

01-20-2023 LETTING ITEM 121

SHARED USE PATH EXTENSION

FOR

CITY OF DIXON

SEE SHEET C1.1 FOR INDEX OF SHEETS

SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB No. C-92-024-19
ITEP No. 241013 & 243023
CONTRACT No. 85700

SEGMENT B, FUTURE CONSTRUCTION, NOT INCLUDED IN THIS CONTRACT.

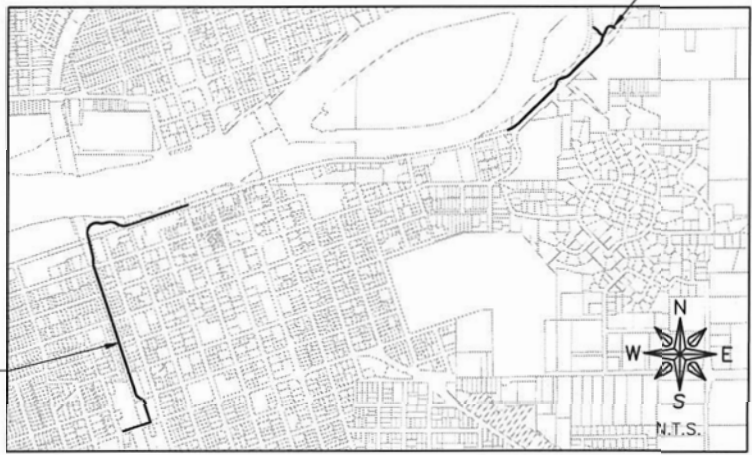


UTILITIES	
UTILITY TYPE	COMMON NAME
WATER & SEWER	CITY OF DIXON
ELECTRIC	COMED
TELEPHONE	CENTURYLINK
GAS	NICOR
CABLE	XFINITY

(CONTRACTOR TO BE RESPONSIBLE FOR ANY ADJUSTMENTS TO BE MADE.)



SEGMENT A WEST SIDE EXTENSION STA: 50+05 TO STA: 94+25



LOCATION MAP

SPEED LIMIT = ≤ 30 MPH
SPEED LIMIT (SHARED USE PATH) = 20 MPH

LOCATION (STREET)	AVERAGE DAILY TRAFFIC	LENGTH (MILES)
W. 7th STREET	4,150	0.13 mi.
E. RIVER STREET	< 50	0.84 mi.
PEORIA AVENUE	10,150	0.38 mi.

HIGHWAY STANDARDS

- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-06 DEPRESSED CORNER FOR SIDEWALKS
- 442201-03 CLASS C&D PATCHES
- 515001-04 NAME PLATE FOR BRIDGES
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701101-05 OFF-ROAD OPERATION, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W DAY ONLY FOR SPEEDS ≥ 45 MPH
- 701306-04 LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE MOVING OPERATIONS DAY ONLY
- 701427-05 LANE CLOSURE MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNT DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 836001-04 LIGHT POLE FOUNDATION
- 878001-11 CONCRETE FOUNDATION DETAILS



FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

ILLINOIS IOWA WISCONSIN

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 184003525



11/10/2022
SIGNATURE DATE
Exp. 11/30/23



PLAN & PROFILE



CROSS SECTIONS

AGENCY RESPONSIBLE FOR LETTING

APPROVED: *[Signature]*
MATT HECKMAN, ASSISTANT CITY MANAGER/
PUBLIC WORKS DIRECTOR
CITY OF DIXON

PASSED: 11/16/22
[Signature]
DISTRICT #2 ENGINEER OF LOCAL ROAD & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW: 11/16/22
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION #2-ENGINEER

FOR BID SET

REVISED		DATE
REV. NO.	DESCRIPTION	DATE

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ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:

CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:

SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:

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SET TYPE: FOR BID SET
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JOB NUMBER:

17-067B

SHEET NUMBER:

C1.1

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MUNICIPAL CODE, CITY OF DIXON, ILLINOIS, CURRENT EDITION, THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," CURRENT EDITION, SPECIAL PROVISIONS AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
- AS PART OF THE BIDDING PROCEDURE, THE CONTRACTOR SHALL VERIFY THAT THE QUANTITIES FOR PAY ITEMS, AS PRESENTED IN THESE PLAN DOCUMENTS, ARE SUBSTANTIALLY CORRECT. IF DISCREPANCIES ARE DETECTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE DISCREPANCY PRIOR TO THE BID DATE.
- PAYMENT WILL BE BASED ON ACTUAL QUANTITIES MEASURED IN THE FIELD OR ON PAYMENT LIMIT DETAILS.
- THE CONTRACTOR SHALL BE PAID FOR MATERIALS AND EQUIPMENT SUCCESSFULLY INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AS MEASURED OR VERIFIED IN PLACE BY THE ENGINEER OR HIS AGENT.
- IN CASE OF CONFLICT BETWEEN THE ABOVE MENTIONED SPECIFICATIONS, THE ENGINEER SHALL DETERMINE WHICH OF THE SPECIFICATIONS SHALL GOVERN. THE ENGINEER'S DECISION SHALL BE FINAL AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED UNLESS APPROVED BY THE ENGINEER.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE OWNER. IMPROVEMENT REPRESENTATIONS AS SHOWN ON THESE PLANS, ARE AS ACCURATE AS POSSIBLE FROM THE INFORMATION AVAILABLE. HOWEVER SOME FIELD REVISIONS MAY BE REQUIRED TO ACCOMMODATE UNFORESEEN CIRCUMSTANCES - THE ENGINEER SHALL BE ADVISED OF ANY NECESSARY REVISIONS WITH SUFFICIENT LEAD TIME ALLOWED TO PROPERLY CONSIDER AND ACT UPON SAID REQUESTS. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED IN CONSTRUCTING THOSE IMPROVEMENTS AS DETAILED IN THIS ENGINEERING PLAN.
- THE ENGINEER SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE OR REJECT THE WORKMANSHIP AND/OR MATERIALS WHICH GO TO MAKE UP IMPROVEMENTS AS DETAILED IN THESE PLANS AND SPECIFICATIONS.
- GENERAL SAFETY PROVISION: TO PROVIDE DRIVERS WITH SAFE TRAVEL CONDITIONS DURING THE CONSTRUCTION PROJECT, AND TO PROVIDE SAFE WORKING CONDITIONS FOR ALL EMPLOYEES, THE RULES, REGULATIONS, AND CONDITIONS STATED BELOW WILL PREVAIL FOR THE DURATION OF THIS CONTRACT. ANY EMPLOYEE OF THE CONTRACTOR OR HIS SUBCONTRACTORS WHO REFUSES TO COMPLY WITH THESE GENERAL SAFETY PROVISIONS SHALL BE REMOVED FROM THE JOB SITE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS. THE CONTRACTOR AND ANY SUBCONTRACTORS RETAINED BY HIM SHALL COMPLY WITH THE STATE AND FEDERAL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA), JULY 1, 1987 AS IT RELATES TO CONTRACTOR'S OPERATIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
- THE SCALE SHOWN ON THE DRAWINGS APPLY ONLY TO THE FULL SIZE PLANS NOT THE REDUCED SIZE PLANS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO THE CONTRACT.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR DISTURBED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. REPLACEMENT OF MONUMENTS WILL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL REMOVE, STORE, AND RELOCATE TO THE SATISFACTION OF THE ENGINEER ALL EXISTING SIGNAGE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS, AND CONSIDER THIS AS INCIDENTAL TO THE CONTRACT.
- OUTSIDE THE EXISTING RIGHT-OF-WAY, THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING SIGNS OUTSIDE THE RIGHT-OF-WAY. ANY SIGNS REMOVED FOR CONSTRUCTION PURPOSES SHALL BE CAREFULLY REMOVED AND RE-ERECTED BY THE CONTRACTOR AT A LOCATION NEAREST TO THE ORIGINAL LOCATION, OR AT A LOCATION DETERMINED BY THE ENGINEER IN THE FIELD. REMOVAL AND RE-ERECTED SIGNS AND ANY DAMAGE DONE TO EXISTING SIGNS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE. MATERIALS AND LABOR NOT SPECIFICALLY IDENTIFIED SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- AT THE END OF EACH DAY, THE CONTRACTOR SHALL SECURE THE CONSTRUCTION WORK ZONE FROM POTENTIAL INTRUDERS.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER OF ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES, AND SHALL NOT PROCEED WITH THE WORK UNTIL ALL LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE ENGINEER OR HIS REPRESENTATIVE.
- THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
- ALL ITEMS TO BE REMOVED AND NOT DEFINED AS A PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- ALL EXCESS EARTH EXCAVATION, EXCESS MATERIALS, OR OTHER REMOVED ITEMS SHALL BE HAULED OFF-SITE AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE APPROVED BY THE OWNER.
- THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 201 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL OBSTRUCTIONS, TREES, DEBRIS AND BRUSH AS DESIGNATED BY THE ENGINEER AND AS INDICATED ON THE PLANS. ALL MATERIALS SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DURING CONSTRUCTION, CARE SHALL BE TAKEN TO MINIMIZE DAMAGE TO THE EXISTING TREES AND LANDSCAPING. ONLY THOSE ITEMS DESIGNATED BY THE ENGINEER SHALL BE REMOVED.
- ALL ROADWAY REMOVAL ITEMS SHALL CONFORM TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. ALL JOINTS BETWEEN THE PORTION REMOVED AND THAT LEFT IN PLACE SHALL BE SAWED TO SUCH A DEPTH THAT A CLEAN, NEAT EDGE WILL RESULT WITH NO SPALLING TO THE REMAINING PORTION. THE COST OF SAWING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ADDITIONAL SAWING OR RE-SAWING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THE COST OF SAWCUTTING THE EXISTING PAVEMENT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED DURING NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AS WELL AS ADJOINING RESIDENTIAL AREAS.

GENERAL NOTES

- THE CONTRACTOR IS REQUIRED TO STAY WITHIN THE NOTED PROPERTY BOUNDARIES RIGHT-OF-WAY AND EASEMENTS AS SHOWN IN THE PLANS. ANY ADDITIONAL EASEMENTS SHALL BE SECURED BY THE CONTRACTOR AT NO EXTRA COST.
- ANY AREAS DAMAGED OR DISTURBED DURING THE PROJECT AS A DIRECT OR INDIRECT RESULT OF CONTRACTOR OPERATIONS, SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION. THE COST OF SAID RESTORATION OR REPAIR SHALL BE BORNE TOTALLY BY THE CONTRACTOR, WITH NO EXTRA COMPENSATION BEING AWARDED UNDER THIS CONTRACT. THE RESPONSIBILITY FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY, STRUCTURE, LANDSCAPING, ETC., DAMAGED OR DESTROYED BY THE CONTRACTOR DURING MOBILIZATION OR CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR, WITH NO EXPENSE BEING CHARGED TO THE ENGINEER OR OWNER. PRIOR TO ACCEPTANCE OF THIS REPAIR OR REPLACEMENT, THE CONTRACTOR SHALL PRESENT THE OWNER WITH A "SIGNOFF LETTER", SIGNED BY A RESPONSIBLE OFFICIAL OF THE OWNER OF THE DAMAGED UTILITY STATING THAT THE REPAIR OR REPLACEMENT IS ACCEPTABLE.
- SPECIFIED AGGREGATE BASE COURSE, TYPE A OR B, UNDER PROPOSED CONCRETE PAVEMENT, SIDEWALK, AND/OR CURB AND GUTTER SHALL BE INCIDENTAL TO THEIR RESPECTIVE PAY ITEMS AND NOT BE PAID FOR SEPARATELY.

CONSTRUCTION STAKING

- CONSTRUCTION STAKING SERVICES WILL BE PROVIDED BY THE OWNER. STAKE POINTS WILL BE STAKED ONE TIME WHEN REQUESTED BY THE CONTRACTOR. THE SAME STAKE POINTS REQUESTED BY THE CONTRACTOR A SECOND TIME WILL BE PAID FOR BY THE CONTRACTOR.

EROSION CONTROL NOTES

- UNLESS OTHERWISE SPECIFIED, ALL EROSION AND SEDIMENT CONTROL, MAINTENANCE, CLEARING AND REMOVAL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, CURRENT EDITION, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.
- THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL MEASURES BEFORE CONSTRUCTION BEGINS.
- THE CONTROLS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, CEMENT EDITION, THE PROJECT SPECIFICATION, CURRENT EDITION, THE PROJECT SPECIFICATION, AND THE APPROPRIATE DETAILS AND AS DIRECTED BY THE INSPECTOR.
- SITE ACTIVITIES SHOULD ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE PRACTICABLE.
- DISTURBED PORTIONS OF THE SITE SHALL BE STABILIZED (TEMPORARILY OR PERMANENTLY SEEDED, MULCHED, SODDED OR PAVED) AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 7 CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
- UNTIL SUCH TIME AS THE PROJECT SITE REACHES FINAL STABILIZATION THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST, REPAIR, OR REPLACE, ALL VEGETATION, EROSION CONTROLS, SEDIMENT CONTROLS, AND ANY OTHER PROTECTIVE MEASURES AS REQUIRED IN ORDER TO MAINTAIN THEIR INTENDED FUNCTION IN A GOOD AND EFFECTIVE OPERATING CONDITION.
- EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER EXPECTED DURING THE CONSTRUCTION PROCESS THAT MAY BE COMBINED WITH STORM WATER DISCHARGES SHALL BE DIRECTED AWAY FROM UNPROTECTED, BARE, OR OTHERWISE UNSTABILIZED SOIL, AND APPROPRIATE POLLUTION PREVENTION MEASURES SHALL BE IMPLEMENTED SO THAT THESE DISCHARGES DO NOT CAUSE EROSION OR DEGRADE THE QUALITY OF RUNOFF FROM THE CONSTRUCTION SITE.
- THE INSPECTOR SHALL HAVE AUTHORIZATION TO DETERMINE THE ADEQUACY OF THE CONTRACTOR'S EROSION CONTROL EFFORTS. THE OWNER OR THE INSPECTOR SHALL HAVE FULL AUTHORITY OVER THE GENERAL CONTRACTOR AND ANY SUBCONTRACTOR TO CAUSE POLLUTANT CONTROL MEASURES TO BE REPAIRED, MODIFIED, MAINTAINED, SUPPLEMENTED, OR WHATEVER ELSE IS NECESSARY IN ORDER TO ACHIEVE EFFECTIVE POLLUTANT CONTROL OR TO SUSPEND OR LIMIT THE CONTRACTORS OPERATIONS PENDING ADEQUATE PERFORMANCE.
- PERIMETER EROSION BARRIER TO BE CONSTRUCTED OF SILT FENCE UNLESS NOTED OTHERWISE.
- A TEMPORARY CONCRETE WASHOUT FACILITY SHALL BE CONSTRUCTED AT A LOCATION APPROVED BY THE ENGINEER. WASHOUT FACILITY SHALL BE UTILIZED FOR ALL APPLICABLE OPERATIONS.
- TEMPORARY EROSION CONTROL MEASURES INCLUDE TEMPORARY DITCH CHECKS, PERIMETER EROSION BARRIER, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, AND ANY OTHER TEMPORARY EROSION CONTROL MEASURE NEEDED TO LIMIT THE AMOUNT OF SOIL EROSION AND SEDIMENTATION DURING CONSTRUCTION.
- AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED FROM THE SITE, AND BECOME THE PROPERTY OF THE CONTRACTOR. CONTRACTOR MUST STABILIZE ANY AREA DISTURBED BY THE REMOVAL OF EROSION CONTROL ITEMS.
- CONTRACTOR SHALL CLEAN ANY DEBRIS TRACKED OFFSITE DAILY.

SEEDING OF DISTURBED AREAS

- THE FINAL TOP 4" INCHES OF SOIL IN ANY DISTURBANCE AREA MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.
- FERTILIZER HAVING AN ANALYSIS OF 10-10-10 SHALL BE APPLIED AT A RATE OF 90 LBS/ACRE TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SOWING THE SEED.
- THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS ADJACENT TO IMPROVEMENTS WITH SEEDING, IDOT CLASS 1A AND MULCH, IDOT METHOD 2 IN ACCORDANCE WITH IDOT STANDARD SPECIFICATION OR AS APPROVED BY THE ENGINEER.
- GUARANTEE:** ALL SEEDED AREAS SHALL BE MAINTAINED AND MOWED FOR AT LEAST 30 DAYS AFTER GERMINATION. SCATTERED BARE SPOTS NO LARGER THAN TWO SQUARE FOOT WILL BE ALLOWED UP TO A MAXIMUM OF 5% OF ANY SEEDED AREA INCLUDING 30-DAY MAINTENANCE, MOWING AND WATERING AS NECESSARY.
- THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTIONS, CURRENT EDITION, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.
- RESTORATION - THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION OF THE IMPROVEMENTS AND RELATED APPURTENANCES OR AS PART OF ANY OF THEIR ACTIVITIES TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION.



ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
GENERAL NOTES

SET TYPE: FOR BID SET
G:\CSD\17\17-0678\Plans\17-067A - PLANS.dwg, NOTES (1)

JOB NUMBER:
17-067B

SHEET NUMBER:
C2.0

MATERIAL AND COMPACTION TESTING

1. A GEOTECHNICAL REPRESENTATIVE WILL BE PROVIDED AND PAID FOR BY THE OWNER FOR ANY REQUIRED TESTING. THE CONTRACTOR IS RESPONSIBLE TO FOLLOW AND MEET GUIDELINES SET BY THE GEOTECHNICAL REPRESENTATIVE.

UTILITIES

1. UTILITIES SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND NO GUARANTEE OF THEIR ACCURACY IS MADE OR INFERRED. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL-INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES THAT MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY AND ALL UTILITY COMPANIES REGARDING ADJUSTMENTS NECESSARY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND CONSIDERED INCIDENTAL TO THE PROJECT COST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND, OVERHEAD, OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR MUST VERIFY AND LOCATE ALL EXISTING UTILITIES ON OR ADJACENT TO THE SITE. PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, CONTACT J.U.L.I.E. AT 1-800-892-0123 (OR 811) FOR EXACT FIELD LOCATION OF UTILITIES. DAMAGE, AND THE COST THEREOF, TO ANY AND ALL UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY AND ALL EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE. THE ENGINEER AND SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF THE EXISTING UTILITIES SHOWN HEREON.
3. IF THERE ARE ANY UTILITIES WHICH ARE NOT MEMBERS OF THE J.U.L.I.E. SYSTEM, THE ENGINEER SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THIS AND REQUESTING SAID UTILITIES TO FIELD VERIFY AND MARK PERTINENT UTILITY LOCATIONS. ENGINEER WILL PROVIDE CONTACT INFORMATION AND RELOCATION SCHEDULE TO CONTRACTOR (AS NECESSARY).
4. THE UTILITY LOCATIONS, DEPTHS, ETC. SHOWN ON THESE PLANS ARE APPROXIMATE ONLY, AND SHALL BE VERIFIED BY THE CONTRACTOR WITH ALL AFFECTED UTILITY COMPANIES PRIOR TO INITIATING CONSTRUCTION OPERATIONS; THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY FOR THE ADEQUACY, SUFFICIENCY OR EXACTNESS OF THESE UTILITY REPRESENTATIONS.
5. THE ENGINEER SHALL CONTACT THE NECESSARY UTILITY COMPANIES FOR ANY UTILITY RELOCATIONS.
6. TRENCH BACKFILL SHALL BE FILL MATERIAL TYPE A (GRAVEL OR CA6 CRUSHED STONE.) OR TYPE C (SAND FA-1 OR SAND FA-2) IN ACCORDANCE WITH AASHTO T27 GUIDELINES AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION. COST SHALL BE INCLUDED IN UNIT PRICE OF PIPE.
7. TRENCH BACKFILL SHALL BE USED IN LOCATIONS WHERE THERE IS AN EXISTING OR PROPOSED PERMANENT SURFACE.
8. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION OR HAVE THE POTENTIAL FOR CREATING FUTURE PROBLEMS SHALL BE REMOVED AND DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT AT AN APPROVED LOCATION OBTAINED BY THE CONTRACTOR, ACCORDING TO THE "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION, AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. COST FOR REPAIRS, REPLACEMENT, AND/OR CONNECTION SHALL BE INCIDENTAL TO THE VARIOUS CONTRACT ITEMS.

TRAFFIC CONTROL

1. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL TRAFFIC CONTROL ITEMS NECESSARY FOR THE CONSTRUCTION OF ITEMS WITH IN THE ROAD RIGHT-OF-WAY. ALL WORK PERFORMED SHALL HAVE TRAFFIC CONTROL IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
2. ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
3. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE REMOVED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING DEBRIS OFF THE ADJACENT TRAVELED LANE SURFACE. COST INCIDENTAL TO THE PROJECT.
4. THE CONTRACTOR SHALL SUBMIT MAINTENANCE OF TRAFFIC AND STAGING OF CONSTRUCTION PLANS FOR APPROVAL BY THE ENGINEER PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR SHALL PERFORM THE WORK UNDER STAGE CONSTRUCTION IN THE EVENT THAT THE CONTRACTOR WILL NEED TO CLOSE PUBLIC ROADS, CONTRACTOR SHALL SUBMIT PROPOSED DETOUR ROUTE AND ASSOCIATED SIGNAGE TO THE ENGINEER PRIOR TO COMMENCING WORK.
6. TRAFFIC CONTROL DEVICES, STREET NAME SIGNS, AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF DIXON ORDINANCES AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". LOCATIONS OF SIGNS AND MARKINGS SHALL BE SPECIFIED BY THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER.
7. PROVIDE TO THE ENGINEER AND THE OWNER THE NAME AND PHONE NUMBER OF INDIVIDUALS RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL MEASURES DURING CONSTRUCTION. THIS INDIVIDUAL SHALL BE AVAILABLE TO CORRECT TRAFFIC CONTROL PROBLEMS 24 HOURS PER DAY.
8. THE CONTRACTOR SHALL NOTIFY THE POST OFFICE, POLICE DEPARTMENT, FIRE DEPARTMENT, 911 DISPATCH CENTER, ILLINOIS DEPARTMENT OF TRANSPORTATION, STATE POLICE, APPROPRIATE SCHOOL DISTRICT AND THE LOCAL AGENCY A MINIMUM OF 5 DAYS PRIOR TO CLOSING ANY PORTION OF THE STREET OR ALLEY.

SUBGRADES, SUBBASES, AND BASE COURSES

1. THE CONTRACTOR WILL BE REQUIRED TO SUBSTANTIATE BASE COURSE THICKNESSES AND FINISH PAVEMENT THICKNESSES. THE ENGINEER SHALL INSPECT BASE COURSE COREOUT PRIOR TO PLACING BASE COURSE TO ENSURE REQUIRED BASE COURSE DEPTH IS PRESENT. IN ADDITION, THE ENGINEER AND/OR THE CITY ENGINEER SHALL WITNESS THE PLACEMENT OF BITUMINOUS BINDER AND SURFACE COURSE. CORE DRILLING MAY BE REQUIRED TO DEMONSTRATE THAT BASE COURSE AND PAVEMENT THICKNESSES CONFORM TO THE SPECIFICATIONS. PRIOR TO PLACING BASE COURSE MATERIAL, THE CONTRACTOR SHALL TEST ROLL THE SUBGRADE, IN THE PRESENCE OF THE ENGINEER OR HIS AGENT TO DEMONSTRATE THAT SAID SUBGRADE IS READY FOR BASE. PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE, THE SAME VERIFICATION PROCEDURE SHALL BE PERFORMED ON THE BASE COURSE MATERIAL. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO PERFORMING ANY OF THE REQUIRED TESTS SO THAT A REPRESENTATIVE MAY BE PRESENT.

EXCAVATION/EARTHWORK

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.
2. PRIOR TO STARTING EARTHWORK OR UTILITY TRENCHING, THE CONTRACTOR SHALL STRIP THE SITE OF TOPSOIL TO A DEPTH OF 4" AND TO THE LIMITS APPROVED BY THE ENGINEER. THIS MATERIAL SHALL BE STOCKPILED IN A REMOTE LOCATION OF THE SITE (APPROVED BY THE ENGINEER) UNTIL THE PLAN IMPROVEMENTS ARE COMPLETED AND THE EXCESS MATERIAL SPREAD AS DIRECTED. IT SHALL THEN BE THE RESPONSIBILITY OF THE CONTRACTOR TO SPREAD THIS TOPSOIL MATERIAL IN AREAS OF THE SITE, OVER AREAS WHERE EXCESS EXCAVATED MATERIAL, SAND, GRAVEL HAS BEEN SPREAD OR IN OTHER AREAS AS DESIGNATED BY THE ENGINEER. THE MATERIAL SHALL THEN BE COMPACTED TO A MINIMAL DEPTH OF 4" AND FINE GRADED IN A MANNER ACCEPTABLE TO THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
3. ROCK IS NOT ANTICIPATED TO BE ENCOUNTERED.
4. ALL EXCAVATIONS FOR STRUCTURES AND PIPE SHALL BE KEPT DEWATERED DURING CONSTRUCTION UNTIL BACKFILL IS IN PLACE. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. (COST INCIDENTAL)
5. EARTH EXCAVATION SHALL CONFORM TO SECTION 202 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. THIS WORK SHALL INCLUDE THE EXCAVATION OF ALL MATERIALS TO DESIGN SUBGRADE ELEVATIONS INDICATED IN THE PLANS.
6. A SOIL REPORT CAN BE PROVIDED IN AN ELECTRONIC FORMAT TO THE CONTRACTOR UPON REQUEST FROM THE OWNER.
7. TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT WILL NOT BE CLEARED APRIL 1 THROUGH SEPTEMBER 30 TO REDUCE IMPACT TO PROTECTED SPECIES.
8. WHENEVER THE CONTRACTOR WORKS NEAR EXISTING FACILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THESE FACILITIES. PUSH HOLES AND SEARCH HOLES THAT ARE DUG BY THE CONTRACTOR SHALL BE BACKFILLED BY TAMPING THE EXCAVATED MATERIAL BACK IN PLACE TO KEEP SETTLEMENT TO A MINIMUM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. EMBANKMENT WORK SHALL CONSIST OF THE CONSTRUCTION OF EMBANKMENTS BY DEPOSITING, PLACING AND COMPACTING EARTH, STONE, GRAVEL OR OTHER MATERIALS OF ACCEPTABLE QUALITY ABOVE THE NATURAL GROUND OR OTHER SURFACE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
10. IF SUFFICIENT TOPSOIL IS NOT PRESENT, THE CONTRACTOR SHALL SPREAD FURNISHED TOPSOIL SO AS TO MEET THE REQUIREMENTS OF THE CONTRACT. FURNISHED TOPSOIL SHALL ONLY BE USED WITH APPROVAL BY THE ENGINEER. THIS FURNISHED TOPSOIL SHALL BE PAID FOR AS TOPSOIL FURNISH AND PLACE, 4".
11. IN PROPOSED FILL AREAS FOR PAVEMENT AND EMBANKMENT, TOPSOIL AND TURF SHALL BE SCARIFIED AND REMOVED PRIOR TO CONSTRUCTING THE EMBANKMENT.



ILLINOIS
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OWNER/DEVELOPER:

CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:

SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

GENERAL NOTES

SET TYPE: FOR BID SET
G:\C30\17-0678\Plans\17-067A - PLANS.dwg, NOTES (2)

JOB NUMBER:

17-067B

SHEET NUMBER:

C3.0

ABBREVIATIONS

<	ANGLE
ABC	AGGREGATE BASE COURSE
ACI	ACRE(S)
AGC	AMERICAN CONCRETE INSTITUTE
AGR	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ARCH	ARCHITECT
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
B	BALL VALVE
BFP	BACKFLOW PREVENTER
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCKING
BM	BENCHMARK
BOT	BOTTOM
BSMT	BASEMENT
BV	BUTTERFLY VALVE
B-B	BACK-TO-BACK OF CURB DIMENSION
CL or C	CENTERLINE
C TO C	CENTER TO CENTER
C & G	CURB AND GUTTER
CF	CUBIC FEET
CHD	CHORD LENGTH
CI	CAST IRON PIPE
CHK	CHECK VALVE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CTY	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
C-B	CENTERLINE TO BACK OF CURB DIMENSION
COORD	COORDINATE
CU	COPPER PIPING
CTRS	CENTERS
CY	CUBIC YARDS
CS	CORPORATION STOP
D	DEGREE OF CURVE
DEP	DEPRESSED
DET	DETAIL
DIAG	DIAGONAL
DIM	DIMENSION
DI	DUCTILE IRON PIPE
DN	DOWN
DNSTR	DOWNSTREAM
DP	DRAINAGE PIPE/STORM PIPE
DWG	DRAWING
E	EAST
EJ	EXPANSION JOINT
EL	ELEVATION
EP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EW	EACH WAY
EXP	EXPANSION
EX, EXIST	EXISTING
EXT	EXTERIOR
E =	EXTERNAL DISTANCE
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIELD ENTRANCE
FF	FINISH FLOOR
FIL	FILLET
FIN	FINISH
FL	FLOW LINE
FLR	FLOOR
FLM	FORCE MAIN
FM	FOUND
FND	FOUND
FRMG	FRAMING
FTG	FOOTING
F-F	FACE TO FACE
GA	GAUGE
GI	GALVANIZED IRON PIPE
GRD	GRADE
GRS	GRATING SUPPORT
GRT	GROUT
GV	GAS VALVE
GYP	GYPSPUM
HSE	HOUSE
HC	HORIZONTAL CURVE
HMA	HOT MIX ASPHALT
HNGR	HANGER
HORIZ	HORIZONTAL
H.P.	HIGH POINT
HW	HOT WATER
HWH	HOT WATER HEATER
Δ =	CENTRAL ANGLE
I	MOMENT OF INERTIA
ID	INSIDE DIAMETER
INT	INTERIOR
INV	INVERT ELEVATION; BASED ON BENCH MARK DATUM
IP	IRON PIPE
JUST	JOIST
L	LENGTH OF CURVE
LAT	LATERAL
LAV	LAVATORY
LF	LINEAL FEET
L.P.	LOW POINT
LT	LEFT OF SURVEY BASE LINE
MAX	MAXIMUM
ME	MATCH EXISTING
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
MTL	METAL
N	NORTH
No. or #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OO	OUTSIDE TO OUTSIDE
OPNG	OPENING
OPP	OPPOSITE
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PCF	POUNDS PER CUBIC FOOT
PDP	PERFORATED DRAIN PIPE

PE	POLYETHYLENE PIPE
PI	POINT OF INTERSECTION
PL	PLATE
PLG	PLUG VALVE
PLP	POLYPROPYLENE PIPE
PLYWD	PLYWOOD
PM	PRINCIPAL MERIDIAN
PR	PRESSURE REGULATORS
PRC	POINT OF REVERSE CURVATURE
PRESS	PRESSURE
PR, PROP	PROPOSED
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PIPE SLEEVE
PT	POINT OF TANGENCY
PLG	PLUG VALVE
PVC	POLYVINYL CHLORIDE (PLASTIC) PIPE
R	RADIUS
RDCR	REDUCER
RCCP	REINFORCED CONCRETE CYLINDER PIPE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCING
REQD	REQUIRED
ROW	RIGHT OF WAY
RFR	RAFTER
RND	ROUND
RR	RAILROAD
RRSP	RAILROAD SPIKE
RT	RIGHT
R&R	REMOVE AND REPLACE
S	SOUTH
SB	STREAM BED
SCHED	SCHEDULE
SEC	SECTION
SF	SQUARE FEET
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SP	SANITARY PIPE
SPA	SPACING OR SPACES
SPEC	SPECIFICATION
SQ	SQUARE
SS	SANITARY SERVICE
STA	STATION
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SW	SIDEWALK
SY	SQUARE YARDS
SYM	SYMMETRICAL
TAN	TANGENT LENGTH
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCH MARK; BASED ON BENCHMARK DATUM
TD	TILE DRAIN
THK	THICK
TR	TREAD
TY	TYPE
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
UP	UTILITY POLE
UPSTR	UPSTREAM
UR	URINAL
USGS	US GEOLOGICAL SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VOL	VOLUME
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPT	VERTICAL POINT OF TANGENCY
W	WEST
WC	WATER CLOSET
WF	WIDE FLANGE
WM	WATER MAIN
WMQ	WATER MAIN QUALITY
WV	WATER VALVE
WGT	WEIGHT
WP	WEATHER PROOF
WS	WATER SERVICE
WWF	WELDED WIRE FABRIC
W/O	WITHOUT
XP	EXPLOSION PROOF

HATCH PATTERNS

	EARTH - FILL		BRICK
	EARTH - UNDISTURBED		STEEL
	ROCK (GEOLOGICAL)		INSULATION (LOOSE/ BATT)
	STONE OR RIP RAP		INSULATION (RIGID)
	GRAVEL		WOOD (ROUGH)
	CONCRETE		WOOD (BLOCKING)
	CONCRETE BLOCK		WOOD (FINISH)
	CMU		DETECTABLE WARNING
	ASPHALT PAVEMENT		

SYMBOLS

CIVIL		WATER		UTILITY	
EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED
		STORM SEWER	STORM SEWER		
				TRAFFIC RELATED	TRAFFIC RELATED
		EROSION CONTROL	EROSION CONTROL		

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
STANDARD LEGEND
SET TYPE: FOR BID SET
G:\C30\17\17-0678\Plans\17-067A - PLANS.dwg, LEGEND

JOB NUMBER:
17-067B
SHEET NUMBER:
C4.0

SUMMARY OF QUANTITIES

SP. PROV.	ITEM #	PAY ITEMS	UNIT	ITEP FUNDS - CONSTRUCTION CODE 0028 (80% FEDERAL / 20% LOCAL)	ITEP FUNDS LIGHTING - CONSTRUCTION CODE 0028 (50% FEDERAL / 50% LOCAL)
Δ	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	9	0
	20200100	EARTH EXCAVATION	CU YD	4010	0
	20400800	FURNISHED EXCAVATION	CU YD	2725	0
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	21257	0
Δ	25000110	SEEDING, CLASS 1A	ACRE	3.47	0
Δ	25000312	SEEDING, CLASS 4A	ACRE	1.14	0
Δ	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	393	0
Δ	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	393	0
Δ	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	393	0
Δ	25100115	MULCH, METHOD 2	ACRE	4.37	0
Δ	25100630	EROSION CONTROL BLANKET	SQ YD	19060	0
Δ	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	2196	0
	28000400	PERIMETER EROSION BARRIER	FOOT	6394	0
	28000500	INLET AND PIPE PROTECTION	EACH	2	0
	28100101	STONE RIPRAP, CLASS A1	SQ YD	1204	0
	28200200	FILTER FABRIC	SQ YD	2810	0
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	2469	0
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9046	0
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	67	0
	40604050	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", IL 9.5 N50	TON	666	0
	42000101	PORTLAND CEMENT CONCRETE PAVEMENT 6" (JOINTED)	SQ YD	490	0
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	244	0
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FOOT	3615	0
	42400800	DETECTABLE WARNINGS	SQ FOOT	92	0
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	230	0
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	398	0
	44000600	SIDEWALK REMOVAL	SQ FOOT	2494	0
	44200050	WELDED WIRE REINFORCEMENT	SQ YD	663	0
	44201684	CLASS D PATCHES, TYPE IV, 3 INCH	SQ YD	148	0
	50200100	STRUCTURE EXCAVATION	CU YD	36.2	0
	50300225	CONCRETE STRUCTURES	CU YD	47	0
	50500505	STUD SHEAR CONNECTORS	EACH	227	0
	50800105	REINFORCEMENT BARS	POUND	5710	0
	51500100	NAME PLATES	EACH	3	0
*	52200015	PERMANENT SHEET PILING	SQ FOOT	12032	0
	52200105	FURNISHING SOLDER PILES (W SECTION)	FOOT	792	0

Δ SPECIALTY ITEMS

SP. PROV.	ITEM #	PAY ITEMS	UNIT	ITEP FUNDS - CONSTRUCTION CODE 0028 (80% FEDERAL / 20% LOCAL)	ITEP FUNDS LIGHTING - CONSTRUCTION CODE 0028 (50% FEDERAL / 50% LOCAL)	
	52200200	DRILLING AND SETTING SOLDER PILES (IN SOIL)	CU FOOT	3895	0	
	52200250	UNTREATED TIMBER LAGGING	SQ FOOT	917	0	
*	52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	355	0	
	59100100	GEDCOMPOSITE WALL DRAIN	SQ YD	50	0	
	60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	129	0	
	60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	624	0	
	60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	406	0	
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	470	0	
Δ	*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	951	0
Δ	*	66900530	SOIL DISPOSAL ANALYSIS	EACH	6	0
Δ	*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0
Δ	*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0
	*	66901005	ENGINEERED BARRIER	SQ YD	247	0
Δ	*	66901006	REGULATED SUBSTANCES MONITORING	CAL DAY	10	0
	67100100	MOBILIZATION	L SUM	1	0	
Δ	72000100	SIGN PANEL - TYPE 1	SQ FOOT	11.5	0	
Δ	72900100	METAL POST - TYPE A	FOOT	30	0	
Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FOOT	19	0	
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	254	0	
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	311	0	
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	10	0	
Δ	80400100	ELECTRICAL SERVICE INSTALLATION	EACH	0	2	
Δ	81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	0	2786	
Δ	81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	0	250	
Δ	81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	0	200	
Δ	81100100	CONDUIT ATTACHED TO STRUCTURE, 1/2" DIA., GALVANIZED STEEL	FOOT	0	356	
Δ	81400100	HANDHOLE	EACH	0	35	
Δ	81702145	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.3	FOOT	0	250	
Δ	81702420	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.8	FOOT	0	12698	
Δ	81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.10	FOOT	0	1068	

Δ SPECIALTY ITEMS

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SUMMARY OF QUANTITIES

SET TYPE: FOR BID SET

JOB NUMBER:
17-067B

SHEET NUMBER:
C5.0

SUMMARY OF QUANTITIES

SP. PROV.	ITEM #	PAY ITEMS	UNIT	ITEP FUNDS - CONSTRUCTION CODE 0028 (80% FEDERAL / 20% LOCAL)	ITEP FUNDS LIGHTING - CONSTRUCTION CODE 0028 (50% FEDERAL / 50% LOCAL)
Δ	B7100105	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 4F	FOOT	0	3856
Δ	A2000090	TREE, ACER X FREEMANII ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 3" CALIPER, BALLED & BURLAPPED	EACH	6	0
Δ	A2007122	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED & BURLAPPED	EACH	1	0
Δ	B2006266	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	6	0
Δ	C2000436	SHRUB, ARONIA ARBUTIFOLIA BRILLIANTISSIMA (BRILLIANT RED CHOKEBERRY), 3' HEIGHT, BALLED AND BURLAPPED	EACH	24	0
Δ	C2001636	SHRUB, CORNUS SERICEA (REDSIER DOGWOOD), 3' HEIGHT, BALLED AND BURLAPPED	EACH	62	0
Δ	C2005818	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 18" WIDTH, BALLED AND BURLAPPED	EACH	46	0
Δ	C2011736	SHRUB, VIBURNUM DENTATUM (ARROWWOOD VIBURNUM), 3' HEIGHT, BALLED AND BURLAPPED	EACH	18	0
Δ	C2012748	SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 4' HEIGHT, BALLED AND BURLAPPED	EACH	8	0
Δ	D2001460	EVERGREEN, JUNIPERUS SCOPULDRUM WICHITA BLUE (WICHITA BLUE JUNIPER), 5' HEIGHT, BALLED AND BURLAPPED	EACH	8	0
Δ	D2001772	EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	9	0
Δ	D2002984	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	6	0
Δ	D2C00724	EVERGREEN, JUNIPERUS CHINENSIS VAR. SARGENTII VIVIDIS (GREEN SARGENT JUNIPER), 2' WIDTH, CONTAINER	EACH	50	0
Δ	D2C00918	EVERGREEN, JUNIPERUS HORIZONTALIS HUGHES (HUGHES CREEPING JUNIPER), 18" WIDTH, CONTAINER	EACH	28	0
Δ	C2000524	SHRUB, ARONIA MELANOCARPA IROQUOIS BEAUTY (IROQUOIS BEAUTY BLACK CHOKEBERRY), 2' HEIGHT, CONTAINER	EACH	32	0
Δ	C2002324	SHRUB, DIERVILLA LONICERA (BUSH HONEYSUCKLE), 2' HEIGHT, BALLED AND BURLAPPED	EACH	92	0
Δ	C2C041G5	SHRUB, ITEA VIRGINICA LITTLE HENRY (LITTLE HENRY VIRGINIA SWEETSPIRE), CONTAINER GROWN, 5-GALLON	EACH	20	0
Δ	C2C09784	SHRUB, SPIREA BETULIFOLIA TOR (TOR BIRCHLEAF SPIREA), 2' HEIGHT, CONTAINER	EACH	27	0
Δ	C2C15761	SHRUB, SPIREA JAPONICA NEON FLASH (NEON FLASH JAPANESE SPIREA), 18" HEIGHT, 5-GALLON CONTAINER	EACH	53	0
Δ	X0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	0.32	0
Δ	* X1005481	SHREDDED BARK MULCH 3"	SQ YD	2835	0
	* X0100003	CLEARING AND GRUBBING	SQ YD	8294	0
Δ	* X0322920	COMMUNICATIONS CABINET AND EQUIPMENT	EACH	0	1
	* X0323455	ADJUST MONITORING WELLS	EACH	1	0
	* X0326806	WASHOUT BASIN	L SUM	1	0
	* X0327997	TRASH RECEPTACLES	EACH	2	0
Δ	* X1400088	POWER PEDESTALS	EACH	0	2
Δ	* X1400210	LIGHT POLE, SPECIAL, 12'	EACH	0	35
Δ	* X1400238	LUMINAIRE, LED, SPECIAL	EACH	0	35
	* X5012502	CONCRETE REMOVAL (SPECIAL)	CU YD	125	0
Δ	* X5091725	BICYCLE RAILING, SPECIAL	FOOT	470	0
	* X5800110	MEMBRANE WATERPROOFING (SPECIAL)	SQ FOOT	7523	0
	* X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	0
Δ	* X8130110	JUNCTION BOX (SPECIAL)	EACH	0	10
Δ	* X8250500	LIGHTING UNIT COMPLETE, SPECIAL	EACH	0	42
Δ	* X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	0	35
	* Z0003850	BENCHES	EACH	4	0
Δ	* Z0077900	WOOD POST AND RAIL FENCE	FOOT	2950	0
	* XX008287	BOARDWALK STRUCTURE	SQ FOOT	4576	0
Δ	* XX008921	EMERGENCY CALL BOXES	EACH	7	0
				CONSTRUCTION CODE 0042	
	* Z0076600	TRAINEES	HOUR	1000	0
	* Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	0

Δ SPECIALTY ITEMS

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

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PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
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JOB C-92-024-19

DRAWN BY: MS
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DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SUMMARY OF QUANTITIES

SET TYPE: FOR BID SET
C:\20\17\17-0678\Plan\17-067A - PLAN 2.dwg, SUMMARY(2)

JOB NUMBER:
17-067B

SHEET NUMBER:
C6.0

SCHEDULE OF QUANTITIES

20100110 - TREE REMOVAL (6 TO 15 UNITS DIAMTER) (UNIT)	
SEGMENT A	9
TOTAL:	9
20200100 - EARTH EXCAVATION (CU YD)	
SEGMENT A	4010
TOTAL:	4010
20400800 - FURNISHED EXCAVATION (CU YD)	
SEGMENT A	2725
TOTAL:	2725
21101615 - TOPSOIL FURNISH AND PLACE, 4" (SQ YD)	
SEGMENT A	21257
TOTAL:	21257
25000110 - SEEDING, CLASS 1A (ACRE)	
SEGMENT A	3.47
TOTAL:	3.47
25000312 - SEEDING, CLASS 4A (ACRE)	
SEGMENT A	1.14
TOTAL:	1.14
25000400 - NITROGEN FERTILIZER NUTRIENT (POUND)	
SEGMENT A	393
TOTAL:	393
25000500 - PHOSPHORUS FERTILIZER NUTRIENT (POUND)	
SEGMENT A	393
TOTAL:	393
25000600 - POTASSIUM FERTILIZER NUTRIENT (POUND)	
SEGMENT A	393
TOTAL:	393
25100115 - MULCH, METHOD 2 (ACRE)	
SEGMENT A	4.37
TOTAL:	4.37
25100630 - EROSION CONTROL BLANKET (SQ YD)	
SEGMENT A	19060
TOTAL:	19060
25100635 - HEAVY DUTY EROSION CONTROL BLANKET (SQ YD)	
SEGMENT A	
STA 79+18 - 82+00 RT/LT	2196
TOTAL:	2196
28000400 - PERIMETER EROSION BARRIER (FOOT)	
SEGMENT A	6394
TOTAL:	6394

28000500 - INLET AND PIPE PROTECTION (EACH)	
SEGMENT A	
STA 53+30 LT	1
STA 58+20 LT	1
TOTAL:	2
28100101 - STONE RIPRAP, CLASS A1 (SQ YD)	
SEGMENT A	1204
TOTAL:	1204
28200200 - FILTER FABRIC (SQ YD)	
SEGMENT A	2810
TOTAL:	2810
35101400 AGGREGATE BASE COURSE, TYPE B (TON)	
SEGMENT A	2469
TOTAL:	2469
40600275 BITUMINOUS MATERIALS (PRIME COAT)	
SEGMENT A	9046
TOTAL:	9046
40600290 BITUMINOUS MATERIALS (TACK COAT)	
SEGMENT A	67
TOTAL:	67
40604050 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", IL-9.5 N50	
SEGMENT A	666
TOTAL:	666
42000101 - PORTLAND CEMENT CONCRETE PAVEMENT 6" (JOINTED) (SQ YD)	
SEGMENT A	490
TOTAL:	490
42300300 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (SQ YD)	
SEGMENT A	
STA 50+40.2 LT	61
STA 51+28 LT	61
STA 52+16.1 LT	61
STA 52+81.8 LT	61
TOTAL:	244
42400100 - PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SQ FOOT)	
SEGMENT A	
STA 50+05.0 - 53+72.0 LT	1835
STA 53+82.1 LT	16
STA 59+02.8 LT	34
STA 63+82.7 LT	34
STA 68+62.3 LT	34
STA 73+43.8 LT	34
STA 82+73.9 LT	34
STA 87+21.6 LT	100
STA 88+64.6 LT	34
STA 89+20.6 LT	100
STA 91+20.6 LT	100
STA 93+04.5 LT	100
STA 93+33.96	784
STA 94+05.44	376
TOTAL:	3615

42400800 - DETECTABLE WARNINGS (SQ FOOT)	
SEGMENT A	
STA 53+75	20
STA 93+44	33.5
STA 94+08	38.5
TOTAL:	92
44000200 - DRIVEWAY PAVEMENT REMOVAL (SQ YD)	
SEGMENT A	
50+40.2 LT	50
51+28 LT	50
52+16.1 LT	50
52+81.8 LT	80
TOTAL:	230
44000500 - COMBINATION CURB AND GUTTER REMOVAL (FOOT)	
SEGMENT A	
STA 50+09.70 - 50+74.70	65
STA 50+95.46 - 51+60.46	65
STA 51+83.62 - 53+18.5 LT	200
STA 93+27.0 - 93+49.2	46
STA 94+02 RT	22
TOTAL:	398
44000600 - SIDEWALK REMOVAL (SQ FOOT)	
SEGMENT A	
STA 50+03 - 50+22 LT	95
STA 50+62 - 51+11 LT	243
STA 51+50 - 51+95 LT	254
STA 52+37 - 52+62 LT	84
STA 53+05 - 53+45 LT	322
STA 92+56.3 - 93+48.7 LT	1091
STA 94+05.44	405
TOTAL:	2494
44200050 - WELDED WIRE REINFORCEMENT (SQ YD)	
SEGMENT A	
50+40.2 LT	61
51+28 LT	61
52+16.1 LT	61
52+81.8 LT	61
STA 67+86 - 68+56	125
STA 71+52 - 72+16	114
STA 75+22 - 76+23	180
TOTAL:	663
44201684 - CLASS D PATCHES, TYPE IV, 3" (SQ YD)	
SEGMENT A	
STA 50+09.70 - 50+74.70	30
STA 50+95.46 - 51+60.46	30
STA 51+83.62 - 53+68.1	88
TOTAL:	148
52200015 - PERMANENT SHEET PILING (SQ FOOT)	
SEGMENT A	
STA 68+55.8 - 71+52.3 RT/LT	5930
STA 72+16.5 - 75+21.6 RT/LT	6102
TOTAL:	12032

52200800 - SEGMENTAL CONCRETE BLOCK WALL (SQ FOOT)	
SEGMENT A	
STA 53+14 - 53+85	355
TOTAL:	355
60108106 - PIPE UNDERDRAINS, TYPE 1, 6" (FOOT)	
SEGMENT A	
STA 68+50 - 71+52.3 RT	312
STA 72+18.5 - 75+20.5 RT	312
TOTAL:	624
60108206 - PIPE UNDERDRAINS, TYPE 2, 6" (FOOT)	
SEGMENT A	
STA 50+09.70 - 50+74.70 LT	65
STA 50+95.46 - 51+60.46 LT	65
STA 51+83.62 - 53+18.5 LT	135
STA 53+33.4 - 53+72.0 LT	50
STA 93+27.0 - 93+49.2	69
STA 94+02 RT	22
TOTAL:	406
60604400 - COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (FOOT)	
SEGMENT A	
STA 57+86 - 68+56	140
STA 71+52 + 72+16	128
STA 75+22 - 76+23	202
TOTAL:	470
* 66900200 - NON-SPECIAL WASTE DISPOSAL (CU YD)	
SEGMENT A	951
TOTAL:	951
* 66900530 - SOIL DISPOSAL ANALYSIS (EACH)	
SEGMENT A	6
TOTAL:	6
* 66901001 - REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN (L SUM)	
SEGMENT A	1
TOTAL:	1
* 66901003 - REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT (L SUM)	
SEGMENT A	1
TOTAL:	1
* 66901005 - ENGINEERED BARRIER (SQ YD)	
SEGMENT A	
STA 80+35 - 80+55	47
STA 81+06 - 82+15 RT	75
STA 85+76 - 86+00	125
TOTAL:	247

* 66901006 - REGULATED SUBSTANCES MONITORING (CAL DAY)	
SEGMENT A	10
TOTAL:	10
67100100 - MOBILIZATION (L SUM)	
SEGMENT A	1
TOTAL:	1
72000100 - SIGN PANEL - TYPE 1 (SF)	
SEGMENT A	
STA 53+81.5 LT	4.5
STA 54+46.4 LT	2.5
STA 93+26.0 RT	4.5
TOTAL:	11.5
72900100 - METAL POST - TYPE A (FOOT)	
SEGMENT A	
STA 53+81.5 LT	10
STA 54+46.4 LT	10
STA 93+26.0 RT	10
TOTAL:	30
78000100 - THERMOPLASTIC PAVEMENT MARKING - LETTER AND SYMBOLS (SQ FOOT)	
SEGMENT A	
STA 50+57 RT	9.5
STA 52+55 RT	9.5
TOTAL:	19
78000400 - THERMOPLASTIC PAVEMENT MARKING - LINE 6" (FOOT)	
SEGMENT A	
STA 93+39.78 - 94+16.71	254
TOTAL:	254
78000600 - THERMOPLASTIC PAVEMENT MARKING - LINE 12" (FOOT)	
SEGMENT A	
STA 93+39.78 - 94+16.71	311
TOTAL:	311
78000650 - THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FOOT)	
SEGMENT A	
STA 53+81 LT	5
STA 93+25	5
TOTAL:	10
80400100 - ELECTRIC SERVICE INSTALLATION (EACH)	
SEGMENT A	
STA 53+81 LT	1
STA 92+44 LT	1
TOTAL:	2

81028730 - UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA. (FOOT)	
SEGMENT A	2786
TOTAL:	2786
81028750 - UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA. (FOOT)	
SEGMENT A	
STA 53+81 LT	125
STA 92+44 LT	125
TOTAL:	250
81028760 - UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA. (FOOT)	
SEGMENT A	
STA 92+44 LT	200
TOTAL:	200
81100100 - CONDUIT ATTACHED TO STRUCTURE, 1/2" DIA., GALVANIZED STEEL (FOOT)	
SEGMENT A	
STA 76+23 - 79+79	356
TOTAL:	356
81400100 - HANDHOLE (EACH)	
SEGMENT A	
STA 50+84.9 LT	1
STA 51+71.8 LT	1
STA 52+48.8 LT	1
STA 53+89.0 LT	1
STA 54+35.7 LT	1
STA 55+55.9 LT	1
STA 56+84.1 LT	1
STA 58+02.5 LT	1
STA 59+21.3 LT	1
STA 60+41.2 LT	1
STA 61+61.0 LT	1
STA 62+81.0 LT	1
STA 64+01.0 LT	1
STA 65+20.8 LT	1
STA 66+40.8 LT	1
STA 67+60.8 LT	1
STA 68+80.6 LT	1
STA 70+01.2 LT	1
STA 71+21.1 LT	1
STA 72+41.6 LT	1
STA 73+62.1 LT	1
STA 74+82.1 LT	1
STA 76+00.5 LT	1
STA 80+68.6 LT	1
STA 81+65.00 LT	1
STA 82+63.7 LT	1
STA 83+64.9 LT	1
STA 84+61.6 LT	1
STA 85+68.5 LT	1
STA 86+70.6 LT	1
STA 87+70.6 LT	1
STA 88+70.6 LT	1
STA 89+70.6 LT	1
STA 90+70.7 LT	1
STA 91+70.6 LT	1
TOTAL:	35



ILLINOIS
IOWA
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PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
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DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SCHEDULE OF QUANTITIES

SET TYPE: FOR BID SET
G:\C30\17-0678\Plans\17-067A - PLANS 2.dwg, SCH-1

JOB NUMBER:
17-067B

SHEET NUMBER:
C7.0

SCHEDULE OF QUANTITIES

81702145 - ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.3 (FOOT)	
SEGMENT A	
STA 53+81 LT	125
STA 92+44 LT	125
TOTAL:	250
81702420 - ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.8 (FOOT)	
SEGMENT A	12698
TOTAL:	12698
81028760 - UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA. (FOOT)	
SEGMENT A	1068
STA 76+23 - 79+79	1068
TOTAL:	1068
*87100105 - FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 4F (FOOT)	
SEGMENT A	3856
TOTAL:	3856
A2000090 - TREE, ACER X FREEMANII, 3" CALIPER, B&B	
SEGMENT A	6
TOTAL:	6
A2007122 - QUERCUS RUBRA (RED OAK), 3" CALIPER, B&B	
SEGMENT A	1
TOTAL:	1
B2006266 - TREE, SYRINGA RETICULATA, 6' HEIGHT, CLUMP FORM, B&B	
SEGMENT A	6
TOTAL:	6
C2000436 - SHRUB, ARONIA ARBUTIFOLIA BRILLIANTISSIMA, 3' HEIGHT, B&B	
SEGMENT A	24
TOTAL:	24
C2001636 - SHRUB, CORNUS SERICEA, 3' HEIGHT, B&B	
SEGMENT A	62
TOTAL:	62
C2005818 - SHRUB, RHUS AROMATICA GRO-LOW, 18" WIDTH, B&B	
SEGMENT A	46
TOTAL:	46
C2011736 - SHRUB, VIBURNUM DENTATUM, 3' HEIGHT, B&B	
SEGMENT A	18
TOTAL:	18
C2012748 - SHRUB, VIBURNUM PRUNIFOLIUM, 4' HEIGHT B&B	
SEGMENT A	8
TOTAL:	8

D2001460 - EVERGREEN, JUNIPERUS SCOPULORUM WICHITA BLUE, 5' HEIGHT, B&B	
SEGMENT A	8
TOTAL:	8
D2001772 - EVERGREEN, PICEA ABIES, 6' HEIGHT, B&B	
SEGMENT A	9
TOTAL:	9
D2002984 - EVERGREEN, PINUS STROBUS, 7' HEIGHT, B&B	
SEGMENT A	6
TOTAL:	6
D2C00724 - EVERGREEN, JUNIPERUS CHINENSIS VAR. SRAGENTII VIRDIS, 2' WIDTH, CONT.	
SEGMENT A	50
TOTAL:	50
D2C00918 - EVERGREEN, JUNIPERUS HORIZONTALIS HUGHES, 18" WIDTH, CONT.	
SEGMENT A	28
TOTAL:	28
C2000524 - SHRUB, ARONIA MELANOCARPA IROQUOIS BEAUTY, 2' HEIGHT, CONT. (EACH)	
SEGMENT A	32
TOTAL:	32
C2002324 - SHRUB, DIERVILLA LONICERA, 2' HEIGHT, B&B (EACH)	
SEGMENT A	92
TOTAL:	92
C2C041G5 - SHRUB, ITEA VIRGINICA LITTLE HENRY, CONTAINER GROWN, 5-GALLON (EACH)	
SEGMENT A	20
TOTAL:	20
C2C09784 - SHRUB, SPIREA BETULIFOLIA TOR, 2' HEIGHT, CONT. (EACH)	
SEGMENT A	27
TOTAL:	27
C2C15761 - SHRUB, SPIREA JAPONICA NEON FLASH, 18" HEIGHT, 5-GALLON CONTAINER (EACH)	
SEGMENT A	53
TOTAL:	53
K0012990 - PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT (UNIT)	
SEGMENT A	0.32
TOTAL:	0.32
*K1005481 - SHREDDED BARK MULCH 3" (SQ YD)	
SEGMENT A	
FOR PLANTINGS	2001
UNDER BOARDWALK	834
TOTAL:	2835
* X0100003 - CLEARING AND GRUBBING (SQ YD)	
SEGMENT A	
STA 57+30 - 71+62 RT/LT - 15' RT/LT OF CL	2431
STA 72+05 - 75+20 RT/LT - 15' RT/LT OF CL	615
STA 80+10 - 85+45 LT - 15' LT OF CL, RT - 60' OF CL	2724
STA 100+25 - 104+10 LT - 15' LT OF CL, RT - 60' OF CL	2524
TOTAL:	8294

* X0322920 - COMMUNICATIONS CABINET AND EQUIPMENT (EACH)	
SEGMENT A	1
TOTAL:	1
* X0323455 - ADJUST MONITORING WELLS	
SEGMENT A	
STA 82+90 LT	1
TOTAL:	1
* X0326806 - WASHOUT BASIN (L SUM)	
SEGMENT A	1
TOTAL:	1
* X0327997 - TRASH RECEPTACLES (EACH)	
SEGMENT A	
STA 87+20 LT	1
STA 93+05 LT	1
TOTAL:	2
* X1400088 - POWER PEDESTALS (EACH)	
SEGMENT A	
STA 53+51 LT	1
STA 92+44.7 LT	1
TOTAL:	2
* X14000210 - LIGHT POLE, SPECIAL, 12' (EACH)	
SEGMENT A	
STA 50+84.9 LT	1
STA 51+71.8 LT	1
STA 52+48.8 LT	1
STA 53+89.0 LT	1
STA 54+35.7 LT	1
STA 55+55.9 LT	1
STA 56+84.1 LT	1
STA 58+02.5 LT	1
STA 59+21.3 LT	1
STA 60+41.2 LT	1
STA 61+61.0 LT	1
STA 62+81.0 LT	1
STA 64+01.0 LT	1
STA 65+20.8 LT	1
STA 66+40.8 LT	1
STA 67+60.8 LT	1
STA 68+80.6 LT	1
STA 70+01.2 LT	1
STA 71+21.1 LT	1
STA 72+41.6 LT	1
STA 73+62.1 LT	1
STA 74+82.1 LT	1
STA 76+00 LT	1
STA 80+68.6 LT	1
STA 81+65 LT	1
STA 82+63.7 LT	1
STA 83+64.9 LT	1
STA 84+61.6 LT	1
STA 85+68.5 LT	1
STA 86+70.6 LT	1
STA 87+70.6 LT	1
STA 88+70.6 LT	1
STA 89+70.6 LT	1
STA 90+70.7 LT	1
STA 91+70.6 LT	1
TOTAL:	35

* X1400238 - LUMINAIRE, LED, SPECIAL (EACH)	
SEGMENT A	35
TOTAL:	35
* X5012502 - CONCRETE REMOVAL (SPECIAL) (CU YD)	
SEGMENT A	125
TOTAL:	125
* X5091725 - BICYCLE RAILING, SPECIAL (FOOT)	
SEGMENT A	
STA 67+56 - 68+56 LT/RT	140
STA 71+52 - 72+16 LT/RT	128
STA 75+22 - 76+23 LT/RT	202
TOTAL:	470
* X5800110 - MEMBRANE WATERPROOFING (SPECIAL) (SQ FT)	
SEGMENT A	7523
TOTAL:	7523
* X7010216 - TRAFFIC CONTROL AND PROTECTION (SPECIAL) (L SUM)	
SEGMENT A	1
TOTAL:	1
* X8130110 - JUNCTION BOX SPECIAL (EACH)	
SEGMENT A	
STA 53+82.1 LT	1
STA 59+02.8 LT	1
STA 63+82.7 LT	1
STA 68+62.3 LT	1
STA 73+43.8 LT	1
STA 75+21.6 LT	1
STA 79+79.5 LT	1
STA 80+50 LT	1
STA 82+73.9 LT	1
STA 88+64.6 LT	1
TOTAL:	10
* X8250500 - LIGHTING UNIT COMPLETE, SPECIAL	
SEGMENT A	42
TOTAL:	42
* X8360120 LIGHT POLE FOUNDATION, SPECIAL (EACH)	
SEGMENT A	35
TOTAL:	35
* Z0003850 - BENCHES (EACH)	
SEGMENT A	
STA 87+20 LT	1
STA 89+20 LT	1
STA 91+20 LT	1
STA 93+05 LT	1
TOTAL:	4

* Z0077900 - WOOD POST AND RAIL FENCE (FOOT)	
SEGMENT A	
STA 62+75 - 67+83.6 RT/LT	1030
STA 68+55.8 - 71+52.3 RT/LT	594
STA 72+16.5 - 75+21.6 RT/LT	612
STA 76+23.3 - 79+79.5 RT/LT	714
TOTAL:	2950
* XX008287 - BOARDWALK STRUCTURE (SQ FOOT)	
SEGMENT A	4576
TOTAL:	4576
* XX008921 - EMERGENCY CALL BOXES (EACH)	
SEGMENT A	
STA 53+82.1 LT	1
STA 59+02.8 LT	1
STA 63+82.7 LT	1
STA 68+62.3 LT	1
STA 73+43.8 LT	1
STA 82+73.9 LT	1
STA 88+64.6 LT	1
TOTAL:	7



ILLINOIS
IOWA
WISCONSIN

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PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

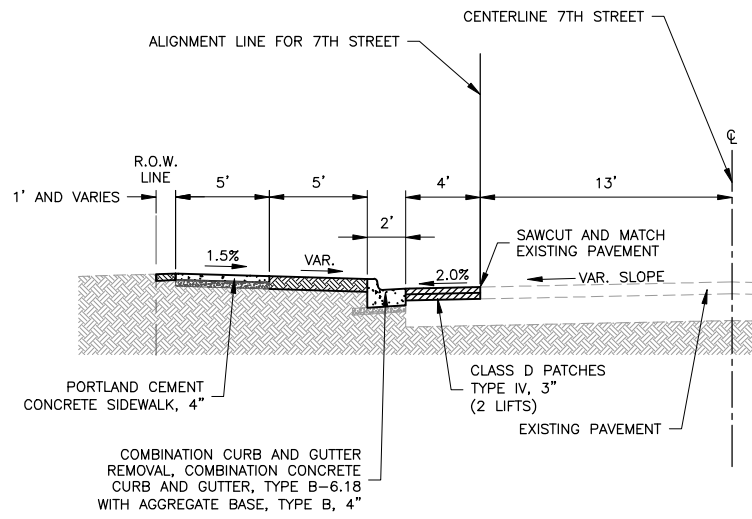
REVISIONS		
REV. NO.	DESCRIPTION	DATE

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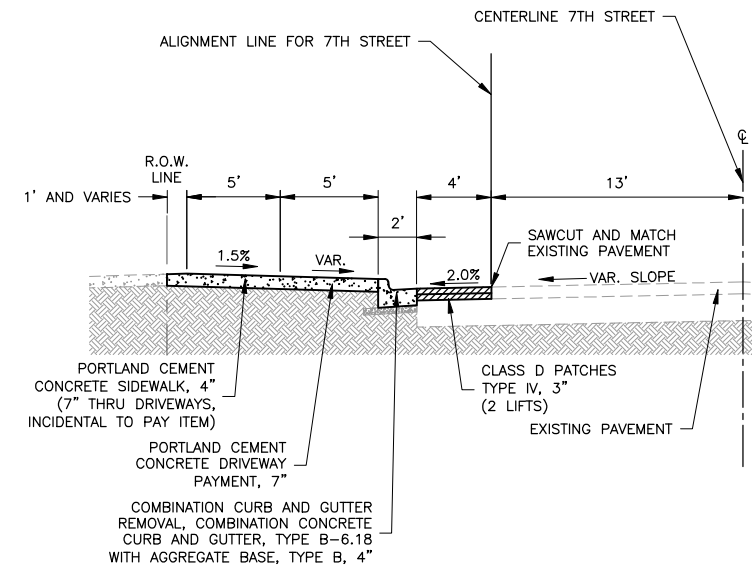
JOB NUMBER:
17-067B

SHEET NUMBER:
C8.0



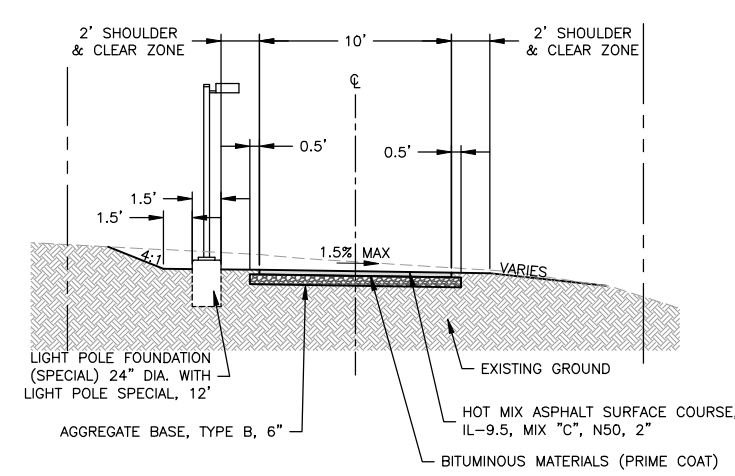
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SEGMENT A, WEST SIDE EXTENSION**
SCALE: 1" = 5'

STATION 50+05 TO STATION 53+72



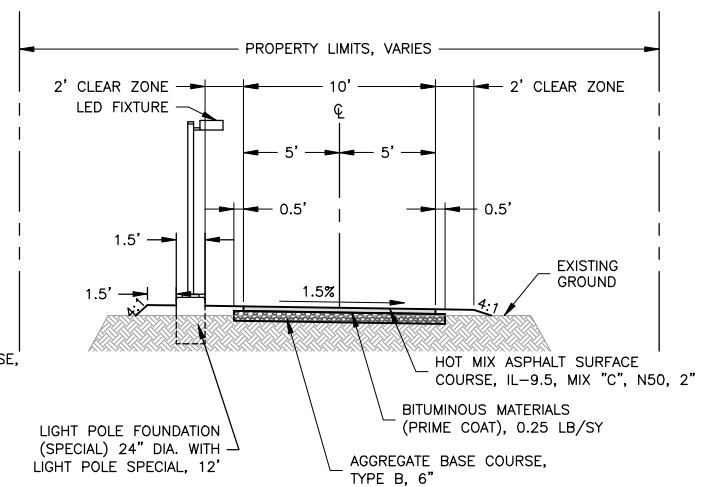
**TYPICAL SECTION - DRIVEWAY
SEGMENT A, WEST SIDE EXTENSION**
SCALE: 1" = 5'

STATION 50+05 TO STATION 53+72
(DRIVEWAY SECTIONS)



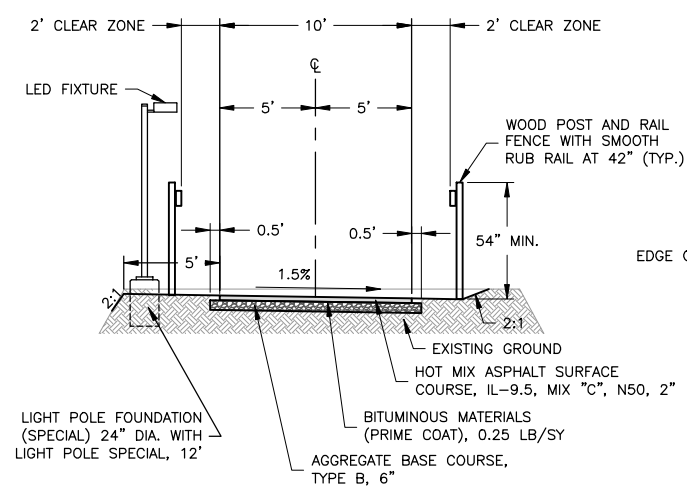
**TYPICAL SECTION
SEGMENT A, WEST SIDE EXTENSION**
SCALE: 1" = 5'

STATION 53+72 TO STATION 56+00



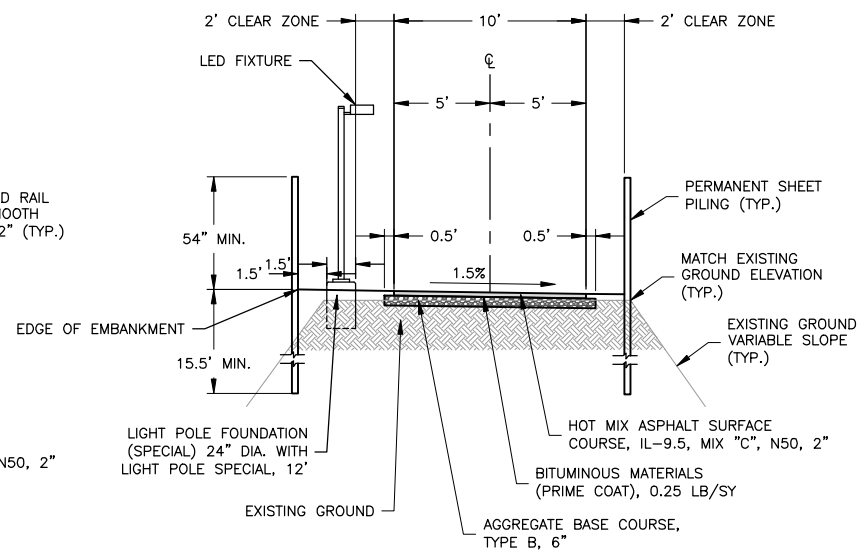
**TYPICAL SECTION
SEGMENT A, WEST SIDE EXTENSION**
SCALE: 1" = 5'

STATION 56+00 TO STATION 62+75



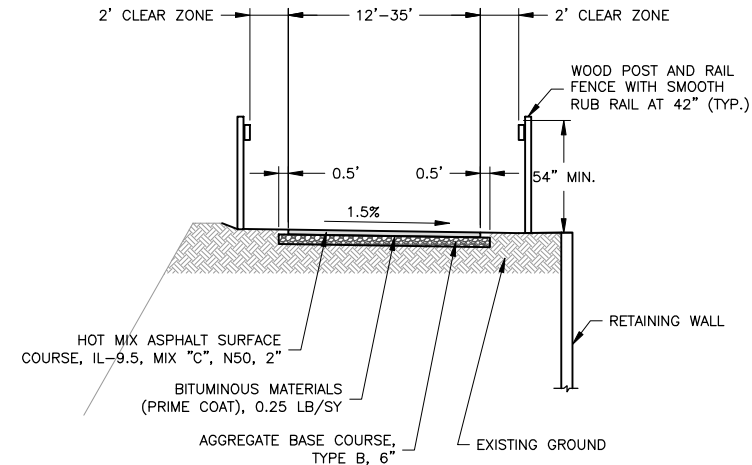
**TYPICAL SECTION
SEGMENT A, WEST SIDE EXTENSION**
SCALE: 1" = 5'

STATION 62+75 TO STATION 67+85.6



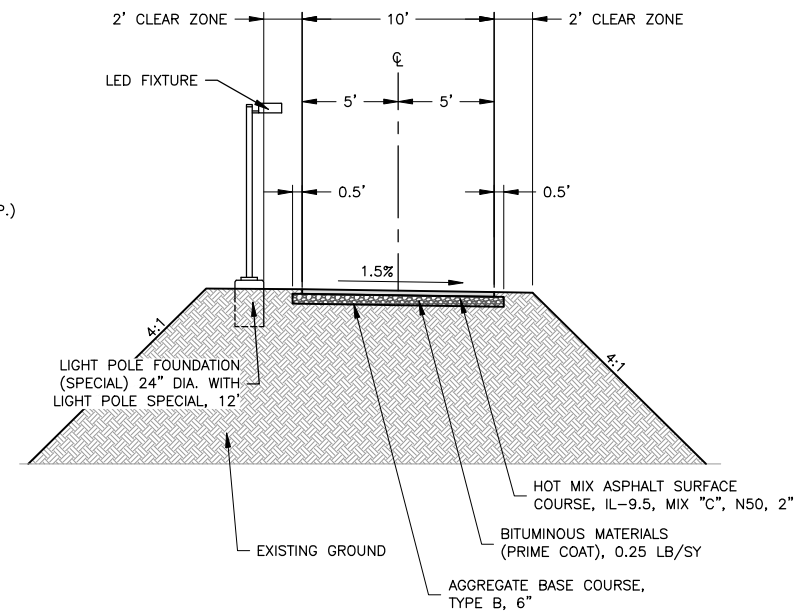
**TYPICAL SECTION
SEGMENT A, WEST SIDE EXTENSION**
SCALE: 1" = 5'

STATION 68+55.8 TO STATION 71+52.3
STATION 72+16.5 TO STATION 75+21.6



**TYPICAL SECTION
SEGMENT A, EAST SIDE EXTENSION**
SCALE: 1" = 5'

STATION 75+21.6 TO STATION 76+23.34



**TYPICAL SECTION
SEGMENT A, WEST SIDE EXTENSION**
SCALE: 1" = 5'

STATION 79+79.5 TO STATION 83+50

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WISCONSIN

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121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

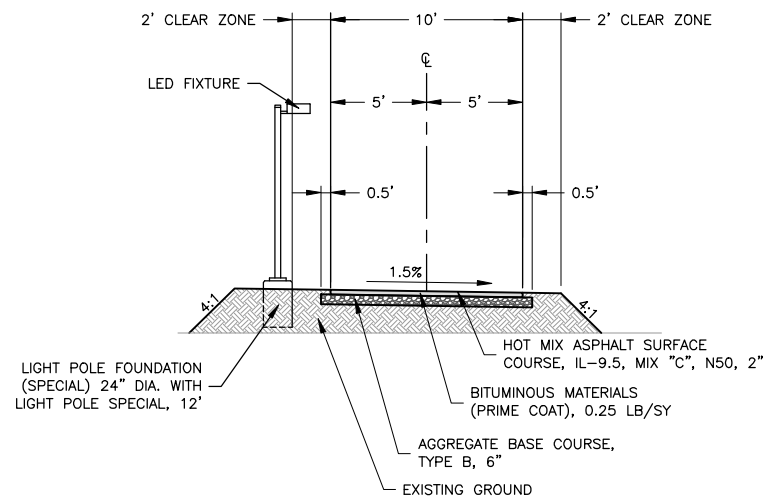
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DATE: 10/19/22
SCALE: AS NOTED

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REV. NO.	DESCRIPTION	DATE

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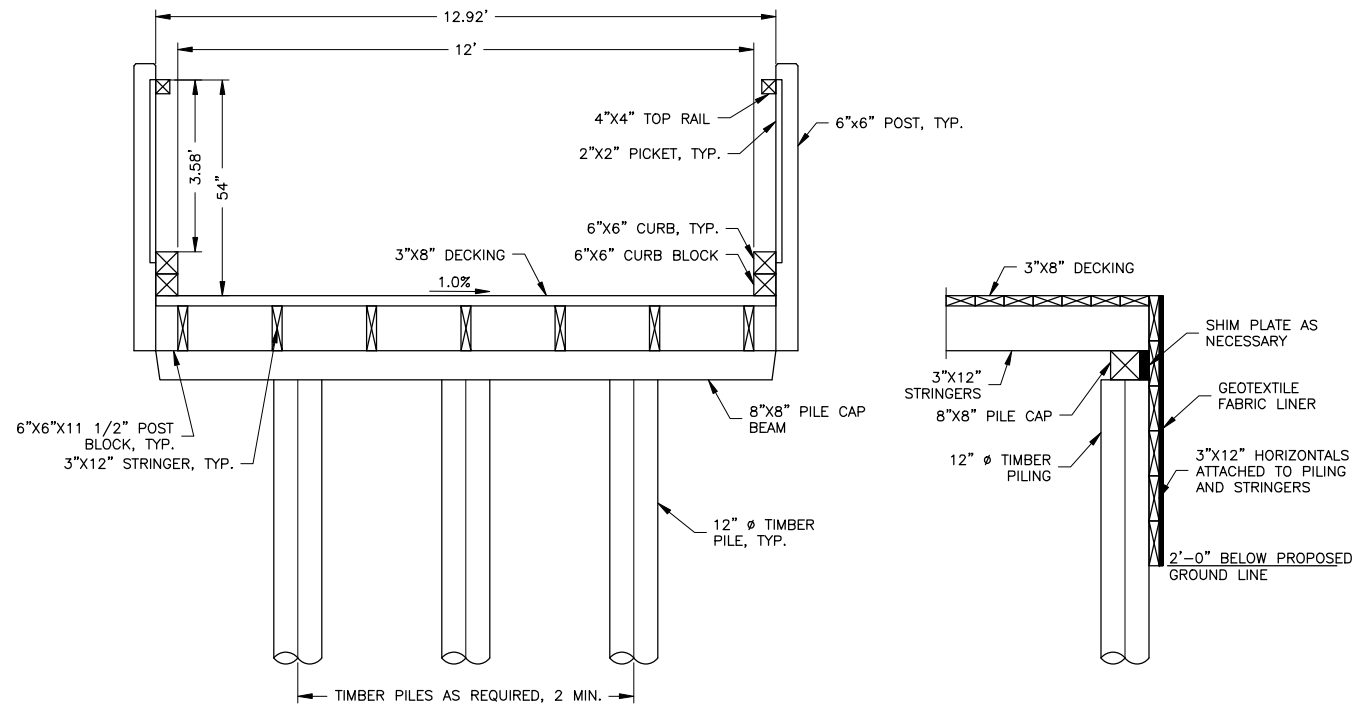
JOB NUMBER:
17-067B

SHEET NUMBER:
C9.0



**TYPICAL SECTION
SEGMENT A, WEST SIDE EXTENSION**
SCALE: 1" = 5'

STATION 83+50 TO STATION 93+27



BOARDWALK CROSS SECTION
(LAPPED STRINGERS AT SUPPORTS NOT SHOWN)

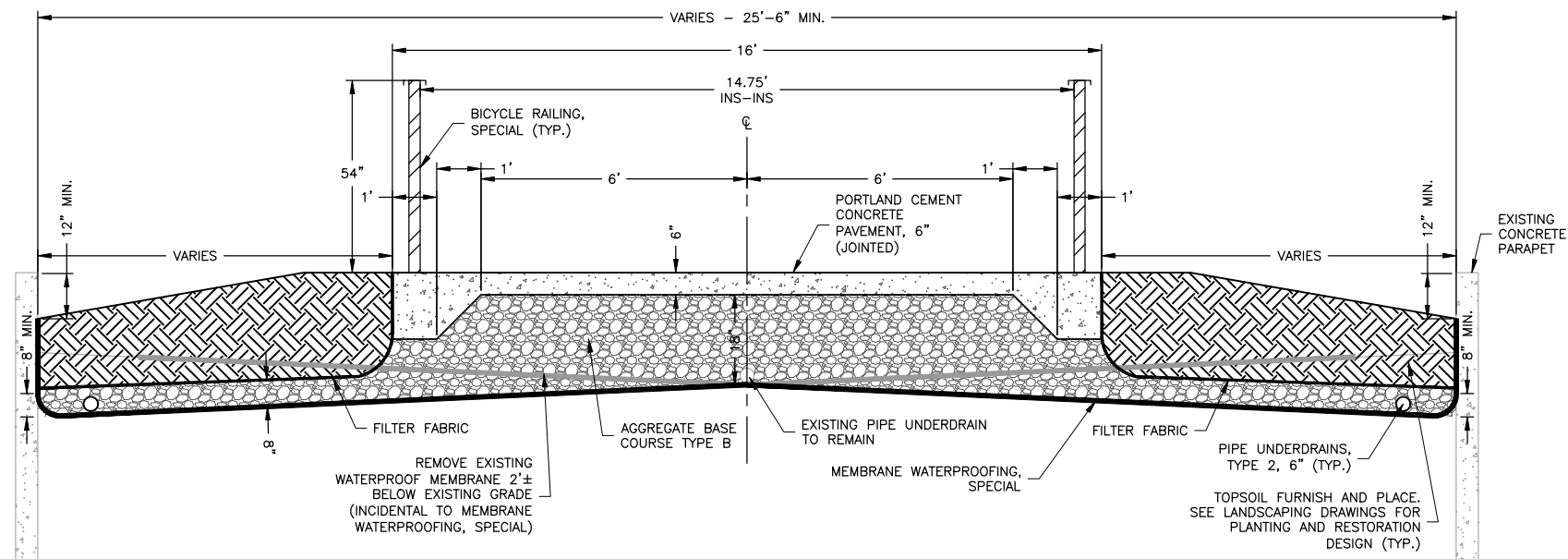
TYPICAL ABUTMENT SECTION

**TYPICAL SECTION
SEGMENT A, WEST SIDE EXTENSION AND SPUR
FOR RIVER OVERLOOK BOARDWALK**
SCALE: 1" = 2'

STATION 76+23.34 TO STATION 79+79.5

HMA CHART

LOCATION AND MIXTURE USES	PATH	CLASS D PATCH
	SURFACE	SURFACE
PG:	PG 58-28	PG 58-28
DESIGN AIR Voids	4.0 @ N.50	4.0 @ N.50
MIXTURE COMPOSITION	IL 9.5	IL 9.5
FRICION AGGREGATE	C	C
MIX WEIGHT	112 LB/SY/IN	112 LB/SY/IN
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
MATERIAL TRANSFER DEVICE	NO	NO



**TYPICAL SECTION
SEGMENT A, WEST SIDE EXTENSION AT BRIDGES**
SCALE: 1" = 2'

STATION 67+85.6 TO STATION 68+55.8,
STATION 71+52.3 TO STATION 72+16.5

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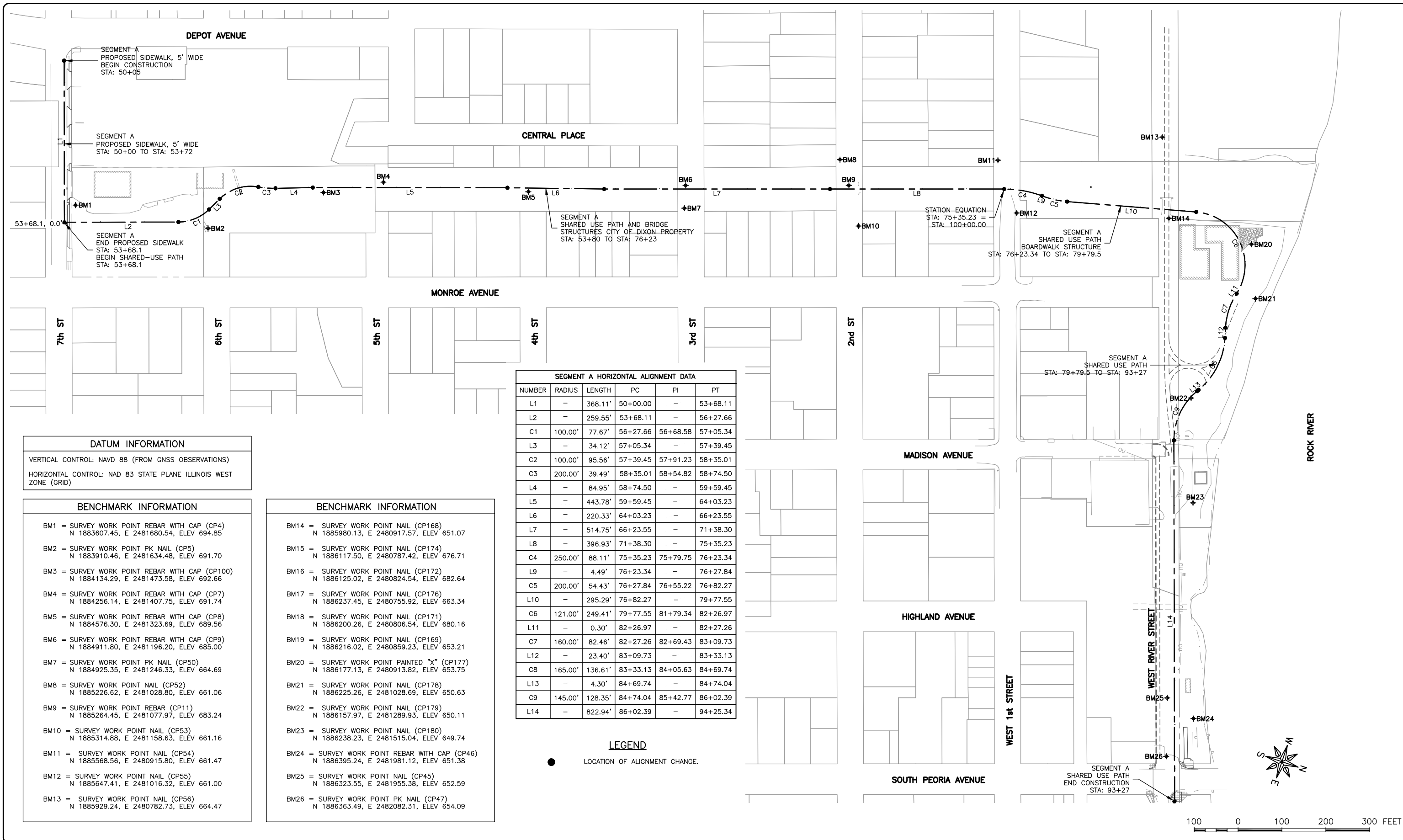
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
TYPICAL SECTIONS

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JOB NUMBER:
17-067B

SHEET NUMBER:
C10.0



SEGMENT A HORIZONTAL ALIGNMENT DATA

NUMBER	RADIUS	LENGTH	PC	PI	PT
L1	-	368.11'	50+00.00	-	53+68.11
L2	-	259.55'	53+68.11	-	56+27.66
C1	100.00'	77.67'	56+27.66	56+68.58	57+05.34
L3	-	34.12'	57+05.34	-	57+39.45
C2	100.00'	95.56'	57+39.45	57+91.23	58+35.01
C3	200.00'	39.49'	58+35.01	58+54.82	58+74.50
L4	-	84.95'	58+74.50	-	59+59.45
L5	-	443.78'	59+59.45	-	64+03.23
L6	-	220.33'	64+03.23	-	66+23.55
L7	-	514.75'	66+23.55	-	71+38.30
L8	-	396.93'	71+38.30	-	75+35.23
C4	250.00'	88.11'	75+35.23	75+79.75	76+23.34
L9	-	4.49'	76+23.34	-	76+27.84
C5	200.00'	54.43'	76+27.84	76+55.22	76+82.27
L10	-	295.29'	76+82.27	-	79+77.55
C6	121.00'	249.41'	79+77.55	81+79.34	82+26.97
L11	-	0.30'	82+26.97	-	82+27.26
C7	160.00'	82.46'	82+27.26	82+69.43	83+09.73
L12	-	23.40'	83+09.73	-	83+33.13
C8	165.00'	136.61'	83+33.13	84+05.63	84+69.74
L13	-	4.30'	84+69.74	-	84+74.04
C9	145.00'	128.35'	84+74.04	85+42.77	86+02.39
L14	-	822.94'	86+02.39	-	94+25.34

LEGEND

● LOCATION OF ALIGNMENT CHANGE.

DATUM INFORMATION

VERTICAL CONTROL: NAVD 88 (FROM GNSS OBSERVATIONS)
 HORIZONTAL CONTROL: NAD 83 STATE PLANE ILLINOIS WEST ZONE (GRID)

BENCHMARK INFORMATION

BM1 = SURVEY WORK POINT REBAR WITH CAP (CP4)
 N 1883607.45, E 2481680.54, ELEV 694.85

BM2 = SURVEY WORK POINT PK NAIL (CP5)
 N 1883910.46, E 2481634.48, ELEV 691.70

BM3 = SURVEY WORK POINT REBAR WITH CAP (CP100)
 N 1884134.29, E 2481473.58, ELEV 692.66

BM4 = SURVEY WORK POINT REBAR WITH CAP (CP7)
 N 1884256.14, E 2481407.75, ELEV 691.74

BM5 = SURVEY WORK POINT REBAR WITH CAP (CP8)
 N 1884576.30, E 2481323.69, ELEV 689.56

BM6 = SURVEY WORK POINT REBAR WITH CAP (CP9)
 N 1884911.80, E 2481196.23, ELEV 685.00

BM7 = SURVEY WORK POINT PK NAIL (CP50)
 N 1884925.35, E 2481246.33, ELEV 664.69

BM8 = SURVEY WORK POINT NAIL (CP52)
 N 1885226.62, E 2481028.80, ELEV 661.06

BM9 = SURVEY WORK POINT REBAR (CP11)
 N 1885264.45, E 2481077.97, ELEV 683.24

BM10 = SURVEY WORK POINT NAIL (CP53)
 N 1885314.88, E 2481158.63, ELEV 661.16

BM11 = SURVEY WORK POINT NAIL (CP54)
 N 1885568.56, E 2480915.80, ELEV 661.47

BM12 = SURVEY WORK POINT NAIL (CP55)
 N 1885647.41, E 2481016.32, ELEV 661.00

BM13 = SURVEY WORK POINT NAIL (CP56)
 N 1885929.24, E 2480782.73, ELEV 664.47

BENCHMARK INFORMATION

BM14 = SURVEY WORK POINT NAIL (CP168)
 N 1885980.13, E 2480917.57, ELEV 651.07

BM15 = SURVEY WORK POINT NAIL (CP174)
 N 1886117.50, E 2480787.42, ELEV 676.71

BM16 = SURVEY WORK POINT NAIL (CP172)
 N 1886125.02, E 2480824.54, ELEV 682.64

BM17 = SURVEY WORK POINT NAIL (CP176)
 N 1886237.45, E 2480755.92, ELEV 663.34

BM18 = SURVEY WORK POINT NAIL (CP171)
 N 1886200.26, E 2480806.54, ELEV 680.16

BM19 = SURVEY WORK POINT NAIL (CP169)
 N 1886216.02, E 2480859.23, ELEV 653.21

BM20 = SURVEY WORK POINT PAINTED "X" (CP177)
 N 1886177.13, E 2480913.82, ELEV 653.75

BM21 = SURVEY WORK POINT NAIL (CP178)
 N 1886225.26, E 2481028.80, ELEV 650.63

BM22 = SURVEY WORK POINT NAIL (CP179)
 N 1886157.97, E 2481289.93, ELEV 650.11

BM23 = SURVEY WORK POINT NAIL (CP180)
 N 1886238.23, E 2481515.04, ELEV 649.74

BM24 = SURVEY WORK POINT REBAR WITH CAP (CP46)
 N 1886395.24, E 2481981.12, ELEV 651.38

BM25 = SURVEY WORK POINT NAIL (CP45)
 N 1886323.55, E 2481955.38, ELEV 652.59

BM26 = SURVEY WORK POINT PK NAIL (CP47)
 N 1886363.49, E 2482082.31, ELEV 654.09

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 121 WEST 2ND STREET
 DIXON, IL 61016

PROJECT AND LOCATION:
 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO. MXY3(094)
 JOB C-92-024-19

DRAWN BY: MS
 APPROVED BY: JS
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 SCALE: AS NOTED

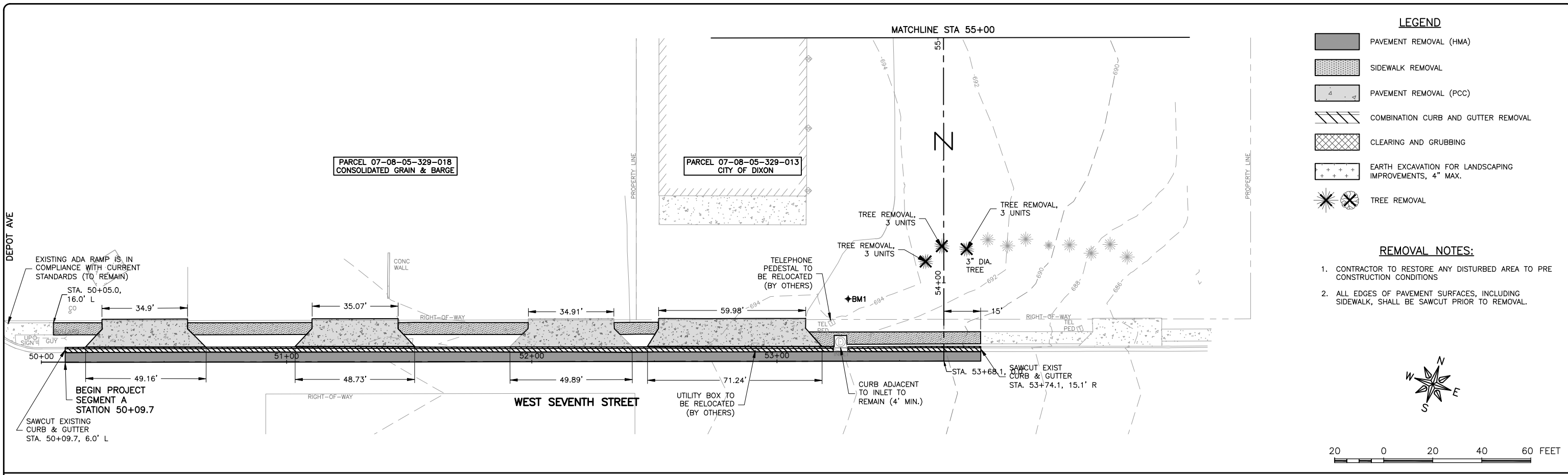
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 SEGMENT A ALIGNMENTS, TIES AND BENCHMARKS

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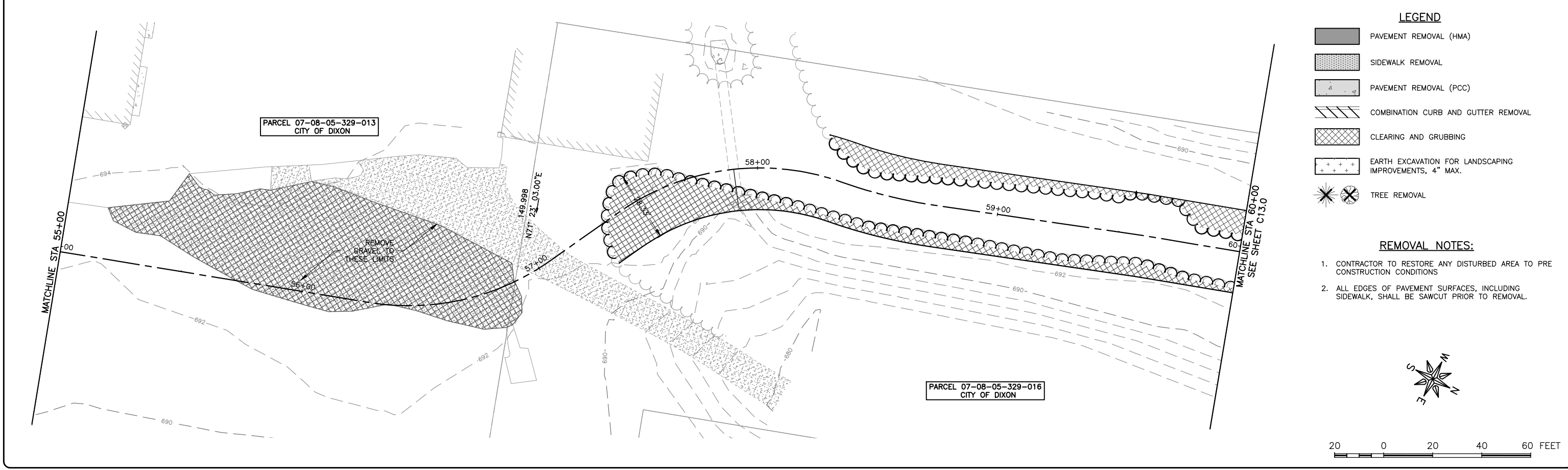
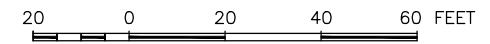
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 17-067B

SHEET NUMBER:
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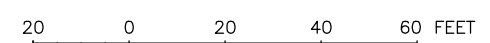
- LEGEND**
- PAVEMENT REMOVAL (HMA)
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL (PCC)
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLEARING AND GRUBBING
 - EARTH EXCAVATION FOR LANDSCAPING IMPROVEMENTS, 4" MAX.
 - TREE REMOVAL

- REMOVAL NOTES:**
1. CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 2. ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, SHALL BE SAWCUT PRIOR TO REMOVAL.



