

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	1
		ILLINOIS	CONTRACT NO. 61J63	

01-17-2025 LETTING ITEM 139

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

**FAU 1292 (EUCLID AVE) AND FAU 2592 (HICKS ROAD)
COUNTRYSIDE PARK TO HICKS ROAD AND EUCLID AVE TO KIRCHOFF ROAD
BIKE PATH**

SECTION NO.: 19-00123-00-BT

**CITY OF ROLLING MEADOWS
COOK COUNTY
JOB NO.: C-91-122-22**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF APPLICABLE HIGHWAY STANDARDS
SEE SHEET 2

THIS PROJECT PASSES THROUGH:
CITY OF ROLLING MEADOWS

TRAFFIC DATA
HICKS ROAD
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
ADT=2,900 VEHICLES PER DAY (2018)
40 MPH POSTED SPEED

EUCLID AVENUE
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
ADT=20,600 VEHICLES PER DAY (2018)
45 MPH POSTED SPEED

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.

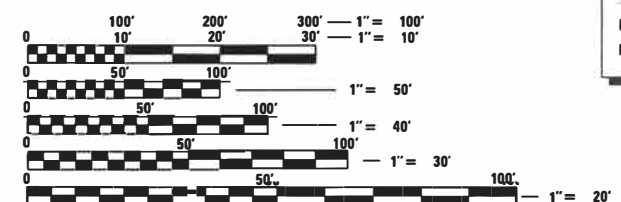
Mark B. Thomas

MARK B. THOMAS, P.E.

THERE ARE NO FLOOD PROTECTION AREAS
LOCATED WITHIN 100 FEET OF THE DEVELOPMENT.

Mark B. Thomas

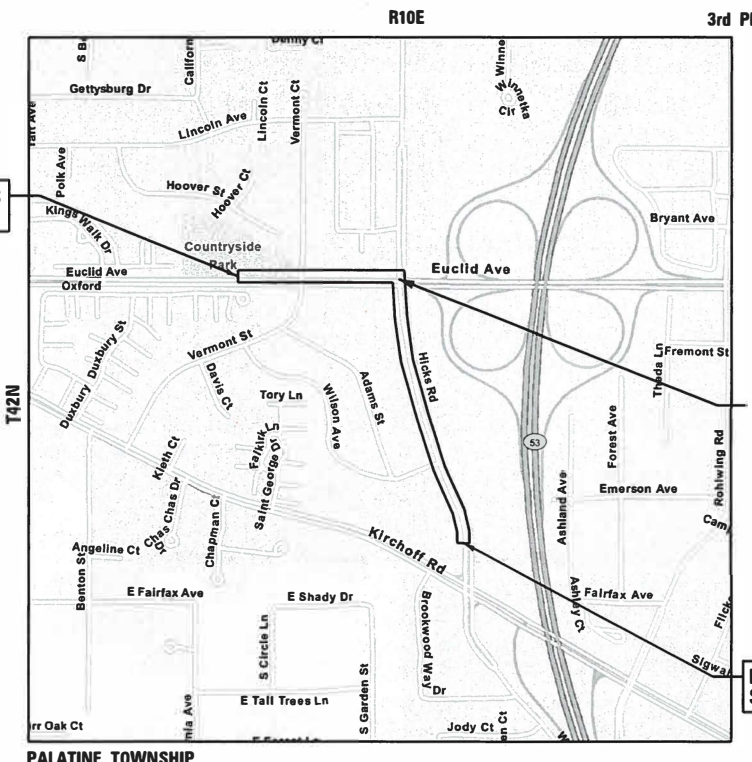
MARK B. THOMAS, P.E.



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

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



PROJECT BEGINS
STA 10+00.00

STATION EQUATION
20+03.52 EUCLID AVE =
38+86.27 HICKS ROAD

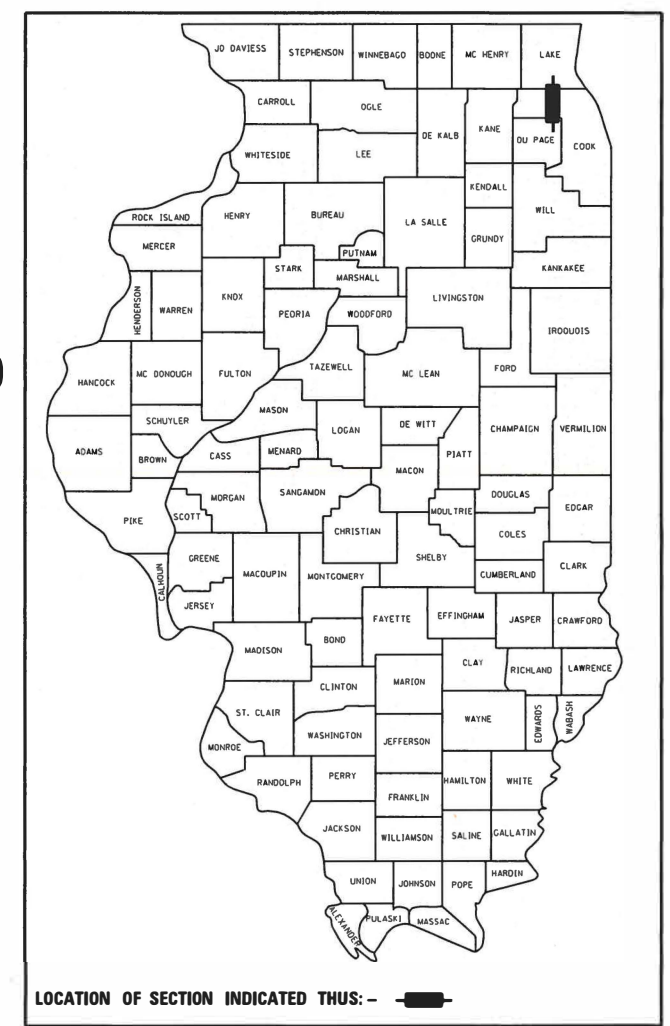
PROJECT ENDS
STA 55+41.00

LOCATION MAP
(NOT TO SCALE)

GROSS LENGTH = 2,652 FT. = 0.50 MILE
NET LENGTH = 2,652 FT. = 0.50 MILE

Mark B. Thomas
03/27/2024
DATE
MARK B. THOMAS
ILLINOIS REGISTRATION No. 062-057218
EXPIRATION DATE: 11/30/2025

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



LOCATION OF SECTION INDICATED THIS: - [black bar] -

APPROVED *[Signature]* 03/27/2024
PUBLIC WORKS DIRECTOR
CITY OF ROLLING MEADOWS

PASSED *April 5, 2024*
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID
BASED ON LIMITED
REVIEW *April 8, 2024*
[Signature]
REGIONAL ENGINEER

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

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

CONTRACT NO. 61J63

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022: THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), THE "DETAILS" IN THE PLANS, ROLLING MEADOWS ENGINEERING DETAILS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO VERIFY EXISTING DIMENSIONS OR CONDITIONS.
- 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 AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 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.
- 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.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ANY OTHER ROADWAY PROJECTS WITHIN THE AREA THAT ARE UNDER CONSTRUCTION AT THE SAME TIME.
- 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.
- IF ANY EXISTING PAVEMENT MARKINGS AND/OR SIGNING ALONG HICKS ROAD ARE DISTURBED DUE TO THE CONSTRUCTION OF PROPOSED IMPROVEMENTS ALONG HICKS ROAD, THE CONTRACTOR SHALL REPLACE THE DISTURBED TRAFFIC CONTROL DEVICES PER IDOT AND IDOT DISTRICT 1 STANDARDS FOR PAVEMENT MARKING AND SIGNING.
- THE RESIDENT ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER VIA EMAIL AT FADI.SULTAN@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT EXCEPT FOR PERIODS OF SHORT DURATION AS APPROVED BY THE ENGINEER.
- AT THE END OF EACH DAY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT ALL STREETS ADJACENT TO THE PROJECT ARE FREE OF ALL CONSTRUCTION RELATED DEBRIS INCLUDING DIRT, STONE, NAILS, ETC. THE WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AND THE CITY OF ROLLING MEADOWS.
- TREE REMOVALS AND TREE PRUNING MAY ONLY TAKE PLACE BETWEEN NOVEMBER 1 AND MARCH 30TH TO AVOID DISTURBING THE ENDANGERED NORTHERN LONG-EARED BAT.
- 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 CITY, 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.

15. 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.

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE COOK COUNTY PERMIT DIVISION, MR. MICHAEL STERR AT (312) 603-1670 AND THE CCDOTH DESIGN ENGINEER AT (312) 603-1730 AT LEAST 5 DAYS PRIOR TO BEGINNING CONSTRUCTION.
- IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG COOK COUNTY ROADWAYS IS DAMAGED DUE TO CONSTRUCTION OF PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES, PAVEMENT MARKING, AND SIGNAGE INCLUDED IN THE PLANS
- DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS ALONG EUCLID AVENUE, TWO WAY TRAFFIC SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. IF ANY ACTIVITY REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00 A.M. TO 3:00 P.M. FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.
- TRENCH BACKFILL MEETING THE REQUIREMENTS OF ARTICLE 208.02 OF THE IDOT STANDARDS SPECIFICATIONS IS REQUIRED FOR ANY OPEN TRENCHES IN COUNTY RIGHT-OF-WAY.
- CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, FIBER CABLES AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUITS, CABLES AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUITS, CABLES AND/OR EQUIPMENT.
- COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS IS NOT PART OF JULIE. FOR LOCATION OF TRAFFIC SIGNAL EQUIPMENT, CONTACT THE MECHANICAL, ELECTRICAL, ARCHITECTURAL AND LANDSCAPING DIVISION AT 312-603-1730.
- THE CCDOTH PERMIT HAS BEEN PROCESSED. THE CONTRACTOR MUST SUBMIT CONTRACTOR INSURANCE AND BOND TO CCDOTH TO FINALIZE AND RECEIVE FINAL PERMIT. CCDOTH PERMIT REFERENCE # IS 2023-02060.

HIGHWAY STANDARDS

- 000001 - 08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001 - 11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424011 - 04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 601001 - 05 PIPE UNDERDRAINS
- 602001-02 CATCH BASIN TYPE A
- 602011-02 CATCH BASIN TYPE C
- 602402-03 PRECAST MANHOLE TYPE A 5' DIAMETER
- 602406-11 PRECAST MANHOLE TYPE A 6' DIAMETER
- 604016-04 FRAME AND GRATE TYPE 4
- 606001 - 08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701101 - 05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701106 - 02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701301 - 04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701426 - 09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
- 701427 - 05 LANE CLOSURE, MULTI-LANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH
- 701501 - 06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701606 - 10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701 - 10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801 - 06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901 - 09 TRAFFIC CONTROL DEVICES
- 720001 - 01 SIGN PANEL MOUNTING DETAILS
- 720006 - 04 SIGN PANEL ERECTION DETAILS
- 728001 - 01 TELESCOPING STEEL SIGN SUPPORT
- 729001 - 01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
- 731001 - 01 BASE FOR TELESCOPING STEEL SIGN SUPPORT

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, INDEX, AND LISTING OF HIGHWAY STANDARDS
3	MWRD GENERAL NOTES
4 - 9	SUMMARY OF QUANTITIES
10-11	TYPICAL SECTIONS
12	EARTHWORK SCHEDULE
13-14	ALIGNMENTS, TIES AND BENCHMARKS
15-17	EXISTING CONDITIONS AND REMOVAL PLAN
18-22	PROPOSED PLAN AND PROFILE
23-25	EROSION CONTROL PLANS
26-28	DRAINAGE PLAN AND PROFILE
29-38	TRAFFIC SIGNAL PLANS
39-41	ADA GRADING DETAILS
42-49	CONSTRUCTION DETAILS
50-52	DISTRICT ONE DETAILS
53-67	CROSS SECTIONS

DISTRICT ONE DETAILS

TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN

COMMITMENTS

PER CCDOTH DRIVEWAY POLICY AND CCDOTH SIDEWALK AND SHARE USE PATH POLICY: BIKEWAY THROUGH DRIVEWAYS SHALL BE PCC.

MWRD GENERAL NOTES

- A. REFERENCED SPECIFICATIONS**
- 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;
 * CITY OF ROLLING MEADOWS 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**
- 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).
 - THE CITY OF ROLLING MEADOWS ENGINEERING 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**
- ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 - 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.
 - 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.
 - 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.
 - THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
 - ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
 - 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**
- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
 - 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.
 - 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 ROLLING MEADOWS AND/OR MWRD.
 - ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
 - ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
 - ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.

- 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
- ALL SANITARY SEWER CONSTRUCTION (AND STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS), REQUIRES STONE BEDDING WITH STONE ¾" 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.
- NON-SHEAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR PIPE MATERIALS.
- 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.
- 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 CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS AND PROPER INSTALLATION OF HUBWYE SADDLE OR HUB-TEE SADDLE.
 - REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 - 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.
- 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 WATERMANS 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.
- ALL EXISTING SEPTIC SYSTEMS SHALL BE ABANDONED. ABANDONED TANKS SHALL BE FILLED WITH GRANULAR MATERIAL OR REMOVED.
- 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.
- 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.

- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH AT LEAST 2 FEET LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
 - 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.
 - 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**
- CONTRACTOR SHALL INSTALL INLET PROTECTION FOR ALL STRUCTURES WITHIN THE PROPOSED LIMITS OF DISTURBANCE.
 - THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGIC DISTURBANCE OF THE SITE.
 - ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
 - A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
 - INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO ANY SOIL DISTURBANCE.
 - 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.
 - 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.
 - 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.
 - 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.
 - MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.
 - 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.
 - 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.
 - ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, BE PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
 - VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
 - 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.
 - EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET.
 - STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
 - 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.
- 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.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR THE INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMANS 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.
 - ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAYS FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.
 - 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.
 - ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
 - 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.

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HICKS ROAD BIKE PATH MWRD GENERAL NOTES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\ROLLINGMEADOWS\980361.BR\BR200\980361BR245\Civil\NOT_93861BR245_02.sht		DRAWN -	REVISED -			2592	19-00123-00-BT	COOK	67	3	
		CHECKED -	REVISED -			CONTRACT NO. 61J63					
Default	PLOT DATE = 10/24/2024	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO

SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 URBAN
Δ	20101200	TREE ROOT PRUNING	EACH	3	3
Δ	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	4	4
Δ	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2	2
Δ	20101400	NITROGEN FERTILIZER NUTRIENT	POUND	54	54
Δ	20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	54	54
Δ	20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	54	54
	20200100	EARTH EXCAVATION	CU YD	424	424
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	834	834
	20400800	FURNISHED EXCAVATION	CU YD	371	371
	20800150	TRENCH BACKFILL	CU YD	245	245
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2140	2140
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2740	2740
Δ	25000110	SEEDING, CLASS 1A	ACRE	0.5	0.5
Δ	25100630	EROSION CONTROL BLANKET	SQ YD	1757	1757
Δ	25200100	SODDING	SQ YD	984	984
Δ	25200200	SUPPLEMENTAL WATERING	UNIT	55	55

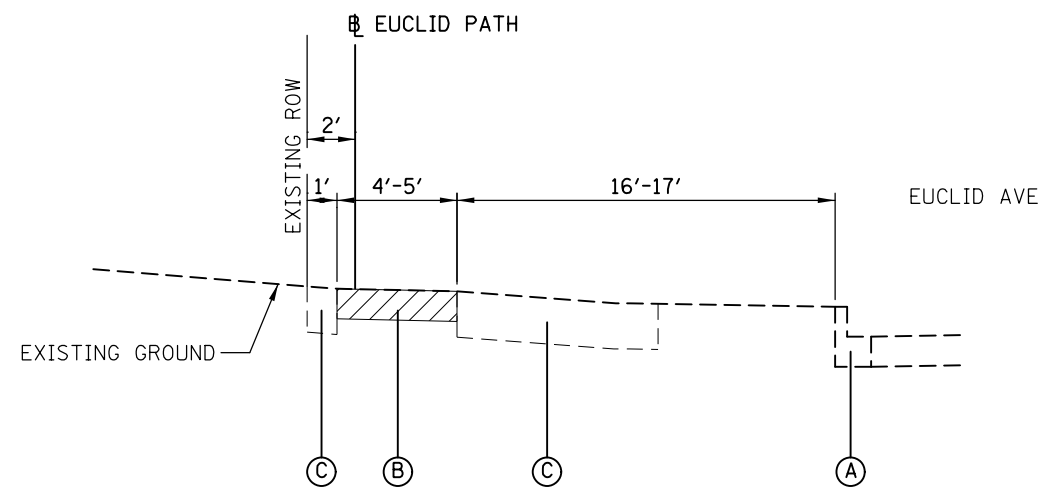
SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 URBAN
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	57	57
	28000400	PERIMETER EROSION BARRIER	FOOT	1262	1262
	28000510	INLET FILTERS	EACH	9	9
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	60	60
	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	104	104
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	837	837
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2331	2331
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	69	69
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5245	5245
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	512	512
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	478	478
	42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1993	1993
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	822	822
	44000300	CURB REMOVAL	FOOT	124	124
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	483	483
	44000600	SIDEWALK REMOVAL	SQ FT	10935	10935

SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 URBAN
	52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1771	1771
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	170	170
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	194	194
	550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	181	181
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	174	174
	55100700	STORM SEWER REMOVAL 15"	FOOT	249	249
	60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	843	843
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	4	4
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	2	2
	60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2
	60250700	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 4 FRAME AND GRATE	EACH	1	1
	60255500	MANHOLES TO BE ADJUSTED	EACH	4	4
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2
	60500040	REMOVING MANHOLES	EACH	2	2

SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 URBAN
	60500050	REMOVING CATCH BASINS	EACH	1	1
	60600605	CONCRETE CURB, TYPE B	FOOT	209	209
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	357	357
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	346	346
Δ	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	105	105
Δ	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
Δ	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
Δ	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
Δ	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10
	67100100	MOBILIZATION	L SUM	1	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	329	329
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	546	546

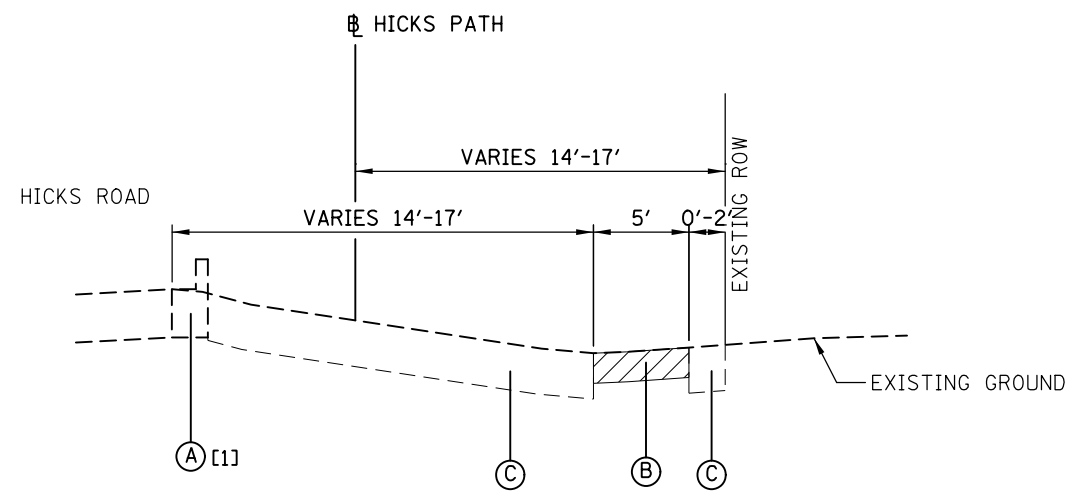
SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 URBAN
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	37	37
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	180	180
Δ	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	13	13
Δ	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1
Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	448	448
Δ	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	462	462
Δ	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	26	26
Δ	87900200	DRILL EXISTING HANDHOLE	EACH	1	1
Δ	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2
Δ	89502200	MODIFY EXISTING CONTROLLER	EACH	1	1
Δ	89502376	REBUILD EXISTING HANDHOLE	EACH	1	1
Δ	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4
Δ	A2007820	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4
Δ	A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER , BALLED AND BURLAPPED	EACH	2	2
Δ	C2C01024	SHRUB, BUXUS MICROPHYLLA WINTERGREEN (WINTERGREEN LITTLELEAF BOXWOOD), 2' HEIGHT, CONTAINER	EACH	12	12
	X0326806	WASHOUT BASIN	L SUM	1	1

SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	FACILITIES FOR BICYCLE/PEDESTRIAN TRAILS 0028 URBAN
Δ	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1	1
Δ	X2010400	STUMP REMOVAL ONLY	UNIT	256	256
	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	156	156
	X5427602	REMOVE EXISTING FLARED END SECTION	EACH	1	1
	X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	3	3
Δ	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2	2
Δ	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4	4
Δ	XX000882	WOOD FENCE	FOOT	200	200
	XX006066	SIGN TO BE RELOCATED	EACH	2	2
	XX007037	SAFETY FENCE	FOOT	1613	1613
	Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	48	48
	Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	69	69
	Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	137	137
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	104	104
Δ	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1	1



**EXISTING EUCLID AVE.
TYPICAL SECTION**

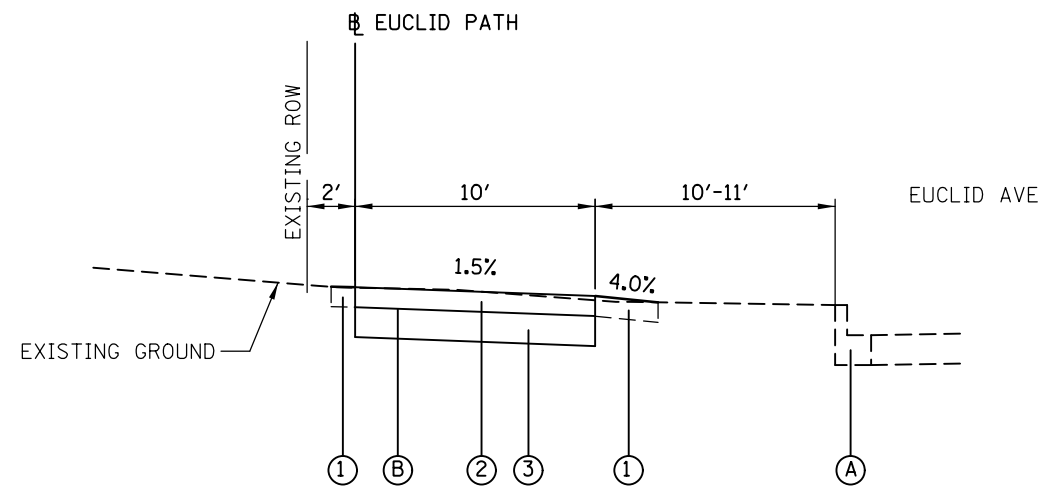
STA. 10+00 TO 19+93



**EXISTING HICKS ROAD
TYPICAL SECTION**

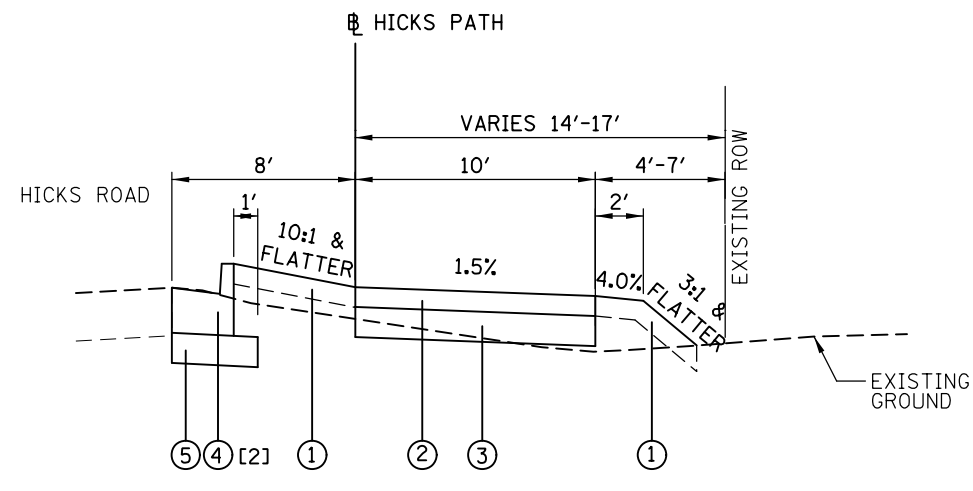
STA. 39+71 TO 42+72
STA. 50+67 TO 55+06

[1] EX C&G PRESENT
STA. 39+71 TO 42+47
STA. 53+34 TO 55+06



**PROPOSED EUCLID AVE.
TYPICAL SECTION**

STA. 10+00 TO 19+93



**PROPOSED HICKS ROAD
TYPICAL SECTION**

STA. 39+71 TO 42+72
STA. 50+67 TO 55+06

[2] STA. 51+12 TO 53+34

EXISTING LEGEND

- (A) EXISTING CURB AND GUTTER
- (B) EXISTING SIDEWALK TO BE REMOVED
- (C) TOPSOIL STRIPPING (VARIES 8''-21'')

REMOVAL ITEMS

PROPOSED LEGEND

- (1) TOPSOIL FURNISH AND PLACE, 4''
- (2) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N50, 4''
- (3) AGGREGATE BASE COURSE, TYPE B 6''
- (4) COMBINATION CONC C&G, TYPE B-6.24
- (5) SUBBASE GRANULAR MATERIAL, TYPE B 6''
- (6) SEGMENTAL CONCRETE BLOCK WALL
- (7) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

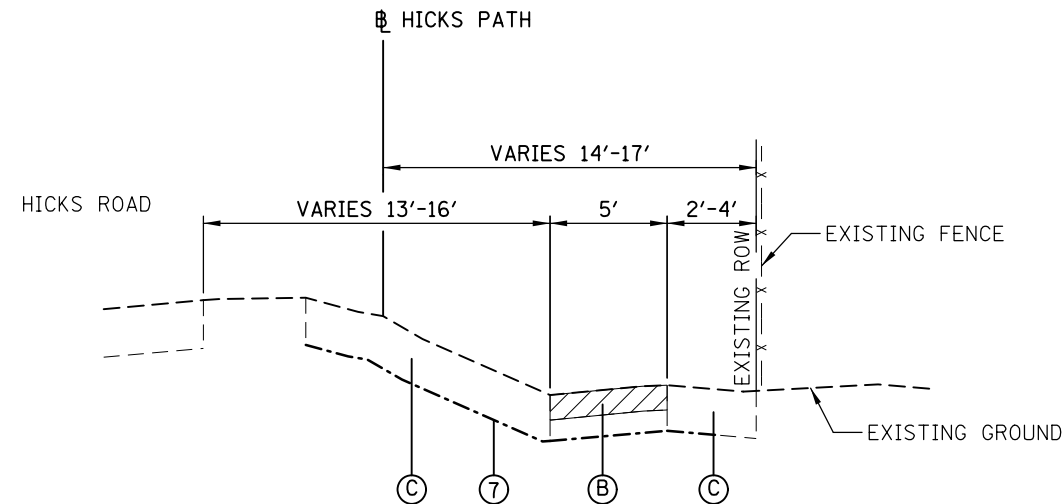
FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR\BR200\980361BR245\Civil\TYP_980361BR245_01.shd		DRAWN -	REVISED -
Default	PLOT SCALE = 8'	CHECKED -	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HICKS ROAD BIKE PATH
TYPICAL SECTIONS

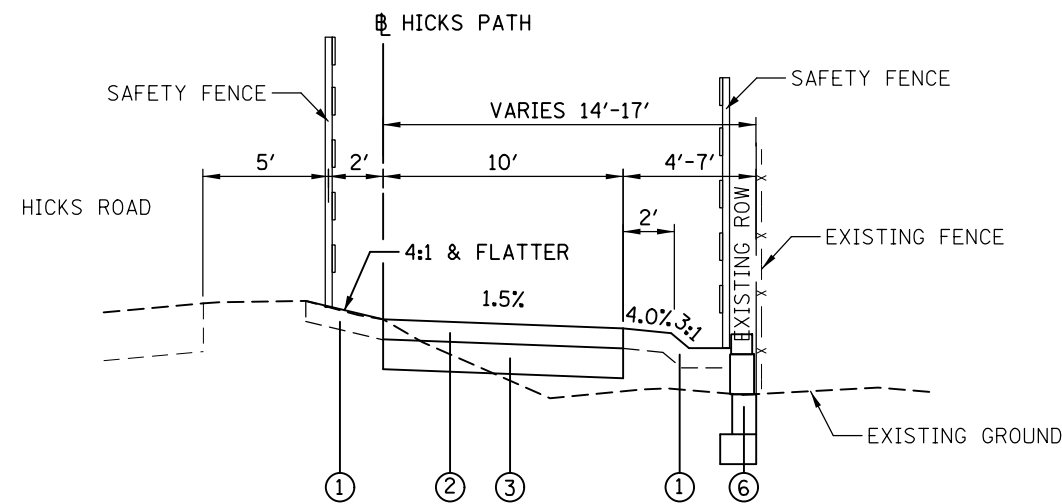
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	10
			CONTRACT NO. 61J63	
ILLINOIS FED. AID PROJECT				



**EXISTING HICKS ROAD
TYPICAL SECTION**

STA. 42+72 TO 50+67



**PROPOSED HICKS ROAD
TYPICAL SECTION**

STA. 42+72 TO 50+67

EXISTING LEGEND

- (A) EXISTING CURB AND GUTTER
- (B) EXISTING SIDEWALK TO BE REMOVED
- (C) TOPSOIL STRIPPING (VARIES 8"-21")
- REMOVAL ITEMS

PROPOSED LEGEND

- ① TOPSOIL FURNISH AND PLACE, 4"
- ② HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N50, 4"
- ③ AGGREGATE BASE COURSE, TYPE B 6"
- ④ COMBINATION CONC C&G, TYPE B-6.24
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ⑥ SEGMENTAL CONCRETE BLOCK WALL
- ⑦ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

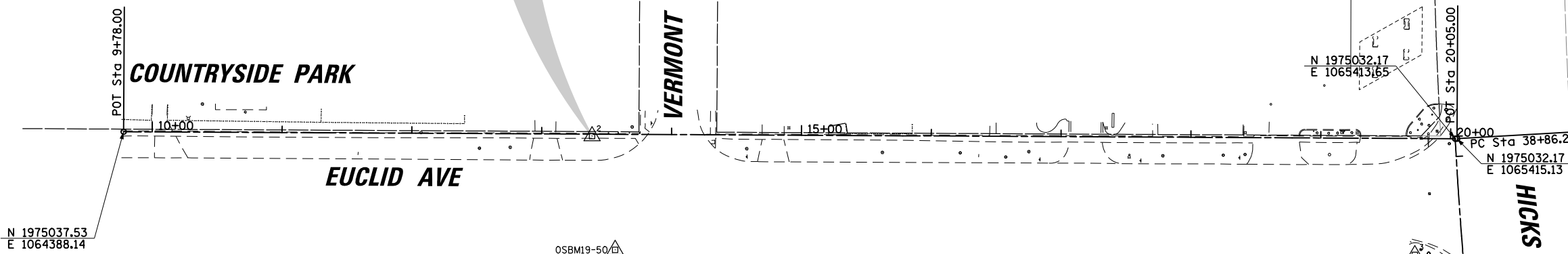
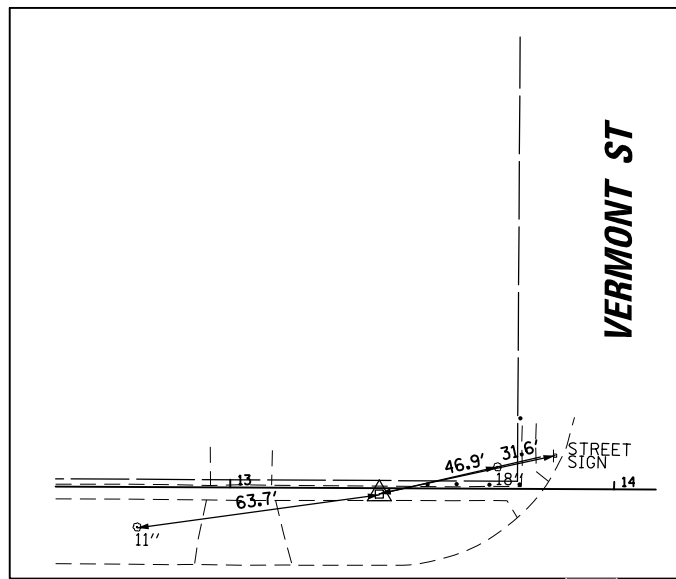
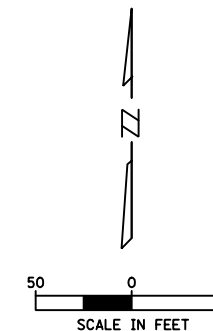
MIXTURE TYPE	AIR VOIDS @NDES	QMP
SHARED USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 4" (IN 2 LIFTS)	4% @ 50 GYR.	LR-1030-2
HMA DRIVEWAY 3"		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3" (IN 2 LIFTS)	4% @ 50 GYR.	LR-1030-2
HMA DRIVEWAY 4"		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.75"	4% @ 50 GYR.	LR-1030-2
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50, 2.25"	4% @ 50 GYR.	LR-1030-2
HMA DRIVEWAY 8"		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 GYR.	LR-1030-2
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50, 6"	4% @ 50 GYR.	LR-1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQYD/IN.

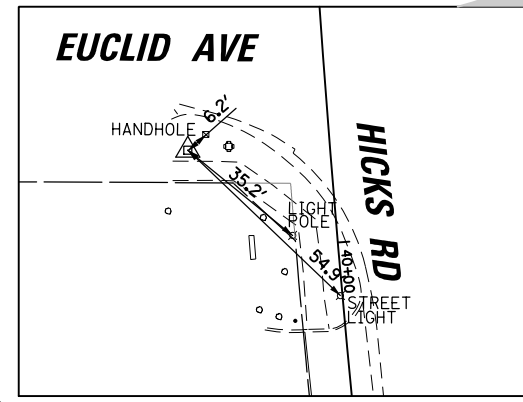
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

EARTHWORK SCHEDULE							
STATION			20200100	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	20201200
			EARTH EXCAVATION				REMOVAL AND DISPOSAL OF UNSUITABLE
			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
EUCLID AVE							
10+00	TO	10+10	5.8	4.9	0.0	4.9	0.0
10+10	TO	10+50	18.6	15.8	0.8	15.0	5.0
10+50	TO	11+00	5.1	4.3	6.6	-2.3	18.2
11+00	TO	11+50	4.9	4.2	9.0	-4.8	21.3
11+50	TO	12+00	5.4	4.6	5.6	-1.0	17.9
12+00	TO	12+50	6.1	5.2	4.3	0.9	19.7
12+50	TO	13+00	23.5	20.0	2.1	17.9	11.2
13+00	TO	13+50	24.5	20.8	1.3	19.5	11.6
13+50	TO	14+50	14.6	12.4	7.6	4.8	39.4
14+50	TO	14+78	22.6	19.2	1.4	17.8	4.6
14+78	TO	15+00	17.4	14.8	1.8	13.0	4.3
15+00	TO	15+50	5.2	4.4	10.0	-5.6	21.9
15+50	TO	16+00	6.5	5.5	10.8	-5.3	23.1
16+00	TO	16+50	6.9	5.9	9.8	-3.9	21.5
16+50	TO	17+00	6.9	5.9	6.3	-0.4	17.0
17+00	TO	17+19	8.0	6.8	0.5	6.3	2.5
17+19	TO	17+50	13.1	11.1	0.7	10.4	3.7
17+50	TO	18+00	7.4	6.3	3.1	3.2	14.1
18+00	TO	18+50	28.0	23.8	1.9	21.9	8.1
18+50	TO	18+66	15.5	13.2	0.0	13.2	0.0
18+66	TO	19+00	18.9	16.1	1.9	14.2	8.3
19+00	TO	19+50	8.7	7.4	4.7	2.7	12.2
EUCLID AVE SUBTOTAL			273.6	232.6	90.2	142.4	285.6
HICKS ROAD							
40+00	TO	40+38	10.9	9.3	2.0	7.3	3.8
40+38	TO	40+50	3.2	2.7	0.0	2.7	0.0
40+50	TO	41+00	14.2	12.1	0.0	12.1	2.6
41+00	TO	41+21	6.0	5.1	0.0	5.1	1.1
41+21	TO	41+50	8.0	6.8	0.7	6.1	3.8
41+50	TO	42+00	19.1	16.2	1.2	15.0	6.6
42+00	TO	42+50	12.4	10.5	23.1	-12.6	13.1
42+50	TO	43+00	0.6	0.5	37.3	-36.8	24.3
43+00	TO	43+50	1.6	1.4	30.6	-29.2	20.4
43+50	TO	44+00	1.9	1.6	30.3	-28.7	18.5
44+00	TO	44+50	1.6	1.4	28.2	-26.8	22.3
44+50	TO	45+00	1.3	1.1	28.8	-27.7	25.4
45+00	TO	45+50	1.3	1.1	26.0	-24.9	23.0
45+50	TO	46+00	1.2	1.0	22.8	-21.8	20.9
46+00	TO	46+50	1.9	1.6	24.4	-22.8	20.5
46+50	TO	47+00	2.4	2.0	28.2	-26.2	21.0
47+00	TO	47+50	1.8	1.5	32.2	-30.7	22.9
47+50	TO	48+00	2.0	1.7	37.1	-35.4	23.8
48+00	TO	48+26	1.0	0.9	22.3	-21.4	12.2
48+26	TO	48+50	0.8	0.7	22.6	-21.9	12.4
48+50	TO	49+00	1.7	1.4	39.1	-37.7	24.8
49+00	TO	49+50	1.2	1.0	29.3	-28.3	23.7
49+50	TO	50+00	0.6	0.5	20.6	-20.1	21.8
50+00	TO	50+50	0.3	0.3	11.9	-11.6	20.1
50+50	TO	51+00	2.5	2.1	6.9	-4.8	17.5
51+00	TO	51+50	4.8	4.1	21.6	-17.5	20.5
51+50	TO	52+00	4.7	4.0	42.1	-38.1	26.9
52+00	TO	52+15	1.3	1.1	13.4	-12.3	8.4
52+15	TO	52+50	3.8	3.2	16.7	-13.5	10.0
52+50	TO	53+00	4.7	4.0	12.0	-8.0	12.3
53+00	TO	53+50	9.3	7.9	10.6	-2.7	12.3
53+50	TO	54+00	8.5	7.2	5.0	2.2	9.2
54+00	TO	54+50	2.1	1.8	5.8	-4.0	19.0
54+50	TO	55+00	5.1	4.3	6.7	-2.4	19.3
55+00	TO	55+19	6.4	5.4	1.8	3.6	3.6
HICKS ROAD SUBTOTAL			150.2	127.5	641.3	-513.8	548.0
PROJECT TOTALS			423.8	360.1	731.5	-371.4	833.6

20200100	20400800	20201200
EARTH EXCAVATION	FURNISHED EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
(CU YD)	(CU YD)	(CU YD)
424	371	834



PROP. CURVE PR_HICKS1
 PI STA. = 40+55.07
 $\Delta = 4^\circ 53' 58''$ (LT)
 D = 1° 27' 08"
 R = 3,945.64'
 T = 168.80'
 L = 337.40'
 E = 3.61'
 P.C. STA. = 38+86.27
 P.T. STA. = 42+23.67



CP	STA	OFFSET	NORTHING	EASTING	CP
2	13+38.84	1.52 RT	1975034.13	1126382.45	CP-XCUT
3	19+72.92	89.56 RT	1933068.21	1126709.66	CP-REBAR

