

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**

| F.A.P. RTE. | SECTION          | COUNTY   | TOTAL SHEETS       | SHEET NO. |
|-------------|------------------|----------|--------------------|-----------|
| 721         | (113RS-4, 124RS) | DEWITT   | 153                | 1         |
|             |                  | ILLINOIS | CONTRACT NO. 70660 |           |

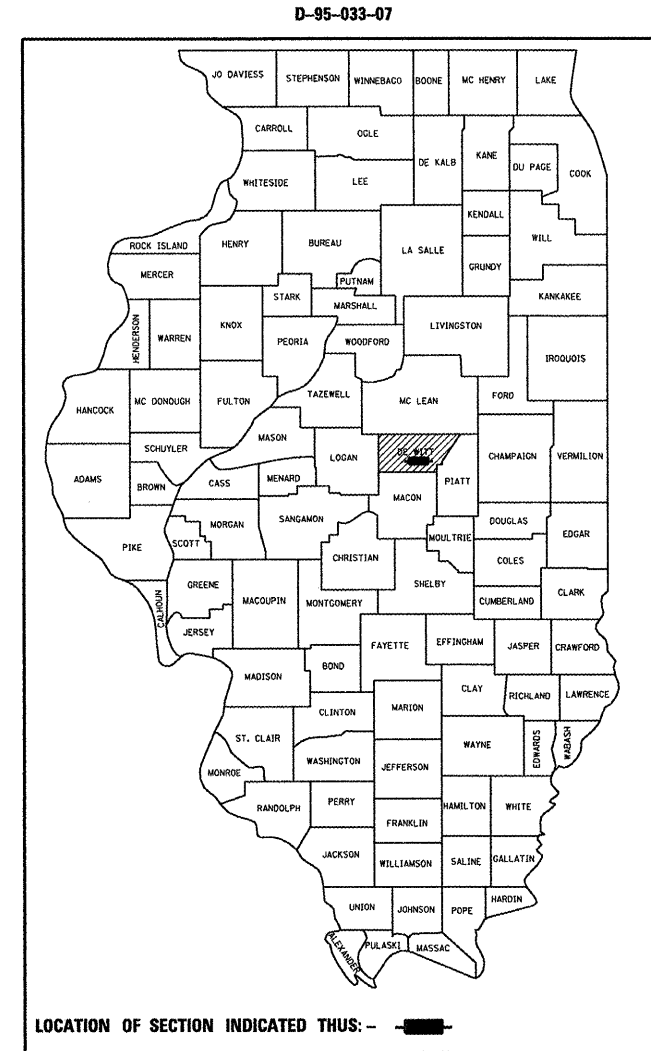
FOR INDEX OF SHEETS, SEE SHEET NO. 2  
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-7

**STRUCTURE INFORMATION**

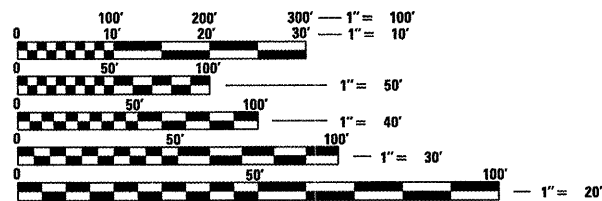
| S.N.             | SCOPE OF WORK       |
|------------------|---------------------|
| 020-8042 (PROP.) | CULVERT REPLACEMENT |
| 020-8028         | HMA RESURFACING     |
| 020-8043         | HMA RESURFACING     |
| 020-8029         | HMA RESURFACING     |
| 020-0062         | OMISSION            |
| 020-8030         | HMA RESURFACING     |
| 020-8031         | HMA RESURFACING     |

**F.A.P. ROUTE 721 (IL 10)**  
**SECTION (113RS-4, 124RS)**  
**PROJECT F-0721(078)**  
**RESURFACING (3P)**  
**DEWITT COUNTY**  
**E.C.L. OF CLINTON TO IL. 48**

C-95-033-07



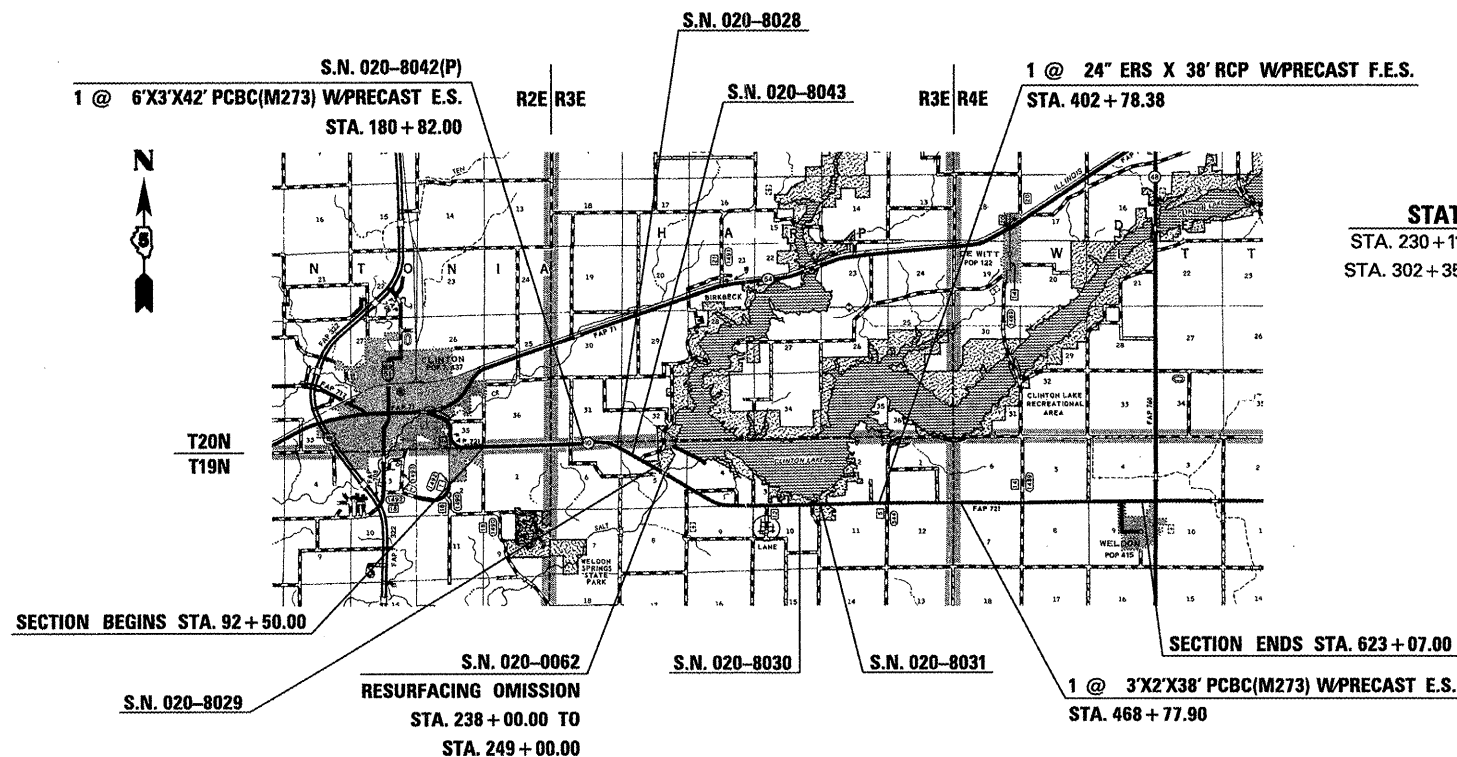
**CURRENT ADT**  
 MINOR ARTERIAL  
 FAP 721 (IL 10) = 1600 (2010)  
 SU = 8.0% MU = 6.1%



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 TOWNSHIPS: CLINTONIA, TEXAS, HARP, CREEK, NIXON  
 OR 811

**PROJECT ENGINEER: NANCY FASIG**  
**SQUAD LEADER: STEVE COOMBS**  
**DESIGNER: BEN OGLE**  
 (217) 465-4181  
**CONTRACT NO. 70660**



**STATION EQUATIONS**  
 STA. 230+11.82 BK = 230+21.51 AH  
 STA. 302+35.00 BK = 286+01.80 AH

GROSS LENGTH = 54,680.51 FT. = 10.356 MILE  
 NET LENGTH = 53580.51 FT. = 10.148 MILE

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED 2/4 20 11  
*Joseph A. Owen*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 25 20 11  
*Scott E. Stitt P.E.*  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

March 25 20 11  
*Christine M. Reed*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

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## LIST OF HIGHWAY STANDARDS

| STANDARD  | DESCRIPTION   |
|-----------|---|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                                |
| 001001-02 | AREAS OF REINFORCEMENT BARS   |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT  |
| 280001-05 | TEMPORARY EROSION CONTROL SYSTEMS   |
| 406201-01 | MAILBOX TURNOUT   |
| 442201-03 | CLASS C AND D PATCHES   |
| 515001-03 | NAME PLATE FOR BRIDGES  |
| 542306-02 | PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION.                  |
| 630001-09 | STEEL PLATE BEAM GUARDRAIL  |
| 630301-05 | SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS                  |
| 631011-07 | TRAFFIC BARRIER TERMINAL, TYPE 2  |
| 635001-01 | DELINEATORS   |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT                                     |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS                                       |
| 667101-01 | PERMANENT SURVEY MARKERS  |
| 701001-02 | OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY                     |
| 701006-03 | OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (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                                 |
| 701306-03 | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH  |
| 701311-03 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY                          |
| 701201-04 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH                         |
| 701901-01 | TRAFFIC CONTROL DEVICES   |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS                             |
| 780001-02 | TYPICAL PAVEMENT MARKINGS   |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS                     |

|   |                             |            |           |   |  |                           |                  |        |                 |              |  |
|---|-----------------------------|------------|-----------|---|--|---------------------------|------------------|--------|-----------------|--------------|--|
| FILE NAME *                             | USER NAME *                 | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>INDEX OF SHEETS &amp; LIST OF HIGHWAY STANDARDS</b> | F.A.P.<br>RTE.            | SECTION          | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |  |
| ct:\pwwork\pwwork\coombessf\d0106513\05 | 0660-sht-gennote.dgn        | DRAWN -    | REVISED - |   |  | 721                       | (113RS-4, 124RS) | DEWITT | 153             | 2            |  |
|   | PLOT SCALE = 40,0000' / IN. | CHECKED -  | REVISED - |   |  | CONTRACT NO. 70660        |                  |        |                 |              |  |
|   | PLOT DATE = 2/3/2011        | DATE -     | REVISED - |   |  | ILLINOIS FED. AID PROJECT |                  |        |                 |              |  |
|   |                             |            |           |   | SCALE:   | SHEET NO.                 | OF               | SHEETS | STA.            | TO STA.      |  |

## GENERAL NOTES

G.N.-100  
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-105.09A  
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-107.31  
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

G.N.-280 (SPL)  
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.

G.N.-406  
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406.05b  
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406.07  
THE BOTTOM LIFT OF THE HOT-MIX ASPHALT SAFETY SHOULDER SHALL BE COMPACTED TO A MINIMUM OF 85% OF THE THEORETICAL MAXIMUM DENSITY.

G.N.-406H

### MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| Location(s):                                | IL 10                | IL 10            | IL 10  |
|---|----------------------|------------------|--|
| Mixture Use(s):                             | SURFACE / INCIDENTAL | LEVEL BINDER     | PARTIAL DEPTH & CLASS D PATCHING, BASE COURSE WIDENING |
| AC/PG:                                      | PG 64-22             | PG64-22          | PG64-22  |
| RAP %: (Max)**                              | 15%                  | 25%              | 25%  |
| Design Air Voids:                           | 4.0% @ Ndes = 50     | 4.0% @ Ndes = 50 | 4.0% @ Ndes = 50                                       |
| Mixture Composition:<br>(Gradation Mixture) | IL 9.5               | IL 9.5 FG        | IL 19.0  |
| Friction Aggregate:                         | MIX C                | MIX C            | N.A.   |

G.N.-442B -- PATCHING SCHEDULES  
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-540  
THE CONTRACTOR SHALL ASSEMBLE AND MATCH-MARK THE PRECAST BOX CULVERT SECTIONS AND END SECTIONS PRIOR TO SHIPMENT OF THESE COMPONENTS FROM THE MANUFACTURER, AND AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER FIT ON EACH JOINT. ANY SECTIONS OR END SECTIONS WHICH DO NOT PROVIDE A PROPER FIT AT THE JOINT SHALL BE REJECTED BY THE ENGINEER AND REPLACED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION BEING ALLOWED.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED.

G.N.-542  
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

|  |                             |            |           |   |                      |                           |                  |              |              |           |  |
|--|-----------------------------|------------|-----------|---|----------------------|---------------------------|------------------|--------------|--------------|-----------|--|
| FILE NAME *                            | USER NAME = coombessf       | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>GENERAL NOTES</b> | F.A.P. RTE.               | SECTION          | COUNTY       | TOTAL SHEETS | SHEET NO. |  |
| es:\pwwork\pwwid\coombessf\08106513\05 | 0660-shl-gennote.dgn        | DRAWN -    | REVISED - |   |                      | 721                       | (113RS-4, 124RS) | DEWITT       | 153          | 3         |  |
|  | PLOT SCALE = 40.0000' / IN. | CHECKED -  | REVISED - |   |                      | CONTRACT NO. 70660        |                  |              |              |           |  |
|  | PLOT DATE = 2/3/2011        | DATE -     | REVISED - |   |                      | ILLINOIS FED. AID PROJECT |                  |              |              |           |  |
|  |                             |            |           |   | SCALE:               | SHEET NO. OF SHEETS       |                  | STA. TO STA. |              |           |  |

## GENERAL NOTES

G.N.-667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

### NO COMMITMENTS

|  |                            |            |           |   |                      |                |                  |                             |                 |              |
|--|----------------------------|------------|-----------|---|----------------------|----------------|------------------|-----------------------------|-----------------|--------------|
| FILE NAME =                            | USER NAME = coombessf      | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>GENERAL NOTES</b> | F.A.P.<br>RTE. | SECTION          | COUNTY                      | TOTAL<br>SHEETS | SHEET<br>NO. |
| c:\pw_work\p\dot\coombessf\d0106513\05 | 0660-shr-gennote.dgn       | DRAWN -    | REVISED - |   |                      | 721            | (113RS-4, 124RS) | DEWITT                      | 153             | 4            |
|  | PLOT SCALE = 40.0000 / IN. | CHECKED -  | REVISED - |   |                      |                |                  | CONTRACT NO. 70660          |                 |              |
|  | PLOT DATE = 2/3/2011       | DATE -     | REVISED - |   | SCALE:               | SHEET NO.      | OF               | SHEETS                      | STA.            | TO STA.      |
|  |                            |            |           |   |                      |                |                  | [ILLINOIS] FED. AID PROJECT |                 |              |



## SUMMARY OF QUANTITIES

|                         |                       |
|-------------------------|-----------------------|
| LOCATION OF WORK:       | DEWITT CO.            |
|                         | FAP 721 (IL 10)       |
|                         | RURAL TWO LANE        |
| FUNDING BREAKOUT:       | 80 % FED / 20 % STATE |
| CONSTRUCTION TYPE CODE: | 0005                  |
| UNIT                    | QUANTITY              |

| CODE NO.          | DESCRIPTION                              | UNIT   | QUANTITY       |
|-------------------|--|--------|----------------|
| <b>44022051</b>   | PARTIAL DEPTH REMOVAL 8 1/2"             | SQ YD  | <b>4,715.0</b> |
| 20200100          | EARTH EXCAVATION                         | CU YD  | 42.0           |
| 20200500          | EARTH EXCAVATION (WIDENING)              | CU YD  | 131.0          |
| 20400800          | FURNISHED EXCAVATION                     | CU YD  | 99.0           |
| 20700220          | POROUS GRANULAR EMBANKMENT               | CU YD  | 49.0           |
| 20900110          | POROUS GRANULAR BACKFILL                 | CU YD  | 8.0            |
| 21301052          | EXPLORATION TRENCH 52" DEPTH             | FOOT   | 100.0          |
| * 25000210        | SEEDING, CLASS 2A                        | ACRE   | 0.5            |
| * 25000400        | NITROGEN FERTILIZER NUTRIENT             | POUND  | 45.0           |
| * 25000500        | PHOSPHORUS FERTILIZER NUTRIENT           | POUND  | 45.0           |
| * 25000600        | POTASSIUM FERTILIZER NUTRIENT            | POUND  | 45.0           |
| * 25100115        | MULCH, METHOD 2                          | ACRE   | 0.5            |
| * 25100630        | EROSION CONTROL BLANKET                  | SQ YD  | 531.0          |
| 28000250          | TEMPORARY EROSION CONTROL SEEDING        | POUND  | 50.0           |
| 28000400          | PERIMETER EROSION BARRIER                | FOOT   | 3,575.0        |
| 28000500          | INLET <sup>AND</sup> PIPE PROTECTION     | EACH   | 1.0            |
| 28100107          | STONE RIPRAP, CLASS A4                   | SQ YD  | 168.0          |
| 28200200          | FILTER FABRIC                            | SQ YD  | 168.0          |
| 35600712          | HOT-MIX ASPHALT BASE COURSE WIDENING, 9" | SQ YD  | 522.0          |
| 40600100          | BITUMINOUS MATERIALS (PRIME COAT)        | GALLON | 29,384.0       |
| 40600300          | AGGREGATE (PRIME COAT)                   | TON    | 588.0          |
| 40600895          | CONSTRUCTING TEST STRIP                  | EACH   | 1.0            |
| 40600990          | TEMPORARY RAMP                           | SQ YD  | 58.0           |
| * SPECIALTY ITEMS |  |        |                |

|   |                             |            |           |   |                              |                    |                  |        |                 |              |         |
|---|-----------------------------|------------|-----------|---|------------------------------|--------------------|------------------|--------|-----------------|--------------|---------|
| FILE NAME *                             | USER NAME * coombessf       | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b> | F.A.P.<br>RTE.     | SECTION          | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |         |
| ct:\pw_work\pwidot\coombessf\0106513\05 | 0660-sht-500.dgn            | DRAWN -    | REVISED - |   |                              | 721                | (113RS-4, 124RS) | DEWITT | 153             | 5            |         |
|   | PLOT SCALE * 40.0000' / IN. | CHECKED -  | REVISED - |   |                              | CONTRACT NO. 70660 |                  |        |                 |              |         |
|   | PLOT DATE * 2/3/2011        | DATE -     | REVISED - |   |                              | SCALE:             | SHEET NO.        | OF     | SHEETS          | STA.         | TO STA. |

## SUMMARY OF QUANTITIES

LOCATION OF WORK: DEWITT CO.  
 FAP 721 (IL 10)  
 RURAL TWO LANE  
 80 % FED / 20 % STATE  
 0005  
 FUNDING BREAKOUT:  
 CONSTRUCTION TYPE CODE: 0005  
 UNIT QUANTITY

| CODE NO.          | DESCRIPTION  | UNIT   | QUANTITY  |
|-------------------|--|--------|-----------|
| 40603310          | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50                               | TON    | 13,086.0  |
| 40800010          | BITUMINOUS MATERIALS (PRIME COAT)  | GALLON | 558.0     |
| 40800030          | AGGREGATE (PRIME COAT)   | TON    | 12.0      |
| 40800050          | INCIDENTAL HOT-MIX ASPHALT SURFACING                                       | TON    | 469.0     |
| 44000155          | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"                                    | SQ YD  | 137,756.0 |
| 44000158          | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"                                    | SQ YD  | 17,283.0  |
| 44201815          | CLASS D PATCHES, TYPE II, 14 INCH  | SQ YD  | 29.0      |
| 44201819          | CLASS D PATCHES, TYPE III, 14 INCH   | SQ YD  | 44.0      |
| 44201821          | CLASS D PATCHES, TYPE IV, 14 INCH  | SQ YD  | 58.0      |
| 48102100          | AGGREGATE WEDGE SHOULDER, TYPE B   | TON    | 2,406.0   |
| 50100300          | REMOVAL OF EXISTING STRUCTURES NO. 1                                       | EACH   | 1.0       |
| 50100400          | REMOVAL OF EXISTING STRUCTURES NO. 2                                       | EACH   | 1.0       |
| 50100500          | REMOVAL OF EXISTING STRUCTURES NO. 3                                       | EACH   | 1.0       |
| 51500100          | NAME PLATES  | EACH   | 1.0       |
| 54001001          | BOX CULVERT END SECTION, CULVERT NO. 1                                     | EACH   | 2.0       |
| 54001003          | BOX CULVERT END SECTION, CULVERT NO. 3                                     | EACH   | 2.0       |
| 54020302          | PRECAST CONCRETE BOX CULVERT 3' X 2' (M273)                                | FOOT   | 38.0      |
| 54020603          | PRECAST CONCRETE BOX CULVERT 6' X 3' (M273)                                | FOOT   | 42.0      |
| 54214509          | PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24" | EACH   | 2.0       |
| 542A5479          | PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND - SIZE 24"                 | FOOT   | 38.0      |
| * 63000001        | STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS                          | FOOT   | 3,462.5   |
| * 63100045        | TRAFFIC BARRIER TERMINAL, TYPE 2   | EACH   | 5.0       |
| * 63100167        | TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT                          | EACH   | 8.0       |
| * SPECIALTY ITEMS |  |        |           |

|  |                              |            |           |   |                              |                           |                  |        |              |           |  |
|--|------------------------------|------------|-----------|---|------------------------------|---------------------------|------------------|--------|--------------|-----------|--|
| FILE NAME =                              | USER NAME = coombessf        | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b> | F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |  |
| ct:\pw_work\pvidot\coombessf\d0106513\05 | 0660-shl-S00.dgn             | DRAWN -    | REVISED - |   |                              | 721                       | (113RS-4, 124RS) | DEWITT | 153          | 6         |  |
|  | PLOT SCALE = 40.0000 / 1 IN. | CHECKED -  | REVISED - |   |                              | CONTRACT NO. 70660        |                  |        |              |           |  |
|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |   |                              | ILLINOIS FED. AID PROJECT |                  |        |              |           |  |
|  |                              |            |           | SCALE:  | SHEET NO. OF SHEETS          | STA. TO STA.              |                  |        |              |           |  |

## SUMMARY OF QUANTITIES

|                   | DESCRIPTION   | LOCATION OF WORK:                            | DEWITT CO.<br>FAP 721 (IL 10)<br>RURAL TWO LANE<br>80 % FED / 20 % STATE |
|-------------------|---|--|--|
|                   |   | FUNDING BREAKOUT:<br>CONSTRUCTION TYPE CODE: | 0005   |
|                   |   | UNIT   | QUANTITY   |
| *                 | 63100169 TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) FLARED | EACH   | 21.0   |
|                   | 63200310 GUARDRAIL REMOVAL                                | FOOT   | 3,645.0  |
| *                 | 63300725 STEEL PLATE BEAM GUARD RAIL (SHORT RADIUS)       | FOOT   | 125.0  |
|                   | 63500105 DELINEATORS                                      | EACH   | 6.0  |
|                   | 67000500 ENGINEER'S FIELD OFFICE, TYPE B                  | CAL MO                                       | 6.0  |
|                   | 67100100 MOBILIZATION                                     | L SUM  | 1.0  |
|                   | 70100450 TRAFFIC CONTROL AND PROTECTION, STANDARD 701201  | L SUM  | 1.0  |
|                   | 70100460 TRAFFIC CONTROL AND PROTECTION, STANDARD 701306  | L SUM  | 1.0  |
|                   | 70300100 SHORT TERM PAVEMENT MARKING                      | FOOT   | 15,487.0   |
|                   | 70300220 TEMPORARY PAVEMENT MARKING - LINE 4"             | FOOT   | 134,678.0  |
|                   | 70301000 WORK ZONE PAVEMENT MARKING REMOVAL               | SQ FT  | 1,769.0  |
| *                 | 78001110 PAINT PAVEMENT MARKING - LINE 4"                 | FOOT   | 134,678.0  |
| *                 | 78100100 RAISED REFLECTIVE PAVEMENT MARKER                | EACH   | 670.0  |
| *                 | 78200410 GUARDRAIL MARKERS, TYPE A                        | EACH   | 69.0   |
| *                 | 78201000 TERMINAL MARKER - DIRECT APPLIED                 | EACH   | 29.0   |
|                   | 78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL        | EACH   | 670.0  |
|                   | X4060627 LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50  | TON  | 5,808.0  |
|                   | X4400196 HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL         | SQ YD  | 5,571.0  |
|                   | X4421000 PARTIAL DEPTH PATCHING                           | TON  | <b>2,179.0</b>   |
|                   | XZ193400 SURVEY MARKER, TYPE 2 (SPECIAL)                  | EACH   | 14.0   |
|                   | Z0023500 FILLING EXISTING CULVERTS                        | CU YD  | 18.0   |
|                   | Z0055300 RUMBLE STRIP                                     | EACH   | 3.0  |
|                   | Z0070100 SURVEY MONUMENT COVER ASSEMBLY                   | EACH   | 4.0  |
| * SPECIALTY ITEMS |   |  |  |

|   |                              |            |           |   |                              |                             |                  |        |                 |              |  |
|---|------------------------------|------------|-----------|---|------------------------------|-----------------------------|------------------|--------|-----------------|--------------|--|
| FILE NAME =                             | USER NAME = coombessf        | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SUMMARY OF QUANTITIES</b> | F.A.P.<br>RTE.              | SECTION          | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |  |
| ct:\pw_work\p\dot\coombessf\d0106513\05 | 0660-sh-t-S00.dgn            | DRAWN -    | REVISED - |   |                              | 721                         | (113RS-4, 124RS) | DEWITT | 153             | 7            |  |
|   | PLOT SCALE = 40.0000 ' / IN. | CHECKED -  | REVISED - |   |                              | CONTRACT NO. 70660          |                  |        |                 |              |  |
|   | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |   |                              | [ILLINOIS] FED. AID PROJECT |                  |        |                 |              |  |

# EXISTING TYPICAL SECTION 1

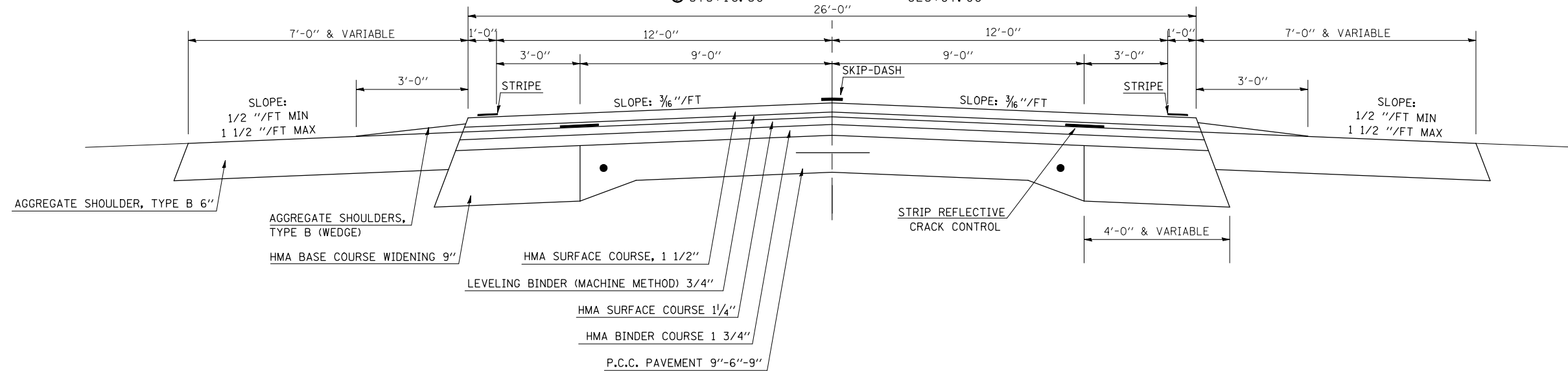
IL 10 FROM E.C.L. OF CLINTON TO IL 48

| STATION              | TO | STATION     |
|----------------------|----|-------------|
| 92+50.00             |    | 133+08.51 ⑥ |
| ⑥ 148+12.89          |    | 189+07.74 ⑥ |
| ② 200+76.87          |    | 228+25.73 ⑥ |
| (OMISSION) 249+00.00 |    | 252+02.44 ② |
| ⑥ 263+47.14          |    | 290+55.30 ④ |
| ④ 286+01.80(AH)      |    | 345+62.66 ⑥ |
| ⑥ 355+28.37          |    | 360+00.00 ⑥ |
| ⑥ 373+16.50          |    | 623+07.00   |

STATION EQUATION  
230+11.82(BK) = 230+21.51(AH)

STATION EQUATION  
302+35.00(BK) = 286+01.80(AH)

STRUCTURE OMISSION  
238+00.00 TO 249+00.00



# PROPOSED TYPICAL SECTION 1

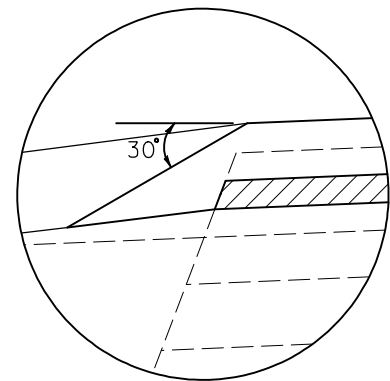
IL 10 FROM E.C.L. OF CLINTON TO IL 48

| STATION              | TO | STATION     |
|----------------------|----|-------------|
| 92+50.00             |    | 133+08.51 ⑥ |
| ⑥ 148+12.89          |    | 189+07.74 ⑥ |
| ② 200+76.87          |    | 228+25.73 ⑥ |
| (OMISSION) 249+00.00 |    | 251+97.53 ② |
| ⑥ 263+47.14          |    | 290+55.30 ④ |
| ④ 286+01.80(AH)      |    | 345+62.66 ⑥ |
| ⑥ 355+28.37          |    | 360+00.00 ⑥ |
| ⑥ 373+16.50          |    | 623+07.00   |

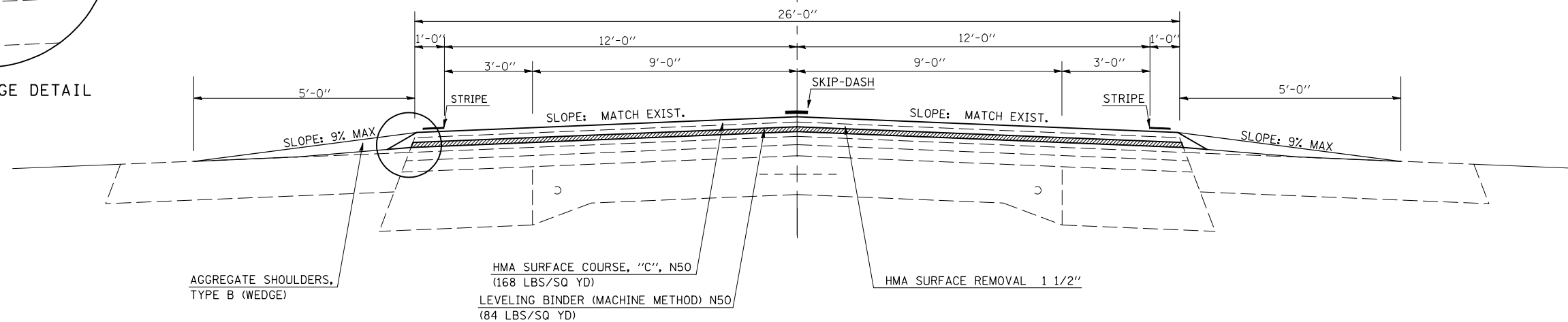
STATION EQUATION  
230+11.82(BK) = 230+21.51(AH)

STATION EQUATION  
302+35.00(BK) = 286+01.80(AH)

STRUCTURE OMISSION  
238+00.00 TO 249+00.00



SAFETY EDGE DETAIL



|   |                       |            |           |   |                              |                  |           |      |             |                           |        |              |           |
|---|-----------------------|------------|-----------|---|------------------------------|------------------|-----------|------|-------------|---------------------------|--------|--------------|-----------|
| FILE NAME =   | USER NAME = coombessf | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TYPICAL CROSS SECTION</b> |                  |           |      | F.A.P. RTE. | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| ct:\pw\work\p\dot\coombessf\d0106513\0570660-sh-typical.dgn |                       | DRAWN -    | REVISED - |   | 721                          | (113RS-4, 124RS) | DEWITT    | 153  | 8           |                           |        |              |           |
| PLOT SCALE = 40.0000' / IN.                                 |                       | CHECKED -  | REVISED - |   | CONTRACT NO. 70660           |                  |           |      |             |                           |        |              |           |
| PLOT DATE = 2/3/2011  |                       | DATE -     | REVISED - |   | SCALE:                       | SHEET NO.        | OF SHEETS | STA. | TO STA.     | ILLINOIS FED. AID PROJECT |        |              |           |

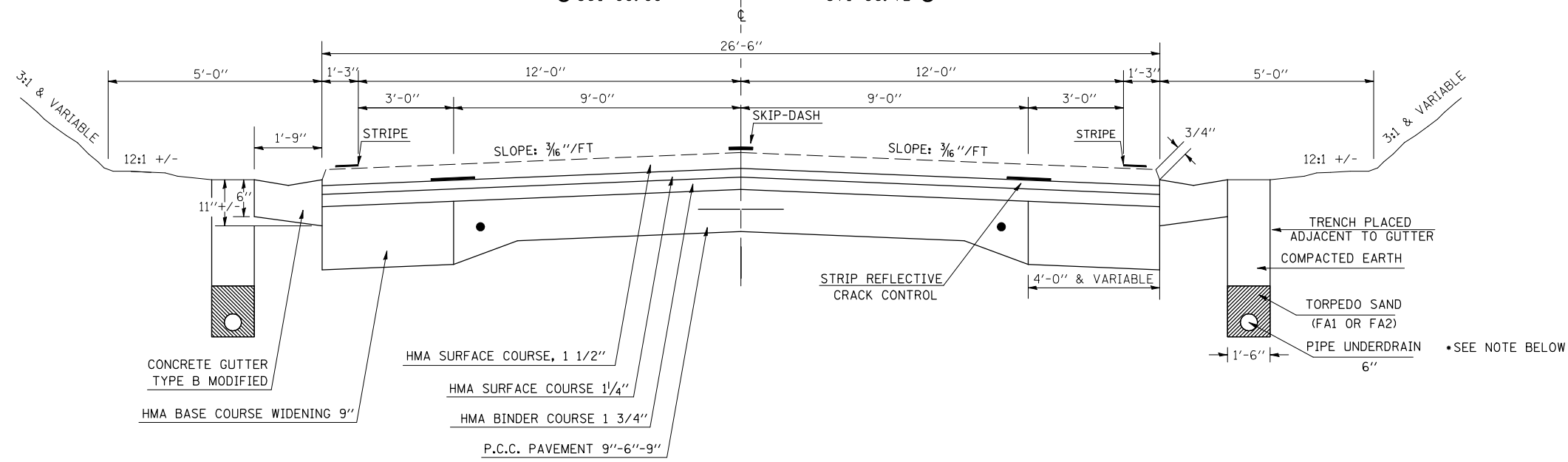
# EXISTING TYPICAL SECTION ②

• NOTE: SUBSURFACE DRAINS AT STATIONS 348+00 (RT) 357+00 (RT)  
 348+00 (LT) 358+00 (LT)  
 359+00 (LT) 371+32 (LT)  
 360+00 (RT) 371+32 (RT)

IL 10 FROM E.C.L. OF CLINTON TO IL 48

| STATION     | TO | STATION              |
|-------------|----|----------------------|
| ② 236+97.94 |    | 238+00.00 (OMISSION) |
| ① 252+02.44 |    | 262+81.13 ②          |
| ③ 346+03.15 |    | 354+25.04 ③          |
| ④ 361+00.00 |    | 371+86.72 ④          |

STRUCTURE OMISSION  
 238+00.00 TO 249+00.00

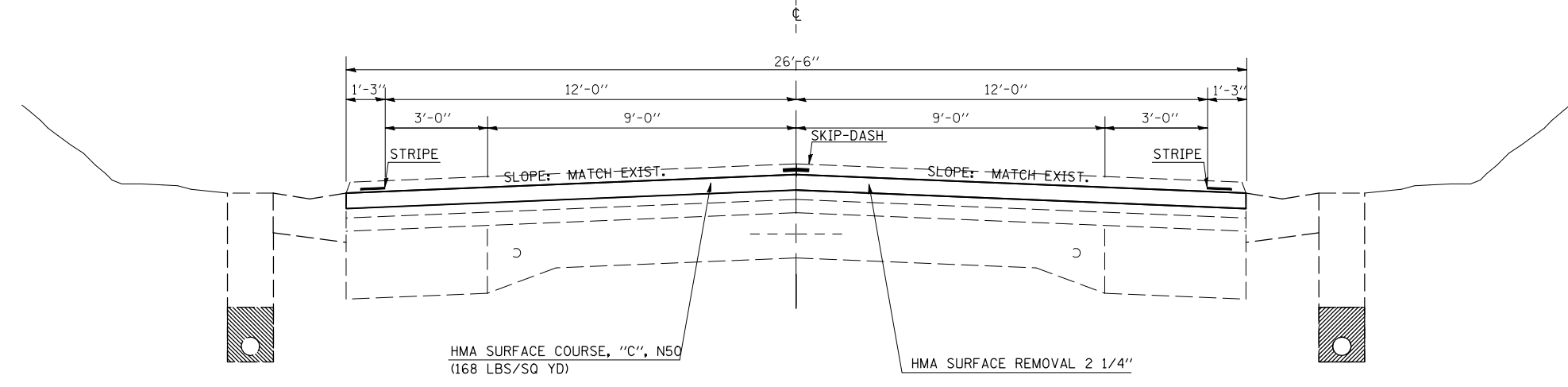


# PROPOSED TYPICAL SECTION ②

STRUCTURE OMISSION  
 238+00.00 TO 249+00.00

IL 10 FROM E.C.L. OF CLINTON TO IL 48

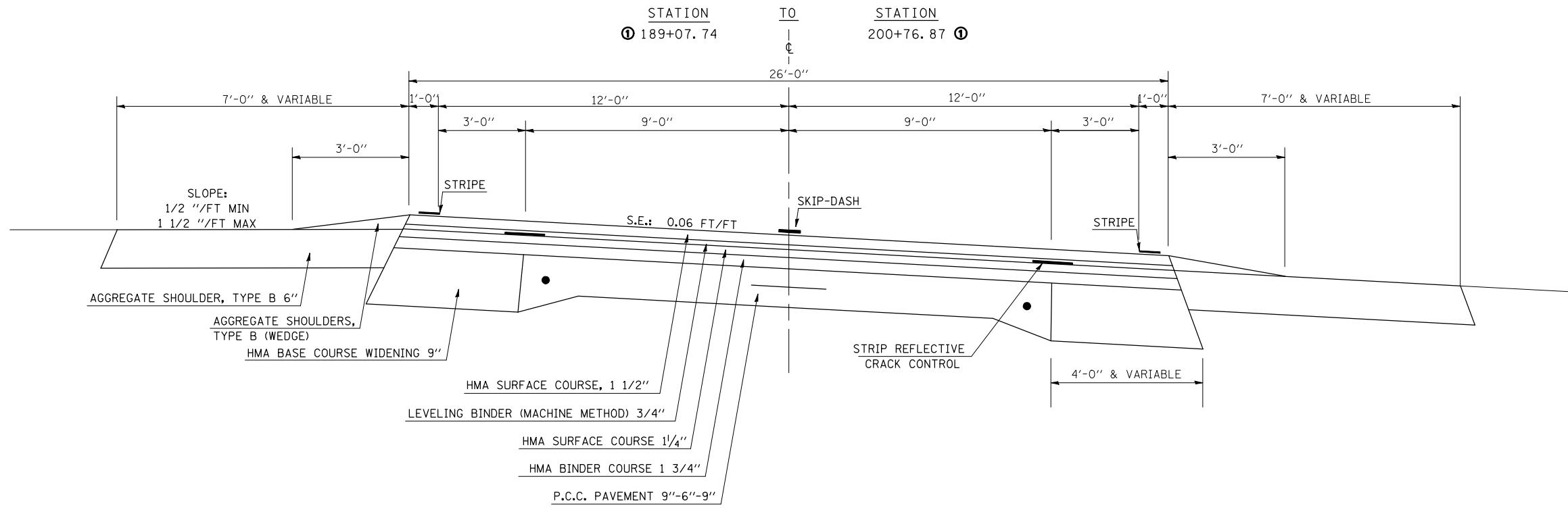
| STATION     | TO | STATION              |
|-------------|----|----------------------|
| ② 236+97.94 |    | 238+00.00 (OMISSION) |
| ① 252+02.44 |    | 262+81.13 ②          |
| ③ 346+03.15 |    | 354+25.04 ③          |
| ④ 361+00.00 |    | 371+86.72 ④          |



|   |                       |            |           |   |                              |           |           |             |                  |                           |              |           |
|---|-----------------------|------------|-----------|---|------------------------------|-----------|-----------|-------------|------------------|---------------------------|--------------|-----------|
| FILE NAME =   | USER NAME = coombessf | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TYPICAL CROSS SECTION</b> |           |           | F.A.P. RTE. | SECTION          | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| ct:\pw\work\p\dot\coombessf\d0106513\0570660-sh\typical.dgn |                       | DRAWN -    | REVISED - |   |                              |           |           | 721         | (113RS-4, 124RS) | DEWITT                    | 153          | 9         |
| PLOT SCALE = 40.0000' / IN.                                 |                       | CHECKED -  | REVISED - |   | CONTRACT NO. 70660           |           |           |             |                  |                           |              |           |
| PLOT DATE = 2/3/2011  |                       | DATE -     | REVISED - |   | SCALE:                       | SHEET NO. | OF SHEETS | STA.        | TO STA.          | ILLINOIS FED. AID PROJECT |              |           |

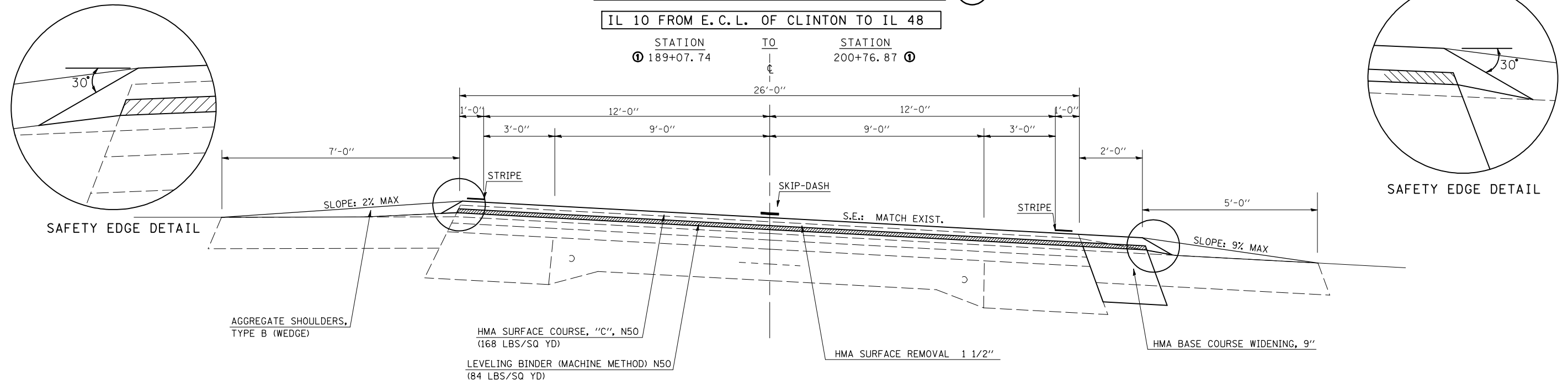
# EXISTING TYPICAL SECTION ③

IL 10 FROM E.C.L. OF CLINTON TO IL 48



# PROPOSED TYPICAL SECTION ③

IL 10 FROM E.C.L. OF CLINTON TO IL 48



|   |                       |            |           |
|---|-----------------------|------------|-----------|
| FILE NAME =   | USER NAME = coombessf | DESIGNED - | REVISED - |
| ct:\pw\work\p\dot\coombessf\d0106513\0570660-sh-typical.dgn |                       | DRAWN -    | REVISED - |
| PLOT SCALE = 40.0000' / IN.                                 |                       | CHECKED -  | REVISED - |
| PLOT DATE = 2/3/2011  |                       | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

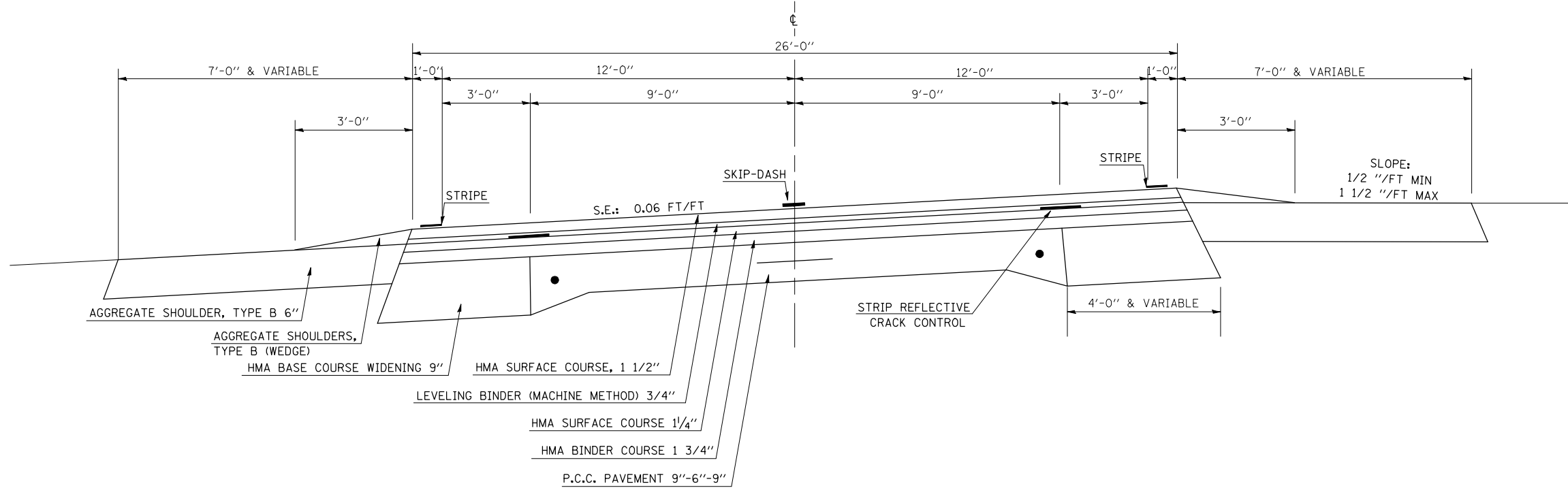
|                           |                  |        |              |           |
|---------------------------|------------------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 10        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

# EXISTING TYPICAL SECTION ④

IL 10 FROM E.C.L. OF CLINTON TO IL 48

STATION TO STATION  
 ① 290+55.30 26'-0" 302+35.00(BK) ①

STATION EQUATION  
 302+35.00(BK) = 286+01.80(AH)

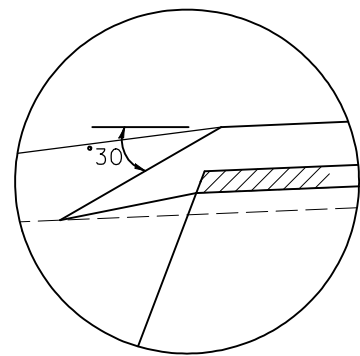


# PROPOSED TYPICAL SECTION ④

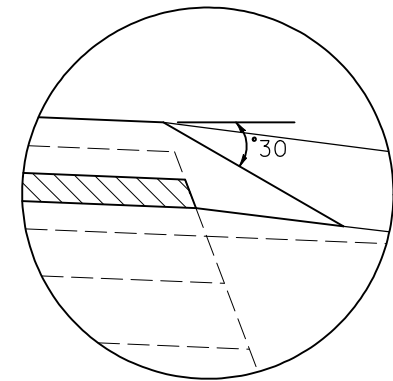
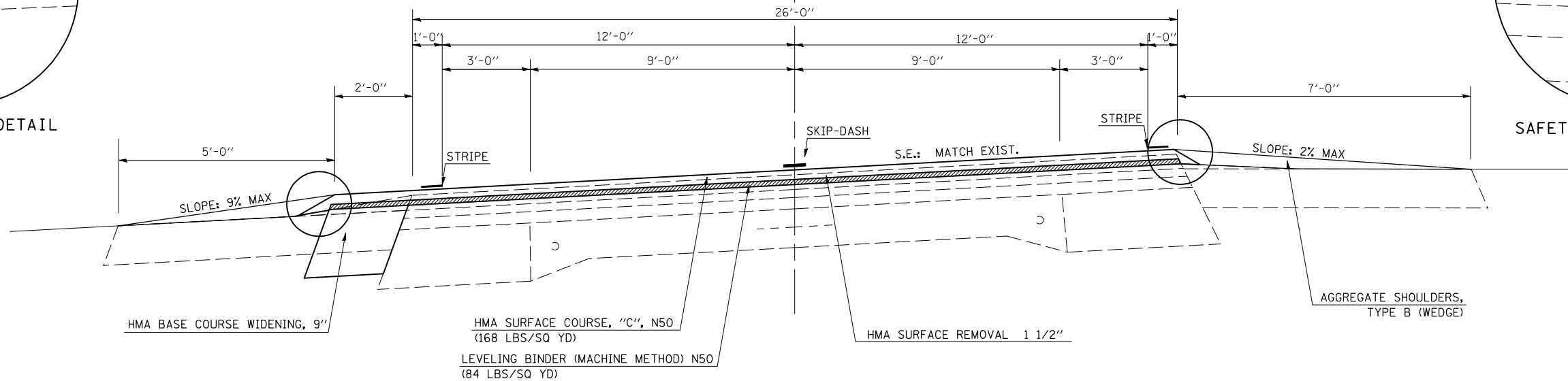
IL 10 FROM E.C.L. OF CLINTON TO IL 48

STATION TO STATION  
 ① 290+55.30 26'-0" 302+35.00(BK) ①

STATION EQUATION  
 302+35.00(BK) = 286+01.80(AH)



SAFETY EDGE DETAIL



SAFETY EDGE DETAIL

|   |                       |            |           |
|---|-----------------------|------------|-----------|
| FILE NAME =   | USER NAME = coombessf | DESIGNED - | REVISED - |
| ct:\pw\work\p\dot\coombessf\d0106513\0570660-sh-typical.dgn |                       | DRAWN -    | REVISED - |
| PLOT SCALE = 40.0000' / IN.                                 |                       | CHECKED -  | REVISED - |
| PLOT DATE = 2/3/2011  |                       | DATE -     | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION

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

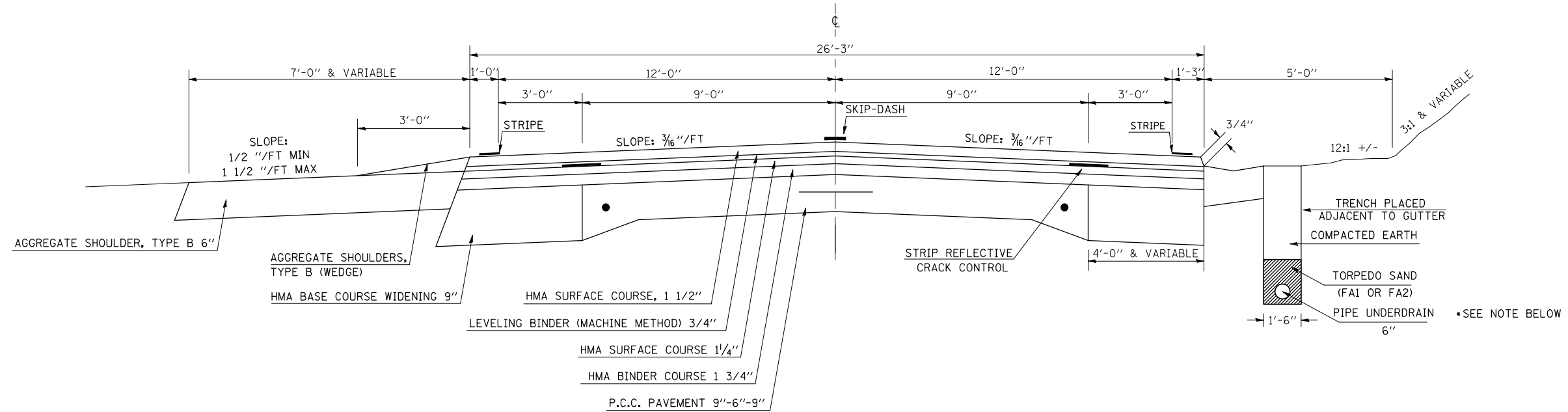
| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------------|--------|--------------|-----------|
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 11        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

# EXISTING TYPICAL SECTION ⑤

• NOTE: SUBSURFACE DRAINS AT STATIONS 348+00 (RT) 357+00 (RT)  
348+00 (LT) 358+00 (LT)

IL 10 FROM E. C. L. OF CLINTON TO IL 48

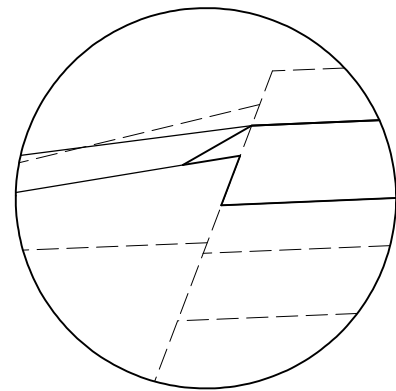
| STATION     | TO | STATION   | ① |
|-------------|----|-----------|---|
| ① 133+08.51 |    | 148+12.89 | ① |
| ① 228+25.73 |    | 236+97.94 | ② |
| ② 262+81.13 |    | 263+47.14 | ③ |
| ② 354+25.04 |    | 355+28.37 | ④ |



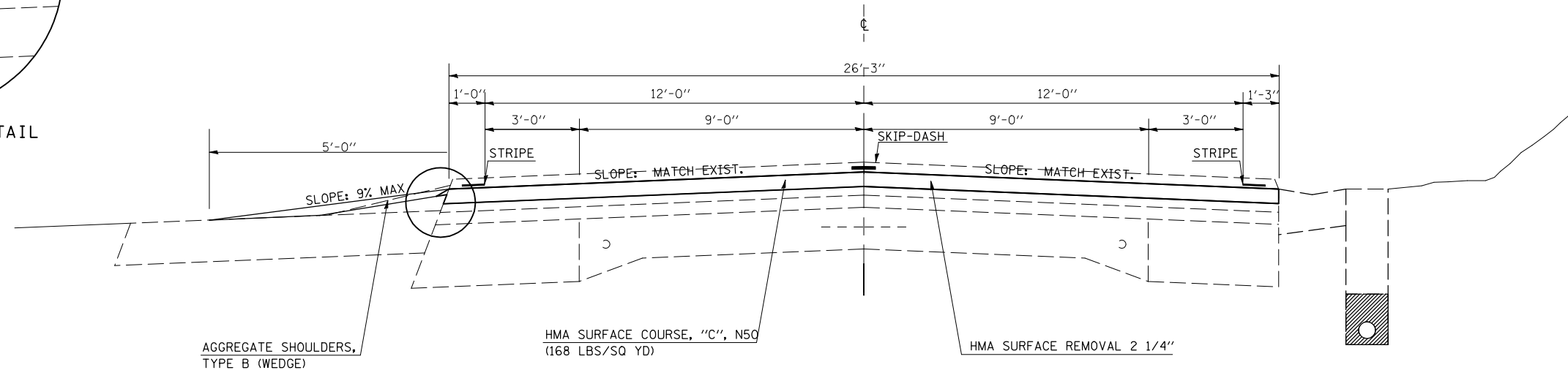
# PROPOSED TYPICAL SECTION ⑤

IL 10 FROM E. C. L. OF CLINTON TO IL 48

| STATION     | TO | STATION   | ① |
|-------------|----|-----------|---|
| ① 133+08.51 |    | 148+12.89 | ① |
| ① 228+25.73 |    | 236+97.94 | ② |
| ② 262+81.13 |    | 263+47.14 | ③ |
| ② 354+25.04 |    | 355+28.37 | ④ |



