09-18-2026 LETTING ITEM 025

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	1
	ILLINOIS	CONTRACT NO. 61M58		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

DES PLAINES RIVER TRAIL SEGMENT 7
IL ROUTE 64 (NORTH AVENUE) TO FULLERTON AVE
BIKE PATH
SECTION NO.: 19–00037–02–BT
PROJECT NO.: 1SPT(993)
FOREST PRESERVE DISTRICT OF COOK COUNTY
COOK COUNTY
JOB NO.: C–91–263–26

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF APPLICABLE HIGHWAY STANDARDS SEE SHEET 2

TRAFFIC DATA
NORTH AVENUE (IL ROUTE 64)
ADT = 41,200 (2023)
40 MPH POSTED SPEED
OTHER PRINCIPAL ARTERIAL

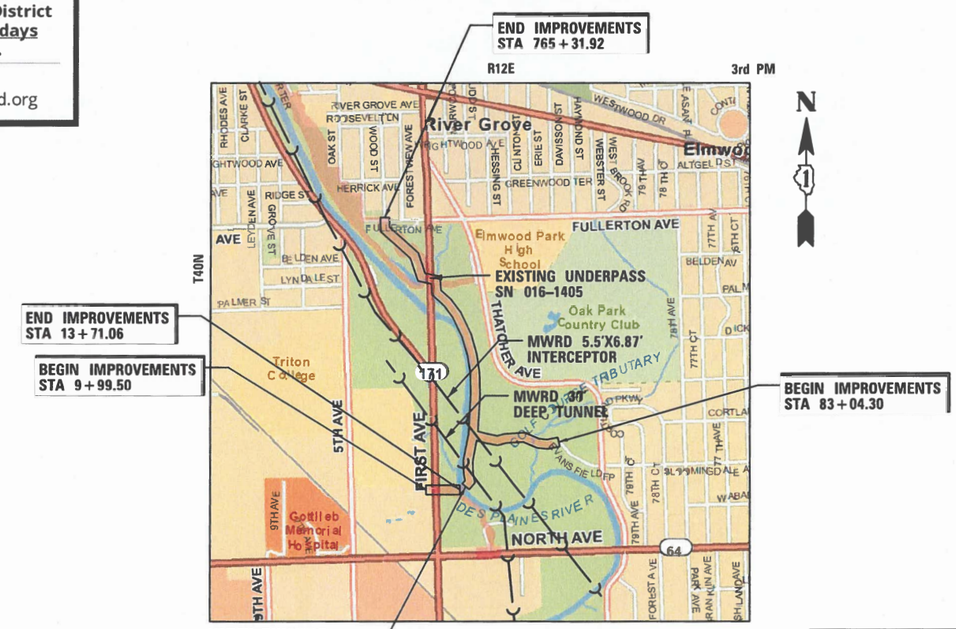
FLOOD PROTECTION AREA STATEMENT
THE FOLLOWING FLOOD PROTECTION AREAS ARE LOCATED WITHIN 100 FEET OF THE DEVELOPMENT:
FLOODPLAIN, FLOODWAY AND WETLANDS

Mark Thomas
MARK B. THOMAS, P.E.

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE STORMWATER AND DRAINAGE OF SURFACE WATERS MEET THE MINIMUM CRITERIA FOR STORMWATER MANAGEMENT IN ACCORDANCE WITH LOCAL AND COUNTY STANDARDS.

Mark Thomas
MARK B. THOMAS, P.E.

Contact the Metropolitan Water Reclamation District of Greater Chicago 2 days before starting work.
P (708) 588-4055
E WMOJobStart@mwrd.org



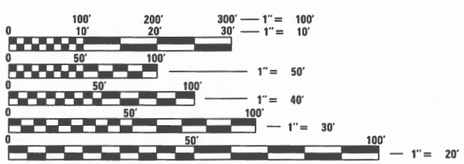
LOCATION MAP
(NOT TO SCALE)

GROSS LENGTH = 6,661 FT. = 1.26 MILE
NET LENGTH = 6,661 FT. = 1.26 MILE

LOCATION OF SECTION INDICATED THUS: –

APPROVED	Elise Sattler 6/4/2026 — DIRECTOR OF PLANNING AND DEVELOPMENT, FOREST PRESERVE DISTRICT OF COOK COUNTY
APPROVED	Brock Leder 6/03/26 — PUBLIC WORKS DIRECTOR, VILLAGE OF RIVER GROVE
PASSED	July 17, 2026 — DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS
RELEASED FOR BID BASED ON LIMITED REVIEW	July 17, 2026 — REGIONAL ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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

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

MARK B. THOMAS 062-057218 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

Mark Thomas — ENGINEER — 06/03/2026 DATE
MARK B. THOMAS
ILLINOIS REGISTRATION No. 062-057218
EXPIRATION DATE: 11 30/2027

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

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

CONTRACT NO. 61M58

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022: THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS DATED JANUARY 1, 2026, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), THE "DETAILS" IN THE PLANS, AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THIS PROJECT.

3. THE CONTRACTOR SHALL LIMIT HIS/HER CONSTRUCTION ACTIVITIES TO THE WORK AREAS DESIGNATED ON THE PLANS. ANY DAMAGE TO AREAS OUTSIDE OF THESE LIMITS SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

4. THE CONTRACTOR SHALL NOTIFY THE NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT (224-875-7580) AT LEAST 7 WORKING DAYS PRIOR TO THE ONSET OF CONSTRUCTION.

5. THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.

6. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

7. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

8. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

9. ANY AGGREGATE SUBGRADE CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

10. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.

11. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND HIGH VISIBILITY TEMPORARY FENCING AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO SILT FENCE OR TEMPORARY FENCE SHALL BE CONSTRUCTED WITHIN THE "NO EXCAVATION ZONE". NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

12. IF ANY PREVIOUSLY UNKNOWN HISTORIC, CULTURAL OR ARCHELOGICAL REMAINS AND ARTIFACTS ARE DISCOVERED DURING CONSTRUCTION, THE USACE CHICAGO DISTRICT OFFICE SHALL BE NOTIFIED IMMEDIATELY. TO THE MAXIMUM EXTENT PRACTICABLE, AVOID CONSTRUCTION ACTIVITIES THAT MAY AFFECT THE REMAINS AND ARTIFACTS UNTIL THE REQUIRED COORDINATION HAS BEEN COMPLETED.

13. **UTILITIES**

(A) ALL UNDERGROUND UTILITY LOCATIONS, INCLUDING BUT NOT LIMITED TO SANITARY AND STORM SEWERS, WATER MAINS AND THEIR RESPECTIVE SERVICE LINES, SHOWN ON THE PLANS ARE APPROXIMATE ONLY. UNDERGROUND FACILITIES REPRESENTS ONLY THE OPINION OF THE VILLAGE, AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL UTILITIES AS NECESSARY, PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. AT (800) 892-0123, AND ALL PUBLIC AND PRIVATE UTILITIES BEFORE STARTING CONSTRUCTION.

(B) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.

14. **STORM SEWER CONSTRUCTION**

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED.

15. **SOIL EROSION AND SEDIMENT CONTROL**

(A) SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.

(B) UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. A COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) MUST BE MAINTAINED ON THE SITE AT ALL TIMES.

(C) THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.

(D) THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL TEMPORARY OR PERMANENT EROSION PROTECTION TO CONTROL SOIL EROSION, OR INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.

(E) ACCESS TO THE WORK AREA WILL ONLY BE ALLOWED FROM STABILIZED CONSTRUCTION ENTRANCES. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAYS MUST BE REMOVED IMMEDIATELY.

(F) DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.

(G) CONSTRUCTION ACTIVITIES MUST BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED. IN NO CASE WILL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.

(H) ALL DISTURBED SOILS ARE TO BE STABILIZED, TEMPORARILY OR PERMANENTLY, WITHIN SEVEN (7) DAYS OF CONSTRUCTION ACTIVITY HAVING CEASED IF THE SOIL IS TO REMAIN UNDISTURBED FOR MORE THAN FOURTEEN (14) DAYS.

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701801 - 06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
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720006 - 04	SIGN PANEL ERECTION DETAILS
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DISTRICT ONE DETAILS

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TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-01	STANDARD TRAFFIC SIGNAL DETAILS

COMMITMENTS

WETLANDS SHALL BE PROTECTED DURING CONSTRUCTION, UTILIZING EROSION CONTROL BARRIER AND HIGH VISIBILITY FENCING.

FORESTED AREAS WITHIN MEDIUM-QUALITY RUSTY PATCHED BUMBLE BEE (RPBB) HABITAT THAT ARE LOCATED OUTSIDE THE FLOODWAY SHALL BE CLEARED BETWEEN AUGUST 1ST AND OCTOBER 10TH TO AVOID CLEARING DURING THE RPBB OVERWINTERING PERIOD AND TO AVOID BAT PUP SEASON.

IN AREAS THAT ARE NOT SUITABLE FOR RPBB (LOW OR NO-QUALITY RPBB HABITAT AREAS), TYPICAL TREE CLEARING RESTRICTIONS APPLY (I.E., NO CLEARING OF TREES WITH A 3-INCH OR GREATER DIAMETER AT BREAST HEIGHT [DBH] FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR).

LAYDOWN, STAGING, AND OTHER CONSTRUCTION ACTIVITIES WHICH WILL CAUSE GROUND DISTURBANCE WITHIN MEDIUM-QUALITY RPBB HABITAT LOCATED OUTSIDE THE FLOODWAY SHALL NOT BE PERFORMED DURING THE OVERWINTERING SEASON (OCTOBER 11TH TO APRIL 14TH).

HERBACEOUS AREAS WITHIN MEDIUM-QUALITY RPBB HABITAT THAT WILL BE IMPACTED BY THE PROJECT CONSTRUCTION WILL BE MOWED DURING THE GROWING SEASON AS NEEDED (~MARCH 15TH TO OCTOBER 14TH) DURING THE YEAR OF CONSTRUCTION TO KEEP FLORAL RESOURCES FROM BLOOMING AND TO NOT REMOVE POTENTIAL BUNCH GRASS NESTING SITES.

NO PARKING OR CONSTRUCTION STAGING SHALL OCCUR OUTSIDE OF THE DESIGNATED AREAS WITHIN MEDIUM-QUALITY RPBB HABITAT.

ANY AREAS TEMPORARILY DISTURBED IN THE MEDIUM-QUALITY RPBB HABITAT AREAS SHALL BE RESEEDED WITH NATIVE PRAIRIE/WOODLAND MIXES SUCH AS IDOT CLASS 4 OR 5, AS APPROPRIATE.

IF ANY ARCHEOLOGICAL MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE IDNR SHALL BE NOTIFIED.

NO GROUND DISTURBANCE AT ARCHEOLOGICAL SITES 11CK641, 11CK642 AND 11CK1347 AND THE OUTDOOR SHELTER IN SCHILLER WOODS SOUTH AT SCHILLER PARK.

THE CONTRACTOR SHALL NOT REMOVE MORE THAN 7.04 ACRES OF HABITAT SUITABLE FOR THE TRI-COLORED BAT BETWEEN THE DATES OF AUGUST 1ST AND OCTOBER 10TH. IF THIS AMOUNT IS EXCEED FOR ANY REASON, IDOT NATURAL RESOURCE UNIT DOT.BDE.NATURALRESOURCES-ESR@ILLINOIS.GOV SHALL BE NOTIFIED SO THAT THEY CAN REINITIATE CONSULTATION WITH USFWS FOR THE TRI-COLORED BAT.

MWRD GENERAL NOTES

A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
   * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JAN 1, 2022), BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
   * VILLAGE OF RIVER GROVE MUNICIPAL CODE;
   * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL;
   * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
2. THE VILLAGE OF RIVER GROVE PUBLIC WORKS DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.

C. GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
2. THE ENGINEER, IN COORDINATION WITH THE MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
5. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
6. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
7. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.

D. SANITARY SEWER

1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE ENGINEER IN COORDINATION WITH SCHILLER PARK AND/OR MWRD.
4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

PIPE MATERIAL	PIPE SPECS	JOINT SPECS
VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425
REINFORCED CONCRETE SEWER PIPE	ASTM C-76	ASTM C-443
CAST IRON SOIL PIPE	ASTM A-74	ASTM C-564
DUCTILE IRON PIPE	AANSI A21.51	ANSI A21.11
POLYVINYL CHLORIDE (PVC) PIPE		
6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212
18-INCH TO 27-INCH DIAMETER F/DY=46	ASTM F-679	ASTM D-3212
HIGH DENSITY POLYETHYLENE (HDPE)	ASTM D-3350	ASTM D-3261, F-2620 (HEAT FUSION)
	ASTM-3035	ASTM D-3212, F-477 (GASKETED)
WATER MAIN QUALITY PVC		
4-INCH TO 36-INCH	ASTM D-2241	ASTM D-3139
4-INCH TO 12-INCH	AWWA C900	ASTM D-3139
14-INCH TO 48-INCH	AWWA C905	ASTM D-3139

THE FOLLOWING MATERIALS ARE ALLOWED ON A QUALIFIED BASIS SUBJECT TO DISTRICT REVIEW AND APPROVAL PRIOR TO PERMIT ISSUANCE. A SPECIAL CONDITION WILL BE ADDED TO THE PERMIT WHEN THE PIPE MATERIAL BELOW IS USED FOR SEWER CONSTRUCTION OR A CONNECTION IS MADE.

PIPE MATERIAL	PIPE SPECS	JOINT SPECS
POLYPROPYLENE (PP) PIPE		
12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477
30 INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	D3212, F-477

8. ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¼" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-7, CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
9. NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
10. ALL MANHOLES SHALL BE PROVIDED WITH BOLTED, WATERTIGHT COVERS. SANITARY LIDS SHALL BE CONSTRUCTED WITH A CONCEALED PICKHOLE AND WATERTIGHT GASKET WITH THE WORD "SANITARY" CAST INTO THE LID.
11. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
    a. A CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
    b. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
    c. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING COUPLINGS TO HOLD IT FIRMLY IN PLACE.
12. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS OR IT SHALL BE ENCASED WITH A WATER MAIN QUALITY CARRIER PIPE WITH THE ENDS SEALED.
13. ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
14. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
15. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE PRECAST "RUBBER BOOTS" THAT CONFORM TO ASTM C-923 FOR ALL PIPE CONNECTIONS. PRECAST SECTIONS SHALL CONSIST OF MODIFIED GROOVE TONGUE AND RUBBER GASKET TYPE JOINTS.
16. ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
17. EXCEPT FOR FOUNDATION/FOOTING DRAINS PROVIDED TO PROTECT BUILDINGS, OR PERFORATED PIPES ASSOCIATED WITH VOLUME CONTROL FACILITIES, DRAIN TILES/FIELD TILES/UNDERDRAINS/PERFORATED PIPES ARE NOT ALLOWED TO BE CONNECTED TO OR TRIBUTARY TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS IN COMBINED SEWER AREAS. CONSTRUCTION OF NEW FACILITIES OF THIS TYPE IS PROHIBITED; AND ALL EXISTING DRAIN TILES AND PERFORATED PIPES ENCOUNTERED WITHIN THE PROJECT AREA SHALL BE PLUGGED OR REMOVED, AND SHALL NOT BE CONNECTED TO COMBINED SEWERS, SANITARY SEWERS, OR STORM SEWERS TRIBUTARY TO COMBINED SEWERS.
18. A BACKFLOW PREVENTER IS REQUIRED FOR ALL DETENTION BASINS TRIBUTARY TO COMBINED SEWERS. REQUIRED BACKFLOW PREVENTERS SHALL BE INSPECTED AND EXERCISED ANNUALLY BY THE PROPERTY OWNER TO ENSURE PROPER OPERATION, AND ANY NECESSARY MAINTENANCES SHALL BE PERFORMED TO ENSURE FUNCTIONALITY. IN THE EVENT OF A SEWER SURCHARGE INTO AN OPEN DETENTION BASIN TRIBUTARY TO COMBINED SEWERS, THE PERMITTEE SHALL ENSURE THAT CLEAN UP AND WASH OUT OF SEWAGE TAKES PLACE WITHIN 48 HOURS OF THE STORM EVENT.

E. SOIL EROSION AND SEDIMENT CONTROL PLAN

1. CONTRACTOR SHALL INSTALL INLET PROTECTION FOR ALL STRUCTURES WITHIN THE PROPSOED LIMITS OF DISTURBANCE.
2. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
3. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
4. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
6. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
   a. UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
   b. ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
7. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
8. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN MANUAL SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
9. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
10. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
11. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLUME CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.
12. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) DAYS.
13. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
14. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
15. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONTROLS. SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS.
16. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
17. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
18. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INCORPORATE THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUTARY TO A SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR GREEN INFRASTRUCTURE PRACTICES.
19. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
20. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SERVICES AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLOOD PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.
21. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
22. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
23. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
24. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, SITE INSPECTOR, OR MWRD.

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE		
SPECIALTY	CODED PAY ITEM N0.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 80 TAP/20 LA	TRAFFIC SIGNALS 0028 80 TAP/20 LA	TRAINEES 0042 80 TAP/20 LA
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	190	190		
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	100	100		
*	20101100	TREE TRUNK PROTECTION	EACH	30	30		
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	60	60		
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	60	60		
	20200100	EARTH EXCAVATION	CU YD	1914	1914		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	302	302		
	20800150	TRENCH BACKFILL	CU YD	4	4		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2137	2137		
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	577	577		
	21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	500	500		
*	25000115	SEEDING, CLASS 1B	ACRE	0.25	0.25		
*	25000312	SEEDING, CLASS 4A	ACRE	0.5	0.5		
*	25000314	SEEDING, CLASS 4B	ACRE	1.5	1.5		
*	25000320	SEEDING, CLASS 5	ACRE	0.5	0.5		
*	25000324	SEEDING, CLASS 5B	ACRE	1.5	1.5		

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE		
SPECIALTY	CODED PAY ITEM N0.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 80 TAP/20 LA	TRAFFIC SIGNALS 0028 80 TAP/20 LA	TRAINEES 0042 80 TAP/20 LA
*	25000750	MOWING	ACRE	61	61		
*	25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	10538	10538		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	225	225		
	28000400	PERIMETER EROSION BARRIER	FOOT	13519	13519		
	28000510	INLET FILTERS	EACH	7	7		
	28001105	TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	10538	10538		
	28100105	STONE RIPRAP, CLASS A3	SQ YD	3	3		
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	200	200		
	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1974	1974		
	35101598	AGGREGATE BASE COURSE, TYPE B 3"	SQ YD	2202	2202		
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	105	105		
	35800100	PREPARATION OF BASE	SQ YD	6290	6290		
	35800200	AGGREGATE BASE REPAIR	TON	1057	1057		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	14547	14547		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1439	1439		
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1183	1183		

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE		
SPECIALTY	CODED PAY ITEM N0.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 80 TAP/20 LA	TRAFFIC SIGNALS 0028 80 TAP/20 LA	TRAINEES 0042 80 TAP/20 LA
	42001300	PROTECTIVE COAT	SQ YD	94	94		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	936	936		
	42400800	DETECTABLE WARNINGS	SQ FT	221	221		
	44000100	PAVEMENT REMOVAL	SQ YD	6516	6516		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	184	184		
	44000600	SIDEWALK REMOVAL	SQ FT	23	23		
	50102400	CONCRETE REMOVAL	CU YD	2	2		
	50105220	PIPE CULVERT REMOVAL	FOOT	88	88		
	50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	7	7		
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	867	867		
	53212754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	59	59		
	53212755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	4	4		
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2		
	54214503	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	2	2		
	54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	2	2		
	54262712	METAL FLARED END SECTIONS 12"	EACH	2	2		

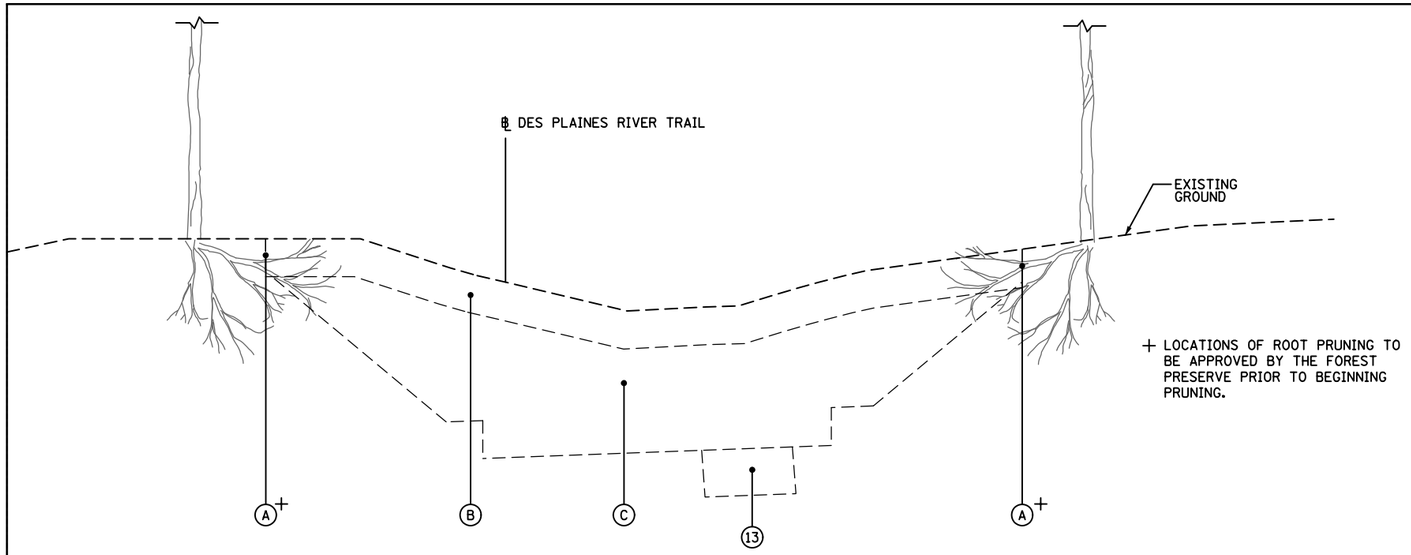
SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE		
SPECIALTY	CODED PAY ITEM N0.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 80 TAP/20 LA	TRAFFIC SIGNALS 0028 80 TAP/20 LA	TRAINEES 0042 80 TAP/20 LA
	542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	11	11		
	542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	14	14		
	542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	14	14		
	542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	19	19		
	59000200	EPOXY CRACK INJECTION	FOOT	21	21		
	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2	2		
	60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	161	161		
	60600605	CONCRETE CURB, TYPE B	FOOT	314	314		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	184	184		
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	67	67		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	120	120		
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3		
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
*	66901005	ENGINEERED BARRIER	SQ YD	200	200		
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5		

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE		
SPECIALTY	CODED PAY ITEM N0.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 80 TAP/20 LA	TRAFFIC SIGNALS 0028 80 TAP/20 LA	TRAINEES 0042 80 TAP/20 LA
	67100100	MOBILIZATION	L SUM	1	1		
*	72000100	SIGN PANEL - TYPE 1	SQ FT	66	66		
*	72400205	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1		
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	58	58		
*	72900100	METAL POST - TYPE A	FOOT	153	153		
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	2	2		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	19	19		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3153	3153		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	368	368		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	44	44		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1158	1158		
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	72		72	
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	469		469	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	485		485	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	272		272	

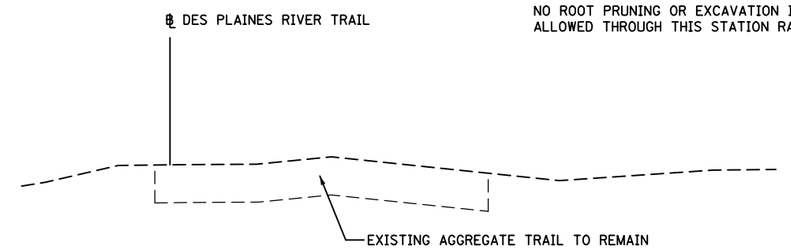
SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE		
SPECIALTY	CODED PAY ITEM N0.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 80 TAP/20 LA	TRAFFIC SIGNALS 0028 80 TAP/20 LA	TRAINEES 0042 80 TAP/20 LA
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	105		105	
*	87900200	DRILL EXISTING HANDHOLE	EACH	3		3	
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2		2	
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4		4	
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2		2	
*	89502200	MODIFY EXISTING CONTROLLER	EACH	1		1	
*	89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1		1	
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	272		272	
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1	
*	89502376	REBUILD EXISTING HANDHOLE	EACH	1		1	
	X0326806	WASHOUT BASIN	L SUM	1	1		
	X0350810	BOLLARD REMOVAL	EACH	7	7		
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3		3	
	X2010400	STUMP REMOVAL ONLY	UNIT	161	161		
	X2011001	HIGH VISIBILITY TEMPORARY FENCING	FOOT	200	200		
*	X2500007	SOIL AERATION	SQYD	2040	2040		

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE		
SPECIALTY	CODED PAY ITEM N0.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 80 TAP/20 LA	TRAFFIC SIGNALS 0028 80 TAP/20 LA	TRAINEES 0042 80 TAP/20 LA
	X2800400	PERIMETER EROSION BARRIER (SPECIAL)	FOOT	4970	4970		
	X5091600	STEEL RAILING REMOVAL	FOOT	70	70		
	X6062400	CONCRETE GUTTER (SPECIAL)	FOOT	206	206		
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	52	52		
	X7240502	RELOCATE SIGN, SPECIAL	EACH	1	1		
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4		4	
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12		12	
*	X8809005	LED SIGNAL FACE, LENS COVER	EACH	2		2	
	XX004568	TEMPORARY ACCESS ROAD	L SUM	1	1		
	XX006694	CLEARING (SPECIAL)	SQ YD	140	140		
	XX006729	PERIMETER EROSION BARRIER, ROLLED EXCELSIOR	FOOT	120	120		
	XX007037	SAFETY FENCE	FOOT	48	48		
	XX008287	BOARDWALK STRUCTURE	SQ FT	37900	37900		
	XX008310	AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL)	SQ YD	3862	3862		
*	XX009529	TREE ROOT PRESERVATION	SQ YD	200	200		

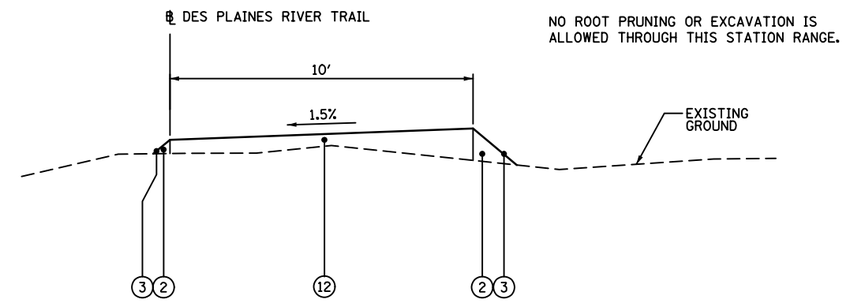
SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE		
SPECIALTY	CODED PAY ITEM N0.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 80 TAP/20 LA	TRAFFIC SIGNALS 0028 80 TAP/20 LA	TRAINEES 0042 80 TAP/20 LA
*	XX009531	TREE ROOT PRUNING (SPECIAL)	FOOT	3250	3250		
	Z0004552	APPROACH SLAB REMOVAL	SQ YD	71	71		
	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	94	94		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
	Z0015500	DEBRIS REMOVAL	L SUM	1	1		
*	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1		1	
	Z0056600	SANDBLASTING CONCRETE	SQ YD	214	214		
	Z0076600	TRAINEES	HOUR	500			500
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500			500



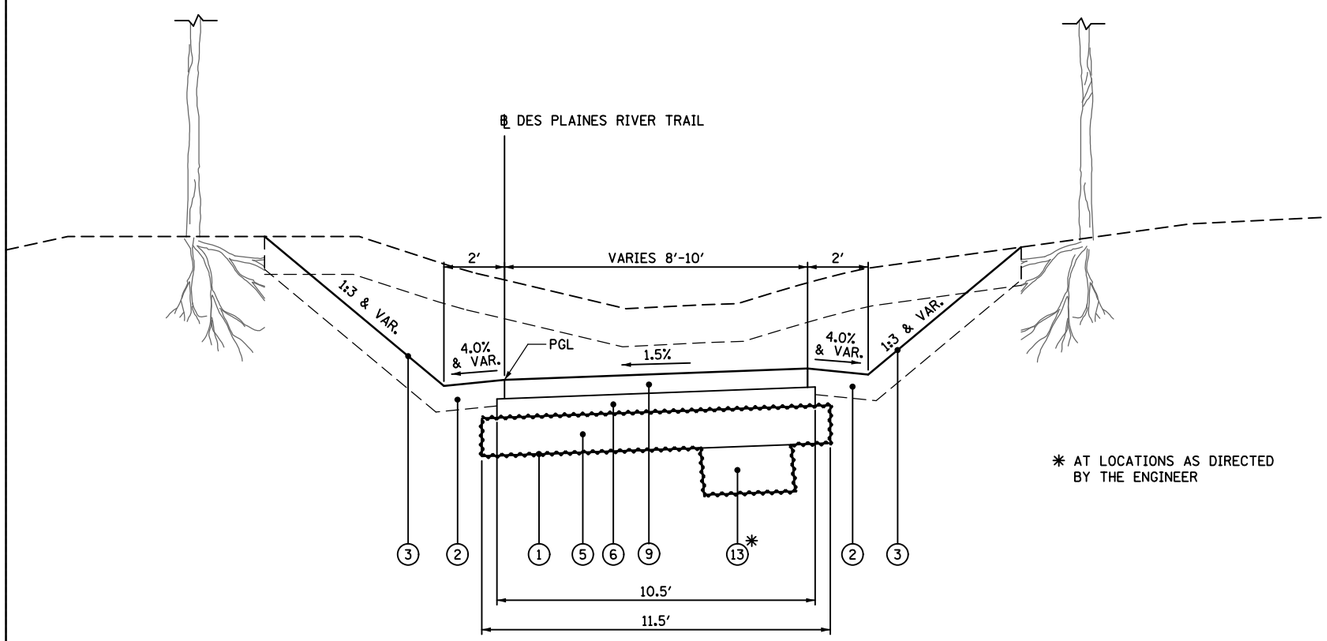
EXISTING TYPICAL SECTION
STA 749+02.11 TO STA 751+57.13



EXISTING TYPICAL SECTION
STA 729+50 TO STA 748+00
STA 753+90 TO STA 757+44
(NO EXCAVATION ZONE)



PROPOSED TYPICAL SECTION
STA 729+50 TO STA 748+00
STA 753+90 TO STA 757+44
(NO EXCAVATION ZONE)



PROPOSED TYPICAL SECTION
STA 749+02.11 TO STA 751+57.13

LEGEND

- (A) TREE ROOT PRUNING (SPECIAL) (XX009531)
- (B) TOPSOIL EXCAVATION AND PLACEMENT (21101505)
- (C) EARTH EXCAVATION (20200100)
- (1) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
- (2) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4″ MIN.)
- (3) SEEDING AND WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
- (4) CONCRETE GUTTER (SPECIAL) (X6062400)
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 6″ (31101400) •
- (6) AGGREGATE BASE COURSE, TYPE B 3″ (35101598)
- (7) AGGREGATE BASE COURSE, TYPE B 4″ (35101600)
- (8) NOT USED
- (9) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3″ (40604060)
- (10) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (42400200)
- (11) CONCRETE SUPERSTRUCTURE (APPROACH SLAB) (50301350)
- (12) AGGREGATE SURFACE COURSE, TYPE B 3″ (SPECIAL) (XX008310)
- (13) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200) AND AGGREGATE SUBGRADE IMPROVEMENT (30300001)

• SEE SPECIAL PROVISIONS FOR COARSE AGGREGATE REQUIREMENTS FOR SUBBASE GRANULAR MATERIAL, TYPE B.

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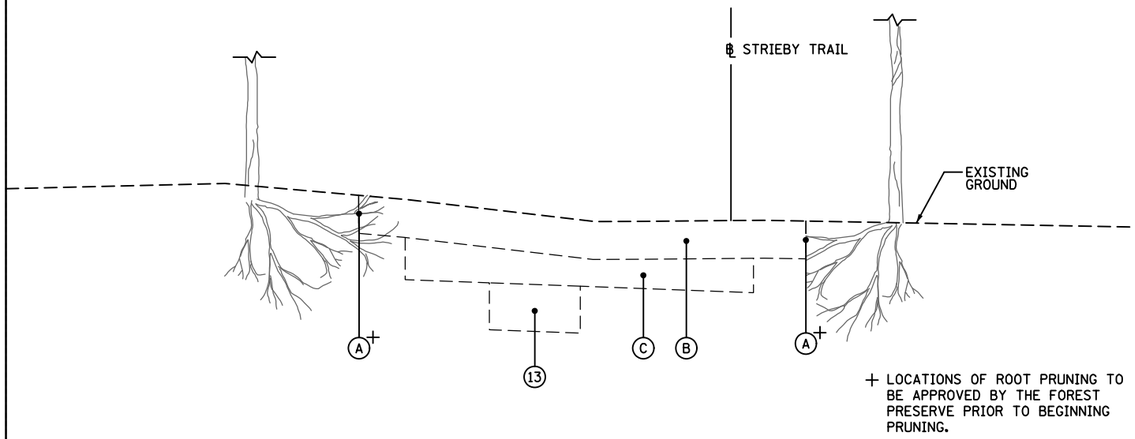
	PLOT SCALE = 5′	DRAWN -	REVISED -
Default	PLOT DATE = 7/16/2026	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

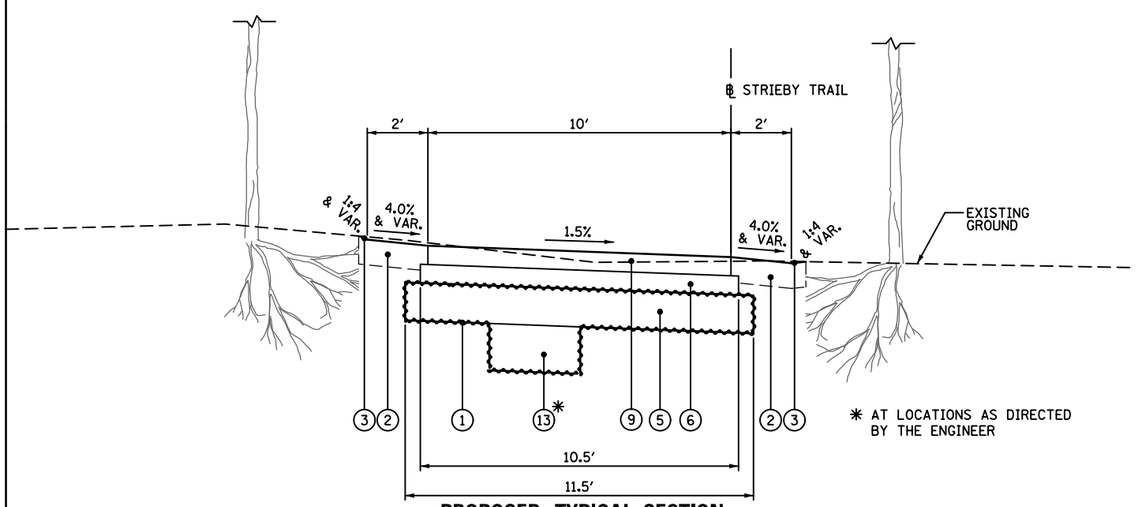
DES PLAINES RIVER TRAIL – SEGMENT 7
TYPICAL SECTIONS

SCALE: 1:5 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	12
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION
STA 11+01.53 TO STA 13+71.06



PROPOSED TYPICAL SECTION
STA 11+01.53 TO STA 13+71.06

LEGEND

- (A) TREE ROOT PRUNING (SPECIAL) (XX009531)
- (B) TOPSOIL EXCAVATION AND PLACEMENT (21101505)
- (C) EARTH EXCAVATION (20200100)
- (1) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
- (2) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4″ MIN.)
- (3) SEEDING AND WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
- (4) CONCRETE GUTTER (SPECIAL) (X6062400)
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 6″ (31101400) •
- (6) AGGREGATE BASE COURSE, TYPE B 3″ (35101598)
- (7) AGGREGATE BASE COURSE, TYPE B 4″ (35101600)
- (8) NOT USED
- (9) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3″ (40604060)
- (10) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (42400200)
- (11) CONCRETE SUPERSTRUCTURE (APPROACH SLAB) (50301350)
- (12) AGGREGATE SURFACE COURSE, TYPE B 3″ (SPECIAL) (XX008310)
- (13) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200) AND AGGREGATE SUBGRADE IMPROVEMENT (30300001)

• SEE SPECIAL PROVISIONS FOR COARSE AGGREGATE REQUIREMENTS FOR SUBBASE GRANULAR MATERIAL, TYPE B.

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
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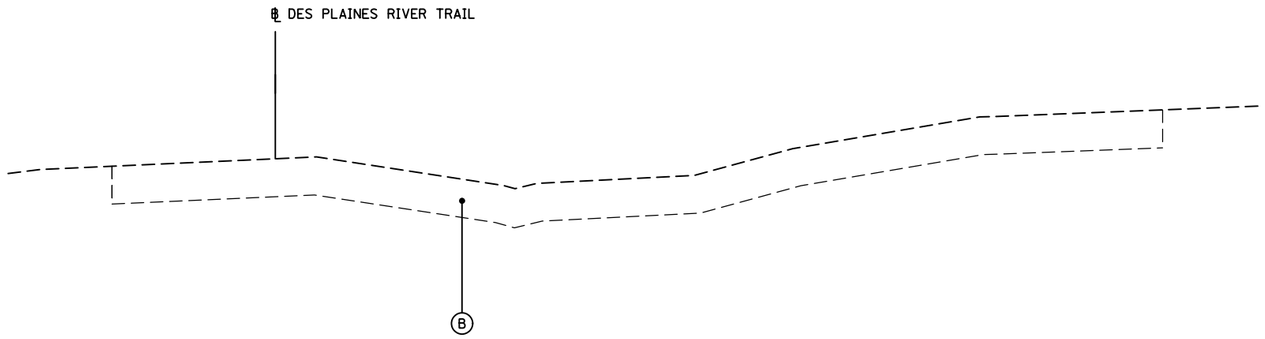
	PLOT SCALE = 5′	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
TYPICAL SECTIONS

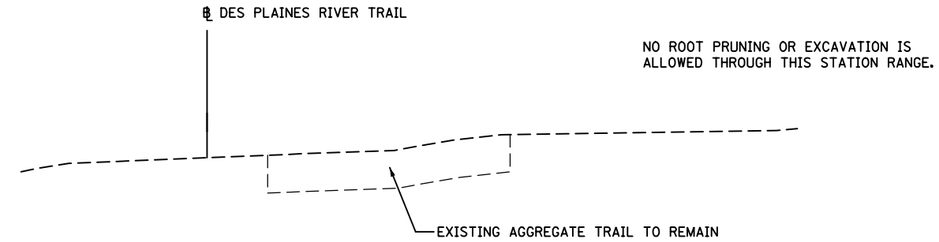
SCALE: 1:5 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	13
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



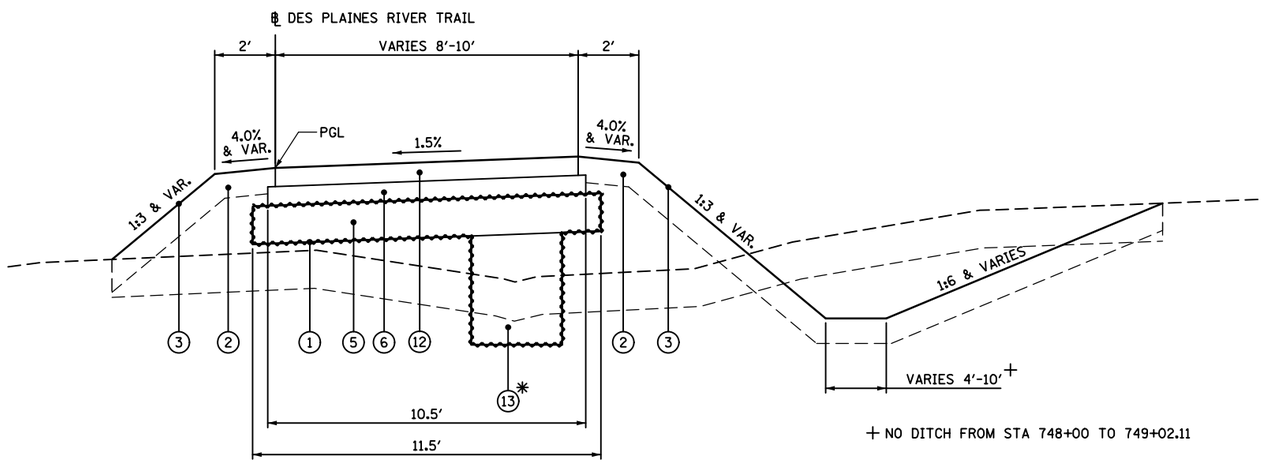
EXISTING TYPICAL SECTION

STA 748+00 TO STA 749+02.11
STA 752+12.99 TO STA 752+70
STA 757+44 TO STA 764+82.96



EXISTING TYPICAL SECTION

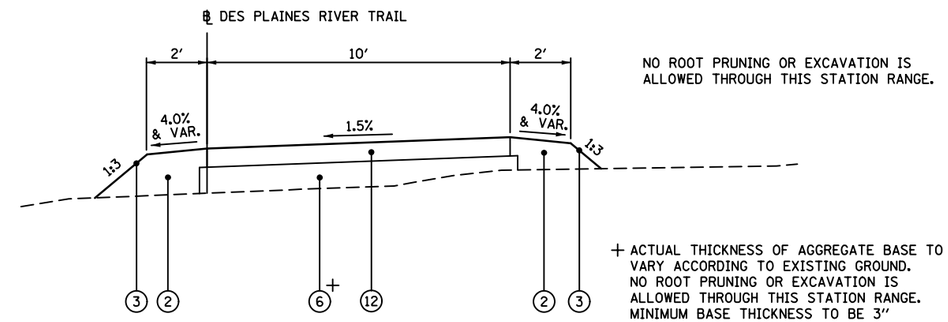
STA 728+50 TO STA 729+50
STA 752+70 TO STA 753+90
(NO EXCAVATION ZONE)



+ NO DITCH FROM STA 748+00 TO 749+02.11

PROPOSED TYPICAL SECTION

STA 748+00 TO STA 749+02.11
STA 752+12.99 TO STA 752+70
STA 757+44 TO STA 764+82.96



PROPOSED TYPICAL SECTION

STA 728+50 TO STA 729+50
STA 752+70 TO STA 753+90
(NO EXCAVATION ZONE)

LEGEND

- (A) TREE ROOT PRUNING (SPECIAL) (XX009531)
- (B) TOPSOIL EXCAVATION AND PLACEMENT (21101505)
- (C) EARTH EXCAVATION (20200100)
- (1) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
- (2) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4″ MIN.)
- (3) SEEDING AND WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
- (4) CONCRETE GUTTER (SPECIAL) (X6062400)
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 6″ (31101400) •
- (6) AGGREGATE BASE COURSE, TYPE B 3″ (35101598)
- (7) AGGREGATE BASE COURSE, TYPE B 4″ (35101600)
- (8) NOT USED
- (9) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3″ (40604060)
- (10) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (42400200)
- (11) CONCRETE SUPERSTRUCTURE (APPROACH SLAB) (50301350)
- (12) AGGREGATE SURFACE COURSE, TYPE B 3″ (SPECIAL) (XX008310)
- (13) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200) AND AGGREGATE SUBGRADE IMPROVEMENT (30300001)

• SEE SPECIAL PROVISIONS FOR COARSE AGGREGATE REQUIREMENTS FOR SUBBASE GRANULAR MATERIAL, TYPE B.

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	PLOT SCALE = 5′	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7

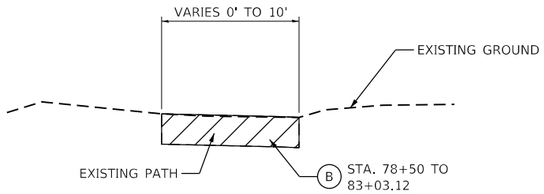
TYPICAL SECTIONS

SCALE: 1:5 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	14

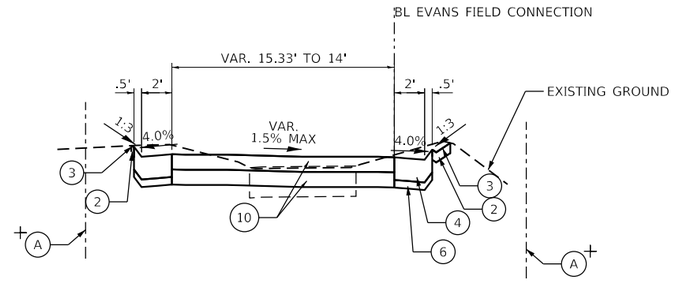
CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



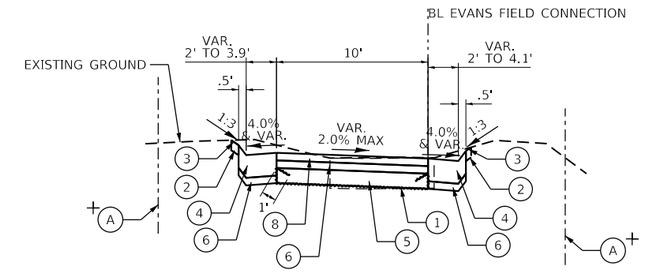
EXISTING TYPICAL SECTION

STA. 70+22.89 TO STA. 83+03.12



PROPOSED TYPICAL SECTION

STA. 81+85.00 TO STA. 81+95.00

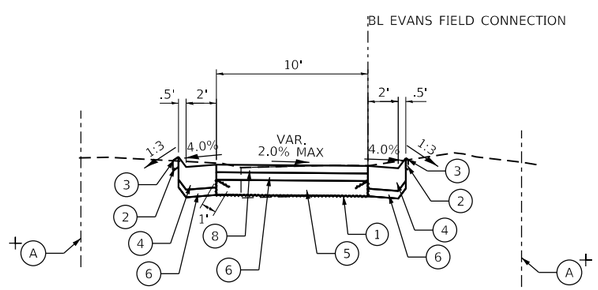


+ LOCATIONS OF ROOT PRUNING TO BE APPROVED BY THE FOREST PRESERVE PRIOR TO BEGINNING PRUNING.

PROPOSED TYPICAL SECTION

STA. 81+95.00 TO STA. 82+00.00

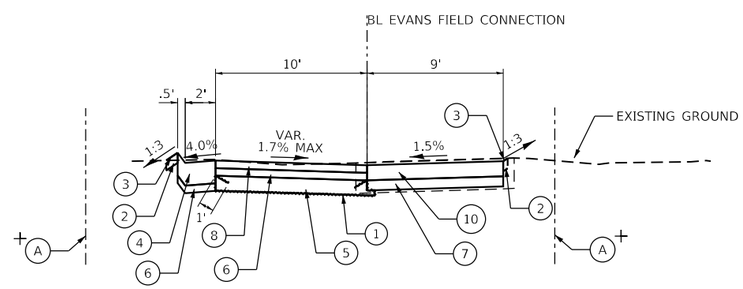
NOTE:
1. THIS TYPICAL IS USED TO DISPLAY THE 5' TRANSITION IN THE PROPOSED GUTTER WIDTHS.



+ LOCATIONS OF ROOT PRUNING TO BE APPROVED BY THE FOREST PRESERVE PRIOR TO BEGINNING PRUNING.

PROPOSED TYPICAL SECTION

STA. 82+00.00 TO STA. 82+84.40



+ LOCATIONS OF ROOT PRUNING TO BE APPROVED BY THE FOREST PRESERVE PRIOR TO BEGINNING PRUNING.

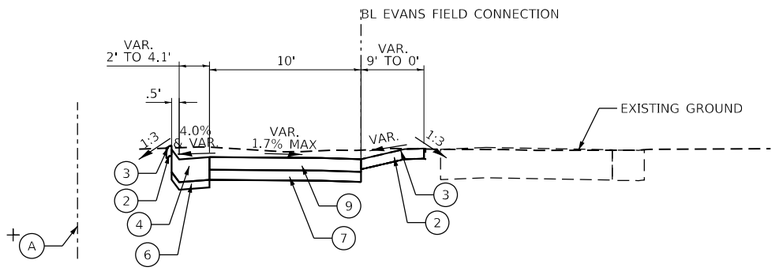
PROPOSED TYPICAL SECTION

STA. 82+84.40 TO STA. 82+92.92

LEGEND

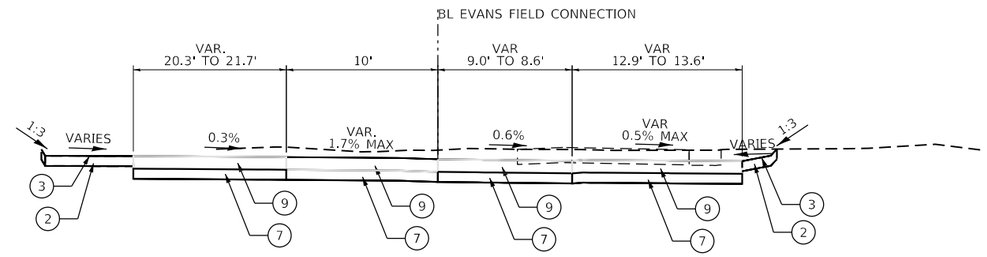
- (A) TREE ROOT PRUNING (SPECIAL) (XX009531)
- (B) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
- (C) EARTH EXCAVATION (20200100)
- (1) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
- (2) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4" MIN.)
- (3) SEEDING AND WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
- (4) CONCRETE GUTTER (SPECIAL) (X6062400)
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 6" (31101400) *
- (6) AGGREGATE BASE COURSE, TYPE B 3" (35101598)
- (7) AGGREGATE BASE COURSE, TYPE B 4" (35101600)
- (8) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3" (40604060)
- (9) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (42400200)
- (10) CONCRETE SUPERSTRUCTURE (APPROACH SLAB) (50301350)
- (11) AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL) (XX008310)
- (12) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200) AND AGGREGATE SUBGRADE IMPROVEMENT (30300001)

* SEE SPECIAL PROVISIONS FOR COARSE AGGREGATE REQUIREMENETS FOR SUBBASE GRANULAR MATERIAL, TYPE B.



PROPOSED TYPICAL SECTION

STA. 82+92.92 TO STA. 82+98.12



PROPOSED TYPICAL SECTION

STA. 82+98.12 TO STA. 83+03.12

+ LOCATIONS OF ROOT PRUNING TO BE APPROVED BY THE FOREST PRESERVE PRIOR TO BEGINNING PRUNING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @NDES	QMP
PARKING LOT RESURFACING HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3" (IN 2 LIFTS)	4% @ 50 GYR.	LR-1030-2
SHARED USE PATH HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3" (IN 2 LIFTS)	4% @ 50 GYR.	LR-1030-2
QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

1. THE UNIT WEIGHT USED TO CALCUATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQYD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

LEGEND

- (A) TREE ROOT PRUNING (SPECIAL) (XX009531)
- (B) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
- (C) EARTH EXCAVATION (20200100)
- (1) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
- (2) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4" MIN.)
- (3) SEEDING AND WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
- (4) CONCRETE GUTTER (SPECIAL) (X6062400)
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 6" (31101400) *
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- (9) PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (42400200)
- (10) CONCRETE SUPERSTRUCTURE (APPROACH SLAB) (50301350)
- (11) AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL) (XX008310)
- (12) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200) AND AGGREGATE SUBGRADE IMPROVEMENT (30300001)

* SEE SPECIAL PROVISIONS FOR COARSE AGGREGATE REQUIREMENETS FOR SUBBASE GRANULAR MATERIAL, TYPE B.

EARTHWORK SCHEDULE

STATION			20200100 EARTH EXCAVATION (CU YD)	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION (CU YD)	21101505 TOPSOIL PLACEMENT (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (CU YD)
STRIEBY DRIVE									
11+00	TO	11+50	9.5	8.1	1.6	6.5	14.6	3.5	11.1
11+50	TO	12+00	5.4	4.6	2.6	2.0	14.8	3.7	11.1
12+00	TO	12+50	6.7	5.7	1.9	3.8	14.3	3.3	11.0
12+50	TO	13+00	11.8	10.0	0.8	9.2	14.9	3.7	11.2
13+00	TO	13+50	18.8	16.0	0.3	15.7	17.4	5.4	12.0
STRIEBY DRIVE SUBTOT			**52.2**	**44.4**	**7.2**	**37.2**	**76.0**	**19.6**	**56.4**
DPRT-N									
715+50	TO	716+00	78.5	66.7	0.2	66.5	23.1	17.5	5.6
716+50	TO	716+50	155.5	132.2	0.6	131.6	50.0	36.9	13.1
716+50	TO	717+00	117.5	99.9	0.5	99.4	39.0	30.5	8.5
BOARDWALK									
727+00	TO	727+50	106.9	90.9	0.0	90.9	21.6	23.1	-1.5
727+50	TO	728+00	321.7	273.4	0.1	273.3	42.8	35.7	7.1
728+00	TO	728+50	261.8	222.5	0.1	222.4	31.3	31.6	-0.3
728+50	TO	729+00	0.0	0.0	0.0	0.0	0.0	7.7	-7.7
729+00	TO	729+50	0.0	0.0	0.4	-0.4	0.0	0.0	0.0
NO EXCAVATION ZONE									
748+00	TO	748+50	12.4	10.5	5.0	5.5	8.5	5.0	3.5
748+50	TO	749+00	12.4	10.5	3.1	7.4	4.2	4.5	-0.3
749+00	TO	749+50	32.4	27.5	1.6	25.9	14.0	8.8	5.2
749+50	TO	750+00	60.5	51.4	0.3	51.1	20.2	12.7	7.5
750+00	TO	750+50	48.0	40.8	0.7	40.1	14.6	10.8	3.8
750+50	TO	751+00	17.1	14.5	13.2	1.3	16.8	12.2	4.6
751+00	TO	751+50	8.9	7.6	16.1	-8.5	17.6	11.4	6.2
FIRST AVE UNDERPASS									
752+16	TO	752+50	7.7	6.5	2.5	4.0	6.0	3.8	2.2
752+50	TO	753+00	2.0	1.7	3.3	-1.6	4.0	4.5	-0.5
753+00	TO	753+50	0.0	0.0	0.0	0.0	0.0	4.4	-4.4
NO EXCAVATION ZONE									
757+50	TO	758+00	10.3	8.8	1.1	7.7	13.0	2.4	10.6
758+00	TO	758+50	8.5	7.2	1.8	5.4	14.6	3.5	11.1
758+50	TO	759+00	12.9	11.0	1.6	9.4	18.2	6.0	12.2
759+00	TO	759+50	12.4	10.5	1.5	9.0	17.4	5.5	11.9
759+50	TO	760+00	14.8	12.6	3.5	9.1	22.9	9.9	13.0
760+00	TO	760+50	19.0	16.1	19.9	-3.8	31.8	16.9	14.9
760+50	TO	760+80	4.4	3.7	37.9	-34.2	17.8	9.6	8.2
760+80	TO	761+00	2.0	1.7	22.0	-20.3	10.5	5.5	5.0
761+00	TO	761+50	22.6	19.2	11.3	7.9	30.6	15.9	14.7
761+50	TO	762+00	31.0	26.3	3.5	22.8	34.4	18.1	16.3
762+00	TO	762+50	25.2	21.4	3.1	18.3	32.7	16.7	16.0
762+50	TO	763+00	26.1	22.2	2.0	20.2	31.3	15.5	15.8
763+00	TO	763+50	29.6	25.2	0.9	24.3	30.6	14.8	15.8
763+50	TO	764+00	30.4	25.8	0.8	25.0	30.6	14.8	15.8
764+00	TO	764+50	27.4	23.3	1.3	22.0	30.3	14.6	15.7
764+50	TO	764+80	10.2	8.7	0.6	8.1	12.6	4.8	7.8
DPRT-N SUBTOTAL			**1530.1**	**1300.3**	**160.5**	**1139.8**	**693.0**	**435.6**	**257.4**

EARTHWORK SCHEDULE

STATION			20200100 EARTH EXCAVATION (CU YD)	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION (CU YD)	21101505 TOPSOIL PLACEMENT (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
EVANS FIELD									
79+00	TO	79+50	32.1	27.3	0.0	27.3	11.5	0.0	11.5
79+50	TO	80+00	53.5	45.5	0.0	45.5	14.4	0.0	14.4
80+00	TO	80+04	7.1	6.0	0.0	6.0	1.6	0.0	1.6
80+04	TO	80+50	65.4	55.6	0.0	55.6	14.8	0.0	14.8
80+50	TO	81+00	64.6	54.9	0.0	54.9	17.8	0.0	17.8
81+00	TO	81+50	42.7	36.3	0.0	36.3	17.5	0.0	17.5
81+50	TO	81+90	9.8	8.3	0.0	8.3	10.0	0.3	9.7
81+90	TO	82+00	4.5	3.8	0.0	3.8	2.1	0.1	2.0
82+00	TO	82+50	22.6	19.2	0.0	19.2	7.6	0.4	7.2
82+50	TO	82+88	19.8	16.8	0.0	16.8	6.9	0.4	6.5
82+88	TO	83+00	10.0	8.5	0.0	8.5	5.4	0.7	4.7
EVANS FIELD SUBTOTAL			**332.1**	**282.2**	**0.0**	**282.2**	**109.6**	**1.9**	**107.7**
TOPSOIL PLACEMENT IN NO EXCAVATION ZONE STA 729+50 TO 748+00								**70.0**	
TOPSOIL PLACEMENT IN NO EXCAVATION ZONE STA 753+50 TO 757+50								**15.0**	
TOPSOIL PLACEMENT IN AREA OF REMOVED PATH STA 757+45 TO 759+25								**35.0**	
PROJECT TOTALS			**1914.4**	**1626.9**	**167.7**	**1459.2**	**878.6**	**577.1**	**301.5**

SUMMARY

20200100	20400800	21101505	20201200
EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL EXCAVATION AND PLACEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
(CU YD)	(CU YD)	(CU YD)	(CU YD)
1,914	0	577	302

NOTES:

1. SEE STOCKPILE, CONSTRUCTION ACCESS PLAN AND CONSTRUCTION SEQUENCE SHEET FOR TEMPORARY TOPSOIL STOCKPILING LOCATION.

2. A QUANTITY OF 500 SY OF TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE THE EXISTING TOPSOIL IS UNSUITABLE FOR REUSE. THE ACTUAL NEED FOR THIS ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE TOPSOIL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

ELEVATION BENCHMARKS DATUM:NAVD '88 (GPS OBSERVED)		
NO.	DESCRIPTION	ELEV.
OSBM	REBAR SET AT NORTHEAST CORNER OF	627.93
21013	SUNSET BRIDGE FOREST PRESERVE ENTRANCE	
	AND NORTH AV., EAST OF 1ST AV., APPROX.	
	±45' NORTH OF CURB OF NORTH AV. AND	
	APPROX. ±26' EAST OF CURB OF DRIVE OF	
	SUNSET BRIDGE	

PROP. CURVE STRIEBY1
PI STA. = 11+05.98
Δ = 31° 59' 07" (RT)
D = 163° 42' 08"
R = 35.00'
T = 10.03'
L = 19.54'
E = 1.41'
P.C. STA. = 10+95.95
P.T. STA. = 11+15.49

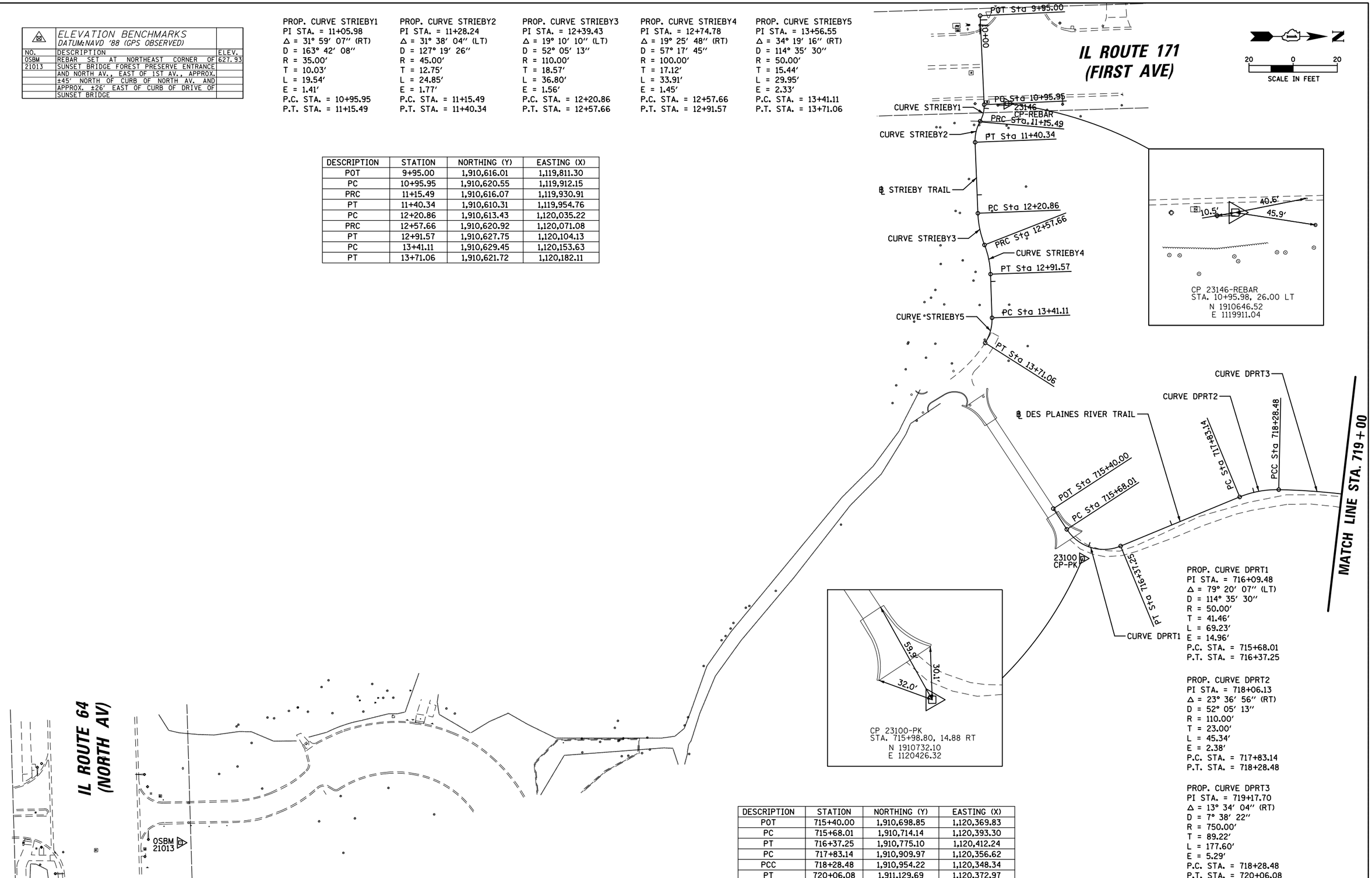
PROP. CURVE STRIEBY2
PI STA. = 11+28.24
Δ = 31° 38' 04" (LT)
D = 127° 19' 26"
R = 45.00'
T = 12.75'
L = 24.85'
E = 1.77'
P.C. STA. = 11+15.49
P.T. STA. = 11+40.34

PROP. CURVE STRIEBY3
PI STA. = 12+39.43
Δ = 19° 10' 10" (LT)
D = 52° 05' 13"
R = 110.00'
T = 18.57'
L = 36.80'
E = 1.56'
P.C. STA. = 12+20.86
P.T. STA. = 12+57.66

PROP. CURVE STRIEBY4
PI STA. = 12+74.78
Δ = 19° 25' 48" (RT)
D = 57° 17' 45"
R = 100.00'
T = 17.12'
L = 33.91'
E = 1.45'
P.C. STA. = 12+57.66
P.T. STA. = 12+91.57

PROP. CURVE STRIEBY5
PI STA. = 13+56.55
Δ = 34° 19' 16" (RT)
D = 114° 35' 30"
R = 50.00'
T = 15.44'
L = 29.95'
E = 2.33'
P.C. STA. = 13+41.11
P.T. STA. = 13+71.06

DESCRIPTION	STATION	NORTHING (Y)	EASTING (X)
POT	9+95.00	1,910,616.01	1,119,811.30
PC	10+95.95	1,910,620.55	1,119,912.15
PRC	11+15.49	1,910,616.07	1,119,930.91
PT	11+40.34	1,910,610.31	1,119,954.76
PC	12+20.86	1,910,613.43	1,120,035.22
PRC	12+57.66	1,910,620.92	1,120,071.08
PT	12+91.57	1,910,627.75	1,120,104.13
PC	13+41.11	1,910,629.45	1,120,153.63
PT	13+71.06	1,910,621.72	1,120,182.11



PROP. CURVE DPRT1
PI STA. = 716+09.48
Δ = 79° 20' 07" (LT)
D = 114° 35' 30"
R = 50.00'
T = 41.46'
L = 69.23'
E = 14.96'
P.C. STA. = 715+68.01
P.T. STA. = 716+37.25

PROP. CURVE DPRT2
PI STA. = 718+06.13
Δ = 23° 36' 56" (RT)
D = 52° 05' 13"
R = 110.00'
T = 23.00'
L = 45.34'
E = 2.38'
P.C. STA. = 717+83.14
P.T. STA. = 718+28.48

PROP. CURVE DPRT3
PI STA. = 719+17.70
Δ = 13° 34' 04" (RT)
D = 7° 38' 22"
R = 750.00'
T = 89.22'
L = 177.60'
E = 5.29'
P.C. STA. = 718+28.48
P.T. STA. = 720+06.08

DESCRIPTION	STATION	NORTHING (Y)	EASTING (X)
POT	715+40.00	1,910,698.85	1,120,369.83
PC	715+68.01	1,910,714.14	1,120,393.30
PT	716+37.25	1,910,775.10	1,120,412.24
PC	717+83.14	1,910,909.97	1,120,356.62
PCC	718+28.48	1,910,954.22	1,120,348.34
PT	720+06.08	1,911,129.69	1,120,372.97