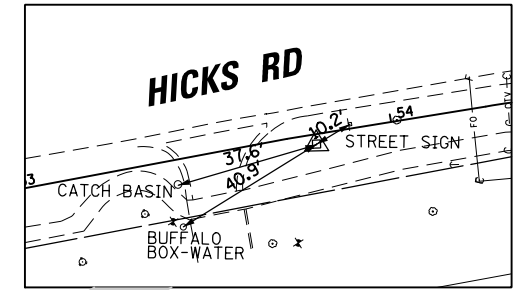
ELEVATION BENCHMARKS DATUM: NAVD'88 (GPS OBSERVED)		
NO.	DESCRIPTION	ELEV.
OSBM 19-50	SOUTHWEST BOLT OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF EUCLID AV & VERMONT ST	738.18
OSBM 19-51	NORTHWEST BOLT OF LIGHT POLE BASE ON EAST SIDE OF HICKS RD AT THE SECOND POLE SOUTH OF PARKING LOT #2200	749.09

PROP. CURVE PR_HICKS2
 PI STA. = 45+24.47
 $\Delta = 2^\circ 02' 01''$ (LT)
 $D = 1^\circ 27' 14''$
 $R = 3,941.22'$
 $T = 69.95'$
 $L = 139.89'$
 $E = 0.62'$
 P.C. STA. = 44+54.52
 P.T. STA. = 45+94.41

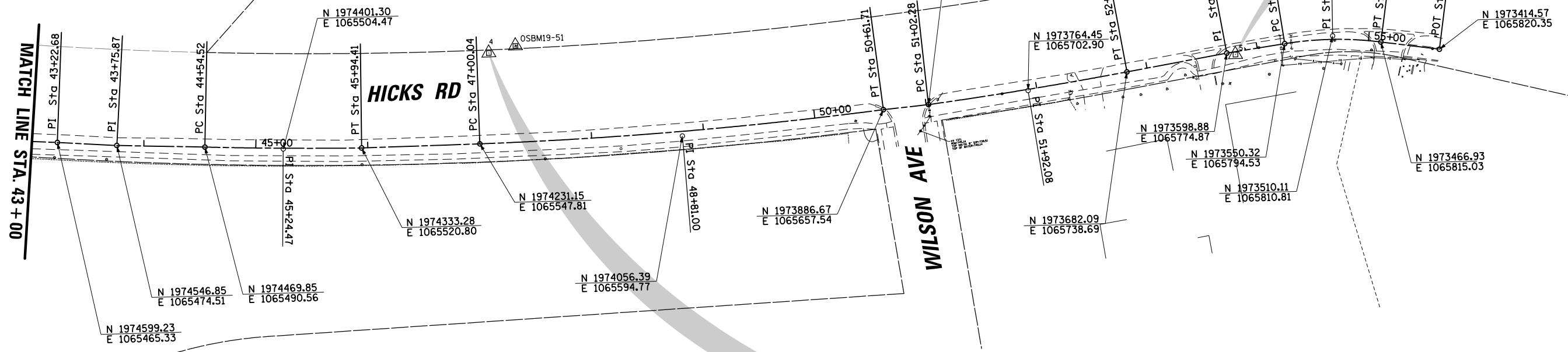
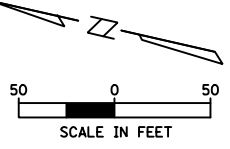
PROP. CURVE PR_HICKS3
 PI STA. = 48+81.00
 $\Delta = 5^\circ 15' 33''$ (LT)
 $D = 1^\circ 27' 15''$
 $R = 3,940.22'$
 $T = 180.96'$
 $L = 361.67'$
 $E = 4.15'$
 P.C. STA. = 47+00.04
 P.T. STA. = 50+61.71

PROP. CURVE PR_HICKS4
 PI STA. = 51+92.08
 $\Delta = 2^\circ 36' 38''$ (LT)
 $D = 1^\circ 27' 14''$
 $R = 3,941.22'$
 $T = 89.81'$
 $L = 179.58'$
 $E = 1.02'$
 P.C. STA. = 51+02.28
 P.T. STA. = 52+81.86

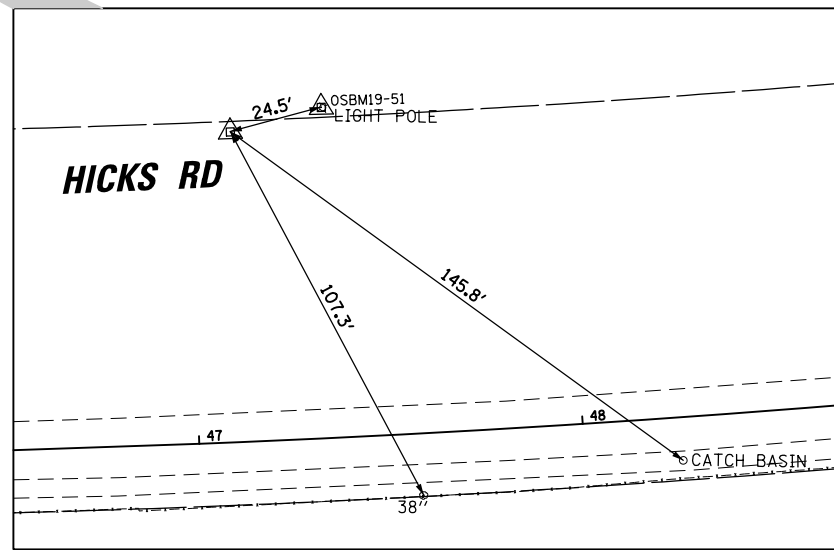
PROP. CURVE PR_HICKS5
 PI STA. = 54+68.36
 $\Delta = 16^\circ 27' 23''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 43.38'$
 $L = 86.17'$
 P.C. STA. = 54+24.98
 P.T. STA. = 55+11.15



CP-5



CP	STA	OFFSET	NORTHING	EASTING	CP
4	47+11.46	80.85 LT	1974241.33	1065628.81	CP-REBAR
5	53+79.97	2.79 RT	1973590.99	1065775.06	CP-REBAR

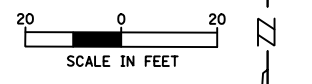
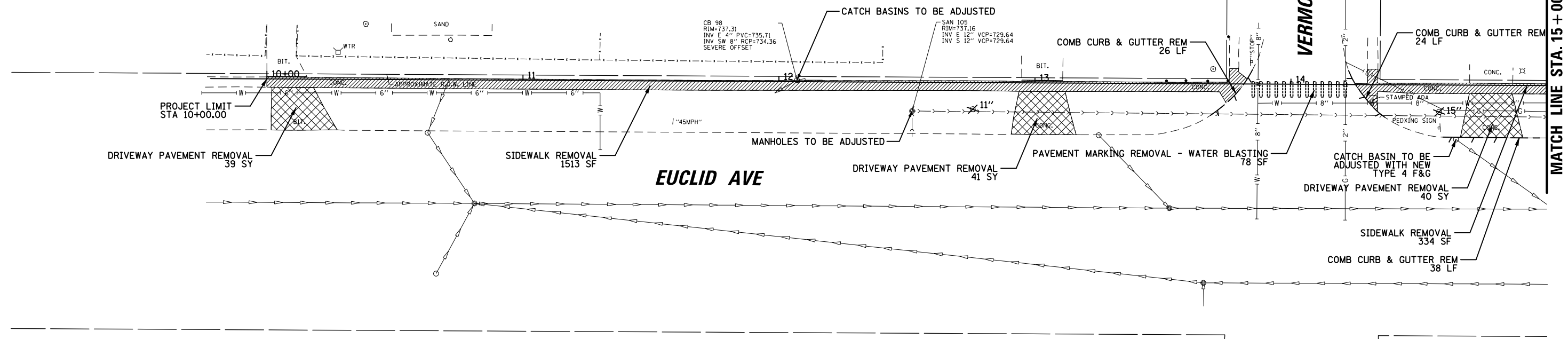


CP-4

LEGEND

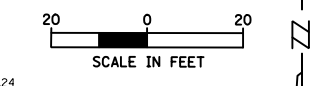
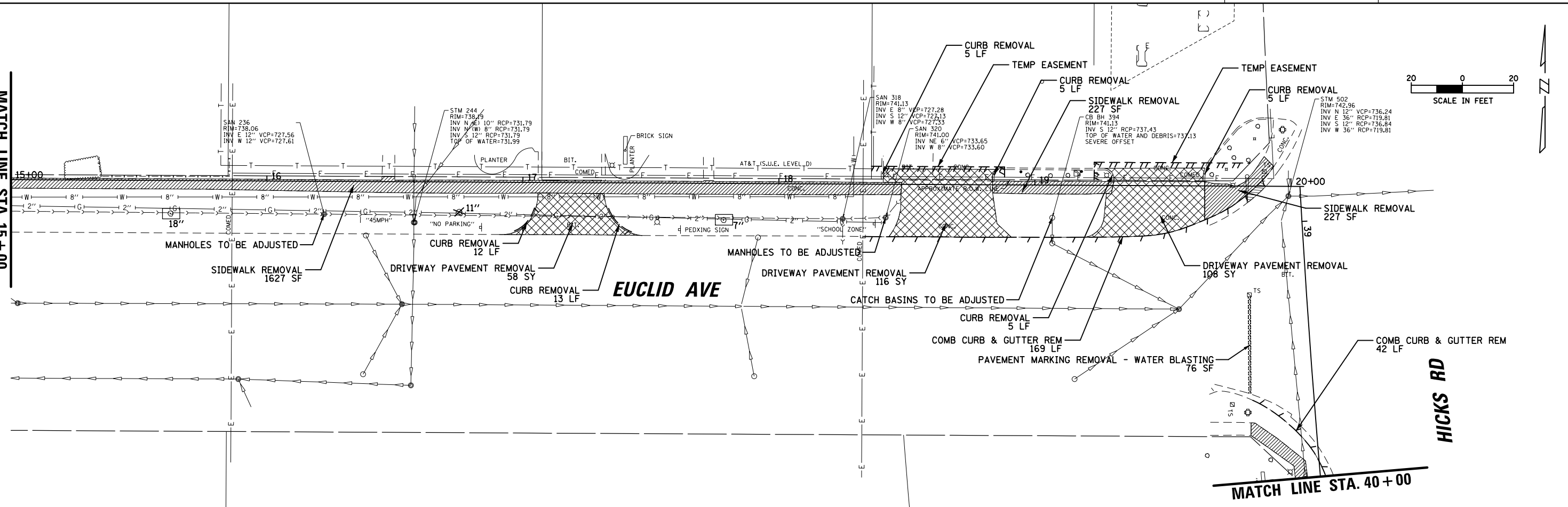
	COMBINATION CURB AND GUTTER REMOVAL		LINEAR ITEM REMOVAL
	STUMP REMOVAL ONLY		SIDEWALK REMOVAL
	TREE ROOT PRUNING, & TREE PRUNING		DRIVEWAY PAVEMENT REMOVAL

COUNTRYSIDE PARK



MATCH LINE STA. 15+00

MATCH LINE STA. 15+00

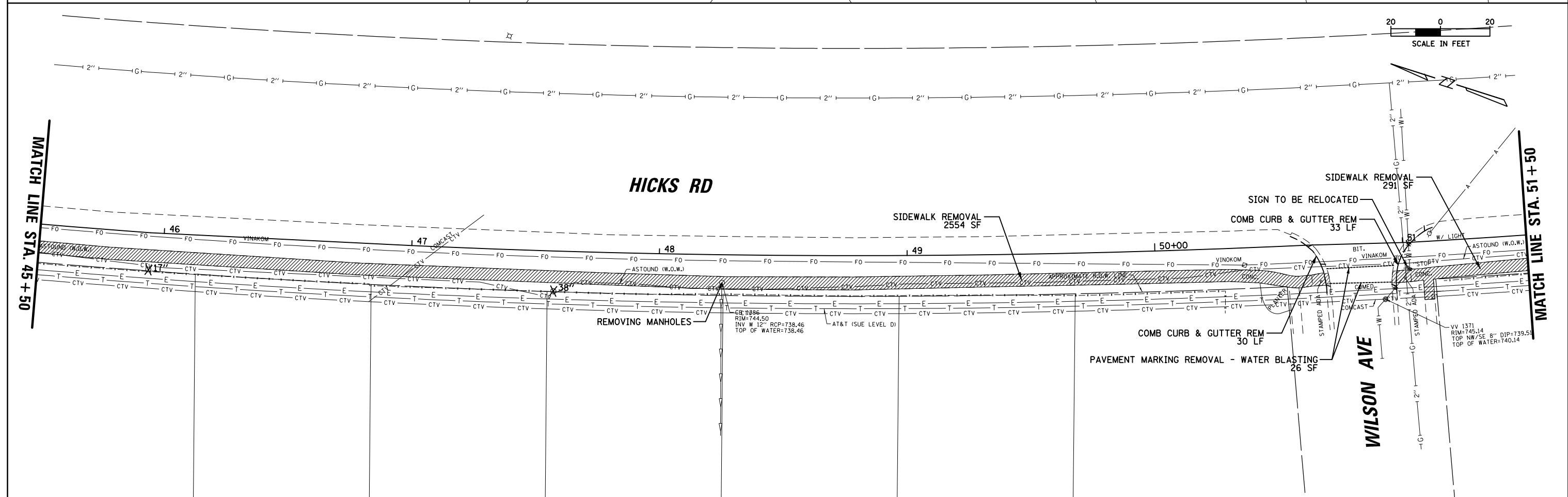
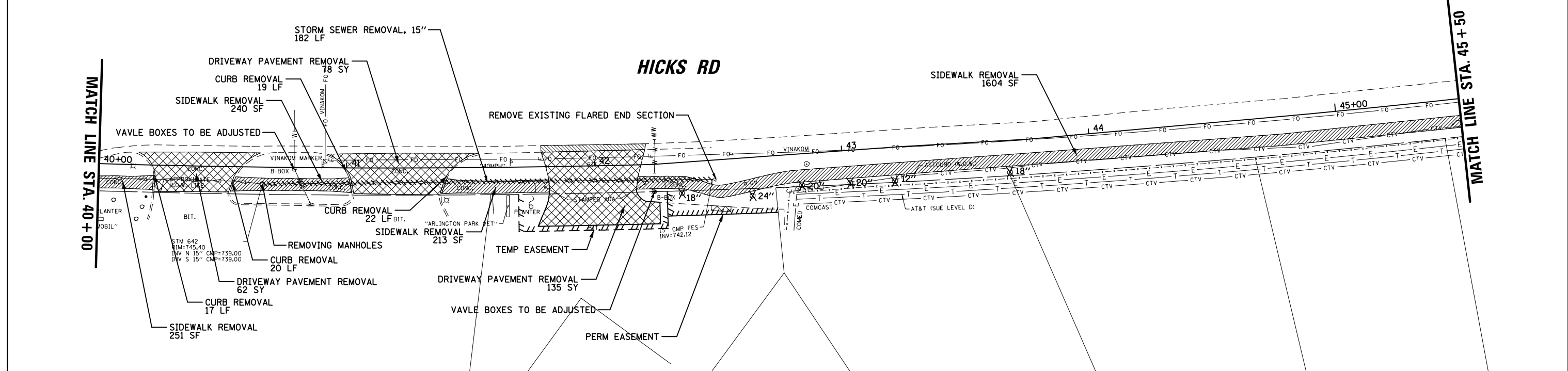
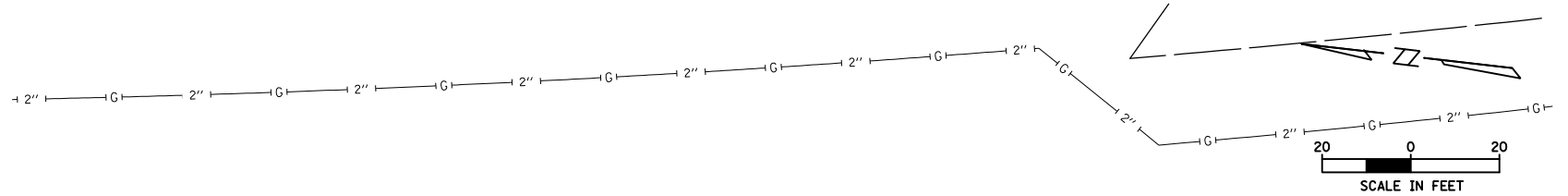


MATCH LINE STA. 40+00

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HICKS ROAD BIKE PATH EXISTING CONDITIONS AND REMOVALS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR245\Civil\REM_98361BR245_01.sht		DRAWN -	REVISED -			2592	19-00123-00-BT	COOK	67	15	
Default	PLOT DATE = 10/24/2024	CHECKED -	REVISED -			CONTRACT NO. 61J63					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

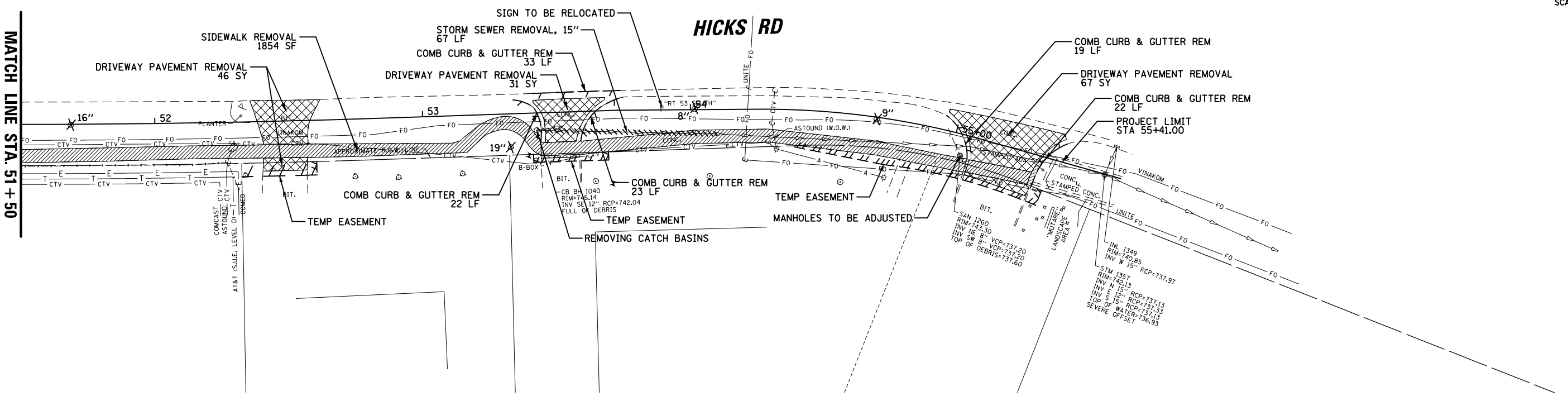
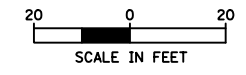
LEGEND

	COMBINATION CURB AND GUTTER REMOVAL		LINEAR ITEM REMOVAL
	STUMP REMOVAL ONLY		SIDEWALK REMOVAL
	TREE ROOT PRUNING, & TREE PRUNING		DRIVEWAY PAVEMENT REMOVAL



FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HICKS ROAD BIKE PATH EXISTING CONDITIONS AND REMOVALS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\ROLLINGMEADOWS\980361.BR\200\980361BR245\Civil\REM_980361BR245_02.sht		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT	
Default	PLOT SCALE = 48'	CHECKED -	REVISED -									COOK	67	16
	PLOT DATE = 10/24/2024	DATE -	REVISED -									CONTRACT NO. 61J63		

MATCH LINE STA. 51 + 50



LEGEND

	COMBINATION CURB AND GUTTER REMOVAL		LINEAR ITEM REMOVAL
	STUMP REMOVAL ONLY		SIDEWALK REMOVAL
	TREE ROOT PRUNING, & TREE PRUNING		DRIVEWAY PAVEMENT REMOVAL

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR\200's\980361BR245\Civil\REM_980361BR245_03.sht		DRAWN -	REVISED -
Default	PLOT DATE = 10/24/2024	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

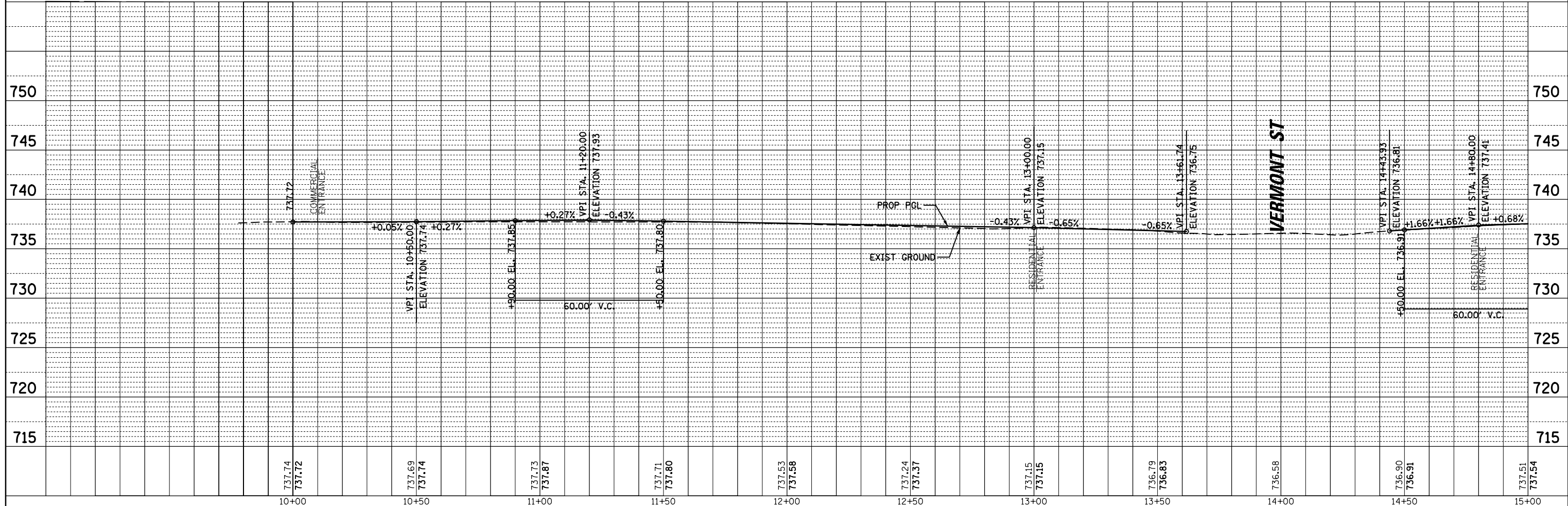
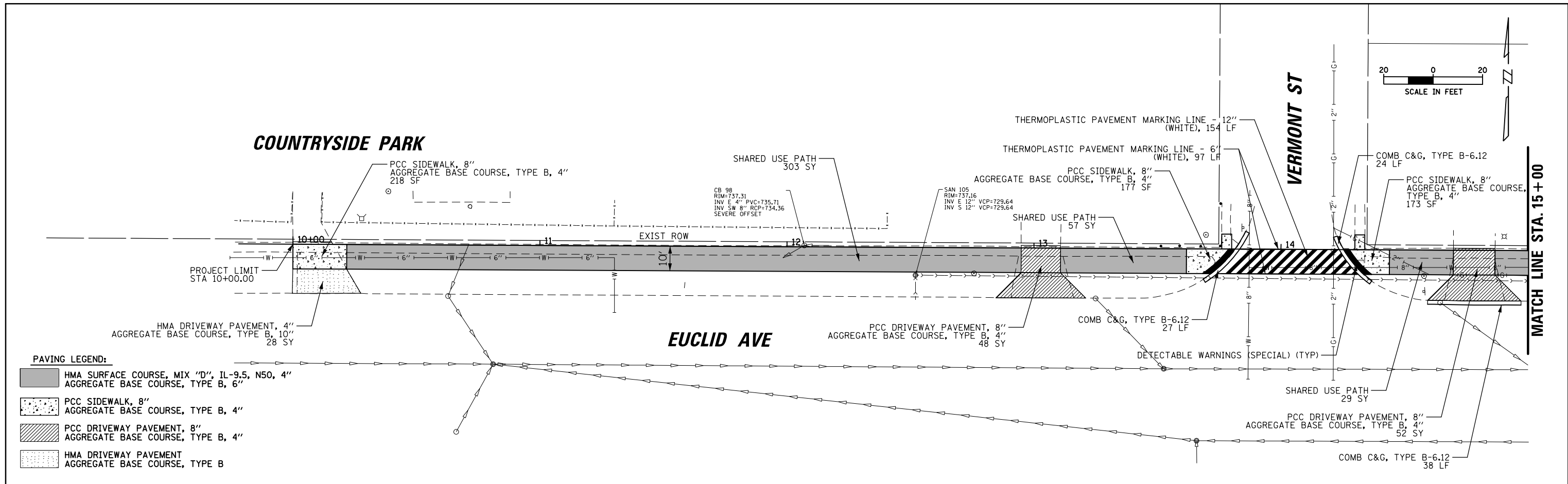
**HICKS ROAD BIKE PATH
EXISTING CONDITIONS AND REMOVALS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	17
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				

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

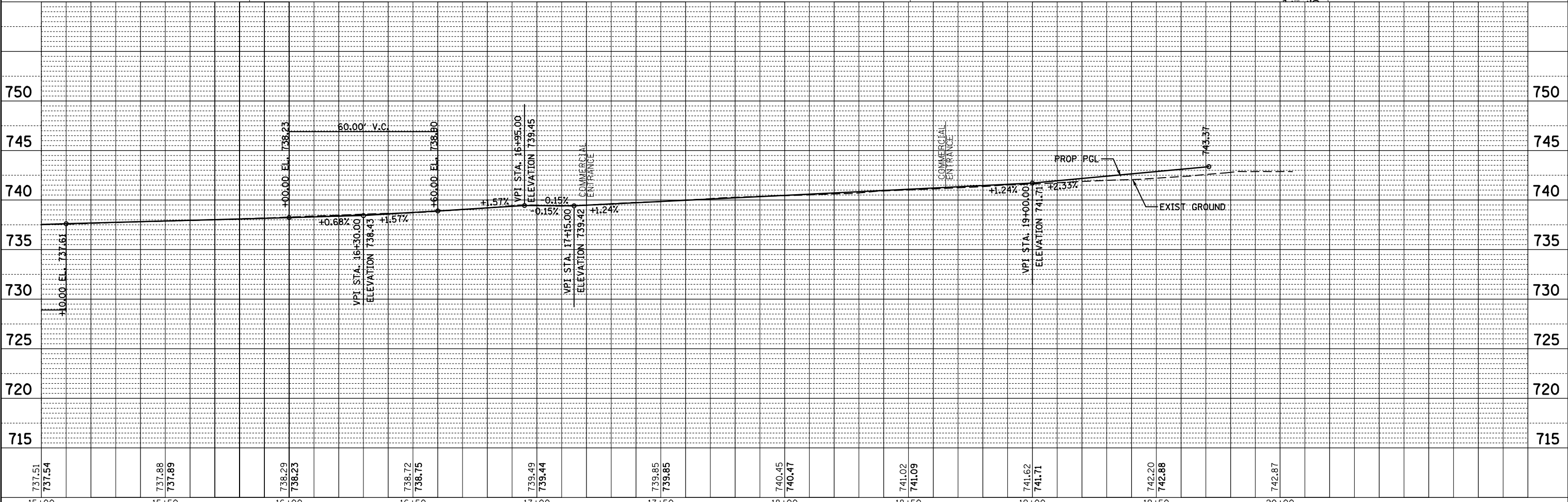
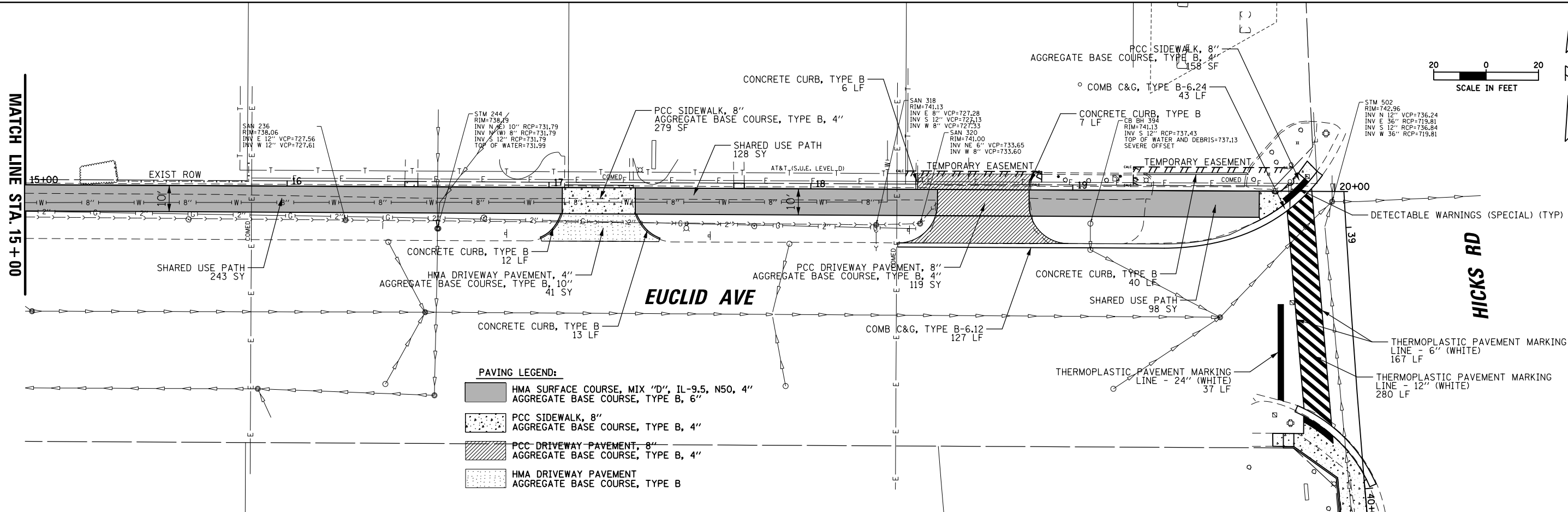
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
CHECKED	
FILE NAME	



FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				HICKS ROAD BIKE PATH PLAN AND PROFILE				F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROLLINGMEADOWS\980361.BR\98200\98361BR245\Civ11\PP_98361BR245_01.sht	PLOT SCALE = 40'	DRAWN -	REVISED -									2592	19-00123-00-BT	COOK	67	18
Default	PLOT DATE = 10/24/2024	CHECKED -	REVISED -									CONTRACT NO. 61J63				
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPAD	
	NO.	



FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR's\BR200's\98361BR245\Civ1\PP_98361BR245_02.sht		DRAWN -	REVISED -
Default	PLOT SCALE = 48'	CHECKED -	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -









STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

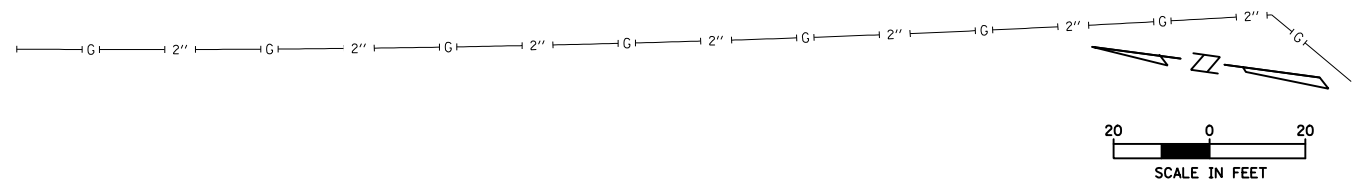
HICKS ROAD BIKE PATH
PLAN AND PROFILE

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	19
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

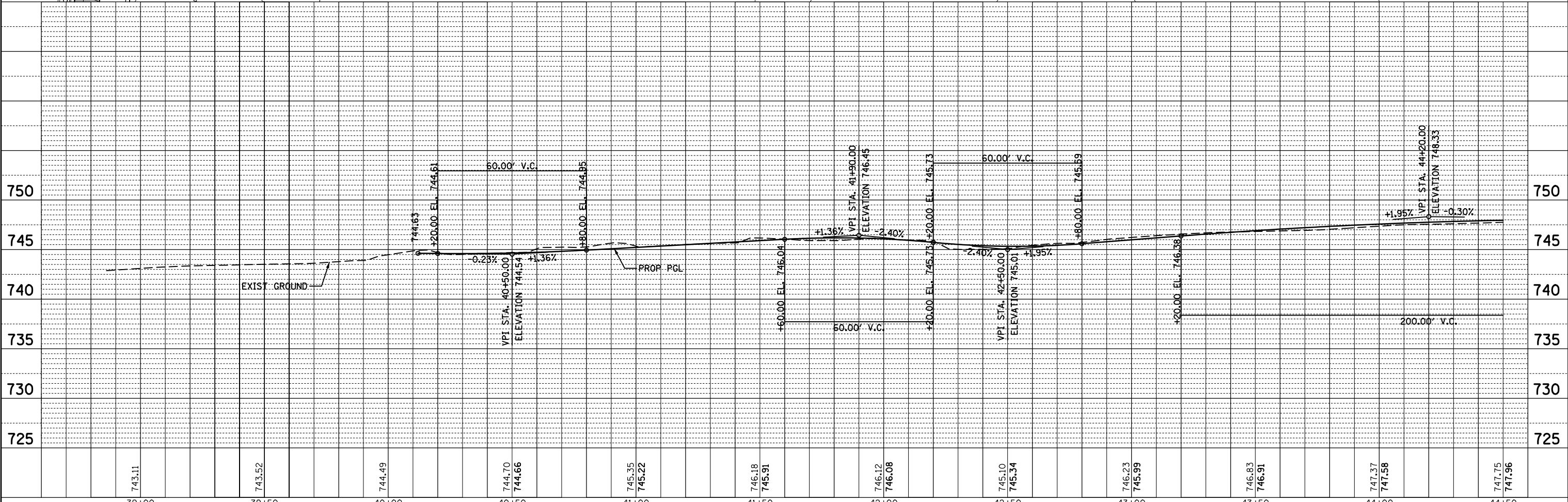
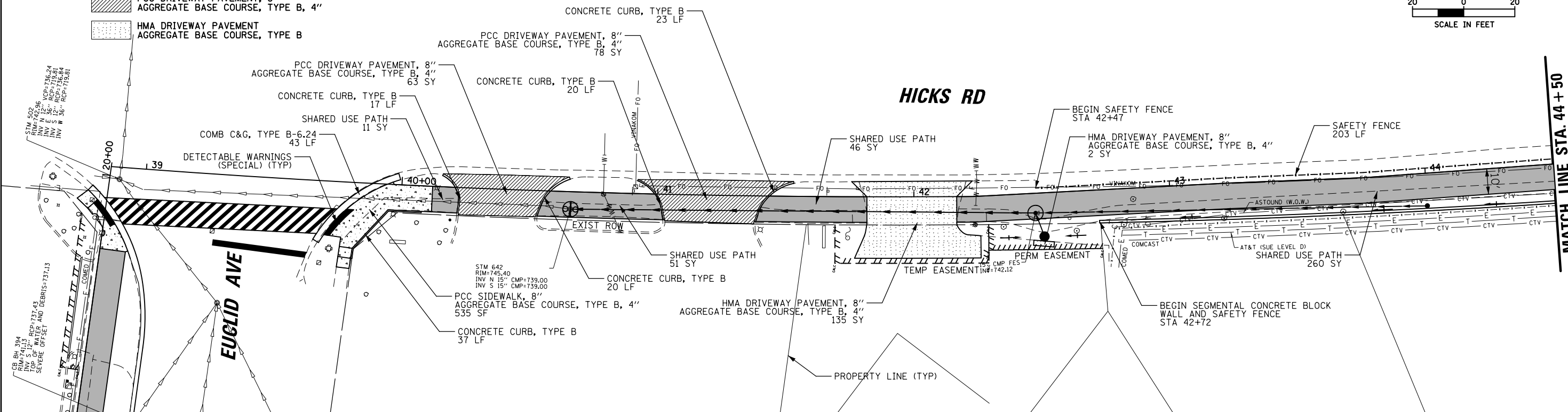
PAVING LEGEND:

-  HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 4"
-  AGGREGATE BASE COURSE, TYPE B, 6"
-  PCC SIDEWALK, 8"
-  AGGREGATE BASE COURSE, TYPE B, 4"
-  PCC DRIVEWAY PAVEMENT, 8"
-  AGGREGATE BASE COURSE, TYPE B, 4"
-  HMA DRIVEWAY PAVEMENT
-  AGGREGATE BASE COURSE, TYPE B



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	
	BY	



FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMeadows\980361.BR's\BR200's\98361BR245\Civ11\PP_98361BR245_03.sht		DRAWN -	REVISED -
Default	PLOT SCALE = 48"	CHECKED -	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

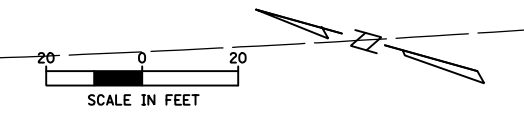
**HICKS ROAD BIKE PATH
PLAN AND PROFILE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	20
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

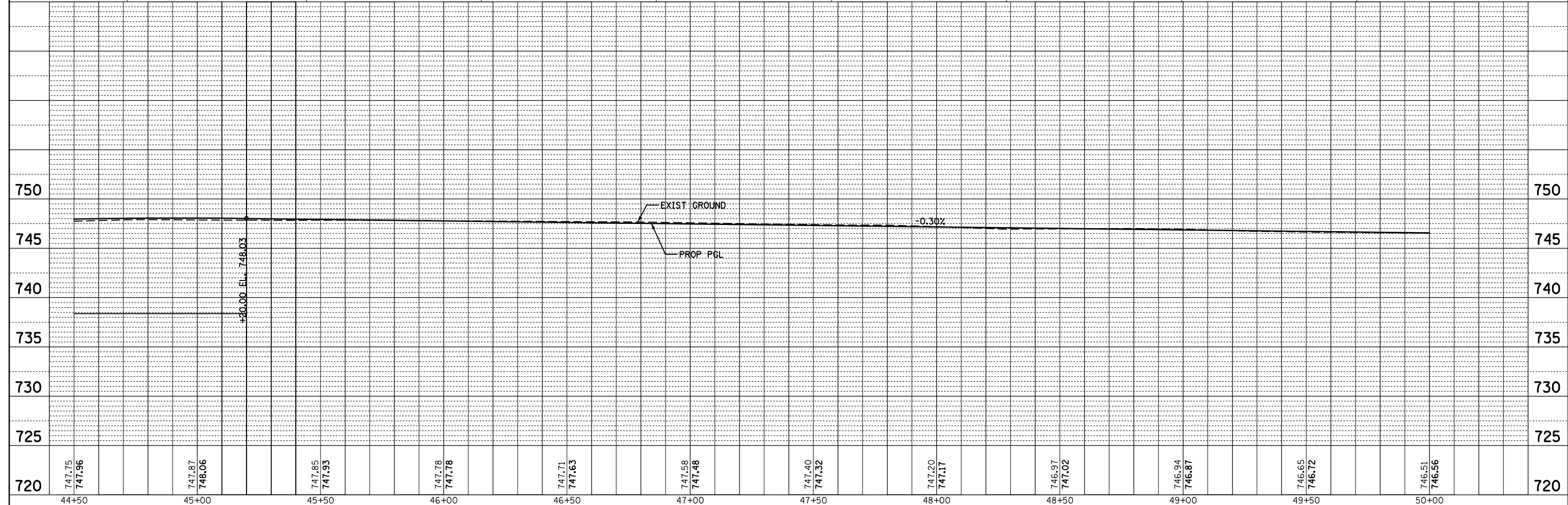
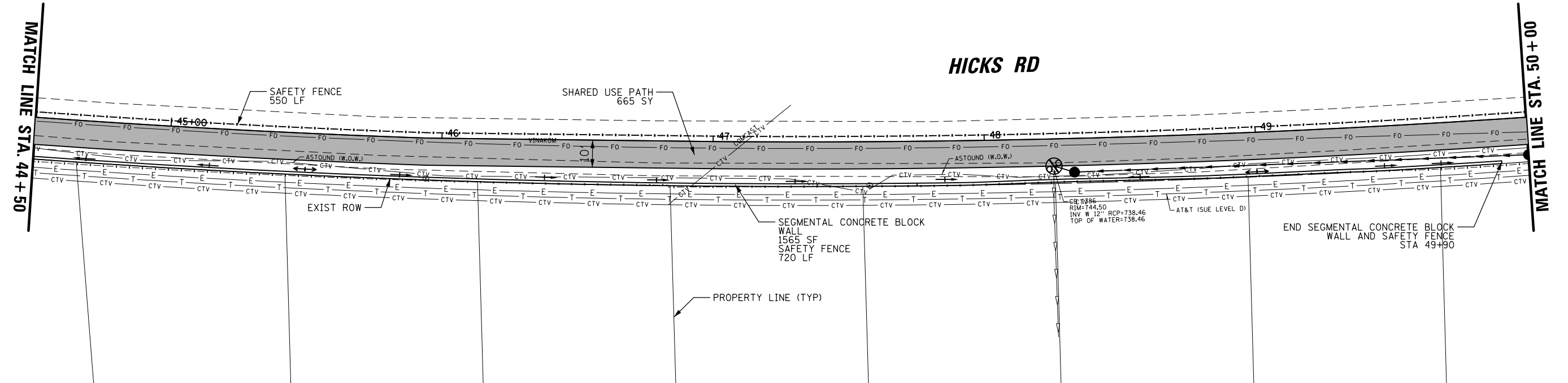
PAVING LEGEND:

-  HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 4"
AGGREGATE BASE COURSE, TYPE B, 6"
-  PCC SIDEWALK, 8"
AGGREGATE BASE COURSE, TYPE B, 4"
-  PCC DRIVEWAY PAVEMENT, 8"
AGGREGATE BASE COURSE, TYPE B, 4"
-  HMA DRIVEWAY PAVEMENT
AGGREGATE BASE COURSE, TYPE B



PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NO.	
	BY	
	DATE	



FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR's\BR200's\98361BR245\Civil1\PP_98361BR245_04.sht		DRAWN -	REVISED -
Default	PLOT SCALE = 48"	CHECKED -	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HICKS ROAD BIKE PATH
PLAN AND PROFILE**

F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	21
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				

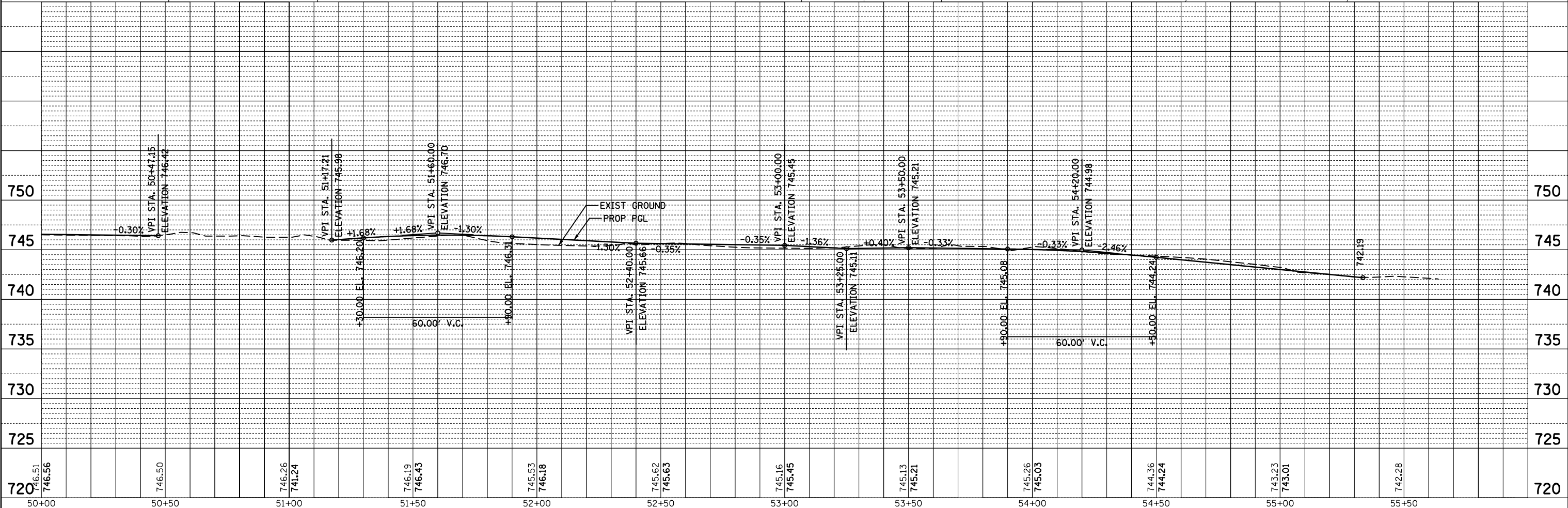
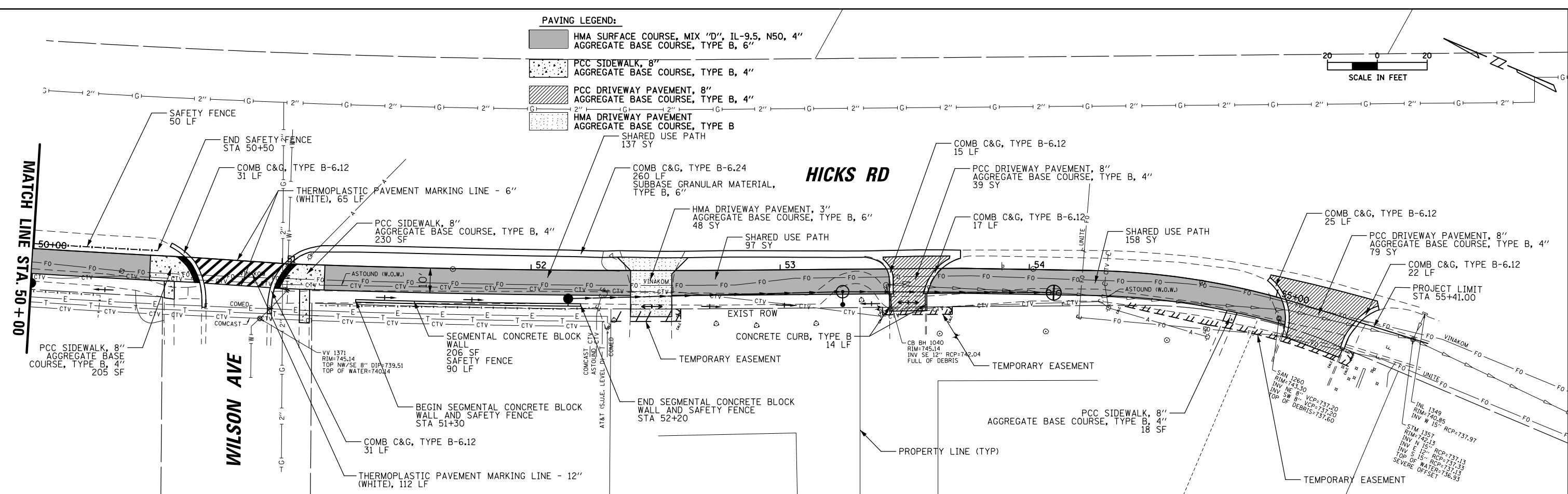
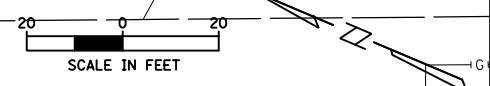
SCALE: SHEET OF SHEETS STA. TO STA.

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

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

PAVING LEGEND:

- HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 4"
- AGGREGATE BASE COURSE, TYPE B, 6"
- PCC SIDEWALK, 8" AGGREGATE BASE COURSE, TYPE B, 4"
- PCC DRIVEWAY PAVEMENT, 8" AGGREGATE BASE COURSE, TYPE B, 4"
- HMA DRIVEWAY PAVEMENT AGGREGATE BASE COURSE, TYPE B



FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR\98200\98361BR245\Civ1\PP_98361BR245_05.sht		DRAWN -	REVISED -
Default	PLOT SCALE = 48"	CHECKED -	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HICKS ROAD BIKE PATH
PLAN AND PROFILE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	22
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				

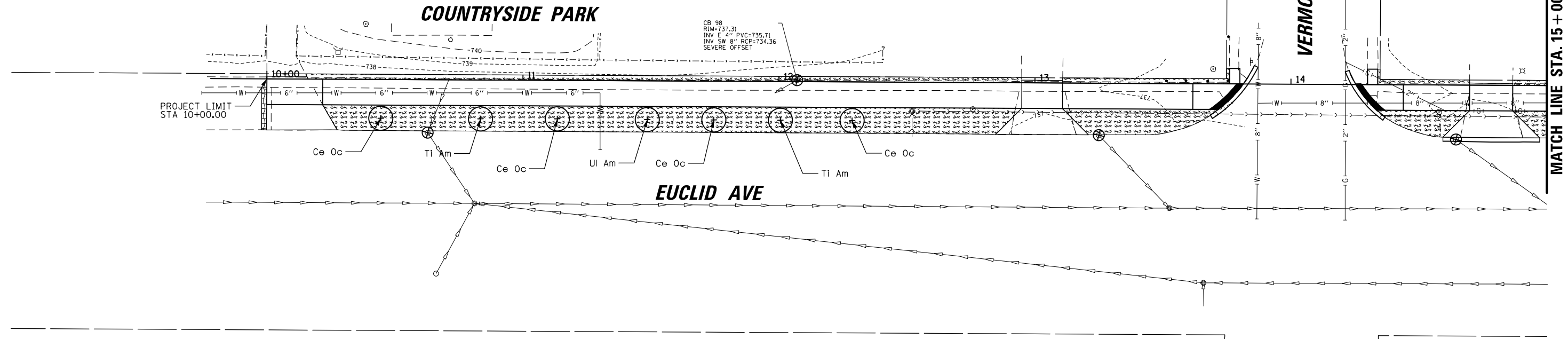
SCALE: SHEET OF SHEETS STA. TO STA.

EROSION CONTROL LEGEND:

	PERIMETER EROSION BARRIER
	TOPSOIL FURNISH AND PLACE, 4" EROSION CONTROL BLANKET SEEDING, CLASS 1A
	TOPSOIL FURNISH AND PLACE, 4" SODDING
	INLET FILTER
	INLET PROTECTION (PAID FOR AS PERIMETER EROSION BARRIER)
	PROPOSED TREE

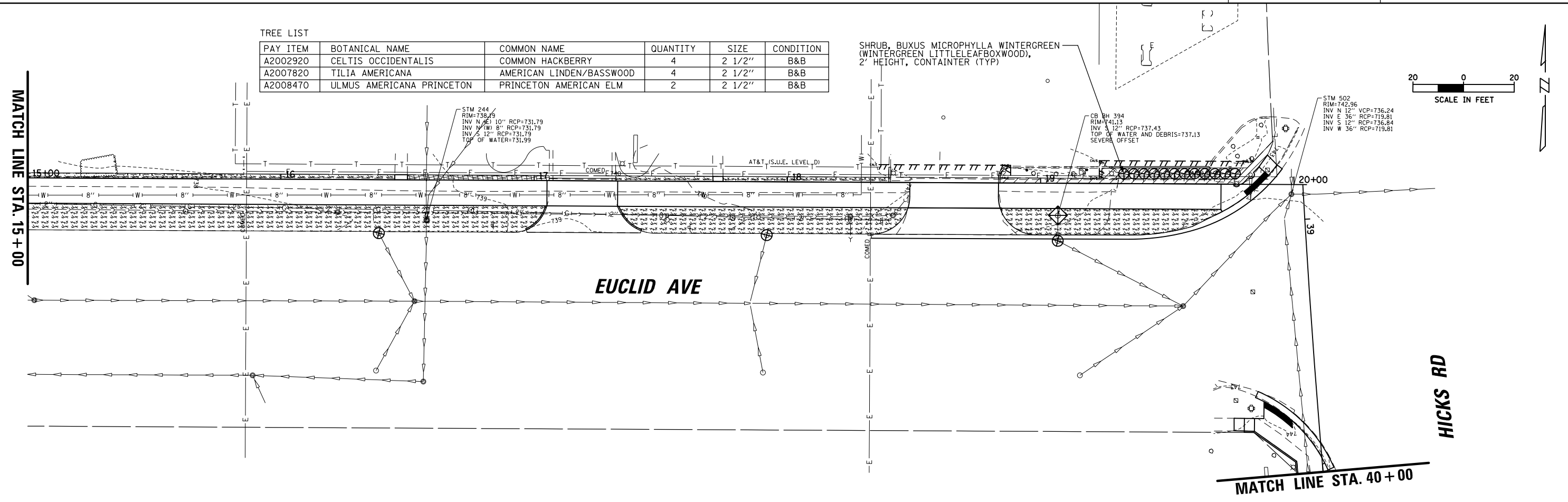
SCHEDULE OF CONSTRUCTION ACTIVITIES

TASK 1	TASK 2	TASK 3	TASK 4	TASK 5
INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES	CLEARING AND GRADING	DISPOSAL OF CONSTRUCTION WASTE	PERMANENT STABILIZATION	REMOVAL OF TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES
← MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL PRACTICES →				



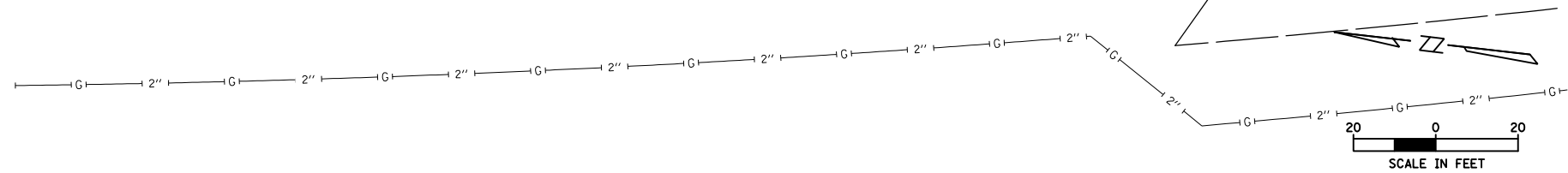
TREE LIST

PAY ITEM	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	CONDITION
A2002920	CELTIS OCCIDENTALIS	COMMON HACKBERRY	4	2 1/2"	B&B
A2007820	TILIA AMERICANA	AMERICAN LINDEN/BASSWOOD	4	2 1/2"	B&B
A2008470	ULMUS AMERICANA PRINCETON	PRINCETON AMERICAN ELM	2	2 1/2"	B&B

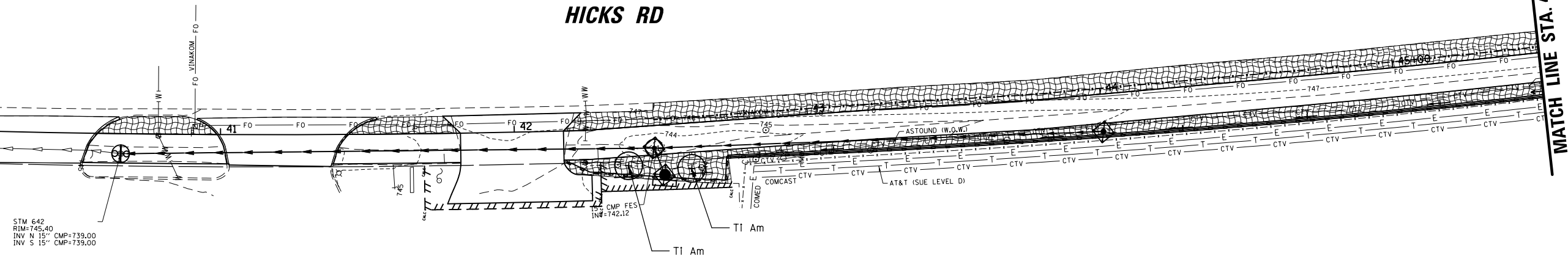


EROSION CONTROL LEGEND:

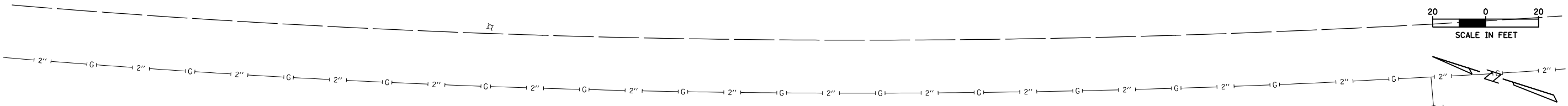
	PERIMETER EROSION BARRIER
	TOPSOIL FURNISH AND PLACE, 4" EROSION CONTROL BLANKET SEEDING, CLASS 1A
	TOPSOIL FURNISH AND PLACE, 4" SODDING
	INLET FILTER
	INLET PROTECTION (PAID FOR AS PERIMETER EROSION BARRIER)
	PROPOSED TREE



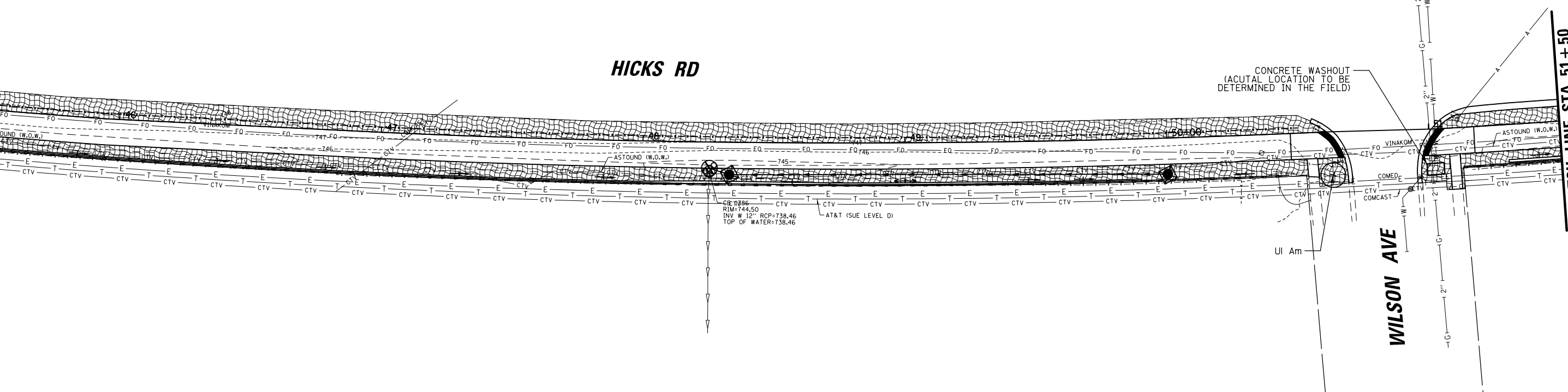
MATCH LINE STA. 40 + 00



MATCH LINE STA. 45 + 50



MATCH LINE STA. 45 + 50



MATCH LINE STA. 51 + 50

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HICKS ROAD BIKE PATH EROSION CONTROL PLAN			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR245\Civil\ECP_98361BR245_02.sht	PLLOT SCALE = 48'	DRAWN -	REVISED -					2592	19-00123-00-BT	COOK	67	24
Default	PLLOT DATE = 10/24/2024	CHECKED -	REVISED -					CONTRACT NO. 61J63				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

SOIL EROSION CONTROL AND SEDIMENT CONTROL NOTES

1. 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.

2. 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 MUST BE MAINTAINED ON THE SITE AT ALL TIMES.

3. 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.

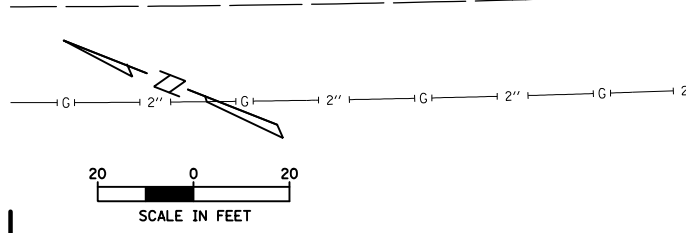
4. CONSTRUCTION ACTIVITIES MUST BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED. IN NO CASE WILL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.

5. SOIL STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA.

6. STOCKPILES OR SOIL MUST NOT BE LOCATED IN FLOODPLAINRIAN AREAS (VEGETATED FLOODPLAINS), WETLANDS, BUFFERS DEFINED BY COOK COUNTY ORDINANCE, AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER EROSION BARRIER MUST BE PROIF THE STOCKPILE IS INACTIVE FOR MORE THAN 14 DAYS, SOIL STABILIZATION MUST BE PROVIDED BY THE 7TH DAY AFTER ACTIVITY HAS STOPPED.

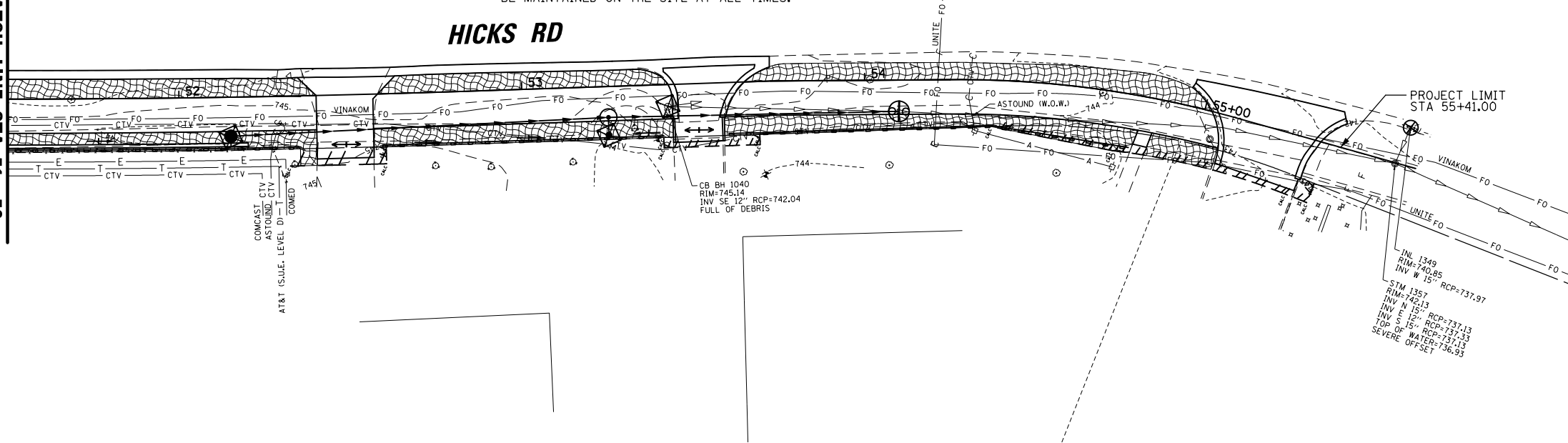
7. CONTRACTOR MUST INSTALL PERIMETER EROSION BARRIER AT ANY LOCATION IN WHICH SHEET FLOWS MAY RESULT IN SEDIMENT RUNOFF OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR MAY USE OTHER METHODS TO CONTROL RUNOFF, INCLUDING, BUT NOT LIMITED TO, TEMPORARY DIVERSION SWALES, TEMPORARY SEDIMENT TRAPS, SHAPED DITCHES TO CONVEY WATER, ETC.

8. THE CONTRACTOR SHALL PROVIDE A QUALIFIED PERSON WHO WILL BE RESPONSIBLE FOR CONDUCTING SITE INSPECTIONS IN COMPLIANCE WITH THE ILRIO NPDES PERMIT. AFTER EACH INSPECTION, A REPORT SHALL BE PREPARED BY THE PERSON WHO PERFORMED THE INSPECTION AND SUBMITTED TO THE VILLAGE IN A TIMELY MANNER. INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM, OR BY THE END OF THE FOLLOWING BUSINESS DAY, THAT IS 0.5 INCHES OR GREATER. INSPECTIONS MAY BE REDUCED TO ONE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. INSPECTIONS MUST COMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.5' OR GREATER RAIN EVENT, OR DISCHARGE DUE TO SNOWMELT OCCURS.



MATCH LINE STA. 51+50

HICKS RD



EROSION CONTROL LEGEND:	
	PERIMETER EROSION BARRIER
	TOPSOIL FURNISH AND PLACE, 4" EROSION CONTROL BLANKET SEEDING, CLASS 1A
	TOPSOIL FURNISH AND PLACE, 4" SODDING
	INLET FILTER
	INLET PROTECTION (PAID FOR AS PERIMETER EROSION BARRIER)
	PROPOSED TREE

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR\BR200\980361BR245\Civil\ECP_98361BR245_03.sht		DRAWN -	REVISED -
Default	PLOT SCALE = 48'	CHECKED -	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

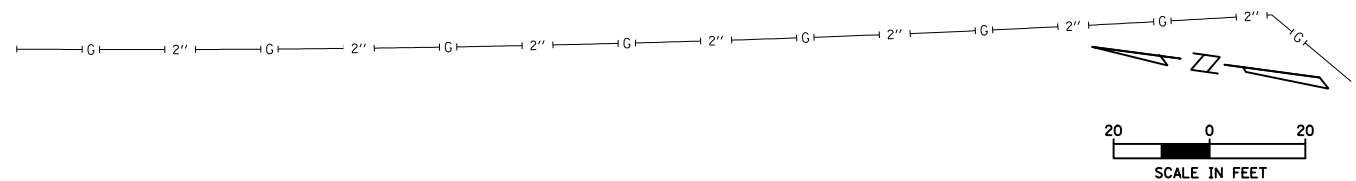
HICKS ROAD BIKE PATH
EROSION CONTROL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	25
				CONTRACT NO. 61J63
ILLINOIS FED. AID PROJECT				

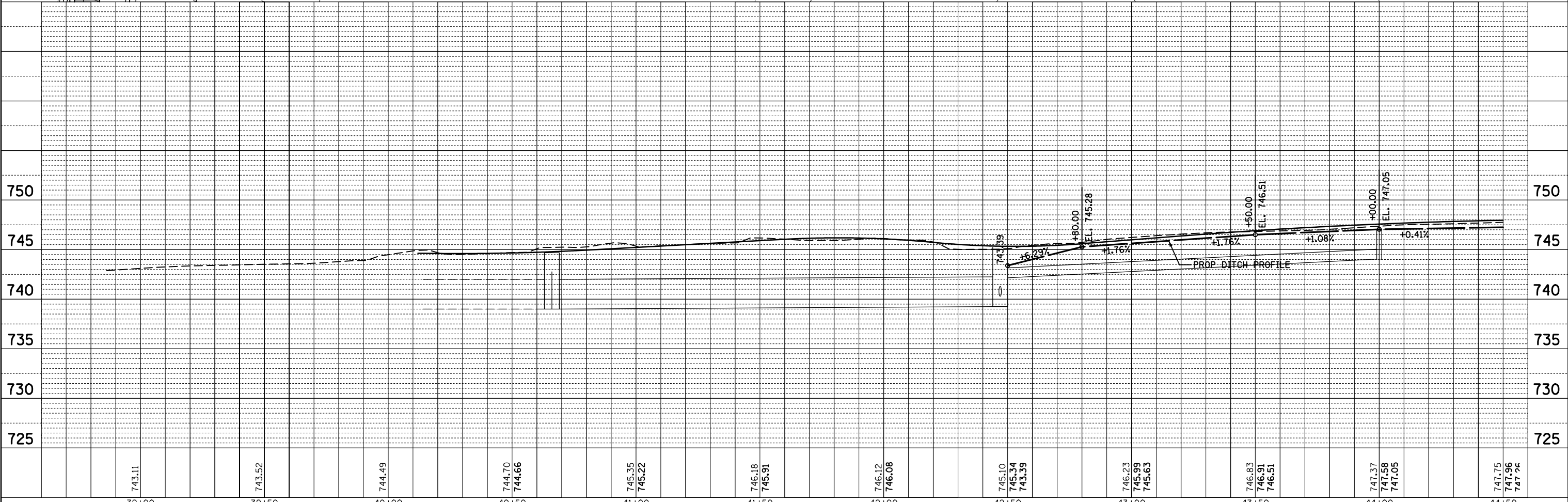
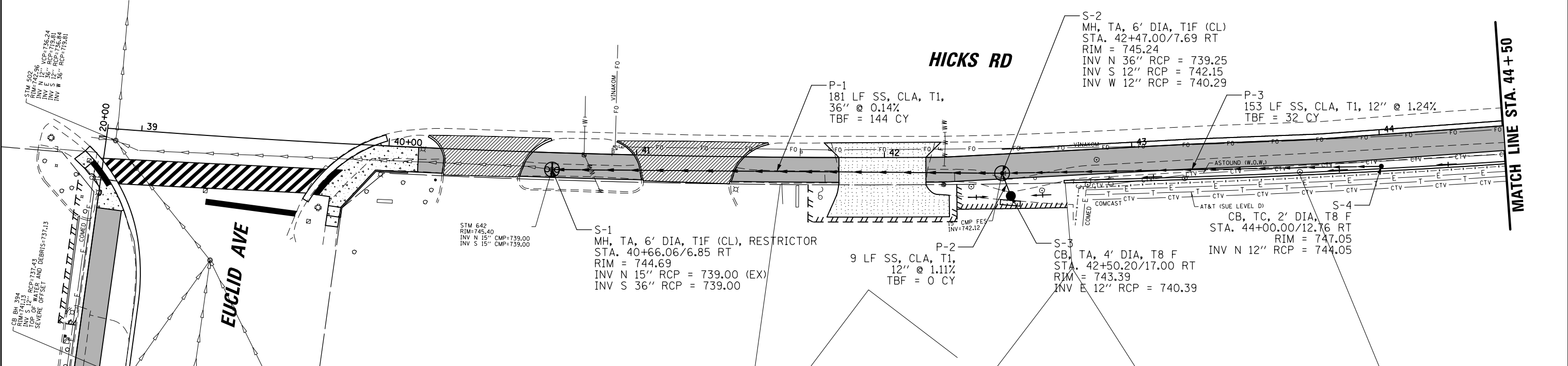
DRAINAGE LEGEND:

- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED STORM SEWER
- ↔ EXISTING STORM SEWER



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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		



FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR\98200\98361\BR245\Civ11\DRN_98361BR245_03.sht		DRAWN -	REVISED -
Default	PLOT SCALE = 48'	CHECKED -	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

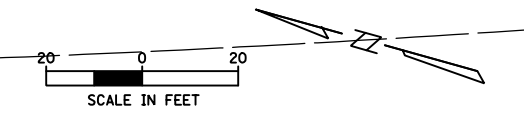
**HICKS ROAD BIKE PATH
DRAINAGE PLAN AND PROFILE**

F.A.L. RT. 2592	SECTION 19-00123-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 26
CONTRACT NO. 61J63				ILLINOIS FED. AID PROJECT

SCALE: SHEET OF SHEETS STA. TO STA.

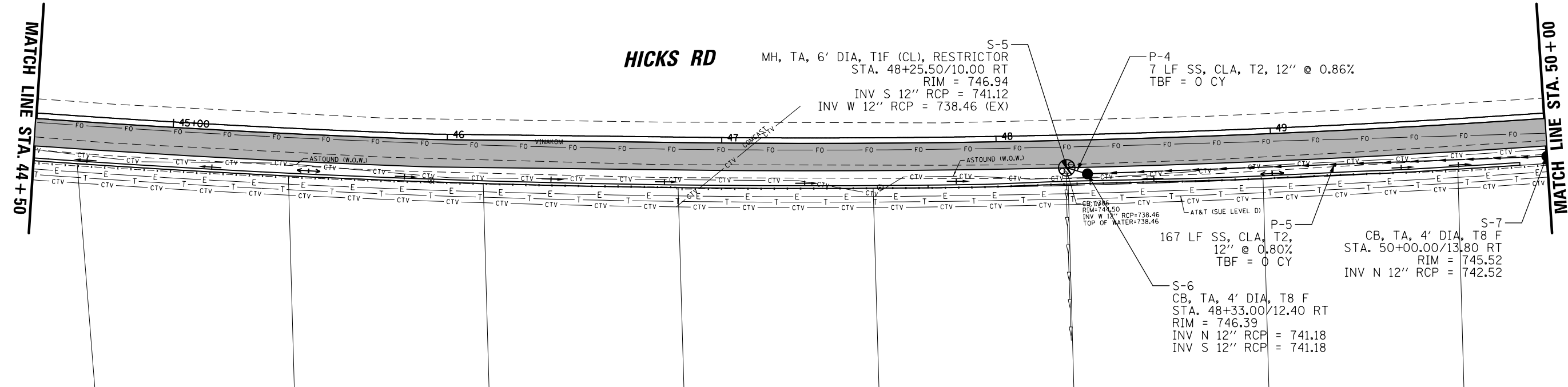
DRAINAGE LEGEND:

- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED STORM SEWER
- ↔ EXISTING STORM SEWER

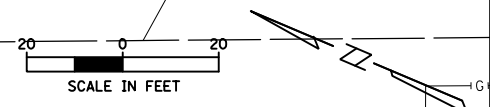


PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

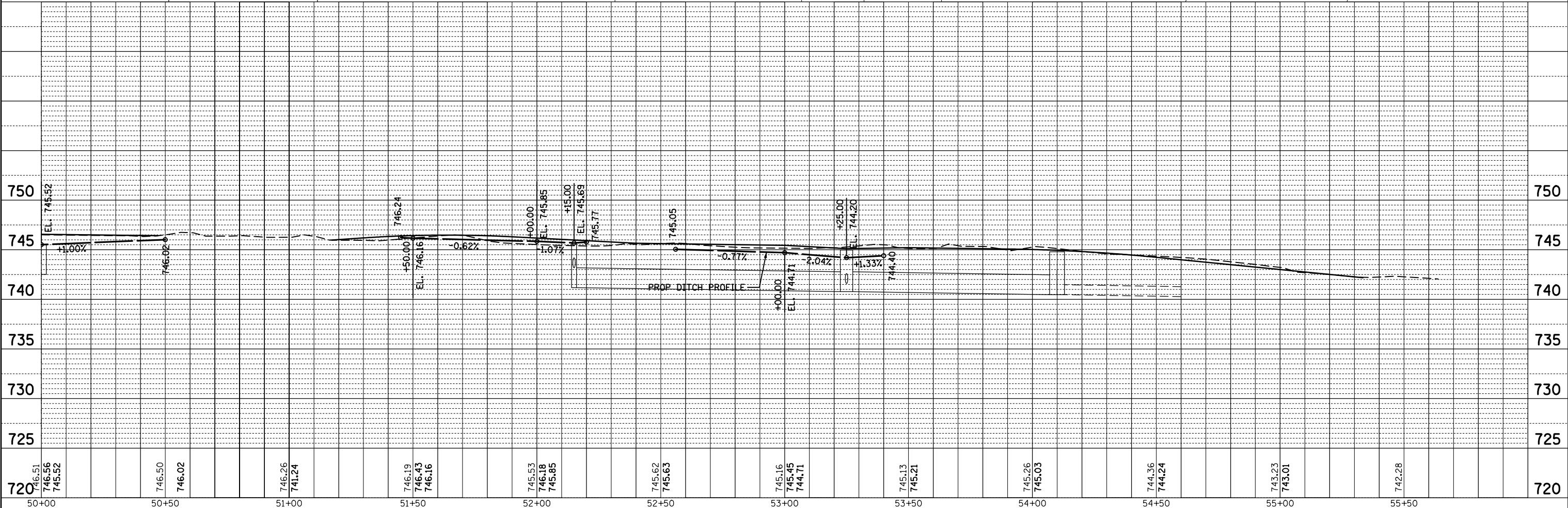
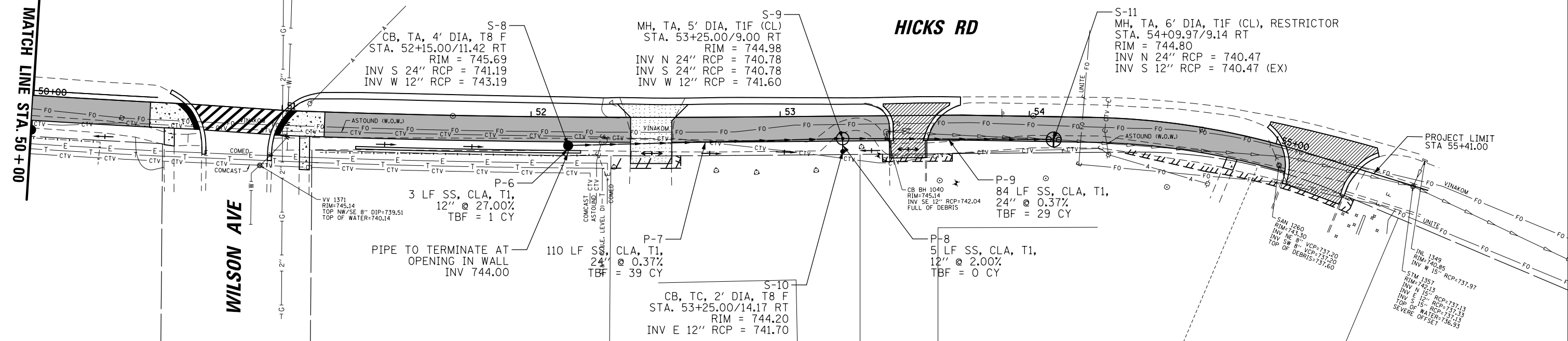
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



- DRAINAGE LEGEND:**
- PROPOSED MANHOLE
 - PROPOSED CATCH BASIN
 - PROPOSED STORM SEWER
 - ↔ EXISTING STORM SEWER



MATCH LINE STA. 50+00



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HICKS ROAD BIKE PATH DRAINAGE PLAN AND PROFILE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\ROLLINGMEADOWS\980361.BR's\BR200's\BR245\DRN_98361BR245_05.sht		DRAWN -	REVISED -		2592	19-00123-00-BT	COOK	67	28				
Default	PLOT SCALE = 48'	CHECKED -	REVISED -		CONTRACT NO. 61J63								
	PLOT DATE = 10/24/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

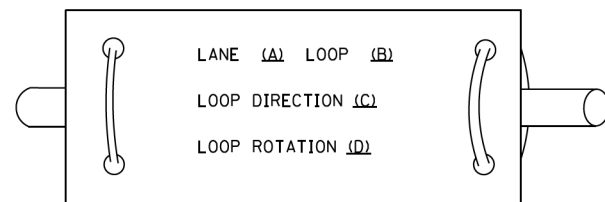
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		 	SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	 	
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	 	
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	 	 	DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

10/24/2024

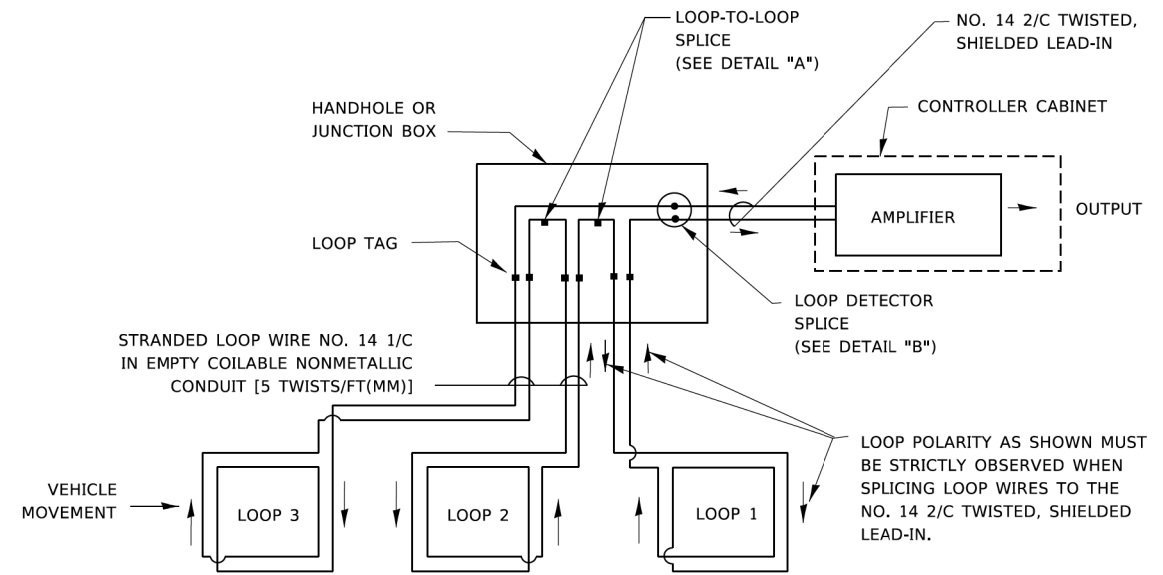
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. 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.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES 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" (450 mm) APART.
6. 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. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, 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.

