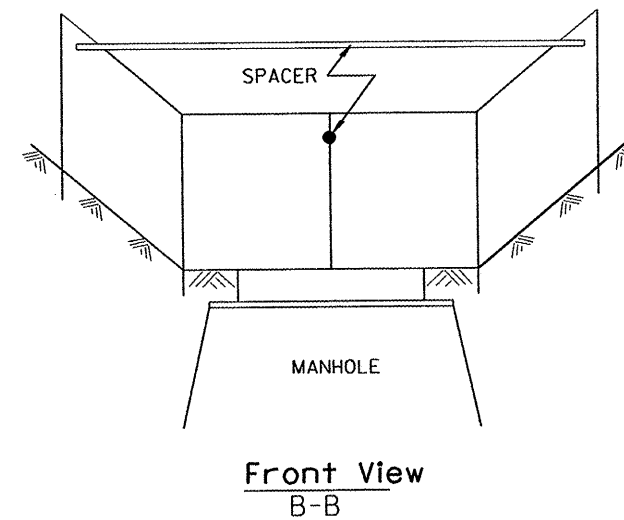
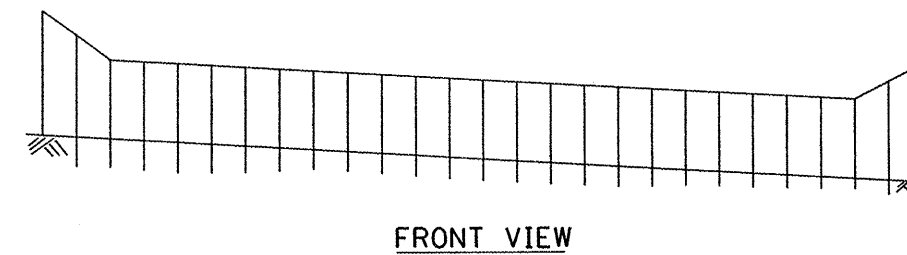
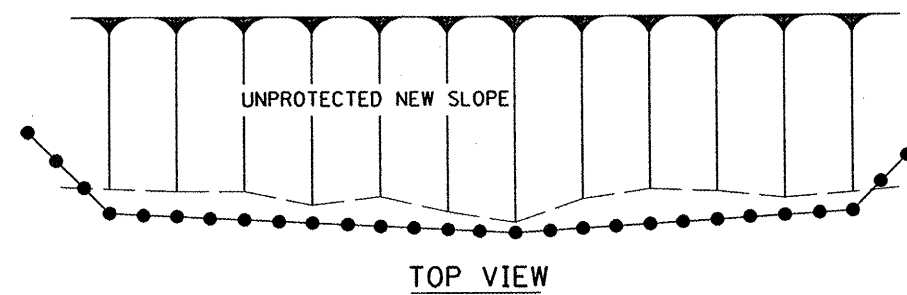
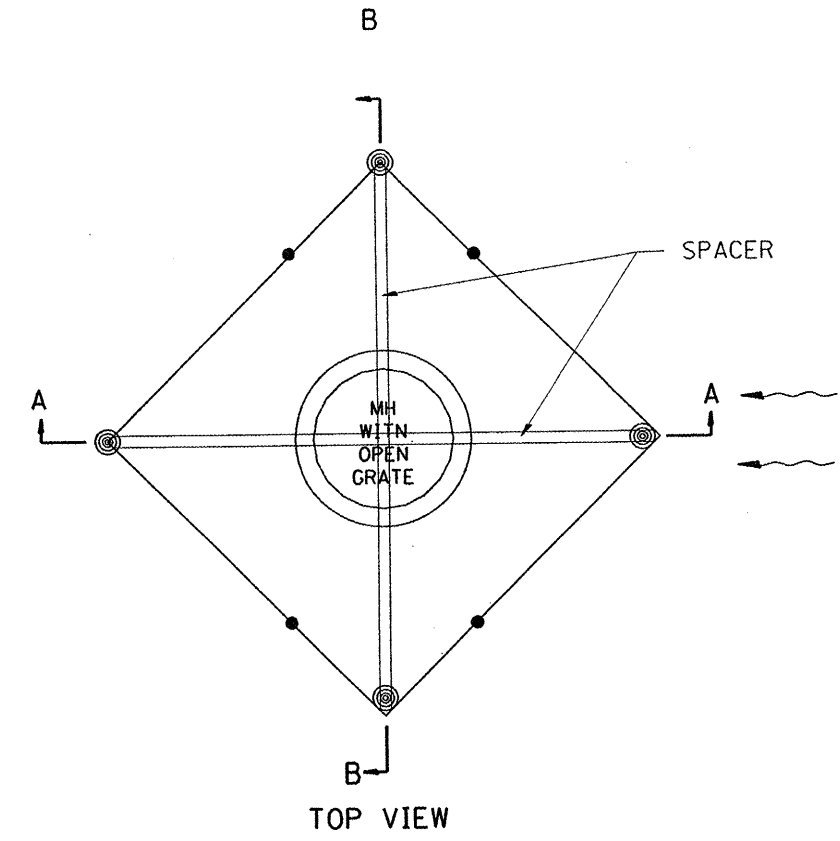
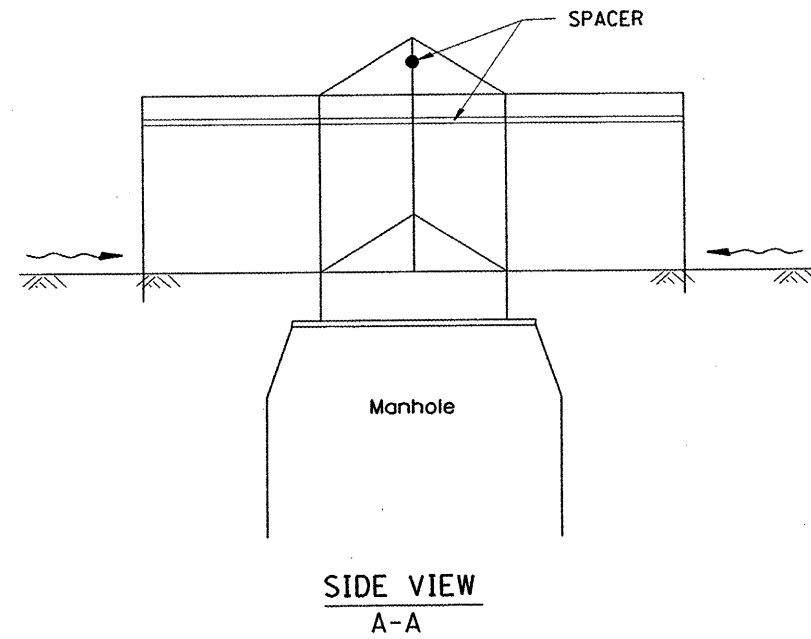


UPSTREAM PIPE CULVERT EROSION CONTROL



EROSION CONTROL AT OPEN GRATE MAN HOLE

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

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

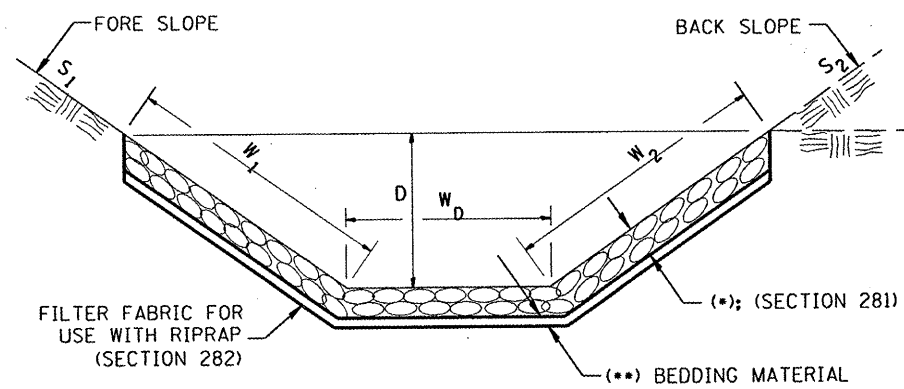
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| FILE NAME = | PLOT SCALE = *SCALE* | DESIGNED - RAW | REVISED - |
| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - |
| #FILEL* | | DATE - | REVISED - |



| | |
|--|--------------------|
| SPECIAL DETAILS | |
| TYPICAL APPLICATION OF SILT FILTER FENCE | |
| NO SCALE | CADD STD 280001-D4 |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 101 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |

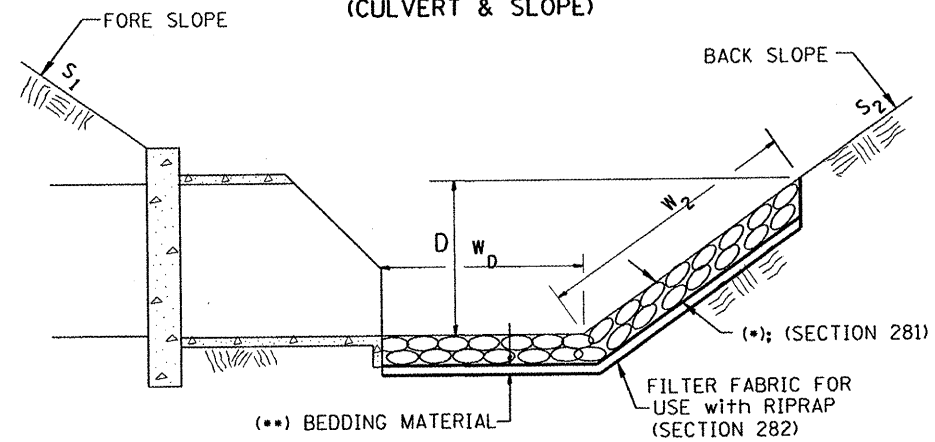
**CASE 1
(DITCH)**



| (*) | | | | |
|------------|---------------|---------------|------------------|-----------------------------|
| LOCATION | WIDTH (1) | LENGTH | RIPRAP | FABRIC |
| STA TO STA | lin ft (m) | lin ft (m) | tons (m tons) | sq yds (m ²) |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

(1) WIDTH = $W_1 + W_2 + W_D$

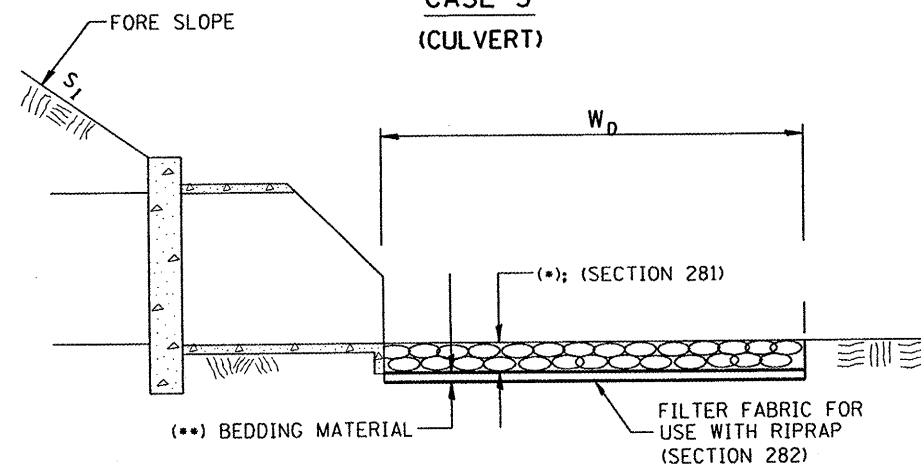
**CASE 2
(CULVERT & SLOPE)**



| (*) | | | | |
|------------|---------------|---------------|------------------|-----------------------------|
| LOCATION | WIDTH (1) | LENGTH | RIPRAP | FABRIC |
| STA TO STA | lin ft (m) | lin ft (m) | tons (m tons) | sq yds (m ²) |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

(1) WIDTH = $W_2 + W_D$

**CASE 3
(CULVERT)**



| (*) | | | | |
|------------|---------------|---------------|------------------|-----------------------------|
| LOCATION | WIDTH (1) | LENGTH | RIPRAP | FABRIC |
| STA TO STA | lin ft (m) | lin ft (m) | tons (m tons) | sq yds (m ²) |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

(1) WIDTH = W_D

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

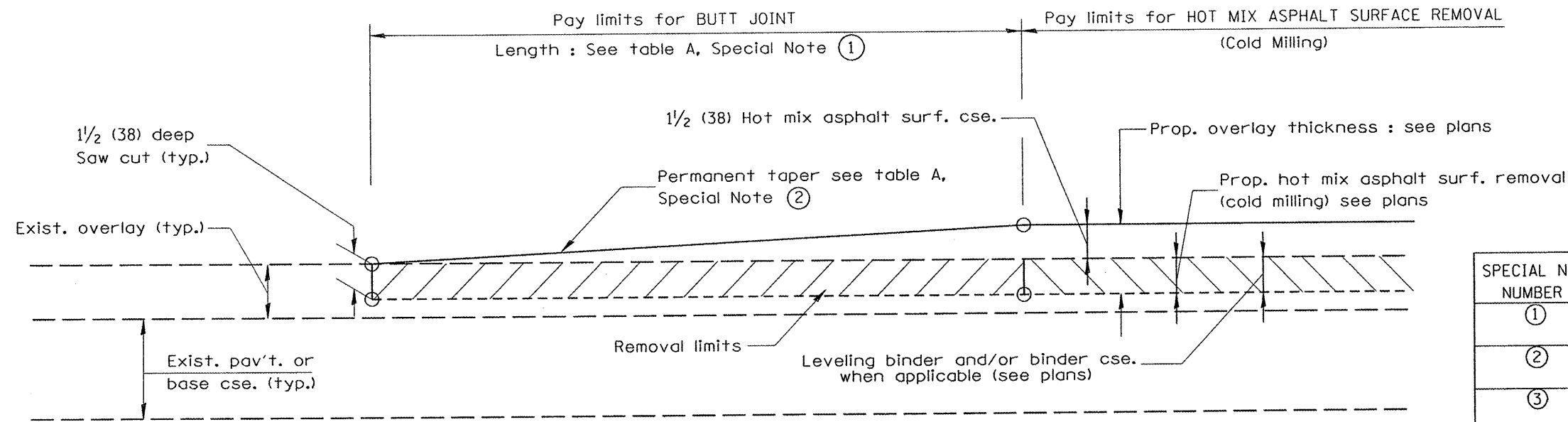
All dimensions are in inches (millimeters) unless otherwise noted.

| | | | |
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| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - |
| | | DATE - | REVISED - |



SPECIAL DETAILS
RIPRAP DITCH FOR EROSION PROTECTION
NO SCALE CADD STD 281001-D4

| | | | | |
|---------------------|----------------|----------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 102 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |
| | | | CONTRACT NO. 89352 | |



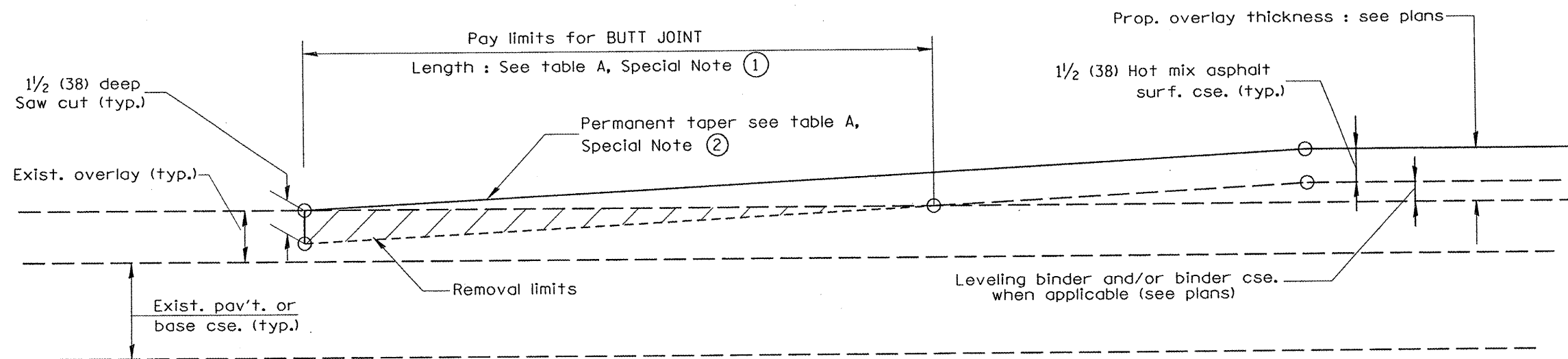
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

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

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. 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 406.05.



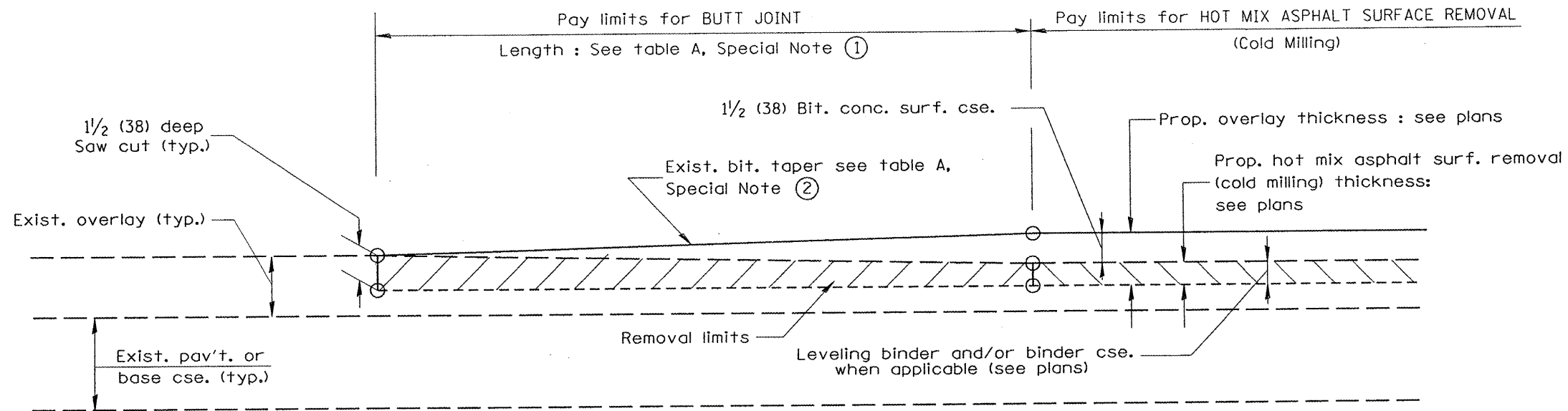
CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

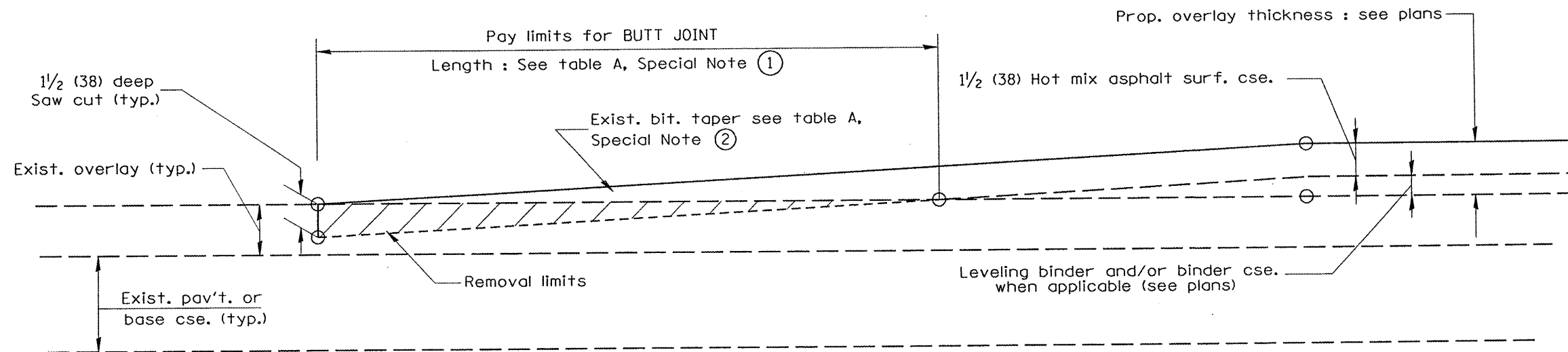
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| FILE NAME : | PLOT SCALE = \$SCALE\$ | DESIGNED - RAW | REVISED - |
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| | PLOT TIME = \$TIME\$ | CHECKED - RJA | REVISED - |
| | | DATE - | REVISED - |



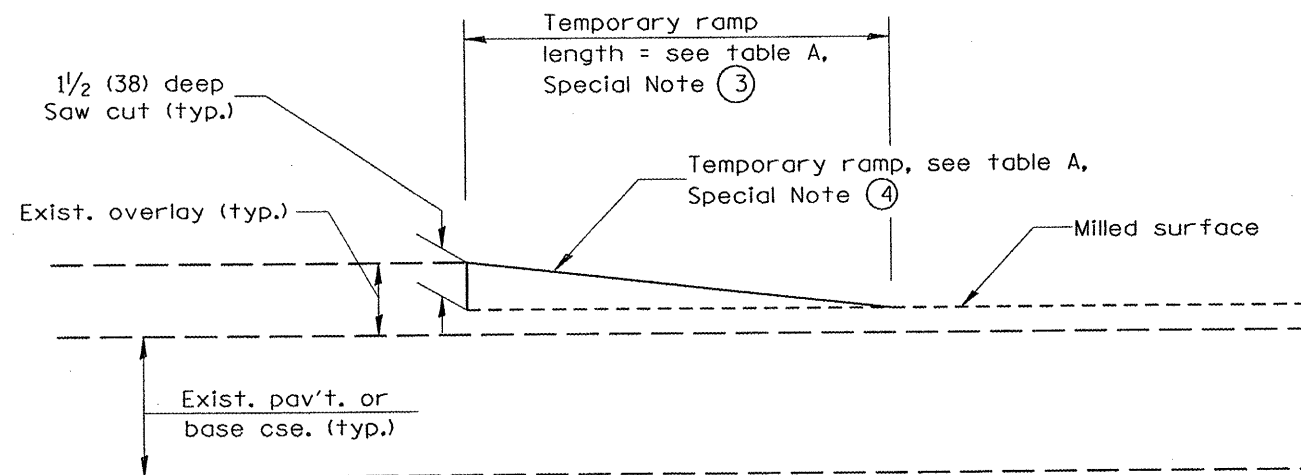
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|-----------------|--------------------|---|----------------|--------------------|--------------|-----------|
| SPECIAL DETAILS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| BUTT JOINTS | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 103 |
| NO SCALE | CADD STD 406101-D4 | SHEET 1 OF 3 | | CONTRACT NO. 89352 | | |
| | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



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



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



DETAIL TEMPORARY RAMP

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

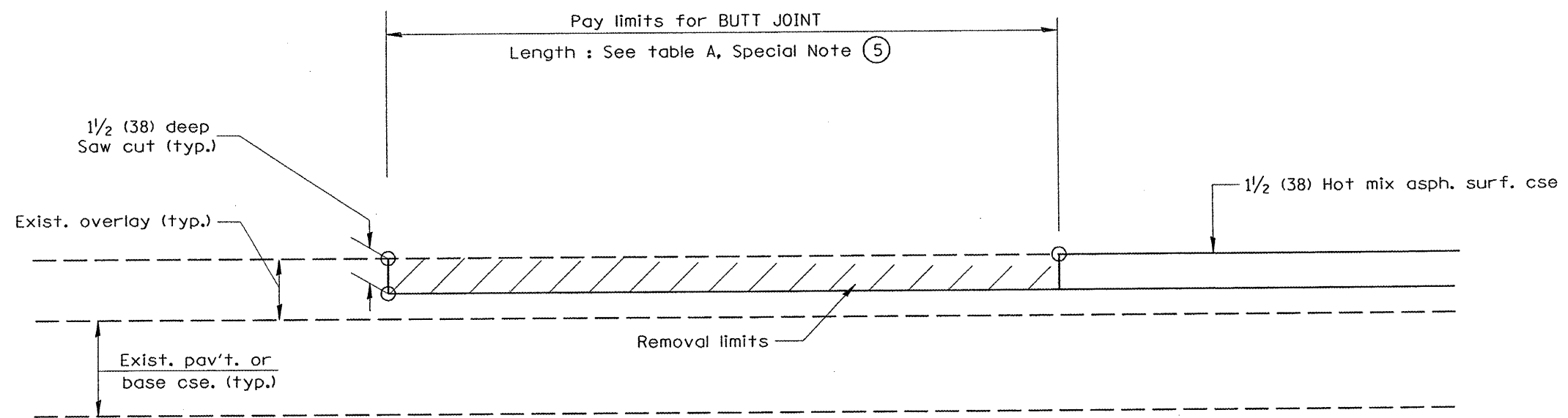
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| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - |
| | | DATE - | REVISED - |



**SPECIAL DETAILS
BUTT JOINTS**

NO SCALE CADD STD 406101-D4 SHEET 2 OF 3

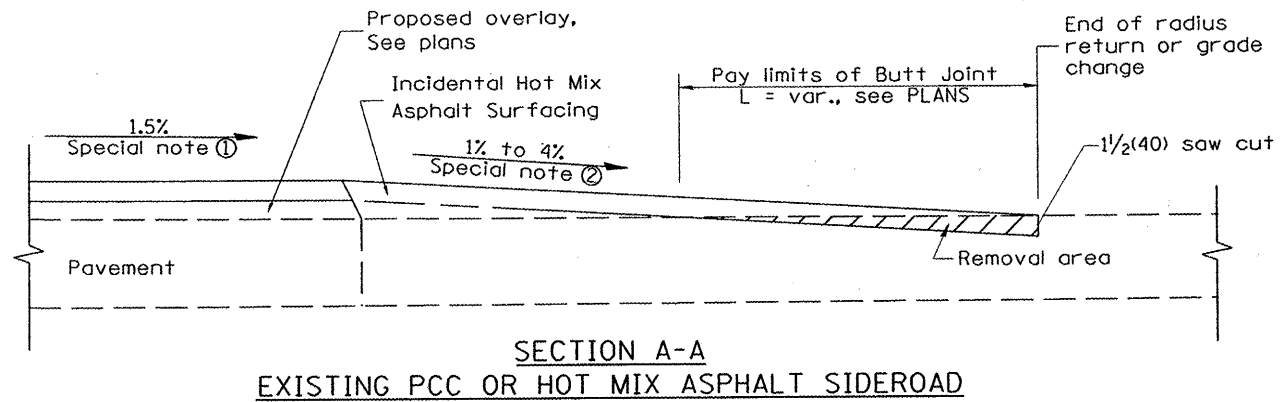
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|----------|---|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 104 |
| CONTRACT NO. 89352 | | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | |



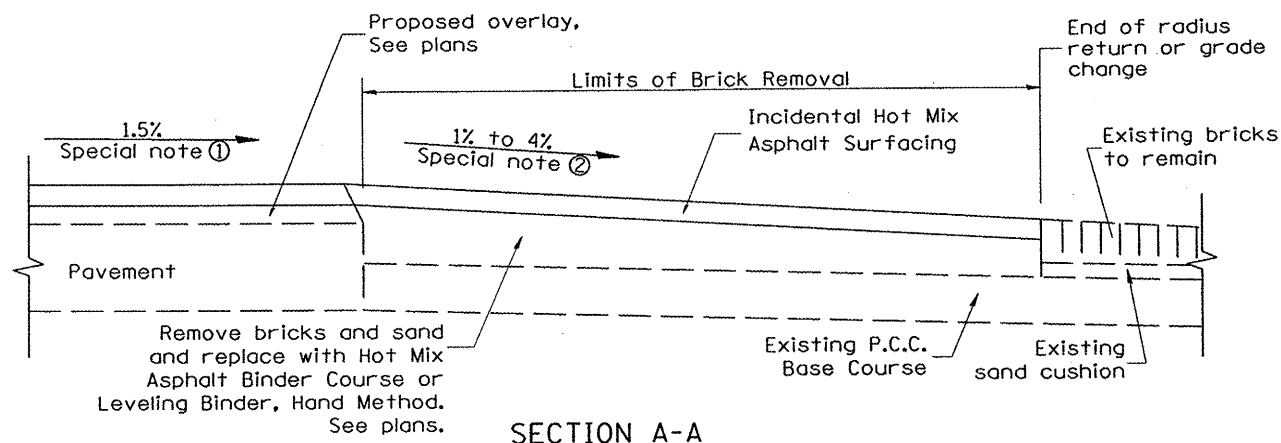
CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

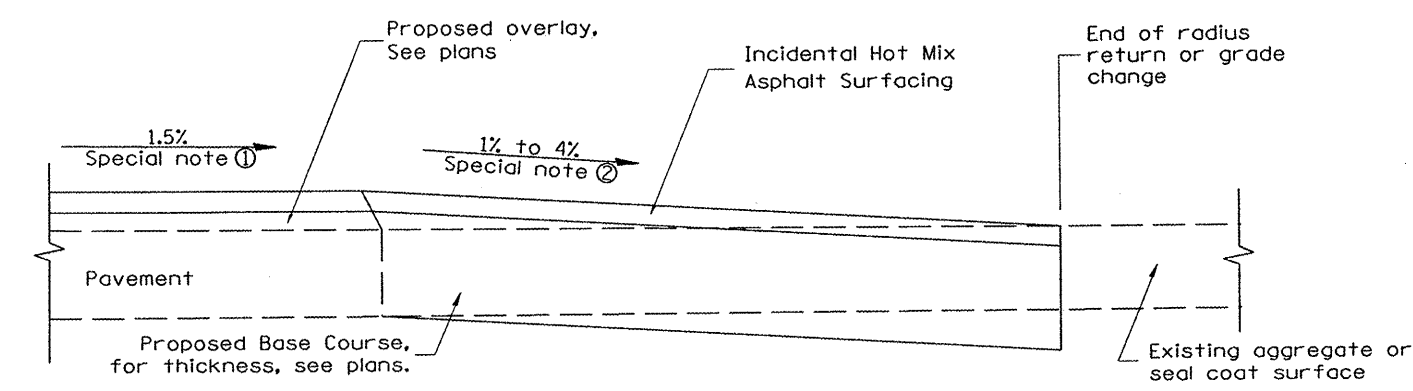
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| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - | | | | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 105 |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - | | | | | CONTRACT NO. 89352 | | | | |
| *FILE# | DATE - | REVISED - | | NO SCALE | CADD STD 406101-D4 | SHEET 3 OF 3 | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | |



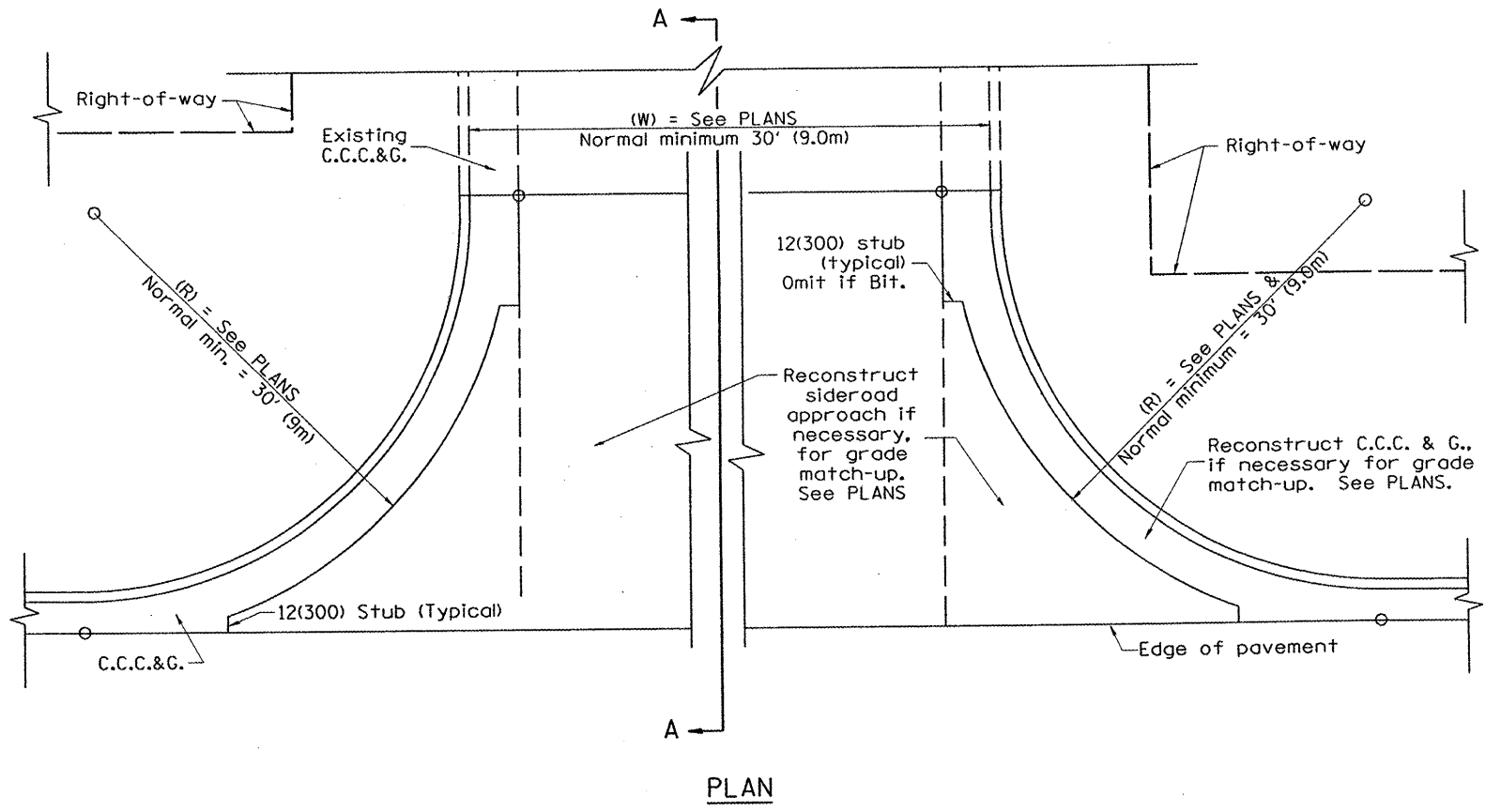
SECTION A-A
EXISTING PCC OR HOT MIX ASPHALT SIDEROAD



SECTION A-A
EXISTING BRICK SIDEROAD



SECTION A-A
EXISTING AGGREGATE OR SEALCOAT SIDEROAD



PLAN

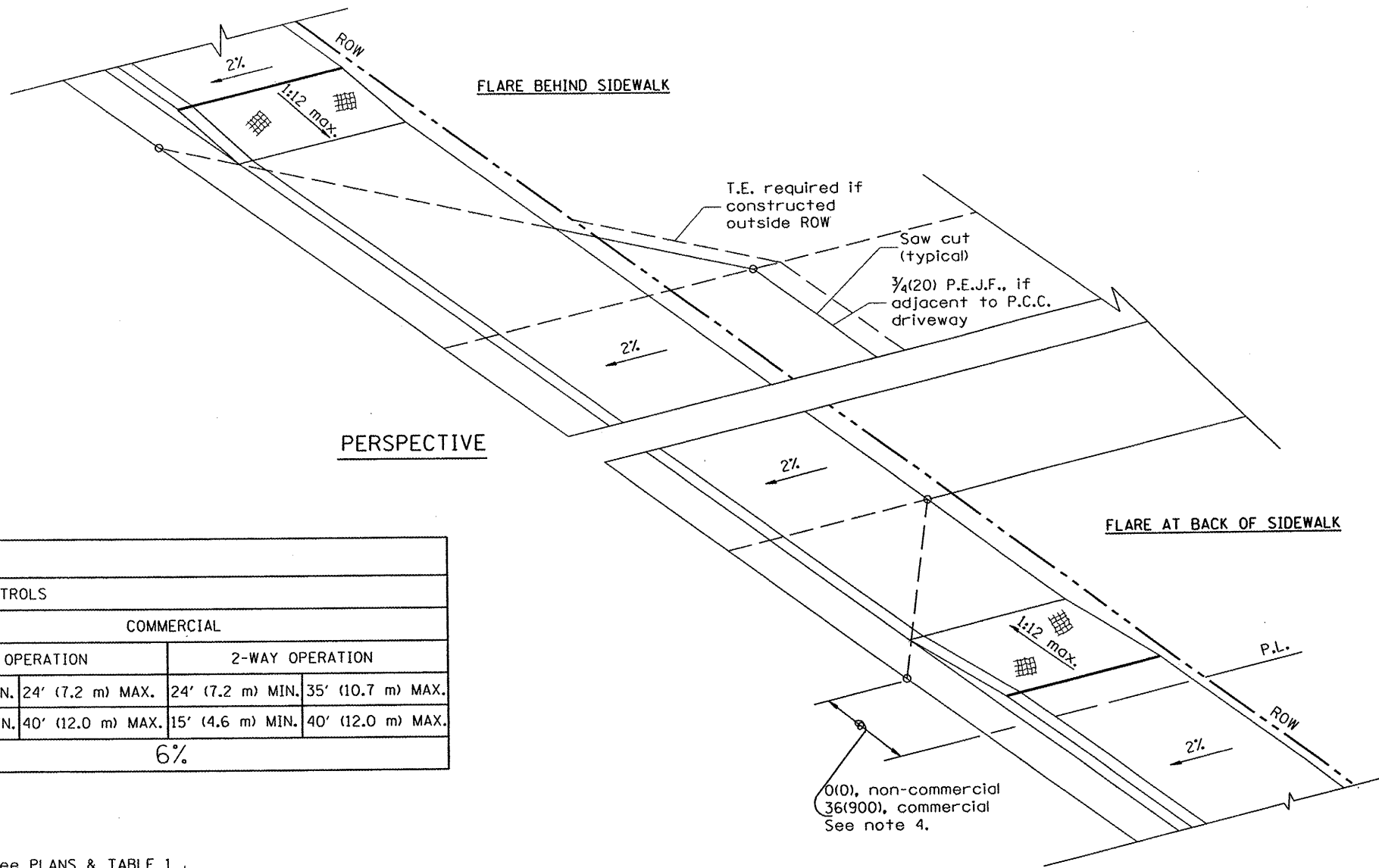
SPECIAL NOTES

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See Plans for cross-slope on superelevated horizontal curves.
- ② The sideroad profile should drain away from the mainline at 1% to 4% for 50' (15.0m) to 100' (30.0m), or as a minimum to the end of the radius return. When the sideroad is on the high side of a mainline superelevated curve, - 2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sideroad profiles.

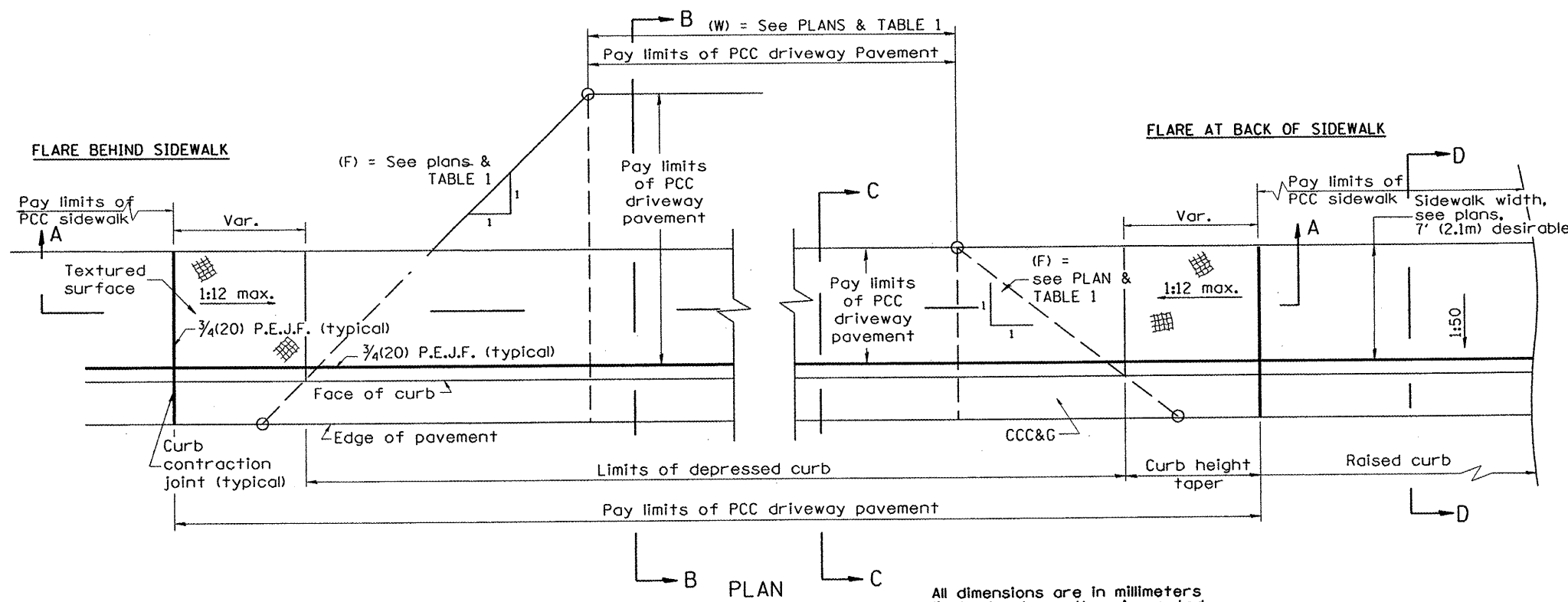
All dimensions are in inches (millimeters) unless otherwise noted.

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| FILE NAME = | PLOT SCALE = #SCALE# | DESIGNED - RAW | REVISED - | | SPECIAL DETAILS URBAN SIDEROADS FOR "3R" PROJECTS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT DATE = #DATE# | DRAWN - RAW | REVISED - | | NO SCALE | CADD STD 406501-04 | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 106 | |
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| #FILEL# | | DATE | REVISED - | | | | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | | |

DESIGNER NOTES:
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"
 1:1 FLARES ARE RECOMMENDED FOR CURBLINE SIDEWALKS.
 2. DESIGNER SHOULD REVIEW CHAPTER 58 OF BDE FOR THE ADA REQUIREMENTS.
 3. INCLUDE STATE STANDARD 424001 AND 606001.



| ELEMENT | NON-COMMERCIAL | | COMMERCIAL | | | |
|---------------------------------|------------------|------------------|------------------|-------------------|------------------|-------------------|
| | | | 1-WAY OPERATION | | 2-WAY OPERATION | |
| WIDTH (W) | 12' (3.6 m) MIN. | 24' (7.2 m) MAX. | 14' (4.3 m) MIN. | 24' (7.2 m) MAX. | 24' (7.2 m) MIN. | 35' (10.7 m) MAX. |
| RADIUS EQUIVALENT 1:1 FLARE (F) | 5' (1.5 m) MIN. | 25' (7.6 m) MAX. | 15' (4.6 m) MIN. | 40' (12.0 m) MAX. | 15' (4.6 m) MIN. | 40' (12.0 m) MAX. |
| MAX. GRADE (G) | 8% | | 6% | | | |

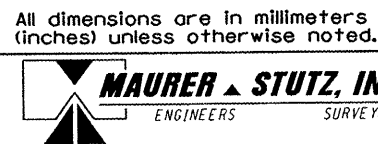


GENERAL NOTES

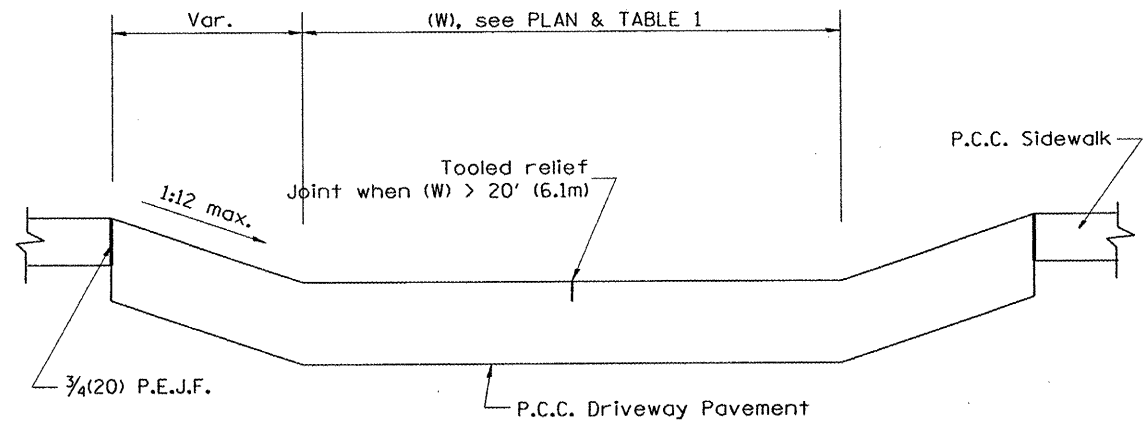
1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

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

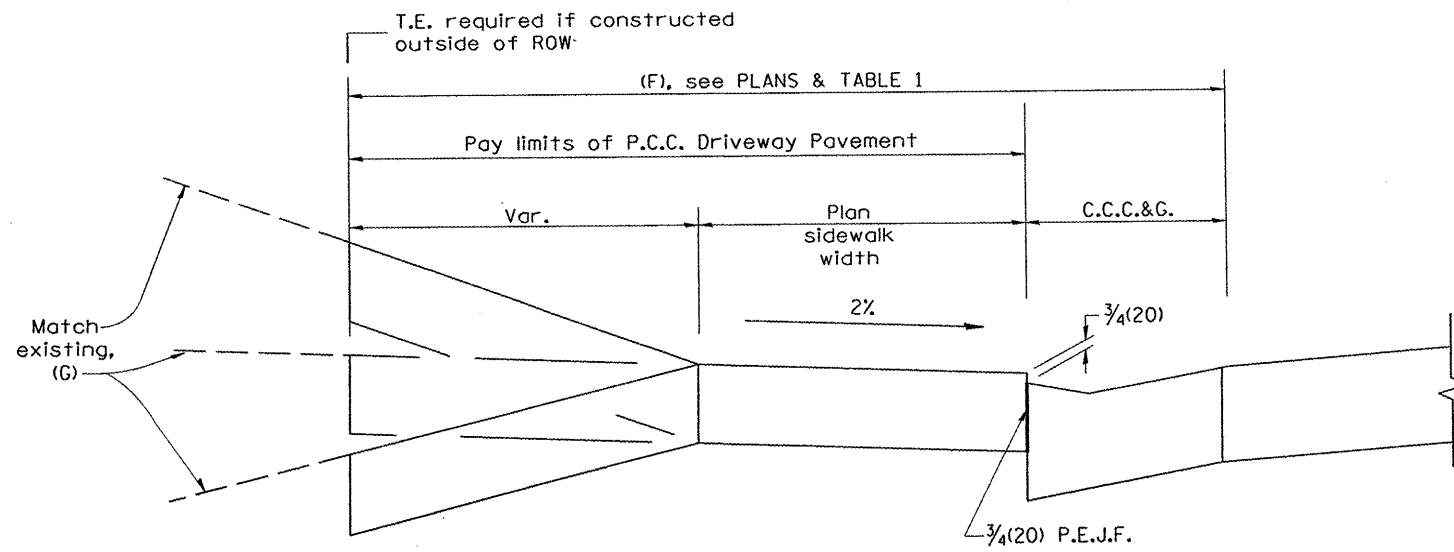
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| | PLOT TIME = #TIME# | CHECKED - RJA | REVISED - |
| | | DATE - | REVISED - |