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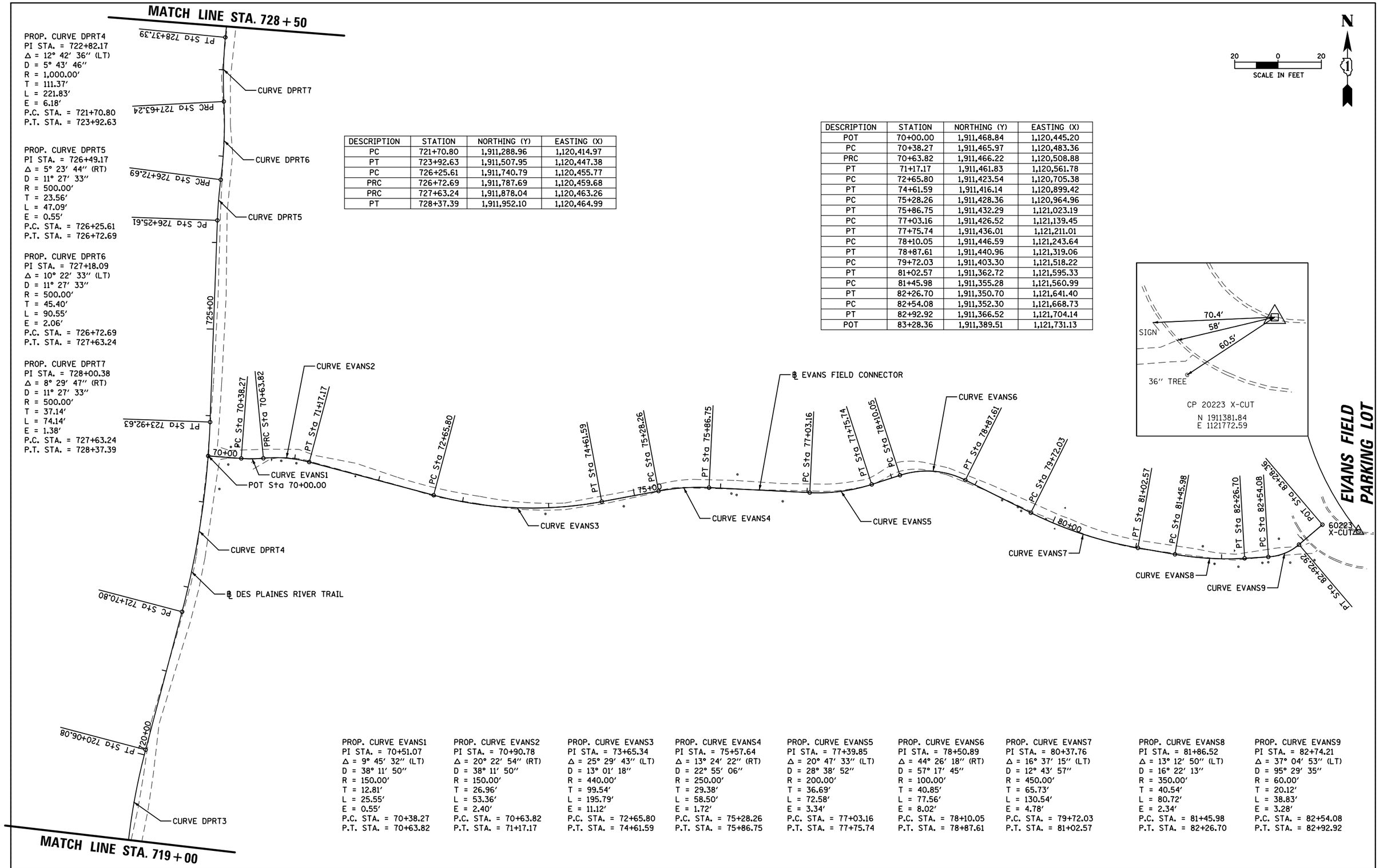
		DRAWN -	REVISED -
	PLOT SCALE = 100'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
ALIGNMENTS, TIES AND BENCHMARKS

SCALE: 1:100 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	18
		CONTRACT NO. 61M58		
	ILLINOIS FED. AID PROJECT			



DESCRIPTION	STATION	NORTHING (Y)	EASTING (X)
PC	721+70.80	1,911,288.96	1,120,414.97
PT	723+92.63	1,911,507.95	1,120,447.38
PC	726+25.61	1,911,740.79	1,120,455.77
PRC	726+72.69	1,911,787.69	1,120,459.68
PRC	727+63.24	1,911,878.04	1,120,463.26
PT	728+37.39	1,911,952.10	1,120,464.99

DESCRIPTION	STATION	NORTHING (Y)	EASTING (X)
POT	70+00.00	1,911,468.84	1,120,445.20
PC	70+38.27	1,911,465.97	1,120,483.36
PRC	70+63.82	1,911,466.22	1,120,508.88
PT	71+17.17	1,911,461.83	1,120,561.78
PC	72+65.80	1,911,423.54	1,120,705.38
PT	74+61.59	1,911,416.14	1,120,899.42
PC	75+28.26	1,911,428.36	1,120,964.96
PT	75+86.75	1,911,432.29	1,121,023.19
PC	77+03.16	1,911,426.52	1,121,139.45
PT	77+75.74	1,911,436.01	1,121,211.01
PC	78+10.05	1,911,446.59	1,121,243.64
PT	78+87.61	1,911,440.96	1,121,319.06
PC	79+72.03	1,911,403.30	1,121,518.22
PT	81+02.57	1,911,362.72	1,121,595.33
PC	81+45.98	1,911,355.28	1,121,560.99
PT	82+26.70	1,911,350.70	1,121,641.40
PC	82+54.08	1,911,352.30	1,121,668.73
PT	82+92.92	1,911,366.52	1,121,704.14
POT	83+28.36	1,911,389.51	1,121,731.13

PROP. CURVE EVANS1
PI STA. = 70+51.07
Δ = 9° 45′ 32″ (LT)
D = 38° 11′ 50″
R = 150.00′
T = 12.81′
L = 25.55′
E = 0.55′
P.C. STA. = 70+38.27
P.T. STA. = 70+63.82

PROP. CURVE EVANS2
PI STA. = 70+90.78
Δ = 20° 22′ 54″ (RT)
R = 150.00′
T = 26.96′
L = 53.36′
E = 2.40′
P.C. STA. = 70+63.82
P.T. STA. = 71+17.17

PROP. CURVE EVANS3
PI STA. = 73+65.34
Δ = 25° 29′ 43″ (LT)
D = 13° 01′ 18″
R = 440.00′
T = 99.54′
L = 195.79′
E = 11.12′
P.C. STA. = 72+65.80
P.T. STA. = 74+61.59

PROP. CURVE EVANS4
PI STA. = 75+57.64
Δ = 13° 24′ 22″ (RT)
D = 22° 55′ 06″
R = 250.00′
T = 29.38′
L = 58.50′
E = 1.72′
P.C. STA. = 75+28.26
P.T. STA. = 75+86.75

PROP. CURVE EVANS5
PI STA. = 77+39.85
Δ = 20° 47′ 33″ (LT)
D = 28° 38′ 52″
R = 200.00′
T = 36.69′
L = 72.58′
E = 3.34′
P.C. STA. = 77+03.16
P.T. STA. = 77+75.74

PROP. CURVE EVANS6
PI STA. = 78+50.89
Δ = 44° 26′ 18″ (RT)
D = 57° 17′ 45″
R = 100.00′
T = 40.85′
L = 77.56′
E = 8.02′
P.C. STA. = 78+10.05
P.T. STA. = 78+87.61

PROP. CURVE EVANS7
PI STA. = 80+37.76
Δ = 16° 37′ 15″ (LT)
D = 12° 43′ 57″
R = 450.00′
T = 65.73′
L = 130.54′
E = 4.78′
P.C. STA. = 79+72.03
P.T. STA. = 81+02.57

PROP. CURVE EVANS8
PI STA. = 81+86.52
Δ = 13° 12′ 50″ (LT)
D = 16° 22′ 13″
R = 350.00′
T = 40.54′
L = 80.72′
E = 2.34′
P.C. STA. = 81+45.98
P.T. STA. = 82+26.70

PROP. CURVE EVANS9
PI STA. = 82+74.21
Δ = 37° 04′ 53″ (LT)
D = 95° 29′ 35″
R = 60.00′
T = 20.12′
L = 38.83′
E = 3.28′
P.C. STA. = 82+54.08
P.T. STA. = 82+92.92

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Default	PLOT DATE = 7/16/2026	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

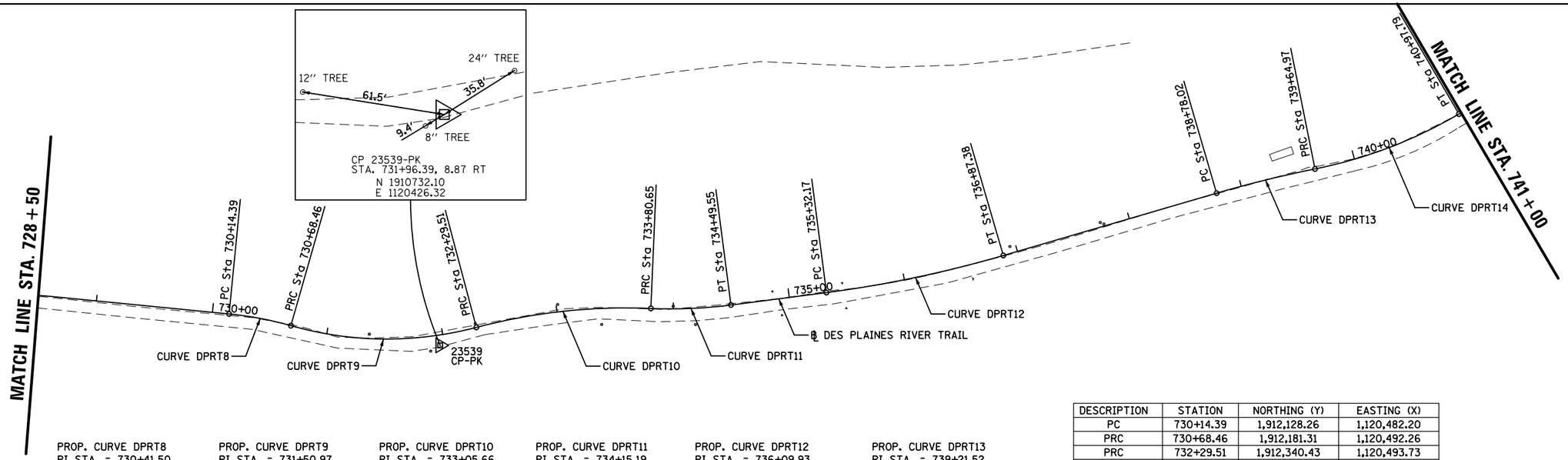
DES PLAINES RIVER TRAIL – SEGMENT 7
ALIGNMENTS, TIES AND BENCHMARKS

SCALE: 1:100 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	19

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



PROP. CURVE DPRT8
PI STA. = 730+41.50
Δ = 10° 19′ 39″ (RT)
D = 19° 05′ 55″
R = 300.00′
T = 27.11′
L = 54.07′
E = 1.22′
P.C. STA. = 730+14.39
P.T. STA. = 730+68.46

PROP. CURVE DPRT9
PI STA. = 731+50.97
Δ = 30° 45′ 28″ (LT)
D = 19° 05′ 55″
R = 300.00′
T = 82.51′
L = 161.05′
E = 11.14′
P.C. STA. = 730+68.46
P.T. STA. = 732+29.51

PROP. CURVE DPRT10
PI STA. = 733+05.66
Δ = 17° 19′ 13″ (RT)
D = 11° 27′ 33″
R = 500.00′
T = 76.15′
L = 151.15′
E = 5.77′
P.C. STA. = 732+29.51
P.T. STA. = 733+80.65

PROP. CURVE DPRT11
PI STA. = 734+15.19
Δ = 9° 52′ 06″ (LT)
D = 14° 19′ 26″
R = 400.00′
T = 34.53′
L = 68.89′
E = 1.49′
P.C. STA. = 733+80.65
P.T. STA. = 734+49.55

PROP. CURVE DPRT12
PI STA. = 736+09.93
Δ = 8° 53′ 33″ (LT)
D = 5° 43′ 46″
R = 1,000.00′
T = 77.76′
L = 155.20′
E = 3.02′
P.C. STA. = 735+32.17
P.T. STA. = 736+87.38

PROP. CURVE DPRT13
PI STA. = 739+21.52
Δ = 4° 55′ 58″ (RT)
D = 5° 40′ 22″
R = 1,010.00′
T = 43.51′
L = 86.96′
E = 0.94′
P.C. STA. = 738+78.02
P.T. STA. = 739+64.97

DESCRIPTION	STATION	NORTHING (Y)	EASTING (X)
PC	730+14.39	1,912,128.26	1,120,482.20
PRC	730+68.46	1,912,181.31	1,120,492.26
PRC	732+29.51	1,912,340.43	1,120,493.73
PRC	733+80.65	1,912,490.12	1,120,477.50
PT	734+49.55	1,912,558.87	1,120,474.54
PC	735+32.17	1,912,640.80	1,120,463.90
PT	736+87.38	1,912,792.55	1,120,432.07
PC	738+78.02	1,912,975.54	1,120,378.60
PRC	739+64.97	1,913,059.95	1,120,357.82
PT	740+97.79	1,913,183.48	1,120,310.72

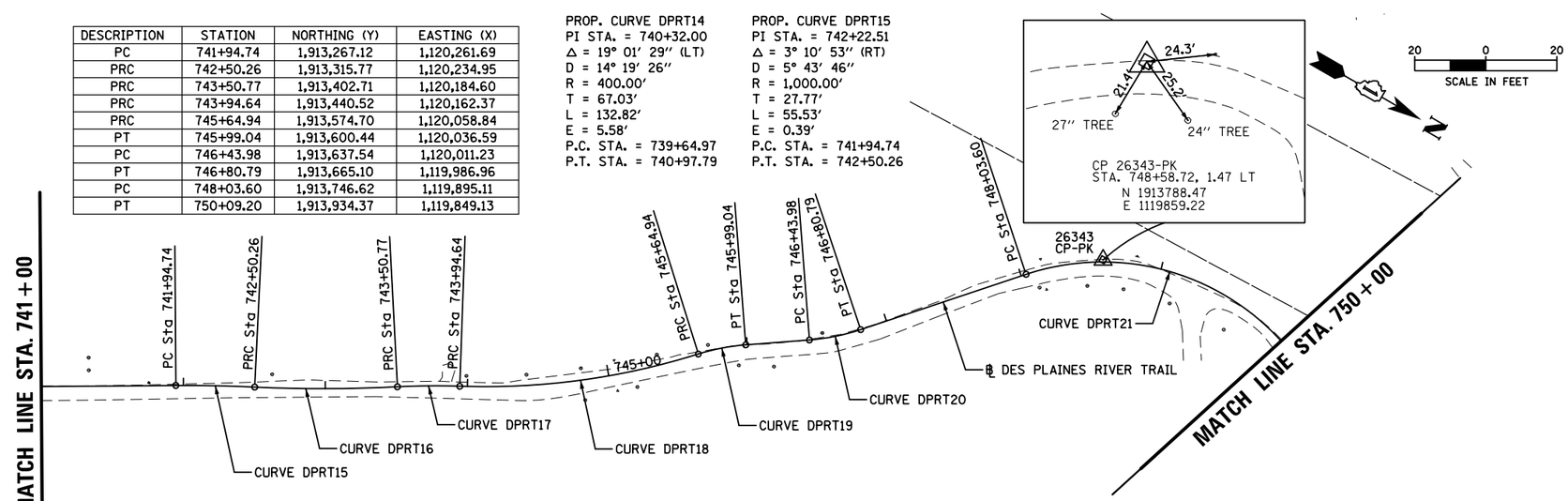
N

20 0 20
SCALE IN FEET

DESCRIPTION	STATION	NORTHING (Y)	EASTING (X)
PC	741+94.74	1,913,267.12	1,120,261.69
PRC	742+50.26	1,913,315.77	1,120,234.95
PRC	743+50.77	1,913,402.71	1,120,184.60
PRC	743+94.64	1,913,440.52	1,120,162.37
PRC	745+64.94	1,913,574.70	1,120,058.84
PT	745+99.04	1,913,600.44	1,120,036.59
PC	746+43.98	1,913,637.54	1,120,011.23
PT	746+80.79	1,913,665.10	1,119,986.96
PC	748+03.60	1,913,746.62	1,119,895.11
PT	750+09.20	1,913,934.37	1,119,849.13

PROP. CURVE DPRT14
PI STA. = 740+32.00
Δ = 19° 01′ 29″ (LT)
D = 14° 19′ 26″
R = 400.00′
T = 67.03′
L = 132.82′
E = 5.58′
P.C. STA. = 739+64.97
P.T. STA. = 740+97.79

PROP. CURVE DPRT15
PI STA. = 742+22.51
Δ = 3° 10′ 53″ (RT)
D = 5° 43′ 46″
R = 1,000.00′
T = 27.77′
L = 55.53′
E = 0.39′
P.C. STA. = 741+94.74
P.T. STA. = 742+50.26



PROP. CURVE DPRT16
PI STA. = 743+72.72
Δ = 5° 01′ 39″ (RT)
D = 11° 27′ 33″
R = 500.00′
T = 21.95′
L = 43.87′
E = 0.48′
P.C. STA. = 743+50.77
P.T. STA. = 743+94.64

PROP. CURVE DPRT17
PI STA. = 743+00.56
Δ = 5° 45′ 31″ (LT)
D = 5° 43′ 46″
R = 1,000.00′
T = 50.30′
L = 100.51′
E = 1.26′
P.C. STA. = 742+50.26
P.T. STA. = 743+50.77

PROP. CURVE DPRT18
PI STA. = 744+80.62
Δ = 19° 26′ 12″ (LT)
D = 11° 24′ 49″
R = 502.00′
T = 85.97′
L = 170.29′
E = 7.31′
P.C. STA. = 743+94.64
P.T. STA. = 745+64.94

PROP. CURVE DPRT19
PI STA. = 745+82.06
Δ = 13° 01′ 27″ (RT)
D = 38° 11′ 50″
R = 150.00′
T = 17.12′
L = 34.10′
E = 0.97′
P.C. STA. = 745+64.94
P.T. STA. = 745+99.04

PROP. CURVE DPRT20
PI STA. = 746+62.48
Δ = 14° 03′ 41″ (LT)
D = 38° 11′ 50″
R = 150.00′
T = 18.50′
L = 36.81′
E = 1.14′
P.C. STA. = 746+43.98
P.T. STA. = 746+80.79

PROP. CURVE DPRT21
PI STA. = 749+21.08
Δ = 69° 17′ 38″ (RT)
D = 33° 42′ 12″
R = 170.00′
T = 117.48′
L = 205.60′
E = 36.64′
P.C. STA. = 748+03.60
P.T. STA. = 750+09.20

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		DRAWN -	REVISED -
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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
ALIGNMENTS, TIES AND BENCHMARKS

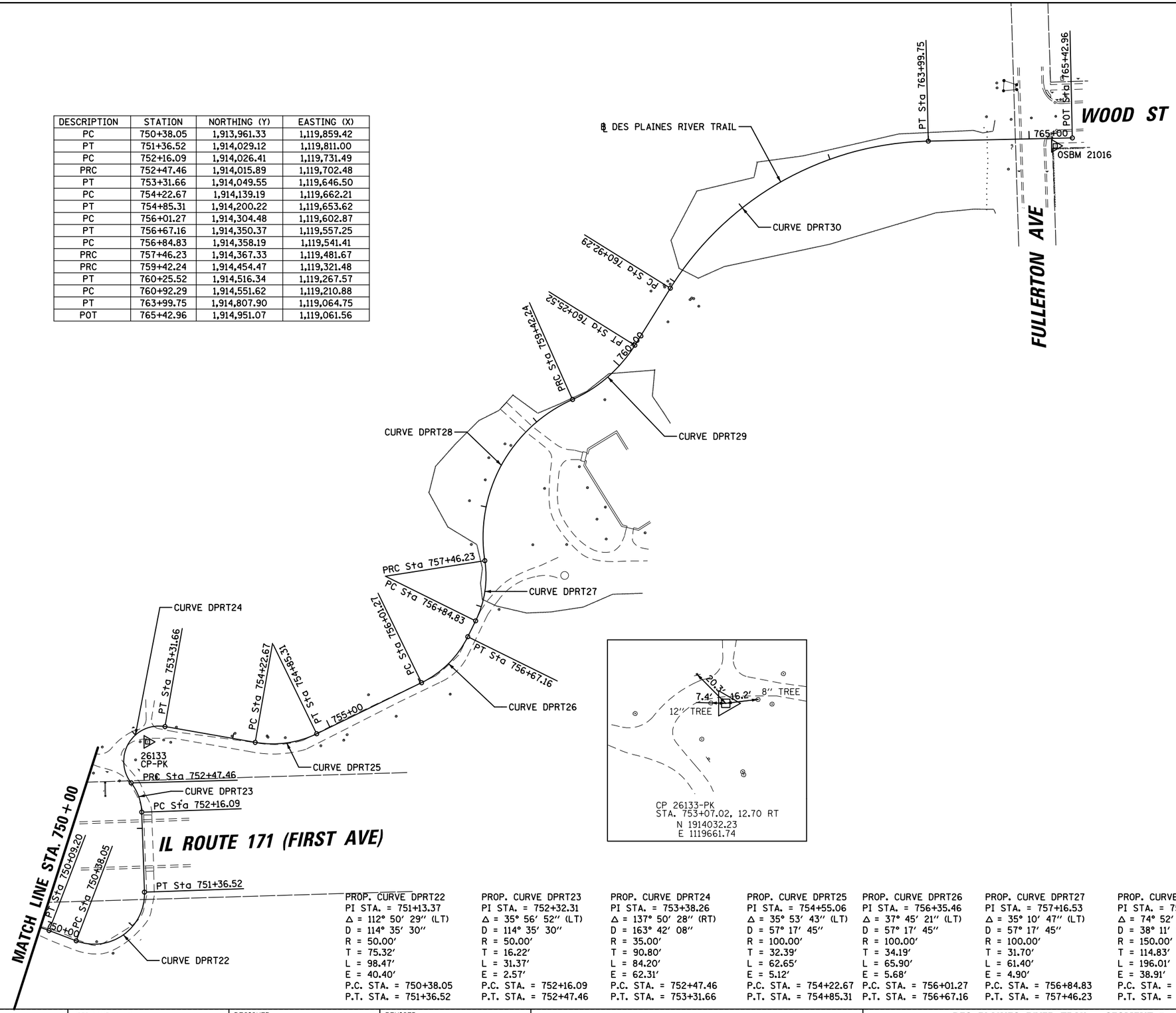
SCALE: 1:100 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	20

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT

DESCRIPTION	STATION	NORTHING (Y)	EASTING (X)
PC	750+38.05	1,913,961.33	1,119,859.42
PT	751+36.52	1,914,029.12	1,119,811.00
PC	752+16.09	1,914,026.41	1,119,731.49
PRC	752+47.46	1,914,015.89	1,119,702.48
PT	753+31.66	1,914,049.55	1,119,646.50
PC	754+22.67	1,914,139.19	1,119,662.21
PT	754+85.31	1,914,200.22	1,119,653.62
PC	756+01.27	1,914,304.48	1,119,602.87
PT	756+67.16	1,914,350.37	1,119,557.25
PC	756+84.83	1,914,358.19	1,119,541.41
PRC	757+46.23	1,914,367.33	1,119,481.67
PRC	759+42.24	1,914,454.47	1,119,321.48
PT	760+25.52	1,914,516.34	1,119,267.57
PC	760+92.29	1,914,551.62	1,119,210.88
PT	763+99.75	1,914,807.90	1,119,064.75
POT	765+42.96	1,914,951.07	1,119,061.56



20 0 20
SCALE IN FEET

ELEVATION BENCHMARKS DATUM: NAVD '88 (GPS OBSERVED)		
NO.	DESCRIPTION	ELEV.
OSBM	X-CUT IN SIDEWALK AT THE NORTHEAST	627.93
21016	CORNER OF WOOD ST. & FULLERTON AV.	

PROP. CURVE DPRT22
PI STA. = 751+13.37
Δ = 112° 50′ 29″ (LT)
D = 114° 35′ 30″
R = 50.00′
T = 75.32′
L = 98.47′
E = 40.40′
P.C. STA. = 750+38.05
P.T. STA. = 751+36.52

PROP. CURVE DPRT23
PI STA. = 752+32.31
Δ = 35° 56′ 52″ (LT)
D = 114° 35′ 30″
R = 50.00′
T = 16.22′
L = 31.37′
E = 2.57′
P.C. STA. = 752+16.09
P.T. STA. = 752+47.46

PROP. CURVE DPRT24
PI STA. = 753+38.26
Δ = 137° 50′ 28″ (RT)
D = 163° 42′ 08″
R = 35.00′
T = 90.80′
L = 84.20′
E = 62.31′
P.C. STA. = 752+47.46
P.T. STA. = 753+31.66

PROP. CURVE DPRT25
PI STA. = 754+55.06
Δ = 35° 53′ 43″ (LT)
D = 57° 17′ 45″
R = 100.00′
T = 32.39′
L = 62.65′
E = 5.12′
P.C. STA. = 754+22.67
P.T. STA. = 754+85.31

PROP. CURVE DPRT26
PI STA. = 756+35.46
Δ = 37° 45′ 21″ (LT)
D = 57° 17′ 45″
R = 100.00′
T = 34.19′
L = 65.90′
E = 5.68′
P.C. STA. = 756+01.27
P.T. STA. = 756+67.16

PROP. CURVE DPRT27
PI STA. = 757+16.53
Δ = 35° 10′ 47″ (LT)
D = 57° 17′ 45″
R = 100.00′
T = 31.70′
L = 61.40′
E = 4.90′
P.C. STA. = 756+84.83
P.T. STA. = 757+46.23

PROP. CURVE DPRT28
PI STA. = 758+61.06
Δ = 74° 52′ 09″ (RT)
D = 38° 11′ 50″
R = 150.00′
T = 114.83′
L = 196.01′
E = 38.91′
P.C. STA. = 757+46.23
P.T. STA. = 759+42.24

PROP. CURVE DPRT29
PI STA. = 759+85.15
Δ = 34° 04′ 59″ (LT)
D = 40° 55′ 32″
R = 140.00′
T = 42.91′
L = 83.28′
E = 6.43′
P.C. STA. = 759+42.24
P.T. STA. = 760+25.52

PROP. CURVE DPRT30
PI STA. = 762+60.00
Δ = 56° 49′ 35″ (RT)
D = 18° 28′ 57″
R = 310.00′
T = 167.71′
L = 307.46′
E = 42.46′
P.C. STA. = 760+92.29
P.T. STA. = 763+99.75

FILE NAME = N:\RiverGrove\240624\Civil\ATB_240624_04.SHT	USER NAME = mthomas	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
ALIGNMENTS, TIES AND BENCHMARKS

SCALE: 1:100 | SHEET OF SHEETS | STA. TO STA.

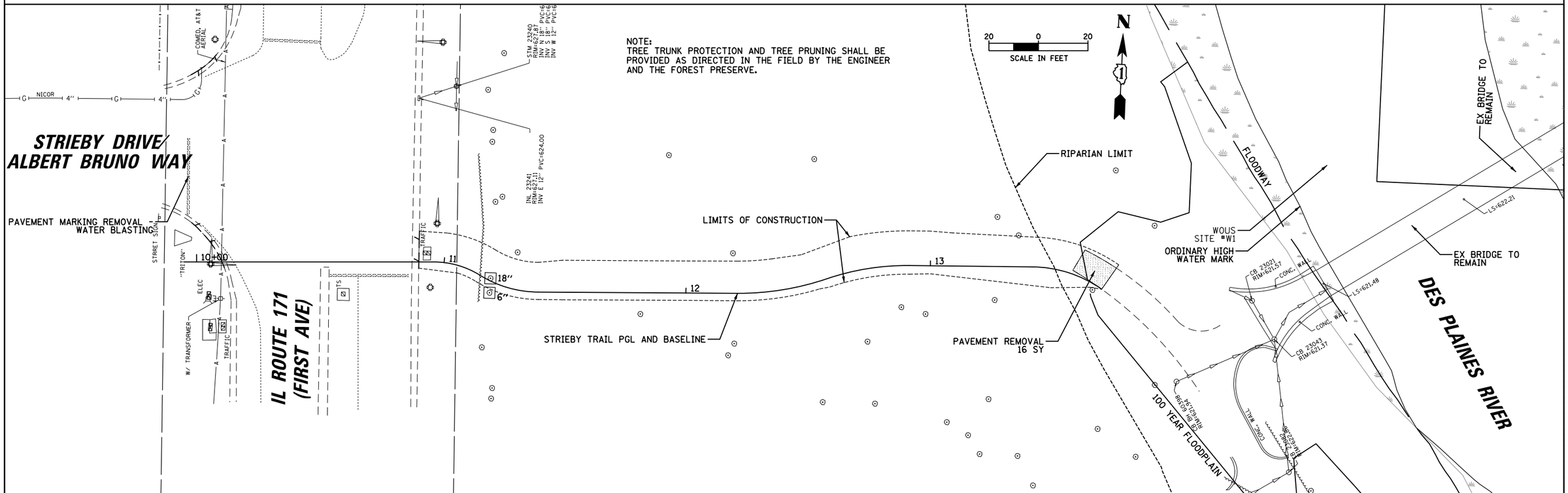
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	21

CONTRACT NO. 61M58

ILLINOIS | FED. AID PROJECT

LEGEND

- PAVEMENT REMOVAL (HMA)
- CURB REMOVAL
- STUMP REMOVAL ONLY
- TREE REMOVAL
- LINEAR ITEM REMOVAL
- SIDEWALK REMOVAL
- EXISTING PATH REMOVAL (PAID FOR AS EARTH EXCAVATION)



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	PLOT SCALE = 40'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

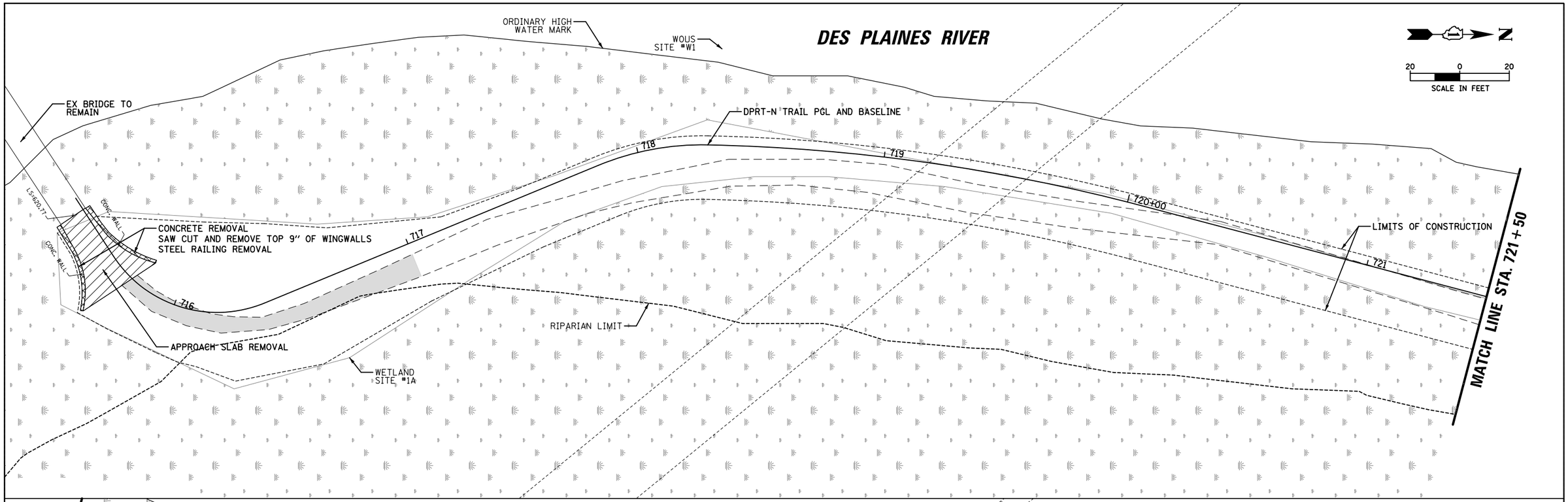
DES PLAINES RIVER TRAIL – SEGMENT 7
EXISTING CONDITIONS AND REMOVAL PLANS
STRIEBY DR CONNECTOR

SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

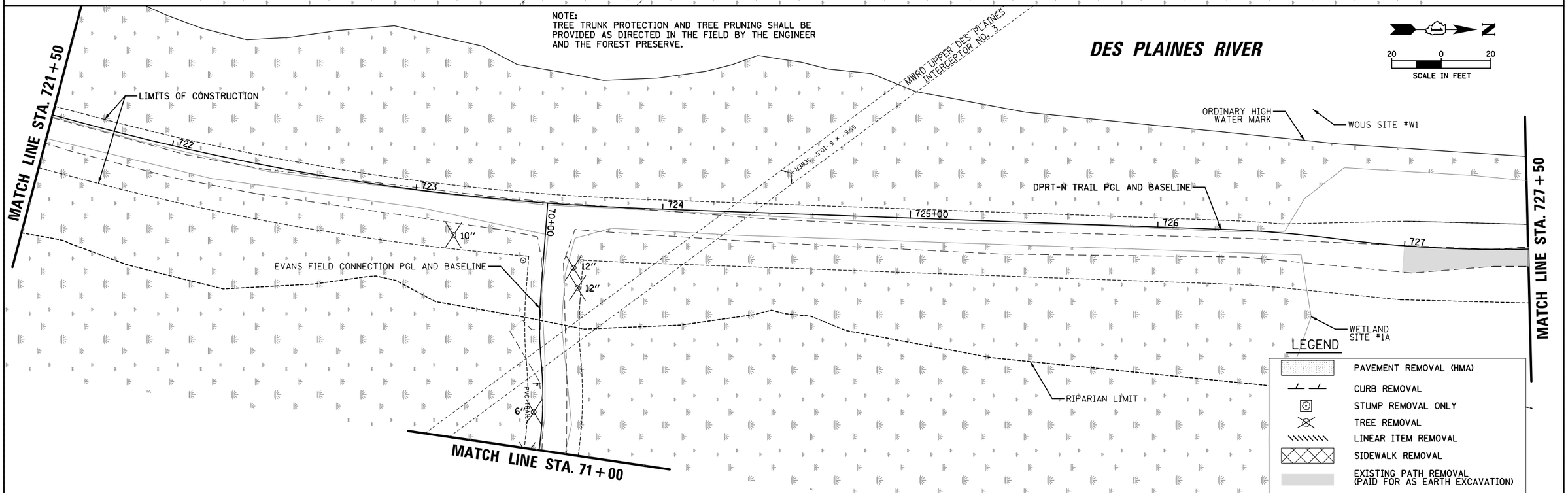
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	22

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



NOTE:
TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE PROVIDED AS DIRECTED IN THE FIELD BY THE ENGINEER AND THE FOREST PRESERVE.



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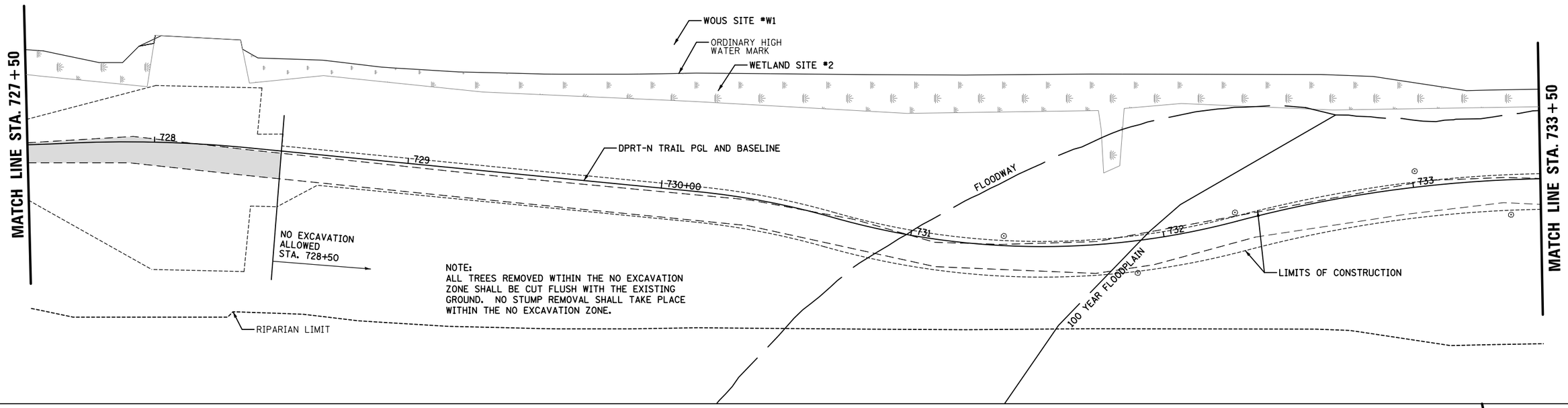
	PLOT SCALE = 40'	DRAWN -	REVISED -			N/A	19-00037-02-BT	COOK	112 / 23
Default	PLOT DATE = 7/16/2026	CHECKED -	REVISED -		SCALE: 1:40 SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 61M58	
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT	

NOTE:
TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE PROVIDED AS DIRECTED IN THE FIELD BY THE ENGINEER AND THE FOREST PRESERVE.

20 0 20
SCALE IN FEET

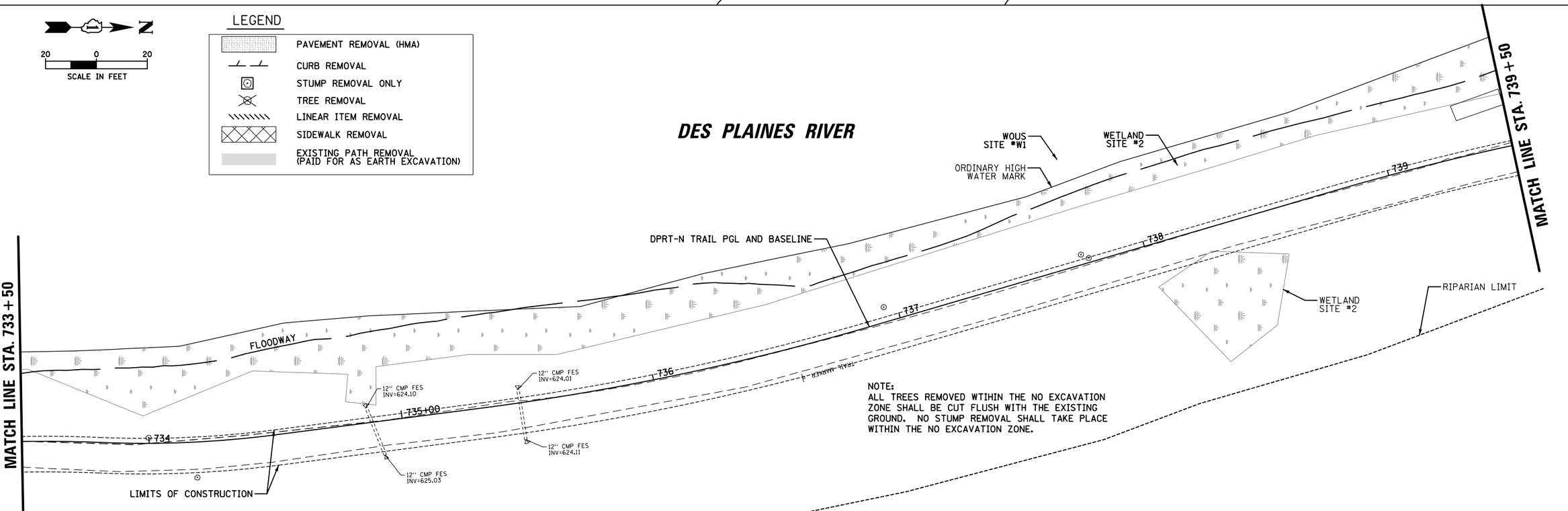


NOTE:
ALL TREES REMOVED WTIHIN THE NO EXCAVATION ZONE SHALL BE CUT FLUSH WITH THE EXISTING GROUND. NO STUMP REMOVAL SHALL TAKE PLACE WITHIN THE NO EXCAVATION ZONE.

20 0 20
SCALE IN FEET

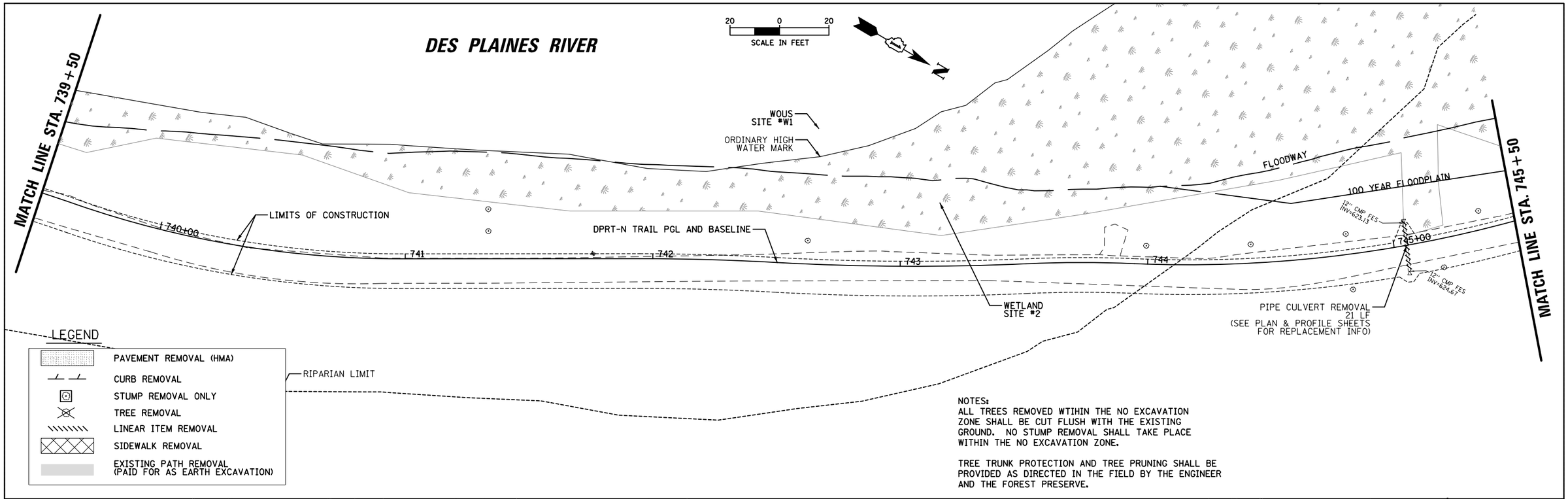
LEGEND

- PAVEMENT REMOVAL (HMA)
- CURB REMOVAL
- STUMP REMOVAL ONLY
- TREE REMOVAL
- LINEAR ITEM REMOVAL
- SIDEWALK REMOVAL
- EXISTING PATH REMOVAL (PAID FOR AS EARTH EXCAVATION)



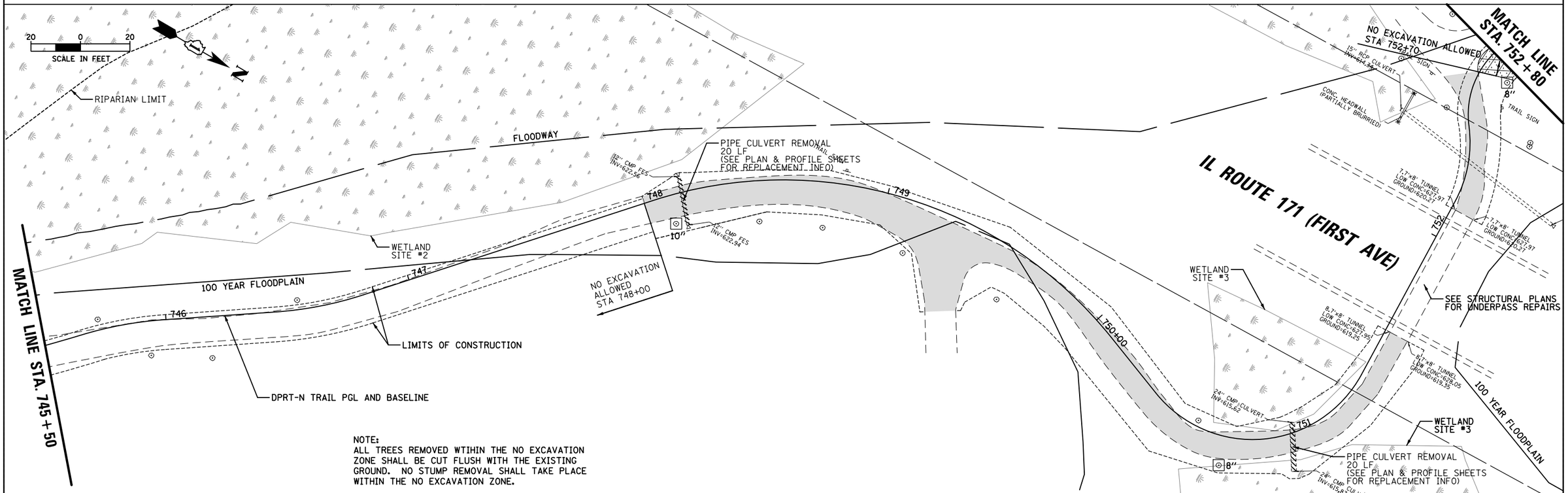
NOTE:
ALL TREES REMOVED WTIHIN THE NO EXCAVATION ZONE SHALL BE CUT FLUSH WITH THE EXISTING GROUND. NO STUMP REMOVAL SHALL TAKE PLACE WITHIN THE NO EXCAVATION ZONE.

FILE NAME = N:\RiverGrove\240624\Civil\REM_240624_03.SHT	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL – SEGMENT 7 EXISTING CONDITIONS AND REMOVAL PLANS DES PLAINES RIVER TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			N/A	19-00037-02-BT	COOK	112 / 24
	PLOT SCALE = 40'	CHECKED -	REVISED -					CONTRACT NO. 61M58	
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -		SCALE: 1:40 SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		



NOTES:
ALL TREES REMOVED WTIHIN THE NO EXCAVATION ZONE SHALL BE CUT FLUSH WITH THE EXISTING GROUND. NO STUMP REMOVAL SHALL TAKE PLACE WITHIN THE NO EXCAVATION ZONE.

TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE PROVIDED AS DIRECTED IN THE FIELD BY THE ENGINEER AND THE FOREST PRESERVE.



NOTE:
ALL TREES REMOVED WTIHIN THE NO EXCAVATION ZONE SHALL BE CUT FLUSH WITH THE EXISTING GROUND. NO STUMP REMOVAL SHALL TAKE PLACE WITHIN THE NO EXCAVATION ZONE.

FILE NAME = N:\RiverGrove\240624\Civil\REM_240624_04.SHT	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL – SEGMENT 7 EXISTING CONDITIONS AND REMOVAL PLANS DES PLAINES RIVER TRAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
	PLOT SCALE = 40'	DRAWN -	REVISED -			N/A	19-00037-02-BT	COOK	112 / 25
Default	PLOT DATE = 7/16/2026	CHECKED -	REVISED -		SCALE: 1:40 SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 61M58		
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT		

WETLAND SITE #4

20 0 20
SCALE IN FEET

FLOODWAY

TRAIL SIGN

MATCH LINE STA. 752+80

753

CLEARING (SPECIAL)
101 SY

754

NOTE:
ALL TREES REMOVED WTIHIN THE NO EXCAVATION ZONE SHALL BE CUT FLUSH WITH THE EXISTING GROUND. NO STUMP REMOVAL SHALL TAKE PLACE WITHIN THE NO EXCAVATION ZONE.

100 YEAR FLOODPLAIN

NO EXCAVATION ALLOWED STA. 757+44

757

758

759

15"

PAVEMENT REMOVAL
210 SY

CONC. WALL

CONC. WALL

CONC. WALL

MATCH LINE STA. 759+60

755+00

DPRT-N TRAIL PGL AND BASELINE

756

LIMITS OF CONSTRUCTION

WETLAND SITE #4

NOTE:
TREE TRUNK PROTECTION AND TREE PRUNING SHALL BE PROVIDED AS DIRECTED IN THE FIELD BY THE ENGINEER AND THE FOREST PRESERVE.

FLOODWAY

762

763

DPRT-N TRAIL PGL AND BASELINE

6" 12" 6" 6" 6"

761

LIMITS OF CONSTRUCTION

764

COMBO 100336
RIM=625.96
INV N 18"= PVC=617.48
INV E 18"= RCP=617.16
INV W 60"= RCP=617.16

60" RCP

FOREST PRESERVE

WOOD ST

12" 6" 10"

10"

760+00

MATCH LINE STA. 759+60

BOLLARD REMOVAL

765+00

WETLAND SITE #4

FLAGPOLE AND MEMORIAL TO BE RELOCATED BY OTHERS

FULLERTON AVE

NO PARKING

NO PARKING

OSBM 21016

COMBO 100245
RIM=624.62
INV N 18"= PVC=617.54
INV S 18"= PVC=617.54
INV E 18"= RCP=617.54
INV W 8"= PVC=619.17

CB 100244
RIM=622.03
INV W 8"= PVC=622.00

100 YEAR FLOODPLAIN

20 0 20
SCALE IN FEET

LEGEND

- PAVEMENT REMOVAL (HMA)
- CURB REMOVAL
- STUMP REMOVAL ONLY
- TREE REMOVAL
- LINEAR ITEM REMOVAL
- SIDEWALK REMOVAL
- EXISTING PATH REMOVAL (PAID FOR AS EARTH EXCAVATION)

FILE NAME = N:\RiverGrove\240624\Civil\REM_240624.05.SHT	USER NAME = mthomas	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
EXISTING CONDITIONS AND REMOVAL PLANS
DES PLAINES RIVER TRAIL

SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	26

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT

MATCH LINE STA. 71+00

71

6"

72

73

74

75+00

76

12"

LIMITS OF CONSTRUCTION

EVANS FIELD CONNECTION PGL AND BASELINE

MWRD UPPER DES PLAINES INTERCEPTOR NO. 3

WETLAND SITE #1A

MATCH LINE STA. 77+00

N

20 0 20

SCALE IN FEET

1

MATCH LINE STA. 77+00

77

78

79

LIMITS OF CONSTRUCTION

10"

15"

10"

15"

80+00

36" CMP FES INV=611.38

36" CMP FES INV=611.27

PIPE CULVERT REMOVAL
27 LF
(CULVERT NOT REPLACED)

UNNAMED TRIBUTARY

81

82

12"

PVC TRAIL ℄

EVANS FIELD CONNECTION PGL AND BASELINE

WETLAND SITE #1A

EVANS FIELD PARKING LOT

N

20 0 20

SCALE IN FEET

1

LEGEND

- PAVEMENT REMOVAL (HMA)
- CURB REMOVAL
- STUMP REMOVAL ONLY
- TREE REMOVAL
- LINEAR ITEM REMOVAL
- SIDEWALK REMOVAL
- EXISTING PATH REMOVAL (PAID FOR AS EARTH EXCAVATION)

FILE NAME = N:\RiverGrove\240624\Civil\REM_240624.00.SHT	USER NAME = mthomas	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

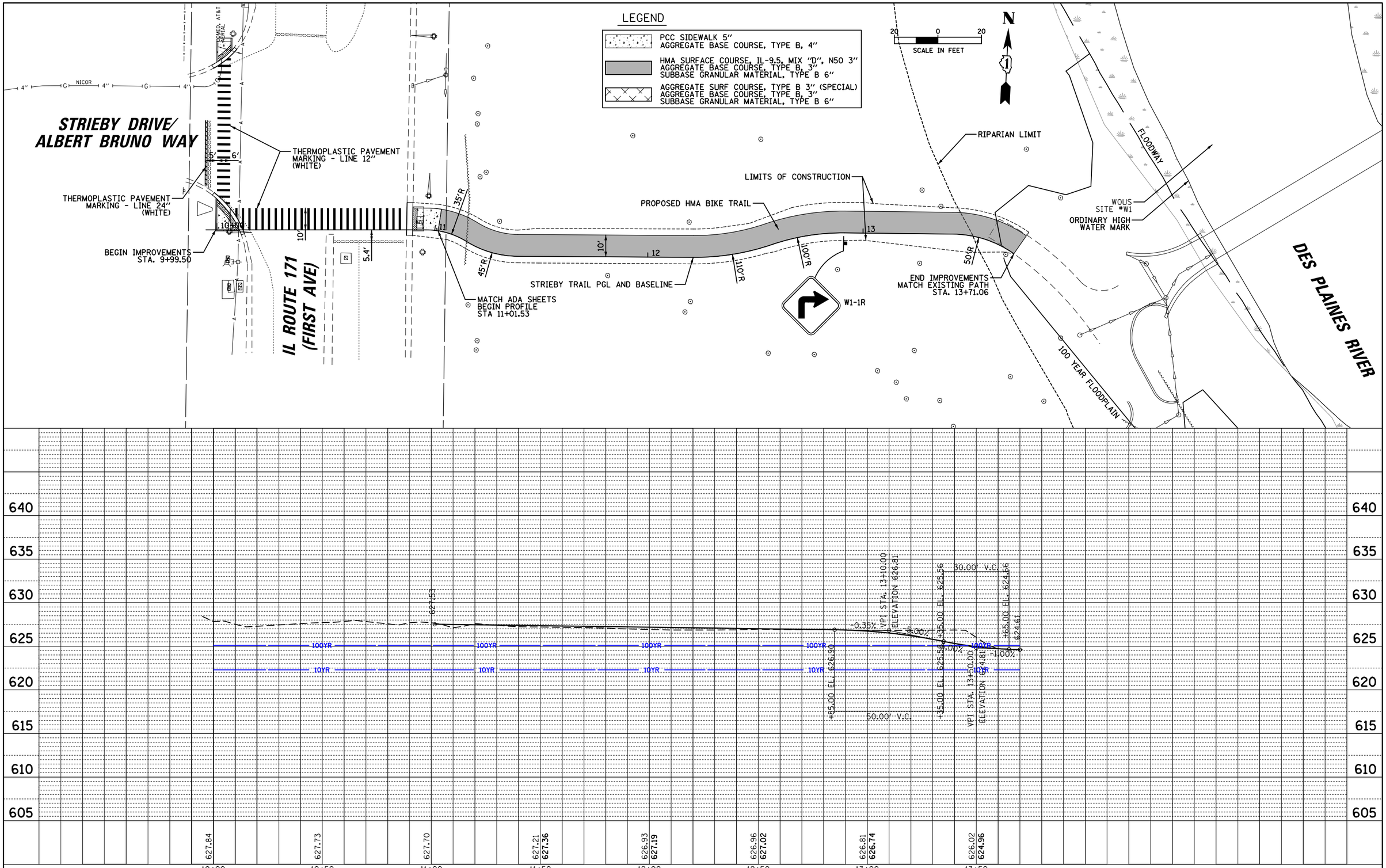
DES PLAINES RIVER TRAIL – SEGMENT 7
EXISTING CONDITIONS AND REMOVAL PLANS
EVANS FIELD CONNECTOR

SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	27

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BRIDGE NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

FILE NAME = N:\RiverGrove\240624\Civil\RPP_240624_02.SHT	USER NAME = mthomas	DESIGNED -	REVISED -
Default		DRAWN -	REVISED -
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	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

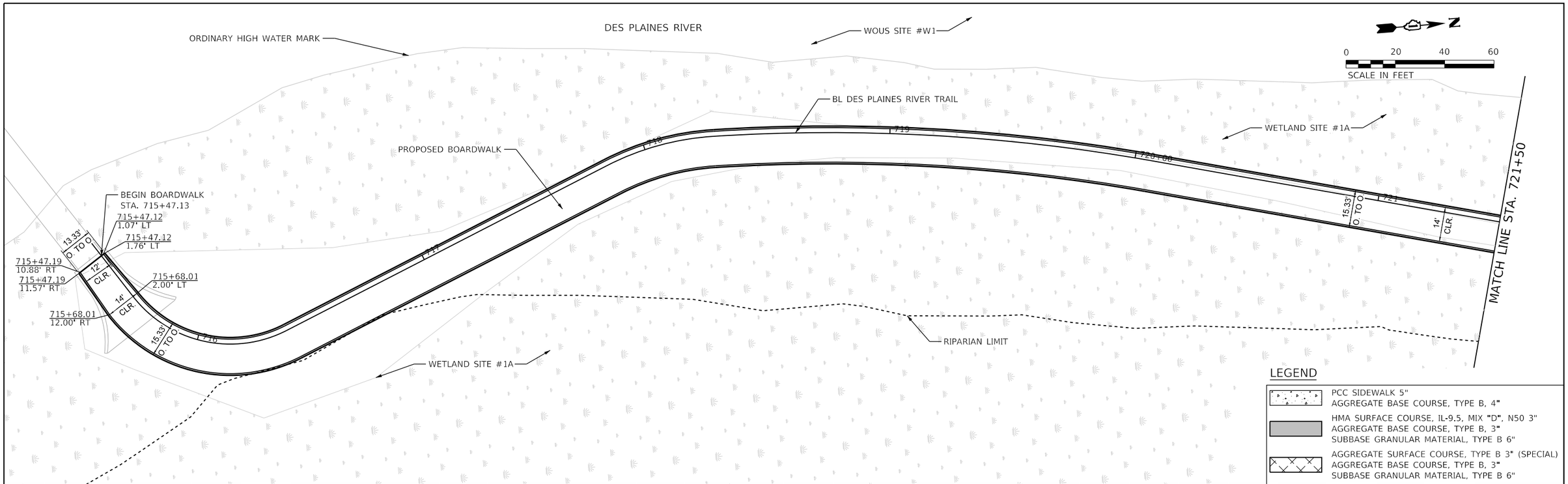
DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE
STRIEBY DRIVE CONNECTOR

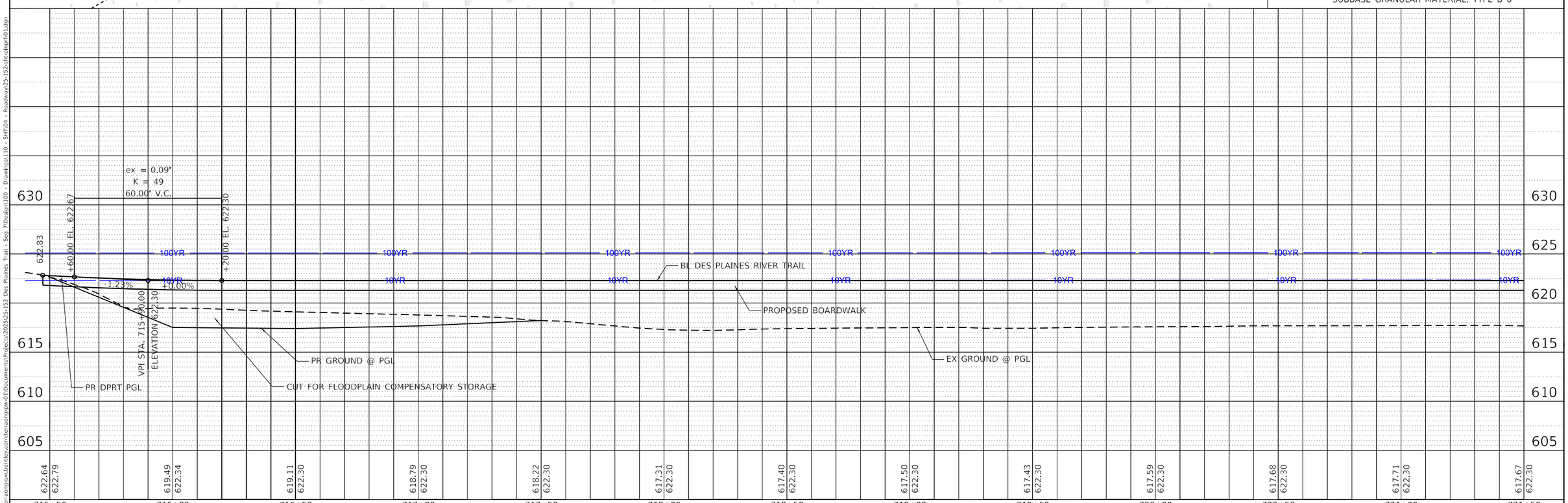
SCALE: 1:40 | SHEET OF 112 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	28

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT





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PLOTTED
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RT. OF WAY CHECKED
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BY
DATE

PROFILE
NOTE BOOK NO.
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PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

MODEL: Default
FILE NAME: pw:\\terraeng-pw.bentley.com:terraeng-pw-01\Documents\Projects\2025\25-152 Des Plaines Trail - Seg 7\Design\100 - Drawings\110 - SHT\04 - Roadway\25-152-sht-plnprf-01.dgn

TERRA ENGINEERING LTD.

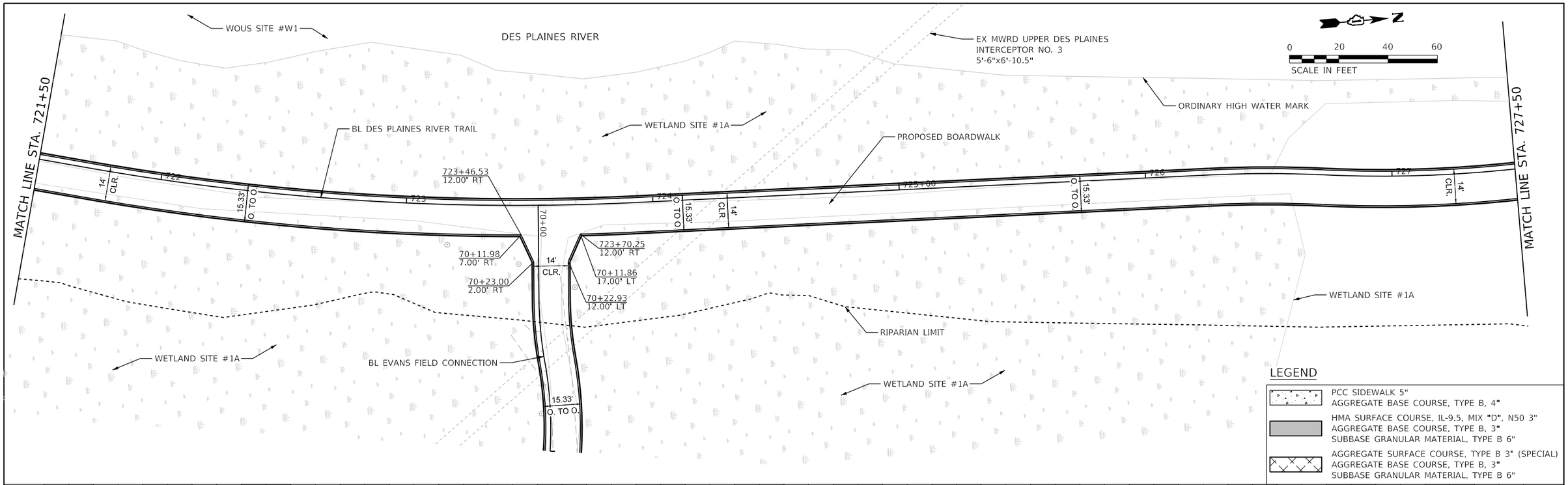
USER NAME = AlexisF	DESIGNED - AF	REVISED -	
	DRAWN - AF	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - DL	REVISED -	
PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -	

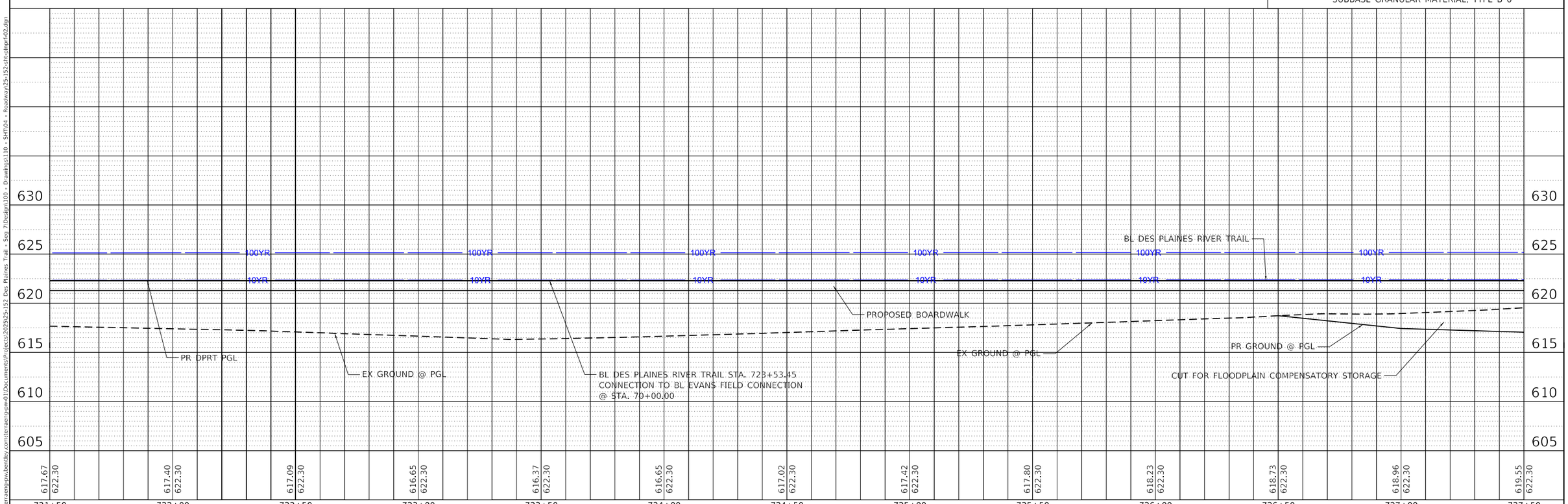
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	29
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		





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ALIGNMENT CHECKED
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CADD FILE NAME
NOTE BOOK NO.
BY
DATE

PROFILE
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PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.
BY
DATE

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TERRA ENGINEERING LTD.