LOOP LEAD-IN CABLE TAG

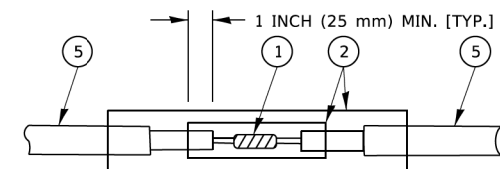


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

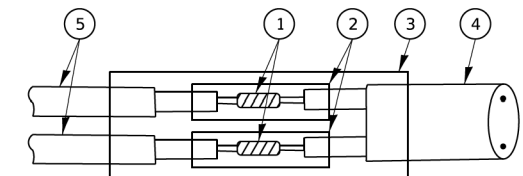


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

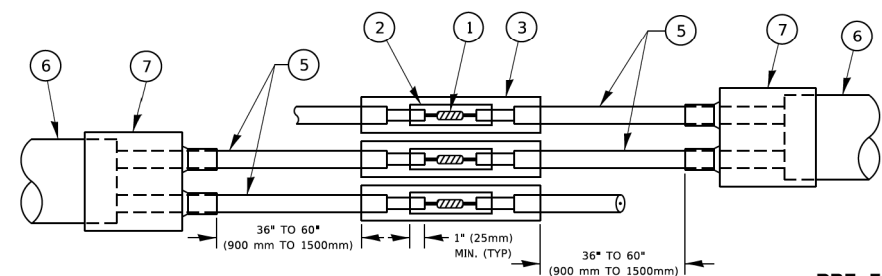


DETAIL "A"
LOOP-TO-LOOP SPLICE

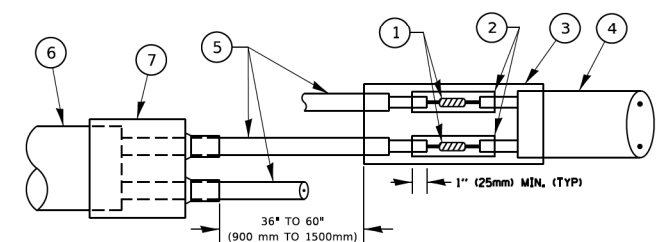


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

REFERENCES

USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

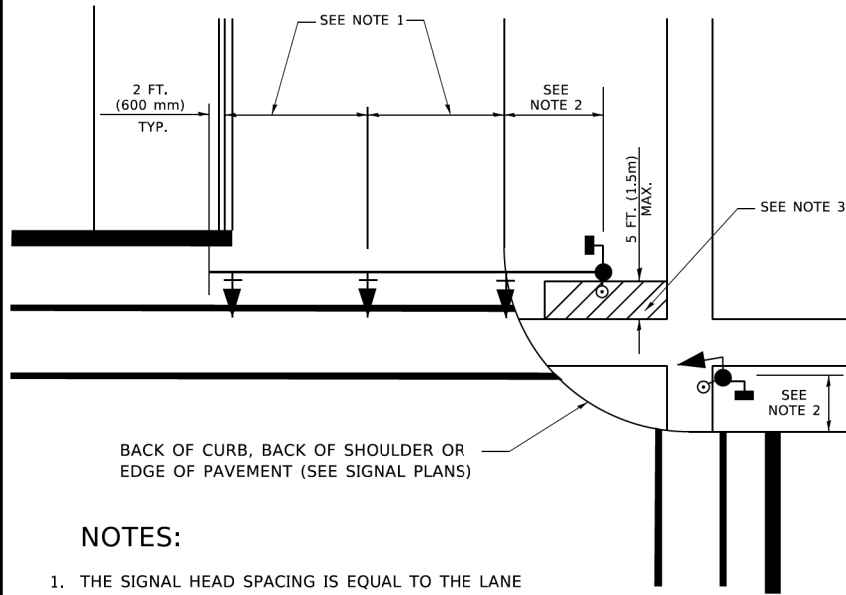
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A. R. RTE. 2592	SECTION 17-00034-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 30
TS-05		CONTRACT NO. 61J63		
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

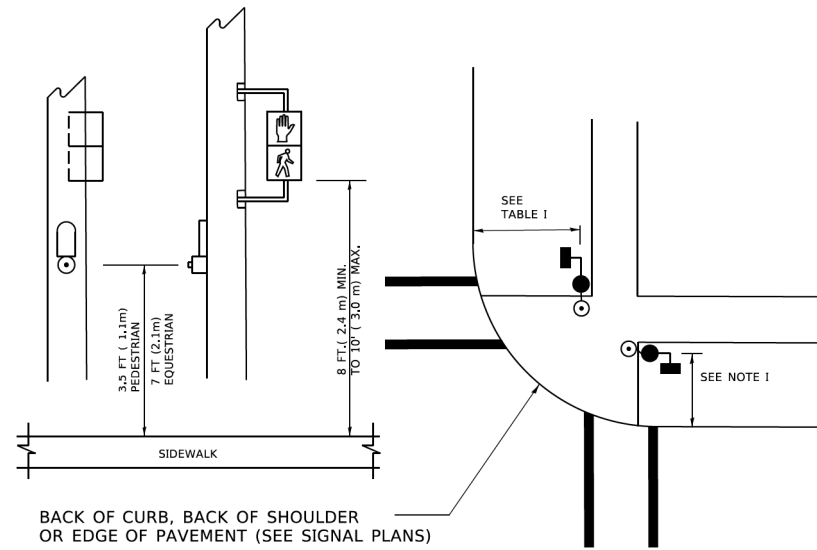
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

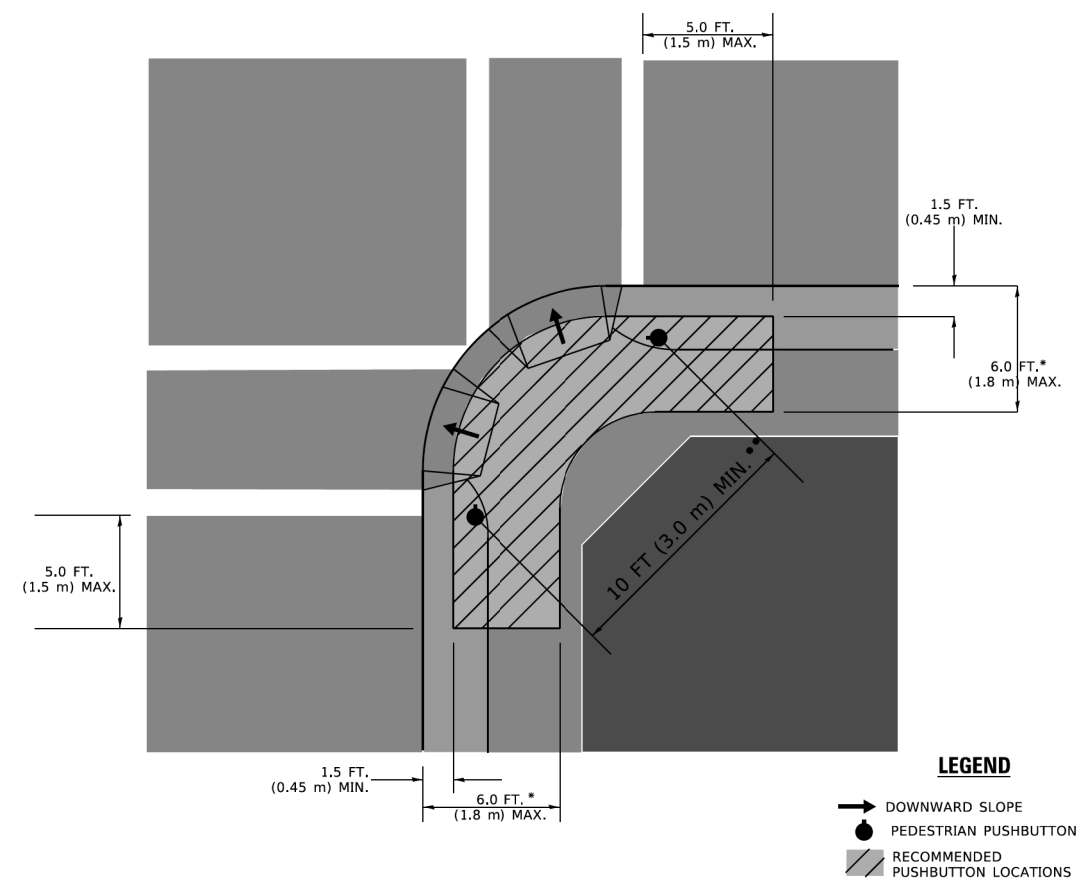
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

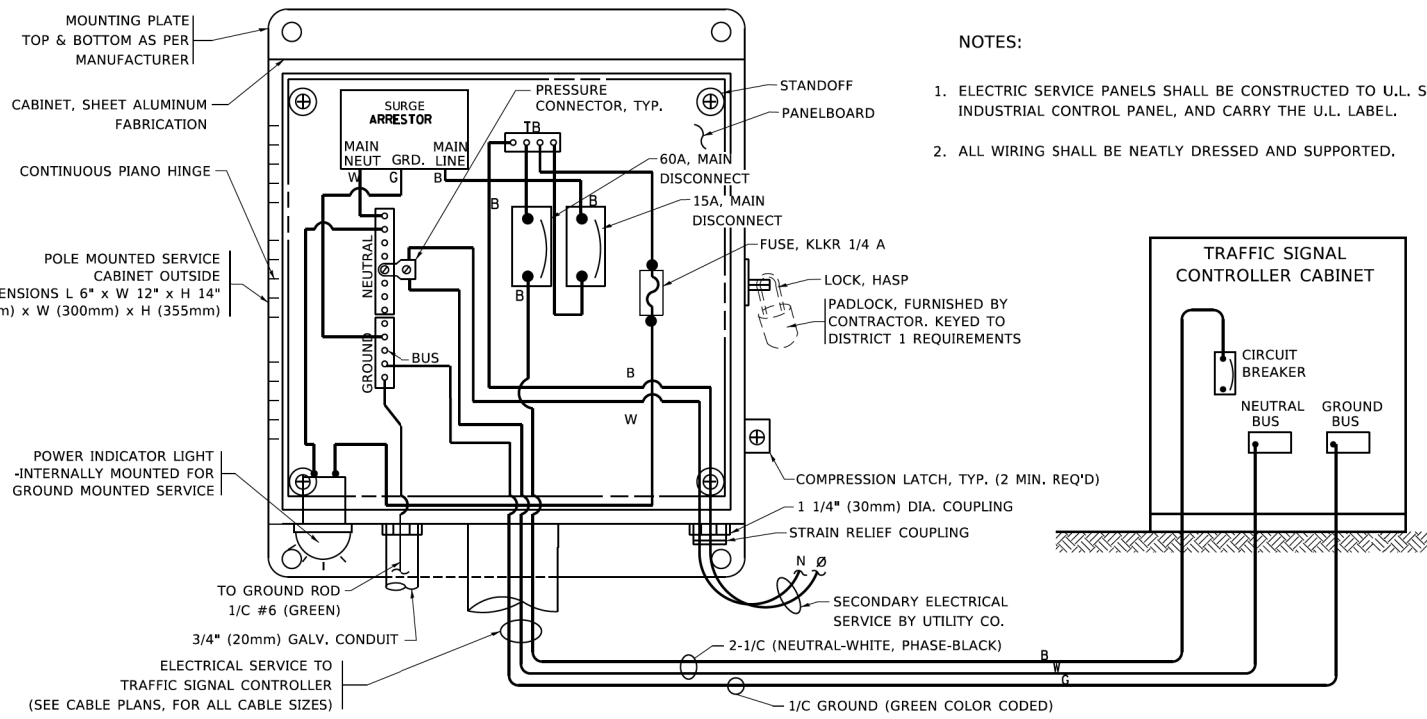
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

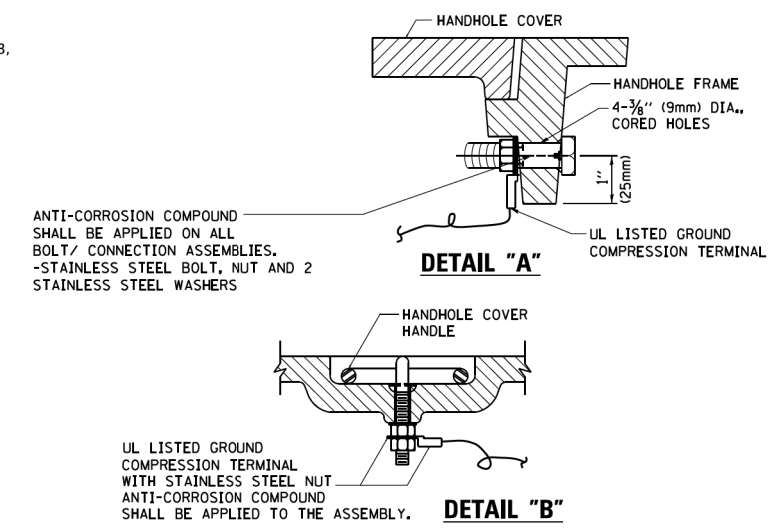
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT 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" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

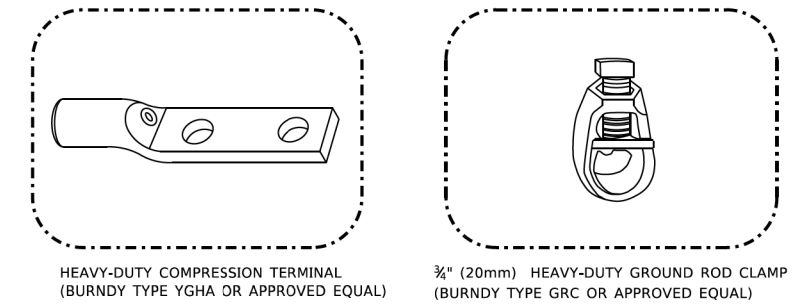


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



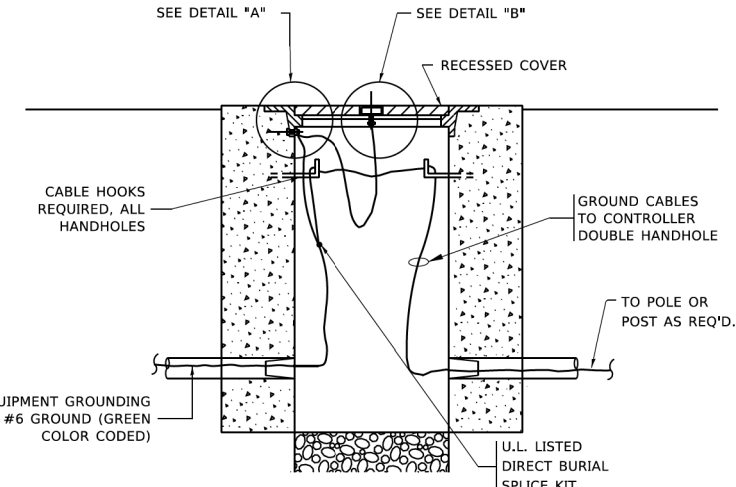
NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

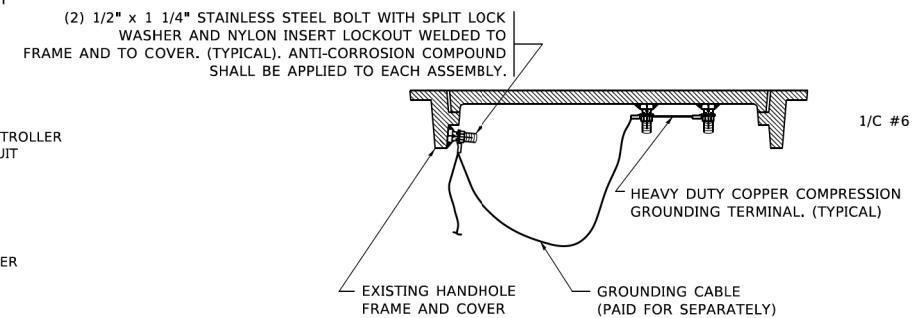


NOTES:

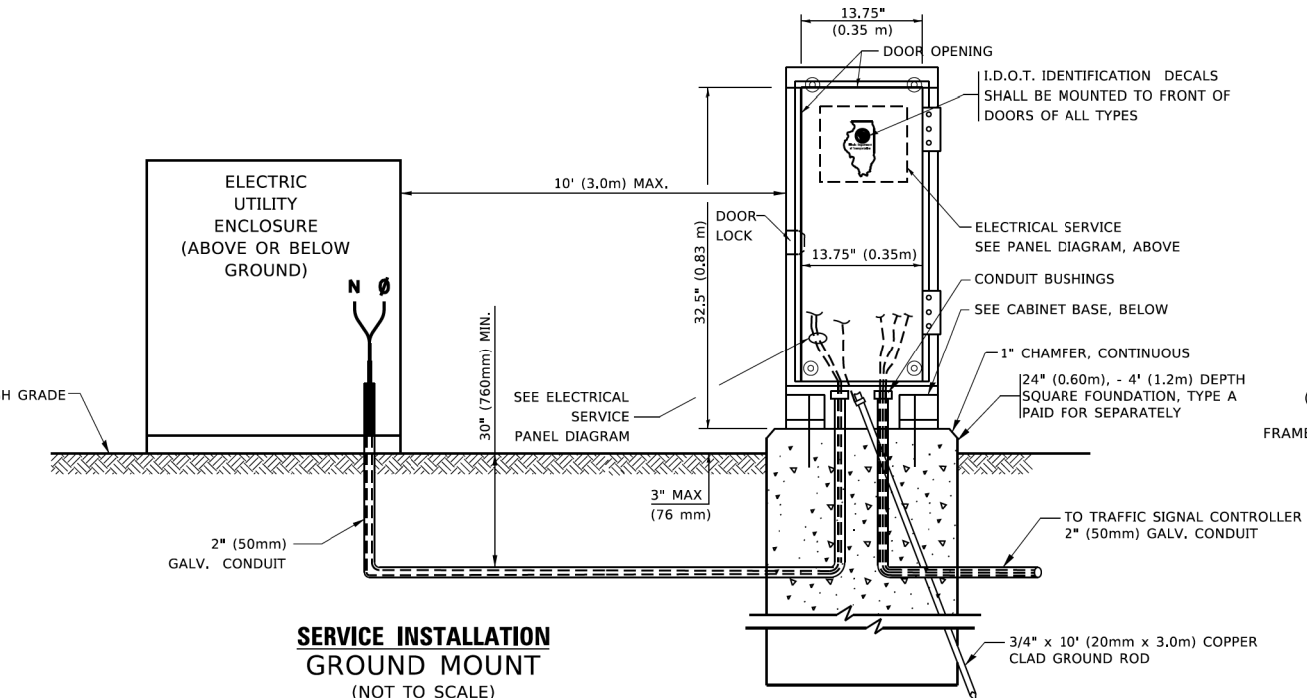
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
- 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
- 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
- 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)

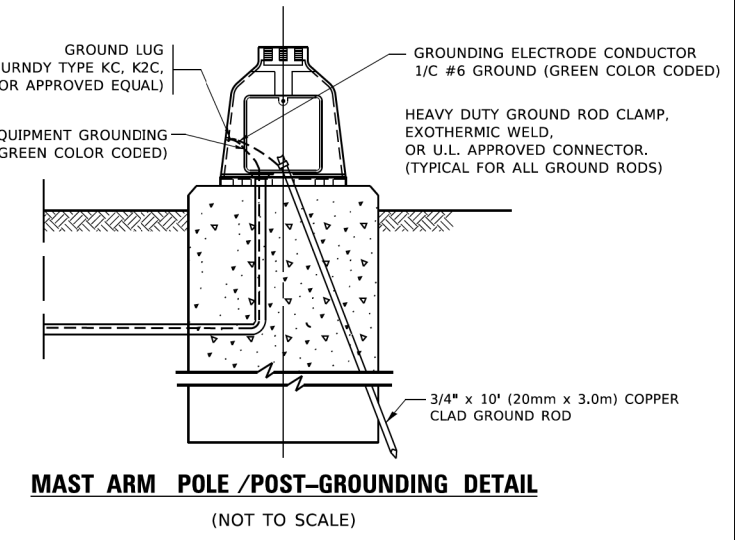
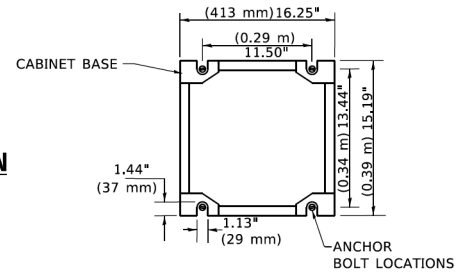


EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)



SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

CABINET – BASE BOLT PATTERN
 (NOT TO SCALE)



MAST ARM POLE /POST-GROUNDING DETAIL
 (NOT TO SCALE)

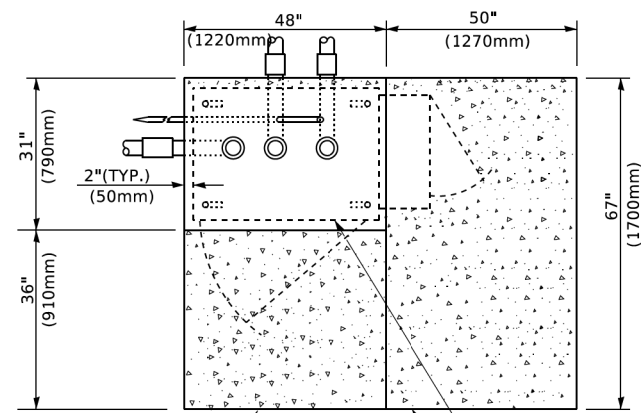
USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

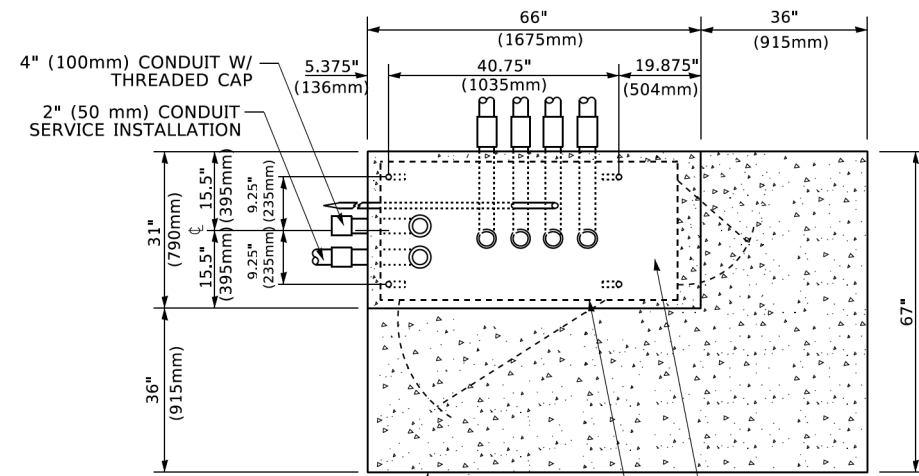
DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET 4	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE. 2592	SECTION 17-00034-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 32
TS-05		CONTRACT NO. 61J63		
ILLINOIS FED. AID PROJECT				

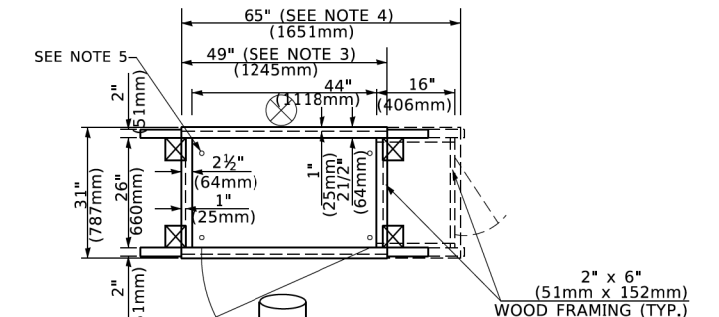
10/24/2024



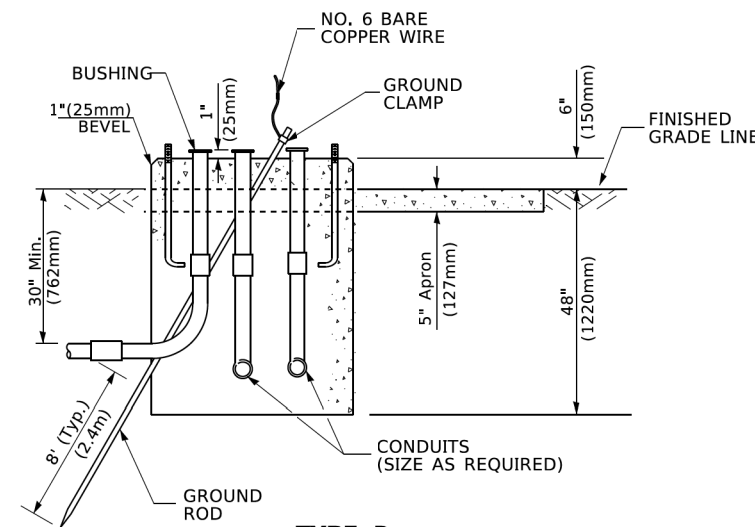
TOP VIEW



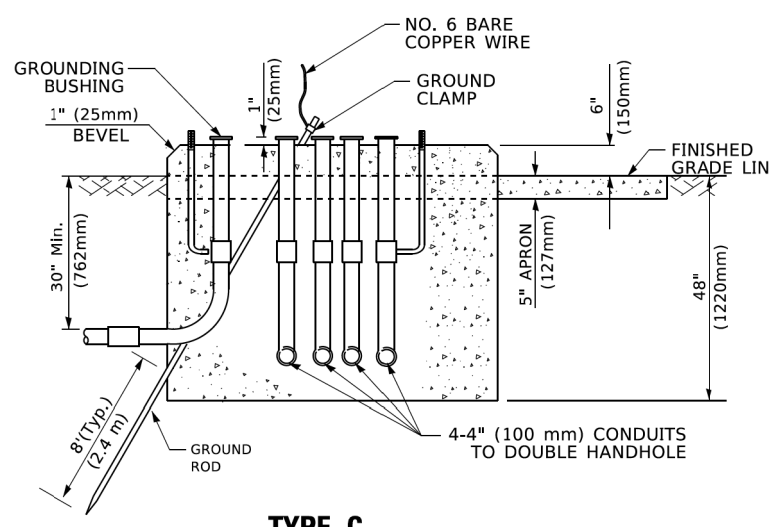
TOP VIEW



TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM



TYPE D FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



TYPE C FOR GROUND MOUNTED SUPER P (TYPE IV) AND SUPER R (TYPE V) CONTROLLER CABINETS

- NOTES:**
- BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 - BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 - PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 - DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
 - FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- NOTES:**
- These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
 - Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 - Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 - For mast arm assemblies with dual arms refer to state standard 878001..

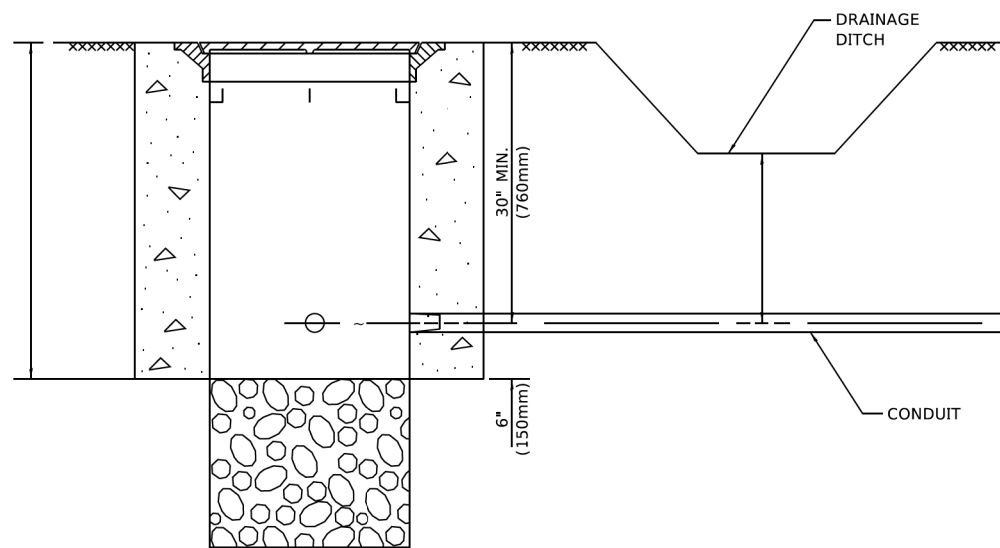
DEPTH OF MAST ARM FOUNDATIONS, TYPE E

10/24/2024

USER NAME = footemj	DESIGNED -	REVISED -
PLOT SCALE = 50.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

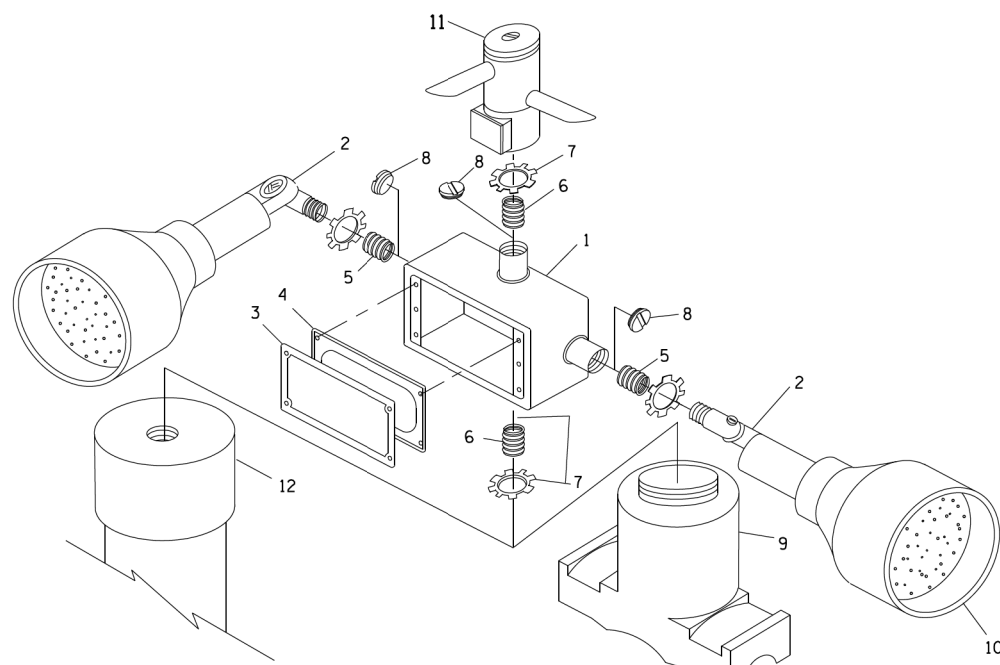
DISTRICT ONE		F.A.R. RTE. 2592	SECTION 17-00034-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 33
STANDARD TRAFFIC SIGNAL DESIGN DETAILS		TS-05		CONTRACT NO. 61J63		
SCALE: NONE	SHEET 5 OF 7 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) 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
(NOT TO SCALE)

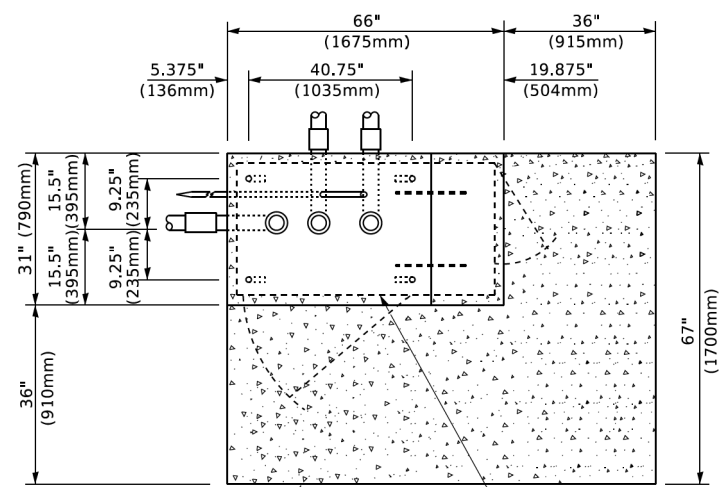


POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

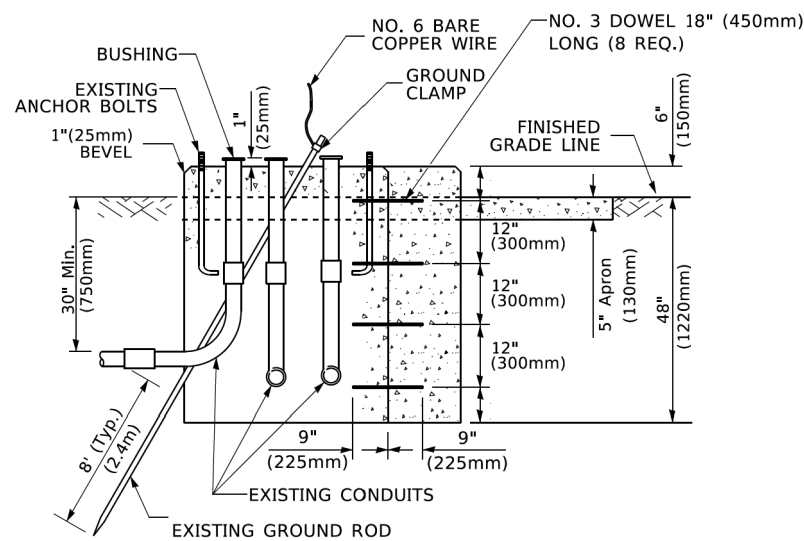
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

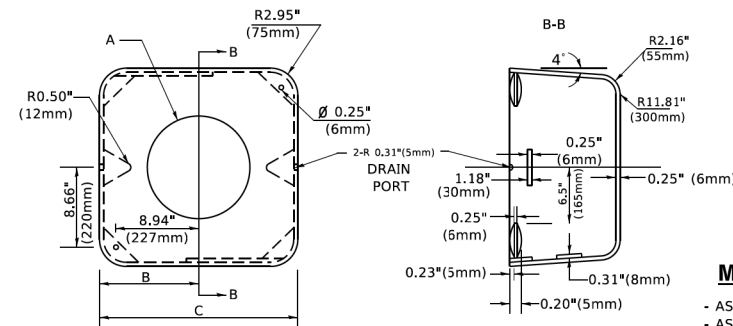
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



PROPOSED APRON **TOP VIEW**
(NOT TO SCALE) **CONTROLLER CABINET BASE**



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)



A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

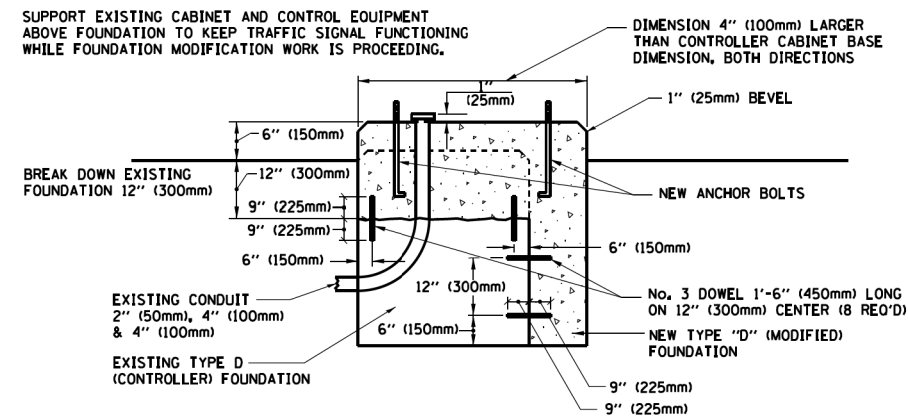
SHROUD

NOTES:

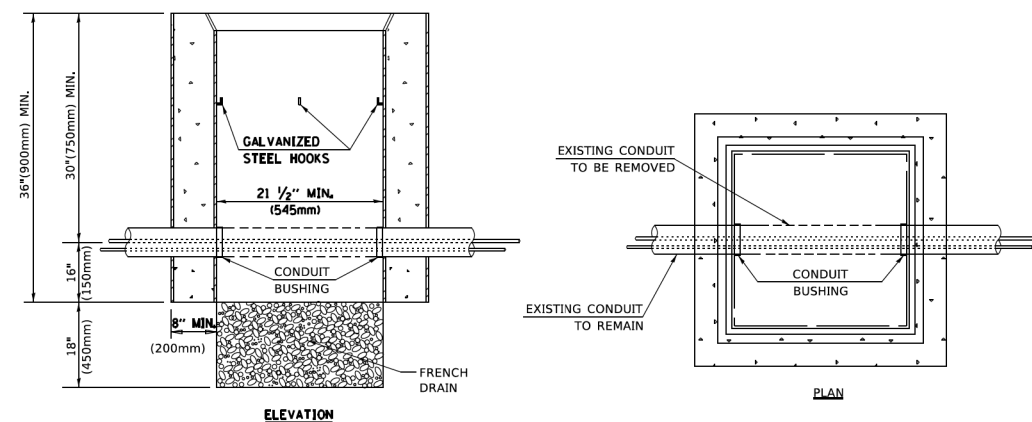
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



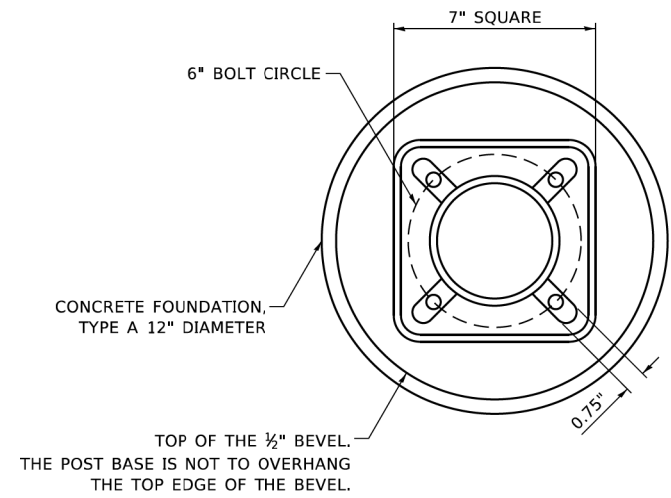
NOTES:

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

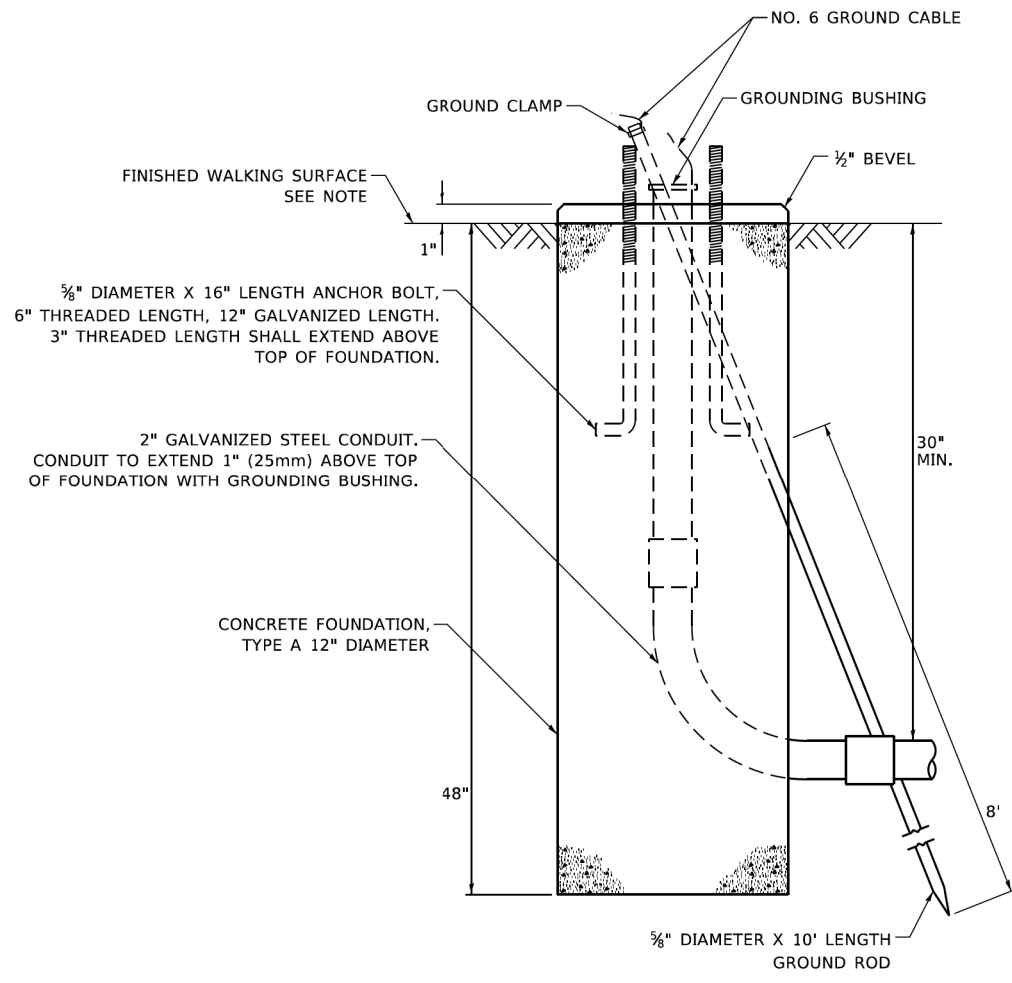
USER NAME = footem	DESIGNED -	REVISED -
PLOT SCALE = 50.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE. 2592	SECTION 17-00034-00-BT	COUNTY COOK	TOTAL SHEETS 67	SHEET NO. 34
TS-05		CONTRACT NO. 61J63		
ILLINOIS / FED. AID PROJECT				

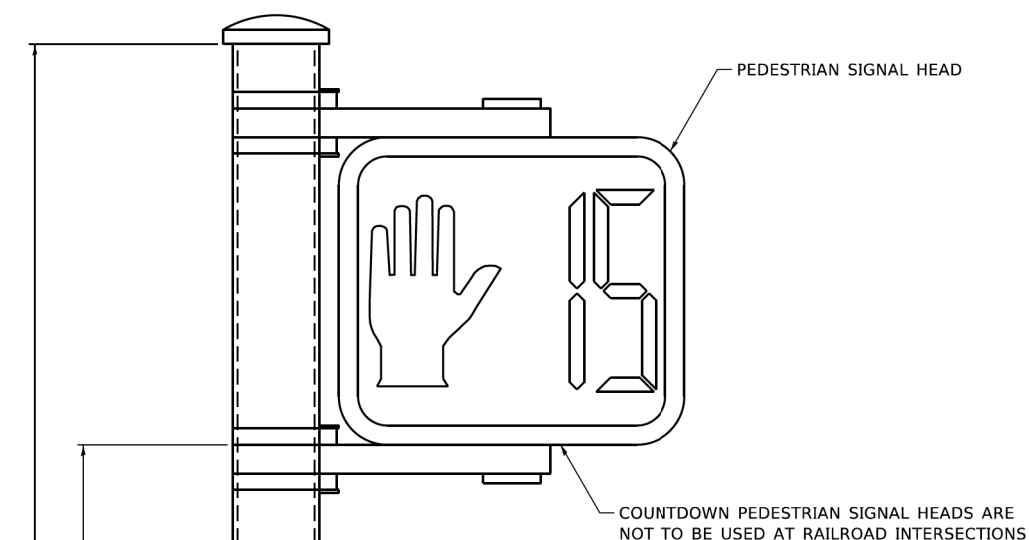


BOLT PATTERN

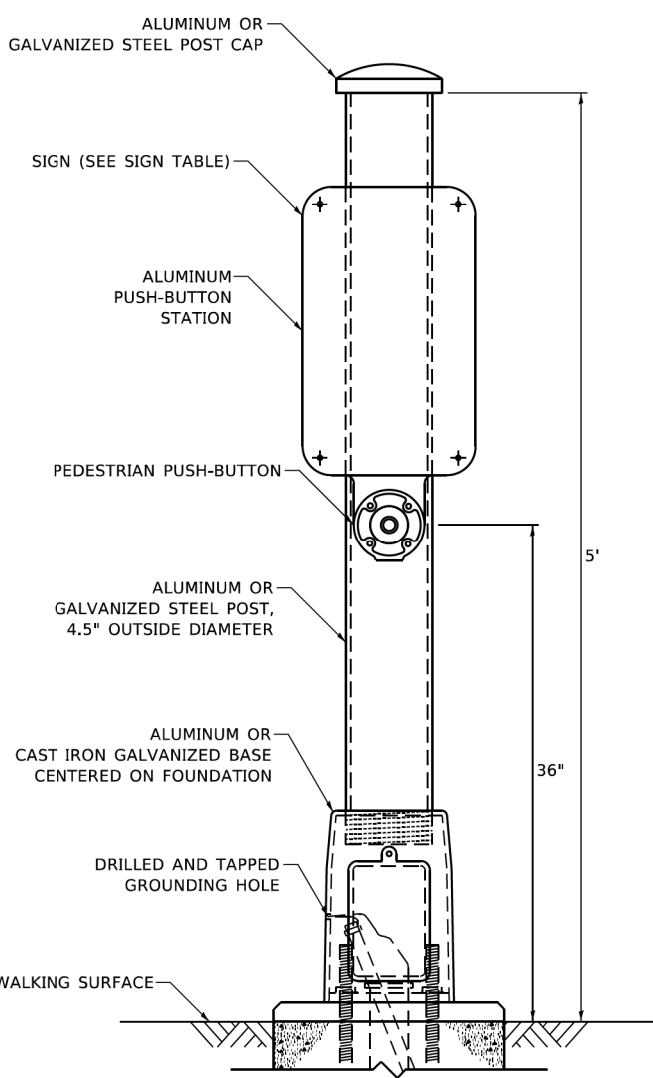
NOTE:
 1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.

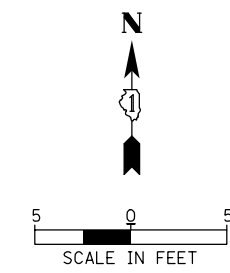


SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

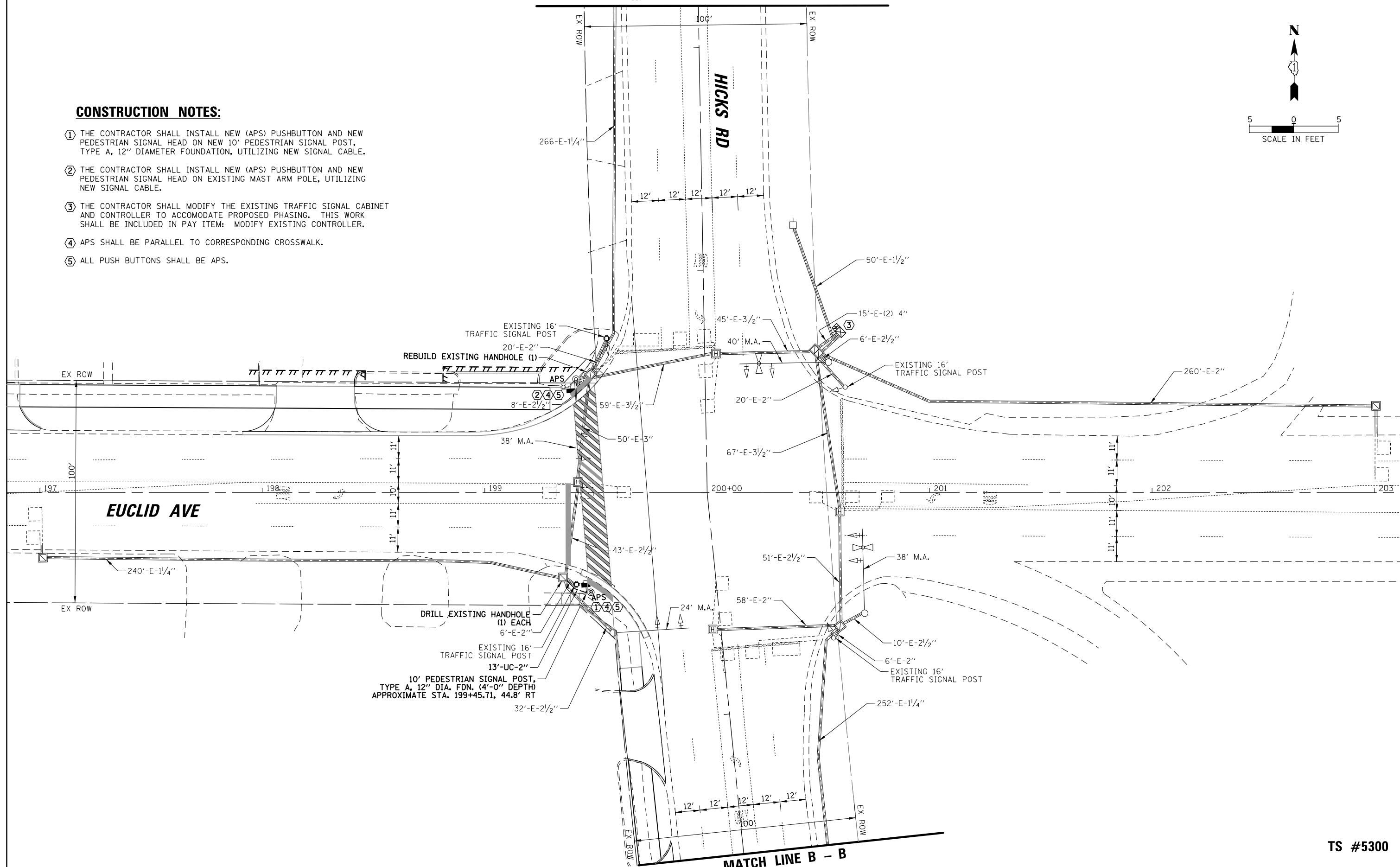
NOTES:
 1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
 2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
 3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

MATCH LINE A - A



CONSTRUCTION NOTES:

- ① THE CONTRACTOR SHALL INSTALL NEW (APS) PUSHBUTTON AND NEW PEDESTRIAN SIGNAL HEAD ON NEW 10' PEDESTRIAN SIGNAL POST, TYPE A, 12" DIAMETER FOUNDATION, UTILIZING NEW SIGNAL CABLE.
- ② THE CONTRACTOR SHALL INSTALL NEW (APS) PUSHBUTTON AND NEW PEDESTRIAN SIGNAL HEAD ON EXISTING MAST ARM POLE, UTILIZING NEW SIGNAL CABLE.
- ③ THE CONTRACTOR SHALL MODIFY THE EXISTING TRAFFIC SIGNAL CABINET AND CONTROLLER TO ACCOMMODATE PROPOSED PHASING. THIS WORK SHALL BE INCLUDED IN PAY ITEM: MODIFY EXISTING CONTROLLER.
- ④ APS SHALL BE PARALLEL TO CORRESPONDING CROSSWALK.
- ⑤ ALL PUSH BUTTONS SHALL BE APS.



TS #5300

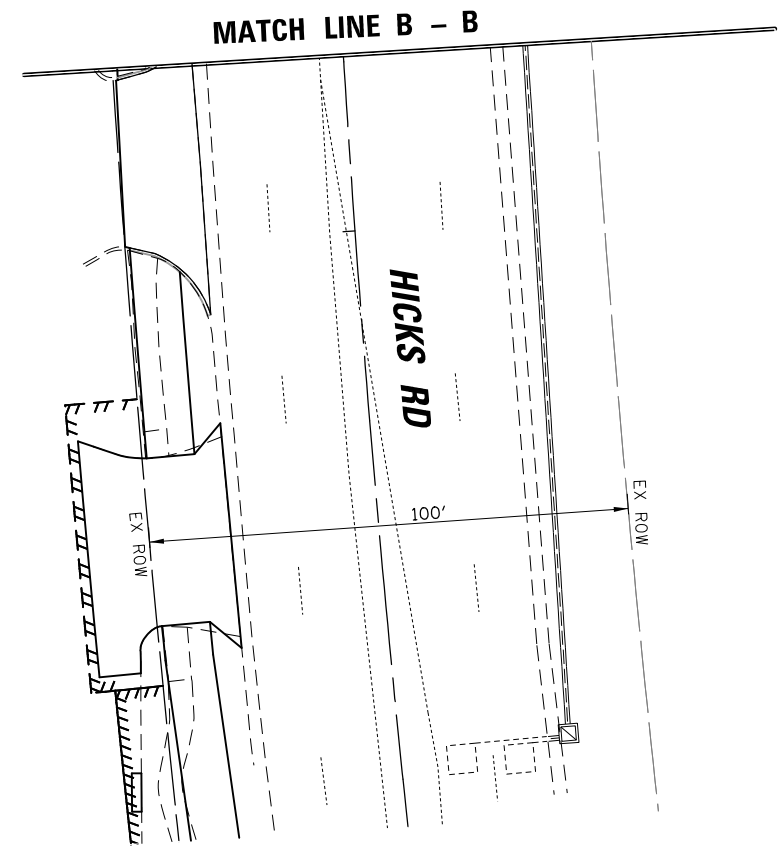
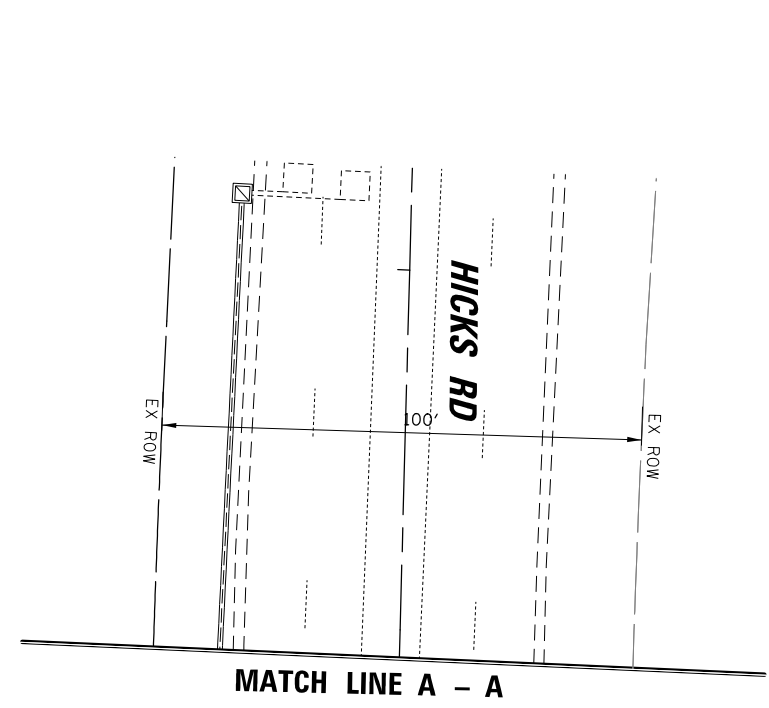
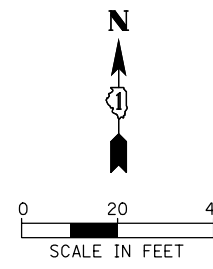
FILE NAME =	USER NAME = mthomas	DESIGNED - PJA	REVISED -
N:\ROLLINGMEADOWS\980361.BR\200\198361BR245\Traffic\TS9.EUCLID-HICKS.M001.dgn		DRAWN - PJA	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
(SHEET 1 OF 2)
EUCLID AVENUE AND HICKS ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00123-00-BT	COOK	67	36
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				



TS #5300

FILE NAME =	USER NAME = mthomas	DESIGNED - PJA	REVISED -
N:\ROLLINGMEADOWS\980361.BR\s\BR200\s\980361BR245\Traffic\TS10_EUCLID-HICKS.MOD2.dgn		DRAWN - PJA	REVISED -
Default	PLOT SCALE = 48"	CHECKED - GMZ	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -

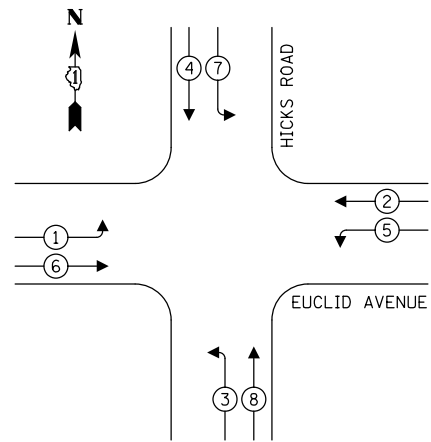
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN
(SHEET 2 OF 2)
EUCLID AVENUE AND HICKS ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00123-00-BT	COOK	67	37
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



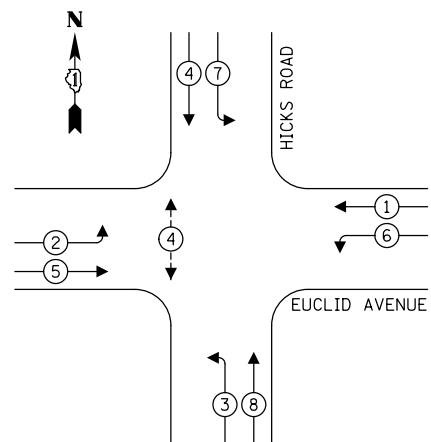
LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
- ← ⊙ ⊙ → PEDESTRIAN PHASE
- ← ⊙ ⊙ → OL OVERLAP

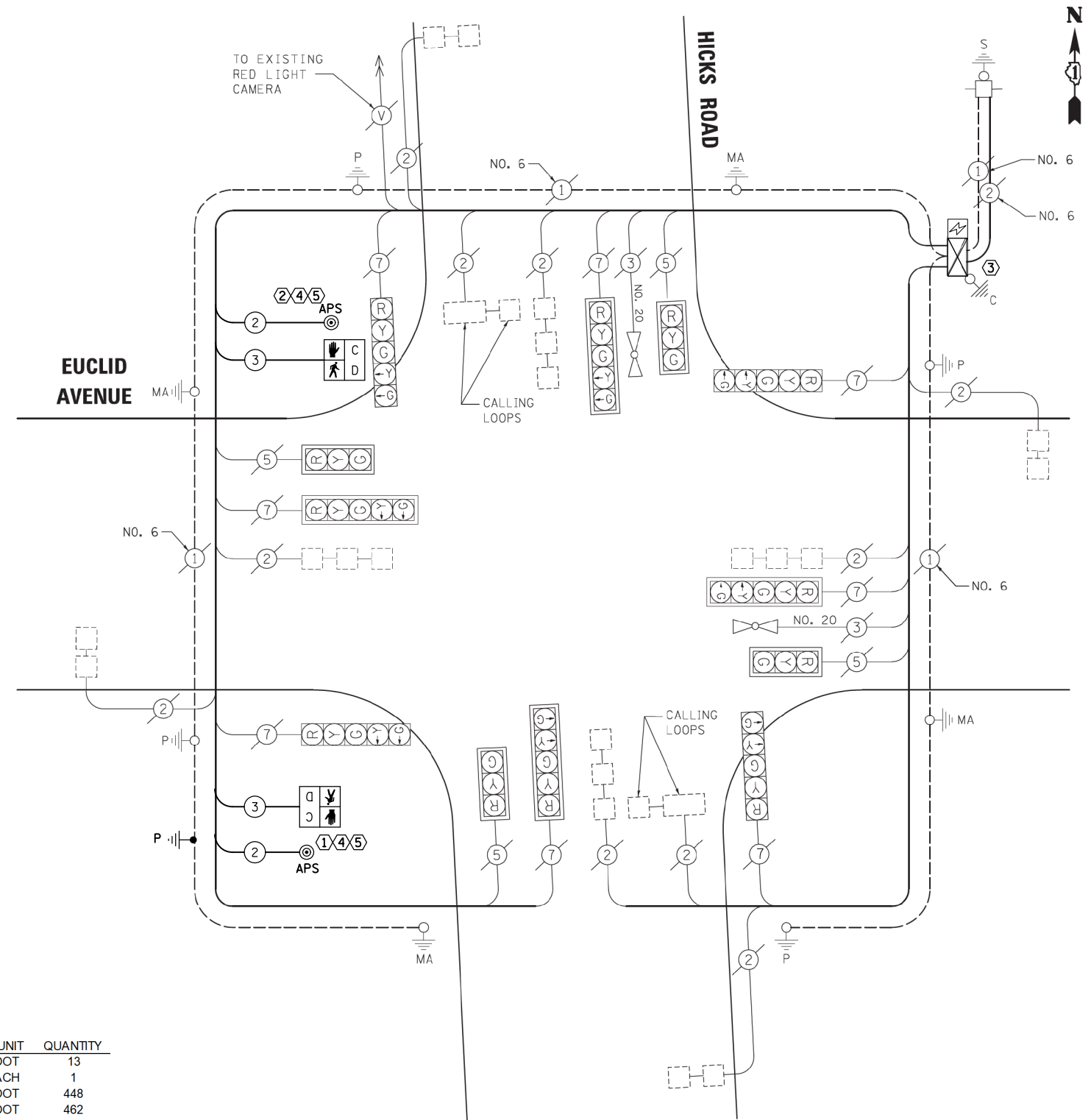
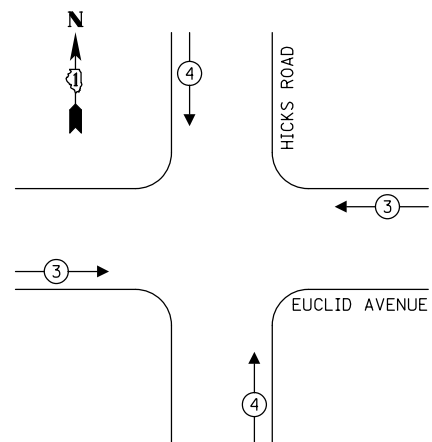
CONSTRUCTION NOTES:

- 1 THE CONTRACTOR SHALL INSTALL NEW (APS) PUSHBUTTON AND NEW PEDESTRIAN SIGNAL HEAD ON NEW 10' PEDESTRIAN SIGNAL POST, TYPE A, 12" DIAMETER FOUNDATION, UTILIZING NEW SIGNAL CABLE.
- 2 THE CONTRACTOR SHALL INSTALL NEW (APS) PUSHBUTTON AND NEW PEDESTRIAN SIGNAL HEAD ON EXISTING MAST ARM POLE, UTILIZING NEW SIGNAL CABLE.
- 3 THE CONTRACTOR SHALL MODIFY THE EXISTING TRAFFIC SIGNAL CABINET AND CONTROLLER TO ACCOMMODATE PROPOSED PHASING. THIS WORK SHALL BE INCLUDED IN PAY ITEM: MODIFY EXISTING CONTROLLER.
- 4 APS SHALL BE PARALLEL TO CORRESPONDING CROSSWALK.
- 5 ALL PUSH BUTTONS SHALL BE APS.

PROPOSED CONTROLLER SEQUENCE



EXISTING /PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

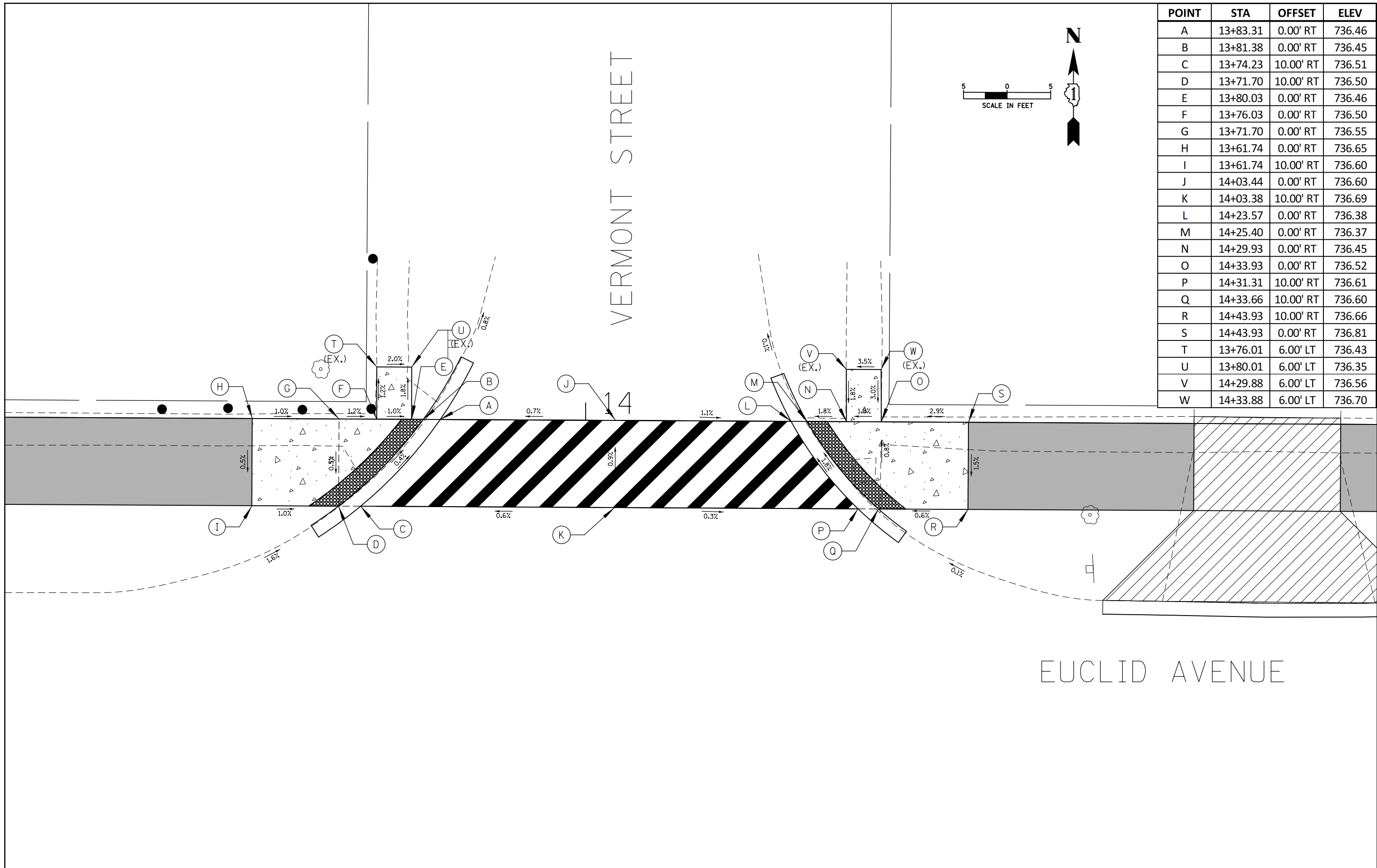
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				323.8

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	13
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	448
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	462
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	26
DRILL EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
CONCRETE FOUNDATION, TYPE A 12 INCH DIAMETER	FOOT	4

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
2201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096
ENERGY SUPPLY: CONTACT: X
PHONE: X
COMPANY: COMED
ACCOUNT NUMBER: --

TS #5300



POINT	STA	OFFSET	ELEV
A	13+83.31	0.00' RT	736.46
B	13+81.38	0.00' RT	736.45
C	13+74.23	10.00' RT	736.51
D	13+71.70	10.00' RT	736.50
E	13+80.03	0.00' RT	736.46
F	13+76.03	0.00' RT	736.50
G	13+71.70	0.00' RT	736.55
H	13+61.74	0.00' RT	736.65
I	13+61.74	10.00' RT	736.60
J	14+03.44	0.00' RT	736.60
K	14+03.38	10.00' RT	736.69
L	14+23.57	0.00' RT	736.38
M	14+25.40	0.00' RT	736.37
N	14+29.93	0.00' RT	736.45
O	14+33.93	0.00' RT	736.52
P	14+31.31	10.00' RT	736.61
Q	14+33.66	10.00' RT	736.60
R	14+43.93	10.00' RT	736.66
S	14+43.93	0.00' RT	736.81
T	13+76.01	6.00' LT	736.43
U	13+80.01	6.00' LT	736.35
V	14+29.88	6.00' LT	736.56
W	14+33.88	6.00' LT	736.70

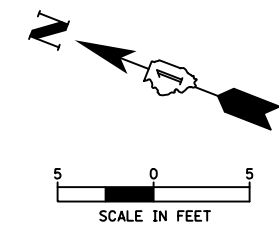
FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR\BR200\980361BR245\Civil\ADA_980361BR245_01.shd		DRAWN -	REVISED -
Default	PLOT SCALE = 10'	CHECKED -	REVISED -
	DATE = 10/24/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

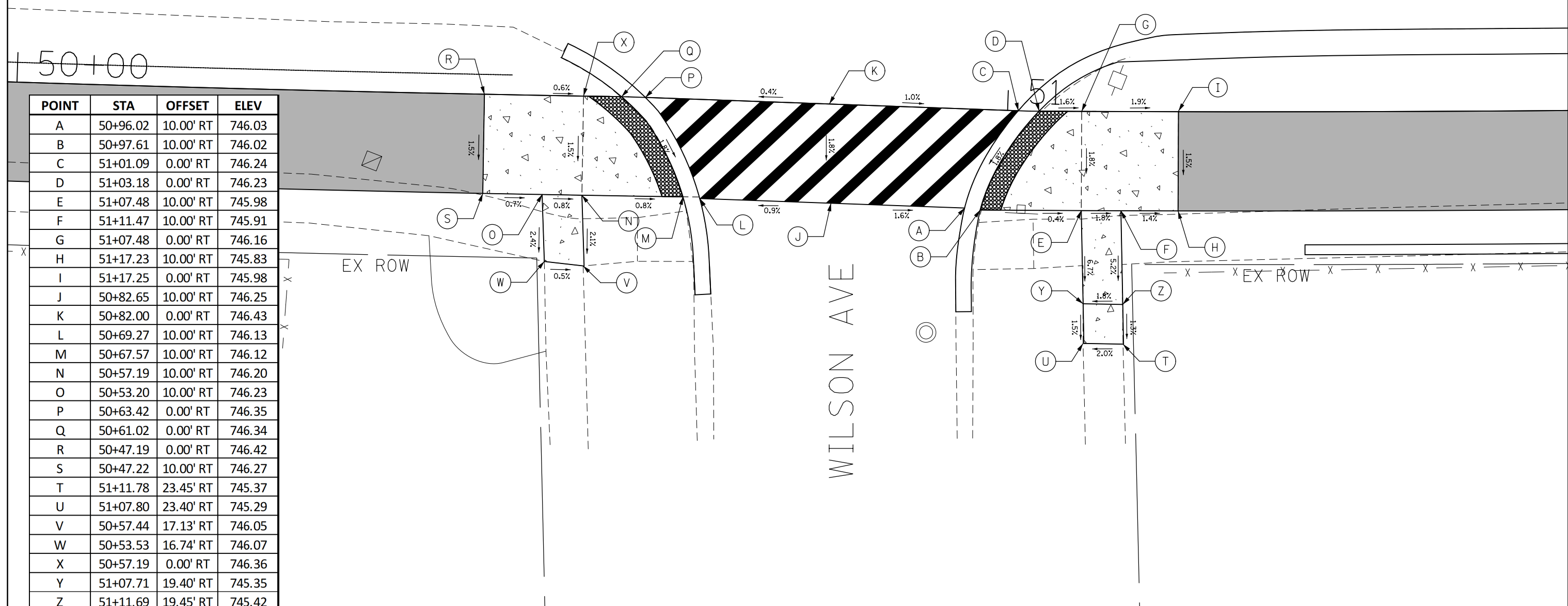
HICKS ROAD BIKE PATH
ADA GRADING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

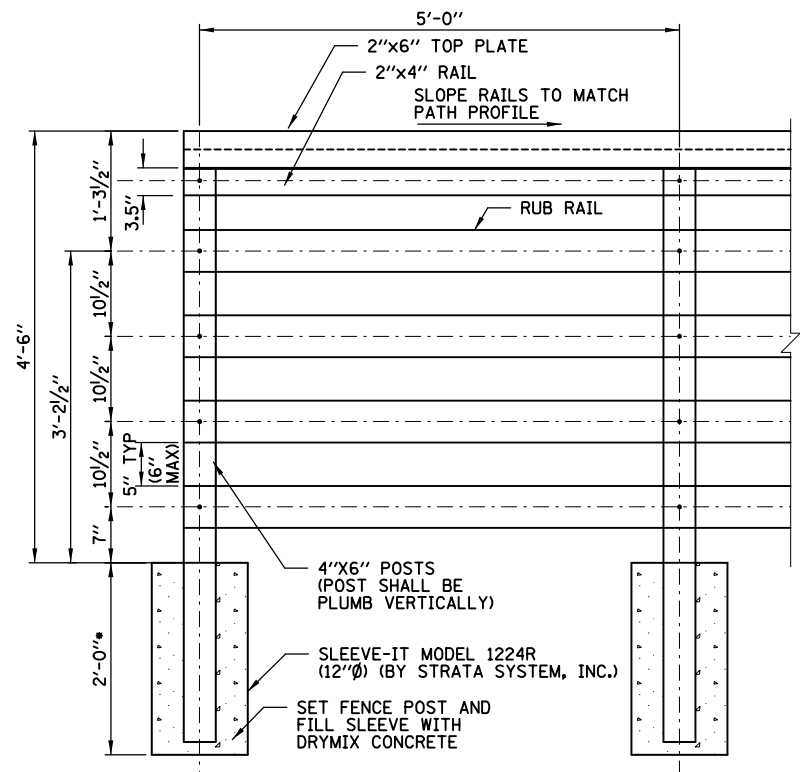
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	39
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	



HICKS ROAD

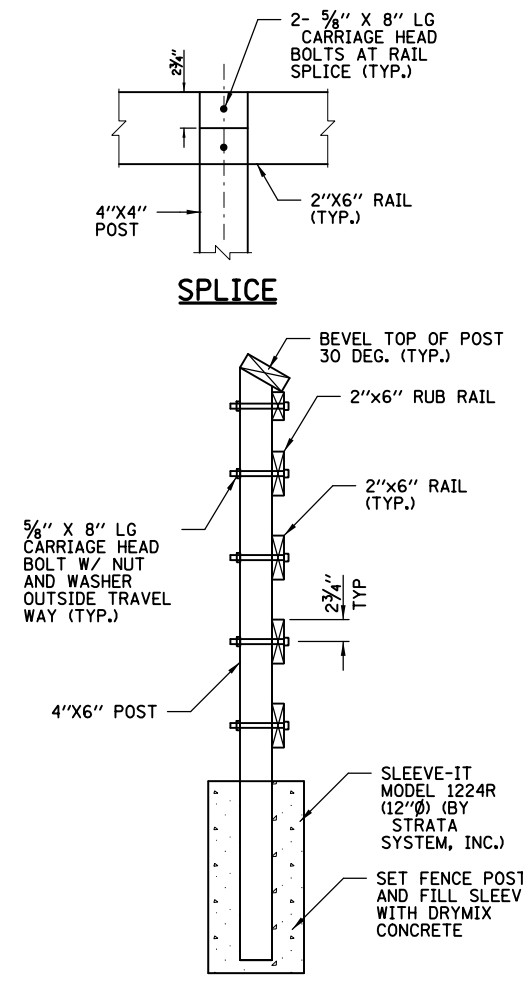


POINT	STA	OFFSET	ELEV
A	50+96.02	10.00' RT	746.03
B	50+97.61	10.00' RT	746.02
C	51+01.09	0.00' RT	746.24
D	51+03.18	0.00' RT	746.23
E	51+07.48	10.00' RT	745.98
F	51+11.47	10.00' RT	745.91
G	51+07.48	0.00' RT	746.16
H	51+17.23	10.00' RT	745.83
I	51+17.25	0.00' RT	745.98
J	50+82.65	10.00' RT	746.25
K	50+82.00	0.00' RT	746.43
L	50+69.27	10.00' RT	746.13
M	50+67.57	10.00' RT	746.12
N	50+57.19	10.00' RT	746.20
O	50+53.20	10.00' RT	746.23
P	50+63.42	0.00' RT	746.35
Q	50+61.02	0.00' RT	746.34
R	50+47.19	0.00' RT	746.42
S	50+47.22	10.00' RT	746.27
T	51+11.78	23.45' RT	745.37
U	51+07.80	23.40' RT	745.29
V	50+57.44	17.13' RT	746.05
W	50+53.53	16.74' RT	746.07
X	50+57.19	0.00' RT	746.36
Y	51+07.71	19.40' RT	745.35
Z	51+11.69	19.45' RT	745.42



ELEVATION

• WHEN FENCE IS NOT ADJACENT TO A RETAINING WALL, FOUNDATION SHALL BE 42" DEEP AND 12" IN DIAMETER.



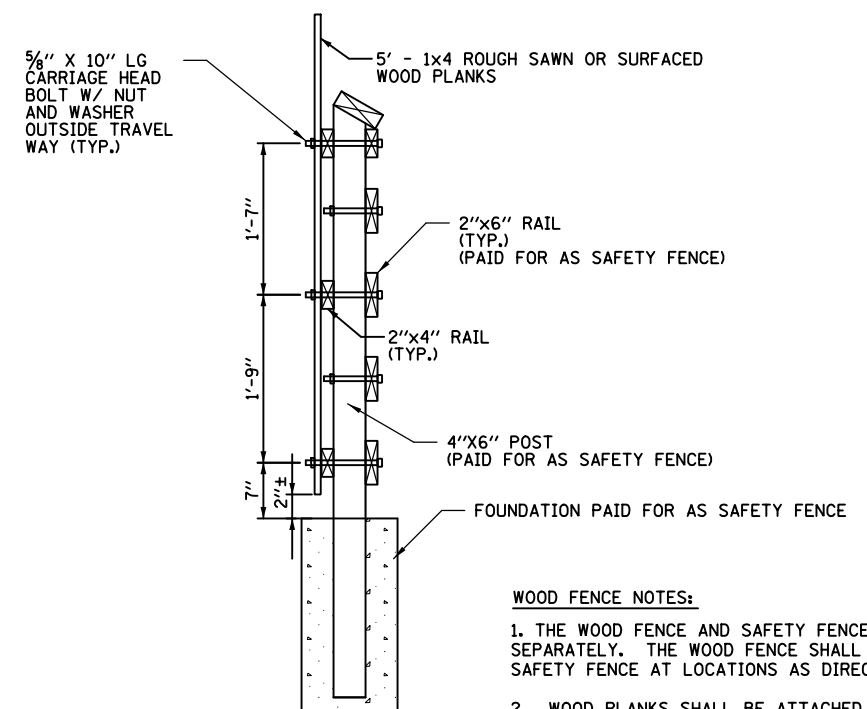
SPLICE

SECTION

SAFETY FENCE NOTES:

1. WHEN THE FENCE IS TO BE LOCATED NEXT TO A RETAINING WALL, THE SLEEVE SYSTEM SHALL BE PLACED IMMEDIATELY BEHIND THE TOPMOST WALL/CAP UNIT.
2. CUT THE GEOGRID AROUND THE SLEEVE SYSTEM IF NECESSARY.
3. WHEN THE FENCE IS NOT LOCATED NEXT TO A RETAINING WALL, THE FACE OF FENCE SHALL BE 2'-0" FROM THE EDGE OF THE HMA BIKE PATH.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE POSTS IN A MANNER THAT AVOIDS EXISTING AND PROPOSED DRAINAGE STRUCTURES.

