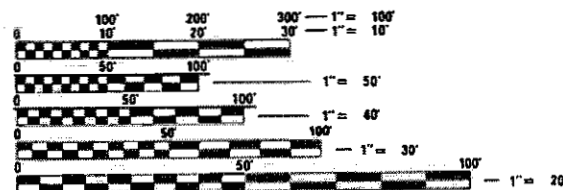


06-15-2018 LETTING ITEM 028

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
HIGHWAY STANDARDS, SEE SHEET NO. 2

TOWNSHIP: PORT BYRON  
SECTION: 25

PROJECT BEGINS STA 655+47  
PROJECT ENDS STA 672+85  
EX STRUCTURE NO. 081-1087  
PR STRUCTURE NO. 081-1143



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

PROJECT MANAGER: BRAD CUSHMAN 815-284-5996  
PROJECT ENGINEER: FAITH DUNCAN

CONTRACT NO. 64K06

ROCK ISLAND COUNTY

SECTION 111R

FAP ROUTE 308 (IL 84)

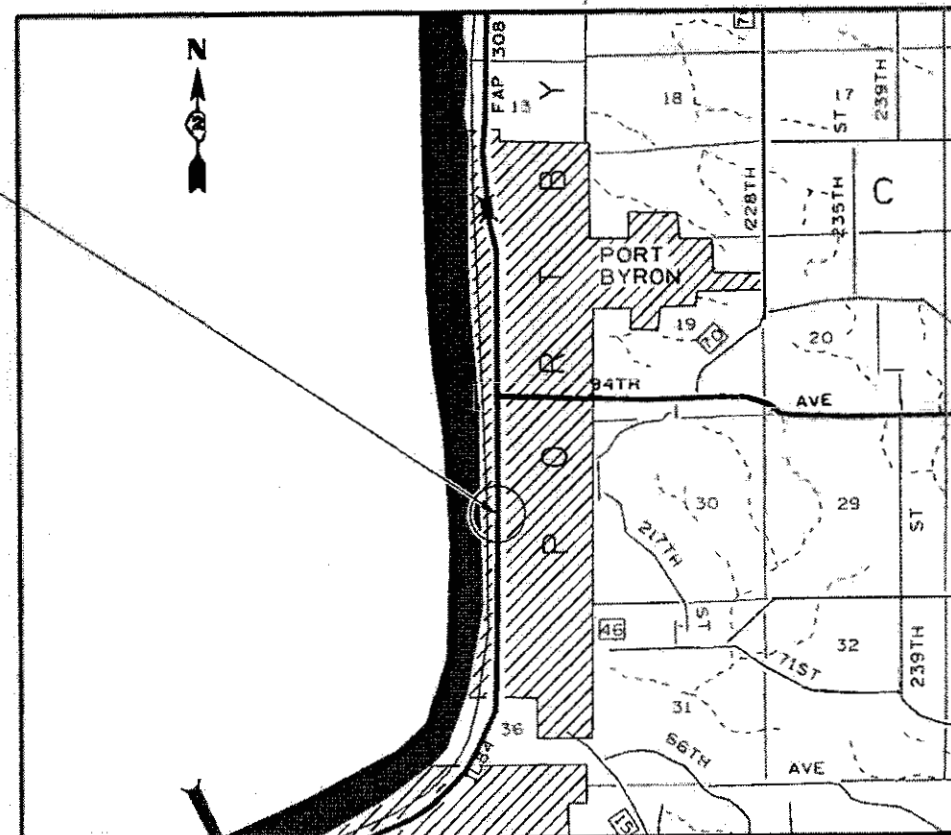
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 308 (IL 84)  
SECTION 111R  
PROJECT NHPP-1TA1(046)  
RECONSTRUCTION OF ROADWAY  
SHOULDERS AND SLOPES  
ROCK ISLAND COUNTY

C-92-013-17

R. 1 E.      R. 2 E.

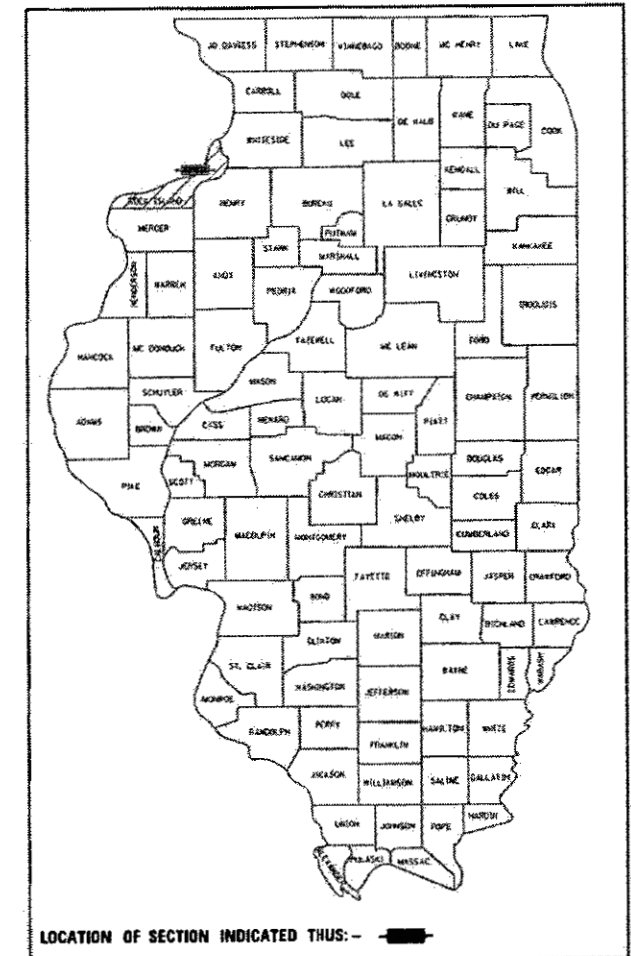


GROSS LENGTH = 1,747 FT. = 0.33 MILE  
NET LENGTH = 1,747 FT. = 0.33 MILE

T. 19 N.

| F.A.P. RTE. | SECTION | COUNTY      | TOTAL SHEETS       | SHEET NO. |
|-------------|---------|-------------|--------------------|-----------|
| 308         | 111R    | ROCK ISLAND | 122                | 1         |
|             |         | ILLINOIS    | CONTRACT NO. 64K06 |           |

D-92-017-14



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED March 14 2018  
*[Signature]*  
REGION ENGINEER

May 15 2018  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 21 2018  
*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

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**HIGHWAY STANDARDS**

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 001006-00 DECIMAL OF AN INCH AND A FOOT  
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS  
 420001-09 PAVEMENT JOINTS  
 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT  
 442101-08 CLASS B PATCHES  
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 542311-07 TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS  
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 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER  
 635001-02 DELINEATORS  
 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY  
 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE  
 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH  
 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS / HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|-------------|--------------|-----------|
| 36                        | 111R    | ROCK ISLAND | 117          | 2         |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

NHPP  
80% FED  
20% STATE  
URBAN  
0004

| CODE NUMBER | ITEM                                  | UNIT  | TOTAL QUANTITY |
|-------------|---------------------------------------|-------|----------------|
| 2010010     | TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT  | 779            |
| 20100210    | TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT  | 797            |
| 20200100    | EARTH EXCAVATION                      | CU YD | 1,365          |
| 20200200    | ROCK EXCAVATION                       | CU YD | 555            |
| 20400800    | FURNISHED EXCAVATION                  | CU YD | 11,260         |
| 20800150    | TRENCH BACKFILL                       | CU YD | 775            |
| * 25000100  | SEEDING, CLASS 1                      | ACRE  | 1.5            |
| * 25000312  | SEEDING, CLASS 4A                     | ACRE  | 0.5            |
| Δ 25000750  | MOWING                                | ACRE  | 1.5            |
| * 25100630  | EROSION CONTROL BLANKET               | SQ YD | 9,885          |
| * 25100900  | TURF REINFORCEMENT MAT                | SQ YD | 31             |
| 28000250    | TEMPORARY EROSION CONTROL SEEDING     | POUND | 600            |
| 28000305    | TEMPORARY DITCH CHECKS                | FOOT  | 60             |
| 28000400    | PERIMETER EROSION BARRIER             | FOOT  | 1,738          |

\* SPECIALTY ITEMS    Δ 100% STATE

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| PLOT DATE = Mar-07-2018 08:56:45 AM | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

|             |         |                           |              |           |
|-------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 308         | 111R    | ROCK ISLAND               | 117          | 3         |
|             |         | CONTRACT NO. 64K06        |              |           |
|             |         | ILLINOIS FED. AID PROJECT |              |           |

NHPP  
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20% STATE  
URBAN  
0004

| CODE NUMBER | ITEM   | UNIT  | TOTAL QUANTITY |
|-------------|--|-------|----------------|
| 28000500    | INLET & PIPE PROTECTION                            | EACH  | 15             |
| 28100107    | STONE RIPRAP, CLASS A4                             | SQ YD | 98             |
| 28200200    | FILTER FABRIC                                      | SQ YD | 98             |
| 30300112    | AGGREGATE SUBGRADE IMPROVEMENT 12"                 | SQ YD | 234            |
| 40201000    | AGGREGATE FOR TEMPORARY ACCESS                     | TON   | 138            |
| 40600275    | BITUMINOUS MATERIALS (PRIME COAT)                  | POUND | 426            |
| 40600290    | BITUMINOUS MATERIALS (TACK COAT)                   | POUND | 719            |
| 40603335    | HOT-MIX ASPHALT SURFACE COURSE MIX "D", N50        | TON   | 253            |
| 42000060    | WELDED WIRE REINFORCEMENT                          | SQ YD | 895            |
| 42300300    | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH | SQ YD | 338            |
| 44000100    | PAVEMENT REMOVAL                                   | SQ YD | 475            |
| 44000200    | DRIVEWAY PAVEMENT REMOVAL                          | SQ YD | 17             |
| 44000400    | GUTTER REMOVAL                                     | FOOT  | 1,155          |
| 44200964    | CLASS B PATCHES, TYPE IV, 9 INCH                   | SQ YD | 895            |

14

\* SPECIALTY ITEMS

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b> |  |  | F.A.P. RTE.<br>308                  | SECTION<br>111R | COUNTY<br>ROCK ISLAND | TOTAL SHEETS<br>117 | SHEET NO.<br>4 |
| PLOT SCALE = 100.0000' / in.        | CHECKED -  | REVISED - |   |                              |  |  | SCALE: SHEET OF SHEETS STA. TO STA. |                 |                       | CONTRACT NO. 64K06  |                |
| PLOT DATE = Mar-07-2018 08:57:05 AM | DATE -     | REVISED - |   |                              |  |  | ILLINOIS FED. AID PROJECT           |                 |                       |                     |                |



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20% STATE  
URBAN  
0004

| CODE NUMBER | ITEM  | UNIT  | TOTAL QUANTITY |
|-------------|---|-------|----------------|
| 44201299    | DOWEL BARS 1 1/2"                                       | EACH  | 88             |
| 44213200    | SAW CUTS  | FOOT  | 776            |
| 44213204    | TIE BARS 3/4"   | EACH  | 154            |
| 48203029    | HOT-MIX ASPHALT SHOULDERS, 8"                           | SQ YD | 136            |
| 50100300    | REMOVAL OF EXISTING STRUCTURES NO.1                     | EACH  | 1              |
| 51500100    | NAME PLATES   | EACH  | 1              |
| 54003000    | CONCRETE BOX CULVERTS                                   | CU YD | 77             |
| 542A2797    | PIPE CULVERTS, CLASS A, TYPE 4 72"                      | FOOT  | 142            |
| 54215472    | CAST-IN-PLACE REINFORCED CONCRETE END SECTION 72"       | EACH  | 1              |
| 54244405    | FLUSH INLET BOX FOR MEDIAN, STANDARD 542546             | EACH  | 1              |
| 550A0050    | STORM SEWERS, CLASS A, TYPE 1 12"                       | FOOT  | 269            |
| 550A0430    | STORM SEWERS, CLASS A, TYPE 2 30"                       | FOOT  | 84             |
| 60218400    | MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH  | 3              |
| 60219100    | MANHOLES, TYPE A, 4' DIAMETER, TYPE 9 FRAME AND GRATE   | EACH  | 1              |

\* SPECIALTY ITEMS

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|                                     | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS       | SHEET NO. |
|---------------------------|---------|-------------|--------------------|-----------|
| 308                       | 111R    | ROCK ISLAND | 117                | 5         |
|                           |         |             | CONTRACT NO. 64K06 |           |
| ILLINOIS FED. AID PROJECT |         |             |                    |           |

NHPP  
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20% STATE  
URBAN  
0004

| CODE NUMBER | ITEM  | UNIT   | TOTAL QUANTITY |
|-------------|---|--------|----------------|
| 60500060    | REMOVING INLETS                                   | EACH   | 4              |
| 60603800    | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | FOOT   | 217            |
| 60605000    | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | FOOT   | 1798           |
| 63200310    | GUARDRAIL REMOVAL                                 | FOOT   | 825            |
| 63500105    | DELINEATORS                                       | EACH   | 3              |
| * 66900200  | NON-SPECIAL WASTE DISPOSAL                        | CU YD  | 885            |
| * 66900450  | SPECIAL WASTE PLANS AND REPORTS                   | L SUM  | 1              |
| * 66900530  | SOIL DISPOSAL ANALYSIS                            | EACH   | 2              |
| 67000400    | ENGINEER'S FIELD OFFICE, TYPE A                   | CAL MO | 3              |
| 67100100    | MOBILIZATION                                      | L SUM  | 1              |
| 70100450    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201   | L SUM  | 1              |
| 70100460    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701306   | L SUM  | 1              |
| 70102620    | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501   | L SUM  | 1              |
| * 78001110  | PAINT PAVEMENT MARKING - LINE 4"                  | FOOT   | 3,394          |

14 \* SPECIALTY ITEMS

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

|                    |         |             |                           |           |
|--------------------|---------|-------------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION | COUNTY      | TOTAL SHEETS              | SHEET NO. |
| 308                | 111R    | ROCK ISLAND | 117                       | 6         |
| CONTRACT NO. 64K06 |         |             | ILLINOIS FED. AID PROJECT |           |

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20% STATE  
URBAN  
0004

| CODE NUMBER | ITEM   | UNIT  | TOTAL QUANTITY |
|-------------|--|-------|----------------|
| * 78001180  | PAINT PAVEMENT MARKING - LINE 24"  | FOOT  | 60             |
| * 78100100  | RAISED REFLECTIVE PAVEMENT MARKERS   | EACH  | 12             |
| * A2000114  | TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH  | 23             |
| * A2005814  | TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 1-3/4" CALIPER, BALLED AND BURLAPPED                           | EACH  | 22             |
| * A2006514  | TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED                          | EACH  | 22             |
| * A2006814  | TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED                      | EACH  | 22             |
| * B2005014  | TREE, MALUS PRAIRIFIRE (SNOWDRIFT CRABAPPLE), 1-3/4" CALIPER, TREE FORM, BALLED AND BURLAPPED          | EACH  | 22             |
| X0323660    | DROP BOX NO.1  | EACH  | 1              |
| * X1900007  | SEEDING, CLASS 5C  | ACRE  | 0.5            |
| X4401198    | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH  | SQ YD | 483            |
| X5015225    | PIPE CULVERT REMOVAL (SPECIAL)   | FOOT  | 44             |
| X5429311    | TRAVERSABLE PIPE GRATE, SPECIAL  | FOOT  | 23             |
| X6024240    | INLETS, SPECIAL  | EACH  | 1              |
| X6024246    | INLETS, SPECIAL, NO.3  | EACH  | 6              |

14

\* SPECIALTY ITEMS

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| PLOT DATE = Mar-07-2018 08:57:55 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

| SUMMARY OF QUANTITIES |       |    |        |
|-----------------------|-------|----|--------|
| SCALE:                | SHEET | OF | SHEETS |
|                       |       |    |        |

|                           |                 |                       |                     |                |
|---------------------------|-----------------|-----------------------|---------------------|----------------|
| F.A.P. RTE.<br>308        | SECTION<br>111R | COUNTY<br>ROCK ISLAND | TOTAL SHEETS<br>117 | SHEET NO.<br>7 |
| CONTRACT NO. 64K06        |                 |                       |                     |                |
| ILLINOIS FED. AID PROJECT |                 |                       |                     |                |

NHPP  
80% FED  
20% STATE  
URBAN  
0004

| CODE NUMBER | ITEM   | UNIT  | TOTAL QUANTITY |
|-------------|--|-------|----------------|
| X6024250    | INLETS, SPECIAL, NO.5  | EACH  | 4              |
| X6062700    | CONCRETE GUTTER, TYPE A (SPECIAL)                            | FOOT  | 16             |
| X7010216    | TRAFFIC CONTROL AND PROTECTION (SPECIAL)                     | L SUM | 1              |
| Z0007601    | BUILDING REMOVAL NO.1  | LSUM  | 1              |
| Z0007602    | BUILDING REMOVAL NO.2  | LSUM  | 1              |
| Z0007603    | BUILDING REMOVAL NO.3  | LSUM  | 1              |
| Z0007604    | BUILDING REMOVAL NO.4  | LSUM  | 1              |
| Z0007605    | BUILDING REMOVAL NO.5  | LSUM  | 1              |
| Z0013798    | CONSTRUCTION LAYOUT  | L SUM | 1              |
| Z0019500    | DRYWELL  | EACH  | 1              |
| Z0023600    | FILLING EXISTING CULVERTS                                    | EACH  | 1              |
| * Z0025505  | PROPERTY MARKERS   | EACH  | 9              |
| * Z0049902  | REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 2 | L SUM | 1              |
| * Z0054500  | ROCK FILL  | TON   | 234            |
| Z0056620    | STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH                | FOOT  | 657            |

\* SPECIALTY ITEMS

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| USER NAME = cushmanbw              | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITES</b> | F.A.P. RATE:       | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 100.0000' / in.       | DRAWN -    | REVISED - |   |                             | 308                | 111R    | ROCK ISLAND               | 117          | 8         |
| PLOT DATE = Ma-07-2018 08:58:09 AM | CHECKED -  | REVISED - |   |                             | CONTRACT NO. 64K06 |         | ILLINOIS FED. AID PROJECT |              |           |

| CODE NUMBER | ITEM                                     | UNIT | URBAN                        | URBAN                          |
|-------------|--|------|------------------------------|--------------------------------|
|             |  |      | 80% FED<br>20% STATE<br>0004 | 100% CITY<br>UTILITIES<br>0043 |
|             |  |      | TOTAL<br>QUANTITY            | TOTAL<br>QUANTITY              |
| 56100004    | DUCTILE IRON WATER MAIN TEE, 6" X 4"     | EACH |                              | 1                              |
| 56100005    | DUCTILE IRON WATER MAIN TEE, 6" X 6"     | EACH |                              | 2                              |
| 56100500    | WATER MAIN 4"                            | FOOT |                              | 12                             |
| 56100600    | WATER MAIN 6"                            | FOOT |                              | 646                            |
| 56101146    | DUCTILE IRON WATER MAIN REDUCER, 6" X 4" | EACH |                              | 1                              |
| 56103000    | DUCTILE IRON WATER MAIN 6"               | FOOT |                              | 8                              |
| 56104900    | WATER VALVES 6"                          | EACH |                              | 4                              |
| 56200300    | WATER SERVICE LINE 1"                    | FOOT |                              | 108                            |
| 56201400    | CORPORATION STOPS 1"                     | EACH |                              | 5                              |
| 56400700    | FIRE HYDRANTS (SPECIAL)                  | EACH |                              | 2                              |
| X5610654    | WATER MAIN TO BE ABANDONED, 4"           | FOOT |                              | 635                            |
| X5620112    | WATER SERVICE CONNECTION                 | EACH |                              | 5                              |
| X5630704    | CONNECTION TO EXISTING WATER MAIN, 4"    | EACH |                              | 2                              |
| Z0015000    | CURB STOP 1"                             | EACH |                              | 4                              |

\* SPECIALTY ITEMS

MODEL: Default  
FILE NAME: p:\1108\BENTON\INTEG\Illinois.gov\PROJECT\Documents\DOT\_Offices\District 2\Projects\SP2017\11A\CAD\DATA\CA\Sheet\SD201714-SHK-500.dgn

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 100.0000' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = May-15-2018 09:32:01 AM | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 8A        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



# GENERAL NOTES

The cost of making storm sewer connections to existing drainage structures shall be included in the various contract unit prices for STORM SEWER.

The cost of removing existing Storm Sewer during the installation of new storm sewers shall be included in the contract unit price for the STORM SEWER being installed.

Lateral distances from the centerline on all inlets are to the face of the inlet.

The new manhole lids on this project shall have the word "STORM", "SANITARY", or "WATER" on the lid. The word to be used is noted on the plans. It will be the Contractor's responsibility to determine the word to be used on other lids not noted on the plans. No additional compensation will be allowed for this work.

All proposed manholes on this project shall be cast-in-place or precast. This work will be paid for at the contract unit price Each for MANHOLE of the type and size specified.

The Contractor shall determine flowlines of existing sewer lines which are shown on the plans as estimated or unknown. This information is necessary before ordering inlets and manholes.

The excavated materials from earth excavation widening, grading and shaping ditches, and excavating and grading shoulders shall be used to build up the shoulder throughout the job to conform with the typical sections and shoulder widening for terminals as shown on the plans.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

Tree planting layout shall be performed by the District Roadside Management Specialist. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

Excess trees that cannot be planted along the IL 84 project limits shall be planted at alternative locations in Rock Island or Henry County as determined by the District Roadside Management Specialist.

All gutter outlets shall be extended to ditch flow as directed by the Engineer.

The Contractor shall place contraction joint in prolongation with joints in the existing pavement. The joint shall be a sawed contraction joint with dowel bar assembly as shown on Highway Standard 420001. The cost for this work shall be included in the contract unit price for the P.C.C. BASE COURSE.

Any subcontractor chosen to do underground storage tank removal and/or special or hazardous waste management must be on the State Fire Marshall's currently approved list of qualified contractors to do such work. Prior to any involvement with special or hazardous waste, the prime contractor shall notify the District Environment Unit Hazardous Waste Coordinator who this designated sub-contractor is and furnish five projects this sub-contractor has successfully concluded, including the IEPA incident number. The District will then confirm the successful conclusion of these projects by reviewing the IEPA data base. Only after approval from the District Environment Unit will the sub-contractor be authorized to proceed with any involvement with special/hazardous waste.

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

|   |  |
|---|--|
| <p><b>MidAmerican Energy Company 563-333-8706</b><br/> <b>Mediacom 309-743-4750</b><br/> <b>Frontier (North) 815-544-6171</b></p> | <p><b>Mediacom 309-944-0139</b><br/> <b>Village of Port Byron 309-523-3705</b></p> |
|---|--|

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete pavement.

| Tie the following to the existing concrete pavement |             | Length, size, and spacing of Tie Bars |
|---|-------------|---------------------------------------|
| Gutter or Curb & Gutter                             | Std. 606001 | 24" long No. 6 @ 24" centers          |
| PCC Base Course                                     | Std. 353001 | 24" long No. 6 @ 30" centers          |
| PCC Pavement  | Std. 420101 | 24" long No. 6 @ 30" centers          |

Tie bars to be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

From Sta. 670+25 to 672+00 LT all sloped rock surfaces shall be benched prior to embankment and paid for as ROCK EXCAVATION and disposed of using NON-SPECIAL WASTE DISPOSAL. Any loose talus at the base of the rock face shall be removed using EARTH EXCAVATION. All excavation within this area will be disposed of using NON-SPECIAL WASTE DISPOSAL. Please see cross sections for areas.

|                           |                              |                                |                           |   |                    |                     |  |              |                       |         |             |              |           |
|---------------------------|------------------------------|--------------------------------|---------------------------|---|--------------------|---------------------|--|--------------|-----------------------|---------|-------------|--------------|-----------|
| FILE NAME = 64K06.GN.DOTX | USER NAME =                  | DESIGNED - Engineering Systems | REVISED -                 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | GENERAL NOTES      |                     |  |              | FAP                   | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|                           | PLOT SCALE =                 | DRAWN -                        | REVISED -                 |   |                    |                     |  |              | FAP Route 308 (IL 84) | 111R    | Rock Island | 117          | 10        |
|                           | PLOT DATE = 3/7/2018 2:00 PM | CHECKED -                      | REVISED -                 |   | CONTRACT NO. 64K06 |                     |  |              |                       |         |             |              |           |
|                           | DATE = 1/2/2018 1:08 PM      | REVISED -                      | ILLINOIS FED. AID PROJECT |   |                    |                     |  |              |                       |         |             |              |           |
|                           |                              |                                |                           | SCALE:  |                    | SHEET NO. OF SHEETS |  | STA. TO STA. |                       |         |             |              |           |

# GENERAL NOTES

The removal of Bituminous Surfacing less than 6-inch thickness not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Bituminous Surfacing on a rigid type base or a thickness of 6 inches or more on a flexible base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

All embankment constructed of cohesive soil shall be constructed with not more than 110% of optimum moisture content, determined by the standard proctor test. Cohesive soil shall be defined as any soil which contains greater than 10% particles by weight passing the 75 μm (#200 sieve). The 110% of optimum moisture limit may be waived in free-draining granular material when approved by the Engineer.

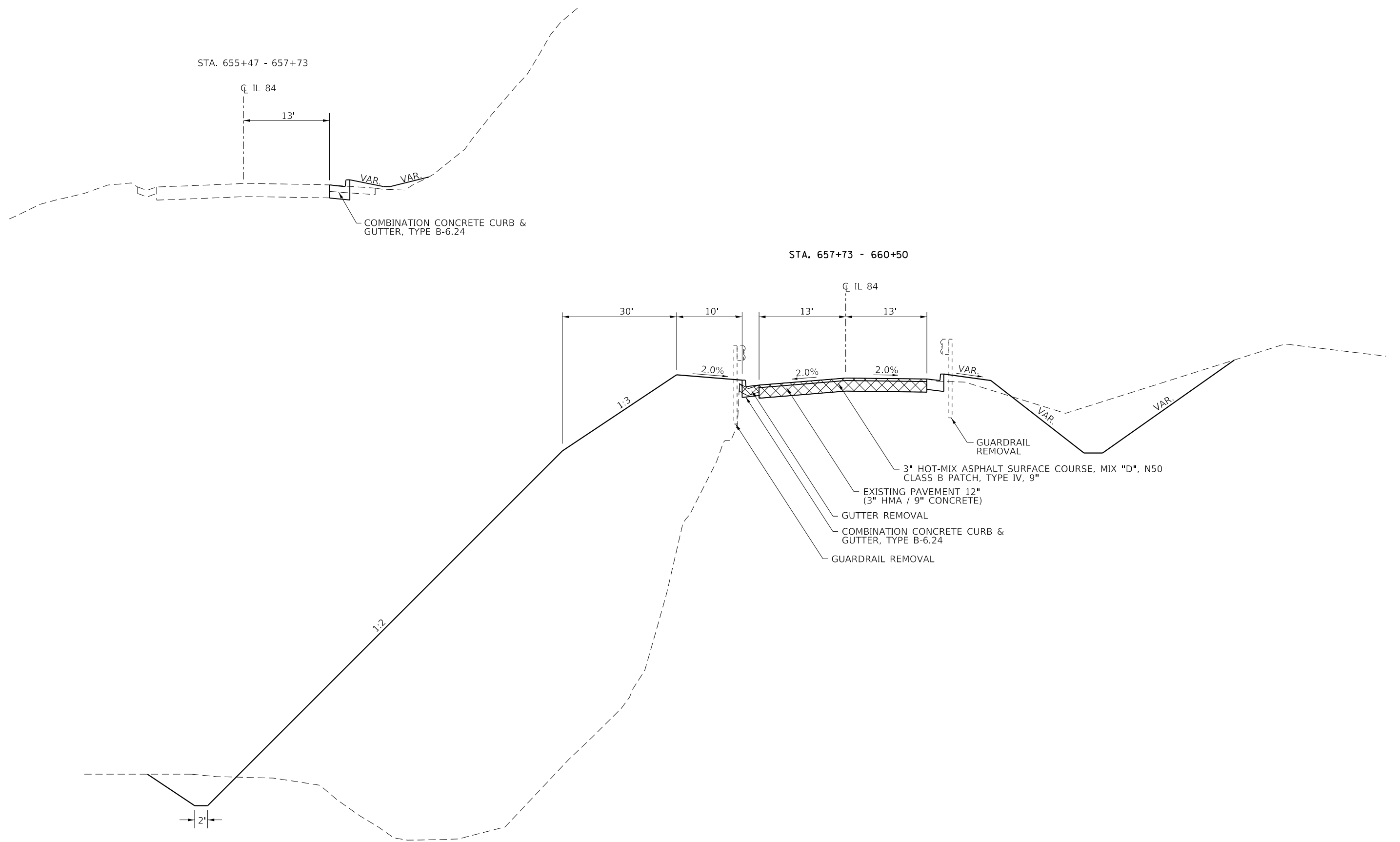
**COMMITMENT:**

A video tape, with sound track, will be made by the Bureau of Project Implementation of the selected routes, prior to construction initiation with representatives of the jurisdictional agencies present, to ascertain its conditions and of any concerns expressed. At the end of use of the detour for the project, the Bureau of Project Implementation, with the appropriate local officials present, will again video tape, with soundtrack, the local agency routes to record the condition of the route and document any need for repair.

At the end of use of the detour for the project and it is noticeable that damage is done all costs to repair known areas with be covered under Article 109.04 of the Standard Specifications, and are for repairs of documented damages only and are not to be construed as items to be used for a total rehabilitation of the local road. Selection of another route after the contract is awarded will be ineligible for repairs under this policy.

|                           |                              |                                |           |   |                      |                       |                     |              |                 |                  |  |
|---------------------------|------------------------------|--------------------------------|-----------|---|----------------------|-----------------------|---------------------|--------------|-----------------|------------------|--|
| FILE NAME = 64K06.GN.DOTX | USER NAME =                  | DESIGNED - Engineering Systems | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>GENERAL NOTES</b> | FA<br>SHEET           | SECTION             | COUNTY       | TOTAL<br>SHEETS | SHEET<br>NO.     |  |
|                           |                              | DRAWN -                        | REVISED - |   |                      | FAP Route 308 (IL 84) | 111R                | Rock Island  | 117             | 11               |  |
|                           | PLOT SCALE =                 | CHECKED -                      | REVISED - |   |                      | CONTRACT NO. 64K06    |                     |              |                 |                  |  |
|                           | PLOT DATE = 3/7/2018 2:00 PM | DATE = 1/2/2018 1:08 PM        | REVISED - |   |                      | SCALE:                | SHEET NO. OF SHEETS | STA. TO STA. | ILLINOIS        | FED. AID PROJECT |  |



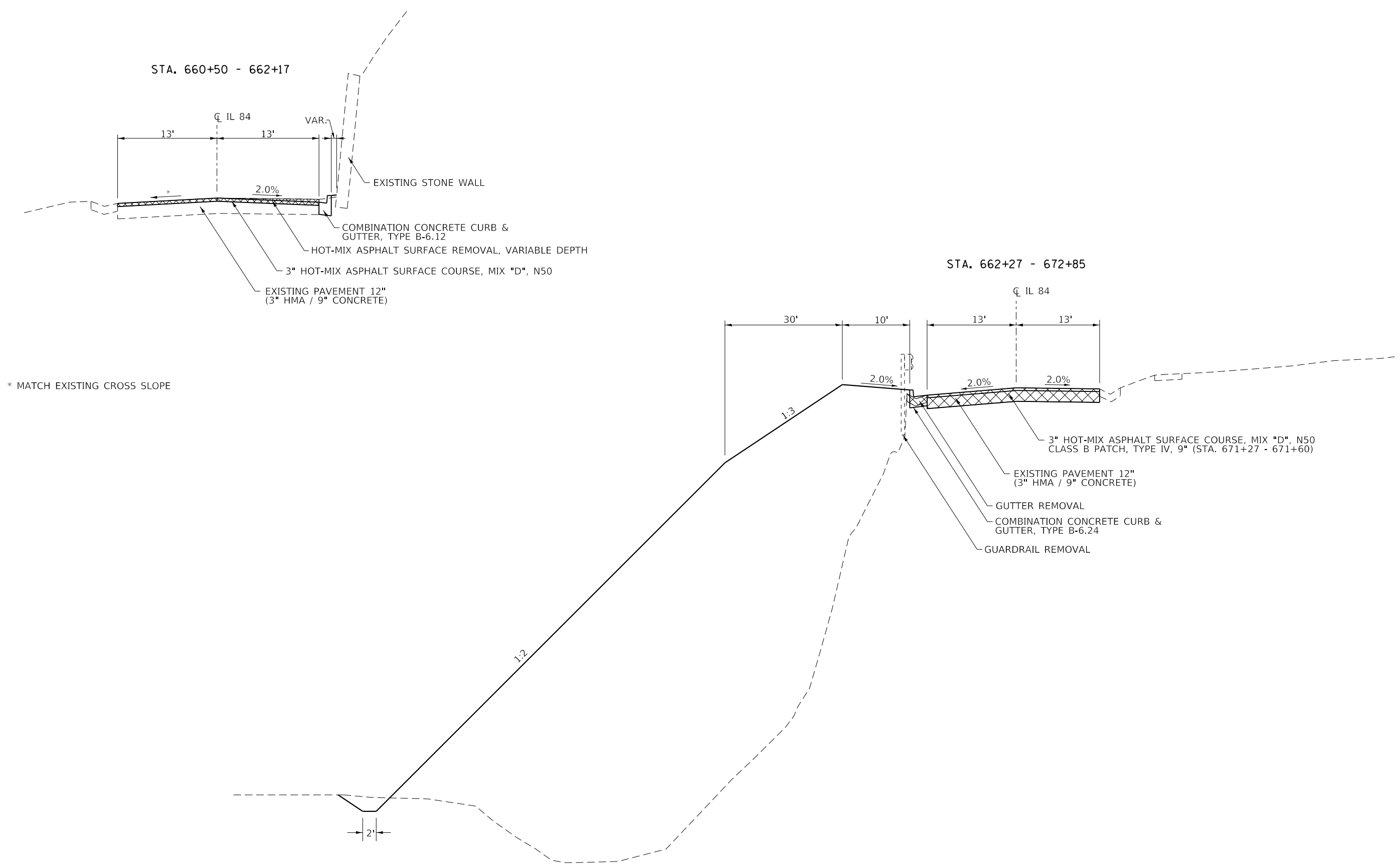


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|  | PLOT SCALE = 100:1 ' / in.          | CHECKED -  | REVISED - |
|  | PLOT DATE = Mar-06-2018 12:59:23 PM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

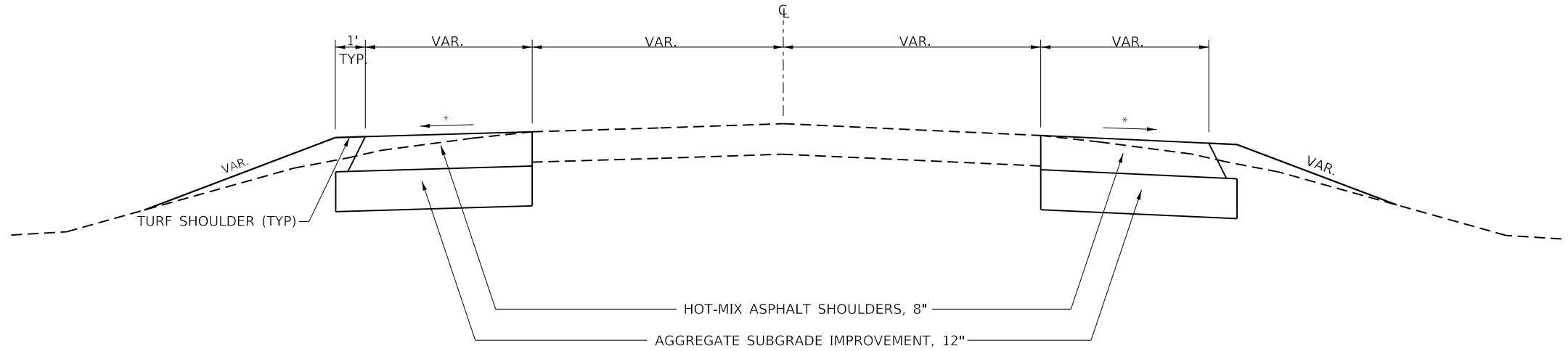
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| <b>TYPICAL SECTIONS</b> |           |           |              |
| SCALE:                  | SHEET NO. | OF SHEETS | STA. TO STA. |

| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|-------------|--------------|-----------|
| 308                       | 111R    | ROCK ISLAND | 117          | 12        |
| <b>CONTRACT NO. 64K06</b> |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



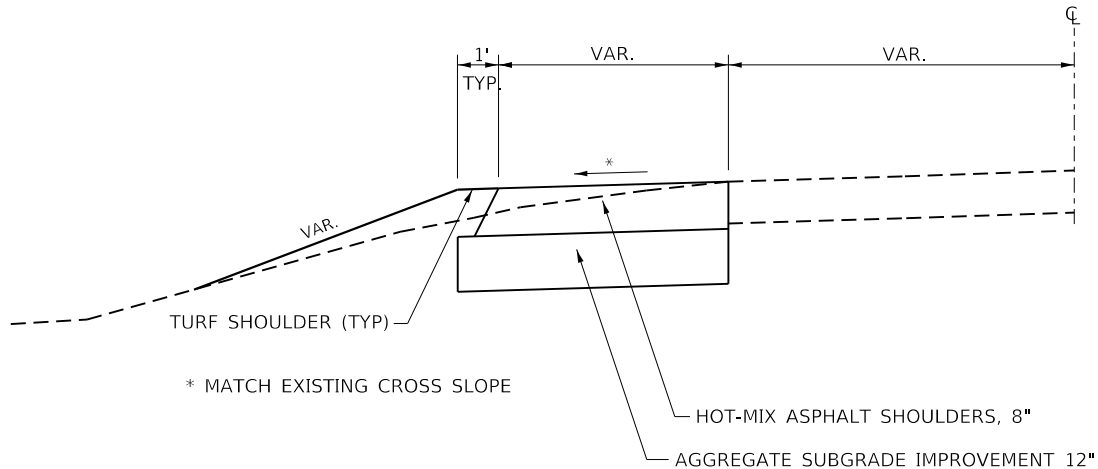
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|--|-----------------------|------------|-----------|---|---------------------------|-----------|-----------|-------------|---------|---------------------------|--------------|-----------|
| FILE NAME =  | USER NAME = cushmenbw | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TYPICAL SECTIONS</b>   |           |           | F.A.P. RTE. | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P207\DRAWING\CAD\Sheets\0201714-sht-typical.dwg | 7                     | 7          | 7         |   |                           |           |           | 308         | 111R    | ROCK ISLAND               | 117          | 13        |
| PLOT SCALE = 100:1 ' / in.   | CHECKED -             | REVISED -  | REVISED - |   | <b>CONTRACT NO. 64K06</b> |           |           |             |         |                           |              |           |
| PLOT DATE = Mar-06-2018 12:59:46 PM  | DATE -                | REVISED -  | REVISED - |   | SCALE:                    | SHEET NO. | OF SHEETS | STA.        | TO STA. | ILLINOIS FED. AID PROJECT |              |           |

94TH AVE. N / 256TH ST. N



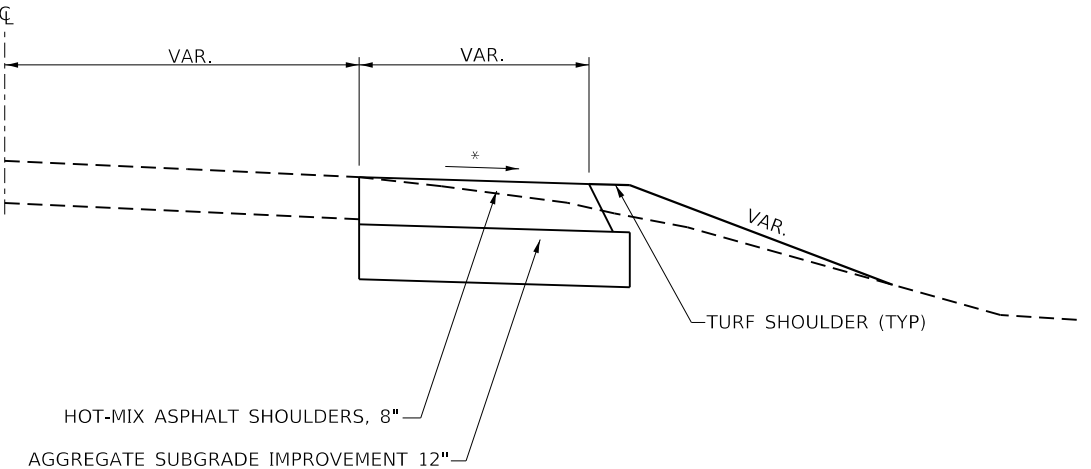
\* MATCH EXISTING CROSS SLOPE

71ST AVE. N / 256TH ST. N



\* MATCH EXISTING CROSS SLOPE

IL 84 / 71ST. AVE. N



|  |                       |            |           |
|--|-----------------------|------------|-----------|
| FILE NAME =  | USER NAME = cushmenbw | DESIGNED - | REVISED - |
| p:\ILL084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\2207\DRAWING\02\256TH ST\Typical | 7/25/2017 10:25:23 AM | CHECKED -  | REVISED - |
|  |                       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

| TYPICAL SECTIONS |           |           |              |
|------------------|-----------|-----------|--------------|
| SCALE:           | SHEET NO. | OF SHEETS | STA. TO STA. |

|                           |         |             |              |                           |
|---------------------------|---------|-------------|--------------|---------------------------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO.                 |
| 308                       | 111R    | ROCK ISLAND | 117          | 14                        |
| ILLINOIS FED. AID PROJECT |         |             |              | <b>CONTRACT NO. 64K06</b> |

20100110

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION

UNITS

COMMENTS

|               |                |    |
|---------------|----------------|----|
| STA 657+90.59 | 33.4' RT IL 84 | 12 |
| STA 657+94.80 | 60.7' RT IL 84 | 10 |
| STA 657+99.92 | 43.2' RT IL 84 | 8  |
| STA 658+07.20 | 64.9' RT IL 84 | 14 |
| STA 658+17.07 | 38.5' RT IL 84 | 10 |
| STA 658+21.13 | 48.7' RT IL 84 | 8  |
| STA 658+89.23 | 49.9' LT IL 84 | 9  |
| STA 658+91.75 | 50.5' LT IL 84 | 11 |
| STA 658+97.09 | 56.2' LT IL 84 | 12 |
| STA 659+11.07 | 122.1' L IL 84 | 9  |
| STA 659+13.01 | 129.2' L IL 84 | 6  |
| STA 659+32.17 | 119.1' L IL 84 | 7  |
| STA 659+14.43 | 65.8' LT IL 84 | 14 |
| STA 657+57.37 | 44.2' LT IL 84 | 10 |
| STA 659+66.30 | 30.2' LT IL 84 | 14 |
| STA 662+89.56 | 81.5' LT IL 84 | 13 |
| STA 663+76.54 | 87.8' LT IL 84 | 12 |
| STA 663+86.54 | 75.3' LT IL 84 | 14 |
| STA 663+89.97 | 89.4' LT IL 84 | 10 |
| STA 663+90.71 | 83.2' LT IL 84 | 14 |
| STA 663+93.47 | 70.3' LT IL 84 | 10 |
| STA 663+95.84 | 81.7' LT IL 84 | 12 |
| STA 664+23.85 | 30.3' LT IL 84 | 8  |
| STA 664+26.86 | 46.9' LT IL 84 | 8  |
| STA 670+09.27 | 85.1' LT IL 84 | 8  |
| STA 670+14.05 | 70.9' LT IL 84 | 8  |
| STA 670+24.59 | 46.8' LT IL 84 | 8  |
| STA 670+33.34 | 55' LT IL 84   | 14 |
| STA 670+34.99 | 48.6' LT IL 84 | 8  |
| STA 670+43.93 | 40.3' LT IL 84 | 11 |
| STA 670+51.58 | 35' LT IL 84   | 10 |
| STA 670+53.71 | 35.2' LT IL 84 | 6  |
| STA 670+71.42 | 33.8' LT IL 84 | 11 |
| STA 670+72.08 | 29.1' LT IL 84 | 8  |
| STA 670+72.78 | 32.2' LT IL 84 | 11 |
| STA 670+73.32 | 46.4' LT IL 84 | 8  |
| STA 670+75.17 | 33.2' LT IL 84 | 12 |
| STA 670+77.75 | 31.3' LT IL 84 | 12 |
| STA 670+81.38 | 42.5' LT IL 84 | 10 |
| STA 670+83.00 | 45.2' LT IL 84 | 14 |
| STA 670+83.60 | 44.6' LT IL 84 | 10 |
| STA 670+85.20 | 34.1' LT IL 84 | 14 |
| STA 670+91.70 | 34.5' LT IL 84 | 10 |
| STA 670+92.56 | 35.7' LT IL 84 | 14 |
| STA 670+94.54 | 44.1' LT IL 84 | 8  |
| STA 671+09.63 | 28.3' LT IL 84 | 8  |
| STA 671+16.48 | 26.1' LT IL 84 | 8  |
| STA 671+34.74 | 41.3' LT IL 84 | 9  |
| STA 671+38.87 | 23.3' LT IL 84 | 8  |
| STA 671+50.90 | 19.9' LT IL 84 | 8  |
| STA 671+52.65 | 20.6' LT IL 84 | 8  |
| STA 671+55.40 | 42.3' LT IL 84 | 12 |
| STA 671+56.54 | 43.7' LT IL 84 | 10 |
| STA 671+58.54 | 39.5' LT IL 84 | 14 |
| STA 671+73.96 | 23.9' LT IL 84 | 10 |
| STA 671+76.29 | 36.5' LT IL 84 | 12 |
| STA 671+83.24 | 32.4' LT IL 84 | 11 |
| STA 672+00.86 | 26.0' LT IL 84 | 8  |
| STA 672+02.13 | 51.7' LT IL 84 | 7  |
| STA 672+04.69 | 34.3' LT IL 84 | 8  |

|               |                |    |
|---------------|----------------|----|
| STA 672+05.26 | 35.1' LT IL 84 | 8  |
| STA 672+10.11 | 48.7' LT IL 84 | 8  |
| STA 672+09.90 | 59.2' LT IL 84 | 8  |
| STA 672+10.33 | 59.9' LT IL 84 | 14 |
| STA 672+12.75 | 67.4' LT IL 84 | 8  |
| STA 672+20.23 | 27.5' LT IL 84 | 10 |
| STA 672+24.18 | 62.3' LT IL 84 | 7  |
| STA 672+22.34 | 27.3' LT IL 84 | 9  |
| STA 672+26.33 | 28.2' LT IL 84 | 14 |
| STA 672+27.05 | 41.1' LT IL 84 | 8  |
| STA 672+27.83 | 42.6' LT IL 84 | 10 |
| STA 672+27.96 | 60.7' LT IL 84 | 7  |
| STA 672+30.45 | 60.0' LT IL 84 | 9  |
| STA 672+31.33 | 37.4' LT IL 84 | 8  |
| STA 672+33.70 | 32' LT IL 84   | 12 |
| STA 672+32.34 | 26.7' LT IL 84 | 14 |
| STA 672+33.75 | 25.4' LT IL 84 | 14 |

TOTAL 779

20100210

TREE REMOVAL (OVER 15 UNITS DIAMETER)

LOCATION

UNITS

COMMENTS

|               |                |    |
|---------------|----------------|----|
| STA 657+86.92 | 34' RT IL 84   | 26 |
| STA 657+87.75 | 51.4' RT IL 84 | 16 |
| STA 657+95.24 | 31.5' RT IL 84 | 34 |
| STA 657+98.91 | 31.7' RT IL 84 | 17 |
| STA 658+02.59 | 61.8' RT IL 84 | 22 |
| STA 658+10.60 | 45.2' RT IL 84 | 26 |
| STA 658+11.09 | 32.3' RT IL 84 | 18 |
| STA 658+71.70 | 31.9' LT IL 84 | 36 |
| STA 658+74.03 | 32.9' LT IL 84 | 30 |
| STA 658+90.71 | 47' LT IL 84   | 18 |
| STA 658+95.37 | 55.2' LT IL 84 | 17 |
| STA 659+11.61 | 111.2' L IL 84 | 22 |
| STA 659+19.69 | 123.5' L IL 84 | 24 |
| STA 659+28.69 | 124.2' L IL 84 | 21 |
| STA 659+20.97 | 47.5' LT IL 84 | 20 |
| STA 659+24.60 | 70.8' LT IL 84 | 24 |
| STA 659+26.20 | 84.2' LT IL 84 | 20 |
| STA 659+33.45 | 36.2' LT IL 84 | 34 |
| STA 659+38.54 | 40.6' LT IL 84 | 18 |
| STA 659+50.29 | 66.4' LT IL 84 | 38 |
| STA 659+59.63 | 33' LT IL 84   | 26 |
| STA 662+74    | 29.9' LT IL 84 | 20 |
| STA 663+34.65 | 55.7' LT IL 84 | 20 |
| STA 663+74.07 | 86.6' LT IL 84 | 20 |
| STA 663+79.34 | 53.3' LT IL 84 | 17 |
| STA 663+94.06 | 71.4' LT IL 84 | 16 |
| STA 663+98.67 | 75.2' LT IL 84 | 17 |
| STA 670+35.79 | 83.1' LT IL 84 | 16 |
| STA 670+37.51 | 80.3' LT IL 84 | 16 |
| STA 670+86.31 | 35.5' LT IL 84 | 18 |
| STA 670+92.85 | 33.5' LT IL 84 | 16 |
| STA 671+35.11 | 40.8' LT IL 84 | 16 |
| STA 671+78.94 | 38' LT IL 84   | 18 |
| STA 671+78.45 | 61.1' LT IL 84 | 22 |
| STA 671+84.20 | 60.2' LT IL 84 | 26 |
| STA 671+86.33 | 58.5' LT IL 84 | 32 |

TOTAL 797

MODEL: Default  
 FILE: \\nas01c.pva\illinois\B&E\BID\ITEC\Illinois\gov\PIWD\DOT\Documents\BID\DOT\_Offices\BID\refct\_2\Project\SP2017\_4\CADD\DATA\CAD\Sheet\SD201714\_ech-500.dgn

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 100.0000' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-06-2018 12:51:17 PM | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

|                    |         |                  |              |           |
|--------------------|---------|------------------|--------------|-----------|
| F.A.P. RTE.        | SECTION | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 308                | 111R    | ROCK ISLAND      | 117          | 15        |
| CONTRACT NO. 64K06 |         |                  |              |           |
| ILLINOIS           |         | FED. AID PROJECT |              |           |

MODEL: Default  
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| ITEM NO. | DESCRIPTION                                  | LOCATION     | TO | FROM           | TYPE                     | QUANTITY    | COMMENTS                            |
|----------|--|--------------|----|----------------|--------------------------|-------------|-------------------------------------|
| 20800150 | TRENCH BACKFILL                              |              |    |                |                          |             |                                     |
|          |  | STA 658+50   | TO | 659+74         | IL 84                    | 635         |                                     |
|          |  | STA 664+60   | TO | 671+42         | IL 84                    | 140         |                                     |
|          |  |              |    |                |                          | TOTAL 775   |                                     |
| 25000100 | SEEDING, CLASS 1                             |              |    |                |                          |             |                                     |
|          |  | STA 655+47   | TO | 672+85 LT & RT | IL 84                    | 1.5         |                                     |
|          |  |              |    |                |                          | TOTAL 1.5   |                                     |
| 25000312 | SEEDING, CLASS 4A                            |              |    |                |                          |             |                                     |
|          |  | STA 655+47   | TO | 672+85 LT      | IL 84                    | 0.5         | 1:2 SLOPES                          |
|          |  |              |    |                |                          | TOTAL 0.5   |                                     |
| 25000750 | MOWING                                       |              |    |                |                          |             |                                     |
|          |  | STA 655+47   | TO | 672+85 LT & RT | IL 84                    | 1.50        |                                     |
|          |  |              |    |                |                          | TOTAL 1.50  |                                     |
| 25100630 | EROSION CONTROL BLANKET                      |              |    |                |                          |             |                                     |
|          |  | STA 655+47   | TO | 672+85 LT & RT | IL 84                    | 9,680       | See Erosion Control Sheets          |
|          |  | STA 185+61.5 | TO | 186+24.7 RT    | SW 94TH / 256TH          | 101         | See Erosion Control Sheets          |
|          |  | STA 186+50.0 | TO | 186+89.5 RT    | SE 94TH / 256TH          | 52          | See Erosion Control Sheets          |
|          |  | STA 189+79.4 | TO | 190+46.7 LT    | NW 256TH / 71ST AVE      | 39          | See Erosion Control Sheets          |
|          |  | STA 0+28.07  | TO | 0+55.41 RT     | SE IL 84 / 71ST AVE      | 11          | See Erosion Control Sheets          |
|          |  |              |    |                |                          | TOTAL 9,883 |                                     |
| 25100900 | TURF REINFORCEMENT MAT                       |              |    |                |                          |             |                                     |
|          |  | STA 658+49   | RT |                | IL 84                    | 31          | 21' x 17'                           |
|          |  |              |    |                |                          | TOTAL 31    |                                     |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING            |              |    |                |                          |             |                                     |
|          |  | STA 655+47   | TO | 672+85 LT & RT | IL 84                    | 600         | ESTIMATED QUANTITY (PROJECT LIMITS) |
|          |  |              |    |                |                          | TOTAL 600   |                                     |
| 28000305 | TEMPORARY DITCH CHECKS                       |              |    |                |                          |             |                                     |
|          |  | STA 656+00   | TO | 658+44 RT      | IL 84                    | 60          | SEE PLANVIEW FOR EXACT LOCATIONS    |
|          |  |              |    |                |                          | TOTAL 60    |                                     |
| 28000400 | PERIMETER EROSION BARRIER                    |              |    |                |                          |             |                                     |
|          |  | STA 657+75   | TO | 660+50 LT      | IL 84                    | 404         |                                     |
|          |  | STA 658+88   | TO | 660+00 RT      | IL 84                    | 145         |                                     |
|          |  | STA 662+27   | TO | 666+04 LT      | IL 84                    | 461         |                                     |
|          |  | STA 666+35   | TO | 672+85 LT      | IL 84                    | 728         |                                     |
|          |  |              |    |                |                          | TOTAL 1,738 |                                     |
| 28000500 | INLET AND PIPE PROTECTION                    |              |    |                |                          |             |                                     |
|          |  | STA 658+49   | RT |                | IL 84                    | 1           | Drop Box                            |
|          |  | STA 658+52   | RT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 658+52   | LT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 658+75   | LT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 658+75   | RT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 659+27   | RT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 659+74   | RT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 664+60   | LT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 664+91   | LT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 666+71   | LT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 669+40   | LT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 669+75   | LT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 671+45   | LT |                | IL 84                    | 1           | Inlet                               |
|          |  | STA 671+45   | RT |                | IL 84                    | 1           | Inlet                               |
|          |  |              |    |                |                          | TOTAL 14    |                                     |
| 28100107 | STONE RIPRAP, CLASS A4                       |              |    |                |                          |             |                                     |
|          |  | STA 658+73   | LT |                | IL 84                    | 71          | 45' L                               |
|          |  | STA 664+00   | RT |                | IL 84                    | 27          | 16' L                               |
|          |  |              |    |                |                          | TOTAL 98    |                                     |
| 28200200 | FILTER FABRIC                                |              |    |                |                          |             |                                     |
|          |  | STA 658+73   | LT |                | IL 84                    | 71          | 45' L                               |
|          |  | STA 664+00   | RT |                | IL 84                    | 27          | 16' L                               |
|          |  |              |    |                |                          | TOTAL 98    |                                     |
| 30300112 | AGGREGATE SUBGRADE IMPROVEMENT 12"           |              |    |                |                          |             |                                     |
|          |  | STA 185+61   | TO | 186+24         | NW Quadrant 94TH / 256TH | 100         |                                     |
|          |  | STA 186+48   | TO | 186+90         | SW Quadrant 94TH / 256TH | 66          |                                     |
|          |  | STA 189+80   | TO | 190+41         | NE Quadrant 71ST / 256TH | 54          |                                     |
|          |  | STA 637+31   | TO | 637+51         | SE Quadrant IL 84 / 71ST | 13          |                                     |
|          |  |              |    |                |                          | TOTAL 234   |                                     |
| 40201000 | AGGREGATE FOR TEMPORARY ACCESS               |              |    |                |                          |             |                                     |
|          |  | STA 658+95   | RT |                |                          | 99          | ENTRANCE                            |
|          |  | STA 665+17   | LT |                |                          | 20          | ENTRANCE                            |
|          |  | STA 667+51   | LT |                |                          | 20          | ENTRANCE                            |
|          |  |              |    |                |                          | TOTAL 138   |                                     |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT)            |              |    |                |                          |             |                                     |
|          |  | STA 185+61   | TO | 186+24         | NW Quadrant 94TH / 256TH | 191         |                                     |
|          |  | STA 186+48   | TO | 186+90         | SW Quadrant 94TH / 256TH | 115         |                                     |
|          |  | STA 189+80   | TO | 190+41         | NE Quadrant 71ST / 256TH | 100         |                                     |
|          |  | STA 637+31   | TO | 637+51         | SE Quadrant IL 84 / 71ST | 21          |                                     |
|          |  |              |    |                |                          | TOTAL 426   |                                     |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT)             |              |    |                |                          |             |                                     |
|          |  | STA 657+73   | TO | 660+50         | IL 84                    | 360         |                                     |
|          |  | STA 660+50   | TO | 662+17         | RT IL 84                 | 217         |                                     |
|          |  | STA 671+27   | TO | 671+60         | IL 84                    | 43          |                                     |
|          |  | STA 665+77   | TO | 666+62         | IL 84/QUARRY ST          | 56          |                                     |
|          |  | STA 185+61   | TO | 186+24         | NW Quadrant 94TH / 256TH | 19          |                                     |
|          |  | STA 186+48   | TO | 186+90         | SW Quadrant 94TH / 256TH | 11          |                                     |
|          |  | STA 189+80   | TO | 190+41         | NE Quadrant 71ST / 256TH | 10          |                                     |
|          |  | STA 637+31   | TO | 637+51         | SE Quadrant IL 84 / 71ST | 2           |                                     |
|          |  |              |    |                |                          | TOTAL 719   |                                     |
| 40603335 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 |              |    |                |                          |             |                                     |
|          |  | STA 657+73   | TO | 660+50         | IL 84                    | 134         |                                     |
|          |  | STA 660+50   | TO | 662+17         | RT IL 84                 | 81          |                                     |
|          |  | STA 671+27   | TO | 671+60         | IL 84                    | 16          |                                     |
|          |  | STA 665+77   | TO | 666+62         | IL 84/QUARRY ST          | 21          |                                     |
|          |  |              |    |                |                          | TOTAL 253   |                                     |
| 42000060 | WELDED WIRE REINFORCEMENT                    |              |    |                |                          |             |                                     |
|          |  | STA 657+73   | TO | 660+50         |                          | 800         |                                     |
|          |  | STA 671+27   | TO | 671+60         |                          | 95          |                                     |
|          |  |              |    |                |                          | TOTAL 895   |                                     |

|                                     |            |           |  |                               |                    |                  |        |              |           |
|-------------------------------------|------------|-----------|--|-------------------------------|--------------------|------------------|--------|--------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>         DEPARTMENT OF TRANSPORTATION</b> | <b>SCHEDULE OF QUANTITIES</b> | F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| DRAWN -                             | REVISED -  | 308       |  |                               | 111R               | ROCK ISLAND      | 117    | 16           |           |
| PLOT SCALE = 100,0000' / in.        | CHECKED -  | REVISED - |  |                               | CONTRACT NO. 64K06 |                  |        |              |           |
| PLOT DATE = Mar-06-2018 12:51:32 PM | DATE -     | REVISED - |  |                               | ILLINOIS           | FED. AID PROJECT |        |              |           |
|                                     |            |           |  | SCALE:                        | SHEET              | OF               | SHEETS | STA.         | TO STA.   |

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|          |   |              |                 |          |  |             |                                    |
|----------|---|--------------|-----------------|----------|--|-------------|------------------------------------|
| 42300300 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH<br><u>LOCATION</u> | <u>SO_YD</u> | <u>COMMENTS</u> | 50100300 | REMOVAL OF EXISTING STRUCTURES NO. 1<br><u>LOCATION</u>                    | <u>EACH</u> | <u>COMMENTS</u>                    |
|          | STA 657+40 RT   | 34           | MAILBOX TURNOUT |          | STA 658+73 IL 84   | 1           | SEE SPECIAL PROVISIONS FOR DETAILS |
|          | STA 658+95 RT   | 217          | ENTRANCE        |          |  | TOTAL 1     |                                    |
|          | STA 665+17 LT   | 43           | ENTRANCE        | 51500100 | NAME PLATES<br><u>LOCATION</u>   | <u>EACH</u> | <u>COMMENTS</u>                    |
|          | STA 667+51 LT   | 44           | ENTRANCE        |          | STA 658+73   | 1           |                                    |
|          | TOTAL   | 338          |                 |          |  |             |                                    |
| 44000100 | PAVEMENT REMOVAL<br><u>LOCATION</u>                                   | <u>SO_YD</u> | <u>COMMENTS</u> | 54244405 | FLUSH INLET BOX FOR MEDIAN, STANDARD 542546<br><u>LOCATION</u>             | <u>EACH</u> | <u>COMMENTS</u>                    |
|          | STA 665+85 TO 669+89 LT IL 84   | 475          |                 |          | STA 659+27 37.3' RT  | 1           |                                    |
|          | TOTAL   | 475          |                 |          |  | TOTAL 1     |                                    |
| 44000200 | DRIVEWAY PAVEMENT REMOVAL<br><u>LOCATION</u>                          | <u>SO_YD</u> | <u>COMMENTS</u> | 542A2797 | PIPE CULVERTS, CLASS A, TYPE 4, 72"<br><u>LOCATION</u>                     | <u>FOOT</u> | <u>COMMENTS</u>                    |
|          | STA 667+51 LT   | 17           |                 |          | STA 658+73 82' LT & 6Ø3^ SKE IL 84   | 142         |                                    |
|          | TOTAL   | 17           |                 |          |  | TOTAL 142   |                                    |
| 44000400 | GUTTER REMOVAL<br><u>LOCATION</u>                                     | <u>FOOT</u>  | <u>COMMENTS</u> | 550A0050 | STORM SEWERS, CLASS A, TYPE 1, 12"<br><u>LOCATION</u>                      | <u>FOOT</u> | <u>COMMENTS</u>                    |
|          | STA 657+73 TO 660+50 LT IL 84   | 277          |                 |          | STA 658+52 IL 84   | 31          |                                    |
|          | STA 662+27 TO 666+06 LT IL 84   | 392          |                 |          | STA 658+64 LT IL 84  | 17          |                                    |
|          | STA 666+32 TO 667+93 LT IL 84   | 174          |                 |          | STA 658+64 RT IL 84  | 19          |                                    |
|          | STA 669+89 TO 672+85 LT IL 84   | 296          |                 |          | STA 658+52 RT IL 84  | 11          |                                    |
|          | STA 671+34 TO 671+50 RT IL 84   | 16           |                 |          | STA 658+52 RT IL 84  | 23          |                                    |
|          | TOTAL   | 1,155        |                 |          | STA 658+89 RT IL 84  | 73          |                                    |
|          |   |              |                 |          | STA 659+24 RT IL 84  | 95          |                                    |
|          |   |              |                 |          |  | TOTAL 269   |                                    |
| 44200964 | CLASS B PATCHES, TYPE IV, 9 INCH<br><u>LOCATION</u>                   | <u>SO_YD</u> | <u>COMMENTS</u> | 550A0430 | STORM SEWERS, CLASS A, TYPE 2, 30"<br><u>LOCATION</u>                      | <u>FOOT</u> | <u>COMMENTS</u>                    |
|          | STA 657+73 TO 660+50  | 800          |                 |          | STA 664+27 LT IL 84  | 22          |                                    |
|          | STA 671+27 TO 671+60  | 95           |                 |          | STA 664+45 LT IL 84  | 19          |                                    |
|          | TOTAL   | 895          |                 |          | STA 664+55 LT IL 84  | 18          |                                    |
|          |   |              |                 |          | STA 664+76 LT IL 84  | 25          |                                    |
|          |   |              |                 |          |  | TOTAL 84    |                                    |
| 44201299 | DOWEL BARS 1 1/2"<br><u>LOCATION</u>                                  | <u>EACH</u>  | <u>COMMENTS</u> | 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID<br><u>LOCATION</u> | <u>EACH</u> | <u>COMMENTS</u>                    |
|          | STA 657+73 TO 660+50  | 44           |                 |          | STA 658+51 30' RT IL 84  | 1           |                                    |
|          | STA 671+27 TO 671+60  | 44           |                 |          | STA 664+39 54' LT IL 84  | 1           |                                    |
|          | TOTAL   | 88           |                 |          | STA 664+50 36' LT IL 84  | 1           |                                    |
|          |   |              |                 |          |  | TOTAL 3     |                                    |
| 44213200 | SAW CUTS<br><u>LOCATION</u>   | <u>FOOT</u>  | <u>COMMENTS</u> | 60219100 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 9 FRAME AND GRATE<br><u>LOCATION</u>   | <u>EACH</u> | <u>COMMENTS</u>                    |
|          | STA 657+73 TO 660+50  | 632          |                 |          | STA 671+44 14.8' RT IL 84  | 1           |                                    |
|          | STA 671+27 TO 671+60  | 144          |                 |          |  | TOTAL 1     |                                    |
|          | TOTAL   | 776          |                 |          |  |             |                                    |
| 44213204 | TIE BARS 3/4"<br><u>LOCATION</u>                                      | <u>EACH</u>  | <u>COMMENTS</u> | 60500060 | REMOVING INLETS<br><u>LOCATION</u>   | <u>EACH</u> | <u>COMMENTS</u>                    |
|          | STA 657+73 TO 660+50  | 138          |                 |          | STA 658+91 18' LT IL 84  | 1           |                                    |
|          | STA 671+27 TO 671+60  | 16           |                 |          | STA 664+58 15' LT IL 84  | 1           |                                    |
|          | TOTAL   | 154          |                 |          | STA 671+22 17' LT IL 84  | 1           |                                    |
|          |   |              |                 |          | STA 671+44 14' RT IL 84  | 1           |                                    |
|          |   |              |                 |          |  | TOTAL 4     |                                    |
| 48203029 | HOT-MIX ASPHALT SHOULDERS, 8"<br><u>LOCATION</u>                      | <u>SO_YD</u> | <u>COMMENTS</u> | 60605000 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12<br><u>LOCATION</u>       | <u>FOOT</u> | <u>COMMENTS</u>                    |
|          | STA 185+61 TO 186+24 NW Quadrant 94TH / 256TH                         | 85           |                 |          | STA 660+00 TO 662+17 RT  | 217         | IL 84                              |
|          | STA 186+48 TO 186+90 SW Quadrant 94TH / 256TH                         | 51           |                 |          |  | TOTAL 217   |                                    |
|          | STA 189+80 TO 190+41 NE Quadrant 71ST / 256TH                         | 44           |                 |          |  |             |                                    |
|          | STA 637+31 TO 637+51 SE Quadrant IL 84 / 71ST                         | 9            |                 |          |  |             |                                    |
|          | TOTAL   | 136          |                 |          |  |             |                                    |

|                                     |            |           |   |                               |       |    |        |                           |         |             |              |           |
|-------------------------------------|------------|-----------|---|-------------------------------|-------|----|--------|---------------------------|---------|-------------|--------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SCHEDULE OF QUANTITIES</b> |       |    |        | F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 100,0000' / in.        | DRAWN -    | REVISED - |   |                               |       |    |        | 308                       | 111R    | ROCK ISLAND | 117          | 17        |
| PLOT DATE = May-15-2018 08:29:42 AM | CHECKED -  | REVISED - |   | CONTRACT NO. 64K06            |       |    |        | ILLINOIS FED. AID PROJECT |         |             |              |           |
|                                     | DATE -     | REVISED - |   | SCALE:                        | SHEET | OF | SHEETS | STA.                      | TO      | STA.        |              |           |



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| LOCATION               | 20200100            | 20200200           | EARTH<br>EXCAVATION<br>ADJUSTED<br>FOR<br>SHRINKAGE<br>(CU YD) | EMBANKMENT<br>(CU YD) | EARTHWORK<br>BALANCE<br><br>WASTE (+)<br>SHORTAGE (-)<br>(CU YD) |
|------------------------|---------------------|--------------------|--|-----------------------|--|
|                        | EARTH<br>EXCAVATION | ROCK<br>EXCAVATION |  |                       |  |
|                        | (CU YD)             | (CU YD)            |  |                       |  |
| <b>IL 84</b>           |                     |                    |  |                       |  |
| 655+47.00 TO 661+25.0  | 793.2               | 200.0              | 594.9  | 1391.0                | -796.1   |
| 661+00.00 TO 667+25.0  | 14.6                |                    | 11.0   | 3542.9                | -3532.0  |
| 667+25.00 TO 672+85.0  | 493.1               | 352.0              | 369.8  | 7038.6                | -6965.6  |
|                        |                     |                    |  |                       |  |
| <b>Barber Creek</b>    |                     |                    |  |                       |  |
| 0+27 TO 0+55           | 4.1                 |                    | 3.1  | 0.2                   | 2.9  |
|                        |                     |                    |  |                       |  |
| <b>71st St</b>         |                     |                    |  |                       |  |
| 189+80.22 TO 190+25    | 8.1                 |                    | 6.1  | 4.2                   | 1.9  |
|                        |                     |                    |  |                       |  |
| <b>256th St N</b>      |                     |                    |  |                       |  |
| 111+07 TO 112+15       | 43.6                |                    | 32.7   | 8.9                   | 23.8   |
|                        |                     |                    |  |                       |  |
| <b>94th Ave</b>        |                     |                    |  |                       |  |
| 185+61.60 TO 186+89.60 | 7.8                 |                    | 5.9  | 0.5                   | 5.3  |
| <b>TOTALS</b>          | <b>1364.5</b>       | <b>552.0</b>       | <b>1023.4</b>  | <b>11986.4</b>        | <b>-11259.9</b>  |

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 100.0000 ' / in.       | CHECKED -  | REVISED - |
| PLOT DATE = Mar-14-2018 09:47:22 AM | DATE -     | REVISED - |

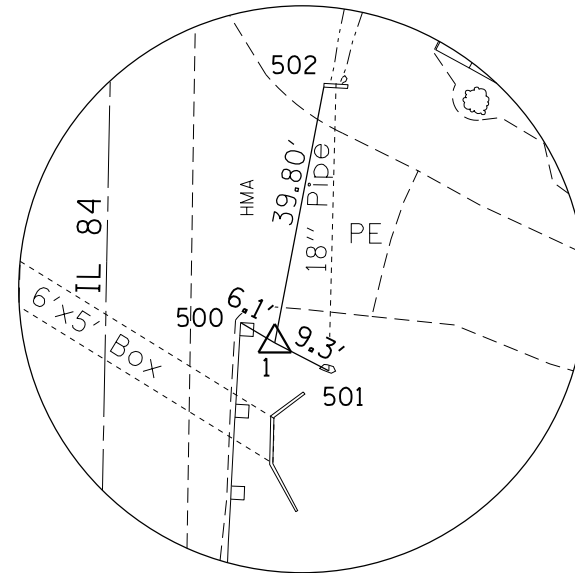
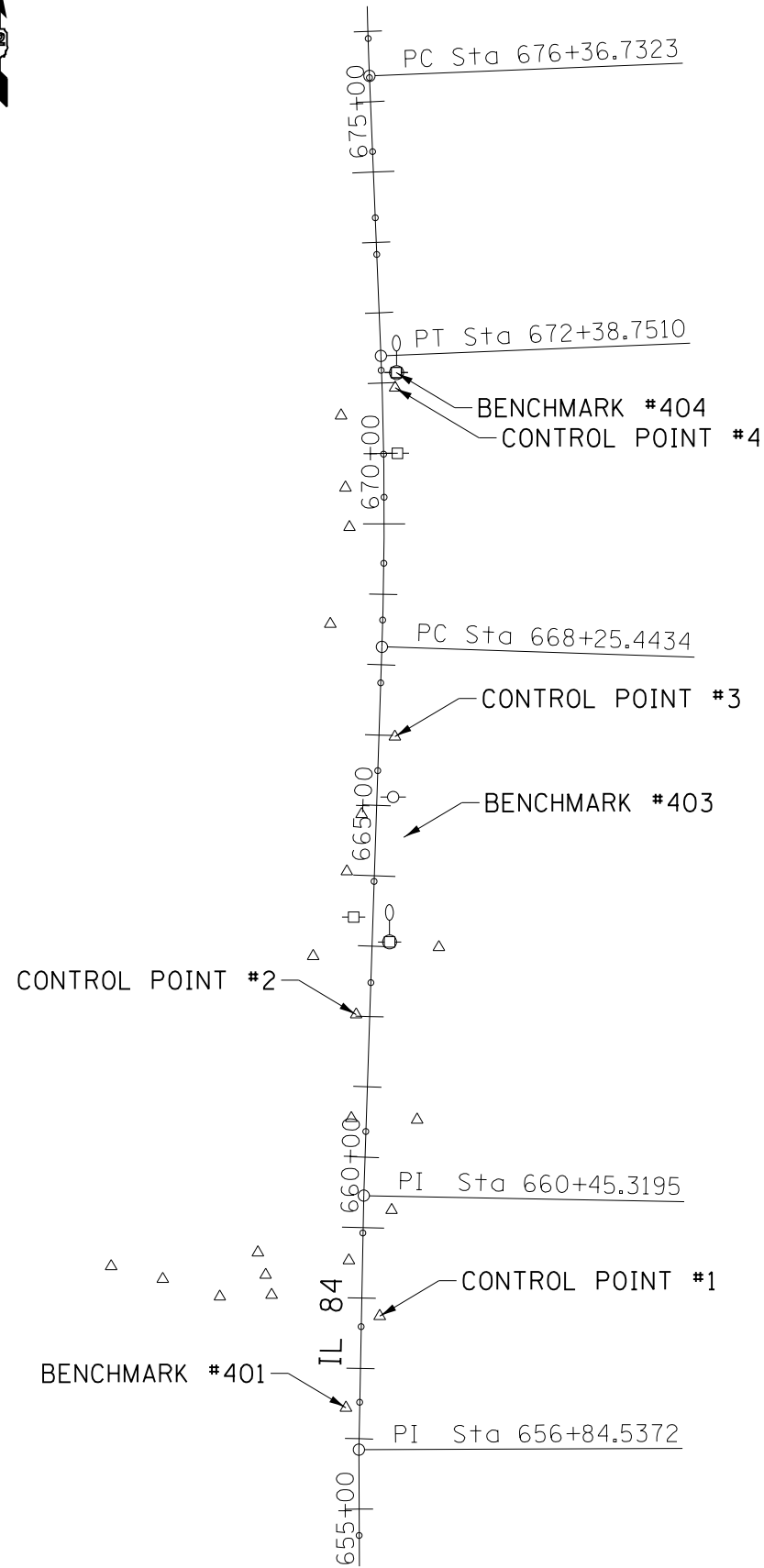
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EARTHWORK SCHEDULE**

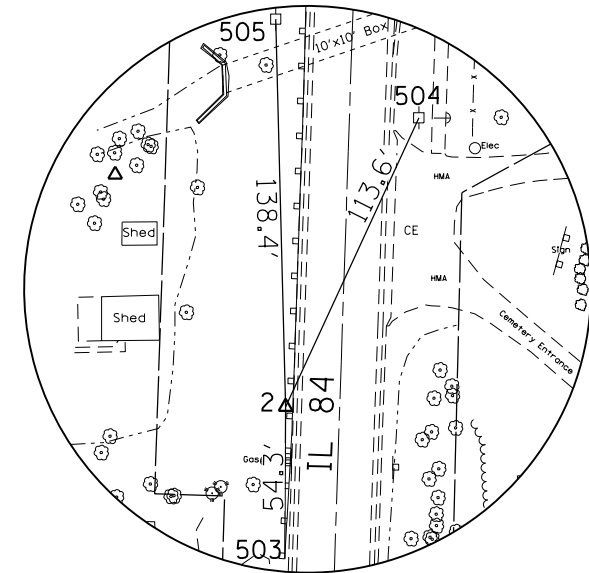
SCALE: SHEET OF SHEETS STA. TO STA.

|                    |         |             |                  |              |
|--------------------|---------|-------------|------------------|--------------|
| F.A.P.<br>RTE.     | SECTION | COUNTY      | TOTAL<br>SHEETS  | SHEET<br>NO. |
| 308                | 111R    | ROCK ISLAND | 117              | 19           |
| CONTRACT NO. 64K06 |         |             |                  |              |
| ILLINOIS           |         |             | FED. AID PROJECT |              |

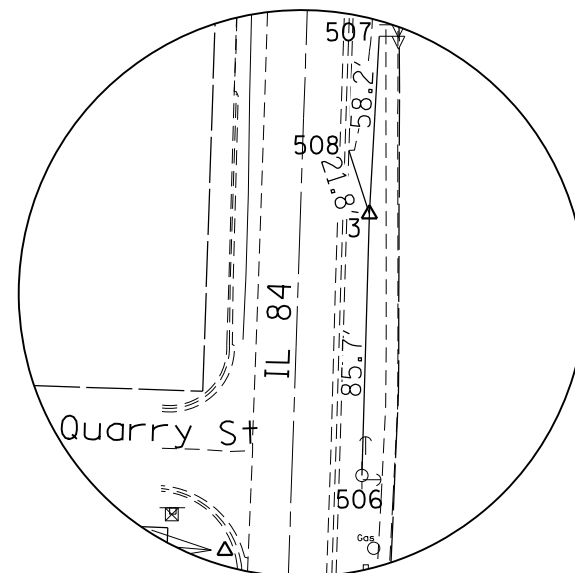




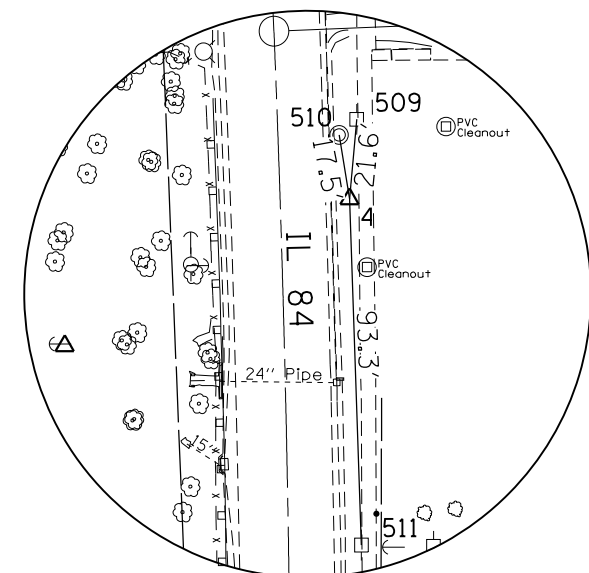
HORIZONTAL CONTROL POINT NO. 1



HORIZONTAL CONTROL POINT NO. 2



HORIZONTAL CONTROL POINT NO. 3



HORIZONTAL CONTROL POINT NO. 4

|  |                                     |            |           |   |  |                 |              |                           |         |             |              |           |
|--|-------------------------------------|------------|-----------|---|--|-----------------|--------------|---------------------------|---------|-------------|--------------|-----------|
| FILE NAME =  | USER NAME = cushmenbw               | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>HORIZONTAL &amp; VERTICAL CONTROL</b> |                 |              | F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| pw\IL084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P207\DRAWING\GAD\Sheets\201714-sht-hvc.dgn | 7                                   | DRAWN      | REVISED   |   |  |                 |              | 308                       | 111R    | ROCK ISLAND | 117          | 20        |
| Default  | PLOT SCALE = 100.0000' / in.        | CHECKED -  | REVISED - |   | CONTRACT NO. 64K06                       |                 |              | ILLINOIS FED. AID PROJECT |         |             |              |           |
|  | PLOT DATE = Mar-06-2018 01:08:50 PM | DATE -     | REVISED - |   | SCALE:                                   | SHEET OF SHEETS | STA. TO STA. |                           |         |             |              |           |

Chain EXIL84 contains:  
 137 230 CUR 240 CUR 250 260 7 CUR 200 CUR 210 67

Beginning chain EXIL84 description  
 =====

Point 137 N 1,796,955.2198 E 2,250,514.9586 Sta 656+84.54

Course from 137 to 230 N 1° 04' 30.05" E Dist 360.7823'

Point 230 N 1,797,315.9386 E 2,250,521.7274 Sta 660+45.32

Course from 230 to PC 240 N 1° 54' 11.49" E Dist 780.1238'

Curve Data  
 -----

**Curve 240**  
 P.I. Station 670+32.19 N 1,798,302.2661 E 2,250,554.5023  
 Delta = 4° 14' 12.14" (LT)  
 Degree = 1° 01' 30.26"  
 Tangent = 206.7480'  
 Length = 413.3076'  
 Radius = 5,589.4321'  
 External = 3.8224'  
 Long Chord = 413.2135'  
 Mid. Ord. = 3.8198'  
 P.C. Station 668+25.44 N 1,798,095.6321 E 2,250,547.6360  
 P.T. Station 672+38.75 N 1,798,508.8427 E 2,250,546.0843  
 C.C. N 1,798,281.2620 E 2,244,961.2872

Course from PT 240 to PC 250 N 2° 20' 00.65" W Dist 397.9813'

Curve Data  
 -----

**Curve 250**  
 P.I. Station 678+46.28 N 1,799,115.8662 E 2,250,521.3480  
 Delta = 3° 55' 55.84" (RT)  
 Degree = 0° 56' 19.07"  
 Tangent = 209.5460'  
 Length = 418.9276'  
 Radius = 6,104.1958'  
 External = 3.5956'  
 Long Chord = 418.8454'  
 Mid. Ord. = 3.5935'  
 P.C. Station 676+36.73 N 1,798,906.4940 E 2,250,529.8799  
 P.T. Station 680+55.66 N 1,799,325.3307 E 2,250,527.1940  
 C.C. N 1,799,155.0340 E 2,256,629.0138

Course from PT 250 to 260 N 1° 35' 55.19" E Dist 1,251.4667'

Point 260 N 1,800,576.3103 E 2,250,562.1078 Sta 693+07.13

Course from 260 to 7 N 1° 14' 35.20" E Dist 188.7188'