USER NAME = AlexisF	DESIGNED - AF	REVISED -
	DRAWN - AF	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - DL	REVISED -
PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE

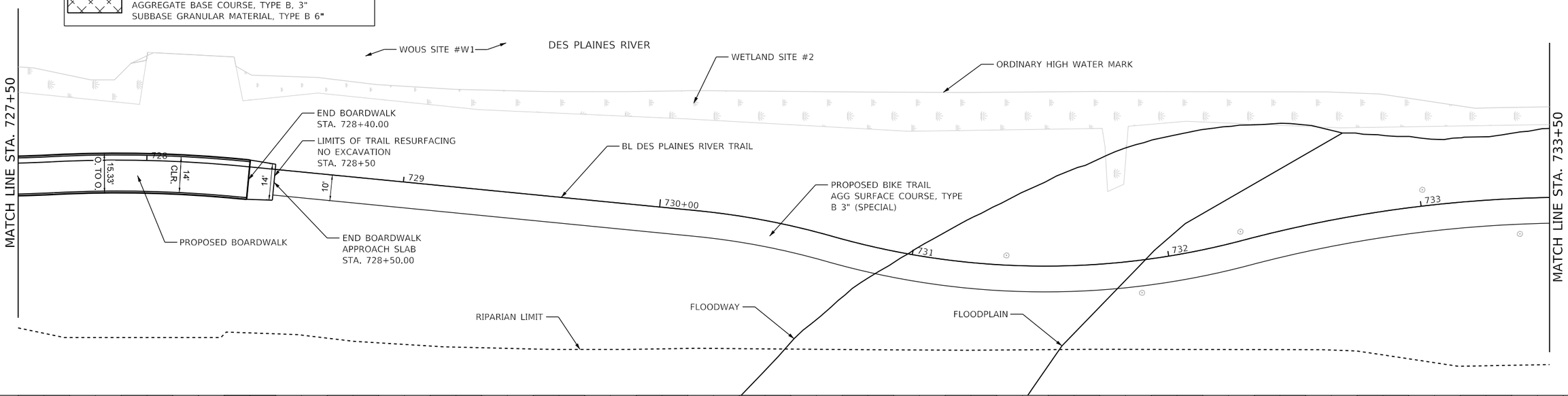
SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

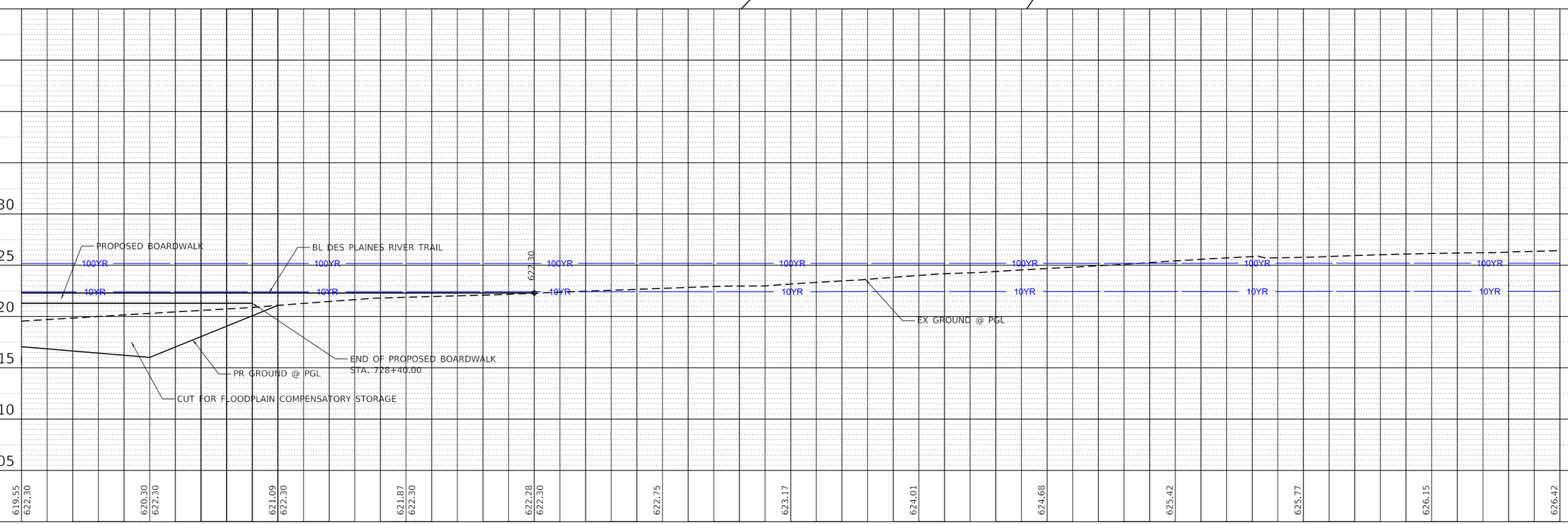
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	30
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

LEGEND

- PCC SIDEWALK 5"
  AGGREGATE BASE COURSE, TYPE B, 4"
- HMA SURFACE COURSE, IL-9.5, MIX "D", N50 3"
  AGGREGATE BASE COURSE, TYPE B, 3"
  SUBBASE GRANULAR MATERIAL, TYPE B 6"
- AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL)
  AGGREGATE BASE COURSE, TYPE B, 3"
  SUBBASE GRANULAR MATERIAL, TYPE B 6"

0 20 40 60
SCALE IN FEET





PLAN			
NOTE BOOK NO.	SURVEYED	PLOTTED	BY
	ALIGNMENT CHECKED	RT. OF WAY CHECKED	DATE
	CADD FILE NAME		

PROFILE			
NOTE BOOK NO.	SURVEYED	PLOTTED	BY
	GRADES CHECKED	B.M. NOTED	DATE
	STRUCTURE NOTATIONS CHKD		

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TERRA ENGINEERING LTD.

USER NAME = AlexisF	DESIGNED - AF	REVISED -
	DRAWN - AF	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - DL	REVISED -
PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE

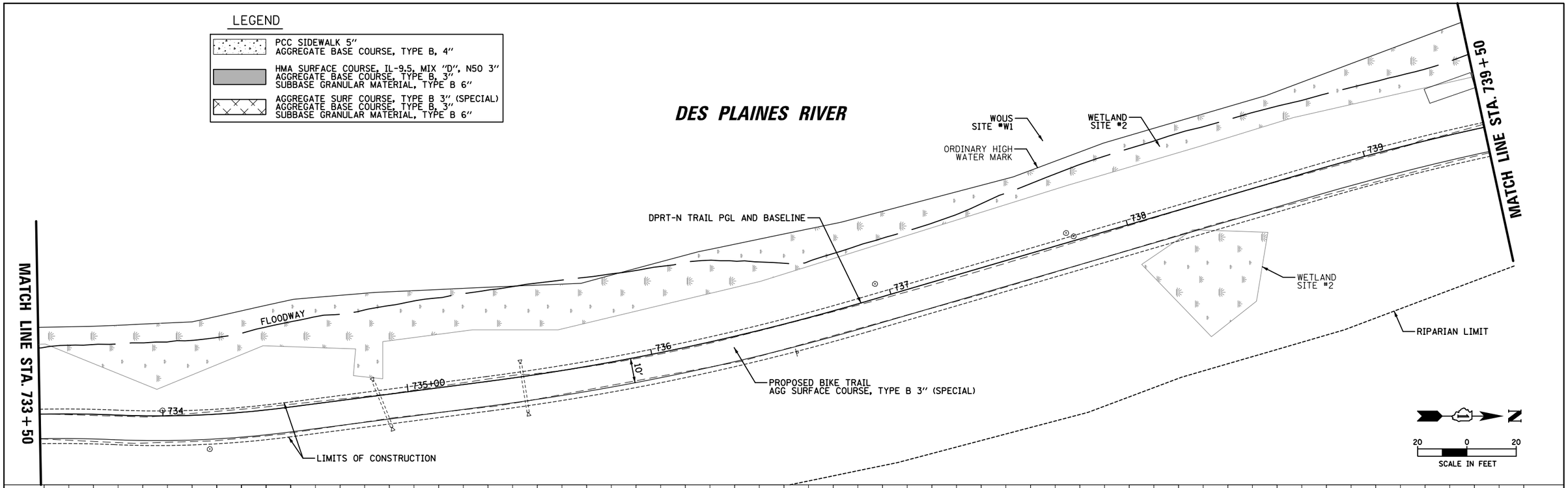
SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

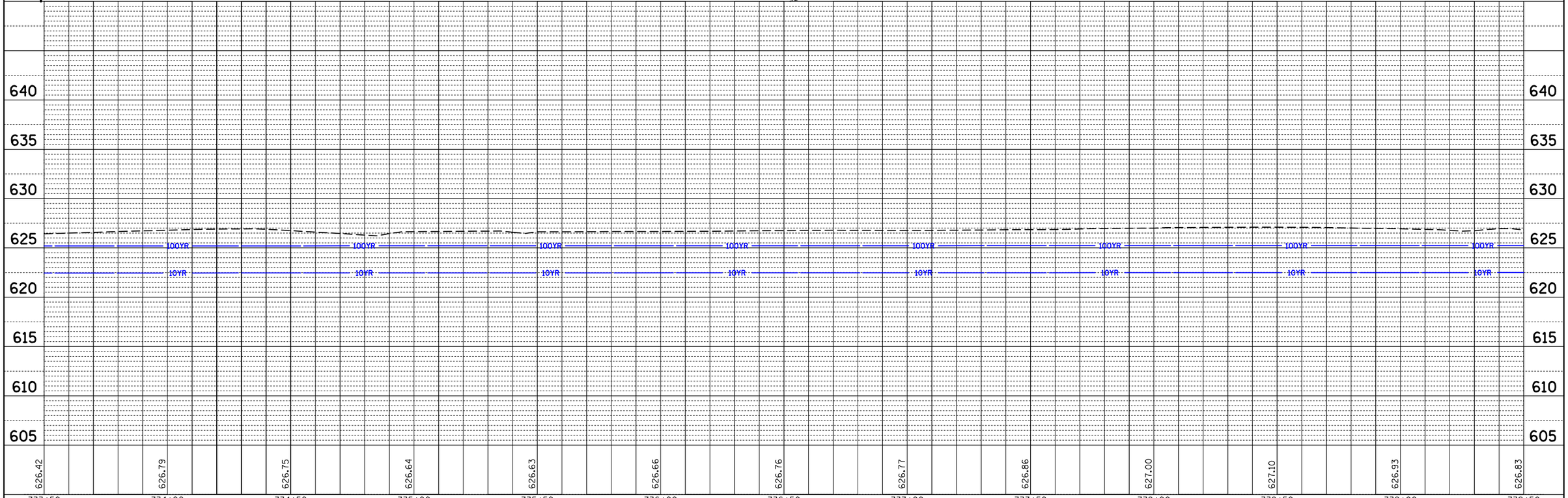
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	31

CONTRACT NO. 61M58
ILLINOIS FED. AID PROJECT

LEGEND

- PCC SIDEWALK 5"
  AGGREGATE BASE COURSE, TYPE B, 4"
- HMA SURFACE COURSE, IL-9.5, MIX "D", N50 3"
  AGGREGATE BASE COURSE, TYPE B, 3"
  SUBBASE GRANULAR MATERIAL, TYPE B 6"
- AGGREGATE SURF COURSE, TYPE B 3" (SPECIAL)
  AGGREGATE BASE COURSE, TYPE B, 3"
  SUBBASE GRANULAR MATERIAL, TYPE B 6"





PLAN
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PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

FILE NAME = N:\RiverGrove\240624\Civil\RPP_240624_06.SHT	USER NAME = mthomas	DESIGNED -	REVISED -
		DRAWN -	REVISED -
Default	PLOT SCALE = 40'	CHECKED -	REVISED -
	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

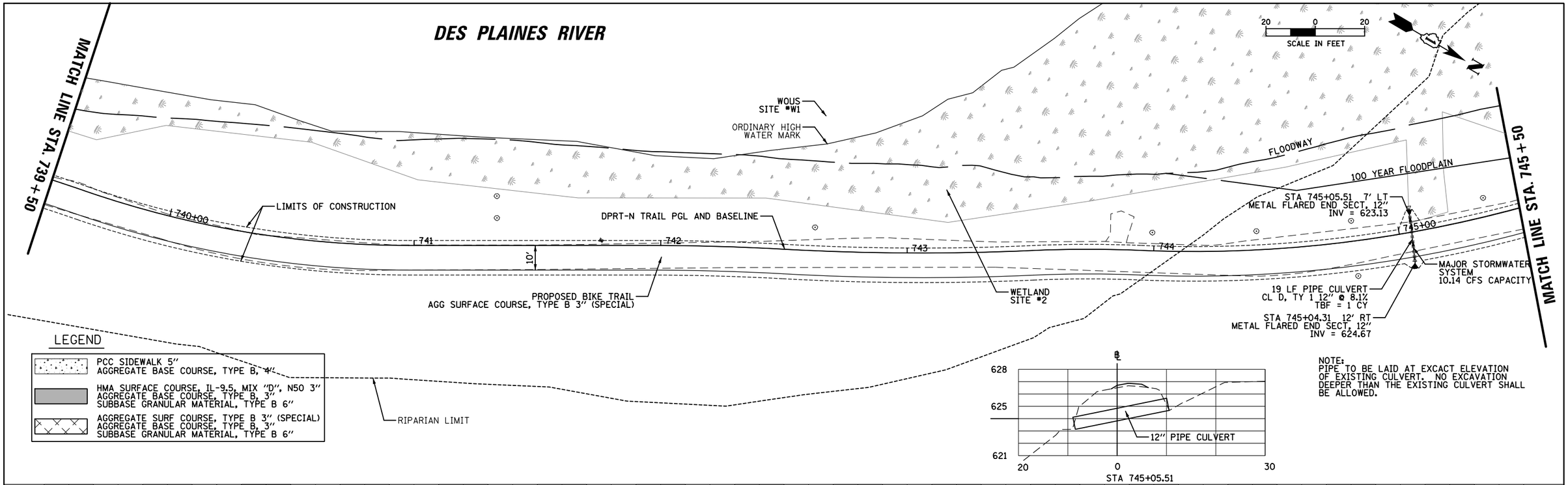
DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE
DES PLAINES RIVER TRAIL

SCALE: 1:40 | SHEET OF 112 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	32

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



NOTE:
PIPE TO BE LAID AT EXCACT ELEVATION OF EXISTING CULVERT. NO EXCAVATION DEEPER THAN THE EXISTING CULVERT SHALL BE ALLOWED.

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

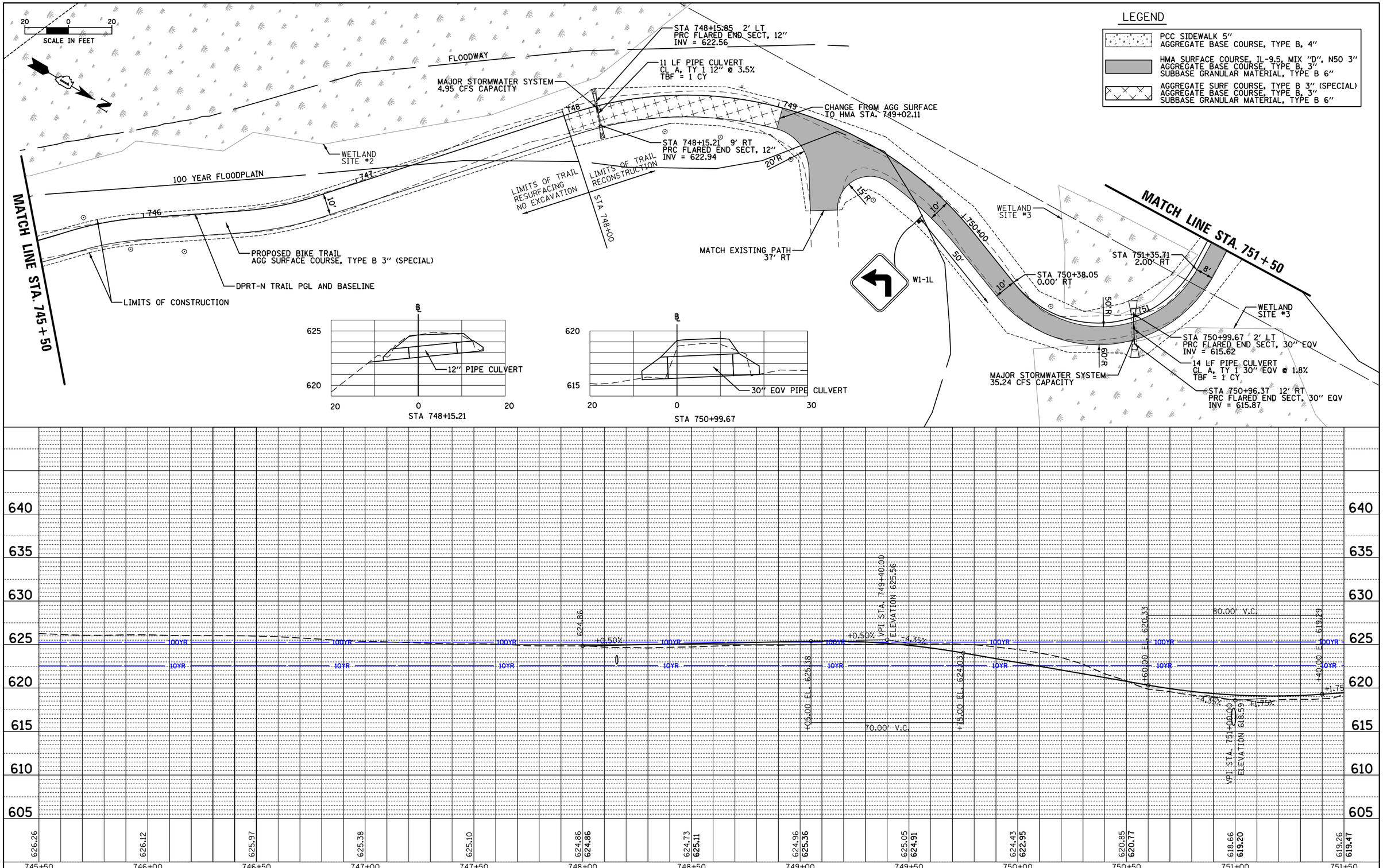
DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE
DES PLAINES RIVER TRAIL

SCALE: 1:40 | SHEET OF 112 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	33

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE
DES PLAINES RIVER TRAIL

SCALE: 1:40 | SHEET OF 112 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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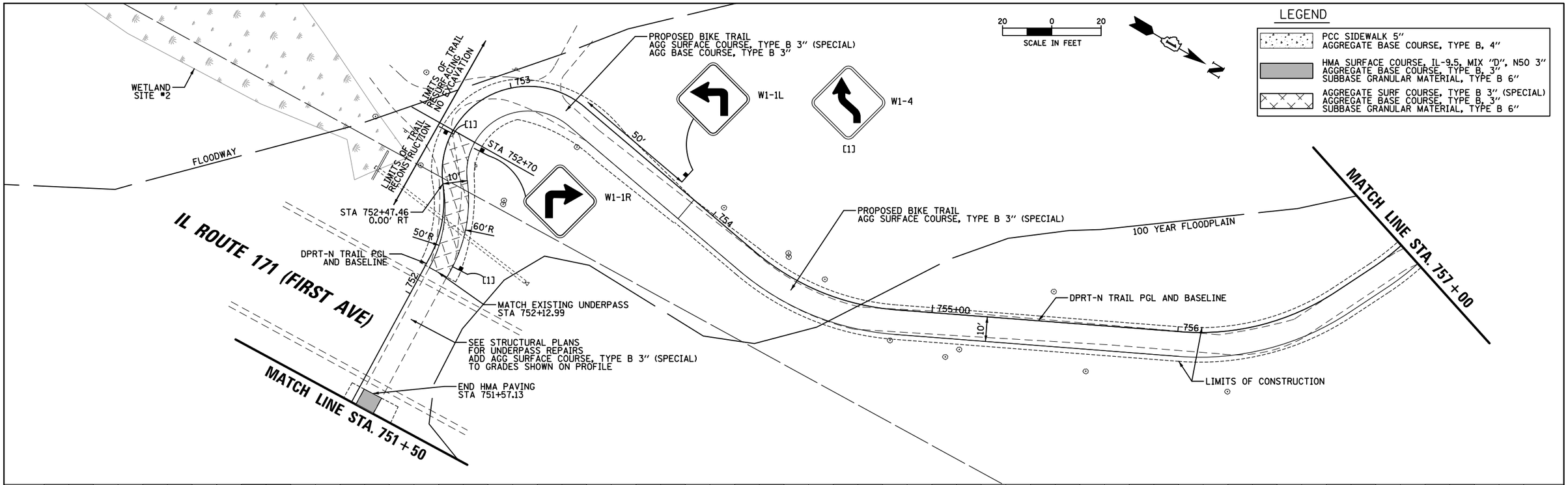
		CONTRACT NO. 61M58		
		ILLINOIS FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE
DES PLAINES RIVER TRAIL

SCALE: 1:40 | SHEET OF 112 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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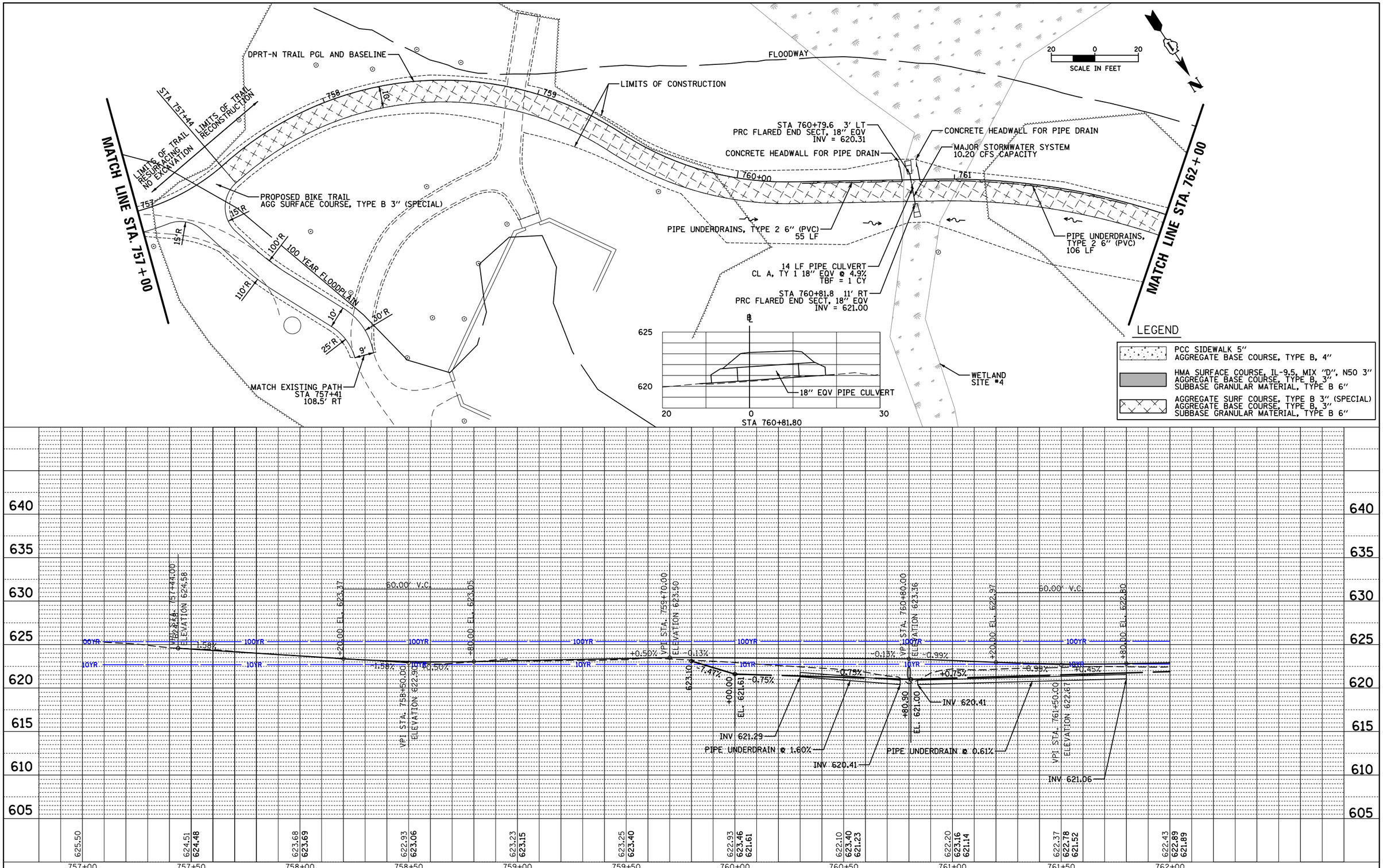
		CONTRACT NO. 61M58		
		ILLINOIS FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE
DES PLAINES RIVER TRAIL

SCALE: 1:40 | SHEET OF 112 SHEETS | STA. TO STA.

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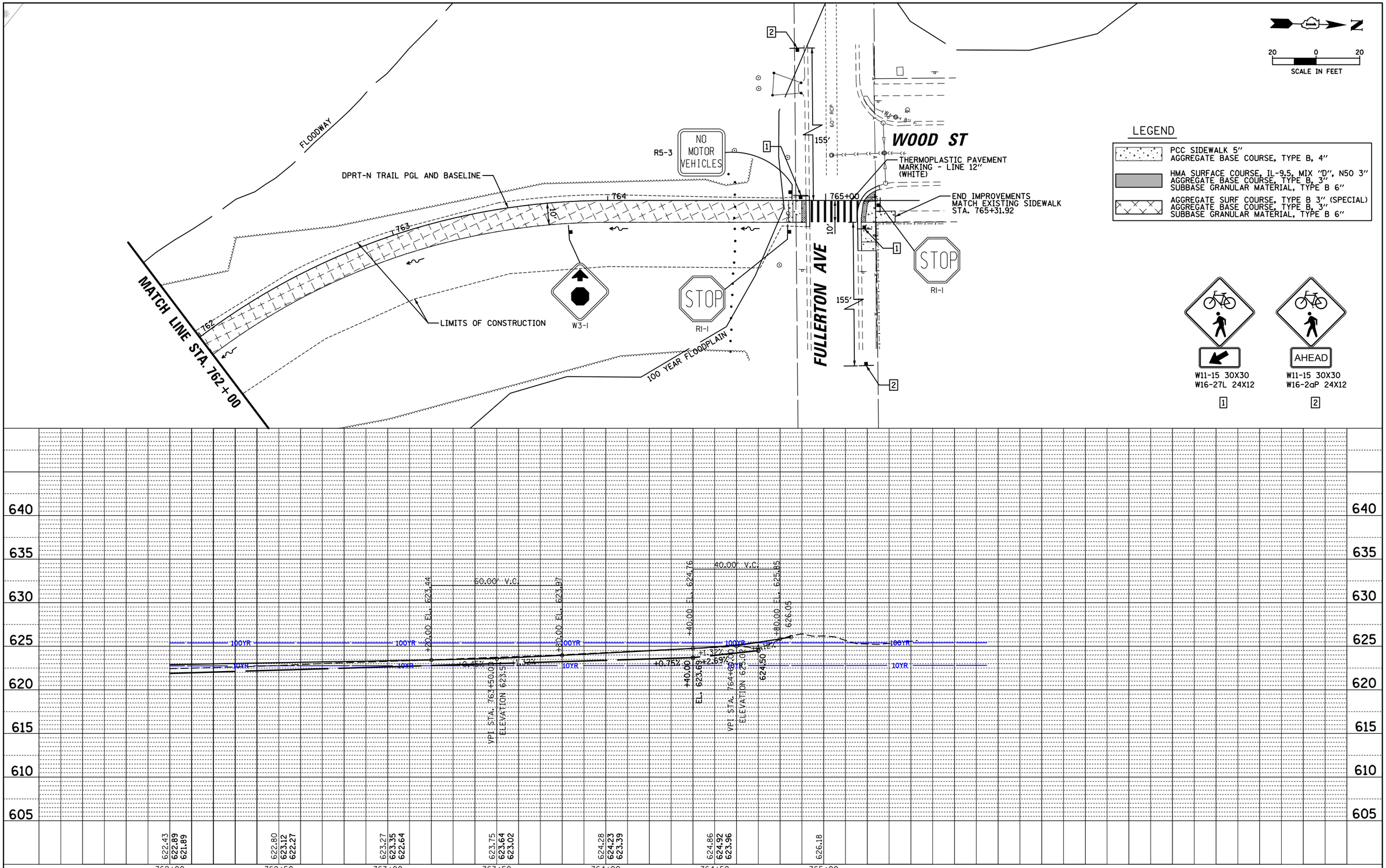
		ILLINOIS FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE
DES PLAINES RIVER TRAIL

SCALE: 1:40 | SHEET OF 112 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	37

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT

MWRD FACILITY NOTES:

A. THE MWRD SHALL HAVE 24 HOUR-A-DAY UNRESTRICTED ACCESS TO ALL MWRD STRUCTURES/SEWERS/WATERWAYS.
B. NO DEBRIS SHALL ENTER MWRD STRUCTURES/SEWERS/FACILITIES/WATERWAYS.
C. ALL ACCESS HATCHES/MANHOLE COVERS ON MWRD STRUCTURES/MANHOLES WITHIN THE PROJECT AREA SHALL NOT BE BURIED/COVERED.
D. MR. PAUL SOBANSKI OF THE MWRD SHALL BE CONTACTED AT 708-588-4080 TO HELP LOCATE MWRD FACILITIES PRIOR TO ALL CONSTRUCTION.
E. CONTRACTOR TO PROTECT MWRD FACILITIES FROM ALL CONSTRUCTION OPERATIONS, VIBRATIONS, AND HEAVY EQUIPMENT.

LEGEND

- PCC SIDEWALK 5"
  AGGREGATE BASE COURSE, TYPE B, 4"
- HMA SURFACE COURSE, IL-9.5, MIX "D", N50 3"
  AGGREGATE BASE COURSE, TYPE B, 3"
  SUBBASE GRANULAR MATERIAL, TYPE B 6"
- AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL)
  AGGREGATE BASE COURSE, TYPE B, 3"
  SUBBASE GRANULAR MATERIAL, TYPE B 6"

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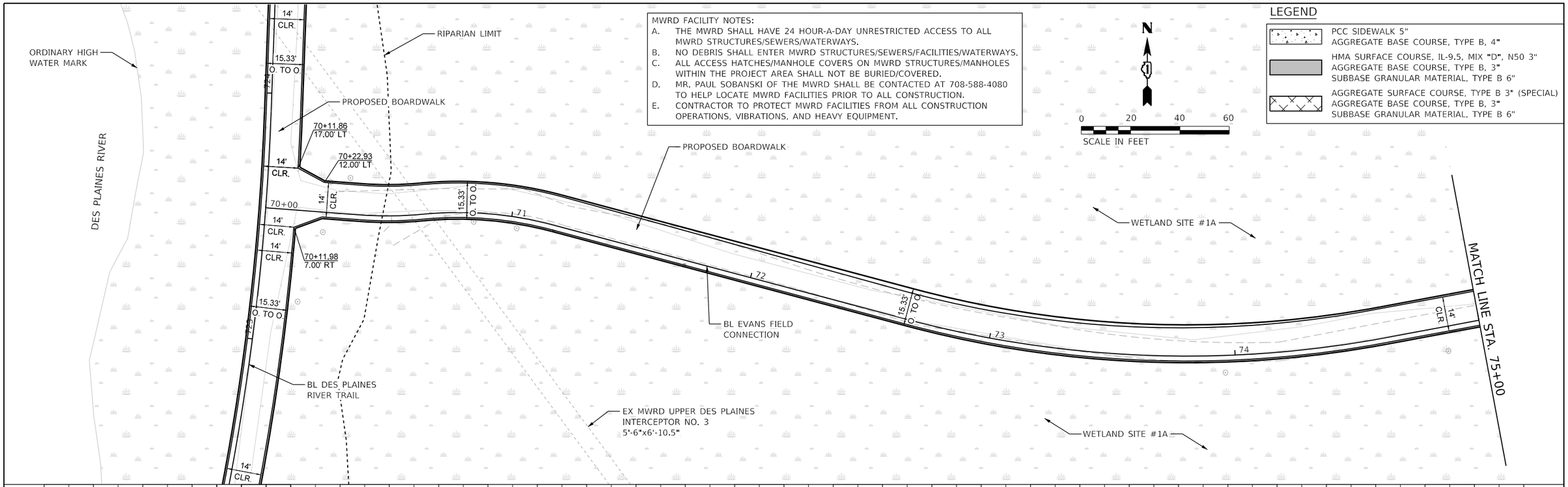

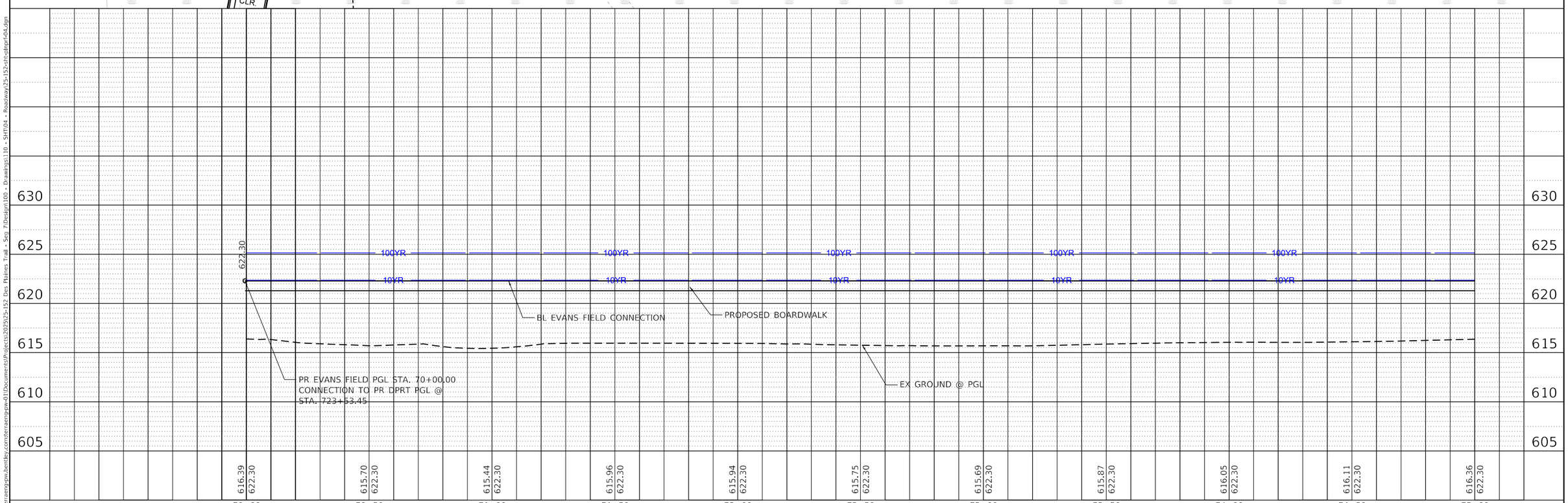

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

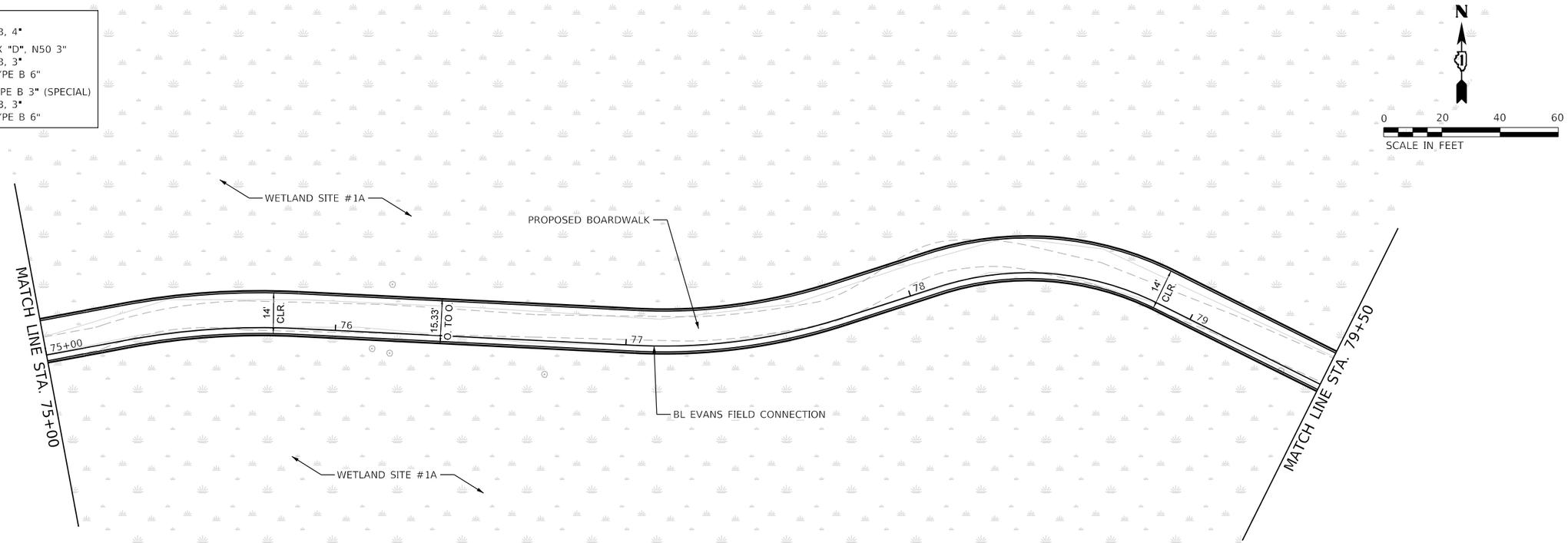
DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE – EVANS FIELD CONNECTOR

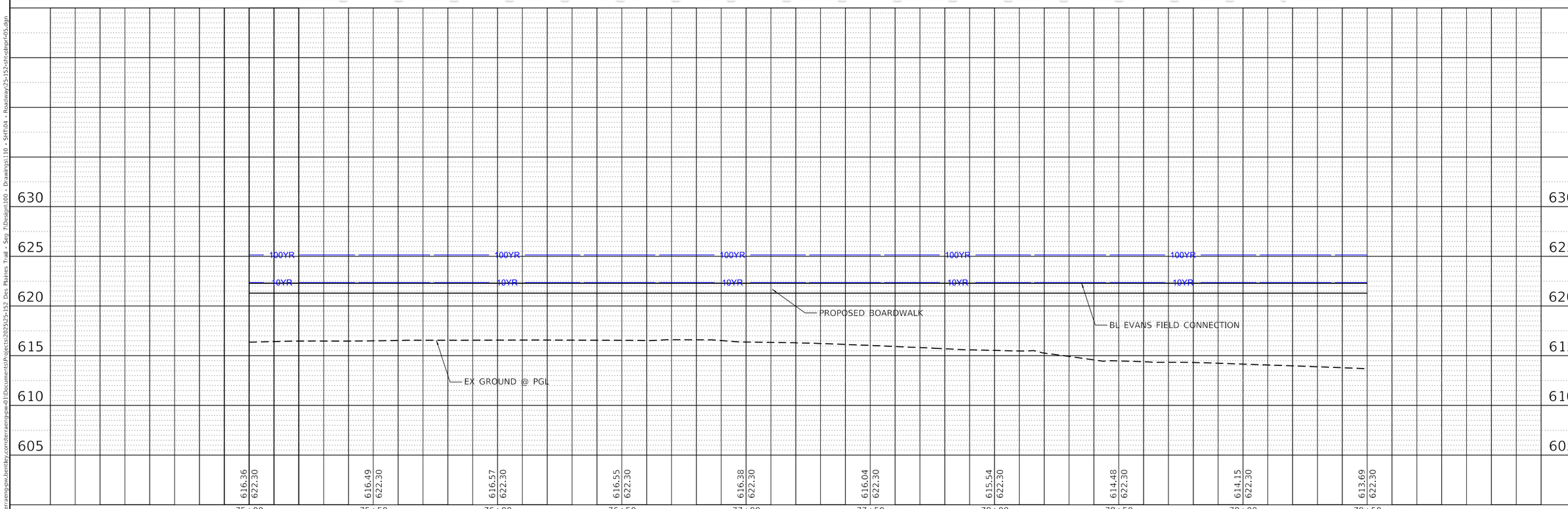
SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	38
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

LEGEND

- PCC SIDEWALK 5"
  AGGREGATE BASE COURSE, TYPE B, 4"
- HMA SURFACE COURSE, IL-9.5, MIX "D", N50 3"
  AGGREGATE BASE COURSE, TYPE B, 3"
  SUBBASE GRANULAR MATERIAL, TYPE B 6"
- AGGREGATE SURFACE COURSE, TYPE B 3" (SPECIAL)
  AGGREGATE BASE COURSE, TYPE B, 3"
  SUBBASE GRANULAR MATERIAL, TYPE B 6"





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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE – EVANS FIELD CONNECTOR

SCALE: | SHEET 5 OF 6 SHEETS | STA. TO STA.

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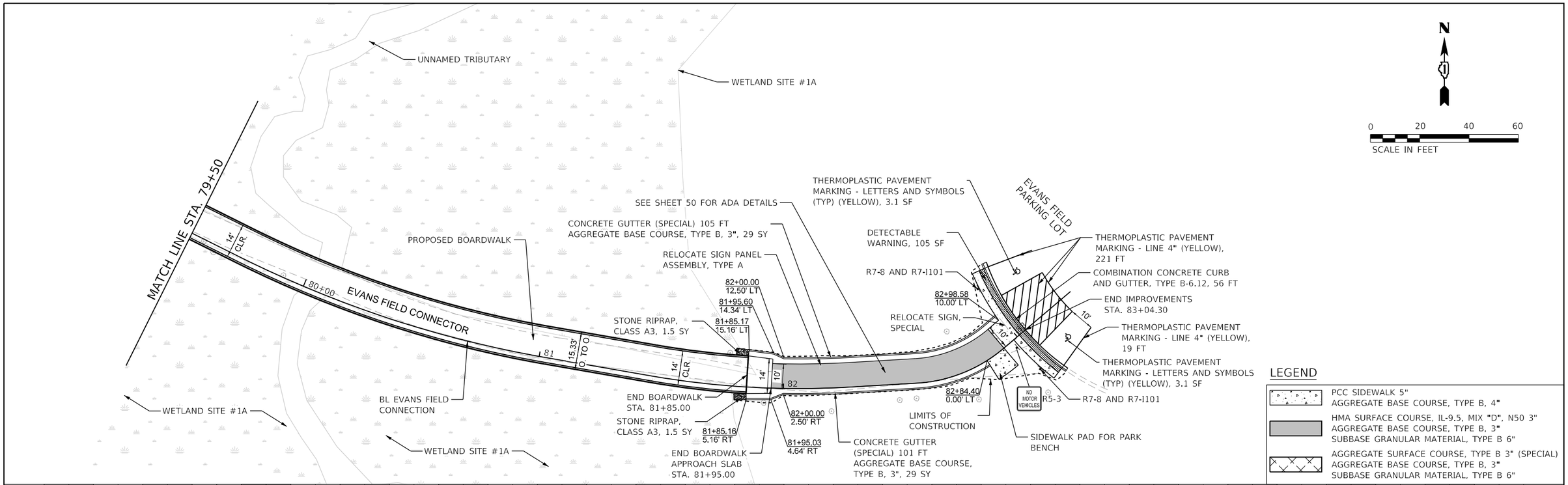
		ILLINOIS	FED. AID PROJECT	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
PLAN AND PROFILE – EVANS FIELD CONNECTOR

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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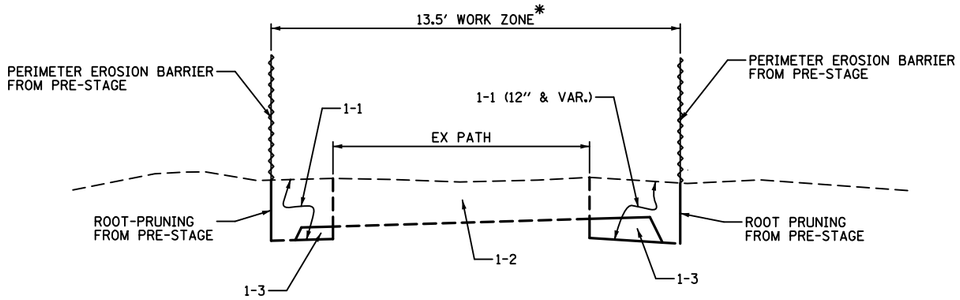
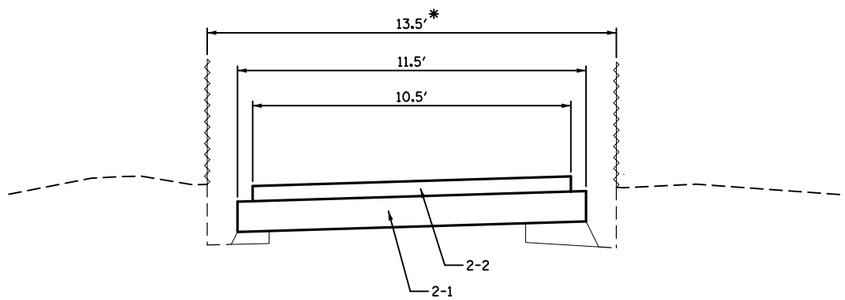
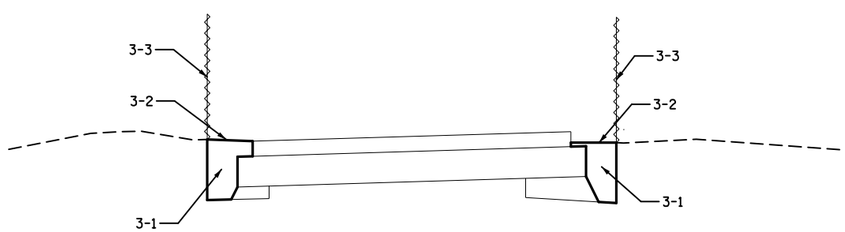


STAGE 1

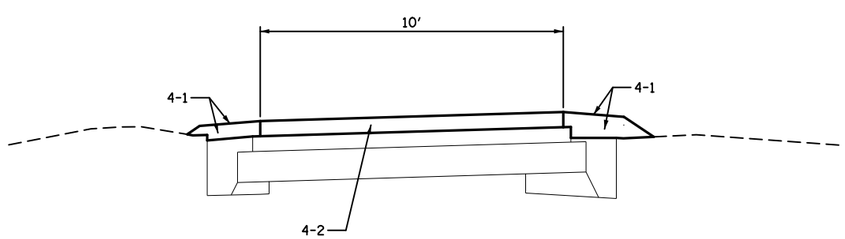
* 13.5′ WORK ZONE WILL BE STRICTLY ENFORCED
CONTRACTOR SHALL BID ACCORDINGLY



STAGE 2



STAGE 3



STAGE 4

CONSTRUCTION STAGING DETAILS

PRE-STAGE

A. SET ALIGNMENT STAKES

B. CONTRACTOR'S PROFESSIONAL ARBORIST AND FOREST PRESERVE DISTRICT OF COOK COUNTY (FPDCC) ARBORIST WALK CONSTRUCTION SITE AND DETERMINE LOCATIONS FOR TREE PROTECTION ZONE AS DEFINED BY THE FPDCC TREE PROTECTION AND PRESERVATION MANUAL AND THE PROJECT SPECIFICATIONS. IN ADDITION, DETERMINE LOCATIONS FOR TREE ROOT PRUNING, TREE PRUNING, TREE ROOT PRESERVATION, AND TREE REMOVAL. PRIOR TO THE WALKTHROUGH, THE CONTRACTOR SHALL LAY OUT THE TRAIL BASE LINE AND PROPOSED ROOT PRUNING LOCATIONS (INCLUDED IN THE COST OF TREE ROOT PRUNING (SPECIAL)).

C. REMOVE TREES THAT ARE AGREED UPON AS NECESSARY AND ACCEPTABLE TO THE ENGINEER, ARBORIST, AND FPDCC.

NOTE: TREE REMOVALS SHOWN IN THE PLANS ARE ESTIMATED. THE FPDCC AND ITS REPRESENTATIVES SHALL HAVE THE ULTIMATE AUTHORITY IN WHICH TREES ARE REMOVED. ANY TREES THAT ARE REMOVED OR DAMAGED WITHOUT PRIOR APPROVAL FROM THE FPDCC SHALL BE SUBJECT TO THE UNAUTHORIZED TREE REMOVAL SPECIAL PROVISION.

D. ROOT PRUNING TO BE PERFORMED BY PRE-QUALIFIED ARBORIST BASED ON PLAN DETAILS AND PRE-CONSTRUCTION WALK THROUGH

E. CONSTRUCT TREE ROOT PROTECTION UNDER THE DIRECTION OF THE ARBORIST.

F. INSTALL PERIMETER EROSION BARRIER IN ROOT PRUNING TRENCH 1.75′ FROM EDGE OF PROPOSED PATH CREATING A 13.5′ WIDE WORK ZONE CORRIDOR.

STAGE 1: EXCAVATION

1-1 REMOVE TOPSOIL FROM PERIMETER EROSION BARRIER TO EXISTING PATH (ASSUMED 0.5′ DEEP), STOCKPILE REUSABLE TOPSOIL IN STAGING AREA.

1-2 EXCAVATE EXISTING PATH TO BOTTOM OF PROPOSED SUBBASE.

1-3 PLACE EMBANKMENT FROM EXISTING PATH EXCAVATION UNDER PROPOSED SUBGRADE AND COMPACT.

1-4 HAUL AWAY EXCESS EXCAVATION NOT USED AS EMBANKMENT UNDER PROPOSED SUBGRADE.

STAGE 2: PLACE AGGREGATE BASE FOR PATH

2-1 PLACE AGGREGATE SUBGRADE, 6″.

2-2 PLACE AGGREGATE BASE COURSE, TY. B, 3″.

STAGE 3: TEMPORARY EROSION CONTROL

3-1 BACKFILL REMAINING TRENCH WITH STOCKPILED TOPSOIL TO EXISTING EXISTING GROUND ELEVATION AT THE PERIMETER EROSION BARRIER.

3-2 PLACE TEMPORARY SEEDING AND TEMP EROSION CONTROL BLANKET.

3-3 REMOVE PERIMETER EROSION BARRIER.

STAGE 4: PLACE SURFACE COURSE AND FINAL LANDSCAPING

4-1 PLACE STOCKPILED TOPSOIL TO FINISHED GRADE, PLACE FINAL SEEDING, AND INSTALL EROSION CONTROL BLANKET. NO TOPSOIL SHALL REMAIN UNBLANKETED AT THE END OF A WORK DAY.

4-2 PLACE AGGREGATE SURFACE COURSE, 3″.

LEGEND

PATH CLOSED

24X18 R11-2C
SEE NOTE 5

TRUCKS ENTERING AND EXITING

36X36 CUSTOM SIGN
SEE NOTE 5

MEDIUM QUALITY RPBB HABITAT (SEE NOTE 6)

CONSTRUCTION ACCESS AND STOCKPILING NOTES

1. AFTER CONSTRUCTION IS COMPLETE, THE PARKING LOT AREA IMPACTED BY CONSTRUCTION SHALL BE RESTORED WITH PAVEMENT REMOVAL, PREPARATION OF BASE, AGGREGATE BASE REPAIR AND HMA SURFACE COURSE, IL-9.5, MIX "D", N50 - 3".

2. THE PARKING LOT SHALL BE CLOSED FOR A MAXIMUM OF 3 DAYS FOR RESURFACING. THE TIMING OF THE CLOSURE MUST BE APPROVED BY THE FOREST PRESERVE.

3. CONSTRUCTION ACCESS AS WELL AS MATERIAL AND EQUIPMENT STORAGE SHALL NOT TAKE PLACE OUTSIDE THE LIMITS OF THE PARKING LOT RESURFACING AREA SHOWN.

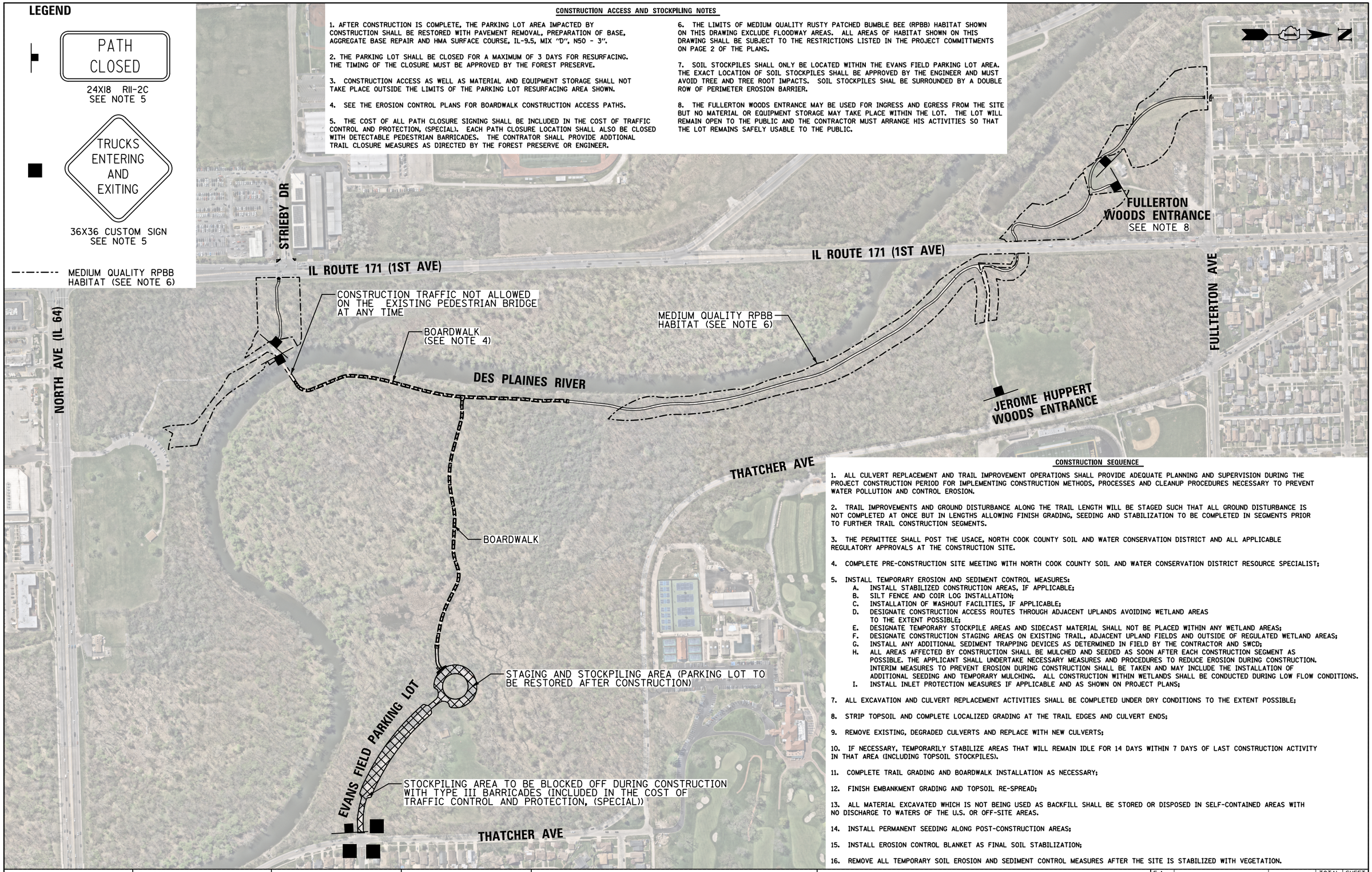
4. SEE THE EROSION CONTROL PLANS FOR BOARDWALK CONSTRUCTION ACCESS PATHS.

5. THE COST OF ALL PATH CLOSURE SIGNING SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL). EACH PATH CLOSURE LOCATION SHALL ALSO BE CLOSED WITH DETECTABLE PEDESTRIAN BARRICADES. THE CONTRATOR SHALL PROVIDE ADDTIONAL TRAIL CLOSURE MEASURES AS DIRECTED BY THE FOREST PRESERVE OR ENGINEER.

6. THE LIMITS OF MEDIUM QUALITY RUSTY PATCHED BUMBLE BEE (RPBB) HABITAT SHOWN ON THIS DRAWING EXCLUDE FLOODWAY AREAS. ALL AREAS OF HABITAT SHOWN ON THIS DRAWING SHALL BE SUBJECT TO THE RESTRICTIONS LISTED IN THE PROJECT COMMITTMENTS ON PAGE 2 OF THE PLANS.

7. SOIL STOCKPILES SHALL ONLY BE LOCATED WITHIN THE EVANS FIELD PARKING LOT AREA. THE EXACT LOCATION OF SOIL STOCKPILES SHALL BE APPROVED BY THE ENGINEER AND MUST AVOID TREE AND TREE ROOT IMPACTS. SOIL STOCKPILES SHAL BE SURROUNDED BY A DOUBLE ROW OF PERIMETER EROSION BARRIER.

8. THE FULLERTON WOODS ENTRANCE MAY BE USED FOR INGRESS AND EGRESS FROM THE SITE BUT NO MATERIAL OR EQUIPMENT STORAGE MAY TAKE PLACE WITHIN THE LOT. THE LOT WILL REMAIN OPEN TO THE PUBLIC AND THE CONTRACTOR MUST ARRANGE HIS ACTIVITIES SO THAT THE LOT REMAINS SAFELY USABLE TO THE PUBLIC.



CONSTRUCTION SEQUENCE

1. ALL CULVERT REPLACEMENT AND TRAIL IMPROVEMENT OPERATIONS SHALL PROVIDE ADEQUATE PLANNING AND SUPERVISION DURING THE PROJECT CONSTRUCTION PERIOD FOR IMPLEMENTING CONSTRUCTION METHODS, PROCESSES AND CLEANUP PROCEDURES NECESSARY TO PREVENT WATER POLLUTION AND CONTROL EROSION.

2. TRAIL IMPROVEMENTS AND GROUND DISTURBANCE ALONG THE TRAIL LENGTH WILL BE STAGED SUCH THAT ALL GROUND DISTURBANCE IS NOT COMPLETED AT ONCE BUT IN LENGTHS ALLOWING FINISH GRADING, SEEDING AND STABILIZATION TO BE COMPLETED IN SEGMENTS PRIOR TO FURTHER TRAIL CONSTRUCTION SEGMENTS.

3. THE PERMITTEE SHALL POST THE USACE, NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT AND ALL APPLICABLE REGULATORY APPROVALS AT THE CONSTRUCTION SITE.

4. COMPLETE PRE-CONSTRUCTION SITE MEETING WITH NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT RESOURCE SPECIALIST;

5. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:
   - A. INSTALL STABILIZED CONSTRUCTION AREAS, IF APPLICABLE;
   - B. SILT FENCE AND COIR LOG INSTALLATION;
   - C. INSTALLATION OF WASHOUT FACILITIES, IF APPLICABLE;
   - D. DESIGNATE CONSTRUCTION ACCESS ROUTES THROUGH ADJACENT UPLANDS AVOIDING WETLAND AREAS TO THE EXTENT POSSIBLE;
   - E. DESIGNATE TEMPORARY STOCKPILE AREAS AND SIDECAST MATERIAL SHALL NOT BE PLACED WITHIN ANY WETLAND AREAS;
   - F. DESIGNATE CONSTRUCTION STAGING AREAS ON EXISTING TRAIL, ADJACENT UPLAND FIELDS AND OUTSIDE OF REGULATED WETLAND AREAS;
   - G. INSTALL ANY ADDITIONAL SEDIMENT TRAPPING DEVICES AS DETERMINED IN FIELD BY THE CONTRACTOR AND SWCD;
   - H. ALL AREAS AFFECTED BY CONSTRUCTION SHALL BE MULCHED AND SEEDED AS SOON AFTER EACH CONSTRUCTION SEGMENT AS POSSIBLE. THE APPLICANT SHALL UNDERTAKE NECESSARY MEASURES AND PROCEDURES TO REDUCE EROSION DURING CONSTRUCTION. INTERIM MEASURES TO PREVENT EROSION DURING CONSTRUCTION SHALL BE TAKEN AND MAY INCLUDE THE INSTALLATION OF ADDITIONAL SEEDING AND TEMPORARY MULCHING. ALL CONSTRUCTION WITHIN WETLANDS SHALL BE CONDUCTED DURING LOW FLOW CONDITIONS.
   - I. INSTALL INLET PROTECTION MEASURES IF APPLICABLE AND AS SHOWN ON PROJECT PLANS;

7. ALL EXCAVATION AND CULVERT REPLACEMENT ACTIVITIES SHALL BE COMPLETED UNDER DRY CONDITIONS TO THE EXTENT POSSIBLE;

8. STRIP TOPSOIL AND COMPLETE LOCALIZED GRADING AT THE TRAIL EDGES AND CULVERT ENDS;

9. REMOVE EXISTING, DEGRADED CULVERTS AND REPLACE WITH NEW CULVERTS;

10. IF NECESSARY, TEMPORARILY STABILIZE AREAS THAT WILL REMAIN IDLE FOR 14 DAYS WITHIN 7 DAYS OF LAST CONSTRUCTION ACTIVITY IN THAT AREA (INCLUDING TOPSOIL STOCKPILES).

11. COMPLETE TRAIL GRADING AND BOARDWALK INSTALLATION AS NECESSARY;

12. FINISH EMBANKMENT GRADING AND TOPSOIL RE-SPREAD;

13. ALL MATERIAL EXCAVATED WHICH IS NOT BEING USED AS BACKFILL SHALL BE STORED OR DISPOSED IN SELF-CONTAINED AREAS WITH NO DISCHARGE TO WATERS OF THE U.S. OR OFF-SITE AREAS.

14. INSTALL PERMANENT SEEDING ALONG POST-CONSTRUCTION AREAS;

15. INSTALL EROSION CONTROL BLANKET AS FINAL SOIL STABILIZATION;

16. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION.

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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
STOCKPILE, CONSTRUCTION ACCESS PLAN AND CONSTRUCTION SEQUENCE

SCALE: 1:400 | SHEET OF SHEETS | STA. TO STA.