SAFETY EDGE DETAIL



|   |                       |            |           |
|---|-----------------------|------------|-----------|
| FILE NAME =   | USER NAME = coombessf | DESIGNED - | REVISED - |
| ct:\pw\work\p\dot\coombessf\d0106513\0570660-sh-typical.dgn |                       | DRAWN -    | REVISED - |
| PLOT SCALE = 40.0000' / IN.                                 |                       | CHECKED -  | REVISED - |
| PLOT DATE = 2/3/2011  |                       | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION

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

| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------------|--------|--------------|-----------|
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 12        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

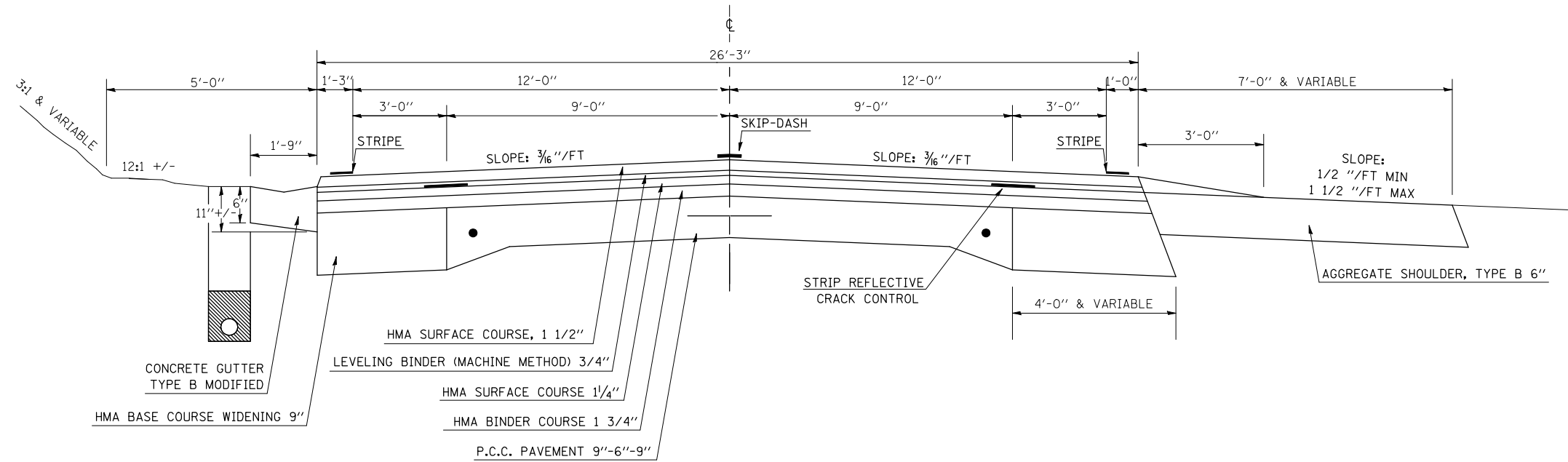


# EXISTING TYPICAL SECTION ⑥

• NOTE: SUBSURFACE DRAINS AT STATIONS 359+00 (LT) 371+32 (LT)  
360+00 (RT) 371+32 (RT)

IL 10 FROM E.C.L. OF CLINTON TO IL 48

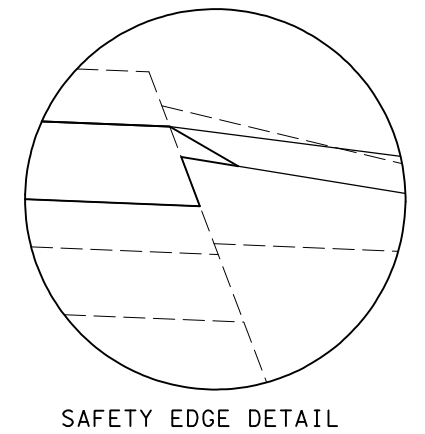
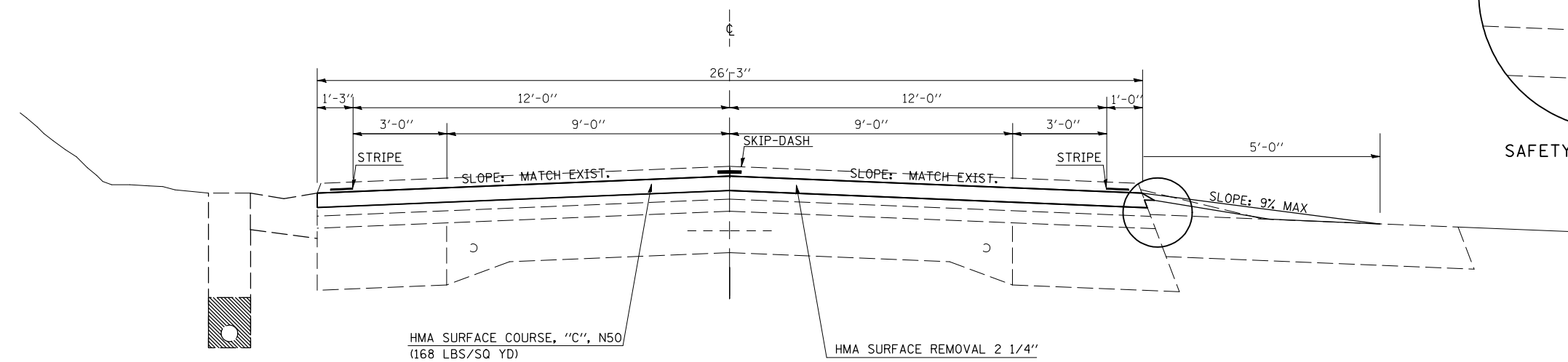
| STATION     | TO | STATION     |
|-------------|----|-------------|
| ① 345+62.66 |    | 346+03.15 ② |
| ① 360+00.00 |    | 361+00.00 ① |
| ② 371+86.72 |    | 373+16.50 ① |



# PROPOSED TYPICAL SECTION ⑥

IL 10 FROM E.C.L. OF CLINTON TO IL 48

| STATION     | TO | STATION     |
|-------------|----|-------------|
| ① 345+62.66 |    | 346+03.15 ② |
| ① 360+00.00 |    | 361+00.00 ① |
| ② 371+86.72 |    | 373+16.50 ① |



|   |                       |            |           |   |                              |           |           |             |         |        |                  |           |     |    |
|---|-----------------------|------------|-----------|---|------------------------------|-----------|-----------|-------------|---------|--------|------------------|-----------|-----|----|
| FILE NAME =   | USER NAME = coombessf | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TYPICAL CROSS SECTION</b> |           |           | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS     | SHEET NO. |     |    |
| ct:\pw\work\p\dot\coombessf\d0106513\0570660-sh-typical.dgn |                       | DRAWN -    | REVISED - |   | SCALE:                       | SHEET NO. | OF SHEETS | STA.        | TO STA. | 721    | (113RS-4, 124RS) | DEWITT    | 153 | 13 |
| PLOT SCALE = 40.0000' / IN.                                 |                       | CHECKED -  | REVISED - |   | CONTRACT NO. 70660           |           |           |             |         |        |                  |           |     |    |
| PLOT DATE = 2/3/2011  |                       | DATE -     | REVISED - |   | ILLINOIS FED. AID PROJECT    |           |           |             |         |        |                  |           |     |    |

# SCHEDULE OF QUANTITIES

| SCHEDULE OF EARTHWORK QUANTITIES |                                      |  |  |                       |   |
|----------------------------------|--------------------------------------|--|--|-----------------------|---|
| LOCATION                         | 20200100<br>EARTH<br>EXC.<br>(CU YD) | 20200500<br>EARTH EX.<br>(WIDENING)<br>(CU YD) | EXCAVATION<br>ADJ. FOR<br>SHRINKAGE<br>(CU YD) | EMBANKMENT<br>(CU YD) | BALANCE<br>WASTE (+)<br>SHORTAGE (-)<br>(CU YD) |
| 189+07.74 TO 200+76.87           |                                      | 65.0   | 48.8   | 0.0                   | 48.8  |
| 209+55.30 TO 302+35.00           |                                      | 65.50  | 49.1   | 0.0                   | 49.1  |
| 6'X3' Box Culvert @ 180+82       | 42.00                                | -  | 31.5   | 7.0                   | 24.5  |
| STA 216+50 TO 222+00             |                                      | -  | 0.0  | 55.0                  | -55.0   |
| STA 225+00 TO 230+00             |                                      | -  | 0.0  | 25.0                  | -25.0   |
| STA 232+75 TO 238+00             |                                      | -  | 0.0  | 0.0                   | 0.0   |
| STA 251+50 TO 253+00             |                                      | -  | 0.0  | 32.0                  | -32.0   |
| STA 271+00 TO 273+75             |                                      | -  | 0.0  | 14.0                  | -14.0   |
| STA 314+75 TO 316+50             |                                      | -  | 0.0  | 18.0                  | -18.0   |
| STA 324+00 TO 327+25             |                                      | -  | 0.0  | 8.0                   | -8.0  |
| STA 334+75 TO 339+00             |                                      | -  | 0.0  | 61.0                  | -61.0   |
| STA 355+75 TO 361+00             |                                      | -  | 0.0  | 7.0                   | -7.0  |
| 24" Pipe Culvert @ 402+78.38     |                                      | -  | 0.0  | 1.0                   | -1.0  |
| 3'X2' Box Culvert @ 468+77.90    | 0.00                                 | -  | 0.0  | 0.0                   | 0.0   |
| <b>TOTALS =</b>                  | <b>42.00</b>                         | <b>130.50</b>                                  |  |                       | <b>-98.63</b>                                   |
| <b>USE =</b>                     | <b>42.00</b>                         | <b>131.00</b>                                  |  |                       | <b>-99.00</b>                                   |

NOTES:  
 QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 25%  
 NO SHRINKAGE FACTOR APPLIED TO THE EMBANKMENT QUANTITY  
 NO PAYMENT WILL BE ALLOWED FOR OVERHAUL  
 EARTH EXCAVATION (WIDENING) SHALL BE USED AS EMBANKMENT  
 STRUCTURE EXCAVATION SHALL NOT BE USED AS EMBANKMENT

**PAY ITEMS**

|                               |       |       |
|-------------------------------|-------|-------|
| 20200100-EARTH EXCAVATION     | 42.0  | CU YD |
| 20200500-EARTH EX (WIDENING)  | 131.0 | CU YD |
| 20400800-FURNISHED EXCAVATION | 99.0  | CU YD |

| CULVERT PATCH  |           |                  |                 |                 |  |   |  |
|----------------|-----------|------------------|-----------------|-----------------|--|---|--|
| STATION        | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | 44201815                               | 44201819                                | 44201821                               |
|                |           |                  |                 |                 | CLASS D PATCH<br>TY II, 14"<br>(SQ YD) | CLASS D PATCH<br>TY III, 14"<br>(SQ YD) | CLASS D PATCH<br>TY IV, 14"<br>(SQ YD) |
| 180+82.00      | EB        | 20.00            | 13.0            | 14.5            |  |   | 28.9                                   |
| 180+82.00      | WB        | 20.00            | 13.0            | 14.5            |  |   | 28.9                                   |
| 402+78.38      | EB        | 10.00            | 13.0            | 14.5            | 14.4                                   |   |  |
| 402+78.38      | WB        | 10.00            | 13.0            | 14.5            | 14.4                                   |   |  |
| 468+77.90      | EB        | 15.00            | 13.0            | 14.5            |  | 21.7                                    |  |
| 468+77.90      | WB        | 15.00            | 13.0            | 14.5            |  | 21.7                                    |  |
| <b>TOTAL =</b> |           |                  |                 |                 | <b>28.9</b>                            | <b>43.3</b>                             | <b>57.8</b>                            |
| <b>USE =</b>   |           |                  |                 |                 | <b>29.0</b>                            | <b>44.0</b>                             | <b>58.0</b>                            |

| 63200310<br>GUARDRAIL REMOVAL SCHEDULE |           |    |         |           |                  |
|--|-----------|----|---------|-----------|------------------|
| STATION                                |           | TO | STATION |           | LENGTH<br>(FOOT) |
| RT                                     | 217+89.25 | TO | RT      | 220+14.87 | 225.6            |
| LT                                     | 218+37.38 | TO | LT      | 220+62.06 | 224.7            |
| RT                                     | 226+25.01 | TO | RT      | 228+23.68 | 198.7            |
| LT                                     | 226+74.57 | TO | LT      | 228+38.05 | 163.5            |
| LT                                     | 233+63.78 | TO | LT      | 237+01.46 | 337.7            |
| RT                                     | 233+90.26 | TO | RT      | 236+77.78 | 287.5            |
| LT                                     | 251+69.00 | TO | LT      | 252+69.07 | 100.1            |
| RT                                     | 251+65.18 | TO | RT      | 252+53.09 | 87.9             |
| RT                                     | 272+03.79 | TO | RT      | 274+17.77 | 214.0            |
| LT                                     | 314+72.82 | TO | LT      | 316+48.33 | 175.5            |
| LT                                     | 324+21.48 | TO | LT      | 325+84.19 | 162.7            |
| LT                                     | 334+63.86 | TO | LT      | 337+88.66 | 324.8            |
| RT                                     | 335+68.99 | TO | RT      | 338+45.17 | 276.2            |
| RT                                     | 356+03.75 | TO | RT      | 360+80.77 | 477.0            |
| LT                                     | 356+50.80 | TO | LT      | 360+39.68 | 388.9            |
| <b>TOTALS =</b>                        |           |    |         |           | <b>3644.7</b>    |
| <b>USE =</b>                           |           |    |         |           | <b>3645.0</b>    |

| SCHEDULE OF INCIDENTAL RESURFACING AT SIDE ROADS |           |  |                               |                                       |   |  |                                    |
|--|-----------|--|-------------------------------|---------------------------------------|---|--|------------------------------------|
| SIDE<br>ROAD                                     | STATION   | DIST. FROM<br>E.O.P. TO<br>BACK OF<br>INCIDENTAL<br>(FT) | AREA TO<br>RESURF.<br>(SQ YD) | 40800050                              | X4400196                                | 40800010   | 40800030                           |
|  |           |  |                               | INCIDENTAL<br>HMA<br>SURFACE<br>(TON) | HMA<br>SURF. REM.<br>SPECIAL<br>(SQ YD) | BITUMINOUS<br>MATERIALS<br>(PRIME COAT)<br>(GAL) | AGGREGATE<br>(PRIME COAT)<br>(TON) |
| WELDON SPR. RD.                                  | 93+09.23  | 32.0   | 168.9                         | 14.2                                  | 168.9                                   | 16.9   | 0.3                                |
| MAGILL RD.                                       | 93+13.12  | 32.0   | 143.6                         | 12.1                                  | 143.6                                   | 14.4   | 0.3                                |
| TAFT RD.   | 162+43.89 | 27.0   | 94.9                          | 8.0                                   | 94.9                                    | 9.5  | 0.2                                |
| LILAC RD.  | 162+96.07 | 27.0   | 157.0                         | 13.2                                  | 157.0                                   | 15.7   | 0.3                                |
| WEST SIDE ST.                                    | 231+21.09 | 36.0   | 324.8                         | 27.3                                  | 324.8                                   | 32.5   | 0.6                                |
| LEGHORN RD.                                      | 270+86.04 | 25.0   | 273.9                         | 23.0                                  | 273.9                                   | 27.4   | 0.5                                |
| FALCON RD.                                       | 271+72.20 | 31.0   | 74.7                          | 6.3                                   | 74.7                                    | 7.5  | 0.1                                |
| FALCON RD. SPUR                                  | 274+10.07 | 30.0   | 131.6                         | 11.1                                  | 131.6                                   | 13.2   | 0.3                                |
| PLOW RD.   | 292+04.26 | 27.0   | 97.2                          | 8.2                                   | 97.2                                    | 9.7  | 0.2                                |
| OVERLOOK PT. RD.                                 | 305+58.44 | 27.0   | 102.7                         | 8.6                                   | 102.7                                   | 10.3   | 0.2                                |
| LANE RD.   | 316+85.11 | 27.0   | 169.1                         | 14.2                                  | 169.1                                   | 16.9   | 0.3                                |
| CONNORS RD.                                      | 352+07.53 | 24.0   | 96.8                          | 8.1                                   | 96.8                                    | 9.7  | 0.2                                |
| TOMAHAWK RD.                                     | 398+69.05 | 12.0   | 49.3                          | 4.1                                   | 49.3                                    | 4.9  | 0.1                                |
| WHITE PIGEON RD.                                 | 412+13.87 | 27.0   | 134.9                         | 11.3                                  | 134.9                                   | 13.5   | 0.3                                |
| CO. HWY. 5                                       | 412+19.07 | 27.0   | 365.3                         | 30.7                                  | 365.3                                   | 36.5   | 0.7                                |
| SETTING SUN RD.                                  | 451+61.83 | 27.0   | 142.5                         | 12.0                                  | 142.5                                   | 14.3   | 0.3                                |
| CO. HWY. 14                                      | 519+77.18 | 27.0   | 356.0                         | 29.9                                  | 356.0                                   | 35.6   | 0.7                                |
| FRIENDS CREEK RD                                 | 519+77.30 | 27.0   | 175.3                         | 14.7                                  | 175.3                                   | 17.5   | 0.4                                |
| LAKEWOOD RD.                                     | 572+45.78 | 27.0   | 103.3                         | 8.7                                   | 103.3                                   | 10.3   | 0.2                                |
| WEST ST.   | 598+94.02 | 32.0   | 189.1                         | 15.9                                  | 189.1                                   | 18.9   | 0.4                                |
| <b>TOTAL =</b>                                   |           |  |                               | <b>281.5</b>                          | <b>3,350.9</b>                          | <b>335.1</b>                                     | <b>6.7</b>                         |
| <b>USE =</b>                                     |           |  |                               | <b>282.0</b>                          | <b>3,351.0</b>                          | <b>336.0</b>                                     | <b>7.0</b>                         |

# SCHEDULE OF QUANTITIES

## SCHEDULE OF MAINLINE RESURFACING QUANTITIES

| LOCATION                           | AVERAGE PROPOSED ROADWAY WIDTH | LENGTH   | AREA     | 44000155                   | 44000158                 | 40600100                          | 40600300               | X4060627                     | 40603310                  |  |
|------------------------------------|--------------------------------|----------|----------|----------------------------|--------------------------|-----------------------------------|------------------------|------------------------------|---------------------------|--|
|                                    |                                |          |          | HMA SURFACE REMOVAL 1.5 IN | HMA SURFACE REMOVAL 2.25 | BITUMINOUS MATERIALS (PRIME COAT) | AGGREGATE (PRIME COAT) | LEVELING BINDER (MM) 0.75 IN | HMA SURFACE COURSE 1.5 IN |  |
|                                    |                                |          |          | SQ YD                      | SQ YD                    | GAL                               | TON                    | TON                          | TON                       |  |
| STA. 92+50.00 TO STA. 133+08.51    | 26.0                           | 4,058.5  | 11,724.6 | 11,724.6                   |                          | 2344.9                            | 46.9                   | 492.4                        | 986.4                     |  |
| STA. 133+08.51 TO STA. 148+12.89   | 26.25                          | 1,504.4  | 4,387.8  |                            | 4,387.8                  | 438.8                             | 8.8                    |                              | 368.9                     |  |
| STA. 148+12.89 TO STA. 189+07.74   | 26.0                           | 4,094.9  | 11,829.6 | 11,829.6                   |                          | 2365.9                            | 47.3                   | 496.8                        | 995.2                     |  |
| STA. 189+07.74 TO STA. 200+76.87   | 28.0                           | 1,169.1  | 3,637.3  | 3,377.5                    |                          | 727.5                             | 14.6                   | 152.8                        | 306.2                     |  |
| STA. 200+76.87 TO STA. 228+25.73   | 26.0                           | 2,748.9  | 7,941.2  | 7,941.2                    |                          | 1588.2                            | 31.8                   | 333.5                        | 668.1                     |  |
| STA. 228+25.73 TO STA. 230+11.82   | 26.25                          | 186.1    | 542.8    |                            | 542.8                    | 54.3                              | 1.1                    |                              | 45.6                      |  |
| STATION EQUATION                   |                                |          |          |                            |                          |                                   |                        |                              |                           |  |
| STA. 230+21.51 TO STA. 236+97.94   | 26.25                          | 676.4    | 1,972.9  |                            | 1,972.9                  | 197.3                             | 4.0                    |                              | 165.9                     |  |
| STA. 236+97.94 TO STA. 238+00.00   | 26.5                           | 102.1    | 300.5    |                            | 300.5                    | 30.1                              | 0.6                    |                              | 25.2                      |  |
| STRUCTURE OMISSION (S.N. 020-0062) |                                |          |          |                            |                          |                                   |                        |                              |                           |  |
| STA. 249+00.00 TO STA. 252+02.44   | 26.0                           | 302.4    | 873.7    | 873.7                      |                          | 174.7                             | 3.5                    | 36.7                         | 73.5                      |  |
| STA. 252+02.44 TO STA. 262+81.13   | 26.5                           | 1,078.7  | 3,176.1  |                            | 3,176.1                  | 317.6                             | 6.4                    |                              | 266.8                     |  |
| STA. 262+81.13 TO STA. 263+47.14   | 26.25                          | 66.0     | 192.5    |                            | 192.5                    | 19.3                              | 0.4                    |                              | 16.2                      |  |
| STA. 263+47.14 TO STA. 290+55.30   | 26.0                           | 2,708.2  | 7,823.6  | 7,823.6                    |                          | 1564.7                            | 31.3                   | 328.6                        | 658.2                     |  |
| STA. 290+55.30 TO STA. 302+35.00   | 28.0                           | 1,179.7  | 3,670.2  | 3,408.0                    |                          | 734.0                             | 14.7                   | 154.1                        | 309.0                     |  |
| STATION EQUATION                   |                                |          |          |                            |                          |                                   |                        |                              |                           |  |
| STA. 286+01.80 TO STA. 345+62.66   | 26.0                           | 5,960.9  | 17,220.3 | 17,220.3                   |                          | 3444.1                            | 68.9                   | 723.3                        | 1448.7                    |  |
| STA. 345+62.66 TO STA. 346+03.15   | 26.25                          | 40.5     | 118.1    |                            | 118.1                    | 11.8                              | 0.2                    |                              | 9.9                       |  |
| STA. 346+03.15 TO STA. 354+25.04   | 26.5                           | 821.9    | 2,420.0  |                            | 2,420.0                  | 242.0                             | 4.8                    |                              | 203.3                     |  |
| STA. 354+25.04 TO STA. 355+28.37   | 26.25                          | 103.3    | 301.4    |                            | 301.4                    | 30.1                              | 0.6                    |                              | 25.3                      |  |
| STA. 355+28.37 TO STA. 360+00.00   | 26.0                           | 471.6    | 1,362.5  | 1,362.5                    |                          | 272.5                             | 5.5                    | 57.2                         | 114.6                     |  |
| STA. 360+00.00 TO STA. 361+00.00   | 26.25                          | 100.0    | 291.7    |                            | 291.7                    | 29.2                              | 0.6                    |                              | 24.5                      |  |
| STA. 361+00.00 TO STA. 371+86.72   | 26.5                           | 1,086.7  | 3,199.8  |                            | 3,199.8                  | 320.0                             | 6.4                    |                              | 268.8                     |  |
| STA. 371+86.72 TO STA. 373+16.50   | 26.25                          | 129.8    | 378.5    |                            | 378.5                    | 37.9                              | 0.8                    |                              | 31.8                      |  |
| STA. 373+16.50 TO STA. 623+07.00   | 26.0                           | 24,990.5 | 72,194.8 | 72,194.8                   |                          | 14439.0                           | 288.8                  | 3032.2                       | 6073.7                    |  |
| SUB-TOTAL =                        |                                |          |          | 137,755.6                  | 17,282.1                 | 29,383.8                          | 587.7                  | 5,807.7                      | 13,085.8                  |  |
| GRAND TOTAL =                      |                                |          |          | 137,756.0                  | 17,283.0                 | 29,384.0                          | 588.0                  | 5,808.0                      | 13,086.0                  |  |

### 28000500 INLET & PIPE PROTECTION

| SIDE    | STATION   | EACH |
|---------|-----------|------|
| RT      | 402+80.00 | 1.0  |
| TOTAL = |           | 1.0  |

| POROUS GRANULAR SCHEDULE |       |  |  |
|--------------------------|-------|--|--|
| STATION                  | SIDE  | 20700220<br>POROUS GRANULAR<br>EMBANKMENT<br>(CU YD) | 20900110<br>POROUS GRANULAR<br>BACKFILL<br>(CU YD) |
| 180+82.00                | LT/RT | 30.8   |  |
| 402+78.38                | LT/RT |  | 7.5  |
| 468+77.90                | LT/RT | 17.7   |  |
| TOTAL =                  |       | 48.5   | 7.5  |
| USE =                    |       | 49.0   | 8.0  |

| LANDSCAPING SCHEDULE |              |                                     |  |  |   |                                   |   |   |
|----------------------|--------------|-------------------------------------|--|--|---|-----------------------------------|---|---|
| LOCATION             | AREA (SQ FT) | 25000210<br>SEEDING CLASS 2A (ACRE) | 25000400<br>NITROGEN FERTILIZER NUTRIENT (POUND) | 25000500<br>PHOSPHORUS FERTILIZER NUTRIENT (POUND) | 25000600<br>POTASSIUM FERTILIZER NUTRIENT (POUND) | 25100115<br>MULCH METHOD 2 (ACRE) | 25100630<br>EROSION CONTROL BLANKET (SQ YD) | 28000250<br>TEMPORARY EROSION SEEDING (POUND) |
| STA 179+75 TO 181+25 | 1742.0       | 0.04                                | 3.6  | 3.6  | 3.6   | 0.04                              |   | 4.0   |
| STA 217+00 TO 220+50 | 2000.0       | 0.05                                | 4.1  | 4.1  | 4.1   | 0.05                              | 184.0                                       | 4.8   |
| STA 225+00 TO 228+25 | 1450.0       | 0.03                                | 3.0  | 3.0  | 3.0   | 0.03                              |   | 3.3   |
| STA 251+50 TO 252+75 | 1025.0       | 0.02                                | 2.1  | 2.1  | 2.1   | 0.02                              | 98.0  | 2.4   |
| STA 273+25 TO 273+75 | 350.0        | 0.01                                | 0.7  | 0.7  | 0.7   | 0.01                              |   | 0.8   |
| STA 324+00 TO 324+50 | 300.0        | 0.01                                | 0.6  | 0.6  | 0.6   | 0.01                              |   | 0.7   |
| STA 334+50 TO 339+00 | 3525.0       | 0.08                                | 7.3  | 7.3  | 7.3   | 0.08                              | 249.0                                       | 8.1   |
| STA 356+50 TO 361+00 | 1150.0       | 0.03                                | 2.4  | 2.4  | 2.4   | 0.03                              |   | 2.6   |
| STA 402+50 TO 403+25 | 202.0        | 0.00                                | 0.4  | 0.4  | 0.4   | 0.00                              |   | 0.5   |
| STA 468+50 TO 469+00 | 108.0        | 0.00                                | 0.2  | 0.2  | 0.2   | 0.00                              |   | 0.2   |
| TOTALS =             |              | 0.27                                | 24.5   | 24.5   | 24.5  | 0.27                              | 531.0                                       | 27.2  |
| USE =                |              | 0.5                                 | 45.0   | 45.0   | 45.0  | 0.5                               | 531.0                                       | 50.0  |

| PROPOSED RIPRAP SCHEDULE |      |  |                                   |
|--------------------------|------|--|-----------------------------------|
| STATION                  | SIDE | 28100107<br>STONE RIPRAP, CLASS A4 (SQ YD) | 28200200<br>FILTER FABRIC (SQ YD) |
| 180+82.00                | LT   | 65.5                                       | 65.5                              |
| 180+82.00                | RT   | 59.5                                       | 59.5                              |
| 216+83.00                | RT   | 16.0                                       | 16.0                              |
| 219+28.00                | LT   | 27.0                                       | 27.0                              |
| TOTAL =                  |      | 168.0                                      | 168.0                             |
| USE =                    |      | 168.0                                      | 168.0                             |

# SCHEDULE OF QUANTITIES

### SCHEDULE OF INCIDENTAL RESURFACING AT ENTRANCES

| SIDE | STATION   | TYPE     | DIST. FROM E.O.P. TO BACK OF INCIDENTAL (FT) | AREA TO RESURF. (SQ YD) | 40800050                     | X4400196                       | 40800010                                | 40800030                     |
|------|-----------|----------|--|-------------------------|------------------------------|--------------------------------|---|------------------------------|
|      |           |          |  |                         | INCIDENTAL HMA SURFACE (TON) | HMA SURF. REM. SPECIAL (SQ YD) | BITUMINOUS MATERIALS (PRIME COAT) (GAL) | AGGREGATE (PRIME COAT) (TON) |
| LT   | 119+15.49 | FE       | 3.0  | 16.7                    | 1.4                          | 16.7                           | 1.7                                     | 0.03                         |
| RT   | 119+17.73 | PE W/ MB | 11.0   | 59.2                    | 5.0                          | 59.2                           | 5.9                                     | 0.12                         |
| LT   | 121+83.98 | PE       | 10.0   | 41.1                    | 3.5                          | 41.1                           | 4.1                                     | 0.08                         |
| RT   | 121+87.64 | MB       | 7.5  | 41.0                    | 3.4                          | 41.0                           | 4.1                                     | 0.08                         |
| RT   | 133+54.36 | PE W/ MB | 16.0   | 59.1                    | 5.0                          | 59.1                           | 5.9                                     | 0.12                         |
| LT   | 133+55.53 | FE       | 3.0  | 19.7                    | 1.7                          | 19.7                           | 2.0                                     | 0.04                         |
| RT   | 161+45.43 | PE       | 11.5   | 40.9                    | 3.4                          | 40.9                           | 4.1                                     | 0.08                         |
| LT   | 164+36.80 | FE       | 3.0  | 20.6                    | 1.7                          | 20.6                           | 2.1                                     | 0.04                         |
| LT   | 169+83.38 | FE       | 3.0  | 18.9                    | 1.6                          | 18.9                           | 1.9                                     | 0.04                         |
| LT   | 176+51.18 | FE       | 3.0  | 19.0                    | 1.6                          | 19.0                           | 1.9                                     | 0.04                         |
| RT   | 176+59.15 | FE       | 3.0  | 19.4                    | 1.6                          | 19.4                           | 1.9                                     | 0.04                         |
| RT   | 188+93.35 | FE       | 3.0  | 22.8                    | 1.9                          | 22.8                           | 2.3                                     | 0.05                         |
| RT   | 196+39.07 | FE       | 3.0  | 17.6                    | 1.5                          | 17.6                           | 1.8                                     | 0.04                         |
| LT   | 196+46.50 | PE       | 2.0  | 10.9                    | 0.9                          | 10.9                           | 1.1                                     | 0.02                         |
| RT   | 201+11.48 | FE       | 3.0  | 17.2                    | 1.4                          | 17.2                           | 1.7                                     | 0.03                         |
| LT   | 203+32.64 | FE       | 3.0  | 15.9                    | 1.3                          | 15.9                           | 1.6                                     | 0.03                         |
| RT   | 203+60.53 | FE       | 3.0  | 21.6                    | 1.8                          | 21.6                           | 2.2                                     | 0.04                         |
| RT   | 251+55.02 | FE       | 3.0  | 15.4                    | 1.3                          | 15.4                           | 1.5                                     | 0.03                         |
| LT   | 251+56.33 | FE       | 3.0  | 17.0                    | 1.4                          | 17.0                           | 1.7                                     | 0.03                         |
| LT   | 275+00.00 | FE       | 3.0  | 18.0                    | 1.5                          | 18.0                           | 1.8                                     | 0.04                         |
| RT   | 279+29.01 | PE       | 10.5   | 51.1                    | 4.3                          | 51.1                           | 5.1                                     | 0.10                         |
| LT   | 279+33.65 | PE W/ MB | 10.5   | 41.5                    | 3.5                          | 41.5                           | 4.2                                     | 0.08                         |
| RT   | 282+12.30 | FE       | 3.0  | 18.1                    | 1.5                          | 18.1                           | 1.8                                     | 0.04                         |
| LT   | 282+15.01 | FE       | 3.0  | 17.9                    | 1.5                          | 17.9                           | 1.8                                     | 0.04                         |
| RT   | 298+04.05 | FE       | 3.0  | 12.9                    | 1.1                          | 12.9                           | 1.3                                     | 0.03                         |
| RT   | 291+80.46 | FE       | 3.0  | 10.3                    | 0.9                          | 10.3                           | 1.0                                     | 0.02                         |
| RT   | 305+44.83 | FE       | 3.0  | 15.4                    | 1.3                          | 15.4                           | 1.5                                     | 0.03                         |
| RT   | 310+97.81 | FE       | 3.0  | 16.5                    | 1.4                          | 16.5                           | 1.7                                     | 0.03                         |
| LT   | 314+58.89 | FE       | 3.0  | 19.6                    | 1.6                          | 19.6                           | 2.0                                     | 0.04                         |
| LT   | 316+68.01 | FE       | 3.0  | 19.7                    | 1.7                          | 19.7                           | 2.0                                     | 0.04                         |
| LT   | 319+27.58 | CE W/ MB | 10.0   | 78.7                    | 6.6                          | 78.7                           | 7.9                                     | 0.16                         |
| RT   | 319+37.15 | FE       | 3.0  | 16.4                    | 1.4                          | 16.4                           | 1.6                                     | 0.03                         |
| RT   | 320+48.66 | FE       | 3.0  | 20.5                    | 1.7                          | 20.5                           | 2.1                                     | 0.04                         |
| LT   | 321+05.79 | CE       | 10.0   | 63.5                    | 5.3                          | 63.5                           | 6.4                                     | 0.13                         |
| LT   | 328+35.70 | CE       | 11.0   | 53.3                    | 4.5                          | 53.3                           | 5.3                                     | 0.11                         |
| LT   | 331+77.24 | CE       | 10.0   | 83.2                    | 7.0                          | 83.2                           | 8.3                                     | 0.17                         |
| RT   | 331+93.51 | FE       | 3.0  | 16.7                    | 1.4                          | 16.7                           | 1.7                                     | 0.03                         |
| LT   | 340+21.80 | PE       | 9.5  | 52.7                    | 4.4                          | 52.7                           | 5.3                                     | 0.11                         |
| RT   | 340+25.21 | FE       | 3.0  | 20.0                    | 1.7                          | 20.0                           | 2.0                                     | 0.04                         |
| RT   | 343+35.44 | FE       | 3.0  | 21.1                    | 1.8                          | 21.1                           | 2.1                                     | 0.04                         |
| LT   | 344+79.67 | FE       | 3.0  | 12.0                    | 1.0                          | 12.0                           | 1.2                                     | 0.02                         |
| LT   | 356+30.82 | CE       | 23.0   | 74.7                    | 6.3                          | 74.7                           | 7.5                                     | 0.15                         |
| LT   | 371+48.74 | MB       | 6.0  | 31.7                    | 2.7                          | 31.7                           | 3.2                                     | 0.06                         |
| RT   | 371+56.48 | PE       | 24.0   | 41.0                    | 3.4                          | 41.0                           | 4.1                                     | 0.08                         |
| RT   | 372+27.00 | PE       | 9.0  | 73.6                    | 6.2                          | 73.6                           | 7.4                                     | 0.15                         |
| LT   | 374+41.36 | PE       | 10.0   | 58.2                    | 4.9                          | 58.2                           | 5.8                                     | 0.12                         |
| LT   | 385+03.82 | PE W/ MB | 11.0   | 72.8                    | 6.1                          | 72.8                           | 7.3                                     | 0.15                         |
| RT   | 385+28.17 | FE       | 3.0  | 14.5                    | 1.2                          | 14.5                           | 1.5                                     | 0.03                         |
| LT   | 387+41.62 | FE       | 3.0  | 11.7                    | 1.0                          | 11.7                           | 1.2                                     | 0.02                         |

### SCHEDULE OF INCIDENTAL RESURFACING AT ENTRANCES (CONT.)

| SIDE    | STATION   | TYPE     | DIST. FROM E.O.P. TO BACK OF INCIDENTAL (FT) | AREA TO RESURF. (SQ YD) | 40800050                     | X4400196                       | 40800010                                | 40800030                     |
|---------|-----------|----------|--|-------------------------|------------------------------|--------------------------------|---|------------------------------|
|         |           |          |  |                         | INCIDENTAL HMA SURFACE (TON) | HMA SURF. REM. SPECIAL (SQ YD) | BITUMINOUS MATERIALS (PRIME COAT) (GAL) | AGGREGATE (PRIME COAT) (TON) |
| RT      | 398+44.06 | FE       | 3.0  | 17.6                    | 1.5                          | 17.6                           | 1.8                                     | 0.04                         |
| RT      | 401+09.23 | FE       | 3.0  | 18.2                    | 1.5                          | 18.2                           | 1.8                                     | 0.04                         |
| RT      | 414+14.65 | FE       | 8.0  | 31.8                    | 2.7                          | 31.8                           | 3.2                                     | 0.06                         |
| RT      | 425+32.43 | FE       | 3.0  | 16.4                    | 1.4                          | 16.4                           | 1.6                                     | 0.03                         |
| LT      | 438+25.63 | FE       | 3.0  | 18.9                    | 1.6                          | 18.9                           | 1.9                                     | 0.04                         |
| RT      | 451+57.75 | PE       | 7.0  | 29.3                    | 2.5                          | 29.3                           | 2.9                                     | 0.06                         |
| RT      | 466+24.19 | FE       | 3.0  | 21.2                    | 1.8                          | 21.2                           | 2.1                                     | 0.04                         |
| LT      | 466+26.18 | FE       | 3.0  | 15.9                    | 1.3                          | 15.9                           | 1.6                                     | 0.03                         |
| LT      | 470+66.97 | FE       | 3.0  | 17.9                    | 1.5                          | 17.9                           | 1.8                                     | 0.04                         |
| RT      | 479+82.34 | FE       | 3.0  | 16.4                    | 1.4                          | 16.4                           | 1.6                                     | 0.03                         |
| LT      | 493+02.64 | FE       | 3.0  | 18.9                    | 1.6                          | 18.9                           | 1.9                                     | 0.04                         |
| RT      | 496+00.72 | FE       | 3.0  | 18.6                    | 1.6                          | 18.6                           | 1.9                                     | 0.04                         |
| LT      | 503+76.51 | FE       | 3.0  | 17.2                    | 1.4                          | 17.2                           | 1.7                                     | 0.03                         |
| LT      | 517+39.29 | FE       | 3.0  | 17.7                    | 1.5                          | 17.7                           | 1.8                                     | 0.04                         |
| LT      | 521+35.42 | FE       | 3.0  | 20.4                    | 1.7                          | 20.4                           | 2.0                                     | 0.04                         |
| LT      | 527+95.10 | FE       | 3.0  | 17.3                    | 1.5                          | 17.3                           | 1.7                                     | 0.03                         |
| LT      | 538+71.09 | PE W/ MB | 10.5   | 92.2                    | 7.7                          | 92.2                           | 9.2                                     | 0.18                         |
| LT      | 540+36.75 | FE       | 3.0  | 21.3                    | 1.8                          | 21.3                           | 2.1                                     | 0.04                         |
| RT      | 543+00.42 | FE       | 3.0  | 14.0                    | 1.2                          | 14.0                           | 1.4                                     | 0.03                         |
| RT      | 549+90.18 | FE       | 3.0  | 12.1                    | 1.0                          | 12.1                           | 1.2                                     | 0.02                         |
| LT      | 556+85.61 | DBL FE   | 3.0  | 30.8                    | 2.6                          | 30.8                           | 3.1                                     | 0.06                         |
| RT      | 559+75.94 | FE       | 3.0  | 15.1                    | 1.3                          | 15.1                           | 1.5                                     | 0.03                         |
| RT      | 572+50.48 | FE       | 3.0  | 15.3                    | 1.3                          | 15.3                           | 1.5                                     | 0.03                         |
| LT      | 585+52.16 | FE & PE  | 11.0   | 79.5                    | 6.7                          | 79.5                           | 8.0                                     | 0.16                         |
| RT      | 585+85.94 | FE       | 3.0  | 17.0                    | 1.4                          | 17.0                           | 1.7                                     | 0.03                         |
| LT      | 598+95.05 | FE       | 3.0  | 22.5                    | 1.9                          | 22.5                           | 2.3                                     | 0.05                         |
| RT      | 611+77.33 | FE       | 3.0  | 20.0                    | 1.7                          | 20.0                           | 2.0                                     | 0.04                         |
| LT      | 613+55.23 | FE       | 3.0  | 14.9                    | 1.3                          | 14.9                           | 1.5                                     | 0.03                         |
| TOTAL = |           |          |  |                         | 186.5                        | 2219.7                         | 222.0                                   | 4.4                          |
| USE =   |           |          |  |                         | 187.0                        | 2220.0                         | 222.0                                   | 5.0                          |

#### 40800990 TEMPORARY RAMP

| STATION   | WIDTH (FOOT) | LENGTH (FOOT) | AREA (SQ YD) |
|-----------|--------------|---------------|--------------|
| 92+50.00  | 26.0         | 5.0           | 14.4         |
| 238+00.00 | 26.0         | 5.0           | 14.4         |
| 249+00.00 | 26.0         | 5.0           | 14.4         |
| 623+07.00 | 26.0         | 5.0           | 14.4         |
| TOTAL =   |              |               | 57.8         |
| USE =     |              |               | 58.0         |

# SCHEDULE OF QUANTITIES

| PROPOSED GUARDRAIL SCHEDULE |                        |  |    |           |      |        |        |                                       |        |                                    |                                      |  |           |           |                                |      |
|-----------------------------|------------------------|--|----|-----------|------|--------|--------|---------------------------------------|--------|------------------------------------|--------------------------------------|--|-----------|-----------|--------------------------------|------|
| SIDE                        | APPROACH/<br>DEPARTURE | 63100167 / 63100169  |    |           |      |        |        | 63100045                              |        | 78201000                           | 63300725                             | 63000001   |           |           | 78200405                       |      |
|                             |                        | TRAFFIC BARRIER TERMINAL,<br>TYPE 1 (SPECIAL) TANGENT / FLARED |    |           |      |        |        | TRAFFIC BARRIER<br>TERMINAL<br>TYPE 2 |        | TERMINAL<br>MARKER<br>DIR. APPLIED | SHORT<br>RADIUS<br>GUARDRAIL<br>(FT) | STEEL PLATE BEAM GUARDRAIL<br>TYPE A, 6 FOOT POSTS |           |           | GUARDRAIL<br>MARKERS<br>TYPE A |      |
|                             |                        | STATION  | TO | STATION   | TYPE | (EACH) | (EACH) | STATION                               | (EACH) | (EACH)                             | (FT)                                 | STATION  | TO        | STATION   | LENGTH<br>(FOOT)               | EACH |
| RT                          | APP                    | 178+15.92  | TO | 178+65.92 | TANG | 1.0    |        |                                       | 1.0    |                                    | 178+65.92                            | TO   | 181+40.92 | 275.0     | 4.0                            |      |
| RT                          | DEP                    | 181+40.92  | TO | 181+90.92 | TANG | 1.0    |        |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| LT                          | DEP                    | 179+23.08  | TO | 179+73.08 | TANG | 1.0    |        |                                       | 1.0    |                                    | 179+73.08                            | TO   | 182+98.08 | 325.0     | 4.0                            |      |
| LT                          | APP                    | 182+98.08  | TO | 183+48.08 | TANG | 1.0    |        |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| RT                          | APP                    | 216+91.00  | TO | 217+41.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    | 217+41.00                            | TO   | 219+41.00 | 200.0     | 4.0                            |      |
| RT                          | DEP                    | 219+41.00  | TO | 219+91.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| LT                          | DEP                    | 218+65.00  | TO | 219+15.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    | 219+15.00                            | TO   | 221+15.00 | 200.0     | 4.0                            |      |
| LT                          | APP                    | 221+15.00  | TO | 221+65.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| RT                          | APP                    | 225+23.00  | TO | 225+73.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    | 225+73.00                            | TO   | 227+73.00 | 200.0     | 4.0                            |      |
| RT                          | DEP                    | 227+73.00  | TO | 228+23.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| LT                          | DEP                    | 226+97.00  | TO | 227+47.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    | 227+47.00                            | TO   | 229+47.00 | 200.0     | 4.0                            |      |
| LT                          | APP                    | 229+47.00  | TO | 229+97.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| RT                          | APP                    | 233+53.74  | TO | 234+03.74 | TANG | 1.0    |        |                                       | 1.0    |                                    | 234+03.74                            | TO   | 235+91.24 | 187.5     | 4.0                            |      |
| RT                          | DEP                    | 235+91.24  | TO | 236+41.24 | TANG | 1.0    |        |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| LT                          | DEP                    | 234+22.11  | TO | 234+72.11 | TANG | 1.0    |        |                                       | 1.0    |                                    | 234+72.11                            | TO   | 237+34.61 | 262.5     | 4.0                            |      |
| RT                          | APP                    | 237+34.61  | TO | 237+84.61 | TANG | 1.0    |        |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| RT                          | APP                    |  |    |           |      |        |        | 251+66.92                             | 1.0    |                                    | 25.0                                 | 251+99.29  | TO        | 252+11.79 | 12.5                           | 4.0  |
| RT                          | DEP                    | 252+11.79  | TO | 252+61.79 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| LT                          | DEP                    |  |    |           |      |        |        | 251+69.26                             | 1.0    |                                    | 25.0                                 | 252+01.63  | TO        | 252+26.63 | 25.0                           | 4.0  |
| LT                          | APP                    | 252+26.63  | TO | 252+76.63 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| RT                          | APP                    |  |    |           |      |        |        | 271+11.34                             | 1.0    |                                    | 50.0                                 | 271+64.16  | TO        | 273+14.16 | 150.0                          | 4.0  |
| RT                          | DEP                    | 273+14.16  | TO | 273+64.16 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| LT                          | DEP                    |  |    |           |      |        |        | 314+74.65                             | 1.0    |                                    | 12.5                                 | 314+97.99  | TO        | 316+22.99 | 125.0                          | 4.0  |
| LT                          | APP                    |  |    |           |      |        |        | 316+45.94                             | 1.0    |                                    | 12.5                                 |  |           |           |                                |      |
| LT                          | DEP                    | 324+21.48  | TO | 324+71.48 | FLAR |        | 1.0    |                                       | 1.0    |                                    | 324+71.48                            | TO   | 326+71.48 | 200.0     | 4.0                            |      |
| LT                          | APP                    | 326+71.48  | TO | 327+21.48 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| RT                          | APP                    | 335+04.61  | TO | 335+54.61 | FLAR |        | 1.0    |                                       | 1.0    |                                    | 335+54.61                            | TO   | 337+54.61 | 200.0     | 4.0                            |      |
| RT                          | DEP                    | 337+54.61  | TO | 338+04.61 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| LT                          | DEP                    | 335+65.39  | TO | 336+15.39 | FLAR |        | 1.0    |                                       | 1.0    |                                    | 336+15.39                            | TO   | 338+15.39 | 200.0     | 4.0                            |      |
| LT                          | APP                    | 338+15.39  | TO | 338+65.39 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| RT                          | APP                    | 355+92.50  | TO | 356+42.50 | FLAR |        | 1.0    |                                       | 1.0    |                                    | 356+42.50                            | TO   | 360+42.50 | 400.0     | 5.0                            |      |
| RT                          | DEP                    | 360+42.50  | TO | 360+92.50 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
| LT                          | DEP                    | 356+50.00  | TO | 357+00.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    | 357+00.00                            | TO   | 360+00.00 | 300.0     | 4.0                            |      |
| LT                          | APP                    | 360+00.00  | TO | 360+50.00 | FLAR |        | 1.0    |                                       | 1.0    |                                    |                                      |  |           |           |                                |      |
|                             |                        |  |    |           |      | 8.0    | 21.0   |                                       |        | 5.0                                | 29.0                                 |  |           | 125.0     |                                |      |
|                             |                        |  |    |           |      |        |        |                                       |        |                                    |                                      |  | 3,462.5   | 69.0      |                                |      |

### 48102100 AGGREGATE WEDGE SHOULDER, TYPE B

| SIDE   | STATION   | TO | STATION   | LENGTH<br>(FOOT) | SHLDRS<br>(TON) |
|--|-----------|----|-----------|------------------|-----------------|
| LT   | 92+50.00  | TO | 189+07.74 | 9,657.7          | 234.4           |
| LT   | 189+07.74 | TO | 200+76.87 | 1,169.1          | 39.8            |
| LT   | 200+76.87 | TO | 230+11.82 | 2,935.0          | 71.2            |
| STATION EQUATION - 230+11.82 (BK) = 230+21.51 (AH) |           |    |           |                  |                 |
| LT   | 230+21.51 | TO | 236+97.94 | 676.4            | 16.4            |
| STRUCTURE OMISSION                                 |           |    |           |                  |                 |
| LT   | 249+00.00 | TO | 252+02.44 | 302.4            | 7.3             |
| LT   | 262+81.13 | TO | 290+55.30 | 2,774.2          | 67.3            |
| LT   | 290+55.30 | TO | 302+35.00 | 1,179.7          | 28.6            |
| STATION EQUATION - 302+35.00 (BK) = 286+01.80 (AH) |           |    |           |                  |                 |
| LT   | 286+01.80 | TO | 345+62.66 | 5,960.9          | 144.7           |
| LT   | 354+25.04 | TO | 360+00.00 | 575.0            | 14.0            |
| LT   | 373+16.50 | TO | 623+07.00 | 24,990.5         | 606.4           |
| LEFT SIDE TOTAL =                                  |           |    |           |                  | 1,230.2         |

### 48102100 AGGREGATE WEDGE SHOULDER, TYPE B (CONT.)

| SIDE   | STATION   | TO | STATION   | LENGTH<br>(FOOT) | SHLDRS<br>(TON) |
|--|-----------|----|-----------|------------------|-----------------|
| RT   | 92+50.00  | TO | 133+08.51 | 4,058.5          | 98.5            |
| RT   | 148+12.89 | TO | 189+07.74 | 4,094.9          | 99.4            |
| RT   | 189+07.74 | TO | 200+76.87 | 1,169.1          | 28.4            |
| RT   | 200+76.87 | TO | 228+25.73 | 2,748.9          | 66.7            |
| STRUCTURE OMISSION                                 |           |    |           |                  |                 |
| RT   | 249+00.00 | TO | 252+02.44 | 302.4            | 7.3             |
| RT   | 263+47.14 | TO | 290+55.30 | 2,708.2          | 65.7            |
| RT   | 290+55.30 | TO | 302+35.00 | 1,179.7          | 40.2            |
| STATION EQUATION - 302+35.00 (BK) = 286+01.80 (AH) |           |    |           |                  |                 |
| RT   | 286+01.80 | TO | 346+03.15 | 6,001.4          | 145.6           |
| RT   | 355+28.37 | TO | 361+00.00 | 571.6            | 13.9            |
| RT   | 371+86.72 | TO | 623+07.00 | 25,120.3         | 609.6           |
| RIGHT SIDE TOTAL =                                 |           |    |           |                  | 1,175.3         |
| GRAND TOTAL =                                      |           |    |           |                  | 2,405.4         |
| USE =  |           |    |           |                  | 2,406.0         |

### 35600712 HOT-MIX ASPHALT BASE COURSE WIDENING, 9"

| SIDE          | STATION   | TO | STATION   | LENGTH<br>(FOOT) | SQ YD |
|---------------|-----------|----|-----------|------------------|-------|
| RT            | 189+07.74 | TO | 200+76.87 | 1,169.1          | 259.8 |
| LT            | 290+55.30 | TO | 302+35.00 | 1,179.7          | 262.2 |
| GRAND TOTAL = |           |    |           |                  | 522.0 |
| USE =         |           |    |           |                  | 522.0 |

# SCHEDULE OF QUANTITIES

| PATCHING SCHEDULE |           |                  |                 |                 |   |                                    |
|-------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION           | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                   |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 93+71             | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 93+71             | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 96+90             | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 102+00            | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 102+49            | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 102+57            | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 102+65            | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 102+79            | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 103+13            | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 105+87            | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 112+88            | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 115+75            | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 115+75            | WB        | 12.0             | 13.0            | 8.25            | 17.3  | 8.0                                |
| 126+39            | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 126+39            | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 132+90            | EB        | 5.0              | 13.0            | 8.25            | 7.2   | 3.3                                |
| 132+90            | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 142+19            | EB        | 15.0             | 6.5             | 8.25            | 10.8  | 5.0                                |
| 142+19            | WB        | 15.0             | 6.5             | 8.25            | 10.8  | 5.0                                |
| 147+52            | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 147+52            | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 147+99            | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 148+07            | EB        | 30.0             | 6.5             | 8.25            | 21.7  | 10.0                               |
| 148+07            | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 148+15            | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 150+37            | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 150+37            | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 157+80            | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 157+80            | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 159+40            | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 159+48            | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 161+59            | EB        | 10.0             | 6.5             | 8.25            | 7.2   | 3.3                                |
| 161+59            | WB        | 25.0             | 13.0            | 8.25            | 36.1  | 16.7                               |
| 163+34            | EB        | 5.0              | 13.0            | 8.25            | 7.2   | 3.3                                |
| 163+34            | WB        | 5.0              | 13.0            | 8.25            | 7.2   | 3.3                                |
| 166+66            | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 173+72            | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 175+10            | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 175+10            | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 180+55            | WB        | 30.0             | 13.0            | 8.25            | 43.3  | 20.0                               |
| 180+63            | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 187+68            | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 187+68            | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 187+78            | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 188+86            | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 189+75            | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 189+75                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 195+01                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 195+01                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 198+30                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 198+47                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 198+30                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 198+47                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 198+55                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 202+61                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 202+61                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 203+04                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 205+61                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 205+85                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 205+96                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 205+96                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 213+67                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 213+83                    | EB        | 10.0             | 6.5             | 8.25            | 7.2   | 3.3                                |
| 214+37                    | WB        | 40.0             | 6.5             | 8.25            | 28.9  | 13.3                               |
| 220+92                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 220+92                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 228+43                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 228+43                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 234+56                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 260+88                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 263+72                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 263+72                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 266+90                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 267+02                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 267+02                    | WB        | 20.0             | 13.0            | 8.25            | 28.9  | 13.3                               |
| 269+48                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 269+58                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 269+48                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 269+58                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 269+68                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 270+05                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 275+63                    | EB        | 20.0             | 6.5             | 8.25            | 14.4  | 6.7                                |
| 276+25                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 281+93                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 281+93                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 282+08                    | WB        | 15.0             | 6.5             | 8.25            | 10.8  | 5.0                                |
| 290+35                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 293+80                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 293+80                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 301+73                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 301+90                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 286+39                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |



# SCHEDULE OF QUANTITIES

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 290+02                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 290+24                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 290+24                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 291+33                    | EB        | 10.0             | 6.5             | 8.25            | 7.2   | 3.3                                |
| 291+33                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 293+46                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 293+46                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 300+01                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 301+79                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 301+79                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 301+93                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 301+93                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 302+65                    | EB        | 4.0              | 6.5             | 8.25            | 2.9   | 1.3                                |
| 302+65                    | WB        | 8.0              | 6.5             | 8.25            | 5.8   | 2.7                                |
| 308+55                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 308+55                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 308+68                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 308+68                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 309+00                    | EB        | 12.0             | 6.5             | 8.25            | 8.7   | 4.0                                |
| 309+00                    | WB        | 12.0             | 6.5             | 8.25            | 8.7   | 4.0                                |
| 309+15                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 314+17                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 314+44                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 314+44                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 315+96                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 315+96                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 323+35                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 323+47                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 323+47                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 331+91                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 331+91                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 332+05                    | WB        | 10.0             | 6.5             | 8.25            | 7.2   | 3.3                                |
| 332+27                    | EB        | 6.0              | 6.5             | 8.25            | 4.3   | 2.0                                |
| 332+35                    | EB        | 6.0              | 6.5             | 8.25            | 4.3   | 2.0                                |
| 332+48                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 332+48                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 337+23                    | EB        | 10.0             | 6.5             | 8.25            | 7.2   | 3.3                                |
| 337+23                    | WB        | 40.0             | 8.0             | 8.25            | 35.6  | 16.4                               |
| 338+60                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 338+60                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 351+70                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 351+70                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 372+59                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 372+59                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 373+54                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 373+54                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 378+60                    | WB        | 30.0             | 13.0            | 8.25            | 43.3  | 20.0                               |
| 379+80                    | EB        | 30.0             | 13.0            | 8.25            | 43.3  | 20.0                               |
| 383+91                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 384+31                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 384+31                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 384+89                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 386+55                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 387+17                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 387+17                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 387+33                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 387+33                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 388+35                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 388+70                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 389+02                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 389+02                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 392+99                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 393+41                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 393+94                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 394+00                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 394+23                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 394+38                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 395+30                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 395+41                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 395+41                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 395+96                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 398+43                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 399+20                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 400+84                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 400+84                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 401+36                    | EB        | 10.0             | 6.5             | 8.25            | 7.2   | 3.3                                |
| 401+36                    | WB        | 12.0             | 13.0            | 8.25            | 17.3  | 8.0                                |
| 403+66                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 404+50                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 404+98                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 405+75                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 405+75                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 405+90                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 405+90                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 406+05                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 406+05                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 408+04                    | EB        | 20.0             | 13.0            | 8.25            | 28.9  | 13.3                               |
| 408+36                    | EB        | 12.0             | 13.0            | 8.25            | 17.3  | 8.0                                |
| 409+87                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 410+68                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 410+68                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 413+30                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |

|   |                    |            |           |
|---|--------------------|------------|-----------|
| FILE NAME =   | USER NAME = oglobj | DESIGNED - | REVISED - |
| c:\pwwork\pwwork\oglobj\d0106513\0578662-sht-schedule.dgn |                    | DRAWN -    | REVISED - |
| PLOT SCALE = 1/8" = 1' IN.                                |                    | CHECKED -  | REVISED - |
| PLOT DATE = 2/22/2011                                     |                    | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                               |           |           |              |
|-------------------------------|-----------|-----------|--------------|
| <b>SCHEDULE OF QUANTITIES</b> |           |           |              |
| SCALE:                        | SHEET NO. | OF SHEETS | STA. TO STA. |

|                             |                  |        |              |           |
|-----------------------------|------------------|--------|--------------|-----------|
| F.A.P. RTE.                 | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 721                         | (113RS-4, 124RS) | DEWITT | 153          | 19        |
| CONTRACT NO. 70660          |                  |        |              |           |
| (ILLINOIS) FED. AID PROJECT |                  |        |              |           |

# SCHEDULE OF QUANTITIES

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 415+45                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 415+45                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 416+59                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 416+59                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 416+76                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 416+76                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 416+89                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 416+89                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 417+22                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 417+22                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 417+40                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 417+40                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 417+51                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 417+51                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 417+83                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 418+12                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 418+12                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 418+25                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 418+25                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 418+91                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 418+91                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 420+43                    | EB        | 12.0             | 6.5             | 8.25            | 8.7   | 4.0                                |
| 420+43                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 420+63                    | EB        | 12.0             | 6.5             | 8.25            | 8.7   | 4.0                                |
| 420+63                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 421+57                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 421+57                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 421+95                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 421+95                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 422+88                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 422+88                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 426+43                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 426+43                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 426+55                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 429+04                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 429+04                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 429+36                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 429+36                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 430+39                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 431+36                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 435+31                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 435+31                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 438+88                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 438+88                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 440+30                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 440+30                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 441+33                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 442+16                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 442+16                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 446+57                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 446+89                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 446+89                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 447+85                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 450+13                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 450+30                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 450+99                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 450+99                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 452+30                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 452+30                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 452+62                    | EB        | 25.0             | 13.0            | 8.25            | 36.1  | 16.7                               |
| 452+62                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 453+42                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 453+42                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 453+63                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 453+63                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 453+73                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 454+10                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 454+27                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 454+27                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 454+96                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 454+96                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 456+59                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 456+59                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 457+13                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 459+00                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 459+10                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 459+10                    | WB        | 12.0             | 13.0            | 8.25            | 17.3  | 8.0                                |
| 459+25                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 459+25                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 459+87                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 459+87                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 460+22                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 460+22                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 460+33                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 460+33                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 460+79                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 460+79                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 461+27                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 461+27                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |

|   |                                    |            |           |
|---|------------------------------------|------------|-----------|
| FILE NAME = c:\p\work\p\dot\ogleb\j\d2106513\057066 | USER NAME = ogleb                  | DESIGNED - | REVISED - |
|   |                                    | DRAWN -    | REVISED - |
|   | PLOT SCALE = 1/8" = 40.0000' / IN. | CHECKED -  | REVISED - |
|   | PLOT DATE = 2/22/2011              | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                               |           |           |              |
|-------------------------------|-----------|-----------|--------------|
| <b>SCHEDULE OF QUANTITIES</b> |           |           |              |
| SCALE:                        | SHEET NO. | OF SHEETS | STA. TO STA. |

|                           |                             |                  |                     |                 |
|---------------------------|-----------------------------|------------------|---------------------|-----------------|
| F.A.P. RTE.<br>721        | SECTION<br>(113RS-4, 124RS) | COUNTY<br>DEWITT | TOTAL SHEETS<br>153 | SHEET NO.<br>20 |
| CONTRACT NO. 70660        |                             |                  |                     |                 |
| ILLINOIS FED. AID PROJECT |                             |                  |                     |                 |



# SCHEDULE OF QUANTITIES

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 461+96                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 461+96                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 463+00                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 463+10                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 463+28                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 463+40                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 463+75                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 463+84                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 465+70                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 465+70                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 465+84                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 465+84                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 466+39                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 466+39                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 468+23                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 468+23                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 472+22                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 472+22                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 477+84                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 477+84                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 477+92                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 478+00                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 478+00                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 478+10                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 479+49                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 479+49                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 481+45                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 481+45                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 486+65                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 486+65                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 486+74                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 486+74                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 487+34                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 487+34                    | WB        | 10.0             | 6.5             | 8.25            | 7.2   | 3.3                                |
| 487+71                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 488+46                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 495+68                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 495+68                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 496+89                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 497+11                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 497+11                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 497+25                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 498+25                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 498+35                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 498+35                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 501+24                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 501+24                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 502+40                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 502+40                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 510+31                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 510+31                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 510+99                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 511+07                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 511+07                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 511+58                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 511+58                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 512+40                    | EB        | 12.0             | 13.0            | 8.25            | 17.3  | 8.0                                |
| 512+40                    | WB        | 12.0             | 13.0            | 8.25            | 17.3  | 8.0                                |
| 512+83                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 512+83                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 516+34                    | EB        | 20.0             | 13.0            | 8.25            | 28.9  | 13.3                               |
| 516+34                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 516+45                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 518+36                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 518+98                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 518+98                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 520+31                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 520+31                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 522+58                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 522+58                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 523+28                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 523+28                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 524+83                    | WB        | 20.0             | 13.0            | 8.25            | 28.9  | 13.3                               |
| 524+95                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 528+37                    | WB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 535+00                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 535+00                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 535+10                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 535+49                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 535+49                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 545+13                    | EB        | 18.0             | 13.0            | 8.25            | 26.0  | 12.0                               |
| 545+13                    | WB        | 18.0             | 13.0            | 8.25            | 26.0  | 12.0                               |
| 549+03                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 549+13                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 551+10                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 551+53                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 552+06                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 552+48                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 552+48                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 555+81                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |

|  |                     |            |           |
|--|---------------------|------------|-----------|
| FILE NAME =  | USER NAME = ogleb.j | DESIGNED - | REVISED - |
| c:\pwwork\pwwork\ogleb.j\d0106513\0578669-ant-schedule.dgn |                     | DRAWN -    | REVISED - |
| PLOT SCALE = 40.0000 / / IN.                               |                     | CHECKED -  | REVISED - |
| PLOT DATE = 2/22/2011                                      |                     | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

|                       |                             |                  |                           |                    |
|-----------------------|-----------------------------|------------------|---------------------------|--------------------|
| F.A.P.<br>RTE.<br>721 | SECTION<br>(113RS-4, 124RS) | COUNTY<br>DEWITT | TOTAL<br>SHEETS<br>153    | SHEET<br>NO.<br>21 |
| CONTRACT NO. 70660    |                             |                  | ILLINOIS FED. AID PROJECT |                    |

# SCHEDULE OF QUANTITIES

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 552+48                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 552+48                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 555+81                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 556+64                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 556+64                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 558+80                    | EB        | 25.0             | 13.0            | 8.25            | 36.1  | 16.7                               |
| 558+80                    | WB        | 25.0             | 13.0            | 8.25            | 36.1  | 16.7                               |
| 560+00                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 560+00                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 562+03                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 562+03                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 563+57                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 563+57                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 564+42                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 564+42                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 564+91                    | EB        | 12.0             | 13.0            | 8.25            | 17.3  | 8.0                                |
| 565+25                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 565+31                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 572+96                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 572+96                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 575+59                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 576+79                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 576+79                    | WB        | 35.0             | 13.0            | 8.25            | 50.6  | 23.4                               |
| 581+05                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 581+05                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 581+91                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 582+75                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 582+75                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 583+88                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 583+88                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 584+26                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 584+26                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 584+68                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 584+79                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 584+89                    | EB        | 20.0             | 13.0            | 8.25            | 28.9  | 13.3                               |
| 584+89                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 585+05                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 585+96                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 589+12                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 589+12                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 590+57                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 590+57                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 591+79                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 592+53                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 592+86                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 592+86                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 593+37                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 593+84                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 593+84                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 593+98                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 593+98                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 594+10                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 594+58                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 594+58                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 598+44                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 601+21                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 601+21                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 601+60                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 601+60                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 601+85                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 601+85                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 602+00                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 602+00                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 602+10                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 602+15                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 602+20                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 602+37                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 602+37                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 602+66                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 602+66                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 607+54                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 607+64                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 608+78                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 611+32                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 611+32                    | WB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 611+64                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 611+64                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 611+74                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 611+84                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 611+84                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 612+43                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 612+43                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 612+86                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 612+86                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 613+13                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 613+13                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 614+14                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 614+14                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 615+31                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 615+55                    | EB        | 8.0              | 13.0            | 8.25            | 11.6  | 5.3                                |
| 617+59                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 617+59                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |

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|   | PLOT SCALE = 48.0000' / IN. | CHECKED -  | REVISED - |
|   | PLOT DATE = 2/22/2011       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

| SCHEDULE OF QUANTITIES |           |           |              |
|------------------------|-----------|-----------|--------------|
| SCALE:                 | SHEET NO. | OF SHEETS | STA. TO STA. |

|                           |                  |        |              |           |
|---------------------------|------------------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 22        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

# SCHEDULE OF QUANTITIES

| PATCHING SCHEDULE (CONT.) |           |                  |                 |                 |   |                                    |
|---------------------------|-----------|------------------|-----------------|-----------------|---|------------------------------------|
| STATION                   | DIRECTION | LENGTH<br>(FOOT) | WIDTH<br>(FOOT) | DEPTH<br>(INCH) | #5000105                                    | X4421000                           |
|                           |           |                  |                 |                 | PARTIAL DEPTH<br>REMOVAL, 8 1/2"<br>(SQ YD) | PARTIAL DEPTH<br>PATCHING<br>(TON) |
| 617+89                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 617+89                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 618+68                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 618+68                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 618+88                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 619+23                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 619+23                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 619+35                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 619+35                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 619+65                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 619+65                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 619+87                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 619+87                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 620+01                    | EB        | 10.0             | 13.0            | 8.25            | 14.4  | 6.7                                |
| 620+01                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 620+20                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 620+20                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 620+36                    | EB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 620+36                    | WB        | 4.0              | 13.0            | 8.25            | 5.8   | 2.7                                |
| 620+47                    | EB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 620+47                    | WB        | 15.0             | 13.0            | 8.25            | 21.7  | 10.0                               |
| 620+96                    | EB        | 12.0             | 13.0            | 8.25            | 17.3  | 8.0                                |
| 620+96                    | WB        | 12.0             | 13.0            | 8.25            | 17.3  | 8.0                                |
| 621+47                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 621+47                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 621+91                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 621+91                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 622+35                    | EB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| 622+35                    | WB        | 6.0              | 13.0            | 8.25            | 8.7   | 4.0                                |
| TOTAL =                   |           |                  |                 |                 | 4714.8                                      | 2178.3                             |
| USE =                     |           |                  |                 |                 | 4715.0                                      | 2179.0                             |

| 28000400 PERIMETER EROSION BARRIER |           |    |           |        |
|------------------------------------|-----------|----|-----------|--------|
| SIDE                               | STATION   | TO | STATION   | FOOT   |
| LT & RT                            | 179+50.00 | TO | 181+25.00 | 350.0  |
| RT                                 | 217+00.00 | TO | 220+50.00 | 350.0  |
| LT                                 | 218+50.00 | TO | 219+50.00 | 100.0  |
| RT                                 | 225+00.00 | TO | 226+00.00 | 100.0  |
| LT                                 | 226+50.00 | TO | 228+00.00 | 150.0  |
| RT                                 | 227+50.00 | TO | 228+25.00 | 75.0   |
| LT & RT                            | 251+00.00 | TO | 252+50.00 | 300.0  |
| RT                                 | 273+00.00 | TO | 274+00.00 | 100.0  |
| LT                                 | 323+50.00 | TO | 324+50.00 | 100.0  |
| LT & RT                            | 334+50.00 | TO | 339+00.00 | 900.0  |
| LT                                 | 358+00.00 | TO | 359+50.00 | 150.0  |
| RT                                 | 358+00.00 | TO | 361+00.00 | 300.0  |
| LT & RT                            | 402+00.00 | TO | 403+50.00 | 300.0  |
| LT & RT                            | 468+00.00 | TO | 469+50.00 | 300.0  |
| TOTAL =                            |           |    |           | 3575.0 |
| USE =                              |           |    |           | 3575.0 |

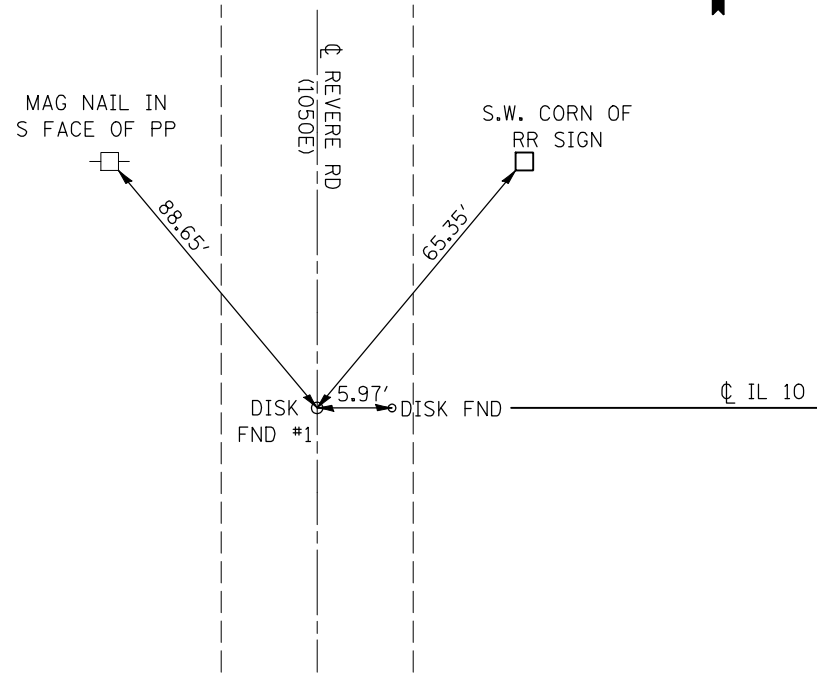
| STATION             | XZ193400<br>SURVEY<br>MARKER<br>TY 2, (SPECIAL)<br>(EACH) | Z0070100<br>SURVEY<br>MONUMENT<br>COVER ASSEMBLY<br>(EACH) |
|---------------------|---|--|
| 93+14.45 0.13' RT   |   | 1.0  |
| 189+07.74           | 1.0   |  |
| 200+76.87           | 1.0   |  |
| 230+11.82 (BK)      | 1.0   |  |
| 230+21.51 (AH)      |   |  |
| 290+55.30           | 1.0   |  |
| 302+25.59           | 1.0   |  |
| 302+35.00 (BK)      | 1.0   |  |
| 286+01.80 (AH)      |   |  |
| 305+56.80 14.90' RT |   | 1.0  |
| 358+32.52 11.73' RT |   | 1.0  |
| 433+14.12           | 1.0   |  |
| 443+44.68           | 1.0   |  |
| 453+75.12           | 1.0   |  |
| 519+76.16 0.58' LT  |   | 1.0  |
| 522+15.46           | 1.0   |  |
| 532+15.46           | 1.0   |  |
| 542+15.14           | 1.0   |  |
| 552+15.14           | 1.0   |  |
| 562+14.84           | 1.0   |  |
| TOTAL =             |   | 4.0  |

| PAVEMENT MARKING SCHEDULE        |    |           |          |          |          |          |                             |    |           |      |                  |                                    |    |           |                |          |                                      |    |           |         |          |                                    |          |           |    |           |        |                 |
|----------------------------------|----|-----------|----------|----------|----------|----------|-----------------------------|----|-----------|------|------------------|------------------------------------|----|-----------|----------------|----------|--------------------------------------|----|-----------|---------|----------|------------------------------------|----------|-----------|----|-----------|--------|-----------------|
| 78001110                         |    |           |          |          |          |          | 70300100                    |    |           |      |                  | 78100100                           |    |           |                |          | 70300220                             |    |           |         |          | 70301000                           |          |           |    |           |        |                 |
| PAINT PAVEMENT MARKING - LINE 4" |    |           |          |          |          |          | SHORT TERM PAVEMENT MARKING |    |           |      |                  | RAISED REFLECTIVE PAVEMENT MARKERS |    |           |                |          | TEMPORARY PAVEMENT MARKING - LINE 4" |    |           |         |          | WORK ZONE PAVEMENT MARKING REMOVAL |          |           |    |           |        |                 |
| STATION                          | TO | STATION   | (FEET)   | (WHITE)  | (YELLOW) | (YELLOW) | STATION                     | TO | STATION   | APPS | LENGTH<br>(FOOT) | STATION                            | TO | STATION   | RATE<br>(FEET) | (EACH)   | STATION                              | TO | STATION   | (FEET)  | (WHITE)  | (YELLOW)                           | (YELLOW) | STATION   | TO | STATION   | (FOOT) | AREA<br>(SQ FT) |
|                                  |    |           |          | (SOLID)  | (SOLID)  | (DASH)   |                             |    |           |      |                  |                                    |    |           |                |          |                                      |    |           |         | (SOLID)  | (SOLID)                            | (DASH)   |           |    |           |        |                 |
| 92+50.00                         | TO | 230+11.82 | 13,761.8 | 27,523.6 | 1,362.0  | 3,440.5  | 92+50.00                    | TO | 133+08.51 | 3.0  | 1217.6           | 92+50.00                           | TO | 230+11.82 | 80.0           | 172.0    | 92+50.00                             | TO | 230+11.82 | 13761.8 | 27523.6  | 1,362.0                            | 3440.5   | 92+50.00  | TO | 230+11.82 | 1376.2 | 454.1           |
| 230+21.51                        | TO | 238+00.00 | 778.5    | 1,557.0  | 780.0    | 194.6    | 133+08.51                   | TO | 148+12.89 | 2.0  | 300.9            | 230+21.51                          | TO | 238+00.00 | 80.0           | 10.0     | 230+21.51                            | TO | 238+00.00 | 778.5   | 1557.0   | 780.0                              | 194.6    | 230+21.51 | TO | 238+00.00 | 77.8   | 25.7            |
| 249+00.00                        | TO | 302+35.00 | 5,335.0  | 10,670.0 | 4,560.0  | 1,333.8  | 148+12.89                   | TO | 228+25.73 | 3.0  | 2403.9           | 249+00.00                          | TO | 302+35.00 | 80.0           | 67.0     | 249+00.00                            | TO | 302+35.00 | 5335.0  | 10670.0  | 4,560.0                            | 1333.8   | 249+00.00 | TO | 302+35.00 | 533.5  | 176.1           |
| 286+01.80                        | TO | 623+07.00 | 33,705.2 | 67,410.4 | 7,419.0  | 8,426.3  | 228+25.73                   | TO | 238+00.00 | 2.0  | 194.9            | 286+01.80                          | TO | 623+07.00 | 80.0           | 421.0    | 286+01.80                            | TO | 623+07.00 | 33705.2 | 67410.4  | 7,419.0                            | 8426.3   | 286+01.80 | TO | 623+07.00 | 3370.5 | 1112.3          |
| TOTAL =                          |    |           |          | 107161.0 | 14121.0  | 13395.1  | 249+00.00                   | TO | 252+02.44 | 3.0  | 90.7             | TOTAL =                            |    |           |                | 670.0    | TOTAL =                              |    |           |         | 107161.0 | 14121.0                            | 13395.1  | TOTAL =   |    |           | 1768.2 |                 |
| USE =                            |    |           |          | 107161.0 | 14121.0  | 13396.0  | 252+02.44                   | TO | 263+47.14 | 2.0  | 228.9            | USE =                              |    |           |                | 670.0    | USE =                                |    |           |         | 107161.0 | 14121.0                            | 13396.0  | USE =     |    |           | 1769.0 |                 |
| TOTAL LENGTH =                   |    |           |          | 134678.0 |          |          | 263+47.14                   | TO | 302+35.00 | 3.0  | 1166.4           | TOTAL LENGTH =                     |    |           |                | 134678.0 |                                      |    |           |         |          |                                    |          |           |    |           |        |                 |
|                                  |    |           |          |          |          |          | 286+01.80                   | TO | 345+62.66 | 3.0  | 1788.3           |                                    |    |           |                |          |                                      |    |           |         |          |                                    |          |           |    |           |        |                 |
|                                  |    |           |          |          |          |          | 345+62.66                   | TO | 355+28.37 | 2.0  | 183.1            |                                    |    |           |                |          |                                      |    |           |         |          |                                    |          |           |    |           |        |                 |
|                                  |    |           |          |          |          |          | 355+28.37                   | TO | 360+00.00 | 3.0  | 141.5            |                                    |    |           |                |          |                                      |    |           |         |          |                                    |          |           |    |           |        |                 |
|                                  |    |           |          |          |          |          | 360+00.00                   | TO | 373+16.50 | 2.0  | 263.3            |                                    |    |           |                |          |                                      |    |           |         |          |                                    |          |           |    |           |        |                 |
|                                  |    |           |          |          |          |          | 373+16.50                   | TO | 623+07.00 | 3.0  | 7497.2           |                                    |    |           |                |          |                                      |    |           |         |          |                                    |          |           |    |           |        |                 |
|                                  |    |           |          |          |          |          | TOTAL =                     |    |           |      | 15486.5          |                                    |    |           |                |          |                                      |    |           |         |          |                                    |          |           |    |           |        |                 |
|                                  |    |           |          |          |          |          | USE =                       |    |           |      | 15487.0          |                                    |    |           |                |          |                                      |    |           |         |          |                                    |          |           |    |           |        |                 |

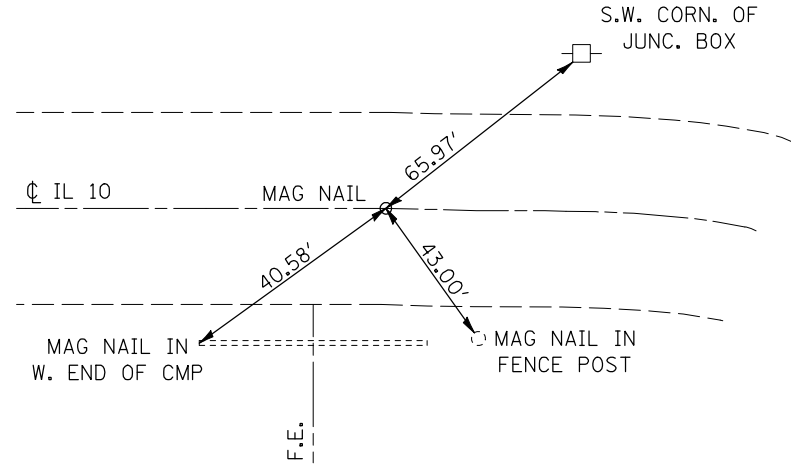
NOTE: QUANTITIES FOR SOLID YELLOW LINES ARE ESTIMATED FROM FIELD MEASUREMENTS, LOCATIONS SHOULD BE VERIFIED IN THE FIELD PRIOR TO REMOVAL.

|  |                   |            |           |   |                               |   |                  |                           |                 |              |
|--|-------------------|------------|-----------|---|-------------------------------|---|------------------|---------------------------|-----------------|--------------|
| FILE NAME =                              | USER NAME = ogleb | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SCHEDULE OF QUANTITIES</b> | F.A.P.<br>RTE.                          | SECTION          | COUNTY                    | TOTAL<br>SHEETS | SHEET<br>NO. |
| ca:\pwwork\pwwork\ogleb\d0106513\0570660 | sh:schedule.dgn   | DRAWN -    | REVISED - |   |                               | 721                                     | (113RS-4, 124RS) | DEWITT                    | 153             | 23           |
| PLOT SCALE = 48.0000' / IN.              |                   | CHECKED -  | REVISED - |   |                               | CONTRACT NO. 70660                      |                  | ILLINOIS FED. AID PROJECT |                 |              |
| PLOT DATE = 2/22/2011                    |                   | DATE -     | REVISED - |   |                               | SCALE: SHEET NO. OF SHEETS STA. TO STA. |                  |                           |                 |              |

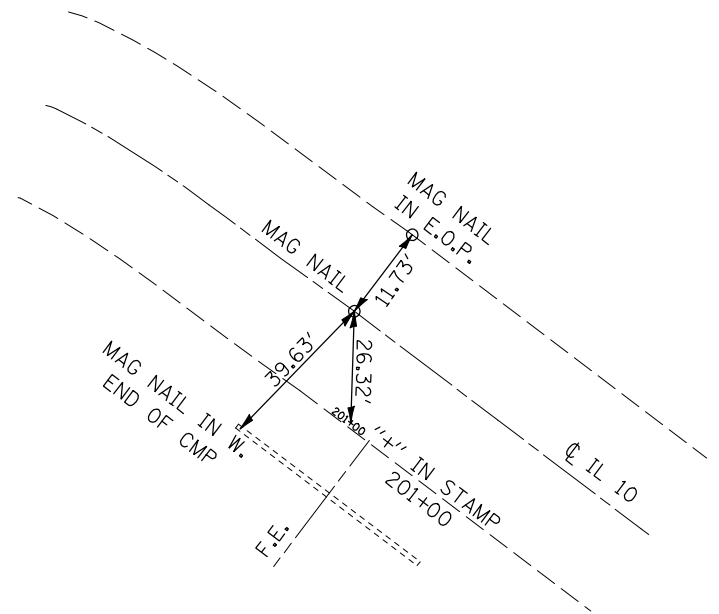
**P.O.T.**  
**66 + 33.89**



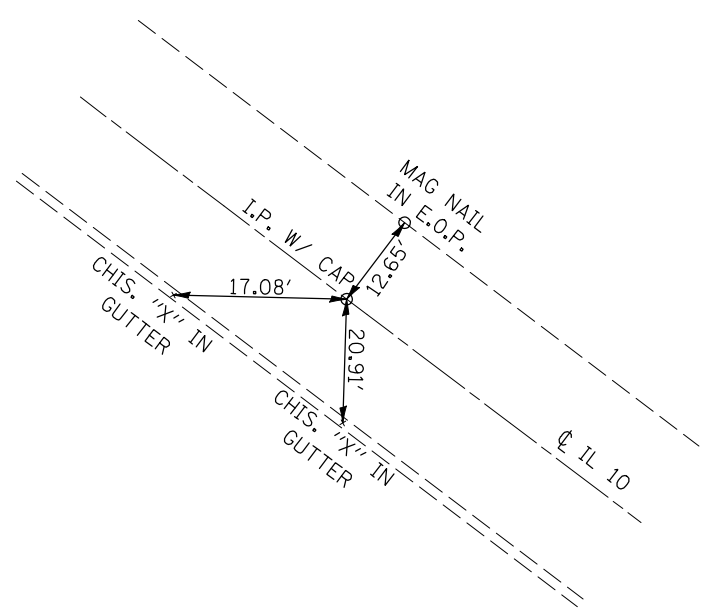
**P.C.**  
**STA. 189 + 07.74**



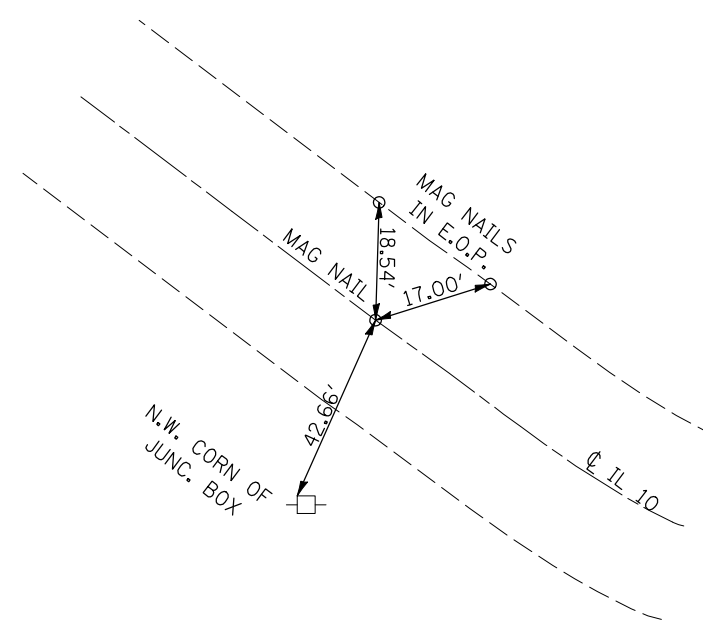
**P.T.**  
**STA. 200 + 76.87**



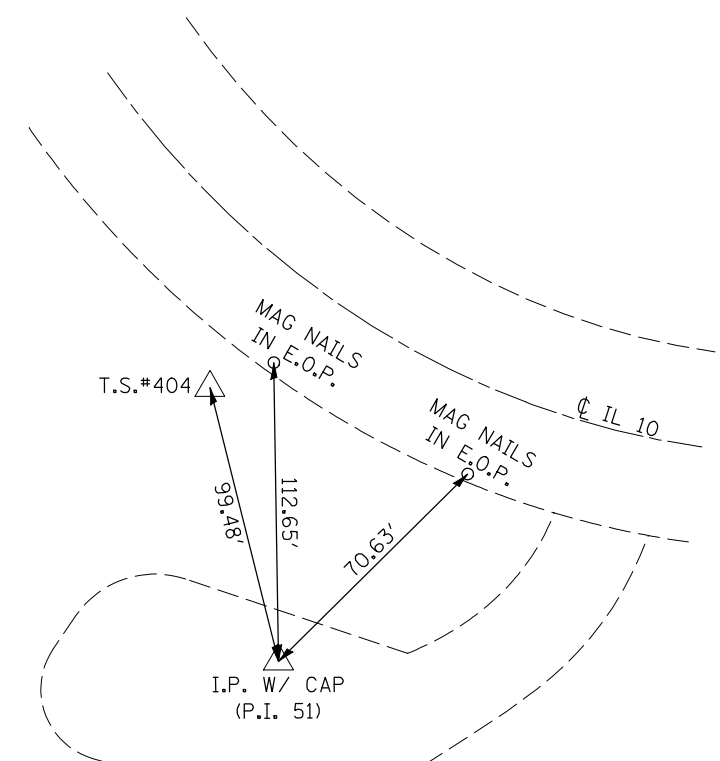
**STATION EQUATION**  
**STA. 230 + 11.87 (BK) =**  
**230 + 21.51 (AH)**



**P.C.**  
**STA. 290 + 55.30**



**P.I.**  
**STA. 296 + 55.30**



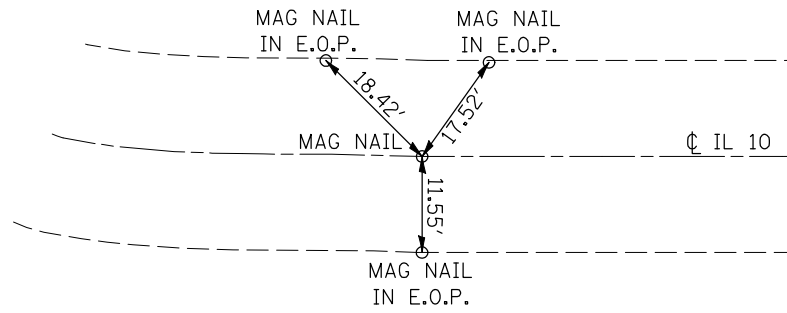
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|  |                       | CHECKED -  | REVISED - |
|  |                       | DATE -     | REVISED - |

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

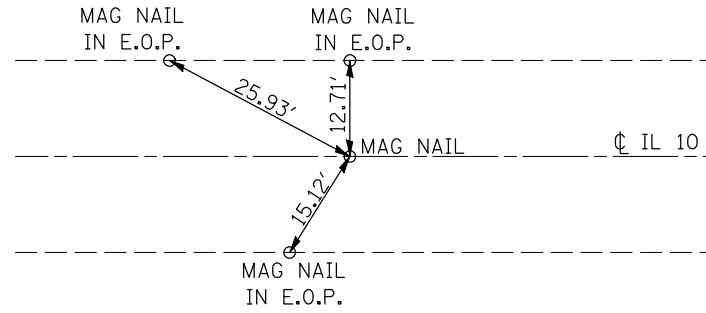
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|------------------------------|-----------|-----------|--------------|
| <b>CENTERLINE TIE POINTS</b> |           |           |              |
| SCALE:                       | SHEET NO. | OF SHEETS | STA. TO STA. |

|                           |                  |        |              |           |
|---------------------------|------------------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 24        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

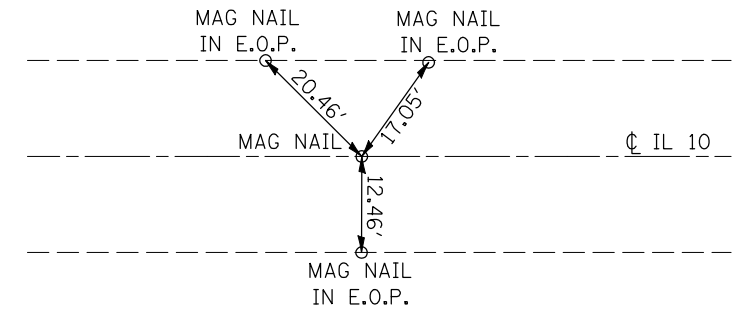
**P.T.**  
**STA. 302 + 25.59**



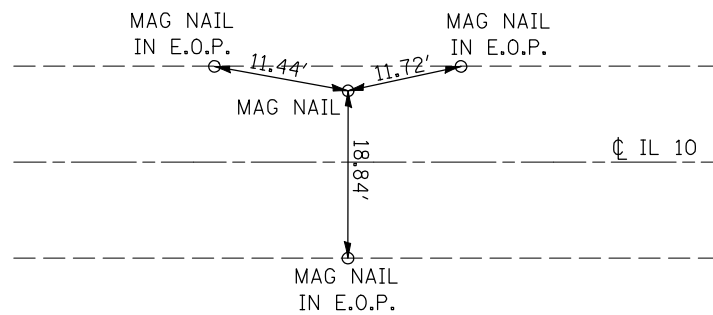
**STATION EQUATION**  
**STA. 302 + 35.00 (BK) =**  
**STA. 286 + 01.80 (AH)**



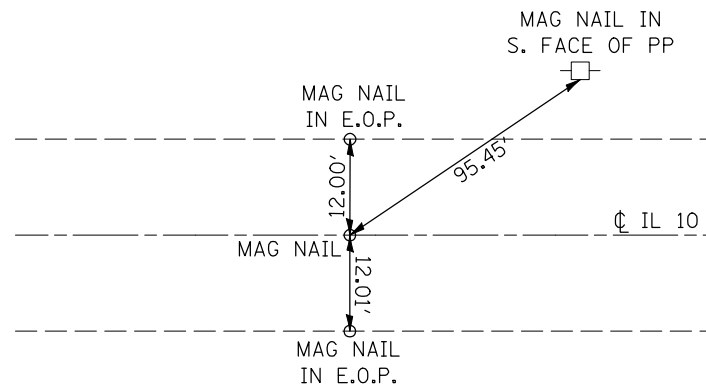
**P.C.**  
**STA. 433 + 14.12**



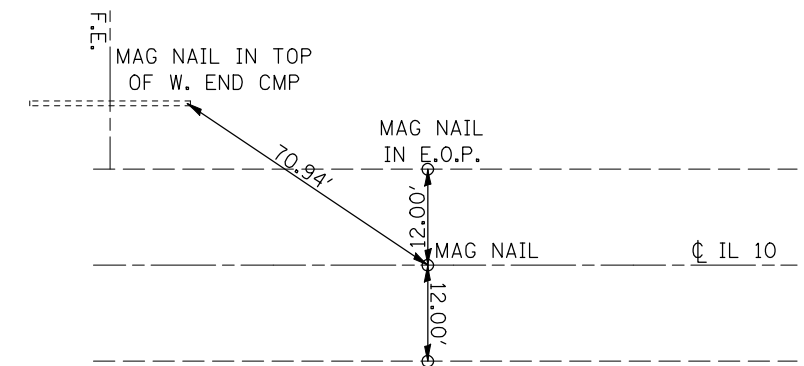
**P.I.**  
**STA. 443 + 44.68**



**P.T.**  
**STA. 453 + 75.12**



**P.C.**  
**STA. 522 + 15.46**



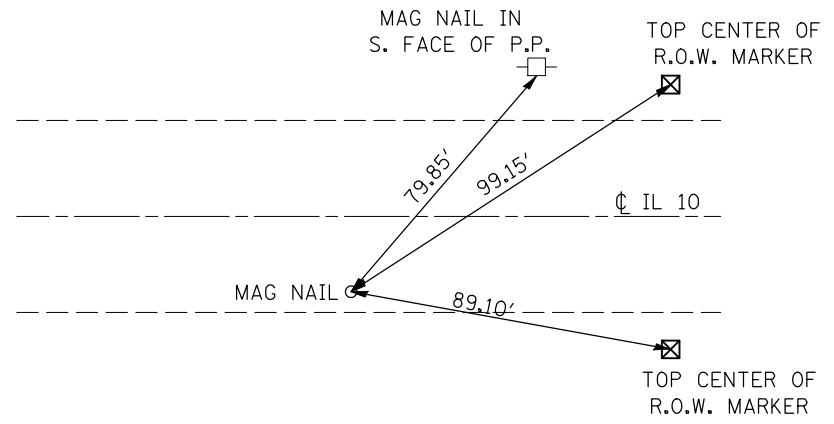
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|  | PLOT SCALE = 40.0000' / IN. | CHECKED -  | REVISED - |
|  | PLOT DATE = 2/3/2011        | DATE -     | REVISED - |

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

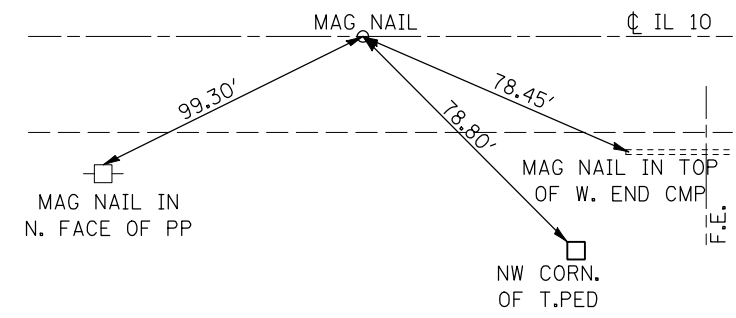
|                              |           |           |              |
|------------------------------|-----------|-----------|--------------|
| <b>CENTERLINE TIE POINTS</b> |           |           |              |
| SCALE:                       | SHEET NO. | OF SHEETS | STA. TO STA. |

|                           |                  |        |              |           |
|---------------------------|------------------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 25        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

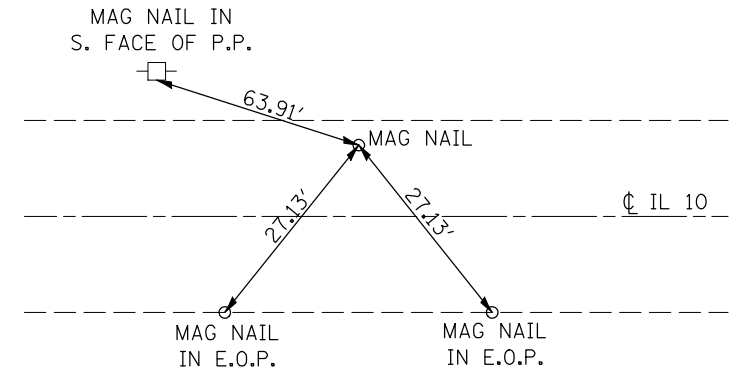
**P.I.**  
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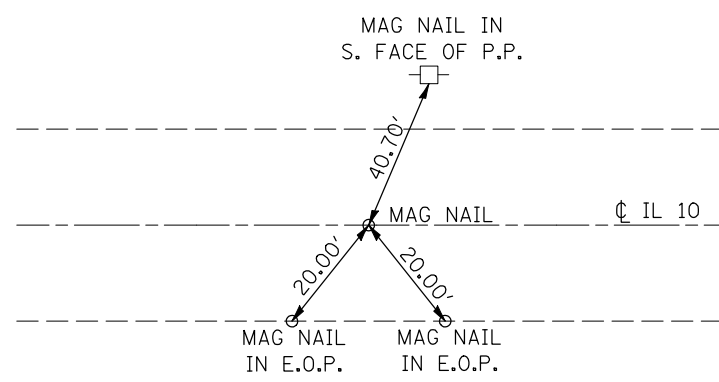
**P.R.C.**  
**STA. 542 + 15.14**



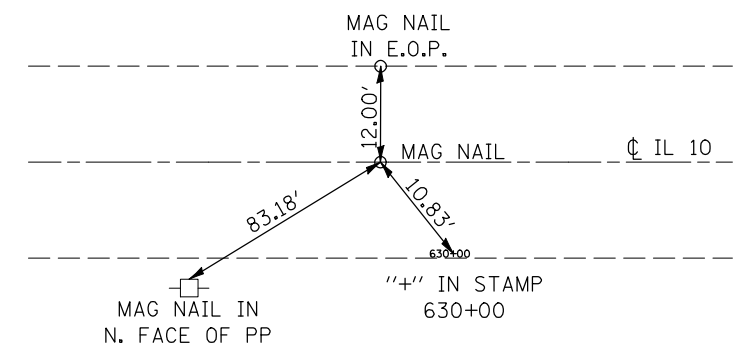
**P.I.**  
**STA. 552 + 15.14**



**P.C.**  
**STA. 562 + 14.84**



**P.O.C.**  
**STA. 629 + 91.60**



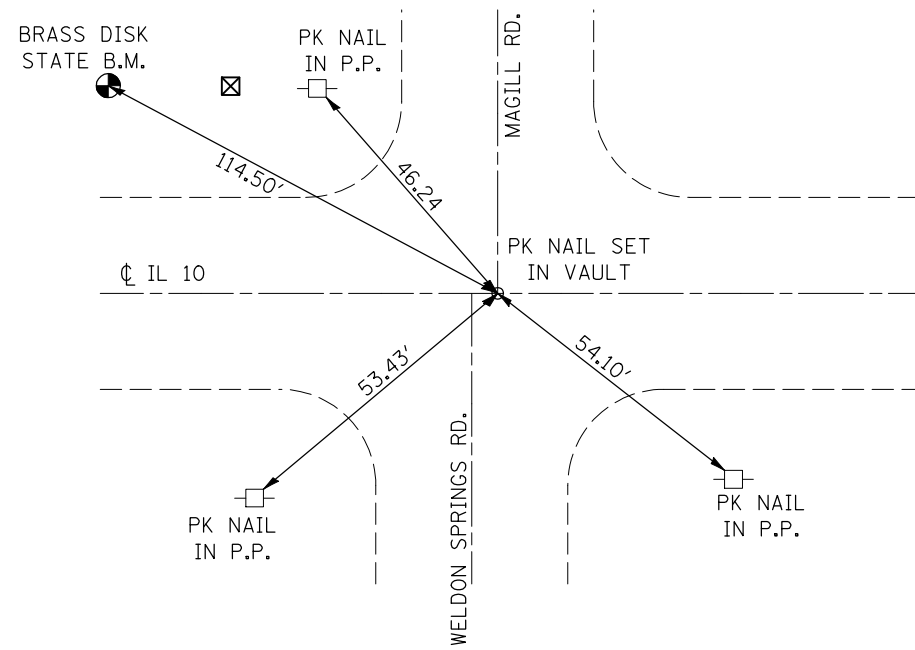
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|  | PLOT SCALE = 40.0000' / IN. | CHECKED -  | REVISED - |
|  | PLOT DATE = 2/3/2011        | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

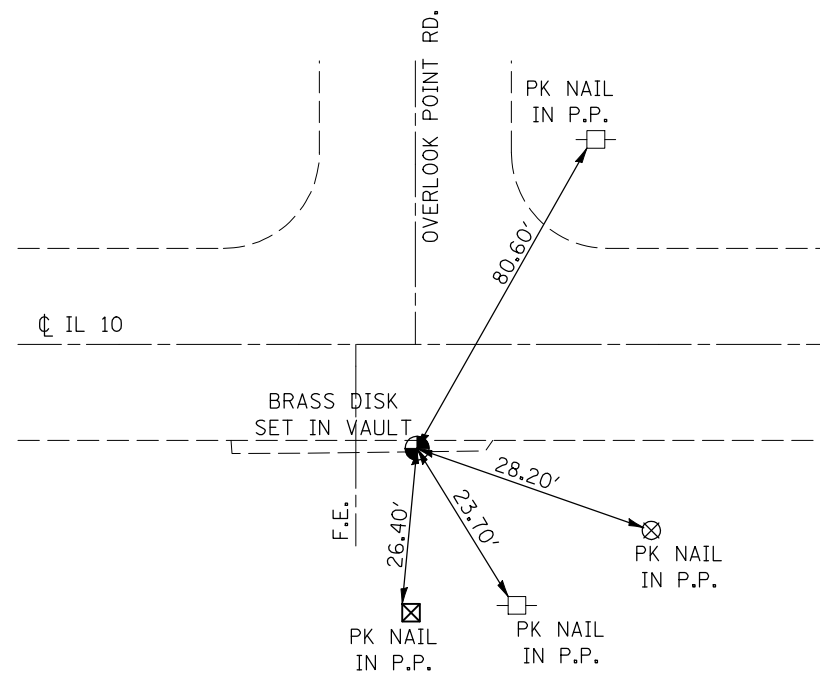
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|------------------------------|-----------|-----------|--------------|
| <b>CENTERLINE TIE POINTS</b> |           |           |              |
| SCALE:                       | SHEET NO. | OF SHEETS | STA. TO STA. |

|                           |                  |        |              |           |
|---------------------------|------------------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 26        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

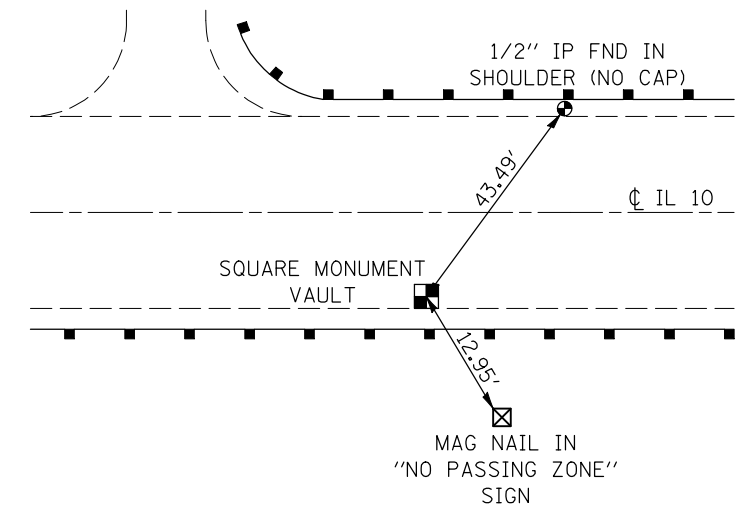
**PK NAIL  
S.E. COR. SEC. 35  
STA. 93+14.45 0.13' RT**



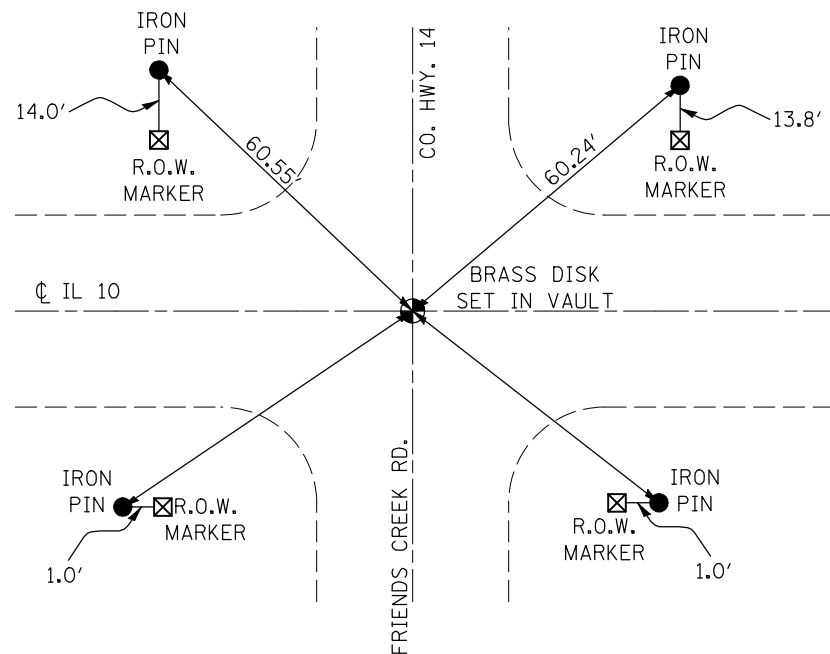
**FOUND BRASS DISK  
S.W. COR. SEC. 3  
STA. 305+56.80 14.90' RT**



**FOUND SQUARE MONUMENT  
S.E. COR. SEC. 3  
358+32.35 11.73' RT**



**FOUND BRASS DISK  
S.W. COR. SEC. 5  
STA. 519+76.16 0.58' LT**



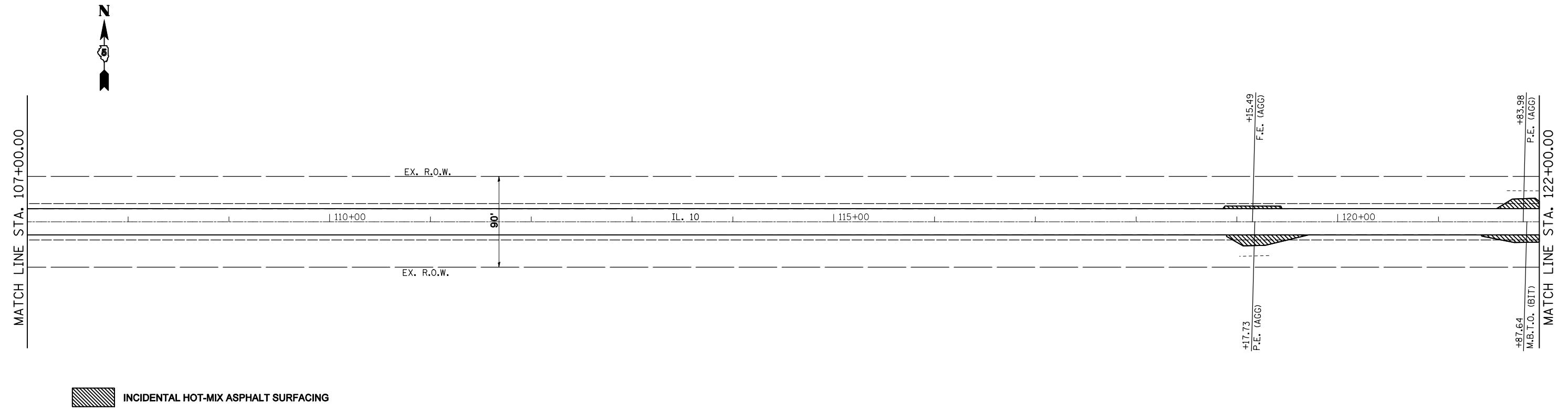
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|   | PLOT SCALE = 40.0000' / IN. | CHECKED -  | REVISED - |
|   | PLOT DATE = 2/3/2011        | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SURVEY MONUMENT TIE POINTS**

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

| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------------|--------|--------------|-----------|
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 27        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |



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| PLOT DATE = 2/3/2011  |                       | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

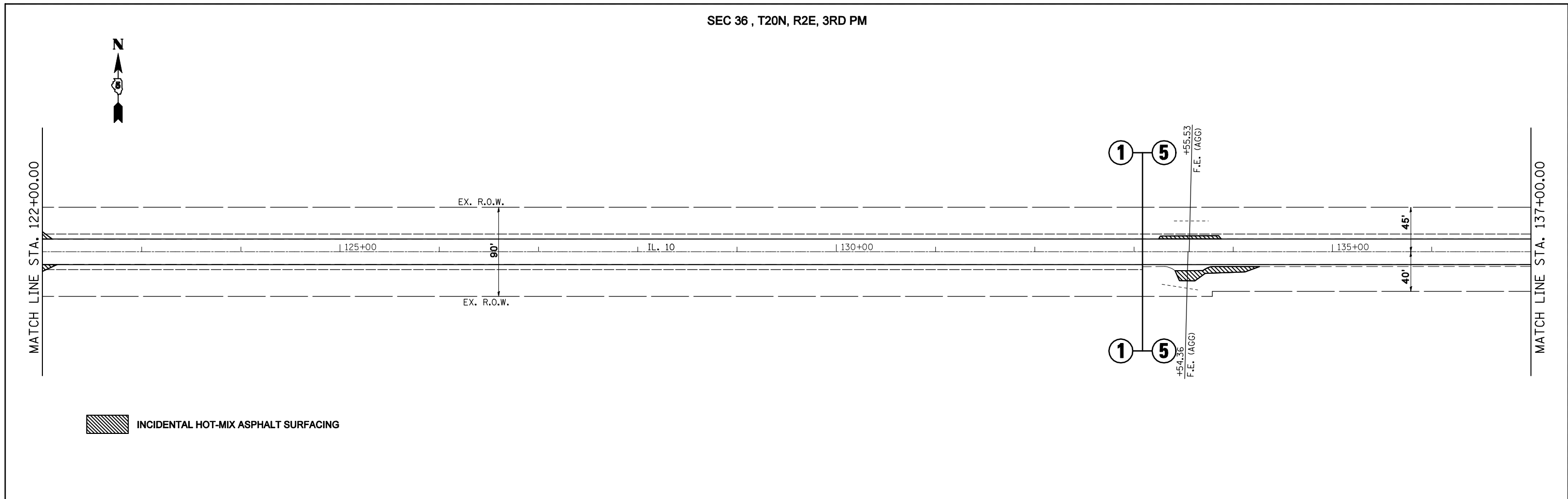
SCALE: SHEET NO. OF SHEETS STA. 92+50.00 TO STA. 122+00.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 28        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