- LEGEND**
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DRAWN BY: MS
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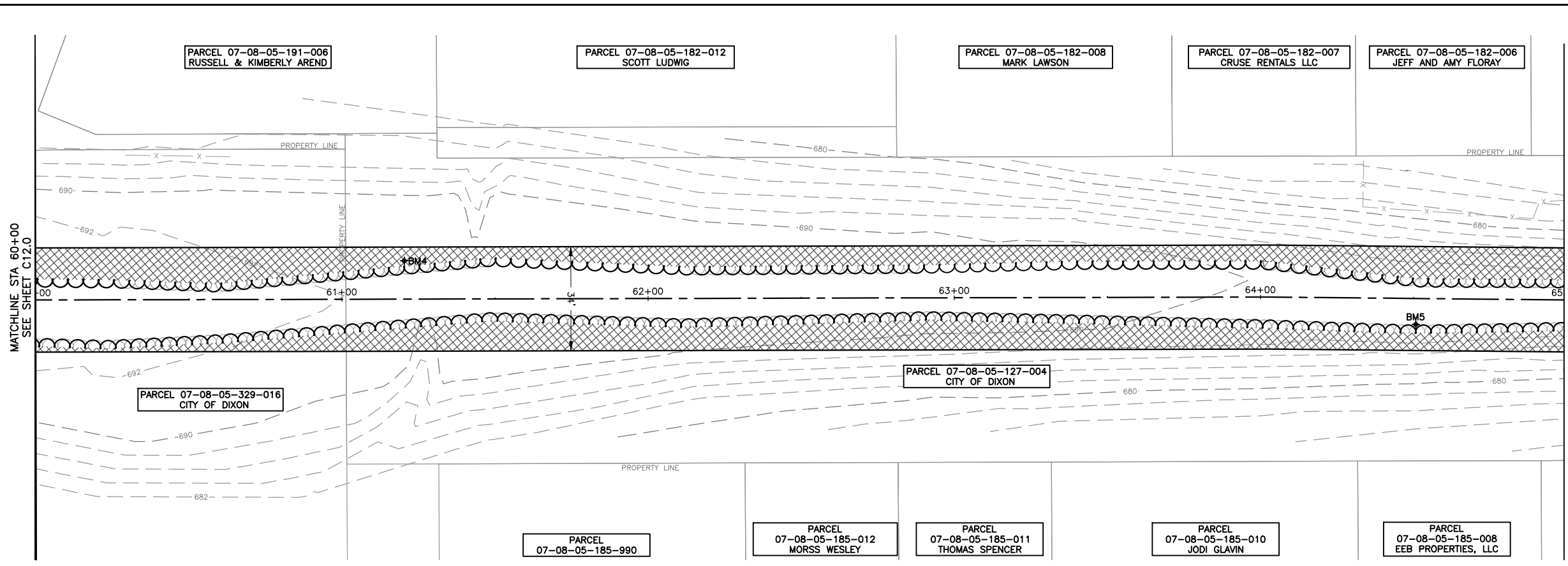
DRAWING:
REMOVAL PLAN, SEGMENT A
STA 50+00 TO STA 60+00

SET TYPE: FOR BID SET

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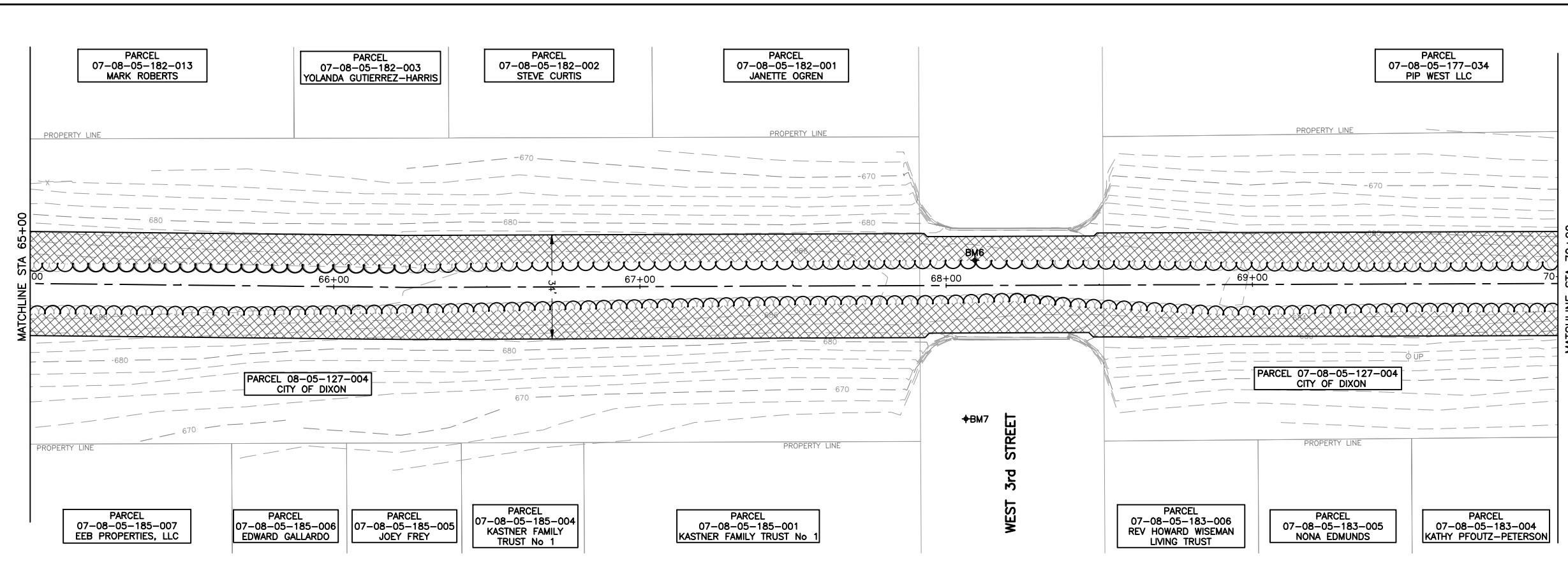
JOB NUMBER:
17-067B

SHEET NUMBER:
C12.0



- LEGEND**
- PAVEMENT REMOVAL (HMA)
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL (PCC)
 - COMBINATION CURB AND GUTTER REMOVAL
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 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL (PCC)
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLEARING AND GRUBBING
 - EARTH EXCAVATION FOR LANDSCAPING IMPROVEMENTS, 4" MAX.
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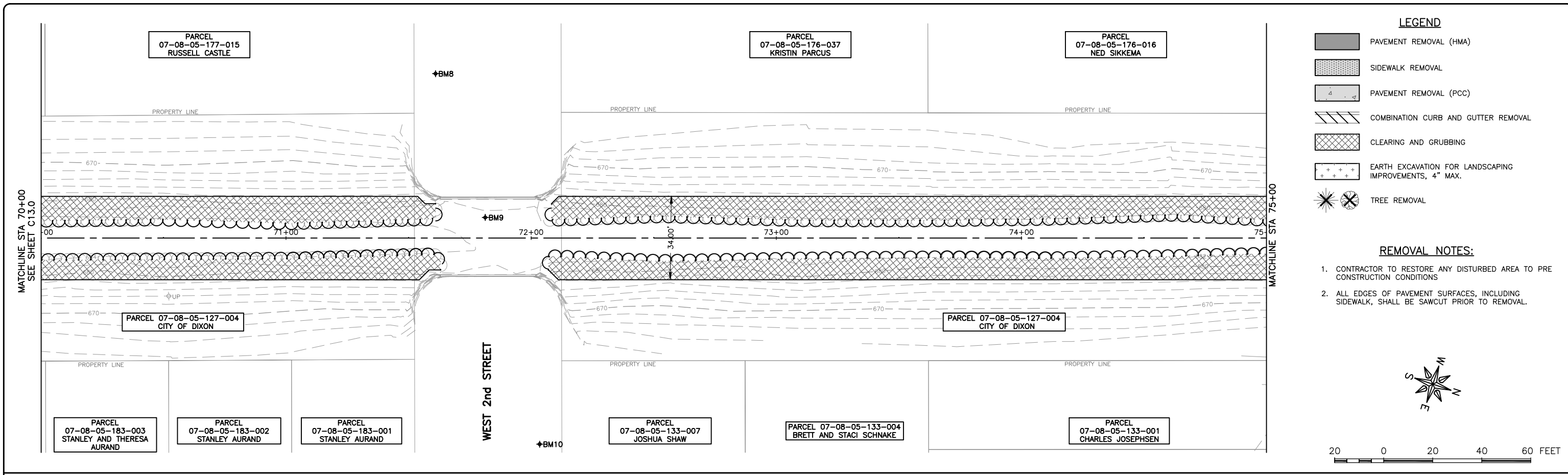
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
REMOVAL PLAN, SEGMENT A
STA 60+00 TO STA 70+00

SET TYPE: FOR BID SET
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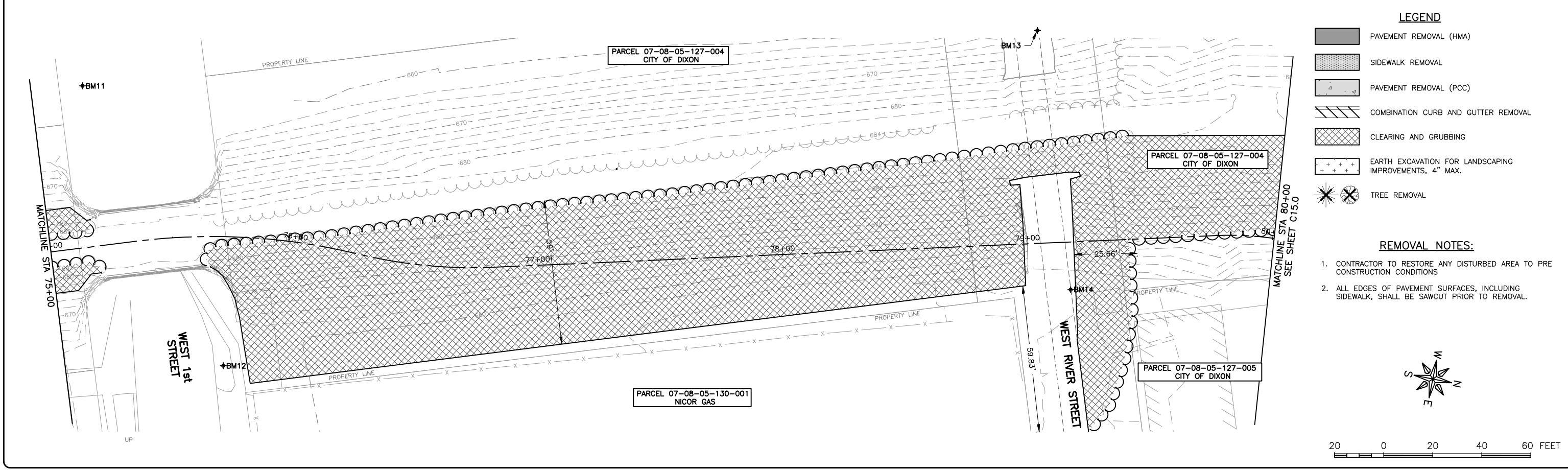
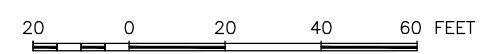
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17-067B

SHEET NUMBER:
C13.0



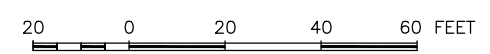
- LEGEND**
- PAVEMENT REMOVAL (HMA)
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL (PCC)
 - COMBINATION CURB AND GUTTER REMOVAL
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 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL (PCC)
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLEARING AND GRUBBING
 - EARTH EXCAVATION FOR LANDSCAPING IMPROVEMENTS, 4" MAX.
 - TREE REMOVAL

- REMOVAL NOTES:**
1. CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 2. ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, SHALL BE SAWCUT PRIOR TO REMOVAL.



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

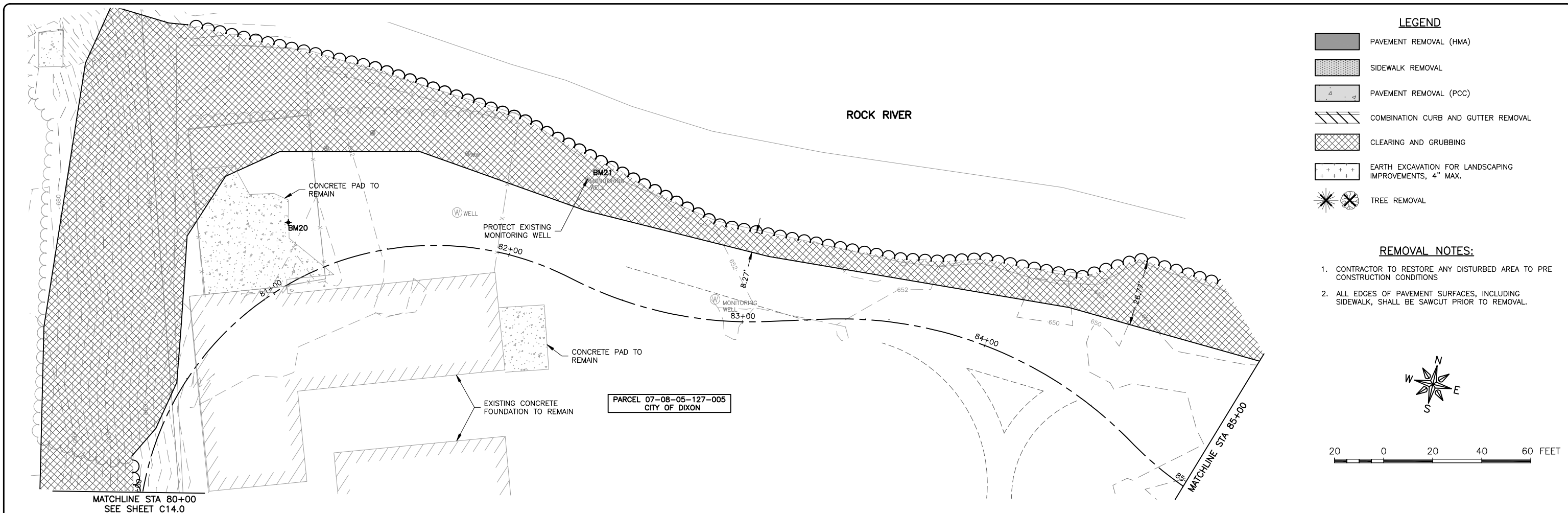
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
REMOVAL PLAN, SEGMENT A
STA 70+00 TO STA 80+00

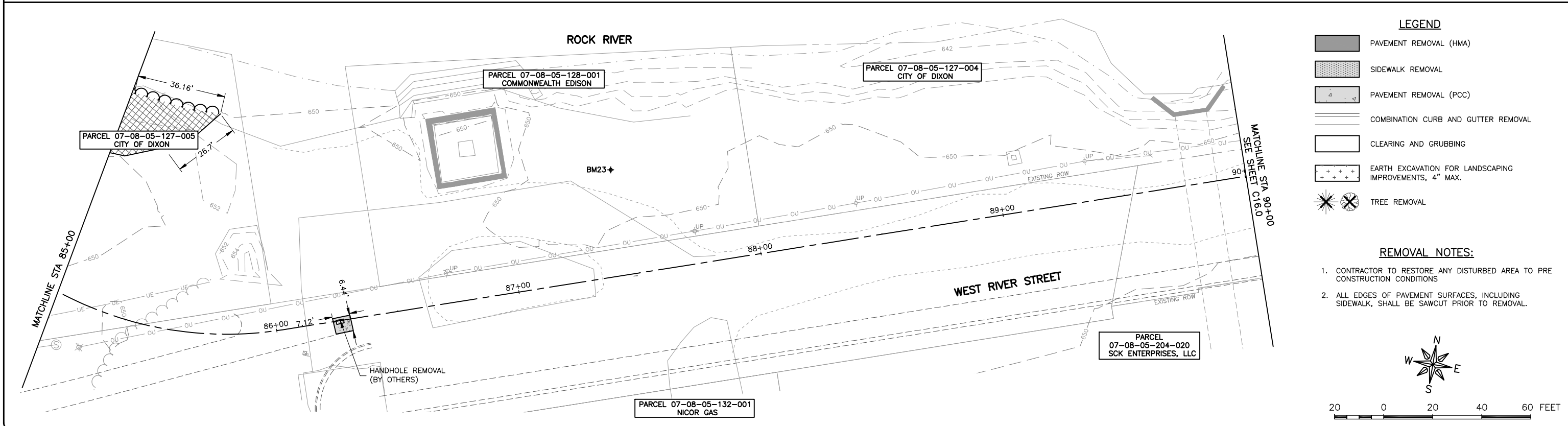
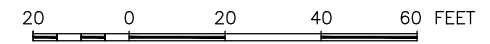
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JOB NUMBER:
17-067B

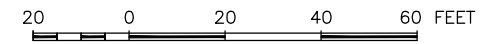
SHEET NUMBER:
C14.0



- LEGEND**
- PAVEMENT REMOVAL (HMA)
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL (PCC)
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLEARING AND GRUBBING
 - EARTH EXCAVATION FOR LANDSCAPING IMPROVEMENTS, 4" MAX.
 - TREE REMOVAL
- REMOVAL NOTES:**
- CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 - ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, SHALL BE SAWCUT PRIOR TO REMOVAL.



- LEGEND**
- PAVEMENT REMOVAL (HMA)
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL (PCC)
 - COMBINATION CURB AND GUTTER REMOVAL
 - CLEARING AND GRUBBING
 - EARTH EXCAVATION FOR LANDSCAPING IMPROVEMENTS, 4" MAX.
 - TREE REMOVAL
- REMOVAL NOTES:**
- CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 - ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, SHALL BE SAWCUT PRIOR TO REMOVAL.



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121 WEST 2ND STREET
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PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

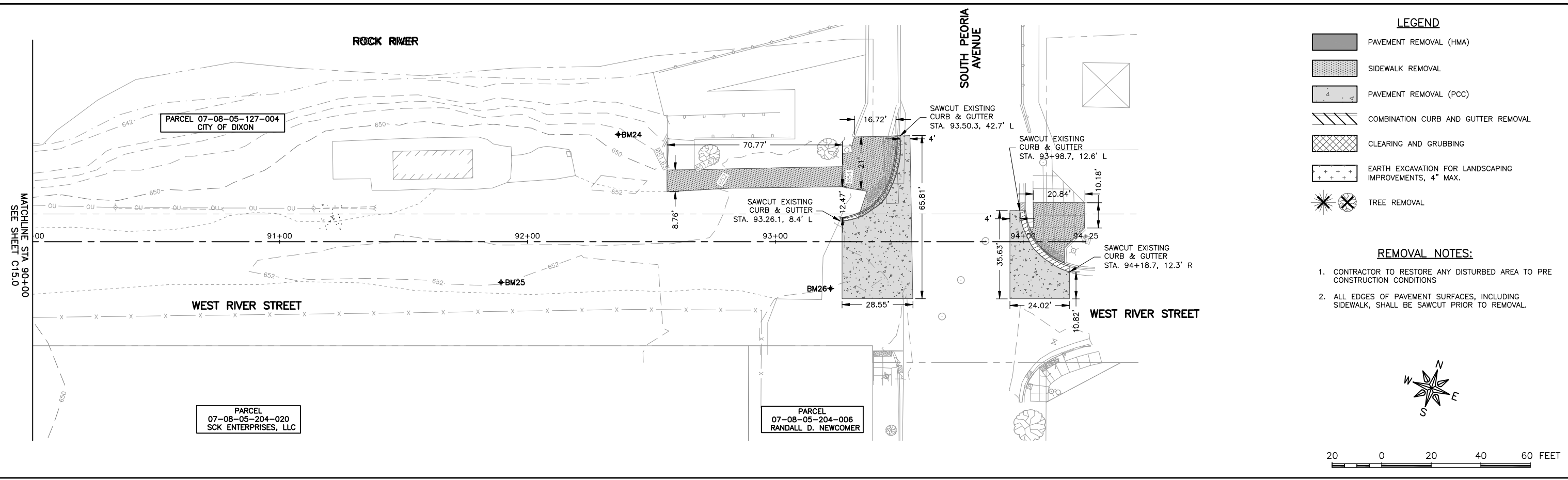
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STA 80+00 TO STA 90+00

SET TYPE: FOR BID SET

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JOB NUMBER:
17-067B

SHEET NUMBER:
C15.0



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ILLINOIS
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121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
REMOVAL PLAN, SEGMENT A
STA 90+00 TO STA 93+27

SET TYPE: FOR BID SET

G:\C30\17-0678\17-067A - Design.dwg, REM-5

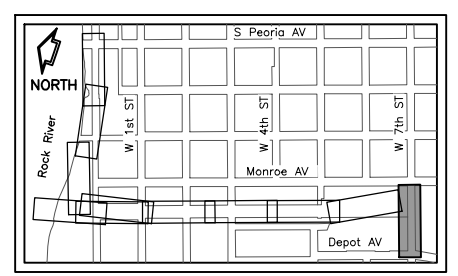
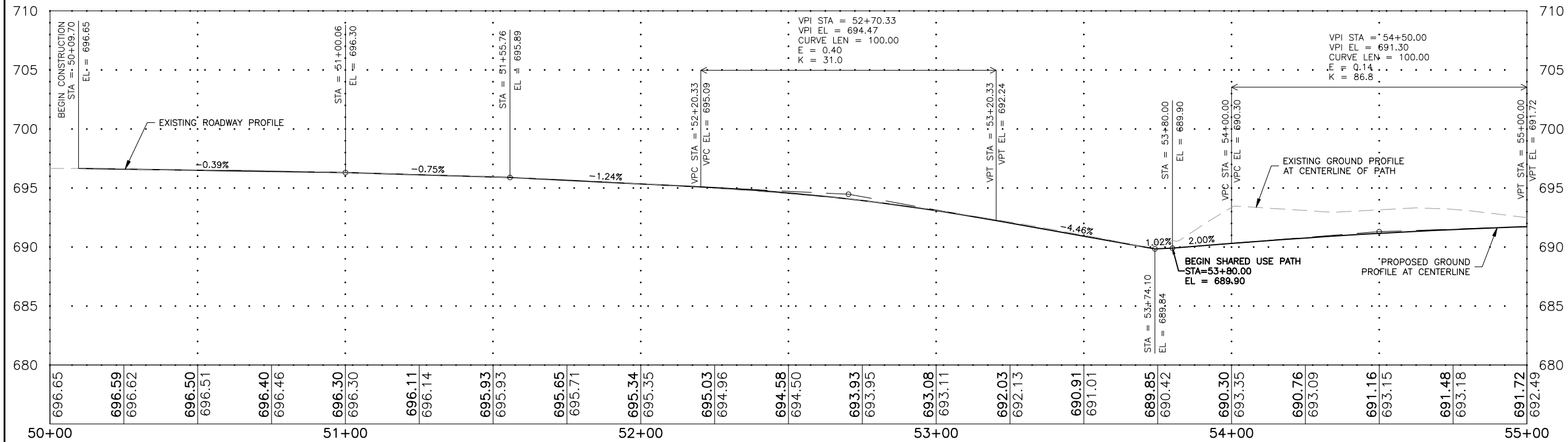
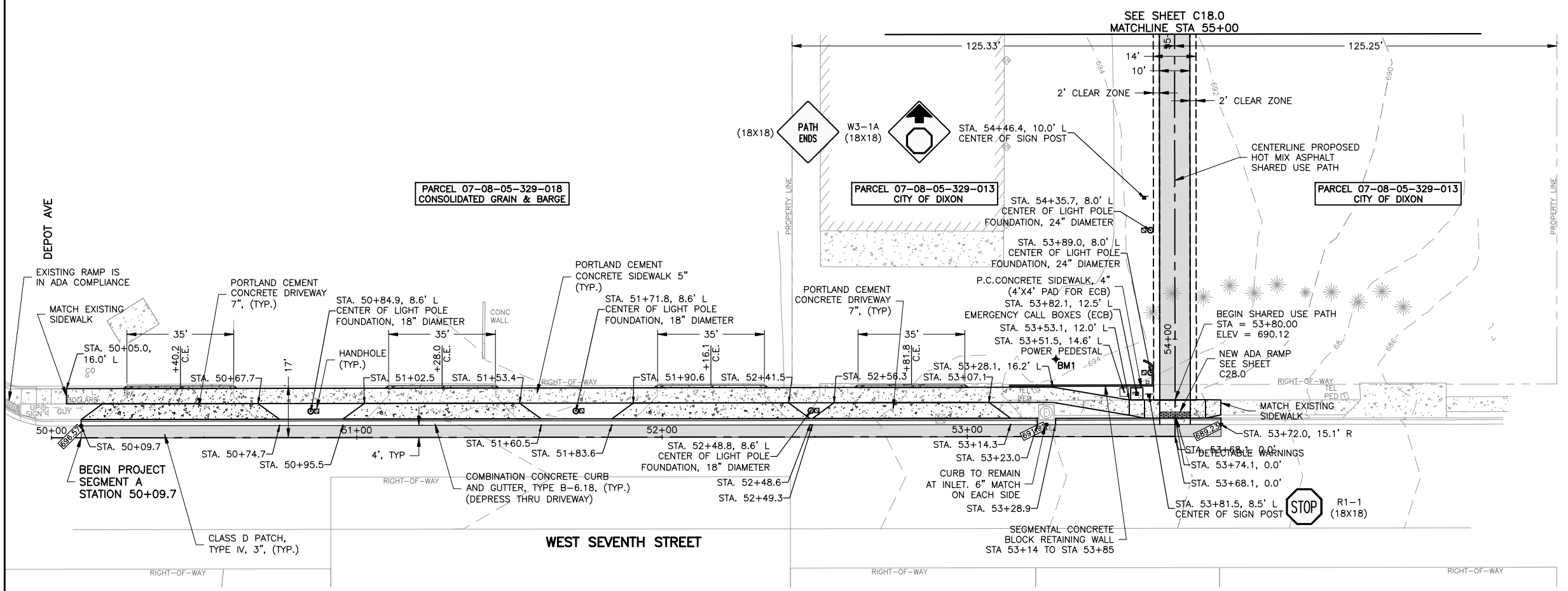
JOB NUMBER:
17-067B

SHEET NUMBER:
C16.0

LEGEND

	BOARDWALK
	HOT-MIX ASPHALT PAVEMENT
	PORTLAND CEMENT CONCRETE PAVEMENT
	EMERGENCY CALL BOX (ECB)

- STANDARD NOTES:**
- SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
 - CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 - ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
 - POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
 - PIPE UNDERDRAINS SHALL BE PERFORATED CORRUGATED POLYETHYLENE (PE) PIPE WITH A SMOOTH INTERIOR.



BENCHMARK INFORMATION

BM1 = SURVEY WORK POINT REBAR WITH CAP (CP4)
 N 1883607.45, E 2481680.54, ELEV 694.85

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 121 WEST 2ND STREET
 DIXON, IL 61016

PROJECT AND LOCATION:
 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO. MXY3(094)
 JOB C-92-024-19

DRAWN BY: MS
 APPROVED BY: JS
 DATE: 10/19/22
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE 50+00 TO 55+00
 SEGMENT A

SET TYPE: FOR BID SET
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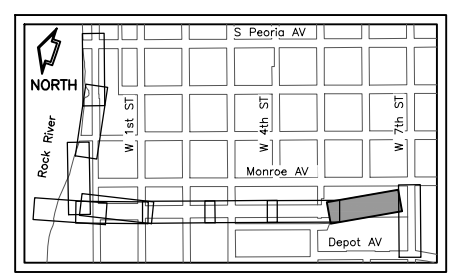
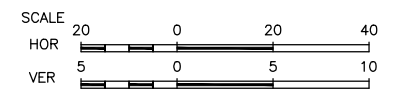
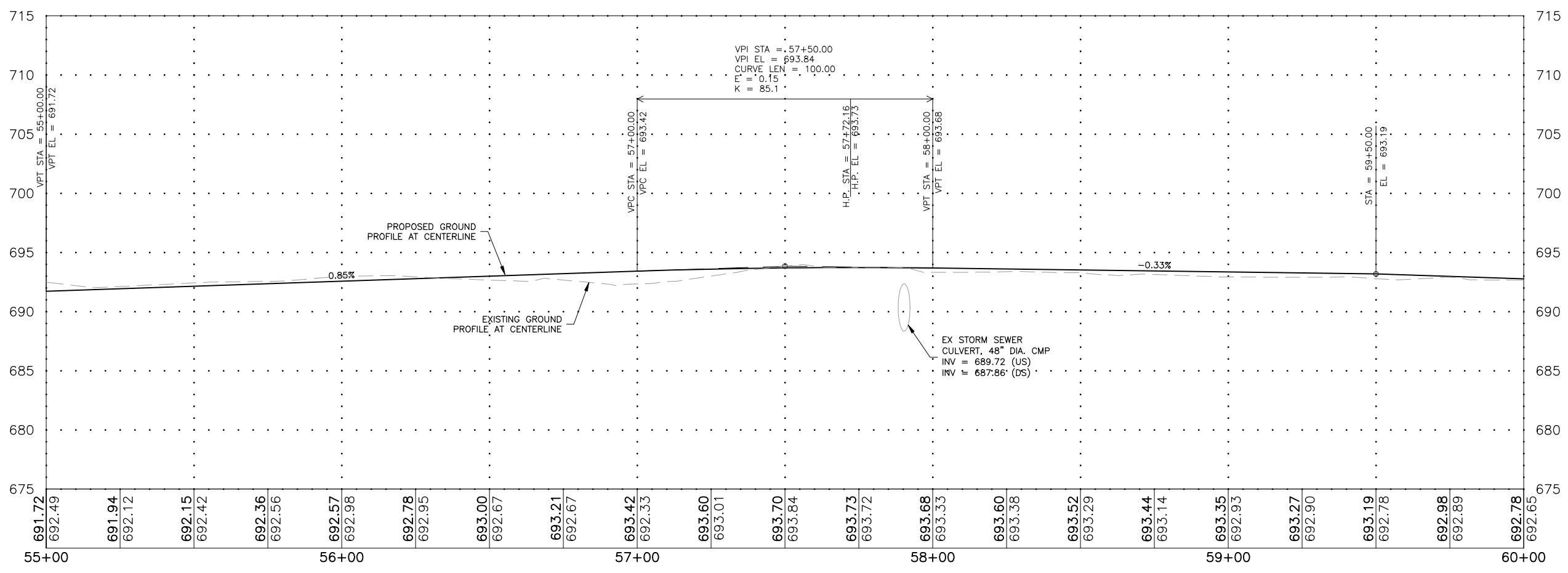
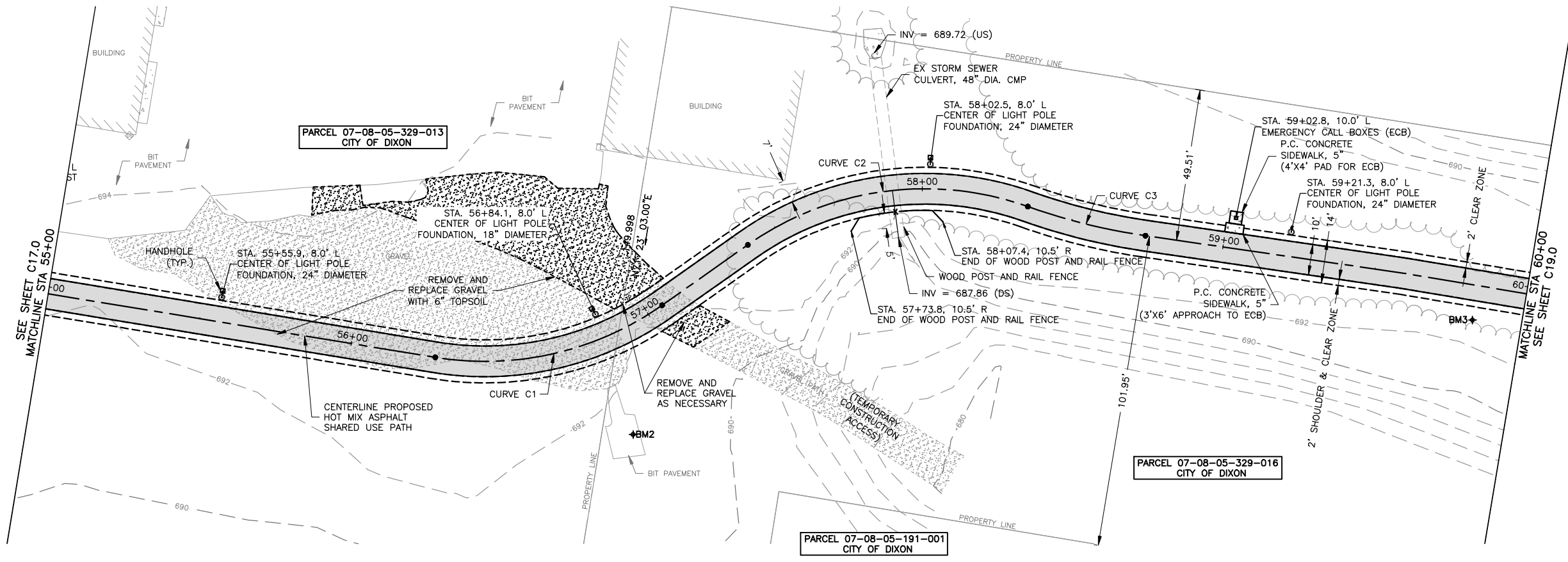
JOB NUMBER:
 17-067B

SHEET NUMBER:
 C17.0

LEGEND

	BOARDWALK
	HOT-MIX ASPHALT PAVEMENT
	PORTLAND CEMENT CONCRETE PAVEMENT
	EMERGENCY CALL BOX (ECB)

- STANDARD NOTES:**
1. SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
 2. CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 3. ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
 4. POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
 5. PIPE UNDERDRAINS SHALL BE PERFORATED CORRUGATED POLYETHYLENE (PE) PIPE WITH A SMOOTH INTERIOR.



BENCHMARK INFORMATION

BM2 = SURVEY WORK POINT PK NAIL (CP5) N 1883910.46, E 2481634.48, ELEV 691.70
BM3 = SURVEY WORK POINT REBAR WITH CAP (CP100) N 1884134.29, E 2481473.58, ELEV 692.66

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121 WEST 2ND STREET
DIXON, IL 61016

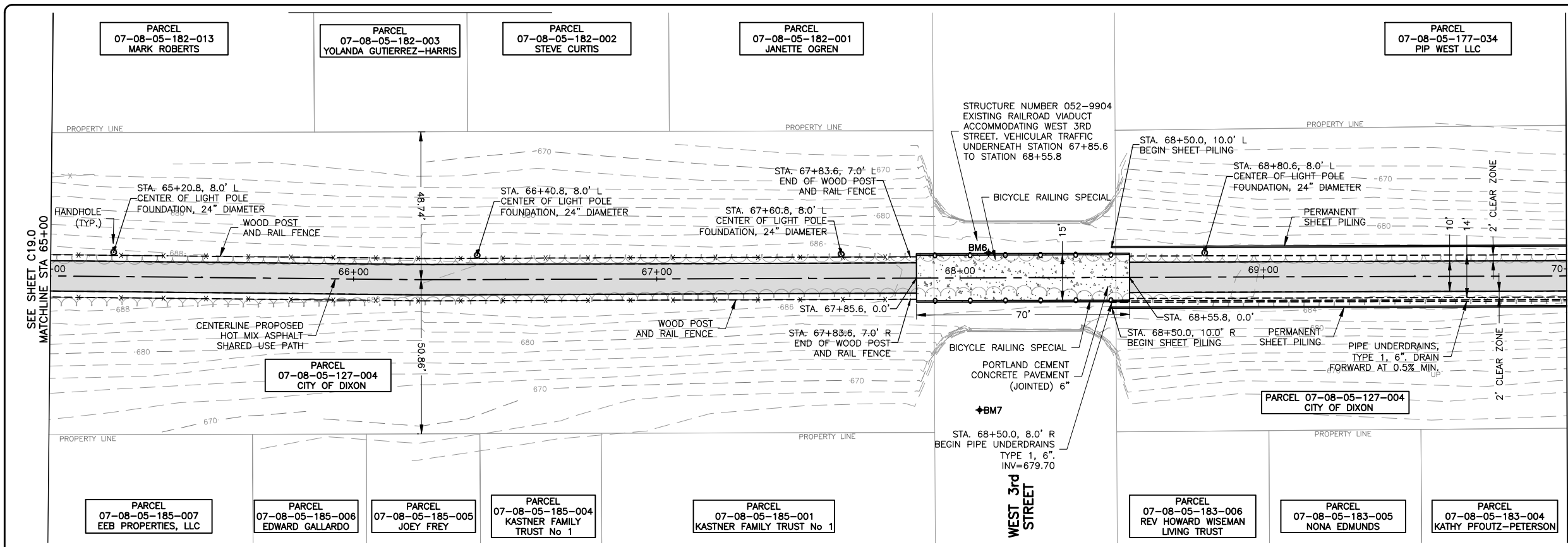
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
PLAN AND PROFILE 55+00 TO 60+00
SEGMENT A
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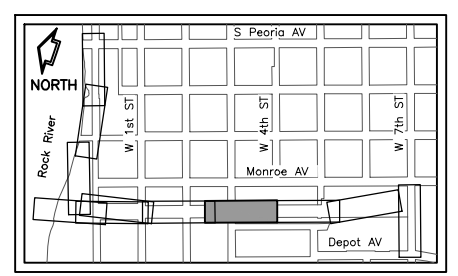
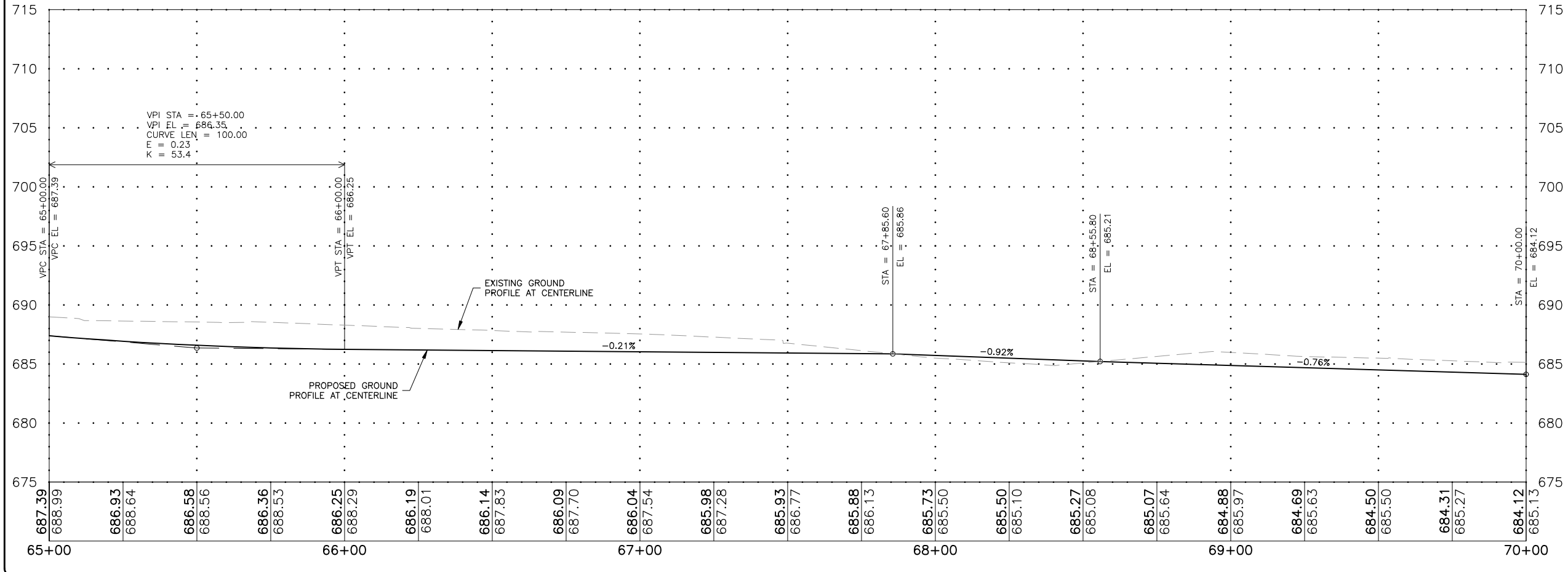
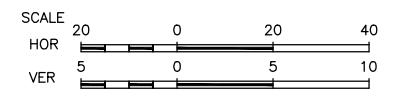
JOB NUMBER:
17-067B
SHEET NUMBER:
C18.0



LEGEND

- BOARDWALK
- HOT-MIX ASPHALT PAVEMENT
- PORTLAND CEMENT CONCRETE PAVEMENT
- EMERGENCY CALL BOX (ECB)

- STANDARD NOTES:**
- SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
 - CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 - ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
 - POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
 - PIPE UNDERDRAINS SHALL BE PERFORATED CORRUGATED POLYETHYLENE (PE) PIPE WITH A SMOOTH INTERIOR.



BENCHMARK INFORMATION

BM6 = SURVEY WORK POINT REBAR WITH CAP (CP9)
N 1884911.80, E 2481196.20, ELEV 685.00

BM7 = SURVEY WORK POINT PK NAIL (CP50)
N 1884925.35, E 2481246.33, ELEV 664.69

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121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

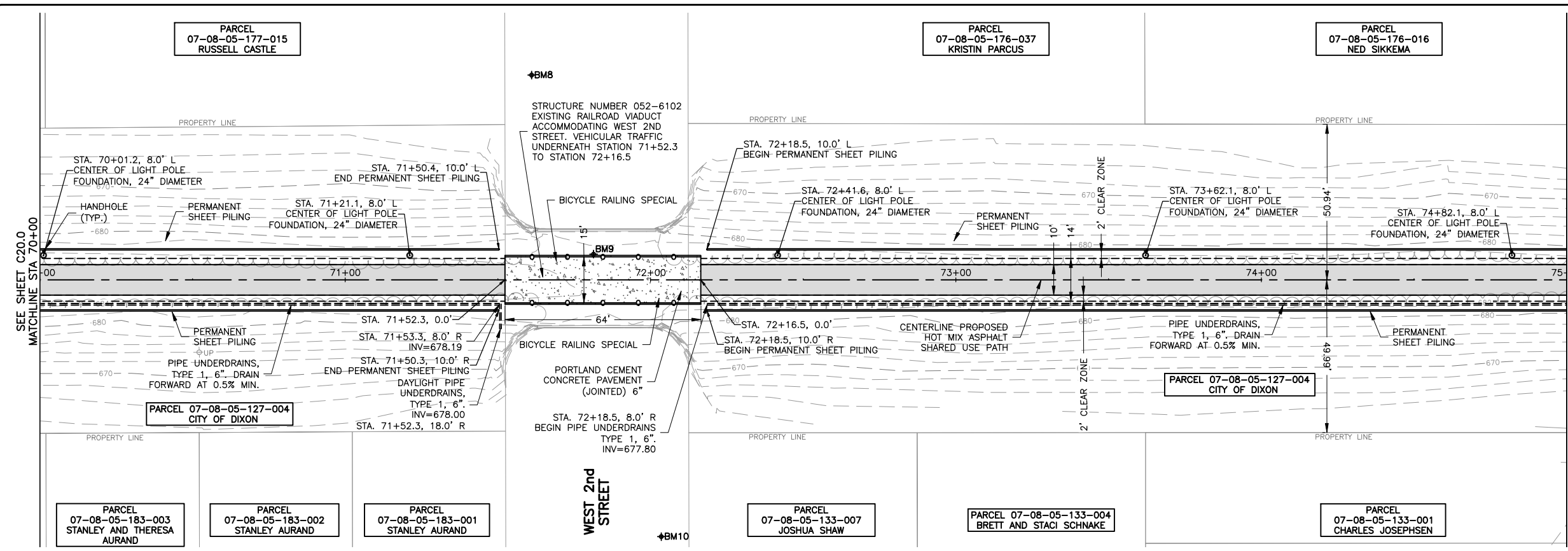
REVISIONS		
REV. NO.	DESCRIPTION	DATE

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PLAN AND PROFILE 65+00 TO 70+00
SEGMENT A

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JOB NUMBER:
17-067B

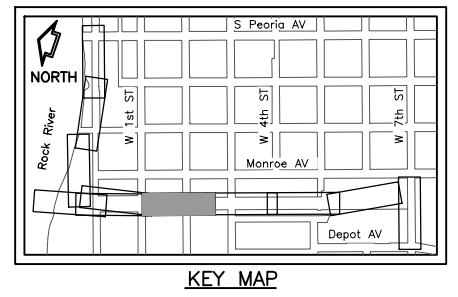
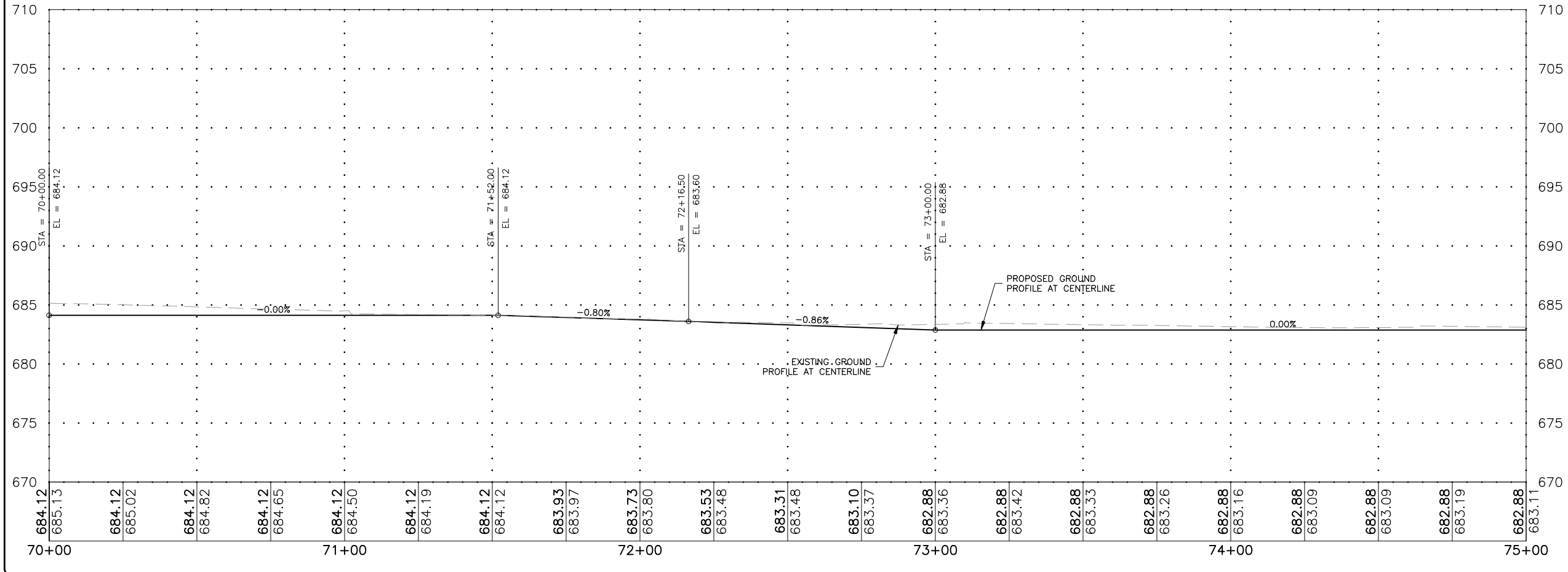
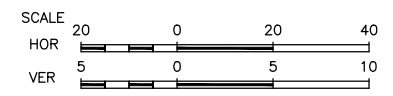
SHEET NUMBER:
C20.0



LEGEND

	BOARDWALK
	HOT-MIX ASPHALT PAVEMENT
	PORTLAND CEMENT CONCRETE PAVEMENT
	EMERGENCY CALL BOX (ECB)

- STANDARD NOTES:**
1. SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
 2. CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 3. ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
 4. POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
 5. PIPE UNDERDRAINS SHALL BE PERFORATED CORRUGATED POLYETHYLENE (PE) PIPE WITH A SMOOTH INTERIOR.



BENCHMARK INFORMATION

BM8 = SURVEY WORK POINT NAIL (CP52)
N 1885226.62, E 2481028.80, ELEV 661.06

BM9 = SURVEY WORK POINT REBAR (CP11)
N 1885264.45, E 2481077.97, ELEV 683.24

BM10 = SURVEY WORK POINT NAIL (CP53)
N 1885314.88, E 2481158.63, ELEV 661.16

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DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
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PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
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DATE: 10/19/22
SCALE: AS NOTED

REVISIONS

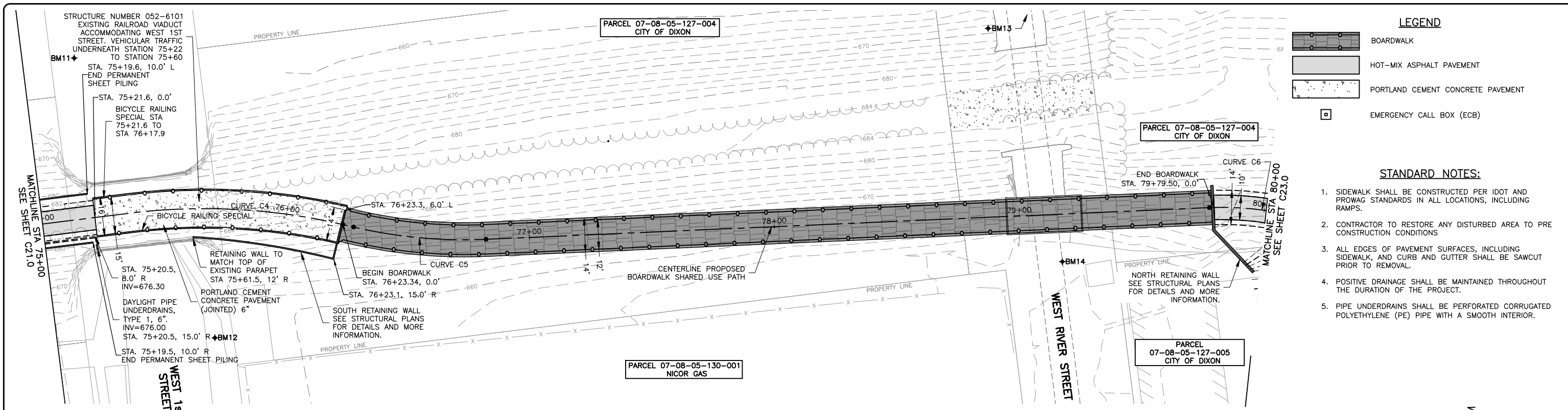
REV. NO.	DESCRIPTION	DATE

DRAWING:
PLAN AND PROFILE 70+00 TO 75+00
SEGMENT A

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JOB NUMBER:
17-067B

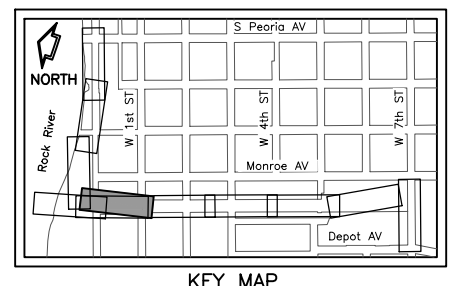
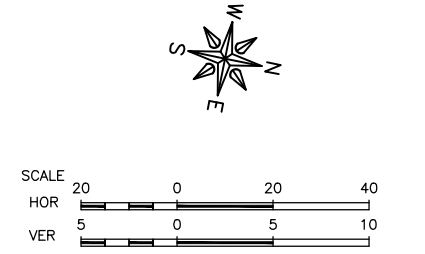
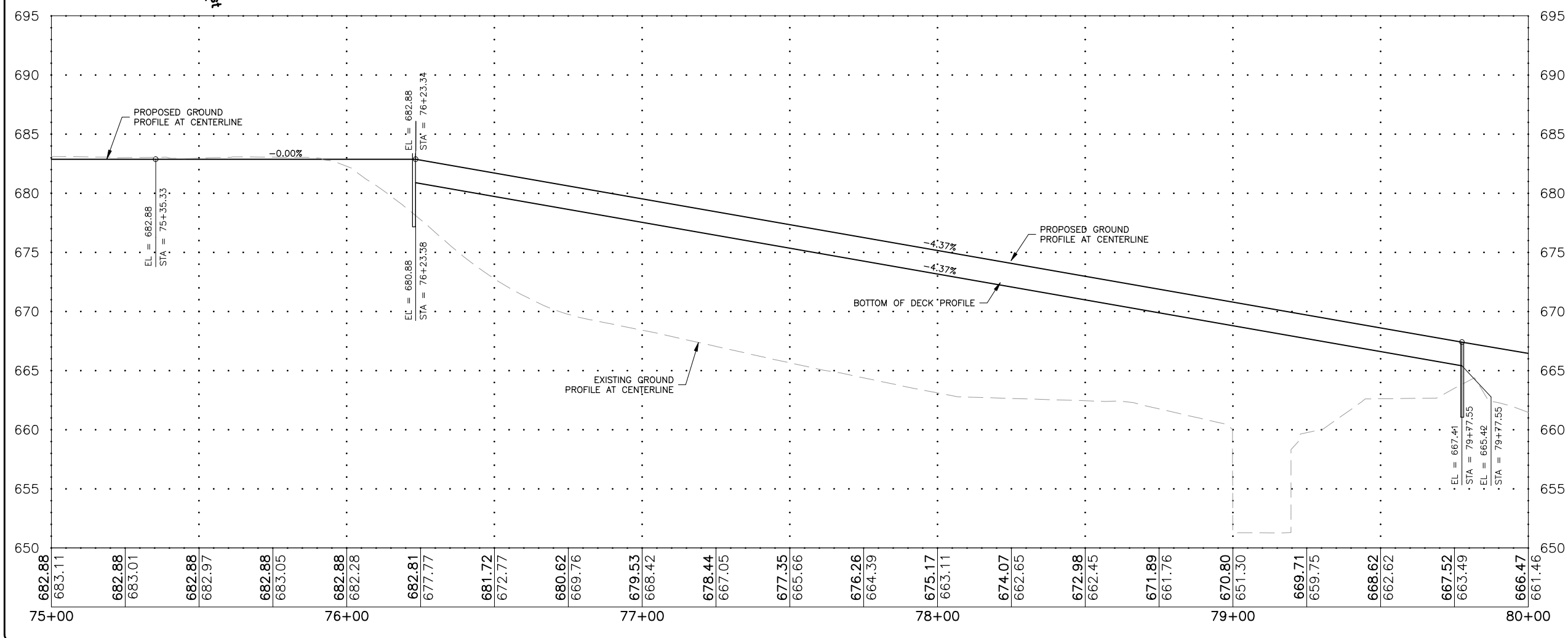
SHEET NUMBER:
C21.0



LEGEND

	BOARDWALK
	HOT-MIX ASPHALT PAVEMENT
	PORTLAND CEMENT CONCRETE PAVEMENT
	EMERGENCY CALL BOX (ECB)

- STANDARD NOTES:**
- SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
 - CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 - ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
 - POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
 - PIPE UNDERDRAINS SHALL BE PERFORATED CORRUGATED POLYETHYLENE (PE) PIPE WITH A SMOOTH INTERIOR.



BENCHMARK INFORMATION

BM11 = SURVEY WORK POINT NAIL (CP54) N 1885568.56, E 2480915.80, ELEV 661.47
BM12 = SURVEY WORK POINT NAIL (CP55) N 1885647.41, E 2481016.32, ELEV 661.00
BM13 = SURVEY WORK POINT NAIL (CP56) N 1885929.24, E 2480782.73, ELEV 664.47
BM14 = SURVEY WORK POINT NAIL (CP168) N 1885980.13, E 2480917.57, ELEV 651.07

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121 WEST 2ND STREET
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PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
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DRAWN BY: MS
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SCALE: AS NOTED

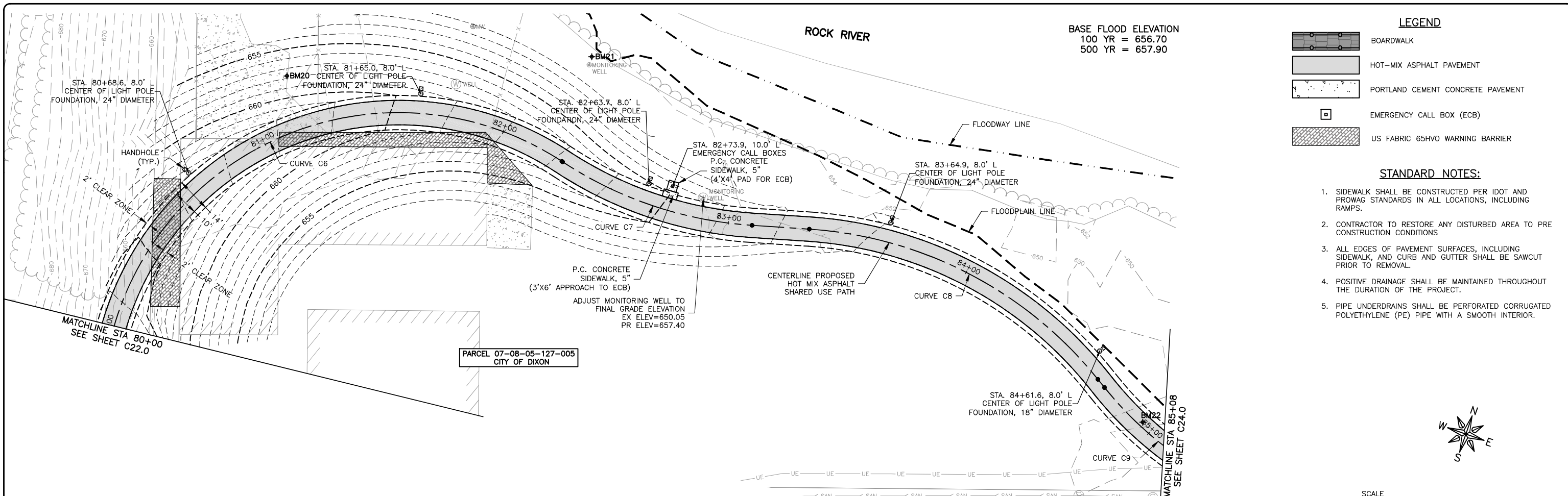
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
PLAN AND PROFILE 75+00 TO 80+00
SEGMENT A

SET TYPE: FOR BID SET
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JOB NUMBER:
17-0678

SHEET NUMBER:
C22.0

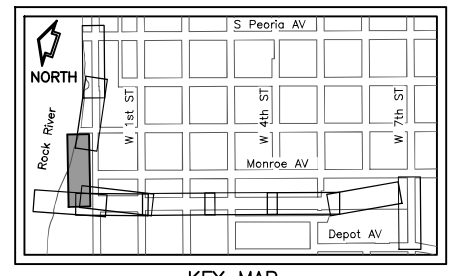
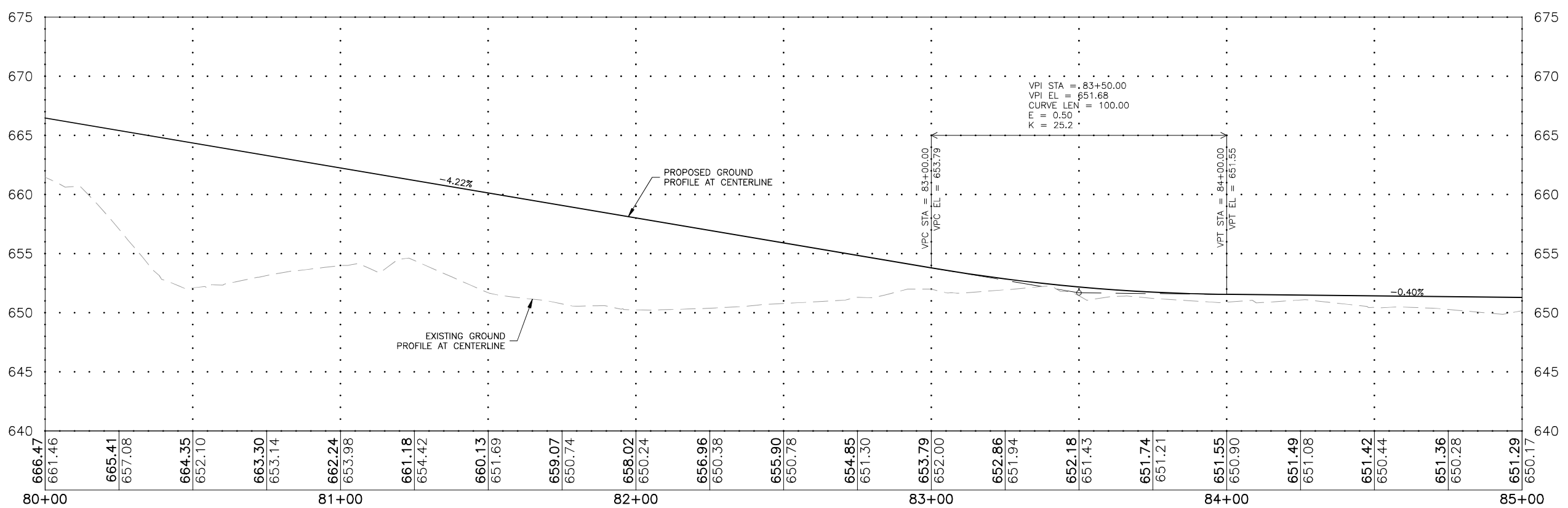
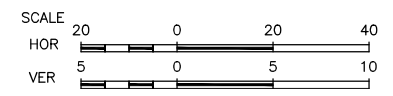


BASE FLOOD ELEVATION
 100 YR = 656.70
 500 YR = 657.90

LEGEND

- BOARDWALK
- HOT-MIX ASPHALT PAVEMENT
- PORTLAND CEMENT CONCRETE PAVEMENT
- EMERGENCY CALL BOX (ECB)
- US FABRIC 65HVO WARNING BARRIER

- STANDARD NOTES:**
- SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
 - CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
 - ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
 - POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
 - PIPE UNDERDRAINS SHALL BE PERFORATED CORRUGATED POLYETHYLENE (PE) PIPE WITH A SMOOTH INTERIOR.



BENCHMARK INFORMATION

BM20 = SURVEY WORK POINT PAINTED "X" (CP177) N 1886177.13, E 2480913.82, ELEV 653.75
BM21 = SURVEY WORK POINT NAIL (CP178) N 1886225.26, E 2481028.69, ELEV 650.63
BM22 = SURVEY WORK POINT NAIL (CP179) N 1886157.97, E 2481289.93, ELEV 650.11

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PROJECT AND LOCATION:
 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO. MXY3(094)
 JOB C-92-024-19

DRAWN BY: MS
 APPROVED BY: JS
 DATE: 10/19/22
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 PLAN AND PROFILE 80+00 TO 85+00
 SEGMENT A

SET TYPE: FOR BID SET

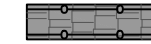

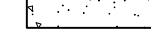


JOB NUMBER:
 17-067B

SHEET NUMBER:
 C23.0

BASE FLOOD ELEVATION
100 YR = 656.70
500 YR = 657.90

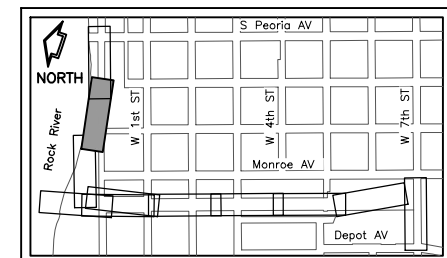
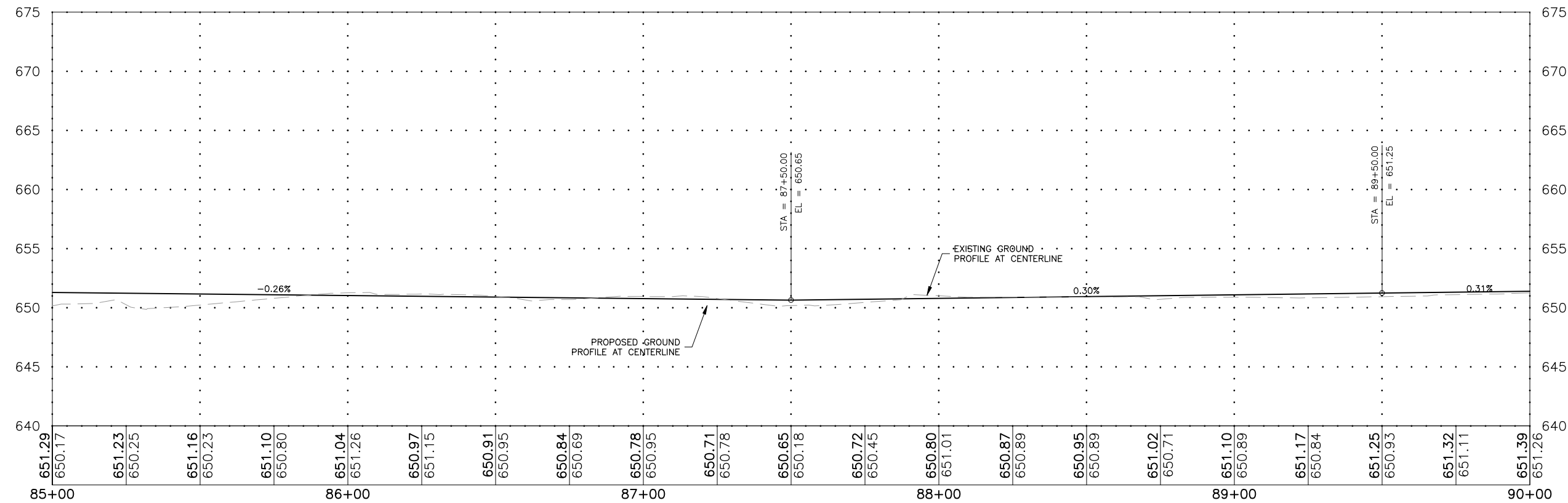
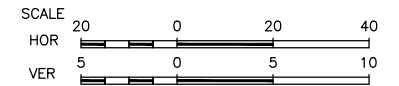
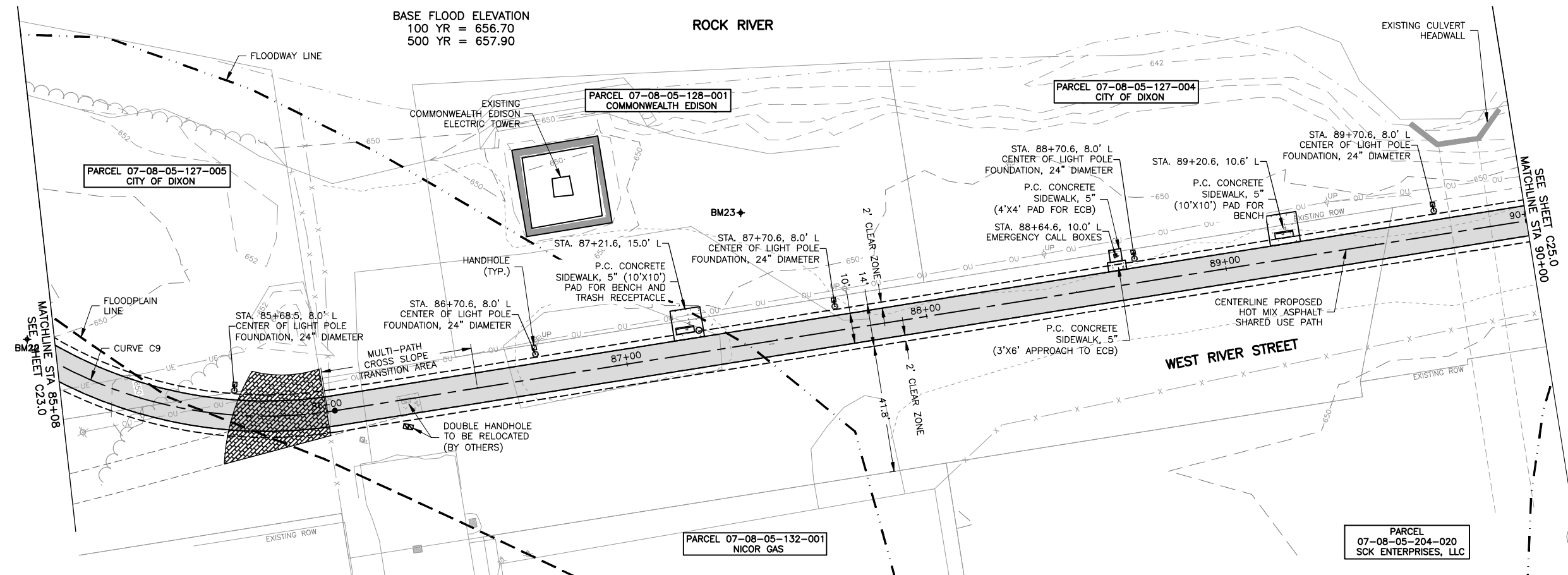
ROCK RIVER

LEGEND

-  BOARDWALK
-  HOT-MIX ASPHALT PAVEMENT
-  PORTLAND CEMENT CONCRETE PAVEMENT
-  EMERGENCY CALL BOX (ECB)
-  US FABRIC 65HVO WARNING BARRIER

STANDARD NOTES:

1. SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
2. CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
3. ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
4. POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
5. PIPE UNDERDRAINS SHALL BE PERFORATED CORRUGATED POLYETHYLENE (PE) PIPE WITH A SMOOTH INTERIOR.



BENCHMARK INFORMATION

BM22 = SURVEY WORK POINT NAIL (CP179) N 1886157.97, E 2481289.93, ELEV 650.11
BM23 = SURVEY WORK POINT NAIL (CP180) N 1886238.23, E 2481515.04, ELEV 649.74

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ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
PLAN AND PROFILE 85+00 TO 90+00
SEGMENT A

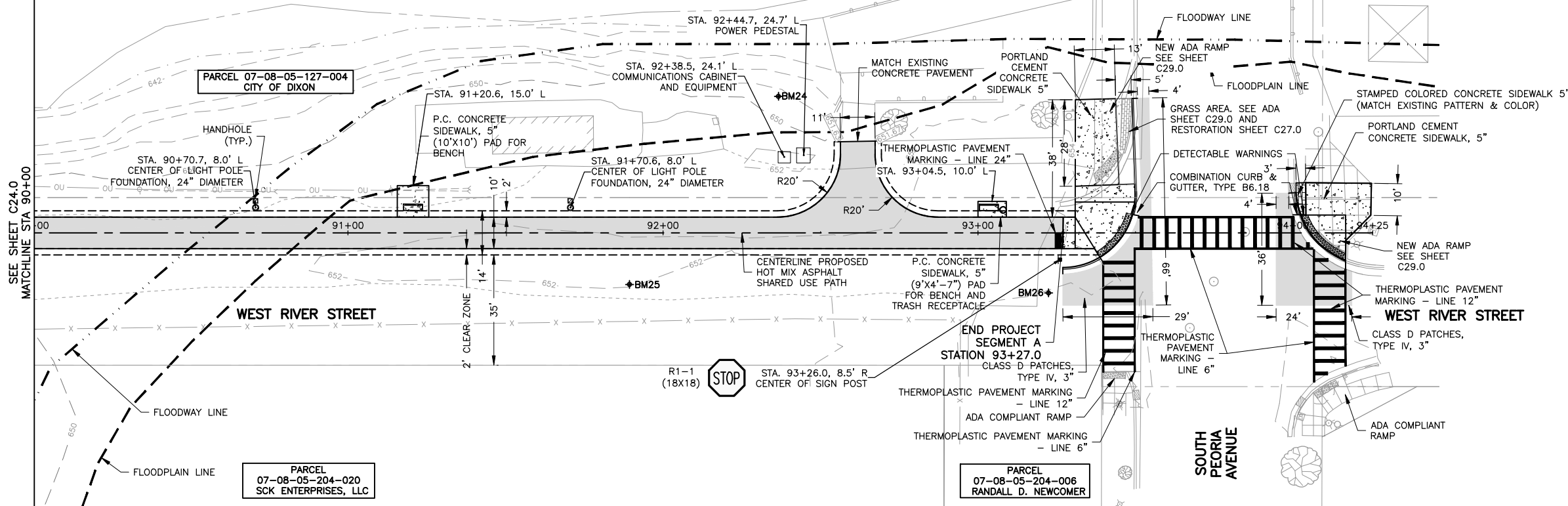
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SHEET NUMBER:
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BASE FLOOD ELEVATION
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500 YR = 657.90

ROCK RIVER

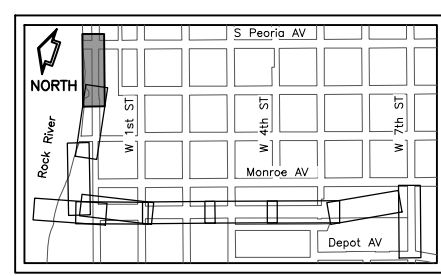
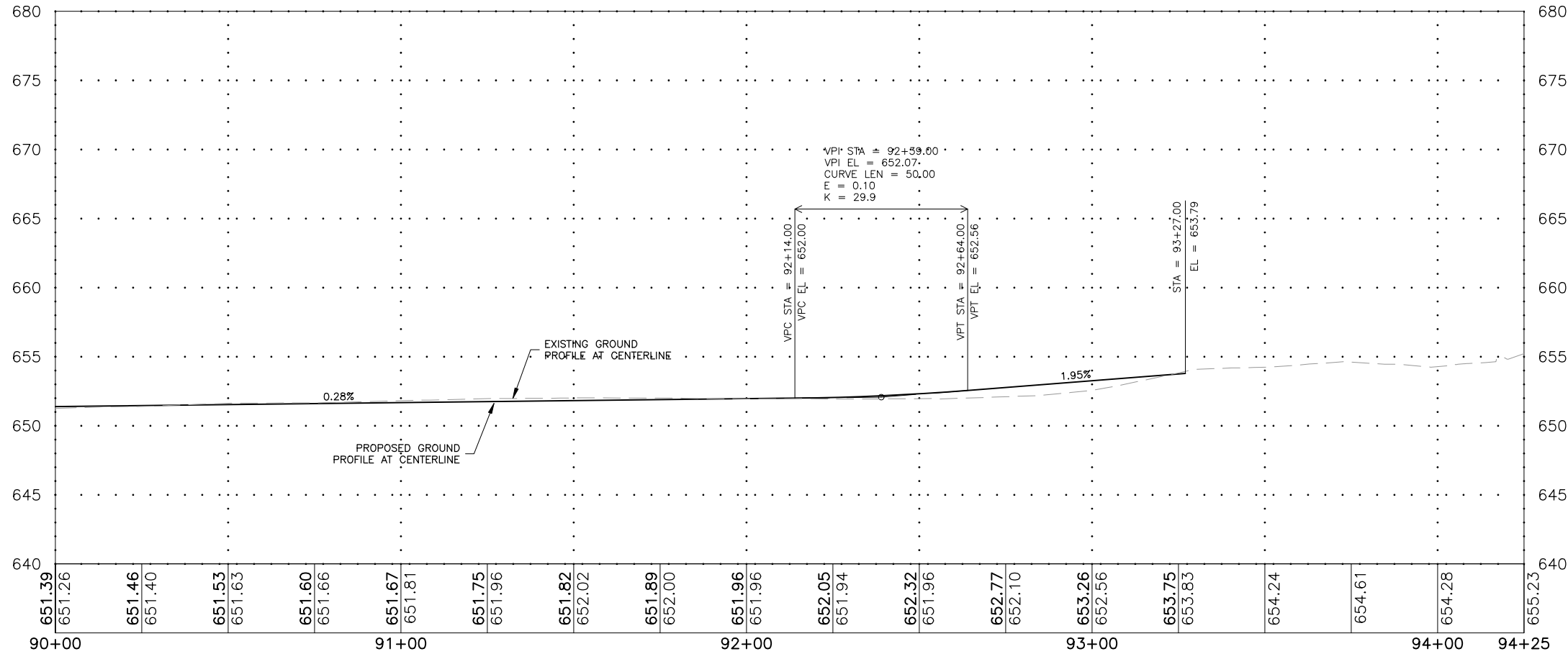
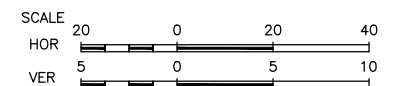


LEGEND

	BOARDWALK
	HOT-MIX ASPHALT PAVEMENT
	PORTLAND CEMENT CONCRETE PAVEMENT
	EMERGENCY CALL BOX (ECB)

STANDARD NOTES:

1. SIDEWALK SHALL BE CONSTRUCTED PER IDOT AND PROWAG STANDARDS IN ALL LOCATIONS, INCLUDING RAMPS.
2. CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
3. ALL EDGES OF PAVEMENT SURFACES, INCLUDING SIDEWALK, AND CURB AND GUTTER SHALL BE SAWCUT PRIOR TO REMOVAL.
4. POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
5. PIPE UNDERDRAINS SHALL BE PERFORATED CORRUGATED POLYETHYLENE (PE) PIPE WITH A SMOOTH INTERIOR.



BENCHMARK INFORMATION

BM24 = SURVEY WORK POINT REBAR WITH CAP (CP46) N 1886395.24, E 2481981.12, ELEV 651.38
BM25 = SURVEY WORK POINT NAIL (CP45) N 1886323.55, E 2481955.38, ELEV 652.59
BM26 = SURVEY WORK POINT PK NAIL (CP47) N 1886363.49, E 2482082.31, ELEV 654.09

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PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

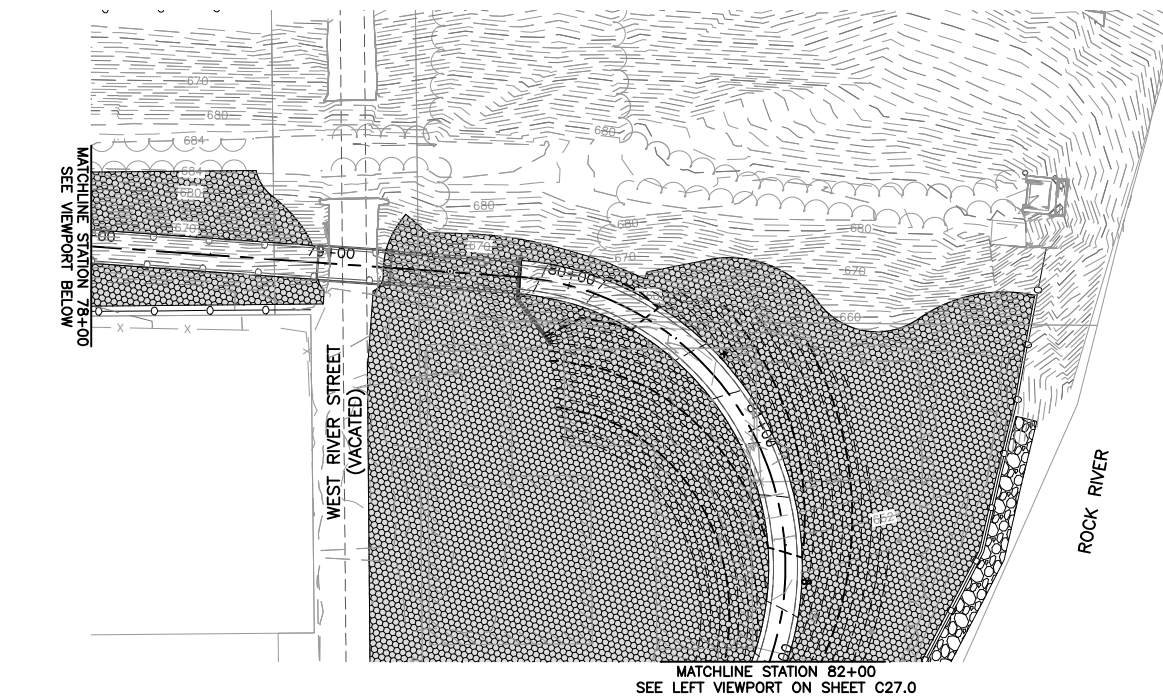
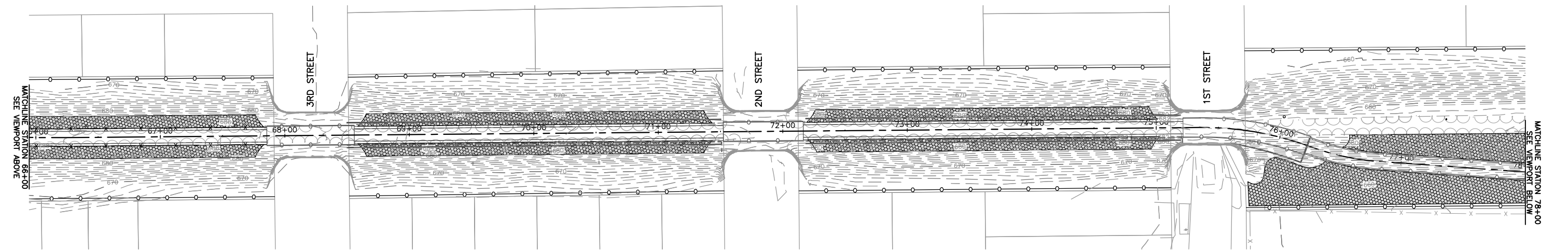
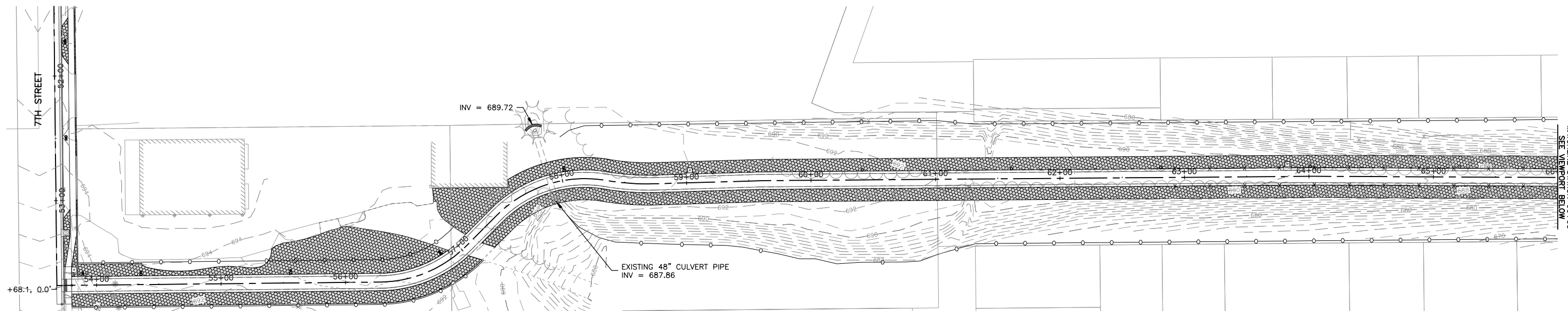
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DATE: 10/19/22
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REVISIONS

REV. NO.	DESCRIPTION	DATE

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PLAN AND PROFILE 90+00 TO 94+25
SEGMENT A
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JOB NUMBER:
17-067B
SHEET NUMBER:
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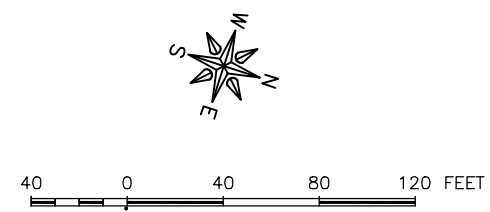


LEGEND

- PERIMETER EROSION BARRIER
- TOPSOIL FURNISH AND PLACE 4" SEEDING CLASS 1A AND MULCH METHOD 2
- STONE RIPRAP, CLASS A1 AND FILTER FABRIC
- INLET AND PIPE PROTECTION

EROSION CONTROL AND RESTORATION NOTES:

1. CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
2. SEE LANDSCAPE PLAN FOR TOPSOIL, PLANTINGS AND MULCH.



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PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19





DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

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SEGMENT A
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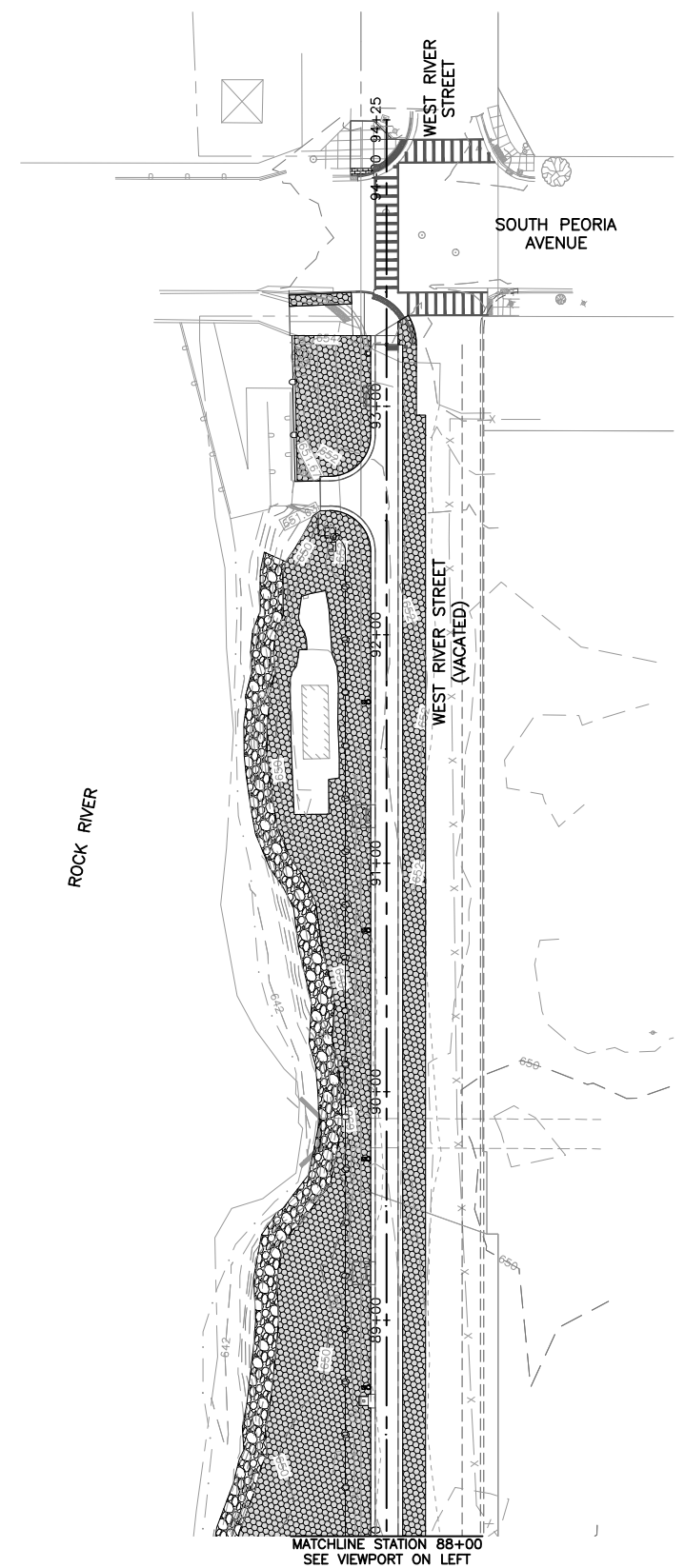
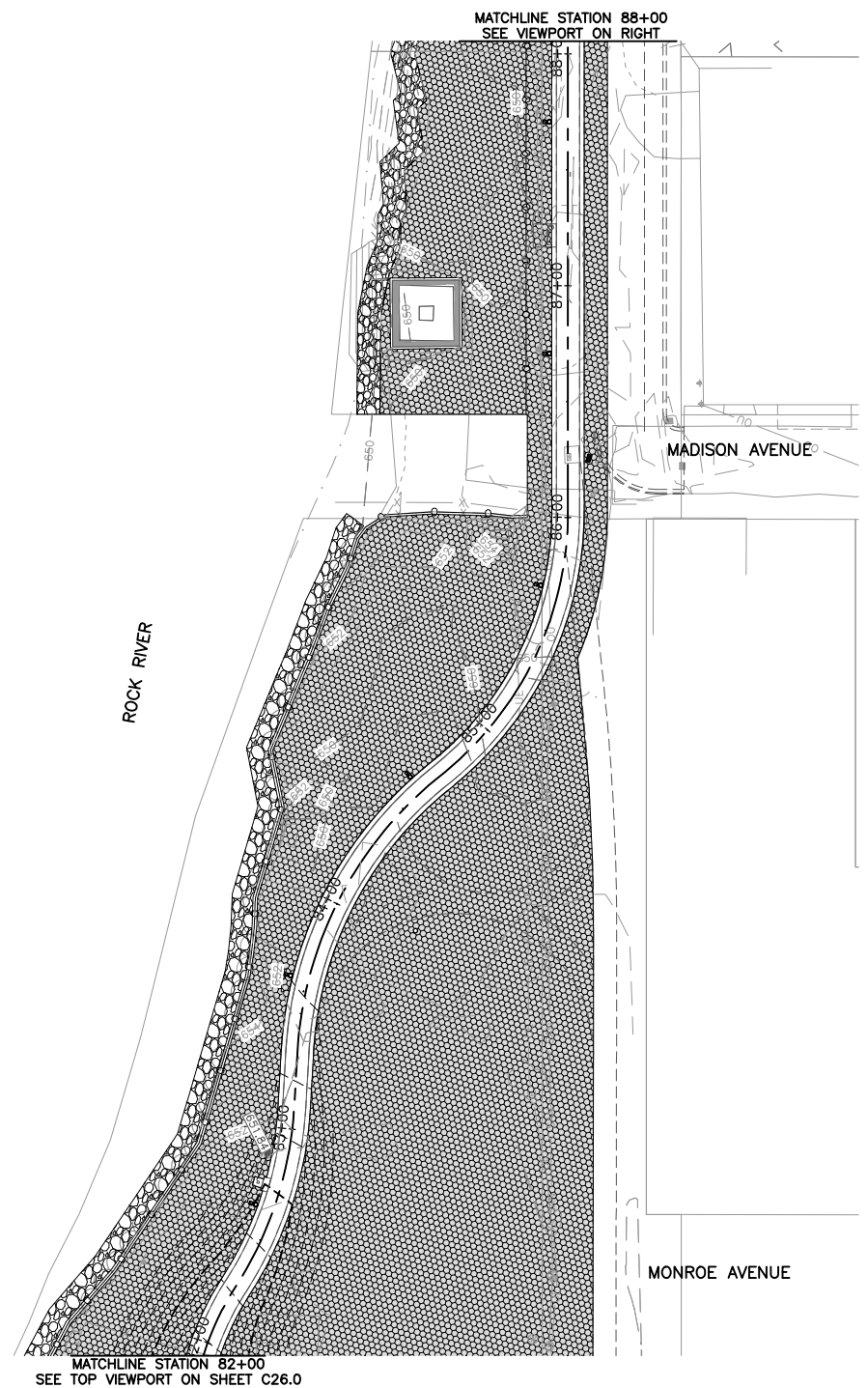
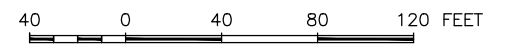
JOB NUMBER:
17-067B
SHEET NUMBER:
C26.0

LEGEND

-  PERIMETER EROSION BARRIER
-  TOPSOIL FURNISH AND PLACE 4", SEEDING CLASS 1A AND MULCH METHOD 2
-  STONE RIPRAP, CLASS A1 AND FILTER FABRIC
-  INLET AND PIPE PROTECTION

EROSION CONTROL AND RESTORATION NOTES:

1. CONTRACTOR TO RESTORE ANY DISTURBED AREA TO PRE CONSTRUCTION CONDITIONS
2. SEE LANDSCAPE PLAN FOR TOPSOIL, PLANTINGS AND MULCH.



