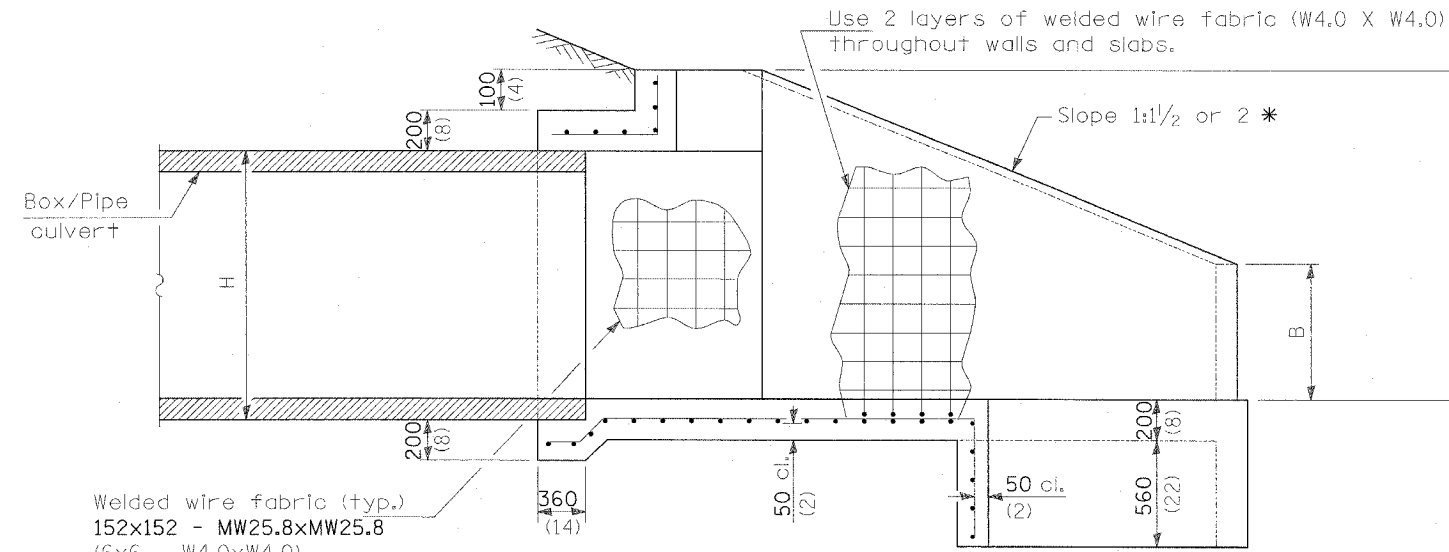
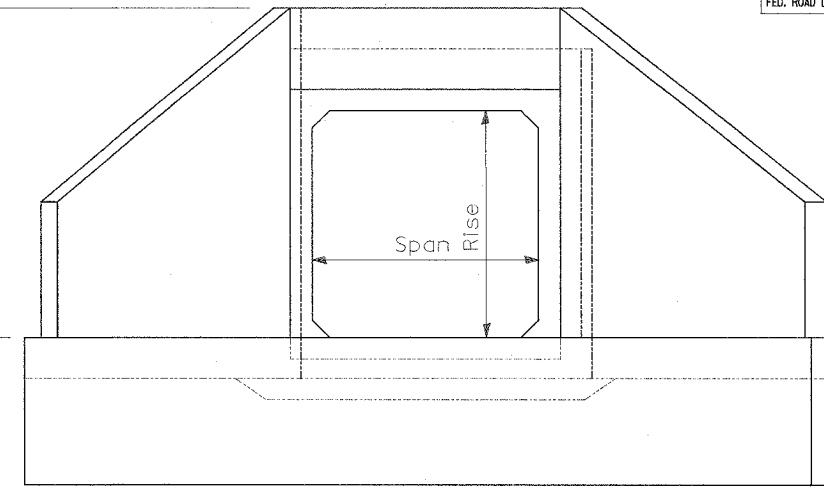


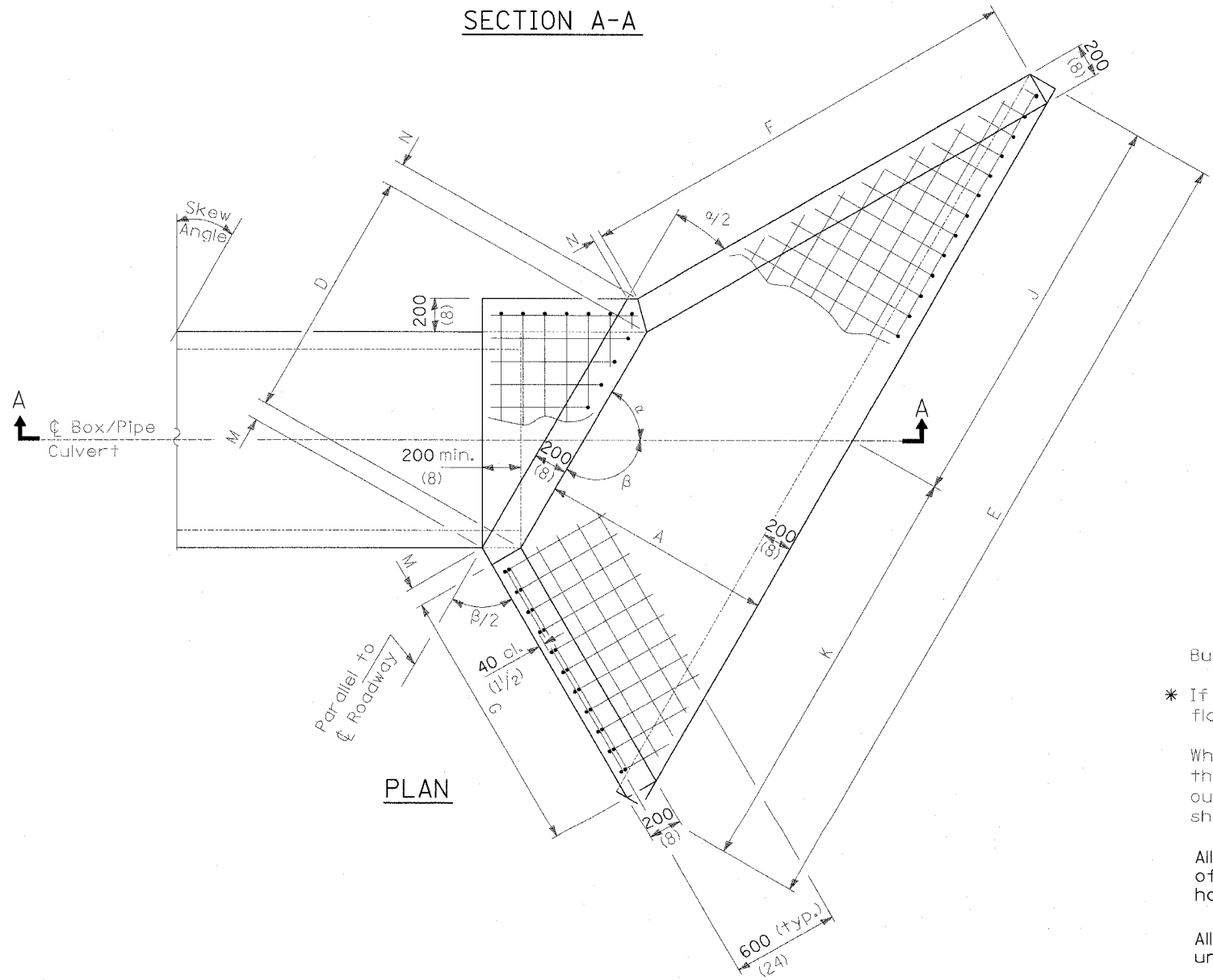
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|-----------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 602 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT | | |



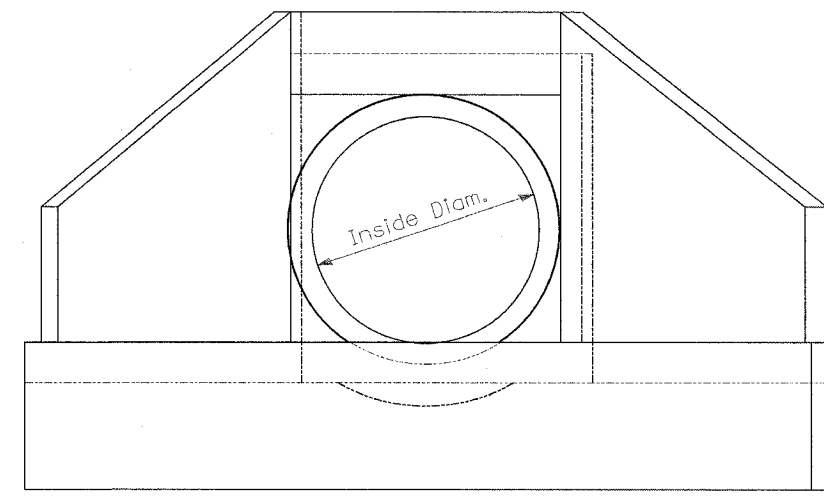
SECTION A-A



END VIEW - BOX CULVERT



PLAN



END VIEW - PIPE CULVERT

GENERAL NOTES

- Build tops of headwalls parallel to grade line.
- * If embankment slope above headwall is flatter than 1:2, provide wings for 1:2 slope.
- When lapping sheets of welded wire fabric, the overlap measured between the outermost cross wires of each fabric sheet shall not be less than 202 mm (8").
- All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- All dimensions are in millimeters (inches) unless otherwise shown.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL
REINFORCED CONCRETE END SECTIONS
FOR BOX/PIPE CULVERTS
SKEWED WITH ROADWAY
 SHEET 1 OF 2
 DRAWN BY
 DATE 3/30/06
 CHECKED BY

| | | | | |
|-----------------------|---------|-----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 603 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |

END SECTION DIMENSIONS

| LOCATION | | Skew angle | | | TYPE | Culvert | | | T | A | B | C | D | E | F | G | H | J | K | M | N | | | | |
|------------------|--------|------------|----|---|--------|----------|------|------|------|-------|-------|-------|-------|--------|--------|--------|--------|-------|--------|--------|-------|-------|----|-----|-----|
| Roadway | STA | D | M | S | | span | x | rise | | | | | | | | | | | | | | D | M | S | |
| Mainline | | | | | | | | | | | | | | | | | | | | | | | | | |
| IL Rte. 336 | 286+54 | 20 | 52 | 0 | LT FWD | BOX | 6.00 | x | 6.00 | 0.583 | 9.167 | 3.000 | 7.583 | 7.670 | 24.723 | 15.949 | 11.132 | 7.167 | 14.023 | 10.700 | 0.459 | 0.207 | 69 | 08' | 00" |
| IL Rte. 336 | 301+29 | 38 | 9 | 0 | LT FWD | BOX | 6.00 | x | 6.00 | 0.583 | 9.166 | 3.000 | 7.583 | 9.112 | 26.115 | 20.812 | 10.192 | 7.166 | 16.503 | 9.612 | 0.324 | 0.153 | 51 | 51' | 00" |
| IL Rte. 336 | 317+95 | 15 | 57 | 0 | LT FWD | 66" RCCP | 5.50 | di | 5.50 | 0.540 | 8.080 | 3.000 | 7.040 | 6.843 | 22.275 | 13.195 | 10.121 | 6.580 | 12.227 | 10.048 | 0.503 | 0.223 | 74 | 03' | 00" |
| IL Rte. 336 | 326+34 | 44 | 24 | 0 | LT FWD | 72" RCCP | 6.00 | di | 6.00 | 0.583 | 9.166 | 3.000 | 7.583 | 10.030 | 27.585 | 23.519 | 9.943 | 7.166 | 18.102 | 9.482 | 0.280 | 0.134 | 45 | 36' | 00" |
| IL Rte. 336 | 524+02 | 48 | 51 | 0 | LT FWD | BOX | 6.00 | x | 5.00 | 0.583 | 7.166 | 3.000 | 6.583 | 10.890 | 25.328 | 20.270 | 7.654 | 6.166 | 16.569 | 8.759 | 0.250 | 0.121 | 41 | 09' | 00" |
| Sideroads | | | | | | | | | | | | | | | | | | | | | | | | | |
| US 136 | 3+00 | 23 | 35 | 0 | LT FWD | BOX | 6.00 | x | 5.00 | 0.583 | 7.166 | 3.000 | 6.583 | 7.819 | 21.252 | 12.885 | 8.565 | 6.166 | 12.094 | 9.158 | 0.436 | 0.199 | 66 | 25' | 00" |

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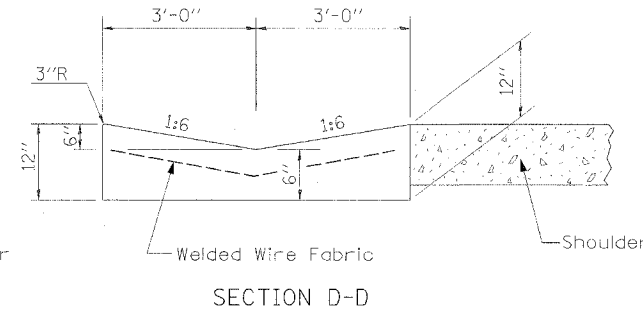
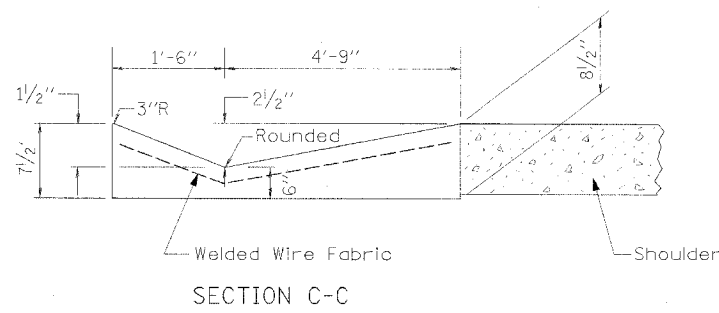
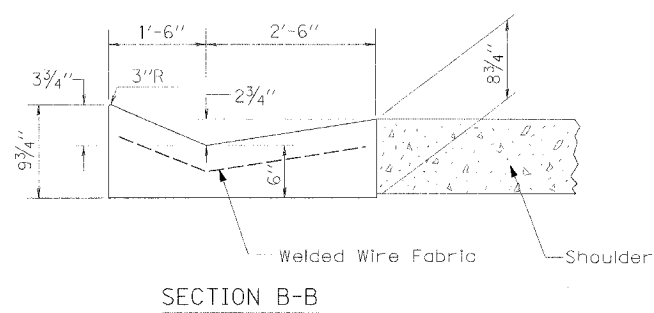
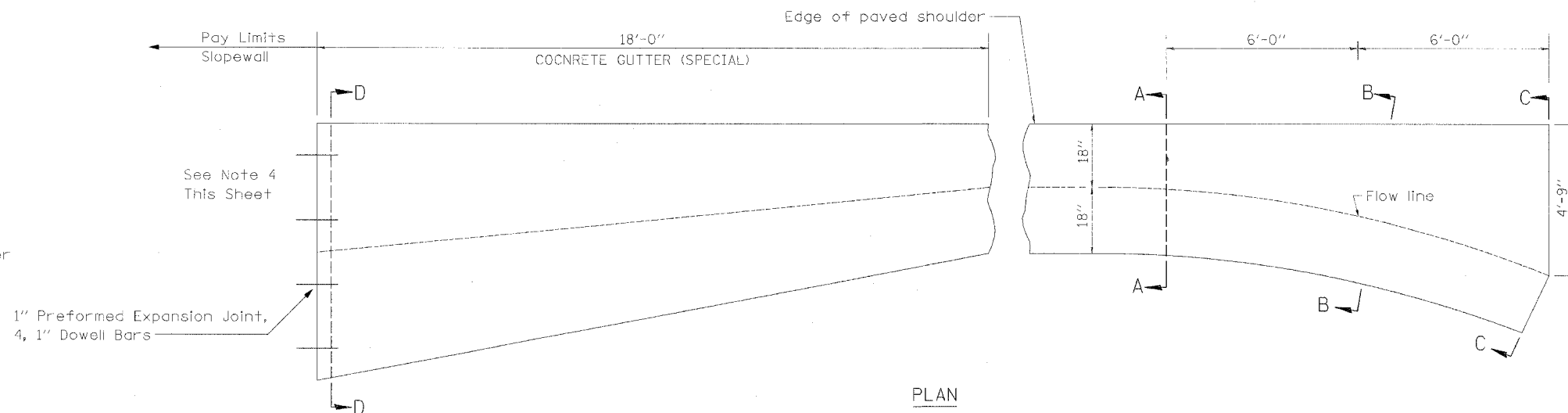
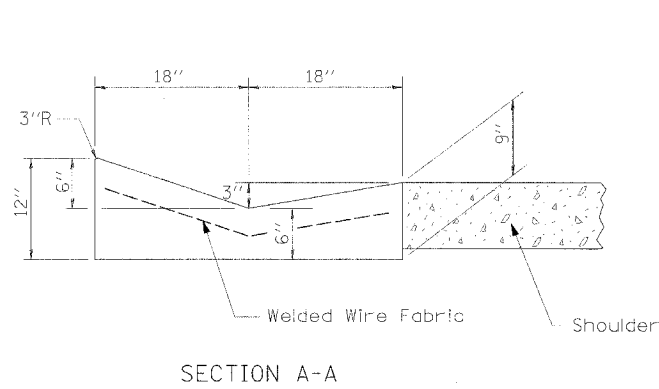
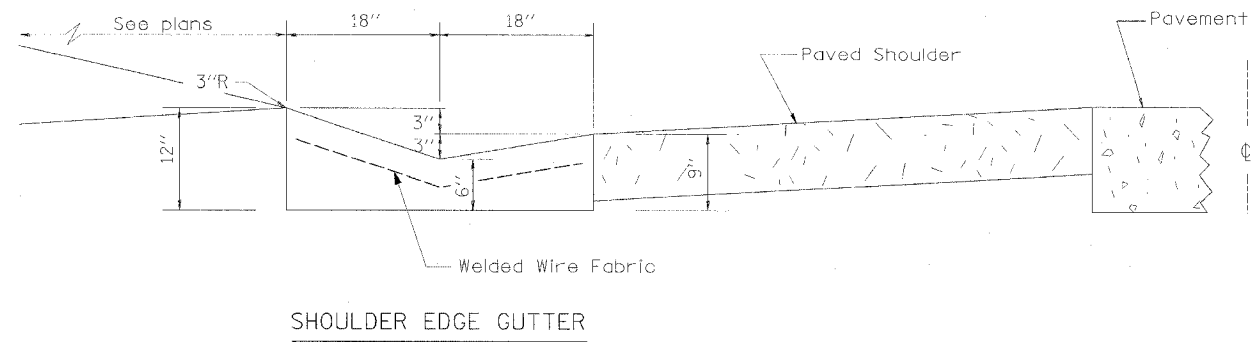
ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL
REINFORCED CONCRETE END SECTIONS
FOR BOX/PIPE CULVERTS
SKEWED WITH ROADWAY

SHEET 2 OF 2
DRAWN BY
CHECKED BY

DATE 3/30/06

D:\C:\WORK\PIPE END SEC.DWG 4/18/2006 3:32:35 PM

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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEET SHEETS, NO. |
| 315 | 55-2 | McDONOUGH | 1025 : 604 |
| STA. | | TO STA. | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | |



GENERAL NOTES:

1. CONCRETE GUTTER SPECIAL shall conform to the applicable portions of Section 606.
2. Joints shall be constructed in accordance with Article 606.06.
3. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 58 lbs/100 sq.ft.).
4. Dowell bars and expansion joint included in the cost of CONCRETE GUTTER, SPECIAL.

INLET

TRANSITION TO SLOPEWALL

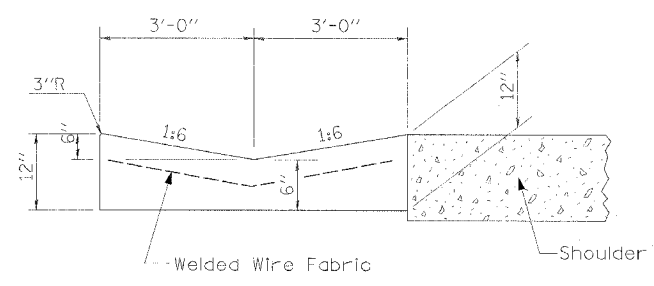
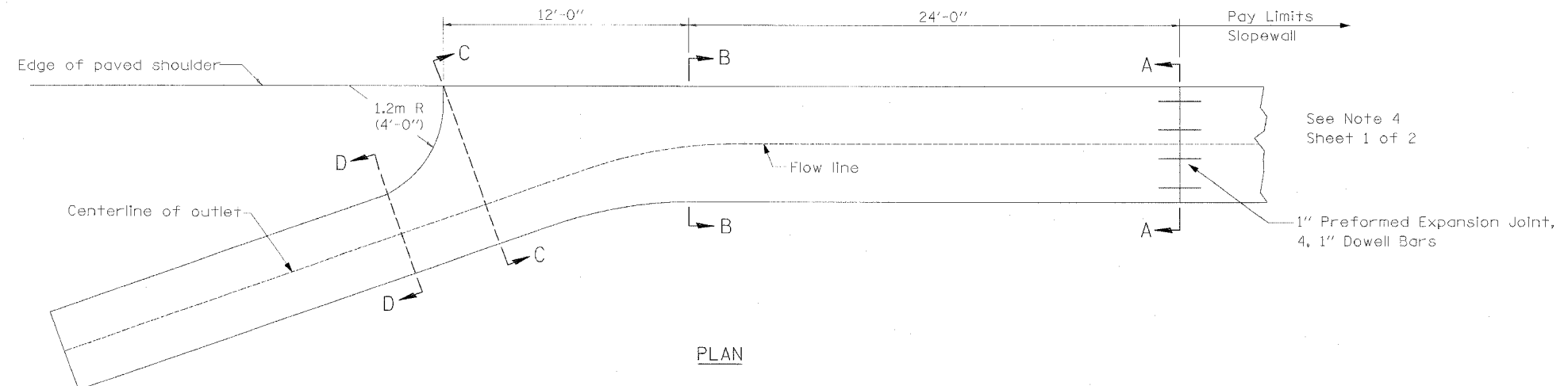
CONCRETE GUTTER SPECIAL

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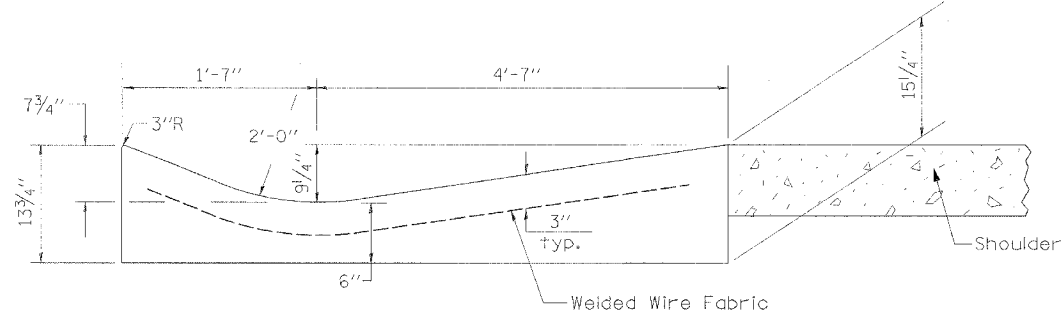
ILLINOIS DEPARTMENT OF TRANSPORTATION
CONCRETE GUTTER SPECIAL
IL. ROUTE 336
SHEET 1 OF 2

DATE 3/30/06
DRAWN BY
CHECKED BY

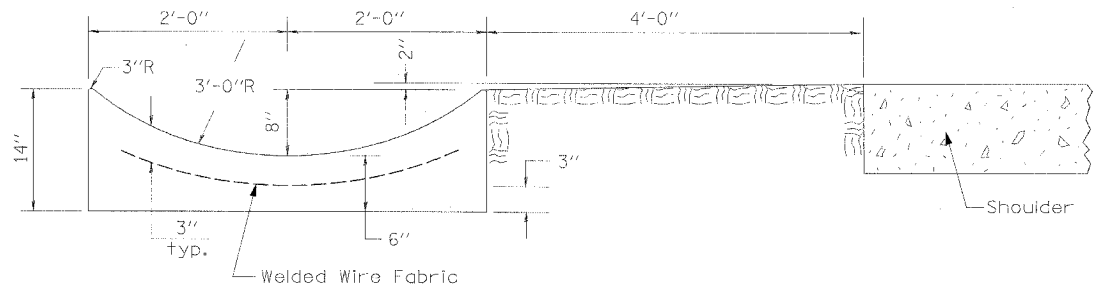
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEET SHEETS | NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 605 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT | | |



SECTION A-A AND B-B



SECTION C-C



SECTION D-D

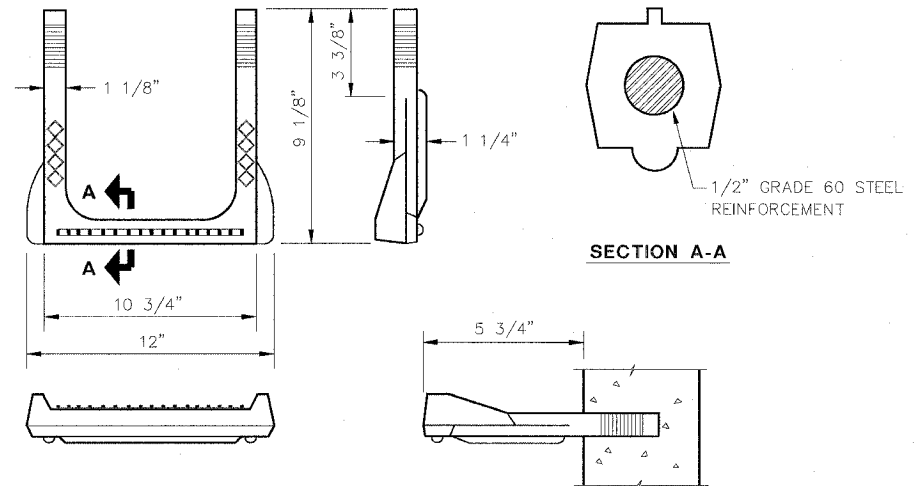
OUTLET

CONCRETE GUTTER SPECIAL

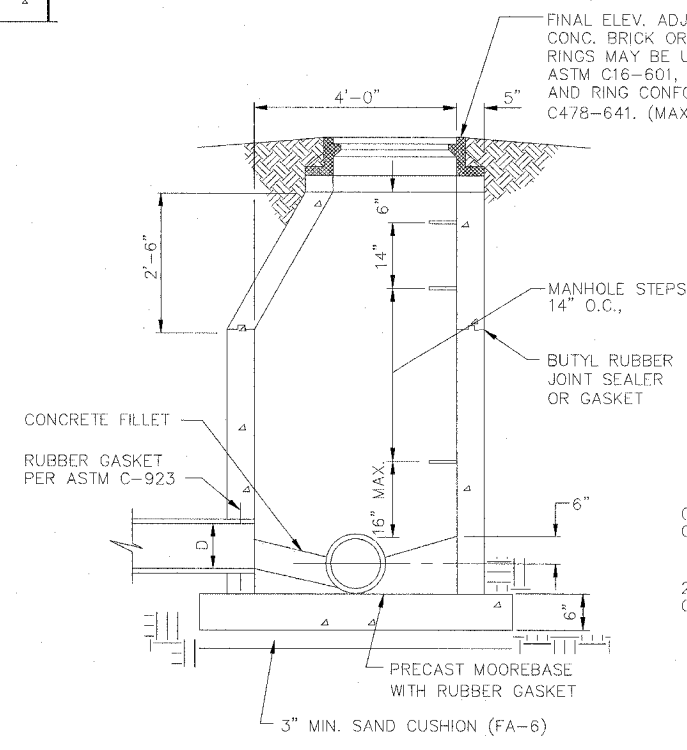
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ILLINOIS DEPARTMENT OF TRANSPORTATION
CONCRETE GUTTER SPECIAL
IL. ROUTE 336
SHEET 2 OF 2
 DATE 3/30/06
 DRAWN BY
 CHECKED BY

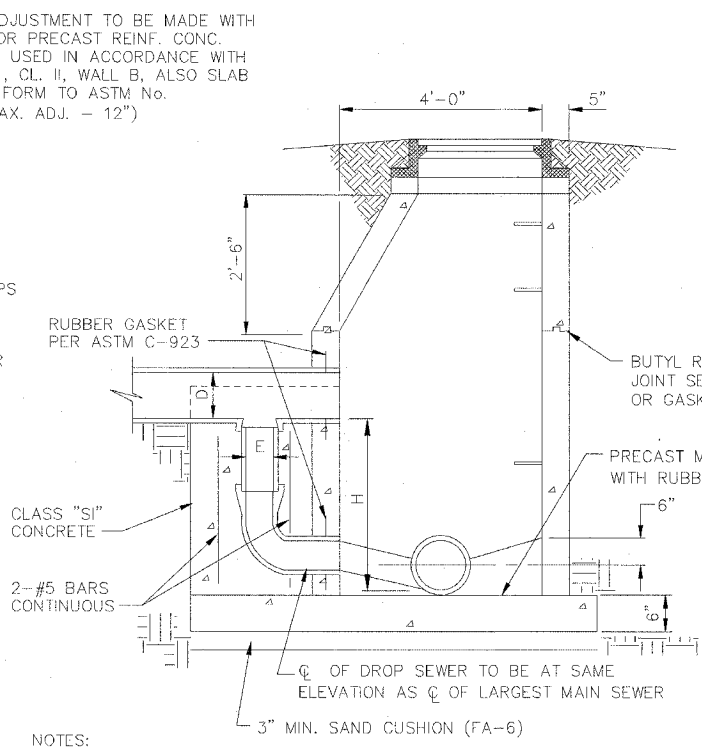
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



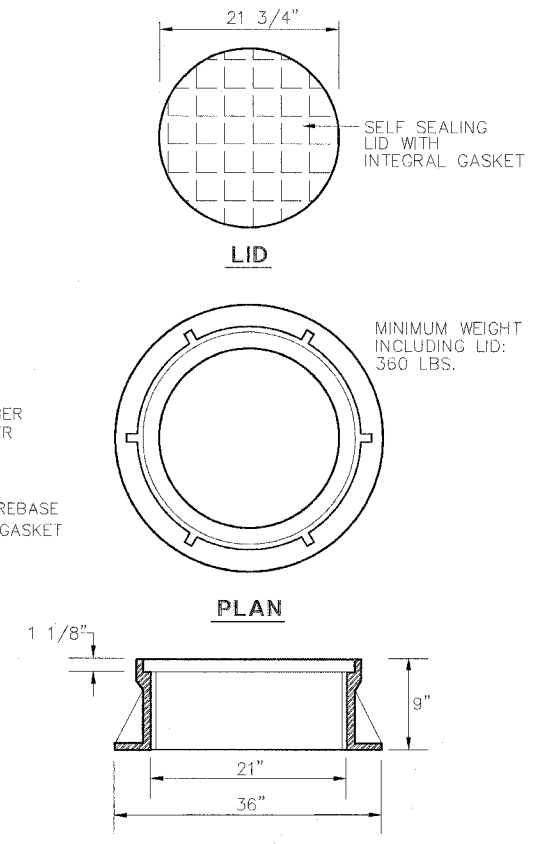
MANHOLE STEPS
COPOLYMER POLYPROPYLENE PLASTIC
 SCALE: N.T.S.



SANITARY MANHOLE DETAIL
 SCALE: N.T.S.
 PER ASTM C 478



DROP MANHOLE DETAIL
 SCALE: N.T.S.
 PER ASTM C 478



SELF-SEALING LID
 SCALE: N.T.S.

NOTE:
 PAYMENT FOR "SANITARY SEWER MANHOLES, TYPE A, TYPE 1 FRAME, CLOSED LID" SHALL INCLUDE ALL FRAMES, GRATES, STEPS, CONCRETE, REINFORCEMENT, EXCAVATION, BACKFILLING AND ALL COLLATERAL WORK TO PLACE THE MANHOLE IN SERVICE.

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL
SANITARY MANHOLE
IL. ROUTE 336
 DATE 3/30/06
 DRAWN BY
 CHECKED BY

ILL. SAN. HR. 405 4/19/2006 11:28:25 AM

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|---------|-----------|------------------|-----------|
| 315 | 55-2 | McDONOUGH | 1036 | 607 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |

LOCATIONS

IL 336

STA. 145+50 TO STA. 147+00 RT
 STA. 152+00 RT
 STA. 251+50 TO STA. 252+50 LT
 STA. 256+00 TO STA. 260+00 RT
 STA. 283+00 TO STA. 284+00 RT
 STA. 286+00 RT
 STA. 292+00 RT
 STA. 299+00 TO STA. 305+00 RT & LT
 STA. 480+00 TO STA. 482+00 LT
 STA. 491+00 TO STA. 493+00 RT & LT
 STA. 496+00 TO STA. 507+00 RT & LT
 STA. 520+00 TO STA. 523+00 RT & LT

RELOCATED US 136

STA. 2+00 TO STA. 3+00 RT & LT

US 136 DETOUR

STA. 204+00 TO STA. 205+00 RT
 STA. 218+00 RT

SERVICE DRIVE

STA. 24+50 RT

TR 118

STA. 16+00 TO STA. 22+50 RT & LT

TR 118 DETOUR
 STA. 101+00 LT

TR 900N
 STA. 20+00 RT
 STA. 23+50 LT

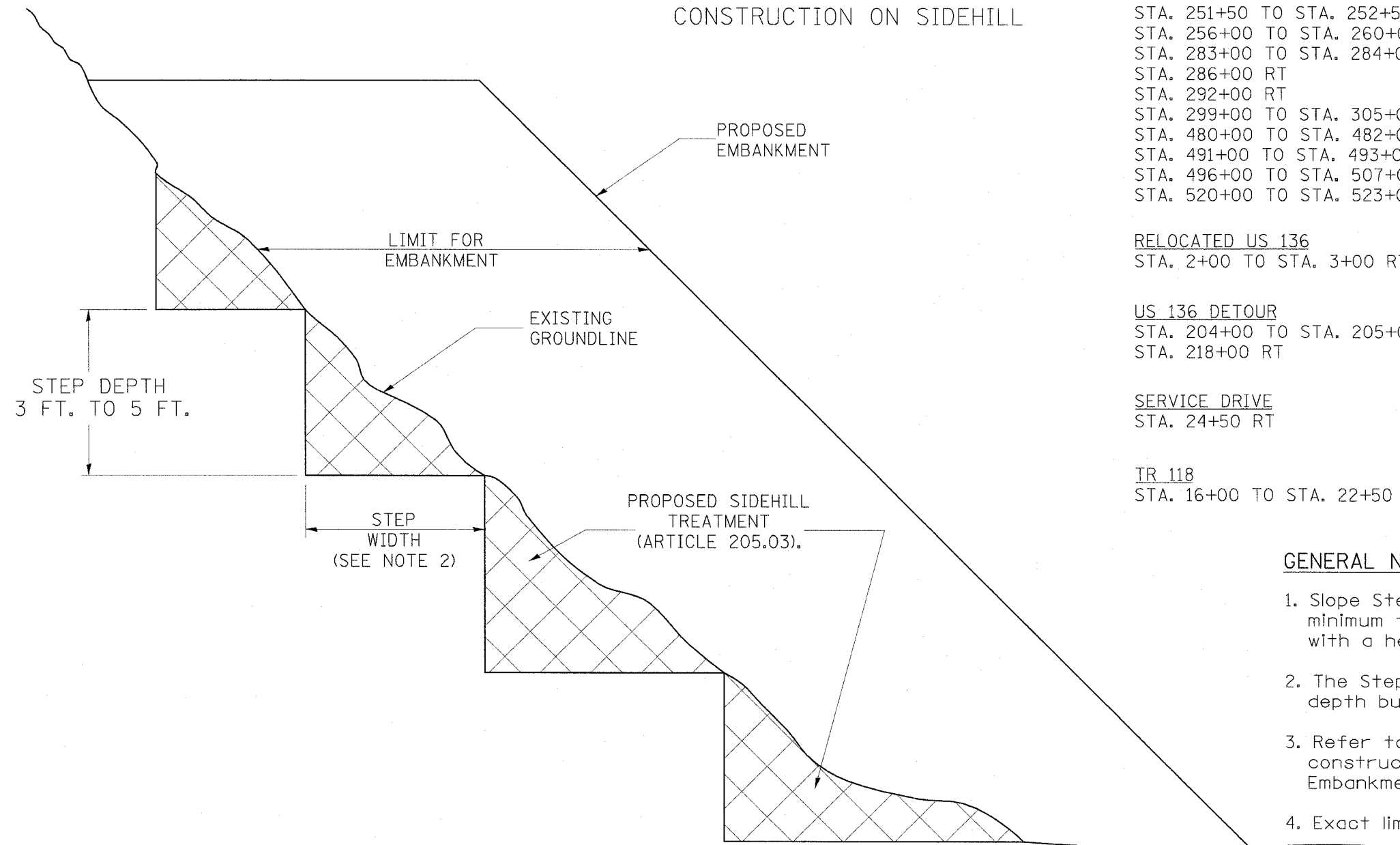
TR 150 / CH 8 REL.
 STA. 35+50 TO STA. 38+00 LT
 STA. 36+50 TO STA. 38+00 RT

CH 8 EAST
 STA. 38+50 RT & LT

TR 200 RELOCATED
 STA. 47+00 LT
 STA. 69+00 RT & LT
 STA. 47+00 TO STA. 48+00 RT

TR 226
 STA. 102+00 TO STA. 2+50 RT & LT
 STA. 105+00 TO STA. 107+00 RT

SLOPE STEPS DETAIL TYPICAL CROSS-SECTION EMBANKMENT CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 300(12) minimum thickness "silver fills" and on a fills with a height of 3.0m(10').
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.
4. Exact limits to be determined in the field.

DESIGNER NOTE:
 1. EACH PROJECT SHOULD BE REVIEWED INDEPENDENTLY FOR TREATMENT REQUIRED.
 2. REFER TO THIS DETAIL WITH NOTE ON APPLICABLE TYPICAL SECTIONS.

\$\$DATE\$\$

REPLACEMENT MATERIAL:



STANDARD EMBANKMENT
 (IN ACCORDANCE WITH
 205 OF THE STANDARD SPECIFICATION).

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT CADD STANDARD

| DATE | REVISIONS | BY |
|--------|--|------|
| 1-1-97 | RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE BOX, REVISED GENERAL NOTES. | T.P. |
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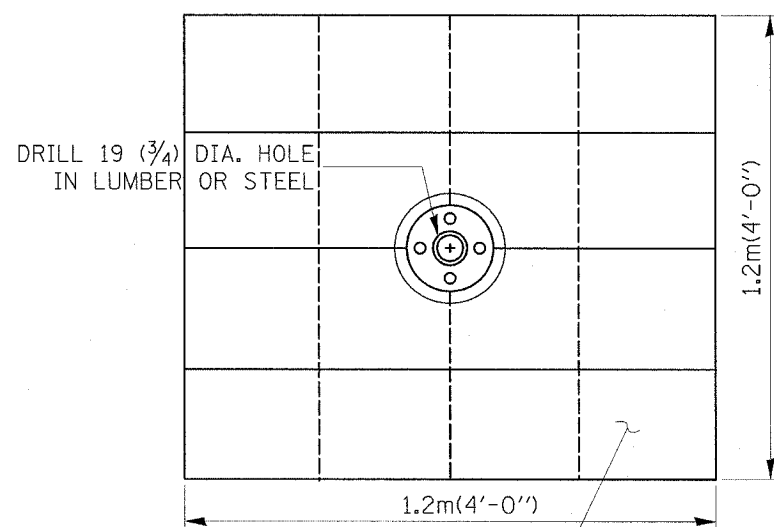
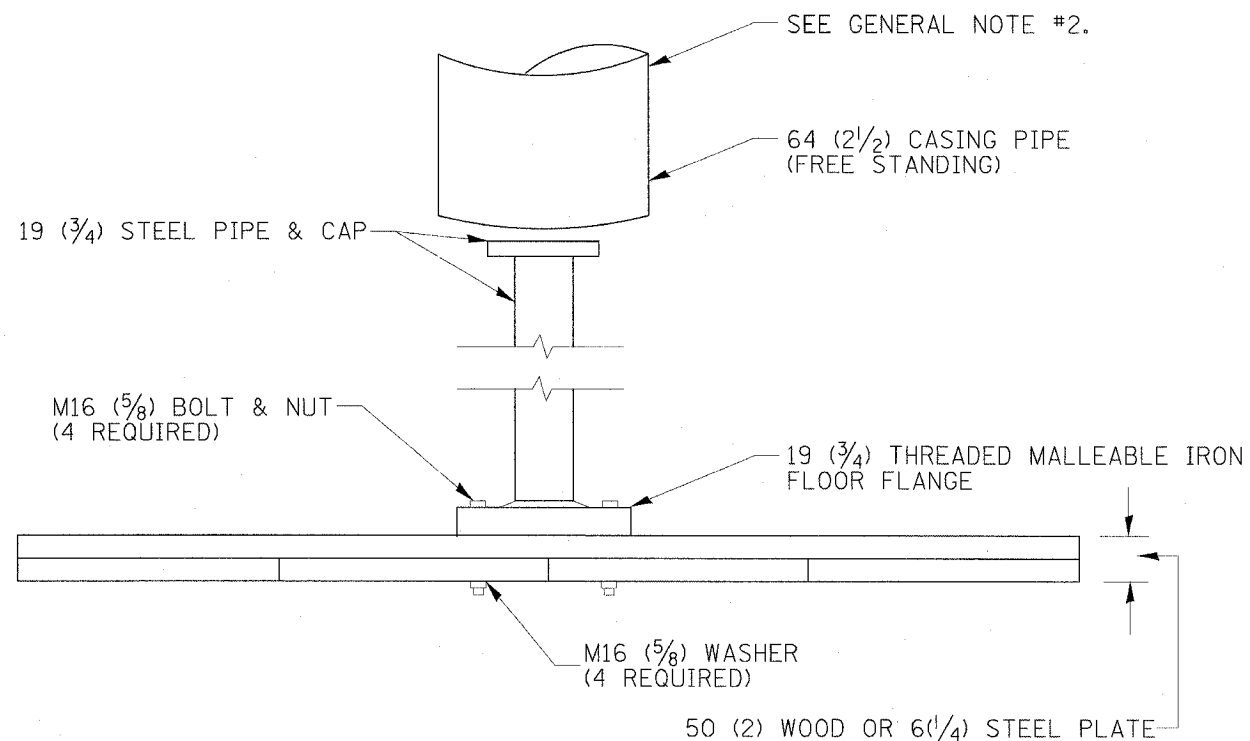
**SLOPE STEPS
 DETAIL**

CADD STD. NO. 205001-D4
 SCALE: NOT DRAWN TO SCALE
 DATE \$\$DATE\$\$

DRAWN BY CADD
 CHECKED BY

205001-D4

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|-----------------------|---------|-----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 608 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



SOUND LUMBER - 25(1) x 300(12) NAILED TOGETHER OR 6(1/4) THICK BY 1.2m(4') SQUARE STEEL PLATE

GENERAL NOTES:

1. Settlement Platform shall be in accordance with the applicable portions of Article 204.06 of the Standard Specifications.
2. Do Not install casing pipe until after one section of 19 mm(3/4") has been covered with earth. The casing pipe should not rest on platform.

All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

| DATE | REVISIONS | BY |
|---------|--|------|
| 1-1-97 | RENJIM. L-5.04, NEW REVISION BOX, REVISED NOTES, REVISED TITLE BOX | T.P. |
| 4-14-99 | ADDED "CASING PIPE" REQUIREMENT | J.A. |
| 5-19-99 | CORRECTIONS TO CASING PIPE | J.A. |
| 8-23-01 | UPDATE FOR NEW SPEC | M.A. |
| | | |
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SETTLEMENT PLATFORM

CADD STD. 205101-D4

SCALE: NOT DRAWN TO SCALE

DATE **DATE**

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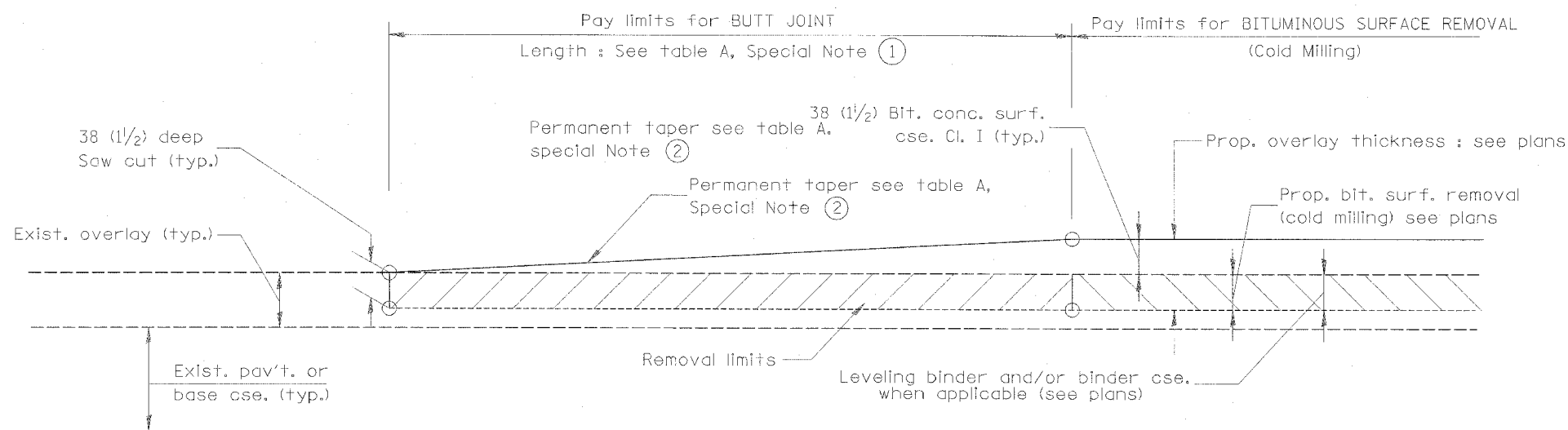
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205101-D4

DESIGNER NOTES:
1. SEE SOILS REPORT AND BUREAU OF MATERIALS FOR USAGE, LOCATIONS, AND SETTLEMENT RATES.
2. CONSIDER USE ON BRIDGE EMBANKMENT AND OTHER SETTLEMENT SENSITIVE FILLS.
3. THIS DRAWING ALLOWS FOR WOODBASE PLATE OPTION.

\$\$\$DATE\$\$\$

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|-----------------------|---------|-----------|------------------|-----------|
| F.A.P. R/E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1036 | 609 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



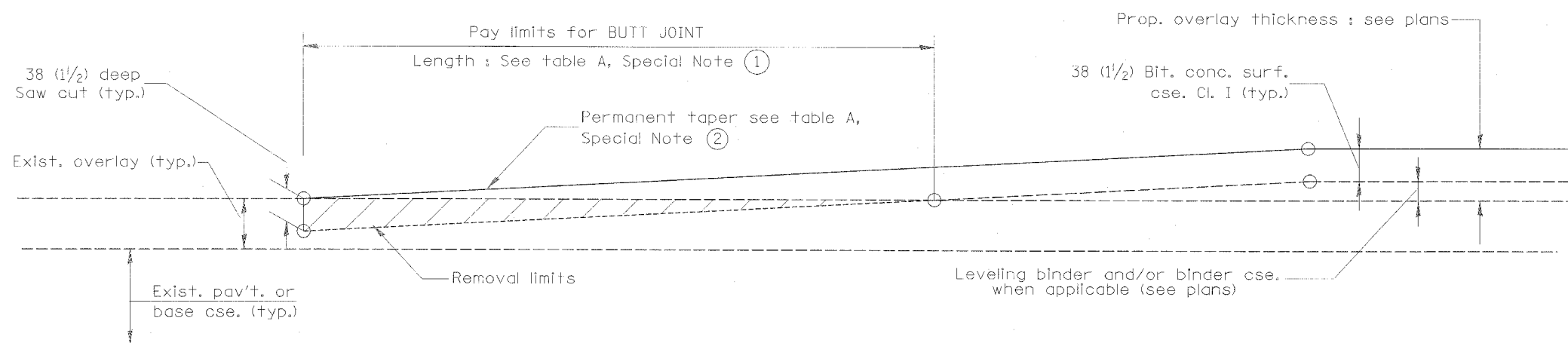
CASE 1 : WITH BITUMINOUS SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

| SPECIAL NOTE NUMBER | ELEMENT | MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS | ALL OTHERS |
|---------------------|---------------------------|---|------------|
| ① | LENGTH OF BUTT JOINT | 18.0 m(60') | 9.0 m(30') |
| ② | PERMANENT TAPER RATE | 1:480 | 1:240 |
| ③ | TEMPORARY RAMP TAPER RATE | 1:80 | 1:40 |
| ④ | TEMPORARY RAMP LENGTH | 3.0 m(10') | 1.5 m(5') |

GENERAL NOTES

- The work shall be done in accordance with Article 406.18 and the Special Provision for Butt joints.
- The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.03 and the Special Provisions for Butt joints.
- The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.06.



CASE 2 : NO BITUMINOUS SURFACE REMOVAL (COLD MILLING)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 1 OF 2

SCALE: NOT DRAWN TO SCALE DRAWN BY CADD

DATE **DATE** CHECKED BY

| DATE | REVISIONS | BY |
|--------|----------------------------------|------|
| 1-1-97 | RENUM. C-23.01, NEW REVISION BOX | T.P. |
| 4-1-97 | CORRECTION TO DEPTH | J.A. |
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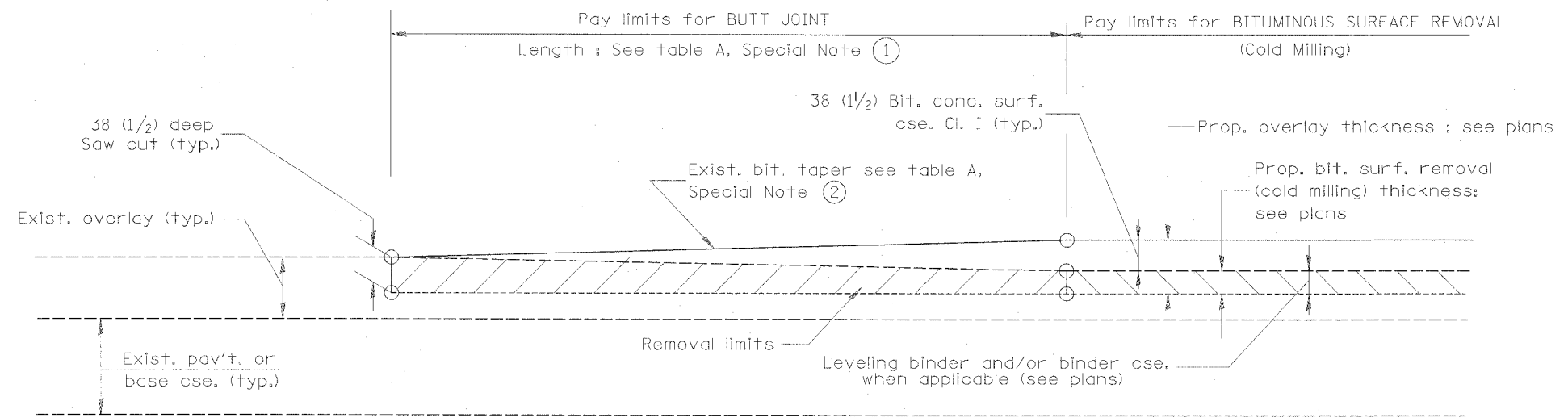
406101-D4 (1)

DESIGNER NOTES:
1. Include District Special Provision for Butt joints & for Bituminous Surface Removal (Cold Milling).
2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt joint applies whether or not the project features Bituminous Surface Removal (Cold Milling).

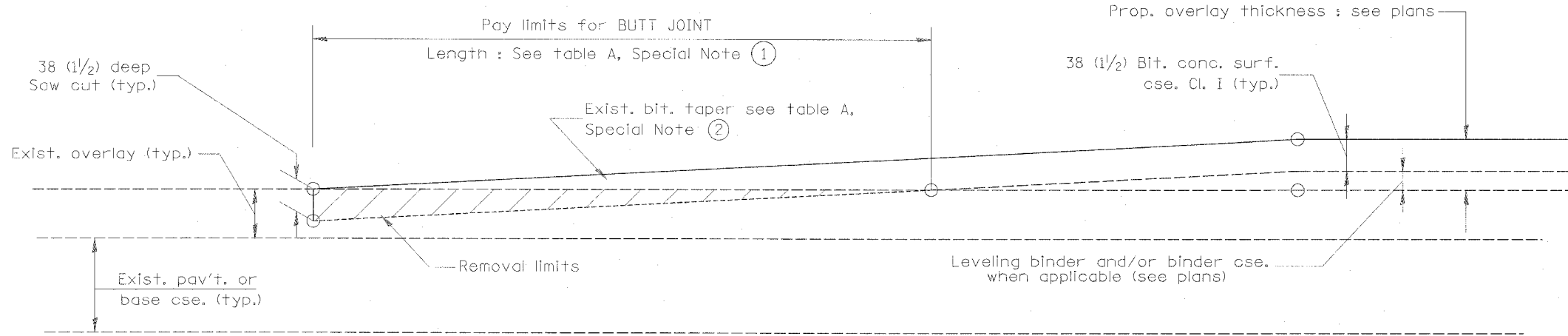
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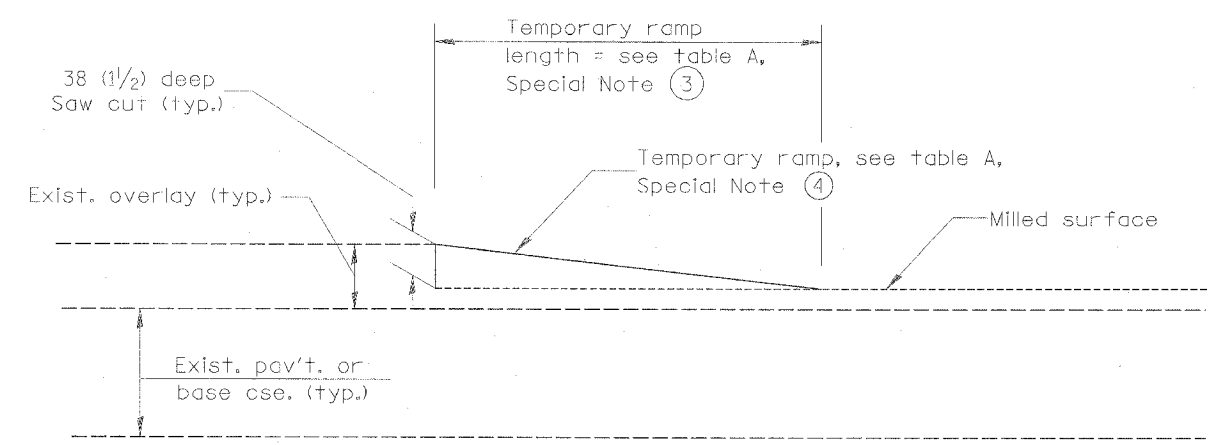
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | MCDONOUGH | 1036 | 610 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



CASE 3 : WITH BITUMINOUS SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



CASE 4 : NO BITUMINOUS SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



DETAIL TEMPORARY RAMP

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

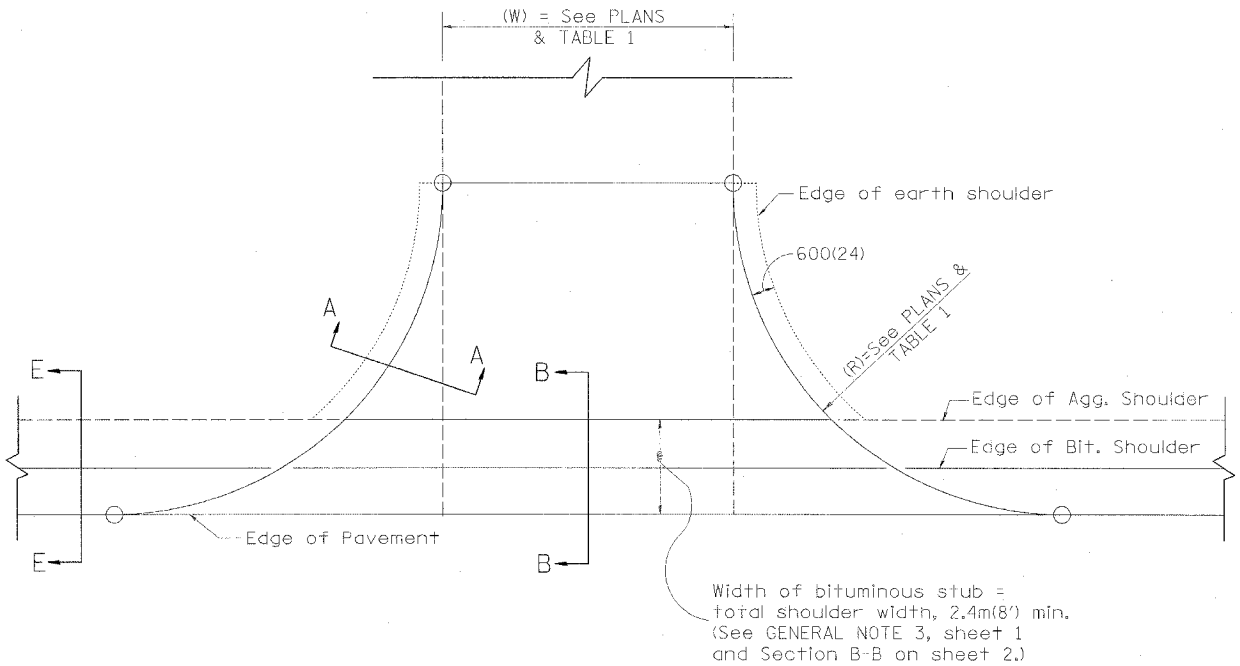
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| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| BUTT JOINTS | |
| CADD STD NO. 406101-D4 | SHEET 2 OF 2 |
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| DATE **DATE** | CHECKED BY |

406101-D4 (2)

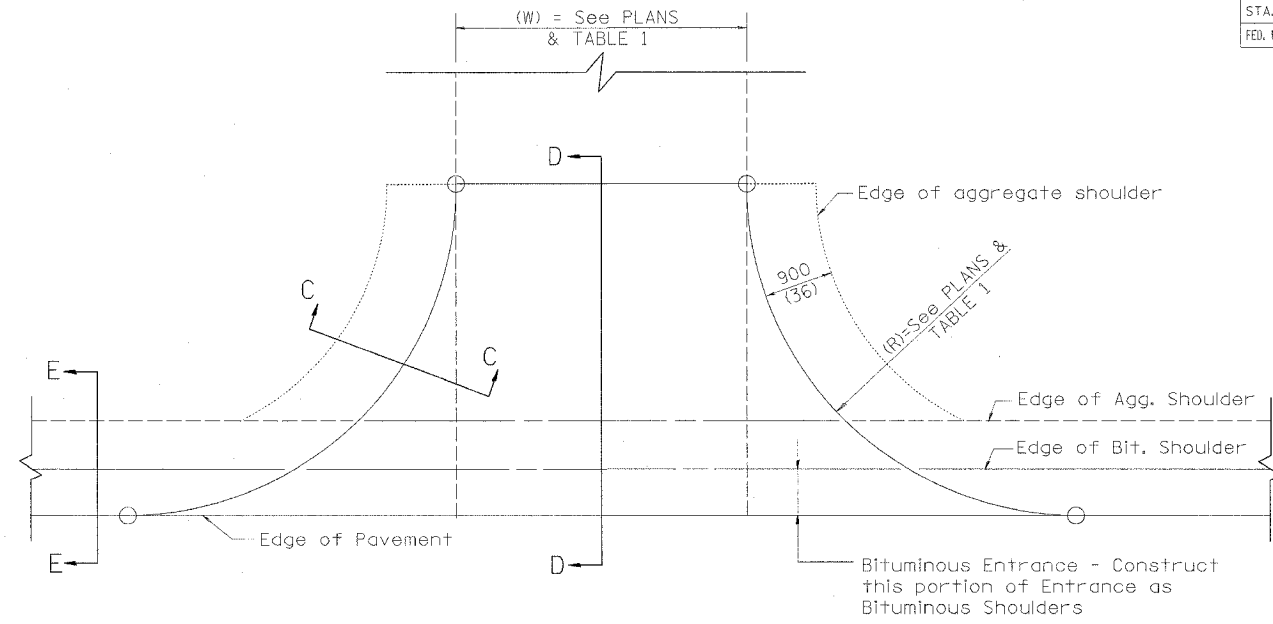
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 611 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT | | |

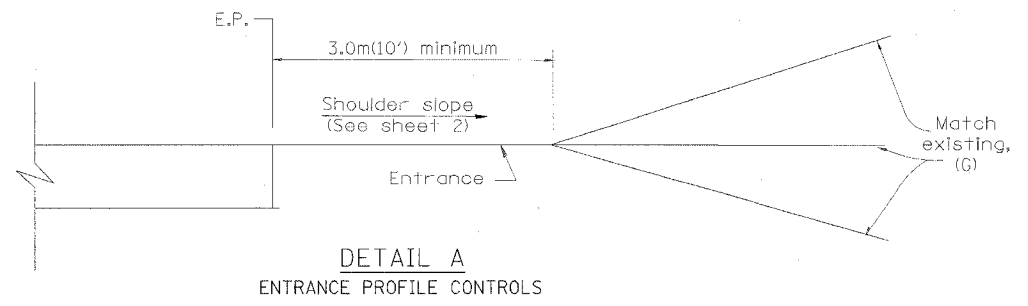


PLAN
AGGREGATE ENTRANCE

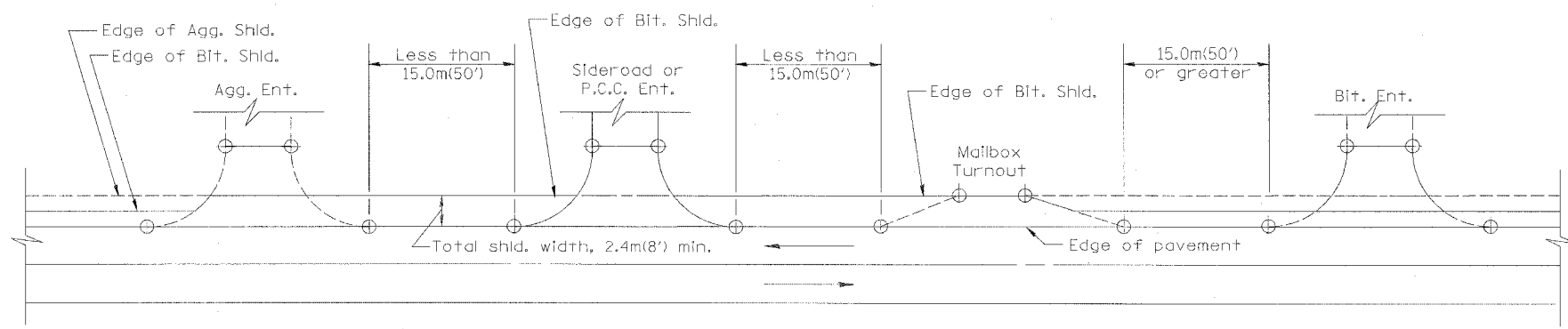


PLAN
PCC OR BITUMINOUS ENTRANCE

| TABLE 1 | | | | | | |
|-----------------------|----------------|-----------------|--|-----------------|-----------------|-----------------|
| RURAL ENTRANCE DESIGN | | | | | | |
| ELEMENT | NON-COMMERCIAL | | NON-COMMERCIAL W/ LARGE FARM EQUIPMENT | | COMMERCIAL | |
| | | | | | 1-WAY OPERATION | 2-WAY OPERATION |
| WIDTH (W) | 3.6m(12') MIN. | 7.2m(24') MAX. | 6.1m(20') MIN. | 9.0m(30') MAX. | 4.3m(14') MIN. | 7.2m(24') MAX. |
| RADIUS (R) | 3.0m(10') MIN. | 12.0m(40') MAX. | 3.0m(10') MIN. | 12.0m(40') MAX. | 6.1m(20') MIN. | 15.0m(50') MAX. |
| MAX. GRADE (G) | 12% | | 12% | | 10% | |



DETAIL A
ENTRANCE PROFILE CONTROLS



DETAIL B
SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS, ENTRANCES, AND/OR MAILBOX TURNOUTS (SEE GENERAL NOTE 2, SHEET 1)

GENERAL NOTES

- Entrances shall slope away from the pavement edge at a rate equal to the shoulder slope for a minimum distance of 3.0m(10'). See DETAIL 'A'.
- The total shoulder width, 2.4m(8') minimum, shall be paved between sideroads, entrances and/or mailbox turnouts, at locations where the distance between radius or taper control points is less than 15.0m(50'). See DETAIL 'B'.
- The width of bituminous stub for field entrances shall be equal to the bituminous shoulder width unless otherwise shown.