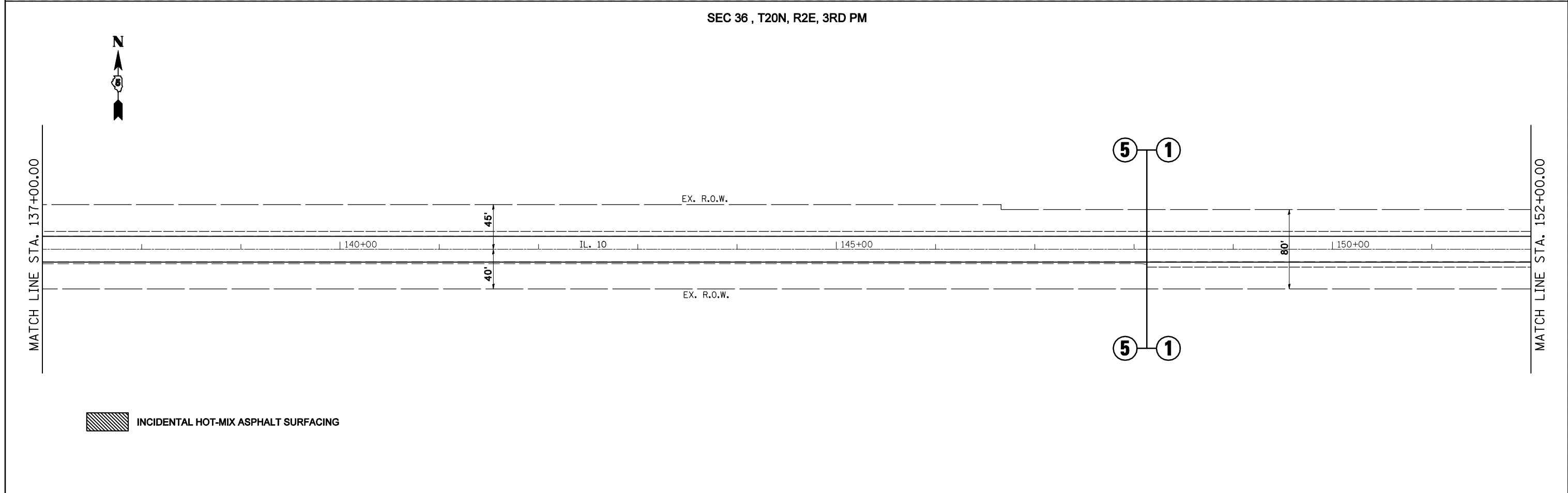
Sheet: 1 of 4524  
Date: 11/10/11



SEC 36 , T20N, R2E, 3RD PM



SEC 36 , T20N, R2E, 3RD PM



|  |                              |            |           |
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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

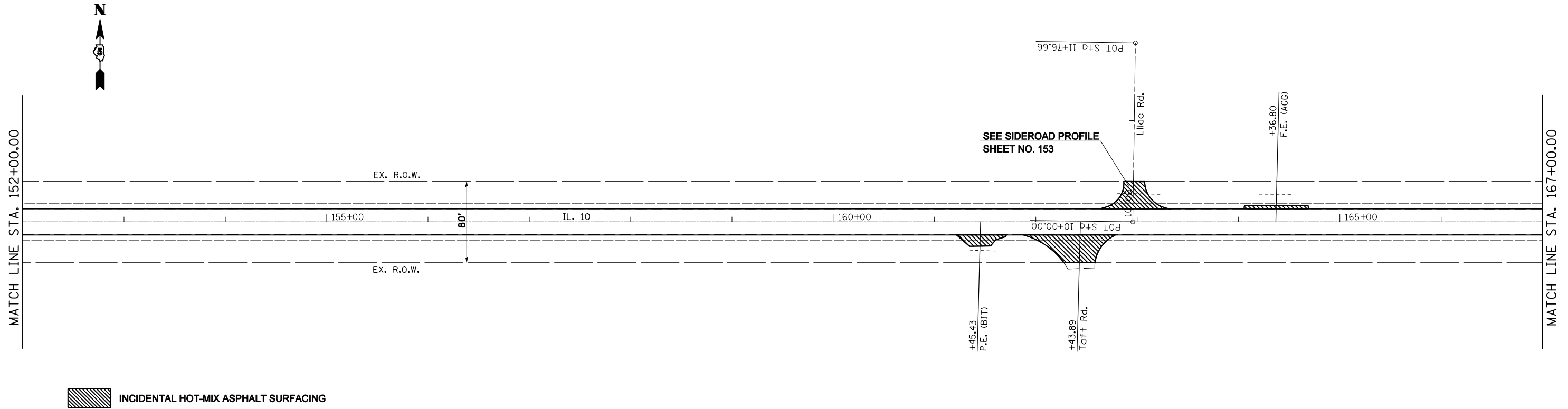
**PLAN SHEETS**

SCALE: SHEET NO. OF SHEETS STA. 122+00.00 TO STA. 152+00.00

| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|------------------|--------|--------------------|-----------|
| 721                       | (113RS-4, 124RS) | DeWitt | 153                | 29        |
| ILLINOIS FED. AID PROJECT |                  |        | CONTRACT NO. 70660 |           |

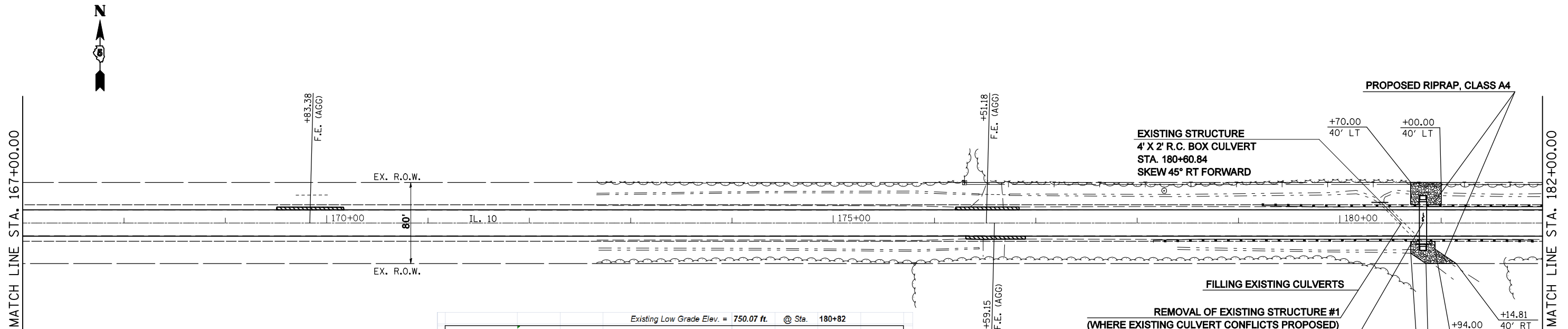
Sheet: 2 of 4524  
Date: 11/10/11

SEC 31 , T20N, R3E, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 31 , T20N, R3E, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

|                                      |           | Existing Low Grade Elev. = 750.07 ft. @ Sta. 180+82 |          | Proposed Low Grade Elev. = 750.07 ft. @ Sta. 180+82 |                |          |          |          |          |
|--------------------------------------|-----------|---|----------|---|----------------|----------|----------|----------|----------|
| Drainage Area = 0.1 mi. <sup>2</sup> |           | Opening Sq. Ft.                                     |          | Head - Ft.  |                |          |          |          |          |
| Flood                                | Freq. Yr. | Q C.F.S.  | Existing | Proposed  | Natural H.W.E. | Existing | Proposed | Existing | Proposed |
| Design                               | 10        | 50  | 10       | 14  |                |          |          | 750.7    | 748.2    |
| Base                                 | 50        | 86  | 10       | 15  |                |          |          | Over     | 749.3    |
| Overtopping                          | 100       | 103   | 10       | 15  |                |          |          | Over     | 749.9    |
| Max. Calc.                           | 500       | 146   | 10       | 15  |                |          |          | Over     | Over     |

10 YEAR VELOCITY THROUGH EXISTING BRIDGE: 9.9 ft/s      10 YEAR VELOCITY THROUGH PROPOSED BRIDGE: 4.39 ft/s  
 ALL-TIME H.W.E. & DATE: Unknown

**PROPOSED RIPRAP, CLASS A4**

**EXISTING STRUCTURE**  
 4' X 2' R.C. BOX CULVERT  
 STA. 180+60.84  
 SKEW 45° RT FORWARD

**FILLING EXISTING CULVERTS**

**REMOVAL OF EXISTING STRUCTURE #1**  
 (WHERE EXISTING CULVERT CONFLICTS PROPOSED)

**PROPOSED STRUCTURE**  
 S.N. 020-8042  
 PRECAST BOX CULVERT (M273)  
 W/ PRECAST END SECTIONS  
 6' X 3' X 42' (LT - 21', RT - 21')  
 NO SKEW  
 STA. 180+82.00  
 U.S.F.L. = 745.39  
 D.S.F.L. = 745.19

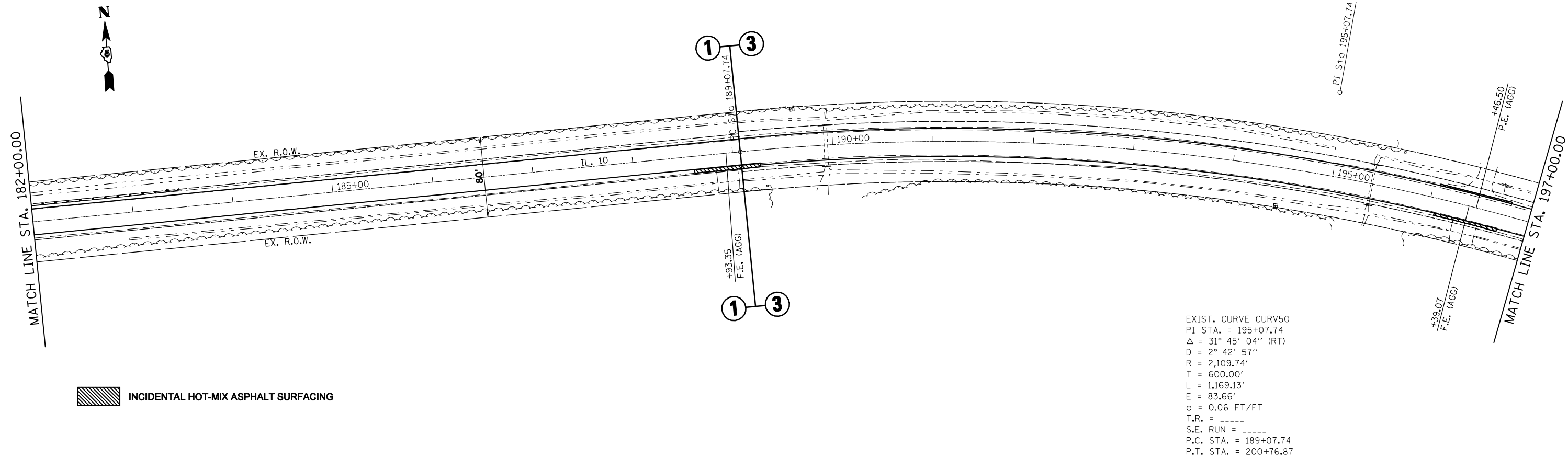
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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

|             |           |           |                                  |
|-------------|-----------|-----------|----------------------------------|
| PLAN SHEETS |           |           |                                  |
| SCALE:      | SHEET NO. | OF SHEETS | STA. 152+00.00 TO STA. 182+00.00 |

|                    |                  |        |                           |           |
|--------------------|------------------|--------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 30        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

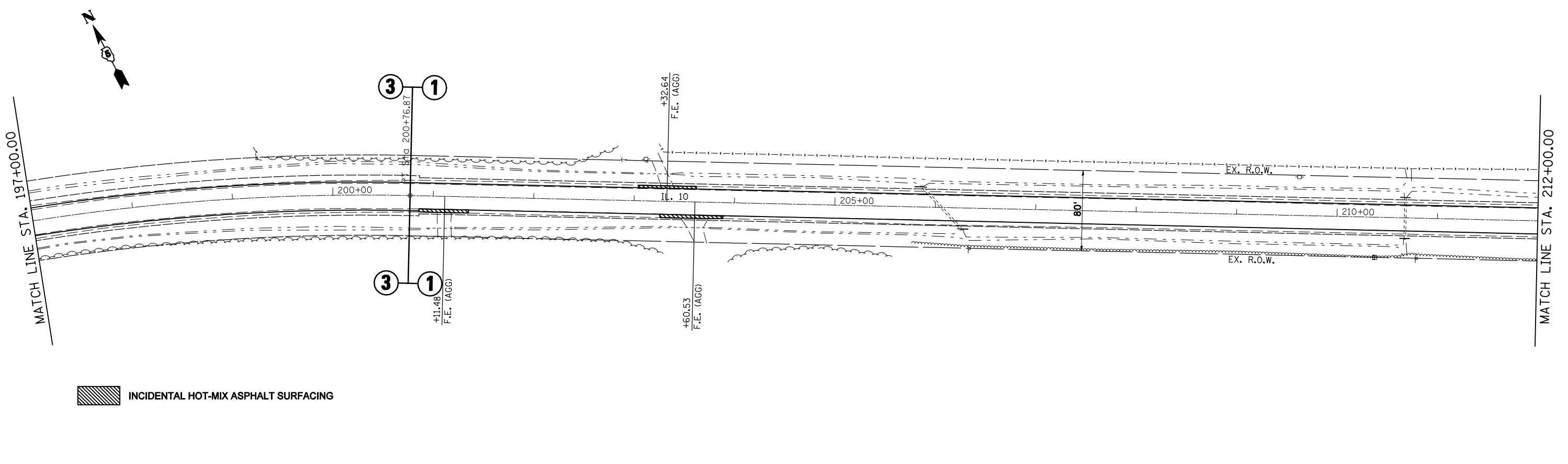
SEC 31, T20N, R3E, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

EXIST. CURVE CURV50  
 PI STA. = 195+07.74  
 $\Delta$  = 31° 45' 04'' (RT)  
 D = 2° 42' 57''  
 R = 2,109.74'  
 T = 600.00'  
 L = 1,169.13'  
 E = 83.66'  
 e = 0.06 FT/FT  
 T.R. = ---  
 S.E. RUN = ---  
 P.C. STA. = 189+07.74  
 P.T. STA. = 200+76.87

SEC 5, T19N, R3E, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

|  |                       |            |           |
|--|-----------------------|------------|-----------|
| FILE NAME =  | USER NAME = coombessf | DESIGNED - | REVISED - |
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| PLOT DATE = 2/3/2011   |                       | DATE -     | REVISED - |

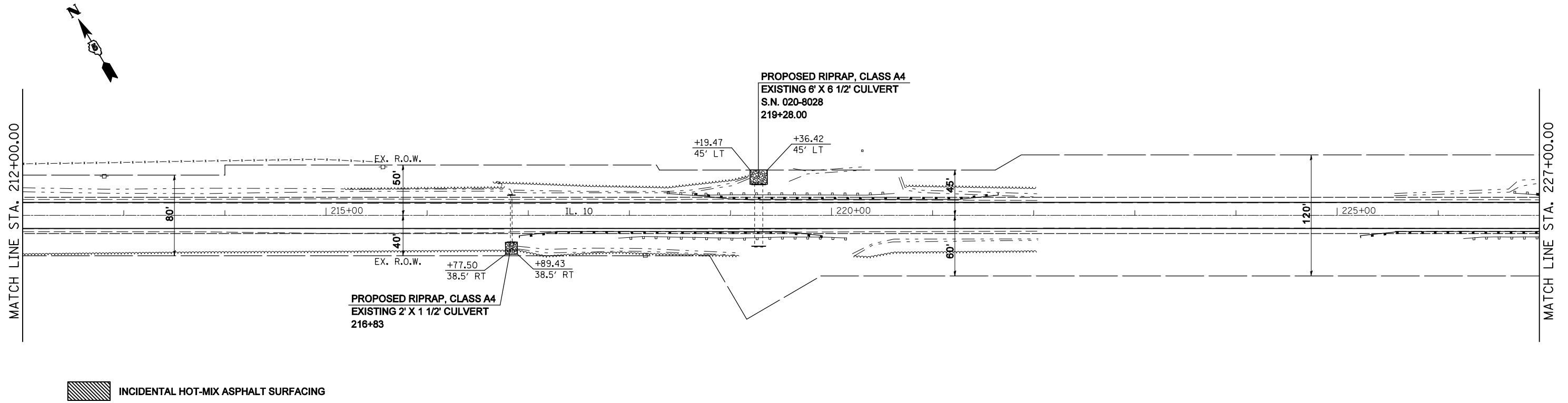
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

|             |           |           |                                  |
|-------------|-----------|-----------|----------------------------------|
| PLAN SHEETS |           |           |                                  |
| SCALE:      | SHEET NO. | OF SHEETS | STA. 182+00.00 TO STA. 212+00.00 |

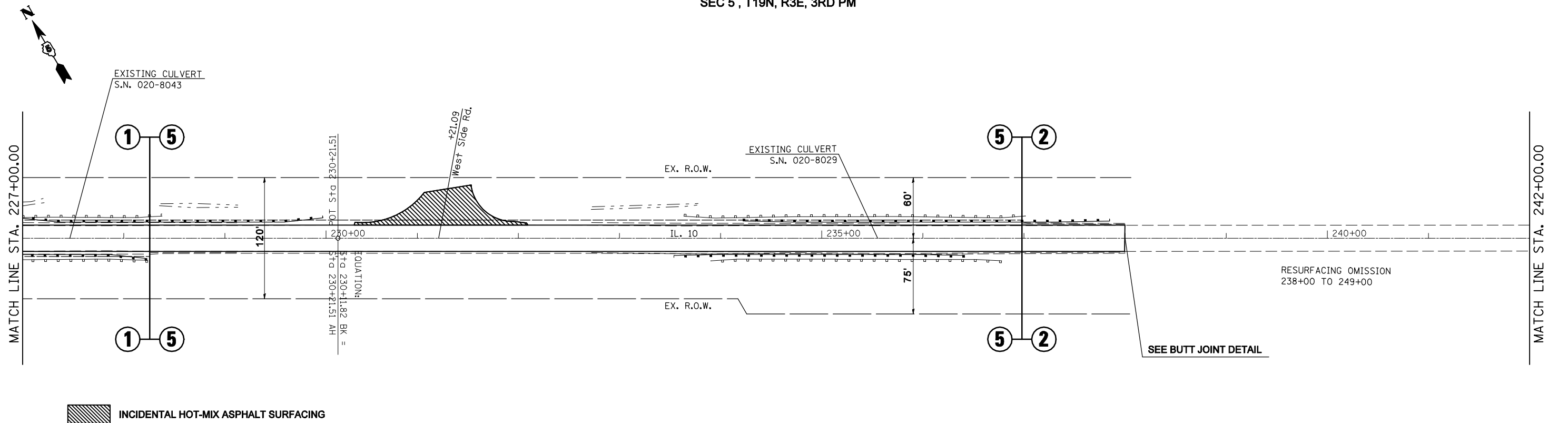
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| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 31        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 45 of 7652  
 Date: 11/10/11

SEC 5, T19N, R3E, 3RD PM



SEC 5, T19N, R3E, 3RD PM



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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

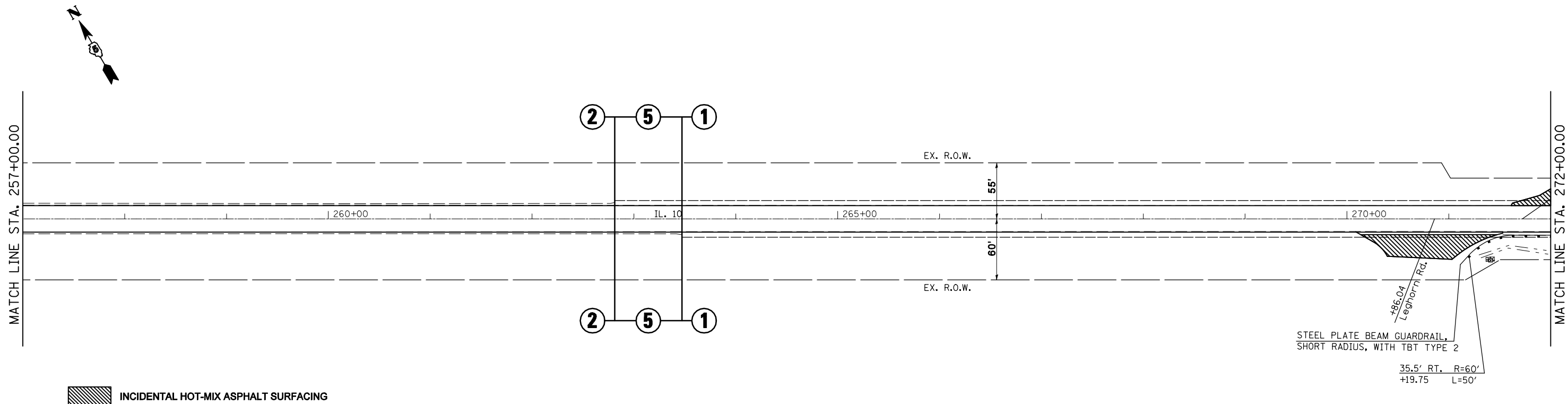
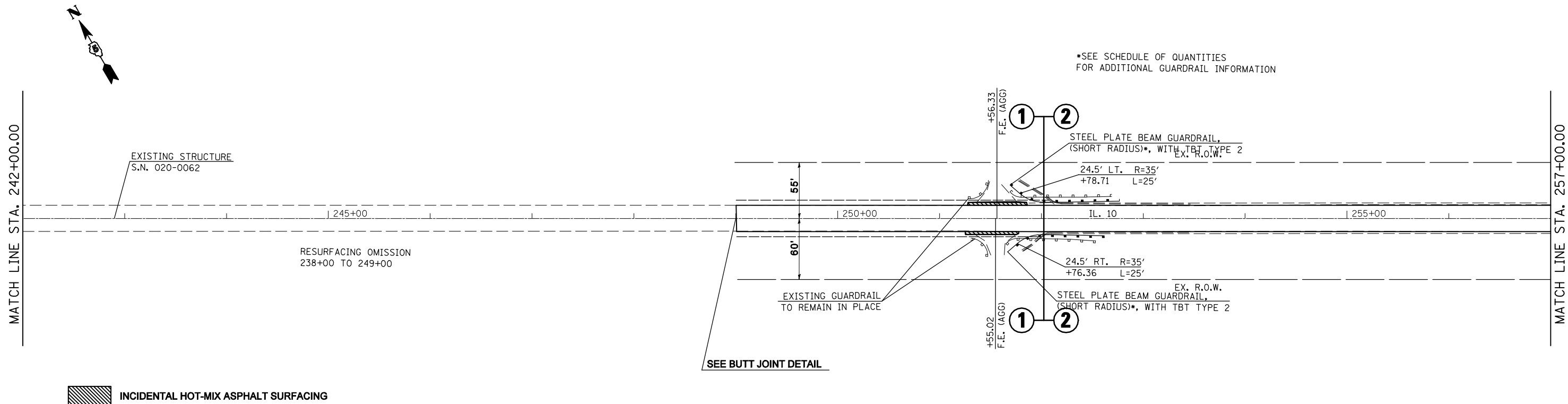
PLAN SHEETS

SCALE: SHEET NO. OF SHEETS STA. 212+00.00 TO STA. 242+00.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 32        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 32 of 7014  
Date: 11/10/11

\*SEE SCHEDULE OF QUANTITIES FOR ADDITIONAL GUARDRAIL INFORMATION



|  |                              |            |           |
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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

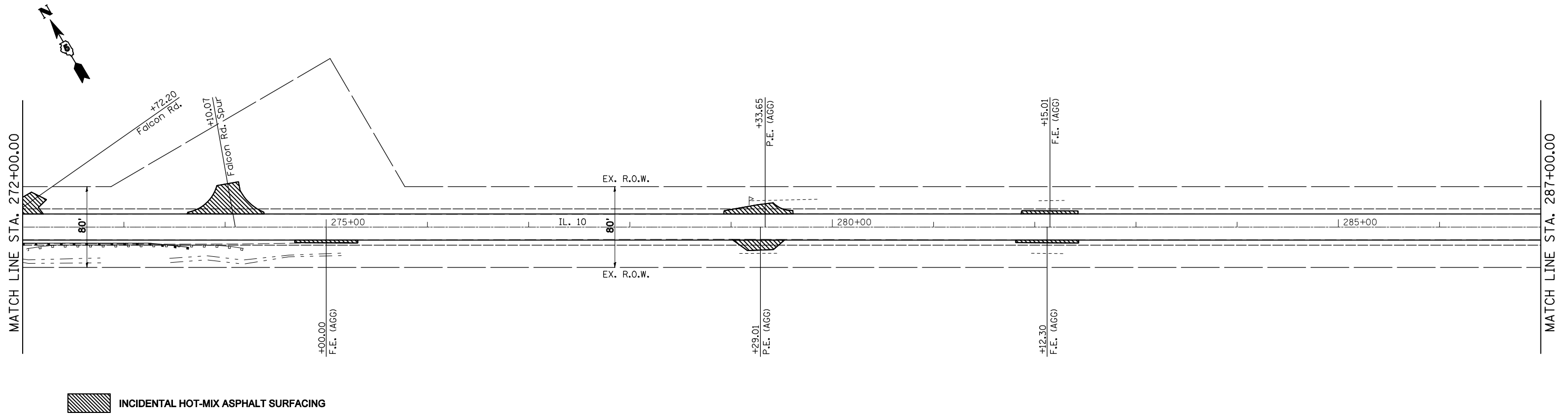
PLAN SHEETS

SCALE: SHEET NO. OF SHEETS STA. 242+00.00 TO STA. 272+00.00

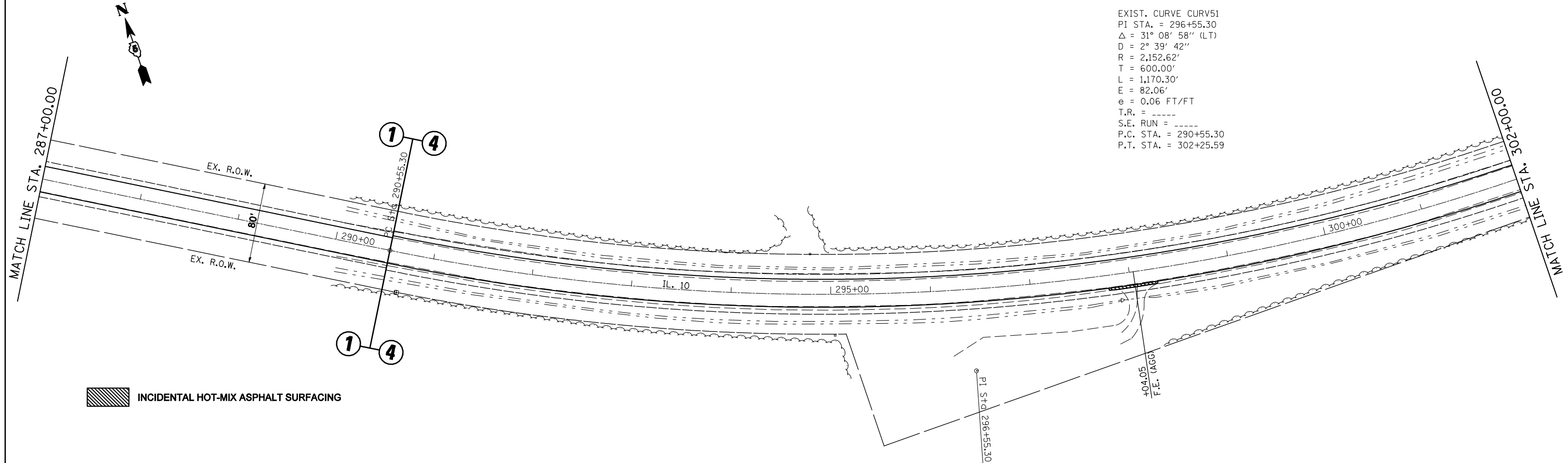
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|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 33        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 33 of 7014  
Date: 2/3/2011

SEC 4 , T19N, R3E, 3RD PM



SEC 4 , T19N, R3E, 3RD PM



EXIST. CURVE CURV51  
 PI STA. = 296+55.30  
 $\Delta = 31^\circ 08' 58''$  (LT)  
 $D = 2^\circ 39' 42''$   
 $R = 2,152.62'$   
 $T = 600.00'$   
 $L = 1,170.30'$   
 $E = 82.06'$   
 $e = 0.06$  FT/FT  
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 290+55.30$   
 $P.T. \text{ STA.} = 302+25.59$

|  |                              |            |           |
|--|------------------------------|------------|-----------|
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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

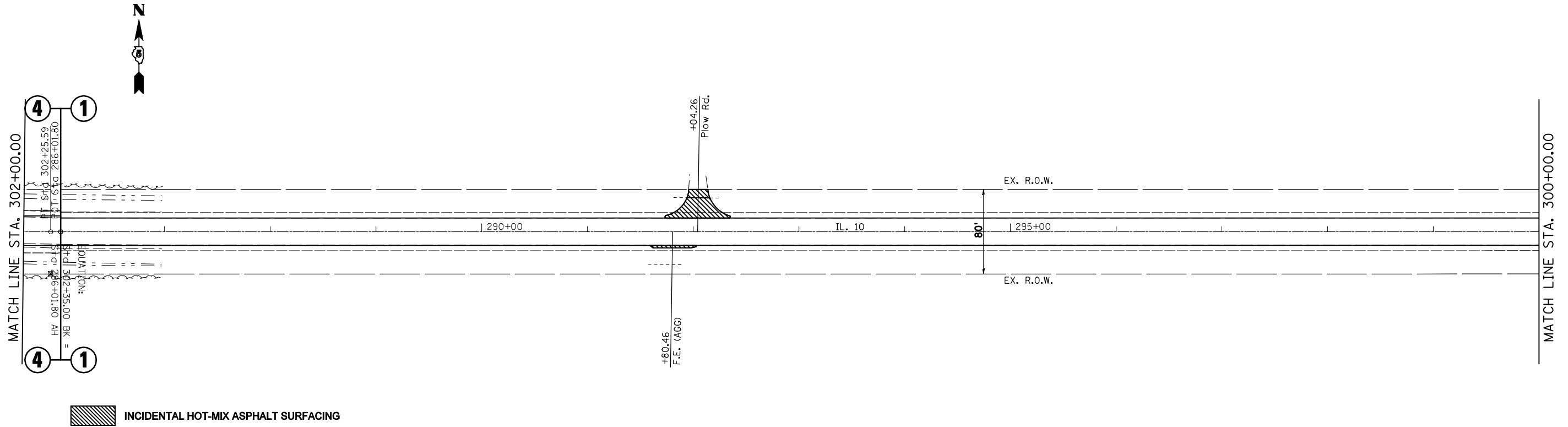
PLAN SHEETS

SCALE: SHEET NO. OF SHEETS STA. 272+00.00 TO STA. 302+00.00

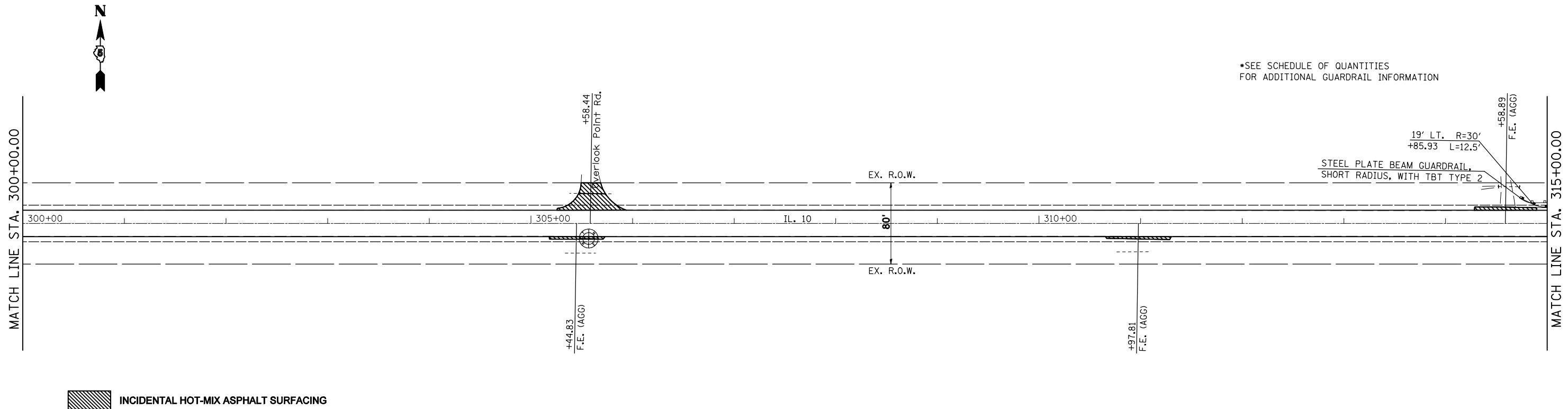
| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 34        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 34 of 7014  
 Date: 2/3/2011

SEC 4 , T19N, R3E, 3RD PM



SEC 3 , T19N, R3E, 3RD PM



\*SEE SCHEDULE OF QUANTITIES FOR ADDITIONAL GUARDRAIL INFORMATION

|  |                       |            |           |
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| PLOT DATE = 2/3/2011                           |                       | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

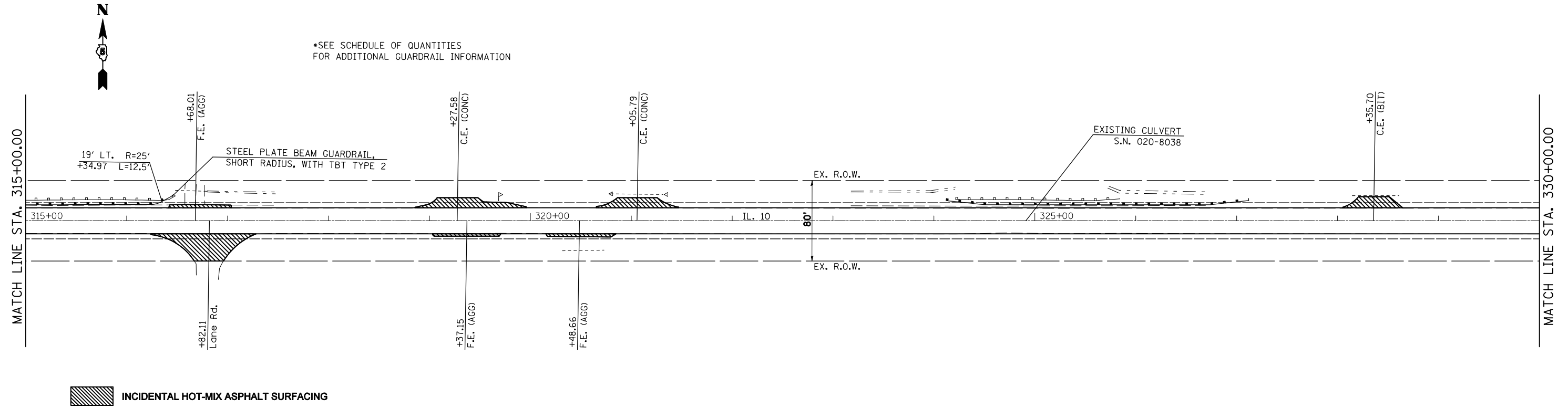
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| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 35        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

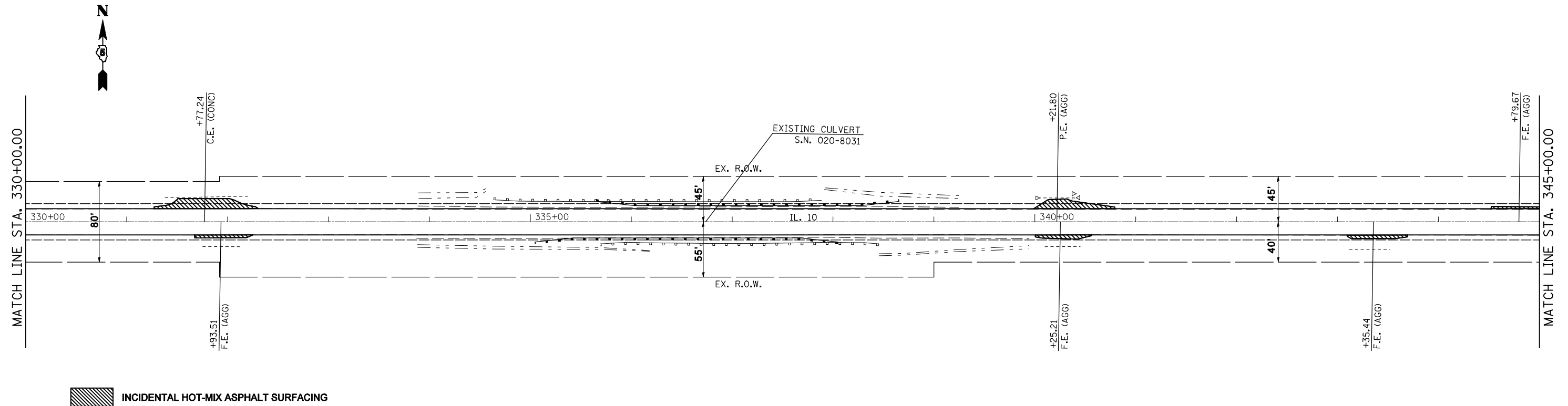
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Date: 11/10

SEC 3, T19N, R3E, 3RD PM

\*SEE SCHEDULE OF QUANTITIES  
FOR ADDITIONAL GUARDRAIL INFORMATION



SEC 3, T19N, R3E, 3RD PM



|  |                              |            |           |
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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

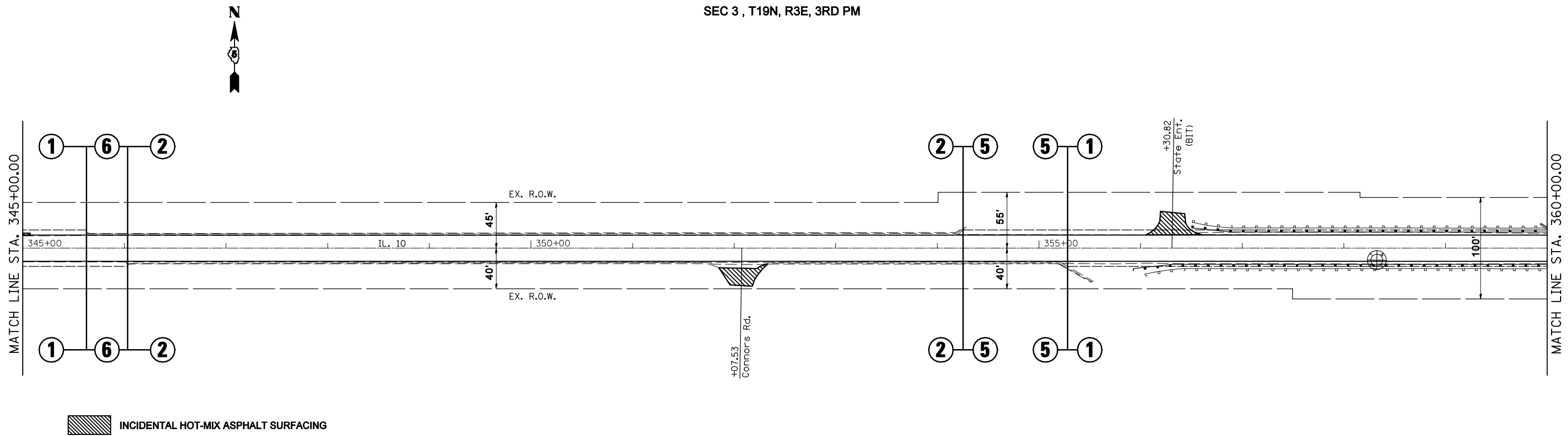
SCALE: SHEET NO. OF SHEETS STA. 315+00.00 TO STA. 345+00.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 36        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

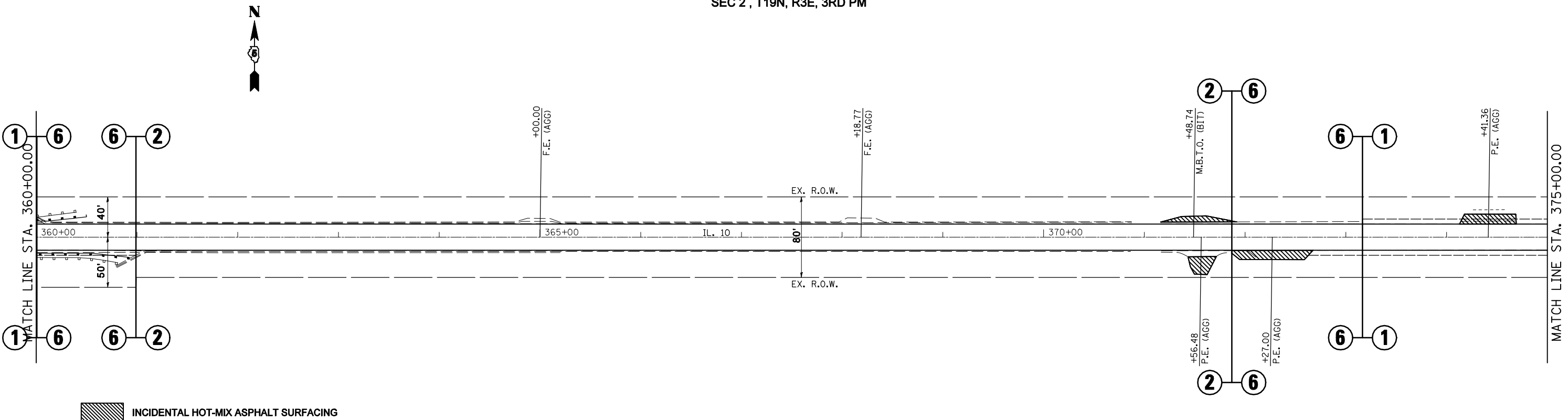
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Project: ILL10



SEC 3 , T19N, R3E, 3RD PM



SEC 2 , T19N, R3E, 3RD PM



|  |                              |            |           |
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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET NO. OF SHEETS STA. 345+00.00 TO STA. 375+00.00

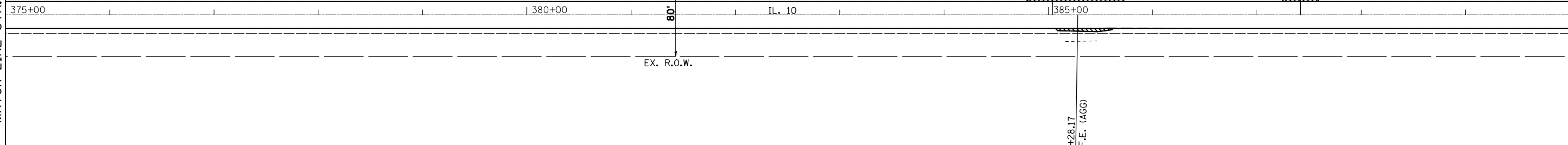
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| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 37        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 10 of 10  
Date: 2/3/2011  
Project: ILL 08509

SEC 2 , T19N, R3E, 3RD PM



MATCH LINE STA. 375+00.00



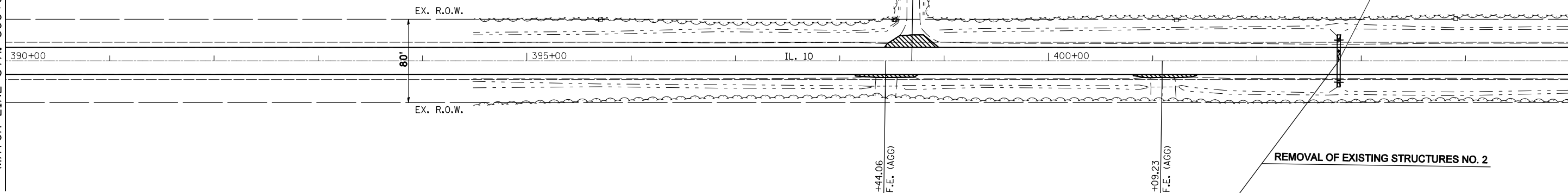
MATCH LINE STA. 390+00.00

INCIDENTAL HOT-MIX ASPHALT SURFACING

SEC 2 , T19N, R3E, 3RD PM



MATCH LINE STA. 390+00.00



MATCH LINE STA. 405+00.00

INCIDENTAL HOT-MIX ASPHALT SURFACING

|   |           | Existing Low Grade Elev. = 729.44 ft @ Sta. 402+80 |          | Proposed Low Grade Elev. = 729.44 ft @ Sta. 402+80 |            |          |                     |          |
|---|-----------|--|----------|--|------------|----------|---------------------|----------|
| Drainage Area =                                   | 8.8 acres | Opening Sq. Ft.                                    |          | Natural H.W.E.                                     | Head - Ft. |          | Headwater Elevation |          |
| Flood   | Freq. Yr. | Q C.F.S.   | Existing | Proposed   | Existing   | Proposed | Existing            | Proposed |
|   | 10        | 10   | 4        | 3  |            |          | 727.5               | 728.1    |
| Design  | 50        | 14   | 5        | 3  |            |          | 727.8               | 728.6    |
| Base  | 100       | 16   | 5        | 3  |            |          | 727.9               | 728.8    |
| Overtopping                                       |           |  |          |  |            |          |                     |          |
| Max. Calc.  | 500       |  |          |  |            |          |                     |          |
| 10 YEAR VELOCITY THROUGH EXISTING BRIDG 2.97 ft/s |           |  |          | 10 YEAR VELOCITY THROUGH PROPOSED BRIDGE 3.73 ft/s |            |          |                     |          |
| ALL-TIME H.W.E. & DATE: Unknown                   |           |  |          |  |            |          |                     |          |

EXISTING STRUCTURE  
3' x 1½' R.C. BOX CULVERT  
STA. 402+78.38

REMOVAL OF EXISTING STRUCTURES NO. 2

PROPOSED PIPE CULVERTS, CLASS A, TYPE 1  
24" ERS X 38' (LT - 19', RT - 19')  
W/ PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"  
STA. 402+78.38  
U.S.F.L. = 723.65  
D.S.F.L. = 723.59

|  |                       |            |           |
|--|-----------------------|------------|-----------|
| FILE NAME =  | USER NAME = coombessf | DESIGNED - | REVISED - |
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| PLOT SCALE = 100.0000' / IN.                                 |                       | CHECKED -  | REVISED - |
| PLOT DATE = 2/3/2011   |                       | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

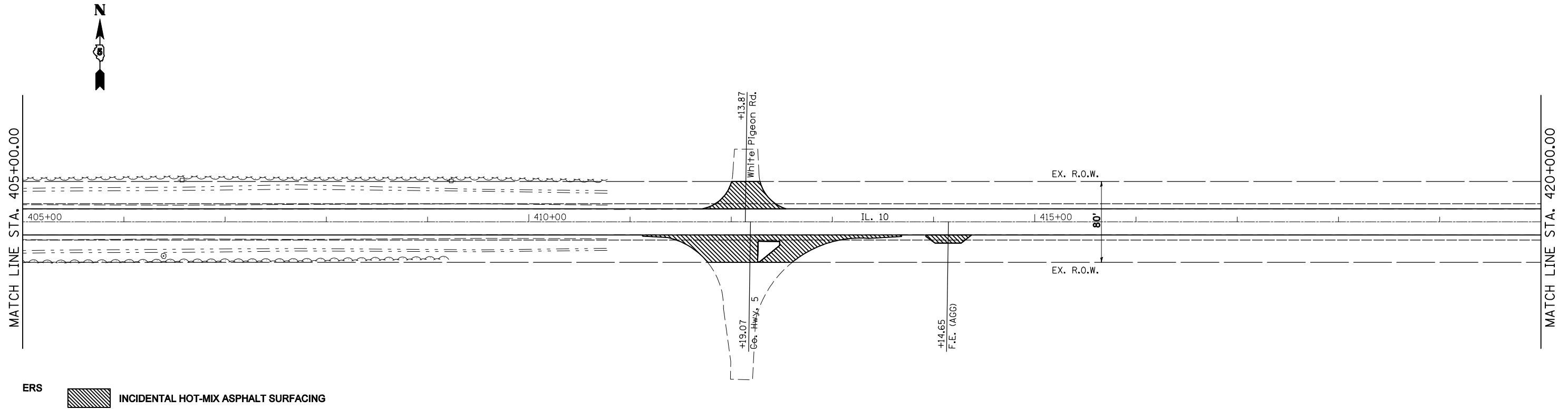
PLAN SHEETS

SCALE: SHEET NO. OF SHEETS STA. 375+00.00 TO STA. 405+00.00

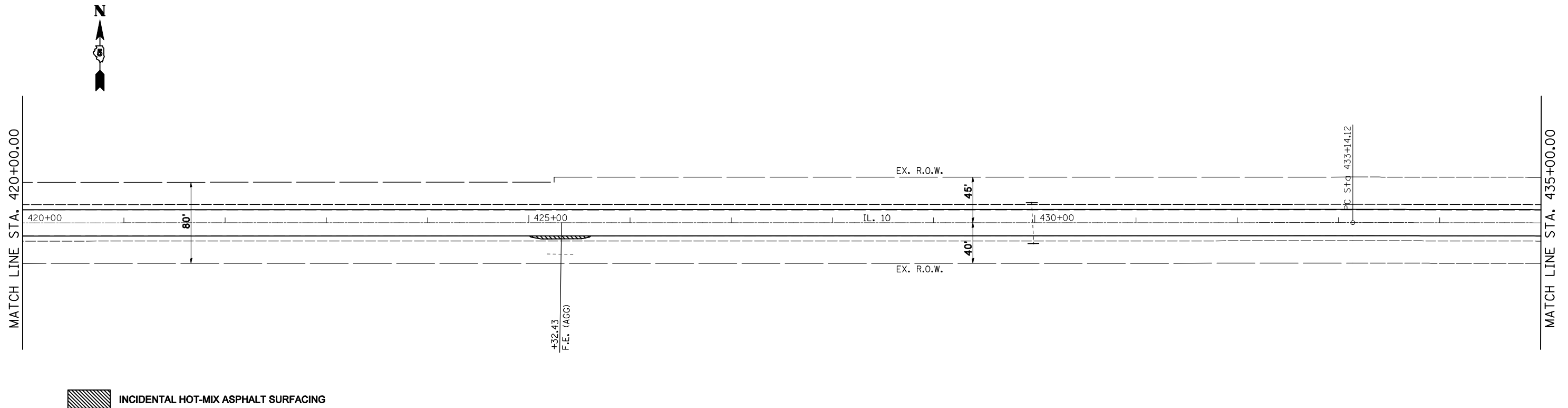
| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 38        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 110-8509

SEC 1, T19N, R3E, 3RD PM



SEC 1, T19N, R3E, 3RD PM



|  |                              |            |           |
|--|------------------------------|------------|-----------|
| FILE NAME =  | USER NAME = coombessf        | DESIGNED - | REVISED - |
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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

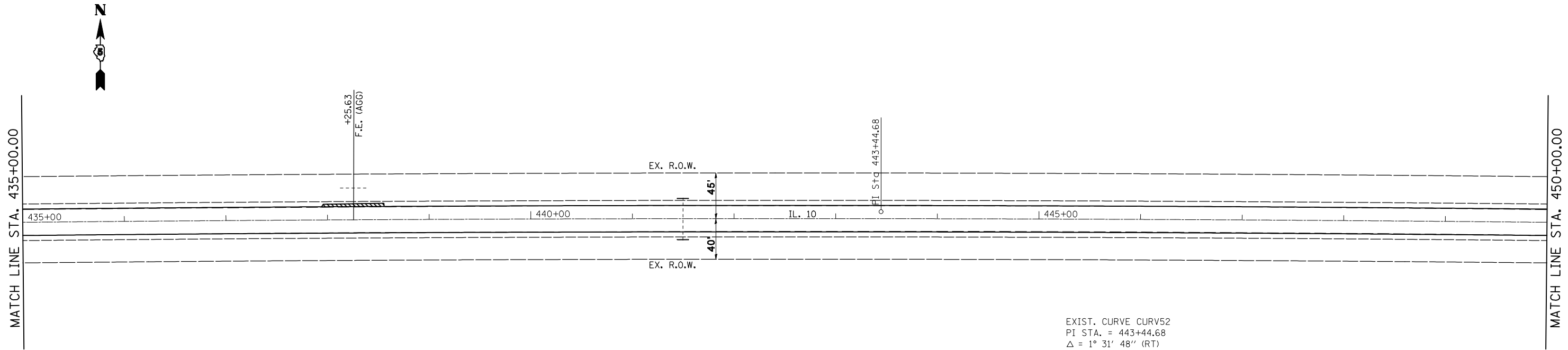
PLAN SHEETS

SCALE: SHEET NO. OF SHEETS STA. 405+00.00 TO STA. 435+00.00

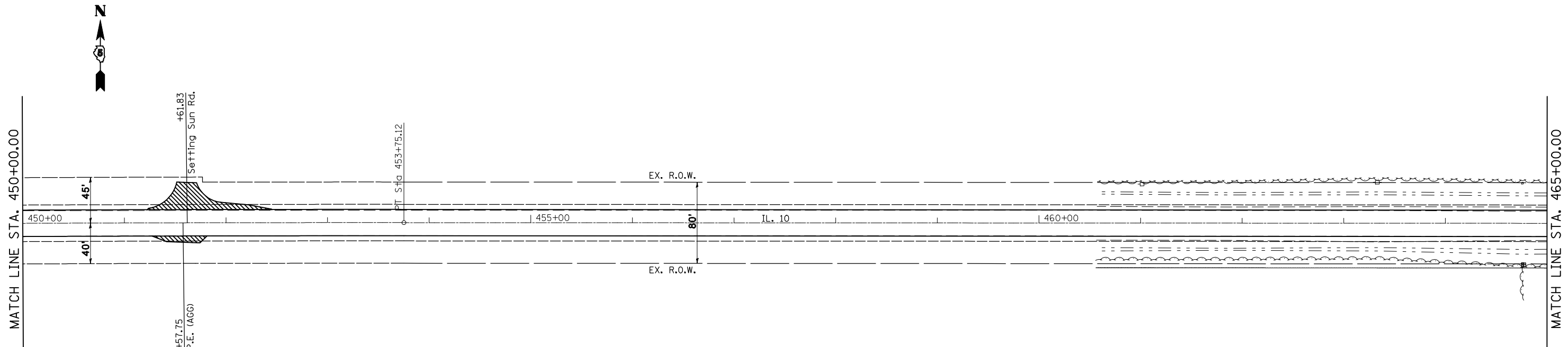
| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 39        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 12 of 12  
Project: 1110

SEC 1, T19N, R3E, 3RD PM



SEC 1, T19N, R3E, 3RD PM



|  |                              |            |           |
|--|------------------------------|------------|-----------|
| FILE NAME =  | USER NAME = coombessf        | DESIGNED - | REVISED - |
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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

