

09-20-2019 LETTING ITEM 009

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED FEDERAL AID PROJECT

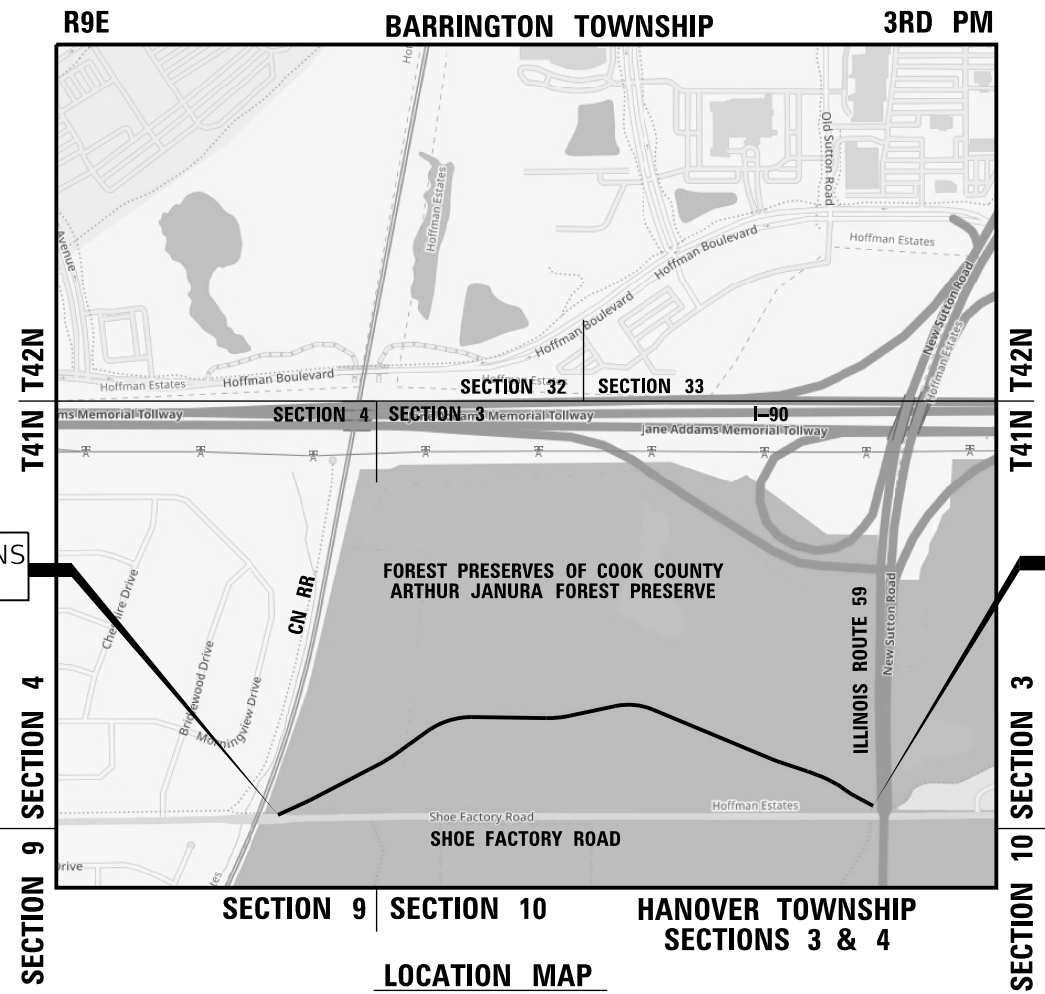
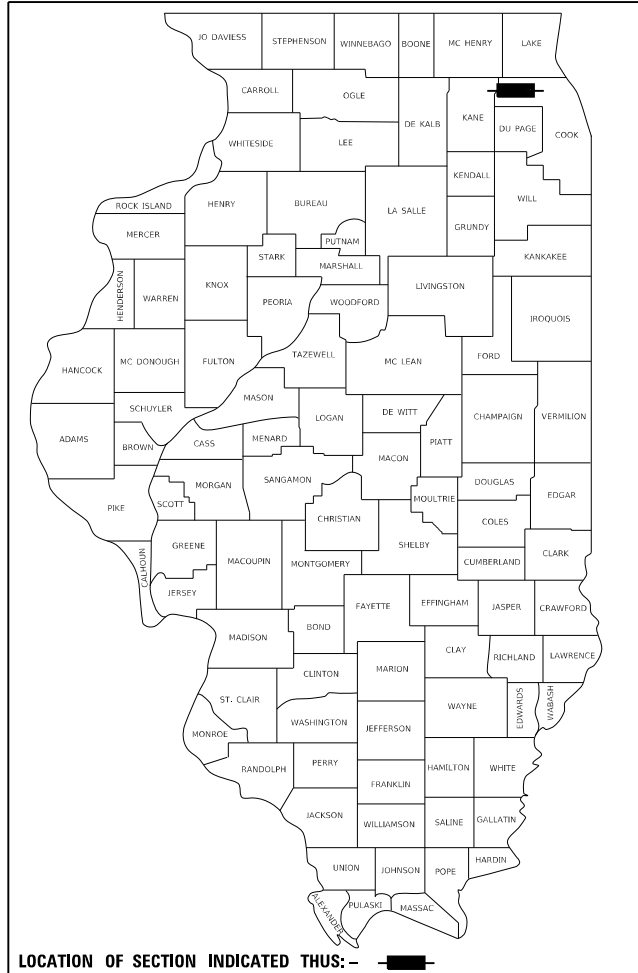
POPLAR CREEK TRAIL / SHOE FACTORY ROAD BIKE PATH  
 CN RAILROAD TO ILLINOIS ROUTE 59

SECTION 13-00091-00-BT  
 PROJECT 9SF0(313)  
 VILLAGE OF HOFFMAN ESTATES  
 COOK COUNTY  
 JOB NO. C-91-287-13

|                    |        |              |           |
|--------------------|--------|--------------|-----------|
| CONTRACT NO. 61F96 |        | TOTAL SHEETS | SHEET NO. |
| SECTION            | COUNTY | 23           | 1         |
| 13-00091-00-BT     | COOK   |              |           |

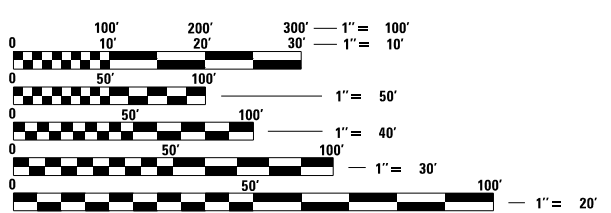
FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION = OFF SYSTEM BIKE PATH  
 ON STREET TRAFFIC (SHOE FACTORY ROAD) = 11,700 ADT 20 17  
 ON STREET SPEED LIMIT (SHOE FACTORY ROAD) = 40 MPH  
 SHOE FACTORY ROAD DESIGNATION = MINOR ARTERIAL



IMPROVEMENT BEGINS  
STA 146+72.14

IMPROVEMENT ENDS  
STA 180+00.00



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

LOCATION MAP  
 NOT TO SCALE  
 GROSS LENGTH = 3,327.86 FT. = 0.63 MILE  
 NET LENGTH = 3,327.86 FT. = 0.63 MILE



SIGNED: JUNE 14, 2019  
 [Signature]

DAVID W. BLOCK, P.E.  
 NO. 062-050966  
 EXP. DATE 11/30/19

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

APPROVED ON: 6/14/19, 2019  
 [Signature: Chris Slattery]  
 FOREST PRESERVES OF COOK COUNTY  
 CHRIS SLATTERY  
 DIRECTOR OF PLANNING AND DEVELOPMENT

APPROVED ON: JUNE 12, 2019  
 [Signature: Michael Hankey]  
 VILLAGE OF HOFFMAN ESTATES,  
 MICHAEL HANKEY  
 DIRECTOR OF TRANSPORTATION AND ENGINEERING

PASSED: 6/21/19, 2019  
 [Signature: Stephen M. Javala]  
 DISTRICT 2 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
 BASED ON LIMITED  
 REVIEW: June 24, 2019  
 [Signature: Anthony J. Dwyer]  
 REGISTERED PROFESSIONAL ENGINEER

PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS

1475 EAST WOODFIELD ROAD, SUITE 600  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 605-9600  
 FEDERAL AID PROGRAM ENGINEER: CARMEN E RAMOS, P.E., SCHAUMBURG, IL  
 Tran Systems

CONTRACT NO. 61F96

|           |                    |      |
|-----------|--------------------|------|
| PLAN      | SURVEYED           | DATE |
| NOTE BOOK | PLOTTED            | BY   |
| NO.       | GRADES CHECKED     |      |
|           | ALIGNMENT          |      |
|           | STRUCTURE          |      |
|           | NOT AT THIS OFFICE |      |

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

**GENERAL NOTES**

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, APRIL 1, 2016, AND ANY SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ISSUED THEREAFTER
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 AND THE VILLAGE OF HOFFMAN ESTATES AT (847) 490-6800 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON VILLAGE OR FOREST PRESERVE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE BIKE PATH CENTERLINE.
- WHEN REMOVING PAVEMENT, CURB AND GUTTER, SHOULDER, AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS WHICH MIGHT DAMAGE THE UNDERGROUND PUBLIC OR PRIVATE UTILITIES WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.
- THE CONTRACTOR SHALL MINIMIZE THE IMPACT OF THE CONSTRUCTION ON THE FOREST PRESERVE. SPECIFICALLY, ANY CLEARING, GRUBBING, TREE REMOVAL, EXCAVATION, OR OTHER WORK THAT WOULD ALTER THE CHARACTER OF THE PRESERVE WILL NOT BE ALLOWED MORE THAN 20 FEET FROM THE PATH CENTERLINE WITHOUT THE ENGINEER'S PERMISSION. ANY CONSTRUCTION ENTRANCES OR OTHER ANCILLARY WORK NECESSARY TO PROSECUTE THE CONSTRUCTION WILL BE REMOVED AT THE END OF THE PROJECT AND THE GROUND RESTORED TO THE ORIGINAL STATE. SIMILARLY, THE ENGINEER MAY REQUIRE THAT EXCESSIVE RUTTING OR OTHER DAMAGES BE REPAIRED.
- AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS 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 ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE 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.

UTILITIES NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING UNDERGROUND DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ALL UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER IN ACCORDANCE WITH ARTICLES 105.07 AND 107.20.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.

EROSION CONTROL NOTES

- THE ENGINEER SHALL CONDUCT A FIELD REVIEW FOR EROSION AND SEDIMENT CONTROL WITH THE PRIME AND SUBCONTRACTORS PRIOR TO ANY EARTHWORK OPERATIONS TO DETERMINE TIMING ADVANCEMENT OF CONTROL MEASURES.
- THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER STRIPPING OF EXISTING VEGETATION.
- NO CONCENTRATED RUNOFF FLOW FROM STRIPPED AREAS SHALL LEAVE THE SITE WITHOUT BEING TREATED. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT EROSION CONTROL MEASURES ACCORDINGLY.
- EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AND ENGINEER AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2" OF PRECIPITATION OR EQUIVALENT SNOWFALL.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 06-60.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL, BUT NO MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED IN AN AREA WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.
- THE CONTRACTOR SHALL APPLY TEMPORARY EROSION CONTROL SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN THE CONTRACT LIMITS EACH WEEK, REGARDLESS OF WEATHER CONDITIONS OR PROGRESS OF THE WORK, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ERODIBLE EMBANKMENT AND EXCAVATION AREAS WHERE WORK IS IN PROGRESS SHALL BE INCLUDED ON THE AREAS TO BE SEEDDED.

**INDEX OF SHEETS**

|         |  |
|---------|--|
| 1       | TITLE SHEET  |
| 2       | INDEX OF SHEETS, GENERAL NOTES AND STATE STANDARDS |
| 3       | SUMMARY OF QUANTITIES                              |
| 4       | TYPICAL SECTIONS AND EARTHWORK TABLE               |
| 5       | ALIGNMENT, TIES AND BENCHMARKS                     |
| 6 - 8   | PLAN AND PROFILE                                   |
| 9       | TRAIL DETAILS                                      |
| 10      | EROSION AND SEDIMENT CONTROL                       |
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| 14      | DISTRICT DETAILS                                   |
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**STATE STANDARDS**

| <u>STD. NO.</u> | <u>DESCRIPTION</u>  |
|-----------------|---|
| 000001-07       | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                    |
| 280001-07       | TEMPORARY EROSION CONTROL SYSTEMS                               |
| 701001-02       | OFF-ROAD OPERATIONS, 2LANE, 2WAY, MORE THAN 15' AWAY            |
| 701006-05       | OFF-ROAD OPERATIONS, 2LANE, 2WAY, 15' TO 24" FROM PAVEMENT EDGE |
| 701701-10       | URBAN LANE CLOSURE, MULTILANE INTERSECTION                      |
| 701801-06       | SIDEWALK, CORNER OR CROSSWALK CLOSURE                           |
| 701901-08       | TRAFFIC CONTROL DEVICES   |

**DISTRICT DETAILS**

| <u>DETAIL</u> | <u>DESCRIPTION</u>             |
|---------------|--------------------------------|
| TC-22         | ARTERIAL ROAD INFORMATION SIGN |



gh:\ch13\06056-v-road\Shereis\1306056-SHT-GENNOTES.dgn

|                                     |                 |           |
|-------------------------------------|-----------------|-----------|
| USER NAME = bjholman                | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-GENNOTES.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 2.0000' / in.          | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/9/2019                | DATE - 7/9/2019 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
INDEX OF SHEETS, GENERAL NOTES, AND STATE STANDARDS**

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

|                           |        |                    |           |
|---------------------------|--------|--------------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23                 | 2         |
|                           |        | CONTRACT NO. 61F96 |           |
| ILLINOIS FED. AID PROJECT |        |                    |           |

|      |          |      |
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| PLAN | SURVEYED | DATE |
| NO.  | BY       |      |
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| PROF. FILE | SURVEYED | DATE |
| NO.        | BY       |      |
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|            |          |      |
|            |          |      |

| SUMMARY OF QUANTITIES |                |   |       |                | 0028<br>TRAIL<br>80% ITEP<br>20% LA |
|-----------------------|----------------|---|-------|----------------|-------------------------------------|
| SP                    | CODE<br>NUMBER | ITEMS                                       | UNIT  | TOTAL QUANTITY |                                     |
|                       | 20101000       | TEMPORARY FENCE                             | FOOT  | 200            | 200                                 |
| *                     | 20101200       | TREE ROOT PRUNING                           | EACH  | 5              | 5                                   |
| *                     | 20101300       | TREE PRUNING (1 TO 10 INCH DIAMETER)        | EACH  | 3              | 3                                   |
| *                     | 20101350       | TREE PRUNING (OVER 10 INCH DIAMETER)        | EACH  | 2              | 2                                   |
|                       | 20200100       | EARTH EXCAVATION                            | CU YD | 277            | 277                                 |
|                       | 20201200       | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 509            | 509                                 |
|                       | 20400800       | FURNISHED EXCAVATION                        | CU YD | 294            | 294                                 |
|                       | 21101505       | TOPSOIL EXCAVATION AND PLACEMENT            | CU YD | 659            | 659                                 |
| *                     | 25000115       | SEEDING, CLASS 1B                           | ACRE  | 0.50           | 0.50                                |
| *                     | 25000210       | SEEDING, CLASS 2A                           | ACRE  | 0.02           | 0.02                                |
| *                     | 25000310       | SEEDING, CLASS 4                            | ACRE  | 2.25           | 2.25                                |
| *                     | 25000400       | NITROGEN FERTILIZER NUTRIENT                | POUND | 46             | 46                                  |
| *                     | 25000600       | POTASSIUM FERTILIZER NUTRIENT               | POUND | 46             | 46                                  |
|                       | 28000250       | TEMPORARY EROSION CONTROL SEEDING           | POUND | 311            | 311                                 |
|                       | 28000305       | TEMPORARY DITCH CHECKS                      | FOOT  | 30             | 30                                  |
|                       | 28000400       | PERIMETER EROSION BARRIER                   | FOOT  | 8,232          | 8,232                               |
|                       | 28001100       | TEMPORARY EROSION CONTROL BLANKET           | SQ YD | 13,409         | 13,409                              |
| SP                    | 30300001       | AGGREGATE SUBGRADE IMPROVEMENT              | CU YD | 62             | 62                                  |
|                       | 35102100       | AGGREGATE BASE COURSE, TYPE B 9"            | SQ YD | 3,698          | 3,698                               |

| SUMMARY OF QUANTITIES |                |   |       |                | 0028<br>TRAIL<br>80% ITEP<br>20% LA |
|-----------------------|----------------|---|-------|----------------|-------------------------------------|
| SP                    | CODE<br>NUMBER | ITEMS   | UNIT  | TOTAL QUANTITY |                                     |
|                       | 40600275       | BITUMINOUS MATERIALS (PRIME COAT)               | POUND | 8,321          | 8,321                               |
|                       | 40603335       | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50    | TON   | 622            | 622                                 |
|                       | 67100100       | MOBILIZATION                                    | LSUM  | 1              | 1                                   |
|                       | 70102635       | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | LSUM  | 1              | 1                                   |
|                       | 70102640       | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | LSUM  | 1              | 1                                   |
| *                     | 78001100       | PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS    | SQ FT | 42             | 42                                  |
| *                     | 78001110       | PAINT PAVEMENT MARKING - LINE 4"                | FOOT  | 3,323          | 3,323                               |
| SP                    | X0321322       | DROP GATE                                       | EACH  | 2              | 2                                   |
| SP *                  | X0324097       | COARSE SAND PLACEMENT, 2"                       | SQ YD | 827            | 827                                 |
| SP                    | X0350810       | BOLLARD REMOVAL                                 | EACH  | 1              | 1                                   |
| SP *                  | X2501820       | SEEDING, CLASS 5 (MODIFIED)                     | ACRE  | 0.25           | 0.25                                |
| SP *                  | X2502014       | SEEDING, CLASS 4A (MODIFIED)                    | ACRE  | 0.25           | 0.25                                |
| SP *                  | X2511630       | EROSION CONTROL BLANKET (SPECIAL)               | SQ YD | 13,660         | 13,660                              |
| SP                    | Z0013797       | STABILIZED CONSTRUCTION ENTRANCE                | SQ YD | 155            | 155                                 |
| SP                    | Z0013798       | CONSTRUCTION LAYOUT                             | LSUM  | 1              | 1                                   |
| SP                    | Z0030850       | TEMPORARY INFORMATION SIGNING                   | SQ FT | 52             | 52                                  |