Point 7 N 1,800,764.9847 E 2,250,566.2020 Sta 694+95.85

Course from 7 to PC 200 N 1° 14' 35.20" E Dist 460.1983'

Curve Data  
 -----

**Curve 200**  
 P.I. Station 702+38.53 N 1,801,507.4927 E 2,250,582.3142  
 Delta = 1° 36' 06.60" (LT)  
 Degree = 0° 17' 00.76"  
 Tangent = 282.4845'  
 Length = 564.9323'  
 Radius = 20,206.9800'  
 External = 1.9744'  
 Long Chord = 564.9139'  
 Mid. Ord. = 1.9742'  
 P.C. Station 699+56.04 N 1,801,225.0747 E 2,250,576.1858  
 P.T. Station 705+20.98 N 1,801,789.9717 E 2,250,580.5456  
 C.C. N 1,801,663.4582 E 2,230,373.9616

Course from PT 200 to PC 210 N 0° 21' 31.41" W Dist 175.0935'

Curve Data  
 -----

**Curve 210**  
 P.I. Station 707+67.53 N 1,802,036.5210 E 2,250,579.0020  
 Delta = 0° 32' 17.50" (RT)  
 Degree = 0° 22' 35.65"  
 Tangent = 71.4607'  
 Length = 142.9203'  
 Radius = 15,215.1990'  
 External = 0.1678'  
 Long Chord = 142.9198'  
 Mid. Ord. = 0.1678'  
 P.C. Station 706+96.07 N 1,801,965.0617 E 2,250,579.4494  
 P.T. Station 708+38.99 N 1,802,107.9813 E 2,250,579.2258  
 C.C. N 1,802,060.3223 E 2,265,794.3502

Course from PT 210 to 67 N 0° 10' 46.09" E Dist 130.2903'

Point 67 N 1,802,238.2710 E 2,250,579.6340 Sta 709+69.28

=====  
 Ending chain EXIL84 description

|   |                                     |            |           |   |  |       |    |                           |         |             |                 |              |
|---|-------------------------------------|------------|-----------|---|--|-------|----|---------------------------|---------|-------------|-----------------|--------------|
| FILE NAME =   | USER NAME = cushmenbw               | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>HORIZONTAL &amp; VERTICAL CONTROL</b> |       |    | F.A.P.<br>RTE.            | SECTION | COUNTY      | TOTAL<br>SHEETS | SHEET<br>NO. |
| pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2207\DRAWING\GAD\Sheets\2201714-sht-hvc.dgn | PLOT SCALE = 100.0000' / in.        | CHECKED -  | REVISED - |   |  |       |    | 308                       | 111R    | ROCK ISLAND | 117             | 21           |
| Default   | PLOT DATE = Mar-06-2018 01:09:05 PM | DATE -     | REVISED - |   | CONTRACT NO. 64K06                       |       |    | ILLINOIS FED. AID PROJECT |         |             |                 |              |
|   |                                     |            |           |   | SCALE:                                   | SHEET | OF | SHEETS                    | STA.    | TO          | STA.            |              |

| HORIZONTAL CONTROL POINTS |              |              |           |        |           |             |                                      |
|---------------------------|--------------|--------------|-----------|--------|-----------|-------------|--------------------------------------|
| POINT                     | NORTH        | EAST         | ELEVATION | CHAIN  | STATION   | OFFSET      | DESCRIPTION                          |
| 1                         | 1797144.8657 | 2250544.4312 | 610.7929  | EXIL84 | 658+74.70 | 25.9094' RT | TOPO SURVEY POINT, PIN               |
| 2                         | 1797573.2789 | 2250510.9518 | 614.1425  | EXIL84 | 663+02.16 | 19.3161' LT | TOPO SURVEY POINT, PIN               |
| 3                         | 1797967.9088 | 2250565.9612 | 615.1892  | EXIL84 | 666+98.40 | 22.5569' RT | TOPO SURVEY POINT, PIN               |
| 4                         | 1798463.6200 | 2250566.4346 | 616.0129  | EXIL84 | 671+92.89 | 18.6809' RT | TOPO SURVEY POINT, PIN               |
| 10                        | 1797426.0146 | 2250504.2475 | 615.0660  | EXIL84 | 661+54.75 | 21.126' LT  | TOPO SURVEY POINT, NAIL              |
| 11                        | 1797295.5087 | 2250561.3398 | 631.9423  | EXIL84 | 660+25.64 | 39.9887' RT | TOPO SURVEY POINT, NAIL              |
| 12                        | 1797223.8069 | 2250500.7869 | 612.0497  | EXIL84 | 659+52.81 | 19.2083' LT | TOPO SURVEY POINT, TOPO SURVEY POINT |
| 13                        | 1797423.8567 | 2250597.5406 | 636.4243  | EXIL84 | 661+55.70 | 72.1873' RT | TOPO SURVEY POINT, TOPO SURVEY POINT |
| 14                        | 1797668.9355 | 2250628.5266 | 621.4399  | EXIL84 | 664+01.67 | 95.017' RT  | TOPO SURVEY POINT, NAIL              |
| 15                        | 1797656.1385 | 2250450.0976 | 585.6404  | EXIL84 | 663+82.95 | 82.8886' LT | TOPO SURVEY POINT, NAIL              |
| 16                        | 1797737.0378 | 2250611.1429 | 599.4029  | EXIL84 | 664+69.16 | 75.3811' RT | HEADWALL, DISK                       |
| 17                        | 1797857.7590 | 2250518.6748 | 612.4521  | EXIL84 | 665+86.74 | 21.0452' LT | TOPO SURVEY POINT, NAIL              |
| 18                        | 1797776.5133 | 2250497.7589 | 610.2211  | EXIL84 | 665+04.84 | 39.2514' LT | TOPO SURVEY POINT, NAIL              |
| 19                        | 1798265.5629 | 2250501.5555 | 613.1693  | EXIL84 | 669+95.27 | 49.1415' LT | TOPO SURVEY POINT, TOPO SURVEY POINT |
| 20                        | 1798127.8941 | 2250474.2791 | 610.7589  | EXIL84 | 668+55.65 | 74.3073' LT | TOPO SURVEY POINT, TOPO SURVEY POINT |
| 21                        | 1798321.6610 | 2250495.8782 | 585.3158  | EXIL84 | 670+51.91 | 54.6937' LT | TOPO SURVEY POINT, TOPO SURVEY POINT |
| 22                        | 1798424.0395 | 2250489.7155 | 579.9284  | EXIL84 | 671+55.43 | 59.1604' LT | TOPO SURVEY POINT, TOPO SURVEY POINT |

| CURVE POINT NUMBERS |       |     |     |     |     |
|---------------------|-------|-----|-----|-----|-----|
| CHAIN               | CURVE | PI  | CC  | PC  | PT  |
| EXIL84              | 240   | 240 | 241 | 242 | 243 |
| EXIL84              | 250   | 250 | 251 | 252 | 253 |
| EXIL84              | 200   | 200 | 201 | 202 | 203 |
| EXIL84              | 210   | 210 | 211 | 212 | 213 |

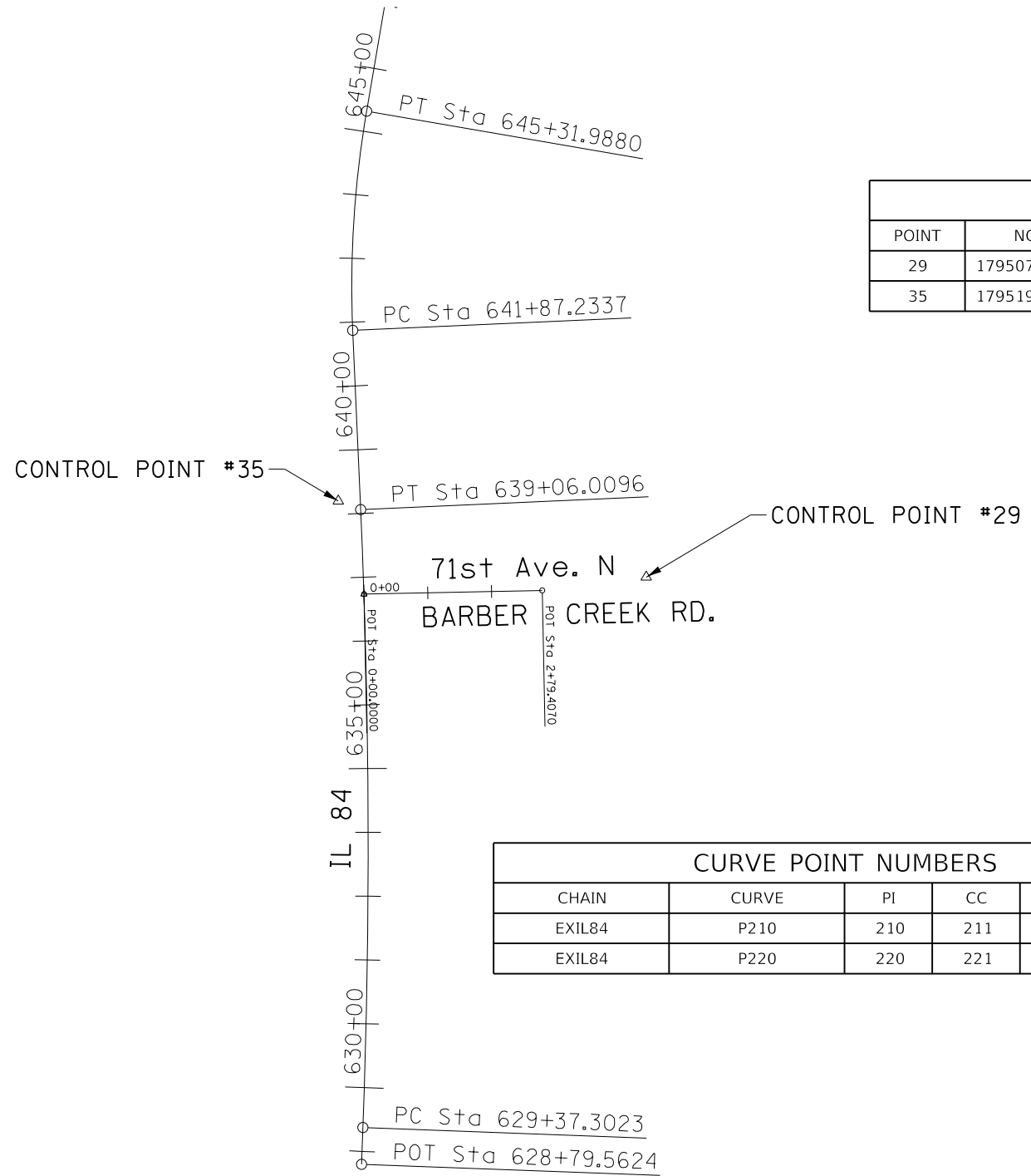
| BENCH MARKS |              |              |           |        |           |             |                                      |
|-------------|--------------|--------------|-----------|--------|-----------|-------------|--------------------------------------|
| POINT       | NORTH        | EAST         | ELEVATION | CHAIN  | STATION   | OFFSET      | DESCRIPTION                          |
| 401         | 1797014.6086 | 2250496.4463 | 612.6571  | EXIL84 | 657+43.57 | 19.6233' LT | TOPO SURVEY POINT, TOPO SURVEY POINT |
| 403         | 1797825.0029 | 2250578.6767 | 612.7591  | EXIL84 | 665+55.99 | 40.0114' RT | SIGN FOUNDATION, BOLT                |
| 404         | 1798485.0419 | 2250567.7333 | 617.8604  | EXIL84 | 672+14.18 | 20.7162' RT | POWER POLE, POWER POLE               |

# HORIZONTAL & VERTICAL CONTROL

| SURVEY WORK POINTS |              |              |           |        |              |            |             |
|--------------------|--------------|--------------|-----------|--------|--------------|------------|-------------|
| POINT              | NORTH        | EAST         | ELEVATION | CHAIN  | STATION      | OFFSET     | DESCRIPTION |
| 100                | 1798488.3202 | 2250546.5107 | 615.2767  | EXIL84 | 672+18.23    | 0.3718' LT | POC         |
| 101                | 1798652.8071 | 2250540.2177 | 615.2925  | EXIL84 | 673+82.83    | 0.0000'    | POT         |
| 102                | 1798704.8970 | 2250538.2011 | 615.2966  | EXIL84 | 674+34.96    | 0.106' RT  | POT         |
| 103                | 1798799.0013 | 2250534.2686 | 615.1937  | EXIL84 | 675+29.15    | 0.0083' RT | POT         |
| 104                | 1798903.9013 | 2250529.9856 | 615.0705  | EXIL84 | 676+34.14    | 0.0000'    | POC         |
| 105                | 1798959.5318 | 2250527.9952 | 615.0787  | EXIL84 | 676+89.80    | 0.0456' RT | POC         |
| 106                | 1799048.3779 | 2250525.7038 | 615.2385  | EXIL84 | 677+78.68    | 0.0461' LT | POC         |
| 107                | 1799102.0351 | 2250524.9464 | 615.1917  | EXIL84 | 678+32.34    | 0.1017' LT | POT         |
| 108                | 1799117.3193 | 2250524.8897 | 615.1490  | EXIL84 | 678+47.63    | 0.0448' LT | POT         |
| 109                | 1799135.4048 | 2250524.8496 | 615.1722  | EXIL84 | 678+65.71    | 0.0000'    | POT         |
| 110                | 1799180.3288 | 2250524.5078 | 615.1441  | EXIL84 | 679+10.63    | 0.3626' LT | POC         |
| 111                | 1799212.3923 | 2250524.6678 | 615.1515  | EXIL84 | 679+42.70    | 0.4197' LT | POC         |
| 112                | 1799222.4580 | 2250524.6846 | 615.1734  | EXIL84 | 679+52.76    | 0.5058' LT | POC         |
| 113                | 1799252.3869 | 2250525.2619 | 615.1746  | EXIL84 | 679+82.69    | 0.3325' LT | POC         |
| 114                | 1799317.9098 | 2250527.1138 | 615.1592  | EXIL84 | 680+48.24    | 0.1224' RT | POT         |
| 115                | 1799378.0733 | 2250528.6660 | 615.0706  | EXIL84 | 681+08.42    | 0.0000'    | POT         |
| 116                | 1799440.1350 | 2250530.3571 | 614.9157  | EXIL84 | 681+70.51    | 0.041' LT  | POT         |
| 117                | 1799575.0580 | 2250533.9879 | 612.7481  | EXIL84 | 683+05.48    | 0.1757' LT | POT         |
| 118                | 1799637.9473 | 2250535.9935 | 610.3008  | EXIL84 | 683+68.40    | 0.0746' RT | POT         |
| 119                | 1799856.4064 | 2250542.1470 | 603.2977  | EXIL84 | 685+86.95    | 0.1311' RT | POT         |
| 120                | 1799989.0965 | 2250545.9419 | 601.0519  | EXIL84 | 687+19.69    | 0.2227' RT | POT         |
| 121                | 1800219.5554 | 2250552.1486 | 597.5769  | EXIL84 | 689+50.23    | 0.0025' LT | POT         |
| 122                | 1800347.7717 | 2250555.7142 | 596.7755  | EXIL84 | 690+78.50    | 0.0153' LT | POT         |
| 123                | 1800528.5658 | 2250560.7753 | 597.6940  | EXIL84 | 692+59.36    | 0.0000'    | POT         |
| 124                | 1800687.9608 | 2250564.7774 | 598.4982  | EXIL84 | 694+18.81    | 0.2467' RT | POT         |
| 125                | 1798369.3073 | 2250550.0258 | 615.2650  | EXIL84 | 670+99.16    | 0.0000'    | POC         |
| 126                | 1798308.0939 | 2250550.7606 | 615.3082  | EXIL84 | 670+37.94    | 0.1057' RT | POC         |
| 127                | 1798214.2952 | 2250550.2965 | 615.2618  | EXIL84 | 669+44.14    | 0.0216' LT | POC         |
| 128                | 1798133.5425 | 2250548.6027 | 615.3268  | EXIL84 | 668+63.37    | 0.1642' LT | POC         |
| 129                | 1798044.3646 | 2250545.9324 | 615.1484  | EXIL84 | 667+74.15    | 0.0000'    | POT         |
| 130                | 1797919.6828 | 2250541.7230 | 614.2619  | EXIL84 | 666+49.39    | 0.0663' LT | POT         |
| 131                | 1797762.3741 | 2250536.5692 | 611.7546  | EXIL84 | 664+92.00    | 0.0071' RT | POT         |
| 132                | 1797618.5547 | 2250531.8269 | 613.5989  | EXIL84 | 663+48.10    | 0.0438' RT | POT         |
| 133                | 1797407.2500 | 2250524.7616 | 615.7978  | EXIL84 | 661+36.68    | 0.0000'    | POT         |
| 134                | 1797263.0483 | 2250520.5362 | 613.1689  | EXIL84 | 659+92.42    | 0.1987' LT | POC         |
| 135                | 1797129.9144 | 2250518.2367 | 612.2318  | EXIL84 | 658+59.26    | 0.0000'    | POC         |
| 136                | 1797022.4631 | 2250516.0201 | 612.6555  | EXIL84 | 657+51.79    | 0.2003' LT | POC         |
| 137                | 1796955.2198 | 2250514.9586 | 612.9846  | EXIL84 | 656+84.54    | 0.0000'    | POC         |
| 138                | 1796833.4280 | 2250515.1637 | 613.2238  | EXIL84 | OUT OF CHAIN | -----      | POT         |
| 139                | 1796727.8634 | 2250515.6855 | 613.0670  | EXIL84 | OUT OF CHAIN | -----      | POT         |
| 140                | 1796779.5466 | 2250515.4875 | 613.2033  | EXIL84 | OUT OF CHAIN | -----      | POT         |

| REFERENCE TIES |              |              |        |           |             |                                 |
|----------------|--------------|--------------|--------|-----------|-------------|---------------------------------|
| POINT          | NORTH        | EAST         | CHAIN  | STATION   | OFFSET      | DESCRIPTION                     |
| 500            | 1797147.9556 | 2250539.1987 | EXIL84 | 658+77.69 | 20.6198' RT | GUARDRAIL STEEL PLATE BEAM, END |
| 501            | 1797140.1671 | 2250552.6378 | EXIL84 | 658+70.16 | 34.2027' RT | PIPE CULVERT, PIPE CULVERT      |
| 502            | 1797183.9590 | 2250551.9128 | EXIL84 | 659+13.93 | 32.6562' RT | HEADWALL, CORNER                |
| 503            | 1797519.0165 | 2250510.6160 | EXIL84 | 662+47.92 | 17.8497' LT | GUARDRAIL, END                  |
| 504            | 1797676.4093 | 2250558.5022 | EXIL84 | 664+06.81 | 24.783' RT  | POWER POLE WITH LIGHT           |
| 505            | 1797711.6492 | 2250507.4119 | EXIL84 | 664+40.34 | 27.4495' LT | POWER POLE                      |
| 506            | 1797882.2874 | 2250563.4952 | EXIL84 | 666+12.74 | 22.9358' RT | TELEGRAPH POLE                  |
| 507            | 1798026.0248 | 2250569.1960 | EXIL84 | 667+56.59 | 23.8598' RT | MAILBOX                         |
| 508            | 1797988.7027 | 2250559.4933 | EXIL84 | 667+18.97 | 15.402' RT  | MAILBOX TURNOUT, BEGINNING      |
| 509            | 1798485.0938 | 2250568.3907 | EXIL84 | 672+14.21 | 21.3751' RT | POWER POLE WITH LIGHT           |
| 510            | 1798480.9004 | 2250563.6350 | EXIL84 | 672+10.20 | 16.4716' RT | MANHOLE LID                     |
| 511            | 1798370.4019 | 2250569.6510 | EXIL84 | 670+99.94 | 19.6401' RT | POWER POLE                      |

| APPARENT PROPERTY CORNERS |              |              |           |        |           |             |                       |
|---------------------------|--------------|--------------|-----------|--------|-----------|-------------|-----------------------|
| POINT                     | NORTH        | EAST         | ELEVATION | CHAIN  | STATION   | OFFSET      | DESCRIPTION           |
| 701                       | 1797062.5428 | 2250598.3645 | 625.0014  | EXIL84 | 657+93.41 | 81.3777' RT | PROPERTY CORNER, PIPE |
| 702                       | 1797062.5262 | 2250598.1504 | 624.8128  | EXIL84 | 657+93.39 | 81.1639' RT | PROPERTY CORNER, PIN  |
| 703                       | 1797043.2846 | 2250478.4912 | 609.1400  | EXIL84 | 657+71.90 | 38.1132' LT | PROPERTY CORNER, PIN  |
| 704                       | 1797105.3770 | 2250481.1670 | 608.6610  | EXIL84 | 658+34.03 | 36.6028' LT | PROPERTY CORNER, PIN  |
| 705                       | 1796985.3502 | 2250476.4272 | 609.2057  | EXIL84 | 657+13.94 | 39.0899' LT | PROPERTY CORNER, PIPE |
| 706                       | 1797216.1522 | 2250483.0026 | 601.0378  | EXIL84 | 659+44.82 | 36.8458' LT | PROPERTY CORNER, PIN  |
| 707                       | 1797318.9923 | 2250485.7385 | 611.8418  | EXIL84 | 660+47.18 | 36.0705' LT | PROPERTY CORNER, PIN  |
| 708                       | 1797427.6020 | 2250574.4893 | 632.9671  | EXIL84 | 661+58.67 | 49.0244' RT | PROPERTY CORNER, PIN  |
| 709                       | 1797427.7283 | 2250567.9840 | 631.6772  | EXIL84 | 661+58.58 | 42.5185' RT | PROPERTY CORNER, PIN  |
| 710                       | 1797647.0744 | 2250469.8047 | 586.6859  | EXIL84 | 663+74.55 | 62.8914' LT | PROPERTY CORNER, PIN  |
| 711                       | 1797965.7175 | 2250512.4711 | 614.5396  | EXIL84 | 666+94.43 | 30.8309' LT | PROPERTY CORNER, PIN  |
| 712                       | 1798527.4118 | 2250572.5056 | 615.7755  | EXIL84 | 672+56.23 | 27.1555' RT | PROPERTY CORNER, PIPE |
| 713                       | 1798620.5656 | 2250571.9756 | 616.2954  | EXIL84 | 673+49.33 | 30.4188' RT | PROPERTY CORNER, PIPE |
| 714                       | 1798552.4131 | 2250513.7959 | 613.2414  | EXIL84 | 672+83.60 | 30.4876' LT | PROPERTY CORNER, PIN  |



Chain BARBERCREEK contains:  
1016 1008

Beginning chain BARBERCREEK description

Point 1016 N 1,795,051.8797 E 2,250,427.4242 Sta 0+00.00

Course from 1016 to 1008 N 88° 48' 35.10" E Dist 279.4070'

Point 1008 N 1,795,057.6836 E 2,250,706.7710 Sta 2+79.41

Ending chain BARBERCREEK description

| HORIZONTAL CONTROL POINTS |              |              |           |             |              |        |                            |
|---------------------------|--------------|--------------|-----------|-------------|--------------|--------|----------------------------|
| POINT                     | NORTH        | EAST         | ELEVATION | CHAIN       | STATION      | OFFSET | DESCRIPTION                |
| 29                        | 1795078.5530 | 2250869.9610 | 602.3920  | BARBERCREEK | OUT OF CHAIN | -----  | NAIL, PIN                  |
| 35                        | 1795197.7330 | 2250387.2000 | 604.3650  | BARBERCREEK | OUT OF CHAIN | -----  | TOPO SURVEY POINT, PK NAIL |

Chain EXIL84 contains:

1011 CUR P210 CUR P220 CUR P230 137 230 CUR 240 CUR 250 260 7 CUR 200 CUR 210 - 67

Beginning chain EXIL84 description

Point 1011 N 1,794,158.2076 E 2,250,423.7068 Sta 628+79.56

Course from 1011 to PC P210 N 2° 07' 06.30" E Dist 57.7399'

Curve Data  
\*-----\*

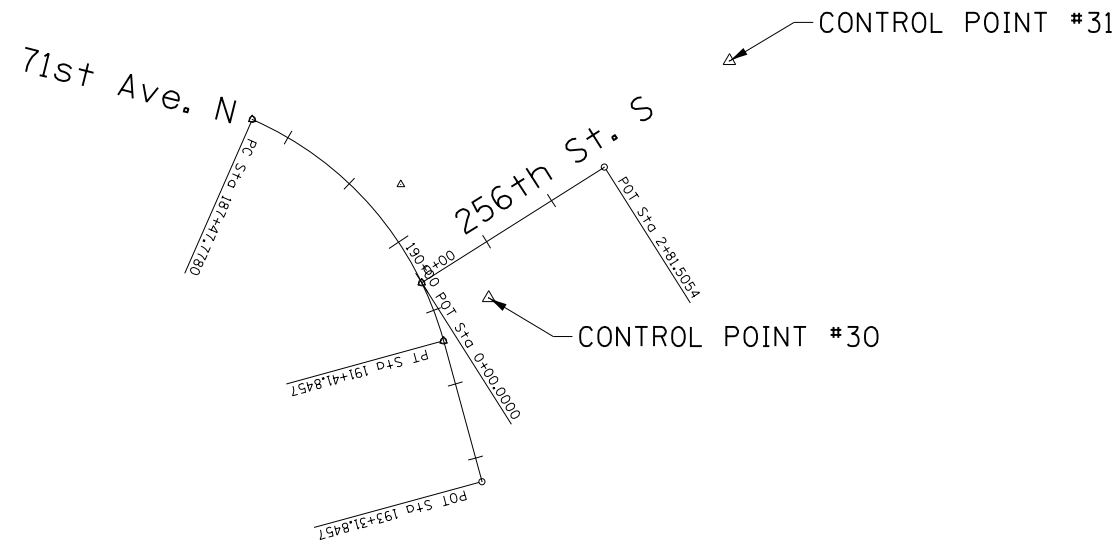
Curve P210  
P.I. Station 634+21.92 N 1,794,700.1973 E 2,250,443.7551  
Delta = 4° 39' 25.67" (LT)  
Degree = 0° 28' 50.73"  
Tangent = 484.6205'  
Length = 968.7073'  
Radius = 11,917.8170'  
External = 9.8491'  
Long Chord = 968.4407'  
Mid. Ord. = 9.8410'  
P.C. Station 629+37.30 N 1,794,215.9080 E 2,250,425.8411  
P.T. Station 639+06.01 N 1,795,184.3422 E 2,250,422.2891  
C.C. N 1,794,656.4490 E 2,238,516.1692

Course from PT P210 to PC P220 N 2° 32' 19.38" W Dist 281.2241'

Curve Data  
\*-----\*

Curve P220  
P.I. Station 643+60.27 N 1,795,638.1609 E 2,250,402.1677  
Delta = 12° 17' 01.78" (RT)  
Degree = 3° 33' 47.04"  
Tangent = 173.0405'  
Length = 344.7544'  
Radius = 1,608.0469'  
External = 9.2836'  
Long Chord = 344.0945'  
Mid. Ord. = 9.2303'  
P.C. Station 641+87.23 N 1,795,465.2902 E 2,250,409.8324  
P.T. Station 645+31.99 N 1,795,808.7045 E 2,250,431.4575  
C.C. N 1,795,536.5178 E 2,252,016.3011

| CURVE POINT NUMBERS |       |     |     |     |     |
|---------------------|-------|-----|-----|-----|-----|
| CHAIN               | CURVE | PI  | CC  | PC  | PT  |
| EXIL84              | P210  | 210 | 211 | 212 | 213 |
| EXIL84              | P220  | 220 | 221 | 222 | 223 |



Chain 71STAV contains:  
P202 CUR P200 1009

Beginning chain 71STAV description

Point P202 N 1,790,881.1870 E 2,267,969.2580 Sta 187+47.78

Curve Data  
\*-----\*

Curve P200  
P.I. Station 189+58.96 N 1,790,796.3823 E 2,268,162.6653  
Delta = 51° 01' 54.43" (RT)  
Degree = 12° 57' 00.02"  
Tangent = 211.1829'  
Length = 394.0677'  
Radius = 442.4382'  
External = 47.8166'  
Long Chord = 381.1707'  
Mid. Ord. = 43.1528'  
P.C. Station 187+47.78 N 1,790,881.1870 E 2,267,969.2580  
P.T. Station 191+41.85 N 1,790,592.6763 E 2,268,218.3617  
C.C. N 1,790,475.9895 E 2,267,791.5880

Course from PT P200 to 1009 S 15° 17' 30.63" E Dist 190.0000'

Point 1009 N 1,790,409.4033 E 2,268,268.4715 Sta 193+31.85

Ending chain 71STAV description

Chain 256THST\_S contains:  
1010 1006

Beginning chain 256THST\_S description

Point 1010 N 1,790,668.4638 E 2,268,189.9663 Sta 0+00.00

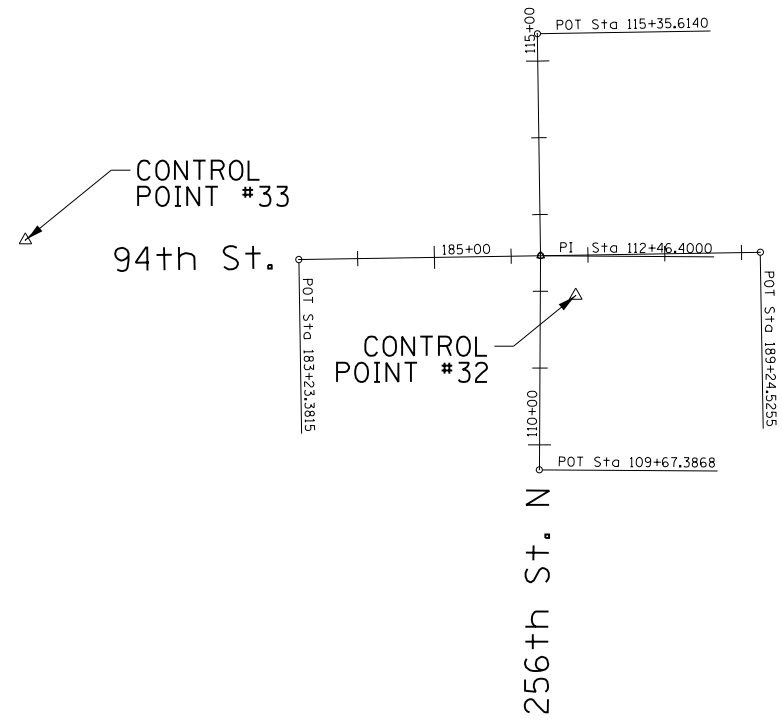
Course from 1010 to 1006 N 57° 39' 11.95" E Dist 281.5054'

Point 1006 N 1,790,819.0807 E 2,268,427.7894 Sta 2+81.51

Ending chain 256THST\_S description

| HORIZONTAL CONTROL POINTS |              |              |           |        |           |              |             |
|---------------------------|--------------|--------------|-----------|--------|-----------|--------------|-------------|
| POINT                     | NORTH        | EAST         | ELEVATION | CHAIN  | STATION   | OFFSET       | DESCRIPTION |
| 30                        | 1790648.6280 | 2268277.1600 | 683.1950  | 71STAV | 191+08.79 | 72.9104' LT  | PIN, PIN    |
| 31                        | 1790957.3250 | 2268590.6870 | 680.4640  | 71STAV | 190+20.06 | 490.4299' LT | PIN, PIN    |

| CURVE POINT NUMBERS |       |     |     |     |     |
|---------------------|-------|-----|-----|-----|-----|
| CHAIN               | CURVE | PI  | CC  | PC  | PT  |
| 71STAV              | P200  | 200 | 201 | 202 | 203 |



Chain 94THAV contains:  
1000 1001

Beginning chain 94THAV description  
=====

Point 1000 N 1,801,575.7433 E 2,268,684.5863 Sta 183+23.38

Course from 1000 to 1001 N 89<sup>3</sup>/<sub>4</sub> 05' 27.39" E Dist 601.1440'

Point 1001 N 1,801,585.2807 E 2,269,285.6546 Sta 189+24.53

Ending chain 94THAV description  
=====

Chain 256THST\_N contains:  
1002 1003 1004

Beginning chain 256THST\_N description  
=====

Point 1002 N 1,801,301.7333 E 2,268,997.8480 Sta 109+67.39

Course from 1002 to 1003 N 0<sup>3</sup>/<sub>4</sub> 21' 09.43" E Dist 279.0132'

Point 1003 N 1,801,580.7412 E 2,268,999.5651 Sta 112+46.40

Course from 1003 to 1004 N 0<sup>3</sup>/<sub>4</sub> 51' 12.79" W Dist 289.2140'

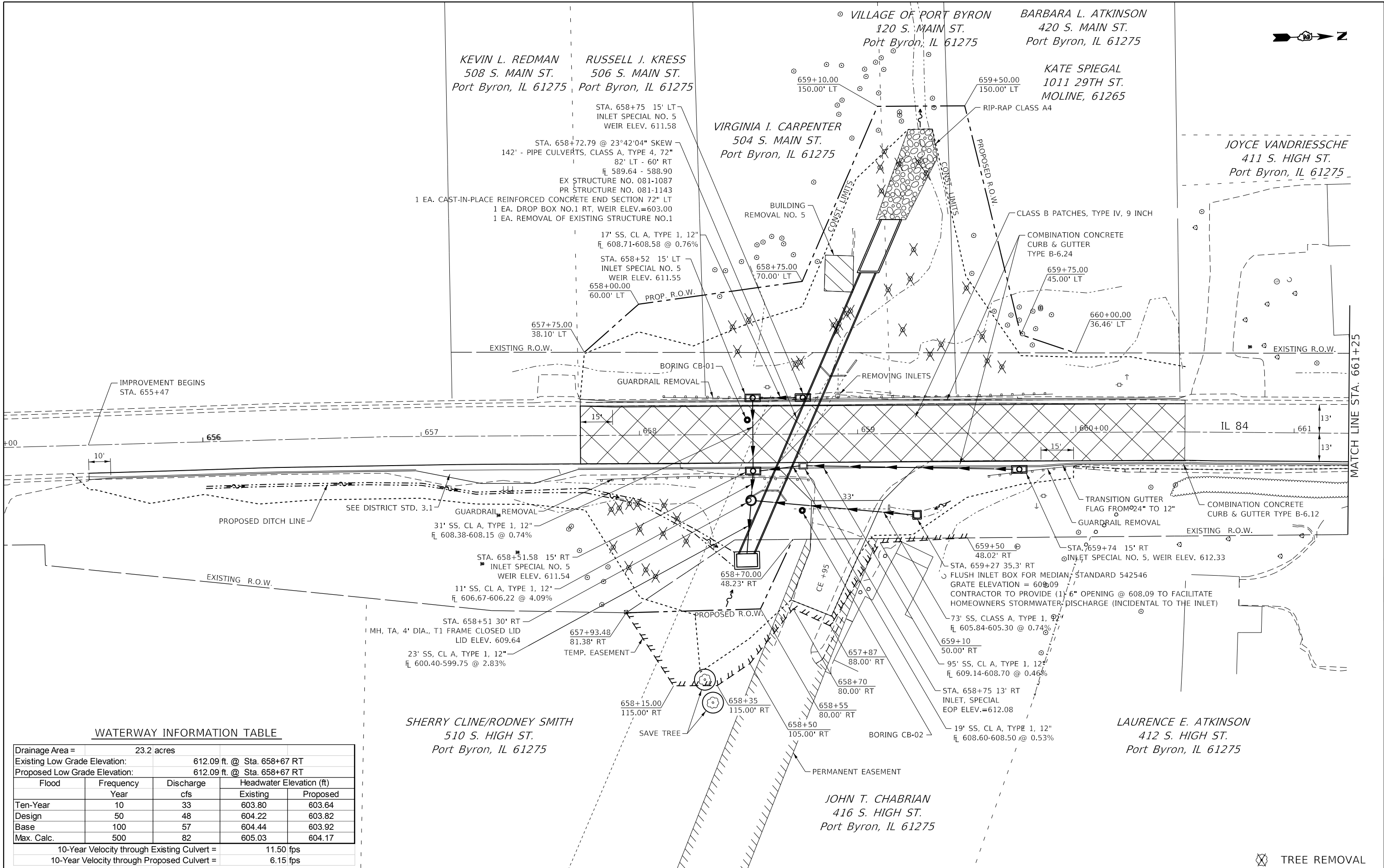
Point 1004 N 1,801,869.9231 E 2,268,995.2568 Sta 115+35.61

Ending chain 256THST\_N description  
=====

| HORIZONTAL CONTROL POINTS |              |              |           |        |              |             |                        |
|---------------------------|--------------|--------------|-----------|--------|--------------|-------------|------------------------|
| POINT                     | NORTH        | EAST         | ELEVATION | CHAIN  | STATION      | OFFSET      | DESCRIPTION            |
| 32                        | 1801528.8357 | 2269045.2045 | 703.6794  | 94THAV | 186+83.21    | 52.6231' RT | TOPO SURVEY POINT, PIN |
| 33                        | 1801600.9749 | 2268328.5072 | 707.7493  | 94THAV | OUT OF CHAIN | -----       | TOPO SURVEY POINT, PIN |

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

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



**WATERWAY INFORMATION TABLE**

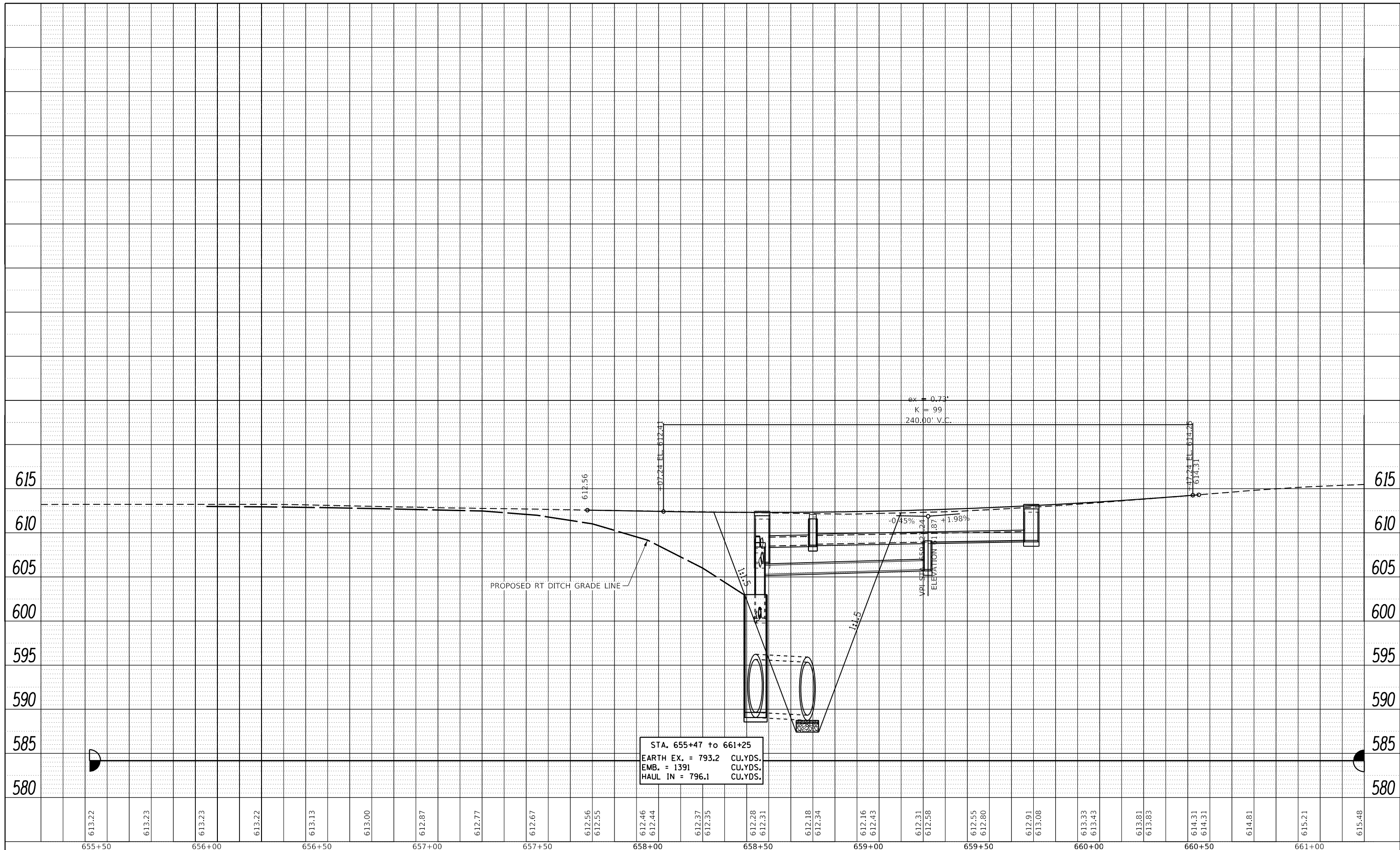
|   |                             |           |           |                          |
|---|-----------------------------|-----------|-----------|--------------------------|
| Drainage Area =                             | 23.2 acres                  |           |           |                          |
| Existing Low Grade Elevation:               | 612.09 ft. @ Sta. 658+67 RT |           |           |                          |
| Proposed Low Grade Elevation:               | 612.09 ft. @ Sta. 658+67 RT |           |           |                          |
|   | Flood                       | Frequency | Discharge | Headwater Elevation (ft) |
|   |                             | Year      | cfs       | Existing                 |
|   |                             |           |           | Proposed                 |
| Ten-Year                                    | 10                          | 33        | 603.80    | 603.64                   |
| Design                                      | 50                          | 48        | 604.22    | 603.82                   |
| Base  | 100                         | 57        | 604.44    | 603.92                   |
| Max. Calc.                                  | 500                         | 82        | 605.03    | 604.17                   |
| 10-Year Velocity through Existing Culvert = | 11.50 fps                   |           |           |                          |
| 10-Year Velocity through Proposed Culvert = | 6.15 fps                    |           |           |                          |





|      |               |    |      |
|------|---------------|----|------|
| PLAN | SURVEYED      | BY | DATE |
|      | PLOTTED       |    |      |
|      | NOTE BOOK NO. |    |      |
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|         | PLOTTED                      |    |      |
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|         | NOTE BOOK NO.                |    |      |



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

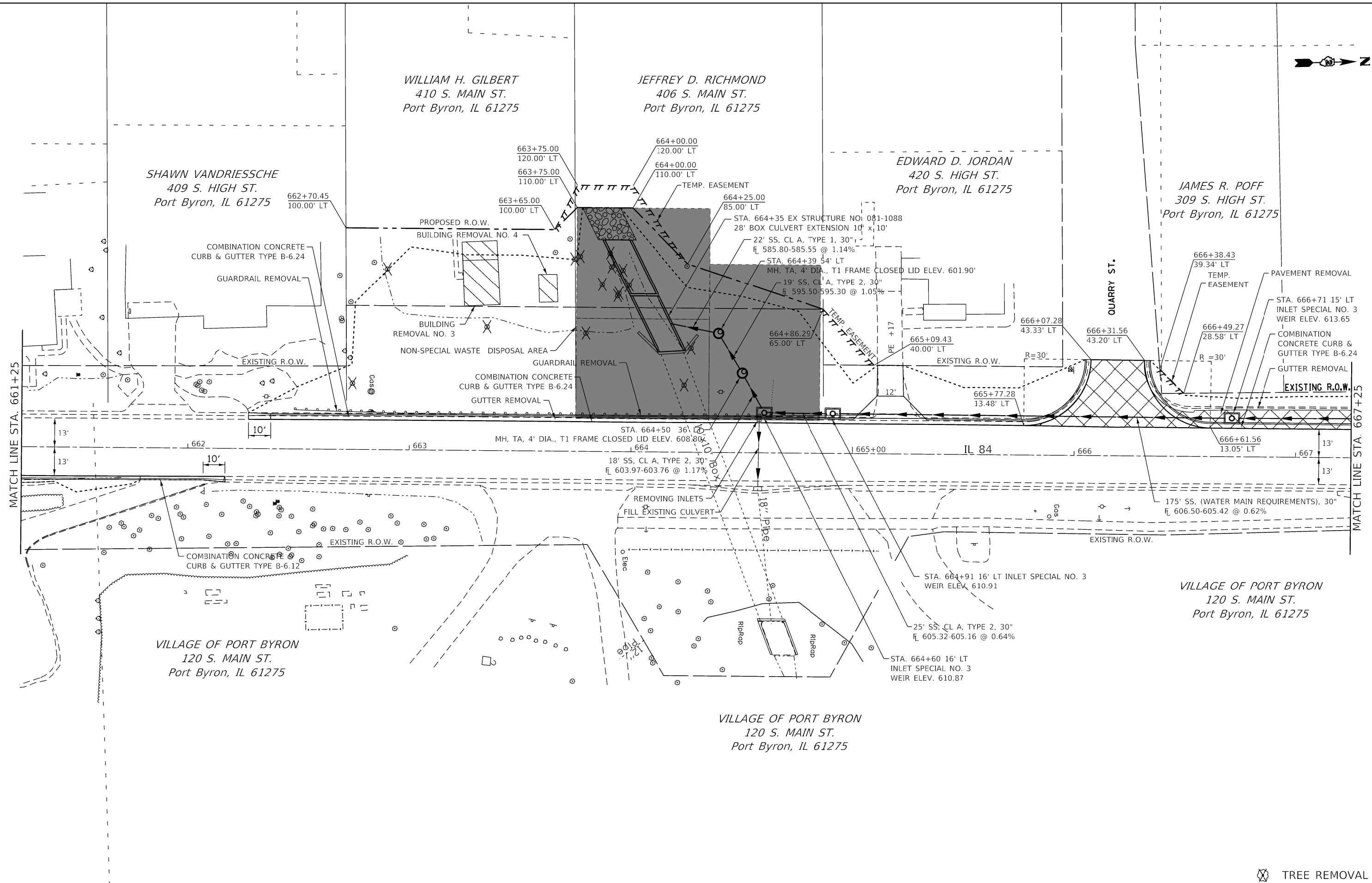
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| <b>IL ROUTE 84<br/>PROFILE</b> |             |    |             |
| SCALE:                         | SHEET       | OF | SHEETS      |
|                                | STA. 655+47 | TO | STA. 661+25 |

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 28        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



|                |  |
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| DATE           |  |
| BY             |  |
| PLAN           |  |
| SURVEYED       |  |
| GRADES CHECKED |  |
| ALIGNED        |  |
| NOTED          |  |
| FILE NAME      |  |
| NO.            |  |

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|----------------|--|
| DATE           |  |
| BY             |  |
| PROFILE        |  |
| SURVEYED       |  |
| GRADES CHECKED |  |
| STRUCTURE      |  |
| NOTATIONS      |  |
| CHFD           |  |
| NO.            |  |



☒ TREE REMOVAL

|             |                       |            |           |
|-------------|-----------------------|------------|-----------|
| FILE NAME = | USER NAME = cushmenbw | DESIGNED - | REVISED - |
|             |                       | DESIGNED - | REVISED - |
|             |                       | CHECKED -  | REVISED - |
|             |                       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

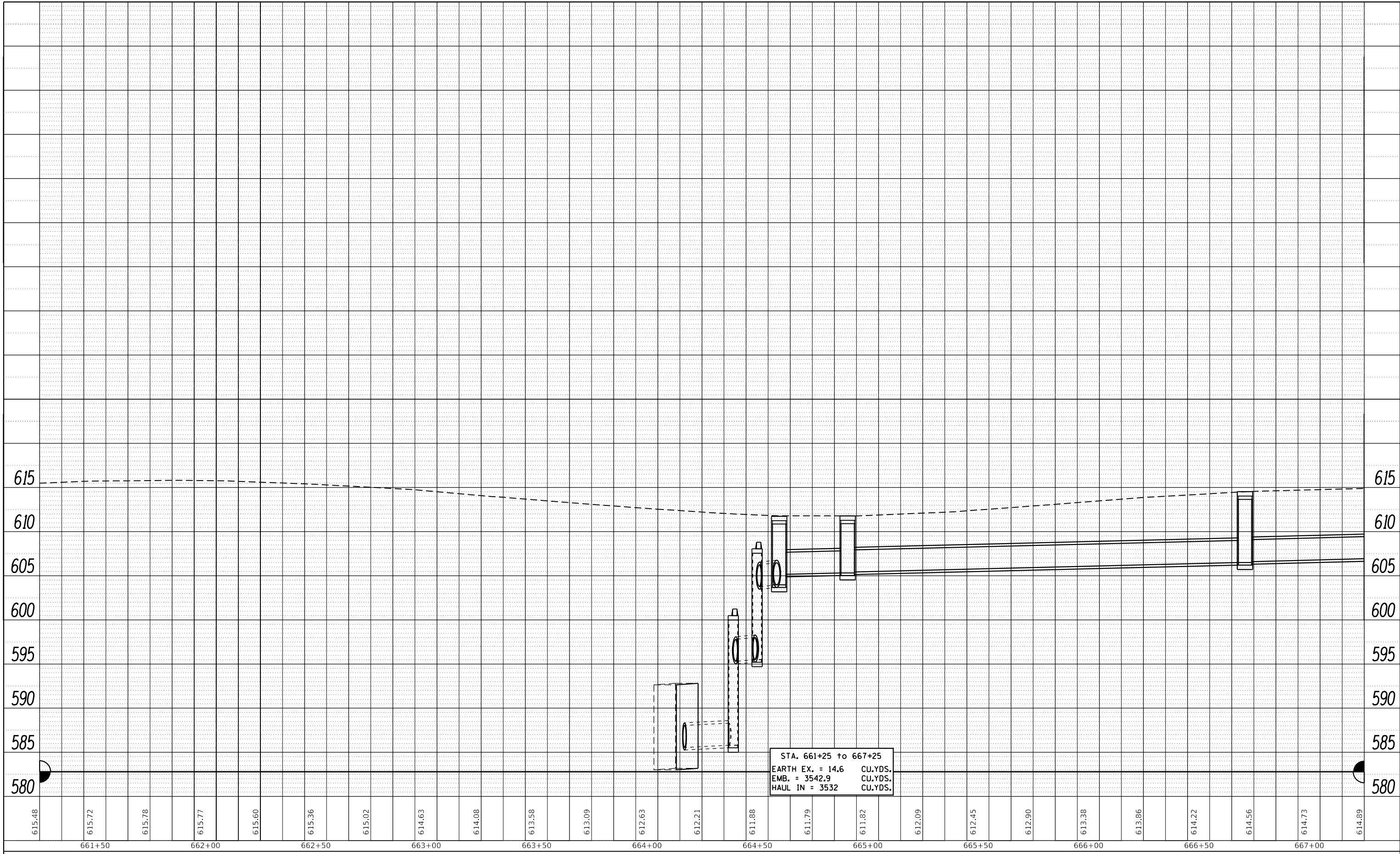
**IL ROUTE 84  
PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 29        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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

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| PROFILE       | SURVEYED                     | DATE |
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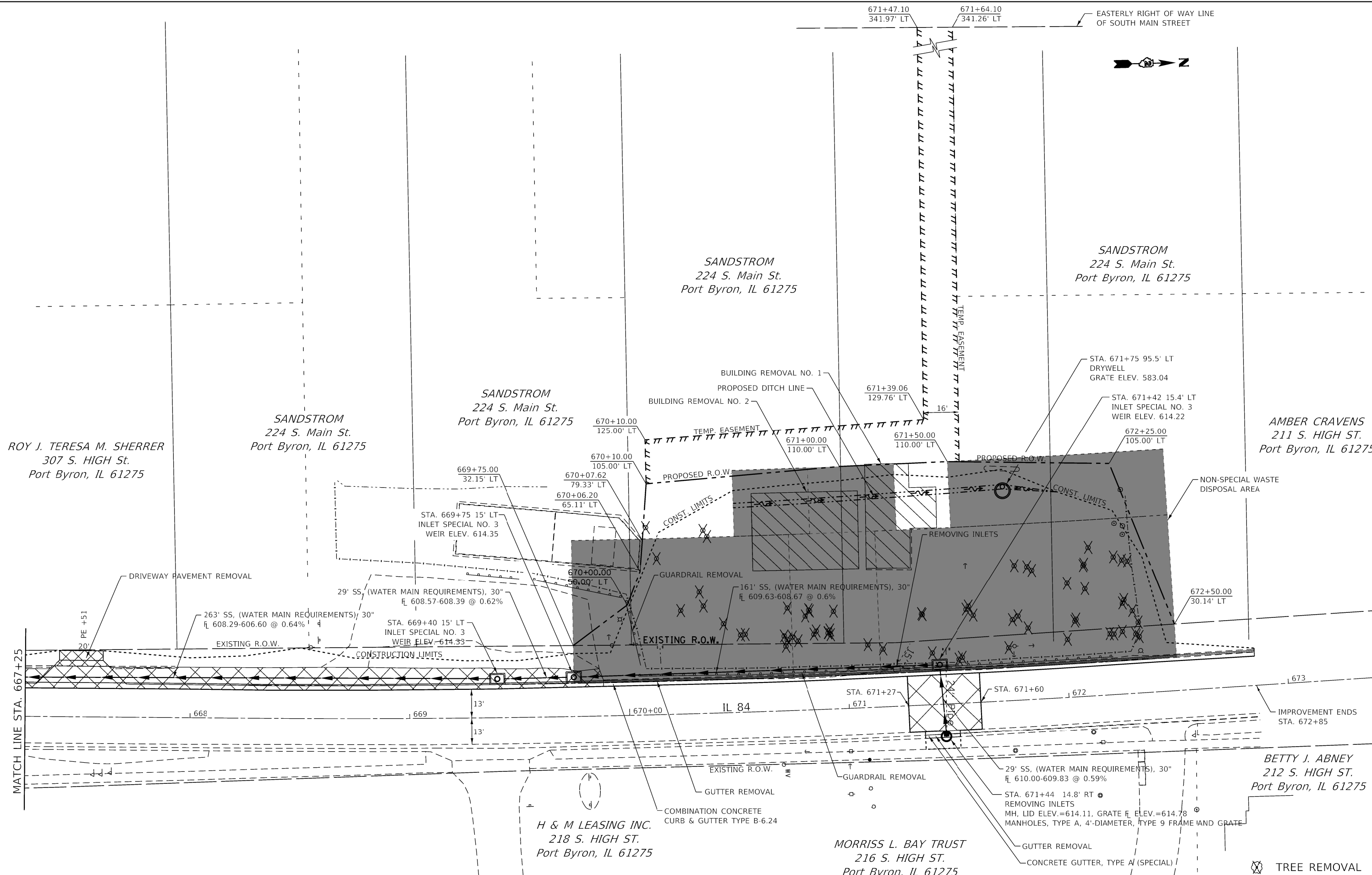
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|   |                                     | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|        |       |    |        |             |                |                           |                    |                    |                 |              |
|--------|-------|----|--------|-------------|----------------|---------------------------|--------------------|--------------------|-----------------|--------------|
| SCALE: | SHEET | OF | SHEETS | STA. 655+47 | TO STA. 661+25 | F.A.P. R.T.E. 308         | SECTION District 2 | COUNTY ROCK ISLAND | TOTAL SHEETS 60 | SHEET NO. 60 |
|        |       |    |        |             |                | ILLINOIS FED. AID PROJECT |                    | CONTRACT NO. 64K06 |                 |              |

|               |                |      |
|---------------|----------------|------|
| PLAN          | SURVEYED       | DATE |
|               | PLOTTED        |      |
|               | ALIGNED        |      |
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| NOTE BOOK NO. | CADD FILE NAME |      |

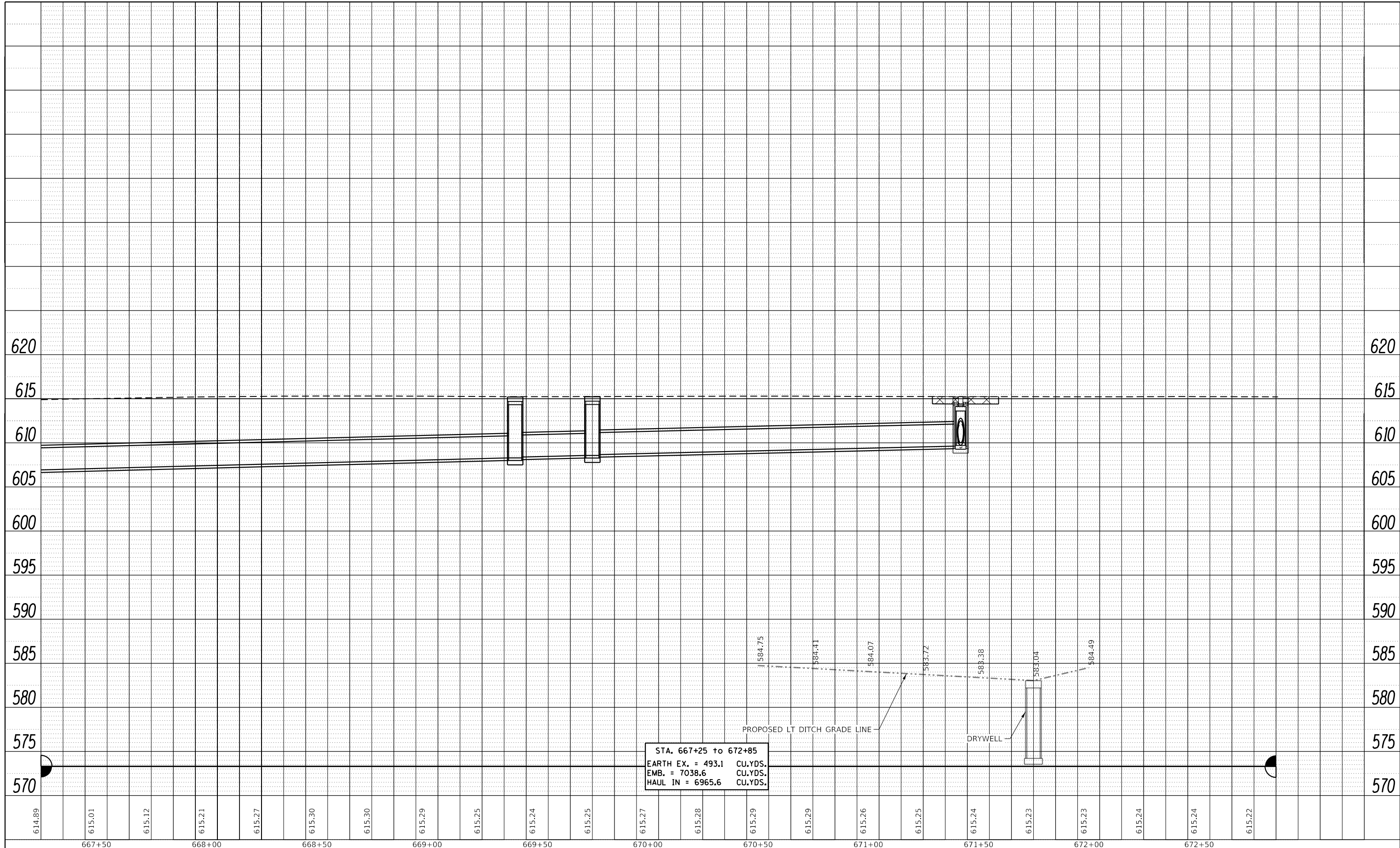
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|               | STRUCTURE NOTATIONS OK'D |      |
| NOTE BOOK NO. |                          |      |



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|             |                       | DATE -     | REVISED - |   | CONTRACT NO. 64K06          |       |             |        | ILLINOIS FED. AID PROJECT |         |        |              |           |
|             |                       |            |           |   | SCALE:                      | SHEET | OF          | SHEETS | STA.                      | TO      | STA.   |              |           |

|      |           |    |      |
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| PLAN | SURVEYED  | BY | DATE |
|      | PLOTTED   |    |      |
|      | ALIGNMENT |    |      |
|      | CHECKED   |    |      |
|      | NO. _____ |    |      |
|      | FILE NAME |    |      |

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



STA. 667+25 to 672+85  
 EARTH EX. = 493.1 CU.YDS.  
 EMB. = 7038.6 CU.YDS.  
 HAUL IN = 6965.6 CU.YDS.

|   |                                     |            |           |
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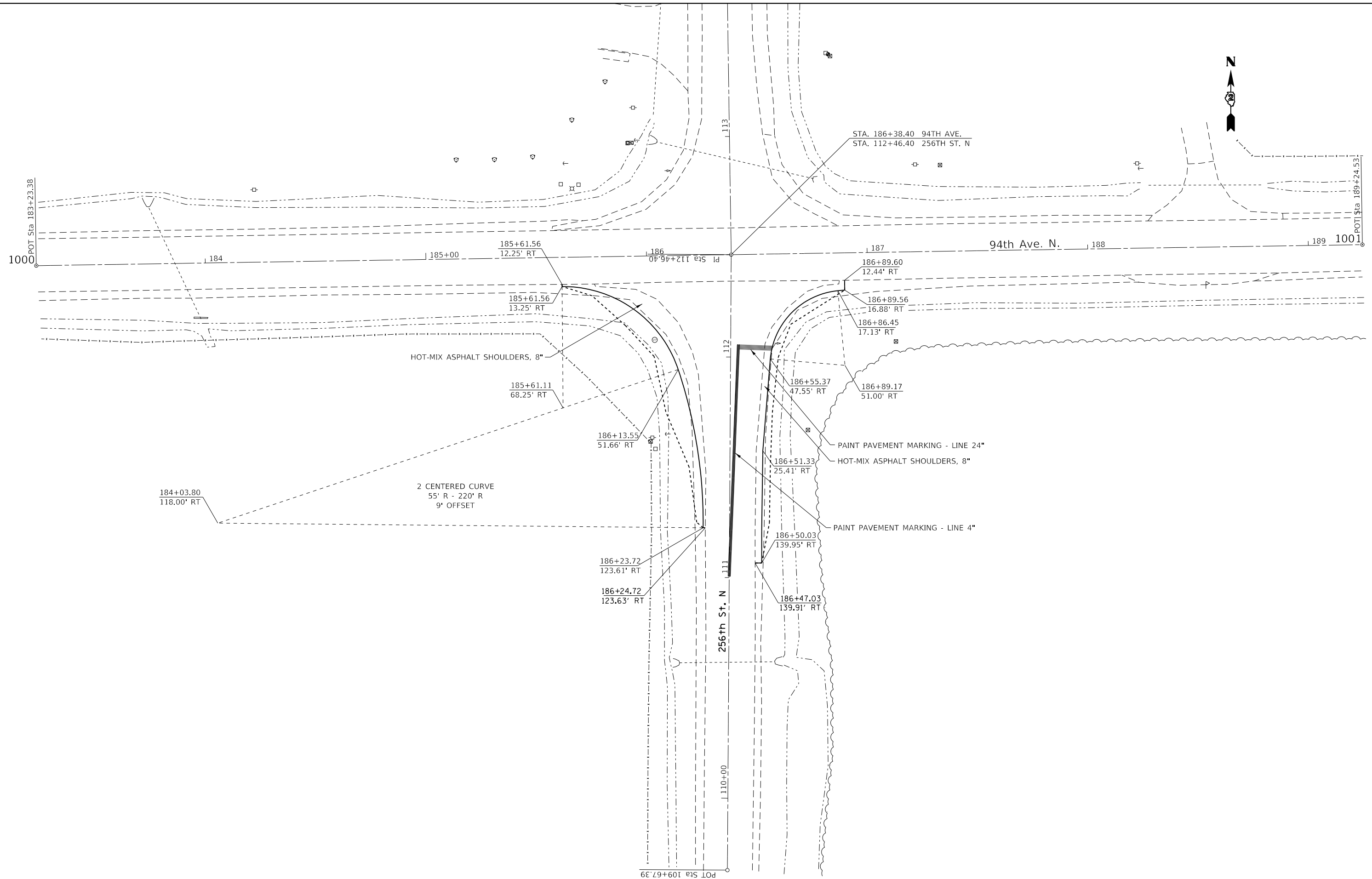
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 84  
 PROFILE**  
 SCALE: SHEET OF SHEETS STA. 655+47 TO STA. 661+25

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 32        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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| PLAN | SURVEYED                    | BY | DATE |
|      | PLOTTED                     |    |      |
|      | GRADES CHECKED              |    |      |
|      | ALIGNMENT CHECKED           |    |      |
|      | STRUCTURE NOTATIONS CHECKED |    |      |
|      | NO. _____                   |    |      |

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|---------|-----------------------------|----|------|
| PROFILE | SURVEYED                    | BY | DATE |
|         | PLOTTED                     |    |      |
|         | GRADES CHECKED              |    |      |
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|         | NO. _____                   |    |      |



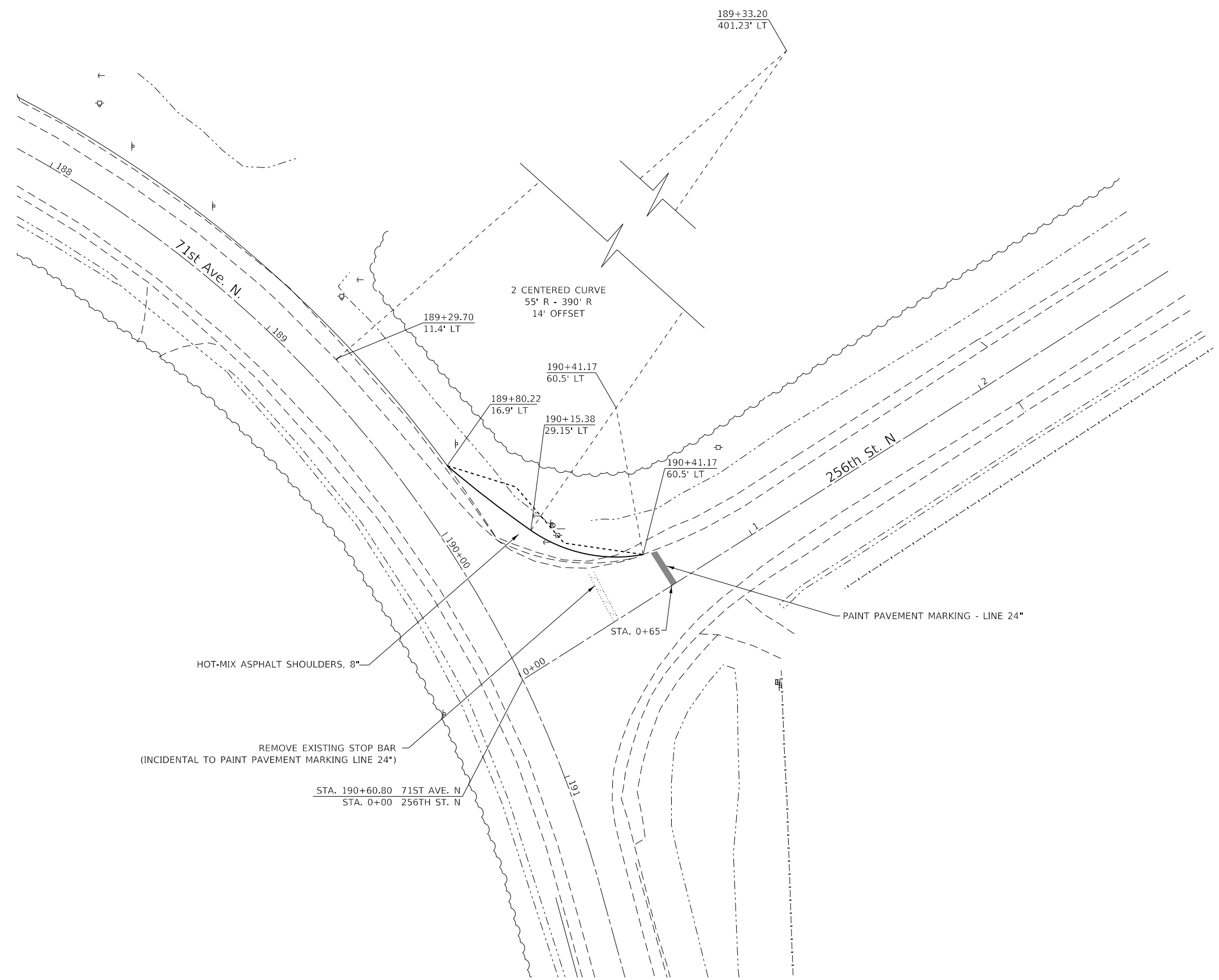
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR RTE. PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|-------------|--------------|-----------|
| 308                       | 111R    | ROCK ISLAND | 117          | 33        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



HOT-MIX ASPHALT SHOULDERS, 8"

REMOVE EXISTING STOP BAR  
(INCIDENTAL TO PAINT PAVEMENT MARKING LINE 24")

STA. 190+60.80 71ST AVE. N  
STA. 0+00 256TH ST. N

2 CENTERED CURVE  
55' R - 390' R  
14' OFFSET

PAINT PAVEMENT MARKING - LINE 24"

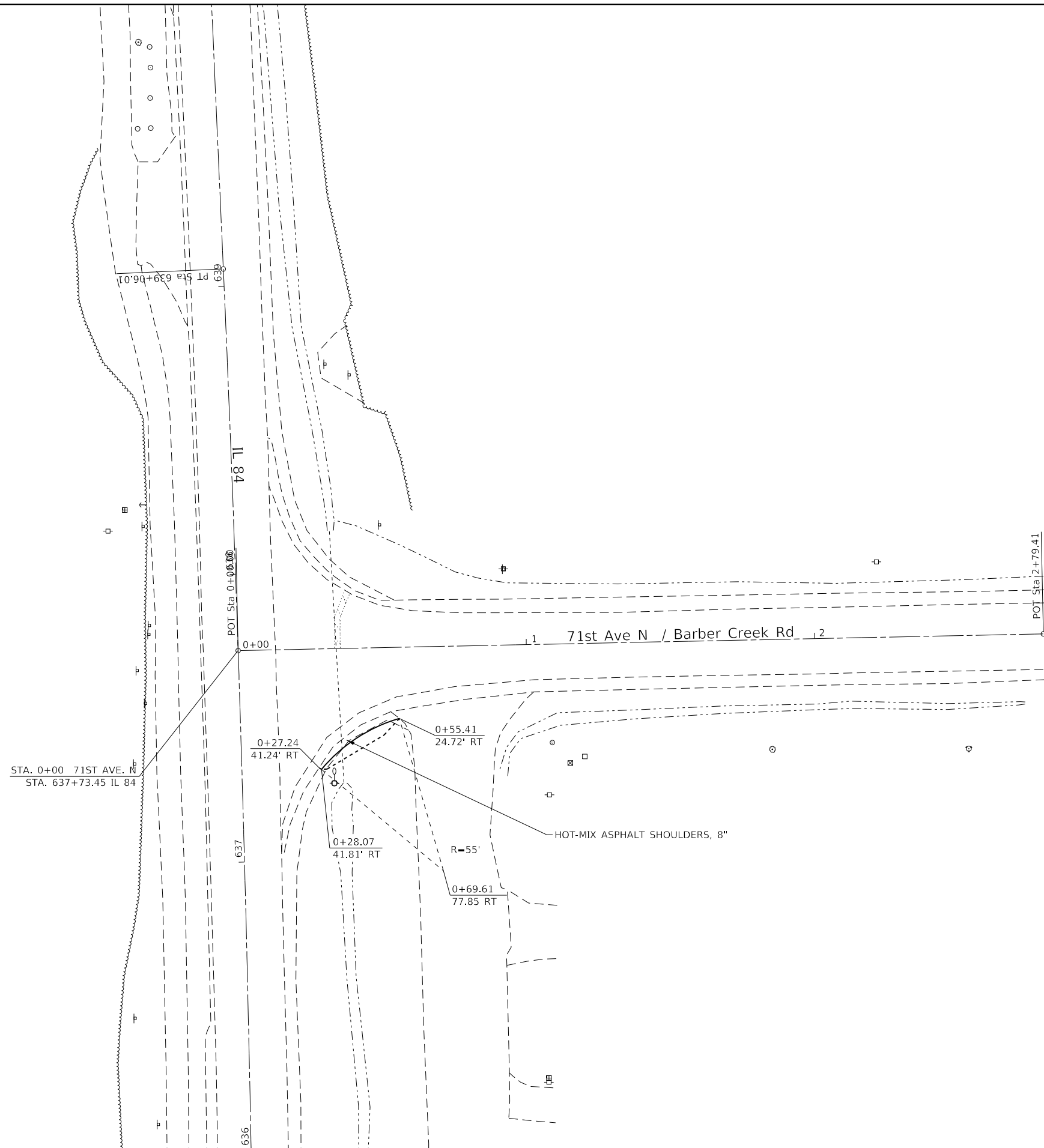
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETOUR RTE. PLAN

|  |                                     |            |           |
|--|-------------------------------------|------------|-----------|
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|        |       |    |        |      |         |
|--------|-------|----|--------|------|---------|
| SCALE: | SHEET | OF | SHEETS | STA. | TO STA. |
|--------|-------|----|--------|------|---------|

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 34        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



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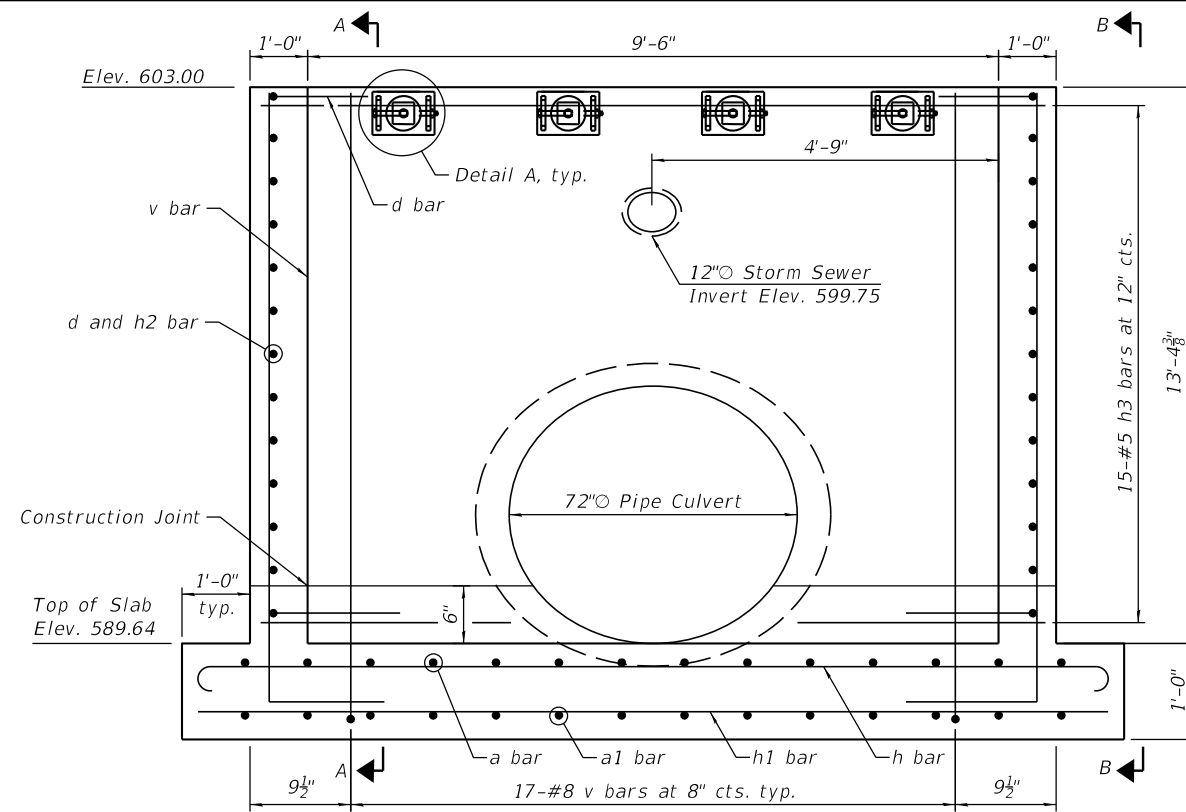
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR RTE. PLAN**

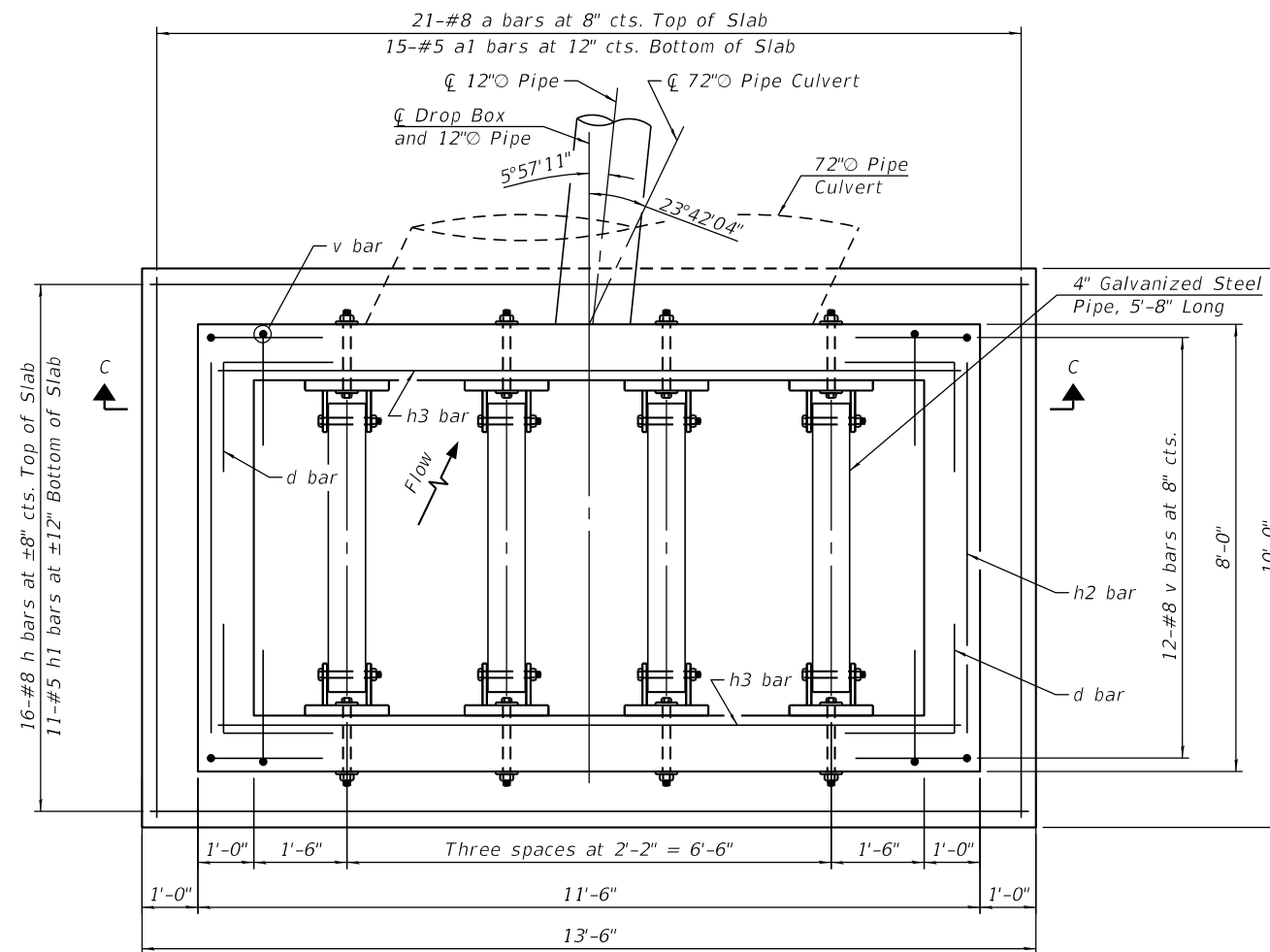
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| 308                       | 111R    | ROCK ISLAND | 117          | 35        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |





**LONG. SECTION**



**PLAN**

**GENERAL NOTES:**

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
2. All exposed concrete edges shall be chamfered  $\frac{3}{4}$ " unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price, per "Each" for Drop Box No. 1 shall include the Concrete Box Culverts, Reinforcement Bars, earth excavation where required, backfilling and necessary grading to fit the structure as shown.
5. The contract unit price "Foot" for Traversable Pipe Grate, Special shall include the steel pipe grate system, steel plates, bolts, nuts and washers.
6. Steel pipes shall conform to ASTM A-53 (Type E or S) Grade B, Schedule 40 and shall be galvanized conforming to ASTM A-120.
7. Steel plates shall conform to AASHTO M-270 and shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts and washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structural shape or plate shall be  $1\frac{1}{2}$ " unless noted otherwise.
11. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
12. This work shall be done according to the applicable portions of Sections 502, 503, 505, 508 and 540 of the Standard Specifications.
13. Fabrication of the Traversable Pipe Grate, Special shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box No. 1.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.