All slopes ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
All dimensions are in millimeters (inches) unless otherwise noted.

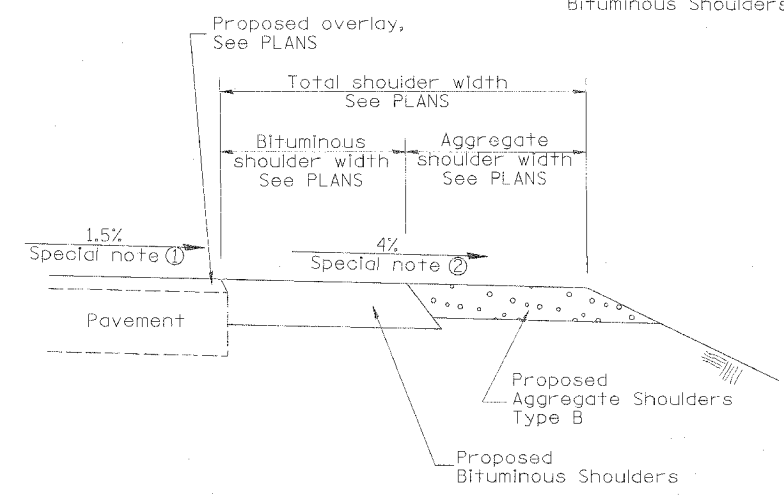
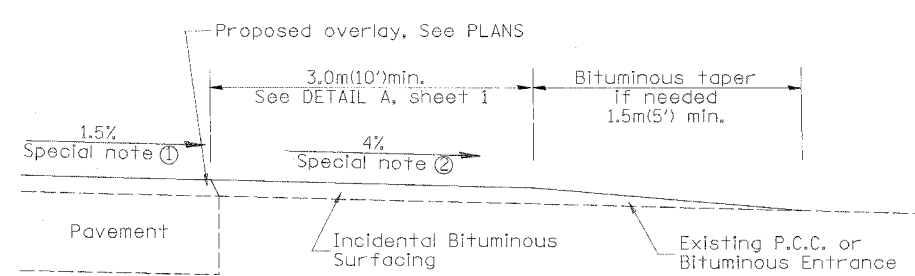
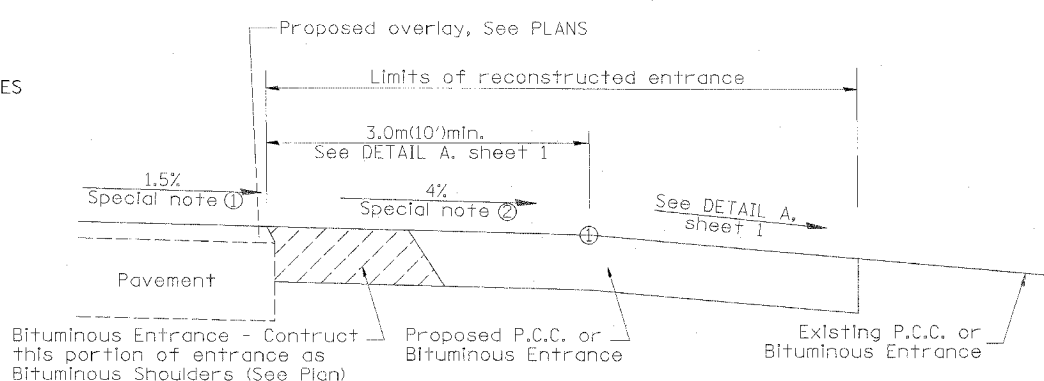
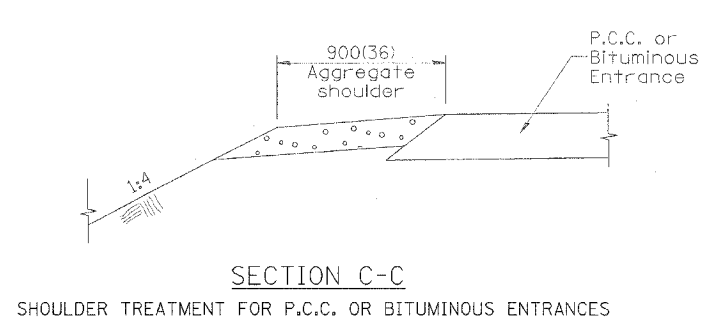
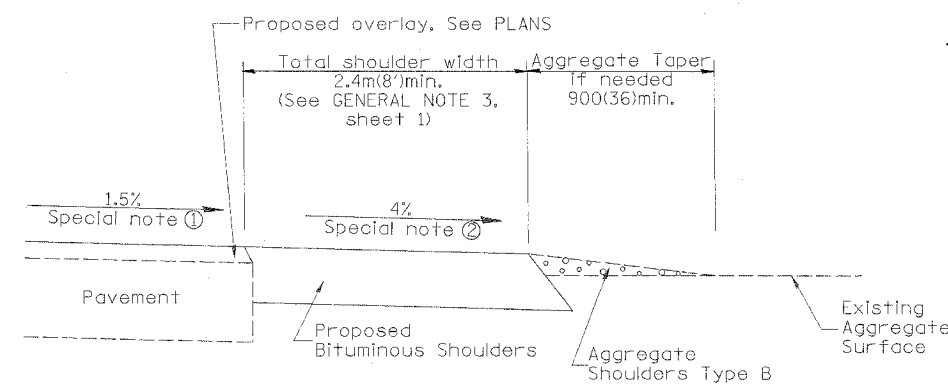
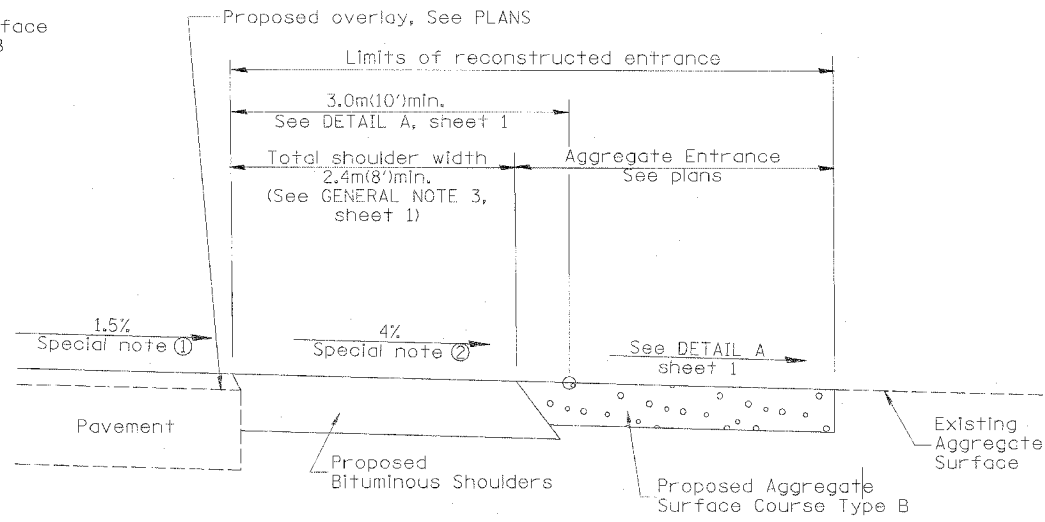
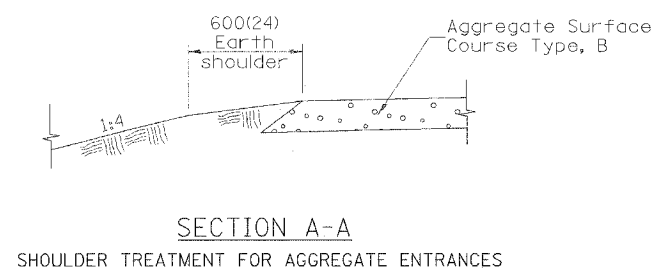
| DATE | REVISIONS | BY |
|--------|-----------------------------------|------|
| 1-1-97 | RENUM. C-103.06, NEW REVISION BOX | T.P. |
| 7-1-97 | REVISE DESIGNER NOTES | J.A. |
| | | |
| | | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
RURAL ENTRANCES FOR "3R" PROJECTS
SHEET 1 OF 2
CADD STD NO. 406301-D4
SCALE: NOT DRAWN TO SCALE
DRAWN BY CADD
DATE **DATE**
CHECKED BY: T. PICKERING

406301-D4(1)

DESIGNER NOTE
1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"
2. DESIGNER SHOULD REVIEW BLE. PROCEDURE MEMORANDUM 95-20, EFFECTIVE 7-1-91 ENTITLED "3R DESIGN POLICIES FOR REHABILITATING HIGHWAYS, STREETS AND BRIDGES FOR OTHER THAN FREEWAYS AND EXPRESSWAYS" revised July 1995.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1036 | 612 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | | |



SPECIAL NOTES

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on super-elevated horizontal curves.
- ② The shoulder slope shall control the entrance profile for a distance of 3.0m(10') minimum from the pavement edge. The shoulder cross-slope is 4% for tangent alignment. Through super-elevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 1.8(6) and wider and 12% for shoulders 1.2m(4') and less. Where 300(12) paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H). All dimensions are in millimeters (inches) unless otherwise noted.

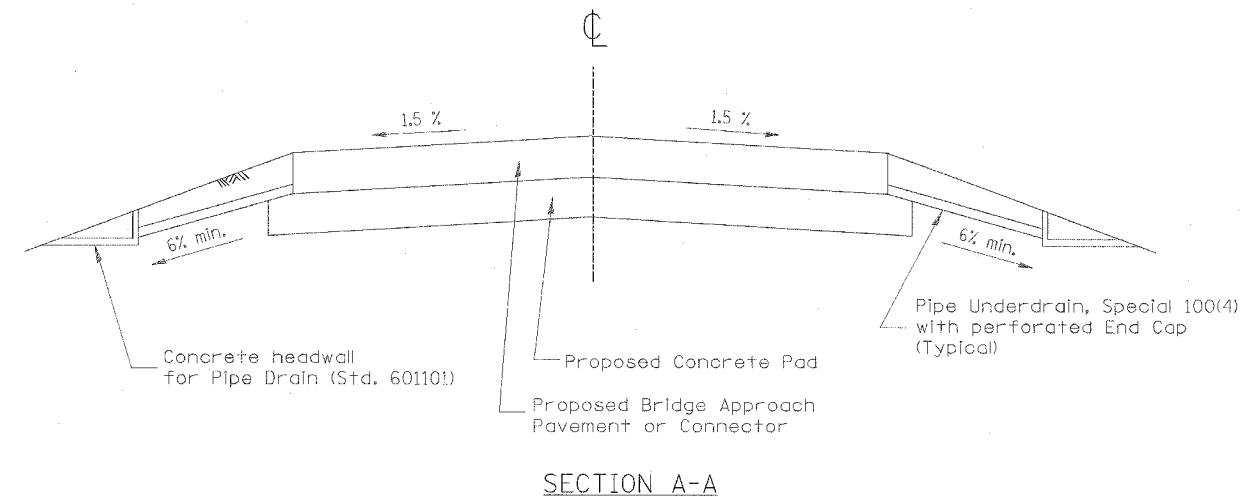
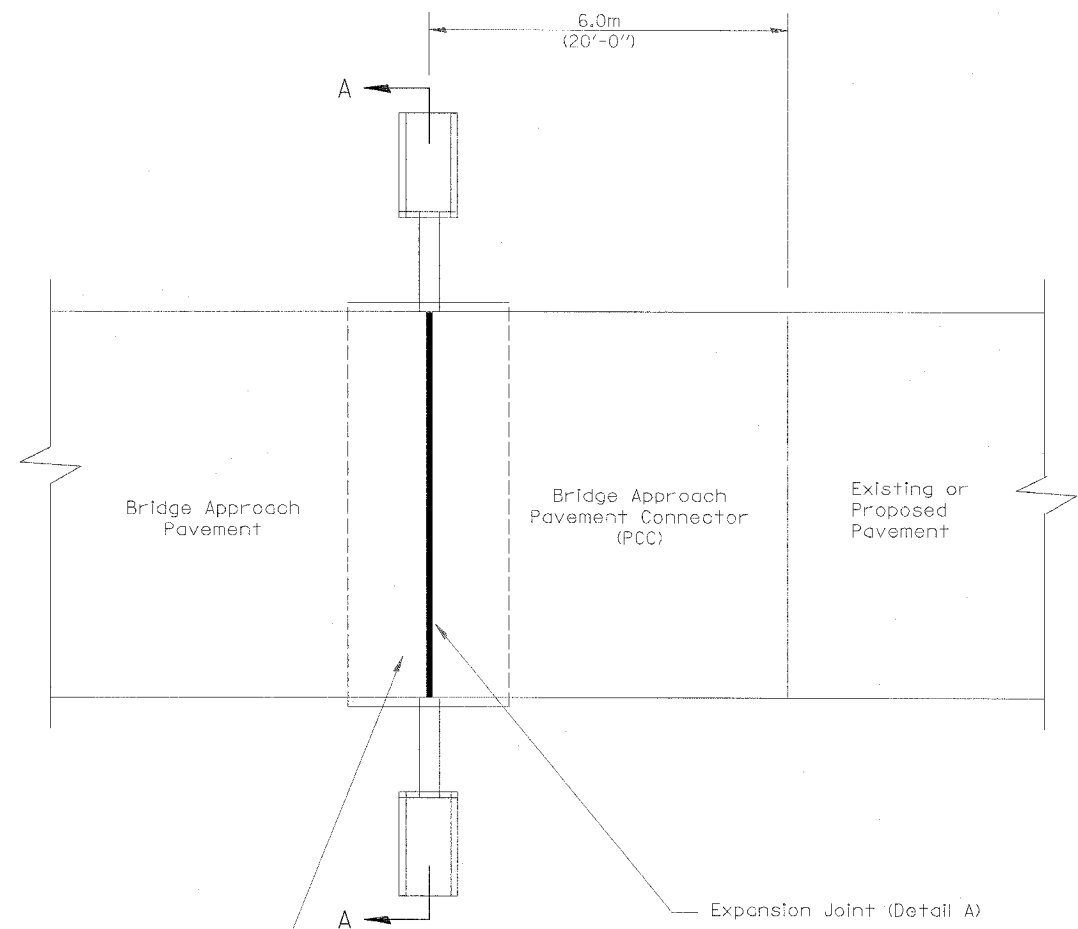
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|---------------------------------------|--------------------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| RURAL ENTRANCES FOR "3R" PROJECTS | |
| CADD STD NO. 406301-D4 | SHEET 2 OF 2 |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| DATE: **DATE** | CHECKED BY: T. PICKERING |

406301-D4(2)

DATE

EGR-ONLY

| | | | | |
|-----------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1036 | 613 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT | | |

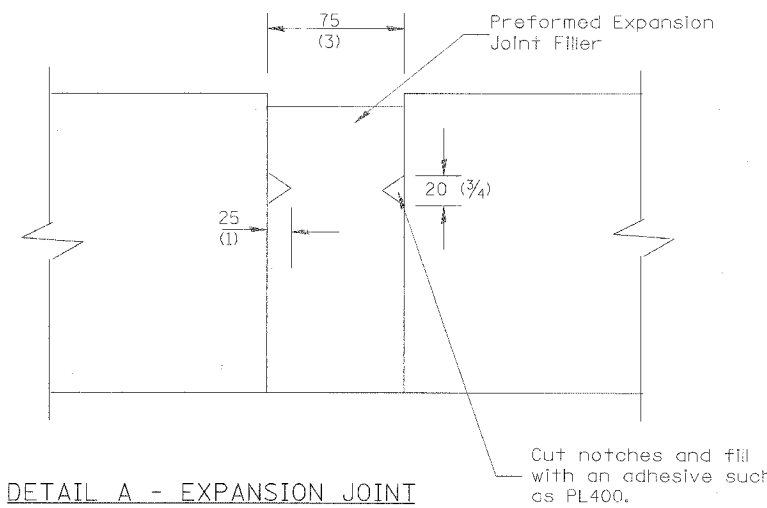


Concrete Pad (Std. 420401)

Expansion Joint (Detail A)

GENERAL NOTES:

1. All work shall be done in accordance with Standard 420401 except as shown herein.
2. The concrete headwalls and pipe underdrain special will be in accordance with Section 601.
3. The bridge approach pavement connector (pcc) shall be constructed similar to section G-G for existing construction rigid pavement as shown standard 420401. Adjacent to PCC base course or pavement deformed bars will be required. Adjacent to bituminous pavement deformed bars will not be required.



DETAIL A - EXPANSION JOINT

Preformed Expansion Joint Filler shall meet the requirements of Article 1051.08 or 1051.09. The expansion joint shall be constructed in accordance with Expansion Joint Sealing Detail shown on Standard 420001 and as shown herein.

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

| | |
|---------------------------------------|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| BRIDGE APPROACH DETAIL | |
| CADD STD. NO. 420401-D4 | |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| DATE **DATE** | CHECKED BY |

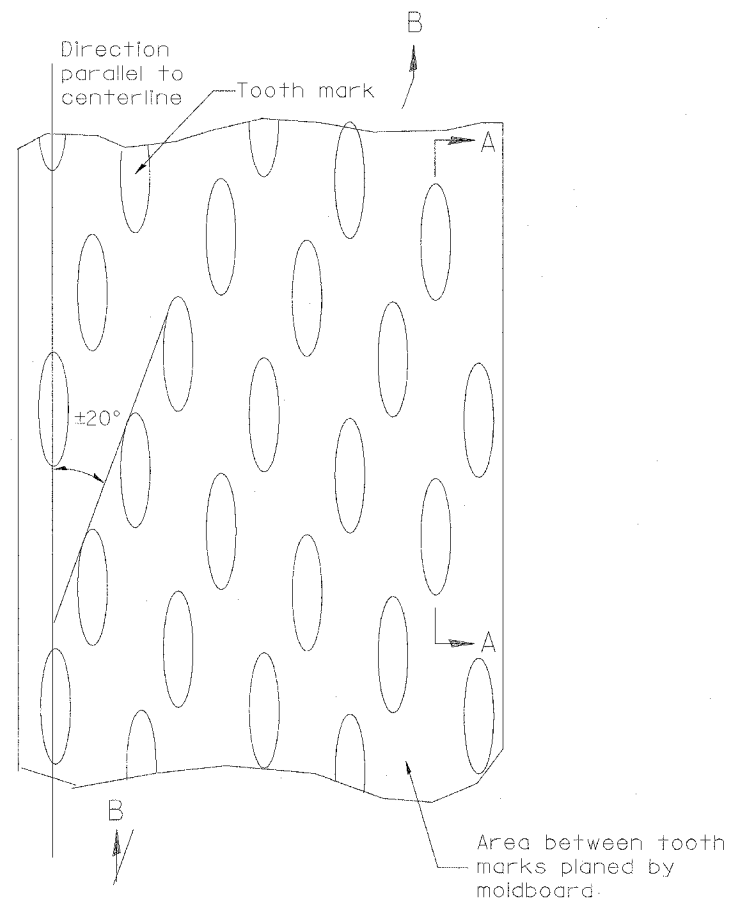
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|---------|--|------|
| 1-1-97 | RENUM. H-6.09, NEW REVISION BOX, NOTES | T.P. |
| 2-22-97 | REVISED SECTION A-A | |
| 3-1-97 | CORRECT STD. NO. IN NOTES | J.A. |
| | | |
| | | |

420401-D4

DESIGNER NOTES:
1. Include Standards 420001, 601101 and 420401 in plans.

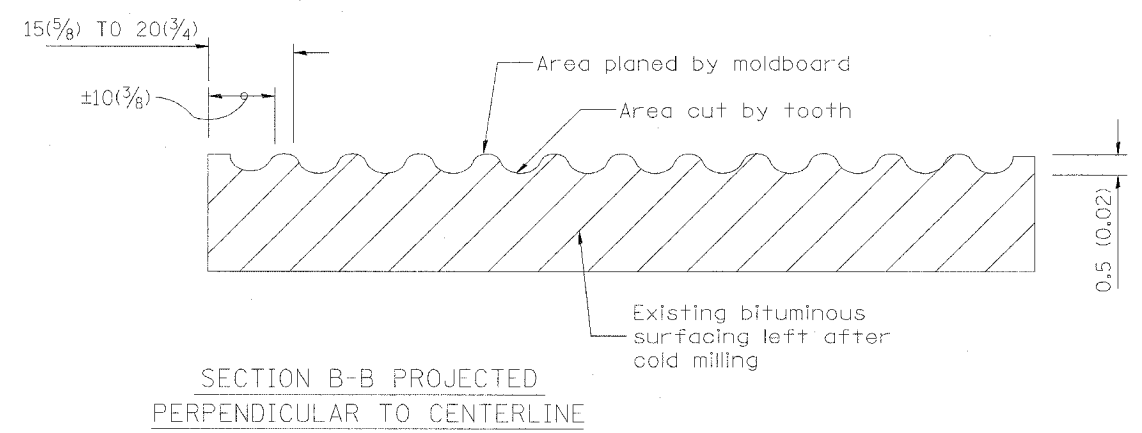
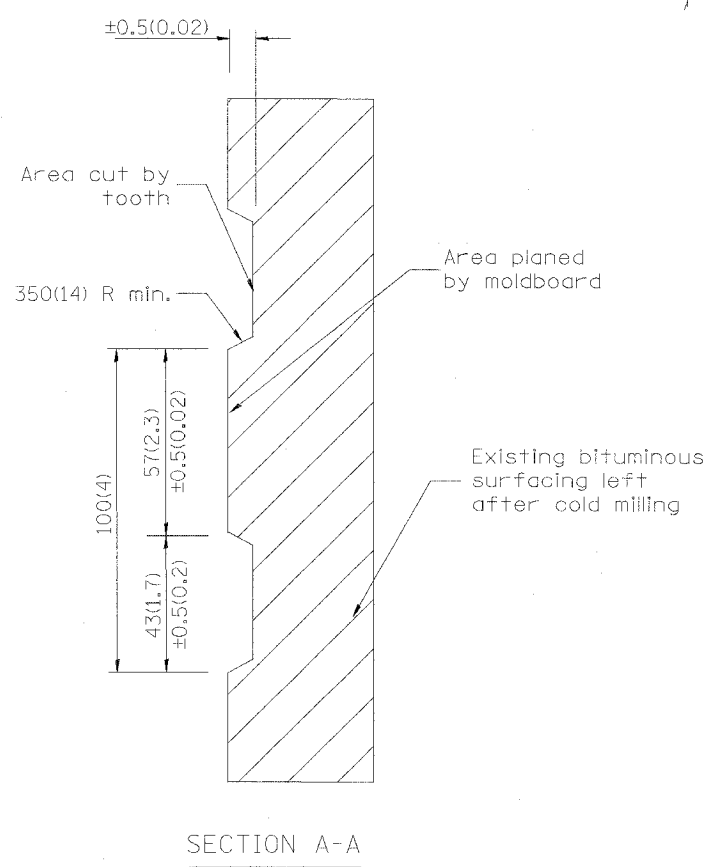
DGN-ONLY

| | | | | |
|-----------------------|---------|-----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 614 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



DESIGNER NOTE
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

\$\$\$DATE\$\$\$

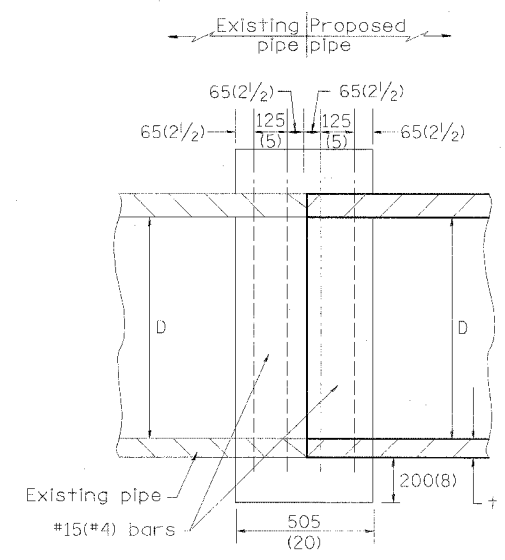
All dimensions are in millimeters (inches) unless otherwise noted.

| | |
|---|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| BITUMINOUS SURFACE REMOVAL (COLD MILLING) | |
| CADD STD NO. 440001-D4 | |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| DATE \$\$\$DATE\$\$\$ | CHECKED BY |

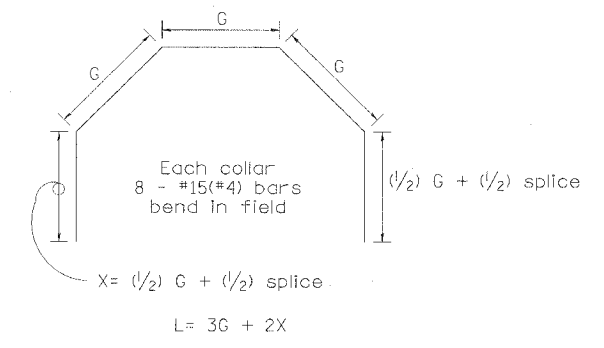
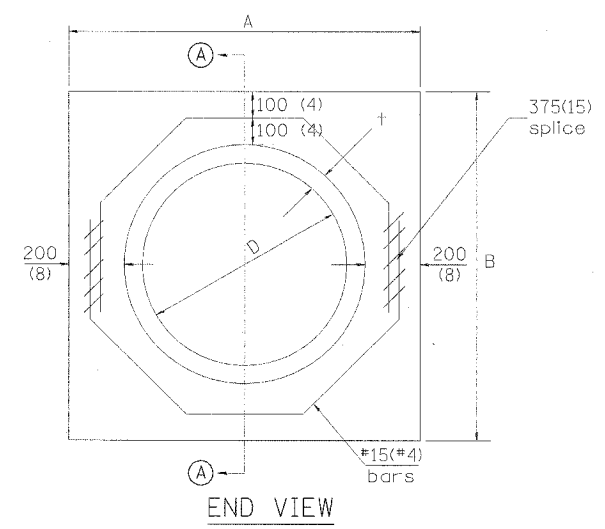
| DATE | REVISIONS | BY |
|---------|-----------------------------------|-------|
| 1-1-97 | RENUM. C-104.01, NEW REVISION BOX | T. P. |
| 4-20-98 | REMOVED MILLING DETAIL FROM STD. | J. R. |
| 9-08-98 | CORRECT NOTE LEADER PLACEMENT | R. W. |
| | | |
| | | |

440001-D4

| | | | | |
|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 615 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



SECTION A - A



| Each Collar | | | | | | | | |
|--------------------|------------|--------------|--------------|-------------------------|----------------|---------------|---------------|---------|
| Reinforcement Bars | | | | | | | | |
| D | t | A | B | CL. SI CONC. | G | X | L | Weight |
| m (in) | m (in) | m (ft) | m (ft) | m ³ (cu. yd) | m (in) | m (in) | m (ft) | kg (lb) |
| 300 (12) | 51 (2.00) | 0.814 (2.67) | 0.814 (2.67) | 0.270 (0.4) | 253 (9 15/16) | 317 (12 7/16) | 1.393 (4.57) | 11 (24) |
| 375 (15) | 57 (2.25) | 0.902 (2.96) | 0.902 (2.96) | 0.315 (0.4) | 290 (11 3/8) | 335 (13 3/16) | 1.541 (5.05) | 12 (27) |
| 450 (18) | 64 (2.50) | 0.991 (3.25) | 0.991 (3.25) | 0.362 (0.5) | 327 (12 13/16) | 354 (13 7/8) | 1.689 (5.54) | 14 (30) |
| 525 (21) | 70 (2.75) | 1.079 (3.54) | 1.079 (3.54) | 0.411 (0.5) | 364 (14 1/4) | 372 (14 5/8) | 1.836 (6.02) | 15 (32) |
| 600 (24) | 76 (3.00) | 1.167 (3.83) | 1.167 (3.84) | 0.460 (0.6) | 401 (15 11/16) | 391 (15 5/16) | 1.984 (6.51) | 16 (35) |
| 675 (27) | 83 (3.25) | 1.259 (4.13) | 1.259 (4.13) | 0.516 (0.7) | 438 (17 1/4) | 409 (16 1/16) | 2.131 (6.99) | 17 (37) |
| 750 (30) | 89 (3.50) | 1.347 (4.42) | 1.347 (4.42) | 0.570 (0.7) | 475 (18 11/16) | 428 (16 3/4) | 2.279 (7.48) | 18 (40) |
| 825 (33) | 95 (3.75) | 1.436 (4.71) | 1.436 (4.71) | 0.624 (0.8) | 512 (20 1/8) | 446 (17 1/2) | 2.426 (7.96) | 19 (43) |
| 900 (36) | 102 (4.00) | 1.524 (5.00) | 1.524 (5.00) | 0.682 (0.9) | 549 (21 9/16) | 465 (18 3/16) | 2.574 (8.44) | 20 (45) |
| 1050 (42) | 114 (4.50) | 1.701 (5.58) | 1.701 (5.58) | 0.800 (1.0) | 622 (24 7/16) | 501 (19 3/4) | 2.869 (9.41) | 23 (50) |
| 1200 (48) | 127 (5.00) | 1.881 (6.17) | 1.881 (6.17) | 0.930 (1.2) | 696 (27 5/16) | 538 (21 3/16) | 3.164 (10.38) | 25 (55) |

GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.

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

| QUANTITIES | |
|----------------------|--------|
| CALC. BY: R. J. D. | 2-2-98 |
| CHECKED BY: R. D. H. | 2-6-98 |

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

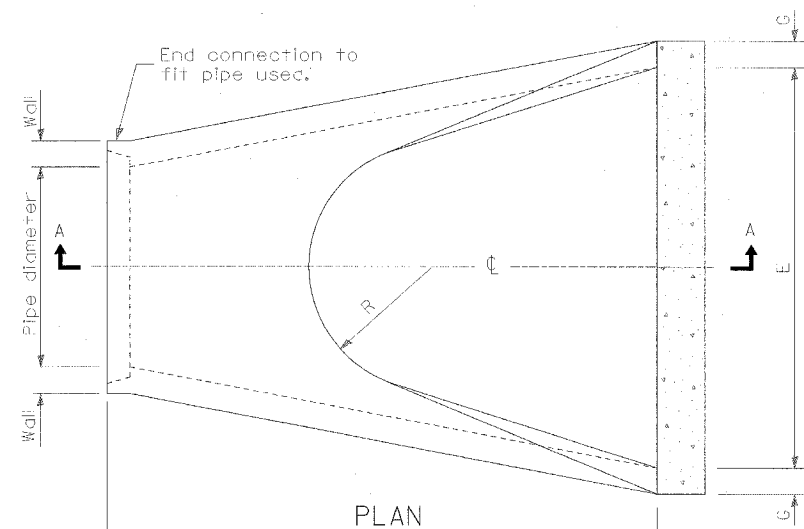
| DATE | REVISIONS | BY |
|---------|---|------|
| 1-1-97 | RENUM. B-8.03, NEW REVISION BOX ADDED QUANTITY CALCULATION BOX, REVISED TITLE BOX | T.P. |
| 4-1-97 | CORRECT BAR | J.A. |
| 2-10-98 | REVISE QUANTITIES | J.A. |
| 9-1-00 | CORRECT WEIGHT | J.A. |

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
**PIPE CULVERT
EXTENSION COLLAR
(WITHOUT END SECTION)**
CADD STANDARD 542016-D4
SCALE: NOT DRAWN TO SCALE DRAWN BY: CADD
DATE: **DATE** CHECKED BY:

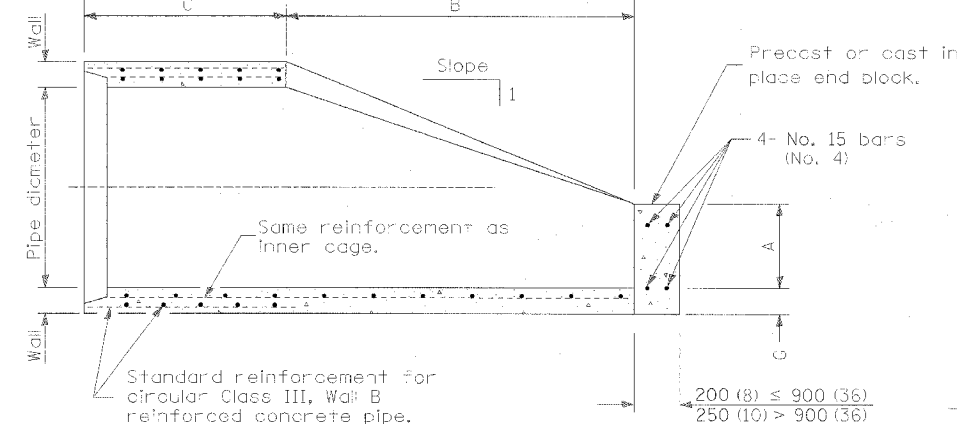
542016-D4

| PIPE DIA. | APPROX. QTY. kg (lbs) | WALL | A | B | C | D | E | G | R | APPROX. SLOPE |
|-----------|-----------------------|-------------|--------------|----------------------|---------------------|---------------------|------------------|-------------|--------------|---------------|
| 300 (12) | 240 (530) | 51 (2) | 102 (4) | 610 (24) | 1.241 m (4'-0 7/8") | 1.851 m (6'-0 7/8") | 610 (24) | 51 (2) | 229 (9) | 1:2.1 |
| 375 (15) | 335 (740) | 57 (2 1/4) | 152 (6) | 686 (27) | 1.168 m (3'-10") | 1.854 m (6'-1") | 762 (30) | 57 (2 1/4) | 280 (11) | 1:2.4 |
| 450 (18) | 450 (990) | 64 (2 1/2) | 229 (9) | 686 (27) | 1.168 m (3'-10") | 1.854 m (6'-1") | 914 (36) | 64 (2 1/2) | 305 (12) | 1:2.4 |
| 525 (21) | 580 (1280) | 70 (2 3/4) | 229 (9) | 889 (35) | 965 (38) | 1.854 m (6'-1") | 1.067 m (3'-6") | 70 (2 3/4) | 330 (13) | 1:2.4 |
| 600 (24) | 690 (1520) | 76 (3) | 241 (9 1/2) | 1.105 m (3'-7 1/2") | 762 (30) | 1.867 m (6'-1 1/2") | 1.219 m (4'-0") | 76 (3) | 356 (14) | 1:2.5 |
| 675 (27) | 875 (1930) | 83 (3 1/4) | 267 (10 1/2) | 1.219 m (4'-0") | 648 (25 1/2) | 1.867 m (6'-1 1/2") | 1.372 m (4'-6") | 83 (3 1/4) | 368 (14 1/2) | 1:2.4 |
| 750 (30) | 995 (2190) | 89 (3 1/2) | 305 (12) | 1.375 m (4'-6") | 502 (19 3/4) | 1.874 m (6'-1 3/4") | 1.524 m (5'-0") | 89 (3 1/2) | 381 (15) | 1:2.5 |
| 825 (33) | 1450 (3200) | 95 (3 3/4) | 343 (13 1/2) | 1.486 m (4'-10 1/2") | 997 (39 1/4) | 2.483 m (8'-1 3/4") | 1.676 m (5'-6") | 95 (3 3/4) | 445 (17 1/2) | 1:2.5 |
| 900 (36) | 1860 (4100) | 102 (4) | 381 (15) | 1.6 m (5'-3") | 883 (34 3/4) | 2.483 m (8'-1 3/4") | 1.829 m (6'-0") | 102 (4) | 508 (20) | 1:2.5 |
| 1050 (42) | 2440 (5380) | 114 (4 1/2) | 533 (21) | 1.6 m (5'-3") | 889 (35) | 2.489 m (8'-2") | 1.981 m (6'-6") | 114 (4 1/2) | 559 (22) | 1:2.5 |
| 1200 (48) | 2970 (6550) | 127 (5) | 610 (24) | 1.829 m (6'-0") | 660 (26) | 2.489 m (8'-2") | 2.134 m (7'-0") | 127 (5) | 559 (22) | 1:2.5 |
| 1350 (54) | 3740 (8240) | 140 (5 1/2) | 686 (27) | 1.651 m (5'-5") | 889 (35) | 2.54 m (8'-4") | 2.286 m (7'-6") | 140 (5 1/2) | 610 (24) | 1:2.0 |
| 1500 (60) | 3960 (8730) | 152 (6) | 889 (35) | 1.524 m (5'-0") | 991 (39) | 2.515 m (8'-3") | 2.438 m (8'-0") | 127 (5) | * | 1:1.9 |
| 1650 (66) | 4860 (10710) | 165 (6 1/2) | 762 (30) | 1.829 m (6'-0") | 686 (27) | 2.515 m (8'-3") | 2.591 m (8'-6") | 140 (5 1/2) | * | 1:1.7 |
| 1800 (72) | 5680 (12520) | 178 (7) | 914 (36) | 1.981 m (6'-6") | 533 (21) | 2.514 m (8'-3") | 2.743 m (9'-0") | 152 (6) | * | 1:1.8 |
| 1950 (78) | 6700 (14770) | 191 (7 1/2) | 914 (36) | 2.286 m (7'-6") | 533 (21) | 2.819 m (9'-3") | 2.896 m (9'-6") | 165 (6 1/2) | * | 1:1.8 |
| 2100 (84) | 8240 (18160) | 203 (8) | 914 (36) | 2.299 m (7'-6 1/2") | 533 (21) | 2.832 m (9'-3 1/2") | 3.048 m (10'-0") | 165 (6 1/2) | * | 1:1.6 |

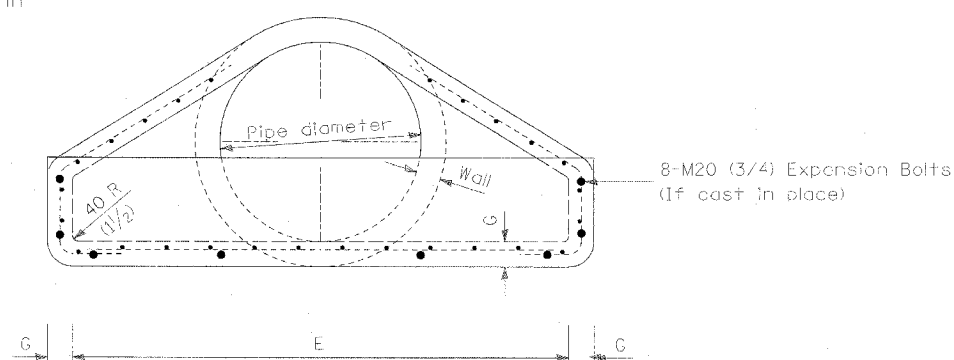
* Radius as furnished by manufacturer



PLAN



SECTION A-A



END VIEW

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters (Inches) unless otherwise noted.

| | |
|---|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| PRECAST REINFORCED CONCRETE FLARED DROP BOX END SECTION | |
| CADD STANDARD 542301-04 | DRAWN BY CADD |
| SCALE: NOT DRAWN TO SCALE | CHECKED BY |
| DATE \$\$\$DATE\$\$\$ | |

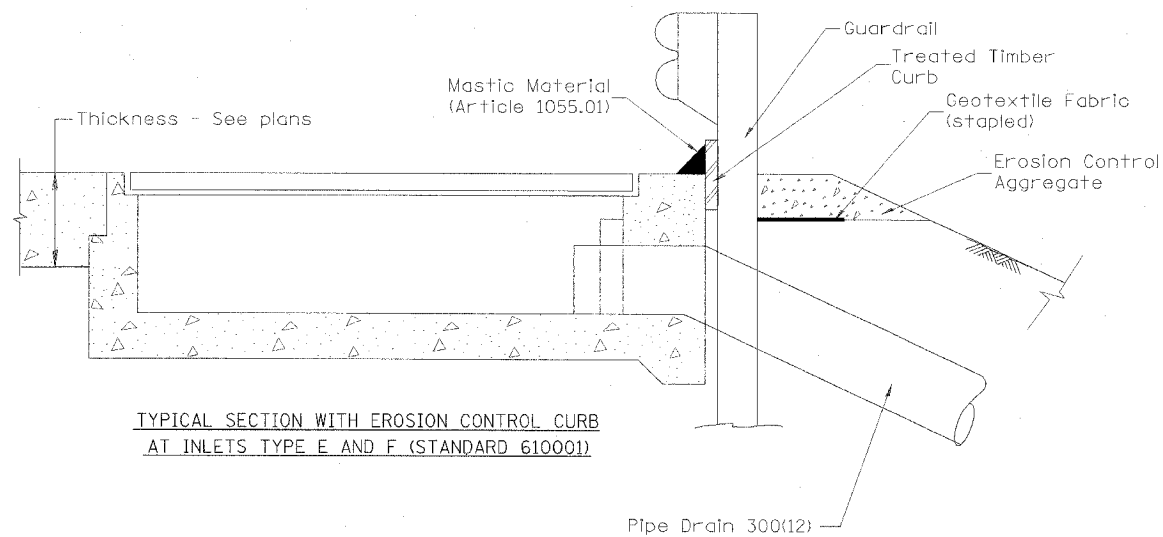
| REVISIONS | |
|-----------|------|
| NAME | DATE |
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542301-D4

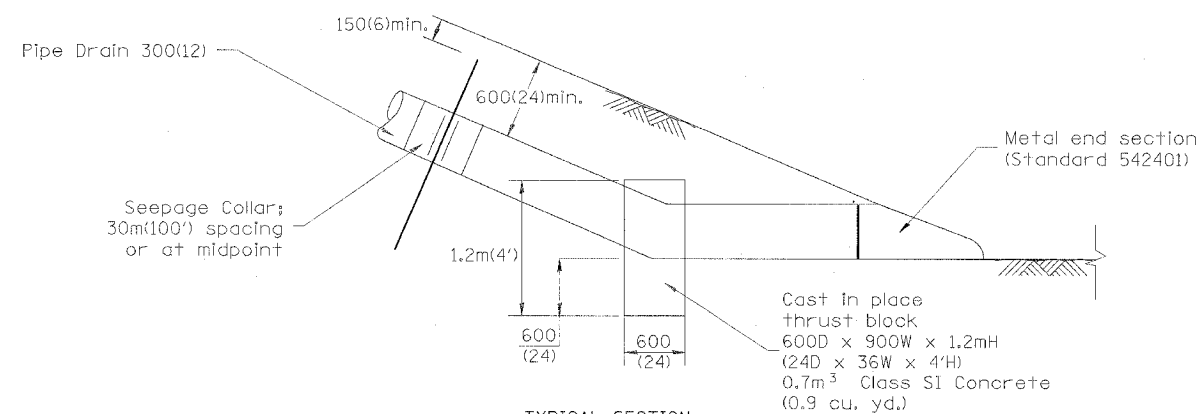
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CIV-ONLY

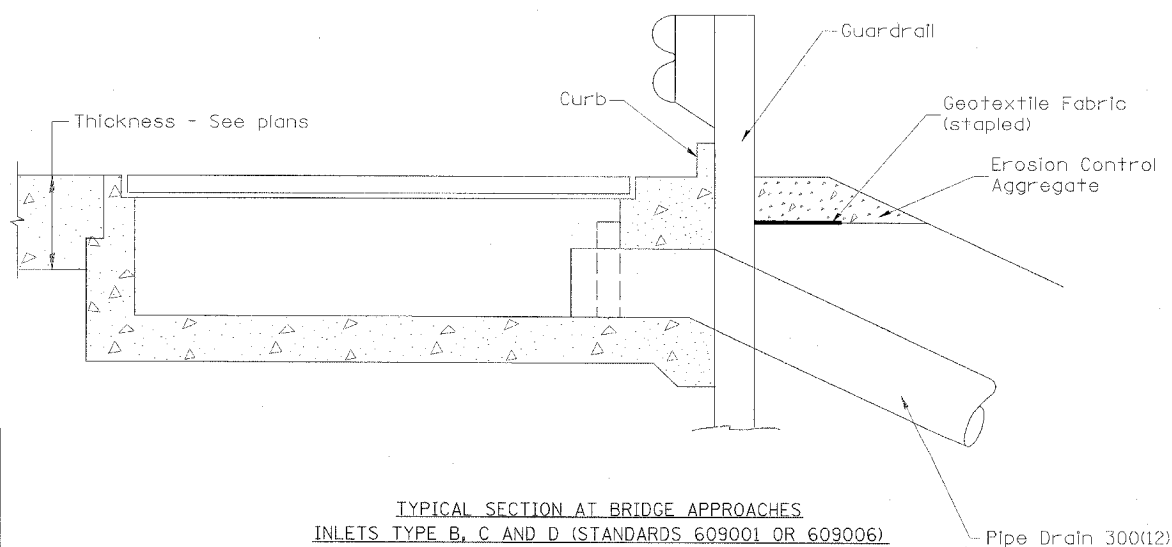
| F.A.P. RITE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1036 | 617 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT | | | | |



TYPICAL SECTION WITH EROSION CONTROL CURB AT INLETS TYPE E AND F (STANDARD 610001)



TYPICAL SECTION



TYPICAL SECTION AT BRIDGE APPROACHES INLETS TYPE B, C AND D (STANDARDS 609001 OR 609006)

GENERAL NOTES

1. The material for Pipe Drains shall be bituminous coated galvanized corrugated steel culvert pipe or bituminous coated corrugated aluminum alloy pipe in accordance with Article 601.02(f) or 601.02(i).
2. An approved mastic material (Article 1055.01) shall be applied to the inside of the connecting bands.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

SLOPE DRAIN DETAILS FOR BURIED PIPES

CADD STD. NO. 601101-D4
NOT DRAWN TO SCALE
DATE

DRAWN BY CADD

| DATE | REVISIONS | BY |
|--------|--|------|
| 1-1-97 | RENUM. H-1.04, NEW REVISION BOX, REVISED TITLE BOX, REVISED DESIGNER NOTES, ADDED QUANTITY CALCULATION BOX | T.P. |
| | | |
| | | |
| | | |
| | | |

| QUANTITIES | |
|---|-------|
| CALC. BY: | DATE: |
| CHECKED BY: | DATE: |
| QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION | |

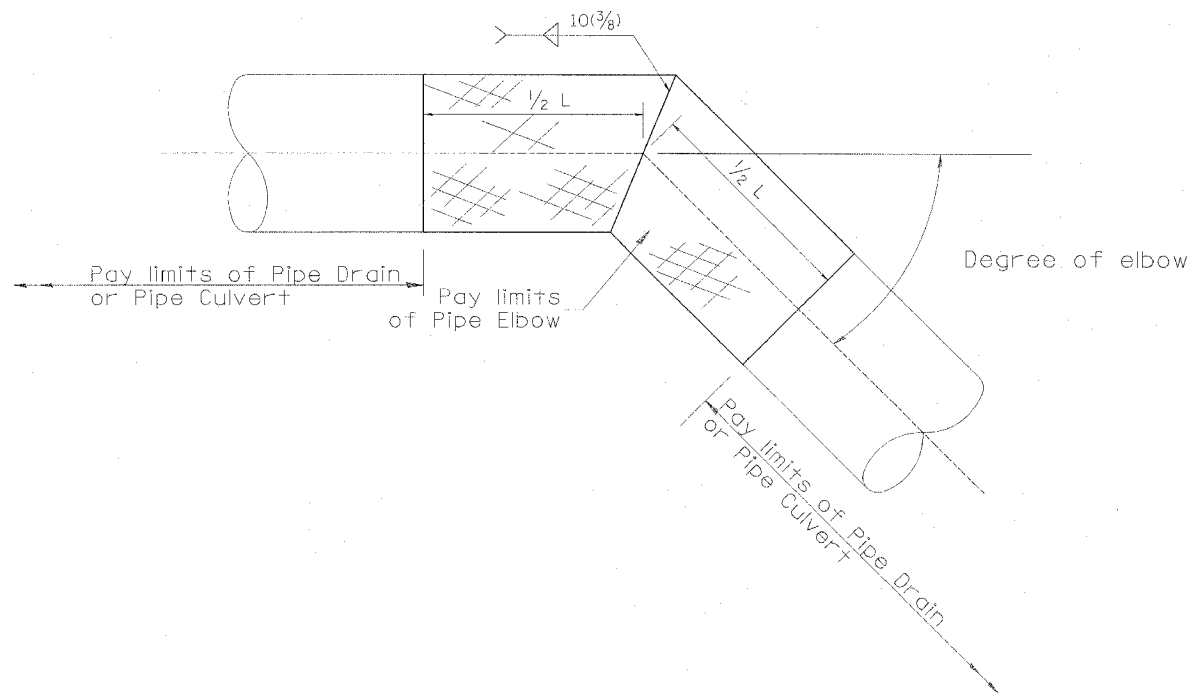
DGN-ONLY

601101-D4

DESIGNER NOTE:
1. INCLUDE STATE STANDARD 542401.
2. INCLUDE STATE STANDARDS 609001, 609006 OR 610001, IF APPLICABLE
3. INCLUDE DISTRICT CADD STANDARDS FOR "GUARDRAIL EROSION CONTROL TREATMENTS", "SEEPAGE COLLARS FOR BURIED PIPES", AND "PIPE ELBOW"

DESIGNER NOTES: 1. Use with District CADD Standards: Slope Drains, Buried Pipe and/or Slope Drains - Exposed Pipe

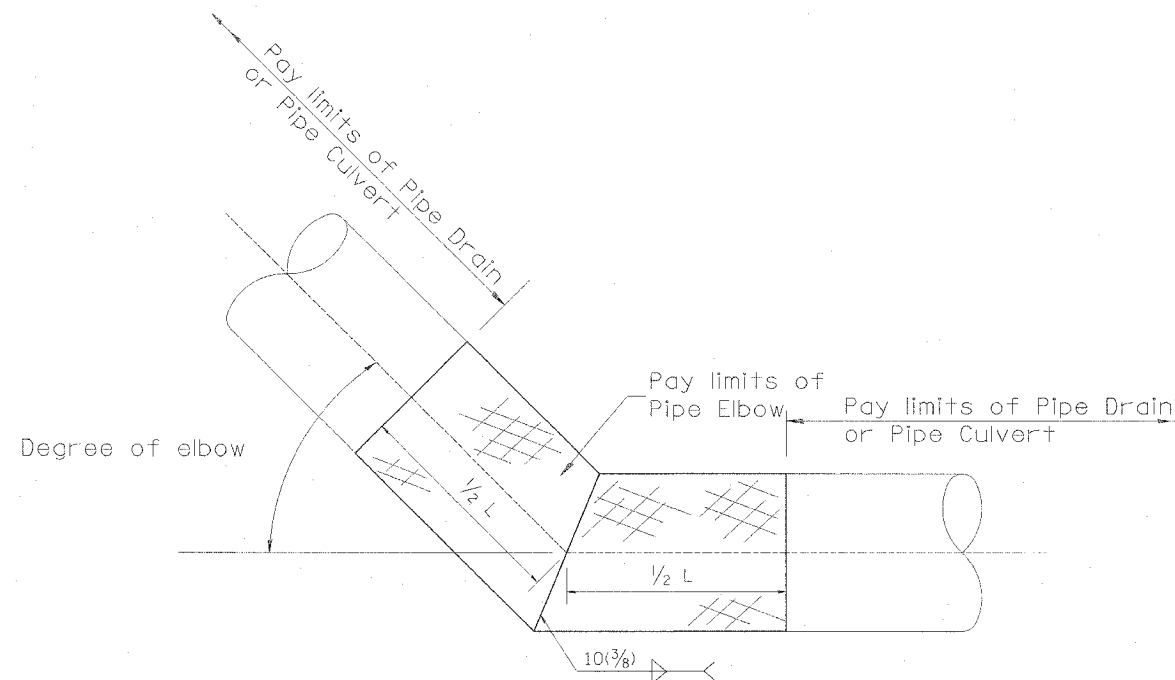
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|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 618 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



| TABLE A | | |
|-----------------------|--|--------------------------|
| ELBOW DESIGN CONTROLS | | |
| PIPE DIAMETER | L = Pay limits of Pipe Elbow and minimum length of pipe required for fabrication | |
| | DEGREE OF ELBOW ≤ 45° | DEGREE OF ELBOW ≥ 46° |
| 300(12) | 600(24) | 1.22M(4') |
| 375(15) | 600(24) | 1.22M(4') |
| 450(18) | 600(24) | 1.22M(4') |
| 525(21) | 600(24) | 1.22M(4') |
| 600(24) | 1.22M(4') | 1.22M(4') |
| 750(30) | 1.22M(4') | 1.83M(6') |
| 900(36) | 1.22M(4') | 1.83M(6') |

| TABLE B | |
|-----------------------|-------------------|
| ELBOW DESIGN CONTROLS | |
| EARTH SLOPE (V:H) | DEGREE OF ELBOW * |
| 1:6 | 9° |
| 1:4 | 14° |
| 1:3 | 18° |
| 1:2 | 26° |
| 1:1 1/2 | 33° |

* Approximate - based upon 0.5% inlet and outlet flowlines.