\* = SPECIALTY ITEMS  
SP = SPECIAL PROVISION



|                                 |                 |           |
|---------------------------------|-----------------|-----------|
| USER NAME = b.jholman           | DESIGNED - B.JH | REVISED - |
| FILE NAME = 130056-SHT-S001.dgn | DRAWN - B.JH    | REVISED - |
| PLOT SCALE = 2.0000 / in.       | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/9/2019            | DATE - 7/9/2019 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

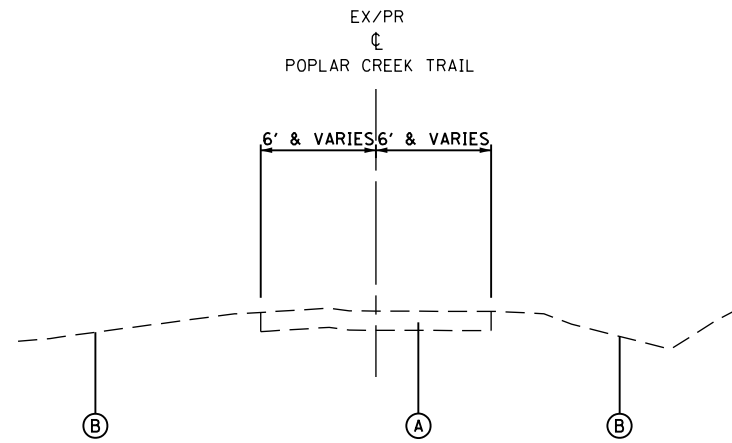
SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
SUMMARY OF QUANTITIES

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 3         |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

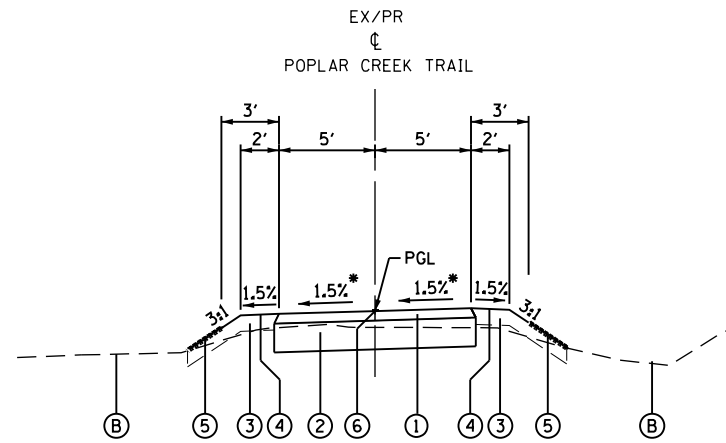
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

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| DATE      |  |
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| PLAN      |  |
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| DATE               |  |
| BY                 |  |
| PROFILE            |  |
| SURVEYED           |  |
| PLOTTED            |  |
| GRADES CHECKED     |  |
| STRUCTURE          |  |
| NOT AT THIS OFFICE |  |
| NO.                |  |



**EXISTING TYPICAL SECTION**  
STATION 146+72.14 TO STATION 180+00.00



**PROPOSED TYPICAL SECTION**  
STATION 146+72.14 TO STATION 180+00.00

\*SEE PLAN SHEET 9 FOR TRANSITION AT PROJECT LIMITS

**EXISTING TYPICAL LEGEND**

- (A) EXISTING TURF TRAIL
- (B) EXISTING GROUND (ASSUME EXISTING 6" TOPSOIL DEPTH)

**PROPOSED TYPICAL LEGEND**

- ① HMA SURFACE COURSE, MIX "D", N50, 3"
- ② AGGREGATE BASE COURSE, TYPE B, 9"
- ③ 6" TOPSOIL EXCAVATION AND PLACEMENT
- ④ SEEDING, CLASS 1B
- ⑤ SEEDING, CLASS 4 OR SEEDING, CLASS 4A AND CLASS 5 MIXTURE - USE IN WETLANDS & BUFFERS
- ⑥ PAINT PAVEMENT MARKING - LINE 4"

**MIXTURE REQUIREMENTS**

| MIXTURE TYPE                                     | AIR VOIDS (%) AT Ndes |
|--|-----------------------|
| <b>BIKE PATH CONSTRUCTION</b>                    |                       |
| HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 3" | 4% AT 50 GYRATIONS    |

- NOTES:**
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN.
  2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC-TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

**EARTHWORK SUMMARY OF QUANTITIES**

|          |   | TOTAL | UNITS |
|----------|---|-------|-------|
| 20200100 | EARTH EXCAVATION                            | 277   | CU YD |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | 509   | CU YD |
| 20400800 | FURNISHED EXCAVATION                        | 294   | CU YD |
| 21101505 | TOPSOIL EXCAVATION AND PLACEMENT            | 659   | CU YD |

**NOTE:**

EXISTING TOPSOIL SHALL BE STRIPPED TO A DEPTH OF 6" AND STOCKPILED AT THE LOCATION DESIGNATED ON THE PLANS. PART OF THIS STOCKPILE SHALL BE USED TO PLACE 6" OF TOPSOIL AFTER TRAIL CONSTRUCTION. THE REMAINDER OF THE STOCKPILE SHALL BE DISPOSED OF OFFSITE AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

|   |              |
|---|--------------|
| TOPSOIL STRIPPING                           | 1,106 CU YDS |
| TOPSOIL EXCAVATION AND PLACEMENT            | 659 CU YDS   |
| REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | 447 CU YDS   |

**NOTE:**

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS 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 ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE 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.

**EARTHWORK TABLE**

| LOCATION:                                  | TOPSOIL EXCAVATION AND PLACEMENT (CU YD) 21101505 | EARTH EXCAVATION (CU YD) 20200100 | EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CU YD) | EMBANKMENT (CU YD) | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD) | REM AND DISP OF UNSUITABLE MATERIAL (20201200) |
|--|---|-----------------------------------|---|--------------------|---|--|
| POPLAR CREEK TRAIL                         | 659   | 277                               | 235   | 529                | -294  |  |
| UNDERCUTTING FOR AGG. SUBGRADE IMPROVEMENT |   |                                   |   |                    |   | 62   |
| REMOVAL OF UNUSED TOPSOIL                  |   |                                   |   |                    |   | 447  |
| <b>TOTAL</b>                               | <b>659</b>  | <b>277</b>                        | <b>235</b>  | <b>529</b>         | <b>-294</b>   | <b>509</b>                                     |

|                                 |                 |           |
|---------------------------------|-----------------|-----------|
| USER NAME = bjholman            | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-TYP1.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 10.0000' / in.     | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/9/2019            | DATE - 7/9/2019 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
TYPICAL SECTIONS AND EARTHWORK TABLE**

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

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 4         |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



gh:\ch13\0091\road\Shrnts\130056-SHT-TYP1.dgn

|         |  |
|---------|--|
| DATE    |  |
| BY      |  |
| PLAN    |  |
| NO.     |  |
| DATE    |  |
| BY      |  |
| PROFILE |  |
| NO.     |  |
| DATE    |  |
| BY      |  |
| PLAN    |  |
| NO.     |  |

|         |  |
|---------|--|
| DATE    |  |
| BY      |  |
| PROFILE |  |
| NO.     |  |
| DATE    |  |
| BY      |  |
| PLAN    |  |
| NO.     |  |



PROP. CURVE POPLAR-31  
 PI STA. = 144+13.63  
 $\Delta = 19^\circ 13' 28''$  (LT)  
 D = 57' 17" 45"  
 R = 100.00'  
 T = 16.94'  
 L = 33.55'  
 E = 1.42'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 143+96.69  
 P.T. STA. = 144+30.24

PROP. CURVE POPLAR-32  
 PI STA. = 146+29.42  
 $\Delta = 23^\circ 46' 19''$  (LT)  
 D = 57' 17" 45"  
 R = 100.00'  
 T = 21.05'  
 L = 41.49'  
 E = 2.19'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 146+08.37  
 P.T. STA. = 146+49.86

PROP. CURVE POPLAR-33  
 PI STA. = 148+20.05  
 $\Delta = 3^\circ 00' 23''$  (LT)  
 D = 11' 27' 33"  
 R = 500.00'  
 T = 13.12'  
 L = 26.23'  
 E = 0.17'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 148+06.93  
 P.T. STA. = 148+33.16

PROP. CURVE POPLAR-34  
 PI STA. = 152+91.53  
 $\Delta = 8^\circ 08' 20''$  (LT)  
 D = 9' 32' 57"  
 R = 600.00'  
 T = 42.69'  
 L = 85.23'  
 E = 1.52'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 152+48.84  
 P.T. STA. = 153+34.07

PROP. CURVE POPLAR-35  
 PI STA. = 156+73.73  
 $\Delta = 36^\circ 22' 18''$  (RT)  
 D = 14' 52' 55"  
 R = 385.00'  
 T = 126.48'  
 L = 244.40'  
 E = 20.24'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 155+47.25  
 P.T. STA. = 157+91.65

PROP. CURVE POPLAR-36  
 PI STA. = 162+41.45  
 $\Delta = 12^\circ 51' 20''$  (LT)  
 D = 10' 25' 03"  
 R = 550.00'  
 T = 61.96'  
 L = 123.41'  
 E = 3.48'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 161+79.48  
 P.T. STA. = 163+02.89

PROP. CURVE POPLAR-37  
 PI STA. = 166+48.09  
 $\Delta = 34^\circ 44' 26''$  (RT)  
 D = 17' 21' 44"  
 R = 330.00'  
 T = 103.23'  
 L = 200.09'  
 E = 15.77'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 165+44.86  
 P.T. STA. = 167+44.95

PROP. CURVE POPLAR-38  
 PI STA. = 174+37.62  
 $\Delta = 4^\circ 12' 55''$  (LT)  
 D = 7' 38' 22"  
 R = 750.00'  
 T = 27.60'  
 L = 55.18'  
 E = 0.51'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 174+10.02  
 P.T. STA. = 174+65.20

PROP. CURVE POPLAR-39  
 PI STA. = 176+12.64  
 $\Delta = 1^\circ 29' 55''$  (RT)  
 D = 25' 27' 53"  
 R = 225.00'  
 T = 2.94'  
 L = 5.88'  
 E = 0.02'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 176+09.70  
 P.T. STA. = 176+15.58

PROP. CURVE POPLAR-40  
 PI STA. = 177+08.65  
 $\Delta = 8^\circ 55' 08''$  (RT)  
 D = 11' 27' 33"  
 R = 500.00'  
 T = 38.99'  
 L = 77.83'  
 E = 1.52'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 176+69.65  
 P.T. STA. = 177+47.48

PROP. CURVE POPLAR-41  
 PI STA. = 177+92.84  
 $\Delta = 6^\circ 39' 28''$  (RT)  
 D = 25' 27' 53"  
 R = 225.00'  
 T = 13.09'  
 L = 26.14'  
 E = 0.38'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 177+79.75  
 P.T. STA. = 178+05.89

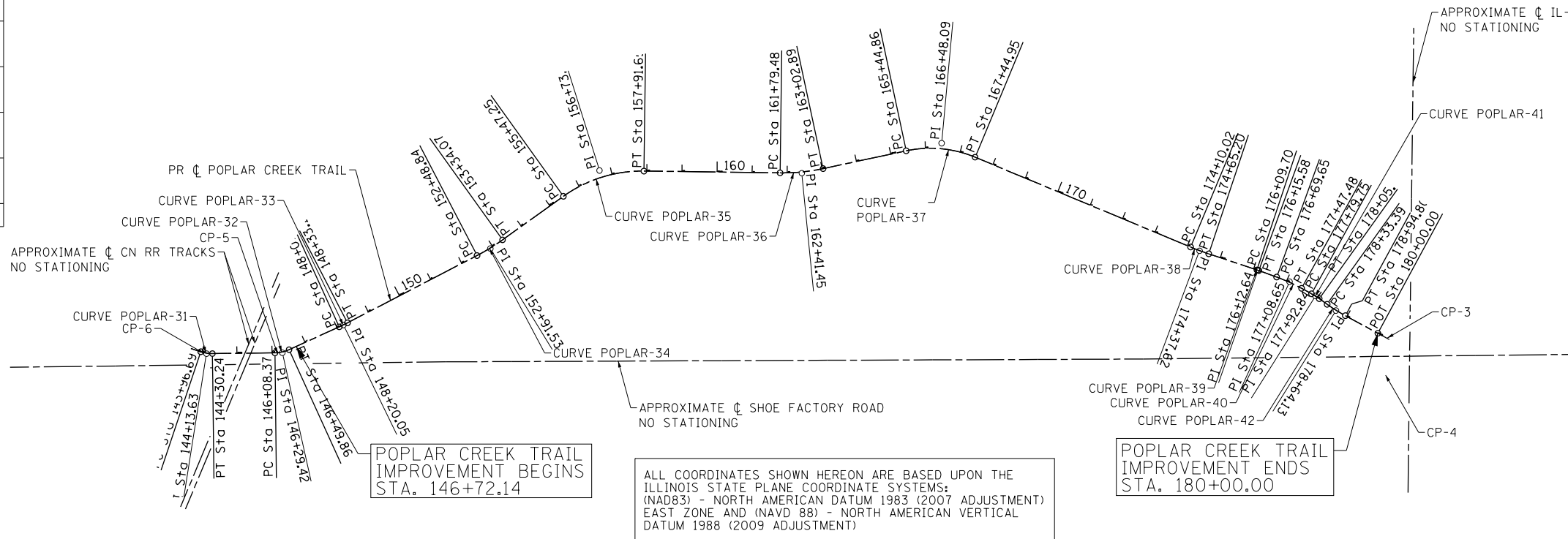
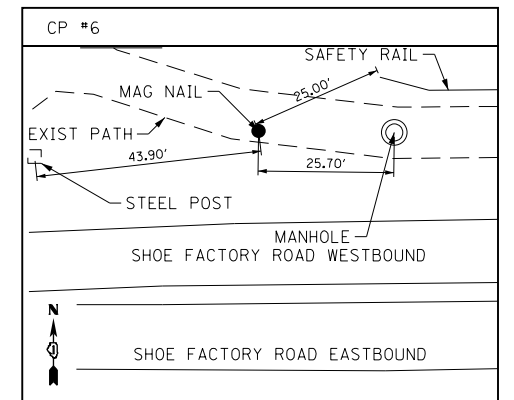
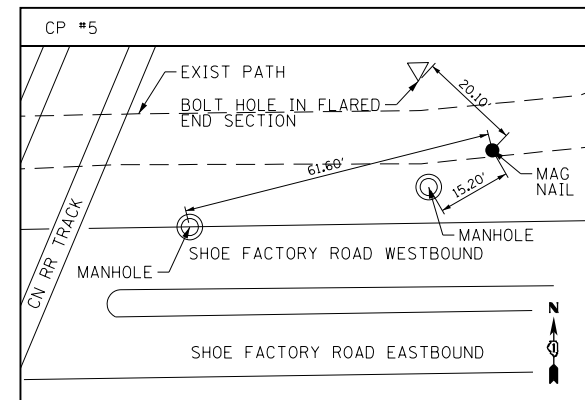
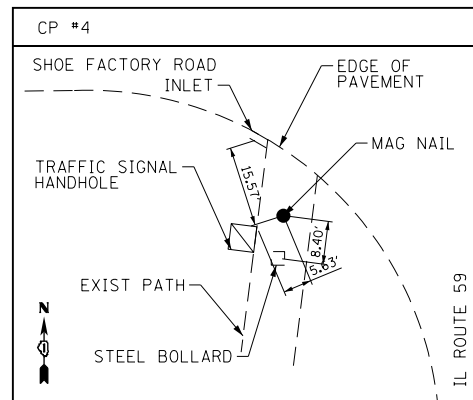
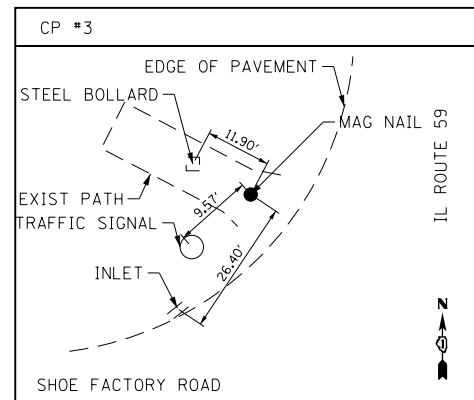
PROP. CURVE POPLAR-42  
 PI STA. = 178+64.13  
 $\Delta = 7^\circ 02' 16''$  (LT)  
 D = 11' 27' 33"  
 R = 500.00'  
 T = 30.75'  
 L = 61.42'  
 E = 0.94'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 178+33.39  
 P.T. STA. = 178+94.80

CONTROL POINT SUMMARY

| NAME  | NORTHING    | EASTING     | ELEVATION | DESCRIPTION   |
|-------|-------------|-------------|-----------|---|
| CP #3 | 1964841.103 | 1022159.255 | 854.828   | MAG NAIL IN NORTHWEST CORNER OF SHOE FACTORY ROAD AND ILLINOIS ROUTE 59                     |
| CP #4 | 1964734.877 | 1022154.273 | 854.775   | MAG NAIL IN SOUTHWEST CORNER OF SHOE FACTORY ROAD AND ILLINOIS ROUTE 59                     |
| CP #5 | 1964796.248 | 1018998.778 | 818.986   | MAG NAIL IN HMA PATH ON NORTH SIDE OF SHOE FACTORY ROAD APPROXIMATELY 75' EAST OF RR TRACKS |
| CP #6 | 1964797.195 | 1018789.241 | 816.775   | MAG NAIL IN HMA PATH ON NORTH SIDE OF SHOE FACTORY ROAD APPROXIMATELY 115 WEST OF RR TRACKS |

COORDINATE INFORMATION

| CURVE POINT | NORTHING     | EASTING      |
|-------------|--------------|--------------|
| 32          | 1,964,798.93 | 1,018,991.39 |
| 33          | 1,964,872.94 | 1,019,174.57 |
| 34          | 1,965,076.17 | 1,019,566.96 |
| 35          | 1,965,318.47 | 1,019,915.69 |
| 36          | 1,965,310.80 | 1,020,491.91 |
| 37          | 1,965,374.46 | 1,020,789.10 |
| 38          | 1,965,100.24 | 1,021,599.09 |
| 39          | 1,965,035.19 | 1,021,787.83 |
| 40          | 1,965,014.83 | 1,021,844.22 |
| 41          | 1,964,967.15 | 1,021,943.29 |
| 42          | 1,964,937.26 | 1,021,987.79 |
| TERMINUS    | 1,964,836.79 | 1,022,165.16 |



ALL COORDINATES SHOWN HEREON ARE BASED UPON THE ILLINOIS STATE PLANE COORDINATE SYSTEMS: (NAD83) - NORTH AMERICAN DATUM 1983 (2007 ADJUSTMENT) EAST ZONE AND (NAVD 88) - NORTH AMERICAN VERTICAL DATUM 1988 (2009 ADJUSTMENT)

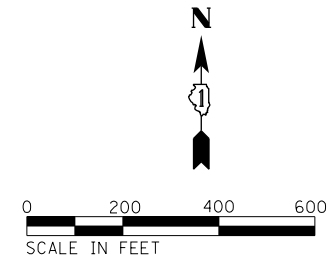
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|---------------------------------|-----------------|-----------|
| USER NAME = bjholman            | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-ATB1.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 400.0000' / in.    | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/9/2019            | DATE - 7/9/2019 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
 ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=200' SHEET 1 OF 1 SHEETS STA. TO STA.