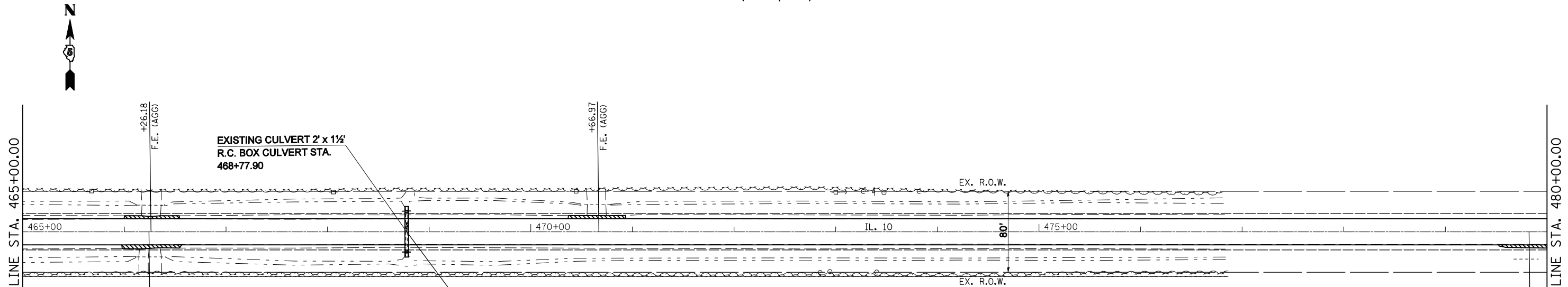
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET NO. OF SHEETS STA. 435+00.00 TO STA. 465+00.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 40        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

SEC 6 , T19N, R4E, 3RD PM



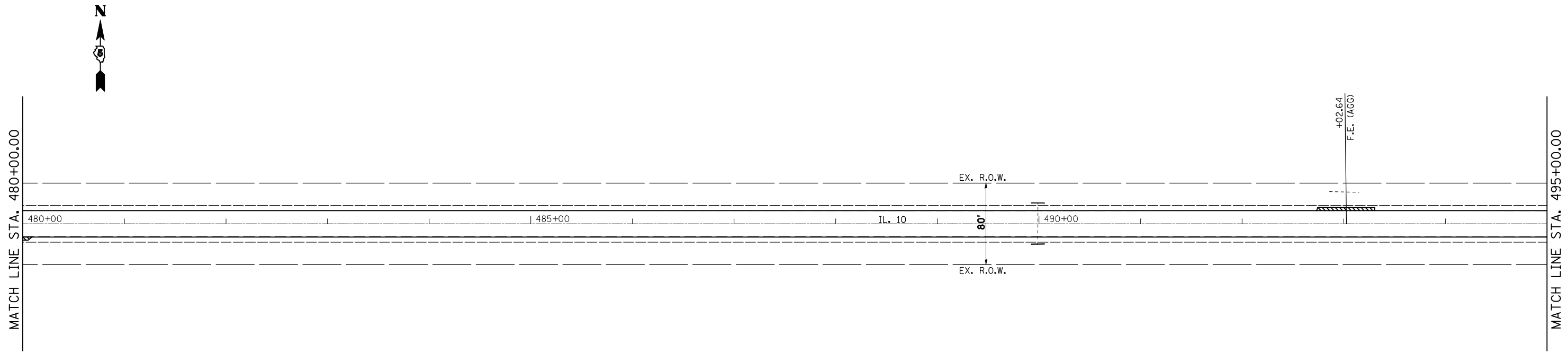
INCIDENTAL HOT-MIX ASPHALT SURFACING

REMOVAL OF EXISTING STRUCTURES NO. 3

**PROPOSED PRECAST BOX CULVERT (M273)**  
 W/ PRECAST END SECTIONS  
 3' X 2' X 38.0' (LT - 19', RT - 19')  
 STA. 468+77.90  
 U.S.F.L. = 718.30  
 D.S.F.L. = 718.36

|  |       | Existing Low Grade Elev. = 721.67 ft. @ Sta. 469+64 |                 | Proposed Low Grade Elev. = 721.67 ft. @ Sta. 469+64 |  |            |          |                     |          |
|--|-------|---|-----------------|---|--|------------|----------|---------------------|----------|
| Drainage Area = 0.02 mi. <sup>2</sup>            |       |   |                 |   |  |            |          |                     |          |
| Flood  | Freq. | Q   | Opening Sq. Ft. |   | Natural  | Head - Ft. |          | Headwater Elevation |          |
|  | Yr.   | C.F.S.  | Existing        | Proposed  | H.W.E.   | Existing   | Proposed | Existing            | Proposed |
|  | 10    | 13  | 3               | 5   |  |            |          | 722.7               | 720.4    |
| Design   | 50    | 22  | 3               | 5   |  |            |          | Over                | 721.1    |
| Base   | 100   | 26  | 3               | 5   |  |            |          | Over                | 721.6    |
| <i>Overtopping</i>                               |       |   |                 |   |  |            |          |                     |          |
| Max. Calc.                                       | 500   | 35  | 3               | 5   |  |            |          | Over                | Over     |
| 10 YEAR VELOCITY THROUGH EXISTING BRIDGE: 5 ft/s |       |   |                 |   | 10 YEAR VELOCITY THROUGH PROPOSED BRIDGE: 3.7 ft/s |            |          |                     |          |
| ALL-TIME H.W.E. & DATE: Unknown                  |       |   |                 |   |  |            |          |                     |          |

SEC 6 , T19N, R4E, 3RD PM



INCIDENTAL HOT-MIX ASPHALT SURFACING

|  |                       |            |           |
|--|-----------------------|------------|-----------|
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| PLOT SCALE = 100.0000' / IN.                                 |                       | CHECKED -  | REVISED - |
| PLOT DATE = 2/3/2011   |                       | DATE -     | REVISED - |

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

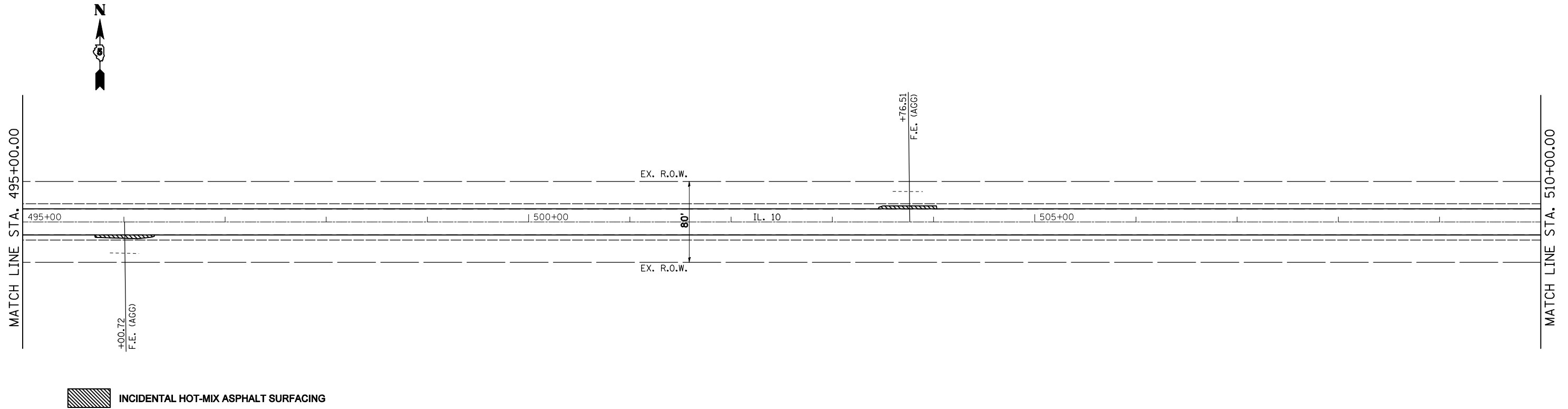
**PLAN SHEETS**

SCALE: SHEET NO. OF SHEETS STA. 465+00.00 TO STA. 495+00.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 41        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

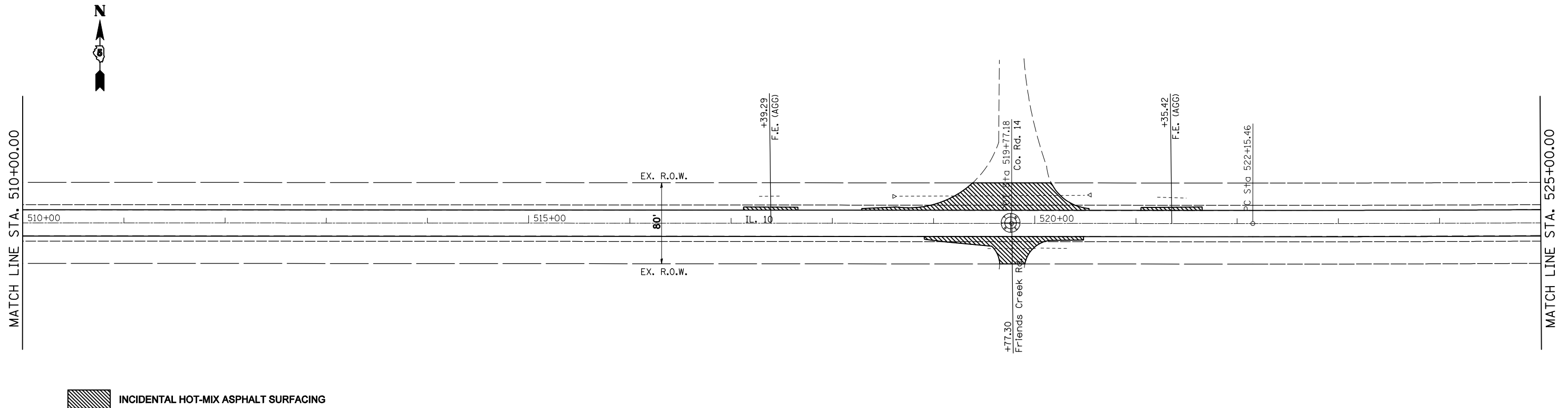
Sheet: 41 of 153  
 Date: 2/3/2011  
 Project: ILLI

SEC 6 , T19N, R4E, 3RD PM



SEC 6 , T19N, R4E, 3RD PM

SEC 5 , T19N, R4E, 3RD PM



|  |                              |            |           |
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| FILE NAME =  | USER NAME = coombessf        | DESIGNED - | REVISED - |
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|  | PLOT SCALE = 100.0000' / IN. | CHECKED -  | REVISED - |
|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

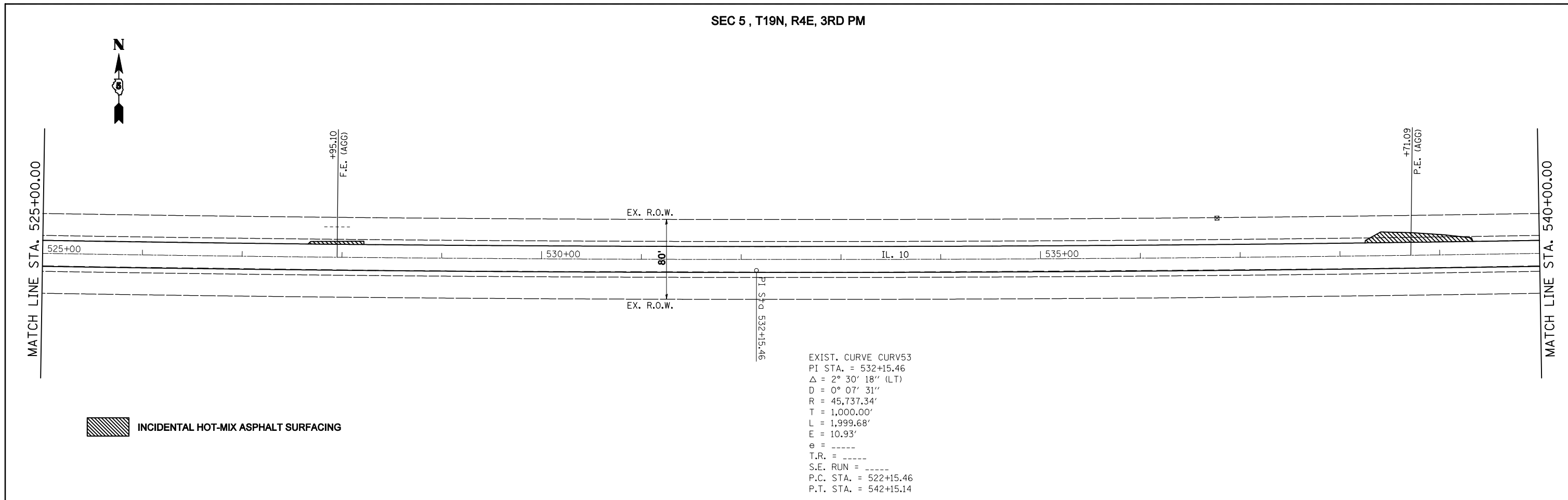
PLAN SHEETS

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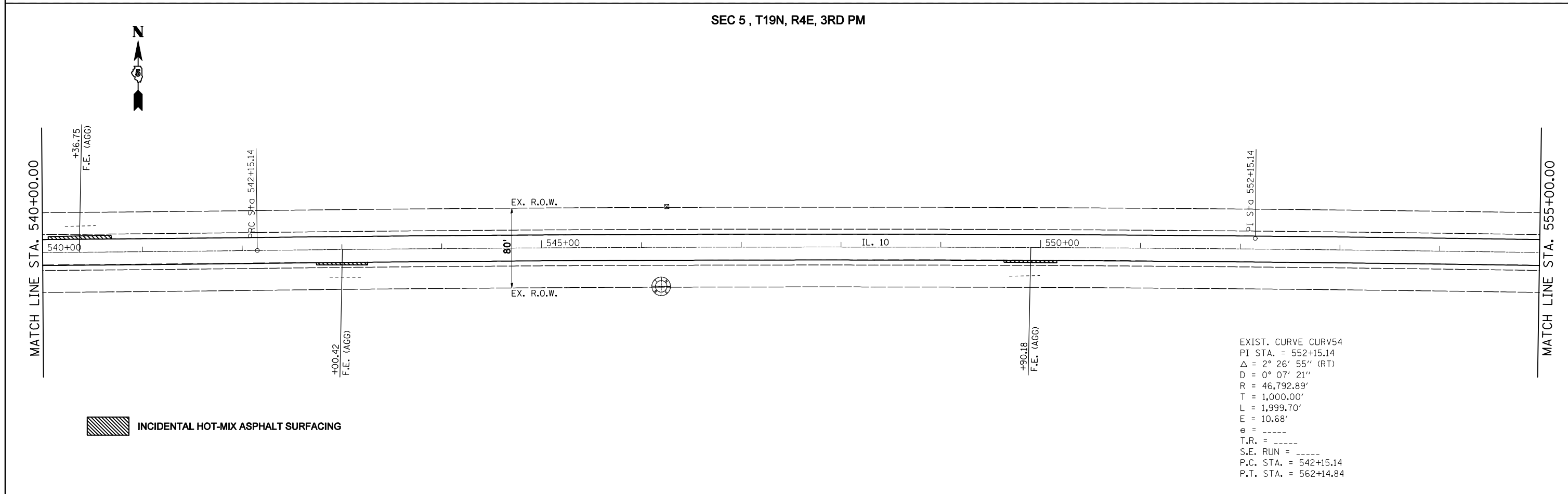
| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 42        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 42  
Project: 1110

SEC 5, T19N, R4E, 3RD PM



SEC 5, T19N, R4E, 3RD PM



|   |                              |            |           |
|---|------------------------------|------------|-----------|
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|   | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

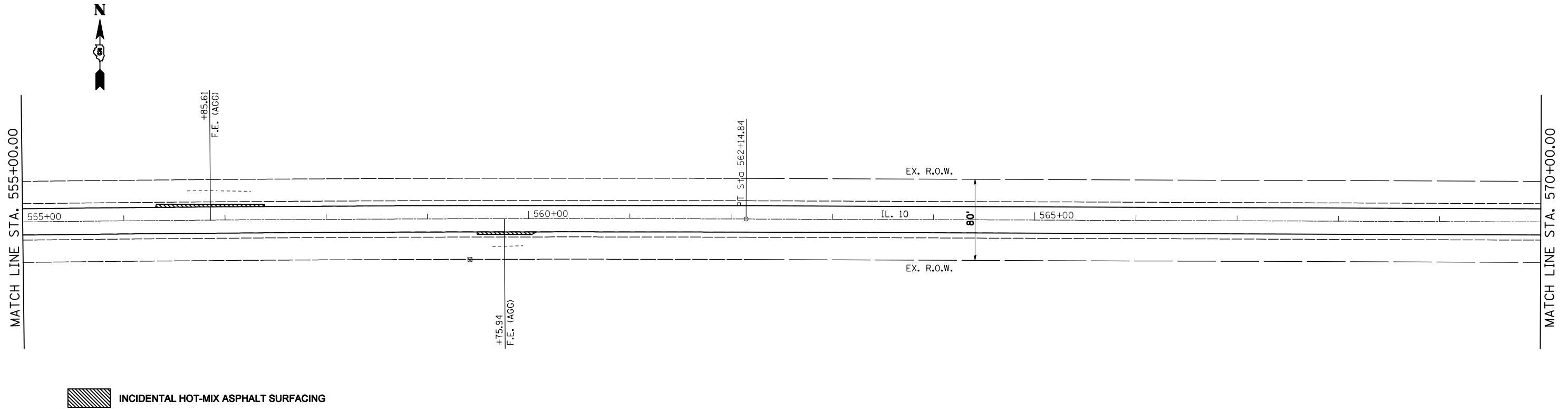
PLAN SHEETS

SCALE: SHEET NO. OF SHEETS STA. 525+00.00 TO STA. 555+00.00

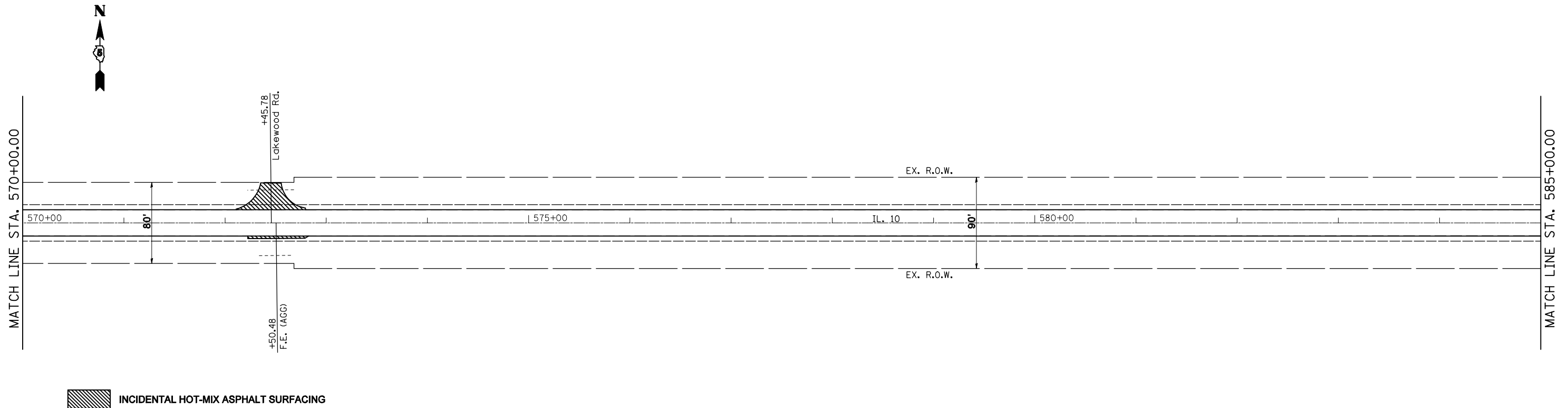
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|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 43        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 16 of 6170  
Project: 1110

SEC 5 , T19N, R4E, 3RD PM



SEC 4 , T19N, R4E, 3RD PM



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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

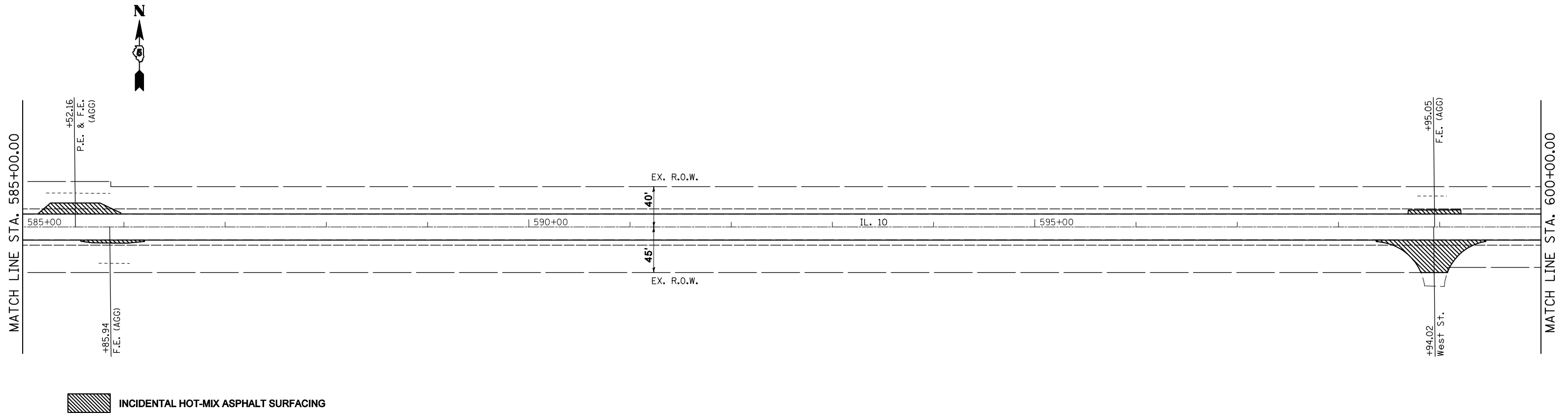
SCALE: SHEET NO. OF SHEETS STA. 555+00.00 TO STA. 585+00.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 44        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

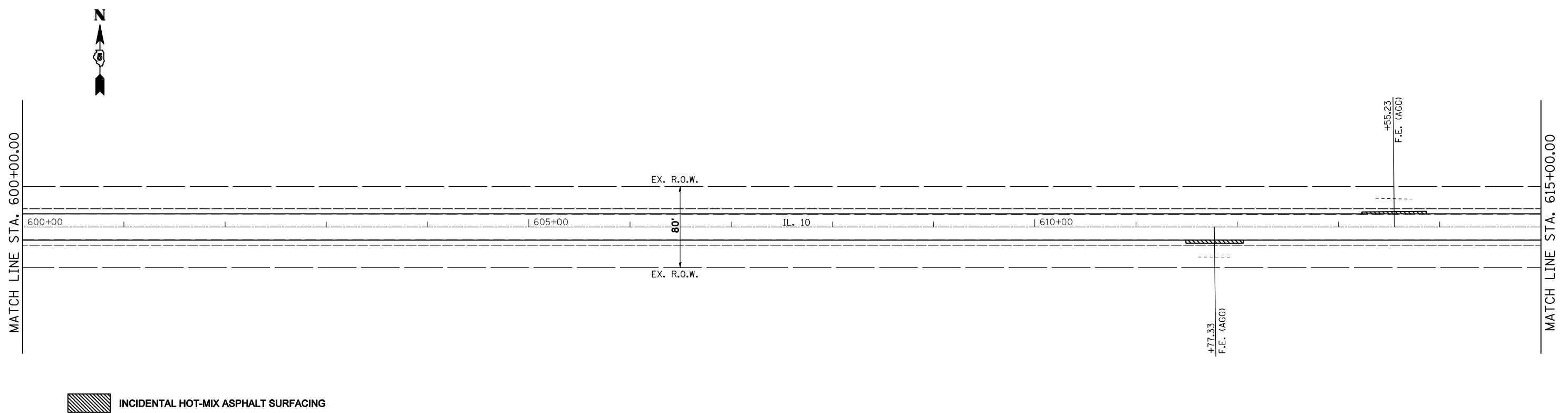
Sheet: 44  
Project: 113-5861



SEC 4 , T19N, R4E, 3RD PM



SEC 4 , T19N, R4E, 3RD PM



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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

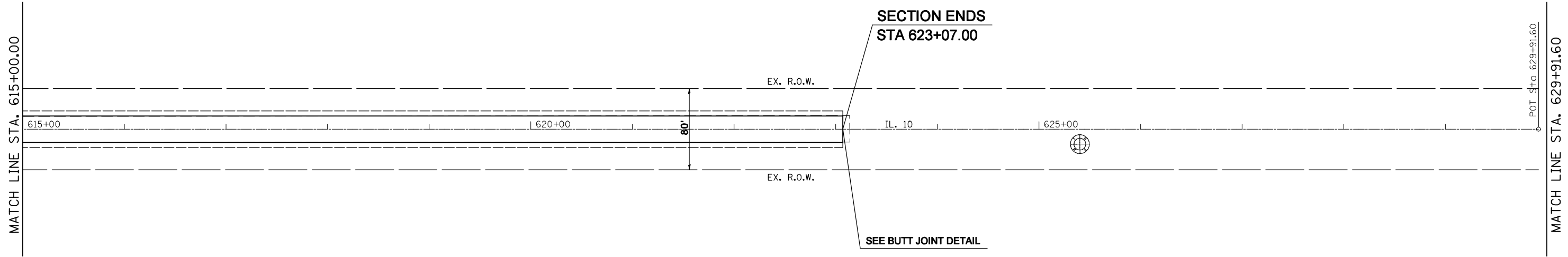
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET NO. OF SHEETS STA. 585+00.00 TO STA. 615+00.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 45        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet: 18  
Date: 02/03/2011  
Project: 1110



 INCIDENTAL HOT-MIX ASPHALT SURFACING

|   |                              |            |           |
|---|------------------------------|------------|-----------|
| FILE NAME =   | USER NAME = coombessf        | DESIGNED - | REVISED - |
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|   | PLOT SCALE = 100.0000' / IN. | CHECKED -  | REVISED - |
|   | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

SCALE: SHEET NO. OF SHEETS STA. 615+00.00 TO STA. 629+91.60

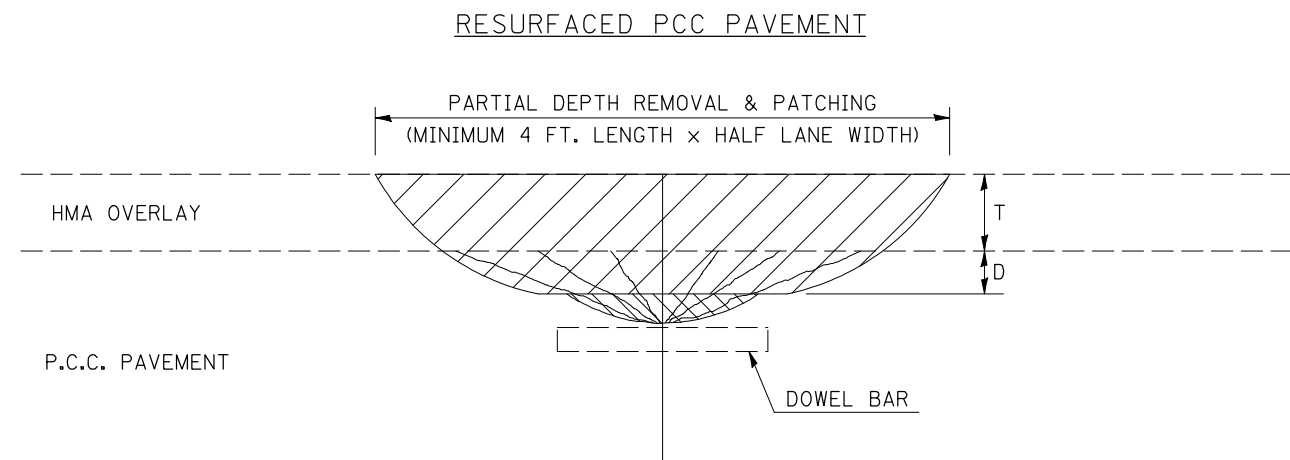
| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 46        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

Sheet 46 of 153  
August 11, 2011

 +  = PARTIAL DEPTH REMOVAL 8 1/2" (#5000105)

MILL MACHINE  
 AND/OR WHEEL  
 SAW REMOVAL

AIR EQUIPMENT  
 OR MECHANICAL  
 SWEEPER REMOVAL  
 OF LOOSE AND/OR  
 UNSOUND CONCRETE



**GENERAL NOTES**

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

|  |                             |            |           |
|--|-----------------------------|------------|-----------|
| FILE NAME =  | USER NAME = coombessf       | DESIGNED - | REVISED - |
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|  | PLOT DATE = 2/3/2011        | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

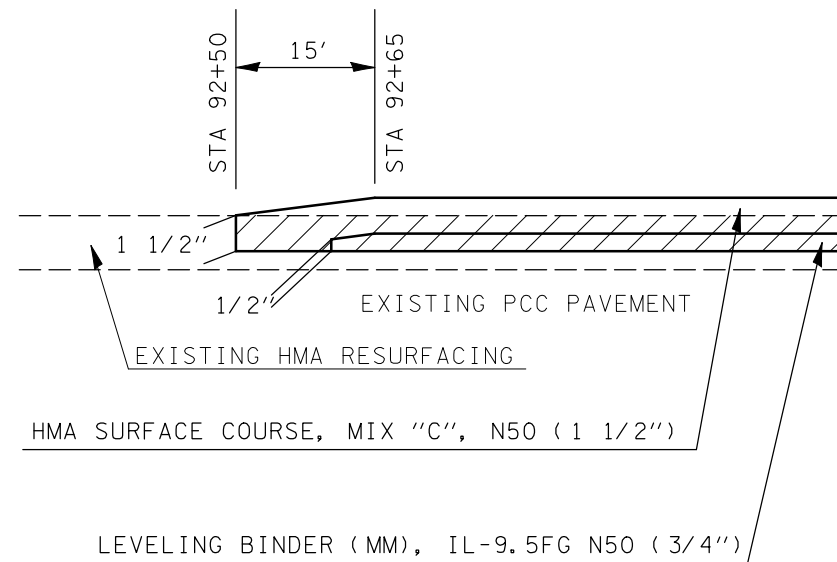
**PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING**

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

| F.A. RTE.                                     | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|------------------|--------|--------------------|-----------|
| 721   | (113RS-4, 124RS) | DEWITT | 153                | 47        |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        | CONTRACT NO. 70660 |           |

### BUTT JOINT AT BEGINNING OF PROJECT

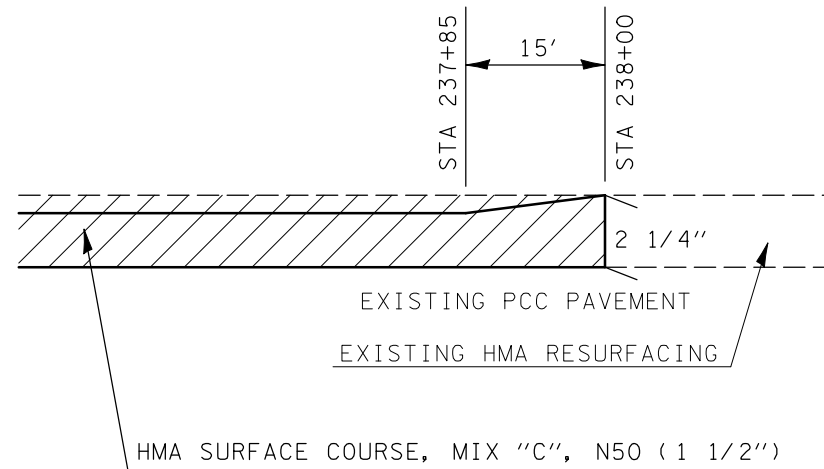
STA 92+50



HMA SURFACE REMOVAL, 1 1/2"

### BUTT JOINT AT OMISSION

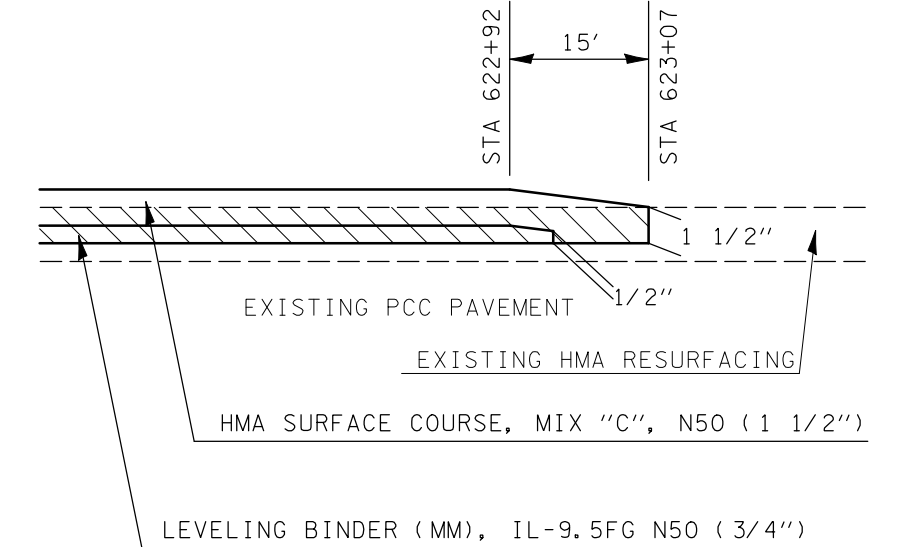
STA. 238+00



HMA SURFACE REMOVAL, 2 1/4"

### BUTT JOINT AT END OF PROJECT

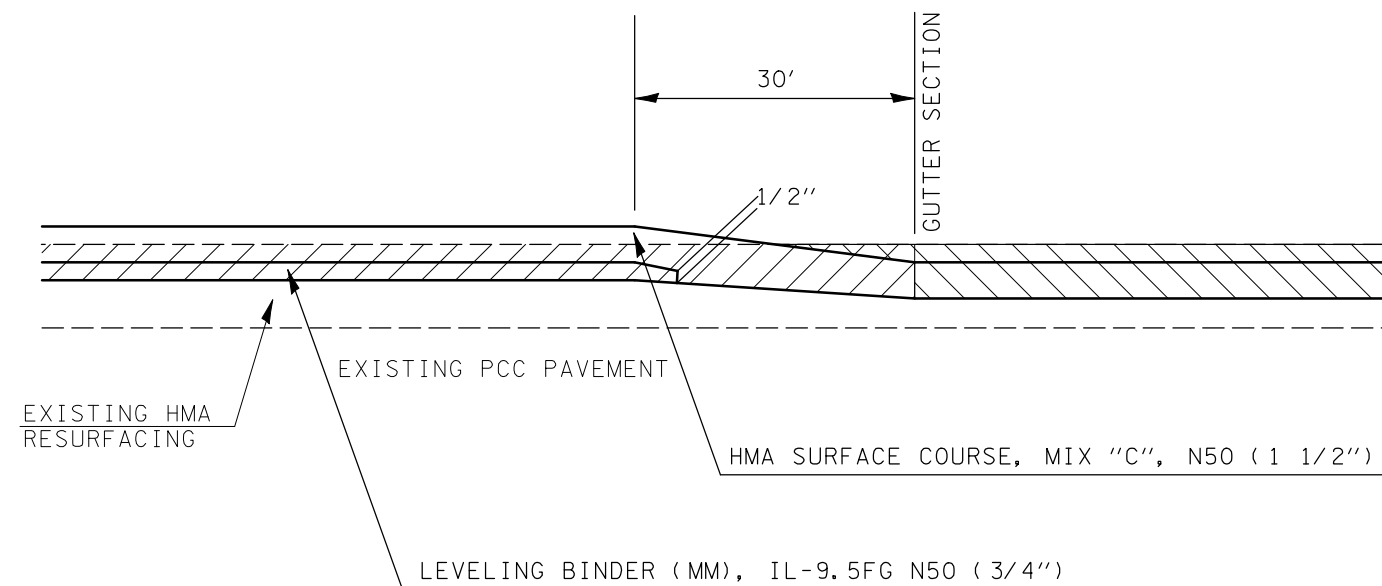
STA 623+07



HMA SURFACE REMOVAL, 1 1/2"

### TRANSITION AT GUTTER SECTIONS

\*SEE TYPICAL CROSS SECTIONS FOR GUTTER SECTION LOCATIONS\*

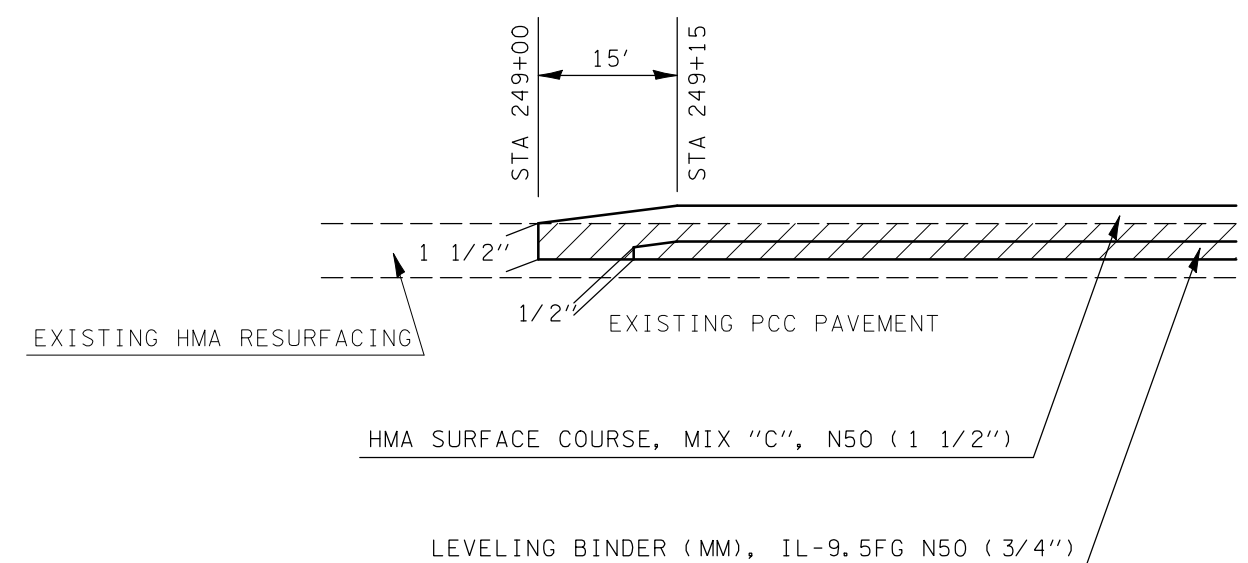


HMA SURFACE REMOVAL, 1 1/2"

HMA SURFACE REMOVAL, 2 1/4"

### BUTT JOINT AT OMISSION

STA. 249+00



HMA SURFACE REMOVAL, 1 1/2"

|  |                       |            |           |
|--|-----------------------|------------|-----------|
| FILE NAME =  | USER NAME = coombessf | DESIGNED - | REVISED - |
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|  |                       | DATE -     | REVISED - |

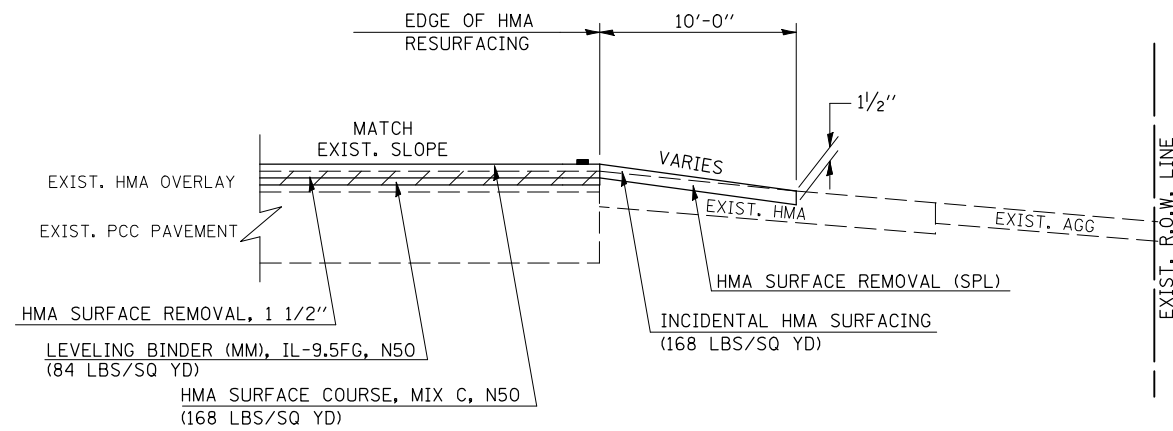
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAILS

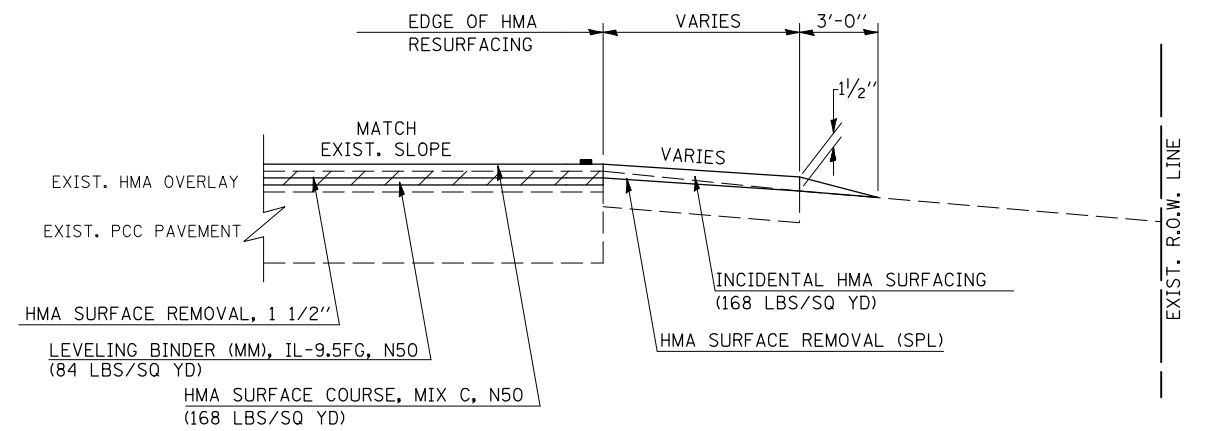
SCALE: SHEET NO. OF SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------------|--------|--------------|-----------|
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 48        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

EXISTING HMA PRIVATE OR COMMERCIAL ENTRANCE



EXISTING HMA MAILBOX TURNOUT & FIELD ENTRANCE



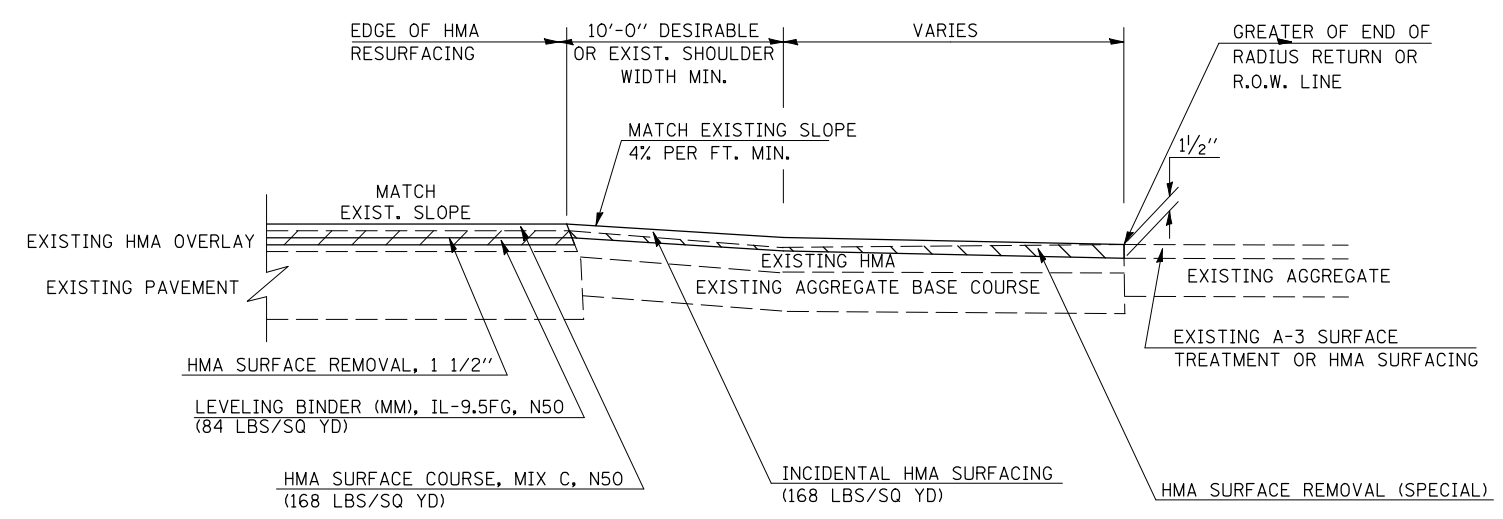
GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

| RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09) |   |        |          |                          |          |               |   |         |   |                 |      |  |
|---|---|--------|----------|--------------------------|----------|---------------|---|---------|---|-----------------|------|--|
| DESIGN ELEMENT                              | NEW CONSTRUCTION & 3R with RECONSTRUCTION |        |          |                          |          |               | 3R w/out RECONSTRUCTION, 3P, SMART & CM |         |   |                 |      |  |
|   | NONCOMMERCIAL                             |        |          | FIELD W/ FARM IMPLEMENTS |          |               | COMMERCIAL                              |         |   | NONCOMMERCIAL   |      |  |
|   | PRIVATE & FIELD                           |        |          | FIELD W/ FARM IMPLEMENTS |          |               | COMMERCIAL                              |         |   | PRIVATE & FIELD |      |  |
|   | min.                                      | des.   | max.     | min.                     | max.     | min.          | des.                                    | max.    | min.  | des.            | max. |  |
| SURFACE WIDTH (FT)                          | 12  | 16     | 24       | 24                       | 30       | 1 LANE, 1 WAY |   |         | 1 LANE, 1 WAY   |                 |      |  |
|   |   |        |          |                          |          | 14            | 16                                      | 24      |   |                 |      |  |
|   |   |        |          |                          |          | 2 LANE, 2 WAY |   |         | 2 LANE, 2 WAY   |                 |      |  |
|   |   |        |          |                          |          | 24            | 30                                      | 35      |   |                 |      |  |
| RADIUS (FT)                                 | 15  | 25     | 40       | 30                       |          | 20            | 30                                      | 50      | resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them |                 |      |  |
| SHOULDER WIDTH (FT)                         | 2   | 2      |          | 2                        |          | 1             | 3                                       |         |   |                 |      |  |
| SHOULDER SLOPE (%)                          | 2   | 4      | 6        | 4                        |          | 2             | 4                                       | 6       |   |                 |      |  |
| ENTRANCE GRADE (%)                          | 0   | 2 to 5 | 10 or 12 | 2 to 5                   | 10 or 12 | 0             | 2 to 5                                  | 8 or 10 |   |                 |      |  |
| SIDE SLOPE (FT)                             | 1:10                                      | 1:6    | 1:4      | 1:6                      | 1:4      | 1:10          | 1:6                                     | 1:4     |   |                 |      |  |
| <b>SURFACE TYPE</b>                         |   |        |          |                          |          |               |   |         |   |                 |      |  |
| INCIDENTAL HMA SURFACING (INCH)             |   | 2      |          | 2                        |          | 3 or 4        |   |         | taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" for "butt joints" and to minimize aggregate shoulder  |                 |      |  |
| AGGREGATE SURFACE COURSE, TYPE B (INCH)     |   | 6      |          | 6                        |          | 8             |   |         | if applicable use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02   |                 |      |  |
| PCC DRIVEWAY PAVEMENT (INCH)                |   | 6      |          |                          |          |               |   | 6 or 8  |   |                 |      |  |

**SIDEROADS & SIDESTREETS**



**GENERAL NOTES**

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE "BUTT JOINTS" CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE "FEATHEREDGE RUNDOWNS".
4. AGGREGATE BASE COURSE, TYPE B OF THE THICKNESS SPECIFIED IN THE PLANS 6" MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT 6" EXISTING BASE MATERIAL FOR THE PROPOSED SIDEROAD RETURNS. THIS MATERIAL SHALL BE USED TO WIDEN SIDEROAD RETURNS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1' WIDER THAN THE SURFACE DIMENSIONS.
6. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 4' ALONG MAINLINE TO 2' AT BACK OF RETURN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

| RURAL SIDEROAD DESIGN STANDARDS (PPM 40-06)  |  |          |                                     |   |      |      |                                  |      |      |  |  |
|--|--|----------|-------------------------------------|---|------|------|----------------------------------|------|------|--|--|
| DESIGN ELEMENT   | New Construction & 3R (Existing Width Less Than 20 ft) |          |                                     | 3R (Existing Width 20 ft or Greater) & 3P   |      |      | SMART & Contract Maintenance     |      |      |  |  |
|  | min.   | des.     | max.                                | min.  | des. | max. | min.                             | des. | max. |  |  |
| SURFACE WIDTH (FT); (measured at end of radius or row line; greatest distance from edge of traveled way) | 24   | 24       | Coordinate with Geometrics Engineer | resurface existing configuration to completion of radius return or row line; greatest distance from edge of traveled way; major sideroads (> 400 adt) shall have "butt joints" constructed whether the entrance is hma or pcc; minor sideroads (< 400 adt) shall have "featheredge rundown" as shown in district cadd detail 406AAAAA |      |      |                                  |      |      | resurface existing configuration with the completion of a 10 ft. featheredge rundown for ALL sideroads as shown in district cadd detail 406AAAAA |  |
| RADIUS (FT)  | 30   | 30       |                                     |   |      |      |                                  |      |      |  |  |
| SHOULDER WIDTH (FT)  | 4  | 8        | 10                                  |   |      |      |                                  |      |      |  |  |
| SHOULDER SLOPE (%)   | 2  | 4        | 12                                  |   |      |      |                                  |      |      |  |  |
| ENTRANCE GRADE (%)   | 1  | 1 to 4   | 4                                   |   |      |      |                                  |      |      |  |  |
| BREAKOVER (%)  | 0  | 5        | 10                                  |   |      |      |                                  |      |      |  |  |
| SIDE SLOPE   | 1:10   | 1:6      | 1:4                                 |   |      |      |                                  |      |      |  |  |
| INTERSECTION ANGLE   | 60   | 75 to 90 |                                     |   |      |      |                                  |      |      |  |  |
| <b>SURFACE TYPE</b>  |  |          |                                     |   |      |      |                                  |      |      |  |  |
| INCIDENTAL HMA SURFACING (INCH)  | 4  |          |                                     | taper from 2 1/4" to 1 1/2" or featheredge  |      |      | taper from 1 1/2" to featheredge |      |      |  |  |
| AGGREGATE BASE COURSE, TYPE A (INCH)   | 8  | 4        |                                     | if applicable use item: 35800100 Preparation of Base  |      |      |                                  |      |      |  |  |
| PCC PAVEMENT (INCH)  |  | 8        |                                     |   |      |      |                                  |      |      |  |  |

|  |                              |            |           |
|--|------------------------------|------------|-----------|
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|  | PLOT DATE = 2/3/2011         | DATE -     | REVISED - |

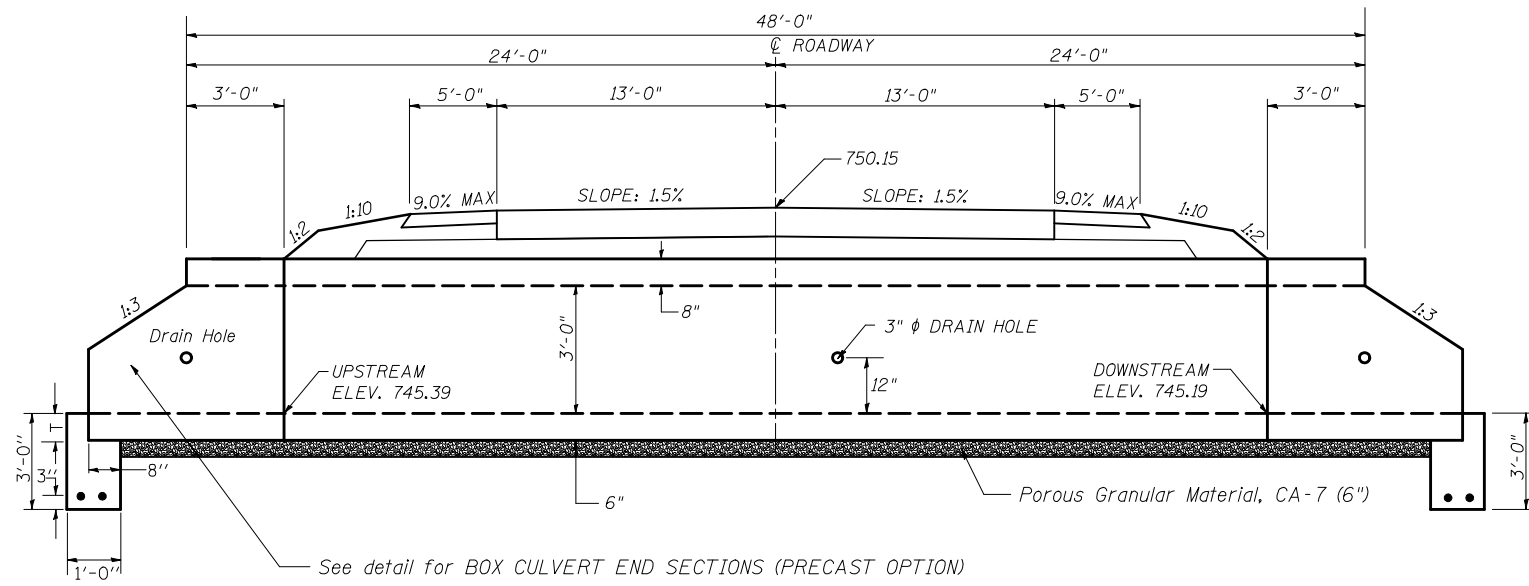
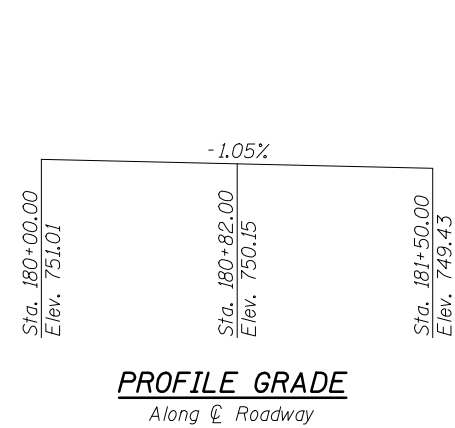
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEROAD & SIDESTREETS**

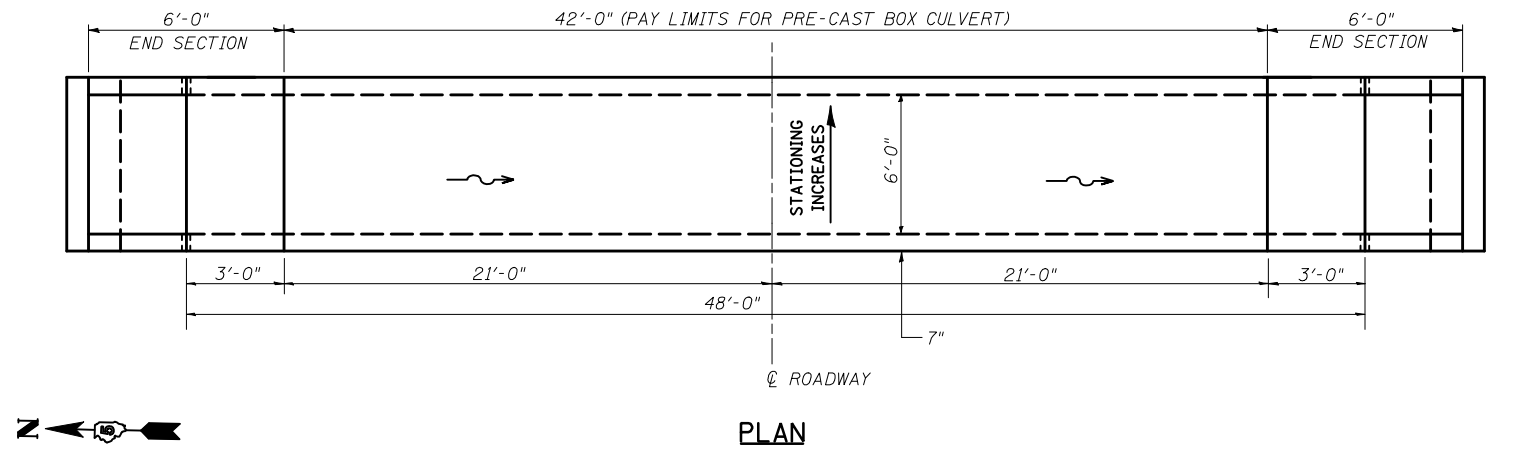
SCALE: SHEET NO. OF SHEETS STA. TO STA.

|                           |                  |        |              |           |
|---------------------------|------------------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 50        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

EXISTING STRUCTURE: A 4'x2.5'x58.5' concrete box culvert was constructed in 1931 as part of SBI Route 120 Section 113A in Dewitt County. The existing structure is to be partially removed and the remaining portion is to be filled. Staged construction will be utilized to construct the new structure.