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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

PIPE ELBOW

CADD STD. NO. 601301-D4

SCALE: NOT DRAWN TO SCALE

DRAWN BY CADD

DATE \$\$\$DATE\$\$\$

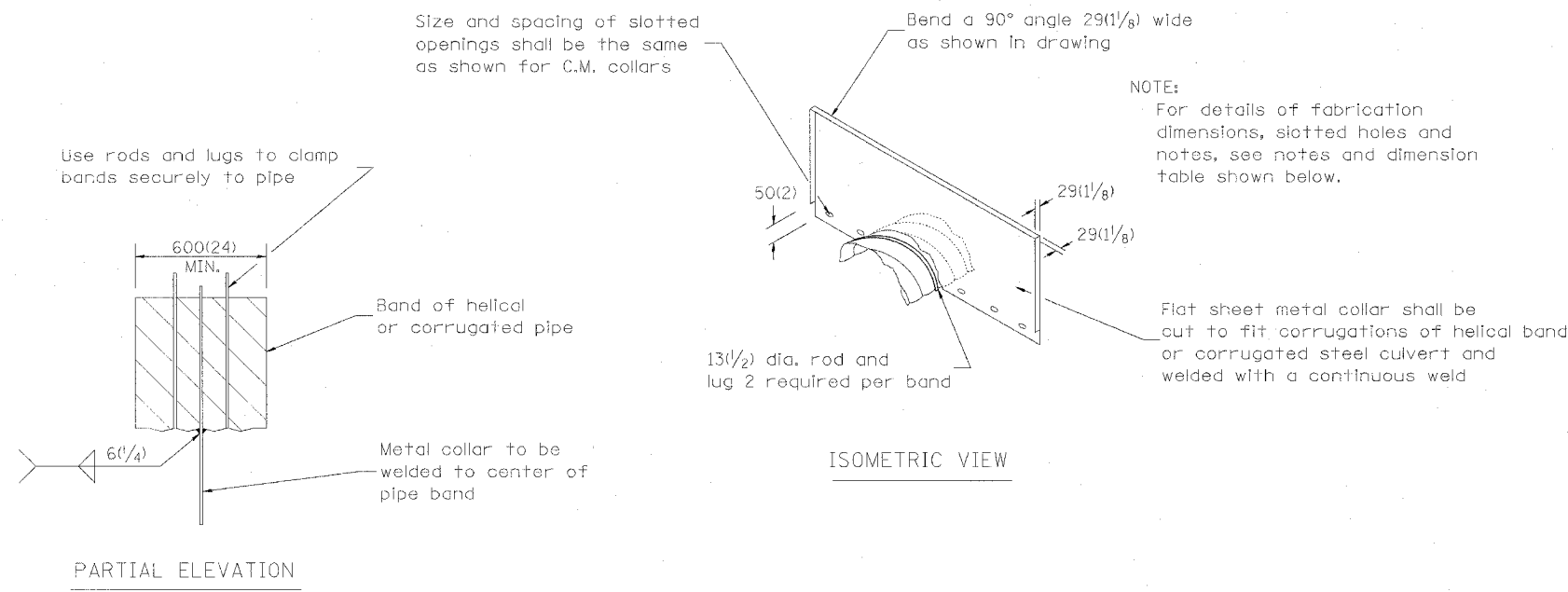
CHECKED BY

| DATE | REVISIONS | BY |
|--------|---|------|
| 1-1-97 | RENUM. J-11.05, NEW REVISION BOX, REVISED TITLE BOX | T.P. |
| | | |
| | | |
| | | |
| | | |

601301-D4

DGN-ONLY

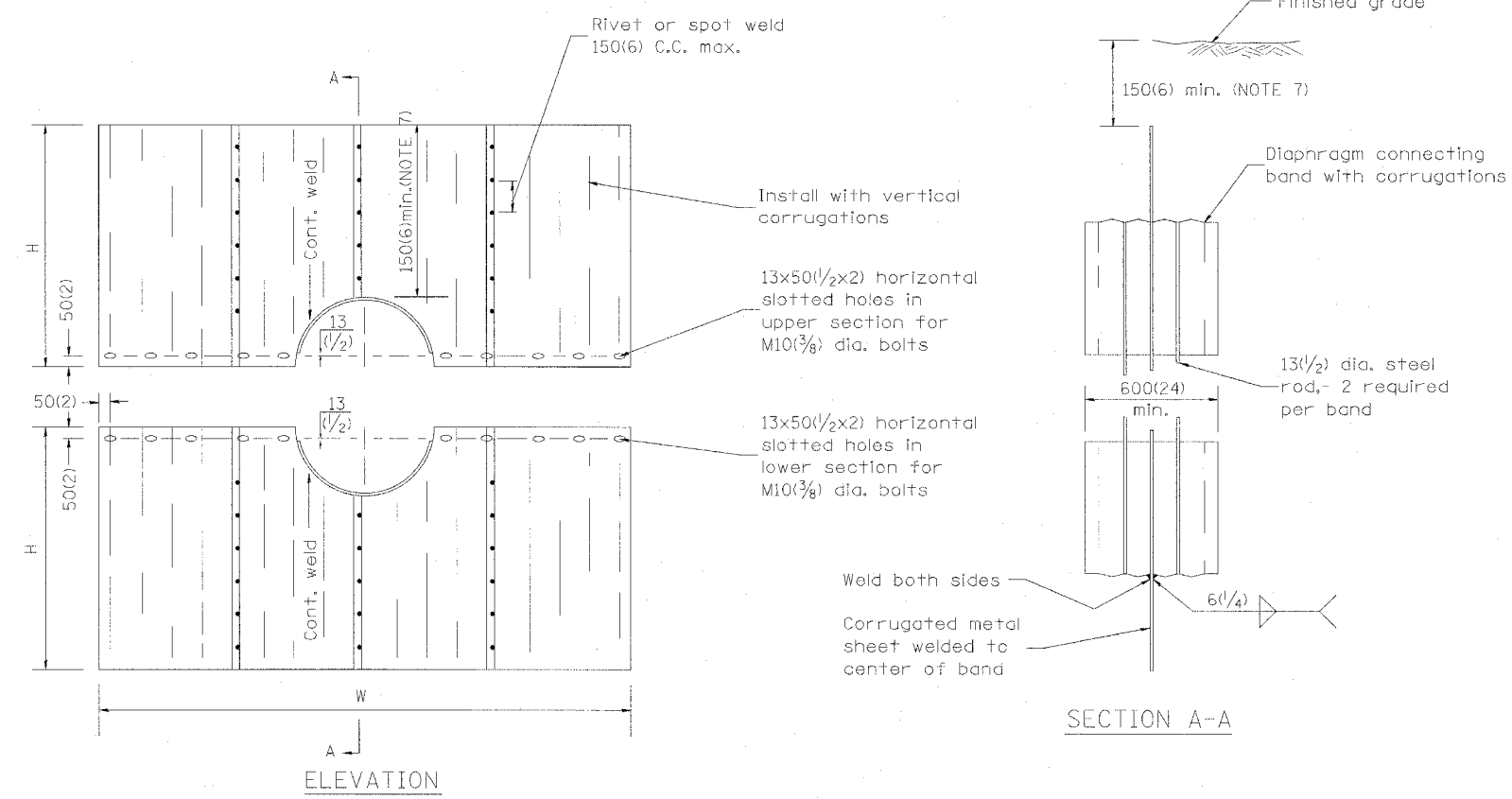
| | | | | |
|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 619 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



DETAILS OF CORRUGATED PIPE COLLAR

NOTES FOR COLLARS:

1. Materials and coatings for all collars shall be the same as that specified for the pipe.
2. Collars shall be shop fabricated, assembled and marked by painting to identify matching half sections of each collar.
3. The laps between the half sections and between the pipe and connecting bands shall be caulked with fiberized asphalt mastic at the time of installation.
4. All tank lugs, rods, and nuts shall be galvanized steel. Where aluminum collars are used, the rods and lugs shall be separated from the aluminum bands. By at least two (2) layers of 50(2) wide plastic tape with a total thickness of 2/4 mils or more.
5. The collars shall be welded to the connecting bands as shown on the drawings, all welds shall be treated as specified for class I, II, and III welds, miscellaneous. (Refer to AWS Standard Specifications)
6. Bands shall be fabricated from material having the same class of corrugations as the pipe to which it is to be attached.
7. Upper half of sheet may be cut shorter to provide 150(6) min. earth cover.



DETAILS OF SEEPAGE COLLAR

SEEPAGE COLLAR DIMENSION TABLE

| PIPE DIAMETER | NOMINAL COLLAR SIZE | FABRICATIONS DIMENSIONS | |
|---|---------------------------|-------------------------|------------------|
| | | W(WIDTH) | H(HEIGHT) |
| 300(12) 375(15), 450(18) 525(21), 600(24) | 2.4m x 1.8m (8' x 6') | 2.44m (8'-0") | 966(38) |
| 675(27) 750(30) | 2.4m x 2.1m (8' x 7') | 2.44m (8'-0") | 1.12m (3'-8") |
| 900(36), 1050(42) 1200(48) | 3.0m x 2.1m (10' x 7') | 3.05m (10'-0") | 1.12m (3'-8") |

Collar dimensions shown may be increased to allow fabrication from standard size sheets.

| SEEPAGE COLLAR SPACING | |
|--|--------------------------------|
| Less than 600(24) pipe: | 30m (100') spacing or midpoint |
| Equal to or greater than 600(24) pipe: | 24m (80') spacing or midpoint |

| DATE | REVISIONS | BY |
|--------|---|------|
| 1-1-97 | RENUM. J-10.02, NEW REVISION BOX, REVISED TITLE BOX, REVISED DESIGNER NOTES | T.P. |
| | | |
| | | |
| | | |

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
DETAILS OF SEEPAGE COLLARS FOR BURIED PIPES
 CADD STD. NO. 601401-D4
 SCALE: NOT DRAWN TO SCALE
 DATE: **DATE**
 DRAWN BY: CADD
 CHECKED BY:

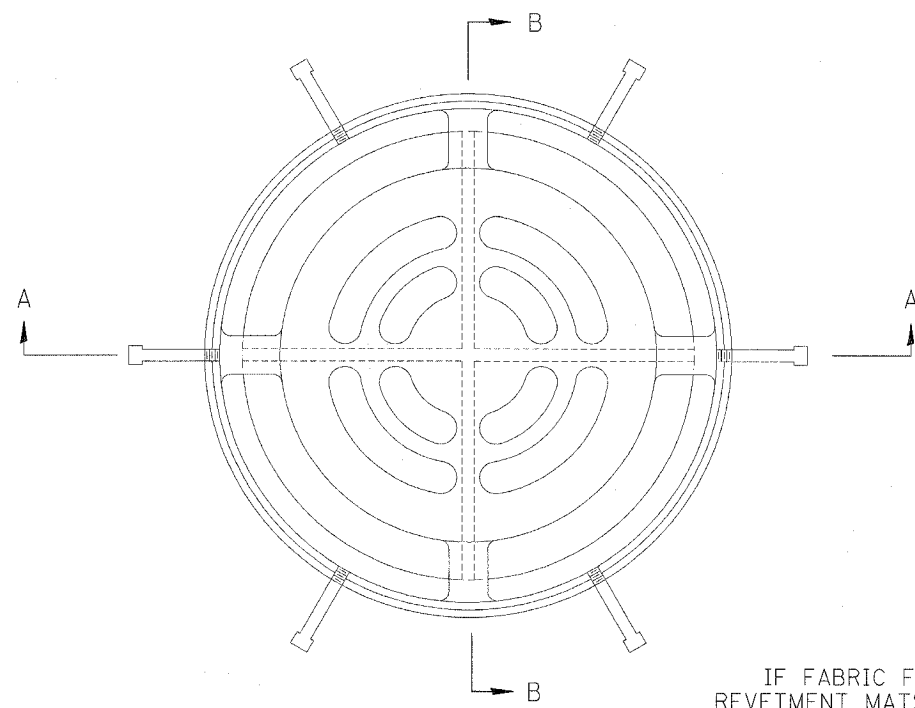
DESIGNER NOTES:
 1. USE WITH DISTRICT CADD STANDARD: "SLOPE DRAIN FOR BURIED PIPES"
 2. ADD DISTRICT SPECIAL PROVISION.

\$\$\$DATE\$\$\$

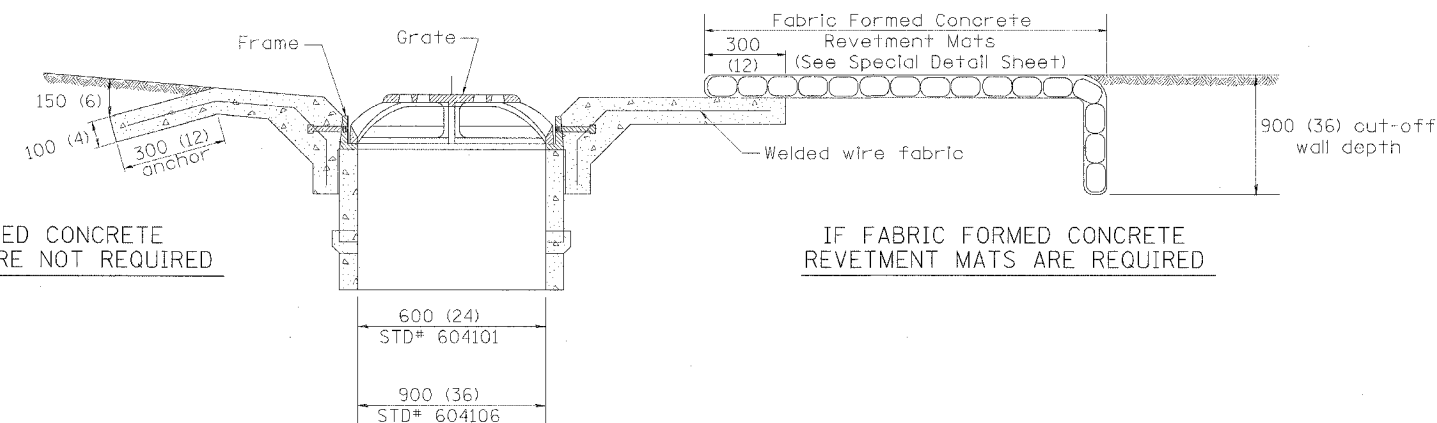
DCN-ONLY

601401-D4

| | | | | |
|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1036 | 620 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



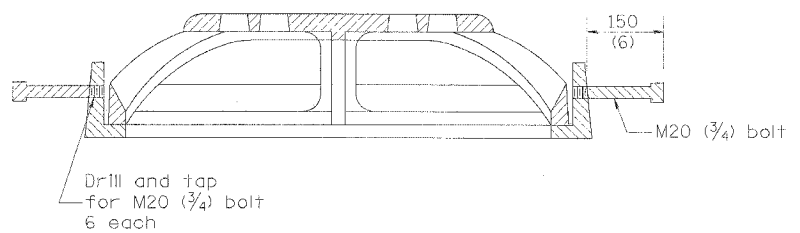
PLAN
(STD# 604101 & 604106)



IF FABRIC FORMED CONCRETE
REVTMENT MATS ARE NOT REQUIRED

IF FABRIC FORMED CONCRETE
REVTMENT MATS ARE REQUIRED

SECTION B-B
(STD# 604101 & 604106)



SECTION A-A
(STD# 604101 & 604106)

GENERAL NOTES

- The applicable portions of Highway Standards 604101 and/or 604106 shall apply, except as noted herein.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

| DATE | REVISIONS | BY |
|--------|--|------|
| 1-1-97 | RENUM. B-4.09, NEW REVISION BOX, REVISED DESIGNER NOTES. | T.P. |
| | | |
| | | |
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| | | |

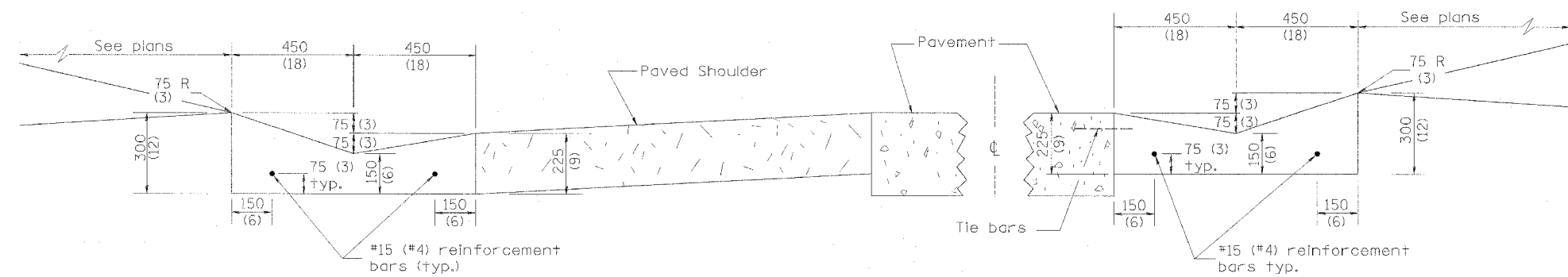
MEDIAN INLET (604101), SPECIAL AND
MEDIAN INLET (604106), SPECIAL
CADD STANDARD 604101-D4
SCALE NOT TO SCALE
DATE **DATE**
DRAWN BY CADD
CHECKED BY

604101-D4

Designer Notes: 1. This is to be used to supplement Standard 604101 and/or 604106
 2. If fabric formed concrete revetment mats are used, include District CADD drawing.
 3. Include District Special Provision.
 DATE

DGN-ONE.Y

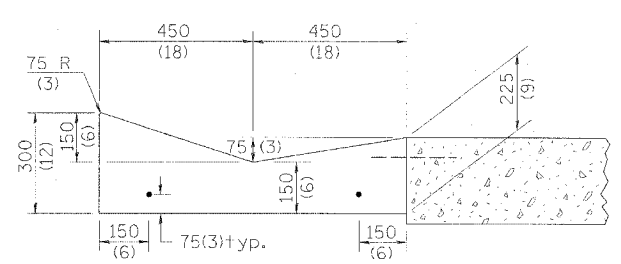
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1036 | 621 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



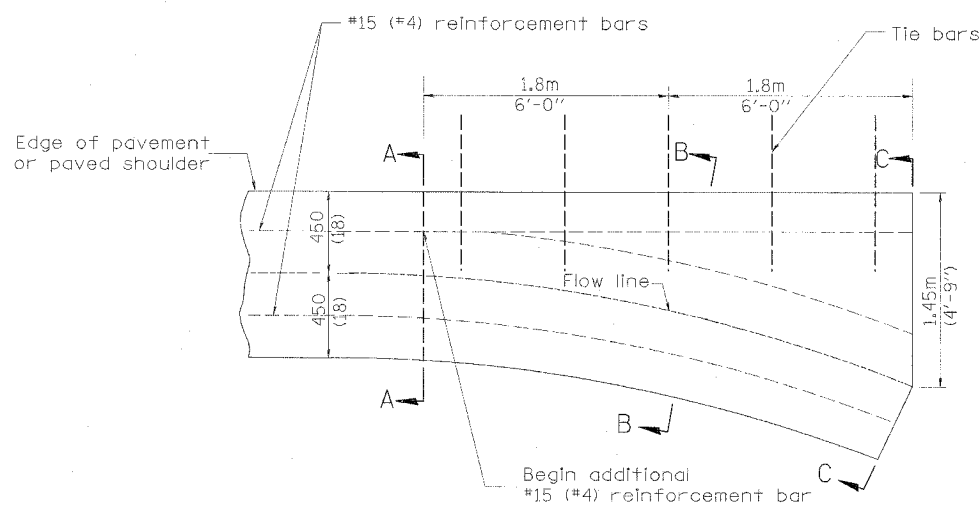
SHOULDER EDGE GUTTER

TYPE A GUTTER (MODIFIED)

PAVEMENT EDGE GUTTER



SECTION A-A

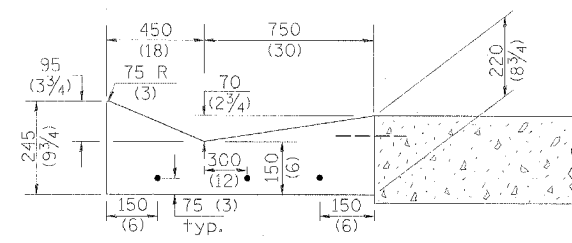


PLAN

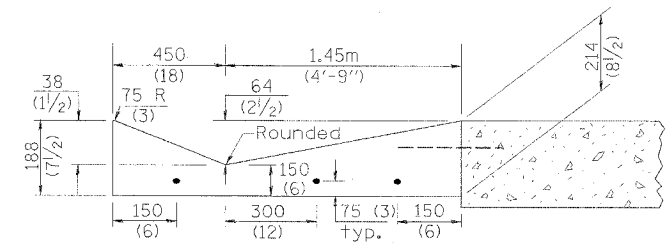
QUANTITY
Section C-C to A-A
m³ (cu. yd.) concrete.

GENERAL NOTES:

1. TYPE A GUTTER (MODIFIED) shall conform to the applicable portions of Section 606.
2. Tie bars shall be No. 20 (No. 6) at 600mm (24") centers unless otherwise shown.
3. Cutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 2.83 kg/m² (58 lbs/100 sq.ft.).



SECTION B-B



SECTION C-C

INLET

DESIGNER NOTE:
1. INCLUDE STATE STANDARD 420001.
2. INCLUDE DISTRICT SPECIAL PROVISION.

| QUANTITIES | |
|-------------|-------|
| CALC. BY: | DATE: |
| CHECKED BY: | DATE: |

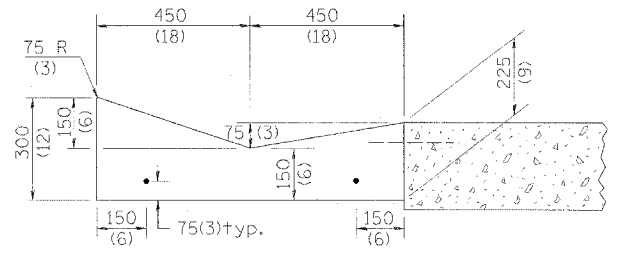
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

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

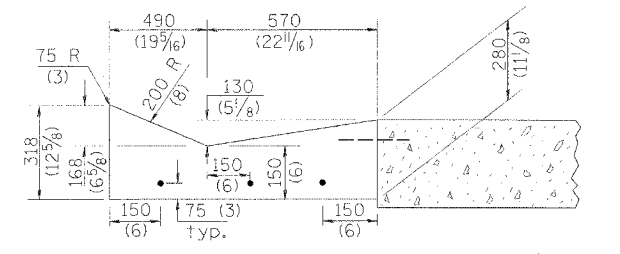
| | |
|---|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| TYPE A GUTTER, (MODIFIED) (INLET, OUTLET & ENTRANCE) | |
| CADD STANDARD 606101-D4 | SHEET 1 OF 3 |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| DATE **DATE** | CHECKED BY |

| DATE | REVISIONS | BY |
|---------|--|------|
| 1-1-97 | RENUM. A-1.02, NEW REVISION BOX, ELIMINATED EXPANSION ANCHOR TIES. | T.P. |
| 2-28-02 | ENTRANCE TYPICALS REVISED | M.A. |

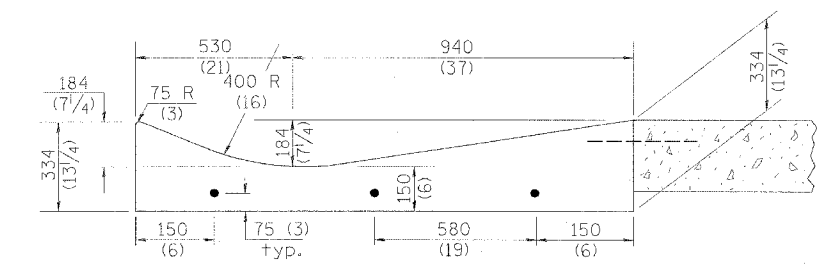
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|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 622 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



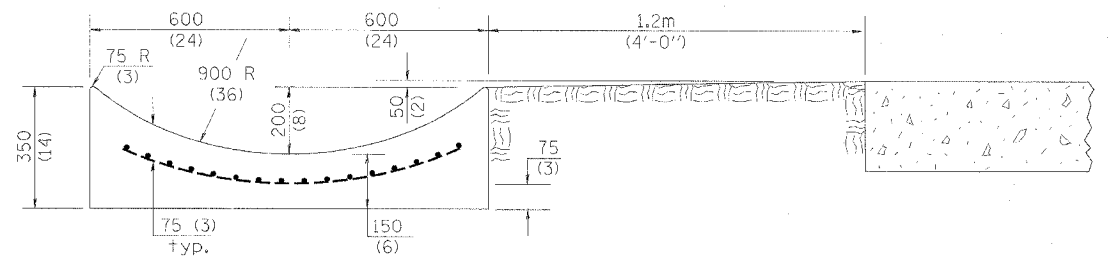
SECTION A-A



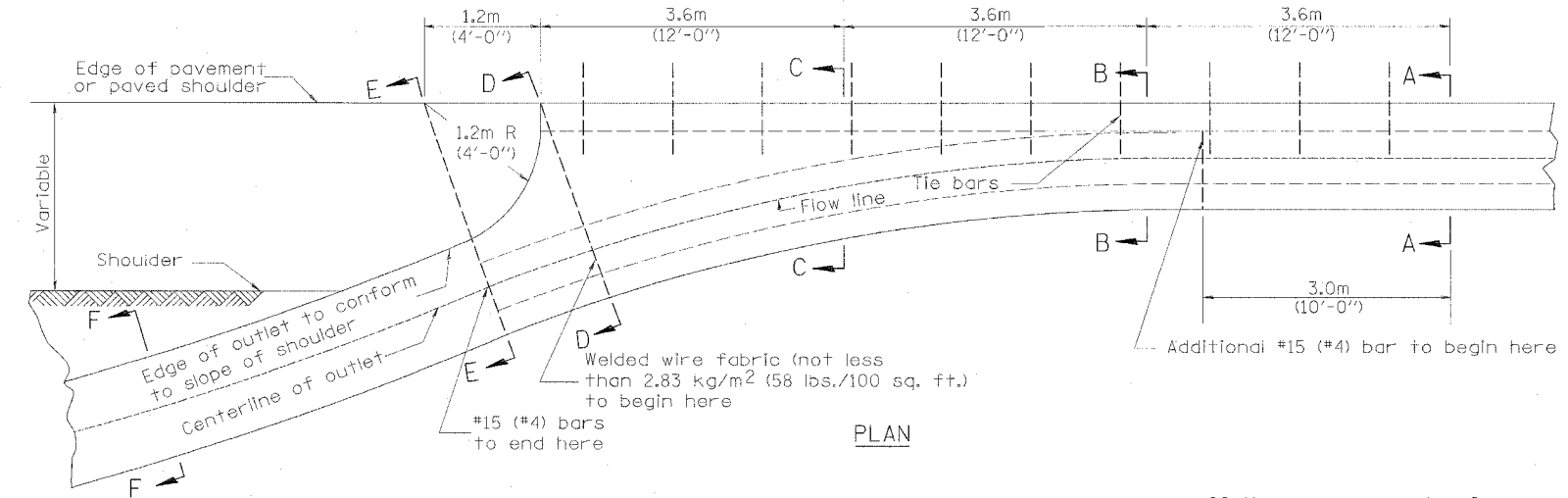
SECTION B-B



SECTION C-C



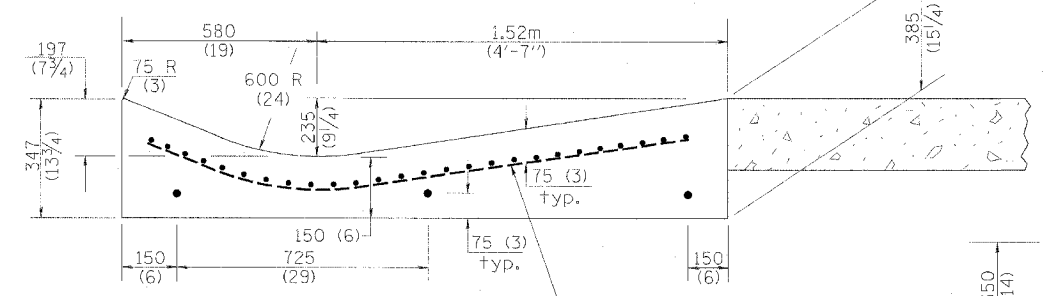
SECTION E-E



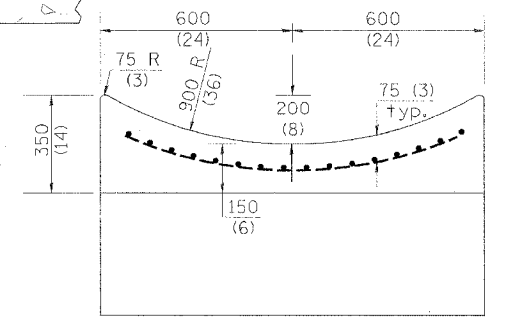
PLAN

QUANTITY
 Section A-A to E-E= m³ (cu. yd.) concrete.
 Section F-F= m³/m (cu. yd./ft.) concrete.

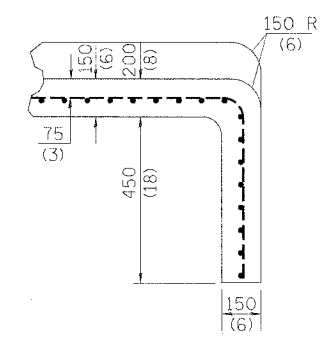
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 1.8 m (6 ft.) for each 1% increase in grade. A quantity adjustment is required.



SECTION D-D



SECTION F-F



SECTIONS AT END OF OUTLET (CURTAIN WALL)

QUANTITY
 Curtain Wall
 m³ (cu. yd.) concrete.

OUTLET

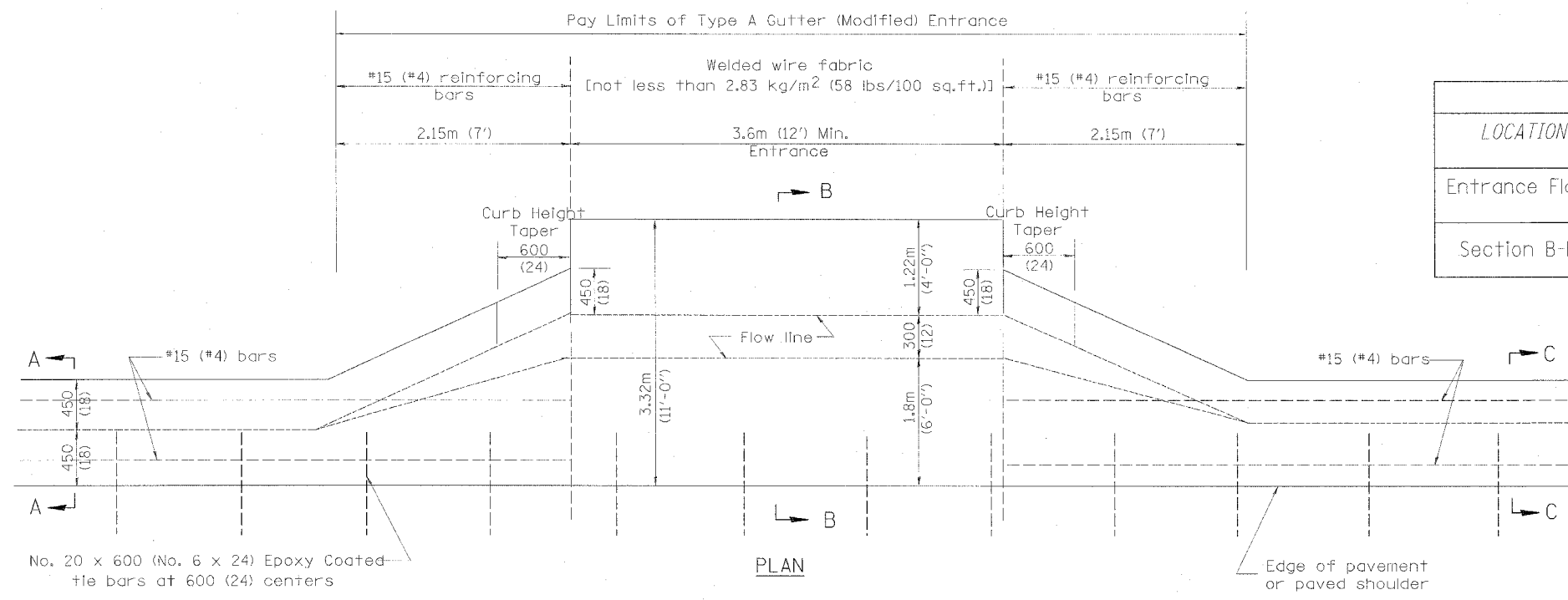
| QUANTITIES | |
|---|-------|
| CALC. BY: | DATE: |
| CHECKED BY: | DATE: |
| QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE, BUREAU OF PROJECT IMPLEMENTATION, DOCUMENTATION SECTION | |

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

| | |
|--|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| TYPE A GUTTER, (MODIFIED) (INLET, OUTLET & ENTRANCE) | |
| CADD STANDARD 606101-D4 | SHEET 2 OF 3 |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| DATE **DATE** | CHECKED BY |

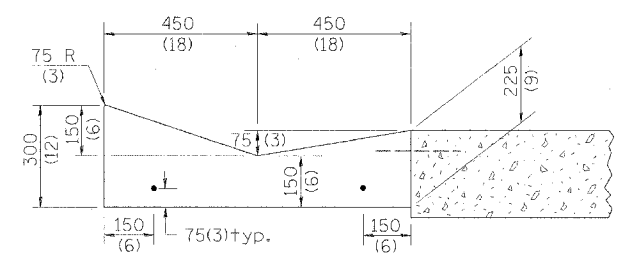
606101-D4 (2)

| | | | | |
|-----------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 623 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 4 | ILLINOIS | FED. AID PROJECT | | |

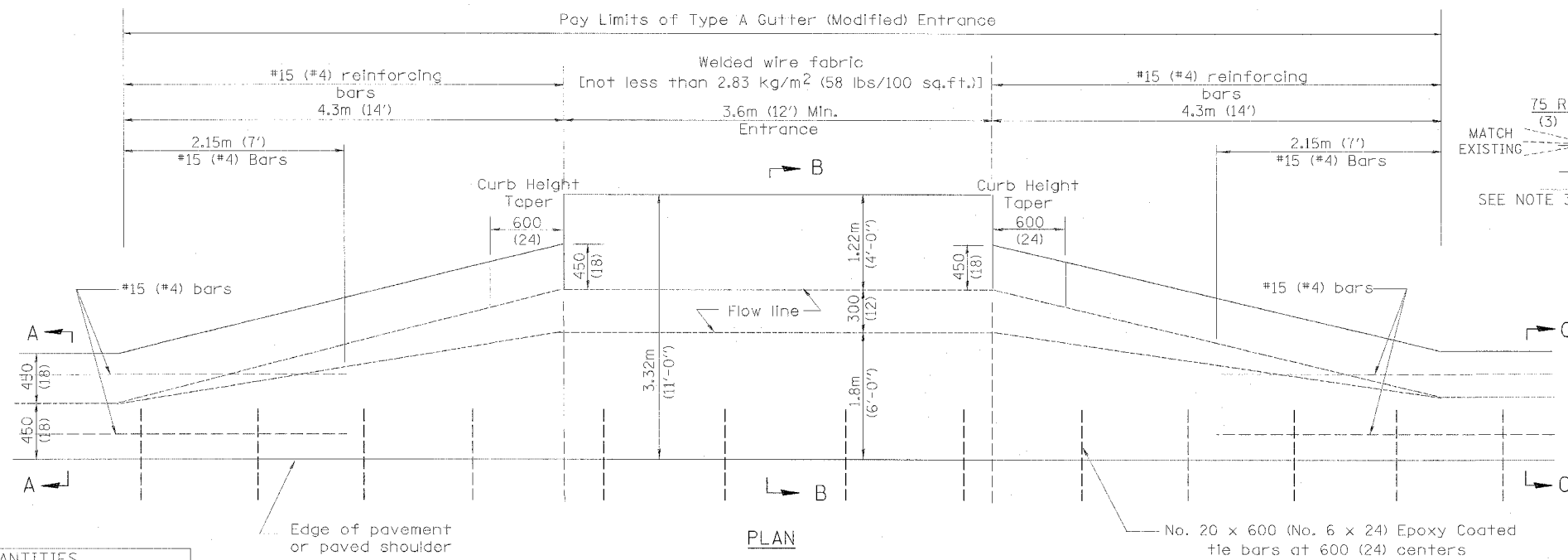


TYPICAL URBAN ENTRANCE

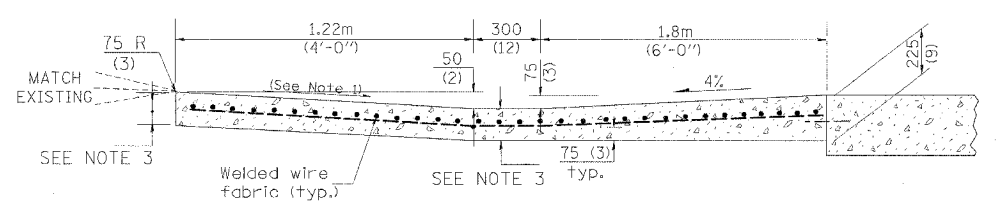
| QUANTITY CALCULATION | | | |
|----------------------|---|------------------------------------|------------------------------------|
| LOCATION | LENGTH | NON-COMMERCIAL 150 (6) | COMMERCIAL ENTRANCE 200 (8) |
| Entrance Flare | 2.15 m (7 Ft) Urban 4.30 m (14 Ft) Rural | 0.37 Cu M / M (0.15 Cu Yd / Ft) | 0.45 Cu M / M (0.18 Cu Yd / Ft) |
| Section B-B | See Plans | 0.57 Cu M / M (0.23 Cu Yd / Ft) | 0.70 Cu M / M (0.28 Cu Yd / Ft) |



SECTION A-A & C-C



TYPICAL RURAL ENTRANCE



SECTION B-B

- GENERAL NOTES:
- Slope may be increased from 4% (min.) to 6% (max.) in order to match the existing.
 - The cross-slope is to be constructed as given in the plans from back turnout to where driveway matches existing.
 - For Non-Commercial Entrances the driveway thickness shall be 150 (6). For Commercial Entrances the driveway thickness shall be 200 (8).

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

| QUANTITIES | |
|---|-------|
| CALC. BY: | DATE: |
| CHECKED BY: | DATE: |
| QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE, BUREAU OF PROJECT IMPLEMENTATION, DOCUMENTATION SECTION | |

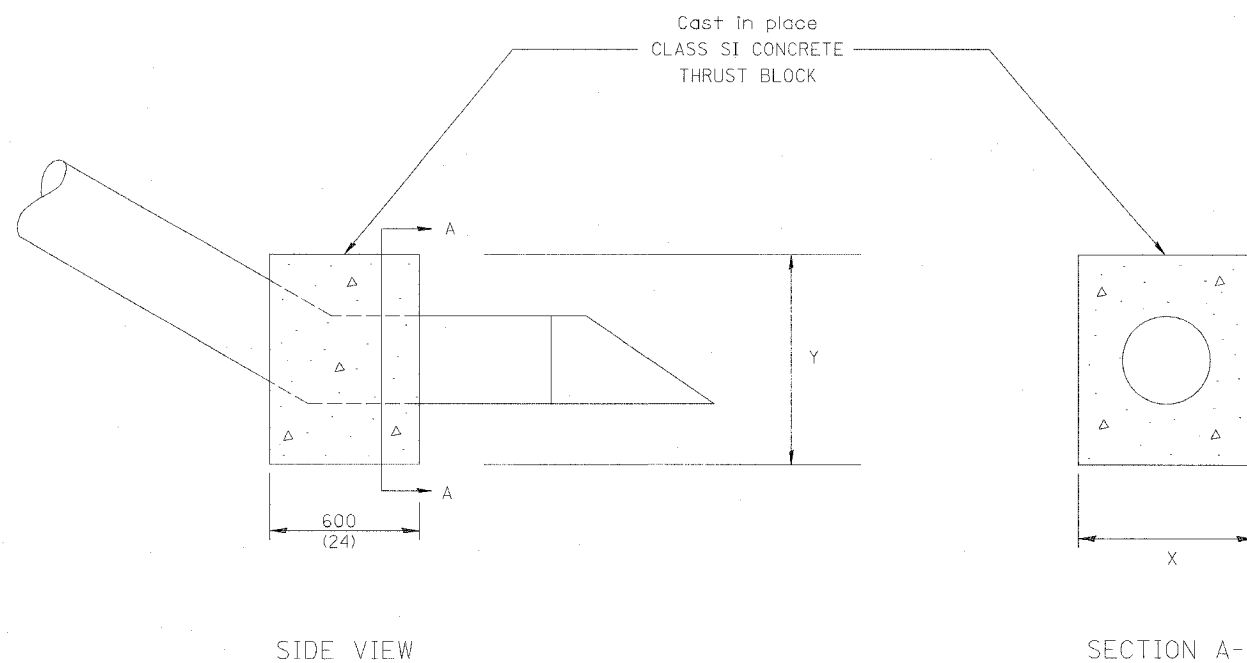
| | |
|---|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| TYPE A GUTTER, (MODIFIED) (INLET, OUTLET & ENTRANCE) | |
| CADD STANDARD 606101-D4 | SHEET 3 OF 3 |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| DATE **DATE** | CHECKED BY |

606101-D4 (3)

| | | | | |
|-----------------------|---------|-----------|------------------|-----------|
| F.A.P. R/E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1036 | 624 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |

CONCRETE THRUST BLOCK BILL OF MATERIALS

| PIPE SIZE | X | Y | CLASS SI CONCRETE m ³ (cu. yd.) |
|-----------|------------------|------------------|---|
| 300(12) | 600(24) | 600(24) | 0.2(0.2) |
| 375(15) | 675(27) | 675(27) | 0.2(0.3) |
| 450(18) | 750(30) | 750(30) | 0.2(0.3) |
| 600(24) | 900(36) | 900(36) | 0.3(0.4) |
| 750(30) | 1.07m (3'-6") | 1.07m (3'-6") | 0.6(0.8) |



The contract unit price each for CONCRETE THRUST BLOCK shall include the cost of excavation, CLASS SI CONCRETE and compacted backfill.

DESIGNER NOTES:
 1. A THRUST BLOCK SHALL BE INSTALLED WHEN THE DIFFERENCE BETWEEN THE UPSTREAM AND DOWNSTREAM INVERT ELEVATIONS EXCEEDS 900(36) AND GRADE EXCEEDS 10%.
 2. USE WITH DISTRICT CADD STANDARDS: "DITCH CHECK, IF NEEDED. DO NOT USE WITH DISTRICT CADD STANDARDS: "SLOPE DRAIN DETAILS FOR BURIED PIPE" "SLOPE DRAIN DETAILS FOR EXPOSED PIPE".

| QUANTITIES | |
|-------------------|-------------|
| CALC. BY: _____ | DATE: _____ |
| CHECKED BY: _____ | DATE: _____ |

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

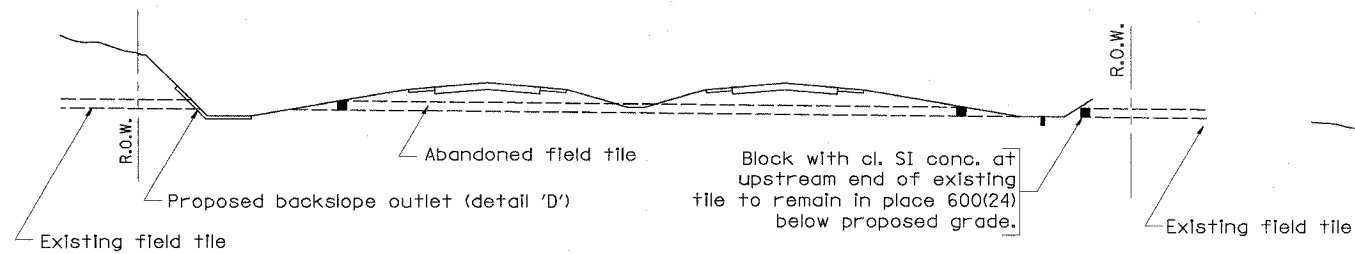
All dimensions are in millimeters (Inches) unless otherwise noted.

| | |
|---------------------------------------|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| CONCRETE THRUST BLOCKS | |
| CADD STD. NO. 609001-D4 | DRAWN BY CADD |
| SCALE: NOT DRAWN TO SCALE | CHECKED BY |
| DATE **DATE** | |

| DATE | REVISIONS | BY |
|--------|---|------|
| 1-1-97 | RENUM. J-10.04, NEW REVISION BOX, ADDED QUANTITY CALCULATION BOX. | T.P. |
| | | |
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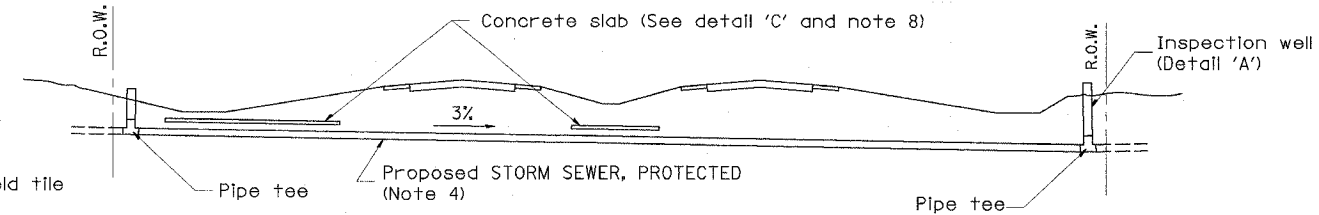
609001-D4

| | | | | |
|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 624A |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



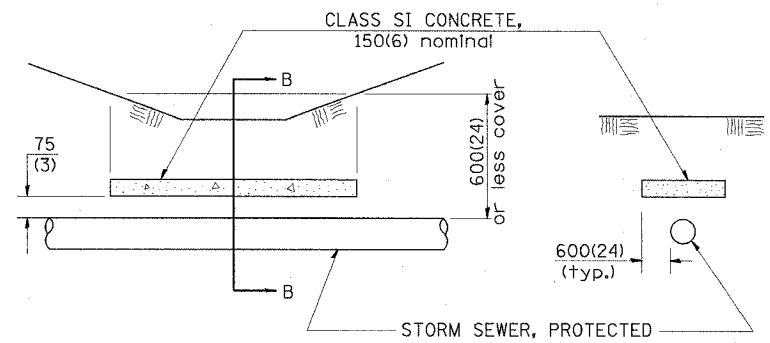
METHOD 'A'

Storm sewer flowline at 150(6) or more above proposed ditch flowline



METHOD 'B'

Storm sewers below proposed ditch flowline



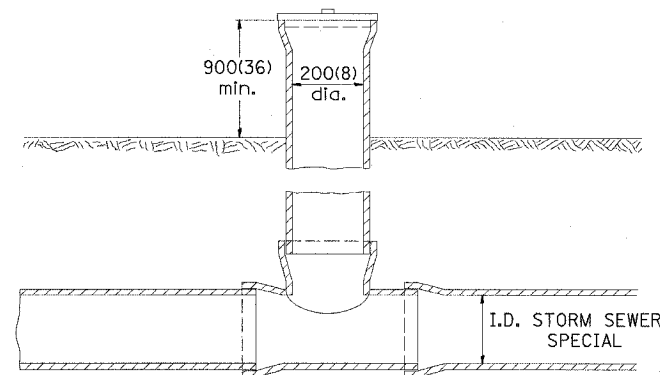
ELEVATION

SECTION B-B

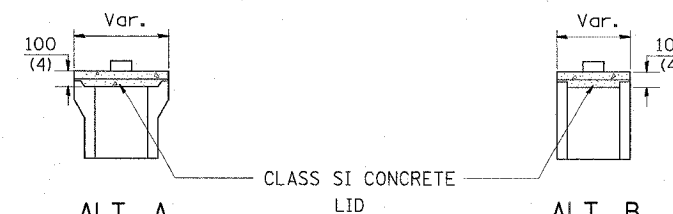
CONCRETE SLAB
Detail "C"

GENERAL NOTES:

- Method 'A' is the preferred method of installation and should be used to minimize non-essential pipe crossing under pavement. The engineer should consider adjusting ditch elevations to accommodate the field tile outletting 150(6) above the ditch flowline.
- Method 'B' shall be used only if ditch elevations cannot be adjusted to accommodate the use of method 'A'.
- Abandoned field tile shall be plugged, as directed by the engineer, cost incidental.
- Non-circular field tile shall be replaced with STORM SEWER, PROTECTED 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.
- STORM SEWER, PROTECTED 200(8) shall be used for the inspection well and riser regardless of existing tile size. PVC pipe shall not be used for inspection wells.
- Inspection wells shall be placed approximately 600(24) inside of both R.O.W. lines at the locations shown on the plans unless arrangements are made by the land acquisition unit to have the wells placed on the property owners side of the R.O.W.
- The inspection well concrete lid shall be constructed of P.C. concrete CLASS SI CONCRETE and provide with a handle shaped from a #15(*4) reinforcing bar.
- The 150(6) concrete slab shall be poured the full length of the trench at the ditch flowline locations within the right of way with less than 600(24) of earth cover P.C. CONCRETE CLASS SI shall be used.
- The existing field tile shall be connected to STORM SEWER, PROTECTED by a P.C. CONCRETE CLASS SI COLLAR as directed by the engineer.
- Applicable portion of the Special Provision for STORM SEWER, PROTECTED apply.



INSPECTION WELL
Detail "A"



INSPECTION WELL CONCRETE LID
Detail "B"

All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

STORM SEWER PROTECTED

CADD STANDARD 611001-D4
SCALE: NOT DRAWN TO SCALE
DATE: **DATE**
DRAWN BY: CADD
CHECKED BY:

| DATE | REVISIONS | BY |
|--------|---|------|
| 1-1-97 | RENUM. A-18.02, NEW REVISION BOX, REVISED TITLE BOX | T.P. |
| 6-1-97 | REVISED DRAWING AND TITLE BOX | J.A. |
| | | |
| | | |
| | | |

DESIGNER NOTES: USE THIS IN CONJUNCTION WITH SPECIAL PROVISION FOR "STORM SEWER, PROTECTED."

***DATE**

DGN-ONLY

611001-D4

DESIGNER NOTE: Use EROSION CONTROL CURB at guardrail installations where grades are equal to or greater than 1% and at inlets. (Include District Special Provision)

1. Use GUARDRAIL AGGREGATE EROSION CONTROL at guardrail installations where grades are less than 1%. (Include District Special Provision)

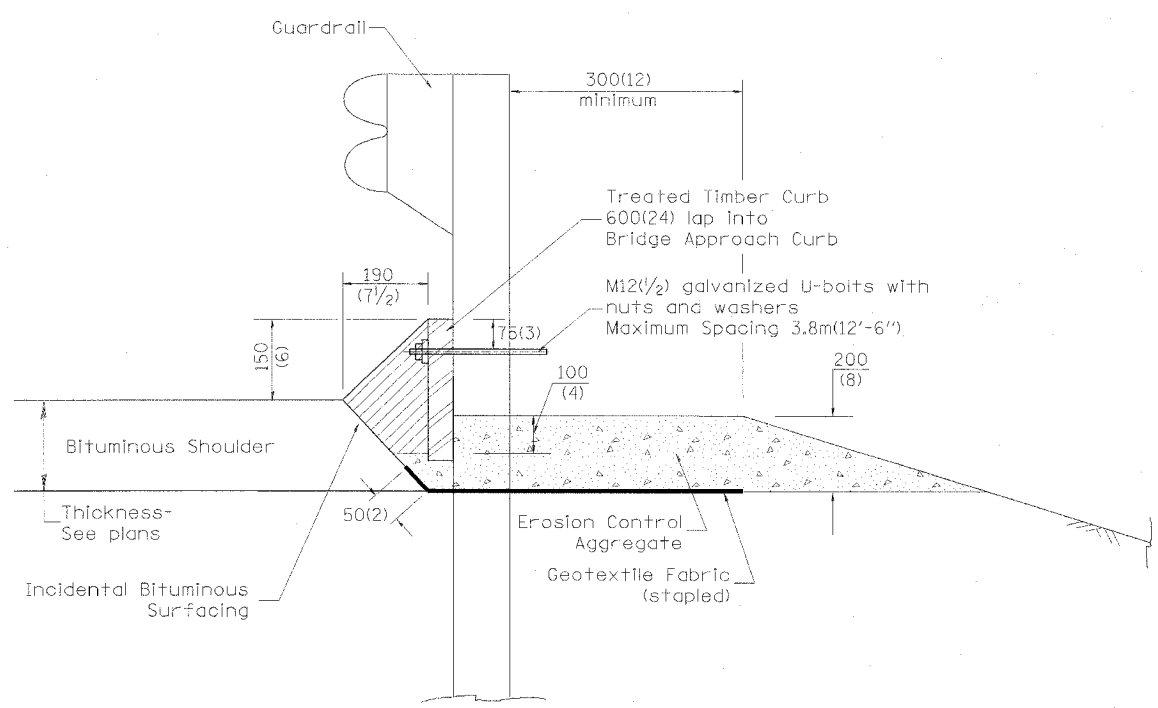
2. Include State Standards 609001, 609006 or 610001 if applicable.

3. Include the following District Cadd Standards as needed: Slope Drains for Exposed Pipes; Slope Drains for Buried Pipes; Seepage Collars for Buried Pipes;

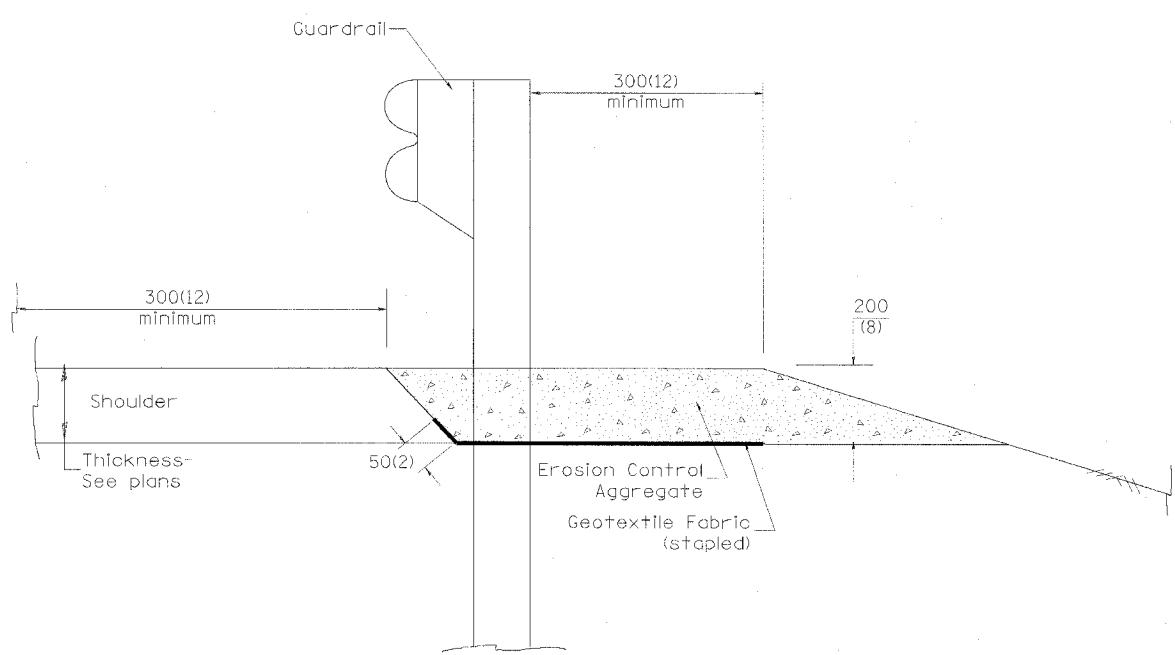
4. Seepage Collars for Exposed Pipes; Concrete Thrust Blocks and Pipe Elbow.

5. Include District Special Provision "Aggregate Quality" for projects located in the Western Area of the District - approx. dividing line is Il. 97.

| | | | | |
|-----------------------|---------|-----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 625 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: EROSION CONTROL CURB

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.
2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asa" and "oca" shall have a minimum retention of 6.4 kg/m³ (0.40 lbs./cu. ft.)

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 300(12) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.

All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

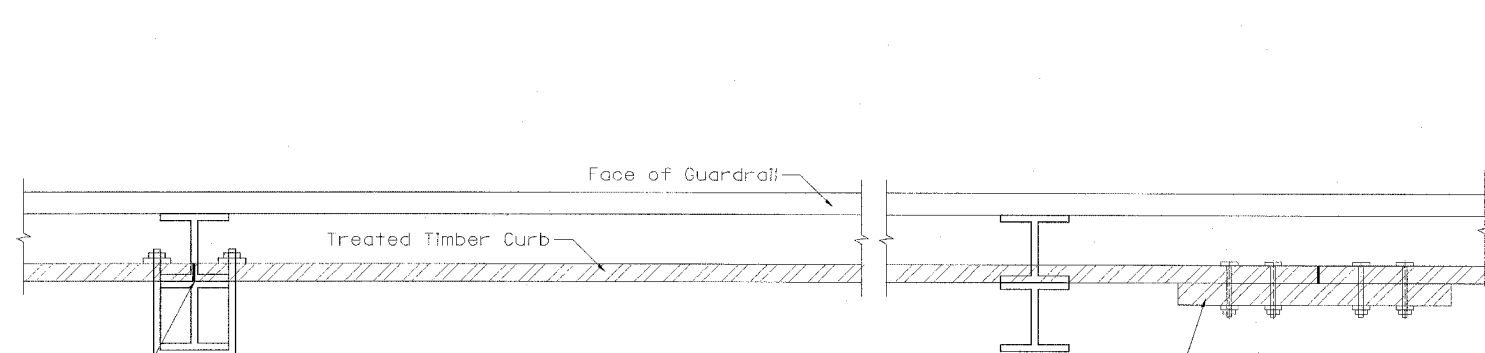
| DATE | REVISIONS | BY |
|---------|-------------------------------------|------|
| 1-1-97 | RENUM. C-22.01, NEW REVISION BOX | T.P. |
| 3-1-97 | CORRECT STD. NUMBERS IN NOTES PG. 2 | J.A. |
| 11-3-00 | CORRECTION TO NOTES | M.A. |
| | | |
| | | |
| | | |

GUARDRAIL EROSION CONTROL TREATMENTS

CADD STD NO. 630101-D4(1) SHEET 1 OF 2
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
DATE **DATE** CHECKED BY

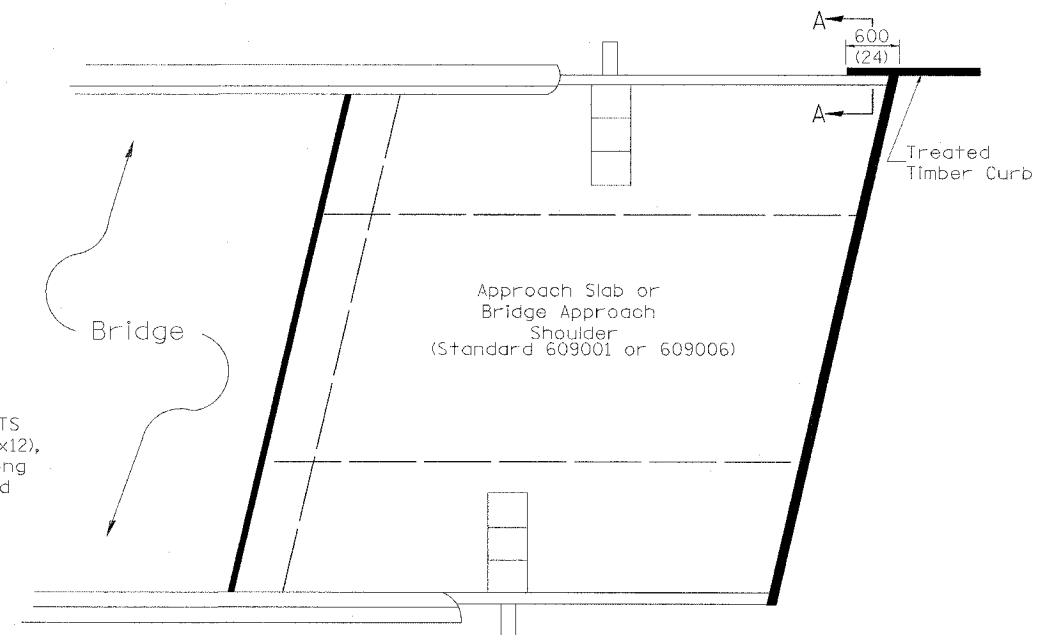
630101-D4(1)

| | | | | |
|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1036 | 626 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |

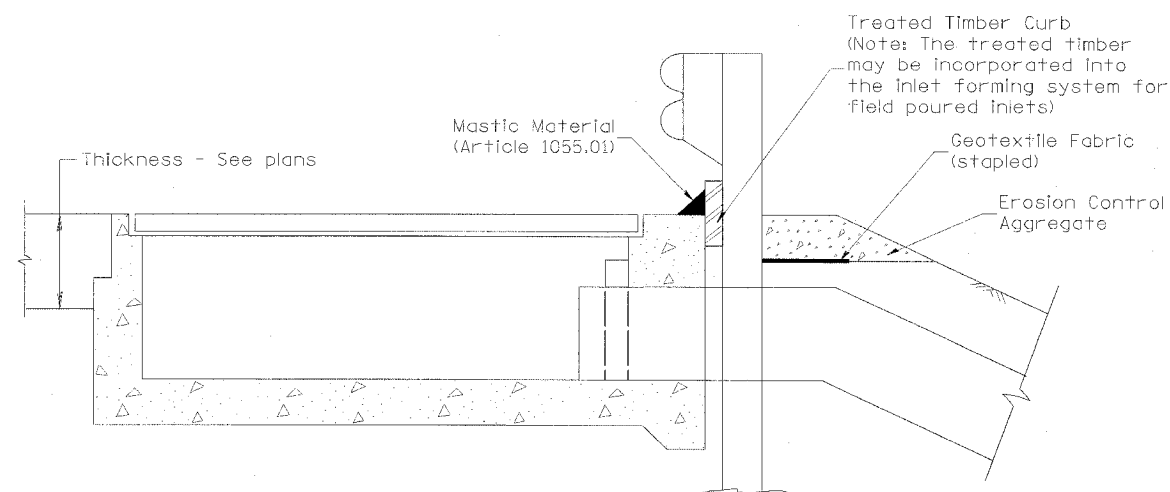


DETAIL A
(Typical Treated Timber Splices)

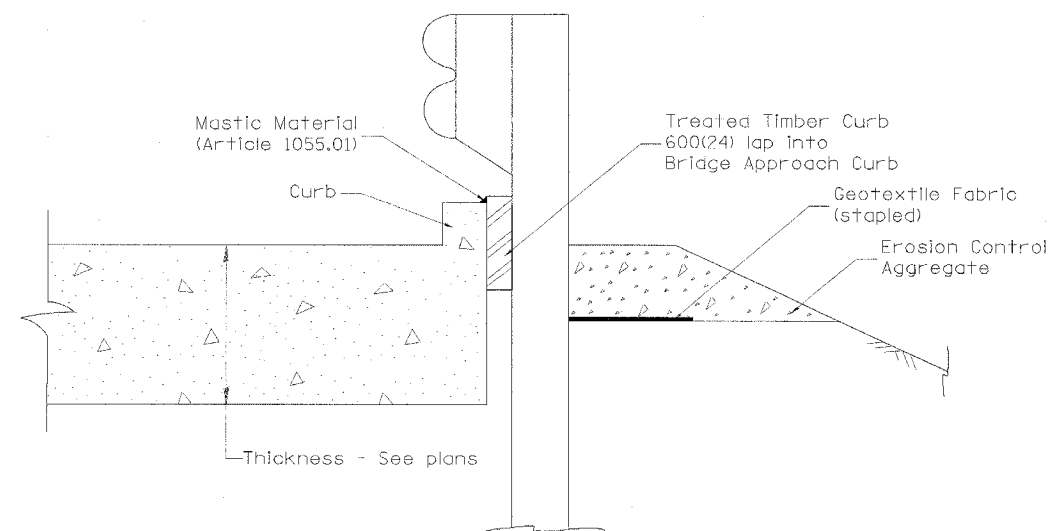
SPLICE LOCATED BETWEEN GUARDRAIL POSTS
treated timber splice plate 50x300 (2x12),
actual size 40x290 (1 1/2x11 1/2), 600(24) long
with 8 evenly spaced M12(1/2) galvanized
bolts with nuts & washers.