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 5         |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

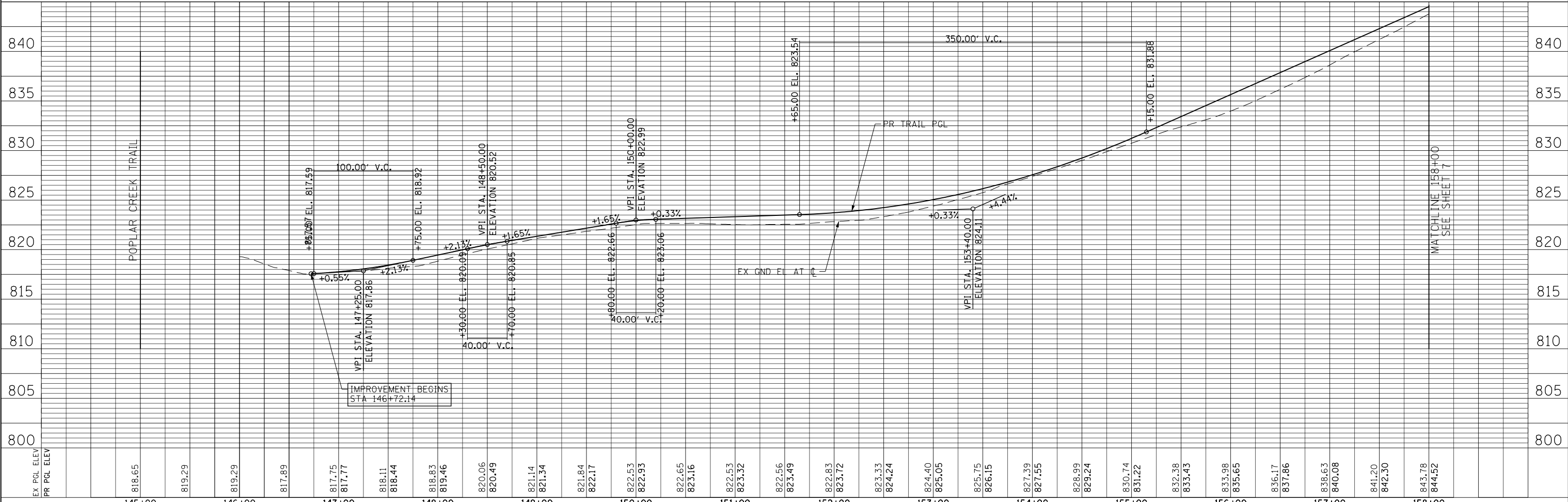
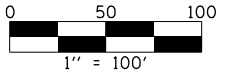
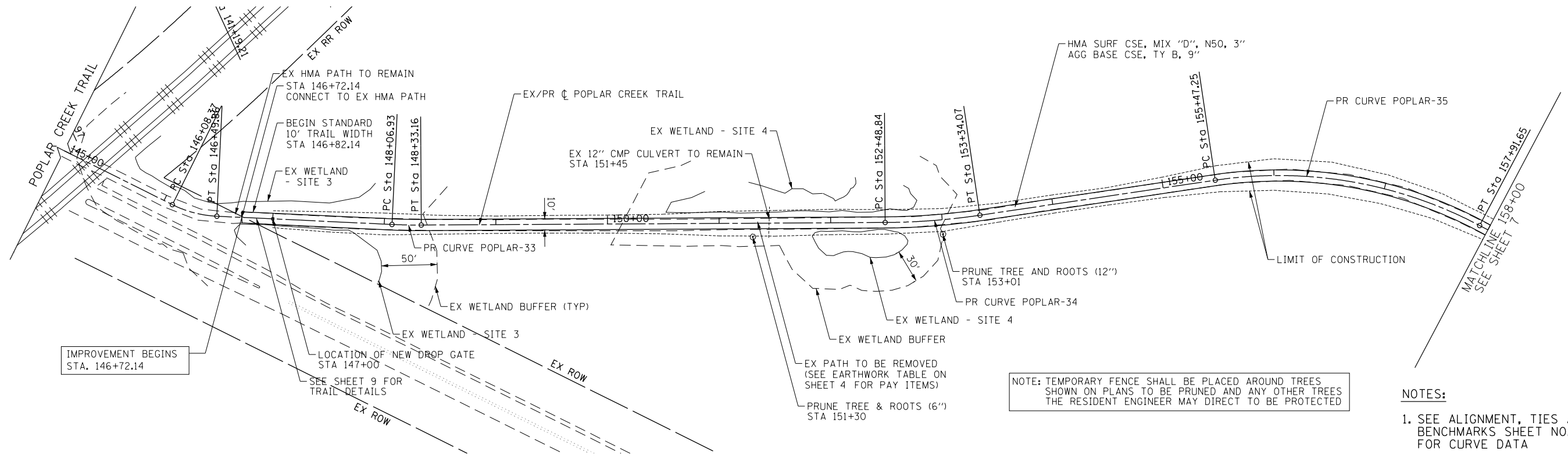


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|------|-----------|----|------|
| PLAN | SURVEYED  | BY | DATE |
|      | PLOTTED   |    |      |
|      | CHECKED   |    |      |
|      | ALIGNED   |    |      |
|      | FILE NAME |    |      |
|      | NO.       |    |      |

|         |           |    |      |
|---------|-----------|----|------|
| PROFILE | SURVEYED  | BY | DATE |
|         | PLOTTED   |    |      |
|         | CHECKED   |    |      |
|         | GRADES    |    |      |
|         | STRUCTURE |    |      |
|         | NOTATIONS |    |      |
|         | CHKD      |    |      |



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|                                 |                 |           |   |  |                           |        |              |           |
|---------------------------------|-----------------|-----------|---|--|---------------------------|--------|--------------|-----------|
| USER NAME = bjholman            | DESIGNED - BJH  | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>SHOE FACTORY ROAD / POPLAR CREEK TRAIL</b><br><b>PLAN AND PROFILE</b> | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| FILE NAME = 130056-SHT-PP01.dgn | DRAWN - BJH     | REVISED - |   |  | 13-00091-00-BT            | COOK   | 23           | 6         |
| PLOT SCALE = 100.0000' / in.    | CHECKED - DWB   | REVISED - |   |  | CONTRACT NO. 61F96        |        |              |           |
| PLOT DATE = 7/9/2019            | DATE - 7/9/2019 | REVISED - |   |  | ILLINOIS FED. AID PROJECT |        |              |           |

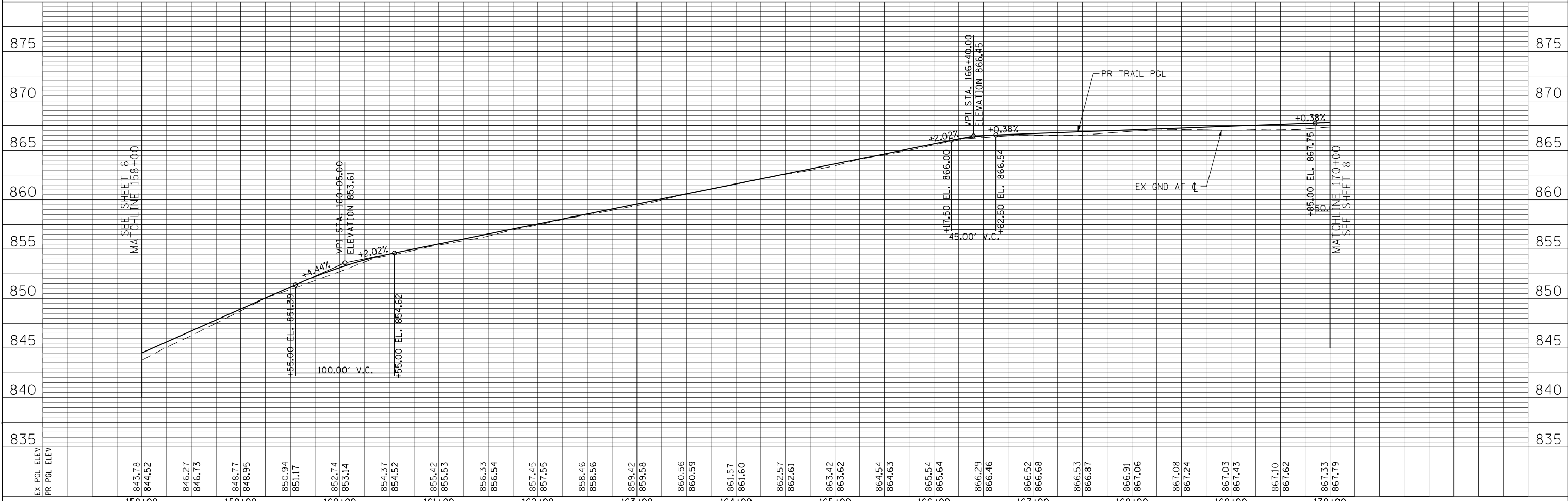
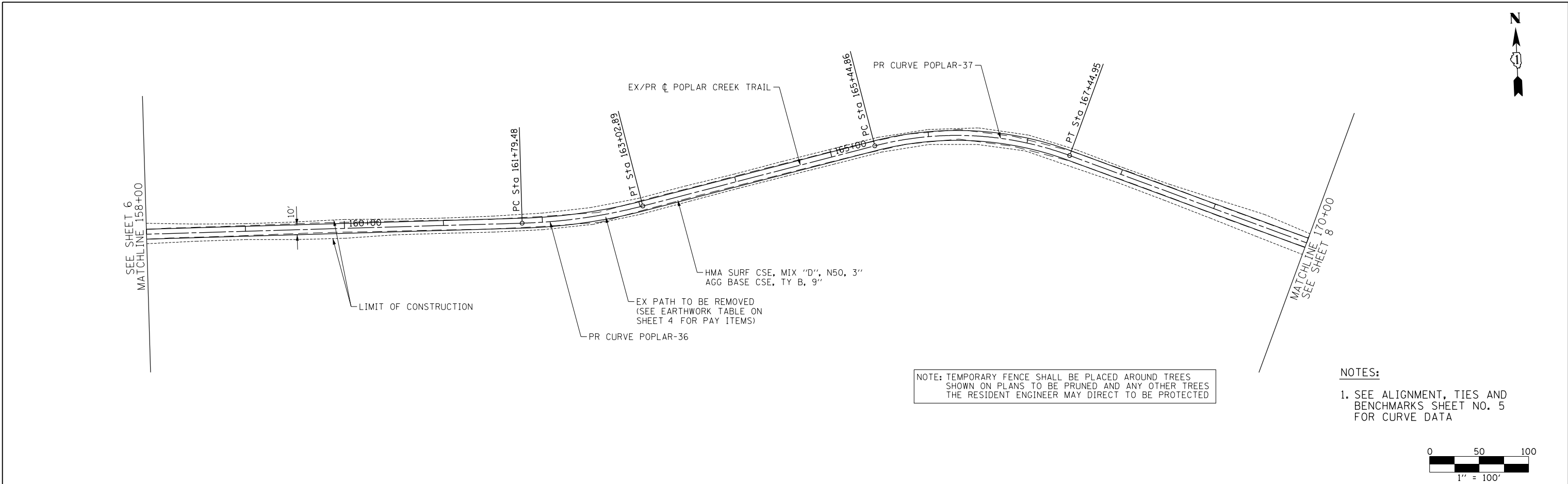
SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 146+00.00 TO STA. 158+00.00

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|------|-----------|----|------|
| PLAN | SURVEYED  | BY | DATE |
|      | PLOTTED   |    |      |
|      | CHECKED   |    |      |
|      | ALIGNED   |    |      |
|      | FILE NAME |    |      |
|      | NO.       |    |      |

|         |                    |    |      |
|---------|--------------------|----|------|
| PROFILE | SURVEYED           | BY | DATE |
|         | GRADES CHECKED     |    |      |
|         | STRUCTURE          |    |      |
|         | NOT AT THIS OFFICE |    |      |
|         | NO.                |    |      |



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|              |                     |            |          |           |  |
|--------------|---------------------|------------|----------|-----------|--|
| USER NAME =  | bjholm              | DESIGNED - | BJH      | REVISED - |  |
| FILE NAME =  | 130056-SHT-PP02.dgn | DRAWN -    | BJH      | REVISED - |  |
| PLOT SCALE = | 100.0000' / in.     | CHECKED -  | DWB      | REVISED - |  |
| PLOT DATE =  | 7/9/2019            | DATE -     | 7/9/2019 | REVISED - |  |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|               |  |                     |  |                                  |  |
|---------------|--|---------------------|--|----------------------------------|--|
| SCALE: 1"=50' |  | SHEET 2 OF 3 SHEETS |  | STA. 158+00.00 TO STA. 170+00.00 |  |
|---------------|--|---------------------|--|----------------------------------|--|

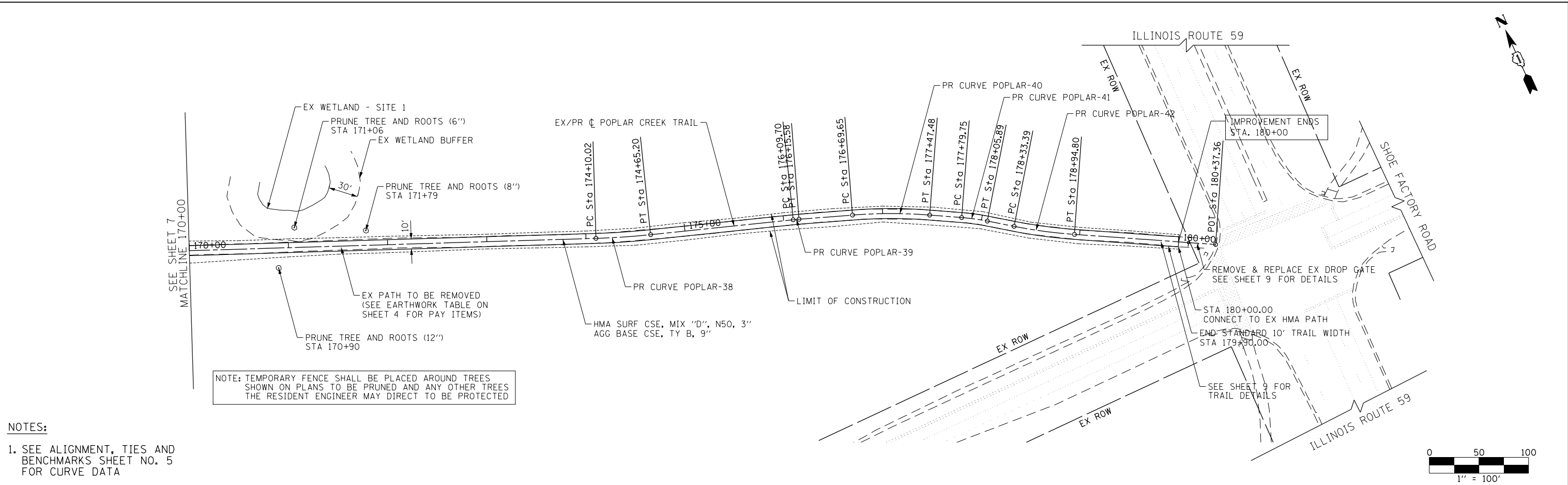
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|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 7         |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

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

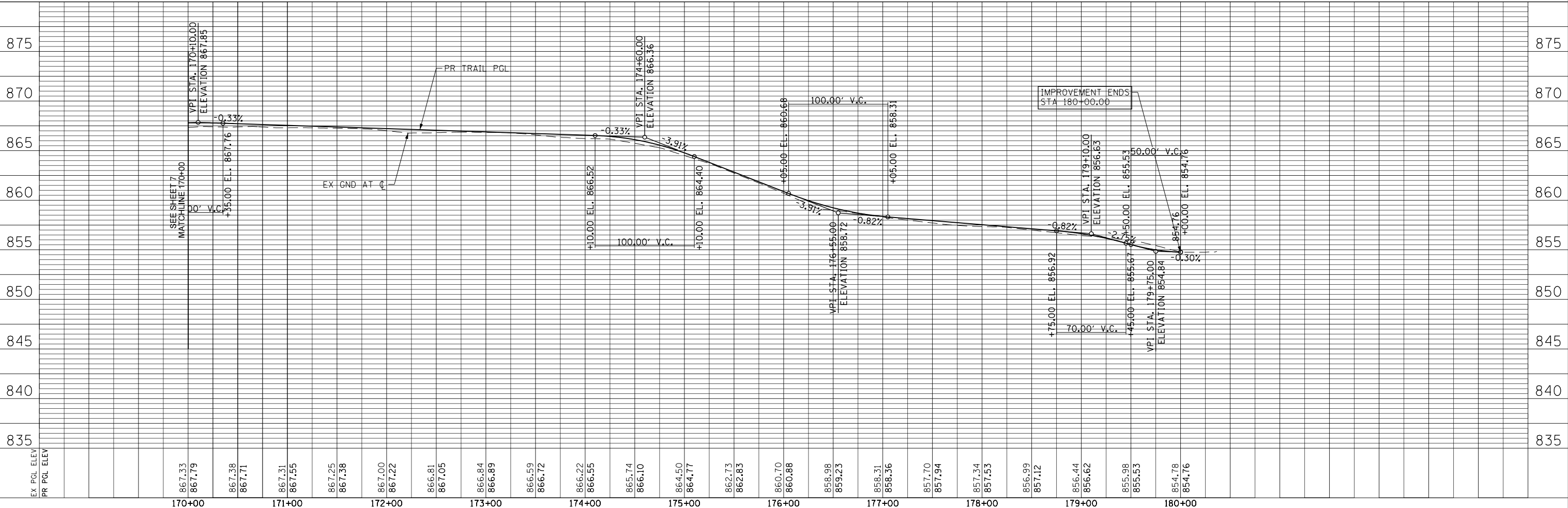
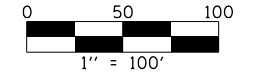
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| PROFILE | SURVEYED                    | BY | DATE |
|         | PLOTTED                     |    |      |
|         | GRADES CHECKED              |    |      |
|         | ALIGNMENT CHECKED           |    |      |
|         | STRUCTURE NOTATIONS CHECKED |    |      |
|         | NOTE BOOK NO.               |    |      |
|         | CADD FILE NAME              |    |      |