**DESIGN STRESSES**  
**FIELD UNITS**

$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)

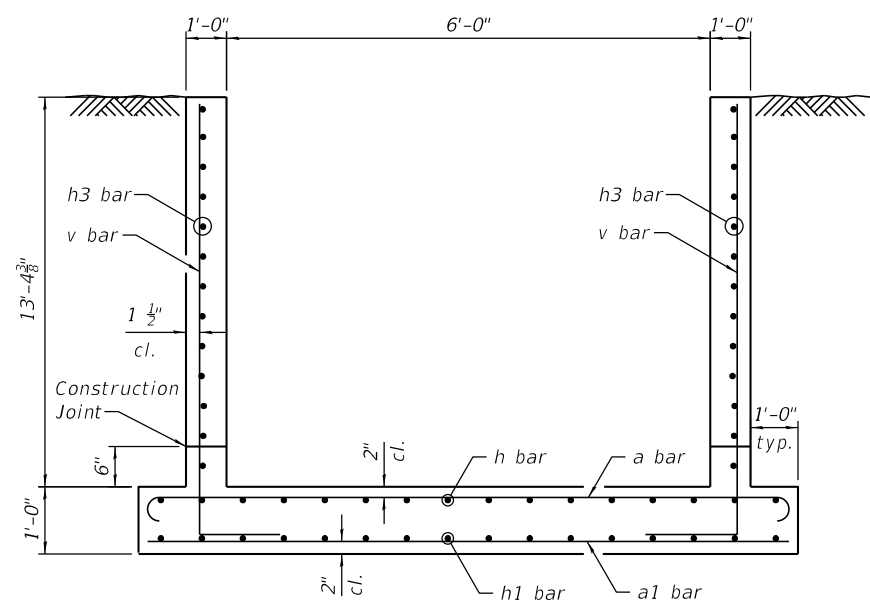
**BILL OF MATERIAL**

| ITEM                            | UNIT | TOTAL  |
|---------------------------------|------|--------|
| Drop Box No. 1                  | Each | 1      |
| Traversable Pipe Grate, Special | Foot | 22'-8" |

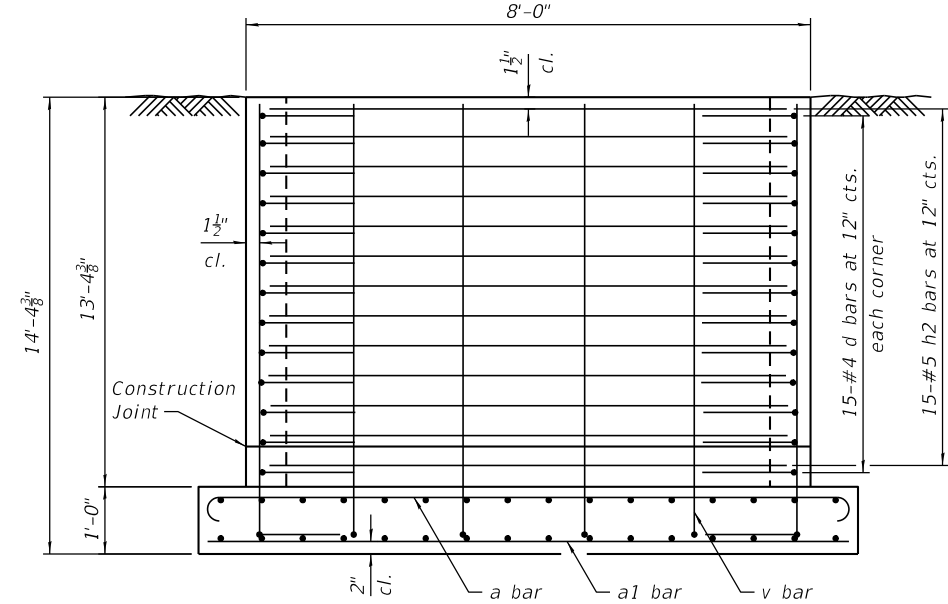


**PLAN & ELEVATION**  
**DROP BOX NO. 1**  
**IL 84 (FAP 308)**  
**STATION 658+49.00 RT**

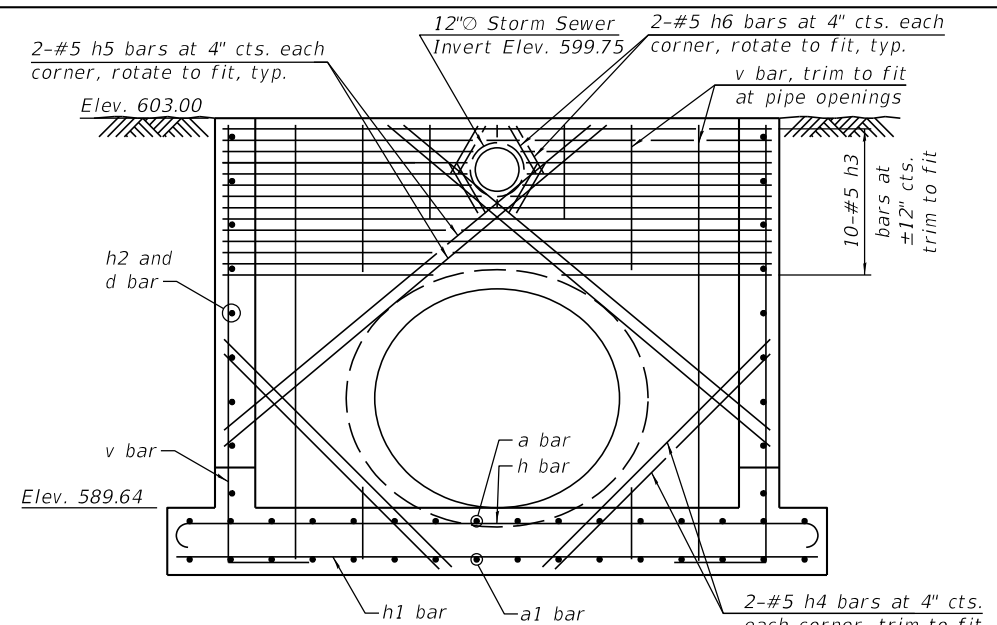
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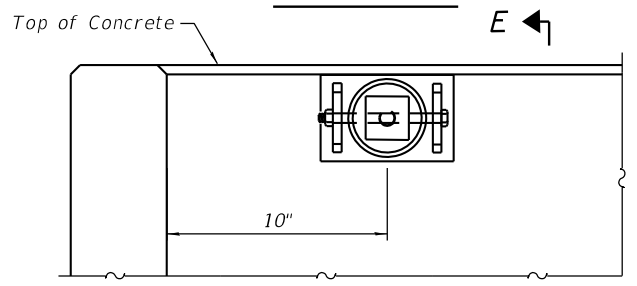
SECTION A-A



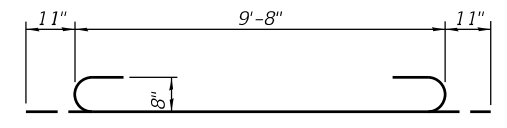
VIEW B-B



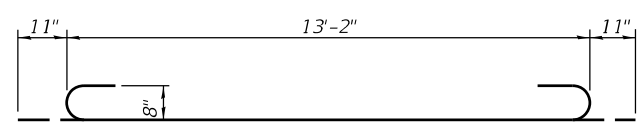
SECTION C-C



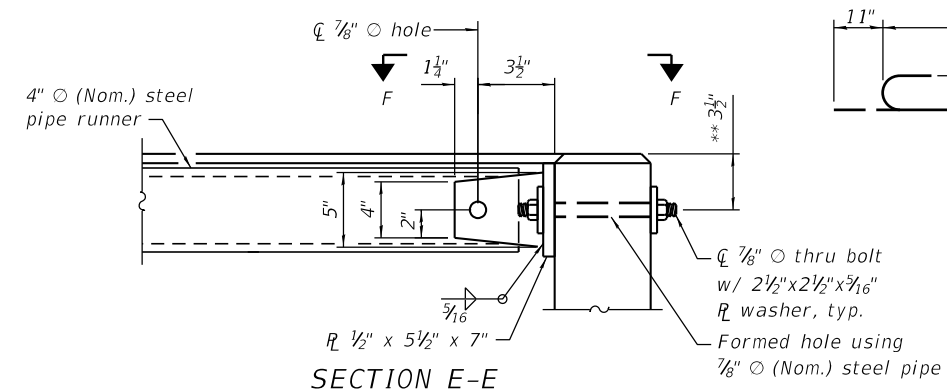
DETAIL A



BAR a

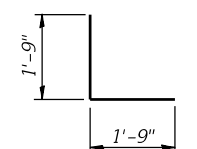


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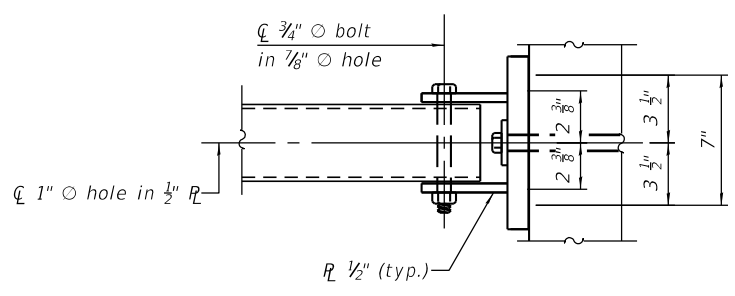


SECTION E-E

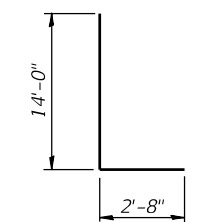
\*\* Measured perpendicular to top of sidewall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert extension with drop box



BAR d



VIEW F-F

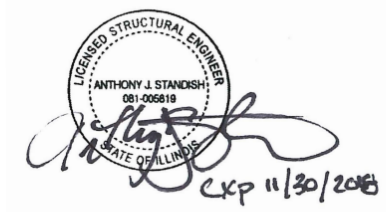


BAR v

**BILL OF MATERIAL**  
(For Information Only)

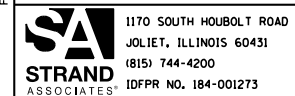
| Bar                   | No. | Size    | Length | Shape |
|-----------------------|-----|---------|--------|-------|
| a                     | 21  | #8      | 11'-6" |       |
| a1                    | 15  | #5      | 9'-8"  |       |
| d                     | 60  | #4      | 3'-6"  |       |
| h                     | 16  | #8      | 14'-6" |       |
| h1                    | 11  | #5      | 13'-2" |       |
| h2                    | 30  | #5      | 7'-9"  |       |
| h3                    | 25  | #5      | 11'-3" |       |
| h4                    | 4   | #5      | 6'-9"  |       |
| h5                    | 4   | #5      | 12'-6" |       |
| h6                    | 8   | #5      | 5'-0"  |       |
| v                     | 58  | #8      | 16'-8" |       |
| DESCRIPTION           |     | UNIT    | QTY.   |       |
| Concrete Box Culverts |     | Cu. Yd. | 21.3   |       |
| Reinforcement Bars    |     | Pound   | 4,940  |       |
| 4" Galv. Steel Pipe   |     | Lin. FT | 22'-8" |       |
| Side Assembly         |     | Each    | 8      |       |

\* Included in Drop Box No. 1  
\*\* Included in Traversable Pipe Grate, Special with all hardware and steel for Assemblies



**DETAILS**  
**DROP BOX NO. 1**  
**IL 84 (FAP 308)**  
**STATION 658+49.00 RT**

FILE NAME = SA\1016300-639916346\097\Drawings\CAD\081-1087 CP&E-2.dgn



|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME = BenL      | DESIGNED - BRL | REVISED - |
| PLOT SCALE =          | CHECKED - AJS  | REVISED - |
| PLOT DATE = 2/27/2018 | DRAWN - BJF    | REVISED - |
|                       | CHECKED - BRL  | REVISED - |

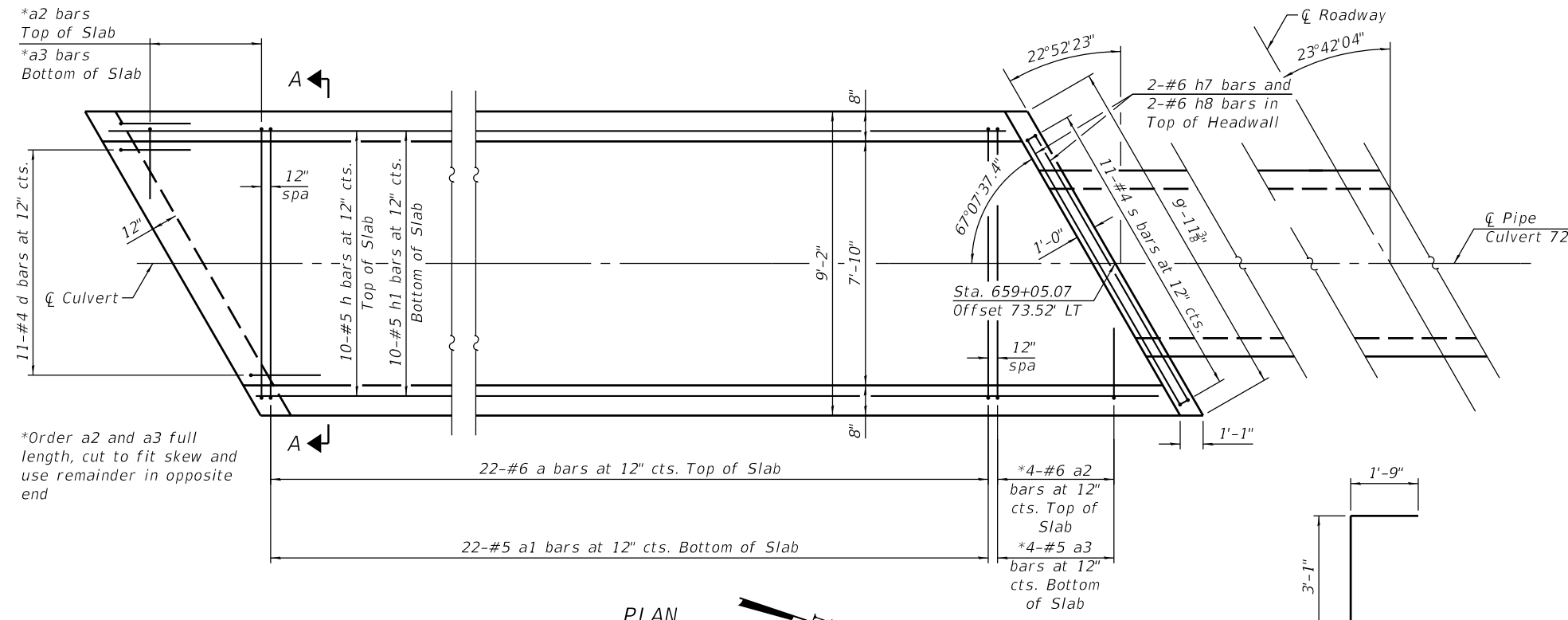
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DROP BOX DETAILS**  
**DROP BOX NO. 1**  
SHEET NO. S2 OF S6 SHEETS

|                           |              |                    |                    |              |
|---------------------------|--------------|--------------------|--------------------|--------------|
| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 37 |
|                           |              |                    | CONTRACT NO. 64K06 |              |
| ILLINOIS FED. AID PROJECT |              |                    |                    |              |

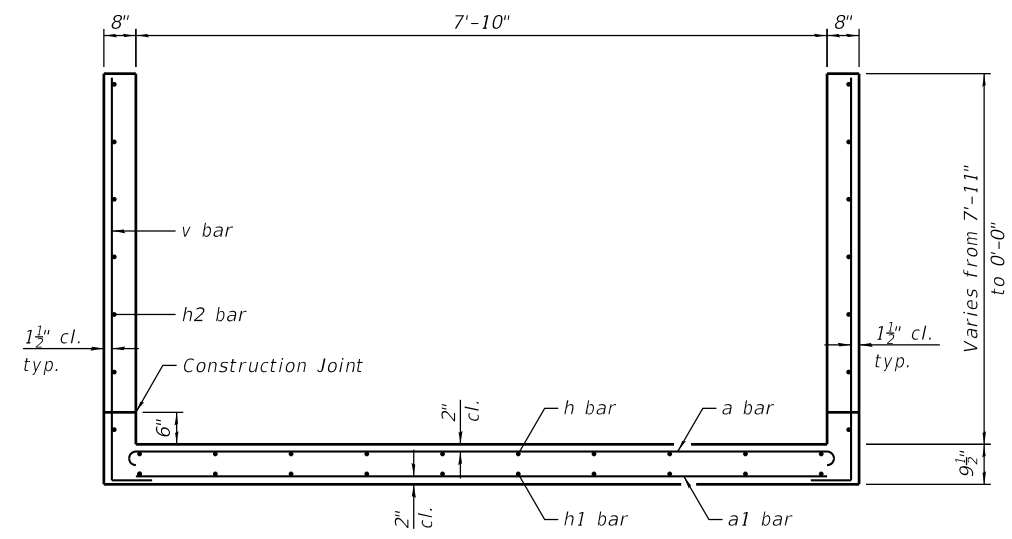
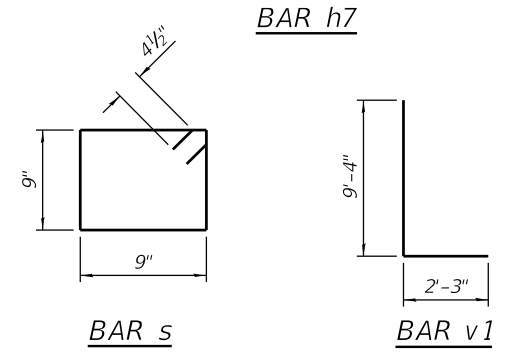
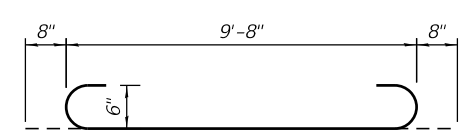
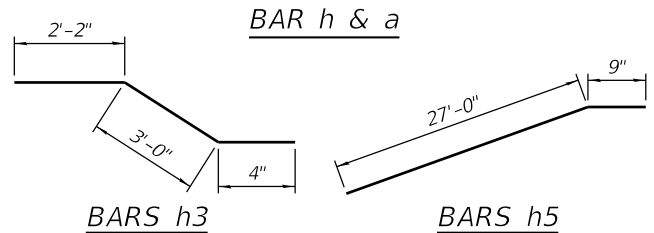
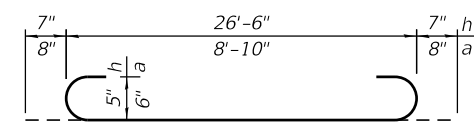
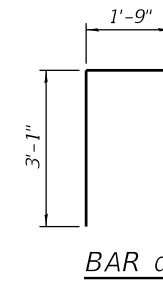
**GENERAL NOTES:**

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
2. All exposed concrete edges shall be chamfered  $\frac{3}{4}$ " unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Cast-In-Place Reinforced Concrete End Section 72 shall include the Concrete Box Culverts, Reinforcement Bars, earth excavation where required, backfilling and necessary grading to fit the structure as shown.
5. This work shall be done according to the applicable portions of Sections 502, 503, 508 and 540 of the Standard Specifications.
6. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Cast-In-Place Reinforced Concrete End Section 72.
7. Backfilling and future excavations shall be performed equally on all sides of the structure.



\*Order a2 and a3 full length, cut to fit skew and use remainder in opposite end

**PLAN**



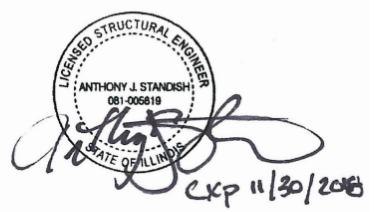
**SECTION A-A**  
(Grating not shown for clarity)

**DESIGN STRESSES**

FIELD UNITS  
 $f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)

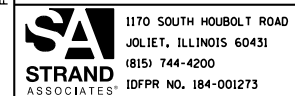
**BILL OF MATERIAL**

| ITEM  | UNIT | TOTAL |
|---|------|-------|
| Cast-In-Place Reinforced Concrete End Section 72" | Each | 1     |



**PLAN & ELEVATION**  
**CAST-IN-PLACE END SECTION**  
**IL 84 (FAP 308)**  
**STATION 658+72.79 LT**

FILE NAME = S:\101\63200-63391\6346\097\Drawings\CAD\081-1087 CP&E-4.dgn

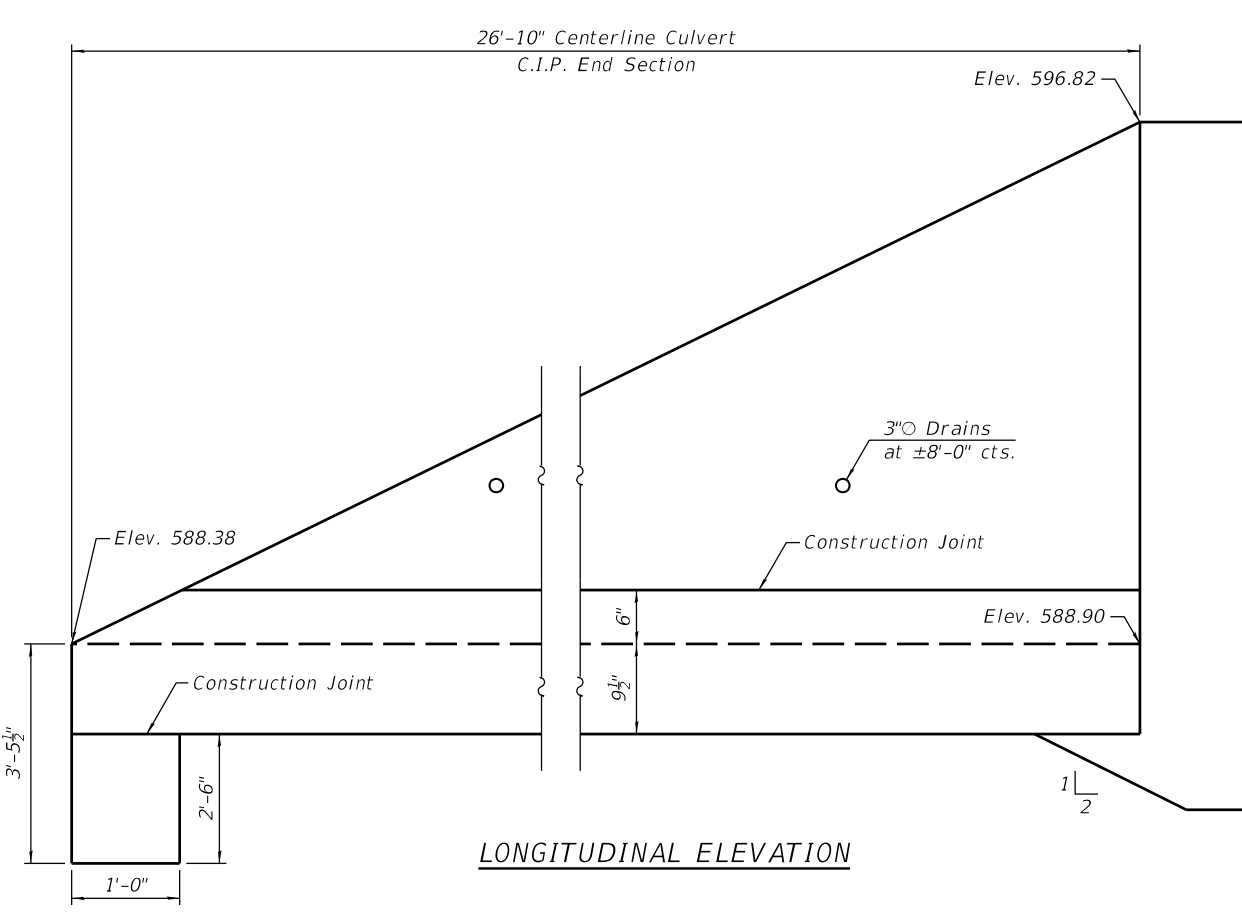
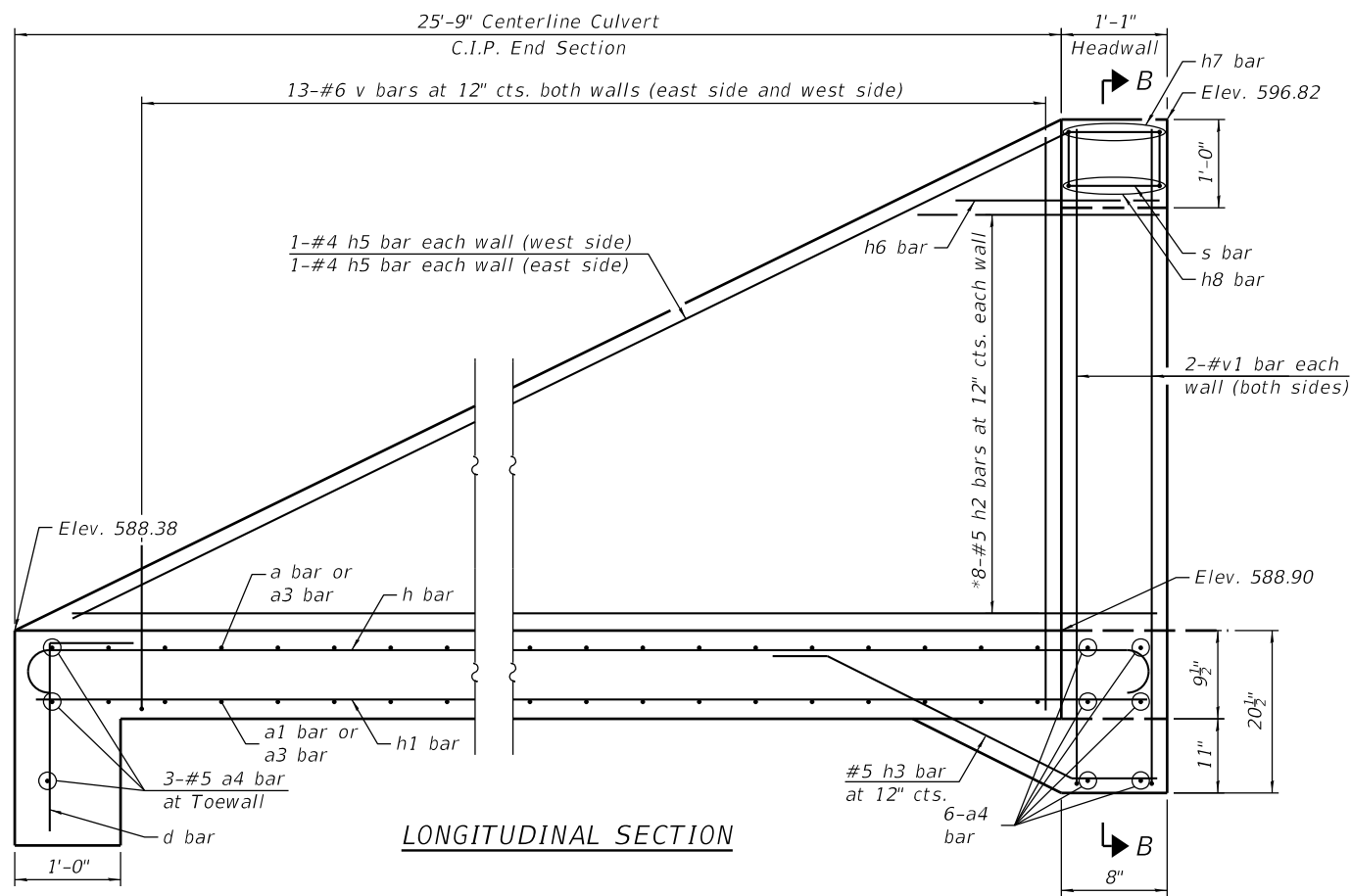


|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME = BenL      | DESIGNED - BRL | REVISED - |
| PLOT SCALE =          | CHECKED - AJS  | REVISED - |
| PLOT DATE = 2/27/2018 | DRAWN - BJF    | REVISED - |
|                       | CHECKED - BRL  | REVISED - |

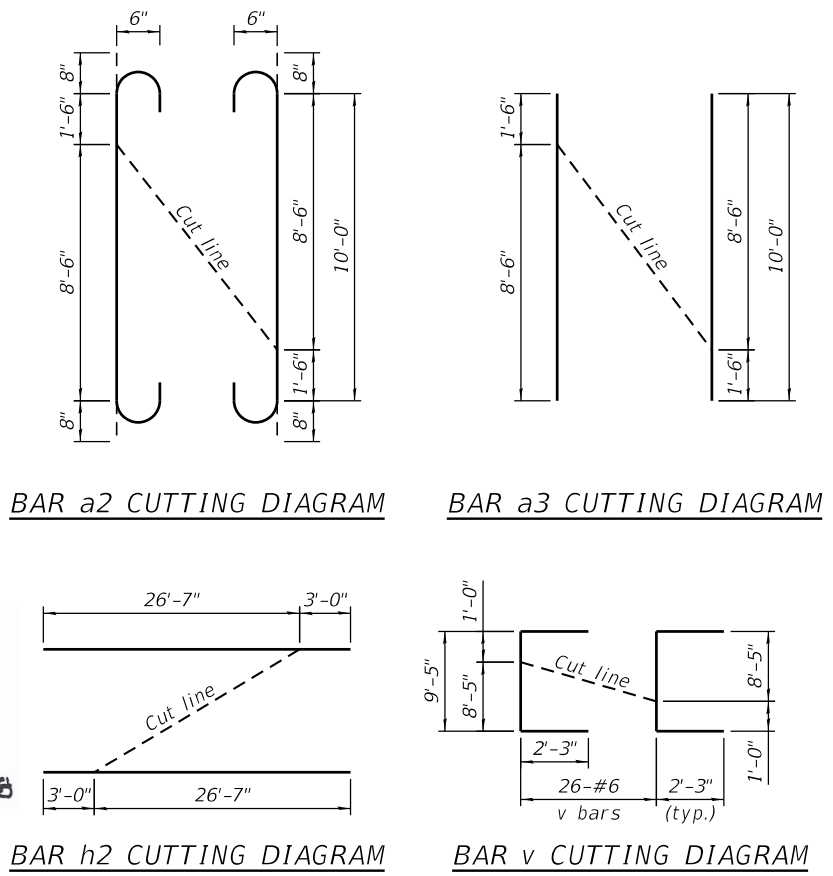
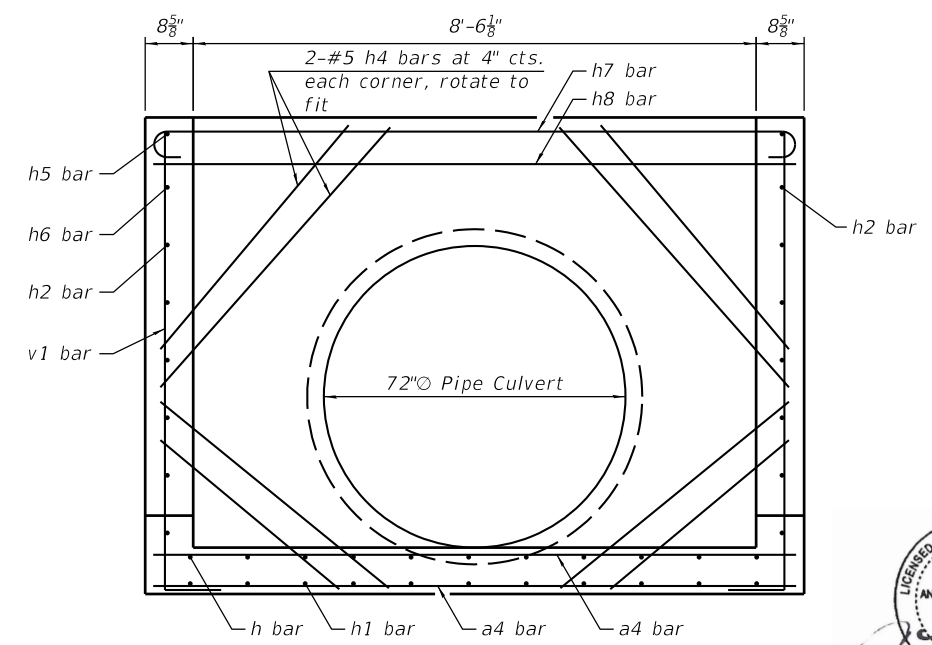
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION**  
**CAST-IN-PLACE END SECTION**  
 SHEET NO. S3 OF S6 SHEETS

|                           |              |                    |                  |              |
|---------------------------|--------------|--------------------|------------------|--------------|
| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117 | SHEET NO. 38 |
| CONTRACT NO. 64K06        |              |                    |                  |              |
| ILLINOIS FED. AID PROJECT |              |                    |                  |              |



\*Order v and h2 bars full length cut to fit and use remainder in opposite wall



**BILL OF MATERIAL**  
(For Information Only)

| Bar | No. | Size | Length  | Shape |
|-----|-----|------|---------|-------|
| a   | 22  | #6   | 10'-2"  | U     |
| a1  | 22  | #5   | 8'-10"  | U     |
| a2  | 4   | #6   | 11'-4"  | U     |
| a3  | 4   | #5   | 10'-0"  | U     |
| a4  | 9   | #5   | 9'-7"   | U     |
| d   | 11  | #4   | 4'-10"  | L     |
| h   | 10  | #5   | 27'-8"  | U     |
| h1  | 10  | #5   | 26'-6"  | U     |
| h2  | 8   | #5   | 29'-7"  | U     |
| h3  | 10  | #5   | 5'-6"   | U     |
| h4  | 8   | #5   | 7'-0"   | U     |
| h5  | 2   | #5   | 27'-9"  | U     |
| h6  | 2   | #5   | 3'-0"   | U     |
| h7  | 2   | #6   | 11'-0"  | U     |
| h8  | 2   | #6   | 9'-8"   | U     |
| s   | 11  | #4   | 3'-9"   | □     |
| v   | 26  | #6   | 13'-11" | U     |
| v1  | 4   | #6   | 11'-7"  | U     |

\* Concrete Box Culverts Cu. Yd. 16.4  
\* Reinforcement Bars Pound 2,470  
\* Included in Cast-In-Place Reinforced Concrete End Section, 72"

ANTHONY J. STANDISH  
081-006619  
STATE OF ILLINOIS  
EXPIRES 11/30/2018

**DETAILS**  
**CAST-IN-PLACE END SECTION**  
**IL 84 (FAP 308)**  
**STATION 658+72.79 LT**

FILE NAME = S:\JULIET\63200-63393\6346\097\Drawings\CAD\081-1087\CPAE-5.dgn

**SA**  
**STRAND**  
ASSOCIATES  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
IDFPR NO. 184-001273

|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME = BenL      | DESIGNED - BRL | REVISED - |
| PLOT SCALE =          | CHECKED - AJS  | REVISED - |
| PLOT DATE = 2/27/2018 | DRAWN - BJF    | REVISED - |
|                       | CHECKED - BRL  | REVISED - |

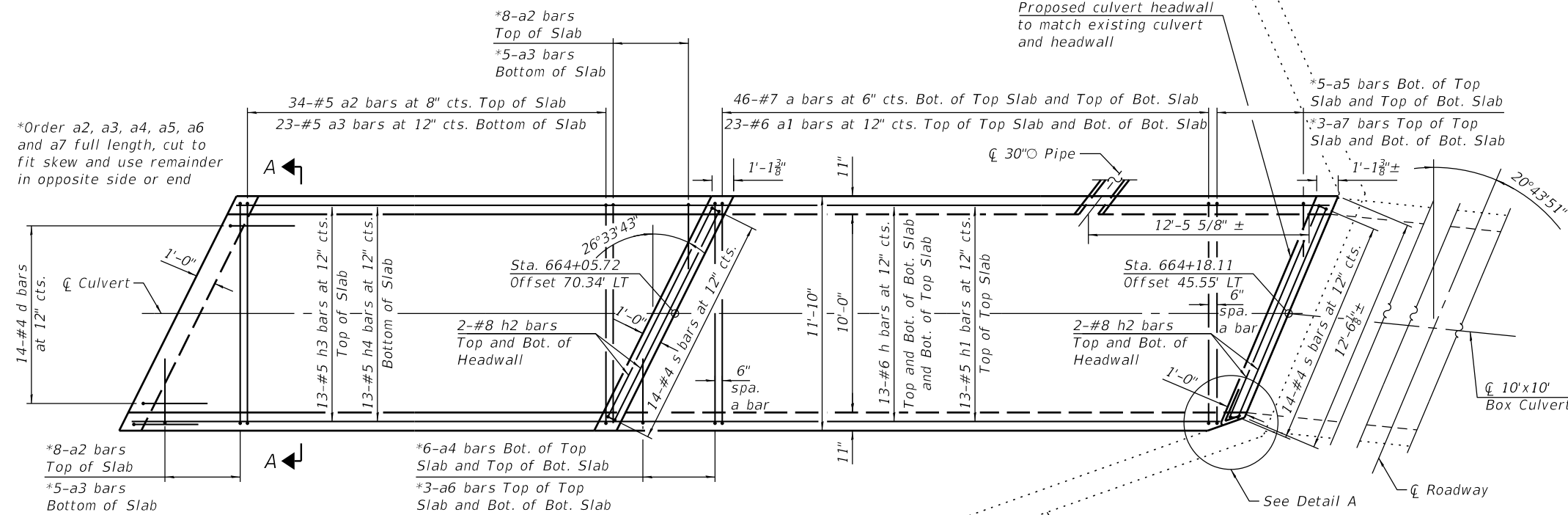
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DETAILS**  
**CAST-IN-PLACE END SECTION**  
SHEET NO. S4 OF S6 SHEETS

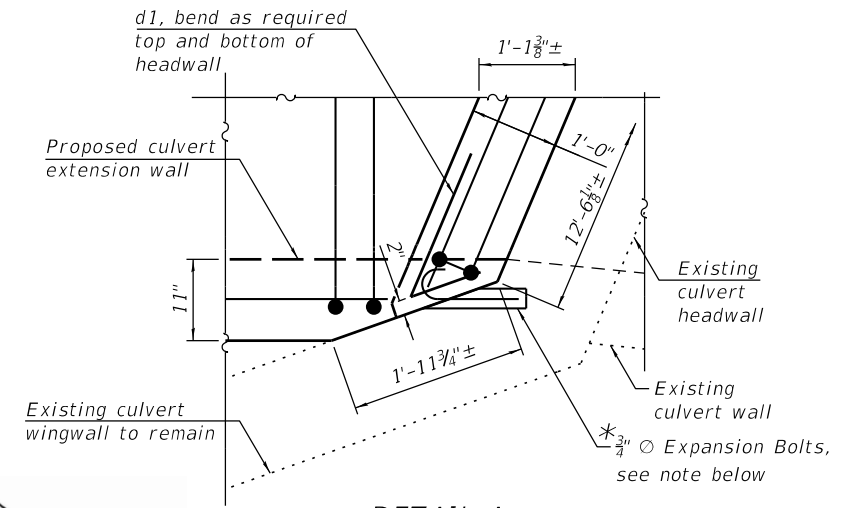
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|-------------|--------------|-----------|
| 308                       | 111R    | ROCK ISLAND | 117          | 39        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

**GENERAL NOTES:**

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
2. All exposed concrete edges shall be chamfered  $\frac{3}{4}$ " unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price, per "Cu Yd" for Concrete Box Culvert shall include the Concrete Box Culverts, Reinforcement Bars, expansion bolts and necessary hardware with materials for anchoring, earth excavation where required, backfilling and necessary grading to fit the structure as shown.
5. This work shall be done according to the applicable portions of Sections 502, 503, 505, 508 and 540 of the Standard Specifications.
6. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Box Culvert End Sections, Culvert No. 1 and Concrete Box Culverts.
7. Backfilling and future excavations shall be performed equally on all sides of the structure.



**PLAN**



**DETAIL A**

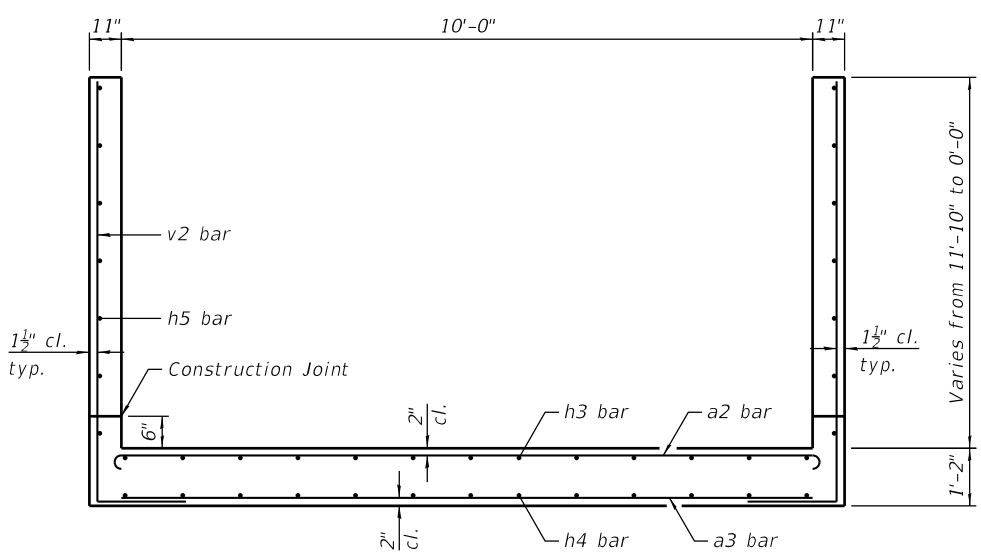
LICENSED STRUCTURAL ENGINEER  
ANTHONY J. STANDISH  
081-006818  
STATE OF ILLINOIS  
EXP 11/30/2018

**DESIGN STRESSES**

FIELD UNITS  
f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)

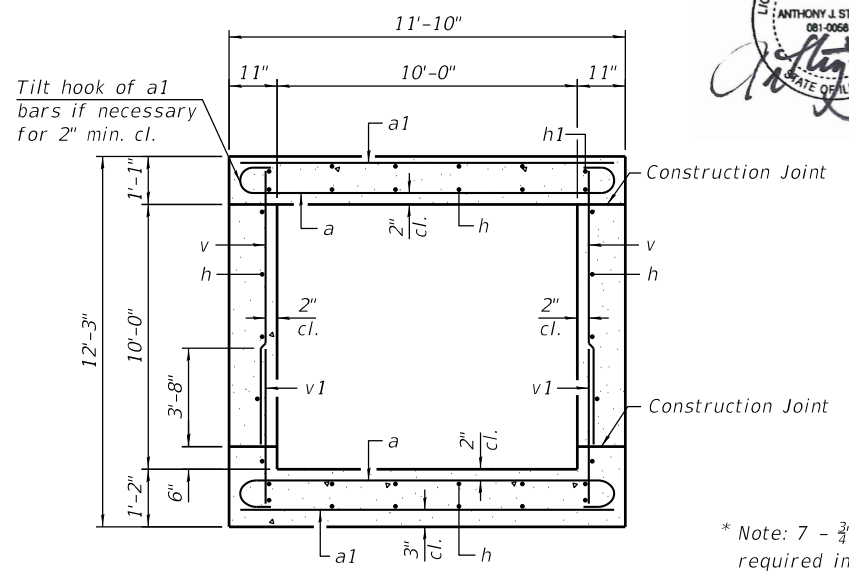
**BILL OF MATERIAL**

| ITEM                  | UNIT  | TOTAL |
|-----------------------|-------|-------|
| Concrete Box Culverts | Cu Yd | 77    |



**SECTION A-A**

(Grating not shown for clarity)

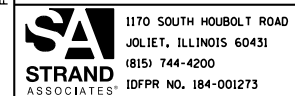


**\*SECTION THRU BARREL**

\* Note: 7 -  $\frac{3}{4}$ " Expansion Bolts @ 23" spa. are required in each vertical wall, and 5 -  $\frac{3}{4}$ " Expansion Bolts @ 23" spa. are required in each horizontal slab. 24 Expansion Anchors required in total.

**PLAN & ELEVATION  
CULVERT EXTENSION  
& END SECTION  
IL 84 (FAP 308)  
STATION 664+35.00 LT**

FILE NAME = SA\101\63200-63391\6346\_097\Drawings\CAD\081-1088\_DPAE-1.dgn



|                       |                |           |
|-----------------------|----------------|-----------|
| USER NAME = BenL      | DESIGNED - BRL | REVISED - |
| PLOT SCALE =          | CHECKED - AJS  | REVISED - |
| PLOT DATE = 2/27/2018 | DRAWN - BJF    | REVISED - |
|                       | CHECKED - BRL  | REVISED - |

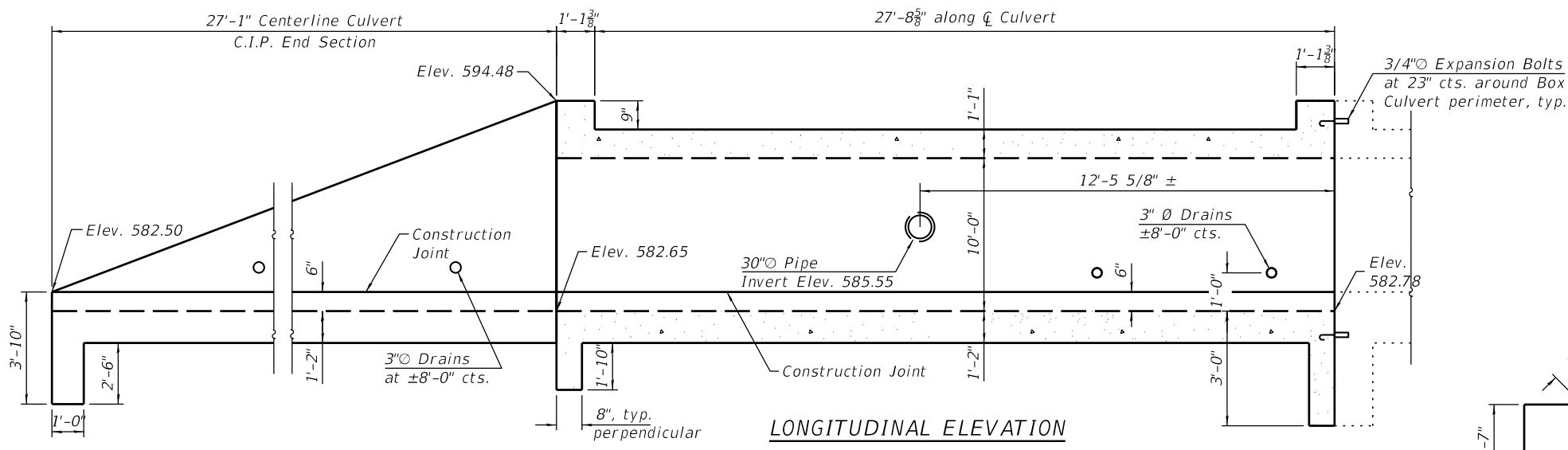
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION  
CULVERT EXTENSION AND END SECTION**

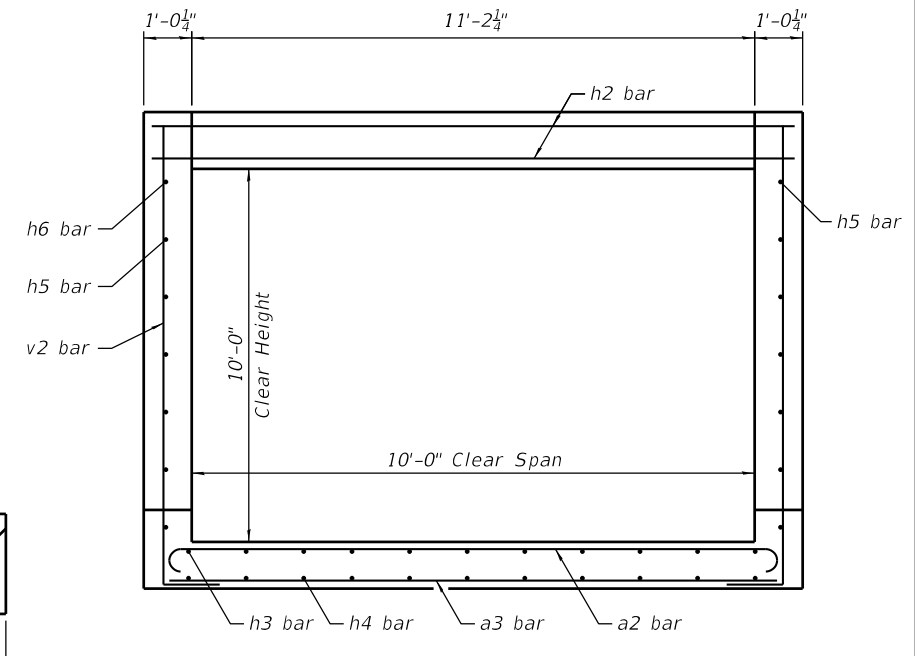
SHEET NO. 55 OF 56 SHEETS

| F.A.P. RTE.        | SECTION | COUNTY      | TOTAL SHEETS              | SHEET NO. |
|--------------------|---------|-------------|---------------------------|-----------|
| 308                | 111R    | ROCK ISLAND | 117                       | 40        |
| CONTRACT NO. 64K06 |         |             | ILLINOIS FED. AID PROJECT |           |

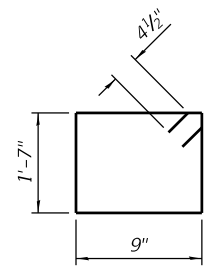




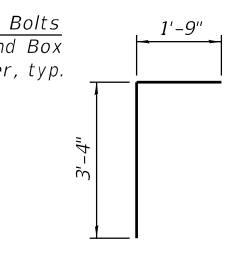
**LONGITUDINAL ELEVATION**



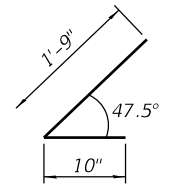
**SECTION B-B**  
(Grating not shown for clarity)



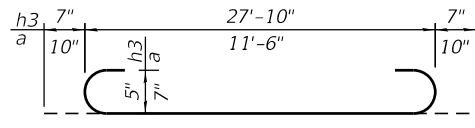
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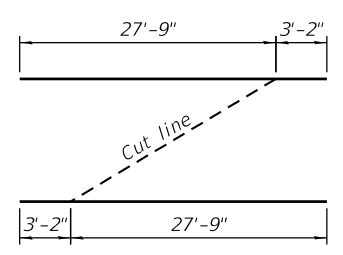
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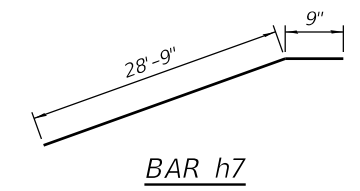
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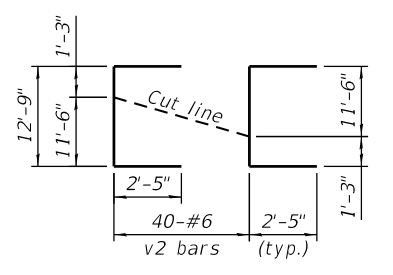
**BARS a, & h3**



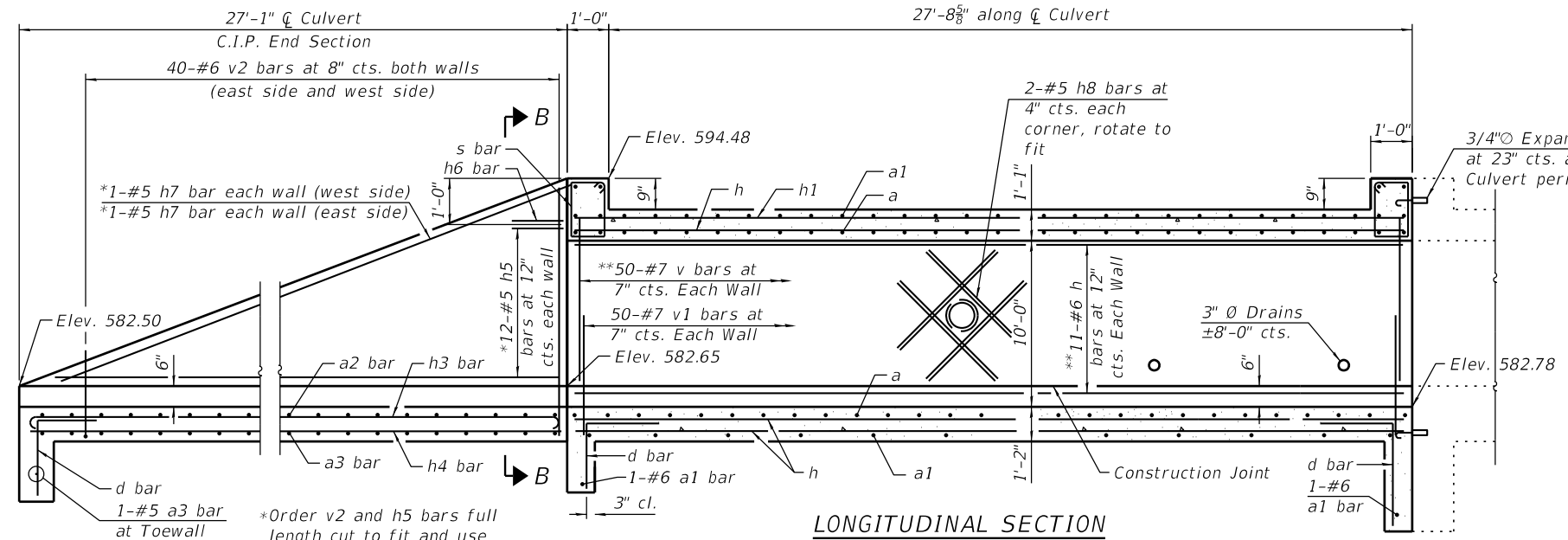
**BAR h5 CUTTING DIAGRAM**



**BAR h7**



**BAR v2 CUTTING DIAGRAM**



**LONGITUDINAL SECTION**

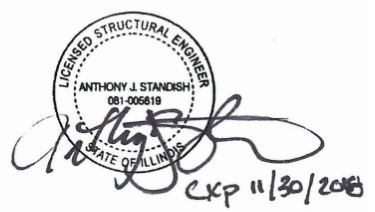
\*Order v2 and h5 bars full length cut to fit and use remainder in opposite wall  
\*\*Cut v, v1 and h bars as required to fit around 30" pipe

**BILL OF MATERIAL**  
(For Information Only)

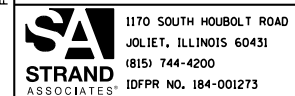
| Bar                      | No. | Size | Length  | Shape   |        |
|--------------------------|-----|------|---------|---------|--------|
| a                        | 92  | #7   | 13'-2"  | U       |        |
| a1                       | 48  | #6   | 11'-6"  | —       |        |
| a2                       | 42  | #5   | 12'-8"  | U       |        |
| a3                       | 29  | #5   | 11'-6"  | —       |        |
| a4                       | 6   | #7   | 14'-3"  | U       |        |
| a5                       | 5   | #7   | 14'-9"  | U       |        |
| a6                       | 3   | #6   | 12'-7"  | —       |        |
| a7                       | 3   | #6   | 13'-1"  | —       |        |
| d                        | 42  | #4   | 5'-3"   | L       |        |
| d1                       | 2   | #4   | 2'-7"   | L       |        |
| h                        | 61  | #6   | 28'-5"  | —       |        |
| h1                       | 14  | #5   | 28'-5"  | —       |        |
| h2                       | 8   | #8   | 13'-0"  | —       |        |
| h3                       | 13  | #5   | 29'-0"  | U       |        |
| h4                       | 13  | #5   | 27'-0"  | U       |        |
| h5                       | 12  | #5   | 30'-11" | —       |        |
| h6                       | 2   | #5   | 3'-0"   | —       |        |
| h7                       | 4   | #5   | 29'-8"  | —       |        |
| h8                       | 8   | #5   | 8'-6"   | —       |        |
| s                        | 28  | #4   | 5'-5"   | □       |        |
| v                        | 100 | #7   | 10'-5"  | —       |        |
| v1                       | 100 | #7   | 5'-1"   | —       |        |
| v2                       | 40  | #6   | 15'-2"  | U       |        |
| * Concrete Box Culverts  |     |      |         | Cu. Yd. | 29.1   |
| ** Concrete Box Culverts |     |      |         | Cu. Yd. | 47.3   |
| * Reinforcement Bars     |     |      |         | Pound   | 3,340  |
| ** Reinforcement Bars    |     |      |         | Pound   | 10,300 |

\* Quantity associated with CIP End Section  
\*\* Quantity associated with Culvert Extension

**DETAILS**  
**CULVERT EXTENSION**  
**& END SECTION**  
**IL 84 (FAP 308)**  
**STATION 664+35.00 LT**



FILE NAME = S:\101\63200-63391\6346\097\Drawings\CAD\081-1088 CP&E-2.dgn



|                       |                |          |
|-----------------------|----------------|----------|
| USER NAME = BenL      | DESIGNED - BRL | REVISD - |
| PLOT SCALE =          | CHECKED - AUS  | REVISD - |
| PLOT DATE = 2/27/2018 | DRAWN - BJF    | REVISD - |
|                       | CHECKED - BRL  | REVISD - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

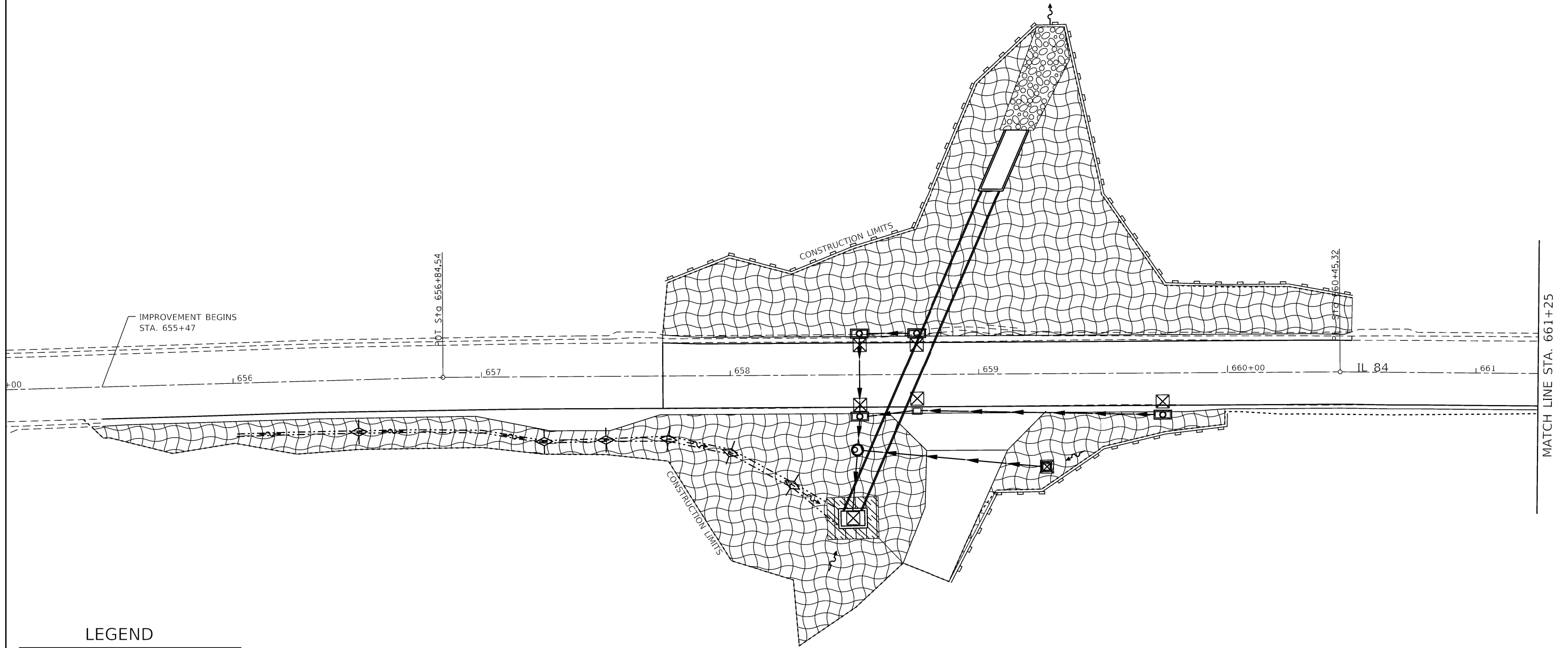
**DETAILS**  
**CULVERT EXTENSION AND END SECTION**  
SHEET NO. 56 OF 56 SHEETS

| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|-------------|--------------|-----------|
| 308                       | 111R    | ROCK ISLAND | 117          | 41        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



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

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



**LEGEND**

|  |                             |
|--|-----------------------------|
|  | = MULCH METHOD 3            |
|  | = EROSION CONTROL BLANKET   |
|  | = TURF REINFORCEMENT MAT    |
|  | = RIP RAP                   |
|  | = TEMPORARY DITCH CHECKS    |
|  | = PERIMETER EROSION BARRIER |
|  | = INLET PIPE PROTECTION     |

SEEDING DETAIL - LEFT & RIGHT

BACKSLOPE & BEYOND:

CLASS 1

FORESLOPE & DITCH BOTTOM:

CLASS 1

|  |                                     |            |           |
|--|-------------------------------------|------------|-----------|
| FILE NAME =  | USER NAME = cushmenbw               | DESIGNED - | REVISED - |
| p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\2017\4\Drawings\CADsheets\201714-shr-erosion.dwg |                                     | DRAWN -    | REVISED - |
| Default  | PLOT SCALE = 40.0000' / in.         | CHECKED -  | REVISED - |
|  | PLOT DATE = Mar-07-2018 01:16:45 PM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL**

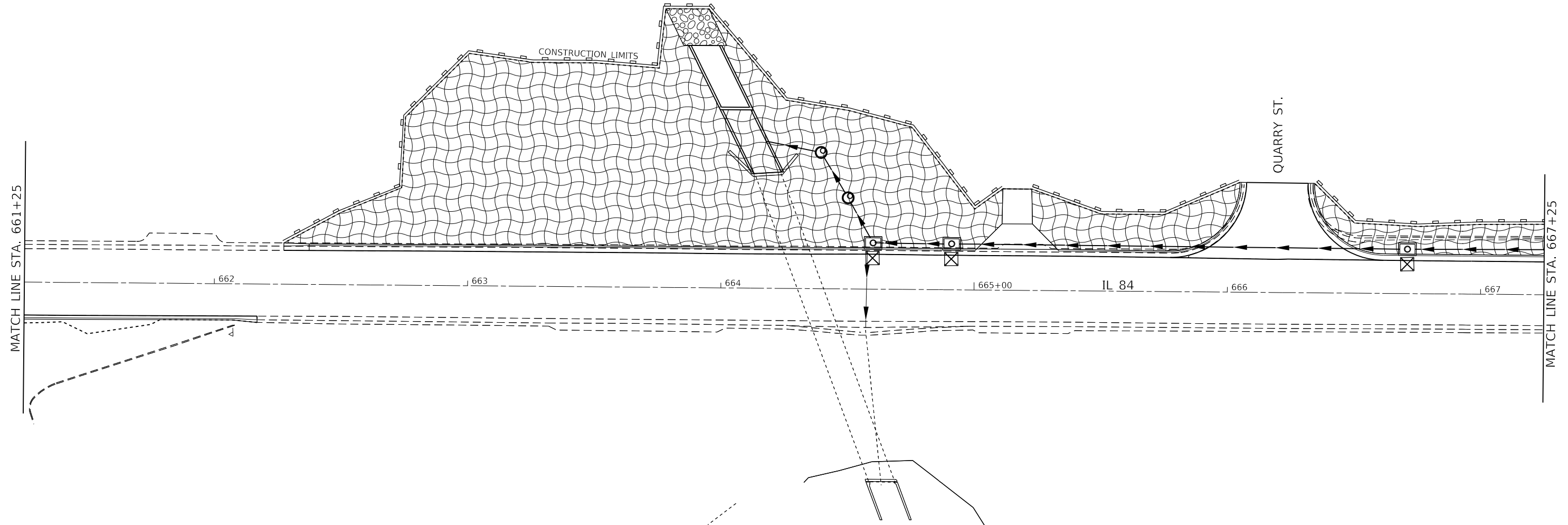
SCALE: SHEET OF SHEETS STA. 655+47 TO STA. 661+25

|                    |         |             |                           |           |
|--------------------|---------|-------------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION | COUNTY      | TOTAL SHEETS              | SHEET NO. |
| 308                | 111R    | ROCK ISLAND | 117                       | 42        |
| CONTRACT NO. 64K06 |         |             | ILLINOIS FED. AID PROJECT |           |



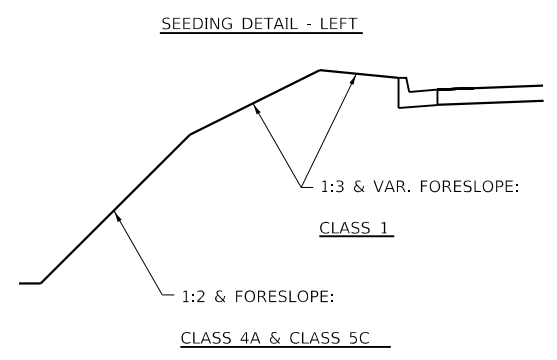
|               |                |      |
|---------------|----------------|------|
| PLAN          | SURVEYED       | DATE |
|               | PLOTTED        |      |
|               | ALIGNED        |      |
|               | CHECKED        |      |
|               | FILED          |      |
| NOTE BOOK NO. | CADD FILE NAME |      |

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



**LEGEND**

|  |                             |
|--|-----------------------------|
|  | = MULCH METHOD 3            |
|  | = EROSION CONTROL BLANKET   |
|  | = TURF REINFORCEMENT MAT    |
|  | = RIP RAP                   |
|  | = TEMPORARY DITCH CHECKS    |
|  | = PERIMETER EROSION BARRIER |
|  | = INLET PIPE PROTECTION     |



|   |                                     |            |           |
|---|-------------------------------------|------------|-----------|
| FILE NAME =   | USER NAME = cushmenbw               | DESIGNED - | REVISED - |
| p:\1\084EBIDINTEG.allinois.gov\PI\DOT\Documents\IDOT Offices\District 2\Projects\2017\DRAWING\CAD\Sheets\201714-shr-erosion.dwg |                                     | DRAWN -    | REVISED - |
| Default   | PLOT SCALE = 40.0000' / in.         | CHECKED -  | REVISED - |
|   | PLOT DATE = Mar-07-2018 01:17:01 PM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL**

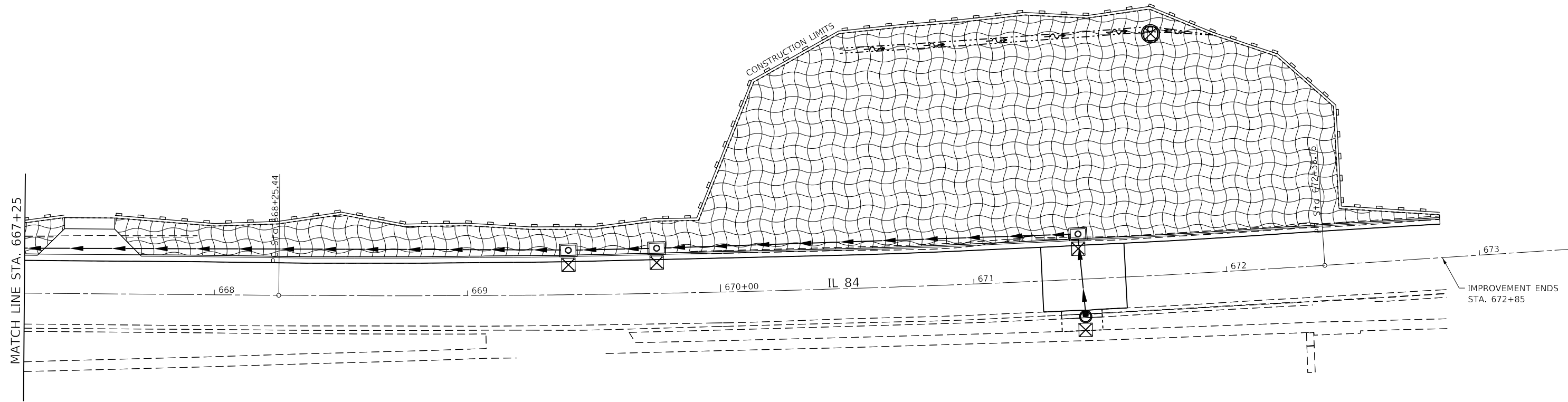
SCALE: SHEET OF SHEETS STA. TO STA.

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 43        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

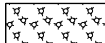








|               |                |      |
|---------------|----------------|------|
| PLAN          | SURVEYED       | DATE |
|               | PLOTTED        |      |
|               | ALIGNED        |      |
|               | CHECKED        |      |
|               | FILED          |      |
| NOTE BOOK NO. | CADD FILE NAME |      |

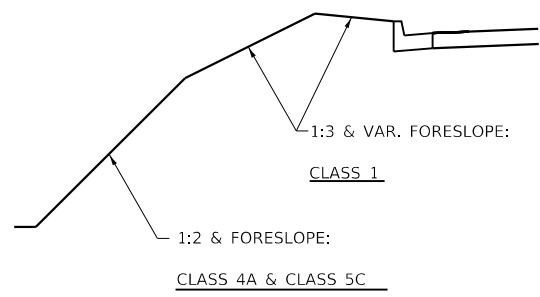
|               |                             |      |
|---------------|-----------------------------|------|
| PROFILE       | SURVEYED                    | DATE |
|               | PLOTTED                     |      |
|               | GRADES CHECKED              |      |
|               | STRUCTURE NOTATIONS CHECKED |      |
| NOTE BOOK NO. | NOTATION CHECKED            |      |



**LEGEND**

-  = MULCH METHOD 3
-  = EROSION CONTROL BLANKET
-  = TURF REINFORCEMENT MAT
-  = RIP RAP
-  = TEMPORARY DITCH CHECKS
-  = PERIMETER EROSION BARRIER
-  = INLET PIPE PROTECTION

SEEDING DETAIL - LEFT



|  |                                     |            |           |
|--|-------------------------------------|------------|-----------|
| FILE NAME =  | USER NAME = cushmenbw               | DESIGNED - | REVISED - |
| p:\1\IL084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\2017\DRAWING\CAD\Sheets\201714-shr-erosion.dwg |                                     | DRAWN -    | REVISED - |
| Default  | PLOT SCALE = 40.0000' / in.         | CHECKED -  | REVISED - |
|  | PLOT DATE = Mar-07-2018 01:17:21 PM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

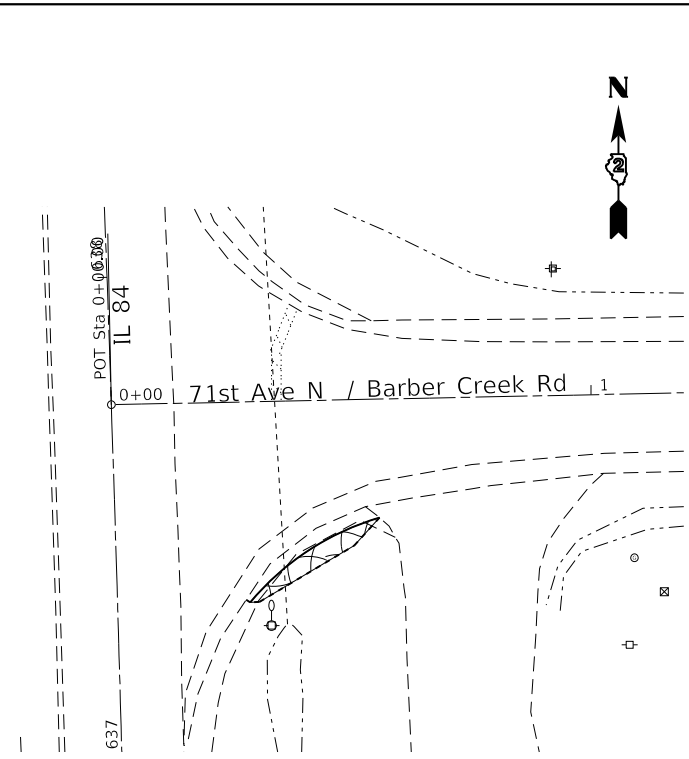
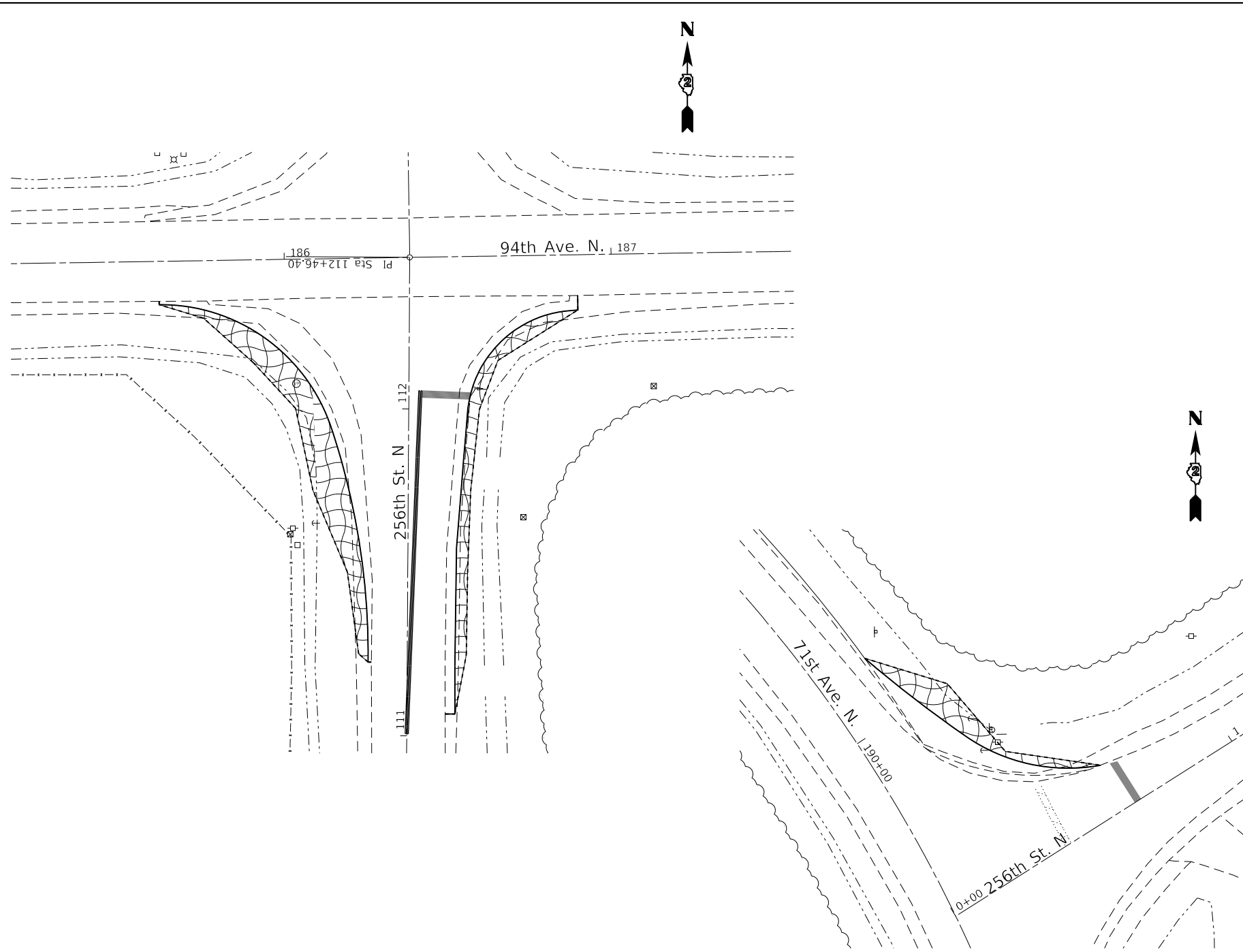
**EROSION CONTROL**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 44        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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

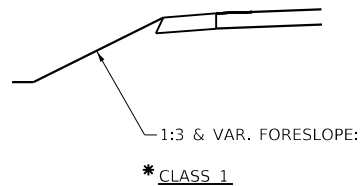
|         |                              |    |      |
|---------|------------------------------|----|------|
| PROFILE | SURVEYED                     | BY | DATE |
|         | PLOTTED                      |    |      |
|         | GRADES CHECKED               |    |      |
|         | ALIGNMENT CHECKED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



**LEGEND**

|  |                             |
|--|-----------------------------|
|  | = MULCH METHOD 3            |
|  | = EROSION CONTROL BLANKET   |
|  | = TURF REINFORCEMENT MAT    |
|  | = RIP RAP                   |
|  | = TEMPORARY DITCH CHECKS    |
|  | = PERIMETER EROSION BARRIER |
|  | = INLET PIPE PROTECTION     |

**SEEDING DETAIL**



\* CLASS 1 SEED IS INCIDENTAL TO THE EROSION CONTROL BLANKET AT THESE 3 INTERSECTIONS ONLY.

|   |                                     |            |           |
|---|-------------------------------------|------------|-----------|
| FILE NAME =   | USER NAME = cushmenbw               | DESIGNED - | REVISED - |
| p:\1\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\IDOT Offices\District 2\Projects\2017\4\DRAWING\CAD\Sheets\201714-shr-erosion.dwg |                                     | 4/20/17    | REVISED - |
| Default   | PLOT SCALE = 40.0000' / in.         | CHECKED -  | REVISED - |
|   | PLOT DATE = Mar-07-2018 01:18:02 PM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL**

SCALE: SHEET OF SHEETS STA. TO STA.

|                           |         |             |              |                    |
|---------------------------|---------|-------------|--------------|--------------------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO.          |
| 308                       | 111R    | ROCK ISLAND | 117          | 45                 |
|                           |         |             |              | CONTRACT NO. 64K06 |
| ILLINOIS FED. AID PROJECT |         |             |              |                    |

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION                               | Depth (ft) | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION   | Depth (ft) | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|------------------------|---|------------|------------|-----------------------|----------|----------------------|------------------------|---|------------|------------|-----------------------|----------|----------------------|
| 611.73                 | 7.3-inch thick, ASPHALT --PAVEMENT--                    | 1          | 11         | 6                     | NP       | 13                   | 591.0                  | Loose, brown SILTY LOAM, trace gravel; moist  | 9          | 3          | 4                     | NP       | 21                   |
| 611.0                  | 9-inch thick, CONCRETE --PAVEMENT--                     | 2          | 5          | 2                     | NP       | 10                   | 589.0                  | Medium dense, brown medium SAND, trace gravel; moist  | 10         | 4          | 5                     | NP       | 13                   |
|                        | Loose to medium dense, brown, fine SAND; moist --FILL-- | 5          | 3          | 2                     | NP       | 14                   | 585.0                  | Strong, very poor quality, brown and gray DOLOSTONE, highly fractured, slightly weathered joints<br>--Run #1: 27 to 32 feet--<br>--RECOVERY = 46.7%--<br>--RQD = 0%-- | 10         | 3          | 3                     | NP       | 10                   |
| 606.5                  | Loose, brown SANDY LOAM; moist                          | 3          | 6          | 8                     | NP       | 21                   | 580.0                  | Boring terminated at 32.00 ft   |            |            |                       |          |                      |
| 601.5                  | Medium dense, brown SILT to SILTY LOAM; moist           | 5          | 4          | 4                     | NP       | 27                   |                        |   | 35         |            |                       |          |                      |
| 596.5                  | Medium dense, brown SAND and GRAVEL; moist              | 7          | 11         | 17                    | NP       | 6                    |                        |   | 40         |            |                       |          |                      |
| 594.0                  | Medium stiff, brown SILTY CLAY                          | 8          | 3          | 2                     | 0.74 B   | 18                   |                        |   | 40         |            |                       |          |                      |

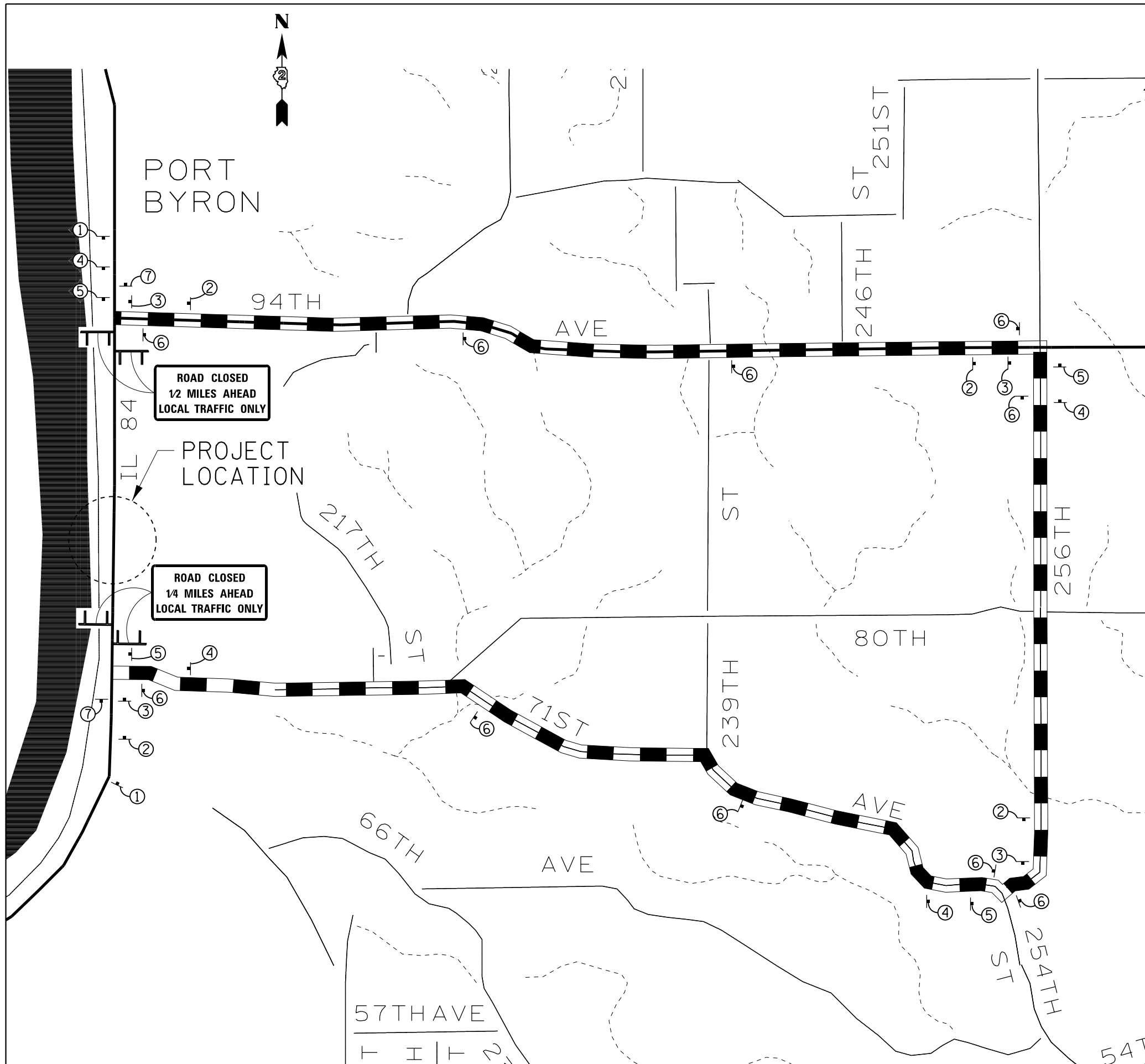
| GENERAL NOTES  |   |                   | WATER LEVEL DATA   |                           |                 |
|--|---|-------------------|--------------------|---------------------------|-----------------|
| Begin Drilling   | <b>12-11-2015</b>                                   | Complete Drilling | <b>12-11-2015</b>  | While Drilling            | <b>DRY</b>      |
| Drilling Contractor  | <b>Wang Testing Services</b>                        | Drill Rig         | <b>D-50 TMR</b>    | At Completion of Drilling | <b>DRY</b>      |
| Driller  | <b>R&amp;K</b>                                      | Logger            | <b>D. Kolpacki</b> | Checked by                | <b>C. Davis</b> |
| Drilling Method  | <b>3.25" HSA, boring backfilled upon completion</b> |                   |                    |                           |                 |
|  |   | Depth to Water    | <b>NA</b>          |                           |                 |
| <small>The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.</small> |   |                   |                    |                           |                 |

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION                          | Depth (ft) | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION  | Depth (ft) | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|------------------------|--|------------|------------|-----------------------|----------|----------------------|------------------------|--|------------|------------|-----------------------|----------|----------------------|
| 625.55                 | 6.55-inch thick, dark brown SILTY LOAM --TOPSOIL-- | 1          | 3          | 3                     | NP       | 14                   | 803.9                  | Strong, very poor quality, brown DOLOSTONE, highly fractured, slightly weathered joints<br>--Run #1: 22 to 27 feet--<br>--RECOVERY = 95%--<br>--RQD = 0%-- | 25         | 1          |                       | NP       |                      |
|                        | Very loose to loose, brown SILTY LOAM; moist       | 2          | 2          | 1                     | NP       | 23                   | 598.9                  | Boring terminated at 27.00 ft  |            |            |                       |          |                      |
|                        |  | 3          | 0          | 0                     | NR       |                      |                        |  | 30         |            |                       |          |                      |
| 615.4                  | Loose, brown SANDY LOAM; wet                       | 5          | 1          | 2                     | NP       | 22                   |                        |  | 35         |            |                       |          |                      |
| 612.9                  | Very loose, brown SILTY LOAM; wet                  | 6          | 0          | 0                     | NP       | 26                   |                        |  | 40         |            |                       |          |                      |
| 610.4                  | Medium stiff, brown SILTY CLAY LOAM                | 7          | 0          | 1                     | 0.75 P   | 18                   |                        |  | 40         |            |                       |          |                      |
|                        |  | 8          | 3          | 3                     | 0.66 B   | 18                   |                        |  | 40         |            |                       |          |                      |

| GENERAL NOTES  |   |                   | WATER LEVEL DATA   |                           |                 |
|--|---|-------------------|--------------------|---------------------------|-----------------|
| Begin Drilling   | <b>12-11-2015</b>                                   | Complete Drilling | <b>12-11-2015</b>  | While Drilling            | <b>13.00 ft</b> |
| Drilling Contractor  | <b>Wang Testing Services</b>                        | Drill Rig         | <b>D-50 TMR</b>    | At Completion of Drilling | <b>22.00 ft</b> |
| Driller  | <b>R&amp;K</b>                                      | Logger            | <b>D. Kolpacki</b> | Checked by                | <b>C. Davis</b> |
| Drilling Method  | <b>3.25" HSA, boring backfilled upon completion</b> |                   |                    |                           |                 |
|  |   | Depth to Water    | <b>NA</b>          |                           |                 |
| <small>The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.</small> |   |                   |                    |                           |                 |

MODEL: Default  
 FILE: \\mrt01-pv1ul084f6b1dn1teg.illinois.gov:PVDDOT\Documents\DOT - Offices\District 2\Projects\SP2017\41C0DD\DATA\CB01\BORING LOG CB-01.dgn

|                                     |            |           |   |                    |                    |                  |             |              |           |
|-------------------------------------|------------|-----------|---|--------------------|--------------------|------------------|-------------|--------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>BORING LOGS</b> | F.A.P. RTE.        | SECTION          | COUNTY      | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 40.0000 ' / 1"         | DRAWN -    | REVISED - |   |                    | 308                | 111R             | ROCK ISLAND | 117          | 46        |
| PLOT DATE = Mar-07-2018 12:43:35 PM | CHECKED -  | REVISED - |   |                    | CONTRACT NO. 64K06 |                  |             |              |           |
|                                     | DATE -     | REVISED - |   |                    | ILLINOIS           | FED. AID PROJECT |             |              |           |



# LEGEND

- ① W20-2(0)-48
- ② M4-8(0)-2412  
M1-I100(24)  
M5-1R(0)-2115
- ③ M4-8(0)-2412  
M1-I100(24)  
M6-1R(0)-2115
- ④ M4-8(0)-2412  
M1-I100(24)  
M5-1L(0)-2115
- ⑤ M4-8(0)-2412  
M1-I100(24)  
M6-1L(0)-2115
- ⑥ M4-8(0)-2412  
M1-I100(24)
- ⑦ M4-8a-2418

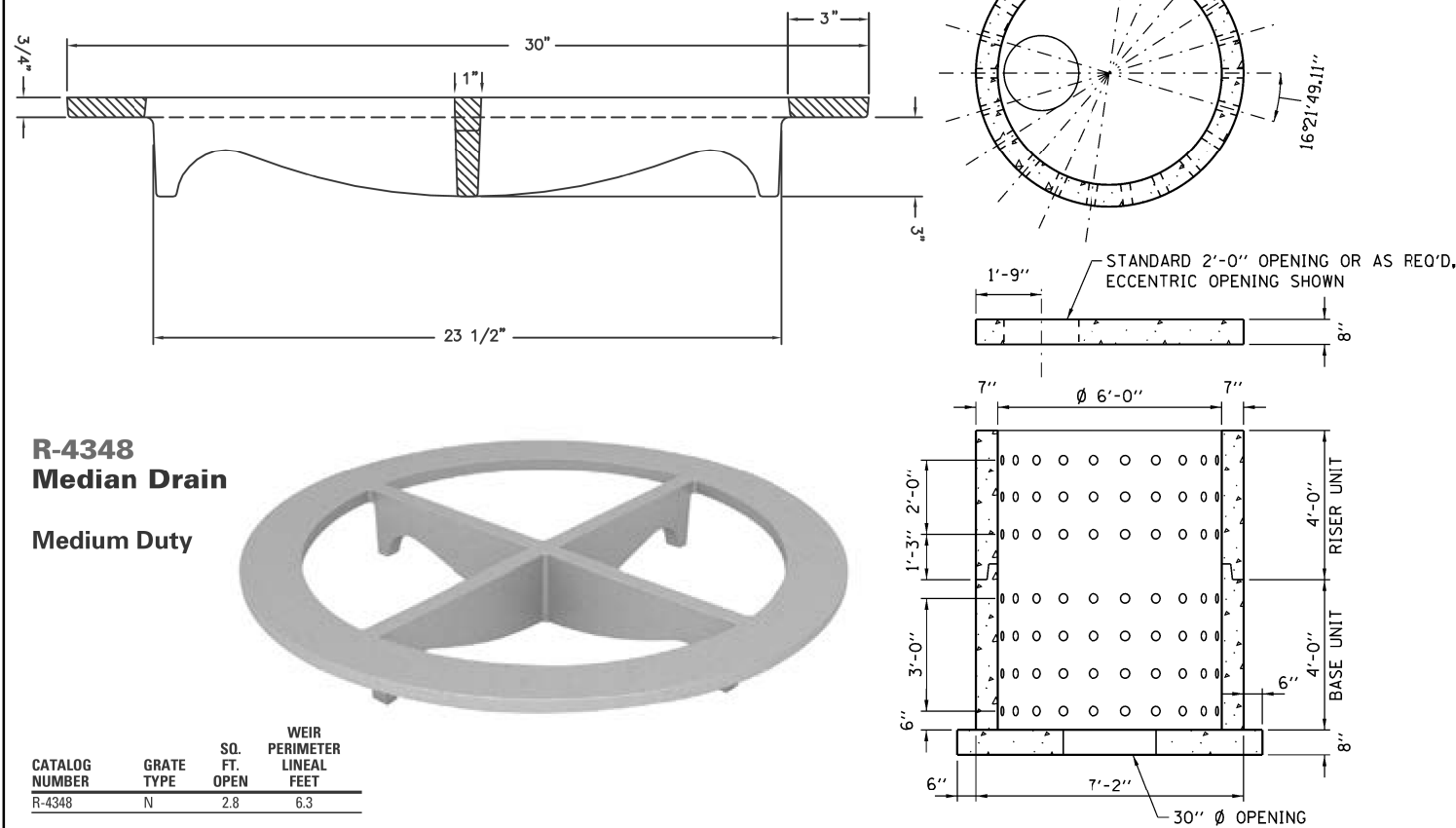
DETOUR ROUTE

TYPE III BARRICADES WITH FLASHERS PLACED AS SHOWN IN STANDARD 701901.

THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL)

|   |                       |            |           |   |                                       |           |             |      |             |                     |                           |              |           |
|---|-----------------------|------------|-----------|---|---------------------------------------|-----------|-------------|------|-------------|---------------------|---------------------------|--------------|-----------|
| FILE NAME =   | USER NAME = cushmenbw | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>ROAD CLOSURE &amp; DETOUR PLAN</b> |           |             |      | F.A.P. RTE. | SECTION             | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2017\Drawings\CADsheets\201714-sht-details |                       | DRAWN -    | REVISED - |   | 308                                   | 111R      | ROCK ISLAND | 117  | 47          |                     |                           |              |           |
| PLOT SCALE = 2109.9046' / in.   |                       | CHECKED -  | REVISED - |   | CONTRACT NO. 64K06                    |           |             |      |             |                     |                           |              |           |
| PLOT DATE = Mar-07-2018 11:24:46 AM   |                       | DATE -     | REVISED - |   | SCALE:                                | SHEET NO. | OF SHEETS   | STA. | TO STA.     | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |              |           |

# DRYWELL

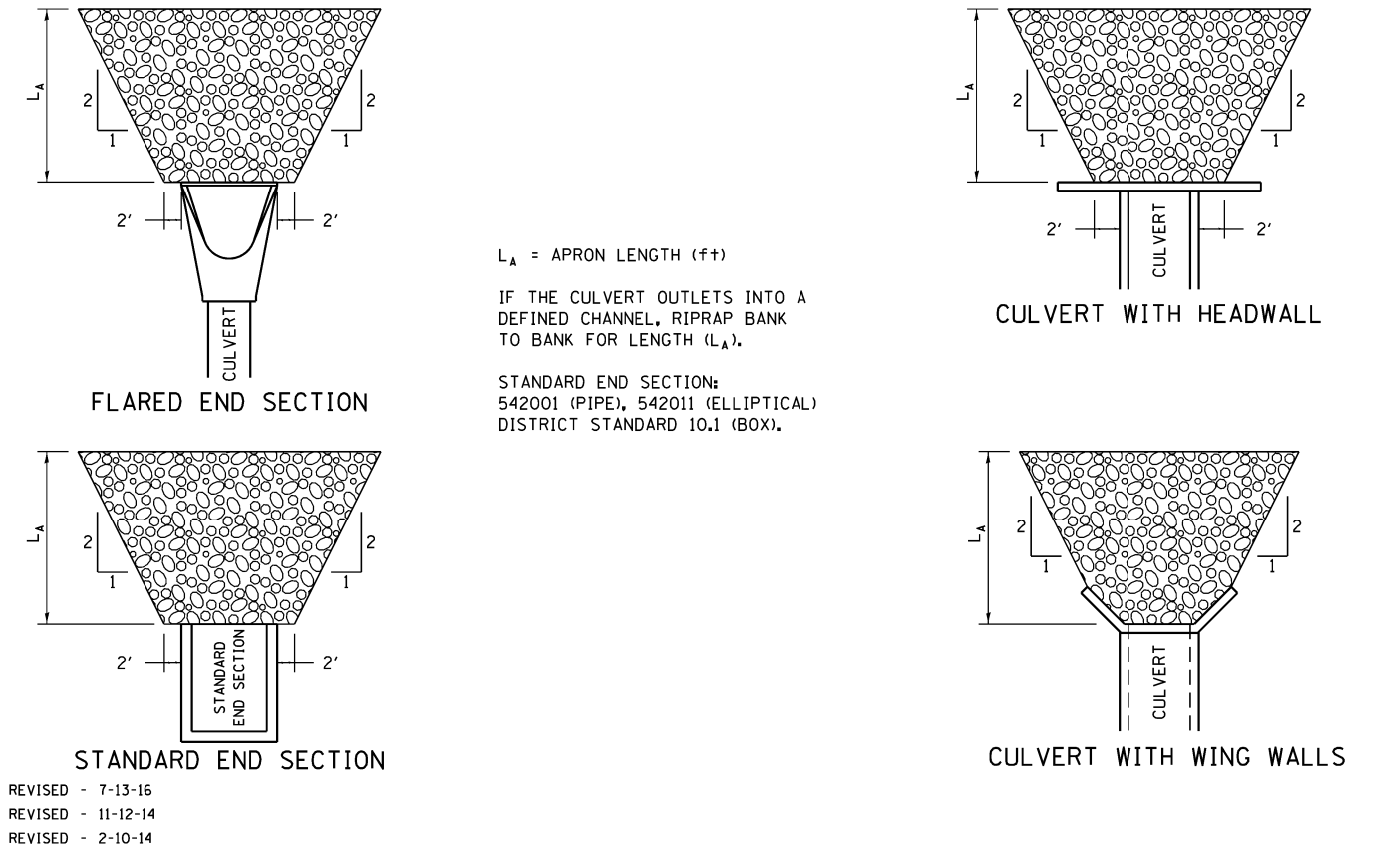


**R-4348**  
**Median Drain**  
**Medium Duty**



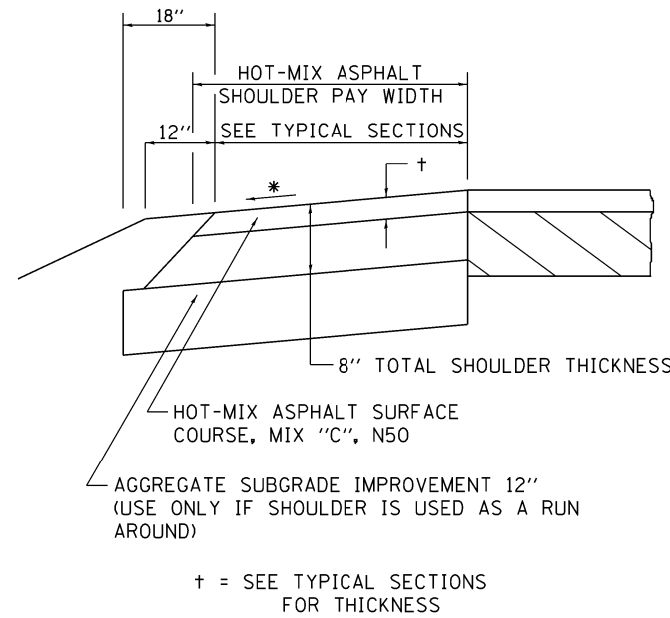
| CATALOG NUMBER | GRATE TYPE | SQ. FT. OPEN | WEIR PERIMETER LINEAL FEET |
|----------------|------------|--------------|----------------------------|
| R-4348         | N          | 2.8          | 6.3                        |

# RIPRAP AT END SECTIONS



**RIPRAP AT END SECTIONS** 19.4

# HOT-MIX ASPHALT SHOULDER



## GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

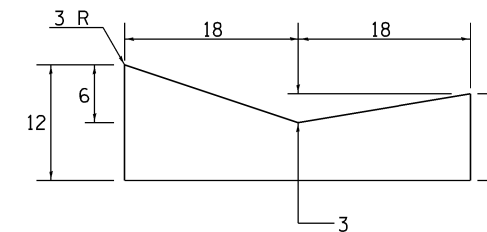
\* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

REVISED - 1-05-16  
REVISED - 3-13-13

**HOT-MIX ASPHALT SHOULDER**

22.4

# CONCRETE GUTTER, TYPE A (SPECIAL)



## NOTES:

THIS WORK SHALL BE DONE IN ACCORDANCE WITH THIS DETAIL AND STANDARD 606101 THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CONCRETE GUTTER, TYPE A (SPECIAL).

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

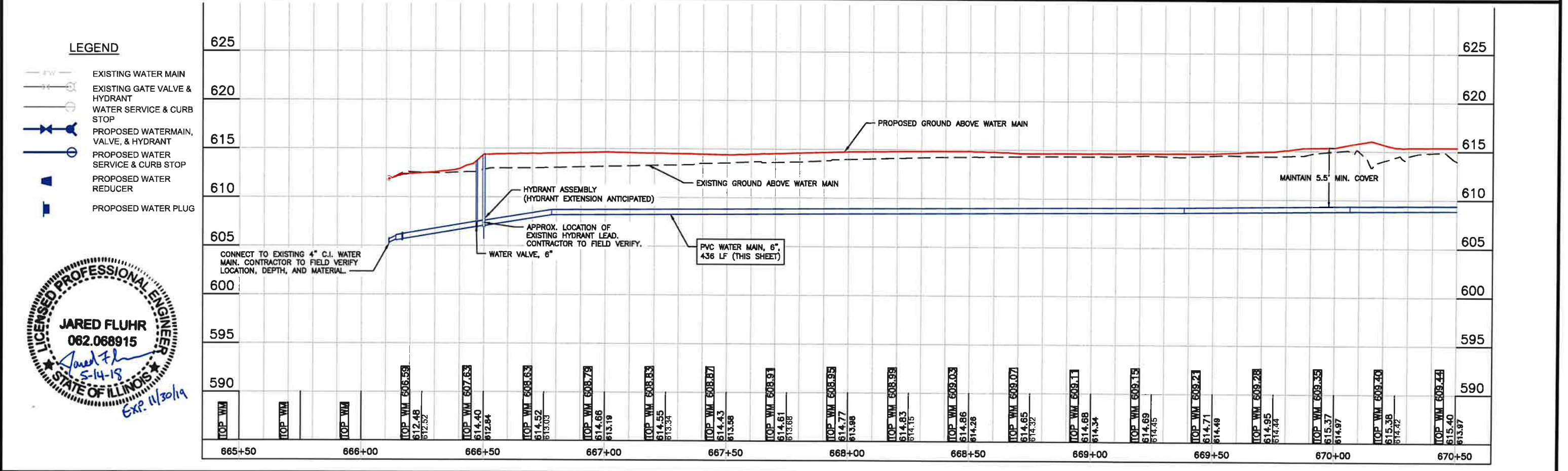
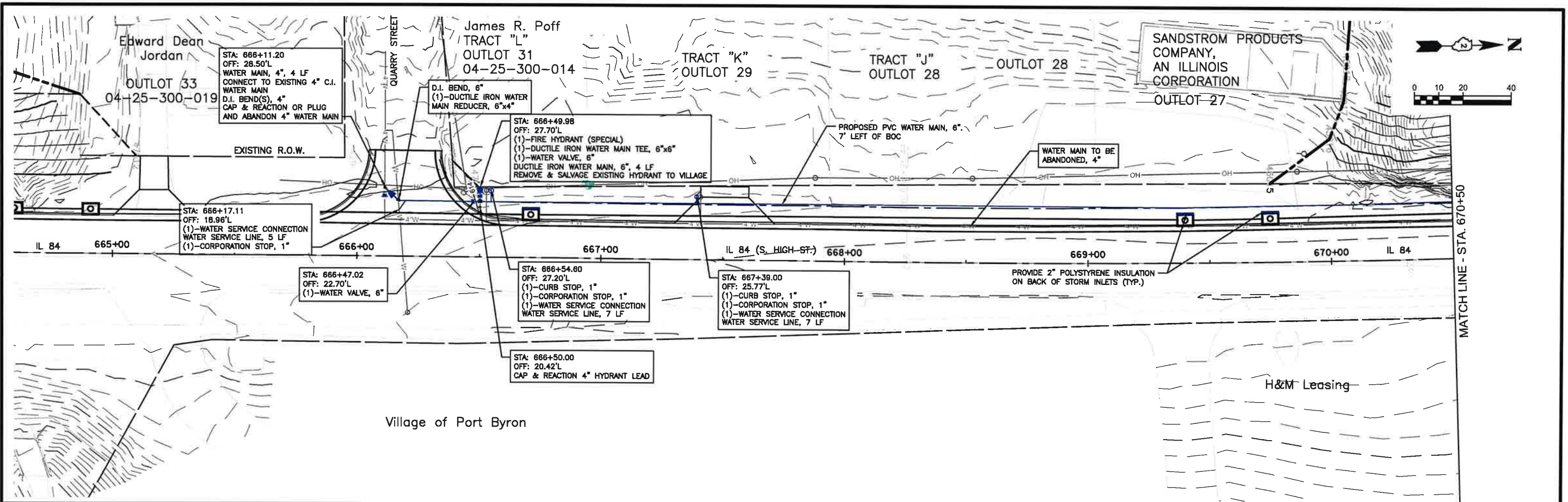
| REVISION  | DATE     | DESCRIPTION | F.A.P. RTE.                                   | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|-----------|----------|-------------|---|---------|-------------|--------------|-----------|
| REVISED - | 10-03-11 |             | 308   | 111R    | ROCK ISLAND | 117          | 48        |
| REVISED - |          |             | CONTRACT NO. 64K06                            |         |             |              |           |
| REVISED - |          |             | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |             |              |           |

REGION 2 / DISTRICT 2 STANDARD

SCALE: 100:1 SHEET NO. OF SHEETS STA. TO STA.

**CONCRETE GUTTER, TYPE A (SPECIAL)** 36.4





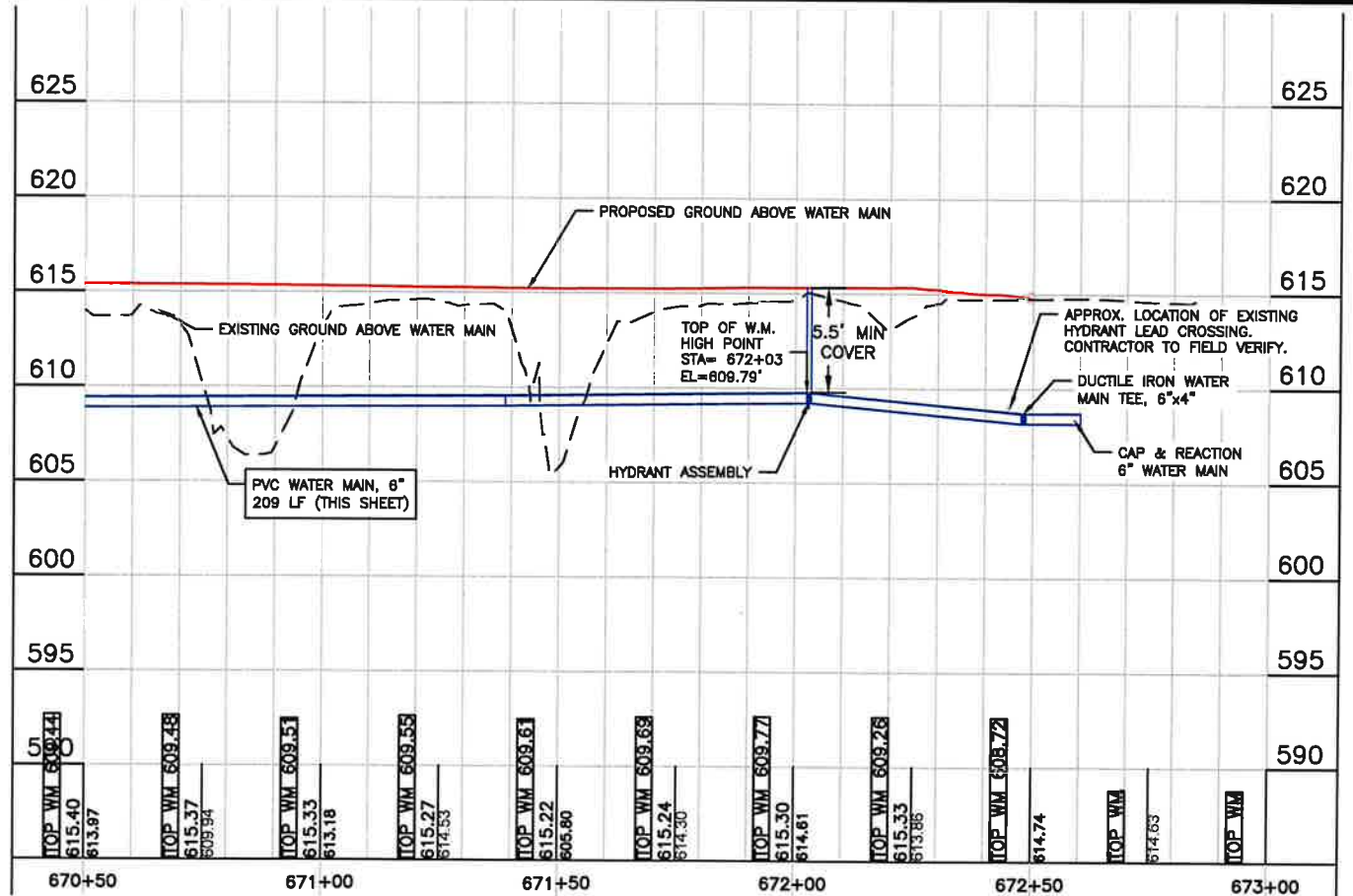
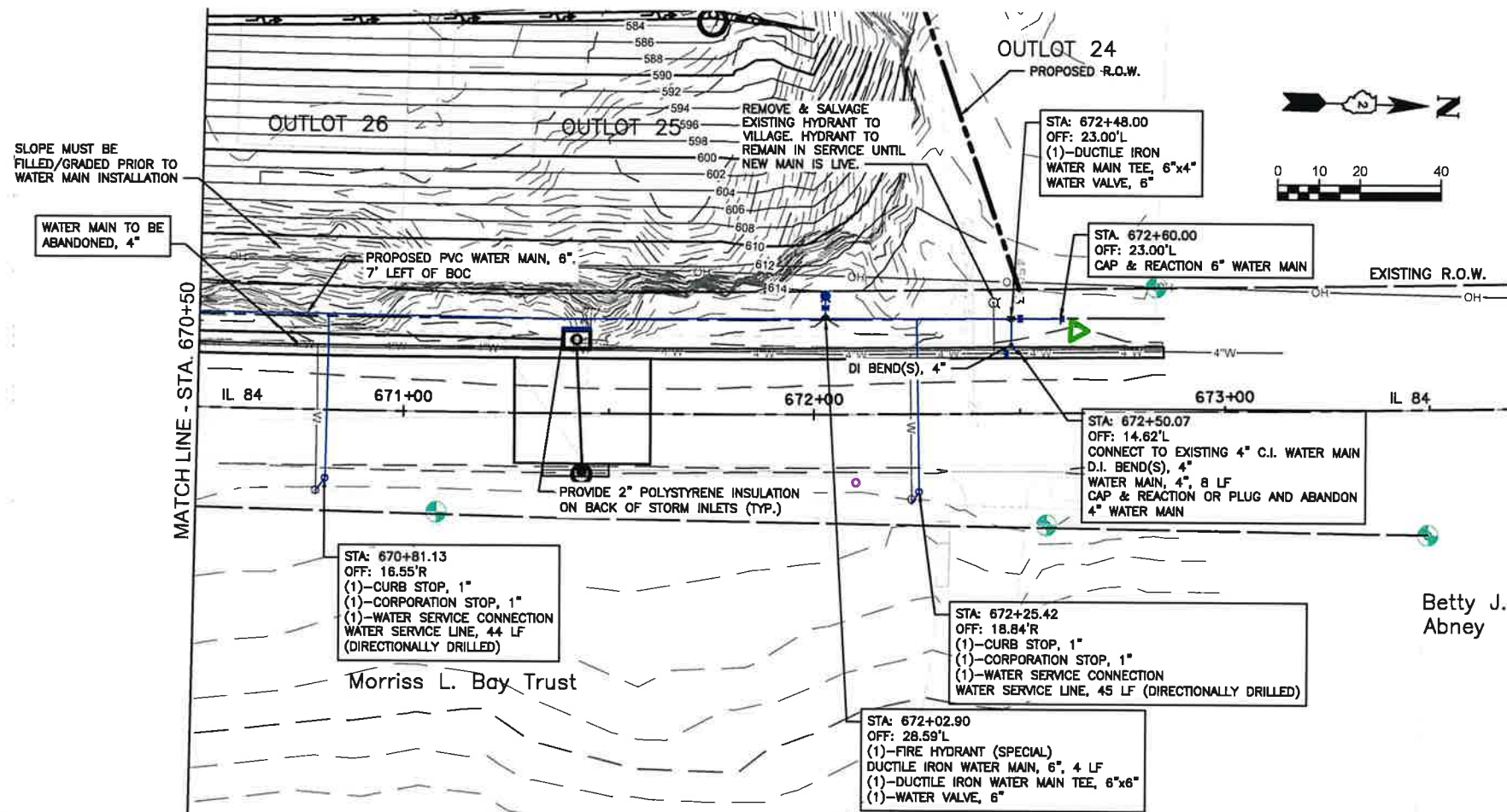


**GENERAL NOTES:**

1. WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
2. ALL STORM SEWER WITHIN 10' OF PROPOSED WATER MAIN SHALL BE CONSTRUCTED OF WATER MAIN QUALITY PIPE.
3. ALL WATER SERVICE LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
4. ALL HYDRANT LOCATIONS TO BE FIELD VERIFIED BY CONTRACTOR WITH OWNER/ENGINEER.

| SCHEDULE FOR WATER MAINS |                  |          |              |            |                                    |                                    |                |                |  |                             |                  |     |
|--------------------------|------------------|----------|--------------|------------|------------------------------------|------------------------------------|----------------|----------------|--|-----------------------------|------------------|-----|
| ALIGNMENT                | LOCATION STATION | OFFSET   | FROM STATION | TO STATION | 56100004                           | 56100005                           | 56100500       | 56100600       | 56101146                               | 56103000                    | 56104900         |     |
|                          |                  |          |              |            | DUCTILE IRON WATER MAIN TEE, 6"x4" | DUCTILE IRON WATER MAIN TEE, 6"x6" | WATER MAIN, 4" | WATER MAIN, 6" | DUCTILE IRON WATER MAIN REDUCER, 6"x4" | DUCTILE IRON WATER MAIN, 6" | WATER VALVES, 6" |     |
| IL 84                    | 666+11.20        | 28.50 LT |              |            | EA                                 | EA                                 | LF             | LF             | EA                                     | LF                          | EA               |     |
| IL 84                    | 666+11.21        | 24.41 LT |              |            |                                    |                                    |                |                | 1                                      |                             |                  |     |
| IL 84                    | 666+17.11        | 18.96 LT |              |            |                                    |                                    |                |                |  |                             |                  |     |
| IL 84                    | 666+47.02        | 22.70 LT |              |            |                                    |                                    |                |                |  |                             |                  | 1   |
| IL 84                    | 666+49.98        | 27.70 LT |              |            |                                    | 1                                  |                |                |  |                             | 4                | 1   |
| IL 84                    | 666+54.60        | 27.20 LT |              |            |                                    |                                    |                |                |  |                             |                  | 1   |
| IL 84                    | 667+39.00        | 25.77 LT |              |            |                                    |                                    |                |                |  |                             |                  | 1   |
| IL 84                    | 670+81.13        | 16.55 RT |              |            |                                    |                                    |                |                |  |                             |                  | 1   |
| IL 84                    | 672+02.90        | 28.59 LT |              |            |                                    | 1                                  |                |                |  |                             | 4                | 1   |
| IL 84                    | 672+25.42        | 18.84 RT |              |            |                                    |                                    |                |                |  |                             |                  | 1   |
| IL 84                    | 672+48.00        | 23.00 LT |              |            |                                    | 1                                  |                |                |  |                             |                  | 1   |
| IL 84                    | 672+50.07        | 14.62 LT |              |            |                                    |                                    | 8              |                |  |                             |                  |     |
| IL 84                    | 672+50.20        | 23.07 LT |              |            |                                    |                                    |                |                |  |                             |                  | 1   |
| IL 84                    |                  | 15.00 LT | 666+11.21    | 672+46.33  |                                    |                                    |                |                |  |                             |                  |     |
| IL 84                    |                  |          | 666+11.20    | 666+14.21  |                                    |                                    |                |                |  |                             |                  | 4   |
| IL 84                    |                  |          | 666+14.21    | 672+60.00  |                                    |                                    |                |                |  |                             |                  | 646 |
| <b>TOTAL</b>             |                  |          |              |            |                                    | 1                                  | 2              | 12             | 646                                    | 1                           | 8                | 4   |

| ALIGNMENT    | LOCATION STATION | OFFSET   | FROM STATION | TO STATION | X5610654                       | 56200300              | 56201400             | X5620112                 | Z0015000     | 56400700                | X5630704                             |   |
|--------------|------------------|----------|--------------|------------|--------------------------------|-----------------------|----------------------|--------------------------|--------------|-------------------------|--------------------------------------|---|
|              |                  |          |              |            | WATER MAIN TO BE ABANDONED, 4" | WATER SERVICE LINE 1" | CORPORATION STOPS 1" | WATER SERVICE CONNECTION | CURB STOP 1" | FIRE HYDRANTS (SPECIAL) | CONNECTION TO EXISTING WATERMAIN, 4" |   |
| IL 84        | 666+11.20        | 28.50 LT |              |            | LF                             | LF                    | EA                   | EA                       | EA           | EA                      | EA                                   | 1 |
| IL 84        | 666+11.21        | 24.41 LT |              |            |                                |                       |                      |                          |              |                         |                                      |   |
| IL 84        | 666+17.11        | 18.96 LT |              |            |                                | 5                     | 1                    | 1                        |              |                         |                                      |   |
| IL 84        | 666+47.02        | 22.70 LT |              |            |                                |                       |                      |                          |              |                         |                                      |   |
| IL 84        | 666+49.98        | 27.70 LT |              |            |                                |                       |                      |                          |              |                         |                                      | 1 |
| IL 84        | 666+54.60        | 27.20 LT |              |            |                                | 7                     | 1                    | 1                        | 1            | 1                       |                                      |   |
| IL 84        | 667+39.00        | 25.77 LT |              |            |                                | 7                     | 1                    | 1                        | 1            | 1                       |                                      |   |
| IL 84        | 670+81.13        | 16.55 RT |              |            |                                | 44                    | 1                    | 1                        | 1            | 1                       |                                      |   |
| IL 84        | 672+02.90        | 28.59 LT |              |            |                                |                       |                      |                          |              |                         |                                      | 1 |
| IL 84        | 672+25.42        | 18.84 RT |              |            |                                | 45                    | 1                    | 1                        | 1            | 1                       |                                      |   |
| IL 84        | 672+48.00        | 23.00 LT |              |            |                                |                       |                      |                          |              |                         |                                      | 1 |
| IL 84        | 672+50.07        | 14.62 LT |              |            |                                |                       |                      |                          |              |                         |                                      |   |
| IL 84        | 672+50.20        | 23.07 LT |              |            |                                |                       |                      |                          |              |                         |                                      | 1 |
| IL 84        |                  | 15.00 LT | 666+11.21    | 672+46.33  |                                | 635                   |                      |                          |              |                         |                                      |   |
| IL 84        |                  |          | 666+11.20    | 666+14.21  |                                |                       |                      |                          |              |                         |                                      |   |
| IL 84        |                  |          | 666+14.21    | 672+60.00  |                                |                       |                      |                          |              |                         |                                      |   |
| <b>TOTAL</b> |                  |          |              |            |                                | 635                   | 108                  | 5                        | 5            | 4                       | 2                                    | 2 |



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

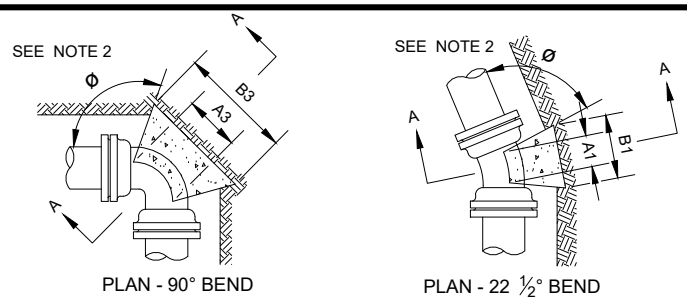
WATER MAIN PLAN AND PROFILE

MSA ARCHITECTURE | ENGINEERING | ENVIRONMENTAL FUNDING | PLANNING | SURVEYING  
2117 State Street Bettendorf, IA 52722  
(563) 445-3501 (866) 732-6321 Fax: (563) 445-3503  
Web Address: www.msa-ps.com  
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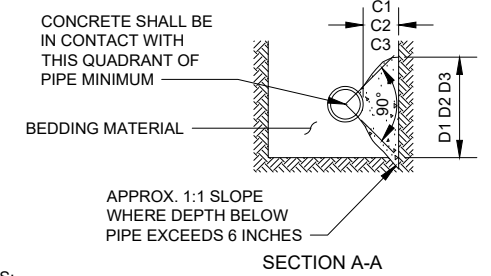
|  |                |               |
|--|----------------|---------------|
| PLOT DATE - 11-May-18                    | DESIGNED - TAW | REVISED - (1) |
| USER NAME - TYLER WALLIN                 | DRAWN - TAW    | REVISED - (2) |
| PLOT SCALE - AS SHOWN                    | CHECKED - JDF  | REVISED - (3) |
| FILE NAME - 00442058 Port Byron Route 84 |                | REVISED - (4) |

|                 |                             |                            |
|-----------------|-----------------------------|----------------------------|
| SCALE: AS SHOWN | SHEET NO. 488 OF 117 SHEETS | STA. 670+50 TO STA. 673+00 |
|-----------------|-----------------------------|----------------------------|

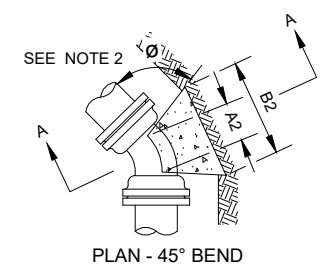
| F.A.D. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|-------------|--------------|-----------|
| 308                       | 111R    | ROCK ISLAND | 117          | 488       |
| CONTRACT NO. 84K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



PLAN - 90° BEND  
PLAN - 22 1/2° BEND



SECTION A-A



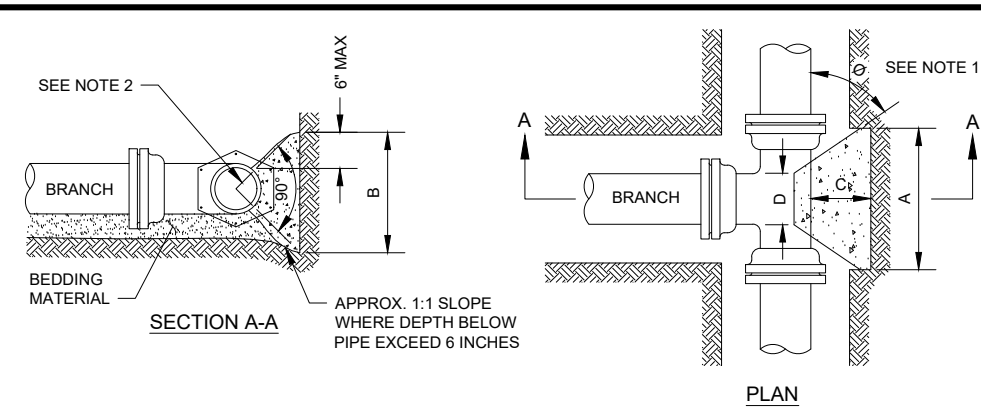
PLAN - 45° BEND

- NOTES:
- DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND AN EARTH RESISTANCE OF 2 TONS PER SQ. FT. INFORM THE ENGINEER IF PRESSURES EXCEED 150 PSI, OR ON-SITE SOIL DOES NOT MEET THIS CONDITION.
  - DIMENSION C1 C2 C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
  - DIMENSION A1 A2 A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH THE MECHANICAL JOINT.
  - BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
  - ALL BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
  - CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
  - IN ADDITION TO BUTTRESS, ALL JOINTS SURROUNDING BENDS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

| PIPE SIZE | BUTTRESS DIMENSIONS |       |           |        |           |        |
|-----------|---------------------|-------|-----------|--------|-----------|--------|
|           | 22 1/2° BENDS       |       | 45° BENDS |        | 90° BENDS |        |
|           | B1                  | D1    | B2        | D2     | B3        | D3     |
| 6"        | 1'-0"               | 1'-0" | 1'-0"     | 1'-0"  | 1'-4"     | 1'-2"  |
| 8"        | 1'-0"               | 1'-0" | 1'-4"     | 1'-2"  | 1'-10"    | 1'-6"  |
| 10"       | 1'-2"               | 1'-2" | 1'-7"     | 1'-7"  | 2'-3"     | 1'-10" |
| 12"       | 1'-4"               | 1'-4" | 1'-10"    | 1'-10" | 2'-8"     | 2'-3"  |
| 16"       | 1'-10"              | 1'-8" | 2'-6"     | 2'-4"  | 3'-10"    | 2'-10" |
| 20"       | 2'-4"               | 2'-0" | 3'-3"     | 2'-10" | 5'-0"     | 3'-4"  |
| 24"       | 2'-10"              | 2'-4" | 4'-0"     | 3'-3"  | 6'-4"     | 3'-10" |

**THRUST BLOCKS FOR BENDS**

SCALE: NONE



NOTES:

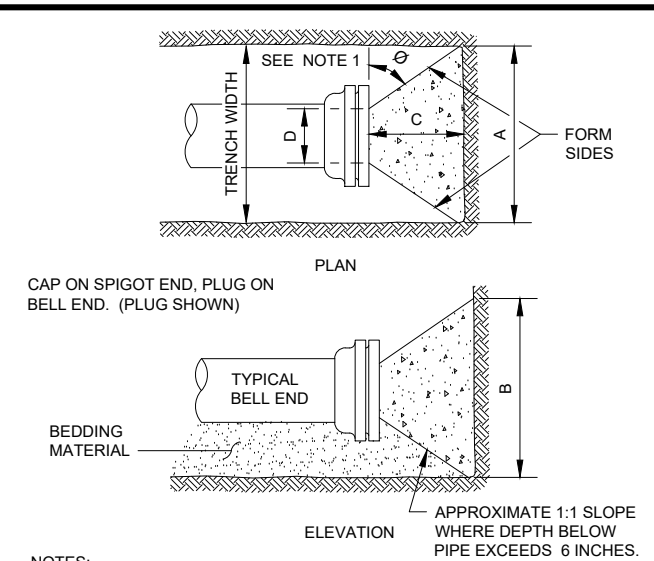
- DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø GREATER THAN OR EQUAL TO 45°.
- CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AT A MINIMUM.
- DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
- BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
- BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
- CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
- IN ADDITION TO BUTTRESSES, ALL JOINTS SURROUNDING TEES SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

| BUTTRESS DIMENSIONS |        |       |                |                |
|---------------------|--------|-------|----------------|----------------|
| DIA.                | A      | B     | C              | D              |
| 6"                  | 1'-3"  | 1'-0" |                |                |
| 8"                  | 1'-6"  | 1'-4" |                |                |
| 10"                 | 1'-10" | 1'-8" |                |                |
| 12"                 | 2'-3"  | 2'-0" | SEE NOTE NO. 1 | SEE NOTE NO. 3 |
| 16"                 | 3'-2"  | 2'-6" |                |                |
| 20"                 | 4'-0"  | 3'-0" |                |                |
| 24"                 | 5'-3"  | 3'-4" |                |                |

DIA. = BRANCH DIAMETER

**THRUST BLOCKS FOR TEES**

SCALE: NONE



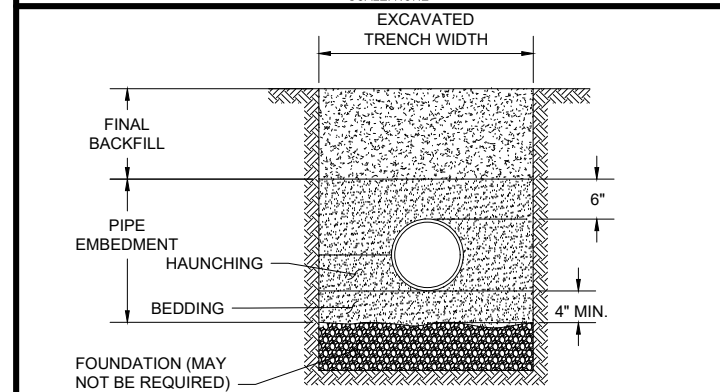
| BUTTRESS DIMENSIONS |       |        |                |                |
|---------------------|-------|--------|----------------|----------------|
| DIA.                | A     | B      | C              | D              |
| 6"                  | 1'-6" | 1'-2"  |                |                |
| 8"                  | 2'-0" | 1'-4"  |                |                |
| 12"                 | 2'-5" | 1'-10" | SEE NOTE NO. 1 | SEE NOTE NO. 2 |
| 16"                 | 3'-4" | 2'-4"  |                |                |
| 20"                 | 4'-3" | 2'-10" |                |                |
| 24"                 | 5'-2" | 3'-4"  |                |                |
| 30"                 | 6'-9" | 4'-0"  |                |                |

NOTES:

- DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
- DIMENSION 'D' EQUALS APPROX. I.D. OF PIPE LESS 2 INCHES. THE CONCRETE SHOULD NOT INTERFERE WITH THE MECHANICAL JOINTS.
- WHERE BUTTRESSES ARE NOT POSSIBLE BECAUSE OF POOR SOIL CONDITIONS OR LACK OF ROOM, WEDGE ACTION RESTRAINING GLANDS AND RODDING SHALL BE PERMITTED.
- BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
- BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
- CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
- ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
- NO WOOD BUTTRESS ALLOWED.

**THRUST BLOCKS FOR PLUGS/CAPS**

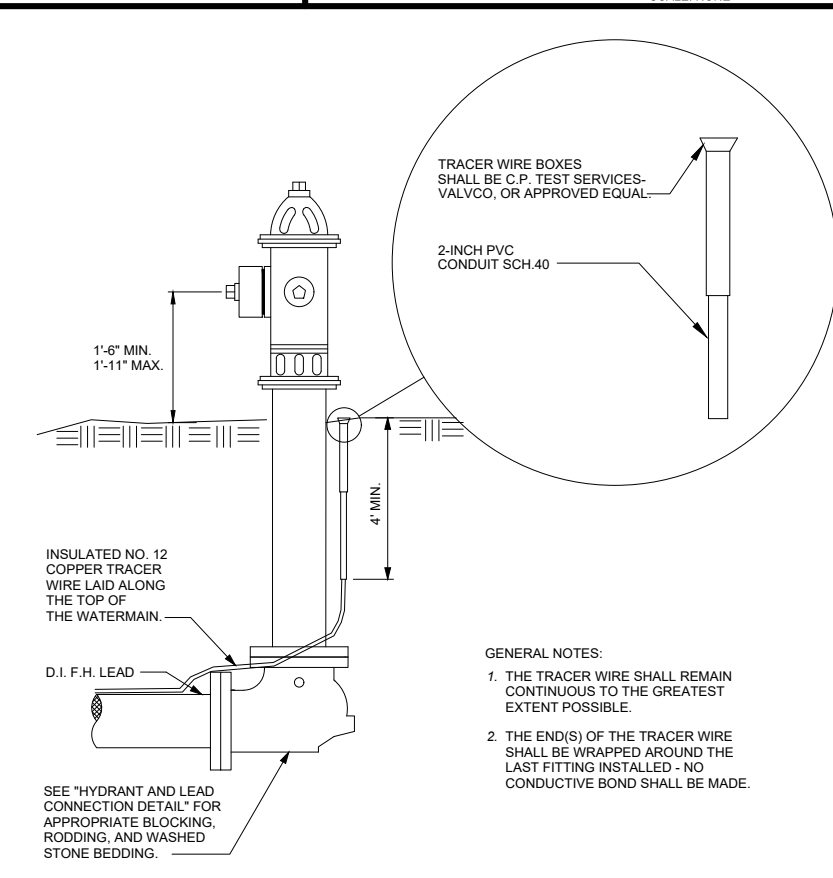
SCALE: NONE



- GENERAL NOTES:
- DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO ASTM D2321.
  - PIPE EMBEDMENT MATERIAL SHALL BE CLEAN, OPEN GRADED CRUSHED STONE, ROCK OR GRAVEL.
  - NO PARTICLES LARGER THAN 1 1/2 INCHES SHALL BE USED IN THE PIPE EMBEDMENT.
  - INSTALL BEDDING IN 6-INCH MAXIMUM LIFTS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 INCH (6 INCH IN ROCK CUTS).
  - INSTALL AND COMPACT HAUNCHING IN 6-INCH MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
  - PIPE EMBEDMENT MATERIAL MINIMUM DENSITY SHALL BE 95% STANDARD PROCTOR.
  - INSTALL AND COMPACT PIPE EMBEDMENT TO A MINIMUM OF 6-INCHES ABOVE PIPE CROWN.
  - EMBEDMENT COMPACTION:  
PLACE AND WORK BY HAND TO INSURE ALL EXCAVATED VOIDS AND HAUNCH AREAS ARE FILLED. MINIMUM DENSITY 95% STANDARD PROCTOR. USE VIBRATORY COMPACTORS.
  - FINAL BACKFILL MATERIAL SHALL BE DENSELY COMPACTED, NON-COHESIVE FINELY DIVIDED MATERIAL FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES.
  - FINAL BACKFILL MATERIAL MINIMUM DENSITY SHALL BE 95% STANDARD PROCTOR.
  - ANY BACKFILL WITHIN 12-INCHES OF FINAL PAVEMENT SUBGRADE ELEVATION SHALL HAVE MINIMUM DENSITY 98% STANDARD PROCTOR.

**FLEXIBLE PIPE EMBEDMENT DETAIL**

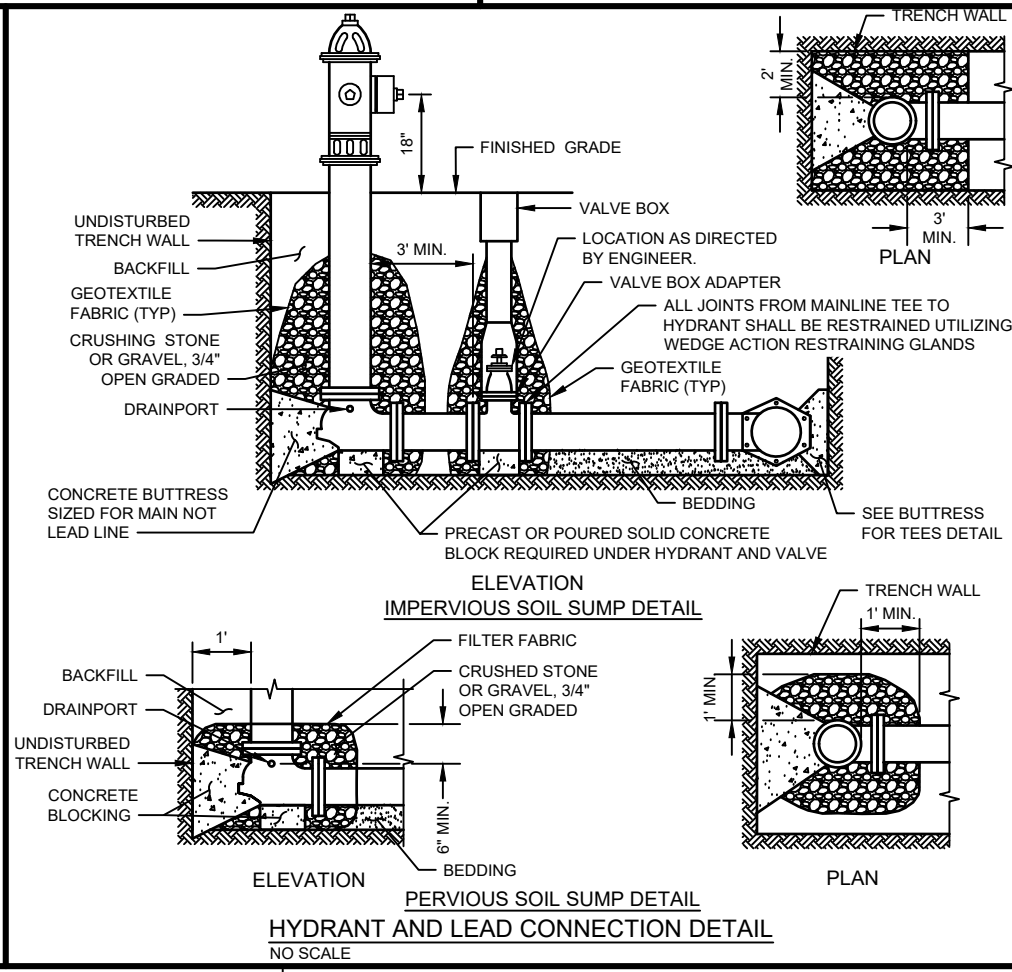
SCALE: NONE



**TRACER WIRE INSTALLATION FOR PVC WATERMAIN DETAIL**

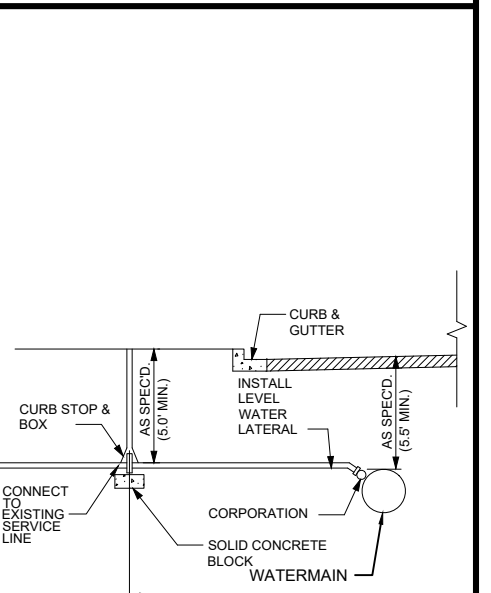
SCALE: NONE

- GENERAL NOTES:
- THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
  - THE END(S) OF THE TRACER WIRE SHALL BE WRAPPED AROUND THE LAST FITTING INSTALLED - NO CONDUCTIVE BOND SHALL BE MADE.



**HYDRANT AND LEAD CONNECTION DETAIL**

NO SCALE



- GENERAL NOTES:
- SEE PLANS AND SPECIFICATIONS FOR SIZE AND TYPE OF CURB STOP AND BOX CORPORATION AND SERVICE LINE
  - COMMUNITY STANDARDS SHALL SUPERSEDE THE DIMENSIONS FROM THE PROPERTY LINE.

**WATER SERVICE DETAIL**

SCALE: NONE

**MSA** ARCHITECTURE | ENGINEERING | ENVIRONMENTAL  
 FUNDING | PLANNING | SURVEYING  
 2117 State Street Bettendorf, IA 52722  
 (563) 445-3501 (866) 732-6321 Fax: (563) 445-3503  
 Web Address: www.msa-ps.com  
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|            |                        |          |     |         |     |
|------------|------------------------|----------|-----|---------|-----|
| PLOT DATE  | 11-May-18              | DESIGNED | TAW | REVISED | (1) |
| USER NAME  | TYLER WALLIN           | DRAWN BY | TAW | REVISED | (2) |
| PLOT SCALE | AS SHOWN               | CHECKED  | JDF | REVISED | (3) |
| FILE NAME  | 00442058 - Details.dwg | REVISED  |     | REVISED | (4) |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

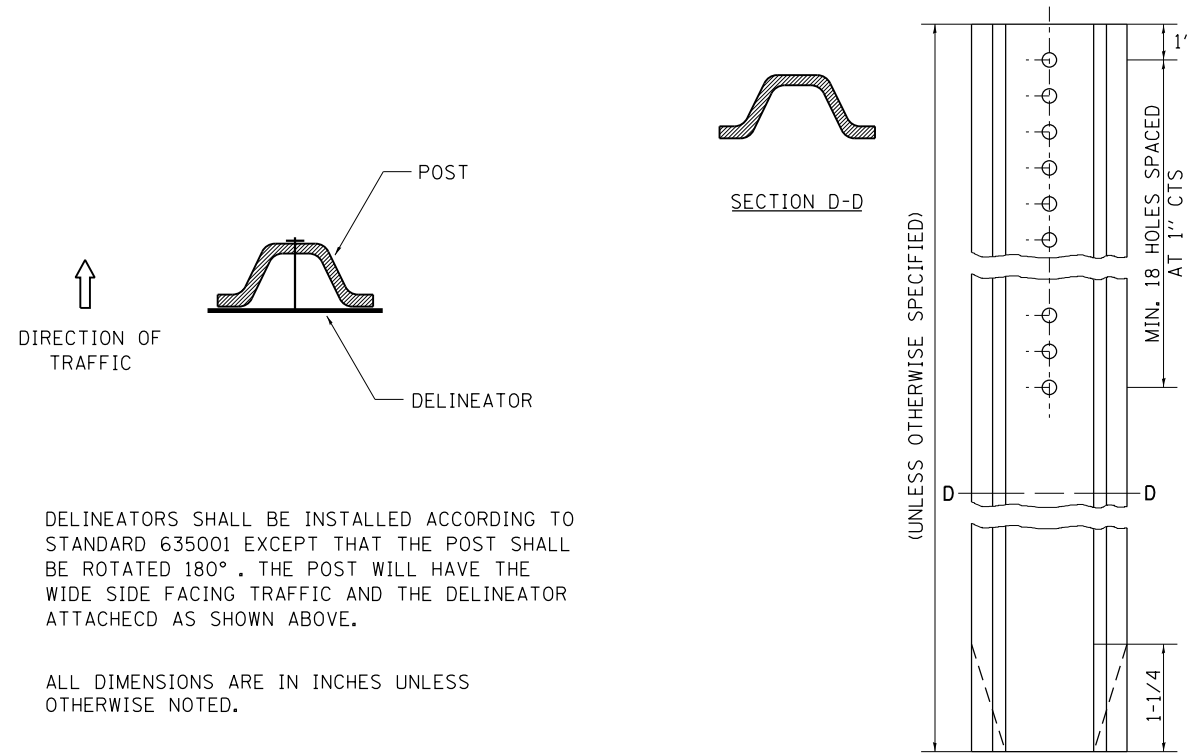
**WATER MAIN DETAILS**

SCALE: # SHEET NO. 48C OF 117 SHEETS STA. ## TO STA. ##

|                    |         |             |                           |           |
|--------------------|---------|-------------|---------------------------|-----------|
| F.A.U. RTE.        | SECTION | COUNTY      | TOTAL SHEETS              | SHEET NO. |
| 308                | 111R    | ROCK ISLAND | 117                       | 48C       |
| CONTRACT NO. 64K06 |         |             | ILLINOIS FED. AID PROJECT |           |



# DELINEATOR AND POST ORIENTATION



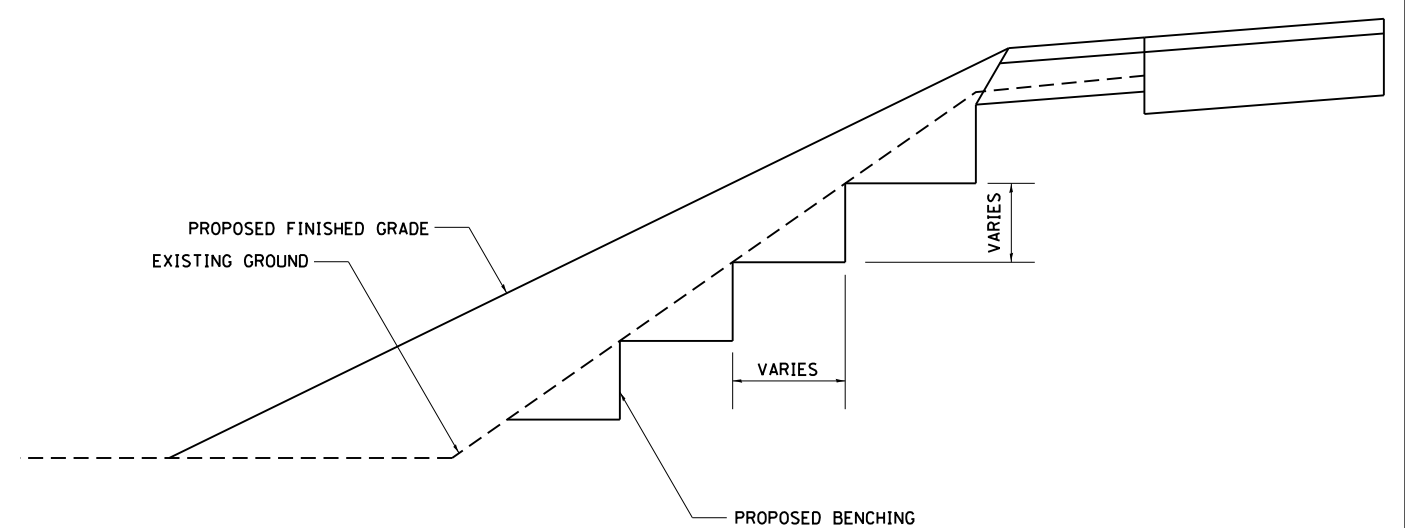
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

## DELINEATOR AND POST ORIENTATION 37.4

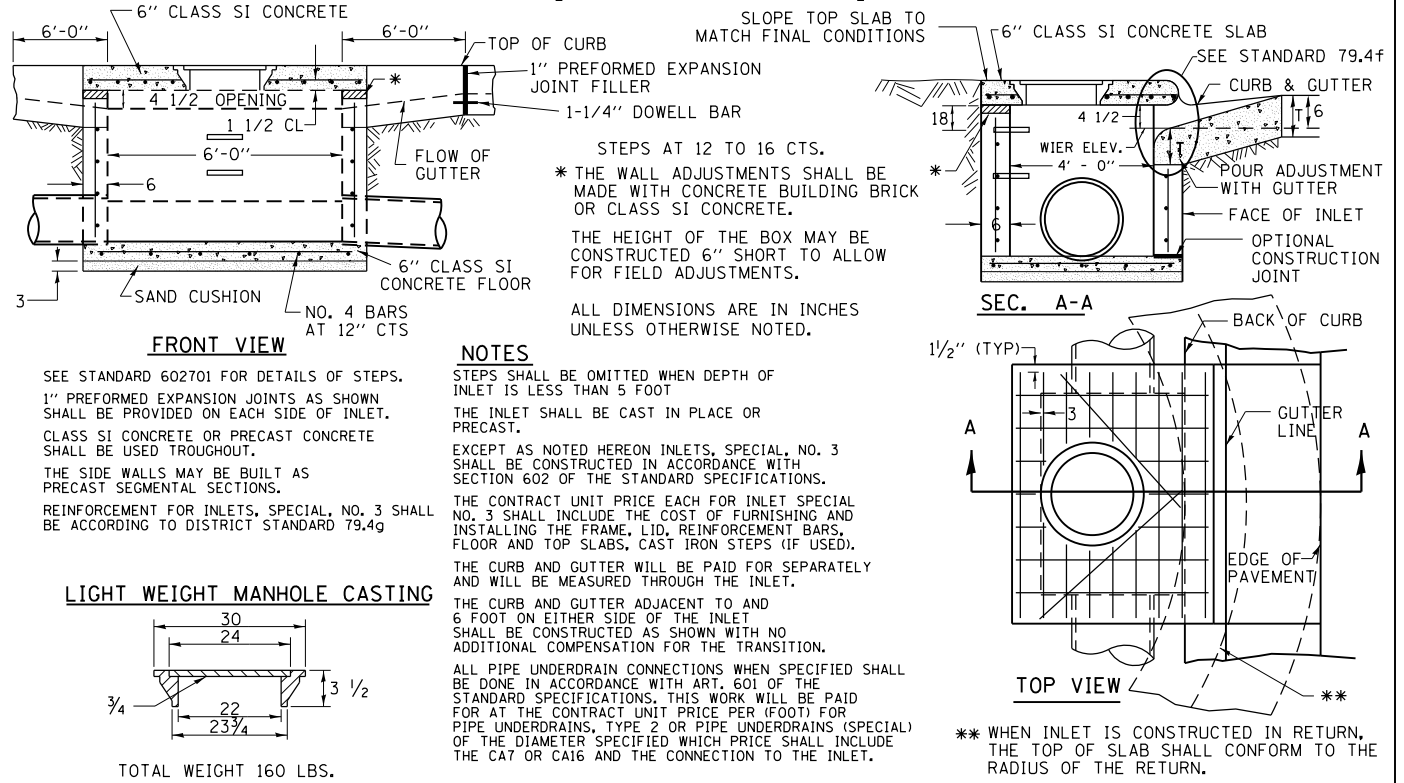
# TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

## TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

# INLETS, SPECIAL, NO. 3

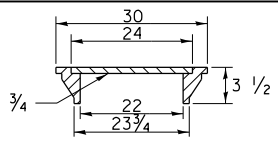


STEPS AT 12 TO 16 CTS.  
\* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.  
THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

NOTES  
STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT  
THE INLET SHALL BE CAST IN PLACE OR PRECAST.

SEE STANDARD 602701 FOR DETAILS OF STEPS.  
1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.  
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.  
THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.  
REINFORCEMENT FOR INLETS, SPECIAL, NO. 3 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

### LIGHT WEIGHT MANHOLE CASTING

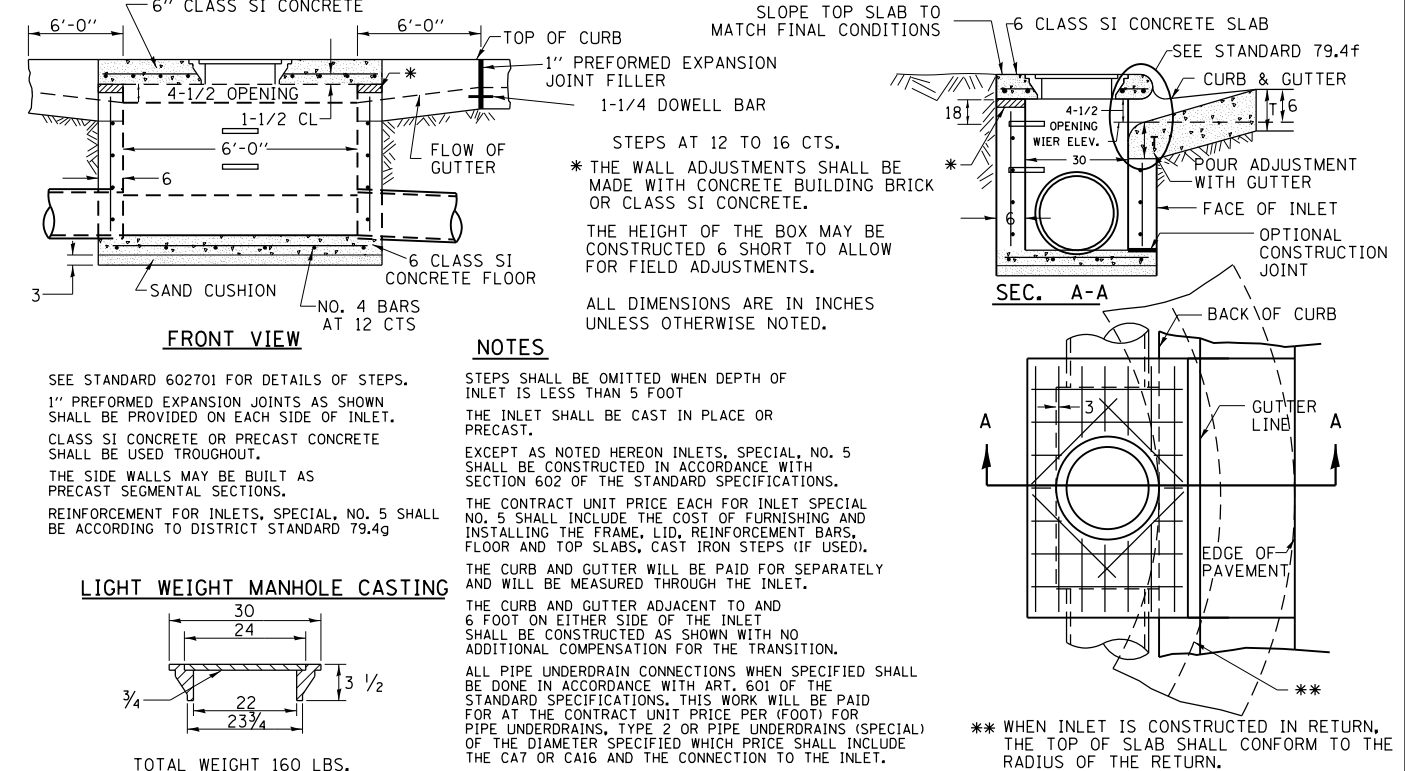


TOTAL WEIGHT 160 LBS.

REVISED - 1-05-16  
REVISED - 8-27-13  
REVISED - 10-03-11

## INLETS, SPECIAL, NO. 3 79.4

# INLETS, SPECIAL, NO. 5

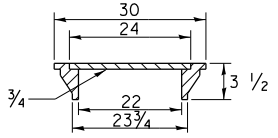


STEPS AT 12 TO 16 CTS.  
\* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.  
THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6" SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

NOTES  
STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT  
THE INLET SHALL BE CAST IN PLACE OR PRECAST.

SEE STANDARD 602701 FOR DETAILS OF STEPS.  
1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET.  
CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT.  
THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.  
REINFORCEMENT FOR INLETS, SPECIAL, NO. 5 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

### LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 160 LBS.

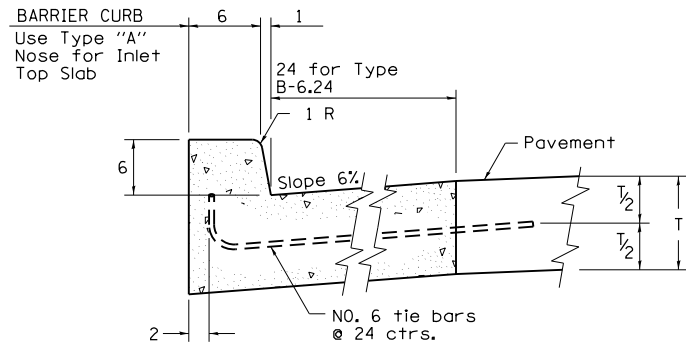
\*\* WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

|                    |                                |           |                    |         |             |              |           |
|--------------------|--------------------------------|-----------|--------------------|---------|-------------|--------------|-----------|
| REVISED - 1-05-16  | REGION 2 / DISTRICT 2 STANDARD |           | F.A.P. RTE.        | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| REVISED - 8-27-13  |                                |           | 308                | 111R    | ROCK ISLAND | 117          | 49        |
| REVISED - 10-04-11 |                                |           | CONTRACT NO. 64K06 |         |             |              |           |
| REVISED -          | SCALE: 100:0                   | SHEET NO. | OF                 | SHEETS  | STA.        | TO           | STA.      |

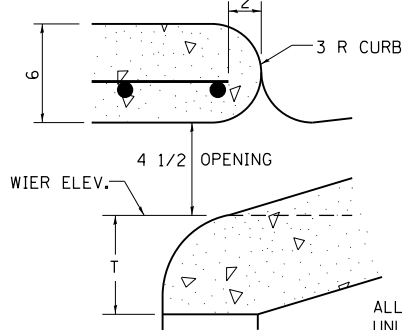
## INLETS, SPECIAL, NO. 5 79.4b

PLOT DATE = Mar-06-2018 01:02:08 PM

# NOSE TYPE FOR INLET TOP SLAB

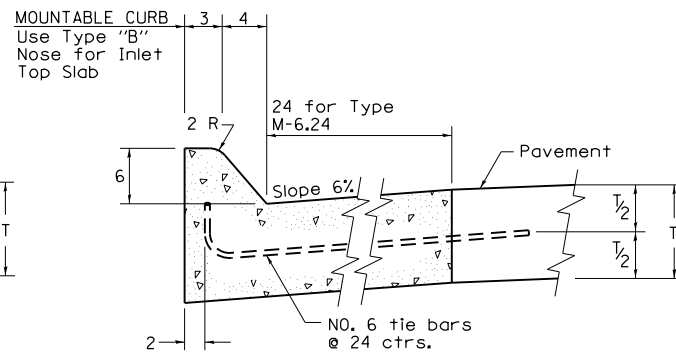


**TYPE "A"**  
TO BE USED ON EXISTING OR PROPOSED  
6 BARRIER CURB

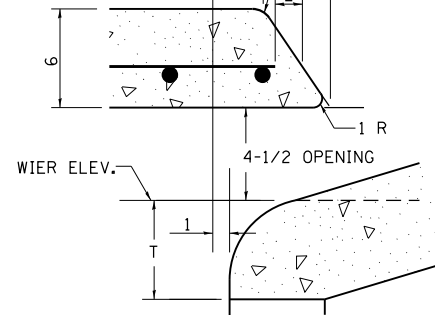


ALL DIMENSIONS ARE IN INCHES  
UNLESS OTHERWISE NOTED.

REVISED - 4-14-15  
REVISED - 10-05-11

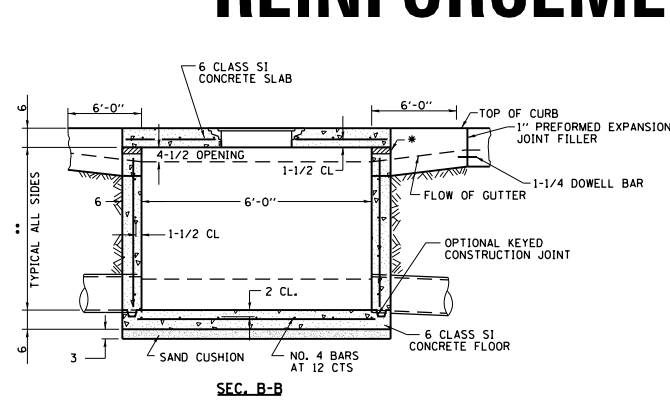


**TYPE "B"**  
TO BE USED ON PROPOSED  
6 MOUNTABLE CURB

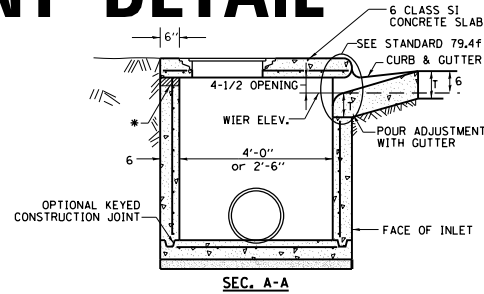


**NOSE TYPE FOR INLET TOP SLAB 79.4f**

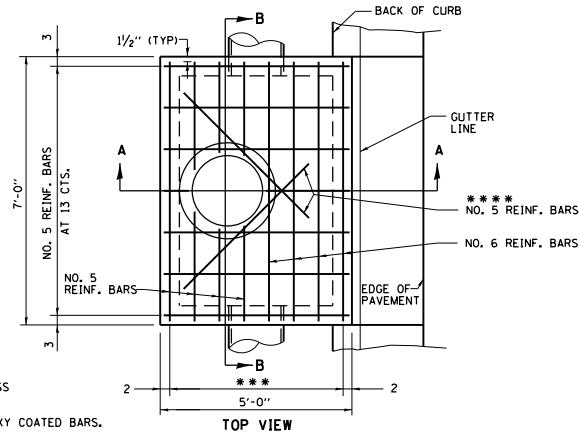
# INLETS, SPECIAL, NO. 3, 4, 5, 6 REINFORCEMENT DETAIL



**SEC. B-B**



**SEC. A-A**



**TOP VIEW**

\* THE WALL ADJUSTMENTS SHALL BE MADE WITH  
CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.  
THE HEIGHT OF THE BOX MAY BE CONSTRUCTED  
6 SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

\*\* 4'-0" TO 8'-0" -  
NO. 5 REINF. BARS AT 12 CTS. E.W.  
8'-0" TO 13'-0" -  
NO. 5 REINF. BARS AT 10 CTS. E.W.  
13'-0" TO 15'-0" -  
NO. 5 REINF. BARS AT 8 CTS. E.W.

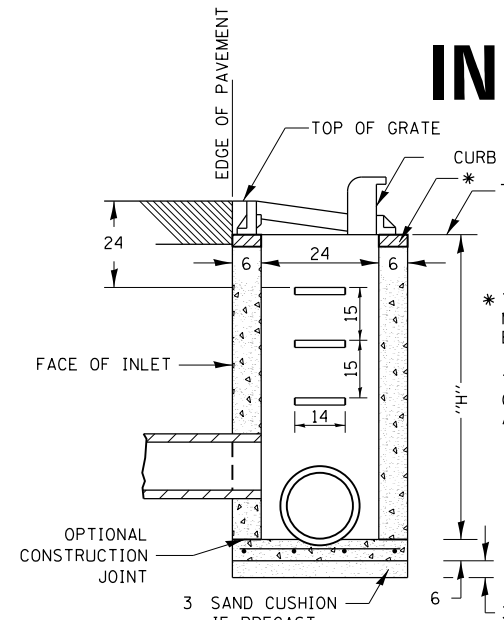
\*\*\* 7 SPA. AT 8" INLET SPECIAL \* 3, 4  
5 SPA AT 7-5/8" INLET SPECIAL \* 5, 6  
\*\*\* 2 REBARS FOR INLET SPECIAL 3 & 4 @ 65"  
4 REBARS FOR INLET SPECIAL 5 & 6 @ 24"

**NOTES**  
ALL DIMENSIONS ARE IN INCHES UNLESS  
OTHERWISE NOTED.  
TOP SLAB REINFORCEMENT TO BE EPOXY COATED BARS.

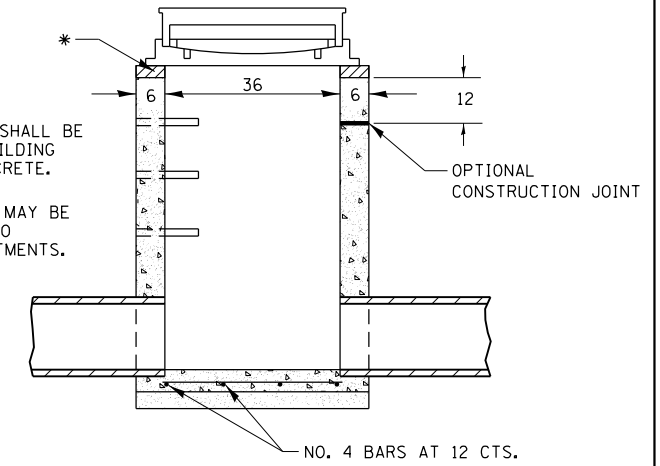
REVISED - 4-13-16  
REVISED - 8-27-13  
REVISED - 10-05-11

**INLETS, SPECIAL, NO. 3, 4, 5, 6 REINFORCEMENT DETAIL 79.4g**

# INLETS, SPECIAL



**SEC. A-A**



**SEC. B-B**

**NOTES**

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL  
BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602  
OF THE STANDARD SPECIFICATIONS.

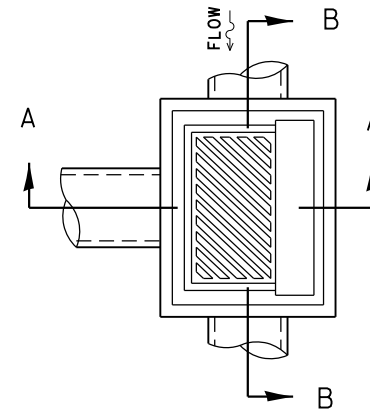
THE SIDE WALLS MAY BE BUILT AS PRECAST  
SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE  
AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

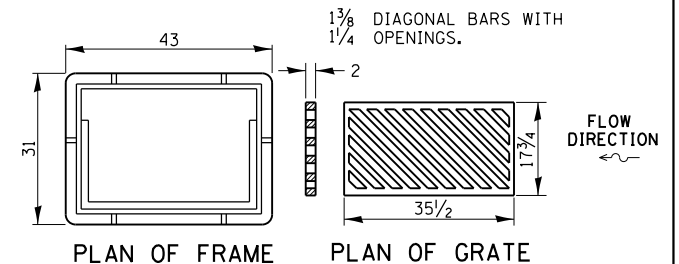
WEIGHT OF CAST IRON FRAME & GRATE = 530 lbs. ± .  
STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS  
LESS THAN 5 ft.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED  
THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE  
WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD  
SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE  
4,000 psi AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLETS, SPECIAL SHALL  
INCLUDE THE COST OF CONSTRUCTING THE INLET BOX,  
FURNISHING AND INSTALLING THE FRAME AND GRATE, THE  
CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS,  
SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

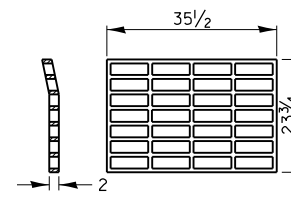


# DETAIL OF FRAME & GRATE

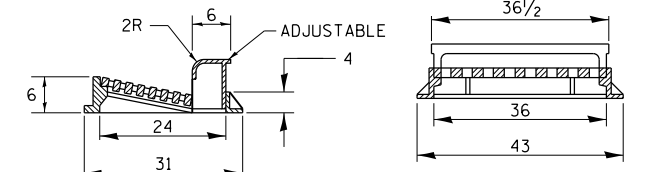


**PLAN OF FRAME**

**PLAN OF GRATE**



**PLAN OF GRATE \***



**SECTION A-A**

**SECTION B-B**

\* THIS GRATE TO BE USED WITHOUT CURB  
BOX WHEN INLET IS IN DRIVEWAY.

ALL DIMENSIONS ARE IN INCHES UNLESS  
OTHERWISE NOTED.

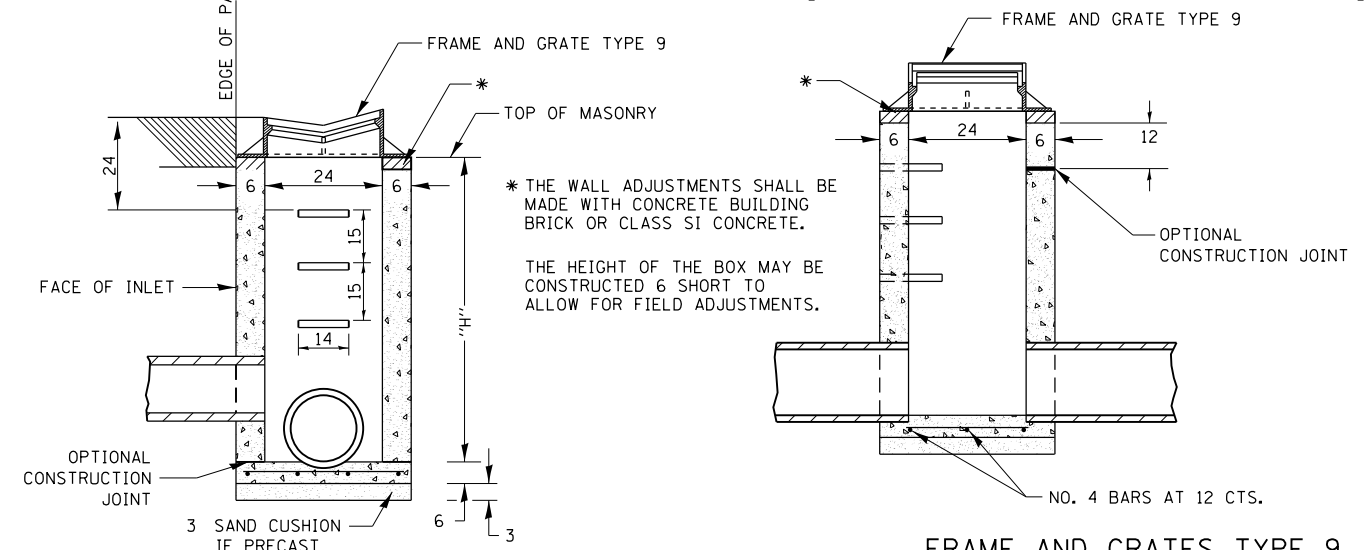
REVISED - 1-05-16  
REVISED - 6-27-14  
REVISED - 10-13-11  
REVISED -

**REGION 2 / DISTRICT 2 STANDARD**

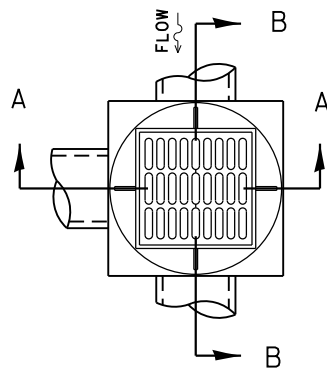
SCALE: 100:0' = 1" SHEET NO. OF SHEETS STA. TO STA.

| F.A.P. RTE.                                   | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|---|---------|-------------|--------------|-----------|
| 308   | 111R    | ROCK ISLAND | 117          | 50        |
| CONTRACT NO. 64K06                            |         |             |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |             |              |           |

# INLETS, SPECIAL (TYPE A GUTTER)



SEC. A-A



**NOTES**

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

WEIGHT OF CAST IRON FRAME & GRATE = 440 LBS.