**ELEVATION**  
(DIMENSIONS AT RIGHT ANGLES TO CL OF ROADWAY)



**PLAN**

**WATERWAY INFORMATION**

Drainage Area = 0.10 sq.mi. Proposed Low Grade Elev. 750.07 @ Sta. 180+82

| Flood       | Freq. Yr. | Q C.F.S. | Opening Sq. Ft. |       | Nat. H.W.E. | Head - Ft. |       | Headwater El. |       |
|-------------|-----------|----------|-----------------|-------|-------------|------------|-------|---------------|-------|
|             |           |          | Exist.          | Prop. |             | Exist.     | Prop. | Exist.        | Prop. |
| 10          | 50        | 10       | 14              |       |             |            | 750.7 | 748.2         |       |
| Design      | 50        | 86       | 10              | 15    |             |            | Over  | 749.3         |       |
| Base        | 100       | 103      | 10              | 15    |             |            | Over  | 749.9         |       |
| Overtopping |           |          |                 |       |             |            |       |               |       |
| Max. Calc.  | 500       | 146      | 10              | 15    |             |            | Over  | Over          |       |

10 year velocity through existing bridge = 9.90 fps 10 year velocity through proposed bridge = 4.39 fps

**DESIGN SCOUR ELEVATION TABLE**

| Design Scour Elevation (ft.) | Upstream | Downstream |
|------------------------------|----------|------------|
|                              | 742.39   | 742.19     |

**GENERAL NOTES**

- All construction joints shall be bonded according to Article 503.09 of the Standard Specifications.
- Reinforcement bars shall conform to the requirements of ASTM A706 Gr. (IL Modified). See Special Provisions.
- All bars should be rounded and conform to the requirements of Article 1006.10 of the Standard Specifications.
- The 6" Porous Granular Material required per Art. 540.06 of the Standard Specifications shall also extend beneath the Box Culvert End Sections and shall be considered included in the cost of Precast Concrete Box Culverts and Box Culvert End Sections.
- End Sections will be paid for at the contract unit price per each for BOX CULVERT END SECTIONS, as outlined in Section 540 of the Standard Specifications.
- Class SI Concrete shall be used throughout.
- Drain holes shall be provided in accordance with Article 503.11 of the Standard Specifications.
- If the Contractor elects to use a precast cut-off wall, shop drawings and a proposed construction sequence shall be submitted to the Engineer for approval. See Special Provisions.
- The design fill height for this box is less than 2 feet. The Precast Concrete Box Culvert Sections shall conform to the requirements of AASHTO M 273.
- The joints between precast box sections shall be sealed and all voids filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfilling process.
- All dimensions are in FEET (') - INCHES (") unless otherwise noted.
- Drawings not to scale.

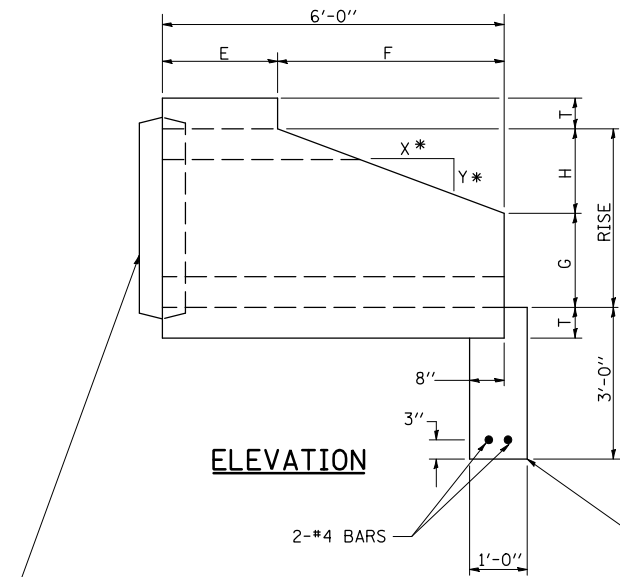
**TOTAL BILL OF MATERIAL**

| Item                                      | Unit  | Total |
|---|-------|-------|
| Removal of Existing Structures No. 1      | Each  | 1.0   |
| Precast Concrete Box Culvert 6'x3' (M273) | Foot  | 42.0  |
| Box Culvert End Section, Culvert No. 1    | Each  | 2.0   |
| Porous Granular Embankment                | Cu Yd | 30.8  |
| Filling Existing Culverts                 | Cu Yd | 18.0  |
| Name Plates                               | Each  | 1.0   |

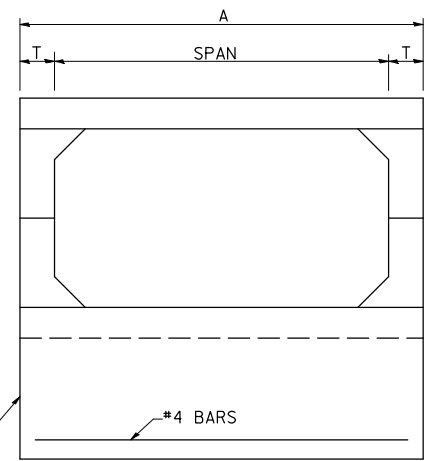
**GENERAL PLAN AND ELEVATION**  
SINGLE 6'x3' PRECAST BOX CULVERT  
E.A.P. ROUTE 721 - SECTION (113RS-4, 124RS)  
STATION 180+82.00  
CULVERT NO. 1 S.N. 020-8042

**DIMENSIONS \*\***

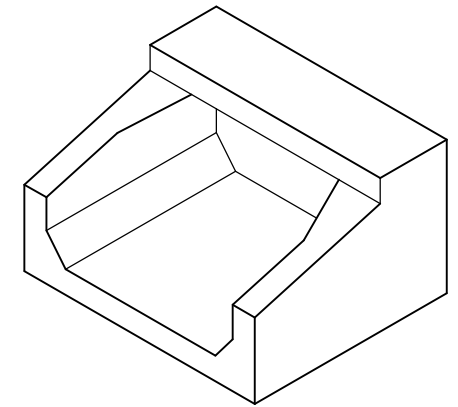
| SPAN X RISE | T (INCHES) | A (FT.-IN.) | B (FT.-IN.) | C (INCHES) | E (FT.-IN.) | F (FT.-IN.) | G (FT.-IN.) | H (FT.-IN.) | SLOPE (X:Y) |
|-------------|------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| 2' X 2'     | 4          | 2-8         | 2-8         | 4          | 3-0         | 3-0         | 1-0         | 1-0         | 3:1         |
| 3' X 2'     | 4          | 3-8         | 2-8         | 4          | 3-0         | 3-0         | 1-0         | 1-0         | 3:1         |
| 3' X 3'     | 4          | 3-8         | 3-8         | 4          | 2-0         | 4-0         | 1-8         | 1-4         | 3:1         |
| 4' X 2'     | 5          | 4-10        | 2-10        | 5          | 3-0         | 3-0         | 1-0         | 1-0         | 3:1         |
| 4' X 3'     | 5          | 4-10        | 3-10        | 5          | 2-0         | 4-0         | 1-8         | 1-4         | 3:1         |
| 4' X 4'     | 5          | 4-10        | 4-10        | 5          | 2-0         | 4-0         | 2-0         | 2-0         | 2:1         |
| 5' X 2'     | 6          | 6-0         | 3-0         | 6          | 3-0         | 3-0         | 1-0         | 1-0         | 3:1         |
| 5' X 3'     | 6          | 6-0         | 4-0         | 6          | 2-0         | 4-0         | 1-8         | 1-4         | 3:1         |
| 5' X 4'     | 6          | 6-0         | 5-0         | 6          | 2-0         | 4-0         | 2-0         | 2-0         | 2:1         |
| 5' X 5'     | 6          | 6-0         | 6-0         | 6          |             |             |             |             |             |
| 6' X 2'     | 7          | 7-2         | 3-2         | 7          | 3-0         | 3-0         | 1-0         | 1-0         | 3:1         |
| 6' X 3'     | 7          | 7-2         | 4-2         | 7          | 2-0         | 4-0         | 1-8         | 1-4         | 3:1         |
| 6' X 4'     | 7          | 7-2         | 5-2         | 7          | 2-0         | 4-0         | 2-0         | 2-0         | 2:1         |
| 6' X 5'     | 7          | 7-2         | 6-2         | 7          | 2-0         | 4-0         | 3-0         | 2-0         | 2:1         |
| 6' X 6'     | 7          | 7-2         | 7-2         | 7          | 2-0         | 4-0         | 4-0         | 2-0         | 2:1         |
| 7' X 4'     | 8          | 8-4         | 5-4         | 8          | 2-0         | 4-0         | 2-0         | 2-0         | 2:1         |
| 7' X 5'     | 8          | 8-4         | 6-4         | 8          |             |             |             |             |             |
| 7' X 6'     | 8          | 8-4         | 7-4         | 8          |             |             |             |             |             |
| 7' X 7'     | 8          | 8-4         | 8-4         | 8          |             |             |             |             |             |
| 8' X 4'     | 8          | 9-4         | 5-4         | 8          | 2-0         | 4-0         | 2-0         | 2-0         | 2:1         |
| 8' X 5'     | 8          | 9-4         | 6-4         | 8          |             |             |             |             |             |
| 8' X 6'     | 8          | 9-4         | 7-4         | 8          |             |             |             |             |             |
| 8' X 7'     | 8          | 9-4         | 8-4         | 8          |             |             |             |             |             |
| 8' X 8'     | 8          | 9-4         | 9-4         | 8          |             |             |             |             |             |
| 9' X 5'     | 9          | 10-6        | 6-6         | 9          |             |             |             |             |             |
| 9' X 6'     | 9          | 10-6        | 7-6         | 9          |             |             |             |             |             |
| 9' X 7'     | 9          | 10-6        | 8-6         | 9          |             |             |             |             |             |
| 9' X 8'     | 9          | 10-6        | 9-6         | 9          |             |             |             |             |             |
| 9' X 9'     | 9          | 10-6        | 10-6        | 9          |             |             |             |             |             |
| 10' X 5'    | 10         | 11-8        | 6-8         | 10         |             |             |             |             |             |
| 10' X 6'    | 10         | 11-8        | 7-8         | 10         |             |             |             |             |             |
| 10' X 7'    | 10         | 11-8        | 8-8         | 10         |             |             |             |             |             |
| 10' X 8'    | 10         | 11-8        | 9-8         | 10         |             |             |             |             |             |
| 10' X 9'    | 10         | 11-8        | 10-8        | 10         |             |             |             |             |             |
| 10' X 10'   | 10         | 11-8        | 11-8        | 10         |             |             |             |             |             |
| 11' X 4'    | 11         | 12-10       | 5-10        | 11         |             |             |             |             |             |
| 11' X 6'    | 11         | 12-10       | 7-10        | 11         |             |             |             |             |             |
| 11' X 8'    | 11         | 12-10       | 9-10        | 11         |             |             |             |             |             |
| 11' X 10'   | 11         | 12-10       | 11-10       | 11         |             |             |             |             |             |
| 11' X 11'   | 11         | 12-10       | 12-10       | 11         |             |             |             |             |             |
| 12' X 4'    | 12         | 14-0        | 6-0         | 12         |             |             |             |             |             |
| 12' X 6'    | 12         | 14-0        | 8-0         | 12         |             |             |             |             |             |
| 12' X 8'    | 12         | 14-0        | 10-0        | 12         |             |             |             |             |             |
| 12' X 10'   | 12         | 14-0        | 12-0        | 12         |             |             |             |             |             |
| 12' X 12'   | 12         | 14-0        | 14-0        | 12         |             |             |             |             |             |



\* 2:1 SLOPE MINIMUM

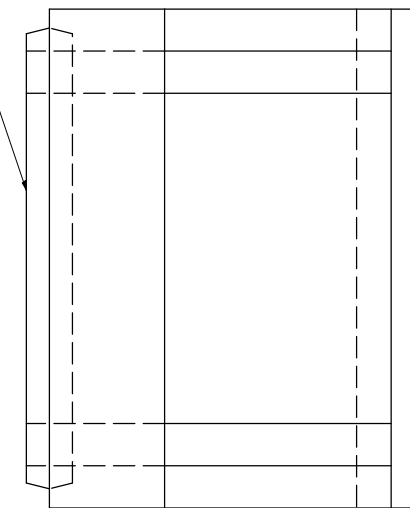


**END VIEW**

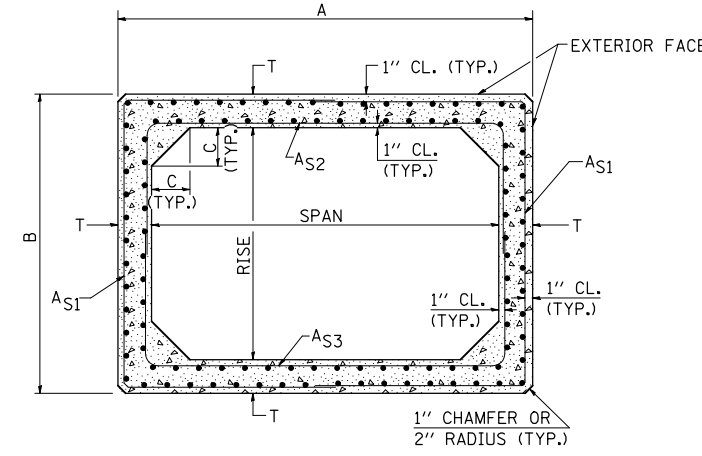


**ISOMETRIC**

END CONNECTION TO FIT PRECAST BOX CULVERT (BELL OR SPIGOT MAY BE OMITTED WHEN COLLARING TO AN EXISTING BOX OR HEADWALL)



**PLAN**



**CROSS SECTION**

**GENERAL NOTES**

SHOP DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 1042.03(b) OF THE STANDARD SPECIFICATIONS.

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED WITH MASTIC IN ACCORDANCE WITH SECTION 1055 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS AS1, AS2, & AS3 DENOTE THE REQUIRED STEEL AREAS FOR REINFORCEMENT AS SPECIFIED IN AASHTO M259. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO AASHTO M55-81.

⊙ "NON-STANDARD PRECAST CONCRETE BOX CULVERT (ASTM) DESIGNS"; STANDARD PCBC (ASTM) DESIGNS ARE PREFERRED.

**\*\* NOTE:**

THE DIMENSIONS INDICATED ARE FOR END SECTIONS THAT ARE TO BE USED WITH PRECAST BOX CULVERT SECTIONS DESIGNED FOR 2' OR MORE OF FILL (AASHTO M259). THE DIMENSIONS MAY BE MODIFIED FOR THE END SECTION TO BE COMPATIBLE WITH PRECAST CULVERT SECTIONS DESIGNED FOR LESS THAN 2' OF FILL (AASHTO M273).

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

STD. 9-50 (FROM DISTRICT 9)

|   |                       |                 |                      |
|---|-----------------------|-----------------|----------------------|
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| PLOT SCALE = 40.0000 ' / IN.                                  |                       | CHECKED -       | REVISED -            |
| PLOT DATE = 2/3/2011  |                       | DATE - 12/29/08 | REVISED -            |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BOX CULVERT END SECTION  
(PRECAST OPTION)**

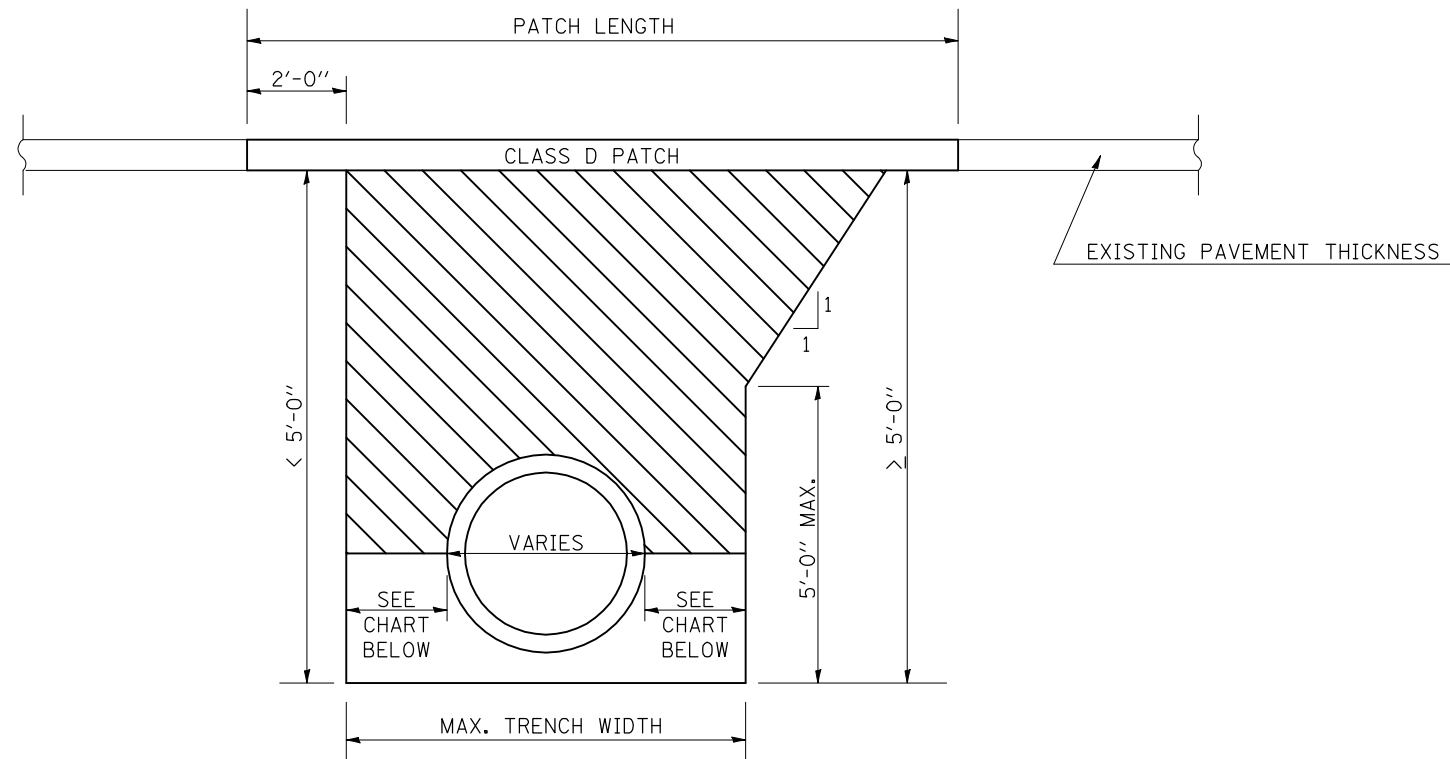
SCALE: SHEET NO. OF SHEETS STA. TO STA.

**DISTRICT 5 DETAIL NO. 54001AAA**

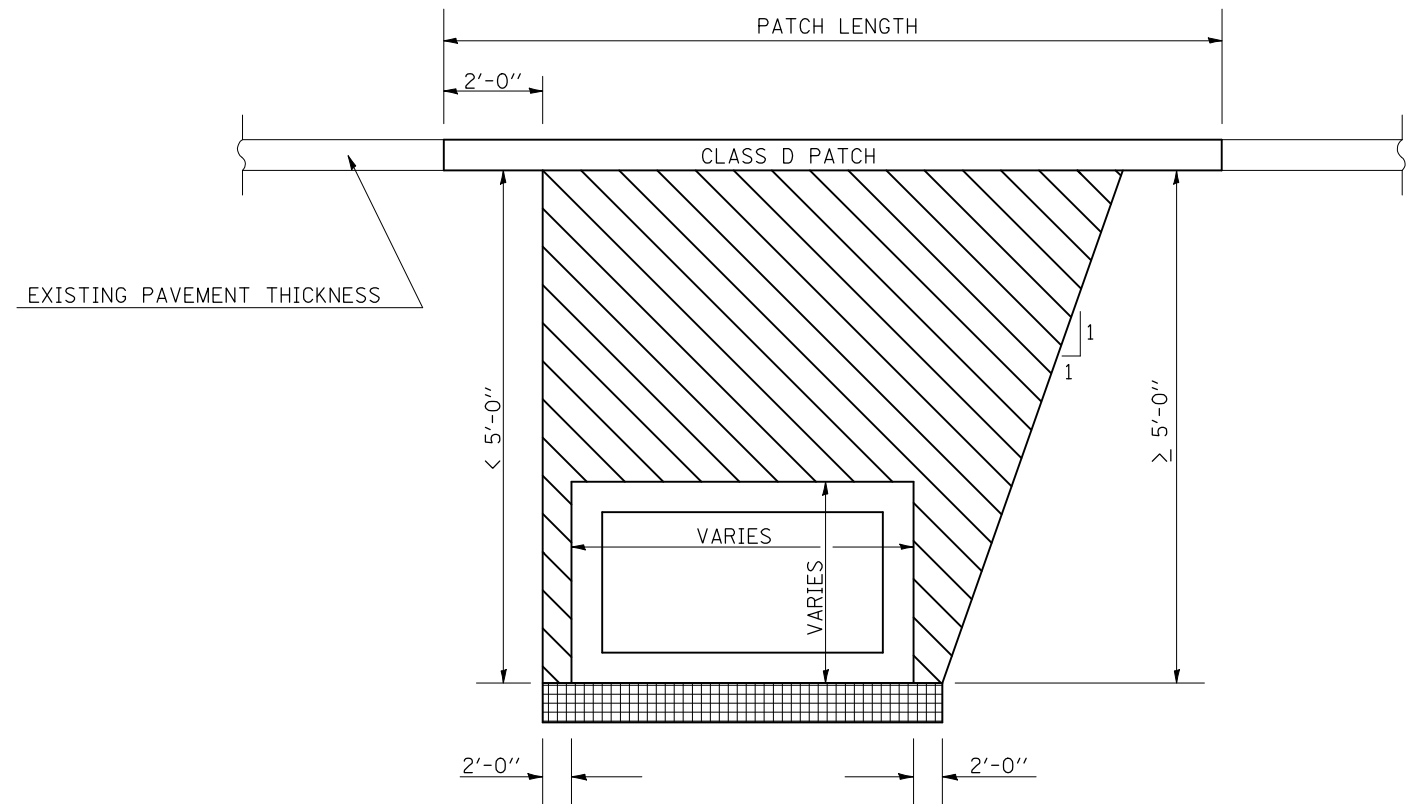
| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------------|--------|--------------|-----------|
| 721                       | (113RS-4, 124RS) | DEWITT | 153          | 52        |
| CONTRACT NO. 70660        |                  |        |              |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |



## ACROSS ROAD PIPE CULVERTS



## ACROSS ROAD BOX CULVERTS



### NOTES:

 PAY LIMITS OF POROUS GRANULAR BACKFILL - CA-6

POROUS GRANULAR BACKFILL SHALL EXTEND 2'-0" OUTSIDE OF THE EDGE OF SHOULDER.

| INSIDE DIA. OF PIPE | MAX. TRENCH WIDTH |
|---------------------|-------------------|
| UP TO 24"           | 9" + OD + 9"      |
| 27" TO 48"          | 12" + OD + 12"    |
| OVER 48"            | 18" + OD + 18"    |

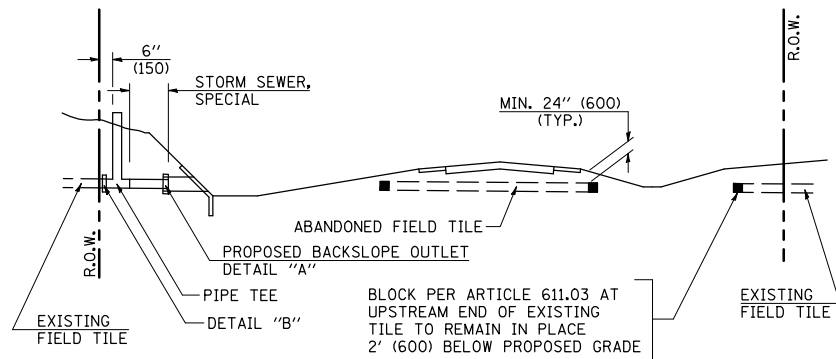
 PAY LIMITS OF POROUS GRANULAR EMBANKMENT - CA-6

 POROUS GRANULAR MATERIAL - CA 7 (6") INCLUDED IN PAY ITEM FOR BOX CULVERT

- \* POROUS GRANULAR EMBANKMENT SHALL EXTEND 2'-0" OUTSIDE OF THE EDGE OF SHOULDER.
- \* WORK SHOWN IN DETAIL SHALL BE DONE ACCORDING TO THE APPLICABLE PORTIONS OF ARTICLE 207 AND ARTICLE 540 OF THE STANDARD SPECIFICATIONS.
- \* THE WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR POROUS GRANULAR BACKFILL AND POROUS GRANULAR EMBANKMENT.
- \* THE AREA TO BE EXCAVATED FOR THE PROPOSED BOX CULVERT SHALL NOT BE MEASURED FOR PAYMENT. THE COST OF THE EXCAVATION SHALL BE CONSIDERED AS INCLUDED IN THE COST OF PRECAST CONCRETE. BOX CULVERTS AND BOX CULVERT END SECTIONS.

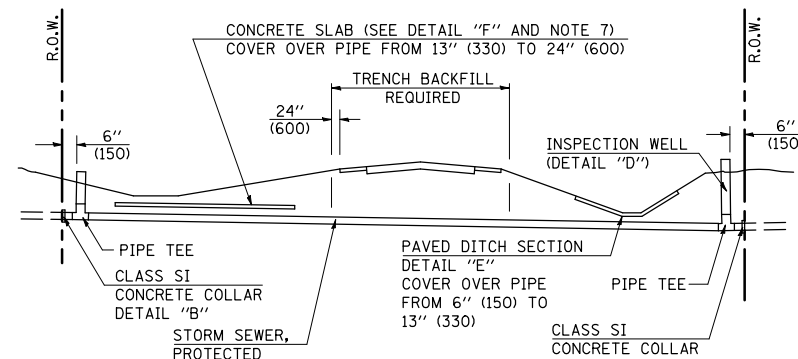
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

|   |                       |            |           |   |  |                           |                  |           |              |           |
|---|-----------------------|------------|-----------|---|--|---------------------------|------------------|-----------|--------------|-----------|
| FILE NAME =   | USER NAME = coombessf | DESIGNED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>POROUS GRANULAR BACKFILL / EMBANKMENT DETAILS</b> | F.A.P. RTE.               | SECTION          | COUNTY    | TOTAL SHEETS | SHEET NO. |
| ct:\pw\work\p\dot\coombessf\d0106513\0570660-shr-detail.dgn |                       | DRAWN -    | REVISED - |   |  | 721                       | (113RS-4, 124RS) | DEWITT    | 153          | 53        |
| PLOT SCALE = 40.0000' / IN.                                 |                       | CHECKED -  | REVISED - |   |  | CONTRACT NO. 70660        |                  |           |              |           |
| PLOT DATE = 2/3/2011  |                       | DATE -     | REVISED - |   |  | ILLINOIS FED. AID PROJECT |                  |           |              |           |
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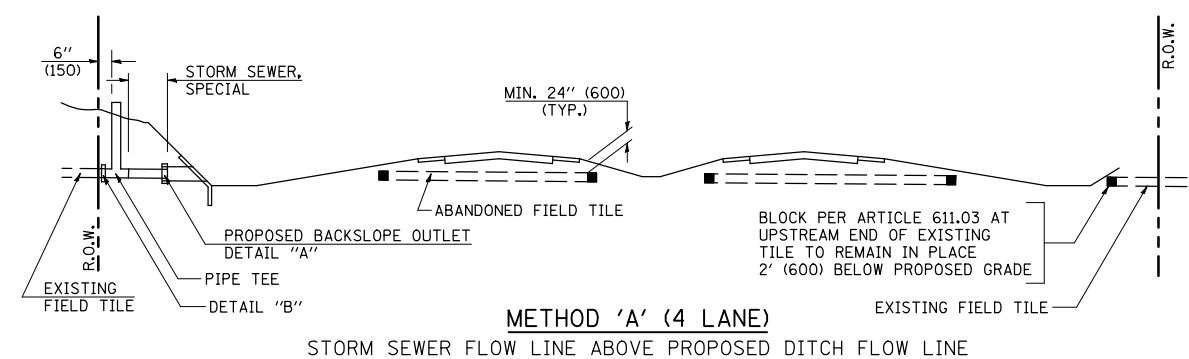
**METHOD 'A' (2 LANE)**

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



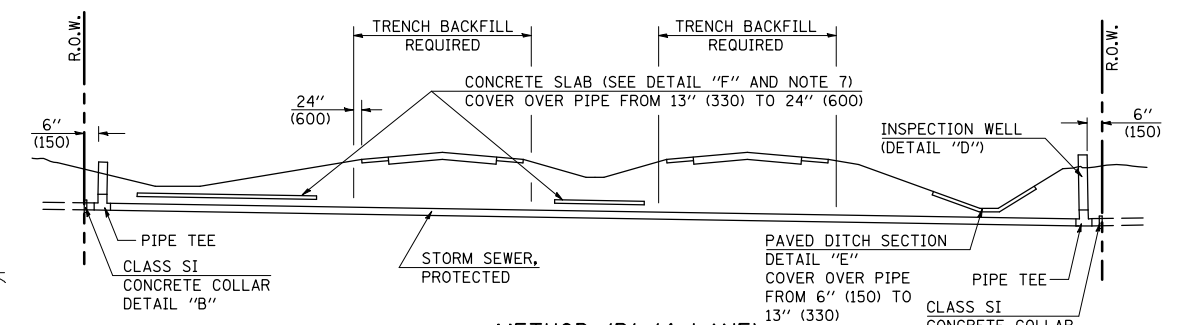
**METHOD 'B' (2 LANE)**

STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT AND PAVED DITCH



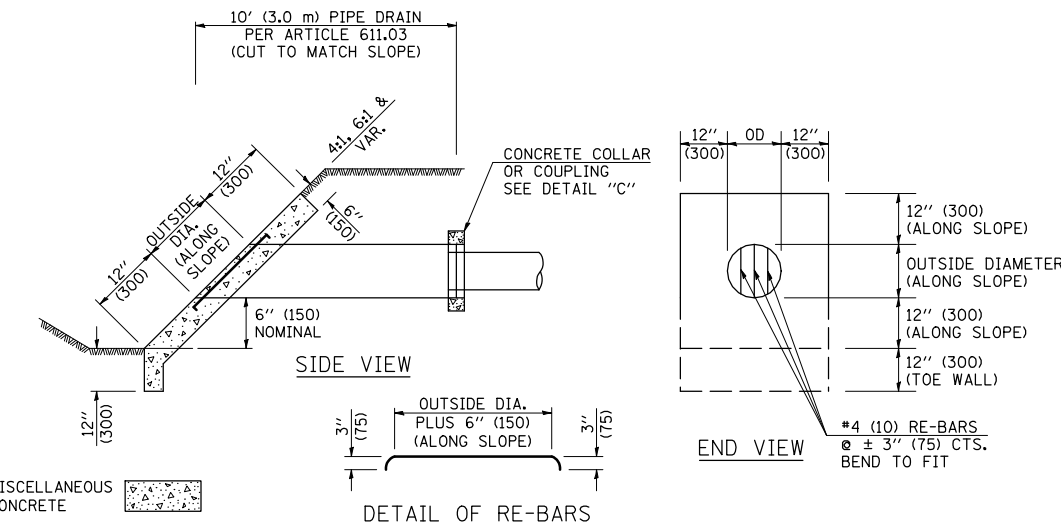
**METHOD 'A' (4 LANE)**

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE

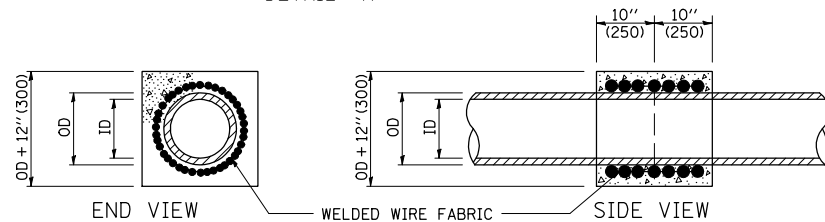


**METHOD 'B' (4 LANE)**

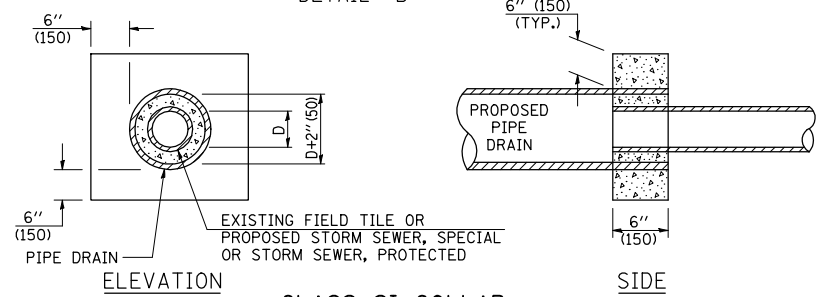
STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES



**HEADWALL FOR BACKSLOPE OUTLET  
DETAIL 'A'**



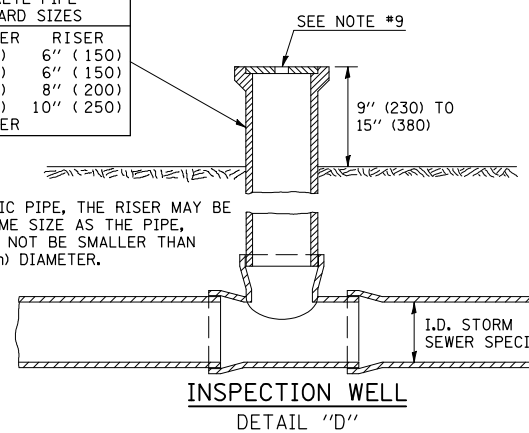
**CONCRETE COLLAR  
DETAIL 'B'**



**CLASS SI COLLAR  
DETAIL 'C'**

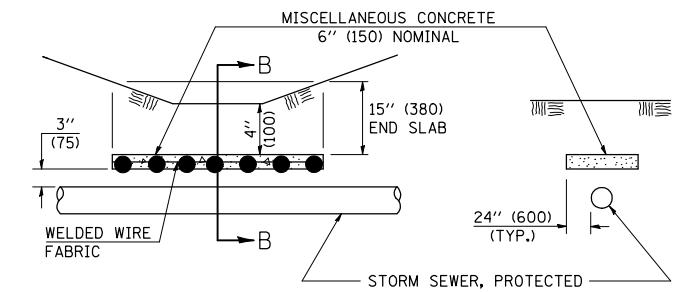
| CONCRETE PIPE STANDARD SIZES |           |
|------------------------------|-----------|
| STORM SEWER                  | RISER     |
| 6" (150)                     | 6" (150)  |
| 8" (200)                     | 6" (150)  |
| 10" (250)                    | 8" (200)  |
| 12" (300)                    | 8" (200)  |
| OR GREATER                   | 10" (250) |

FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



**GENERAL NOTES**

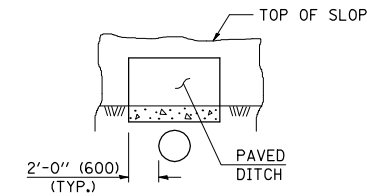
- EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
- ONLY FIELD TILE THAT DOES NOT HAVE SATISFACTORY FLOW AND OR HAS VISIBLE SIGNS OF DETERIORATION (SINK HOLES, ETC.) SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B".
- INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" (150 mm) INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
- EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, SPECIAL OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
- THE 6" (150 mm) CONCRETE SLAB OR DITCH LINING SHALL BE POURED THE LENGTH OF THE TRENCH AT ALL DITCH FLOW LINE LOCATIONS WITHIN THE RIGHT-OF-WAY WITH LESS THAN 2' (600 mm) OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
- ALL MISCELLANEOUS SLABS, APRONS AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401.
- HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10" (250 mm). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
- THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" (10 mm) CAST IRON AND PROVIDED WITH A 1" (25 mm) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.



**SLAB ELEVATION**

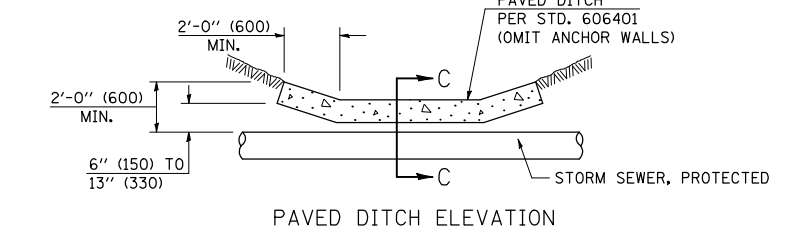
**CONCRETE SLAB  
DETAIL 'F'**

**SECTION B-B**



**SECTION C-C**

**PAVED DITCH  
DETAIL 'E'**



**PAVED DITCH ELEVATION**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. 61101011A**

|  |                       |            |                 |
|--|-----------------------|------------|-----------------|
| FILE NAME =  | USER NAME = coombessf | DESIGNED - | REVISED - 11/06 |
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|  |                       | CHECKED -  | REVISED -       |
|  |                       | DATE -     | REVISED -       |

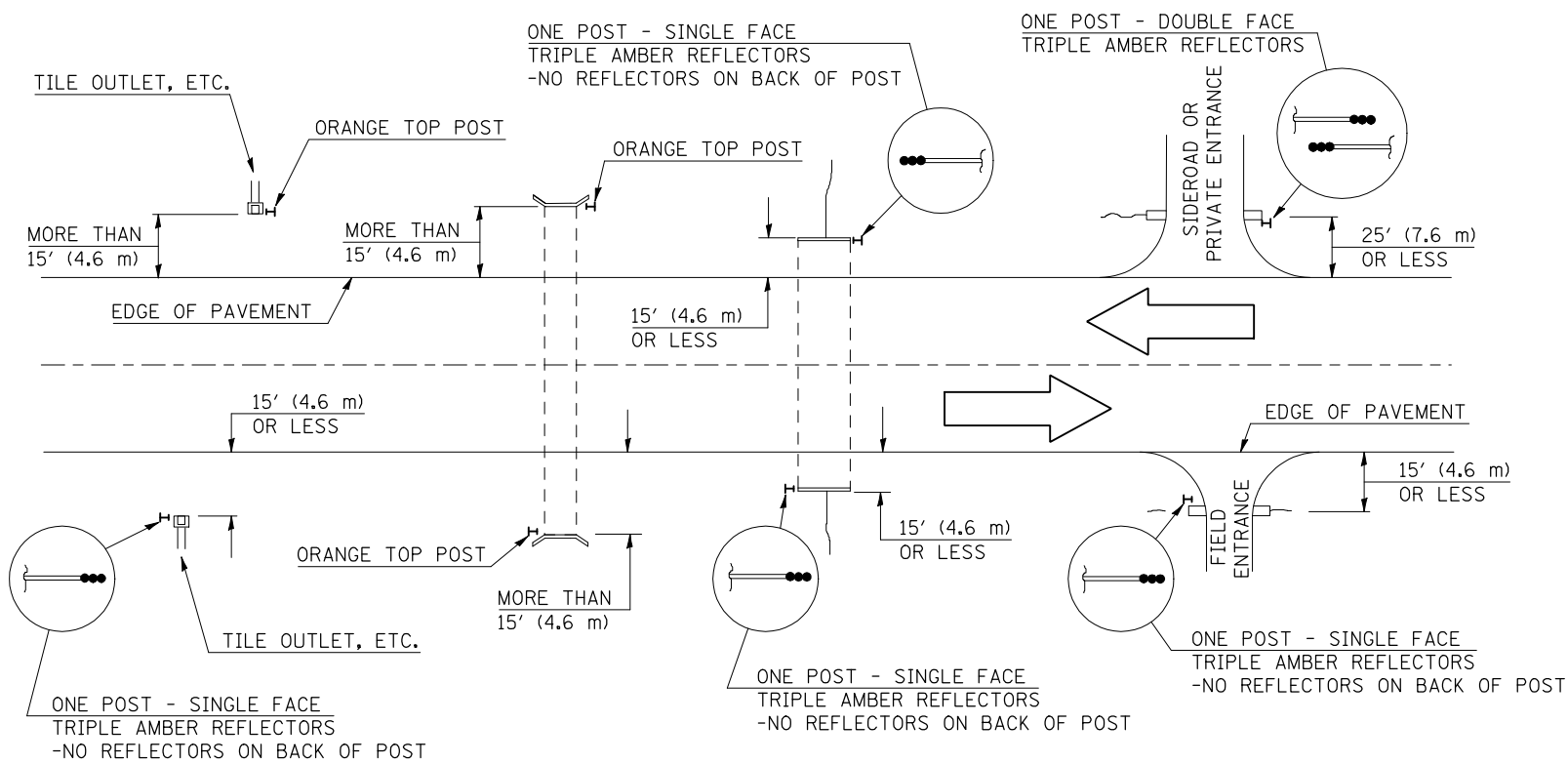
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FIELD TILE SYSTEMS (TREATMENT OF EXISTING)**

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

| F.A.P. RTE.                                   | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------------|--------|--------------|-----------|
| 721   | (113RS-4, 124RS) | DEWITT | 153          | 54        |
| CONTRACT NO. 70660                            |                  |        |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        |              |           |

IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS



BILL OF MATERIALS

| DELINEATOR TYPE | SINGLE FACE | DOUBLE FACE | NO REFLECTOR | TOTAL DELINEATORS |
|-----------------|-------------|-------------|--------------|-------------------|
| SINGLE CRYSTAL  |             | N/A         | N/A          |                   |
| DOUBLE CRYSTAL  |             |             | N/A          |                   |
| SINGLE AMBER    |             |             | N/A          |                   |
| DOUBLE AMBER    |             | N/A         | N/A          |                   |
| TRIPLE AMBER    | 6           |             | N/A          | 6                 |
| ORANGE TOP      | N/A         | N/A         |              |                   |
|                 |             |             | TOTAL        |                   |

NOTES

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF ROAD AS THE HAZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

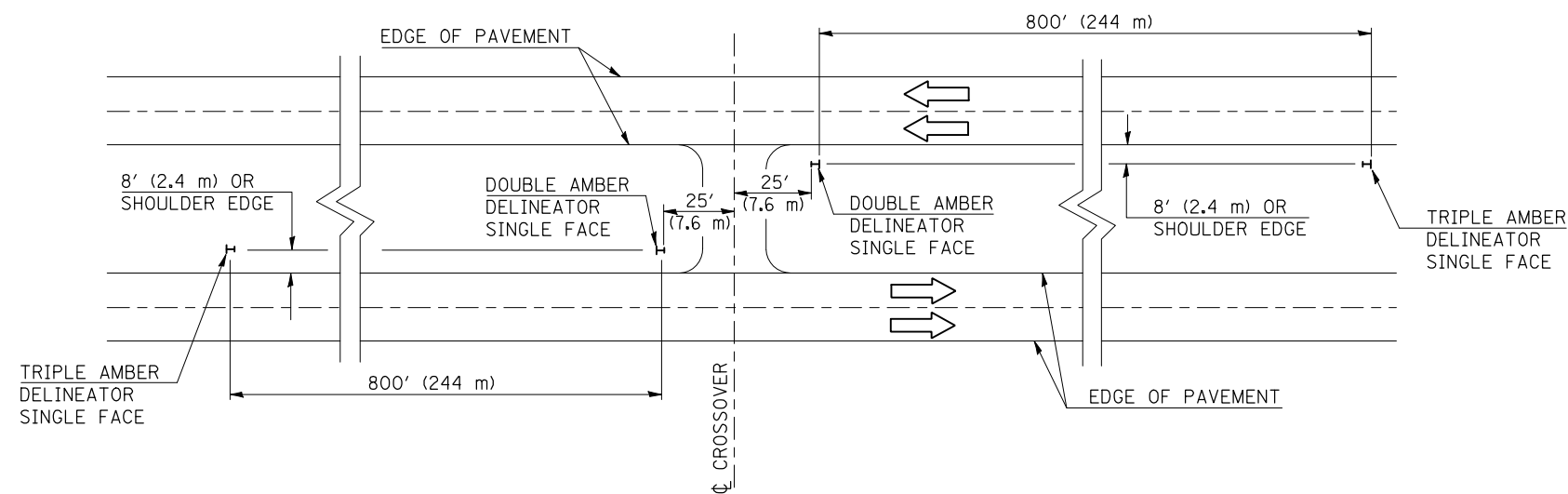
EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

POSTS INDICATED AS "ORANGE TOP" SHALL HAVE NO REFLECTORS. THEY SHALL HAVE THE TOP 12" (300 mm) (MINIMUM) OF THE POST PAINTED A BRIGHT ORANGE COLOR SIMILAR TO CONSTRUCTION SIGNS, AND SHALL MEET THE APPROVAL OF THE ENGINEER. FLUORESCENT PAINT OR OTHER SPECIAL RETROREFLECTIVE COATINGS WILL NOT BE REQUIRED.

FOR ONE-WAY ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS. ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.

MEDIAN DELINEATORS AT CROSSOVER  
(FOR INTERSTATES, EXPRESSWAYS, DUAL HIGHWAYS)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 63500105

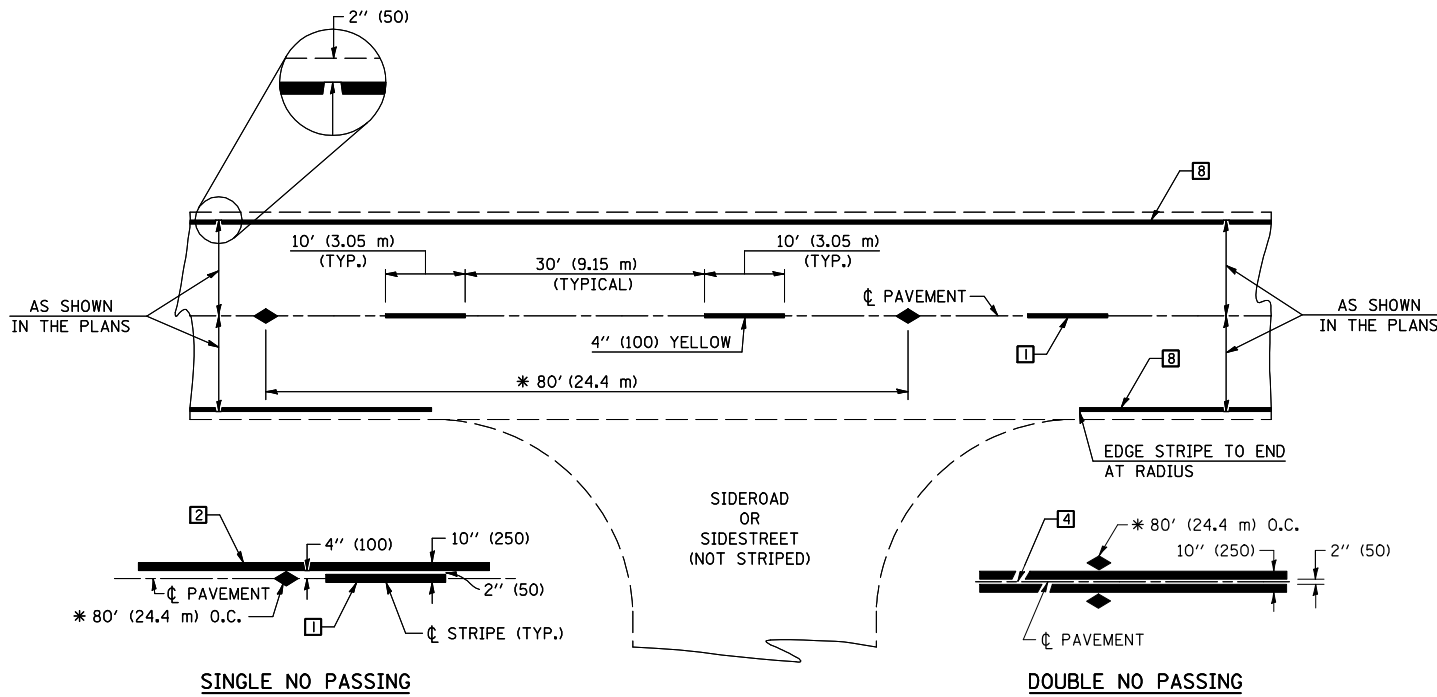
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|   | PLOT SCALE = 40.0000' / IN. | CHECKED -  | REVISED -       |
|   | PLOT DATE = 2/3/2011        | DATE -     | REVISED -       |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DELINEATORS

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

| F.A.P. RTE.                                   | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|------------------|--------|--------------------|-----------|
| 721   | (113RS-4, 124RS) | DEWITT | 153                | 55        |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        | CONTRACT NO. 70660 |           |



\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

**TWO LANE/TWO WAY**

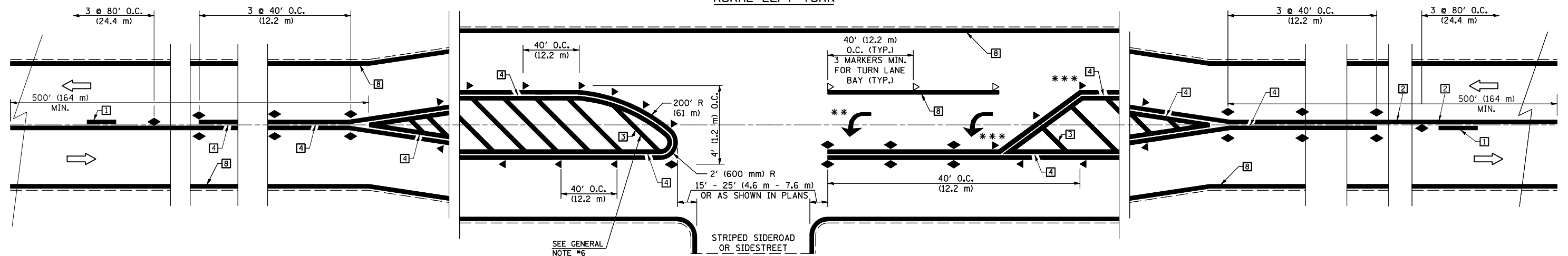
**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4'' (100) SKIP-DASH (YELLOW)
- 2 4'' (100) SOLID (YELLOW)
- 3 12'' (300) DIAGONAL (YELLOW)
- 4 4'' (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4'' (100) SKIP-DASH (WHITE)
- 8 4'' (100) SOLID (WHITE)
- 9 12'' (300) DIAGONAL (WHITE)
- 10 6'' (150) SOLID (WHITE)
- 11 24'' (600) STOP BAR (WHITE)
- 12 8'' (200) SOLID (WHITE)
- 13 4'' (100) LANE LINE EXTENSIONS (WHITE)
- 14 4'' (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**RURAL LEFT TURN**



\*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

\*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. 7800AAA**

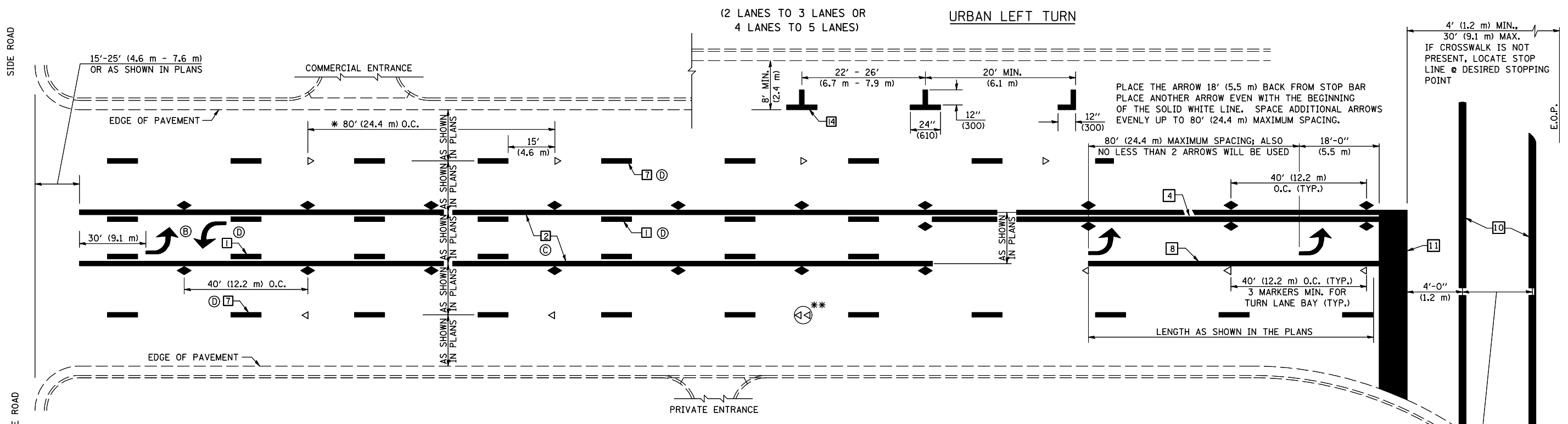
|   |                             |            |                         |
|---|-----------------------------|------------|-------------------------|
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|   | PLOT SCALE = 40.0000' / IN. | CHECKED -  | REVISED -               |
|   | PLOT DATE = 2/3/2011        | DATE -     | REVISED -               |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

| F.A.P. RTE.                                   | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------------|--------|--------------|-----------|
| 721   | (113RS-4, 124RS) | DEWITT | 153          | 56        |
| CONTRACT NO. 70660                            |                  |        |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        |              |           |

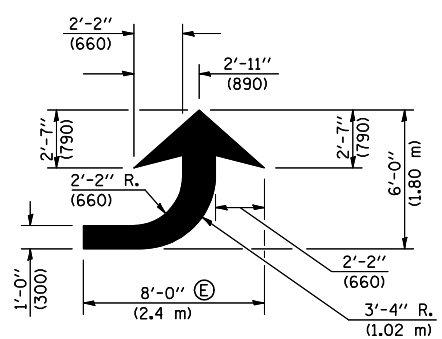


\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

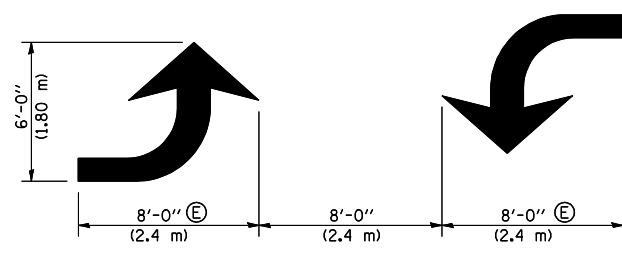
**GENERAL NOTES:**

- (B) TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- (C) THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- (D) THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