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- NOTES:
- SEE ALIGNMENT, TIES AND BENCHMARKS SHEET NO. 5 FOR CURVE DATA

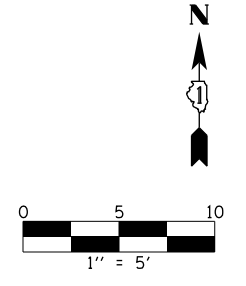
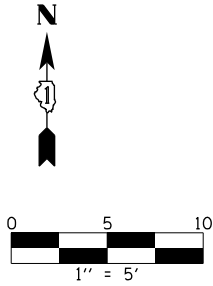


|                                 |        |                              |        |                      |        |                |        |           |        |               |        |                           |        |                 |        |           |        |  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|---------------------------------|--------|------------------------------|--------|----------------------|--------|----------------|--------|-----------|--------|---------------|--------|---------------------------|--------|-----------------|--------|-----------|--------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 170+00                          | 171+00 | 172+00                       | 173+00 | 174+00               | 175+00 | 176+00         | 177+00 | 178+00    | 179+00 | 180+00        |        |                           |        |                 |        |           |        |  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 867.33                          | 867.79 | 867.38                       | 867.71 | 867.31               | 867.55 | 867.25         | 867.38 | 867.00    | 867.22 | 866.81        | 867.05 | 866.84                    | 866.89 | 866.59          | 866.72 | 866.22    | 866.55 | 865.74   | 866.10 | 864.50 | 864.77 | 862.73 | 862.83 | 860.70 | 860.88 | 858.98 | 859.23 | 858.31 | 858.36 | 857.70 | 857.94 | 857.34 | 857.53 | 856.99 | 857.12 | 856.44 | 856.62 | 855.98 | 855.63 | 854.78 | 854.76 |
| USER NAME = b.jholman           |        | DESIGNED - BJH               |        | REVISED -            |        | DRAWN - BJH    |        | REVISED - |        | CHECKED - DWB |        | REVISED -                 |        | DATE - 7/9/2019 |        | REVISED - |        | <p align="center"><b>STATE OF ILLINOIS</b><br/><b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>SHOE FACTORY ROAD / POPLAR CREEK TRAIL</b><br/><b>PLAN AND PROFILE</b></p> <p>SCALE: 1"=50'      SHEET 3 OF 3 SHEETS      STA. 170+00.00 TO STA. 180+00.00</p> |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| FILE NAME = 130056-SHT-PP03.dgn |        | PLOT SCALE = 100.0000' / in. |        | PLOT DATE = 7/9/2019 |        | SECTION        |        | COUNTY    |        | TOTAL SHEETS  |        | SHEET NO.                 |        |                 |        |           |        |  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                 |        |                              |        |                      |        | 13-00091-00-BT |        | COOK      |        | 23            |        | 8                         |        |                 |        |           |        |  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                 |        |                              |        |                      |        |                |        |           |        |               |        | CONTRACT NO. 61F96        |        |                 |        |           |        |  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                 |        |                              |        |                      |        |                |        |           |        |               |        | ILLINOIS FED. AID PROJECT |        |                 |        |           |        |  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |



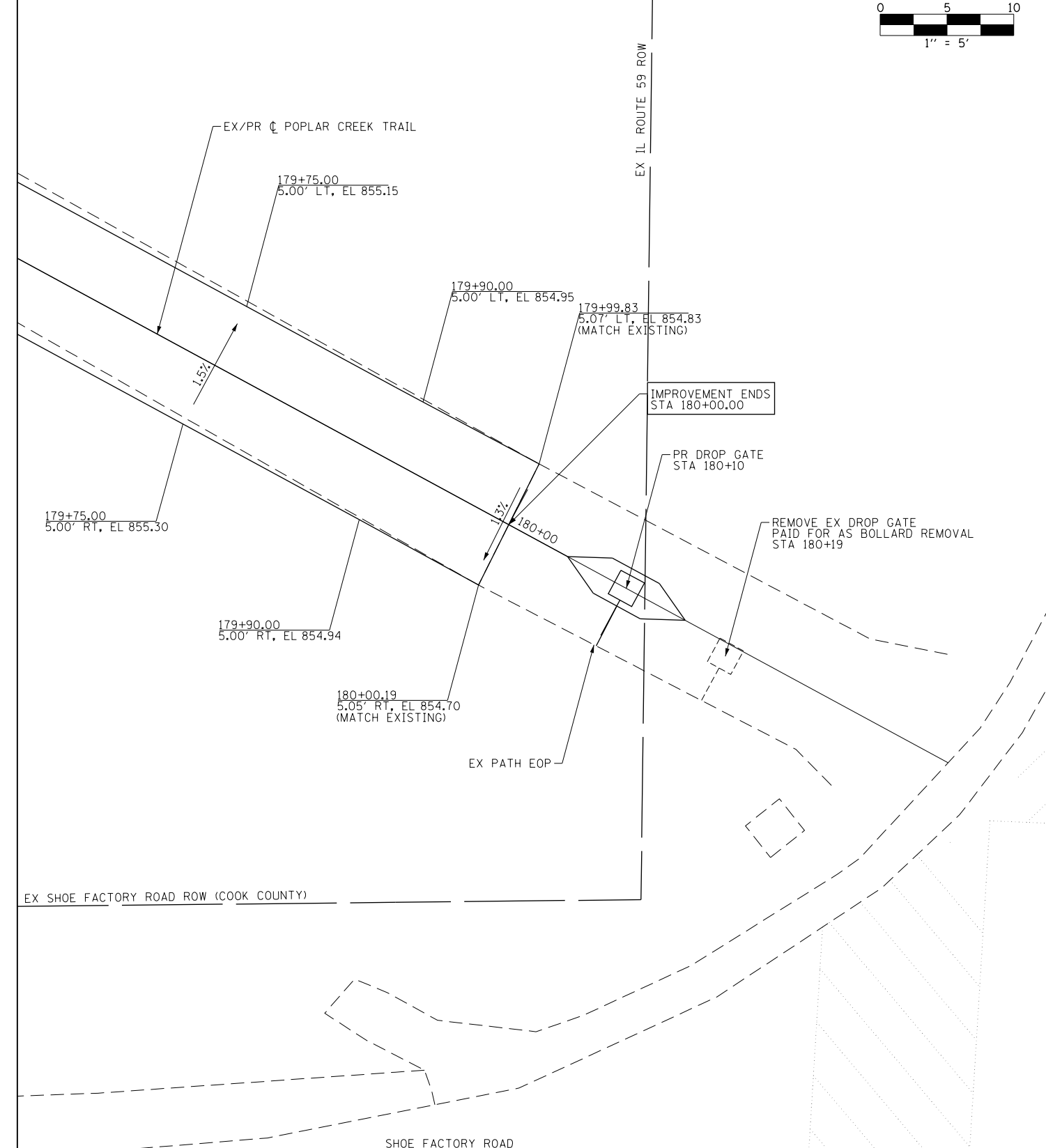
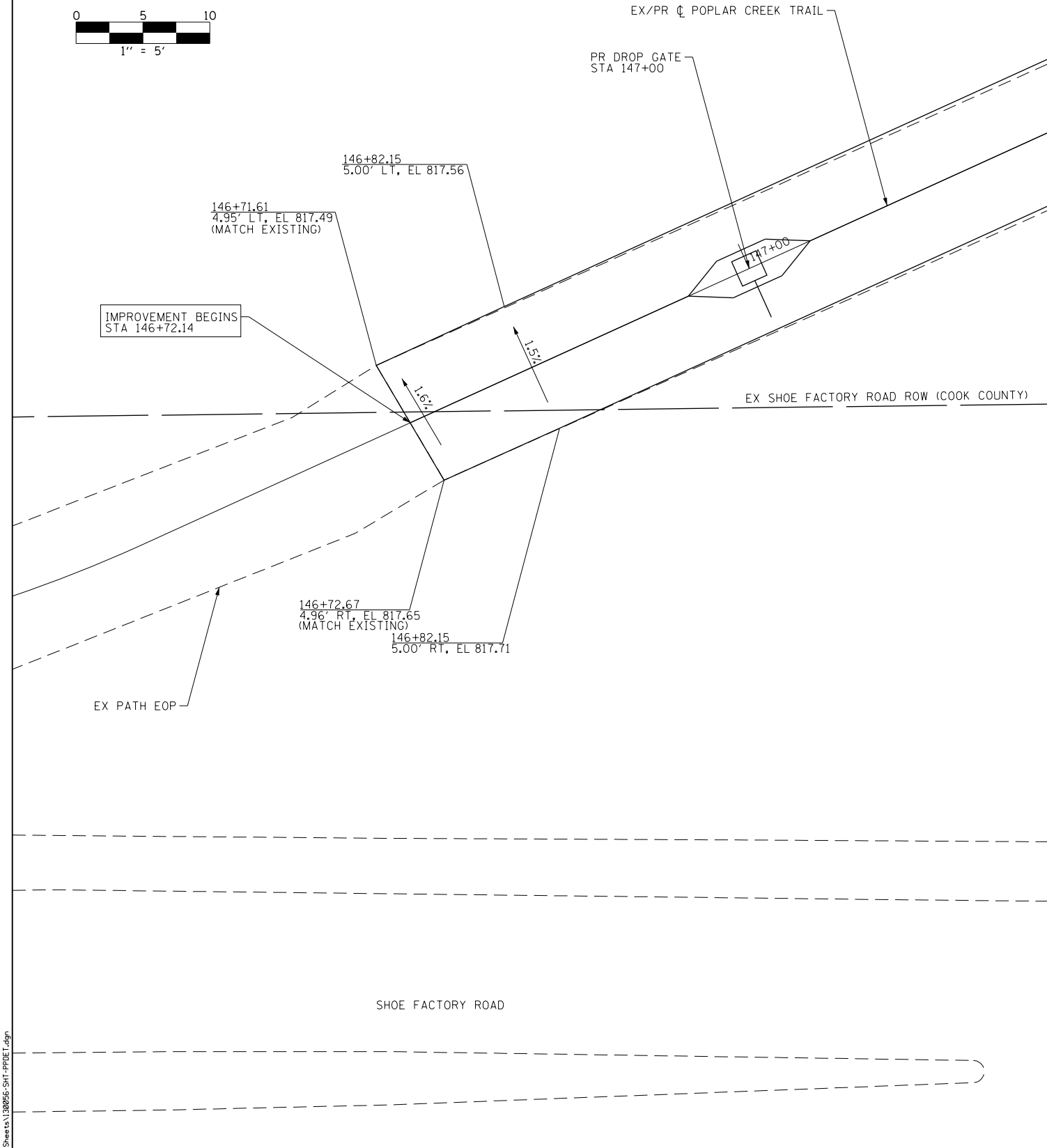
WEST PROJECT LIMIT

EAST PROJECT LIMIT



|               |           |      |
|---------------|-----------|------|
| PLAN          | SURVEYED  | DATE |
| NOTE BOOK NO. | PLOTTED   | BY   |
|               | CHECKED   |      |
|               | ALIGNMENT |      |
|               | PROPOSED  |      |
|               | FILE NAME |      |

|               |                |      |
|---------------|----------------|------|
| PROFILE       | SURVEYED       | DATE |
| NOTE BOOK NO. | GRADES CHECKED | BY   |
|               | STRUCTURE      |      |
|               | NOTATIONS CHKD |      |



|                                  |                 |           |
|----------------------------------|-----------------|-----------|
| USER NAME = bjholman             | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-PPDET.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 10.0000' / in.      | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/10/2019            | DATE - 7/9/2019 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

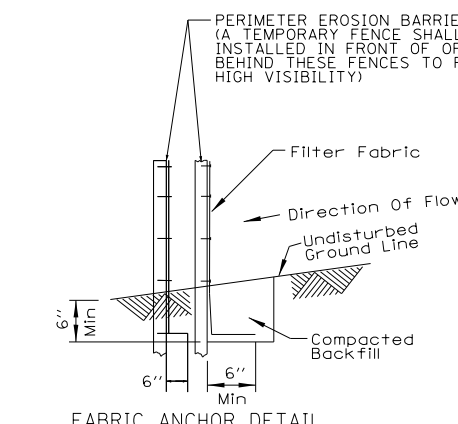
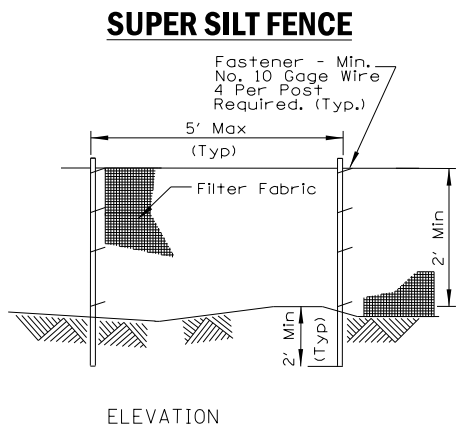
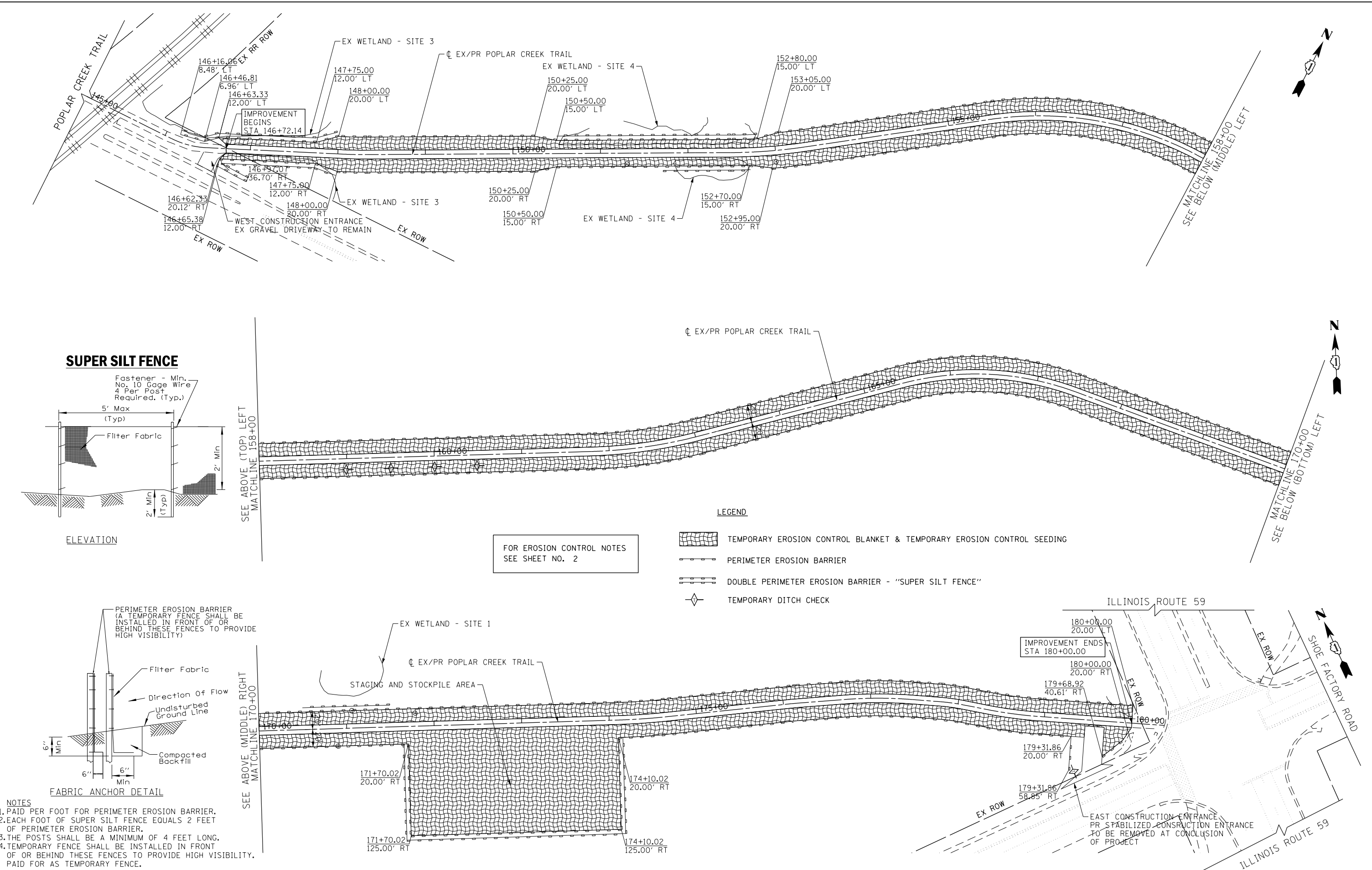
SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
TRAIL DETAILS

SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. TO STA.