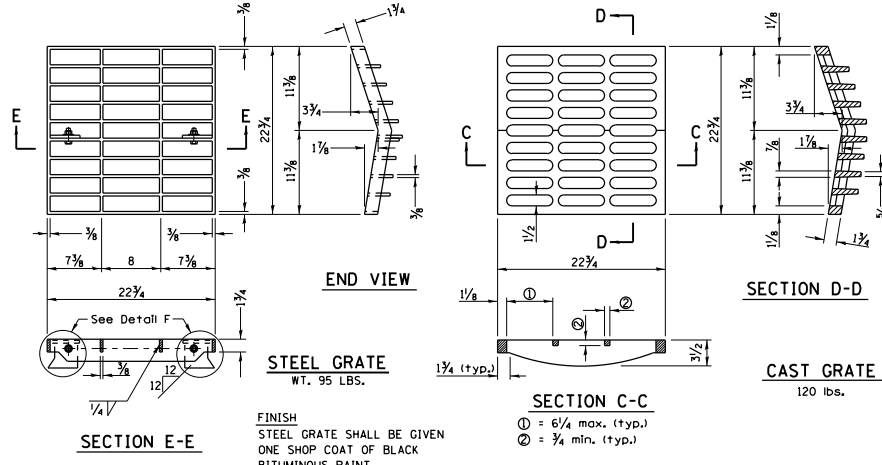
STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FT.

## DETAIL OF FRAME & GRATE

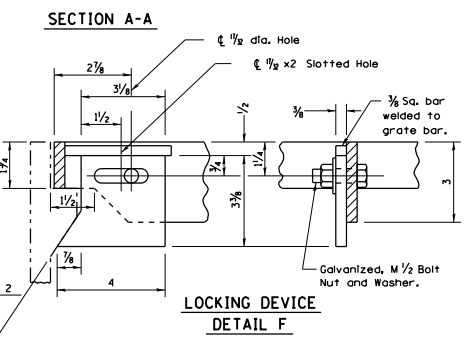
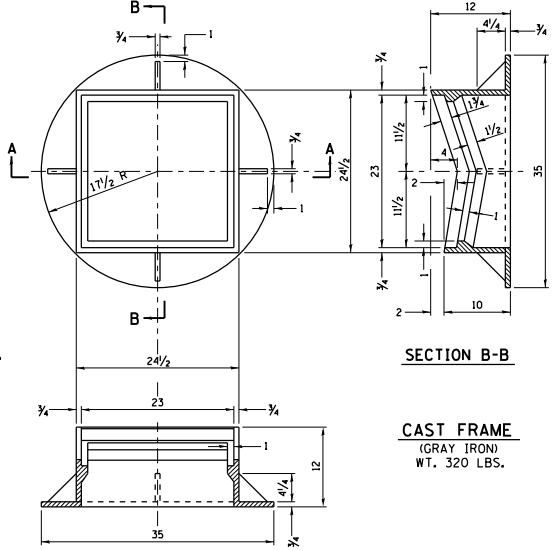
**NOTES**

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLETS, SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE STEPS (IF USED), THE PRECAST FLOOR SLAB, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.



FRAME AND GRATES TYPE 9



**GENERAL NOTES**

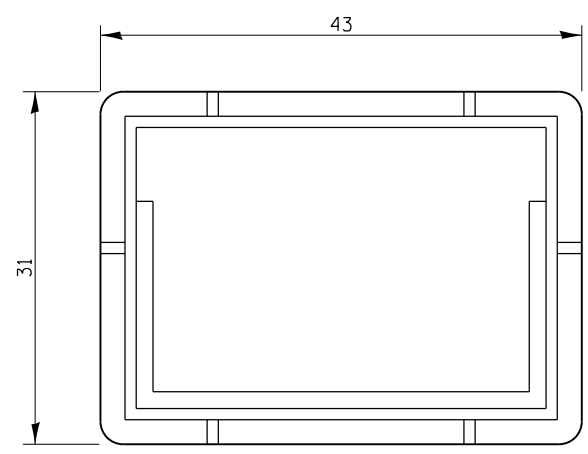
THE MATERIAL FOR STEEL GRATE SHALL CONFORM TO ARTICLE 1006.04 OF THE STANDARD SPECIFICATIONS.

THE USE OF EITHER A CAST GRATE OR A STEEL GRATE WITH THE CAST FRAME SHALL BE THE OPTION OF THE CONTRACTOR.

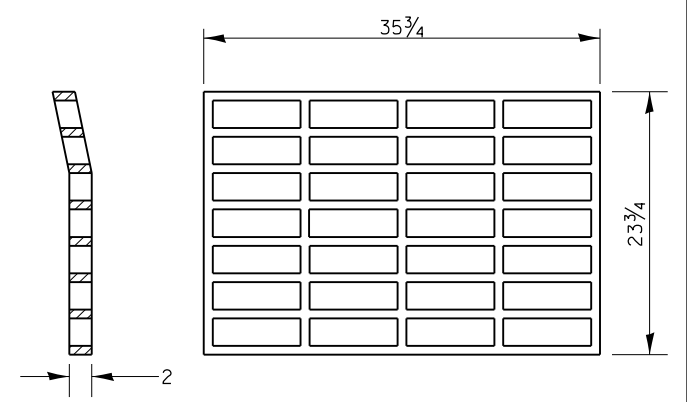
THE CAST GRATE MAY BE MADE OF EITHER GRAY IRON OR DUCTILE IRON CONFORMING TO THE STANDARD SPECIFICATIONS. DUCTILE IRON CASTING SHALL BE GRADE 65-45-12

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

# FRAME AND GRATE FOR INLETS, SPECIAL

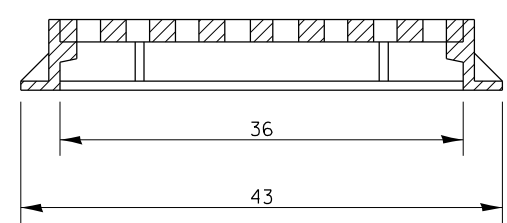


PLAN OF FRAME



PLAN OF GRATE \*

\* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

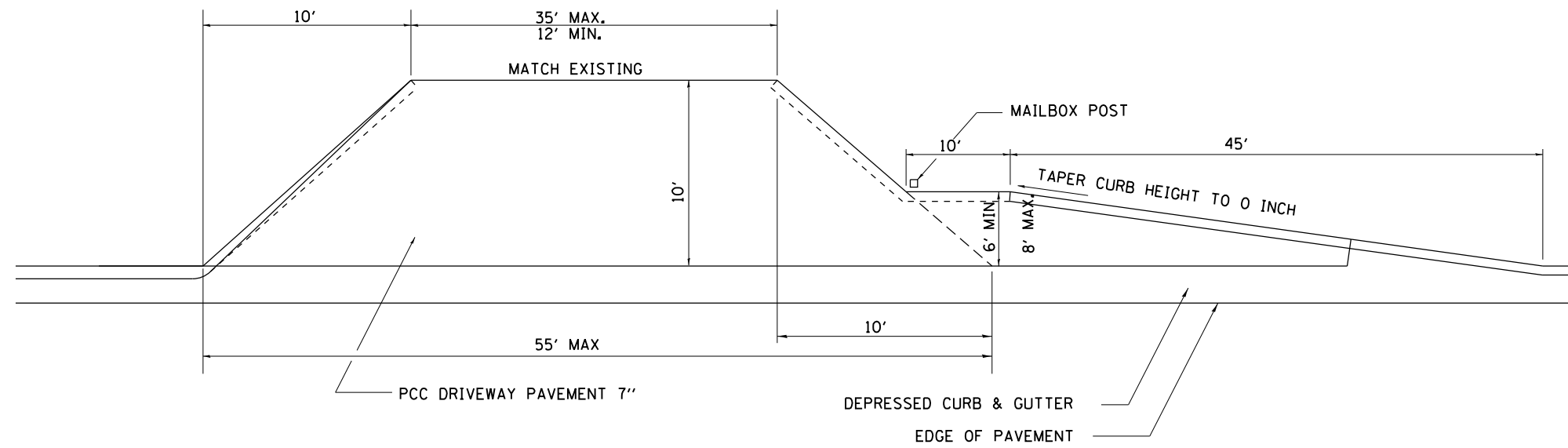
R-3290-A OR EQUIVALENT  
APPROXIMATE WEIGHT OF CAST IRON FRAME & GRATE - 530 LBS.

PLOT DATE = Mar-06-2018 01:02:45 PM

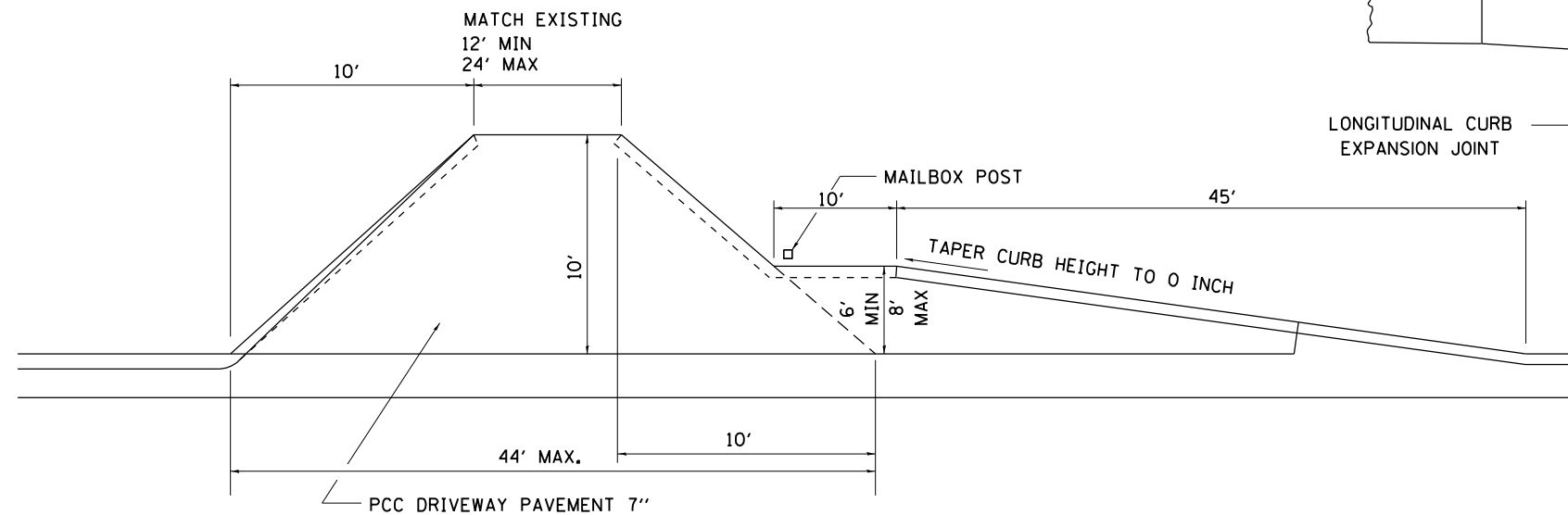
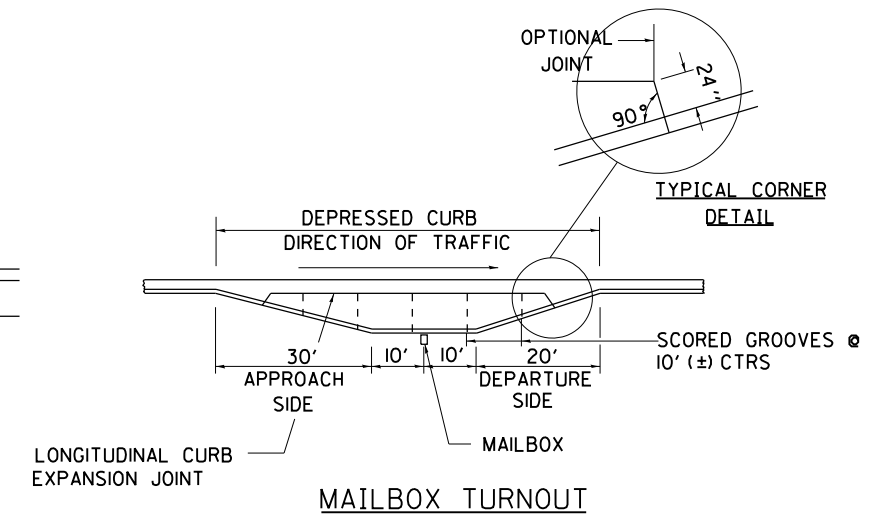
REVISED - 1-05-16  
REVISED - 6-27-14  
REVISED - 10-13-11

|                    |                                |           |           |                    |         |   |              |           |
|--------------------|--------------------------------|-----------|-----------|--------------------|---------|---|--------------|-----------|
| REVISED - 4-14-15  | REGION 2 / DISTRICT 2 STANDARD |           |           | F.A.P. RTE.        | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
| REVISED - 6-27-14  |                                |           |           | 308                | 111R    | ROCK ISLAND                                   | 117          | 51        |
| REVISED - 10-14-11 |                                |           |           | CONTRACT NO. 64K06 |         |   |              |           |
| REVISED -          | SCALE: 100:0                   | SHEET NO. | OF SHEETS | STA.               | TO STA. | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |              |           |

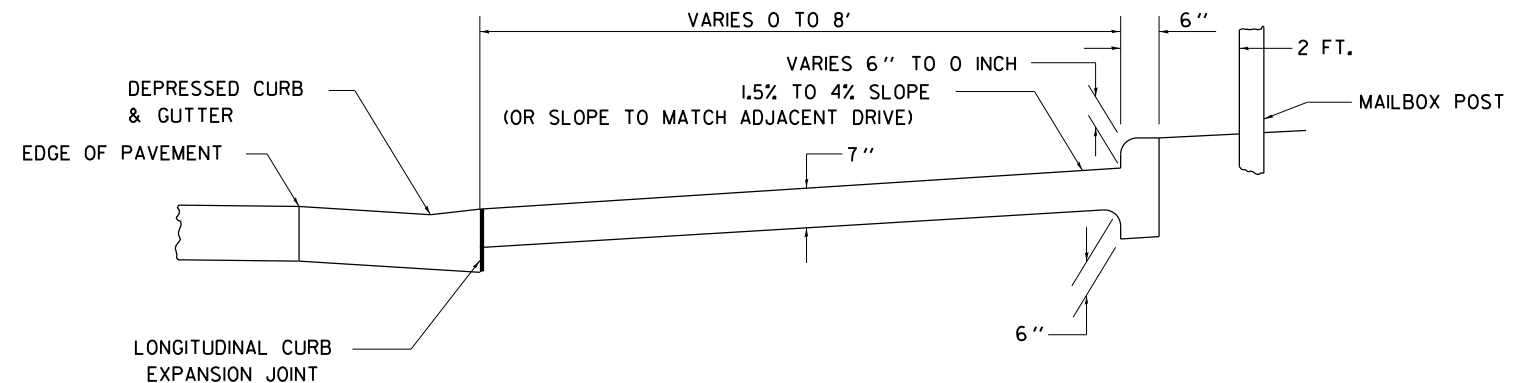
# MAILBOX TURNOUT IN CURB AND GUTTER SECTION



COMMERCIAL ENTRANCE WITH MAILBOX TURNOUT



PRIVATE ENTRANCE WITH MAILBOX TURNOUT



TYPICAL CROSS SECTION

## GENERAL NOTES

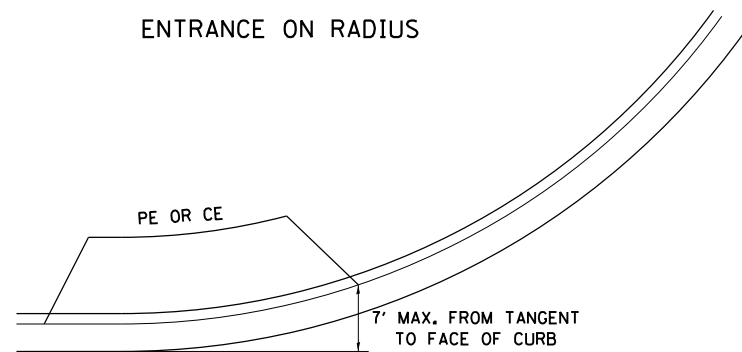
- 1.) THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.
- 2.) THE MAILBOX TURNOUT CROSS SLOPE WILL BE AS SHOWN ABOVE, AS SHOWN ON THE STATION CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
- 3.) THE MAILBOX TURNOUT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 423.06 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY 10 FT. CENTERS. IN THE EVENT THERE IS EXISTING OR PROPOSED SIDEWALK PRESENT, THESE SCORED GROOVES SHALL BE PLACED IN LINE WITH EVERY OTHER JOINT IN THE ADJACENT SIDEWALK.
- 4.) THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CURB EXPANSION JOINT AND MONOLITHIC CURB AS SHOWN, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 5.) SEE THE DISTRICT STANDARD 25.1 FOR ADDITIONAL DETAILS.
- 6.) MAILBOXES SHALL BE INSTALLED TO CURRENT UNITED STATES POSTAL SERVICE MAILBOX GUIDELINES.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

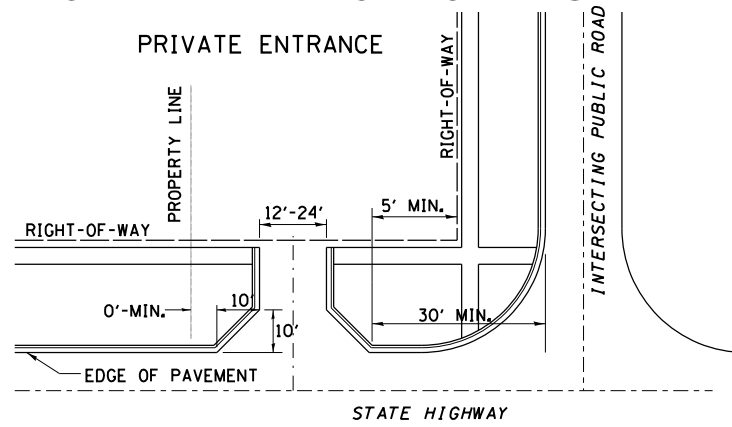
|  |                       |            |                    |   |                                       |  |  |   |         |             |              |           |
|--|-----------------------|------------|--------------------|---|---------------------------------------|--|--|---|---------|-------------|--------------|-----------|
| FILE NAME =  | USER NAME = cushmenbw | DESIGNED - | REVISED - 1-03-18  | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>REGION 2 / DISTRICT 2 STANDARD</b> |  |  | F.A.P. RTE.                                   | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| pw\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2017\Drawings\CAD\Sheets\201714-sht-typical | DRAWN                 | REVISION   | REVISED - 10-17-11 |   |                                       |  |  | 308   | 111R    | ROCK ISLAND | 117          | 52        |
| PLOT SCALE = 1/8" = 1'   | CHECKED -             | REVISED -  | REVISED -          |   |                                       |  |  | CONTRACT NO. 64K06                            |         |             |              |           |
| PLOT DATE = Mar-06-2018 01:03:03 PM  | DATE -                | REVISED -  | REVISED -          |   |                                       |  |  | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |             |              |           |

# ENTRANCE APPROACHES – URBAN AREA

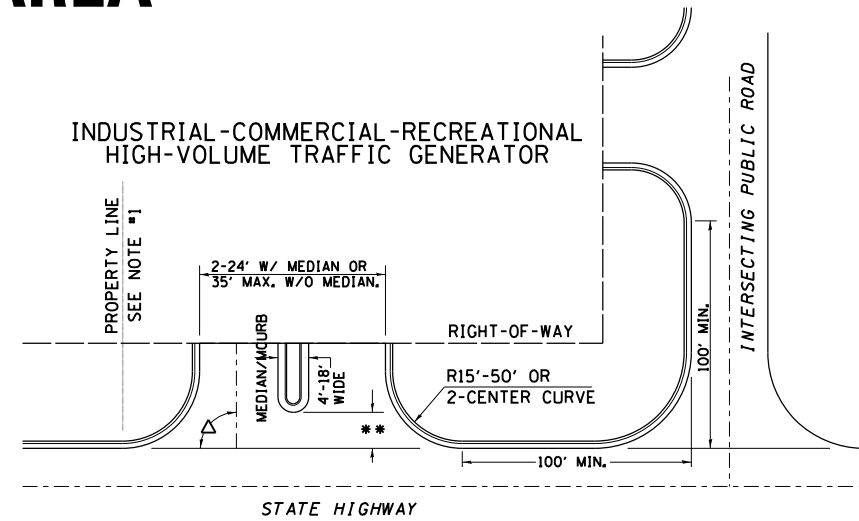
ENTRANCE ON RADIUS



PRIVATE ENTRANCE



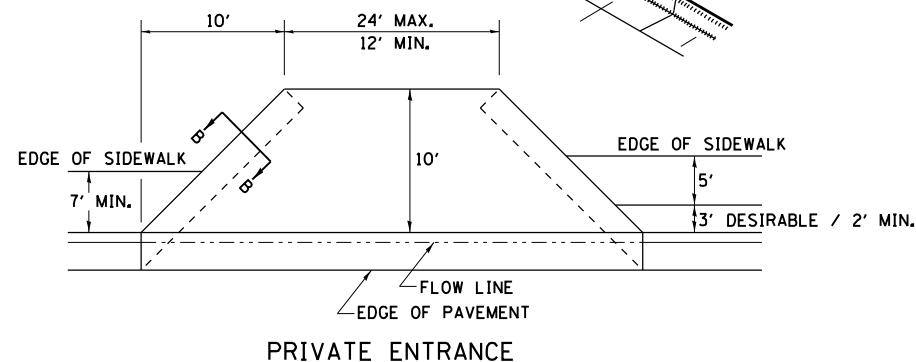
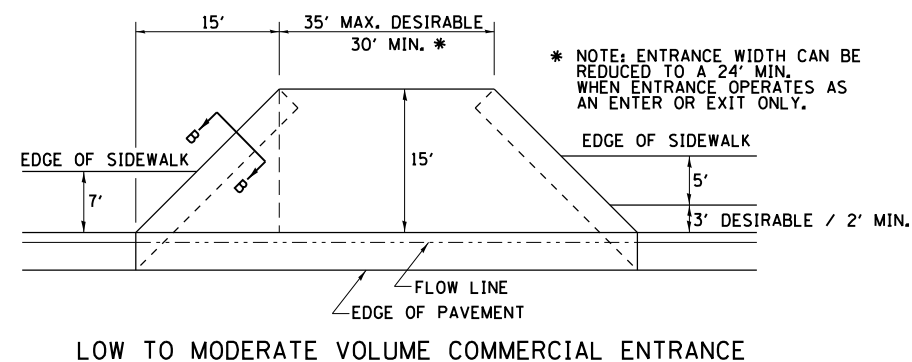
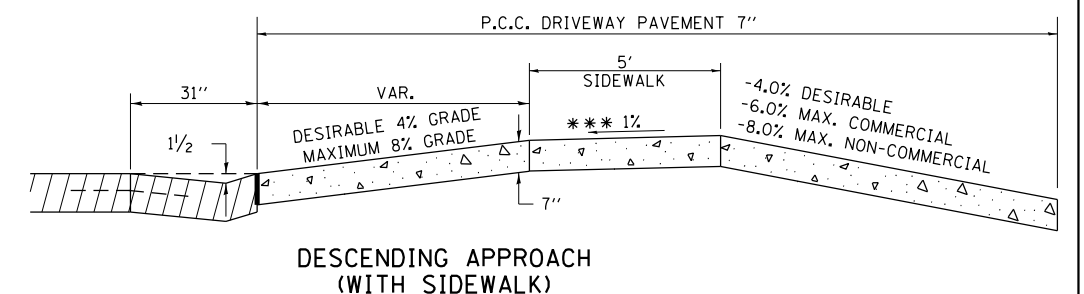
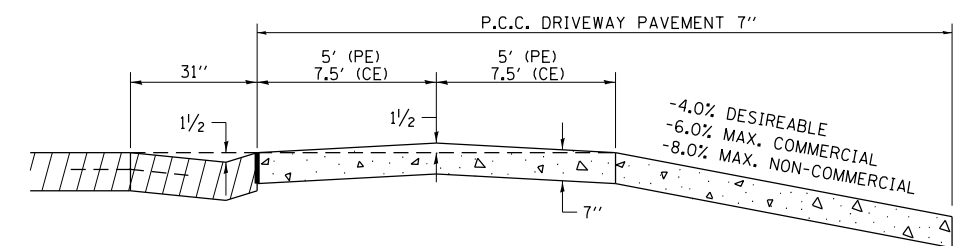
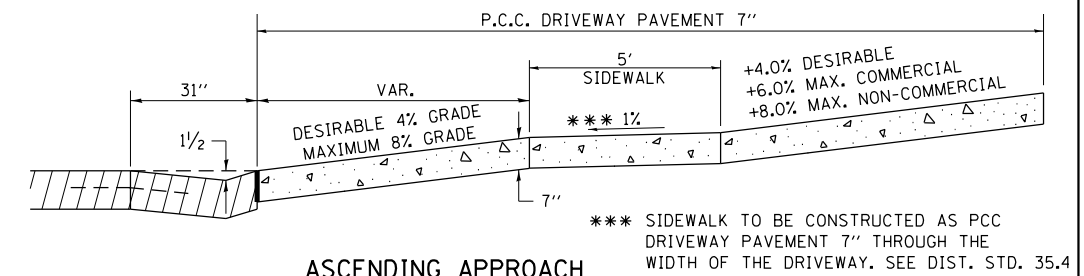
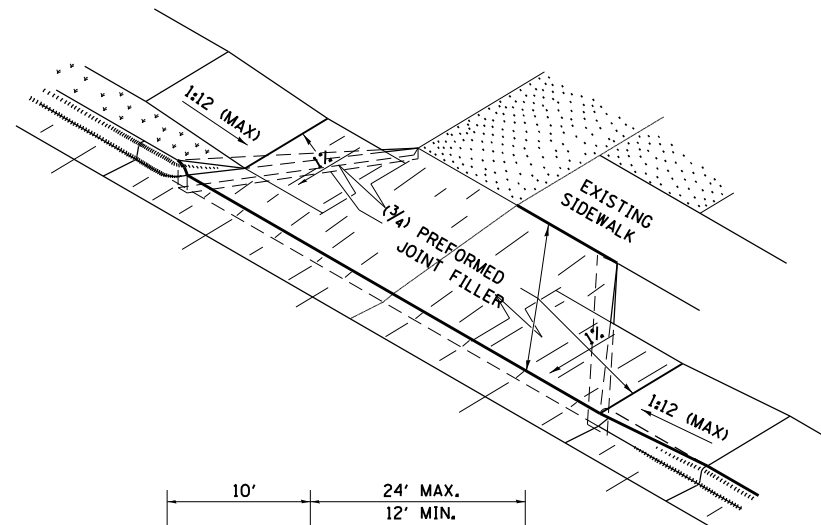
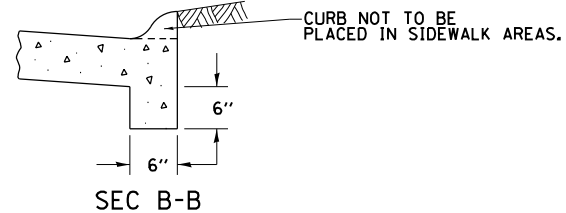
INDUSTRIAL-COMMERCIAL-RECREATIONAL HIGH-VOLUME TRAFFIC GENERATOR



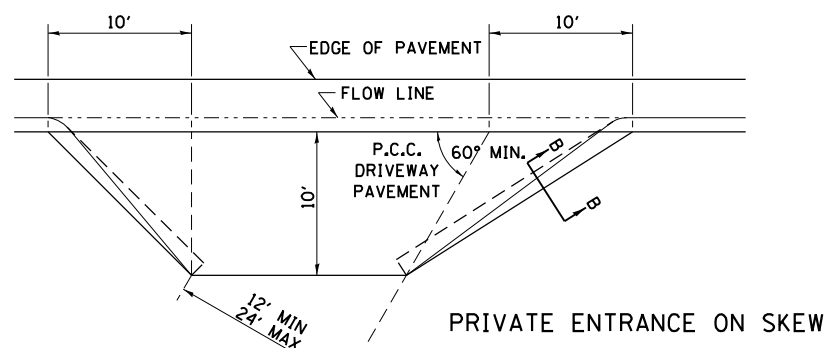
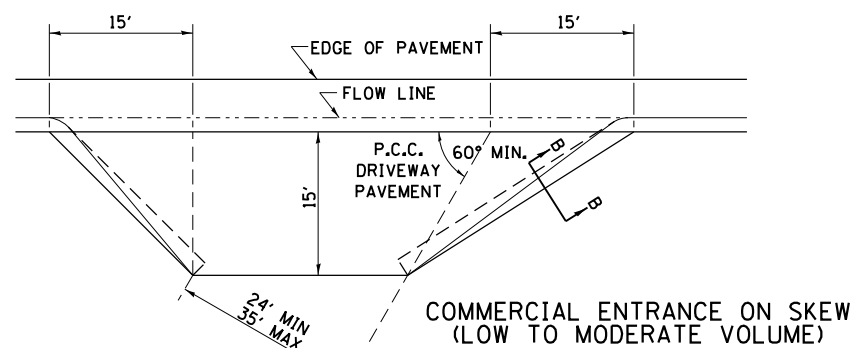
A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS.  $\Delta$  90° DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS. 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.

NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.

\*\* 4'-10" IF HIGHWAY CURBED. AT EDGE OF SHOULDER IF HIGHWAY UNCURBED.



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



|  |   |            |                    |
|--|---|------------|--------------------|
| FILE NAME =  | USER NAME = cushmanbw                       | DESIGNED - | REVISED - 6-27-14  |
| pw\11084EBIDINTEG.111nois.gov\PIWIDT\Documents\DOT Offices\District 2\Projects\2017\20170714-sht-typical.dwg | DRAWN Data\CADsheets\201714-sht-typical.dwg | CHECKED -  | REVISED - 12-07-10 |
| PLOT SCALE = 100:0 1' / in.  |   | DATE -     | REVISED -          |
| PLOT DATE = Mar-06-2018 01:04:00 PM  |   |            |                    |

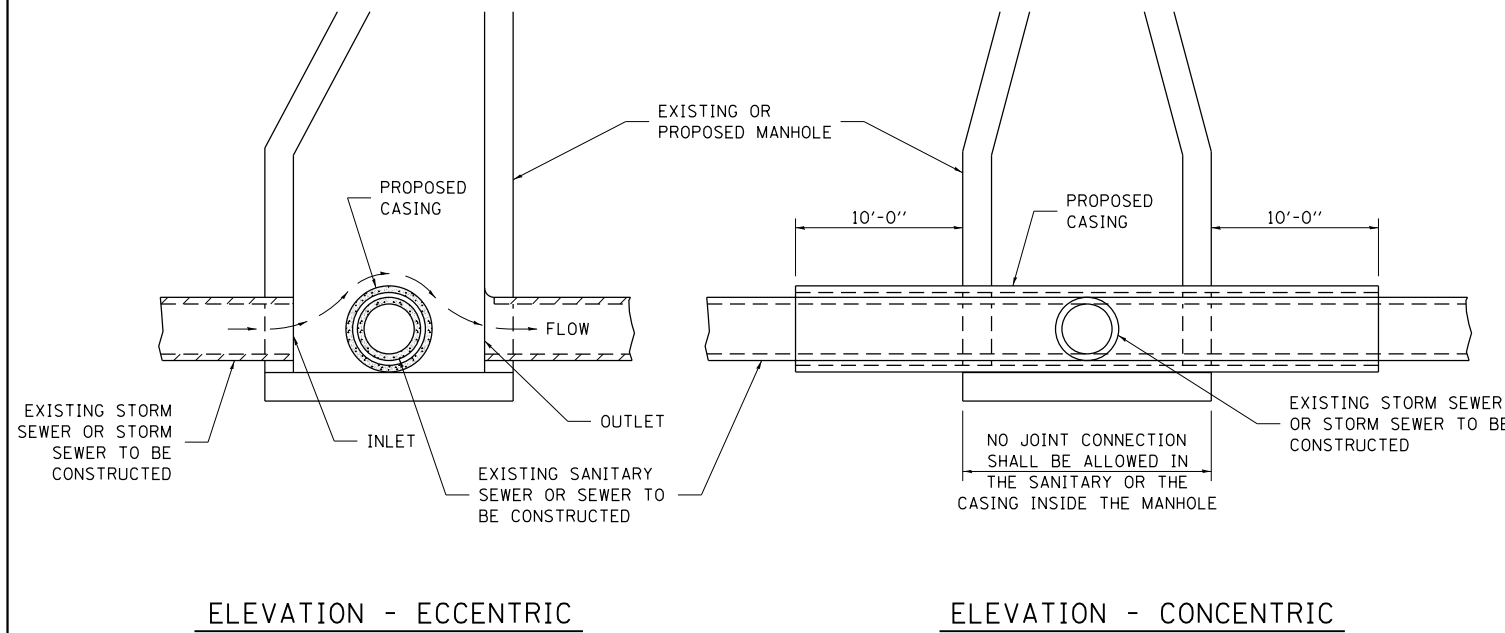
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

|   |         |             |              |           |
|---|---------|-------------|--------------|-----------|
| F.A.P. RTE.                                   | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308   | 111R    | ROCK ISLAND | 117          | 53        |
| CONTRACT NO. 64K06                            |         |             |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |             |              |           |

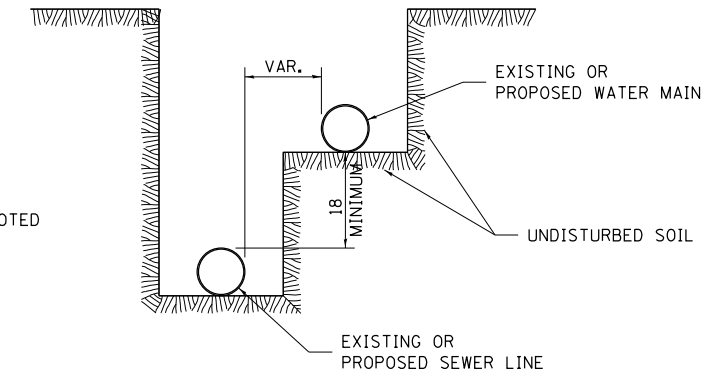
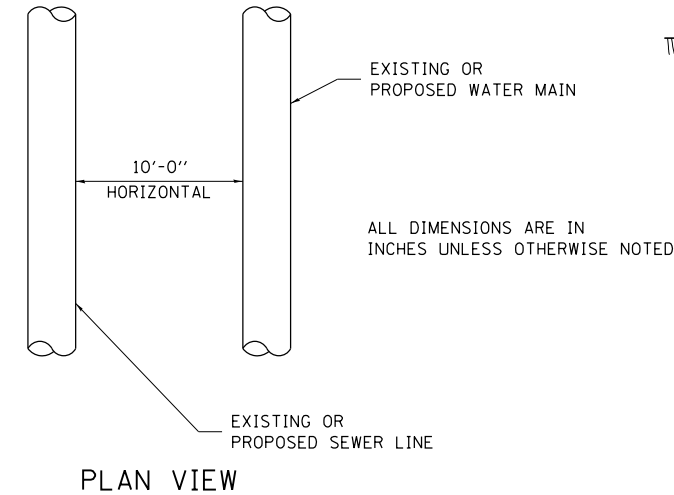
# SEWER AND WATER MAIN CROSSINGS



THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10'-0" OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10'-0" FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.

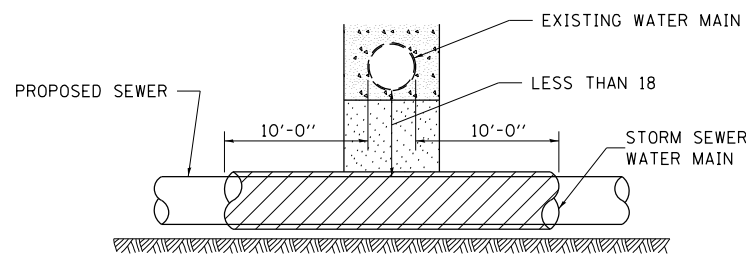


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

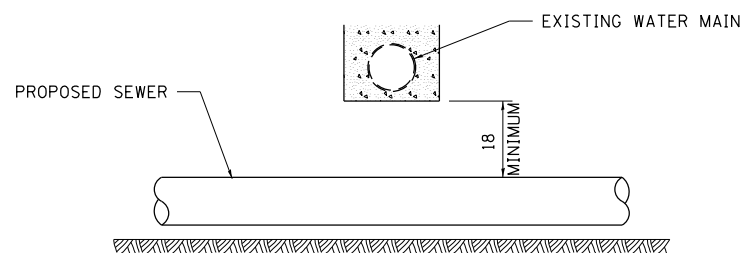
## AT GRADE CROSSING OF SANITARY AND STORM SEWER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN  
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



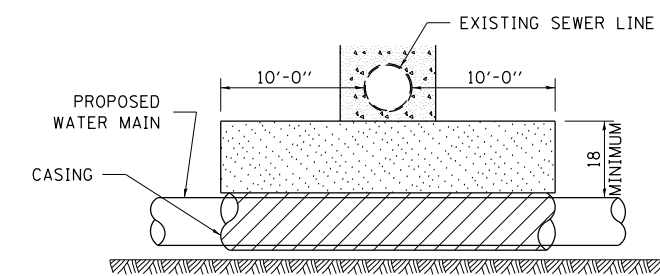
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH  
 MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

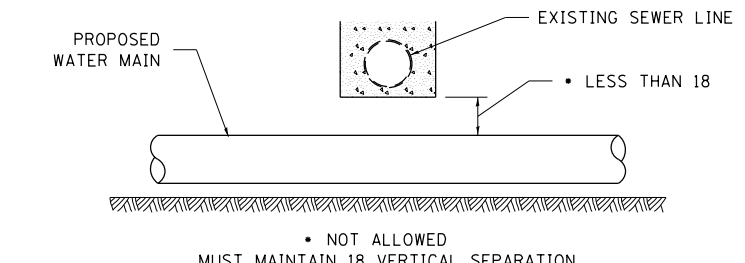
## PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT  
 PLACE TRENCH BACKFILL FOR 10 FT. ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

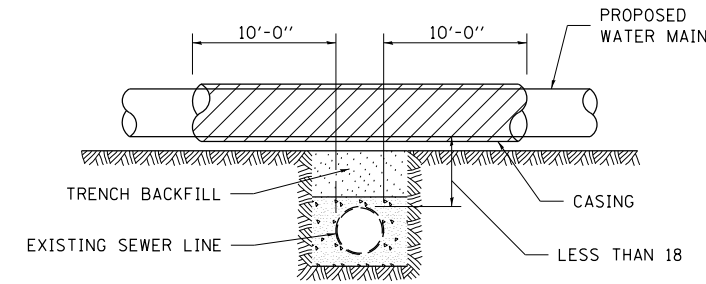
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH  
 MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

## PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

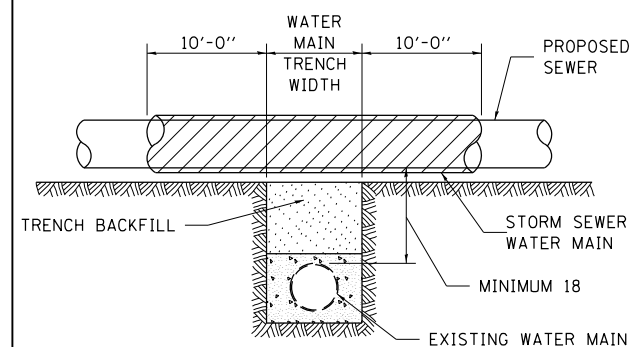


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

## PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

## EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 18 VERTICAL SEPARATION

|   |                       |            |                    |
|---|-----------------------|------------|--------------------|
| FILE NAME =   | USER NAME = cushmenbw | DESIGNED - | REVISED - 10-17-11 |
| pw\11\084EBIDINTEG\11\inois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2017\DRAWING\CAD\Sheets\201714-sht-typical |                       | CHECKED -  | REVISED -          |
|   |                       | DATE -     | REVISED -          |
|   |                       |            |                    |

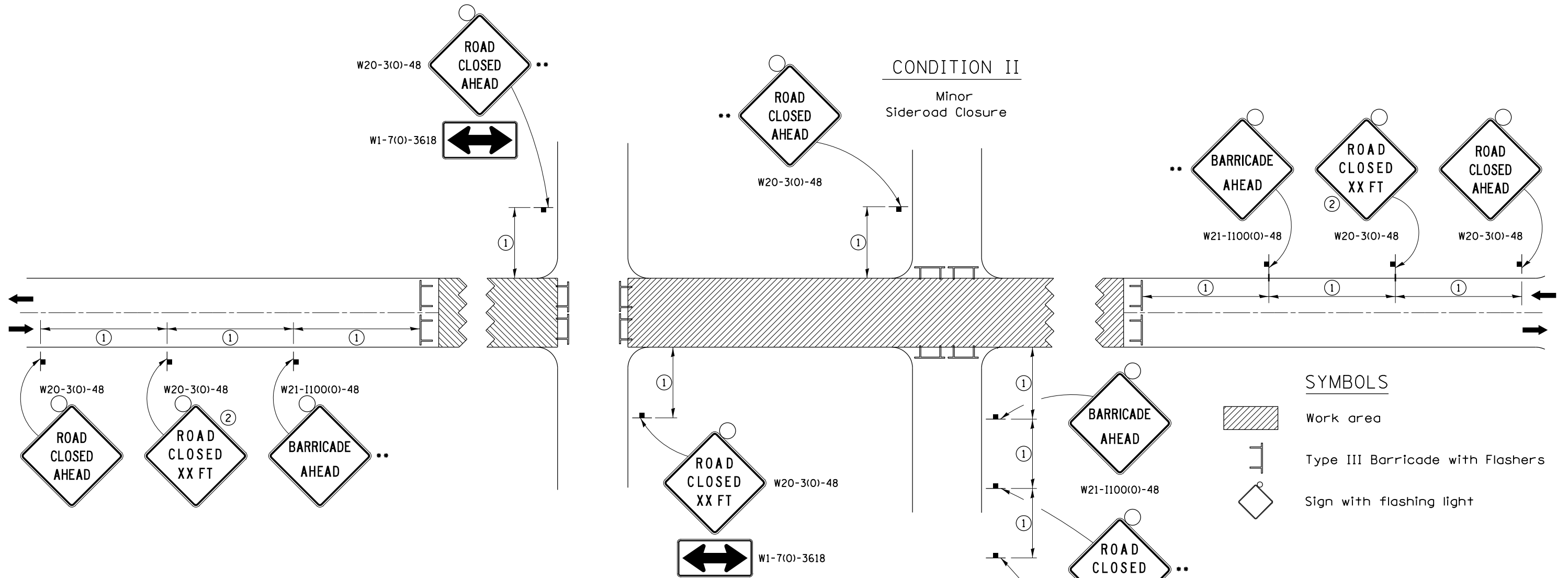
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD




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

|   |         |             |              |           |
|---|---------|-------------|--------------|-----------|
| F.A.P. RTE.                                   | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308   | 111R    | ROCK ISLAND | 117          | 53A       |
| CONTRACT NO. 64K06                            |         |             |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |             |              |           |

# TRAFFIC CONTROL FOR ROAD CLOSURE



## SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

## GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

\*\* Where local access is to be maintained, barricades are to be set up as shown in "Road Closed To Thru Traffic". Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

All dimensions are in inches unless otherwise shown.

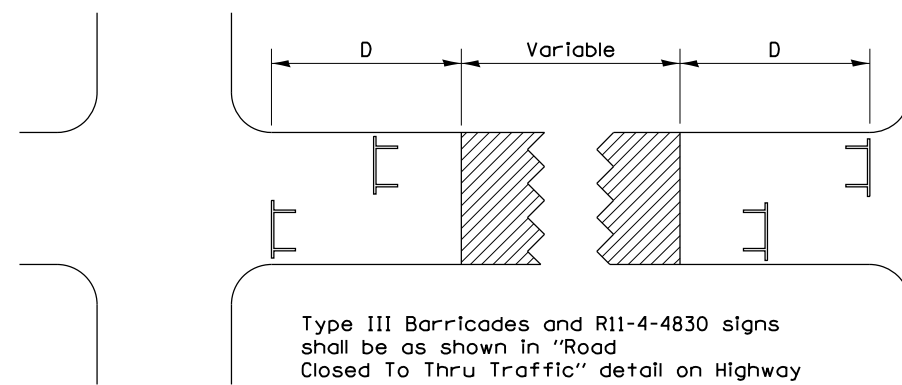
①

| SIGN SPACING TABLE |              |
|--------------------|--------------|
| Posted Speed       | Sign Spacing |
| 45 MPH and above   | 500'         |
| Below 45 MPH       | 250'         |

②

| SIGN LEGEND        |          |
|--------------------|----------|
| Posted Speed Limit | Distance |
| 45 MPH and above   | 1000'    |
| Below 45 MPH       | 500'     |

## ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

## CONDITION I

Major Sideroad Closure

## CONDITION II

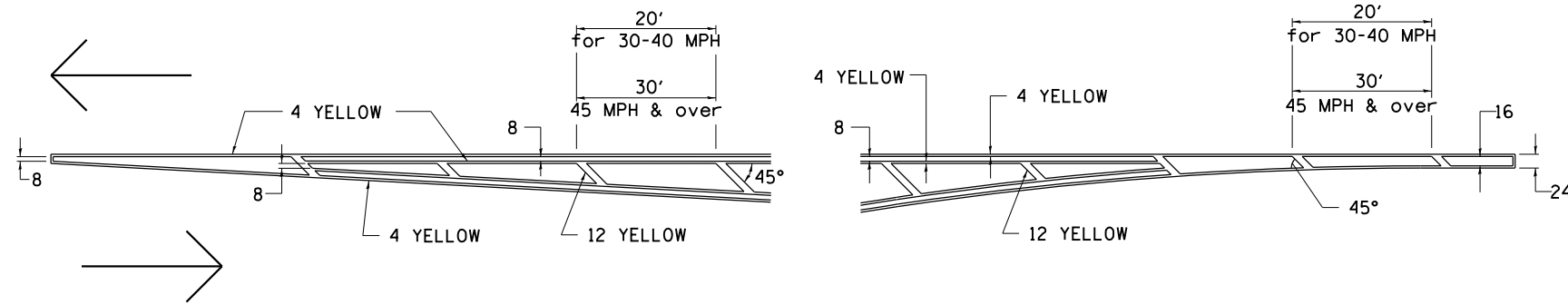
Minor Sideroad Closure

TYPICAL APPLICATION FOR ROAD CLOSURE

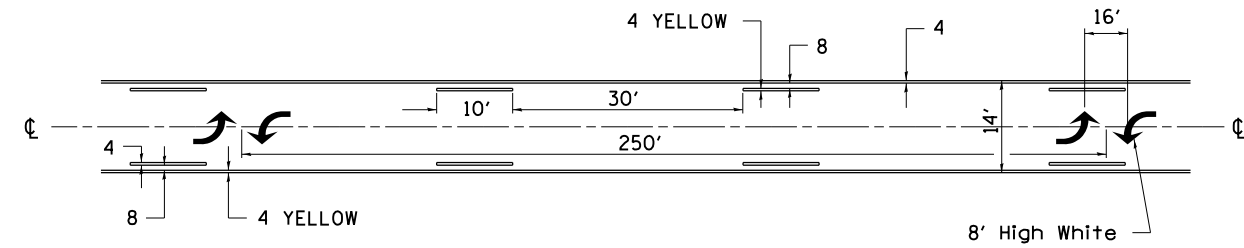
|   |                       |            |                   |   |                                       |           |           |               |         |                     |                           |           |
|---|-----------------------|------------|-------------------|---|---------------------------------------|-----------|-----------|---------------|---------|---------------------|---------------------------|-----------|
| FILE NAME =   | USER NAME = cushmenbw | DESIGNED - | REVISED - 8-03-17 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>REGION 2 / DISTRICT 2 STANDARD</b> |           |           | F.A.P. R.T.E. | SECTION | COUNTY              | TOTAL SHEETS              | SHEET NO. |
| pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2017\DRAWING\CADsheets\0201714-sht-typical | REVISOR =             | REVISOR =  | REVISOR =         |   |                                       |           |           | 308           | 111R    | ROCK ISLAND         | 117                       | 54        |
| PLOT SCALE = 100:0 ' / in.  | CHECKED -             | REVISOR =  | REVISOR =         |   | CONTRACT NO. 64K06                    |           |           |               |         |                     |                           |           |
| PLOT DATE = Mar-06-2018 01:04:51 PM   | DATE -                | REVISOR =  | REVISOR =         |   | SCALE:                                | SHEET NO. | OF SHEETS | STA.          | TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |           |

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

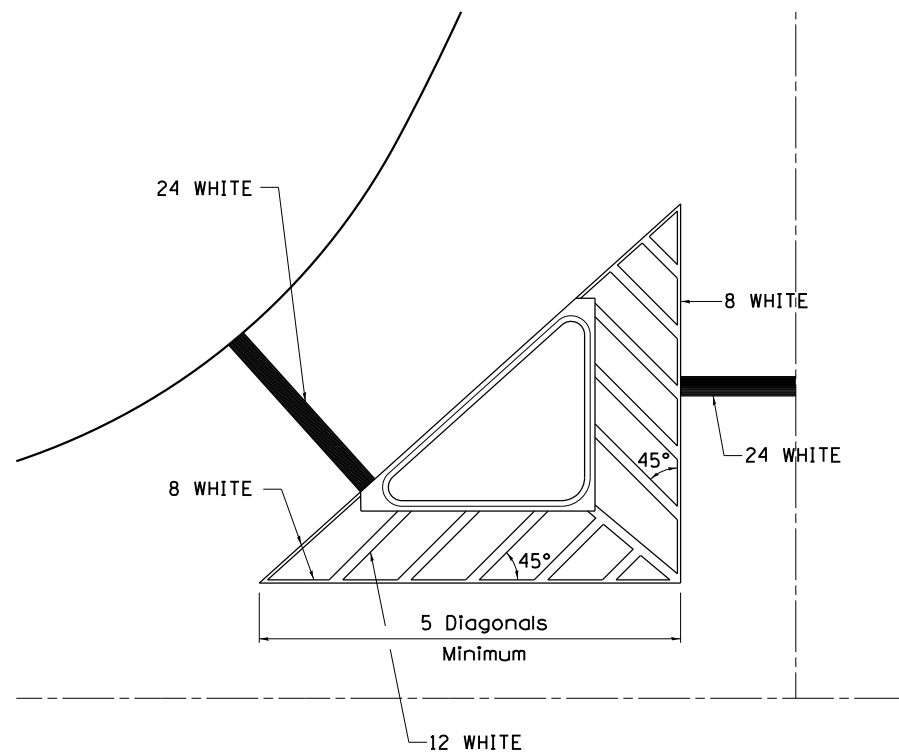


## MEDIAN PAVEMENT MARKING



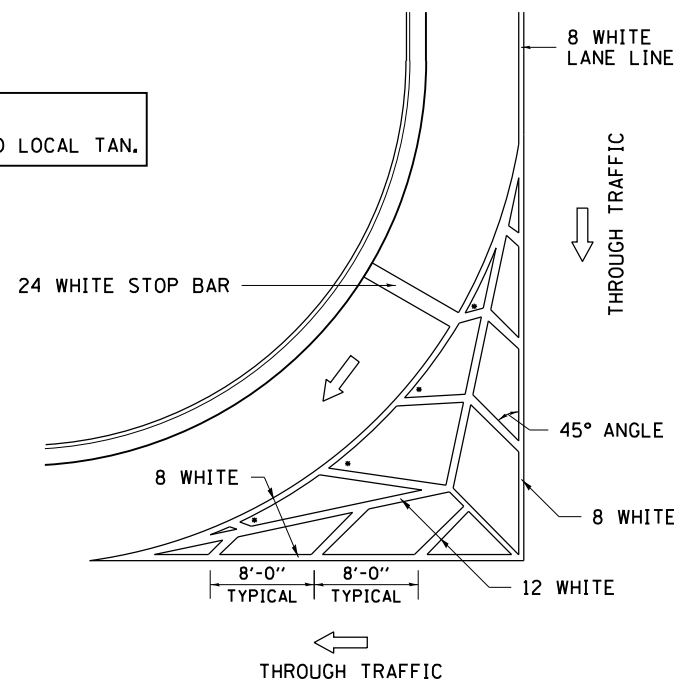
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



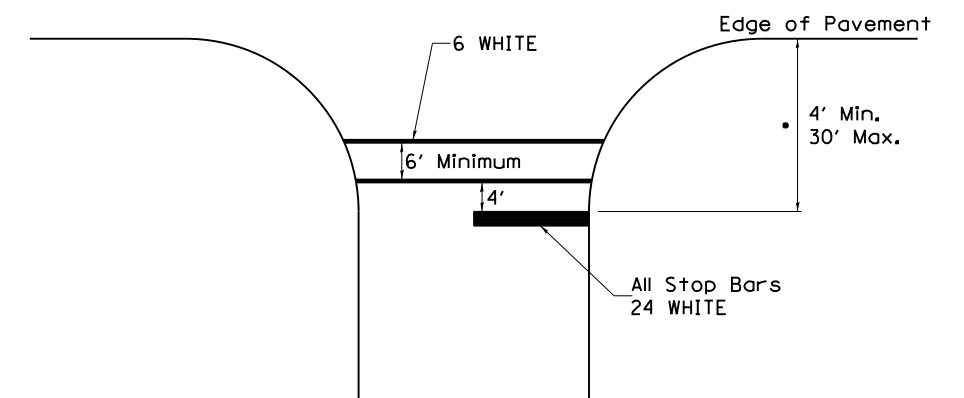
## TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:  
\* 45° TO LOCAL TAN.



## STANDARD CROSSWALK MARKING

See Schedules for Locations



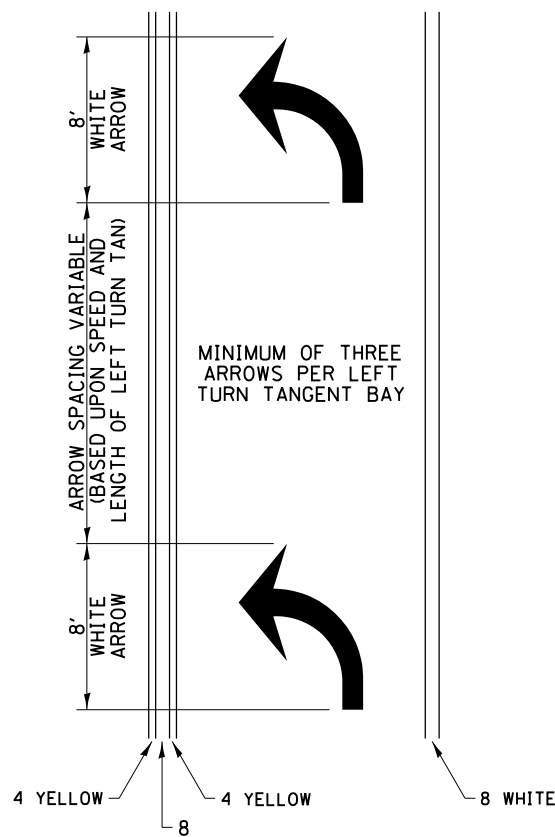
• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

|   |                       |            |                   |   |   |  |  |             |         |             |              |           |
|---|-----------------------|------------|-------------------|---|---|--|--|-------------|---------|-------------|--------------|-----------|
| FILE NAME =   | USER NAME = cushmenbw | DESIGNED - | REVISED - 6-27-14 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>REGION 2 / DISTRICT 2 STANDARD</b>         |  |  | F.A.P. RTE. | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| pw\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\2017\Drawings\CADsheets\0201714-sht-typical | 7                     | REVISOR -  | REVISED - 3-05-12 |   |   |  |  | 308         | 111R    | ROCK ISLAND | 117          | 55        |
| PLOT SCALE = 100:1  | CHECKED -             | REVISED -  | REVISED -         |   | CONTRACT NO. 64K06                            |  |  |             |         |             |              |           |
| PLOT DATE = Mar-06-2018 01:05:23 PM   | DATE -                | REVISED -  | REVISED -         |   | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |  |  |             |         |             |              |           |



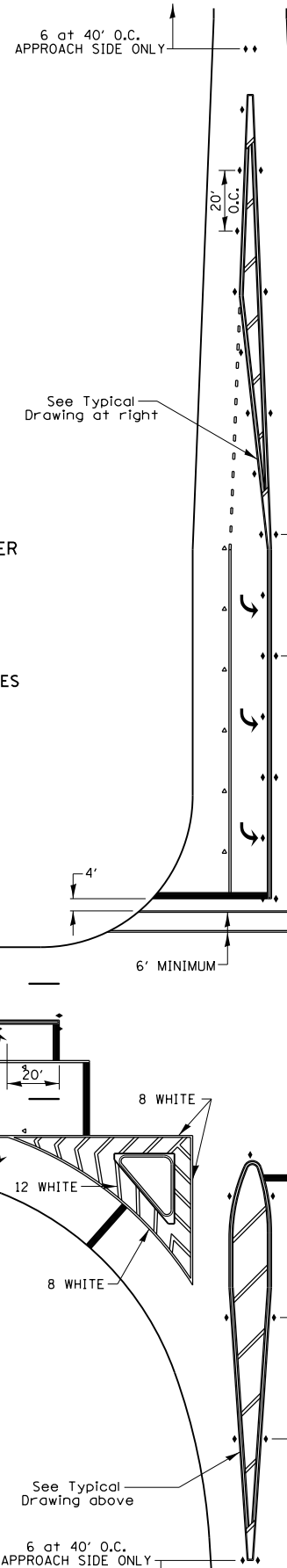
# TYPICAL PAVEMENT MARKINGS

## ARROW LAYOUT

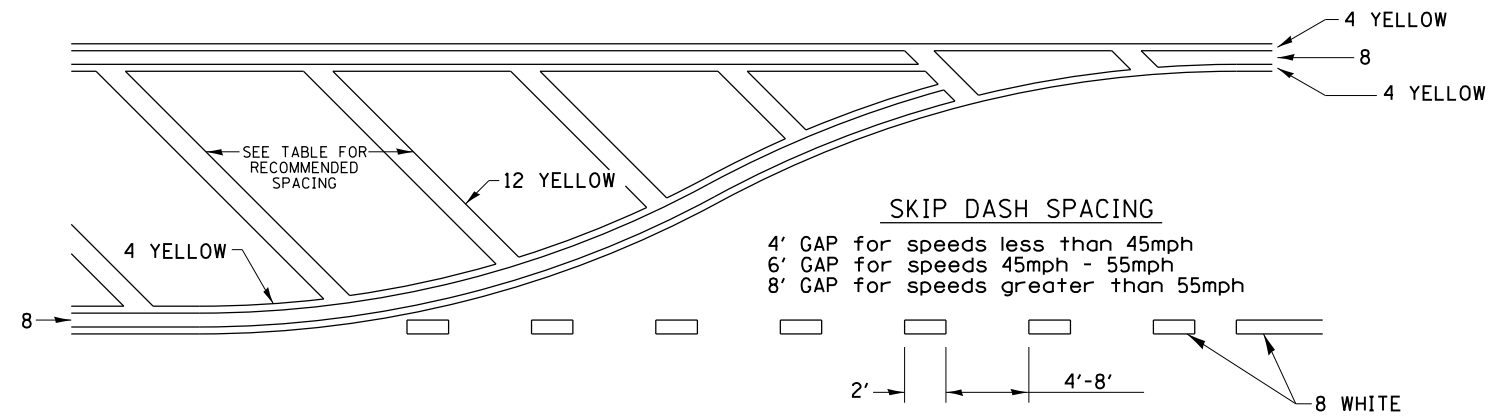


- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



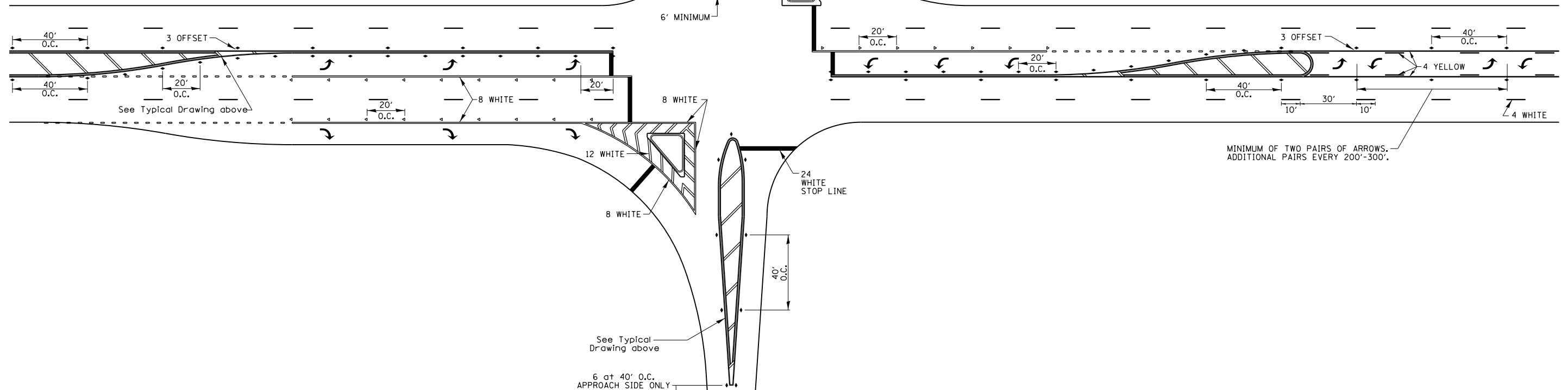
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



### RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

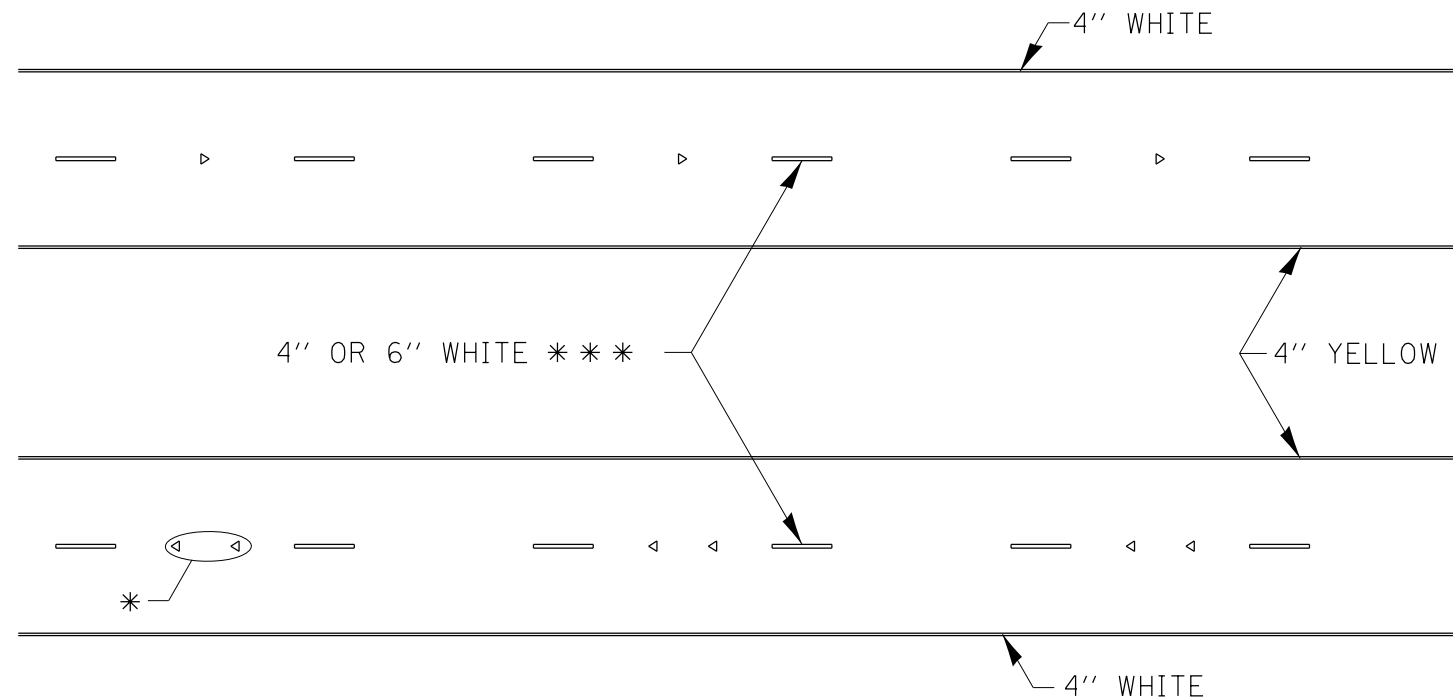
| Speed Limit Range | Continuous Median Area | Intersection Channelization | Objects (Islands) |
|-------------------|------------------------|-----------------------------|-------------------|
| less than 30MPH   | 50'                    | 15'                         | 10'               |
| 30-40MPH          | 75'                    | 20'                         | 15'               |
| 45MPH & over      | 75'                    | 30'                         | 20'               |

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



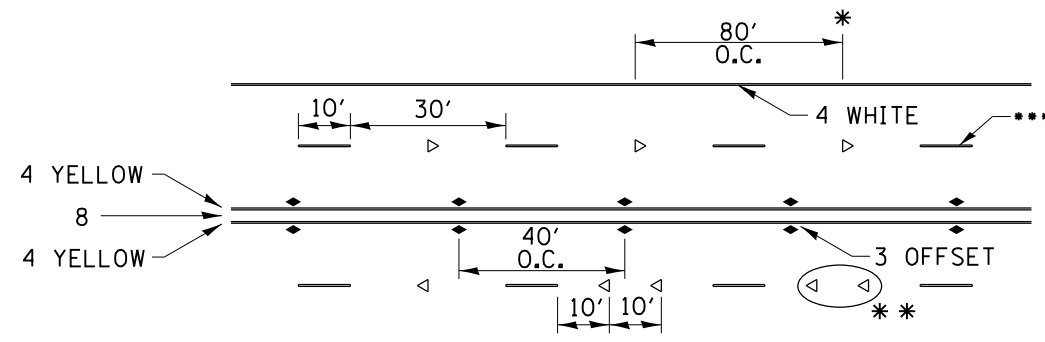
|   |                       |            |                   |   |   |           |           |      |                    |         |        |              |           |    |
|---|-----------------------|------------|-------------------|---|---|-----------|-----------|------|--------------------|---------|--------|--------------|-----------|----|
| FILE NAME =   | USER NAME = cushmenbw | DESIGNED - | REVISED - 6-27-14 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>REGION 2 / DISTRICT 2 STANDARD</b>         |           |           |      | F.A.P. RTE.        | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |    |
| pw\11084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\NP207\DRAWING\CAD\Sheets\201714-sht-typical |                       | DRAWN      | REVISED - 3-05-12 |   | SCALE:  | SHEET NO. | OF SHEETS | STA. | TO STA.            | 308     | 111R   | ROCK ISLAND  | 117       | 56 |
| PLOT SCALE = 1/8" = 1'  |                       | CHECKED -  | REVISED -         |   |   |           |           |      | CONTRACT NO. 64K06 |         |        |              |           |    |
| PLOT DATE = Mar-06-2018 01:06:05 PM   |                       | DATE -     | REVISED -         |   | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |           |           |      |                    |         |        |              |           |    |

# TYPICAL PAVEMENT MARKINGS



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS. USE DOUBLE MARKERS WHEN ADT > 20,000.

## MULTI-LANE / DIVIDED



\* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

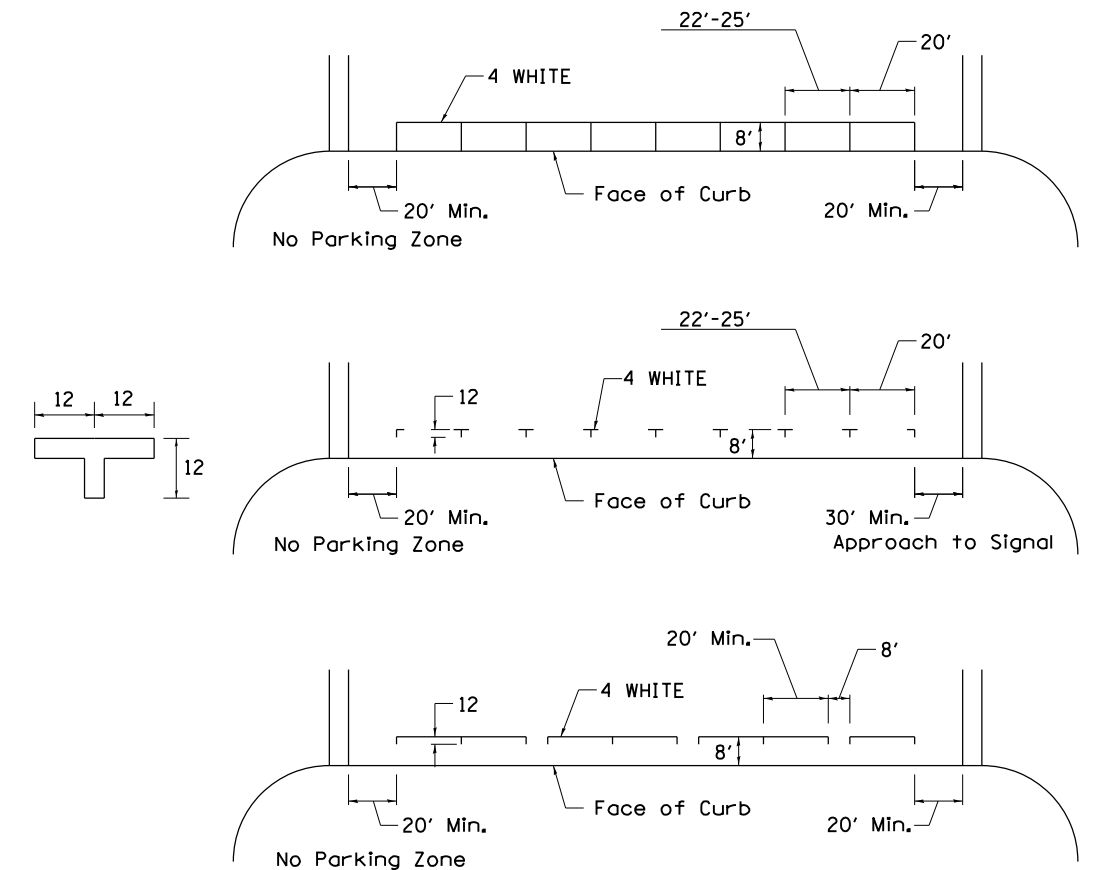
\*\* USE DOUBLE MARKERS WHEN ADT ≥ 20,000

\*\*\* CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

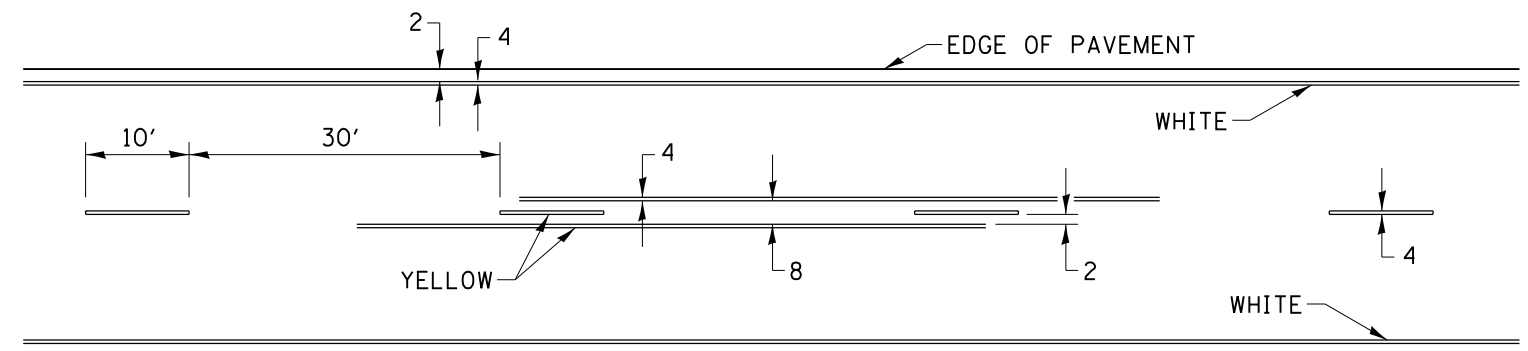
## MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

## TYPICAL PARKING SPACING



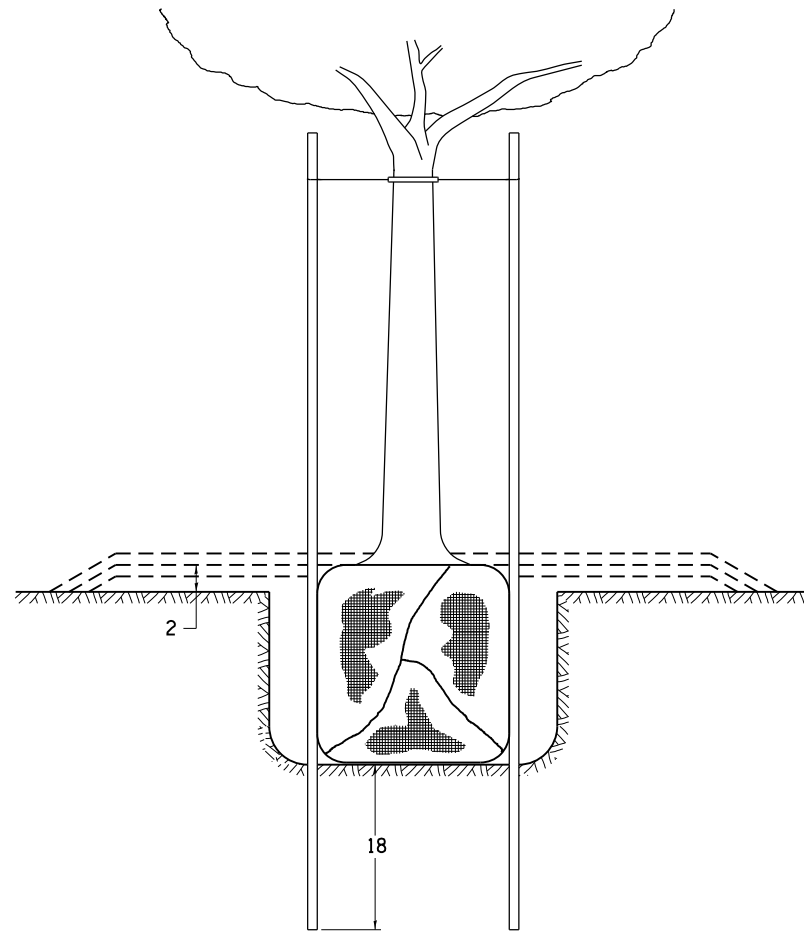
## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



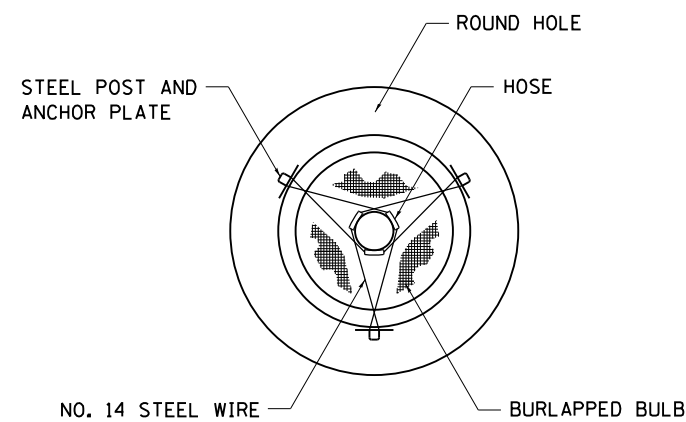
## SYMBOLS

|  |                       |                    |                    |   |                                       |           |      |             |                     |                           |              |           |
|--|-----------------------|--------------------|--------------------|---|---------------------------------------|-----------|------|-------------|---------------------|---------------------------|--------------|-----------|
| FILE NAME =  | USER NAME = cushmenbw | DESIGNED -         | REVISED - 6-27-14  | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>REGION 2 / DISTRICT 2 STANDARD</b> |           |      | F.A.P. RTE. | SECTION             | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2207\Drawings\CAD\Drawings\220714-sht-typcol.dwg | 7                     | DRAWN              | REVISED - 8-27-13  |   |                                       |           |      | 308         | 111R                | ROCK ISLAND               | 117          | 57        |
| PLOT SCALE = 1000' / in.   | CHECKED -             | REVISED - 11-28-12 | CONTRACT NO. 64K06 |   |                                       |           |      |             |                     |                           |              |           |
| PLOT DATE = Mar-06-2018 01:06:22 PM  | DATE -                | REVISED -          | SCALE:             |   | SHEET NO.                             | OF SHEETS | STA. | TO STA.     | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |              |           |

# DETAILS OF PLANTING AND BRACING TREES

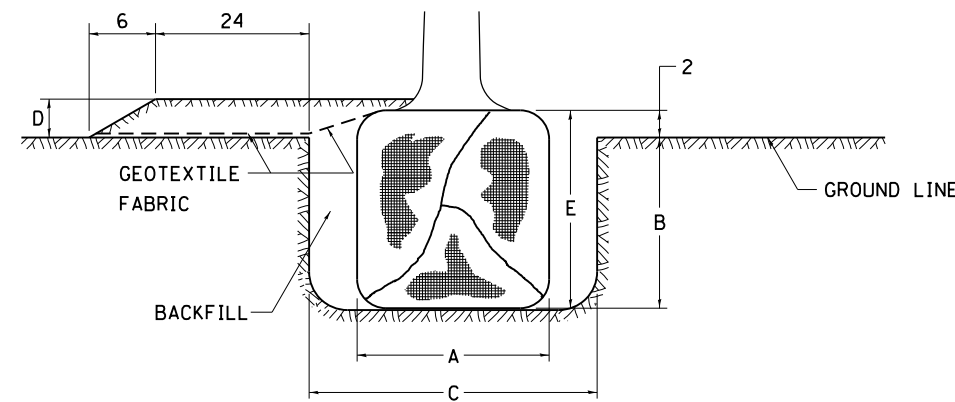


TREES SMALLER THAN 4 1/2 IN DIAMETER

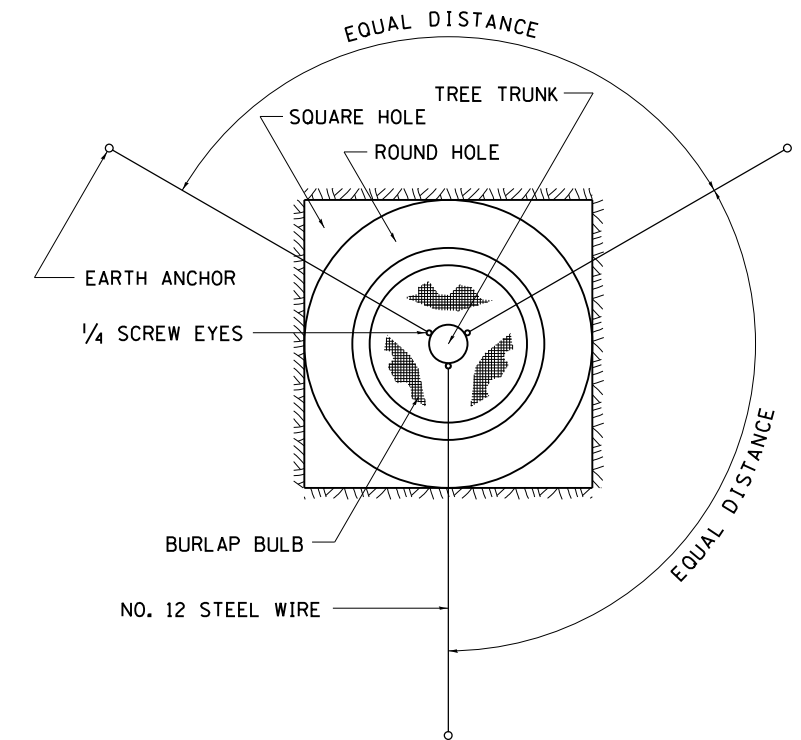


| SMALL      | A                             | B                        | C                        | D                        | E                          | F                              |
|------------|-------------------------------|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------------|
| TREE SIZE  | DIAMETER OF BALL OR ROOT SYS. | DEPTH OF HOLE EXCAVATION | WIDTH OF HOLE EXCAVATION | THICKNESS OF MULCH COVER | DEPTH OF BALL OR ROOT SYS. | VOLUME OF MULCH COVER CU. YDS. |
| 5'-6'      | 16                            | 10                       | 30                       | 4                        | 12                         | 0.54                           |
| 5'-6' BB   | 16                            | 10                       | 30                       | 4                        | 12                         | 0.54                           |
| 6'-7' BB   | 18                            | 12                       | 30                       | 4                        | 14                         | 0.54                           |
| 7'-8' BB   | 20                            | 11                       | 30                       | 4                        | 13                         | 0.54                           |
| 8'-10' BB  | 24                            | 14                       | 36                       | 4                        | 16                         | 0.61                           |
| 10'-12' BB | 26                            | 15                       | 36                       | 4                        | 17                         | 0.61                           |