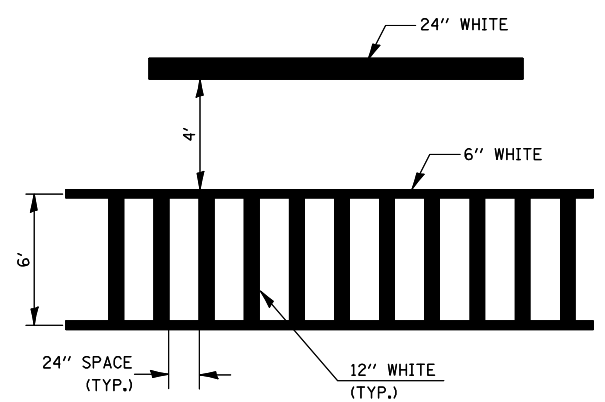
**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)

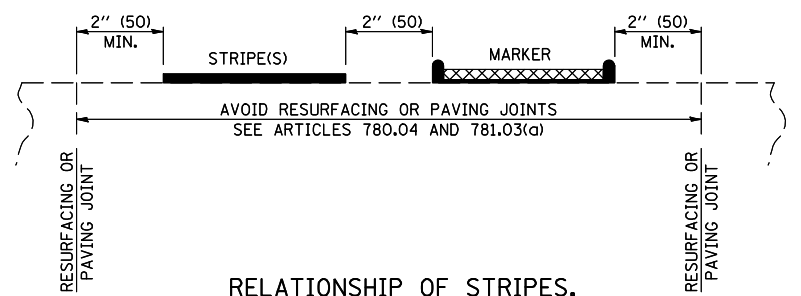


**TYPICAL DOUBLE TURN ARROWS (WHITE)**

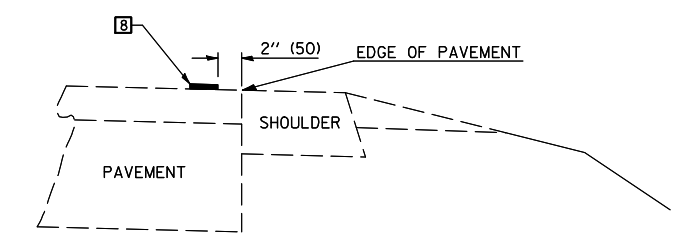
**BLOOMINGTON-NORMAL CITY LIMITS ONLY**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



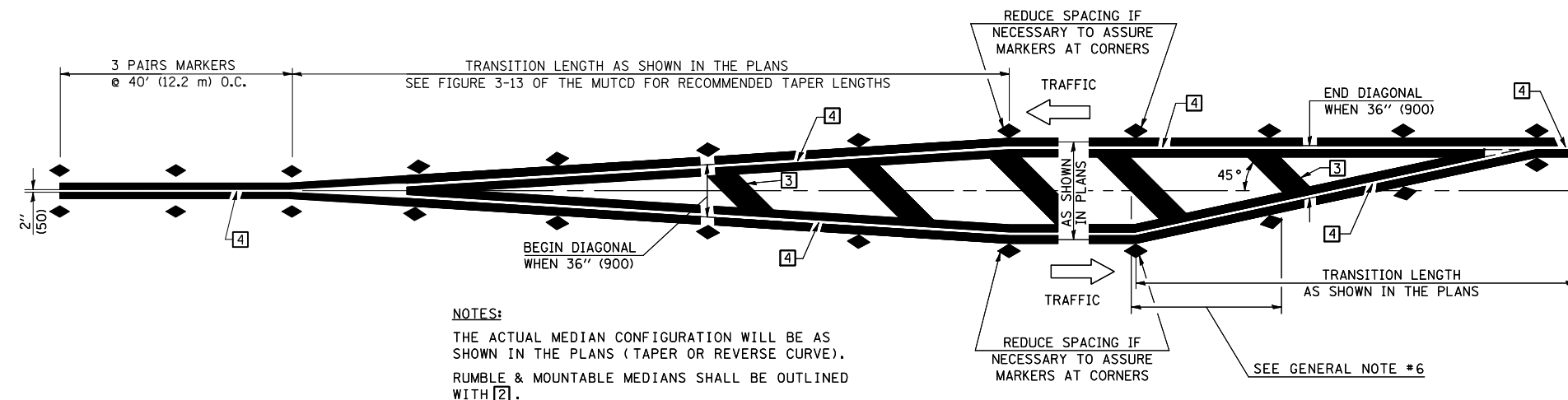
**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

|  |                       |                         |                     |   |  |                           |         |        |              |           |
|--|-----------------------|-------------------------|---------------------|---|--|---------------------------|---------|--------|--------------|-----------|
| FILE NAME =  | USER NAME = coombessf | DESIGNED -              | REVISED - 11/06     | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PAVEMENT MARKING AND MARKERS<br/>(RURAL &amp; URBAN APPLICATIONS)</b> | F.A.P. RTE.               | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| ct:\pwk\work\p\dot\coombessf\d0106513\0570660-shr-detail.s.dgn | DRAWN -               | REVISED - 09/2009 - KJT | 721                 |   |  | (113RS-4, 124RS)          | DEWITT  | 153    | 57           |           |
| PLOT SCALE = 40.0000' / IN.                                    | CHECKED -             | REVISED -               | CONTRACT NO. 70660  |   |  |                           |         |        |              |           |
| PLOT DATE = 2/3/2011   | DATE -                | REVISED -               | FED. ROAD DIST. NO. |   |  | ILLINOIS FED. AID PROJECT |         |        |              |           |

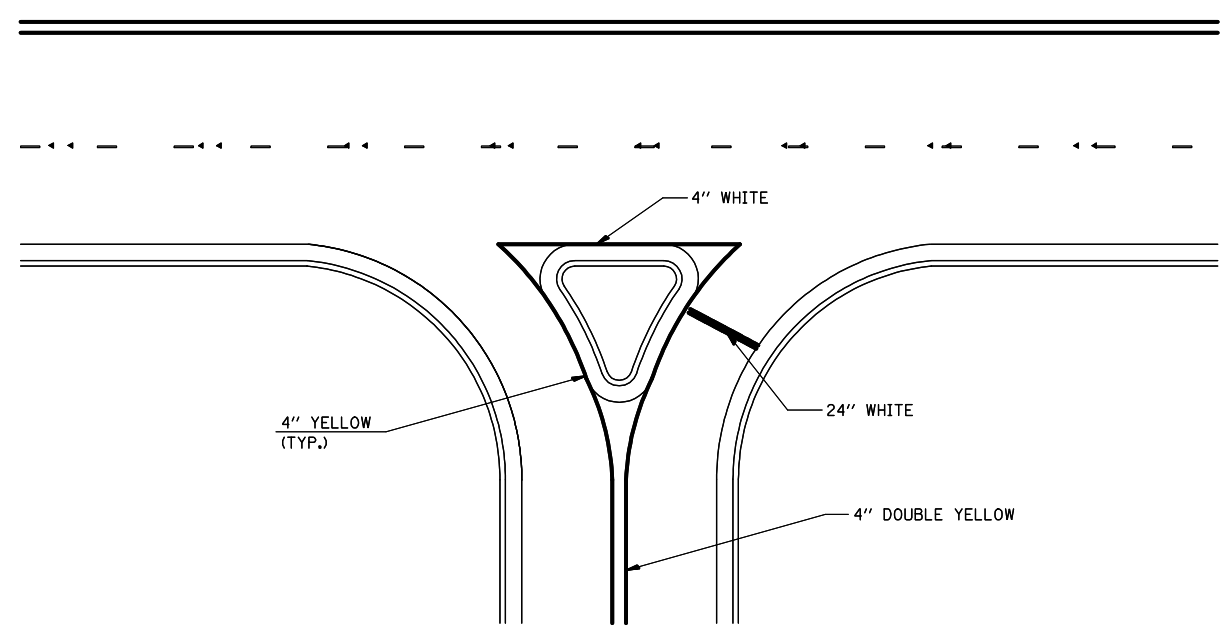


**NOTES:**  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).  
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

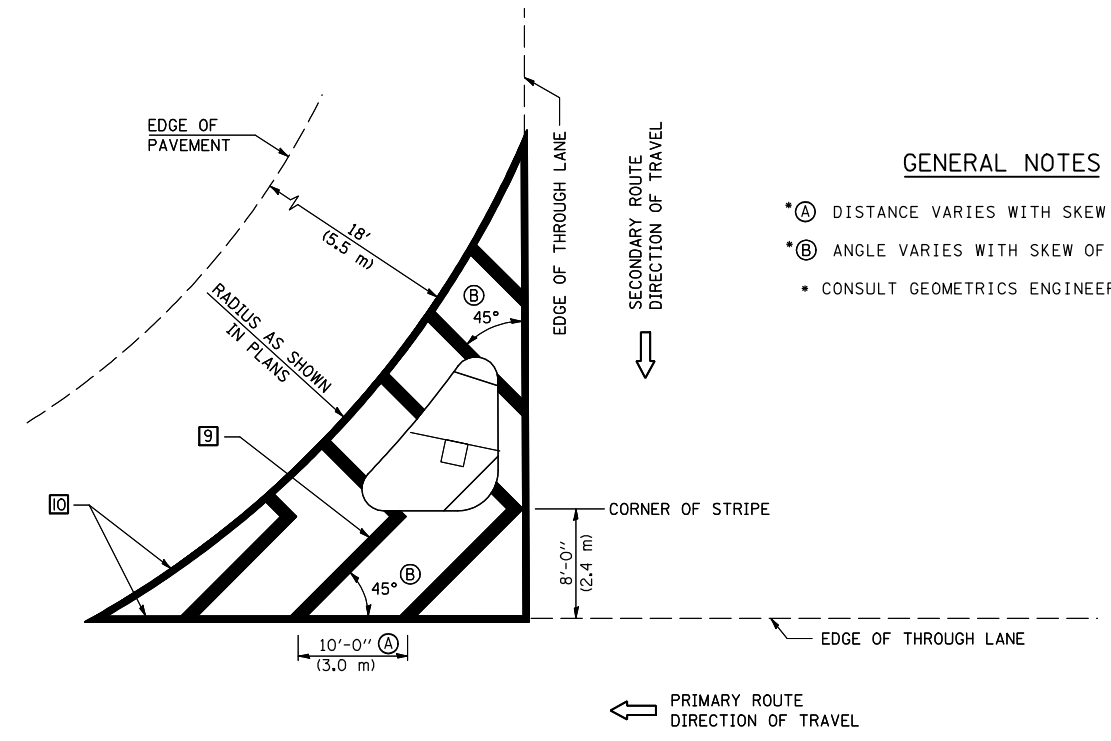
**TYPICAL MEDIAN TRANSITIONS**

**GENERAL NOTES**

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,  
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)  
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)  
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



**RIGHT IN - RIGHT OUT ACCESS**



**GENERAL NOTES**

- \*A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- \*B ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

**ISLAND**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

|   |                             |            |                         |
|---|-----------------------------|------------|-------------------------|
| FILE NAME =   | USER NAME = coombessf       | DESIGNED - | REVISED - 11/06         |
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|   | PLOT SCALE = 40.0000' / IN. | CHECKED -  | REVISED -               |
|   | PLOT DATE = 2/3/2011        | DATE -     | REVISED -               |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
 (RURAL & URBAN APPLICATIONS)**

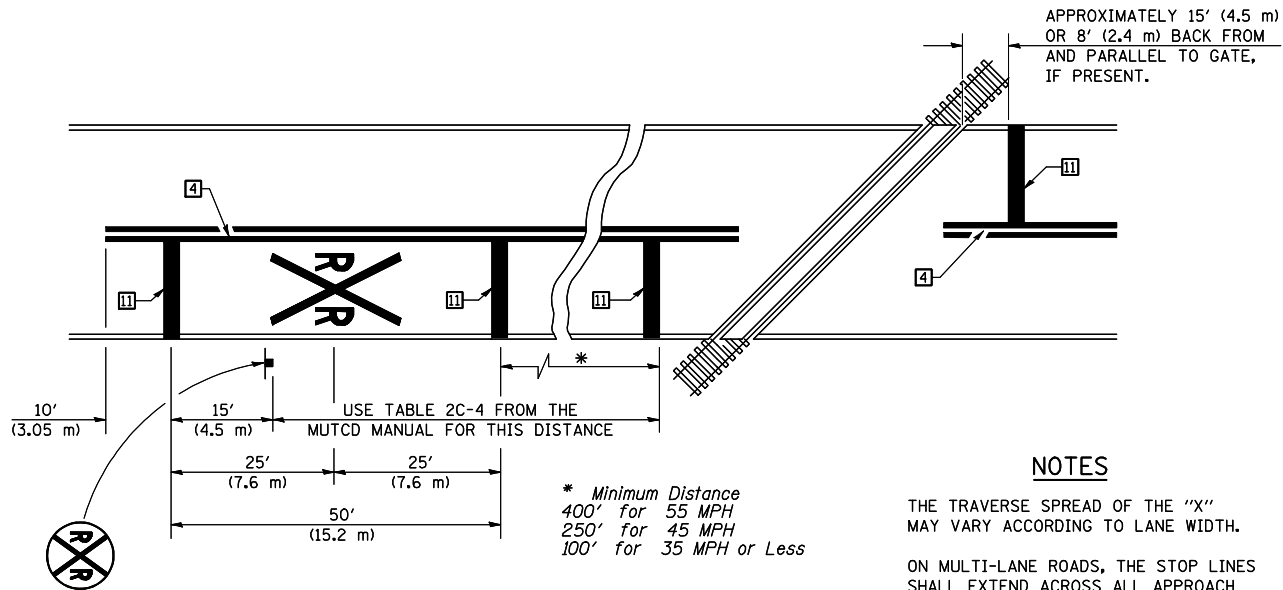
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

**DISTRICT 5 DETAIL NO. 7800AAA**

| F.A.P. RTE.                                   | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|------------------|--------|--------------------|-----------|
| 721   | (113RS-4, 124RS) | DEWITT | 153                | 58        |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        | CONTRACT NO. 70660 |           |

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

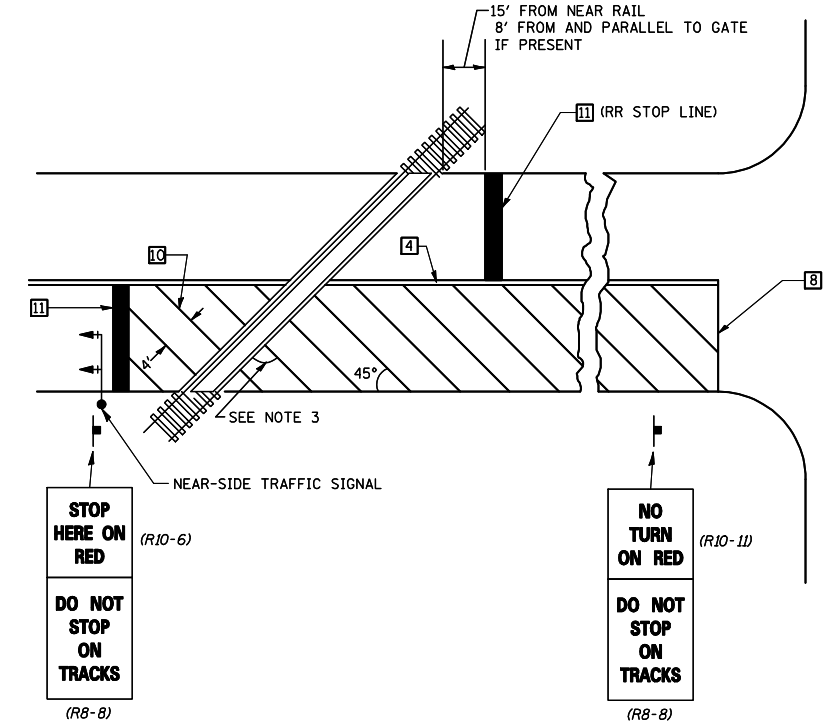
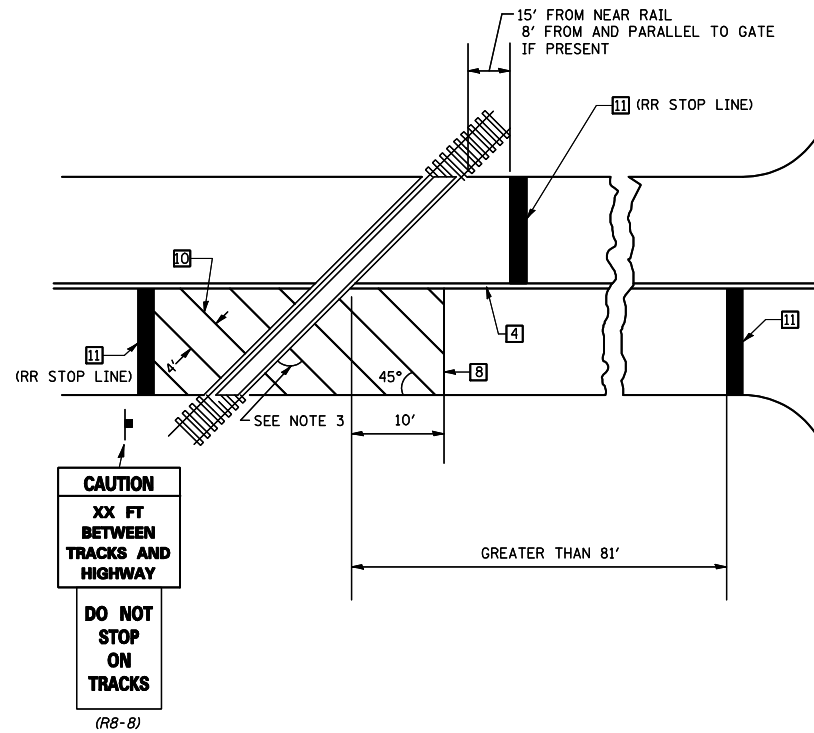
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

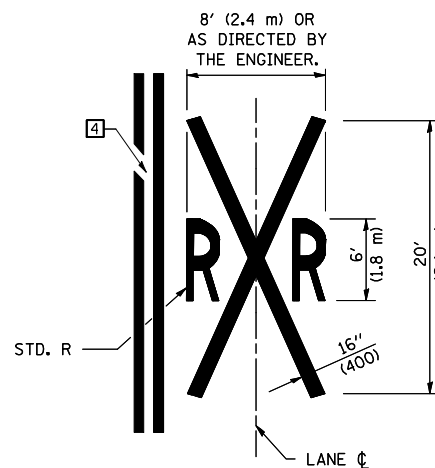
\* Minimum Distance  
400' for 55 MPH  
250' for 45 MPH  
100' for 35 MPH or Less



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

|   |                              |            |                         |
|---|------------------------------|------------|-------------------------|
| FILE NAME =   | USER NAME = coombessf        | DESIGNED - | REVISED - 11/06         |
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|   | PLOT SCALE = 40.0000 ' / IN. | CHECKED -  | REVISED -               |
|   | PLOT DATE = 2/3/2011         | DATE -     | REVISED -               |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

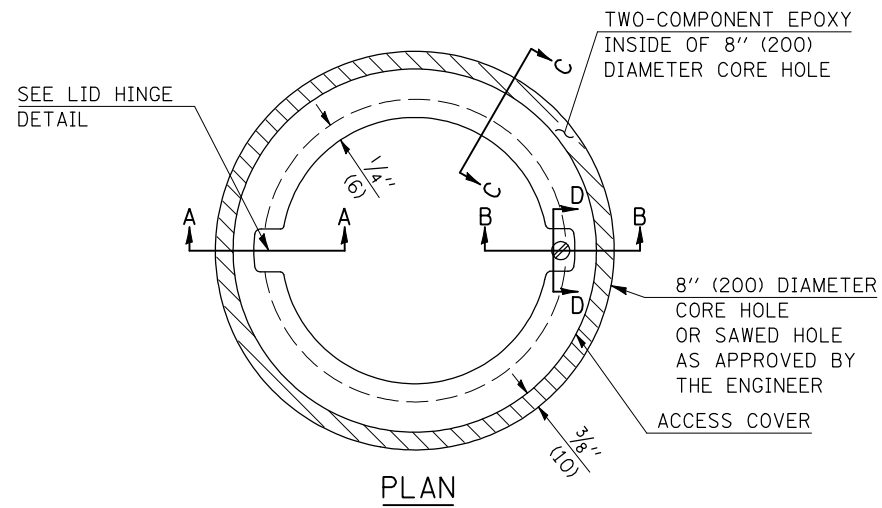
PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

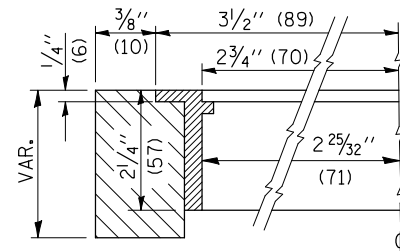
| F.A.P. RTE.                                   | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---|------------------|--------|--------------------|-----------|
| 721   | (113RS-4, 124RS) | DEWITT | 153                | 59        |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        | CONTRACT NO. 70660 |           |

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)

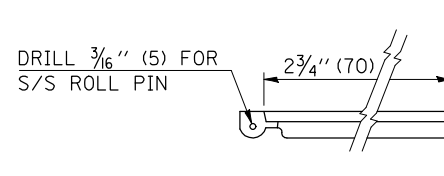


**LEGEND**

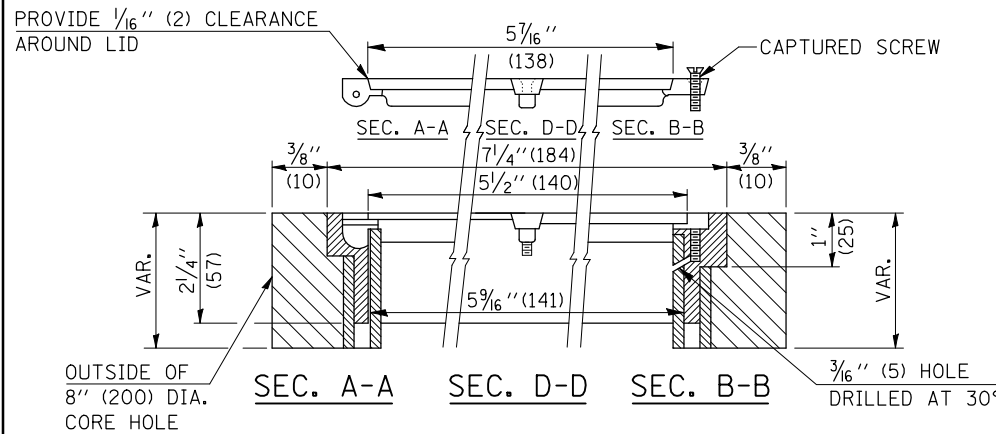
- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)



**SECTION C-C**



**LID HINGE DETAIL**



**ELEVATION**

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; Q0-A-60IES. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).

**BILL OF MATERIAL**

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101. 5/8" X 48" (#15 X 1.2 m ) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

**GENERAL NOTES**

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE - FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
6. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
7. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. X0301232**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SURVEY MARKER VAULT**

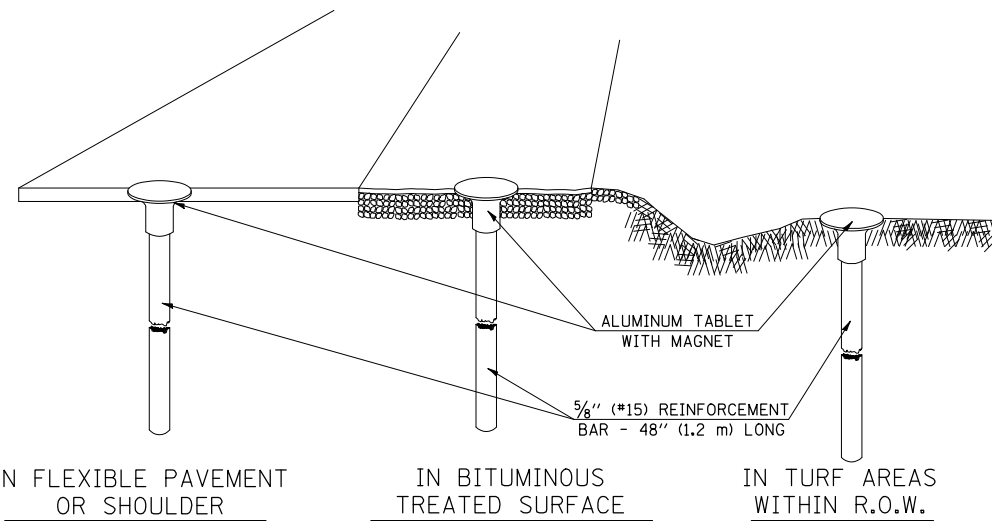
SCALE: SHEET NO. OF SHEETS STA. TO STA.

| F.A.P. RTE.                                   | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 721   | (113RS-4, 124RS) | DEWITT | 153          | 60        |
| CONTRACT NO. 70660                            |                  |        |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        |              |           |



## XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

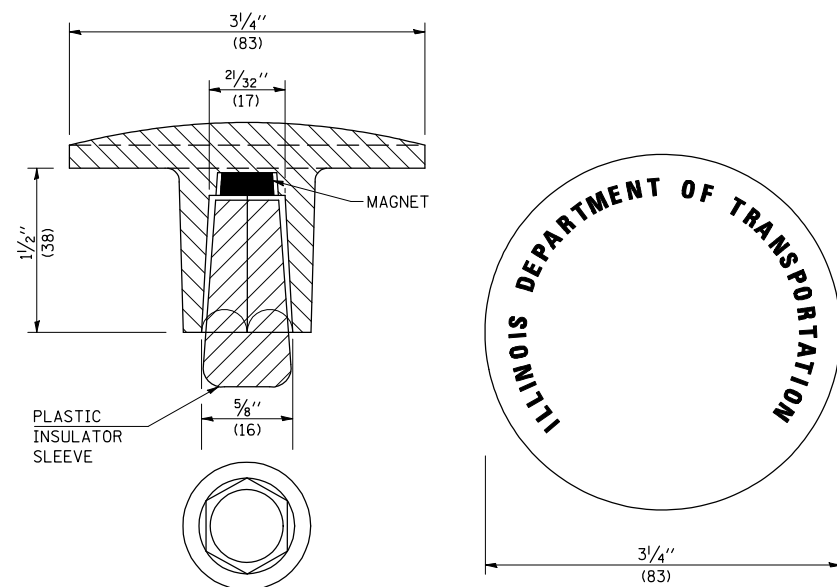
TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



IN FLEXIBLE PAVEMENT OR SHOULDER

IN BITUMINOUS TREATED SURFACE

IN TURF AREAS WITHIN R.O.W.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

### GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED  $\pm 1/4"$  (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

### SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR.  $3/4"$  (83 mm) CONVEX SURVEY CAP FOR  $5/8"$  (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF  $1/32"$  (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM  $1 1/2"$  (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

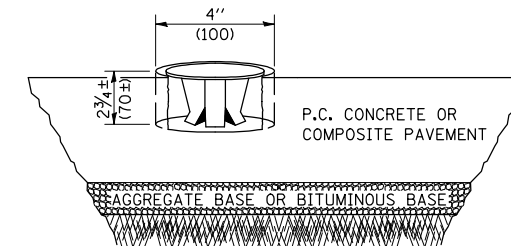
### SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE  $5/8"$  (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR  $5/8"$  (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

## XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

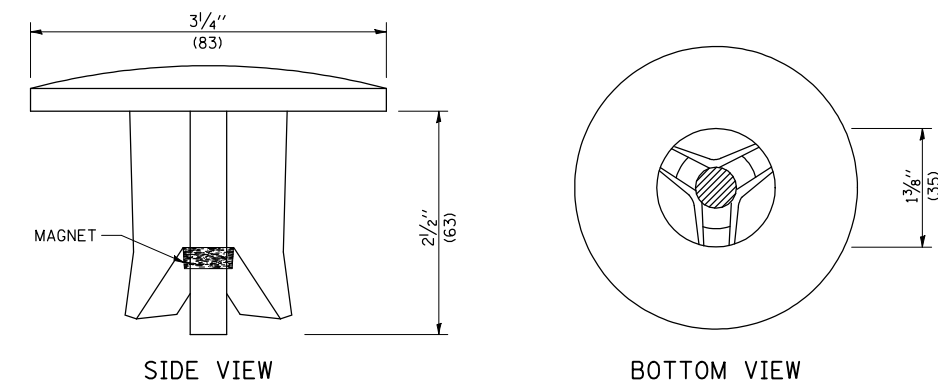
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



### SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE  $3/4"$  (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF  $1/32"$  (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A  $2 1/2"$  (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



SIDE VIEW

BOTTOM VIEW

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

### GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED  $\pm 1/4"$  (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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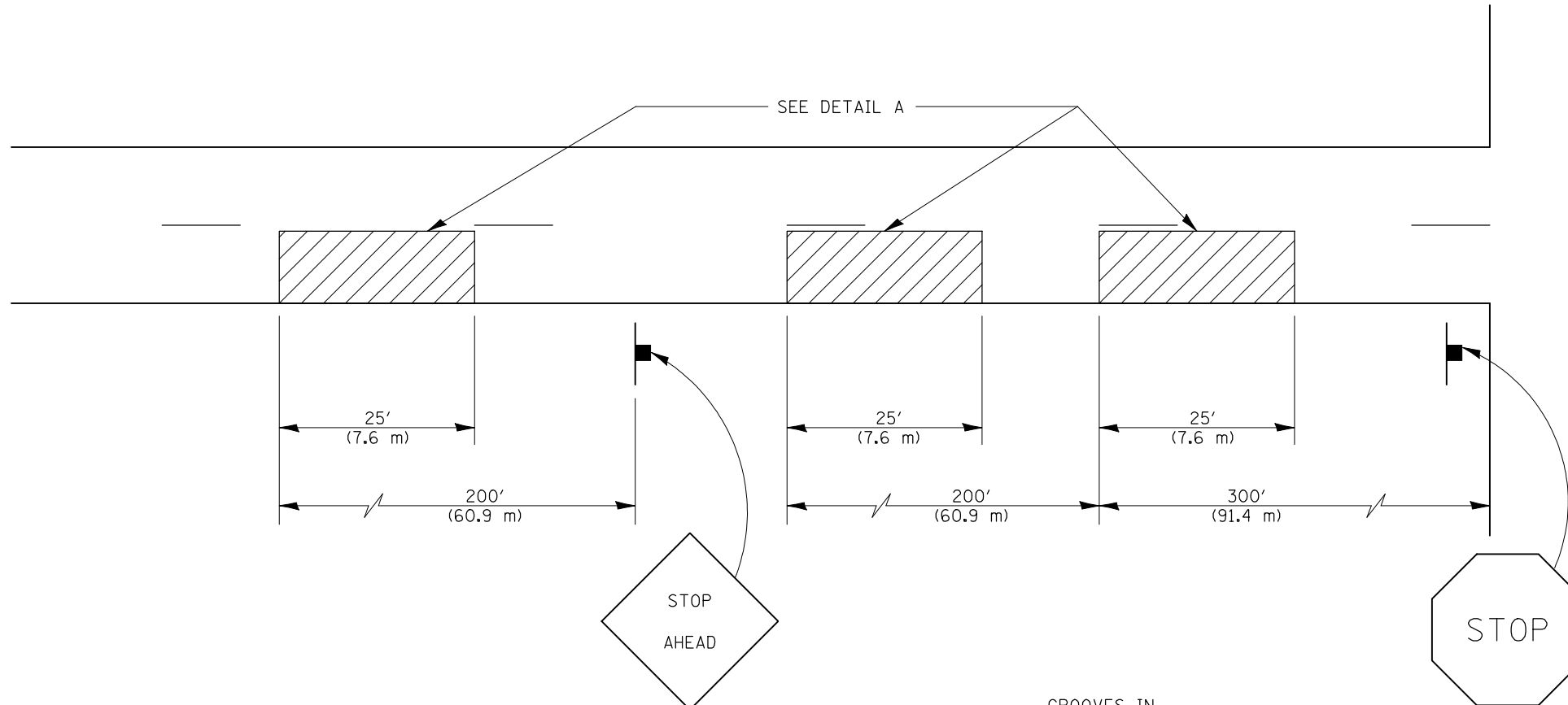
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

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

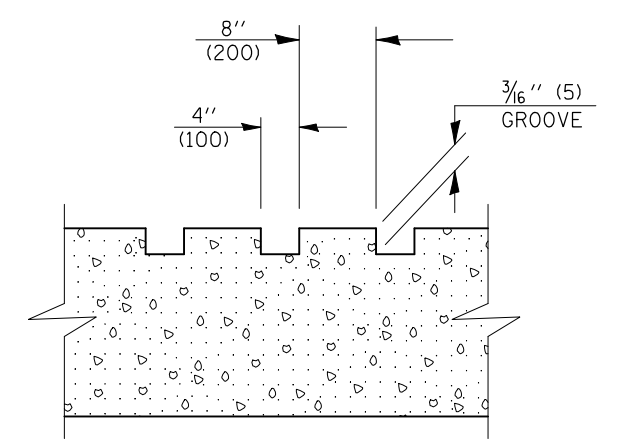
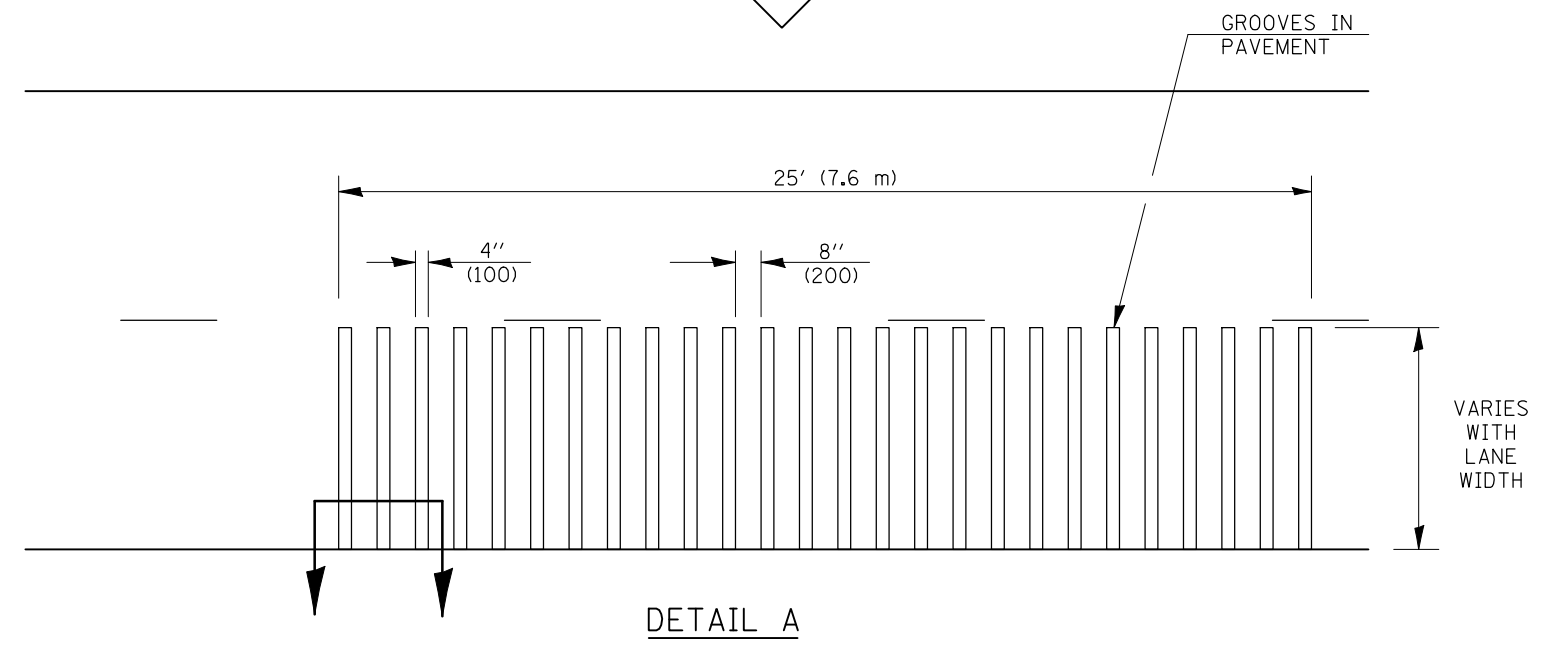
DISTRICT 5 DETAIL NO. XZ193AAA

| F.A.P. RTE.                                   | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------------|--------|--------------|-----------|
| 721   | (113RS-4, 124RS) | DEWITT | 153          | 61        |
| CONTRACT NO. 70660                            |                  |        |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        |              |           |



**GENERAL NOTES**

1. ALL GROOVES SHALL BE CONSTRUCTED USING A 4" (100 mm) MILLING HEAD OR SERIES OF 4" (100 mm) MILLING HEADS CAPABLE OF CUTTING TO THE SPECIFIED DEPTH OR ANY VARIABLE DEPTH.
2. THIS WORK WILL BE MEASURED FOR PAYMENT PER EACH 25' (7.6 m) INDIVIDUAL RUMBLE STRIP APPLIED AND PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR RUMBLE STRIP, WHICH PRICE SHALL INCLUDE ALL EQUIPMENT, MATERIAL, LABOR AND OTHER ITEMS REQUIRED TO INSTALL EACH INDIVIDUAL RUMBLE STRIP.



**SECTION A-A**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. Z0055300**

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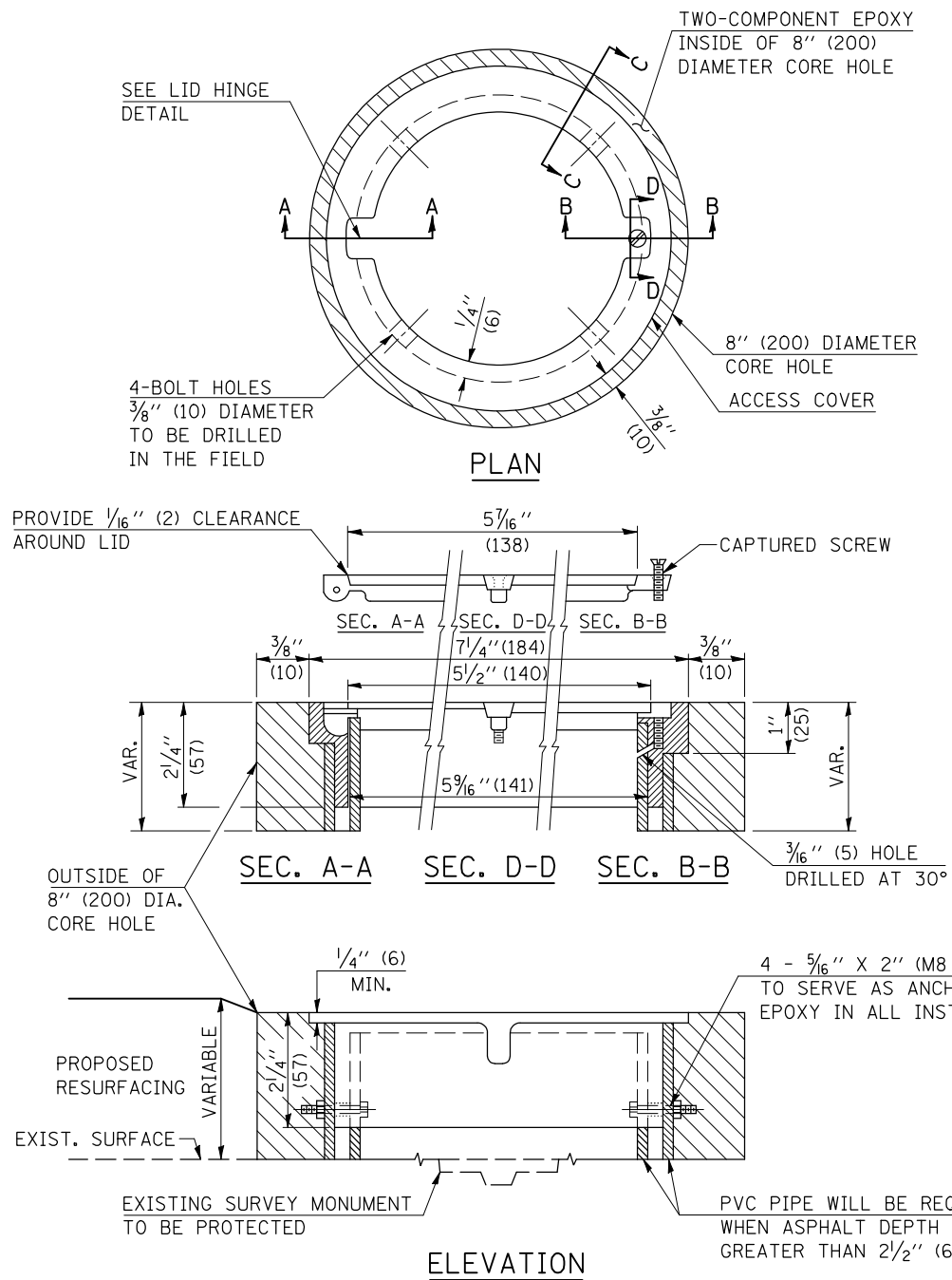
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RUMBLE STRIP (ADVANCE OF INTERSECTION WITH IL 48)**

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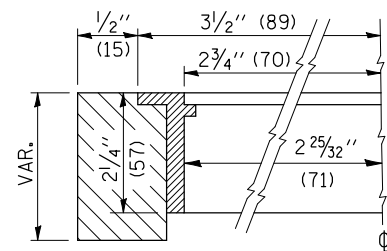
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| 721   | (113RS-4, 124RS) | DEWITT | 153                | 62        |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        | CONTRACT NO. 70660 |           |

TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)

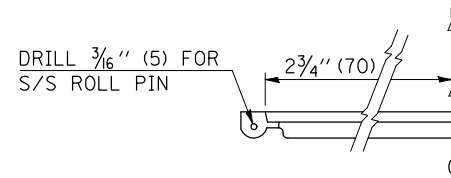


**LEGEND**

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY



**SECTION C-C**



**LID HINGE DETAIL**

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; Q0-A-601Es. NO EXCEPTIONS.

**BILL OF MATERIAL**

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).

**GENERAL NOTES**

1. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
2. THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
3. MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
4. ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
5. ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
6. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
7. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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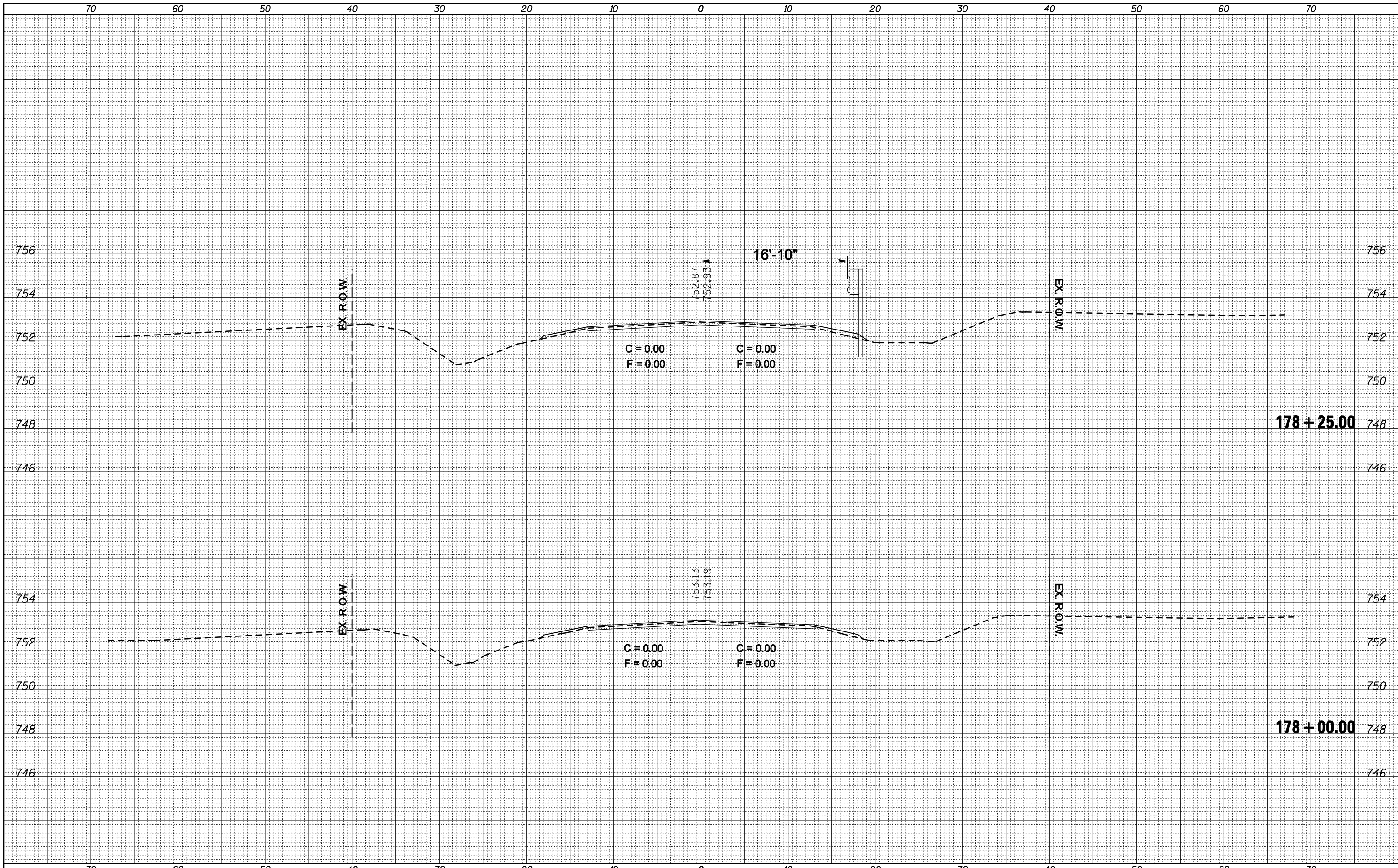
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SURVEY MONUMENT COVER ASSEMBLY**

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

**DISTRICT 5 DETAIL NO. Z0070100**

| F.A.P. RTE.                                   | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------------|--------|--------------|-----------|
| 721   | (113RS-4, 124RS) | DEWITT | 153          | 63        |
| CONTRACT NO. 70660                            |                  |        |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                  |        |              |           |



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

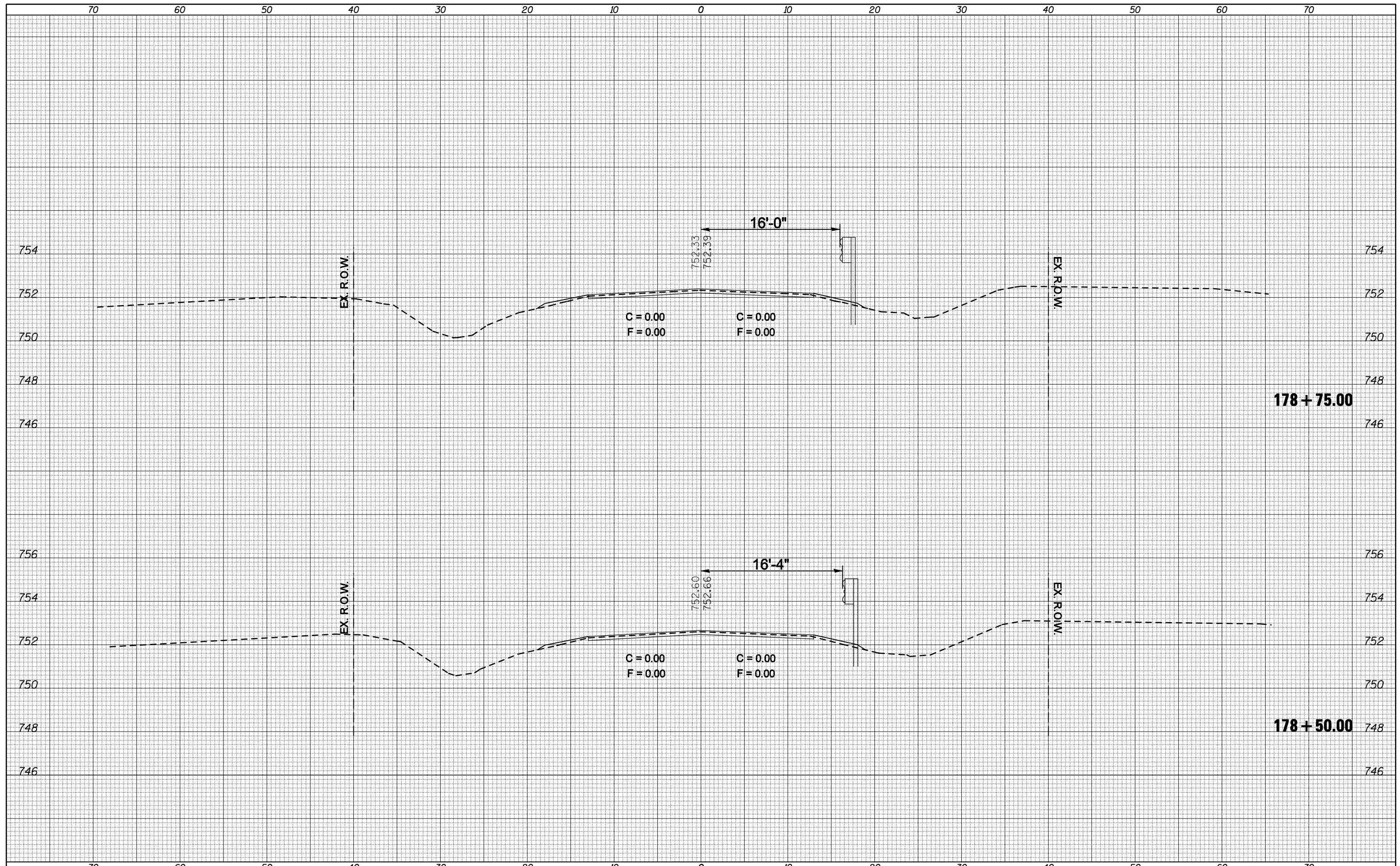
**CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 178+00.00 TO STA. 178+25.00

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| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 64        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

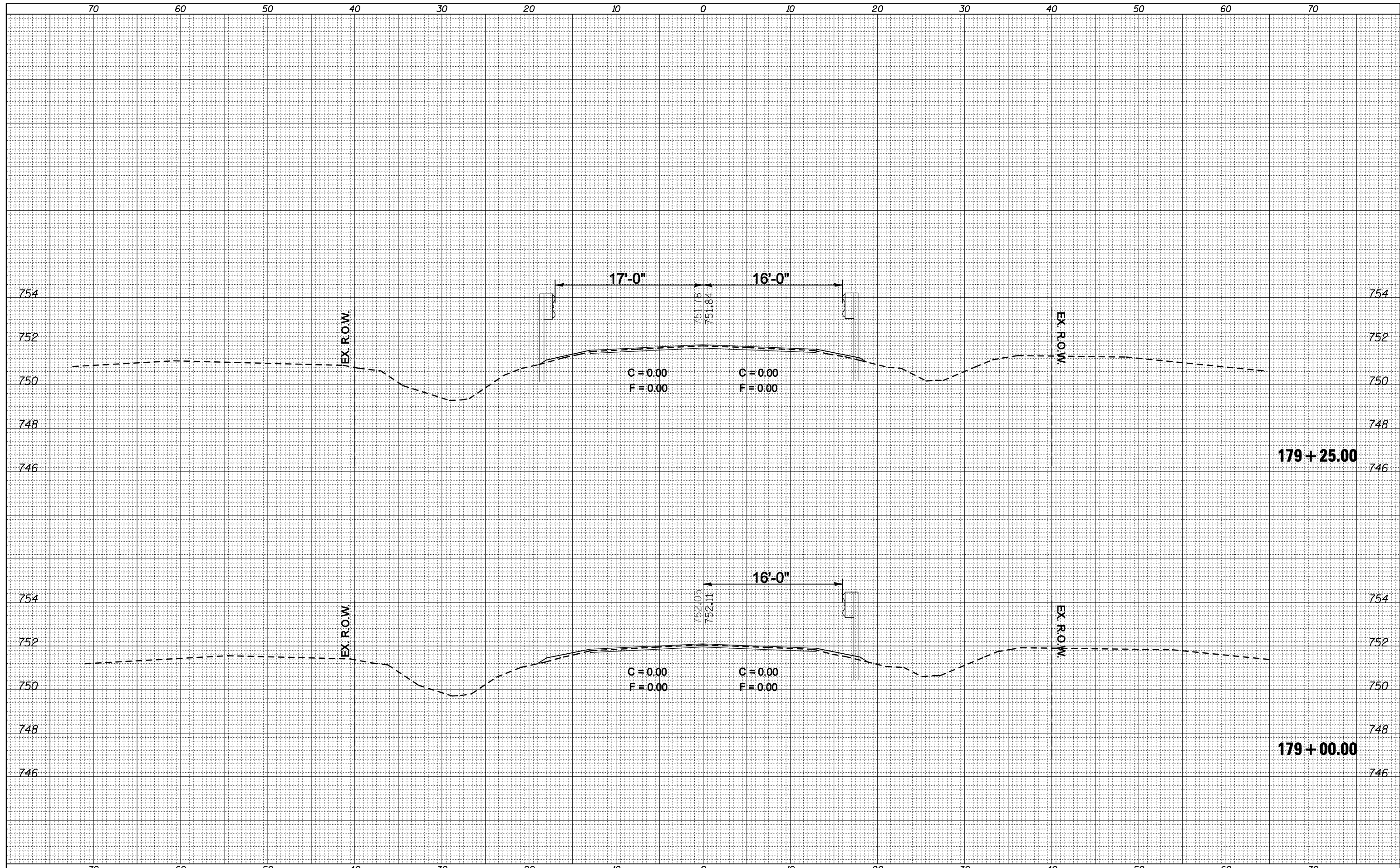
**CROSS SECTIONS**

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| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 721                       | (113RS-4, 124RS) | DeWitt | 153                | 65        |
|                           |                  |        | CONTRACT NO. 70660 |           |
| ILLINOIS FED. AID PROJECT |                  |        |                    |           |

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

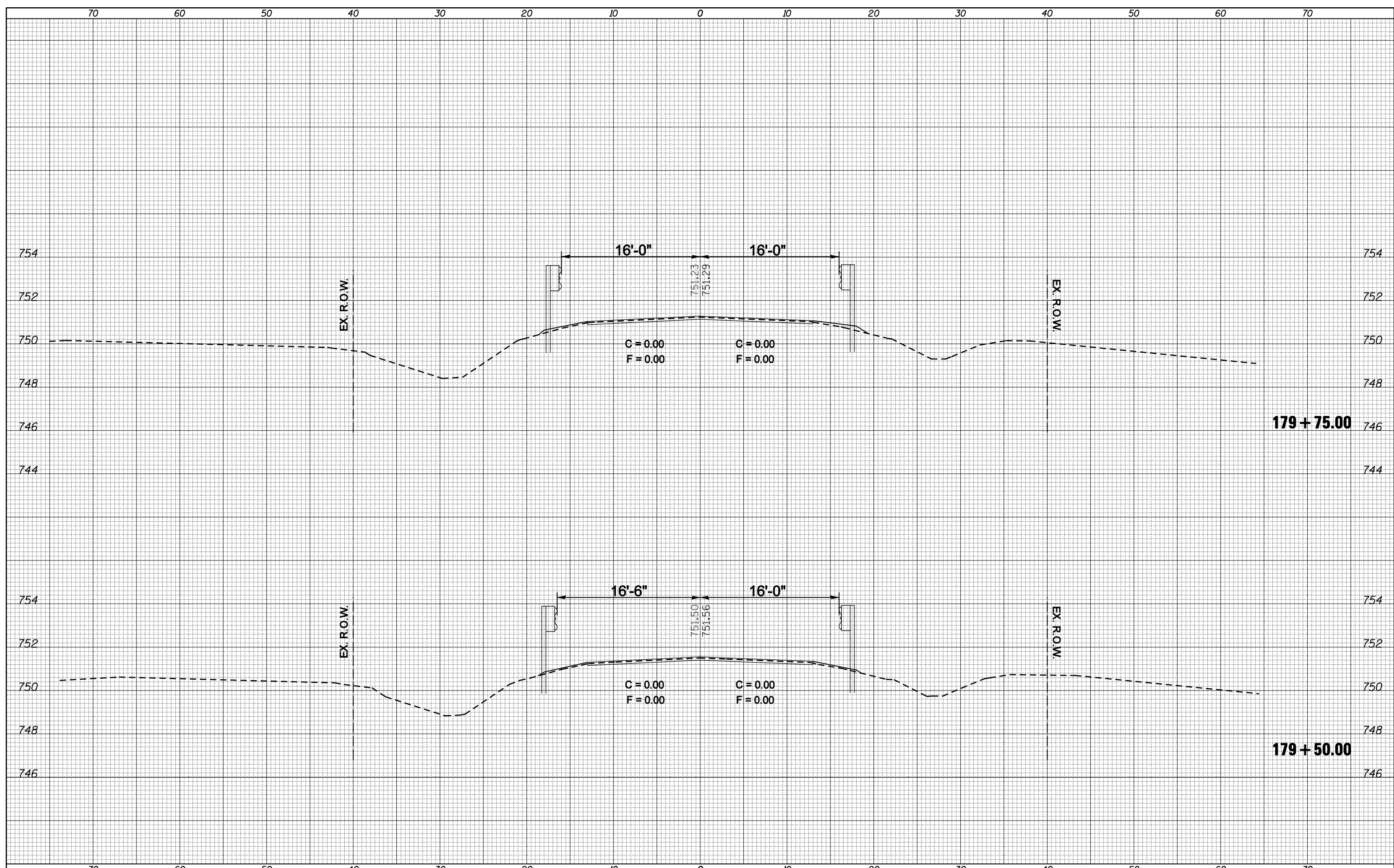
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| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 66        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |