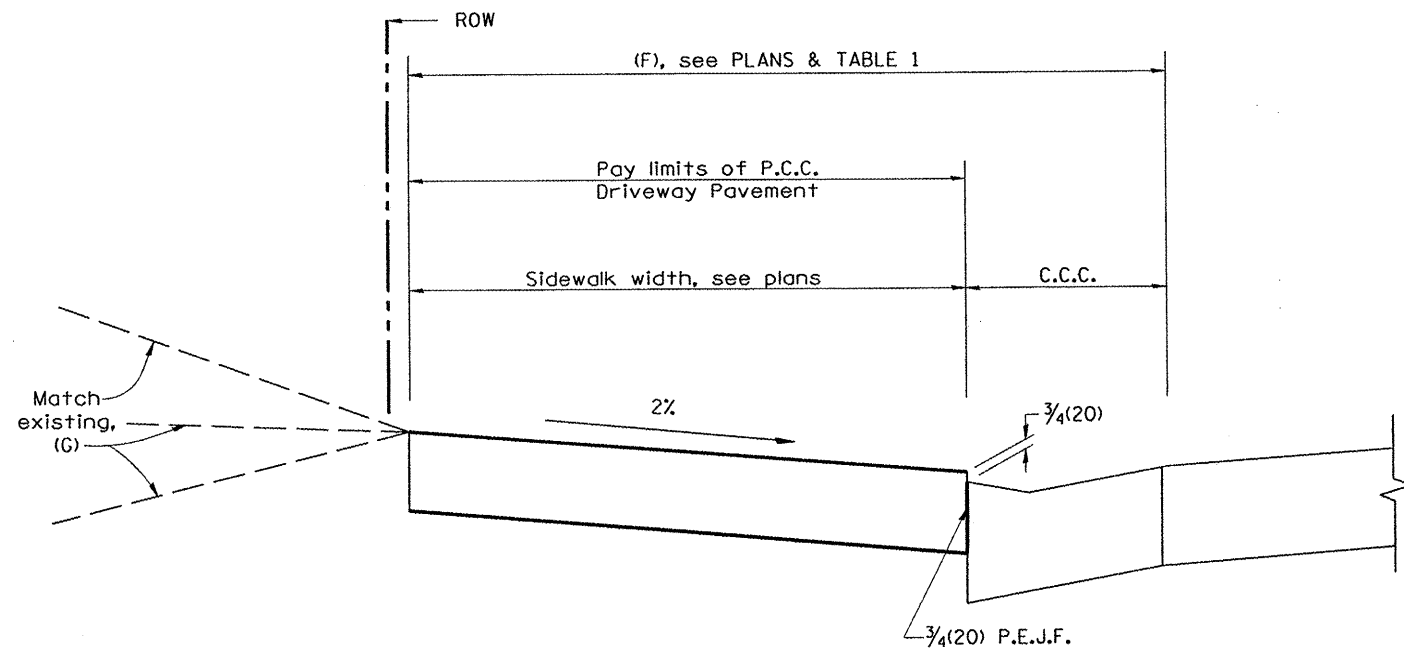
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|--------------------|--|---|--|--------------------------|---------------------------|--------------------|---------------------|------------------|
| NO SCALE | | SPECIAL DETAILS URBAN ENTRANCES ACCESSIBLE TO THE DISABLED FOR CURBLINE SIDEWALKS | | F.A.I.I. RTE. 6775 | SECTION 04-00141-00-FP | COUNTY TAZEWELL | TOTAL SHEETS 187 | SHEET NO. 107 |
| CADD STD 423101-D4 | | SHEET 1 OF 2 | | CONTRACT NO. 89352 | | | | |



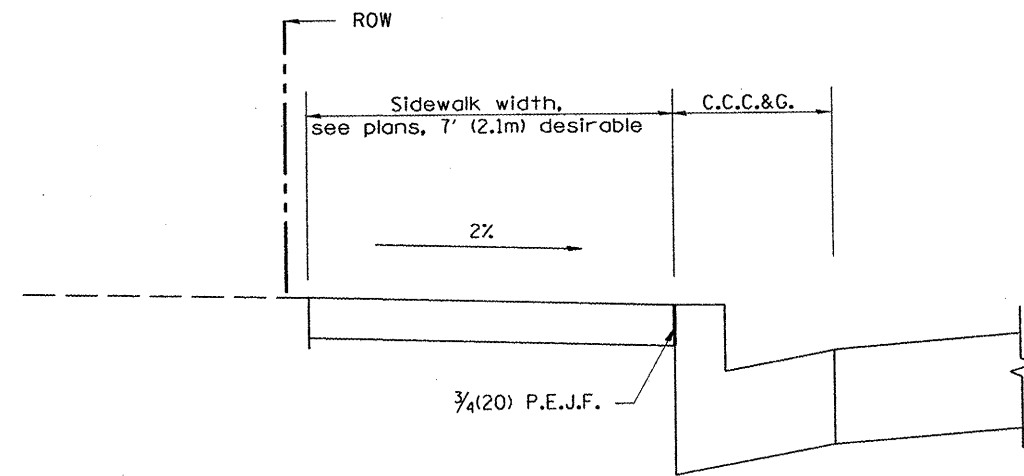
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

FILE NAME =
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PLOT SCALE = \$SCALE\$
PLOT DATE = \$DATE\$
PLOT TIME = \$TIME\$

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| DATE - | REVISED - |



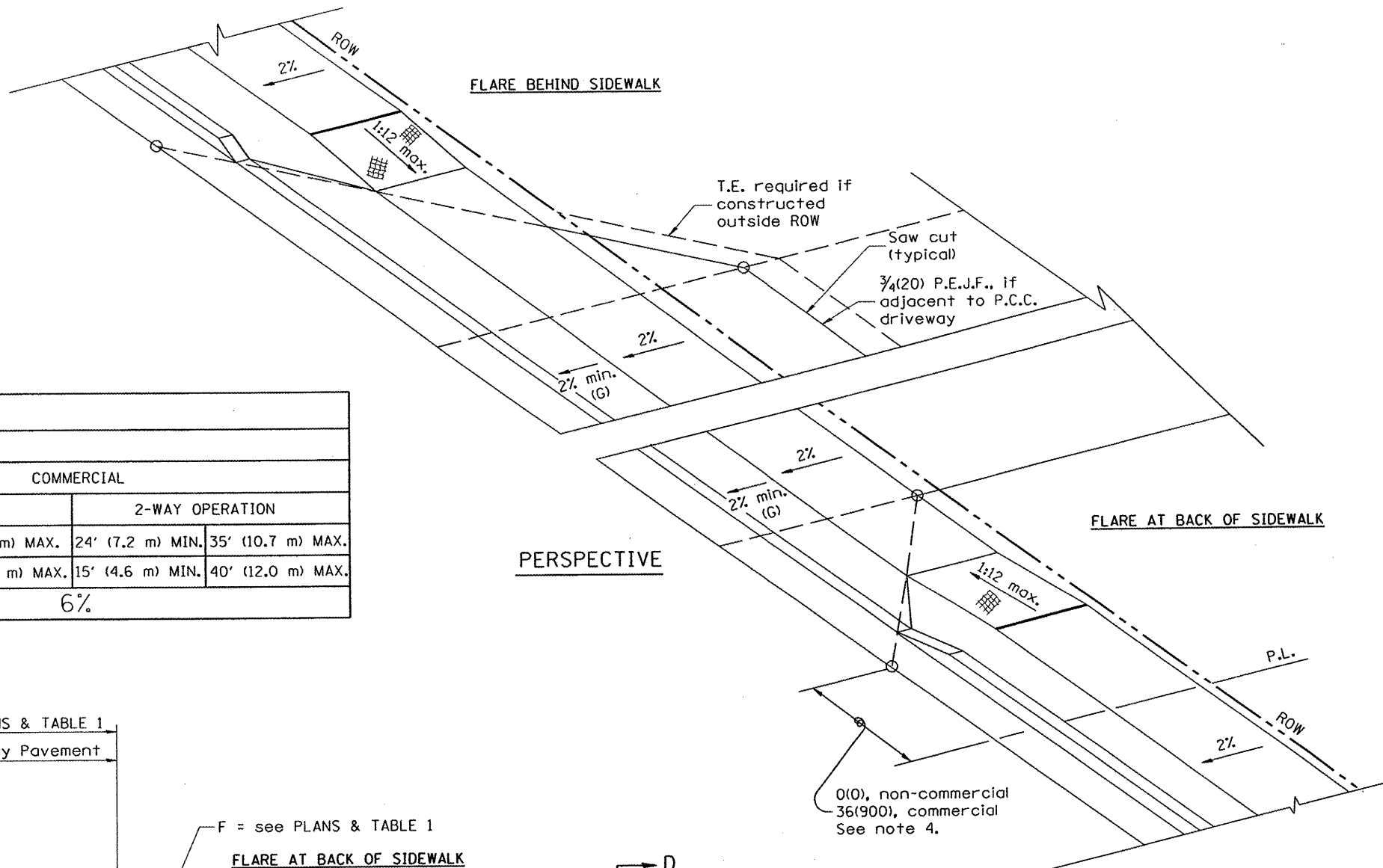
NO SCALE
CADD STD 423101-D4
SHEET 2 OF 2

SPECIAL DETAILS
URBAN ENTRANCES ACCESSIBLE TO THE
DISABLED FOR CURBLINE SIDEWALKS

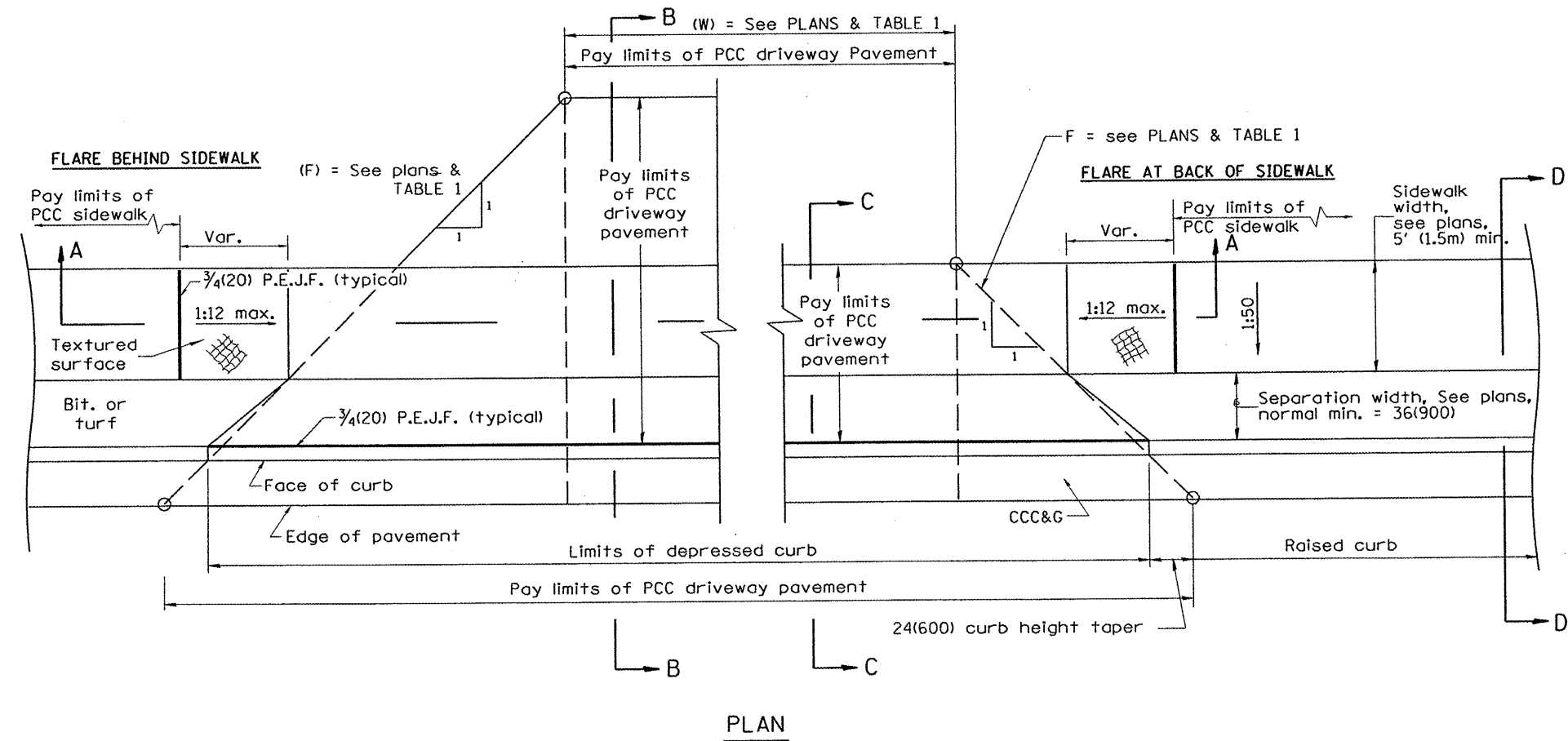
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 108 |
| CONTRACT NO. 89352 | | | | |

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

DESIGNER NOTES:
 1. DESIGNER SHOULD REVIEW "HANDBOOK FOR THE POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS"
 1:1 FLARES ARE RECOMMENDED FOR SIDEWALKS WITH NARROW SEPARATIONS.
 2. DESIGNER SHOULD REVIEW BDE CHAPTER 58.
 3. STATE STANDARD 424001 SHOULD BE INCLUDED IN THE PLANS TO SUPPLEMENT THIS DRAWING



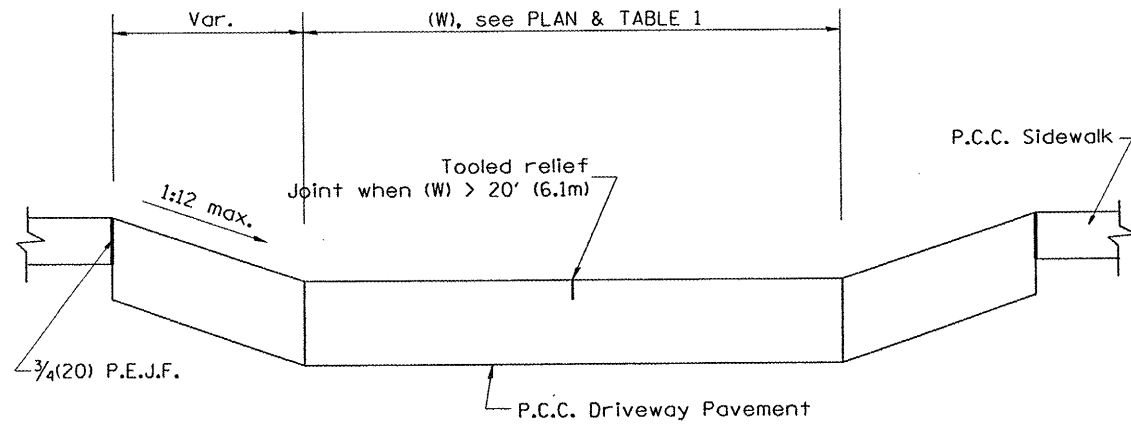
| TABLE 1 | | | | | |
|---------------------------------|------------------|------------------|------------------|-------------------|------------------------------------|
| URBAN ENTRANCE DESIGN CONTROLS | | | | | |
| ELEMENT | NON-COMMERCIAL | | COMMERCIAL | | |
| | | | 1-WAY OPERATION | 2-WAY OPERATION | |
| WIDTH (W) | 12' (3.6 m) MIN. | 24' (7.2 m) MAX. | 14' (4.3 m) MIN. | 24' (7.2 m) MAX. | 24' (7.2 m) MIN. 35' (10.7 m) MAX. |
| RADIUS EQUIVALENT 1:1 FLARE (F) | 5' (1.5 m) MIN. | 25' (7.6 m) MAX. | 15' (4.6 m) MIN. | 40' (12.0 m) MAX. | 15' (4.6 m) MIN. 40' (12.0 m) MAX. |
| MAX. GRADE (G) | 8% | | 6% | | |



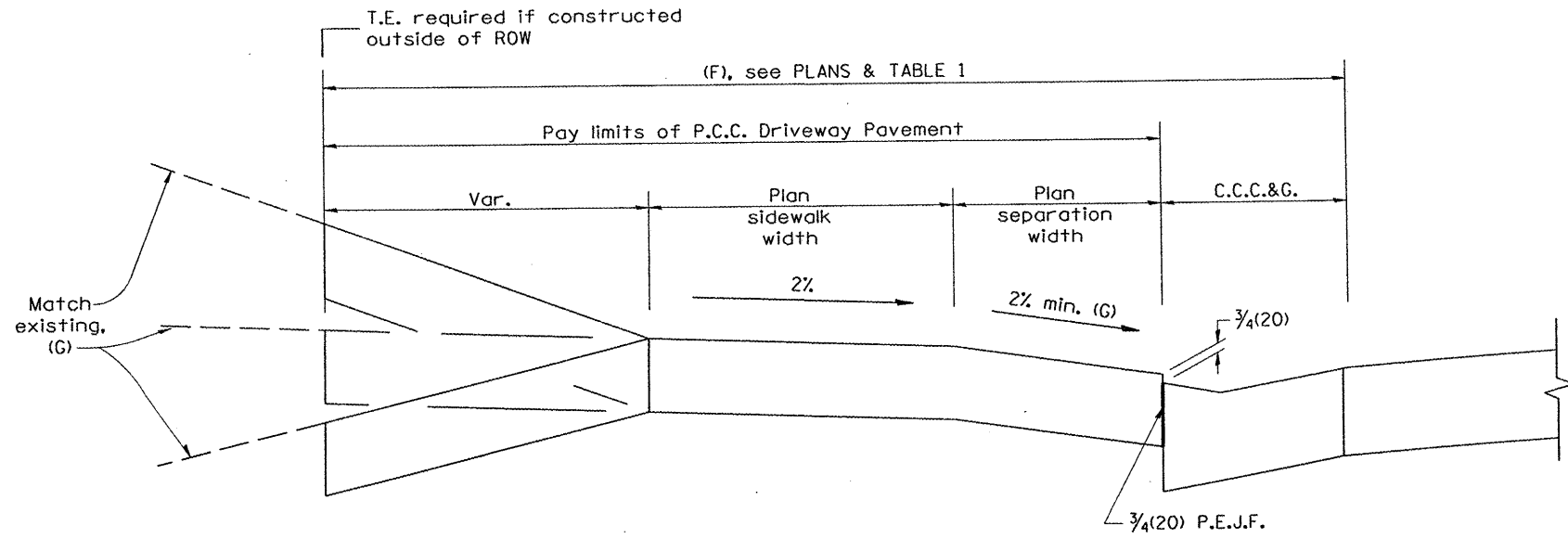
GENERAL NOTES

1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

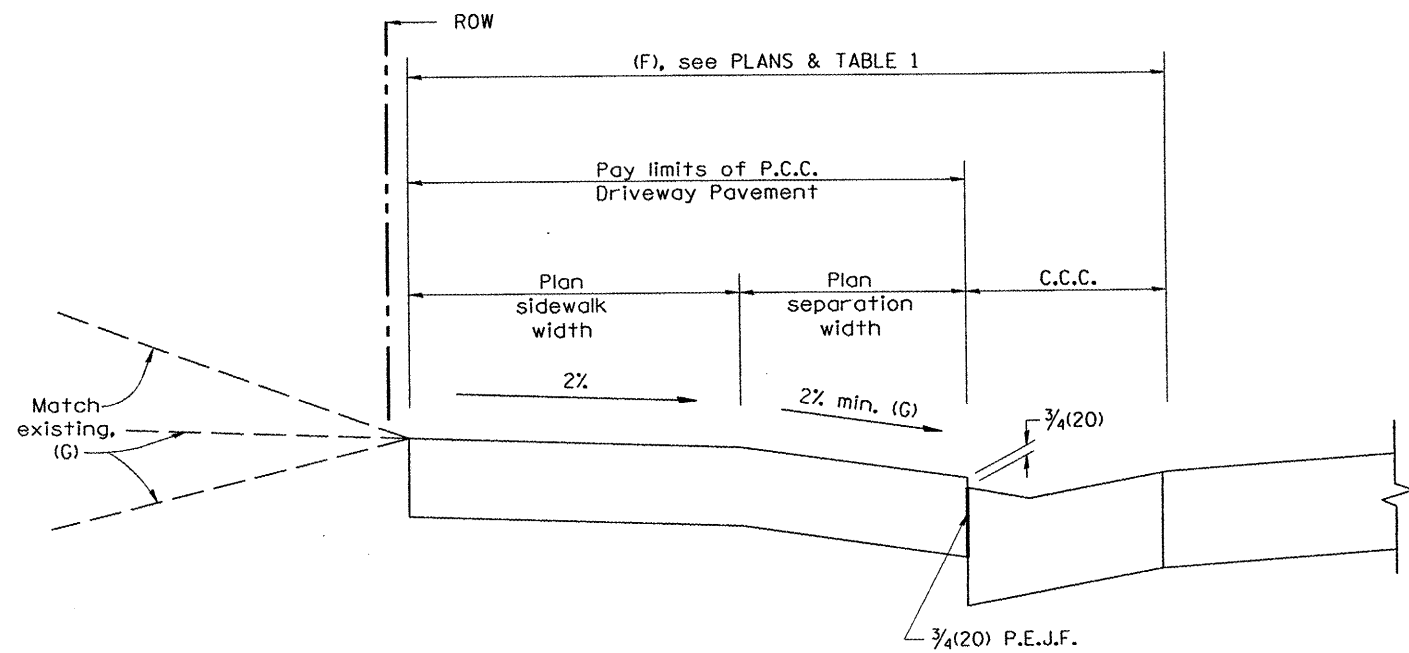
All dimensions are in inches (millimeters) unless otherwise noted.



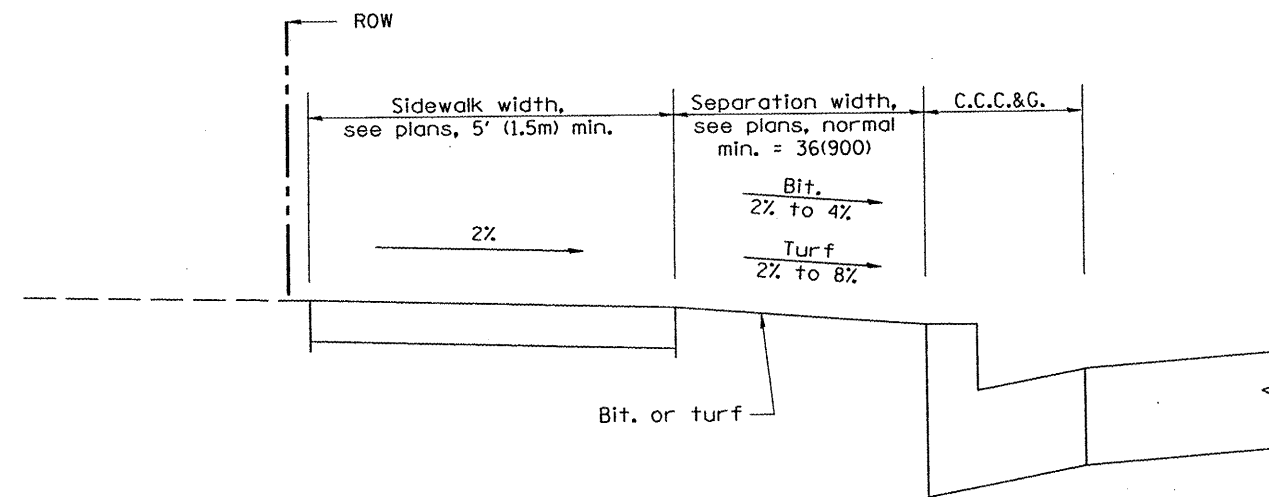
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

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

FILE NAME =

| | | |
|------------------------|----------------|-----------|
| PLOT SCALE = \$SCALE\$ | DESIGNED - RAW | REVISED - |
| PLOT DATE = \$DATE\$ | DRAWN - RAW | REVISED - |
| PLOT TIME = \$TIME\$ | CHECKED - RJA | REVISED - |
| | DATE - | REVISED - |



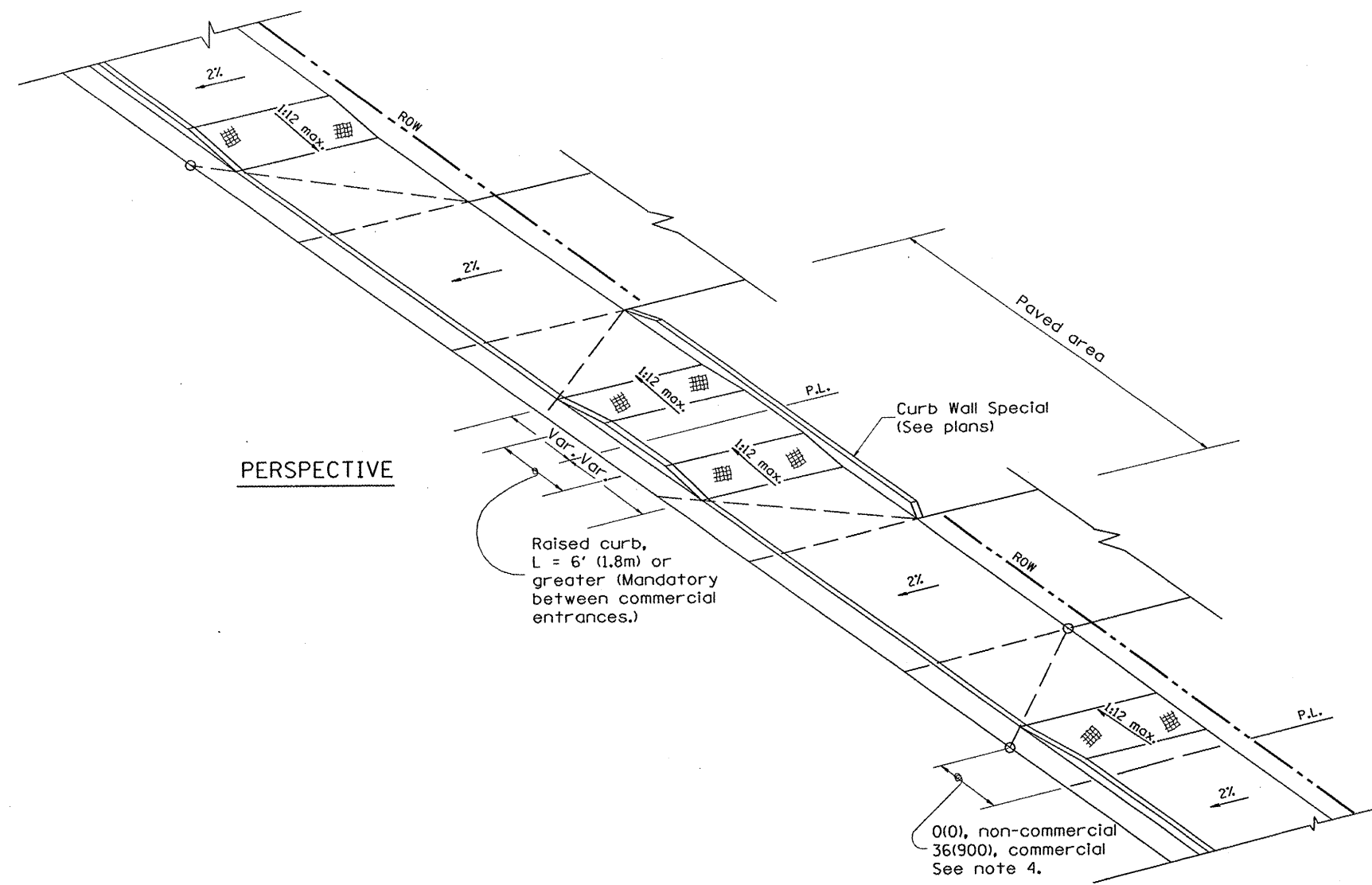
URBAN ENTRANCES, ACCESSIBLE TO THE DISABLED, FOR SEPARATED SIDEWALKS

NO SCALE

CADD STD 423106-D4

SHEET 2 OF 2

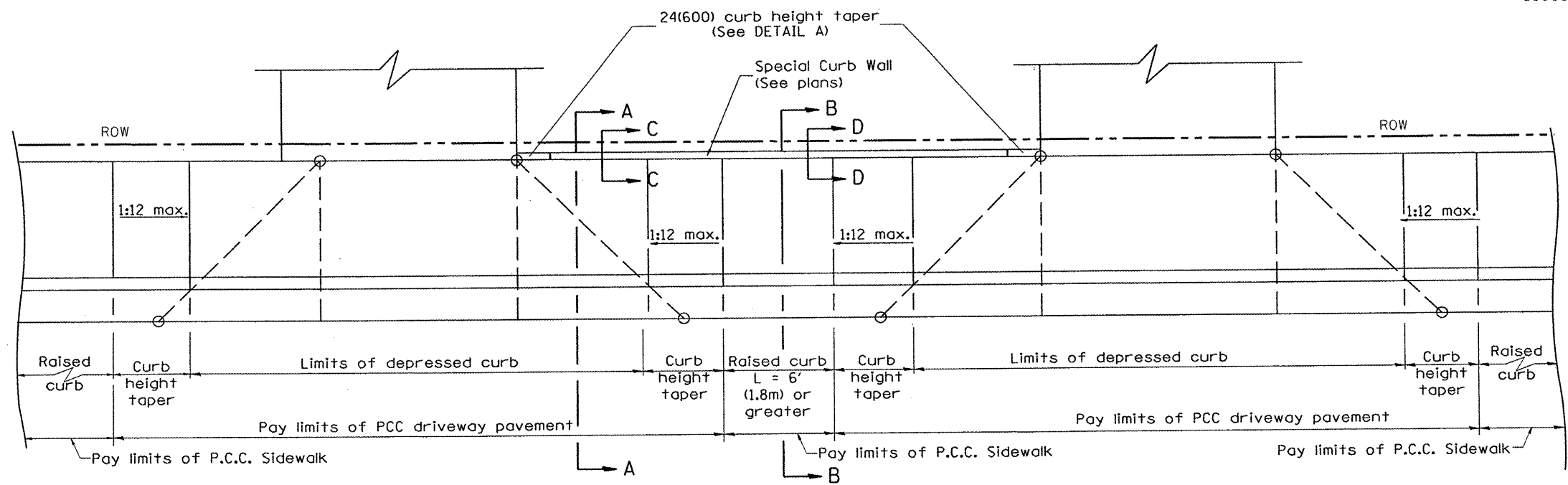
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|---|----------------|----------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 110 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |



PERSPECTIVE

GENERAL NOTES

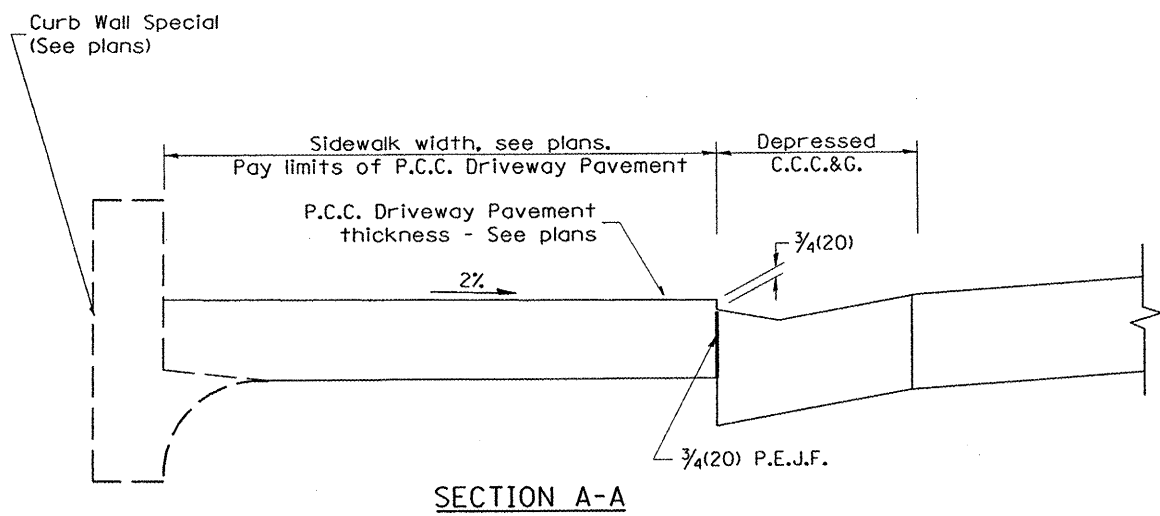
1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.



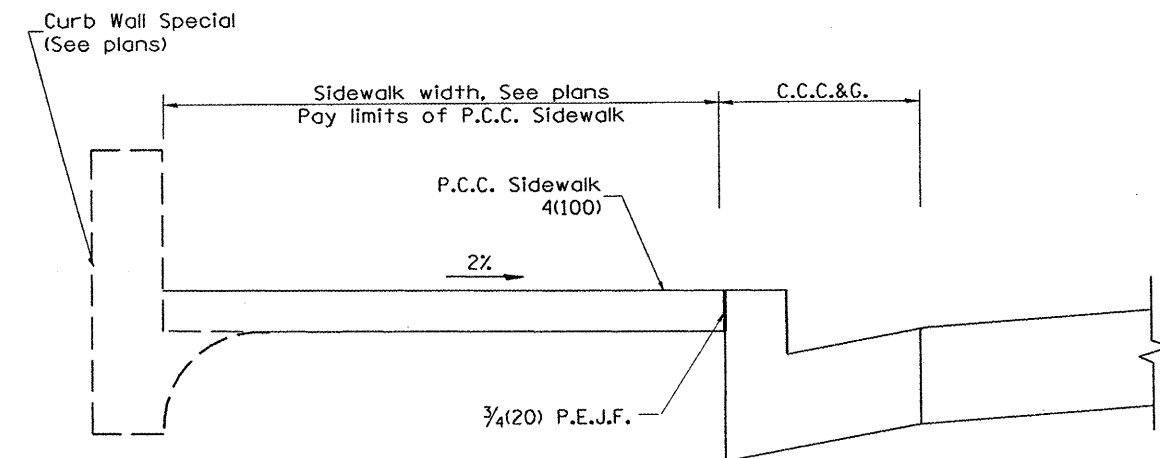
PLAN

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

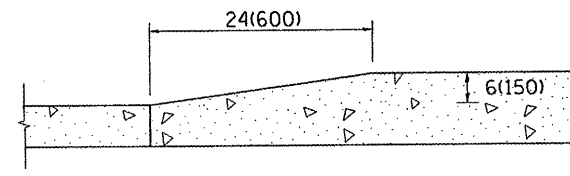
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|-------------|----------------------|----------------|-----------|--|---|--------------------|---------------------|----------------|---------------------------|--------------|-----------|
| FILE NAME * | PLOT SCALE = *SCALE* | DESIGNED - RAW | REVISED - | | SPECIAL DETAILS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - | | URBAN ENTRANCES, SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES (WITH PAVEMENT EDGE CURB BETWEEN ENTRANCES) | | 6775 | D4-00141-00-FP | TAZEWELL | 187 | 111 |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - | | NO SCALE | CADD STD 423116-04 | SHEET 1 OF 2 | | CONTRACT NO. 89352 | | |
| #FILEL# | DATE | DATE | REVISED - | | | | FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |



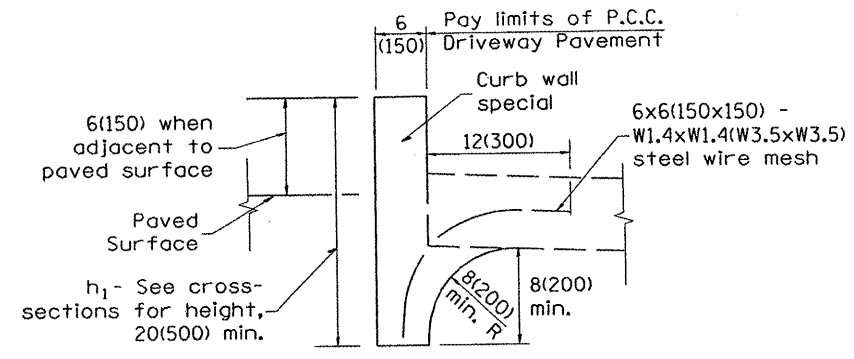
SECTION A-A



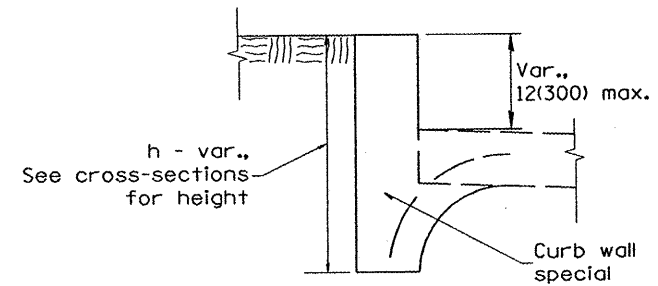
SECTION B-B



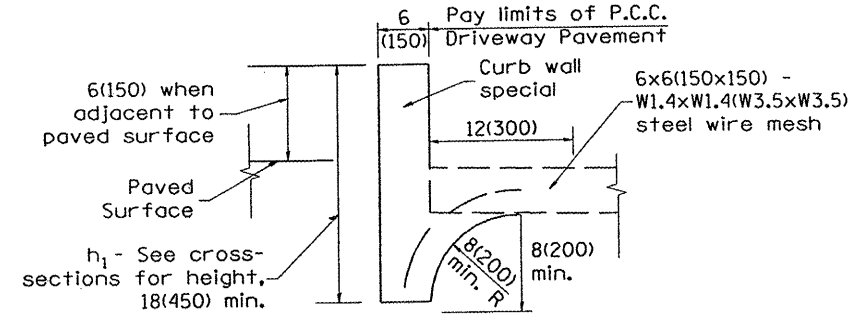
DETAIL 'A'
Curb Height Taper Detail



SECTION C-C
TYPICAL APPLICATION
BETWEEN DRIVEWAYS



ALTERNATE TREATMENT
WITH TURF BORDER



SECTION D-D
TYPICAL APPLICATION
BETWEEN DRIVEWAYS

CURB WALL - SPECIAL

Measurement formula: $h_1 \times \text{length constructed} =$
Payment area in square feet(square meters)

GENERAL NOTES

1. The Curb Wall, Special, shall be poured monolithically with the adjacent P.C.C. Driveway Pavement or P.C.C. Sidewalk.
2. All provisions of Sections 424 and 606 of the Standard Specifications shall apply unless otherwise shown.

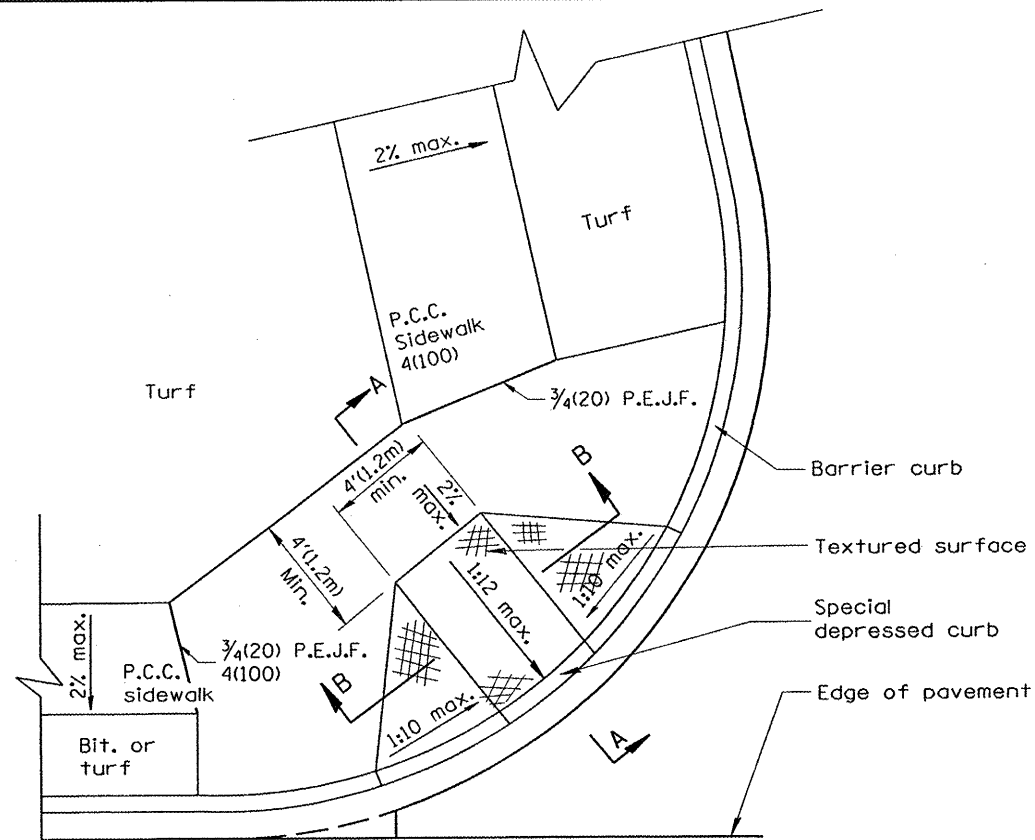
All dimensions are in inches (millimeters) unless otherwise noted.

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| | PLOT TIME = #TIME# | CHECKED - RJA | REVISED - |
| #FILE# | | DATE - | REVISED - |



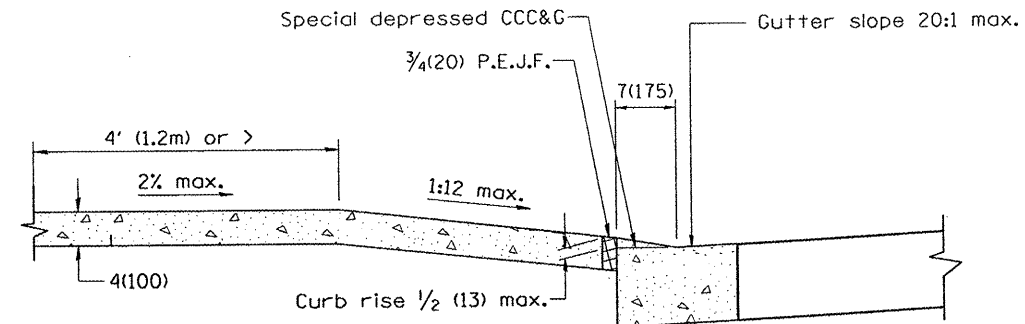
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|---|--------------------|
| SPECIAL DETAILS | |
| URBAN ENTRANCES, SPECIAL DESIGN FOR CLOSELY SPACED ENTRANCES (WITH PAVEMENT EDGE CURB BETWEEN ENTRANCES) | |
| NO SCALE | CADD STD 423116-D4 |
| SHEET 2 OF 2 | |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------------|----------|---------------------------|-----------|
| 6775 | 04-00141-00-PP | TAZEWELL | 187 | 112 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |
| | | | CONTRACT NO. 89352 | |

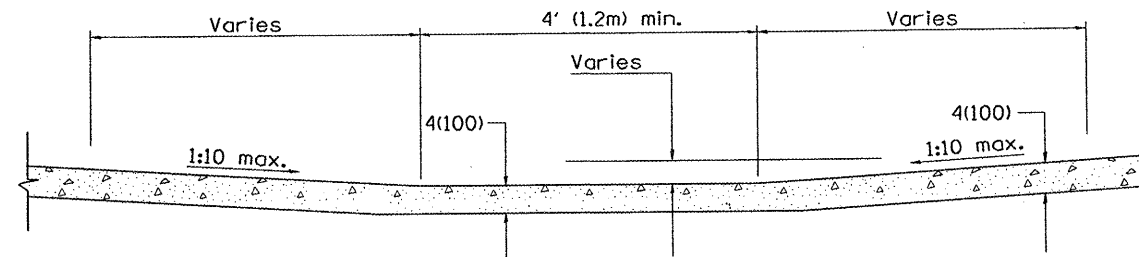


CASE 1

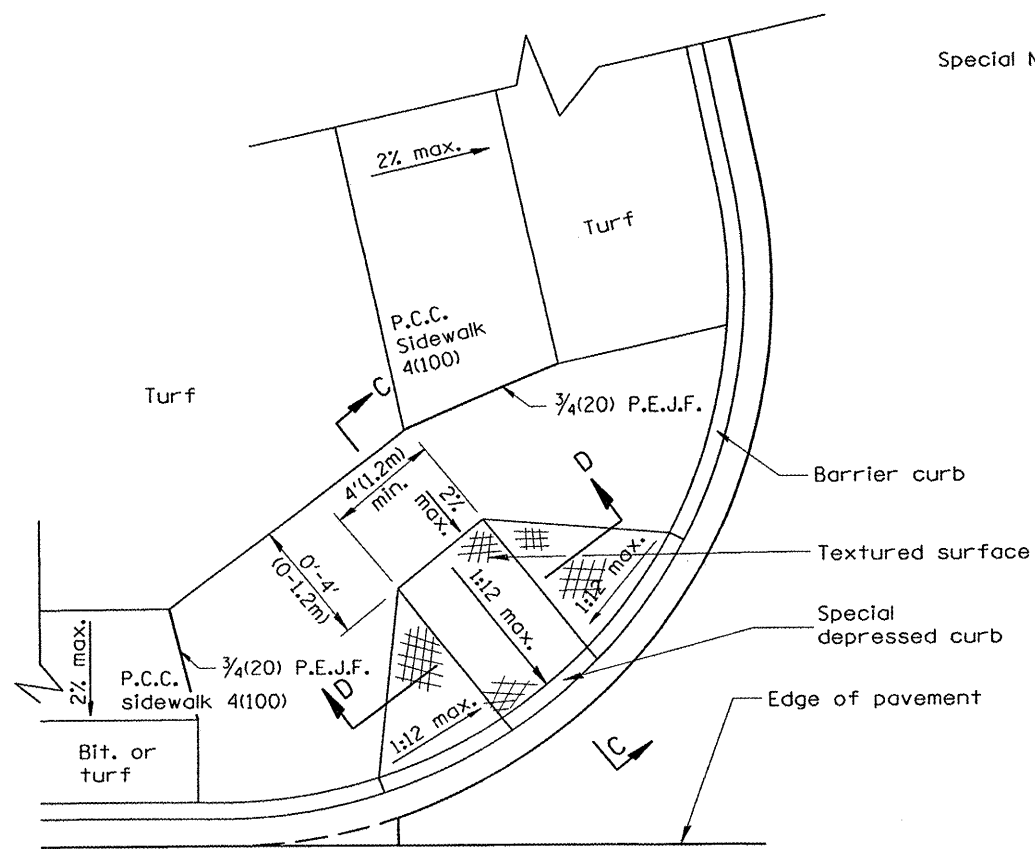
TYPE B RAMP WITH 4' (1.2m) OR MORE AT BACK OF RAMP



SEC. A-A

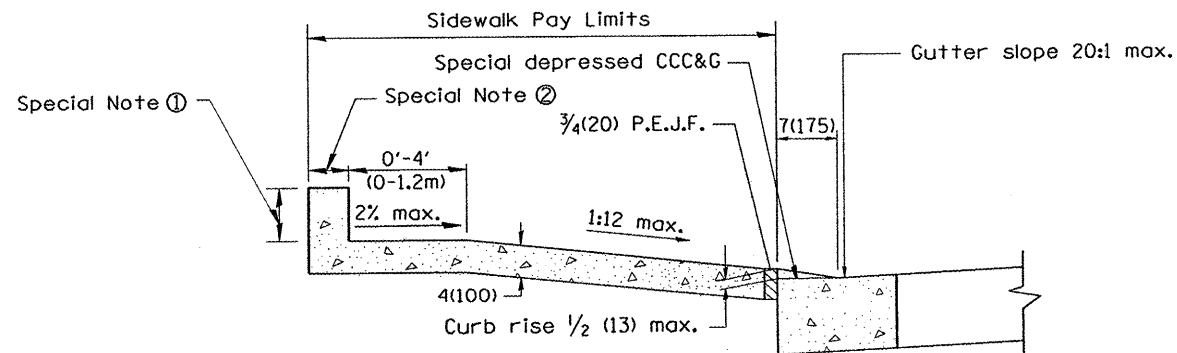


SEC. B-B

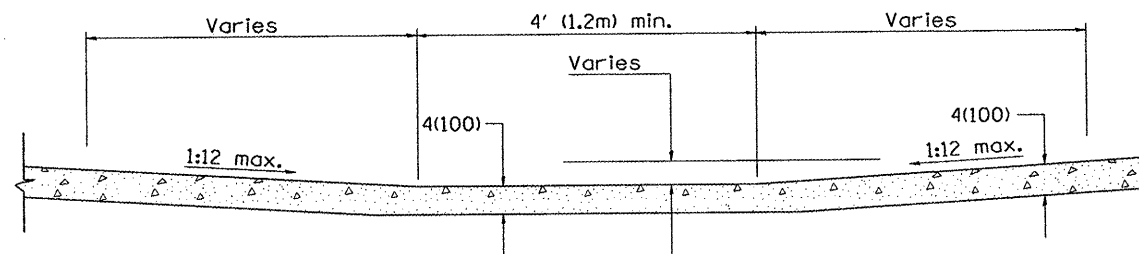


CASE 2

TYPE B RAMP WITH LESS THAN 4' (1.2m) AT BACK OF RAMP



SEC. C-C



SEC. D-D

GENERAL NOTES

1. Refer to State Standard 424001 for texturing and other design elements.
2. The controls shown on this standard are applicable to Type B Curb and Combination Concrete Curb & Sidewalk construction.
3. The maximum length of texturing shall be 6'(1.8m) unless otherwise shown.

SPECIAL NOTES

- ① Variable height edge treatment as required to match existing conditions. Maximum height = 9(225)
- ② 4(100) wall to be built outside of plan sidewalk width, if ROW allows.