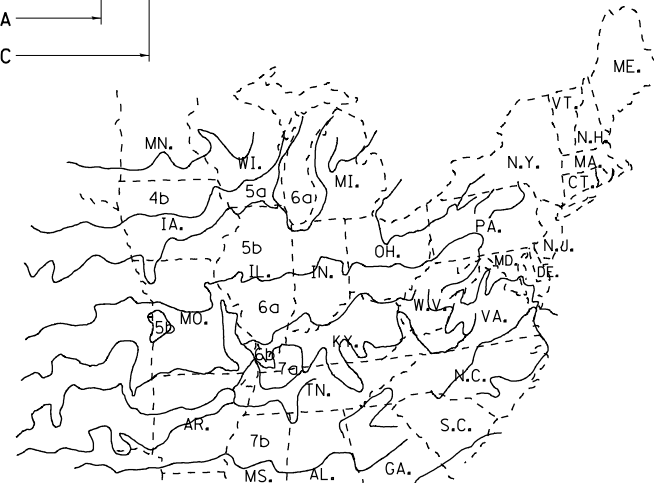
| LARGE      | A                             | B                        | C                        | D                        | E                          | F                              |
|------------|-------------------------------|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------------|
| TREE SIZE  | DIAMETER OF BALL OR ROOT SYS. | DEPTH OF HOLE EXCAVATION | WIDTH OF HOLE EXCAVATION | THICKNESS OF MULCH COVER | DEPTH OF BALL OR ROOT SYS. | VOLUME OF MULCH COVER CU. YDS. |
| 0-2        | 20                            | 11                       | 36                       | 4                        | 13                         | 0.61                           |
| 2-2 1/2 BB | 24                            | 14                       | 48                       | 4                        | 16                         | 0.78                           |
| 2 1/2-3 BB | 28                            | 17                       | 48                       | 4                        | 19                         | 0.78                           |
| 3-3 1/2 BB | 32                            | 17                       | 60                       | 4                        | 19                         | 0.96                           |
| 3 1/2-4 BB | 36                            | 20                       | 60                       | 4                        | 22                         | 0.96                           |
| 4-4 1/2 BB | 40                            | 22                       | 72                       | 4                        | 24                         | 1.16                           |
| 4 1/2-5 BB | 44                            | 24                       | 72                       | 4                        | 26                         | 1.16                           |
| 5-5 1/2 BB | 48                            | 27                       | 84                       | 4                        | 29                         | 1.38                           |



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL RESEARCH SERVICE  
 PUBLICATION NO. 814

|   |                       |            |                    |
|---|-----------------------|------------|--------------------|
| FILE NAME =   | USER NAME = cushmenbw | DESIGNED - | REVISED - 10-18-11 |
| pw:\11\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2207\DRAND\Drawings\CADsheets\2201714-shr-typical.dwg |                       | DRAWN -    | REVISED -          |
|   |                       | CHECKED -  | REVISED -          |
| PLOT DATE = Mar-06-2018 01:06:38 PM   |                       | DATE -     | REVISED -          |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REGION 2 / DISTRICT 2 STANDARD**

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

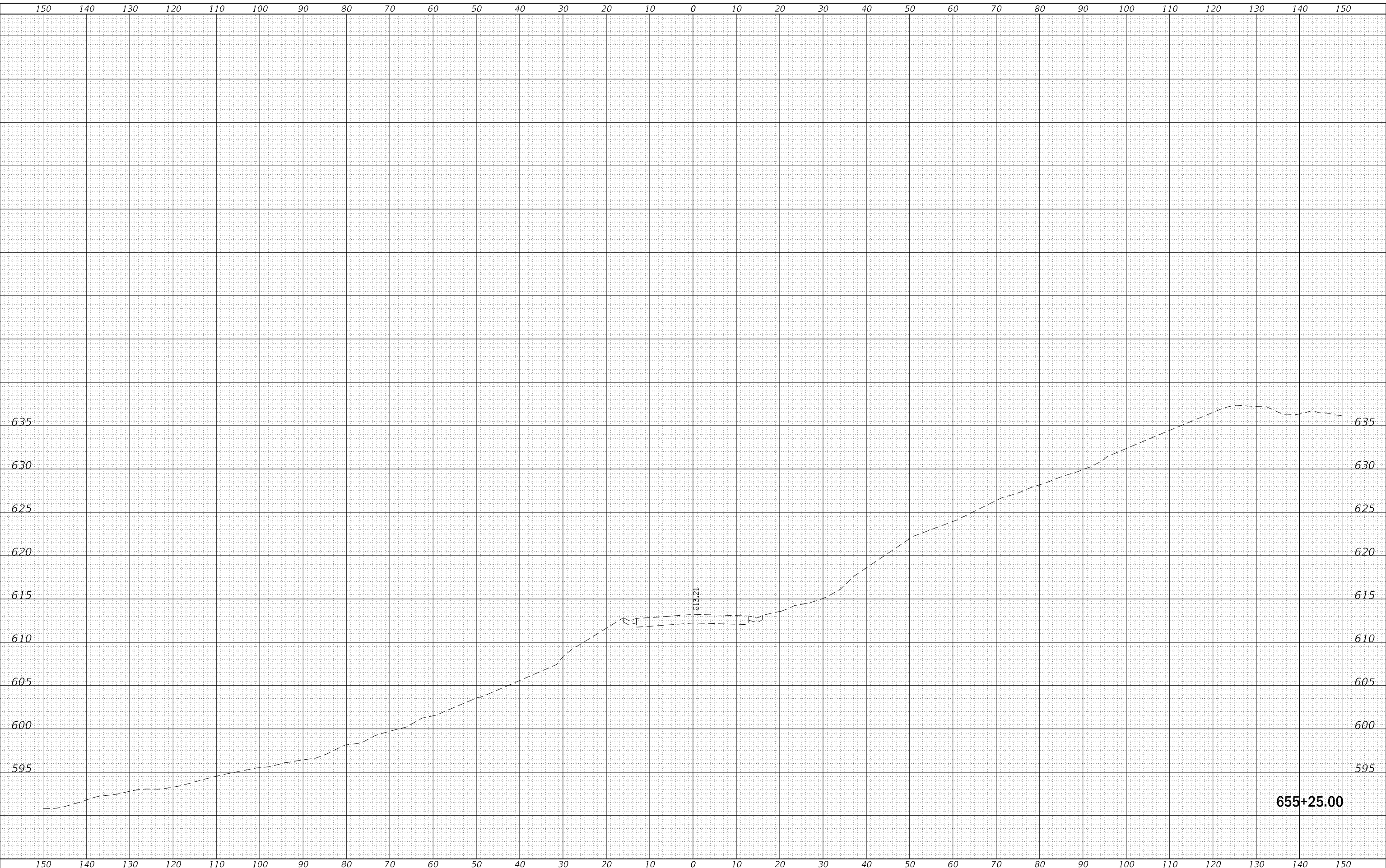
| F.A.P. RTE.        | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|-------------|--------------|-----------|
| 308                | 111R    | ROCK ISLAND | 117          | 58        |
| CONTRACT NO. 64K06 |         |             |              |           |

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

|                  |                                |    |      |
|------------------|--------------------------------|----|------|
| FINAL SURVEY NO. | SURVEYED PLOTTED AREAS CHECKED | BY | DATE |
|                  |                                |    |      |
|                  |                                |    |      |
|                  |                                |    |      |
|                  |                                |    |      |

|                     |                                |    |      |
|---------------------|--------------------------------|----|------|
| ORIGINAL SURVEY NO. | SURVEYED PLOTTED AREAS CHECKED | BY | DATE |
|                     |                                |    |      |
|                     |                                |    |      |
|                     |                                |    |      |
|                     |                                |    |      |

MODEL: Defnair  
 FILE NAME: D:\ILLINOIS\BID\INTC\Illinois\pwp\DOT\Documents\DOT Offices\District 2\Projects\2017\4\CADD\Drawings\2017\_4\cns-cc.dgn



655+25.00

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | DRAWN -    | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:23 AM | CHECKED -  | REVISED - |
|                                     | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

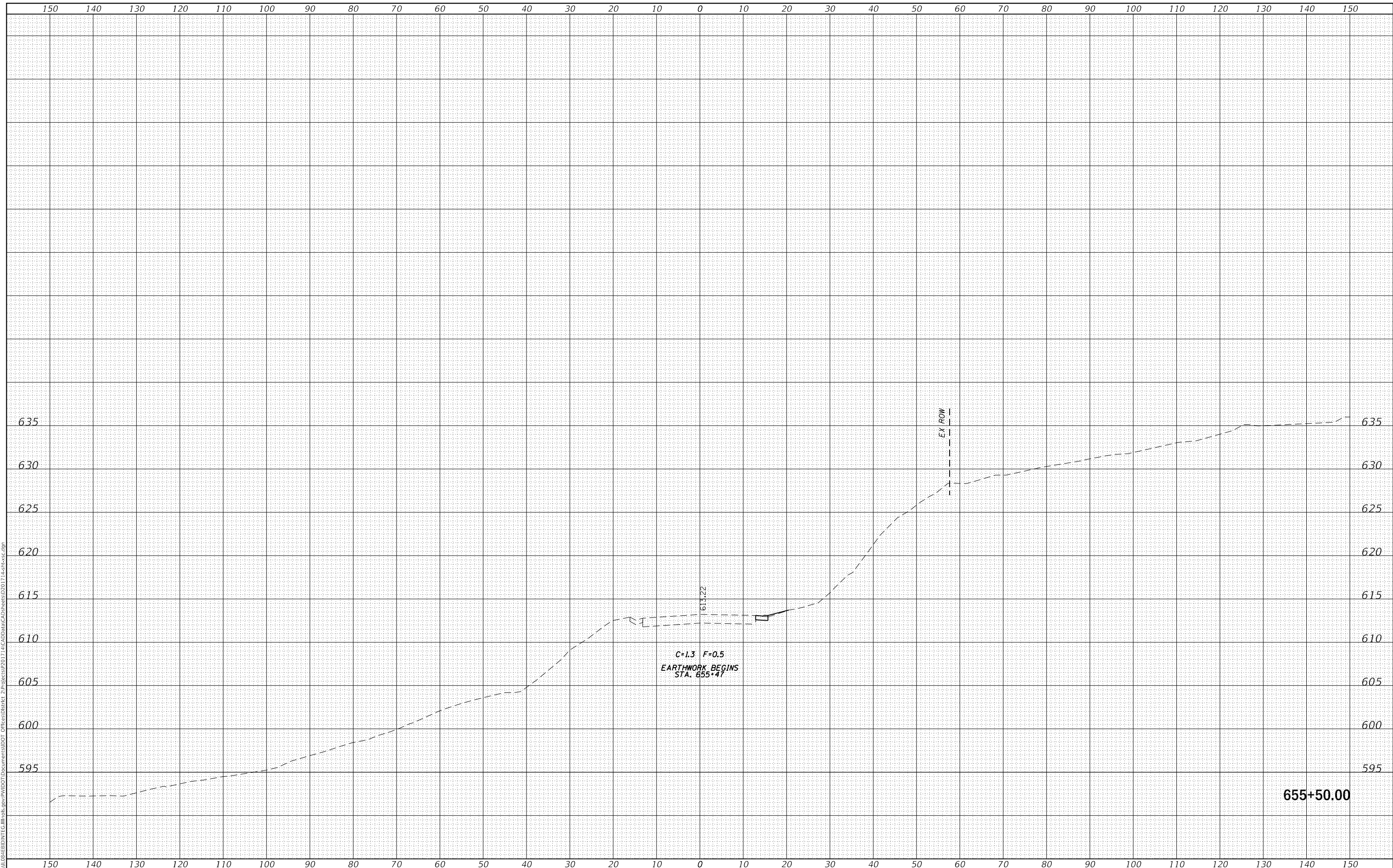
SCALE: SHEET OF SHEETS STA. 655+25.00 TO STA. 655+25.00

|                           |              |                    |                    |              |
|---------------------------|--------------|--------------------|--------------------|--------------|
| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 59 |
| ILLINOIS FED. AID PROJECT |              |                    | CONTRACT NO. 64K06 |              |

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

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

MODEL: Defnair  
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655+50.00

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:23 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

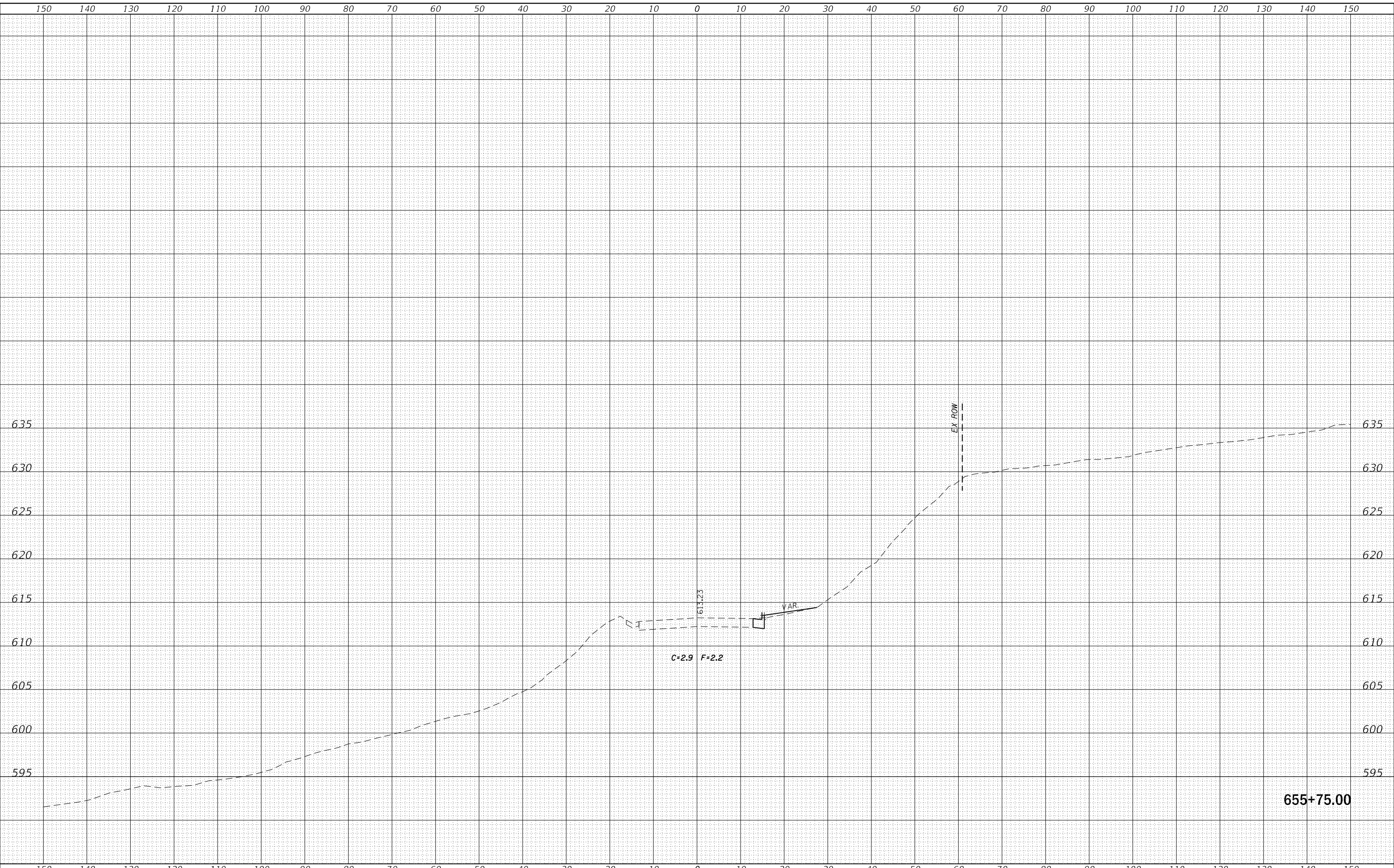
SCALE: SHEET OF SHEETS STA. 655+50.00 TO STA. 655+50.00

|                 |              |                    |                    |              |
|-----------------|--------------|--------------------|--------------------|--------------|
| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 60 |
|                 |              |                    | CONTRACT NO. 64K06 |              |
|                 |              | ILLINOIS           | FED. AID PROJECT   |              |

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

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

MODEL: Defnair  
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655+75.00

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:24 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

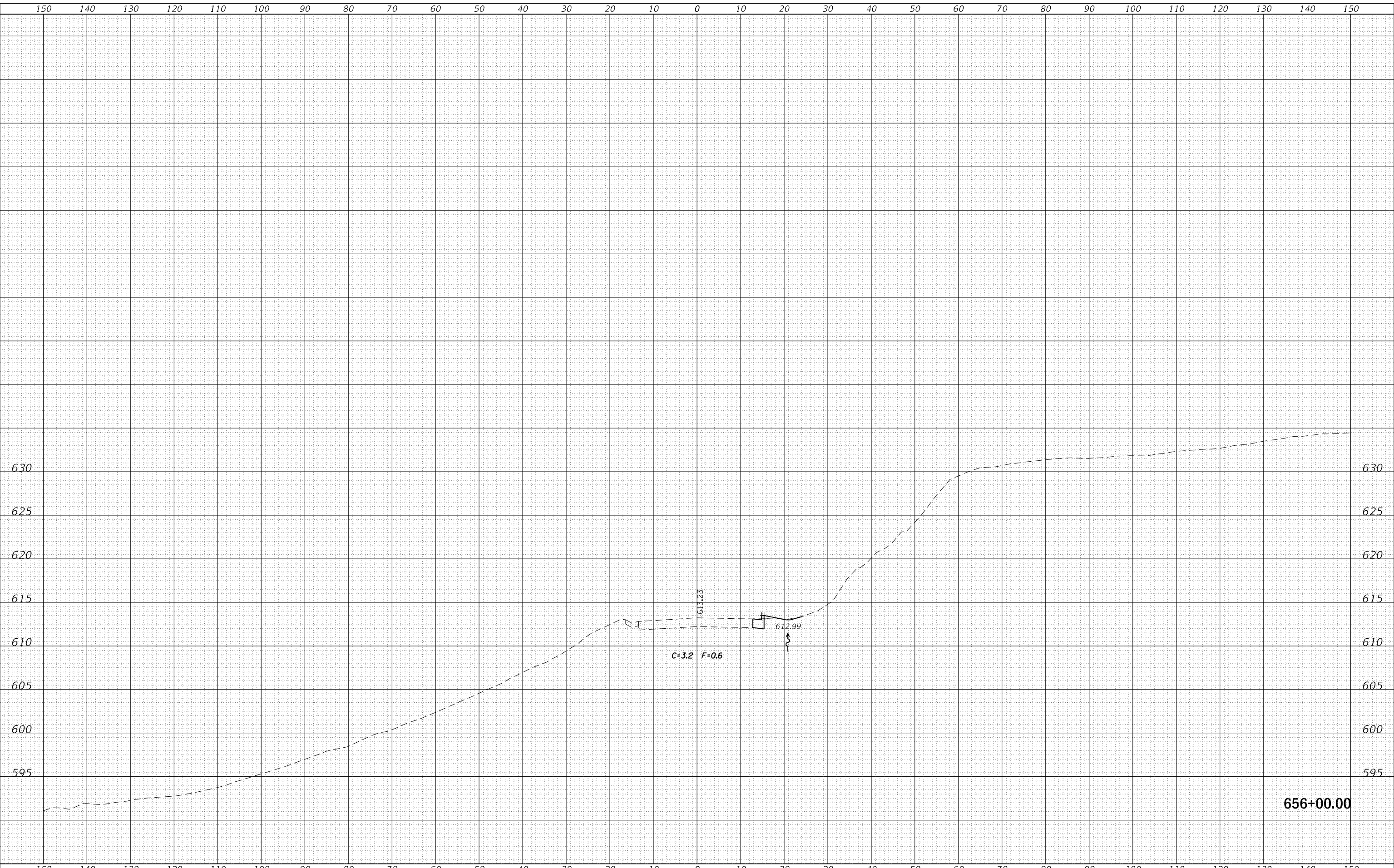
SCALE: SHEET OF SHEETS STA. 655+75.00 TO STA. 655+75.00

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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 61 |
| ILLINOIS FED. AID PROJECT |              |                    | CONTRACT NO. 64K06 |              |

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

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

MODEL: Defnair  
 FILE NAME: D:\ILLINOIS\BID\NTEC\Illinois\pwp\DOT\Documents\DOT Offices\District 2\Projects\2017\4\CADD\Drawings\2017\_4\_sns-cc.dgn



|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:24 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 656+00.00 TO STA. 656+00.00

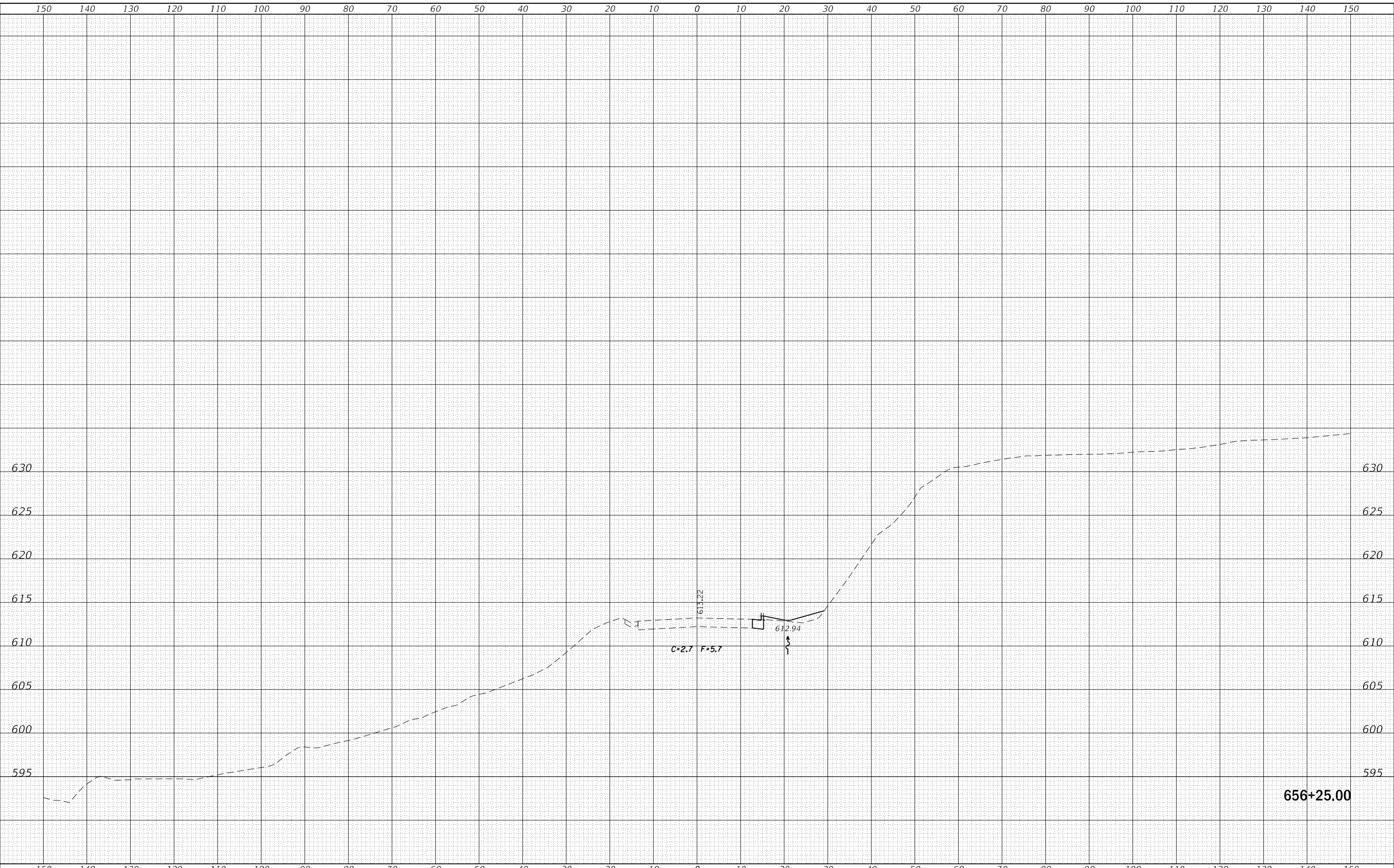
|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 62        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



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

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

MODEL: Defnair  
 FILE NAME: D:\ILLINOIS\BID\NTEC\Illinois\pwp\DOT\Documents\DOT\Office\District 2\Projects\2017\4\CADD\Drawings\2017\_4\sh-cs.dgn



656+25.00

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:25 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 656+25.00 TO STA. 656+25.00

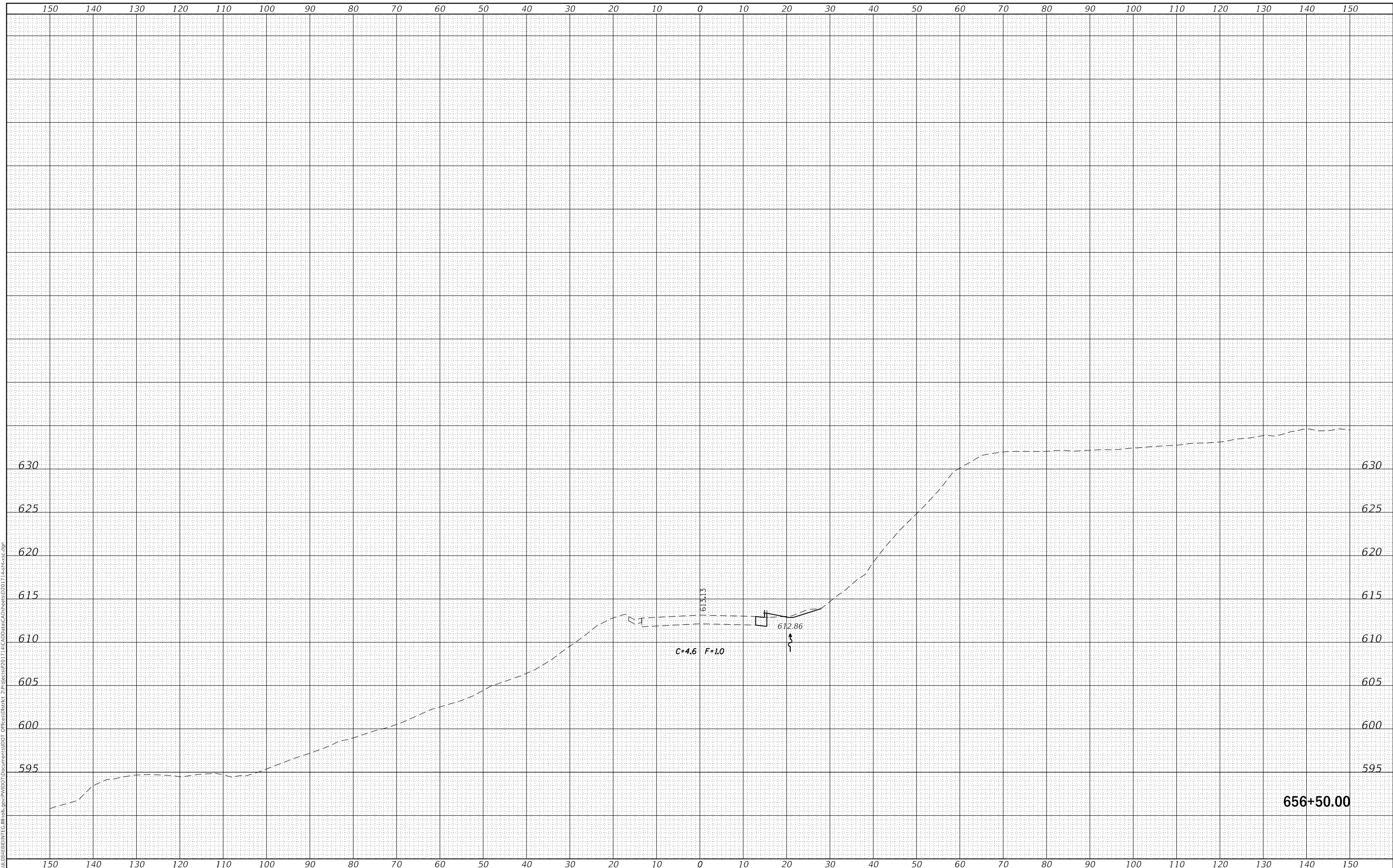
|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 63        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



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

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

MODEL: Defnair  
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656+50.00

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:25 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

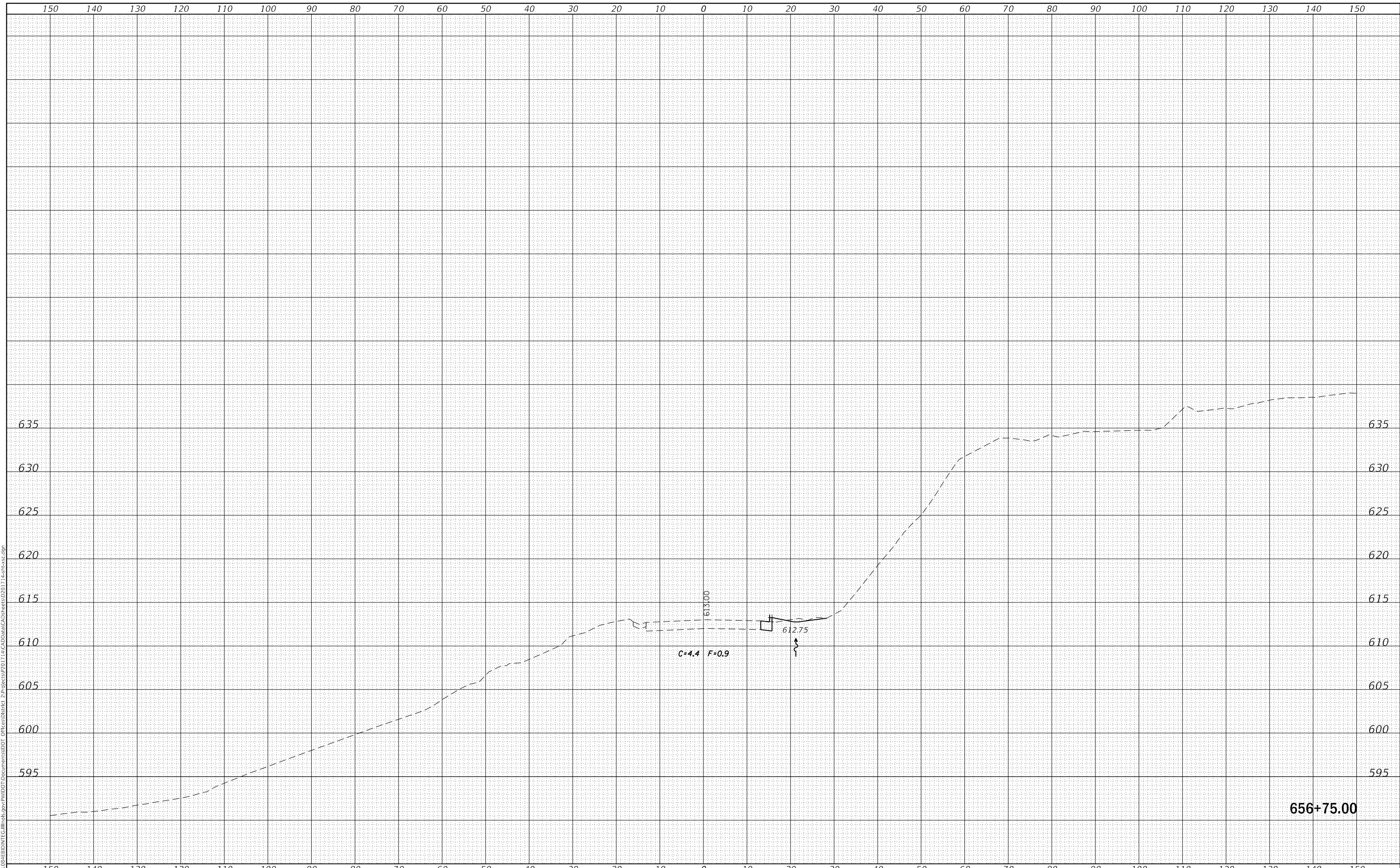
SCALE: SHEET OF SHEETS STA. 656+50.00 TO STA. 656+50.00

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 64        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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

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

MODEL: Defnair  
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|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:25 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

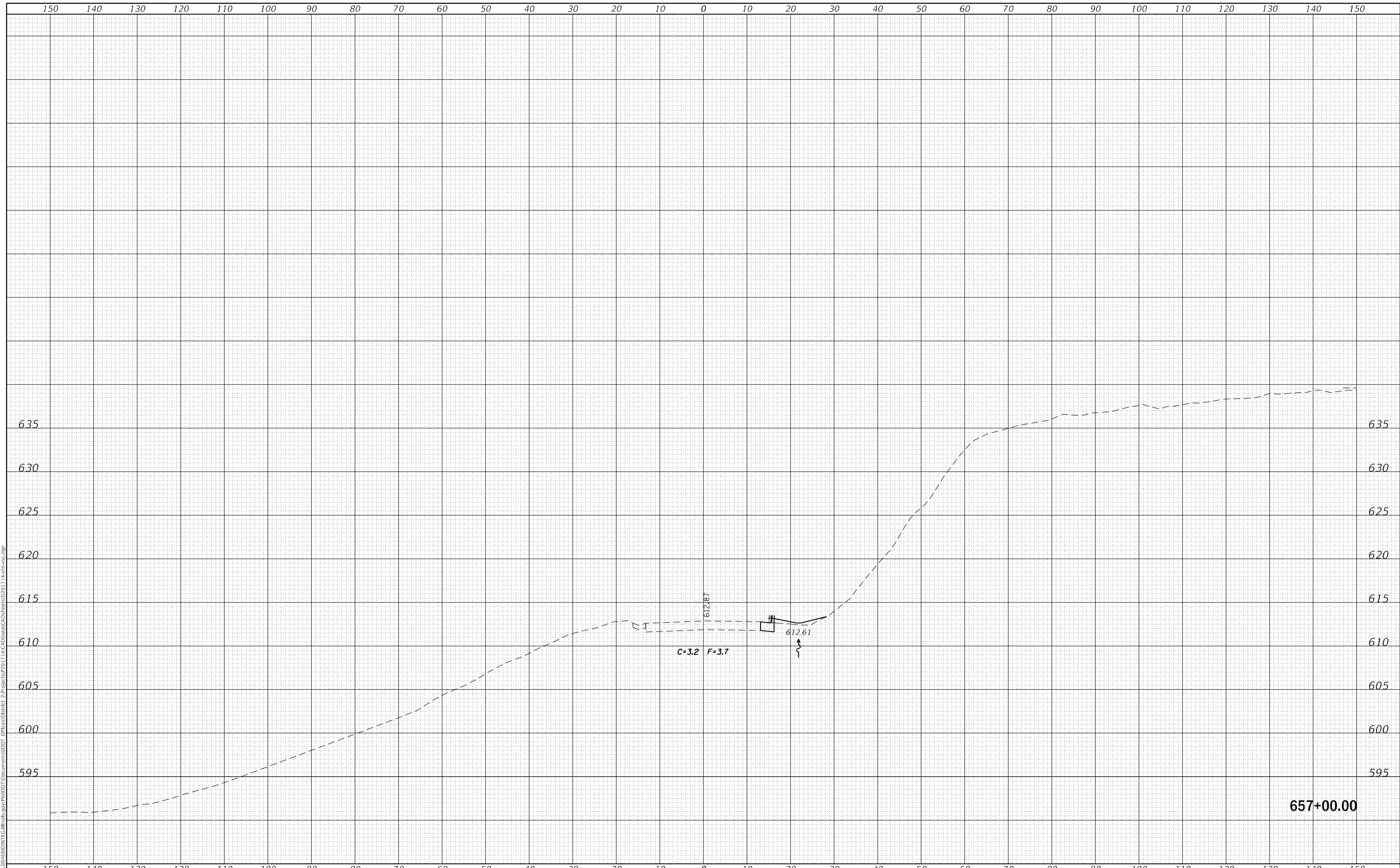
SCALE: SHEET OF SHEETS STA. 656+75.00 TO STA. 656+75.00

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 65        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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

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

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657+00.00

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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:26 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

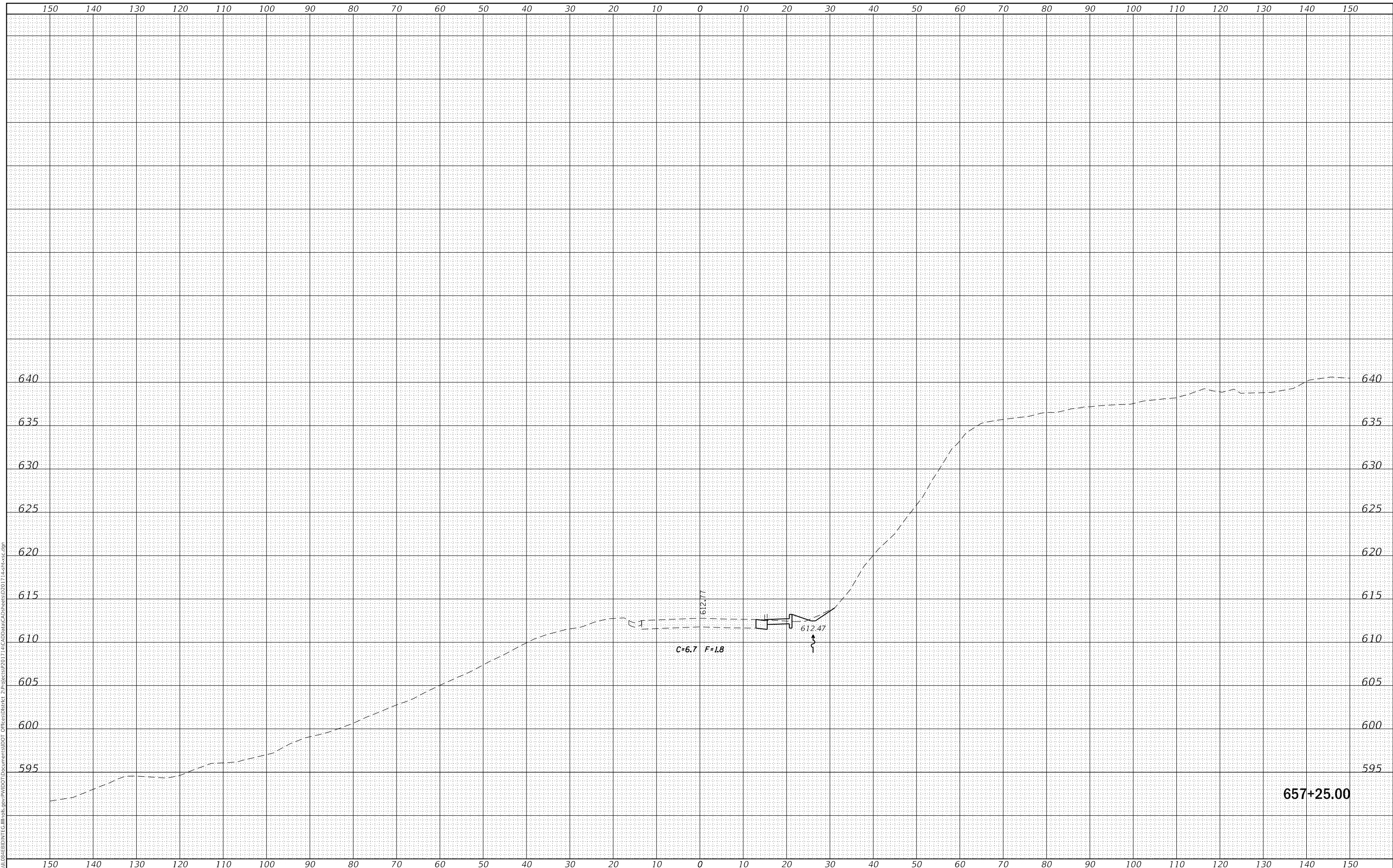
SCALE: SHEET OF SHEETS STA. 657+00.00 TO STA. 657+00.00

|                 |              |                           |                    |              |
|-----------------|--------------|---------------------------|--------------------|--------------|
| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND        | TOTAL SHEETS 117   | SHEET NO. 66 |
|                 |              |                           | CONTRACT NO. 64K06 |              |
|                 |              | ILLINOIS FED. AID PROJECT |                    |              |

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

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

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657+25.00

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:26 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

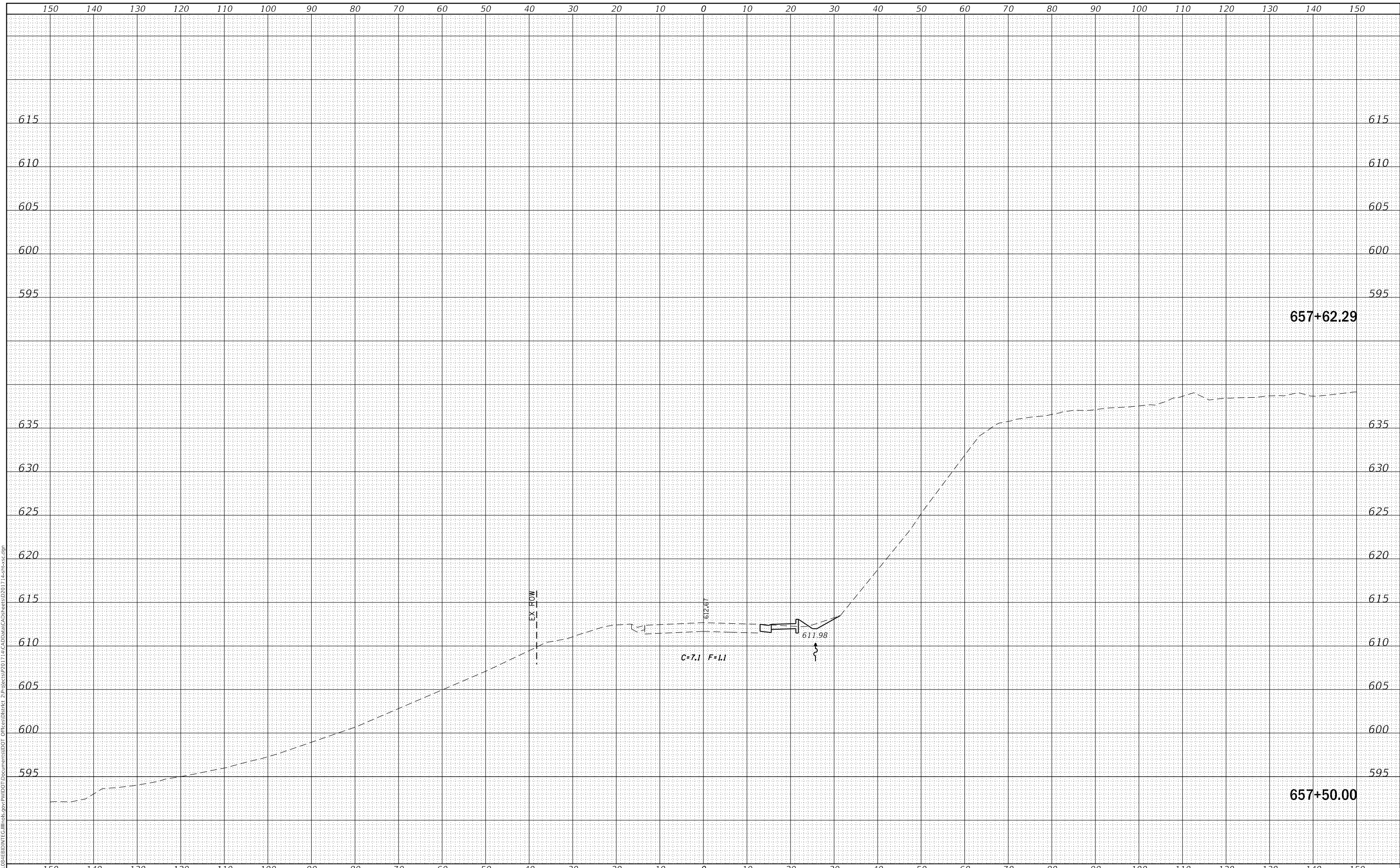
SCALE: SHEET OF SHEETS STA. 657+25.00 TO STA. 657+25.00

|                           |              |                    |                    |              |
|---------------------------|--------------|--------------------|--------------------|--------------|
| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 67 |
| ILLINOIS FED. AID PROJECT |              |                    | CONTRACT NO. 64K06 |              |

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

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

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:27 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 657+50.00 TO STA. 657+62.29

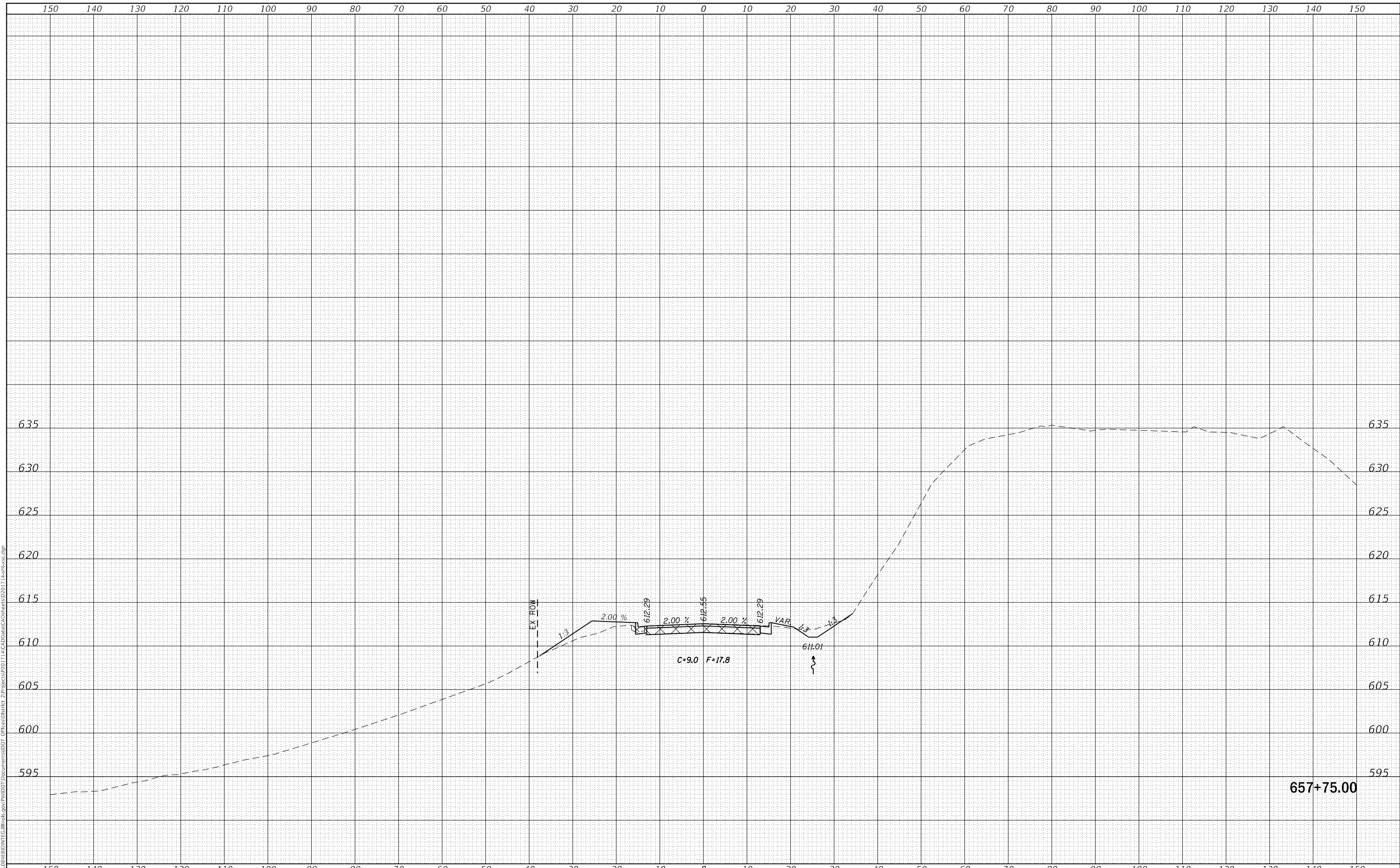
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|-----------------|--------------|---------------------------|--------------------|--------------|
| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND        | TOTAL SHEETS 117   | SHEET NO. 68 |
|                 |              |                           | CONTRACT NO. 64K06 |              |
|                 |              | ILLINOIS FED. AID PROJECT |                    |              |



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

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:27 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

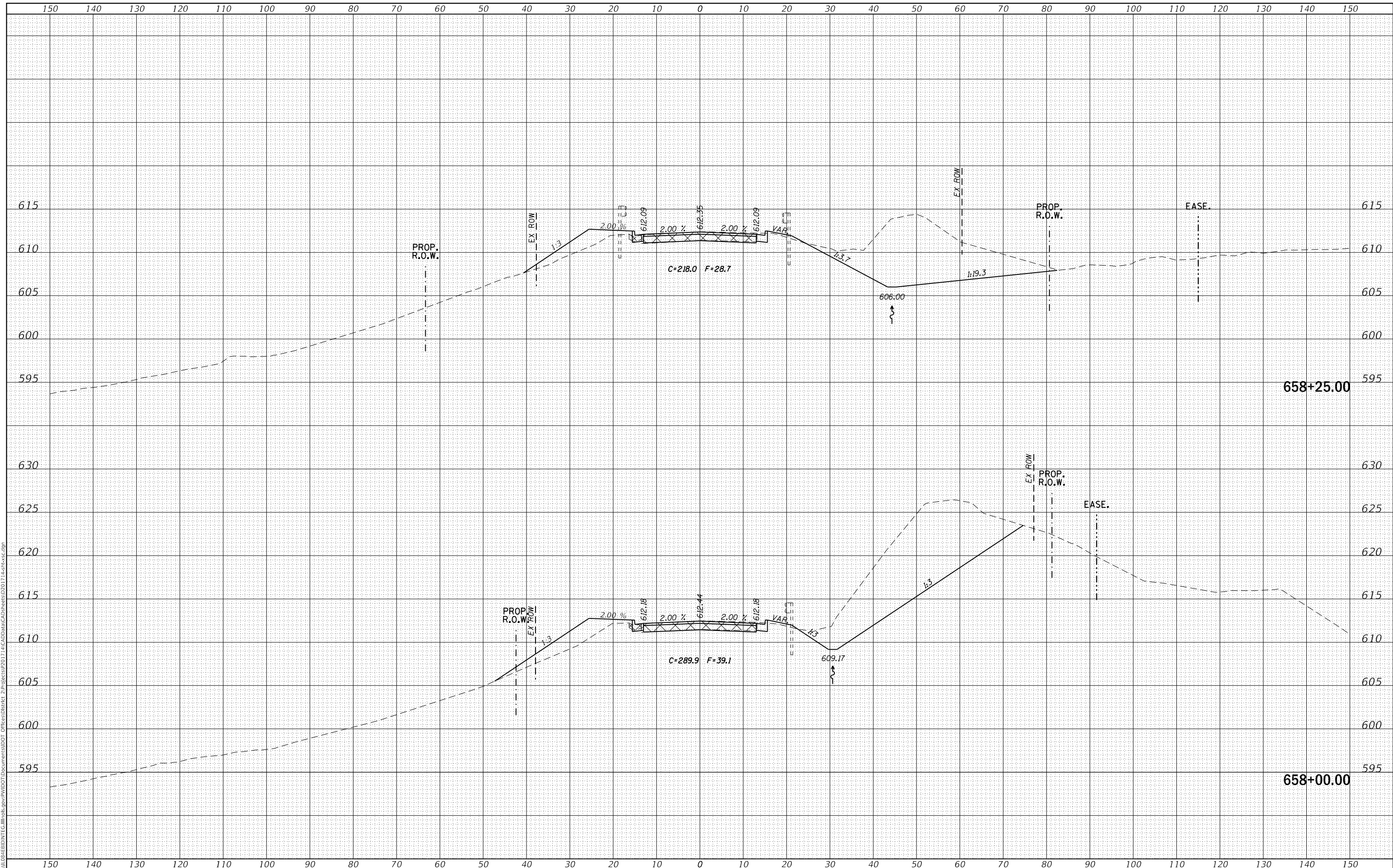
SCALE: SHEET OF SHEETS STA. 657+75.00 TO STA. 657+75.00

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 69        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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| DATE             |  |
| BY               |  |
| FINAL SURVEY NO. |  |
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| TEMPLATE         |  |
| NOTE BOOK        |  |
| AREAS CHECKED    |  |

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

MODEL: Defnair  
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:28 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

|        |  |       |    |        |                |                   |
|--------|--|-------|----|--------|----------------|-------------------|
| SCALE: |  | SHEET | OF | SHEETS | STA. 658+00.00 | TO STA. 658+25.00 |
|--------|--|-------|----|--------|----------------|-------------------|

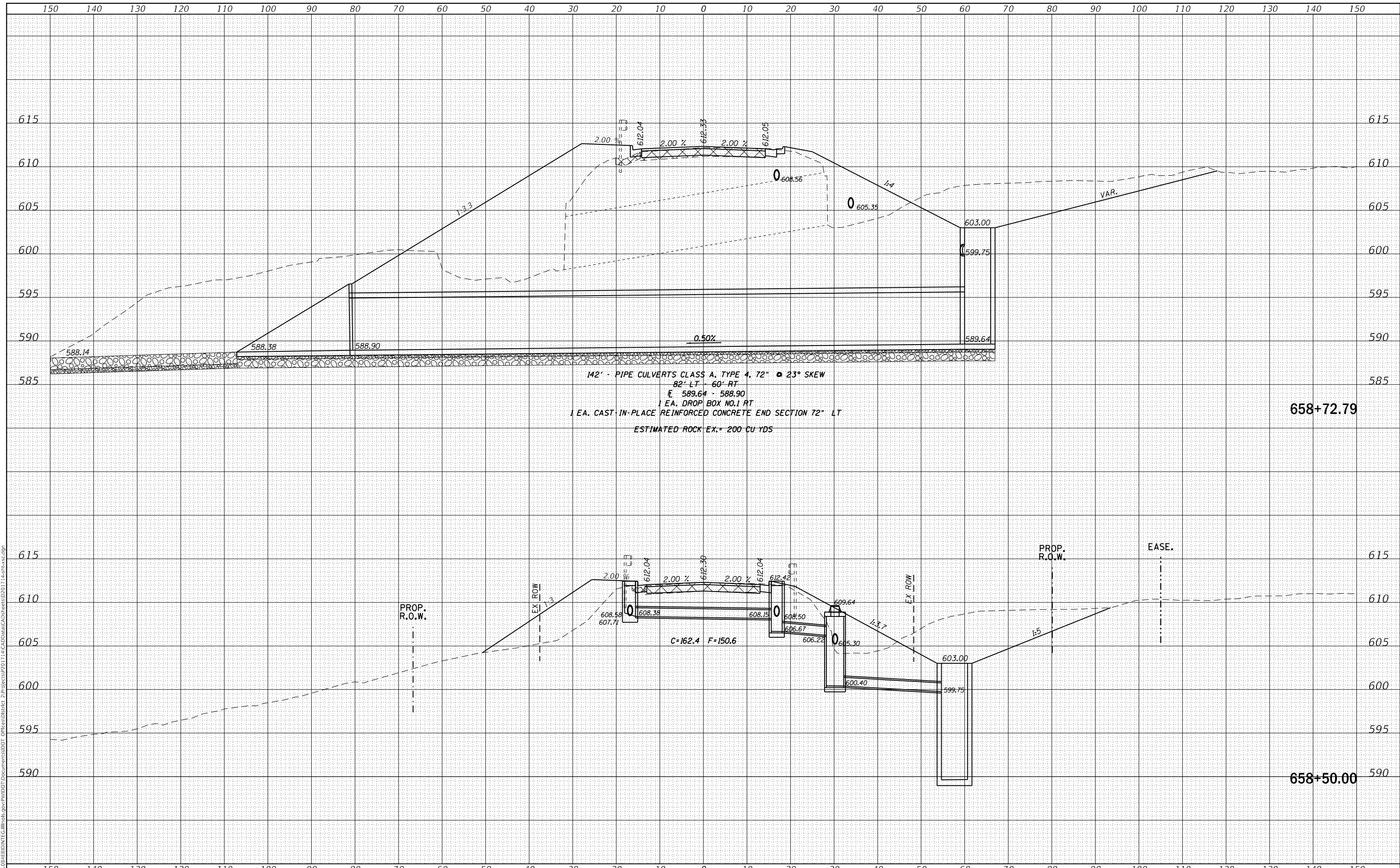
**IL 84  
 CROSS SECTIONS**

|                    |              |                    |                           |              |
|--------------------|--------------|--------------------|---------------------------|--------------|
| F.A.P. RTE. 308    | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117          | SHEET NO. 70 |
| CONTRACT NO. 64K06 |              |                    | ILLINOIS FED. AID PROJECT |              |

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

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

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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:28 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 658+50.00 TO STA. 658+72.79

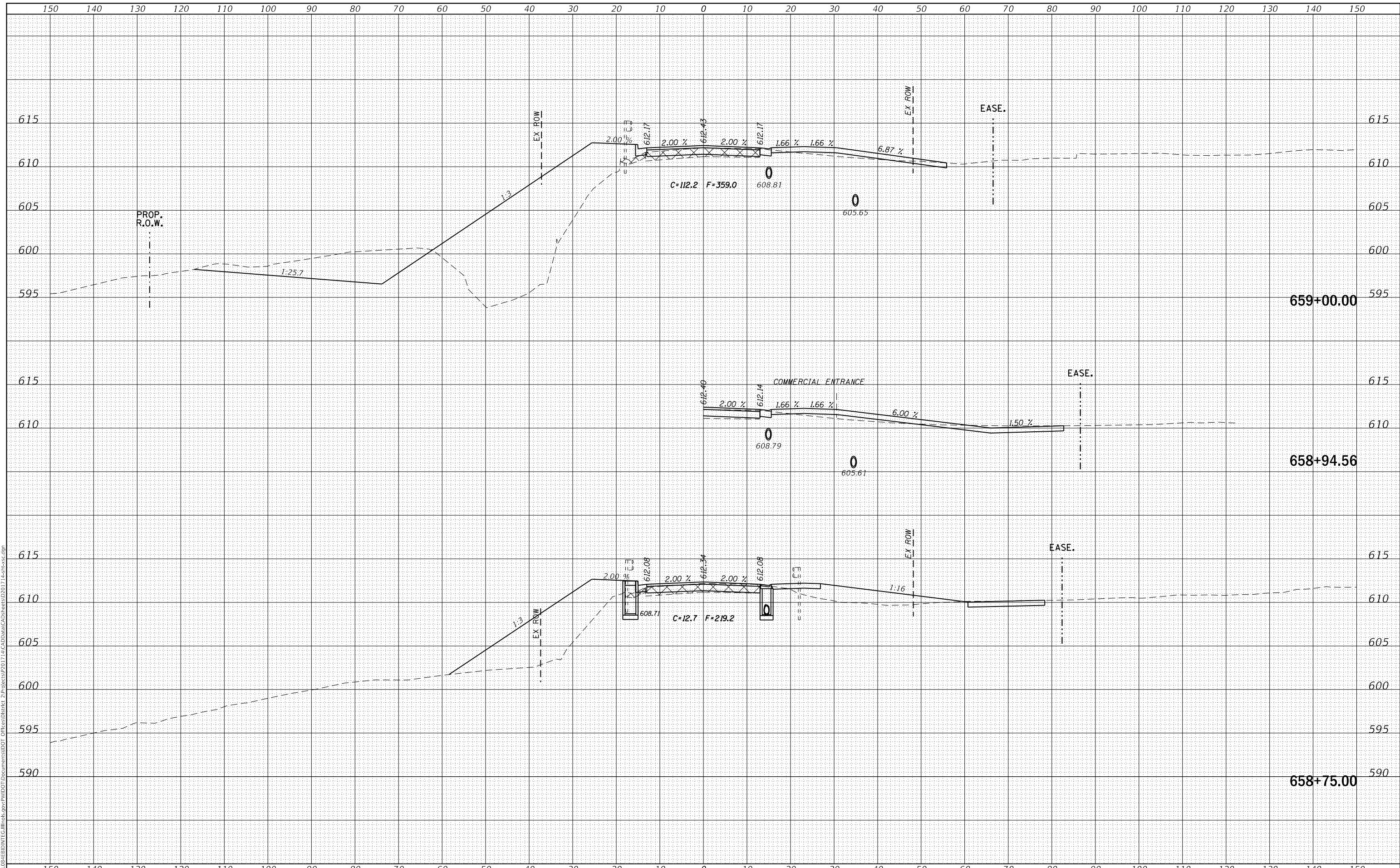
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|-------------|---------|-------------|------------------|--------------------|
| F.A.P. RTE. | SECTION | COUNTY      | TOTAL SHEETS     | SHEET NO.          |
| 308         | 111R    | ROCK ISLAND | 117              | 71                 |
|             |         |             |                  | CONTRACT NO. 64K06 |
|             |         | ILLINOIS    | FED. AID PROJECT |                    |



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

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|-----------------|---------------|
| DATE            |               |
| BY              |               |
| ORIGINAL SURVEY | SURVEYED      |
| NOTE BOOK       | PLOTTED       |
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659+00.00

658+94.56

658+75.00

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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
| PLOT SCALE = 20.0000' / in.         | DRAWN -    | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:29 AM | CHECKED -  | REVISED - |
|                                     | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

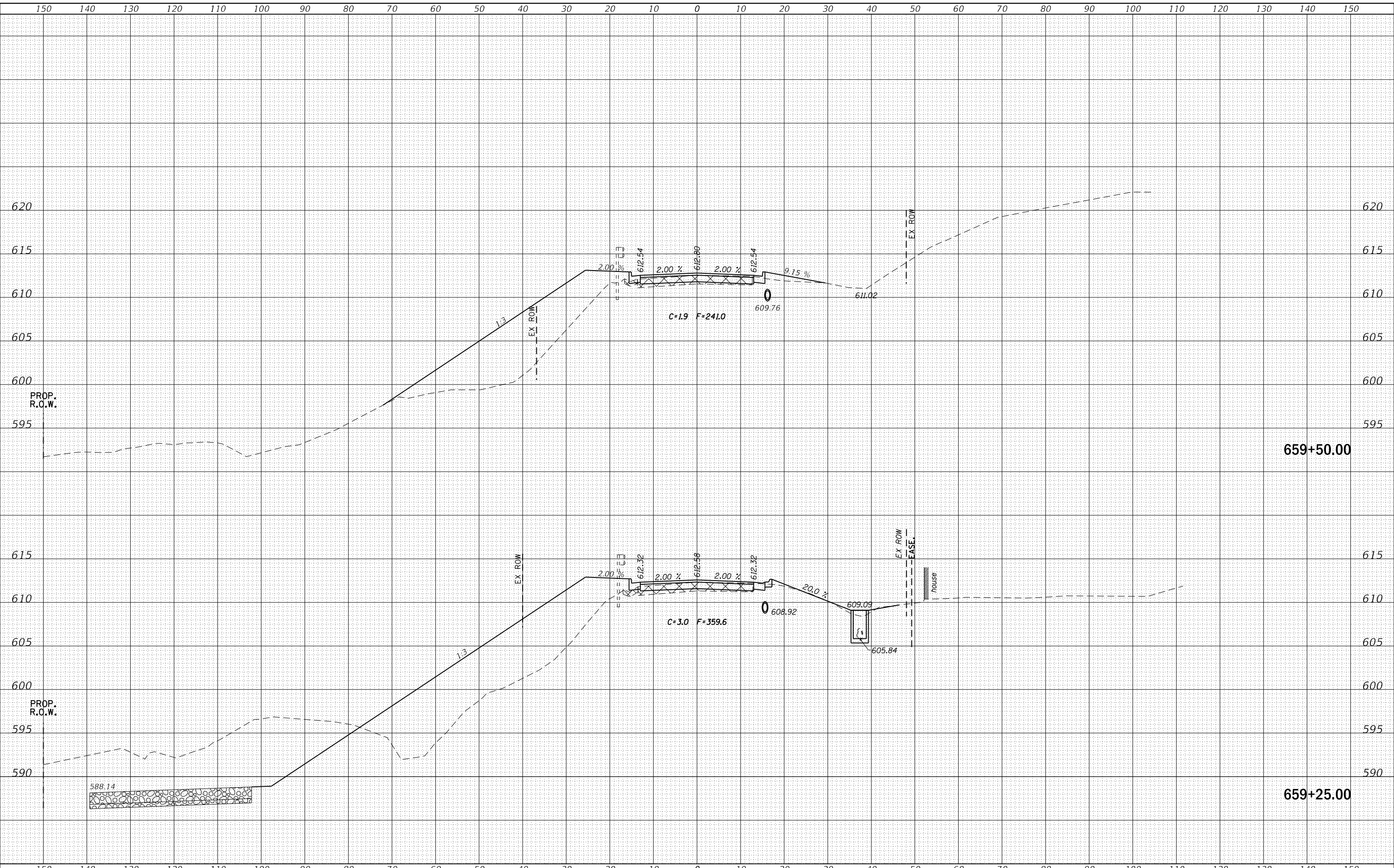
SCALE: SHEET OF SHEETS STA. 658+75.00 TO STA. 659+00.00

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 72        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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

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

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:29 AM | DATE -     | REVISED - |

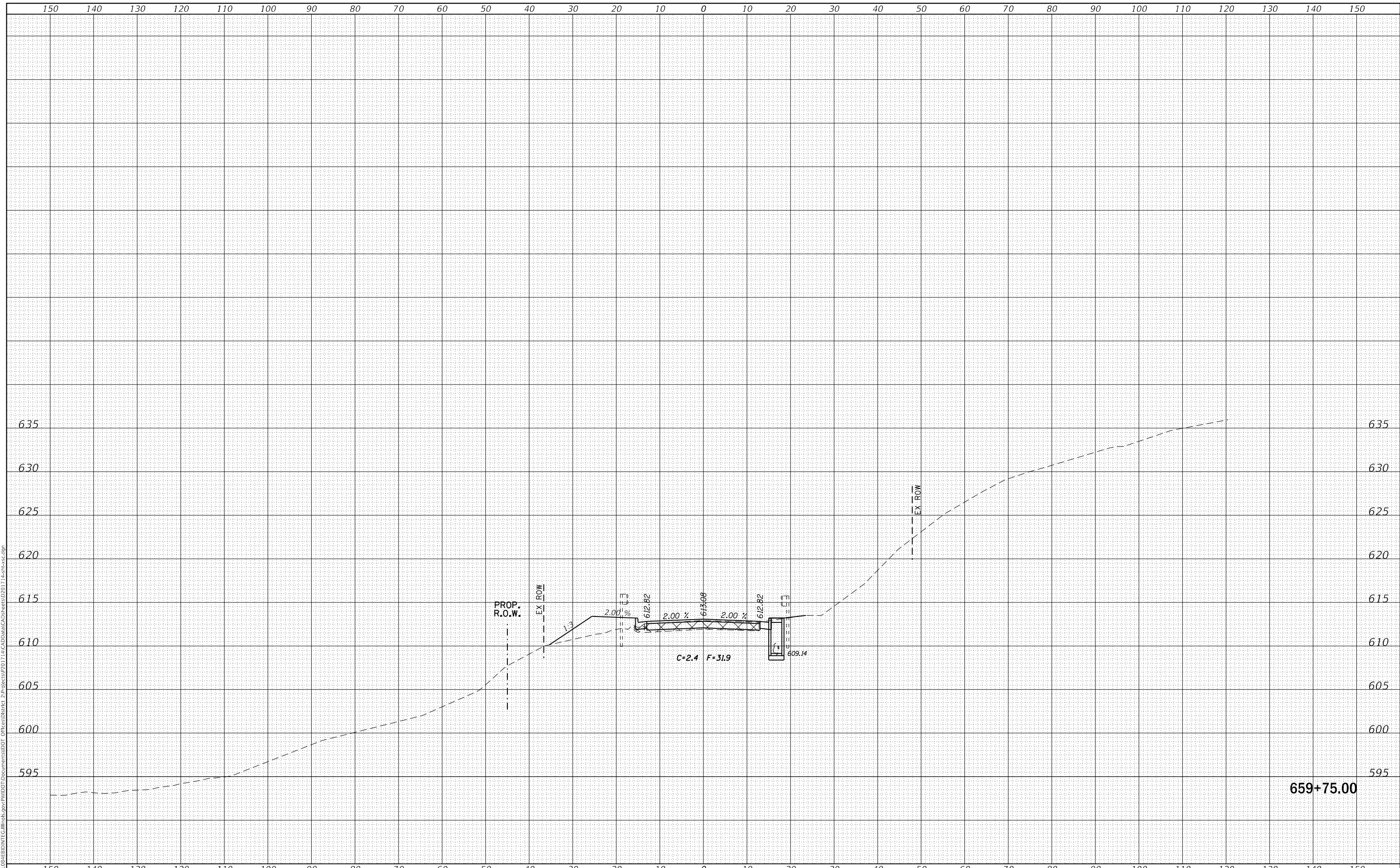
SCALE: SHEET OF SHEETS STA. 659+25.00 TO STA. 659+50.00

|                           |              |                    |                  |              |
|---------------------------|--------------|--------------------|------------------|--------------|
| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117 | SHEET NO. 73 |
| CONTRACT NO. 64K06        |              |                    |                  |              |
| ILLINOIS FED. AID PROJECT |              |                    |                  |              |

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

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659+75.00

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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:29 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

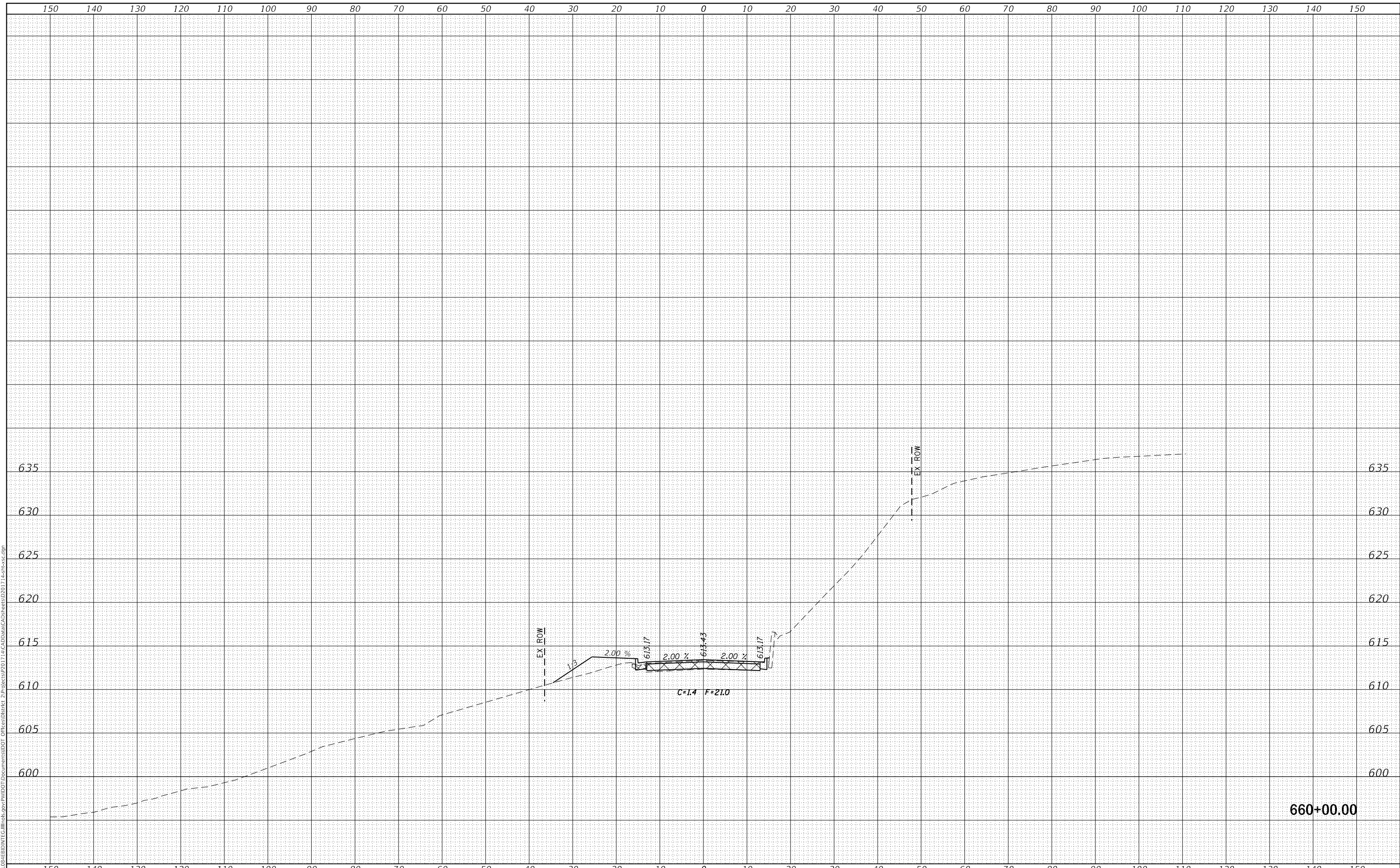
SCALE: SHEET OF SHEETS STA. 659+75.00 TO STA. 659+75.00

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 74        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
|                  | TEMPLATE      |      |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
|                     | TEMPLATE      |      |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:30 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

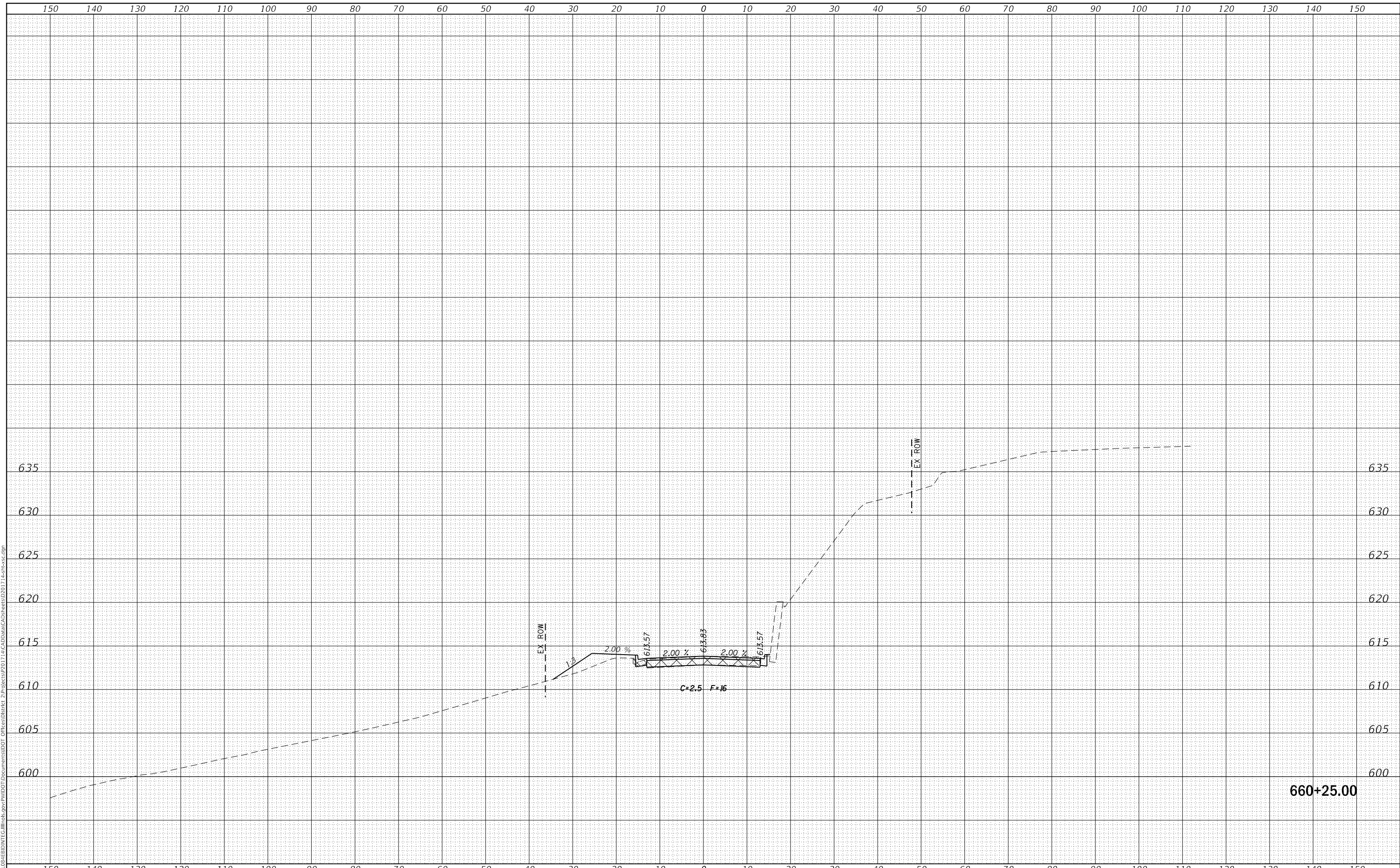
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|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 75        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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

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

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|                                     |            |           |
|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:30 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 660+25.00 TO STA. 660+25.00

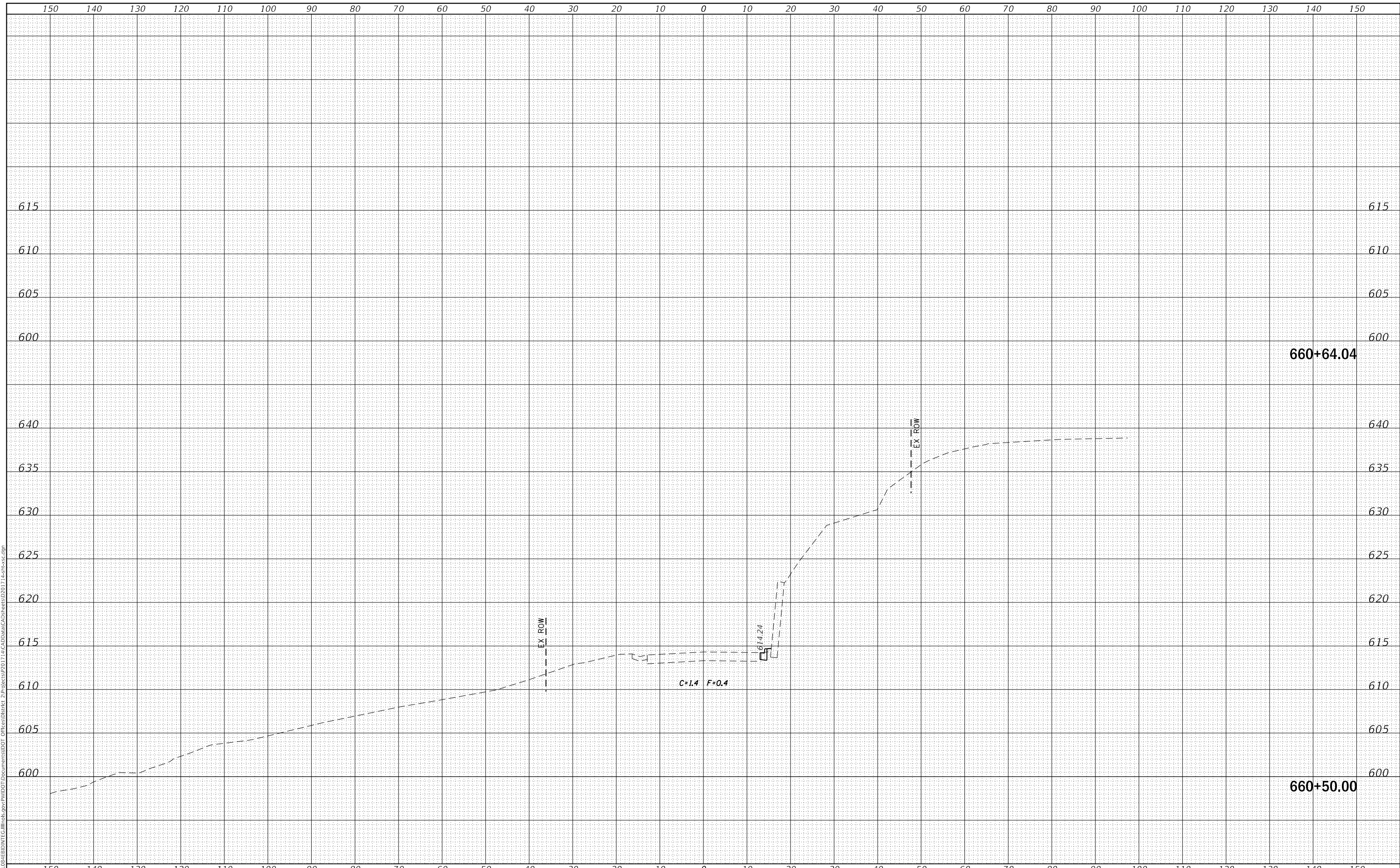
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|-----------------|--------------|---------------------------|--------------------|--------------|
| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND        | TOTAL SHEETS 117   | SHEET NO. 76 |
|                 |              |                           | CONTRACT NO. 64K06 |              |
|                 |              | ILLINOIS FED. AID PROJECT |                    |              |



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

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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:31 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