SAFETY FENCE



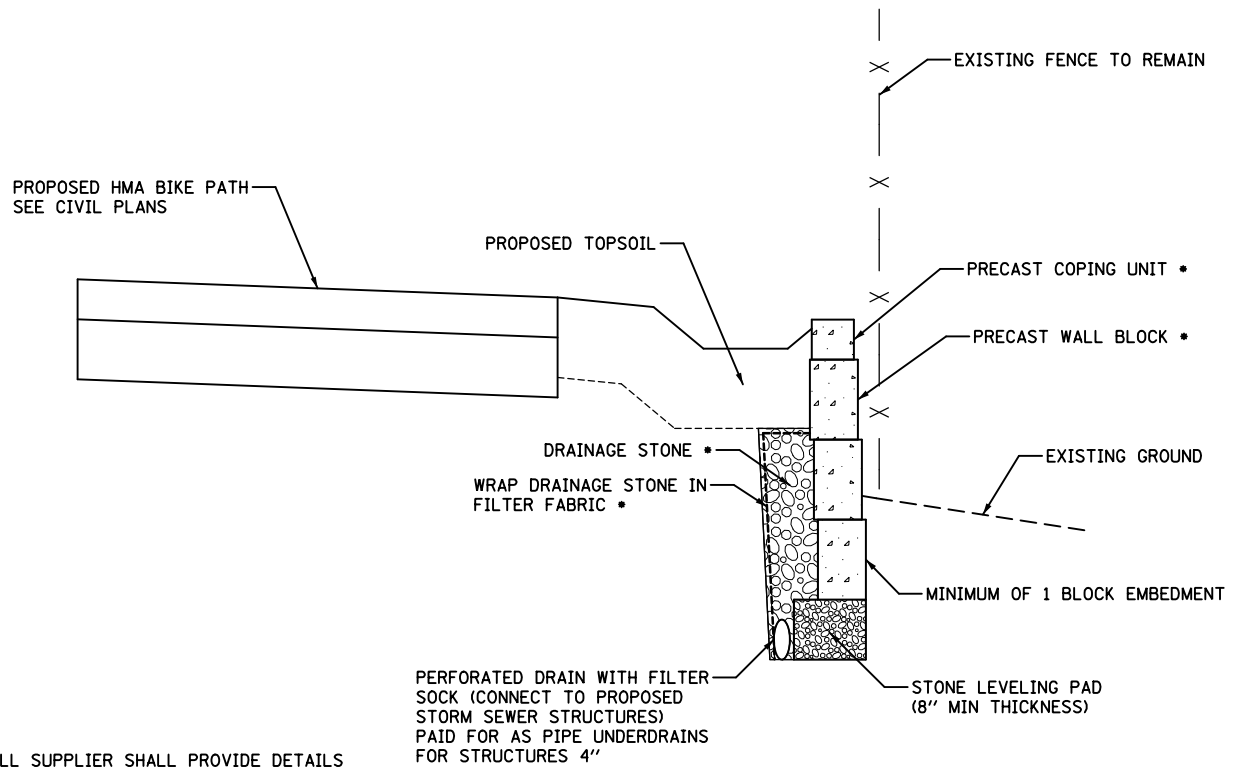
WOOD FENCE

WOOD FENCE NOTES:

1. THE WOOD FENCE AND SAFETY FENCE SHALL BE PAID FOR SEPARATELY. THE WOOD FENCE SHALL BE ADDED ON TO THE SAFETY FENCE AT LOCATIONS AS DIRECTED BY THE ENGINEER.
2. WOOD PLANKS SHALL BE ATTACHED TO RAILS USING GALVANIZED WIRE NAILS AT MAXIMUM 3" CENTERS WITH A MINIMUM OF 2 NAILS PER PLANK.

RETAINING WALL NOTES:

1. SEGMENTAL CONCRETE BLOCK WALL SUPPLIER SHALL PROVIDE DETAILS REQUIRED FOR CONSTRUCTION OF THE PROPOSED WALLS. ALL SEGMENTAL CONCRETE BLOCK WALL DETAILS SHOWN IN THESE PLANS ARE CONCEPTUAL AND ARE TO BE USED FOR ESTIMATING PURPOSES ONLY. ACUTAL DETAILS WILL DEPEND ON THE PROPOSED WALL SYSTEM SUBMITTED BY THE CONTRACTOR. DETAILS FOR WALL CURVES, PIPE PENETRATIONS, DRAINAGE STRUCTURE BEHIND WALLS OR OTHER MISCELLANEOUS DETAILS SHALL BE PROVIDED BY THE WALL SUPPLIER.
2. THE COLOR OF THE PROPOSED SEGMENTAL CONCRETE BLOCK WALL SHALL BE SELECTED BY THE ENGINEER AS COORDINATED WITH THE CITY OF ROLLING MEADOWS.
3. SEE PATH PROFILE AND CROSS SECTIONS FOR TOP AND BOTTOM OF WALL ELEVATIONS.

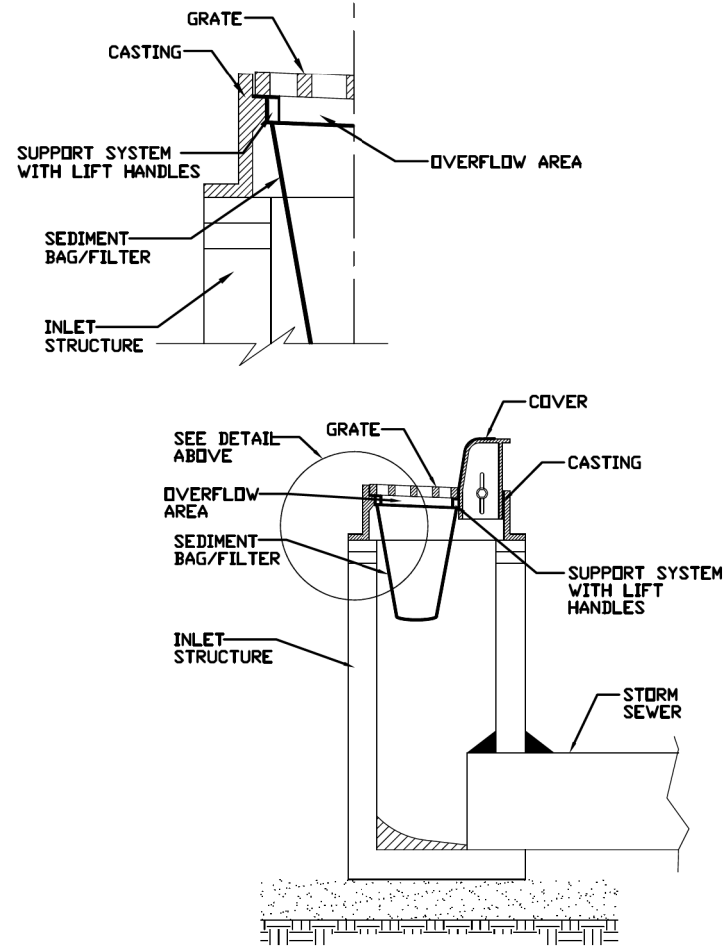


SEGMENTAL CONCRETE BLOCK WALL

• INCLUDED IN COST OF SEGMENTAL CONCRETE BLOCK WALL

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HICKS ROAD BIKE PATH CONSTRUCTION DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR245\Civil\DET_98361BR245_01.sht		DRAWN -	REVISED -			2592	19-00123-00-BT	COOK	67	42	
		CHECKED -	REVISED -			CONTRACT NO. 61J63					
Default		DATE -	REVISED -			SCALE: N.T.S.	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

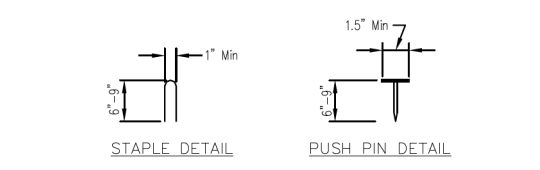
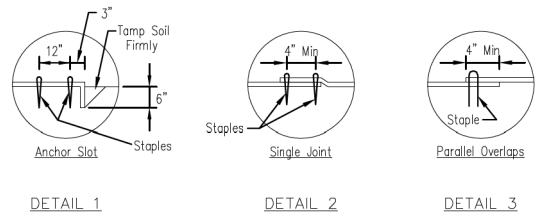
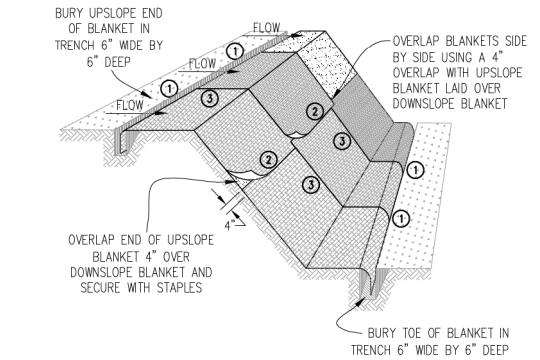
INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



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

INLET FILTER

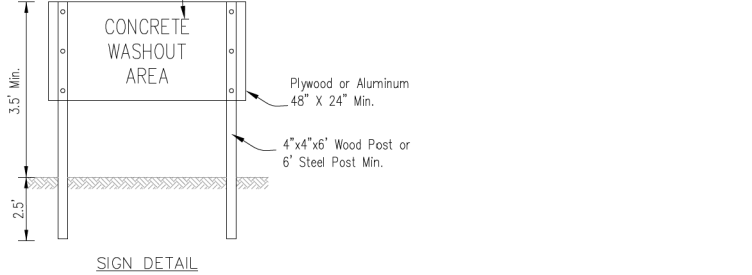
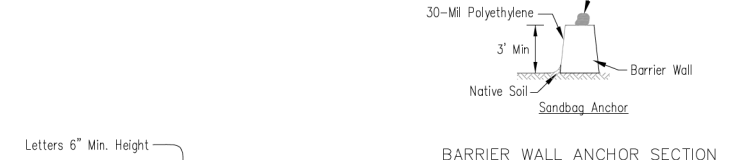
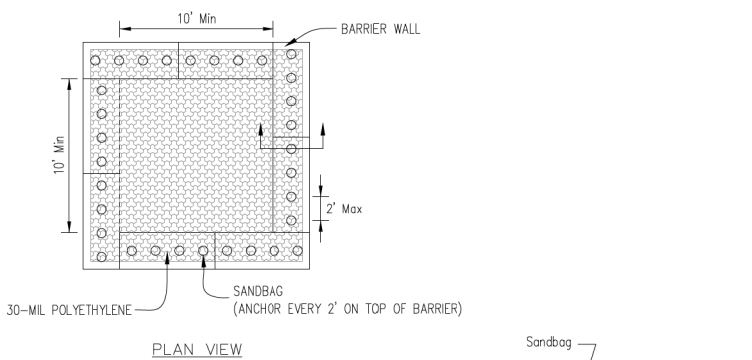
AUTOCAD2006



- 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 staples 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.

DESIGNED	DATE	EROSION CONTROL BLANKET INSTALLATION DETAILS
Drawn E. JOHNSON	11/08	
Checked		
Approved		

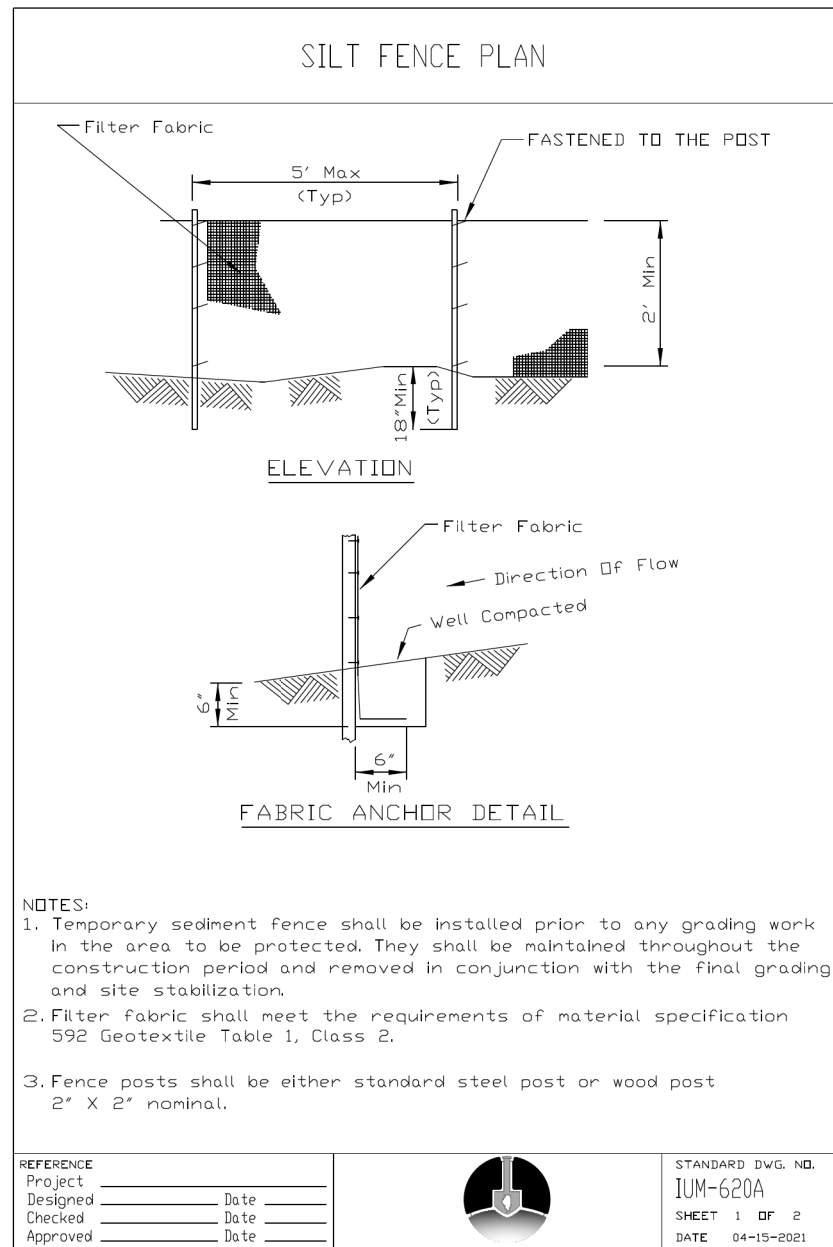
AUTOCAD2006



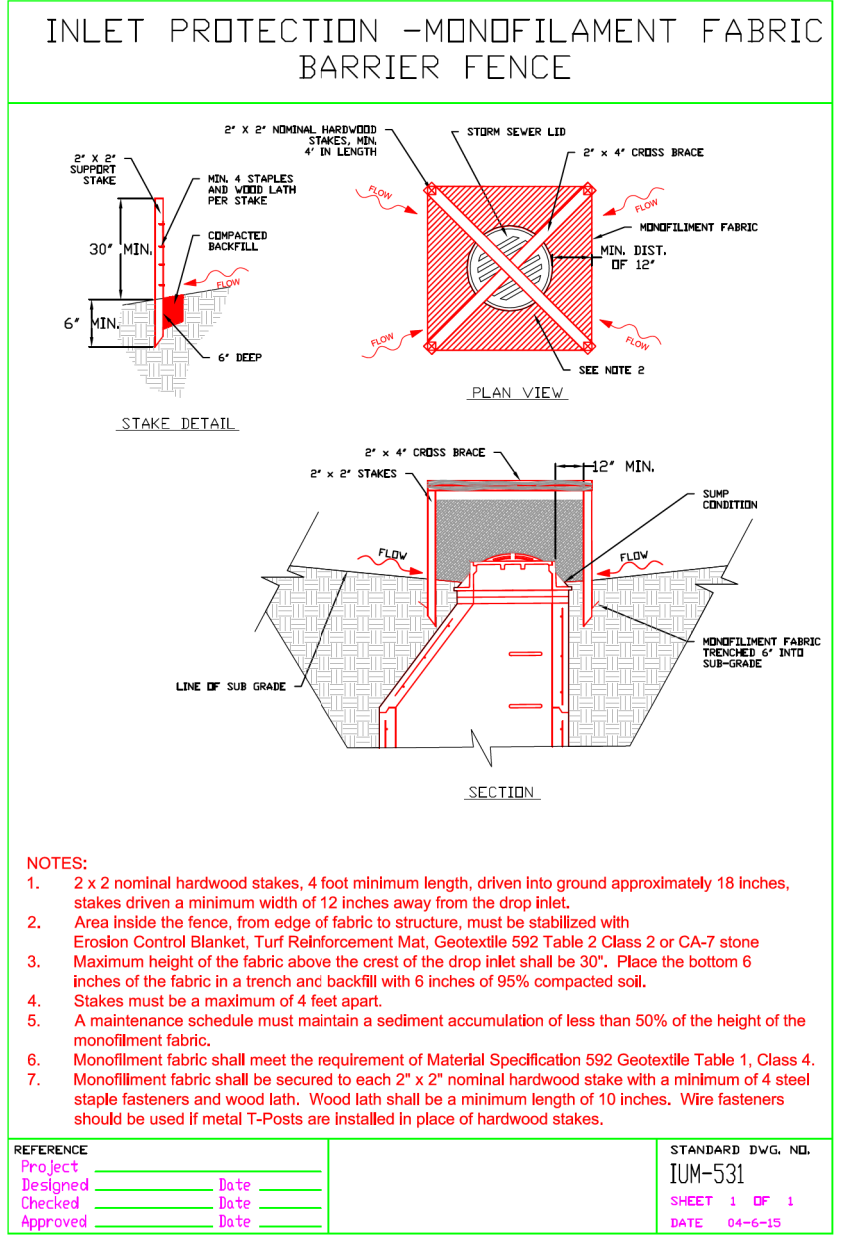
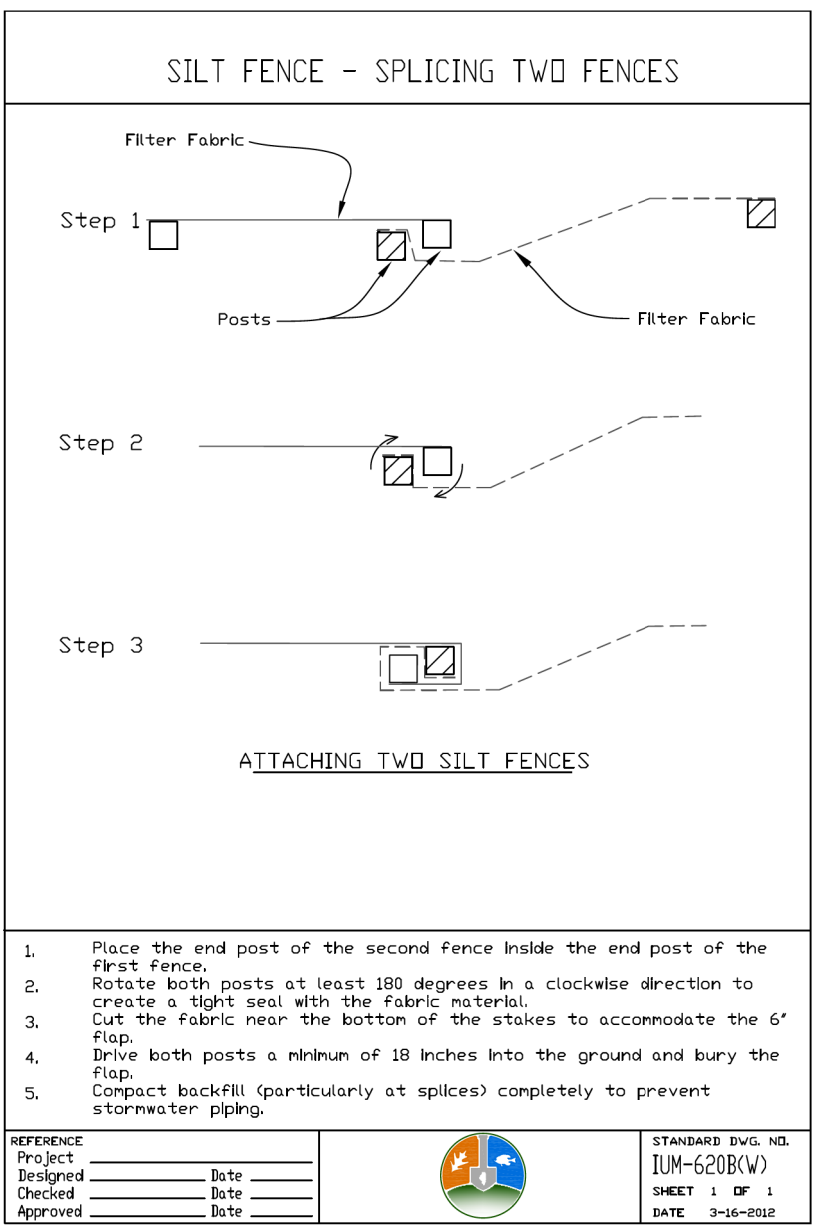
- NOTES:
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

DESIGNED	DATE	TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL
Drawn E. JOHNSON	6/08	
Checked		
Approved		

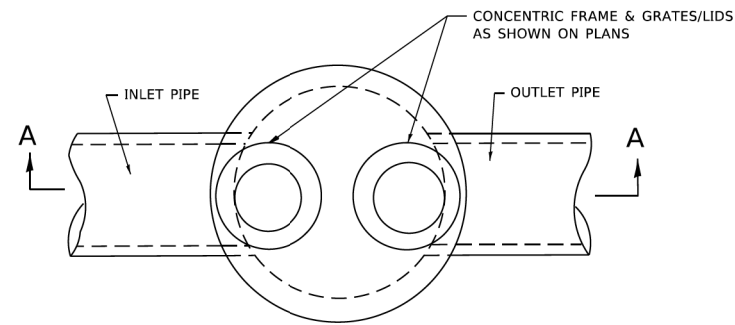
WASHOUT BASIN



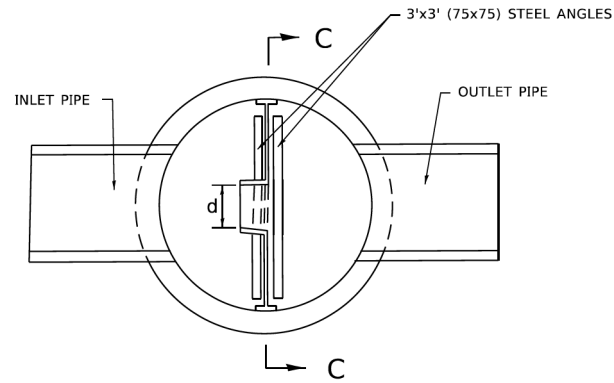
PERIMETER EROSION BARRIER



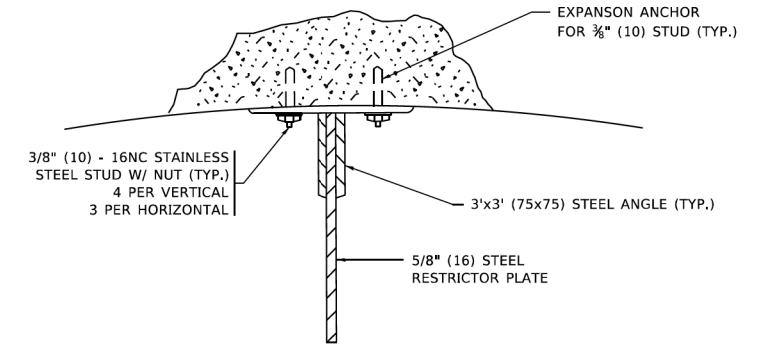
INLET PROTECTION PAID FOR AS PERIMETER EROSION BARRIER



PLAN



SECTION B-B



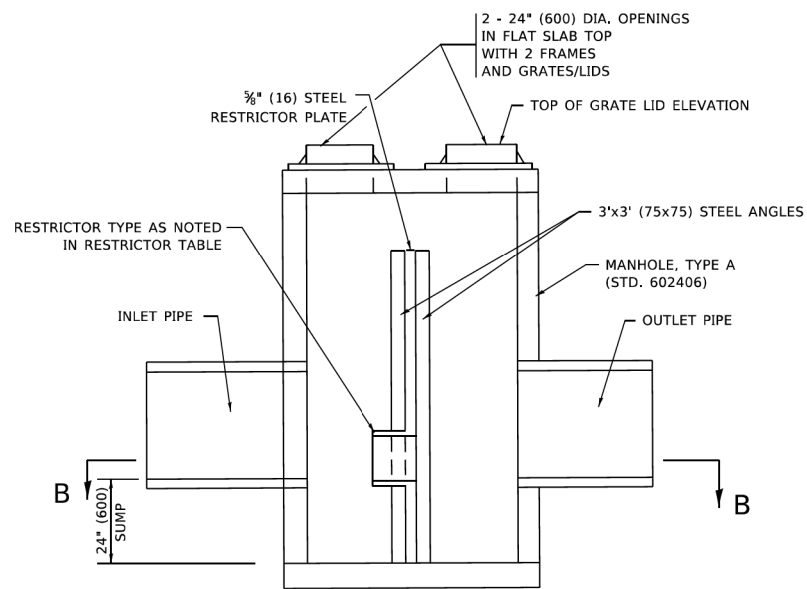
ANGLE FASTENER DETAIL

NOTES:

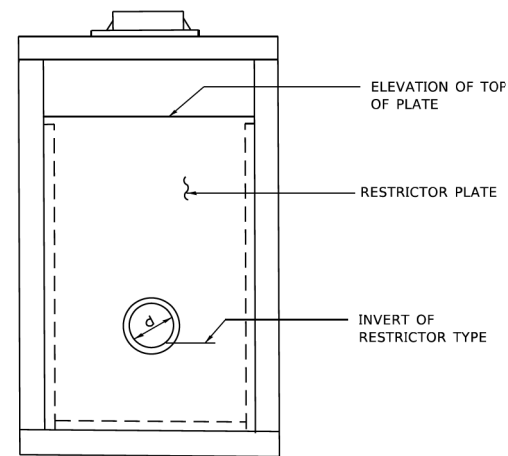
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

BASIS OF PAYMENT:

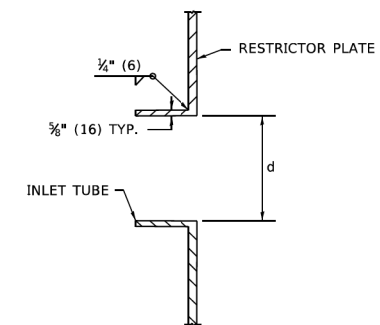
1. TO BE PAID FOR AS "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



SECTION A-A



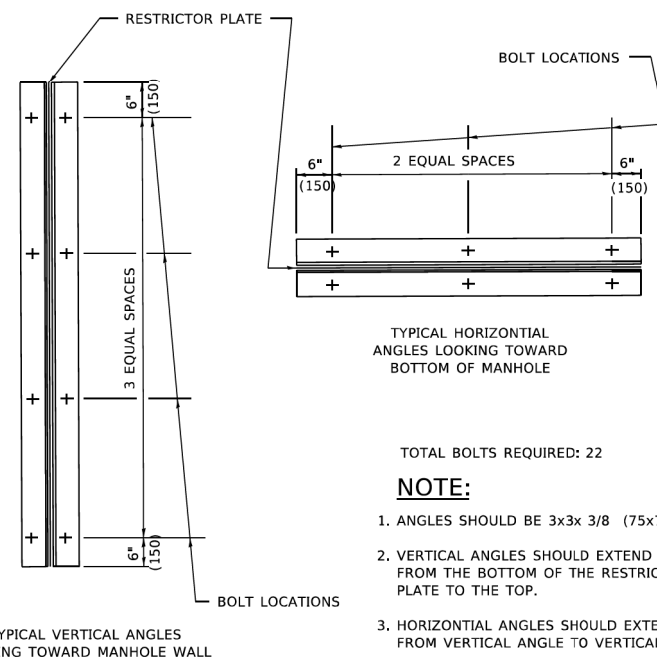
SECTION C-C



INLET TUBE DETAIL

RESTRICTOR NO.	STATION	OFFSET	MH RIM	RESTRICTOR INVERT	RESTRICTOR DIA. (IN.)	INLET PIPE DIA. (IN.)	OUTLET PIPE DIA. (IN.)	TOP OF RESTRICTOR PLATE	RESTRICTOR TYPE
S-1	40+66.06	6.85 RT	744.69	739.00	6.0	36	15	742.77	3
S-5*	48+25.50	10.00 RT	746.94	738.46	8.0	24	12	743.00	3
S-11	54+09.97	9.14 RT	744.80	740.47	10.0	24	12	743.00	3

* MANHOLE AND RESTRICTOR MUST BE FABRICATED TO ACCOMDATE PIPE INLET AND OUTLET ANGLE



STEEL ANGLE BOLTING DETAILS

TYPICAL HORIZONTAL ANGLES LOOKING TOWARD BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

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

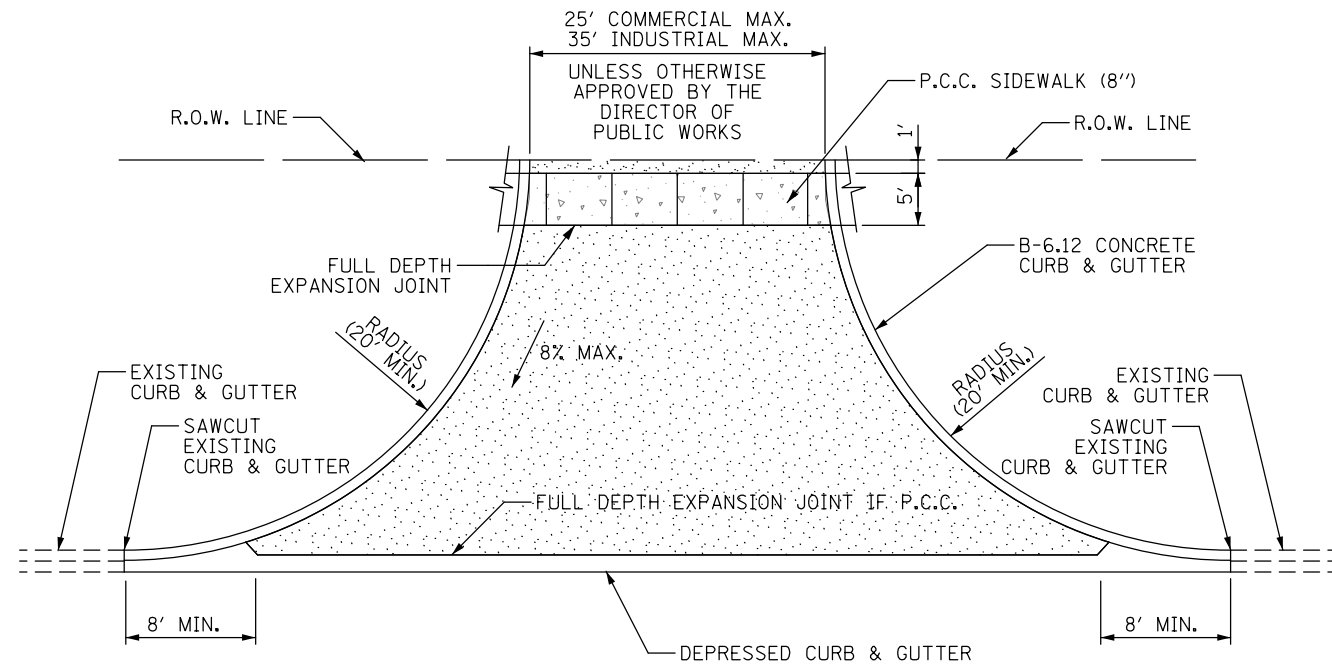
FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR\200\980361BR245\Civil\DET_98361BR245_04.sht		DRAWN -	REVISED -
Default	PLOT SCALE = 2'	CHECKED -	REVISED -
	PLOT DATE = 10/24/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HICKS ROAD BIKE PATH
CONSTRUCTION DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	45
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				



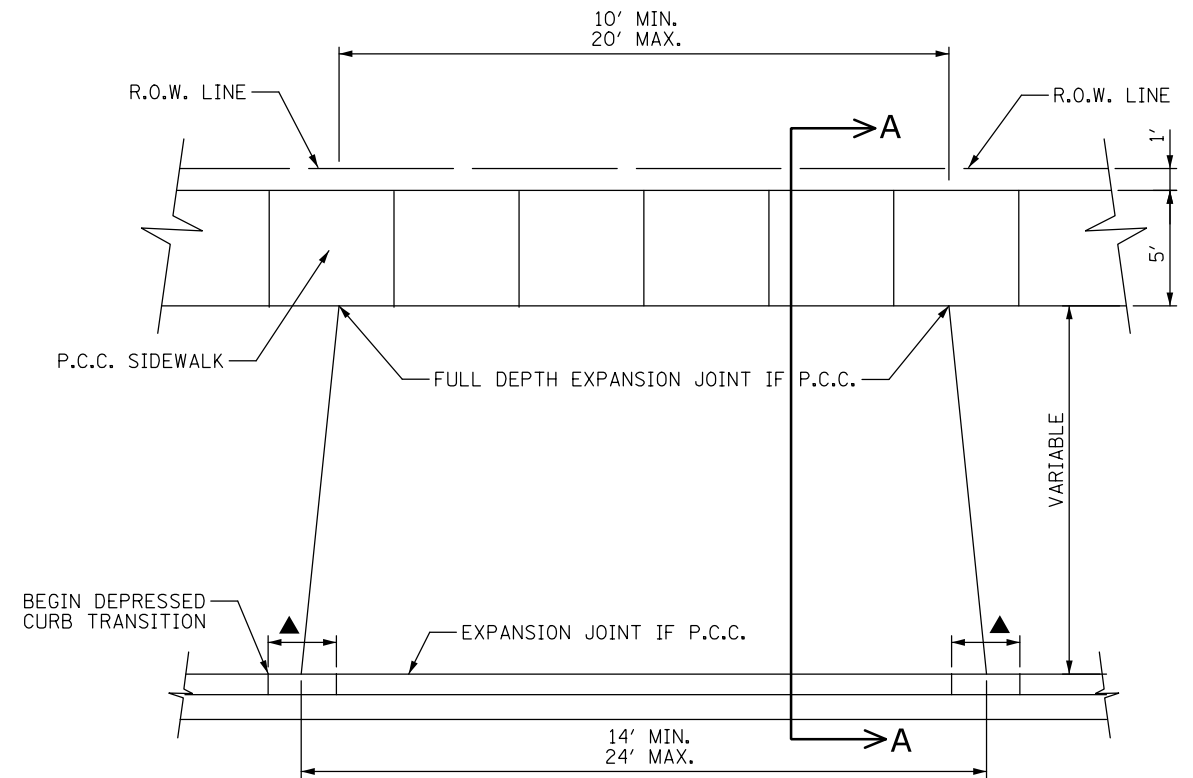
	BITUMINOUS	CONCRETE
COMMERCIAL	2" BIT. SURFACE COURSE 6" BIT. BASE COURSE 4" AGGREGATE	7" CONCRETE 4" AGGREGATE
INDUSTRIAL	2" BIT. SURFACE COURSE 2" BIT. BINDER COURSE 6" BIT. BASE COURSE 4" AGGREGATE	8" CONCRETE 4" AGGREGATE

**FOR DRIVEWAYS
ON HICKS ROAD**

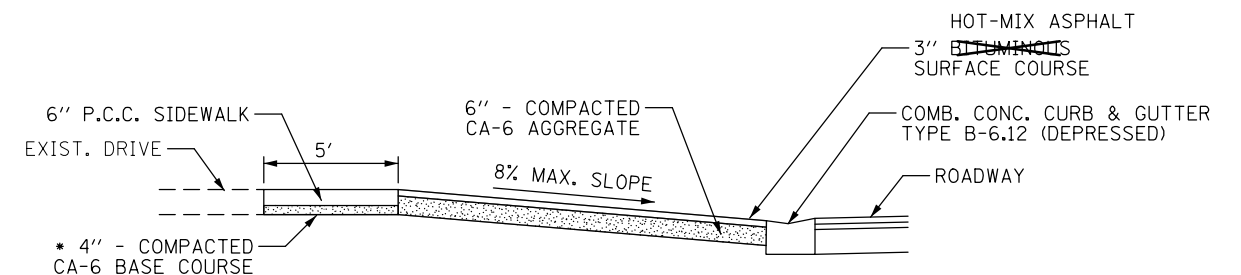


City of Rolling Meadows
3600 Kirchoff Road
Rolling Meadows, Illinois 60008
(847) 394-9500

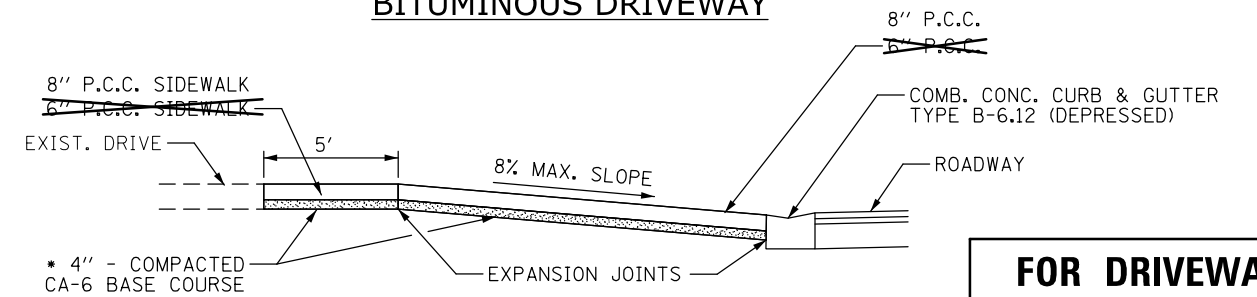
ENGINEERING DETAILS R-1



- ▲ - TRANSITION FROM FULL CURB IN 2 LINEAL FEET
- DRIVEWAY APPROACH SHALL MEET CURB AND GUTTER AT A POINT BETWEEN FULL CURB AND ONE-HALF CURB HEIGHT.
- DRIVEWAY FLARE SHALL BE SYMMETRIC ABOUT THE DRIVEWAY CENTERLINE UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.