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PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

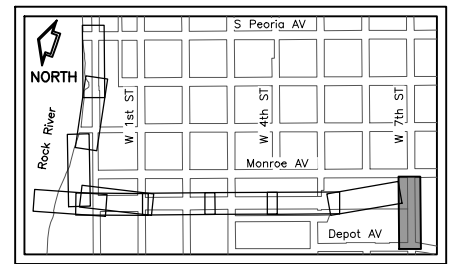
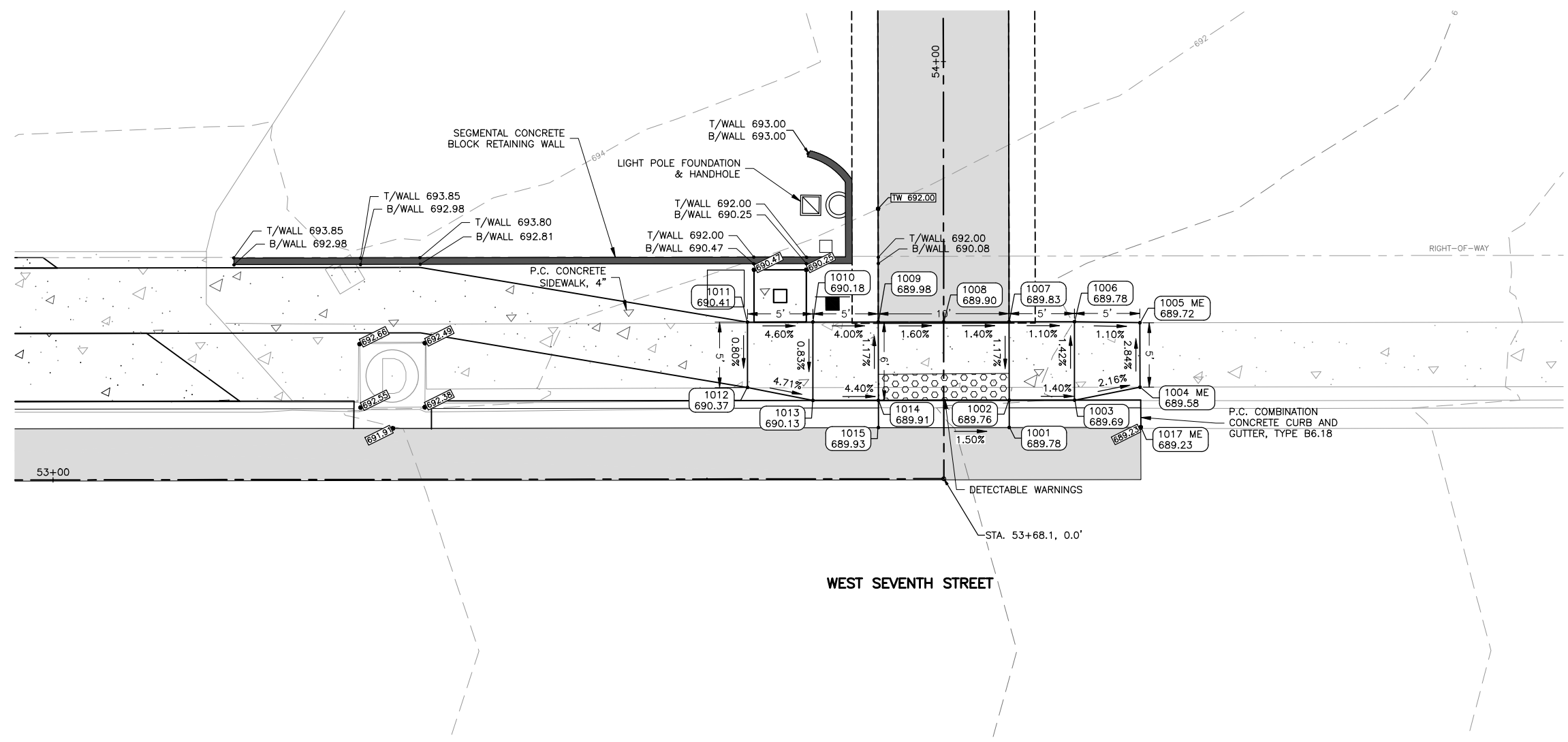
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

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EROSION CONTROL AND RESTORATION PLAN
SEGMENT A
SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B
SHEET NUMBER:
C27.0

ADA POINT TABLE			
POINT	STATION	OFFSET	ELEV
1001	53+72.03	5.00	689.78
1002	53+74.11	5.00	689.76
1003	53+74.11	10.00	689.69
1004 ME	53+75.09	15.00	689.58
1005 ME	53+80.02	15.00	689.72
1006	53+80.11	10.00	689.78
1007	53+80.11	5.00	689.83
1008	53+80.11	0.00	689.90
1009	53+80.11	-5.00	689.98
1010	53+80.11	-10.00	690.18
1011	53+80.11	-15.00	690.41
1012	53+75.11	-15.00	690.37
1013	53+74.11	-10.00	690.13
1014	53+74.11	-5.00	689.91
1015	53+72.03	-5.00	689.93
1017 ME	53+72.03	15.06	689.23



KEY MAP

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 CITY OF DIXON
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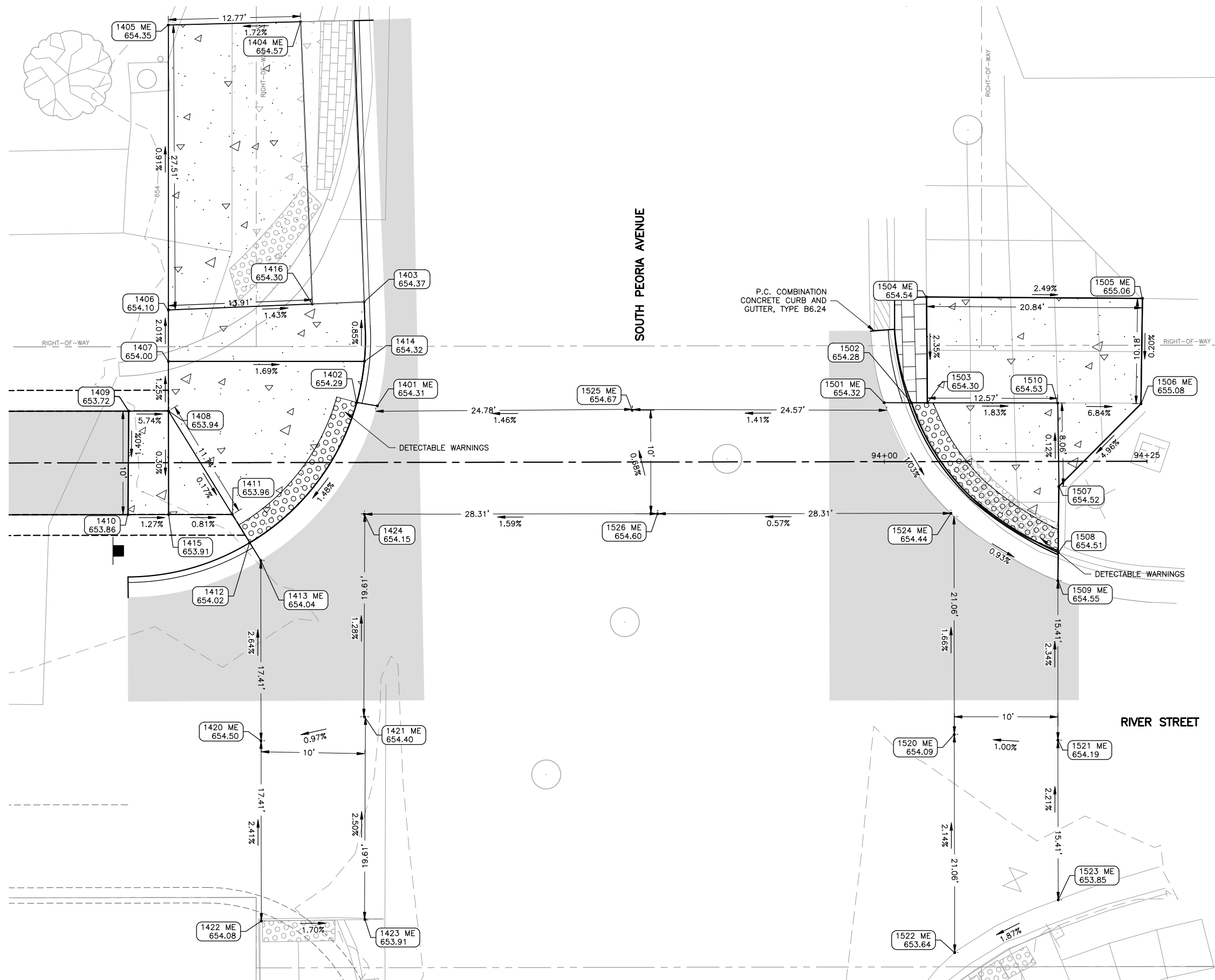
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 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO. MXY3(094)
 JOB C-92-024-19

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 DATE: 10/19/22
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

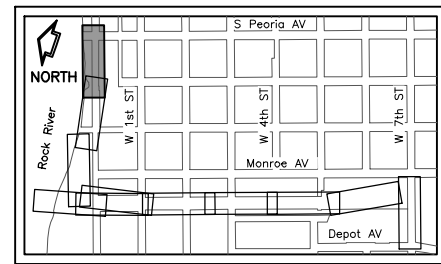
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JOB NUMBER:
 17-067B
 SHEET NUMBER:
 C28.0



ADA POINT TABLE			
POINT	STATION	OFFSET	ELEV
1401 ME	93+51.05	-5.46	654.31
1402	93+49.07	-5.79	654.29
1403	93+49.79	-15.51	654.37
1404 ME	93+43.71	-42.56	654.57
1405 ME	93+30.94	-42.27	654.35
1406	93+30.90	-14.75	654.10
1407	93+30.89	-9.78	654.00
1408	93+30.89	-5.00	653.94
1409	93+27.05	-5.00	653.72
1410	93+26.97	5.00	653.86
1411	93+37.04	5.00	653.96
1412	93+38.72	7.73	654.02
1413 ME	93+39.78	9.46	654.04
1414	93+49.82	-9.76	654.32
1415	93+30.89	5.00	653.91
1416	93+44.80	-15.31	654.30
1420 ME	93+39.78	26.87	654.50
1421 ME	93+49.78	24.57	654.40
1422 ME	93+39.78	44.27	654.08
1423 ME	93+49.78	44.14	653.91
1424	93+49.78	5.00	654.15
1425	93+27.01	0.01	653.79

ADA POINT TABLE			
POINT	STATION	OFFSET	ELEV
1501 ME	93+99.98	-5.70	654.32
1502	94+02.60	-5.69	654.28
1503	94+04.16	-5.68	654.30
1504 ME	94+04.08	-15.89	654.54
1505 ME	94+24.93	-15.73	655.06
1506 ME	94+24.77	-5.56	655.08
1507	94+16.83	2.43	654.52
1508	94+16.76	8.81	654.51
1509 ME	94+16.73	11.52	654.55
1510	94+16.73	-5.64	654.53
1520 ME	94+06.71	26.35	654.09
1521 ME	94+16.71	26.92	654.19
1522 ME	94+06.71	47.42	653.64
1523 ME	94+16.71	42.34	653.85
1524 ME	94+06.41	5.00	654.44
1525 ME	93+75.66	-5.00	654.67
1526 ME	93+78.09	5.00	654.60



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DIXON, IL 61016

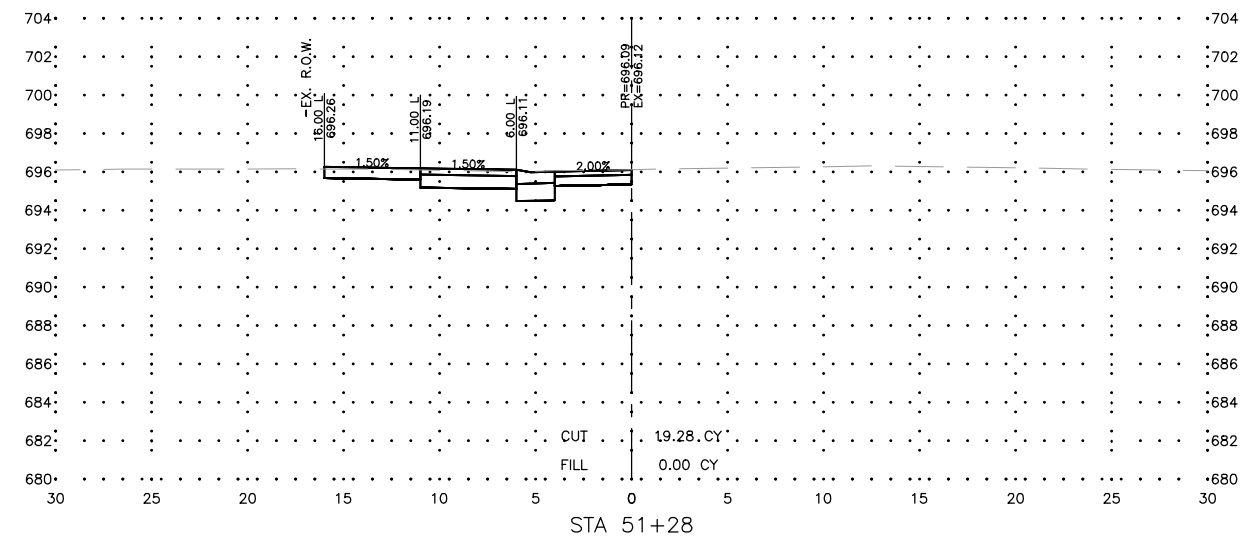
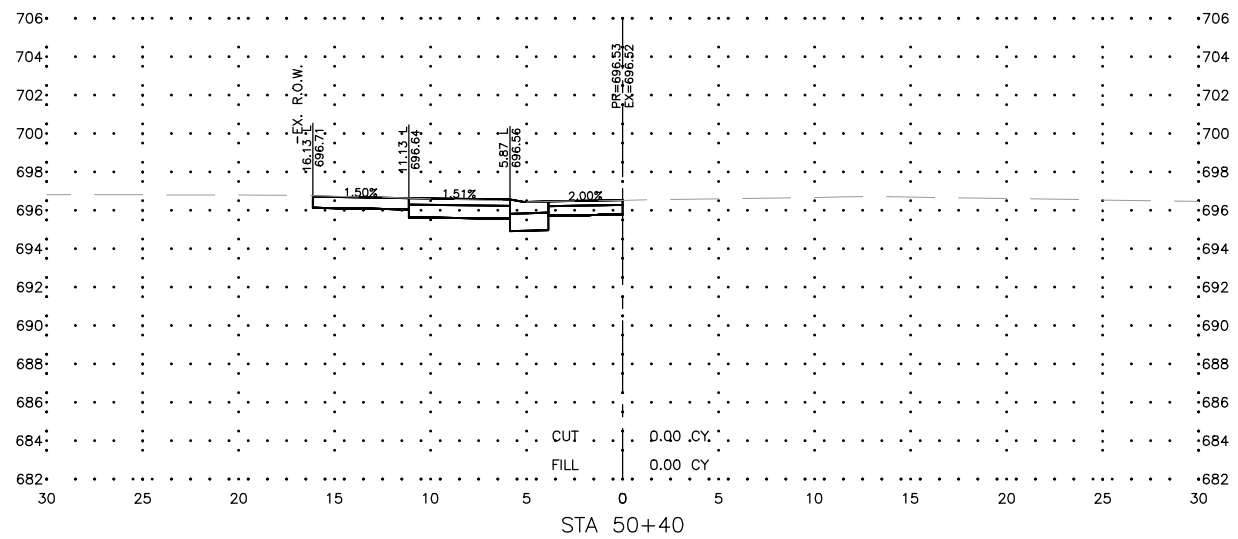
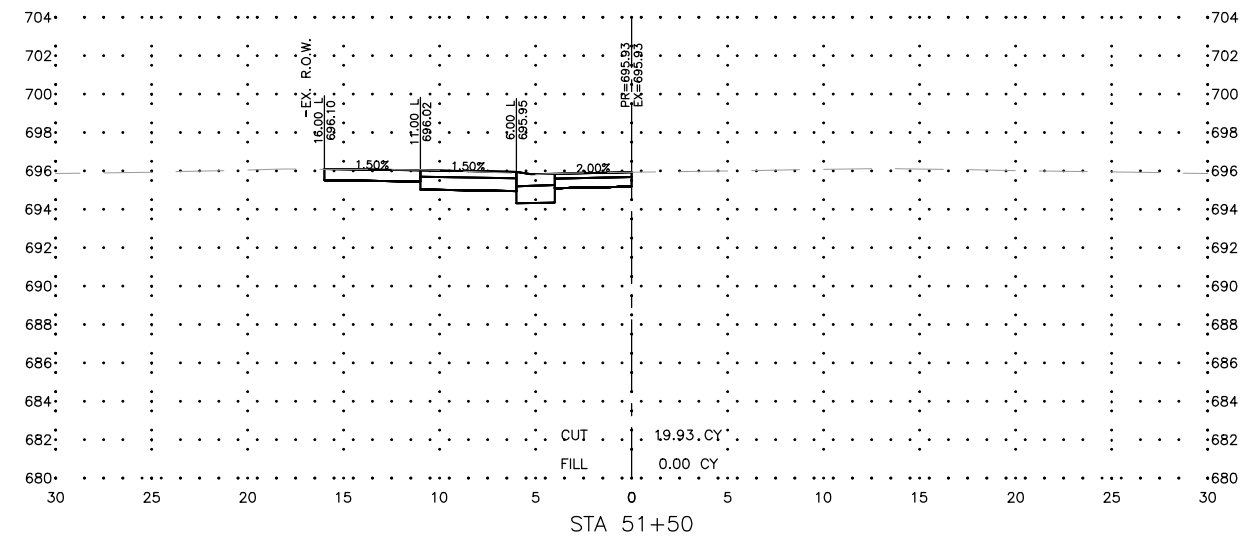
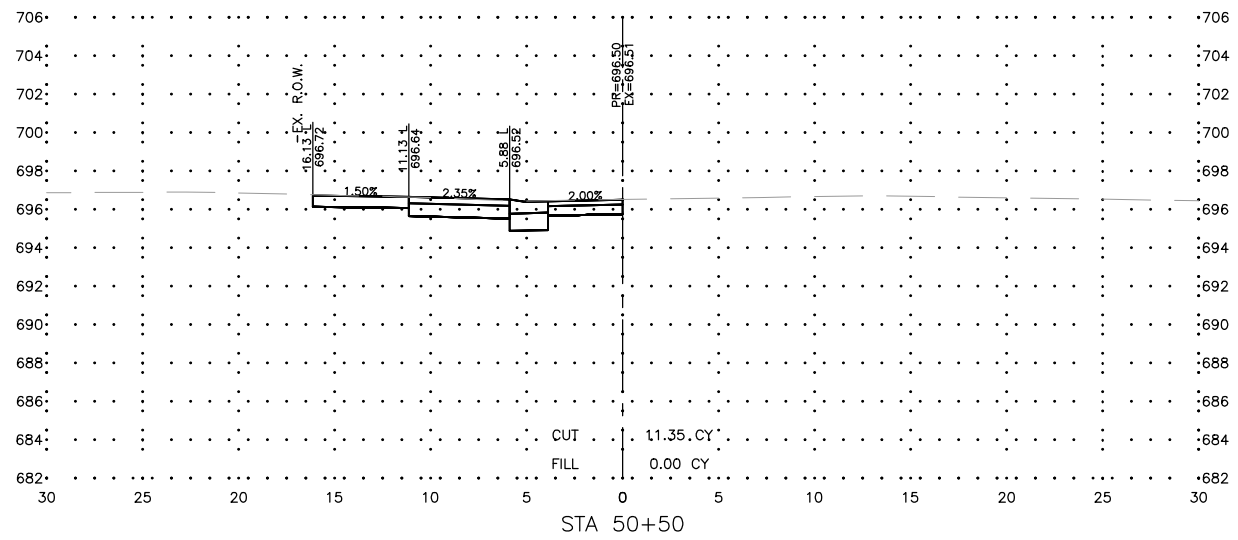
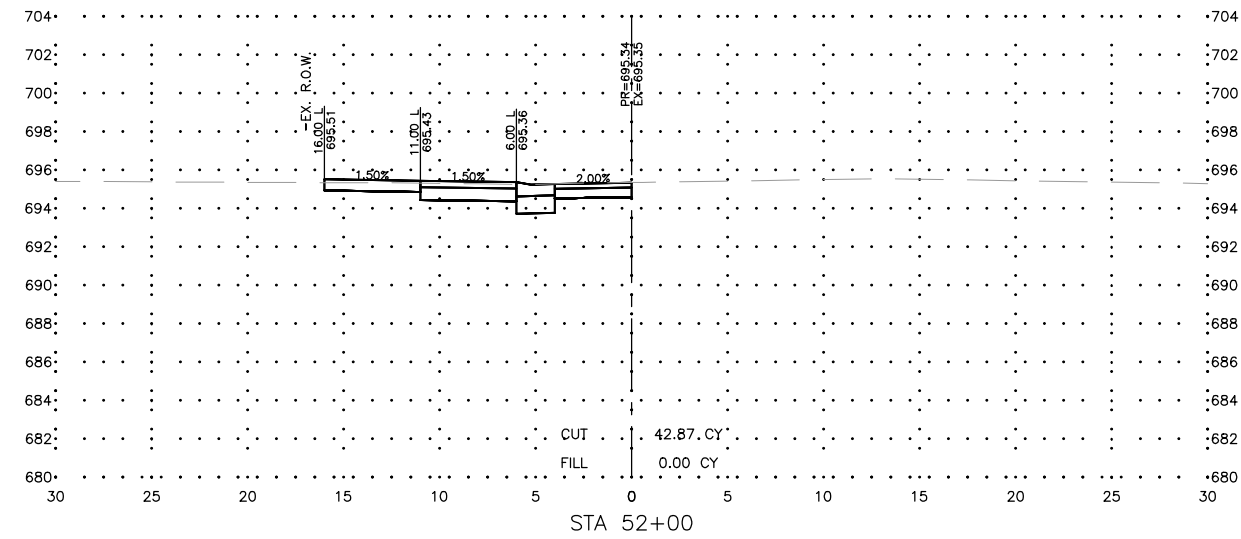
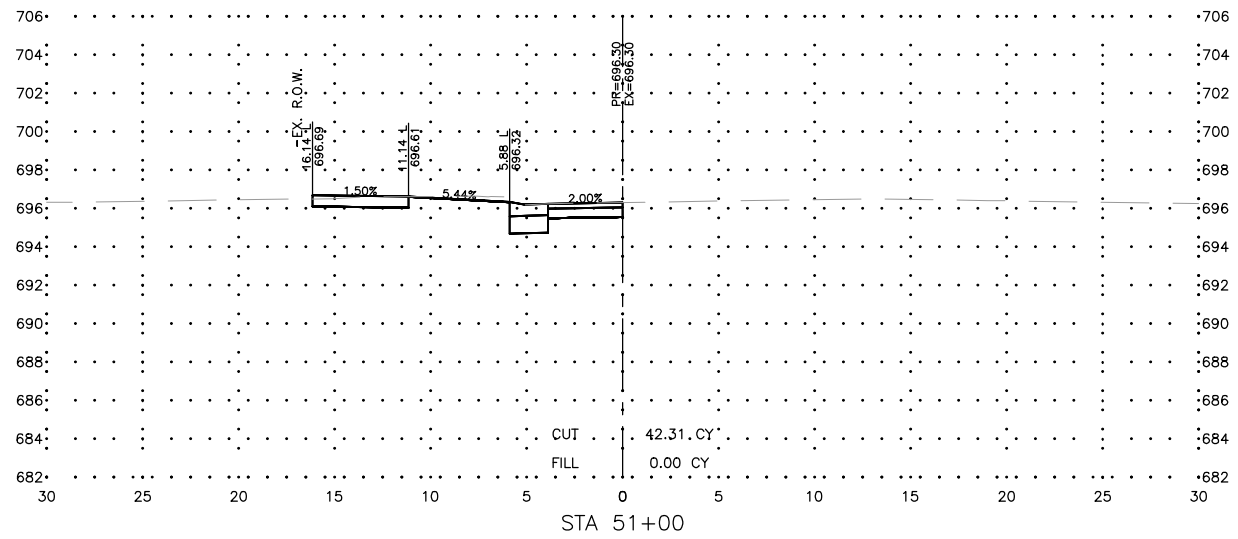
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
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PEORIA AVENUE
SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B
SHEET NUMBER:
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121 WEST 2ND STREET
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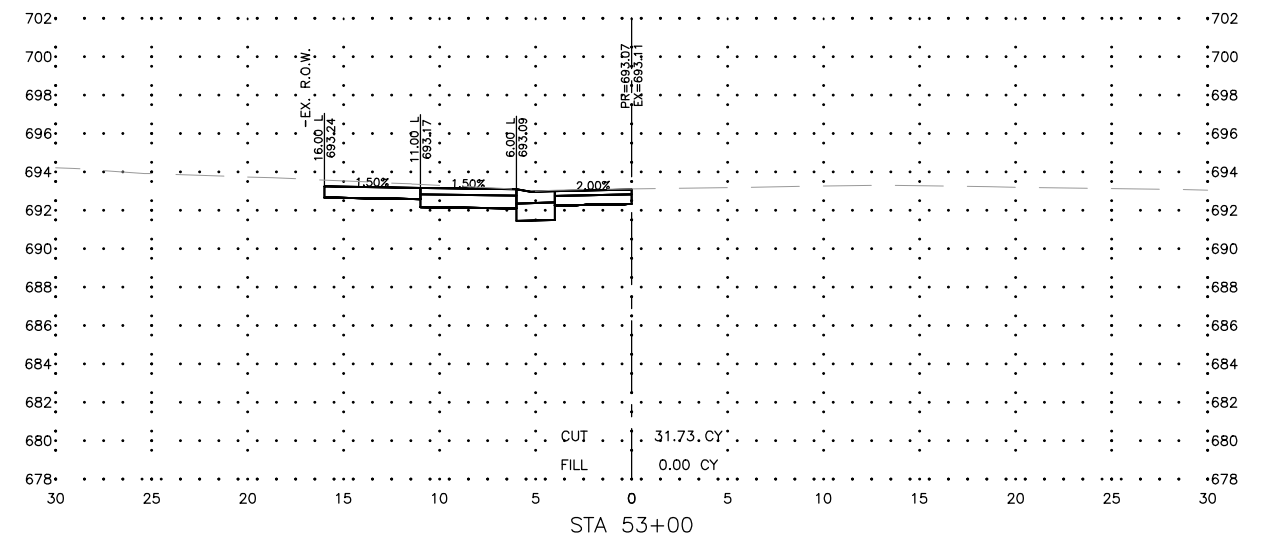
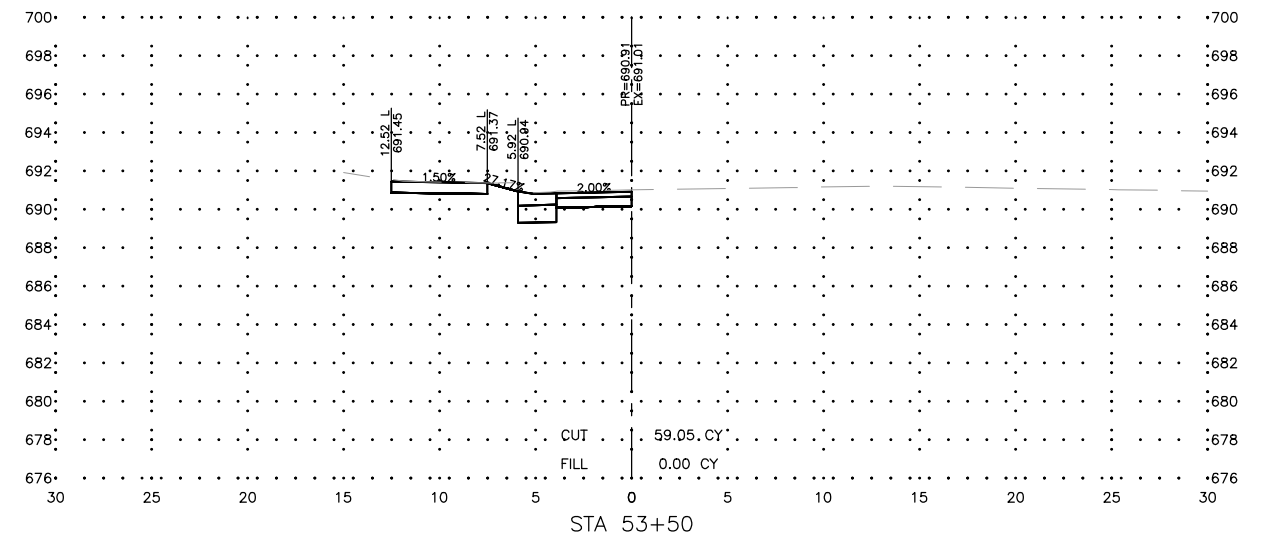
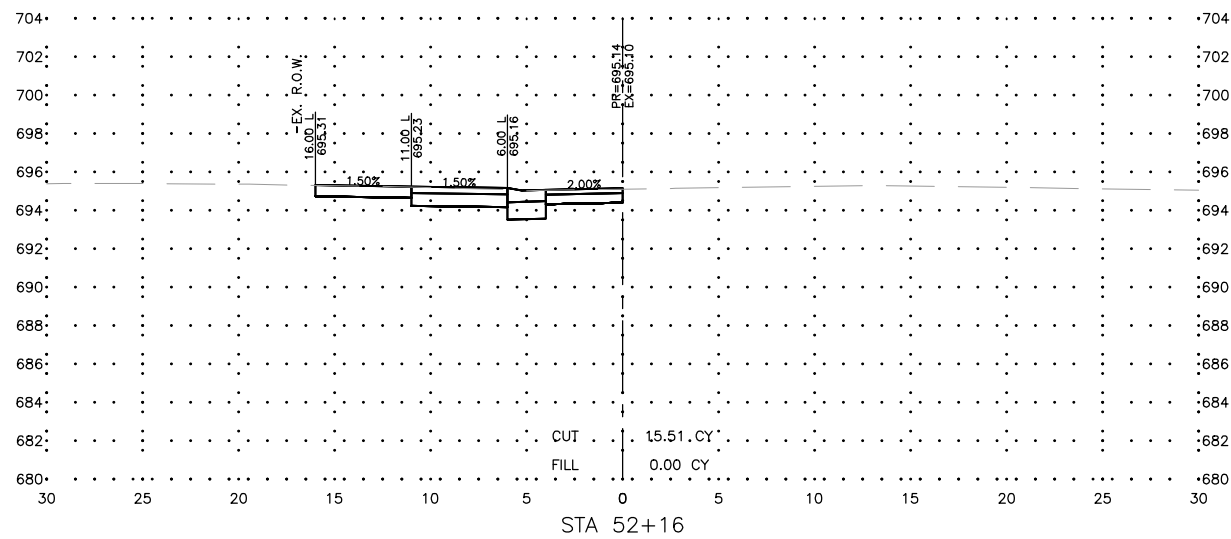
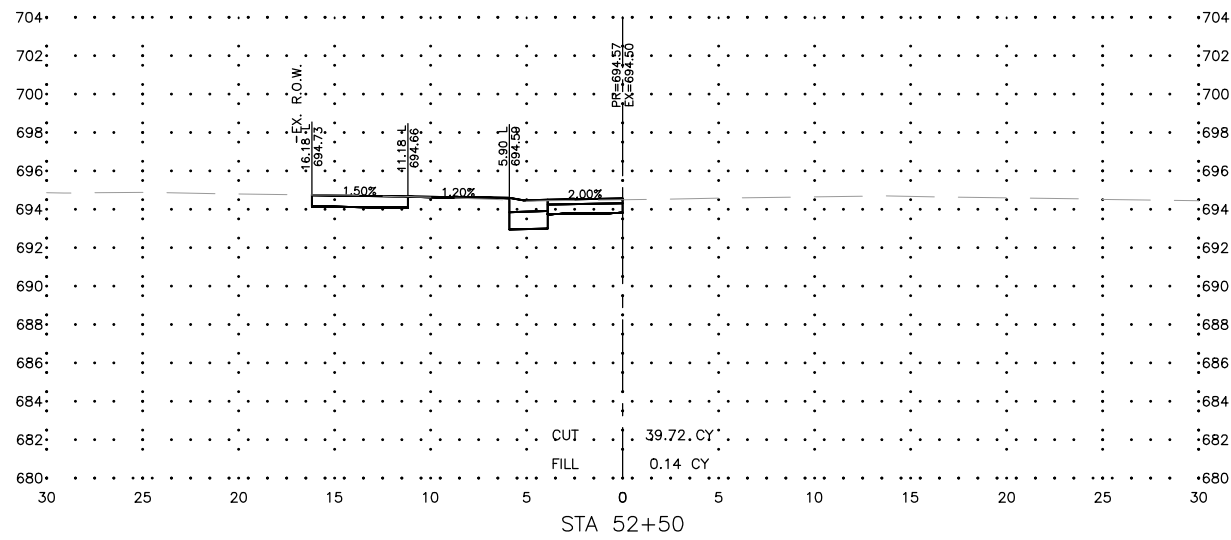
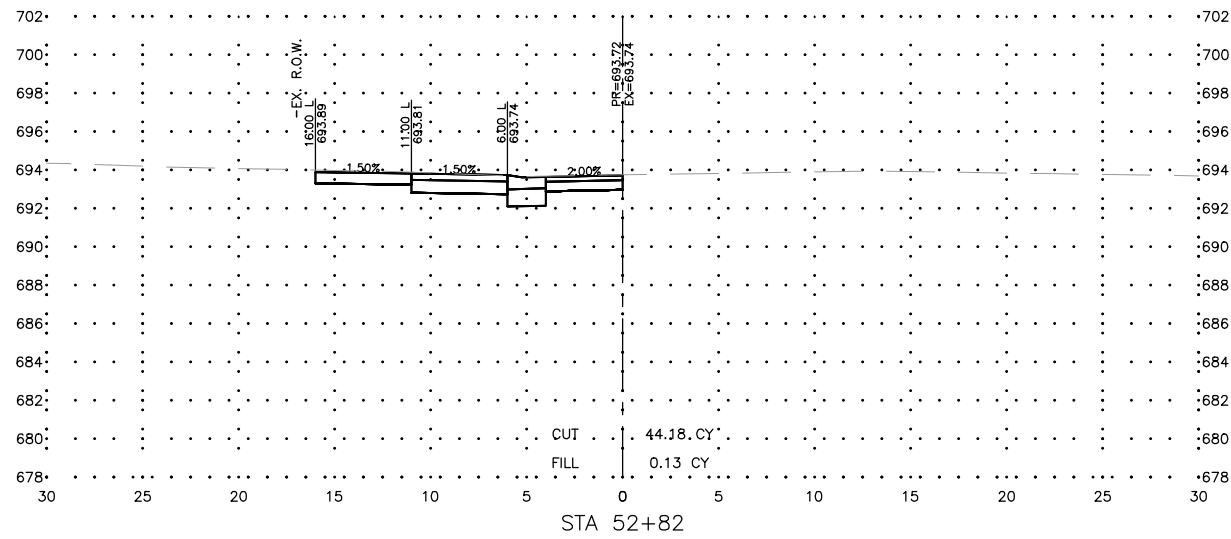
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SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

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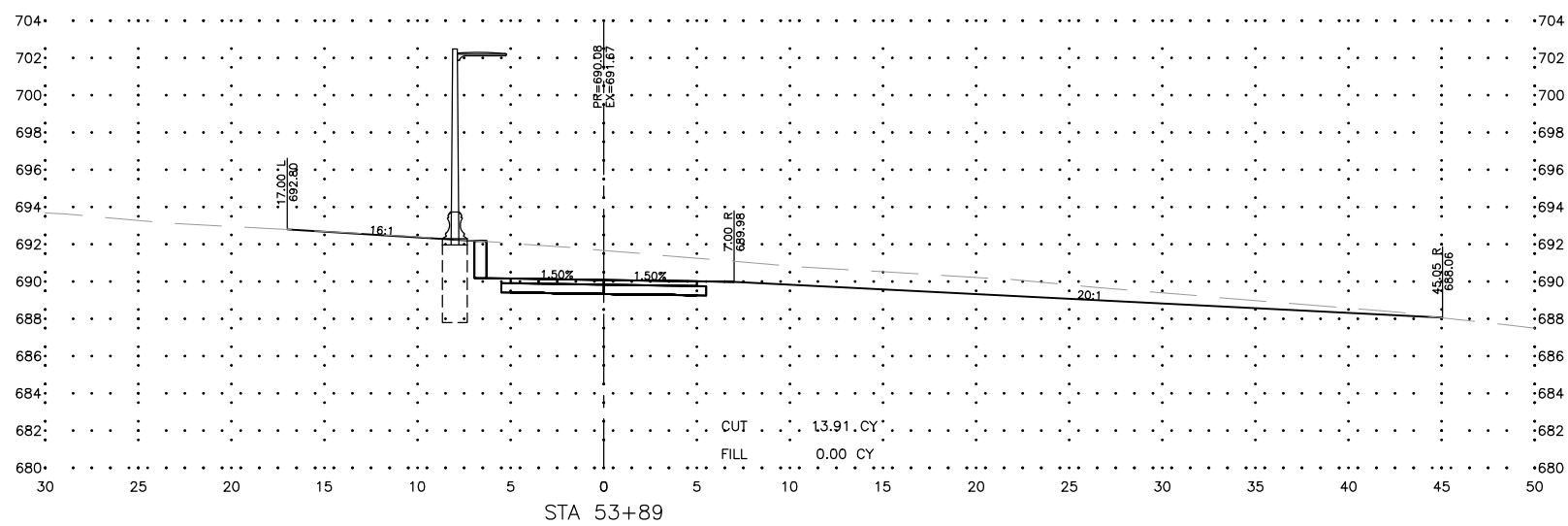
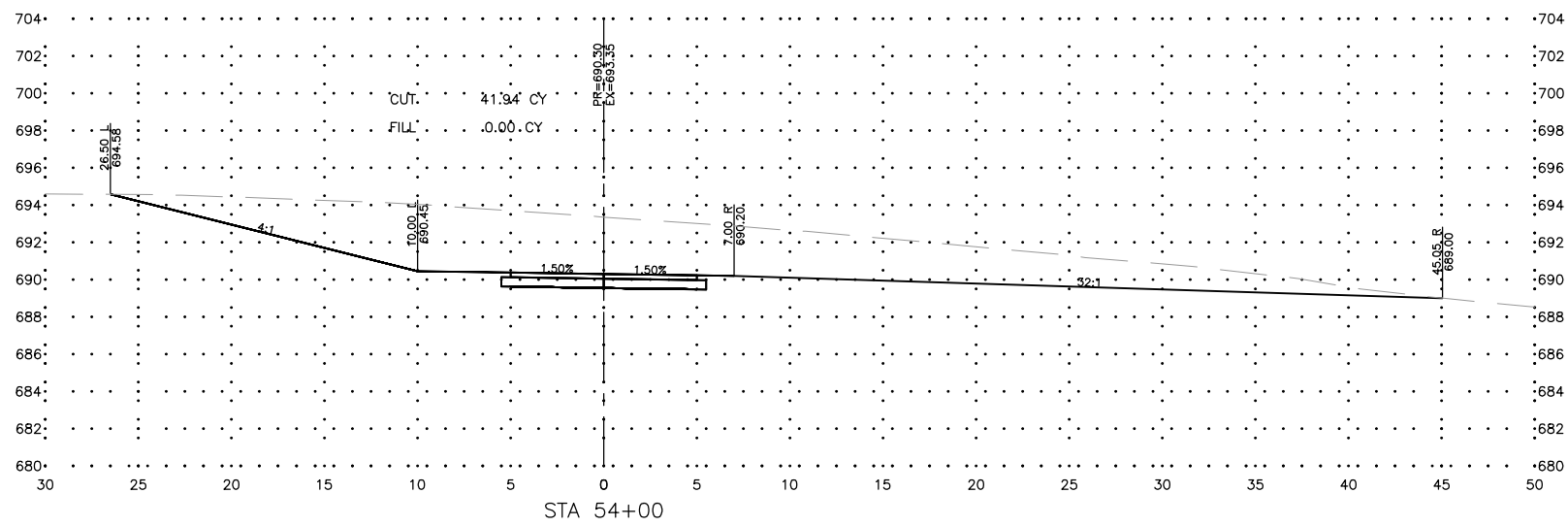
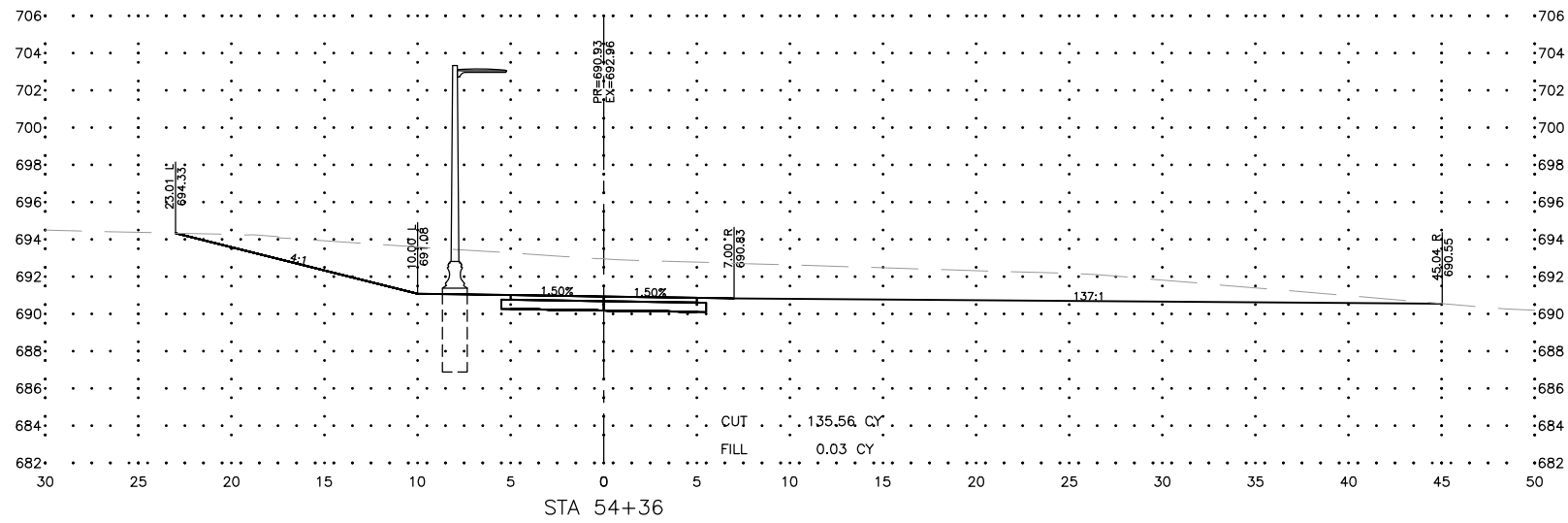
REVISIONS		
REV. NO.	DESCRIPTION	DATE

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17-067B
SHEET NUMBER:
C30.0



REVISIONS		
REV. NO.	DESCRIPTION	DATE



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ILLINOIS
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CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

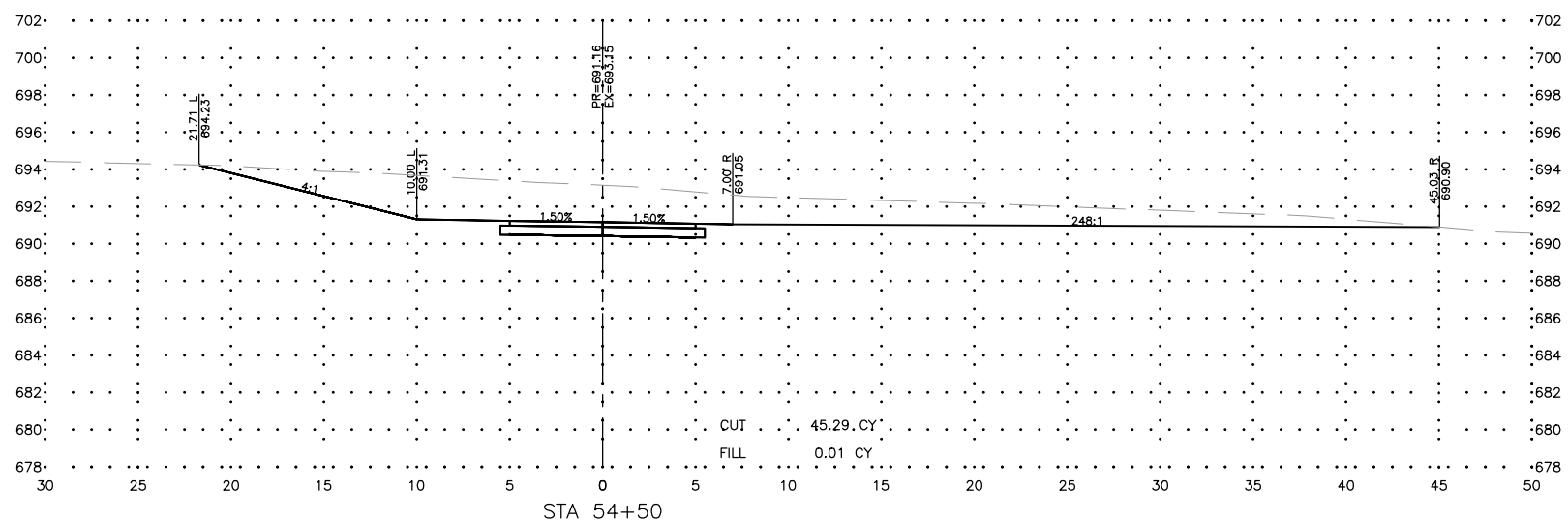
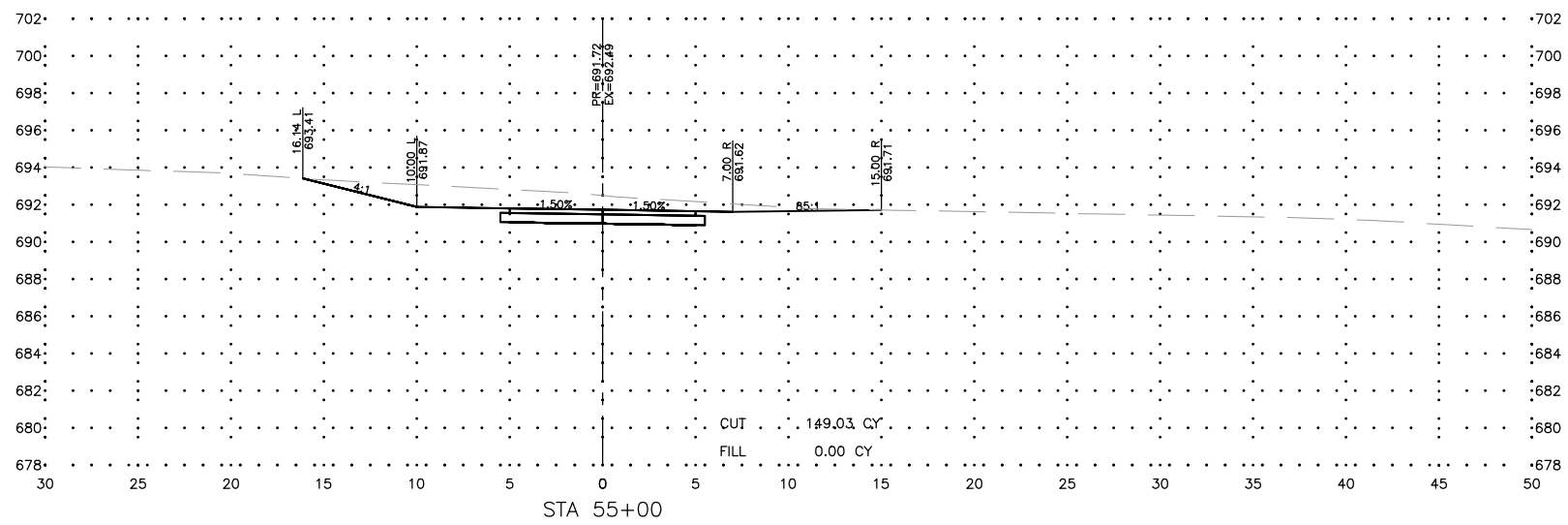
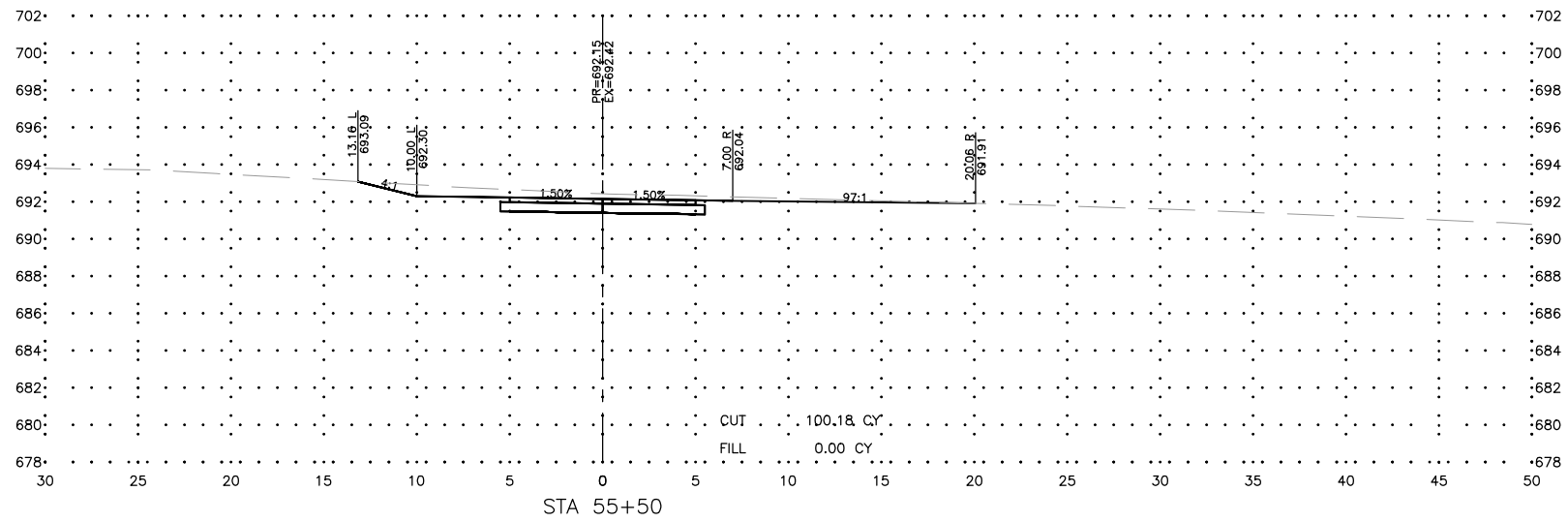
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SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
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EXTENSION
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JOB NUMBER:
17-067B
SHEET NUMBER:
C32.0



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DIXON, IL 61016

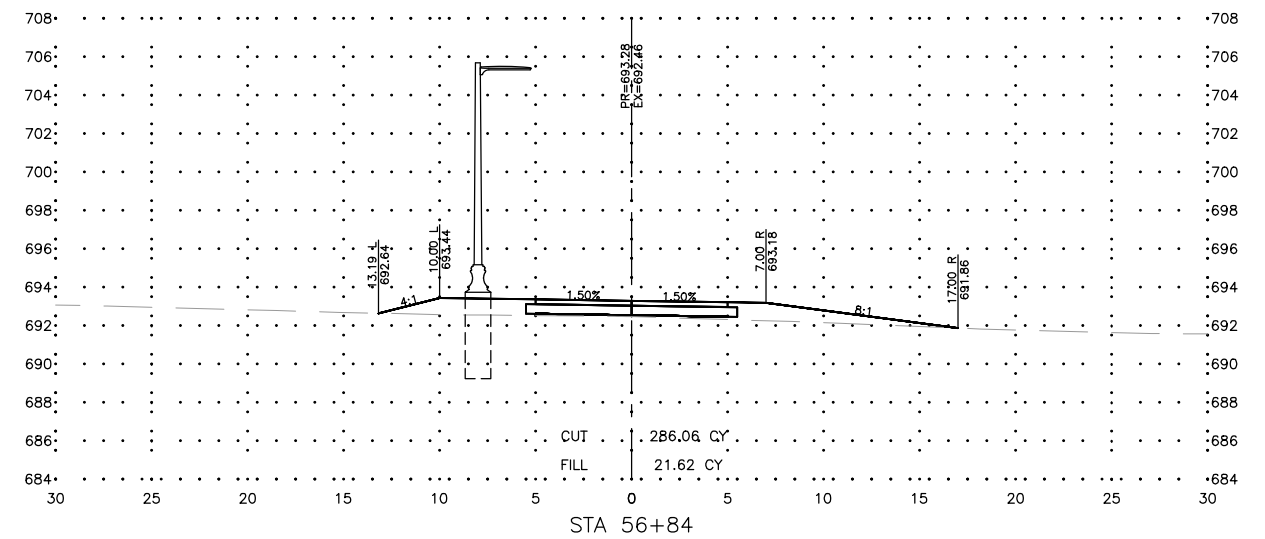
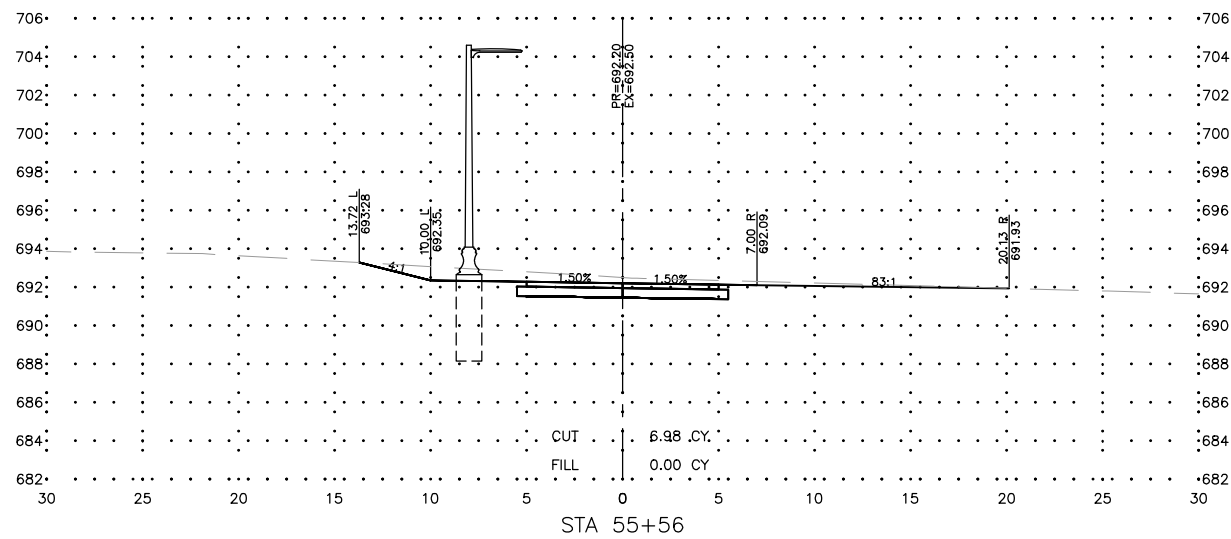
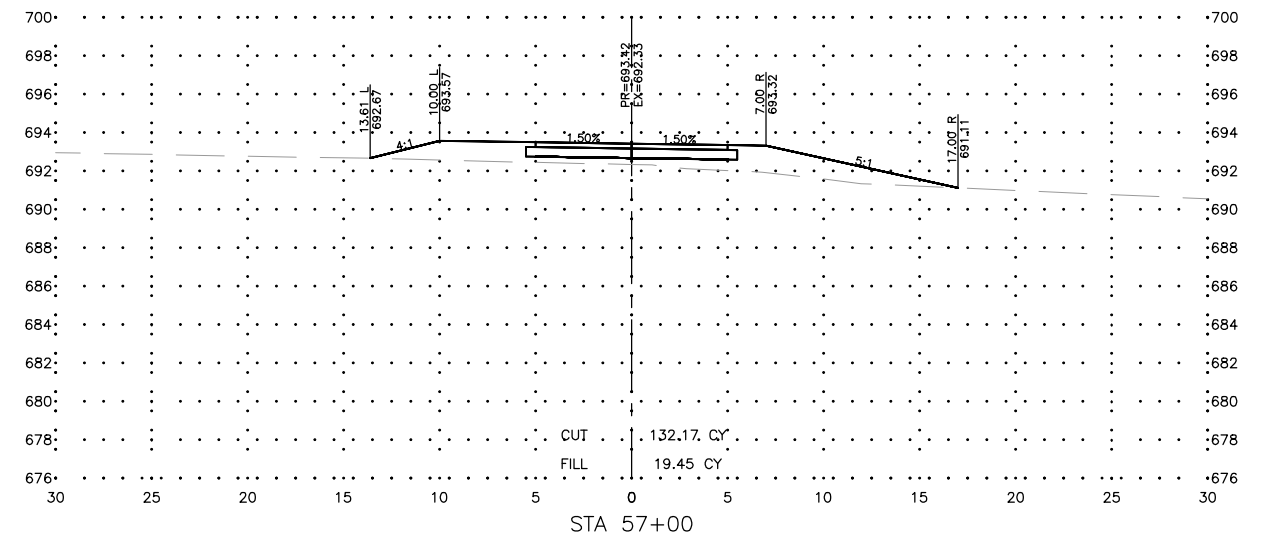
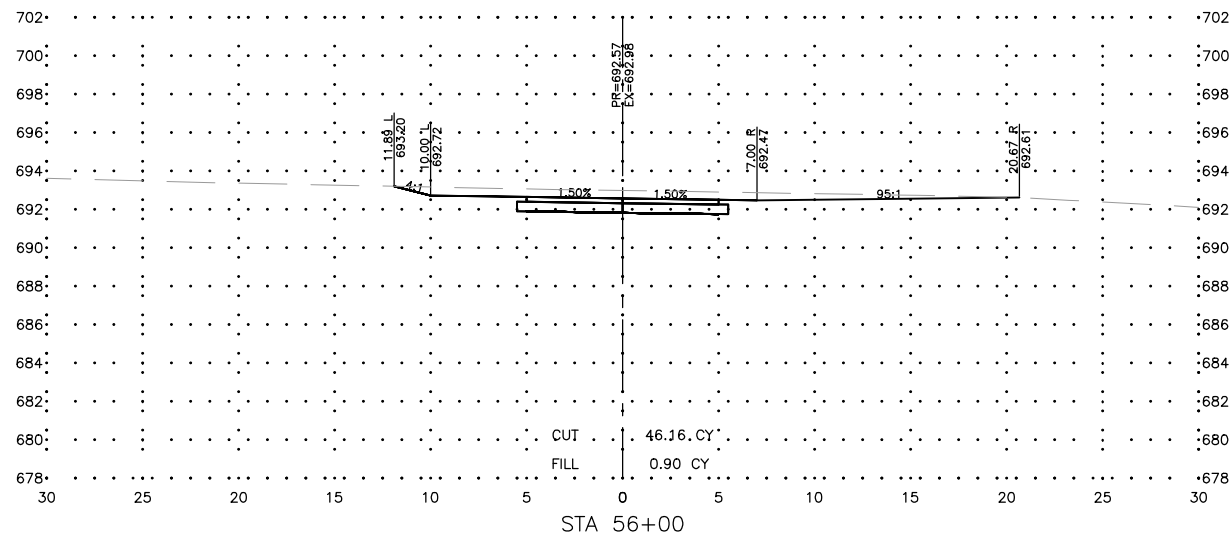
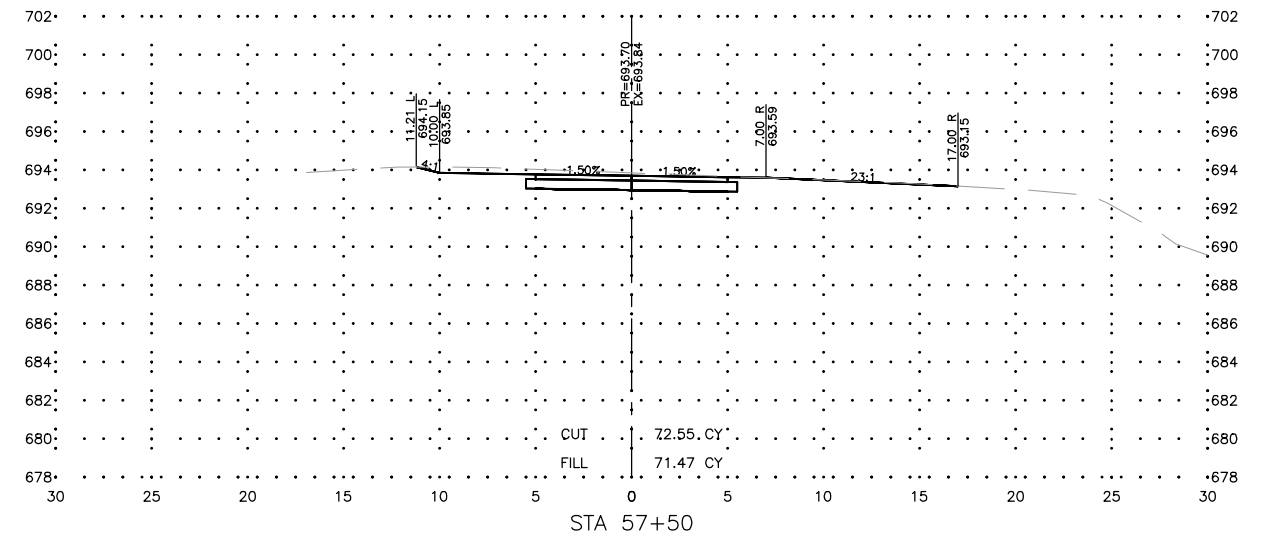
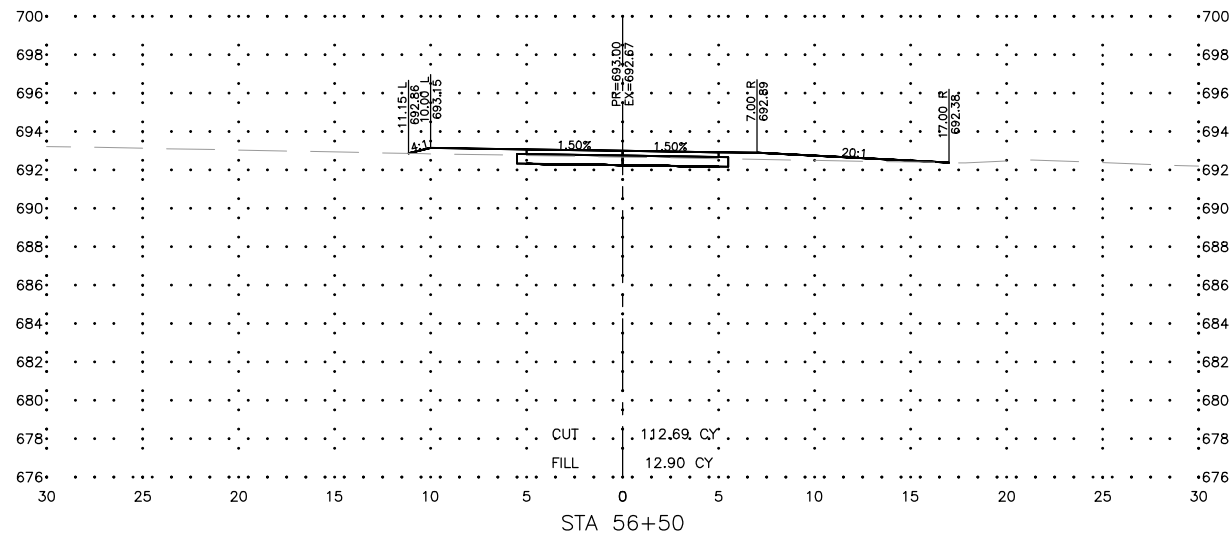
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B
SHEET NUMBER:
C33.0



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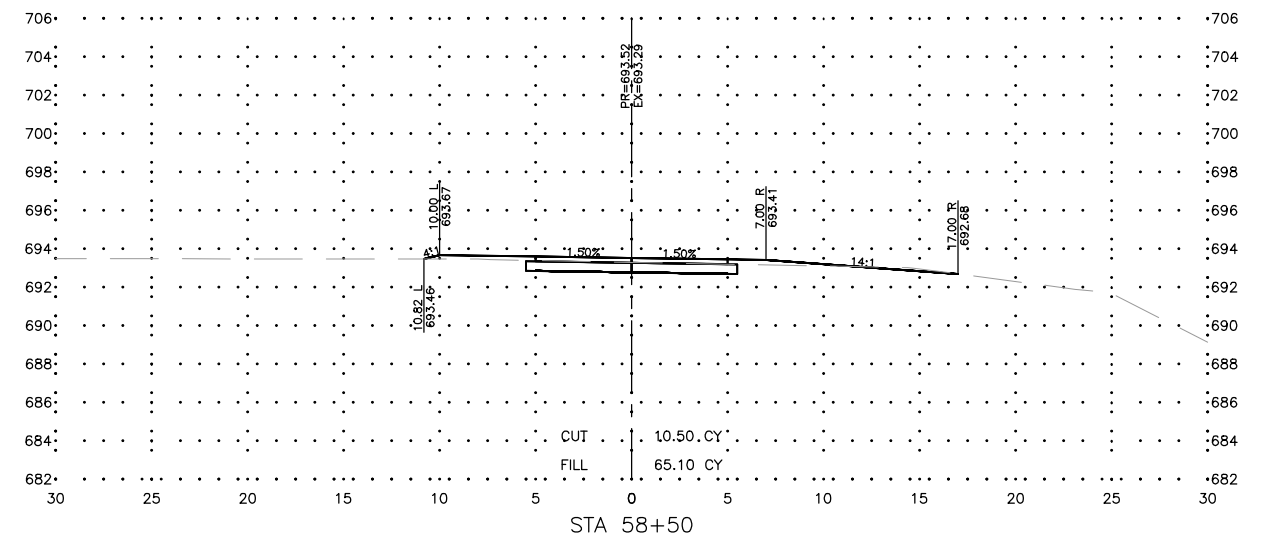
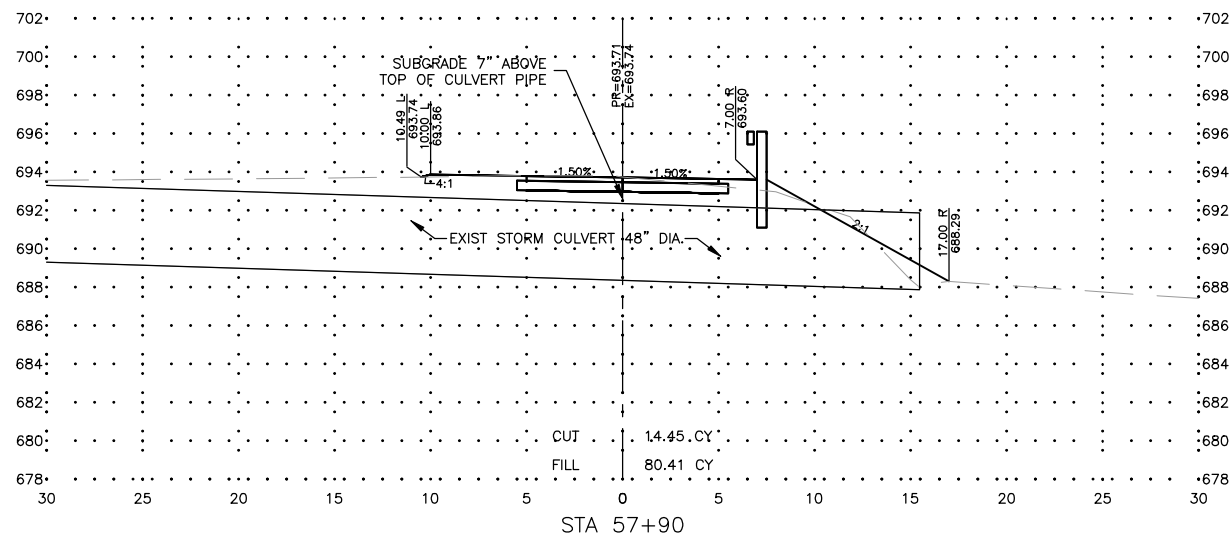
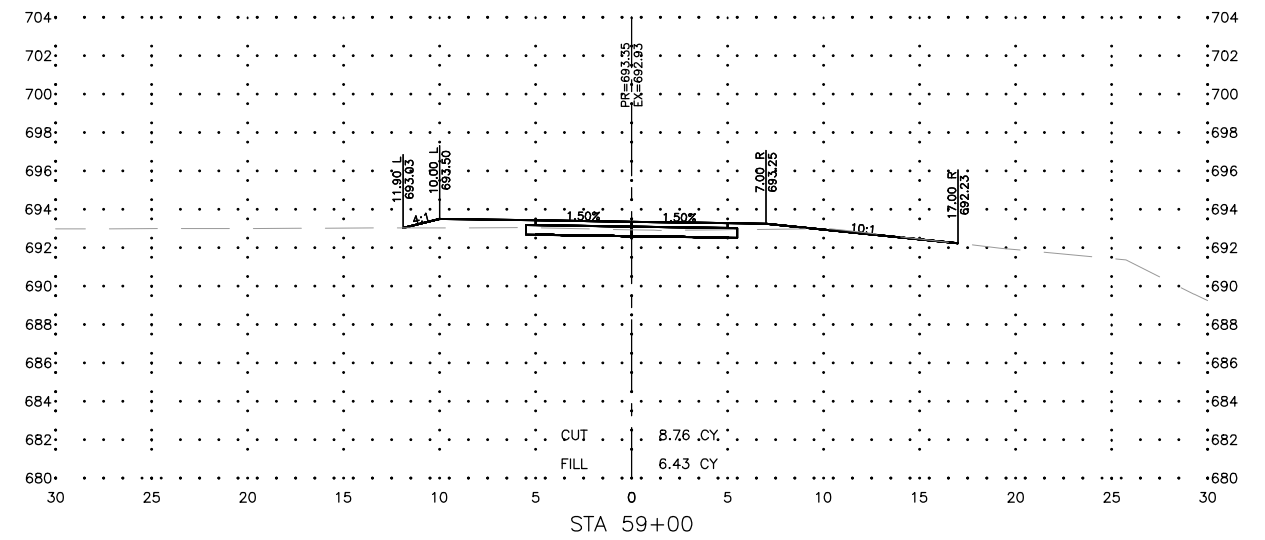
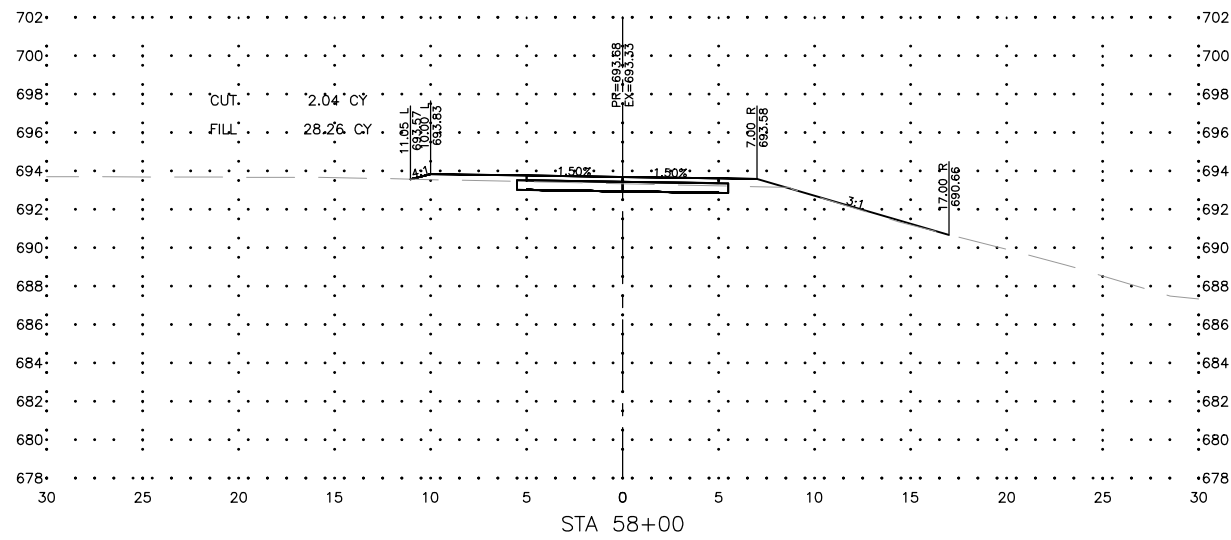
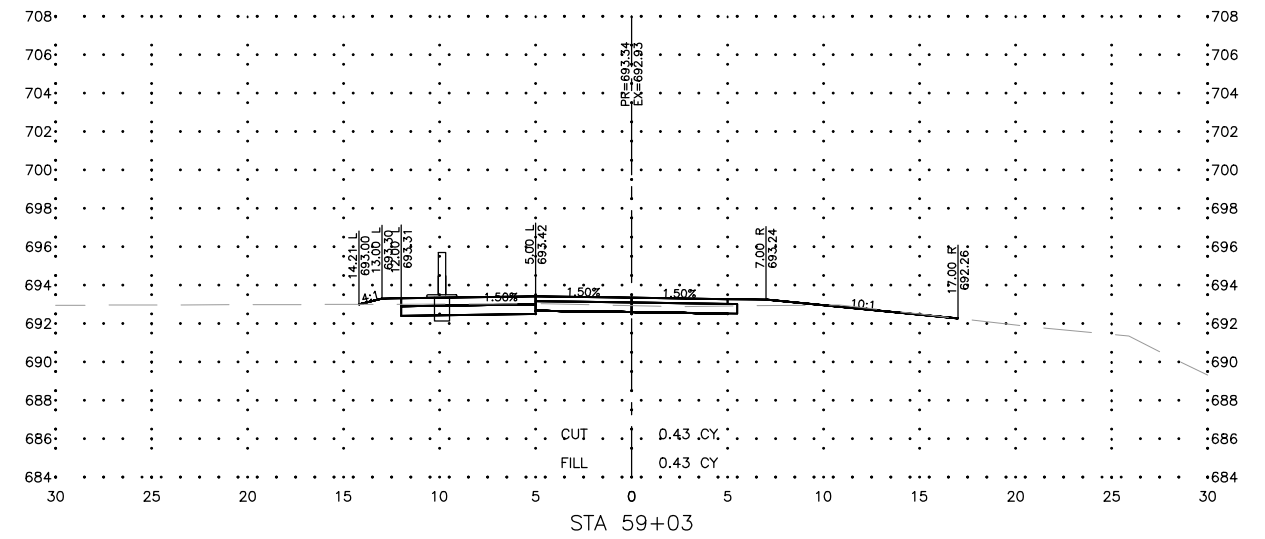
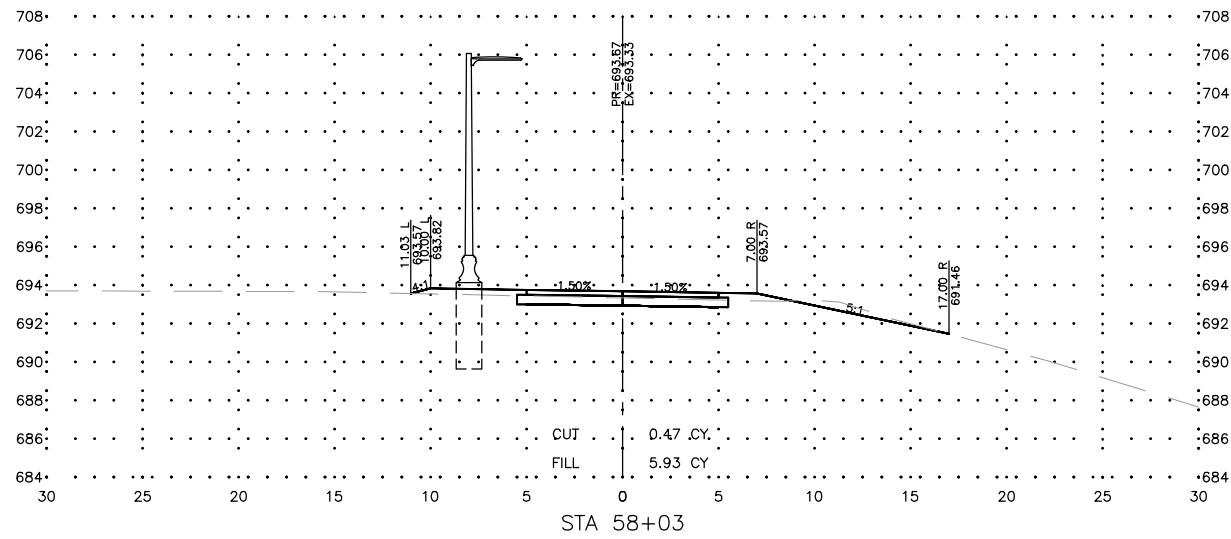
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17-0678\17-0678A - Design.dwg, XS5 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C34.0



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ILLINOIS
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121 WEST 2ND STREET
DIXON, IL 61016

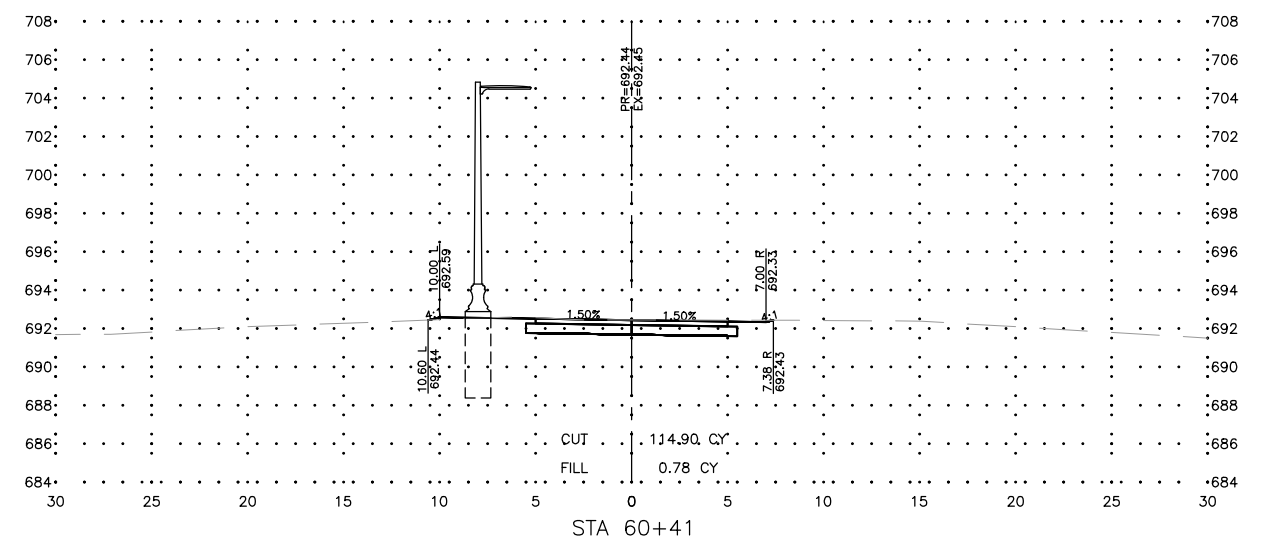
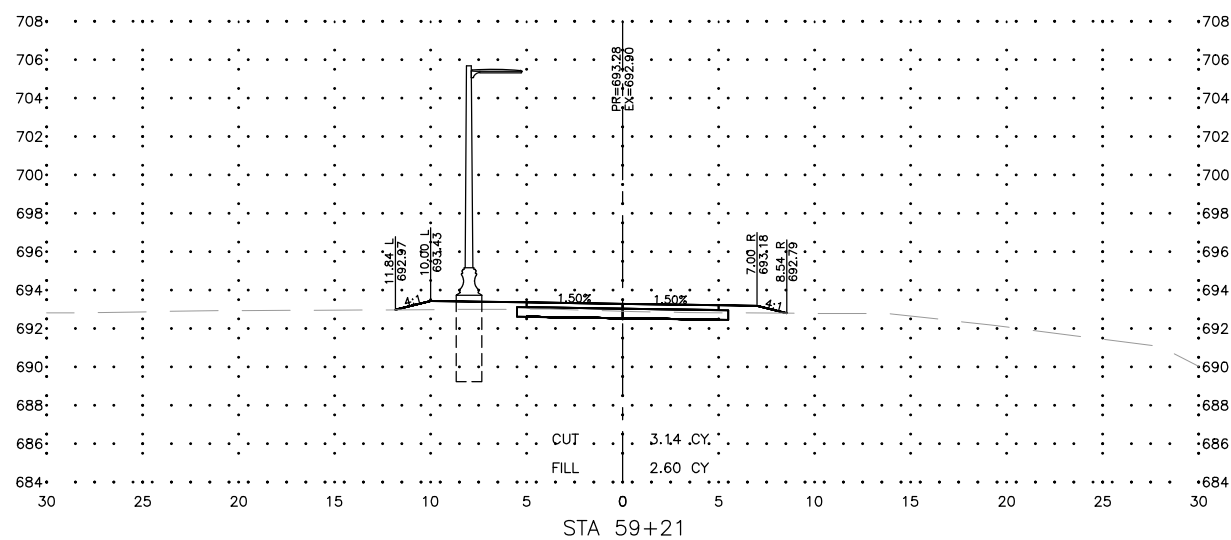
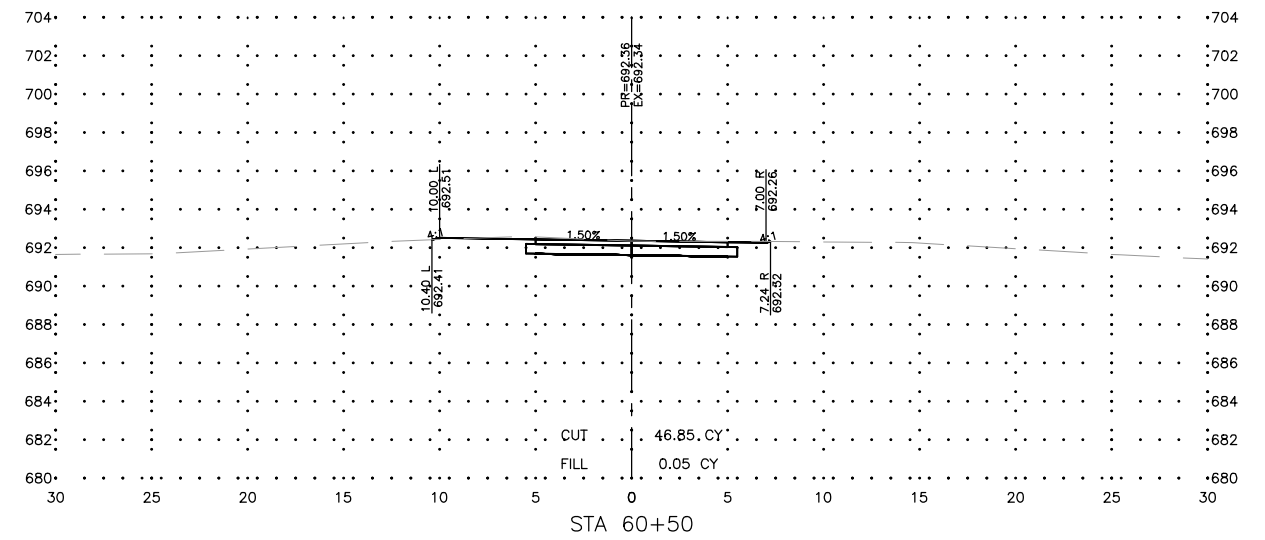
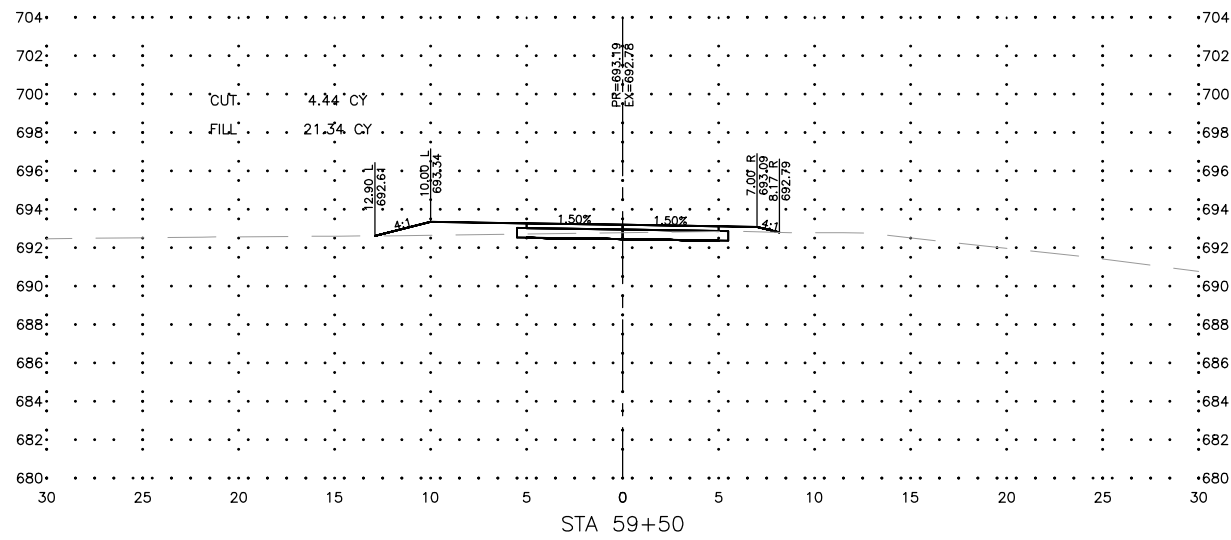
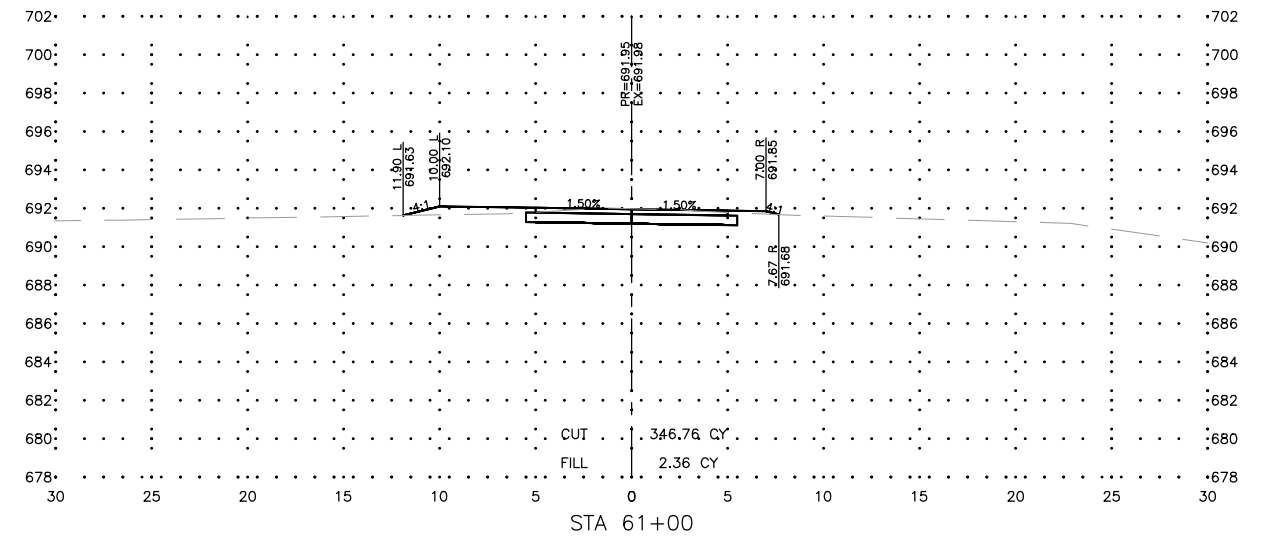
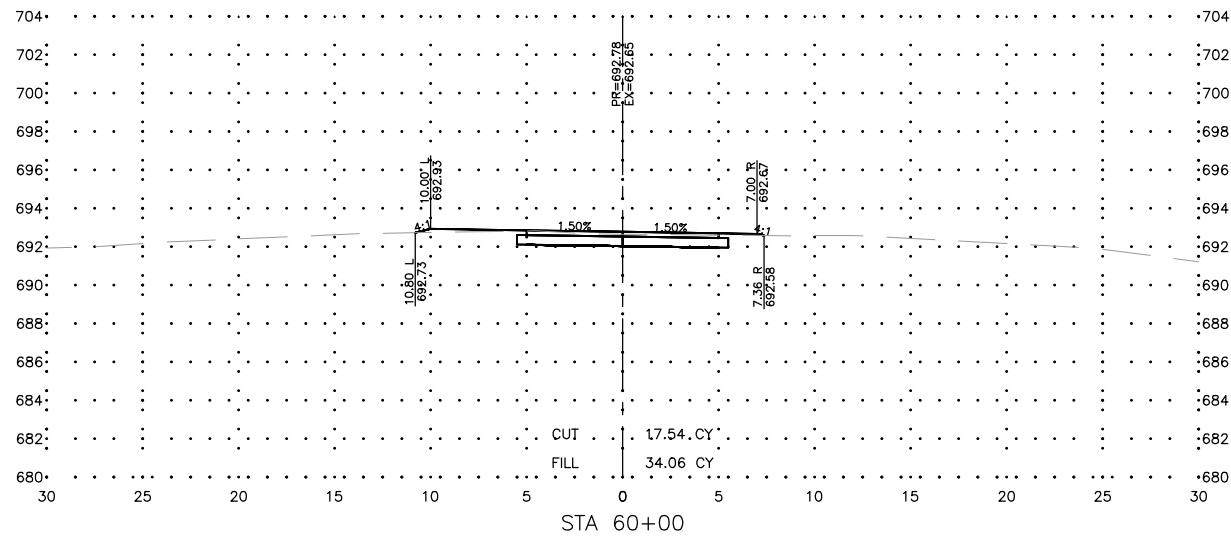
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SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

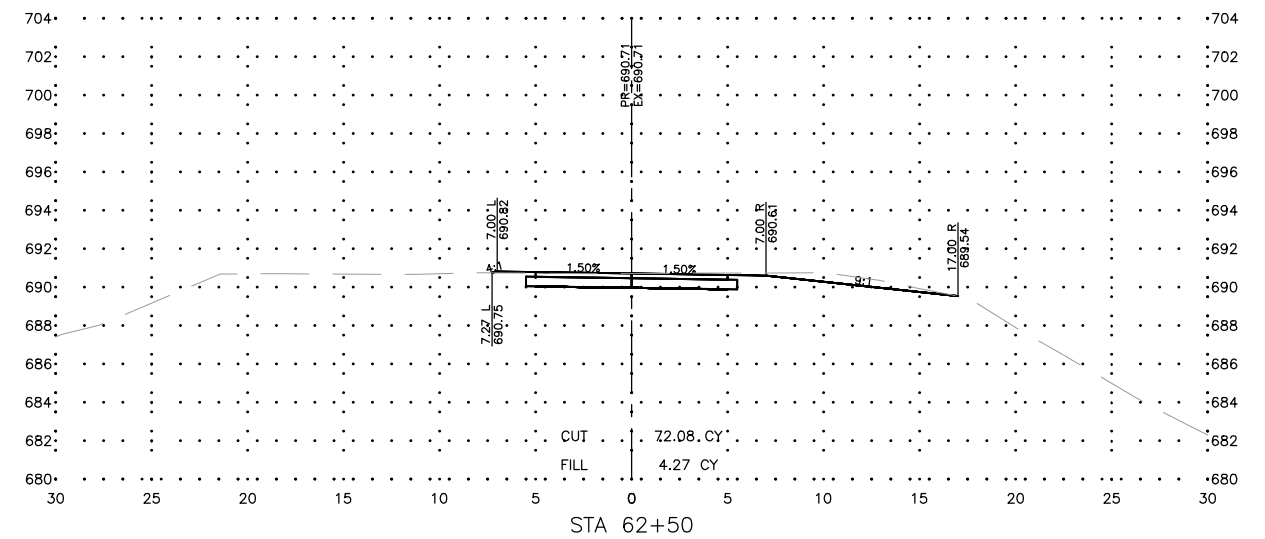
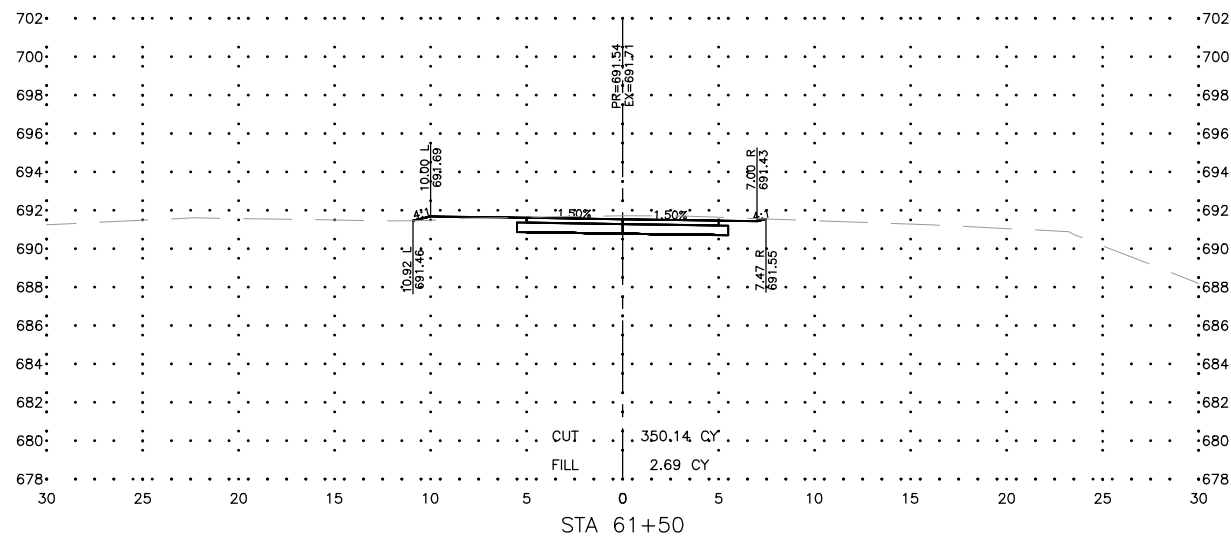
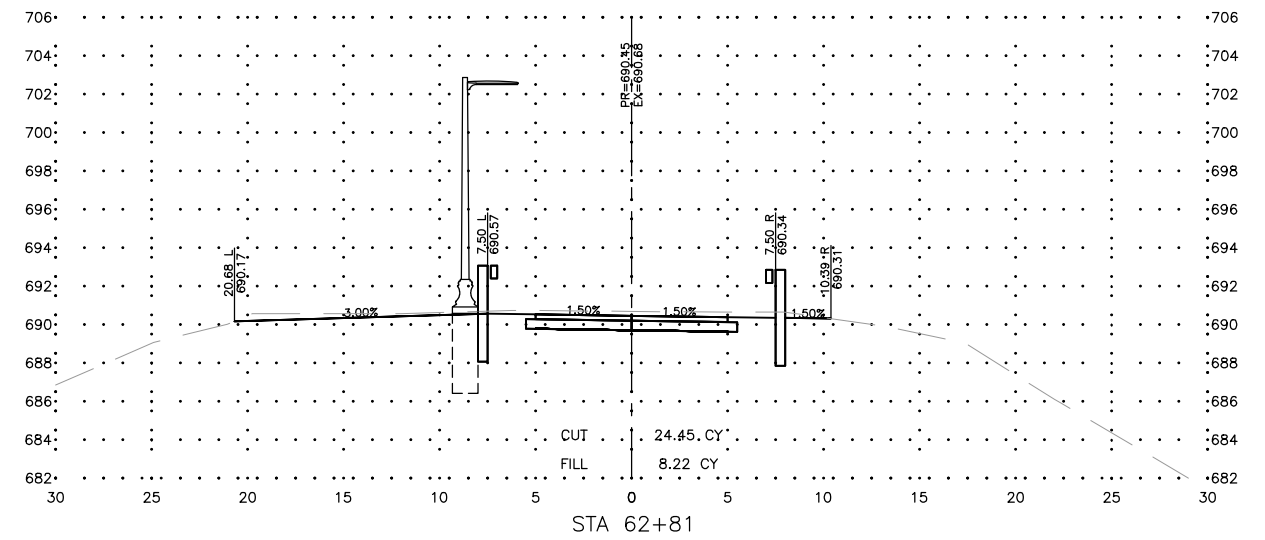
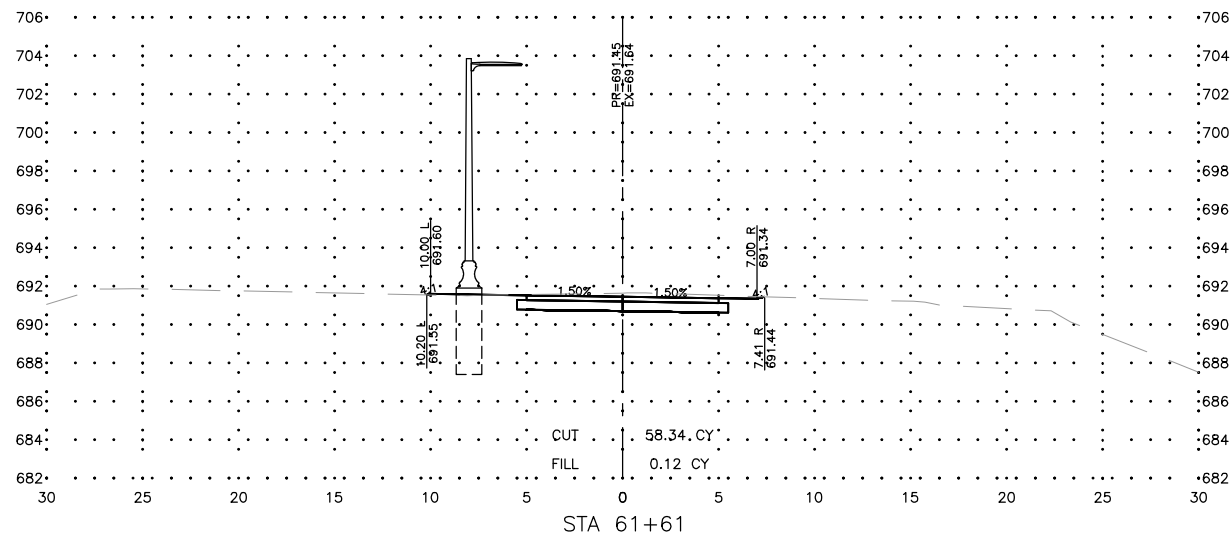
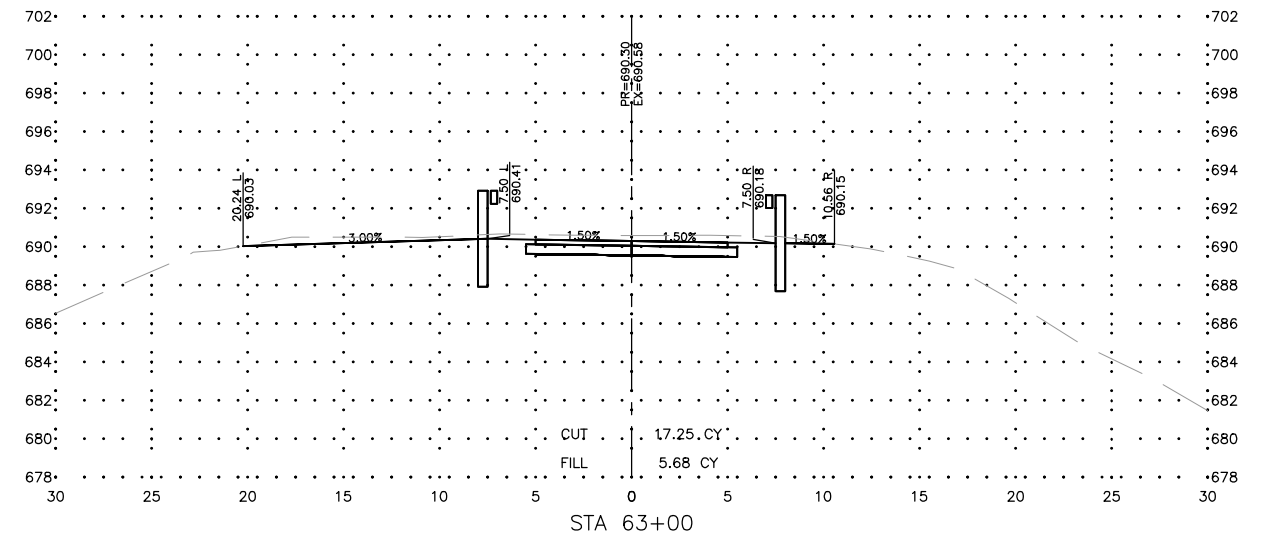
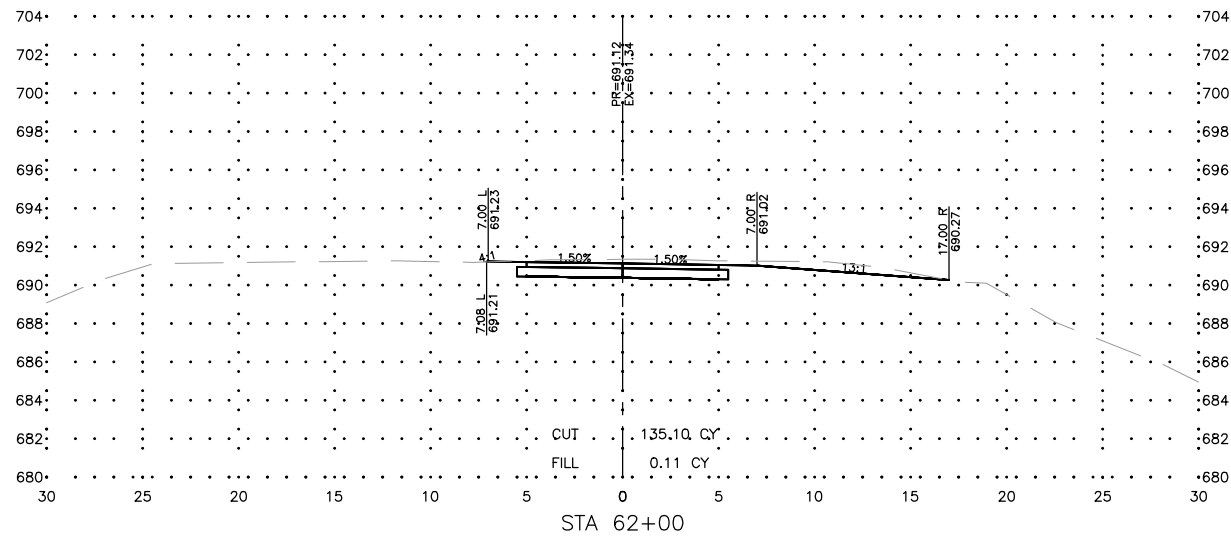
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B
SHEET NUMBER:
C35.0



REVISIONS		
REV. NO.	DESCRIPTION	DATE



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ILLINOIS
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CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