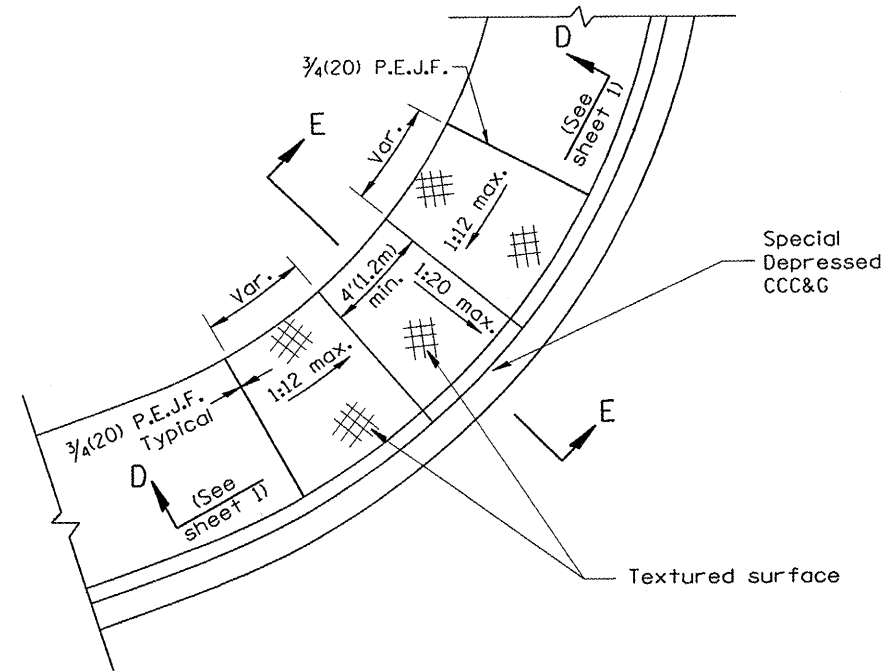
All dimensions are in inches (millimeters) unless otherwise noted.

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| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - |
| | | DATE - | REVISED - |



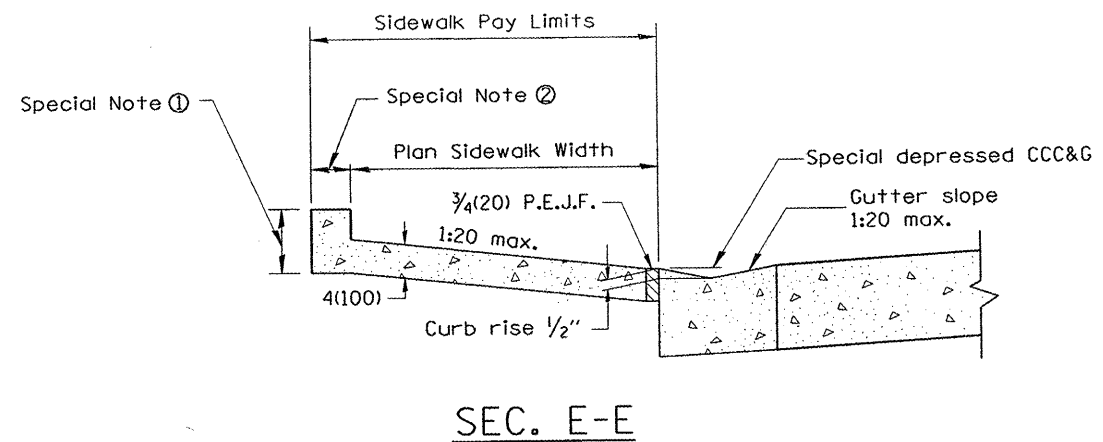
| | | |
|--|--------------------|--------------|
| SPECIAL DETAILS | | |
| SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED | | |
| NO SCALE | CADD STD 424001-D4 | SHEET 1 OF 2 |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|----------|---|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 113 |
| CONTRACT NO. 89352 | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | |

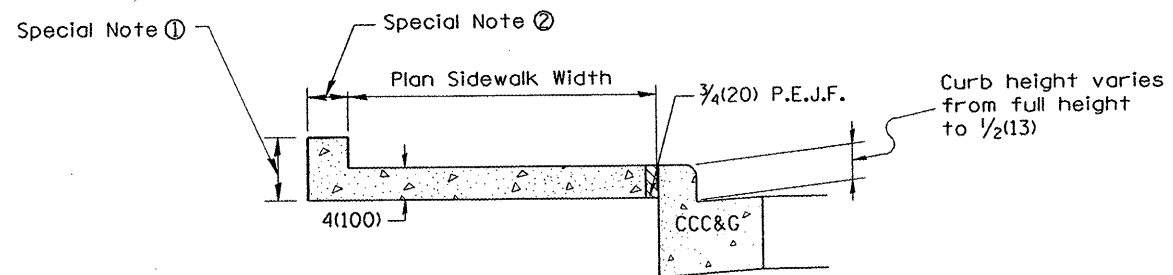


CASE 3

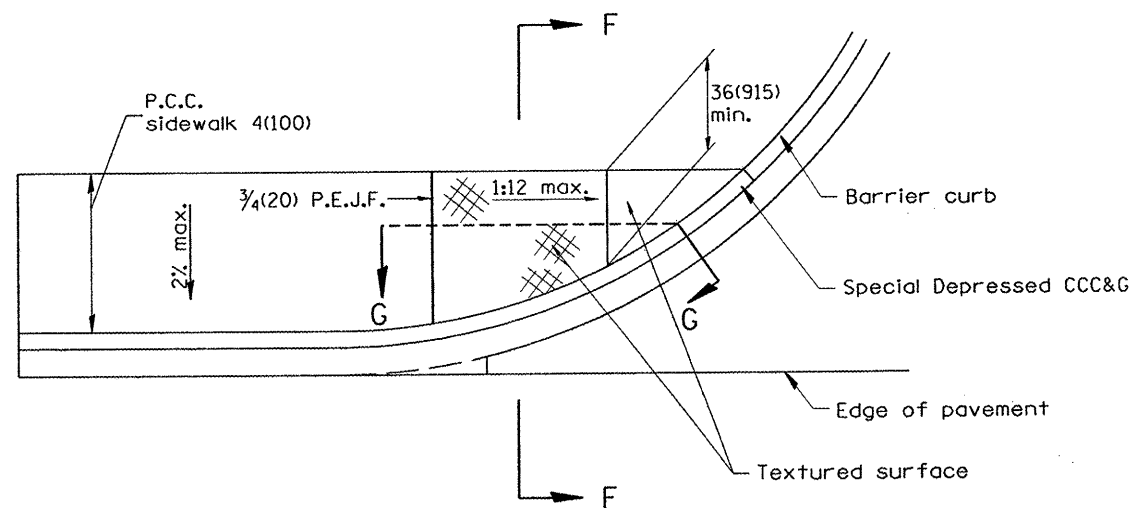
TYPE B DIAGONAL RAMP WITH CURBLIN SIDEWALK



SEC. E-E

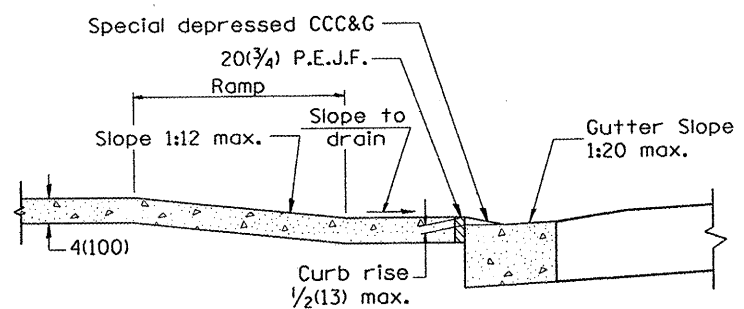


SEC. F-F



CASE 4

TYPE B RAMP WITH CURBLIN SIDEWALK



SEC. G-G

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

| | | | |
|-------------|------------------------|----------------|-----------|
| FILE NAME = | PLOT SCALE = \$SCALE\$ | DESIGNED - RAW | REVISED - |
| | PLOT DATE = \$DATE\$ | DRAWN - RAW | REVISED - |
| | PLOT TIME = \$TIME\$ | CHECKED - RJA | REVISED - |
| | | DATE - | REVISED - |

| | |
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| DESIGNED - RAW | REVISED - |
| DRAWN - RAW | REVISED - |
| CHECKED - RJA | REVISED - |
| DATE - | REVISED - |

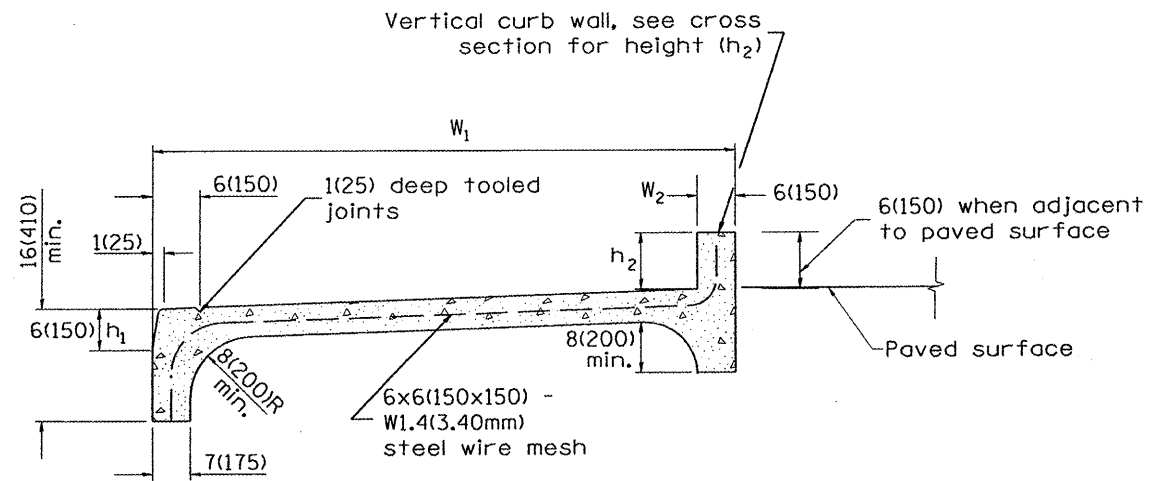


| | |
|--|--------------------|
| SPECIAL DETAILS | |
| SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED | |
| NO SCALE | CADD STD 424001-D4 |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|----------|--------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 114 |
| CONTRACT NO. 89352 | | | | |

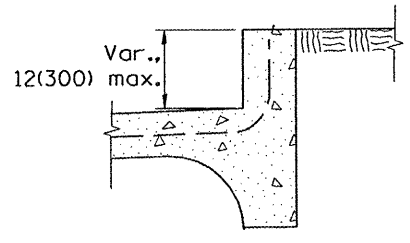
SHEET 2 OF 2 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

1. THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH STATE STANDARD 424001 AND DISTRICT CADD STDS. "CURB RAMPS ACCESSIBLE TO THE DISABLED" AND "COMBINATION CONCRETE CURB & SIDEWALK 4" (100mm).

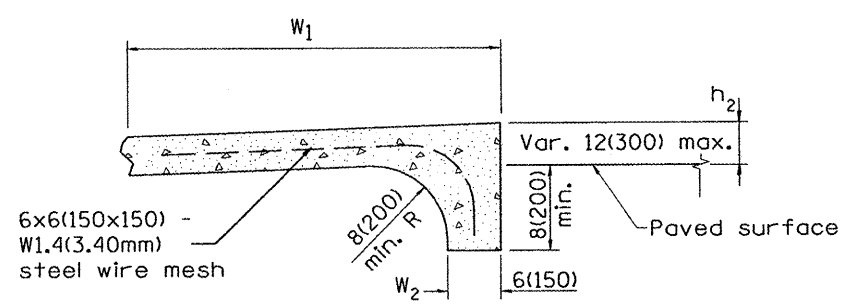


**COMBINATION CONCRETE CURB-SIDEWALK 4" (100mm)
(SPECIAL)**

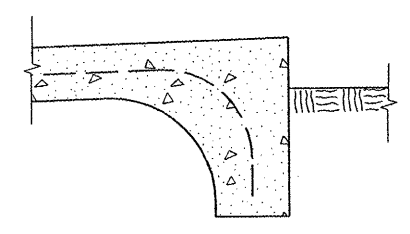
Measurement formula: $(W_1 + W_2 + h_1 + h_2) \times \text{length constructed} =$
Payment area in square feet (square meters)



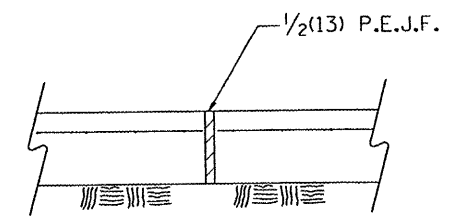
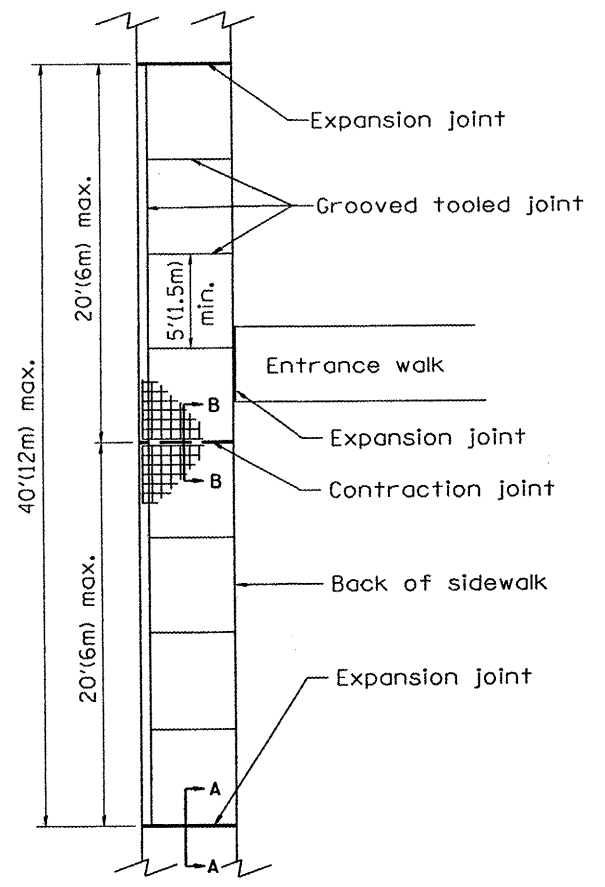
WITH TURF BORDER



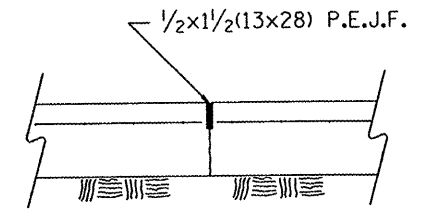
**ALTERNATE BACK DETAIL
WHEN SIDEWALK GRADE ABOVE EXISTING GRADE**



WITH TURF BORDER



**SEC. A-A
Expansion Joint**



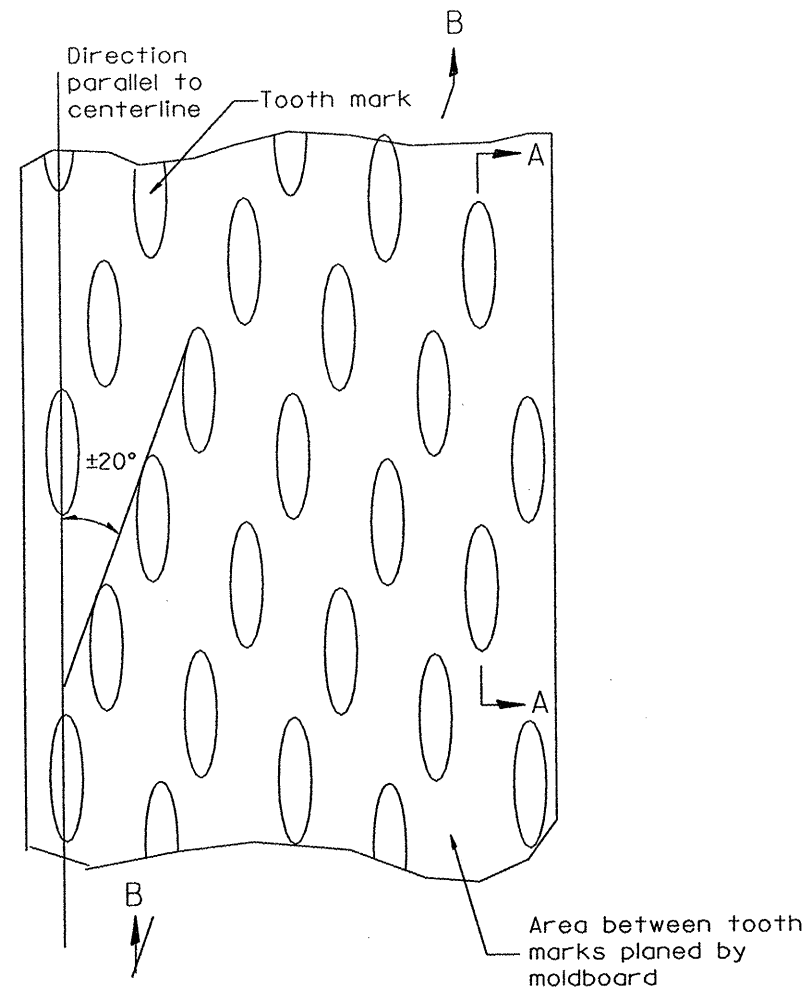
**SEC. B-B
Contraction Joint**

GENERAL NOTES:

- All provisions in Section 424 of the Standard Specifications shall apply, unless otherwise shown.

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

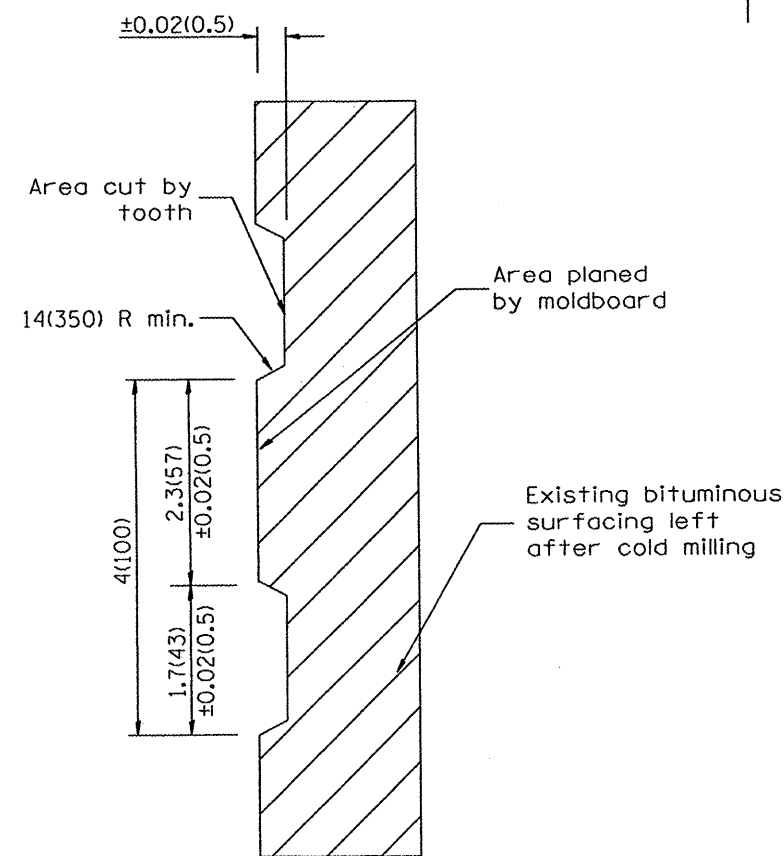
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| FILE NAME * | PLOT SCALE = *SCALE* | DESIGNED - RAW | REVISED - | | SPECIAL DETAILS COMBINATION CONCRETE CURB-SIDEWALK 4", SPECIAL | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| *FILEL* | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - | | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 115 | |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - | | | CONTRACT NO. 89352 | | | | | |
| | DATE - | REVISED - | | | | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | | |



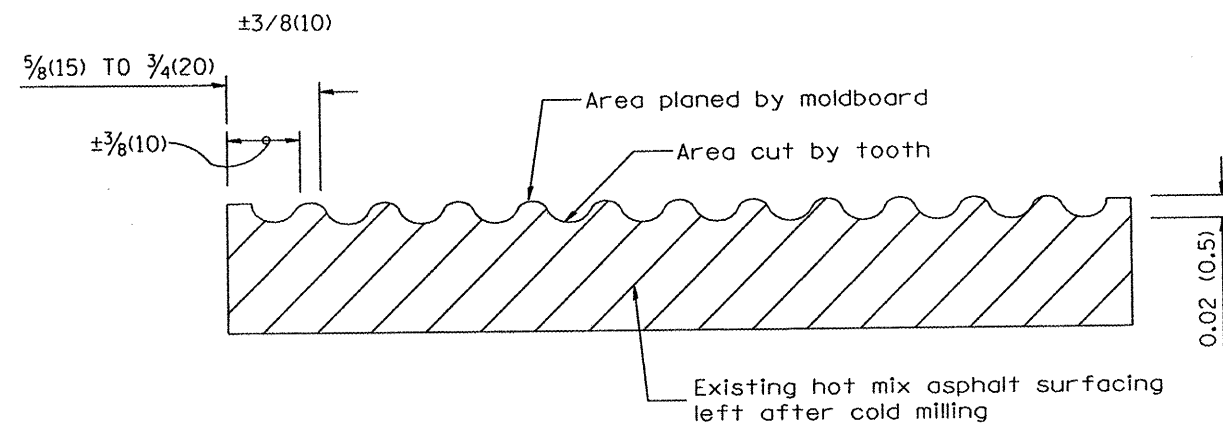
PLAN

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.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

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

| | |
|-------------|----------------------|
| FILE NAME = | PLOT SCALE = *SCALE* |
| | PLOT DATE = *DATE* |
| | PLOT TIME = *TIME* |

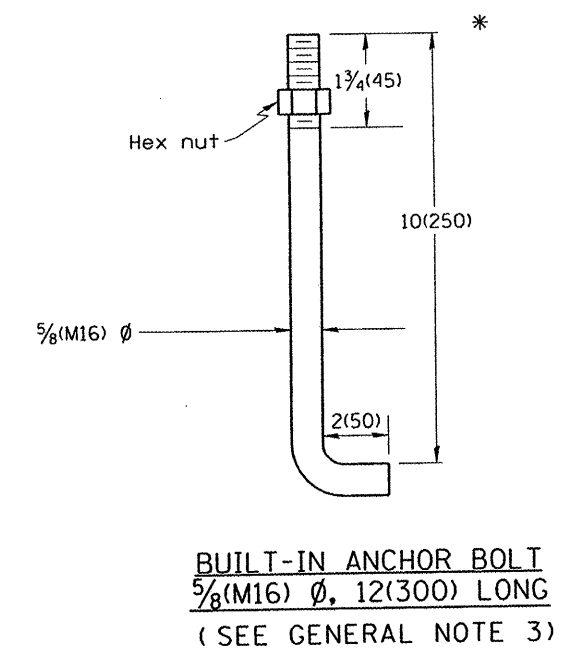
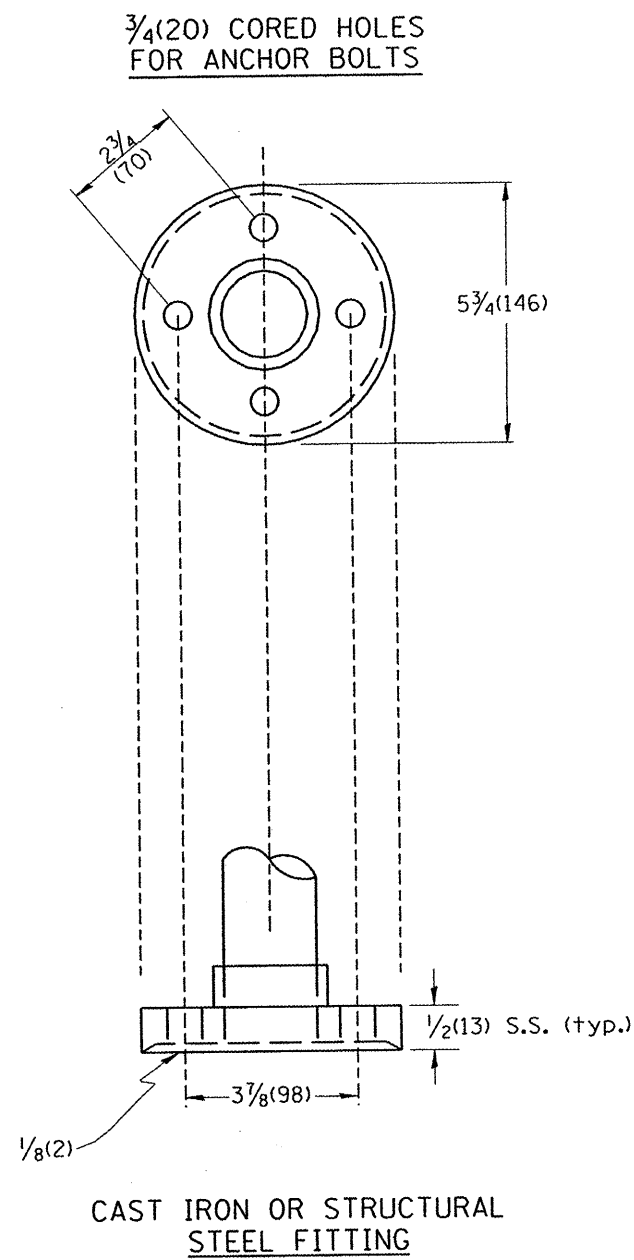
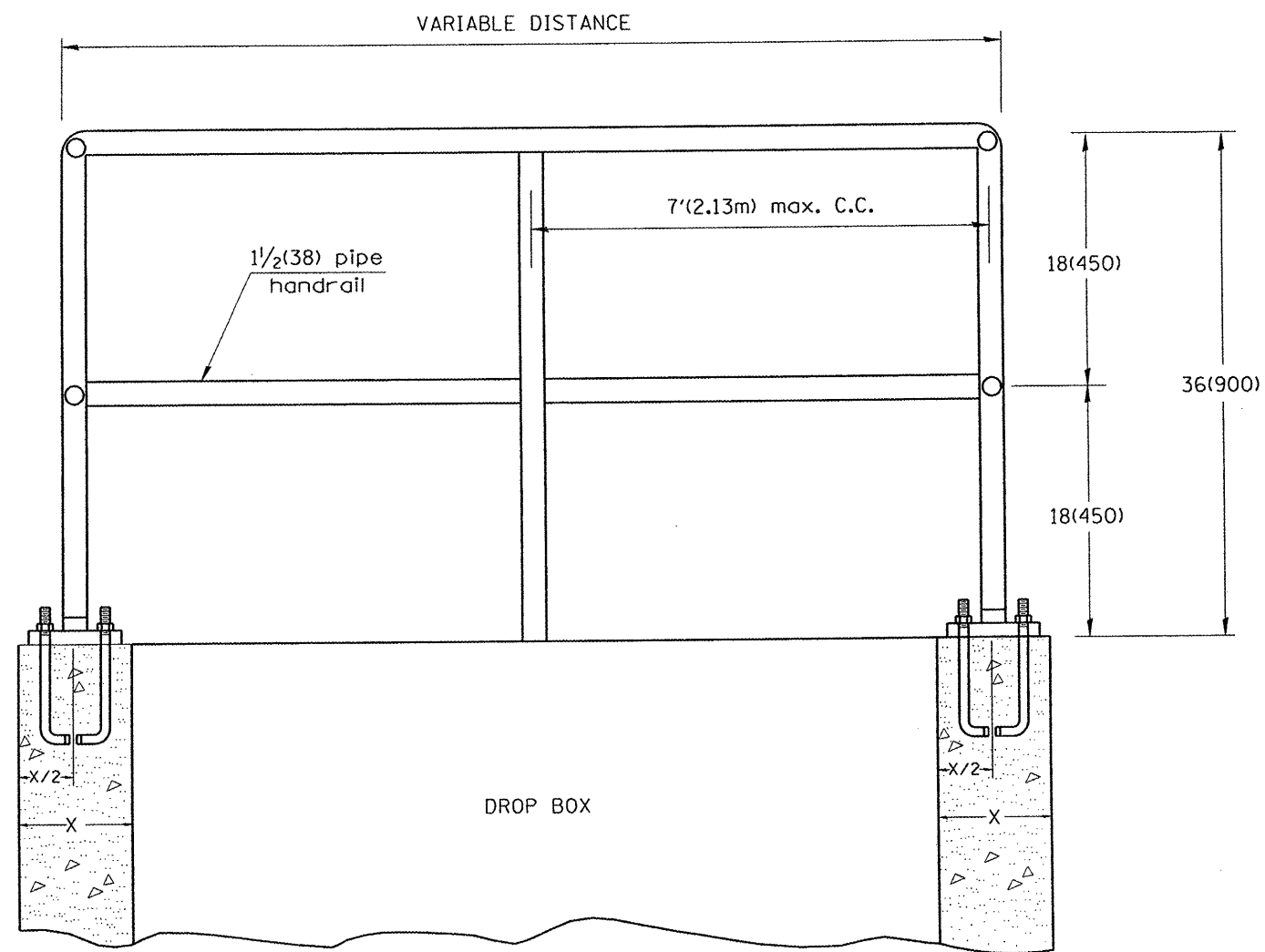
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| DATE | REVISED - |

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|----------------|-----------|
| DESIGNED - RAW | REVISED - |
| DRAWN - RAW | REVISED - |
| CHECKED - RJA | REVISED - |
| DATE | REVISED - |



| | |
|--|--------------------|
| SPECIAL DETAILS | |
| HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING) | |
| NO SCALE | CADD STD 440001-D4 |

| | | | | |
|---|----------------|----------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 116 |
| FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | CONTRACT NO. 89352 | |



GENERAL NOTES:

1. Article 509.04 of the Standard Specifications shall apply.
2. Connection of railing to posts shall be made by continuous welding or with using standard pipe fitting.
3. An equivalent epoxy anchor stud can be used in place of anchor shown. Anchor bolt holes shall be 3/4(20) in diameter and 5(125) deep. They shall be predrilled with an electric hammer drill to a depth of 4(100) prior to use of a pneumatic drill for the remaining 4(100). A two component encapsulated epoxy such as "Parabond" or an equivalent shall be used. Installation shall be according to Manufacturer's recommendations.
4. The pipe handrail shall be galvanized by the hot dip process.

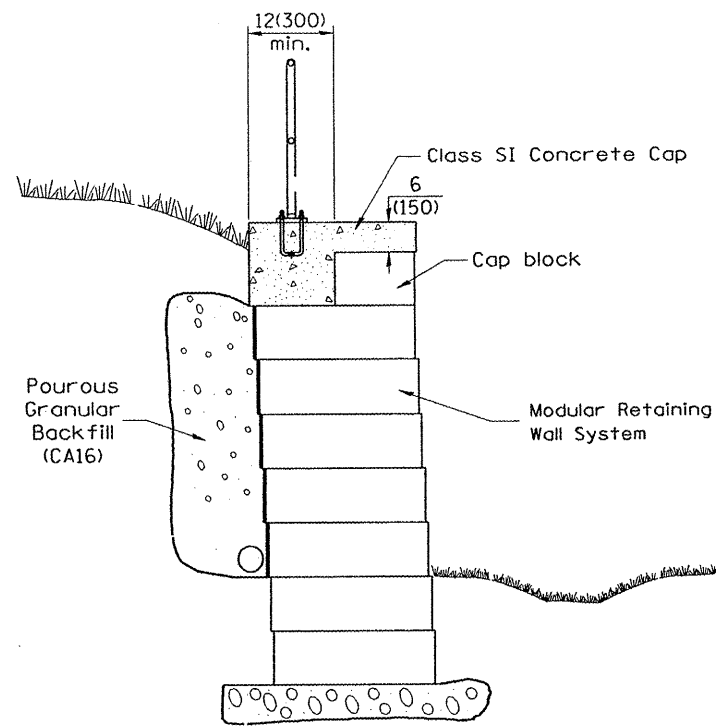
All dimensions are in inches (millimeters) unless otherwise noted.

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| | PLOT TIME = #TIME* | CHECKED - RJA | REVISED - |
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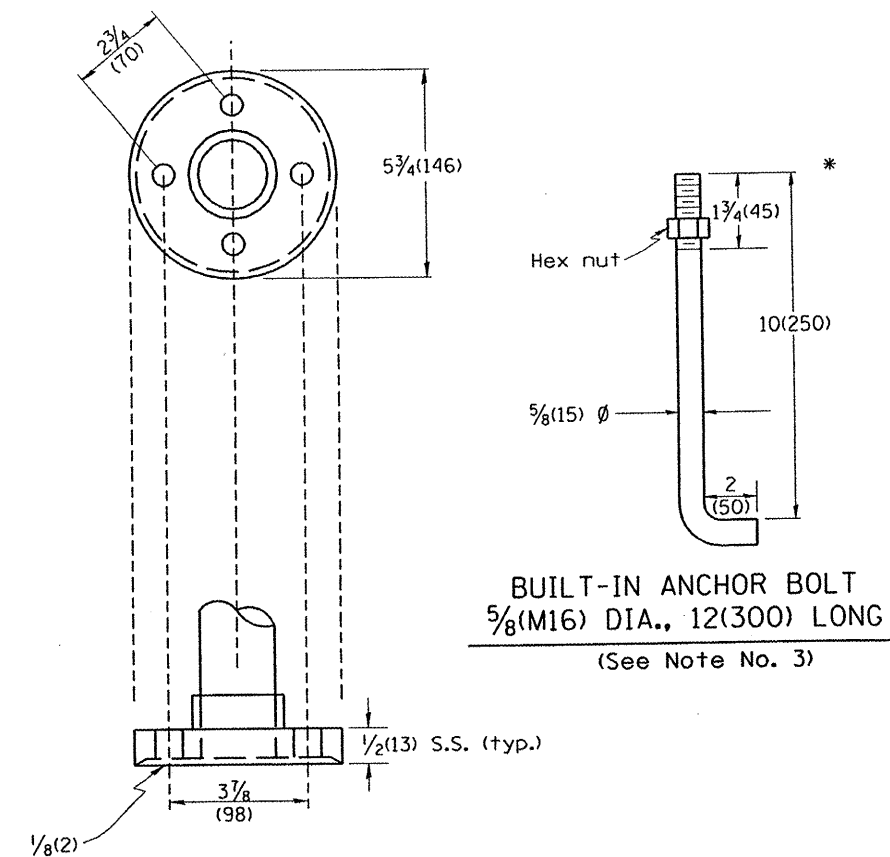
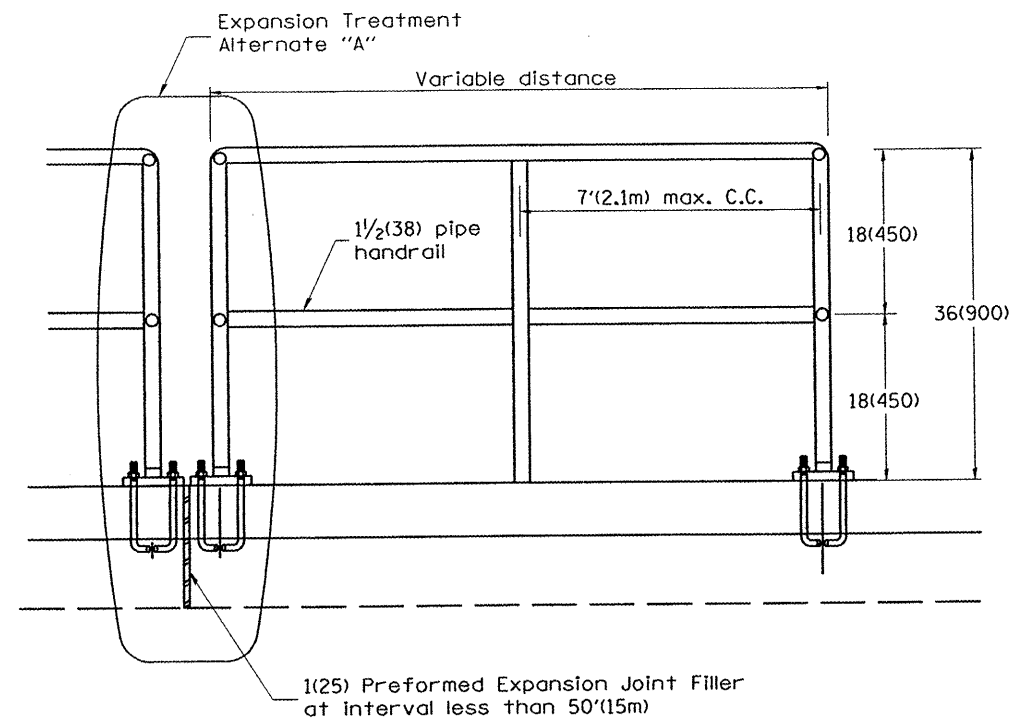


| | |
|--|--------------------|
| SPECIAL DETAILS | |
| DETAIL OF PIPE HANDRAIL FASTENING | |
| NO SCALE | CADD STD 510001-04 |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 117 |
| FED. ROAD DIST. NO. ILLINDIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |



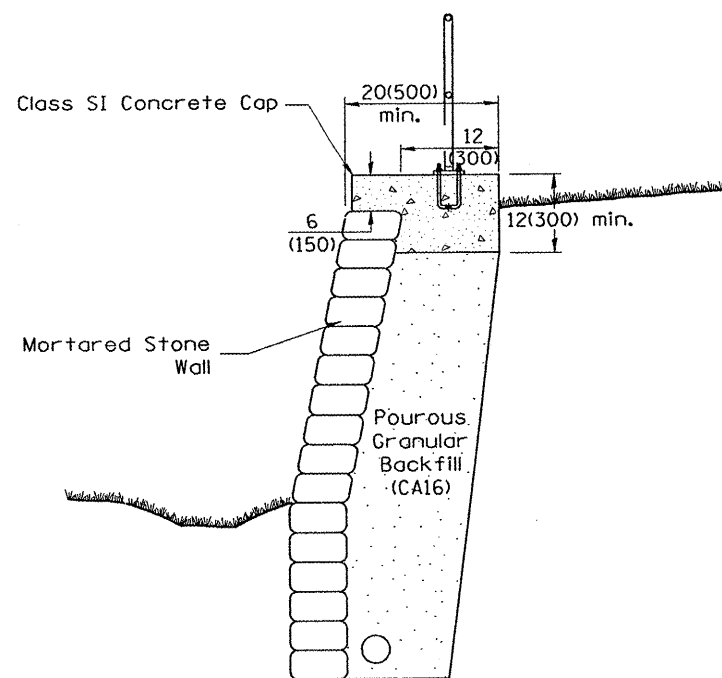
INSTALLATION AT
MODULAR RETAINING WALL



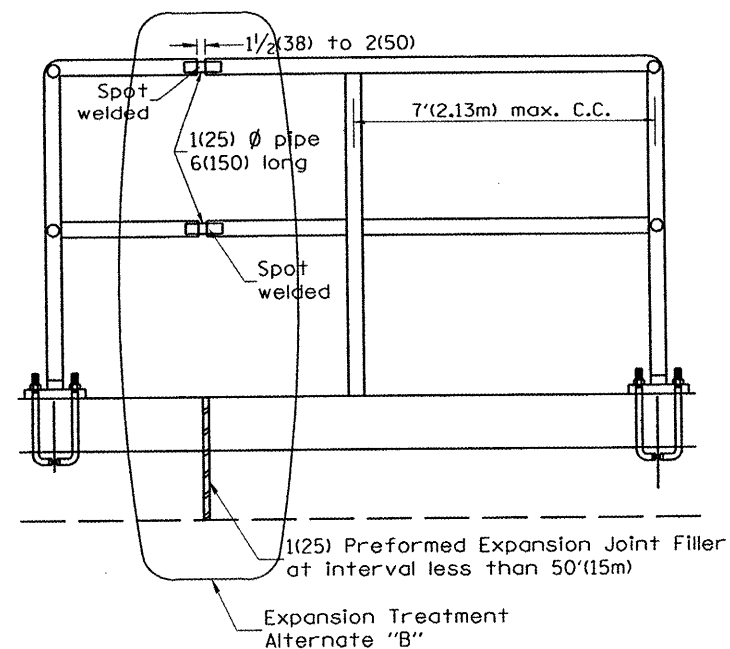
CAST IRON OR STRUCTURAL
STEEL FITTING

GENERAL NOTES

- Article 509.04 of the Standard Specifications shall apply.
- Connection of railing to posts shall be made by continuous welding or with using standard pipe fitting.
- An equivalent epoxy anchor stud can be used in place of anchor shown. Anchor bolt holes shall be 5(125) deep x 3/4(20) ϕ to be pre-drilled with an electric hammer drill to a depth of 1(25) prior to use of a pneumatic drill for the remaining 4(100). A two component encapsulated epoxy such as "Parabond" or an equivalent shall be used. Installation shall be according to Manufacturer's recommendations.
- The pipe handrail shall be galvanized by the hot dip process.
- It is Contractor's option to choose the expansion treatment "A" or "B". The spot welded area shall be painted to the satisfaction of the Engineer. This work shall be included in the contract unit price for Pipe Handrail.



INSTALLATION AT
MORTARED STONE WALL



PIPE HANDRAIL

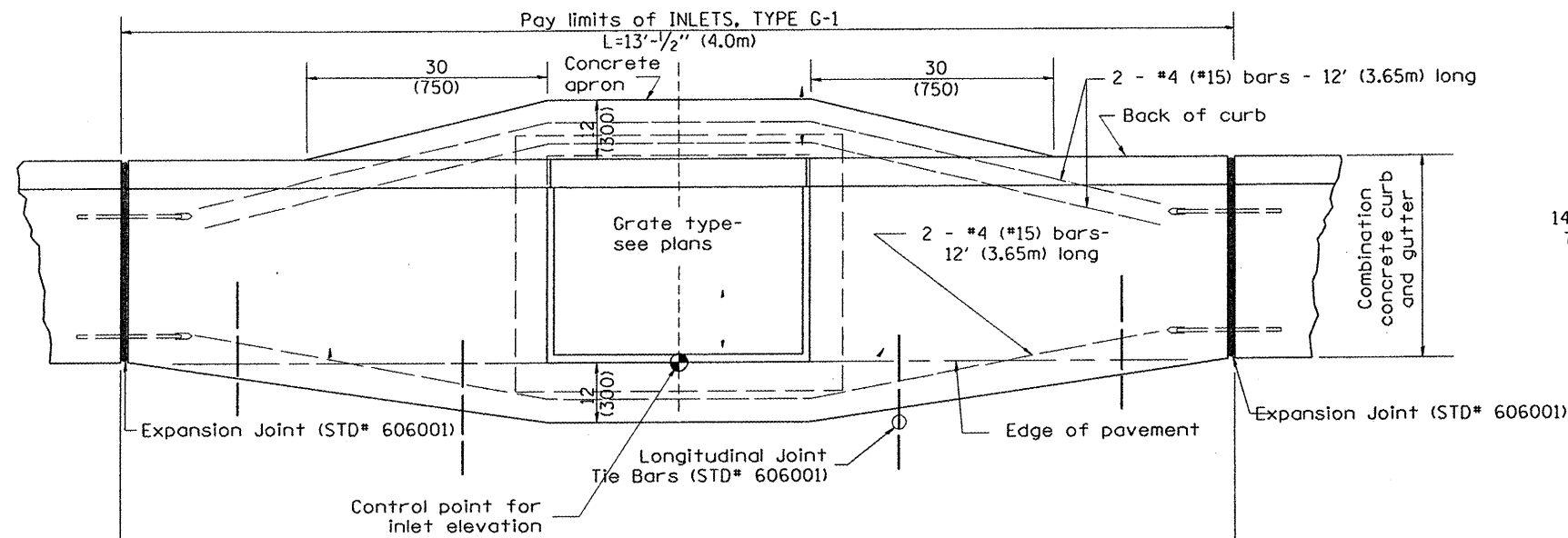
All dimensions are in inches (millimeters) unless otherwise noted.

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| | | DATE - | REVISED - |

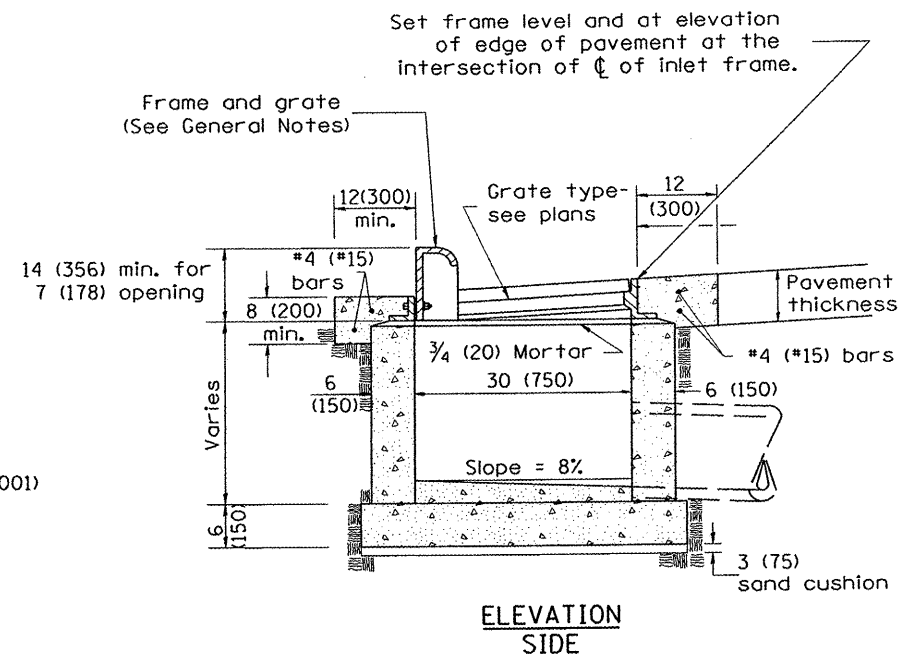


| | |
|--|--------------------|
| SPECIAL DETAILS | |
| DETAIL OF PIPE HANDRAIL FOR MORTARED STONE WALL AND MODULAR RETAINING WALL | |
| NO SCALE | CADD STD 510101-04 |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 118 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |



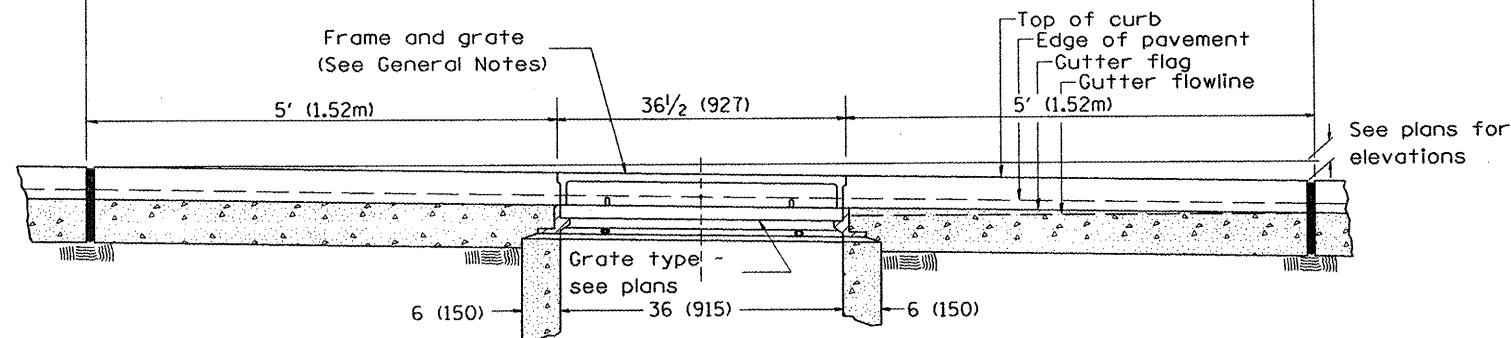
PLAN



ELEVATION SIDE

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.