PLAN VIEW
APPROACH SLAB OR BRIDGE APPROACH SHOULDER
(STANDARD 609001 or 609006)



**TYPICAL SECTION WITH EROSION CONTROL CURB
AT INLETS TYPE E & F (STANDARD 610001)**



SECTION A-A
TYPICAL SECTION WITH EROSION CONTROL CURB
AT BRIDGE APPROACH CURB
(STANDARD 609001 OR 609006)

All dimensions are in millimeters
(Inches) unless otherwise noted.

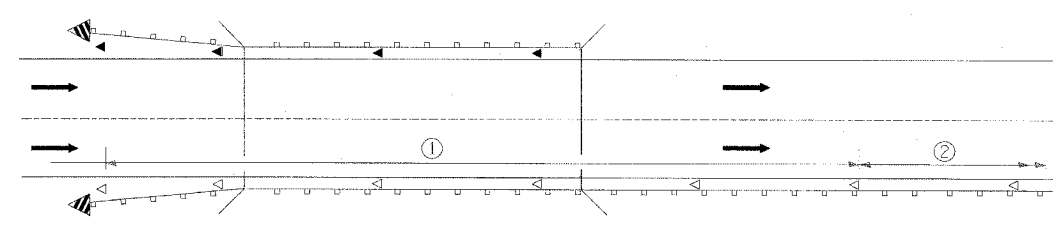
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|---------------------------------------|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| GUARDRAIL EROSION CONTROL TREATMENTS | |
| CADD STD NO. 630101-D4(2) | SHEET 2 OF 2 |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| DATE **DATE** | CHECKED BY |

630101-D4(2)

\$\$\$DATE\$\$\$

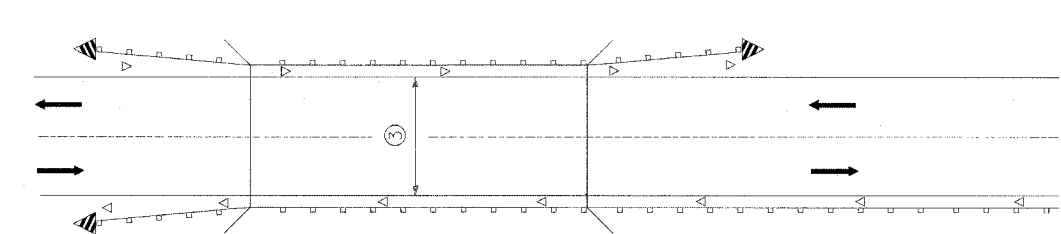
CGN-ONLY

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|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1036 | 627 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



- ① Spacing 24 m (80 ft.) max. for first 122 m (400 ft.) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).
- ② After 122 m (400 ft.), transition to normal delineator spacing shown in Standard 635001, and continue as required.

ONE-WAY TRAFFIC



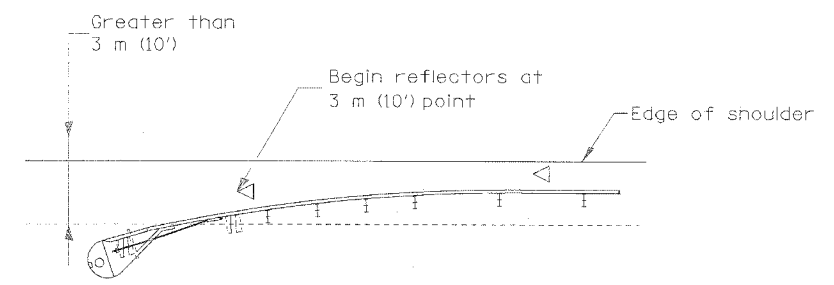
- ③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 610 (24) wider than the pavement approaching the bridge.

TWO-WAY TRAFFIC

GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS

LEGEND

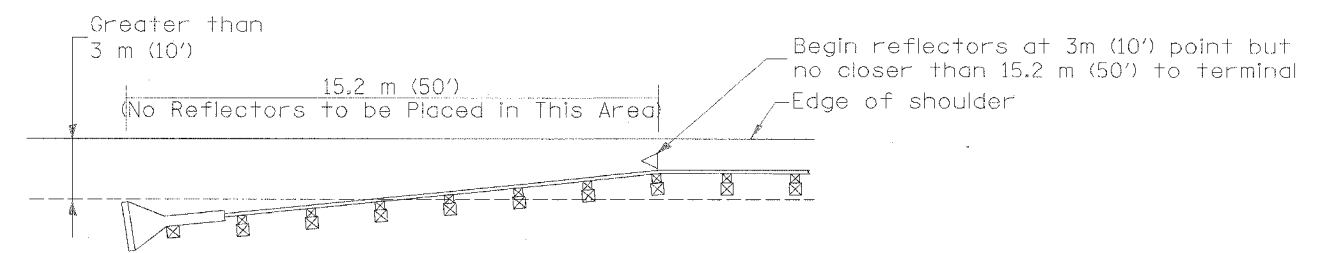
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ▩ Terminal Marker - Black/Yellow
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 3 m (10') from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

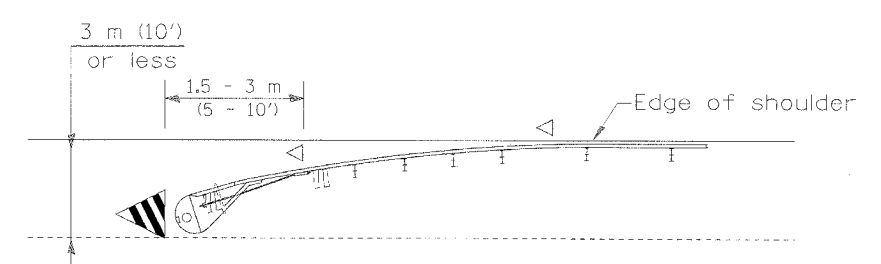
[Terminal over 3 m (10') from edge of shoulder]
*See Plans for Type



NOTE: Omit terminal marker when terminal over (10') from edge of paved shoulder or break point of unpaved shoulder.

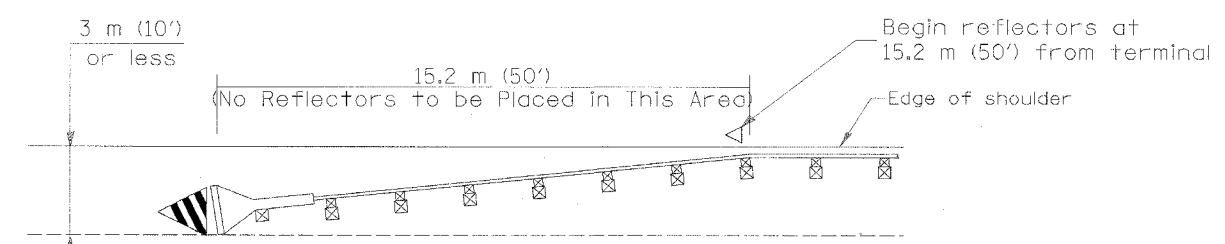
Traffic Barrier Terminal Type 1 (Special)

[Terminal over 3 m (10') from edge of shoulder]



Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 3 m (10') or less from edge of shoulder]
*See Plans for Type



Traffic Barrier Terminal Type 1(Special)

[Terminal 3 m (10') or less from edge of shoulder]

All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

GUARDRAIL AND BARRIER WALL DELINEATION

CADD STD. NO. 635101-D4 SHEET 1 OF 3
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
DATE: **DATE** CHECKED BY

| DATE | REVISIONS | BY |
|--------|----------------------------------|------|
| 1-1-97 | RENUM. E-10.02, NEW REVISION BOX | T.P. |
| 3-1-97 | CORRECT STD. SPEC. * | J.A. |
| | | |
| | | |
| | | |

TERMINAL MARKER PLACEMENT

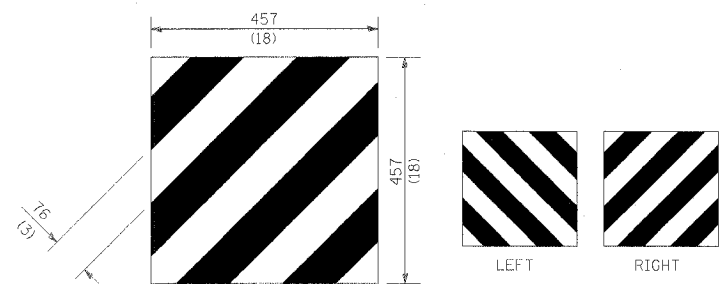
635101-D4 (1)

DESIGNER NOTE: 1. INCLUDE APPROPRIATE SPECIAL PROVISIONS FOR "GUARDRAIL DELINEATION POLICY: 1. TERMINAL MARKER, 2. TERMINAL MARK POST, AND 3. GUARDRAIL AND BARRIER WALL MARKERS." FROM INTERIM SPECIAL PROVISIONS 94-74; "GUARDRAIL AND BARRIER WALL DELINEATION." 2. IF POST MOUNT TERMINAL MARKER IS USED, INCLUDE STATE STD. T20001.

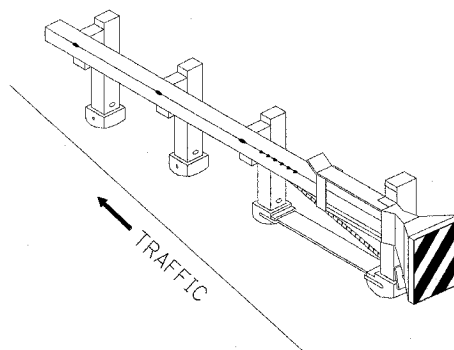
\$\$\$DATE\$\$\$

DCH-ONLY

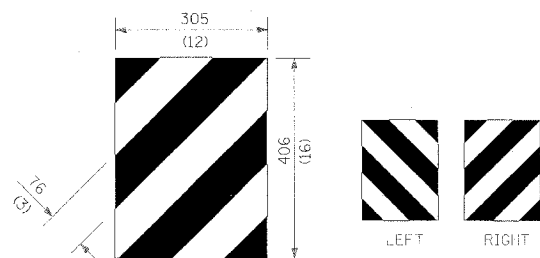
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|---------|-----------|------------------|-----------|
| 315 | 55-2 | MCDONOUGH | 1036 | 628 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |



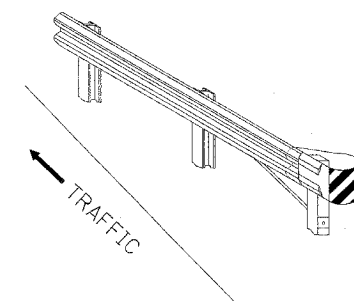
For Traffic Barrier Terminal Type 1 (Special)



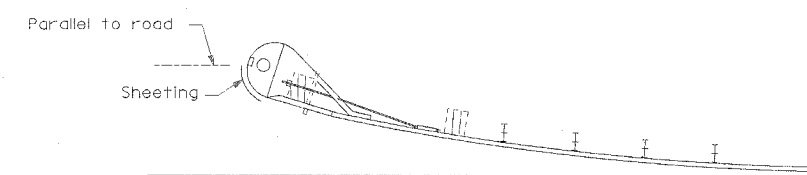
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (*)
and Post Mount
* See Plans for Type



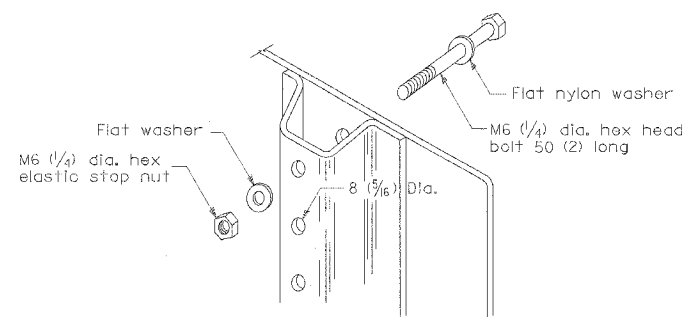
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type (*)
* See Plans for Type



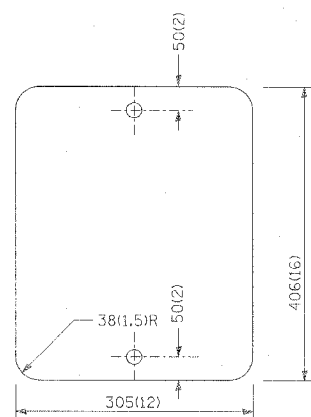
Sheeting Position for
Traffic Barrier Terminal Type (*)
* See Plans for Type

TERMINAL MARKER DETAILS

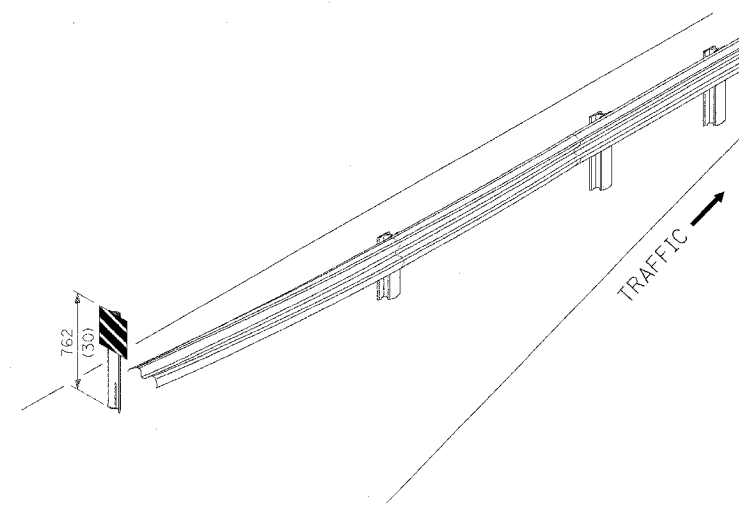
- Color: Black / Yellow reflectorized
- OM - !100 (L or R) Direct applied reflective sheeting
- OM - !200 (L or R) Post mounted



DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER



ALTERNATE TREATMENT - POST MOUNTED
(For turned-down terminal where sheeting cannot be direct applied)

TERMINAL MARKER TREATMENTS

GENERAL NOTES

All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

GUARDRAIL AND
BARRIER WALL DELINEATION

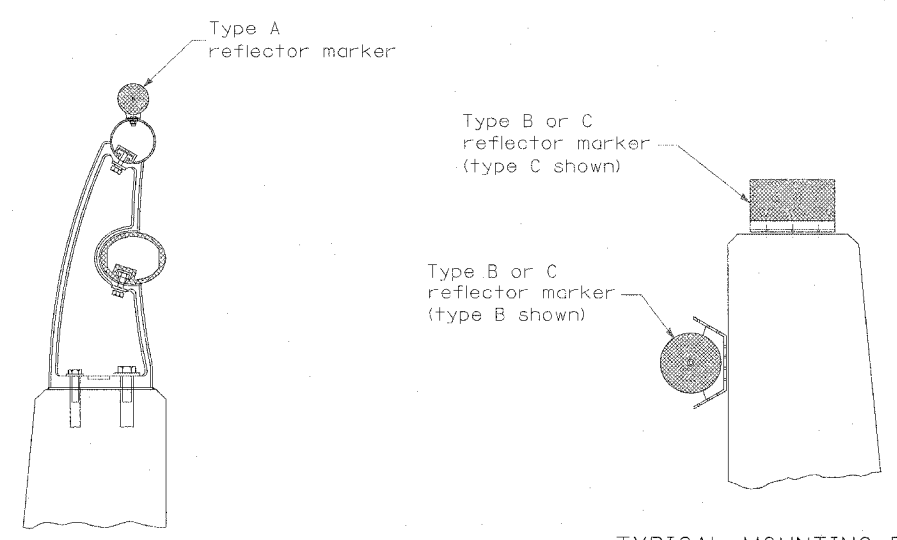
CADD STD. NO. 635101-D4 SHEET 2 OF 3
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
DATE **DATE** CHECKED BY

635101-D4 (2)

DATE**

DGN ONI Y

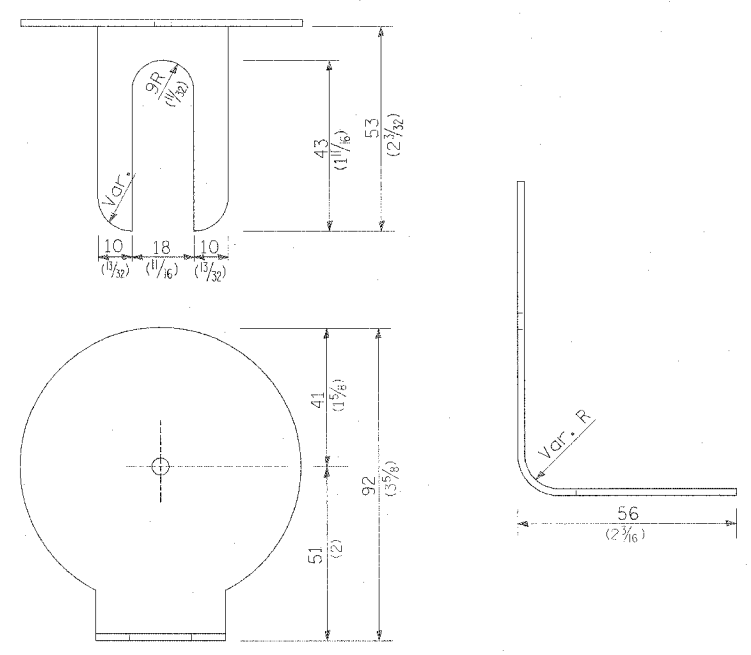
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|-----------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 629 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS FED. AID PROJECT | | |



TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR

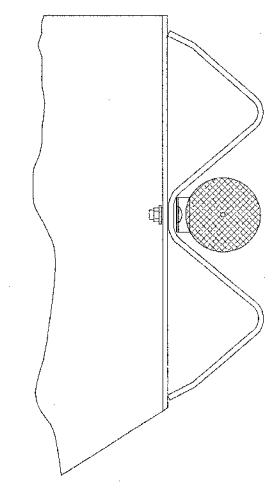
TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR

REFLECTOR MOUNTING

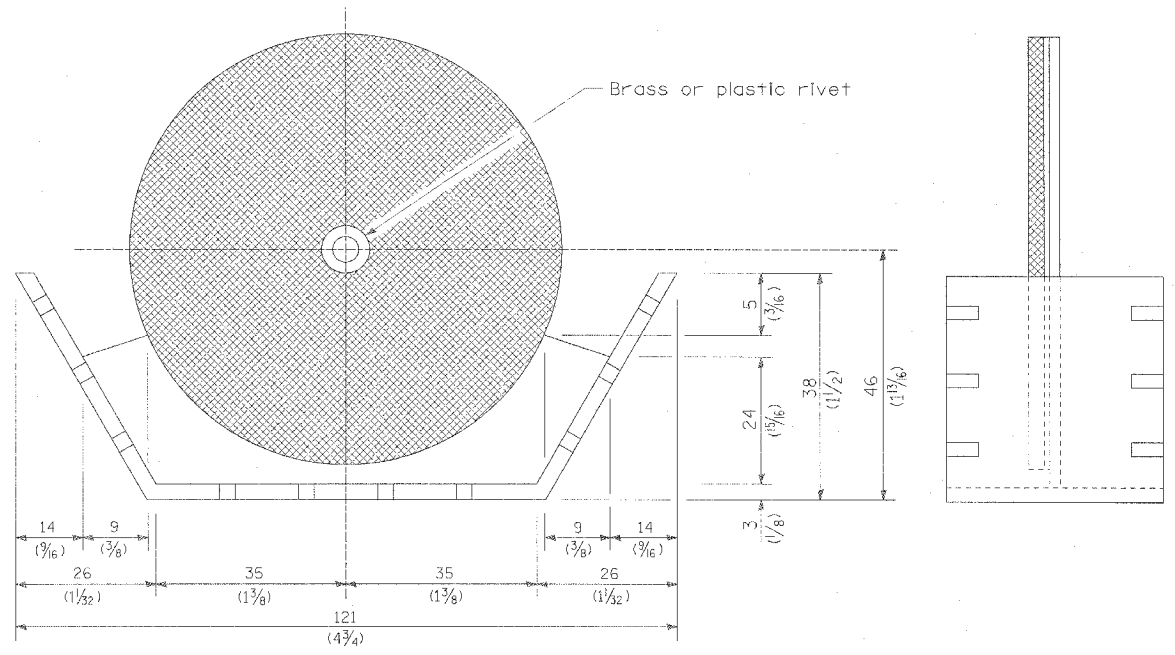
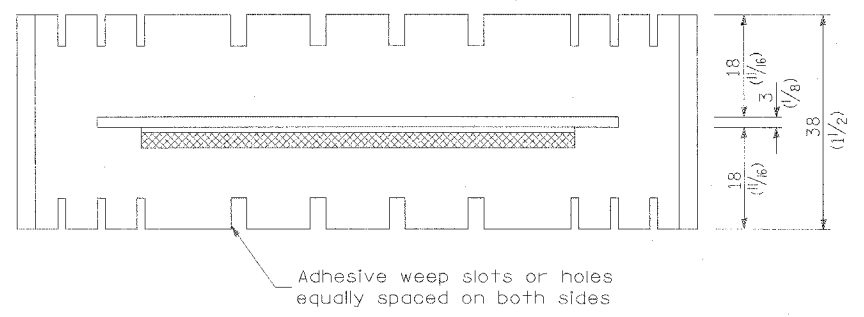


REFLECTOR MARKER TYPE A

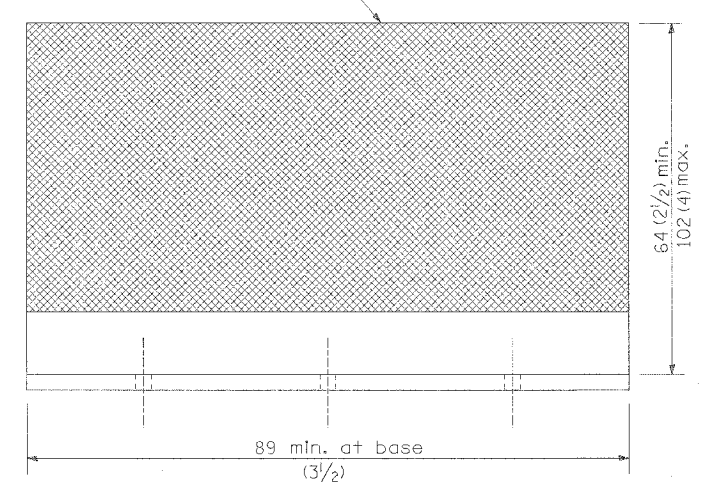
Mn. reflective area 4,194 mm² (6 1/2 Sq. in.) each side. May be rectangular or slight trapezoid.



TYPICAL GUARDRAIL MOUNTING WITH REFLECTOR MARKER TYPE A



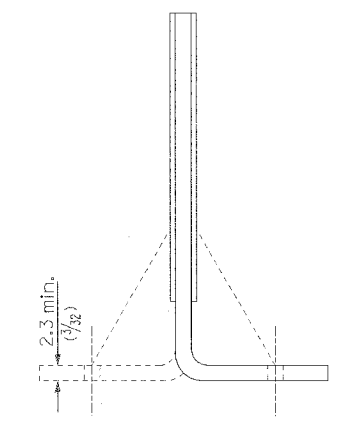
REFLECTOR MARKER TYPE B



REFLECTOR MARKER TYPE C

Minimum total area of base 4,516 mm² (7.0 Sq. in.)

3 min. adhesive weep holes or slots each side, variable spacing.



Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTORS

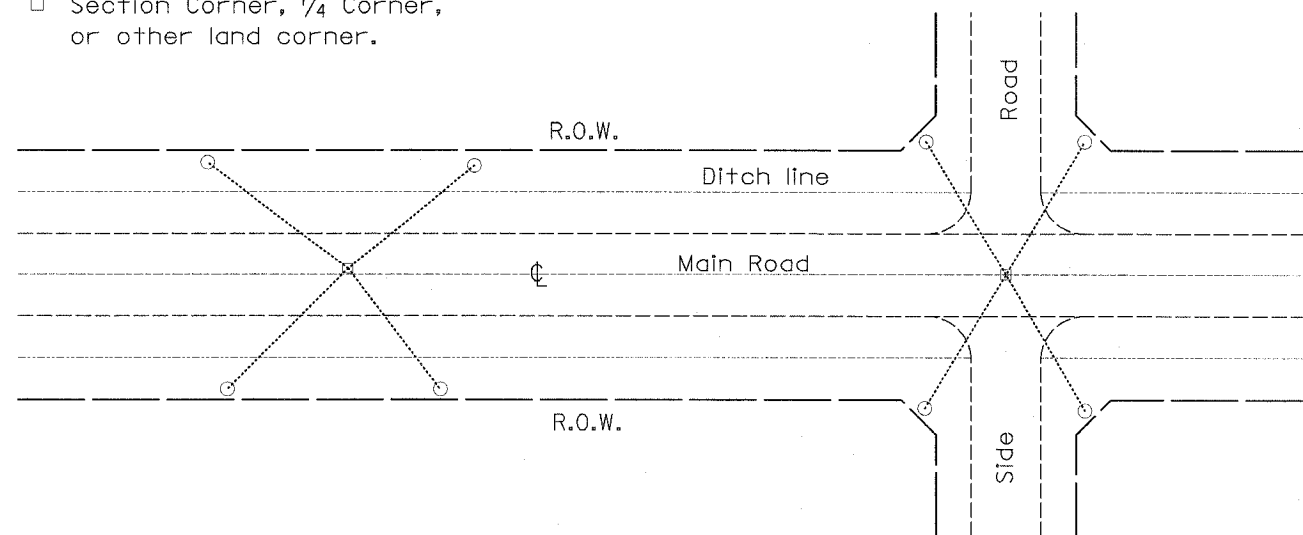
All dimensions are in millimeters (inches) unless otherwise noted.

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|--|---------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION | |
| DISTRICT CADD STANDARD | |
| GUARDRAIL AND BARRIER WALL DELINEATION | |
| CADD STD. NO. 635101-D4 | SHEET 3 OF 3 |
| SCALE: NOT DRAWN TO SCALE | DRAWN BY CADD |
| DATE **DATE** | CHECKED BY |

| | | | | |
|-----------------------|---------|-----------|------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1036 | 630 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 4 | | ILLINOIS | FED. AID PROJECT | |

PERMANENT SURVEY TIES

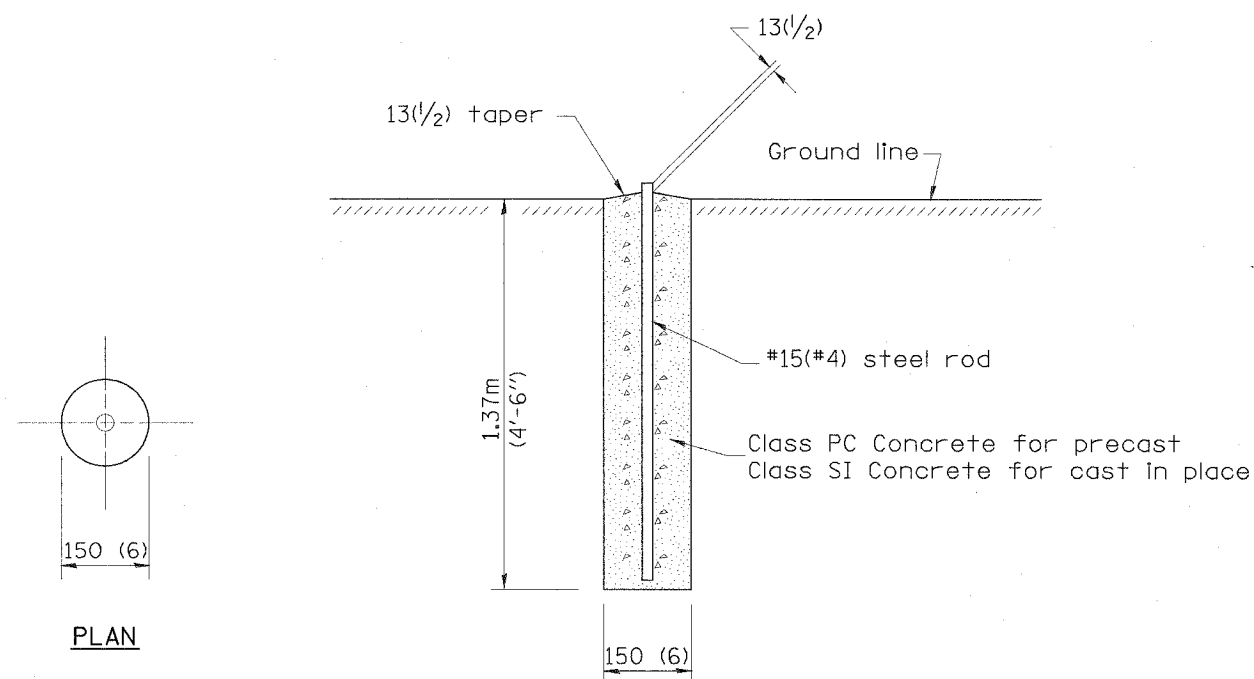
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



TYPICAL APPLICATION

GENERAL NOTES

- The marker shall be cast in place of Class SI Concrete.
- Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
- The tie distances to the section corner shall be measured and recorded by the IDOT Chief of Surveys.



SECTION

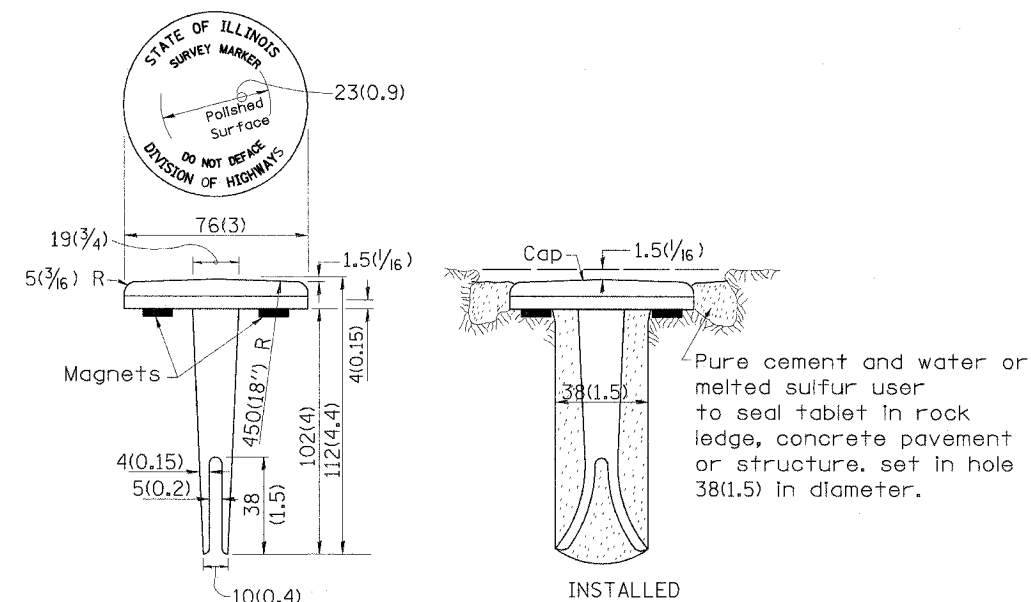
PLAN

DESIGNER NOTE:
1. ADD DISTRICT SPECIAL PROVISION.
2. MODIFIES STATE STD 667101 TO CALL FOR "BRONZE" TABLET.

\$\$\$DATE\$\$\$

DGN-ONLY

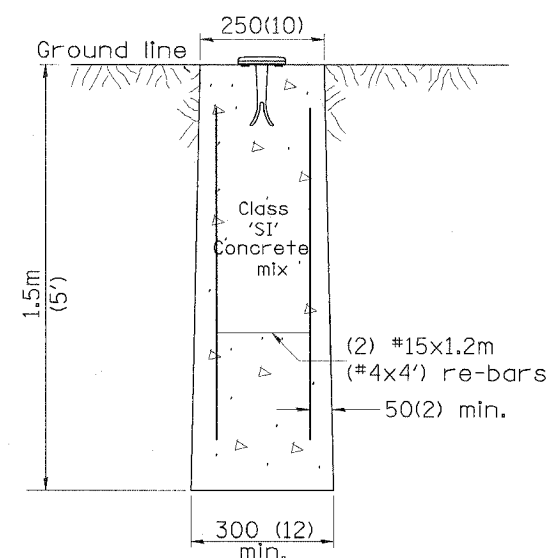
PERMANENT SURVEY MARKERS



BRONZE TABLET - No Scale
TYPE I

GENERAL NOTES

- All type II markers shall be cast in place, and precast markers will not be allowed.
- Two permanent magnets, each having a diameter of 19 (3/4) and a thickness of 6 (1/4), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
- The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s and P.C.'s of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 300m(1000').
- The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
- The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.



MARKER CAST IN PLACE
TYPE II

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

ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT CADD STANDARD

PERMANENT SURVEY TIE

&
PERMANENT SURVEY MARKERS TY.I - TY.II

CADD STD. NO. 667101-D4

SCALE: NOT DRAWN TO SCALE

DATE \$\$\$DATE\$\$\$

DRAWN BY CADD

CHECKED BY

| DATE | REVISIONS | BY |
|--------|---|------|
| 1-1-97 | RENUM. D-3.01, NEW REVISION BOX ADD DESIGNER NOTE, REVISED TITLE BOX | T.P. |
| 7-7-98 | ADD DESIGNER NOTE | J.A. |
| | | |
| | | |
| | | |

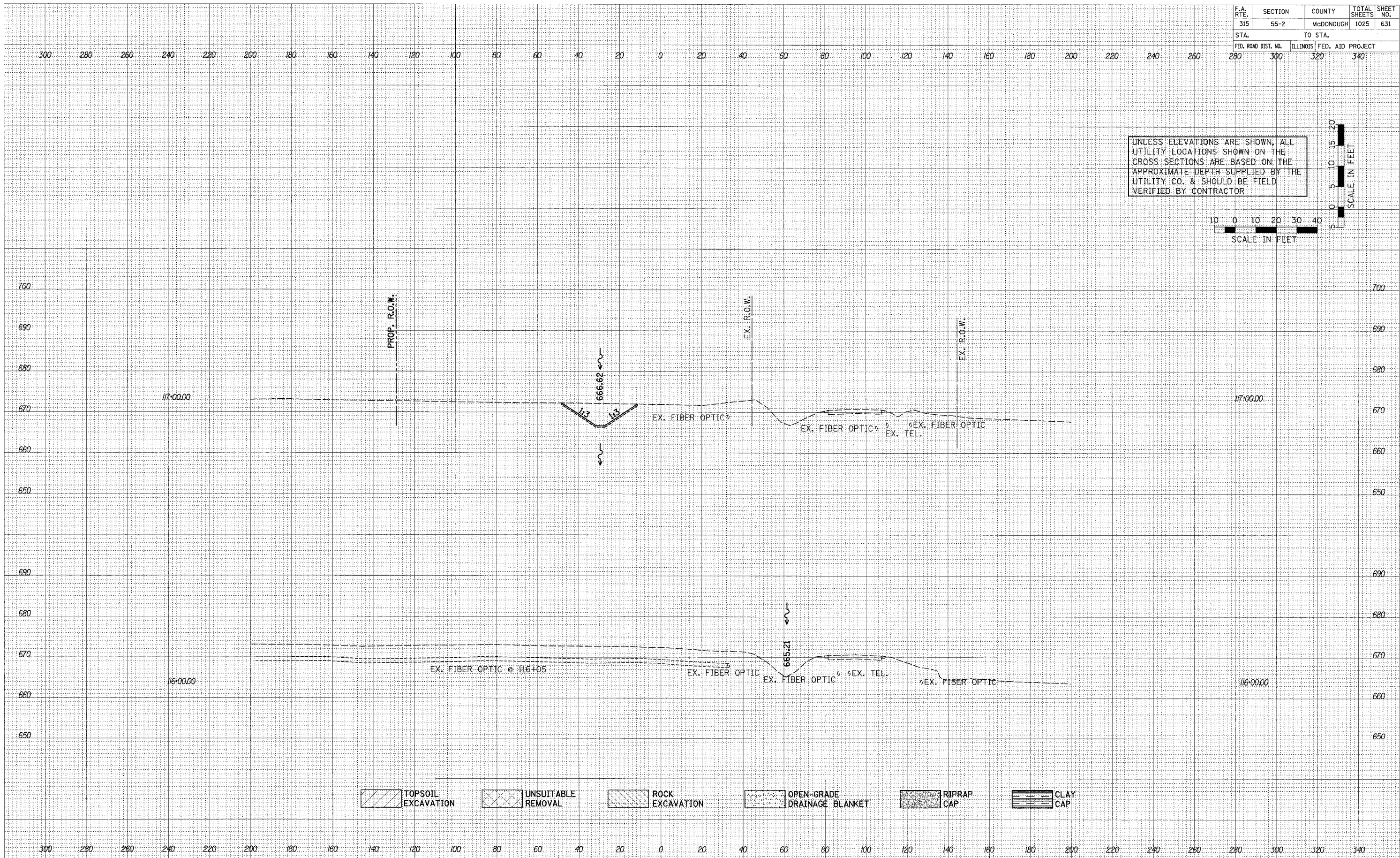
667101-D4

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|---------|------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 631 |
| STA. 280 | | TO STA. 340 | | |
| FED. ROAD DIST. NO. ILLINOIS | | FED. AID PROJECT | | |

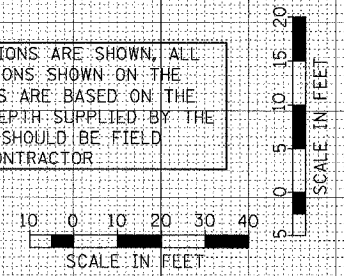
| | | |
|---------------|----|------|
| FINAL SURVEY | BY | DATE |
| SURVEYED | | |
| PLOTTED | | |
| TEMPLATE | | |
| NOTE BOOK | | |
| AREAS CHECKED | | |
| NO. | | |

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

PLOT DATE: #DATE#
 PLOT SCALE: #SCALE#
 USER NAME: #USER#



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR

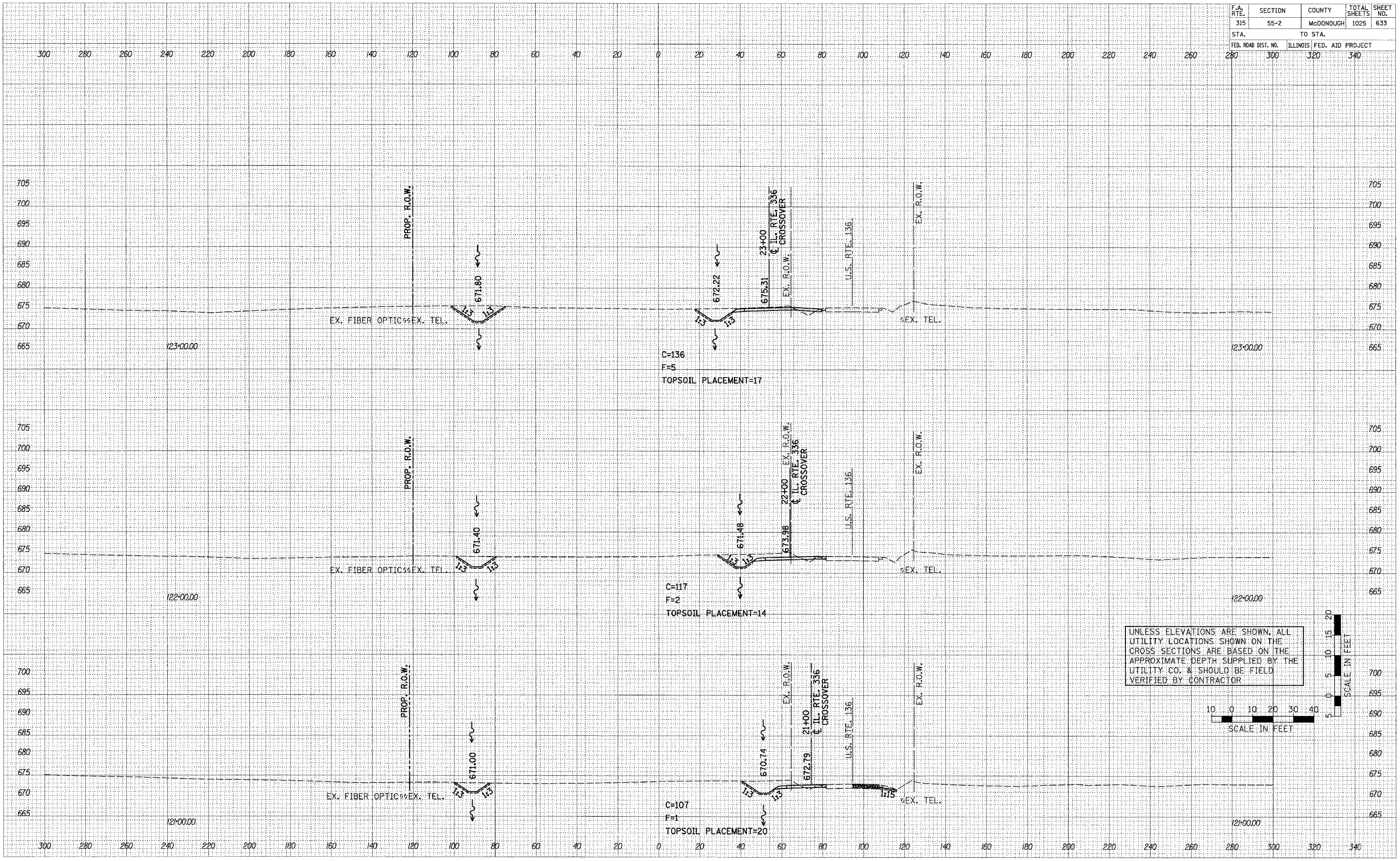


| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 633 |
| STA. 280 TO STA. 340 | | ILLINOIS FED. AID PROJECT | | |

| | |
|---------------|------|
| BY | DATE |
| SURVEYED | |
| PLOTTED | |
| NOTE BOOK | |
| AREAS CHECKED | |

| | |
|---------------|------|
| BY | DATE |
| SURVEYED | |
| PLOTTED | |
| NOTE BOOK | |
| AREAS CHECKED | |

| | | |
|-------|--------|-------|
| #DATE | #SCALE | #USER |
| | | |
| | | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR

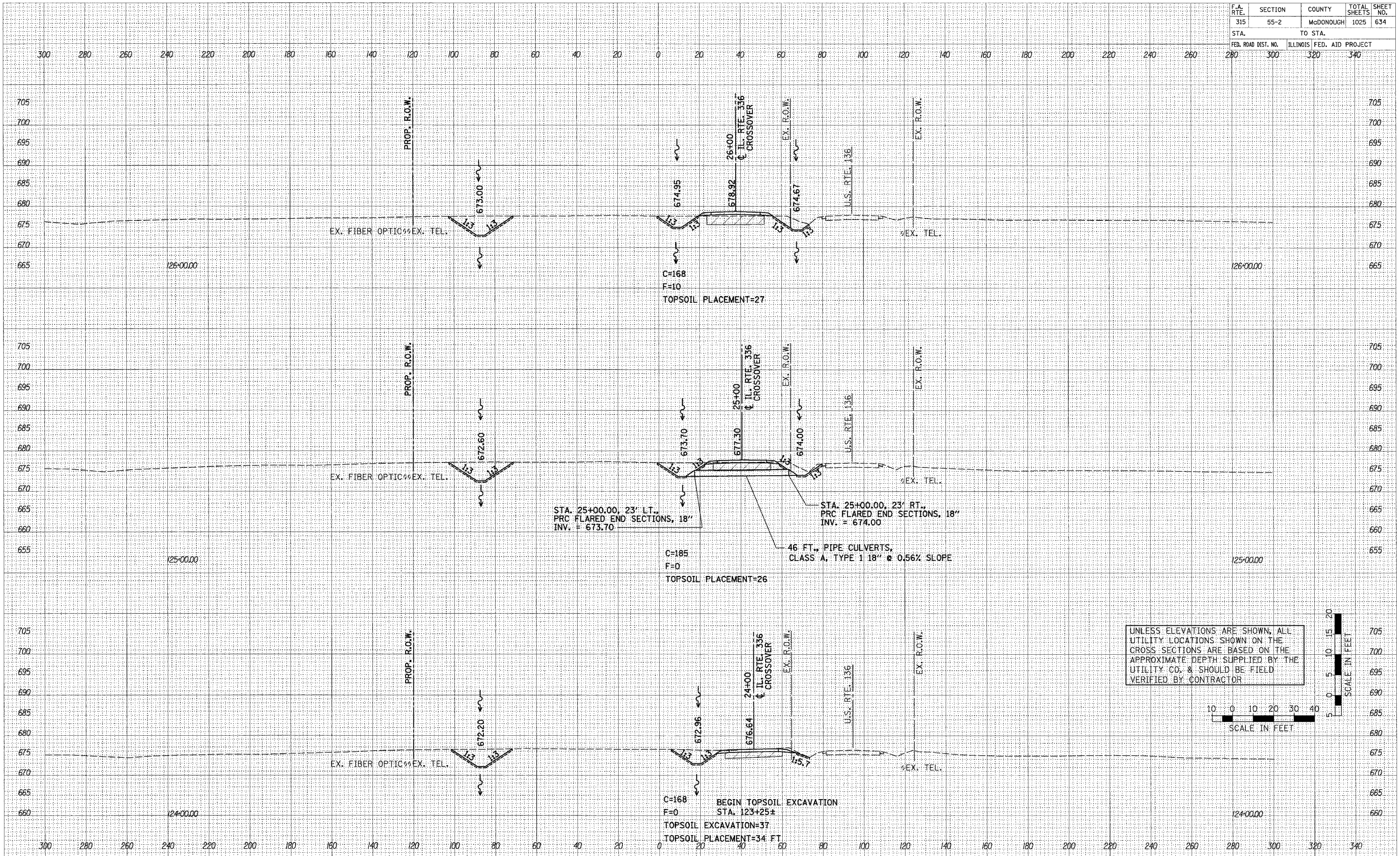


| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 634 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

| DATE | BY |
|------|----|
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| DATE | BY |
|------|----|
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PLOT DATE = #DATE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR

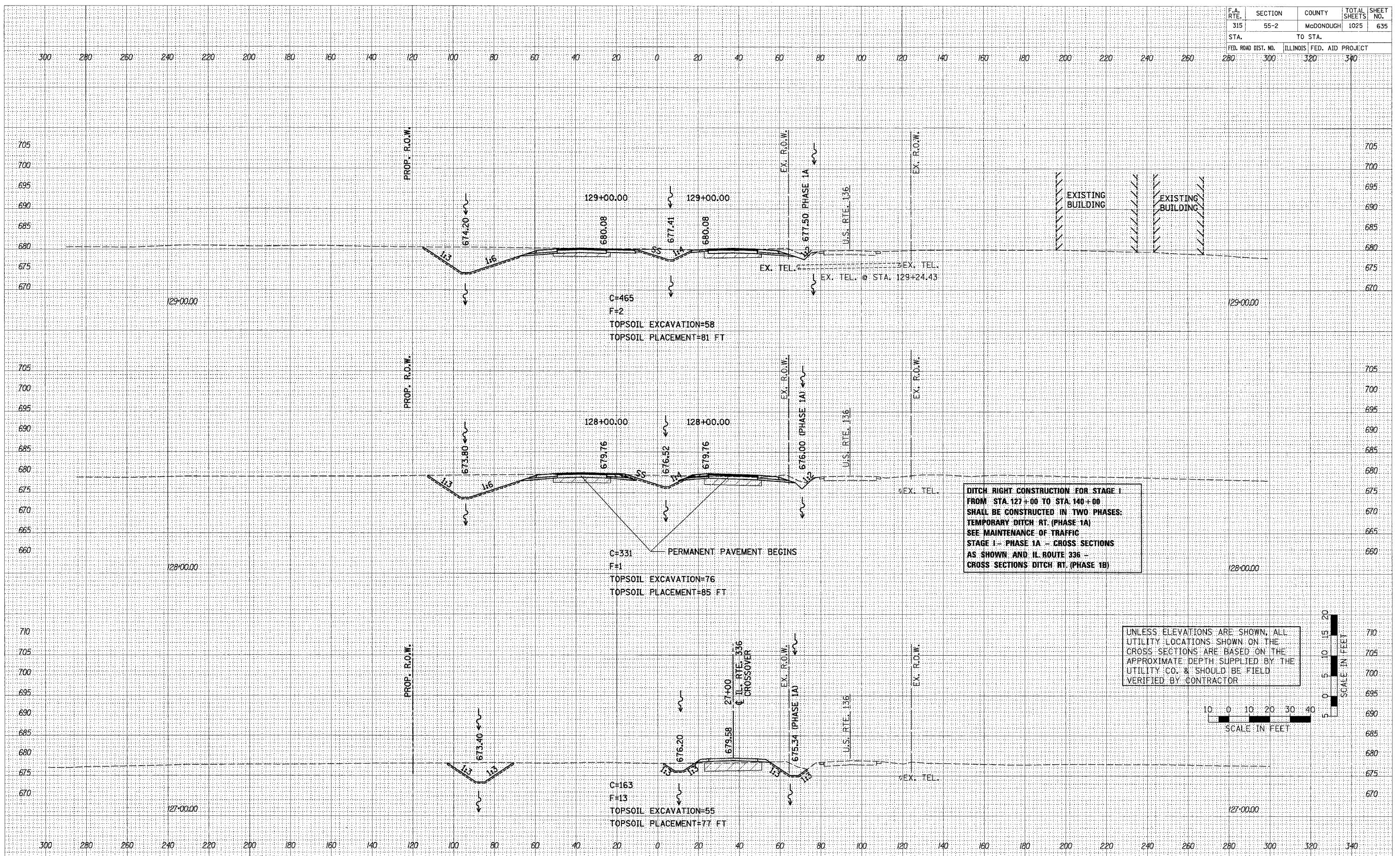


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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 635 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

| | |
|--------------|------|
| FINAL SURVEY | DATE |
| BY | |
| NO. | |

| | |
|-----------------|------|
| ORIGINAL SURVEY | DATE |
| BY | |
| NO. | |

PLOT DATE: # DATE
 PLOT SCALE: # SCALE
 USER NAME: # USER#



DITCH RIGHT CONSTRUCTION FOR STAGE I FROM STA. 127+00 TO STA. 140+00 SHALL BE CONSTRUCTED IN TWO PHASES: TEMPORARY DITCH RT. (PHASE 1A) SEE MAINTENANCE OF TRAFFIC STAGE I - PHASE 1A - CROSS SECTIONS AS SHOWN AND U.S. ROUTE 336 - CROSS SECTIONS DITCH RT. (PHASE 1B)

UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR

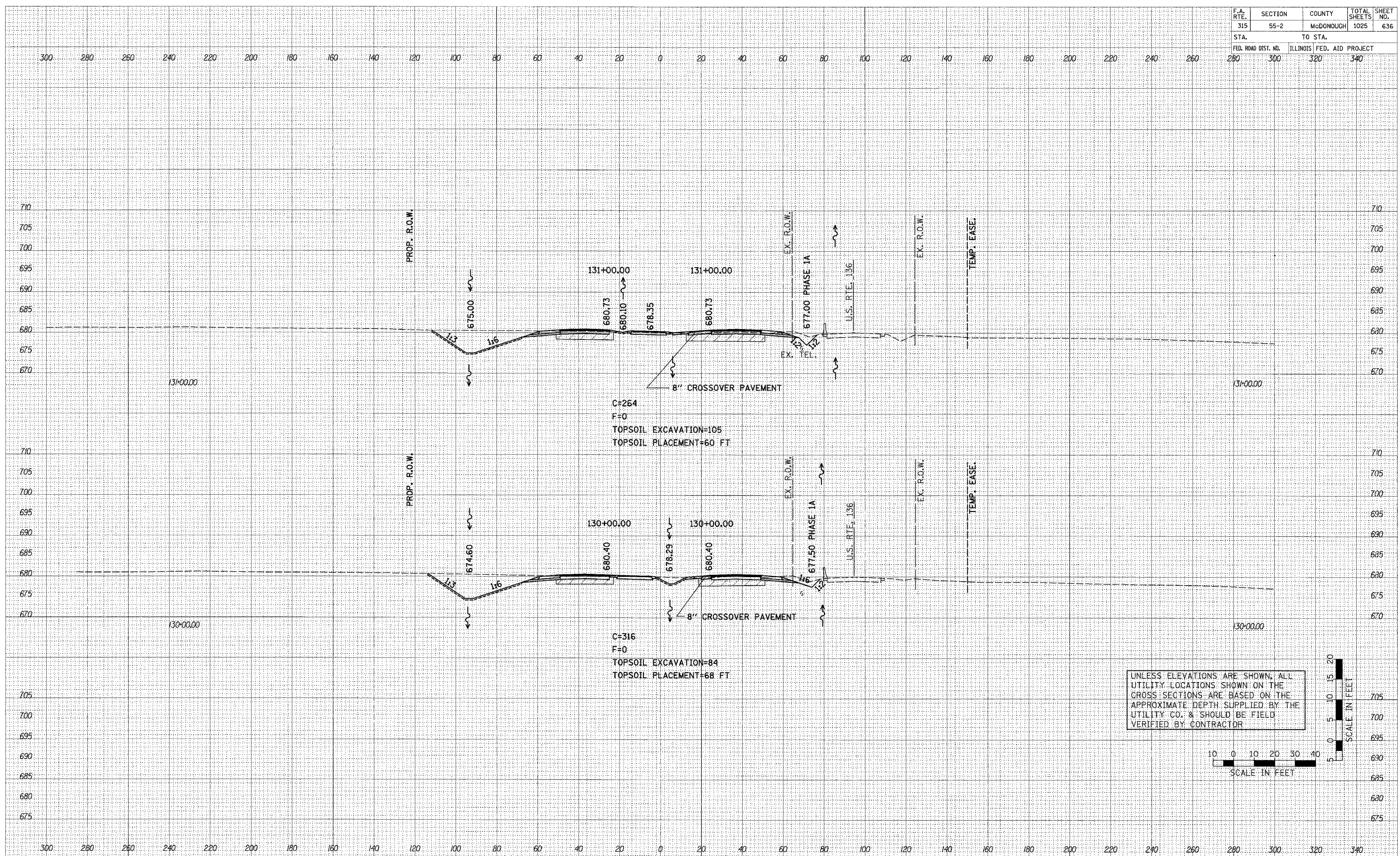
SCALE IN FEET

| | | | | |
|---------------------|----------|------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 636 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
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| FINAL SURVEY | SURVEYED | BY | DATE |
| NO. | PLOTTED | | |
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| | AREAS | | |
| | CHECKED | | |