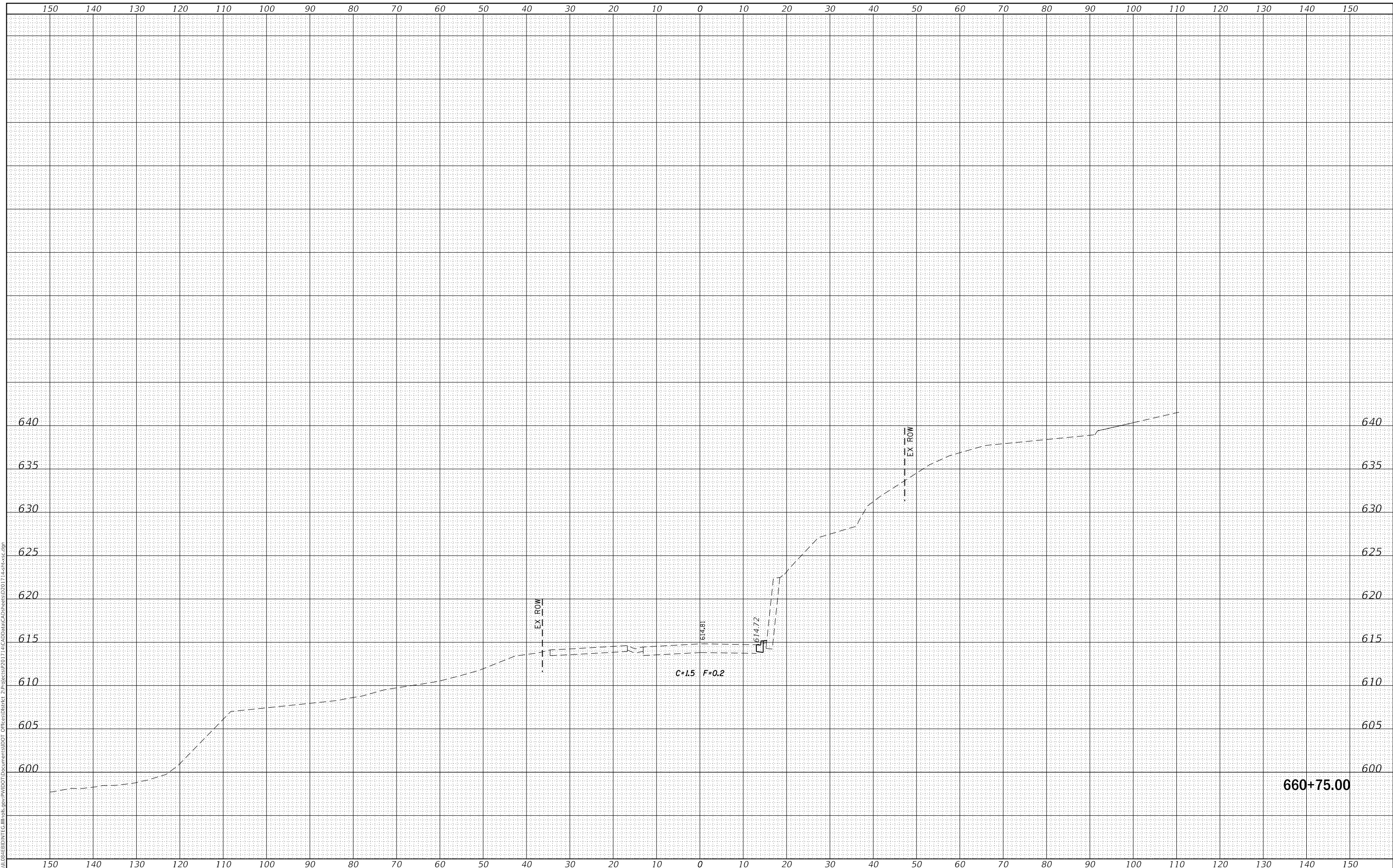
SCALE: SHEET OF SHEETS STA. 660+50.00 TO STA. 660+64.04

|                 |              |                           |                    |              |
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| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND        | TOTAL SHEETS 117   | SHEET NO. 77 |
|                 |              |                           | CONTRACT NO. 64K06 |              |
|                 |              | ILLINOIS FED. AID PROJECT |                    |              |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
| AREAS CHECKED    | TEMPLATE      |      |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
| AREAS CHECKED       | TEMPLATE      |      |
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660+75.00

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:31 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 660+75.00 TO STA. 660+75.00

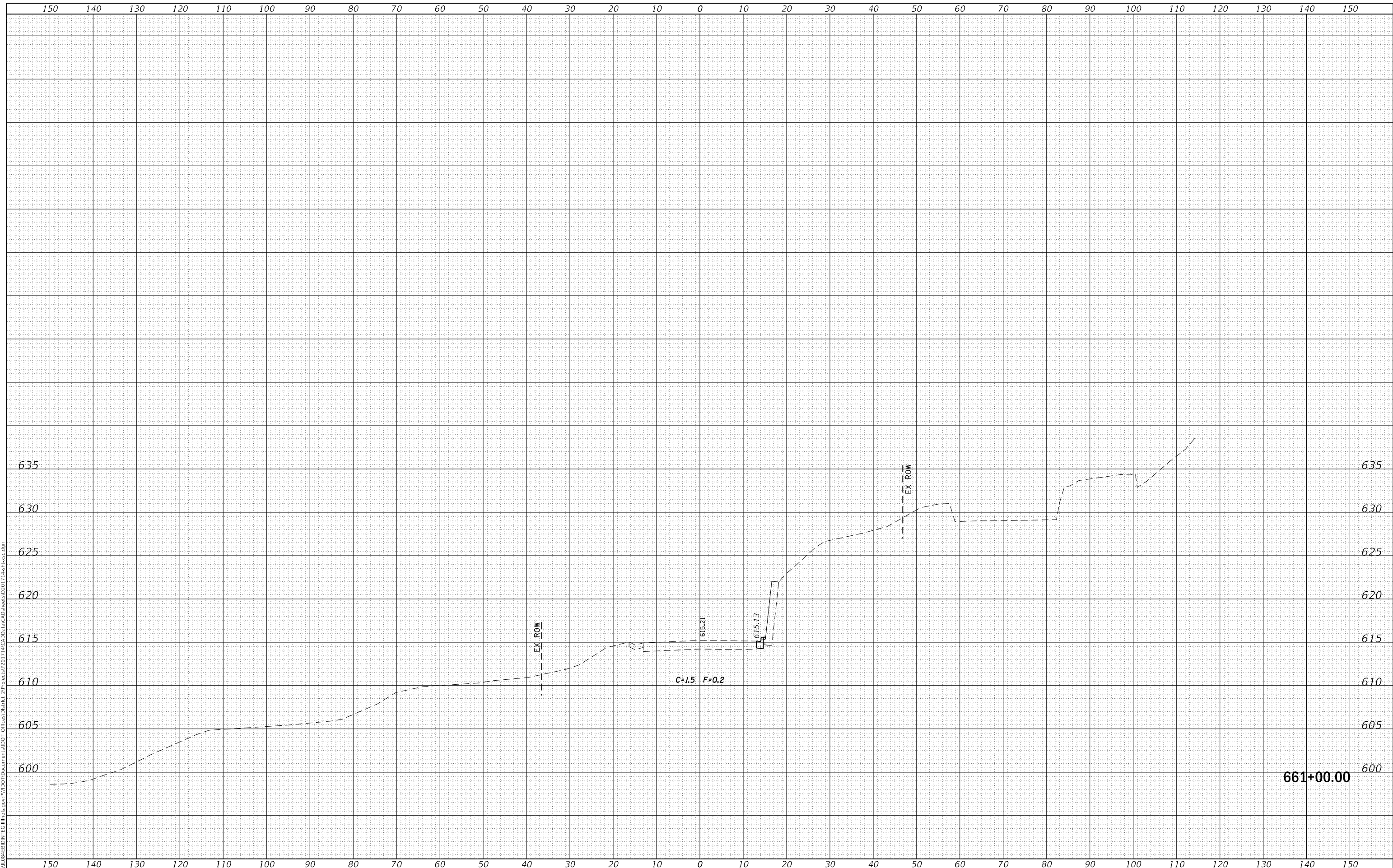
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| F.A.P. RTE.        | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                | 111R    | ROCK ISLAND | 117          | 78        |
| CONTRACT NO. 64K06 |         |             |              |           |

ILLINOIS FED. AID PROJECT

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

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661+00.00

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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:31 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 661+00.00 TO STA. 661+00.00

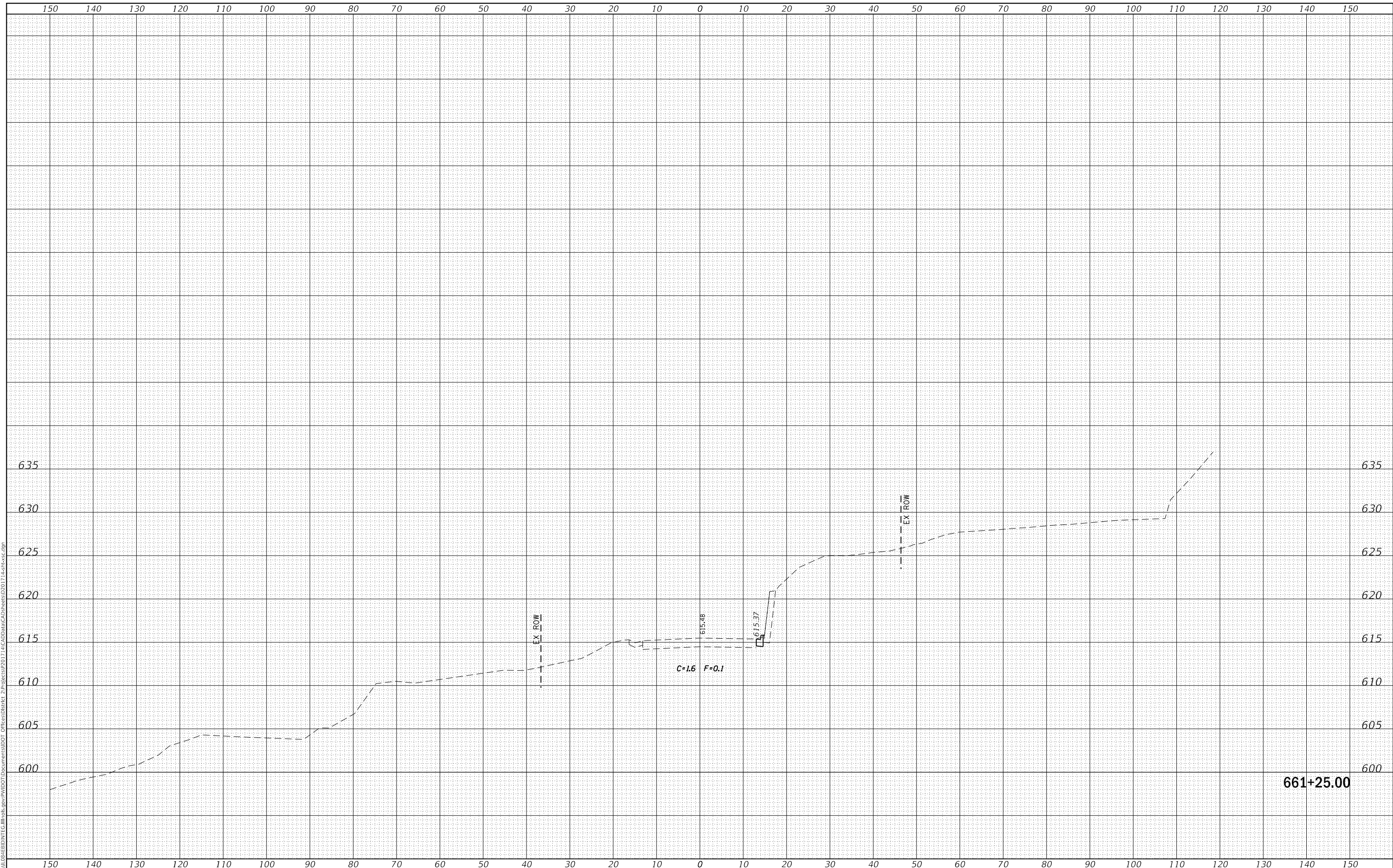
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| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 79        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
| AREAS CHECKED       | TEMPLATE      |      |
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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

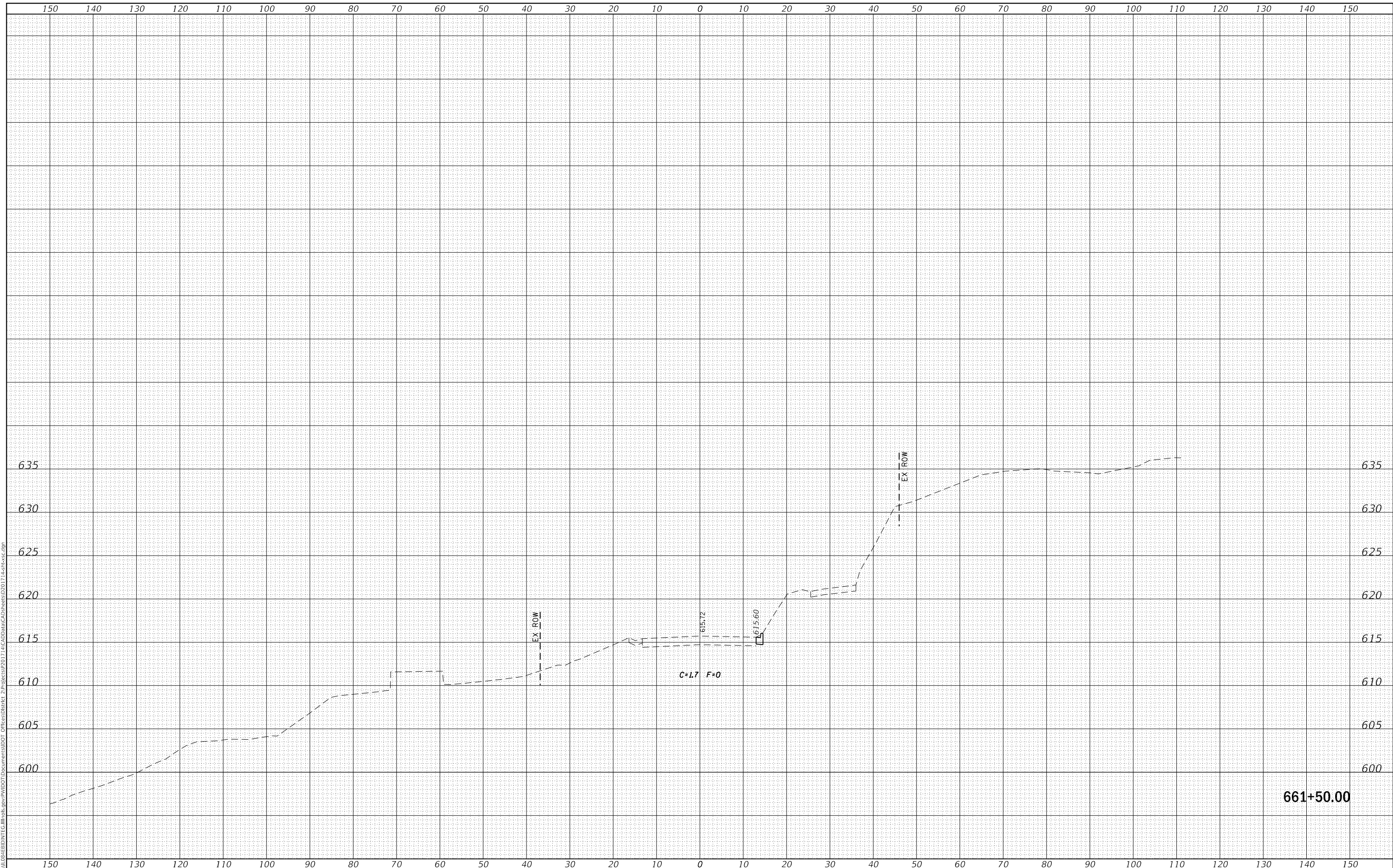
SCALE: SHEET OF SHEETS STA. 661+25.00 TO STA. 661+25.00

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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 80 |
| ILLINOIS FED. AID PROJECT |              |                    | CONTRACT NO. 64K06 |              |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
| AREAS CHECKED       | TEMPLATE      |      |
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661+50.00

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:32 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

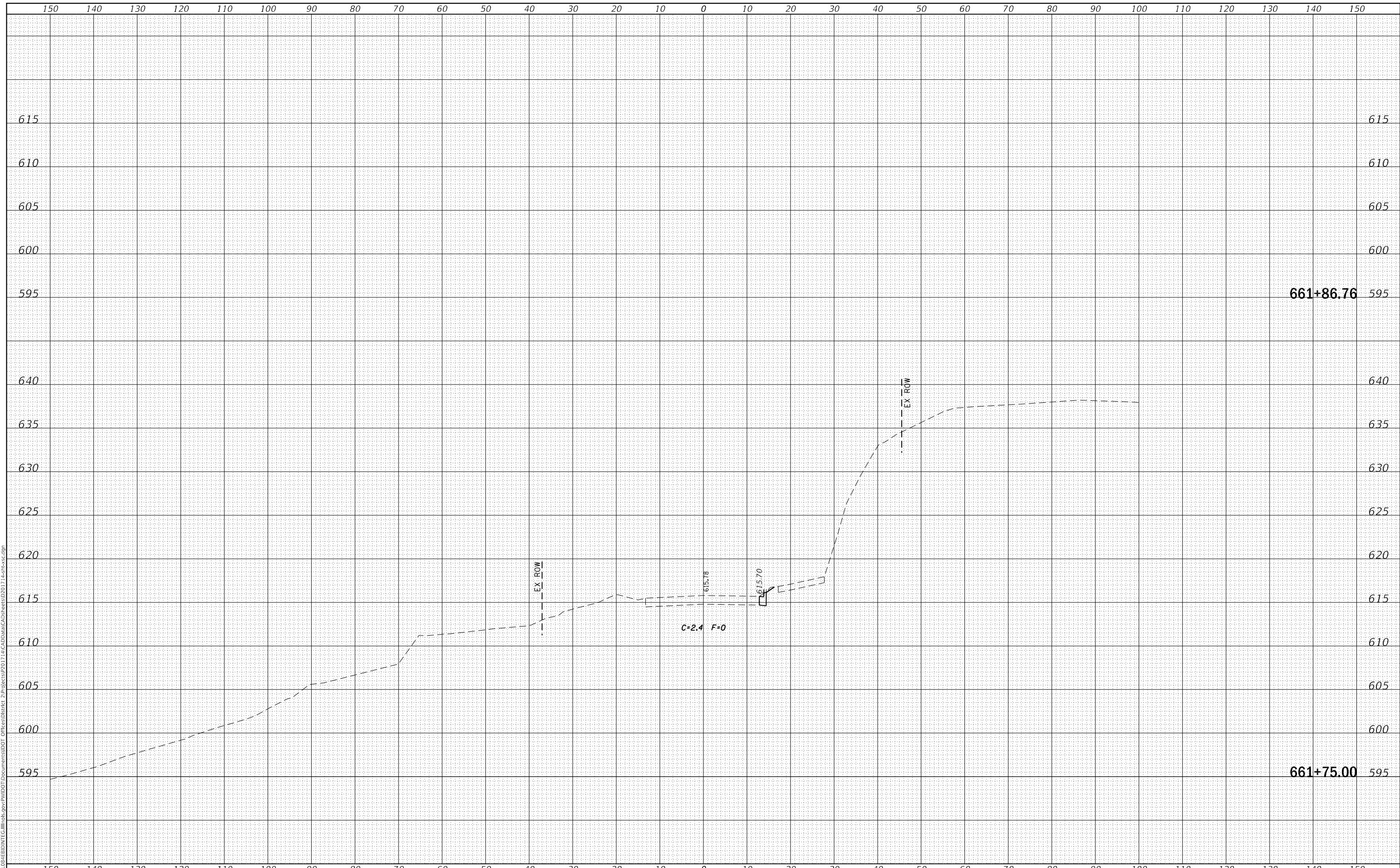
SCALE: SHEET OF SHEETS STA. 661+50.00 TO STA. 661+50.00

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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 81 |
| ILLINOIS FED. AID PROJECT |              |                    | CONTRACT NO. 64K06 |              |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| NOTE BOOK           | PLOTTED       | BY   |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:33 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

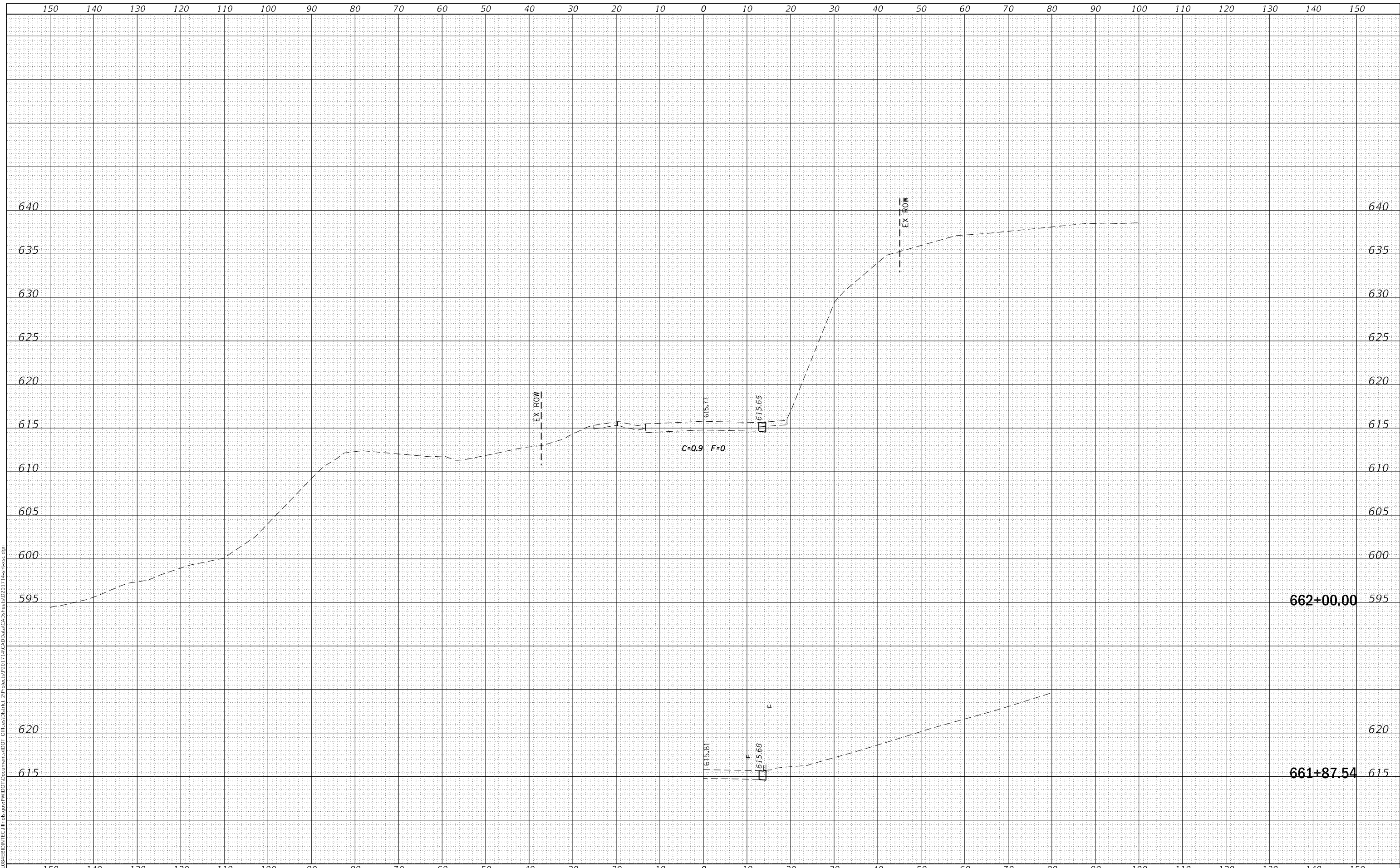
SCALE: SHEET OF SHEETS STA. 661+75.00 TO STA. 661+86.76

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| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 82 |
|                 |              |                    | CONTRACT NO. 64K06 |              |
|                 |              | ILLINOIS           | FED. AID PROJECT   |              |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| NOTE BOOK           | PLOTTED       | BY   |
| AREAS CHECKED       | TEMPLATE      |      |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:33 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

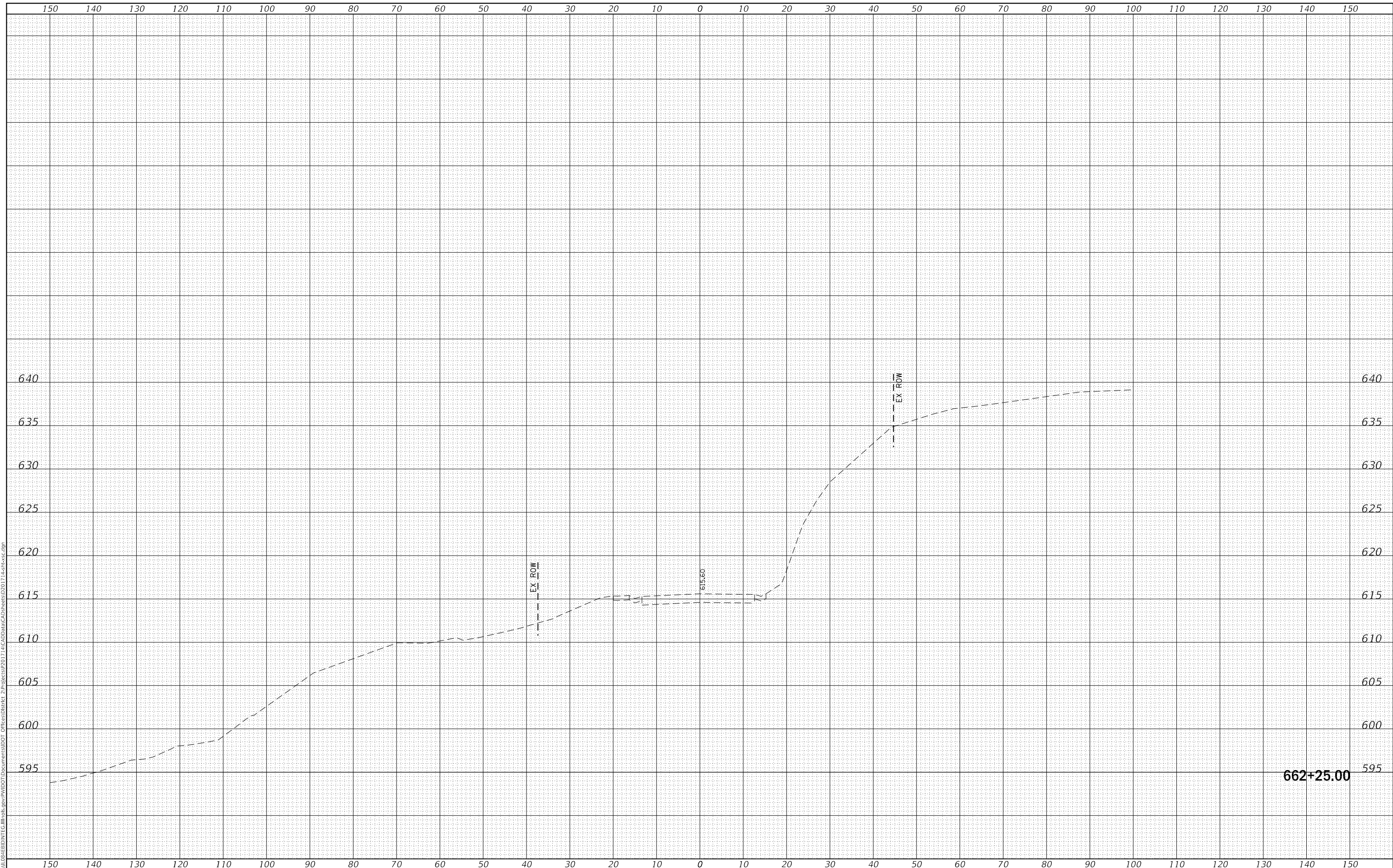
SCALE: SHEET OF SHEETS STA. 661+87.54 TO STA. 662+00.00

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| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND        | TOTAL SHEETS 117   | SHEET NO. 83 |
|                 |              |                           | CONTRACT NO. 64K06 |              |
|                 |              | ILLINOIS FED. AID PROJECT |                    |              |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
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662+25.00

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:34 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 662+25.00 TO STA. 662+25.00

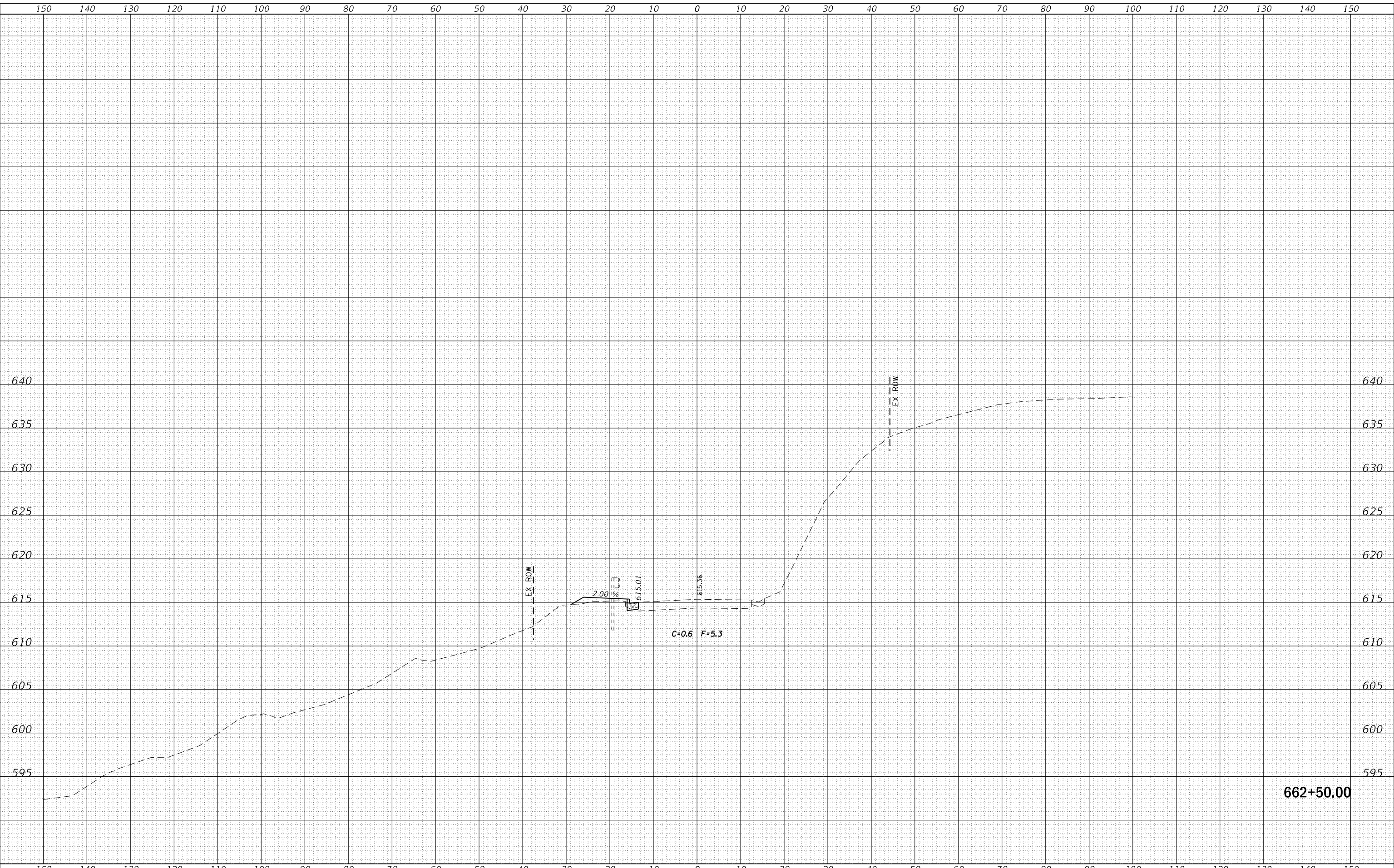
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| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 84        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
| AREAS CHECKED       | TEMPLATE      |      |
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662+50.00

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:34 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

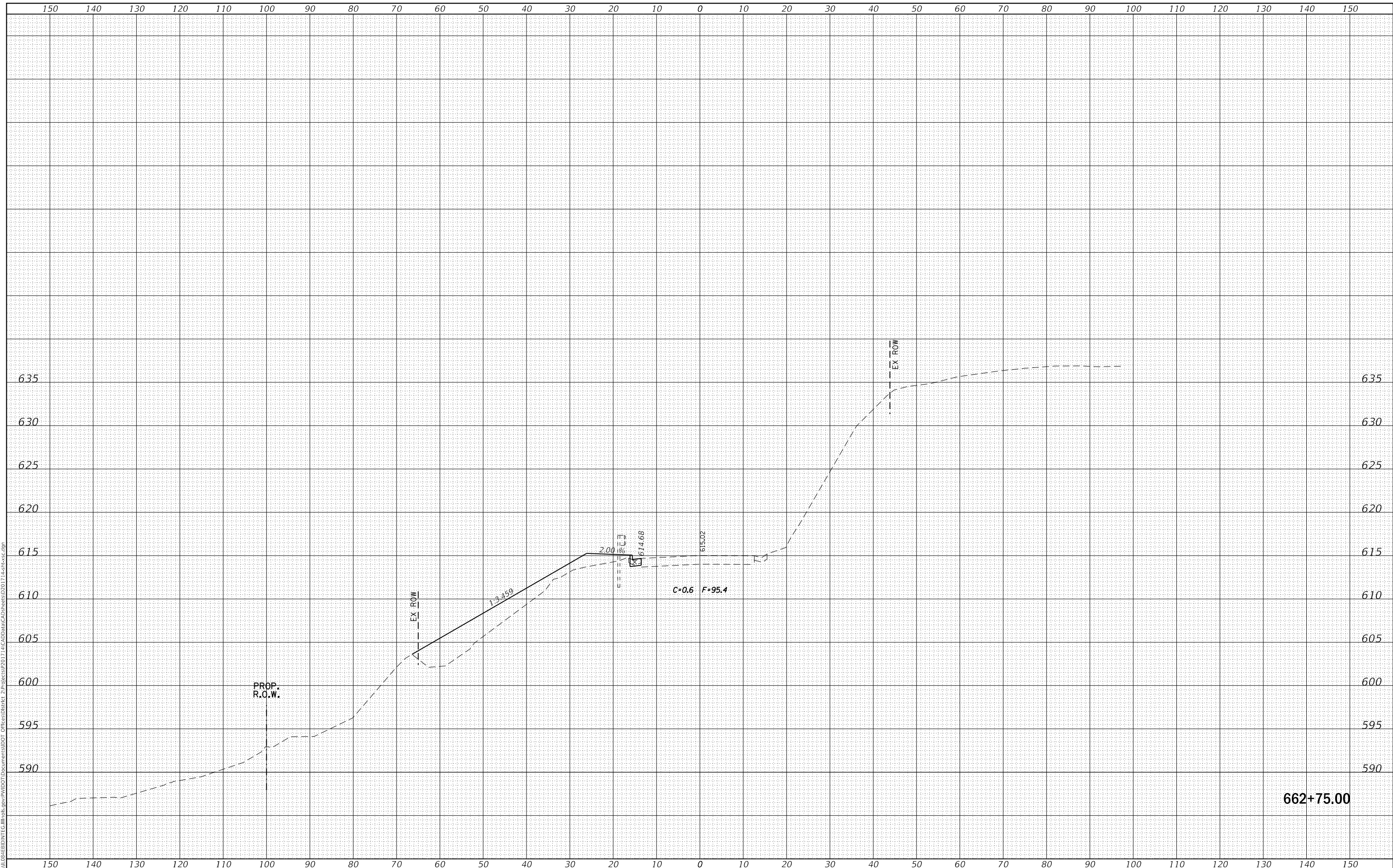
SCALE: SHEET OF SHEETS STA. 662+50.00 TO STA. 662+50.00

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|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 85        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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662+75.00

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
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| PLOT DATE = Mar-07-2018 11:36:34 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

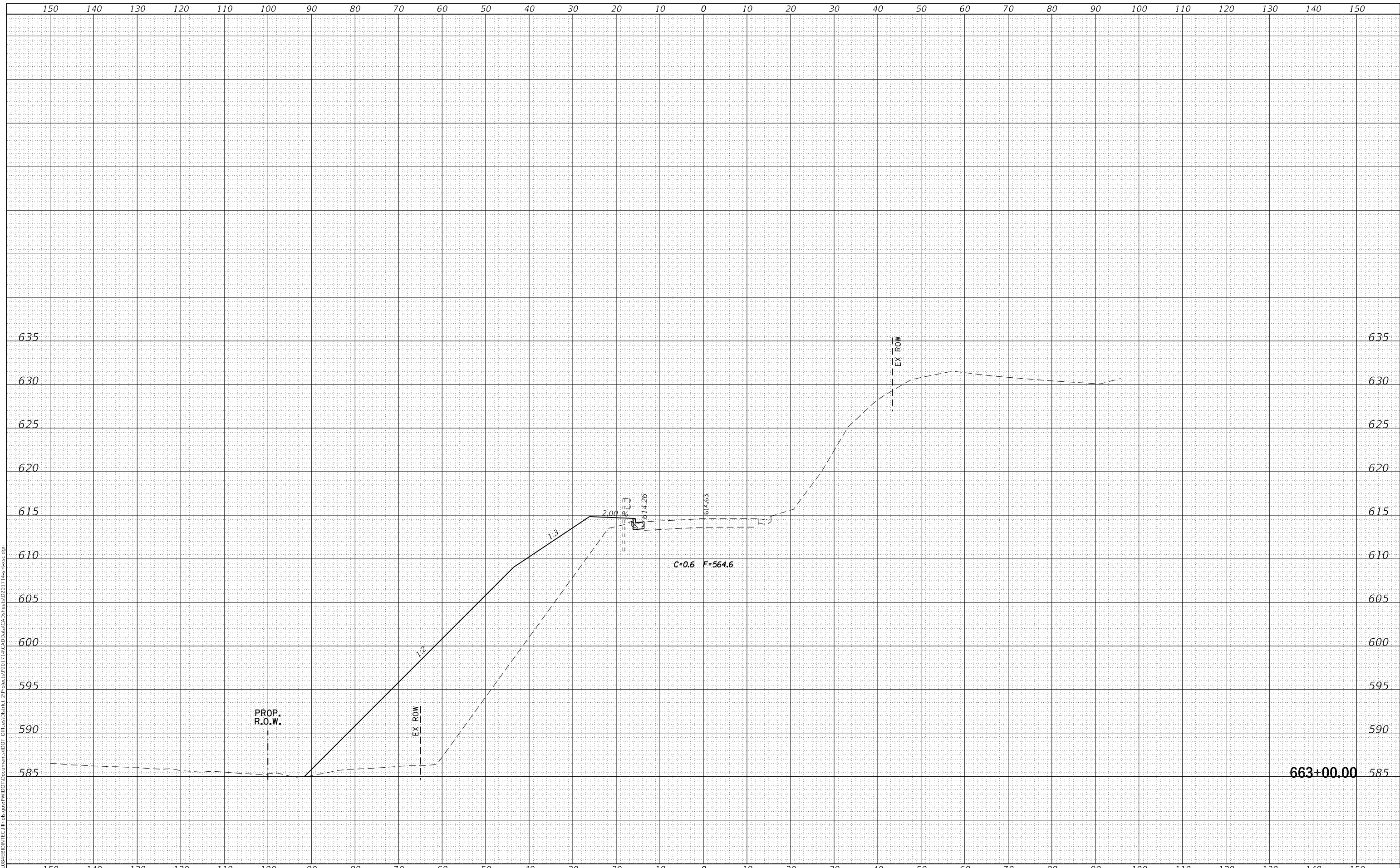
SCALE: SHEET OF SHEETS STA. 662+75.00 TO STA. 662+75.00

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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 86 |
| ILLINOIS FED. AID PROJECT |              |                    | CONTRACT NO. 64K06 |              |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       |      |
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| USER NAME = cushmanbw               | DESIGNED - | REVISD - |
|                                     | DRAWN -    | REVISD - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISD - |
| PLOT DATE = Mar-07-2018 11:36:35 AM | DATE -     | REVISD - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 663+00.00 TO STA. 663+00.00

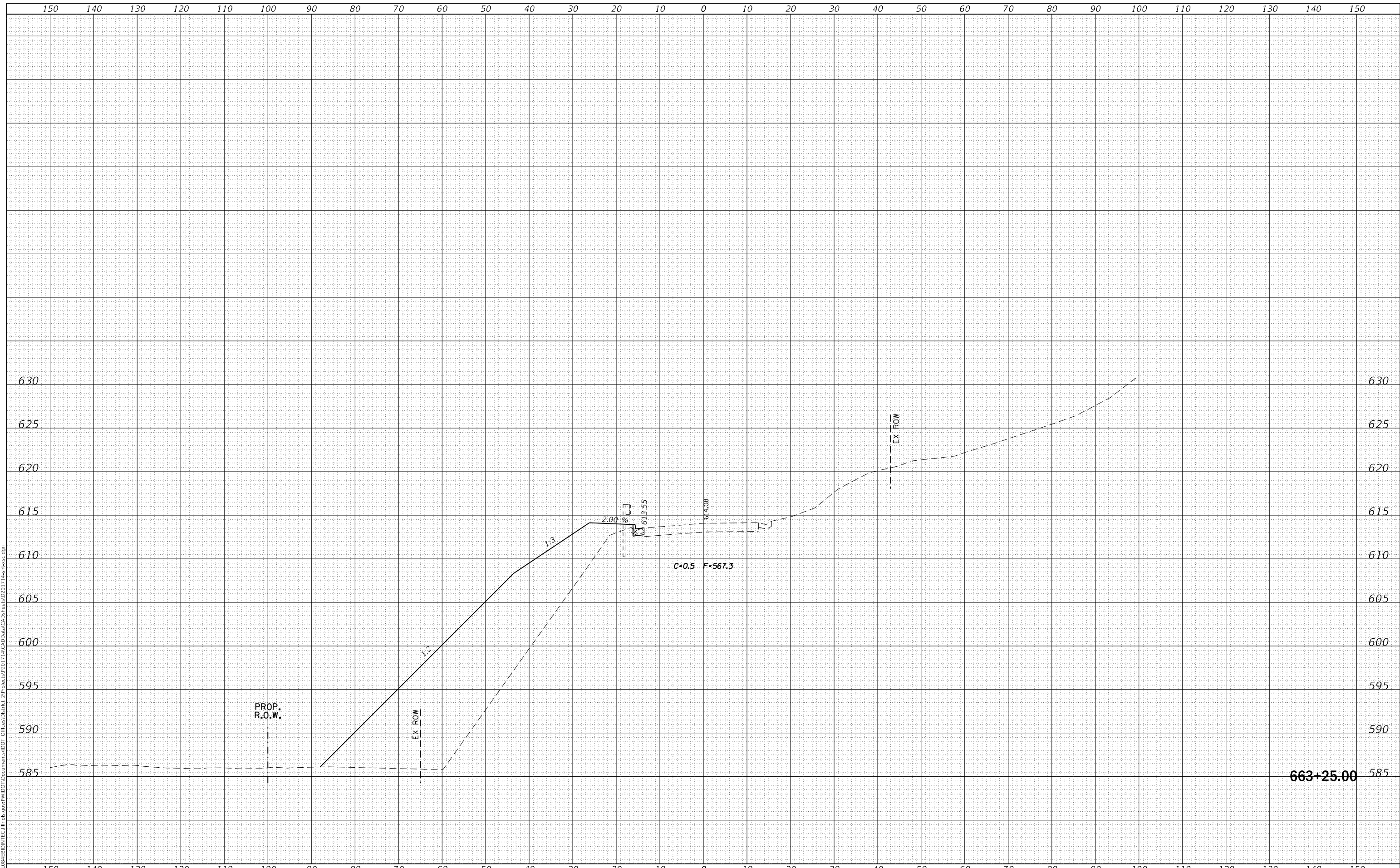
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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 87 |
| ILLINOIS FED. AID PROJECT |              |                    | CONTRACT NO. 64K06 |              |



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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       |      |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       |      |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:35 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

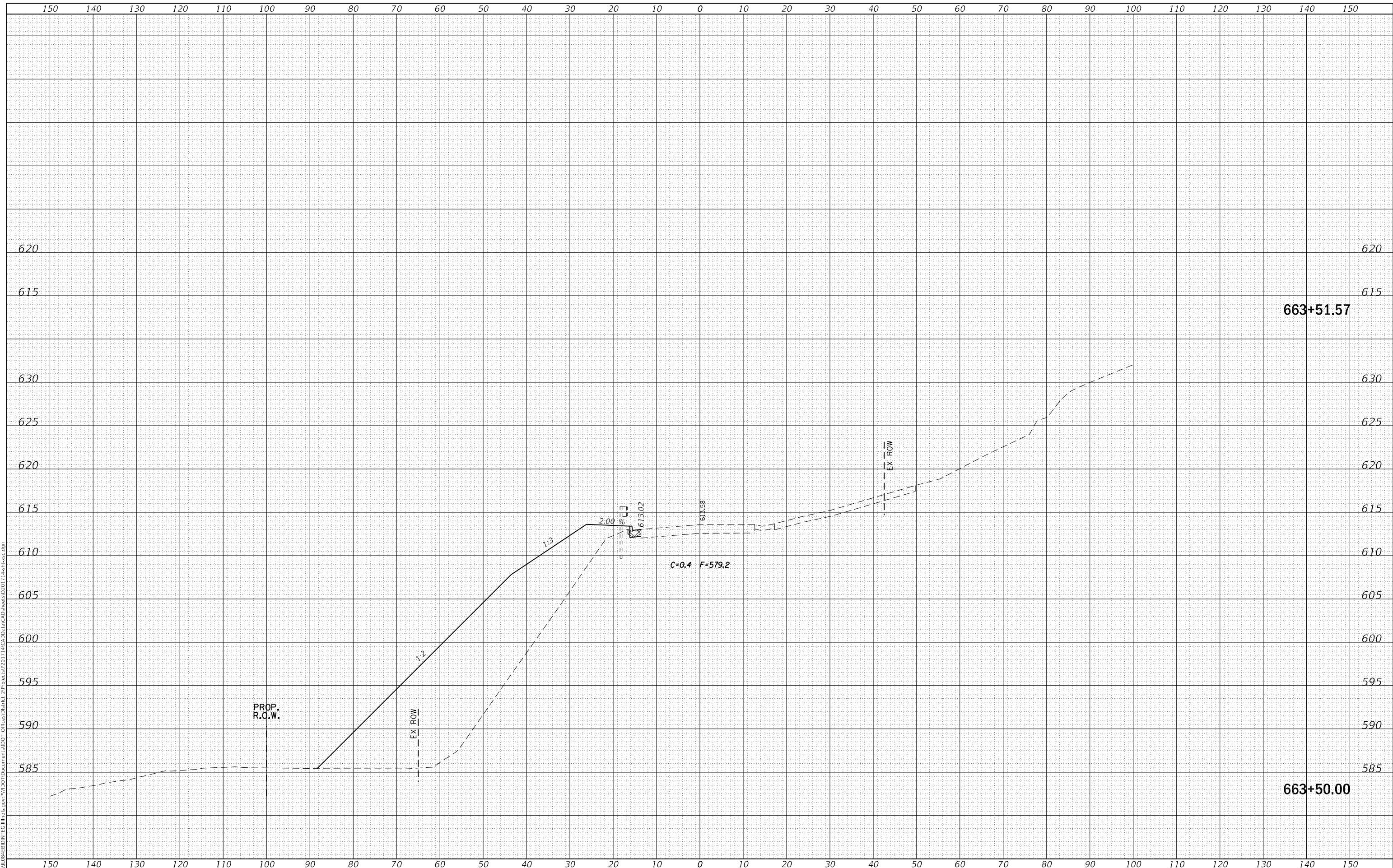
SCALE: SHEET OF SHEETS STA. 663+25.00 TO STA. 663+25.00

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 88        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       |      |
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| NOTE BOOK           | PLOTTED       |      |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:36 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

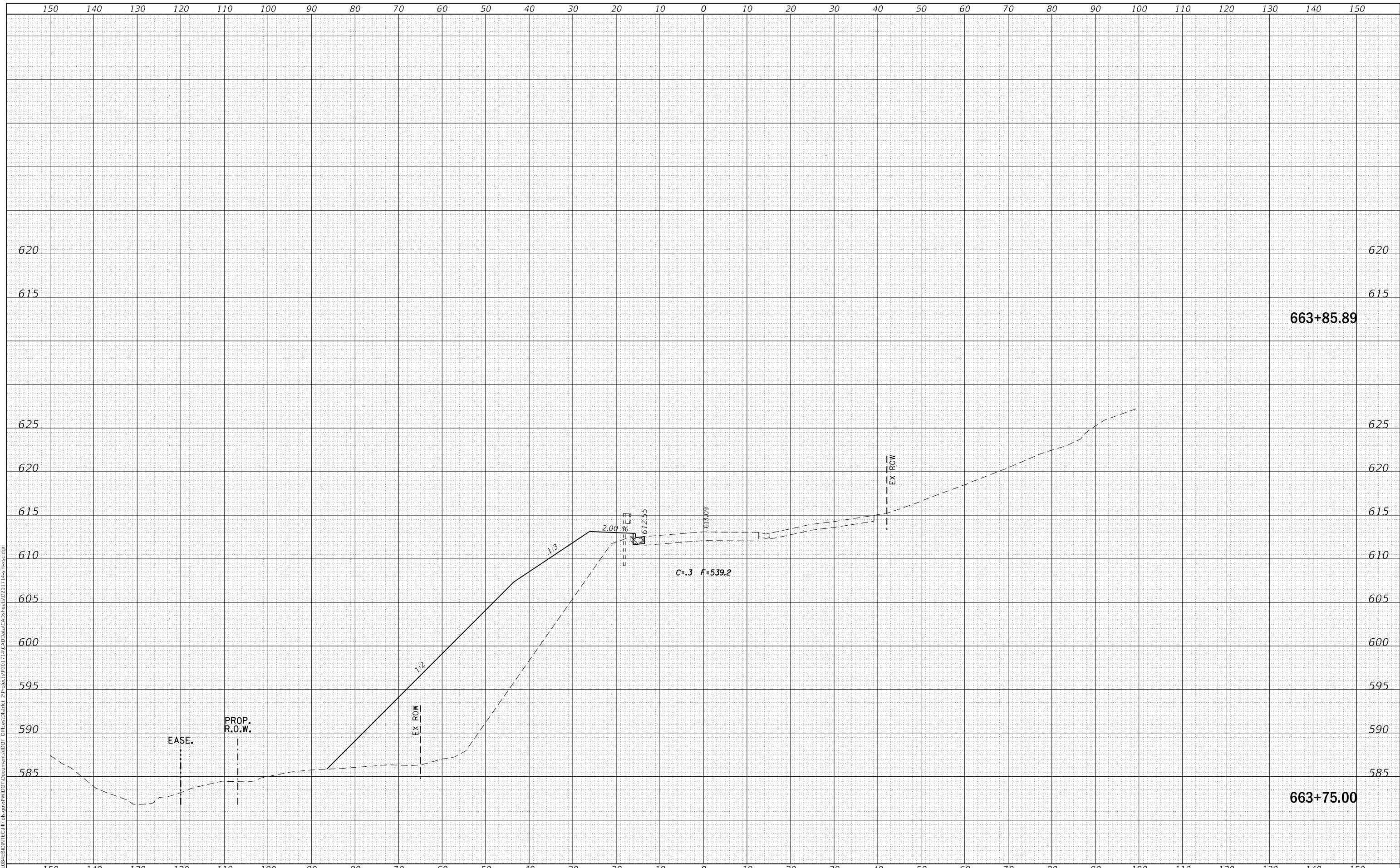
SCALE: SHEET OF SHEETS STA. 663+50.00 TO STA. 663+51.57

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 89        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       |      |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       |      |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
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| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

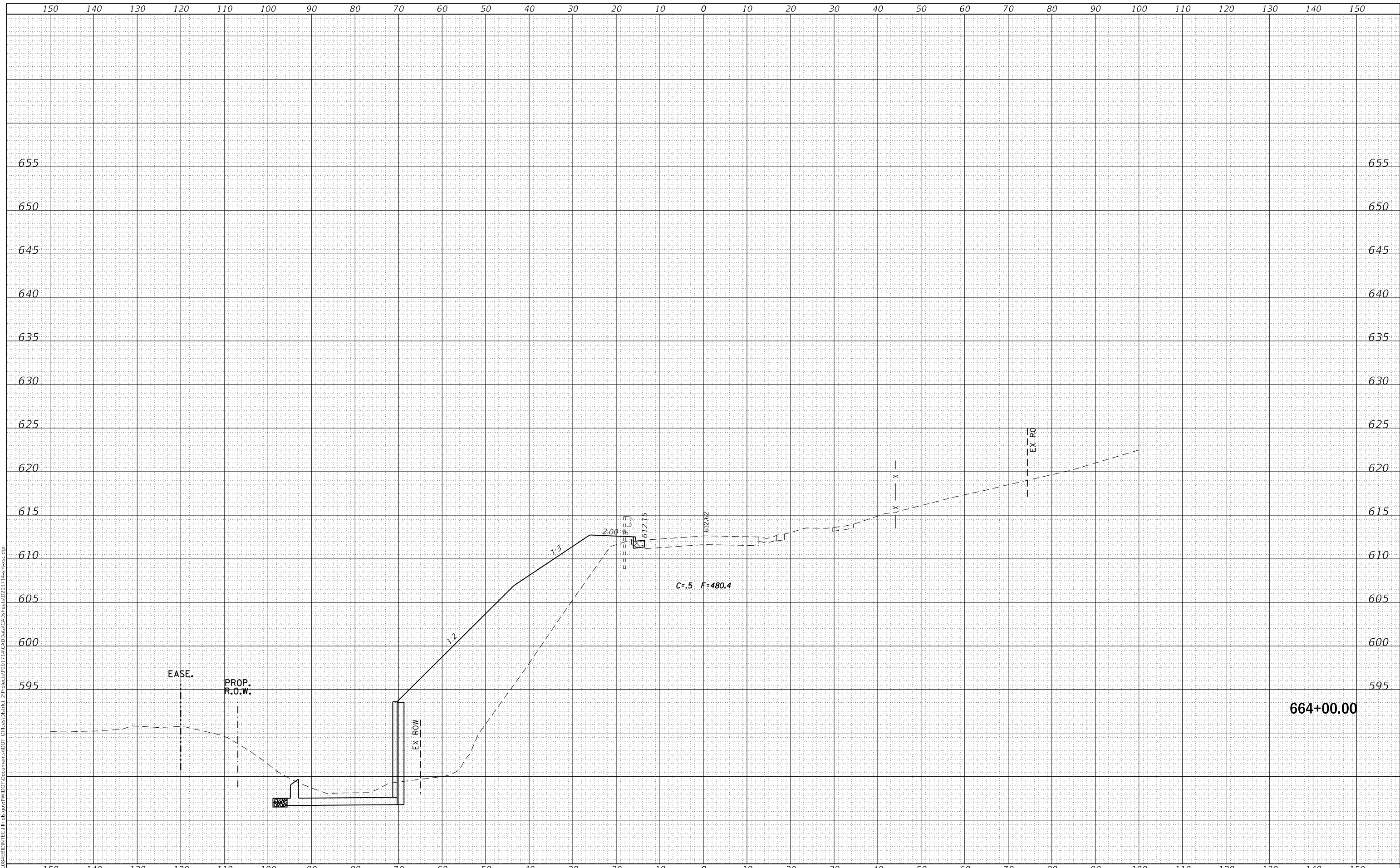
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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 90 |
| ILLINOIS FED. AID PROJECT |              |                    | CONTRACT NO. 64K06 |              |

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| PLOT DATE = Mar-07-2018 11:36:37 AM | CHECKED -  | REVISED - |
|                                     | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

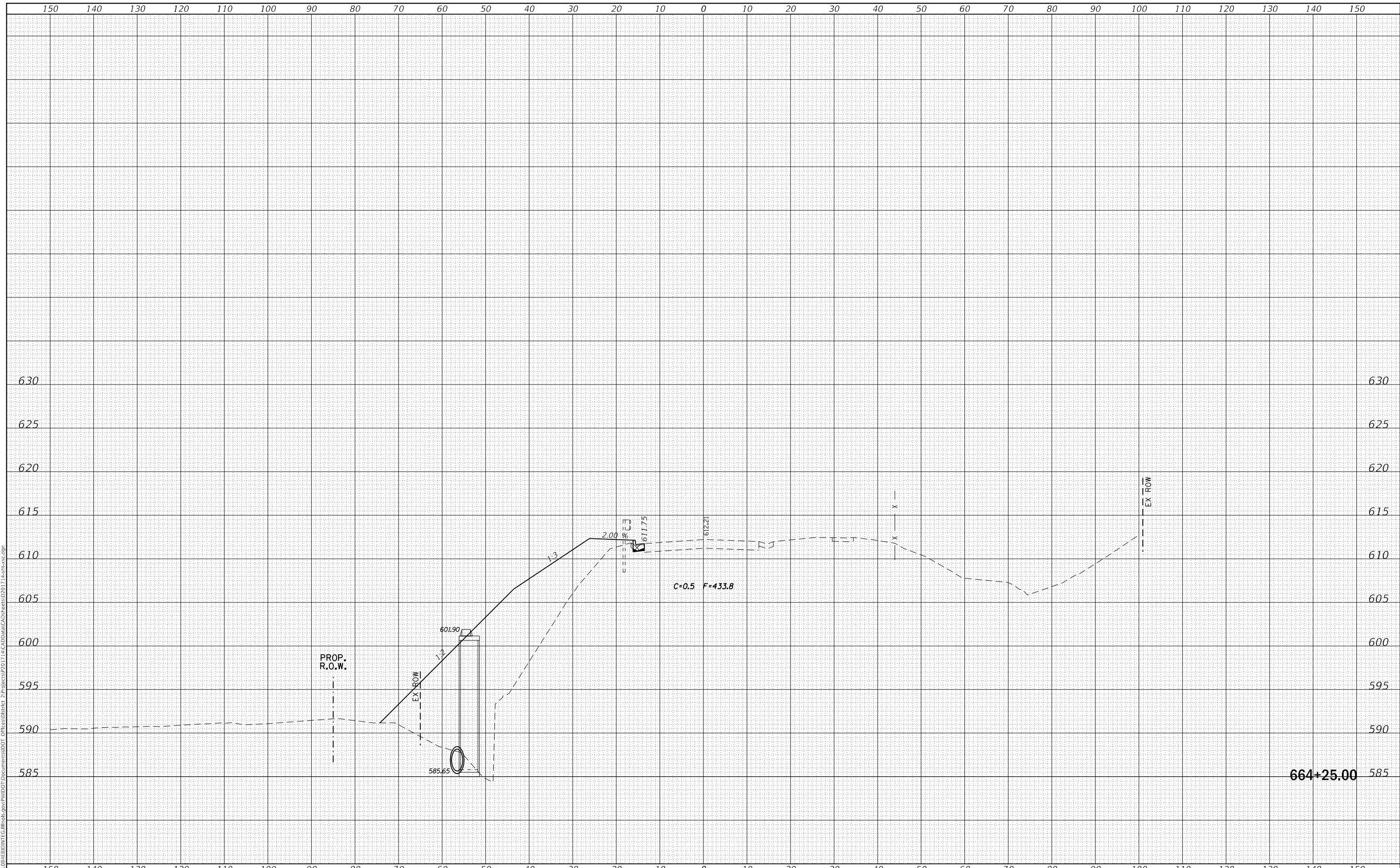
SCALE: SHEET OF SHEETS STA. 664+00.00 TO STA. 664+00.00

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| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND        | TOTAL SHEETS 117   | SHEET NO. 91 |
|                 |              |                           | CONTRACT NO. 64K06 |              |
|                 |              | ILLINOIS FED. AID PROJECT |                    |              |

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| ORIGINAL SURVEY NO. |  |
| NOTE BOOK NO.       |  |
| AREAS CHECKED       |  |

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| USER NAME =  | cushmanbw               | DESIGNED - | REVISD - |
|              |                         | DRAWN -    | REVISD - |
| PLOT SCALE = | 20.0000 ' / in.         | CHECKED -  | REVISD - |
| PLOT DATE =  | Mar-07-2018 11:36:37 AM | DATE -     | REVISD - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 664+25.00 TO STA. 664+25.00

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 92        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

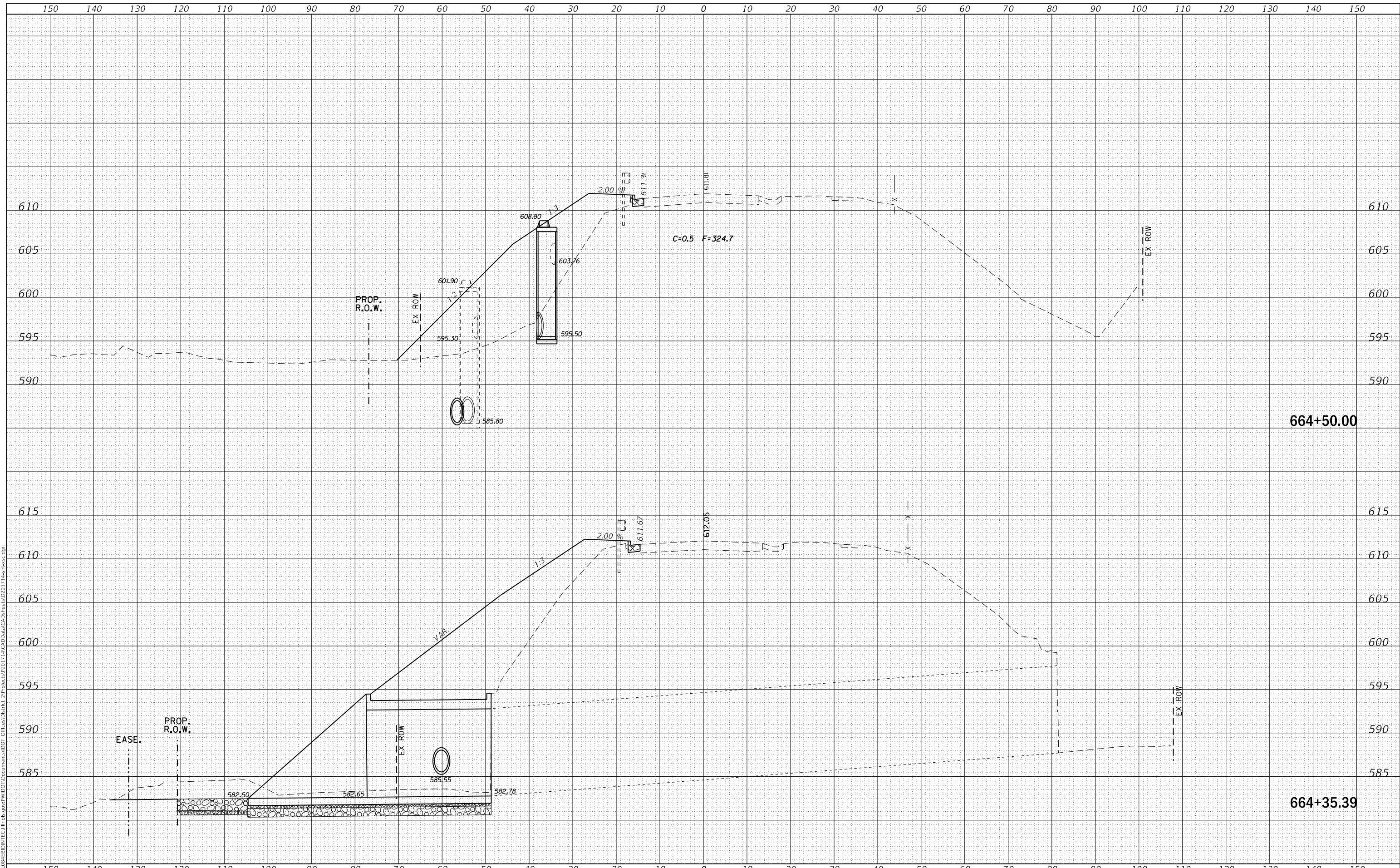
**664+25.00**



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

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| USER NAME =  | cushmanbw               | DESIGNED - | REvised - |
|              |                         | DRAWN -    | REvised - |
| PLOT SCALE = | 20.0000 ' / in.         | CHECKED -  | REvised - |
| PLOT DATE =  | Mar-07-2018 11:36:37 AM | DATE -     | REvised - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

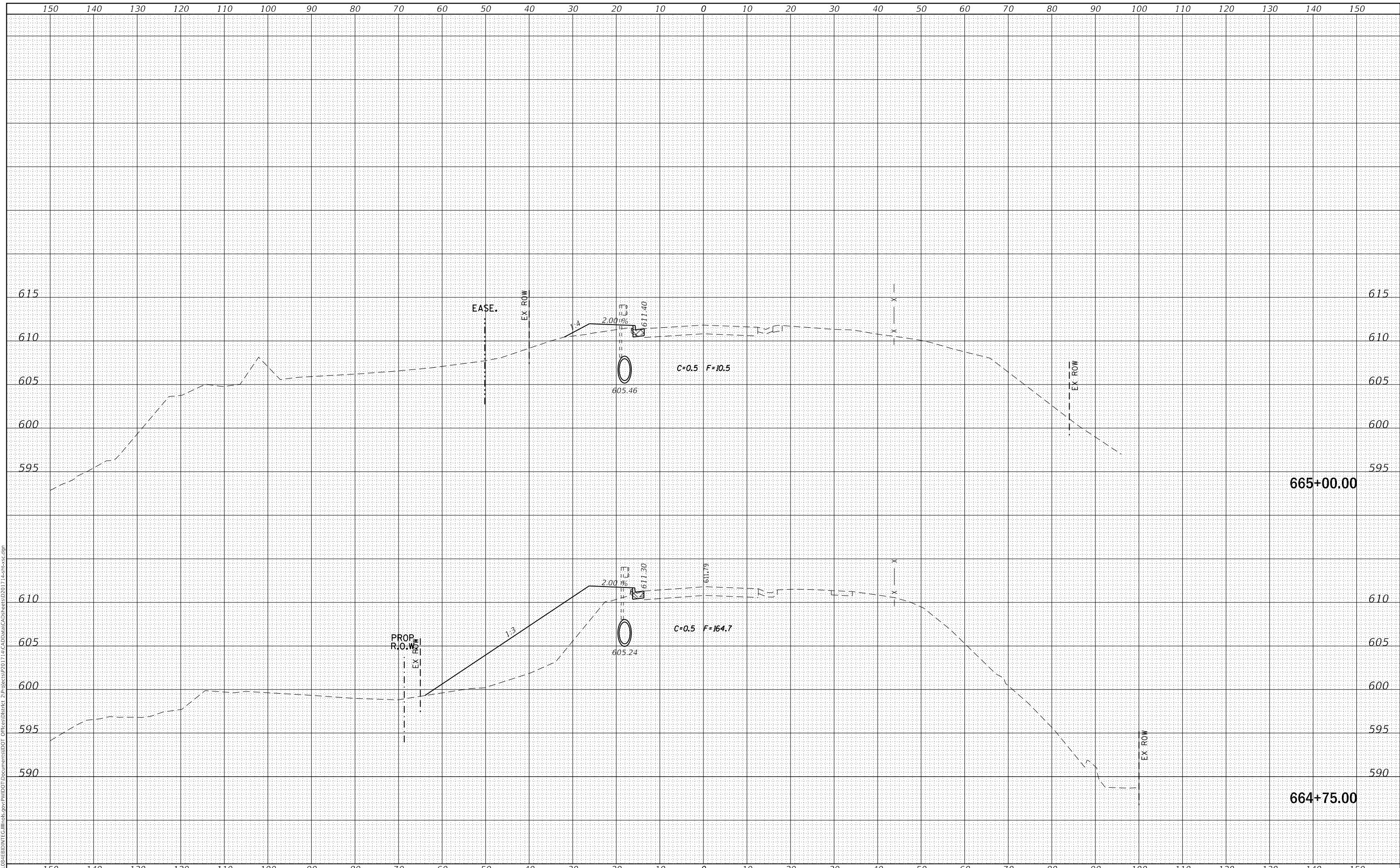
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| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 93        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
| AREAS CHECKED    | TEMPLATE      |      |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
| AREAS CHECKED       | TEMPLATE      |      |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

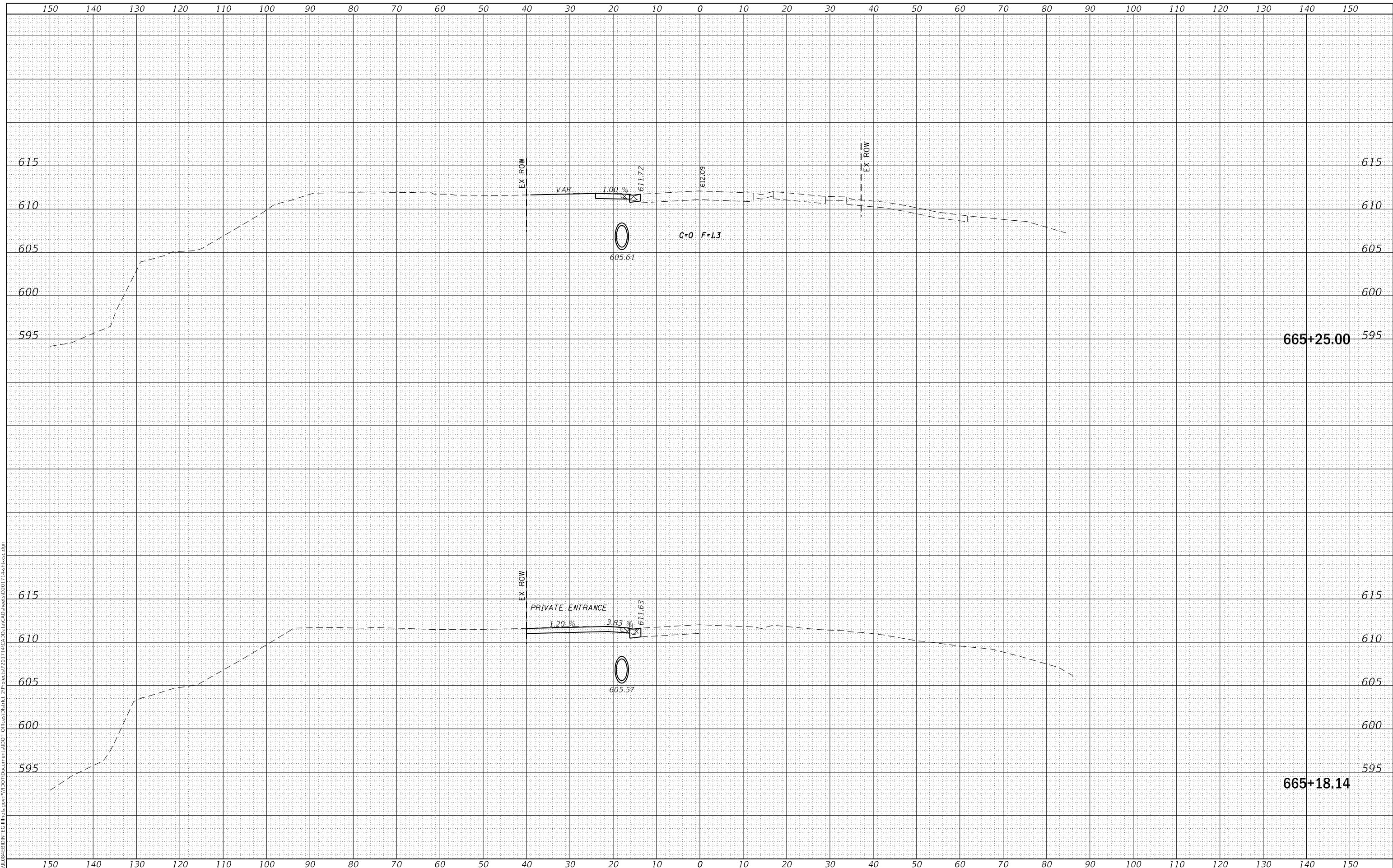
SCALE: SHEET OF SHEETS STA. 664+75.00 TO STA. 665+00.00

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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117 | SHEET NO. 94 |
| CONTRACT NO. 64K06        |              |                    |                  |              |
| ILLINOIS FED. AID PROJECT |              |                    |                  |              |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| NOTE BOOK           | PLOTTED       | BY   |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:39 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 665+18.14 TO STA. 665+25.00

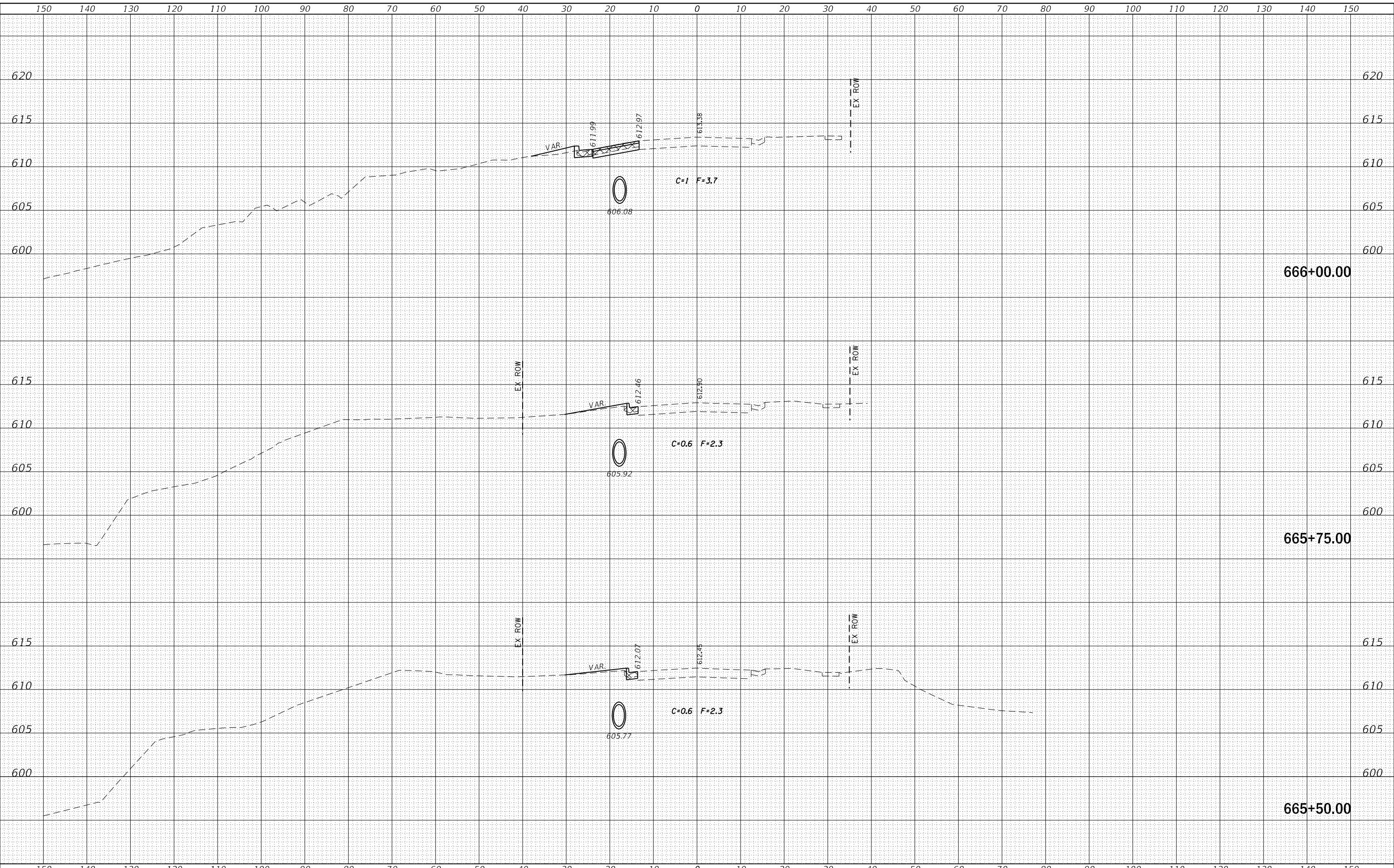
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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117 | SHEET NO. 95 |
| CONTRACT NO. 64K06        |              |                    |                  |              |
| ILLINOIS FED. AID PROJECT |              |                    |                  |              |



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| FINAL SURVEY NO. | SURVEYED | DATE |
| NOTE BOOK        | PLOTTED  | BY   |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:39 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

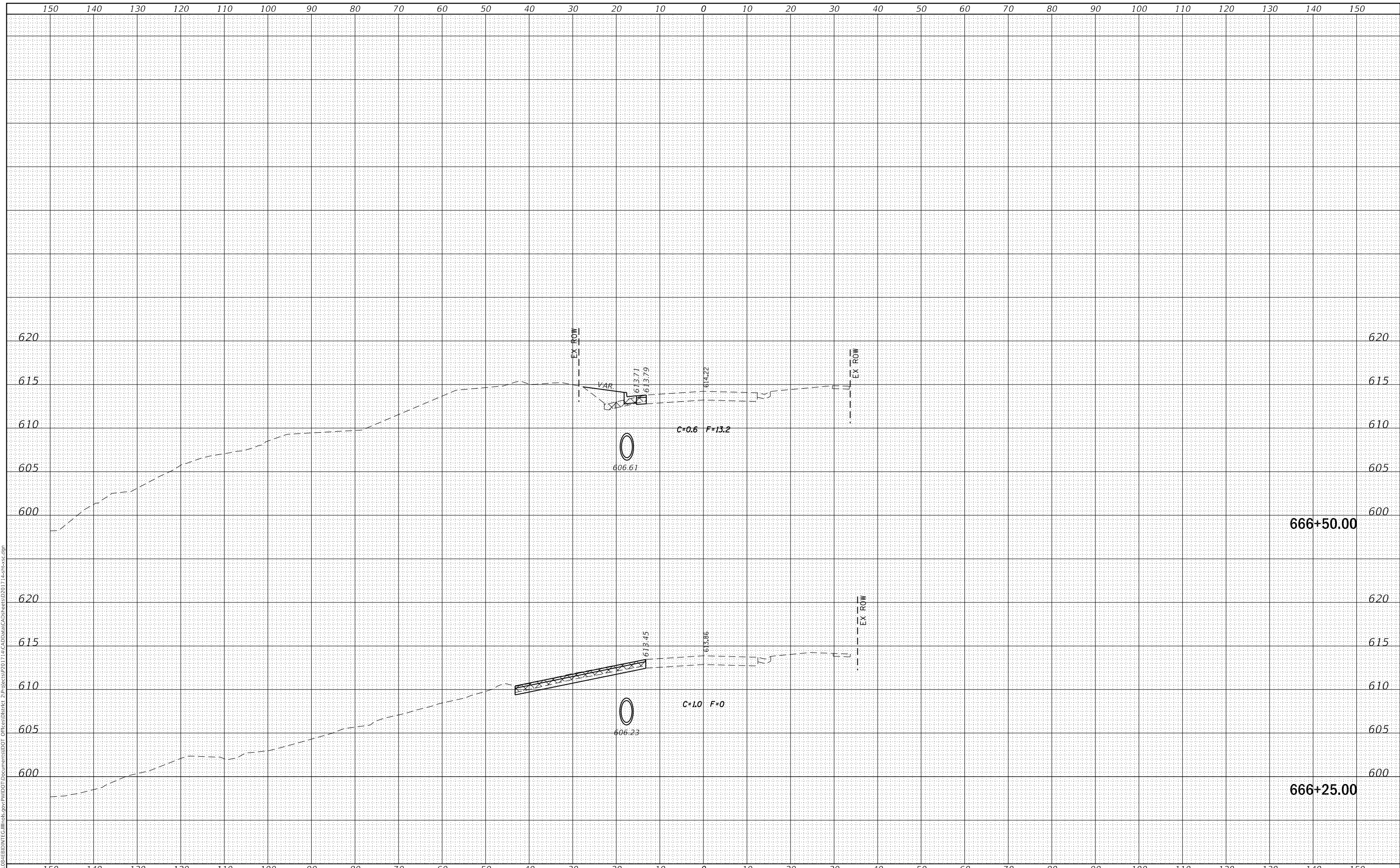
SCALE: SHEET OF SHEETS STA. 665+50.00 TO STA. 666+00.00

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| F.A.P. RTE. 308    | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117          | SHEET NO. 96 |
| CONTRACT NO. 64K06 |              |                    | ILLINOIS FED. AID PROJECT |              |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       |      |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
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| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

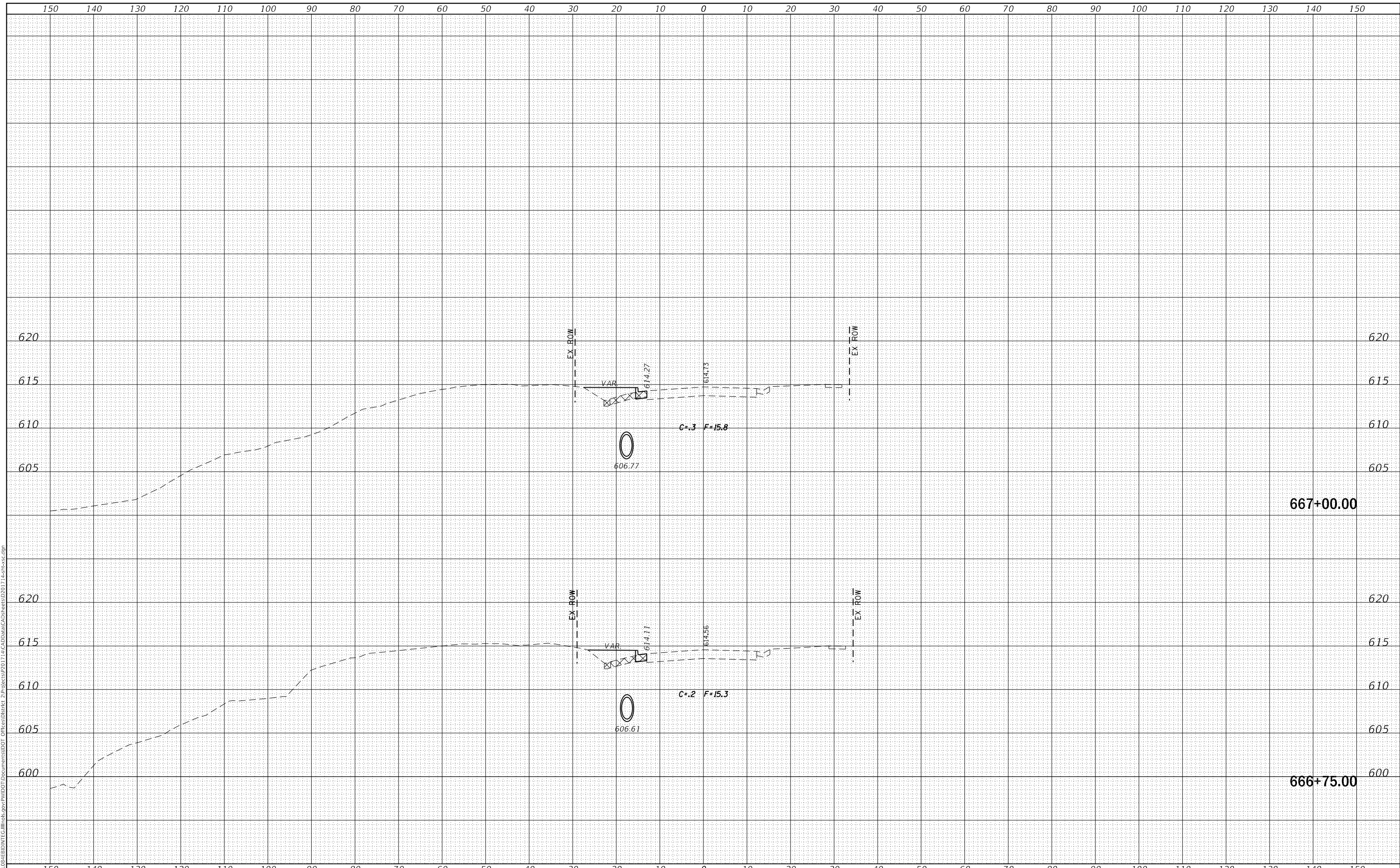
SCALE: SHEET OF SHEETS STA. 666+25.00 TO STA. 666+50.00