ELEVATION FRONT

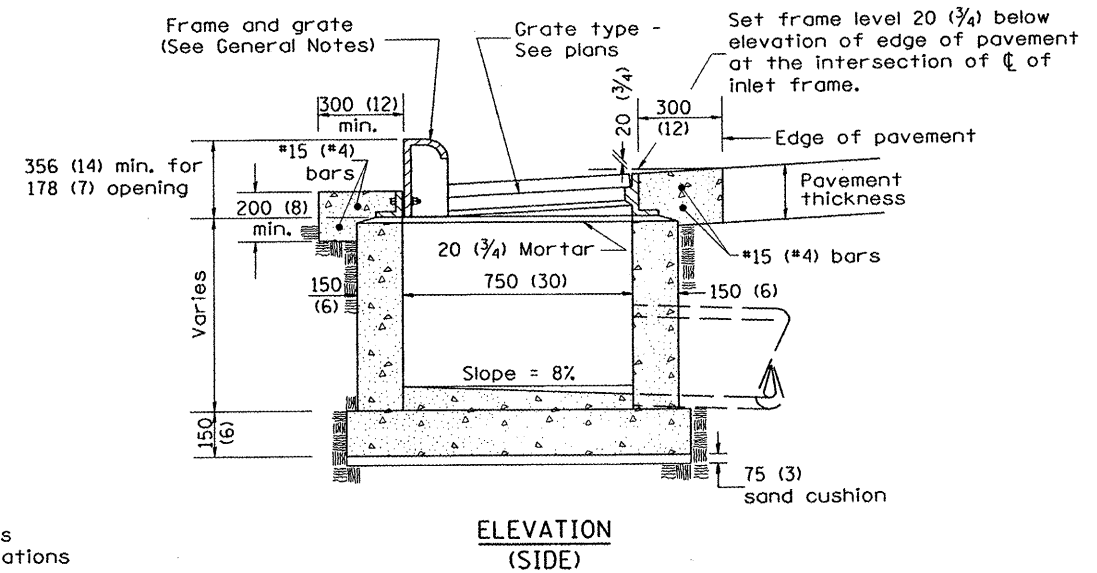
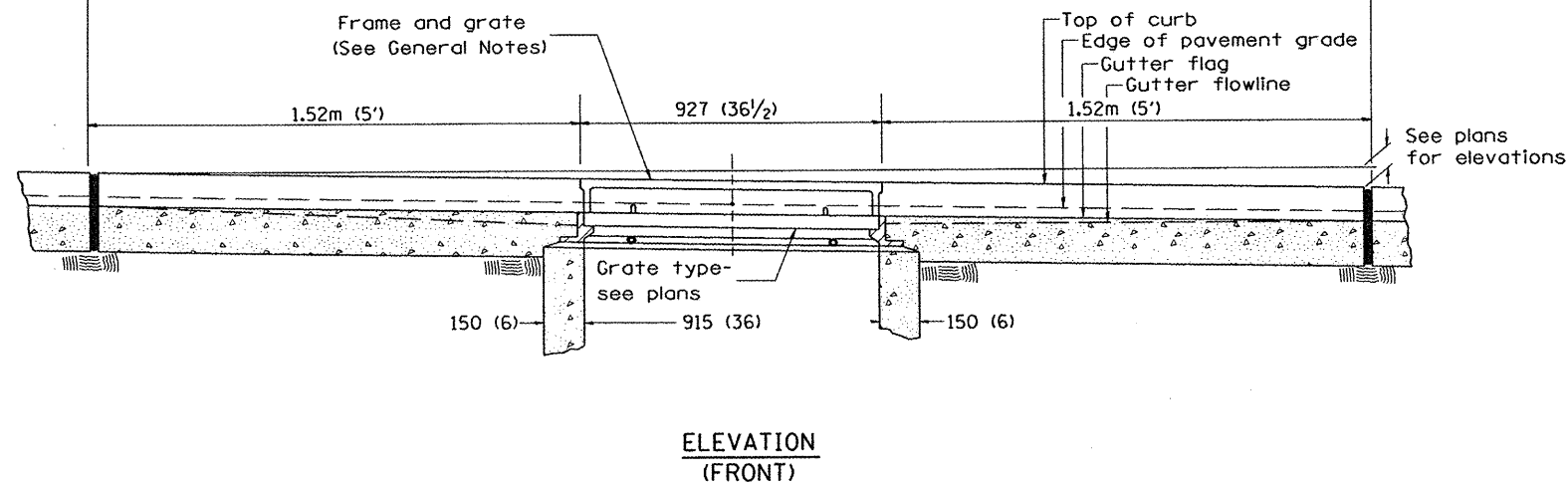
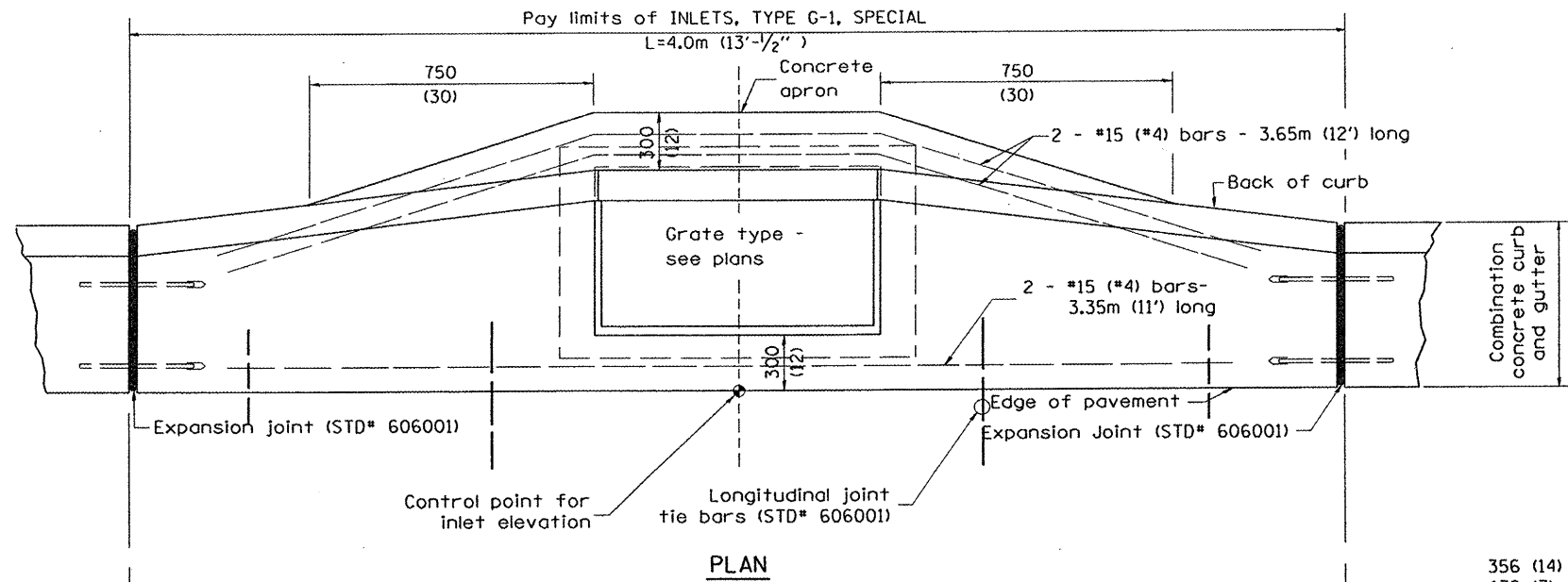
All dimensions are in inches (millimeters) unless otherwise noted.

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| | PLOT DATE = #DATE# | DRAWN - RAW | REVISED - |
| | PLOT TIME = #TIME# | CHECKED - RJA | REVISED - |
| | | DATE - | REVISED - |



| | |
|------------------|--------------------|
| SPECIAL DETAILS | |
| INLETS, TYPE G-1 | |
| NO SCALE | CADD STD 602001-D4 |

| | | | | |
|---|----------------|----------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | D4-00141-00-FP | TAZEWELL | 187 | 119 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |



GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

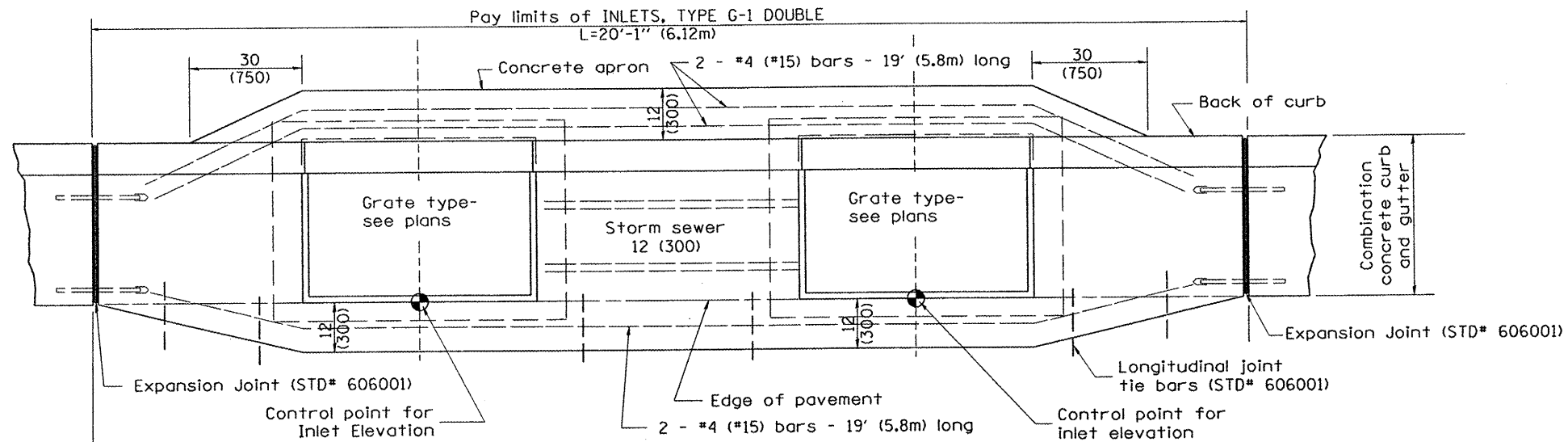
All dimensions are in millimeters (inches) unless otherwise noted.



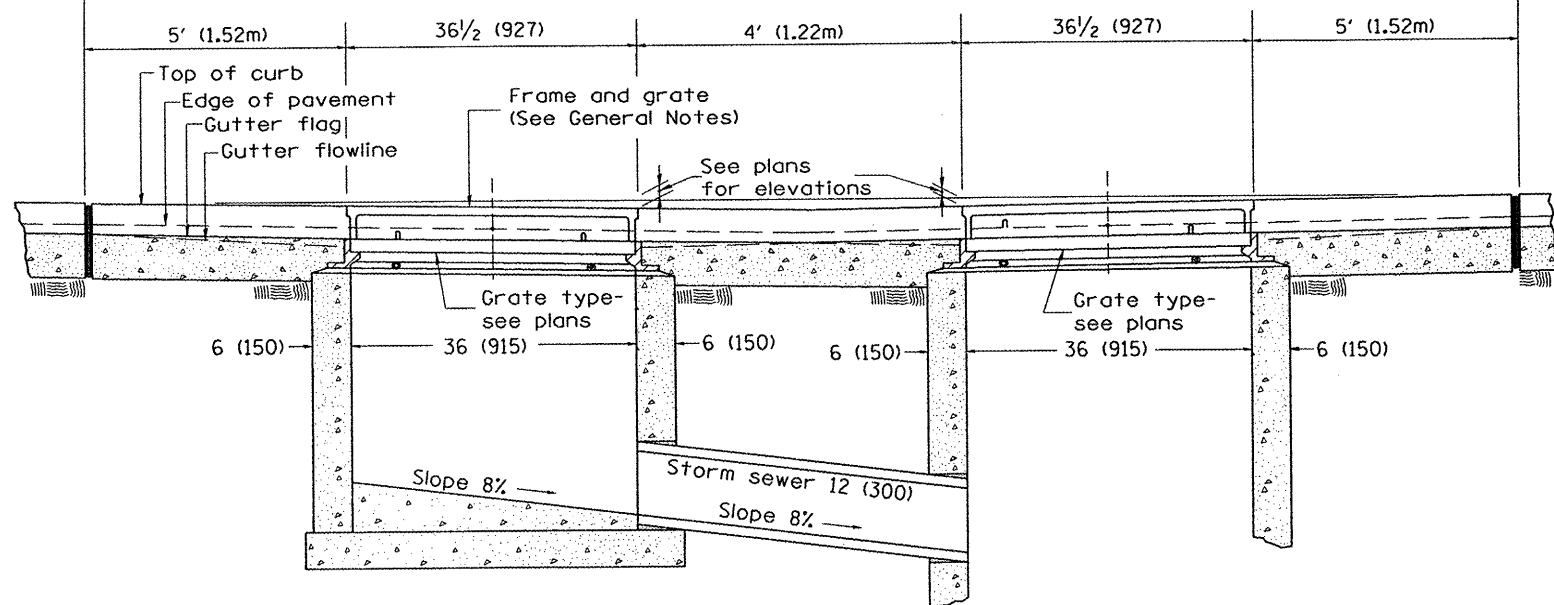
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| | PLOT DATE = \$DATE\$ | DRAWN - RAW | REVISED - |
| | PLOT TIME = \$TIME\$ | CHECKED - RJA | REVISED - |
| | | DATE - | REVISED - |

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|----------------------------------|--------------------|
| SPECIAL DETAILS | |
| INLETS, TYPE G-1, SPECIAL | |
| NO SCALE | CADD STD 602006-D4 |

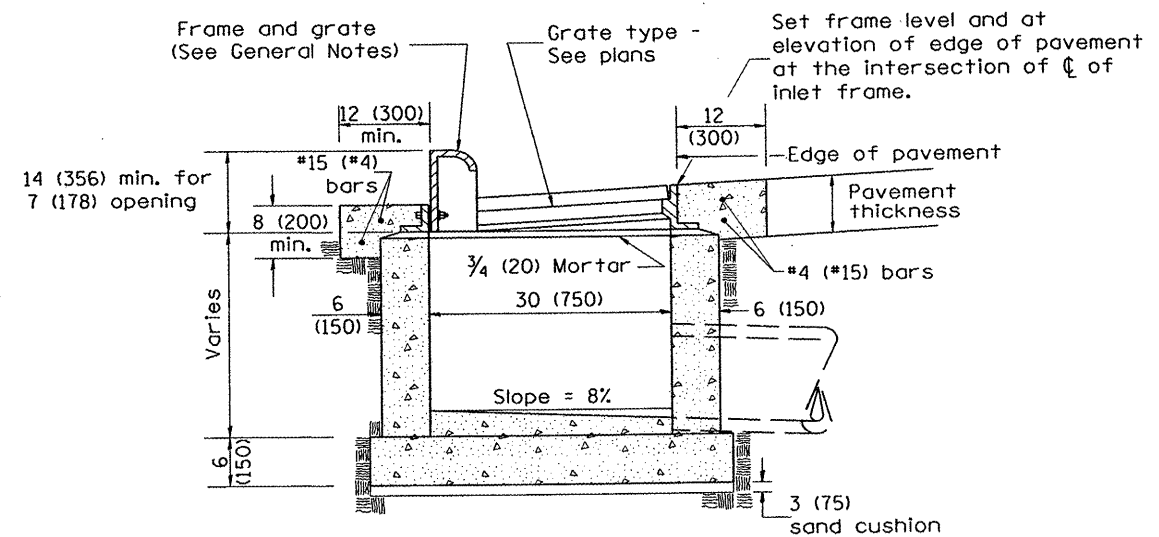
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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 120 |
| CONTRACT NO. 89352 | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | |



PLAN



FRONT ELEVATION

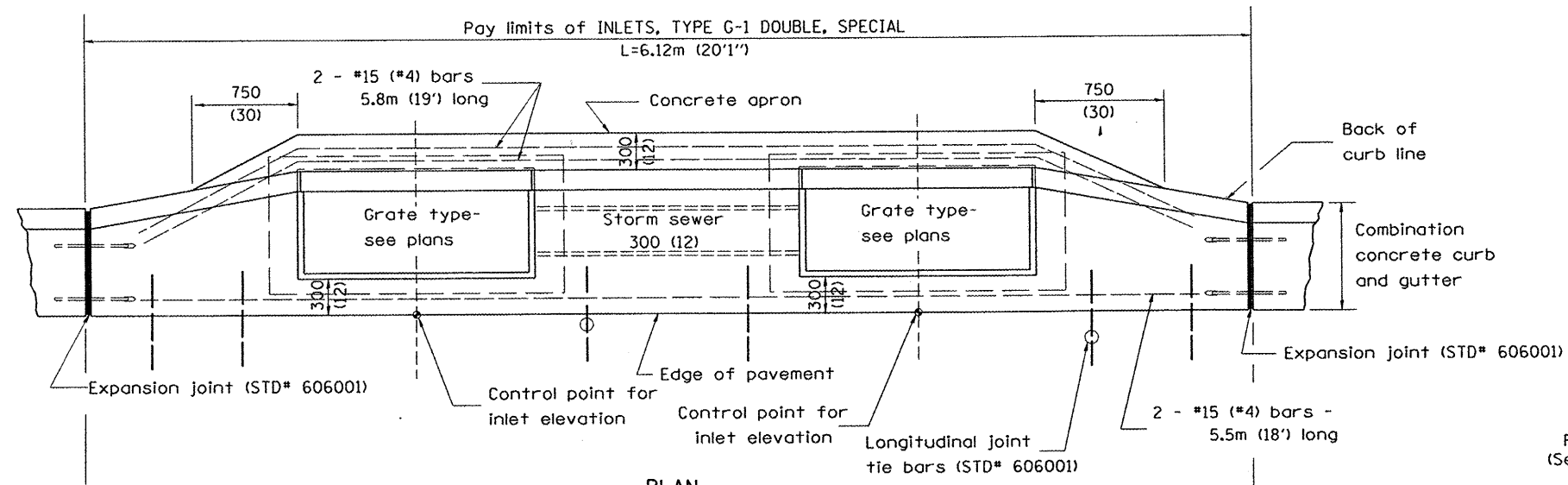


ELEVATION (SIDE)

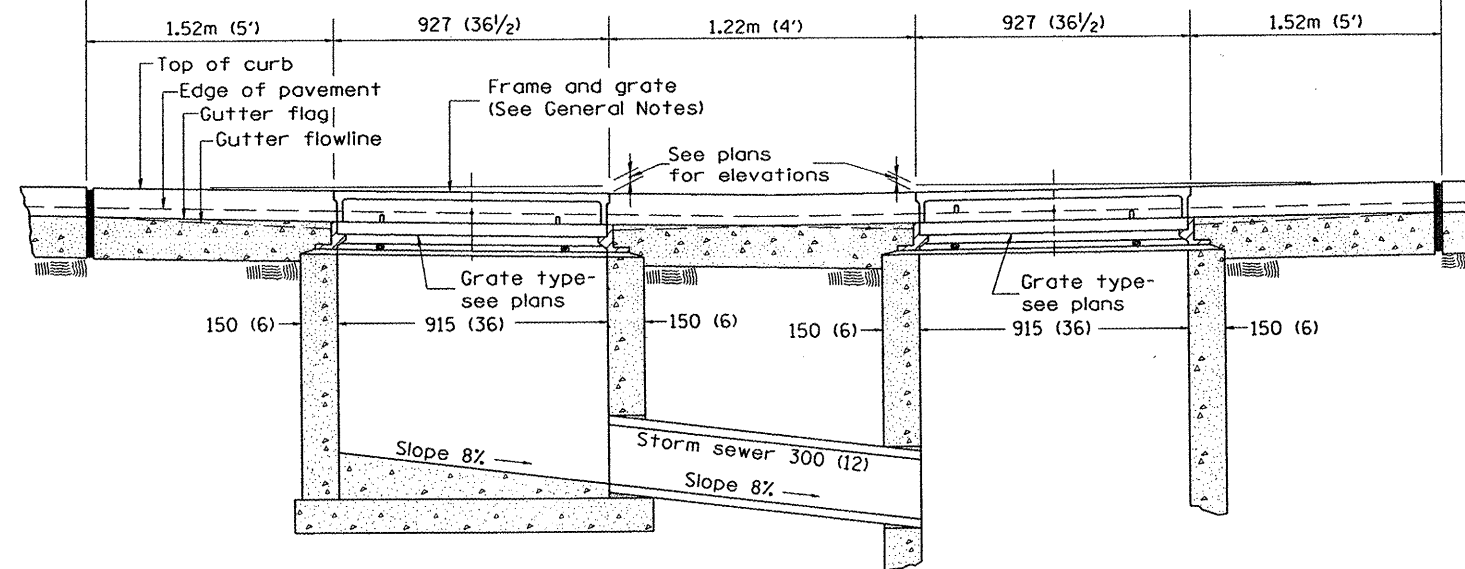
GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

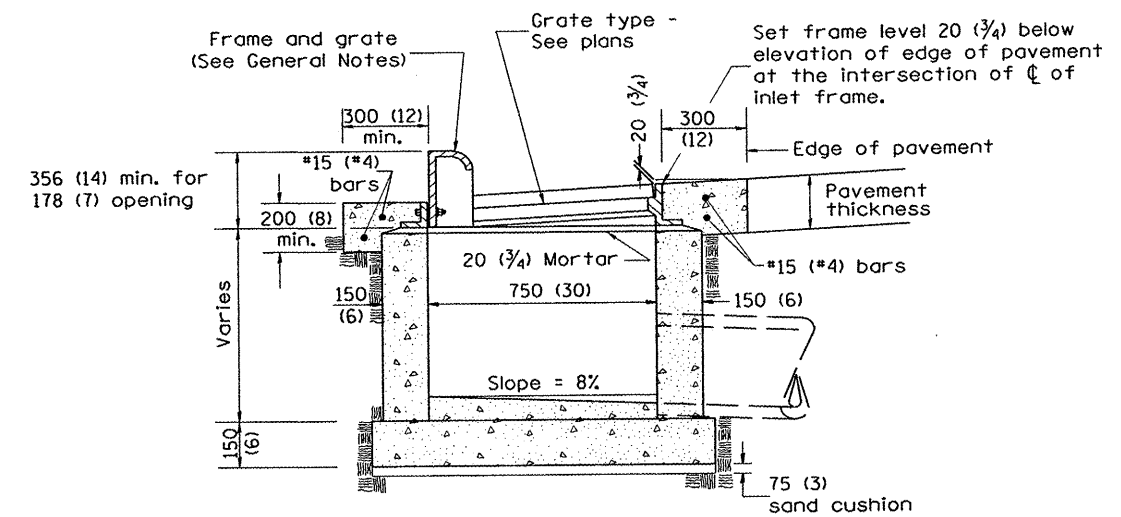
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| FILE NAME * | PLOT SCALE = *SCALE* | DESIGNED - RAW | REVISED - | MAURER & STUTZ, INC. ENGINEERS SURVEYORS | SPECIAL DETAILS INLETS, TYPE G-1, DOUBLE | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - | | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 121 |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - | | | CONTRACT NO. 89352 | | | | |
| #FILE# | DATE | REVISED - | NO SCALE | CADD STD 602011-D4 | FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | | |



PLAN



FRONT ELEVATION



ELEVATION (SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

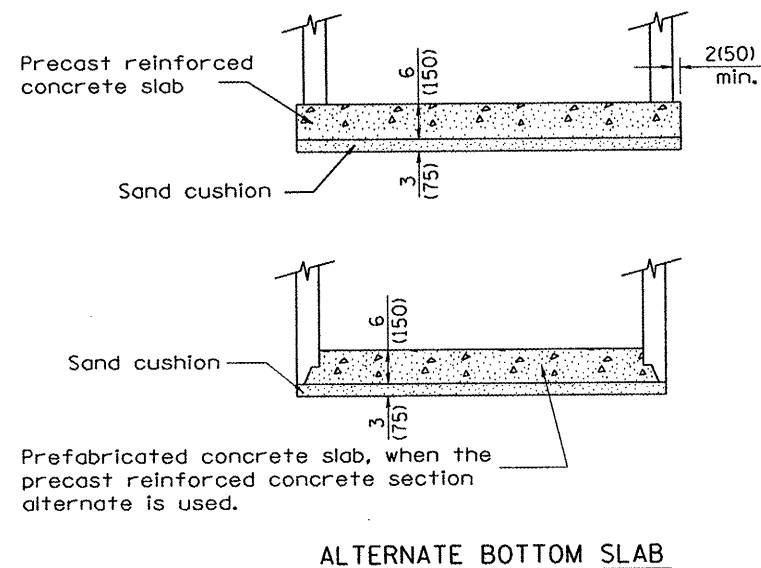
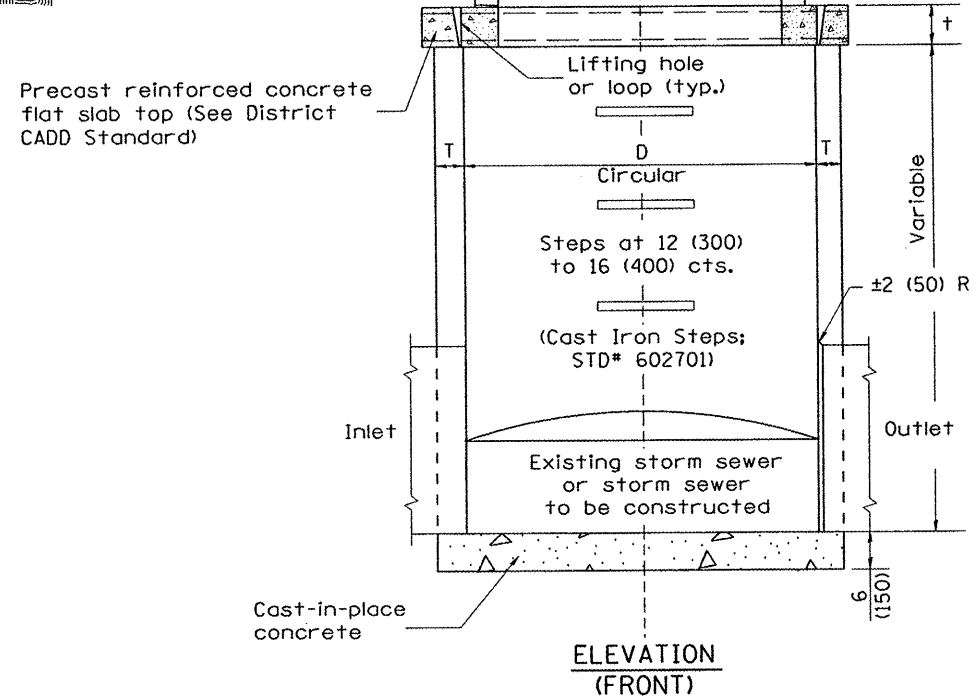
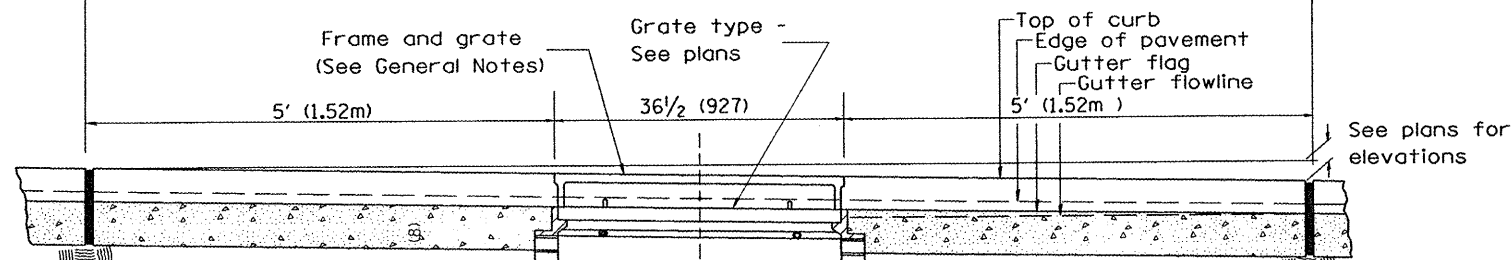
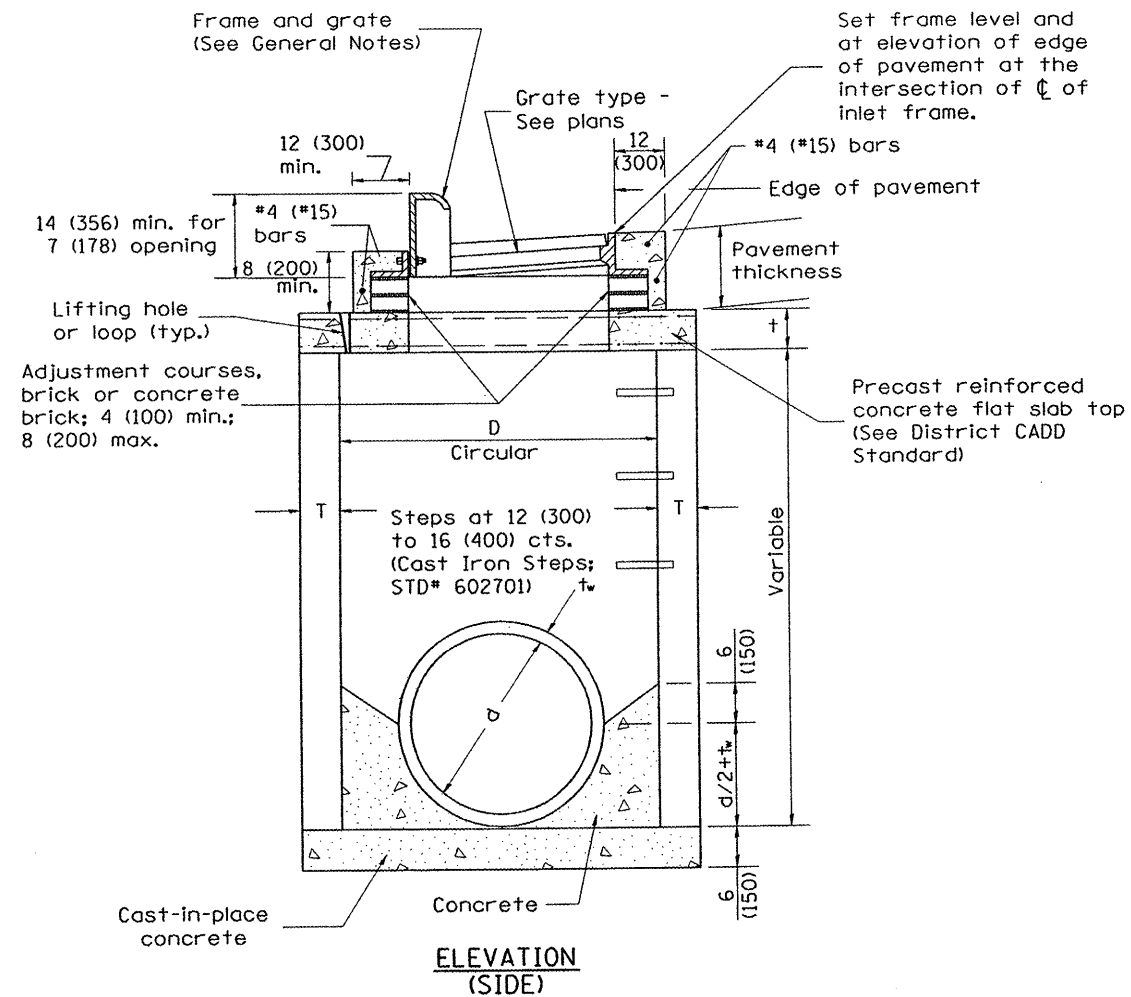
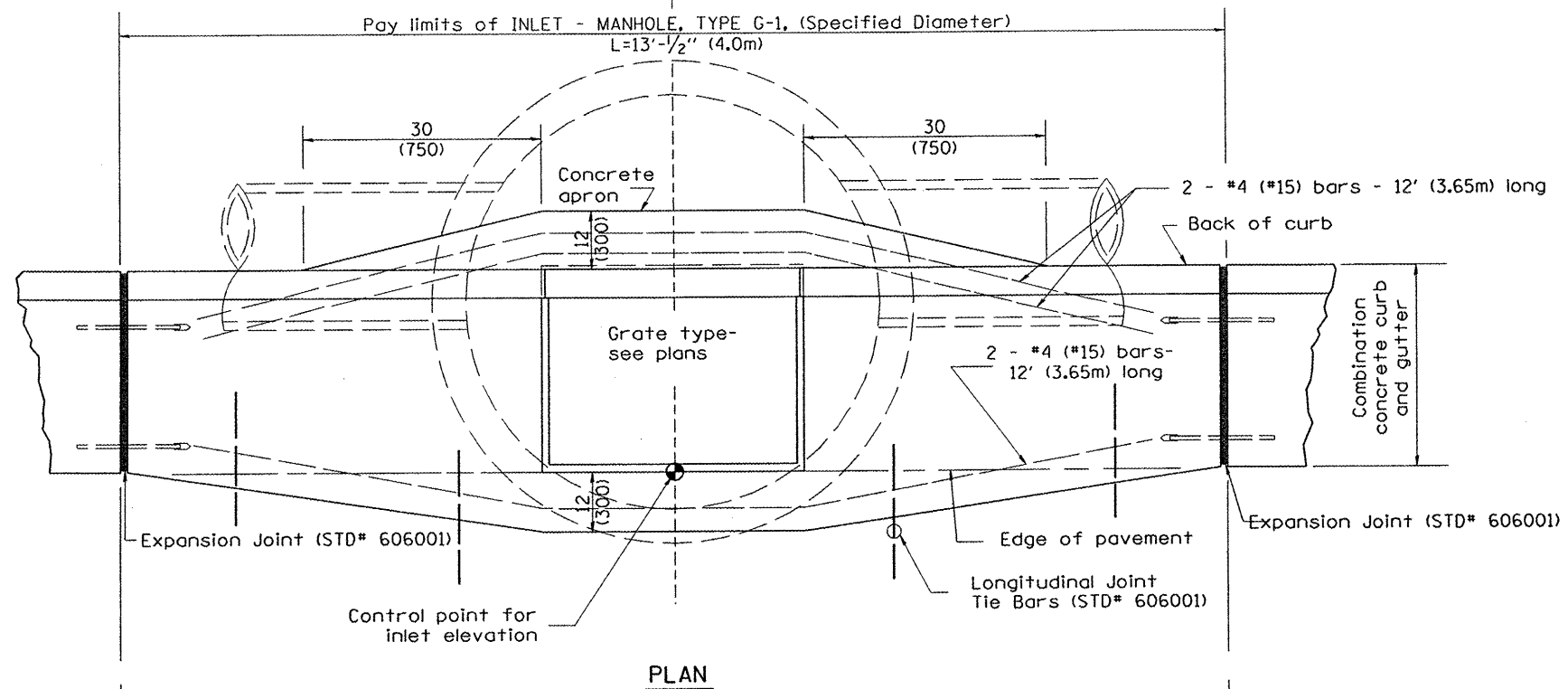
All dimensions are in millimeters (inches) unless otherwise noted.

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| | PLOT DATE = \$DATE# | DRAWN - RAW | REVISED - |
| | PLOT TIME = \$TIME# | CHECKED - RJA | REVISED - |
| \$FILE# | | DATE - | REVISED - |



| | |
|-----------------------------------|--------------------|
| SPECIAL DETAILS | |
| INLETS, TYPE G-1, DOUBLE, SPECIAL | |
| NO SCALE | CADD STD 602016-D4 |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 122 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |



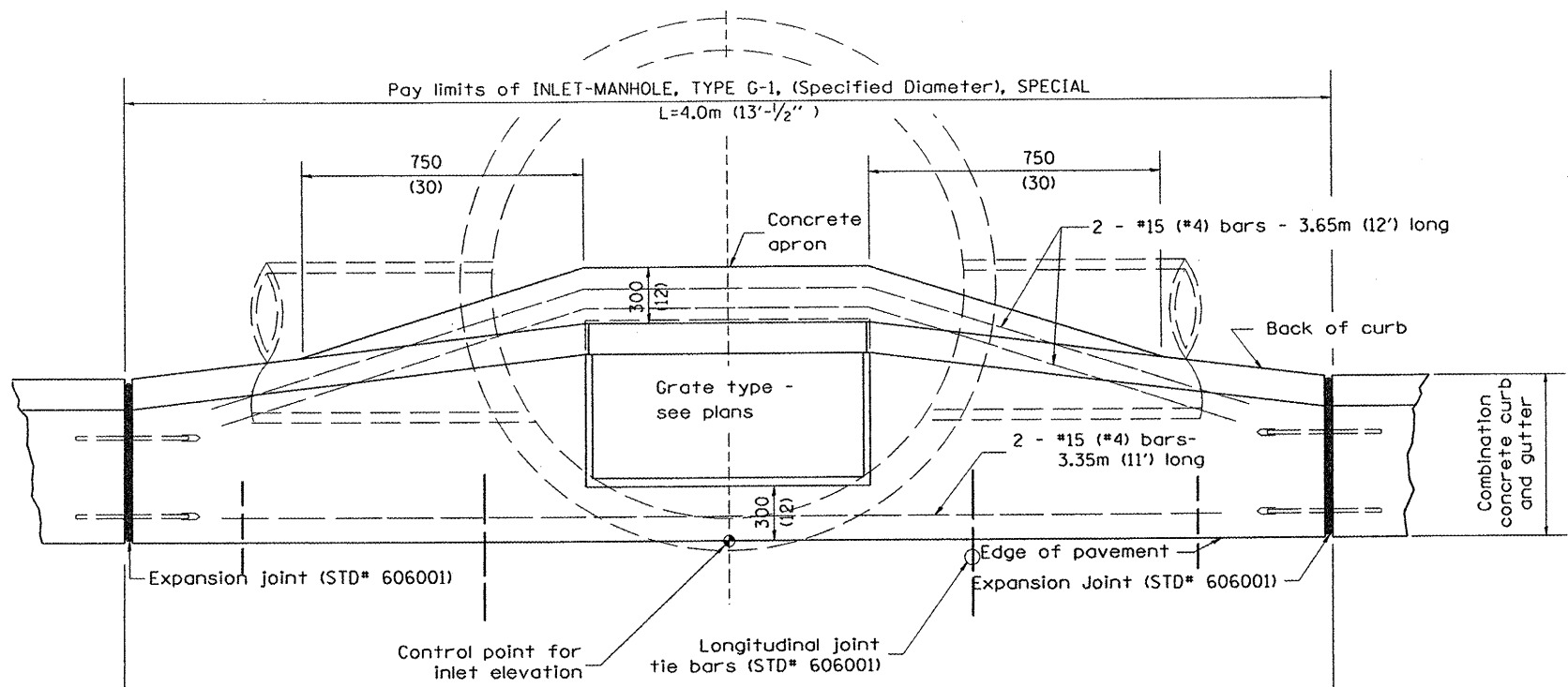
TABLE

| D | T | t |
|-----------|-------------|----------|
| 4' (1.2m) | 5 (125) | 6 (150) |
| 5' (1.5m) | 6 (150) | 8 (200) |
| 6' (1.8m) | 7 3/4 (195) | 8 (200) |
| 8' (2.4m) | 9 (225) | 10 (250) |

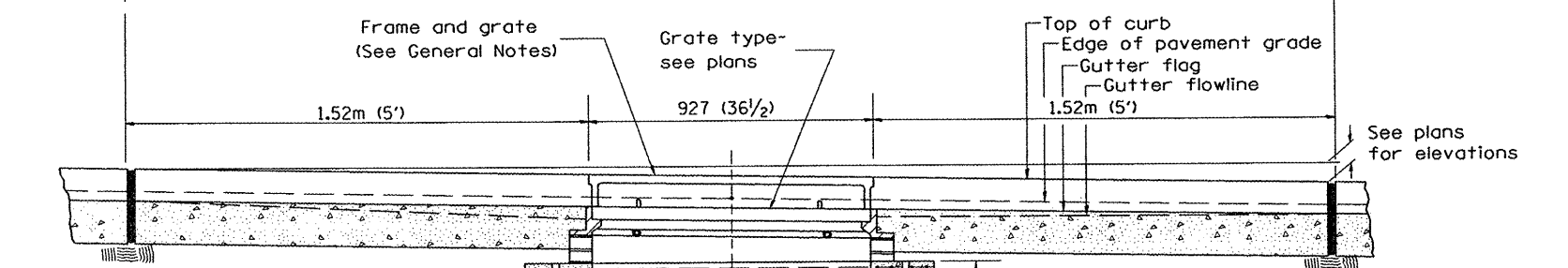
GENERAL NOTES

1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.
4. See District CADD Standard for precast reinforced concrete flat slab top.

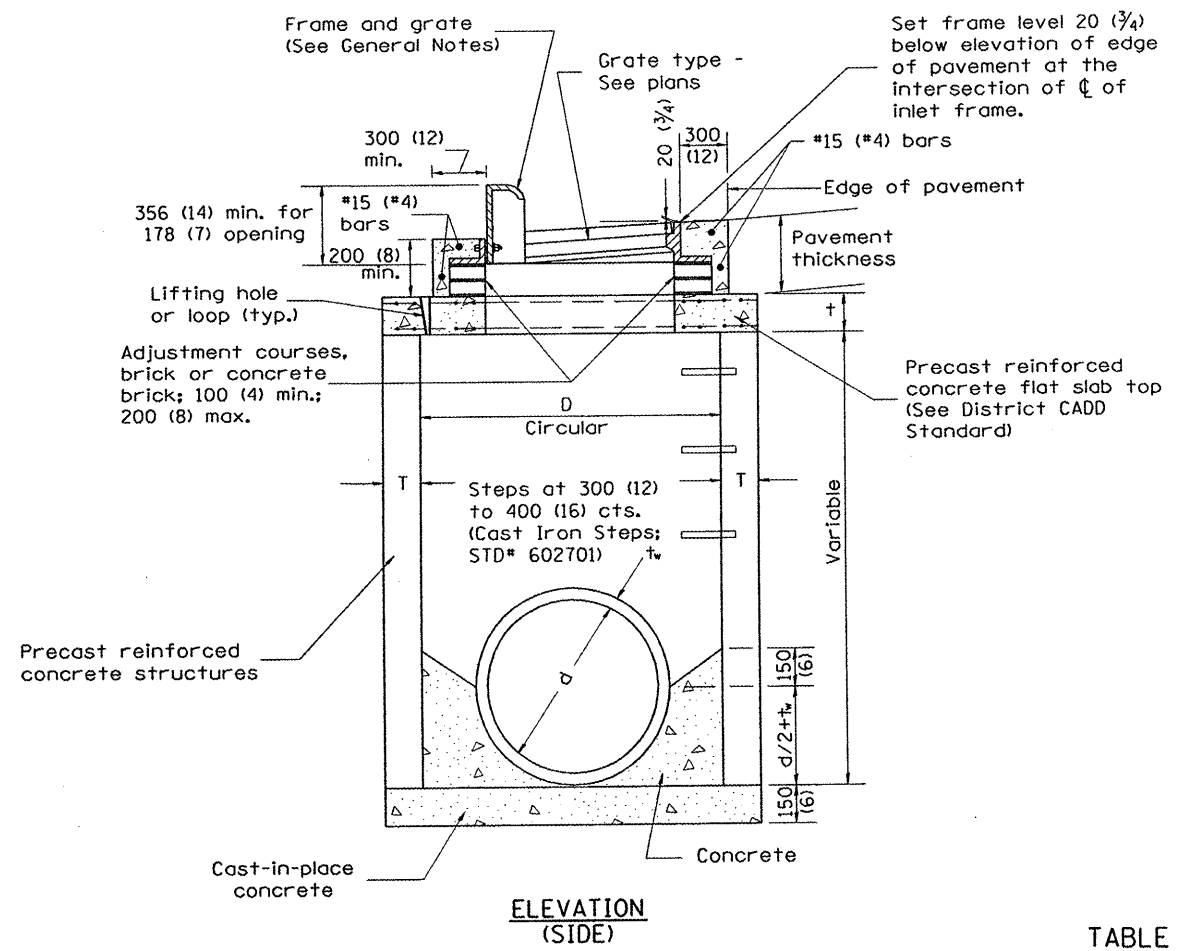
All dimensions are in inches (millimeters) unless otherwise noted.



PLAN



ELEVATION (FRONT)



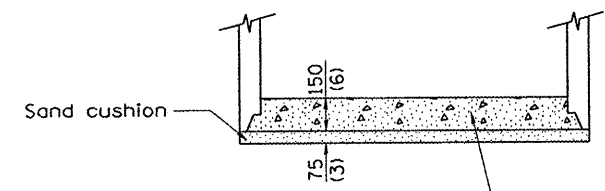
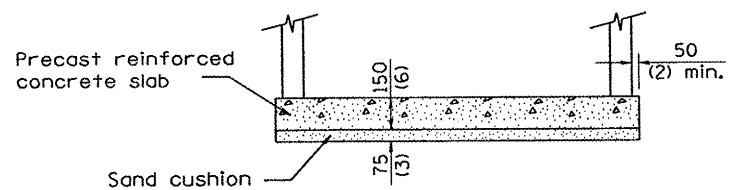
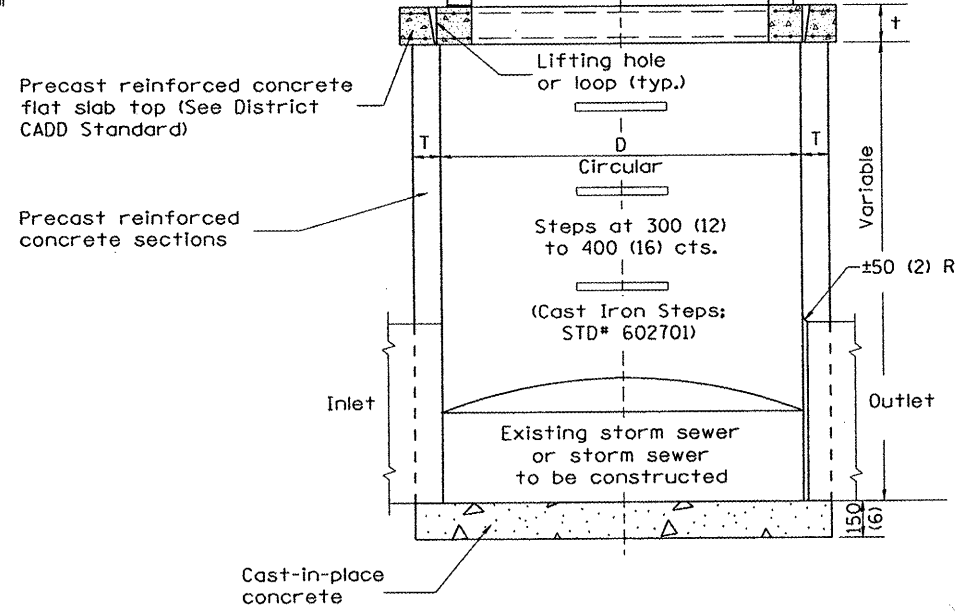
ELEVATION (SIDE)

TABLE

| D | T | t |
|-----------|-------------|----------|
| 1.2m (4') | 125 (5) | 150 (6) |
| 1.5m (5') | 150 (6) | 200 (8) |
| 1.8m (6') | 195 (7 3/4) | 200 (8) |
| 2.4m (8') | 225 (9) | 250 (10) |

GENERAL NOTES

- Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
- Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
- See District CADD Standard 604001-D4 for frame and grates.
- See District CADD Standard for precast reinforced concrete flat slab top.

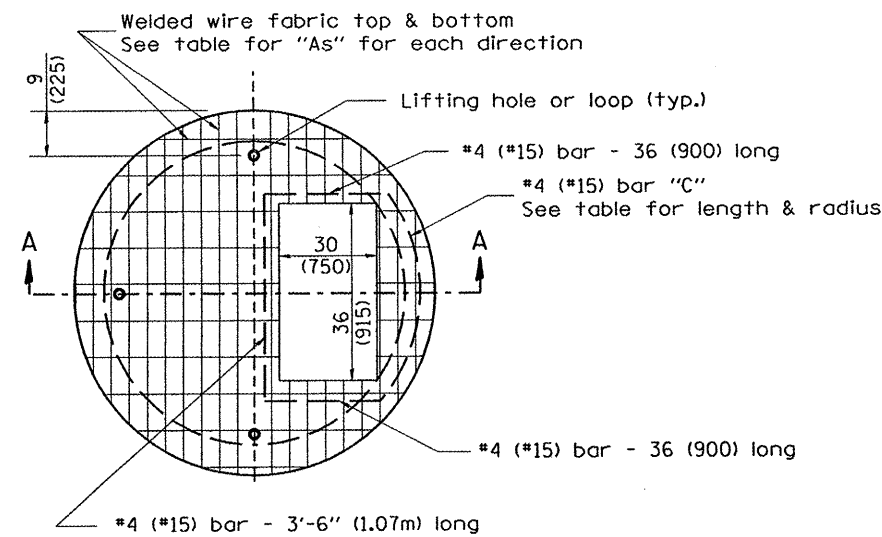


Prefabricated concrete slab, when the precast reinforced concrete section alternate is used.