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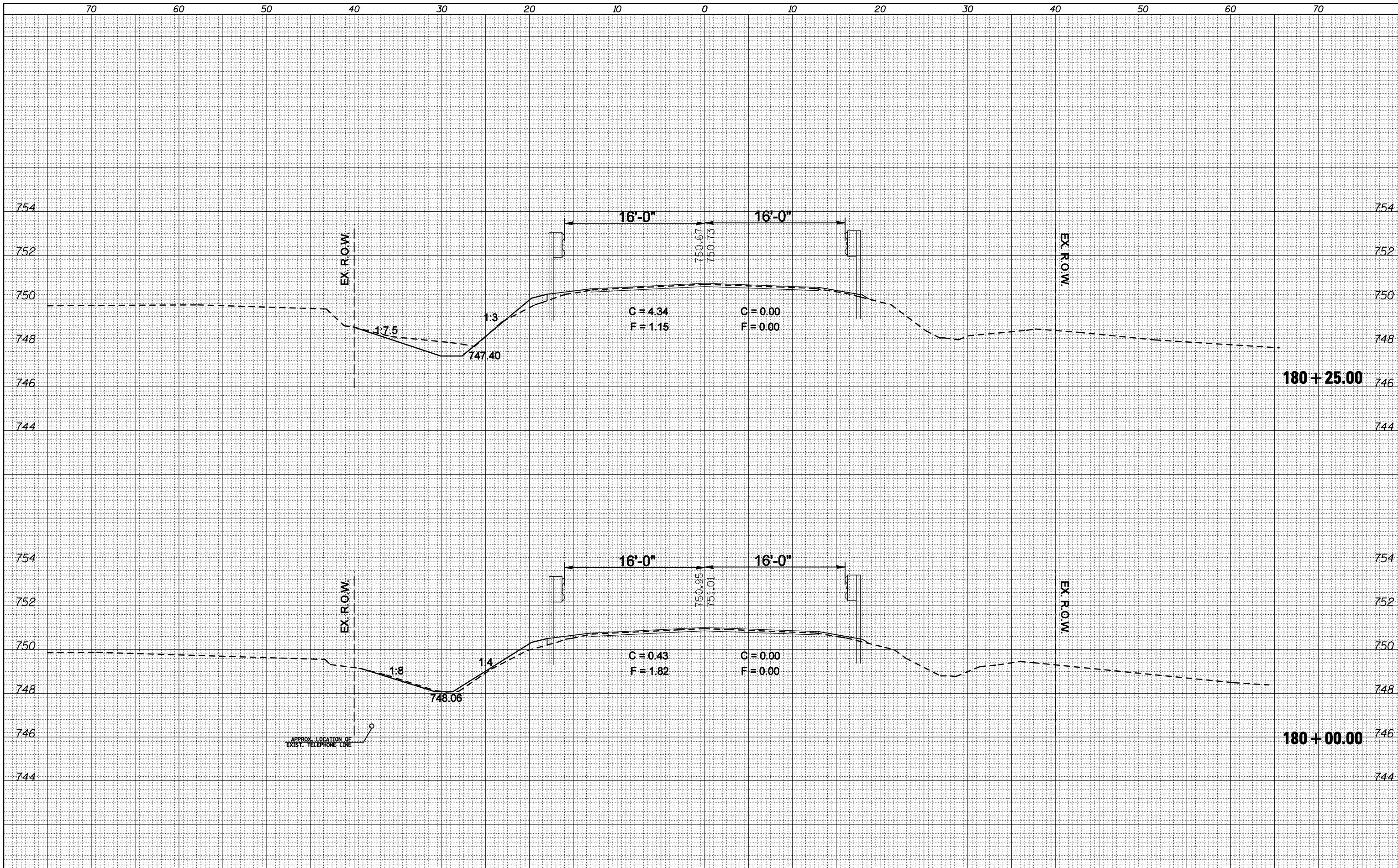
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
 SCALE: SHEET NO. OF SHEETS STA. 179+50.00 TO STA. 179+75.00

|                           |                  |        |              |           |
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| F.A.P. RTE.               | SECTION          | COUNTY | TOTAL SHEETS | SHEET NO. |
| 721                       | (113RS-4, 124RS) | DeWitt | 153          | 67        |
| CONTRACT NO.              |                  |        | 70660        |           |
| ILLINOIS FED. AID PROJECT |                  |        |              |           |

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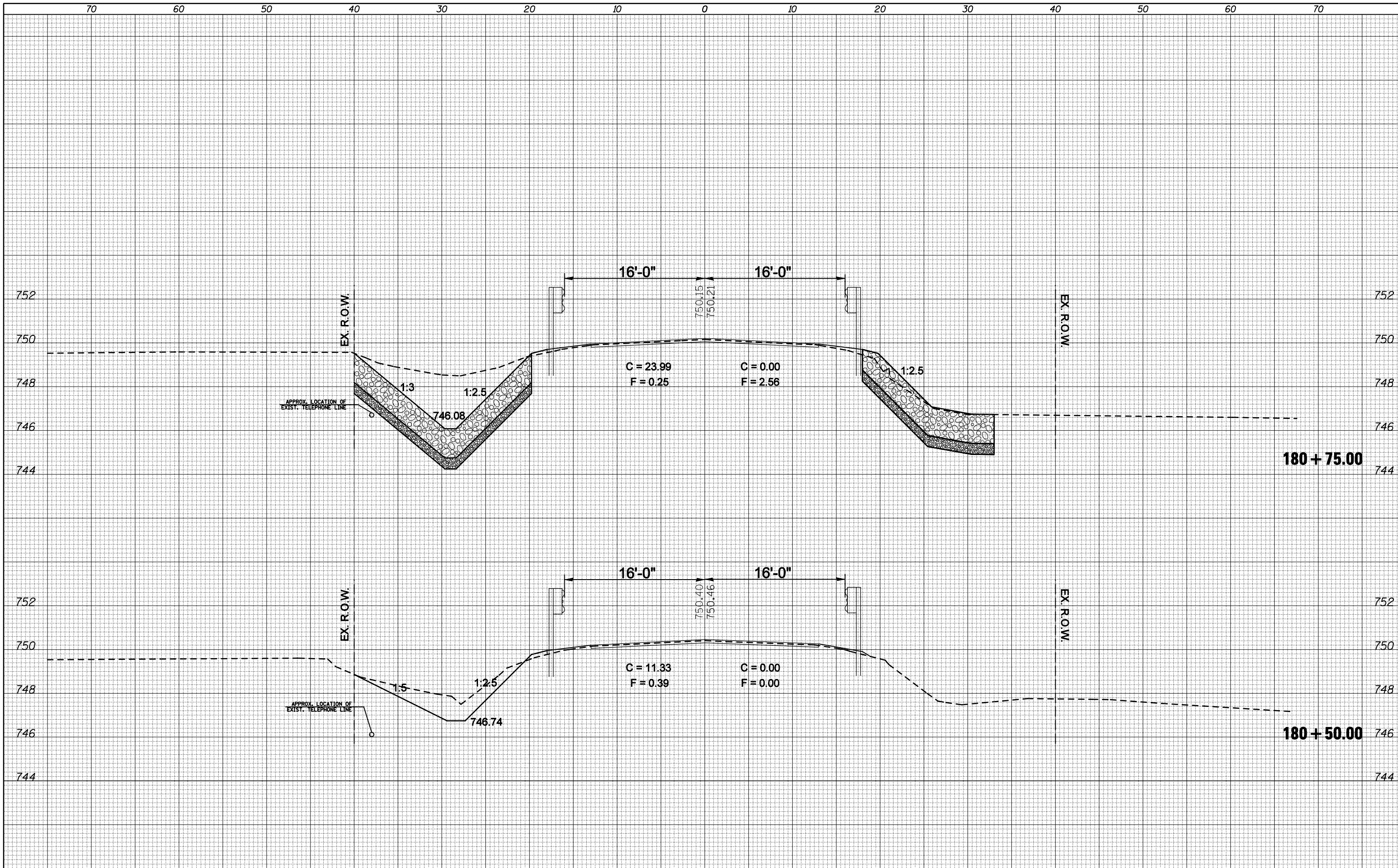
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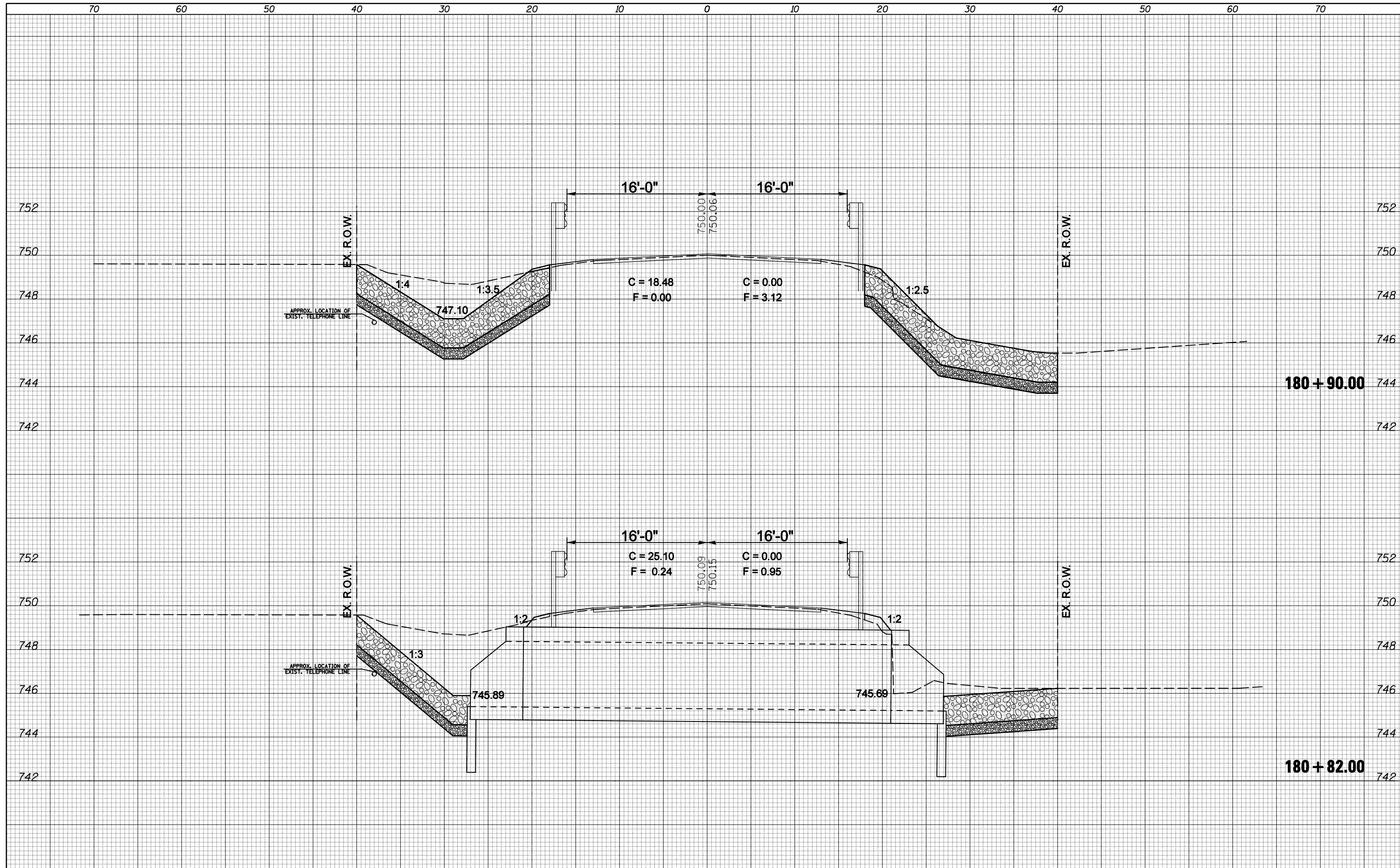
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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| SCALE: | SHEET NO. | OF | SHEETS | STA. 180+50.00 | TO STA. 180+75.00 |
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|--------------------|------------------|--------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 69        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

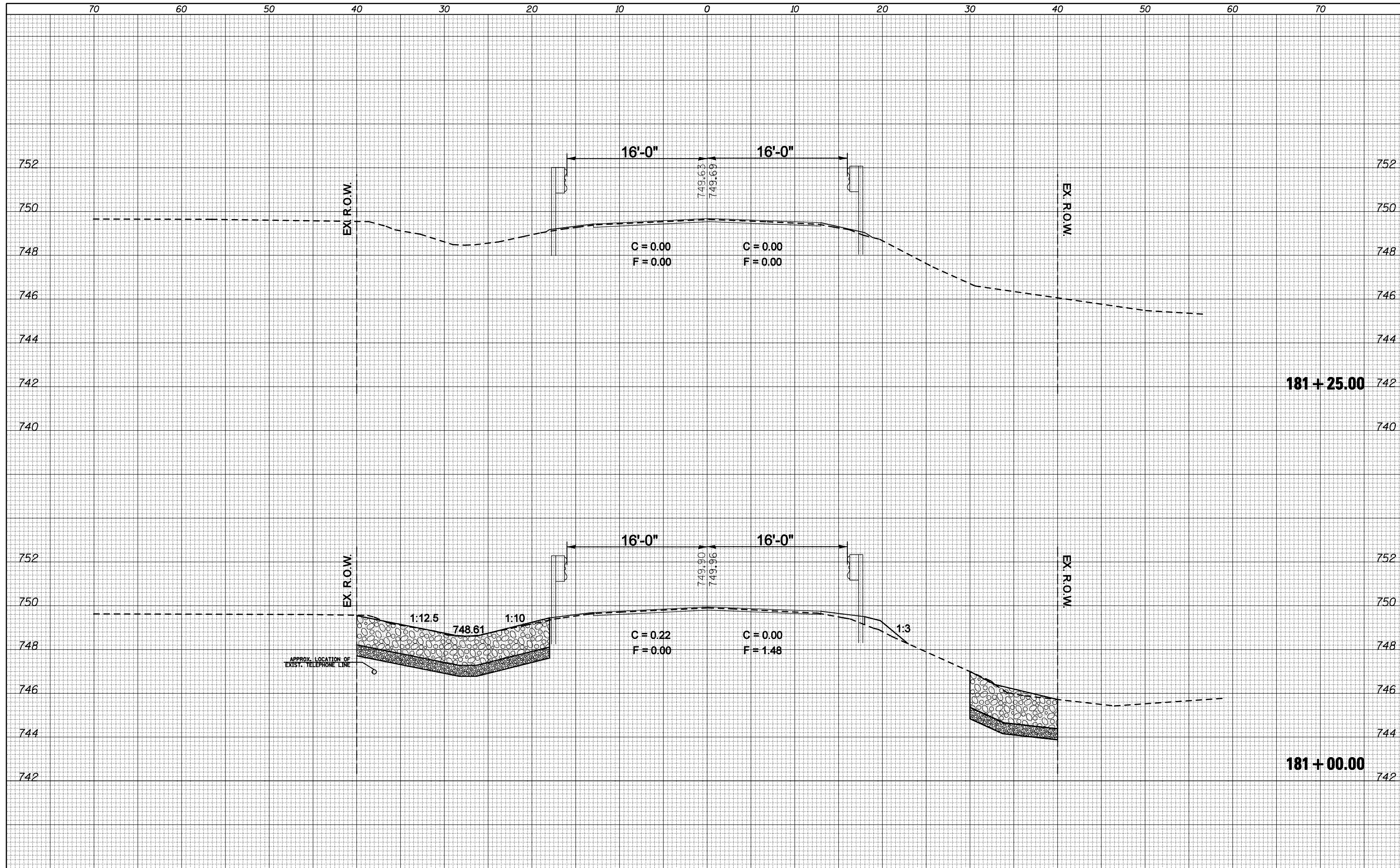
**CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 180+82.00 TO STA. 180+90.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 70        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

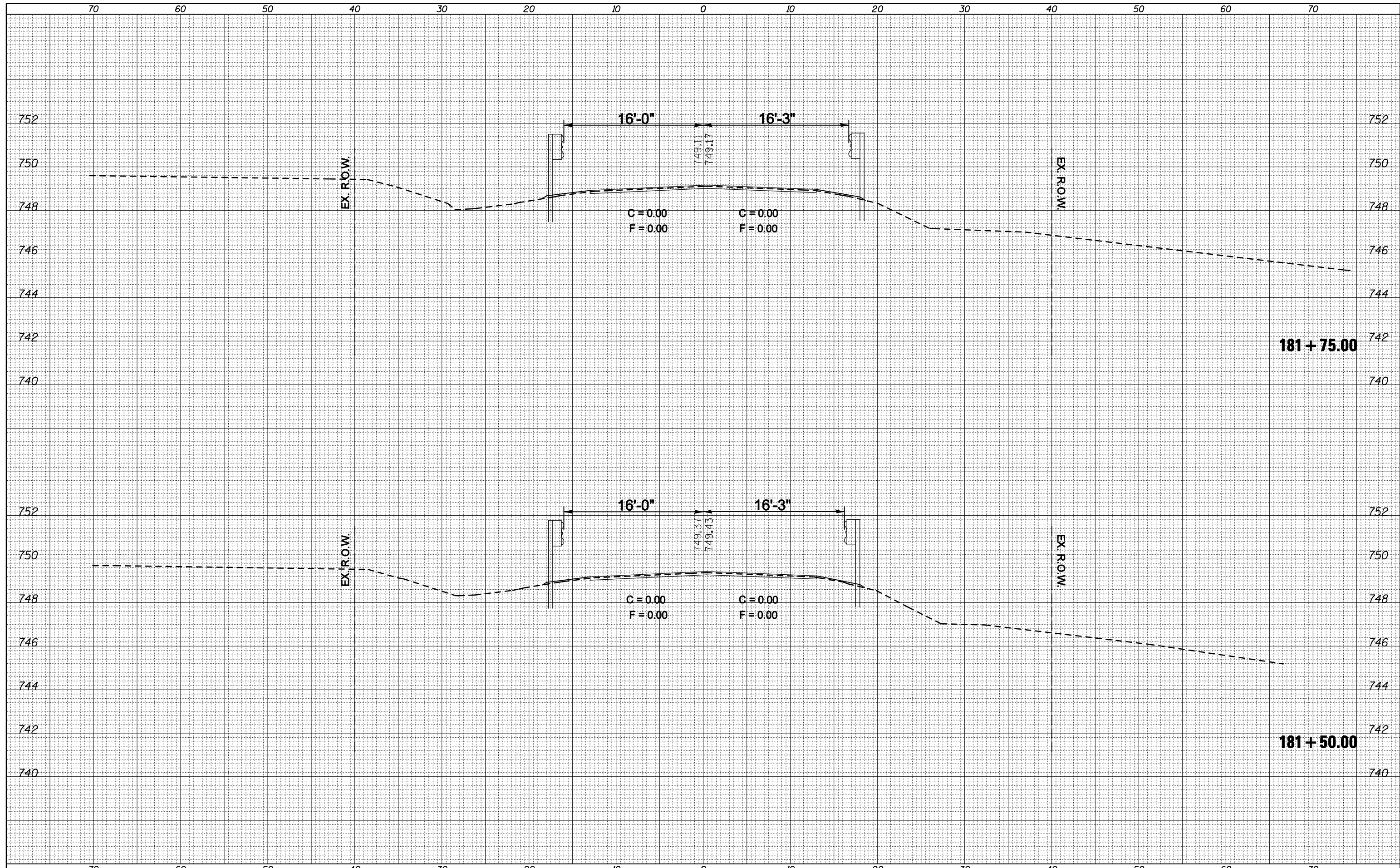
**CROSS SECTIONS**  
 SCALE: SHEET NO. OF SHEETS STA. 181+00.00 TO STA. 181+25.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 71        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |



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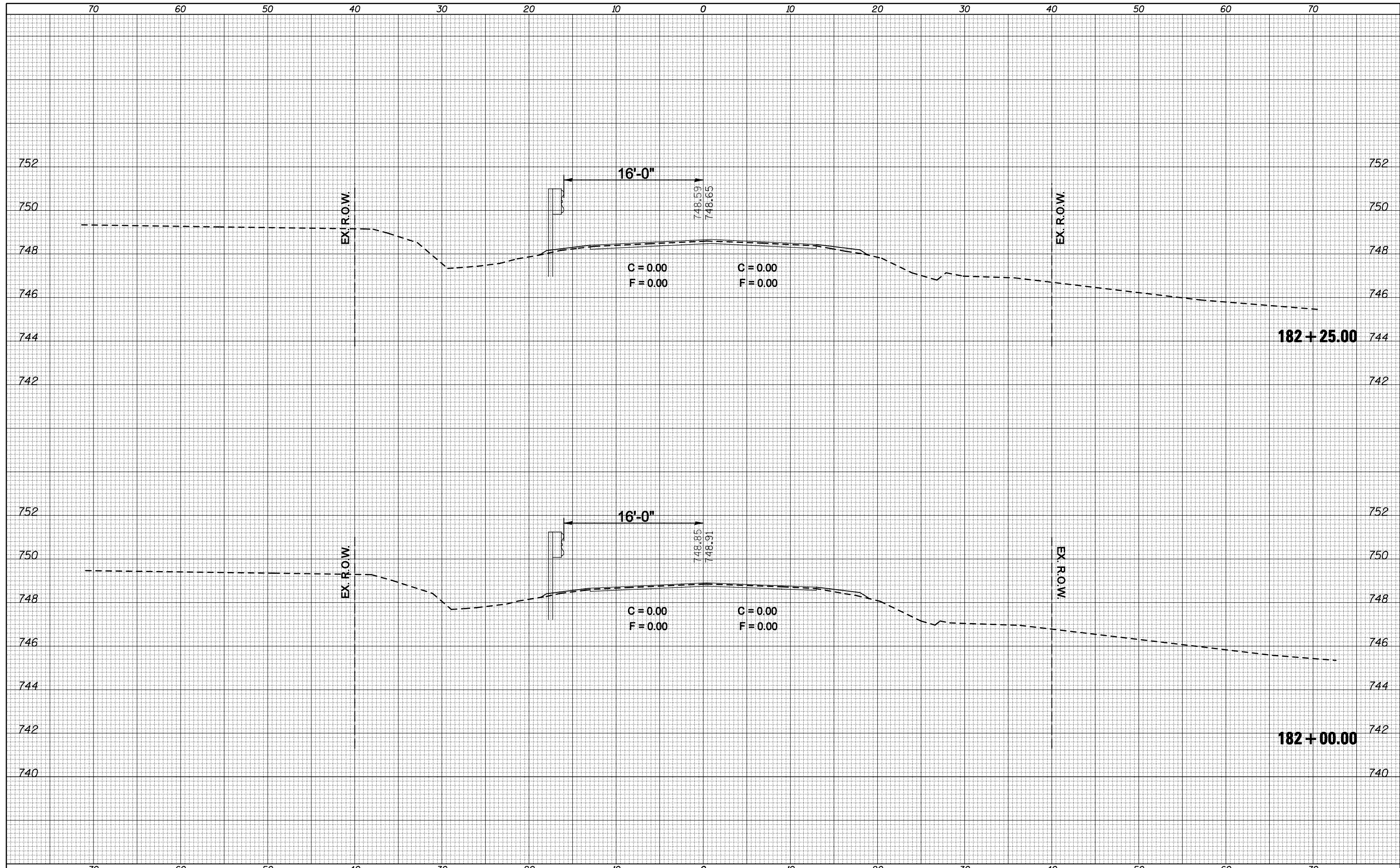
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
 SCALE: SHEET NO. OF SHEETS STA. 181+50.00 TO STA. 181+75.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 72        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 182+00.00 TO STA. 182+25.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 73        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

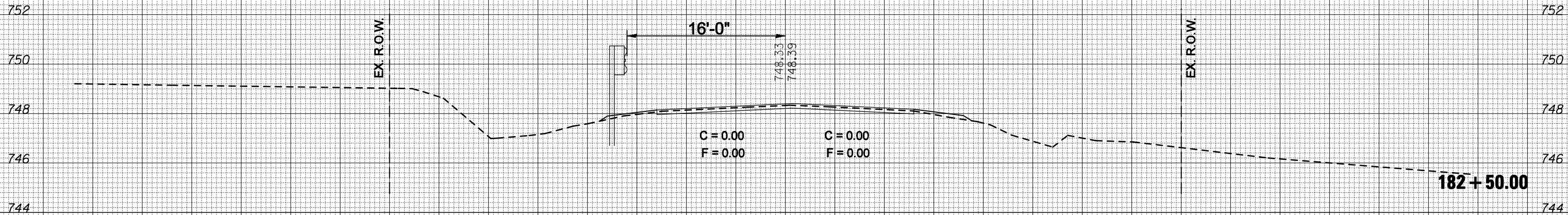
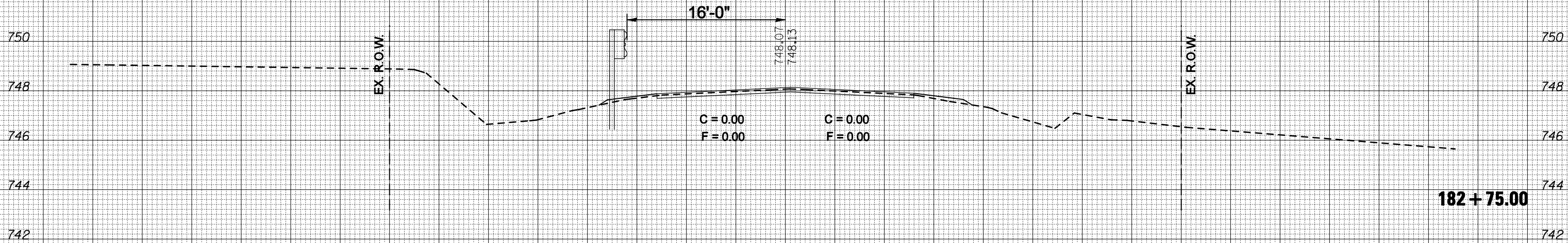
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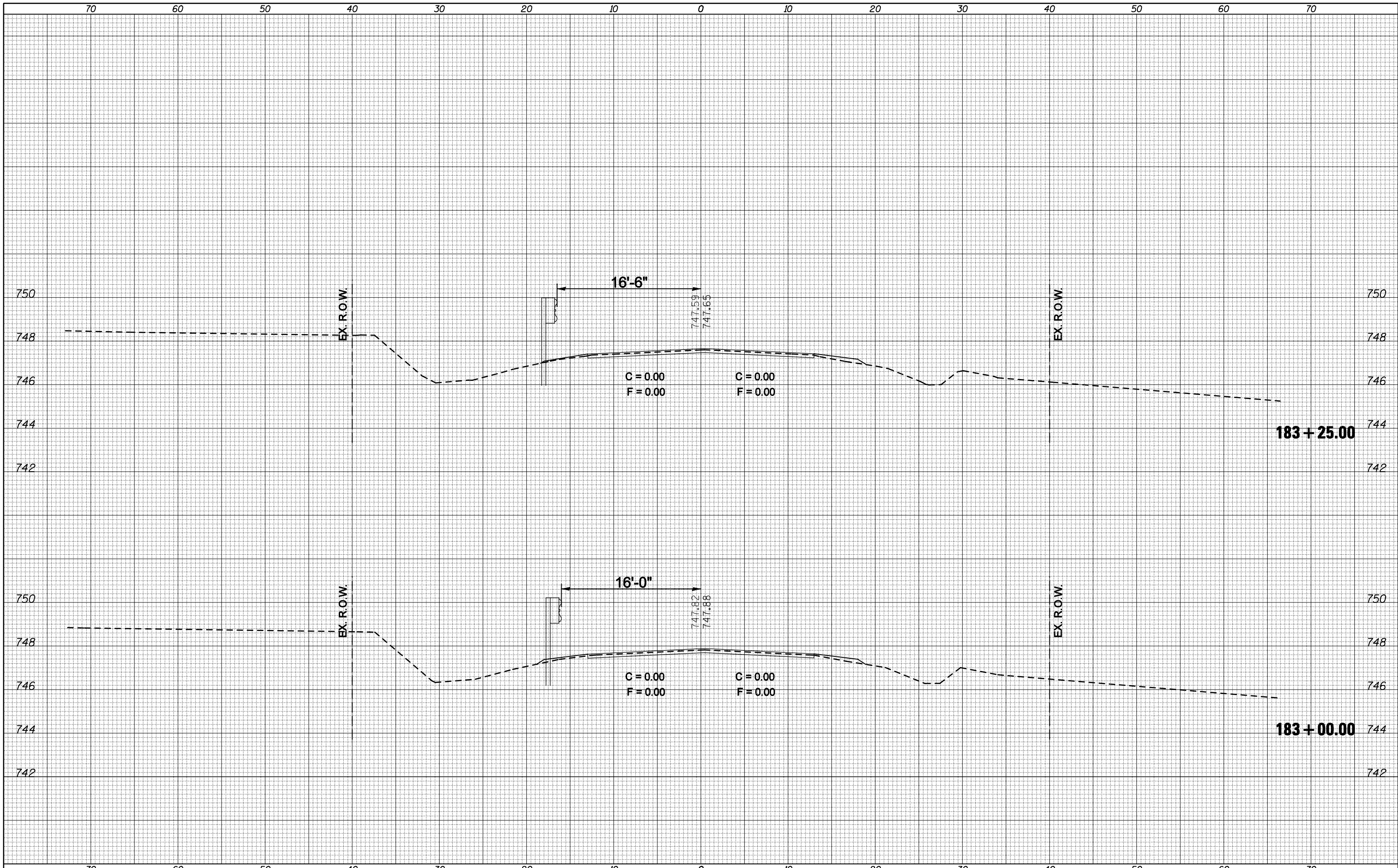
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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| SCALE:      |                  | SHEET NO. |              | OF        | SHEETS                    | STA. 182+50.00 | TO STA. 182+75.00 |
| F.A.P. RTE. | SECTION          | COUNTY    | TOTAL SHEETS | SHEET NO. | CONTRACT NO. 70660        |                |                   |
| 721         | (113RS-4, 124RS) | DeWitt    | 153          | 74        | ILLINOIS FED. AID PROJECT |                |                   |

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. OF SHEETS STA. 183+00.00 TO STA. 183+25.00

**CROSS SECTIONS**

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 75        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

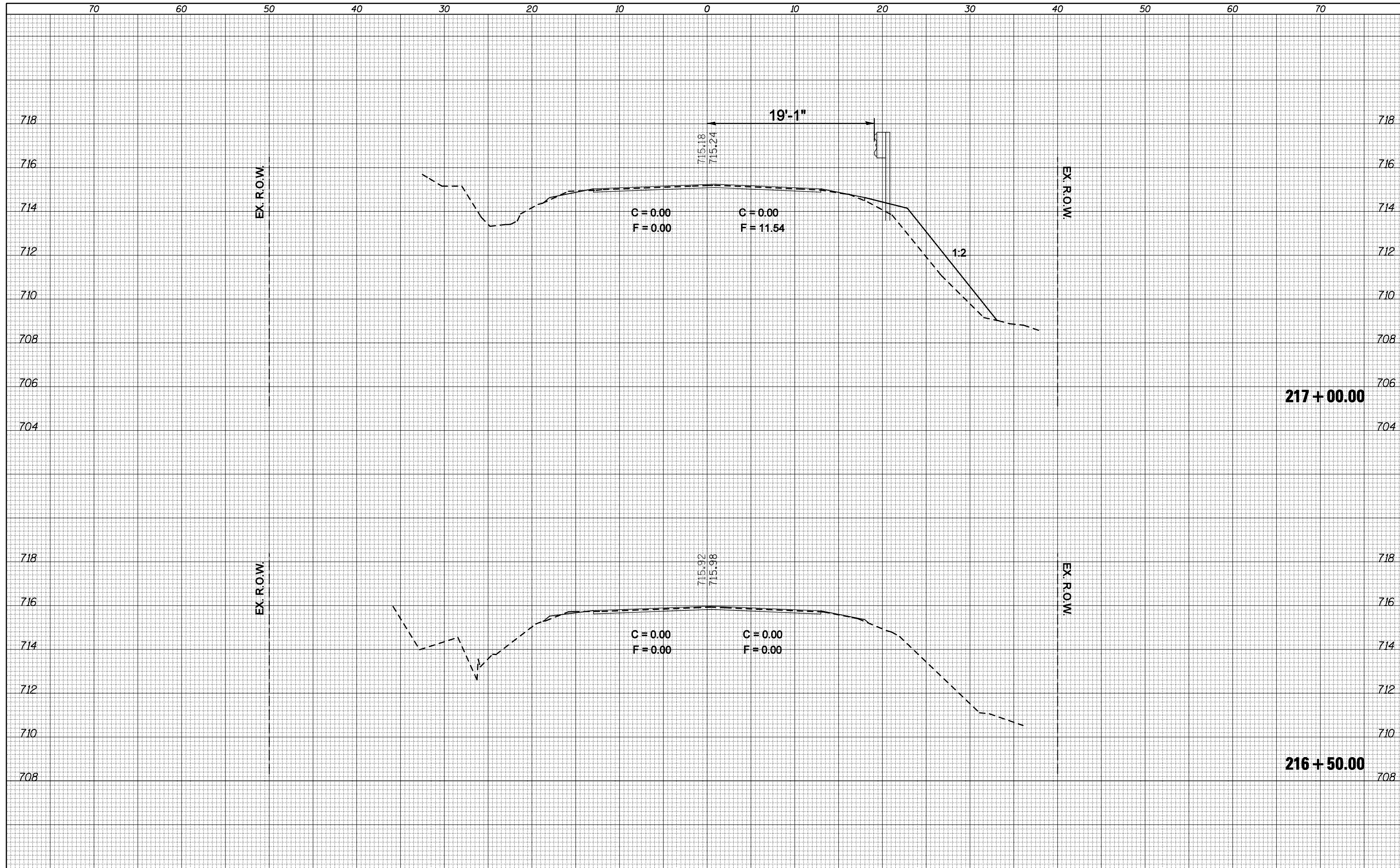






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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

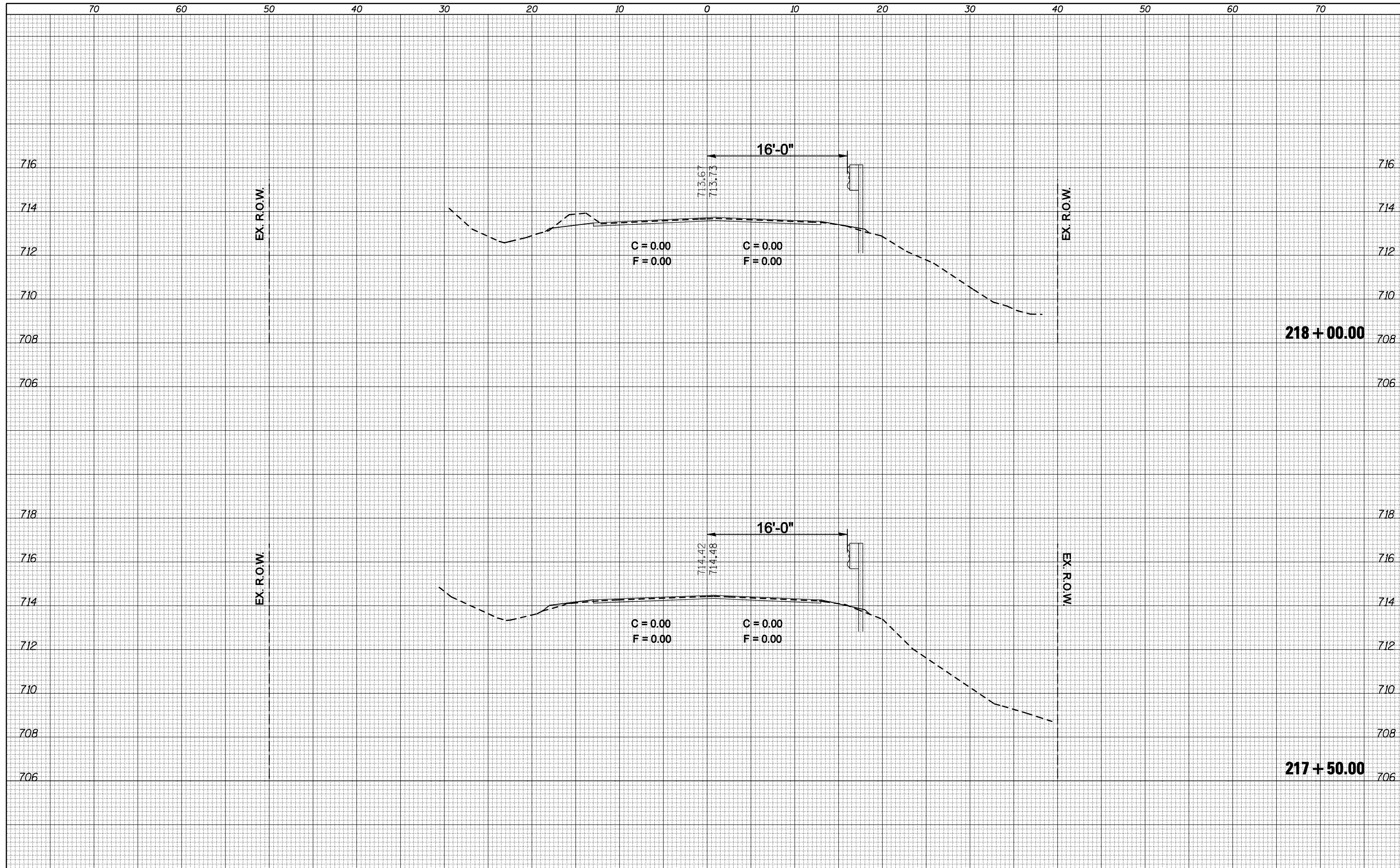
**CROSS SECTIONS**

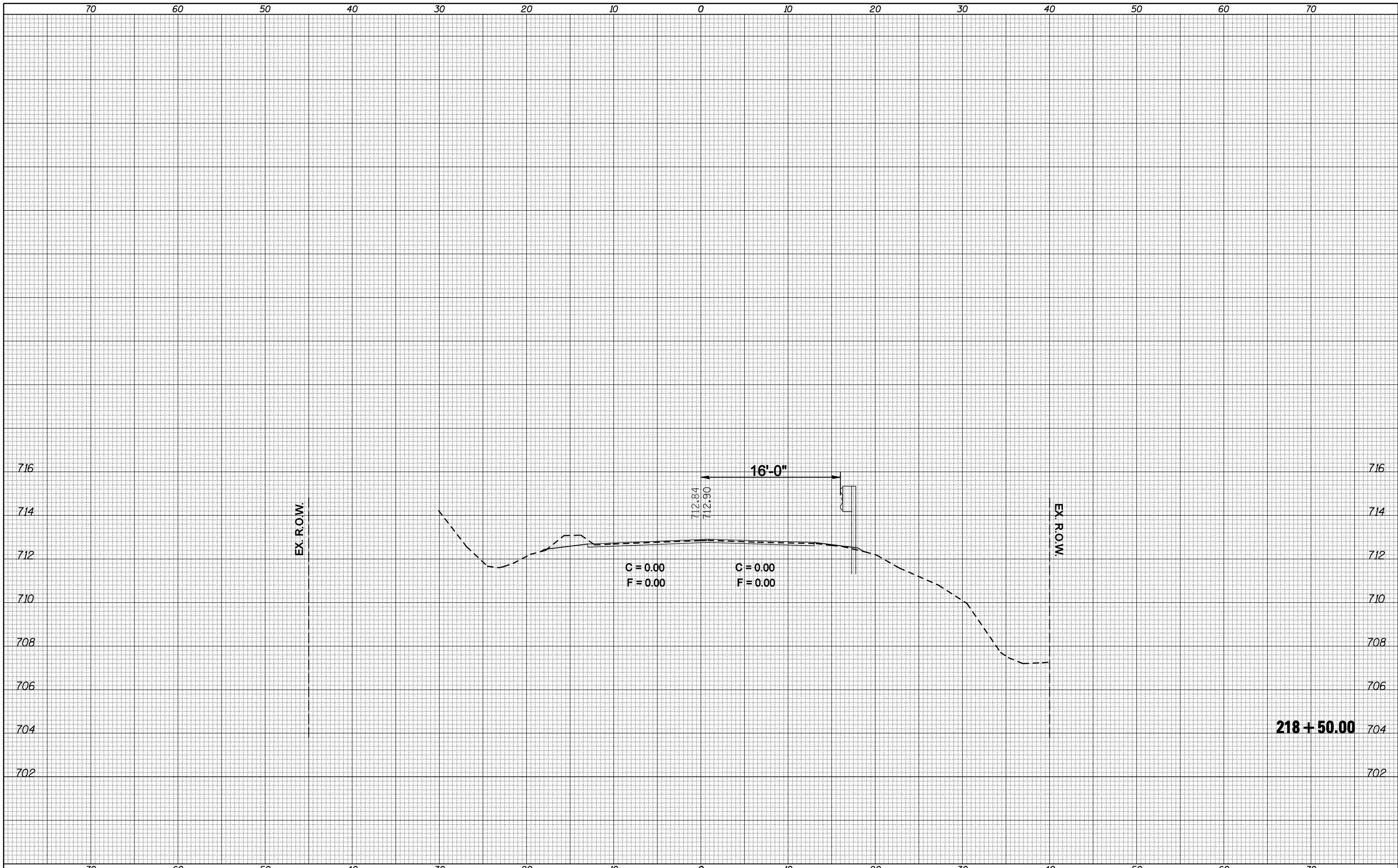
SCALE: SHEET NO. OF SHEETS STA. 216+50.00 TO STA. 217+00.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 77        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

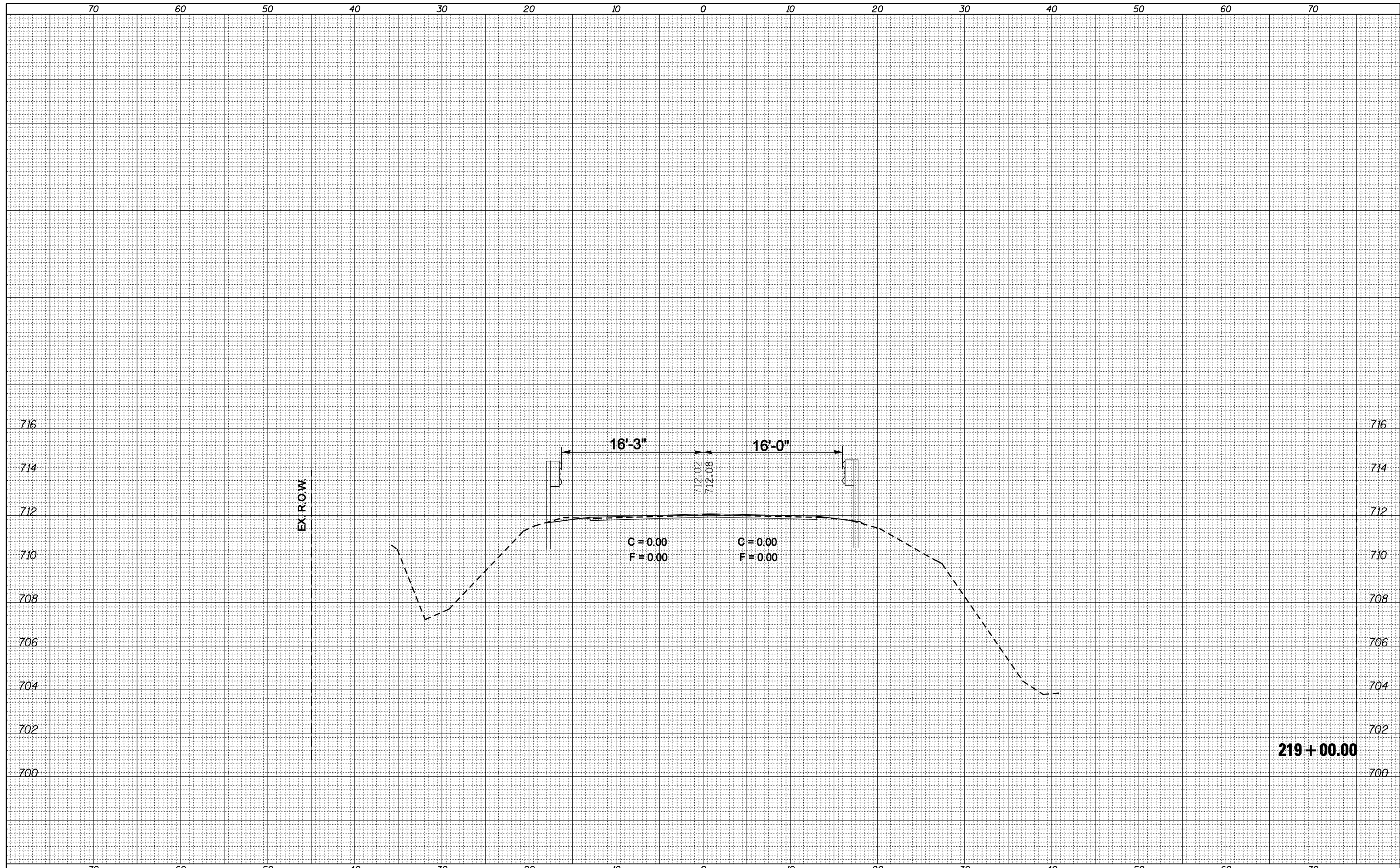
**CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 218+50.00 TO STA. 218+50.00

| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------------|--------|---------------------------|-----------|
| 721                | (113RS-4, 124RS) | DeWitt | 153                       | 79        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

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| PLOT SCALE = 10.0000' / IN.   |                     | CHECKED -  | REVISED - |   | CONTRACT NO. 70660    |                  |           |                |                   |                           |              |           |
| PLOT DATE = 2/3/2011  |                     | DATE -     | REVISED - |   | SCALE:                | SHEET NO.        | OF SHEETS | STA. 219+00.00 | TO STA. 219+00.00 | ILLINOIS FED. AID PROJECT |              |           |

















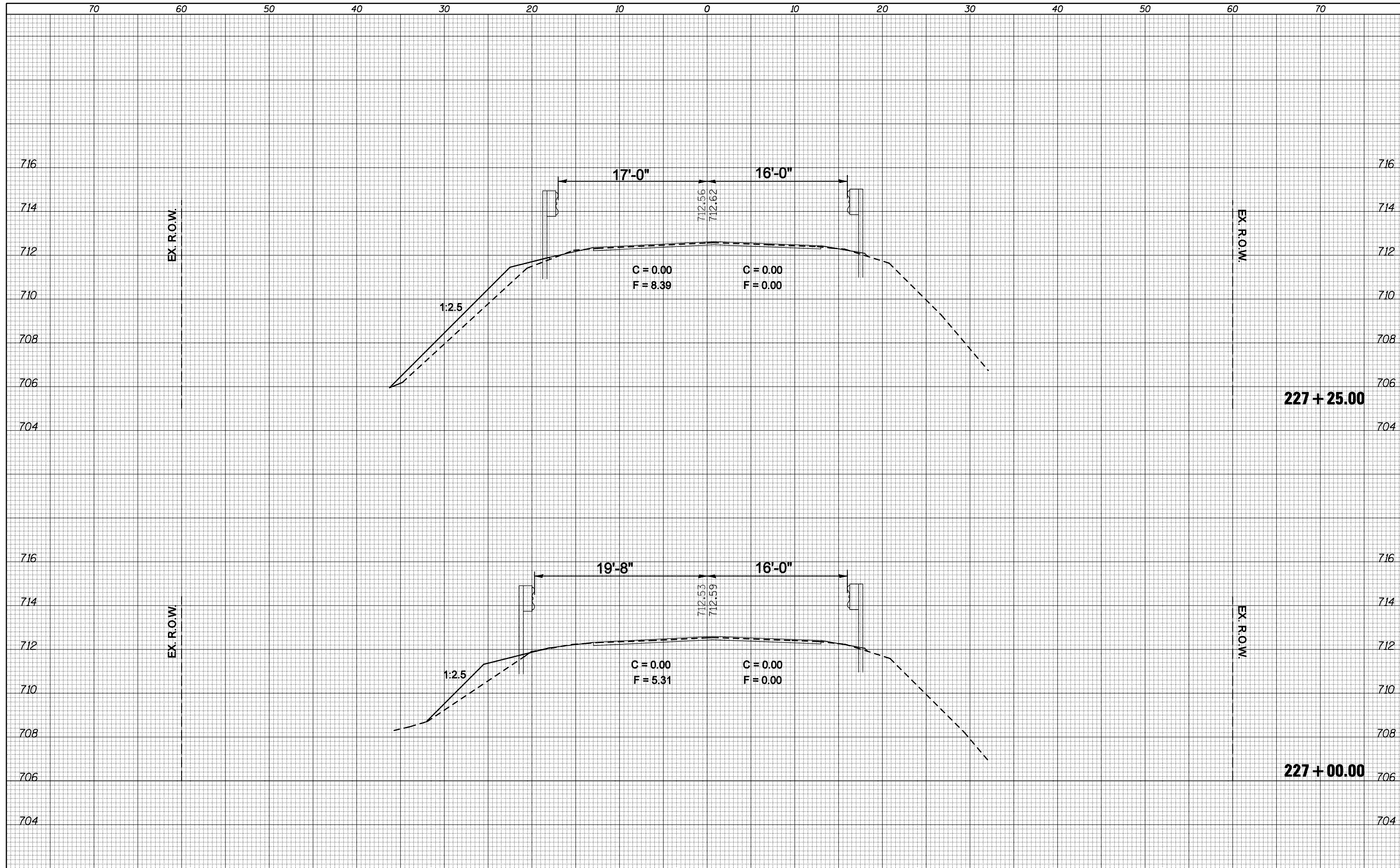






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| PLOT DATE = 2/3/2011  | DATE -                       | CHECKED -  | REVISIED - |   |  | CONTRACT NO. 70660 |                  | ILLINOIS FED. AID PROJECT |              |           |
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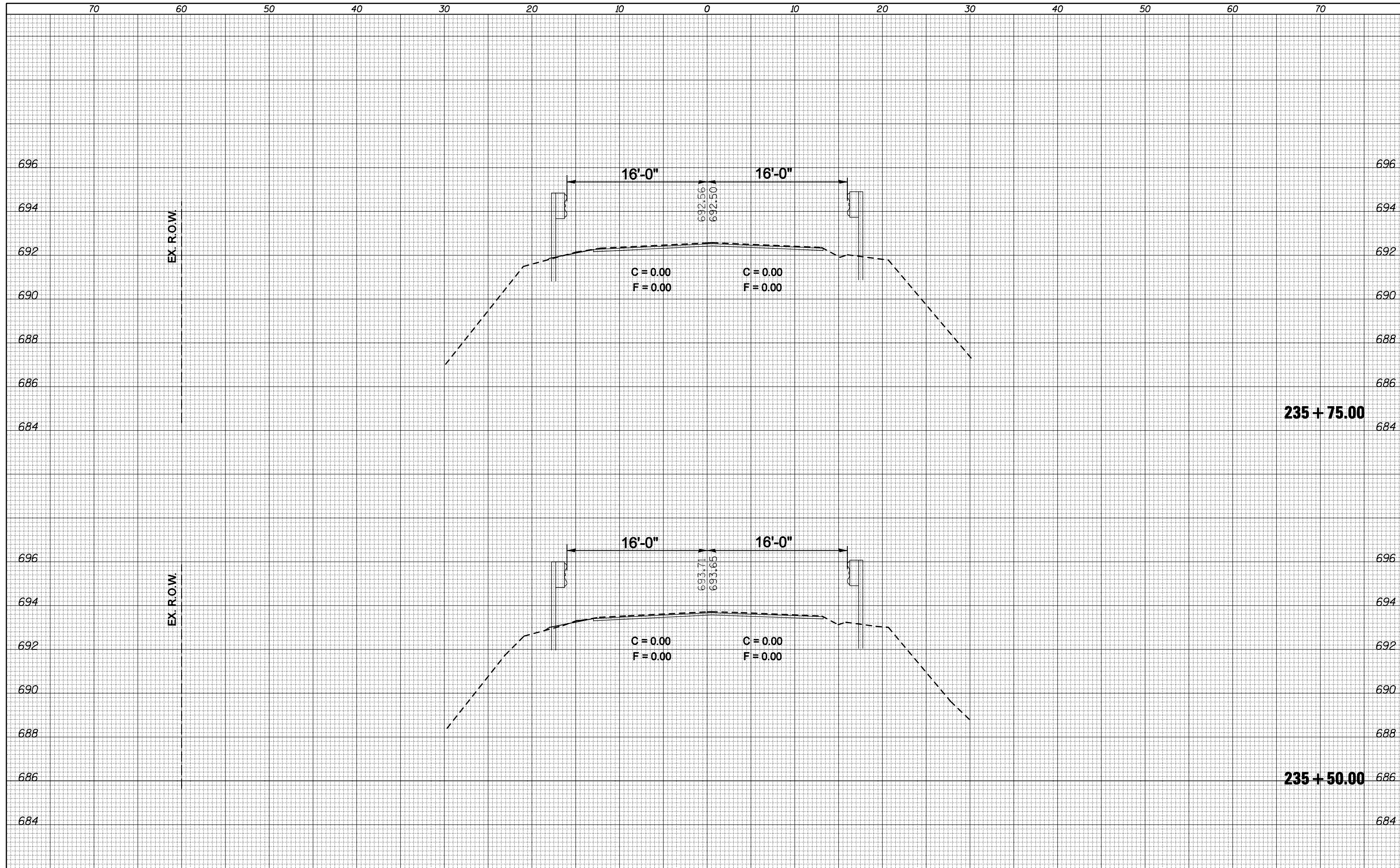






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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                       |           |           |                                  |
|-----------------------|-----------|-----------|----------------------------------|
| <b>CROSS SECTIONS</b> |           |           |                                  |
| SCALE:                | SHEET NO. | OF SHEETS | STA. 235+50.00 TO STA. 235+75.00 |

|                    |                  |        |                           |           |
|--------------------|------------------|--------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION          | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 721                | (113RS-4, 124RS) | DEWITT | 153                       | 99        |
| CONTRACT NO. 70660 |                  |        | ILLINOIS FED. AID PROJECT |           |