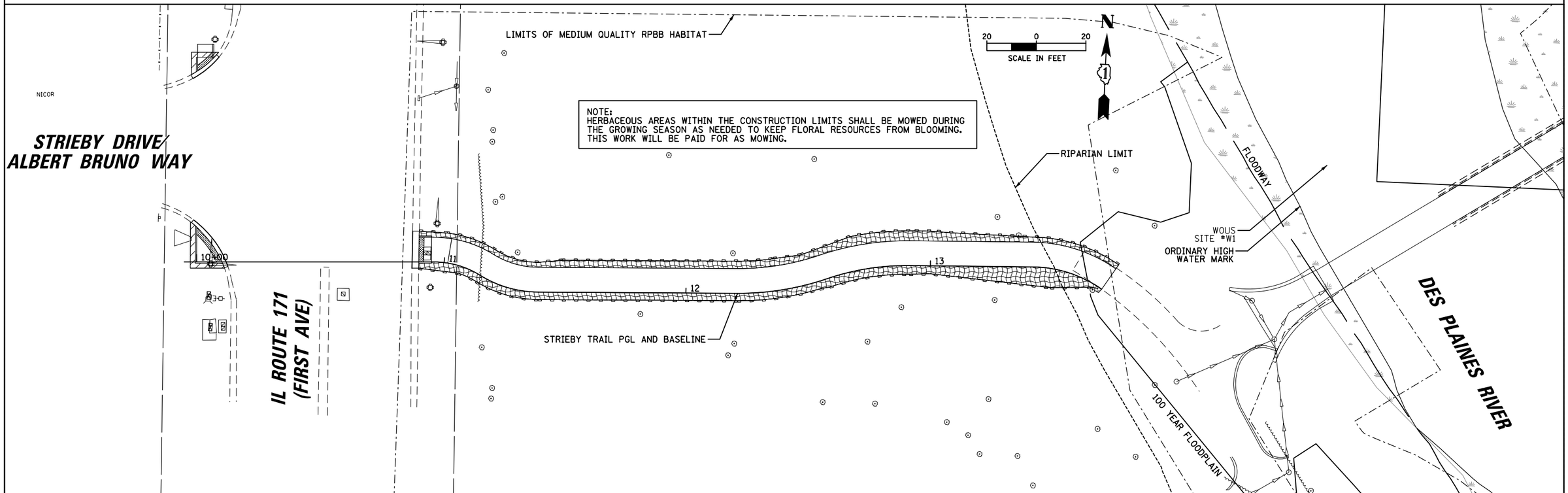
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	42

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT

LEGEND

- TEMP - EROS CNTRL SEED AND TEMP WL FR ECB
  PERM - SEEDING CLASS 4A & 5 AND WL FR ECB
- TEMP - EROS CNTRL SEED AND TEMP WL FR ECB
  PERM - SEEDING CLASS 4B & 5B AND WL FR ECB
- TEMP - EROS CNTRL SEED AND TEMP WL FR ECB
  PERM - SEEDING CLASS 1B AND WL FR ECB
- INLET FILTERS
- PERIMETER EROSION BARRIER, ROLLED EXCEL.
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER (SPECIAL)
- EXISTING WETLAND
- 100-YEAR FLOODPLAIN



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Default	PLOT DATE = 7/16/2026	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

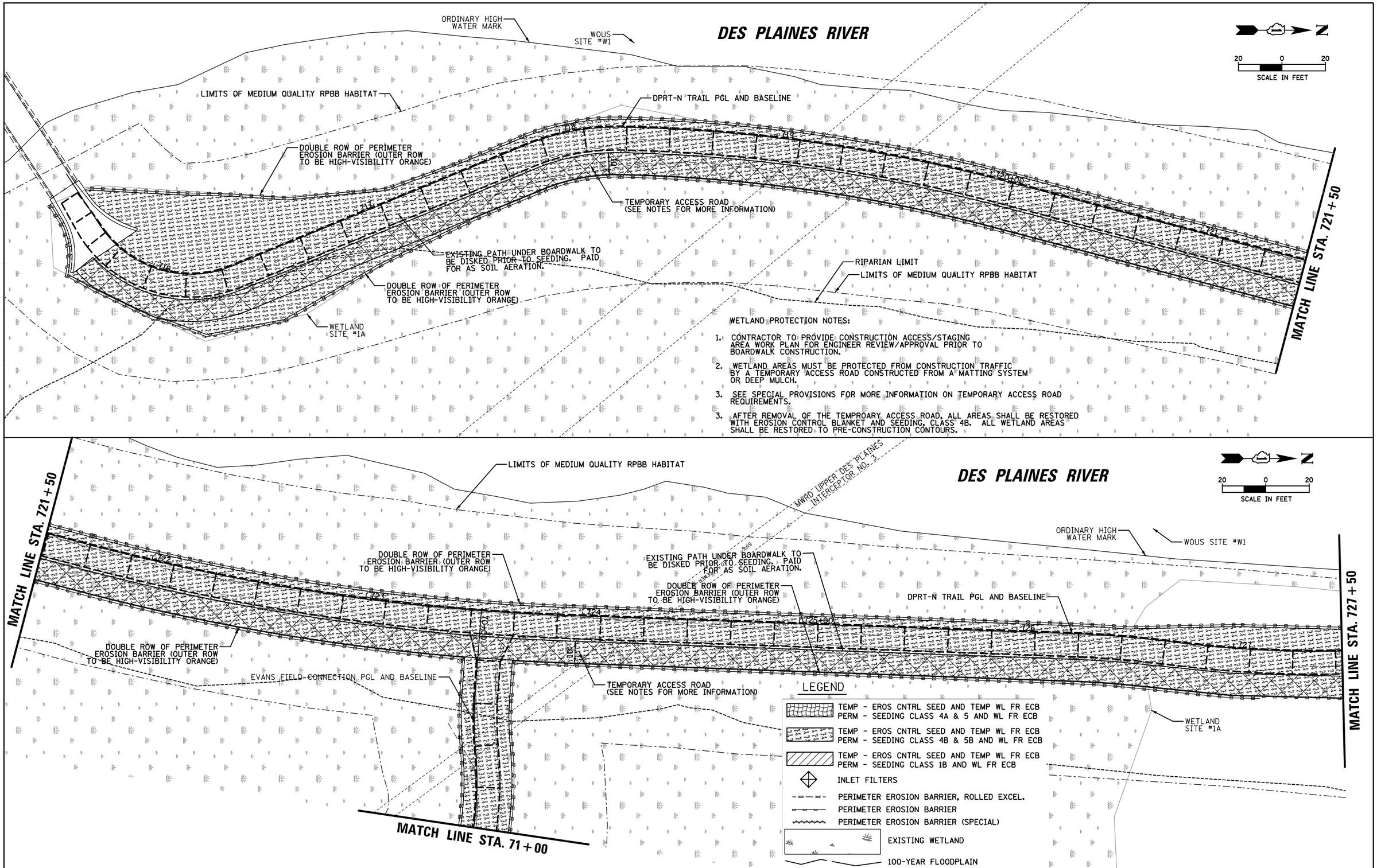
DES PLAINES RIVER TRAIL – SEGMENT 7
EROSION CONTROL PLAN
STRIEBY DR CONNECTOR

SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	43

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

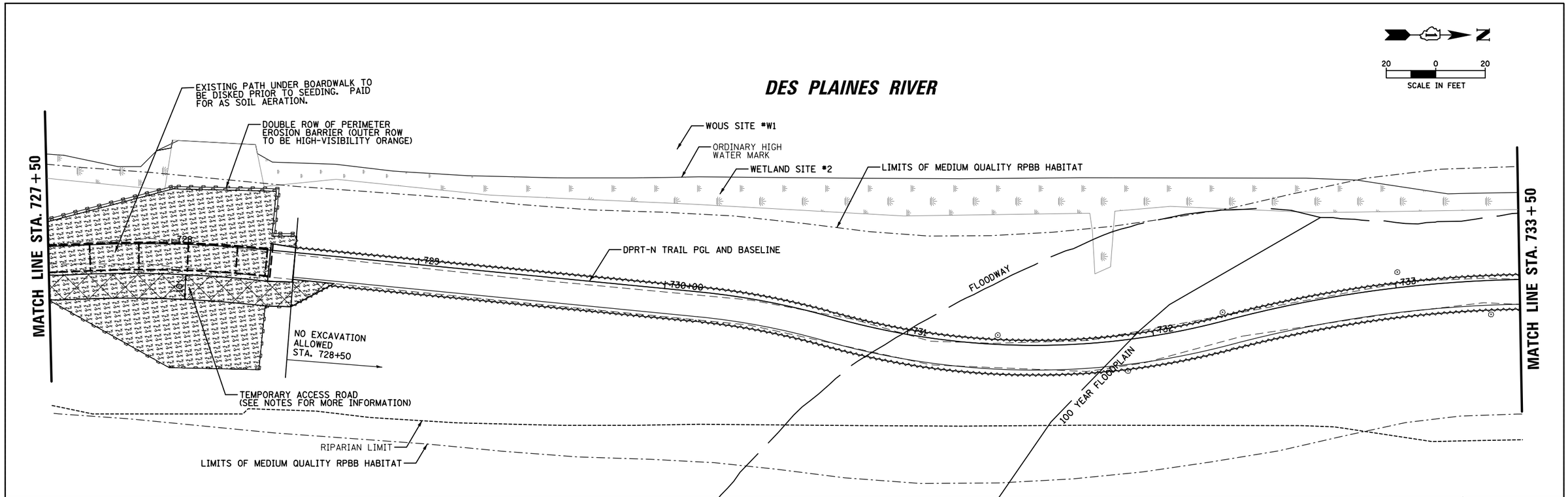
DES PLAINES RIVER TRAIL – SEGMENT 7
EROSION CONTROL PLAN
DES PLAINES RIVER TRAIL

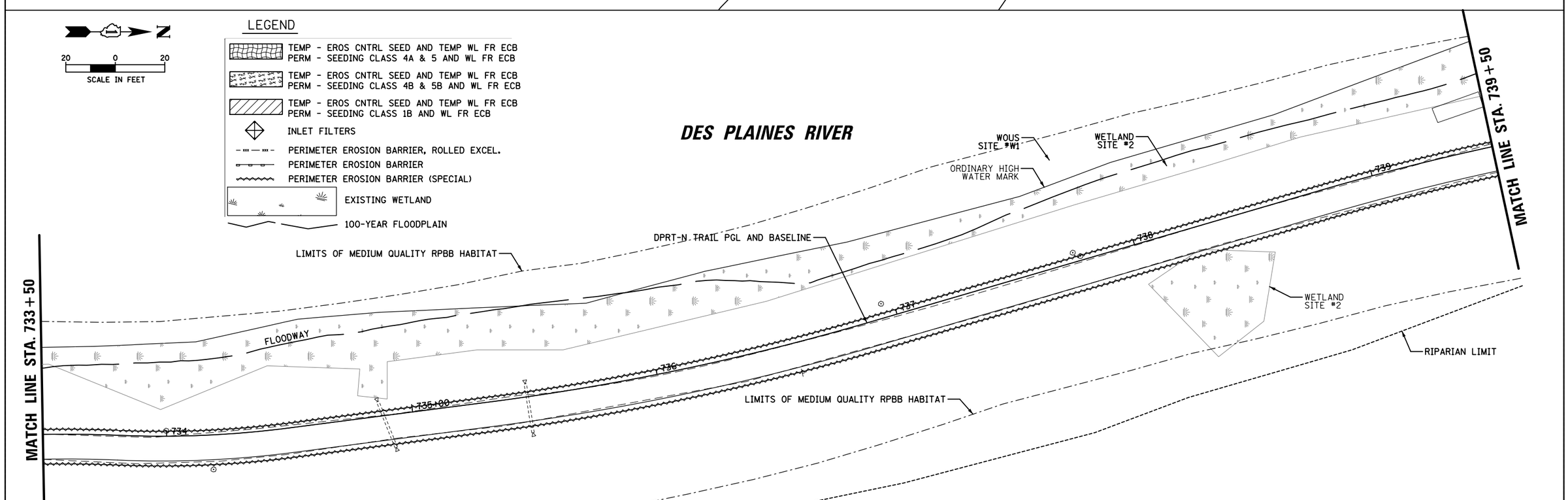
SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	44

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT





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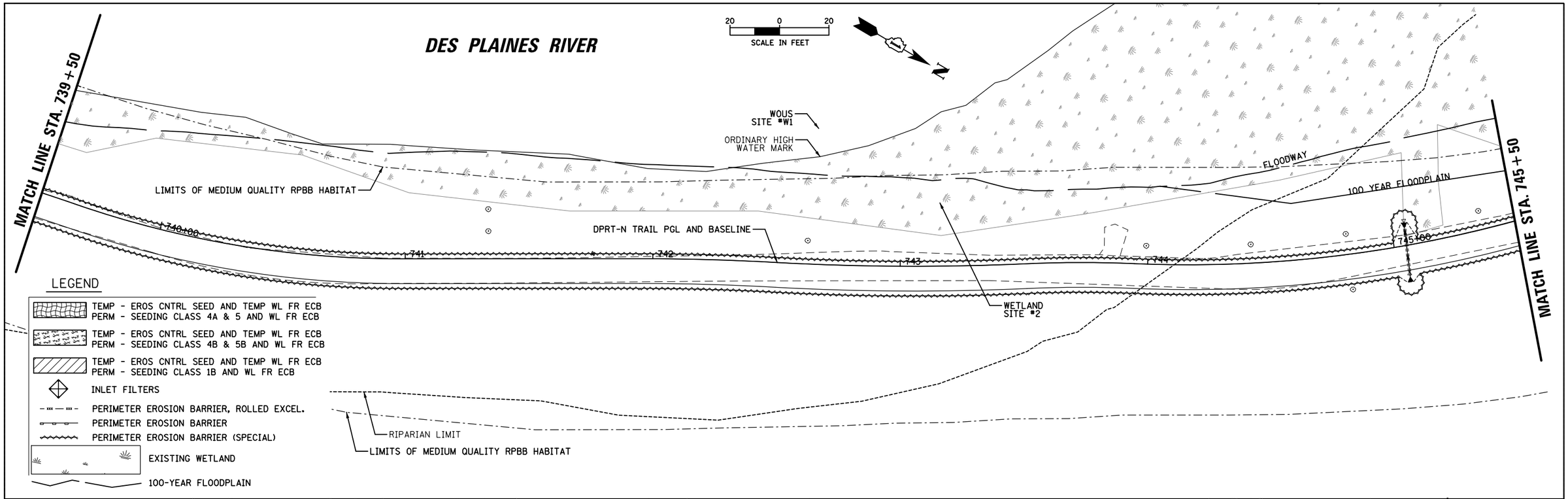
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
EROSION CONTROL PLAN
DES PLAINES RIVER TRAIL

SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	45
		CONTRACT NO. 61M58		
		ILLINOIS FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

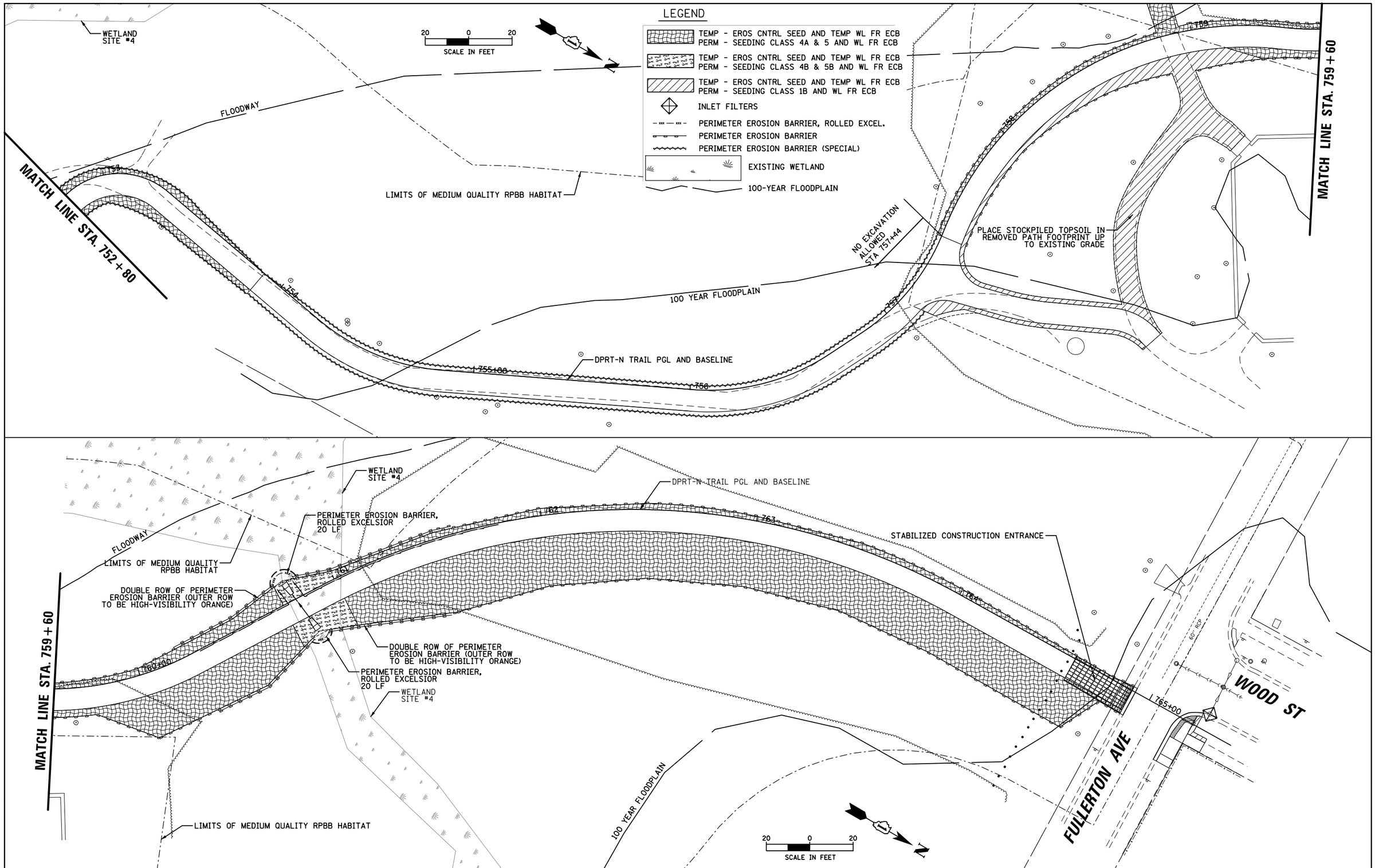
DES PLAINES RIVER TRAIL – SEGMENT 7
EROSION CONTROL PLAN
DES PLAINES RIVER TRAIL

SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	46

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

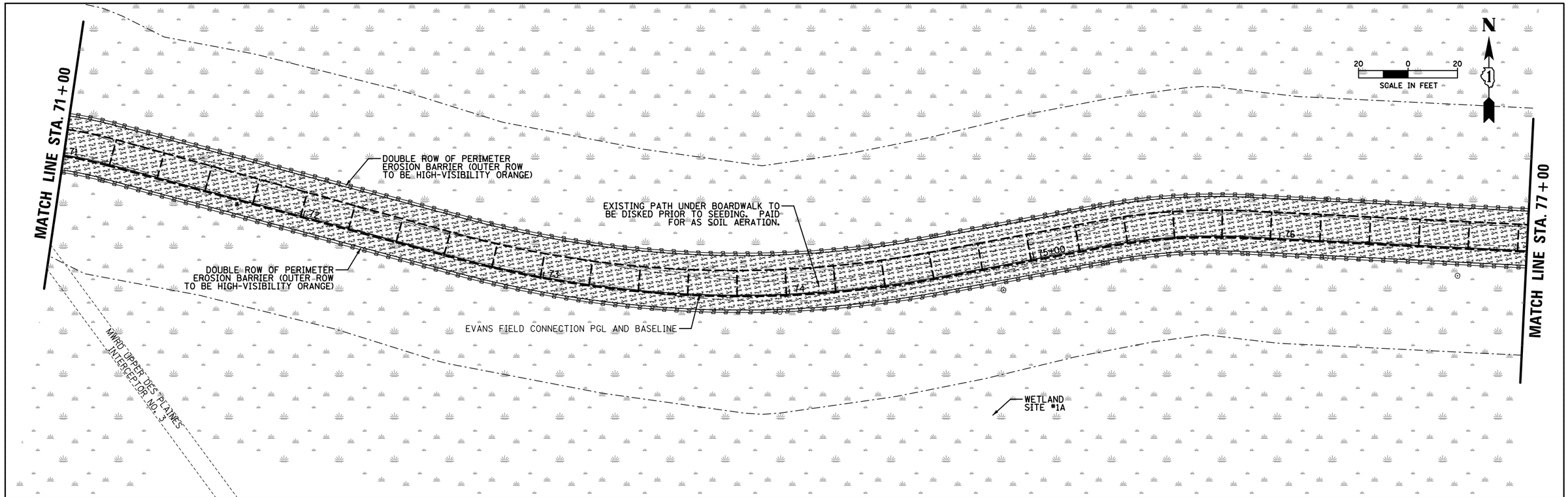
DES PLAINES RIVER TRAIL – SEGMENT 7
EROSION CONTROL PLAN
DES PLAINES RIVER TRAIL

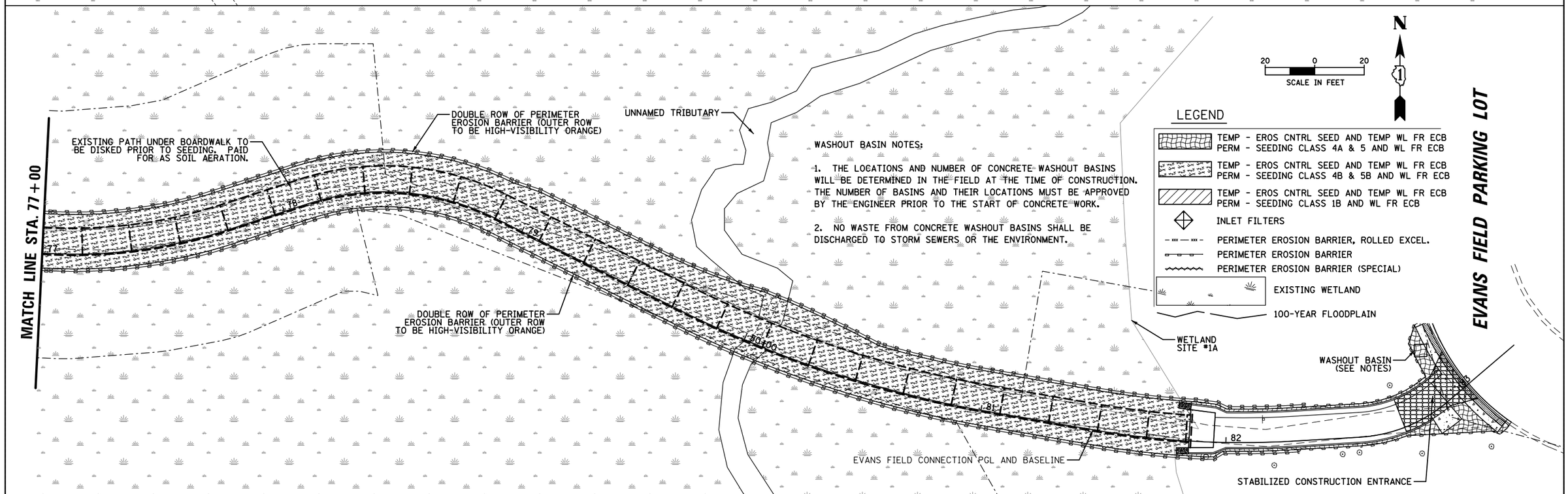
SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	47

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT





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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

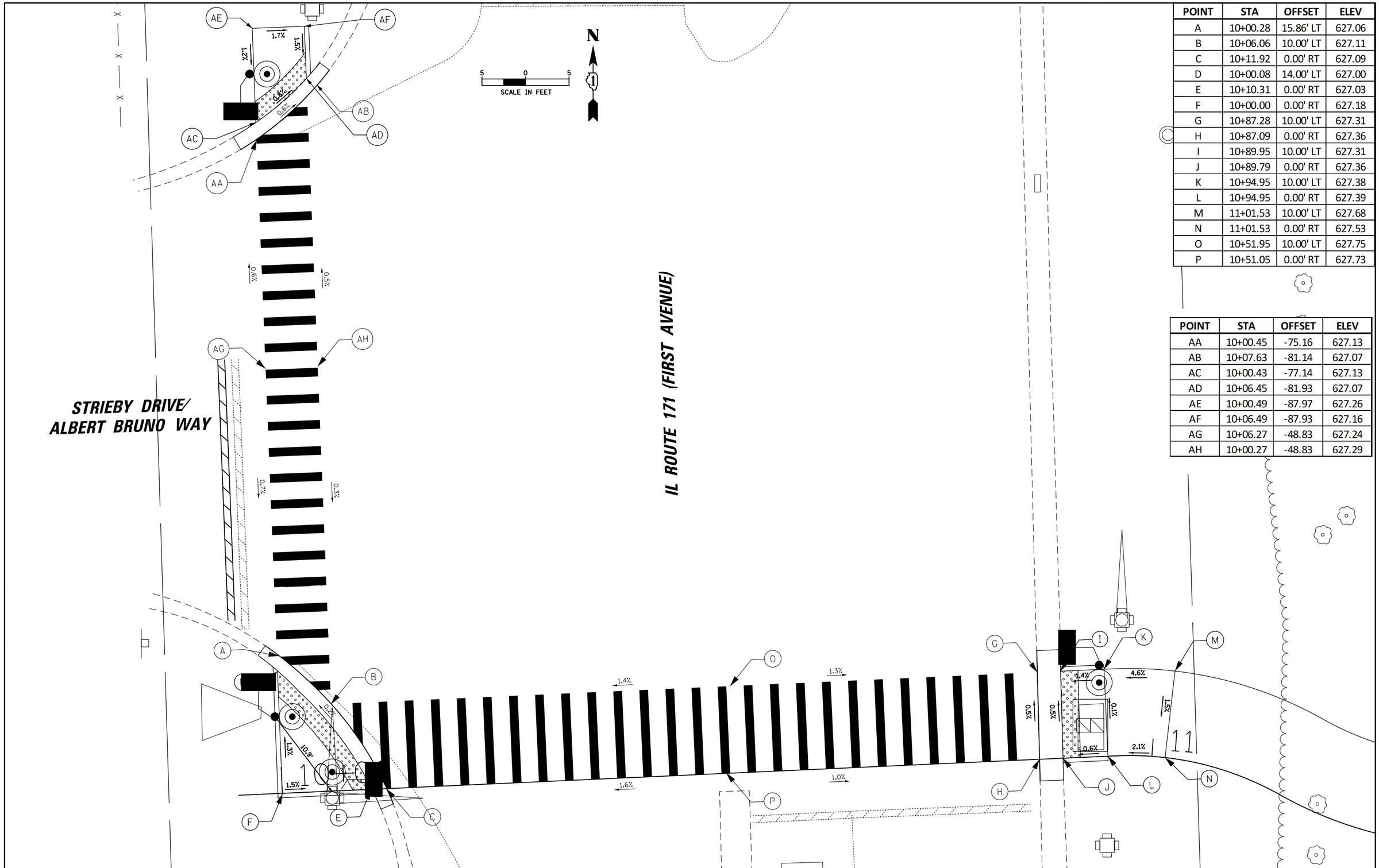
DES PLAINES RIVER TRAIL – SEGMENT 7
EROSION CONTROL PLAN
EVANS FIELD CONNECTOR

SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	48

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



POINT	STA	OFFSET	ELEV
A	10+00.28	15.86' LT	627.06
B	10+06.06	10.00' LT	627.11
C	10+11.92	0.00' RT	627.09
D	10+00.08	14.00' LT	627.00
E	10+10.31	0.00' RT	627.03
F	10+00.00	0.00' RT	627.18
G	10+87.28	10.00' LT	627.31
H	10+87.09	0.00' RT	627.36
I	10+89.95	10.00' LT	627.31
J	10+89.79	0.00' RT	627.36
K	10+94.95	10.00' LT	627.38
L	10+94.95	0.00' RT	627.39
M	11+01.53	10.00' LT	627.68
N	11+01.53	0.00' RT	627.53
O	10+51.95	10.00' LT	627.75
P	10+51.05	0.00' RT	627.73

POINT	STA	OFFSET	ELEV
AA	10+00.45	-75.16	627.13
AB	10+07.63	-81.14	627.07
AC	10+00.43	-77.14	627.13
AD	10+06.45	-81.93	627.07
AE	10+00.49	-87.97	627.26
AF	10+06.49	-87.93	627.16
AG	10+06.27	-48.83	627.24
AH	10+00.27	-48.83	627.29

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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
ADA GRADING DETAILS

SCALE: 1:10 | SHEET OF SHEETS | STA. TO STA.

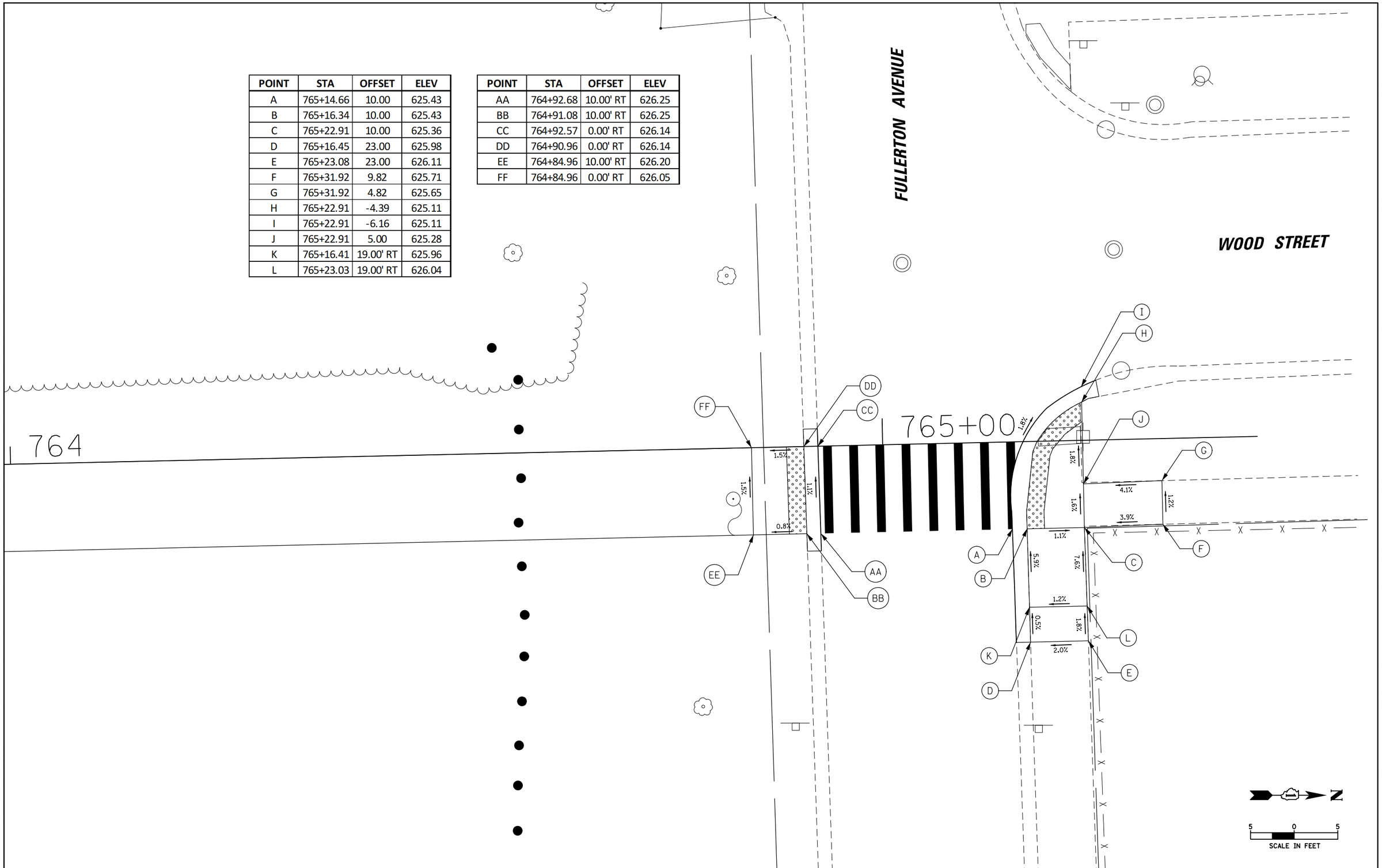
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	49

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT

POINT	STA	OFFSET	ELEV
A	765+14.66	10.00	625.43
B	765+16.34	10.00	625.43
C	765+22.91	10.00	625.36
D	765+16.45	23.00	625.98
E	765+23.08	23.00	626.11
F	765+31.92	9.82	625.71
G	765+31.92	4.82	625.65
H	765+22.91	-4.39	625.11
I	765+22.91	-6.16	625.11
J	765+22.91	5.00	625.28
K	765+16.41	19.00' RT	625.96
L	765+23.03	19.00' RT	626.04

POINT	STA	OFFSET	ELEV
AA	764+92.68	10.00' RT	626.25
BB	764+91.08	10.00' RT	626.25
CC	764+92.57	0.00' RT	626.14
DD	764+90.96	0.00' RT	626.14
EE	764+84.96	10.00' RT	626.20
FF	764+84.96	0.00' RT	626.05



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

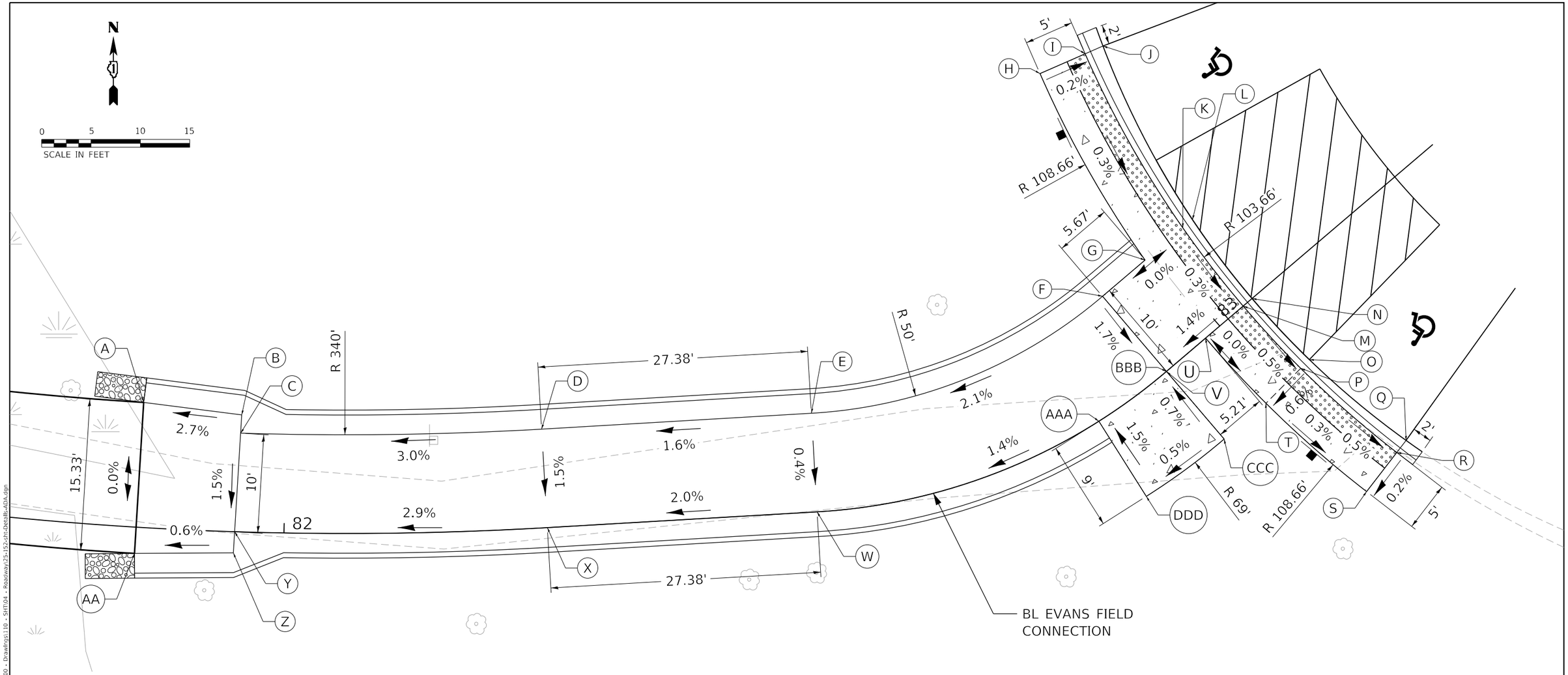
DES PLAINES RIVER TRAIL – SEGMENT 7
ADA GRADING DETAILS

SCALE: 1:10 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	50

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



PROPOSED BIKE TRAIL

	STATION	OFFSET	ELEVATION
A	81+85.00	12.67' LT	622.30
B	81+95.35	11.85' LT	622.57
C	81+95.30	10.00' LT	622.54
D	82+26.70	10.00' LT	623.47
E	82+54.08	10.00' LT	623.90
F	82+92.92	10.00' LT	624.58
G	82+98.58	10.00' LT	624.58
H	82+99.63	18.04' LT	624.65
I	83+04.56	17.21' LT	624.64
J	83+05.99	16.97' LT	(624.62)
K	83+03.61	10.00' LT	624.58
L	83+04.89	10.00' LT	(624.56)
M	83+03.12	0.00' RT	624.55
N	83+04.30	0.00' RT	(624.53)

PROPOSED BIKE TRAIL

	STATION	OFFSET	ELEVATION
O	83+04.71	8.48' RT	(624.49)
P	83+03.48	8.58' RT	624.51
Q	83+06.86	21.06' RT	(624.43)
R	83+05.35	21.38' RT	624.45
S	83+00.46	22.41' RT	624.44
T	82+98.50	8.99' RT	624.48
U	82+98.12	0.00' RT	624.48
V	82+92.92	0.00' RT	624.41
W	82+54.08	0.00' RT	623.86
X	82+26.70	0.00' RT	623.32
Y	81+95.00	0.00' RT	622.39
Z	81+94.94	2.14' RT	622.36
AA	81+85.00	2.67' RT	622.30

CONCRETE PAD FOR BENCHES

	STATION	OFFSET	ELEVATION
AAA	82+84.40	0.00' LT	624.29
BBB	82+92.92	0.00' LT	624.41
CCC	82+92.92	9.00' RT	624.47
DDD	82+84.40	9.00' RT	624.42

MODEL: Default
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TERRA ENGINEERING LTD.

USER NAME = AlexisF	DESIGNED - AF	REVISED -	
	DRAWN - AF	REVISED -	
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PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
ADA GRADING – EVANS FIELD CONNECTOR

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	51
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

ITEM	EXISTING	PROPOSED
Traffic Signal Cabinet		
Uninterruptable Power Supply		
Communication Cabinet	ECC	CC
Master Controller	EMC	MC
Master Master Controller	EMMC	MMC
Service Installation -(P) Pole Mounted	P	P
Service Installation -(G) Ground Mounted -(GM) Ground Mounted Metered	G GM	G GM
Cellular Modem	CM	CM
Telephone Connection	ET	T
Steel Mast Arm Assembly and Pole		
Aluminum Mast Arm Assembly and Pole		
Steel Combination Mast Arm Assembly and Pole with Luminaire		
Signal Post -(BM) Barrel Mounted - Temporary		BM
Wood Pole		
Guy Wire		
Signal Head		
Signal Head with Backplate		
Signal Head - Programmable	P P	P P
Flasher Installation -(FS) Solar Powered	F FS F FS	F FS F FS
Pedestrian Signal Head		
Pedestrian Push Button -(APS) Accessible Pedestrian Push Button	APS	APS
Radar Detection Sensor	R	R
Video Detection Camera	V	V
Radar/Video Detection Zone		
Pan, Tilt, Zoom (PTZ) Camera	PTZ	PTZ
Emergency Vehicle Light Detector		
Confirmation Beacon		
Wireless Interconnect		
Wireless Interconnect Radio Repeater	ERR	RR
Wireless Access Point		

ITEM	EXISTING	PROPOSED
Handhole -Square -Round		
Double Handhole		
Heavy Duty Handhole -Square -Round	H	H
Junction Box	J	J
Railroad Cantilever Mast Arm		
Railroad Flashing Signal		
Railroad Crossing Gate		
Railroad Crossbuck		
Railroad Controller Bungalow	R	R
Underground Conduit (UC), Galvanized Steel		
Temporary Span Wire, Tether Wire, and Cable		
System Item	S	SP
Intersection Item	I	IP
Removal Item		R
Relocate Item		RL
Abandon Item		A
Controller Cabinet and Foundation to be Removed		RCF
Mast Arm Pole and Foundation to be Removed		RMF
Signal Post and Foundation to be Removed		RPF
Detector Loop, Type I		
Preformed Detector Loop	P P	P P
Wireless Detector Sensor	W	W

ITEM	EXISTING	PROPOSED
Signal Head -(P) Programmable Signal Head -(EV) Elongated Visors	R Y G P EV	R Y G P EV
Signal Head with Backplate -(RB) Retroreflective Backplate -(P) Programmable Signal Head -(EV) Elongated Visors	R Y G RB P EV	R Y G RB P EV
Pedestrian Signal Head with Countdown Timer	C D	C D
Illuminated LED Sign "NO LEFT TURN"/"NO RIGHT TURN"		
Electric Cable, Signal, No. 14 - 2/C, 3/C, 5/C, 7/C	5	5
Electric Cable, Lead-In, No. 14, 1 Pair	1P	1P
Service Cable, 2/C - No. 2, No. 4, No. 6	2#2 2#4 2#6	2#2 2#4 2#6
Ground Cable No. 6 Solid Copper (Green), 1/C	1#6	1#6
Electric Cable, Tracer, No. 14, 1/C	1	1
Electric Cable, Railroad, No. 14, 3/C	Railroad No. 14 3/C 3	Railroad No. 14 3/C 3
Electric Cable, Street Name Sign No. 14, 3/C, Type SOOW	SOOW 3	SOOW 3
Vendor Cable	V	V
Emergency Vehicle Priority Line Sensor Cable, No. 20, 3/C	3#20	3#20
Outdoor Rated Network Cable	ONC	ONC
Fiber Optic Cable -12F: 12 Multimode -24F: 12 Multimode / 12 Single Mode -36F: 12 Multimode / 24 Single Mode -24SM: 24 Single Mode -48SM: 48 Single Mode	12F 24F 36F 24SM 48SM	24F 36F 24SM 48SM
Ground Rod -(C) Controller -(M) Mast Arm -(P) Post -(S) Service	C M P S	C M P S

TS SHT NO. 1

USER NAME = lovan.plascenda	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
	CHECKED - NB/KK	REVISED -	
PLOT DATE =	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

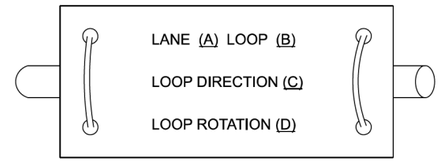
DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	52
	TS–01	CONTRACT NO. 61M58		
		ILLINOIS	FED. AID PROJECT	

DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" APART.
9. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS.
10. PREFORMED DETECTOR LOOPS SHALL BE USED WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



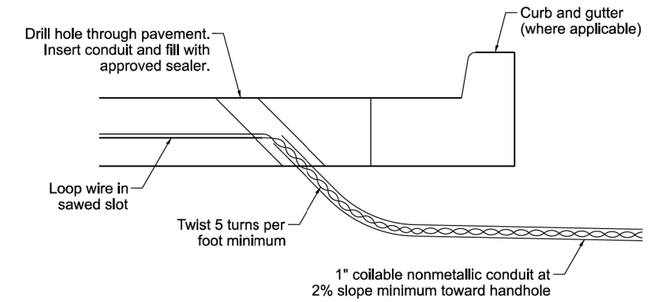
A. Lane 1 is the lane closest to the centerline of the roadway.

B. Loop #1 is the loop closest to the intersection.

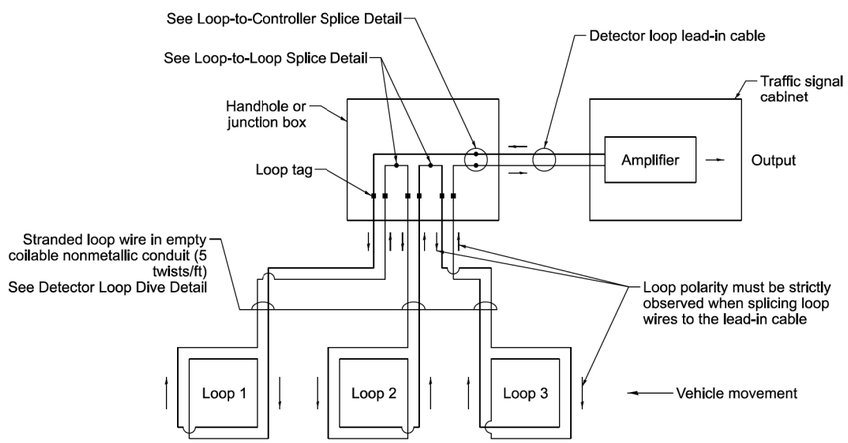
C. Label loop cable "in" or loop cable "out".

D. Label loop cable clockwise or loop cable counterclockwise.

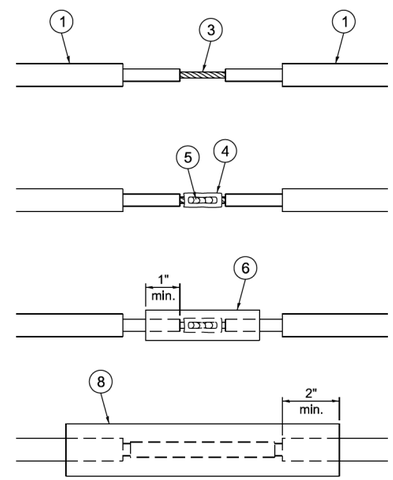
DETECTOR LOOP LEAD–IN CABLE TAG



DETECTOR LOOP DIVE DETAIL

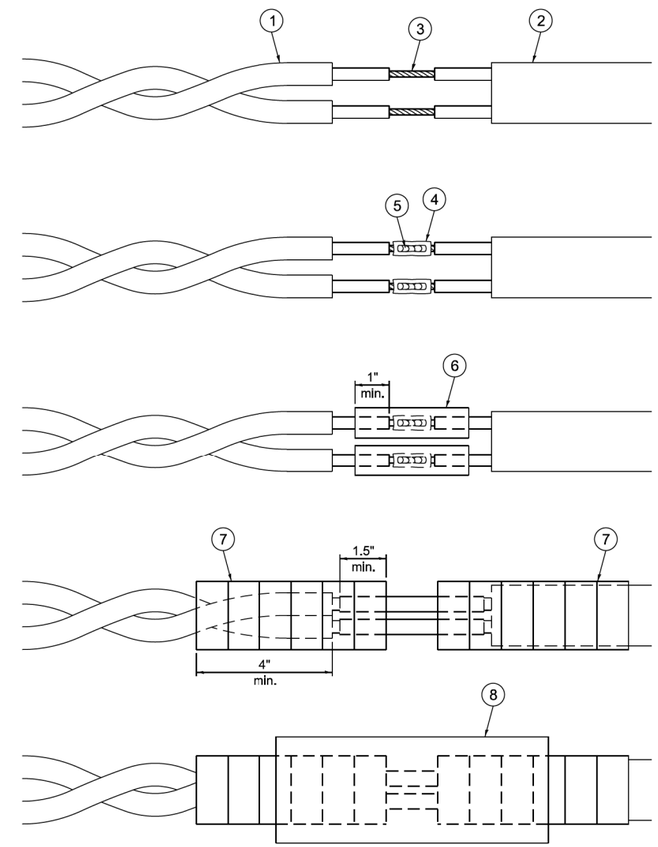


DETECTOR LOOP WIRING SCHEMATIC



LOOP–TO–LOOP SPLICE DETAIL

1. Detector loop cable.
2. Detector loop lead-in cable
3. Bare conductors twisted together.
4. Butt splice crimp connector.
5. Splice soldered with rosin core flux. All exposed surfaces of the solder shall be smooth. The splices shall be staggered.
6. WCSMW 30/100 heat shrink tube, 3" minimum length, underwater grade.
7. Self-infused, silicone electrical tape tightly wrapped around cables.
8. WCS 200/750 heat shrink tube, 8" minimum length, underwater grade.



LOOP–TO–CONTROLLER SPLICE DETAIL

TS SHT NO. 2

USER NAME = lovan.plascenda	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - IP	REVISED -	
	CHECKED - NB/KK	REVISED -	
PLOT DATE =	DATE - 10/15/2025	REVISED -	

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

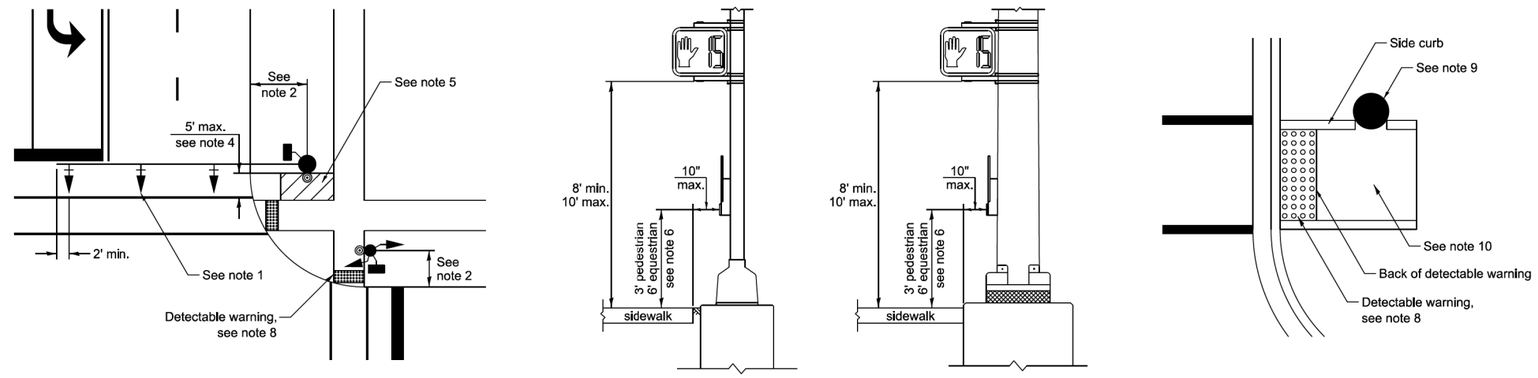
SCALE: NTS | SHEET 2 OF 7 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	53
	TS–01	CONTRACT NO. 61M58		
		ILLINOIS	FED. AID PROJECT	

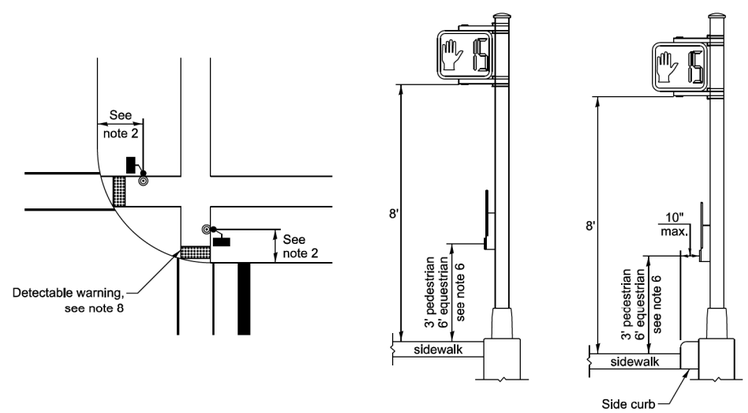
NOTES:

1. THE MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED ON THE LANES OR AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS TABLE.
3. A 4' MINIMUM UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED.
4. THE PUSH-BUTTON SHALL BE LOCATED 5' OR LESS FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION FOR THE CROSSWALK THAT THE PUSH-BUTTON CONTROLS.
5. IF THE MAST ARM POLE OR SIGNAL POST WHERE THE PUSH-BUTTON IS TO BE INSTALLED IS NOT IMMEDIATELY ADJACENT TO THE SIDEWALK, PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE UP TO THE MAST ARM POLE OR SIGNAL POST. THE MINIMUM PAVED AREA IN FRONT OF THE PUSH-BUTTON SHALL BE 2.5' X 4'. IF THIS DOES NOT MEET THE REQUIREMENT STATED IN NOTE 3, A SEPARATE PEDESTRIAN SIGNAL POST SHALL BE INSTALLED TO PLACE THE PUSH-BUTTON ADJACENT TO THE SIDEWALK SURFACE.
6. THE HEIGHT OF THE PEDESTRIAN PUSH-BUTTON SHALL BE 36". IF APPROVED BY THE AREA TRAFFIC SIGNAL ENGINEER, THE PUSH-BUTTON MAY BE LOCATED AT A HEIGHT BETWEEN 30" AND 42". THE HEIGHT OF THE EQUESTRIAN PUSH-BUTTON SHAL BE 72" OR AS DIRECTED BY THE ENGINEER.
7. THE FACE OF THE PUSH-BUTTON SHALL BE PARALLEL TO THE CROSSWALK IT CONTROLS.
8. THE PUSH-BUTTON SHALL BE LOCATED BEHIND THE DETECTABLE WARNING.
9. WHERE A PUSH-BUTTON IS BEING INSTALLED ON A MAST ARM POLE OR SIGNAL POST ADJACENT TO THE PEDESTRIAN ACCESS ROUTE, THE PROPOSED FOUNDATION SHALL BE INSTALLED WITHIN THE SIDE CURB IN ORDER TO MEET THE 10" REACH REQUIREMENT.
10. THE SIDEWALK PANEL IN FRONT OF THE PUSH-BUTTON SHALL HAVE A SLOPE LESS THAN 5%.
11. WHERE TWO PEDESTRIAN PUSH-BUTTONS ARE PROVIDED ON THE SAME CORNER, THEY SHALL BE 10' OR MORE APART. EXCEPTION: IN ALTERATIONS WHERE TECHNICALLY INFEASIBLE TO PROVIDE 10' SEPARATION BETWEEN PUSH-BUTTONS ON THE SAME CORNER.
12. CORRESPONDING PEDESTRIAN EQUIPMENT (SIGNAL HEAD AND PUSH-BUTTON) SHALL BE INSTALLED ON THE SAME POST CLOSEST TO THE CROSSWALK IT CONTROLS.
13. PEDESTRIAN SIGNAL HEADS INSTALLED ON MAST ARM POLES OR SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL. PEDESTRIAN SIGNAL HEADS INSTALLED ON PEDESTRIAN SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' ABOVE SIDEWALK LEVEL. THE PEDESTRIAN SIGNAL HEADS SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
14. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

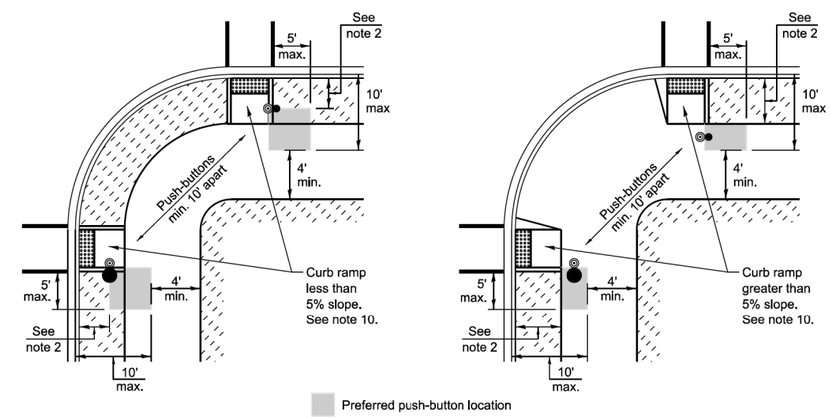
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



PEDESTRIAN SIGNAL POST



PUSH–BUTTON LOCATIONS



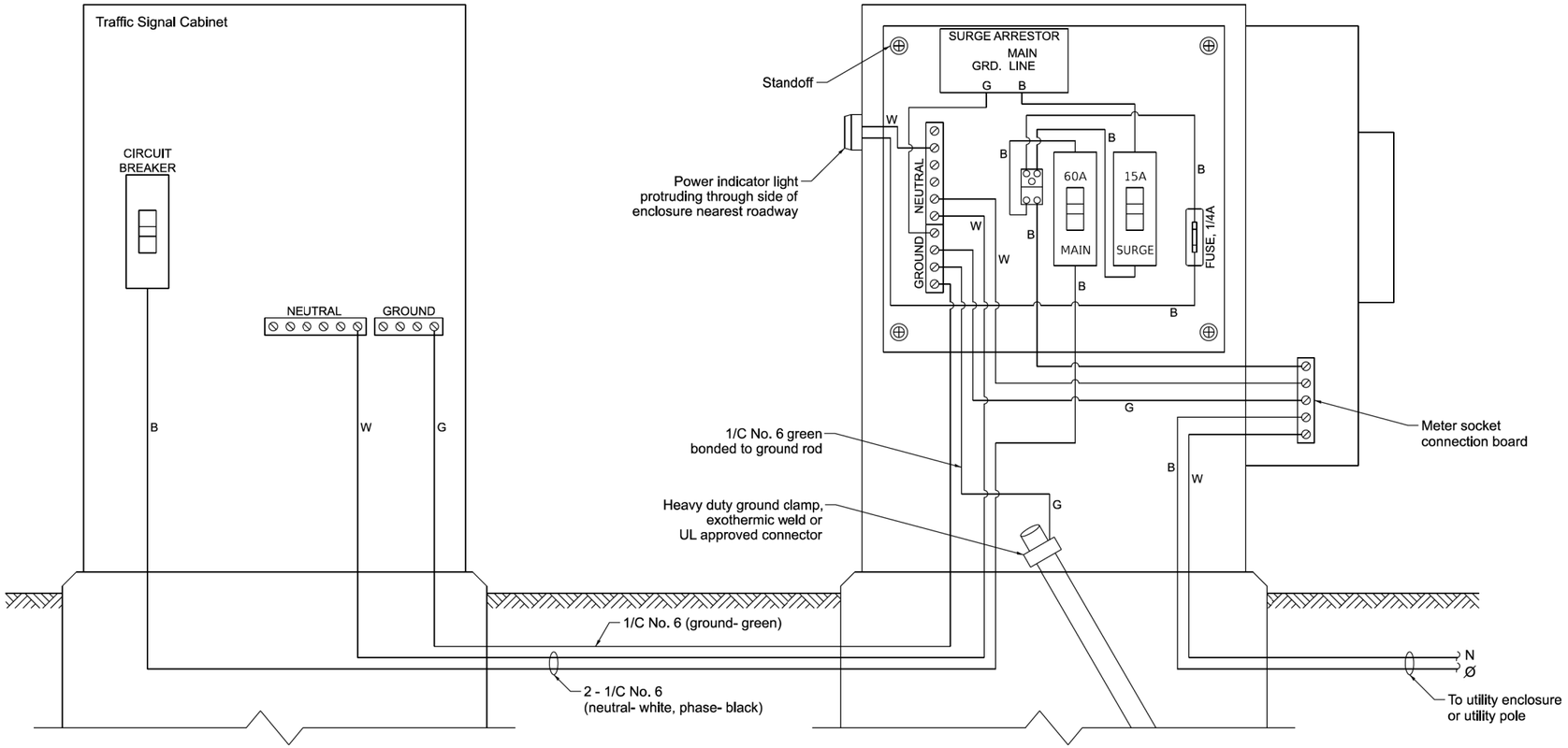
TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
Mast arm assembly and pole	6'	Shoulder width + 2', minimum 10'
Signal post	4'	Shoulder width + 2', minimum 10'
Pedestrian signal post	4'	4' - See note 2
Temporary wood pole	6'	Shoulder width + 2', minimum 10'
Traffic signal cabinet	6' - See Note 3	Shoulder width + 6', minimum 16' - See note 3
Service cabinet	6' - See Note 3	Shoulder width + 6', minimum 16' - See note 3

TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS

NOTES:

1. CONTACT THE AREA TRAFFIC SIGNAL ENGINEER FOR ASSISTANCE LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS AND THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF THE DETECTABLE WARNING.
3. MINIMUM DISTANCE TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" TABLE AND THE TRAFFIC SIGNAL PLAN COULD AFFECT THE PLACEMENT OF THE TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND THE PEDESTRIAN PUSH-BUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THESE REQUIREMENTS. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

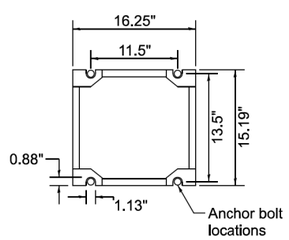
TS SHT NO. 3



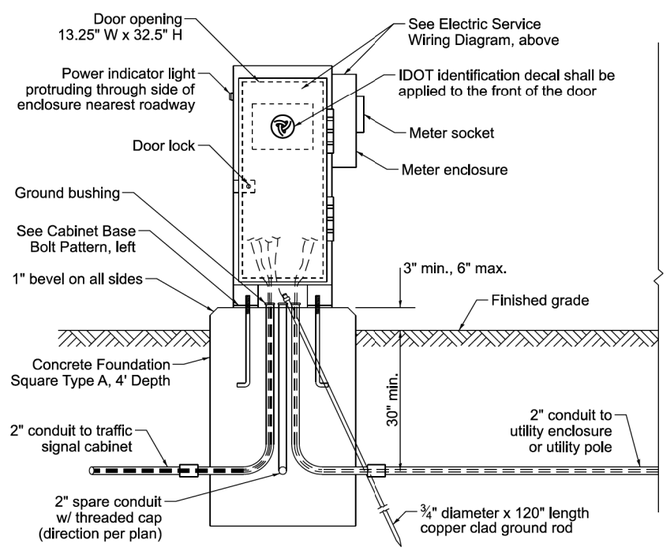
ELECTRIC SERVICE WIRING DIAGRAM IN GROUND MOUNTED SERVICE CABINET

NOTES:

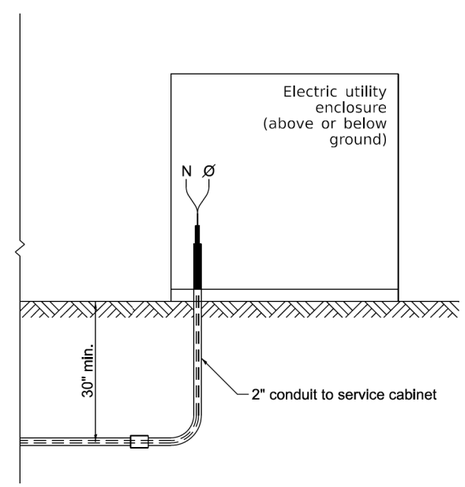
1. THE GROUND MOUNTED SERVICE CABINET IS TO BE LOCATED BETWEEN THE TRAFFIC SIGNAL CABINET AND THE UTILITY CONNECTION, PREFERABLY 20' TO 50' FROM THE TRAFFIC SIGNAL CONTROLLER CABINET.
2. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO UL STD. 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE UL LABEL.
3. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
4. THE METER SOCKET IS TO BE PROVIDED BY THE CONTRACTOR. THE METER IS TO BE PROVIDED BY THE UTILITY COMPANY.



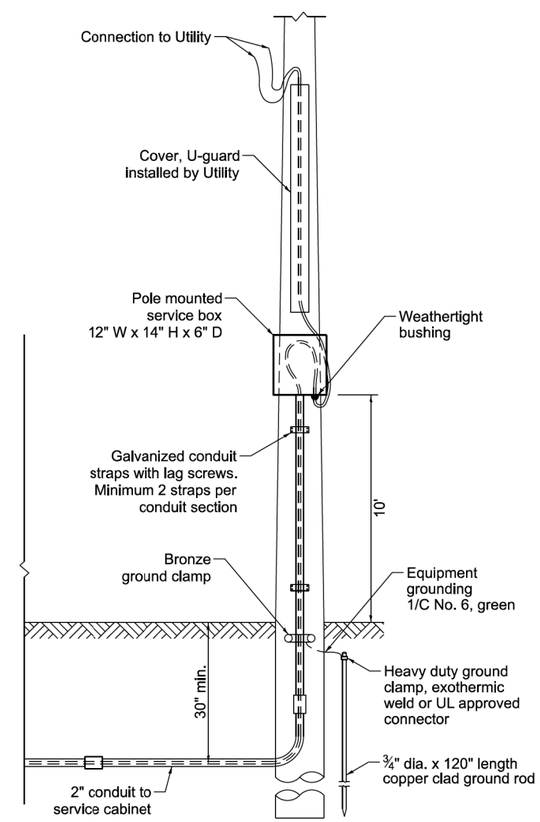
CABINET BASE BOLT PATTERN



SERVICE INSTALLATION – GROUND MOUNTED WITH METER



CONNECTION TO UTILITY ENCLOSURE



CONNECTION TO UTILITY POLE

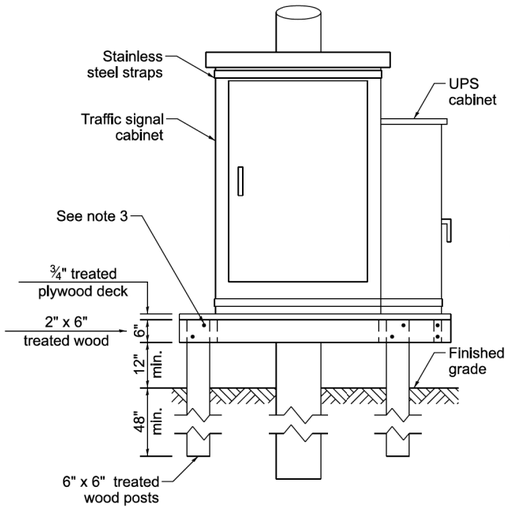
TS SHT NO. 4

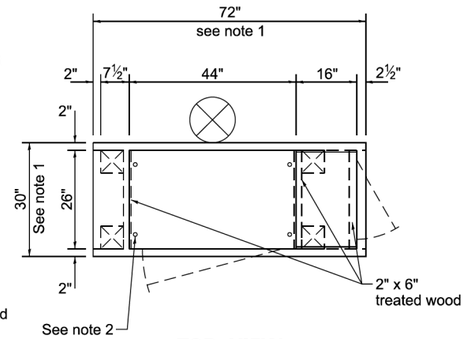
USER NAME = lovan.plascenda	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - IP	REVISED -	
	CHECKED - NB/KK	REVISED -	
PLOT DATE =	DATE - 10/15/2025	REVISED -	

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	55
	TS-01	CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



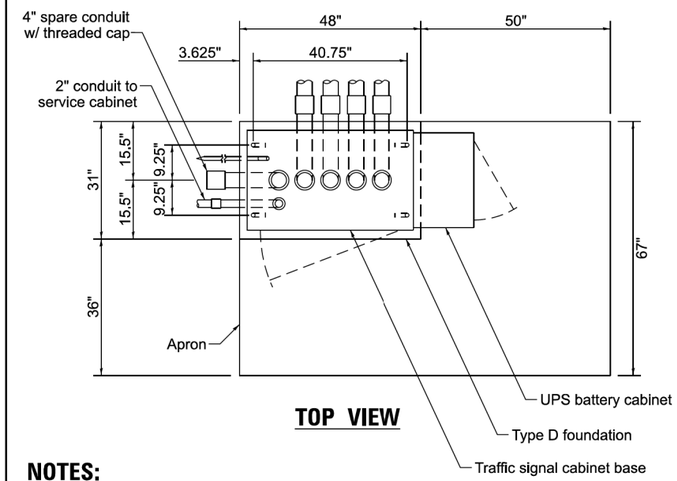


TOP VIEW

NOTES:

1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" AND UNINTERRUPTABLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

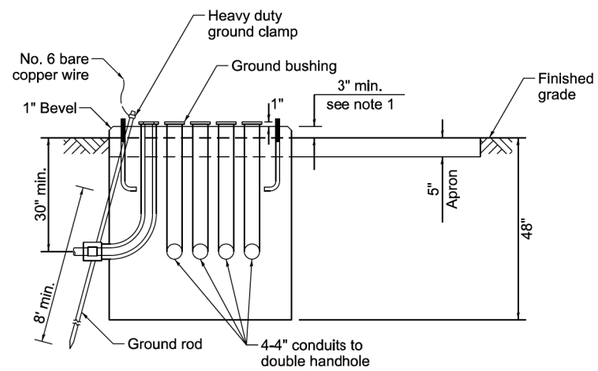
TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM



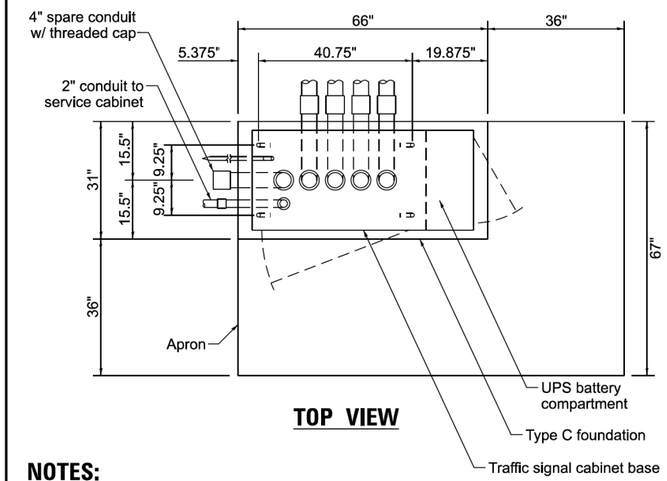
TOP VIEW

NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



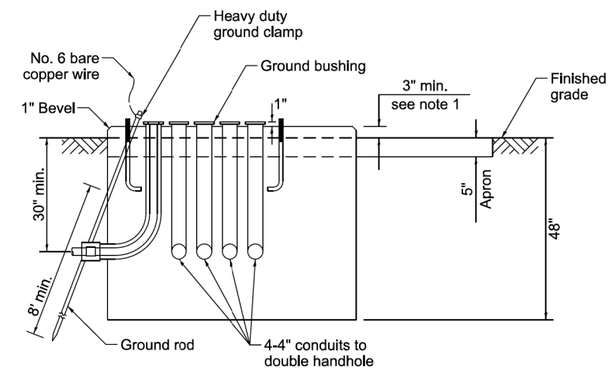
TYPE D FOUNDATION
TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET AND UPS BATTERY CABINET



TOP VIEW

NOTES:

1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



TYPE C FOUNDATION
SUPER P AND SUPER R TRAFFIC SIGNAL CABINETS

MAST ARM LENGTH	Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30'	10'	30"	24"	8	#6
Greater than or equal to 30' and less than 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
Greater than or equal to 40' and less than 50'	13'	36"	30"	12	#7
Greater than or equal to 50' and up to 55'	15'	36"	30"	12	#7
Greater than or equal to 56' and less than 65'	21'	42"	36"	16	#8
Greater than or equal to 65' and up to 75'	25'	42"	36"	16	#8

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

FOUNDATION	DEPTH
Type A - Signal post, service cabinet	4'
Type C - Traffic signal cabinet with UPS	4'
Type D - Traffic signal cabinet	4'

DEPTH OF FOUNDATIONS TYPES A, C & D

VERTICAL CABLE	LENGTH
Mast arm mounted signal head (L = mast arm length - distance to signal head from end of arm)	20'+L
Bracket mounted signal head (mast arm pole or signal pole)	13'
Pedestrian signal head	10'
Pedestrian push button	6'
Service installation pole mount to service drop	13.5'
Service installation pole mount to ground	13.5'
Service installation ground mount	6'
Foundation (signal post, mast arm, traffic signal cabinet, service cabinet)	3'

VERTICAL CABLE LENGTH

CABLE SLACK	LENGTH
Handhole	6.5'
Double handhole	13'
Signal post	2'
Mast arm	2'
Traffic signal cabinet or service cabinet	1.5'
Fiber optic cable at traffic signal cabinet	13'
Ground cable at signal post, mast arm, or cabinet	1.5'
Ground cable at handhole or double handhole	6.5'
Ground cable between handhole frame and cover	5'

CABLE SLACK LENGTH

TYPE E FOUNDATION NOTES:

1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.