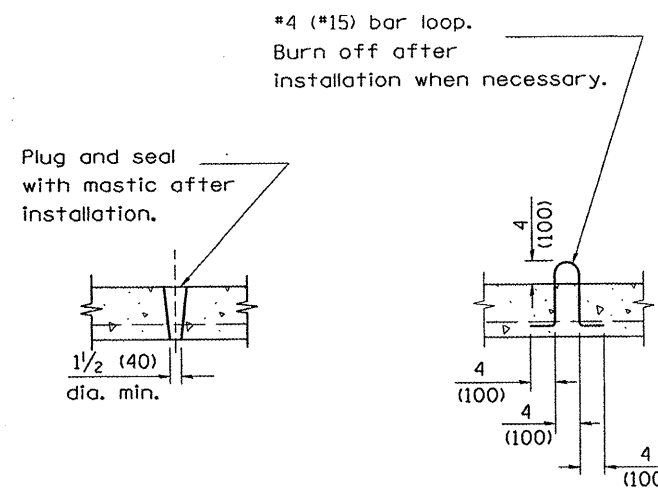
ALTERNATE BOTTOM SLAB

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

| | | | | | | | | | | | |
|-------------|----------------------|----------------|-----------|--|---|---|----------------|----------|--------------|-----------|--|
| FILE NAME : | PLOT SCALE = #SCALE# | DESIGNED - RAW | REVISED - | | SPECIAL DETAILS INLET-MANHOLE, TYPE G-1, SPECIAL | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| #FILE# | PLOT DATE = #DATE# | DRAWN - RAW | REVISED - | | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 124 | |
| | PLOT TIME = #TIME# | CHECKED - RJA | REVISED - | | | CONTRACT NO. 89352 | | | | | |
| | DATE - | DATE - | REVISED - | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | |
| | | | | | NO SCALE | CADD STD 602026-D4 | | | | | |

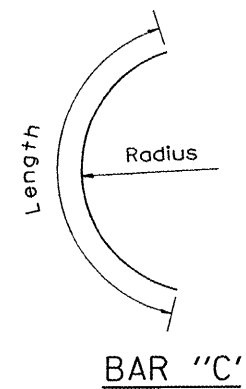


PLAN



LIFTING HOLE OR LIFTING LOOP
TYPICAL

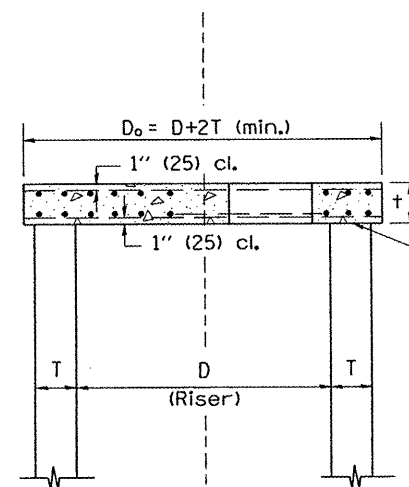
(3 required per slab)



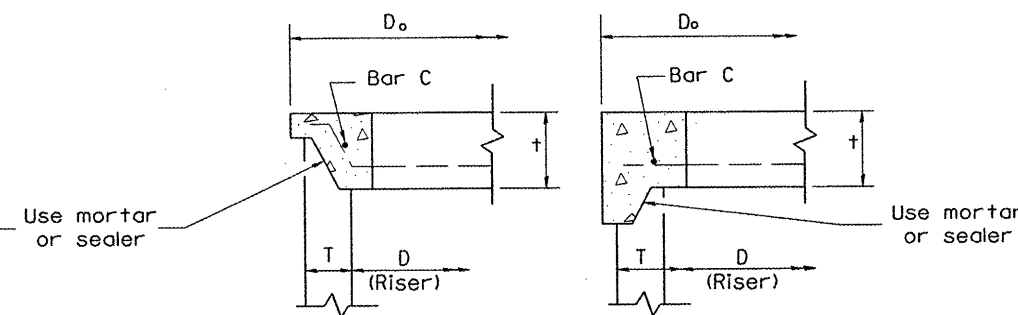
BAR "C"

TABLE

| D | T | D _o (min.) | t | Reinforcement "As" W.W.F. each direction | Bar size | No. 15 (No. 4) Bar C | |
|--------------|----------------|--------------------------|-------------|--|-------------------|-------------------------|------------------|
| | | | | | | Length | Radius |
| 4' (1.2m) | 5 (125) | 4'-10" (1.5m) | 6 (150) | 0.70 sq. inch/lin. ft. (1480mm ² /m) | No. 15 (No. 5) | 1.35m (4'-6") | 660 (26) |
| 5' (1.5m) | 6 (150) | 6'-0" (1.8m) | 8 (200) | 0.70 sq. inch/lin. ft. (1480mm ² /m) | No. 15 (No. 5) | 1.5m (5'-0") | 810 (32) |
| 6' (1.8m) | 7 3/4 (195) | 7'-3 1/2" (2.2m) | 8 (200) | 0.88 sq. inch/lin. ft. (1860mm ² /m) | No. 20 (No. 6) | 1.8m (6'-0") | 965 (38) |
| 8' (2.4m) | 9 (225) | 9'-6" (2.9m) | 10 (250) | 0.88 sq. inch/lin. ft. (1860mm ² /m) | No. 20 (No. 6) | 2.3m (7'-6") | 1.27m (4'-2") |



SECTION A-A

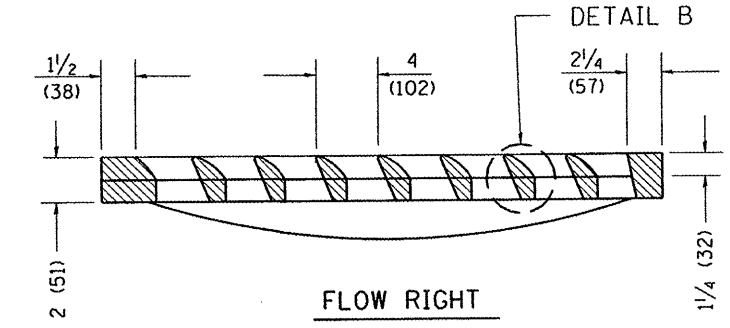
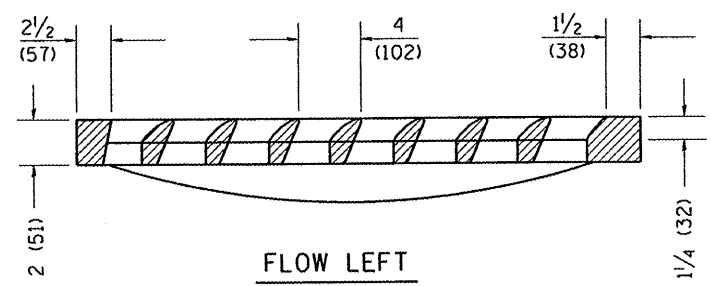
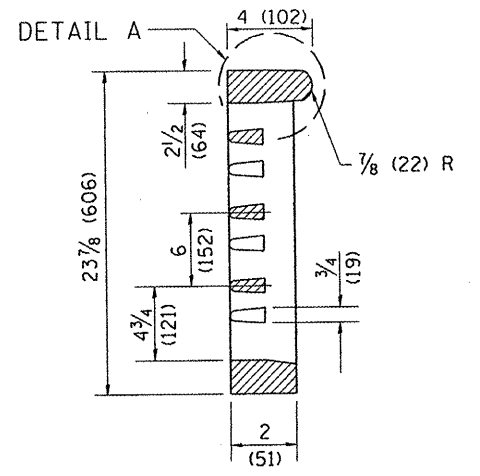
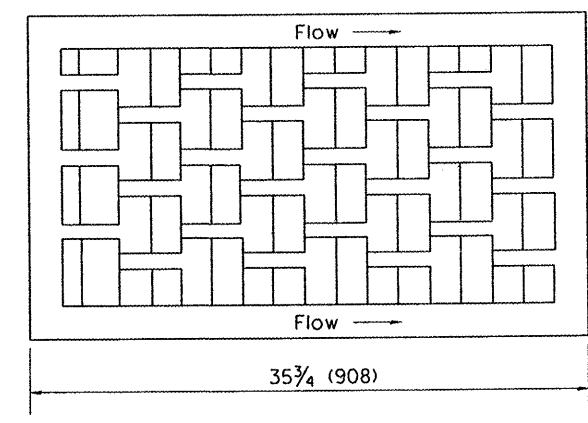
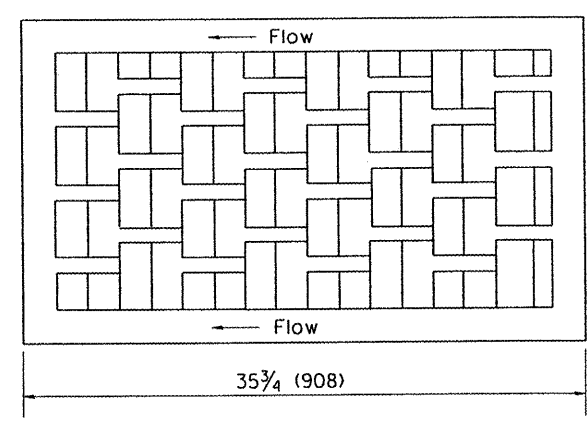
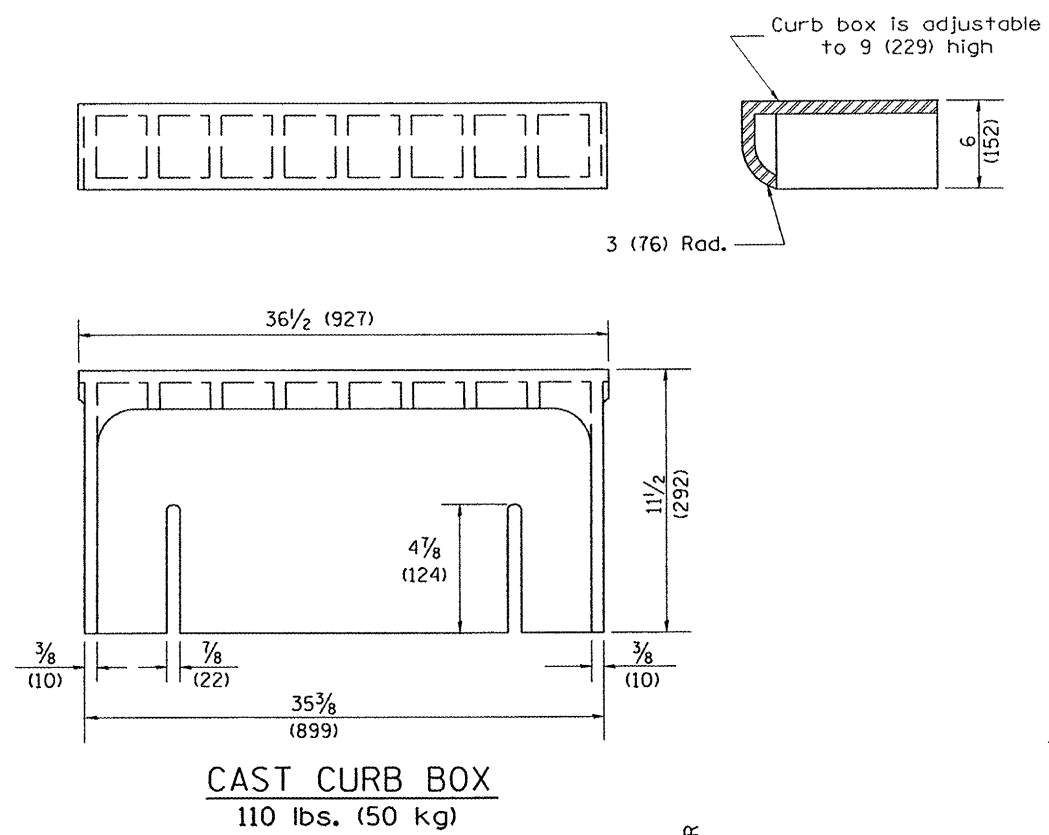


ALTERNATE JOINT CONFIGURATIONS

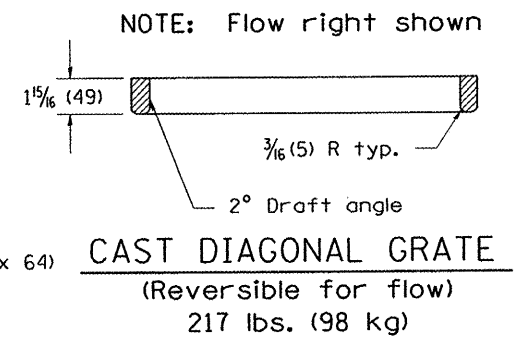
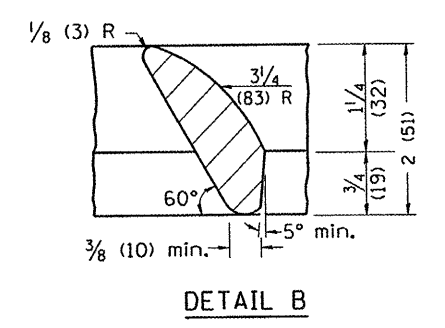
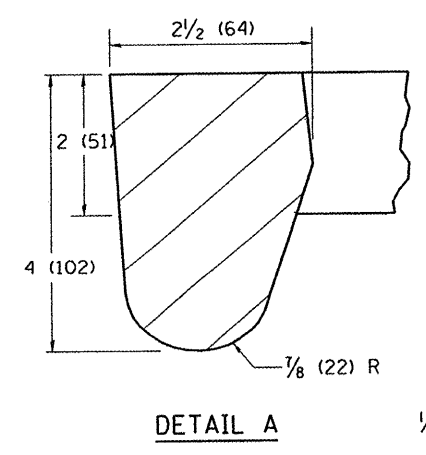
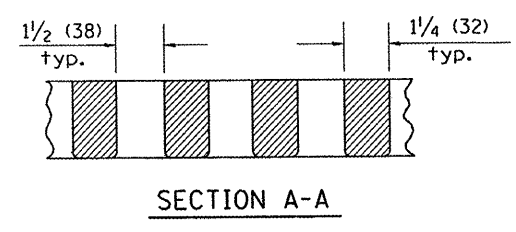
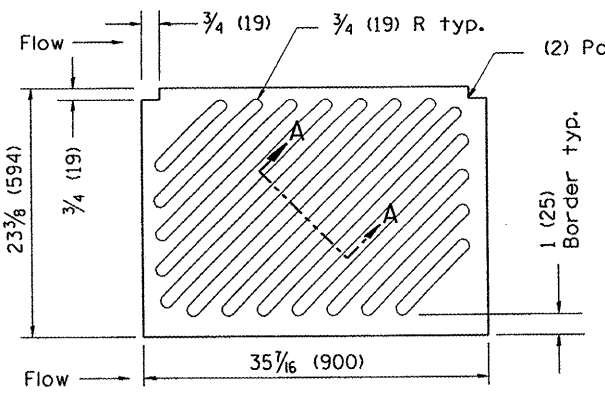
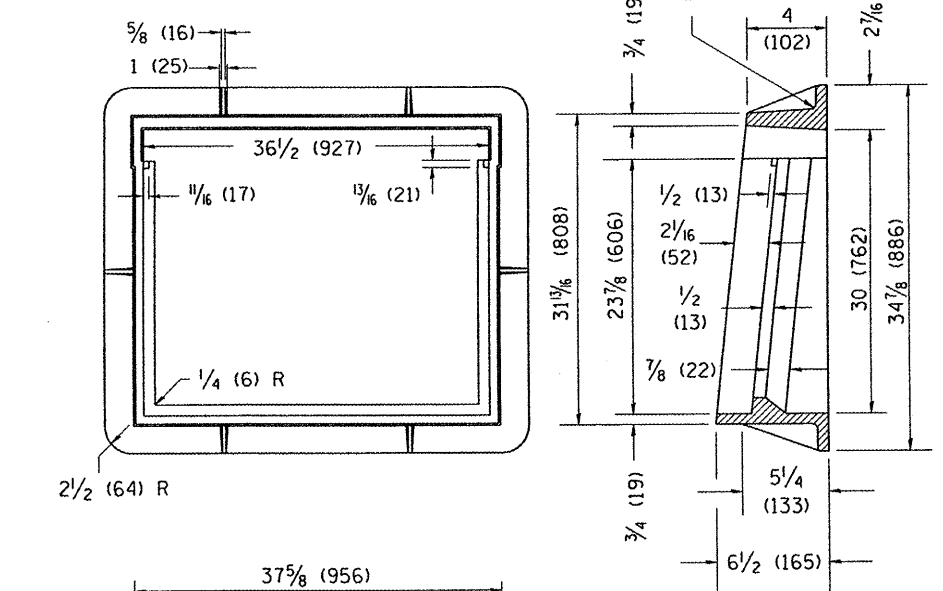
GENERAL NOTES

1. The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
2. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
3. Lifting devices shall be approved by the Engineer.

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



CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 KG)

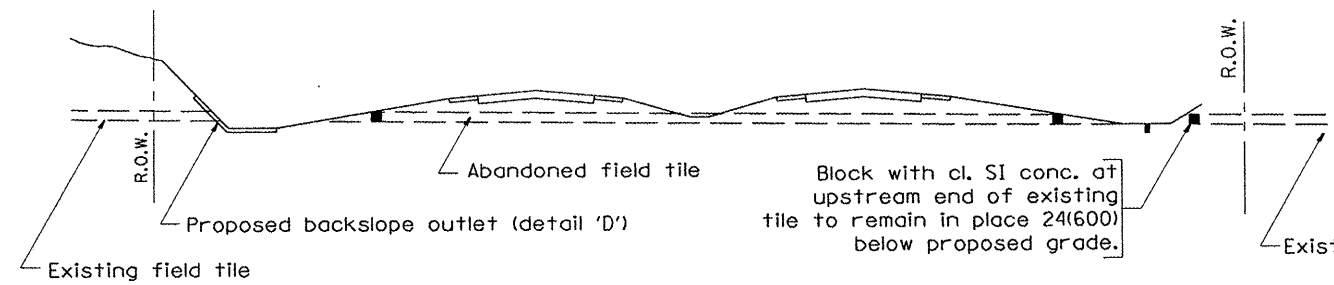


GENERAL NOTES

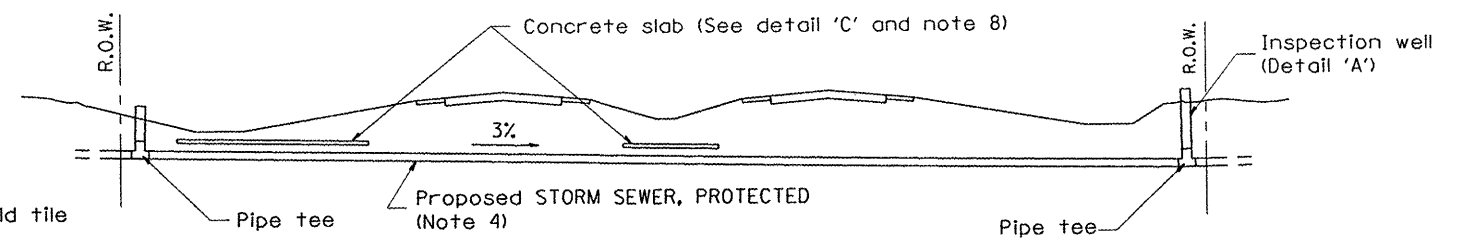
1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

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

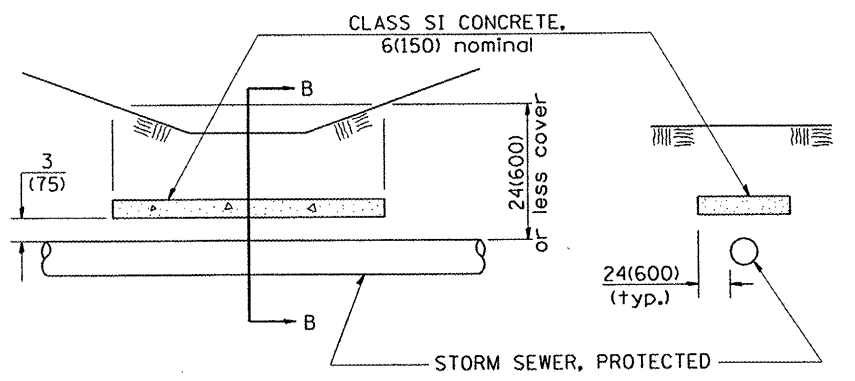
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| FILE NAME | PLOT SCALE = *SCALE* | DESIGNED - RAW | REVISED - | MAURER & STUTZ, INC. ENGINEERS SURVEYORS | SPECIAL DETAILS FRAME & GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - | | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 126 | |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - | | | CONTRACT NO. 89352 | | | | | |
| #FILE# | | DATE | REVISED - | | | NO SCALE | CADD STD 604001-D4 | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | |



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



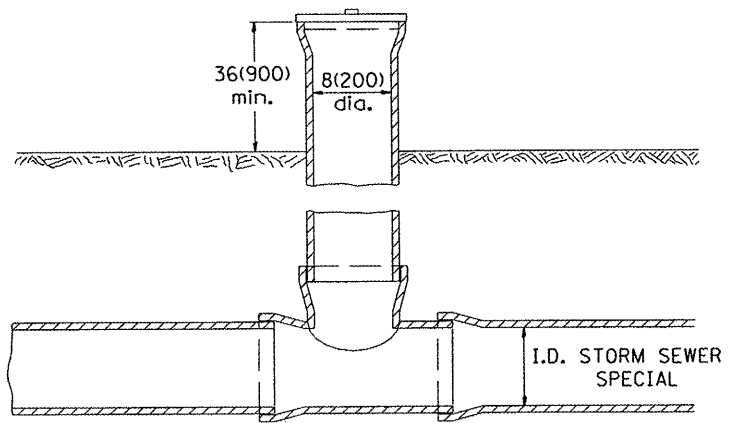
METHOD 'B'
Storm sewers below proposed ditch flowline



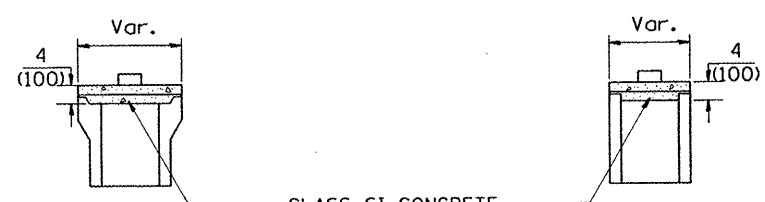
ELEVATION
SECTION B-B
CONCRETE SLAB
Detail "C"

GENERAL NOTES:

1. 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 6(150) above the ditch flowline.
2. Method 'B' shall be used only if ditch elevations cannot be adjusted to accommodate the use of method 'A'.
3. Abandoned field tile shall be plugged, as directed by the engineer, cost incidental.
4. 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.
5. STORM SEWER, PROTECTED 8(200) shall be used for the inspection well and riser regardless of existing tile size. PVC pipe shall not be used for inspection wells.
6. Inspection wells shall be placed approximately 24(600) 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.
7. The inspection well concrete lid shall be constructed of P.C. concrete CLASS SI CONCRETE and provide with a handle shaped from a #4 (#15) reinforcing bar.
8. The 6(150) concrete slab shall be poured the full length of the trench at the ditch flowline locations within the right of way with less than 24(600) of earth cover. P.C. CONCRETE CLASS SI shall be used.
9. The existing field tile shall be connected to STORM SEWER, PROTECTED by a P.C. CONCRETE CLASS SI COLLAR as directed by the engineer.
10. Applicable portion of the Special Provision for STORM SEWER, PROTECTED apply.



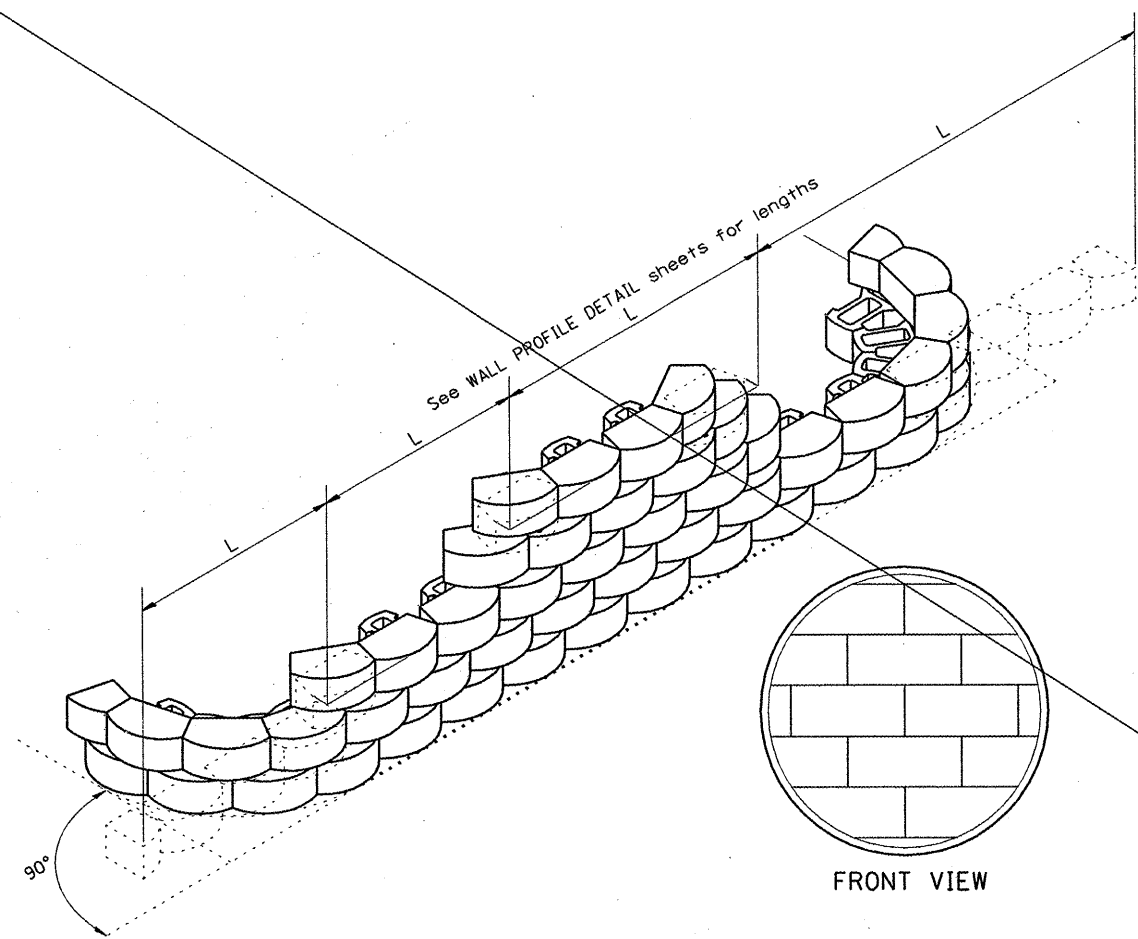
INSPECTION WELL
Detail "A"



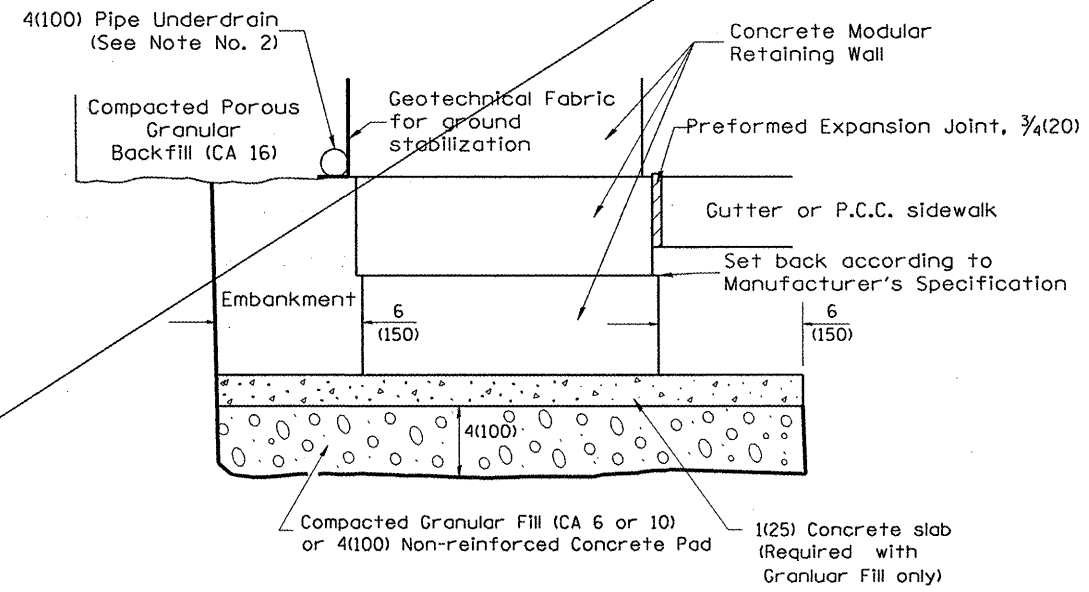
ALT. A
ALT. B
INSPECTION WELL CONCRETE LID
Detail "B"

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

| | | | | | | | | | | | | |
|-------------|----------------------|----------------|-----------|--|--|--------------------|--------------------|-------------|---|----------|--------------|-----------|
| FILE NAME * | PLOT SCALE = *SCALE* | DESIGNED - RAW | REVISED - | MAURER & STUTZ, INC. ENGINEERS SURVEYORS | SPECIAL DETAILS STORM SEWER PROTECTED | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - | | | | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 127 |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - | | NO SCALE | CADD STD 611001-D4 | CONTRACT NO. 89352 | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | |
| | DATE - | REVISED - | | | | | | | | | | |



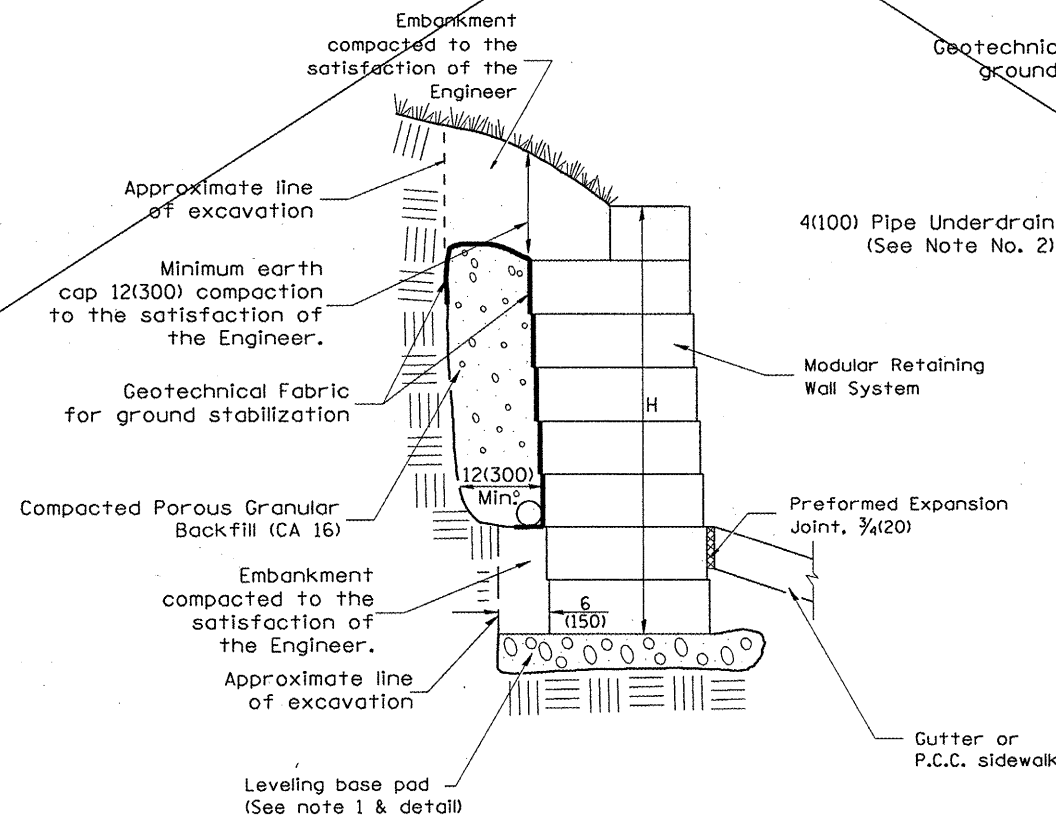
INSTALLATION OF COURSES IN RUNNING BOND



LEVELING BASE PAD DETAIL

NOTES:

1. At the Contractor's option the portion of the stone wall below top of sidewalk elevation may be constructed with class SI concrete. The width shall match the width of the modular block plus the 12(300) maximum trench.
2. 4(100) Pipe Underdrains shall outlet into inlets or storm sewer.
3. Pipe drains and pipe underdrains shall meet the requirements of the applicable portions of section 601 of the Standard Specifications.
4. Preformed expansion joint filler shall be placed between the gutter or sidewalk and the wall.
5. The geotechnical fabric shall meet the requirements of the applicable portions of Sections 210 and 1080 of the Standard Specifications.



LEVELING BASE PAD CONCRETE ALTERNATE (See Note 1)

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

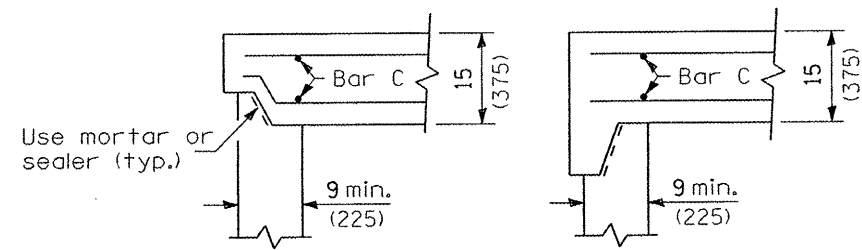
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| | | DATE - | REVISED - |



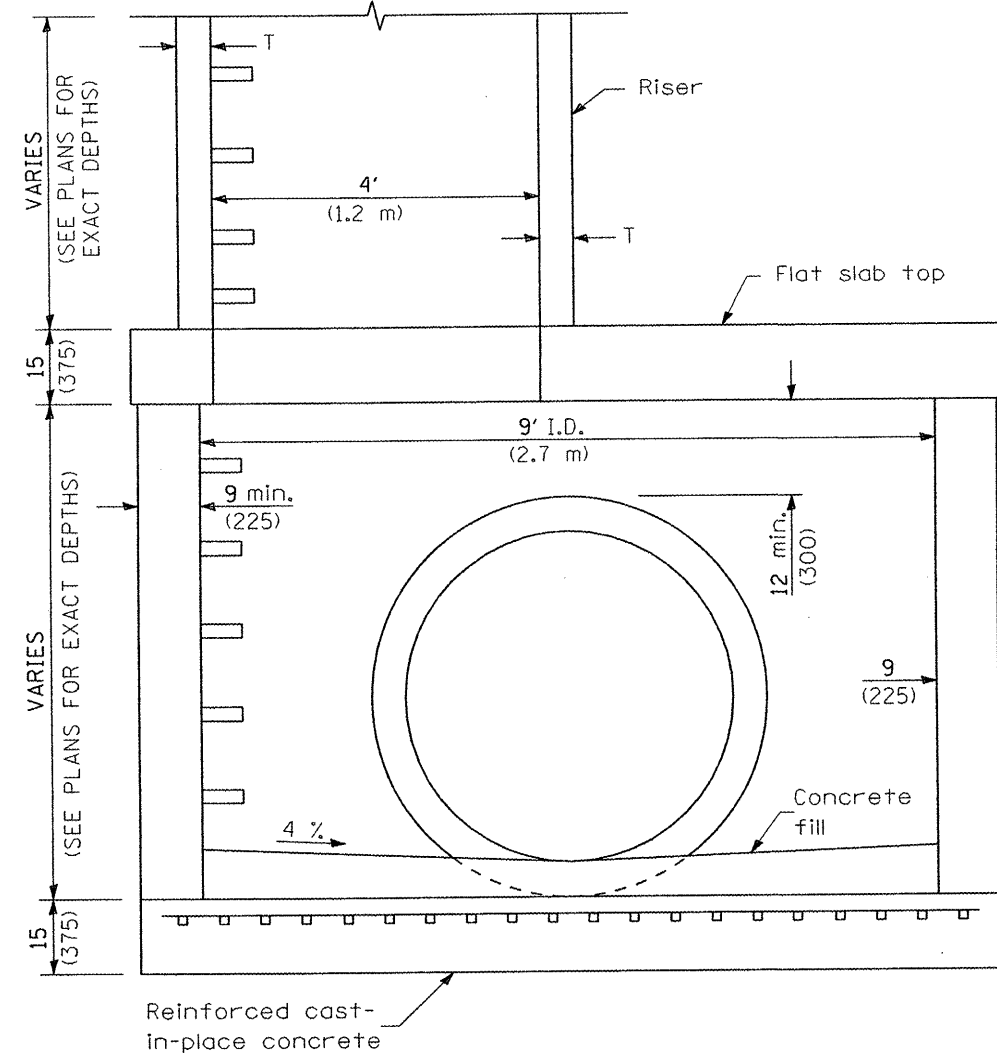
| | |
|--------------------------------------|--------------------|
| SPECIAL DETAILS | |
| MODULAR RETAINING WALL SYSTEM DETAIL | |
| NO SCALE | CADD STD 660101-D4 |

| | | | | |
|---|----------------|----------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 128 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |

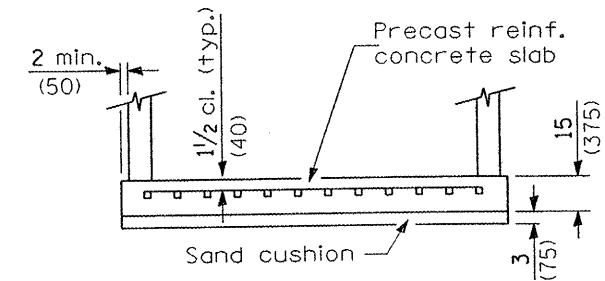
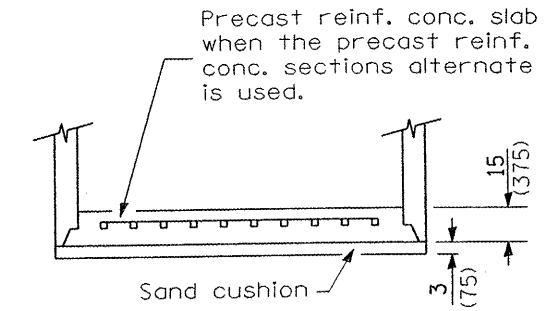
See Special Details for Inlet-Manholes, Type G-1; Inlet-Manholes, Type G-1, Special; and Inlet-Manholes, Type G-1, Double for continuation.



ALTERNATE JOINT CONFIGURATIONS



ELEVATION
(With Flat Slab Top and Riser)



ALTERNATE BOTTOM SLABS

GENERAL NOTES

Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.

Lifting devices shall be approved by the Engineer.

Bottom slabs shall be reinforced with a minimum of 0.67 sq. in./ft. (1420 sq. mm/m) in both directions.

See Standard 602701 for details of manhole steps.

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

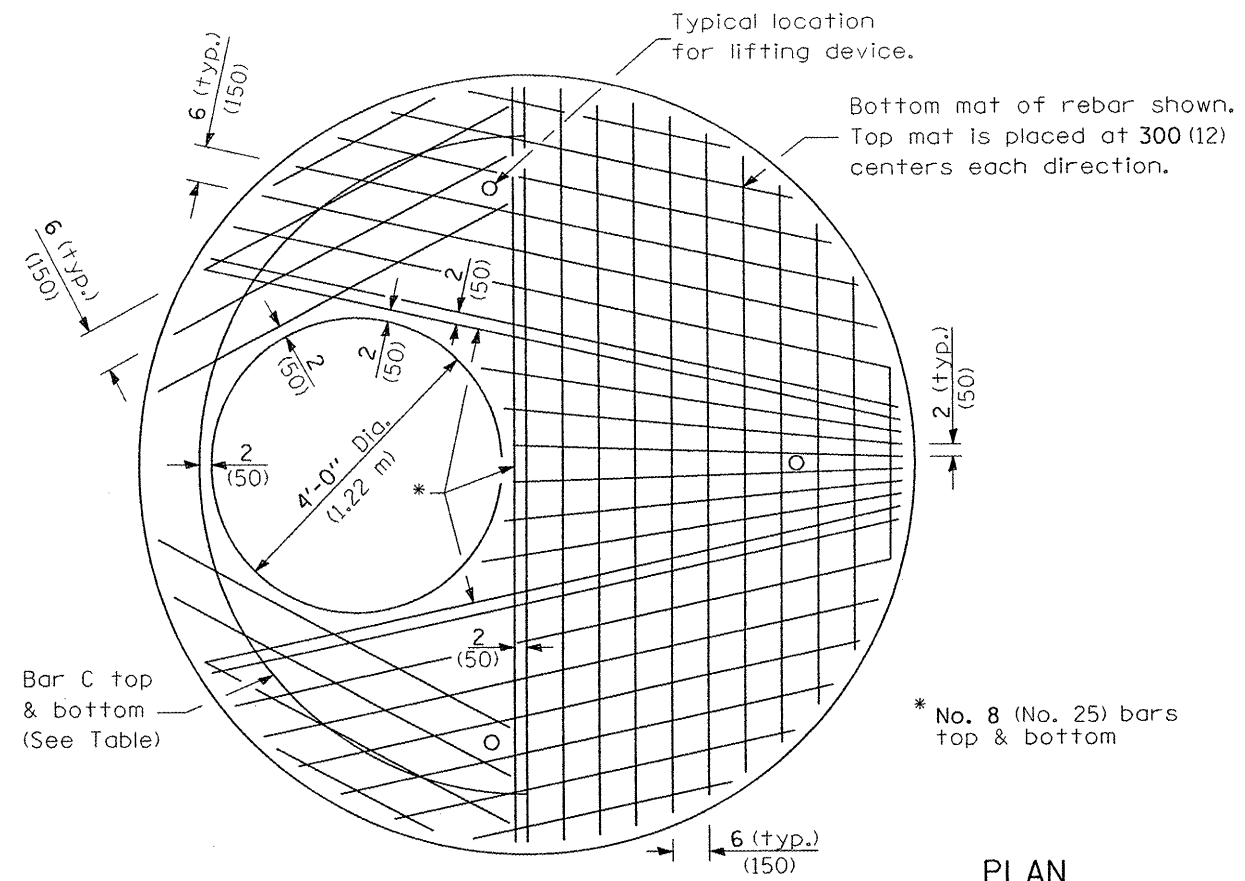
| ALTERNATE MATERIALS FOR RISER WALLS | T (min) |
|--------------------------------------|---------|
| Concrete Masonry Units | 5 (125) |
| Precast Reinforced Concrete Sections | 4 (100) |
| Cast-in-Place Concrete | 6 (150) |

| | | | |
|-------------|----------------------|----------------|-----------|
| FILE NAME * | PLOT SCALE = #SCALE# | DESIGNED - RAW | REVISED - |
| | PLOT DATE = #DATE# | DRAWN - RAW | REVISED - |
| | PLOT TIME = #TIME# | CHECKED - RJA | REVISED - |
| | | DATE - | REVISED - |



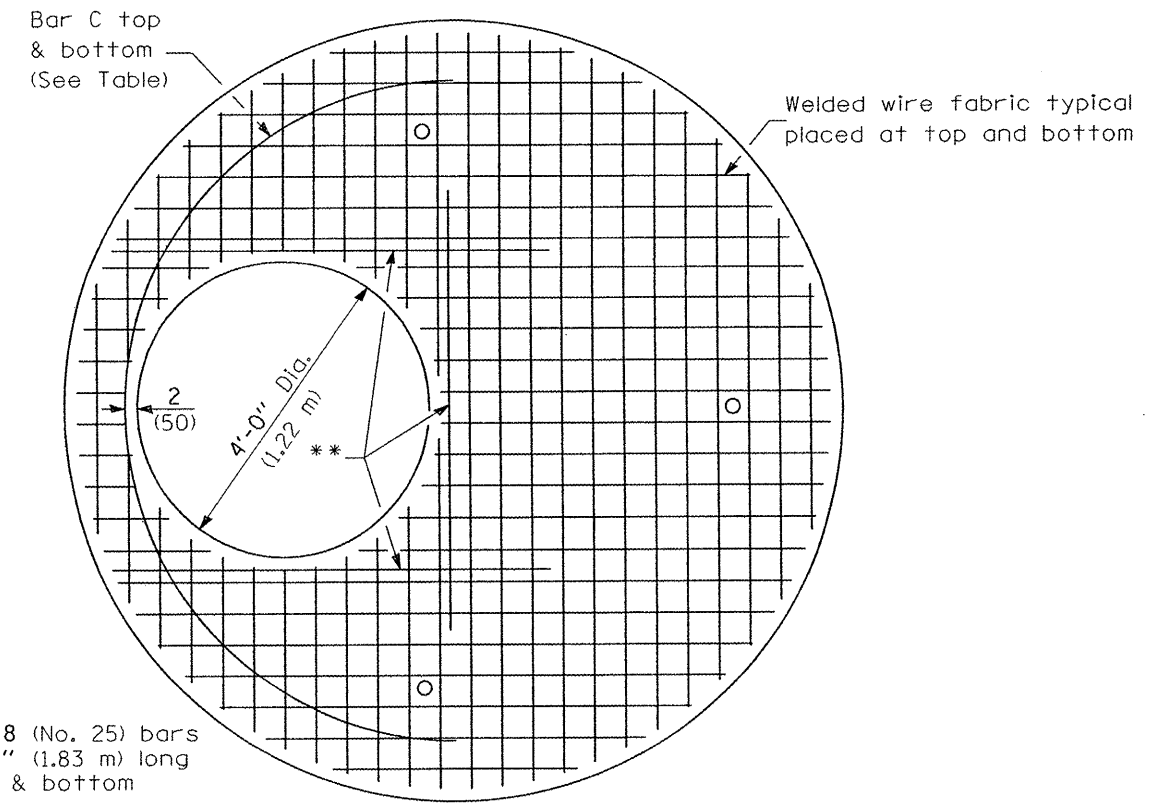
SPECIAL DETAILS
INLET-MANHOLE, TYPE G-1, 9' DIAMETER (VARIOUS TYPES) (1 OF 2)
NO SCALE

| | | | | |
|---|----------------|----------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 129 |
| FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | CONTRACT NO. 89352 | |



PLAN

Showing Rebar Reinforcement

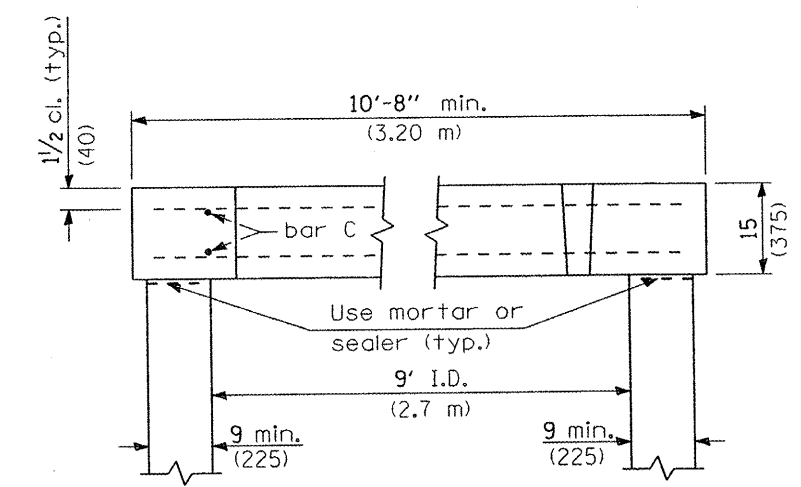


PLAN

Showing Welded Wire Fabric Reinforcement

| Diameter of opening | Reinforcement Bar Size | Reinforcement "As" WWF each direction | No. 4 (No. 13) Bar C | |
|---------------------|---------------------------------|---|----------------------|--------------------|
| | | | Length | Radius |
| 4'-0" (1.2 m) | Bottom mat No. 8 (No. 25) | Bottom mat *** 1.57 sq. in./ft. (3325 sq. m/mm) | 14'-2" (4.30 m) | 4'-6" (1.372 m) |
| | Top mat No. 5 (No. 13) | Top mat *** 0.30 sq. in./ft. (510 sq. m/mm) | | |

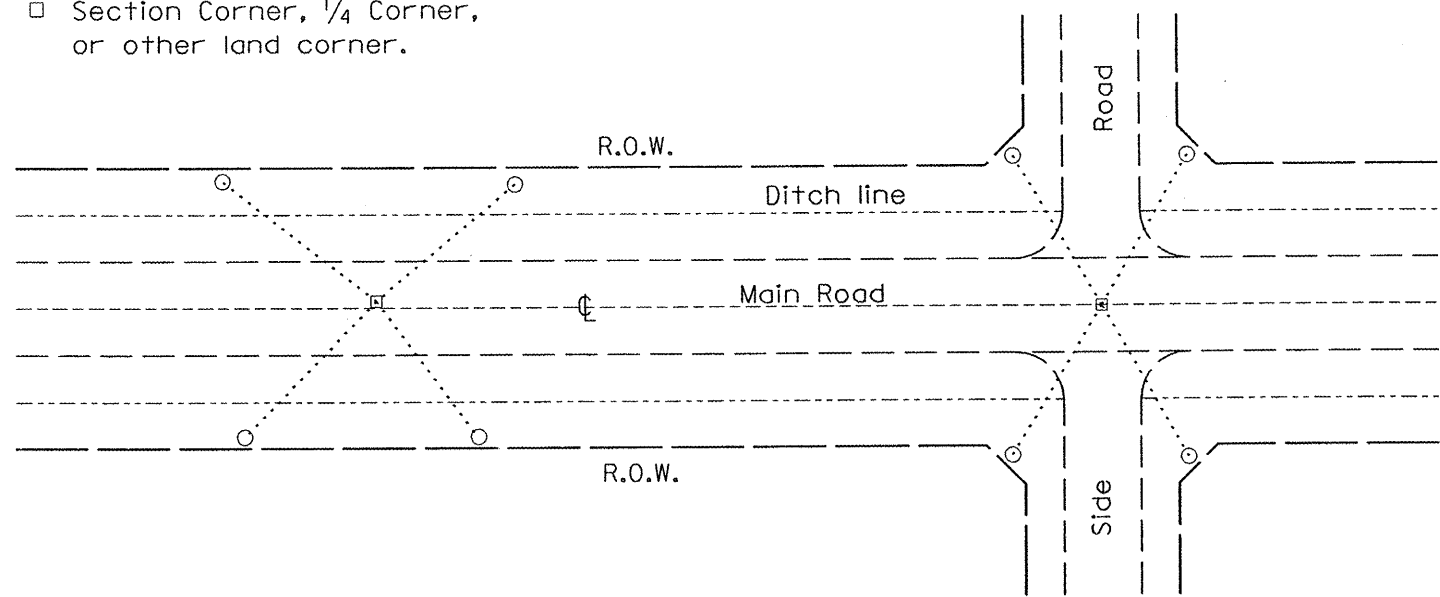
*** A maximum of two layers of welded wire fabric may be used to satisfy the required "As" for each mat.