**SECTION A - A
BITUMINOUS DRIVEWAY**



**SECTION A - A
P.C.C. DRIVEWAY**

**FOR DRIVEWAYS
ON HICKS ROAD**



City of Rolling Meadows
3600 Kirchoff Road
Rolling Meadows, Illinois 60008
(847) 394-9500

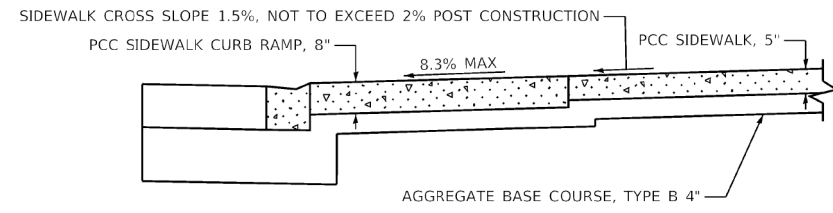
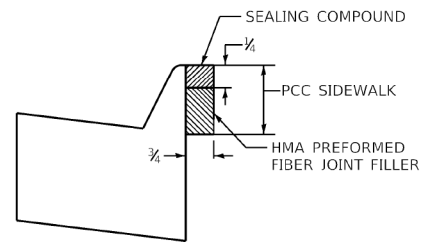
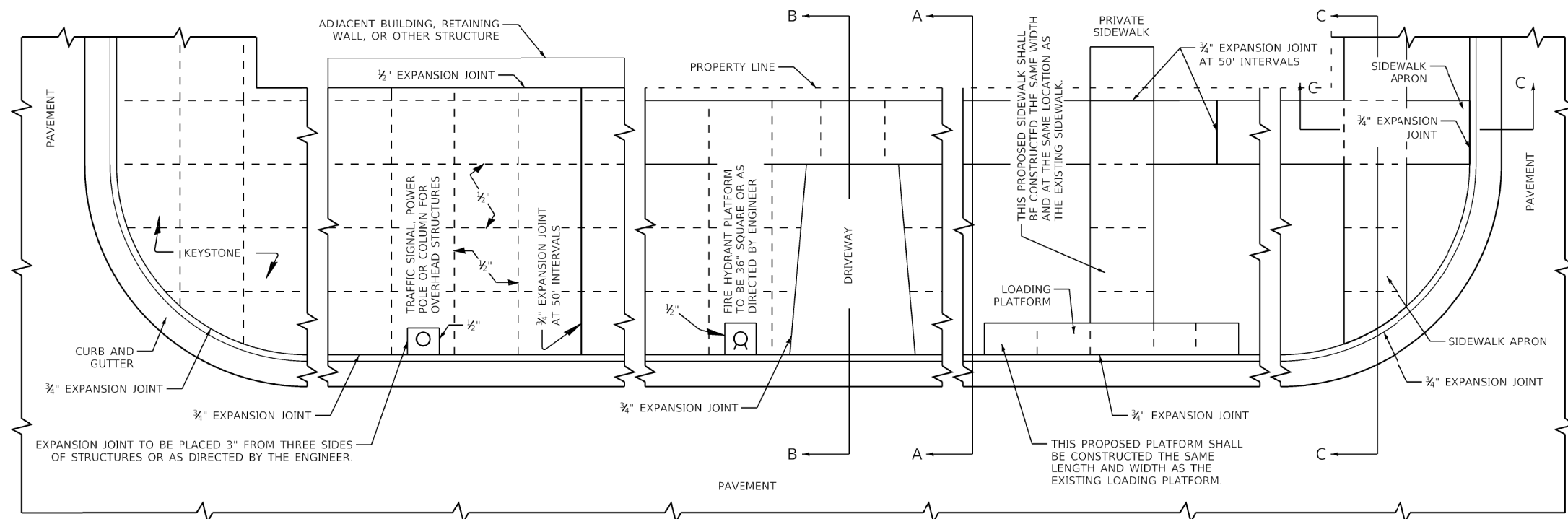
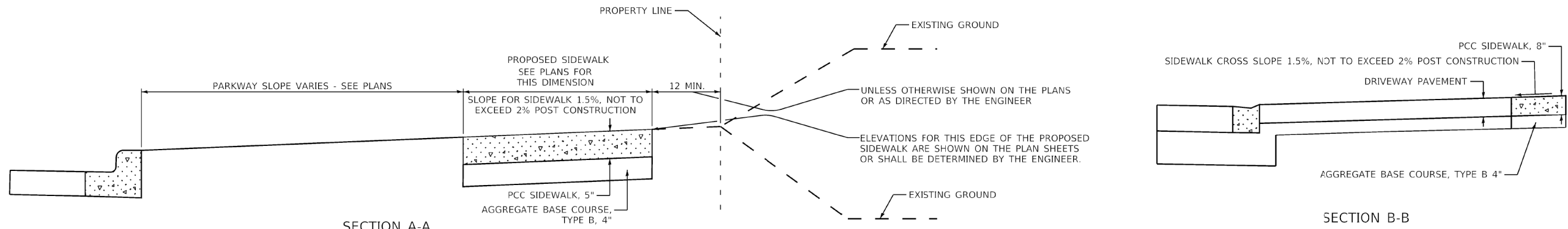
ENGINEERING DETAILS R-2

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -
N:\ROLLINGMEADOWS\980361.BR\BR200\980361BR245\Civil\DET_98361BR245_05.sht		DRAWN -	REVISED -
	PLOT SCALE = 1"	CHECKED -	REVISED -
Default	PLOT DATE = 10/24/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HICKS ROAD BIKE PATH CONSTRUCTION DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	46
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				



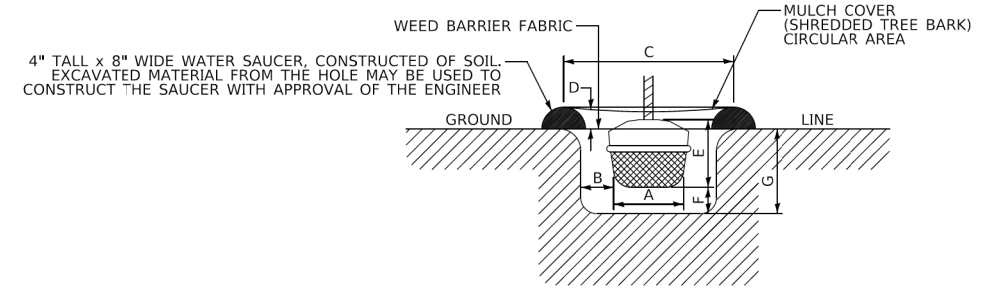
GENERAL NOTES:
 ALL EXPANSION JOINTS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 424.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PORTLAND CEMENT CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED.
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

MUNICIPALITY, IL MUNICIPALITY, IL NAME TOWNSHIP	COUNTY HIGHWAY: XXX FISCAL YEAR: XXXX SECTION: XX-XXXX-XX-XX		COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	COMPUTED: xxx DRAWN: xxx CHECKED: xxx	REVISIONS GENERAL 1/1/20 NEW DRAWING SECTION C-C 11/10/22	DATE 1/1/20 11/10/22	PORTLAND CEMENT CONCRETE SIDEWALK CONSTRUCTION DETAIL COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS STANDARD C-003	C-XXX NOT TO SCALE SHEET X
---	--	--	---	---	---	----------------------------	--	-------------------------------

GENERAL NOTE:

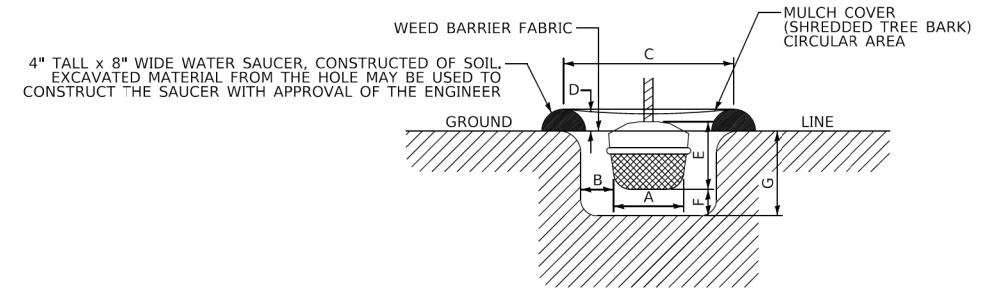
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

SHRUBS, VINES AND SEEDLINGS	SPACING (FOOT)	CIRCULAR HOLE EXC. DIA.	TOPSOIL FOR PLANTING	SHREDDED TREE BARK (ORGANIC)
			(CU. YD.)	(CU. YD.)
SHRUBS	2.5 O.C.	18	0.09	0.08
SHRUBS	3 O.C.	18	0.09	0.11
SHRUBS	4 O.C.	18	0.09	0.20
SHRUBS	5 O.C.	18	0.09	0.31
SHRUBS	2.5 O.C.	18	0.09	0.08
SHRUBS 13 x 11 BB	3 O.C.	18	0.07	0.11
VINES AND SEEDLINGS	2 O.C.	18	0.02	0.05



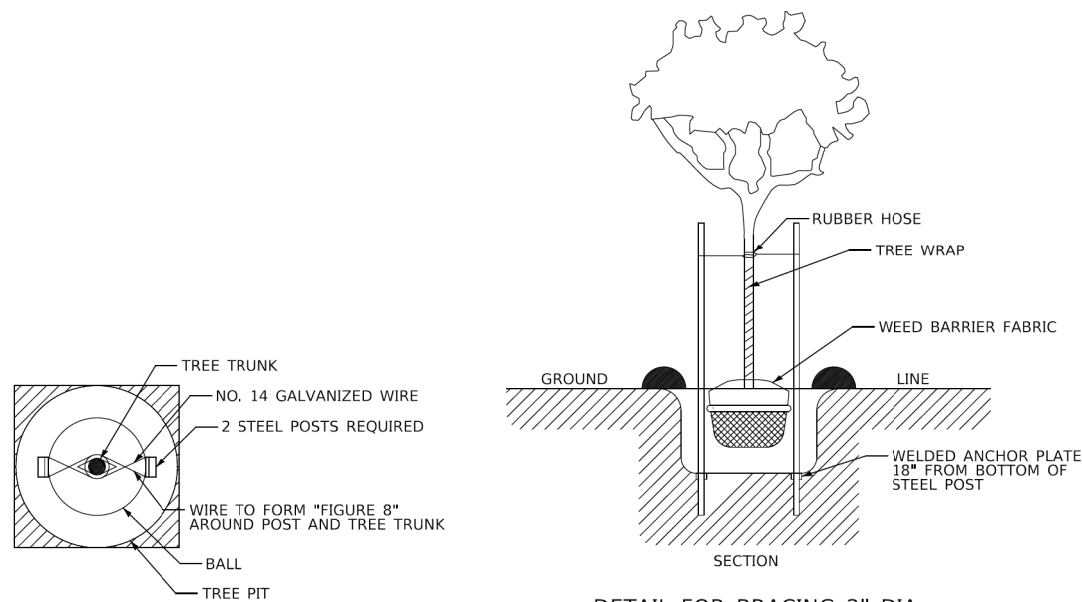
SMALL TREES

SHREDDED TREE BARK (ORGANIC) (CU. YD.)	TREE SIZE	DIA. OF BALL OR ROOT SYS.	WIDTH SOIL RING	SQUARE HOLE EXC.	THICK MULCH COVER	DEPTH BALL OR ROOT SYS.	DEPTH SOIL LAYER	DEPTH HOLE EXC.	TOPSOIL FOR PLANTING (CU. YD.)
		A	2 x B	C	D	E	F	G	(CU. YD.)
0.06	5 - 6	16	14	30 x 30	4	12	6	16	0.40
0.06	5 - 6 BB	16	14	30 x 30	4	13	6	17	0.38
0.06	6 - 7 BB	18	12	30 x 30	4	14	6	18	0.40
0.09	7 - 8 BB	20	16	36 x 36	4	15	6	19	0.60
0.09	8 - 10 BB	24	12	36 x 36	4	16	6	20	0.60
0.09	10 - 12 BB	26	16	36 x 36	4	17	6	21	0.60



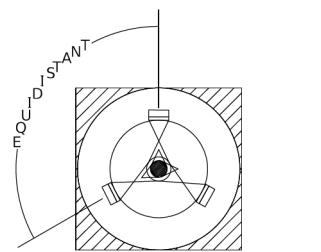
LARGE TREES

SHREDDED TREE BARK (ORGANIC) (CU. YD.)	TREE SIZE	DIA. OF BALL OR ROOT SYS.	WIDTH SOIL RING	SQUARE HOLE EXC.	THICK MULCH COVER	DEPTH BALL OR ROOT SYS.	DEPTH SOIL LAYER	DEPTH HOLE EXC.	TOPSOIL FOR PLANTING (CU. YD.)
		A	2 x B	C	D	E	F	G	(CU. YD.)
0.09	10 - 12	20	16	36 x 36	4	15	6	19	0.65
0.15	2 - 2½ Ft BB	24	24	48 x 48	4	16	6	20	1.15
0.15	2½ - 3 Ft BB	28	26	48 x 48	4	18	6	22	1.20
0.24	3 - 3½ Ft BB	32	28	60 x 60	4	19	6	23	2.05
0.24	3½ - 4 Ft BB	36	24	60 x 60	4	20	6	26	2.25
0.35	4 - 4½ Ft BB	40	32	72 x 72	4	24	6	28	3.55
0.35	4½ - 5 Ft BB	44	32	72 x 72	4	26	6	30	3.75
0.45	5 - 5½ Ft BB	46	36	88 x 88	4	31	6	35	6.55
0.06	5 - 6 Ft BB Ever. #2	19	11	30 x 30	4	14	6	18	0.40
0.06	6 - 7 Ft BB Ever. #2	21	9	30 x 30	4	15	6	19	0.40
0.09	7 - 8 Ft BB Ever. #2	24	12	36 x 36	4	16	6	20	0.60



PLAN 2"- 3" DIA.

DETAIL FOR BRACING 2" DIA. AND LARGER TREES

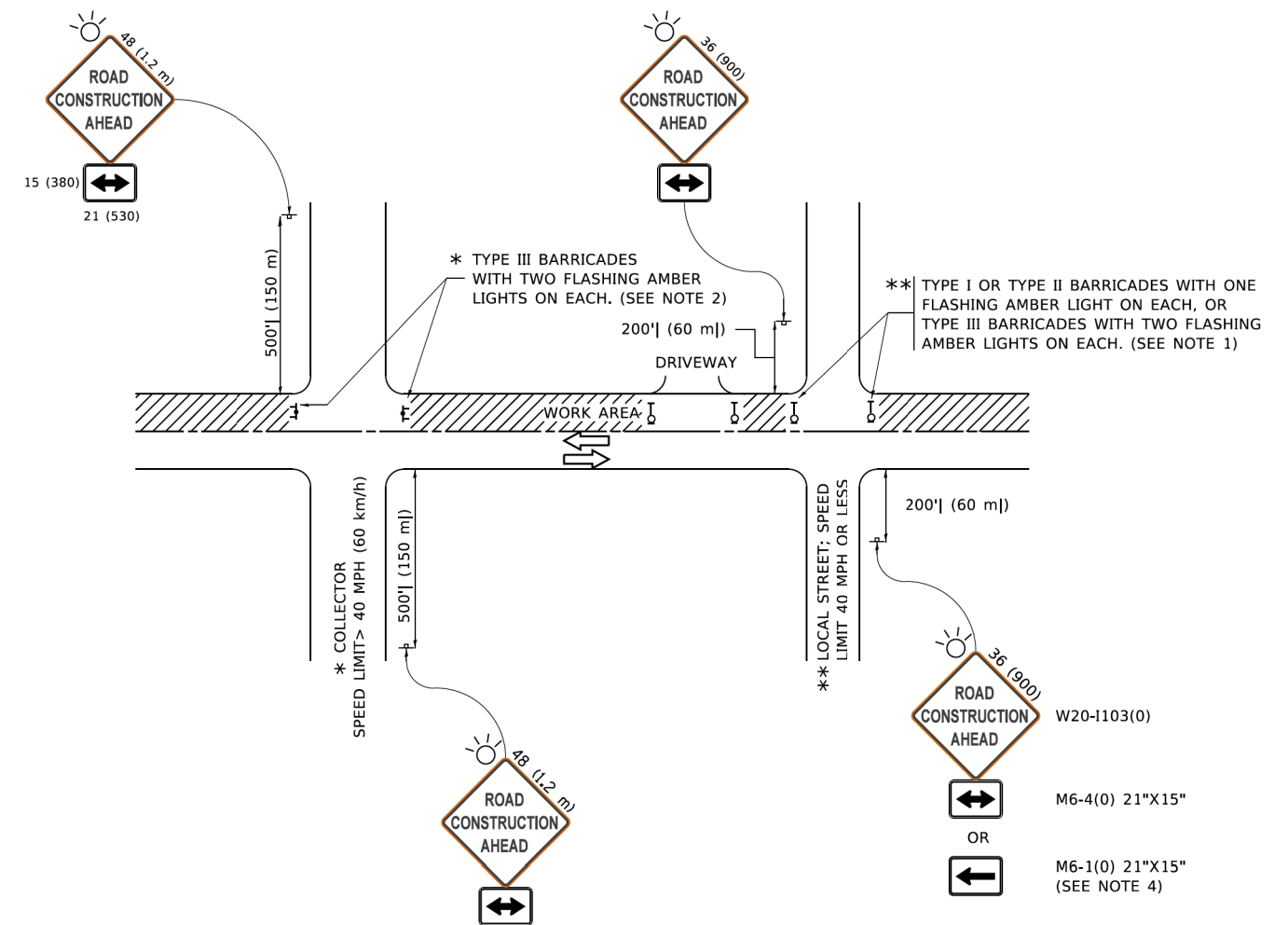


PLAN 3" DIA. AND LARGER

STANDARD LS-1

MUNICIPALITY, IL COUNTY HIGHWAY: XXX		COUNTY OF COOK	COMPUTED: xxx	REVISIONS	DATE	PLANTING DATA COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS LANDSCAPING STANDARD	LS-X NOT TO SCALE SHEET X
MUNICIPALITY, IL FISCAL YEAR: XXXX		DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	DRAWN: xxx		XX-XX-XX		
NAME TOWNSHIP SECTION: XX-XXXX-XX-XX			CHECKED: xxx				

FILE NAME =	USER NAME = mthomas	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HICKS ROAD BIKE PATH CONSTRUCTION DETAILS	F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	10/24/2024	DRAWN -	REVISED -			2592	19-00123-00-BT	COOK	67	49	
		CHECKED -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 61J63		
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



NOTES:

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

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

MODEL: Default
 FILE: \\m10847EBID\NETGE\Illinois.gov\PIV\DOT\Documents\DOT_Offices\District_1\Projects\Sub\5273-2a\CADD\at\CAD\sheet\1c.dgn

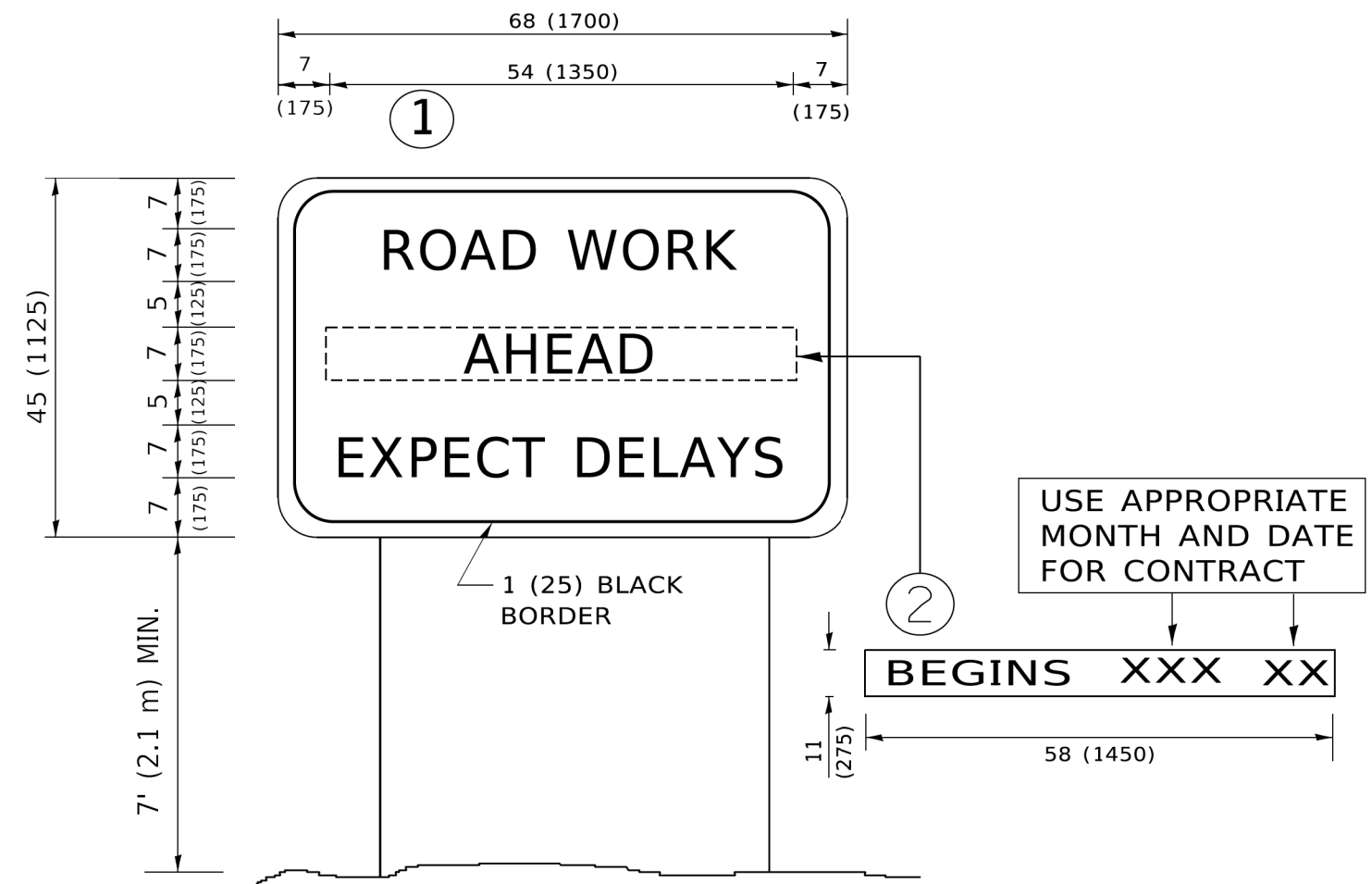
USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	50
TC-10			CONTRACT NO. 61J63	
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
FILE NAME: p:\u0048\BID\NTEG\Illinois.gov\PIWDOT\Documents\DOT_Offices\District_1\Projects\Dist1\2019\2019-01\CAD\DATA\CAD\Sheet122.dgn

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

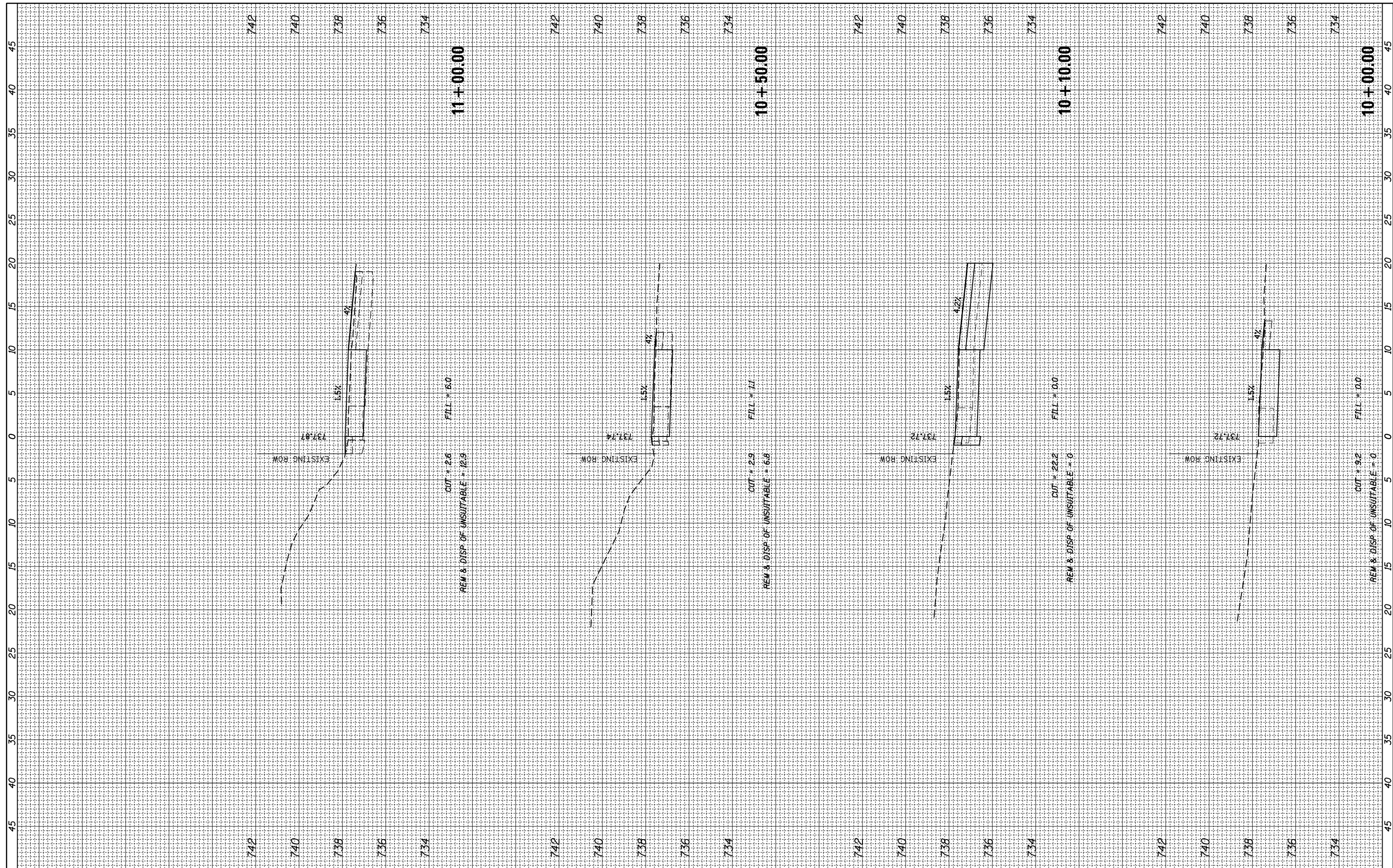
**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	52
TC-22			CONTRACT NO. 61J63	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
 N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR245\Civil\XS_EUC_98361BR245_01.sht
 PLOT SCALE = 10'
 PLOT DATE = 10/24/2024

USER NAME = mthomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

CUT = 2.6	FILL = 6.0
REM & DISP OF UNSUITABLE = 12.9	

CUT = 2.9	FILL = 11.1
REM & DISP OF UNSUITABLE = 6.8	

CUT = 22.2	FILL = 0.0
REM & DISP OF UNSUITABLE = 0	

CUT = 9.2	FILL = 0.0
REM & DISP OF UNSUITABLE = 0	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

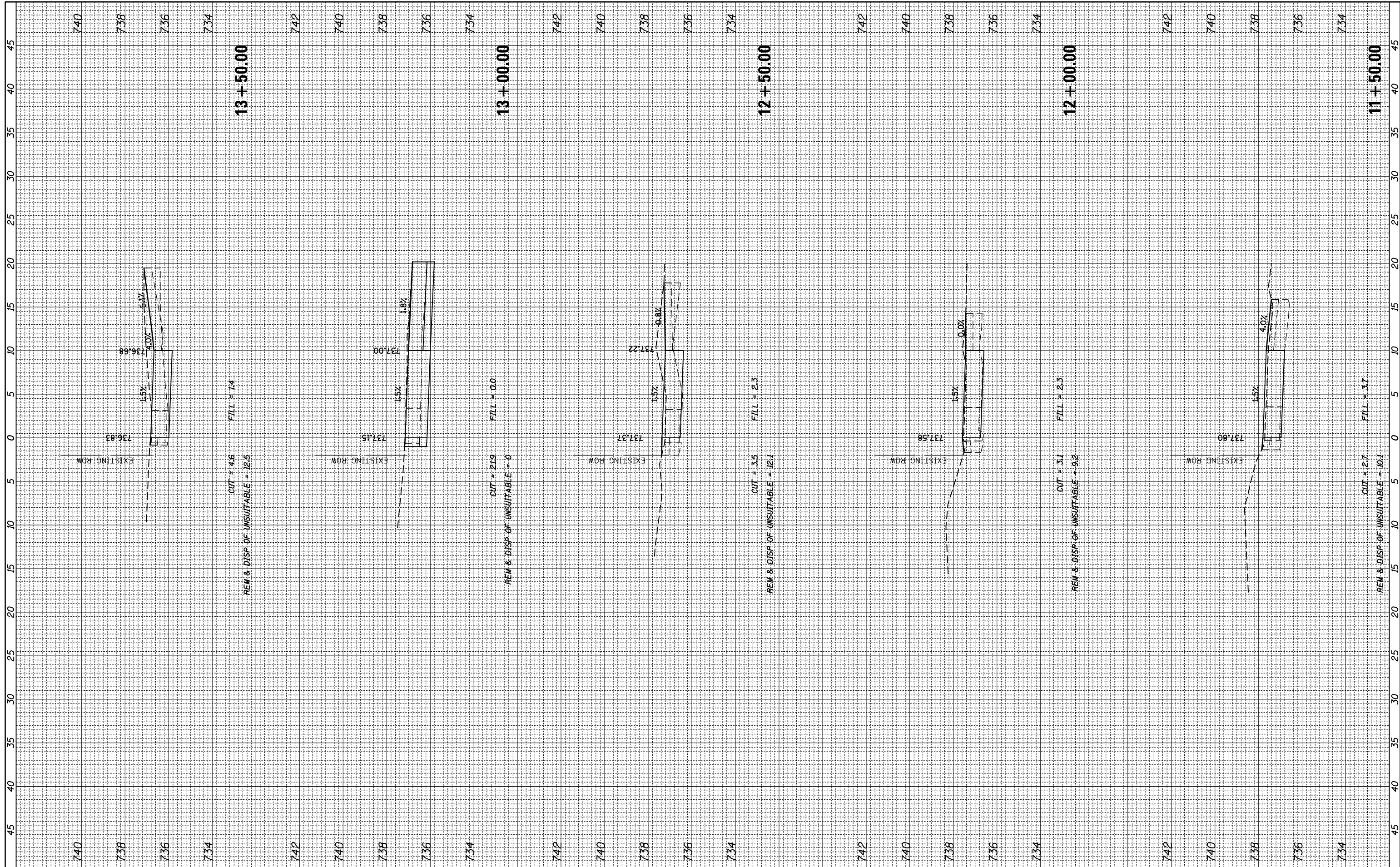
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 10+00.00 TO STA. 11+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	53
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
 N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR245\101.sht
 Default

USER NAME = mthomas
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

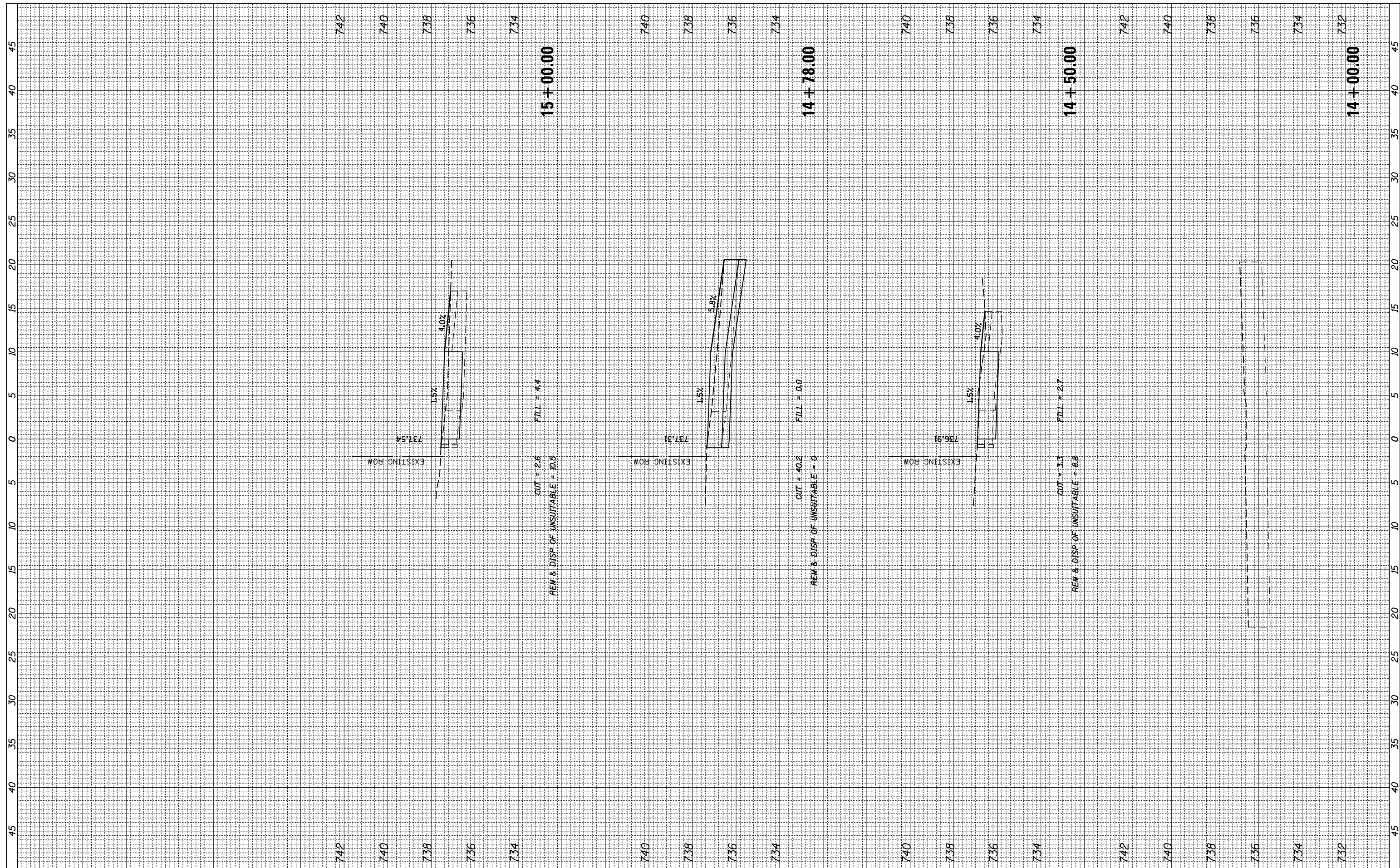
SCALE: SHEET OF SHEETS STA. 11+50.00 TO STA. 13+50.00

HICKS ROAD BIKE PATH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	54
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME = N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR25\Civil\XS.EUC_98361BR245_01.shd
 USER NAME = mthomas
 PLOT SCALE = 10'
 PLOT DATE = 10/24/2024

DESIGNED -	REVISOR -
DRAWN -	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

CUT = 2.6	FILL = 4.4
REM & DISP OF UNSUITABLE = 10.5	

CUT = 40.2	FILL = 0.0
REM & DISP OF UNSUITABLE = 0	

CUT = 3.3	FILL = 2.7
REM & DISP OF UNSUITABLE = 8.8	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

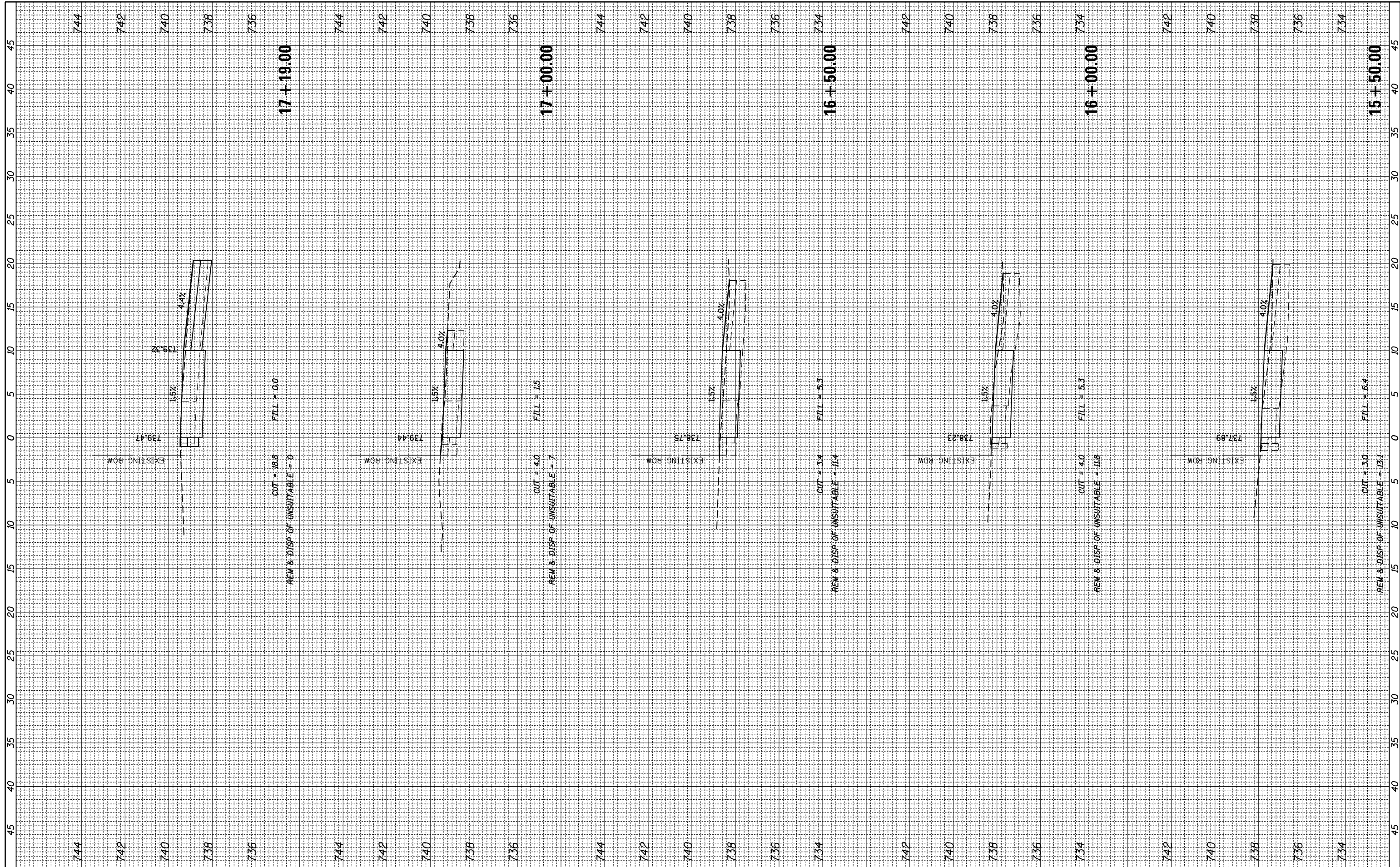
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 14+00.00 TO STA. 15+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	55
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =
 N:\ROLLINGMEADOWS\980361.BR\980361BR245\980361BR245.XS.EUC_980361BR245_01.shd

USER NAME = mthomas
 PLOT SCALE = 1"=10'
 PLOT DATE = 10/24/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