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

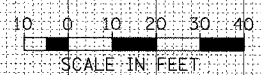
PLOT DATE = #DATE#
 FILE NAME = #FILE#
 USER NAME = #USER#



C=254
 F=0
 TOPSOIL EXCAVATION=105
 TOPSOIL PLACEMENT=60 FT

C=316
 F=0
 TOPSOIL EXCAVATION=84
 TOPSOIL PLACEMENT=68 FT

UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



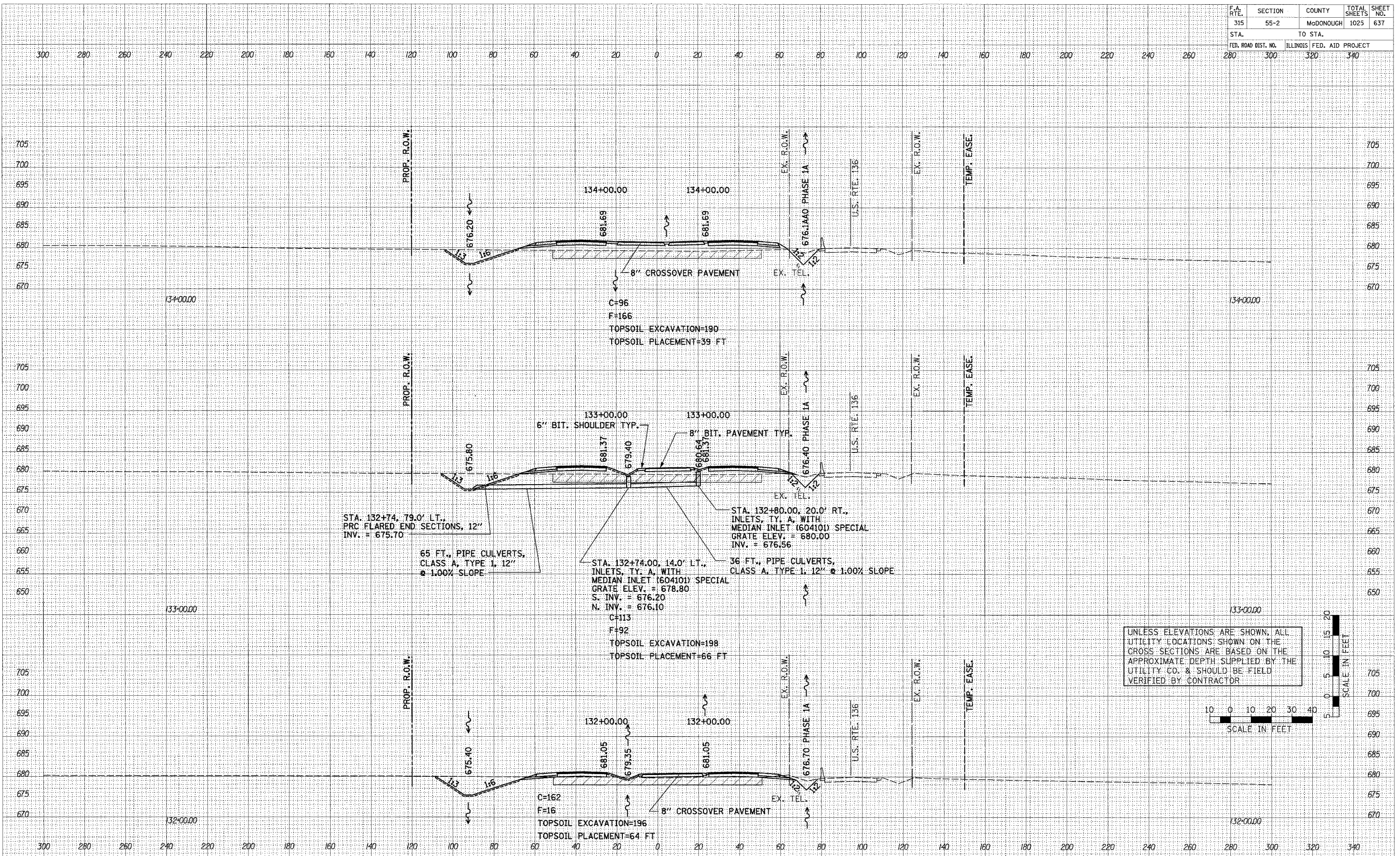
MAINTENANCE OF TRAFFIC - STAGE I - PHASE 1A - CROSS SECTIONS - FAP 315 (ILL ROUTE 336)

| | | | | |
|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 637 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

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| DATE | BY |
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| SURVEYED | PLOTTED |
| NOTE BOOK | AREAS CHECKED |
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| DATE | BY |
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| NOTE BOOK | AREAS CHECKED |
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| DATE | SCALE |
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| USER NAME | SCALE |
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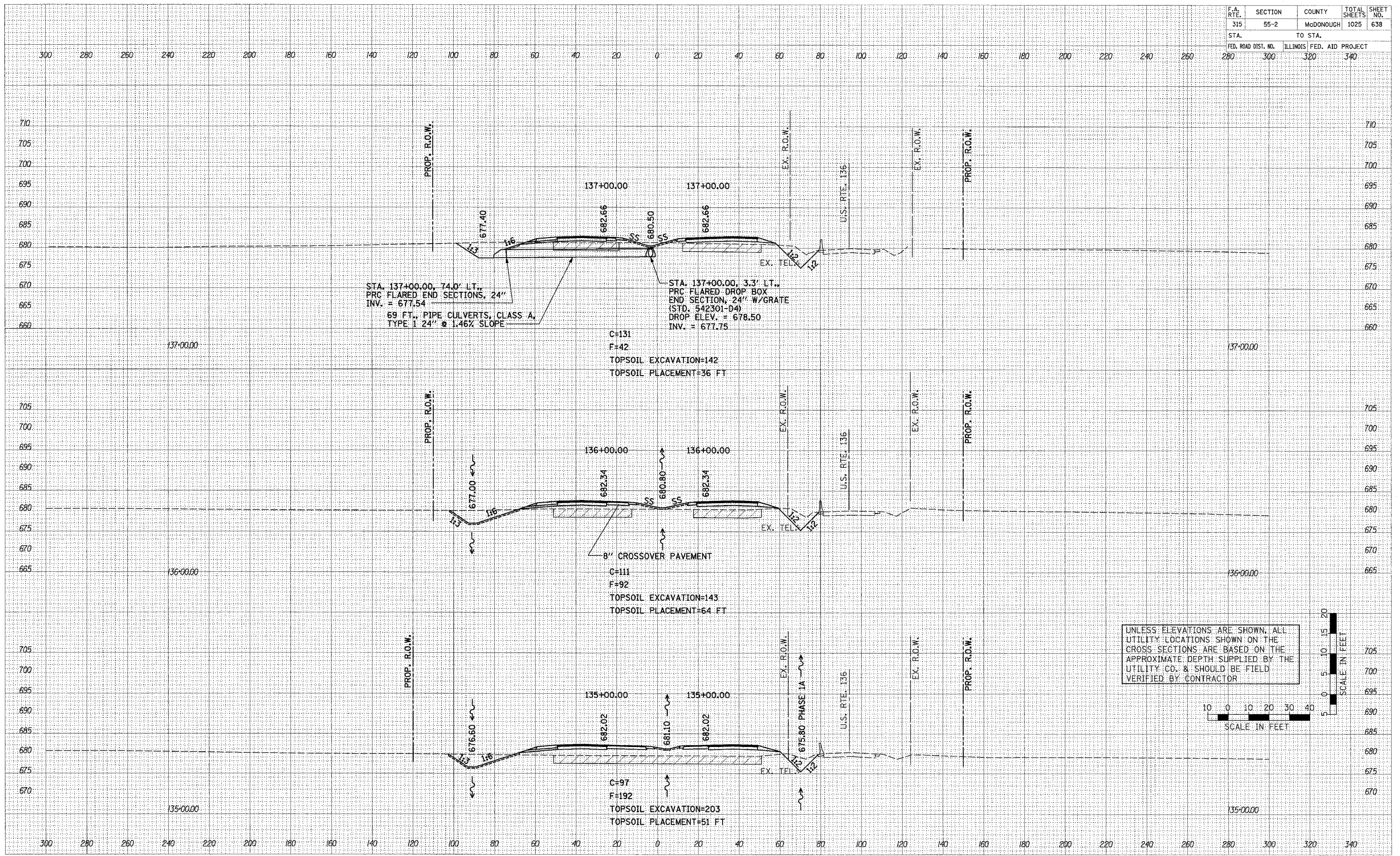
MAINTENANCE OF TRAFFIC - STAGE I - PHASE 1A - CROSS SECTIONS - FAP 315 (ILL ROUTE 336)

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | MCDONOUGH | 1025 | 638 |
| STA. 280 TO STA. 340 | | ILLINOIS FED. AID PROJECT | | |

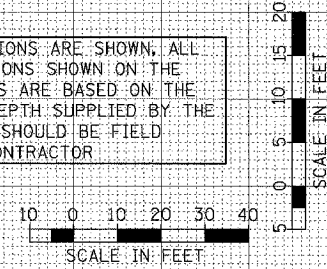
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| DATE | BY |
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PLOT DATE = 04/26/08
FILE NAME = ILL136
USER NAME = MUSER



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR

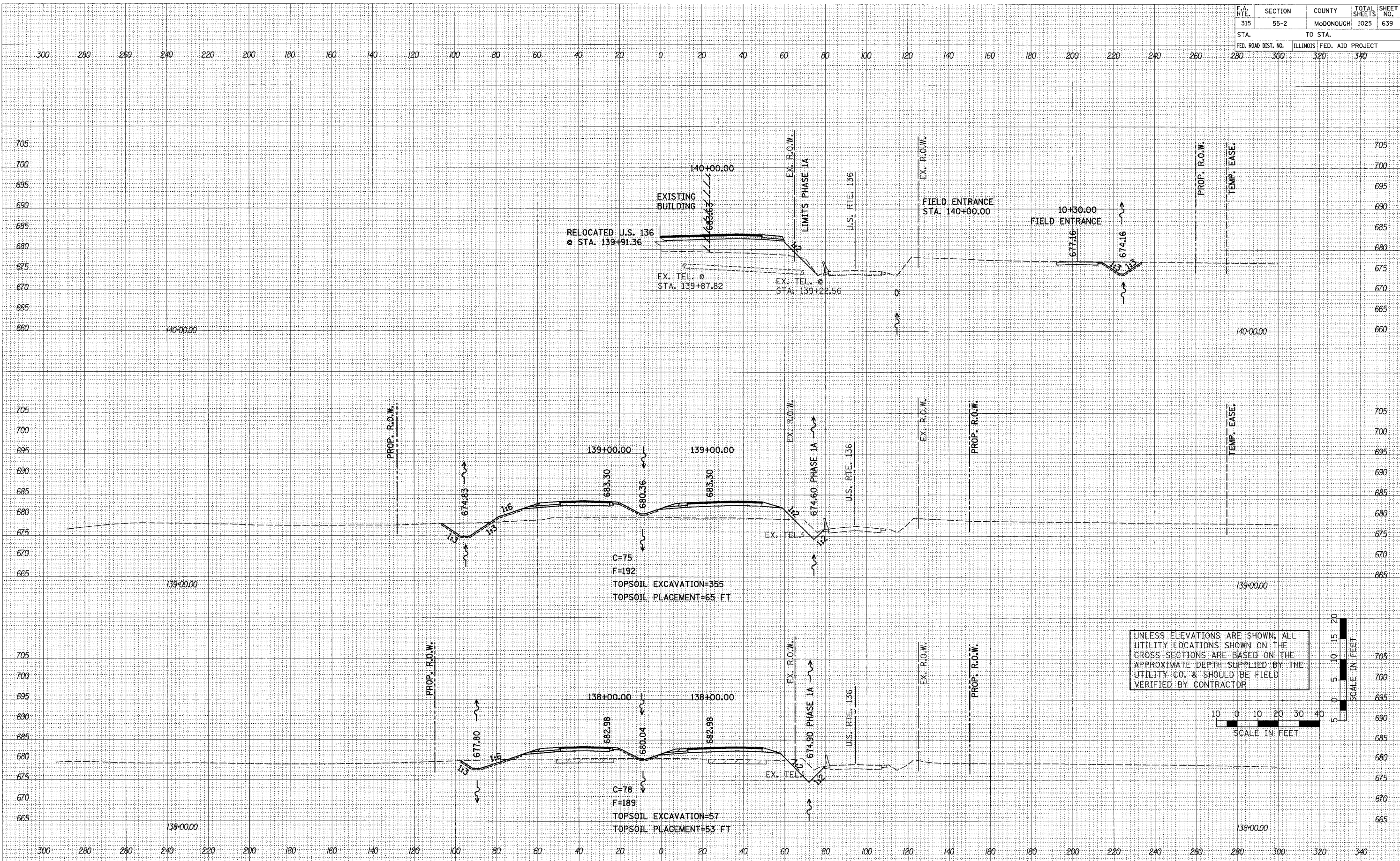


| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 639 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

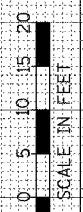
| DATE | BY |
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| DATE | BY |
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PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 640 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | DATE |
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| NOTE BOOK | |
| AREAS CHECKED | |

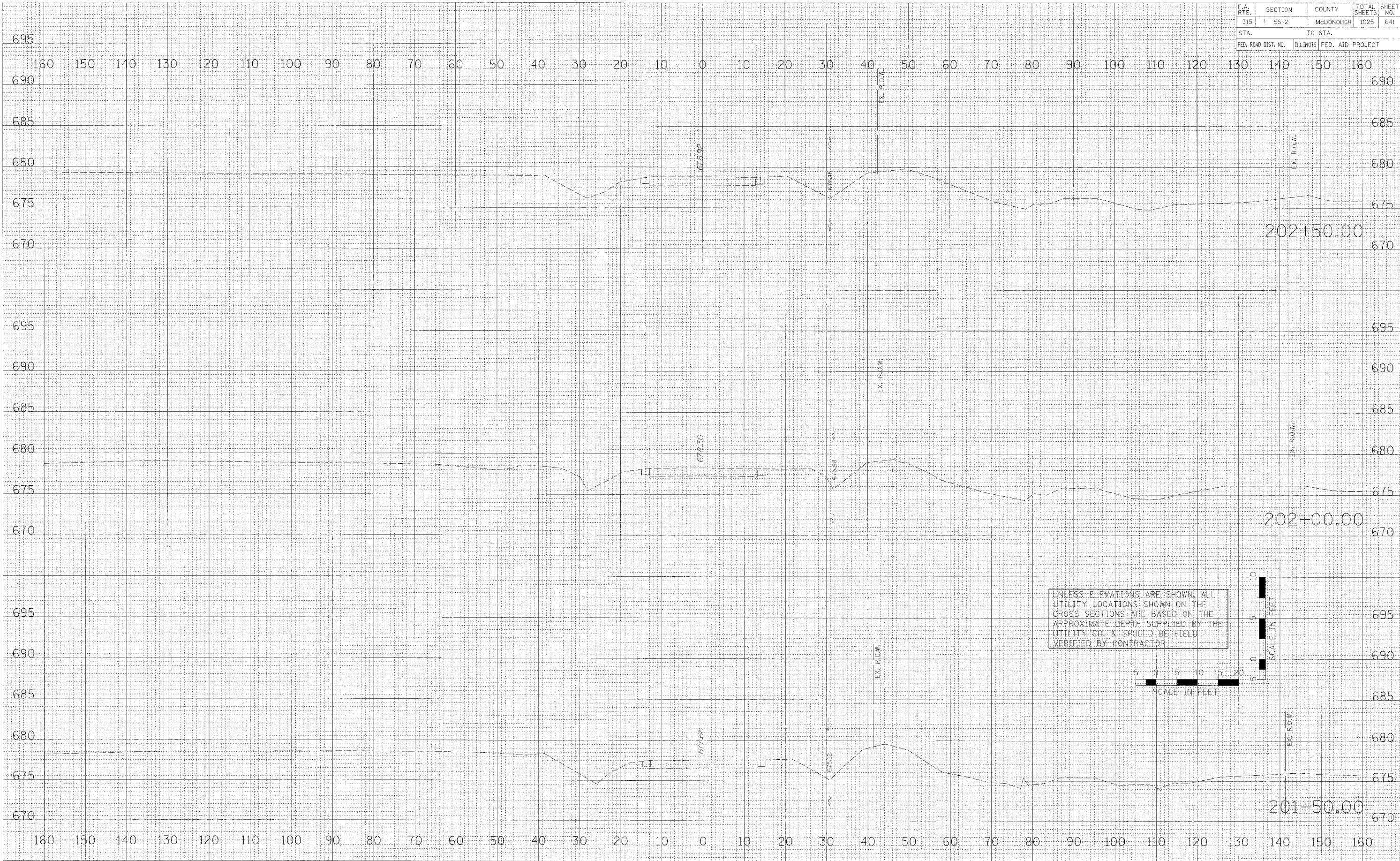
| ORIGINAL SURVEY | DATE |
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| SURVEYED | |
| PLOTTED | |
| NOTE BOOK | |
| AREAS CHECKED | |

PLOT DATE = #DATE#
 FILE NAME = #SCALE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 641 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



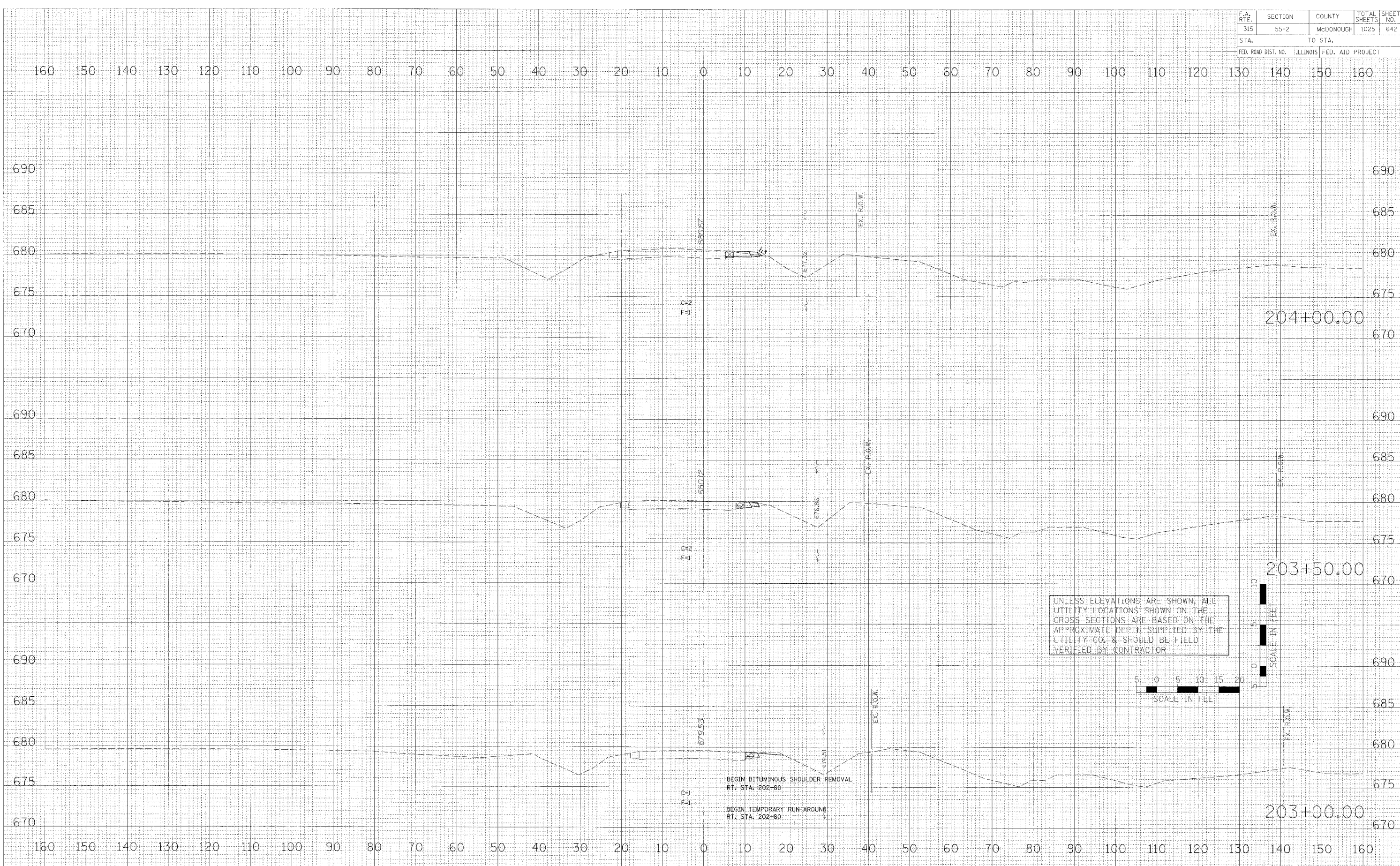
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| FINAL | DATE |
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| ORIGINAL | DATE |
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| AREAS CHECKED | |
| NO. | |

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| BY | BY |
| BY | BY |
| BY | BY |

MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | MCDONOUGH | 1025 | 642 |
| STA. TO STA. | | ILLINOIS FED. AID PROJECT | | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



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PLOT DATE = #DATE*
 PLOT SCALE = #SCALE*
 USER NAME = #USER*

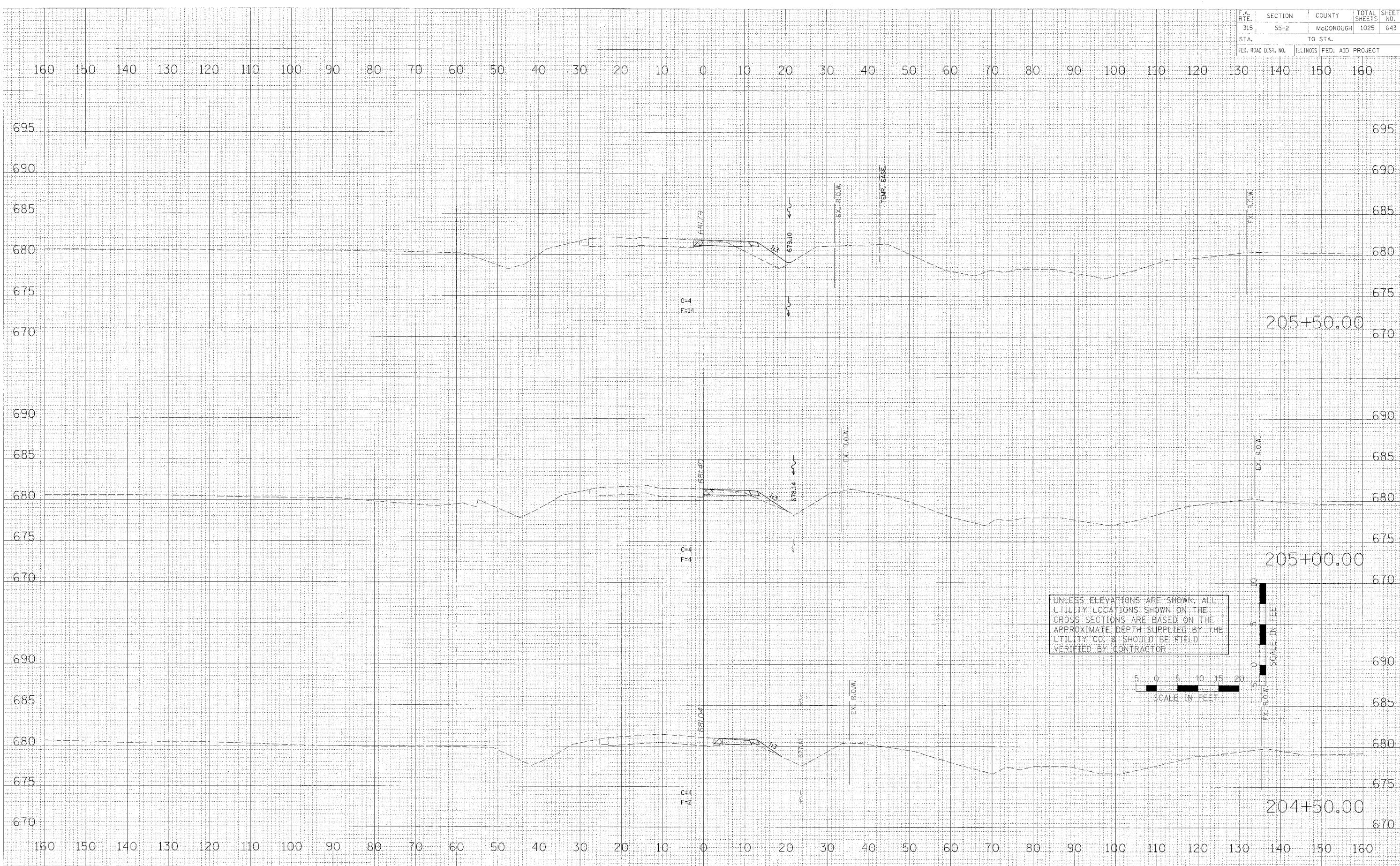
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 643 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

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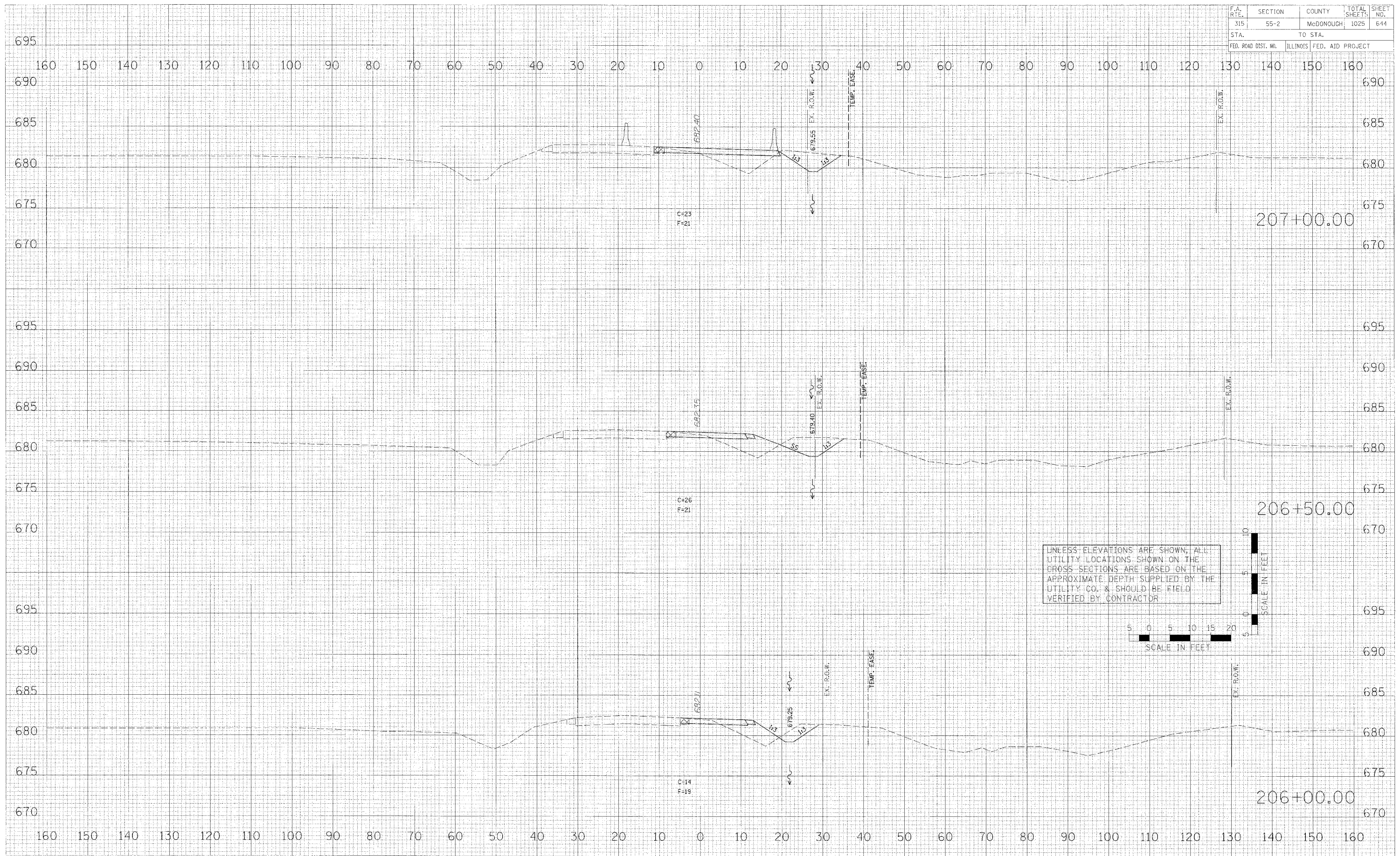
UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



SCALE IN FEET

MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

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| F.A. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 644 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |



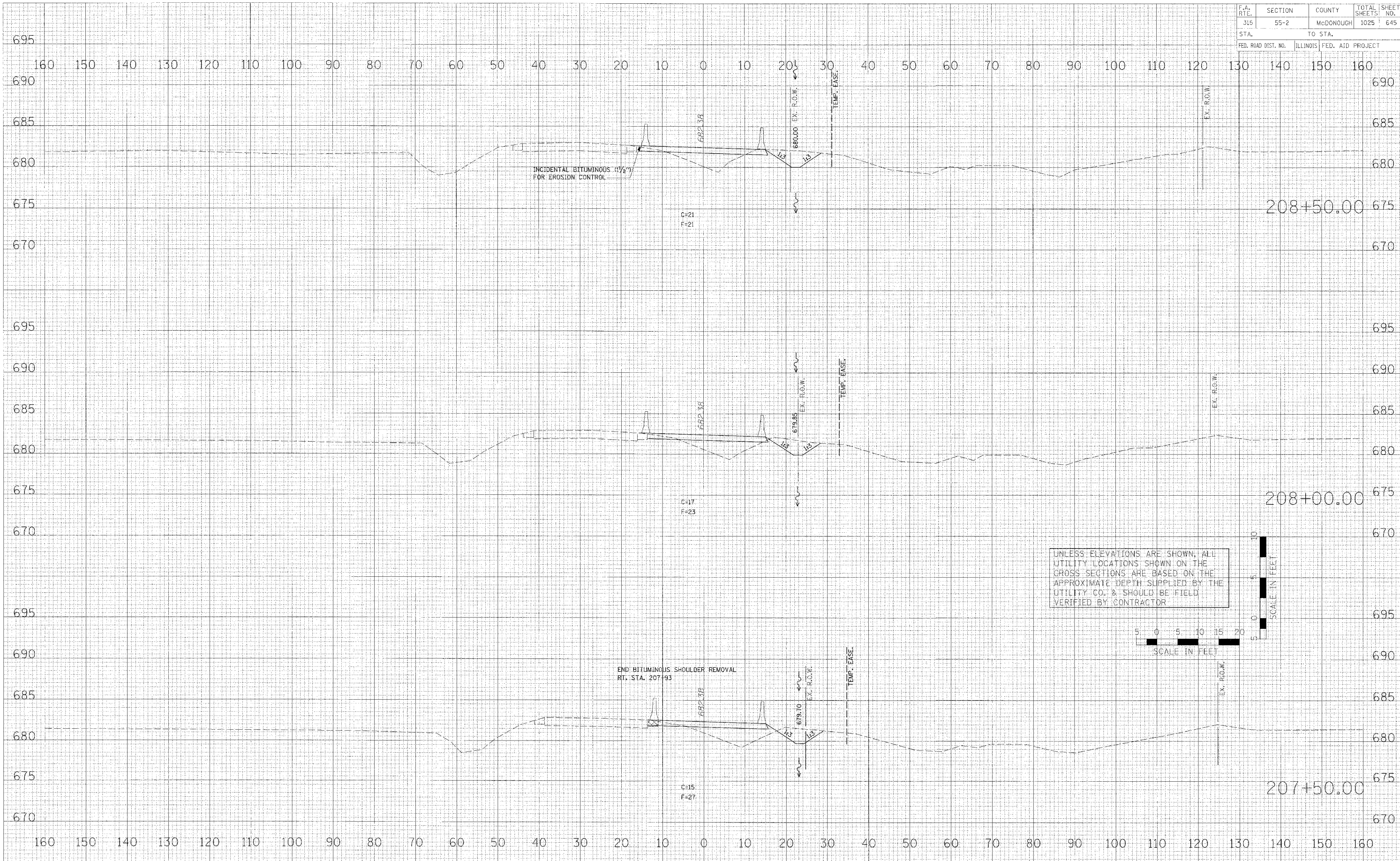
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

FINAL SURVEY PLOTTED DATE
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 DATE

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 645 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



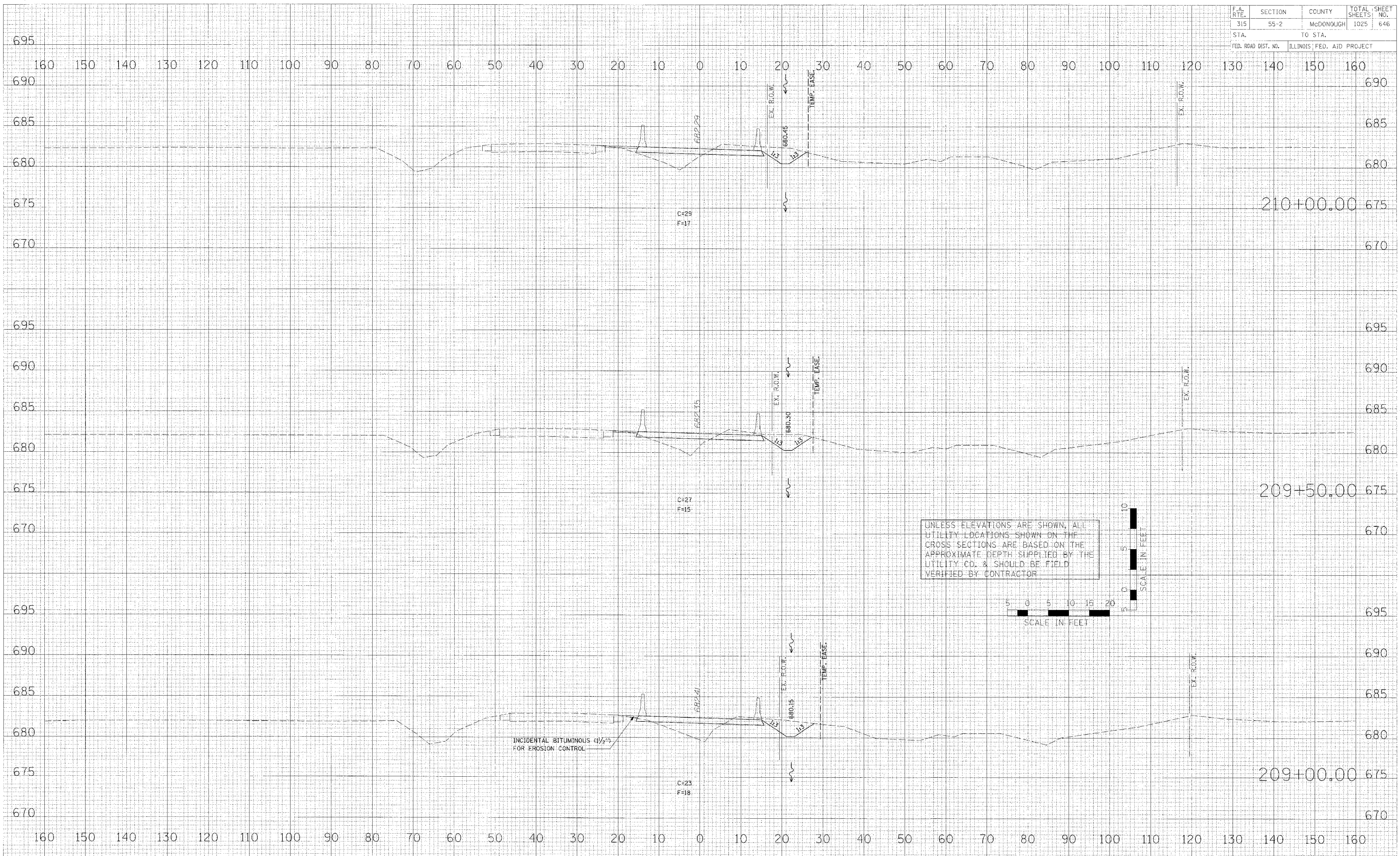
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MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | NO. |
|---------------------|---------------------------|-----------|--------------|-----|
| 315 | 55-2 | MCDONOUGH | 1025 | 646 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |



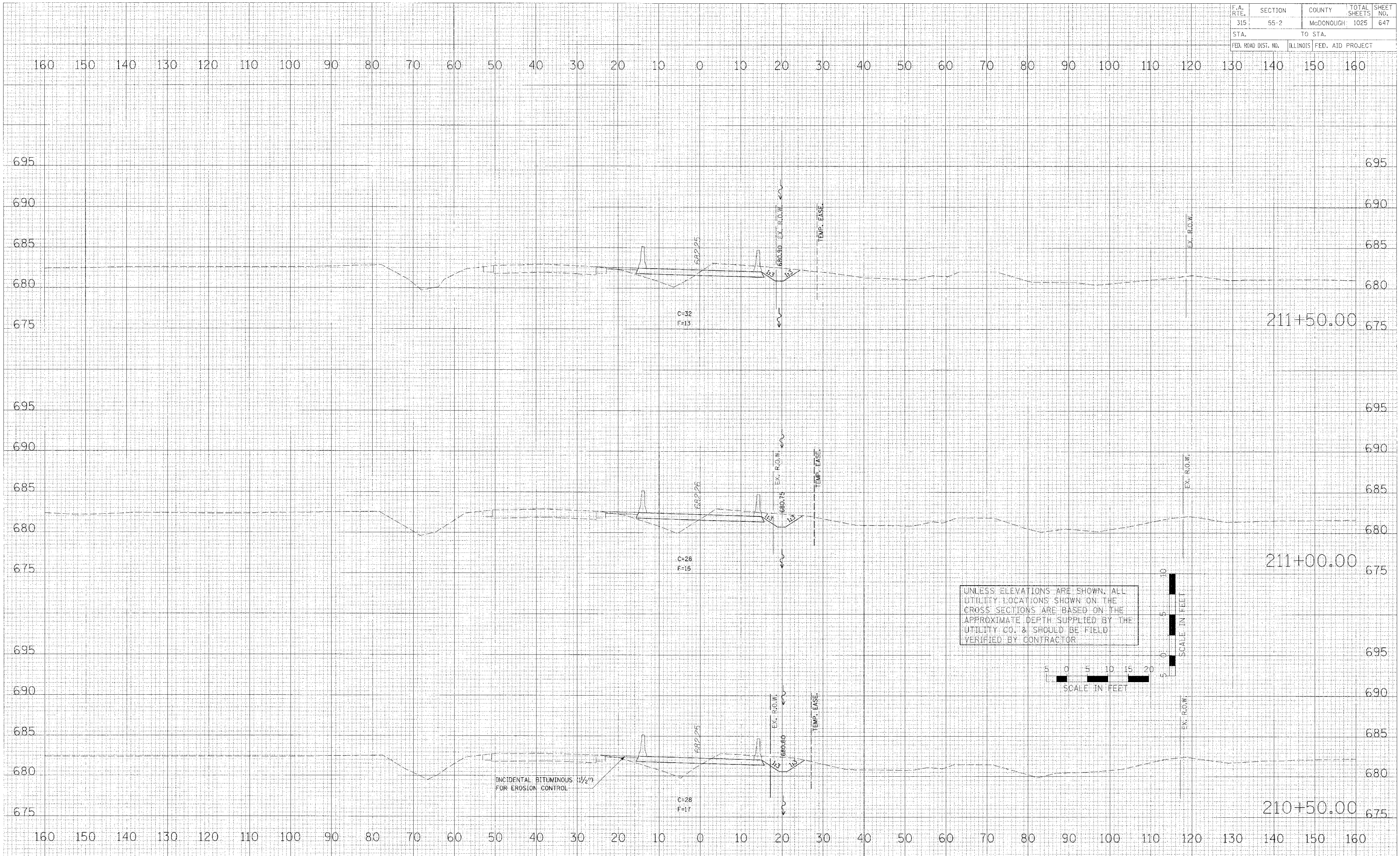
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MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 647 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR.



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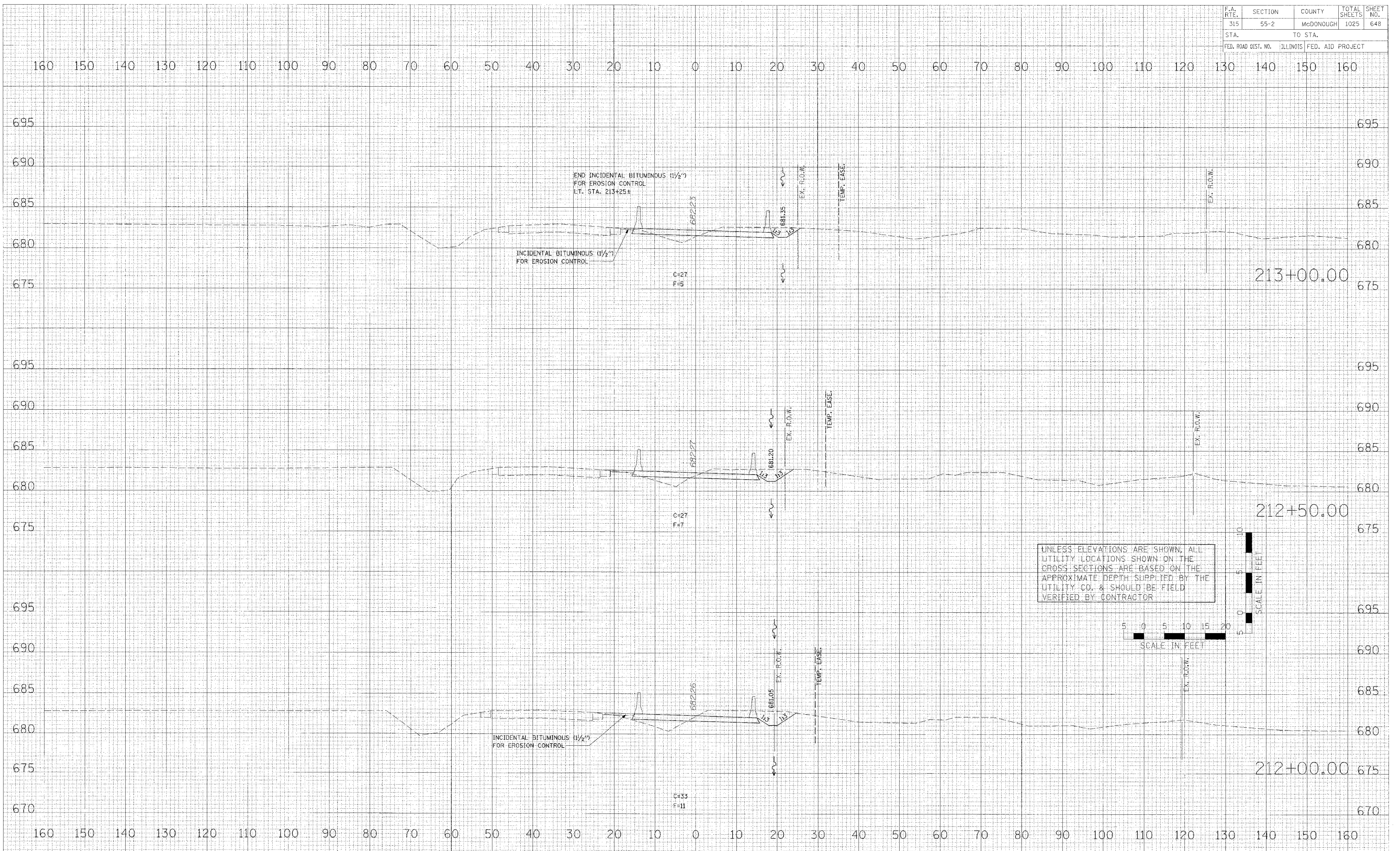
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 648 |
| STA. TO STA. | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

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| AREAS CHECKED | |

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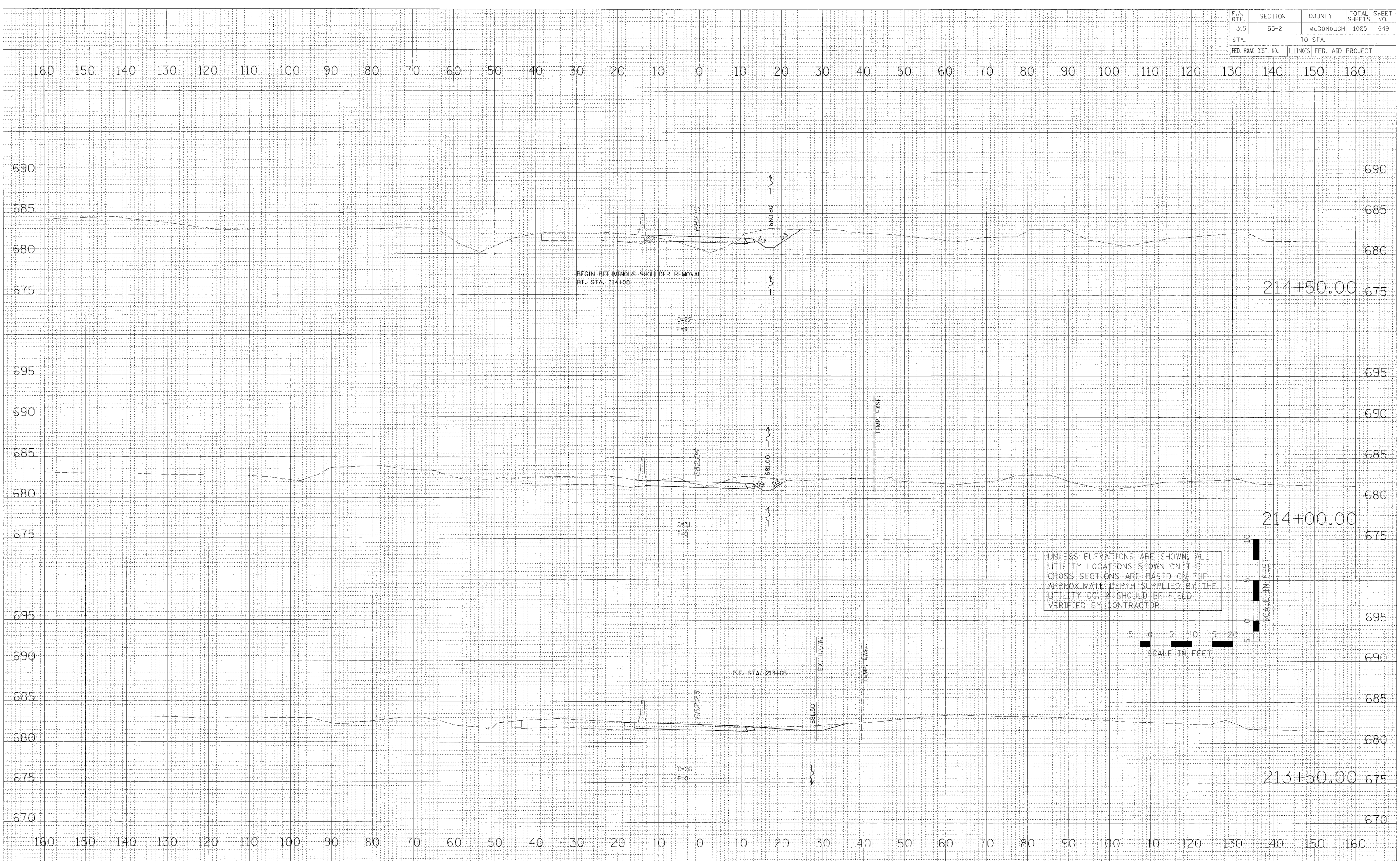
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 649 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

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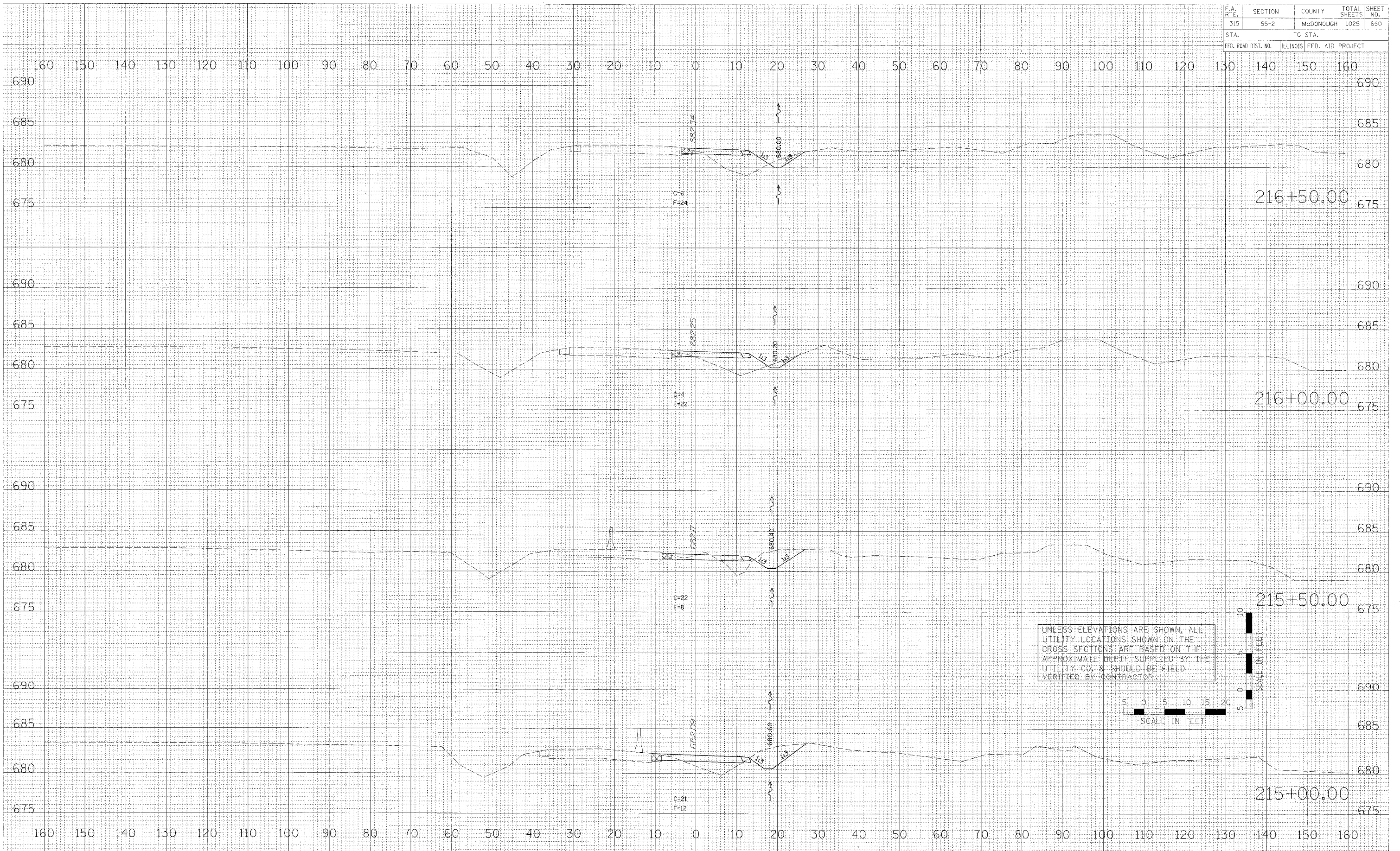
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MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 650 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

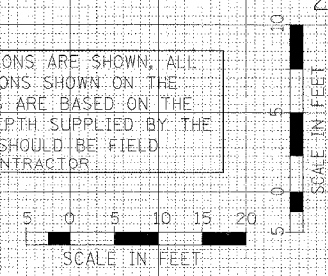


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UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR.



MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

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|---------------------|----------|------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 651 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

BY _____ DATE _____

SUPERVISOR _____

PLOTTED _____

NOTE BOOK _____

AREAS CHECKED _____

BY _____ DATE _____

SUPERVISOR _____

PLOTTED _____

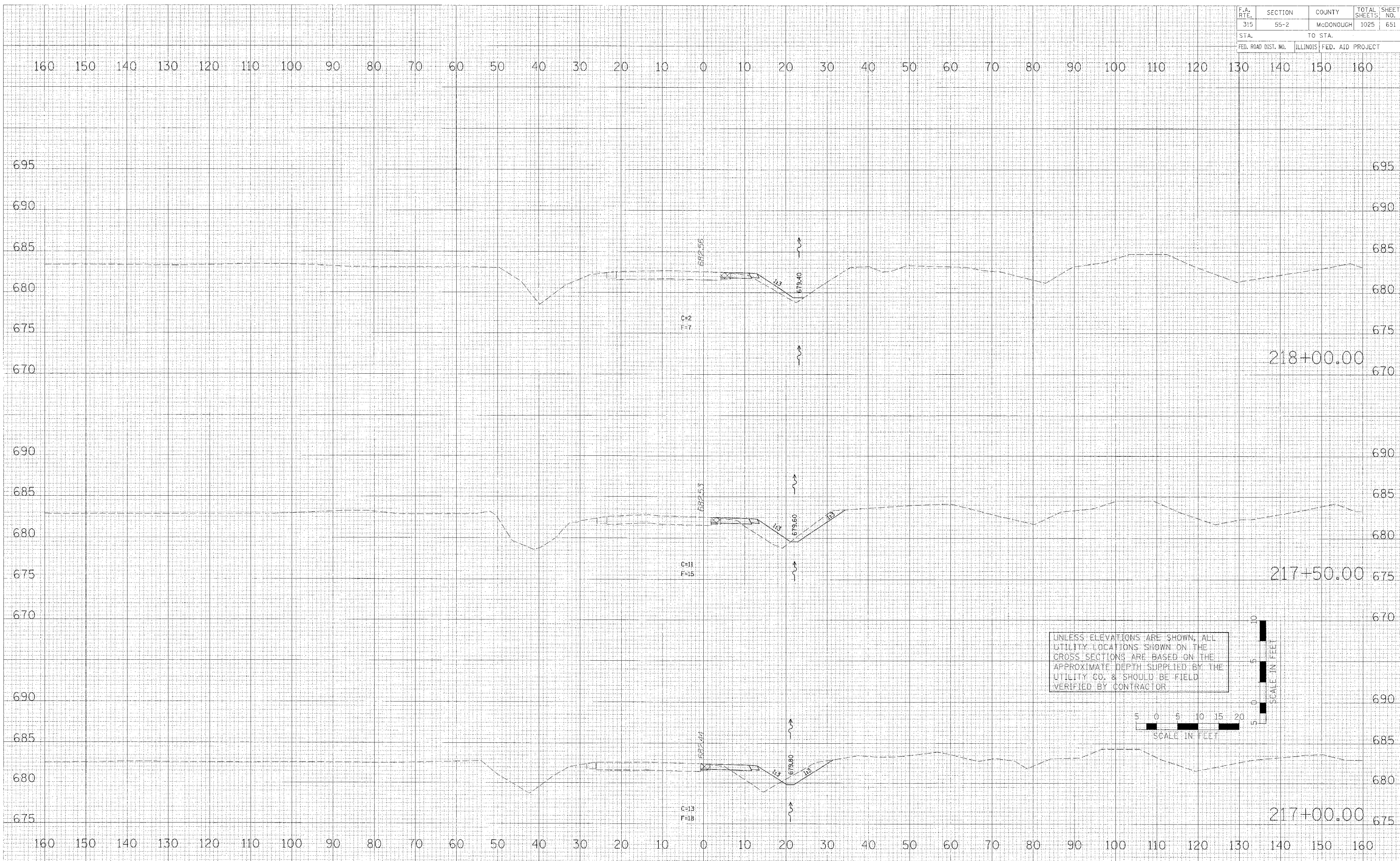
NOTE BOOK _____

AREAS CHECKED _____

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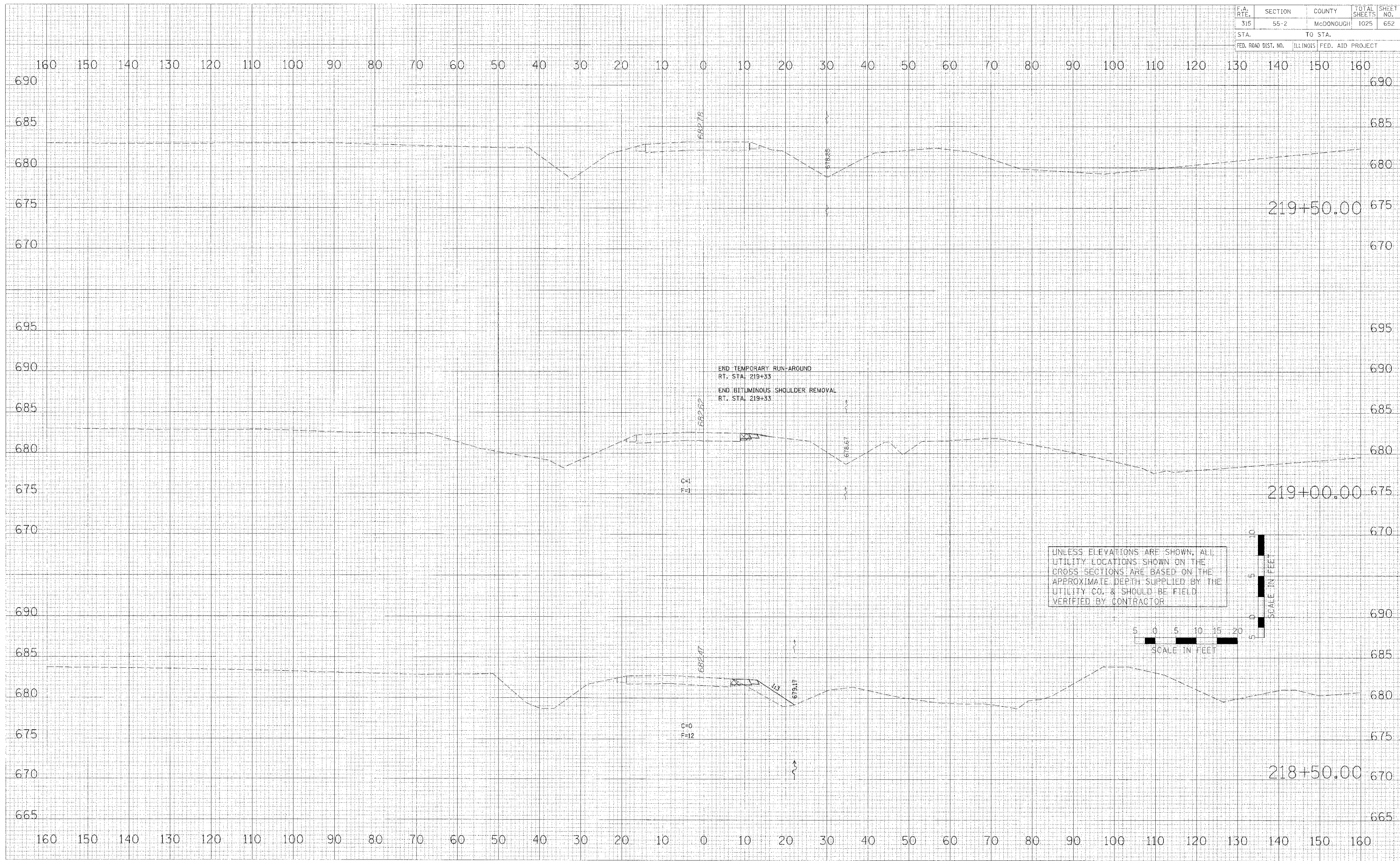
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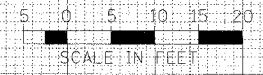


MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 652 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



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FINISHED SURVEY
 CONSIDERED PLOTTED
 TEMPLATES
 NOTED BOOK
 AREAS
 REVISIONS
 NO.

| DATE | BY |
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ORIGINAL SURVEY
 CONSIDERED PLOTTED
 TEMPLATES
 NOTED BOOK
 AREAS
 REVISIONS
 NO.