SECTION B-B

PERMANENT SURVEY TIES

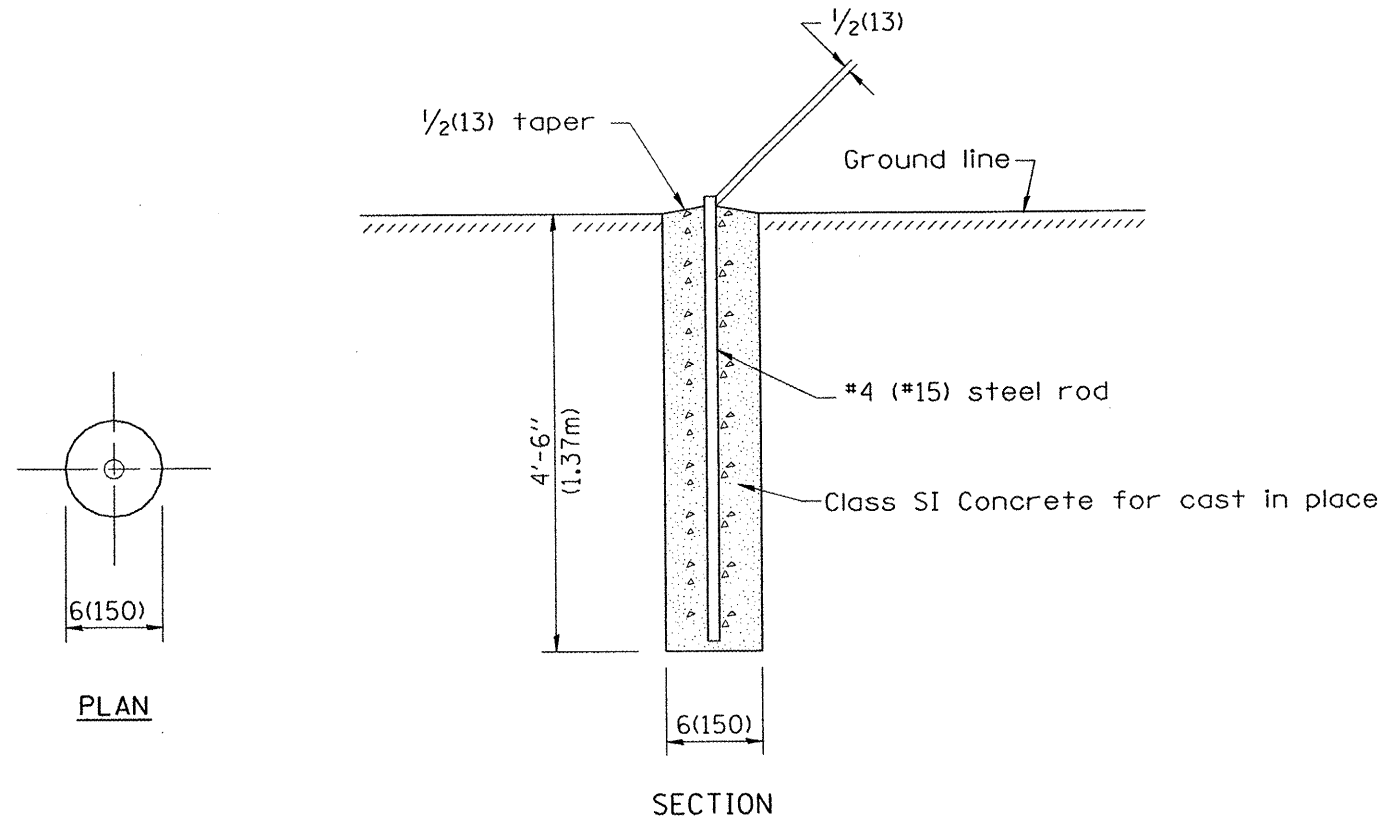
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



TYPICAL APPLICATION

GENERAL NOTES

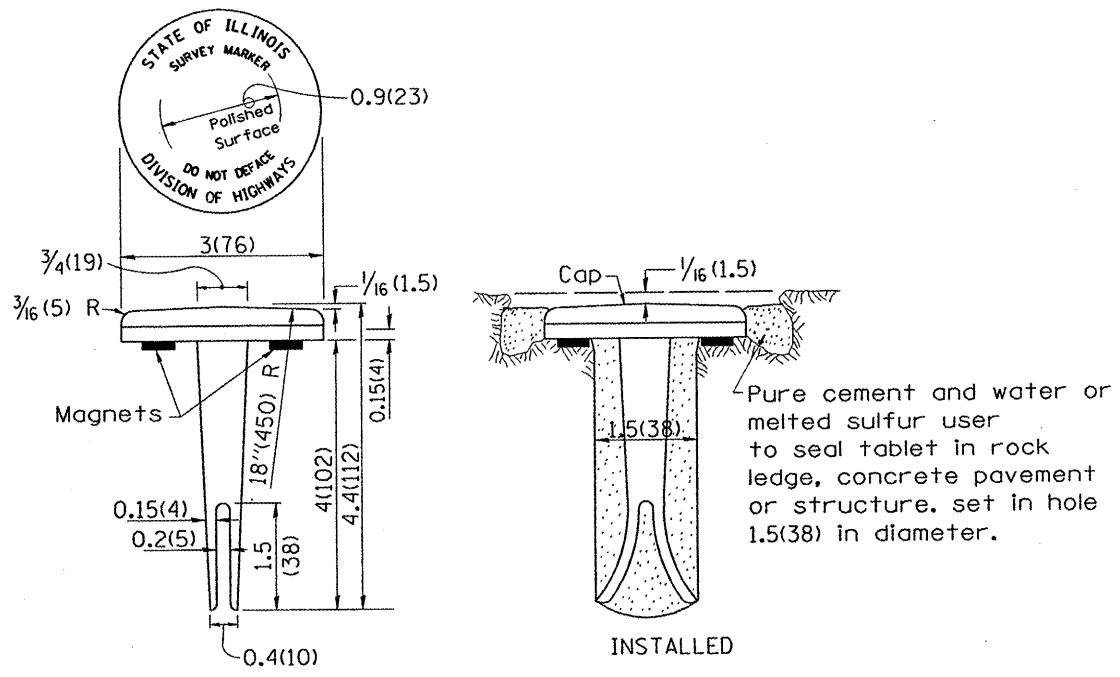
1. The marker shall be cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured and recorded by the IDOT Chief of Surveys.



SECTION

PLAN

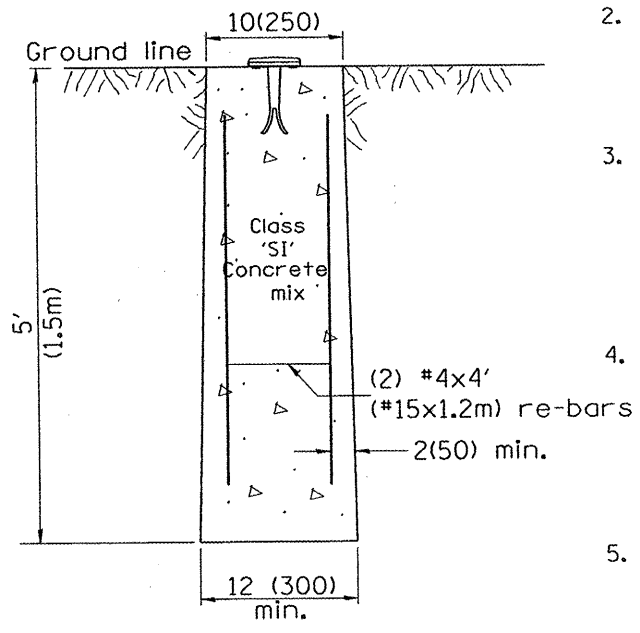
PERMANENT SURVEY MARKERS



BRONZE TABLET - No Scale TYPE I

GENERAL NOTES

1. All type II markers shall be cast in place, and precast markers will not be allowed.
2. Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
3. 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 1000' (300m).
4. 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.
5. 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.



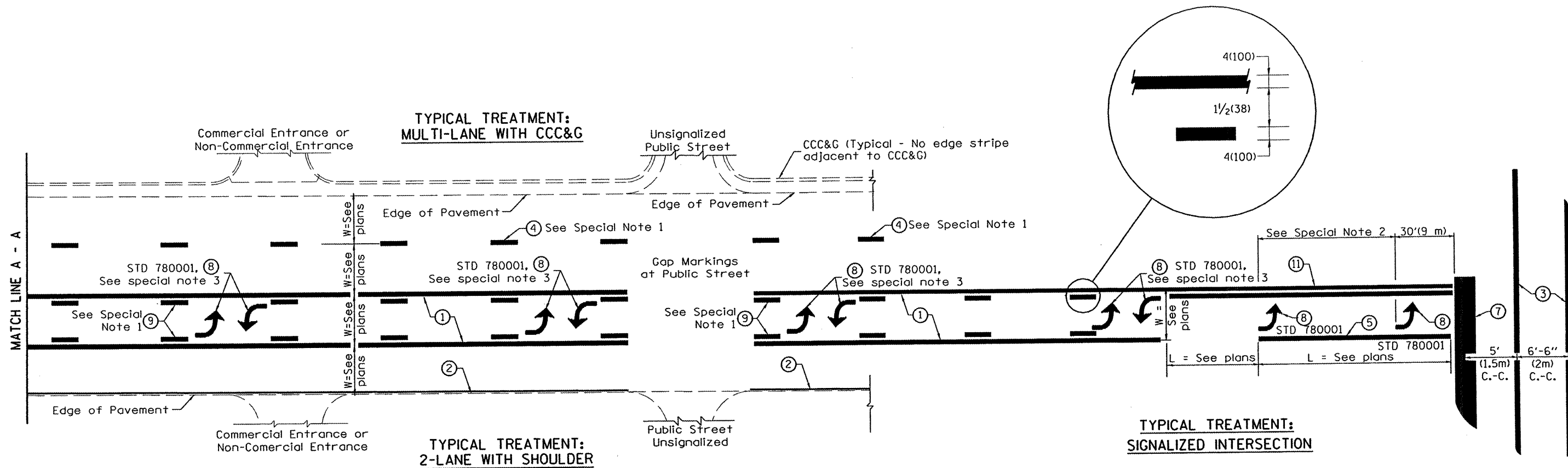
MARKER CAST IN PLACE TYPE II

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

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

| | | | | | | | | | | | |
|-------------|----------------------|----------------|-----------|--|---|--------------------|--------------------|----------------|----------|--------------|-----------|
| FILE NAME * | PLOT SCALE = *SCALE* | DESIGNED - RAW | REVISED - | MAURER & STUTZ, INC. ENGINEERS SURVEYORS | SPECIAL DETAILS PERMANENT SURVEY TIE & PERMANENT SURVEY MARKERS TY.I - TY.II | | F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - | | NO SCALE | CADD STD 667101-04 | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 131 |
| | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - | | | | CONTRACT NO. 89352 | | | | |
| #FILE# | DATE | REVISED - | REVISED - | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | |

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A

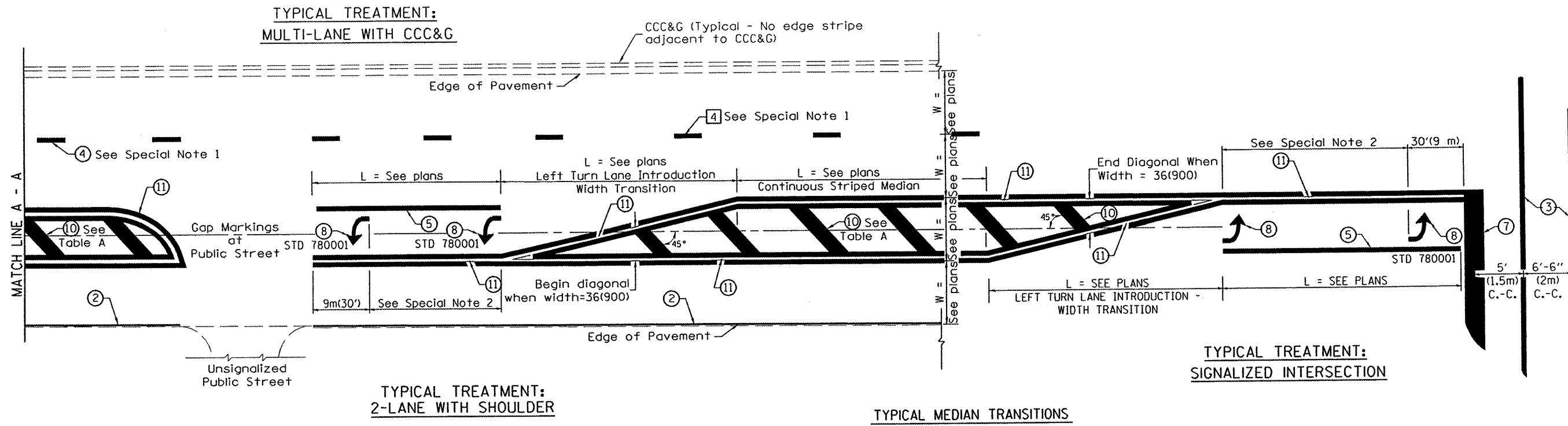
SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

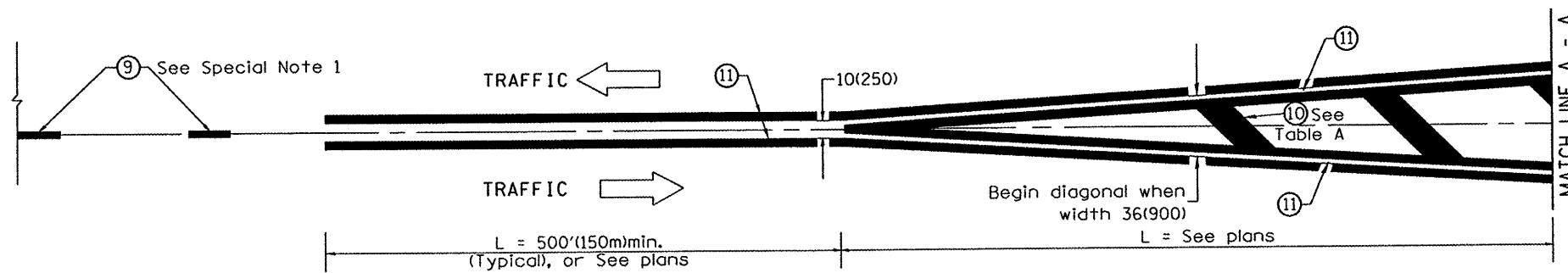
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| | PLOT DATE = *DATE* | DRAWN - RAW | REVISED - | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 132 | CONTRACT NO. 89352 | |
| #FILE# | PLOT TIME = *TIME* | CHECKED - RJA | REVISED - | | NO SCALE | CADD STD 780001-D4 | SHEET 1 OF 2 | | FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | |
| | DATE | | REVISED - | | | | | | | | |



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

| SPEED LIMIT RANGE | INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions) | |
|----------------------------|---|----------|
| | CONTINUOUS | |
| Less Than 30 mph (50 km/h) | 50' (15m) | 15' (5m) |
| 30 - 45 mph (50 - 70 km/h) | 75' (23m) | 20' (6m) |
| Over 45 mph (70 km/h) | 150' (46m) | 30' (9m) |



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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

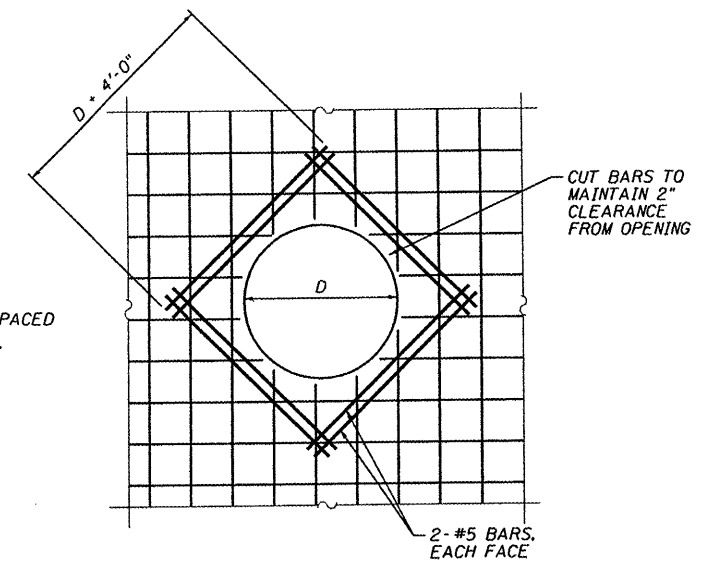
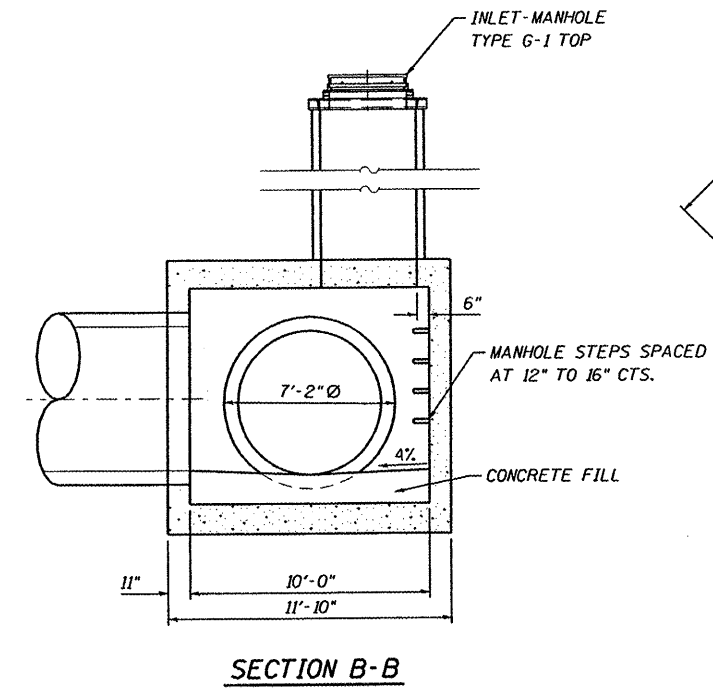
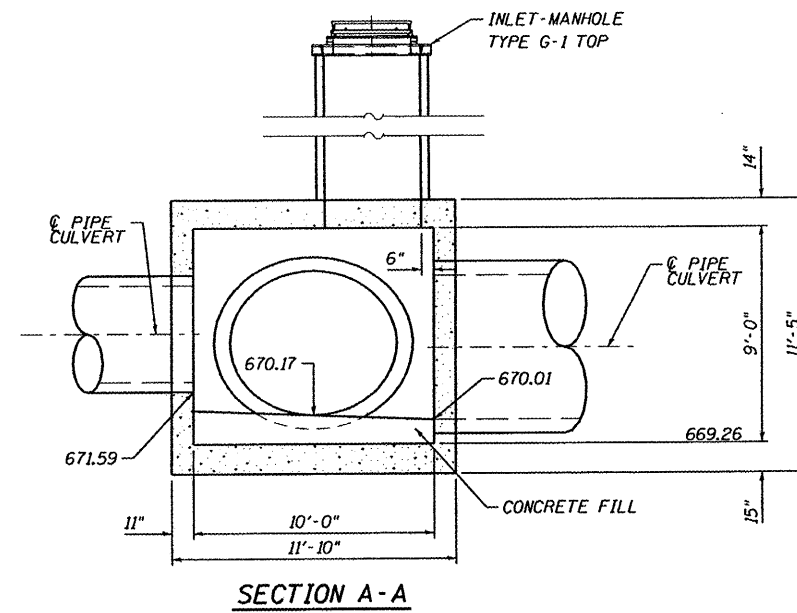
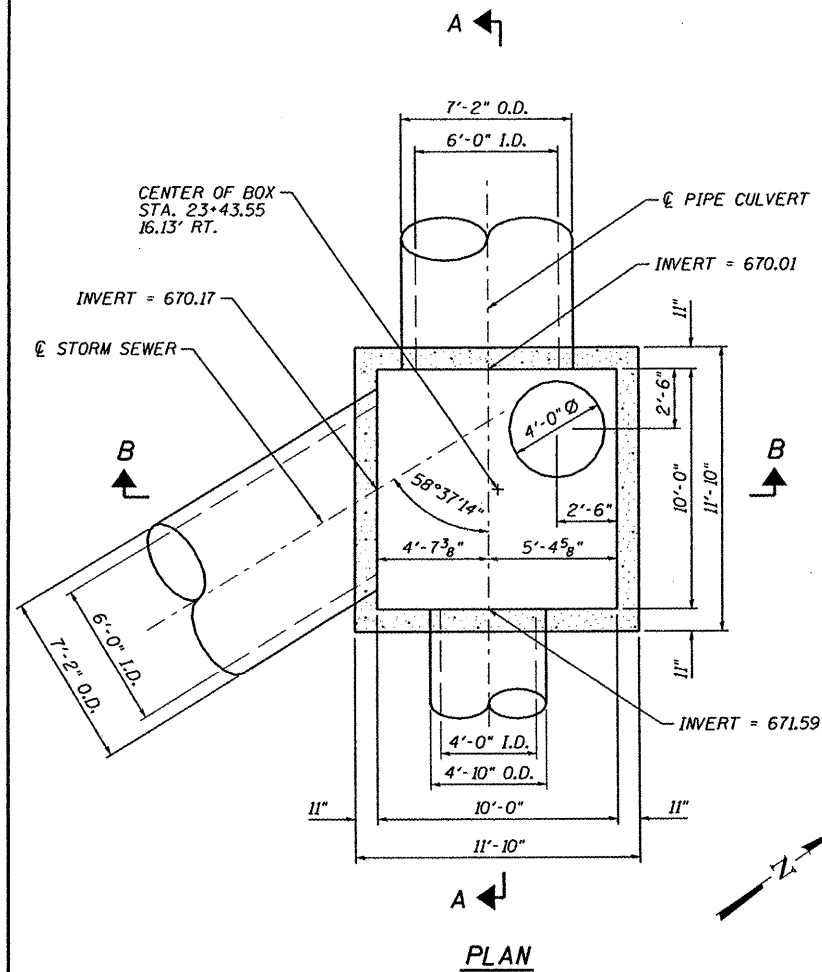
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| DESIGNED - RAW | REVISED - |
| DRAWN - RAW | REVISED - |
| CHECKED - RJA | REVISED - |
| DATE - | REVISED - |

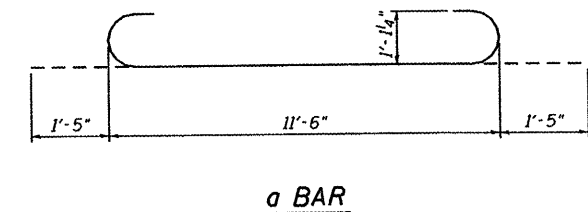
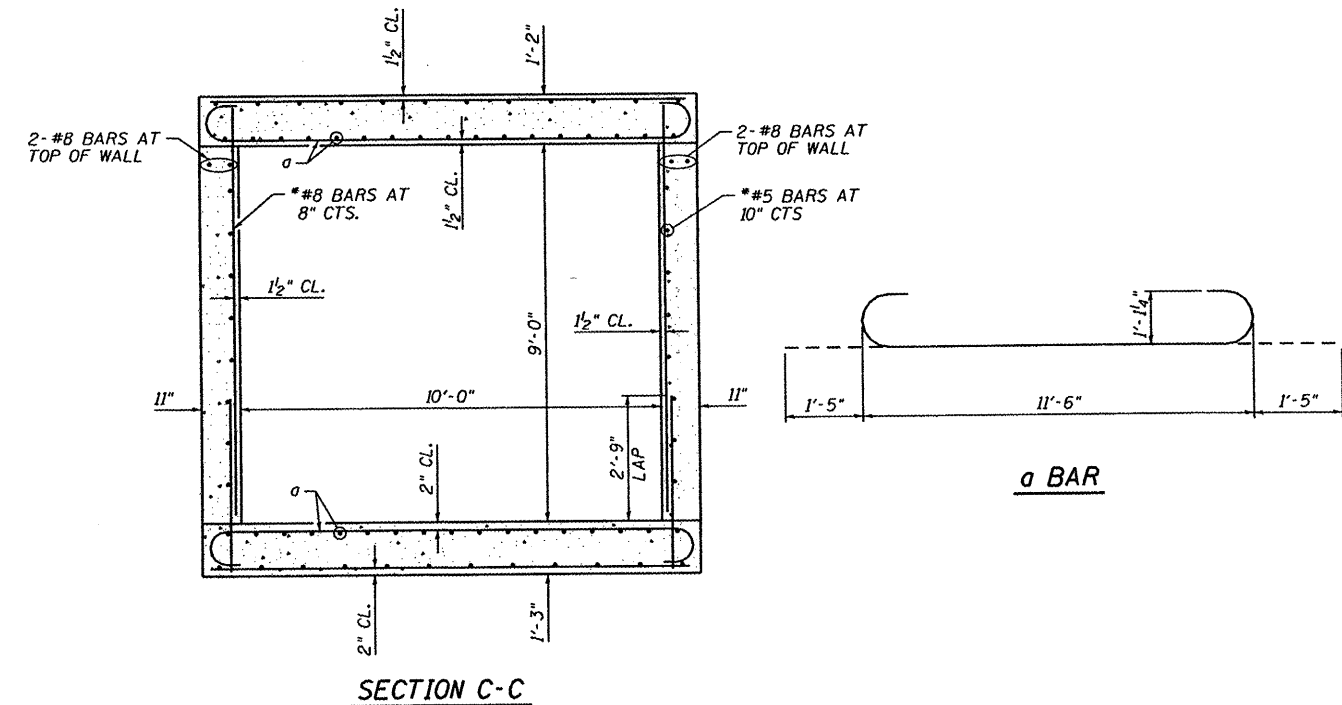
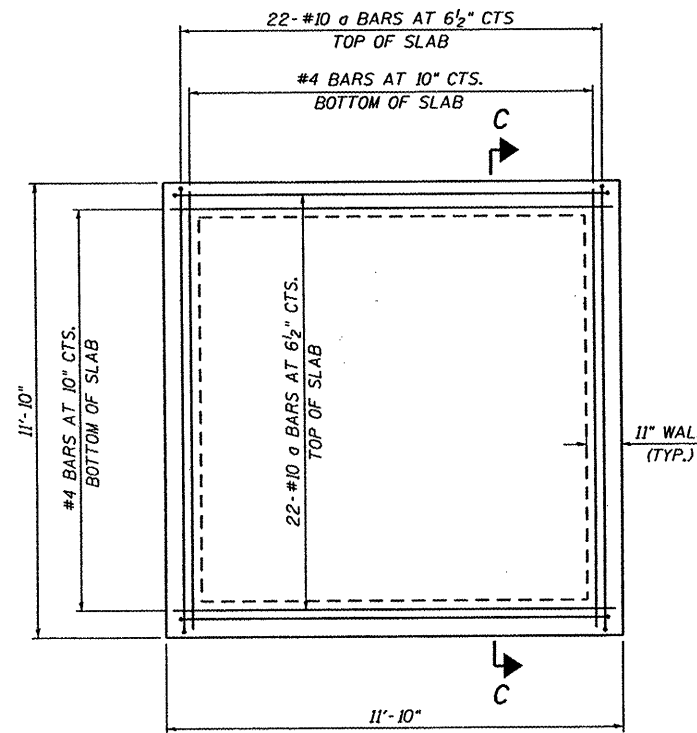
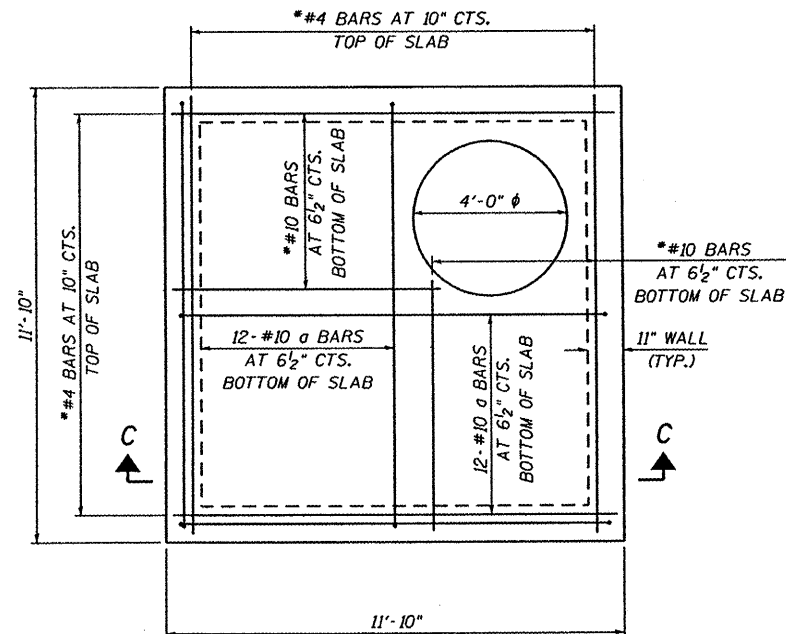


SPECIAL DETAILS
TYPICAL PAVEMENT MARKINGS
NO SCALE CADD STD 780001-D4 SHEET 2 OF 2

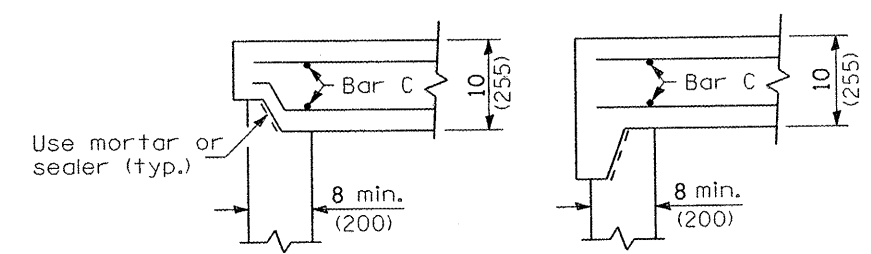
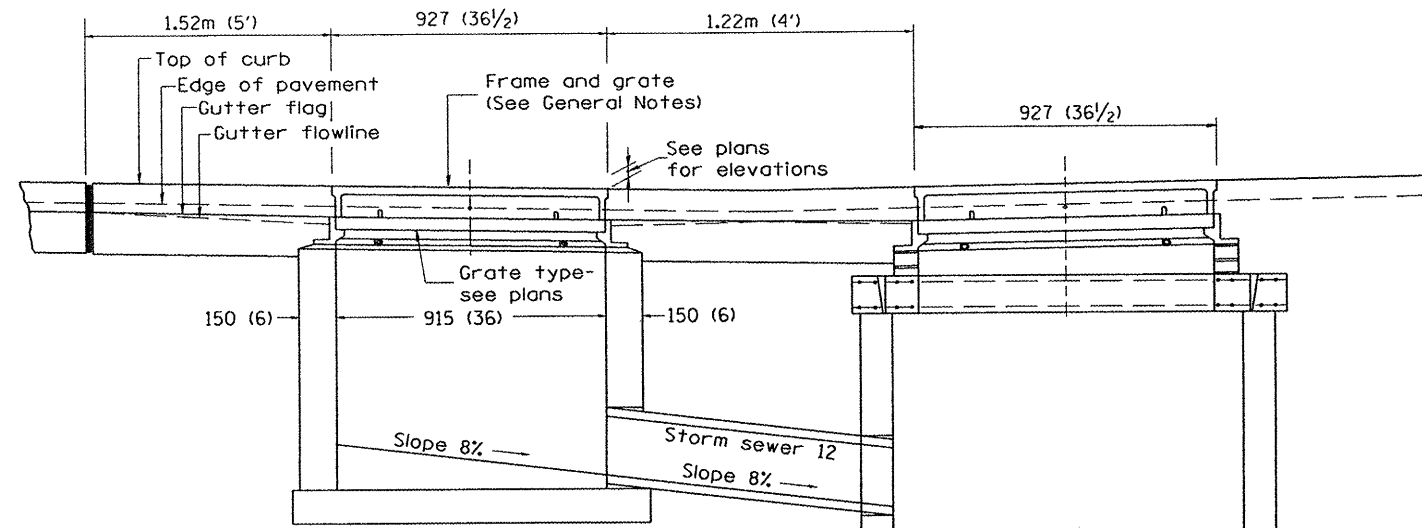
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 133 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |



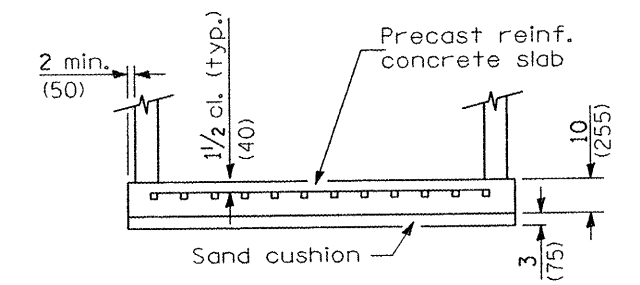
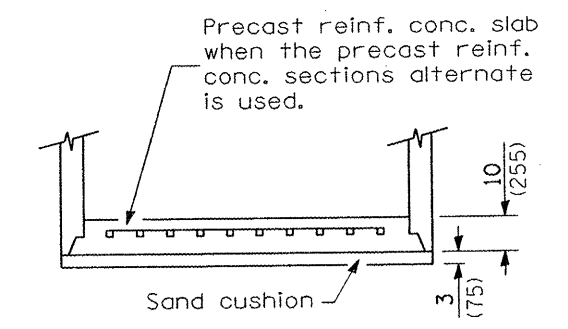
- NOTES:
- ESTIMATED CONCRETE QUANTITY FOR JUNCTION BOX SPECIAL = 25.4 CU. YD.
 - ESTIMATED REBAR QUANTITY = 8970 LBS.



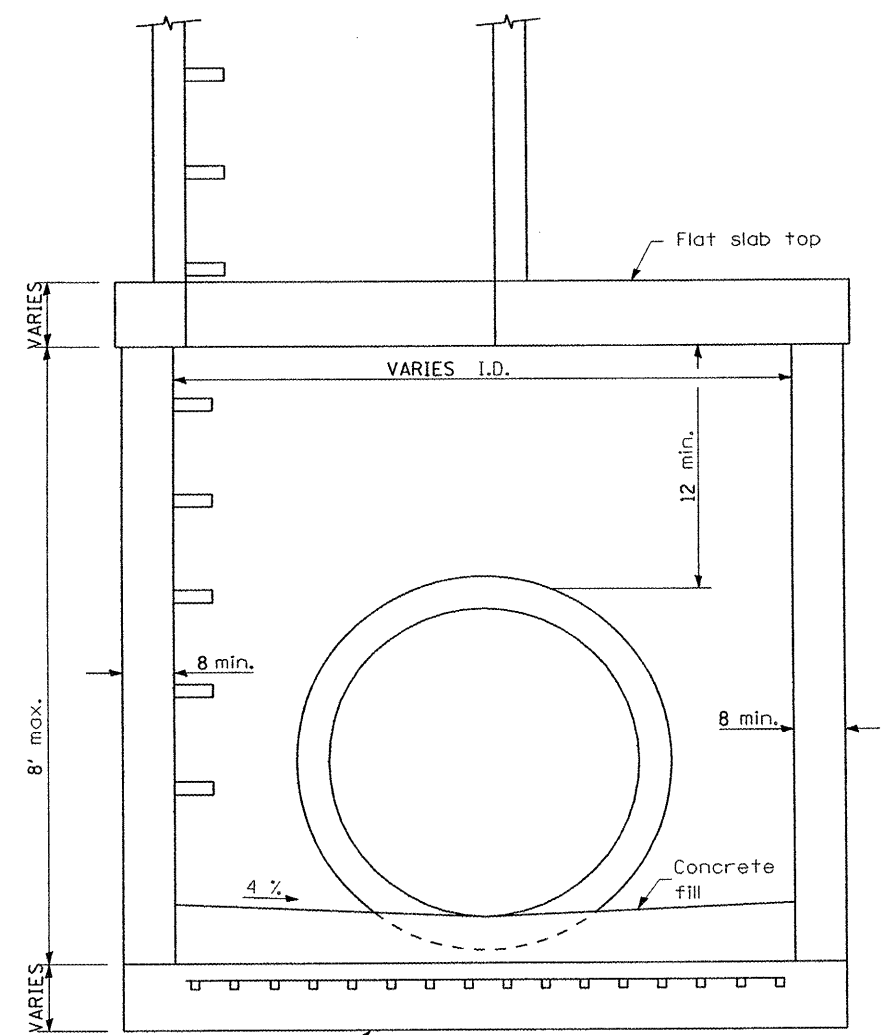
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| *PFILEL* | PLOT DATE = *DATE* | DRAWN - JEA | REVISED - | | | NO SCALE | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. 89352 | |
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| | | DATE - | REVISED - | | | | | | | |



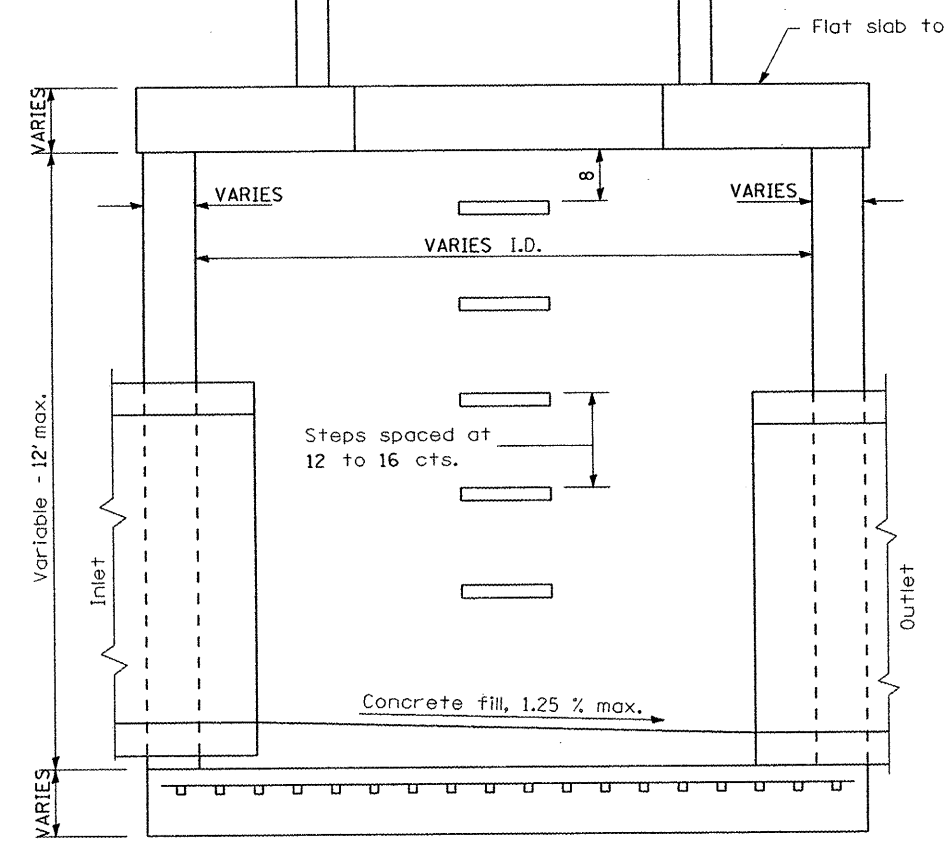
ALTERNATE JOINT CONFIGURATIONS



ALTERNATE BOTTOM SLABS



ELEVATION

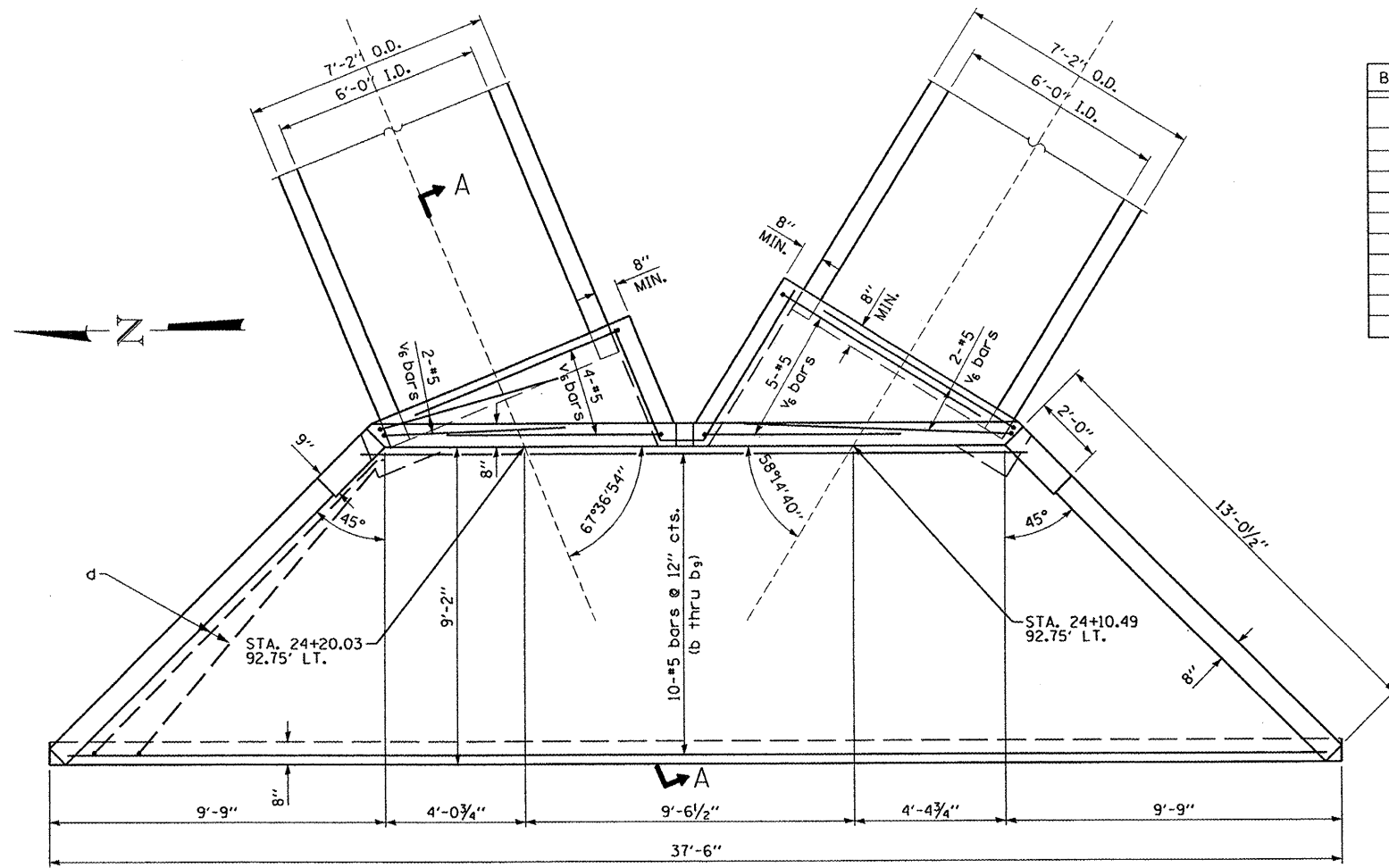


ELEVATION

GENERAL NOTES

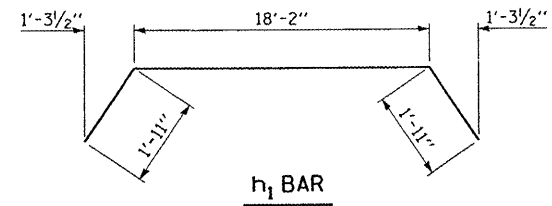
1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.
4. See District CADD Standard for precast reinforced concrete flat slab top.
5. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
6. Lifting devices shall be approved by the Engineer.
7. Bottom slabs shall be reinforced with a minimum of 0.655 sq. in./ft. in both directions.
8. See Standard 602701 for details of manhole steps.
9. See Precast Reinforced Concrete Flat Slab Top for Inlet-Manhole, Type G-1 and Type G-1, Special, CADD Std 602101-D4 for Flat Slab top.
10. See Manhole details and standards for dimensions marked "varies".

| | | | | | | | | | | |
|-------------|----------------|-----------|--|---|--|------------------|------------------------|---------------------|---------------------------|--------------------|
| FILE NAME * | DESIGNED - RAW | REVISIONS | | SPECIAL DETAILS | | F.A.U. RTE. 6775 | SECTION 04-00141-00-FP | COUNTY TAZEWELL | TOTAL SHEETS 187 | SHEET NO. 135 |
| | DRAWN - RAW | REVISIONS | | INLET-MANHOLE, TYPE G-1, SPECIAL, DOUBLE | | | | | | |
| | CHECKED - RJA | REVISIONS | | | | | | | | |
| | DATE | REVISIONS | | | | NO SCALE | SHEET 1 OF 2 | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. 89352 |



PLAN

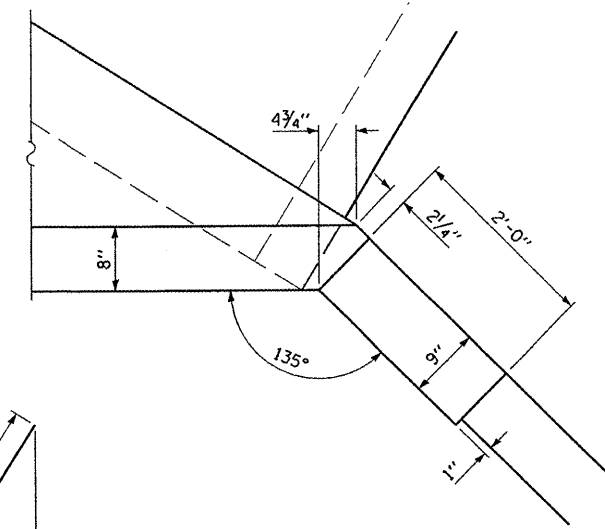
| BAR | LENGTH |
|----------------|--------|
| b | 37'-1" |
| b ₁ | 35'-1" |
| b ₂ | 33'-1" |
| b ₃ | 31'-1" |
| b ₄ | 29'-1" |
| b ₅ | 27'-1" |
| b ₆ | 25'-1" |
| b ₇ | 23'-1" |
| b ₈ | 21'-1" |
| b ₉ | 19'-1" |
| h | 10'-9" |



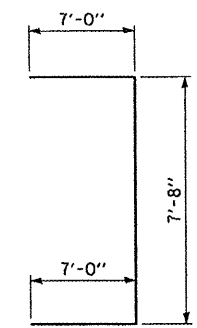
h₁ BAR

| BAR | "A" |
|----------------|--------|
| v | 7'-3" |
| v ₁ | 6'-2" |
| v ₂ | 5'-6" |
| v ₃ | 4'-10" |
| v ₄ | 4'-1" |
| v ₅ | 3'-5" |