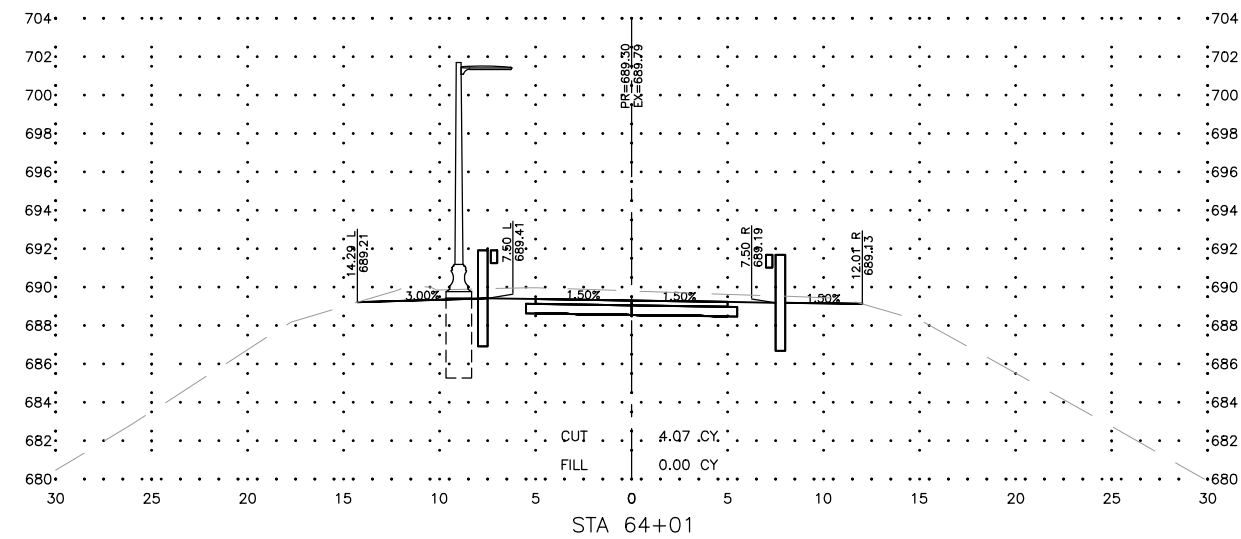
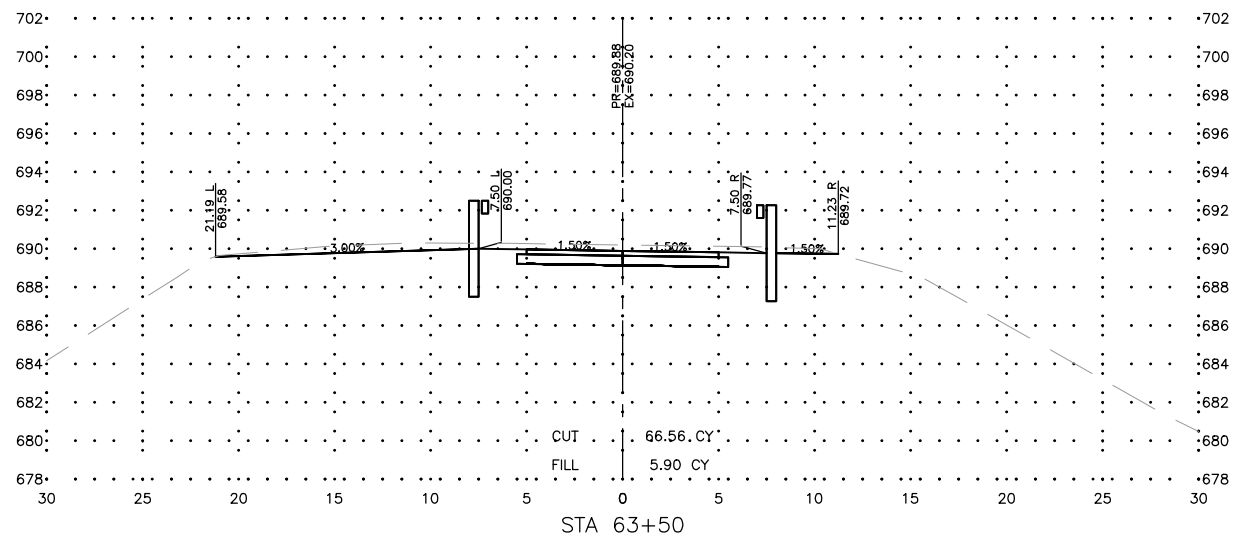
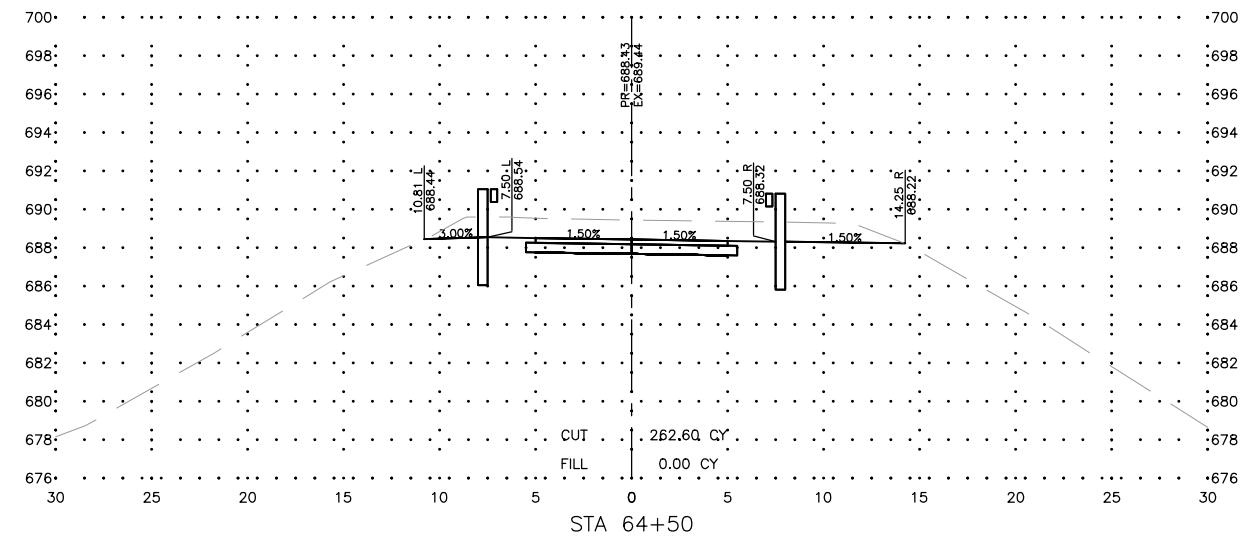
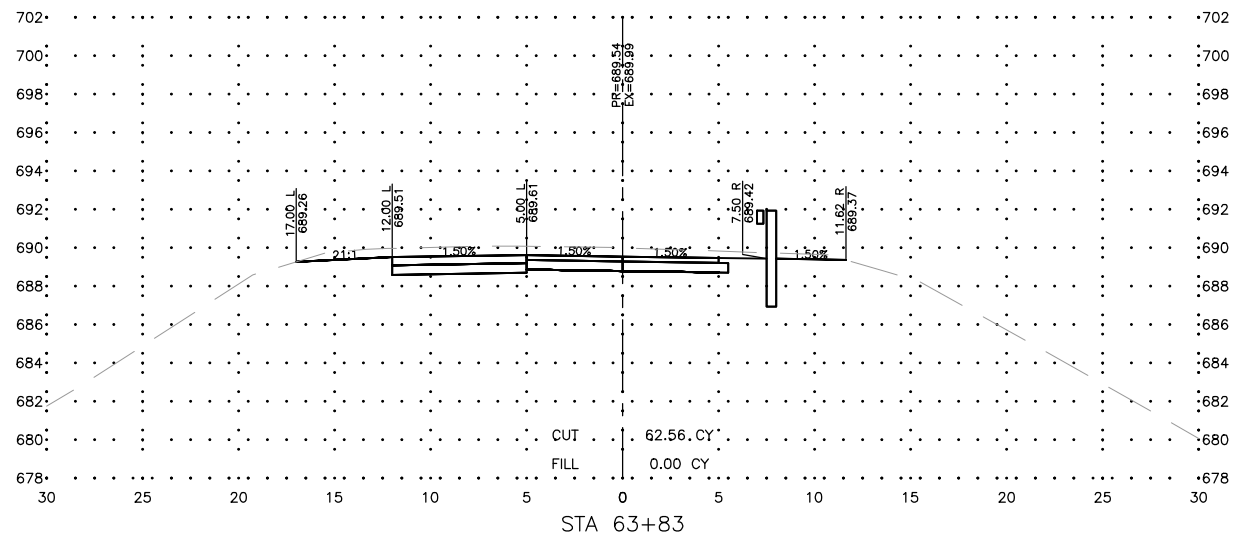
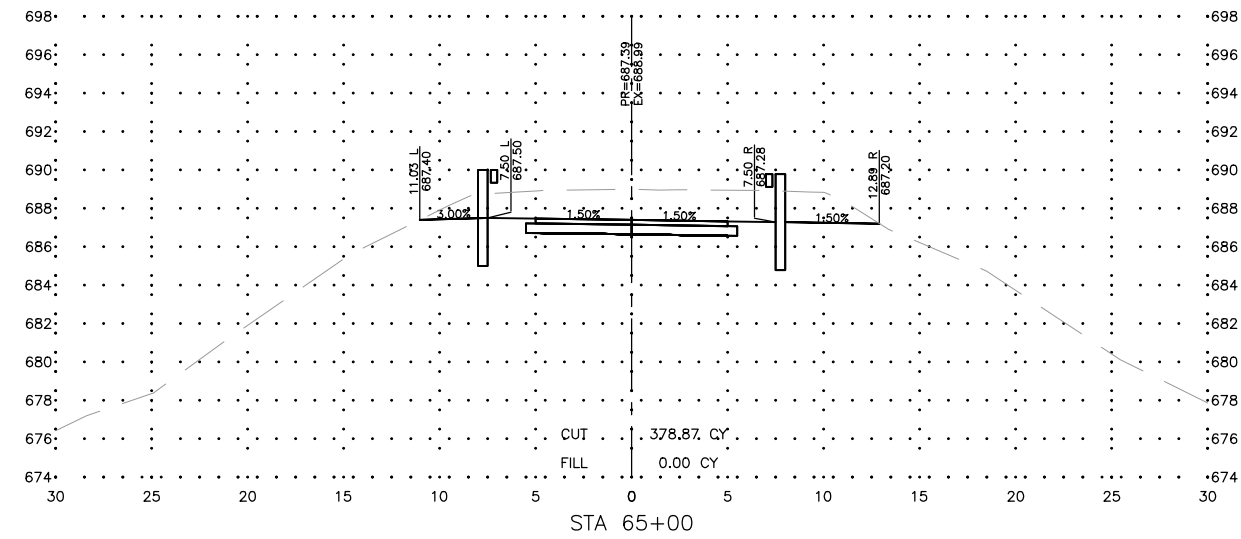
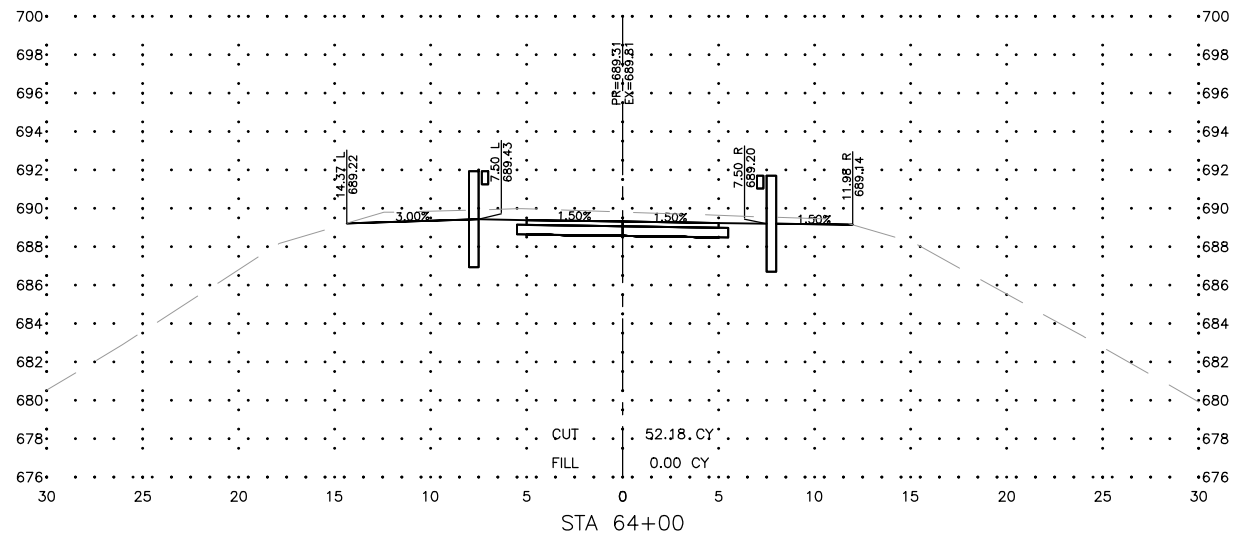
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17-0678\17-067A - Design.dwg, XSB (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C37.0



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ILLINOIS
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OWNER/DEVELOPER:
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 121 WEST 2ND STREET
 DIXON, IL 61016

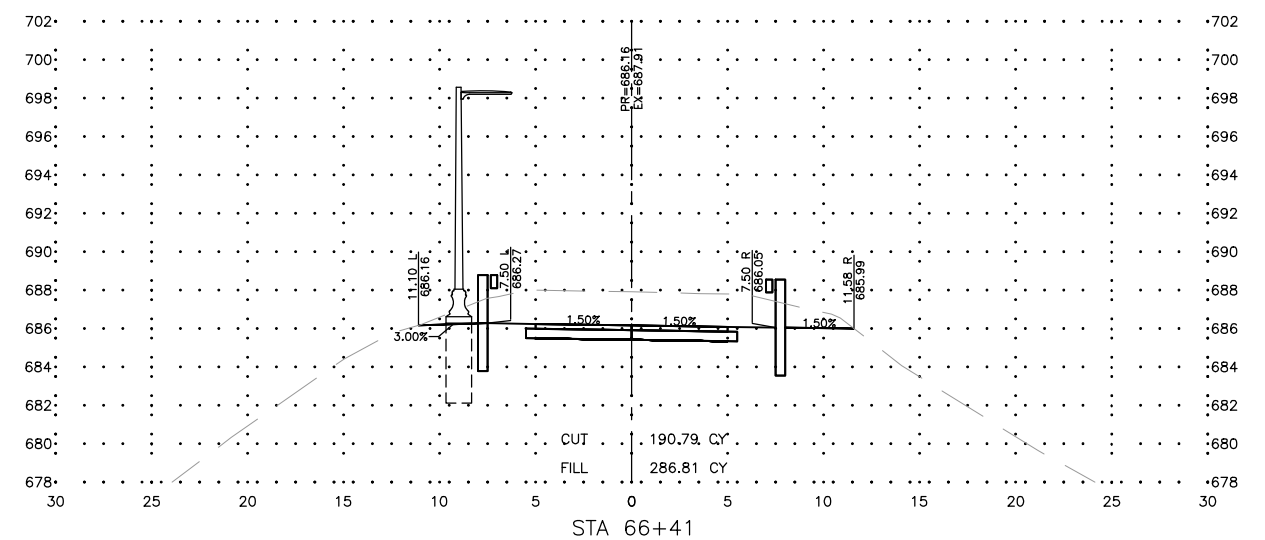
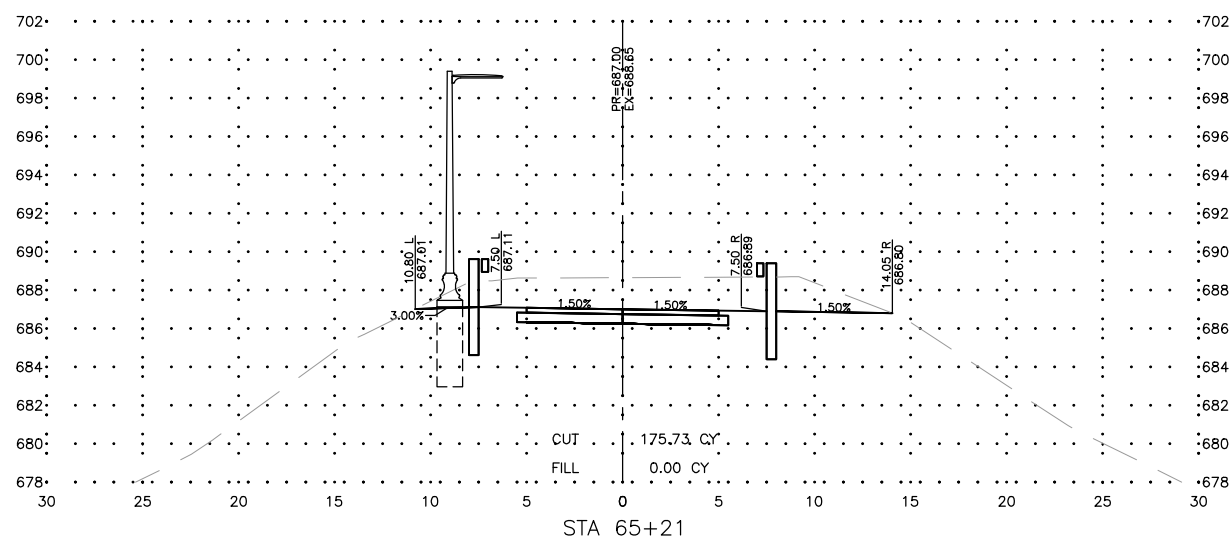
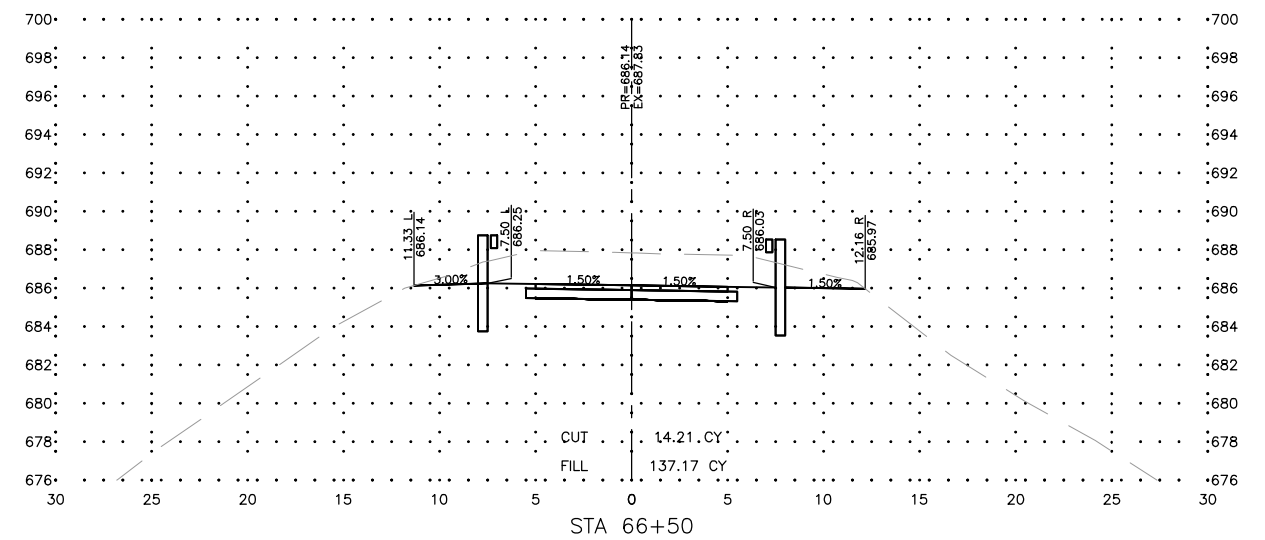
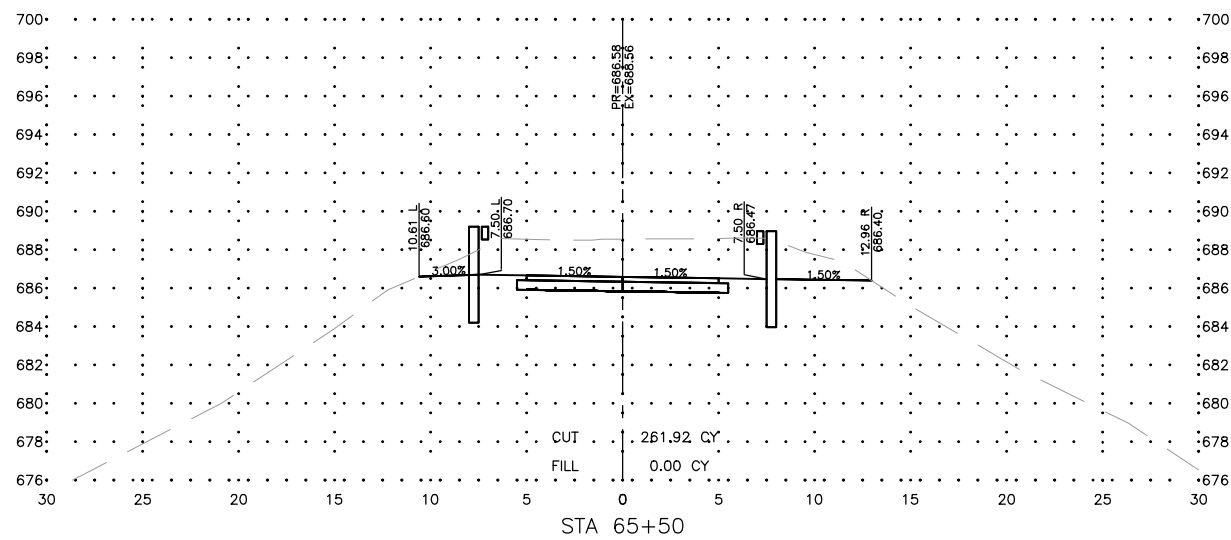
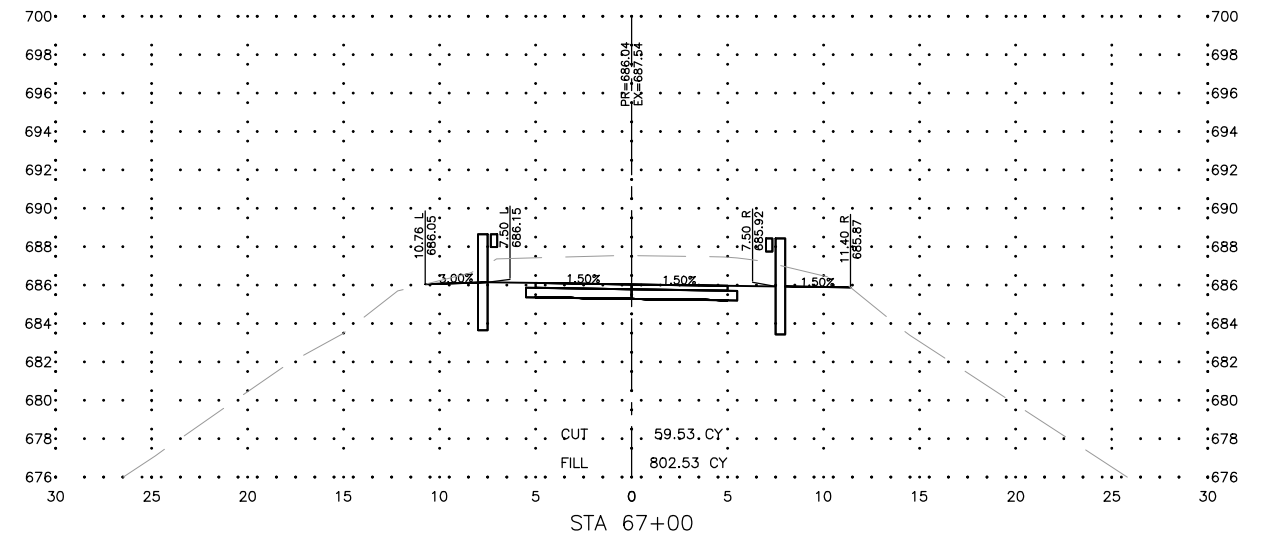
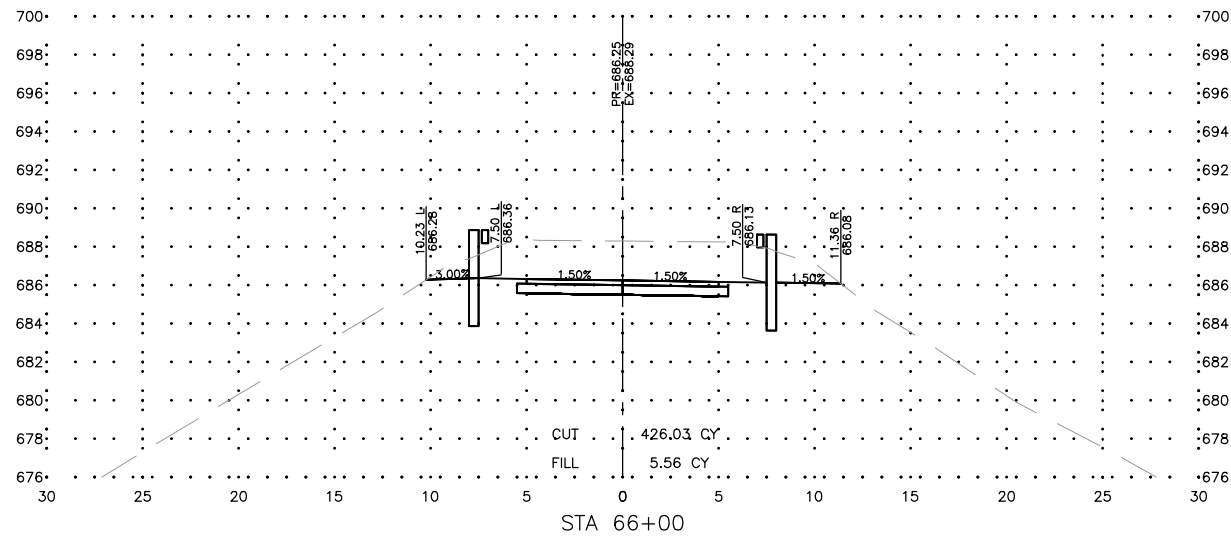
PROJECT AND LOCATION:
 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO. MXY3(094)
 JOB C-92-024-19

DRAWN BY: MS
 APPROVED BY: JS
 DATE: 10/19/22
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 CROSS SECTIONS SEGMENT A - WEST SIDE
 EXTENSION
 SET TYPE: FOR BID SET
 G:\C30\17\17-0678\17-067A - Design.dwg, X59 (Rev)

JOB NUMBER:
 17-067B
 SHEET NUMBER:
 C38.0



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CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

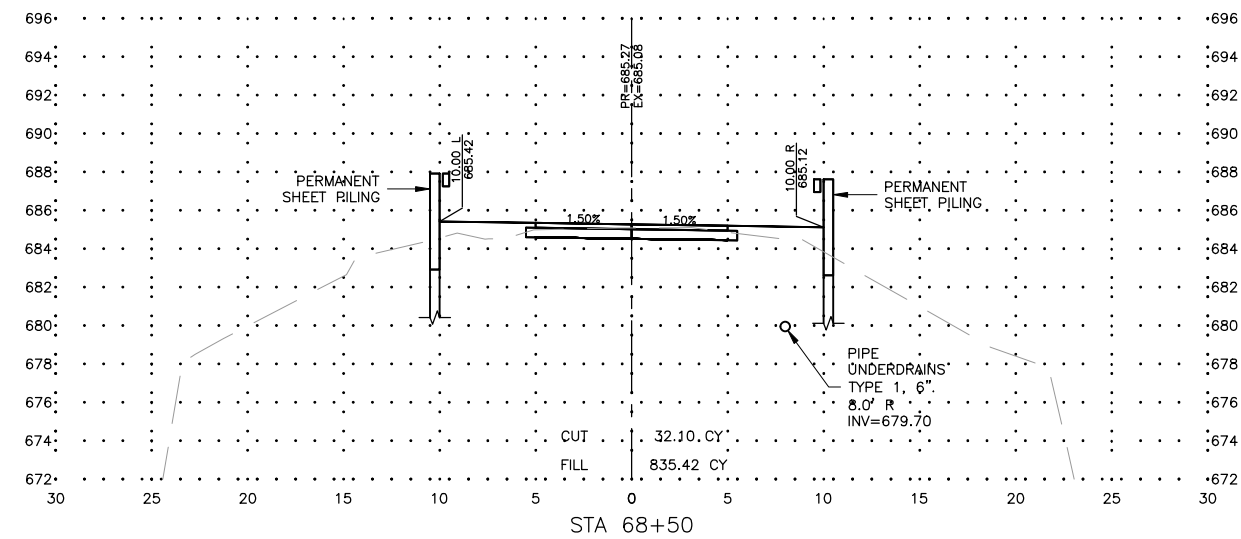
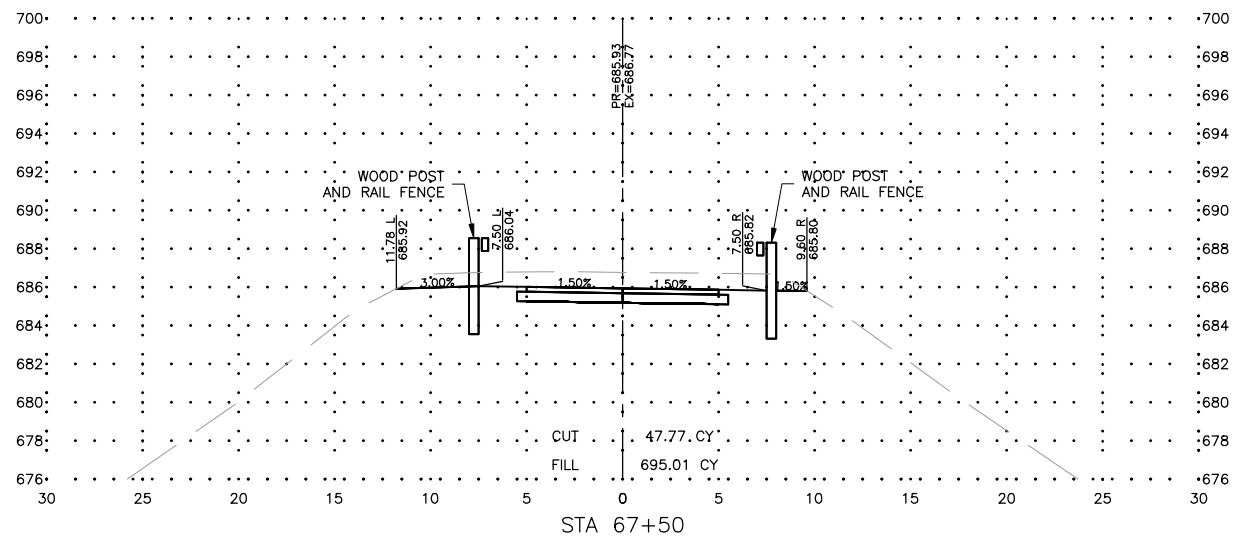
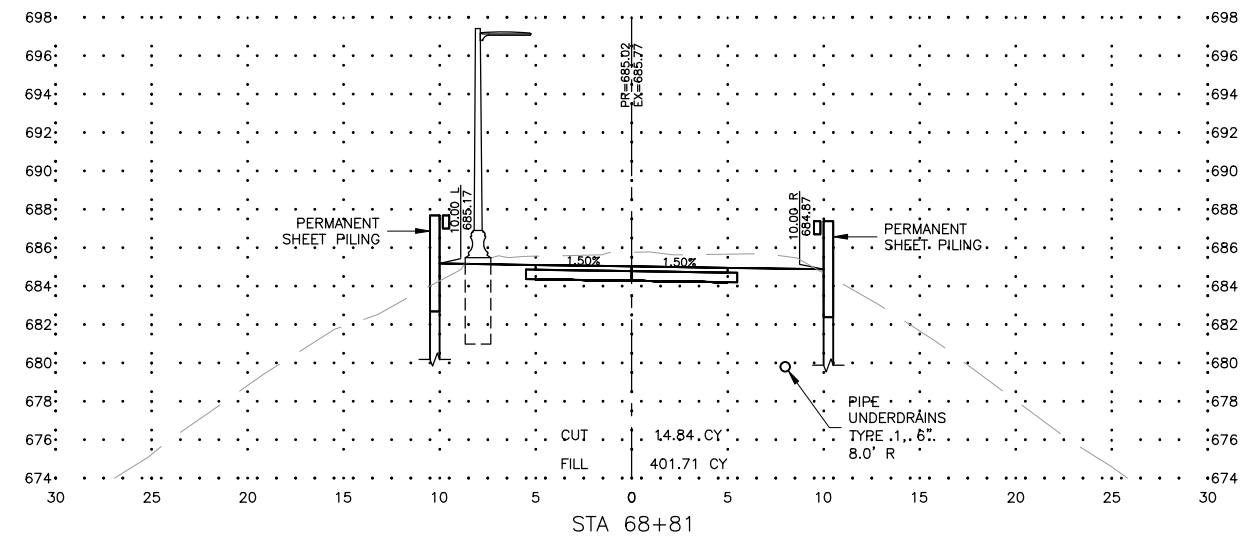
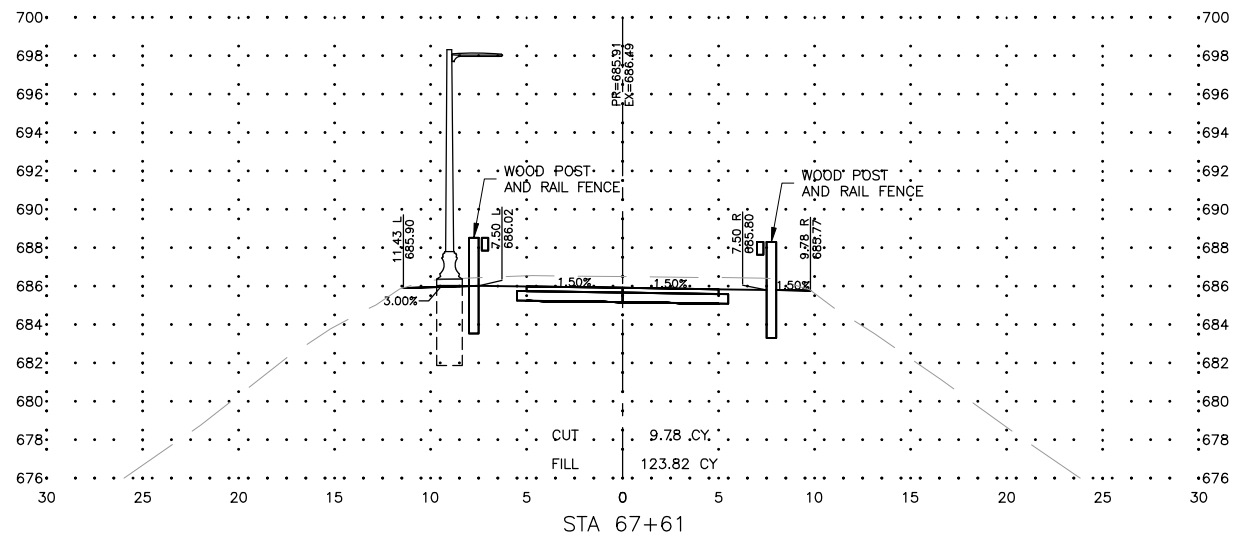
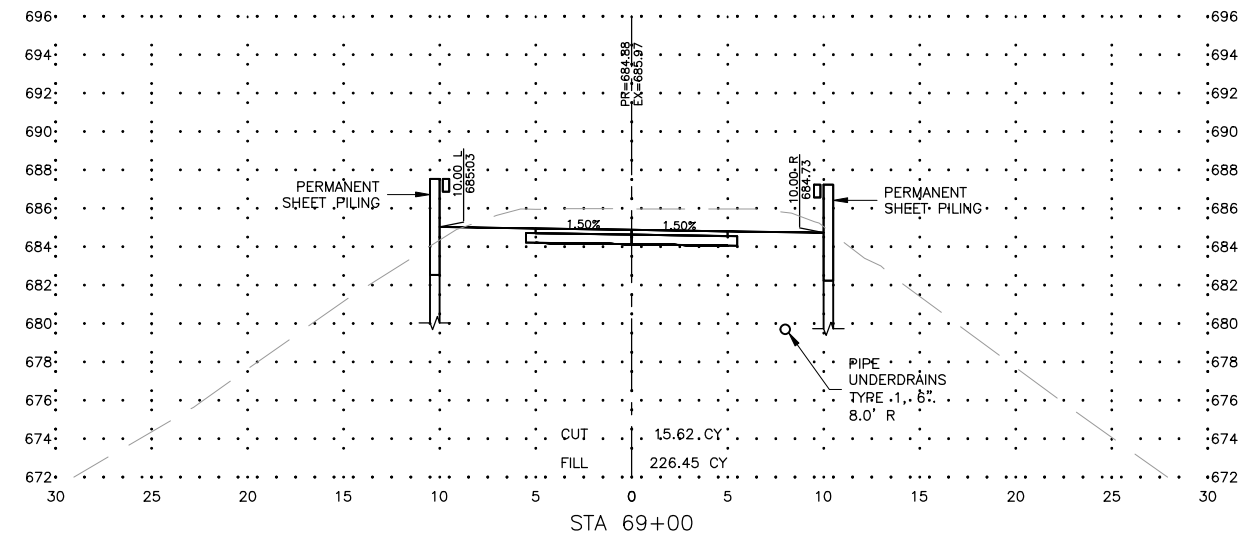
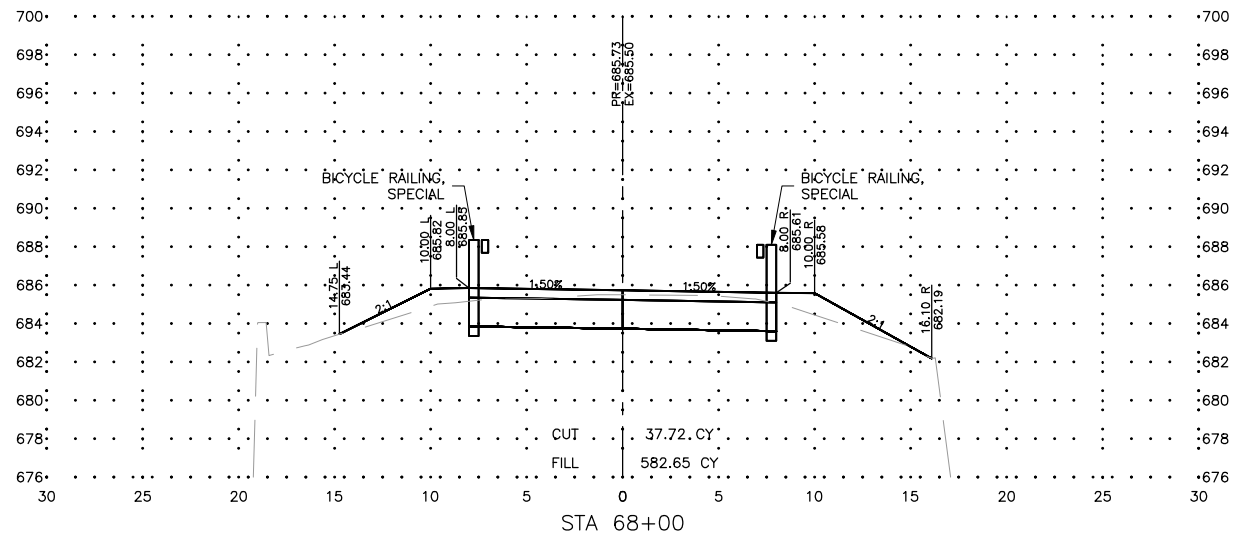
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17-0678\17-067A - Design.dwg, XS10 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C39.0



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ILLINOIS
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121 WEST 2ND STREET
DIXON, IL 61016

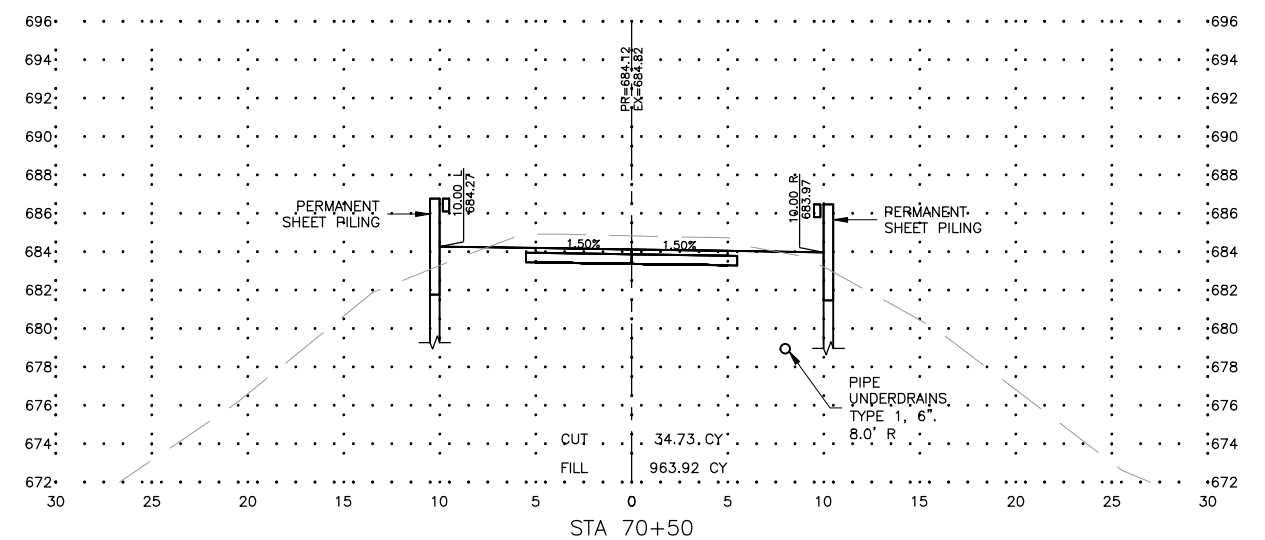
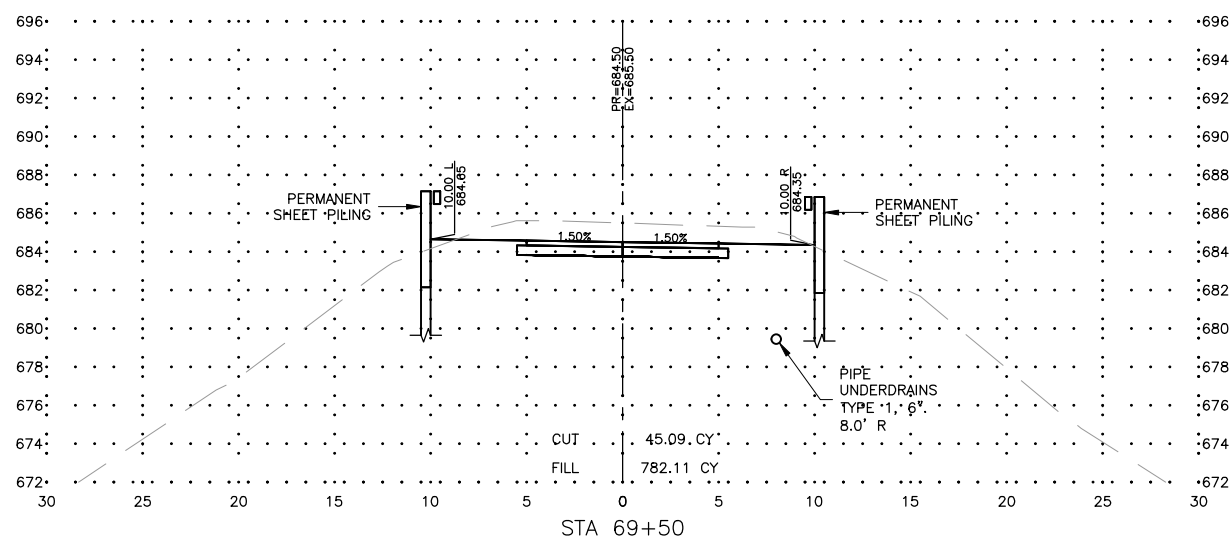
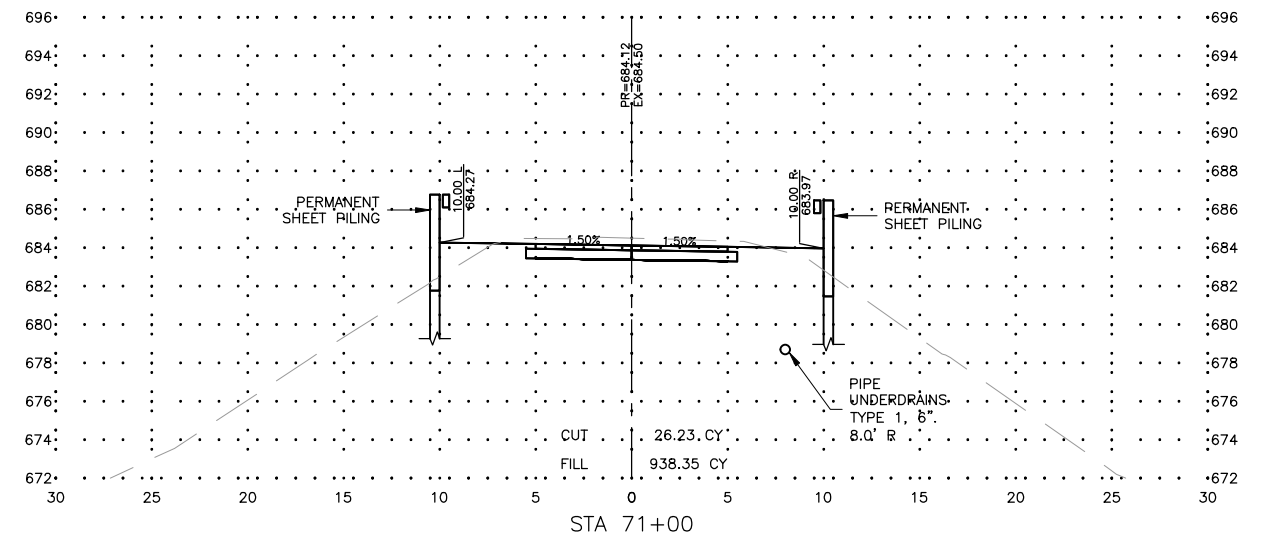
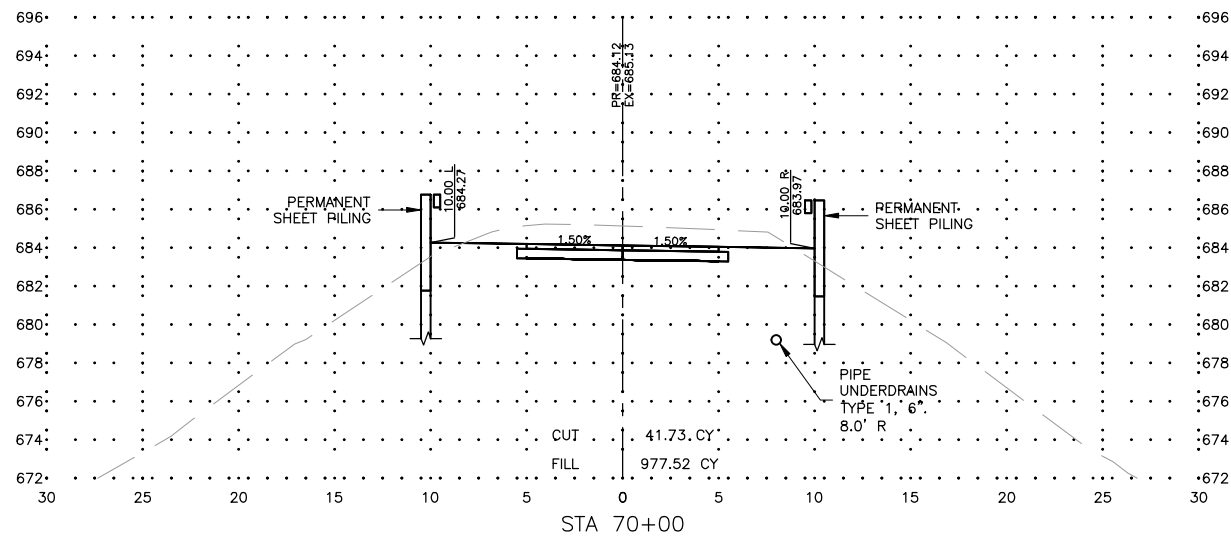
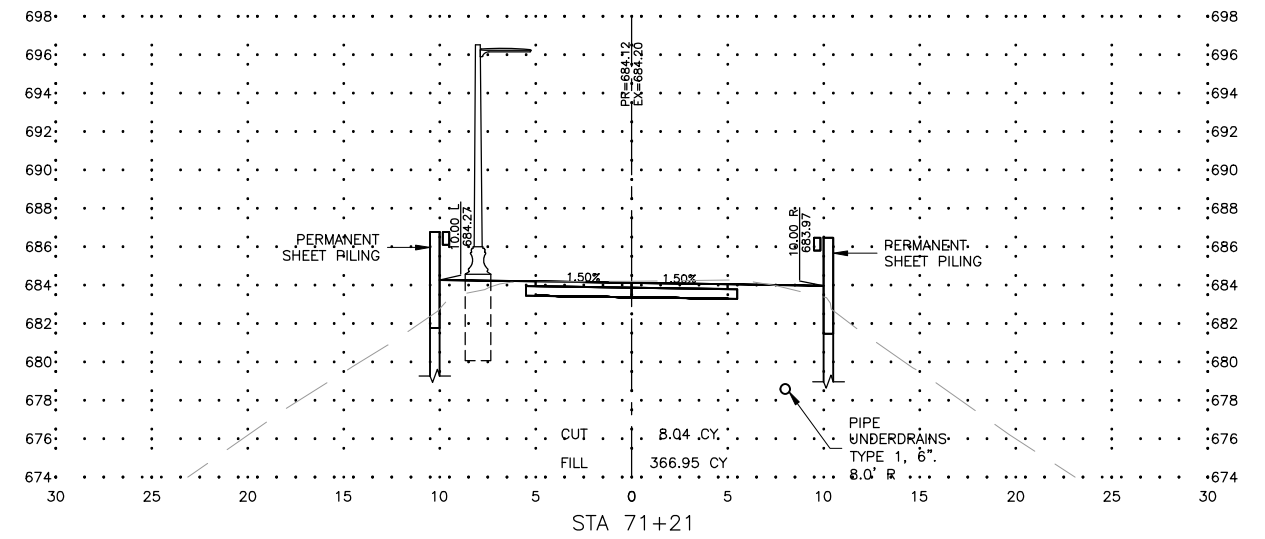
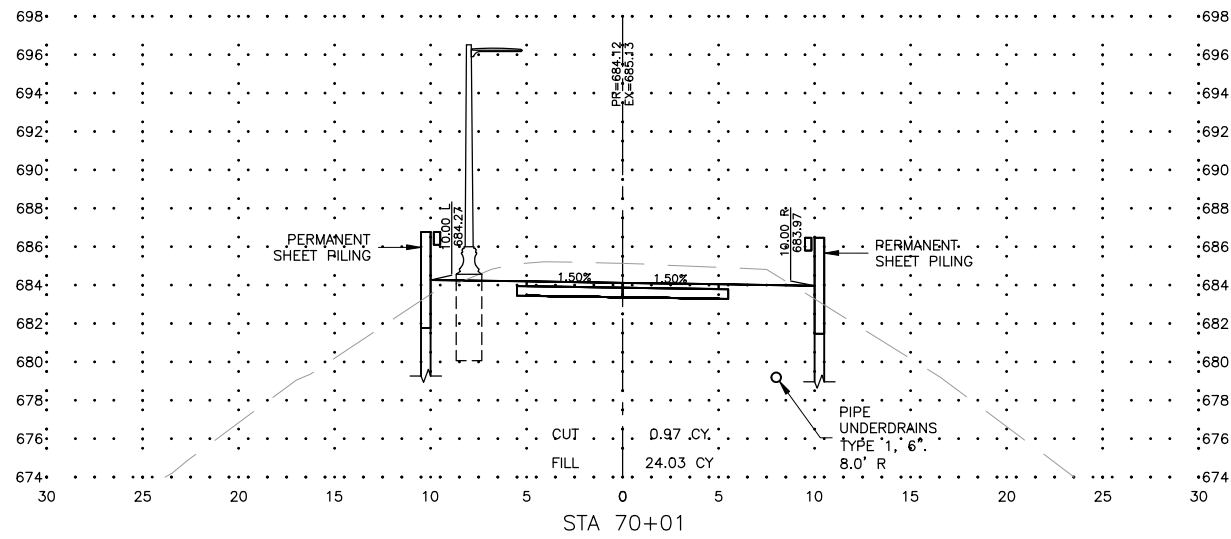
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
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EXTENSION
SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B
SHEET NUMBER:
C40.0



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121 WEST 2ND STREET
DIXON, IL 61016

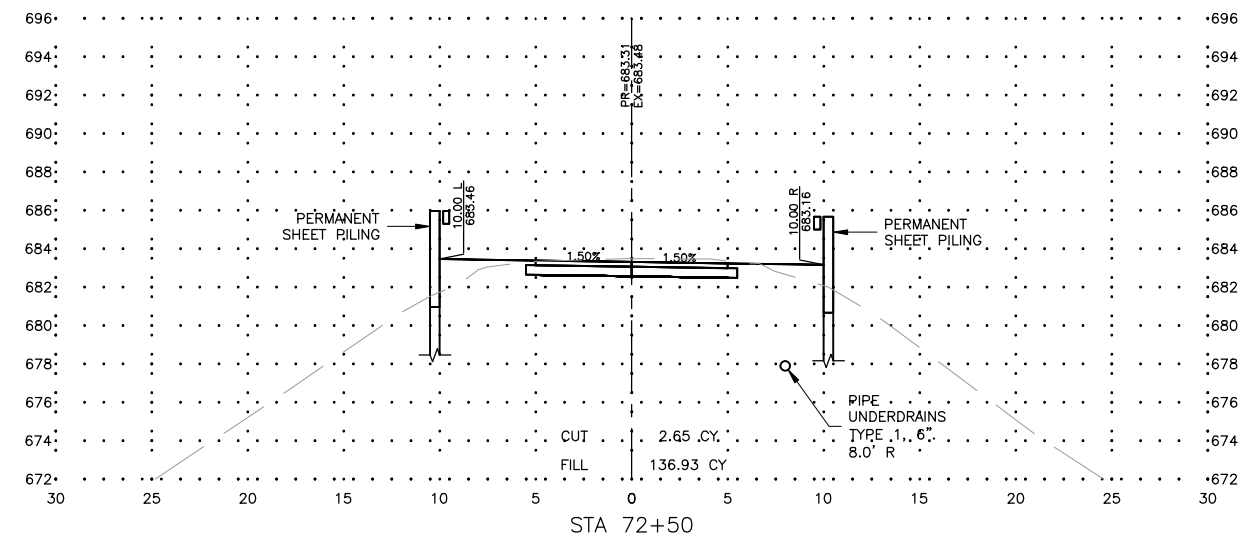
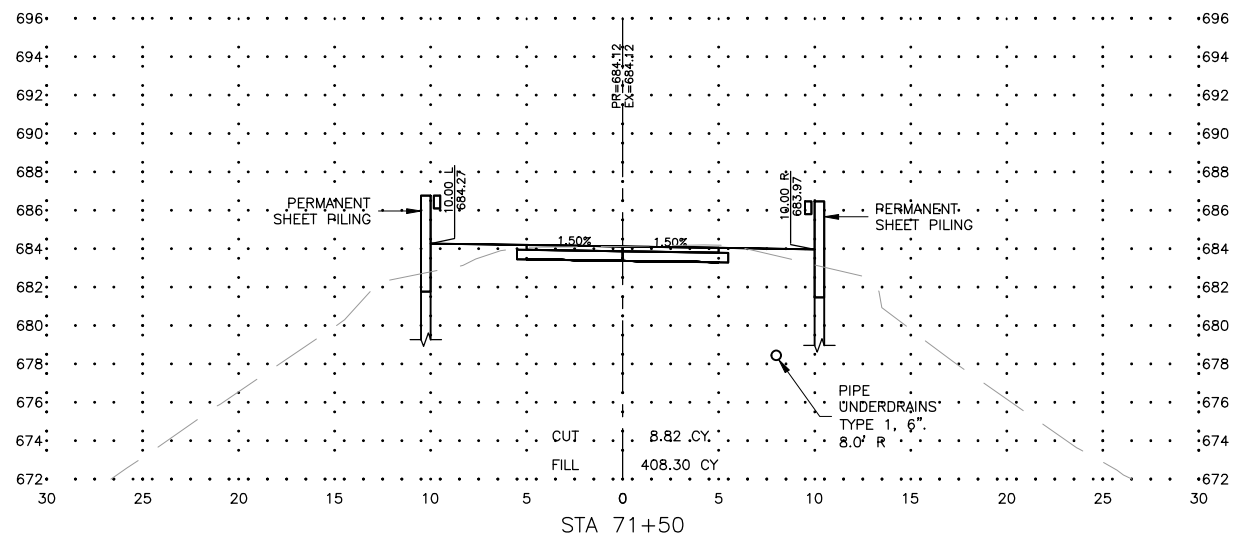
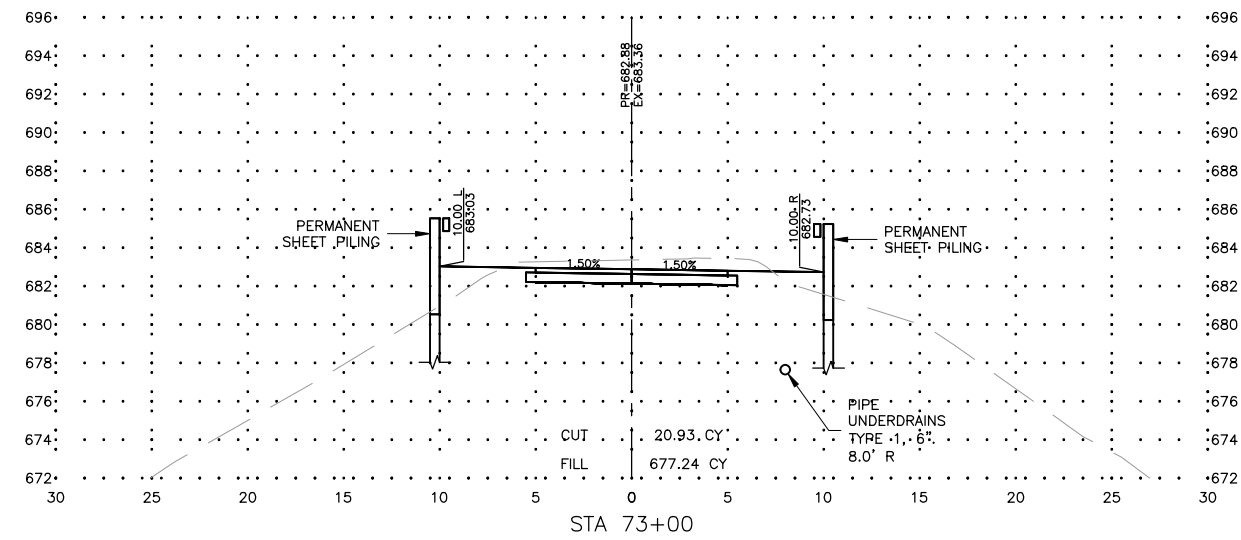
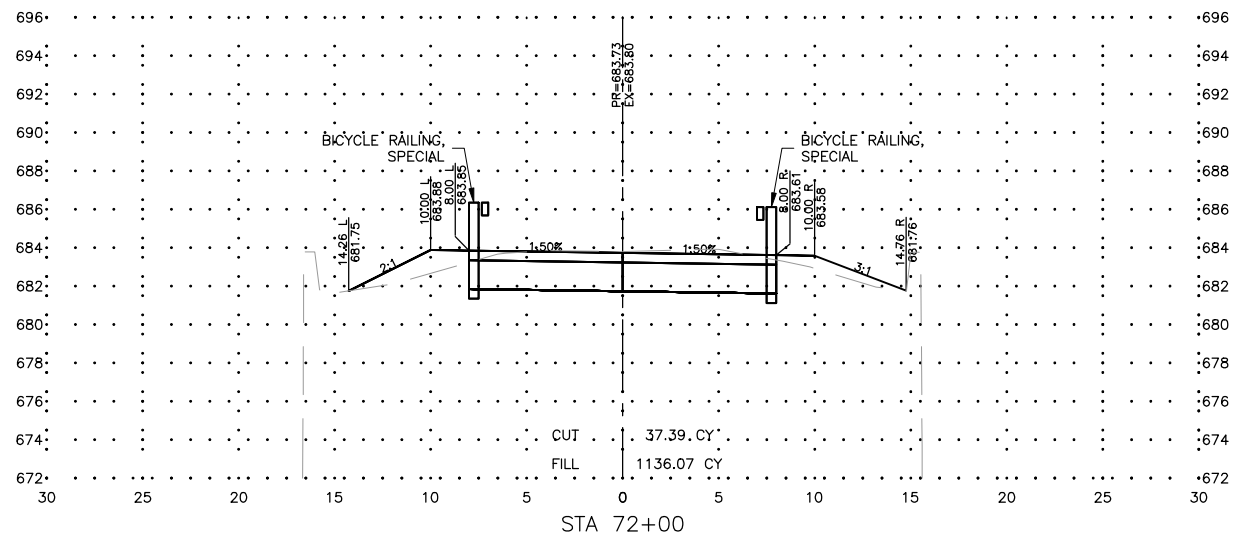
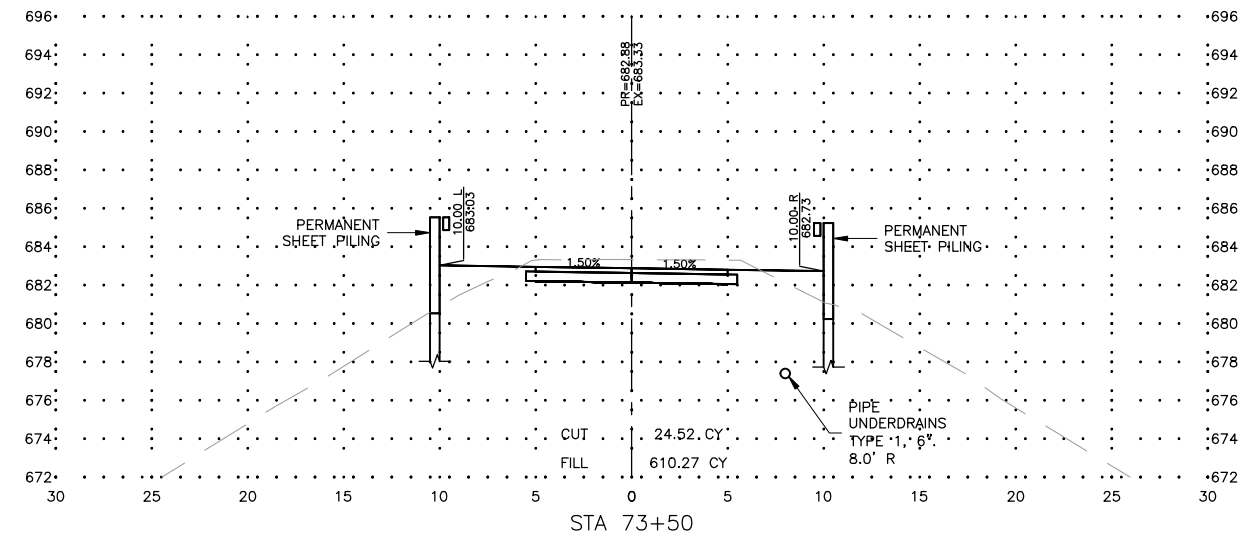
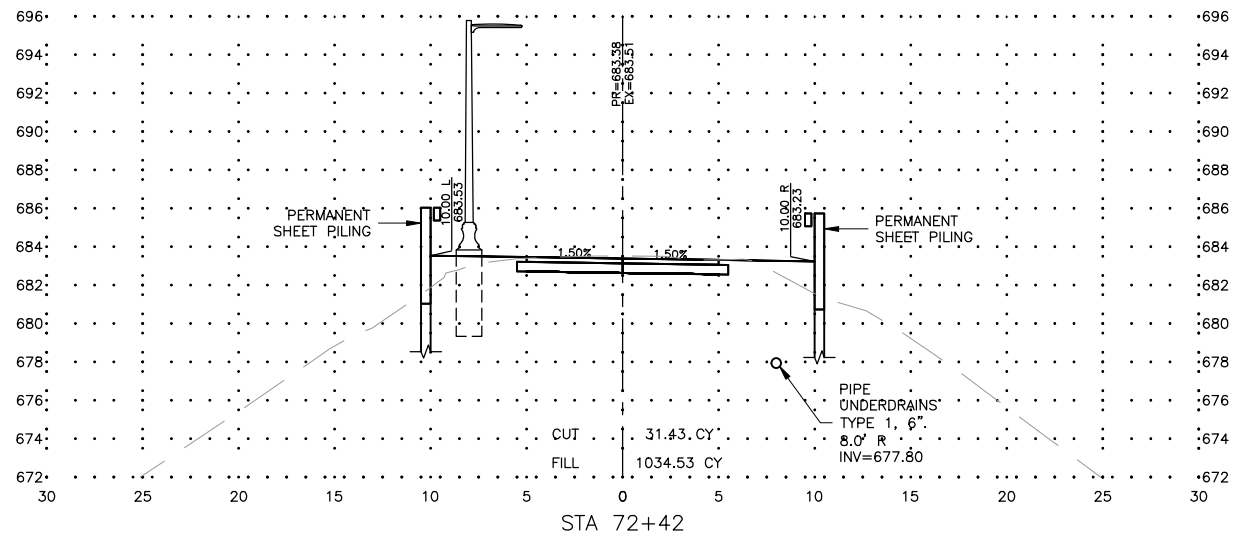
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
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EXTENSION
SET TYPE: FOR BID SET
G:\C30\17\17-0678\17-067A - Design.dwg, XS12 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C41.0



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121 WEST 2ND STREET
DIXON, IL 61016

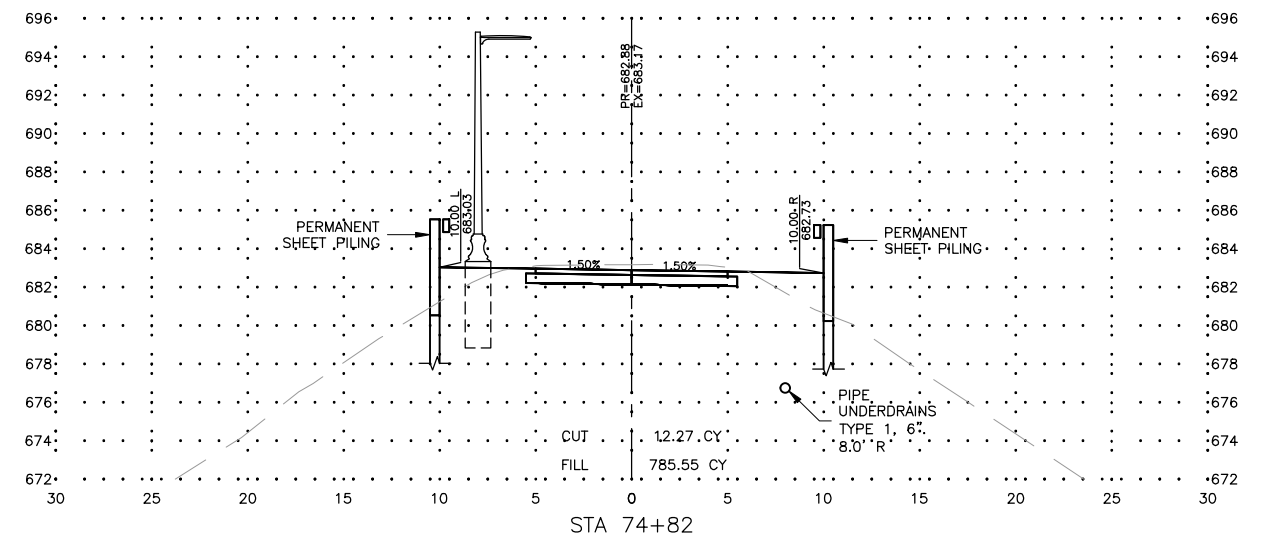
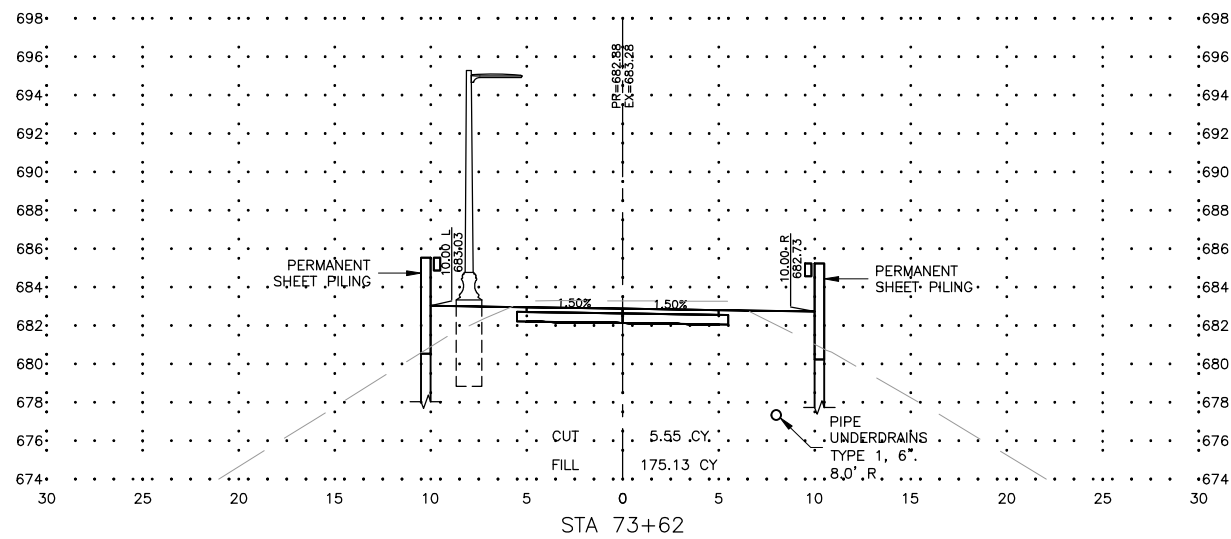
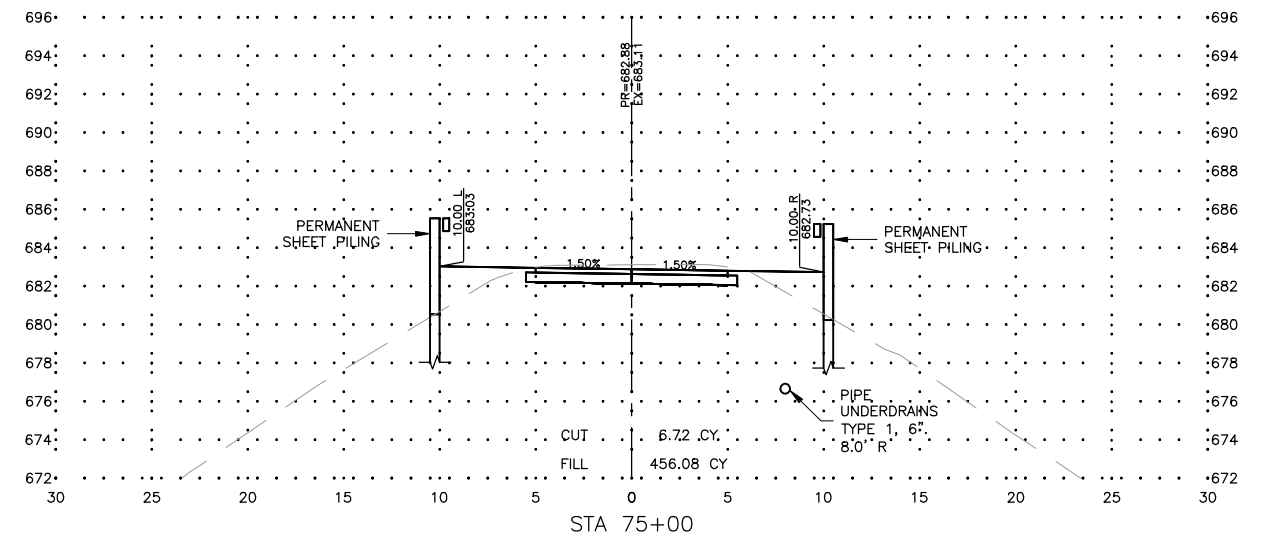
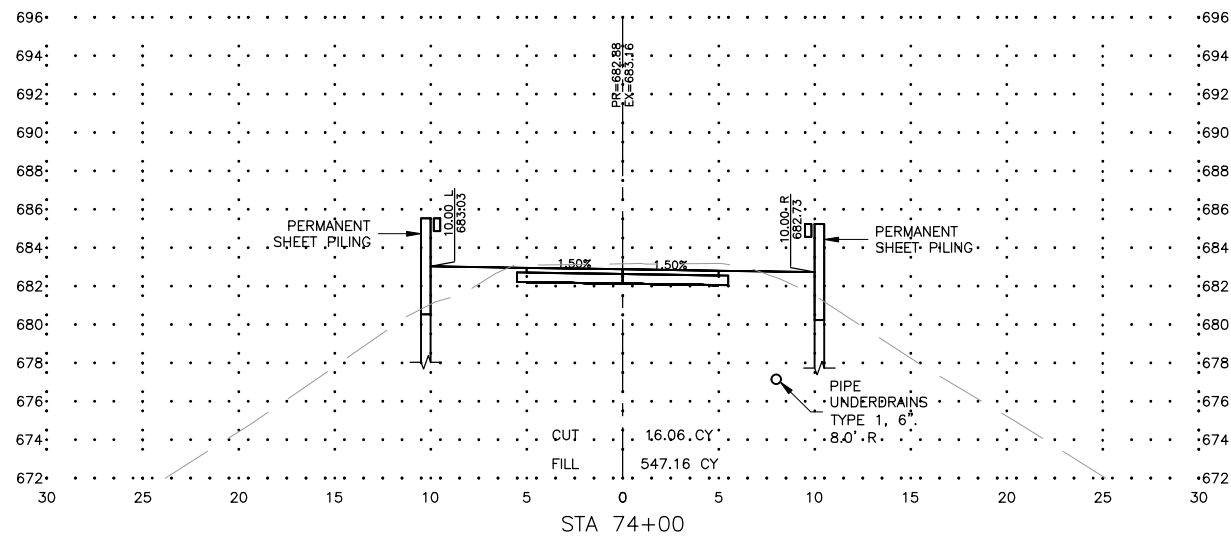
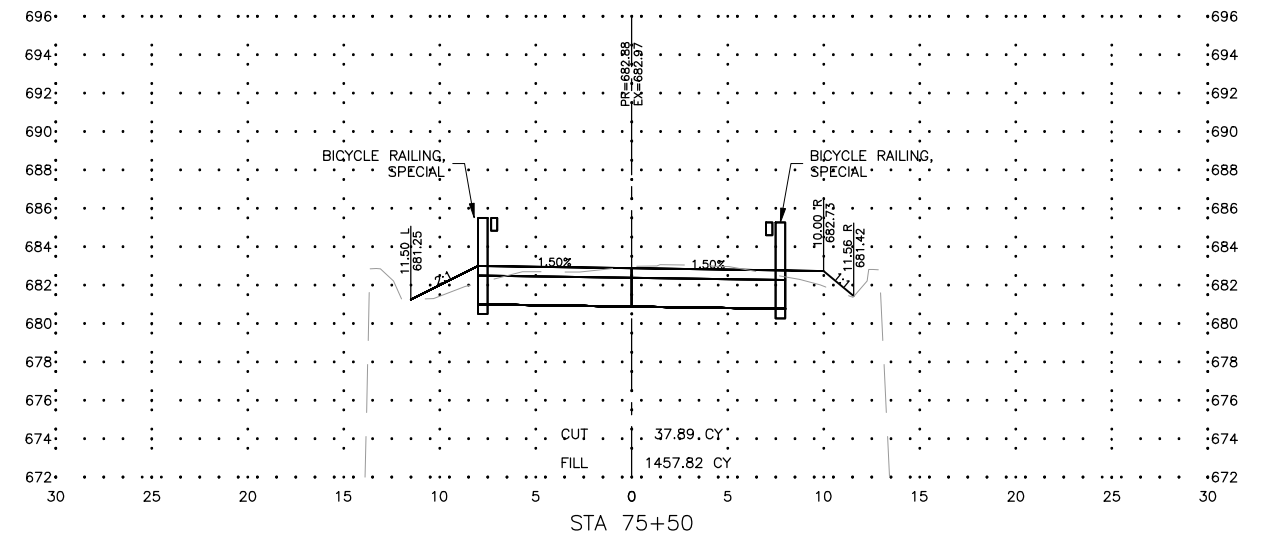
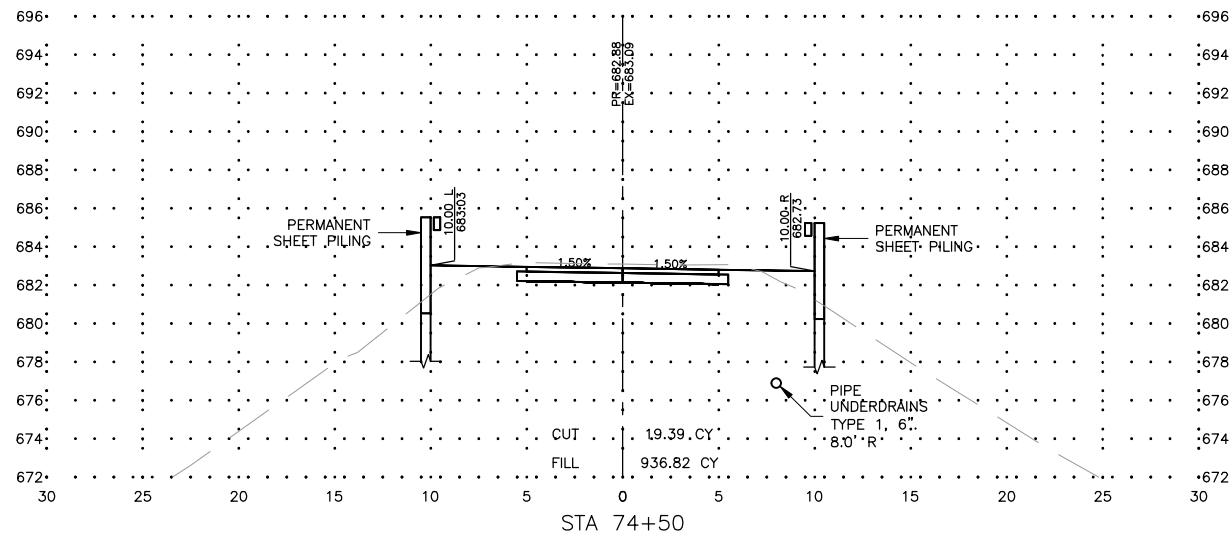
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SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

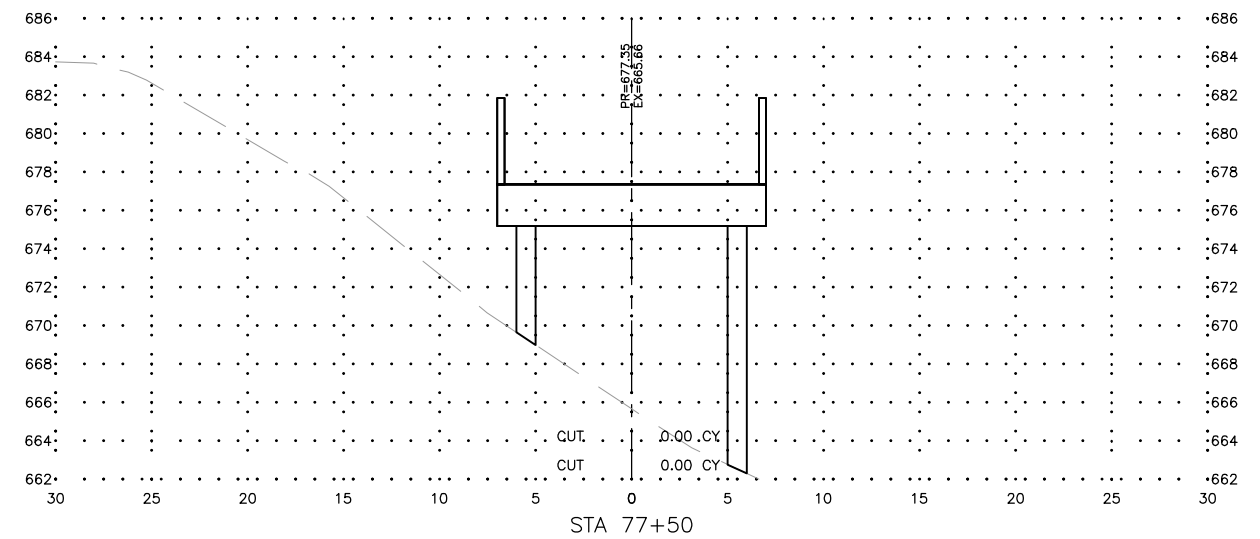
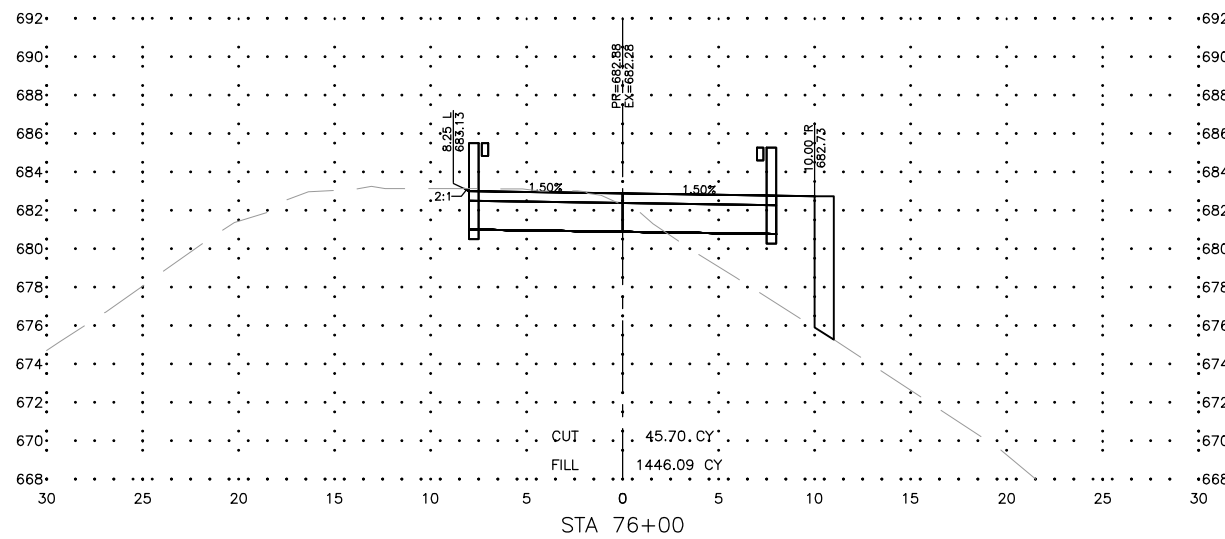
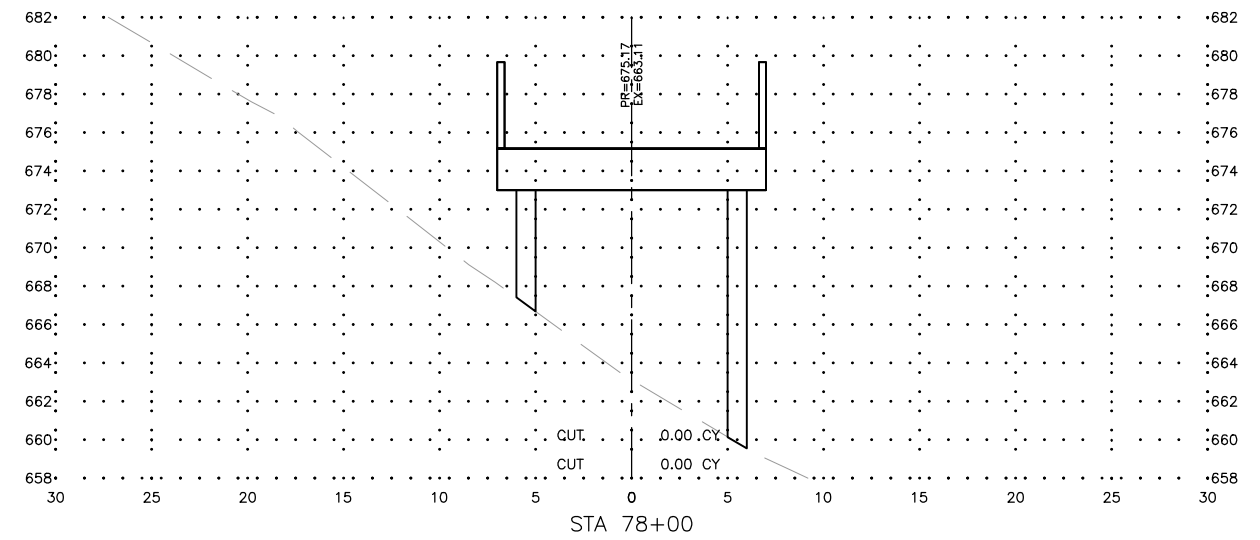
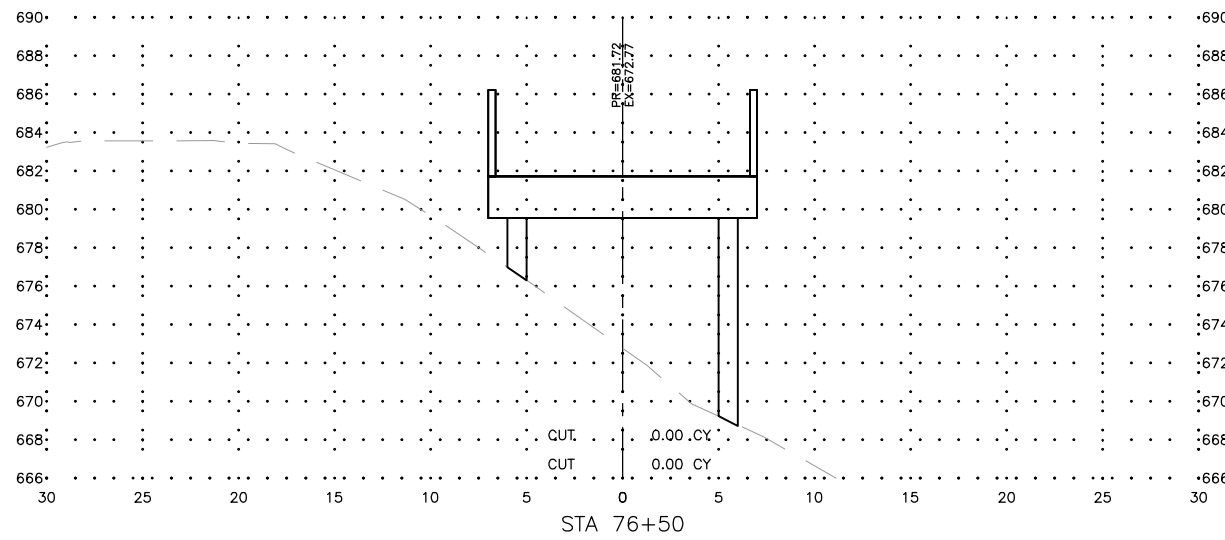
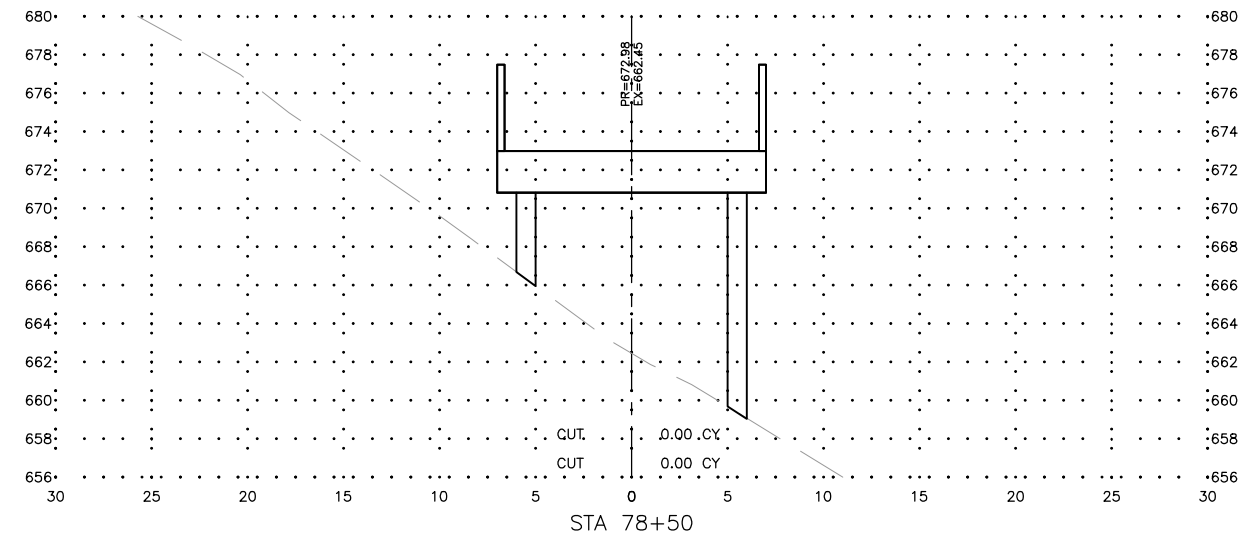
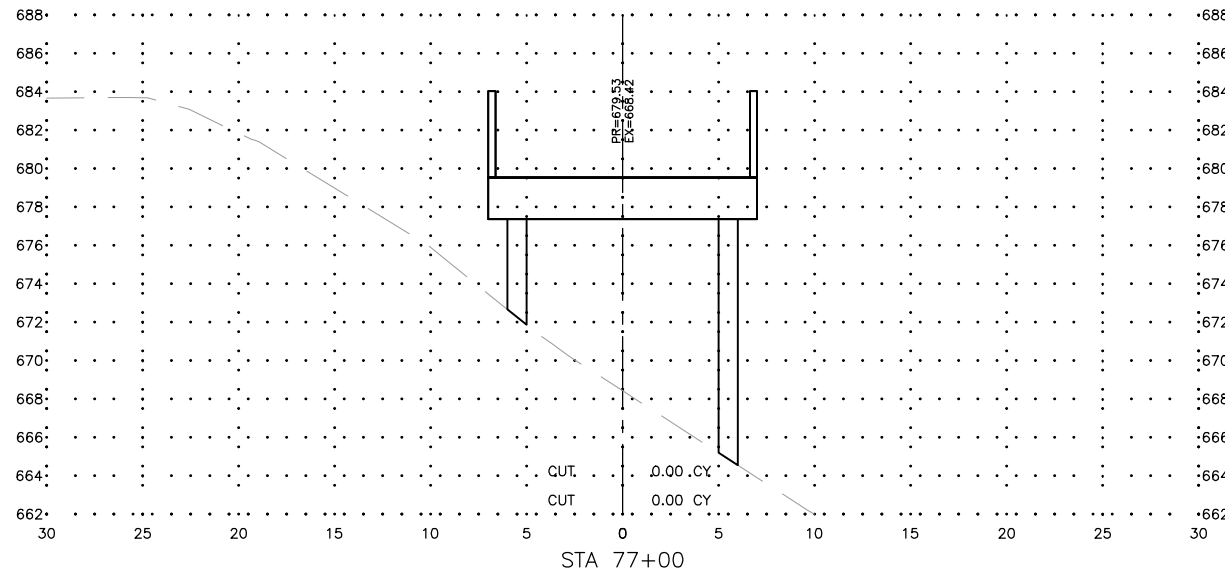
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17\17-067B\17-067A - Design.dwg, XS13 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C42.0



REVISIONS		
REV. NO.	DESCRIPTION	DATE



FEHR GRAHAM
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ILLINOIS
IOWA
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OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

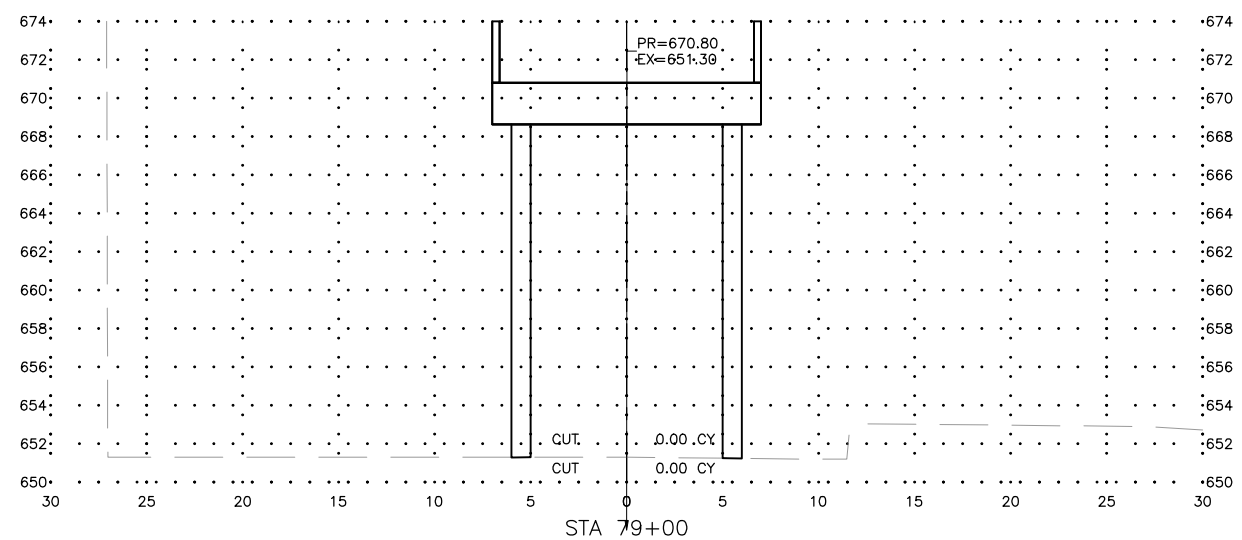
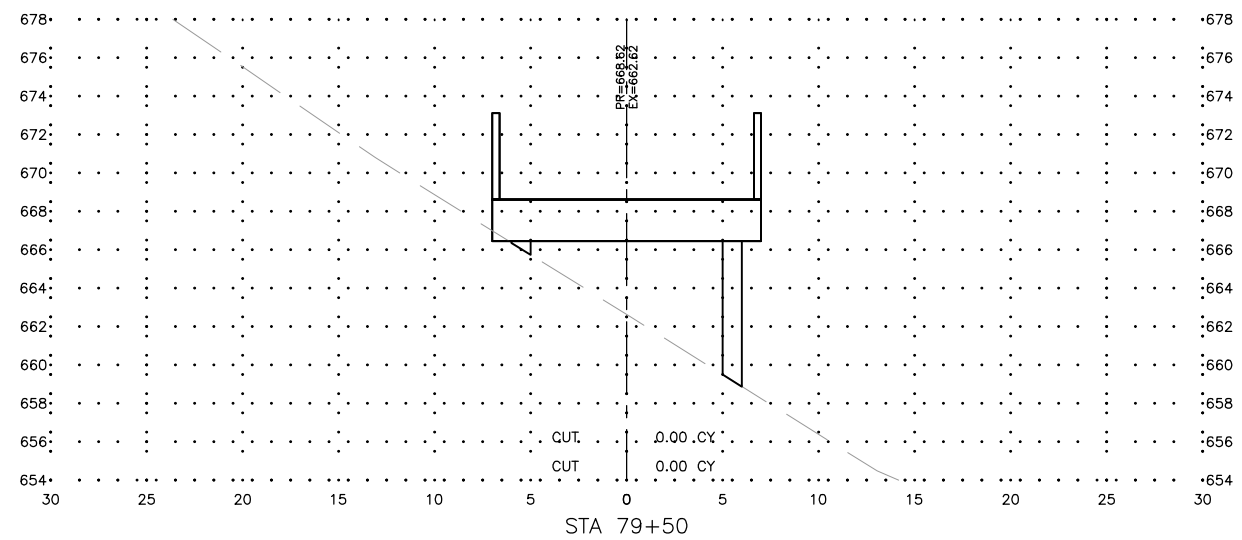
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17-0678\17-0678A - Design.dwg, XS15 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C44.0



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
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OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

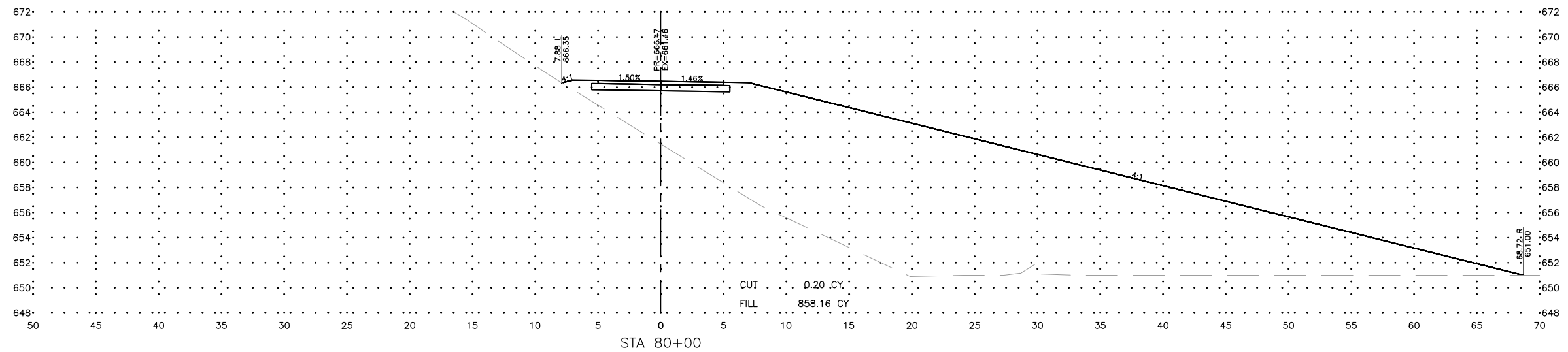
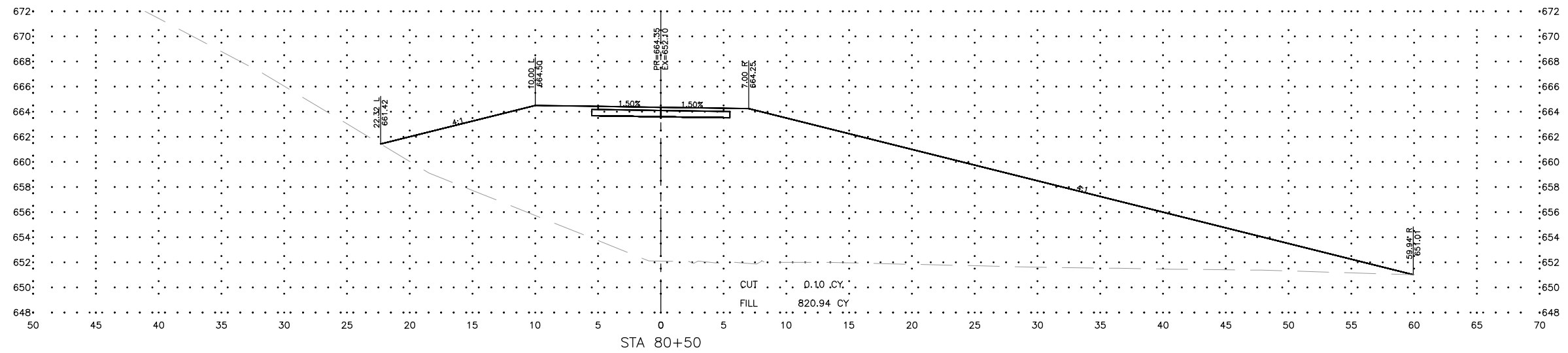
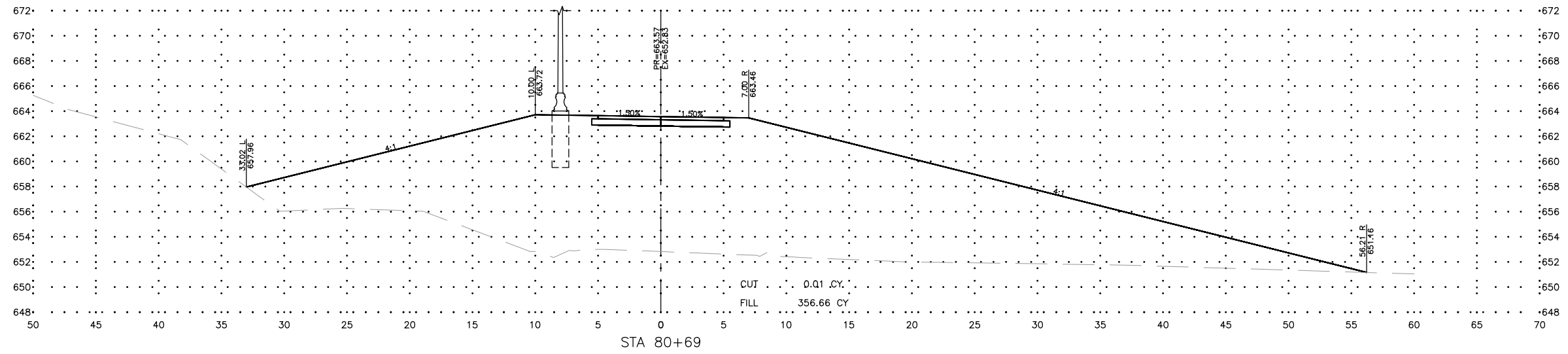
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SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17-0678\17-067A - Design.dwg, XS16 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C45.0