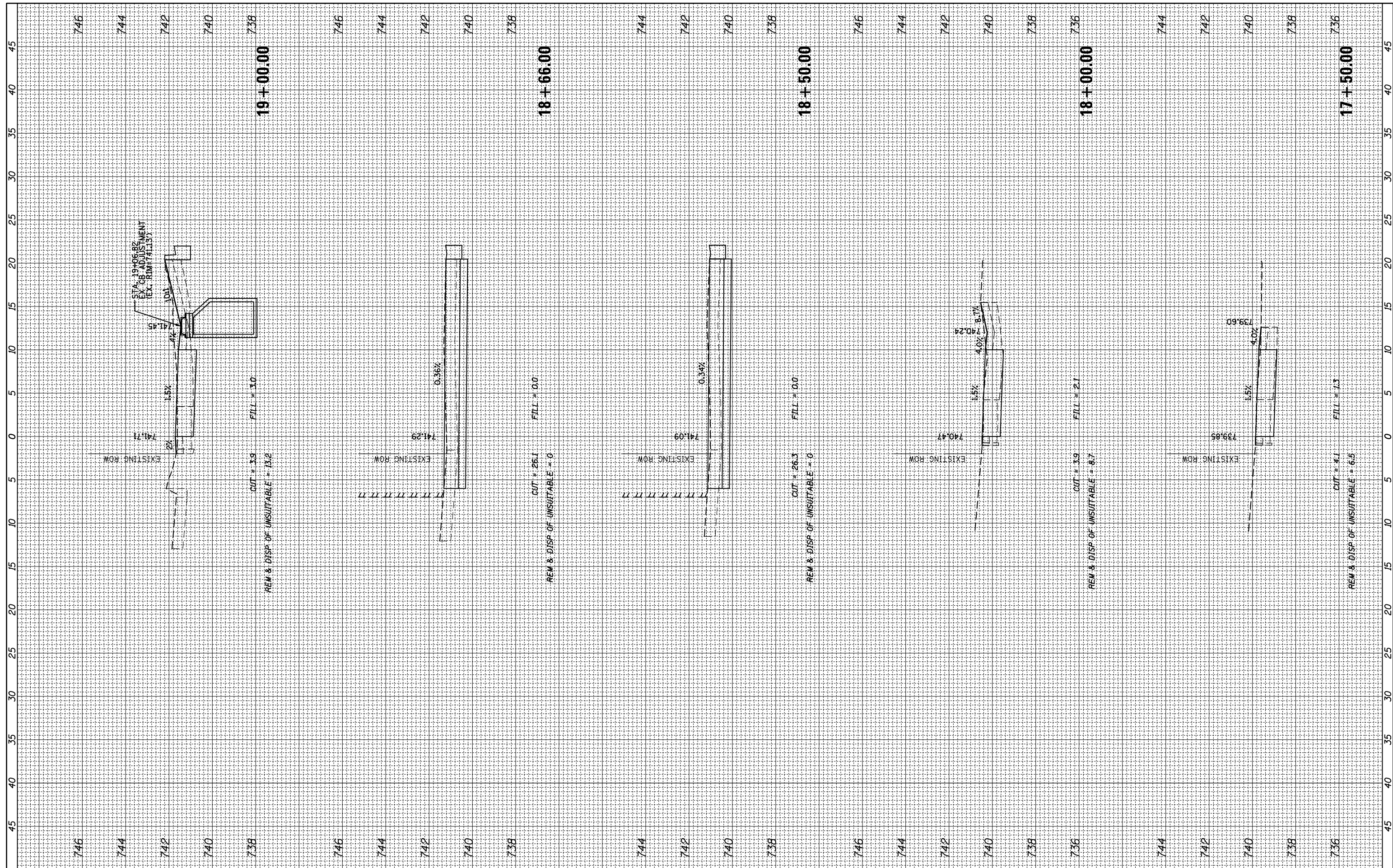
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 15+50.00 TO STA. 17+19.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	56
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
 N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR25\Civil\XS.EUC_98361BR245_01.sht
 PLOT SCALE = 10'
 PLOT DATE = 10/24/2024

USER NAME = mthomas
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

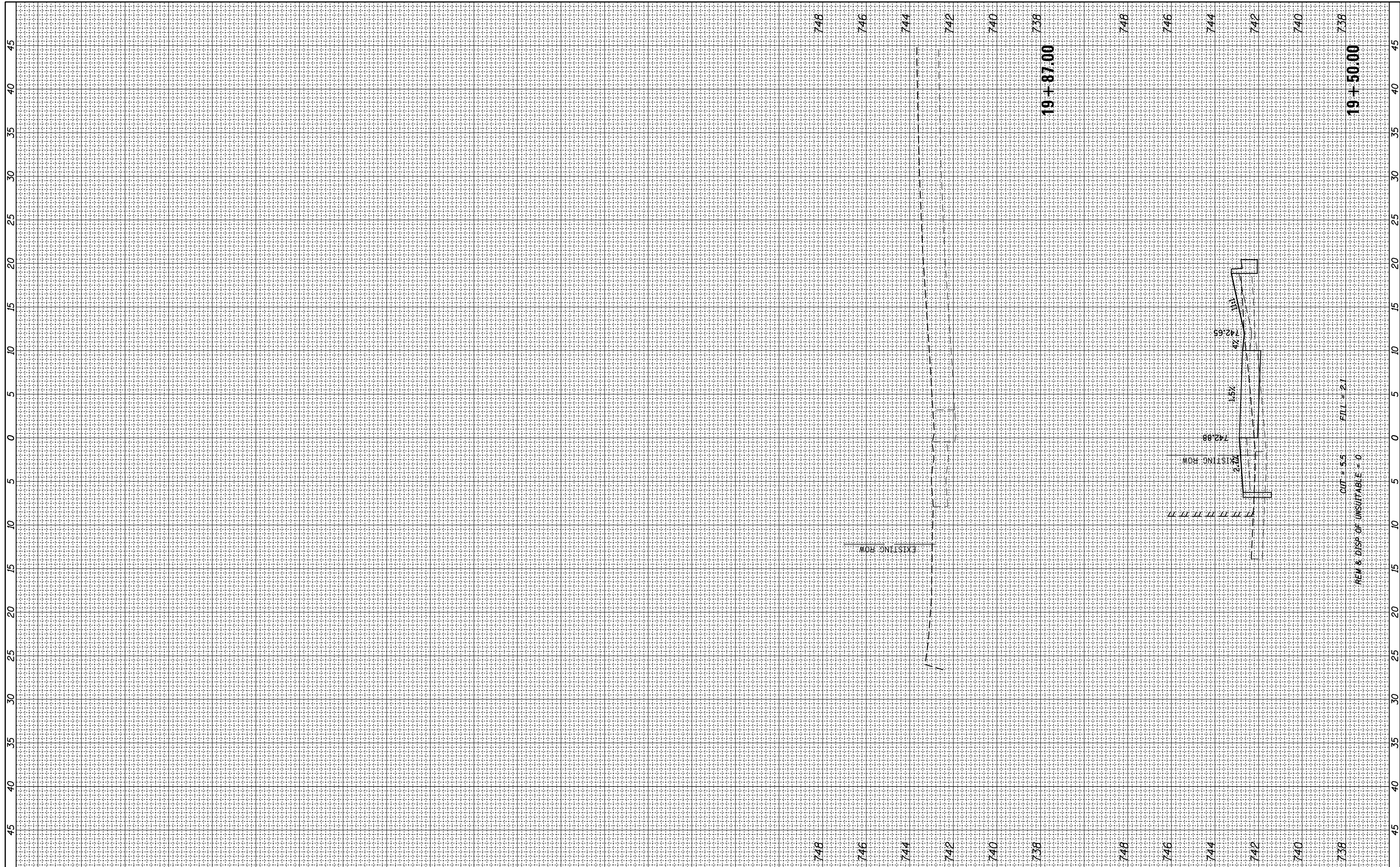
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 17+50.00 TO STA. 19+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	57
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME =
 N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR25\Civil\XS.EUC_98361BR245_01.shd

USER NAME = mthomas
 PLOT SCALE = 10'
 PLOT DATE = 10/24/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HICKS ROAD BIKE PATH

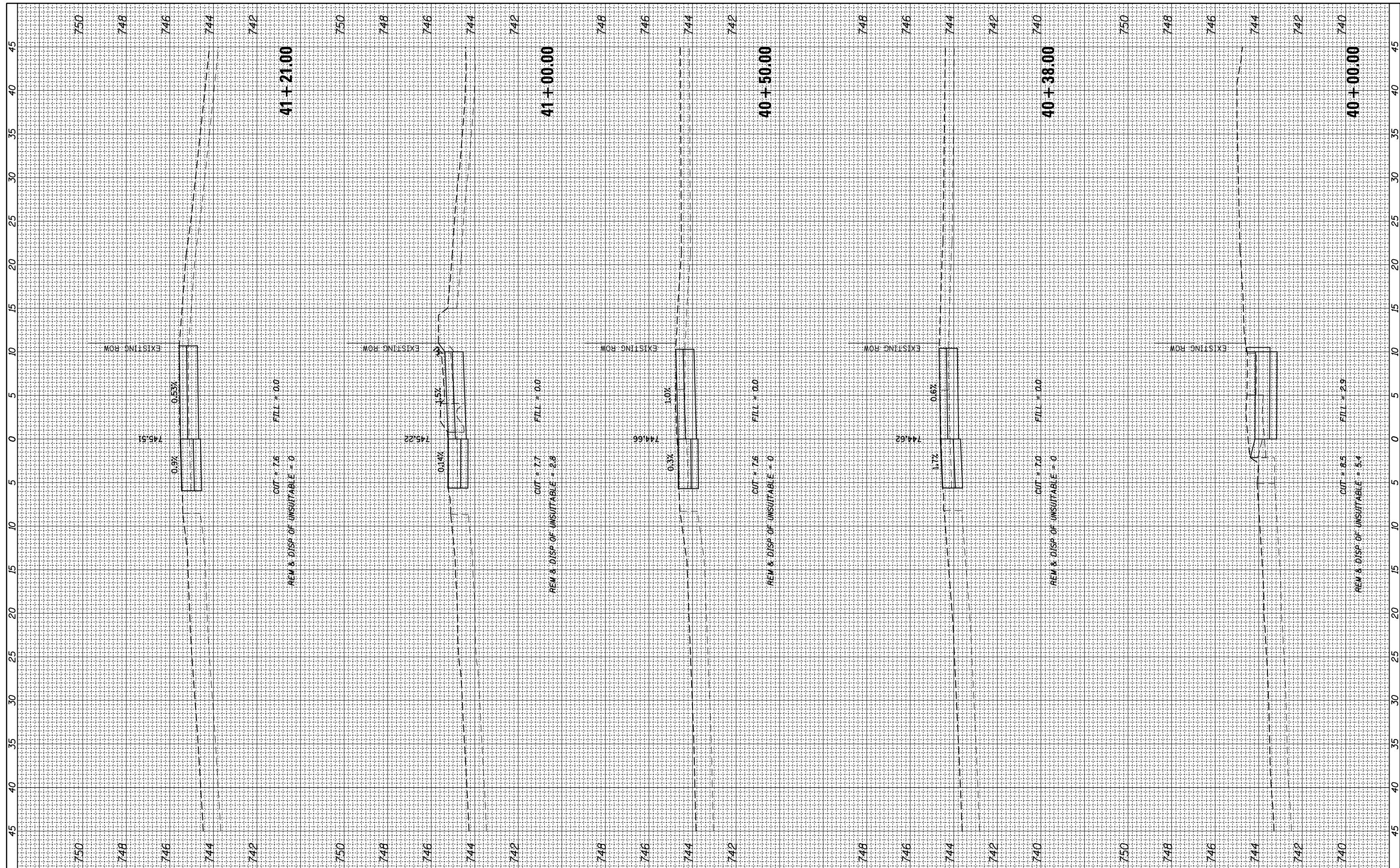
SCALE: SHEET OF SHEETS STA. 19+50.00 TO STA. 19+87.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	58
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

REM & DISP OF UNSUITABLE = 0
 CUT = 5.5
 FILL = 2.1

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

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



FILE NAME = N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR25\Civil\XS_HICKS_98361BR245.01.aht
 PLOT SCALE = 1" = 10'
 PLOT DATE = 10/24/2024

USER NAME = mthomas
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

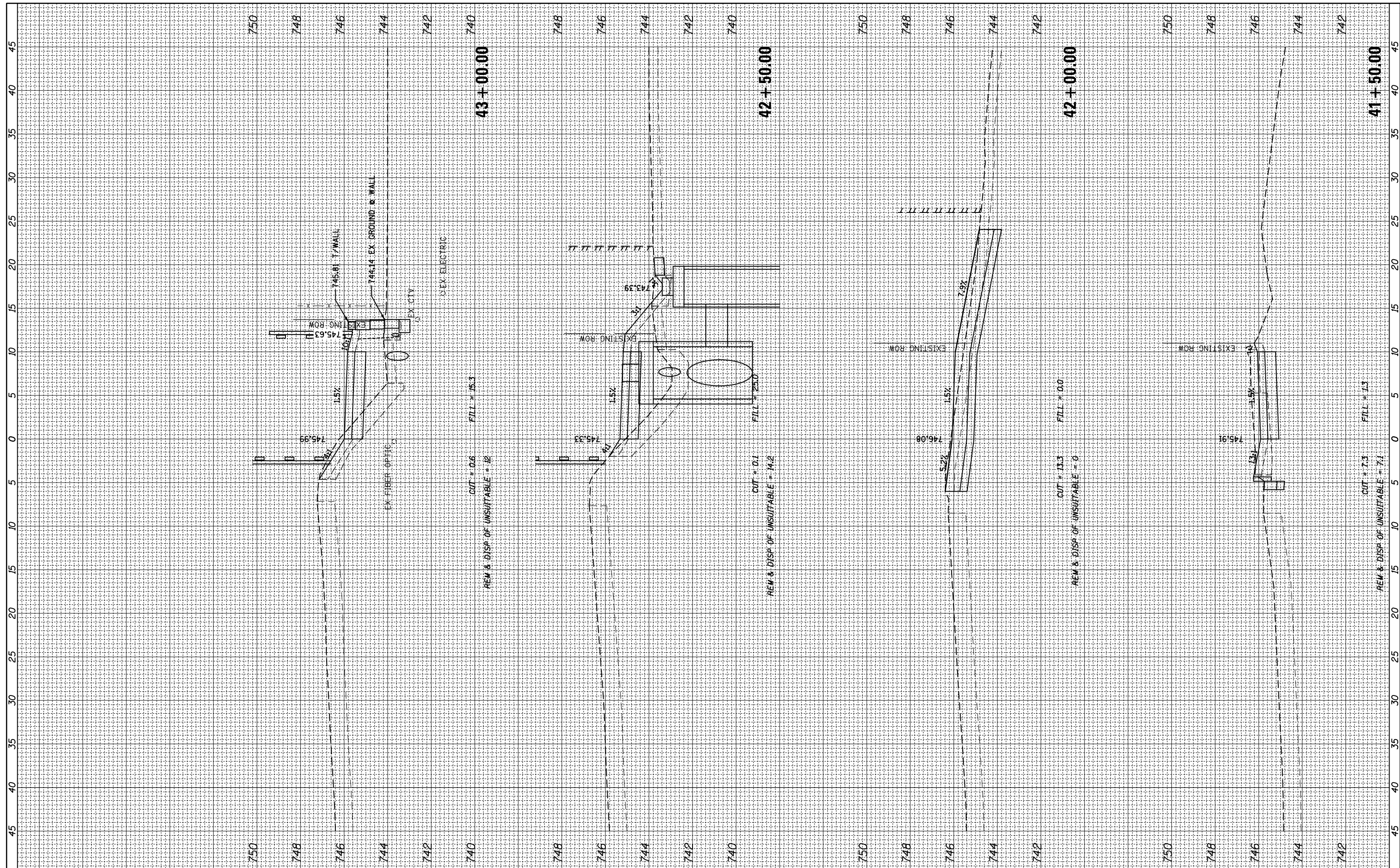
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 40+00.00 TO STA. 41+21.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	59
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

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

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



CUT = 0.6 FILL = 15.3
 REM & DISP OF UNSUITABLE = 12

CUT = 0.1 FILL = 25.0
 REM & DISP OF UNSUITABLE = 14.2

CUT = 13.3 FILL = 0.0
 REM & DISP OF UNSUITABLE = 0

CUT = 7.3 FILL = 1.3
 REM & DISP OF UNSUITABLE = 7.1

FILE NAME =
 N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR245\Civil\XS_HICKS_98361BR245_01.aht

USER NAME = mthomas
 PLOT SCALE = 1"=10'
 PLOT DATE = 10/24/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

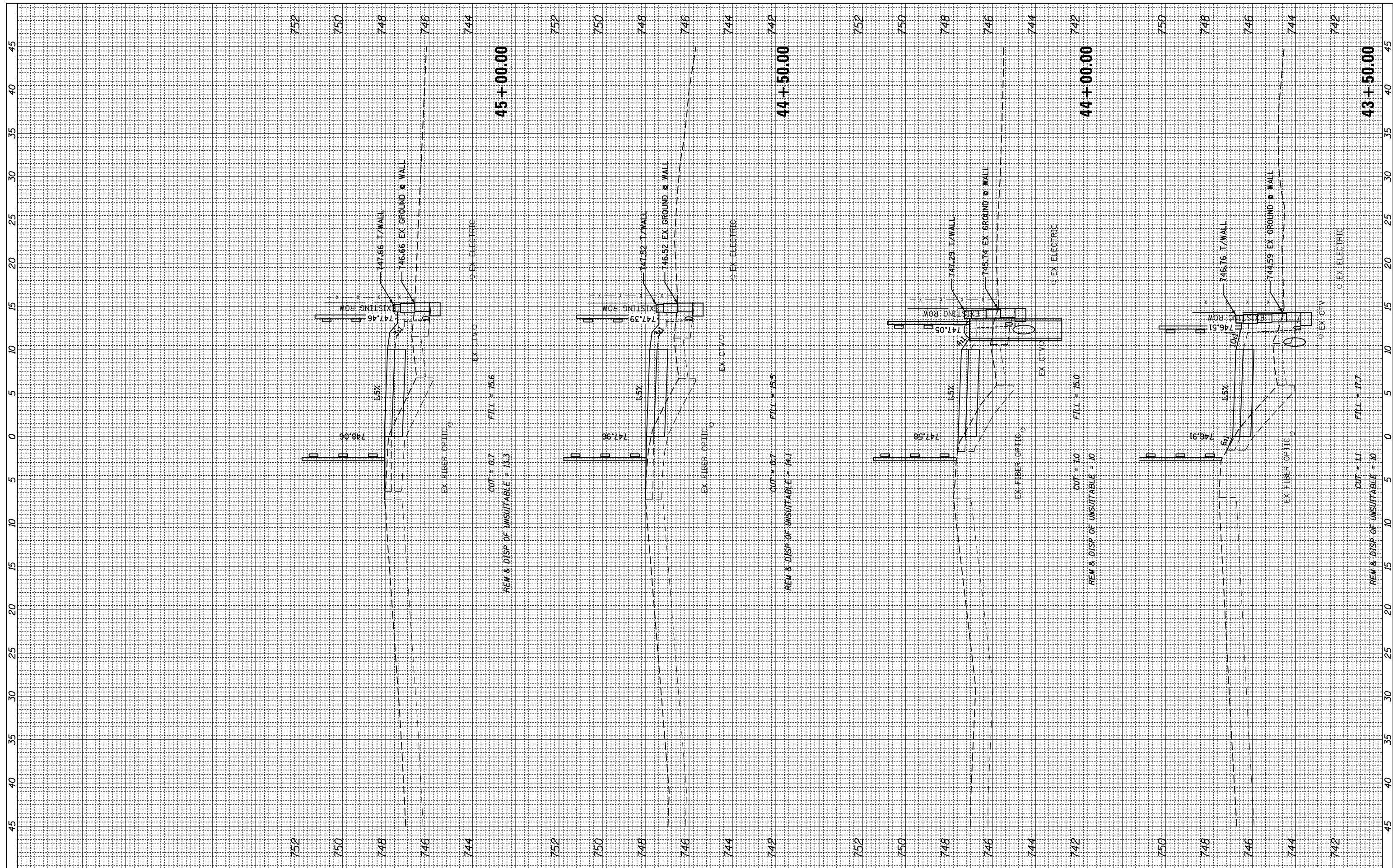
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 41+50.00 TO STA. 43+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	60
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = N:\ROLLINGMEADOWS\980361.BR\980361.BR200\98361BR245\5\Civil\XS_HICKS_98361BR245.01.aht
 USER NAME = mthomas
 PLOT SCALE = 1" = 10'
 PLOT DATE = 10/24/2024

DESIGNED -	REVISOR -
DRAWN -	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

REVISIONS	NO.	DATE	DESCRIPTION

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

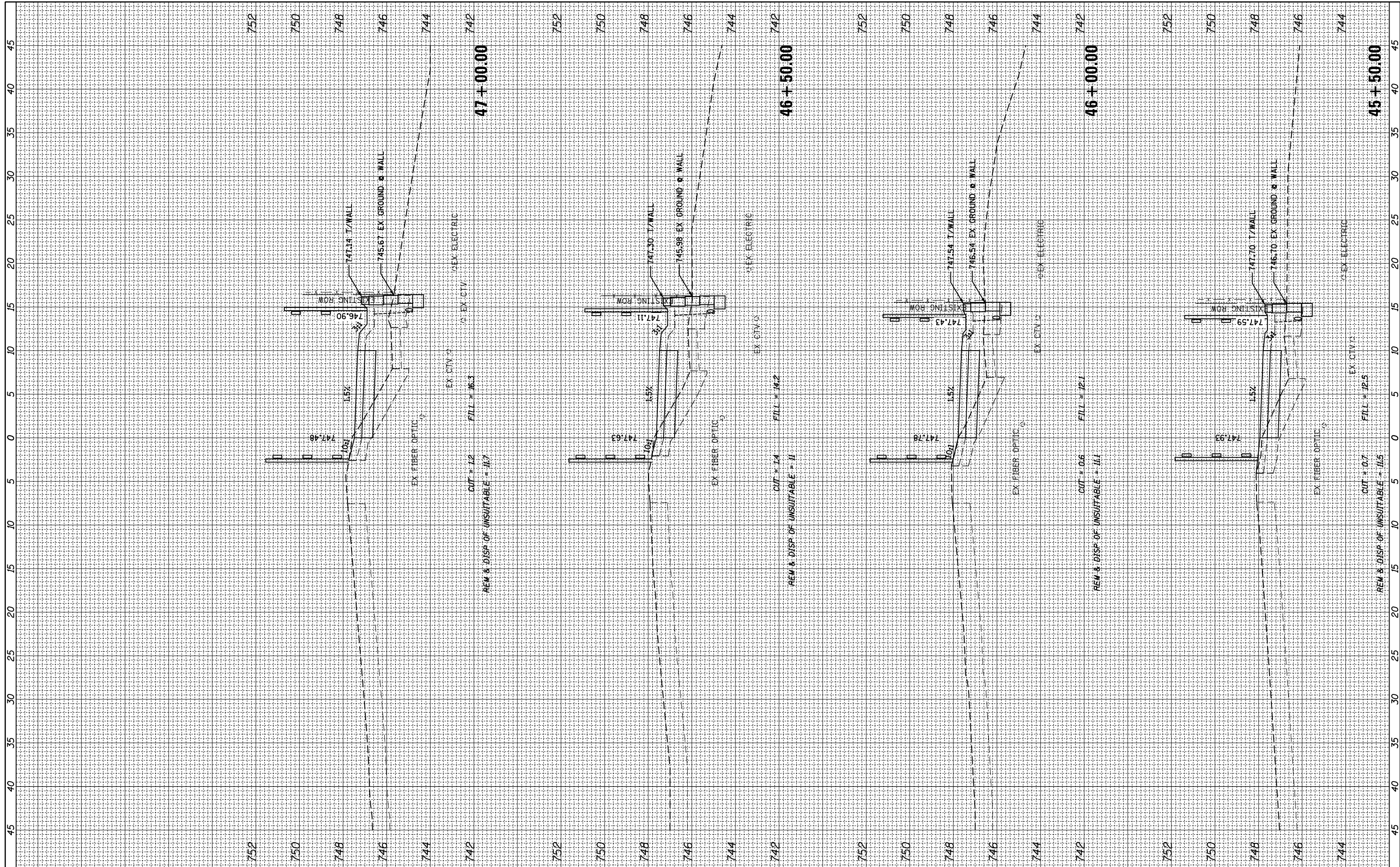
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 43+50.00 TO STA. 45+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	61
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
 N:\ROLLINGMEADOWS\980361.BR\980361.BR200\98361BR245\98361BR245.XS_HICKS_98361BR245.01.aht
 PLOT SCALE = 1"=10'
 PLOT DATE = 10/24/2024

USER NAME = mthomas
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

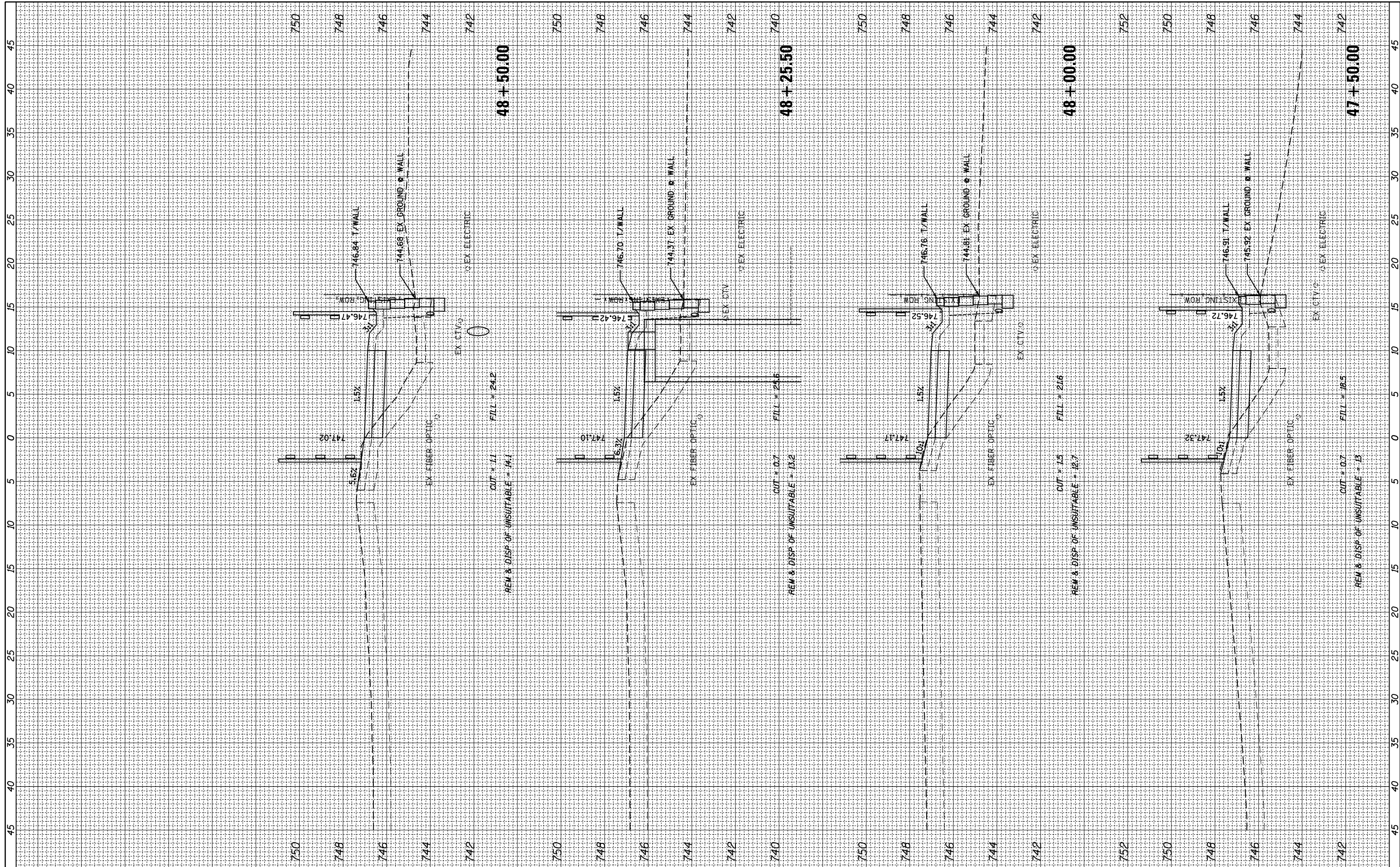
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 45+50.00 TO STA. 47+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	62
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

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

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



FILE NAME = N:\ROLLINGMEADOWS\980361.BR\980361BR245\980361BR245.XS
 USER NAME = mthomas
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 1"=10'
 PLOT DATE = 10/24/2024

REVISIONS:
 REVISED -
 REVISED -
 REVISED -
 REVISED -

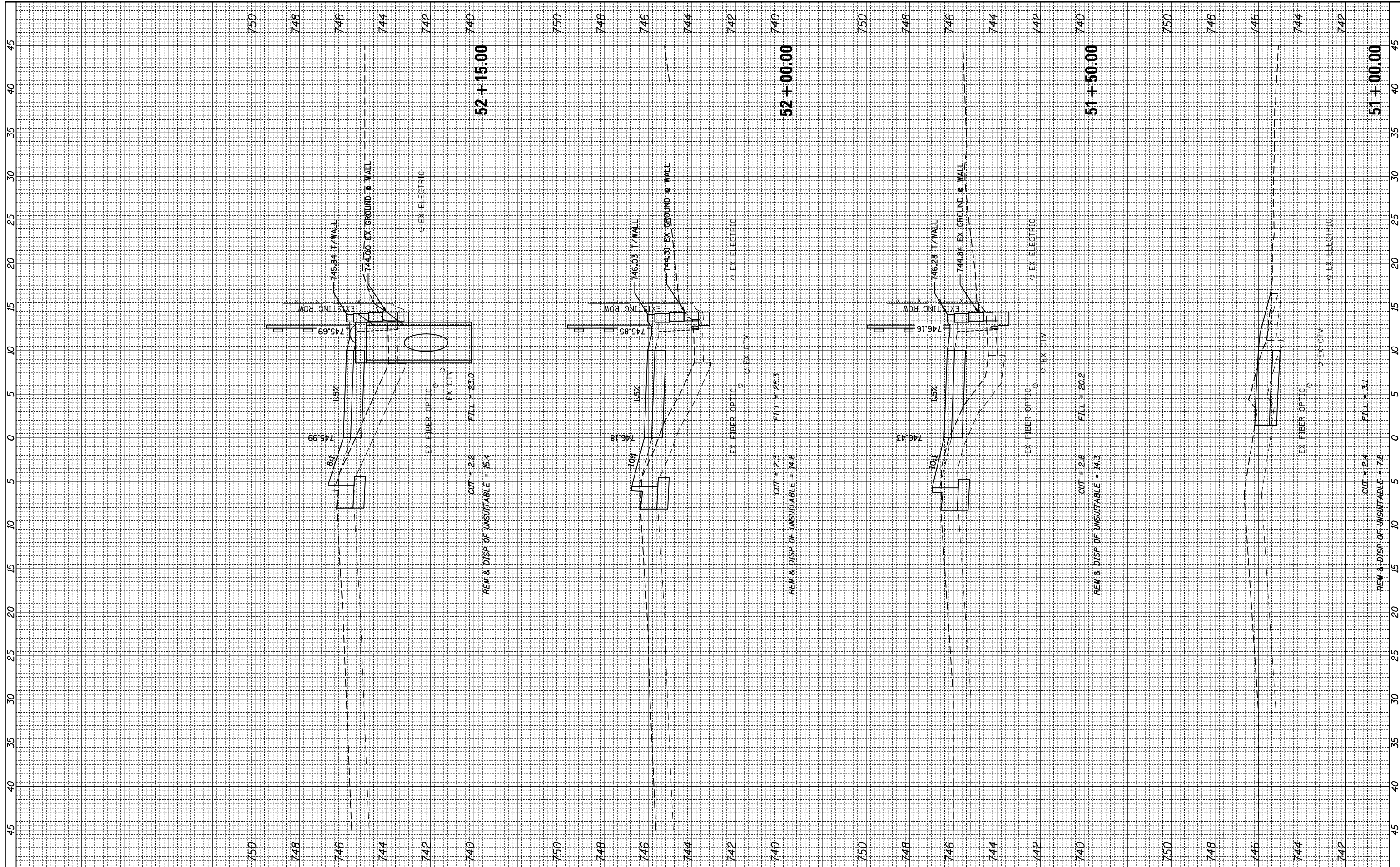
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HICKS ROAD BIKE PATH
 SCALE: SHEET OF SHEETS STA. 47+50.00 TO STA. 48+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	63
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR245\Civil\XS_HICKS_98361BR245_01.aht
 USER NAME = mthomas
 PLOT SCALE = 1"=10'
 PLOT DATE = 10/24/2024

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

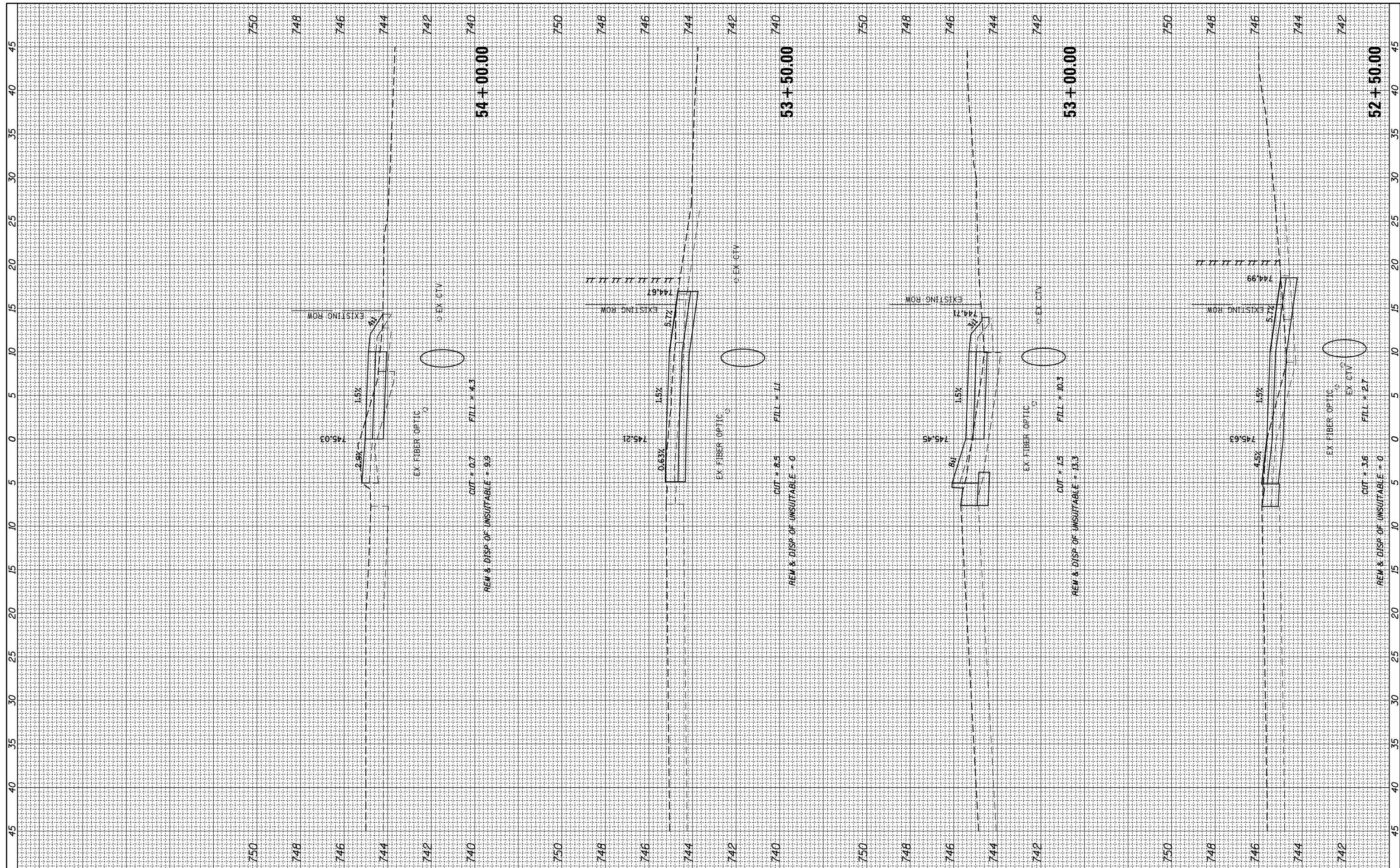
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 51+00.00 TO STA. 52+15.00

F.A. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	65
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =
 N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR245\Civil\XS_HICKS_98361BR245_01.aht

USER NAME = mthomas
 PLOT SCALE = 1"=10'
 PLOT DATE = 10/24/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

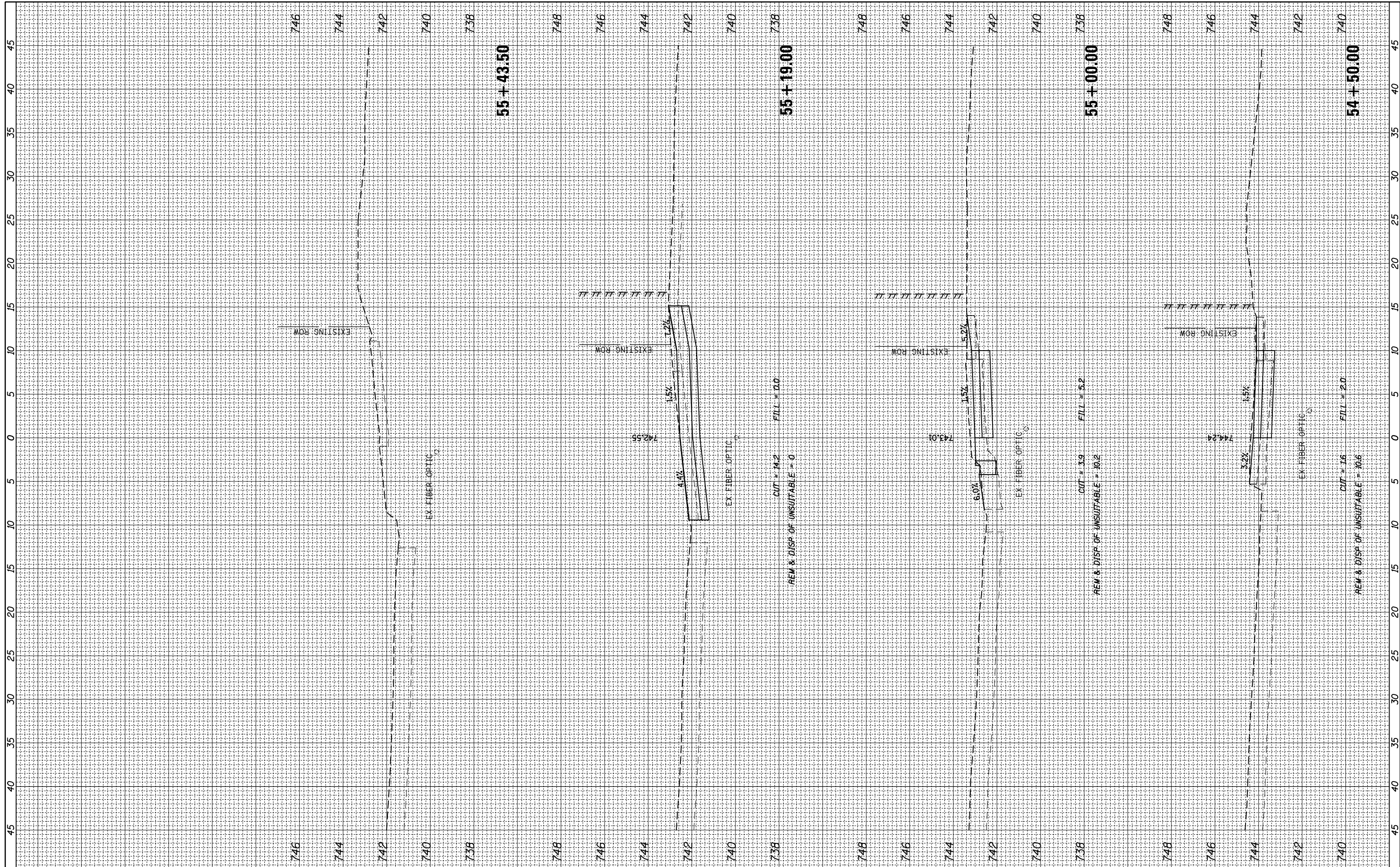
HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 52+50.00 TO STA. 54+00.00

F.A. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	66
CONTRACT NO. 61J63			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =
 N:\ROLLINGMEADOWS\980361.BR\BR200\98361BR25\Civil\XS_HICKS_98361BR245_01.aht

USER NAME = mthomas
 PLOT SCALE = 10'
 PLOT DATE = 10/24/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HICKS ROAD BIKE PATH

SCALE: SHEET OF SHEETS STA. 54+50.00 TO STA. 55+43.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	19-00123-00-BT	COOK	67	67
CONTRACT NO. 61J63				
ILLINOIS FED. AID PROJECT				