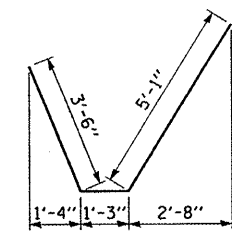
BARS v THRU v₅



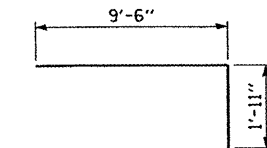
CORNER DETAIL



BAR v₆



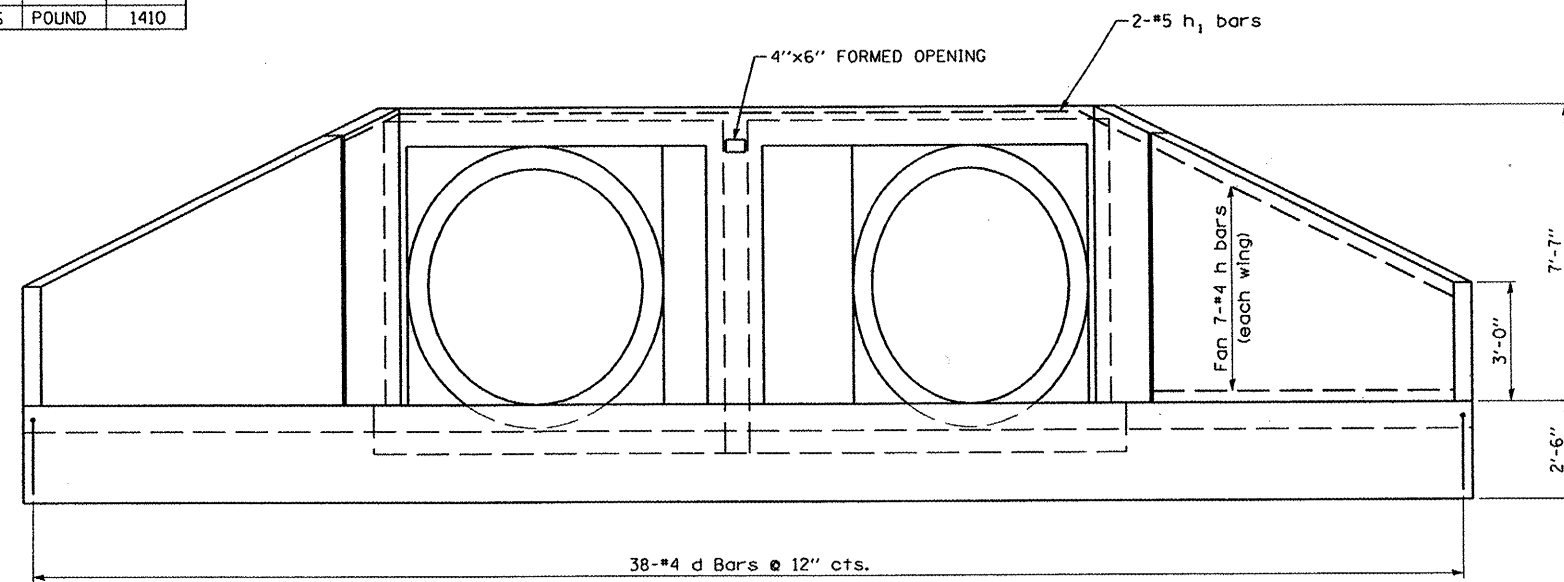
h₂ BAR



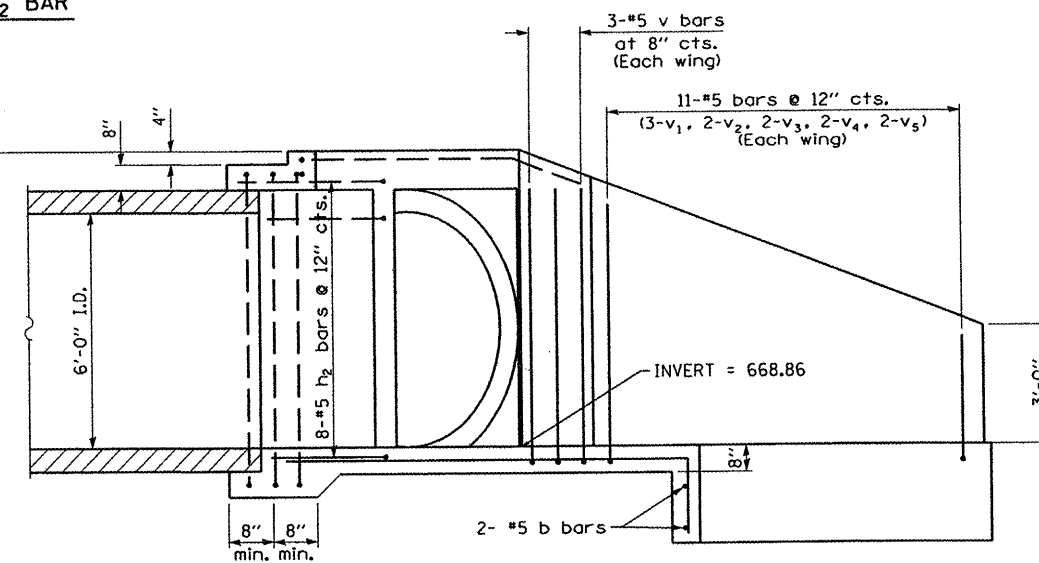
d BAR

BILL OF MATERIALS

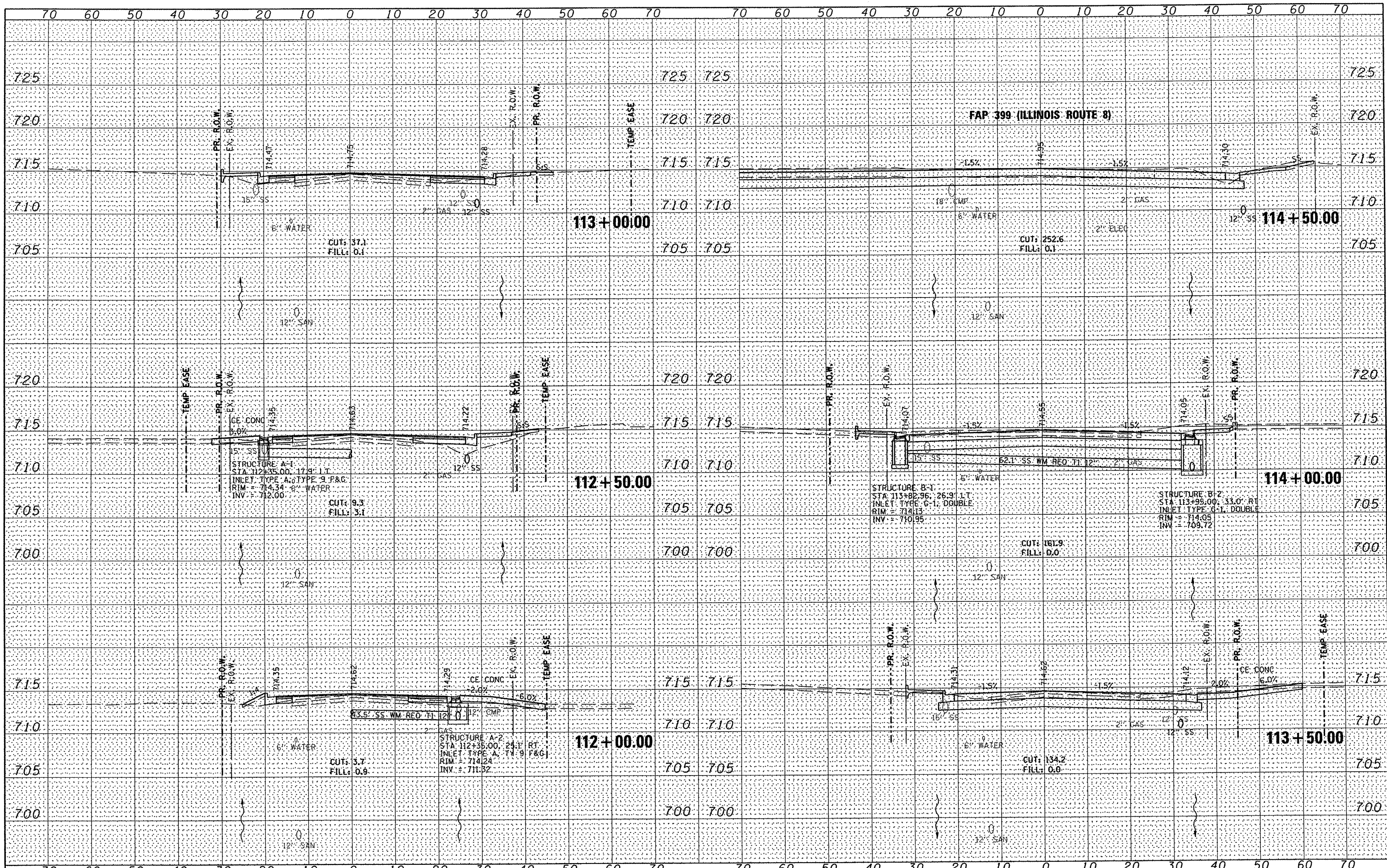
| ITEM | UNIT | QUANTITY |
|--------------------|---------|----------|
| CONCRETE HEADWALLS | CU. YD. | 16.9 |
| REINFORCEMENT BARS | POUND | 1410 |

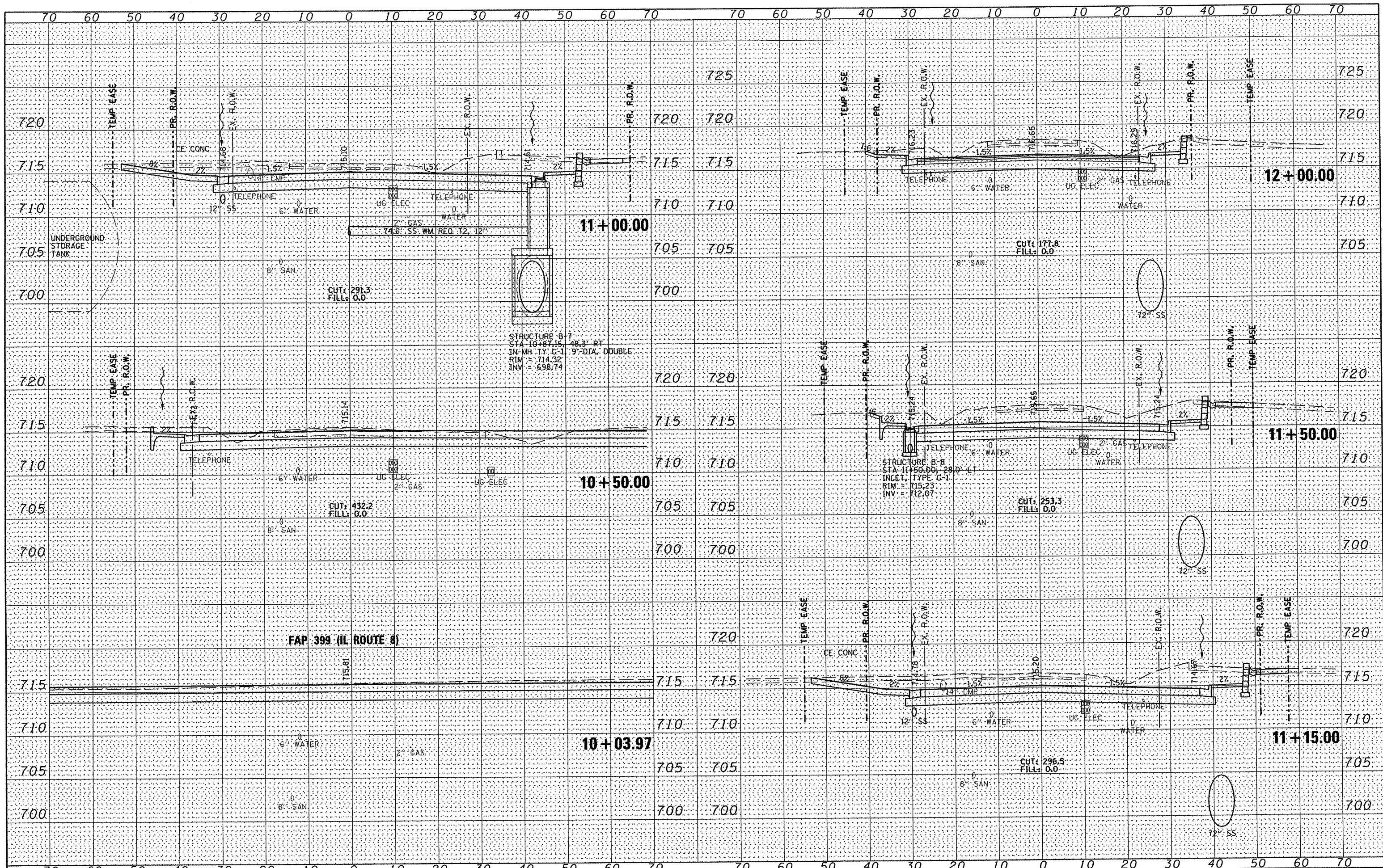


END ELEVATION



SECTION A-A





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 PLOT DATE = #DATE#
 PLOT TIME = #TIME#

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

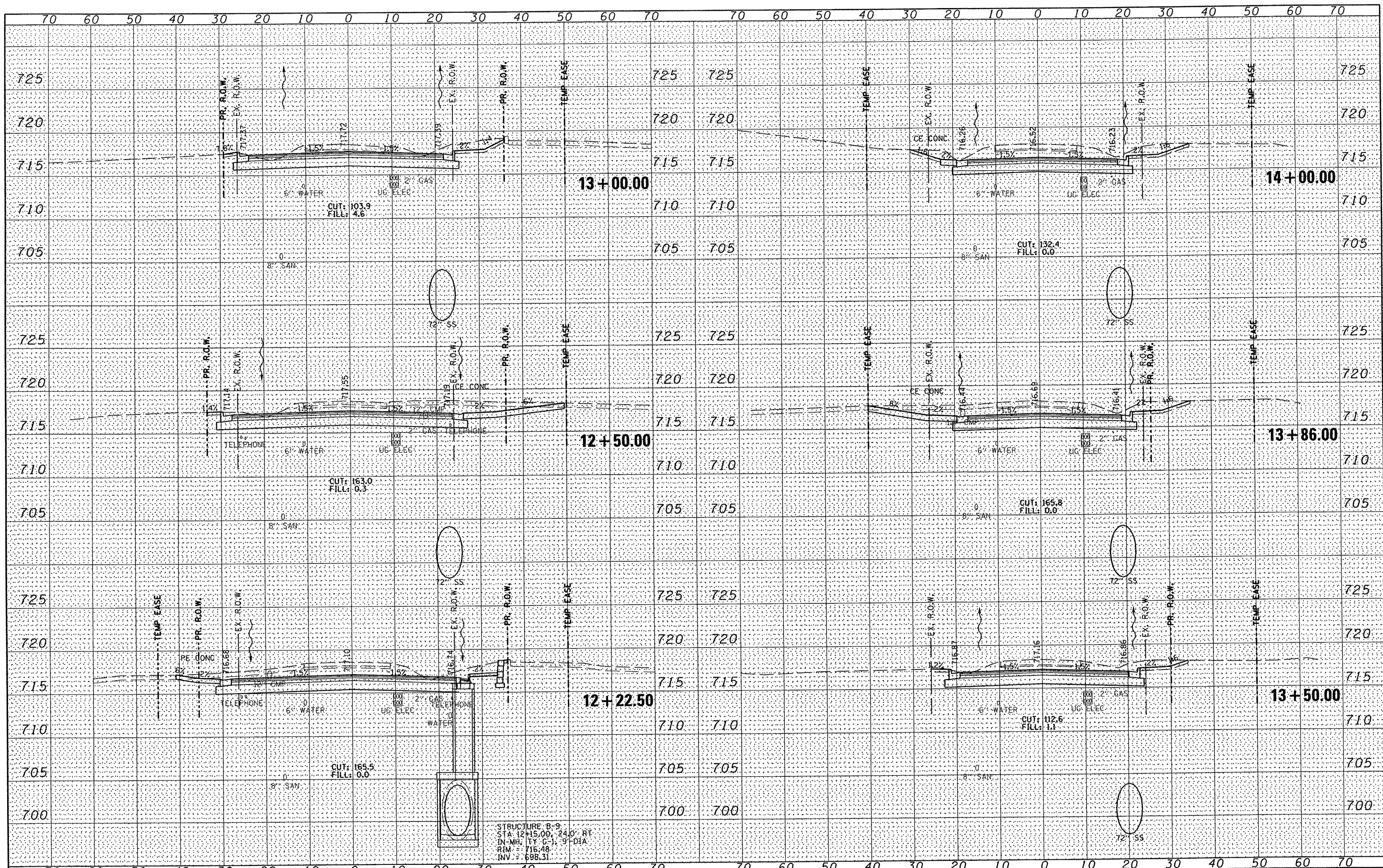
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ROADWAY CROSS SECTIONS
NORTH SUMMIT DRIVE
 SCALE: 1" = 10'
 SHEET NO. 1 OF 23 SHEETS
 STA. 10+00.00 TO STA. 12+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 140 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |

#FILE#



STRUCTURE B-9
 STA. 12+15.00, 240' RT
 IN. MH. (Y-G-1) 9' DIA
 RIM = 716.48
 INV. = 698.31

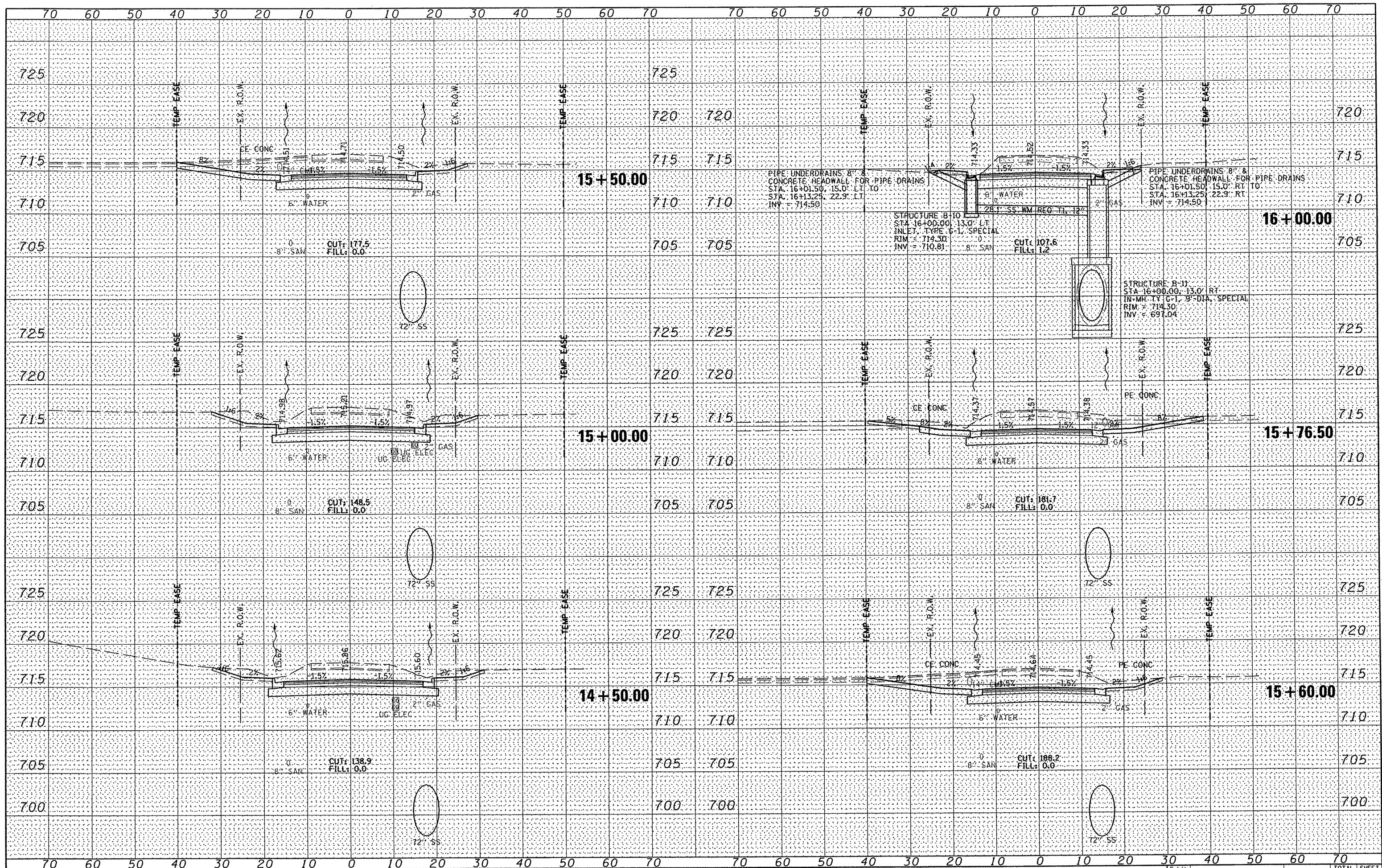
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| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |



ROADWAY CROSS SECTIONS
 NORTH SUMMIT DRIVE
 SCALE: 1" = 10'
 SHEET NO. 2 OF 23 SHEETS
 STA. 12+22.50 TO STA. 14+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 141 |
| CONTRACT NO. 89352 | | | | |
| FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT | | | | |



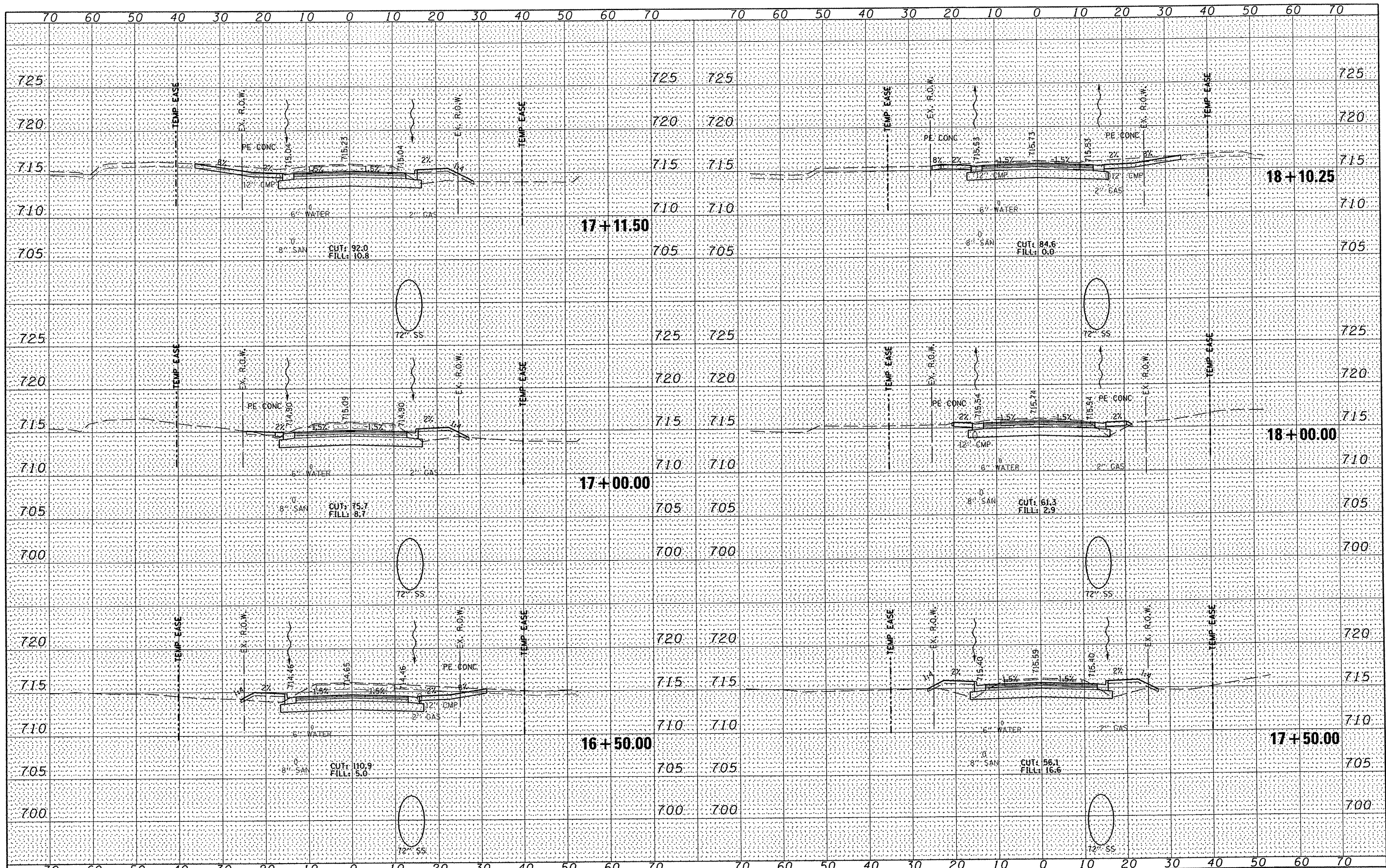
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| DESIGNED - | REVISD - |
| DRAWN - | REVISD - |
| CHECKED - | REVISD - |
| DATE - | REVISD - |



ROADWAY CROSS SECTIONS
NORTH SUMMIT DRIVE
SCALE: 1" = 10'
SHEET NO. 3 OF 23 SHEETS
STA. 14+50.00 TO STA. 16+00.00

| | | | | |
|---------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 142 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 89352 | | |



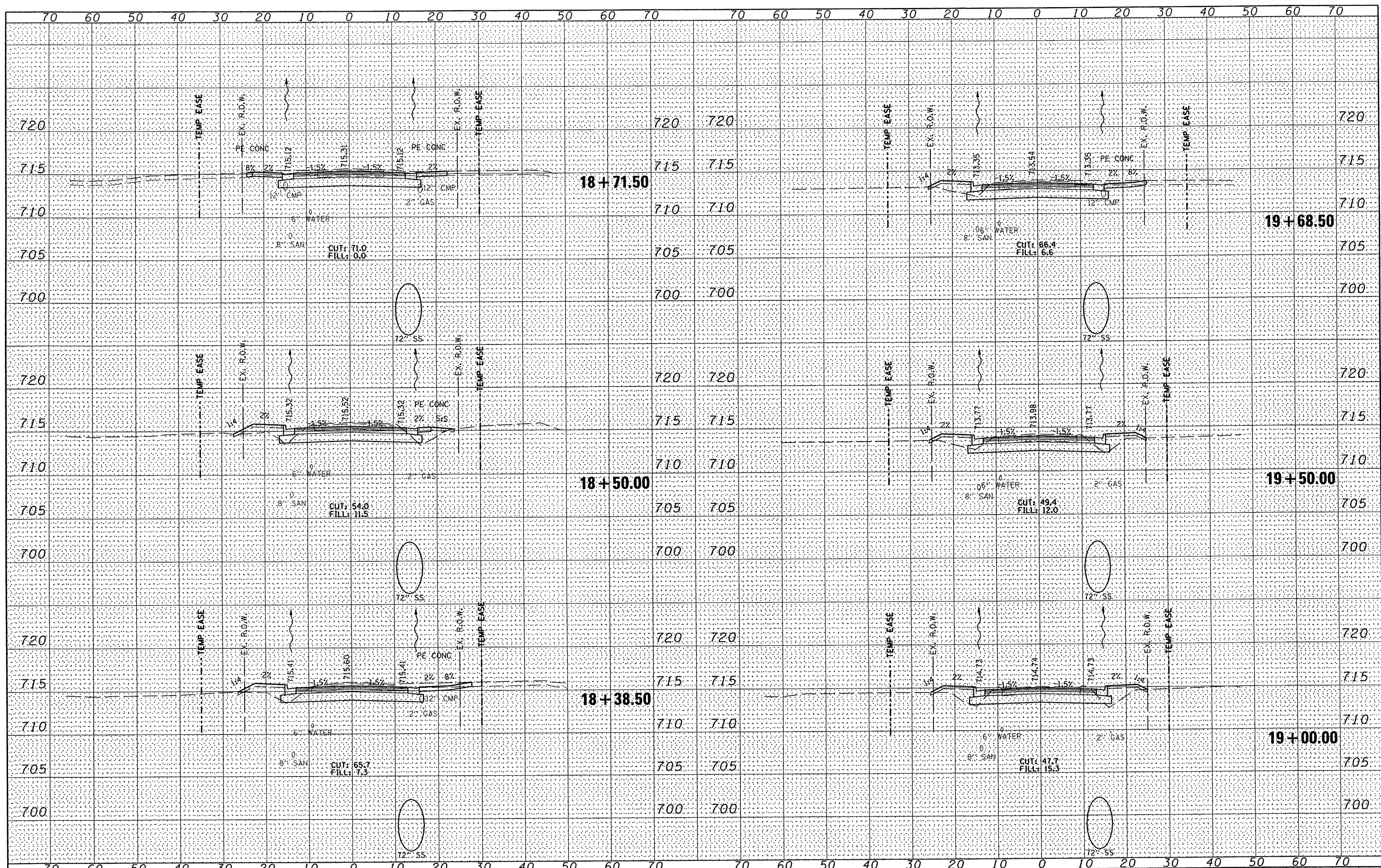
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 PLOT TIME = *TIME*

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



ROADWAY CROSS SECTIONS
 NORTH SUMMIT DRIVE
 SCALE: 1" = 10'
 SHEET NO. 4 OF 23 SHEETS STA. 16+50.00 TO STA. 18+10.25

| | | | | |
|---------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 143 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 89352 | | |



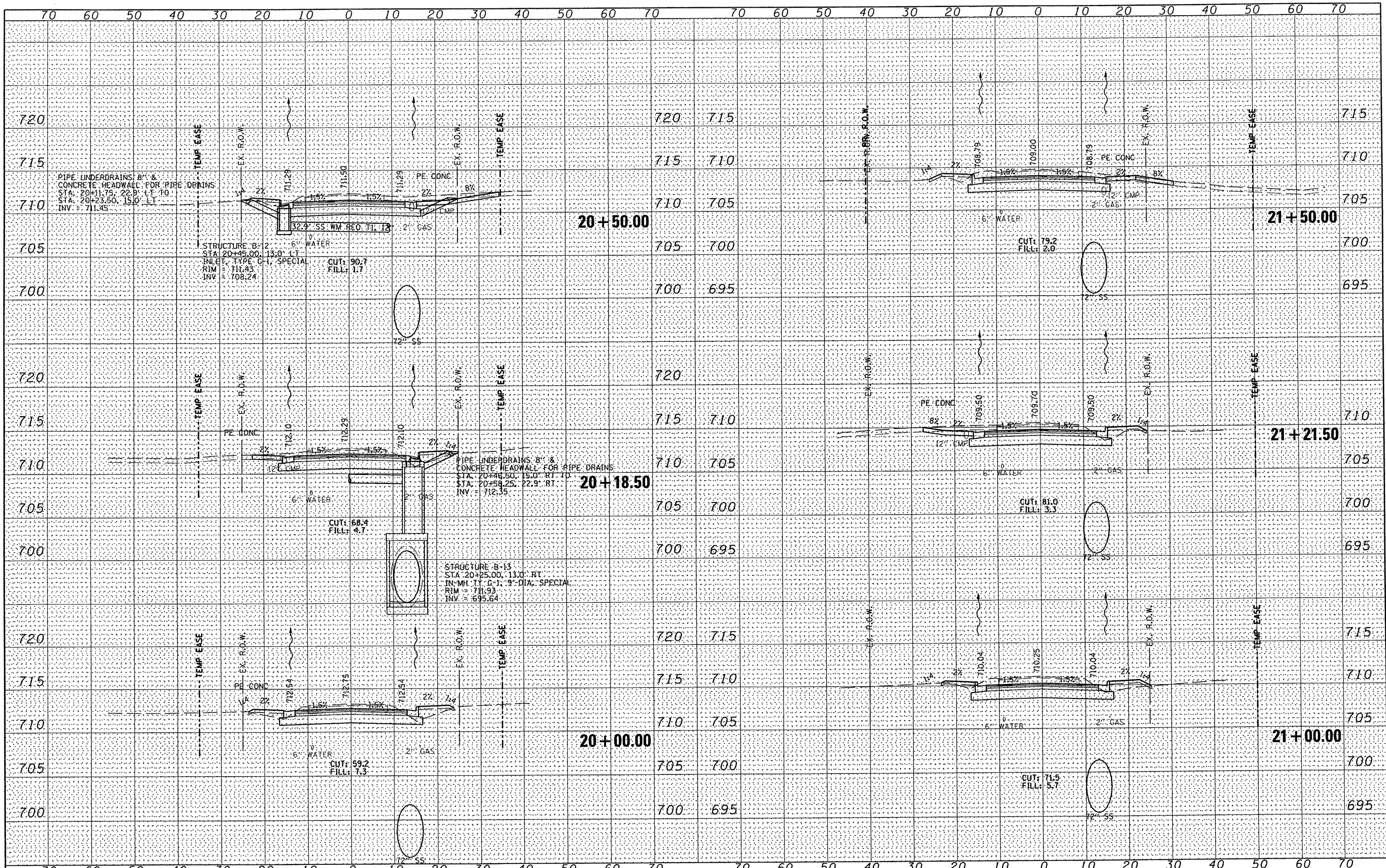
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| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |



ROADWAY CROSS SECTIONS
 NORTH SUMMIT DRIVE
 SCALE: 1" = 10'
 SHEET NO. 5 OF 23 SHEETS
 STA. 18+38.50 TO STA. 19+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------------|----------|---------------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 144 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |
| | | | CONTRACT NO. 89352 | |



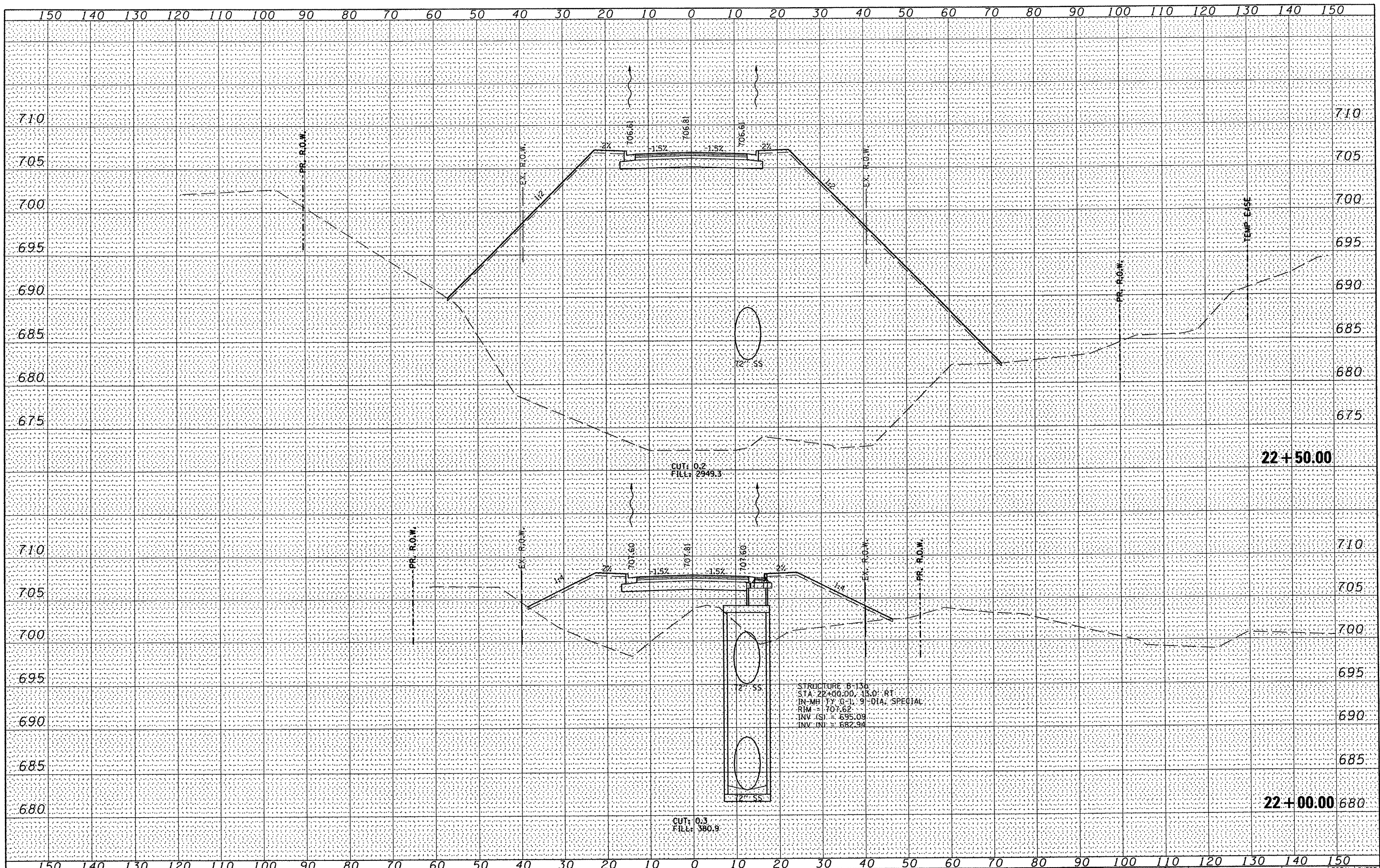
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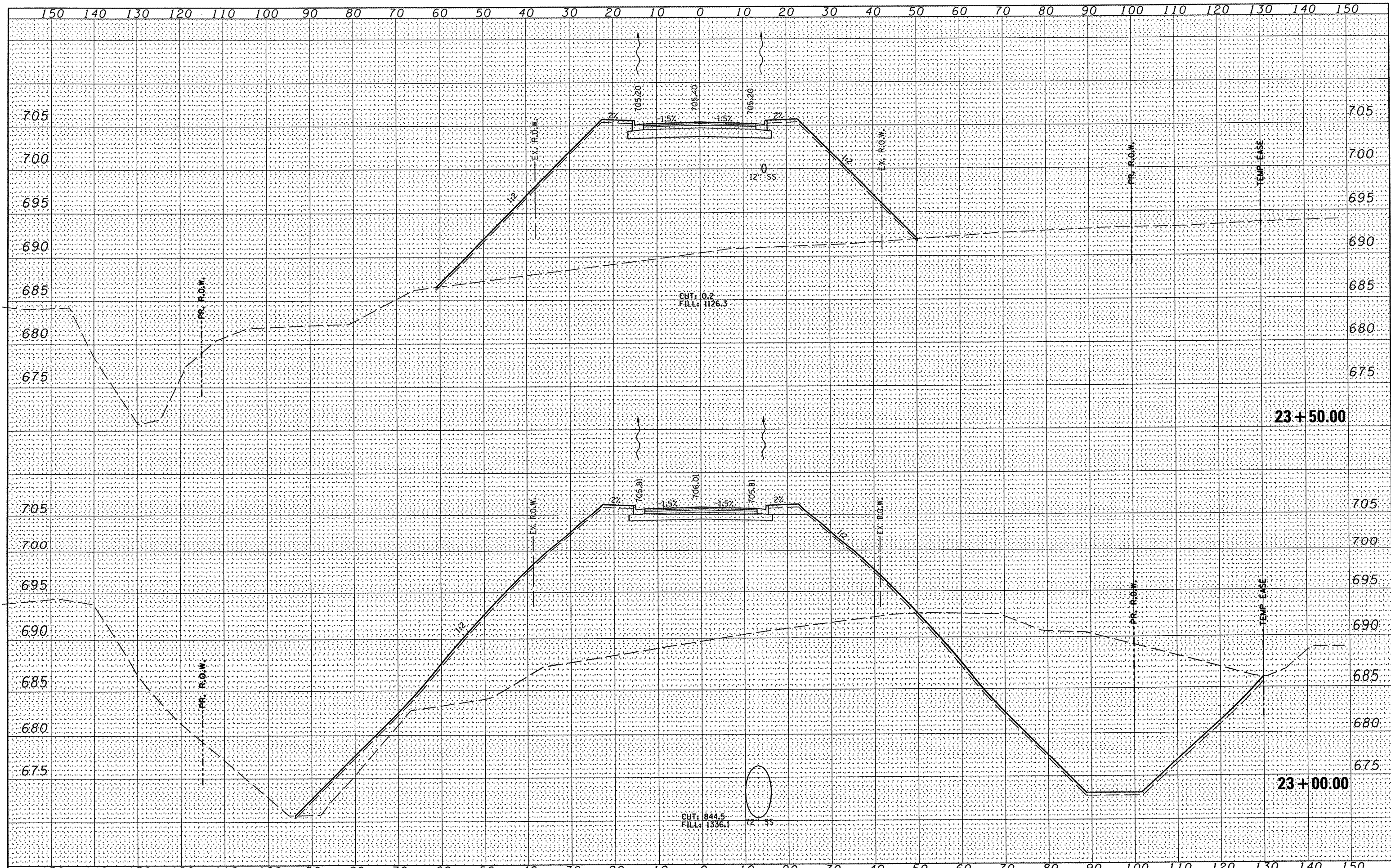
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| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |



ROADWAY CROSS SECTIONS
NORTH SUMMIT DRIVE
 SCALE: 1" = 10' SHEET NO. 6 OF 23 SHEETS STA. 20+00.00 TO STA. 21+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 145 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |





FILE NAME =
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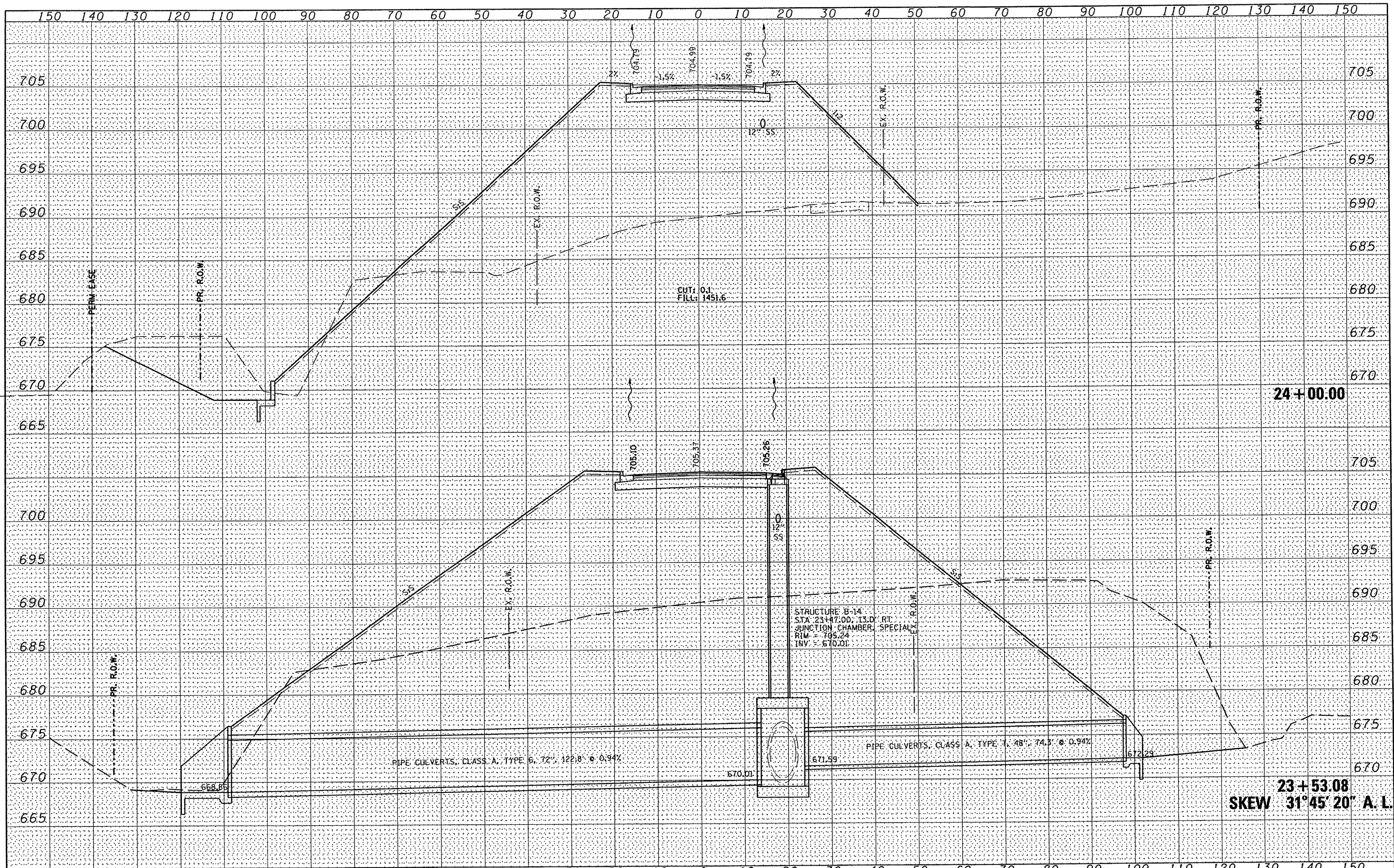
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| DATE - | REVISD - |



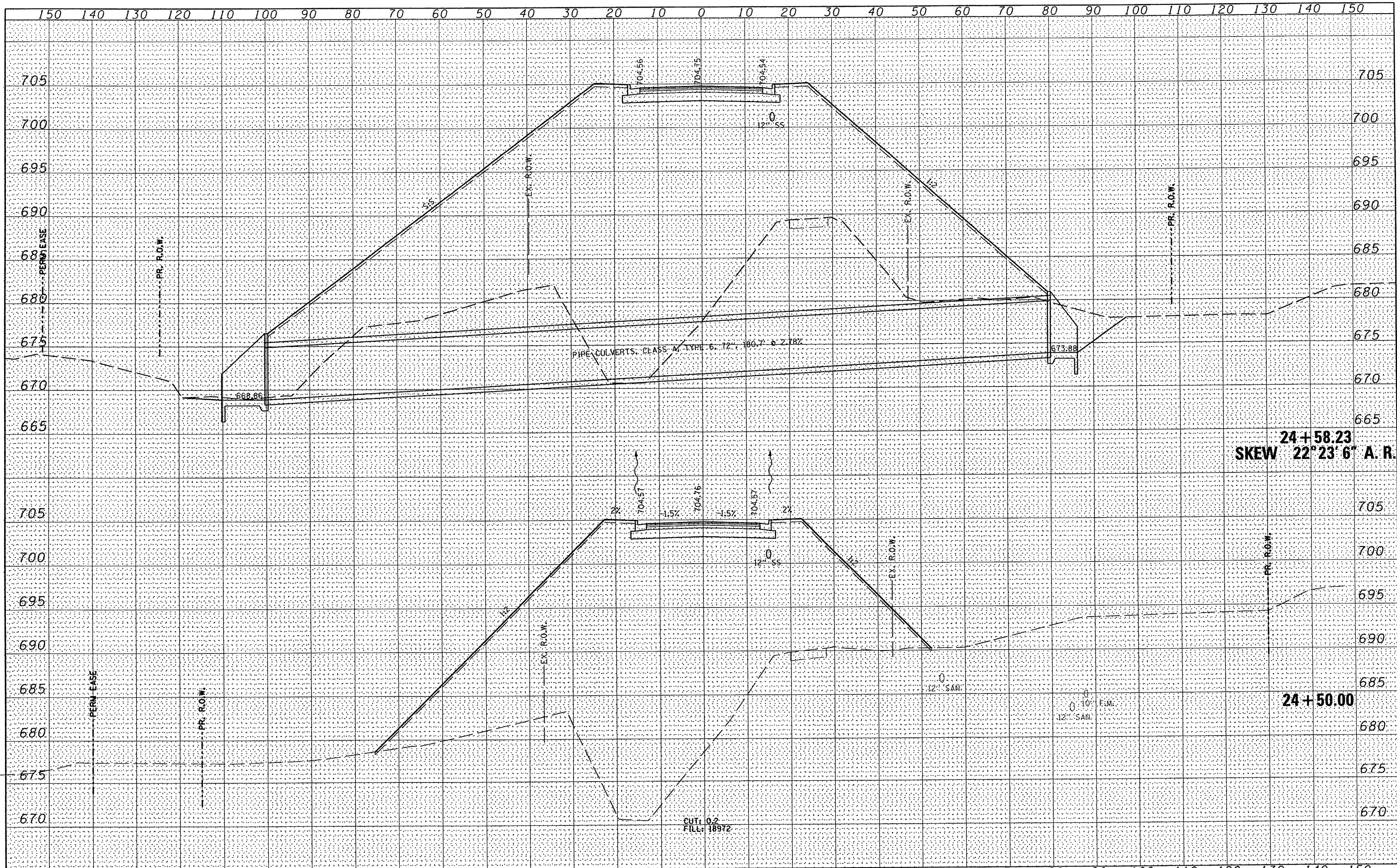
SCALE: 1" = 10'
 SHEET NO. 8 OF 23 SHEETS
 STA. 23+00.00 TO STA. 23+50.00

ROADWAY CROSS SECTIONS
NORTH SUMMIT DRIVE

| | | | | |
|---------------------|----------------|----------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 147 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |
| CONTRACT NO. 89352 | | | | |



| | | | | | | | | | | |
|----------------------|------------|-----------|--|---|--------------------------|---------------|------------------|--------------------|--------------|-----------|
| FILE NAME | DESIGNED - | REVISED - | | ROADWAY CROSS SECTIONS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = #SCALE# | DRAWN - | REVISED - | | NORTH SUMMIT DRIVE | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 148 |
| PLOT DATE = #DATE# | CHECKED - | REVISED - | | SCALE: 1" = 10' | SHEET NO. 9 OF 23 SHEETS | STA. 23+55.00 | TO STA. 24+00.00 | CONTRACT NO. 89352 | | |
| PLOT TIME = #TIME# | DATE - | REVISED - | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | |



24+58.23
SKEW 22°23'6" A. R.