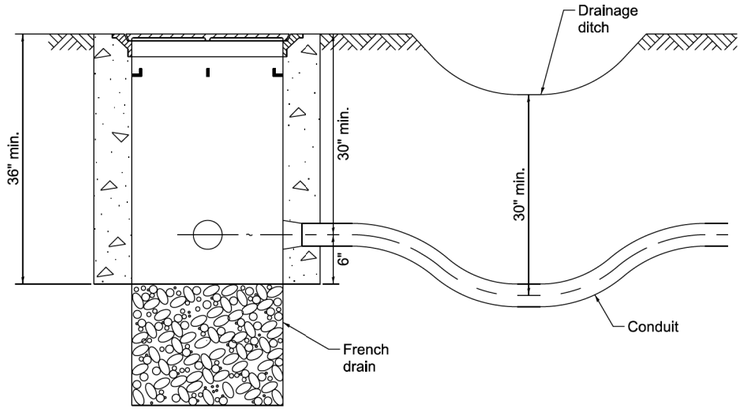
TS SHT NO. 5

USER NAME = lovan.plascenda	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - IP	REVISED -	
	CHECKED - NB/KK	REVISED -	
PLOT DATE =	DATE - 10/15/2025	REVISED -	

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

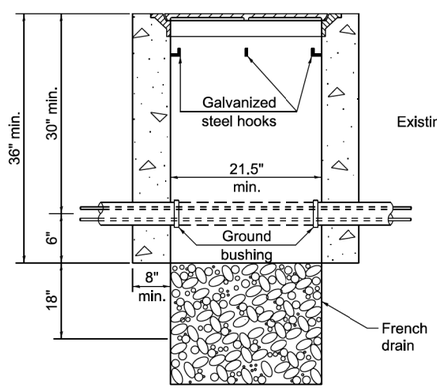
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	56
	TS-01	CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

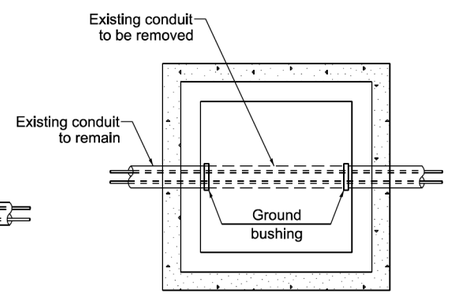


NOTES:

1. THE CONDUIT DEPTH SHALL BE A MINIMUM OF 30" BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND.
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH



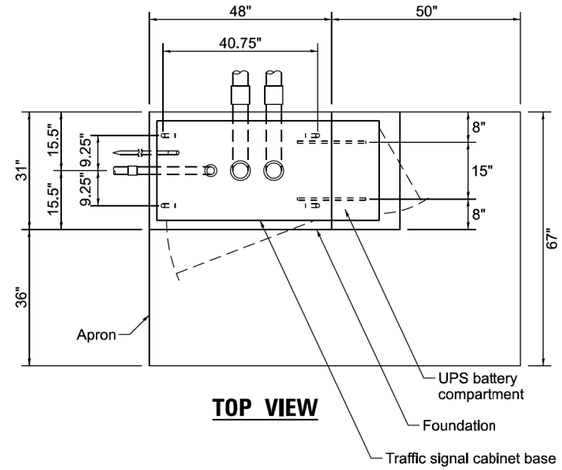


TOP VIEW

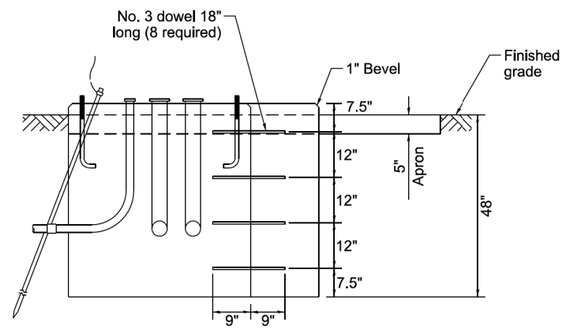
NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

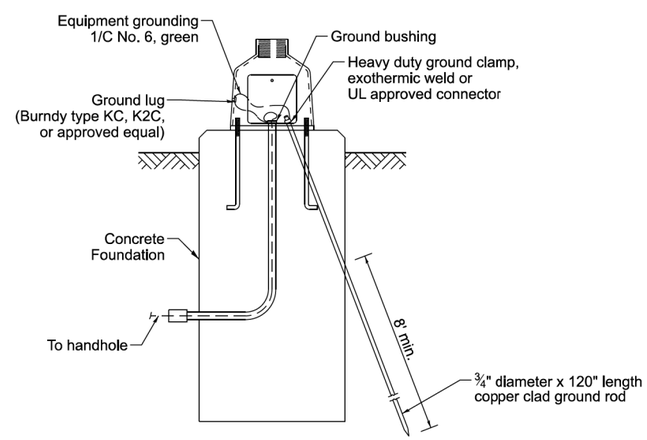
HANDHOLE TO INTERCEPT EXISTING CONDUIT



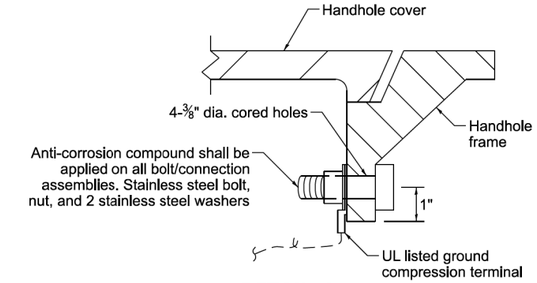
TOP VIEW



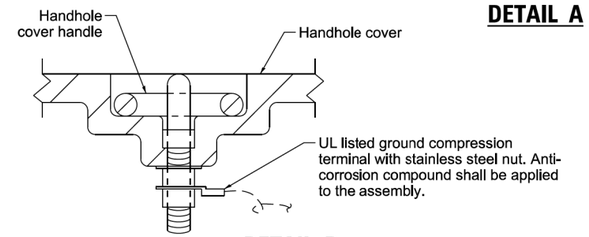
MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION



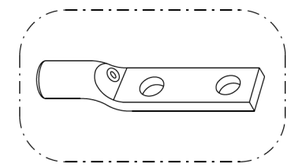
MAST ARM / POST GROUNDING DETAIL



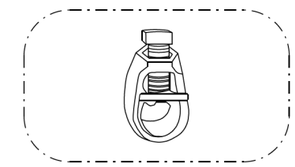
DETAIL A



DETAIL B



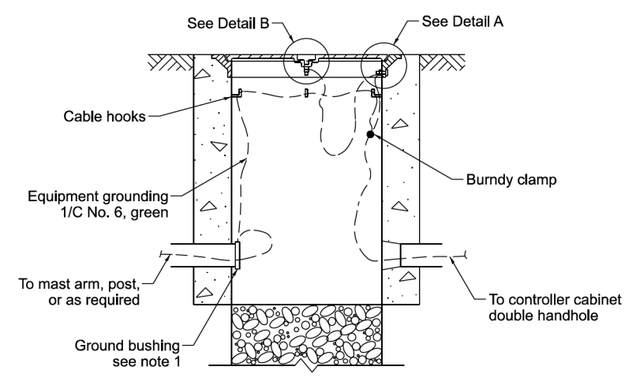
Heavy-Duty Compression Terminal
(Burndy Type YGHA or approved equal)



¾" Heavy-Duty Ground Rod Clamp
Bronze or Copper, UL Approved
(Burndy Type GRC or approved equal)

NOTES:

1. CONDUIT THAT HAS BEEN DRILLED INTO AN EXISTING HANDHOLE WILL REQUIRE A GROUND BUSHING FOR THE CONDUIT TO BE PROPERLY GROUNDED.
2. GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' OF SLACK SHALL BE PROVIDED IN SINGLE AND DOUBLE HANDHOLES. 5' OF SLACK SHALL BE PROVIDED BETWEEN THE FRAME AND COVER.



HANDHOLE GROUNDING DETAIL

TS SHT NO. 6

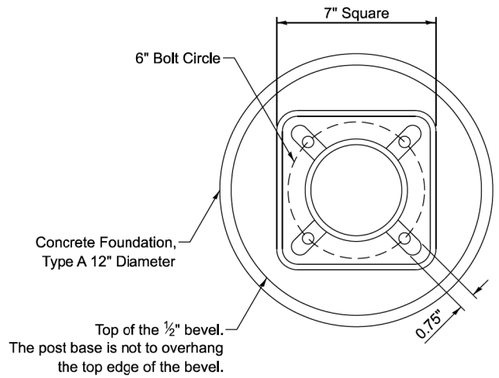
USER NAME = lovan.plascenda	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
	CHECKED - NB/KK	REVISED -	
PLOT DATE =	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

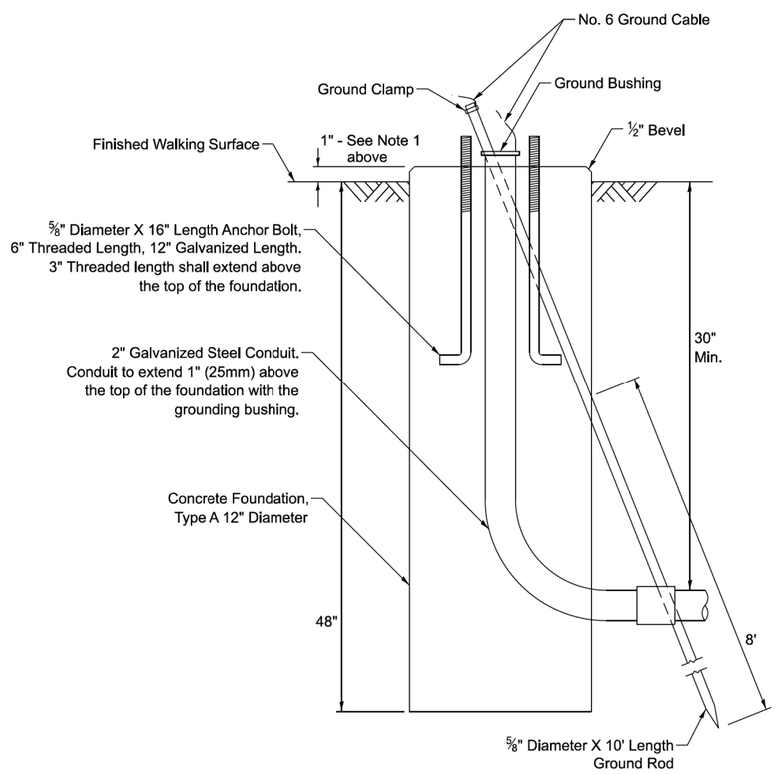
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	57
	TS-01	CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



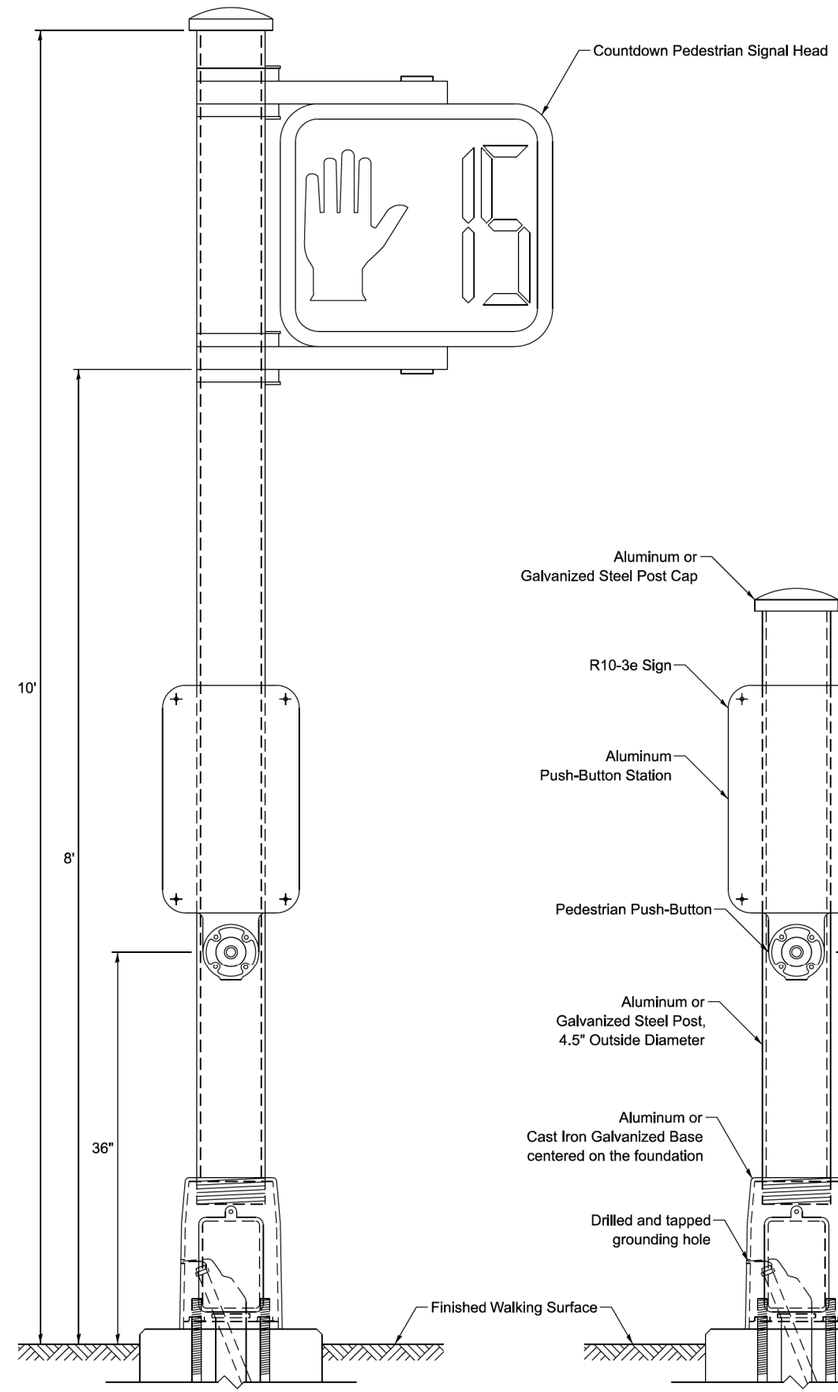
BOLT PATTERN

NOTES:

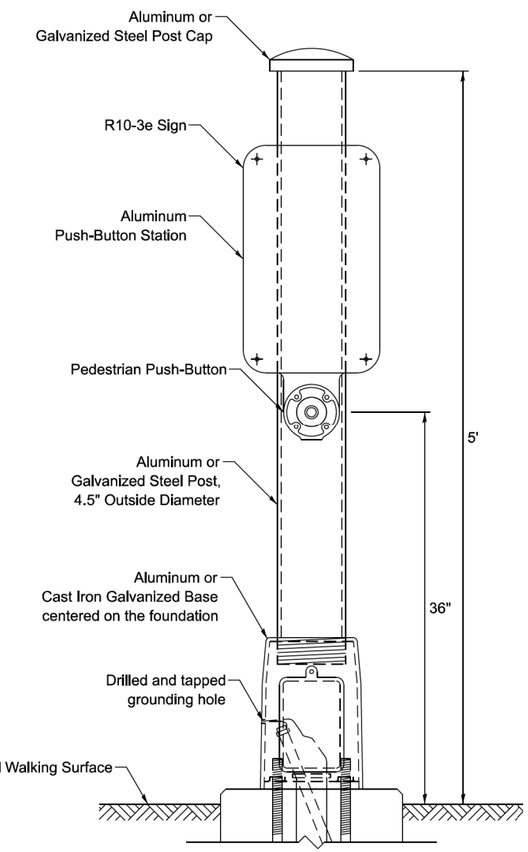
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.



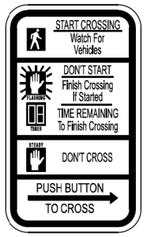
CONCRETE FOUNDATION, TYPE A 12–INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



R10-3e
9" X 15"

W10-I101
18" X 24"

SIGN NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3e IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-I101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

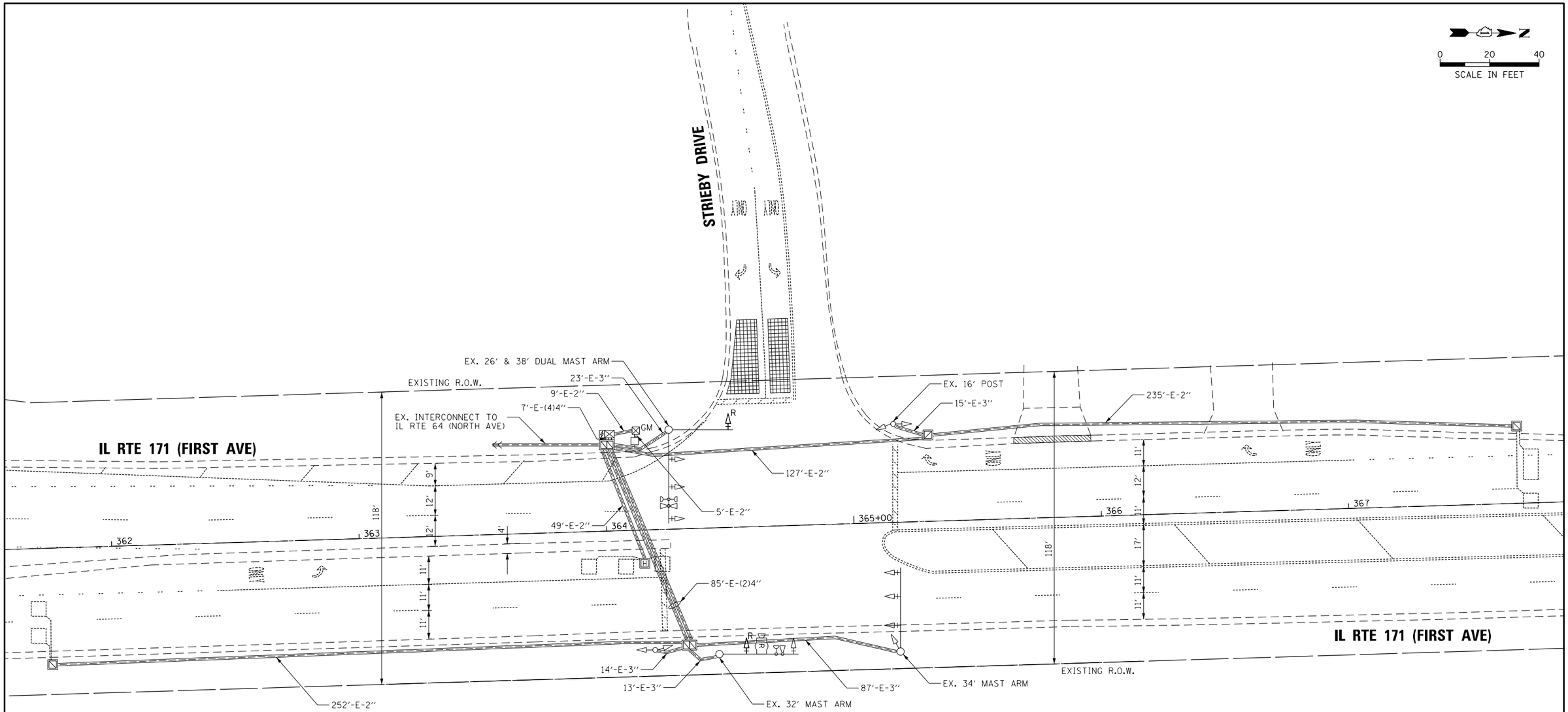
TS SHT NO. 7

USER NAME = lovan.plascenda	DESIGNED - IP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - IP	REVISED -	
	CHECKED - NB/KK	REVISED -	
PLOT DATE =	DATE - 10/15/2025	REVISED -	

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	58
	TS–01	CONTRACT NO. 61M58		
	ILLINOIS FED. AID PROJECT			



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THIS WORK SHALL BE PAID UNDER THE PAY ITEM REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

2 EACH 3-SECTION SIGNAL HEAD
2 EACH TRAFFIC SIGNAL BACKPLATE

NOTES:

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS OPERATIONAL OR AS DIRECTED BY THE ENGINEER.

2. THE EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

TS 2997
IDOT CENTRACS
FORMER ECON 100

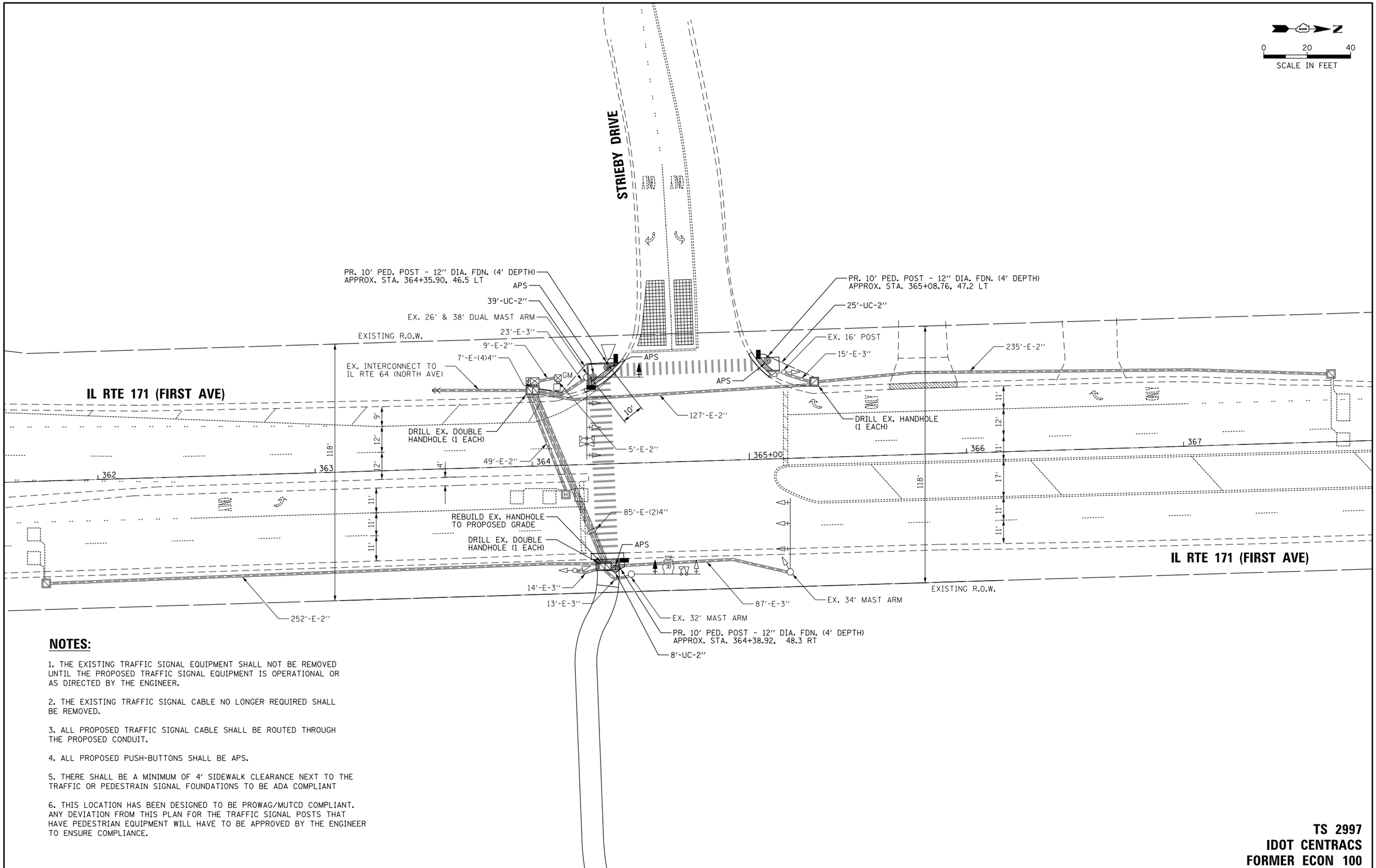
CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAN — NOTE BOOK NO. ___ — SURVEYED / PLOTTED / ALIGNMENT CHECKED / BLUE TOP CHECKED / CADD FILE NAME ___ — BY — DATE

PROFILE — NOTE BOOK NO. ___ — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CH'KD — BY — DATE

TS SHT NO. 8

FILE NAME = N:\RiverGrove\240624\Traffic\08_TS_Removal Plan_1st Ave & Strieby Dr.dgn	USER NAME = mthomas	DESIGNED - XXX	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL REMOVAL PLAN IL RTE 171 (FIRST AVE) AT STRIEBY DR	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - XXX	REVISED - ___				19-00037-02-BT	COOK	112 / 59
	PLOT SCALE = 40'	CHECKED - XXX	REVISED - ___					CONTRACT NO. 61M58	
	PLOT DATE = 7/16/2026	DATE - _____	REVISED - ___		SCALE: 1" = 40' / SHEET NO. __ OF ___ SHEETS / STA. _____ TO STA. _____	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	



NOTES:

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS OPERATIONAL OR AS DIRECTED BY THE ENGINEER.

2. THE EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

3. ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.

4. ALL PROPOSED PUSH-BUTTONS SHALL BE APS.

5. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO THE TRAFFIC OR PEDESTRAIN SIGNAL FOUNDATIONS TO BE ADA COMPLIANT

6. THIS LOCATION HAS BEEN DESIGNED TO BE PROWAG/MUTCD COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR THE TRAFFIC SIGNAL POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE COMPLIANCE.

TS 2997
IDOT CENTRACS
FORMER ECON 100

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(847) 823-0500

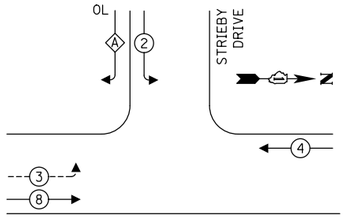
PLAN — NOTE BOOK NO. ___ — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. VERIFIED / CADD FILE NAME ___ — BY — DATE

PROFILE — NOTE BOOK NO. ___ — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CH'KD — BY — DATE

TS SHT NO. 9

FILE NAME = N:\RiverGrove\240624\Traffic\09_TS_Proposed Plan_1st Ave & Strieby Dr.dgn	USER NAME = mthomas	DESIGNED - XXX	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TRAFFIC SIGNAL MODIFICATION PLAN IL RTE 171 (FIRST AVE) AT STRIEBY DR**	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - XXX	REVISED - ___				19-00037-02-BT	COOK	112 / 60
	PLOT SCALE = 40'	CHECKED - XXX	REVISED - ___					CONTRACT NO. 61M58	
	PLOT DATE = 7/16/2026	DATE - _____	REVISED - ___		SCALE: 1" = 40' / SHEET NO. __ OF ___ SHEETS / STA. _____ TO STA. _____	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	

EXISTING CONTROLLER PHASE SEQUENCE



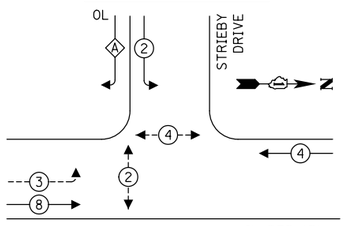
LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3

PROPOSED CONTROLLER PHASE SEQUENCE

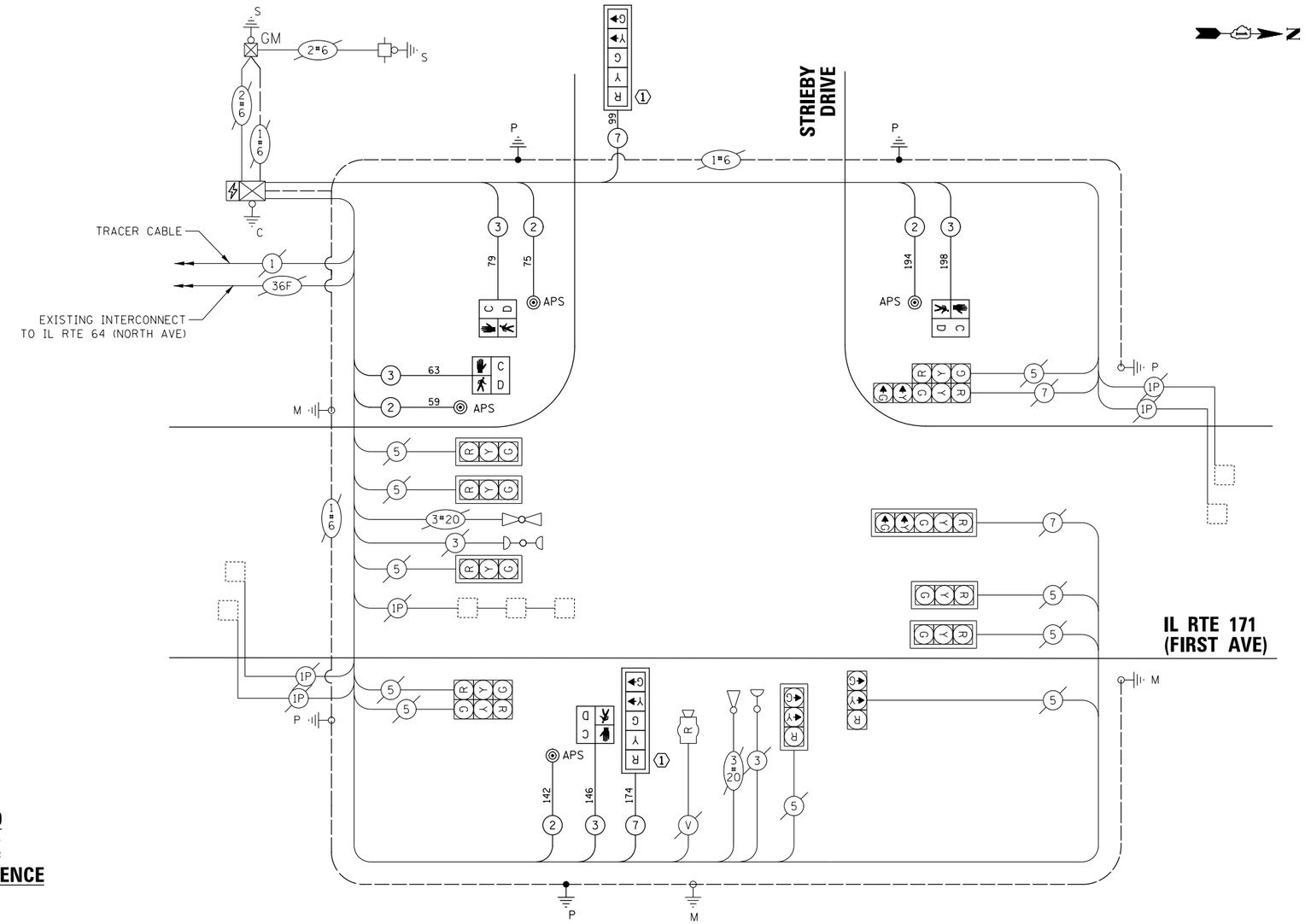


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

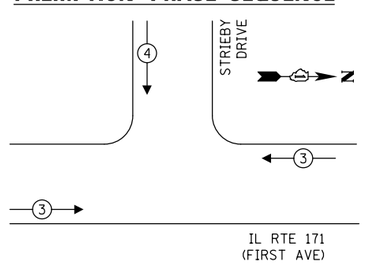
OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3



CABLE PLAN

(NOT TO SCALE)

EXISTING /PROPOSED EMERGENCY VEHICLE PREMPTION PHASE SEQUENCE



TRAFFIC SIGNAL ELECTRIC SERVICE REQUIREMENTS

EQUIPMENT TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	1 OR 3-SECTION	10	11	110
	4-SECTION	-	14	-
	5-SECTION	4	13	52
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	60
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR	1	20	20
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
PTZ CAMERA		-	75	-
	TOTAL UPS SIZING			417
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
	TOTAL SERVICE WIRE SIZING			1,022

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER CT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: NEW BUSINESS
PHONE: --
COMPANY: COMED
ACCOUNT NUMBER: 5638332222
METER NUMBER: --

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	72
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	469
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	485
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	272
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	105
DRILL EXISTING HANDHOLE	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	272
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
LED SIGNAL FACE, LENS COVER	EACH	2
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

CONSTRUCTION NOTES:

1. ALL PROPOSED RED SIGNAL INDICATIONS SHALL HAVE A LENS COVER.

TS 2997
IDOT CENTRACS
FORMER ECON 100

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Rosemont, Illinois 60018
(847) 823-0500

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME ____ / NOTE BOOK NO. ____ — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTE / STRUCTURE NOTAT'NS CH'KD — NOTE BOOK NO. ____ — BY — DATE

TS SHT NO. 10

FILE NAME = N:\RiverGrove\240624\Traffic\10_TS_Cable Plan_1st Ave & Strieby Dr.dgn	USER NAME = mthomas	DESIGNED - XXX	REVISED -
		DRAWN - XXX	REVISED -
	PLOT SCALE = 40'	CHECKED - XXX	REVISED -
	PLOT DATE = 7/24/2026	DATE - _____	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

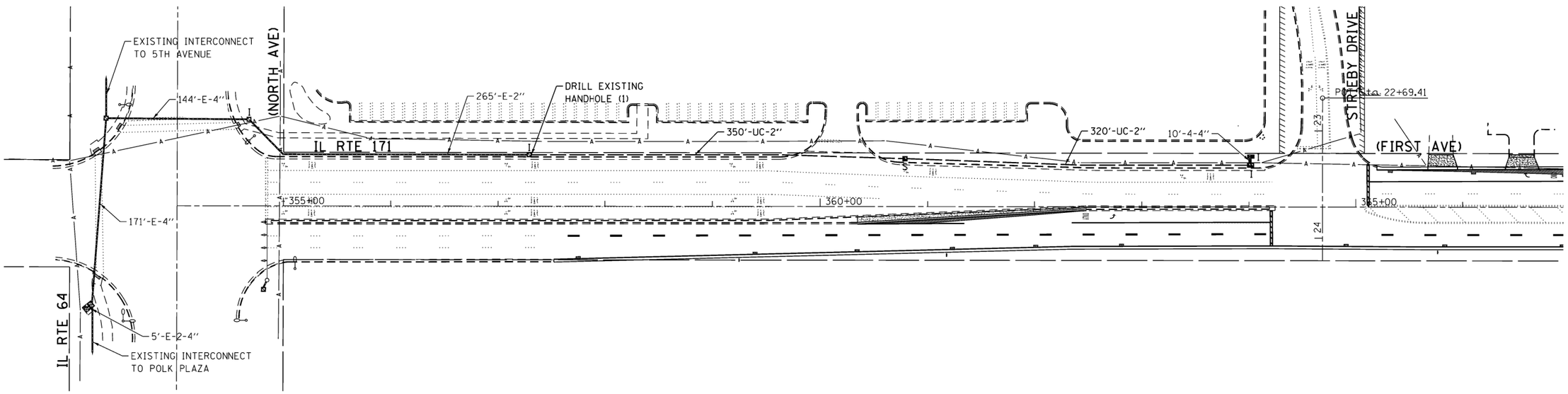
SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL RTE 171 (FIRST AVE) AT STRIEBY DR

SCALE: 1" = 40' | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	61
		CONTRACT NO. 61M58		

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

RECORD DRAWINGS
Home Towne Electric
Josh Green 1/17/2019,



FOR INFORMATION ONLY

TS 2997
IDOT CENTRACS
FORMER ECON 100

FILE NAME =	USER NAME = mthomas	DESIGNED - XXX	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
N:\RiverGrove\240624\Traffic\11_TS_Existing Interconnect Plan_1st Ave & Strieby Dr.dgn		DRAWN - XXX	REVISED -	
	PLOT SCALE = 100'	CHECKED - XXX	REVISED -	
	PLOT DATE = 7/16/2026	DATE -	REVISED -	

EXISTING INTERCONNECT PLAN
IL RTE 171 (FIRST AVE) AT STRIEBY DR

SCALE: 1" = 100' | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	62
		CONTRACT NO. 61M58		

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

PLAN | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RLA VERIFIED | RLA WAS CHECKED | CADD FILE NAME ____ | NOTE BOOK NO. ____ | BY | DATE

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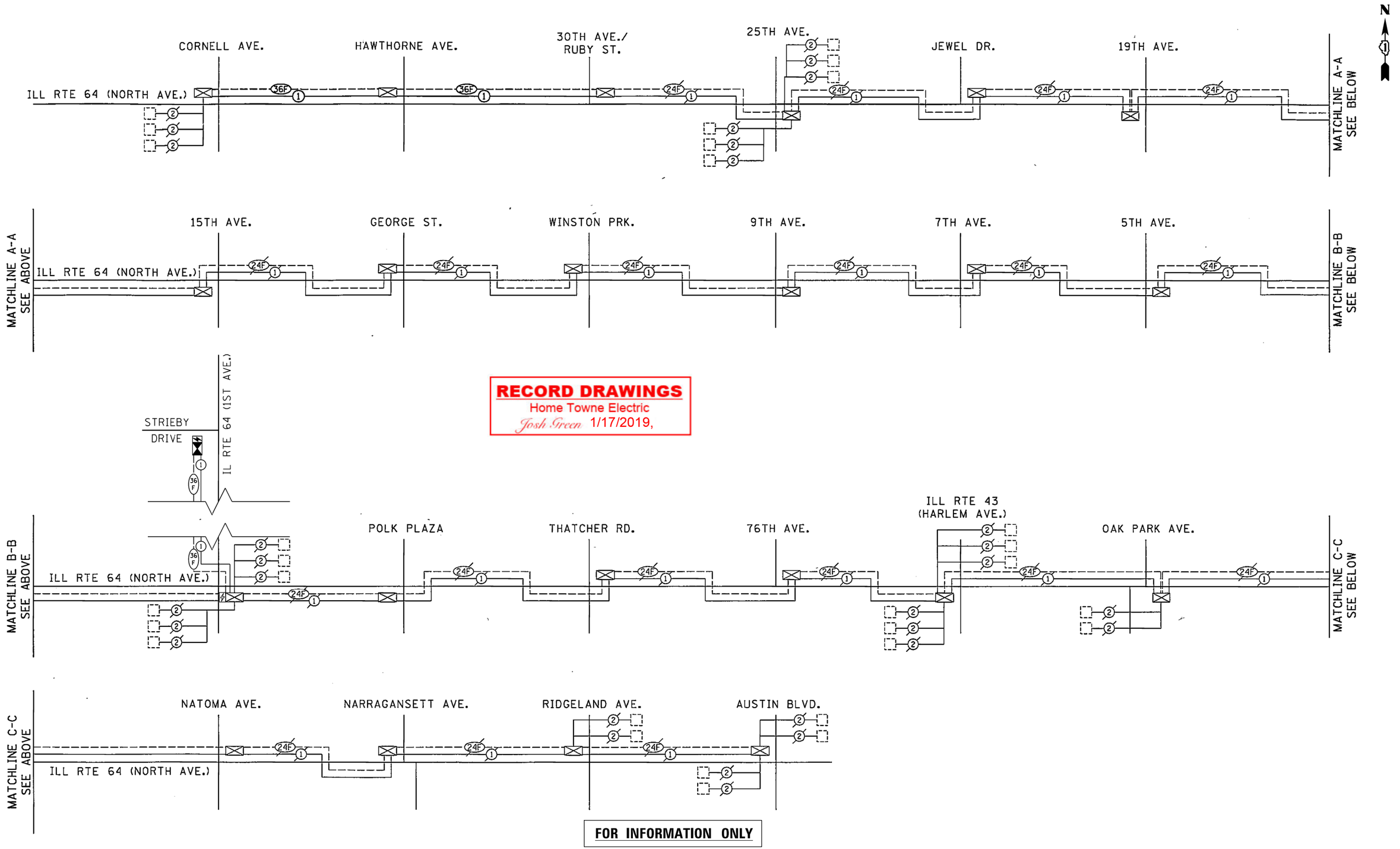
Rosemont, Illinois 60018
(847) 823-0500

PROFILE | SURVEYED | PLOTTED | GRADES CHECKED | RLA VERIFIED | STRUCTURE NOTATNS CH'KD | NOTE BOOK NO. ____ | BY | DATE

TS SHT NO. 11



RECORD DRAWINGS
Home Towne Electric
Josh Green 1/17/2019,

FOR INFORMATION ONLY

IDOT CENTRACS
FORMER ECON 100

FILE NAME = N:\RiverGrove\240624\Traffic\12_TS_Existing Interconnect Schematic _1st Ave & Strieby	USER NAME = mthomas	DESIGNED - XXX	REVISED -
		DRAWN - XXX	REVISED -
	PLOT SCALE = 100'	CHECKED - XXX	REVISED -
	PLOT DATE = 7/16/2026	DATE - _____	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT SCHEMATIC
IL RTE 171 (FIRST AVE) AT STRIEBY DR

SCALE: 1" = 100' | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	63
		CONTRACT NO. 61M58		

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

PLAN
NOTE BOOK NO. ____
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
CADD FILE NAME ____
BY | DATE

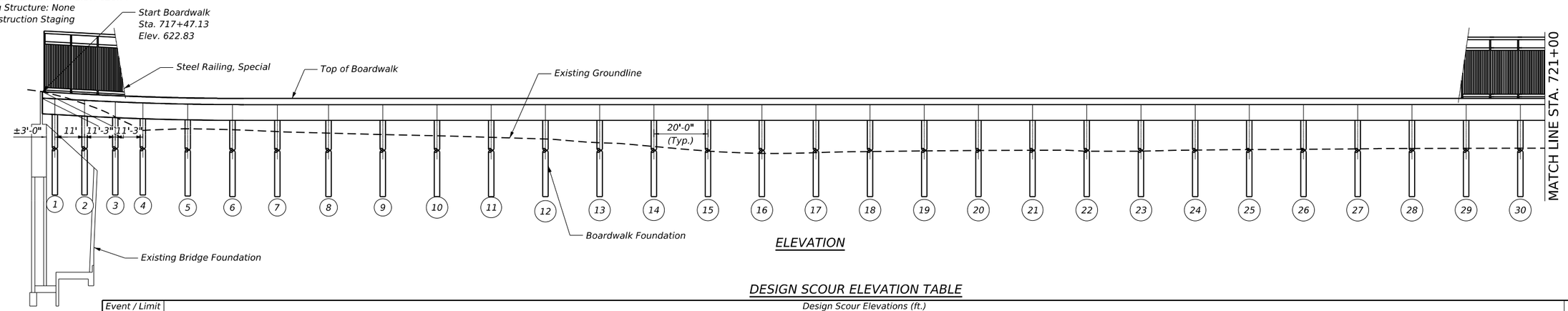
PROFILE
NOTE BOOK NO. ____
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT
STRUCTURE NOTAT'NS CH'KD
BY | DATE

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

TS SHT NO. 12

Benchmark: OSBM-7031 X-cut on concrete walk
at the southwest corner of the intersection
of Lawrence Ave. and the drive to east of the
Des Plaines River. Elev. 628.77

Existing Structure: None
No Construction Staging



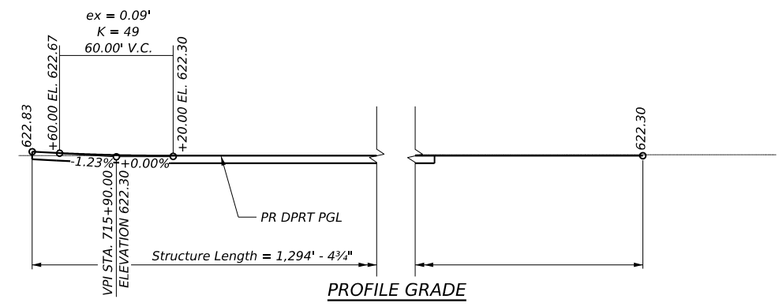
ELEVATION

DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elevations (ft.)																														Item 113
	S. Abut.	Pier 1	Pier 2	Pier 3	Pier 4	Pier 5	Pier 6	Pier 7	Pier 8	Pier 9	Pier 10	Pier 11	Pier 12	Pier 13	Pier 14	Pier 15	Pier 16	Pier 17	Pier 18	Pier 19	Pier 20	Pier 21	Pier 22	Pier 23	Pier 24	Pier 25	Pier 26	Pier 27	Pier 28	Pier 29	Pier 30	
Q100	614.84	617.90	617.90	617.90	617.58	617.26	616.90	616.90	616.90	616.48	615.90	615.90	615.90	615.90	615.90	615.90	615.90	616.04	616.61	616.65	616.19	616.16	616.16	616.48	616.90	616.90	616.65	616.47	616.32	616.10	615.90	8
Q200	614.80	617.89	617.89	617.89	617.57	617.25	616.89	616.89	616.89	616.47	615.89	615.89	615.89	615.89	615.89	615.89	615.89	616.03	616.60	616.64	616.18	616.15	616.15	616.47	616.89	616.89	616.64	616.46	616.31	616.09	615.89	
Design	614.84	617.90	617.90	617.90	617.58	617.26	616.90	616.90	616.90	616.48	615.90	615.90	615.90	615.90	615.90	615.90	615.90	616.04	616.61	616.65	616.19	616.16	616.16	616.48	616.90	616.90	616.65	616.47	616.32	616.10	615.90	
Check	614.80	617.89	617.89	617.89	617.57	617.25	616.89	616.89	616.89	616.47	615.89	615.89	615.89	615.89	615.89	615.89	615.89	616.03	616.60	616.64	616.18	616.15	616.15	616.47	616.89	616.89	616.64	616.46	616.31	616.09	615.90	

INDEX OF SHEETS

1-5	General Plan and Elevation
6-7	Offset Sketches
8	General Notes
9	Approach Details
10	Details
11	Steel Railing Details
12-13	Repairs to SN 016-1405
14-18	Soil Borings



PROFILE GRADE

DESIGN SPECIFICATIONS

2024 AASHTO LRFD Bridge Design
Specifications, 10th Edition
2009 AASHTO LRFD Guide Specifications
for the Design of Pedestrian Bridges

DESIGN STRESSES

FIELD UNITS

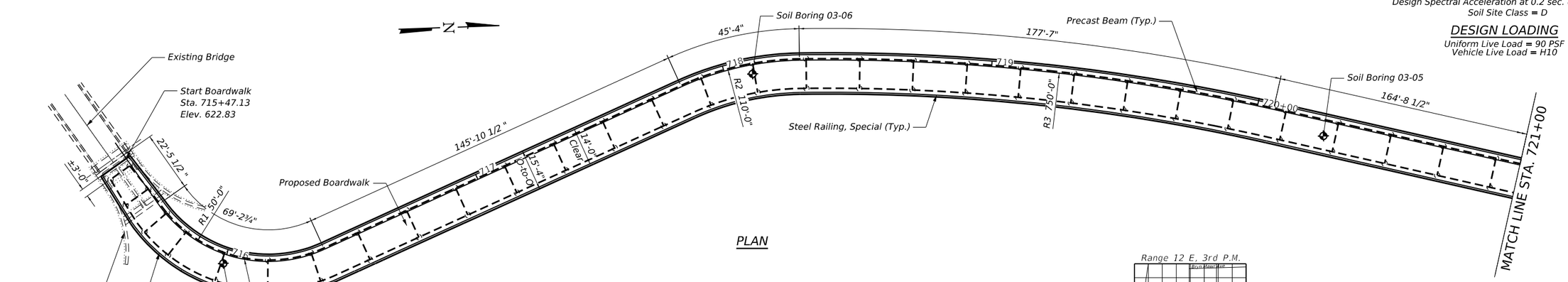
f'c = 4,000 psi (Superstructure)
f'c = 3,500 psi (Substructure)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

SEISMIC DATA

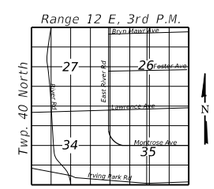
Seismic Performance Zone (SPZ) = B
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.098
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.13
Soil Site Class = D

DESIGN LOADING

Uniform Live Load = 90 PSF
Vehicle Live Load = H10



PLAN



LOCATION SKETCH

GENERAL PLAN & ELEVATION
DES PLAINES RIVER TRAIL
PROPOSED BOARDWALKS
COOK COUNTY
STA. 715+45.60 TO STA. 728+40.00
AND STA. 70+00.00 TO STA. 81+85.00

MODEL: Default
FILE NAME: pw:\\terraeng-pw.bentley.com:terraeng-pw-01\Documents\Projects\2025\25-152 Des Plaines Trail - Seg 7\Design\100 - Drawings\110 - SHT\09 - Structures\25152-SHT-001-GPE 01

TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -
		DRAWN - LR	REVISED -
	PLOT SCALE = 40.00 ' / in.	CHECKED - DC	REVISED -
	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

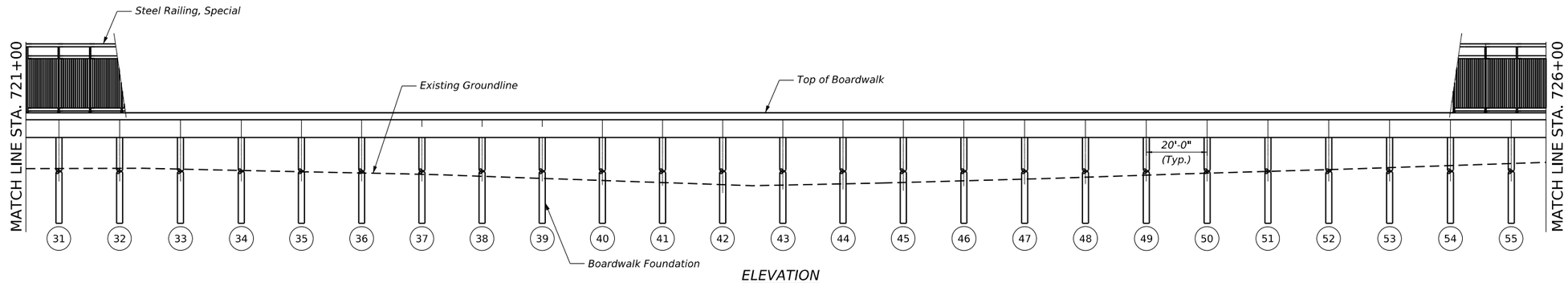
DES PLAINES RIVER TRAIL – SEGMENT 7
GENERAL PLAN AND ELEVATION

SCALE: | SHEET 1 OF 18 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	64

CONTRACT NO. 61M58

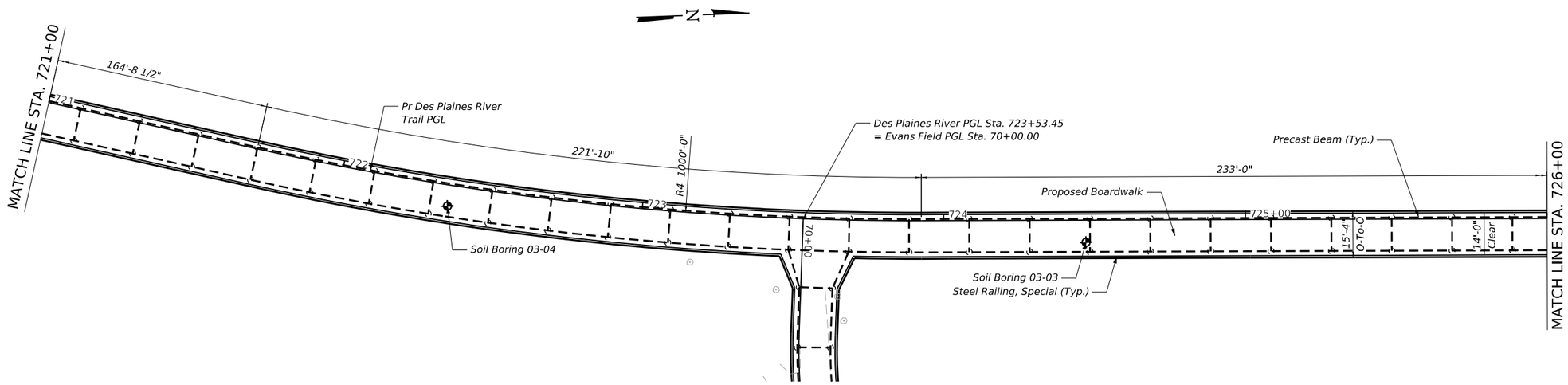
ILLINOIS | FED. AID PROJECT



ELEVATION

DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elevations (ft.)																									Item 113
	Pier 31	Pier 32	Pier 33	Pier 34	Pier 35	Pier 36	Pier 37	Pier 38	Pier 39	Pier 40	Pier 41	Pier 42	Pier 43	Pier 44	Pier 45	Pier 46	Pier 47	Pier 48	Pier 49	Pier 50	Pier 51	Pier 52	Pier 53	Pier 54	Pier 55	
Q100	615.90	615.25	615.20	615.28	614.90	614.90	615.60	615.85	616.17	616.29	616.29	616.41	616.40	616.56	616.87	617.29	617.29	617.29	617.29	617.29	618.19	618.29	618.29	618.29	618.29	8
Q200	615.89	615.24	615.19	615.27	614.89	614.89	615.56	615.81	616.13	616.25	616.25	616.37	616.36	616.52	616.83	617.25	617.25	617.25	617.25	617.25	618.15	618.25	618.25	618.25	618.25	
Design	615.90	615.25	615.20	615.28	614.90	614.90	615.60	615.85	616.17	616.29	616.29	616.41	616.40	616.56	616.87	617.29	617.29	617.29	617.29	617.29	618.19	618.29	618.29	618.29	618.29	
Check	615.89	615.24	615.19	615.27	614.89	614.89	615.56	615.81	616.13	616.25	616.25	616.37	616.36	616.52	616.83	617.25	617.25	617.25	617.25	617.25	618.15	618.25	618.25	618.25	618.25	



PLAN

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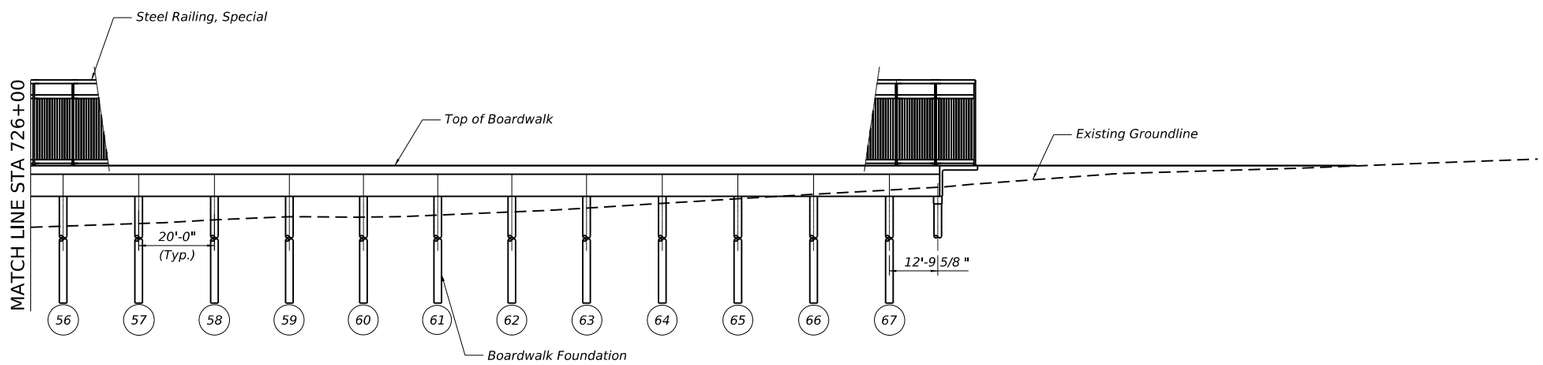
TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -
		DRAWN - LR	REVISED -
	PLOT SCALE = 40.00 ' / in.	CHECKED - DC	REVISED -
	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
GENERAL PLAN AND ELEVATION

SCALE: | SHEET 2 OF 18 SHEETS | STA. TO STA.

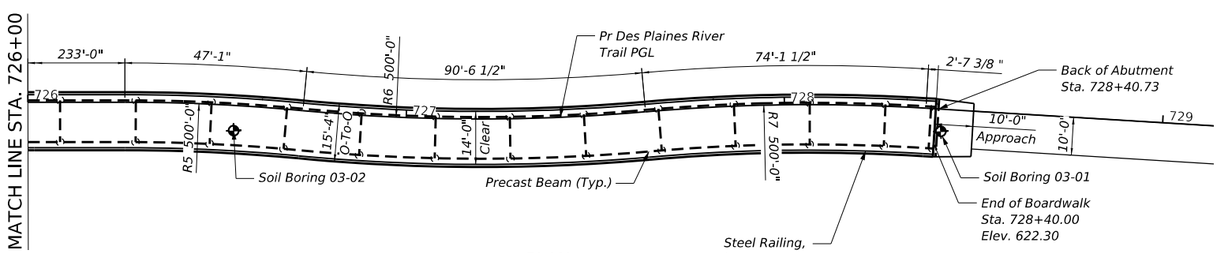
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	65
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



ELEVATION

DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elevations (ft.)													Item 113
	Pier 56	Pier 57	Pier 58	Pier 59	Pier 60	Pier 61	Pier 62	Pier 63	Pier 64	Pier 65	Pier 66	Pier 67	N. Abut.	
Q100	618.50	618.91	619.06	618.60	619.05	616.29	616.41	616.40	616.56	616.87	617.29	617.29	619.38	8
Q200	618.46	618.87	619.02	618.56	619.01	616.25	616.37	616.36	616.52	616.83	617.25	617.25	619.21	
Design	618.50	618.91	619.06	618.60	619.05	616.29	616.41	616.40	616.56	616.87	617.29	617.29	619.38	
Check	618.46	618.87	619.02	618.56	619.01	616.25	616.37	616.36	616.52	616.83	617.25	617.25	619.21	



PLAN

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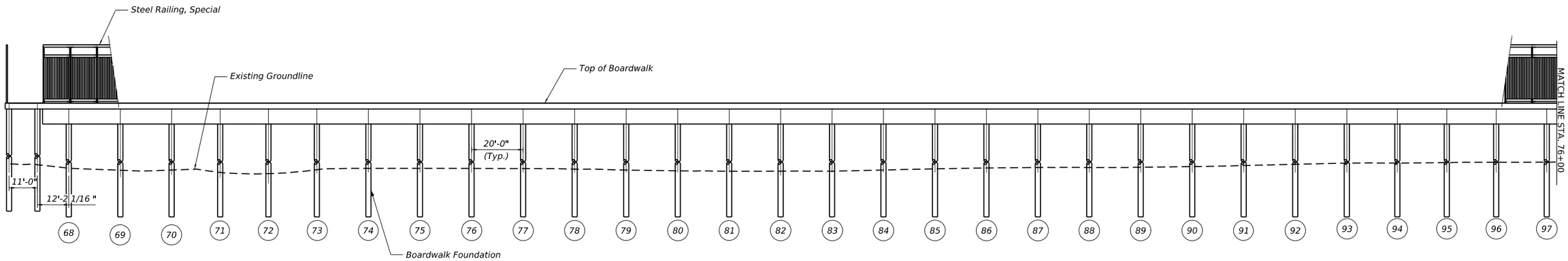
TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -
		DRAWN - LR	REVISED -
	PLOT SCALE = 40.00 ' / in.	CHECKED - DC	REVISED -
	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
GENERAL PLAN AND ELEVATION

SCALE: | SHEET 3 OF 18 SHEETS | STA. TO STA.

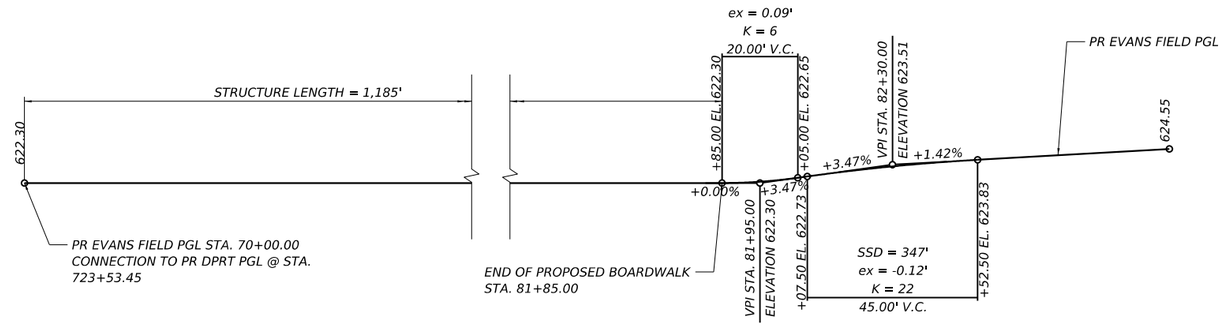
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	66
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



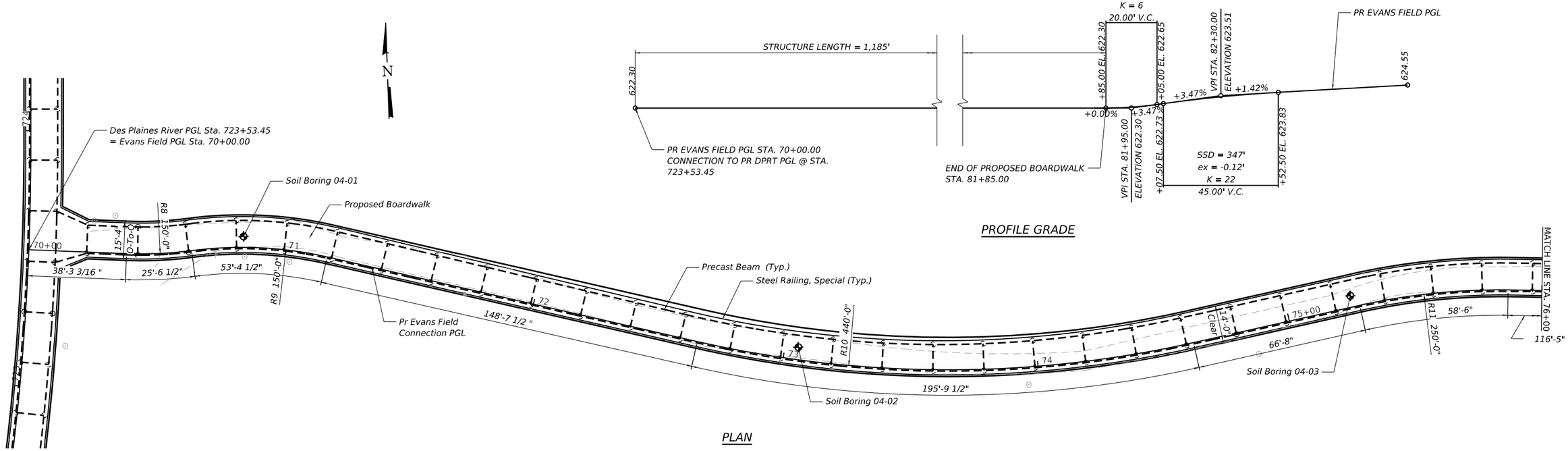
ELEVATION

DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elevations (ft.)																													Item 113
	Pier 68	Pier 69	Pier 70	Pier 71	Pier 72	Pier 73	Pier 74	Pier 75	Pier 76	Pier 77	Pier 78	Pier 79	Pier 80	Pier 81	Pier 82	Pier 83	Pier 84	Pier 85	Pier 86	Pier 87	Pier 88	Pier 89	Pier 90	Pier 91	Pier 92	Pier 93	Pier 94	Pier 95	Pier 96	Pier 97	
Q100	613.17	612.88	612.67	612.97	612.80	612.85	613.08	613.18	613.08	613.24	613.27	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.46	613.65	613.78	613.70	613.88	613.33	614.31	8
Q200	613.17	612.88	612.67	612.97	612.80	612.85	613.08	613.18	613.08	613.24	613.27	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.46	613.65	613.78	613.70	613.88	613.33	614.31	
Design	613.17	612.88	612.67	612.97	612.80	612.85	613.08	613.18	613.08	613.24	613.27	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.46	613.65	613.78	613.70	613.88	613.33	614.31	
Check	613.17	612.88	612.67	612.97	612.80	612.85	613.08	613.18	613.08	613.24	613.27	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.31	613.46	613.65	613.78	613.70	613.88	613.33	614.31	



PROFILE GRADE



PLAN

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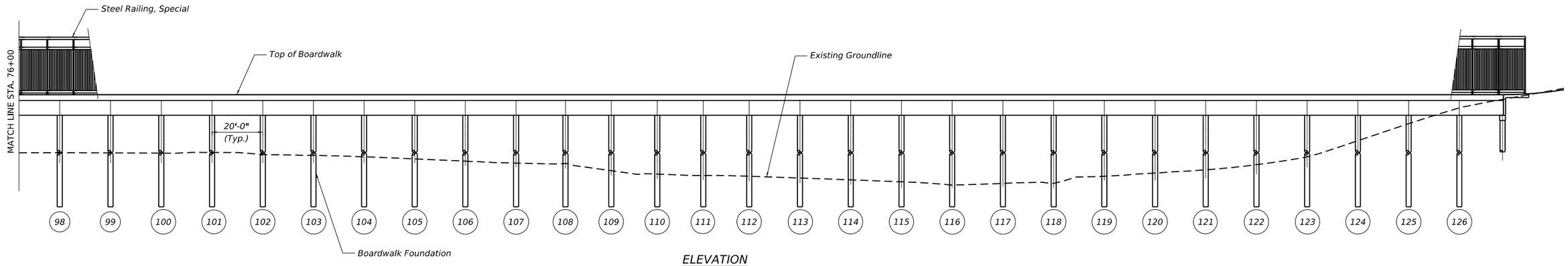
TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -
		DRAWN - LR	REVISED -
	PLOT SCALE = 40.00 ' / in.	CHECKED - DC	REVISED -
	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
GENERAL PLAN AND ELEVATION

SCALE: | SHEET 4 OF 18 SHEETS | STA. | TO STA.