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

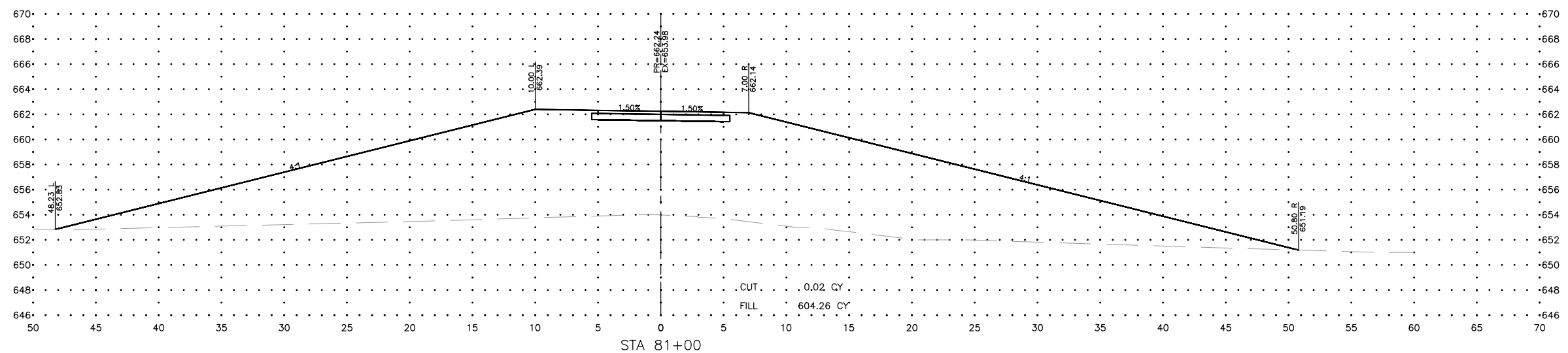
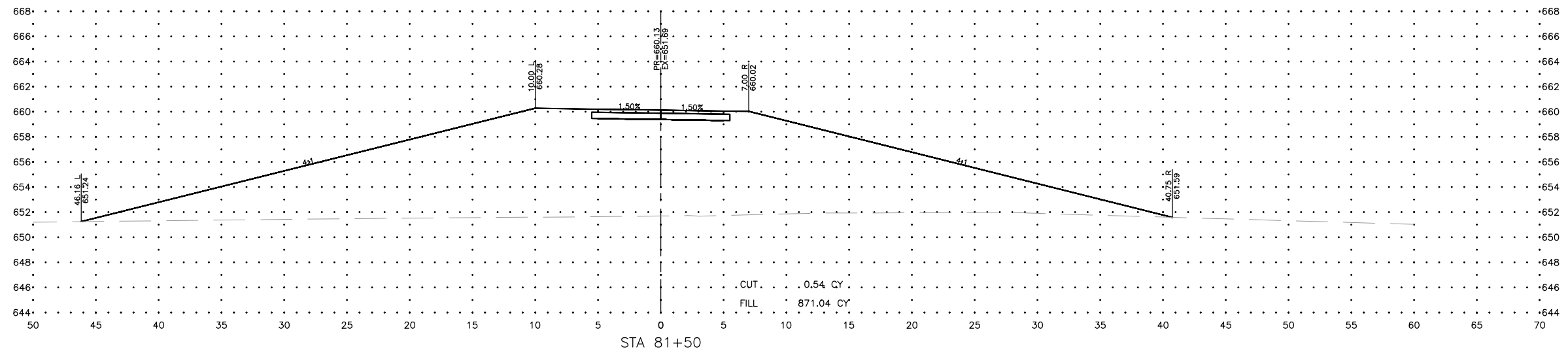
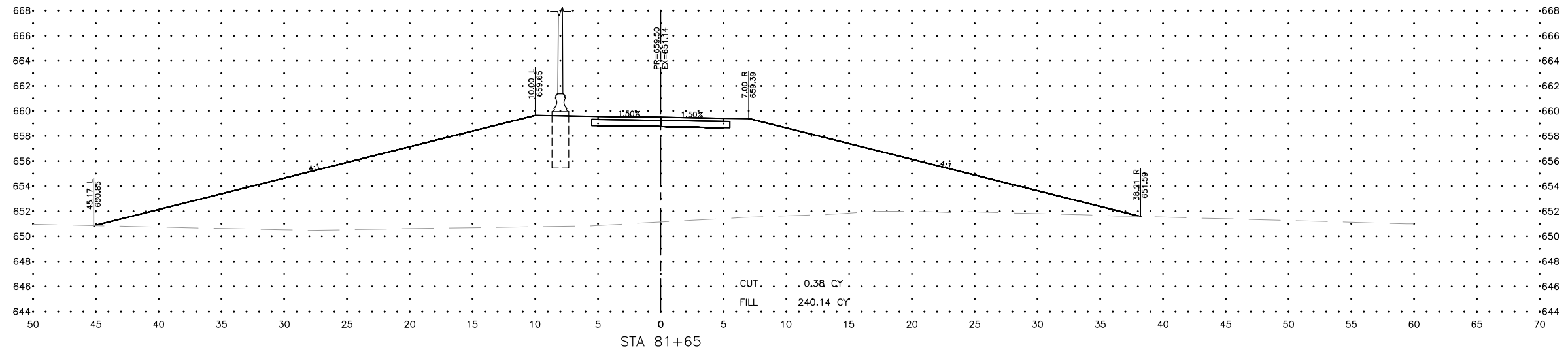
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17\17-0678\17-067A - Design.dwg, XS17 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C46.0



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121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

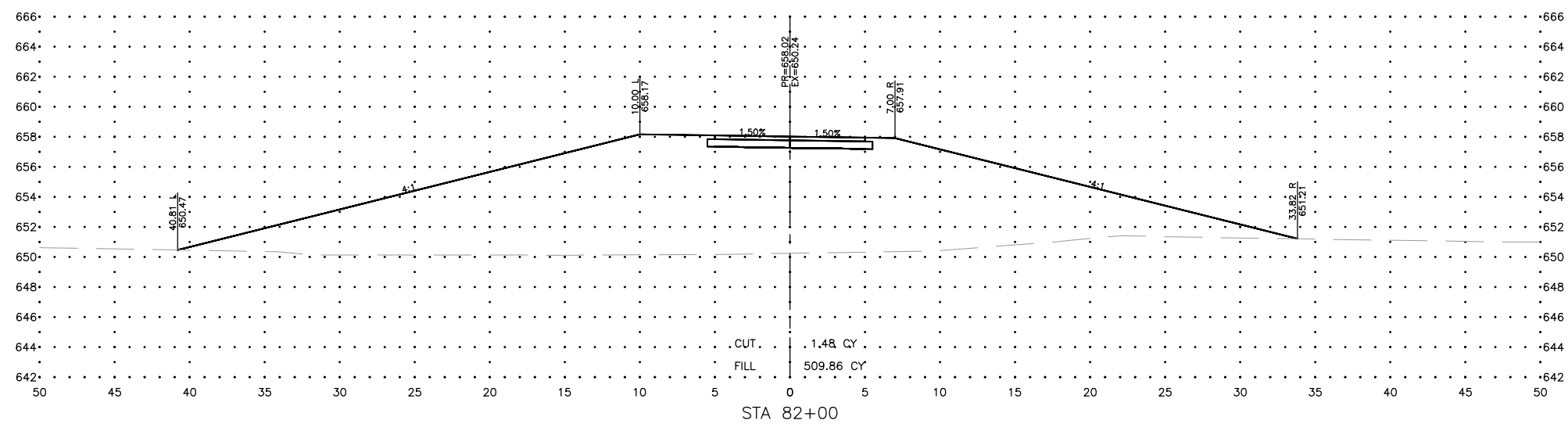
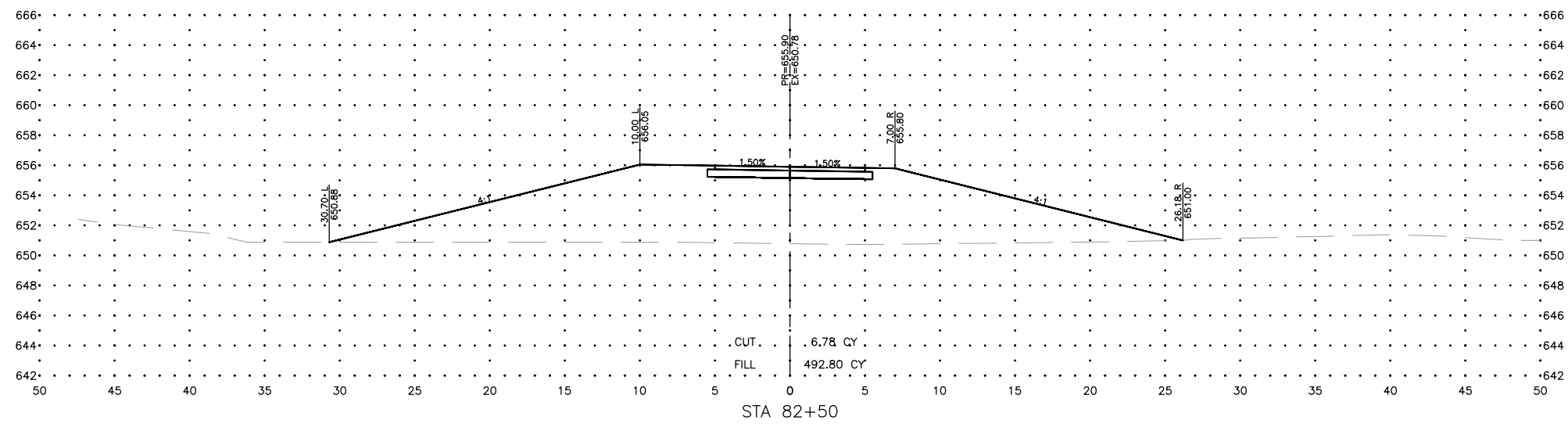
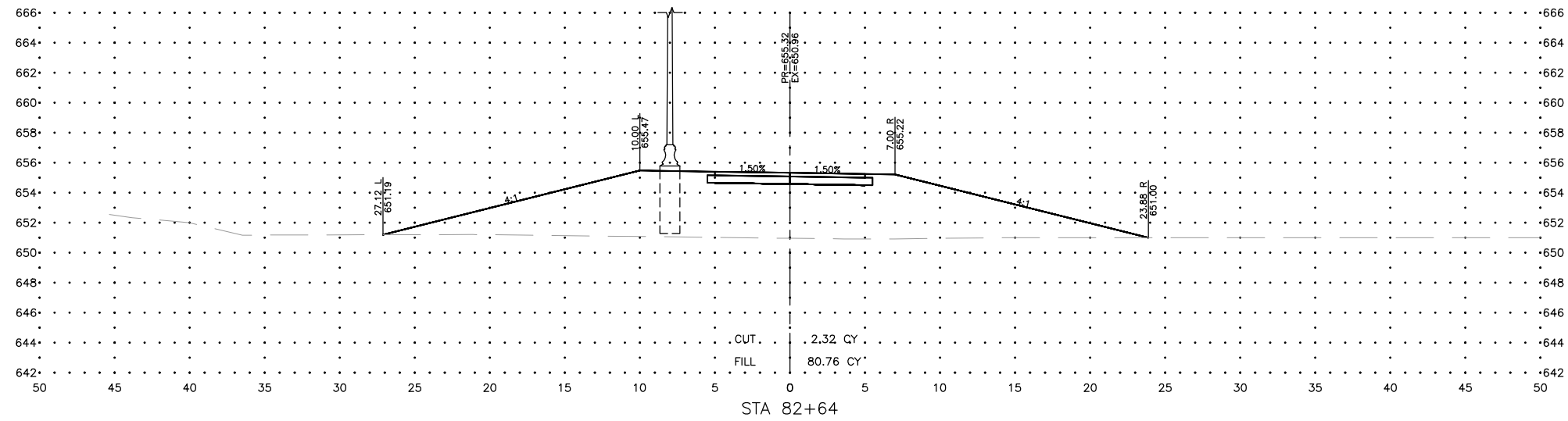
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
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EXTENSION

SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B

SHEET NUMBER:
C47.0



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ILLINOIS
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121 WEST 2ND STREET
DIXON, IL 61016

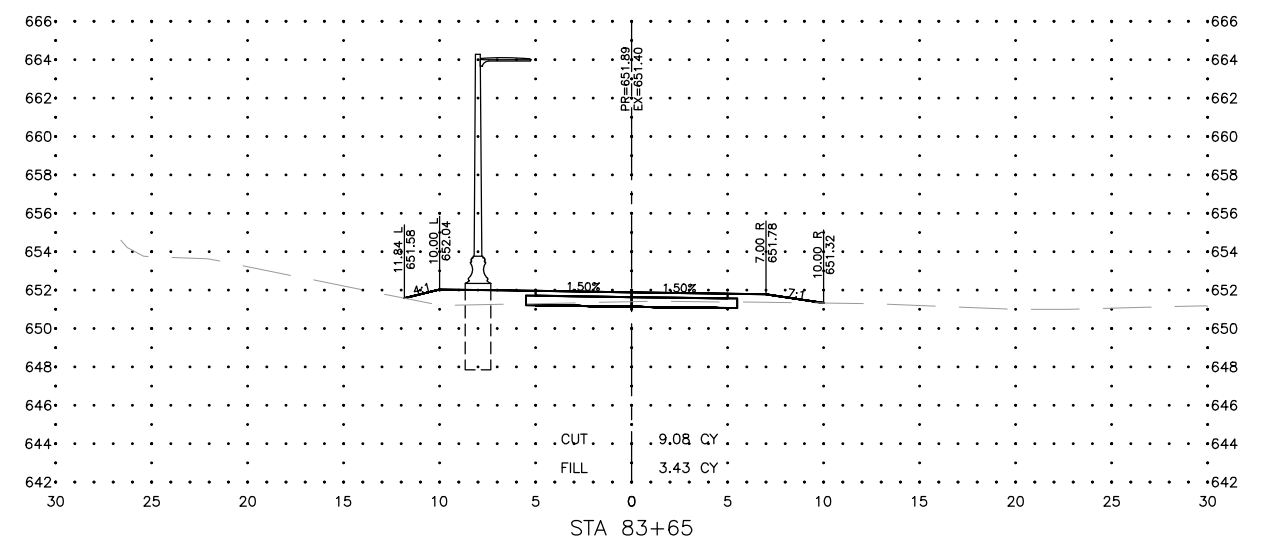
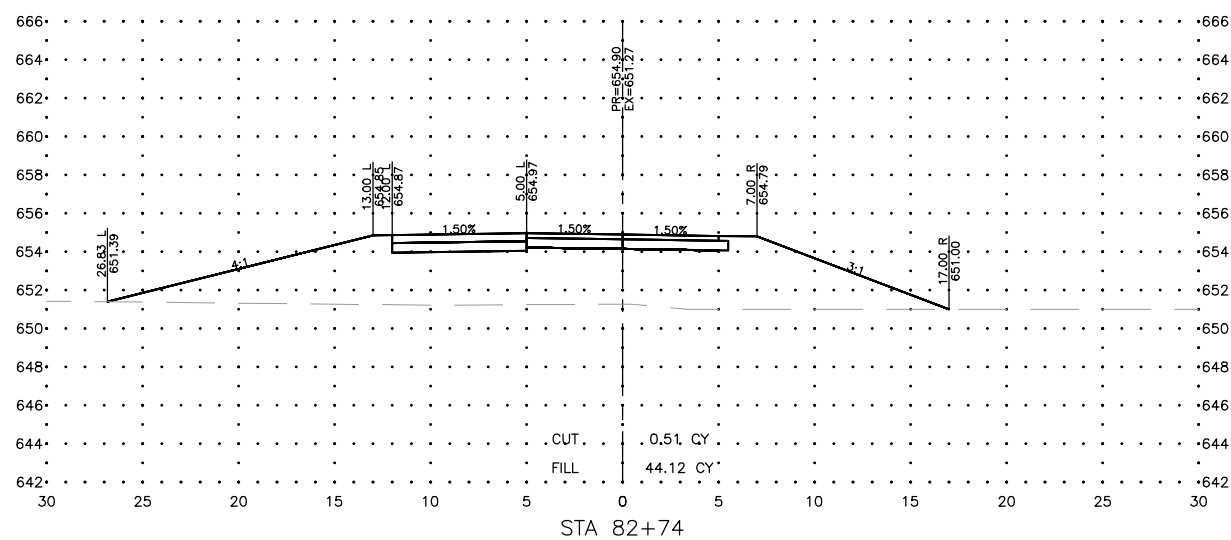
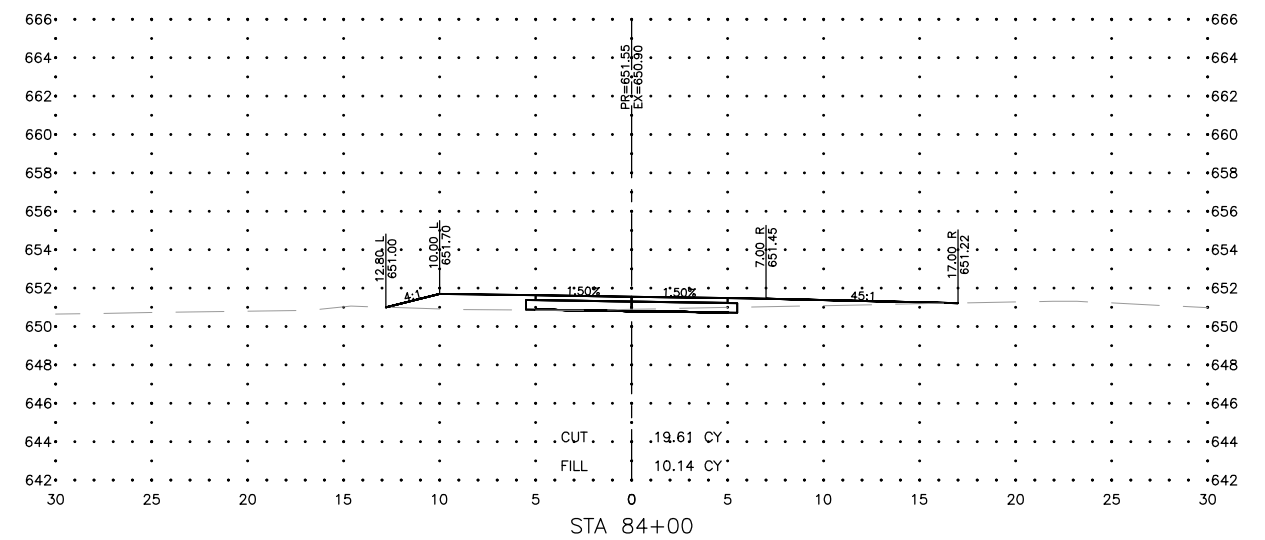
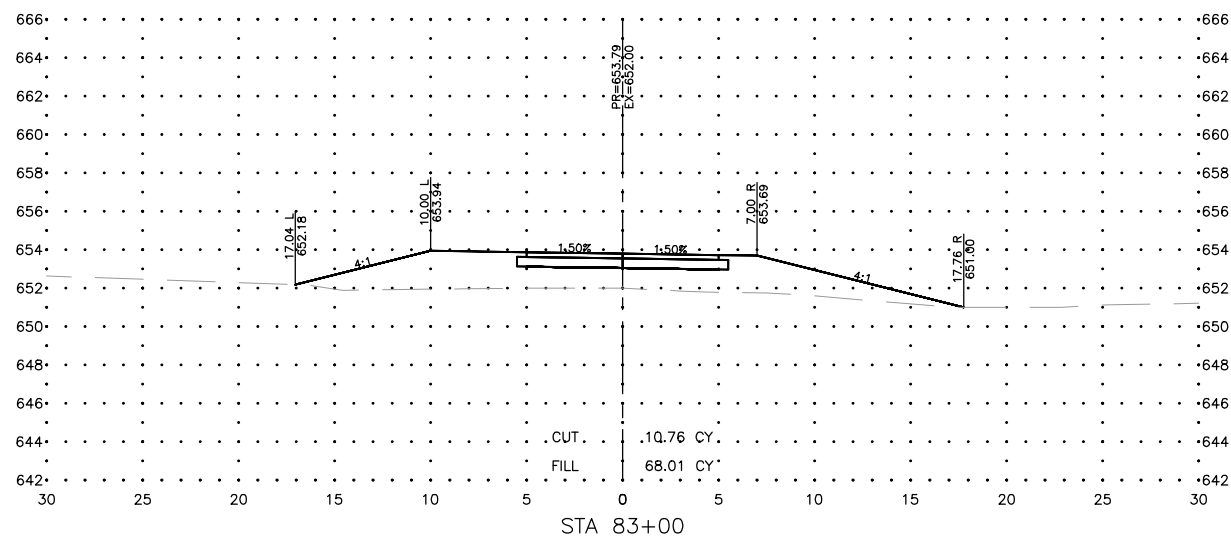
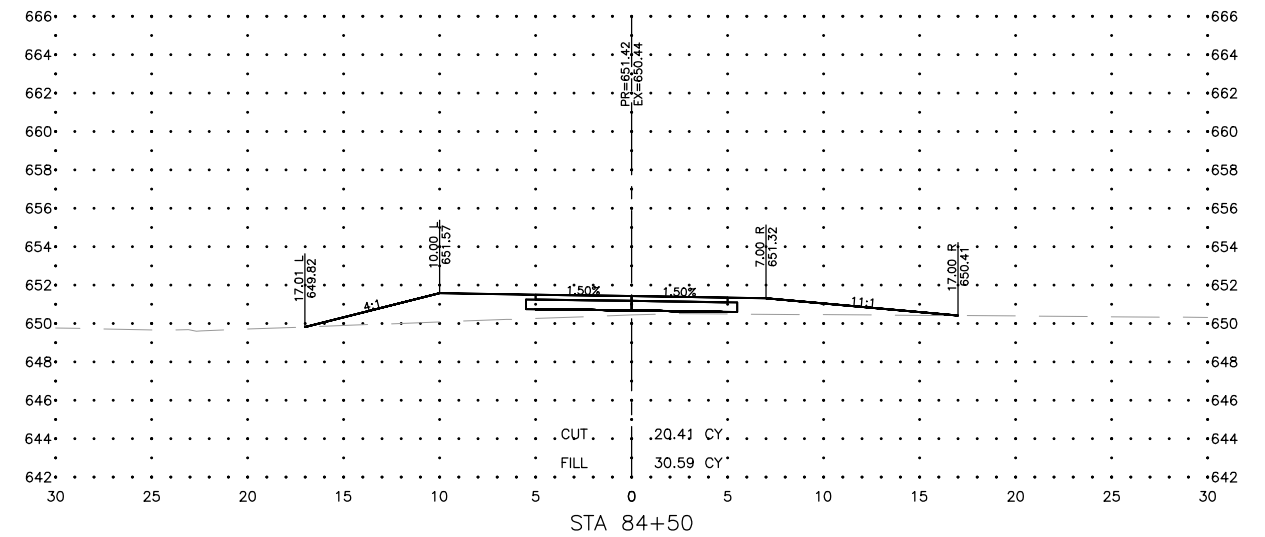
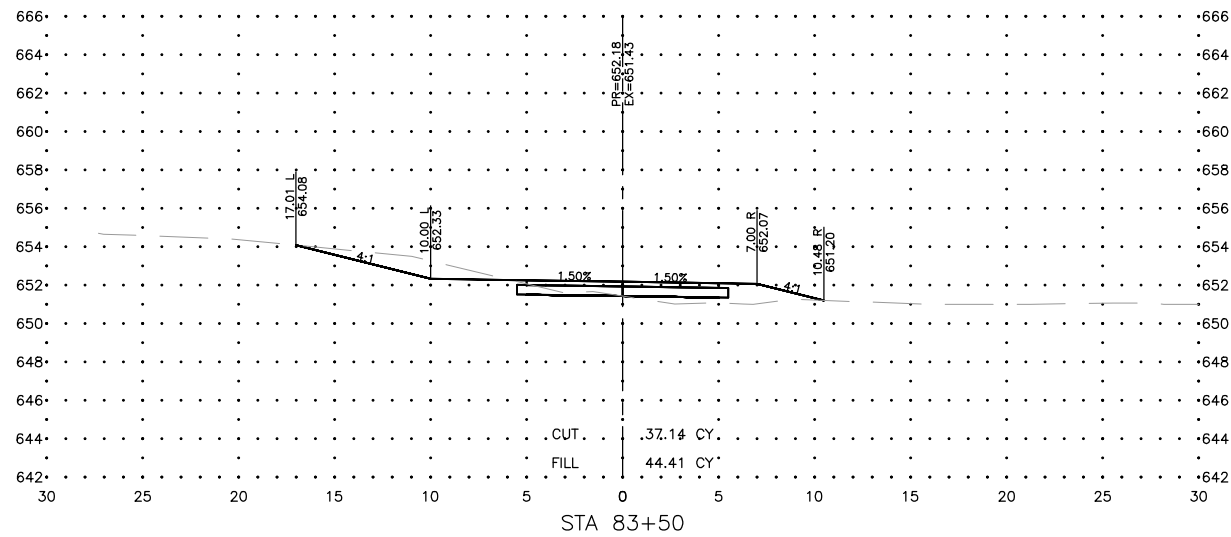
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17\17-0678\17-067A - Design.dwg, XS19 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C48.0



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ILLINOIS
IOWA
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121 WEST 2ND STREET
DIXON, IL 61016

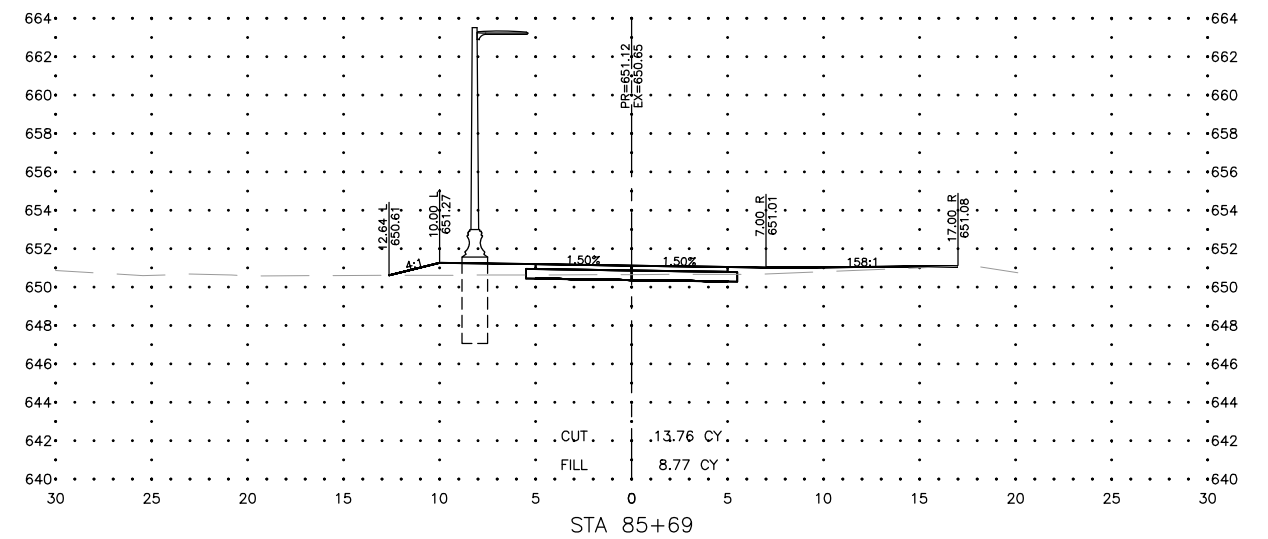
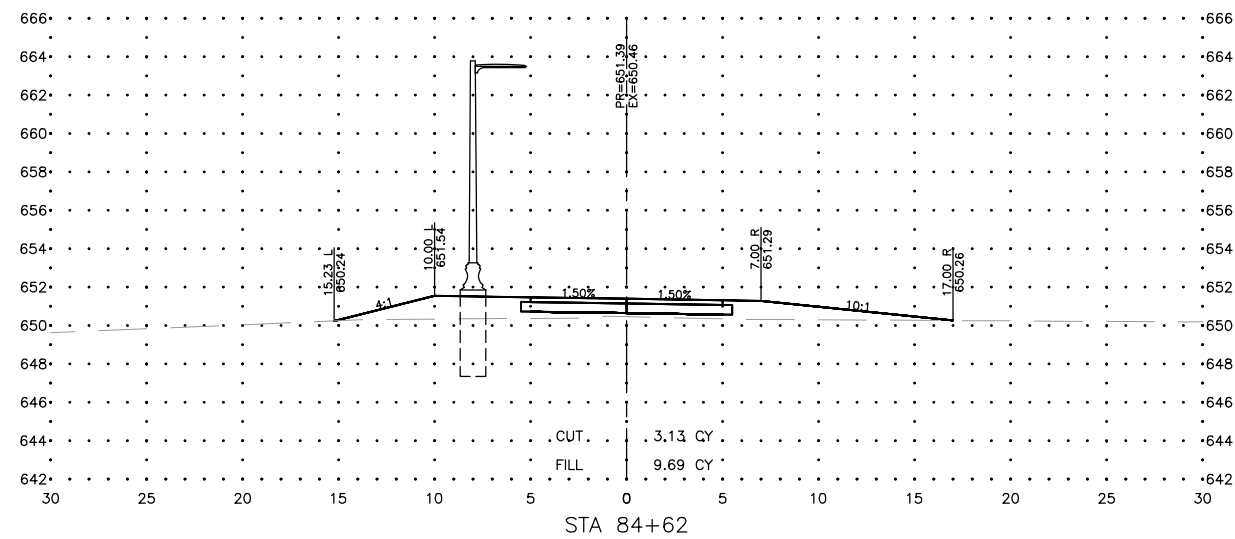
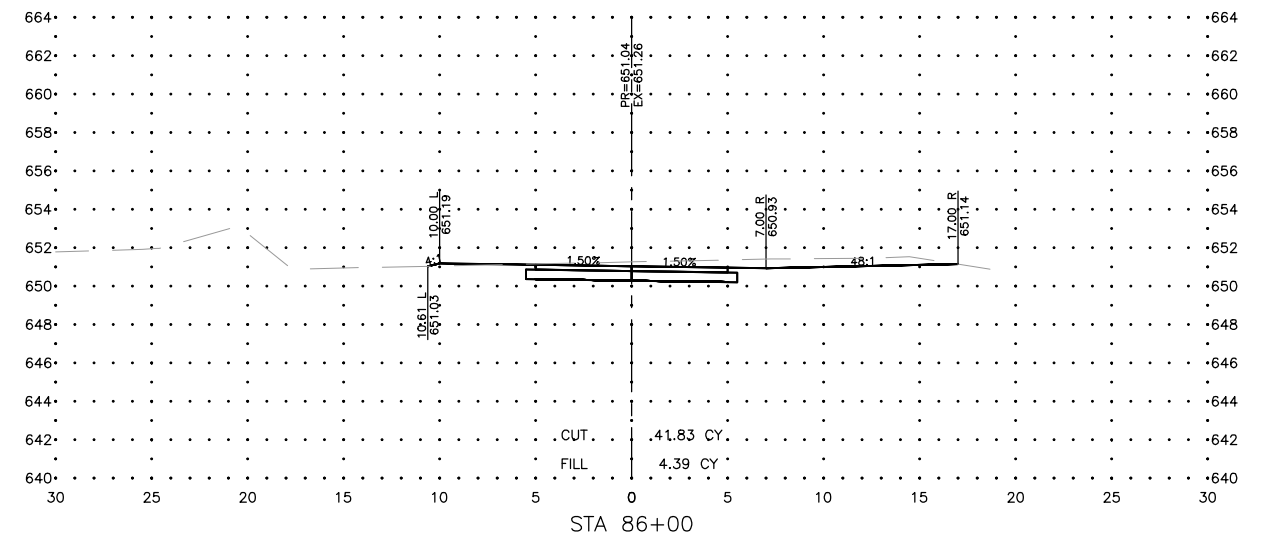
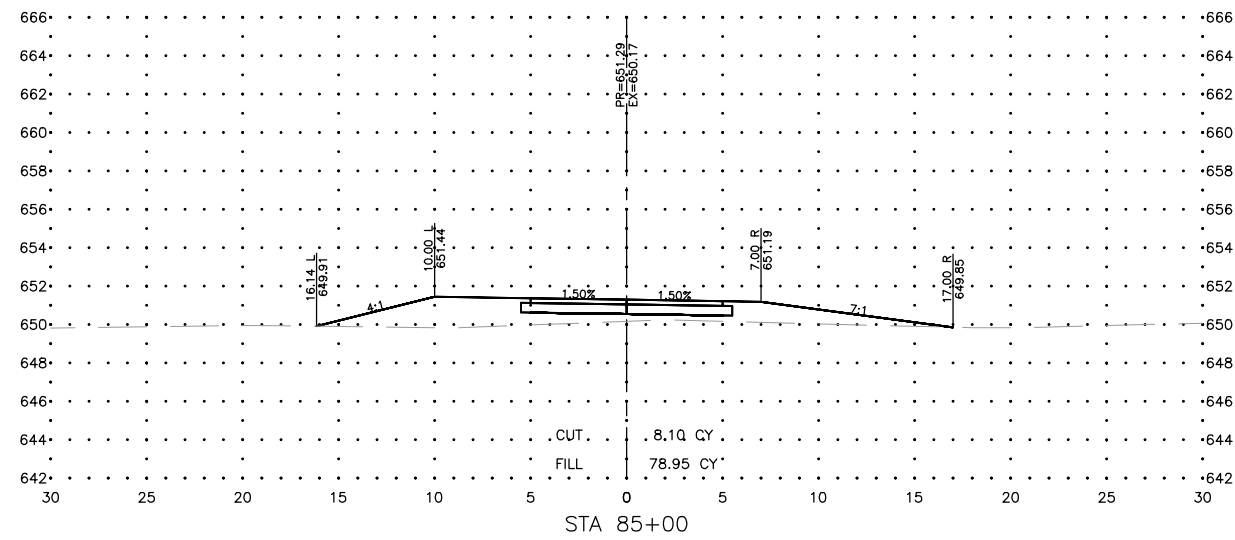
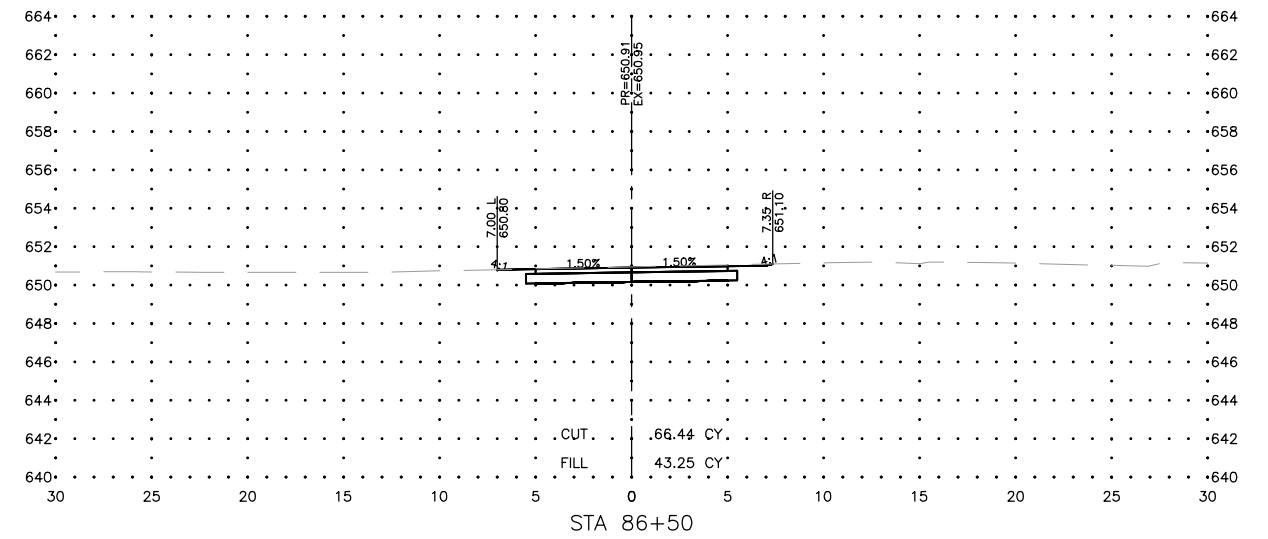
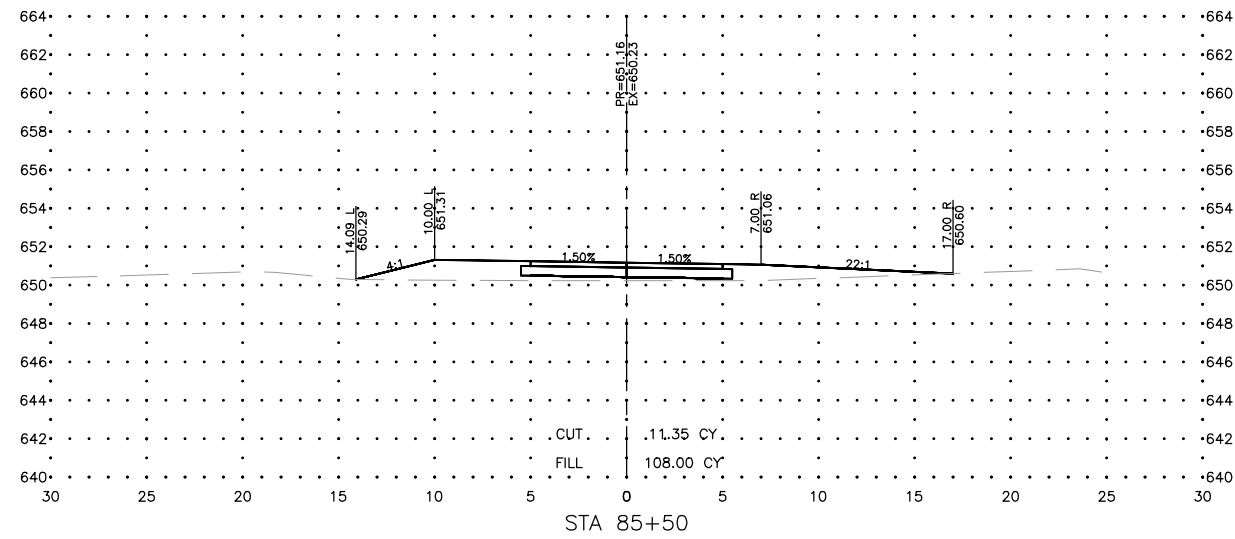
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17\17-0678\17-067A - Design.dwg, XS20 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C49.0



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ILLINOIS
IOWA
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OWNER/DEVELOPER:
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121 WEST 2ND STREET
DIXON, IL 61016

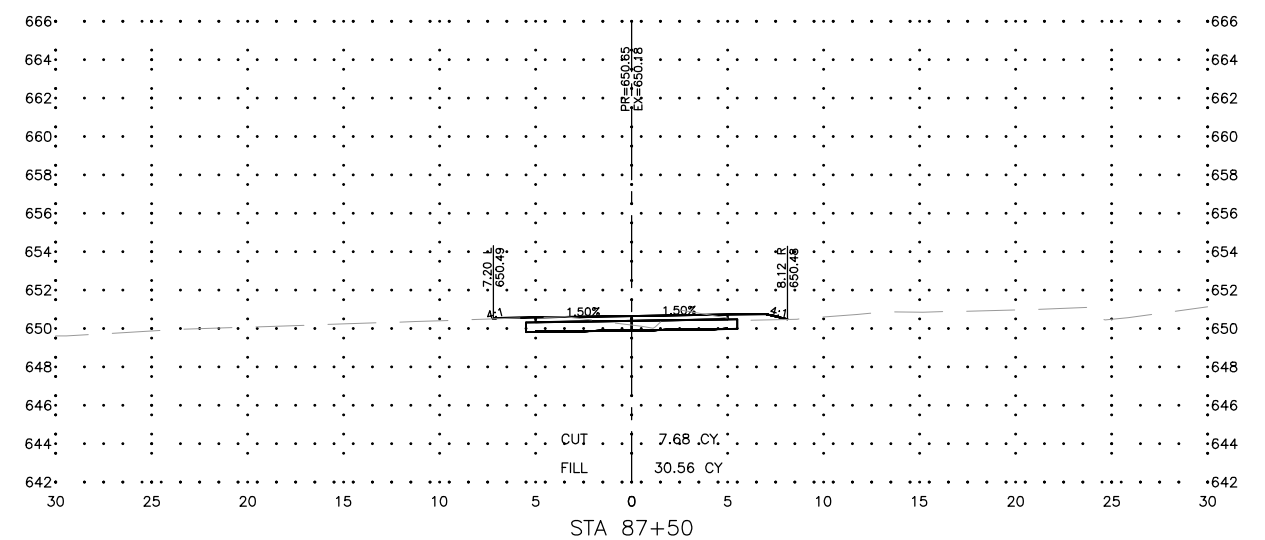
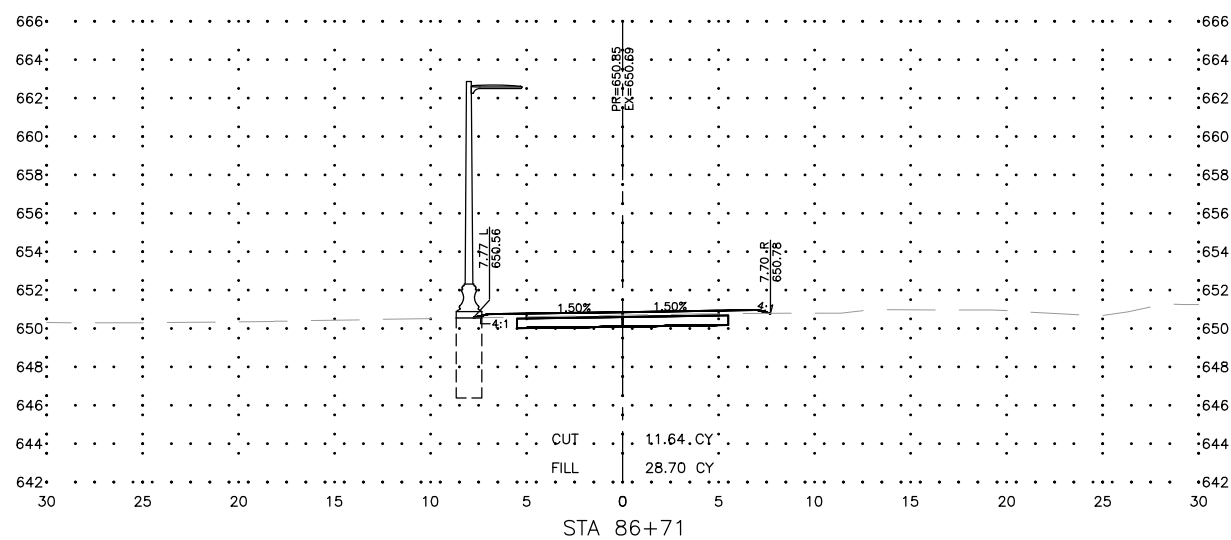
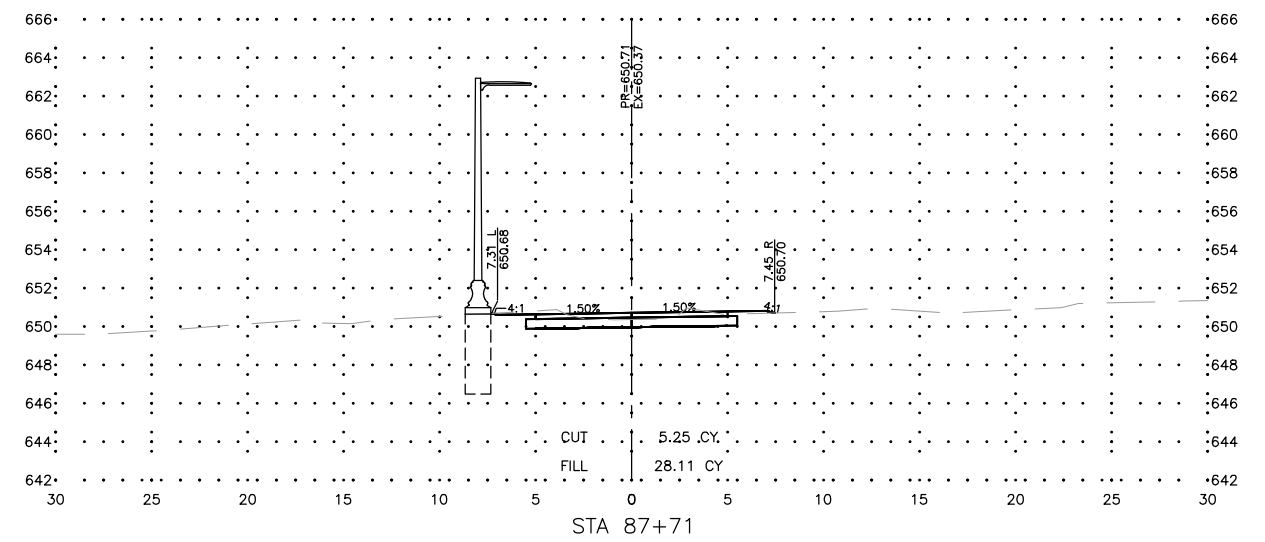
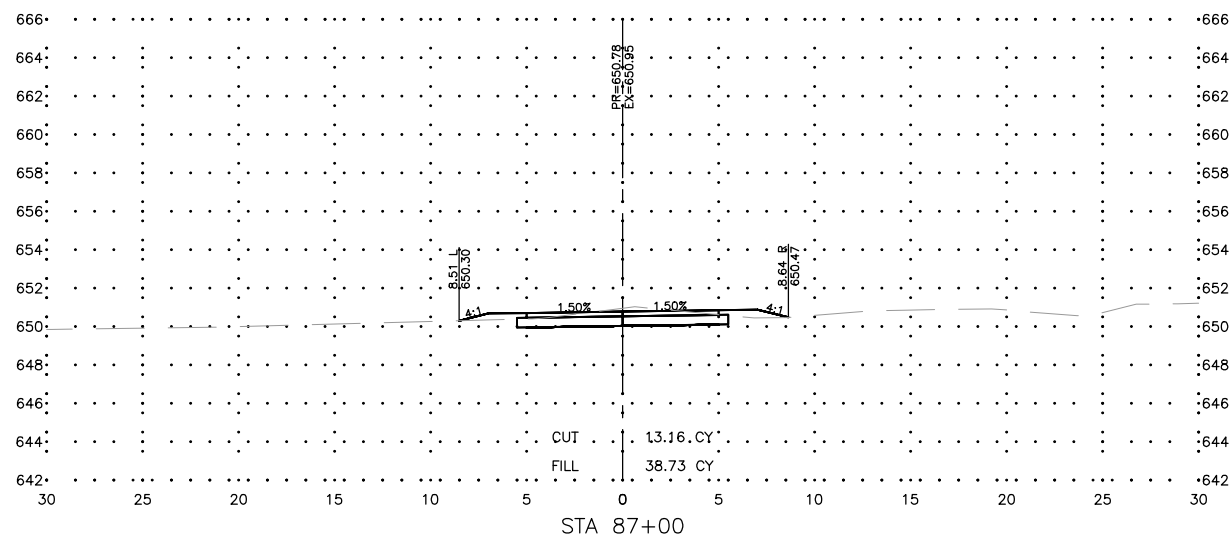
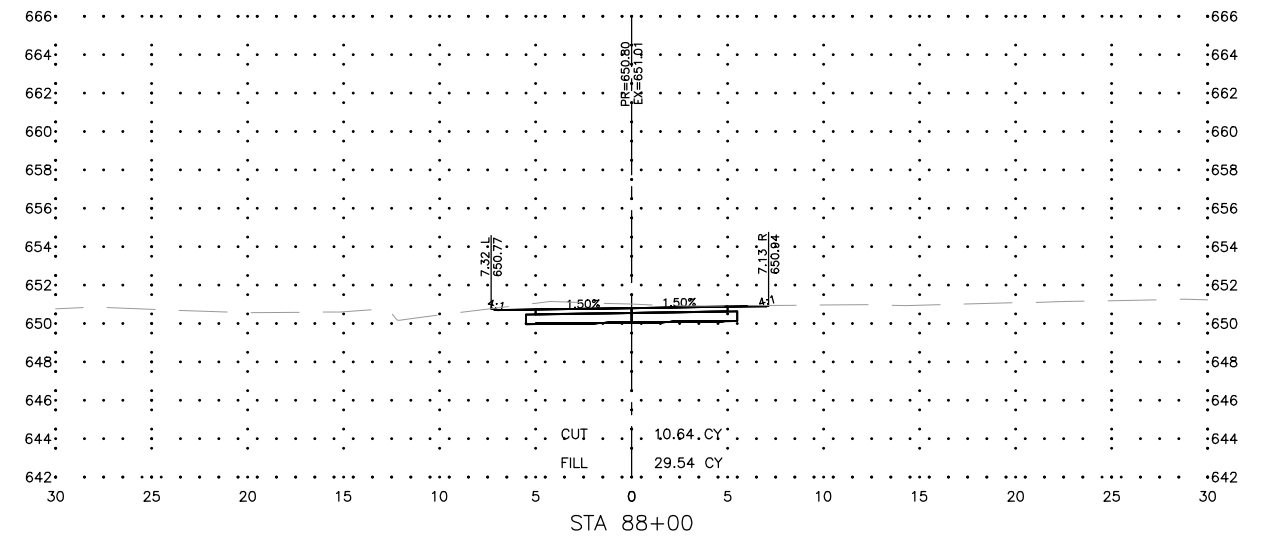
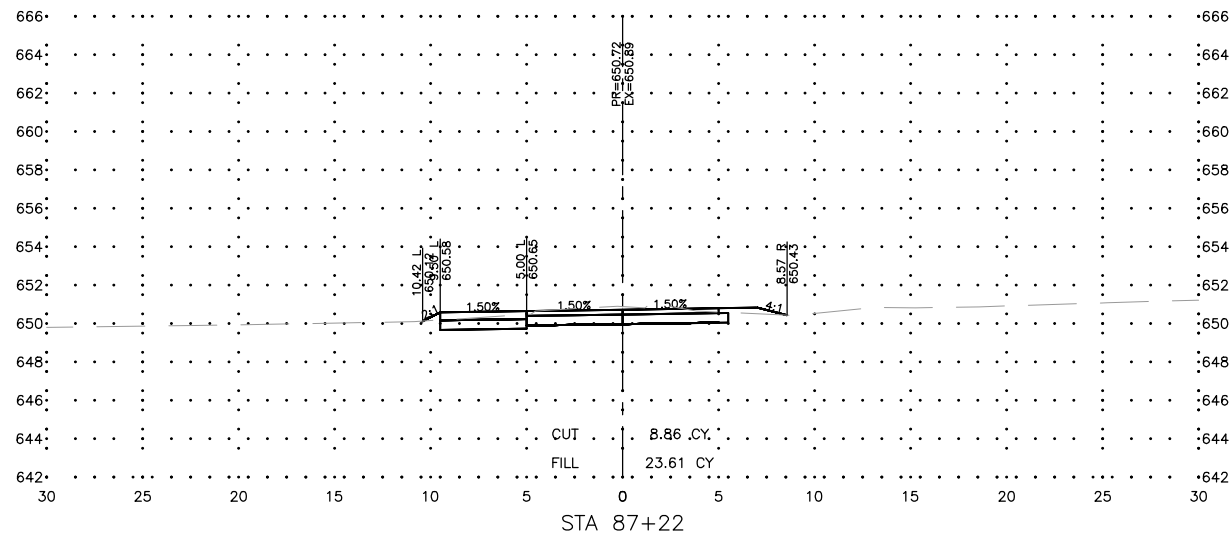
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
G:\C30\17\17-0678\17-067A - Design.dwg, XS21 (Rev)

JOB NUMBER:
17-067B
SHEET NUMBER:
C50.0



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DIXON, IL 61016

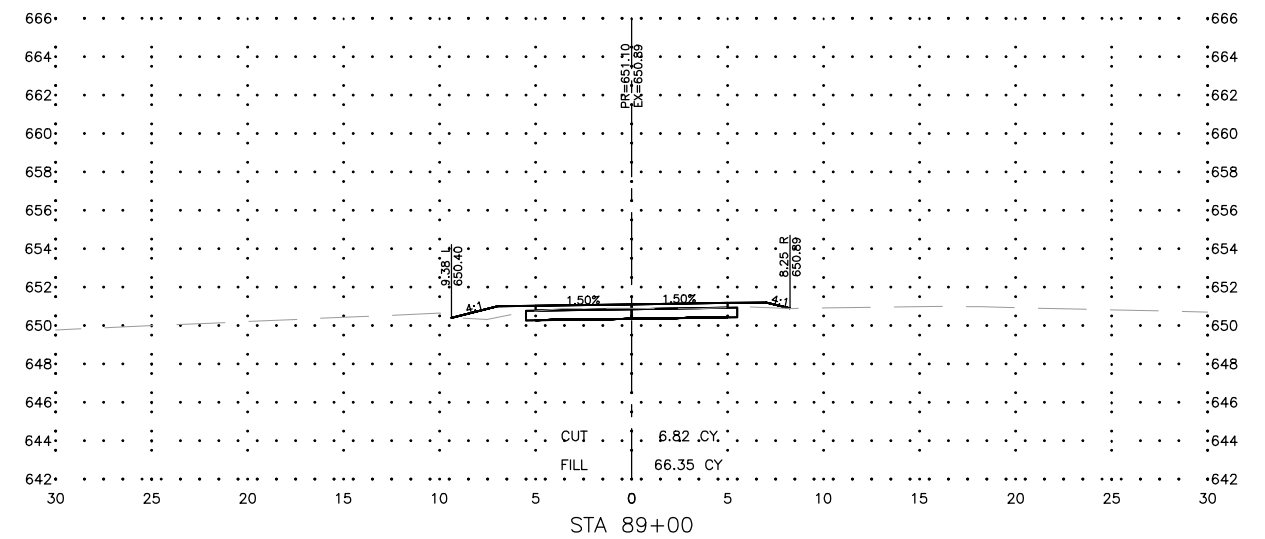
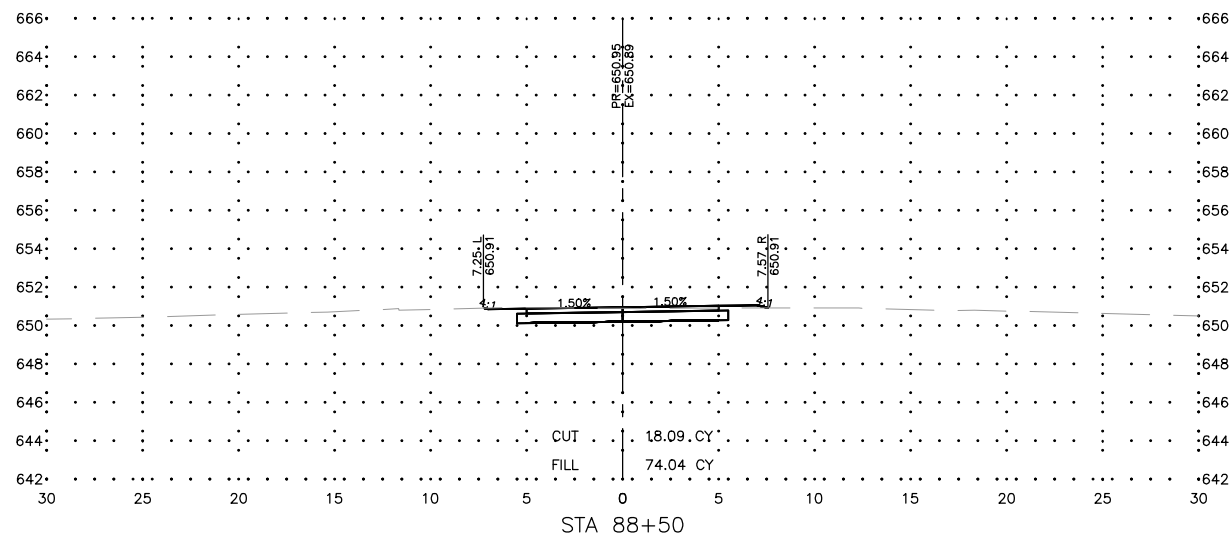
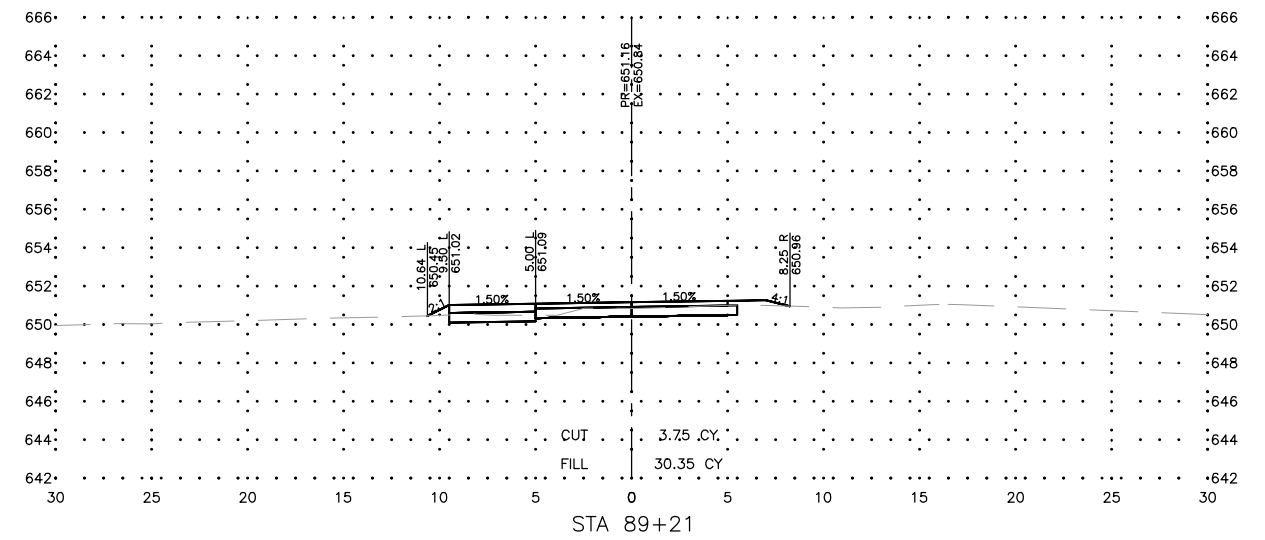
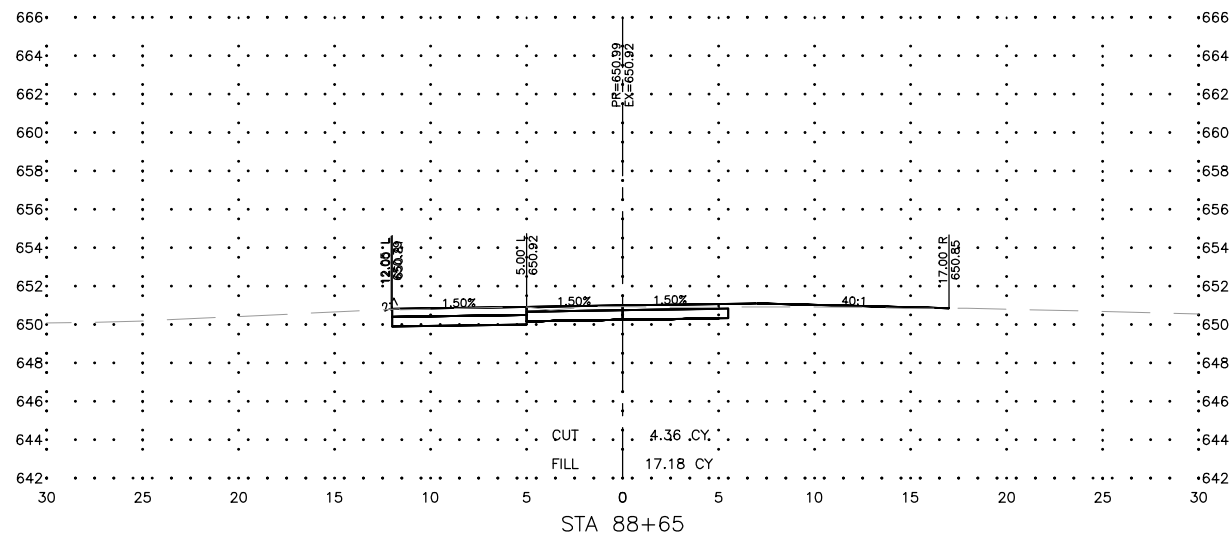
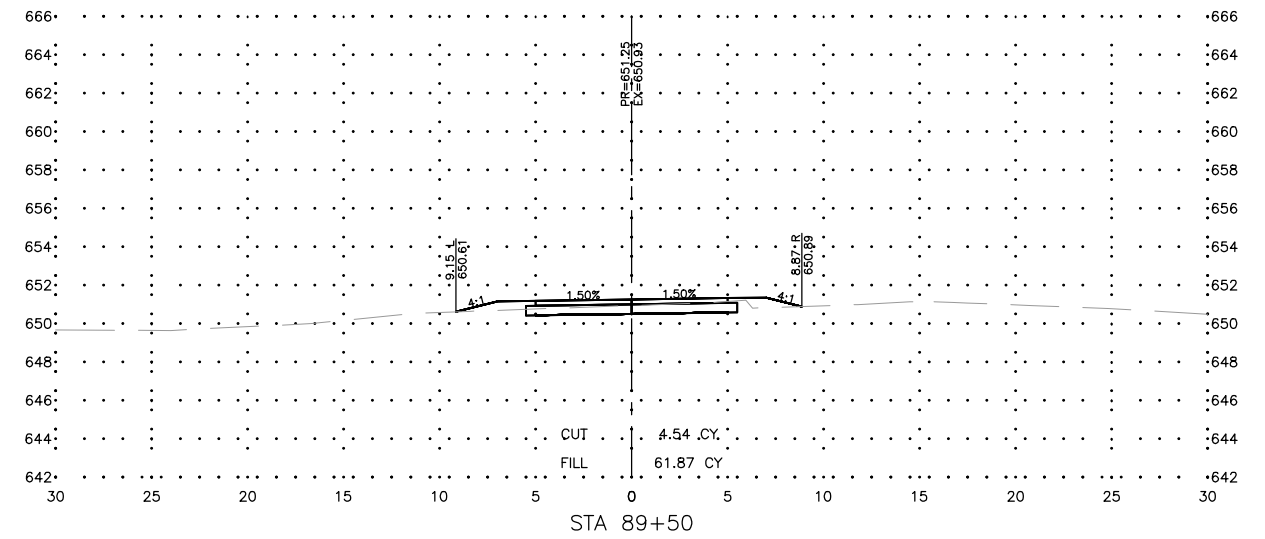
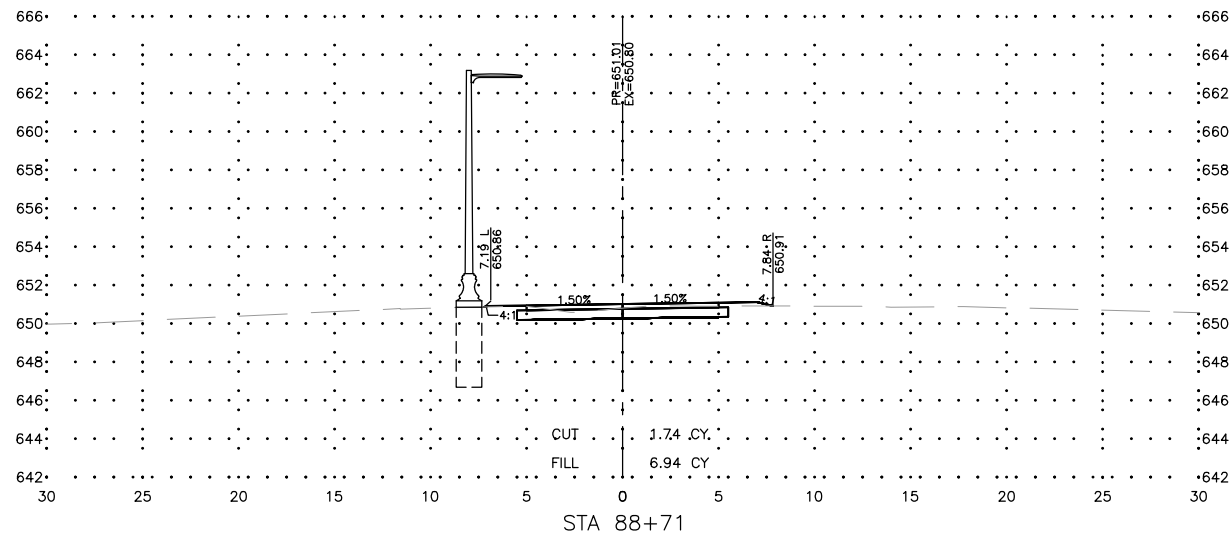
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION
SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B
SHEET NUMBER:
C51.0



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DIXON, IL 61016

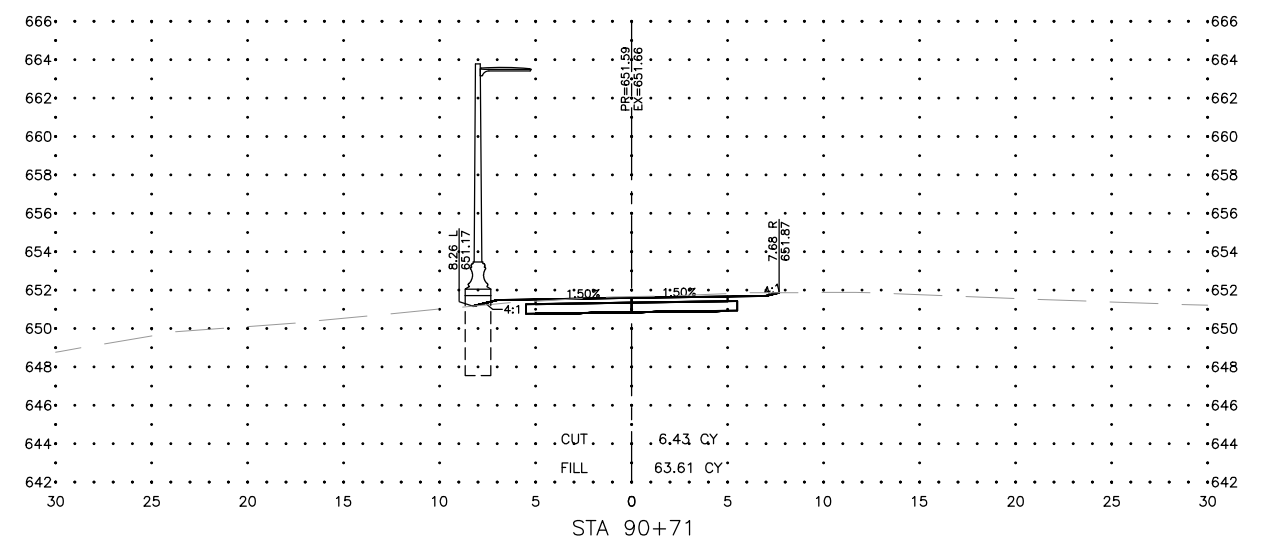
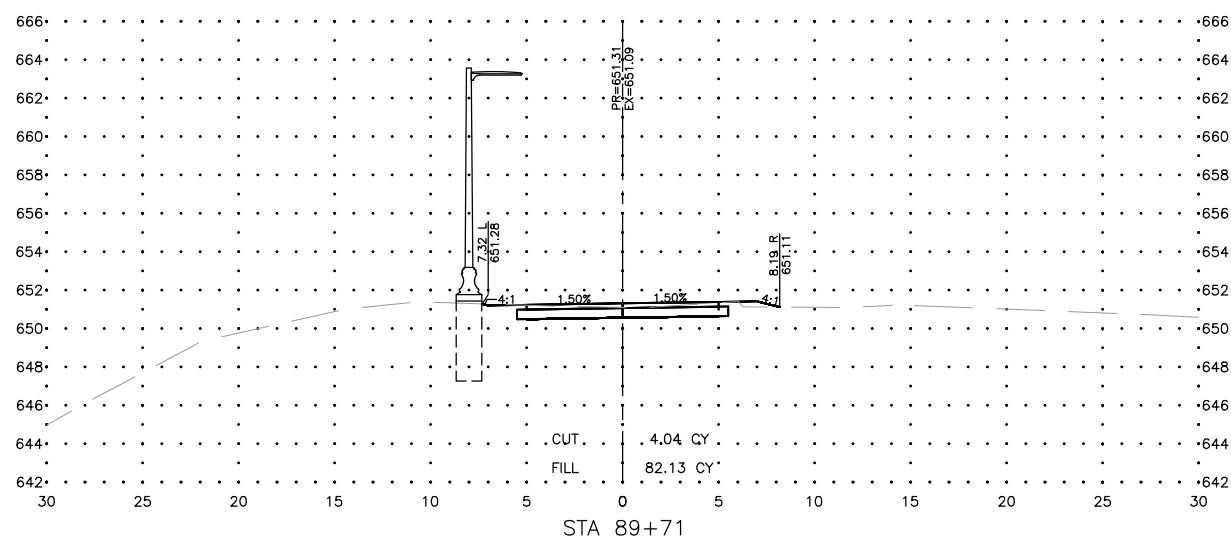
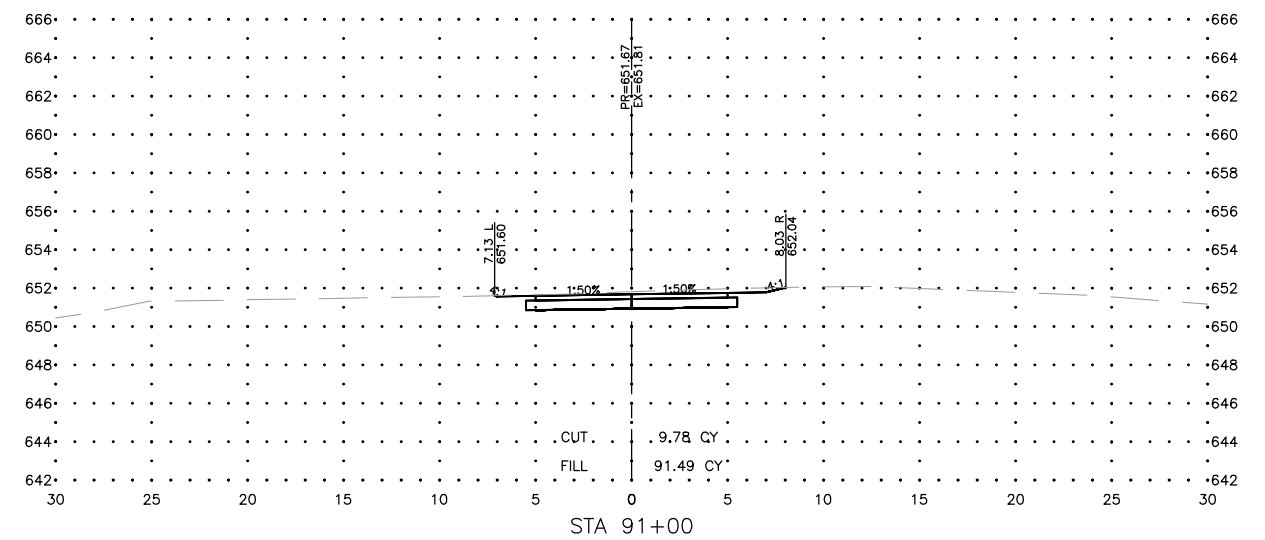
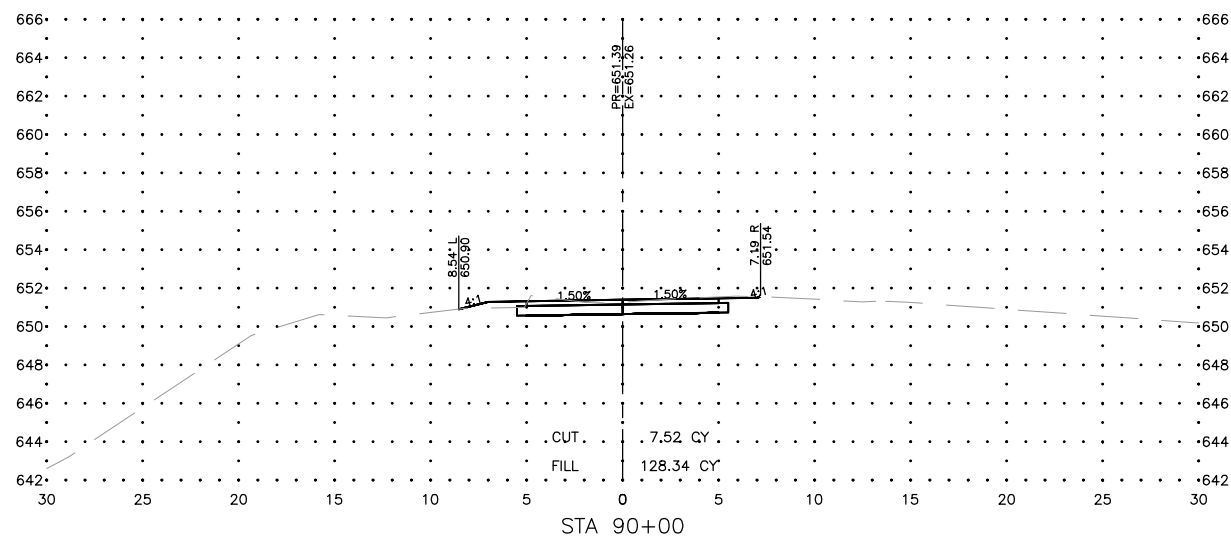
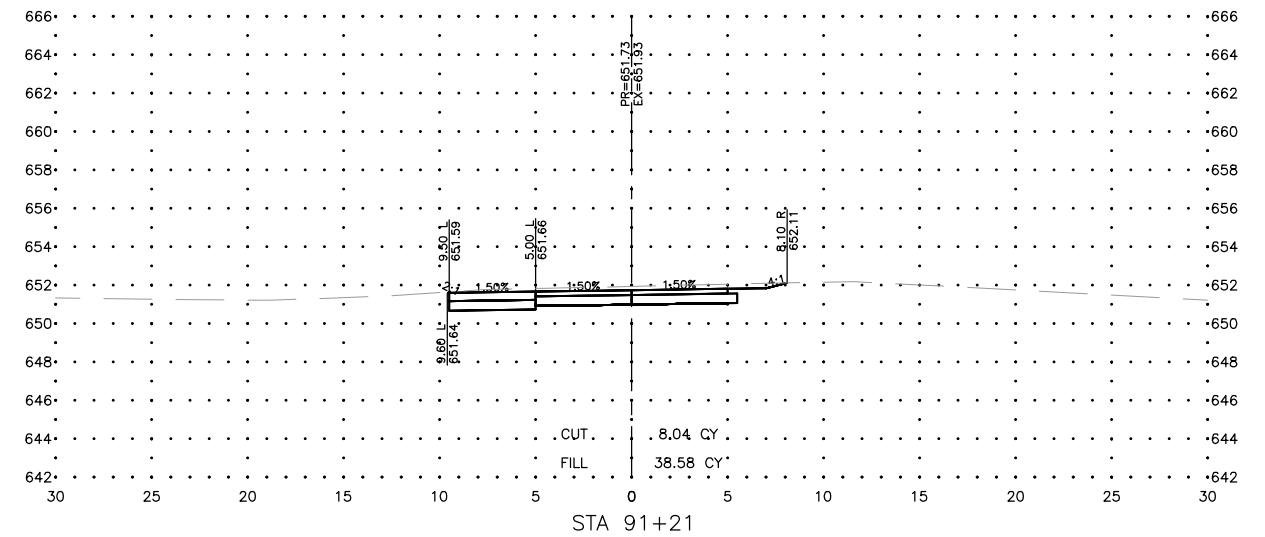
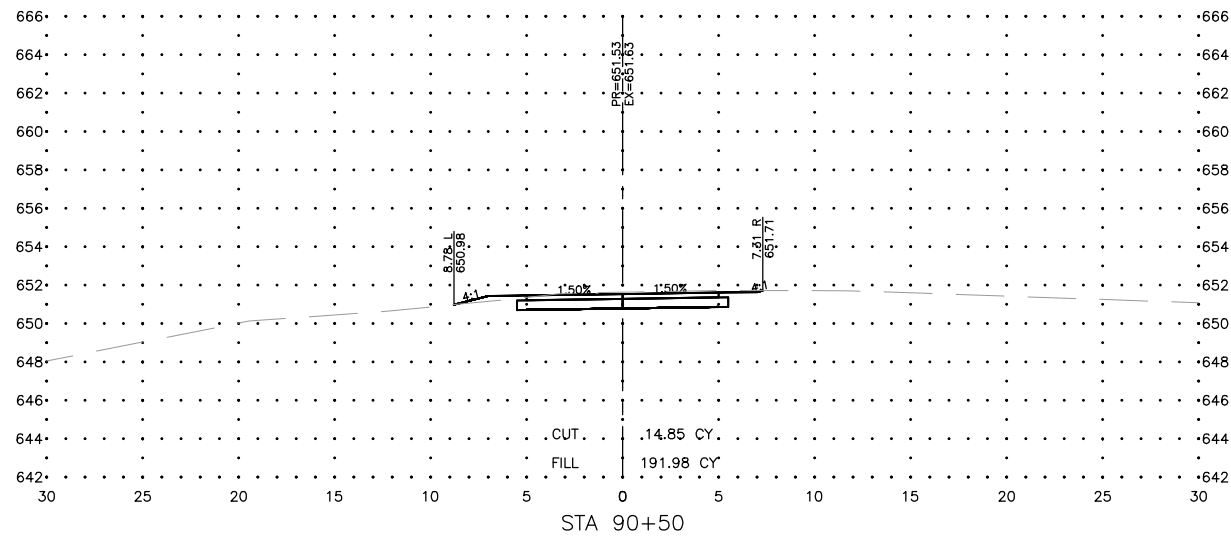
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

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JOB NUMBER:
17-067B
SHEET NUMBER:
C52.0



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121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

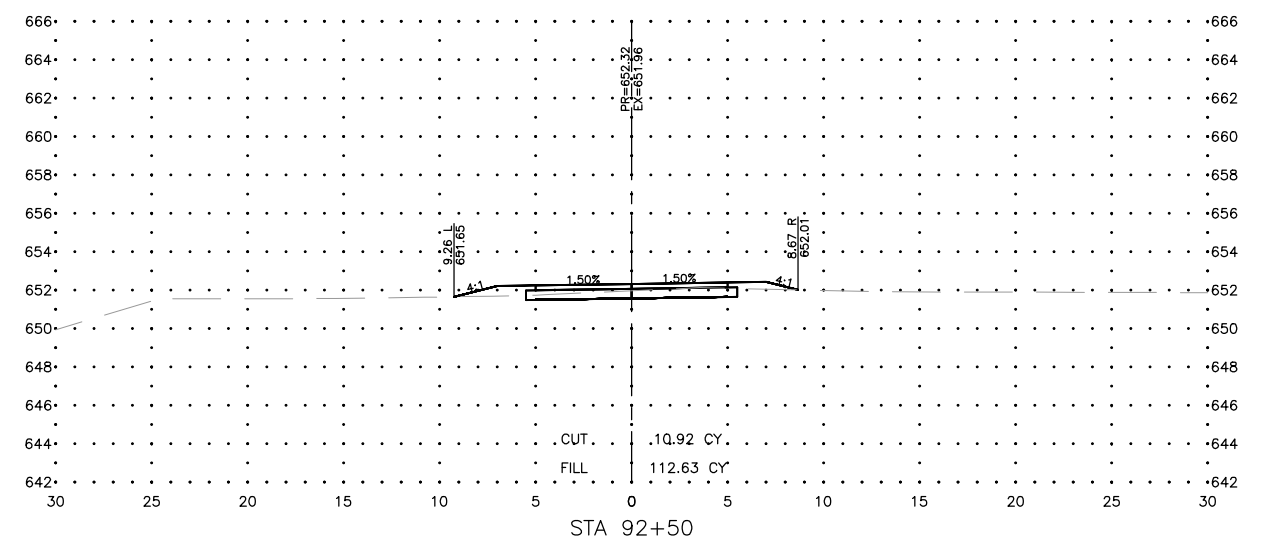
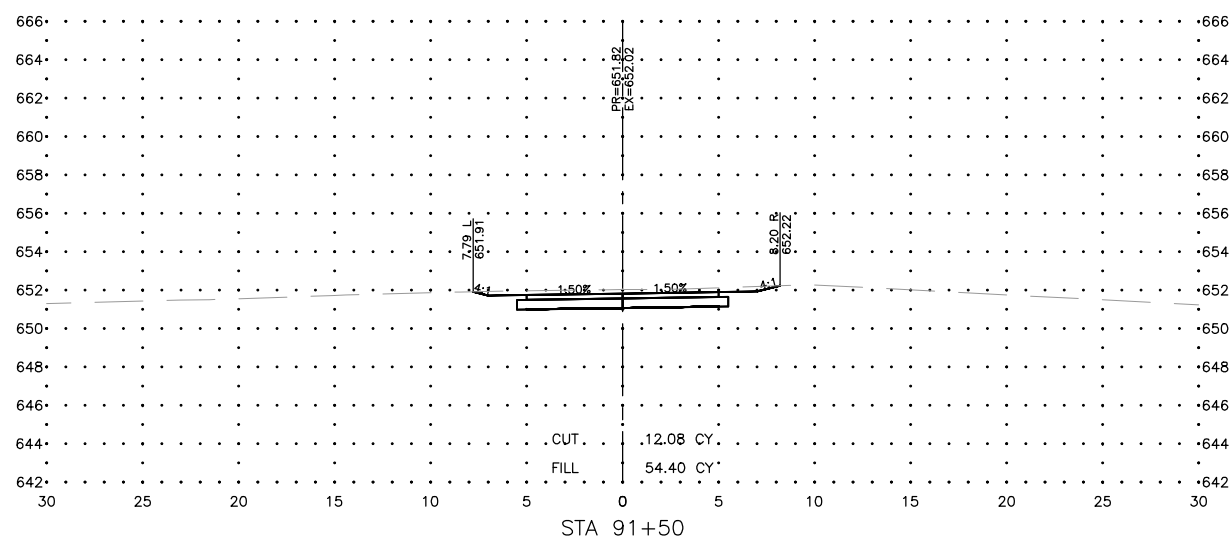
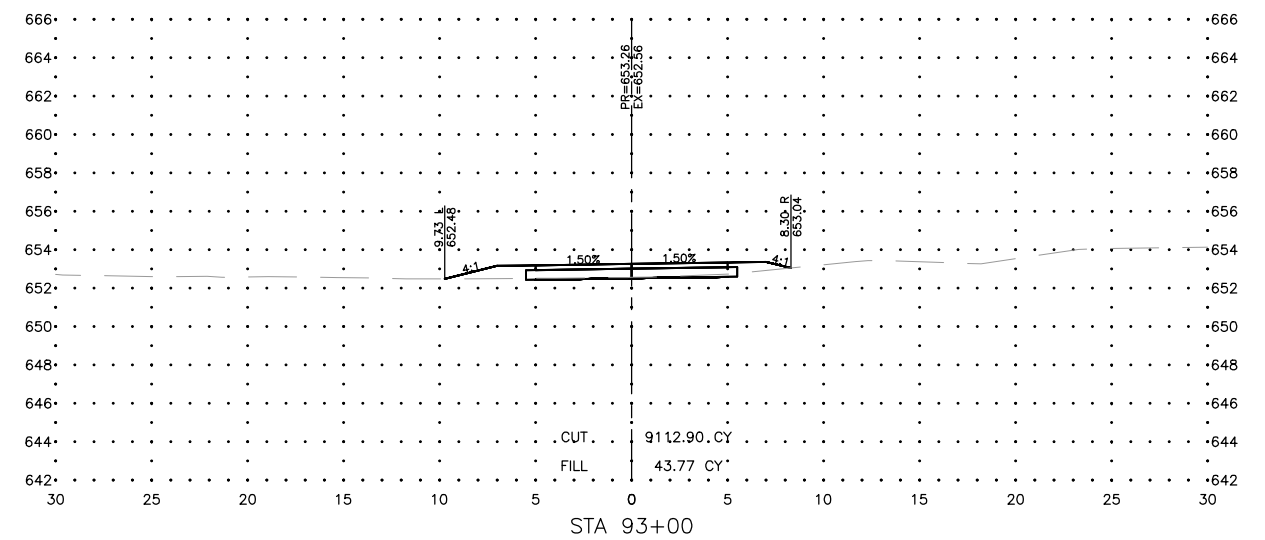
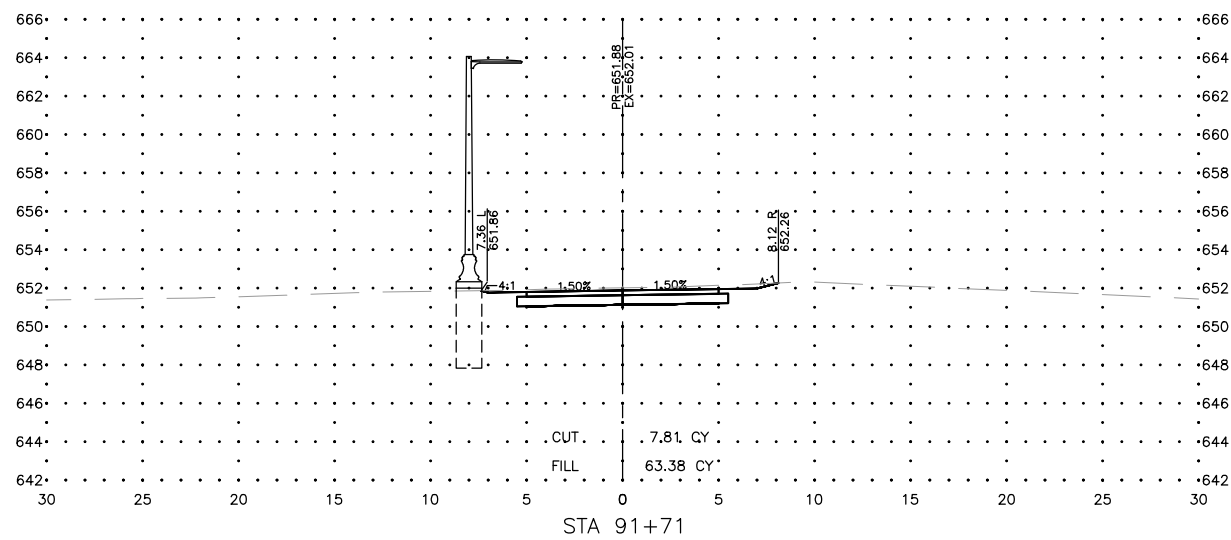
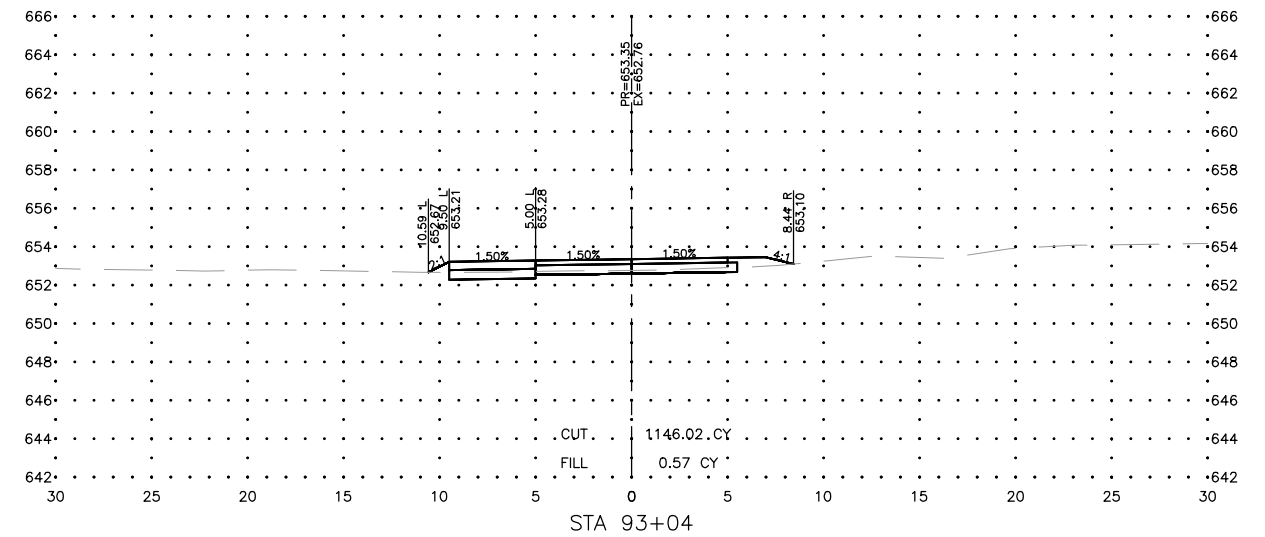
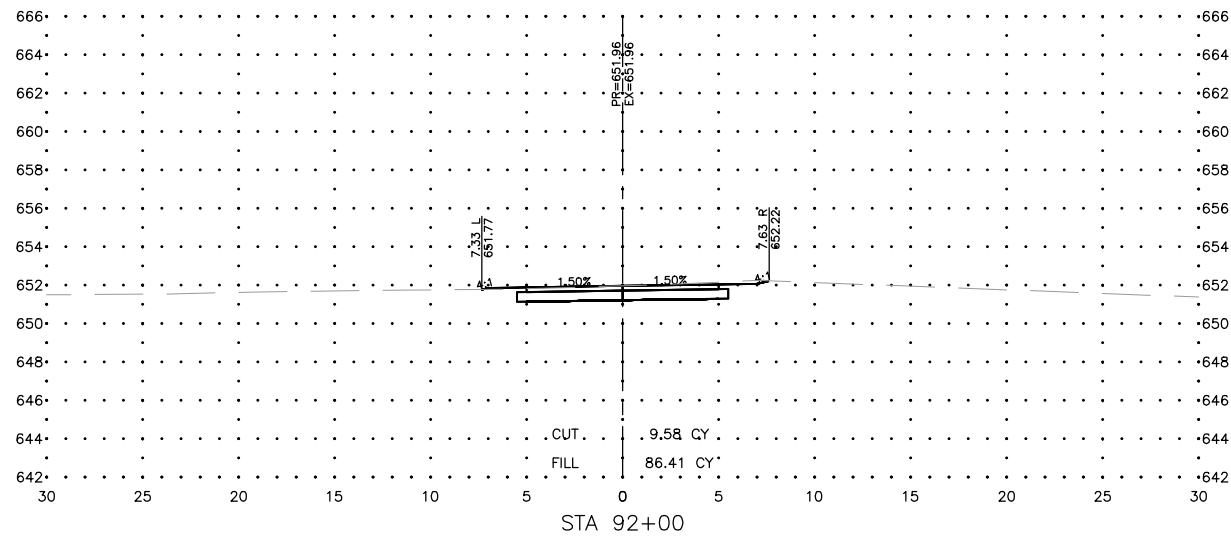
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION

SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B

SHEET NUMBER:
C53.0



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DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

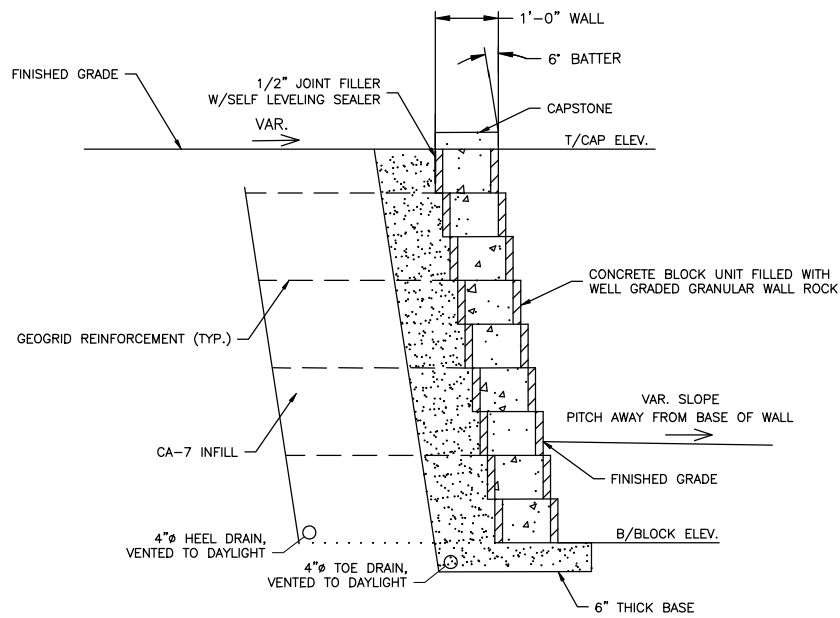
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
CROSS SECTIONS SEGMENT A - WEST SIDE
EXTENSION

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JOB NUMBER:
17-067B

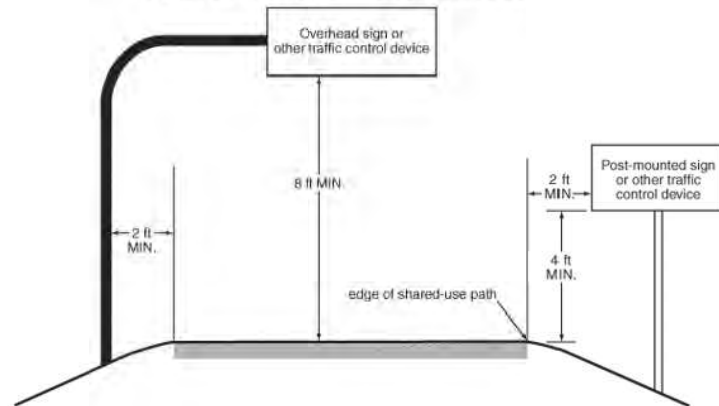
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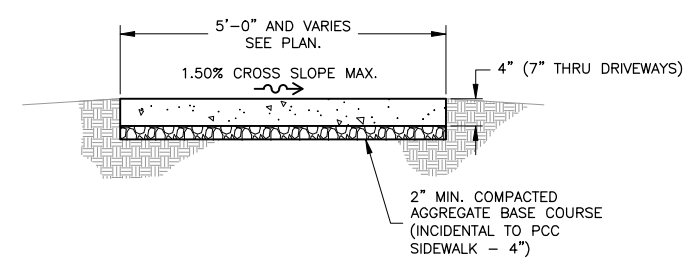
1. REINFORCED GEOGRID WALL IS DELEGATED DESIGN. CONTRACTOR SHALL PROVIDE DELEGATED DESIGN SUBMITTAL WITH DRAWINGS AND CALCULATIONS STAMPED BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER.
2. LIVE LOAD SURCHARGE: 100 PSF
3. 2'-0" MINIMUM EMBEDMENT OF BLOCK.
4. FOR LOCATIONS IDENTIFIED IN PLAN SHEETS, DESIGN SHALL TAKE INTO ACCOUNT RAILING BEING INSTALLED ADJACENT TO WALL. WALL SHALL BE DESIGNED TO ACCOUNT FOR LATERAL LOAD GREATER OF 50 PLF OR 200 LB APPLIED AT TOP OF RAILING.

SEGMENTAL CONCRETE BLOCK RETAINING WALL
N.T.S.

Figure 9B-1. Sign Placement on Shared-Use Paths

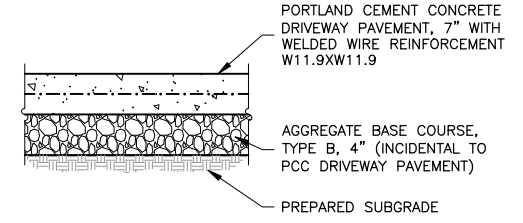


SIGN PLACEMENT FOR SHARED PATH DETAIL
N.T.S.



NOTE: INSTALL 1/2" WIDE BITUMINOUS ISOLATION JOINT WHERE SIDEWALK ABUTS A CURB, CONCRETE DRIVEWAY, STRUCTURE OR AT AN ADJACENT CURB JOINT (EXTEND FULL DEPTH OF WALK).

SIDEWALK CROSS SECTION DETAIL
N.T.S.



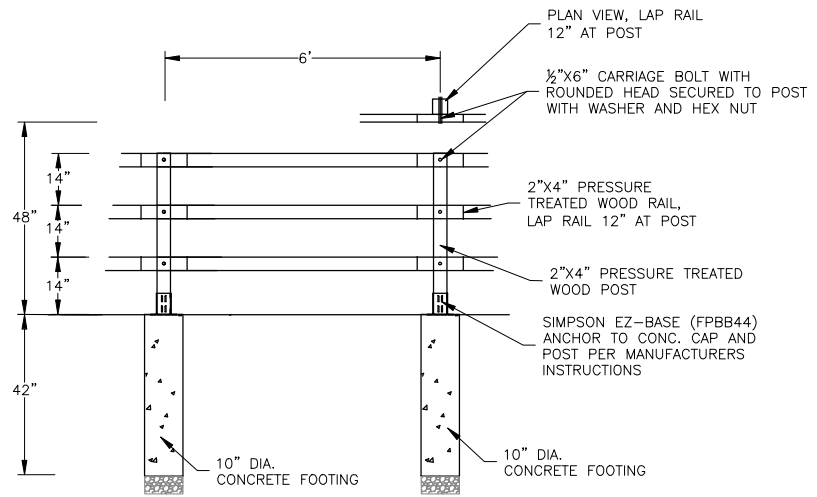
NOTE: DRIVEWAY PAVEMENT TO BE DOWELED TO ANY EXISTING ADJACENT PAVEMENT, INCIDENTAL TO PCC DRIVEWAY.