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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 97 |
| ILLINOIS FED. AID PROJECT |              |                    | CONTRACT NO. 64K06 |              |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

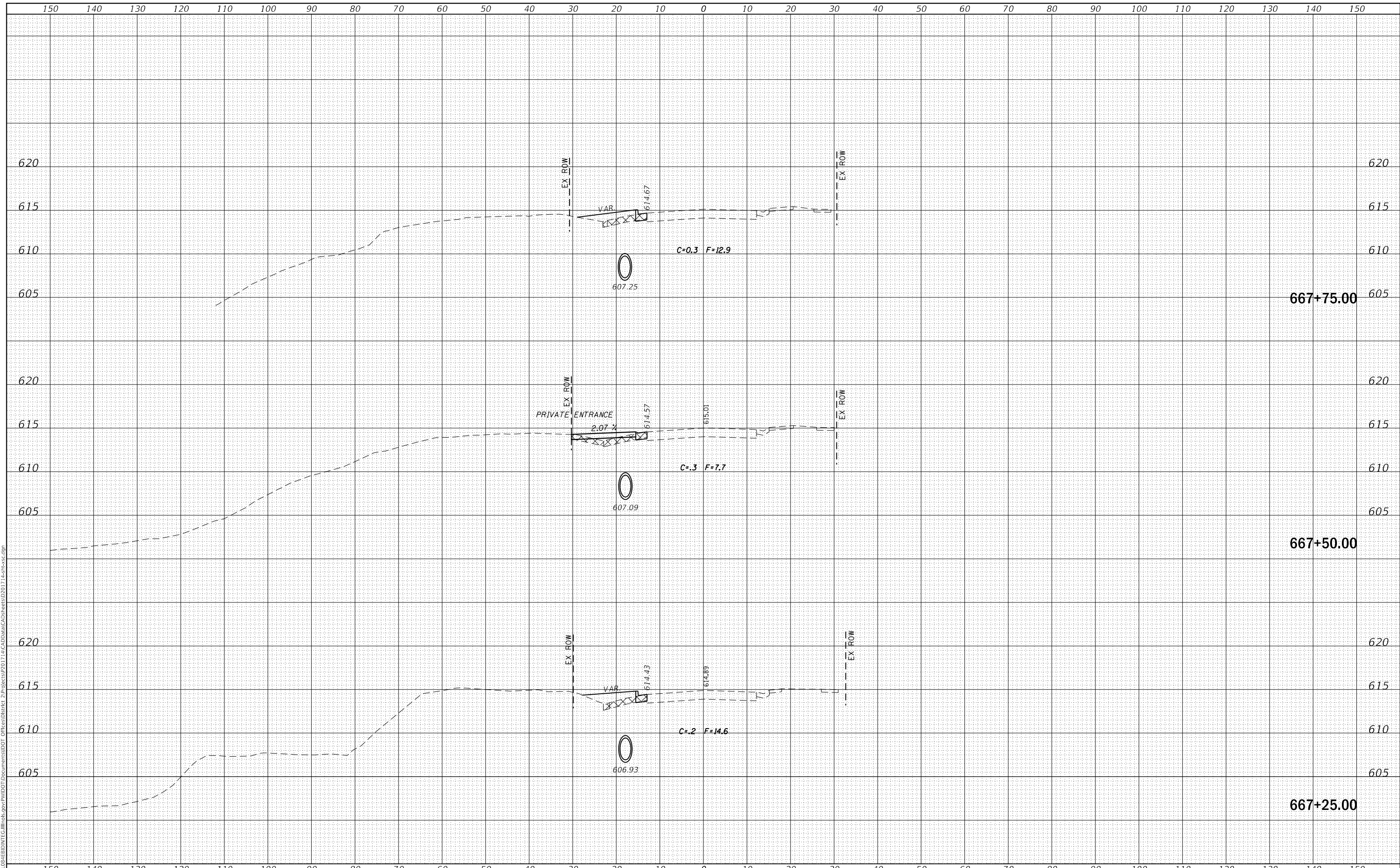
SCALE: SHEET OF SHEETS STA. 666+75.00 TO STA. 667+00.00

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| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 98 |
|                 |              |                    | CONTRACT NO. 64K06 |              |
|                 |              | ILLINOIS           | FED. AID PROJECT   |              |

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| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:40 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

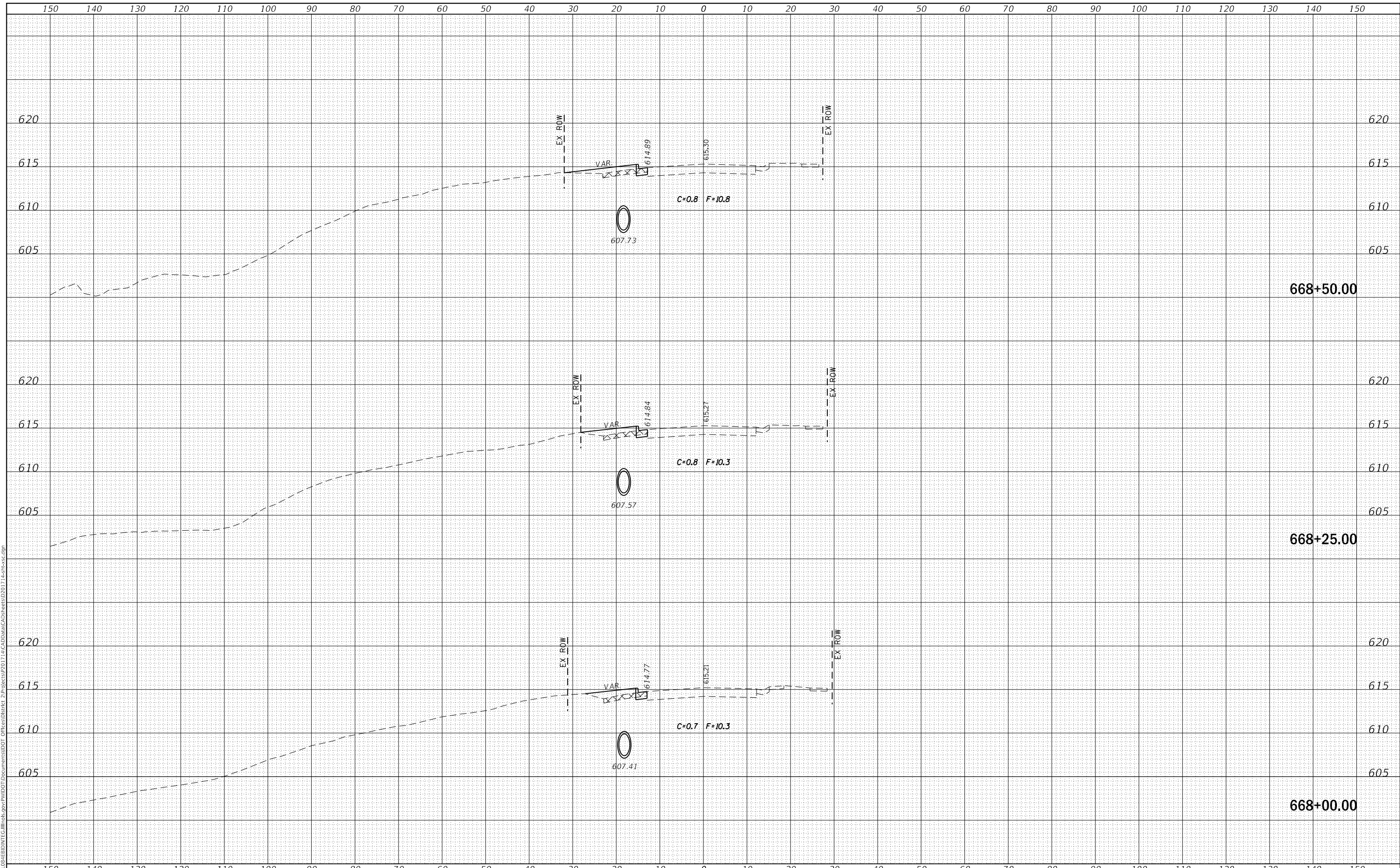
SCALE: SHEET OF SHEETS STA. 667+25.00 TO STA. 667+75.00

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| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 99        |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| NOTE BOOK           | PLOTTED       | BY   |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
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| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:41 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 668+00.00 TO STA. 668+50.00

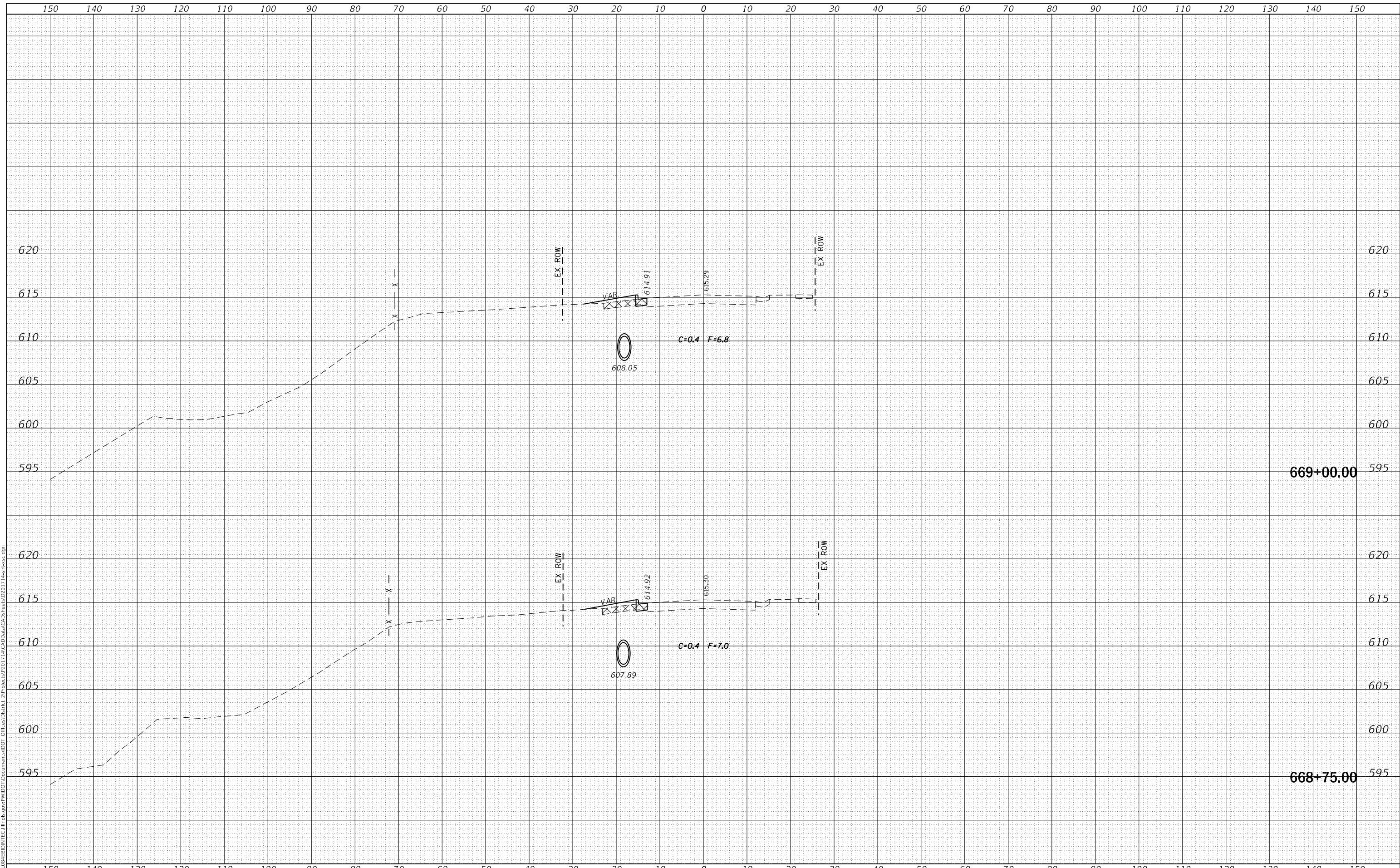
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| F.A.P. RTE. 308    | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117          | SHEET NO. 100 |
| CONTRACT NO. 64K06 |              |                    | ILLINOIS FED. AID PROJECT |               |



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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:41 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

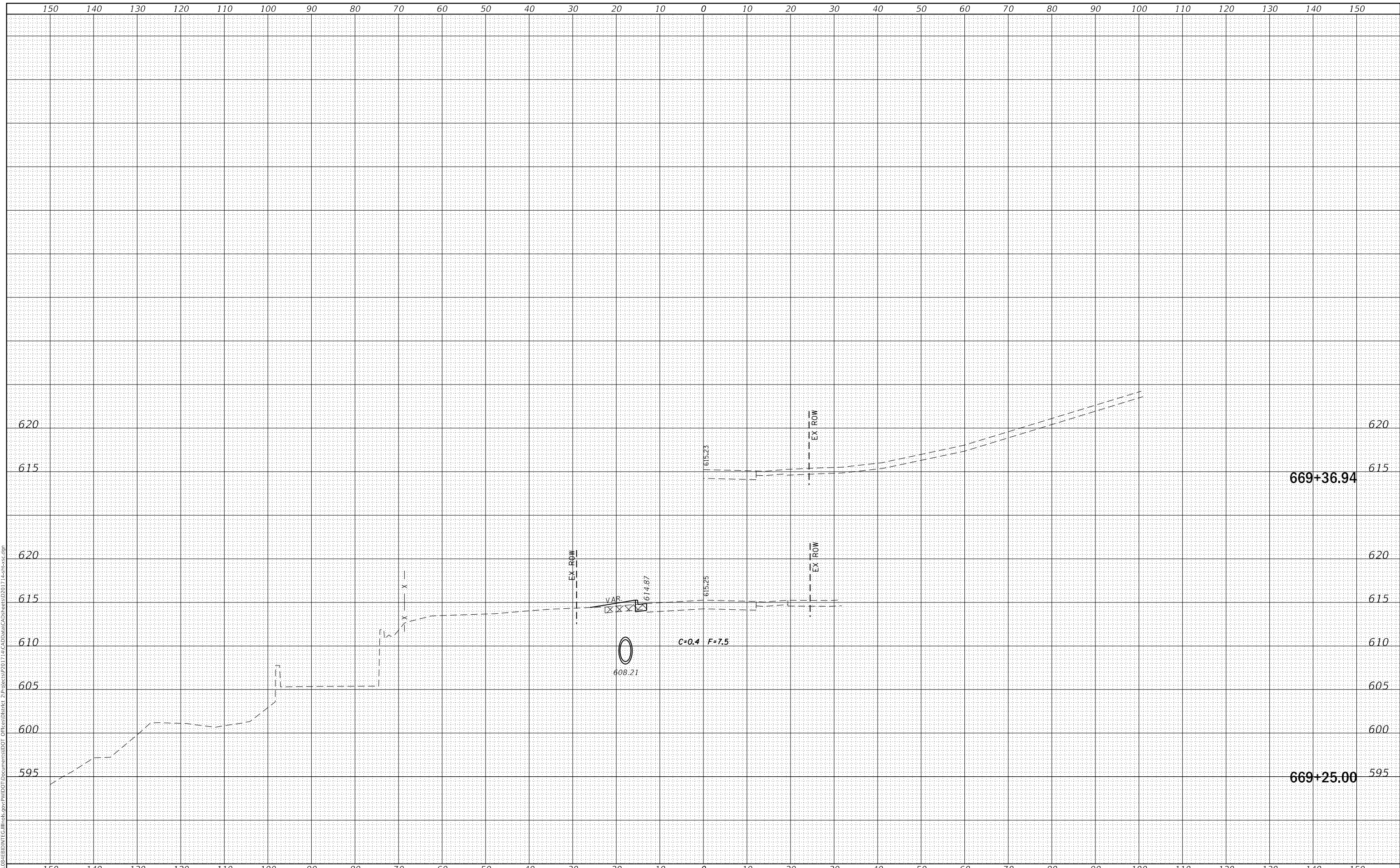
SCALE: SHEET OF SHEETS STA. 668+75.00 TO STA. 669+00.00

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|--------------------|--------------|--------------------|---------------------------|---------------|
| F.A.P. RTE. 308    | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117          | SHEET NO. 101 |
| CONTRACT NO. 64K06 |              |                    | ILLINOIS FED. AID PROJECT |               |

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

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
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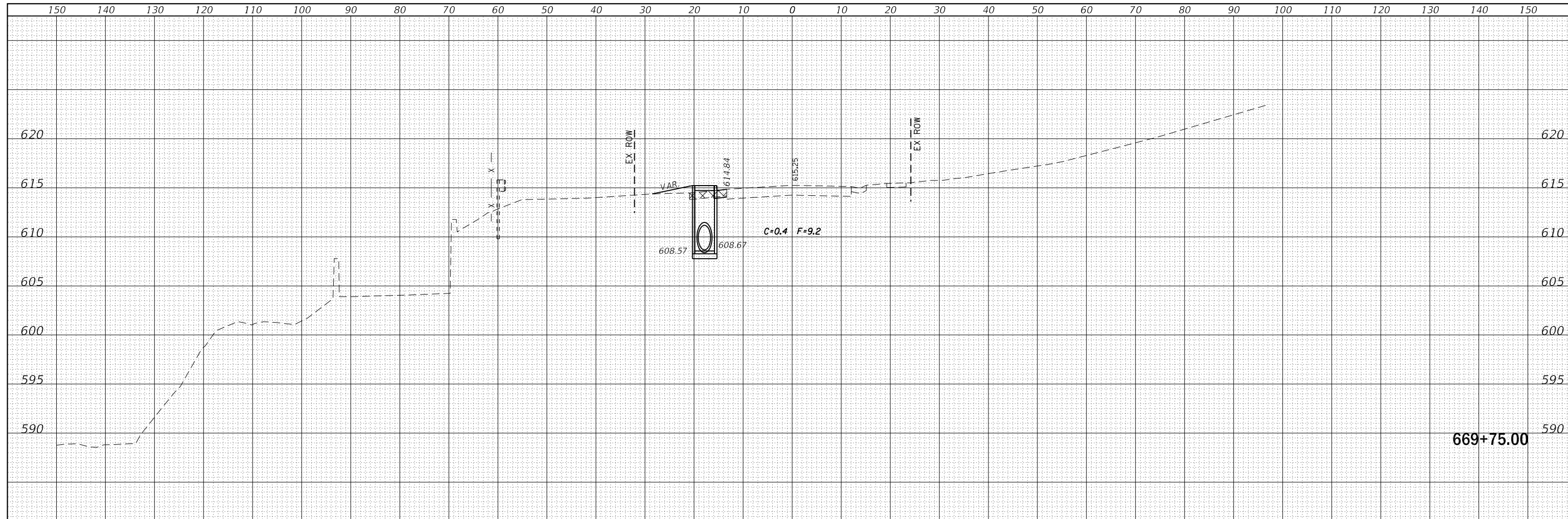
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

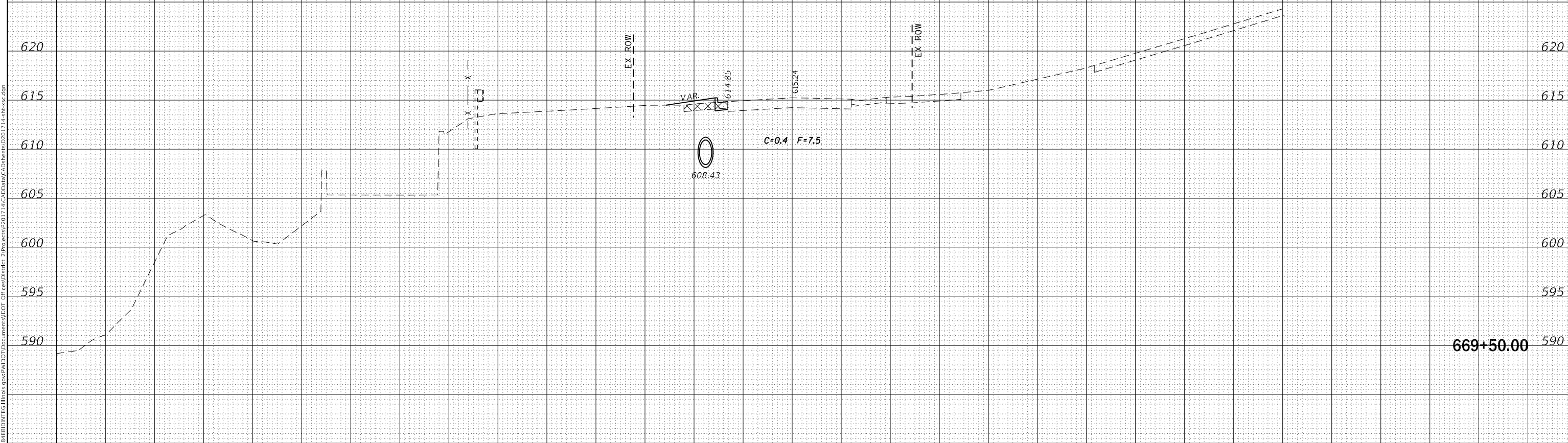
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|-----------------|--------------|---------------------------|--------------------|---------------|
| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND        | TOTAL SHEETS 117   | SHEET NO. 102 |
|                 |              |                           | CONTRACT NO. 64K06 |               |
|                 |              | ILLINOIS FED. AID PROJECT |                    |               |

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 669+50.00 TO STA. 669+75.00

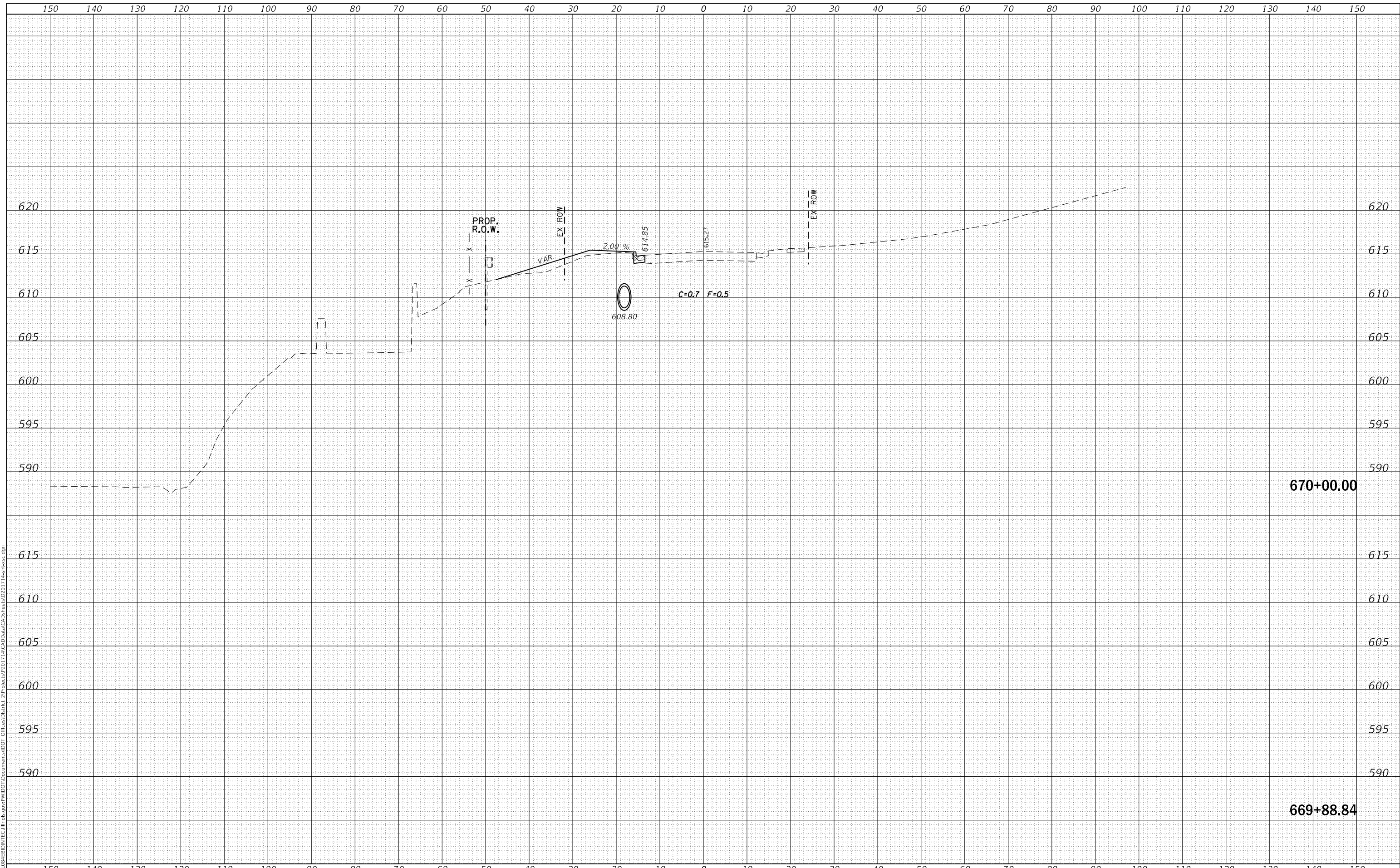
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| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 103       |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



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| FINAL SURVEY NO. | SURVEYED      | DATE |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:43 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

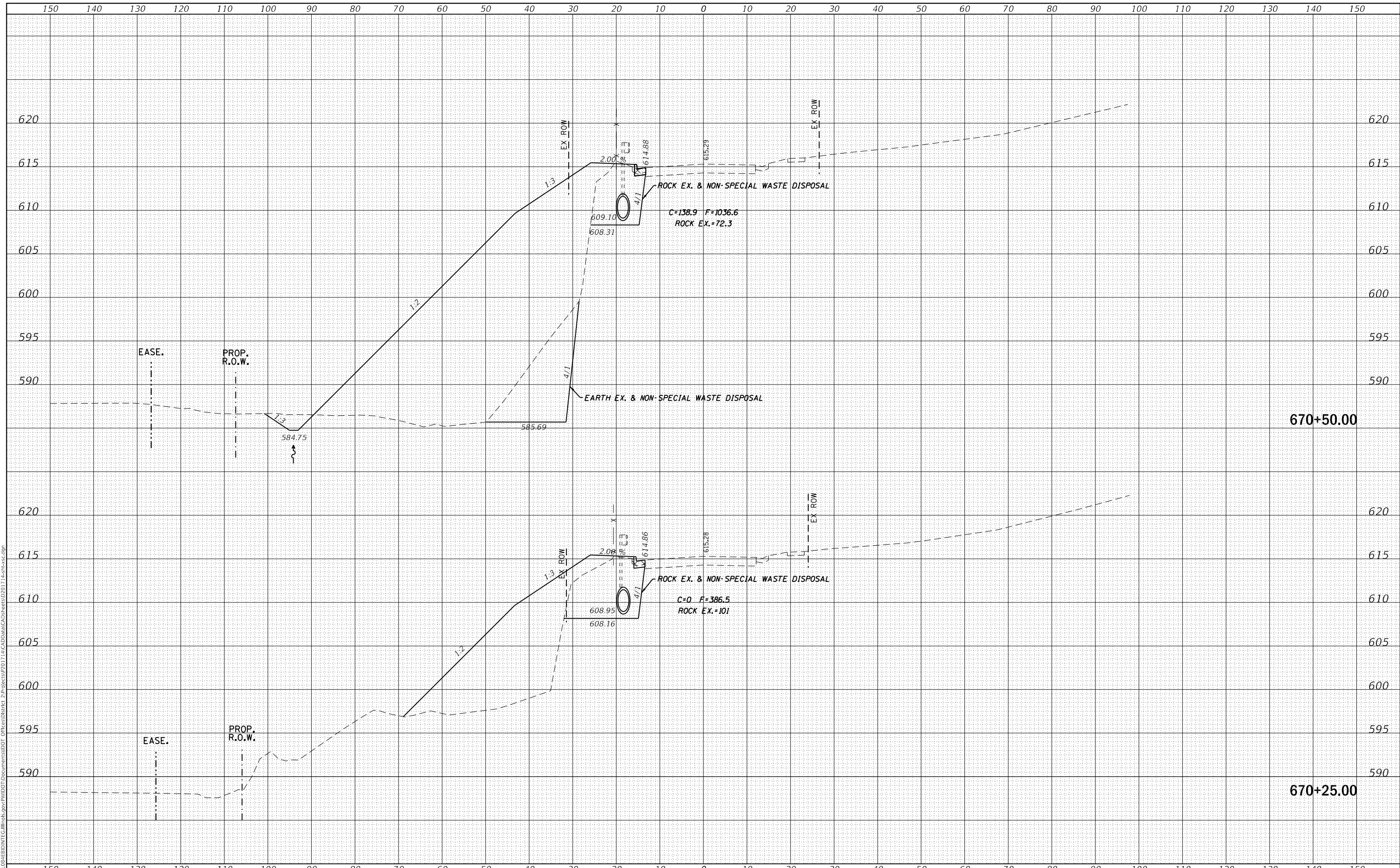
SCALE: SHEET OF SHEETS STA. 669+88.84 TO STA. 670+00.00

|                    |              |                    |                           |               |
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| F.A.P. RTE. 308    | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117          | SHEET NO. 104 |
| CONTRACT NO. 64K06 |              |                    | ILLINOIS FED. AID PROJECT |               |

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| DATE          |  |
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| FINAL SURVEY  |  |
| NOTE BOOK     |  |
| NO.           |  |

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| TEMPLATE        |  |
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| ORIGINAL SURVEY |  |
| NOTE BOOK       |  |
| NO.             |  |

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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:44 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

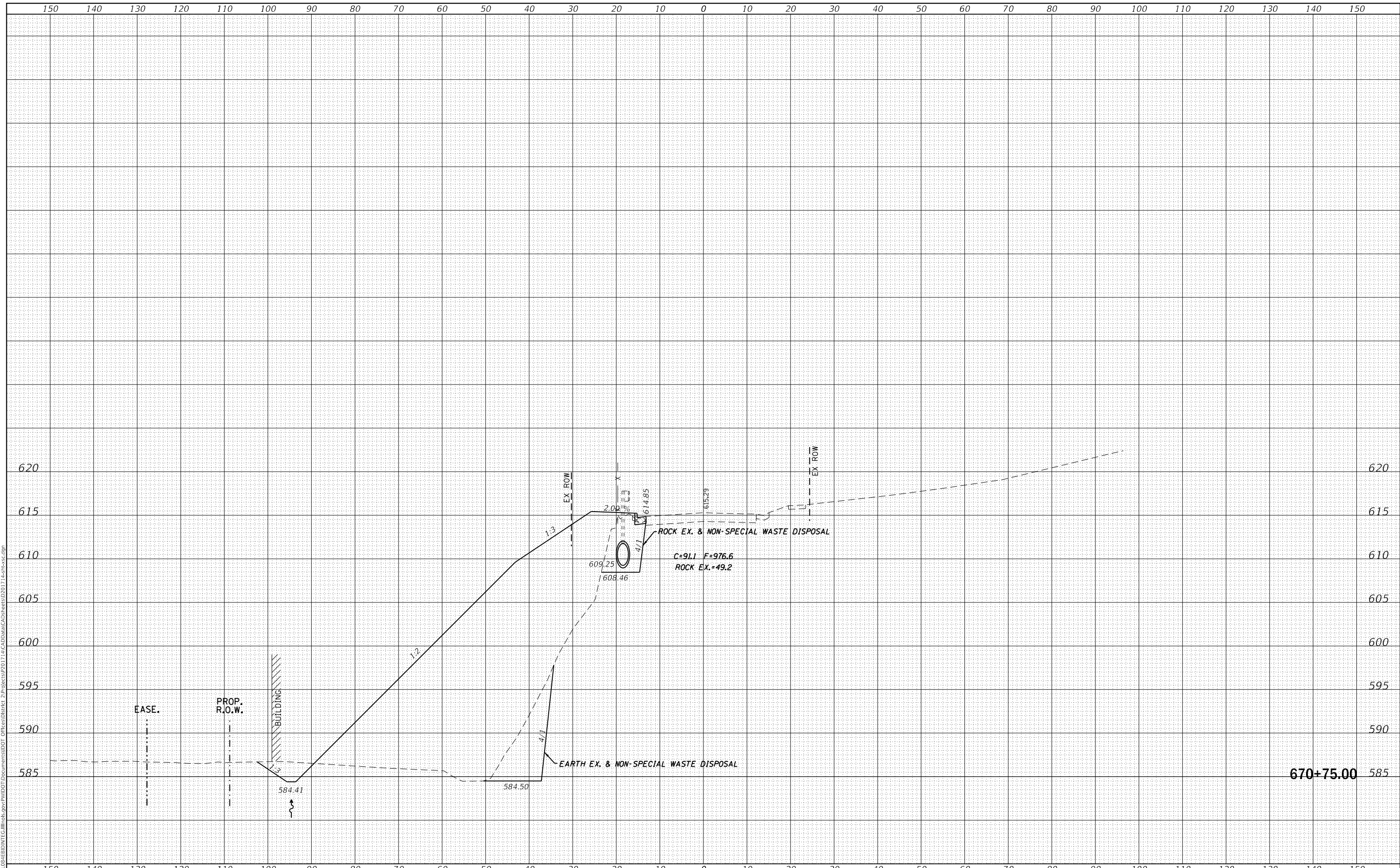
SCALE: SHEET OF SHEETS STA. 670+25.00 TO STA. 670+50.00

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 105       |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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

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

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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:45 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

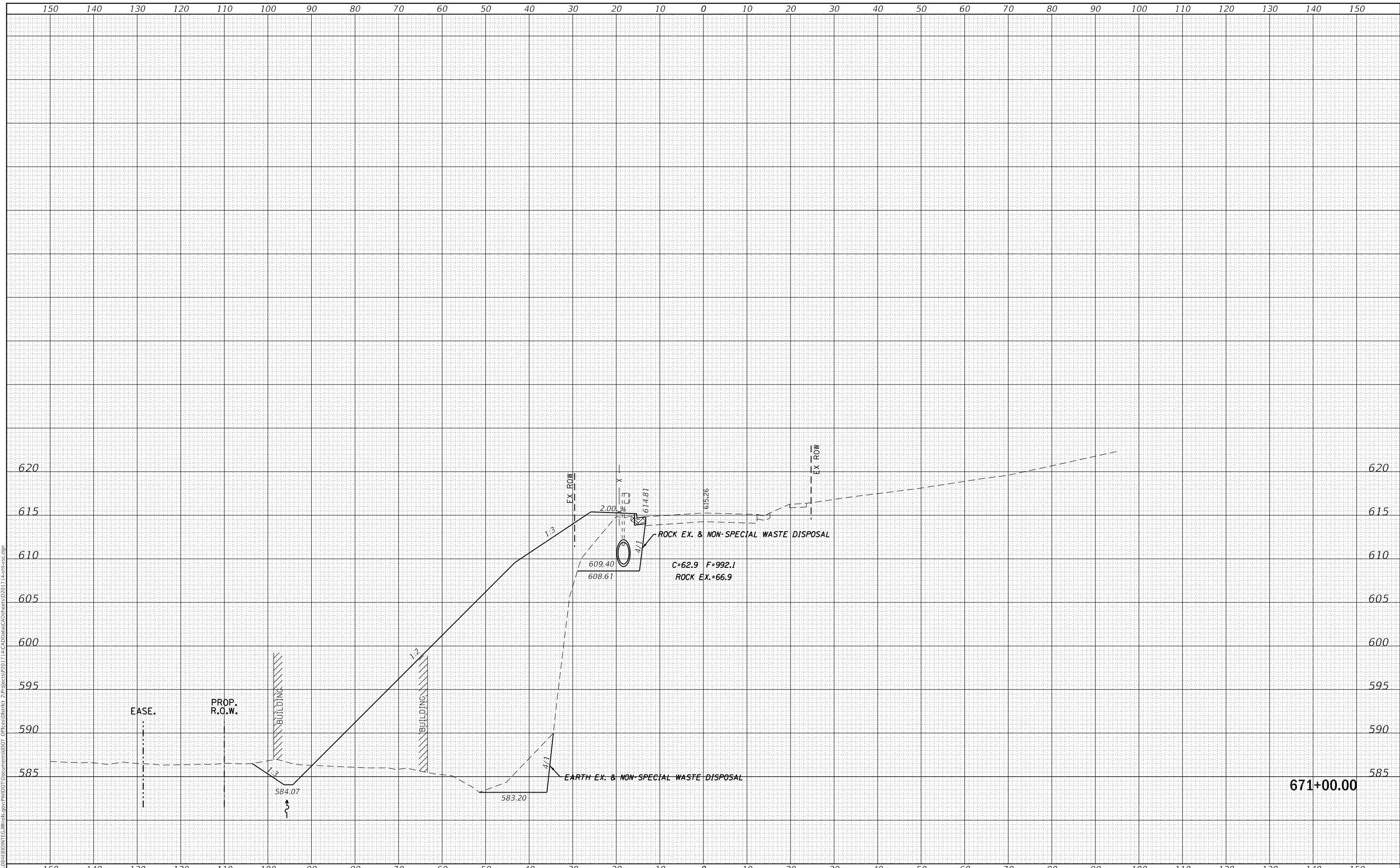
SCALE: SHEET OF SHEETS STA. 670+75.00 TO STA. 670+75.00

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| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117 | SHEET NO. 106 |
| CONTRACT NO. 64K06        |              |                    |                  |               |
| ILLINOIS FED. AID PROJECT |              |                    |                  |               |

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

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671+00.00

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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000' / in.         | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:45 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

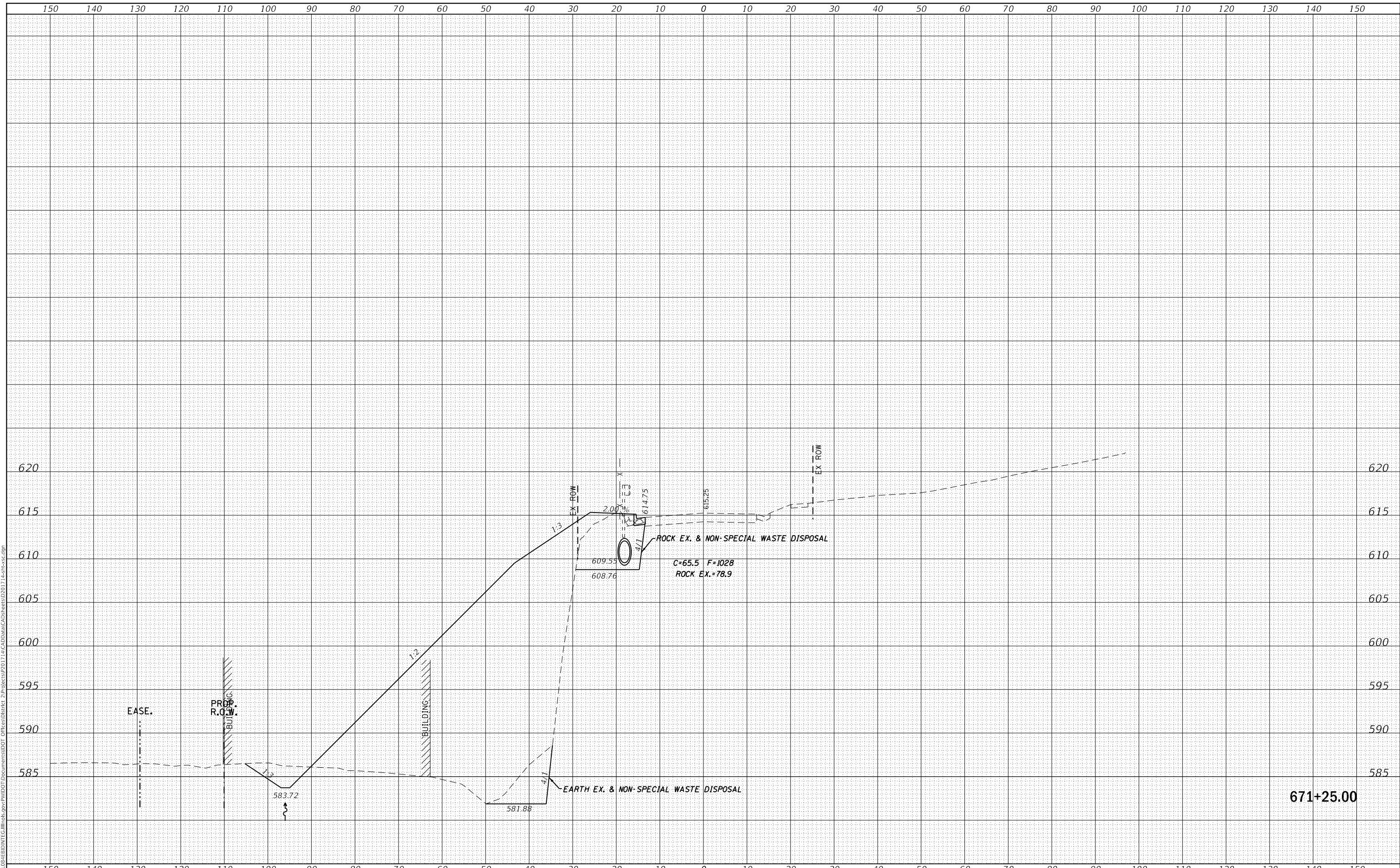
SCALE: SHEET OF SHEETS STA. 671+00.00 TO STA. 671+00.00

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|---------------------------|--------------|--------------------|------------------|---------------|
| F.A.P. RTE. 308           | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117 | SHEET NO. 107 |
| CONTRACT NO. 64K06        |              |                    |                  |               |
| ILLINOIS FED. AID PROJECT |              |                    |                  |               |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
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671+25.00

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|--------------|-------------------------|------------|-----------|
| USER NAME =  | cushmanbw               | DESIGNED - | REvised - |
|              |                         | DRAWN -    | REvised - |
| PLOT SCALE = | 20.0000 ' / in.         | CHECKED -  | REvised - |
| PLOT DATE =  | Mar-07-2018 11:36:46 AM | DATE -     | REvised - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 671+25.00 TO STA. 671+25.00

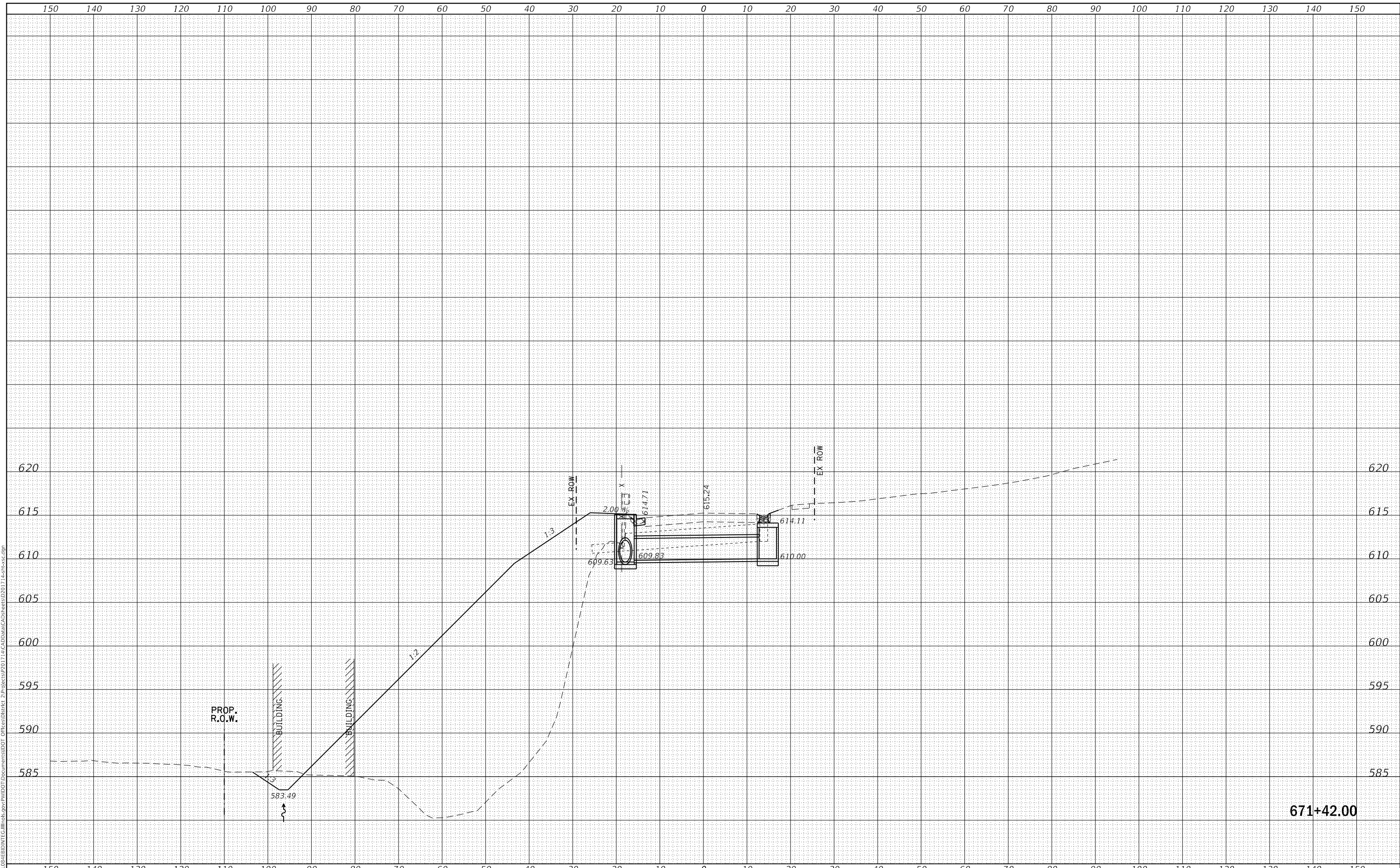
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| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 108       |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |



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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
| NO.              | TEMPLATE      |      |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
| NO.                 | TEMPLATE      |      |
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671+42.00

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|-------------------------------------|------------|-----------|
| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
| PLOT SCALE = 20.0000' / in.         | DRAWN -    | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:46 AM | CHECKED -  | REVISED - |
|                                     | DATE -     | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 84  
 CROSS SECTIONS**

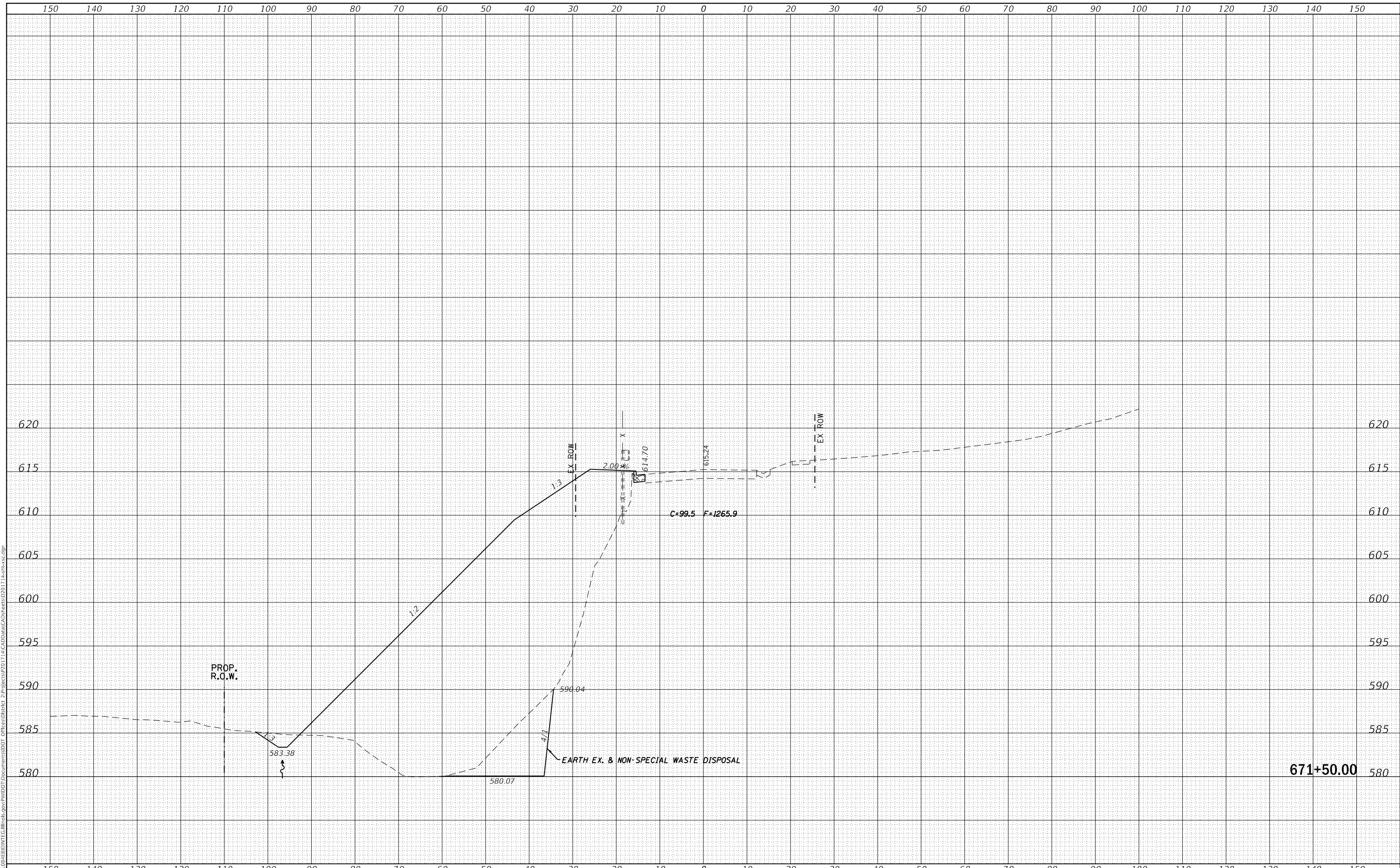
SCALE: SHEET OF SHEETS STA. 671+42.00 TO STA. 671+42.00

|                           |         |             |              |           |
|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 109       |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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

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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
|                     | PLOTTED       |      |
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| USER NAME = cushmanbw               | DESIGNED - | REVISED - |
|                                     | DRAWN -    | REVISED - |
| PLOT SCALE = 20.0000 ' / in.        | CHECKED -  | REVISED - |
| PLOT DATE = Mar-07-2018 11:36:47 AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 671+50.00 TO STA. 671+50.00

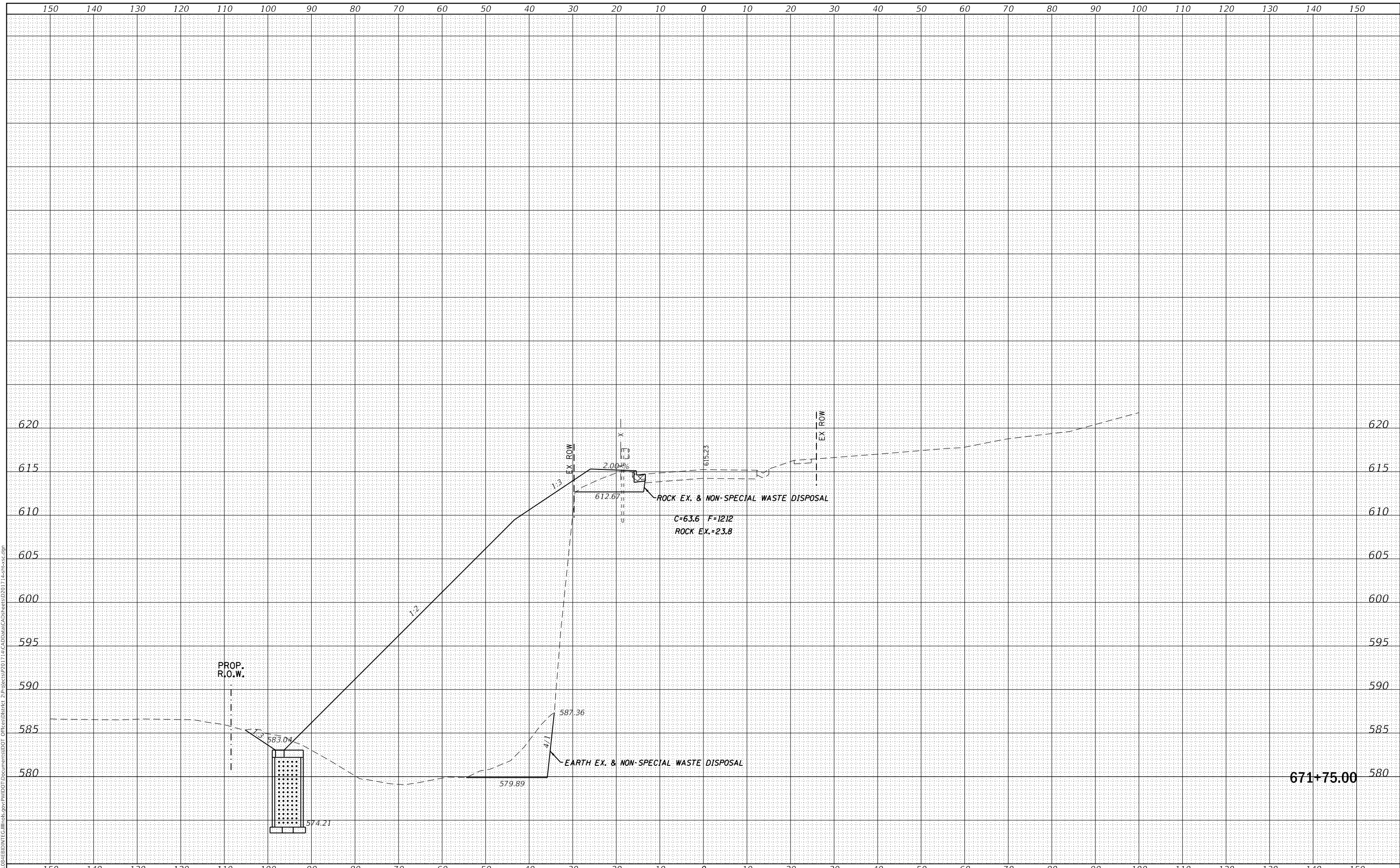
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| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 110 |
|                 |              |                    | CONTRACT NO. 64K06 |               |
|                 |              | ILLINOIS           | FED. AID PROJECT   |               |



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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
| NO.              | TEMPLATE      |      |
|                  | AREAS CHECKED |      |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
| NO.                 | TEMPLATE      |      |
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| USER NAME =  | cushmanbw               | DESIGNED - | REVISD - |
|              |                         | DRAWN -    | REVISD - |
| PLOT SCALE = | 20.0000 ' / in.         | CHECKED -  | REVISD - |
| PLOT DATE =  | Mar-07-2018 11:36:47 AM | DATE -     | REVISD - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

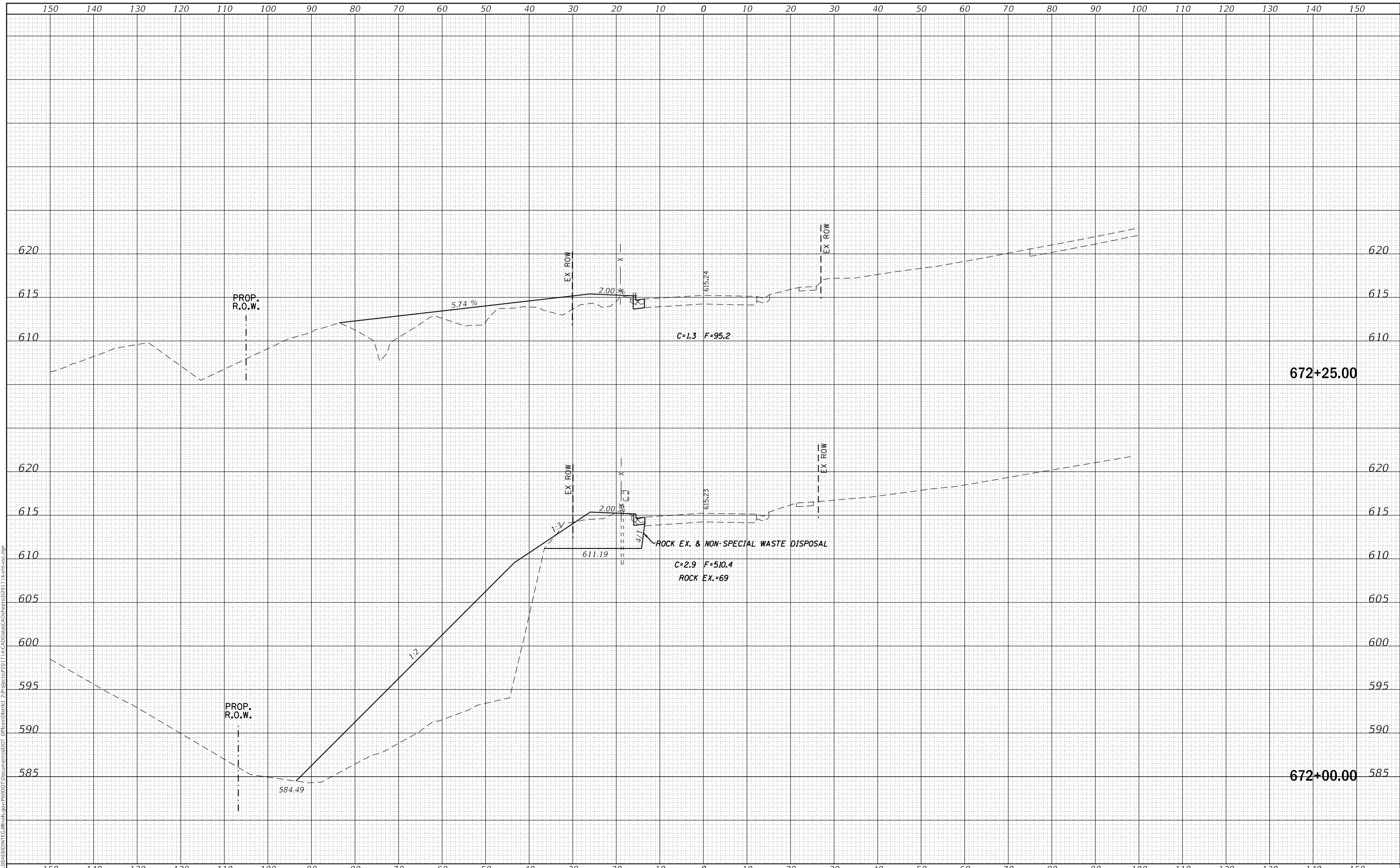
SCALE: SHEET OF SHEETS STA. 671+75.00 TO STA. 671+75.00

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|---------------------------|---------|-------------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 308                       | 111R    | ROCK ISLAND | 117          | 111       |
| CONTRACT NO. 64K06        |         |             |              |           |
| ILLINOIS FED. AID PROJECT |         |             |              |           |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
| AREAS CHECKED    | TEMPLATE      |      |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
| AREAS CHECKED       | TEMPLATE      |      |
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

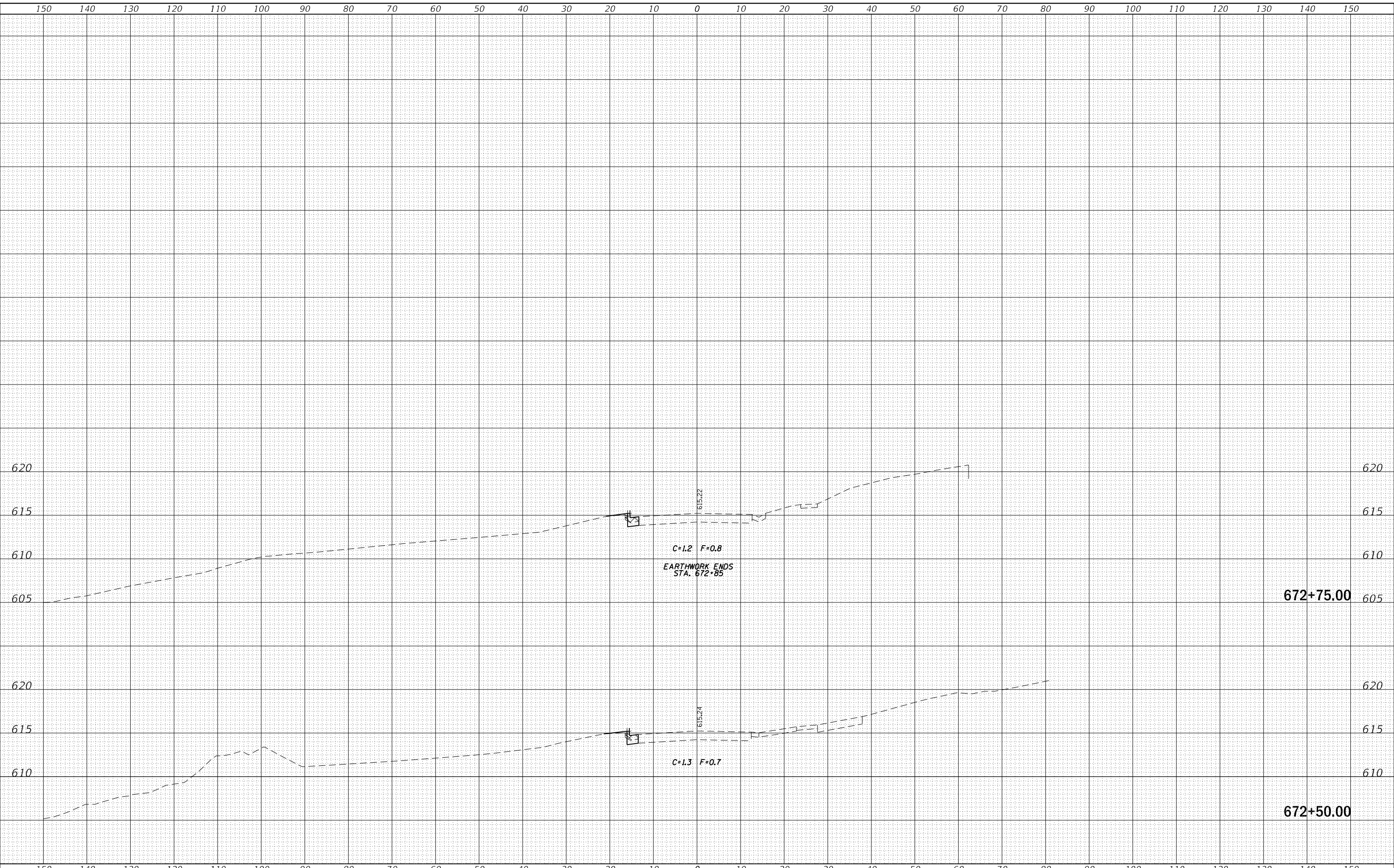
SCALE: SHEET OF SHEETS STA. 672+00.00 TO STA. 672+25.00

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| F.A.P. RTE. 308    | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117          | SHEET NO. 112 |
| CONTRACT NO. 64K06 |              |                    | ILLINOIS FED. AID PROJECT |               |

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| FINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK        | PLOTTED       | BY   |
| AREAS CHECKED    | TEMPLATE      |      |
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| ORIGINAL SURVEY NO. | SURVEYED      | DATE |
| NOTE BOOK           | PLOTTED       | BY   |
| AREAS CHECKED       | TEMPLATE      |      |
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|                                     | DRAWN -    | REVISED - |
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 84  
CROSS SECTIONS**

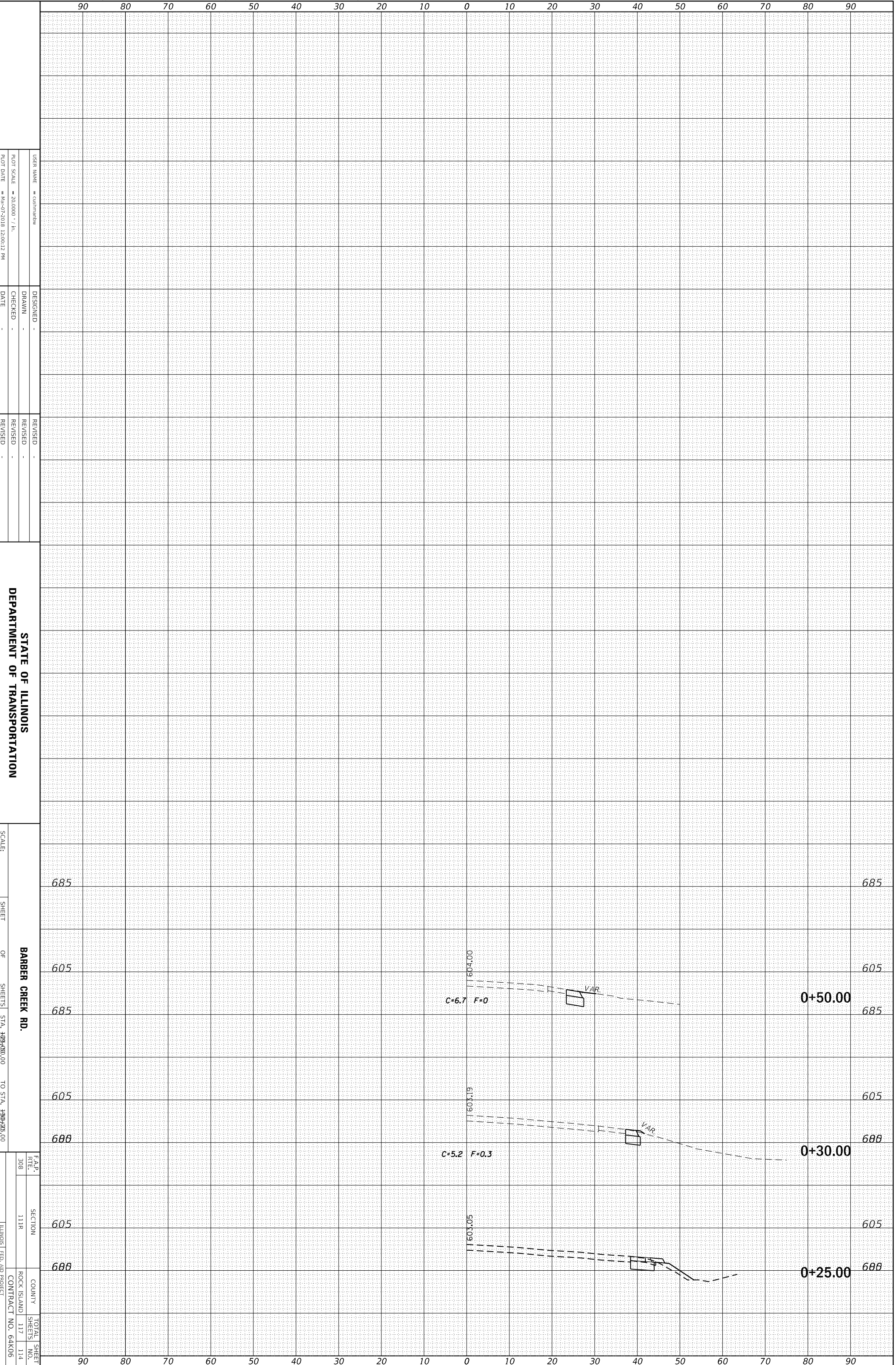
SCALE: SHEET OF SHEETS STA. 672+50.00 TO STA. 672+75.00

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|-----------------|--------------|--------------------|--------------------|---------------|
| F.A.P. RTE. 308 | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117   | SHEET NO. 113 |
|                 |              |                    | CONTRACT NO. 64K06 |               |
|                 |              | ILLINOIS           | FED. AID PROJECT   |               |

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| ORIGINAL SURVEY | SURVEYED _____      | BY _____ | DATE _____ |
| NOTE BOOK       | PLOTTED _____       |          |            |
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|                 | AREAS CHECKED _____ |          |            |

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| FINAL SURVEY | SURVEYED _____      | BY _____ | DATE _____ |
| NOTE BOOK    | PLOTTED _____       |          |            |
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

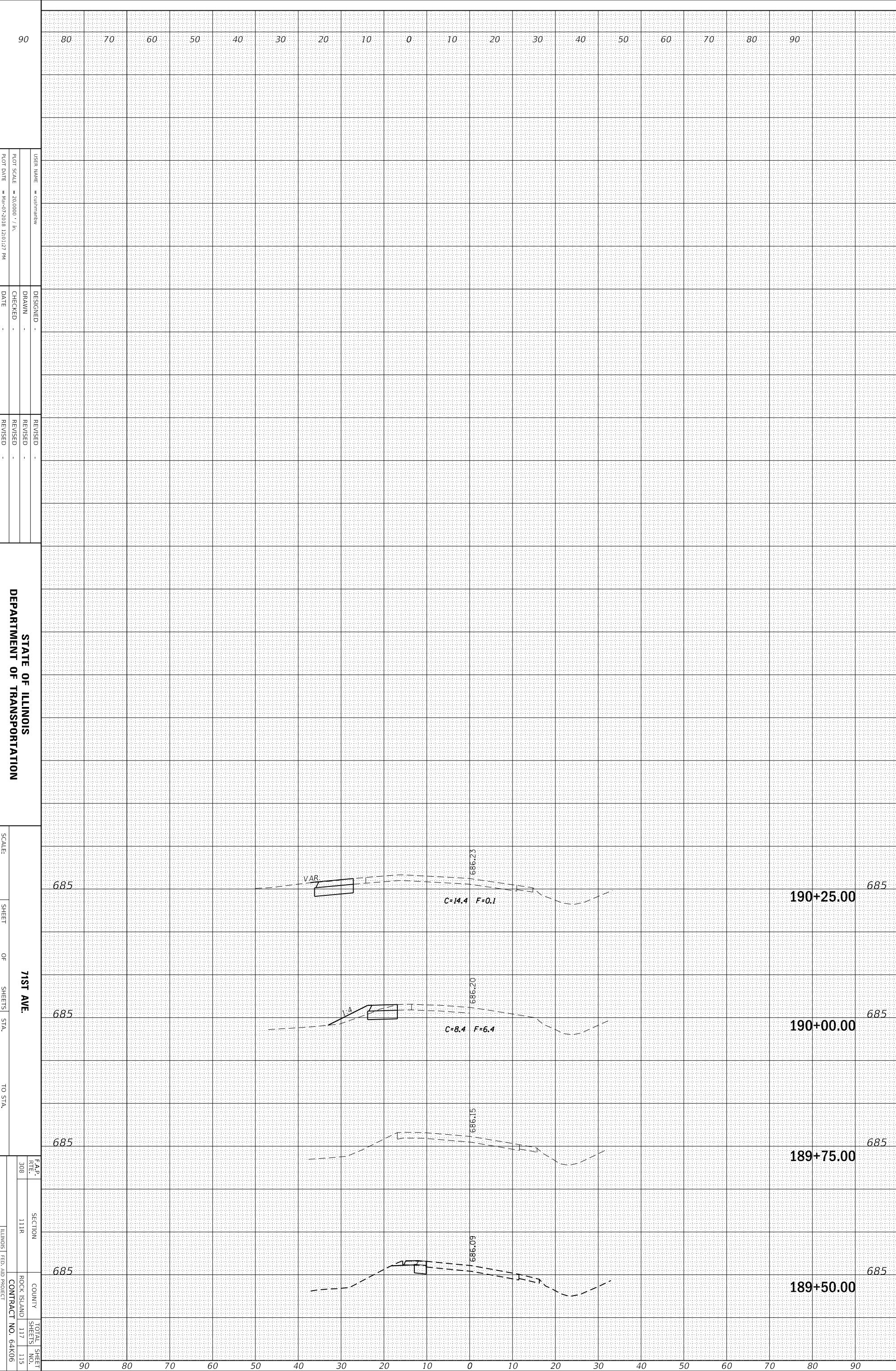
SCALE: SHEET OF SHEETS STA. 105+00.00 TO STA. 150+00.00  
**BARBER CREEK RD.**

F.A.R. RTEL. 308 SECTION 111R COUNTY ROCK ISLAND TOTAL SHEET SHEETS 117 NO. 114 ILLINOIS FED. AID PROJECT CONTRACT NO. 64K06

|                 |                     |          |            |
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| ORIGINAL SURVEY | SURVEYED _____      | BY _____ | DATE _____ |
| NOTE BOOK       | PLOTTED _____       |          |            |
|                 | TEMPLATE _____      |          |            |
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| NO. _____       |                     |          |            |

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| FINAL SURVEY | SURVEYED _____      | BY _____ | DATE _____ |
| NOTE BOOK    | PLOTTED _____       |          |            |
|              | TEMPLATE _____      |          |            |
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

71ST AVE.  
SCALE: \_\_\_\_\_  
SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS  
STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

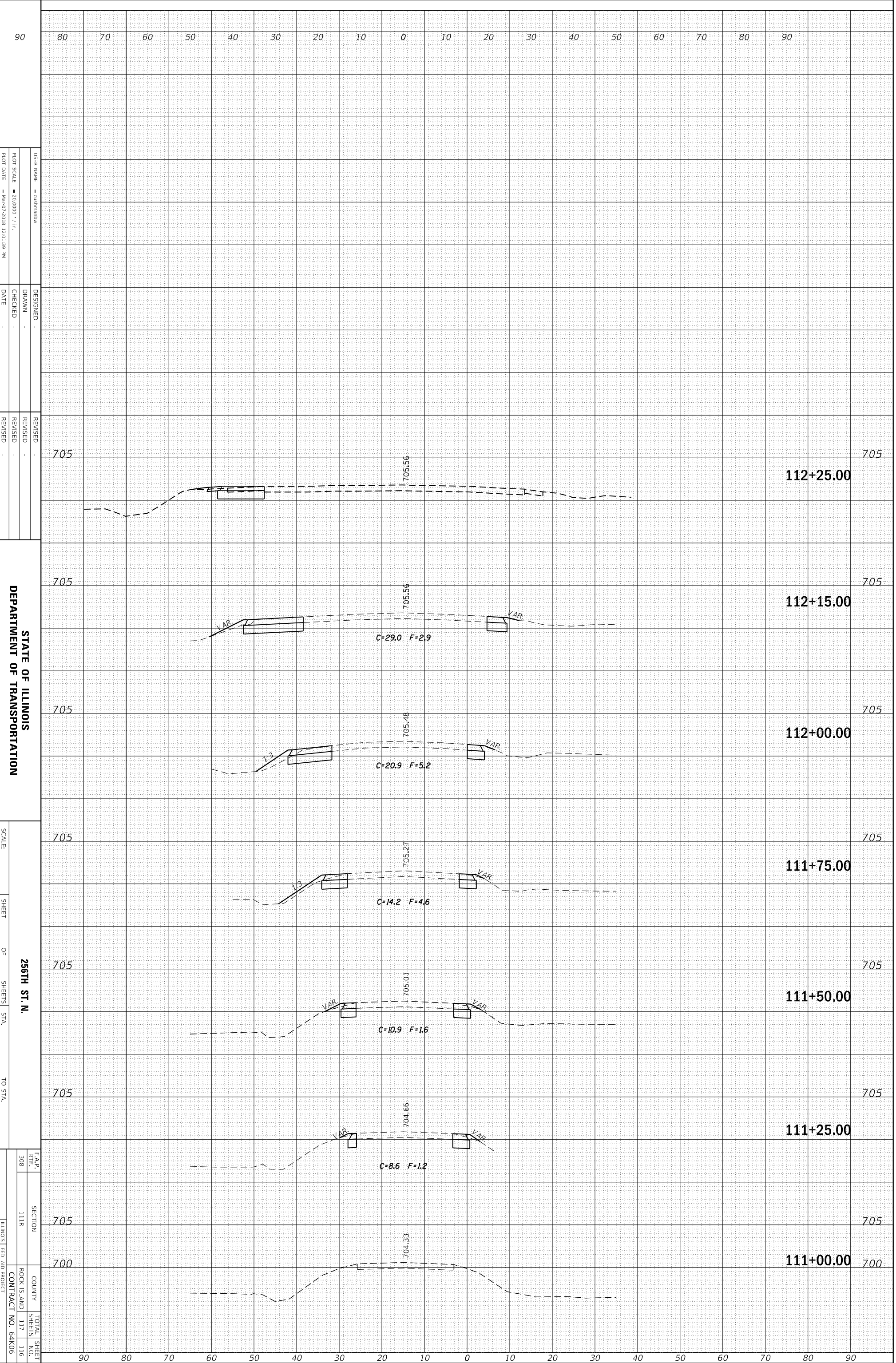
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| F.A.R. RTEL. 308          | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117 |
|                           |              | CONTRACT NO. 64K06 | SHEETS NO. 115   |
| ILLINOIS FED. AID PROJECT |              |                    |                  |



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| ORIGINAL SURVEY | SURVEYED _____      | BY _____ | DATE _____ |
| NOTE BOOK       | PLOTTED _____       |          |            |
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| FINAL SURVEY | SURVEYED _____      | BY _____ | DATE _____ |
| NOTE BOOK    | PLOTTED _____       |          |            |
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USER NAME = qushmshw  
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 PLOT DATE = Mar-07-2018 12:01:39 PM

DESIGNED -  
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 CHECKED -  
 DATE -

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

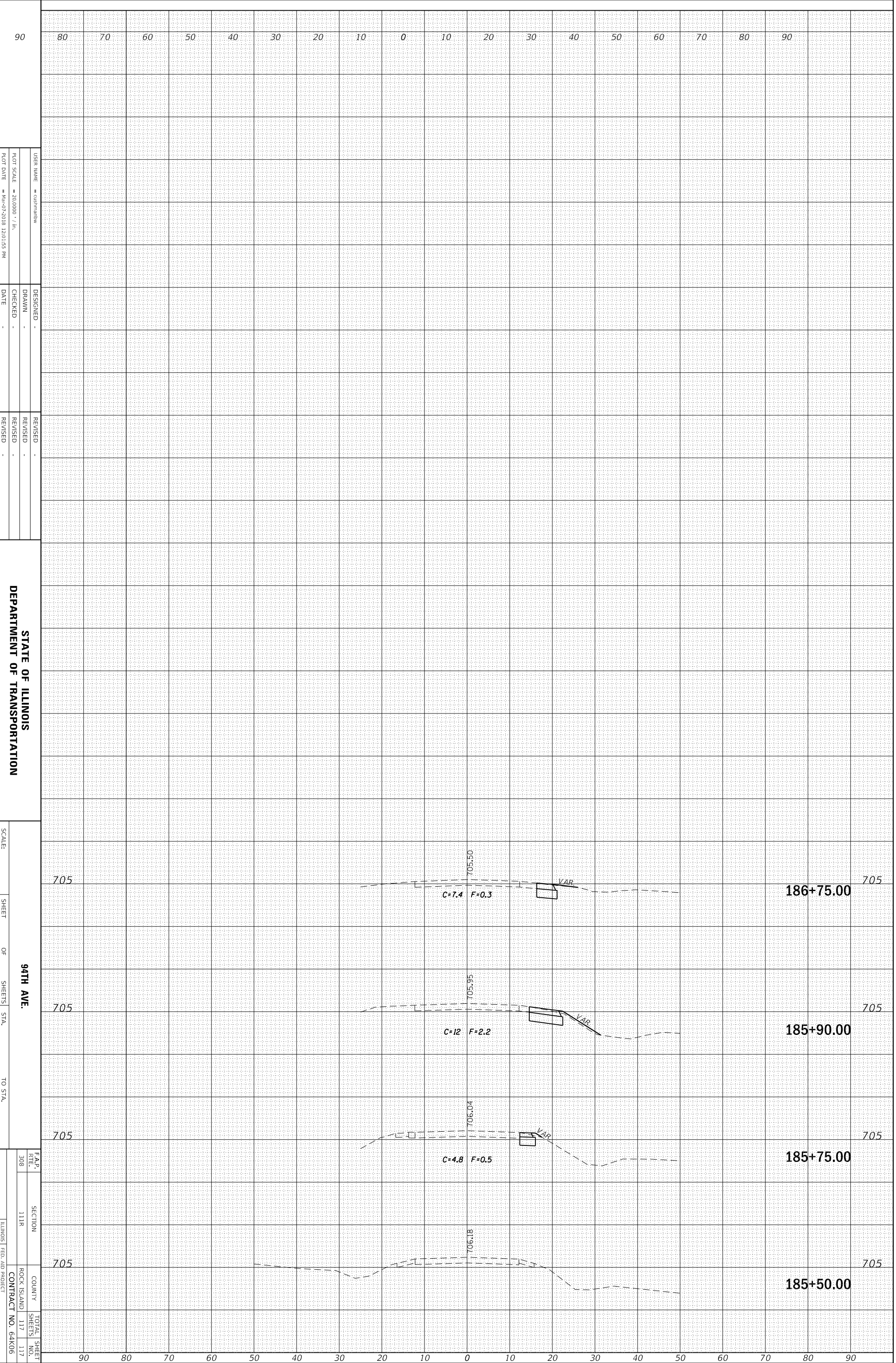
SCALE: \_\_\_\_\_  
 SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS  
 STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.R. RFL. 308  
 SECTION 111R  
 COUNTY ROCK ISLAND  
 SHEETS 117, 116  
 TOTAL SHEETS 117  
 ILLINOIS FED. AID PROJECT CONTRACT NO. 64K06

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| ORIGINAL SURVEY | SURVEYED _____      | BY _____ | DATE _____ |
| NOTE BOOK       | PLOTTED _____       |          |            |
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| FINAL SURVEY | SURVEYED _____      | BY _____ | DATE _____ |
| NOTE BOOK    | PLOTTED _____       |          |            |
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| 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: \_\_\_\_\_  
 SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS  
 STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

|                  |              |                    |                  |
|------------------|--------------|--------------------|------------------|
| F.A.R. RITE. 308 | SECTION 111R | COUNTY ROCK ISLAND | TOTAL SHEETS 117 |
|                  |              | CONTRACT NO. 64K06 |                  |

ILLINOIS FED. AID PROJECT