PLOT DATE * DATES
 FILE NAME * FILES
 USER NAME * USERS

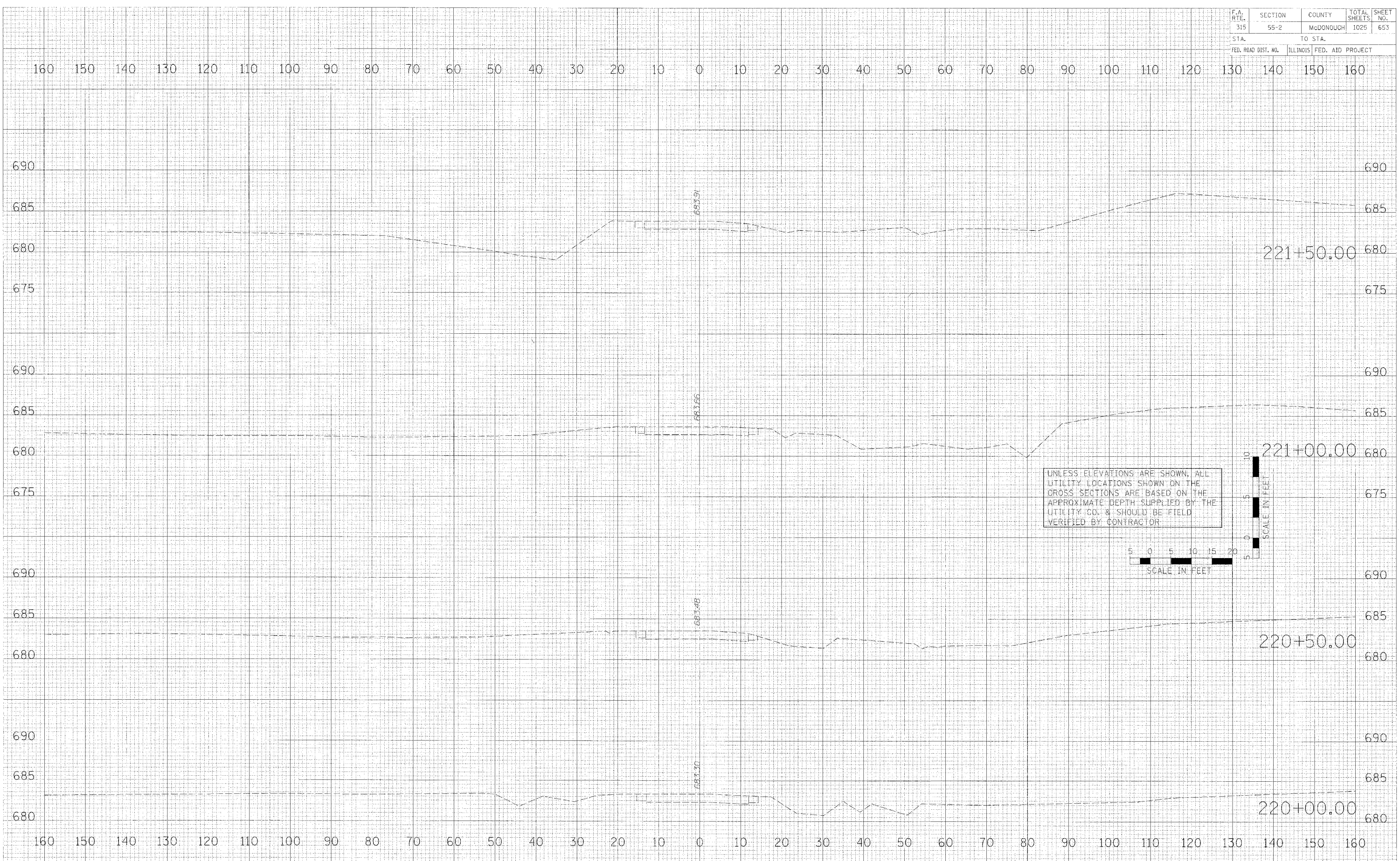
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 653 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

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

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| ORIGINAL SURVEY | BY | DATE |
| SURVEY | | |
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| PLOT DATE | NUMBER |
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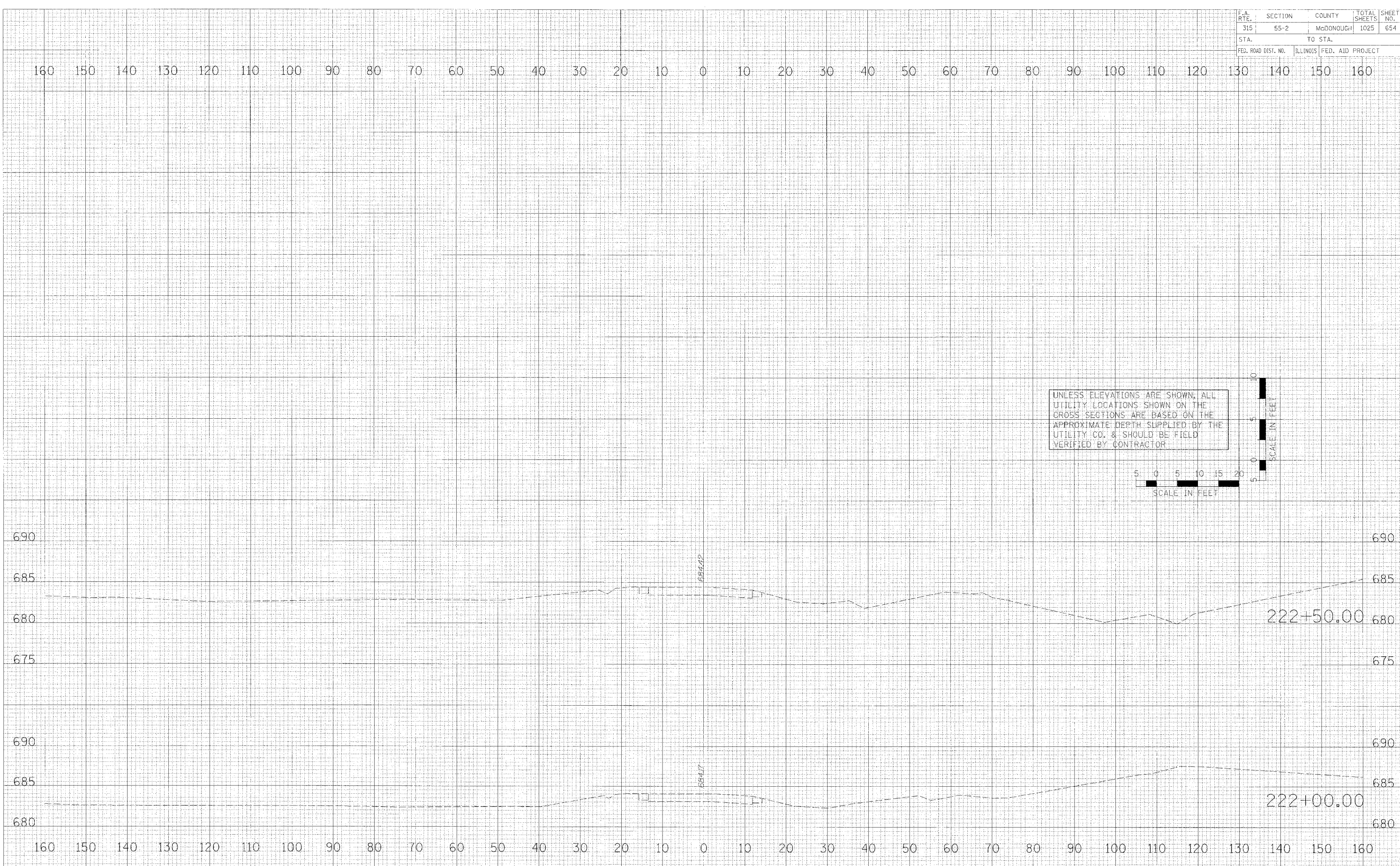
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

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|---------------------|----------|------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 654 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

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| | |
| FINAL SURVEY | |
| NOTED BOOK | |
| AREA CREDITED | |

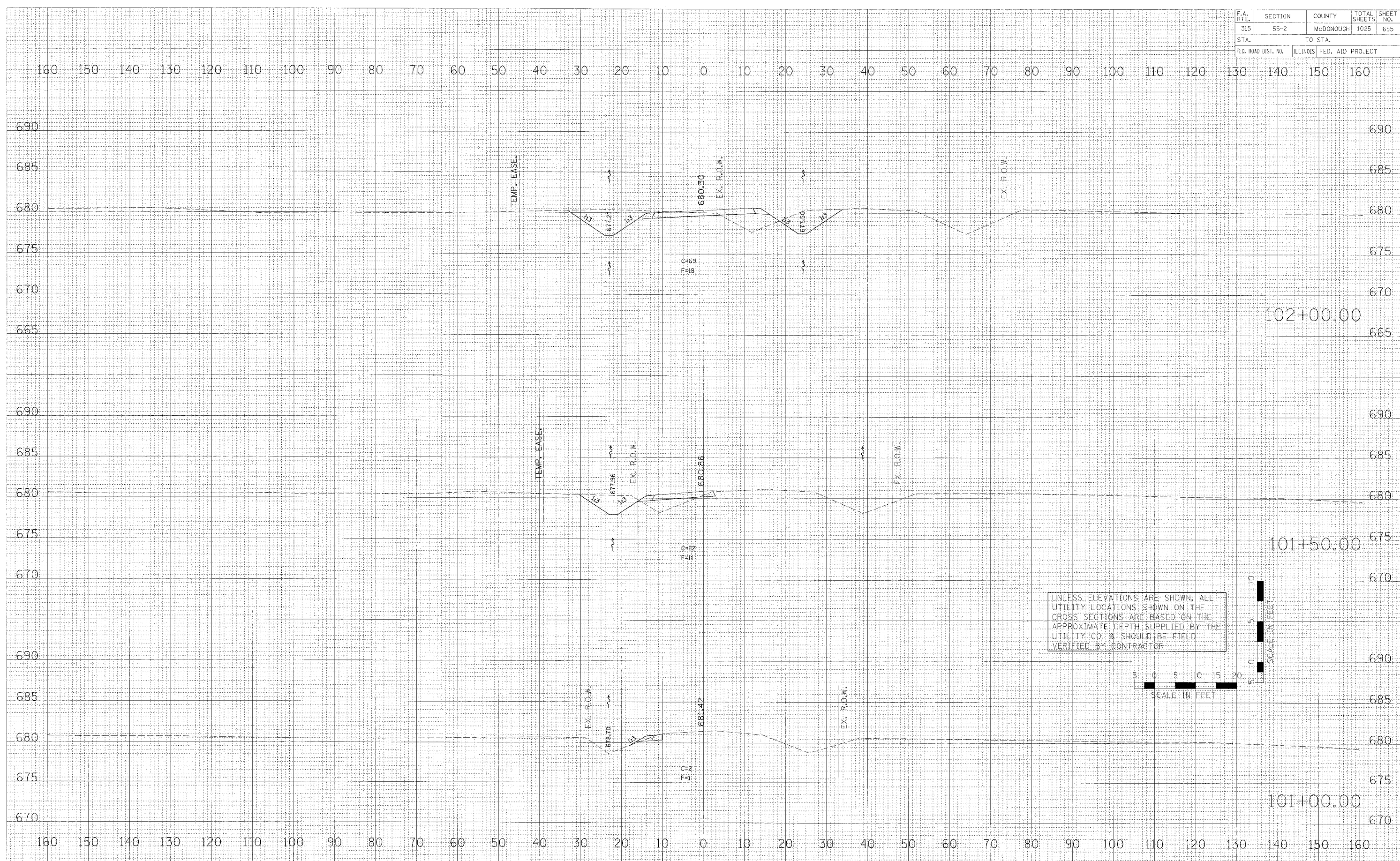
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| BY | DATE |
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| ORIGINAL SURVEY | |
| NOTED BOOK | |
| AREA CREDITED | |

PLOT DATE = #DATE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



MAINTENANCE OF TRAFFIC - CROSS SECTIONS - U.S. ROUTE 136 TEMPORARY RUN-AROUND

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|---------------------|---------|-----------|------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 655 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |



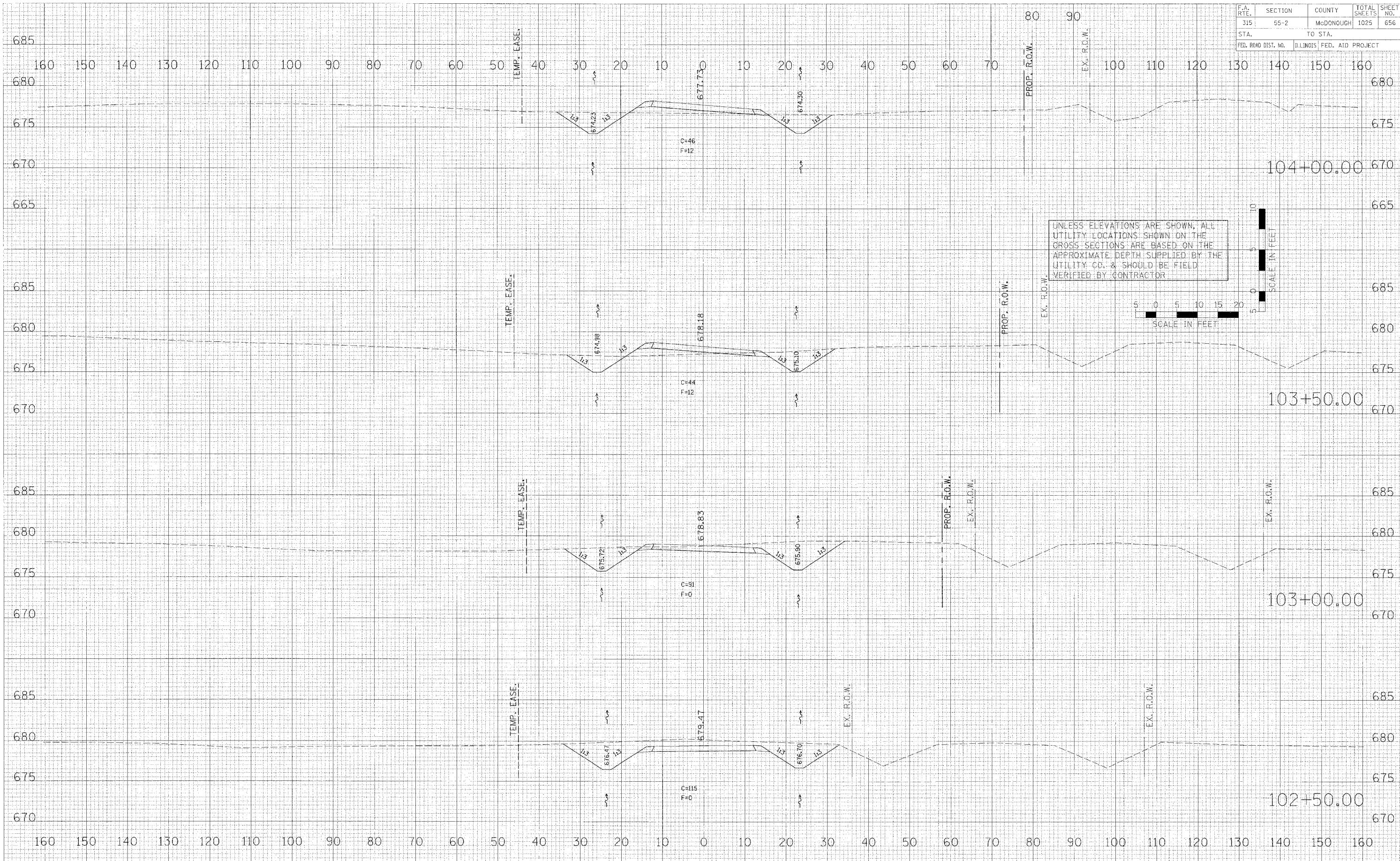
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 SURVEY: _____
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DATE: _____ BY: _____
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 SURVEY: _____
 NOTE BOOK: _____
 NO. _____

DATE: _____ BY: _____
 CHECKED: _____
 SURVEY: _____
 NOTE BOOK: _____
 NO. _____

MAINTENANCE OF TRAFFIC - CROSS SECTIONS - TWP. RD. 118 TEMPORARY RUN-AROUND

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 656 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



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| FINAL SURVEY | SURVEYED | BY | DATE |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NO. | NO. | | |

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| PLOT DATE | DATE |
| PLOT SCALE | SCALE |
| PLOT NAME | USER |

MAINTENANCE OF TRAFFIC - CROSS SECTIONS - TWP. RD. 118 TEMPORARY RUN-AROUND

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 657 |
| STA. 130 TO STA. 160 | | ILLINOIS FED. AID PROJECT | | |

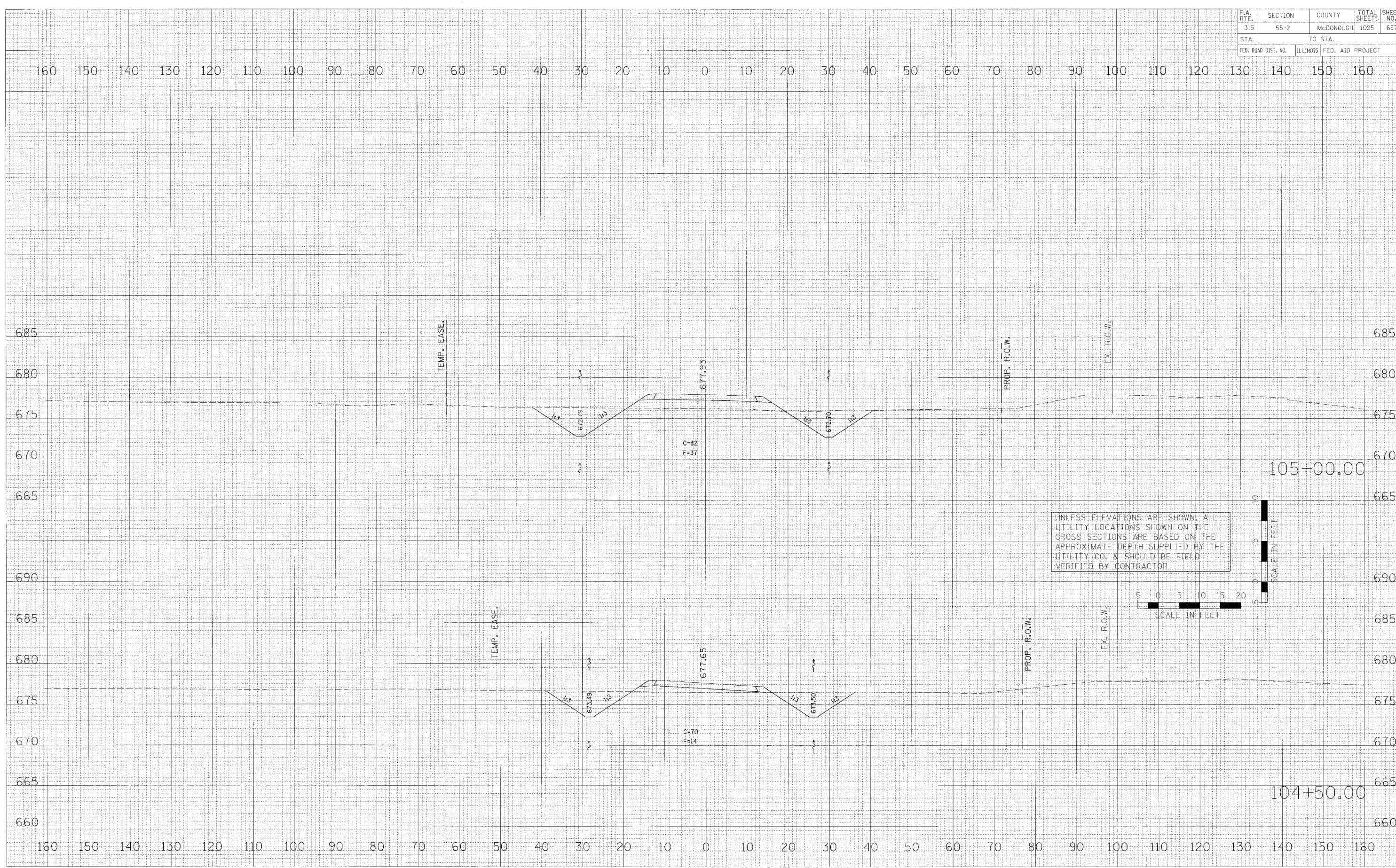
| DATE | BY |
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| FINAL SURVEY | REVISED |
| NOTE BOOK | PLATTED |
| AREAS | TEMPLATE |
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| ORIGINAL SURVEY | REVISED |
| NOTE BOOK | PLATTED |
| AREAS | TEMPLATE |
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 FILE NAME * \$FILEL\$
 PLOT SCALE * \$SCALE\$
 USER NAME * \$USER\$



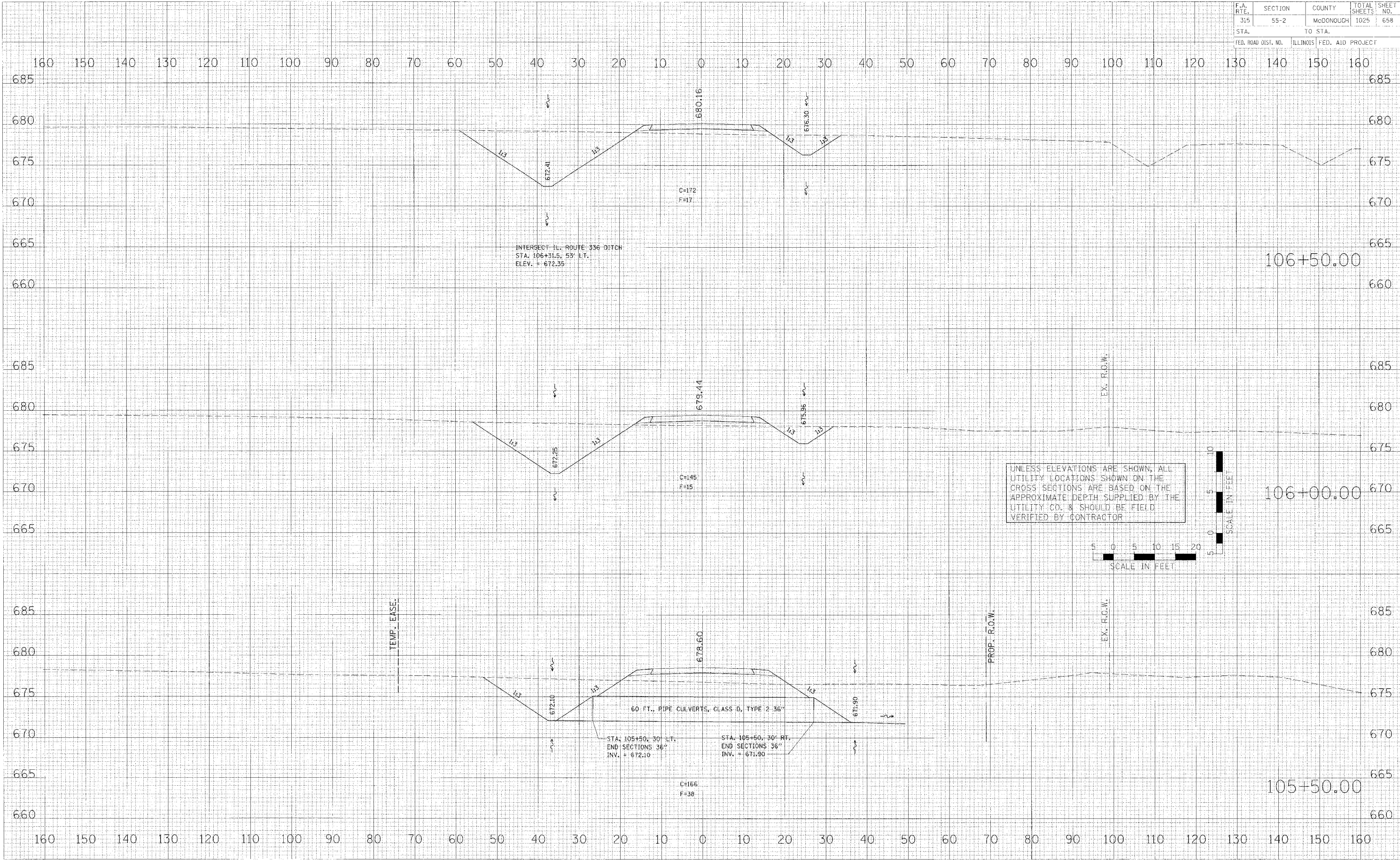
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - TWP. RD. 118 TEMPORARY RUN-AROUND

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|------------------|--------------|-----------|
| 315 | 55-2 | MCDONOUGH | 1025 | 658 |
| STA. 315 | | TO STA. 1025 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

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| REVISIONS | |
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| NO. | DESCRIPTION |
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 FILE NAME & FILEL\$
 PLOT SCALE & SCALE\$
 USER NAME & USER\$



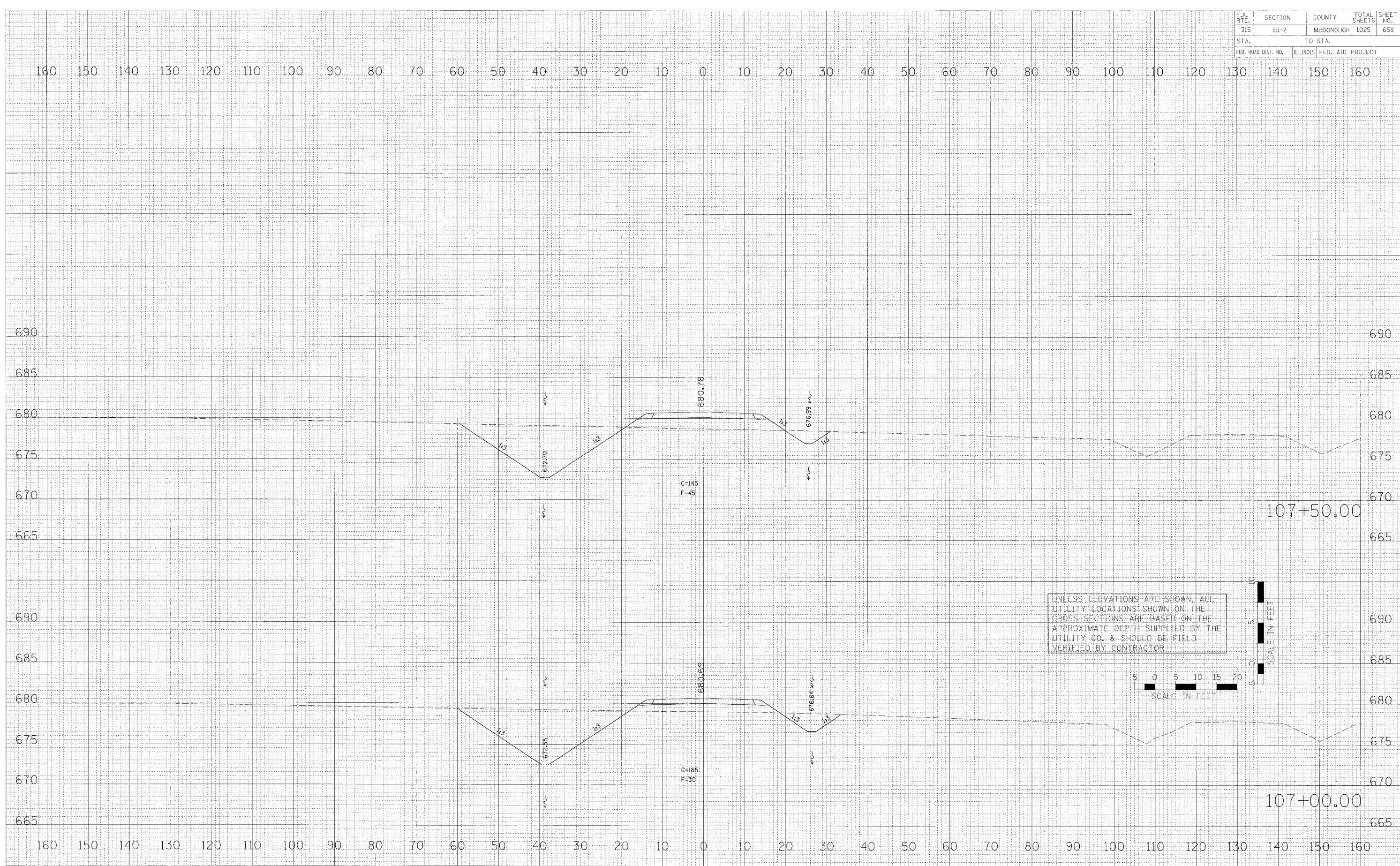
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - TWP. RD. 118 TEMPORARY RUN-AROUND

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|---------------------|---------|-----------|------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 659 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

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|--------------|----------|
| DATE | BY |
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| FINAL SURVEY | DESIGNED |
| NOTE BOOK | PLOTTED |
| NO. | TEMPLATE |
| | AREAS |
| | ORDERED |

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

PLOT DATE * DATE *
FILE NAME * FILE *
PLOT SCALE * SCALE *
USER NAME * USER *



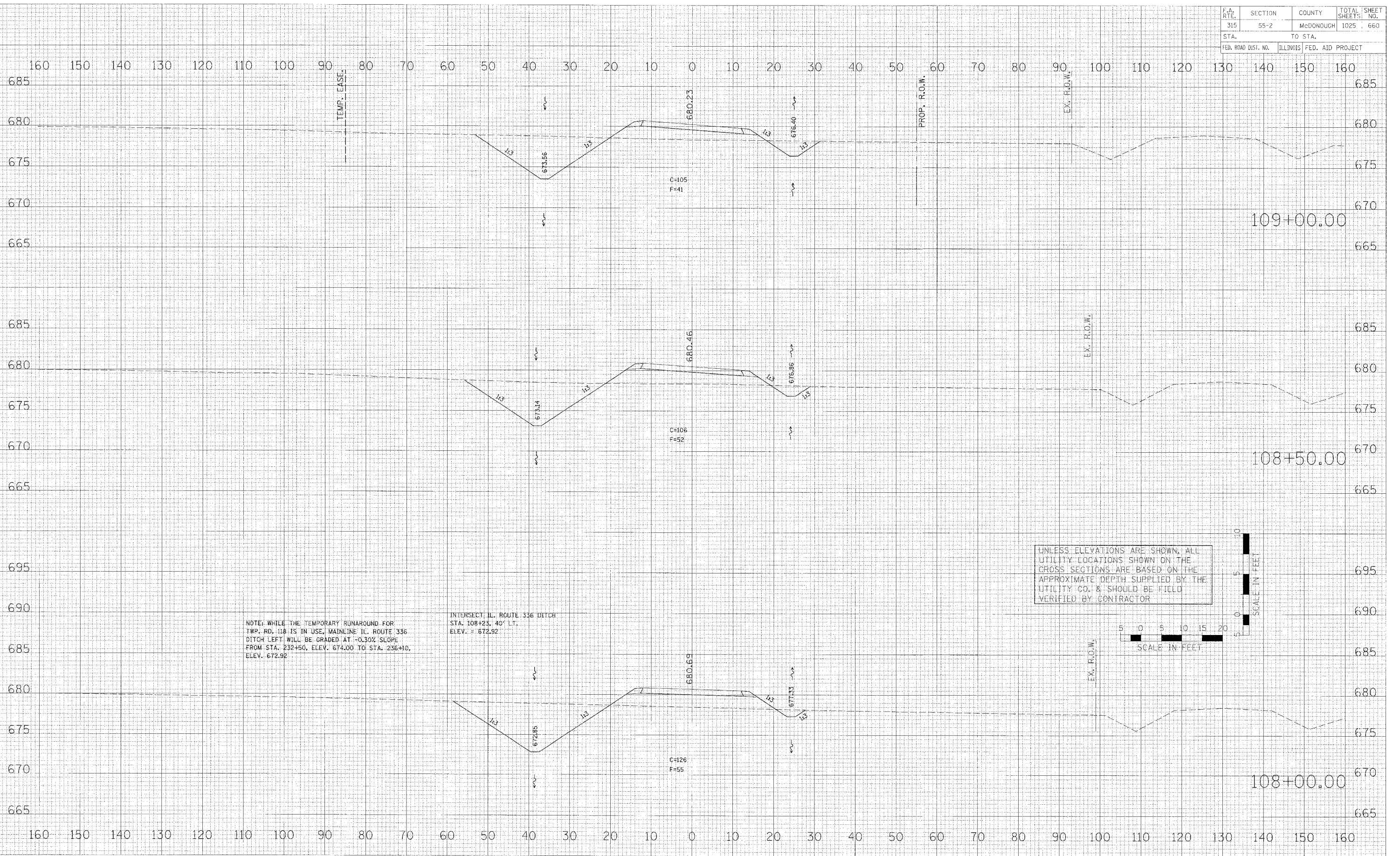
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - TWP. RD. 118 TEMPORARY RUN-AROUND

| | | | | |
|---------------------|----------|------------------|--------------|-----------|
| F.A. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 660 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

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PLOT DATE = 04/16/06
FILE NAME = 511E118
SCALE = 1"=50'
USER NAME = JLS



NOTE: WHILE THE TEMPORARY RUNAROUND FOR TWP. RD. 118 IS IN USE, MAINLINE IL. ROUTE 336 DITCH LEFT WILL BE GRADED AT -0.30% SLOPE FROM STA. 232+50, ELEV. 674.00 TO STA. 236+10, ELEV. 672.92.

INTERSECT IL. ROUTE 336 DITCH STA. 108+23, 40' LT. ELEV. = 672.92

UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



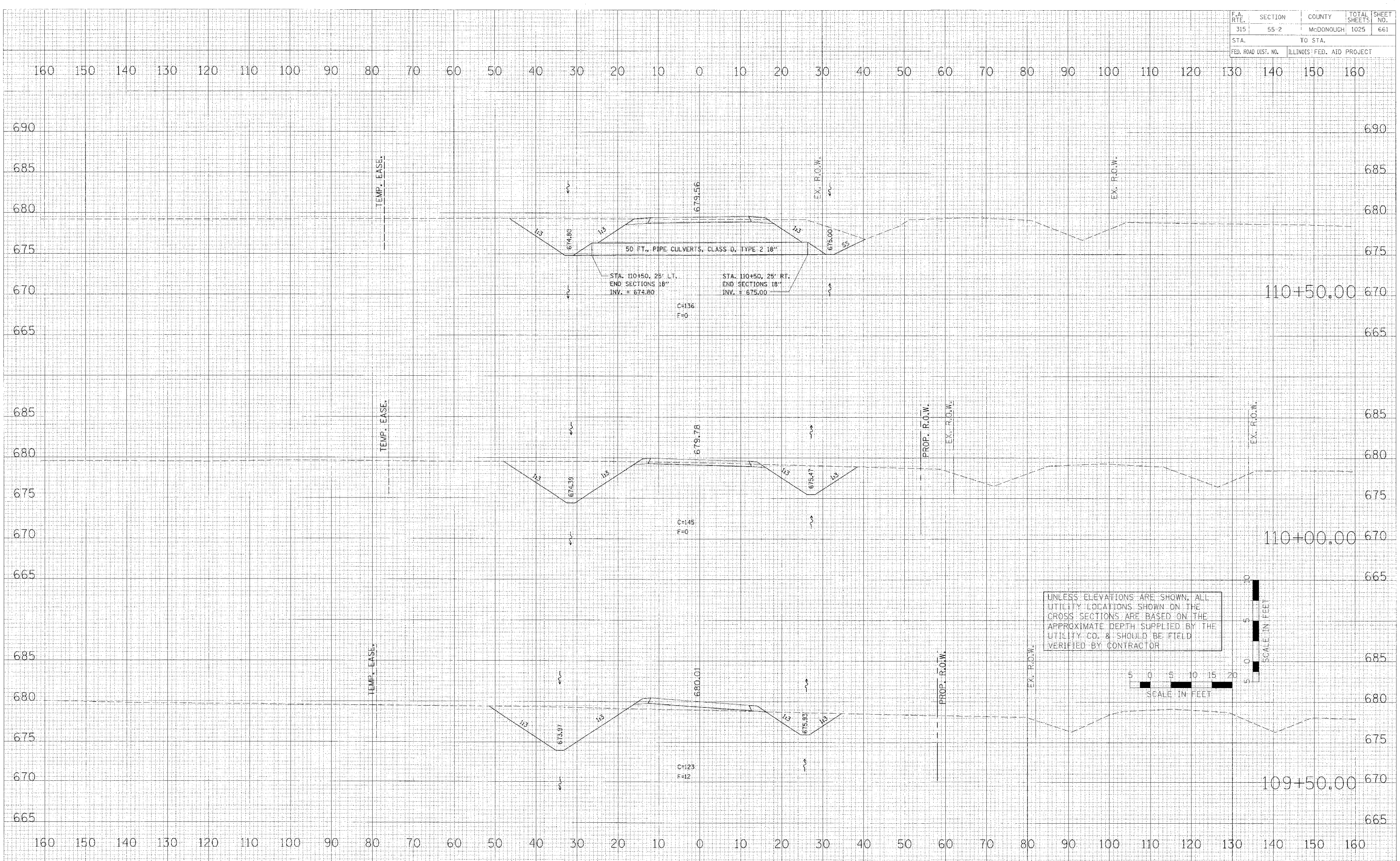
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - TWP. RD. 118 TEMPORARY RUN-AROUND

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 661 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

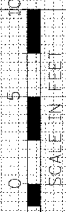
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| DATE | BY |
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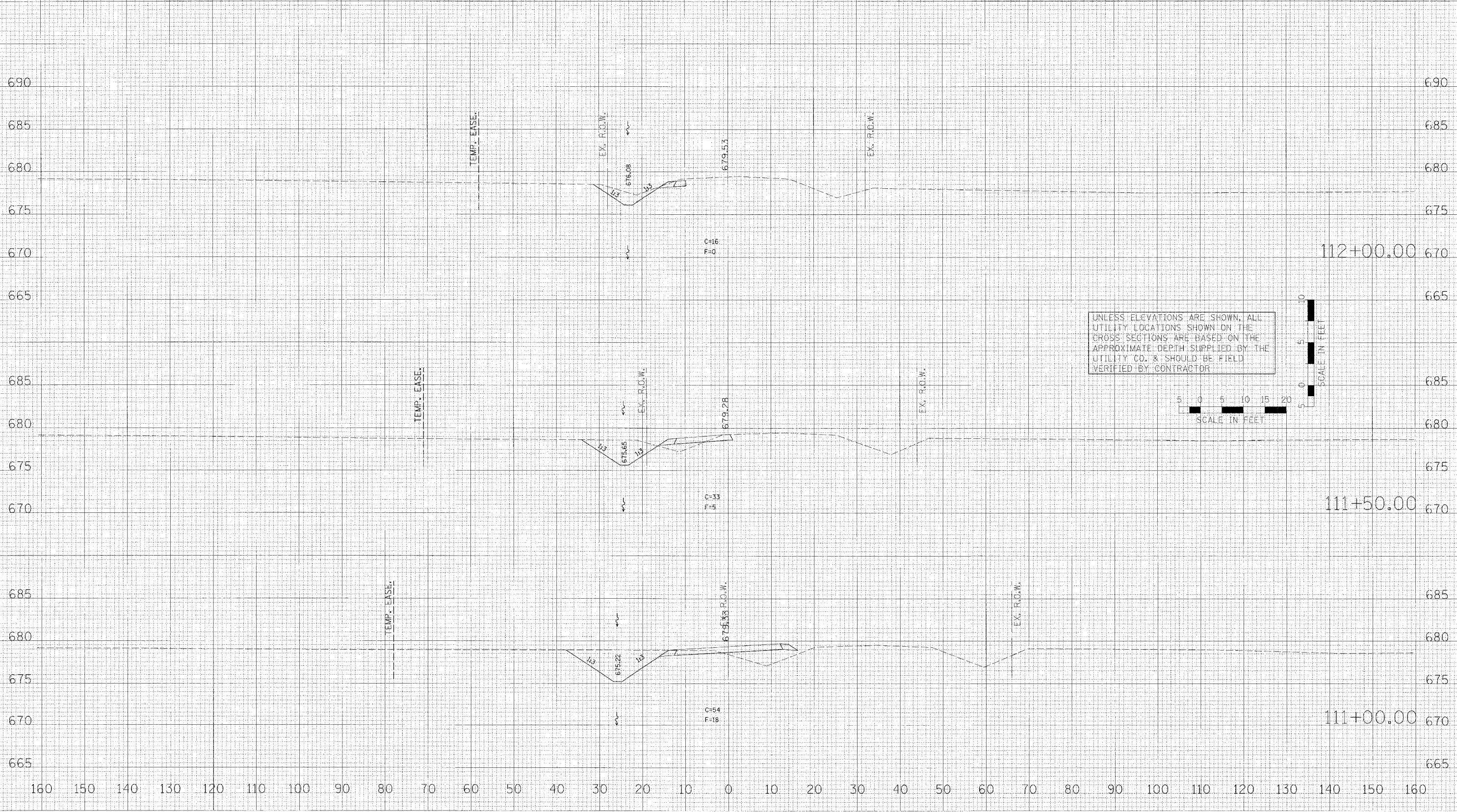
UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



MAINTENANCE OF TRAFFIC - CROSS SECTIONS - TWP. RD. 118 TEMPORARY RUN-AROUND

| | | | | |
|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 662 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160



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| DATE | BY |
| DATE | BY |
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| DATE | BY |
| DATE | BY |

PLOT DATE = 04/16/08
 FILE NAME = 55-2-111-100-112
 PLOT SCALE = 1"=40'
 USER NAME = MCGINNIS

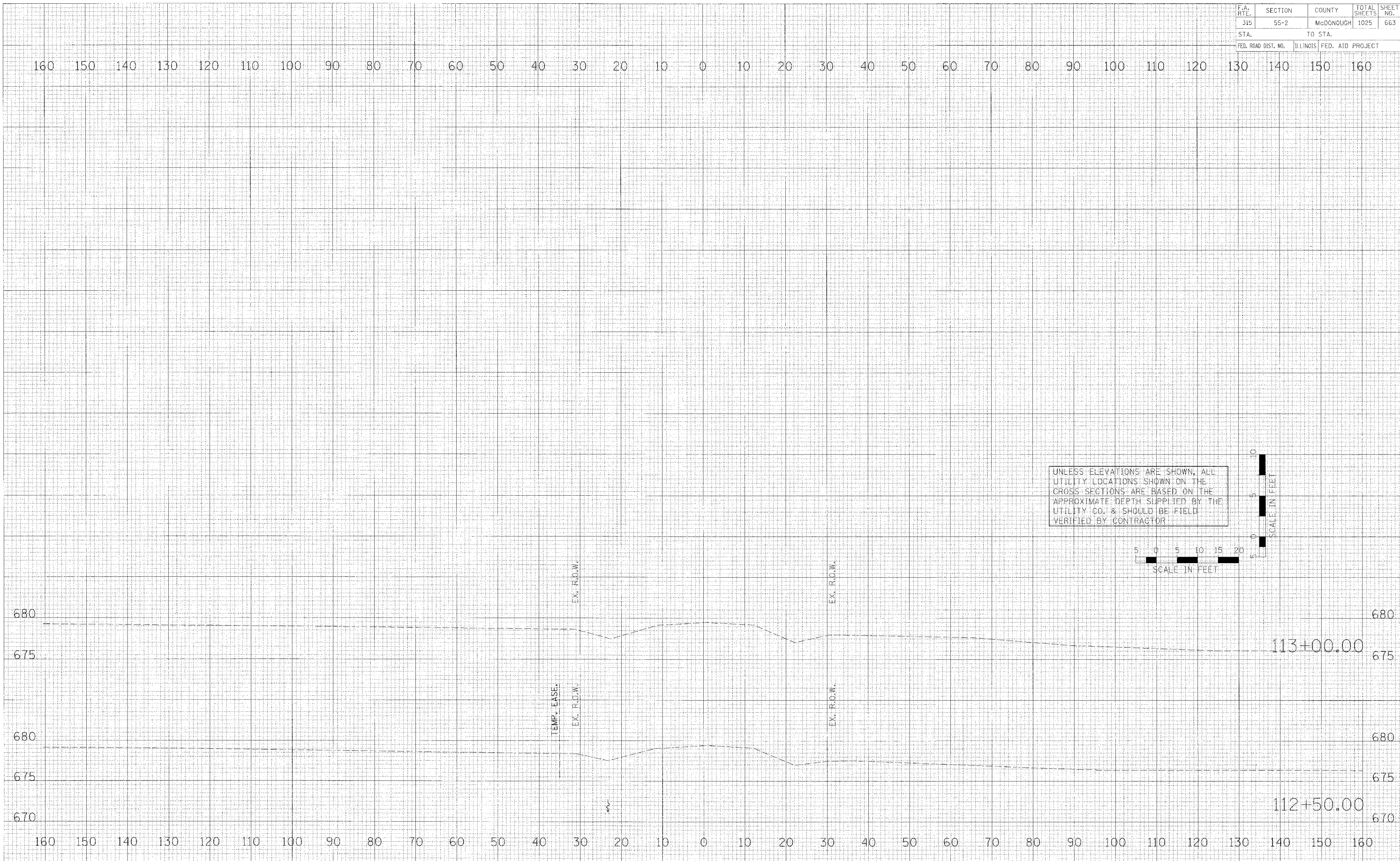
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - TWP. RD. 118 TEMPORARY RUN-AROUND

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 663 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

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| FILE NO. | DATE |
| SURVEYED | |
| PLOTTED | |
| TEMP. EASE | |
| EX. R.O.W. | |
| AREAS CALCULATED | |

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| ORIGINAL SURVEY | DATE |
| PLOTTED | |
| TEMP. EASE | |
| EX. R.O.W. | |
| AREAS CALCULATED | |

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| PLOT DATE | DATE |
| PLOT SCALE | SCALE |
| USER NAME | USER |



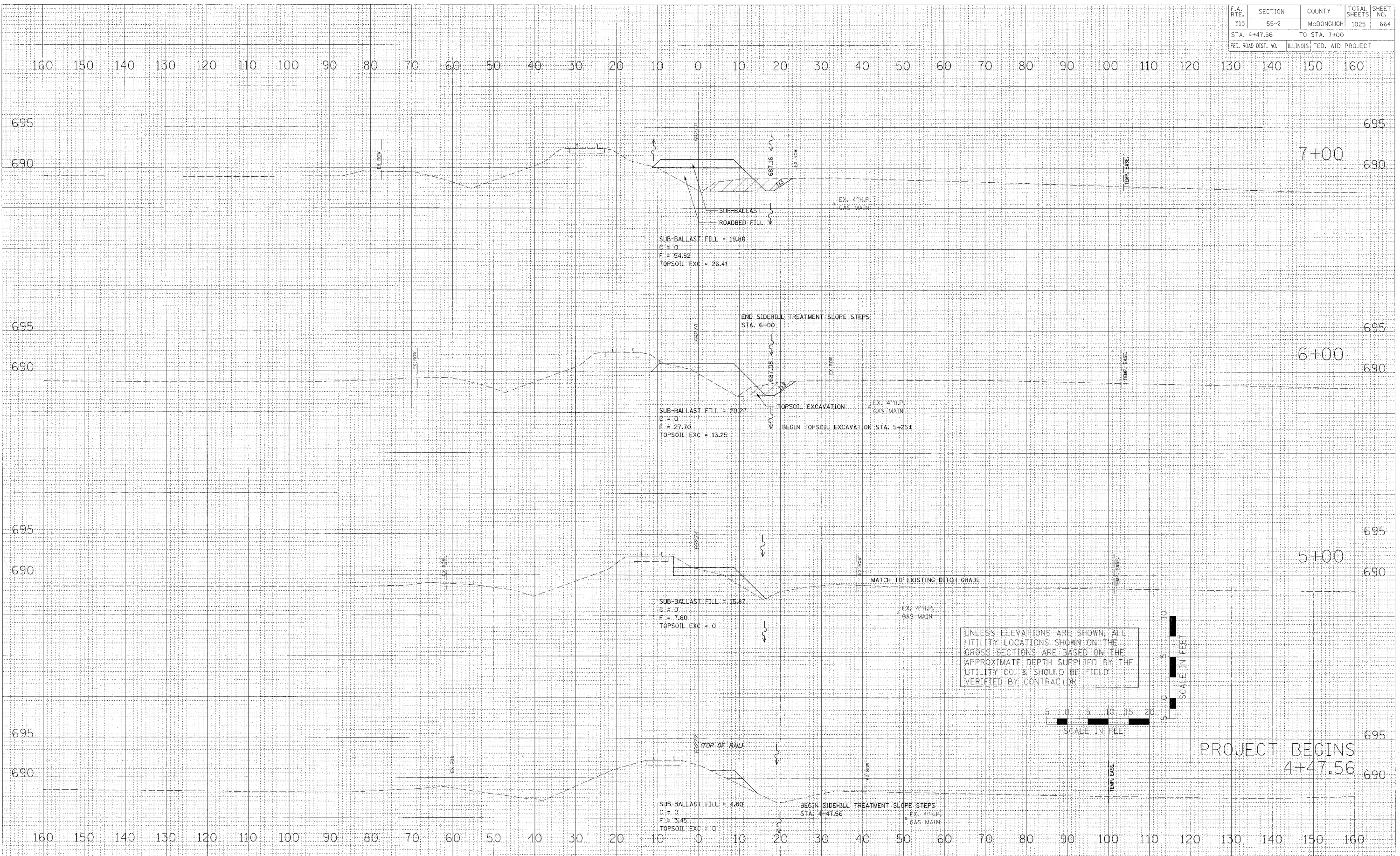
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - TWP. RD. 118 TEMPORARY RUN-AROUND

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 664 |
| STA. 4+47.56 | | TO STA. 7+00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

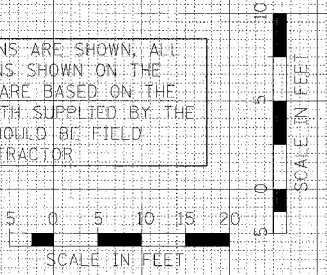
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| DATE | BY |
| SURVEYED | BY |
| PLOTTED | BY |
| NOTE BOOK | NO. |
| AREAS CHECKED | |

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| DATE | BY |
| SURVEYED | BY |
| PLOTTED | BY |
| NOTE BOOK | NO. |
| AREAS CHECKED | |

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|-------------|----|
| DATE | BY |
| FILE NAME | |
| PLLOT SCALE | |
| USER NAME | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



PROJECT BEGINS
4+47.56

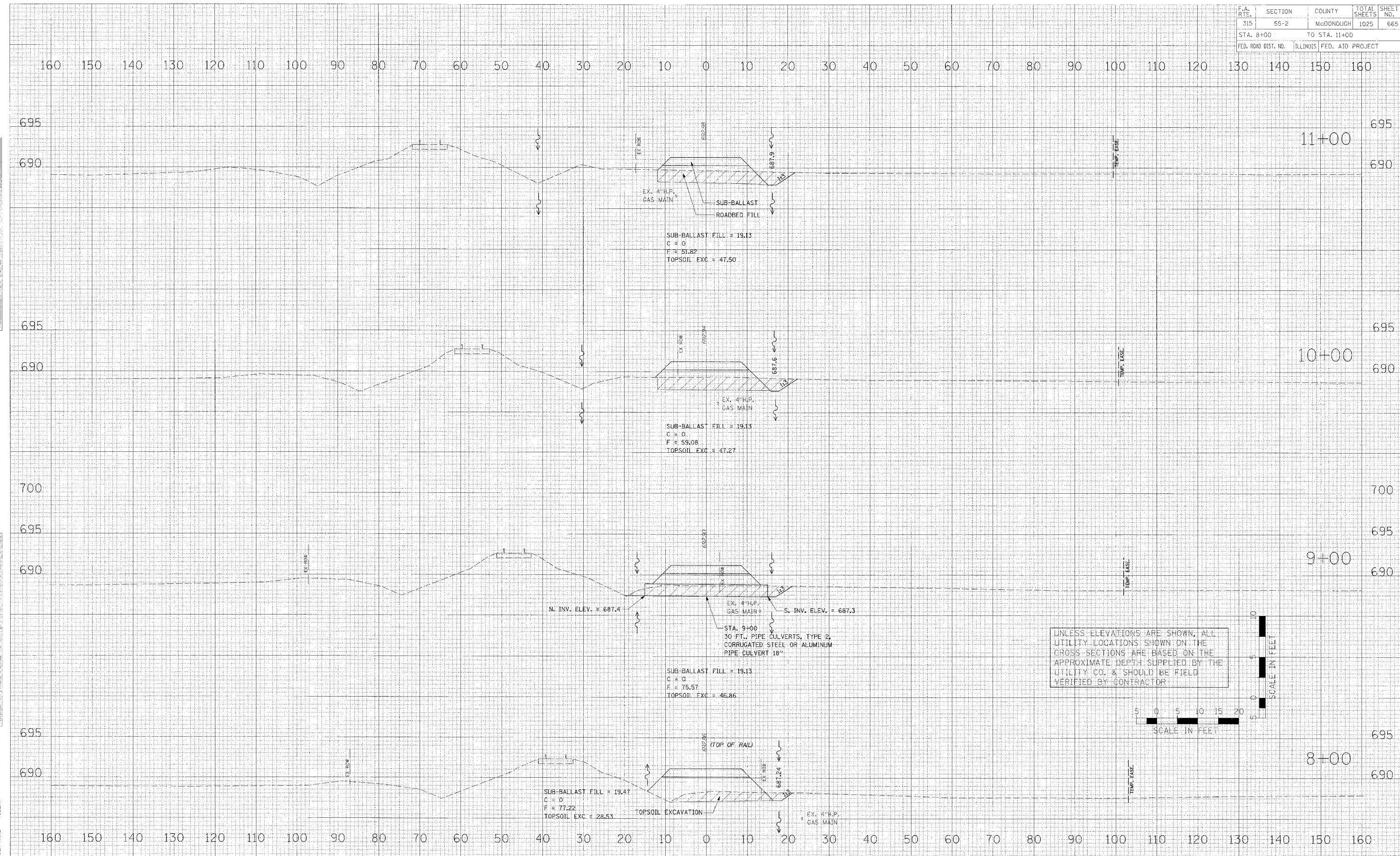
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - RAILROAD SHOO-FLY - IL. ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 665 |
| STA. 8+00 | | TO STA. 11+00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

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| DATE | |
| BY | |
| CHKD | |
| APP'D | |
| NO. | |

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| DATE | |
| BY | |
| CHKD | |
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| DATE | |
| BY | |
| CHKD | |
| APP'D | |
| NO. | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR

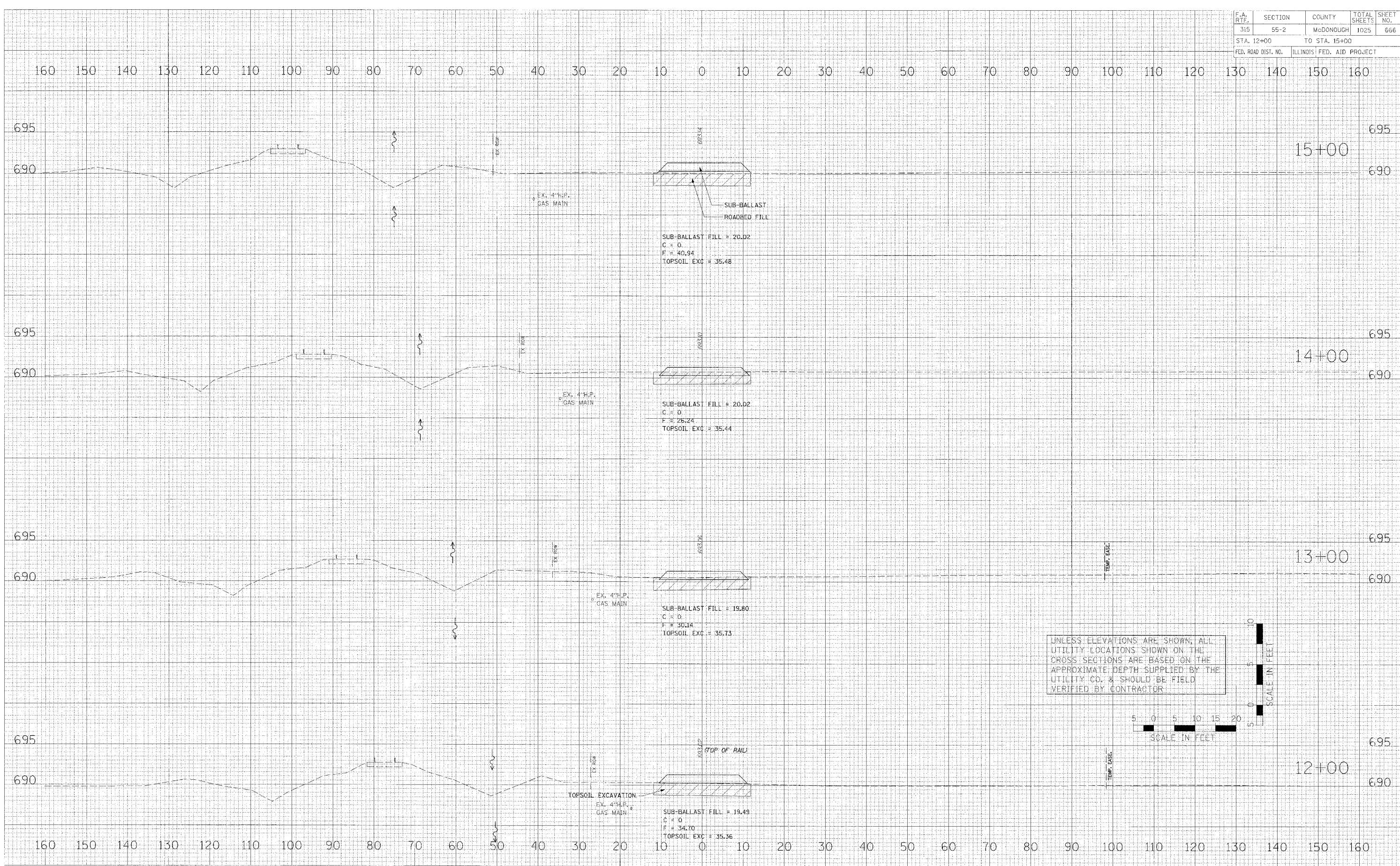
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - RAILROAD SHOO-FLY - IL. ROUTE 336

| F.A. RTF. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 666 |
| STA. 12+00 | | TO STA. 15+00 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

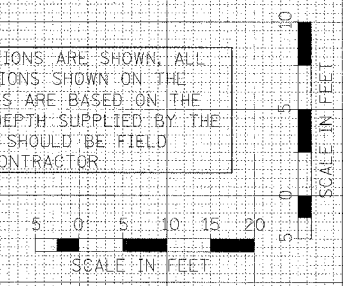
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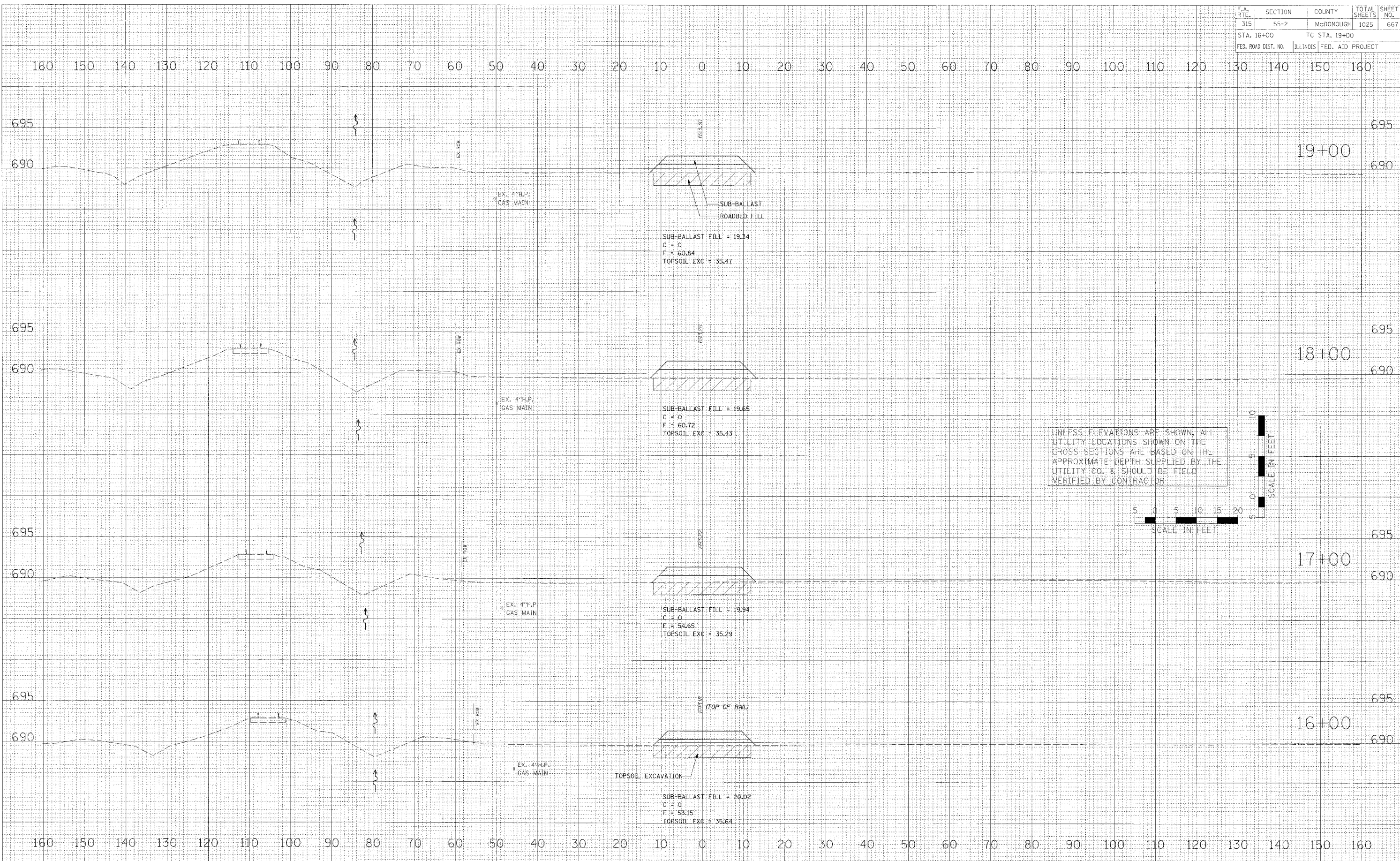


UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR.