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 9         |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

|      |               |      |
|------|---------------|------|
| PLAN | SURVEYED      | DATE |
|      | PLOTTED       | BY   |
|      | CHECKED       |      |
|      | FILED         |      |
|      | CAD FILE NAME |      |
|      | NO.           |      |

|         |               |      |
|---------|---------------|------|
| PROFILE | SURVEYED      | DATE |
|         | PLOTTED       | BY   |
|         | CHECKED       |      |
|         | FILED         |      |
|         | CAD FILE NAME |      |
|         | NO.           |      |



**LEGEND**

- TEMPORARY EROSION CONTROL BLANKET & TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- DOUBLE PERIMETER EROSION BARRIER - "SUPER SILT FENCE"
- TEMPORARY DITCH CHECK

FOR EROSION CONTROL NOTES  
SEE SHEET NO. 2

- NOTES**
1. PAID PER FOOT FOR PERIMETER EROSION BARRIER.
  2. EACH FOOT OF SUPER SILT FENCE EQUALS 2 FEET OF PERIMETER EROSION BARRIER.
  3. THE POSTS SHALL BE A MINIMUM OF 4 FEET LONG.
  4. TEMPORARY FENCE SHALL BE INSTALLED IN FRONT OF OR BEHIND THESE FENCES TO PROVIDE HIGH VISIBILITY. PAID FOR AS TEMPORARY FENCE.

|                                 |                 |           |
|---------------------------------|-----------------|-----------|
| USER NAME = bjhoman             | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-EC01.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 100.0000' / in.    | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/9/2019            | DATE - 7/9/2019 | REVISED - |

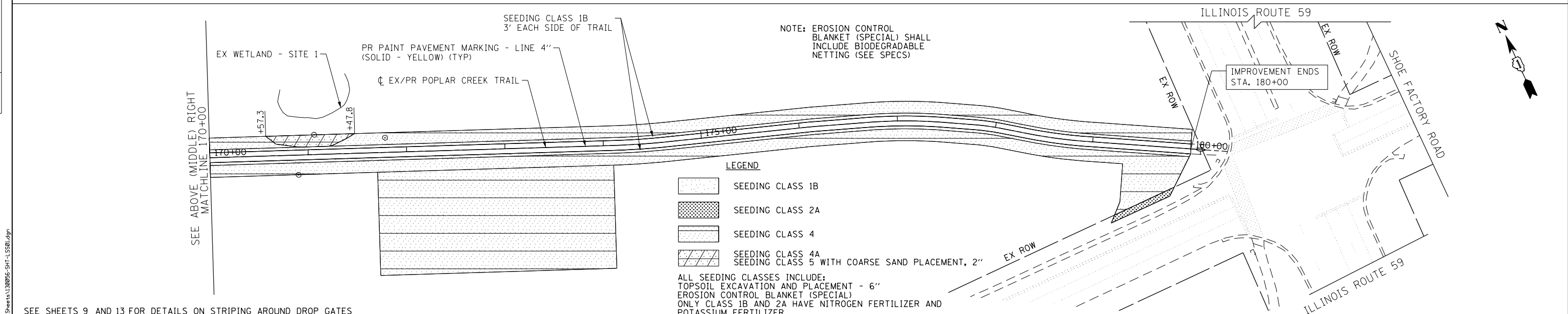
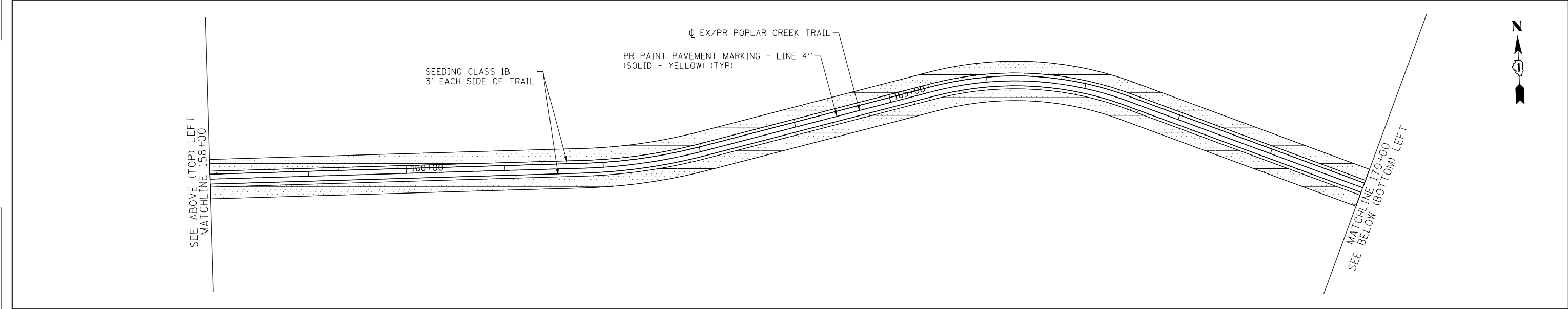
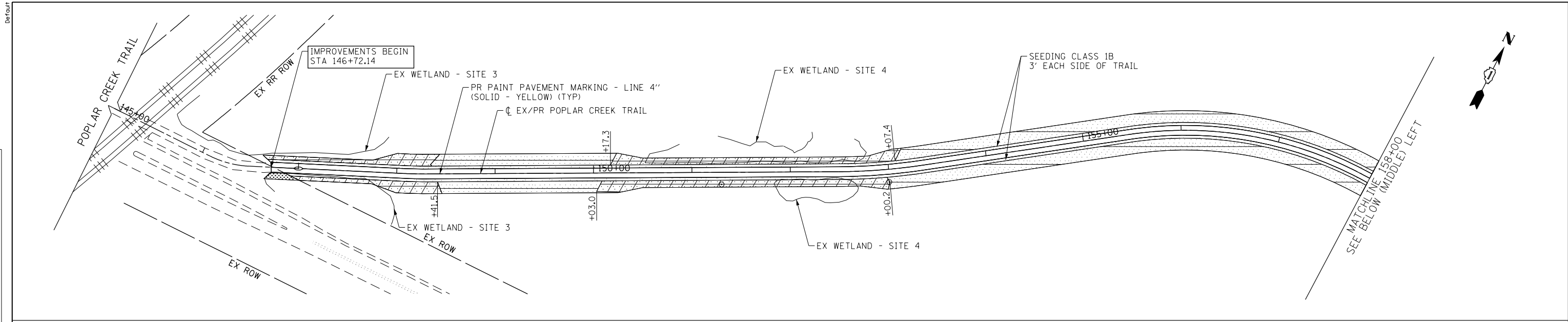
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|  |                     |
|--|---------------------|
| <b>SHOE FACTORY ROAD / POPLAR CREEK TRAIL<br/>EROSION AND SEDIMENT CONTROL</b> |                     |
| SCALE: 1"=50'  | SHEET 1 OF 1 SHEETS |
| STA. 146+00.00 TO STA. 180+00.00   |                     |

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 10        |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

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|------|-----------------------------|------|
| PLAN | SURVEYED                    | DATE |
|      | PLOTTED                     |      |
|      | GRADES CHECKED              |      |
|      | STRUCTURE NOTATIONS CHECKED |      |
|      | NOTE BOOK NO.               |      |
|      | BY                          |      |
|      | CHECKED                     |      |
|      | FILE NAME                   |      |

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| PROFILE | SURVEYED                    | DATE |
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|         | GRADES CHECKED              |      |
|         | STRUCTURE NOTATIONS CHECKED |      |
|         | NOTE BOOK NO.               |      |
|         | BY                          |      |
|         | CHECKED                     |      |
|         | FILE NAME                   |      |



SEE SHEETS 9 AND 13 FOR DETAILS ON STRIPING AROUND DROP GATES

|                                  |                 |           |
|----------------------------------|-----------------|-----------|
| USER NAME = bjhoman              | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-LSS01.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 100.0000' / in.     | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/9/2019             | DATE - 7/9/2019 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|  |  |
|--|--|
| <b>SHOE FACTORY ROAD / POPLAR CREEK TRAIL<br/>LANDSCAPING, SIGNING, AND STRIPING</b> |  |
| SCALE: 1"=50'  | SHEET 1 OF 1 SHEETS STA. 146+00.00 TO STA. 180+00.00 |

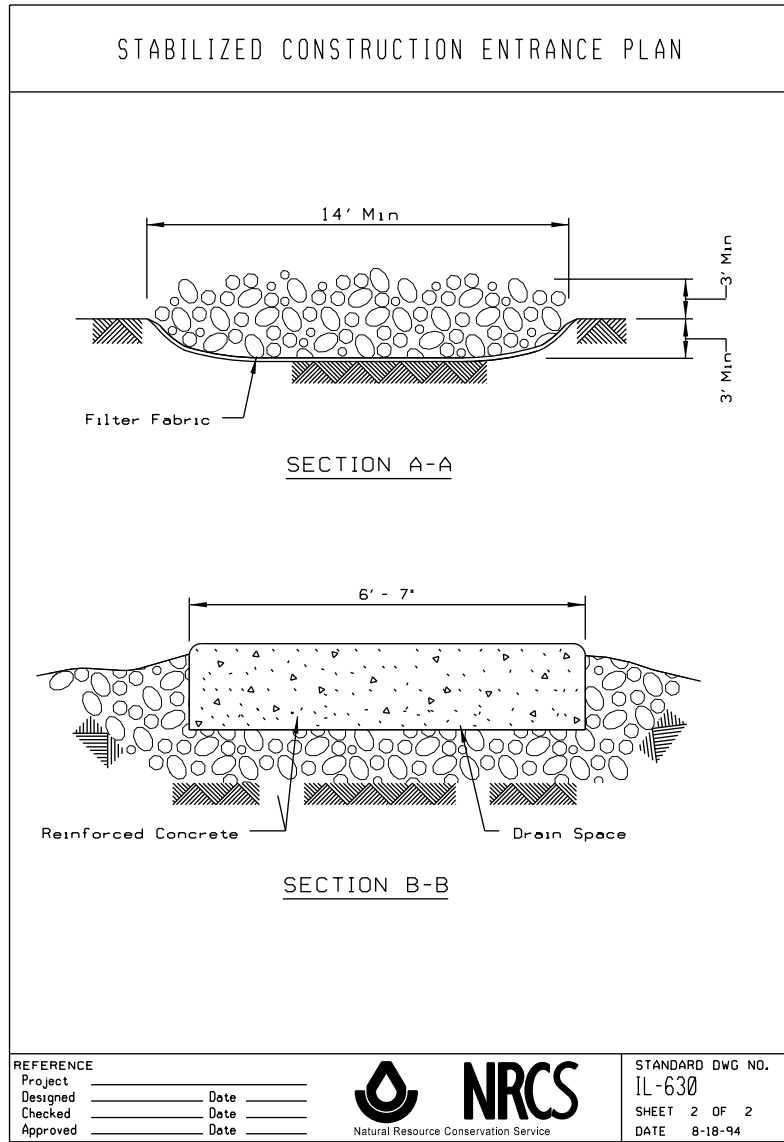
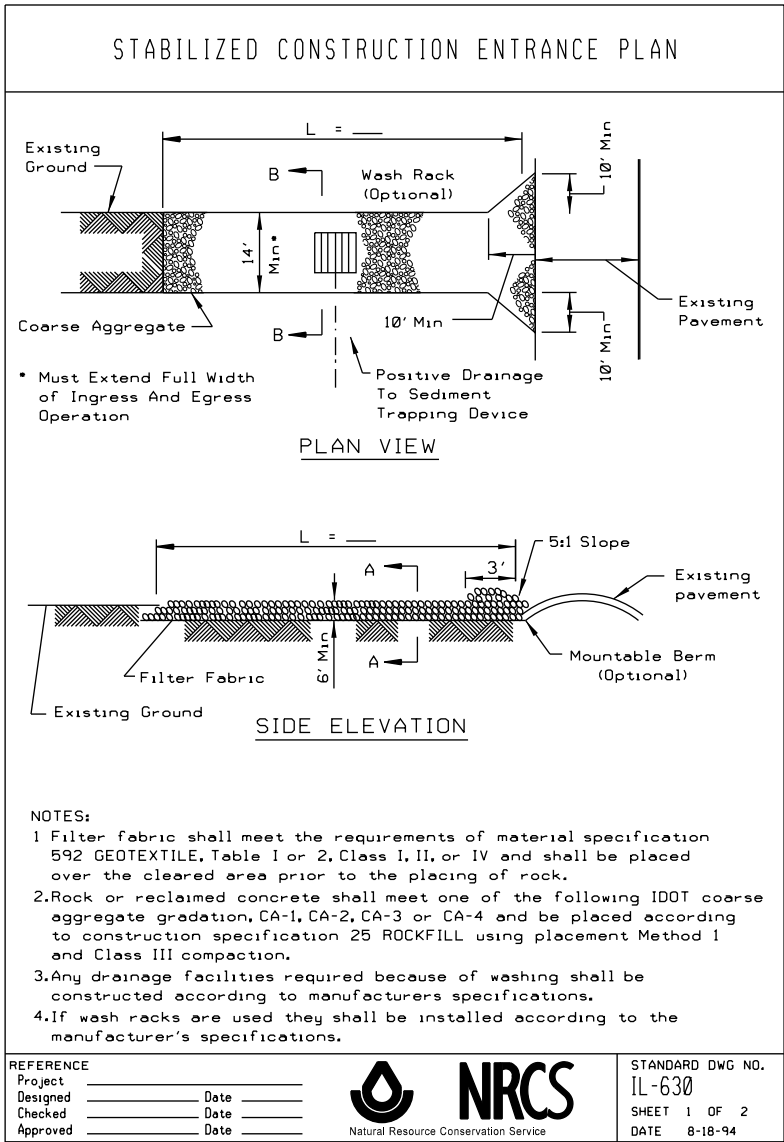
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|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 11        |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

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| PLAN | SURVEYED      | DATE |
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| PROFILE | SURVEYED  | DATE |
|         | PLOTTED   |      |
|         | CHECKED   |      |
|         | GRADES    |      |
|         | STRUCTURE |      |
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|         | CHKD      |      |
|         | NO.       |      |



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| FILE NAME = 130056-SHT-PDE101.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 2.0000' / 1in.       | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/9/2019              | DATE - 7/9/2019 | REVISED - |

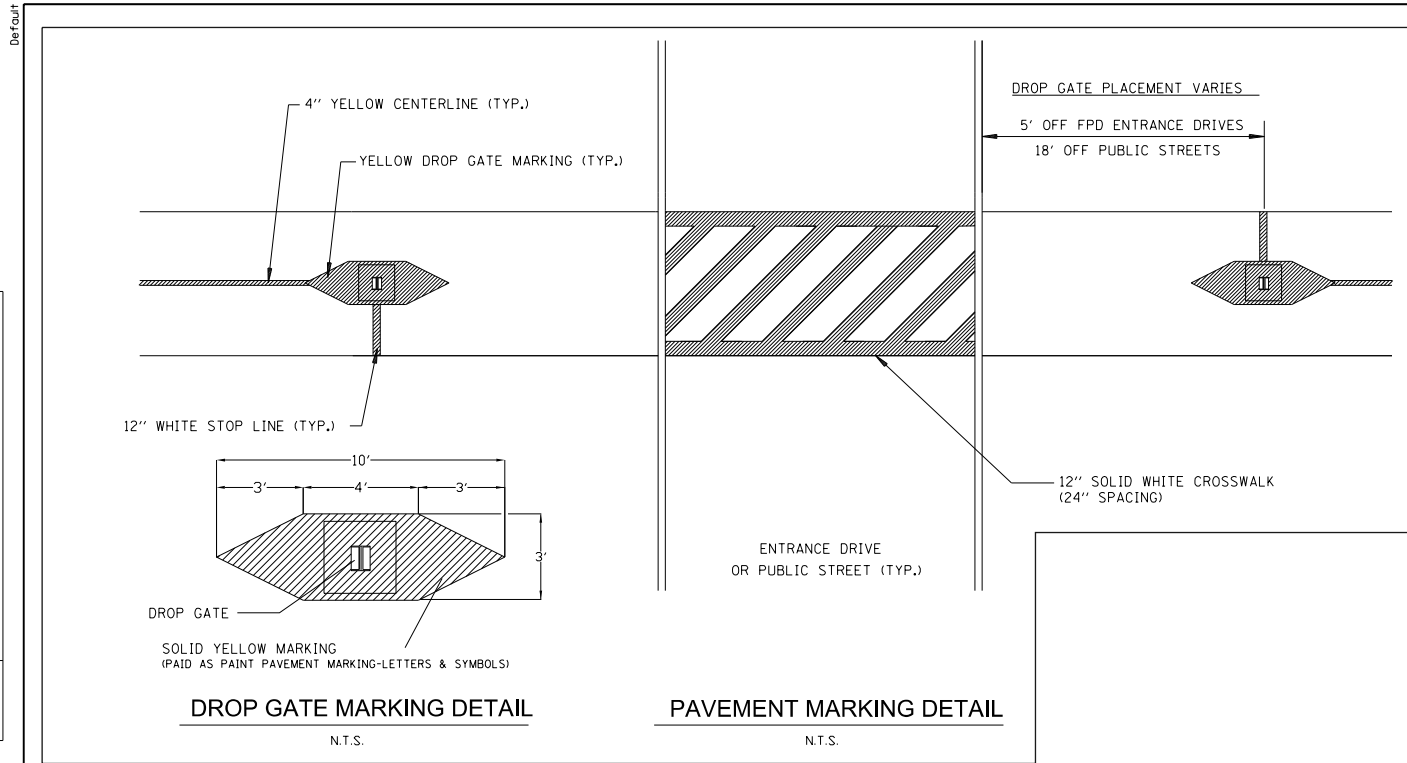
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|  |                                  |
|--|----------------------------------|
| <b>SHOE FACTORY ROAD / POPLAR CREEK TRAIL<br/>PROJECT DETAILS - STABILIZED CONSTRUCTION ENTRANCE</b> |                                  |
| SCALE: NONE  | SHEET 1 OF 1 SHEETS STA. TO STA. |

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 12        |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

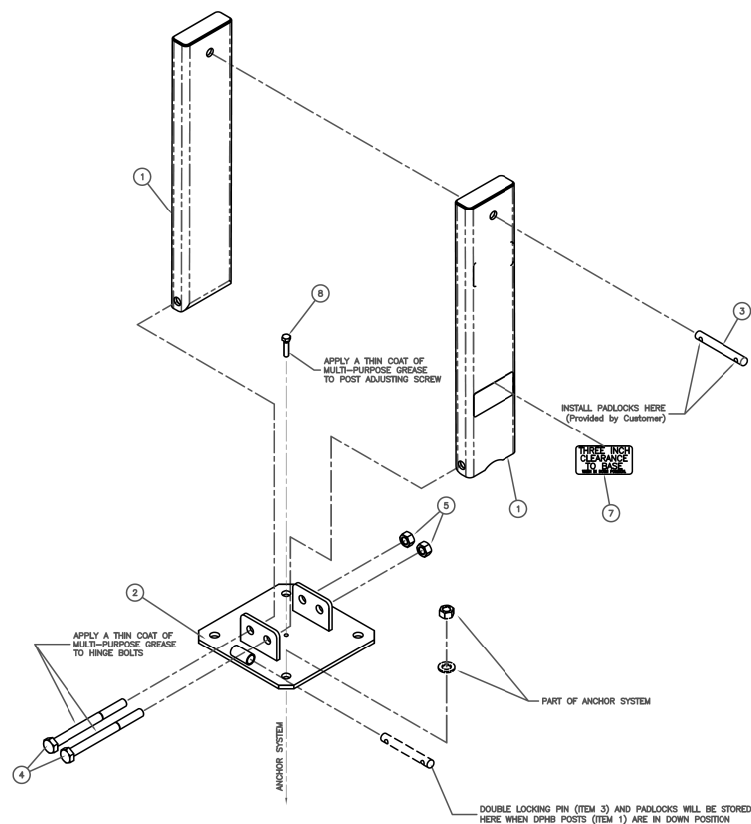
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| CHECKED        |  |
| ALIGNMENT      |  |
| FILE NAME      |  |
| CADD FILE NAME |  |
| PLAN           |  |
| NOTE BOOK      |  |
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| DATE      |  |
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| SURVEYED  |  |
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| CHECKED   |  |
| GRADES    |  |
| STRUCTURE |  |
| NOTATIONS |  |
| PROFILE   |  |
| NOTE BOOK |  |
| NO.       |  |



**LEVELING BOLT INSTRUCTIONS:**

1. START 1/2" (13) X 1 3/4" 18-8 STAINLESS STEEL HEX IN CENTER HOLE OF BASE PLATE. (THREADS HAVE BEEN LEFT PAINTED FOR A TIGHT FIT)
2. TURN BOLT SLIGHTLY THROUGH BASE.
3. INSTALL POSTS AND LOCKING UPRIGHT POSITION.
4. BEGIN RAISING LEVELING BOLT WITH WRENCH UNTIL CONTACT IS MADE WITH POSTS. RESULTS WILL BE A STABLE SET OF POSTS.