CONTROL JOINTS AS DIRECTED BY THE ENGINEER TO MATCH EXISTING.

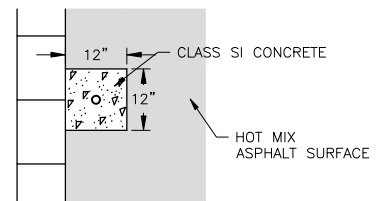
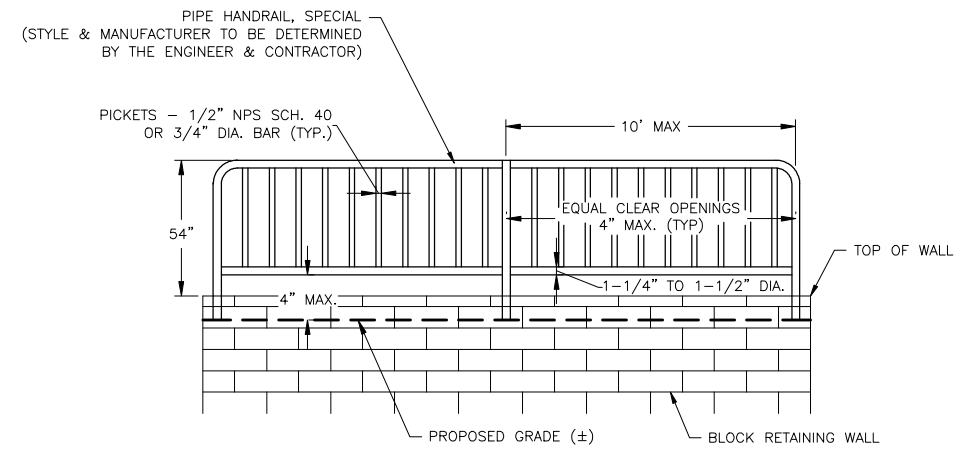
NO SECTIONS SHALL BE JOINTED LARGER THAN 10' x 10'.

1/2" x 18" REBAR AND 3/4" PREFORMED FILLER WILL BE REQUIRED AT DRIVEWAY TIE IN, EXISTING PATCHING, OR AS DIRECTED BY THE ENGINEER.

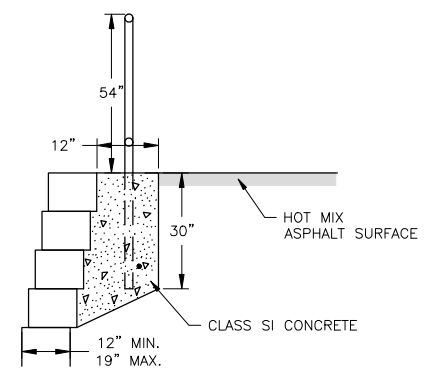
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT DETAIL
N.T.S.



WOOD POST AND RAIL FENCE DETAIL
N.T.S.



PLAN VIEW
N.T.S.



SECTION VIEW
N.T.S.

NOTES

GRIPPING SURFACES SHALL BE UNINTERRUPTED BY CONSTRUCTION ELEMENTS, OR OBSTRUCTIONS.

ENDS OF HANDRAIL SHALL BE ROUNDED.

HANDRAIL SHALL NOT ROTATE WITHIN THEIR FITTINGS.

HANDRAIL SHALL CONFORM TO SECTION 509 WITH THE EXCEPTION THAT ALL PIPE AND CONNECTIONS SHALL BE WELDED GALVANIZED OR ALUMINUM ACCORDING TO ARTICLE 1006.30, OR 1006.34.

THE DIAMETER OF THE GRIPPING SURFACE OF THE HANDRAIL SHALL BE 1-1/4" TO 1-1/2"

PIPE HANDRAIL
N.T.S.

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121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
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REVISIONS		
REV. NO.	DESCRIPTION	DATE

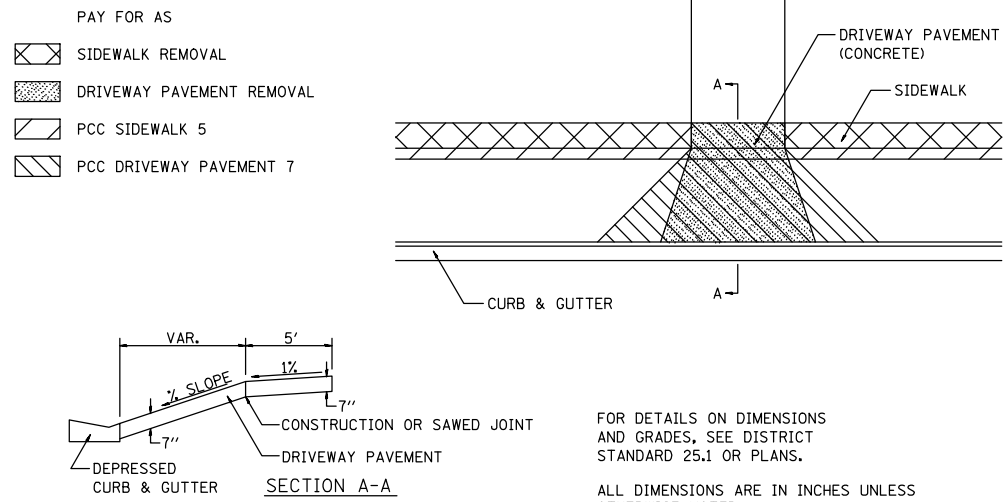
DRAWING:
DETAILS

SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B

SHEET NUMBER:
C55.0

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS



REVISOR	DATE	DESCRIPTION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISOR	6-27-14						
REVISOR	10-03-11						
REVISOR							
REVISOR							

SCALE: 1.0000' = 1" SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

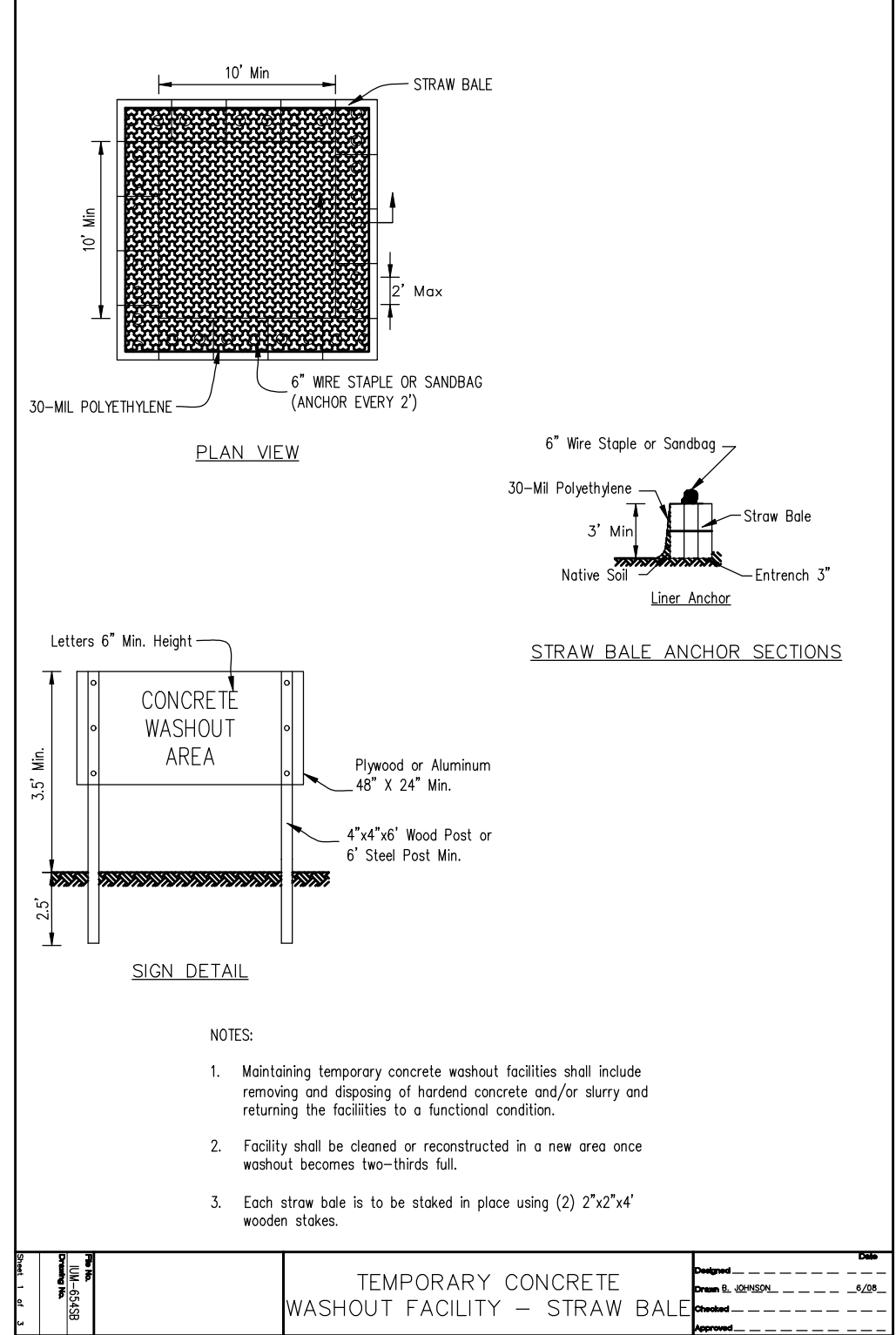
REGION 2 / DISTRICT 2 STANDARD

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

35.4

FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

AUTOCAD2006



- NOTES:
- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 - Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
 - Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE

Designed	_____	Date	_____
Drawn	E. JOHNSON	Date	6/08
Checked	_____	Date	_____
Approved	_____	Date	_____

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

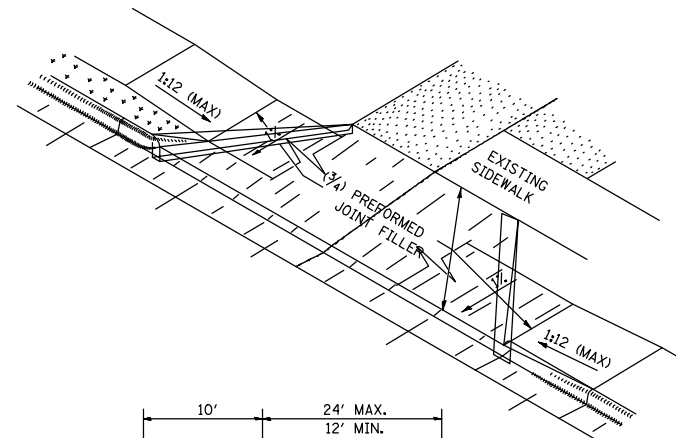
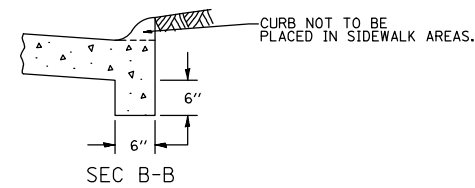
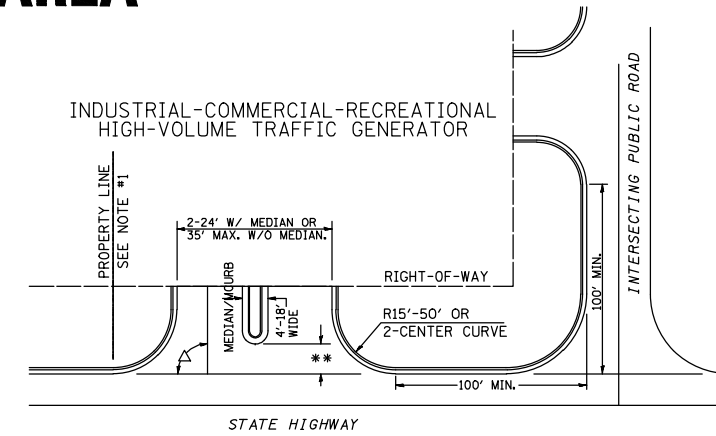
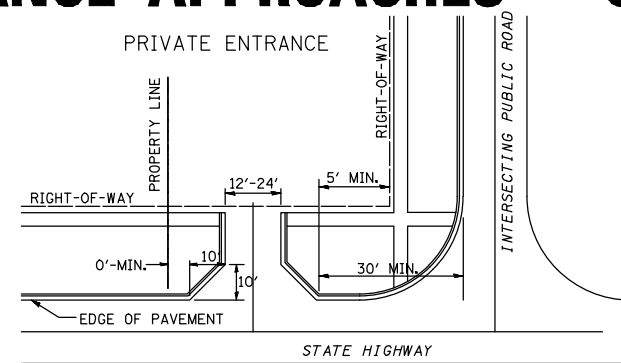
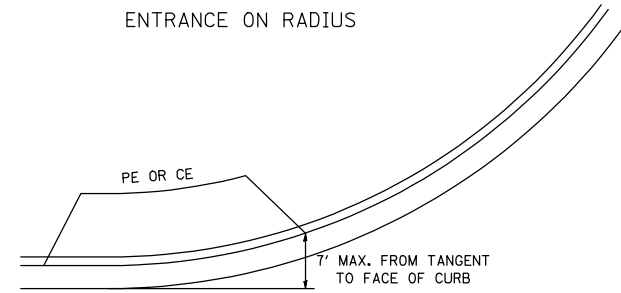
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DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

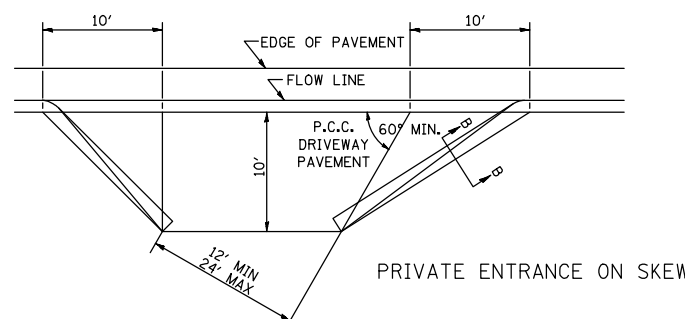
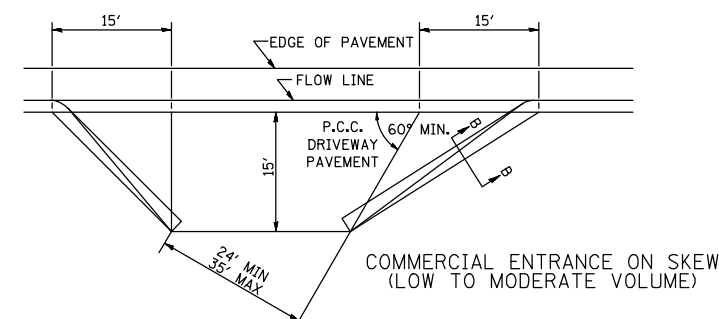
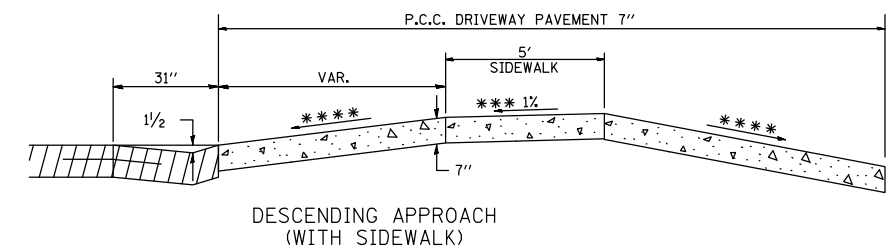
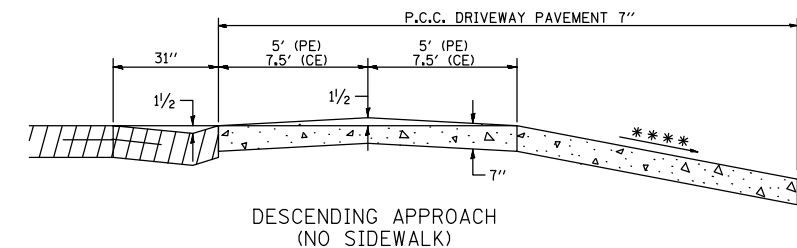
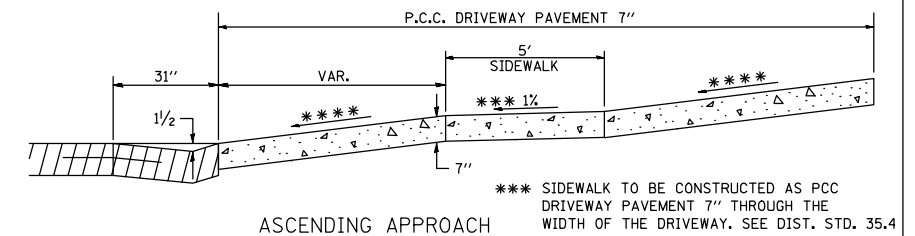
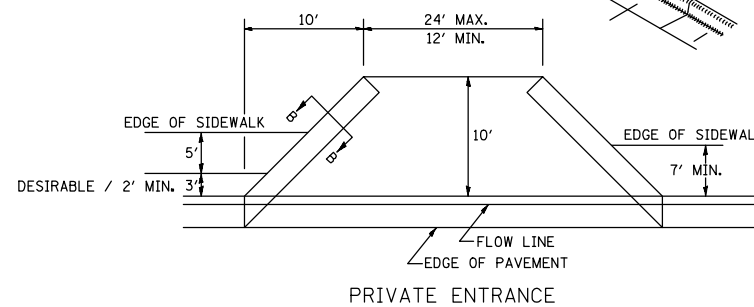
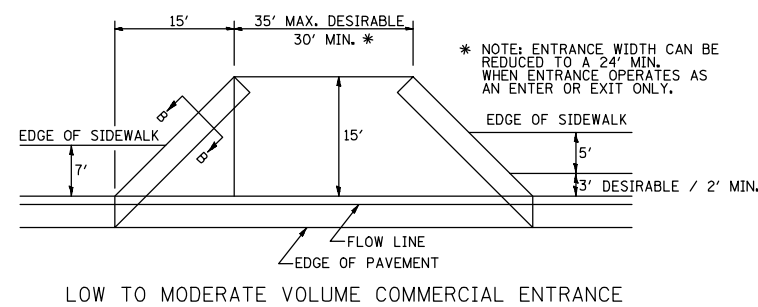
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JOB NUMBER:
17-067B
SHEET NUMBER:
C56.0

ENTRANCE APPROACHES – URBAN AREA



A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS.
 Δ 90° DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.
 NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.
 ** 4'-10" IF HIGHWAY CURBED.
 AT EDGE OF SHOULDER IF HIGHWAY UNCURBED.



NOTE: CURVED ENTRANCE RETURNS MAY BE USED FOR LOW TO MODERATE VOLUME LOCATIONS WITH REVIEW ON A CASE-BY-CASE BASIS.

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 7-19-18
		DRAWN -	REVISED - 1-03-18
	PLOT SCALE = 3/8" = 1' / in.	CHECKED -	REVISED - 6-27-14
	PLOT DATE = 7/31/2018	DATE -	REVISED - 12-07-10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RE ION 2 / DISTRICT 2 STANDARD

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

ENTRANCE APPROACHES – URBAN AREA 25.1

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
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SHARED USE PATH EXTENSION
DIXON, ILLINOIS

DRAWN BY: MS
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DRAWING:
DETAILS

SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B

SHEET NUMBER:
C57.0

LANDSCAPE NOTES:

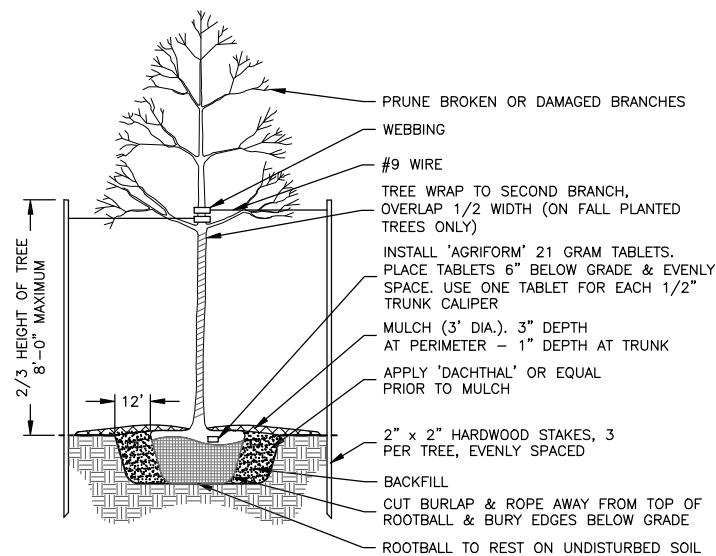
- CONTRACTOR SHALL VISIT SITE, INSPECT EXISTING CONDITIONS AND REVIEW PROPOSED WORK. IN CASE OF DISCREPANCY BETWEEN PLAN AND QUANTITY LISTS, PLAN SHALL GOVERN QUANTITIES.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON-SITE UTILITIES PRIOR TO BEGINNING CONSTRUCTION ON HIS/HER PHASE OF WORK. ELECTRIC, GAS, TELEPHONE, AND CABLE TELEVISION MAY BE LOCATED BY CALLING 811 NATIONWIDE TO REQUEST A LINE LOCATE. ANY DAMAGE TO UTILITIES OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR TO COORDINATE ALL RELATED ACTIVITIES WITH OTHER TRADES ON THE JOB AND SHALL REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
- CONTRACTOR RESPONSIBLE FOR APPLICATION AND COST OF ALL NECESSARY PERMITS AND CODE VERIFICATIONS. SUBMIT COPIES OF ALL DOCUMENTS TO OWNER AND LANDSCAPE ARCHITECT.
- ALL SHRUB BEDS AND TREES SHALL BE MULCHED WITH A 3" DEPTH CONTINUOUS LAYER OF DARK BROWN SHREDDED HARDWOOD BARK MULCH. ALL GROUND COVER AND PERENNIAL BEDS SHALL BE MULCHED WITH A 1" DEPTH LAYER OF MULCH. ALL DECIDUOUS TREES SHALL BE MULCHED WITH A 3' DIAMETER CIRCLE OF 3" DEPTH MULCH. ALL EVERGREEN TREES SHALL BE MULCHED TO THE DRIP LINE.
- PERENNIAL AND GROUND COVER BEDS SHALL BE AMENDED WITH A 2" LAYER OF MUSHROOM COMPOST, TILLED TO A DEPTH OF 6", RAKED SMOOTH, FERTILIZED WITH COMMERCIAL 10-6-4 FERTILIZER AT A RATE OF 25 LBS. PER 1,000 S.F., PLANTED, COVERED WITH 1" LAYER OF DARK BROWN SHREDDED HARDWOOD BARK MULCH AND WATERED.
- EDGE ALL SHRUB BEDS THAT ABUTS LAWN WITH PLASTIC EDGING. EDGING TO BE INSTALLED WITH HORIZONTAL STEEL STAKES AT 36" SPACING. INSTALL PER MANUFACTURER'S SPECIFICATIONS IN ALL AREAS INDICATED ON PLAN. PROVIDE MANUFACTURED JOINTS AND 90° FITTINGS ALL CORNERS.
- THE TOPSOIL CONDITION FOR THIS PROJECT SITE IS AS FOLLOWS:
CONTRACTOR TO SUPPLY, PLACE AND FINISH GRADE TOPSOIL AT SPECIFIED DEPTHS IN PLANTING AND LAWN AREAS. PLANTING AREAS: 12 INCHES, LAWN AREAS: 4 INCHES.
TOPSOIL FOR CORRECTING MINOR IRREGULARITIES ON-SITE WILL BE SUPPLIED AND PLACED BY CONTRACTOR.
- GUARANTEE OF PLANTS FOR ONE (1) YEAR SHALL BEGIN AFTER ACCEPTANCE BY LANDSCAPE ARCHITECT AND/OR OWNER. THE OWNER SHALL ASSUME MAINTENANCE RESPONSIBILITIES OF ALL PLANT MATERIAL, INCLUDING WATERING, CULTIVATING, WEEDING, MULCHING AND SPRAYING AS NECESSARY TO KEEP PLANTS FREE OF INSECTS AND IN A HEALTHY, VIGOROUS CONDITION. THE CONTRACTOR SHALL GUARANTEE ALL PLANTS TO BE IN A HEALTHY, VIGOROUS CONDITION FOR A PERIOD OF ONE (1) YEAR FOLLOWING ACCEPTANCE. CONTRACTOR SHALL REPLACE WITHOUT COST TO OWNER, ANY DEAD OR UNACCEPTABLE PLANTS, AS DETERMINED BY LANDSCAPE ARCHITECT DURING AND AT THE END OF THE GUARANTEE PERIOD.

- SEEDED LAWN TO BE A COMBINATION OF BLUEGRASS, PERENNIAL RYE AND RED FESCUE WITH THE FOLLOWING ANALYSIS BY WEIGHT: 30% RUGBY KENTUCKY BLUEGRASS, 20% PARK KENTUCKY BLUEGRASS, 20% CREEPING RED FESCUE, 20% SCALDIS HARD FESCUE, 10% PERENNIAL RYEGRASS. SEED TO BE APPLIED AT A RATE OF 4 LBS. PER 1,000 S.F. ALL SEEDED LAWN AREAS SHALL BE FERTILIZED AT INSTALLATION WITH 0-26-26 ANALYSIS, AT A RATE OF 6 LBS. PER 1,000 S.F. SECOND APPLICATION OF 15-40-5 TO BE APPLIED AT RATE OF 6 LBS. PER 1,000 S.F. AFTER FIRST CUTTING. ACCEPTANCE AND GUARANTEE NOTES SHALL APPLY TO ALL SEEDED AREAS.
- ACCEPTANCE OF GRADING AND SEEDING SHALL BE BY LANDSCAPE ARCHITECT AND OWNER. THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES FOR A MINIMUM OF SIXTY (60) DAYS OR UNTIL SECOND CUTTING, WHICHEVER IS LONGER. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, RESEEDING AND OTHER OPERATIONS NECESSARY TO KEEP LAWN IN A THRIVING CONDITION. UPON FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT AND/OR OWNER, OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES. AFTER LAWN AREAS HAVE GERMINATED, AREAS WHICH FAIL TO SHOW A UNIFORM STAND OF GRASS FOR ANY REASON WHATSOEVER SHALL BE RESEEDED REPEATEDLY UNTIL ALL AREAS ARE COVERED WITH A SATISFACTORY STAND OF GRASS. MINIMUM ACCEPTANCE OF SEEDED LAWN AREAS MAY INCLUDE SCATTERED BARE SPOTS, NONE OF WHICH ARE LARGER THAN 1 SQUARE FOOT AND WHEN COMBINED DO NOT EXCEED 2% OF TOTAL SEEDED LAWN AREA.

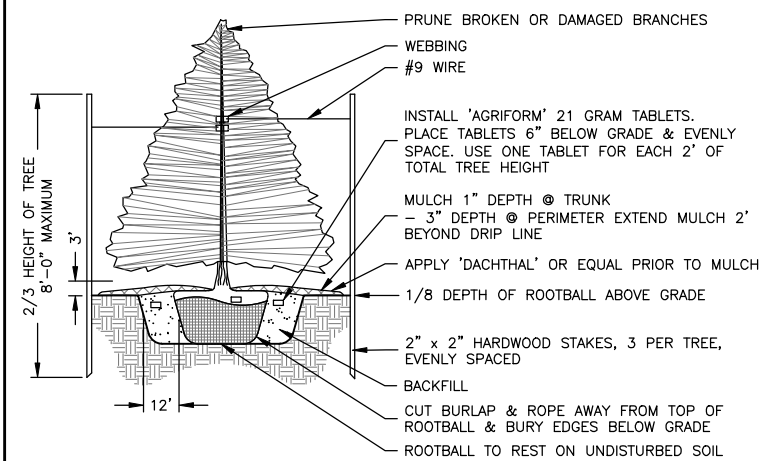
PLANT LIST:

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	TYPE
SHRUBS						
AB	24	<i>Aronia arbutifolia</i> 'Brilliantissima'	RED CHOKEBERRY	30"		Deciduous Shrub
AMI	40	<i>Aronia melanocarpa</i> 'Iroquois Beauty'	IROQUOIS BEAUTY BLACK CHOKEBERRY	24"		Deciduous Shrub
CS	62	<i>Cornus sericea</i>	RED TWIG DOGWOOD	30"		Deciduous Shrub
DLO	90	<i>Diervilla lonicera</i>	DWARF BUSH HONEYSUCKLE	24" HT		Deciduous Shrub
ILH	22	<i>Itea virginica</i> 'Little Henry'	LITTLE HENRY ITEA	24"		Deciduous Shrub
RAG	46	<i>Rhus aromatica</i> 'Gro-Low'	GRO-LOW FRAGRANT SUMAC	18"		Deciduous Shrub
SBT	27	<i>Spiraea betulifolia</i> 'Tor'	BIRCHLEAF SPIREA	18" HT.		Deciduous Shrub
SNF	53	<i>Spiraea japonica</i> 'Neon Flash'	NEON FLASH SPIREA	18" HT.		Deciduous Shrub
VD	18	<i>Viburnum dentatum</i>	ARROWWOOD VIBURNUM	36" HT.		Deciduous Shrub
JCS	50	<i>Juniperus chinensis</i> 'Sargent'	SARGENT JUNIPER	5 GAL.		Evergreen Shrub
JHH	28	<i>Juniperus horizontalis</i> 'Hughes'	HUGHES JUNIPER	5 GAL.		Evergreen Shrub
JSW	8	<i>Juniperus scopulorum</i> 'Witchita Blue'	WITCHITA BLUE JUNIPER	5 GAL.		Evergreen Shrub
TREES						
PAB	9	<i>Picea abies</i>	NORWAY SPRUCE	6' HT.	UNSHADED	Evergreen Tree
PS	6	<i>Pinus strobus</i>	WHITE PINE	7' HT.	UNSHADED	Evergreen Tree
SJT	6	<i>Syringa reticulata</i>	JAPANESE TREE LILAC	5' HT.	MULTI-STEM	Ornamental Trees
VPR	8	<i>Viburnum prunifolium</i>	BLACK HAW VIBURNUM	4' HT.		Ornamental Trees
AAB	6	<i>Acer x freemanii</i> 'Autumn Blaze'	AUTUMN BLAZE FREEMAN MAPLE	3" CALP.		Shade Tree
PERENNIALS, GROUNDCOVER, ORNAMENTAL GRASSES						
CKF	102	<i>Calamagrostis x acutiflora</i> 'Karl Foerster'	KARL FOERSTER FEATHER REED GRASS	3 GAL.	2' O.C.	Perennial, Groundcover, Ornamental Grass
PAD	44	<i>Pennisetum alopecuroides</i> 'Hamel'	DWARF FOUNTAIN GRASS	1 GAL.	2' O.C.	Perennial, Groundcover, Ornamental Grass
SHD	83	<i>Sporobolus heterolepis</i>	PRAIRIE DROPSEED	1 GAL.	2' O.C.	Perennial, Groundcover, Ornamental Grass
SLB	42	<i>Schizachyrium scoparium</i>	LITTLE BLUESTEM	3 GAL.	3' O.C.	Perennial, Groundcover, Ornamental Grass

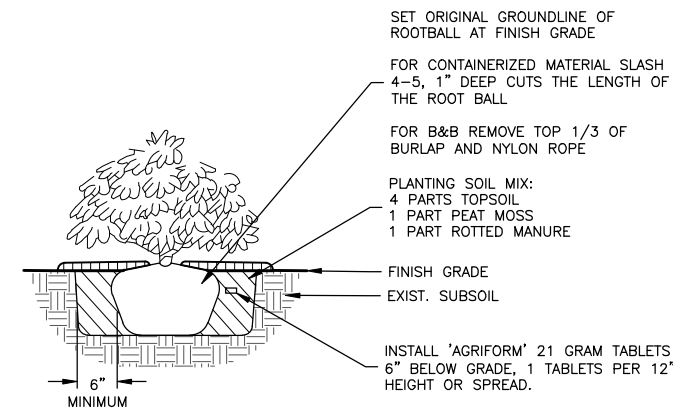
* REFER TO SHEET L1.0 FOR SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES



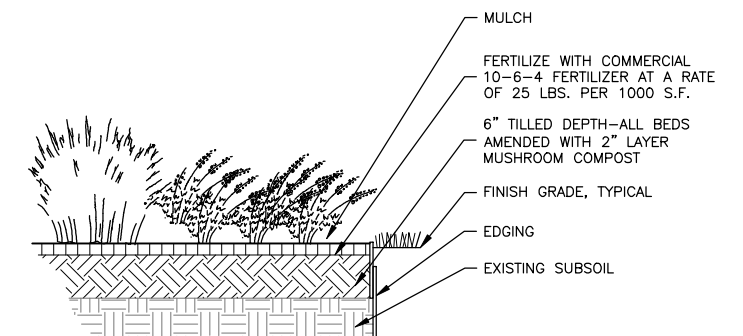
TREE PLANTING
N.T.S.



EVERGREEN TREE PLANTING
N.T.S.

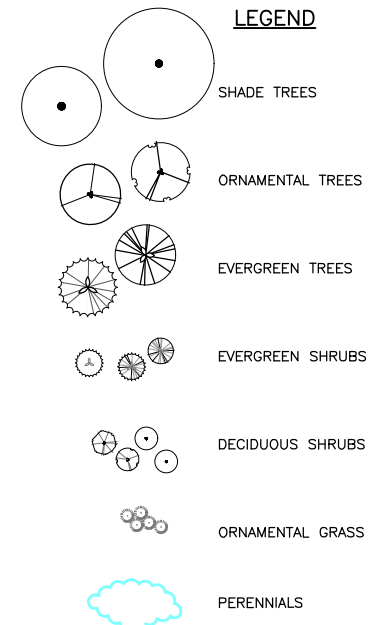


SHRUB PLANTING
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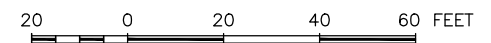
PERENNIAL/GROUNDCOVER PLANTING
N.T.S.

REVISIONS		
REV. NO.	DESCRIPTION	DATE



* REFER TO EROSION CONTROL AND RESTORATION SHEETS C38.0-C40.0 FOR SEED/SODDING INFORMATION

KEY	BOTANICAL NAME	COMMON NAME
TREES		
AAB	Acer x freemanii 'Autumn Blaze'	AUTUMN BLAZE FREEMAN MAPLE
CO	Celtis occidentalis	HACKBERRY
JSW	Juniperus scopulorum 'Witchita Blue'	WITCHITA BLUE JUNIPER
PAB	Picea abies	NORWAY SPRUCE
PFV	Pinus flexilis 'Vanderwolfe's Pyramid'	VANDERWOLFE'S COLUMNAR LIMBER PINE
PS	Pinus strobus	WHITE PINE
QRF	Quercus rubra	RED OAK
SJT	Syringa reticulata	JAPANESE TREE LILAC
VPR	Viburnum prunifolium	BLACK HAW VIBURNUM
SHRUBS		
AB	Aronia arbutifolia 'Brilliantissima'	RED CHOKEBERRY
AMI	Aronia melanocarpa 'Iroquois Beauty'	IROQUOIS BEAUTY BLACK CHOKEBERRY
CAP	Cotoneaster apiculatus	CRANBERRY COTONEASTER
CS	Cornus sericea	RED TWIG DOGWOOD
DLO	Diervilla lonicera	DWARF BUSH HONEYSUCKLE
ILH	Itea virginica 'Little Henry'	LITTLE HENRY ITEA
JHH	Juniperus horizontalis 'Hughes'	HUGHES JUNIPER
JCS	Juniperus chinensis 'Sargentii'	SARGENT JUNIPER
RAG	Rhus aromatica 'Gro-Low'	GRO-LOW FRAGRANT SUMAC
SBT	Spiraea betulifolia 'Tor'	BIRCHLEAF SPIREA
SNF	Spiraea japonica 'Neon Flash'	NEON FLASH SPIREA
VD	Viburnum dentatum	ARROWWOOD VIBURNUM
PERENNIALS, GROUNDCOVER, ORNAMENTAL GRASSES		
CKF	Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER FEATHER REED GRASS
ECP	Echinacea purpurea	PURPLE CONEFLOWER
HMS	Hemerocallis 'Stella-de-oro'	STELLA-DE-ORO DAYLILY
PAD	Pennisetum alopecuroides 'Hamel'	DWARF FOUNTAIN GRASS
SEA	Sedum spectabile 'Autumn Joy'	AUTUMN JOY SEDUM
SHD	Sporobolus heterolepis	PRAIRIE DROPSEED
SLB	Schizachyrium scoparium	LITTLE BLUESTEM



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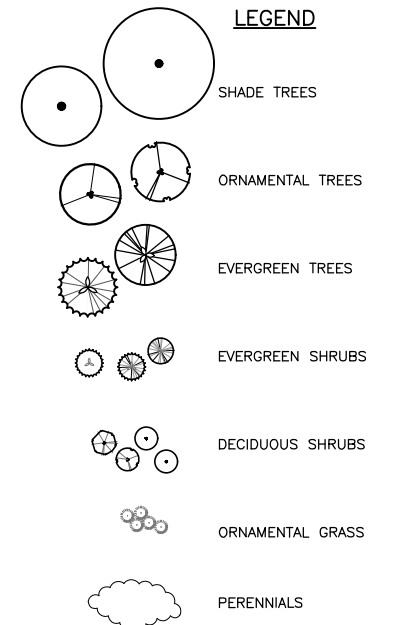
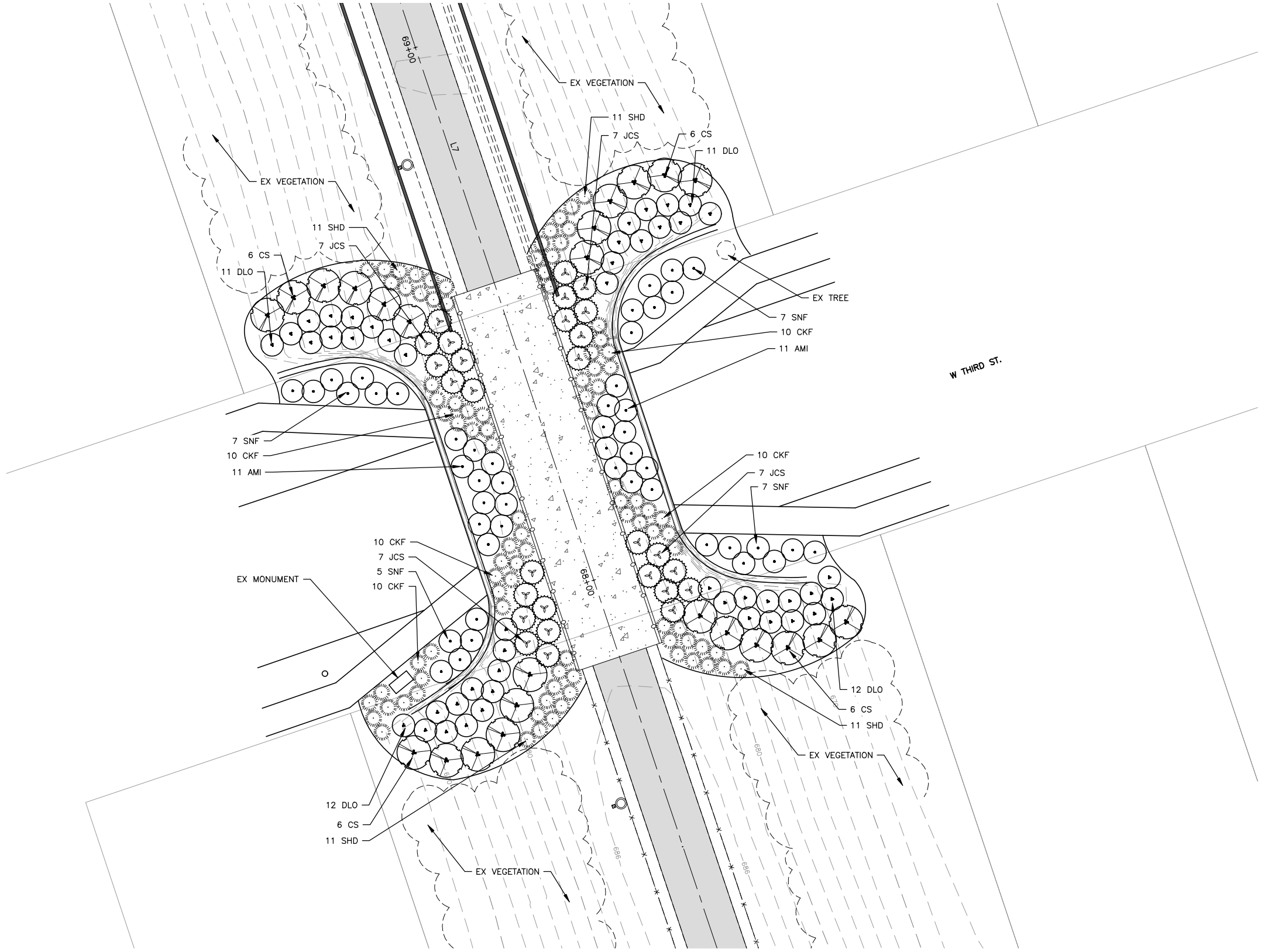
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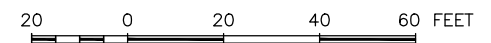
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JOB NUMBER:
17-067B
SHEET NUMBER:
L2.0



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SLB	Schizachyrium scoparium	LITTLE BLUESTEM



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FLOT DATE: 11/16/22 © 2022 FEHR GRAHAM

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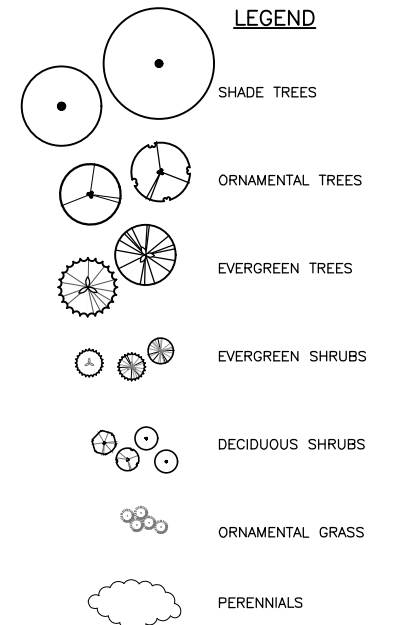
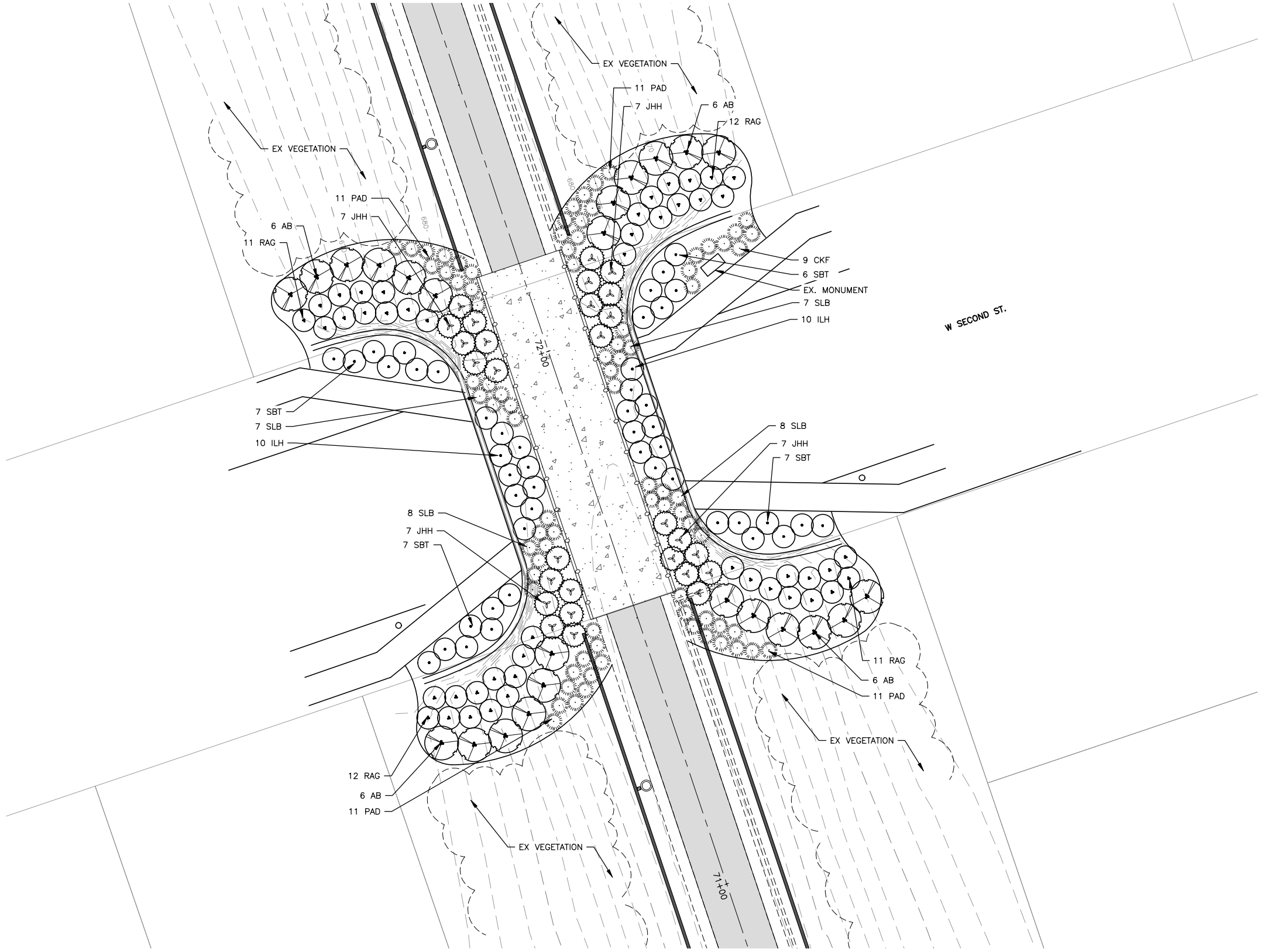
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DIXON, ILLINOIS

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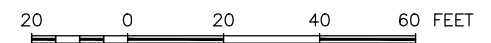
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PS	Pinus strobus	WHITE PINE
QRF	Quercus rubra	RED OAK
SJT	Syringa reticulata	JAPANESE TREE LILAC
VPR	Viburnum prunifolium	BLACK HAW VIBURNUM
SHRUBS		
AB	Aronia arbutifolia 'Brilliantissima'	RED CHOKEBERRY
AMI	Aronia melanocarpa 'Iroquois Beauty'	IROQUOIS BEAUTY BLACK CHOKEBERRY
CAP	Cotoneaster apiculatus	CRANBERRY COTONEASTER
CS	Cornus sericea	RED TWIG DOGWOOD
DLO	Diervilla lonicera	DWARF BUSH HONEYSUCKLE
ILH	Itea virginica 'Little Henry'	LITTLE HENRY ITEA
JHH	Juniperus horizontalis 'Hughes'	HUGHES JUNIPER
JCS	Juniperus chinensis 'Sargentii'	SARGENT JUNIPER
RAG	Rhus aromatica 'Gro-Low'	GRO-LOW FRAGRANT SUMAC
SBT	Spiraea betulifolia 'Tor'	BIRCHLEAF SPIREA
SNF	Spiraea japonica 'Neon Flash'	NEON FLASH SPIREA
VD	Viburnum dentatum	ARROWWOOD VIBURNUM
PERENNIALS, GROUNDCOVER, ORNAMENTAL GRASSES		
CKF	Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER FEATHER REED GRASS
ECP	Echinacea purpurea	PURPLE CONEFLOWER
HMS	Hemerocallis 'Stella-de-oro'	STELLA-DE-ORO DAYLILY
PAD	Pennisetum alopecuroides 'Hameln'	DWARF FOUNTAIN GRASS
SEA	Sedum spectabile 'Autumn Joy'	AUTUMN JOY SEDUM
SHD	Sporobolus heterolepis	PRAIRIE DROPSEED
SLB	Schizachyrium scoparium	LITTLE BLUESTEM



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121 WEST 2ND STREET
DIXON, IL 61016

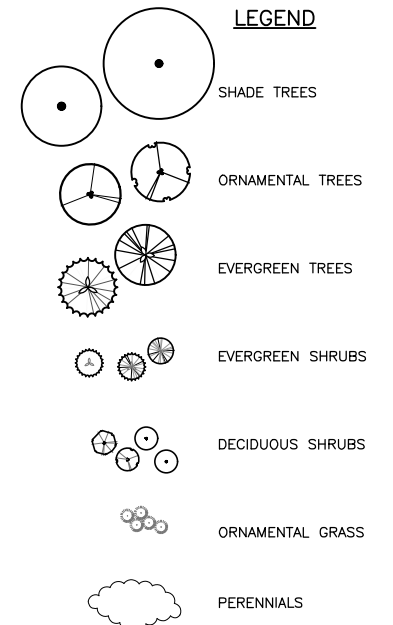
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

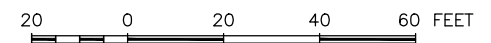
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JOB NUMBER:
17-0678
SHEET NUMBER:
L4.0



* REFER TO EROSION CONTROL AND RESTORATION SHEETS C38.0-C40.0 FOR SEED/SODDING INFORMATION

KEY	BOTANICAL NAME	COMMON NAME
TREES		
AAB	<i>Acer x freemanii</i> 'Autumn Blaze'	AUTUMN BLAZE FREEMAN MAPLE
CO	<i>Celtis occidentalis</i>	HACKBERRY
JSW	<i>Juniperus scopulorum</i> 'Witchita Blue'	WITCHITA BLUE JUNIPER
PAB	<i>Picea abies</i>	NORWAY SPRUCE
PFV	<i>Pinus flexilis</i> 'Vanderwolfe's Pyramid'	VANDERWOLFE'S COLUMNAR LIMBER PINE
PS	<i>Pinus strobus</i>	WHITE PINE
QRF	<i>Quercus rubra</i>	RED OAK
SJT	<i>Syringa reticulata</i>	JAPANESE TREE LILAC
VPR	<i>Viburnum prunifolium</i>	BLACK HAW VIBURNUM
SHRUBS		
AB	<i>Aronia arbutifolia</i> 'Brilliantissima'	RED CHOKEBERRY
AMI	<i>Aronia melanocarpa</i> 'Iroquois Beauty'	IROQUOIS BEAUTY BLACK CHOKEBERRY
CAP	<i>Cotoneaster apiculatus</i>	CRANBERRY COTONEASTER
CS	<i>Cornus sericea</i>	RED TWIG DOGWOOD
DLO	<i>Diervilla lonicera</i>	DWARF BUSH HONEYSUCKLE
ILH	<i>Itea virginica</i> 'Little Henry'	LITTLE HENRY ITEA
JHH	<i>Juniperus horizontalis</i> 'Hughes'	HUGHES JUNIPER
JCS	<i>Juniperus chinensis</i> 'Sargentii'	SARGENT JUNIPER
RAG	<i>Rhus aromatica</i> 'Gro-Low'	GRO-LOW FRAGRANT SUMAC
SBT	<i>Spiraea betulifolia</i> 'Tor'	BIRCHLEAF SPIREA
SNF	<i>Spiraea japonica</i> 'Neon Flash'	NEON FLASH SPIREA
VD	<i>Viburnum dentatum</i>	ARROWWOOD VIBURNUM
PERENNIALS, GROUNDCOVER, ORNAMENTAL GRASSES		
CKF	<i>Calamagrostis x acutiflora</i> 'Karl Foerster'	KARL FOERSTER FEATHER REED GRASS
ECP	<i>Echinacea purpurea</i>	PURPLE CONEFLOWER
HMS	<i>Hemerocallis</i> 'Stella-de-oro'	STELLA-DE-ORO DAYLILY
PAD	<i>Pennisetum alopecuroides</i> 'Hamel'	DWARF FOUNTAIN GRASS
SEA	<i>Sedum spectabile</i> 'Autumn Joy'	AUTUMN JOY SEDUM
SHD	<i>Sporobolus heterolepis</i>	PRAIRIE DROPSEED
SLB	<i>Schizachyrium scoparium</i>	LITTLE BLUESTEM



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DIXON, IL 61016

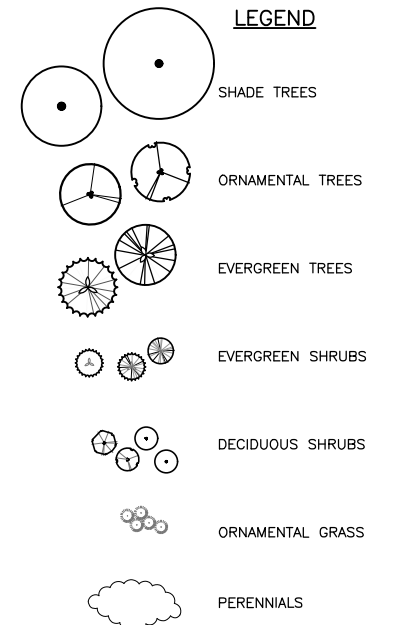
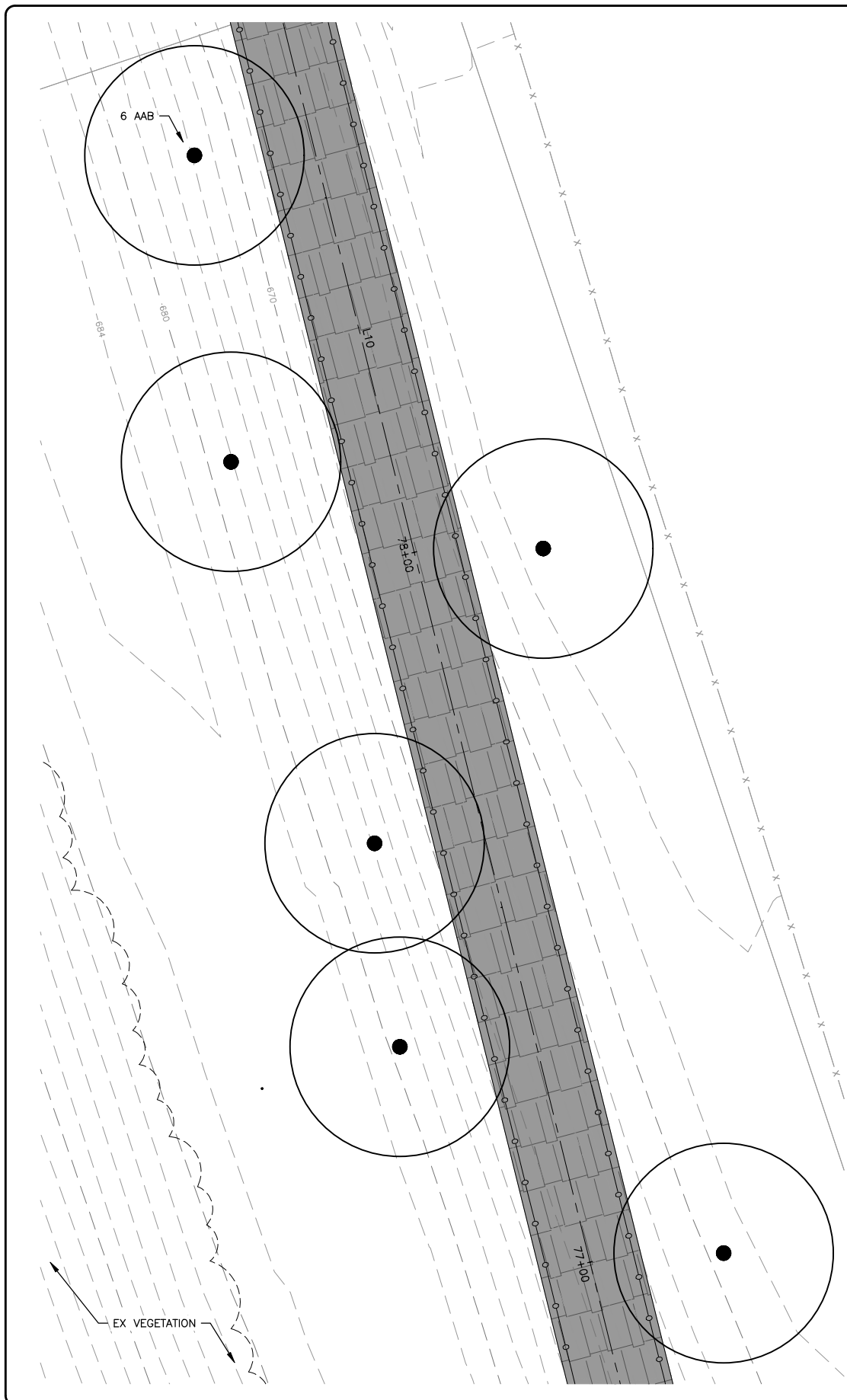
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

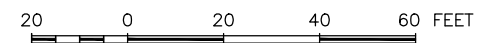
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JOB NUMBER:
17-0678
SHEET NUMBER:
L5.0



* REFER TO EROSION CONTROL AND RESTORATION SHEETS C38.0-C40.0 FOR SEED/SODDING INFORMATION

KEY	BOTANICAL NAME	COMMON NAME
TREES		
AAB	<i>Acer x freemanii</i> 'Autumn Blaze'	AUTUMN BLAZE FREEMAN MAPLE
CO	<i>Celtis occidentalis</i>	HACKBERRY
JSW	<i>Juniperus scopulorum</i> 'Witchita Blue'	WITCHITA BLUE JUNIPER
PAB	<i>Picea abies</i>	NORWAY SPRUCE
PFV	<i>Pinus flexilis</i> 'Vanderwolfe's Pyramid'	VANDERWOLFE'S COLUMNAR LIMBER PINE
PS	<i>Pinus strobus</i>	WHITE PINE
QRF	<i>Quercus rubra</i>	RED OAK
SJT	<i>Syringa reticulata</i>	JAPANESE TREE LILAC
VPR	<i>Viburnum prunifolium</i>	BLACK HAW VIBURNUM
SHRUBS		
AB	<i>Aronia arbutifolia</i> 'Brilliantissima'	RED CHOKEBERRY
AMI	<i>Aronia melanocarpa</i> 'Iroquois Beauty'	IROQUOIS BEAUTY BLACK CHOKEBERRY
CAP	<i>Cotoneaster apiculatus</i>	CRANBERRY COTONEASTER
CS	<i>Cornus sericea</i>	RED TWIG DOGWOOD
DLO	<i>Diervilla lonicera</i>	DWARF BUSH HONEYSUCKLE
ILH	<i>Itea virginica</i> 'Little Henry'	LITTLE HENRY ITEA
JHH	<i>Juniperus horizontalis</i> 'Hughes'	HUGHES JUNIPER
JCS	<i>Juniperus chinensis</i> 'Sargentii'	SARGENT JUNIPER
RAG	<i>Rhus aromatica</i> 'Gro-Low'	GRO-LOW FRAGRANT SUMAC
SBT	<i>Spiraea betulifolia</i> 'Tor'	BIRCHLEAF SPIREA
SNF	<i>Spiraea japonica</i> 'Neon Flash'	NEON FLASH SPIREA
VD	<i>Viburnum dentatum</i>	ARROWWOOD VIBURNUM
PERENNIALS, GROUNDCOVER, ORNAMENTAL GRASSES		
CKF	<i>Calamagrostis x acutiflora</i> 'Karl Foerster'	KARL FOERSTER FEATHER REED GRASS
ECP	<i>Echinacea purpurea</i>	PURPLE CONEFLOWER
HMS	<i>Hemerocallis</i> 'Stella-de-oro'	STELLA-DE-ORO DAYLILY
PAD	<i>Pennisetum alopecuroides</i> 'Hamel'	DWARF FOUNTAIN GRASS
SEA	<i>Sedum spectabile</i> 'Autumn Joy'	AUTUMN JOY SEDUM
SHD	<i>Sporobolus heterolepis</i>	PRAIRIE DROPSEED
SLB	<i>Schizachyrium scoparium</i>	LITTLE BLUESTEM



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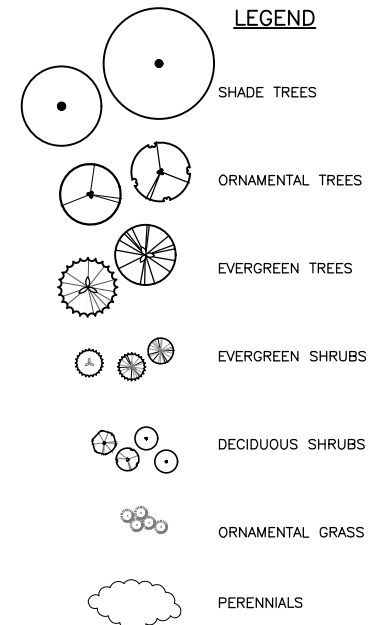
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

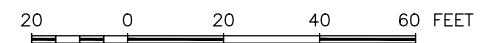
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JOB NUMBER:
17-067B
SHEET NUMBER:
L6.0



* REFER TO EROSION CONTROL AND RESTORATION SHEETS C38.0-C40.0 FOR SEED/SODDING INFORMATION

KEY	BOTANICAL NAME	COMMON NAME
TREES		
AAB	Acer x freemanii 'Autumn Blaze'	AUTUMN BLAZE FREEMAN MAPLE
CO	Celtis occidentalis	HACKBERRY
JSW	Juniperus scopulorum 'Witchita Blue'	WITCHITA BLUE JUNIPER
PAB	Picea abies	NORWAY SPRUCE
PFV	Pinus flexilis 'Vanderwolfe's Pyramid'	VANDERWOLFE'S COLUMNAR LIMBER PINE
PS	Pinus strobus	WHITE PINE
QRF	Quercus rubra	RED OAK
SJT	Syringa reticulata	JAPANESE TREE LILAC
VPR	Viburnum prunifolium	BLACK HAW VIBURNUM
SHRUBS		
AB	Aronia arbutifolia 'Brilliantissima'	RED CHOKEBERRY
AMI	Aronia melanocarpa 'Iroquois Beauty'	IROQUOIS BEAUTY BLACK CHOKEBERRY
CAP	Cotoneaster apiculatus	CRANBERRY COTONEASTER
CS	Cornus sericea	RED TWIG DOGWOOD
DLO	Diervilla lonicera	DWARF BUSH HONEYSUCKLE
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RAG	Rhus aromatica 'Gro-Low'	GRO-LOW FRAGRANT SUMAC
SBT	Spiraea betulifolia 'Tor'	BIRCHLEAF SPIREA
SNF	Spiraea japonica 'Neon Flash'	NEON FLASH SPIREA
VD	Viburnum dentatum	ARROWWOOD VIBURNUM
PERENNIALS, GROUNDCOVER, ORNAMENTAL GRASSES		
CKF	Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER FEATHER REED GRASS
ECP	Echinacea purpurea	PURPLE CONEFLOWER
HMS	Hemerocallis 'Stella-de-oro'	STELLA-DE-ORO DAYLILY
PAD	Pennisetum alopecuroides 'Hamel'	DWARF FOUNTAIN GRASS
SEA	Sedum spectabile 'Autumn Joy'	AUTUMN JOY SEDUM
SHD	Sporobolus heterolepis	PRAIRIE DROPSEED
SLB	Schizachyrium scoparium	LITTLE BLUESTEM



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DIXON, IL 61016

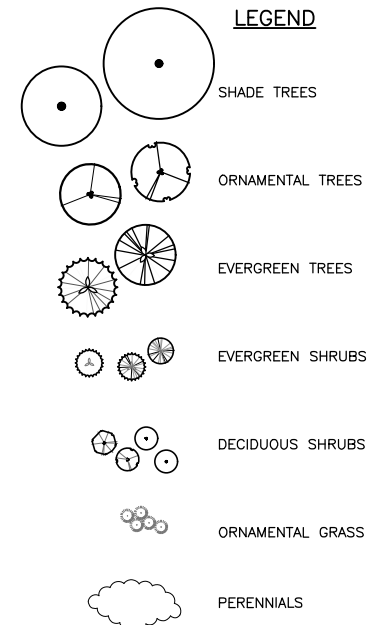
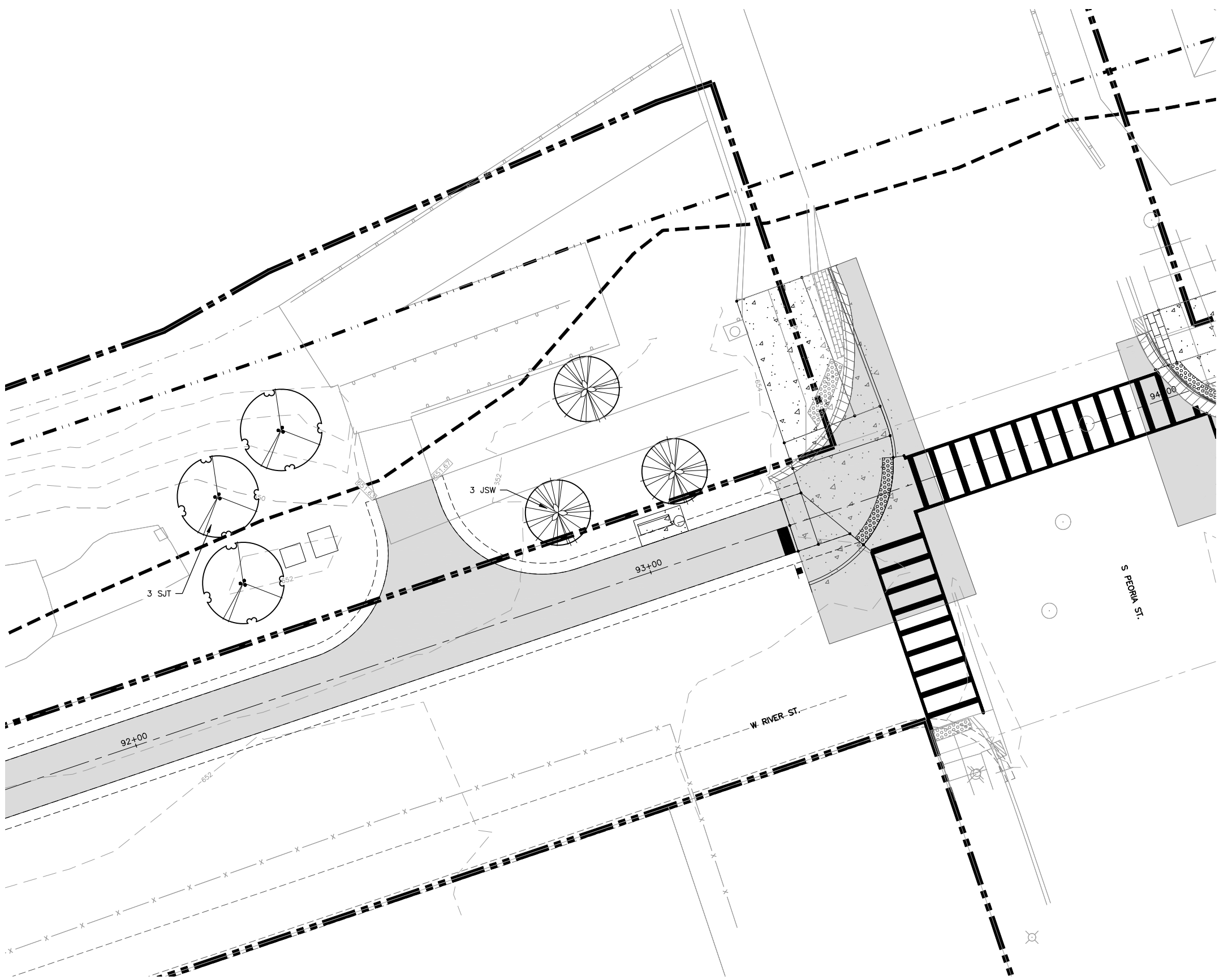
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SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

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APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

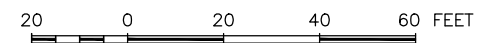
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JOB NUMBER:
17-0678
SHEET NUMBER:
L7.0



* REFER TO EROSION CONTROL AND RESTORATION SHEETS C38.0-C40.0 FOR SEED/SODDING INFORMATION

KEY	BOTANICAL NAME	COMMON NAME
TREES		
AAB	Acer x freemanii 'Autumn Blaze'	AUTUMN BLAZE FREEMAN MAPLE
CO	Celtis occidentalis	HACKBERRY
JSW	Juniperus scopulorum 'Witchita Blue'	WITCHITA BLUE JUNIPER
PAB	Picea abies	NORWAY SPRUCE
PFV	Pinus flexilis 'Vanderwolfe's Pyramid'	VANDERWOLFE'S COLUMNAR LIMBER PINE
PS	Pinus strobus	WHITE PINE
QRF	Quercus rubra	RED OAK
SJT	Syringa reticulata	JAPANESE TREE LILAC
VPR	Viburnum prunifolium	BLACK HAW VIBURNUM
SHRUBS		
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AMI	Aronia melanocarpa 'Iroquois Beauty'	IROQUOIS BEAUTY BLACK CHOKEBERRY
CAP	Cotoneaster apiculatus	CRANBERRY COTONEASTER
CS	Cornus sericea	RED TWIG DOGWOOD
DLO	Diervilla lonicera	DWARF BUSH HONEYSUCKLE
ILH	Itea virginica 'Little Henry'	LITTLE HENRY ITEA
JHH	Juniperus horizontalis 'Hughes'	HUGHES JUNIPER
JCS	Juniperus chinensis 'Sargentii'	SARGENT JUNIPER
RAG	Rhus aromatica 'Gro-Low'	GRO-LOW FRAGRANT SUMAC
SBT	Spiraea betulifolia 'Tor'	BIRCHLEAF SPIREA
SNF	Spiraea japonica 'Neon Flash'	NEON FLASH SPIREA
VD	Viburnum dentatum	ARROWWOOD VIBURNUM
PERENNIALS, GROUNDCOVER, ORNAMENTAL GRASSES		
CKF	Calamagrostis x acutiflora 'Karl Foerster'	KARL FOERSTER FEATHER REED GRASS
ECP	Echinacea purpurea	PURPLE CONEFLOWER
HMS	Hemerocallis 'Stella-de-oro'	STELLA-DE-ORO DAYLILY
PAD	Pennisetum alopecuroides 'Hamel'	DWARF FOUNTAIN GRASS
SEA	Sedum spectabile 'Autumn Joy'	AUTUMN JOY SEDUM
SHD	Sporobolus heterolepis	PRAIRIE DROPSEED
SLB	Schizachyrium scoparium	LITTLE BLUESTEM



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FLOT DATE: 11/16/22 © 2022 FEHR GRAHAM

ILLINOIS
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121 WEST 2ND STREET
DIXON, IL 61016

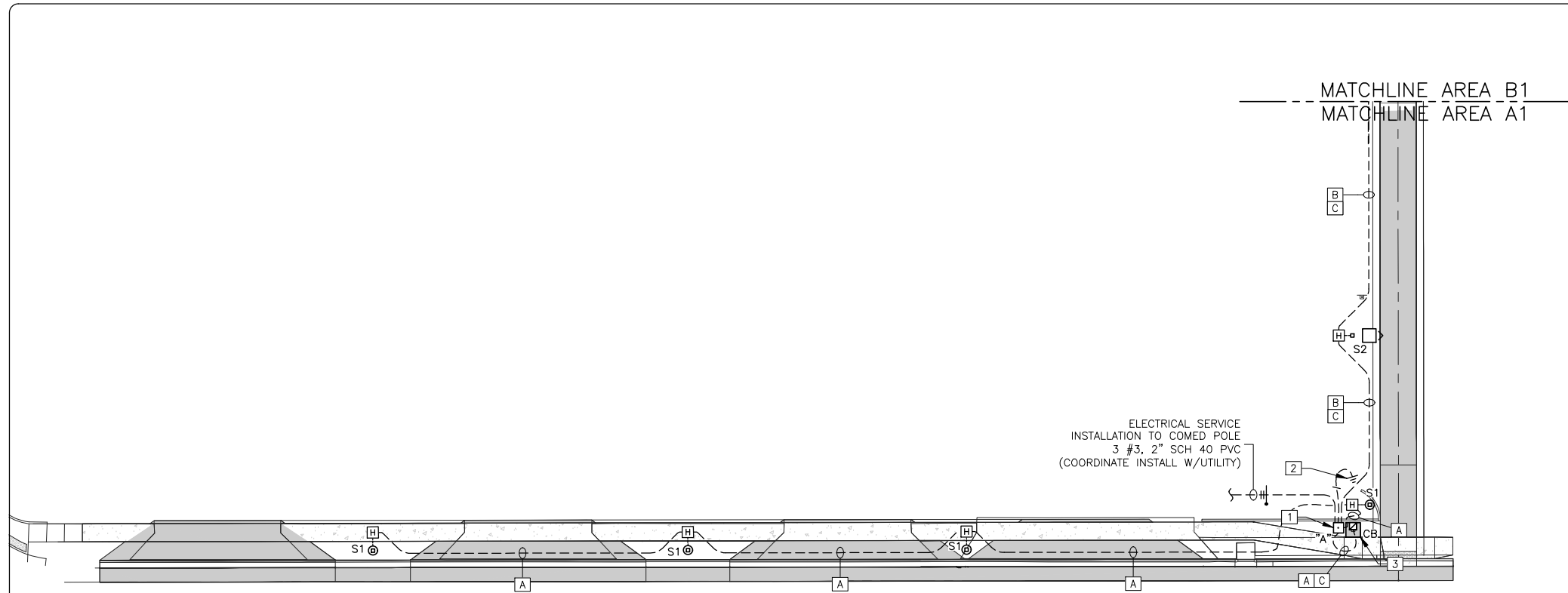
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: MS
APPROVED BY: JS
DATE: 10/19/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
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SET TYPE: FOR BID SET
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JOB NUMBER:
17-067B
SHEET NUMBER:
L8.0



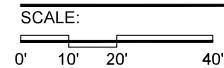
GENERAL NOTES:

1. EACH CAMERA AND EACH VOIP EMERGENCY PHONE SHALL BE SERVED BY A SINGLE FIBER OUT OF THE MULTI STRAND CABLE. (TWO FIBERS REQUIRED FOR EACH EMERGENCY CALL STATION.)
2. ALL UNDERGROUND RACEWAYS SHALL BE SCHEDULE 40 PVC.
3. ALL ABOVE GROUND RACEWAYS SHALL BE GALVANIZED RIGID STEEL (GRS).

KEYED NOTES:

- 1 POWER PEDESTAL "A". SEE DETAILS 1&2/E11.0
- 2 #4 BARE GROUND (CU) TO (2) 5/8"x8 FT CU ROD.
- 3 EMERGENCY CALL BOX. SEE DETAIL 3/E12.0.

SITE ELECTRICAL PLAN - AREA A1



1" = 20'-0"

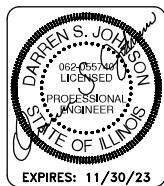
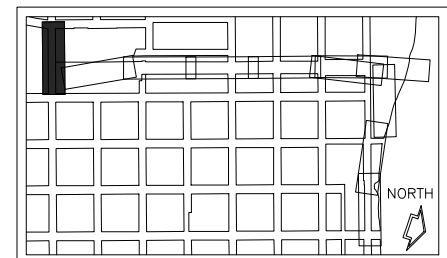


CONDUIT/CABLE LEGEND:

- A = 2 #8, 1 #8 GND, 1-1/4" SCH 40 PVC
- B = 4 #8, 1 #8 GND, 1-1/4" SCH 40 PVC
- C = 4 STRAND FIBER, 1-1/4" SCH 40 PVC
- D = 2 #10, 1 #10 GND, 1/2" GRS (INSTALL ON RAILING SYSTEM)

ELECTRICAL LEGEND

- ⊙ - S1 LIGHT POLE, SPECIAL 12' (GLOBE LED FIXTURE)
- - S2 LIGHT POLE, SPECIAL 12' (SHOEBOX LED FIXTURE)
- - S4 LIGHT FIXTURE
- ▣ - EMERGENCY CALL BOX
- ⊞ - HANDHOLE
- ⊞ - JUNCTION BOX
- - MOUNTING PEDASTAL
- - UNDERGROUND ELECTRICAL



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OWNER/DEVELOPER:

CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:

SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO MXY3(094)
JOB C-92-024-19

DRAWN BY: AB/EDK
APPROVED BY: DSJ
DATE: 11/07/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

SITE ELECTRICAL PLAN - AREA A1

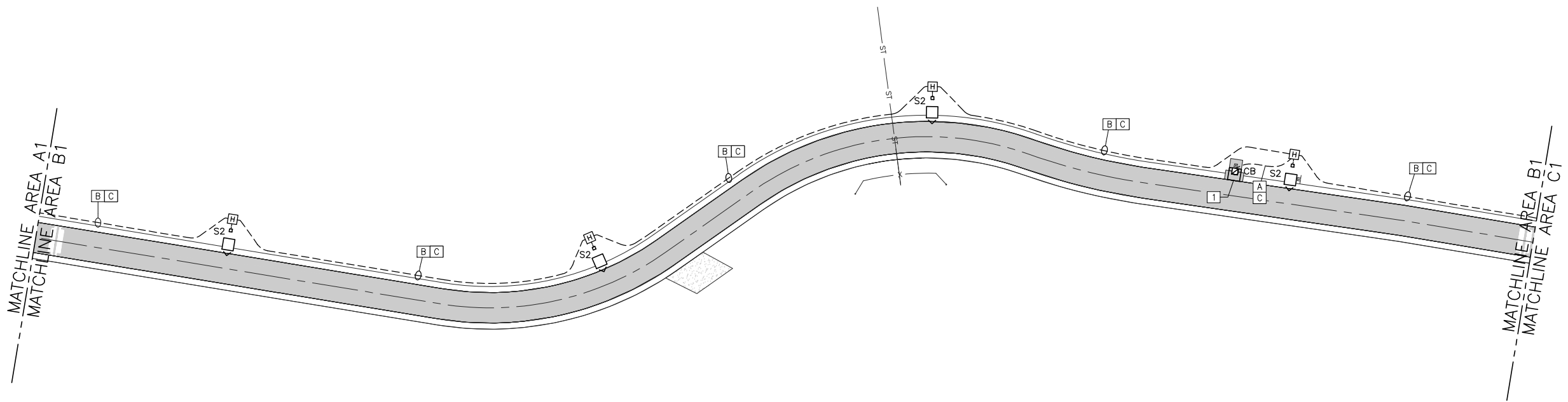
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E1.0 SITE ELECTRICAL PLAN - AREA A1.dwg

JOB NUMBER:

17-067B

SHEET NUMBER:

E1.0



- GENERAL NOTES:**
1. EACH CAMERA AND EACH VOIP EMERGENCY PHONE SHALL BE SERVED BY A SINGLE FIBER OUT OF THE MULTI STRAND CABLE. (TWO FIBERS REQUIRED FOR EACH EMERGENCY CALL STATION.)
 2. ALL UNDERGROUND RACEWAYS SHALL BE SCHEDULE 40 PVC.
 3. ALL ABOVE GROUND RACEWAYS SHALL BE GALVANIZED RIGID STEEL (GRS).

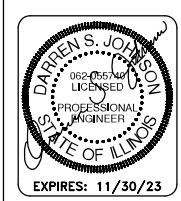
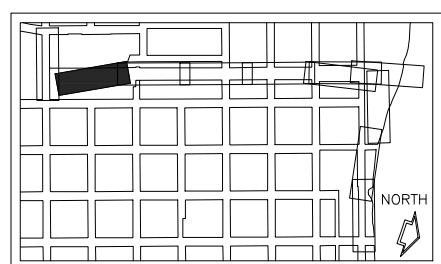
- KEYED NOTES:**
- 1 EMERGENCY CALL BOX. SEE DETAIL 3/E12.0.

SITE ELECTRICAL PLAN - AREA B1
 SCALE: 1" = 20'-0"
 0' 10' 20' 40'



- CONDUIT/CABLE LEGEND:**
- A = 2 #8, 1 #8 GND, 1-1/4" SCH 40 PVC
 - B = 4 #8, 1 #8 GND, 1-1/4" SCH 40 PVC
 - C = 4 STRAND FIBER, 1-1/4" SCH 40 PVC
 - D = 2 #10, 1 #10 GND, 1/2" GRS (INSTALL ON RAILING SYSTEM)

- ELECTRICAL LEGEND**
- ⊙ - S1 LIGHT POLE, SPECIAL 12' (GLOBE LED FIXTURE)
 - - S2 LIGHT POLE, SPECIAL 12' (SHOEBOX LED FIXTURE)
 - - S4 LIGHT FIXTURE
 - ⊠ - EMERGENCY CALL BOX
 - H - HANDHOLE
 - J - JUNCTION BOX
 - - MOUNTING PEDASTAL
 - - UNDERGROUND ELECTRICAL



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ILLINOIS
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OWNER/DEVELOPER:
 CITY OF DIXON
 121 WEST 2ND STREET
 DIXON, IL 61016

PROJECT AND LOCATION:
 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO MXY3(094)
 JOB C-92-024-19

DRAWN BY: AB/EDK
 APPROVED BY: DSJ
 DATE: 11/07/2022
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 SITE ELECTRICAL PLAN - AREA B1

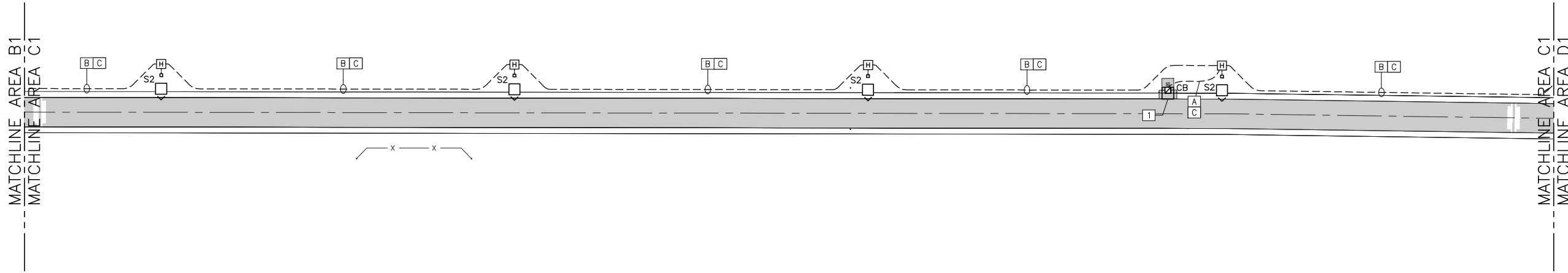
SET TYPE: FOR BID SET
 E2.0 SITE ELECTRICAL PLAN - AREA B1.dwg

JOB NUMBER:
 17-067B

SHEET NUMBER:
 E2.0

GENERAL NOTES:

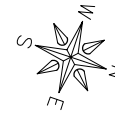
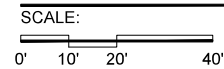
1. EACH CAMERA AND EACH VOIP EMERGENCY PHONE SHALL BE SERVED BY A SINGLE FIBER OUT OF THE MULTI STRAND CABLE. (TWO FIBERS REQUIRED FOR EACH EMERGENCY CALL STATION.)
2. ALL UNDERGROUND RACEWAYS SHALL BE SCHEDULE 40 PVC.
3. ALL ABOVE GROUND RACEWAYS SHALL BE GALVANIZED RIGID STEEL (GRS).



KEYED NOTES:

- 1 EMERGENCY CALL BOX. SEE DETAIL 3/E12.0.

SITE ELECTRICAL PLAN - AREA C1

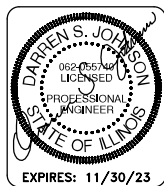
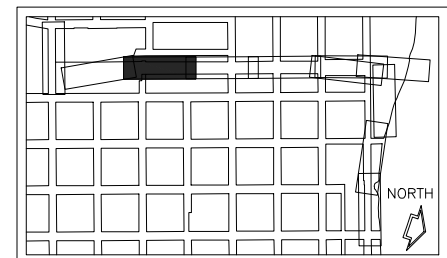


CONDUIT/CABLE LEGEND:

- A = 2 #8, 1 #8 GND, 1-1/4" SCH 40 PVC
- B = 4 #8, 1 #8 GND, 1-1/4" SCH 40 PVC
- C = 4 STRAND FIBER, 1-1/4" SCH 40 PVC
- D = 2 #10, 1 #10 GND, 1/2" GRS (INSTALL ON RAILING SYSTEM)

ELECTRICAL LEGEND

- ⊙ - S1 LIGHT POLE, SPECIAL 12' (GLOBE LED FIXTURE)
- ◻ - S2 LIGHT POLE, SPECIAL 12' (SHOEBOX LED FIXTURE)
- ◻ - S4 LIGHT FIXTURE
- ◻ - EMERGENCY CALL BOX
- ◻ - HANDHOLE
- ◻ - JUNCTION BOX
- ◻ - MOUNTING PEDASTAL
- - UNDERGROUND ELECTRICAL



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ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:

CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:

SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO MXY3(094)
JOB C-92-024-19

DRAWN BY: AB/EDK
APPROVED BY: DSJ
DATE: 11/07/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

SITE ELECTRICAL PLAN - AREA C1

SET TYPE: FOR BID SET
E3.0 SITE ELECTRICAL PLAN - AREA C1.dwg

JOB NUMBER:

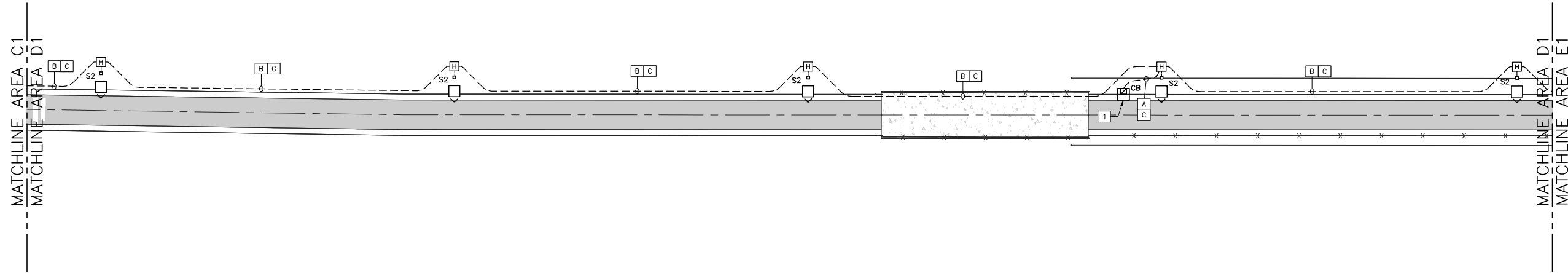
17-067B

SHEET NUMBER:

E3.0

GENERAL NOTES:

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2. ALL UNDERGROUND RACEWAYS SHALL BE SCHEDULE 40 PVC.
3. ALL ABOVE GROUND RACEWAYS SHALL BE GALVANIZED RIGID STEEL (GRS).



SITE ELECTRICAL PLAN - AREA D1

SCALE: 1" = 20'-0"
 0' 10' 20' 40'



KEYED NOTES:

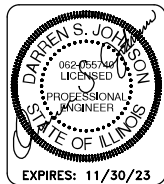
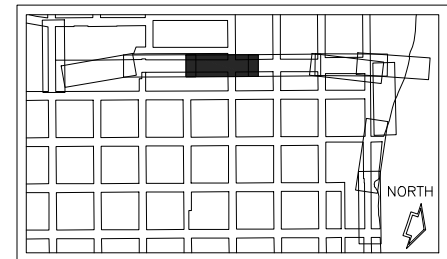
- 1 EMERGENCY CALL BOX. SEE DETAIL 3/E12.0.

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- D = 2 #10, 1 #10 GND, 1/2" GRS (INSTALL ON RAILING SYSTEM)

ELECTRICAL LEGEND

- ⊙ - S1 LIGHT POLE, SPECIAL 12' (GLOBE LED FIXTURE)
- ◻ - S2 LIGHT POLE, SPECIAL 12' (SHOEBOX LED FIXTURE)
- ◻ - S4 LIGHT FIXTURE
- ⊠ - EMERGENCY CALL BOX
- H - HANDHOLE
- J - JUNCTION BOX
- - MOUNTING PEDASTAL
- - UNDERGROUND ELECTRICAL



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 ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
 IOWA
 WISCONSIN

OWNER/DEVELOPER:

CITY OF DIXON
 121 WEST 2ND STREET
 DIXON, IL 61016

PROJECT AND LOCATION:

SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO MXY3(094)
 JOB C-92-024-19

DRAWN BY: AB/EDK
 APPROVED BY: DSJ
 DATE: 11/07/2022
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

SITE ELECTRICAL PLAN - AREA D1

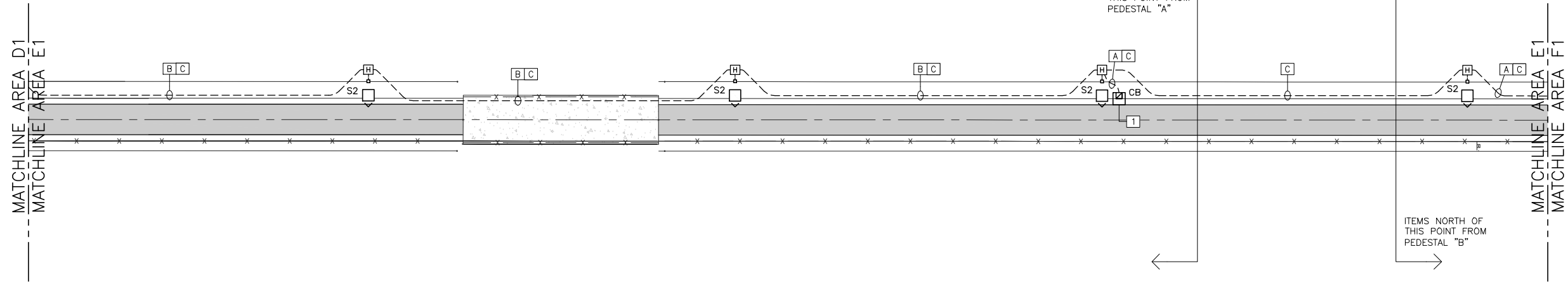
SET TYPE: FOR BID SET
 E4.0 SITE ELECTRICAL PLAN - AREA D1.dwg

JOB NUMBER:

17-067B

SHEET NUMBER:

E4.0



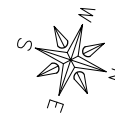
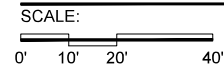
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3. ALL ABOVE GROUND RACEWAYS SHALL BE GALVANIZED RIGID STEEL (GRS).

KEYED NOTES:

- 1 EMERGENCY CALL BOX. SEE DETAIL 3/E12.0.

SITE ELECTRICAL PLAN - AREA E1

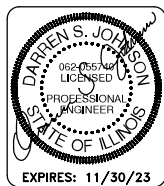
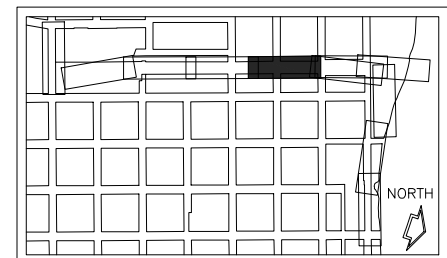


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ELECTRICAL LEGEND

- ⊙ - S1 LIGHT POLE, SPECIAL 12' (GLOBE LED FIXTURE)
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- ⊞ - JUNCTION BOX
- - MOUNTING PEDASTAL
- - UNDERGROUND ELECTRICAL



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ILLINOIS
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OWNER/DEVELOPER:

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121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:

SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO MXY3(094)
JOB C-92-024-19

DRAWN BY: AB/EDK
APPROVED BY: DSJ
DATE: 11/07/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

SITE ELECTRICAL PLAN - AREA E1

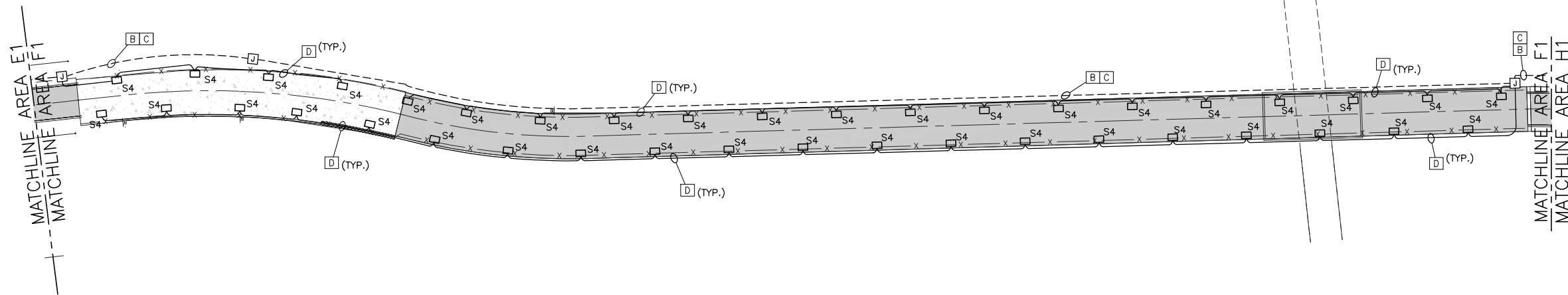
SET TYPE: FOR BID SET
E5.0 SITE ELECTRICAL PLAN - AREA E1.dwg

JOB NUMBER:

17-067B

SHEET NUMBER:

E5.0



GENERAL NOTES:

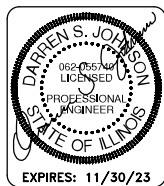
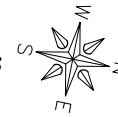
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- D = 2 #10, 1 #10 GND, 1/2" GRS (INSTALL ON RAILING SYSTEM)

SITE ELECTRICAL PLAN - AREA F1

SCALE: 1" = 20'-0"

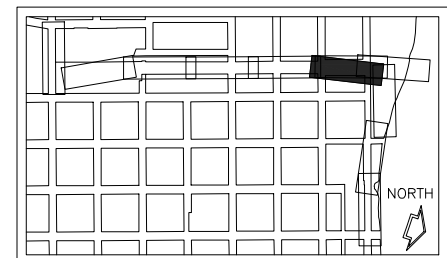


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ELECTRICAL LEGEND

- ⊙ - S1 LIGHT POLE, SPECIAL 12' (GLOBE LED FIXTURE)
- ◻ - S2 LIGHT POLE, SPECIAL 12' (SHOEBOX LED FIXTURE)
- - S4 LIGHT FIXTURE
- ⊞ - EMERGENCY CALL BOX
- ⊞ - HANDHOLE
- ⊞ - JUNCTION BOX
- - MOUNTING PEDASTAL
- - UNDERGROUND ELECTRICAL



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OWNER/DEVELOPER:

CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:

SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO MXY3(094)
JOB C-92-024-19

DRAWN BY: AB/EDK
APPROVED BY: DSJ
DATE: 11/07/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

SITE ELECTRICAL PLAN - AREA F1

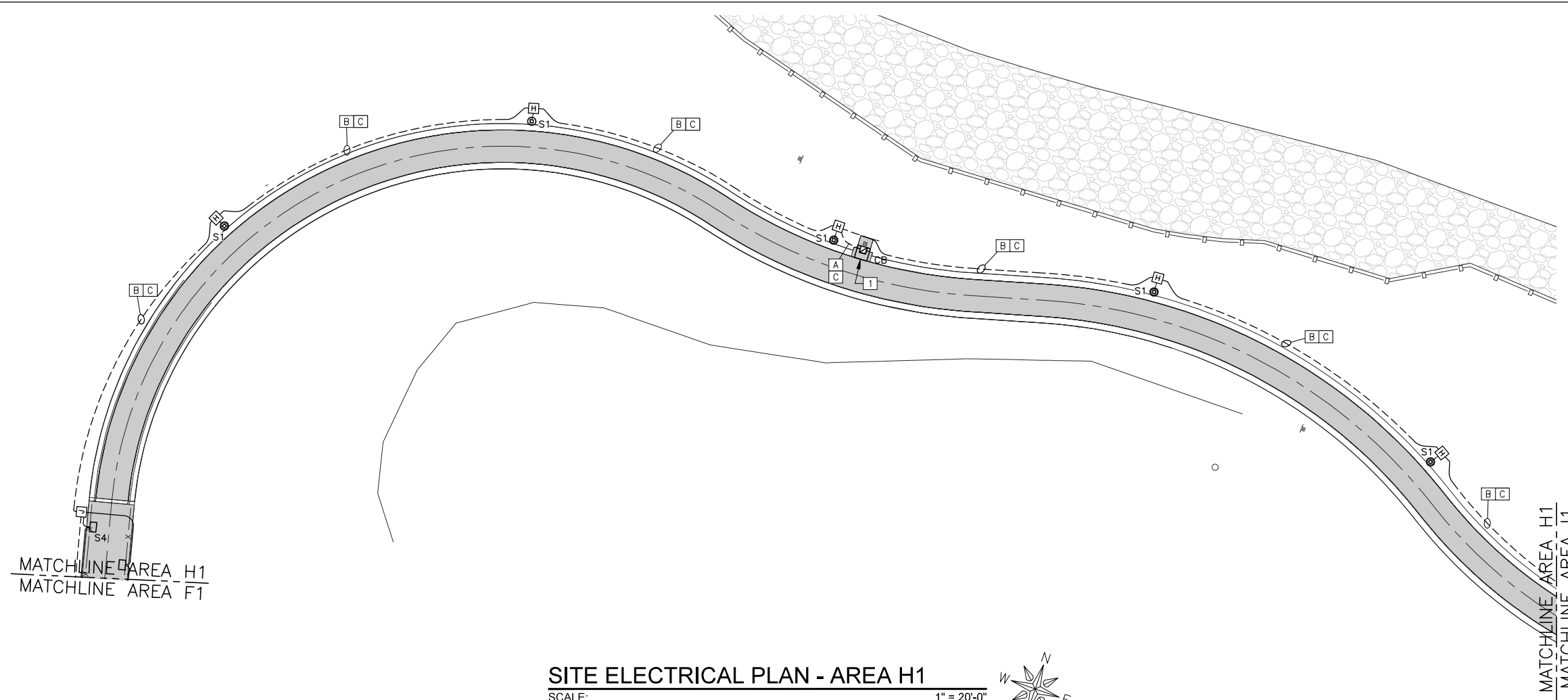
SET TYPE: FOR BID SET
E6.0 SITE ELECTRICAL PLAN - AREA F1.dwg

JOB NUMBER:

17-067B

SHEET NUMBER:

E6.0



- GENERAL NOTES:**
1. EACH CAMERA AND EACH VOIP EMERGENCY PHONE SHALL BE SERVED BY A SINGLE FIBER OUT OF THE MULTI STRAND CABLE. (TWO FIBERS REQUIRED FOR EACH EMERGENCY CALL STATION.)
 2. ALL UNDERGROUND RACEWAYS SHALL BE SCHEDULE 40 PVC.
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KEYED NOTES:

1 EMERGENCY CALL BOX. SEE DETAIL 3/E12.0.

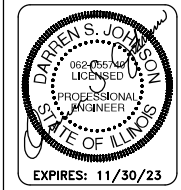
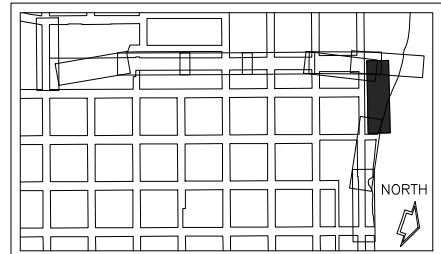
- CONDUIT/CABLE LEGEND:**
- A = 2 #8, 1 #8 GND, 1-1/4" SCH 40 PVC
 - B = 4 #8, 1 #8 GND, 1-1/4" SCH 40 PVC
 - C = 4 STRAND FIBER, 1-1/4" SCH 40 PVC
 - D = 2 #10, 1 #10 GND, 1/2" GRS (INSTALL ON RAILING SYSTEM)

SITE ELECTRICAL PLAN - AREA H1
 SCALE: 1" = 20'-0"
 0' 10' 20' 40'



ELECTRICAL LEGEND

- ⊙ - S1 LIGHT POLE, SPECIAL 12' (GLOBE LED FIXTURE)
- ◻ - S2 LIGHT POLE, SPECIAL 12' (SHOEBOX LED FIXTURE)
- ◻ - S4 LIGHT FIXTURE
- ⊠ - EMERGENCY CALL BOX
- ⊞ - HANDHOLE
- ⊞ - JUNCTION BOX
- ◻ - MOUNTING PEDASTAL
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 PLOT DATE: 11/15/22 © 2022 FEHR GRAHAM

ILLINOIS
 IOWA
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OWNER/DEVELOPER:
 CITY OF DIXON
 121 WEST 2ND STREET
 DIXON, IL 61016

PROJECT AND LOCATION:
 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO MXY3(094)
 JOB C-92-024-19

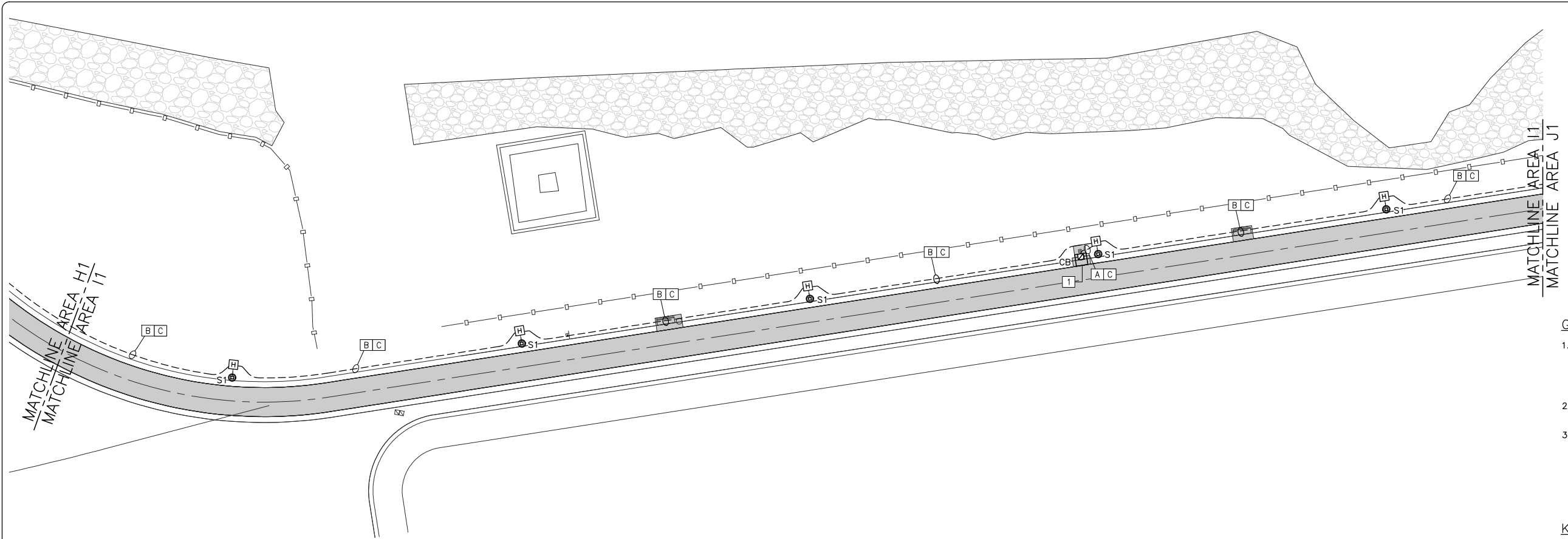
DRAWN BY: AB/EDK
 APPROVED BY: DSJ
 DATE: 11/07/2022
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 SITE ELECTRICAL PLAN - AREA H1
 SET TYPE: FOR BID SET
 E7.0 SITE ELECTRICAL PLAN - AREA H1.dwg

JOB NUMBER:
 17-067B

SHEET NUMBER:
 E7.0



- GENERAL NOTES:**
1. EACH CAMERA AND EACH VOIP EMERGENCY PHONE SHALL BE SERVED BY A SINGLE FIBER OUT OF THE MULTI STRAND CABLE. (TWO FIBERS REQUIRED FOR EACH EMERGENCY CALL STATION.)
 2. ALL UNDERGROUND RACEWAYS SHALL BE SCHEDULE 40 PVC.
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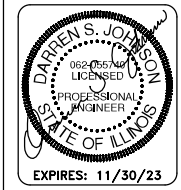
- KEYED NOTES:**
- [I] EMERGENCY CALL BOX. SEE DETAIL 3/E12.0.