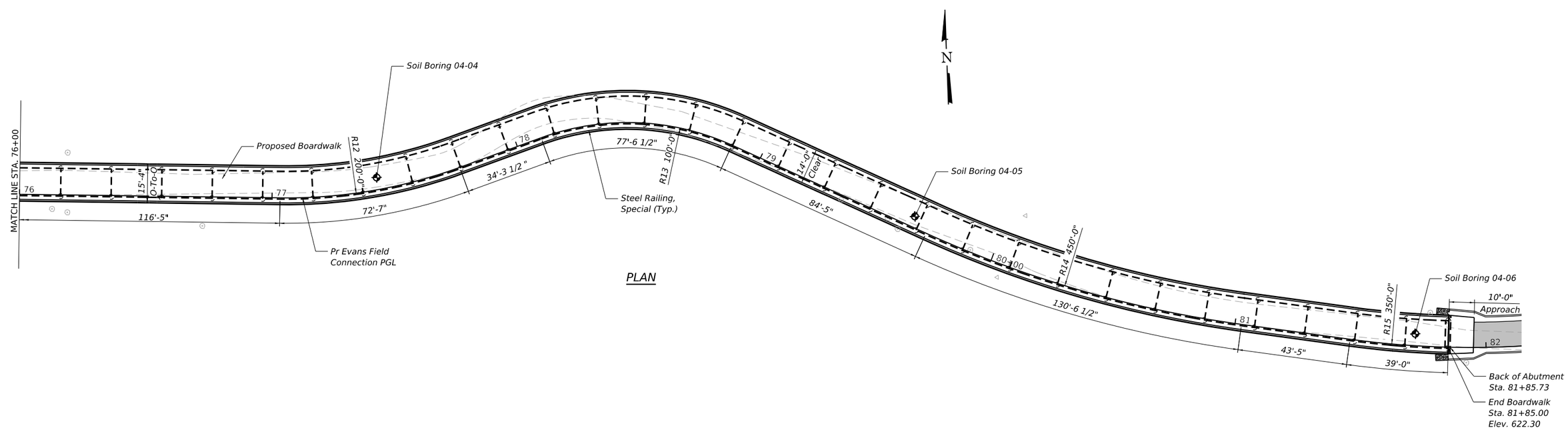
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	67
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



ELEVATION

DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elevations (ft.)																														Item 113
	Pier 98	Pier 99	Pier 100	Pier 101	Pier 102	Pier 103	Pier 104	Pier 105	Pier 106	Pier 107	Pier 108	Pier 109	Pier 110	Pier 111	Pier 112	Pier 113	Pier 114	Pier 115	Pier 116	Pier 117	Pier 118	Pier 119	Pier 120	Pier 121	Pier 122	Pier 123	Pier 124	Pier 125	Pier 126	E. Abut.	
Q100	614.31	614.31	614.27	613.96	613.65	613.34	613.31	613.24	612.31	612.31	612.31	612.31	612.31	612.31	612.31	612.31	612.31	608.81	612.31	612.31	612.31	612.31	613.13	614.52	613.81	615.31	615.68	617.61	617.61	610.33	8
Q200	614.31	614.31	614.27	613.96	613.65	613.34	613.31	613.24	612.31	612.31	612.31	612.31	612.31	612.31	612.31	612.31	612.31	608.81	612.31	612.31	612.31	612.31	613.13	614.52	613.81	615.31	615.68	617.61	617.61	610.32	
Design	614.31	614.31	614.27	613.96	613.65	613.34	613.31	613.24	612.31	612.31	612.31	612.31	612.31	612.31	612.31	612.31	612.31	608.81	612.31	612.31	612.31	612.31	613.13	614.52	613.81	615.31	615.68	617.61	617.61	610.33	
Check	614.31	614.31	614.27	613.96	613.65	613.34	613.31	613.24	612.31	612.31	612.31	612.31	612.31	612.31	612.31	612.31	612.31	608.81	612.31	612.31	612.31	612.31	613.13	614.52	613.81	615.31	615.68	617.61	617.61	610.32	



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TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL – SEGMENT 7 GENERAL PLAN AND ELEVATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - LR	REVISED -				19-00037-02-BT	COOK	112	68
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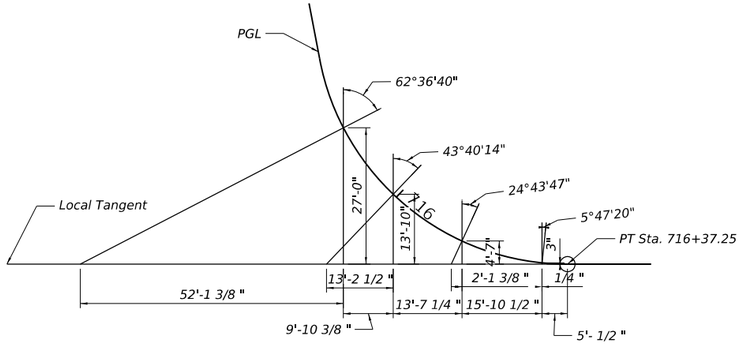
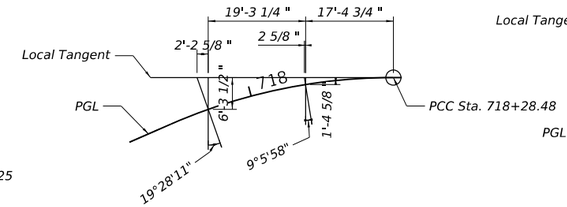
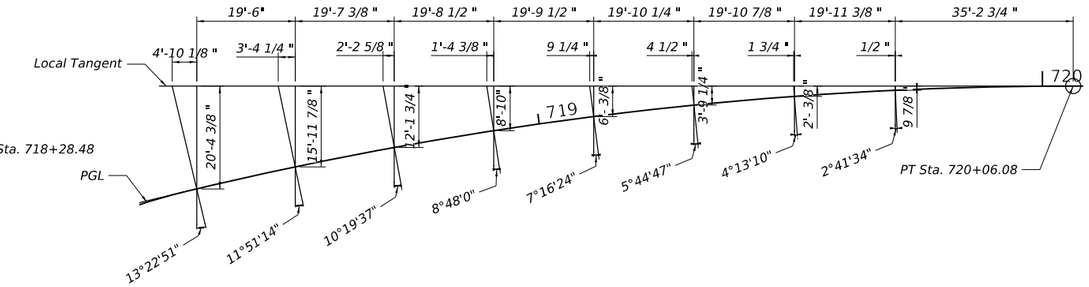


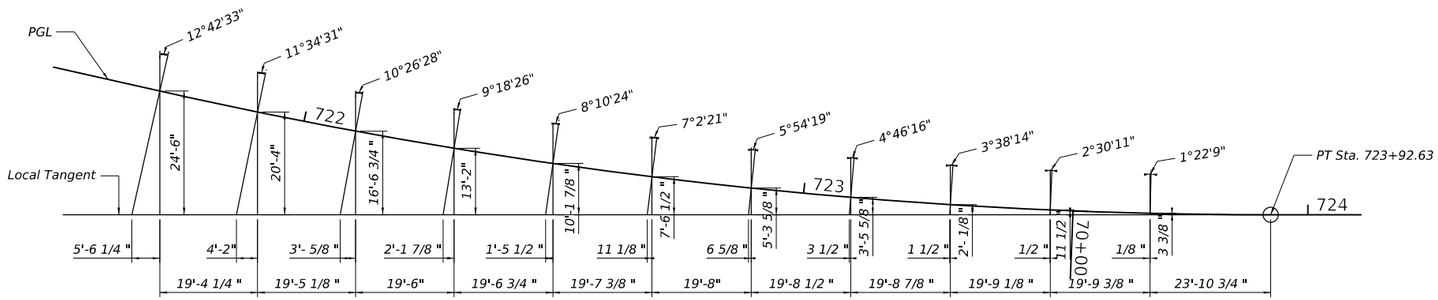
OFFSET SKETCH R1



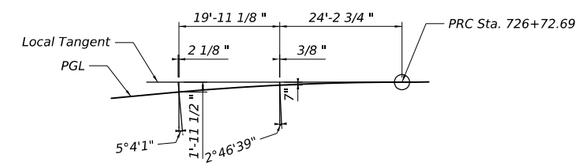
OFFSET SKETCH R2



OFFSET SKETCH R3



OFFSET SKETCH R4



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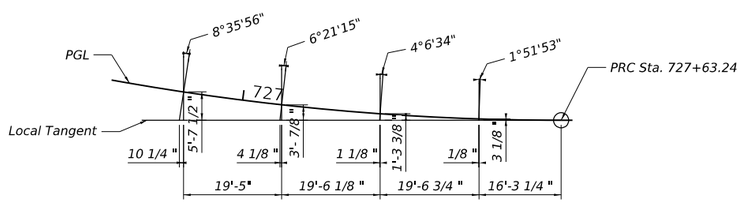
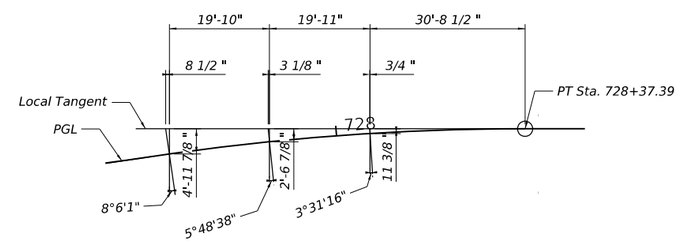


OFFSET SKETCH R6



OFFSET SKETCH R7

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TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL – SEGMENT 7 OFFSET SKETCHES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - LR	REVISED -						19-00037-02-BT	COOK	112 / 69
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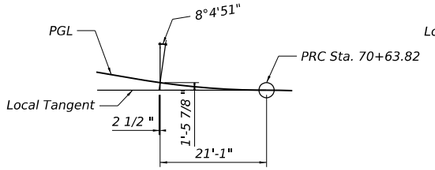
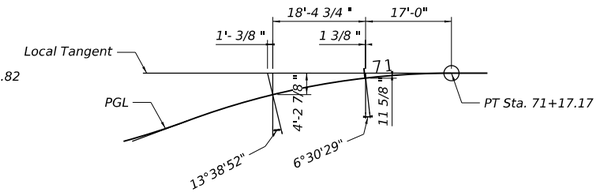
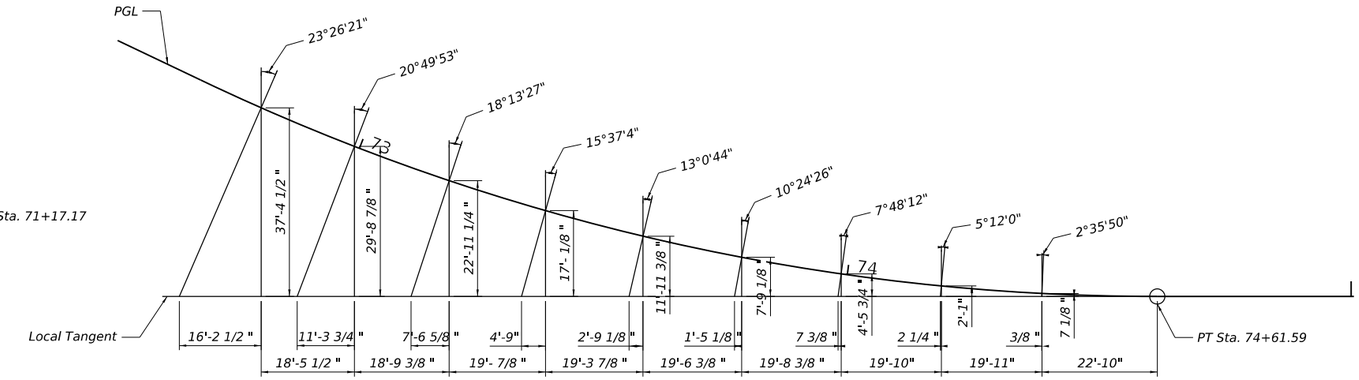
	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -		SCALE:	SHEET 6 OF 18 SHEETS	STA. TO STA.		ILLINOIS	FED. AID PROJECT	



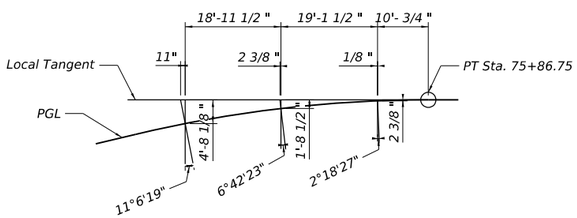
OFFSET SKETCH R8



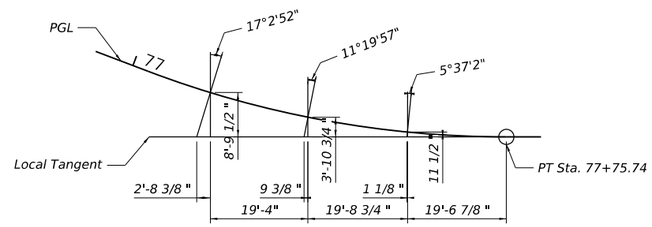
OFFSET SKETCH R9



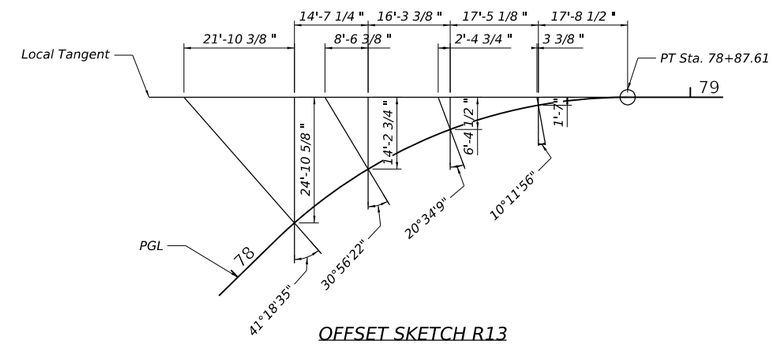
OFFSET SKETCH R10



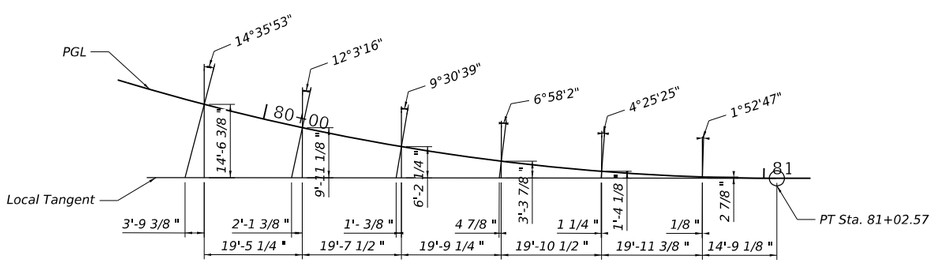
OFFSET SKETCH R11



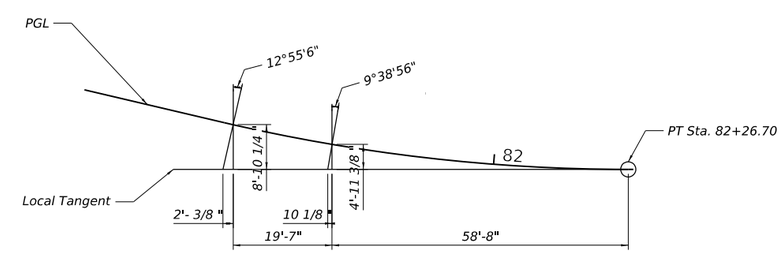
OFFSET SKETCH R12



OFFSET SKETCH R13



OFFSET SKETCH R14



OFFSET SKETCH R15

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TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL – SEGMENT 7 OFFSET SKETCHES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - LR	REVISED -				19-00037-02-BT	COOK	112 / 70
	PLOT SCALE = 30.0000 ' / in.	CHECKED - DC	REVISED -					CONTRACT NO. 61M58	
	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -		SCALE: SHEET 7 OF 18 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

1. All work shall be done in accordance to the Illinois Department of Transportation (IDOT) Standard Specification for Road and Bridge Construction, adopted January 1, 2022, and Supplemental Specifications and recurring Special Provisions, adopted January 1, 2025, unless noted otherwise. Construction Plans and Subsequent Details are all to be considered as part of the Contract. Incidental Items or Accessories necessary to complete this work may not be specifically noted but are considered a part of the Contract.

2. No Construction Plans shall be used for Construction unless specifically Marked for construction. Prior to commencement of construction, the Contractor shall verify all dimensions and conditions affecting the work with the actual conditions, if there are discrepancies between the Job site and what is shown on the construction plans, the contractor must immediately report to Engineer before doing any work, otherwise the Contractor shall assume full responsibility. In the event of disagreement between the plans and existing conditions and or details, the Contractor shall secure written Instruction from the Engineer prior to proceeding with any part of the work affected by omissions or discrepancies. In failing to secure such instruction, the Contractor will be considered to have proceeded at his own risk and expense. In the event of any doubt or questions arising with respect to the true meaning of the Construction Plans or Specifications, the decision of the Engineer shall be final and conclusive.

3. Contractor shall verify all topographic Information and grade elevations adjacent to boardwalk prior to proceeding. Inform Engineer of any variation.

4. The Contractor and boardwalk manufacturer shall ensure that the boardwalk meets all requirements of the Americans with Disabilities Act.

CAST-IN-PLACE CONCRETE

1. All cast-in-place concrete work and reinforcing steel work shall be in accordance with Sections 503 and 508 respectively of the IDOT Standard Specifications for Road and Bridge Construction, adopted January 1, 2022, and Supplemental Specifications and Recurring Special Provisions and as noted below.

2. Cover from the face of concrete to face of reinforcement shall be 3" for surfaces case against earth and 2" for all other surfaces unless otherwise noted.

3. Reinforcement Bars designated (E) shall be Epoxy Coated.

4. Reinforcing bar bending dimensions are out-to-out.

5. All exposed concrete edges shall be beveled 3/4".

PRECAST CONCRETE BOARDWALK

1. Abutments and Drilled Shafts shall be designed for lateral earth pressure, live load surcharge, and structure loads.

   Pier Loads per drilled shaft are based upon a maximum longitudinal spacing of 20'-0", unless noted otherwise.

   Compression: 33.4 kips (Service)
   Lateral Wind: 2.2 kips (Service)

   Abutment Loads

   Compression:
   Lateral Wind:

The Contractor shall be responsible for the design, materials, and installation of the drilled shaft foundation piers, abutments, cast in place concrete grade beam supports, and railing for the Boardwalk Structure. All foundation locations shown in the boardwalk plans are approximate and shall be determined in the final boardwalk design. All details are approximate and are to be used for estimate purposes only. Contractor shall coordinate design of support foundations and railings with boardwalk precast plank manufacturer prior to delivery of final design package for review. See Special Provisions for more details.

2. All bolts, nuts, washers, and hardware shall be hot-dipped galvanized after fabrication in accordance with ASTM A153.

3. Contractor shall accomodate thermal expansion and meet all code requirements for pedestrian rail loading and configuration requirements, including the limits on the size of opening allowed. Cost for the design, fabrication, and installation of rail is included in BOARDWALK STRUCTURE. See Boardwalk Structure special provision for more information.

CONSTRUCTION

1. Do not scale dimensions for construction. Scale, if shown, applies only to full size drawings.

2. No construction joints, except those shown on the plans, will be allowed unless directed by the Engineer.

3. Any information concerning type or location of underground and other utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to the type and location of the utilities as may be necessary to avoid damage thereto. Contractor shall call J.U.L.I.E. and the Engineer prior to excavation.

4. Shop working or layout drawings pertaining to the construction of the work, as may be required, shall be submitted to the Engineer for approval prior to the start of construction. Shop drawing shall be signed and sealed by a Structural Engineer licensed in the State of Illinois.

5. Upon completion, the contractor shall collect and remove all construction debris and excess material from the site. Damaged trees, shrubs, and other landscape features resulting from construction activities shall be replaced or repaired.

6. All bearing surfaces must be true and level.

7. Contractor must coordinate with Boardwalk Manufacturer to ensure proper placement of cast-in-place anchors. If the contractor elects to use post-installed anchors in lieu of cast-in-place anchors, he must coordinate the plate dimensions, bolt spacing and bolt quantity with the Boardwalk Manufacturer and get approval from Manufacturer's Engineer of Record prior to construction.

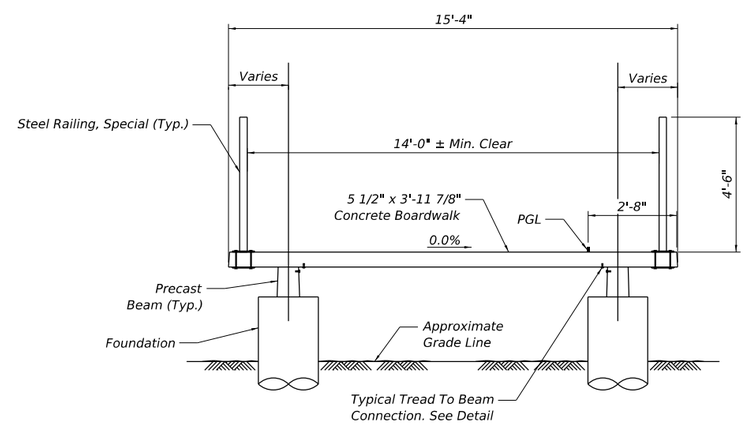
8. Minimal disturbance of the wetlands and conservation of trees is critical. Given the limited working space for boardwalk construction, the Contractor shall utilize top-down construction methods. The Contractor shall remain in the working area and minimize wetland disturbance by placing protective mats or other measures for installation of the drilled shaft foundation. No additional compensation will be provided based on the limited access and construction area. All precast elements of the boardwalk shall be installed using equipment operating from the top of the new boardwalk structure.

ABBREVIATIONS

Appr.	Approach
Approx.	Approximate
Conc.	Concrete
CL	Centerline
Clr.	Clearance
Cts.	Centers
Dia.	Diameter
∅	Diameter
El.	Elevation
Exist.	Existing
Galv.	Galvanized
HDG	Hot Dip Galvanized
Min.	Minimum
O.C.	On Center
PL	Plate
S.S.	Stainless Steel
Sta.	Station
Typ.	Typical
UNO	Unless Noted Otherwise
WS	Water Surface

BILL OF MATERIALS - TWO BOARDWALKS

ITEM	UNIT	TOTAL
Concrete Superstructure (Approach Slab)	Cu Yd	7.0
Reinforcement Bars (Epoxy Coated)	Lb	867
Epoxy Crack Injection	Foot	20.25
Boardwalk Structure	Sq Ft	37,900
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq Ft	58.4
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq Ft	3.5
Sandblasting Concrete	Sq Yd	213.3



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TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL – SEGMENT 7 GENERAL NOTES AND BILL OF MATERIAL
		DRAWN - LR	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DC	REVISED -		
	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -		SCALE: SHEET 8 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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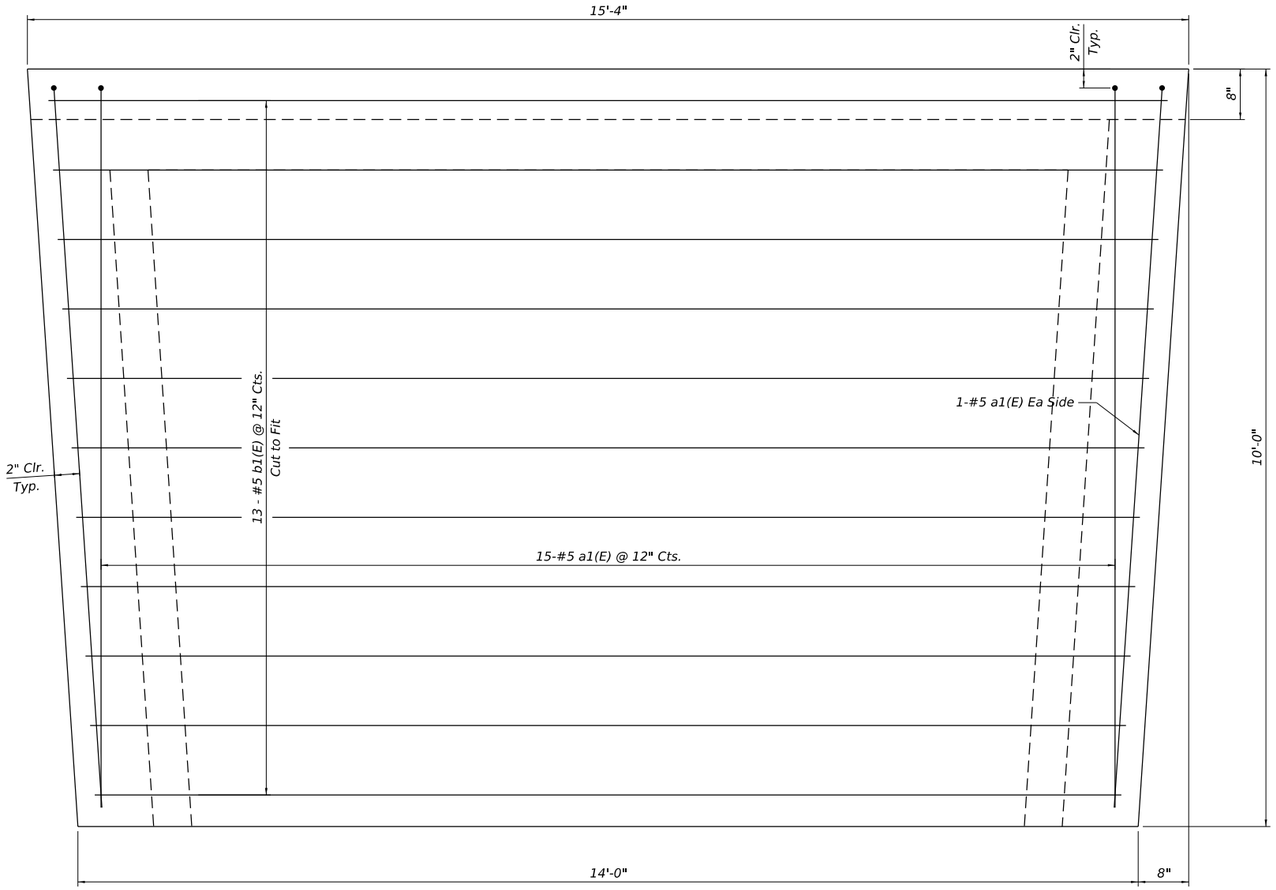
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

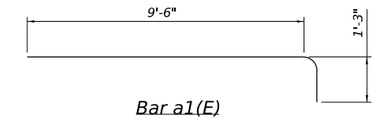


APPROACH SLAB PLAN

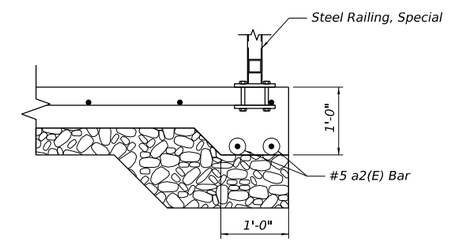
BILL OF MATERIAL FOR TWO APPROACH SLABS

Bar	No.	Size	Length	Shape
a1(E)	34	#5	10'-9"	
a2(E)	8	#5	9'-6"	
b1(E)	26	#5	15'-0"	

Pay Item	Unit	Quantity
Concrete Superstructure (Approach Slab)	Cu Yd	7.0
Reinforcement Bars, Epoxy Coated	Lb	867

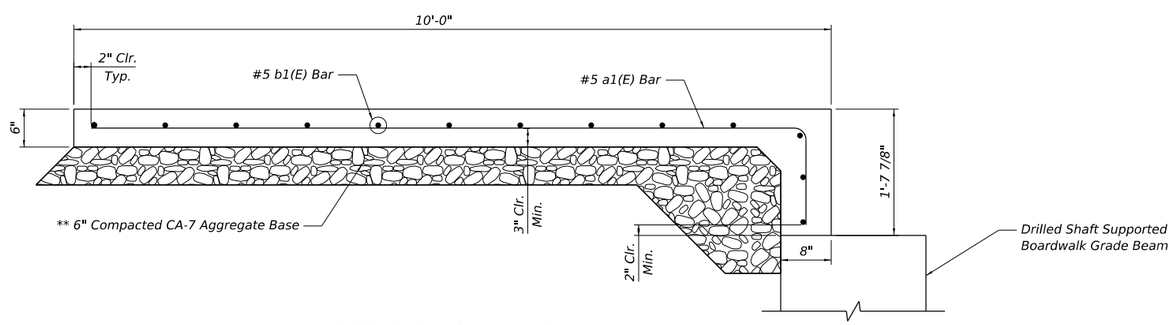


Bar a1(E)



THICKENED EDGE ELEVATION

See Steel Railing Details for Anchor Bolt Dimensions



APPROACH SLAB ELEVATION

** Cost included with CONCRETE SUPERSTRUCTURE (APPROACH SLAB)

Notes:

1. Approach slab typical at each Boardwalk termination. See General Plan and Elevation sheets 1-5.

2. Proposed path at boardwalk terminations has 1½% cross slope. Contractor shall match approach slab cross slope to path and transition approach slab to 0% cross slope to match at boardwalk. See Civil Plans for path details.

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TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -
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	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
APPROACH SLAB DETAILS

SCALE: | SHEET 9 OF 18 SHEETS | STA. TO STA.

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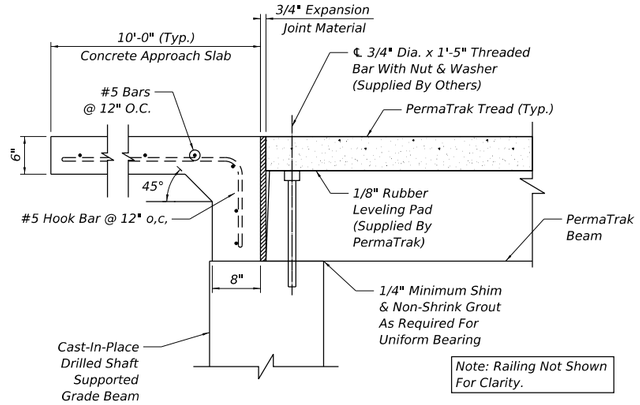
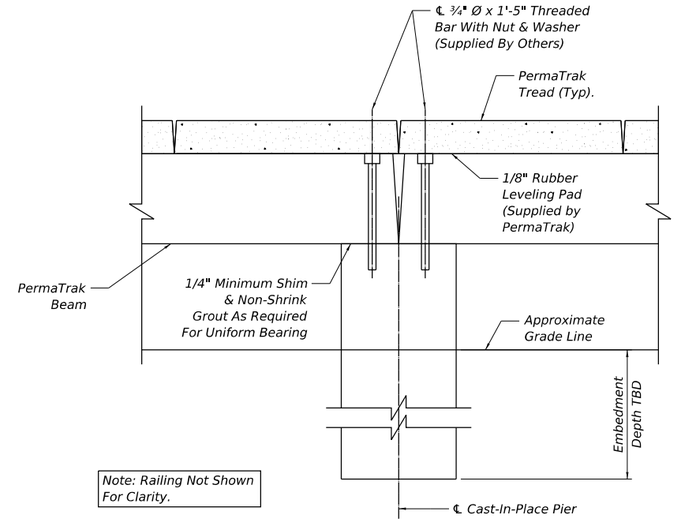
	ILLINOIS	FED. AID PROJECT		



DETAIL C - TYPICAL APPROACH

Scale: Not to Scale

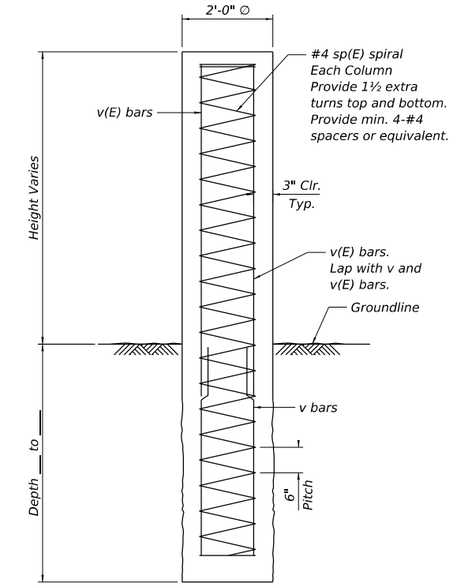
Notes:
1. Threaded Bar shall be set in Epoxy Adhesive Anchoring System.
2. Threaded Bar shall be embedded a minimum of 3" deep.
3. Drilled Hole shall be 7/8" in diameter.
4. Completely cover the threaded bar, nut, and washer and fill the void around the threaded bar with Epoxy Adhesive or Non-Shrink Grout.



DETAIL B - TYPICAL PIER CONNECTION

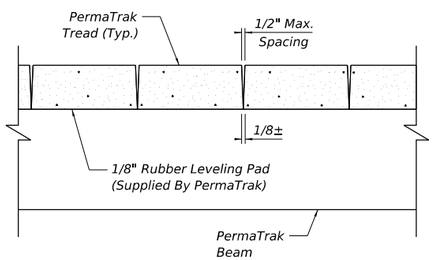
Scale: Not to Scale

Notes:
1. Threaded Bar shall be set in Epoxy Adhesive Anchoring System.
2. Threaded Bar shall be embedded a minimum of 3" deep.
3. Drilled Hole shall be 7/8" in diameter.
4. Completely cover the threaded bar, nut, and washer and fill the void around the threaded bar with Epoxy Adhesive or Non-Shrink Grout.

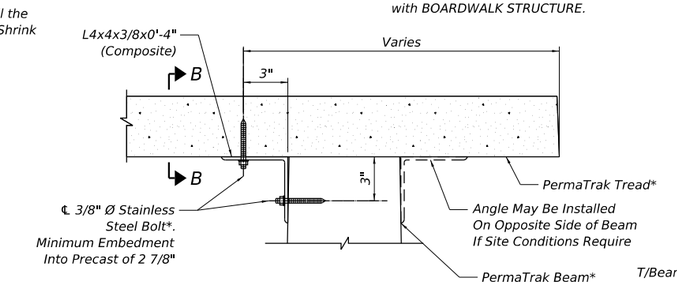


TYPICAL CONCRETE DRILLED SHAFT DETAIL

**Cost of Drilled Shaft design and construction in included with BOARDWALK STRUCTURE.



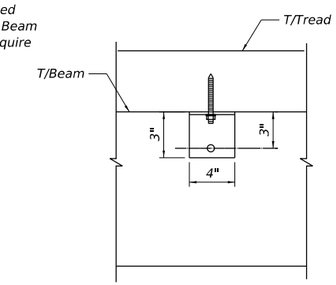
TYPICAL TREAD SPACING DETAIL



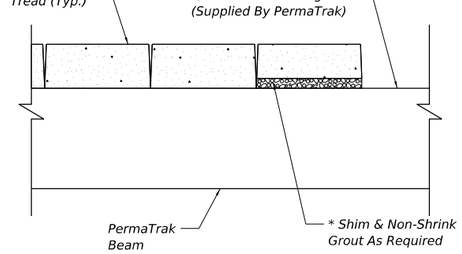
TREAD TO BEAM CONNECTION

Scale: Not to Scale

Notes:
1. All holes in precast shall be drilled by contractor.
2. Drilled holes in precase shall be 2 7/8" deep and 3/8" Ø.
3. Prior to installing bolt, hole shall be thoroughly cleaned.
4. * Indicates supplied by PermaTrak.
5. Maximum installation torque: 35 ft-lb.
6. One (1) clip angle is required per tread. Location of clip angle on tread shall alternate sides from tread to tread.



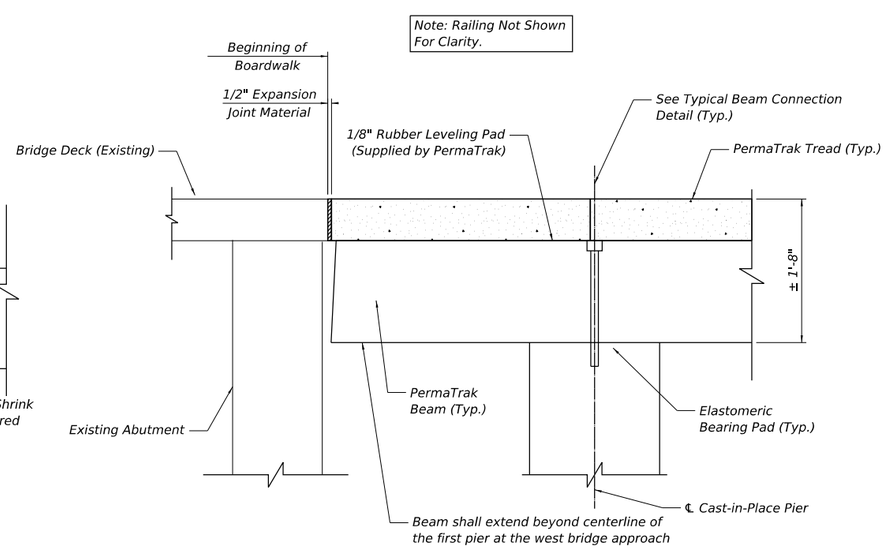
SECTION B-B



TYPICAL SHIM/GROUT DETAIL

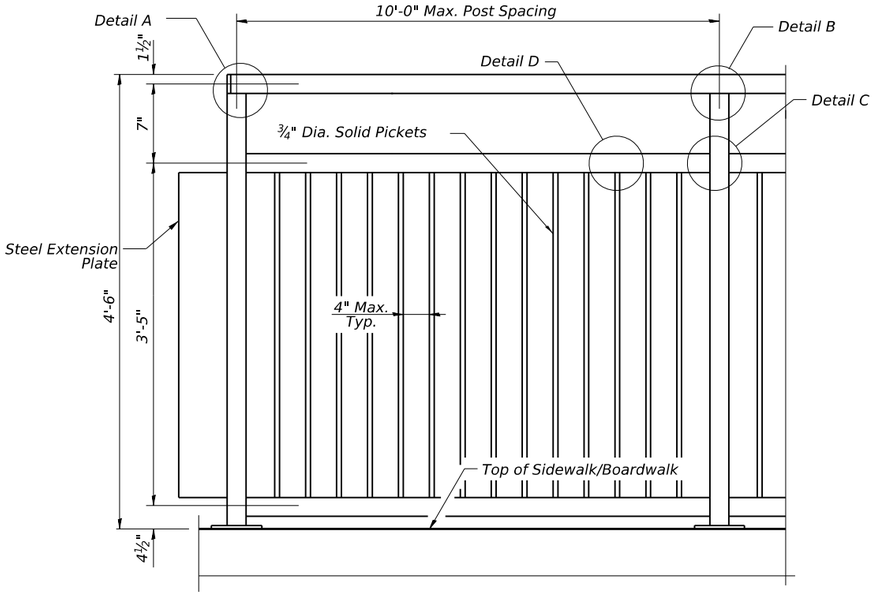
Scale: Not to scale (UNDER TREAD)

Note:
Due to tolerances and variance in precast production and installation accuracy, shimming and grouting may be required. When required the entire bearing area and void shall be shim and grouted with non-shrink grout.

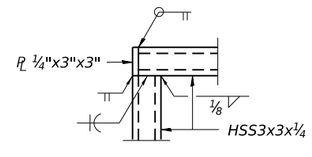


WEST BRIDGE APPROACH DETAIL

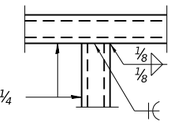
Note:
The Contractor shall be responsible for the design, materials, and installation of the drilled shaft foundation piers, cast in place concrete grade beam supports, and railing for the Boardwalk Structure. All foundation locations shown in the boardwalk plans are approximate and shall be determined in the final boardwalk design. All details are approximate and are to be used for estimate purposes only. Contractor shall coordinate design of support foundations and railings with PermaTrak prior to delivery of final design package for review. See Special Provisions for more details.



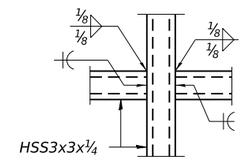
STEEL RAILING, SPECIAL



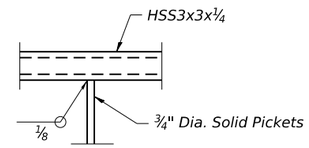
DETAIL A



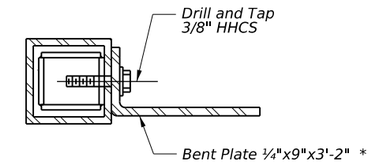
DETAIL B



DETAIL C

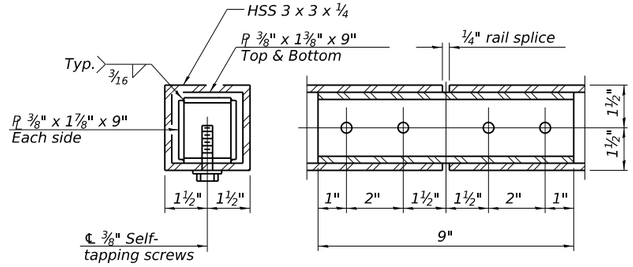


DETAIL D

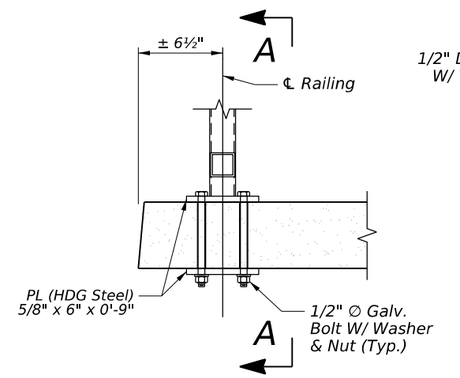


EXTENSION PLATE CONNECTION DETAIL

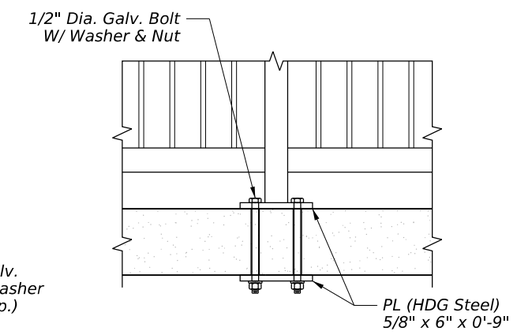
* Subject to change due to field measurements



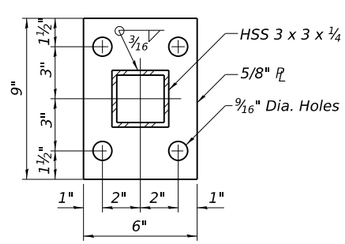
RAIL SPLICE



DETAIL 1



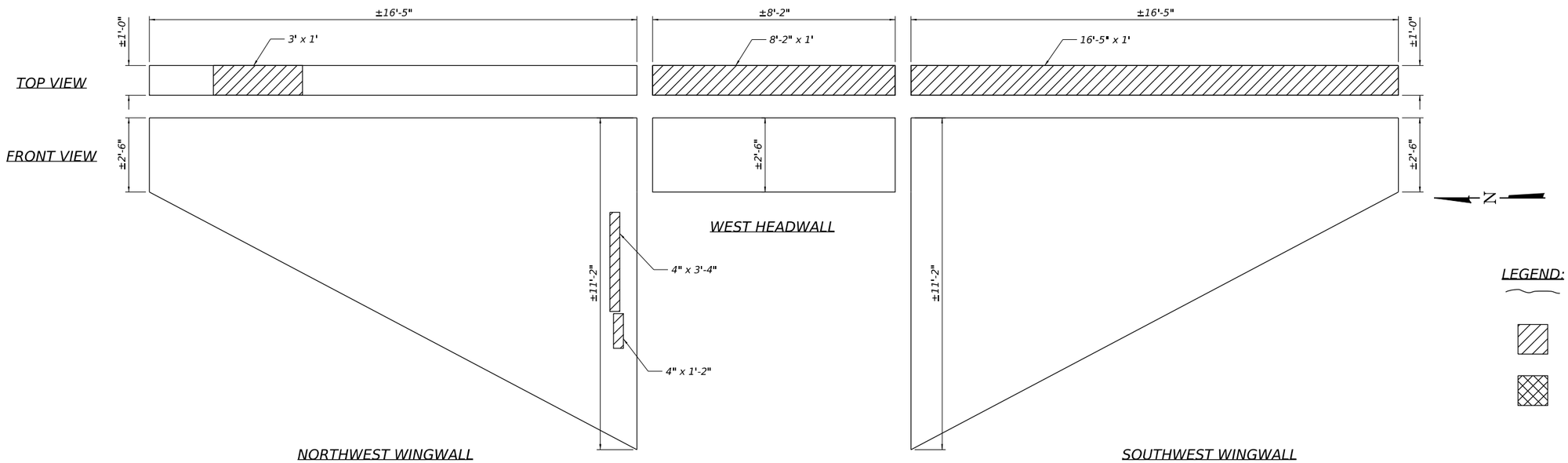
SECTION A-A



BASE PL

Notes:

1. All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.
2. All holes shall be drilled by contractor.
3. One (1) Clip Angle is required on each end of any tread with a handrail post attachment. Two (2) Clip Angles total per individual tread U.N.O. in plan view.
4. Contractor shall ensure placement of Clip Angles and anchors does not interfere with Steel Railing post anchors.
5. Cost of Steel Railing, Special and anchorage design, materials and construction is included with BOARDWALK STRUCTURE.
6. Contractor to ensure gap between steel extension plate and existing bridge railing does not exceed 3 inches. The dimensions of required steel extension plate are subject to change due to field measurement.
7. Contractor to detail, design, and install a gate at the south end of the boardwalk where called out on plans.



LEGEND:

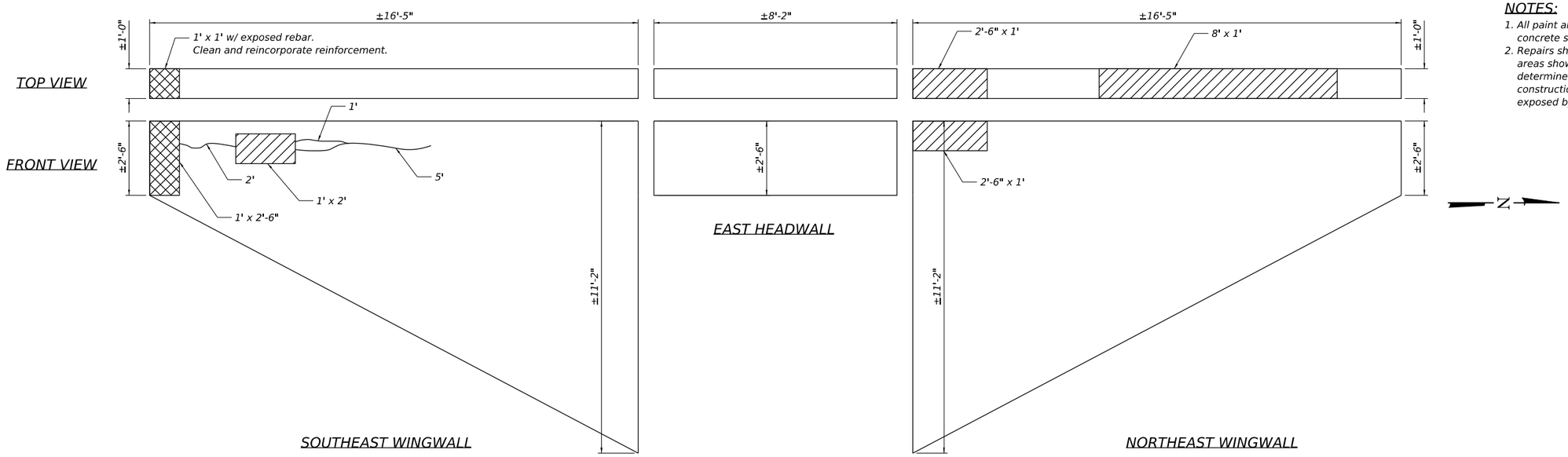
- Epoxy Crack Injection
- Structural Repair of Concrete (Depth Equal to or less than 5 inches)
- Structural Repair of Concrete (Depth Greater than 5 inches)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Epoxy Crack Injection	Foot	8
Structural Repair of Concrete (Depth Equal to or less than 5 inches)	Sq. Ft.	44.1
Structural Repair of Concrete (Depth Greater that 5 inches)	Sq. Ft.	3.5
Sandblasting Concrete	Sq. Yd.	54.4

NOTES:

1. All paint and graffiti shall be removed to expose all concrete surfaces prior to performance of repairs.
2. Repairs shall include but may not be limited to the areas shown. The actual areas to be repaired will be determined by the ENGINEER at the time of construction after all concrete surfaces have been exposed by sandblasting.



PEDESTRIAN TUNNEL UNDER 1ST AVE

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TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -
		DRAWN - LR	REVISED -
	PLOT SCALE = 4.0000 ' / in.	CHECKED - DC	REVISED -
	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
REPAIRS TO SN 016–1405

SCALE: | SHEET 12 OF 18 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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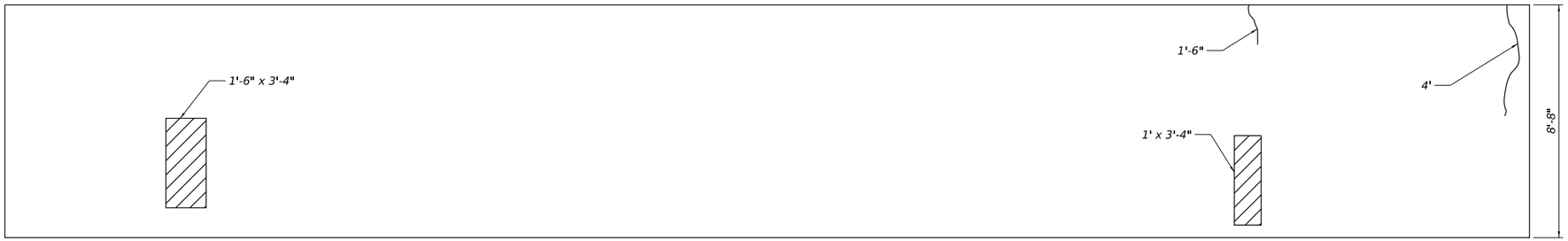
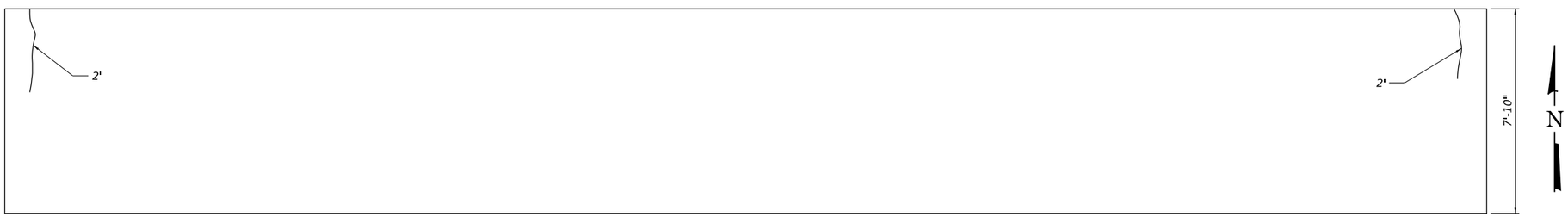
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



NORTH WALL



BOTTOM OF TOP SLAB

SOUTH WALL

PEDESTRIAN TUNNEL UNDER 1ST AVE

LEGEND:

Epoxy Crack Injection

Structural Repair of Concrete (Depth Equal to or less than 5 inches)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Epoxy Crack Injection	Foot	12.25
Structural Repair of Concrete (Depth Equal to or less than 5 inches)	Sq. Ft.	14.3
Sandblasting Concrete	Sq. Yd.	158.9

NOTES:

1. All paint and graffiti shall be removed to expose all concrete surfaces prior to performance of repairs.
2. Repairs shall include but may not be limited to the areas shown. The actual areas to be repaired will be determined by the ENGINEER at the time of construction after all concrete surfaces have been exposed by sandblasting.

Interra, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440
www.interraservices.com

SOIL BORING LOG

Page 1 of 1

Date 4/18/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120471.2; N: 1911955.8

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 03-01
Station 728+40
Offset 5.00ft RT
Ground Surface Elev. 620.60 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL (6")	620.10				
Hard, dark yellowish Brown (10YR 4/4) SILTY CLAY, trace gravel, medium plasticity, moist			5		
			7		16.4
			9	4.5 P	
Hard, Brown (10YR 4/3) SILTY CLAY, trace gravel, medium plasticity, moist	617.60				
			5		
			6		16.1
		-5	13	4.5 P	
			6		
			10		17.8
			14	4.5 P	
			5		
			8		16.5
		-10	11	4.5 P	
Very stiff			5		
			10		11.3
			9	3.0 P	
			5		
			4		13.0
		-15	5	2.0 P	
	605.10				
Very stiff, dark grayish Brown (10YR 4/2) CLAY, trace gravel, medium plasticity, moist			3		
			4		20.4
			4	2.0 P	
			2		
			2		21.9
		-20	3	2.0	

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	600.10			P	
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			3		
			5		18.2
			8	3.3 P	
Hard			5		
			8		15.9
		-25	8	4.5 P	
	595.10				
Medium dense, dark Gray (10YR 4/1) SILT, moist			5		
			8		19.4
			7		
			7		
			12		15.7
	590.60	-30	12		
End of boring at 30'. Boring backfilled with soil cuttings.					
		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

BBS, from 137 (Rev. 8-99)

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SOIL BORING LOG

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Date 4/18/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120464.3; N: 1911769.2

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 03-02
Station 726+52
Offset 5.40ft RT
Ground Surface Elev. 618.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL (6")	617.80				
Very stiff, dark Brown (10YR 3/3) SILTY CLAY, medium plasticity, moist			4		
			5		22.1
			6	3.5 P	
	615.30				
Very stiff, dark yellowish Brown (10YR 4/4) SILTY CLAY, medium plasticity, moist			2		
			4		19.3
		-5	5	2.5 P	
Hard, trace gravel			7		
			12		12.2
			13	4.5 P	
			6		
			9		11.1
		-10	13	4.5 P	
	607.80				
Hard, dark grayish Brown (10YR 4/2) SILTY CLAY, trace gravel, medium plasticity, moist			4		
			6		18.4
			7	4.0 P	
	605.30				
Very stiff, very dark grayish Brown (10YR 3/2) SILTY CLAY, trace gravel, medium plasticity, moist			4		
			5		18.6
		-15	7	2.8 P	
			6		
			4		18.6
			7	2.5 P	
	600.30				
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			4		
			5		19.1
		-20	8	2.5	

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)* Hard			5	P	
			7		19.2
			9	4.0 P	
Very stiff, no gravel			3		
			5		19.7
		-25	7	3.5 P	
			3		
			4		20.2
			5	3.5 P	
	590.30				
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, medium plasticity, moist			2		
			4		21.3
	588.30	-30	5	2.0 P	
End of boring at 30'. Boring backfilled with soil cuttings.					
		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

BBS, from 137 (Rev. 8-99)

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SOIL BORING LOG

Page 1 of 1

Date 4/18/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120456.7; N: 1911562.2

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 03-03
Station 724+46
Offset 7.50ft RT
Ground Surface Elev. 616.60 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 607.6 ft ▼
Upon Completion 611.1 ft ▽
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL (6")	616.10				
Very stiff, very dark Brown (10YR 2/2) SILTY CLAY, trace gravel, medium plasticity, moist			4		
			4		23.8
			6	2.5 P	
Stiff, dark yellowish Brown (10YR 3/4) SILTY CLAY, medium plasticity, moist	613.60				
			2		
			2		27.6
		-5	2	1.5 P	
	611.10 ▽				
Medium stiff, Brown (10YR 4/3) CLAY, medium plasticity, moist			1		
			2		33.7
			2	0.5 P	
	608.60				
Very soft, dark yellowish Brown (10YR 4/6) CLAY, low plasticity, moist			1		
	607.27 ▼		1		32.9
Very loose, dark yellowish Brown (10YR 4/6) fine SAND, trace gravel, wet		-10	2	<0.25 P	
Free water at 9'.	606.10				
Very loose, dark yellowish Brown (10YR 4/6) coarse to fine SAND, wet			1		
			1		23.7
			2		
			1		
Loose			1		15.3
		-15	4		
	601.10				
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			3		
			6		19.7
			7	3.0 P	
			3		
			4		19.8
		-20	8	3.8	

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)*			3	P	
			6		20.9
			9	2.5 P	
			3		
			6		22.5
		-25	8	2.5 P	
no gravel			4		
			7		23.7
			9	2.5 P	
	588.60				
Medium dense, dark Gray (10YR 4/1) SILTY LOAM, low plasticity, moist			5		
			10		24.3
	586.60	-30	12		
End of boring at 30'. Boring backfilled with soil cuttings.					
		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: pw:\\terraeng-pw.bentley.com:terraeng-pw-01\Documents\Projects\2025\25-152 Des Plaines Trail - Seg 7\Design100 - Drawings\110 - SH109 - Structures\25152- SH109- Soil Borings .dgn

TERRA ENGINEERING LTD.	USER NAME = AlexisF	DESIGNED - DC	REVISED -
		DRAWN - LR	REVISED -
	PLOT SCALE = 2.0000 ' / in.	CHECKED - DC	REVISED -
	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
SOIL BORINGS

SCALE: SHEET 14 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	77
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

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SOIL BORING LOG

Page 1 of 1

Date 4/17/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120436.4; N: 1911351.2

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 03-04
Station 722+35
Offset 9.40ft RT
Ground Surface Elev. 617.10 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 611.1 ft
Upon Completion 610.1 ft
After 24 Hrs. 612.1 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL (6")	616.60				
Hard, dark Brown (10YR 3/3) SILTY CLAY, medium plasticity, moist			6		
			6		23.6
			5	4.0 P	
	614.10				
Very loose, dark yellowish Brown (10YR 3/4) fine SANDY LOAM, moist			1		
			1		24.7
		-5	1		
	611.60				
Very soft, dark yellowish Brown (10YR 4/6) SANDY CLAY, low plasticity, wet			0		
Free water at 6'.			0		28.0
			0	<0.25 P	
	609.10				
Very loose, dark yellowish Brown (10YR 4/4) fine SANDY LOAM, wet			0		
			1		24.1
		-10	1		
	606.60				
Medium dense, dark yellowish Brown (10YR 4/4) fine SAND, wet			2		
			4		19.6
			8		
	602.93				
Hard, dark yellowish Brown (10YR 4/4) SILTY CLAY, medium plasticity, moist			4		
			7		24.3
		-15	9	4.5 P	
	601.60				
No recovery			2		
			0		
			0		
	599.10				
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			3		
			5		20.2
		-20	8	2.3	
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)*				P	
			5		
			8		21.5
			7	2.5 P	
			4		
			8		20.7
		-25	10	3.0 P	
	591.60				
Medium dense, dark Gray (10YR 4/1) SILT, moist LL=21%, PI=2%			4		
			9		21.5
			8		
			4		
			8		28.6
	587.10	-30	8		
End of boring at 30'. Boring backfilled with soil cuttings.		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

BBS, from 137 (Rev. 8-99)

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SOIL BORING LOG

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Date 4/17/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120383.5; N: 1911147.9

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 03-05
Station 720+26
Offset 10.00ft RT
Ground Surface Elev. 617.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 608.8 ft
Upon Completion 611.3 ft
After 24 Hrs. 611.1 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LIMESTONE SCREENINGS (4")	616.97				
Stiff, very dark Brown (10YR 2/2) SILTY CLAY, medium plasticity, moist			3		
			4		26.5
			3	1.5 P	
	614.30				
Very loose, dark Brown (10YR 3/3) fine SANDY LOAM, moist			1		
			2		18.9
		-5	1		
	611.80				
Very loose, dark yellowish Brown (10YR 4/4) fine SANDY LOAM, moist			1		
			1		24.7
			1		
Wet			0		
Free water at 8.5'			0		24.3
		-10	0		
	606.80				
Medium dense, dark yellowish Brown (10YR 4/4) fine SAND, wet MC = 21.4%			6		
	605.30		4		23.2
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			4	2.5 P	
			2		
			5		19.0
		-15	8	3.0 P	
Hard			4		
			7		19.7
			11	4.3 P	
Very stiff			4		
			7		20.1
		-20	10	3.5	
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)*				P	
			4		
			7		20.9
			9	3.5 P	
	594.30				
Very stiff, dark Gray (10YR 4/1) CLAY, high plasticity, moist			3		
			5		21.5
		-25	8	2.5 P	
	591.80				
Dense, dark Gray (10YR 4/1) SILT, moist			9		
			13		19.5
			15		
Medium dense			3		
			4		19.0
	587.30	-30	8		
End of boring at 30'. Boring backfilled with soil cuttings.		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

BBS, from 137 (Rev. 8-99)

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SOIL BORING LOG

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Date 4/17/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120352.8; N: 1910936.6

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 03-06
Station 718+06
Offset 6.80ft RT
Ground Surface Elev. 617.60 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 606.6 ft
Upon Completion 609.6 ft
After 24 Hrs. 611.4 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LIMESTONE SCREENINGS (4")	617.27				
Stiff, very dark grayish Brown (10YR 3/2) SILTY CLAY, medium plasticity, moist			3		
			4		26.4
			4	1.5 P	
Trace gravel			2		
			4		27.8
		-5	4	1.5 P	
	612.10				
Very soft, Brown (10YR 4/3) SANDY CLAY, low plasticity, moist			1		
			2		24.4
			1	<0.25 P	
	609.60				
Very loose, Brown (10YR 4/3) fine SANDY LOAM, moist			1		
			1		22.3
		-10	2		
	607.10				
Medium dense, Brown (10YR 4/3) coarse to fine SANDY LOAM and GRAVEL, wet Free water at 10.5'			3		
			6		12.7
			6		
			6		
			12		11.7
		-15	9		
	602.10				
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			3		
			4		21.7
			6	2.0 P	
			4		
			5		21.3
		-20	6	2.5	
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)* Hard				P	
			5		
			9		21.0
			11	4.3 P	
			5		
			9		19.6
		-25	13	4.5 P	
	592.10				
Medium dense, dark Gray (10YR 4/1) SILT, moist			9		
			16		16.5
			13		
	589.60				
Hard, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist	589.02		8		
			12		13.9
Medium dense, dark Gray (10YR 4/1) CLAY LOAM and GRAVEL, wet	587.60	-30	14	4.5 P	
End of boring at 30'. Boring backfilled with soil cuttings.		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

BBS, from 137 (Rev. 8-99)

MODEL: Default
FILE NAME: pw:\\terraeng-pw.bentley.com:terraeng-pw-01\Documents\Projects\2025\25-152 Des Plaines Trail - Seg 7\Design\100 - Drawings\110 - SHT\09 - Structures\25152- SHT-015- Soil Borings 2

TERRA ENGINEERING LTD.

USER NAME = AlexisF	DESIGNED - DC	REVISED -	
	DRAWN - LR	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - DC	REVISED -	
PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
SOIL BORINGS

SCALE: SHEET 15 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	78
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

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SOIL BORING LOG

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Date 4/17/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120416.1; N: 1910737.4

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 03-07
Station 715+98
Offset 8.40ft RT
Ground Surface Elev. 619.20 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 606.2 ft ▼
Upon Completion 610.9 ft ▽
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LIMESTONE SCREENINGS (8")	618.53				
Very stiff, dark yellowish Brown (10YR 4/4) SILTY CLAY, trace gravel, medium plasticity, moist			6		
			4		13.0
			5	2.5 P	
	616.20				
Very stiff, very dark Brown (10YR 2/2) SILTY CLAY LOAM, medium plasticity, moist			3		
			3		31.6
		-5	6	2.0 P	
Very soft			2		
			1		34.4
			1	0.3 P	
	611.20				
Very loose, dark grayish Brown (10YR 4/2) fine SANDY LOAM, moist			1		
			1		22.7
		-10	1	0.3 P	
	608.70				
Very soft, Brown (10YR 4/3) SANDY CLAY LOAM, low plasticity, moist			1		
			1		23.6
			1	0.3 P	
	606.20				
Medium stiff, very dark Gray (10YR 3/1) SILTY CLAY LOAM, trace gravel, wet Free water at 13.5'.			1		
			2		48.2
		-15	8	0.5 P	
	603.70				
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			5		
			7		21.3
			9	3.0 P	
Hard			4		
			5		20.4
		-20	9	4.0	
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)*				P	
			6		
			7		21.6
			12	4.0 P	
Very stiff			5		
			7		13.9
		-25	8	3.3 P	
	593.70				
Medium dense, dark Gray (10YR 4/1) SILT, moist			9		
			14		18.4
			15		
	589.20	-30			
			11		20.9
			15		
End of boring at 30'. Boring backfilled with soil cuttings.		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

BBS, from 137 (Rev. 8-99)

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SOIL BORING LOG

Page 1 of 1

Date 4/16/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120529.4; N: 1911471.0

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 04-01
Station 70+84
Offset 0.90ft LT
Ground Surface Elev. 615.40 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 607.4 ft ▼
Upon Completion 611.4 ft ▽
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LIMESTONE SCREENINGS (3")	615.15		5		
Medium stiff, very dark Brown (10YR 2/2) SILTY CLAY, medium plasticity, moist			4		15.6
			4		
			3		
			2		
			3		30.4
			6	0.5	
	611.40		5	P	
Stiff, dark yellowish Brown (10YR 3/4) SILTY CLAY, medium plasticity, moist			3		
		-5	3		26.1
			4	1.0	
			4	P	
Very soft			1		
			1		30.3
			1	<0.25	
	607.40		1	P	
Very loose, dark yellowish Brown (10YR 3/4) coarse to fine SAND, trace GRAVEL, wet Free water at 8'.			0		
			0		22.2
		-10	1		
			1		
			1		22.0
			1		
			2		
Loose			2		
	602.73				
Very stiff, dark Gray (10YR 4/1) SANDY CLAY, trace gravel, medium plasticity, moist			3		27.1
			4	2.0	
	601.40		4	P	
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			2		
		-15	3		21.0
			4	2.5	
			7	P	
			3		
			5		20.6
			8	2.0	
			9	P	
			2		
			4		21.8
			5	2.0	
	595.40	-20	8	P	
Stiff, dark Gray (10YR 4/1) CLAY, high plasticity, moist			2		
			4		22.5
			6	1.0	
			8	P	
Very stiff			3		
			5		24.0
			6	2.0	
			8	P	
			2		
		-25	4		22.8
			6	3.0	
	589.40		6	P	
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, medium plasticity, moist			3		
			7		22.7
			7	2.5	
			9	P	
Medium stiff			2		
			5		22.2
			7	0.8	
	585.40	-30	7	P	
End of boring at 30'. Boring backfilled with soil cuttings.		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

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SOIL BORING LOG

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Date 4/16/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120744.8; N: 1911419.9

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 04-02
Station 73+05
Offset 1.70ft LT
Ground Surface Elev. 615.50 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 605.5 ft ▼
Upon Completion 610.5 ft ▽
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
GRAVEL (5")	615.08		5		
Very stiff, very dark grayish Brown (10YR 3/2) SILTY CLAY, medium plasticity, moist			4		14.9
			4	2.0	
	613.50		5	P	
Very stiff, Black (10YR 2/1) SILTY CLAY LOAM, trace organics, medium plasticity, moist Organic Content = 4.2%			3		
			4		31.0
			5	2.0	
	611.50		5	P	
Stiff, dark Brown (10YR 3/3) SILTY CLAY, medium plasticity, moist			2		
		-5	2		25.5
			4	1.0	
	609.50		3	P	
Medium stiff, dark yellowish Brown (10YR 3/6) SILTY CLAY, medium plasticity, moist			1		
			2		31.7
			2	0.5	
	607.50		2	P	
Medium stiff, dark yellowish Brown (10YR 4/4) SILTY CLAY, medium plasticity, moist			1		
			1		35.4
			2		
	605.83		1		
Loose, dark yellowish Brown (10YR 4/4) fine SANDY LOAM, trace GRAVEL, wet MC=20.0%		▼-10	1		
			1		22.0
			3		
			4		
			2		
			2		20.8
			4		
			4		
			2		
		-15	2		19.3
			3		
	599.50		2		
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			3		
			5		22.3
			7	2.0	
			8	P	
Stiff			2		
			2		23.1
			5	1.5	
		-20	5	P	
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)*			3		
			4		22.5
			5	1.0	
			7	P	
			2		
			3		25.9
			5	1.5	
			4	P	
			3		
		-25	3		24.9
			6	1.0	
			5	P	
			4		
			4		24.6
			7	1.5	
			7	P	
			4		
			7		22.1
			9	1.0	
	585.50	-30	10	P	
End of boring at 30'. Boring backfilled with soil cuttings.		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

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	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
SOIL BORINGS

SCALE: SHEET 16 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	79
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

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SOIL BORING LOG

Page 1 of 1

Date 4/16/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1120961.4; N: 1911432.2

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 04-03
Station 75+23
Offset 1.60ft LT
Ground Surface Elev. 616.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 610.3 ft ▼
Upon Completion 597.3 ft ▽
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LIMESTONE SCREENINGS (3")	616.05		3		
Very stiff, Black (10YR 2/1) SILTY CLAY LOAM, trace organics, low plasticity, moist	614.30		4 4 5	2.0 P	27.4
Stiff, dark yellowish Brown (10YR 3/4) SILTY CLAY, medium plasticity, moist	612.30		3 4 4 4	1.5 P	22.6
Stiff, Brown (10YR 4/3) SILTY CLAY, medium plasticity, moist		-5	2 2 2	1.0 P	23.7
Hard, trace gravel	608.30		6 8 13 9	4.5 P	19.8
Hard, dark grayish Brown (10YR 4/2) SILTY CLAY, trace gravel, medium plasticity, moist	606.30	-10	4 10 12 16	4.5 P	18.0
Hard, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			6 11 14 14	4.0 P	18.0
Very stiff			4 6 9 10	3.0 P	19.2
		-15	4 6 8 8	3.0 P	21.6
			4 8 9 11	3.3 P	19.8
			5 8 13 12	3.0 P	17.4
		-20			
Hard, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)*	592.30		4 6 11 12	3.0 P	18.4
			5 5 7 6	2.0 P	20.9
Medium dense, dark Gray (10YR 4/1) SILTY LOAM, low plasticity, moist		-25	4 14 14 12		19.3
			5 7 8 8		21.1
4" sand & gravel seam at 29'	586.30	-30	4 8 11 8		14.2
End of boring at 30'. Boring backfilled with soil cuttings.		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

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SOIL BORING LOG

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Date 4/16/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1121178.0; N: 1911433.2

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 04-04
Station 77+40
Offset 2.50ft LT
Ground Surface Elev. 615.60 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 607.6 ft ▼
Upon Completion 606.6 ft ▽
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LIMESTONE SCREENINGS (4")	615.27		3		
Stiff, very dark Brown (10YR 2/2) SILTY CLAY LOAM, trace organics, low plasticity, moist	613.60		3 4 4	1.0 P	29.0
Very stiff, dark yellowish Brown (10YR 4/4) SILTY CLAY, medium plasticity, moist	611.60		3 5 6 7	2.5 P	21.7
Stiff, Brown (10YR 4/3) SILTY CLAY, trace gravel, medium plasticity, moist		-5	3 5 8	1.0 P	21.7
Very stiff			3 4 7 7	2.0 P	24.2
			3 6 7 10	3.5 P	21.0
Very stiff, dark grayish Brown (10YR 4/2) SILTY CLAY, medium plasticity, moist	603.60		5 6 9 12	3.0 P	17.5
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			4 5 10 12	2.3 P	19.9
Hard		-15	4 3 8 9	4.0 P	19.6
Stiff			3 7 8 9	1.8 P	19.3
Very stiff			3 6 8 10	2.5 P	20.1
		-20			
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)* Stiff			3 7 9 10	1.8 P	21.1
Very stiff	591.60		4 5 10 16	2.5 P	20.2
Medium dense, dark Gray (10YR 4/1) SILT, moist	589.60	-25	10 14 14 9		17.6
Medium dense, dark Gray (10YR 4/1) SILTY LOAM, low plasticity, moist			5 7 10 10		20.8
	585.60	-30	5 7 9 11		20.5
End of boring at 30'. Boring backfilled with soil cuttings.		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

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SOIL BORING LOG

Page 1 of 1

Date 4/15/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E:1121390.5; N: 1911410.1

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 04-05
Station 79+65
Offset 1.40ft LT
Ground Surface Elev. 613.60 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 604.6 ft ▼
Upon Completion 605.1 ft ▽
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LIMESTONE SCREENINGS (4")	613.27		4		
Medium stiff, black (10YR 2/1) SILTY CLAY LOAM, trace organics, low plasticity, moist	611.60		4 4 4	0.8 P	16.4
Medium stiff, very dark Brown (10YR 2/2) SILTY CLAY LOAM, trace gravel, trace organics, low plasticity, moist Organic Content = 4.36%	609.60		2 2 2 4	0.5 P	36.1
Medium stiff, very dark grayish Brown (10YR 3/2) SILTY CLAY, medium plasticity, moist		-5	1 2 3 3	0.5 P	23.7
Stiff			3 1 1 3	1.0 P	30.9 22.7
	603.60	-10	3		
Very stiff, Brown (10YR 4/3) SILTY CLAY, trace gravel, medium plasticity, moist	601.60		3 6 6 8	3.0 P	13.2
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			4 6 9 9	2.5 P	20.3
		-15	2 6 8 10	3.0 P	37.4
Hard			4 9 12 12	4.5 P	19.8
			4 9 12 12	4.0 P	20.0
		-20			
Very stiff, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist *(continued)* Very stiff	591.60		5 10 14 7	3.0 P	21.7
Dense, dark Gray (10YR 4/1) SILT, moist			12 18 21 20		19.3
		-25	4 15 16 15		19.4
			10 14 16 16		18.9
			8 15 14 17		19.1
	583.60	-30			
End of boring at 30'. Boring backfilled with soil cuttings.		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

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DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
SOIL BORINGS

SCALE: SHEET 17 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	80
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

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SOIL BORING LOG

Date 4/15/25

ROUTE Des Plaines River Trail DESCRIPTION Boardwalk Boring LOGGED BY Quaye

SECTION n/a LOCATION E: 1121586.9; N: 1911356.5

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-57 (Auto Efficiency 84%)

STRUCT. NO. n/a
Station n/a

BORING NO. 04-06
Station 81+79
Offset 2.70ft LT
Ground Surface Elev. 620.40 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 608.4 ft
Upon Completion 613.7 ft
After - Hrs. Filled ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LIMESTONE SCREENINGS(5")	619.98		4		
Hard, Brown (10YR 4/3) SILTY CLAY, trace gravel, medium plasticity, moist			4		18.9
			5	4.0	
			7	P	
			5		
			11		17.9
			16	4.5	
			17	P	
	616.40				
Medium dense, dark grayish Brown (10YR 4/2) SANDY CLAY, trace gravel, moist	615.57		5		
		-5	8		14.4
			11	4.5	
			14	P	
Hard, dark grayish Brown (10YR 4/2) SILTY CLAY, trace gravel, medium plasticity, moist	614.40		6		
Hard, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist			10		13.8
			12	4.5	
			8	P	
			4		
			5		17.6
			10	4.5	
		-10	12	P	
Very stiff			3		
	609.40		7		14.6
Medium dense, dark Gray (10YR 4/1) coarse to fine SANDY LOAM, trace gravel, moist	608.40		14	3.8	
			10	P	
Hard, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist Free water at 12'.			6		
			10		15.3
			11	4.5	
			12	P	
			4		
		-15	10		15.1
			14	4.5	
			12	P	
			7		
			9		17.8
			10	4.5	
			15	P	
			6		
			10		12.3
			11	4.5	
		-20	10	P	

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard, dark Gray (10YR 4/1) SILTY CLAY, trace gravel, medium plasticity, moist Free water at 12'. *(continued)*			5		
			9		14.5
			12	4.0	
			9	P	
			6		
			11		17.4
			15	4.5	
			11	P	
Very stiff			5		
		-25	6		17.5
			11	3.8	
			11	P	
	593.90		12		
Medium dense, dark Gray (10YR 4/1) SILTY LOAM, moist			13		17.6
			13		
			12		
Dense			3		
			5		17.8
			19		
	590.40	-30	20		
End of boring at 30'. Boring backfilled with soil cuttings.					
		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

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DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
SOIL BORINGS

SCALE: SHEET 18 OF 18 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	81
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

RIPARIAN MITIGATION PLAN
Segment 7 – Des Plaines River Trail Improvement Project
Forest Preserves of Cook County, Cook County, IL

Revised June 22, 2026
March 20, 2026

Native Planting and Seeding
Riparian Area Mitigation Plan Performance Standards and Specifications

The property owner, Forest Preserves of Cook County, will be responsible for completing the riparian mitigation plan, including the grading and landscaping plan and implementing a monitoring and management plan for establishing the native vegetation areas within the proposed riparian area in Cook County, Illinois.