**FOR MODELS:**  
HDHB  
LPHDHB  
DHB  
DHB-SL

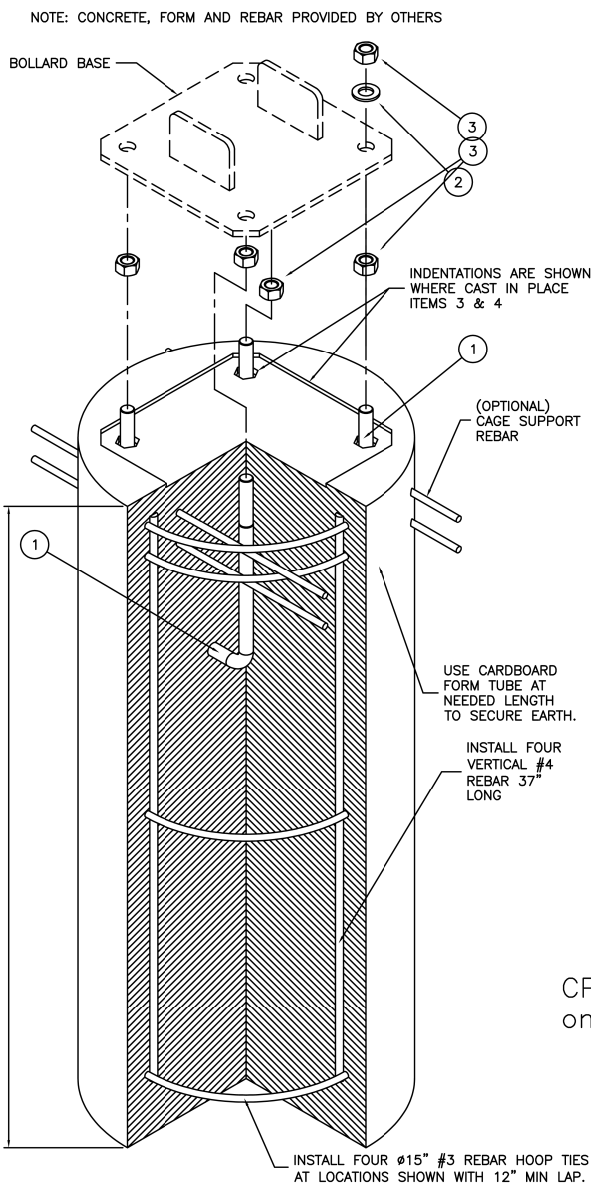
**INSTALLATION INSTRUCTIONS FOR:**

**DOUBLE POST HINGED BOLLARD (DHB)**

1. Verify that all Double Post Hinged Bollard parts are in the shipment package as shown on the "Bill of Material"
2. Provide Double Post Hinged Bollard Anchor System ( see included Anchor System Drawing-BAS ) of your choice at a location to suit your specific needs.
3. Install DPHB Base ( Item 2 ) true and level on your selected Anchor System using the flat washers and hex nuts included in your Anchor System Kit. Use S.S. Shims to level if needed. Torque hex nuts to Minimum 100 ft-lbs for Anchor Systems CPAS and ESAS. Torque hex nuts for other Anchor Systems to Manufacturers Specifications.
4. Install DPHB Posts ( Item 1 ) to DPHB Base ( Item 2 ) using Hinge Bolts ( Item 4 ) and Hex Nuts ( Item 5 ) as shown. Tack Weld Hex Nuts to Hinge Bolts or Chisel Hinge Bolt Threads such that Hex Nuts cannot be easily removed.
5. Install Double Locking Pin thru UP Position Bollard Posts, and install Padlock at both ends.
6. Install the four Labels at the locations shown.
7. Check the functional operation of the Hinged Bollard Posts.

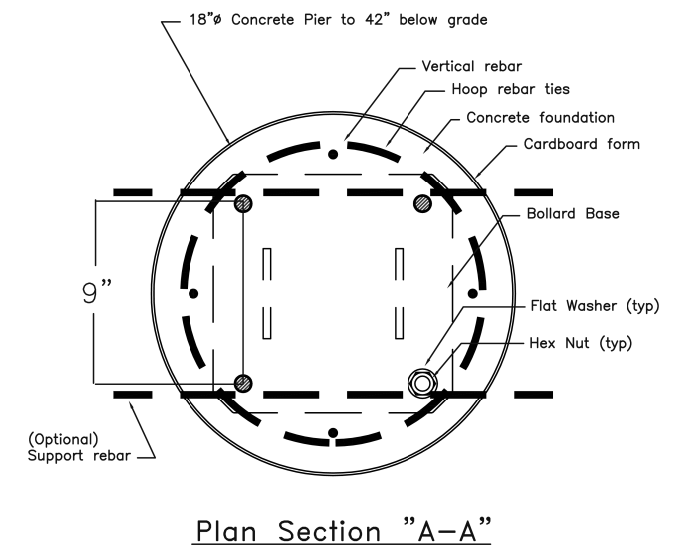
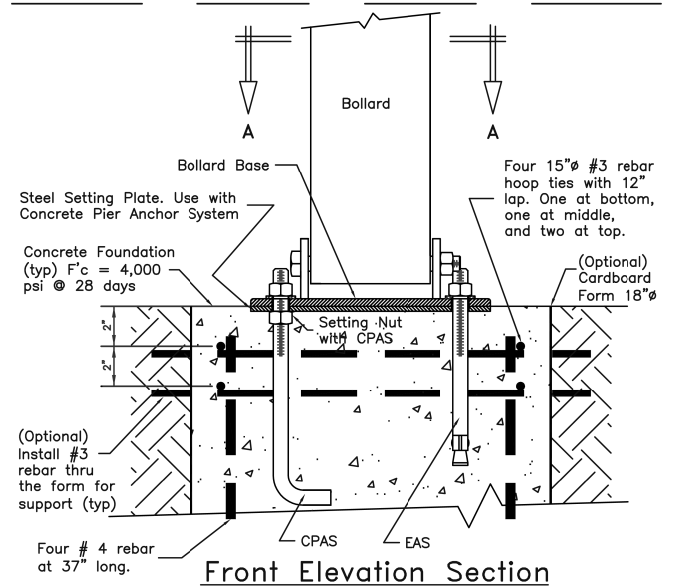
\*Note: S.S. Shims, tools, grease, and padlocks are not provided.

| ITEM | PART # | DESCRIPTION                                      | QTY. |
|------|--------|--|------|
| *    | 9001   | CPAS KIT - INCLUDES THE FOLLOWING PART NUMBERS * | *    |
| 1    | 0002   | Ø3/4" x 12" TYPE L ANCHOR BOLT-H.D.G.            | 4    |
| 2    | 0007   | Ø3/4" TYPE A FLAT NARROW WASHER GALVANIZED STEEL | 4    |
| 3    | 0006   | Ø3/4" HEX NUT GALVANIZED STEEL                   | 8    |



These Anchorage systems are designed for the noted loading based on a quality substrate material and proper installation, by the customer's contractor. The installation shall conform to the drawing and the manufacturer's instructions. The customer is responsible to determine the adequate quality of new or existing concrete and the earth substrate. The concrete shall be solid and uncracked with adequate thickness for the anchors and a compressive strength of Fc'(minimum)=4,000 pounds per square inch. The earth shall have an unconfined strength of Qu(minimum)=4,000 pounds per square foot. If you have questionable substrates, contact your local structural engineer for appropriate anchorage evaluation and/or anchorage design. A test installation may be required to determine the adequacy of the anchorage system for your specific installation. Call PARS Direct for installation guidance, if needed.

**Anchor Installation Note**



|                                   |                 |           |
|-----------------------------------|-----------------|-----------|
| USER NAME = bjholman              | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-PDET02.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 2.0000' / in.        | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/9/2019              | DATE - 7/9/2019 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
PROJECT DETAILS - DROP GATE**

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

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 13        |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

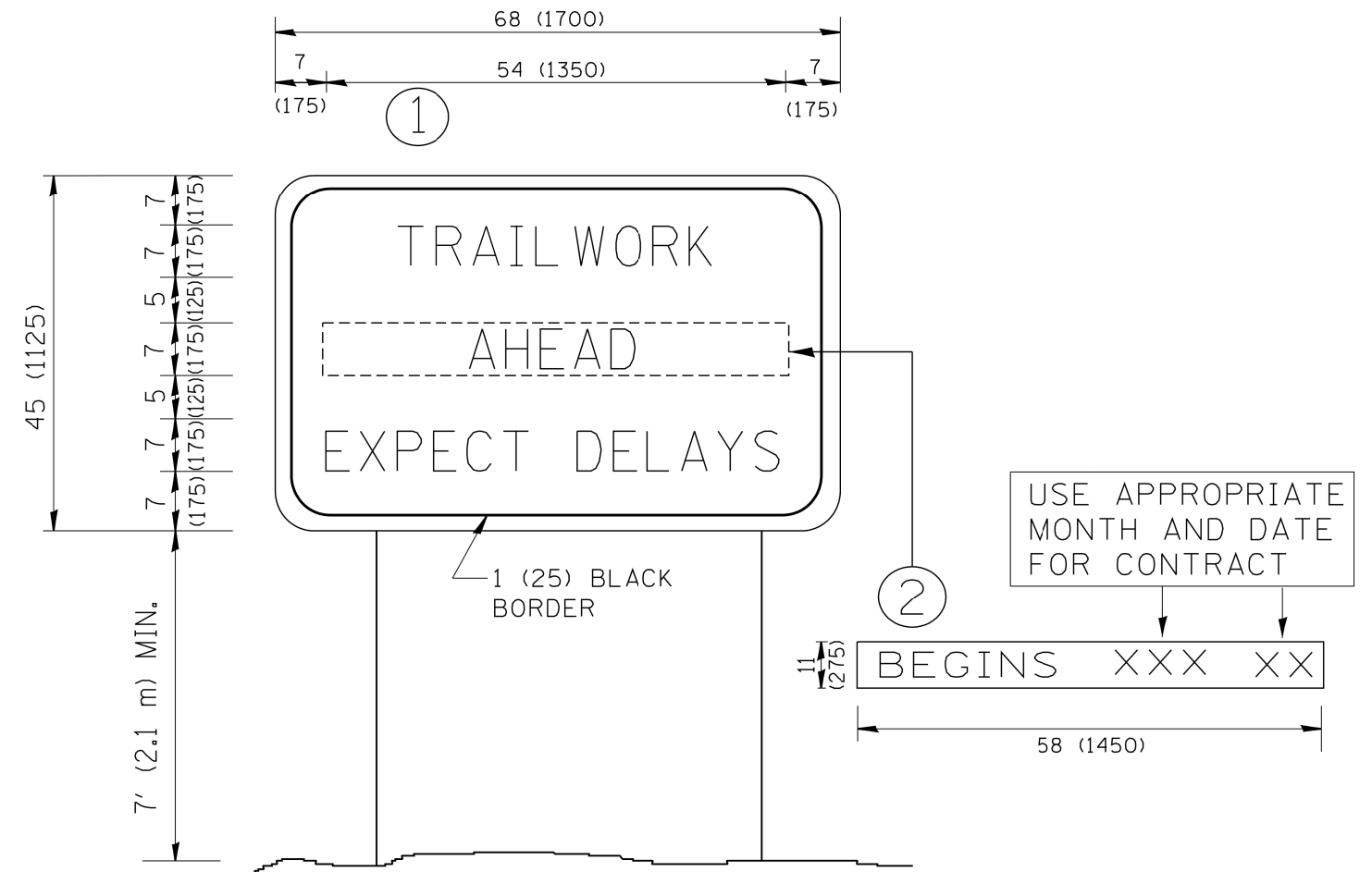
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| NOTE BOOK NO. | PLOTTED        |    |      |
|               | CHECKED        |    |      |
|               | ALIGNMENT      |    |      |
|               | STRUCTURE      |    |      |
|               | CADD FILE NAME |    |      |

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



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NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE TRAIL 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.

**ARTERIAL ROAD INFORMATION SIGN (TC-22)**

|                                  |                 |           |
|----------------------------------|-----------------|-----------|
| USER NAME = bjhorman             | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-00E10.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 2.0000' / in.       | CHECKED - DWB   | REVISED - |
| PLOT DATE = 7/9/2019             | DATE - 7/9/2019 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

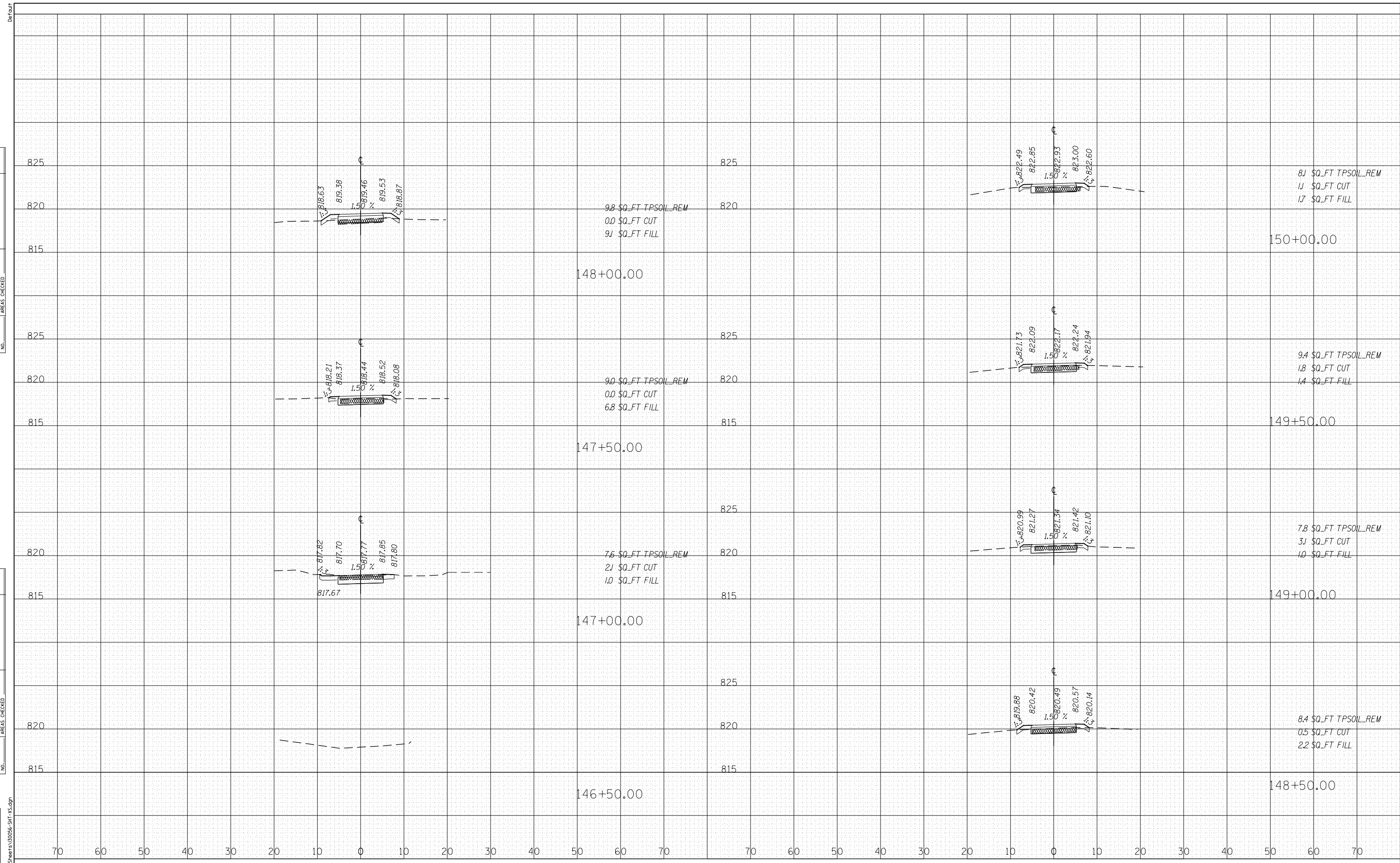
**SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
DISTRICT DETAILS**

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

|                           |        |              |           |
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| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 14        |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

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| ORIGINAL SURVEY |  |
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| AREAS CHECKED   |  |
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| USER NAME = bjhoman           | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-XS.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 20.0000' / in.   | CHECKED -       | REVISED - |
| PLOT DATE = 7/9/2019          | DATE - 7/9/2019 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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| <b>SHOE FACTORY ROAD / POPLAR CREEK TRAIL<br/>CROSS SECTIONS</b> |  |
| SCALE: H: 1"=10'<br>V: 1"=5'                                     | SHEET 1 OF 9 SHEETS STA. 146+50.00 TO STA. 150+00.00 |