- CONDUIT/CABLE LEGEND:**
- [A] = 2 #8, 1 #8 GND, 1-1/4" SCH 40 PVC
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 - [D] = 2 #10, 1 #10 GND, 1/2" GRS (INSTALL ON RAILING SYSTEM)

SITE ELECTRICAL PLAN - AREA I1
 SCALE: 1" = 20'-0"
 0' 10' 20' 40'

ELECTRICAL LEGEND

- ⊙ - S1 LIGHT POLE, SPECIAL 12' (GLOBE LED FIXTURE)
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OWNER/DEVELOPER:
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PROJECT AND LOCATION:
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 SEC 17-00178-00-BT
 PROJECT NO MXY3(094)
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DRAWN BY: AB/EDK
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 SCALE: AS NOTED

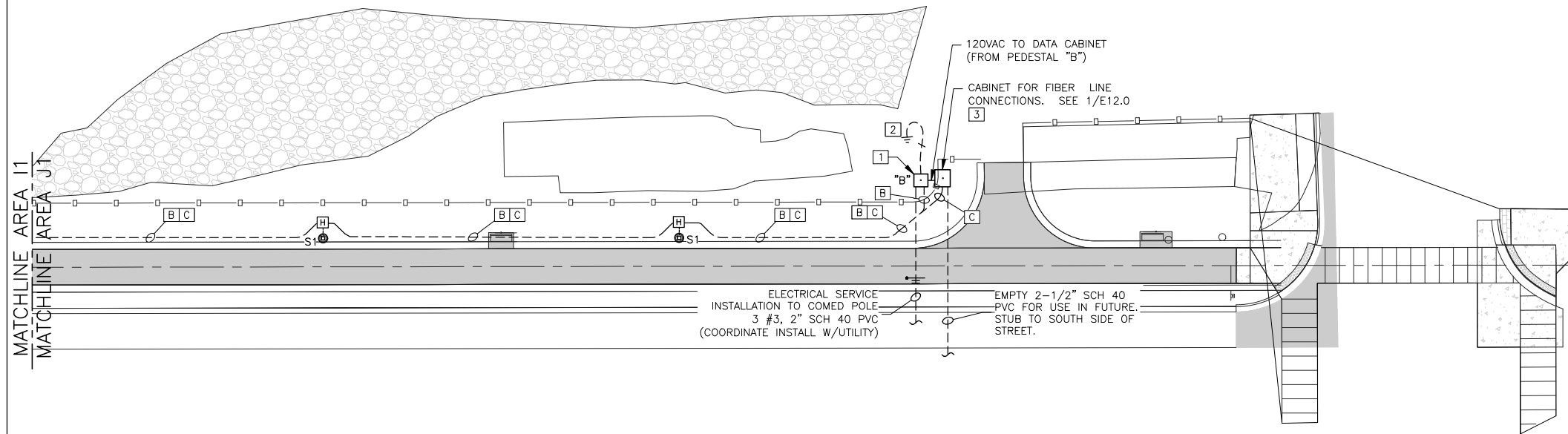
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 SITE ELECTRICAL PLAN - AREA I1

SET TYPE: FOR BID SET
 E8.0 SITE ELECTRICAL PLAN - AREA I1.dwg

JOB NUMBER:
 17-067B

SHEET NUMBER:
 E8.0



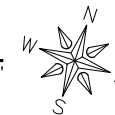
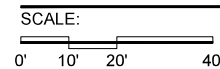
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KEYED NOTES:

- 1 POWER PEDESTAL "B". SEE DETAILS 1&2/E11.0
- 2 #4 BARE GROUND (CU) TO (2) 5/8"x8 FT CU ROD.
- 3 AT THIS LOCATION, INCOMING PHONE/DATA IS CONVERTED TO ETHERNET THEN TO FIBER (MULTI MODE) FOR RUN TO SOUTH. PROVIDE ALL EQUIPMENT FOR CONVERSION OF VOIP EMERGENCY CALL PHONES AND CAMERAS FROM FIBER TO DATA ETHERNET. SEE DETAIL 2/E12.0.

SITE ELECTRICAL PLAN - AREA J1

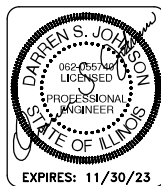
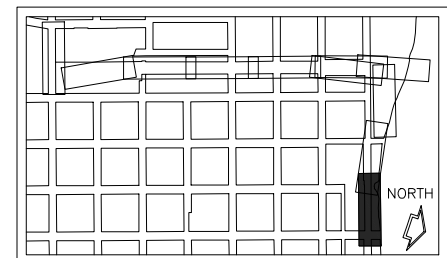


CONDUIT/CABLE LEGEND:

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DRAWN BY: AB/EDK
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DATE: 11/07/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

SITE ELECTRICAL PLAN - AREA J1

SET TYPE: FOR BID SET
E9.0 SITE ELECTRICAL PLAN - AREA J1.dwg

JOB NUMBER:

17-067B

SHEET NUMBER:

E9.0

PANELBOARD SCHEDULE

PANEL: A1 RATING (AIC): 10,000 TYPE: BOLT-ON
 VOLTAGE: 120/240 BUS: 100A NEMA: 1 INTERNAL TO 3R
 PHASE: 1 -WIRE: 3 MAIN: 100A BREAKER MOUNT: ENCLOSURE
 NOTE: FEED: PER MANUFACTURER LOCATION: SERVICE PEDESTAL

DESCRIPTION	WIRE SIZE	WATTS	BRKR	PKT	BUS CONN	CT NO	BRKR	WATTS	WIRE SIZE	DESCRIPTION
DATA CABINET	12	500	20	1	1	2	1	20	-	SPARE
EMERG CALL UNITS	8	750	20	1	3	4	1	20	-	SPARE
						5	1	20	-	SPARE
						6	1	20	-	SPARE
						7				
						8				
						9				
						10				
						11				
						12				
						13				
						14				
						15				
						16				

WATTS: BUS A: 500
 BUS B: 750
 TOTAL: 1250
 POWER FACTOR: 1.0
 AMPS: 5.0

X = GFCI
 O = ARC FAULT
 + = SHUNT TRIP
 ◇ = HANDLE LOCK

* INTEGRAL TO MILBANK PEDESTAL

PANELBOARD SCHEDULE

PANEL: B1 RATING (AIC): 10,000 TYPE: BOLT-ON
 VOLTAGE: 120/240 BUS: 100A NEMA: 1 INTERNAL TO 3R
 PHASE: 1 -WIRE: 3 MAIN: 100A BREAKER MOUNT: ENCLOSURE
 NOTE: FEED: PER MANUFACTURER LOCATION: SERVICE PEDESTAL

DESCRIPTION	WIRE SIZE	WATTS	BRKR	PKT	BUS CONN	CT NO	BRKR	WATTS	WIRE SIZE	DESCRIPTION
DATA CABINET	12	500	20	1	1	2	1	20	-	SPARE
EMERG CALL UNITS	8	450	20	1	3	4	1	20	-	SPARE
						5	1	20	-	SPARE
						6	1	20	-	SPARE
						7				
						8				
						9				
						10				
						11				
						12				
						13				
						14				
						15				
						16				

WATTS: BUS A: 500
 BUS B: 450
 TOTAL: 950
 POWER FACTOR: 1.0
 AMPS: 4.0

X = GFCI
 O = ARC FAULT
 + = SHUNT TRIP
 ◇ = HANDLE LOCK

* INTEGRAL TO MILBANK PEDESTAL

PANELBOARD SCHEDULE

PANEL: A2 RATING (AIC): 10,000 TYPE: BOLT-ON
 VOLTAGE: 120/240 BUS: 100A NEMA: 1 INTERNAL TO 3R
 PHASE: 1 -WIRE: 3 MAIN: MLO MOUNT: ENCLOSURE
 NOTE: CONTACTOR CONTROLLED FEED: PER MANUFACTURER LOCATION: SERVICE PEDESTAL

DESCRIPTION	WIRE SIZE	WATTS	BRKR	PKT	BUS CONN	CT NO	BRKR	WATTS	WIRE SIZE	DESCRIPTION
LIGHTS	8	400	20	2	3	4	2	20	---	SPARE
						5				
						6				
						7				
						8				
						9				
						10				
						11				
						12				
						13				
						14				
						15				
						16				

WATTS: BUS A: 400
 BUS B: 400
 TOTAL: 800
 POWER FACTOR: 1.0
 AMPS: 3.3

100A CONTACTOR

X = GFCI
 O = ARC FAULT
 + = SHUNT TRIP
 ◇ = HANDLE LOCK

* INTEGRAL TO MILBANK PEDESTAL

PANELBOARD SCHEDULE

PANEL: B2 RATING (AIC): 10,000 TYPE: BOLT-ON
 VOLTAGE: 120/240 BUS: 100A NEMA: 1 INTERNAL TO 3R
 PHASE: 1 -WIRE: 3 MAIN: MLO MOUNT: ENCLOSURE
 NOTE: CONTACTOR CONTROLLED FEED: PER MANUFACTURER LOCATION: SERVICE PEDESTAL

DESCRIPTION	WIRE SIZE	WATTS	BRKR	PKT	BUS CONN	CT NO	BRKR	WATTS	WIRE SIZE	DESCRIPTION
LIGHTS	8	800	20	2	3	4	2	20	---	SPARE
						5				
						6				
						7				
						8				
						9				
						10				
						11				
						12				
						13				
						14				
						15				
						16				

WATTS: BUS A: 800
 BUS B: 800
 TOTAL: 1600
 POWER FACTOR: 1.0
 AMPS: 6.6

100A CONTACTOR

X = GFCI
 O = ARC FAULT
 + = SHUNT TRIP
 ◇ = HANDLE LOCK

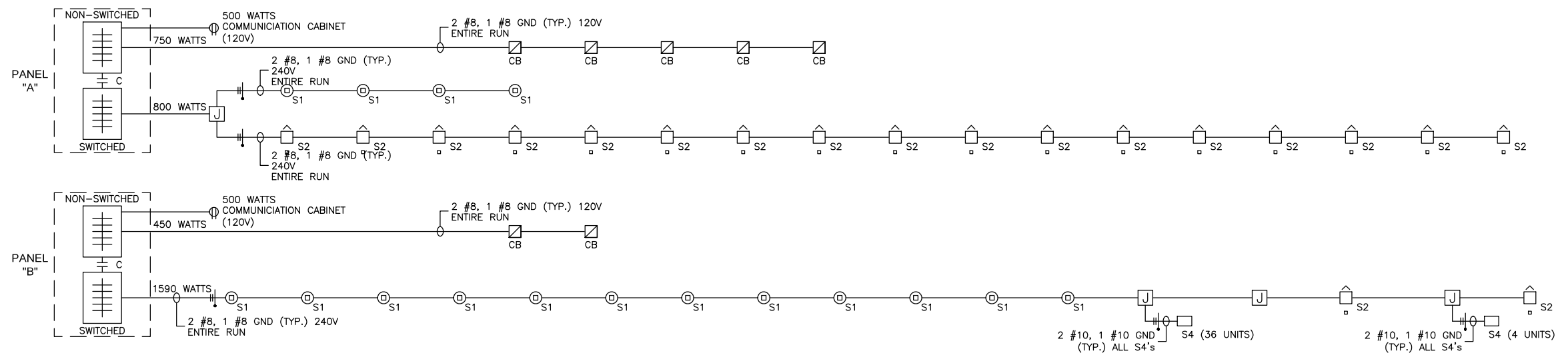
* INTEGRAL TO MILBANK PEDESTAL

LIGHTING FIXTURE SCHEDULE

Label	Catalog Number	Description	Lamp	Voltage	Mount	Watts	Notes
S1	HADCO: #RL34-B-A-N-1-J-S-N-W-A-3-SP1 (NO EQUAL)	VICTORIAN STYLE DECORATIVE POST TOP LED GLOBED POLE FIXTURE. 12' POLE. GREEN 3000K COLOR TEMP. 350mA DRIVE CURRENT. TYPE 3 WIDE OPTICS.	LED 7620 LUMEN	240	POLE MOUNT, 12FT GREEN, FLUTED DECORATIVE POLE: #P2065-12-J	69	3000K COLOR TEMP.
S2	GARDCO: #P26-140L-450-WW-G2-2-24A-RPA-BK (NO EQUAL)	SITE LED POLE TOP LUMINAIRE. COMFORT OPTICS, 3000K COLOR TEMP. BLACK. 650mA DRIVE CURRENT. TYPE 2 DISTRIBUTION.	LED 3200 LUMEN	240	POLE MOUNT, 12FT BLACK, ROUND STRAIGHT STEEL: #RA4-CB-12-D1-BLP	31	3000K COLOR TEMP.
S3	NOT USED						
S4	TBD	LED LOW PROFILE ALUMINUM FULL CUTOFF STEP LIGHT. BLACK, MARINE GRADE UNDERCOAT. 3000K COLOR TEMP.	LED 775 LUMEN	240	SURFACE MOUNT TO RAIL.	11	3000K COLOR TEMP.

ELECTRICAL LEGEND

- ⊙ - S1 LIGHT POLE, SPECIAL 12' (GLOBE LED FIXTURE)
 - ⊡ - S2 LIGHT POLE, SPECIAL 12' (SHOEBOX LED FIXTURE)
 - - S4 LIGHT FIXTURE
 - ⊞ - EMERGENCY CALL BOX
 - ⊞ - HANDHOLE
 - ⊞ - JUNCTION BOX
 - ⊞ - MOUNTING PEDESTAL
 -
- UNDERGROUND ELECTRICAL



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 ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
 IOWA
 WISCONSIN

OWNER/DEVELOPER:
 CITY OF DIXON
 121 WEST 2ND STREET
 DIXON, IL 61016

PROJECT AND LOCATION:
 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO MXY3(094)
 JOB C-92-024-19

DRAWN BY: AB/EDK
 APPROVED BY: DSJ
 DATE: 11/07/2022
 SCALE: AS NOTED

REVISIONS

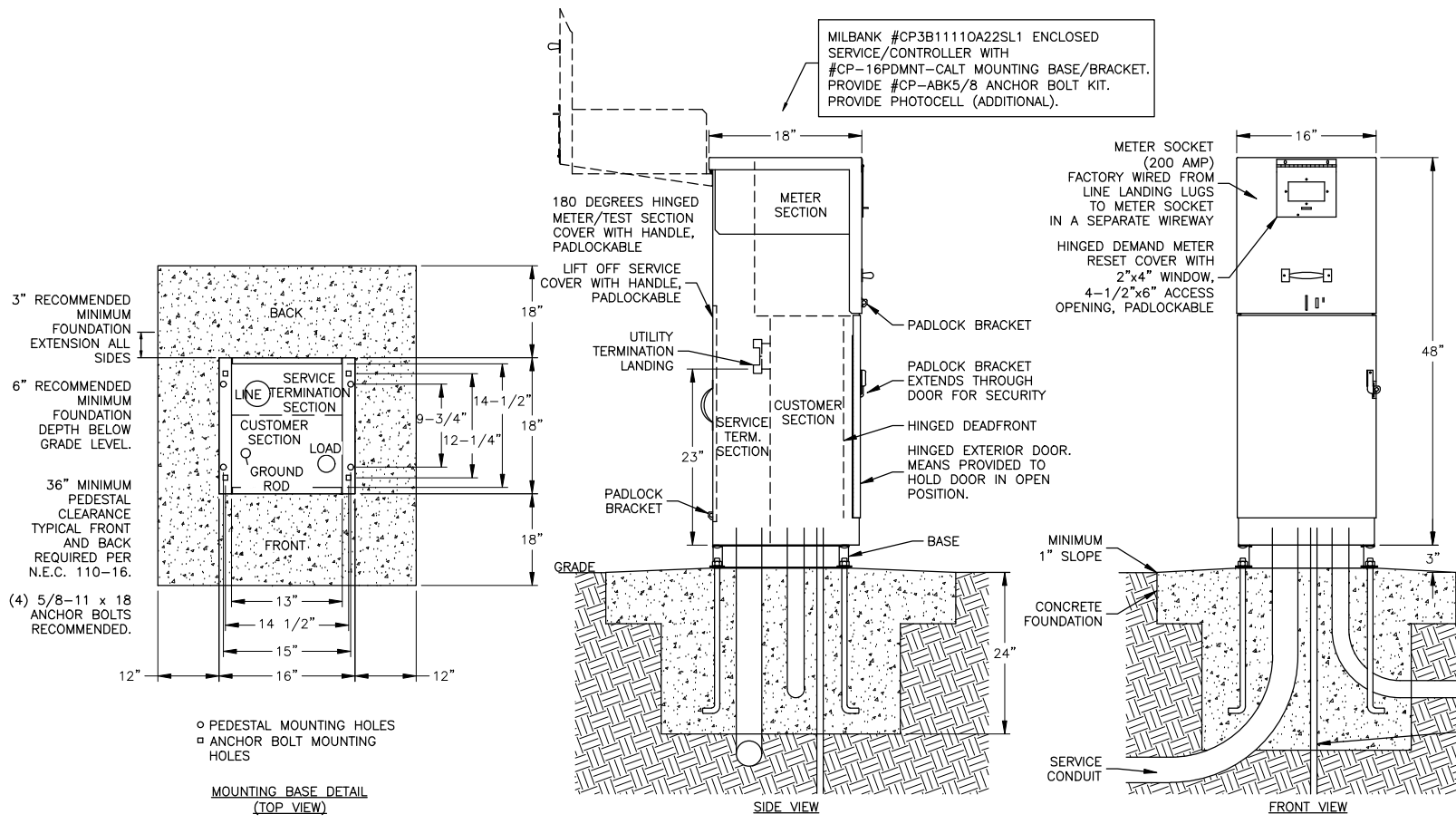
REV. NO.	DESCRIPTION	DATE

DRAWING:
 ELECTRICAL SCHEDULES AND LEGEND

SET TYPE: FOR BID SET
 E10.0 ELECTRICAL SCHEDULES AND LEGEND.dwg

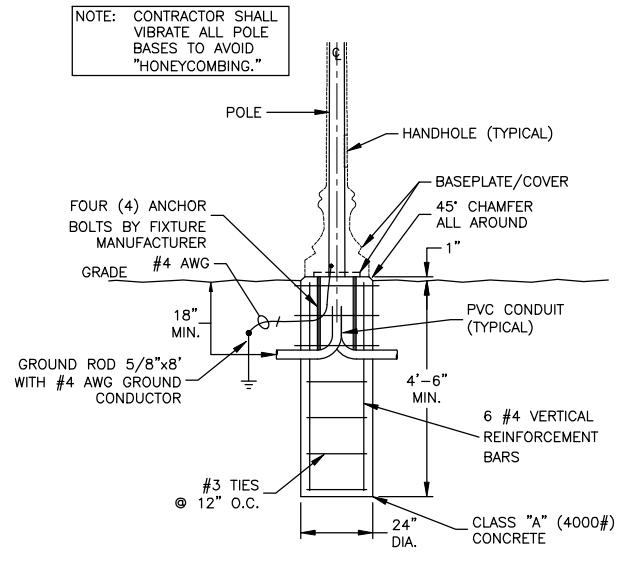
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 17-067B

SHEET NUMBER:
 E10.0

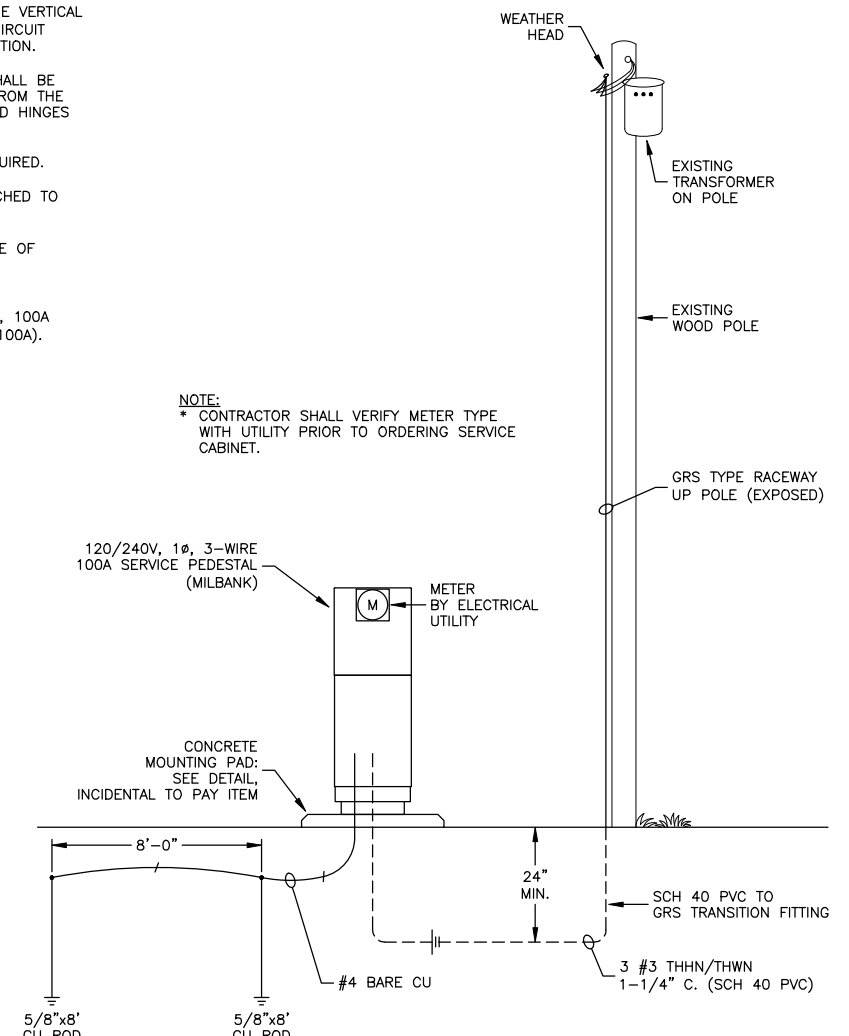


1 POWER PEDESTAL "A" & "B" DETAIL
SCALE: NTS

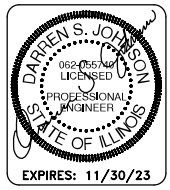
- GENERAL NOTES:**
- CONTROL CABINET SHALL BE U.L. LISTED "INDUSTRIAL CONTROL PANEL" PER U.L. 508.
 - CONSTRUCTION SHALL BE NEMA 3R.
 - VOLTAGE RATINGS OF SERVICE EQUIPMENT SHALL CONFORM TO THE SERVICE VOLTAGES INDICATED ON THE PLANS. 120/240V, 1Ø, 3W.
 - SERVICE EQUIPMENT ENCLOSURE AND METERING EQUIPMENT SHALL MEET THE REQUIREMENTS OF THE SERVING UTILITY.
 - SERVICE EQUIPMENT SHALL BE FACTORY WIRED AND CONFORM TO NEMA STANDARDS.
 - THE EXTERIOR DOOR SHALL HAVE PROVISIONS FOR PADLOCKING. THE PADLOCK HOLE SHALL BE A MINIMUM DIAMETER OF 11mm.
 - ALL TERMINALS FOR INCOMING SERVICE CONDUCTORS SHALL BE COMPATIBLE WITH EITHER COPPER OR ALUMINUM CONDUCTORS SIZED TO SUIT THE CONDUCTORS SHOWN ON THE PLAN. TERMINAL LUGS SHALL BE COPPER OR TIN-PLATED ALUMINUM. SOLID NEUTRAL TERMINAL STRIP SHALL BE RATED 200A UNLESS OTHERWISE SPECIFIED AND FOR USE WITH COPPER OR ALUMINUM CONDUCTORS. THE TERMINAL SHOULD INCLUDE BUT NOT BE LIMITED TO:
 - INCOMING TERMINALS (LANDING LUGS)
 - NEUTRAL LUGS
 - SOLID NEUTRAL TERMINAL STRIP
 - TERMINAL STRIPS FOR CONDUCTORS WITHIN THE ENCLOSURE
 - AT LEAST 6 STANDARD SINGLE POLE CIRCUIT BREAKER SPACES (20mm NOMINAL) SHALL BE PROVIDED FOR BRANCH CIRCUITS. CIRCUIT BREAKER INTERIORS SHALL BE COPPER. INTERIORS SHALL ACCEPT BOLT-ON OR CABLE-IN/CABLE-OUT CIRCUIT BREAKERS.
 - BOLT-ON CIRCUIT BREAKERS MAY BE MOUNTED IN THE VERTICAL OR HORIZONTAL POSITION. CABLE-IN/ CABLE-OUT CIRCUIT BREAKERS SHALL BE MOUNTED IN THE VERTICAL POSITION.
 - FASTENERS ON THE EXTERIOR OF THE ENCLOSURE SHALL BE VANDAL RESISTANT AND SHALL NOT BE REMOVABLE FROM THE EXTERIOR. ALL NUTS, BOLTS, SCREWS, WASHERS, AND HINGES SHALL BE STAINLESS STEEL.
 - PHENOLIC NAME PLATES SHALL BE PROVIDED AS REQUIRED.
 - A PLASTIC COVERED WIRING DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
 - FOUNDATION SHALL EXTEND 3" MINIMUM BEYOND EDGE OF ENCLOSURE.
 - FIRST 16 CIRCUIT, 100A BRANCH PANEL SHALL BE NON-SWITCHED (RECEPTACLES). SECOND 16 CIRCUIT, 100A BRANCH PANEL SHALL BE CONTACTOR CONTROLLED (100A). CONTROL WITH PHOTOCELL (ON).



3 LIGHT POLE FOUNDATION, SPECIAL DETAIL (S1 & S2)
SCALE: NTS



2 ELECTRICAL SERVICE INSTALLATION DETAIL
SCALE: NTS



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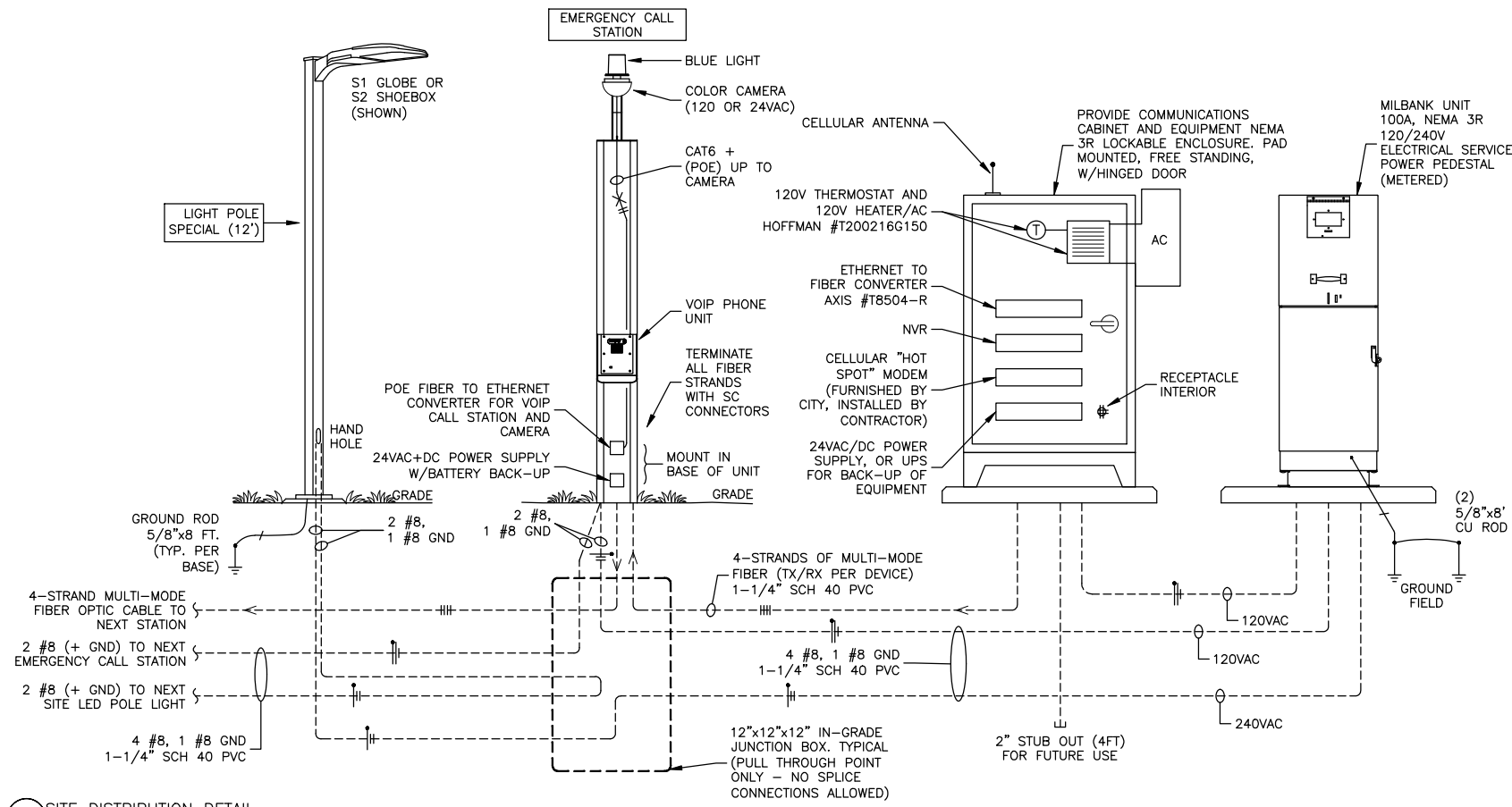
PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO MXY3(094)
JOB C-92-024-19

DRAWN BY: AB/EDK
APPROVED BY: DSJ
DATE: 11/07/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

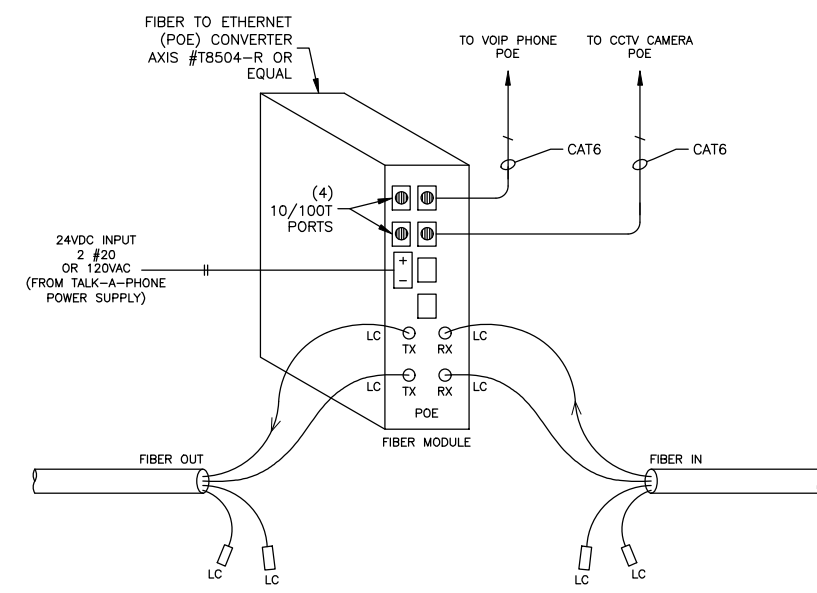
DRAWING:
ELECTRICAL DETAILS
SET TYPE: FOR BID SET
E11.0 ELECTRICAL DETAILS.dwg

JOB NUMBER:
17-067B
SHEET NUMBER:
E11.0



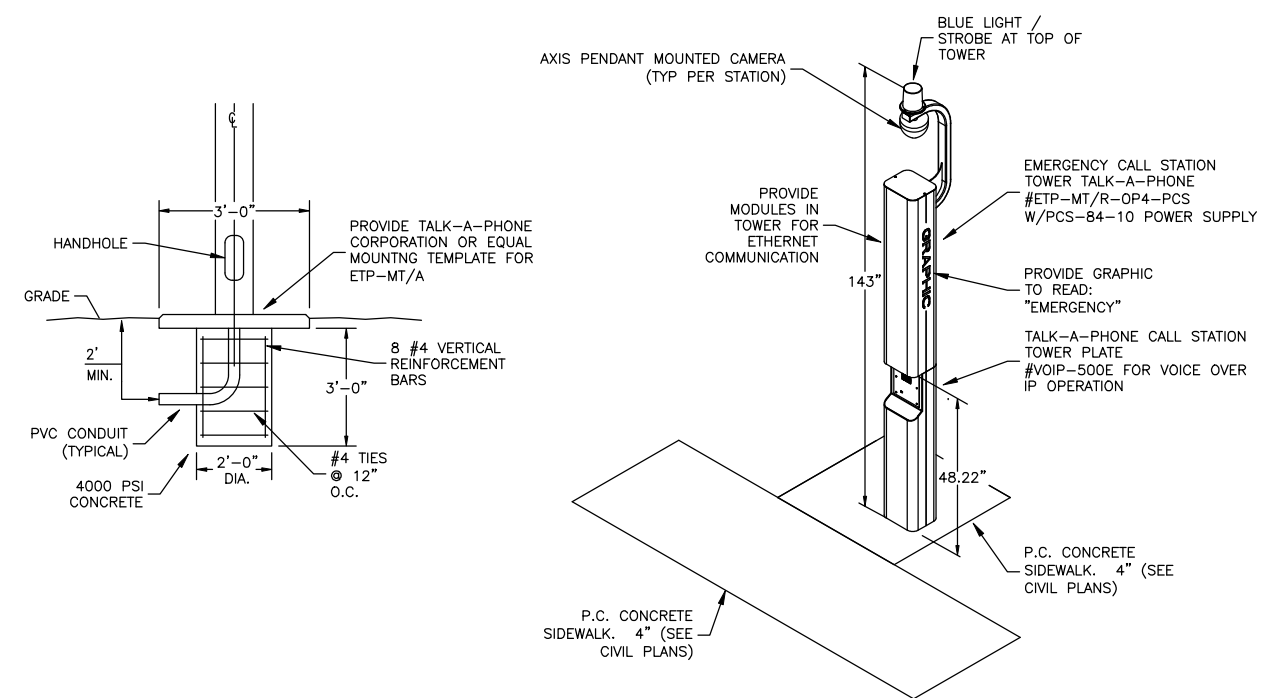
1 SITE DISTRIBUTION DETAIL
SCALE:

NTS

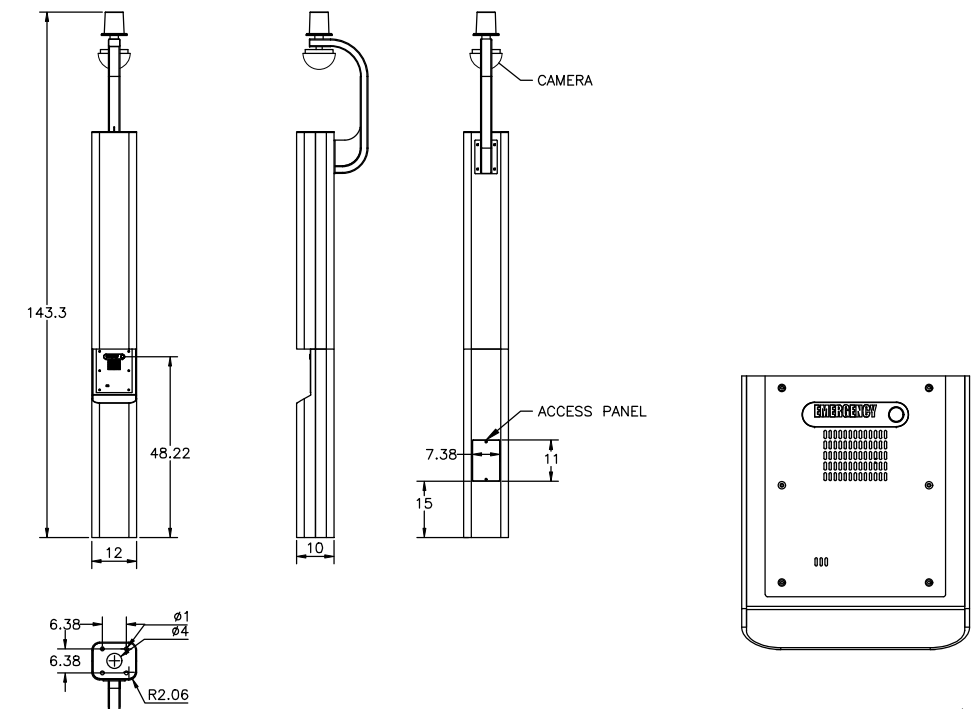


2 FIBER MODULE TERMINATION AT STATION DETAIL
SCALE:

NTS

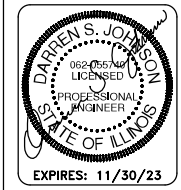


3 EMERGENCY CALL BOXES
SCALE:



4 DETAIL: TALK-A-PHONE (OR EQUAL) CALL STATION TOWER PLATE
SCALE:

NTS



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PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
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JOB C-92-024-19

DRAWN BY: AB/EDK
APPROVED BY: DSJ
DATE: 11/07/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
ELECTRICAL DETAILS

SET TYPE: FOR BID SET
E12.0 ELECTRICAL DETAILS.dwg

JOB NUMBER:
17-067B

SHEET NUMBER:
E12.0

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ILLINOIS DESIGN FIRM NO. 184-003525

PLOT DATE: 11/15/22 © 2022 FEHR GRAHAM

CONTRACT NO. 85700

SHEET 78 of 96

PROVIDE THE FOLLOWING VIDEO SOLUTION: JOHNSON CONTROLS INC (BASIS OF DESIGN)

CPU VIEWING
 WORKSTATION: BCD VIDEO
 (1) #BCDSF01-ELWS
 COMPUTER, I5CPU, WINDOWS 10, 16GB RAM, 256GB SSD HD, 2GB NVIDIA P600 VIDEO CARD

HEAD END
 NETWORK VIDEO RECORDER (NVR): BCD VIDEO
 (1) #BCD-HES02-IS/17-BRJ
 16GB RAM, WINDOWS 10, 2GB NVIDIA P600 VIDEO CARD
 8TB MEMORY-HARDENED ENVIRONMENT. PROVIDE 27" LED MONITOR, KEYBOARD & MOUSE

CAMERA:
 (7) AXIS COMMUNICATIONS #M4308-PL
 64MB SD CARD, 360 DEGREE PENDANT MOUNT, POE TYPE, 12 MEGPIX, INTEGRAL AUDIO

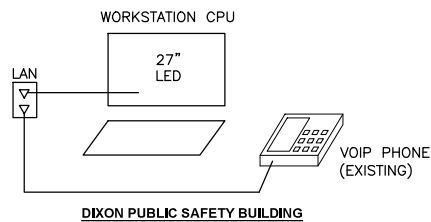
FIBER TO ETHERNET MODULES:
 (8) AXIS COMMUNICATIONS #T8504-R

CONTACT:
 MR. KENNETH BONNER (SALES)
 PH: 630-234-8014
 EMAIL: KENNETH.BONNER@JCI.COM

NVR COMMUNICATES BACK TO PUBLIC SAFETY BUILDING THROUGH THE CELLULAR "HOT SPOT" MODULE.

CLIENT SOFTWARE SHALL BE INSTALLED ON NEW VIDEO VIEWING CPU FOR CONNECTION TO NVR.

OWNER TO PROVIDE DATA JACK AT DESK LOCATION.



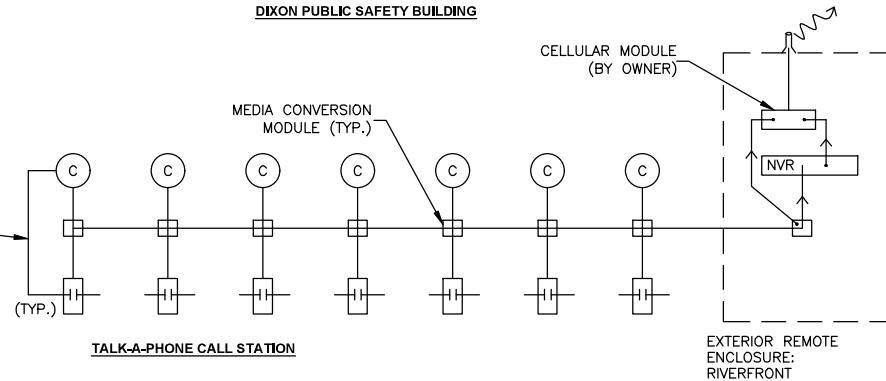
CONTACT:
 MR. TIM GARRETT (SALES)
 PH: 773-849-5454
 EMAIL: TGARRETT@TALKAPHONE.COM

PROVIDE THE FOLLOWING EMERGENCY CALL SYSTEM SOLUTION: TALK-A-PHONE LLC (BASIS OF DESIGN)

(7) TALK-A-PHONE "BLUE LIGHT" EMERGENCY CALL UNIT (TOWER)

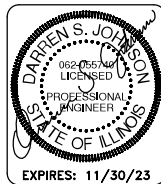
- (1) #ETP-MT/R-OP4-PCS
#PCS-84-10 POWER SUPPLY
- (1) #VOIP-500E
- INTERCOMS TO PHONE INTO OWNER EXISTING VOIP SYSTEM AT CONSTANTLY ATTENDED LOCATION.
- UNIT SHALL COMMUNICATE OVER THE AXIS FIBER TO ETHERNET MODULES. COORDINATE SYSTEMS INTEGRATION.
- CALL INTERCOM SHALL PROVIDE A NORMALLY OPEN DRY CONTACT FOR INTEGRATION TO CAMERA ALARM INPUT. (SEE ABOVE)
- POWER SUPPLY SHALL PROVIDE 2 HRS OF BATTERY BACKUP TO ETHERNET MODULE AND INTERCOM SYSTEM. POWER SUPPLY ALSO SUPPORTS CAMERA.
- UPS IN HEAD-END COMMUNICATIONS CABINET SUPPORTS COMMUNICATIONS OVER CELLULAR.

EACH CAMERA AT EACH EMERGENCY CALL STATION SHALL RECEIVE A 2/C ALARM CONNECTION INPUT. WHEN CALL BUTTON IS PRESSED, CAMERA SHALL RECORD 10 MIN OF AUDIO AND FULL MOTION VIDEO TO ITS ON-BOARD LOCAL MEMORY AS WELL AS AT NVR (3F/SEC.)



1 EMERGENCY CALL AND VIDEO SYSTEM SOLUTION
 SCALE:

NTS



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 121 WEST 2ND STREET
 DIXON, IL 61016

PROJECT AND LOCATION:
 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO MXY3(094)
 JOB C-92-024-19

DRAWN BY: AB/EDK
 APPROVED BY: DSJ
 DATE: 11/07/2022
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 ELECTRICAL DETAILS

SET TYPE: FOR BID SET
 E13.0 ELECTRICAL DETAILS.dwg

JOB NUMBER:
 17-067B

SHEET NUMBER:
 E13.0



RL34/RL54 Refractive globe with Lumilock
LED engine GX4 **S1**
Post top

Project: _____
Location: _____
Cat No: _____
Type: _____
Lamp: _____ City: _____
Notes: _____

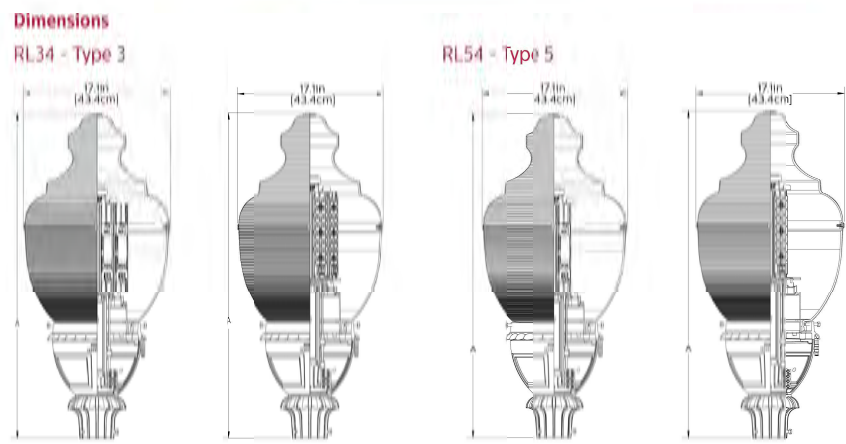
Whether you are looking to beautify or add a sense of security and well-being to your outdoor space, the highly configurable Hadco LED refractive post tops paired with the latest LumiLock light engine GX4 will definitely help you achieve your goals. A multitude of exterior luminaire styles allow you to create promenades and areas exuding timeless, historical charm both day and night. The configurable LED light engine GX4 is an ideal alternative to HID sources, providing you with significant energy savings, and more choices for light levels, optics and controls. Includes Service Tag, Hadco's innovative way to provide assistance throughout the life of the product.

Ordering guide example: RL34 A A B A 1 A 5 N R 7 W A 3 N N N S P 1

Series	Pod	Roof	Cage	Finial	Fastener	Finish	Optic	Post Photo Control
RL34	B	A	N	N	1	J	Optic	N
RL54	B	A	N	N	1	J	Optic	N

Future Proof Photo Control	Color Temp	Voltage	Drive Current	Integral Control Options	Option 1	Option 2	Option 3	Surge Protection
RP1 5 pin receptacle on the engine	W 3000K V 4000K	A 120-277 VAC B 347-480 VAC	2' 200mA 3 350mA 4 450mA 5' 530mA	Dynodimmer 44 DA 4 hrs 25% Reduction DB 4 hrs 50% Reduction DC 4 hrs 75% Reduction DD 6 hrs 25% Reduction DE 6 hrs 50% Reduction DF 6 hrs 75% Reduction DG 8 hrs 25% Reduction DH 8 hrs 50% Reduction DJ 8 hrs 75% Reduction DL 5 DALI ST FAWs switch N None	AST 1 Adjustable start up time N None	CLO 1 Constant light output N None	OTL 1 Over the life N None	SP1 10kV/10kA Surge Protector SP2 20kV/20kA Surge Protector

- 1 Not available with pod
- 2 Not available with roof
- 3 Use of photoelectric cell (pod photo control (B) only) or shunting cap is required to ensure proper illumination. When RL, RS, RP options are selected, product will ship with shunting caps installed.
- 4 Only available with A & B clear roof options. Not available with drive currents 4 or 5.
- 5 RL 34 or 54 with 5 optic only available with A roof
- 6 When SP2 option is selected, luminaire will be fitted with SP2 instead of SP1.
- 7 Not available with 0 347-480 voltage.
- 8 Not available with RS or RP.
- 9 FAWs not available with CLO.



Roof	Dimension W
A Victorian	17 in (43.4cm)
B Acorn	17 in (43.4cm)
C Tall	17 in (43.4cm)
D Short	17 in (43.4cm)
E Tall	17 in (43.4cm)
F Short	17 in (43.4cm)
G Tall	17 in (43.4cm)
H Short	17 in (43.4cm)
I Tall	17 in (43.4cm)
J Short	17 in (43.4cm)

EPA: 2.08 sq. ft. (Varies depending on options selected)
Weight: 55lbs (maximum)

Dimensions will vary when other pod, cage and trim options are specified. See specification text on pages 5 and 6 for option dimensions.

Housing Options

Filter/Pod Options

- A Octagonal
- B Round with Scalloped Petals
- H Round Contemporary
- L Round Fluted Long
- T Decorative Leaf w/ Scalloped Petals

Roof Options

- A Victorian
- B Acorn
- C Tall
- D Short
- E Tall
- F Short
- G Tall
- H Short
- I Tall
- J Short

Cage/Band Options

- B Cage for Wide Body Globe
- E Band for Wide Body Globe
- F Band for Wide Body Globe
- G Cage for Wide Body Globe
- I Cage for Wide Body Globe
- J Cage for Wide Body Globe

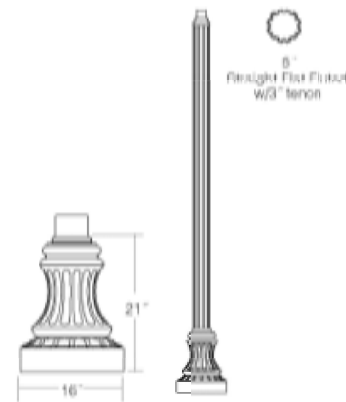
Finial Options

- A
- B
- C
- D
- E
- F
- G
- H

Project: _____
Location: _____
Cat No: _____
Type: _____
Lamp: _____ City: _____
Notes: _____

Ordering Guide
Example: P2065 10 A T D

Product Code	P2065
Pod Height	10' 12' 14' 16'
Finish	A Black B White C Verde G Bronze H Green
Outlet Location (Optional)	11 12' Down from Top - Aligned with House Side 12 4' Up from Top of Base - Aligned with House Side
Outlet Options (Optional)	D Standard Duplex G GFI Duplex



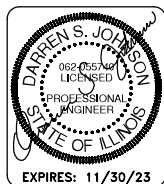
Specifications

HOUSING: 356 HM high-strength, low-copper, proprietary cast aluminum alloy - 6006-T6 extruded aluminum. Anchor rods are hot dipped galvanized steel. Tenon is 356 HM sand cast aluminum.

FINISH: A durable polyurethane enamel finish is applied after assemblies are shot blasted to create a surface profile which allows for the highest level of paint adhesion. Laboratory tested for superior weatherability and fade resistance in accordance with ASTM B-117.04 and ANSI/ASTM G53.77 specifications. For larger projects where a custom color is required, contact the factory for more information.

WARRANTY: Three-year limited warranty.

SUTLEY: Standard Duplex Outlet has universal metal weatherproof cover. Weatherproof while in use. Heavy-duty all-metal construction. Lockable security cover. Meets NEC 40E.9 (B). Weather resistant. GFI Duplex Outlet has dual-function indicator light, universal metal weatherproof cover. Weatherproof while in use. Heavy-duty all-metal construction. Lockable security cover. Meets NEC 40E.9 (B). Weather resistant.



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PROJECT AND LOCATION:
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SEC 17-00178-00-BT
PROJECT NO MXY3(094)
JOB C-92-024-19

DRAWN BY: AB/EDK
APPROVED BY: DSJ
DATE: 11/07/2022
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
LIGHT FIXTURE DATA SHEETS

SET TYPE: FOR BID SET
E14.0 LIGHT FIXTURE DATA SHEETS.dwg

JOB NUMBER:
17-067B

SHEET NUMBER:
E14.0



Gardco PureForm LED area medium comfort P26 features a sleek, low profile design. Comfort optics are designed to enhance visual comfort by reducing glare. Type 2, 3, and 5 optical distributions are available. A full range of control options provides additional energy savings.

Project: _____
Location: _____
Cat No: _____
Type: _____
City: _____
Notes: _____

Ordering guide

Code	Number of LEDs	Drive Method	LED Driver	Mounting	Application	Voltage
P26						
LED	Number of LEDs	Drive Method	LED Driver	Mounting	Application	Voltage
400	400mA	400	400mA	400	400	400V
650	650mA	650	650mA	650	650	650V
180	180mA	180	180mA	180	180	180V
1675	1675mA	1675	1675mA	1675	1675	1675V
2100	2100mA	2100	2100mA	2100	2100	2100V

Code	Color	Optical Distribution	Control Options	Mounting	Application	Voltage
WW-02	Warm White (3000K)	N/CRI Generation 2		AM	Acrylic Mount (Standard)	120, 208, 240, 277, 347, 480V
NW-02	Neutral White (4000K)	N/CRI Generation 2		AM	Acrylic Mount (Standard)	120, 208, 240, 277, 347, 480V
CW-02	Cool White (5000K)	N/CRI Generation 2		AM	Acrylic Mount (Standard)	120, 208, 240, 277, 347, 480V
WY-02	Warm Yellow (2700K)	80 CRI Generation 2		AM	Acrylic Mount (Standard)	120, 208, 240, 277, 347, 480V
NW-03	Neutral White (4000K)	80 CRI Generation 2		AM	Acrylic Mount (Standard)	120, 208, 240, 277, 347, 480V
AM-02	Acrylic Generation 2			AM	Acrylic Mount (Standard)	120, 208, 240, 277, 347, 480V

Code	Control Option	Photo Sensor	Photo Sensor	Photo Sensor	Photo Sensor	Photo Sensor
DD	0-10V External Dimming (compatible with others)	MRZ	Integrated with 82 lens	PCB	Photo control Button	FLS
FAWS	Field Adjustable Wattage Selector	MRZ	Integrated with 83 lens	TLRDS	Twist Lock Receptacle 5 Pin	FLS
SW	Interface module for SiteWise			TLRD7	Twist Lock Receptacle 7 Pin	FLS
LLC	Integral wireless module			TLRDC	Twist Lock Receptacle w/PhotoCell	FLS
BL	Bit-level functionality					FLS

Code	Finish	Color	Color	Color	Color	Color
BB	Black	WH	White	BZ	Bronze	DR
WH	White	BZ	Bronze	DR	Dark Gray	MG
BZ	Bronze	DR	Dark Gray	MG	Medium Gray	CC
DR	Dark Gray	MG	Medium Gray	CC	Custom color	
MG	Medium Gray	CC	Custom color			
CC	Custom color					

- Extended lead times apply. Contact factory for details.
- Mounts to a 4" CD round pole with adapter included for square poles.
- Limited to a maximum of 45 degrees above horizontal.
- Not available with other control options.
- Not available with motion sensor.
- Not available with photocell.
- Not available in 347 or 480V.
- Available only in 120 or 277V.
- Must specify input voltage.
- Must specify color temperature and CRI.
- Not available with DD, FAWS, BL, LLC or Dynalimner control options.
- Not available in 480V. Order photocell separately with TLRD7.
- Not available with SF and WS. RFA's provided with black finish standard.
- Not available in 2000A.
- Not available with DD, FAWS, BL, LLC or Dynalimner control options.
- Must specify a motion sensor lens.

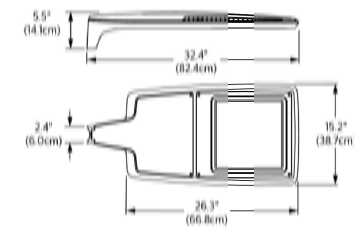


P26 PureForm LED medium
Area light with comfort optics

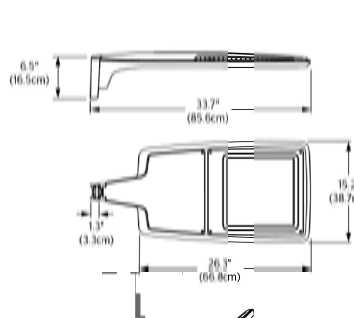
S2

Dimensions

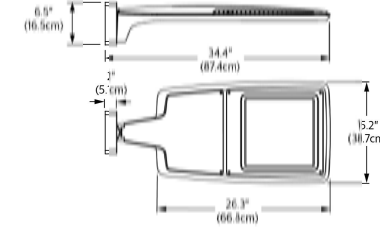
Standard Arm (AR)
Weight: 37 Lbs (17.4 Kg) ERA: 0.36H (0.036m)



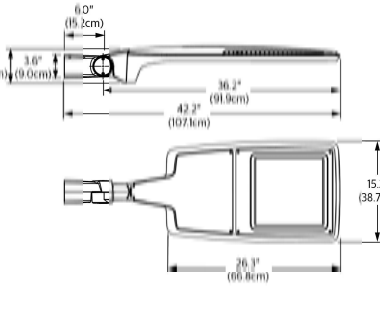
Retrofit Arm (RAM)
Weight: 38 Lbs (17.3 Kg) ERA: 0.38H (0.038m)



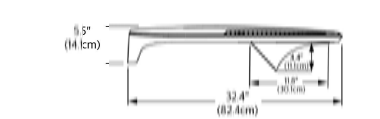
Wall (WS)
Weight: 30 Lbs (13.7 Kg) ERA: 0.30H (0.030m)



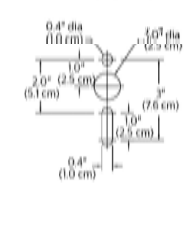
Slip Fitter (SF)
Weight: 30 Lbs (14.0 Kg) ERA: 0.38H (0.038m)



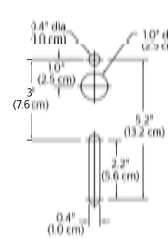
With External House Shield option (EHS)



Standard Arm (AR) drill pattern



Retrofit arm drill pattern



The Gardco RA straight aluminum pole consists of a one-piece round extruded aluminum lighting standard mounted to a cast aluminum base. The poles are finished with either Architectural Class I architectural or electrostatically applied thick polyester powdercoat.

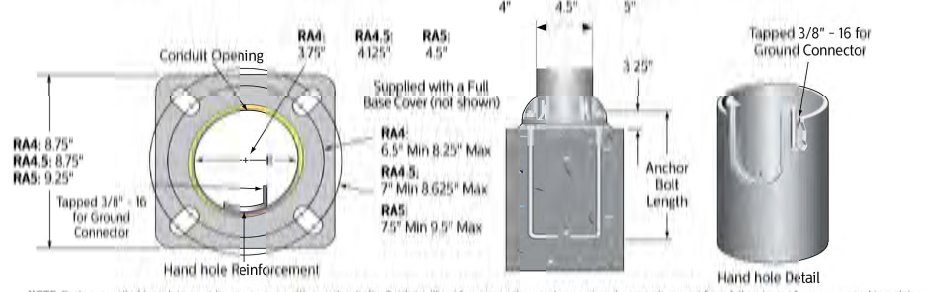
Project: _____
Location: _____
Cat No: _____
Type: _____
City: _____
Notes: _____

Ordering Guide

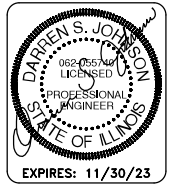
Base	Base Option Code	Height Code	Wind Factor Code	Drilling	Finish	Options
RAA	CB	10	D1	1 Way	BRP	BRP Bronze Paint
RAA		12	D2	2 Way	BLP	BLP Black Paint
RAA		15	D2@90	2 Way at 90°	WP	WP White Paint
RAA		15	D3	3 Way	NP	NP Natural Aluminum Paint
RAA		18	D3@120	3 Way at 120°	OC	OC Optional Color Paint (Specify RAL designation ex: OC-RAL7024)
RAA		20	D4	4 Way	SC	SC Special Color Paint (Specify. Must supply color chip.)
RAA		20	T2	2 3/8" OD Tenon		
RAA		20	T4	4" OD Tenon		

Code	Description	Code	Description
DR	Double Receptacle	DR	Double Receptacle
GFCI	Ground Fault Receptacle	GFCI	Ground Fault Receptacle
VDA	Vibration Damper	VDA	Vibration Damper
AHH	Additional Hand Hole	AHH	Additional Hand Hole
NI	Nipple - External Thread	NI	Nipple - External Thread
CL	Coupling - Internal Thread	CL	Coupling - Internal Thread
SM	Single Mount Bullhorn Bracket	SM	Single Mount Bullhorn Bracket
A1SBH-10	Single - 1 9/16" OD	A1SBH-10	Single - 1 9/16" OD
A1SBH-24	Single - 2 4" OD	A1SBH-24	Single - 2 4" OD
A2SBH-19	2-Tenon - 1 9/16" OD	A2SBH-19	2-Tenon - 1 9/16" OD
A2SBH-24	2-Tenon - 2 4" OD	A2SBH-24	2-Tenon - 2 4" OD

Dimensions



NOTE: Factory supplied template must be used when installing anchor bolts. Gardco will not honor any claim for incorrect anchorage placement from failure to use factory supplied templates.



bernersch-ber
1 N Old State Capital Plaza, Suite 310
Springfield, IL 62701
217-528-6030 | www.bernerschber.com

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MYX3(094)
JOB C-92-024-19

DRAWN BY: AB/EDK
APPROVED BY: DSJ
DATE: 11/07/2022
SCALE: AS NOTED

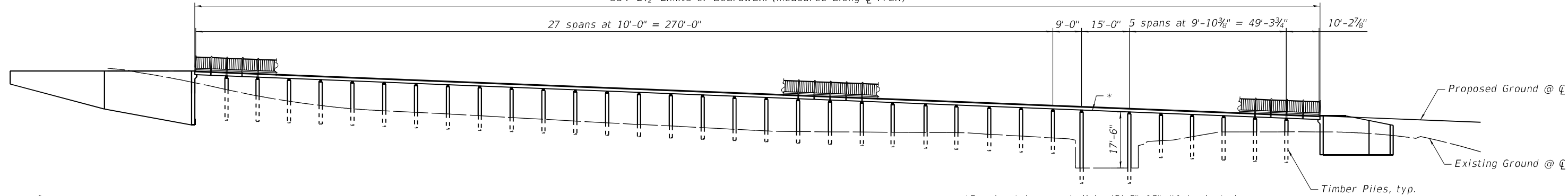
REV. NO.	DESCRIPTION	DATE

DRAWING:
LIGHT FIXTURE DATA SHEETS
SET TYPE: FOR BID SET
E15.0 LIGHT FIXTURE DATA SHEETS.dwg

JOB NUMBER:
17-067B
SHEET NUMBER:
E15.0

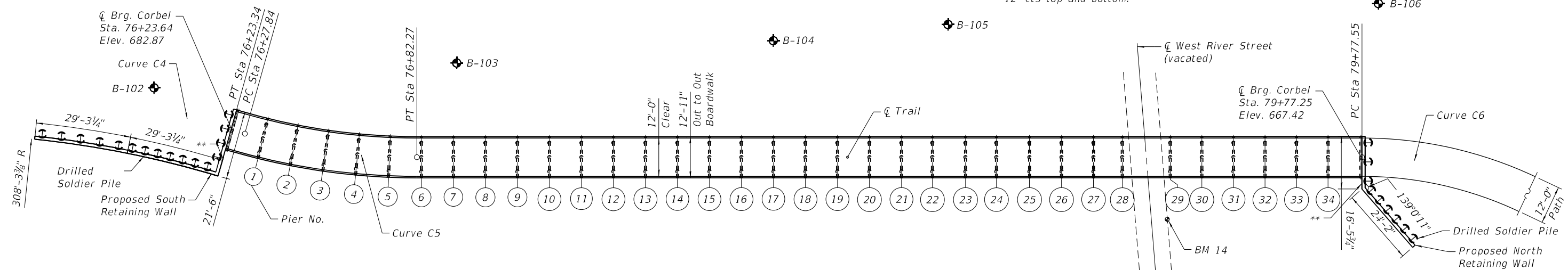
Bench Mark: #14 = Survey work point nail (CP 168)
N. 1885980.13, E. 2480917.57, Elev. 651.07

354'-2 1/2" Limits of Boardwalk (measured along \bar{C} Trail)



ELEVATION

*Fascia stringers shall be (3)-3"x12" #1 laminated together w/ 1/2" $\bar{\phi}$ lag bolts in 3/16" pilot holes or 1/2" through bolts in 3/16" $\bar{\phi}$ holes at 2'-6" cts top and bottom staggered. Inside stringers shall be (2)-3"x12" #1 at 18" cts. laminated w/ 12d at 12" cts top and bottom.



PLAN

** Name Plate location. See sheet S2.0 for details.

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.085
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.1113
Soil Site Class = C

DESIGN SPECIFICATIONS

2017 AASHTO LFRD Bridge Design Specifications, 8th Edition

AASHTO LFRD Guide Specifications for the Design of Pedestrian Bridges, 2nd Edition with 2015 Interims

ANSI/AWC NDS-2015 National Design Specification for Wood Construction

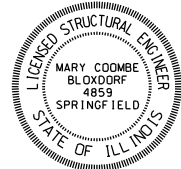
DESIGN LOADING

Pedestrian Live Load (PL) 90 psf
H-5 Truck (10,000 lbs)

CLASSIFICATION

Pedestrian Boardwalk

I certify to the best of my knowledge, information and belief, this bridge 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 Standard Specifications for Highway Bridges.



Mary Coombe Bloxdorf
ILLINOIS STRUCTURAL NO. 4859
EXPIRES 11/30/24
DATE: 11/04/22

CURVE DATA C4

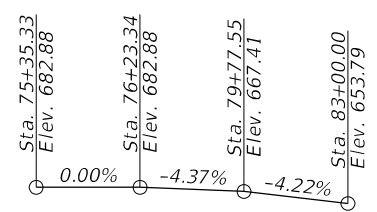
PI STA. = 75+79.75
 Δ = 20° 11' 35" (RT)
D = 22° 55' 06"
R = 250.00'
T = 44.52'
L = 88.11'
E = 3.93'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 75+35.23
P.T. STA. = 76+23.34

CURVE DATA C5

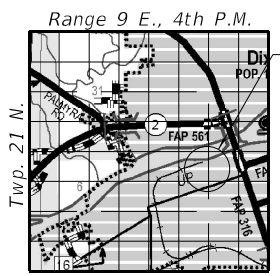
PI STA. = 76+55.22
 Δ = 15° 35' 38" (LT)
D = 28° 38' 52"
R = 200.00'
T = 27.39'
L = 54.43'
E = 1.87'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 76+27.84
P.T. STA. = 76+82.27

CURVE DATA C6

PI STA. = 81+79.34
 Δ = 118° 06' 04" (RT)
D = 47° 21' 07"
R = 121.00'
T = 201.78'
L = 249.41'
E = 114.28'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 79+77.55
P.T. STA. = 82+26.97



TRAIL PROFILE
(Profile grade along \bar{C} Trail)



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
SEGMENT A BOARDWALK
DIXON, IL
STA 76+23.34 TO STA 79+77.55
STRUCTURE NUMBER 052-P003.1



ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: CFC
APPROVED BY: MCB
DATE: 11/04/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
GENERAL PLAN AND ELEVATION
SEGMENT A - SN 052-P003.1

SET TYPE: FOR BID SET

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JOB NUMBER:
17-067B

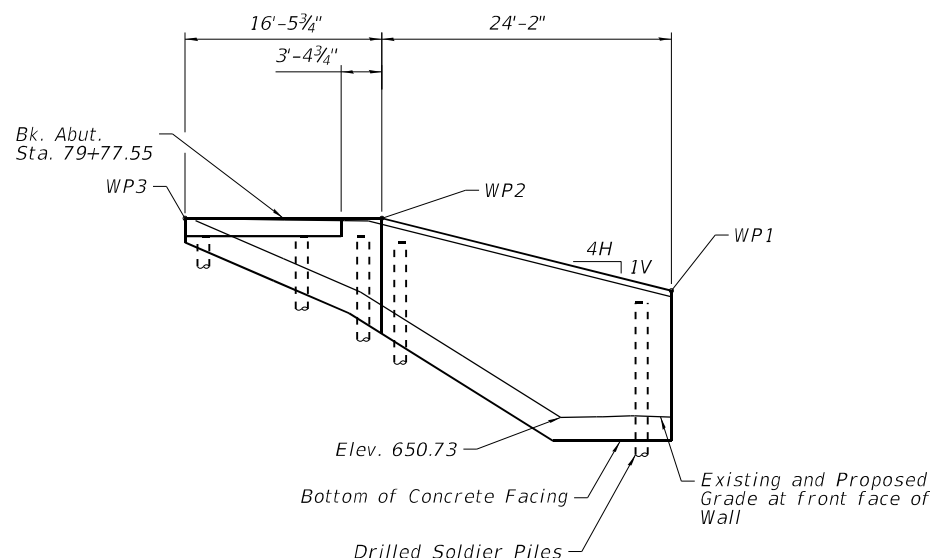
SHEET NUMBER:
S1.0

STA. 79+77.55 TO STA. 79+98.03
 BUILT 202_ BY
 CITY OF DIXON
 SEC. 17-00178-00-BT
 LOADING PL + H-5
 STRUCTURE NO. 052-_____

NAME PLATE (N. RET. WALL)
 See Std. 515001

STA. 75+61.47 TO STA. 76+22.34
 BUILT 202_ BY
 CITY OF DIXON
 SEC. 17-00178-00-BT
 LOADING PL + H-5
 STRUCTURE NO. 052-_____

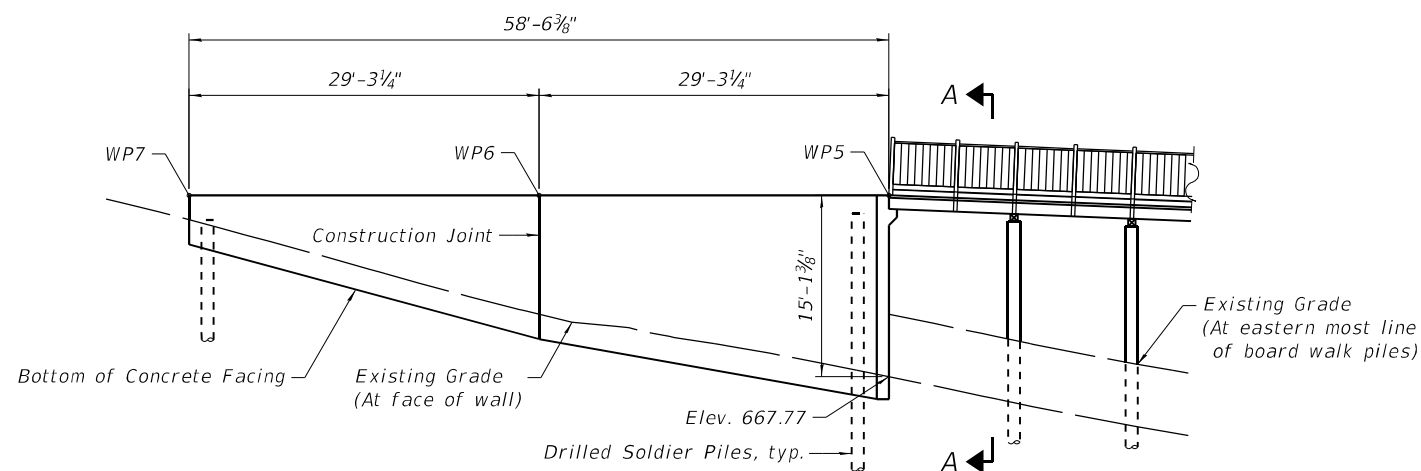
NAME PLATE (S. RET. WALL)
 See Std. 515001



ELEVATION - NORTH RETAINING WALL
 (Looking at F.F. of wall, looking North)
 Boardwalk not shown for clarity

WORK POINTS AND WALL ELEVATIONS

WP	CL Segment	Offset in Feet	Top of C.I.P. Wall Elev.	Bott. Of C.I.P. Wall Elev.
1	79+98.03	26.87 Rt.	661.37	648.84
2	79+77.55	9.98 Rt.	667.41	657.79
3	79+77.55	6.50 Lt.	667.41	665.39
4	76+24.01	6.50 Lt.	682.88	680.38
5	76+22.34	15.00 Rt.	682.88	665.77
6	75+92.29	13.96 Rt.	682.88	670.97
7	75+61.47	12.07 Rt.	682.88	678.85

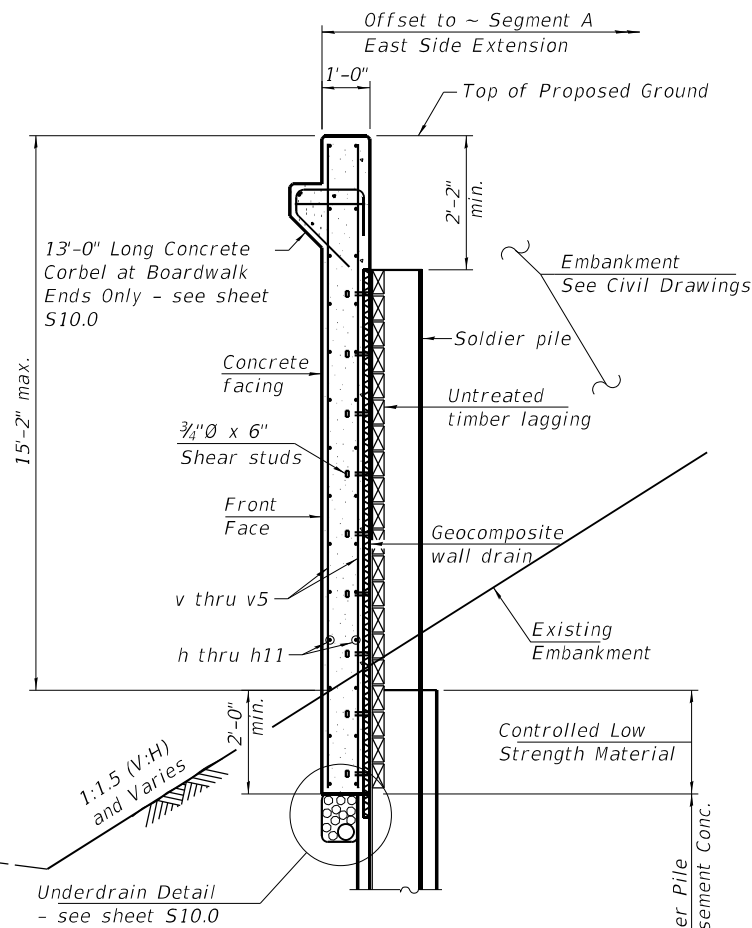


ELEVATION - SOUTH RETAINING WALL
 (Looking at F.F. of wall, Looking West)

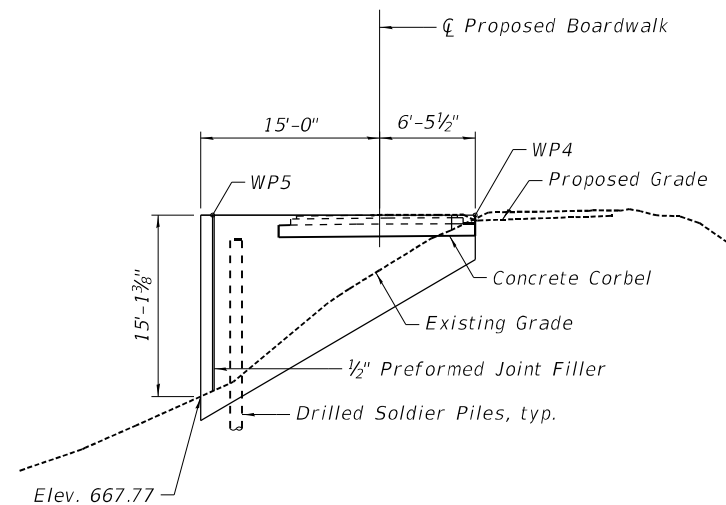
STA. 76+23.34 TO STA. 79+77.5
 BUILT 202_ BY
 CITY OF DIXON
 SEC. 17-00178-00-BT
 LOADING PL + H-5
 STRUCTURE NO. 052-P003.1

NAME PLATE (BOARDWALK)
 See Std. 515001

Notes:
 Top and Bottom of C.I.P. Wall have a constant slope between the joint and ends of the wall.
 Provide 3/4" chamfer at all exposed edges of concrete facing



DRILLED SOLDIER PILE TYPICAL WALL SECTION



VIEW A-A
 Boardwalk not shown for clarity

INDEX OF SHEETS

- S1.0 GENERAL PLAN AND ELEVATION - SN 082-P003.1
- S2.0 GENERAL PLAN AND ELEVATION - SN 082-P003.1
- S3.0 DETAILS I
- S4.0 DETAILS II
- S5.0 DETAILS III
- S6.0 BRIDGE PLAN & ELEVATION
- S7.0 CONCRETE FACING - N. RETAINING WALL
- S8.0 CONCRETE FACING - S. RETAINING WALL
- S9.0 SOLDIER PILE LAYOUT
- S10.0 SOLIDER PILE WALL DETAILS
- S11.0-15.0 BORING LOGS

TOTAL BILL OF MATERIAL - SEGMENT 'A'

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	36
Furnishing Soldier Piles (W Section)	Foot	792
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	3895
Concrete Structures	Cu. Yd.	47.0
Pipe Underdrain for Structures 4"	Foot	129
Geocomposite Wall Drain	Sq. Yd.	50
Reinforcement Bars	Lb.	5710
Untreated Timber Lagging	Sq. Ft.	917
Name Plates	Each	3
Stud Shear Connectors	Each	227
Boardwalk Structure	Sq. Ft.	4576

SEQUENCE OF CONSTRUCTION

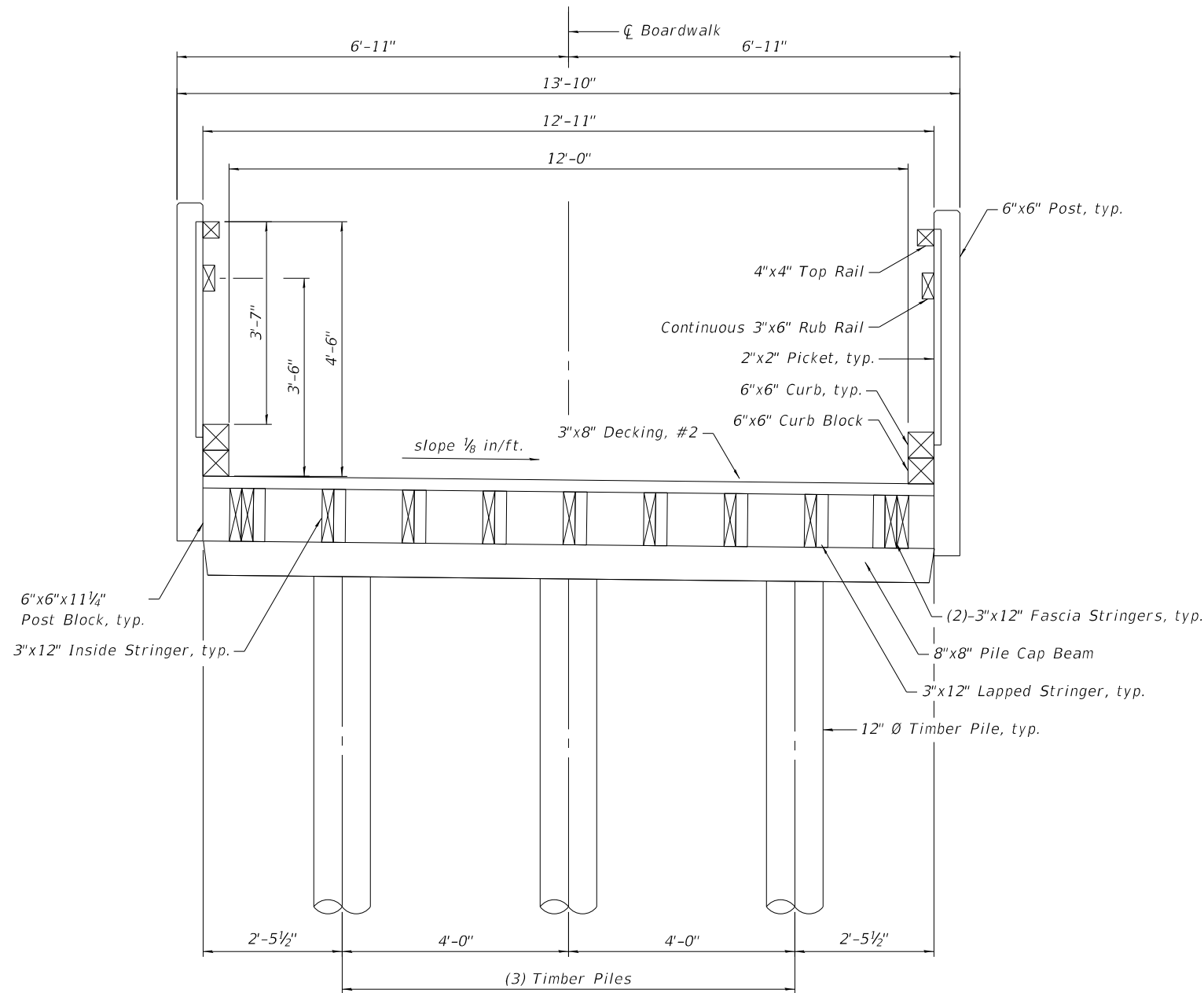
1. Drill shaft excavation for Soldier Piles to the elevation shown on the plans and set soldier piles in excavation.
2. Place soldier pile encasement concrete to the bottom of facing elevation at each pile location. Place Controlled Low Strength Material (CLSM) to the elevation of the existing ground at the front flange at each pile location.
3. Excavate in front of the wall to the bottom of the CIP concrete facing elevation by placing timber lagging as the excavation proceeds downward. Timber lagging should only be placed above the elevation of the CIP concrete facing.
4. Place embankment behind the wall according to Section 205 of the Standard Specifications. Place timber lagging upward as the embankment placement proceeds upward.
5. Once the embankment behind the wall is complete the cast in place facing shall be installed.

GENERAL PLAN AND ELEVATION
SEGMENT A BOARDWALK
 DIXON, IL
 STA 76+23.34 TO STA 79+77.55
 STRUCTURE NUMBER 052-P003.1

REVISIONS		
REV. NO.	DESCRIPTION	DATE

Notes:

1. The top and bottom of pier post shall be covered with an epoxy glue to prevent water absorption.
2. Provide 2"x10" blocking for joists at the center of each span.
3. Decking shall be butted tightly board to board to allow for board shrinkage after deck construction.
4. Decking to be attached with 305 stainless steel or better screw recessed 1/8" below deck surface.
5. No splices shall be allowed for bridge decking.
6. All nails shall be the common wire nail type unless noted otherwise.
7. Wood members designated KDAT shall be kiln dried after treatment.
8. Wood members designated CCA shall be pressure treated with copper azole.
9. Wood members designated CCA shall be pressure treated with chromated copper arsenate.
10. All lumber cross section dimensions are nominal unless stated otherwise.
11. All piles shall be driven to resistance. See Estimated Pile Length Table for estimated bottom of pile elevations and depths of timber piles below existing grade.
12. All timber piles with exposed heights above ground exceeding 5'-0" shall be braced according to the cross bracing detail shown on sheet S4.0.



BOARDWALK CROSS SECTION
(Looking Upstation)

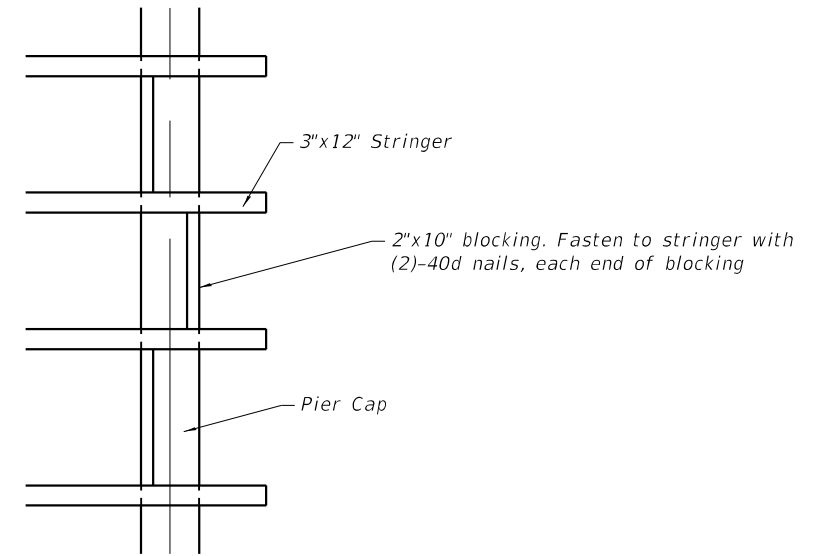
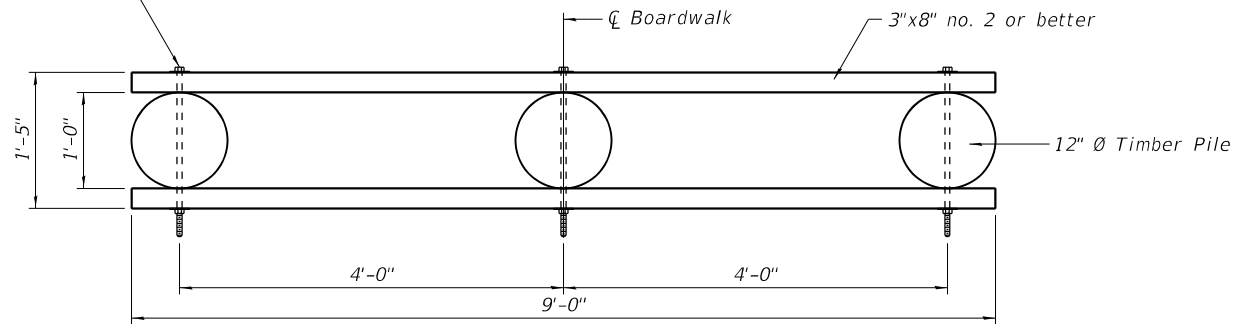
PILE DATA

Nominal Required Bearing: 21 kips
Factored Resistance Available: 11.5 kips

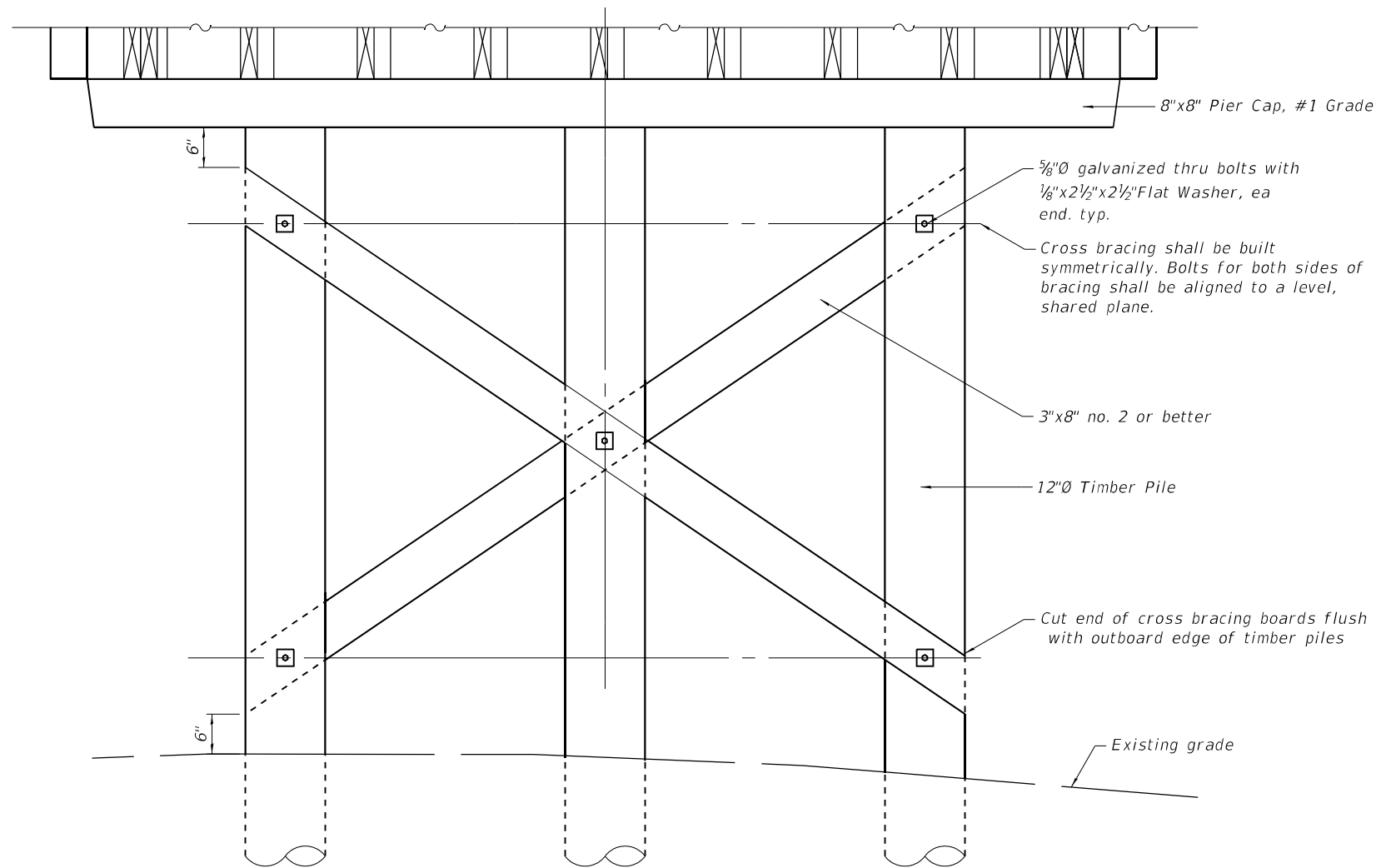
Estimated Pile Length Table			
Boardwalk Segment	Boardwalk Station	Estimated Bottom of Pile Elev.	Depth of Timber Pile below Existing Grade
A	76+00	670.0	8 ft
	76+95	663.5	5 ft
	78+00	658.0	5 ft
	78+56	657.5	5 ft

REVISIONS		
REV. NO.	DESCRIPTION	DATE

5/8" Ø galvanized thru bolts with 1/8"x2 1/2"x2 1/2" Flat Washer, ea end. typ.