As required in the MWRD Ordinance, the riparian mitigation area requires routine monitoring and maintenance to arrive at a successful outcome and the maintenance and monitoring activities are described below.

A minimum of three (3) years of maintenance and monitoring will be provided by the applicant from the time of planting. Monitoring reports will be submitted to MWRD by January 31st following each seasonal monitoring.

General Landscape Requirements

1. All plants and seed specified, except temporary cover crop, shall be native to the North Central Region of the United States.
2. Cover Crop: Seed Oats.
3. Native Seed Mixes: Nursery providing seed mix must be from within 150 miles of the project site.
4. No horticultural varieties shall be used. All native plant materials shall be straight species.

Installation Requirements

Areas to be planted with native species shall conform to the following requirements to insure establishment.

1. Planting areas shall have at least 6 inches of clean un-compacted topsoil. If determined to be necessary by the Engineer, soil shall be tilled to a depth of at least 6 inches to reduce compaction within the planting areas.

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2. Cover crop may be planted immediately after grading to prevent erosion if conditions are not conducive for native species seeding. Permanent native species shall be planted during the first available growing season at the appropriate time and conditions for such plantings.

Compliance & Final Acceptance of Planting

The maintenance and monitoring period will be on-going in perpetuity by the Forest Preserves of Cook County and until acceptance of the Riparian Mitigation Area by the Metropolitan Water Reclamation District of Greater Chicago (MWRD) or it's designated representative. If areas have not reached acceptance, meetings shall be held to determine the future course of action. The course of action can either be continued maintenance and monitoring of the areas or additional planting, enhancements and restoration of the areas.

Requirements

1. A minimum of three (3) years of maintenance and monitoring will be provided by the applicant from the time of planting and the Applicant shall notify the MWRD upon completion of plantings.
2. The Owner's Environmental Specialist shall inspect the plantings upon completion of all maintenance procedures and notify the MWRD of any remedial actions taken.
3. Plantings shall meet the following minimum annual performance criteria. Areas which do not meet annual establishment standards as confirmed by the MWRD shall be replanted and/or managed. Cover refers to uniform coverage within any square yard area.

a) First and Second full growing seasons:
- 90% cover of cover crop established.
- No bare areas (<10 percent vegetative cover) greater than three (3) square feet.
- Invasive species control measures approved in the plan.

b) Third and Fourth full growing seasons:
- Full vegetative cover.
- At least 50% of vegetation cover/coverage shall be native, non-invasive species.
- Invasive species control measures approved in the plan.
- There shall be no bare areas greater than 3 square feet.

c) Fifth full growing season:
- Full vegetative cover.
- Invasive species control measures approved in the plan.
- None of the three most dominant species may be non-native or invasive.

d) Invasive and non-native species, and non-native woody plant species not specified as part of the planting plan, shall be controlled by appropriate management practices. Invasive species for the purposes of this manual shall include, but not be limited too, the following:

Cirsium arvense	Canada Thistle
Dipsacus laciniatus	Cut-leaved Teasel
Dipsacus sylvestris	Common Teasel
Lythrum salicaria	Purple Loosestrife

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Melilotus sp.	Sweet Clover
Phalaris arundinacea	Reed Canary Grass
Polygonum cuspidatum	Japanese Knotweed
Rhamnus cathartica	Common Buckthorn
Rhamnus frangula	Glossy Buckthorn

4. Annual monitoring shall be performed until final acceptance by the MWRD. Springtime or fall monitoring is acceptable. Springtime monitoring shall occur in late May/June; fall monitoring shall occur in August, September, or early October. Monitoring will involve meander surveys, and photo-documentation of the riparian mitigation area. Meander survey methodology will identify the following:
   a. all plant species (native and non-native) in each zone,
   b. the three most dominant species within each planting zone,
   c. the percent survival of installed species,
   d. the approximate percent ground cover by native species per zone,
   e. the percent ground cover by non-native or invasive species per zone,
   f. erosion and sedimentation problems,
   g. water level or drainage problems,
   h. areas larger than 3 square feet that are devoid of vegetation (i.e., less than 10 percent vegetative cover), and
   i. observations on specific management strategies necessary to achieve acceptance requirements.
5. Should the performance criteria not be met within the allotted time, the regulatory agencies shall require that the area be replanted and/or a remedial action plan be submitted for approval.
6. Monitoring reports will be submitted to MWRD by January 31st following each seasonal monitoring.

Maintenance Requirements

Maintenance shall be completed until following final acceptance of the riparian mitigation area by the MWRD.

1) Application of herbicide to control weedy or invasive species will be completed to control weeds and invasive species. A certified and licensed pesticide applicator shall select herbicide, which is non-toxic to animal and aquatic life, and shall apply the herbicide by the appropriate method, to prevent killing of desirable native species.
2) High mowing will be completed as needed the first growing season following seeding to minimize growth of weedy or invasive species. Mowing may also be completed in year 2 and 3 as a surrogate to prescribed burning if weather prevents a burn from occurring.

Yearly Adaptive Best Management Practices Program

Plan:

- Identify management issues (e.g. weed infestations)

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- Identify management goals (e.g. weeds managed, native seeding)
- Determine management strategies available (e.g. herbicide, hand pulling, burning)
- Select appropriate management action (e.g. hand removal)
- Determine what will be monitored and how (e.g. establish a fixed point in field)
- Determine how change and success will be evaluated (e.g. absence of weeds one month or one year after removal)

Do:

- Carry out action (e.g. remove weeds)

Monitor:

- Monitor results (e.g. revisit site to determine success of activities)

Review:

- Assess previous management strategy and modify plan as necessary to adapt to current site conditions

Return to Planning – begin again, **Adapt** to new site conditions.

The activities completed shall conform to the following:

- Conform to all applicable state and federal regulations and herbicide label directions controlling the loading, mixing, use, storage, and containment of herbicides
- Use only compounds registered and approved by EPA and IEPA.
- Use a Certified Pesticide Applicator to conduct all herbicide applications.
- Complete spray operations when meteorological conditions are favorable.
- Use the lowest pressure, largest droplet size, and largest volume of water permitted by the herbicide label to obtain adequate treatment success.
- Choose the most effective herbicide that requires the least number of applications.
- Choose the lowest effective rate of application.
- Use only those herbicides with aquatic labeling within no-spray buffer areas around water courses, when necessary.
- Inspect and maintain herbicide application equipment.

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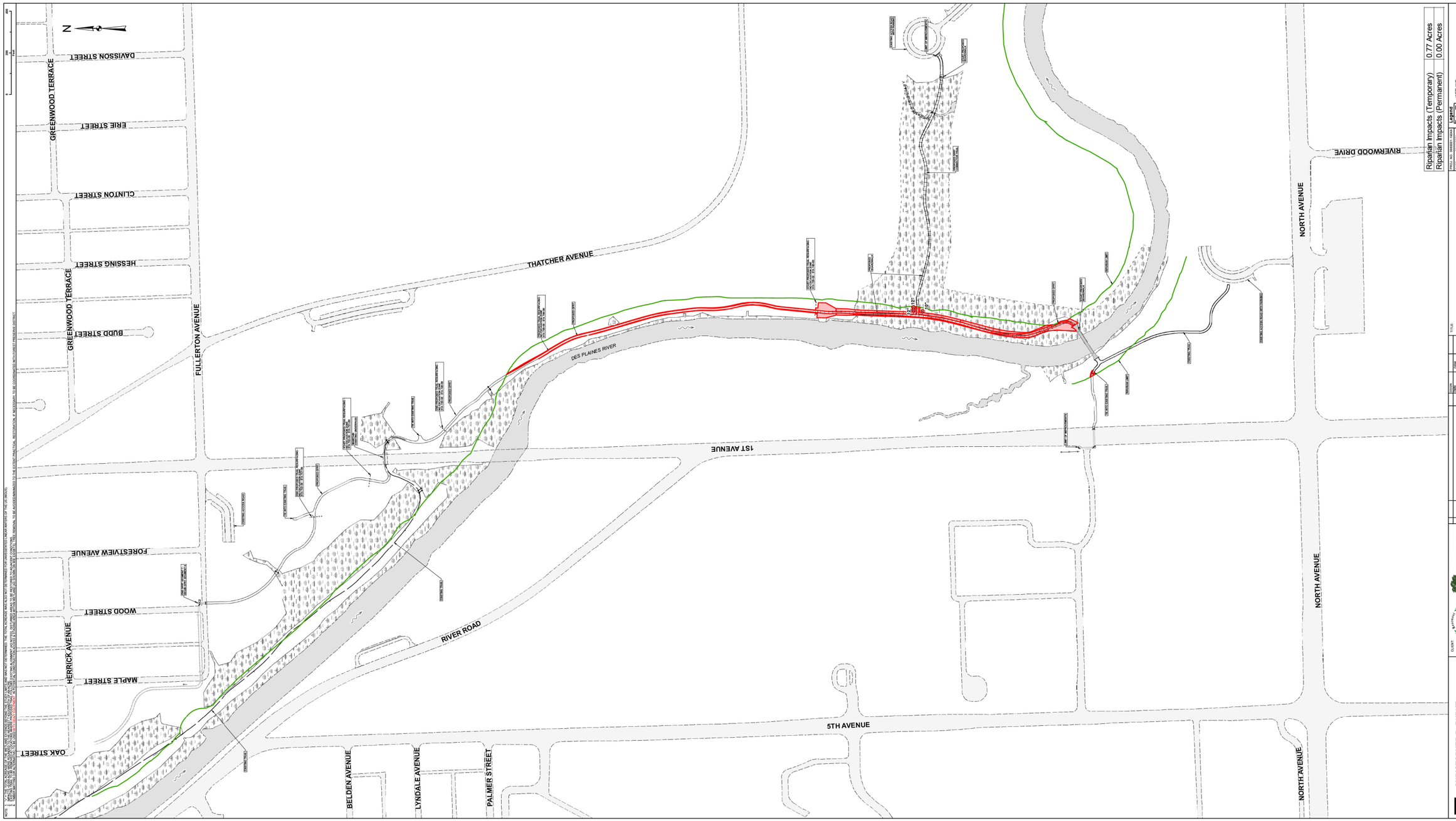
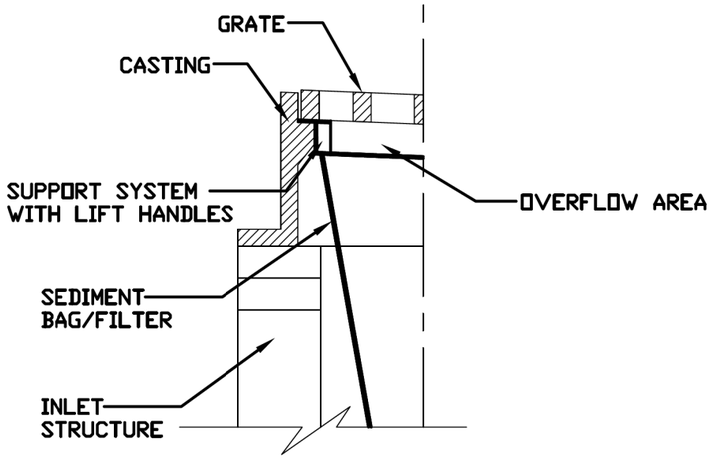
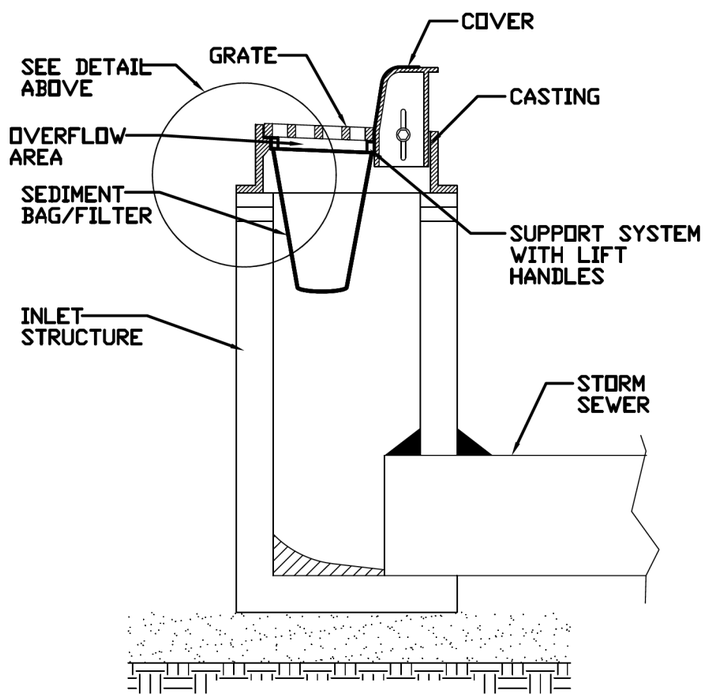
9575 W Higgins Road, Suite 600 Rosemont, Illinois 60018-4920 Tel (847) 823-0500 Fax (847) 823-0520



FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL – SEGMENT 7 RIPARIAN MITIGATION PLAN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\RiverGrove\240624\Civil\RIP_240624_03	SHT	DRAWN -	REVISED -			N/A	19-00037-02-BT	COOK	112	84
	PLOT SCALE = 40'	CHECKED -	REVISED -			CONTRACT NO. 61M58				
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -		SCALE: 1:40 SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				

INLET PROTECTION - PAVED AREAS
DROP-IN PROTECTION

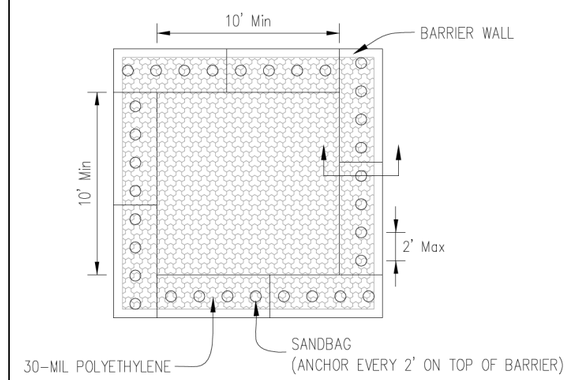




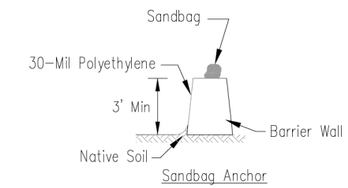
REFERENCE		STANDARD DWG. NO.
Project		IUM-561D
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 01-11-11
Approved	Date	

INLET FILTERS

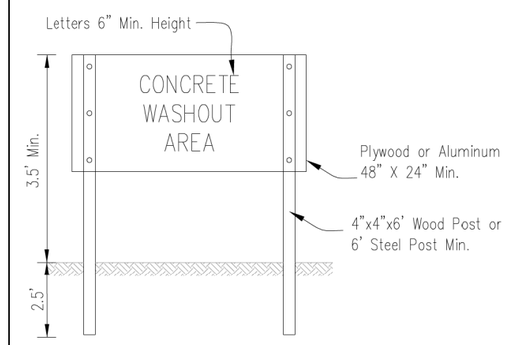
AUTOCAD2006



PLAN VIEW



BARRIER WALL ANCHOR SECTION



SIGN DETAIL

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

Sheet 3 of 3	Drawing No.	File No. IUM-549RW	TEMPORARY CONCRETE WASHOUT FACILITY – BARRIER WALL	Designed	Date
				Drawn B. JOHNSON	6/08
				Checked	
				Approved	

WASHOUT BASIN

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\RiverGrove\240624\Civil\DET_240624_01.SHT		DRAWN -	REVISED -
	PLOT SCALE = 40'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

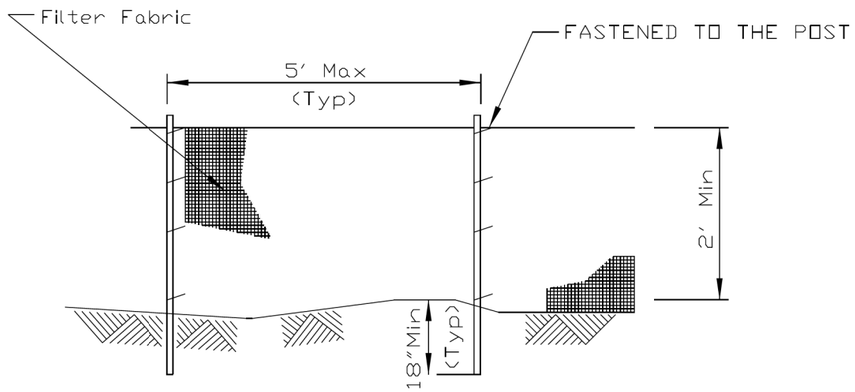
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
CONSTRUCTION DETAILS

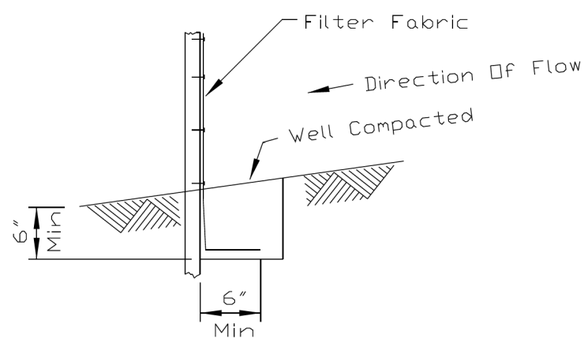
SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	85
		CONTRACT NO. 61M58		
	ILLINOIS FED. AID PROJECT			

SILT FENCE PLAN



ELEVATION



FABRIC ANCHOR DETAIL

NOTES:

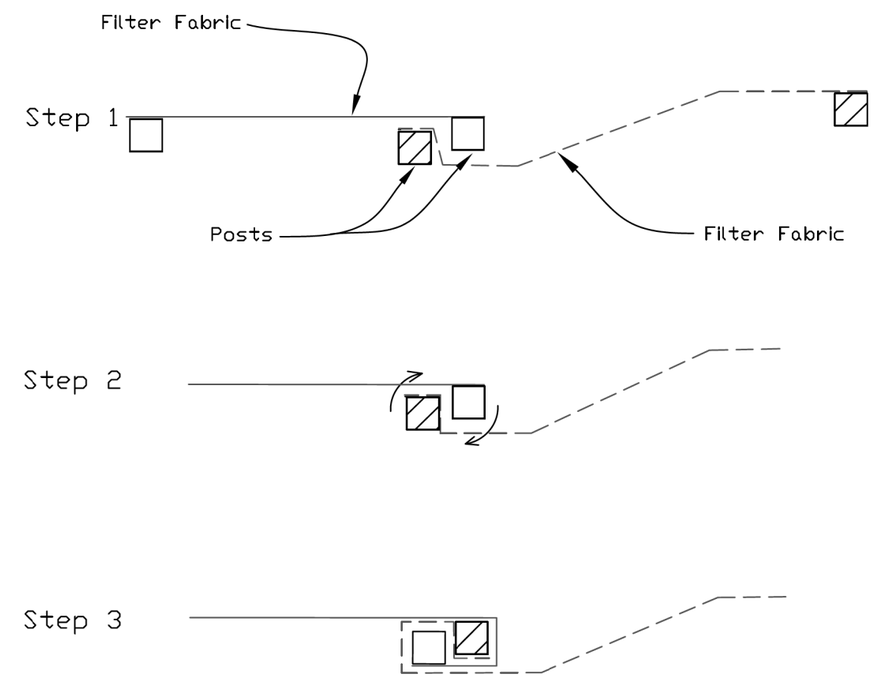
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1, Class 2.
3. Fence posts shall be either standard steel post or wood post 2" X 2" nominal.

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

STANDARD DWG. NO.
IUM-620A
SHEET 1 OF 2
DATE 04-15-2021

PERIMETER EROSION BARRIER

SILT FENCE - SPLICING TWO FENCES



ATTACHING TWO SILT FENCES

1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
4. Drive both posts a minimum of 18 inches into the ground and bury the flap.
5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

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

STANDARD DWG. NO.
IUM-620B(W)
SHEET 1 OF 1
DATE 3-16-2012

FILE NAME = N:\RiverGrove\240624\Civil\DET_240624_02.SHT	USER NAME = mthomas	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
CONSTRUCTION DETAILS

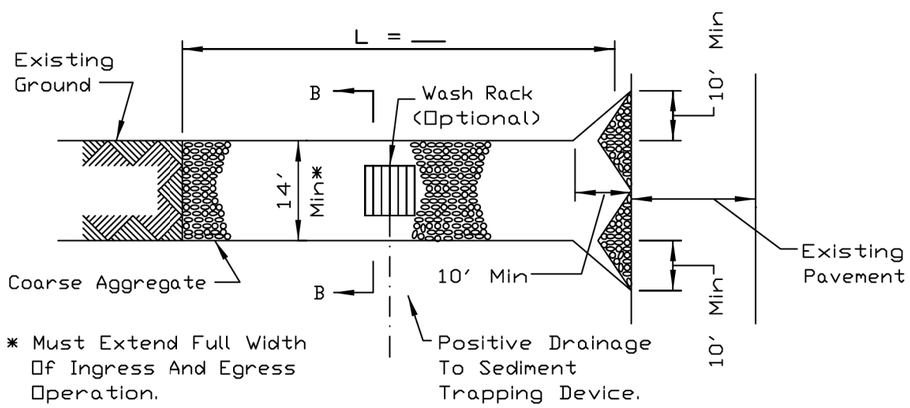
SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	86

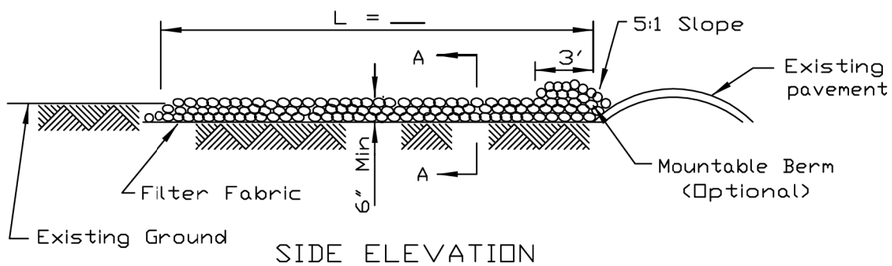
CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



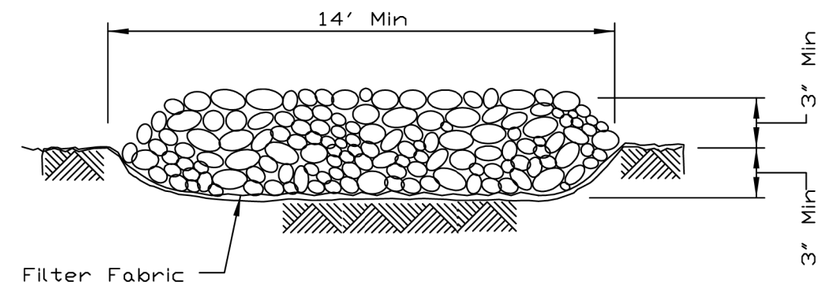
SIDE ELEVATION

NOTES:

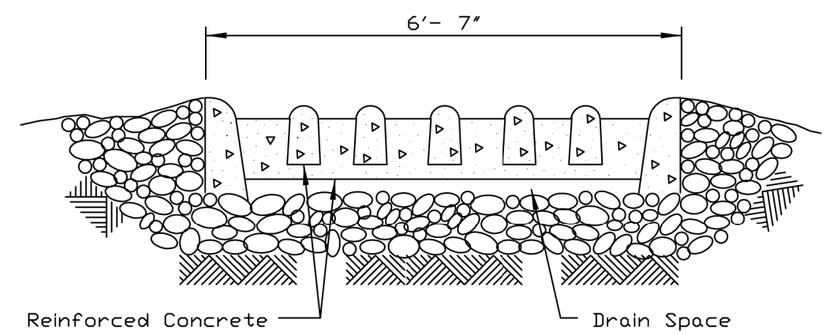
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE		STANDARD DWG. NO.
Project _____	NRCS Natural Resources Conservation Service	IL-630
Designed _____ Date _____		SHEET 1 OF 2
Checked _____ Date _____		DATE 8-18-94
Approved _____ Date _____		

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A



SECTION B-B

REFERENCE		STANDARD DWG. NO.
Project _____	NRCS Natural Resources Conservation Service	IL-630
Designed _____ Date _____		SHEET 2 OF 2
Checked _____ Date _____		DATE 8-18-94
Approved _____ Date _____		

FILE NAME = N:\RiverGrove\240624\Civil\DET_240624_03.SHT	USER NAME = mthomas	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40′	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

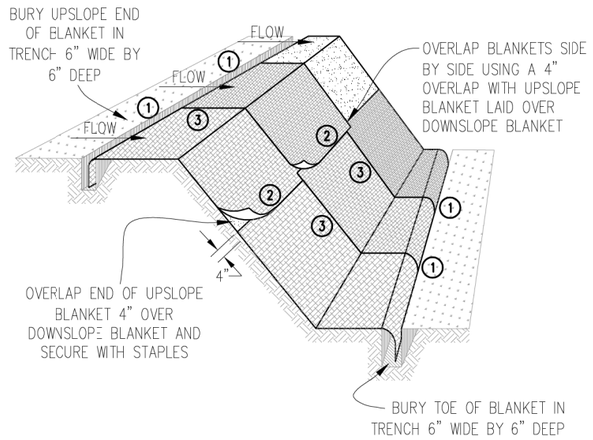
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

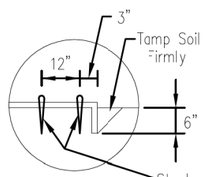
DES PLAINES RIVER TRAIL – SEGMENT 7
CONSTRUCTION DETAILS

SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	87
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

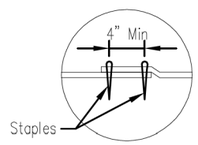
AUTOCAD2006





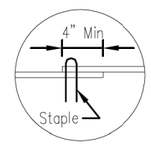
Anchor Slot

DETAIL 1



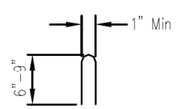
Single Joint

DETAIL 2

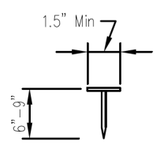


Parallel Overlaps

DETAIL 3



STAPLE DETAIL



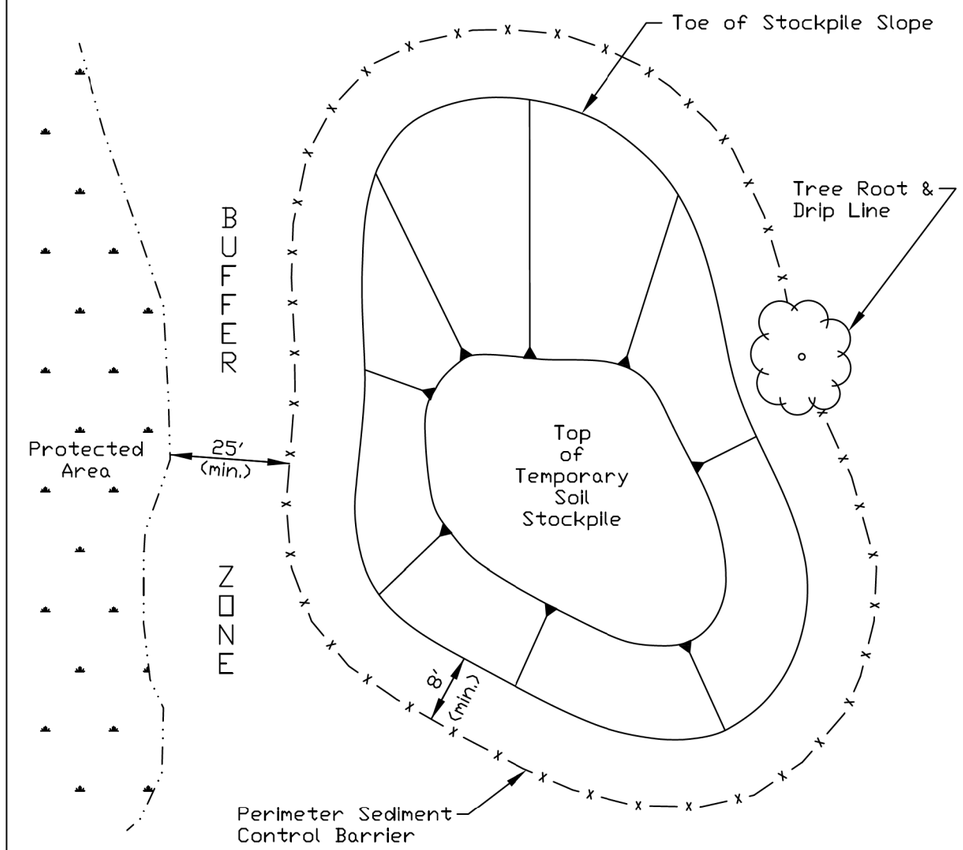
PUSH PIN DETAIL

NOTES:

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

Sheet 1 of 1	Drawing No.	File No. IUM-530	EROSION CONTROL BLANKET INSTALLATION DETAILS	Designed	Date
				Drawn B. JOHNSON	11/08
				Checked	
				Approved	

TEMPORARY SOIL STOCKPILE DETAIL



NOTES:

1. Stockpile slopes should be based on angle of repose of the soil material to avoid potential sloughing of the slope.
2. Soil stockpile to be stabilized in accordance with practical standards.
3. Do not locate stockpile within overland drainage flow path, designated floodways, drip line or over the root crown of adjacent trees.
4. Provisions for sediment control practices may be required along haul roads and entrance/exit locations for access the soil stockpile that can create flow path for stormwater runoff.
5. Installation of benches, terraces, or slope interrupters should be considered.
6. Avoid building soil stockpiles on impervious surfaces.
7. Linear sediment trap surrounding the stockpile base may be used to control sediment.

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

STANDARD DWG. NO.
IUM-627
SHEET 1 OF 1
DATE JANUARY 2017

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\RiverGrove\240624\Civil\DET_240624_04.SHT		DRAWN -	REVISED -
	PLOT SCALE = 40'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

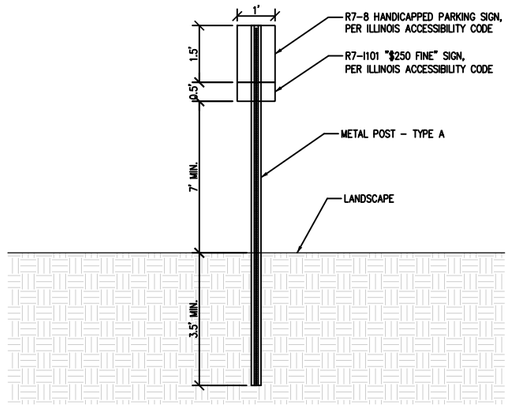
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
CONSTRUCTION DETAILS

SCALE: 1:40 | SHEET OF SHEETS | STA. TO STA.

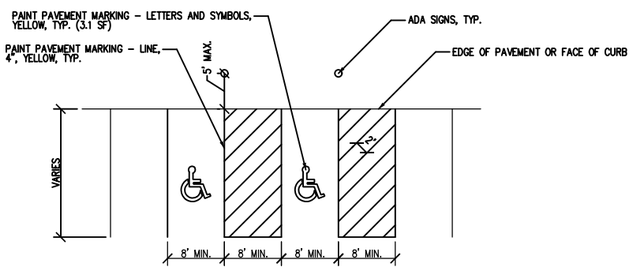
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT	COOK	112	88

CONTRACT NO. 61M58
ILLINOIS FED. AID PROJECT

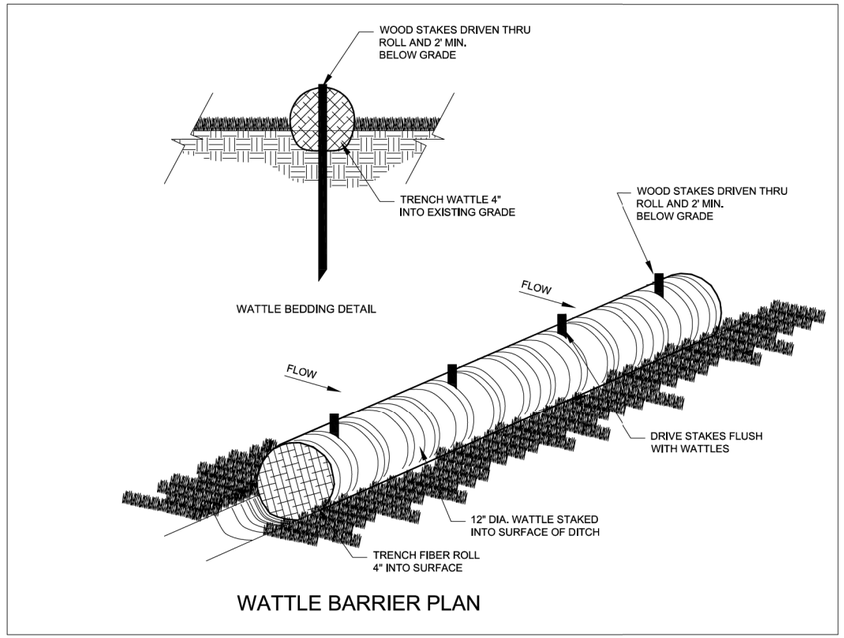


NOTES
1. REFER TO IDOT METAL POSTS FOR SIGNS, MARKERS & DELINEATORS STANDARD FOR MORE INFORMATION.
2. REFER TO IDOT APPLICATIONS OF TYPES A & B METAL POSTS STANDARD FOR MORE INFORMATION

ADA SIGNS AND POSTS



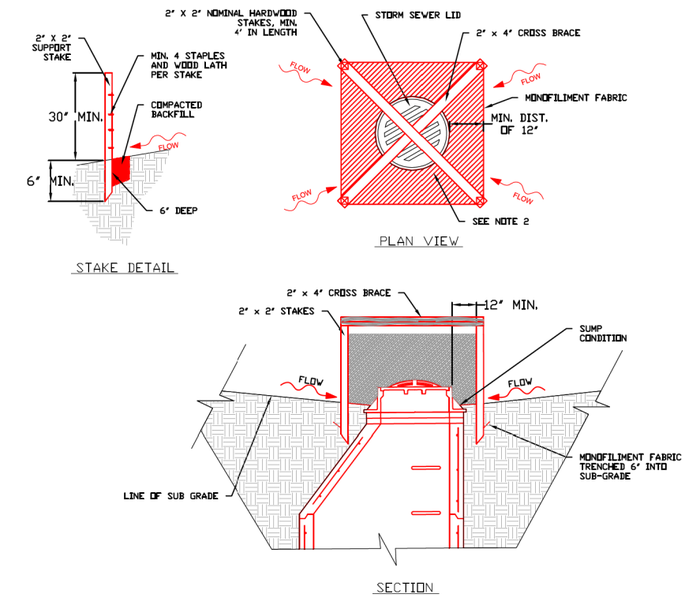
ADA PAVEMENT MARKINGS



WATTLE BARRIER PLAN

PERIMETER EROSION BARRIER, ROLLED EXCELSIOR

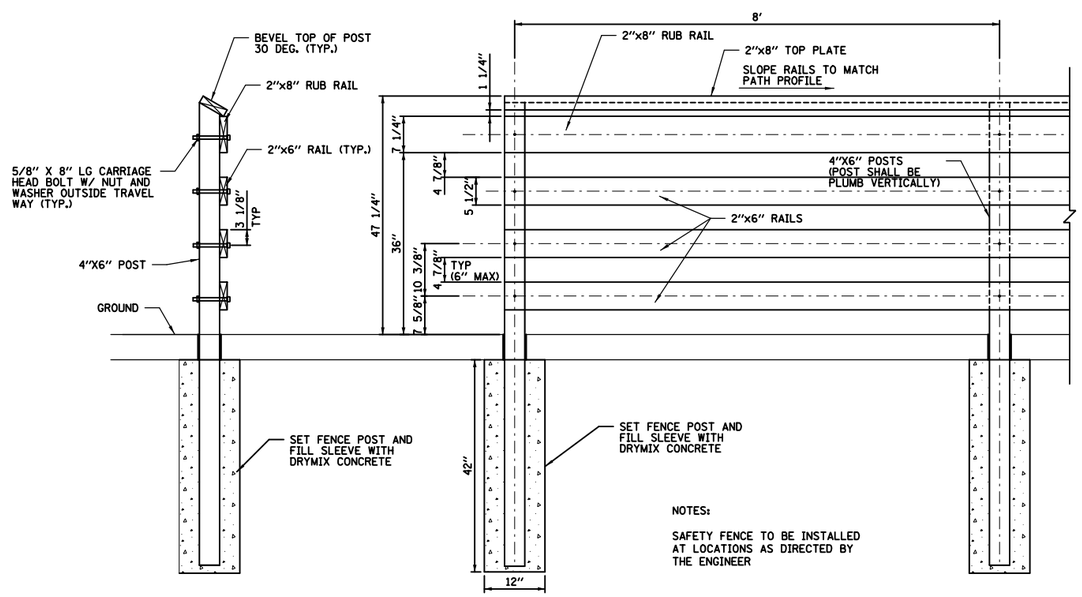
INLET PROTECTION -MONOFILAMENT FABRIC BARRIER FENCE



NOTES:
1. 2 x 2 nominal hardwood stakes, 4 foot minimum length, driven into ground approximately 18 inches, stakes driven a minimum width of 12 inches away from the drop inlet.
2. Area inside the fence, from edge of fabric to structure, must be stabilized with Erosion Control Blanket, Turf Reinforcement Mat, Geotextile 592 Table 2 Class 2 or CA-7 stone
3. Maximum height of the fabric above the crest of the drop inlet shall be 30". Place the bottom 6 inches of the fabric in a trench and backfill with 6 inches of 95% compacted soil.
4. Stakes must be a maximum of 4 feet apart.
5. A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the monofilment fabric.
6. Monofilment fabric shall meet the requirement of Material Specification 592 Geotextile Table 1, Class 4.
7. Monofiliment fabric shall be secured to each 2" x 2" nominal hardwood stake with a minimum of 4 steel staple fasteners and wood lath. Wood lath shall be a minimum length of 10 inches. Wire fasteners should be used if metal T-Posts are installed in place of hardwood stakes.

REFERENCE		STANDARD DWG. NO.
Project		IUM-531
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 04-6-15
Approved ____ Date ____		

INLET PROTECTION (PAID FOR AS PERIMETER EROSION BARRIER)

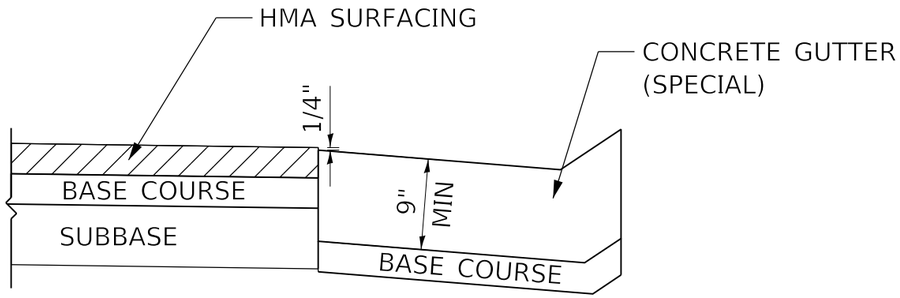


NOTES:

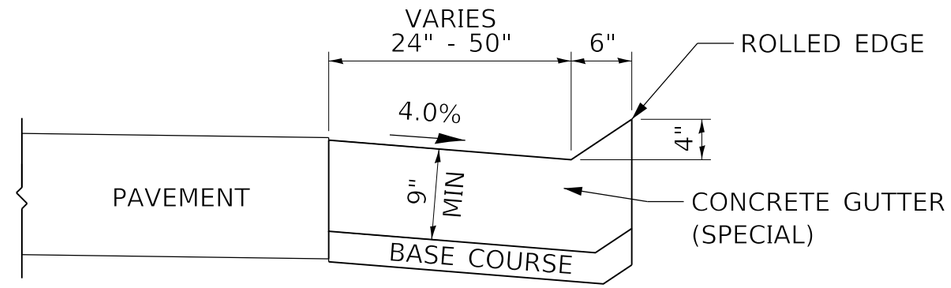
SAFETY FENCE TO BE INSTALLED AT LOCATIONS AS DIRECTED BY THE ENGINEER

SAFETY FENCE

FILE NAME = N:\RiverGrove\240624\Civil\DET_240624_05.SHT	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER TRAIL - SEGMENT 7 CONSTRUCTION DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			N/A	19-00037-02-BT	COOK	112 / 89
	PLOT SCALE = 40'	CHECKED -	REVISED -					CONTRACT NO. 61M58	
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -		SCALE: 1:40 SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

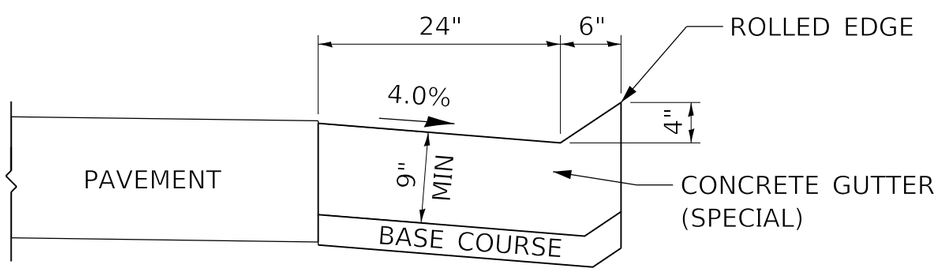


ON DISTURBED SUBGRADE



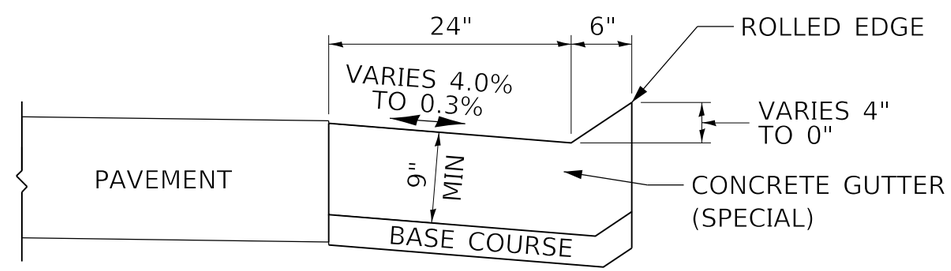
CONCRETE GUTTER (SPECIAL)

STA. 81+85.00 TO STA. 82+00.00



CONCRETE GUTTER (SPECIAL)

STA. 82+00.00 TO STA. 82+79.40

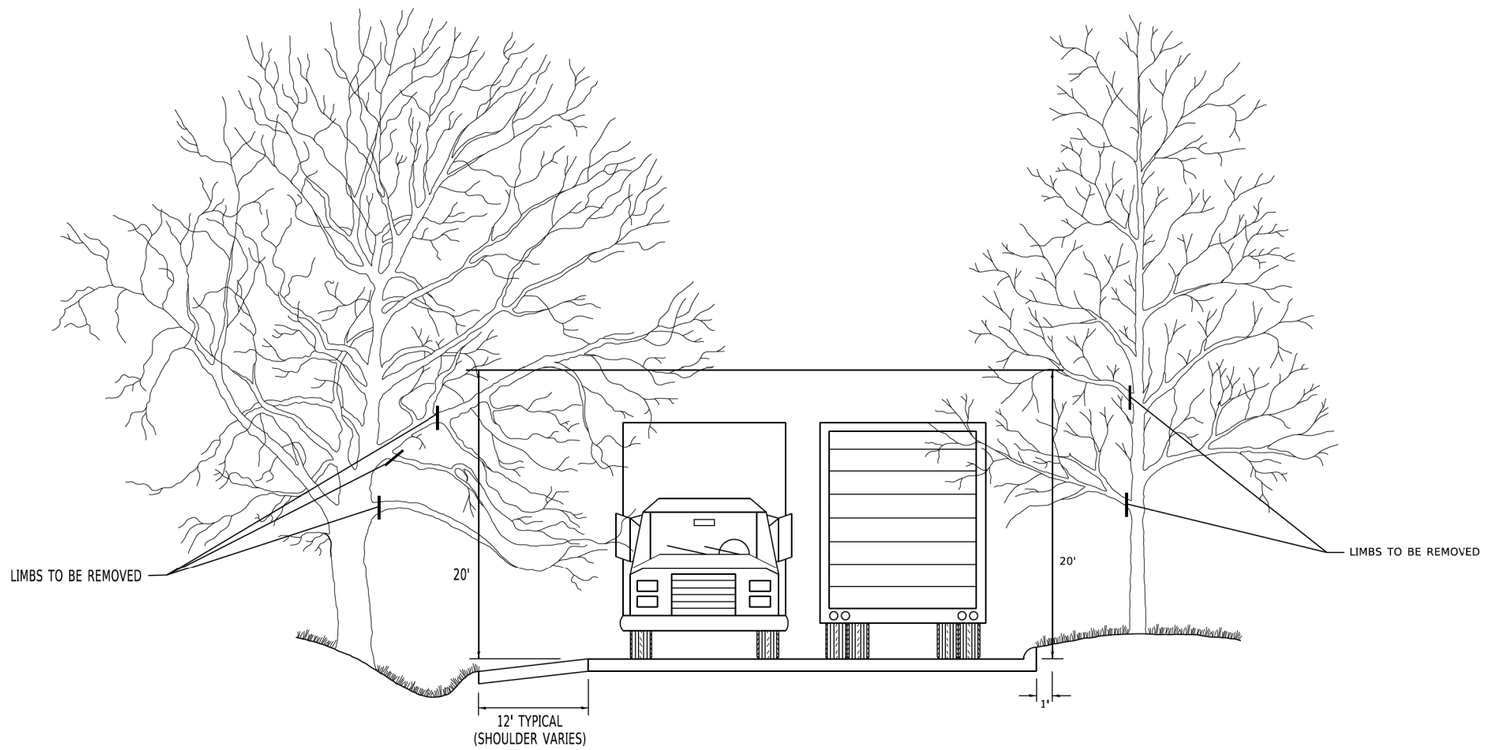


CONCRETE GUTTER (SPECIAL)

STA. 82+79.40 TO STA. 82+98.58

1. ON THE RIGHT SIDE OF THE ALIGNMENT, FROM STA. 82+79.40 TO STA. 82+84.40, SLOPE VARIES FROM 4.0% AWAY FROM PATH TO 1.5% TOWARDS PATH.

2. ON THE LEFT SIDE OF THE ALIGNMENT, FROM STA. 82+92.92 TO STA. 82+98.58, SLOPE VARIES FROM 4.0% AWAY FROM PATH TO 0.3% SLOPE TOWARDS PATH.



NOTE:
TREE PRUNING DETAIL TO BE USED FOR TRAIL INSTEAD OF ROADWAY

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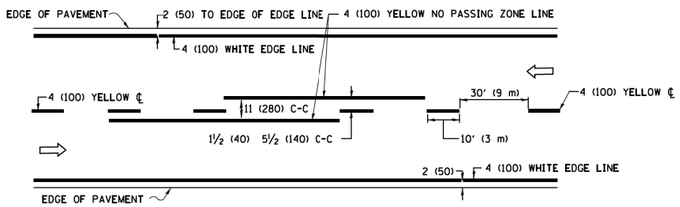
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/11/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

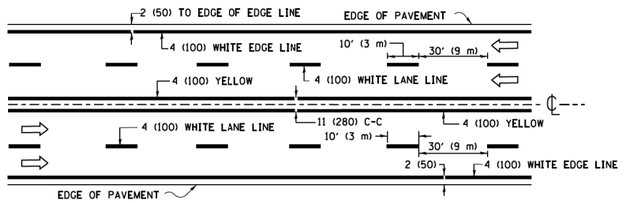
PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

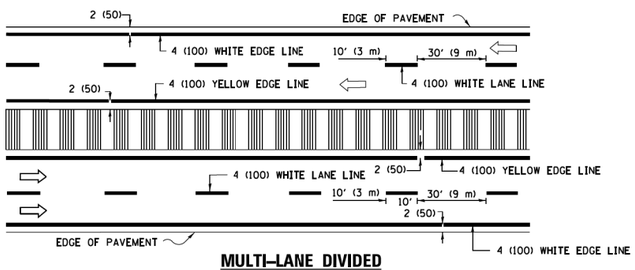
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	91
	BM-20	CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



2–LANE ROADWAY

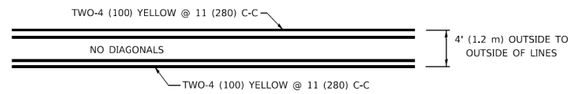


MULTI–LANE UNDIVIDED

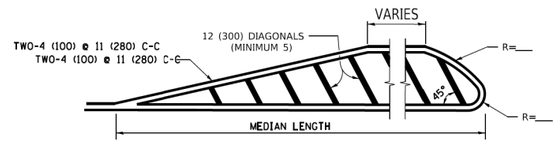


MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



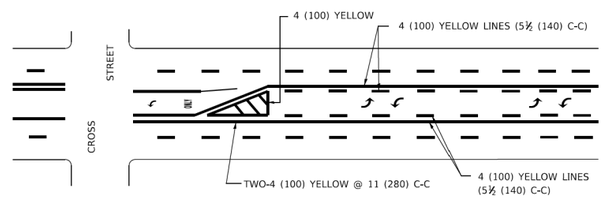
4' (1.2 m) WIDE MEDIANS ONLY



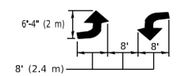
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

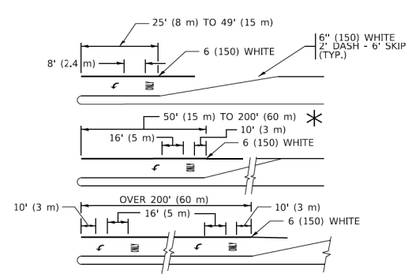


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

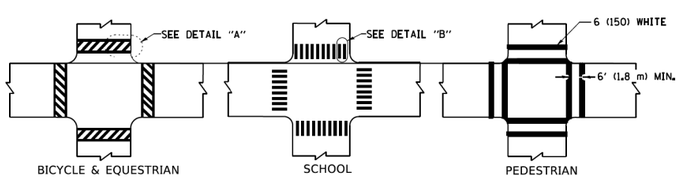


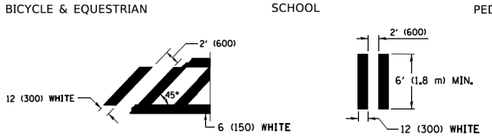
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

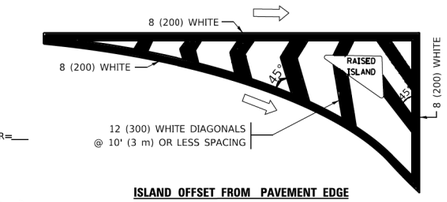




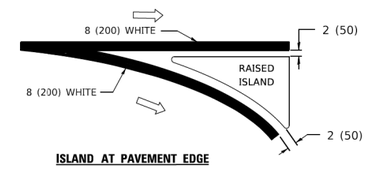
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

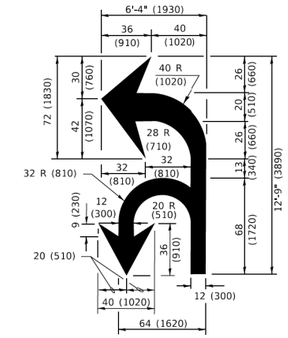


ISLAND OFFSET FROM PAVEMENT EDGE

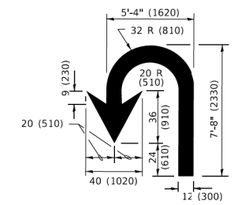


ISLAND AT PAVEMENT EDGE

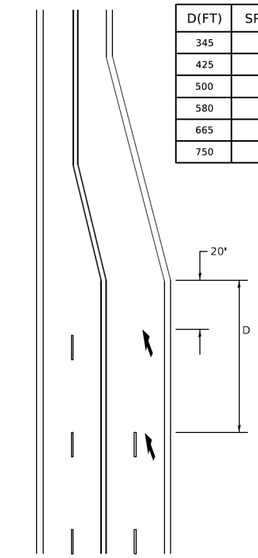
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

MODEL: Default
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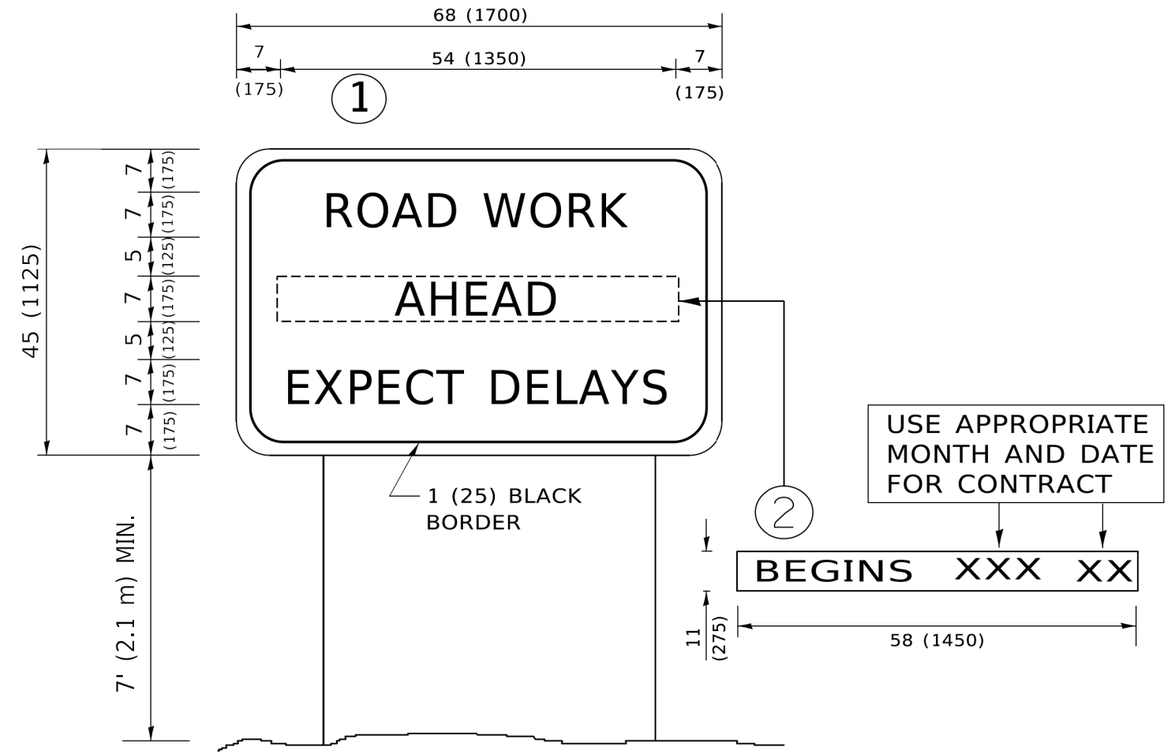
	DRAWN -	REVISED - C. JUCIUS 07-01-13	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15	
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	92
	TC-13	CONTRACT NO. 61M58		
		ILLINOIS	FED. AID PROJECT	



NOTES:

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

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

MODEL: Default
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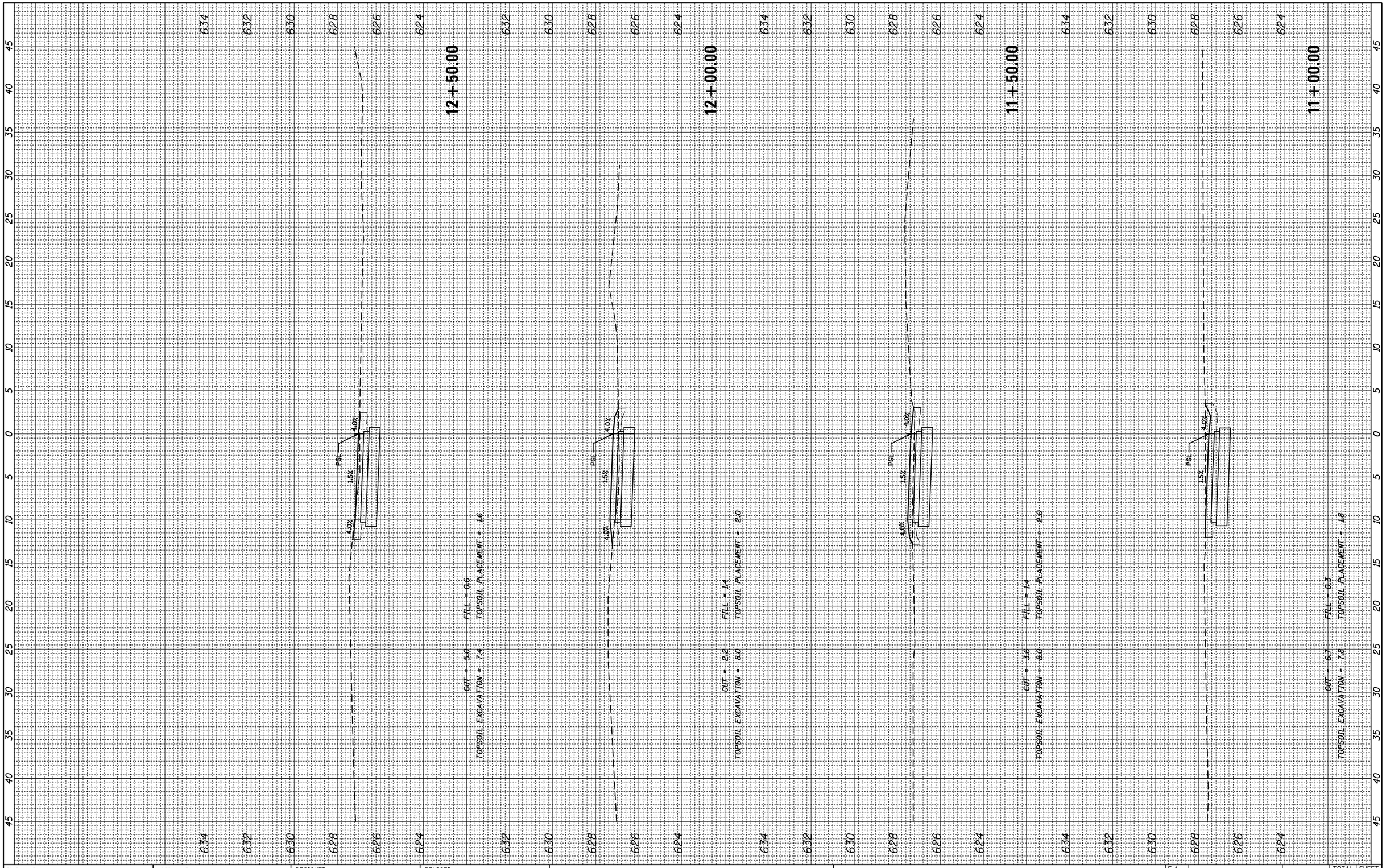
	DRAWN -	REVISED - R. MIRS 12-11-97						19-00037-02-BT	C00K	112 / 93
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99					TC-22		CONTRACT NO. 61M58	
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.		ILLINOIS	FED. AID PROJECT	



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

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

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	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

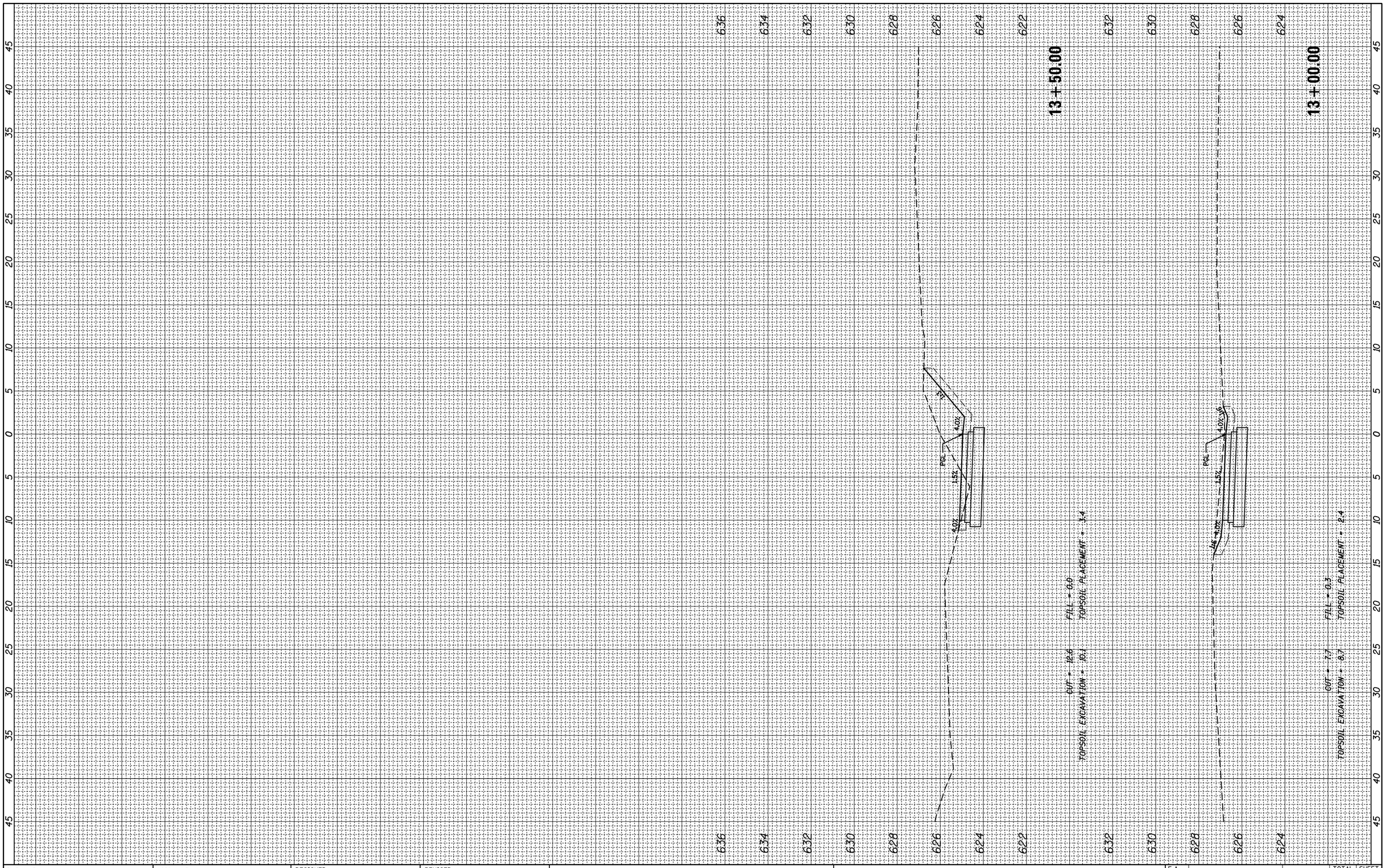
DES PLAINES RIVER TRAIL SEGMENT 7
STRIEBY AVE CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 11+00.00 TO STA. 12+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	94
		CONTRACT NO. 61M58		
		ILLINOIS FED. AID PROJECT		