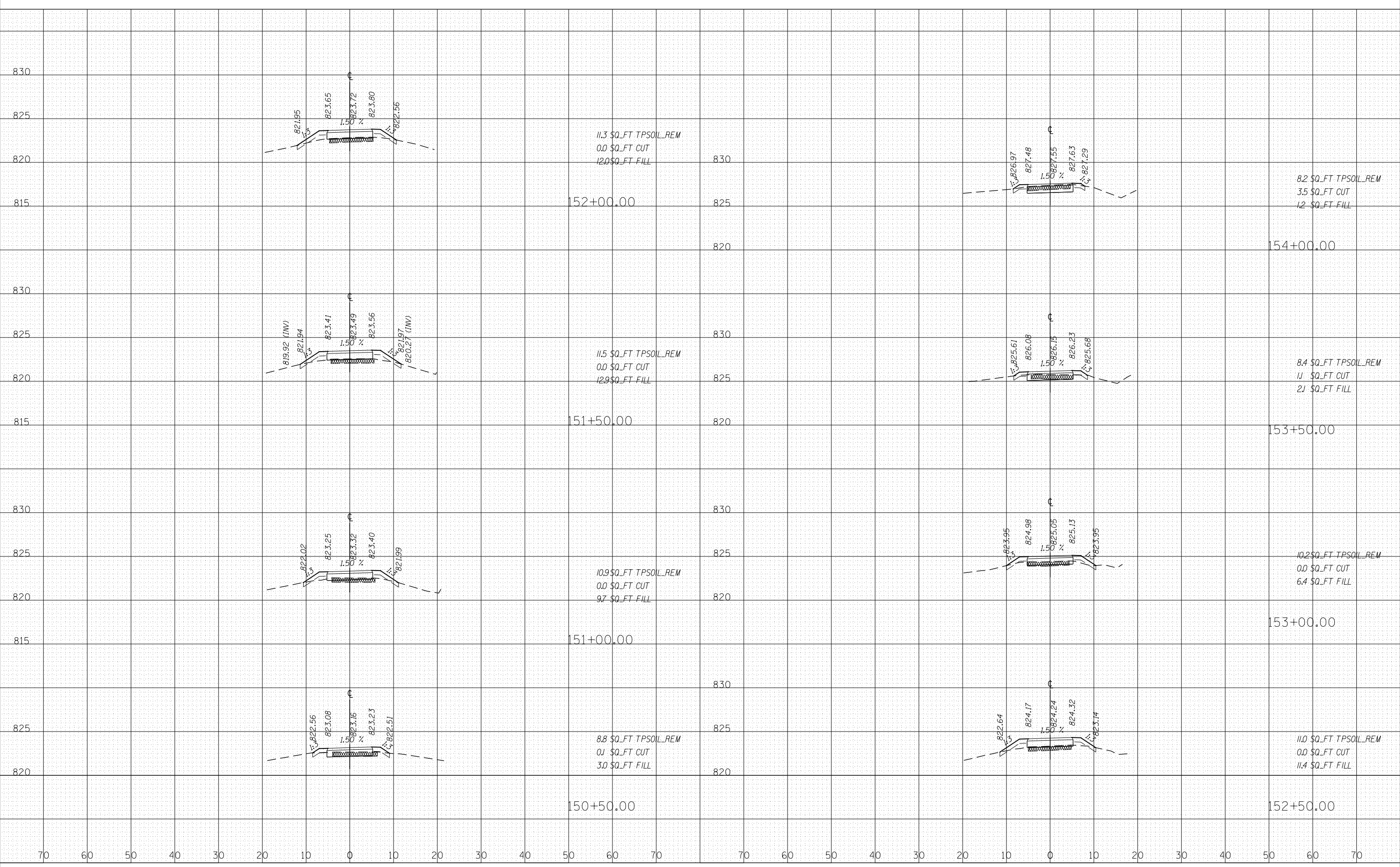
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| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 15        |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

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| DATE            |  |
| BY              |  |
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| USER NAME = bjholman          | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-XS.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 20.0000' / in.   | CHECKED -       | REVISED - |
| PLOT DATE = 7/9/2019          | DATE - 7/9/2019 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
CROSS SECTIONS**

SCALE: H<sub>v</sub> 1"=10'  
V<sub>v</sub> 1"=5' SHEET 2 OF 9 SHEETS STA. 150+50.00 TO STA. 154+00.00

|                    |        |              |           |
|--------------------|--------|--------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT     | COOK   | 23           | 16        |
| CONTRACT NO. 61F96 |        |              |           |

ILLINOIS FED. AID PROJECT

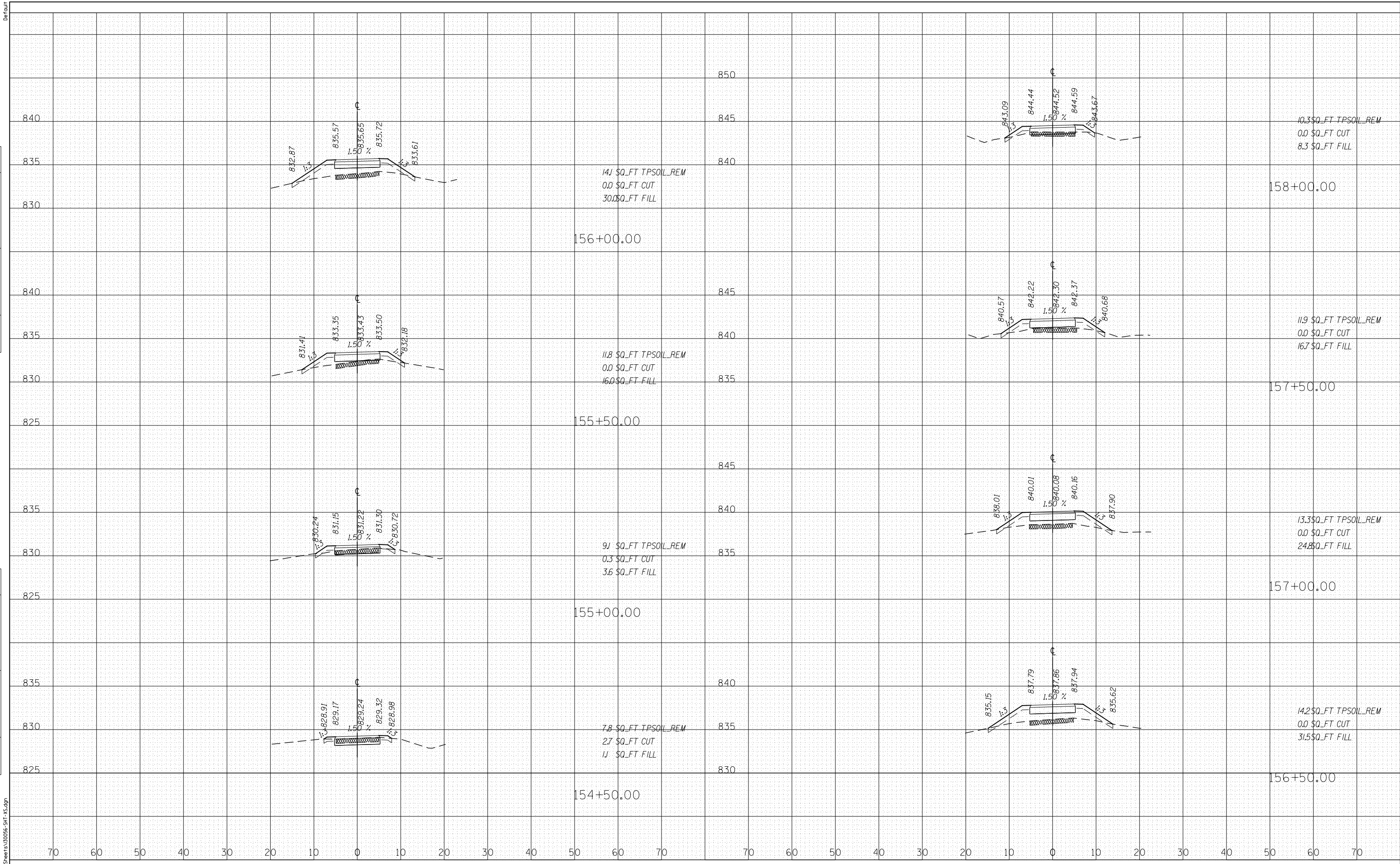


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| AREAS CHECKED                           |  |

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



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| USER NAME = bjholman          | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-XS.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 20.0000' / in.   | CHECKED -       | REVISED - |
| PLOT DATE = 7/9/2019          | DATE - 7/9/2019 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
CROSS SECTIONS

SCALE: H<sub>v</sub> 1"=10'  
V<sub>v</sub> 1"=5'  
SHEET 3 OF 9 SHEETS STA. 154+50.00 TO STA. 158+00.00

|                    |        |              |           |
|--------------------|--------|--------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT     | COOK   | 23           | 17        |
| CONTRACT NO. 61F96 |        |              |           |

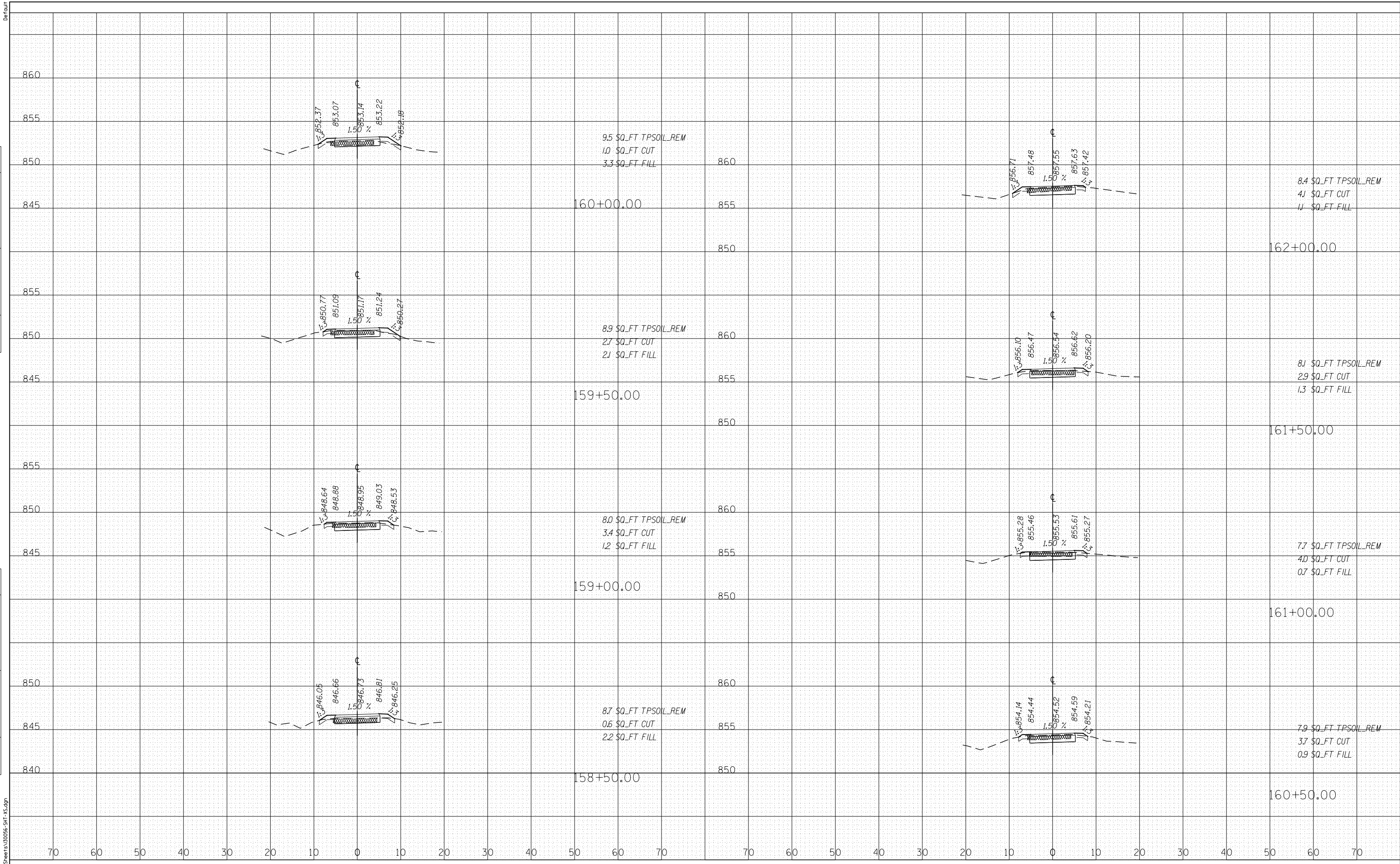
ILLINOIS FED. AID PROJECT

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| FINISHED SURVEY |  |
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| NOTE BOOK       |  |
| AREAS CHECKED   |  |
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| BY              |  |
| ORIGINAL SURVEY |  |
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| TEMPLATE        |  |
| AREAS CHECKED   |  |
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| USER NAME = bjholman          | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-XS.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 20.0000' / in.   | CHECKED -       | REVISED - |
| PLOT DATE = 7/9/2019          | DATE - 7/9/2019 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
CROSS SECTIONS**

SCALE: H<sub>v</sub> 1"=10'  
V<sub>v</sub> 1"=5'      SHEET 4 OF 9 SHEETS      STA. 158+50.00 TO STA. 162+00.00

|                    |        |              |           |
|--------------------|--------|--------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT     | COOK   | 23           | 18        |
| CONTRACT NO. 61F96 |        |              |           |

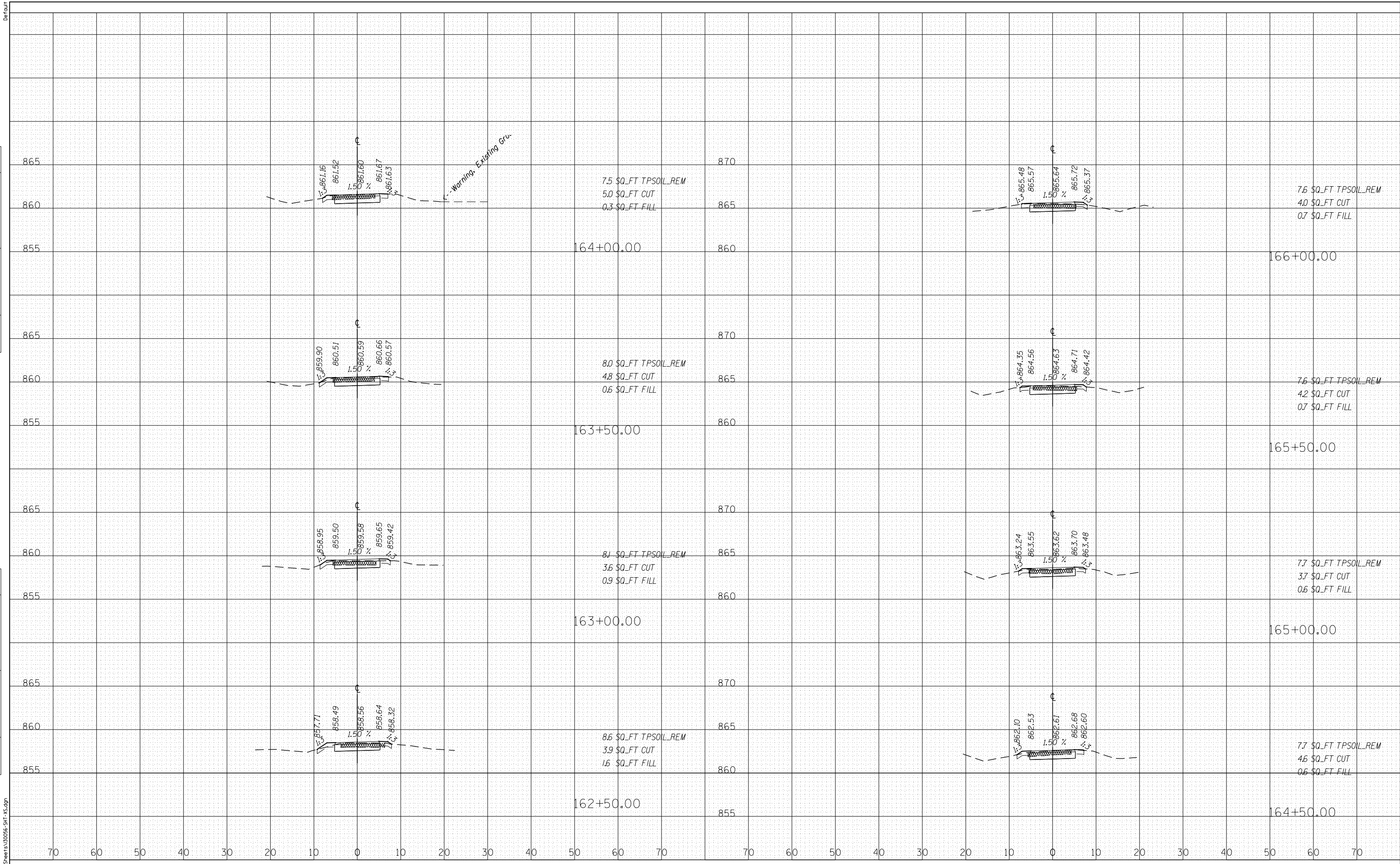
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| AREAS CHECKED    |  |

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| BY               |  |
| ORIGINAL SURVEY  |  |
| PLOTTED TEMPLATE |  |
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| USER NAME = bjholman          | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-XS.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 20.0000' / in.   | CHECKED -       | REVISED - |
| PLOT DATE = 7/9/2019          | DATE - 7/9/2019 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
CROSS SECTIONS

SCALE: H: 1"=10'  
V: 1"=5' SHEET 5 OF 9 SHEETS STA. 162+50.00 TO STA. 166+00.00

|                    |        |              |           |
|--------------------|--------|--------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT     | COOK   | 23           | 19        |
| CONTRACT NO. 61F96 |        |              |           |