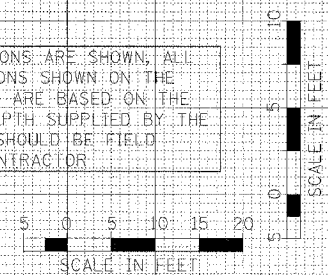


MAINTENANCE OF TRAFFIC - CROSS SECTIONS - RAILROAD SHOO-FLY - IL. ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------------|---------|-----------|---------------------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 667 |
| STA. 16+00 TO STA. 19+00 | | | ILLINOIS FED. AID PROJECT | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



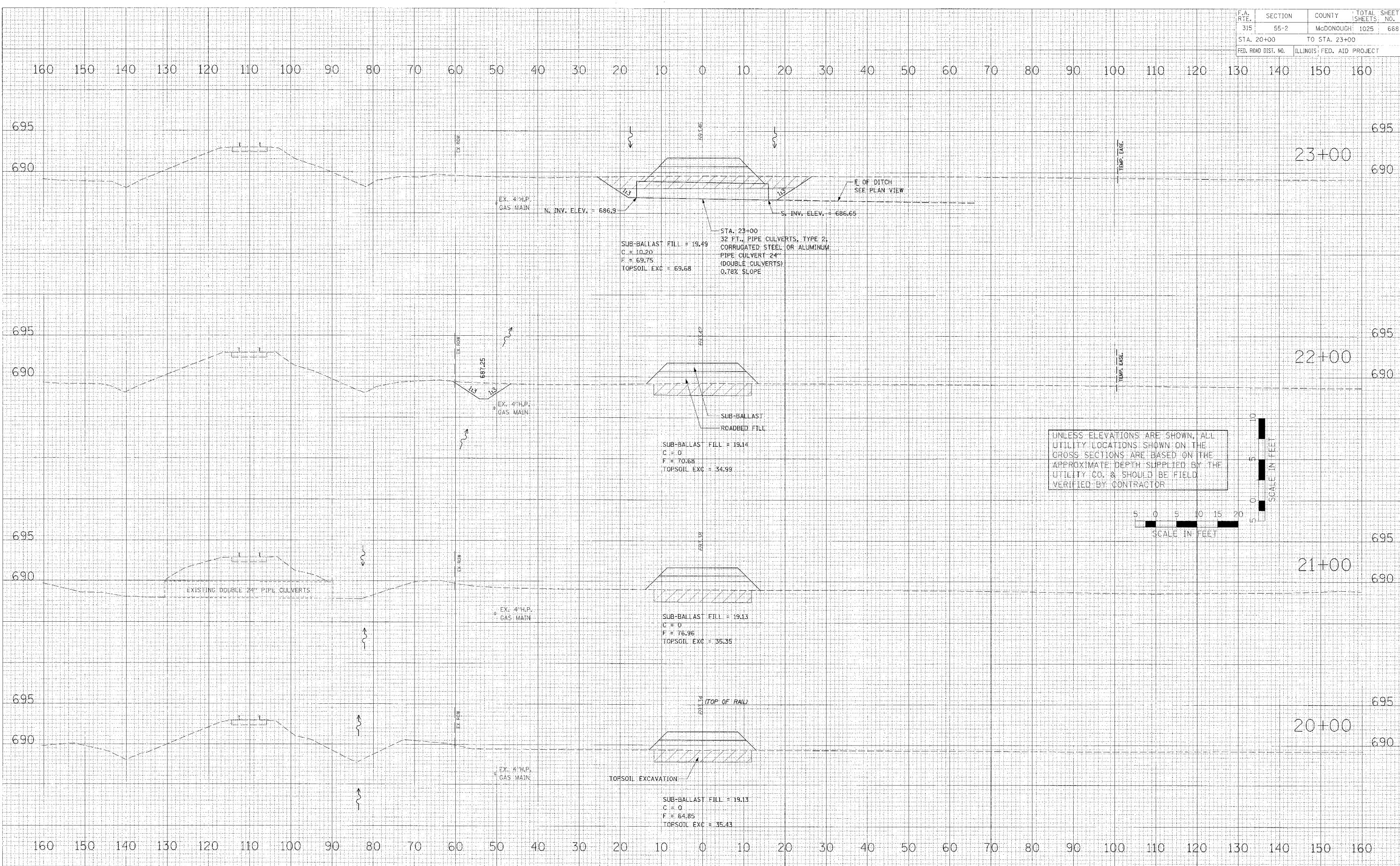
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 SURVEYED: _____
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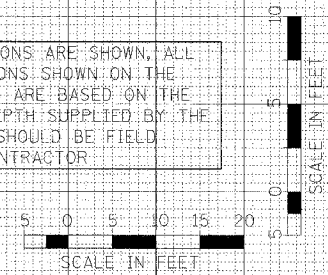
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MAINTENANCE OF TRAFFIC - CROSS SECTIONS - RAILROAD SHOO-FLY - IL. ROUTE 336

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|---------------------|---------|---------------------------|-------------------------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEET SHEETS, NO. |
| 315 | 55-2 | McDONOUGH | 1025 688 |
| STA. 20+00 | | TO STA. 23+00 | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR.



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PLOTTED
NOTE BOOK
NO.

DATE
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NOTE BOOK
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DATE
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NOTE BOOK
NO.

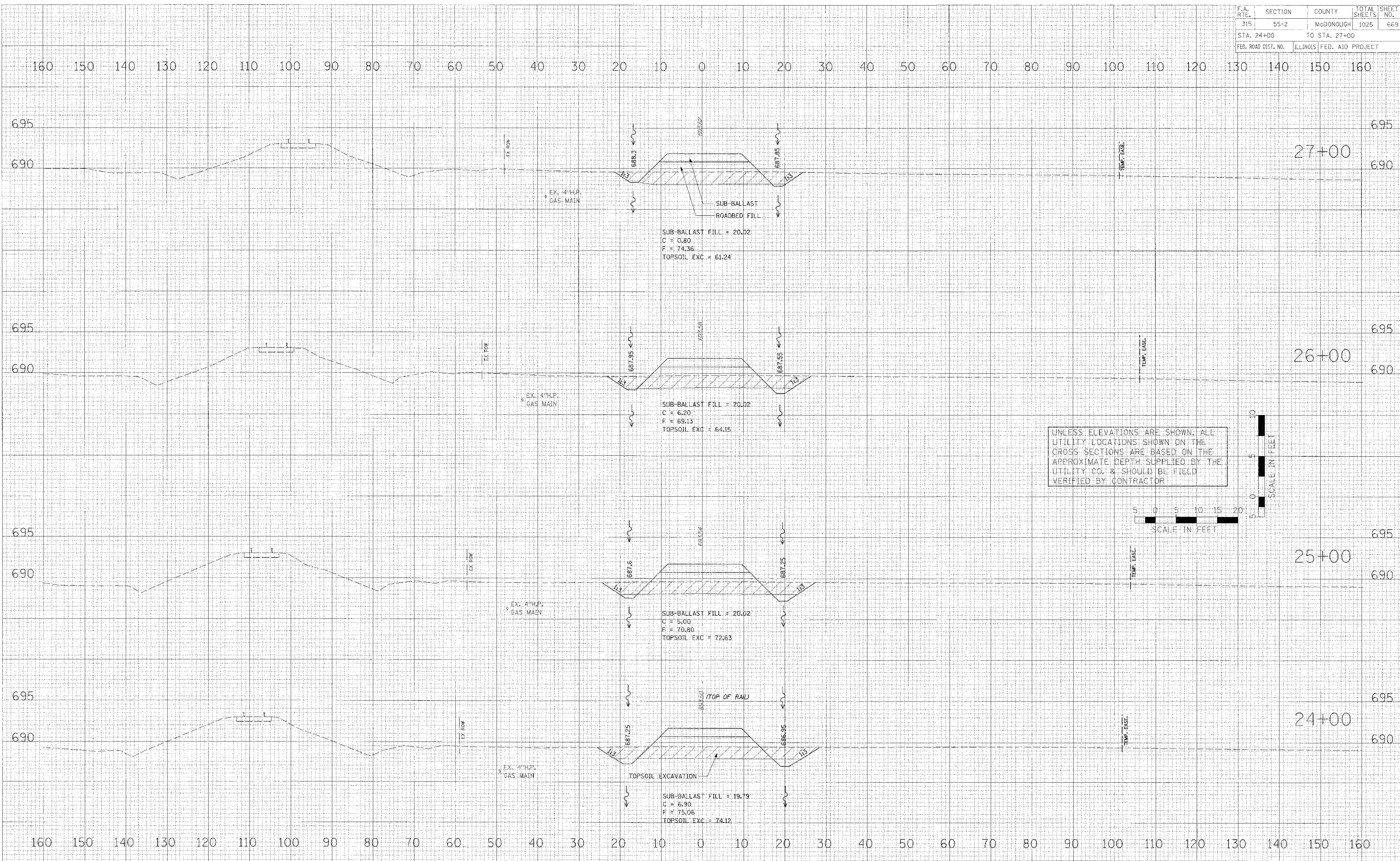
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - RAILROAD SHOO-FLY - IL. ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------------|----------|------------------|--------------|-----------|
| 315 | 55-2 | MOONOUGH | 1025 | 669 |
| STA. 24+00 TO STA. 27+00 | | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

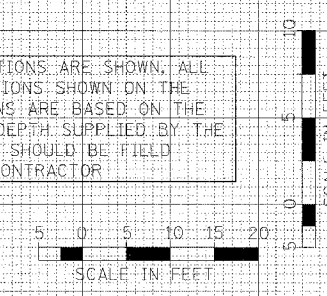
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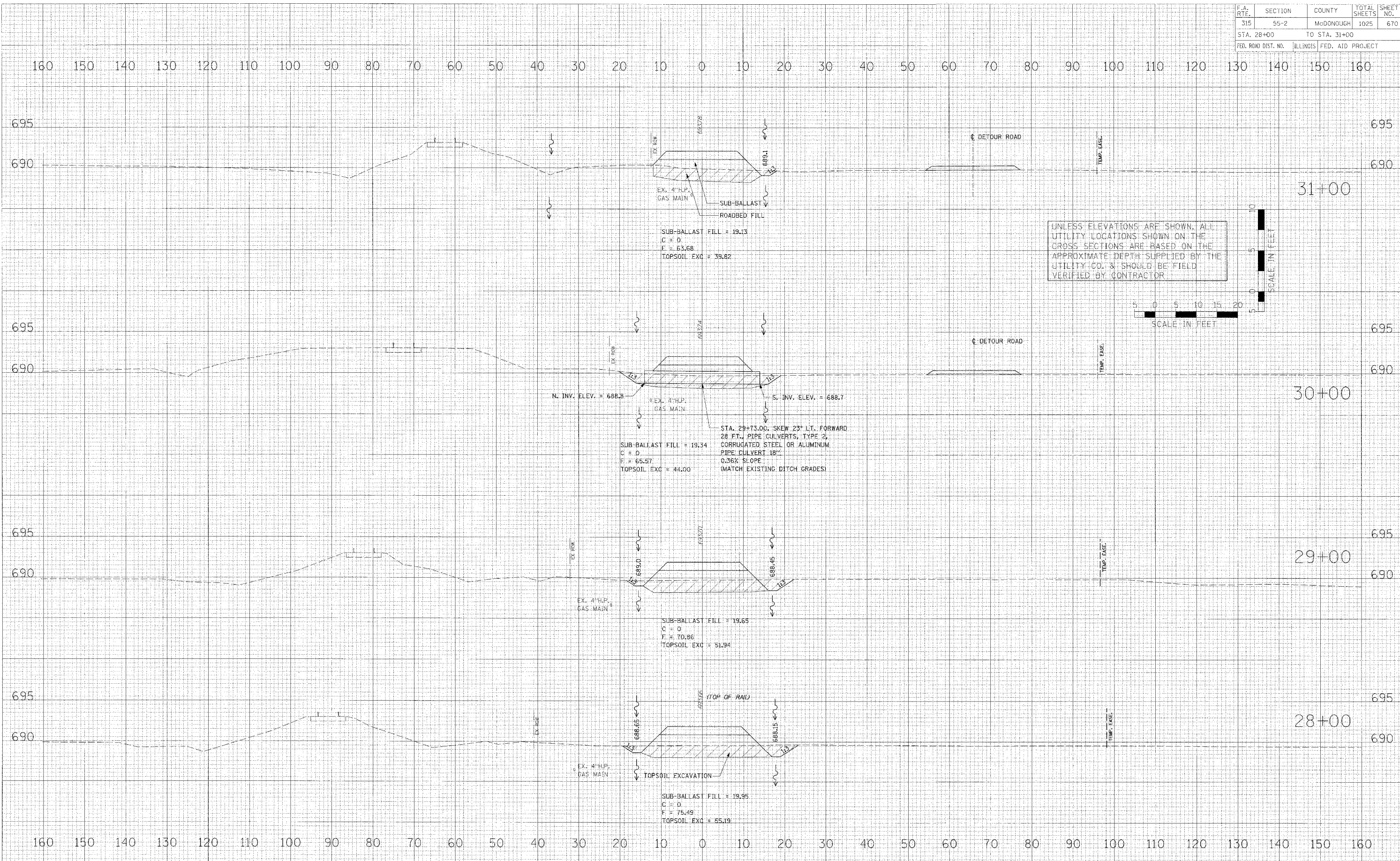


UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



MAINTENANCE OF TRAFFIC - CROSS SECTIONS - RAILROAD SHOO-FLY - IL. ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 670 |
| STA. 28+00 | | TO STA. 31+00 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



MAINTENANCE OF TRAFFIC - CROSS SECTIONS - RAILROAD SHOO-FLY - IL. ROUTE 336

DATE: _____
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DATE: _____
AREA: _____
NO. _____

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BY: _____
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AREA: _____
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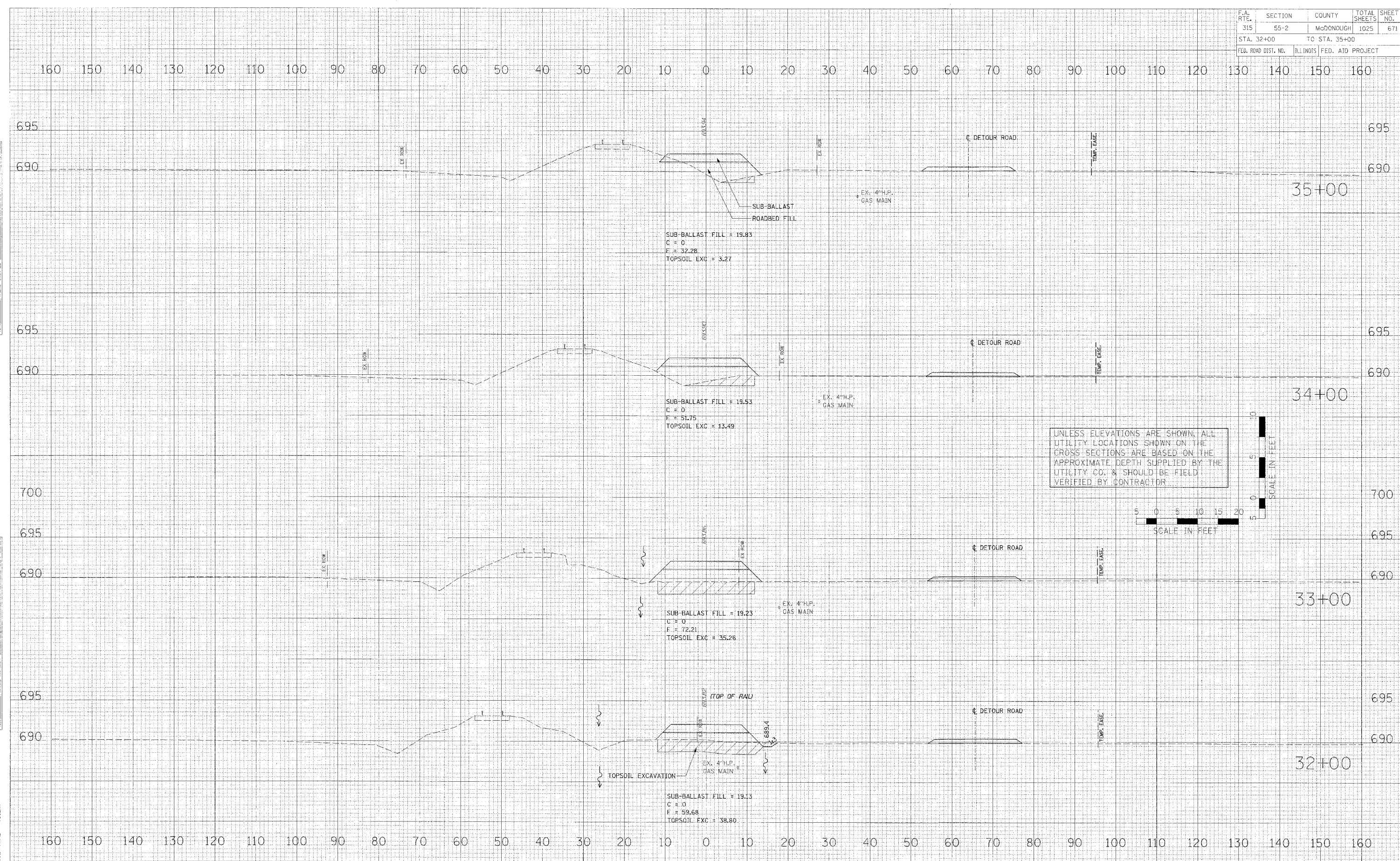
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BY: _____
CHECKED: _____
DATE: _____
AREA: _____
NO. _____

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 671 |
| STA. 32+00 | | TO STA. 35+00 | | |
| FED. ROAD DIST. NO. | BLINDS | FED. AID PROJECT | | |

| BY | DATE |
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| BY | DATE |
|----|------|
| | |

PLOT DATE = 04/25/04
 FILE NAME = 042504
 PLOT SCALE = 1/4"=1'-0"
 USER NAME = 042504



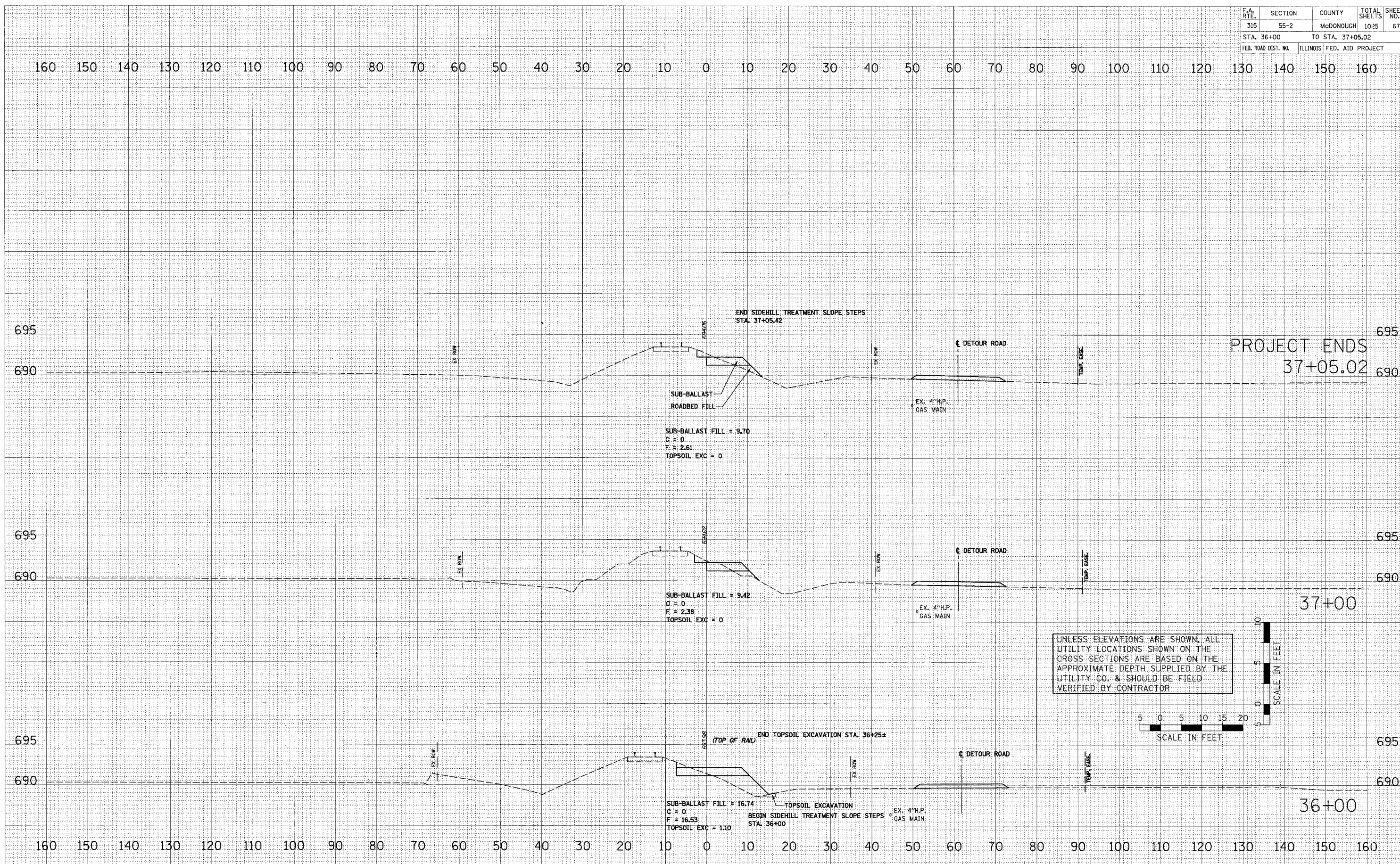
MAINTENANCE OF TRAFFIC - CROSS SECTIONS - RAILROAD SHOO-FLY - IL. ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 672 |
| STA. 36+00 | | TO STA. 37+05.02 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

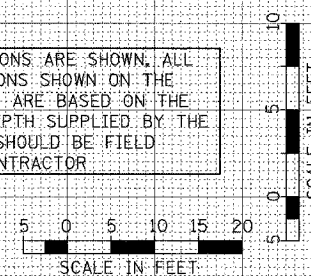
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| FINAL SURVEY | DATE |
| CONVERTED TO PLOT | BY |
| NOTE BOOK | |
| AREAS CHECKED | |

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| ORIGINAL SURVEY | DATE |
| CONVERTED TO PLOT | BY |
| NOTE BOOK | |
| AREAS CHECKED | |

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR

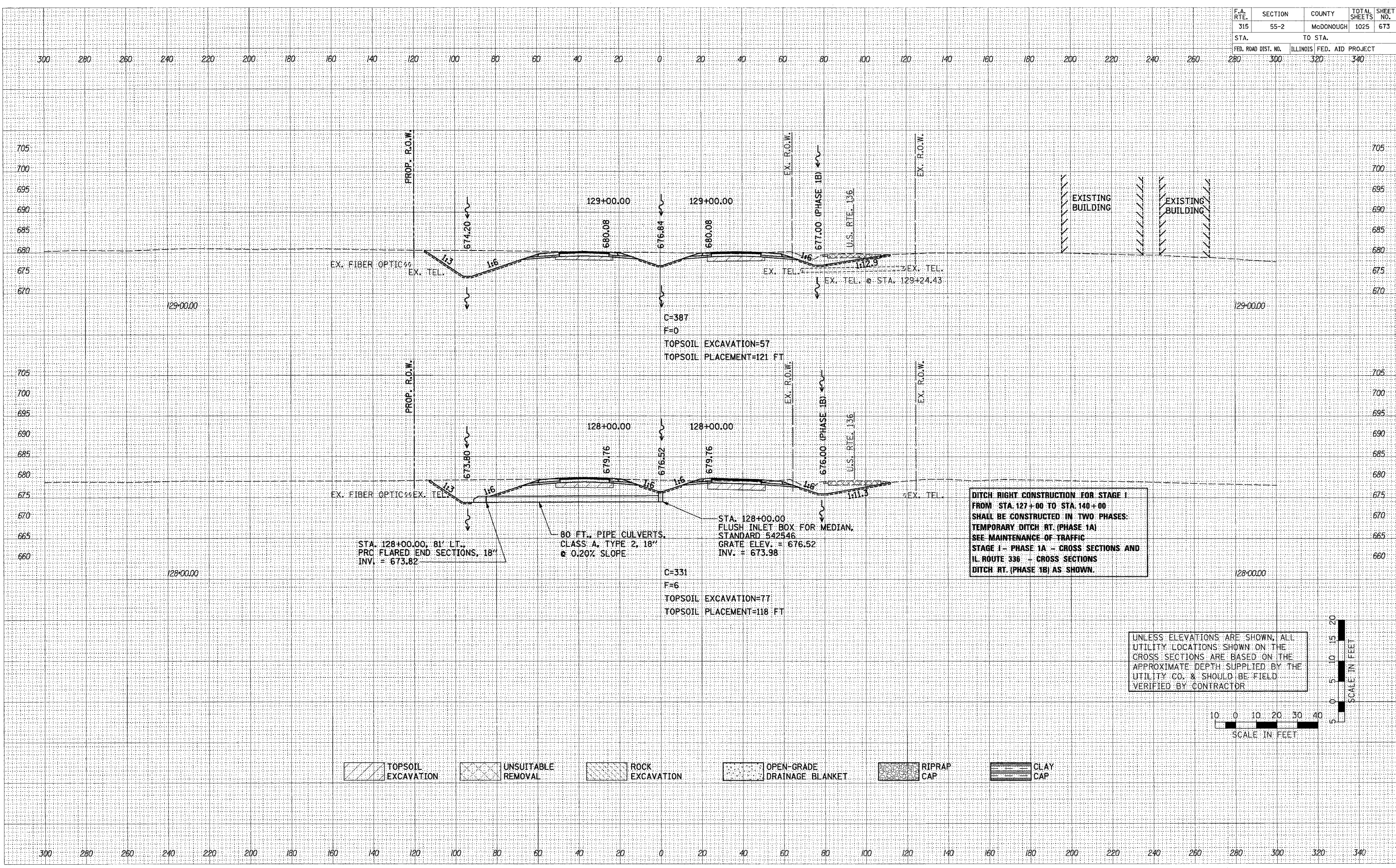


| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 673 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

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| DATE | BY |
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| SURVEYED | BY |
| PLOTTED | DATE |
| NOTE BOOK | NO. |
| AREAS CHECKED | |

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| DATE | BY |
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| SURVEYED | BY |
| PLOTTED | DATE |
| NOTE BOOK | NO. |
| AREAS CHECKED | |

PLOT DATE = #DATE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

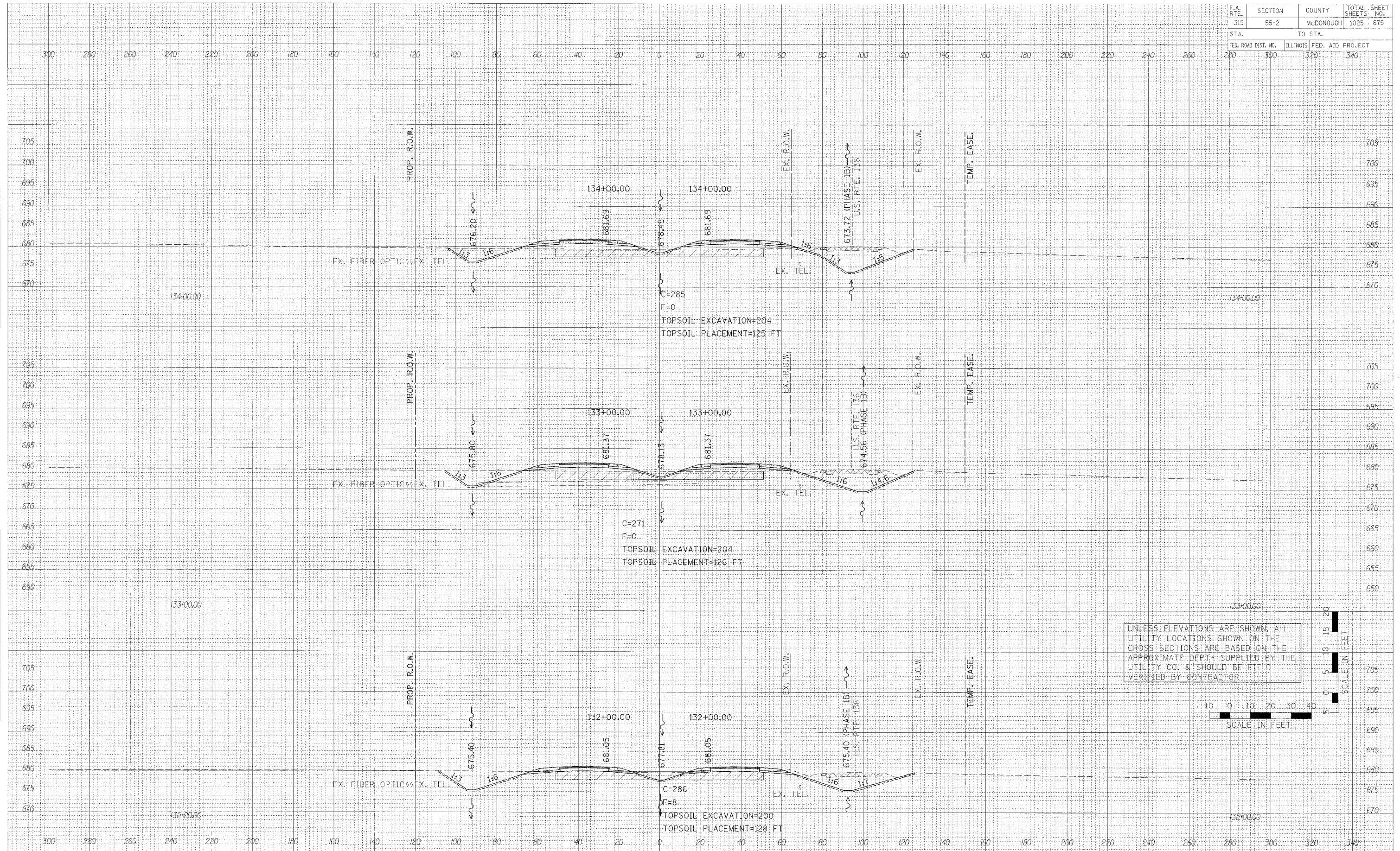


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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 675 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| 280 | | 300 | | 340 |

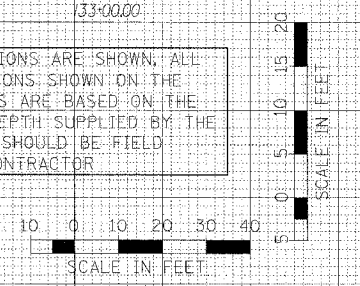
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| PLOT DATE = | #DATE# |
| FILE NAME = | #FILE# |
| PLOT SCALE = | #SCALE# |
| USER NAME = | #USER# |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



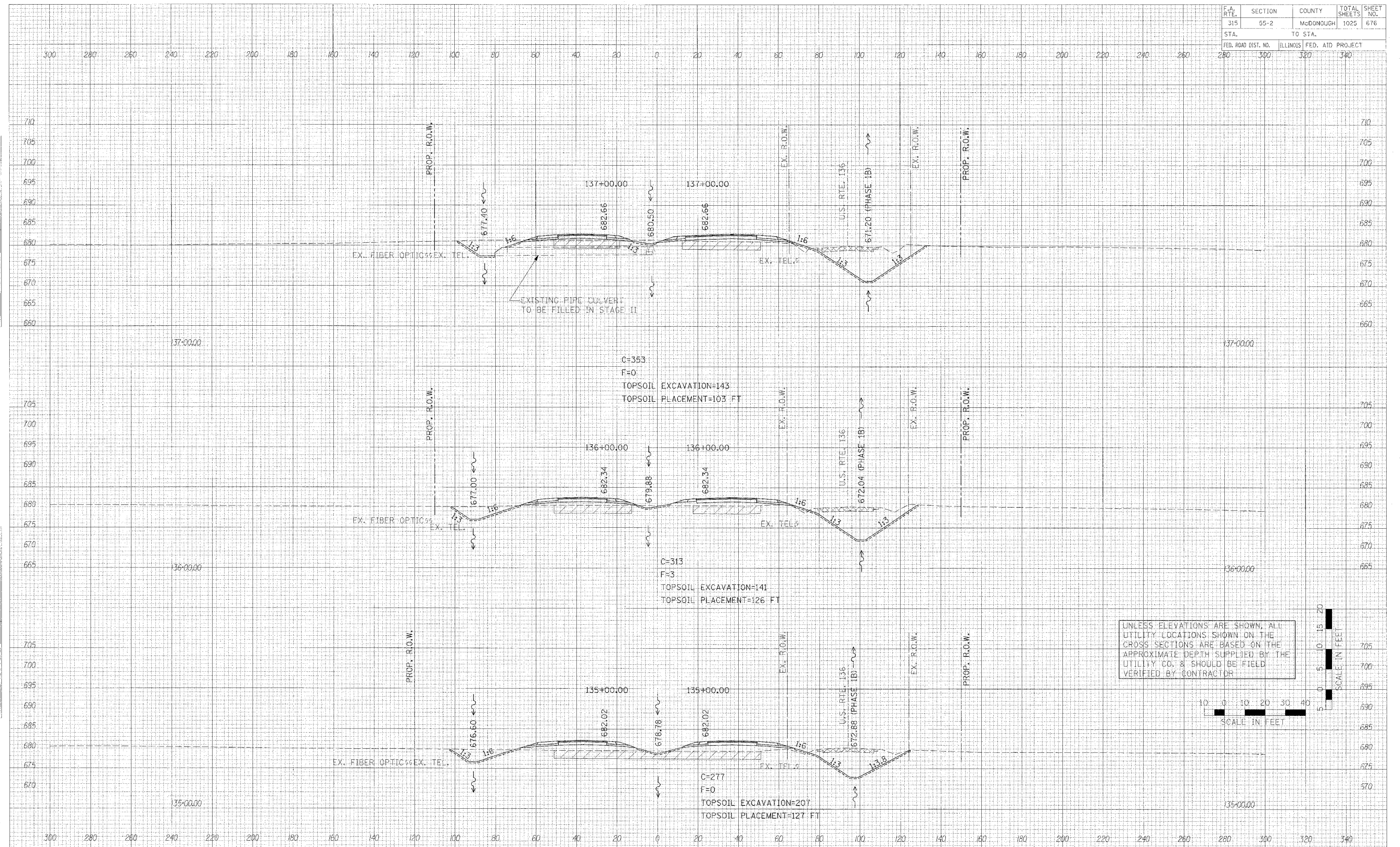
CROSS SECTIONS - IL. ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 676 |
| STA. TO STA. | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |
| 280 | 300 | 320 | 340 | |

| DATE | BY |
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| DATE | BY |
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| PLOT DATE = 04/25/06 | DATE |
| FILE NAME = 06716.dwg | BY |
| PLOT SCALE = 1"=40' | |
| USER NAME = RUSERP | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR.



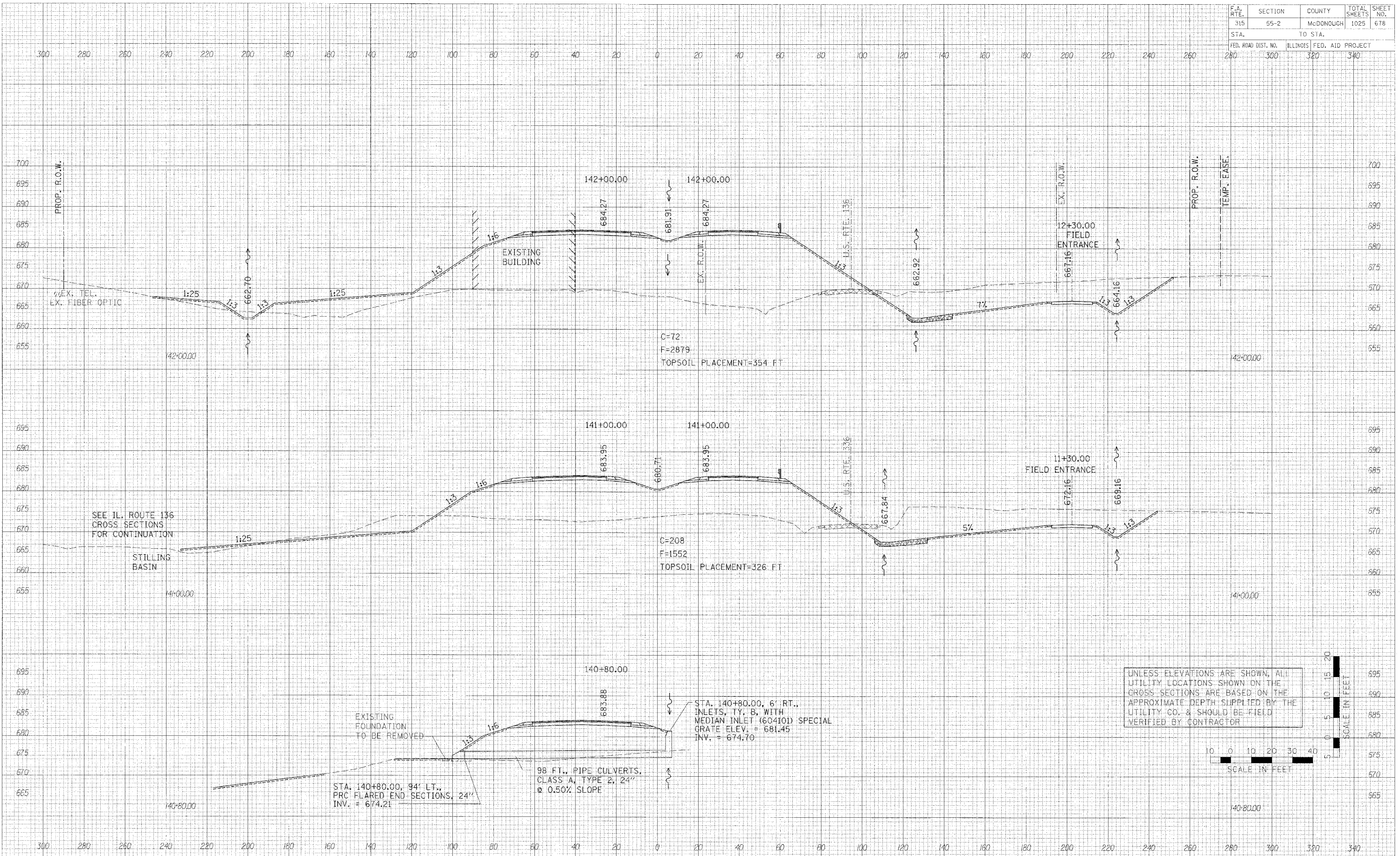
CROSS SECTIONS - IL ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|-----------|------------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 678 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| 280 | 300 | 320 | 340 | |

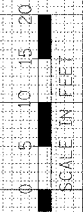
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| BY | |
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| DATE | |
| BY | |
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| AREA CHECKED | |



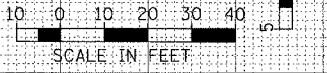
UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



CROSS SECTIONS - IL. ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 679 |
| STA. 280 TO STA. 340 | | ILLINOIS FED. AID PROJECT | | |

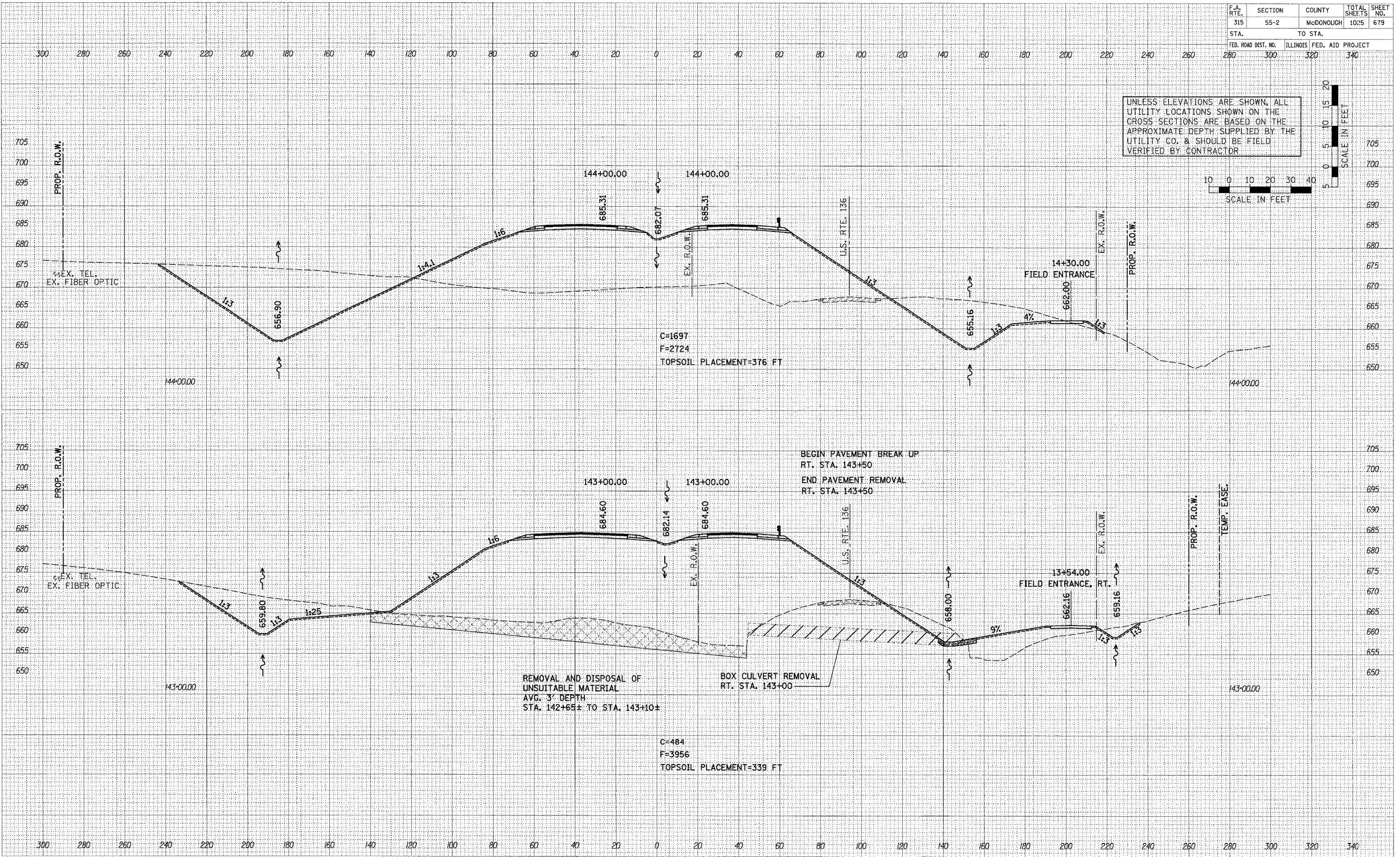
UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR.



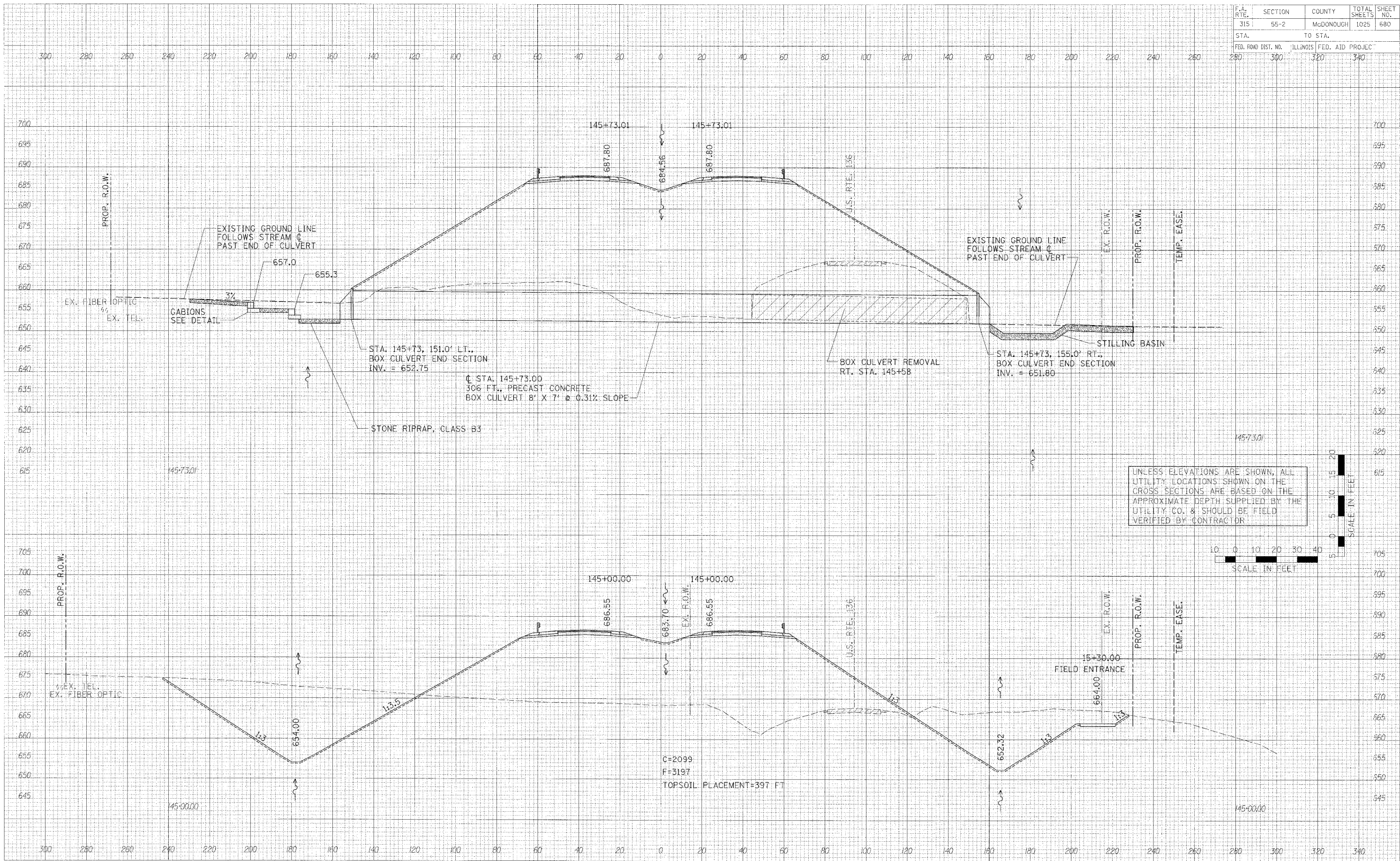
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| DATE | BY |
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PLOT DATE = 04/25/08
FILE NAME = FILEL14
PLOT SCALE = 1/4" = 100'
USER NAME = MUSENY



| | | | | |
|----------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 680 |
| STA. 250 TO STA. 340 | | ILLINOIS FED. AID PROJ. C | | |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



CROSS SECTIONS - IL. ROUTE 336

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| DATE | BY |
| REVISION | BY |
| NO. 1 | DATE |
| NO. 2 | DATE |
| NO. 3 | DATE |

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| DATE | BY |
| REVISION | BY |
| NO. 1 | DATE |
| NO. 2 | DATE |
| NO. 3 | DATE |

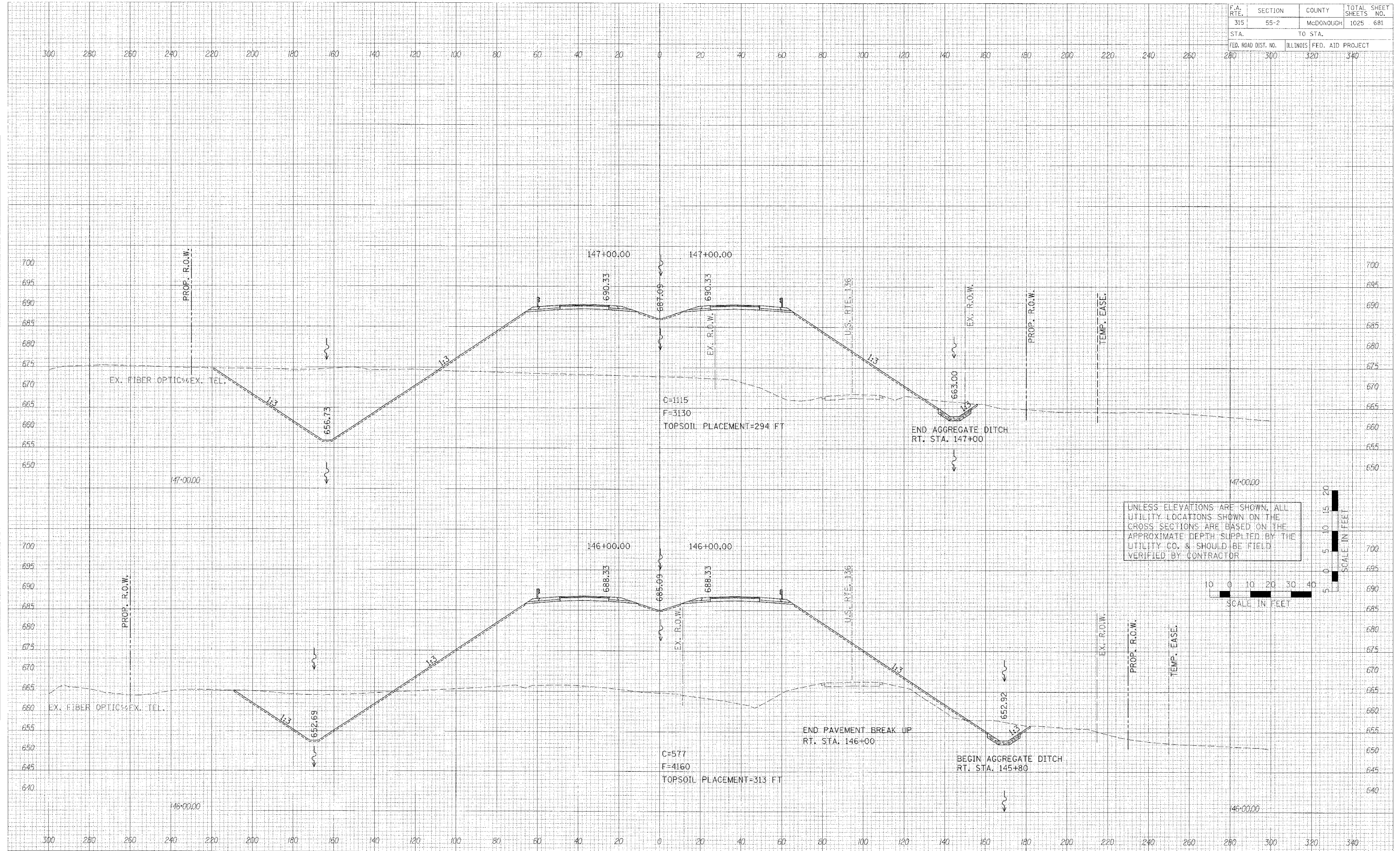
PLOT DATE: 3/31/2006 4:14:55 PM
 USER NAME: [unreadable]
 SCALE: [unreadable]

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|---------------------|---------|-----------|------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 681 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| 280 | 300 | 320 | 340 | |

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|-------------------|------|
| FINAL SURVEY DATE | DATE |
| NOTED SURVEY DATE | DATE |
| NOTED SURVEY DATE | DATE |
| NOTED SURVEY DATE | DATE |
| NOTED SURVEY DATE | DATE |
| NOTED SURVEY DATE | DATE |
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| NOTED SURVEY DATE | DATE |
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| NOTED SURVEY DATE | DATE |
| NOTED SURVEY DATE | DATE |
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| NOTED SURVEY DATE | DATE |

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FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#



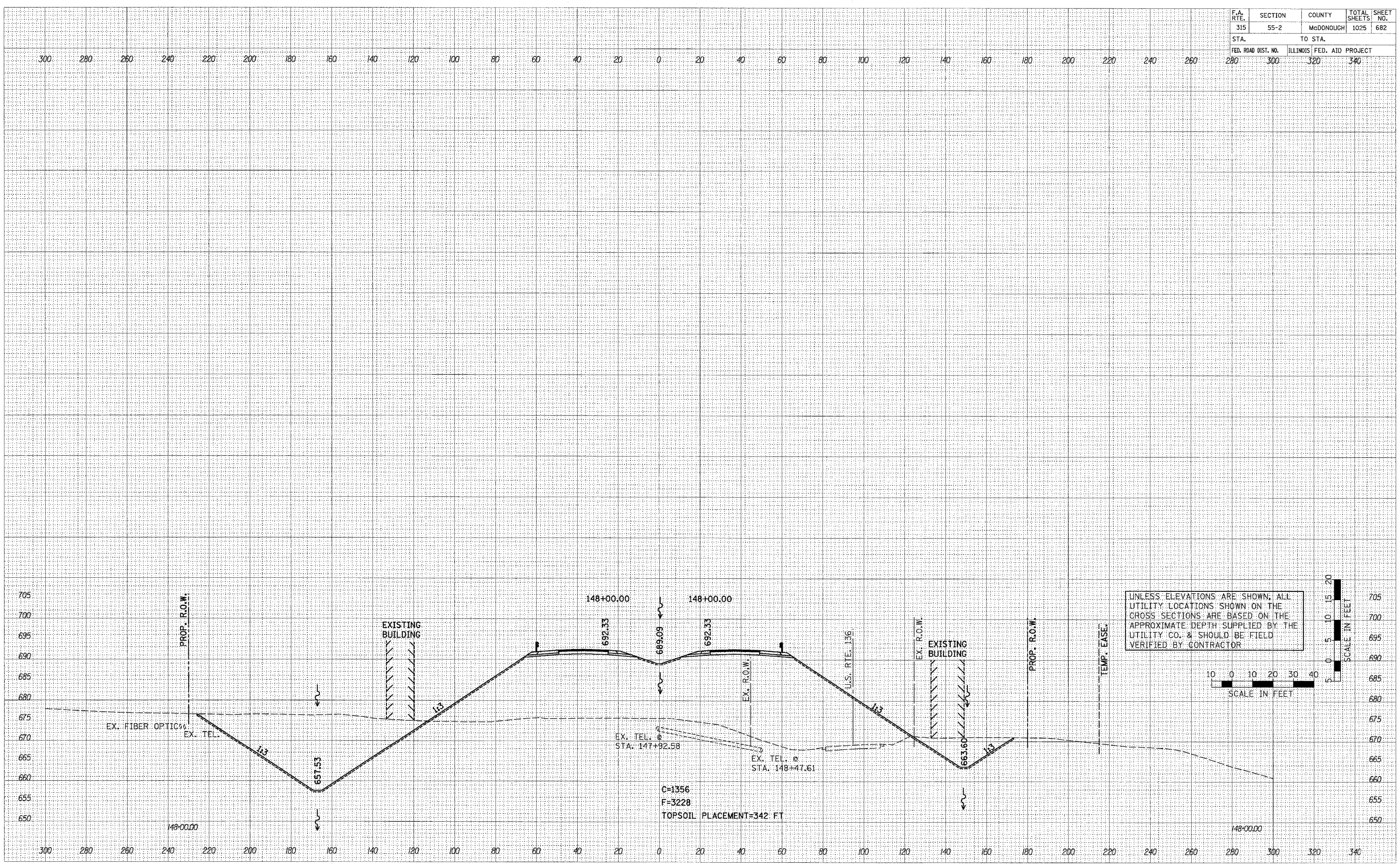
CROSS SECTIONS - IL. ROUTE 336

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 682 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

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

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

PLOT DATE = 8/27/84
 PLOT SCALE = 1"=40'
 USER NAME = JLS/ERB



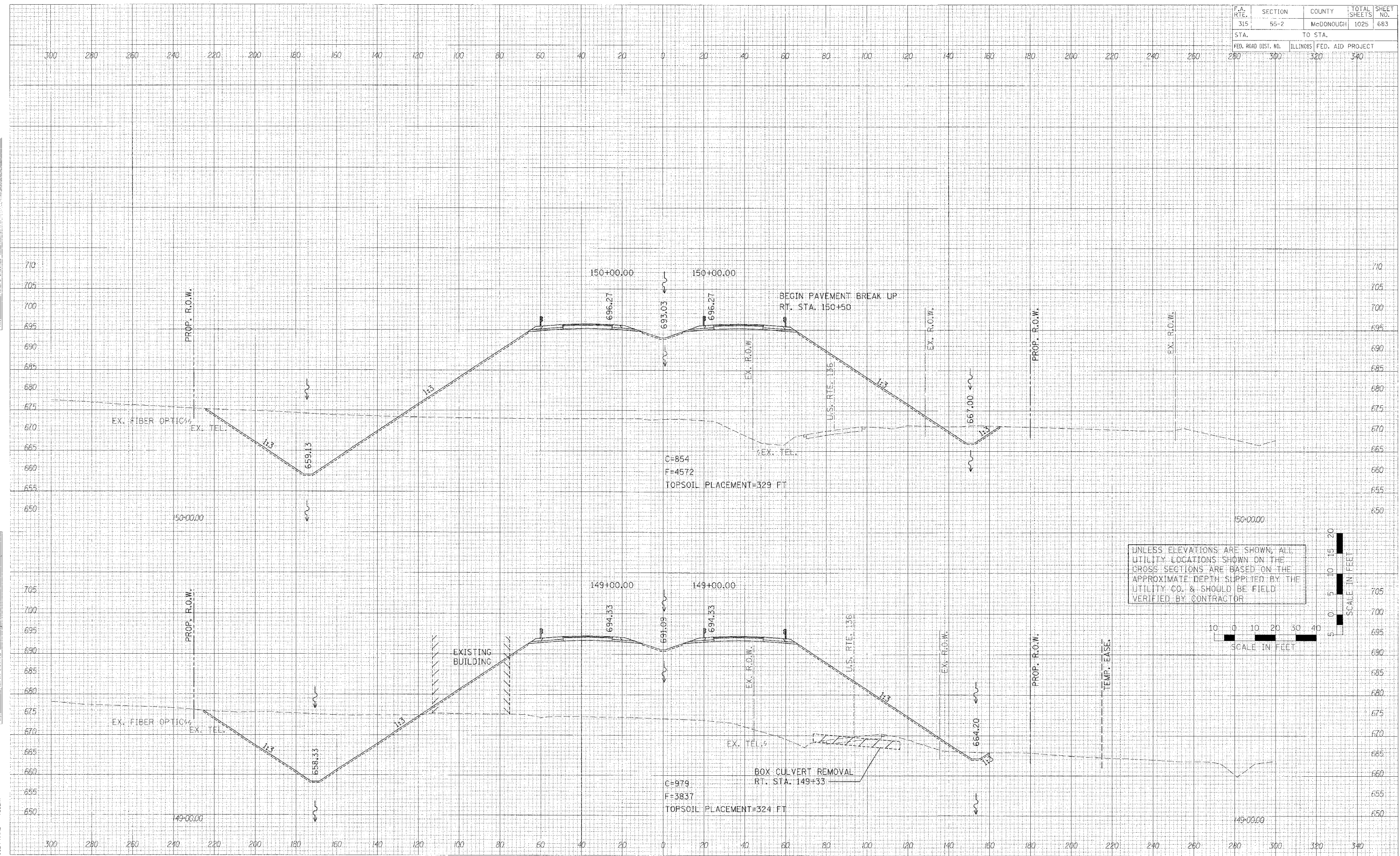
CROSS SECTIONS - IL. ROUTE 336

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|---------------------|----------|------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 683 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| 280 | 300 | 320 | 540 | |