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

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



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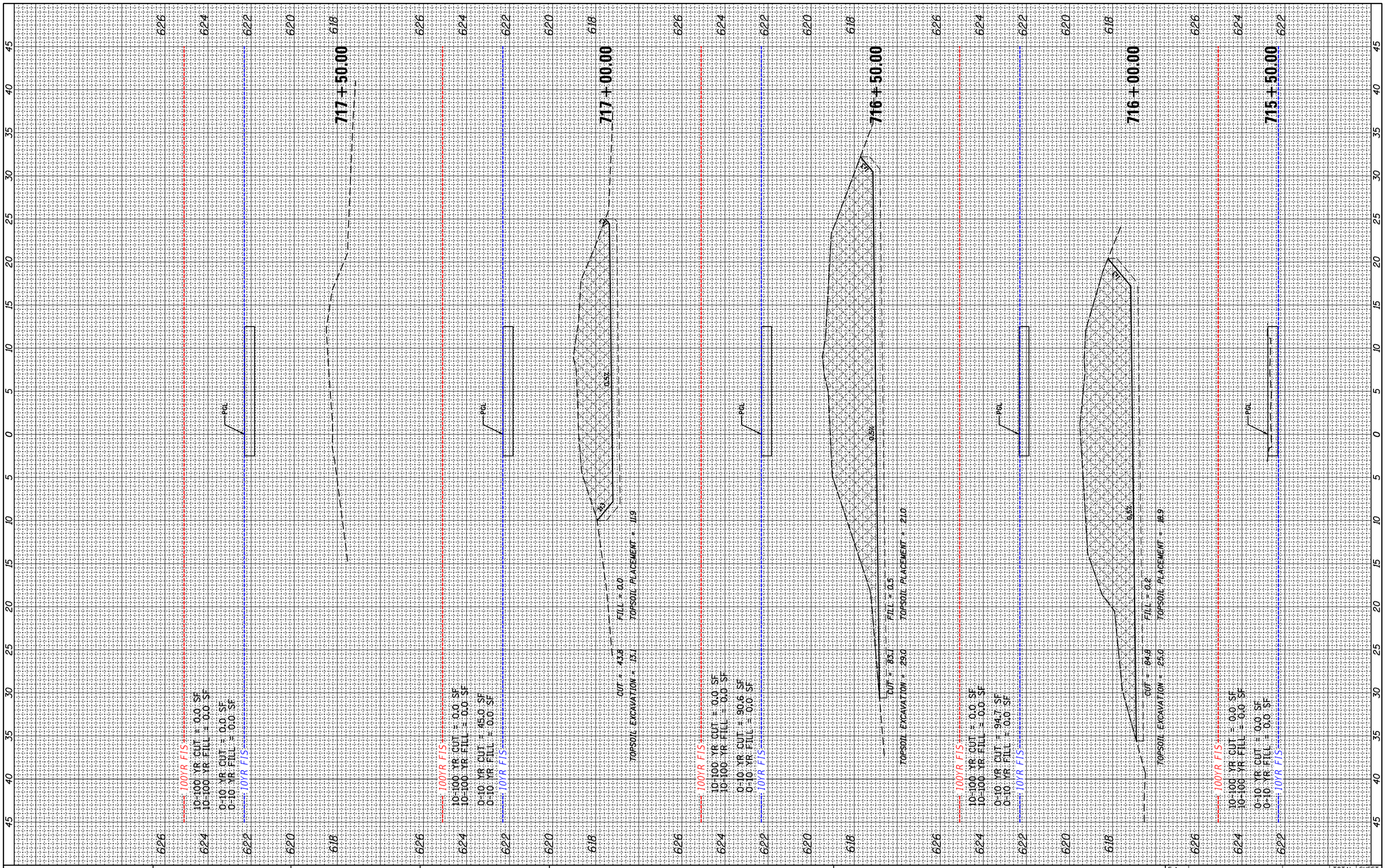
	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL SEGMENT 7
STRIEBY AVE CROSS SECTIONS

SCALE: | SHEET OF SHEETS | STA. 13+00.00 TO STA.13+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	95
		CONTRACT NO. 61M58		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
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	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

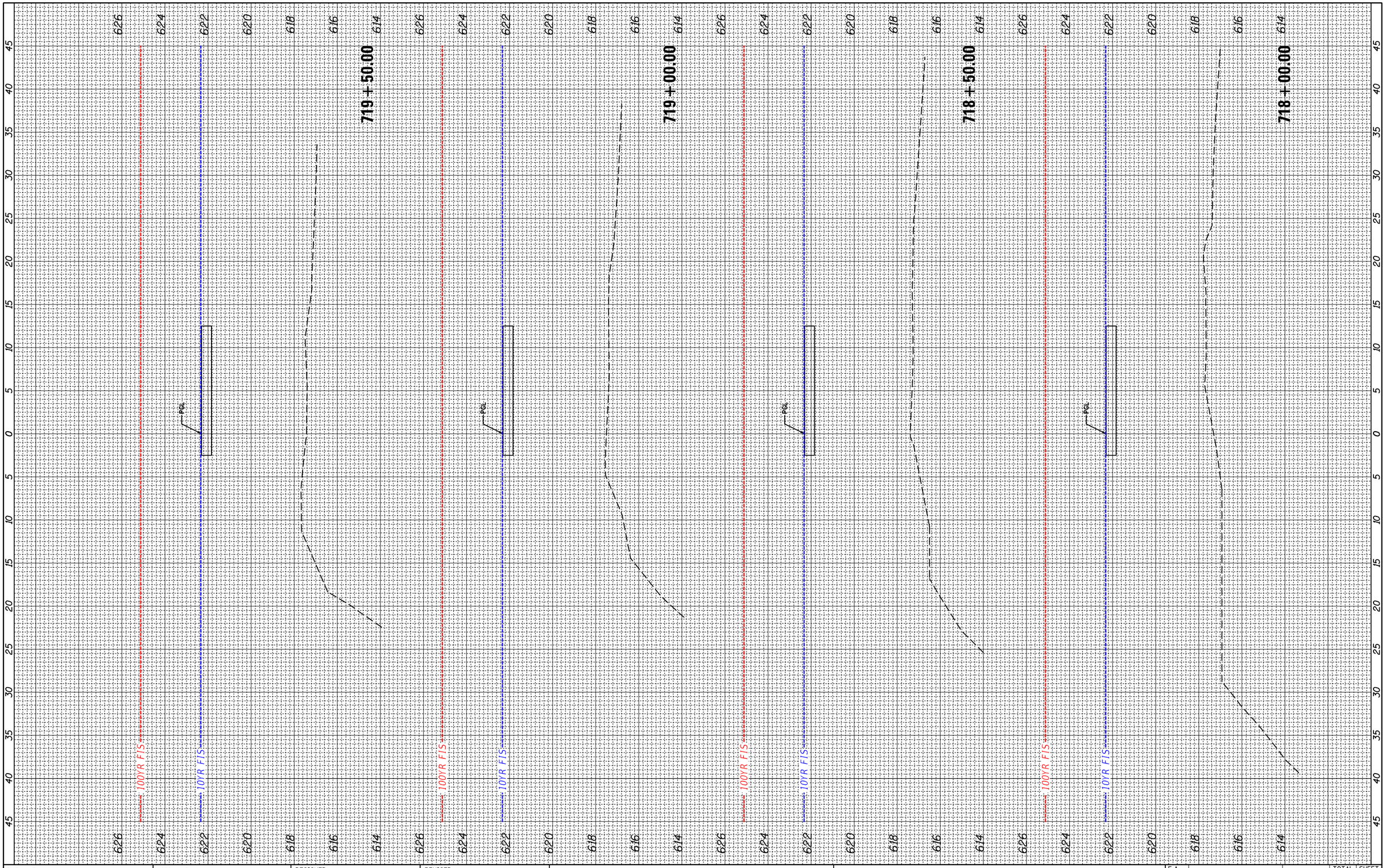
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 715+50.00 TO STA. 717+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	96

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
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FILE NAME =
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Default

USER NAME = mthomas
PLOT SCALE = 10'
PLOT DATE = 7/16/2026

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

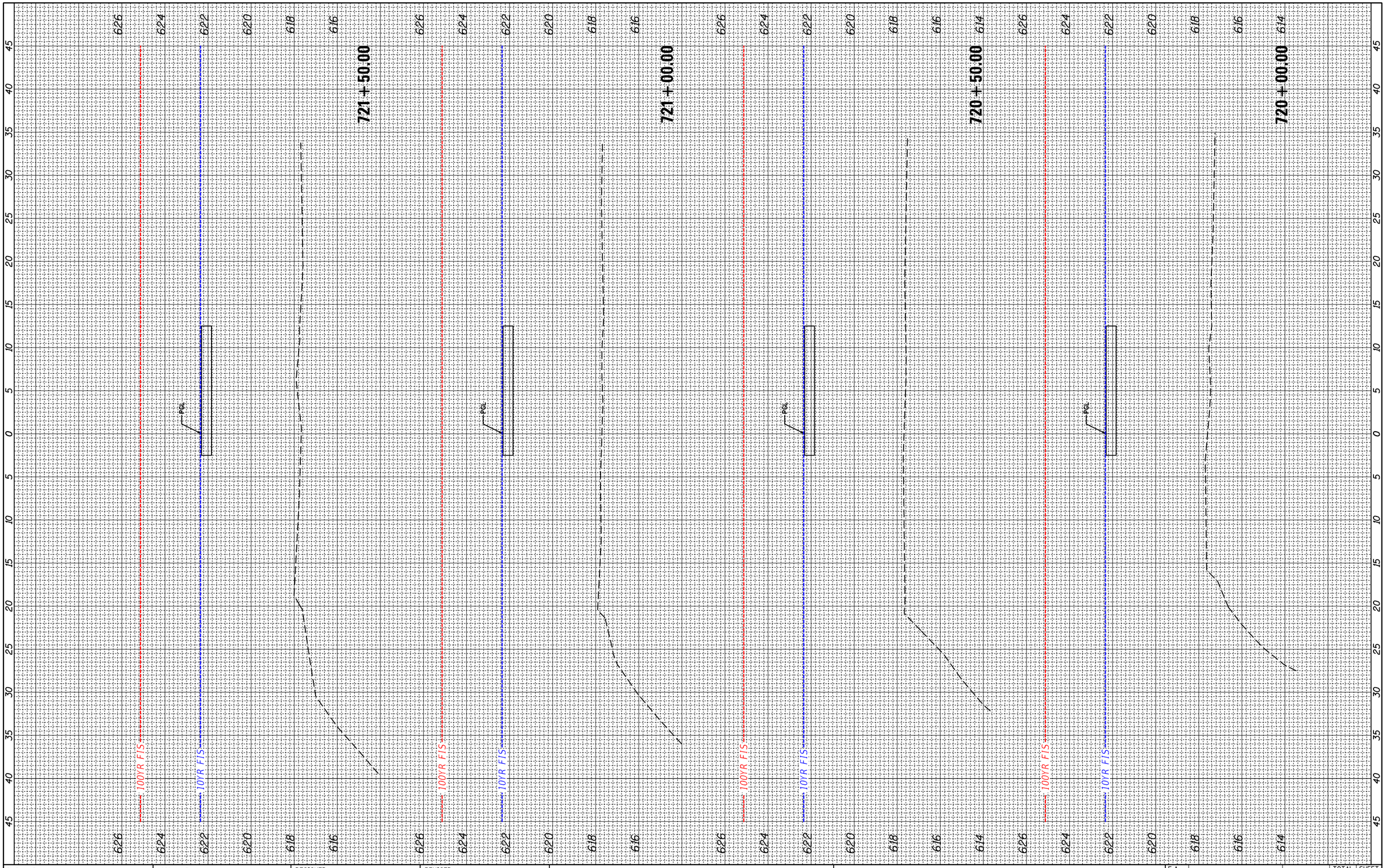
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 718+00.00 TO STA. 719+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	97

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
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		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

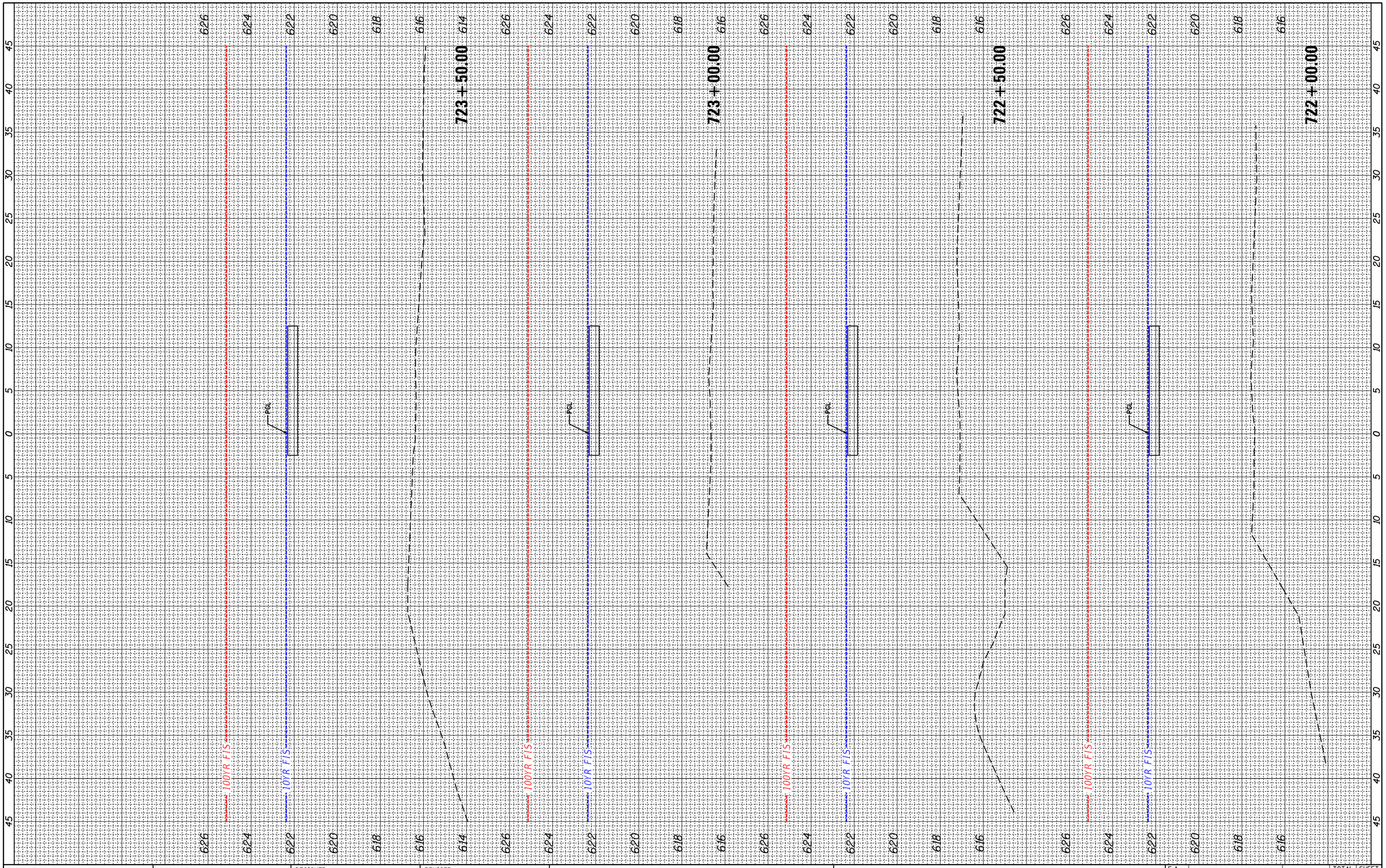
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 720+00.00 TO STA. 721+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	98

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



FINAL SURVEY		BY	DATE
	SURVEYED		
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NOTE BOOK	TEMPLATE		
	AREAS		
	AREAS CHECKED		
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ORIGINAL SURVEY		BY	DATE
	SURVEYED		
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NOTE BOOK	TEMPLATE		
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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

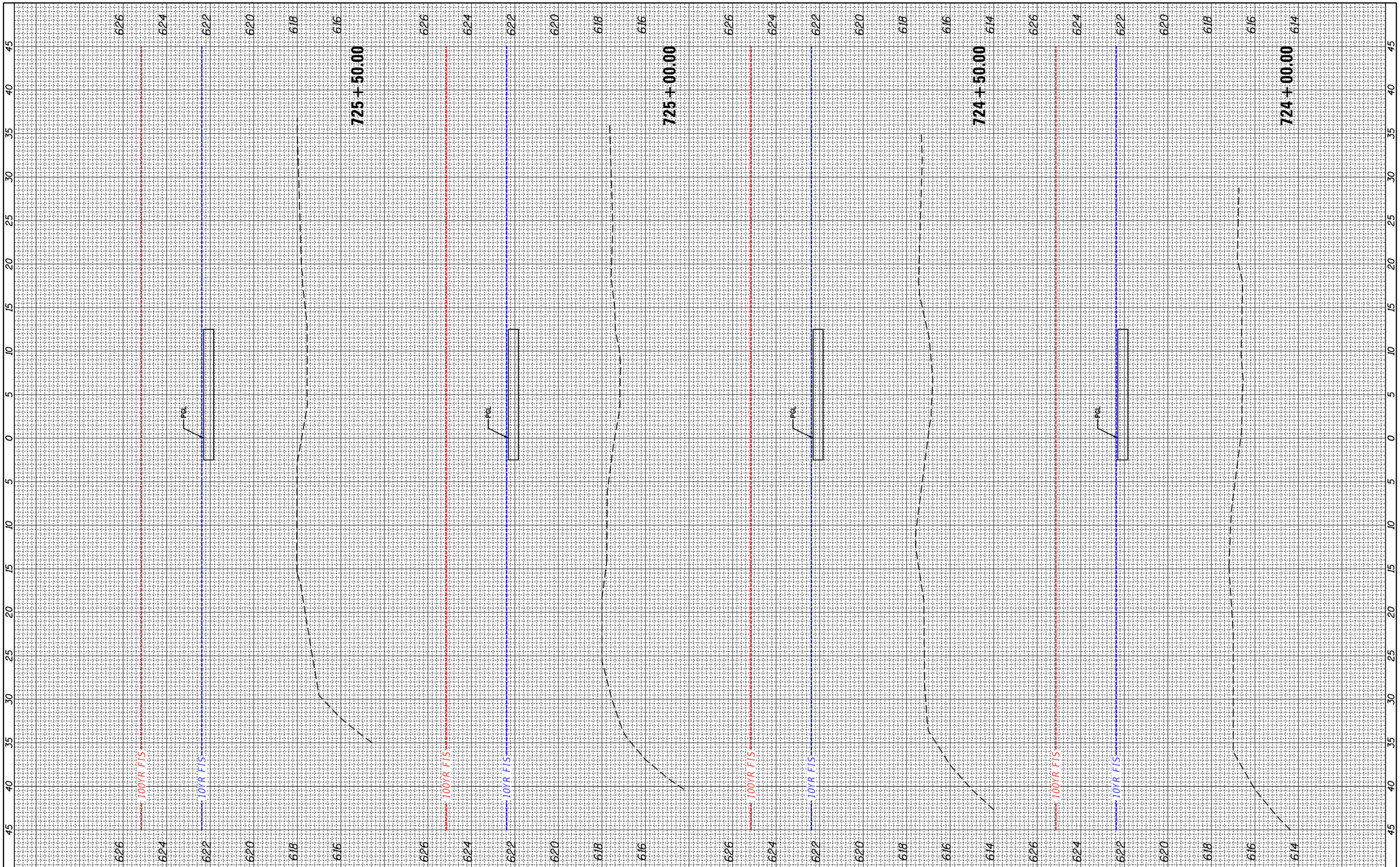
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 722+00.00 TO STA. 723+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	99

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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

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

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	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

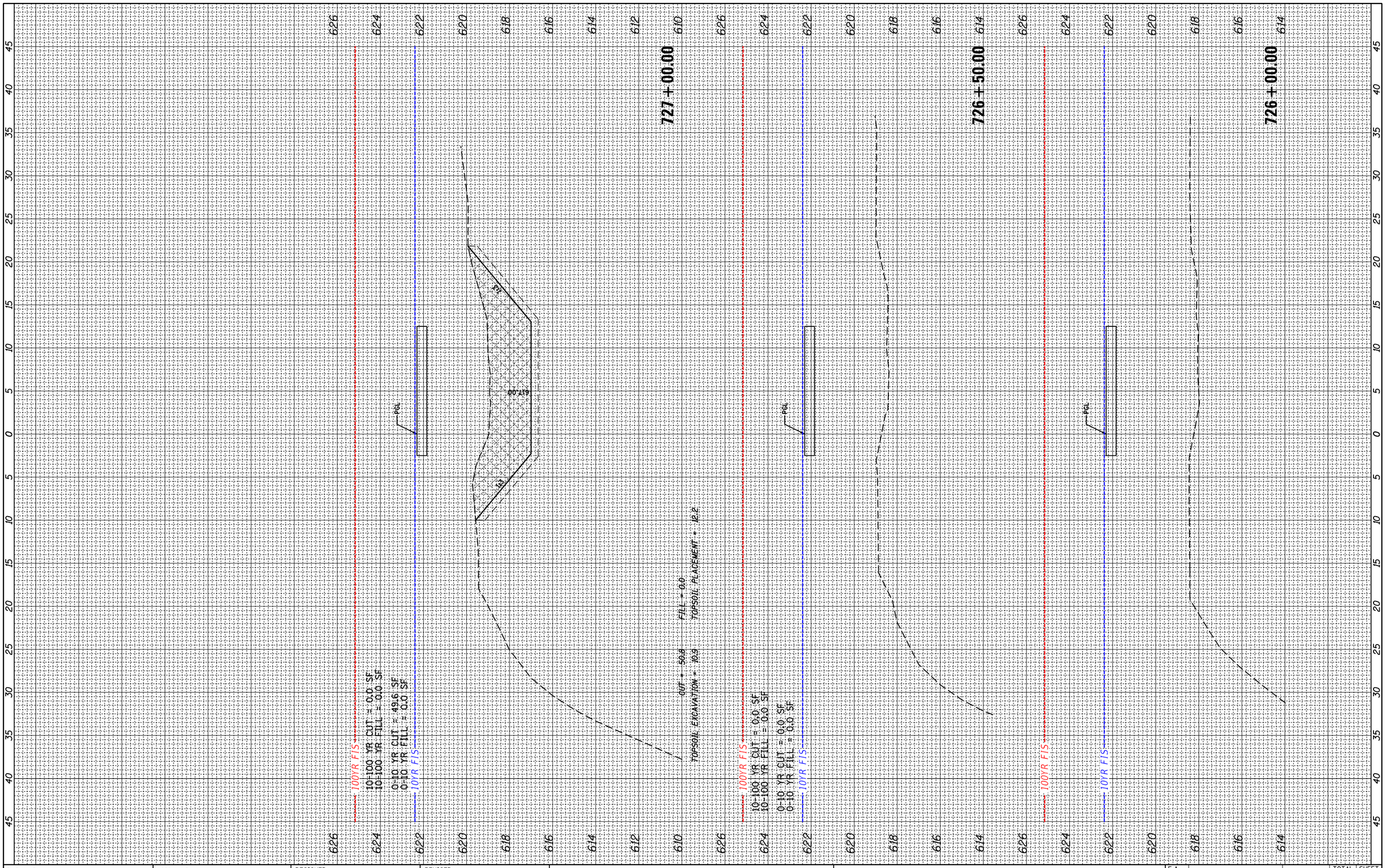
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 724+00.00 TO STA. 725+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	100

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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

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

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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

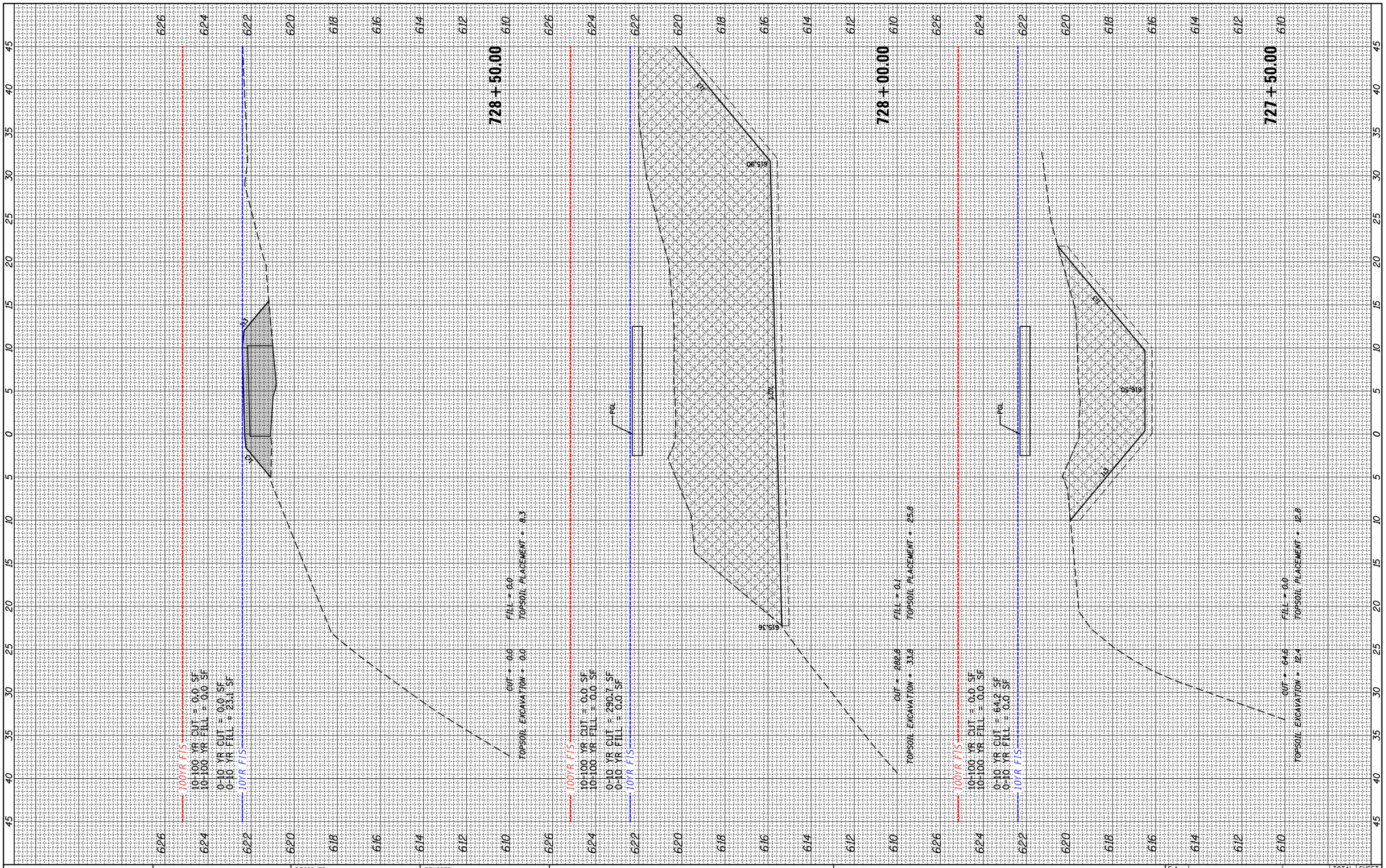
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 726+00.00 TO STA. 727+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	101

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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

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

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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

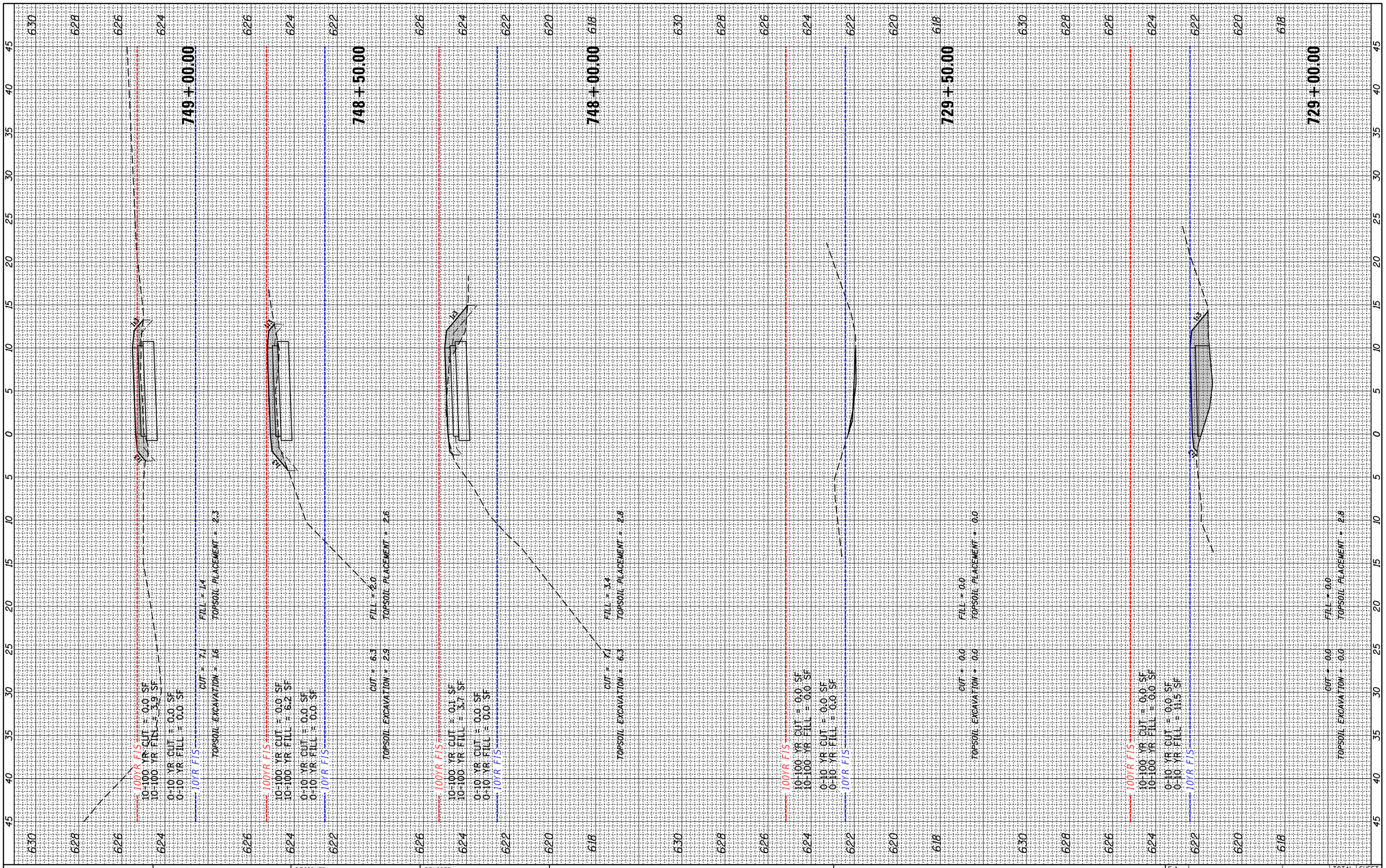
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 727+50.00 TO STA. 728+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	102

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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

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

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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

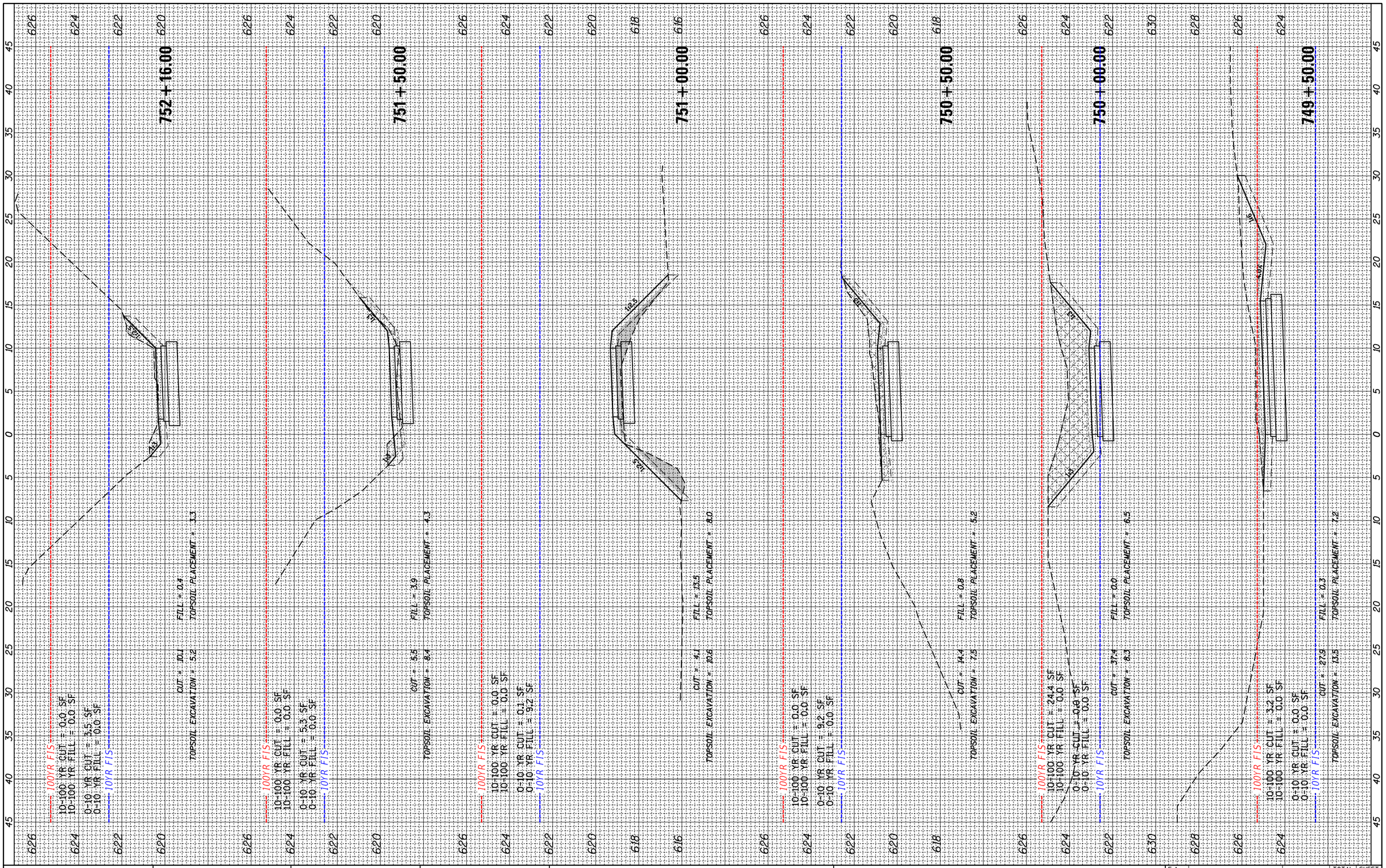
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 729+00.00 TO STA. 749+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	103

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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

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

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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 749+50.00 TO STA. 752+16.00

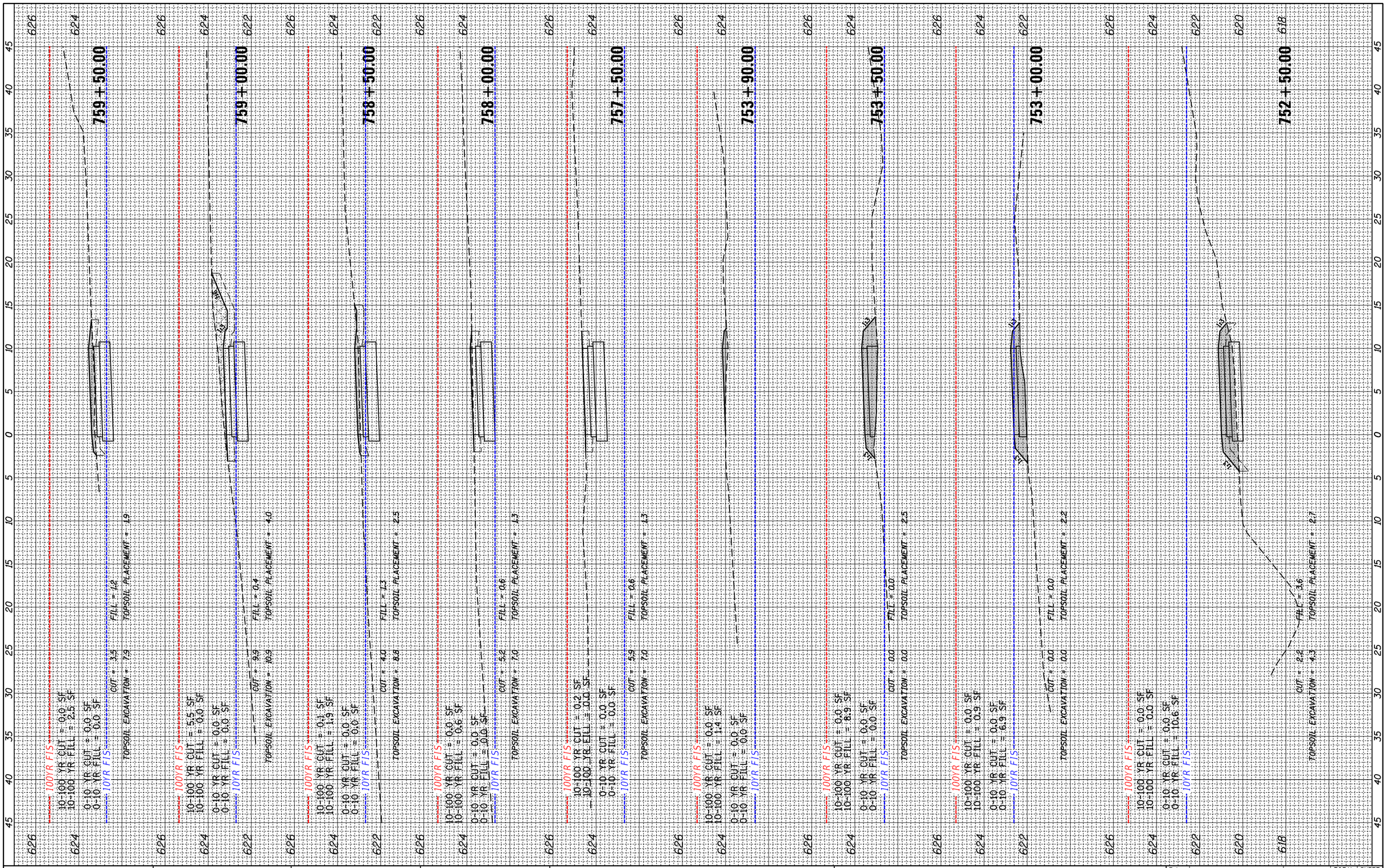
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	104

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT

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

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



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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

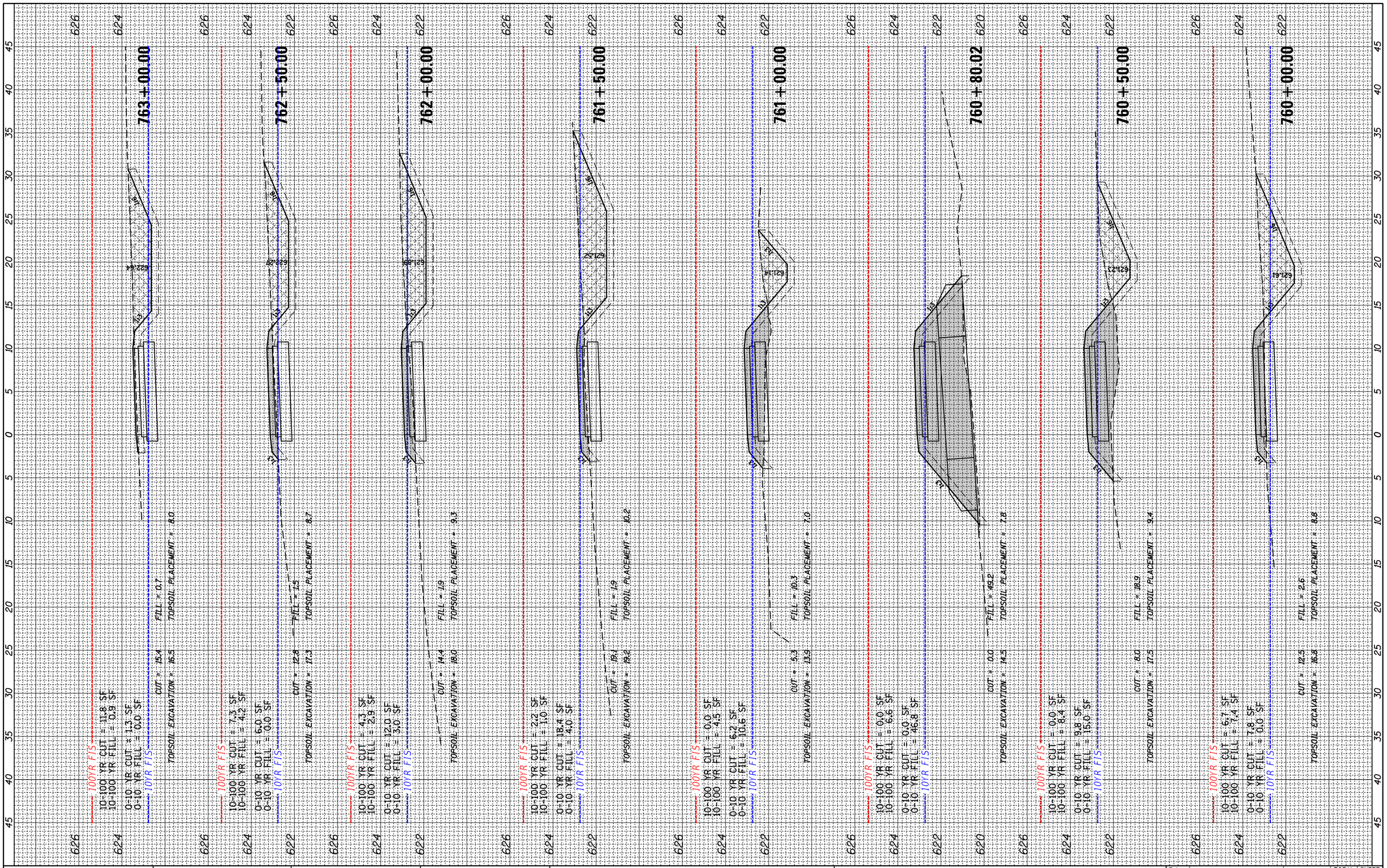
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 752+50.00 TO STA. 759+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	105

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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

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

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USER NAME = mthomas
PLOT SCALE = 10'
PLOT DATE = 7/16/2026

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 760+00.00 TO STA. 763+00.00

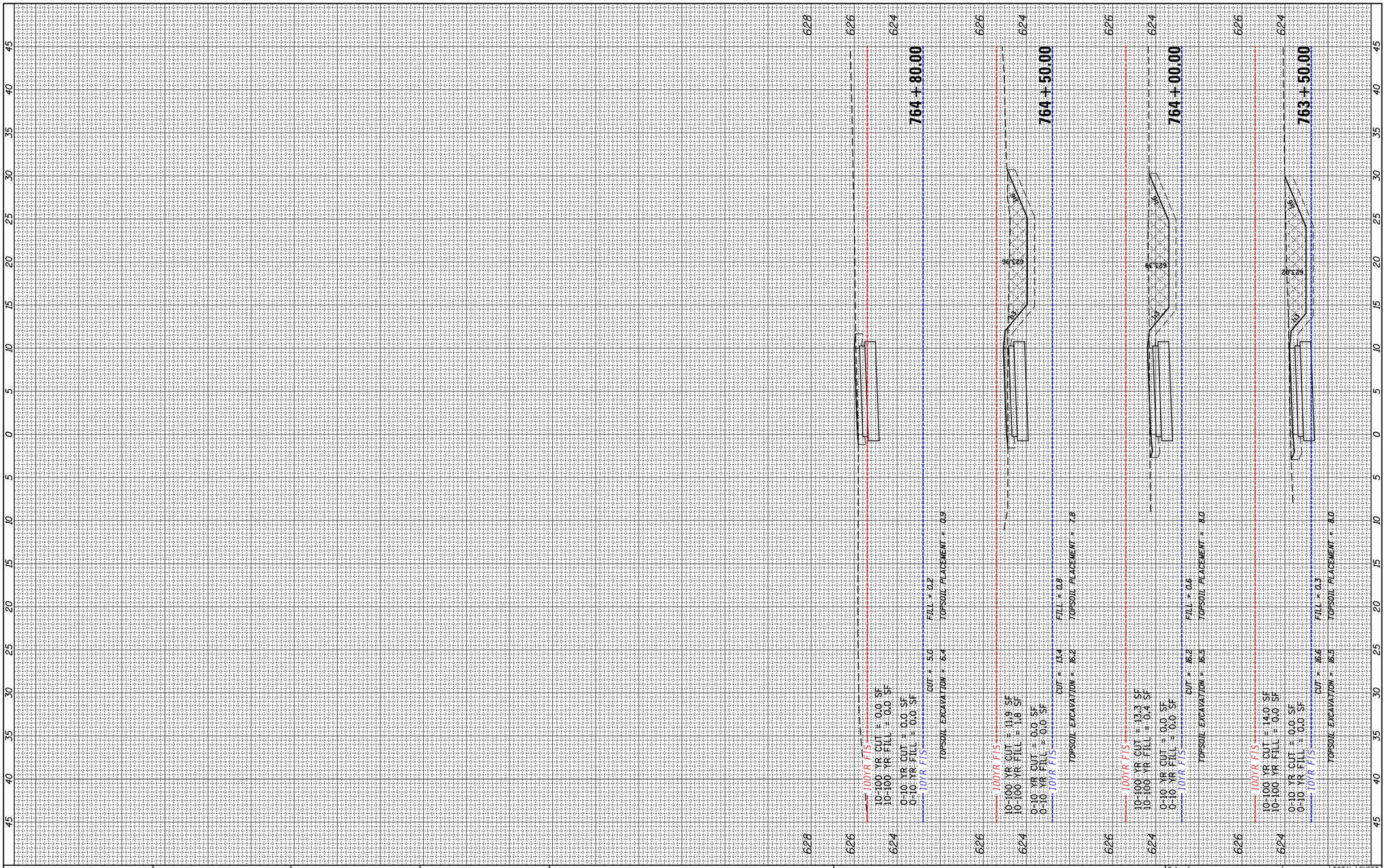
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	106

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT

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

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



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Default	PLOT DATE = 7/16/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

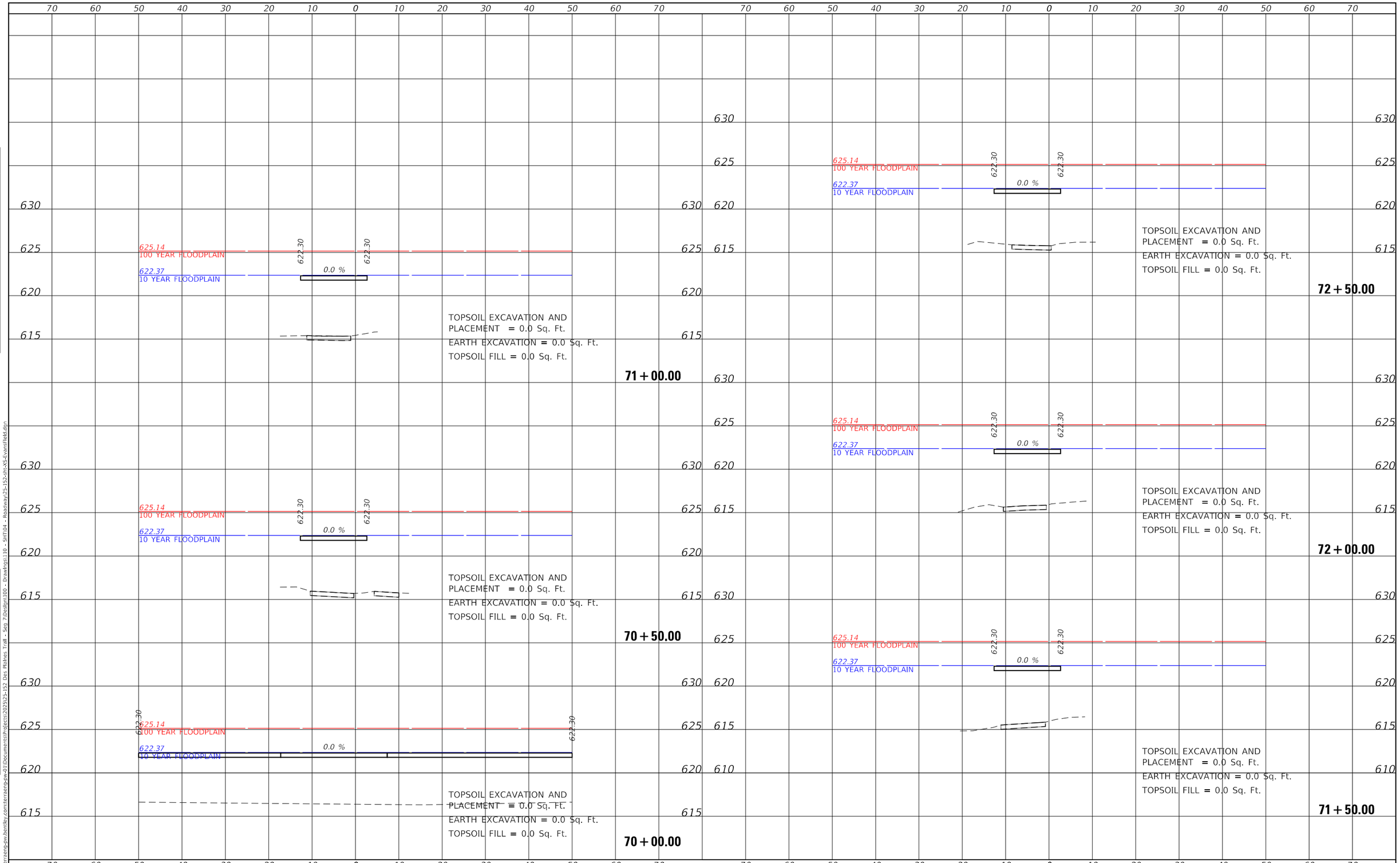
DES PLAINES RIVER TRAIL SEGMENT 7
DES PLAINES RIVER TRAIL

SCALE: | SHEET OF SHEETS | STA. 763+50.00 TO STA. 764+80.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	19-00037-02-BT		112	107

CONTRACT NO. 61M58

ILLINOIS FED. AID PROJECT



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

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

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TERRA ENGINEERING LTD.

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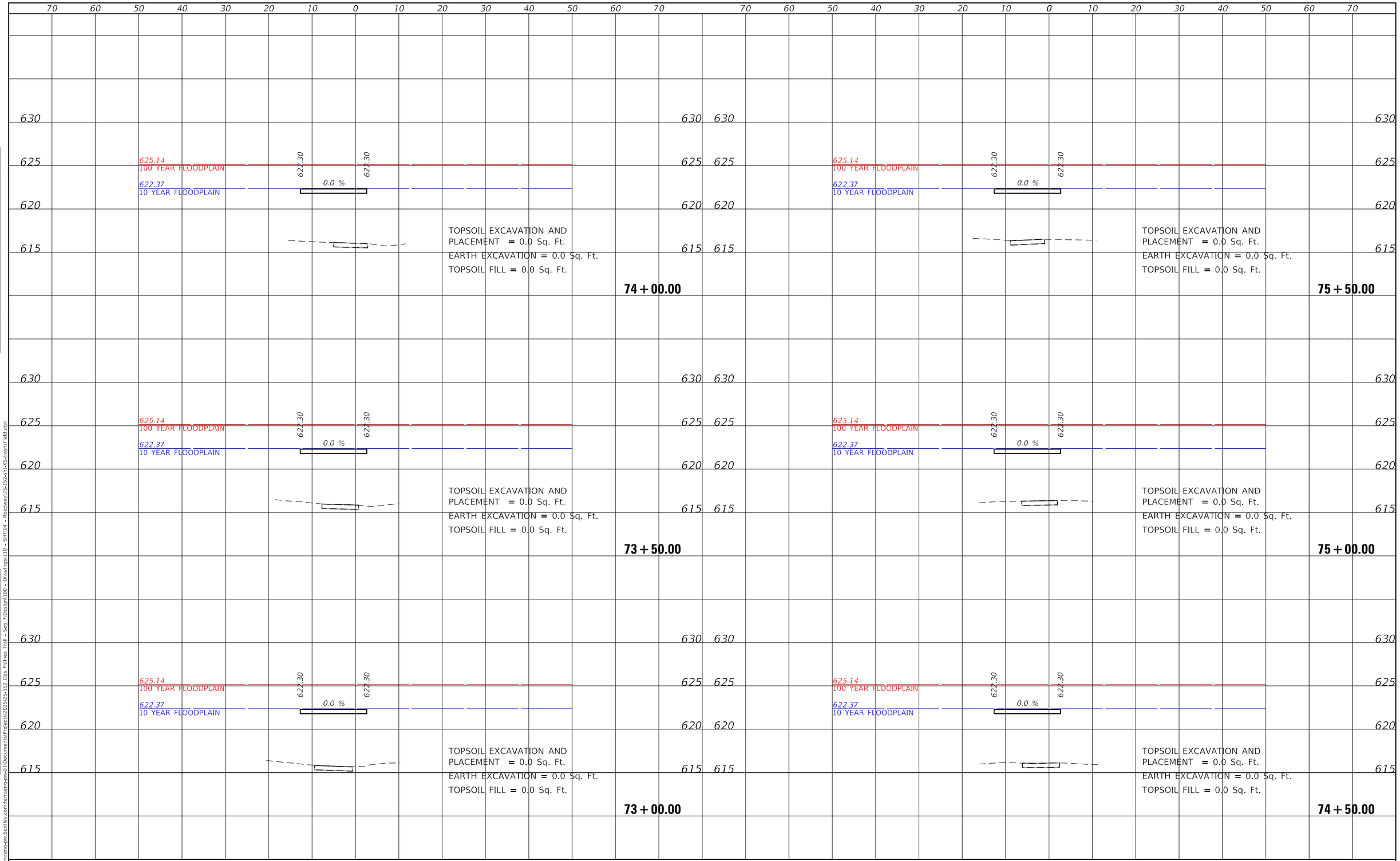
	DRAWN - AF	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DL	REVISED -	
PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
CROSS SECTIONS – EVANS FIELD CONNECTOR

SCALE: | SHEET OF SHEETS | STA. 70+00.00 TO STA. 72+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	108
		CONTRACT NO. 61M58		
		ILLINOIS	FED. AID PROJECT	



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		DRAWN - AF	REVISED -
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	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
CROSS SECTIONS – EVANS FIELD CONNECTOR

SCALE: | SHEET OF SHEETS | STA. 73+00.00 TO STA. 75+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	109
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: Default
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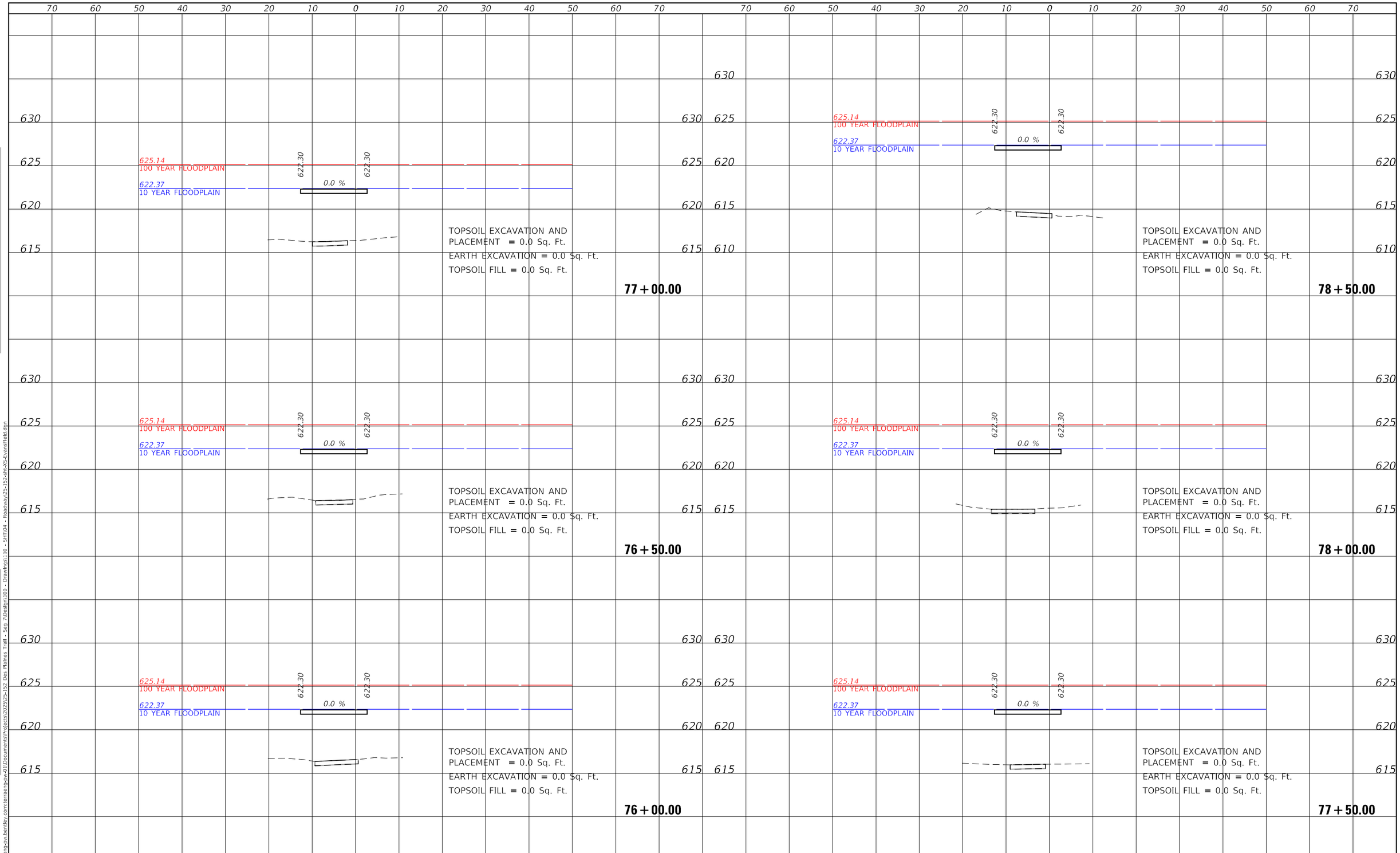

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

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

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TERRA ENGINEERING LTD.

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	DRAWN - AF	REVISED -
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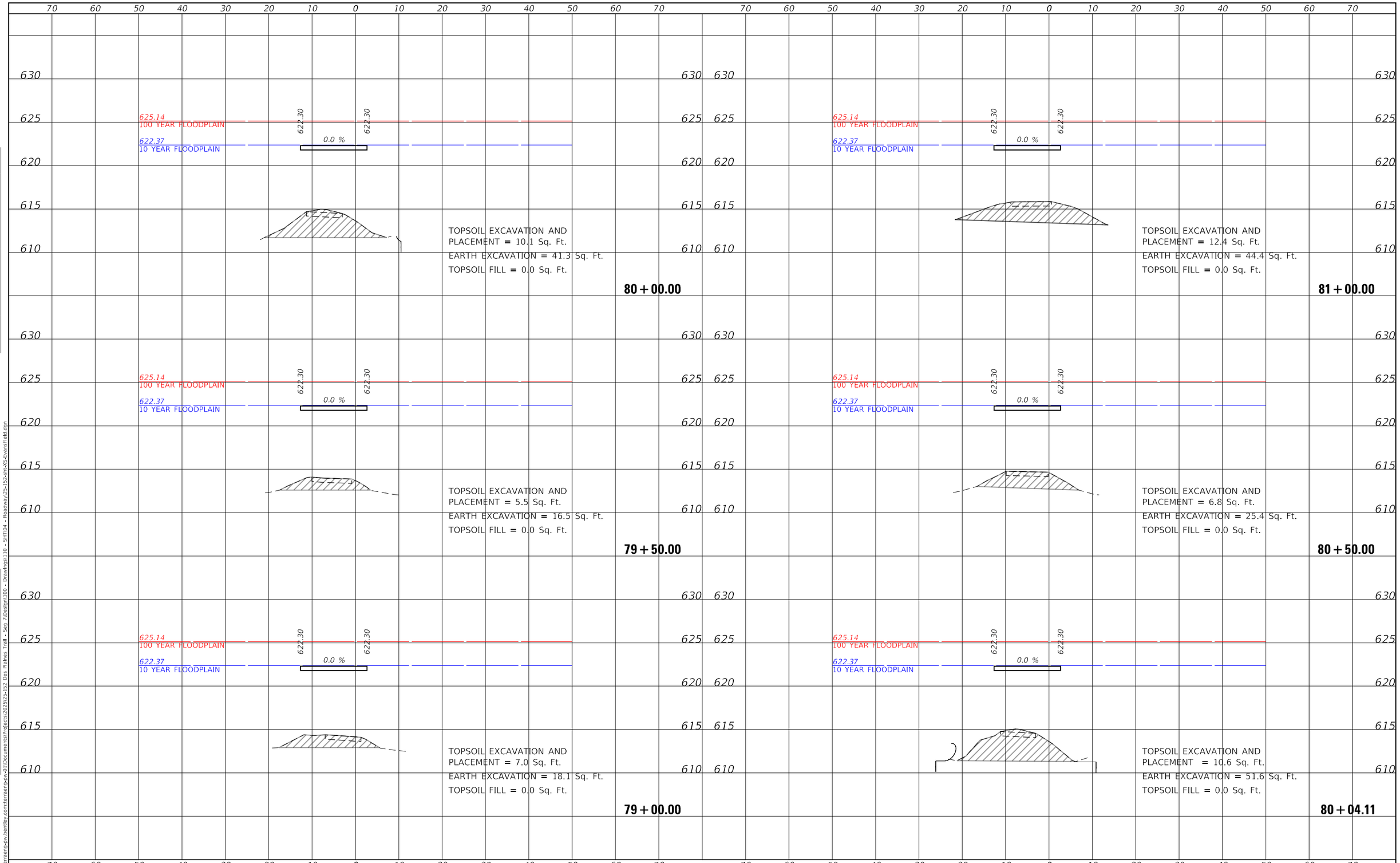
PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
CROSS SECTIONS – EVANS FIELD CONNECTOR

SCALE: | SHEET OF SHEETS | STA. 76+00.00 TO STA. 78+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	110
		CONTRACT NO. 61M58		
	ILLINOIS	FED. AID PROJECT		



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

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

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TERRA ENGINEERING LTD.

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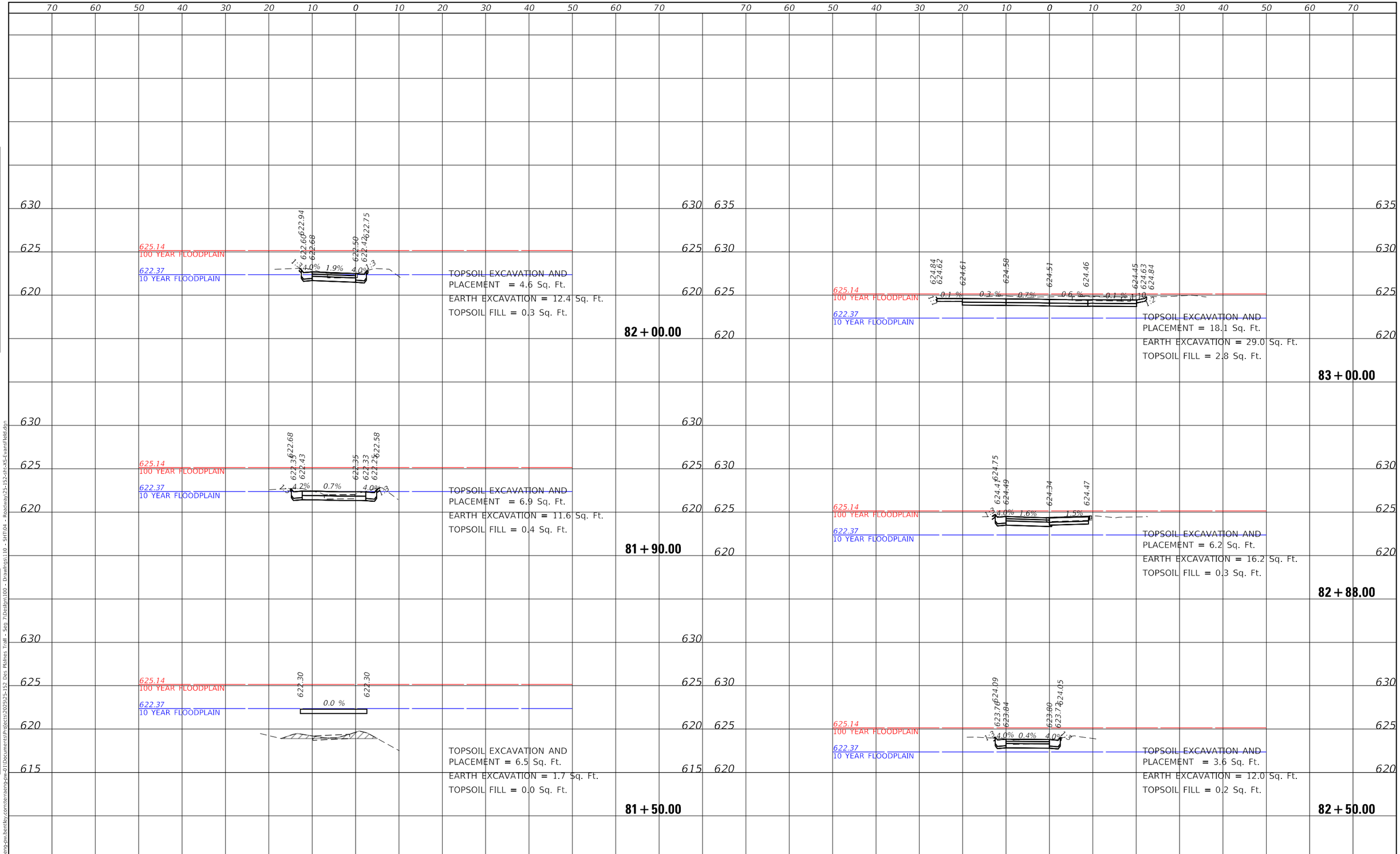
PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
CROSS SECTIONS – EVANS FIELD CONNECTOR

SCALE: | SHEET OF SHEETS | STA. 79+00.00 TO STA. 81+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	111
		CONTRACT NO. 61M58		
		ILLINOIS	FED. AID PROJECT	



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	PLOT DATE = 7/6/2026	DATE - 2026/06/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DES PLAINES RIVER TRAIL – SEGMENT 7
CROSS SECTIONS – EVANS FIELD CONNECTOR

SCALE: | SHEET OF SHEETS | STA. 81+50.00 TO STA. 83+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00037-02-BT	COOK	112	112
		CONTRACT NO. 61M58		
		ILLINOIS	FED. AID PROJECT	

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