ILLINOIS FED. AID PROJECT

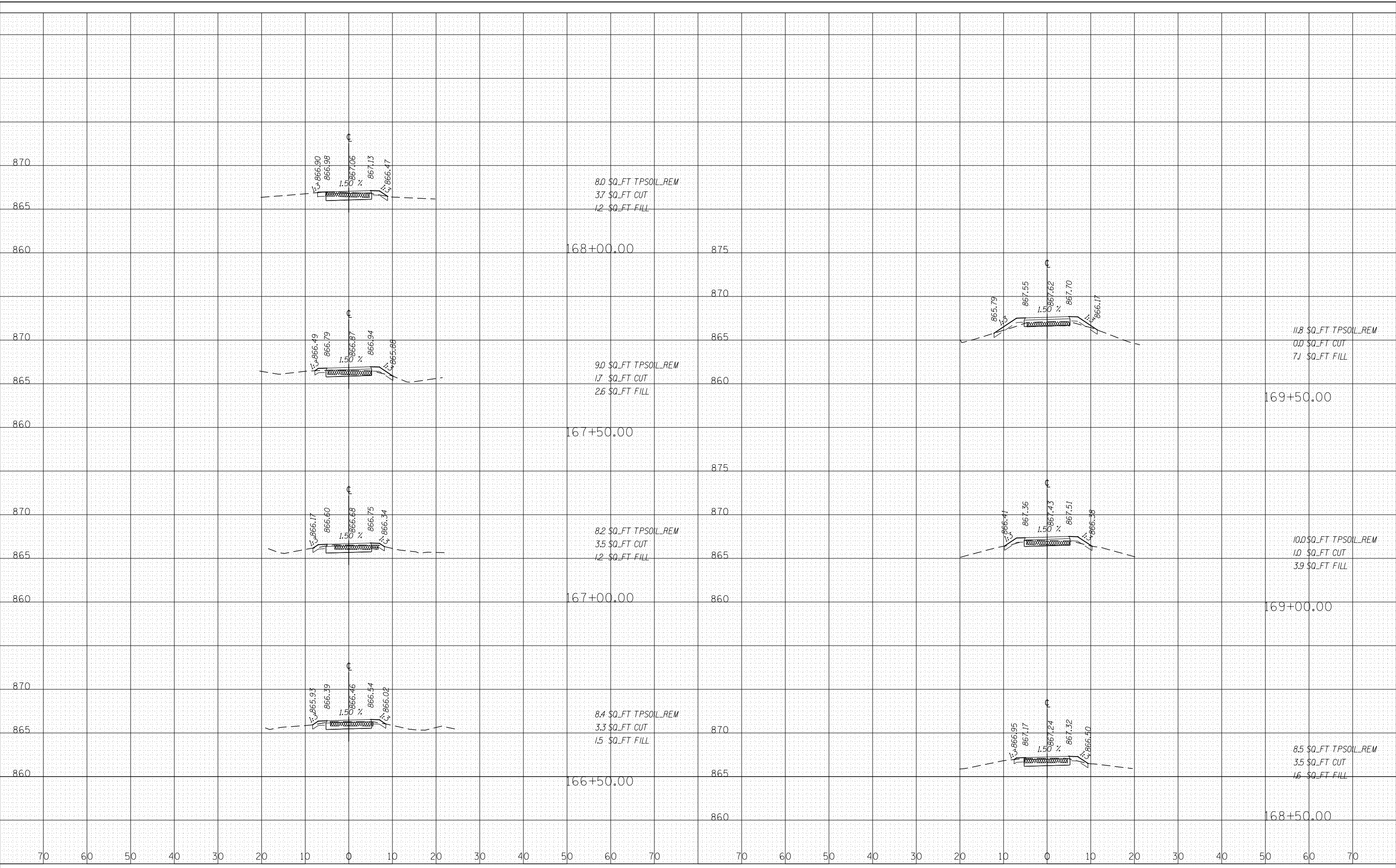
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|--------------|-------------------|
| USER NAME =  | bjholman          |
| FILE NAME =  | 130056-SHT-XS.dgn |
| PLOT SCALE = | 20.0000' / in.    |
| PLOT DATE =  | 7/9/2019          |

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| DESIGNED - | BJH      |
| DRAWN -    | BJH      |
| CHECKED -  |          |
| DATE -     | 7/9/2019 |

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| REVISED - |  |
| REVISED - |  |
| REVISED - |  |
| REVISED - |  |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
CROSS SECTIONS**

SCALE:  $\frac{H}{V} = \frac{1''}{10'}$  /  $\frac{V}{H} = \frac{1''}{5'}$  SHEET 6 OF 9 SHEETS STA. 166+50.00 TO STA. 169+50.00

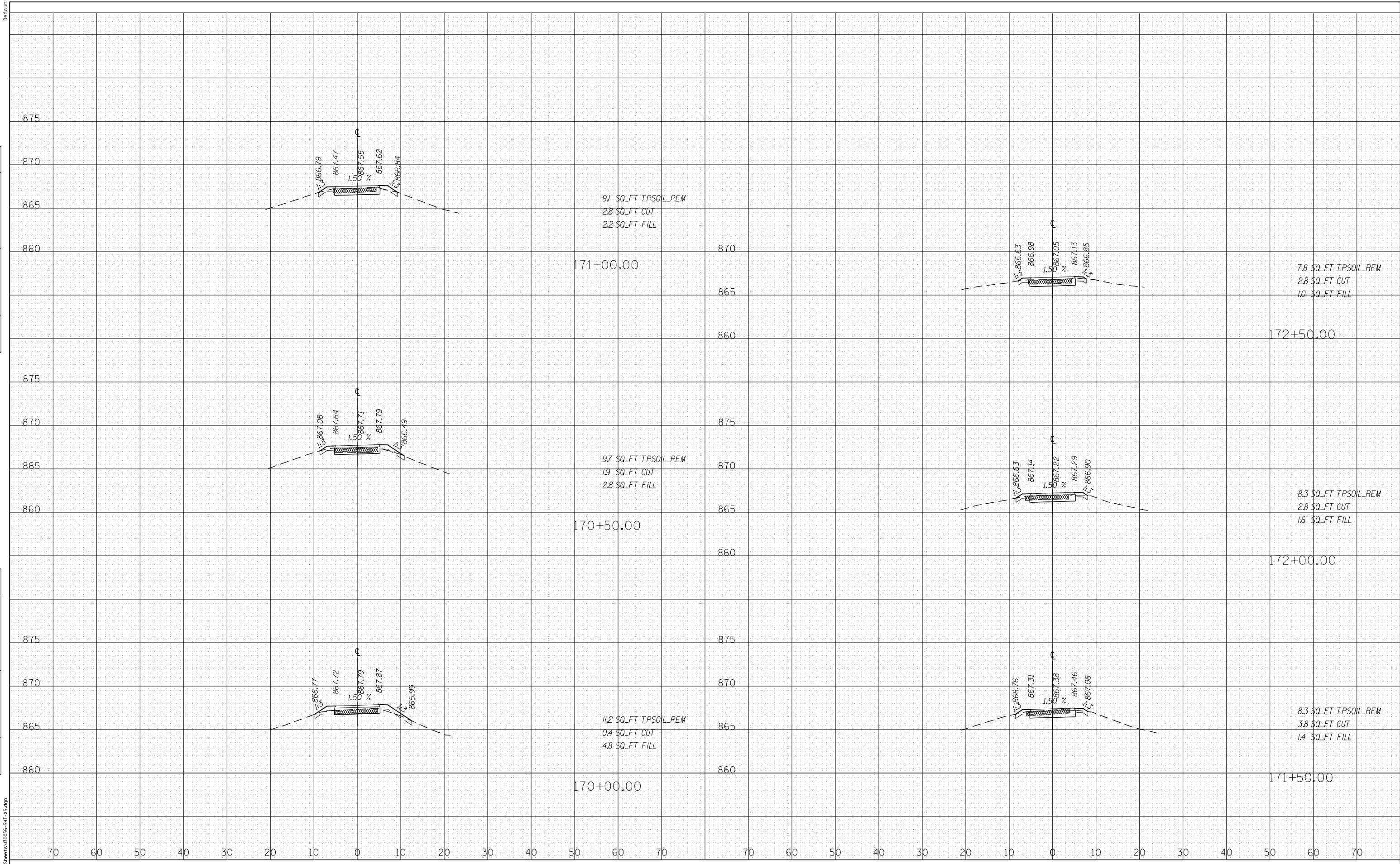
|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT            | COOK   | 23           | 20        |
| CONTRACT NO. 61F96        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

|                         |  |
|-------------------------|--|
| DATE                    |  |
| BY                      |  |
| FINISHED SURVEY         |  |
| PLOTTED TEMPLATE        |  |
| NOTE BOOK AREAS CHECKED |  |
| NO.                     |  |

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



g:\ch13\0561-cad\Speers\0561-SHT-XS.dgn



|                               |                 |           |
|-------------------------------|-----------------|-----------|
| USER NAME = bholman           | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-XS.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE = 20.0000' / in.   | CHECKED -       | REVISED - |
| PLOT DATE = 7/9/2019          | DATE - 7/9/2019 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
CROSS SECTIONS

SCALE: H: 1"=10'  
V: 1"=5'  
SHEET 7 OF 9 SHEETS STA. 170+00.00 TO STA. 172+50.00

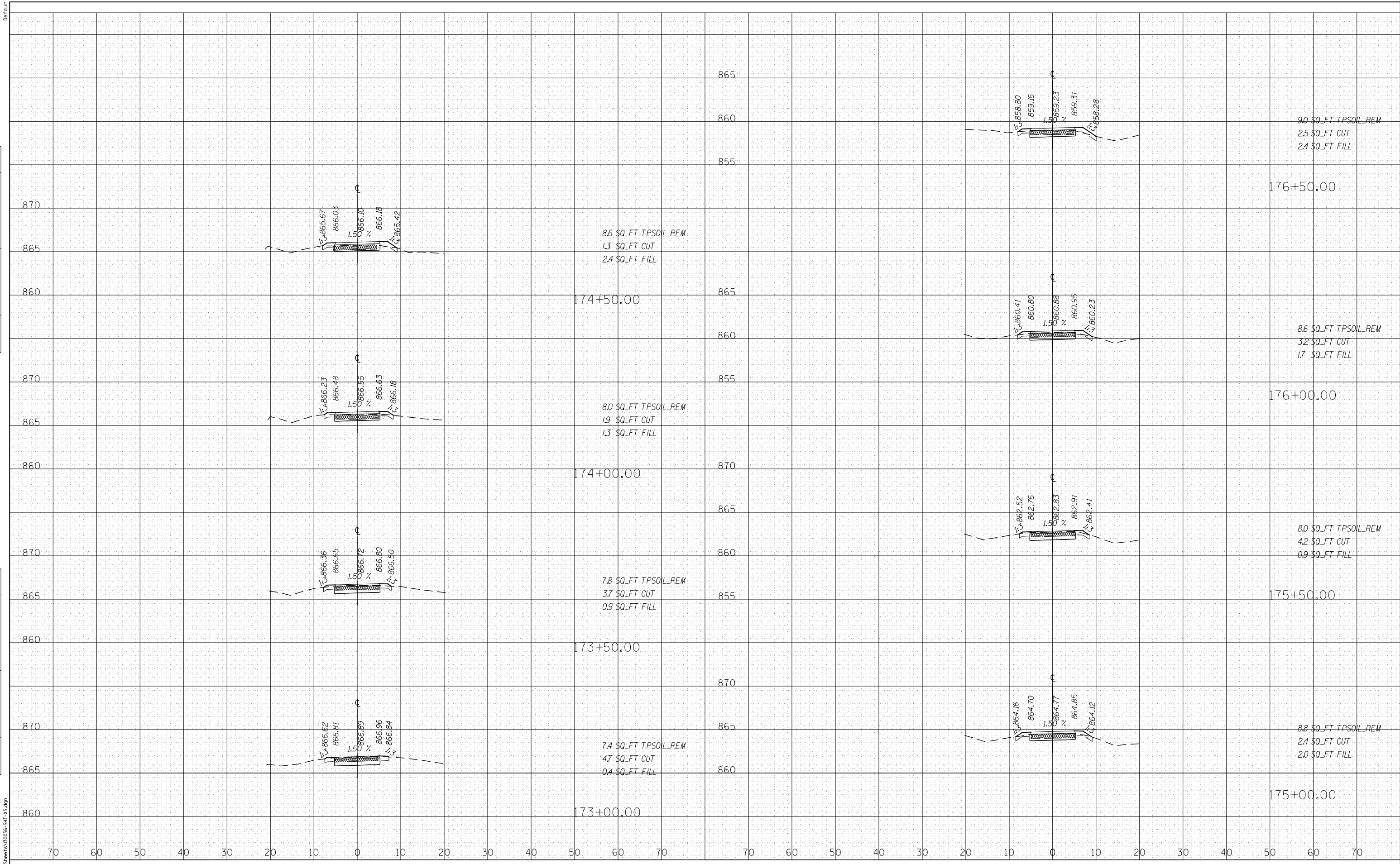
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|--------------------|--------|--------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT     | COOK   | 23           | 21        |
| CONTRACT NO. 61F96 |        |              |           |

ILLINOIS FED. AID PROJECT

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|-------------------------------|-----------------|-----------|
| USER NAME = bjholman          | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-XS.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE= 20.0000' / in.    | CHECKED -       | REVISED - |
| PLOT DATE = 7/9/2019          | DATE - 7/9/2019 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
CROSS SECTIONS

SCALE: H<sub>v</sub> 1"=10'  
V<sub>v</sub> 1"=5'  
SHEET 8 OF 9 SHEETS STA. 173+00.00 TO STA. 176+50.00

|                    |        |              |           |
|--------------------|--------|--------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT     | COOK   | 23           | 22        |
| CONTRACT NO. 61F96 |        |              |           |

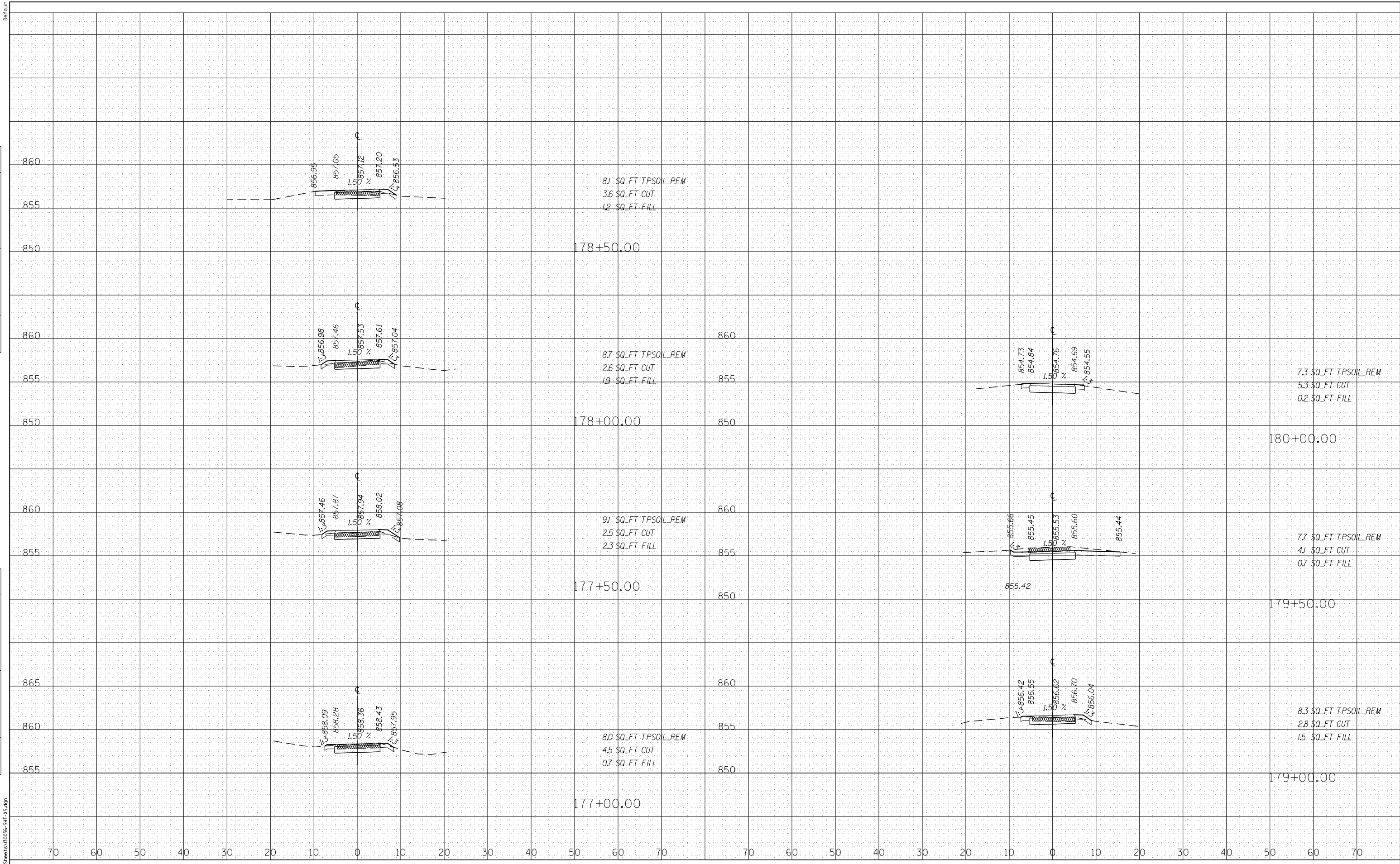
ILLINOIS FED. AID PROJECT

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| DATE                    |  |
| BY                      |  |
| FINISHED SURVEY         |  |
| PLOTTED TEMPLATE        |  |
| NOTE BOOK AREAS CHECKED |  |

|                         |  |
|-------------------------|--|
| DATE                    |  |
| BY                      |  |
| ORIGINAL SURVEY         |  |
| PLOTTED TEMPLATE        |  |
| NOTE BOOK AREAS CHECKED |  |



P:\c13\0251-cad\Speers\0205-SHT-XS.dgn



|                               |                 |           |
|-------------------------------|-----------------|-----------|
| USER NAME = bjhoman           | DESIGNED - BJH  | REVISED - |
| FILE NAME = 130056-SHT-XS.dgn | DRAWN - BJH     | REVISED - |
| PLOT SCALE= 20.0000' / in.    | CHECKED -       | REVISED - |
| PLOT DATE = 7/9/2019          | DATE - 7/9/2019 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHOE FACTORY ROAD / POPLAR CREEK TRAIL  
CROSS SECTIONS**

SCALE: H: 1"=10'  
V: 1"=5' SHEET 9 OF 9 SHEETS STA. 177+00.00 TO STA. 180+00.00

|                    |        |              |           |
|--------------------|--------|--------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS | SHEET NO. |
| 13-00091-00-BT     | COOK   | 23           | 23        |
| CONTRACT NO. 61F96 |        |              |           |

ILLINOIS FED. AID PROJECT