STRINGER BLOCKING DETAIL



BOARDWALK CROSS BRACING AT PIERS

(Required at pier locations with exposed pile heights exceeding 5'-0")

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OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: CFC
APPROVED BY: MCB
DATE: 11/15/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
DETAILS II
SN 052-P003.1

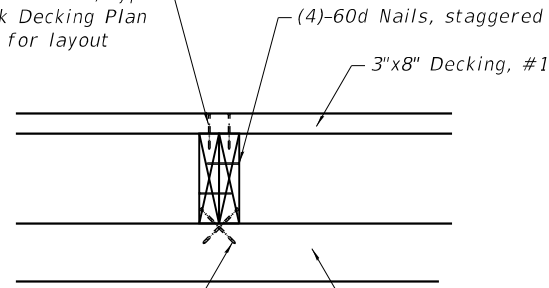
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JOB NUMBER:
17-067B

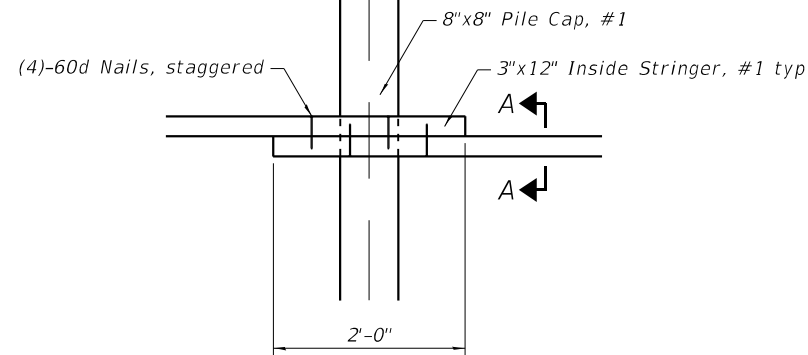
SHEET NUMBER:
S4.0

#12 x 4½" Stainless Steel Torx Drive Deck Screw, typ. See Boardwalk Decking Plan on sheet S6.0 for layout and spacing

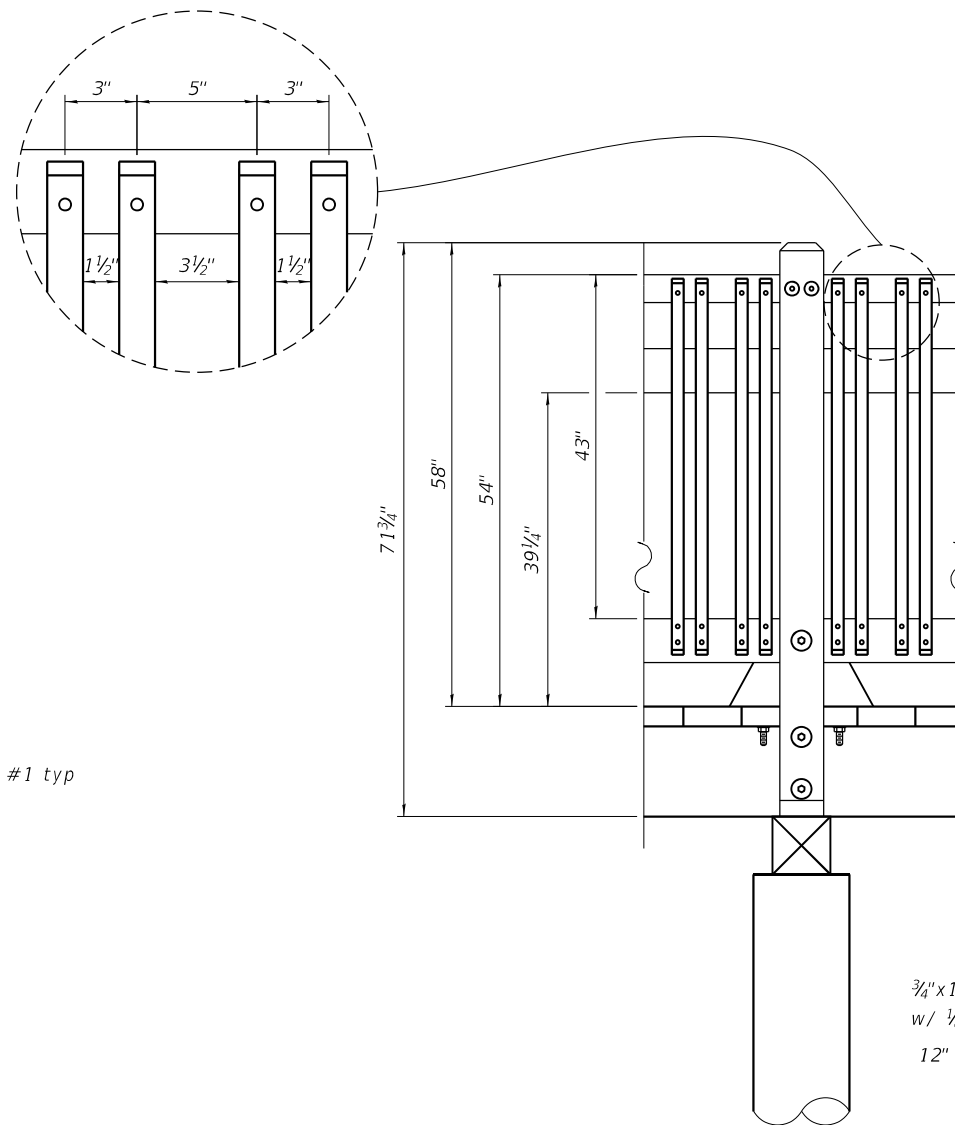


(4)-¼" Ø x 6" Galvanized Heavy-Duty Connector screw, 2 each stringer

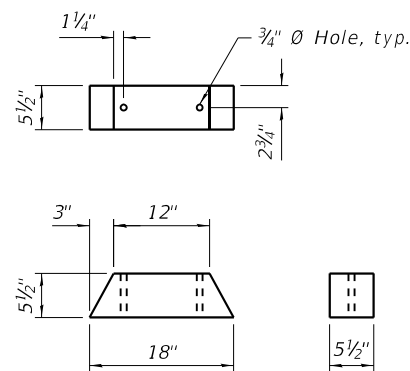
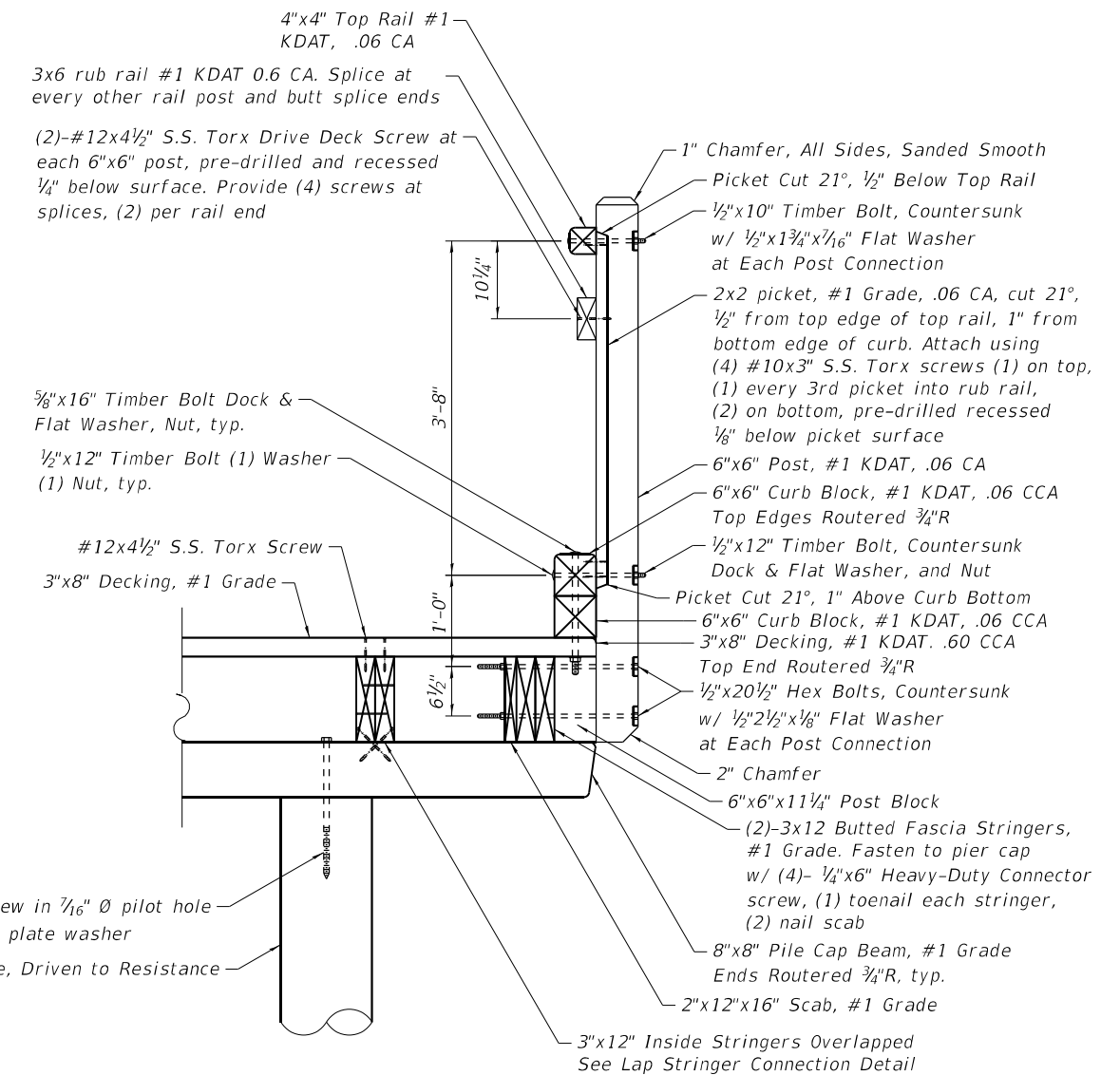
SECTION A-A



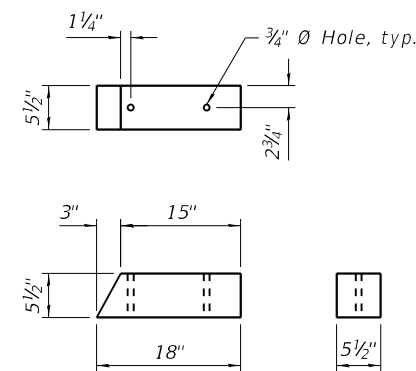
LAPPED STRINGER CONNECTION DETAIL



43" HIGH RAILING DETAIL



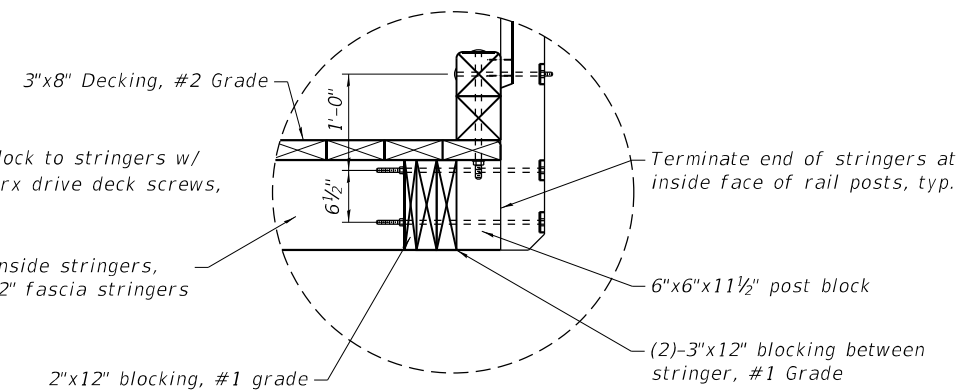
6"x6"x18" CURB BLOCK DETAIL



6"x6"x18" END BLOCK DETAIL

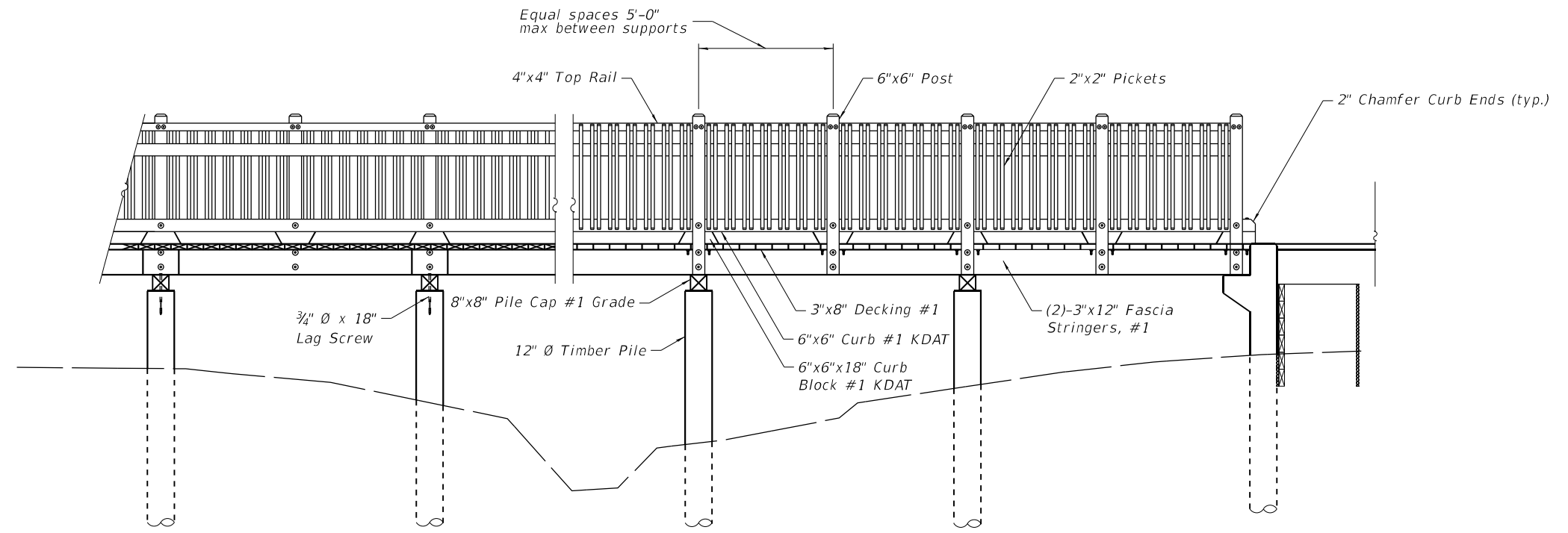
Note: fasten each block to stringers w/ (2)-#12x4½" S.S. Torx drive deck screws, each end of block

3"x12" inside stringers, (2)-2"x12" fascia stringers



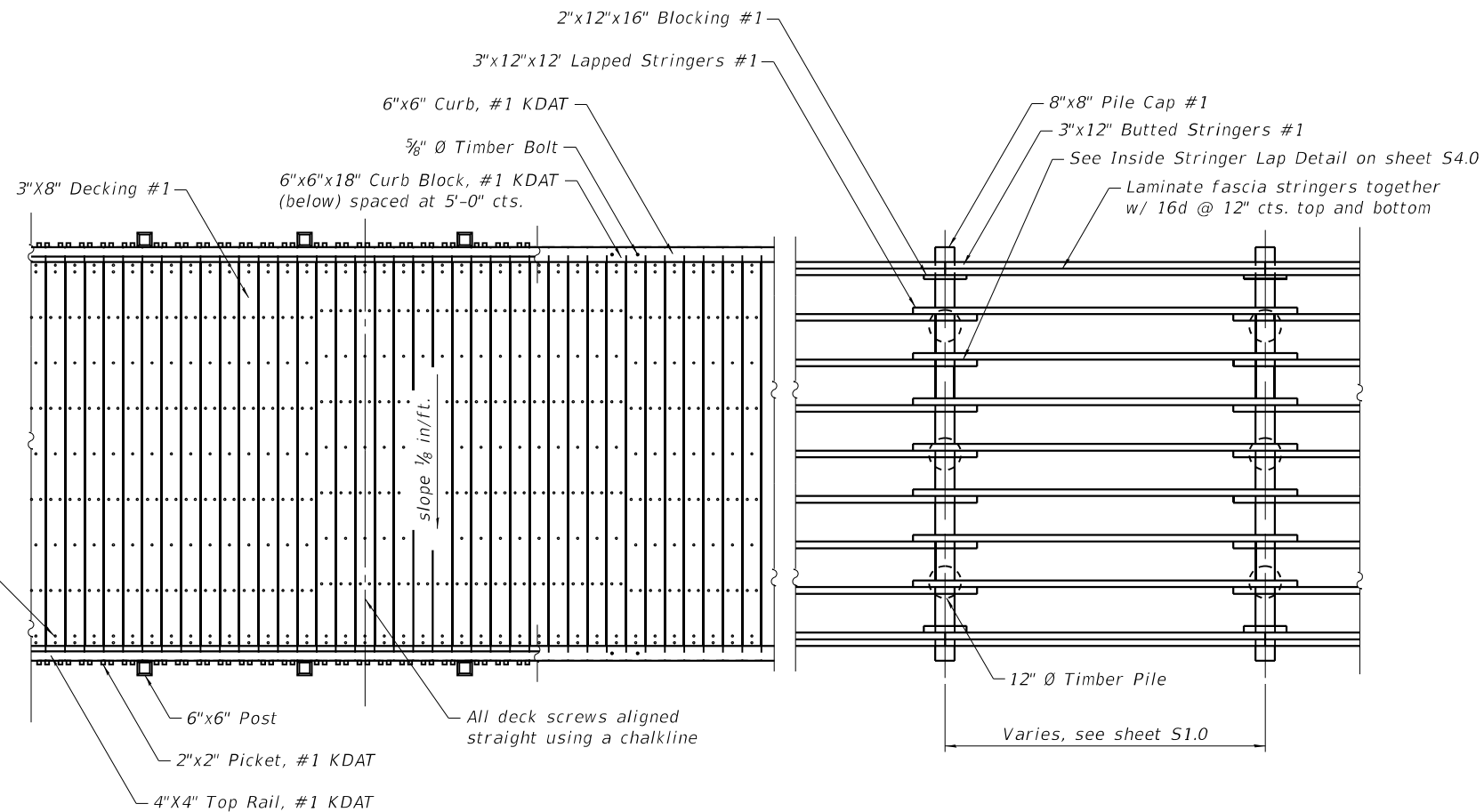
43" ALTERNATE HIGH RAILING DETAIL (RAILING PERPENDICULAR TO STRINGERS)

REVISIONS		
REV. NO.	DESCRIPTION	DATE



RAILING ELEVATION
Inside View

BOARDWALK PARTIAL ELEVATION



BOARDWALK DECKING PLAN

BOARDWALK FRAMING PLAN

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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
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SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: CFC
APPROVED BY: MCB
DATE: 11/15/22
SCALE: AS NOTED

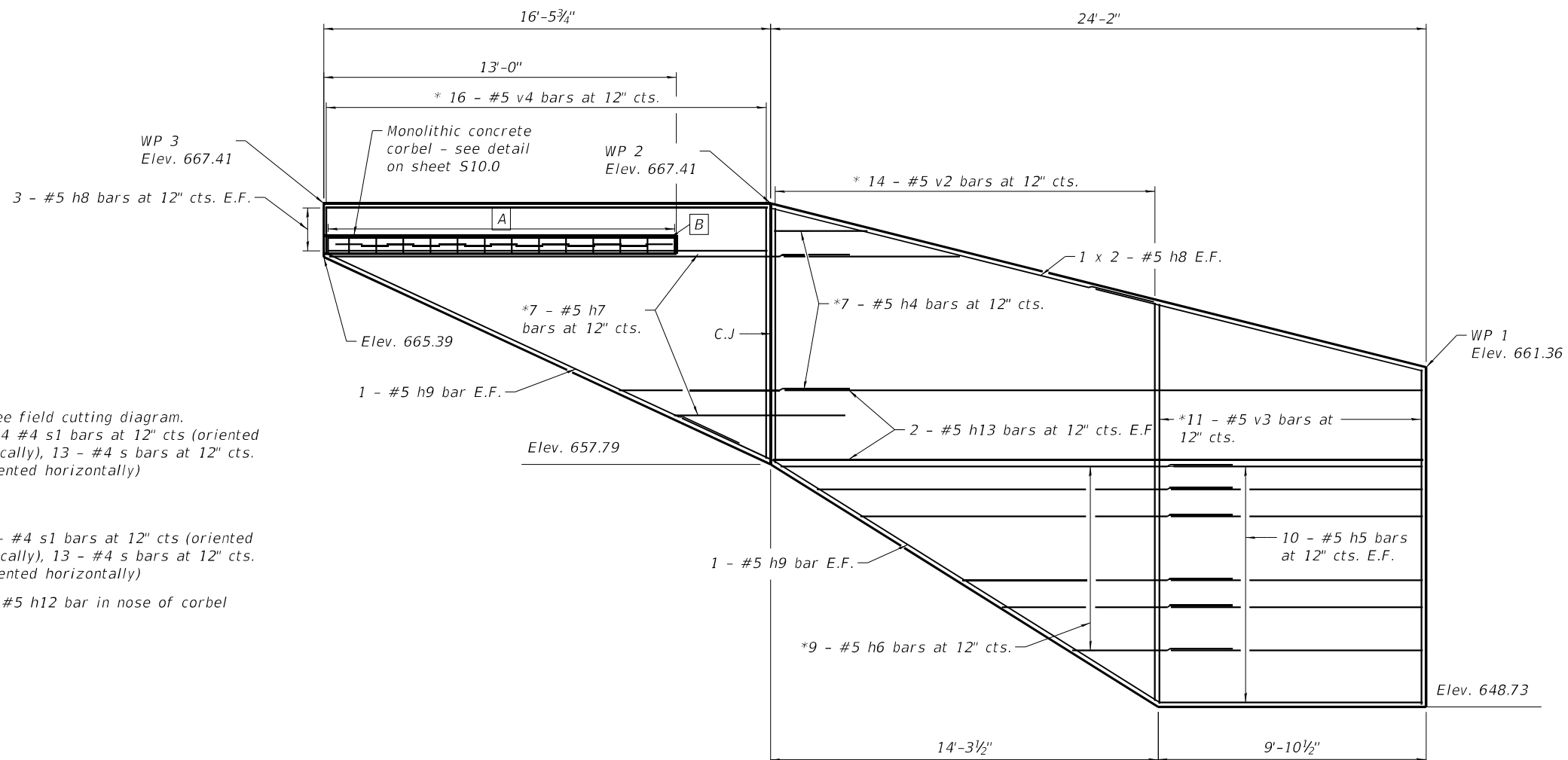
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
BRIDGE PLAN & ELEVATION
SN 052-P003.1

SET TYPE: FOR BID SET
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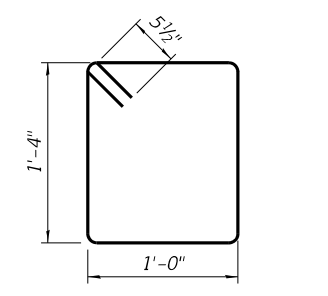
JOB NUMBER:
17-067B

SHEET NUMBER:
S6.0

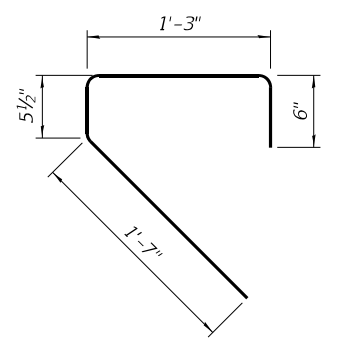


* See field cutting diagram.
 ** 14 #4 s1 bars at 12" cts (oriented vertically), 13 - #4 s bars at 12" cts. (oriented horizontally)

- A** 14 - #4 s1 bars at 12" cts (oriented vertically), 13 - #4 s bars at 12" cts. (oriented horizontally)
- B** 1 - #5 h12 bar in nose of corbel



Bar s



Bar s1

ELEVATION - NORTH RETAINING WALL
 (Looking North, showing reinforcement)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h4	7	#5	29'-3"	—
h5	18	#5	9'-6"	—
h6	9	#5	22'-6"	—
h7	7	#5	25'-4"	—
h8	10	#5	16'-1"	—
h9	4	#5	16'-6"	—
h12	1	#5	12'-8"	—
h13	4	#5	23'-10"	—
v2	14	#5	24'-0"	—
v3	11	#5	26'-11"	—
v4	16	#5	11'-5"	—
s	13	#4	5'-7"	□
s1	14	#4	3'-10"	┘
Reinforcement Bars			Lbs.	1780
Concrete Structures (Retaining Wall)			Cu. Yds.	15.2

LEGEND:

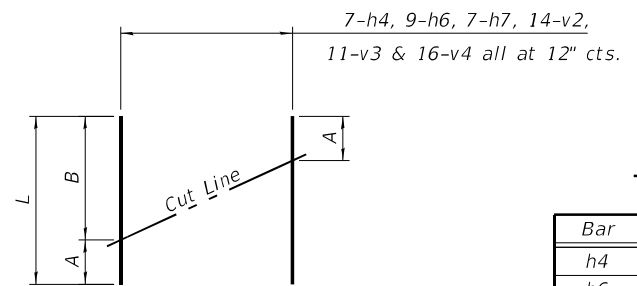
C.J. = Construction Joint
 E.F. = Each Face

MIN. BAR LAP

#5 BARS = 2'-9" (Horizontal)

NOTES:

- For typical wall cross sections and details, see sheet S10.0.
- For soldier pile layout, see sheet S9.0.
- For stationing, offsets, and elevations of workpoints, see sheet S2.0.



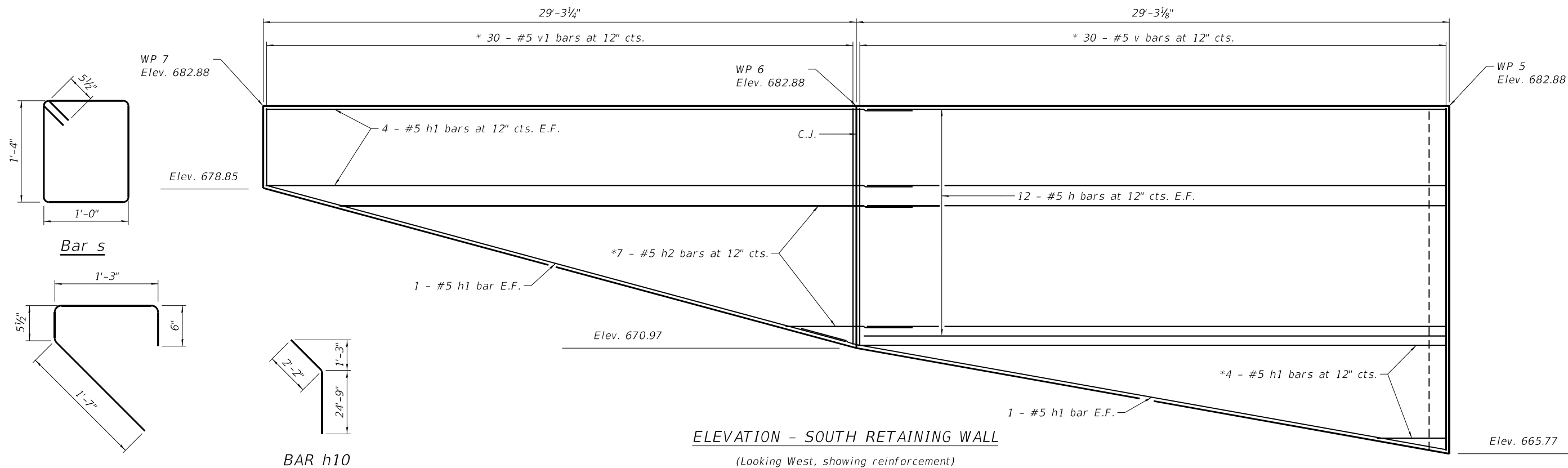
FIELD CUTTING DIAGRAM

Order h4, h6, h7, and v2-v4 full length. Cut as shown and use remainder of bars in opposite face of wall.

A, B & L DIMENSIONS

Bar	A	B	L
h4	3'-2"	27'-1"	30'-3"
h6	4'-1"	16'-8"	20'-9"
h7	6'-3"	19'-1"	25'-4"
v2	9'-4"	14'-8"	24'-0"
v3	12'-3"	14'-8"	26'-11"
v4	2'-2"	9'-3"	11'-5"

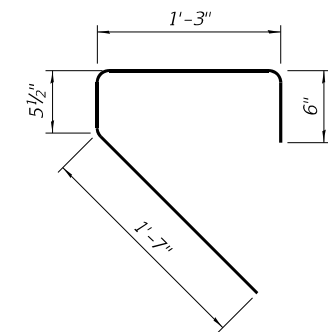
REVISIONS		
REV. NO.	DESCRIPTION	DATE



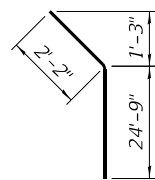
ELEVATION - SOUTH RETAINING WALL

(Looking West, showing reinforcement)

Bar s



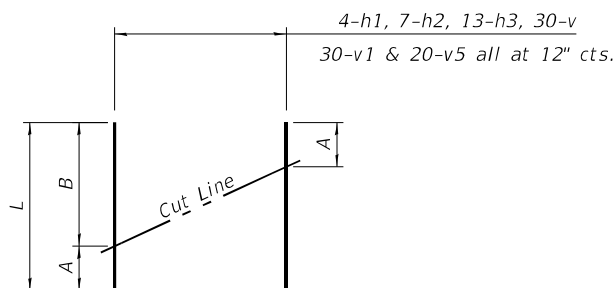
Bar s1



BAR h10

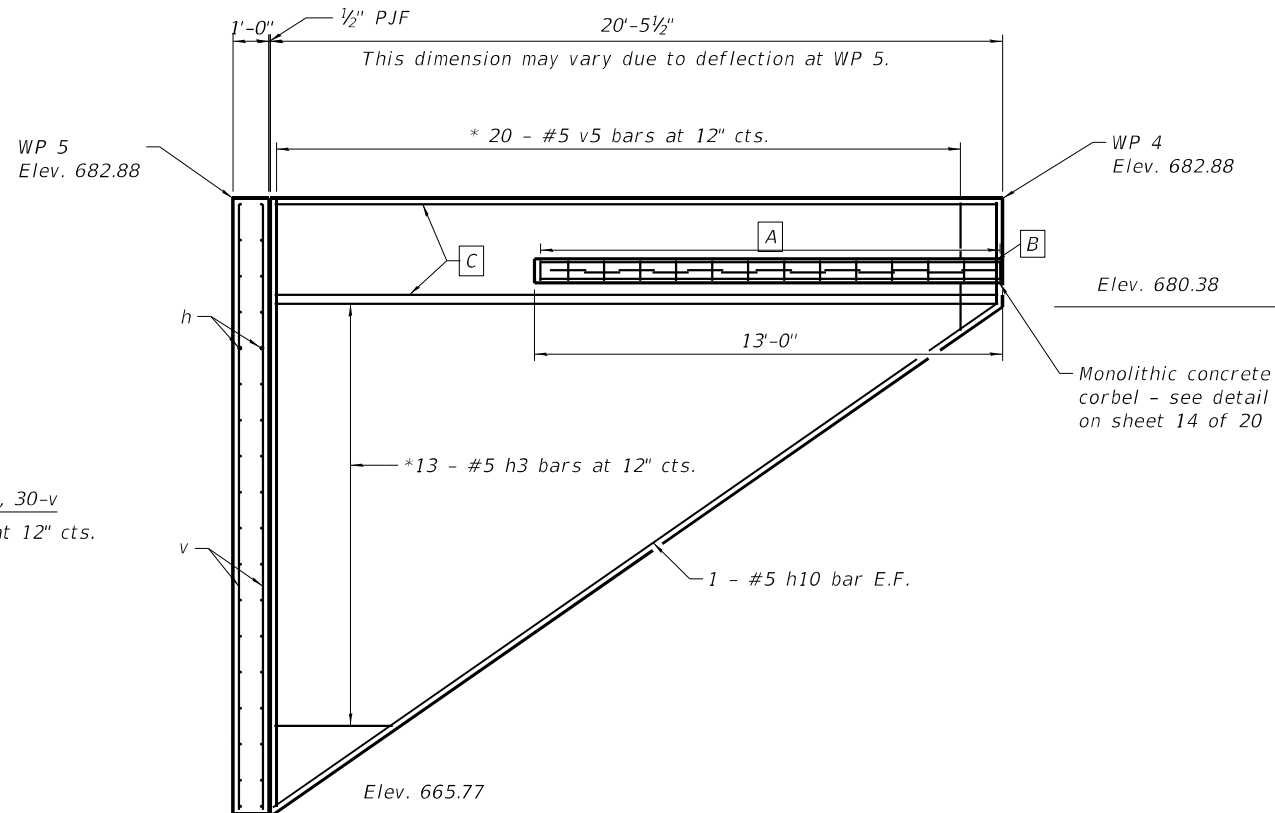
A, B & L DIMENSIONS

Bar	A	B	L
h1	3'-2"	28'-11"	32'-1"
h2	6'-5"	28'-11"	38'-6"
h3	3'-2"	20'-0"	23'-2"
v	11'-8"	16'-9"	28'-5"
v1	3'-9"	11'-7"	15'-4"
v5	3'-6"	16'-8"	20'-2"



FIELD CUTTING DIAGRAM

Order h1, h2, h3, h7, v, v1, and v5 full length.
Cut as shown and use remainder of bars in opposite face of wall.



ELEVATION - SOUTH RETAINING WALL

(Looking South, showing reinforcement)

* See field cutting diagram.

- A** 14 - #4 s1 bars at 12" cts (oriented vertically), 13 - #4 s bars at 12" cts. (oriented horizontally)
- B** 1 - #5 h12 bar in nose of corbel
- C** 3 - #5 h11 bars at 12" cts. E.F.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	24	#5	28'-11"	—
h1	16	#5	32'-1"	—
h2	7	#5	38'-6"	—
h3	13	#5	23'-2"	—
h10	2	#5	26'-11"	—
h11	6	#5	20'-0"	—
h12	1	#5	12'-8"	—
v	30	#5	28'-5"	—
v1	30	#5	15'-4"	—
v5	20	#5	20'-2"	—
s	13	#4	5'-7"	□
s1	14	#4	3'-10"	□
Reinforcement Bars			Lbs.	3930
Concrete Structures (Retaining Wall)			Cu. Yds.	31.8

LEGEND:

C.J. = Construction Joint
E.F. = Each Face

MIN. BAR LAP

#5 BARS = 2'-9" (Horizontal)

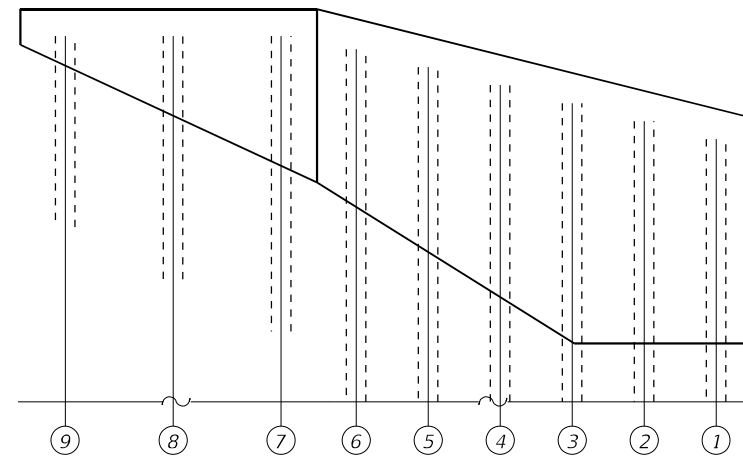
NOTES:

- For typical wall cross sections and details, see sheet S10.0.
- For soldier pile layout, see sheet S9.0.
- For stationing, offsets, and elevations of workpoints, see sheet S2.0.

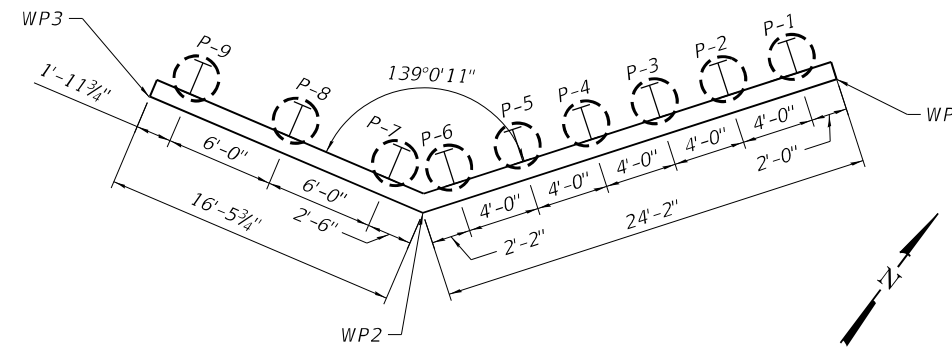
REVISIONS		
REV. NO.	DESCRIPTION	DATE

SOLDIER PILE DATA

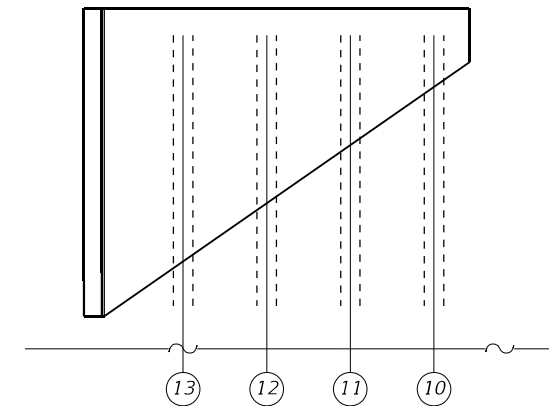
Soldier Pile No.	Size	Station	Offset	Top of Pile Elev.	Bottom of Pile Elev.	Pile Length	No. Studs Per Pile
North Retaining Wall							
1	W21x166	79+97.63	24.11 Rt.	659.69	623.73	36.00	11
2	W21x166	79+93.88	21.52 Rt.	660.70	623.73	37.00	12
3	W21x166	79+90.32	18.83 Rt.	661.70	623.81	38.00	13
4	W21x166	79+86.94	16.07 Rt.	662.70	626.34	36.25	12
5	W21x166	79+83.74	13.22 Rt.	663.70	628.88	34.75	10
6	W21x166	79+80.71	10.31 Rt.	664.70	635.42	29.25	9
7	W21x166	79+79.62	7.46 Rt.	665.24	643.95	21.25	7
8	W21x166	79+79.52	1.47 Rt.	665.24	648.72	16.50	4
9	W21x166	79+79.42	4.53 Lt.	665.24	653.49	11.75	1
South Retaining wall							
10	W21x166	76+21.44	4.51 Lt.	680.71	664.0	16.75	2
11	W21x166	76+21.4	0.14 Rt.	680.71	656.6	24.00	6
12	W21x166	76+21.37	4.78 Rt.	680.71	650.3	30.50	9
13	W21x182	76+21.33	9.43 Rt.	680.71	640.0	40.75	12
14	W21x182	76+19.14	12.97 Rt.	680.71	633.5	47.25	15
15	W21x182	76+14.88	12.86 Rt.	680.71	634.2	46.50	14
16	W21x166	76+10.66	12.74 Rt.	680.71	636.9	43.75	13
17	W21x166	76+06.42	12.60 Rt.	680.71	639.6	41.00	13
18	W21x166	76+02.21	12.44 Rt.	680.71	640.3	40.50	12
19	W21x166	75+97.96	12.27 Rt.	680.71	643.0	37.75	11
20	W21x166	75+93.73	12.08 Rt.	680.71	643.7	37.00	10
21	W21x166	75+89.12	11.86 Rt.	680.71	646.8	34.00	9
22	W21x166	75+82.79	11.53 Rt.	680.71	652.4	28.25	8
23	W21x166	75+76.47	11.15 Rt.	680.71	656.0	24.75	6
24	W21x166	75+70.21	10.75 Rt.	680.71	659.7	21.00	5
25	W21x166	75+63.91	10.30 Rt.	680.71	663.3	17.50	3



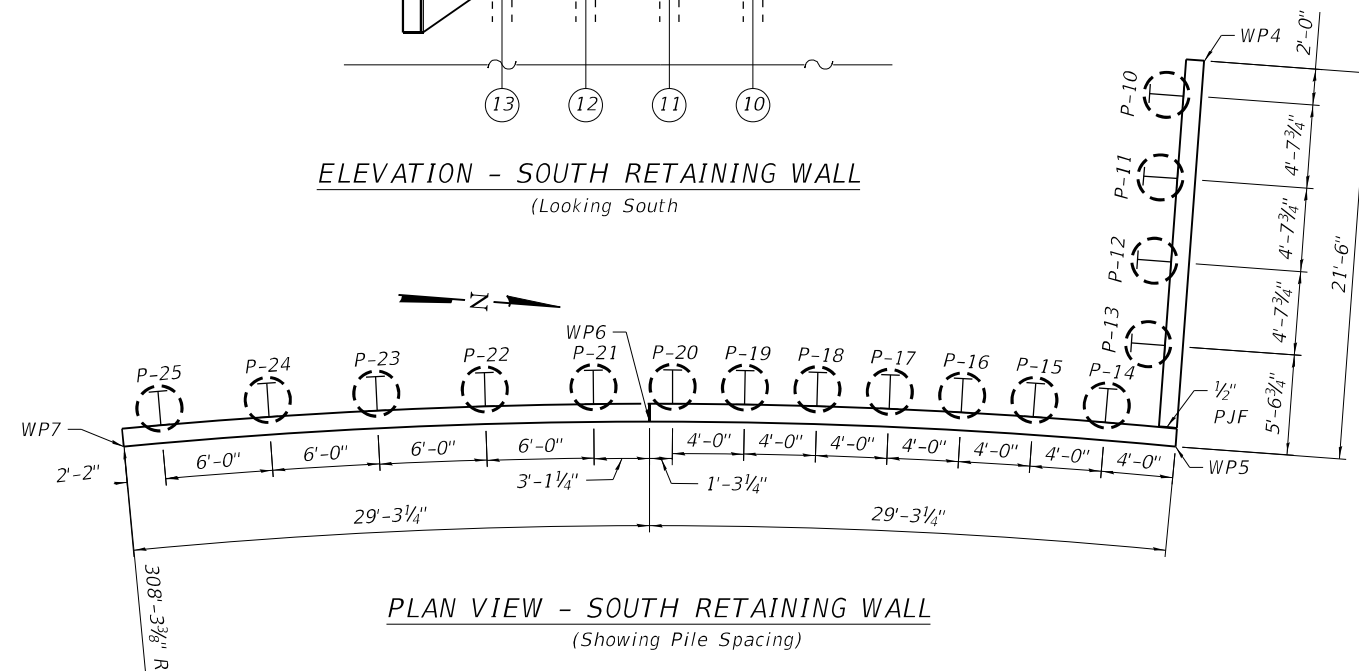
ELEVATION - NORTH RETAINING WALL
(Looking North)



PLAN VIEW - NORTH RETAINING WALL
(Showing Pile Spacing)

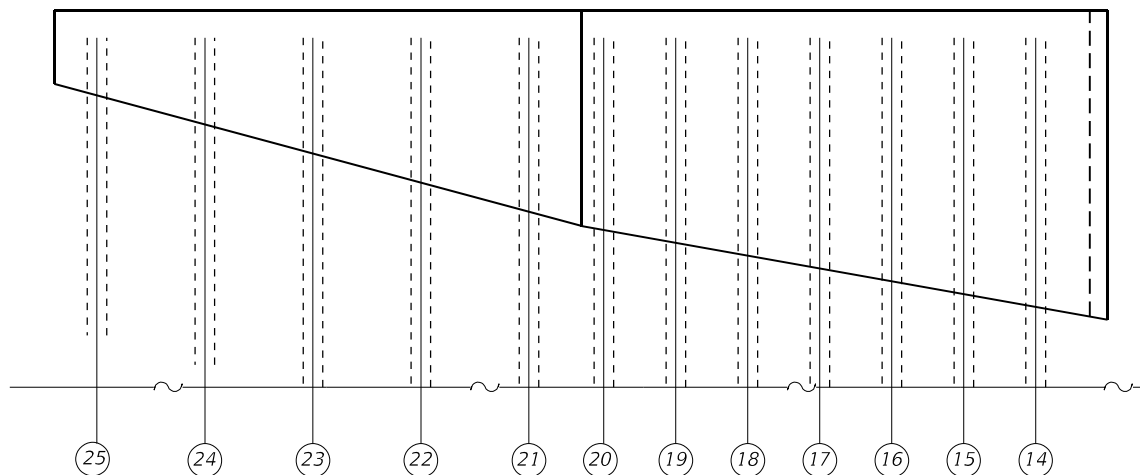


ELEVATION - SOUTH RETAINING WALL
(Looking South)



PLAN VIEW - SOUTH RETAINING WALL
(Showing Pile Spacing)

Note:
All dimensions measured along front face of concrete facing.
When the bottom of the pile elevations are below the bottom of the nearest boring, The Contractor shall verify and notify the Engineer if the soil strength below the boring is less than the last layer of soil in the boring. The cost for this work is included in the cost of Drilling and Setting Soldier Piles (In soil).



ELEVATION - SOUTH RETAINING WALL
(Looking West)

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: CFC
APPROVED BY: MCB
DATE: 11/15/22
SCALE: AS NOTED

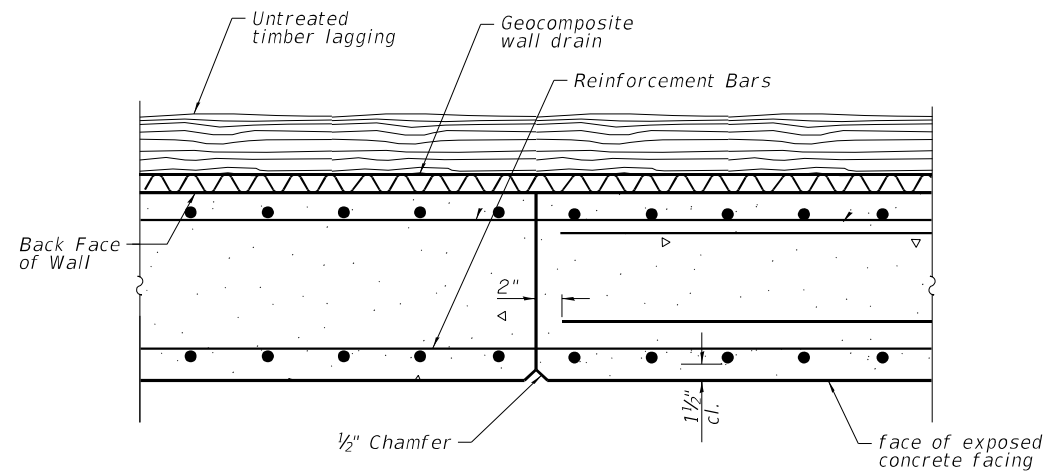
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
SOLDIER PILE LAYOUT
SN 052-P003.1

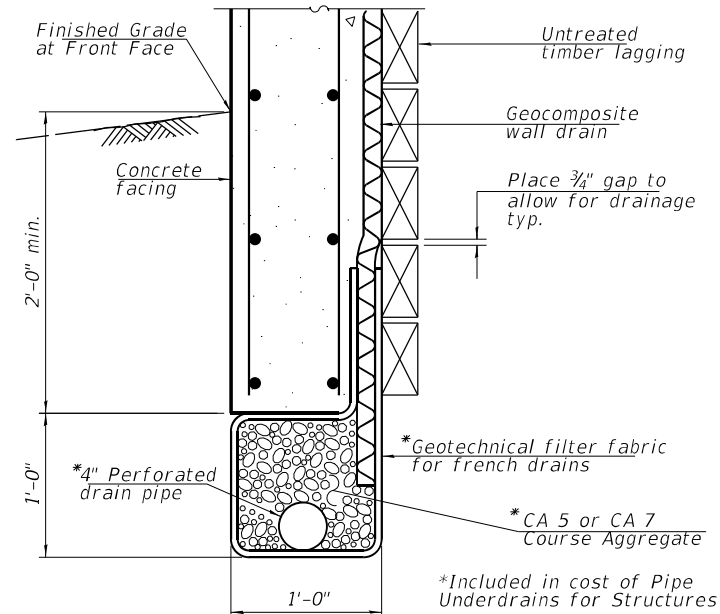
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JOB NUMBER:
17-067B

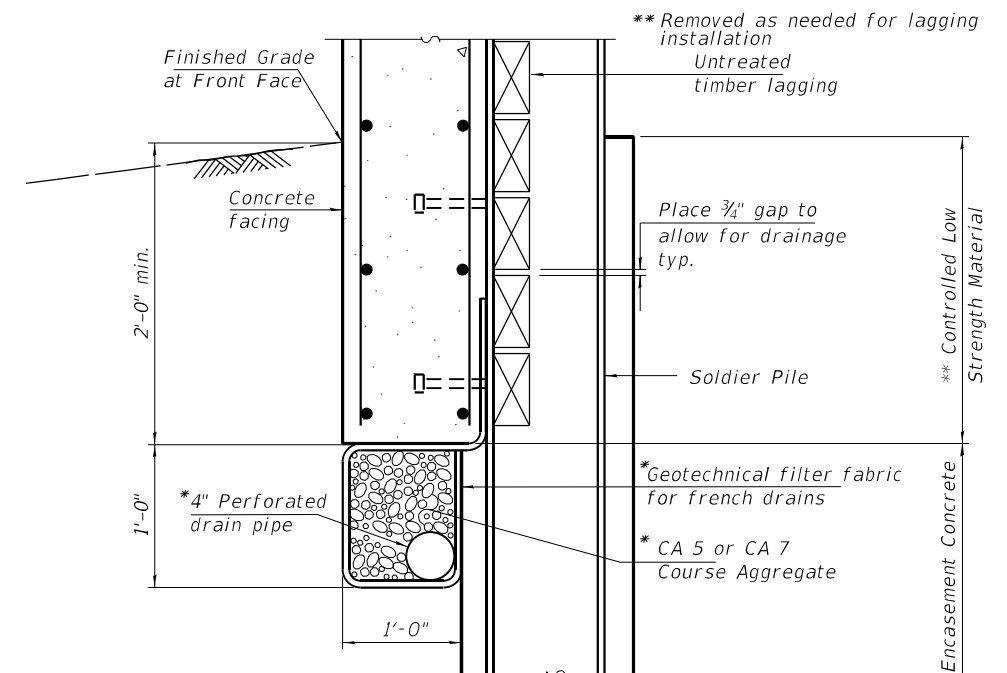
SHEET NUMBER:
S9.0



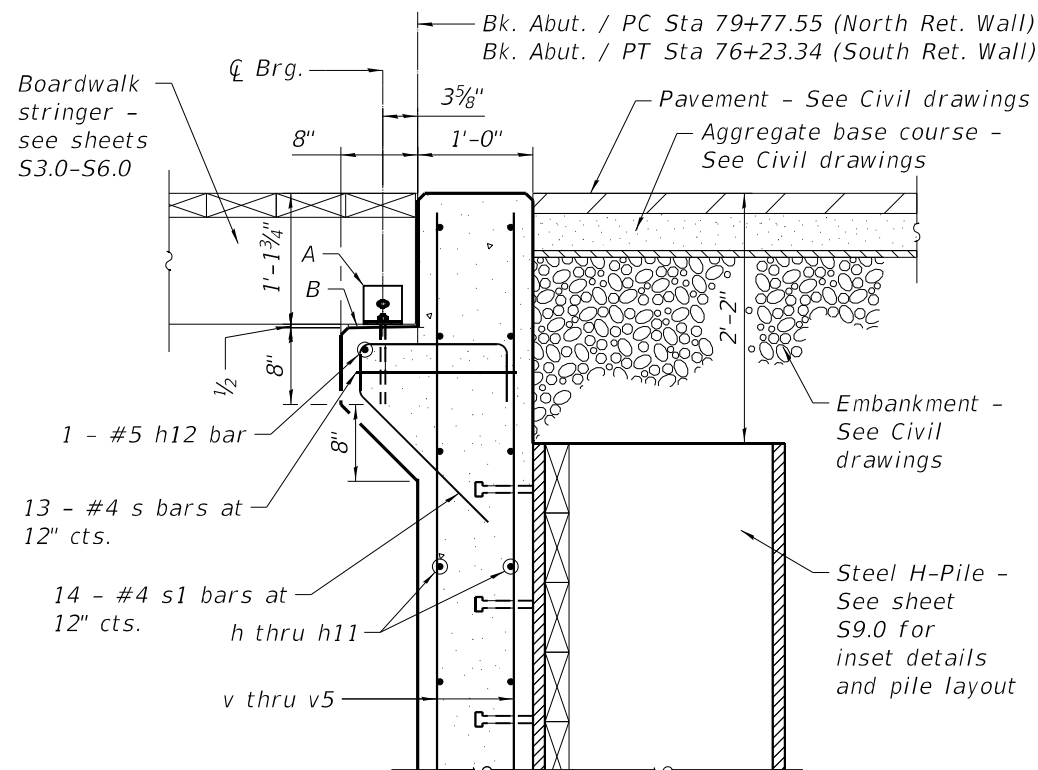
CONSTRUCTION JOINT DETAIL
Reinforcement to pass thru joint



UNDERDRAIN DETAILS
(between soldier piles)



UNDERDRAIN DETAILS
(at soldier piles)

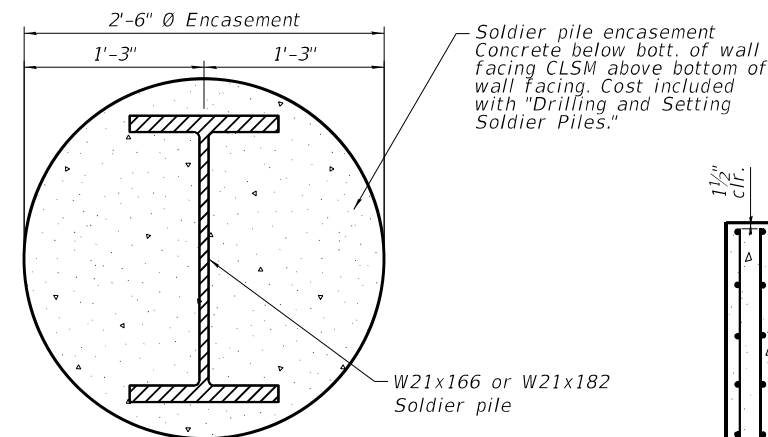


A - L4x4x1/4" x 4", w/ 3/16" x 1 1/4" long slot hole, ea. side of stringer. Fasten angles together thru stringer w/ 1/2" dia bolts (Gr. 36). Fasten ea. angle to concrete corbel w/ 1/2" dia x 8" anchor bolts (F1554 Gr. 36). Anchor bolts for side retainers shall be installed in holes drilled in the concrete after members are in place. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications. Side retainers and bolts shall be galvanized.

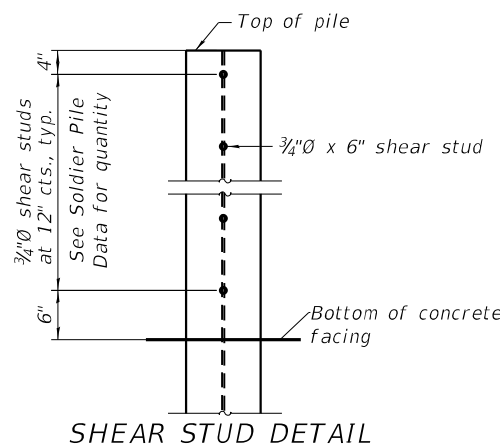
B - 1/2" fabric bearing pad. Slope top of corbel away from back of back of abutment with a total drop of 1/8".

See sheet S7.0 and S8.0 for Bill of Material.

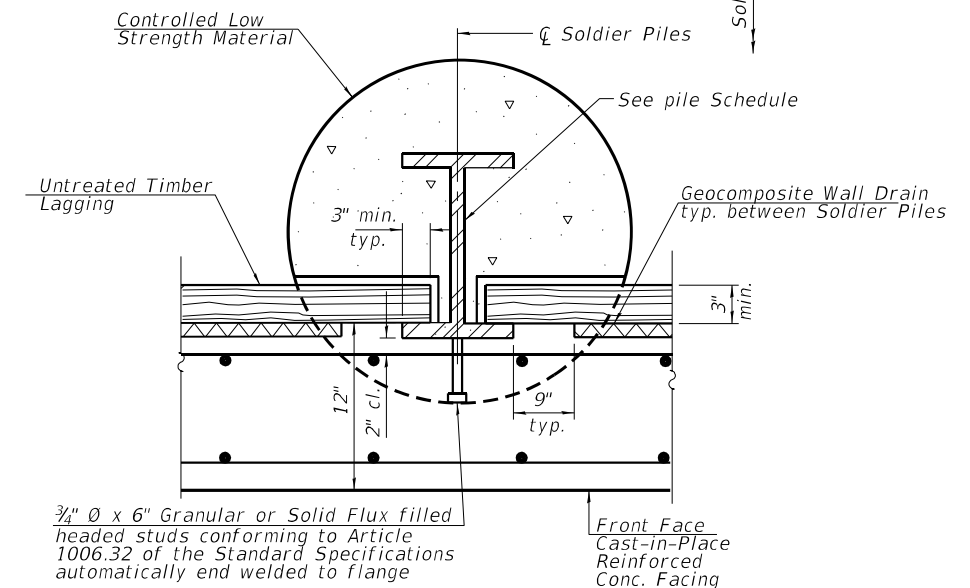
CONCRETE CORBEL DETAIL



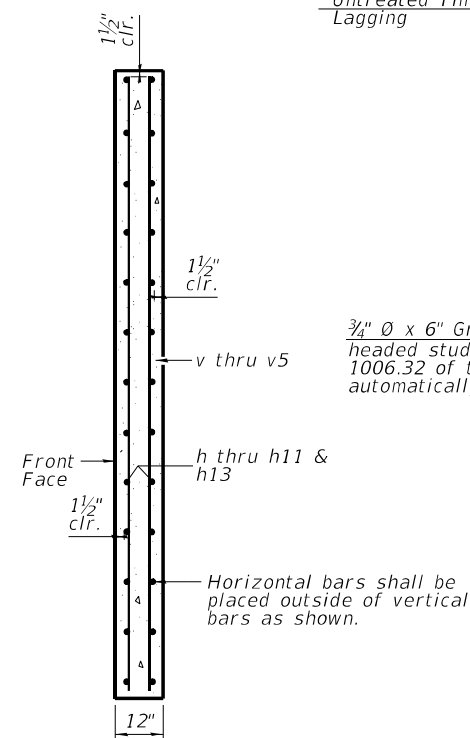
SECTION THRU SOLDIER PILE
Typical at Soldier Piles



SHEAR STUD DETAIL



PLAN
(at pile)



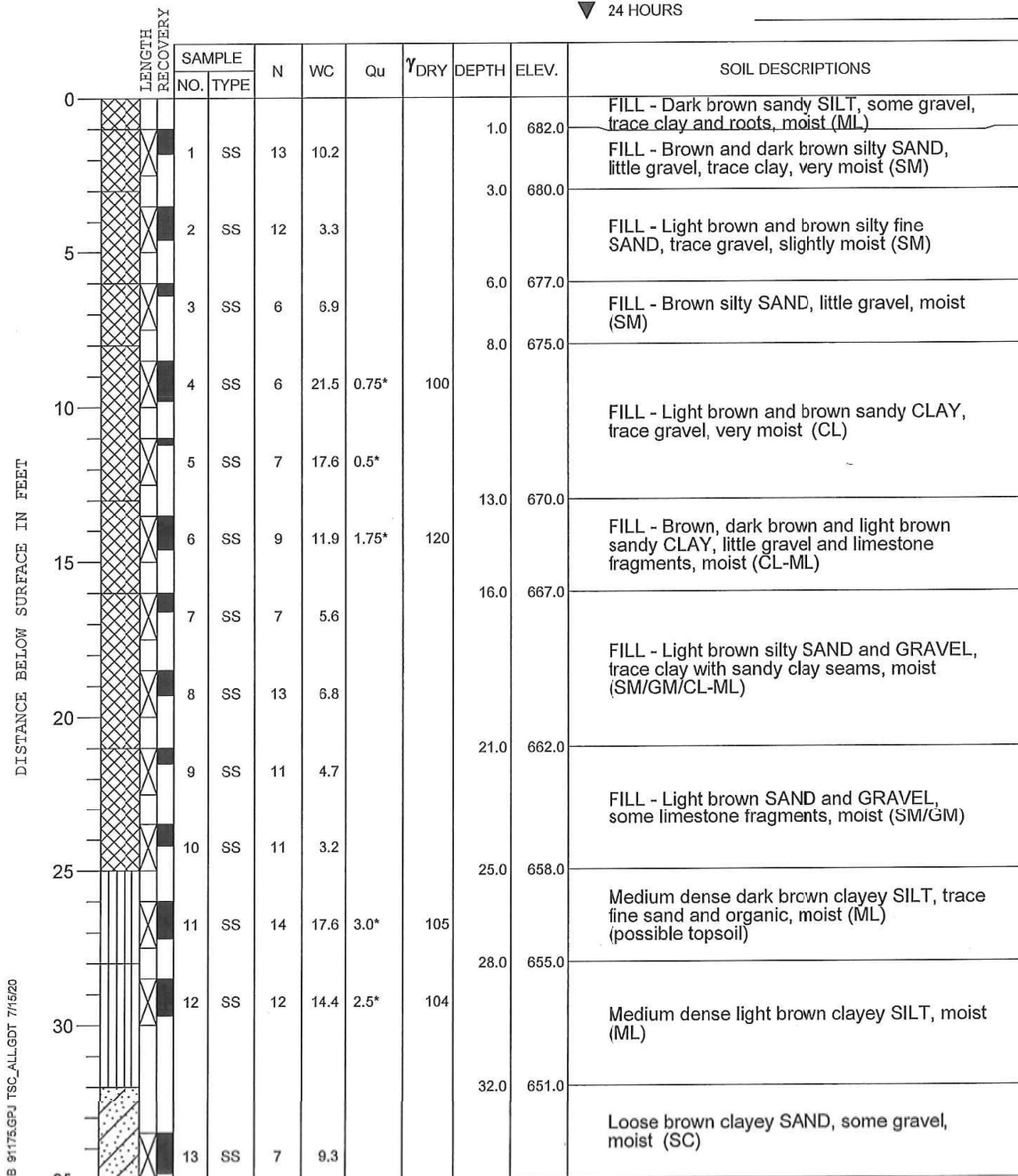
SECTION THRU FACING

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PROJECT Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois
 CLIENT Fehr Graham, Rochelle, Illinois
 BORING 102 DATE STARTED 5-22-20 DATE COMPLETED 6-5-20 JOB L-91,175



ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE 683.0 WHILE DRILLING 43.0'
 END OF BORING 638.0 AT END OF BORING 43.0'
 24 HOURS

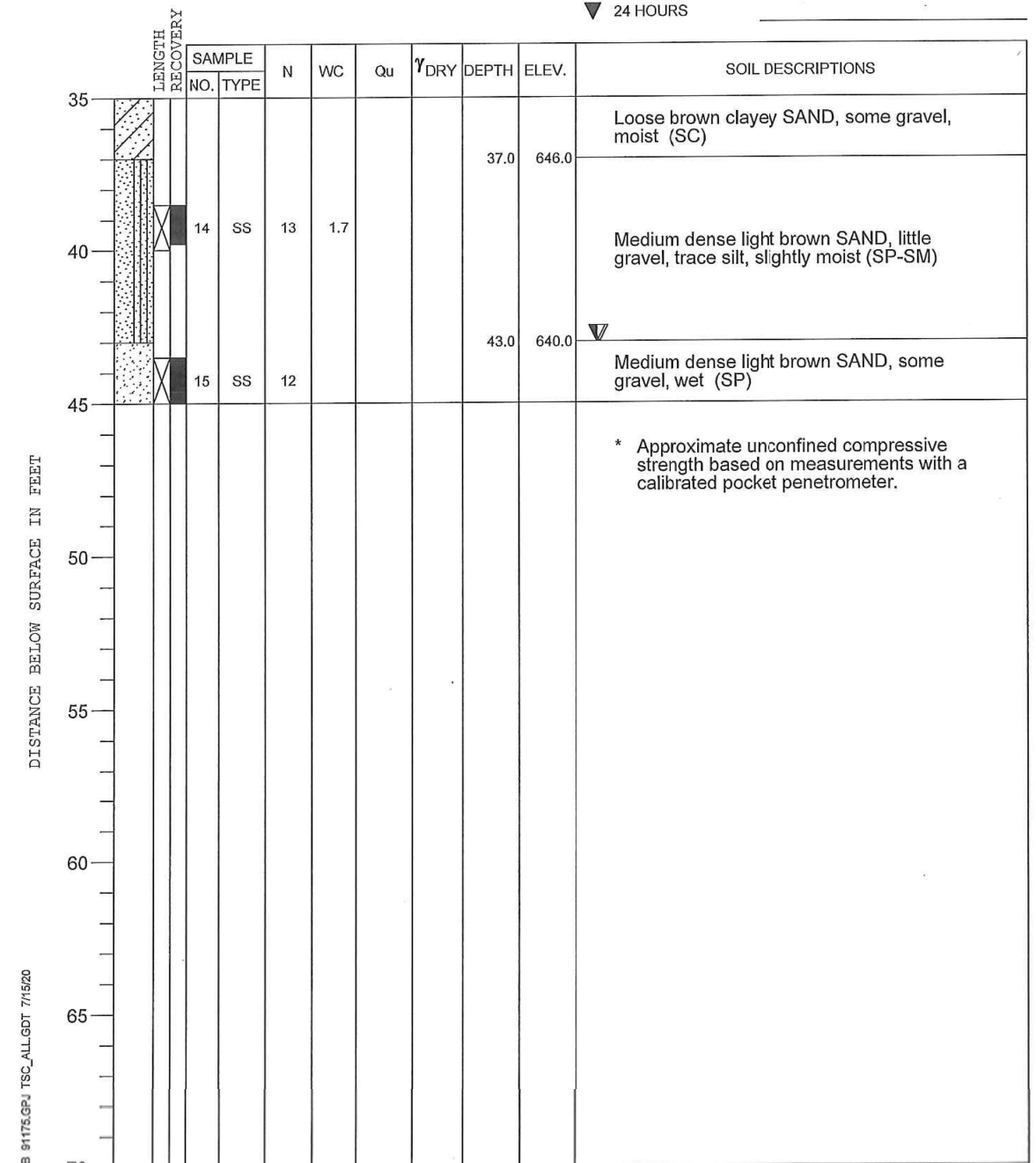


DRILL RIG NO. 334 End of Boring at 45.0' Page 1 of 2

PROJECT Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois
 CLIENT Fehr Graham, Rochelle, Illinois
 BORING 102 DATE STARTED 5-22-20 DATE COMPLETED 6-5-20 JOB L-91,175



ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE 683.0 WHILE DRILLING 43.0'
 END OF BORING 638.0 AT END OF BORING 43.0'
 24 HOURS



DRILL RIG NO. 334 End of Boring at 45.0' Page 2 of 2



ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: CFC
APPROVED BY: MCB
DATE: 11/15/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
BORING LOGS 1
SN 052-P003.1
SET TYPE: FOR BID SET

JOB NUMBER:
17-067B
SHEET NUMBER:
S11.0

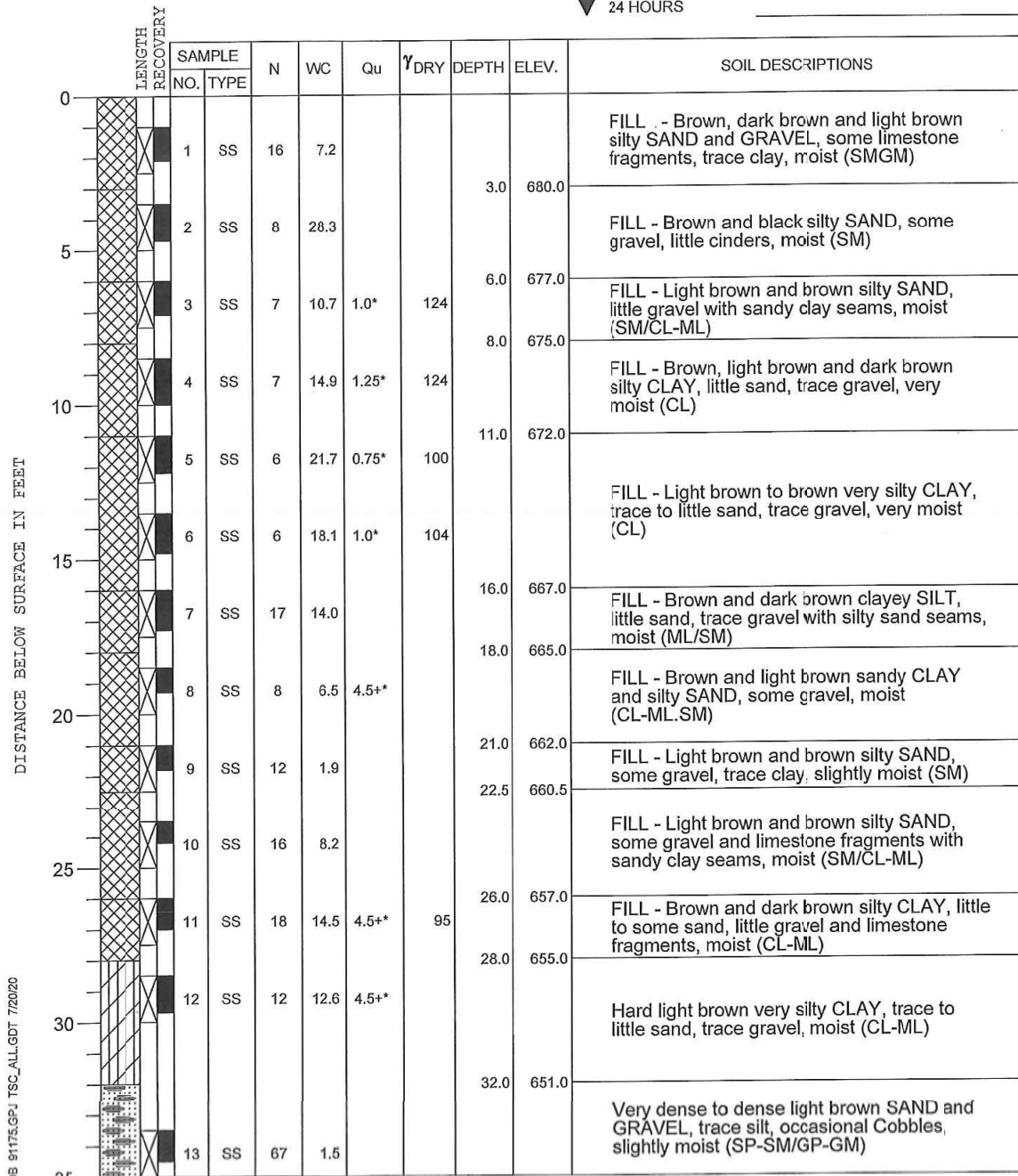
PROJECT **Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois**

CLIENT **Fehr Graham, Rochelle, Illinois**

BORING **103** DATE STARTED **5-22-20** DATE COMPLETED **6-3-20** JOB **L-91,175**



ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **683.0** WHILE DRILLING **43.0'**
 END OF BORING **638.0** AT END OF BORING **43.0'**
 24 HOURS



DRILL RIG NO. **334** End of Boring at 45.0' Page 1 of 2

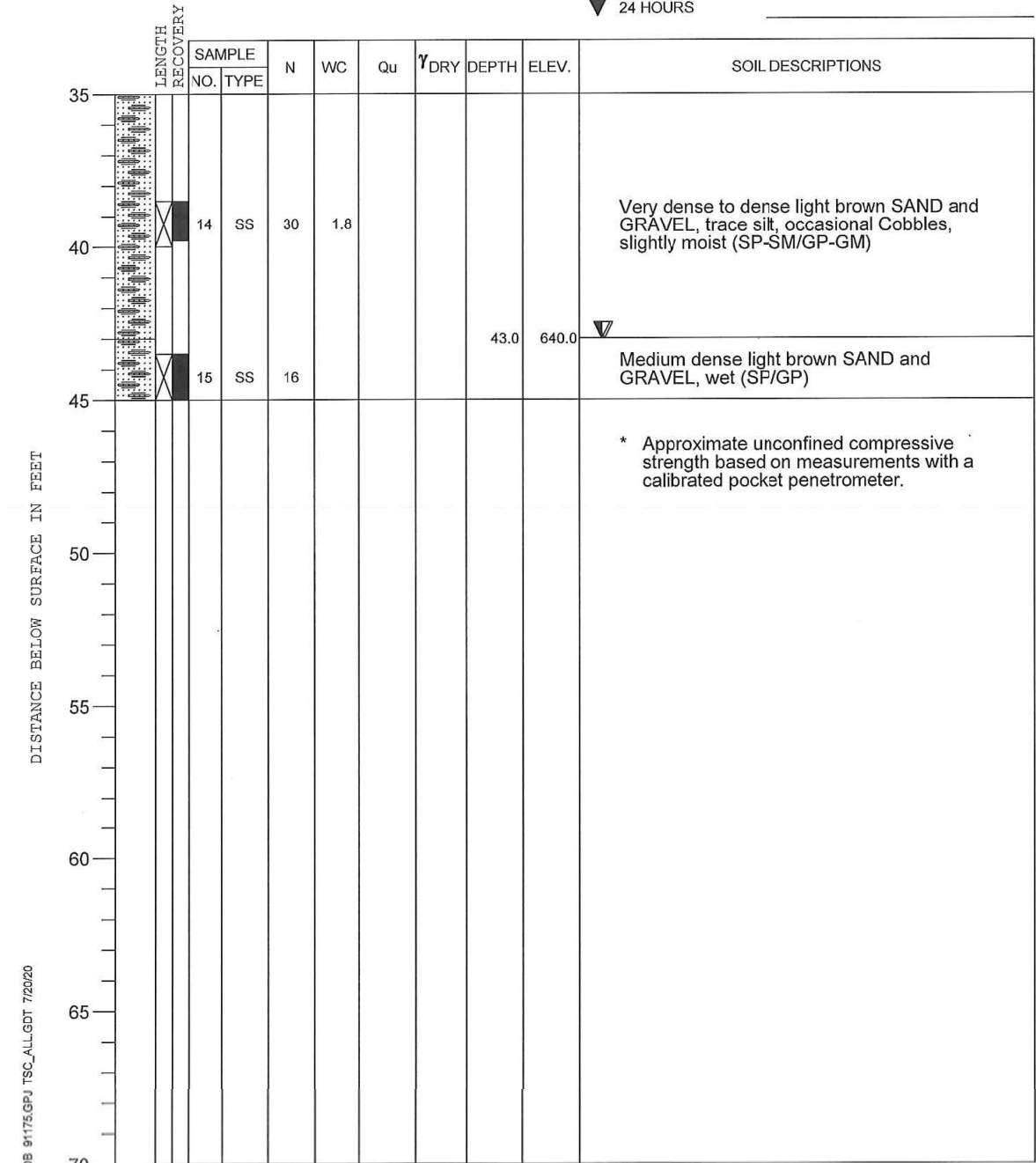
PROJECT **Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois**

CLIENT **Fehr Graham, Rochelle, Illinois**

BORING **103** DATE STARTED **5-22-20** DATE COMPLETED **6-3-20** JOB **L-91,175**



ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **683.0** WHILE DRILLING **43.0'**
 END OF BORING **638.0** AT END OF BORING **43.0'**
 24 HOURS



DRILL RIG NO. **334** End of Boring at 45.0' Page 2 of 2



ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: CFC
APPROVED BY: MCB
DATE: 11/15/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

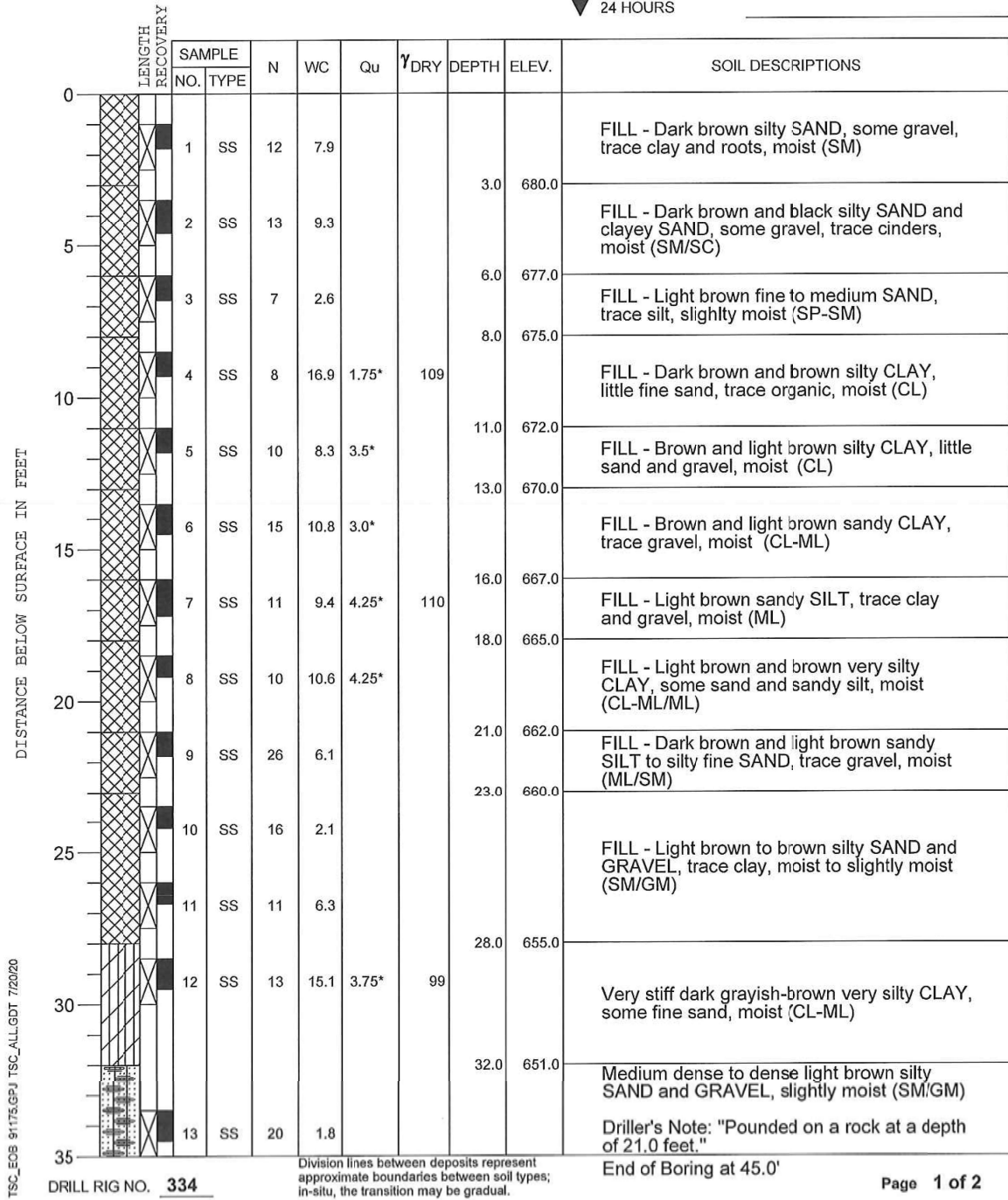
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SN 052-P003.1
SET TYPE: FOR BID SET

JOB NUMBER:
17-067B
SHEET NUMBER:
S12.0

PROJECT **Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois**
 CLIENT **Fehr Graham, Rochelle, Illinois**
 BORING **104** DATE STARTED **5-22-20** DATE COMPLETED **6-4-20** JOB **L-91,175**



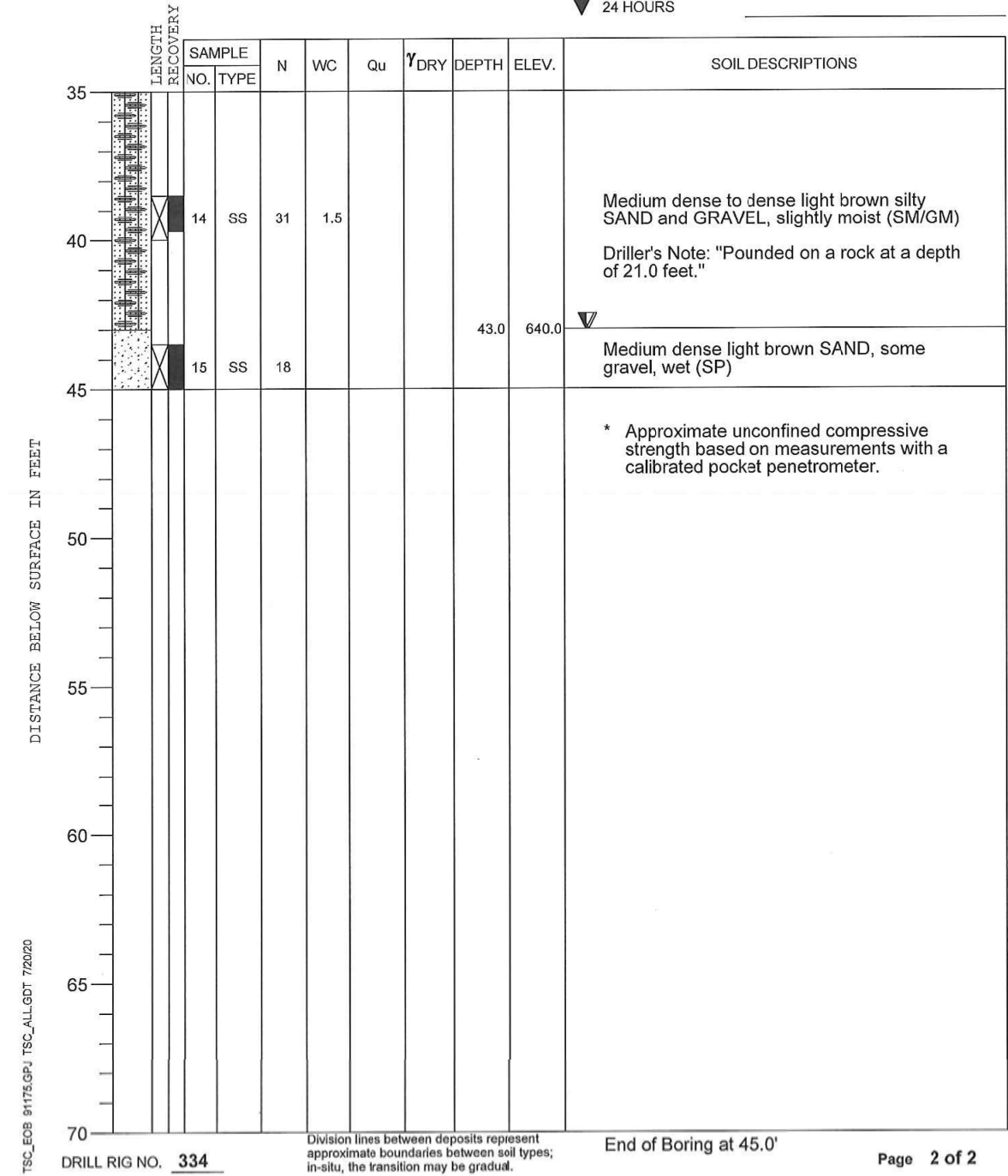
ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **683.0** WHILE DRILLING **43.0'**
 END OF BORING **638.0** AT END OF BORING **43.0'**
 24 HOURS



PROJECT **Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois**
 CLIENT **Fehr Graham, Rochelle, Illinois**
 BORING **104** DATE STARTED **5-22-20** DATE COMPLETED **6-4-20** JOB **L-91,175**



ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **683.0** WHILE DRILLING **43.0'**
 END OF BORING **638.0** AT END OF BORING **43.0'**
 24 HOURS



ILLINOIS
IOWA
WISCONSIN

OWNER/DEVELOPER:
CITY OF DIXON
121 WEST 2ND STREET
DIXON, IL 61016

PROJECT AND LOCATION:
SHARED USE PATH EXTENSION
SEC 17-00178-00-BT
PROJECT NO. MXY3(094)
JOB C-92-024-19

DRAWN BY: CFC
APPROVED BY: MCB
DATE: 11/15/22
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

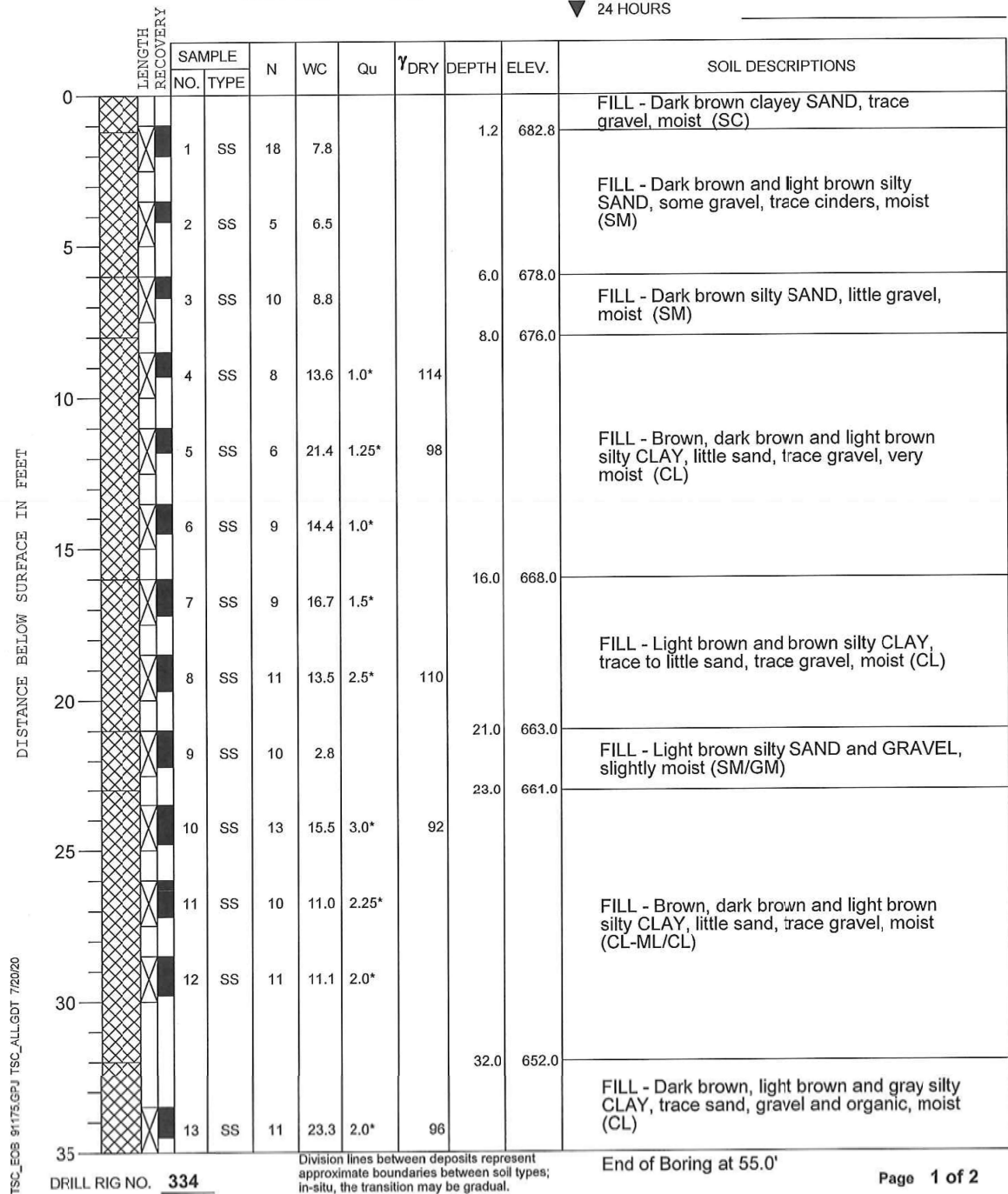
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BORING LOGS III
SN 052-P003.1
SET TYPE: FOR BID SET

JOB NUMBER:
17-067B
SHEET NUMBER:
S13.0

PROJECT **Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois**
 CLIENT **Fehr Graham, Rochelle, Illinois**
 BORING **105** DATE STARTED **5-22-20** DATE COMPLETED **6-4-20** JOB **L-91,175**



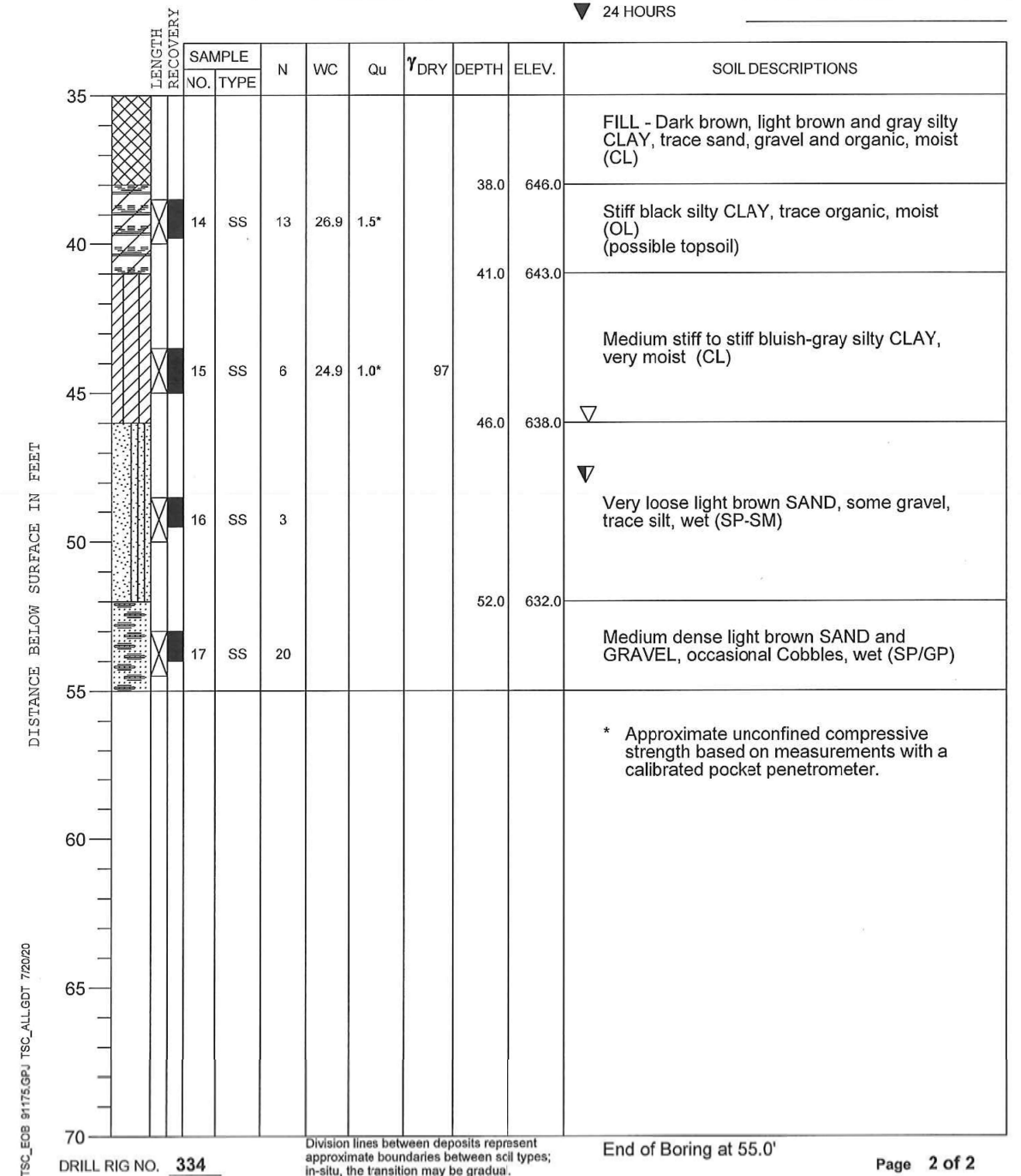
ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **684.0** WHILE DRILLING **48.0'**
 END OF BORING **629.0** AT END OF BORING **46.0'**
 24 HOURS



PROJECT **Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois**
 CLIENT **Fehr Graham, Rochelle, Illinois**
 BORING **105** DATE STARTED **5-22-20** DATE COMPLETED **6-4-20** JOB **L-91,175**



ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **684.0** WHILE DRILLING **48.0'**
 END OF BORING **629.0** AT END OF BORING **46.0'**
 24 HOURS



FEHR GRAHAM
 ENGINEERING & ENVIRONMENTAL
 ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
 IOWA
 WISCONSIN

OWNER/DEVELOPER:
 CITY OF DIXON
 121 WEST 2ND STREET
 DIXON, IL 61016

PROJECT AND LOCATION:
 SHARED USE PATH EXTENSION
 SEC 17-00178-00-BT
 PROJECT NO. MXY3(094)
 JOB C-92-024-19

DRAWN BY: CFC
 APPROVED BY: MCB
 DATE: 11/15/22
 SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
 BORING LOGS IV
 SN 052-P003.1

SET TYPE: FOR BID SET

JOB NUMBER:
 17-067B

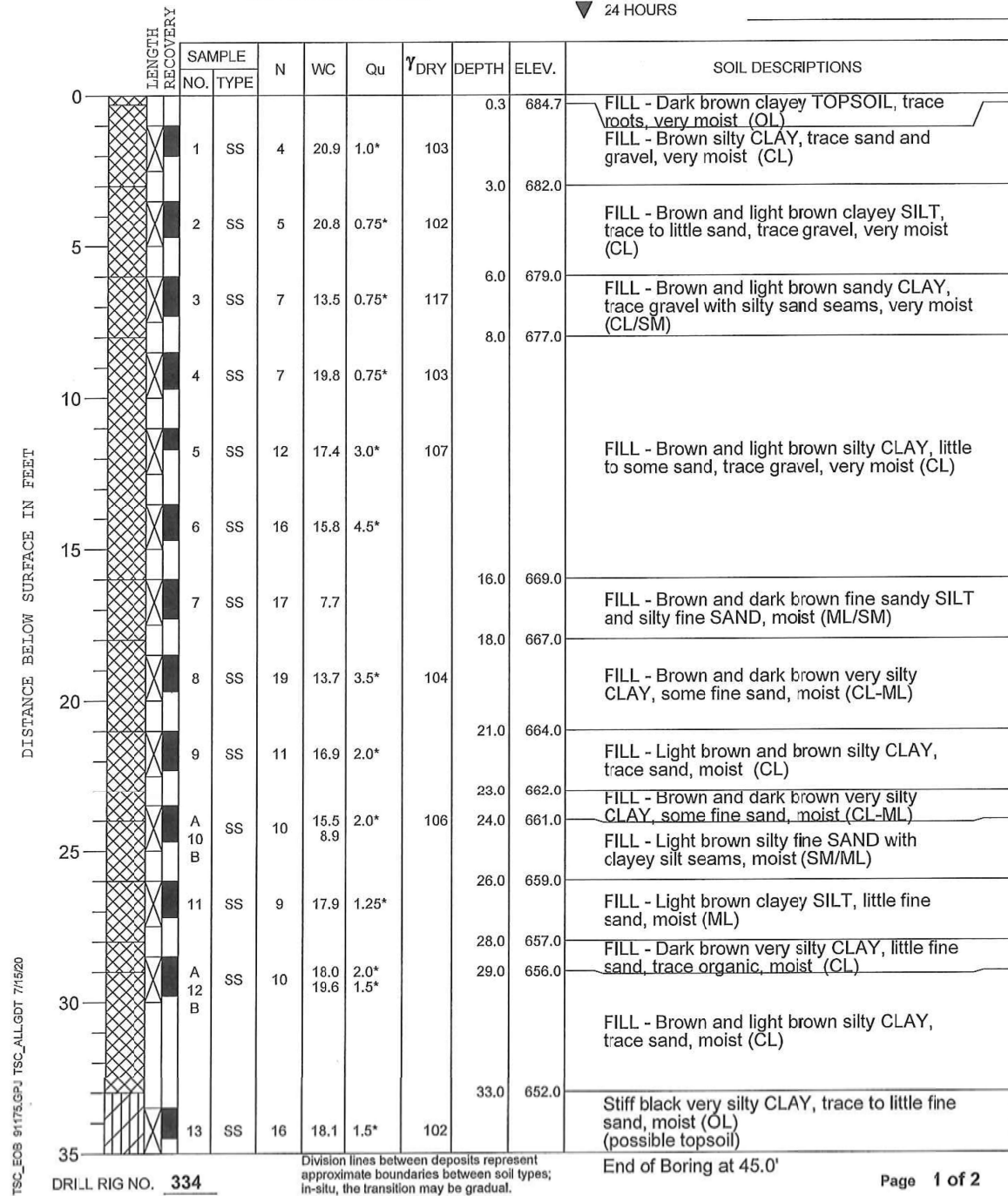
SHEET NUMBER:
 S14.0

PROJECT **Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois**

CLIENT **Fehr Graham, Rochelle, Illinois**

BORING **106** DATE STARTED **5-22-20** DATE COMPLETED **6-3-20** JOB **L-91,175**

ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **685.0** WHILE DRILLING **Dry**
 END OF BORING **640.0** AT END OF BORING **Dry**
 24 HOURS

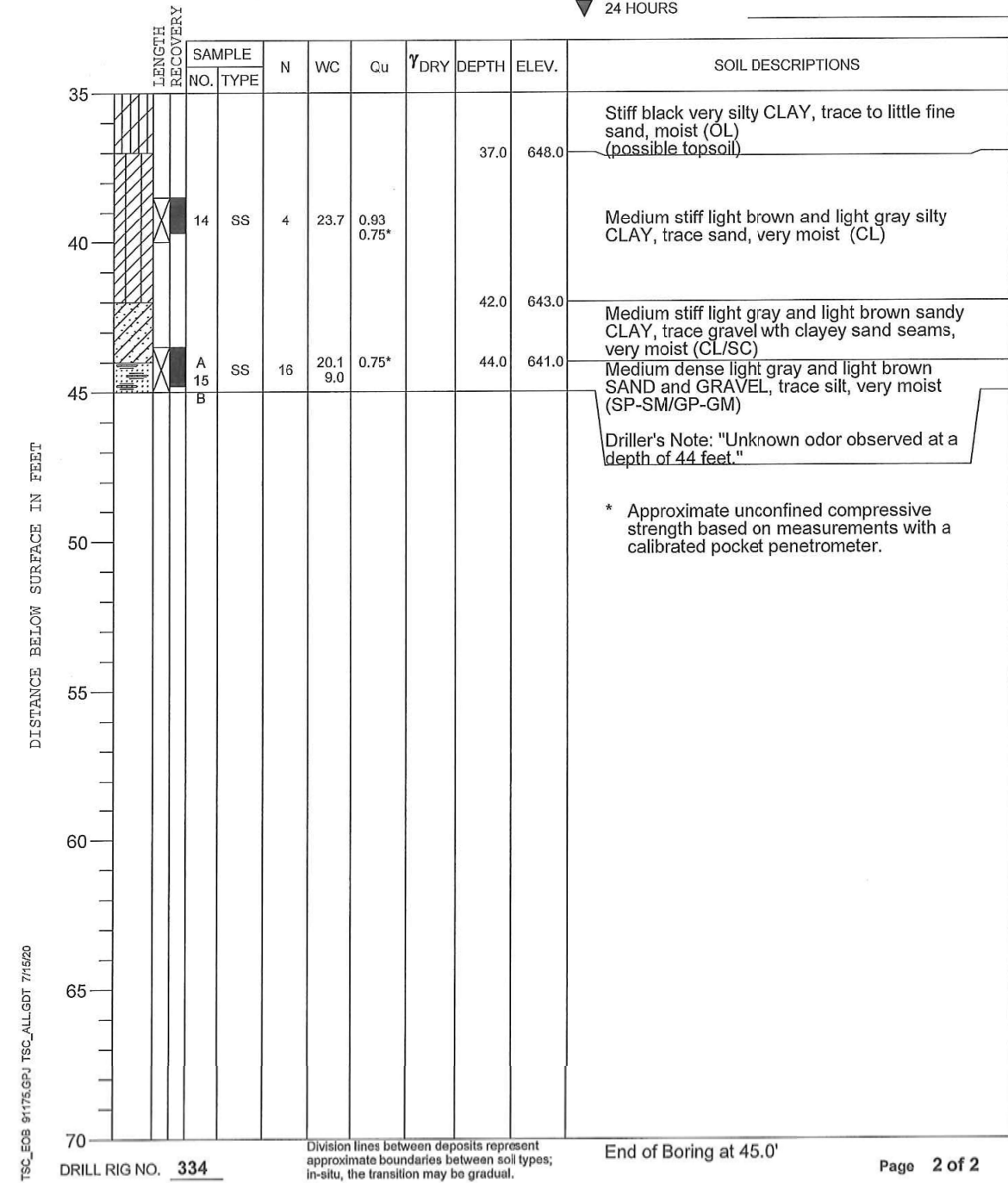


PROJECT **Proposed Boardwalk Shared Use Path Extensions, Dixon, Illinois**

CLIENT **Fehr Graham, Rochelle, Illinois**

BORING **106** DATE STARTED **5-22-20** DATE COMPLETED **6-3-20** JOB **L-91,175**

ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **685.0** WHILE DRILLING **Dry**
 END OF BORING **640.0** AT END OF BORING **Dry**
 24 HOURS



REVISIONS		
REV. NO.	DESCRIPTION	DATE