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| ROUTE BOOK | |
| AREAS | |
| AREAS CHECKED | |
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| PLOT DATE | DATE |
| FILE NAME | FILE |
| PLOT SCALE | SCALE |
| USER NAME | USER |



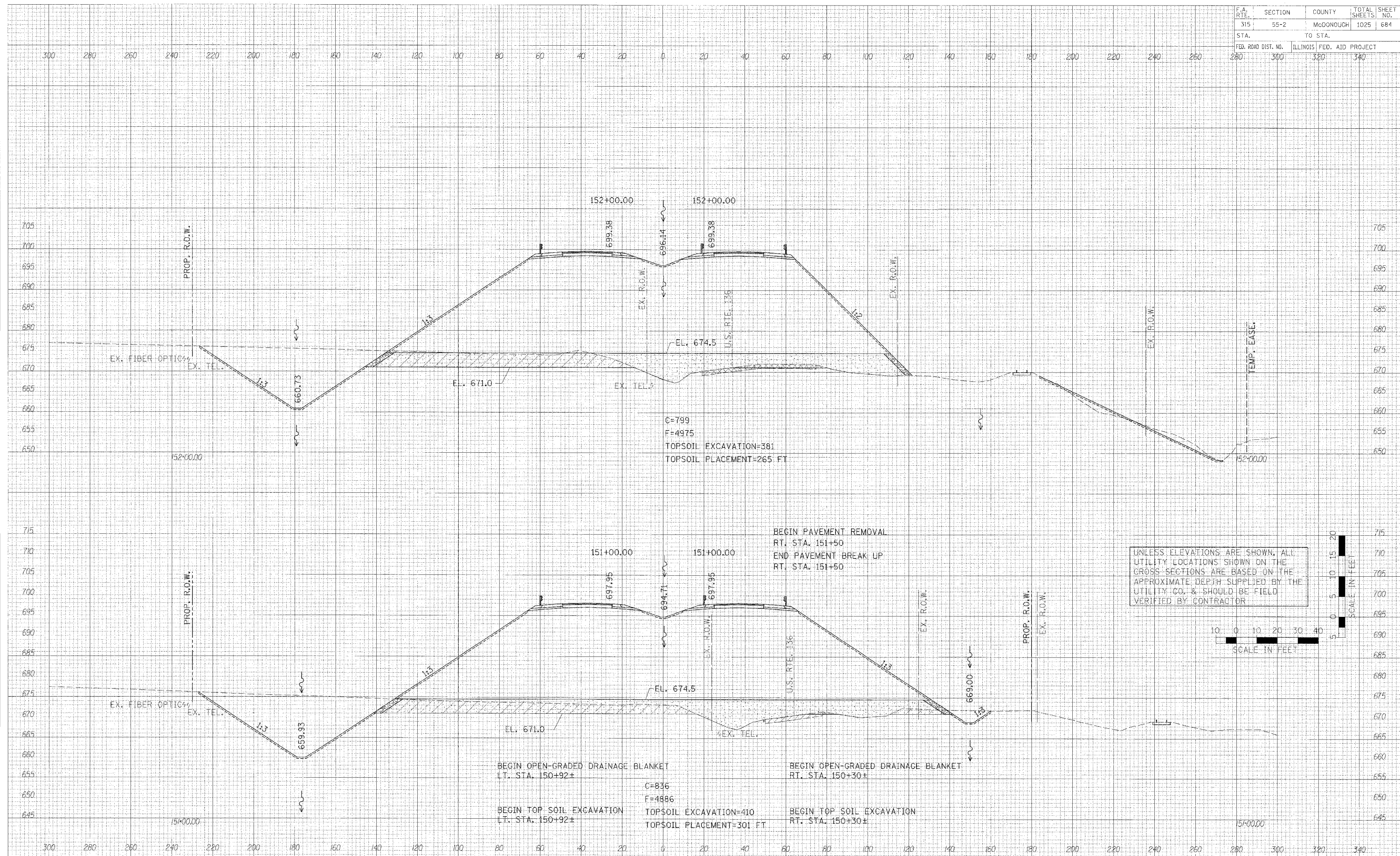
CROSS SECTIONS - IL. ROUTE 336

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 684 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

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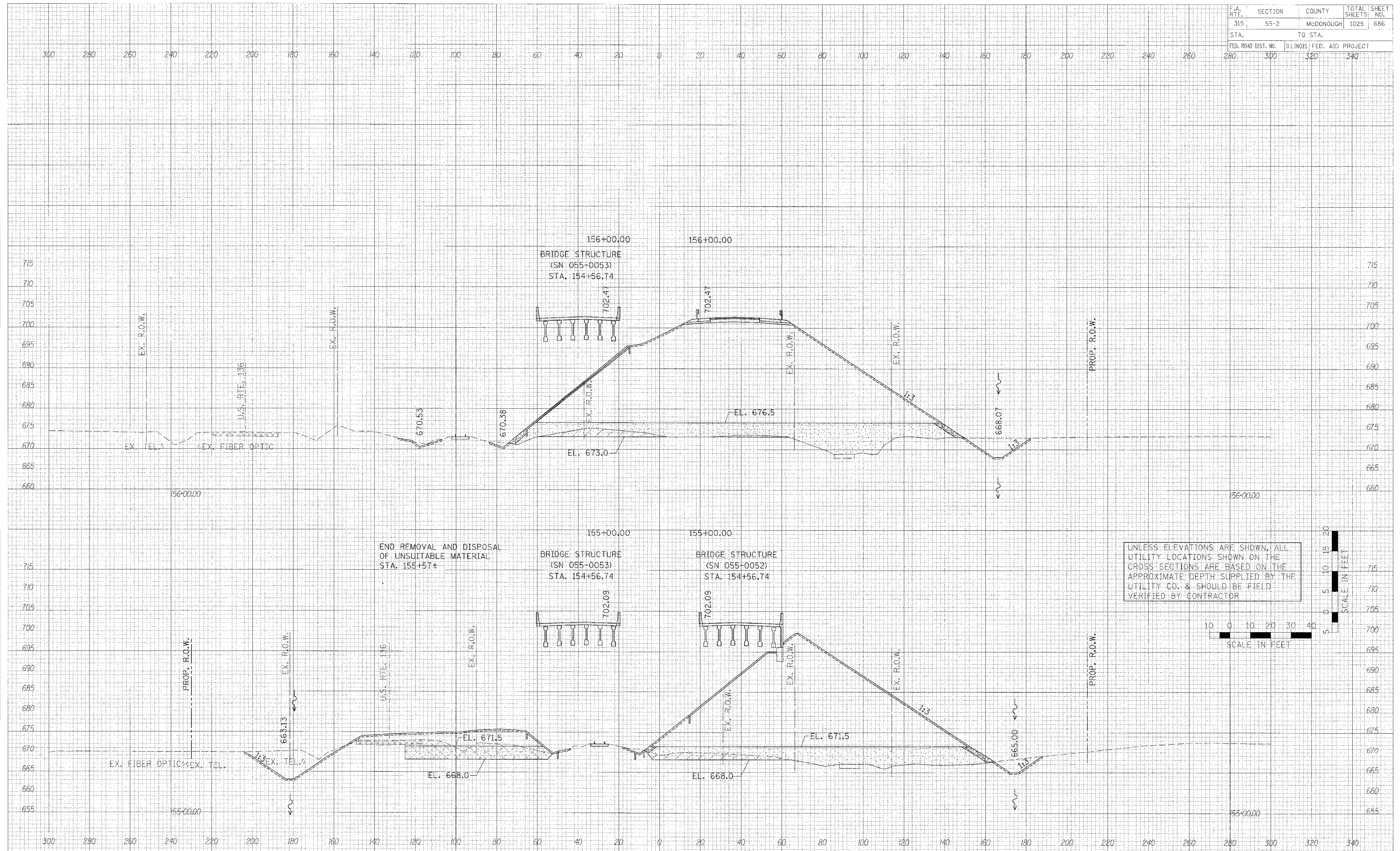
CROSS SECTIONS - IL. ROUTE 336

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RT. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 686 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

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PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



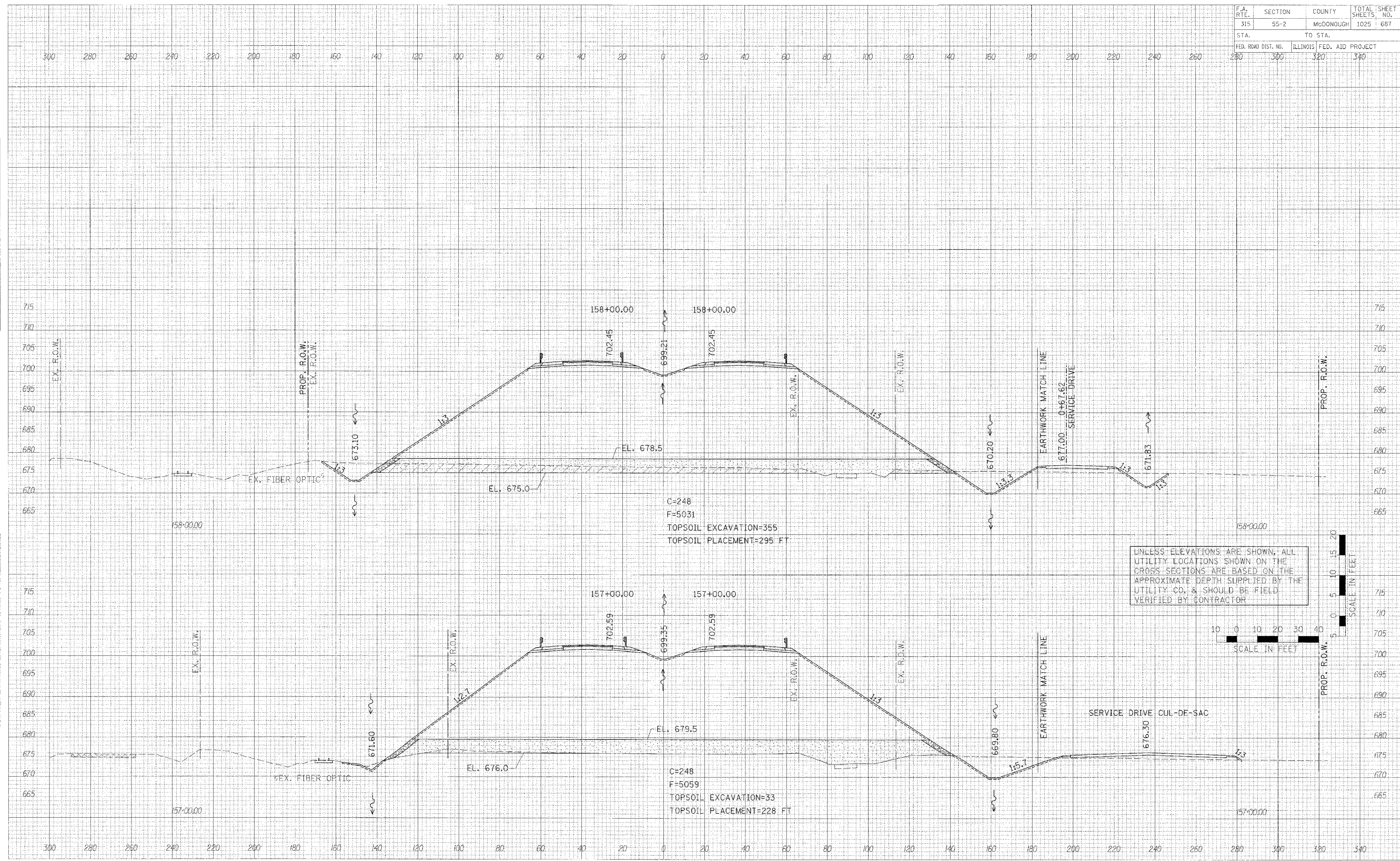
CROSS SECTIONS - IL. ROUTE 336

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|---------------------|----------|------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 687 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

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| FINAL SURVEY | DATE |
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| NOTE BOOK | |
| TEMPLATE | |
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| ORIGINAL SURVEY | DATE |
| SURVEYED | |
| NOTE BOOK | |
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| PLOT DATE = #DATE# |
| FILE NAME = #FILES# |
| PLOT SCALE = #SCALE# |
| USER NAME = #USER# |



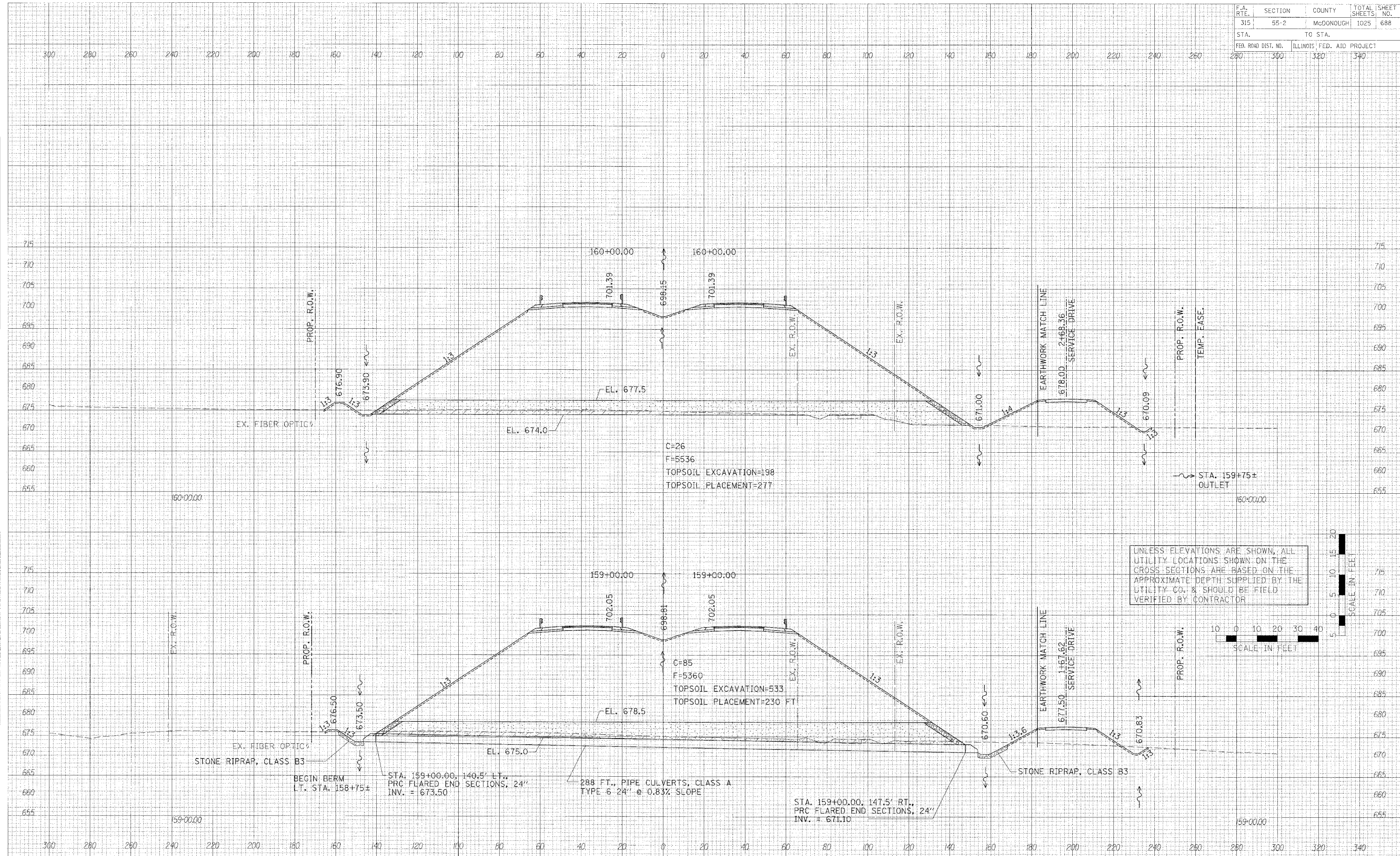
CROSS SECTIONS - IL ROUTE 336

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 688 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

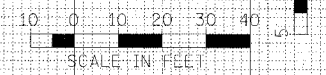
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| PLOT DATE | # DATA |
| FILE NAME | # FILE |
| PLOT SCALE | # SCALE |
| USER NAME | # USER |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



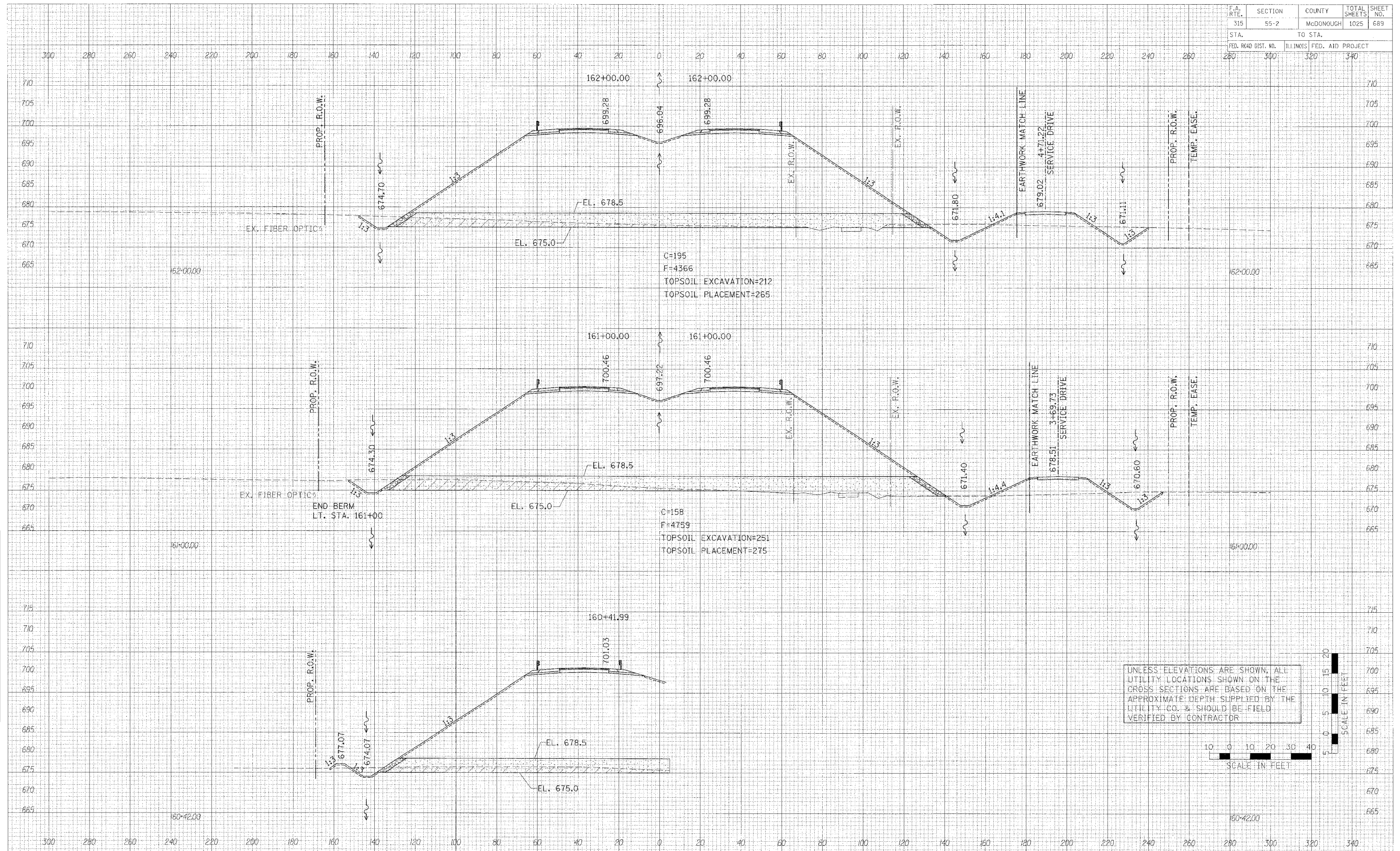
CROSS SECTIONS - IL. ROUTE 336

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 689 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | | 300 320 340 | | |

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| FINAL SURVEY | |
| NOTE BOOK | |
| AREAS CHECKED | |
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| ORIGINAL SURVEY | |
| NOTE BOOK | |
| AREAS CHECKED | |
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| DATE | BY |
| | |
| FILE NAME | |
| SCALE | |
| USER NAME | |



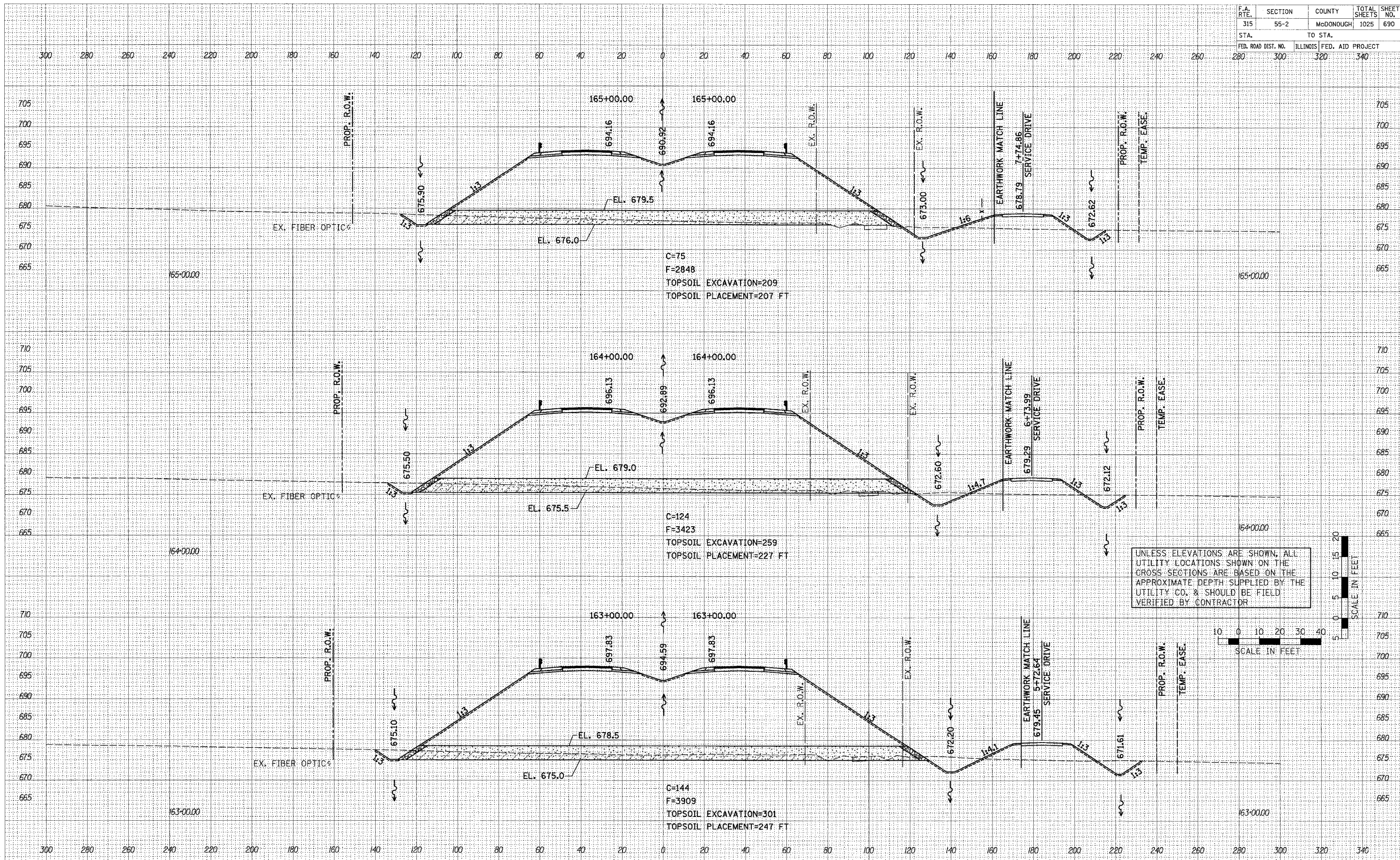
CROSS SECTIONS - IL. ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 690 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

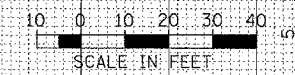
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| ORIGINAL SURVEY | |
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| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

PLOT DATE = #DATE*
 PLOT SCALE = #SCALE*
 USER NAME = #USER*



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR

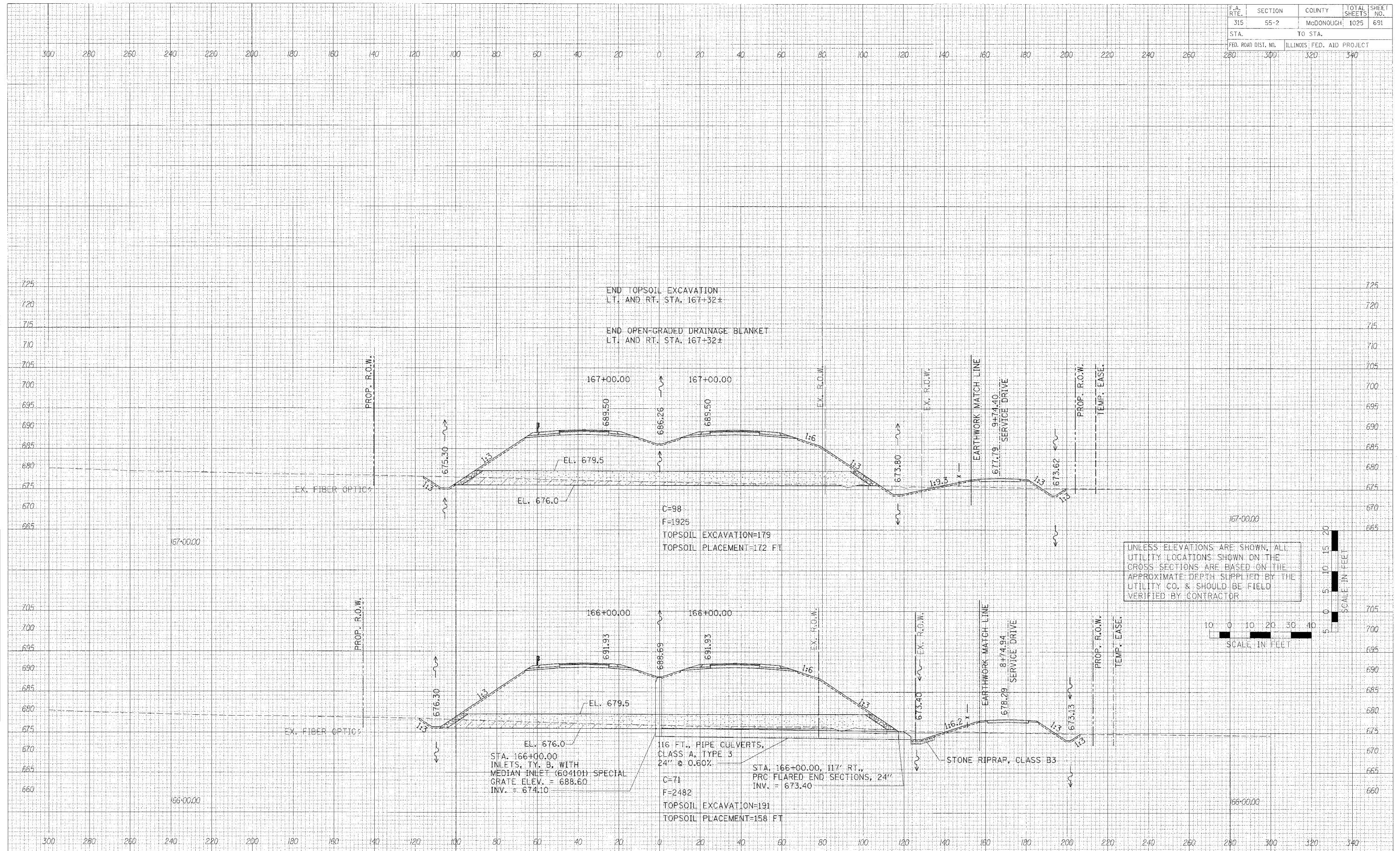


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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 691 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

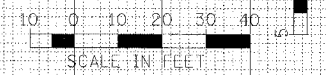
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PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



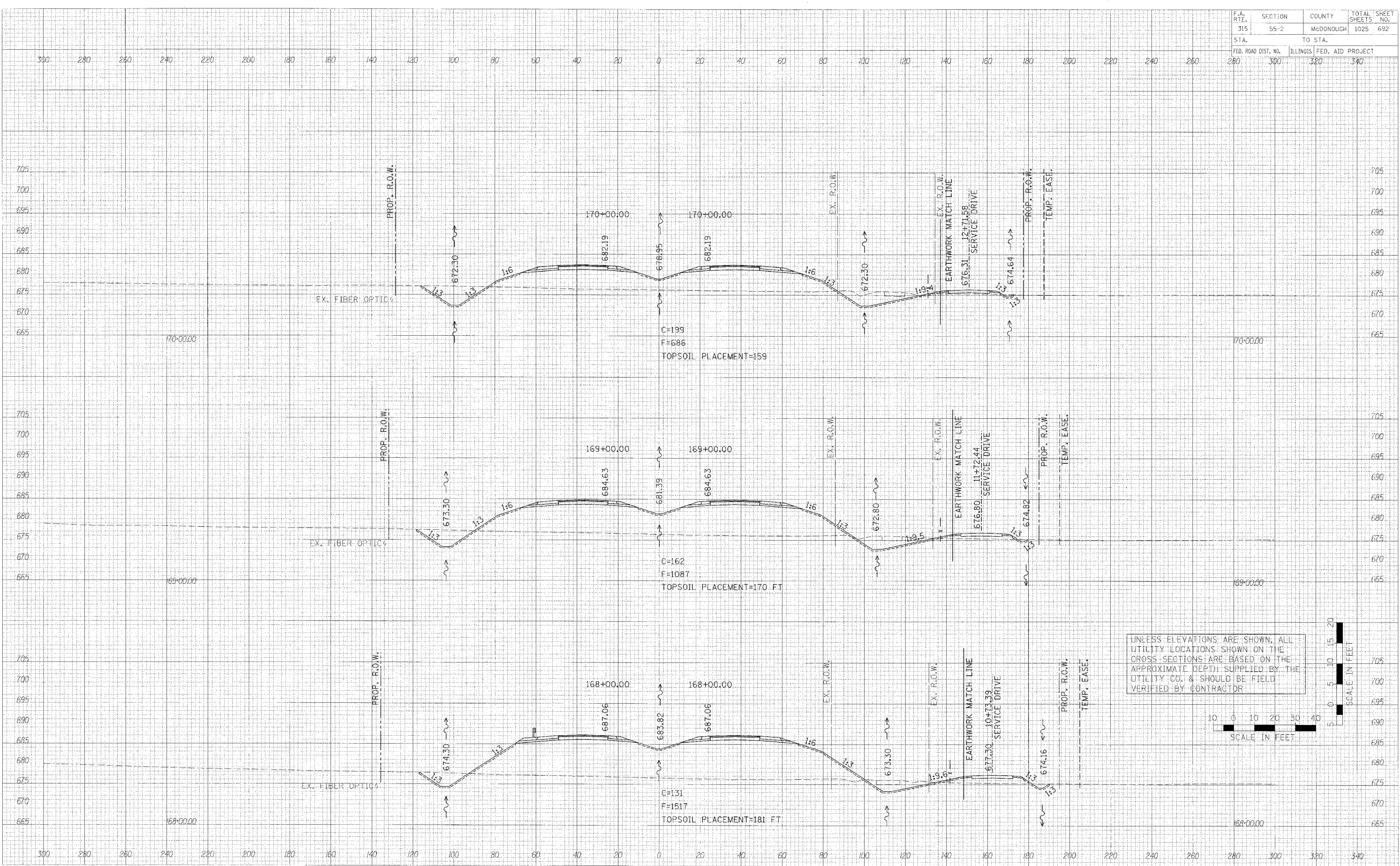
CROSS SECTIONS - IL. ROUTE 336

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|---------------------|----------|------------------|------------------------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEET SHEETS NO. |
| 315 | 55-2 | McDONOUGH | 1025 692 |
| STA. | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | |
| 280 | 300 | 320 | 340 |

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| DATE | BY |
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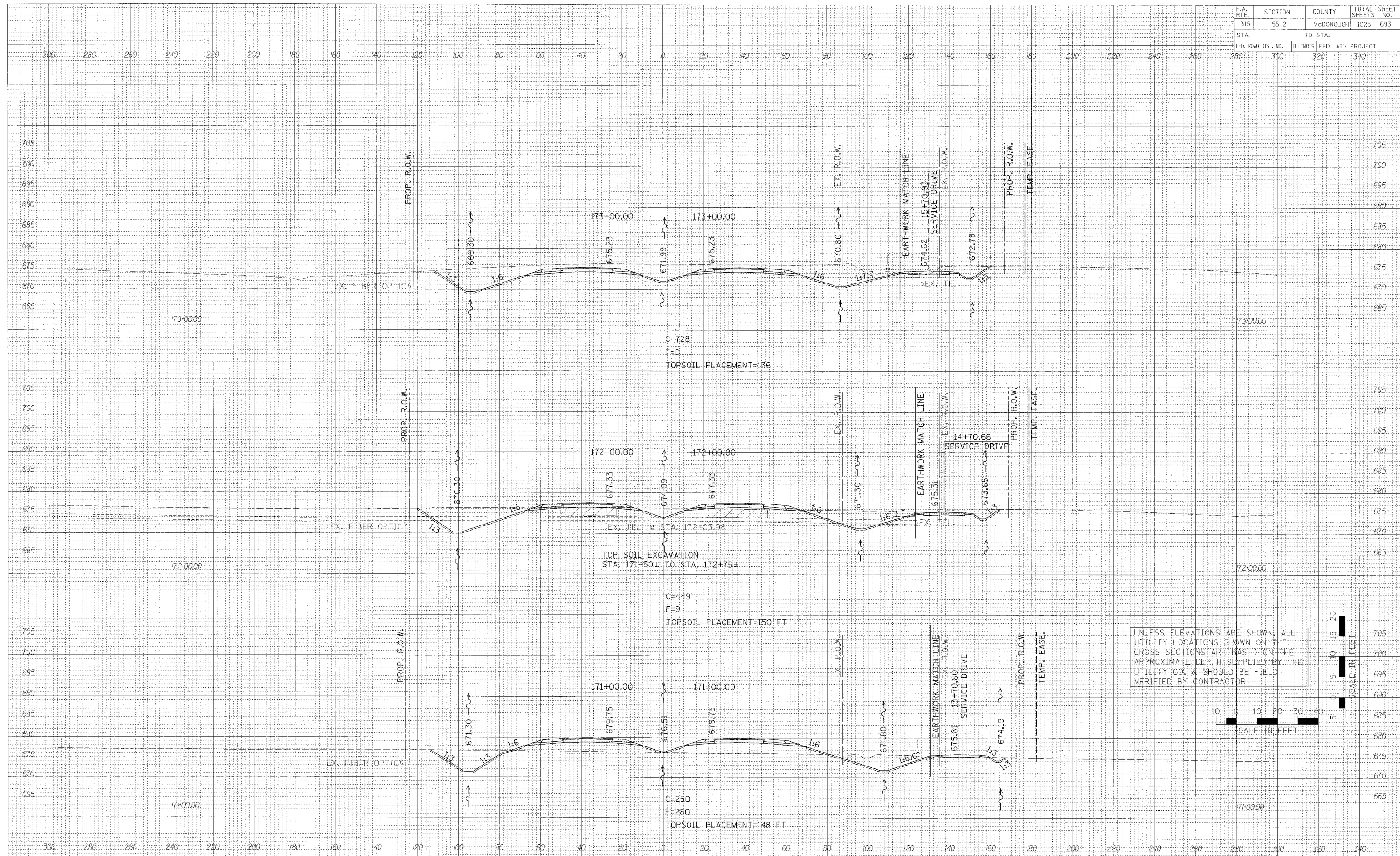
CROSS SECTIONS - IL. ROUTE 336

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|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 693 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

FINAL SURVEYED DATE
 SURVEY BY
 NO. & BOOK NO. & CHECKED
 TEMPLATE AREAS CHECKED

ORIGINAL SURVEYED DATE
 SURVEY BY
 NO. & BOOK NO. & CHECKED
 TEMPLATE AREAS CHECKED

PLOT DATE = #DATE#
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 PLOT SCALE = #SCALE#
 USER NAME = #USER#



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



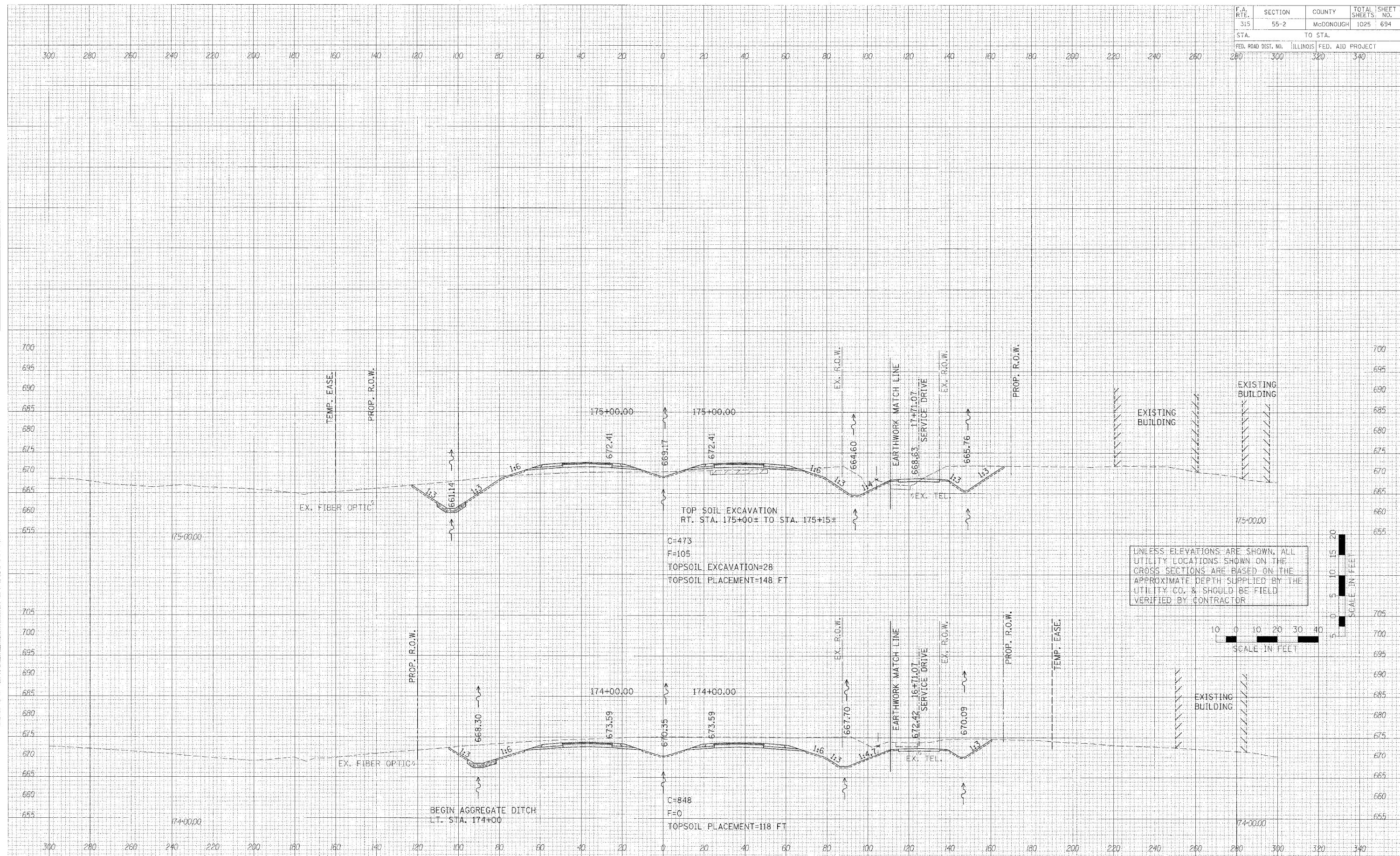
CROSS SECTIONS - IL ROUTE 336

| | | | | |
|---------------------|---------|-----------|------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 694 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| 240 | 300 | 320 | 340 | |

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| DATE | BY |
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| DATE | BY |
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| DATE | BY |
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PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



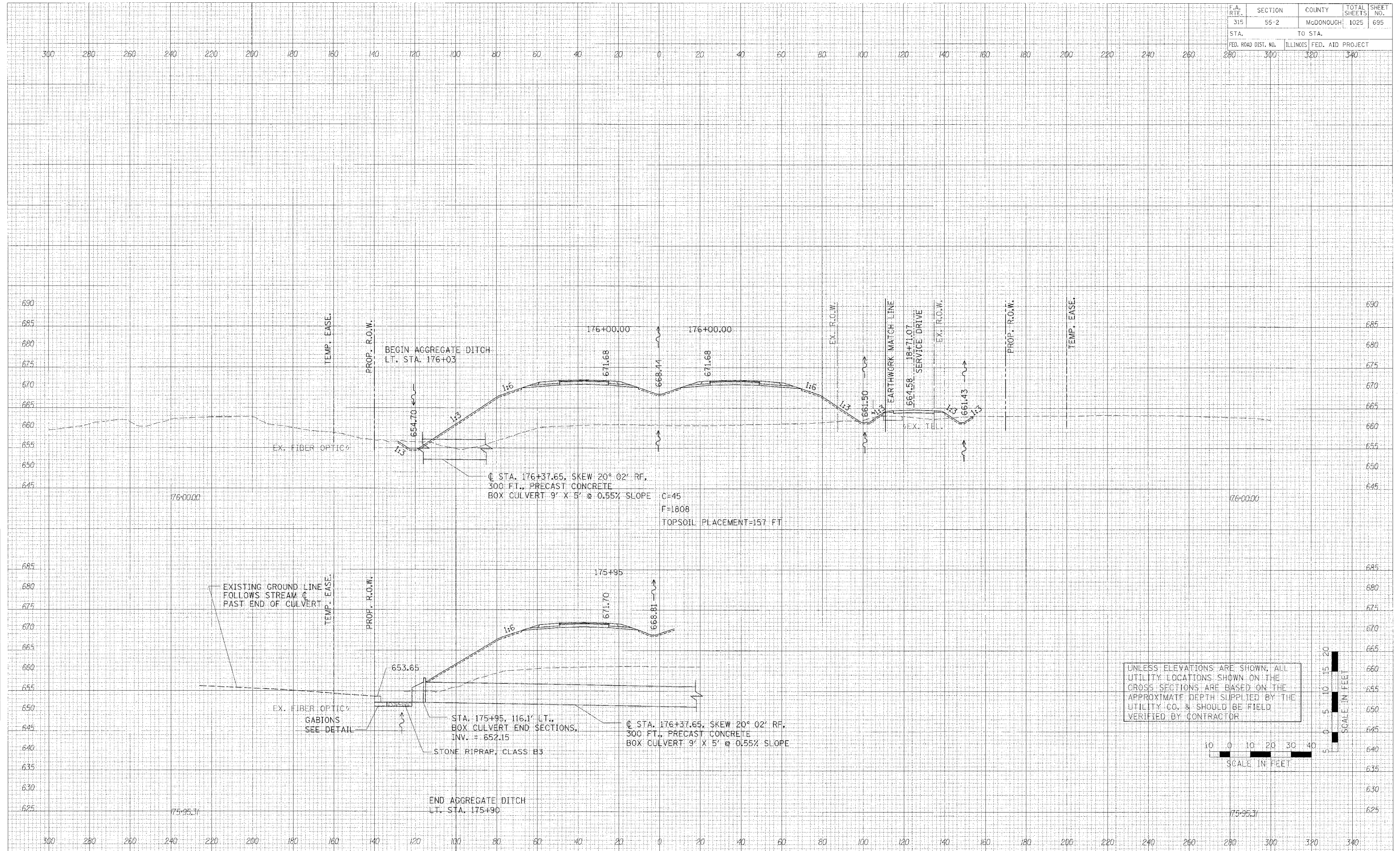
CROSS SECTIONS - IL ROUTE 336

| | | | | |
|---------------------|---------|-----------|------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 695 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| 280 | | 300 | | 340 |

| | |
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| FINAL SURVEY | DATE |
| NOTE BOOK | |
| AREAS CHECKED | |
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| ORIGINAL SURVEY | DATE |
| NOTE BOOK | |
| AREAS CHECKED | |
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PLOT DATE = #DATE#
FILE NAME = #FILE#&
PLOT SCALE = #SCALE#
USER NAME = #USER#



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



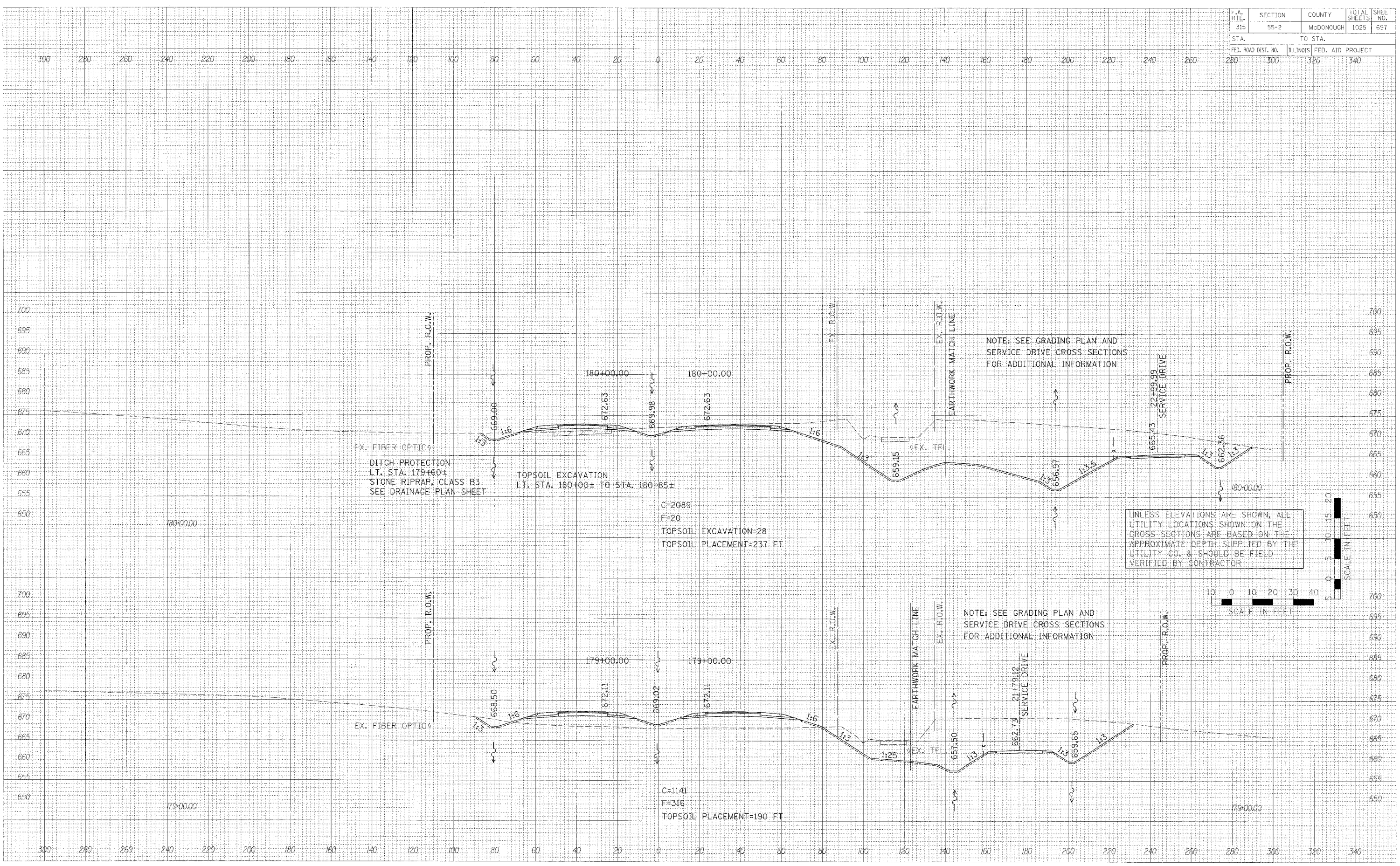
CROSS SECTIONS - IL. ROUTE 336

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 315 | 55-2 | McDONOUGH | 1025 | 697 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | | 300 320 340 | | |

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|----------|------|
| BY | DATE |
| DESIGNED | |
| DRAWN | |
| CHECKED | |
| APPROVED | |
| NO. | |

| | |
|----------|------|
| BY | DATE |
| DESIGNED | |
| DRAWN | |
| CHECKED | |
| APPROVED | |
| NO. | |

| | |
|-------|-----|
| DATE | BY |
| SCALE | NO. |
| USER | |



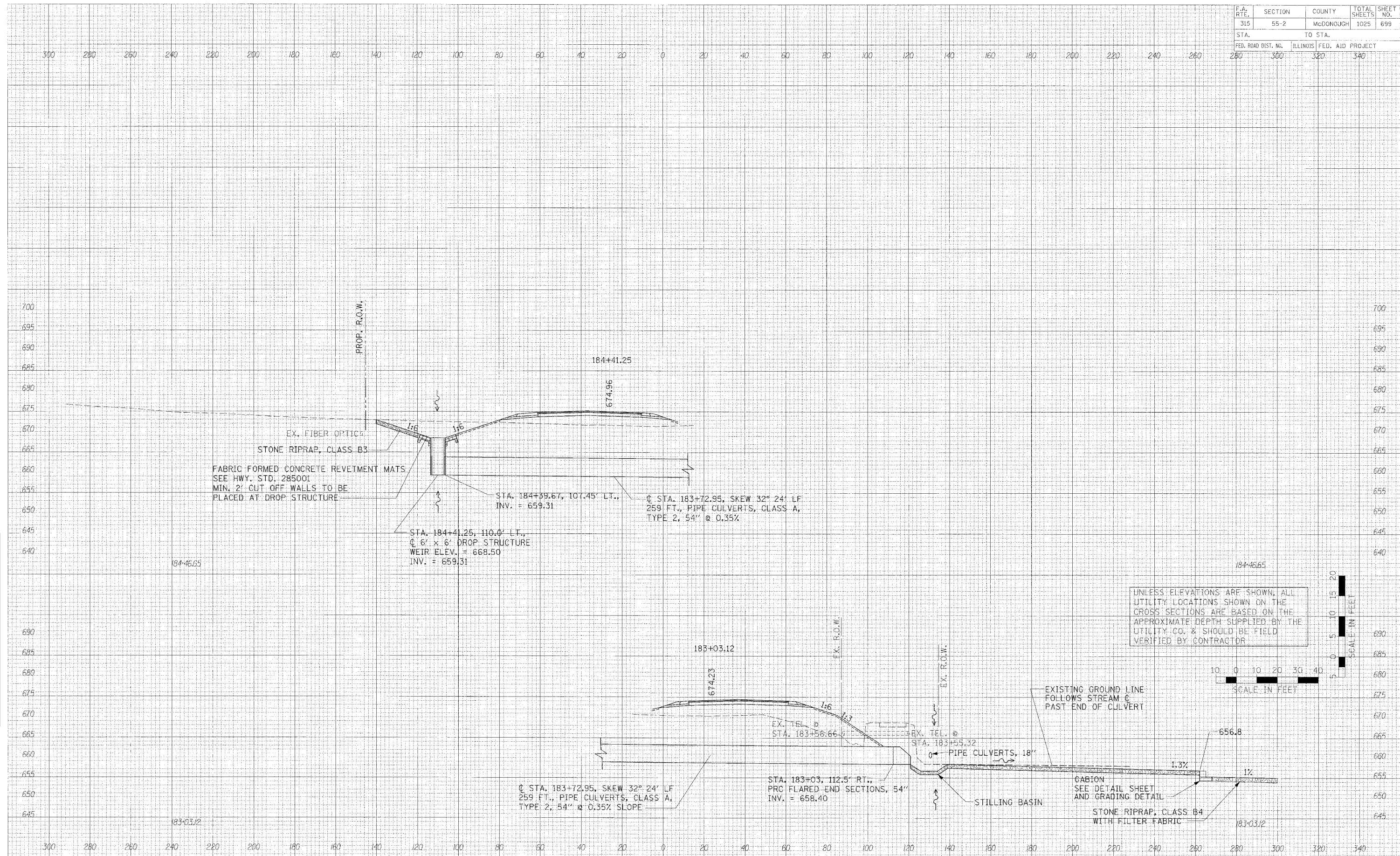
CROSS SECTIONS - IL. ROUTE 336

| | | | | |
|---------------------|---------|---------------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | MCDONOUGH | 1025 | 699 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| 280 | 300 | 320 | 340 | |

DATE: _____ BY: _____
 SURVEYED: _____
 TEMPLATE: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____

DATE: _____ BY: _____
 SURVEYED: _____
 TEMPLATE: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____

DATE: _____ BY: _____
 SURVEYED: _____
 TEMPLATE: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____



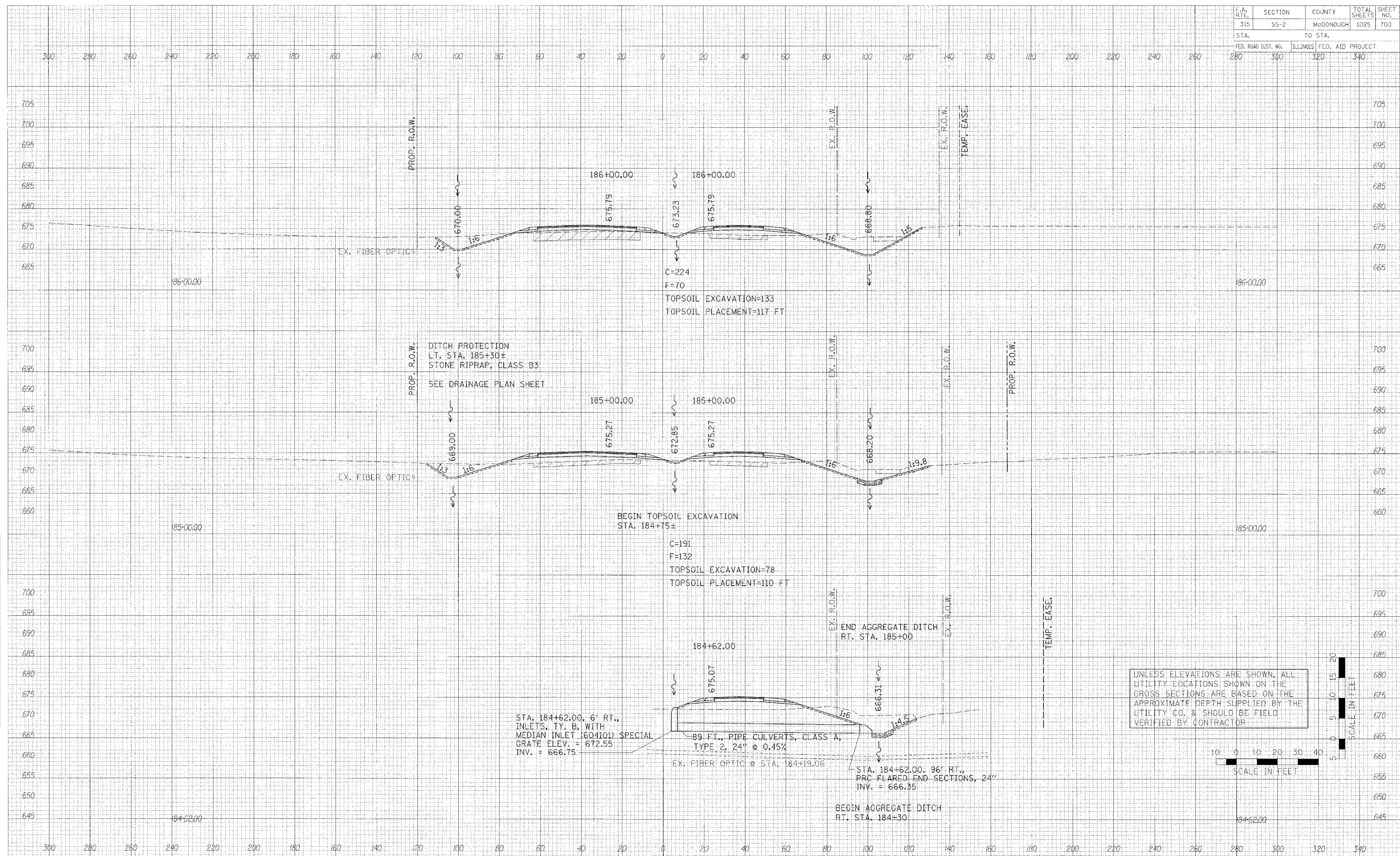
CROSS SECTIONS - IL ROUTE 336

| | | | | |
|---------------------|---------|-----------|------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 315 | 55-2 | McDONOUGH | 1025 | 700 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| 280 | 300 | 320 | 340 | |

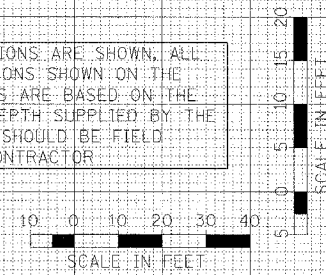
| | |
|---------------|------|
| FINAL SURVEY | DATE |
| SURVED | BY |
| NOTE BOOK | |
| AREAS CHECKED | |

| | |
|---------------|----|
| DATE | BY |
| SURVED | |
| NOTE BOOK | |
| AREAS CHECKED | |

| | |
|-----------|-------|
| DATE | SCALE |
| FILE NAME | SCALE |
| USER NAME | SCALE |



UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY CO. & SHOULD BE FIELD VERIFIED BY CONTRACTOR



CROSS SECTIONS - IL. ROUTE 336