24+50.00

FILE NAME =

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

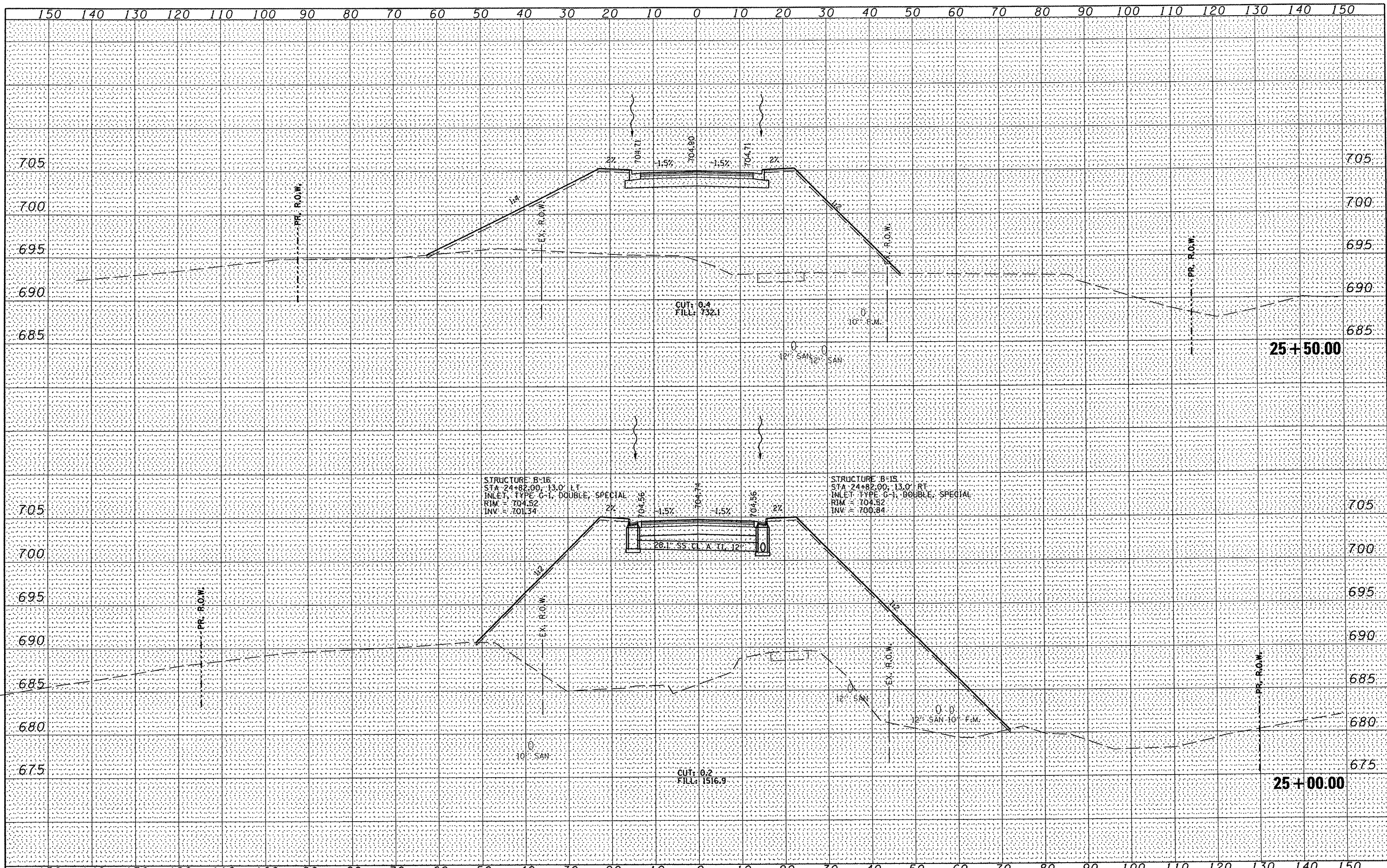


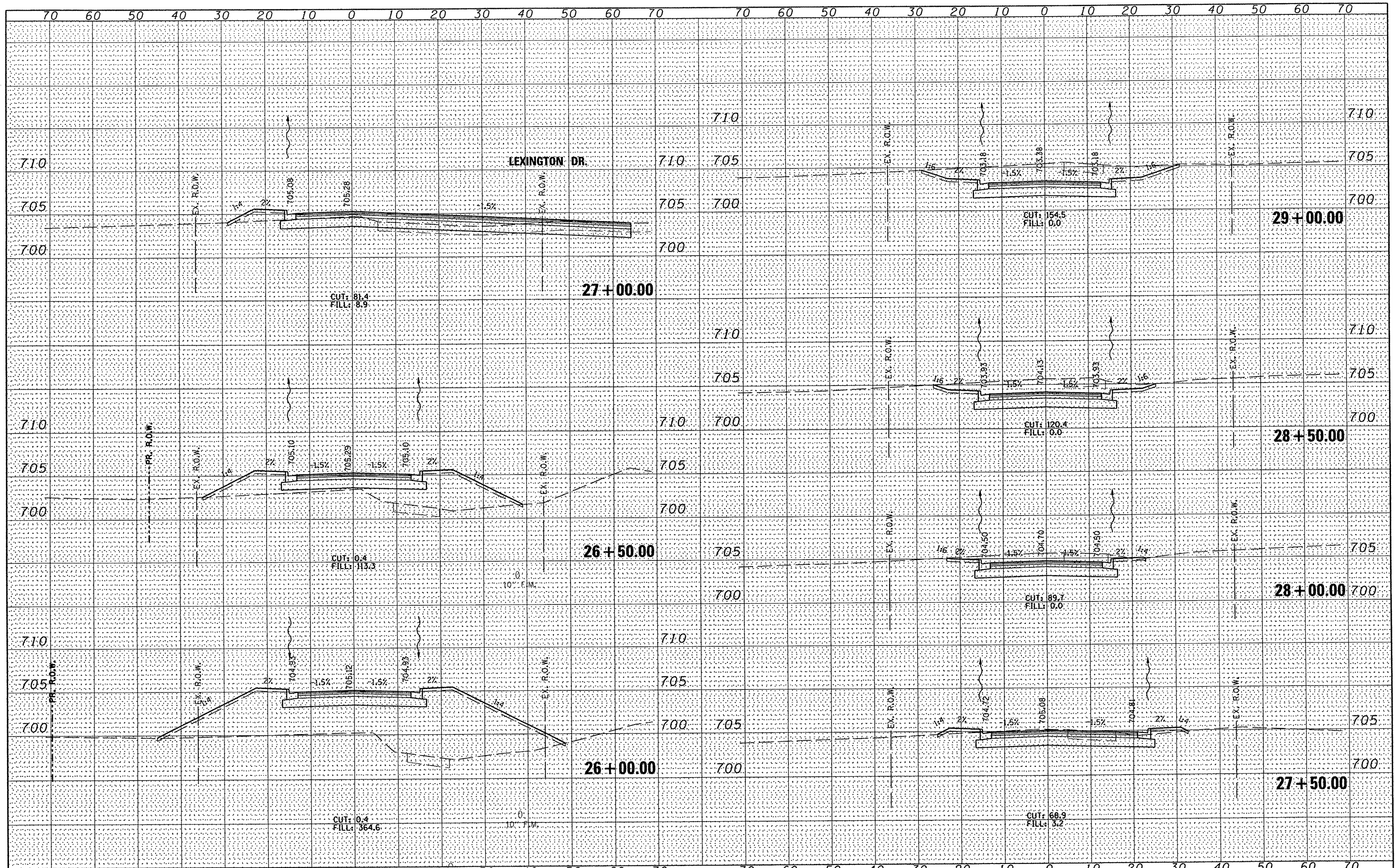
ROADWAY CROSS SECTIONS
NORTH SUMMIT DRIVE

SCALE: 1" = 10' SHEET NO. 10 OF 23 SHEETS STA. 24+50.00 TO STA. 24+58.00

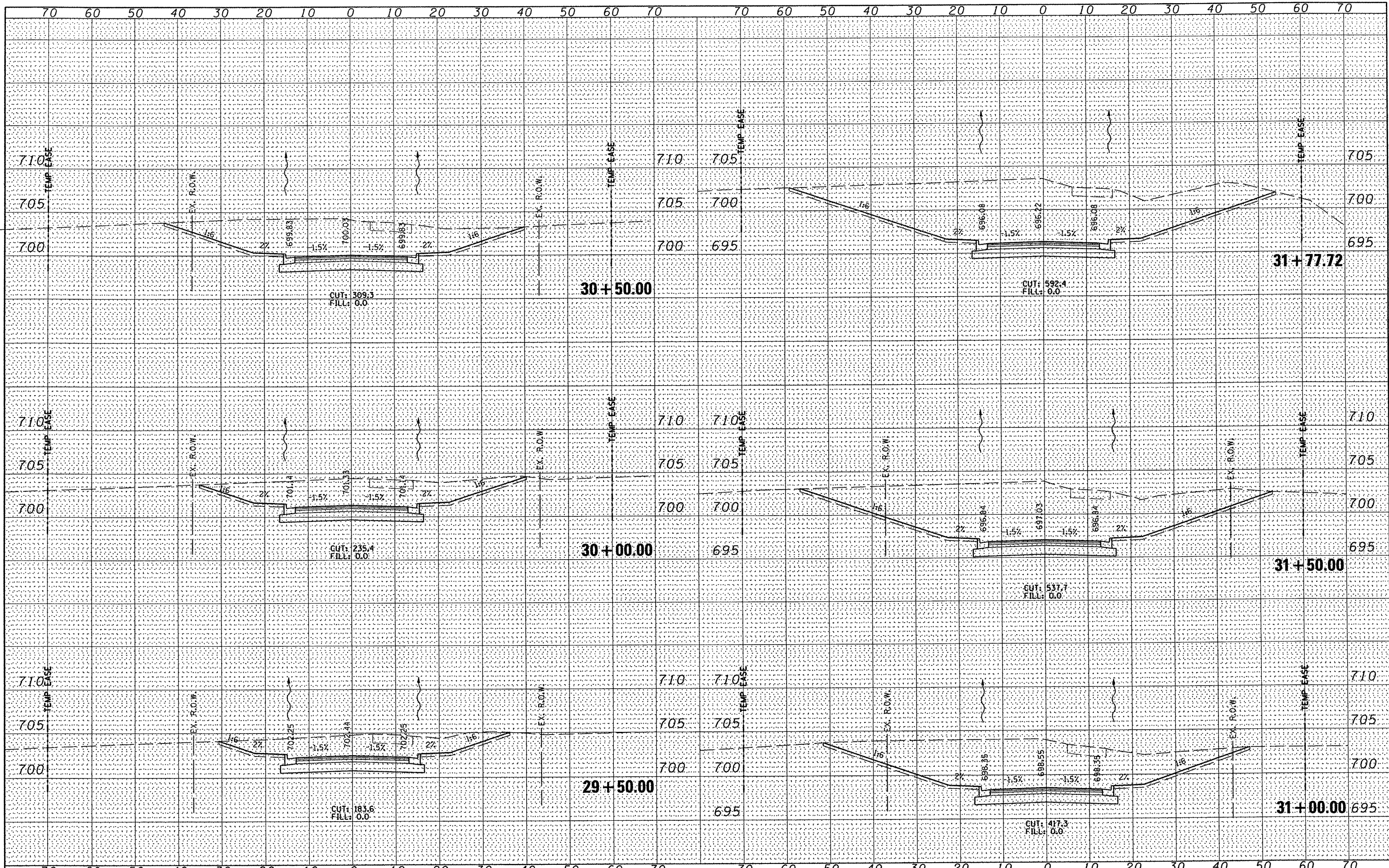
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|--------------------|----------------|----------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 149 |
| CONTRACT NO. 89352 | | | | |

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





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|-------------|----------------------|------------|-----------|--|-------------------------------|--|--|--|----------------|----------|--------------|-----------|
| FILE NAME = | PLOT SCALE = #SCALE# | DESIGNED - | REVISED - | | ROADWAY CROSS SECTIONS | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| *FILE# | PLOT DATE = #DATE# | DRAWN - | REVISED - | | NORTH SUMMIT DRIVE | | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 151 |
| | PLOT TIME = #TIME# | CHECKED - | REVISED - | | SCALE: 1" = 10' | | | SHEET NO. 12 OF 23 SHEETS STA. 26+00.00 TO STA. 29+00.00 | | | | |
| | DATE - | DATE - | REVISED - | | FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | | | | |
| | | | | | CONTRACT NO. 89352 | | | | | | | |



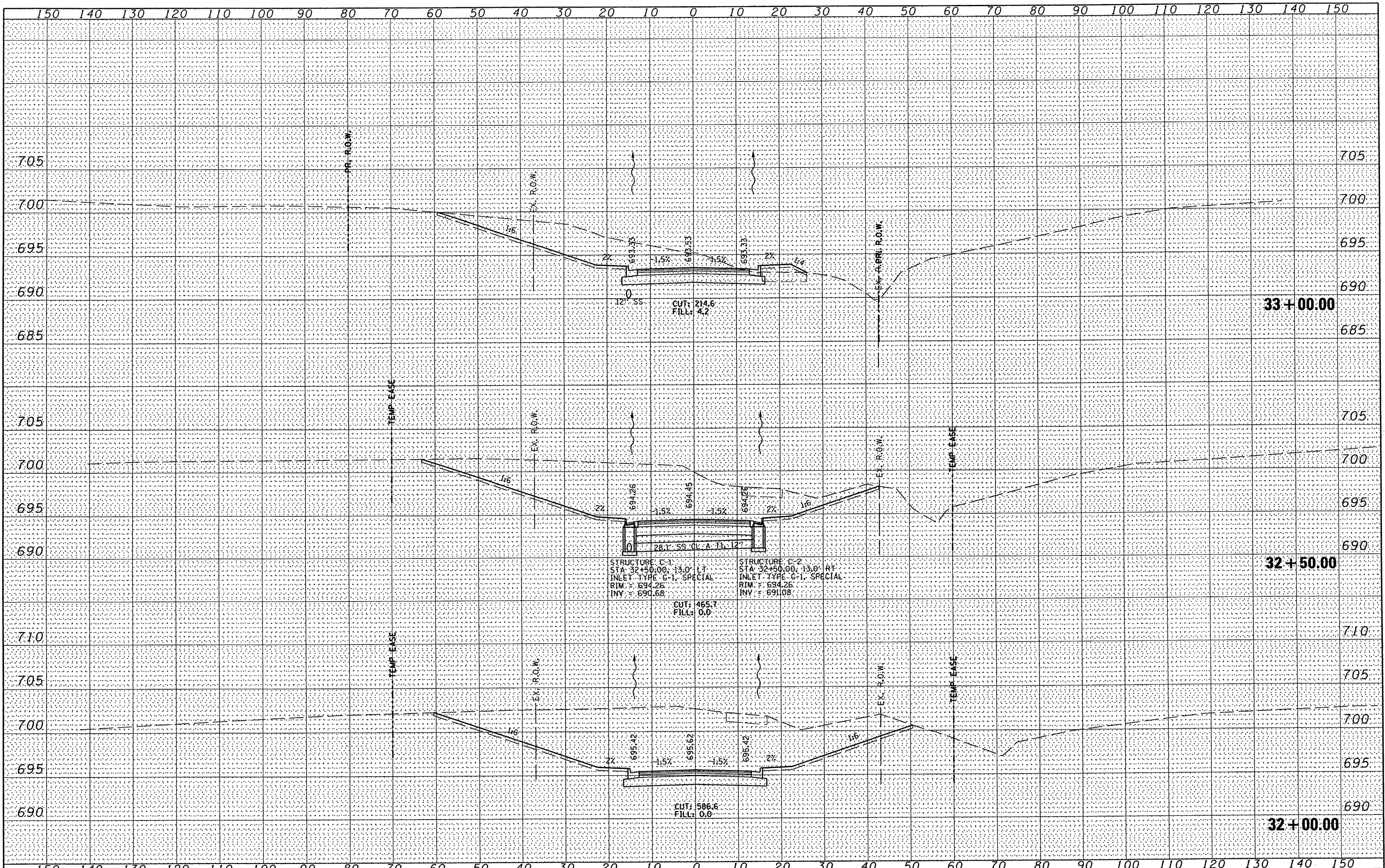
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 PLOT DATE - *DATE*
 PLOT TIME - *TIME*
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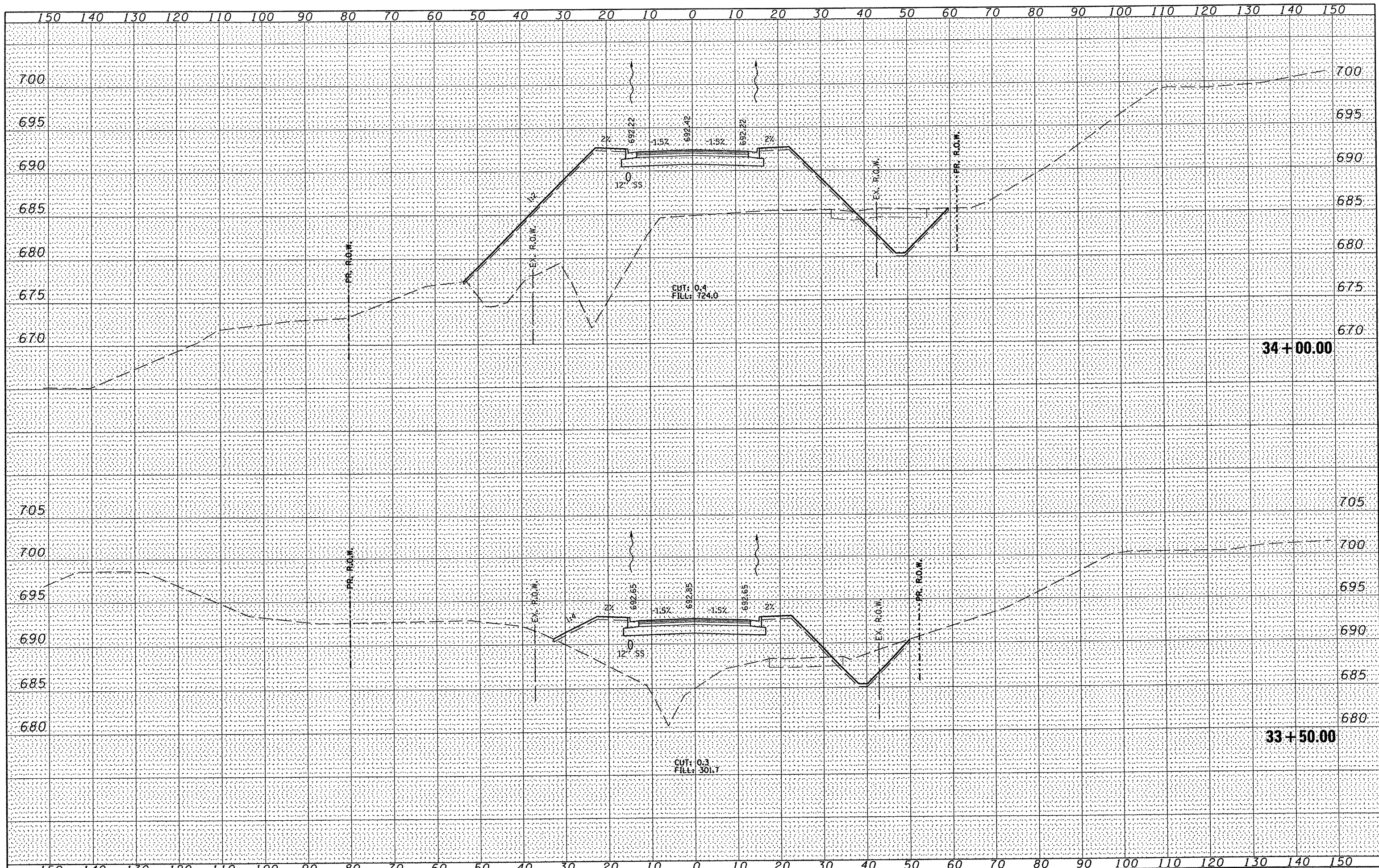
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| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |



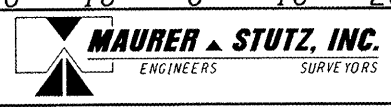
ROADWAY CROSS SECTIONS
 NORTH SUMMIT DRIVE
 SCALE: 1" = 10'
 SHEET NO. 13 OF 23 SHEETS
 STA. 29+50.00 TO STA. 31+77.72

| | | | | |
|---------------------|------------------------|---------------------------|------------------|---------------|
| F.A.U. RTE. 6775 | SECTION 04-00141-00-FP | COUNTY TAZEWELL | TOTAL SHEETS 187 | SHEET NO. 152 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO. 89352 | | | | |





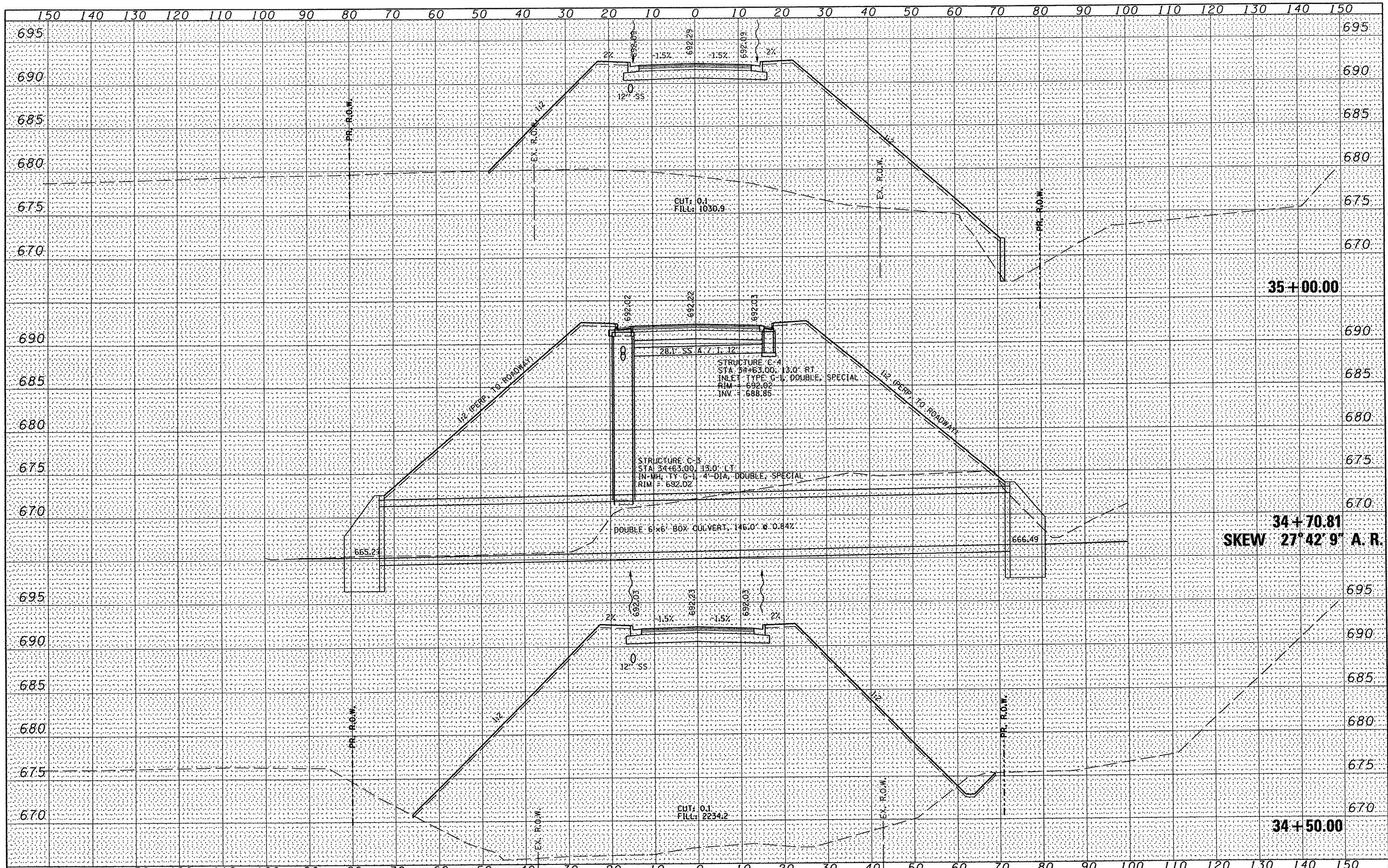
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| | PLOT DATE = *DATE* | DRAWN - | REVISED - |
| | PLOT TIME = *TIME* | CHECKED - | REVISED - |
| *FILE# | | DATE - | REVISED - |



ROADWAY CROSS SECTIONS
NORTH SUMMIT DRIVE

SCALE: 1" = 10' SHEET NO. 15 OF 23 SHEETS STA. 33+50.00 TO STA. 34+00.00

| | | | | |
|---------------------|----------------|---------------------------|--------------|-----------|
| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 154 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 89352 | | |

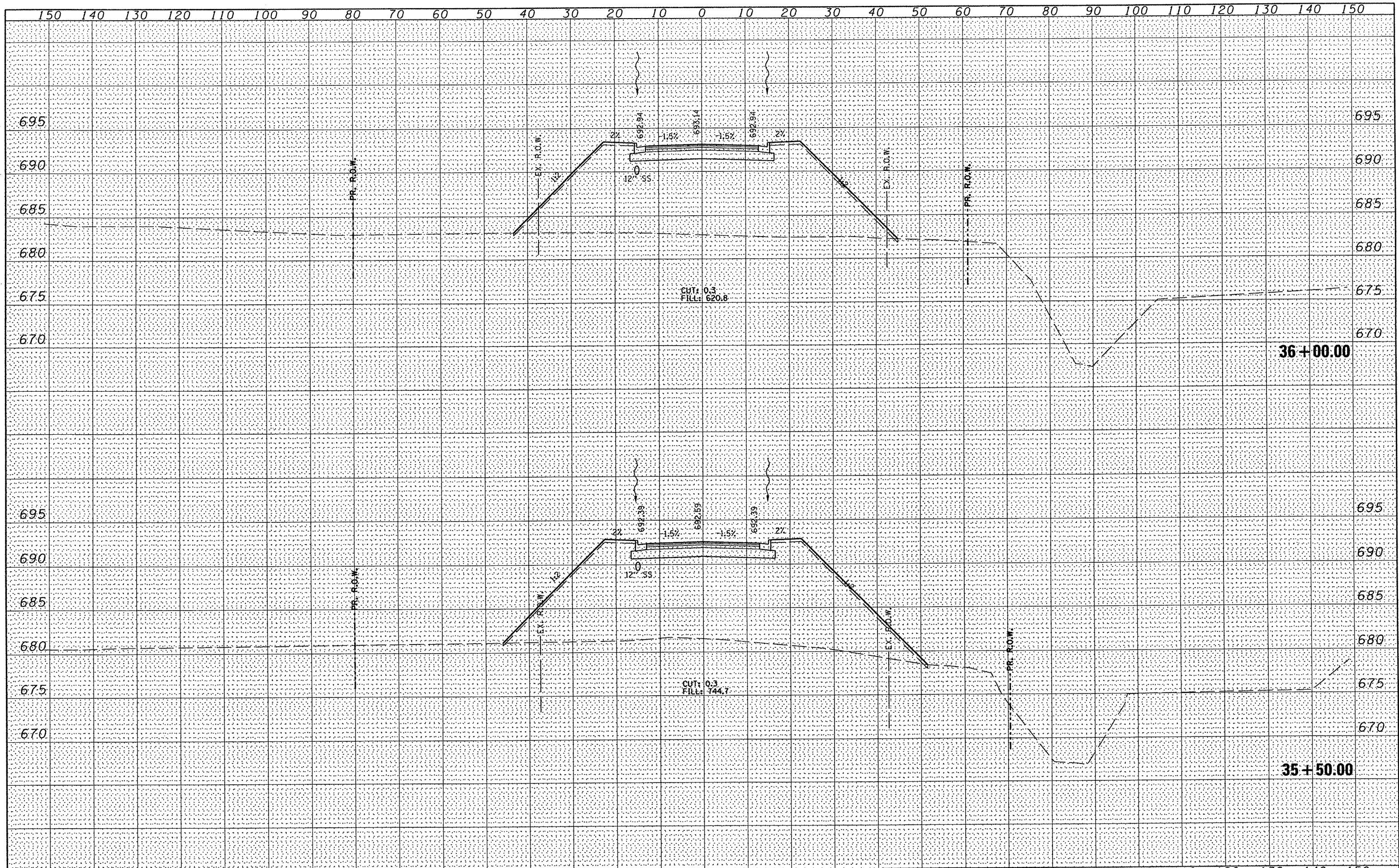


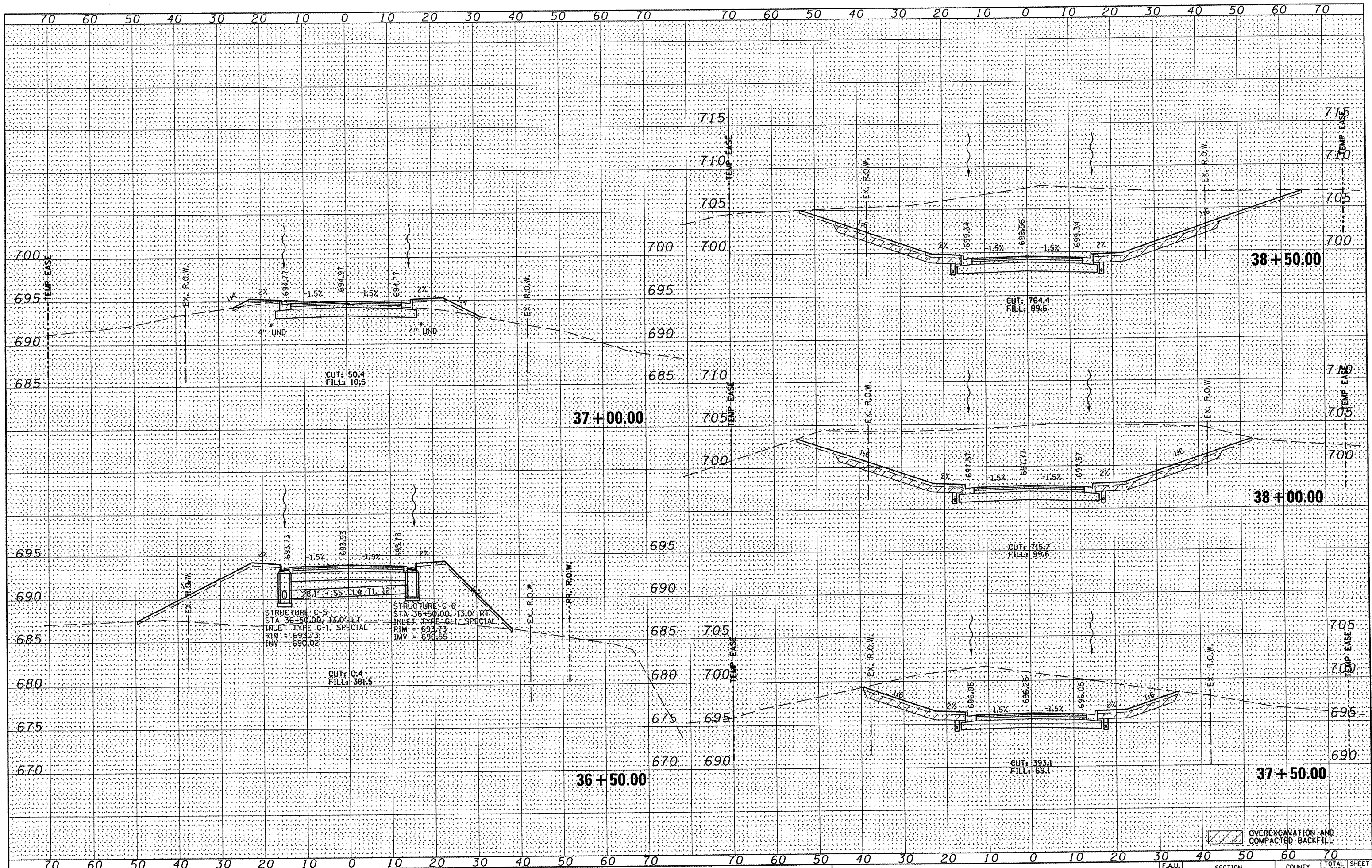
35+00.00

34+70.81
SKEW 27°42'9" A.R.

34+50.00







FILE NAME =
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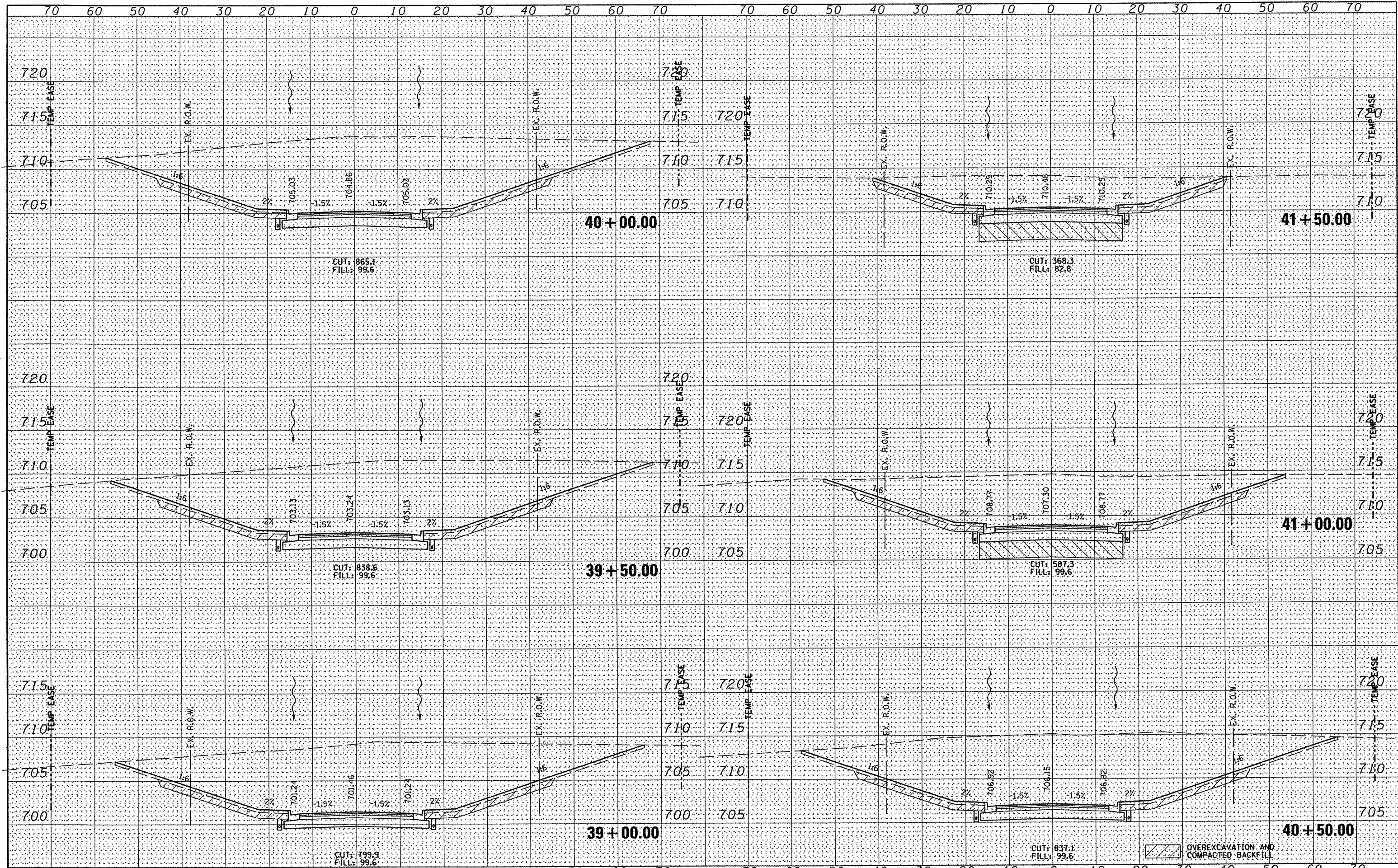
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| PLOT DATE = #DATE# | DRAWN - | REVISED - |
| PLOT TIME = #TIME# | CHECKED - | REVISED - |
| | DATE | REVISED - |



ROADWAY CROSS SECTIONS
 NORTH SUMMIT DRIVE
 SCALE: 1" = 10' SHEET NO. 18 OF 23 SHEETS STA. 36+50.00 TO STA. 38+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|----------|--------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 157 |
| CONTRACT NO. 89352 | | | | |

OVEREXCAVATION AND COMPACTED BACKFILL



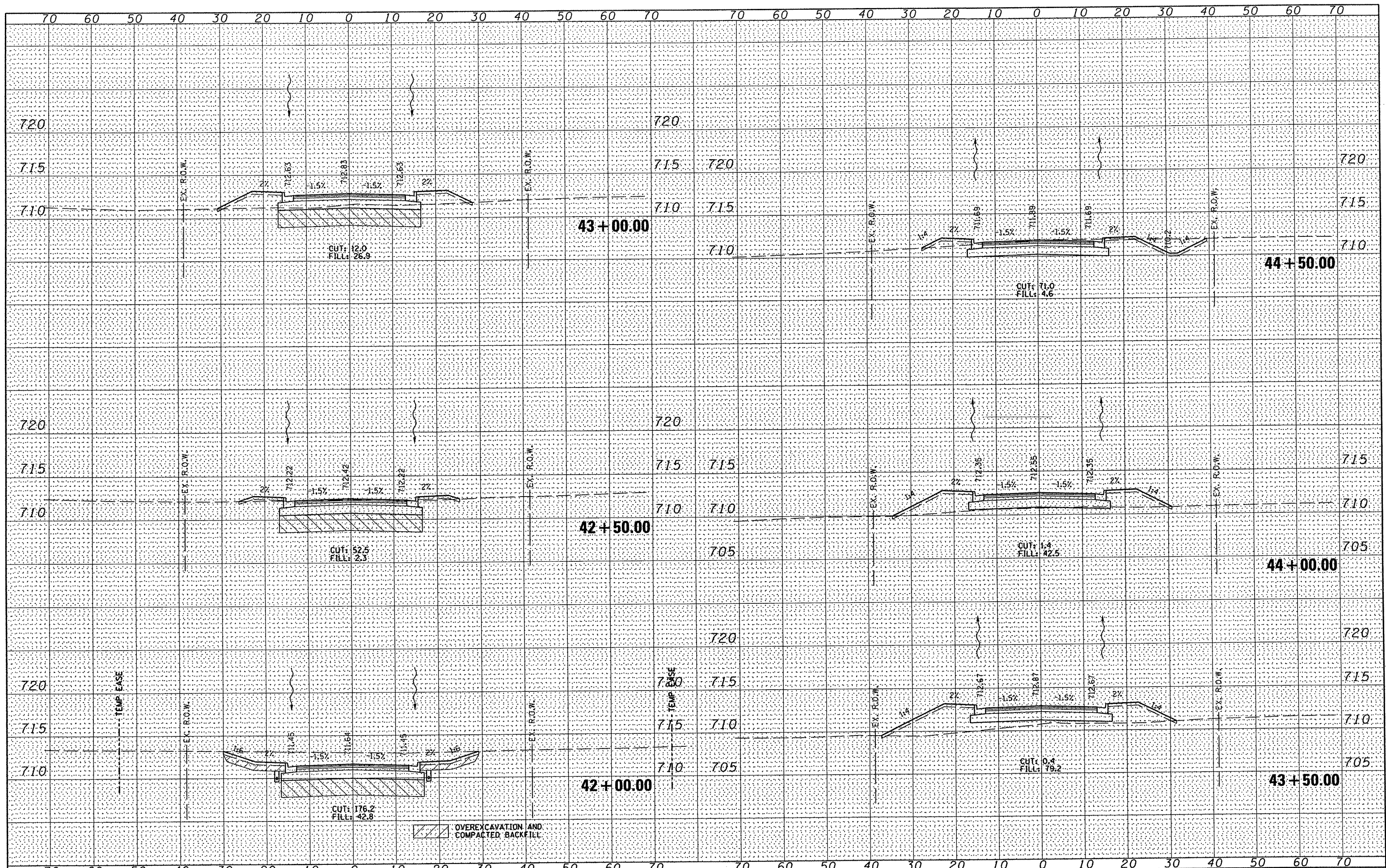
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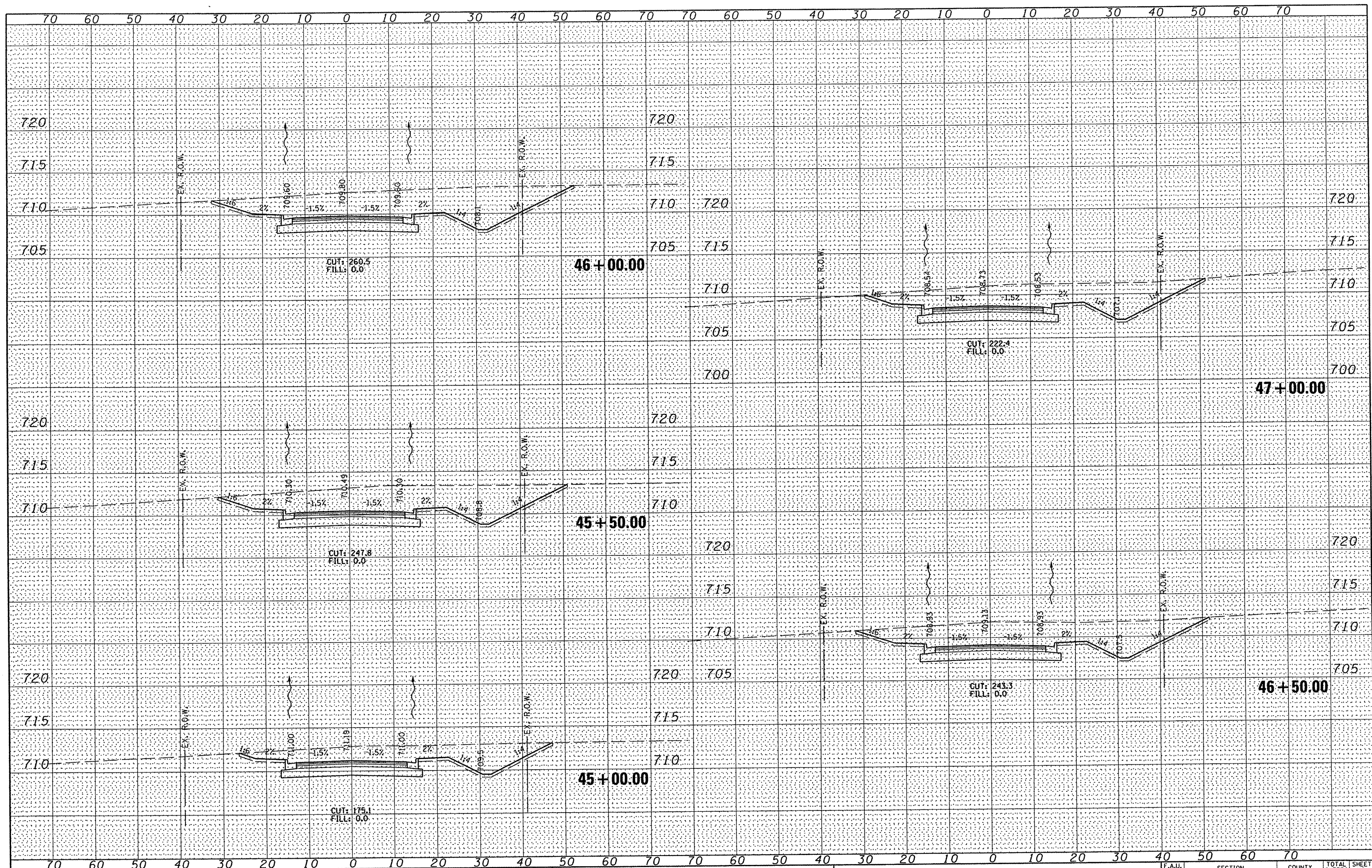
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| PLOT TIME = #TIME# | CHECKED - | REVISED - |
| | DATE - | REVISED - |



ROADWAY CROSS SECTIONS
 NORTH SUMMIT DRIVE
 SCALE: 1" = 10'
 SHEET NO. 19 OF 23 SHEETS
 STA. 39+00.00 TO STA. 41+50.00

| | | | | |
|---------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 158 |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| | | CONTRACT NO. 89352 | | |





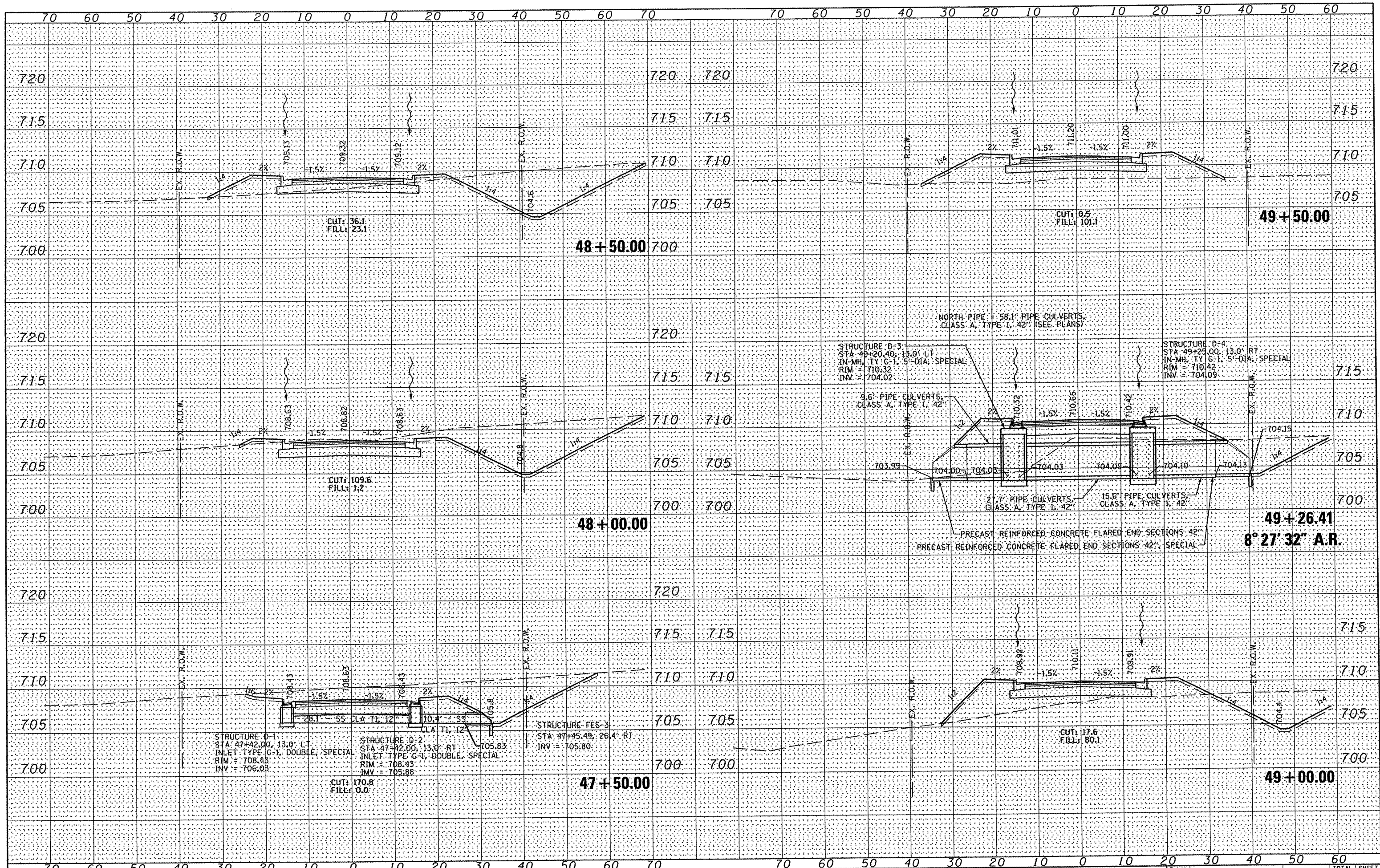
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| DESIGNED - | REVISED - |
| DRAWN - | REVISED - |
| CHECKED - | REVISED - |
| DATE - | REVISED - |



ROADWAY CROSS SECTIONS
 NORTH SUMMIT DRIVE
 SCALE: 1" = 10'
 SHEET NO. 21 OF 23 SHEETS
 STA. 45+00.00 TO STA. 47+00.00

| | | | | |
|---|---------------------------|--------------------|---------------------|------------------|
| F.A.U. RTE. 6775 | SECTION 04-00141-00-FP | COUNTY TAZEWELL | TOTAL SHEETS 187 | SHEET NO. 160 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 89352 | |



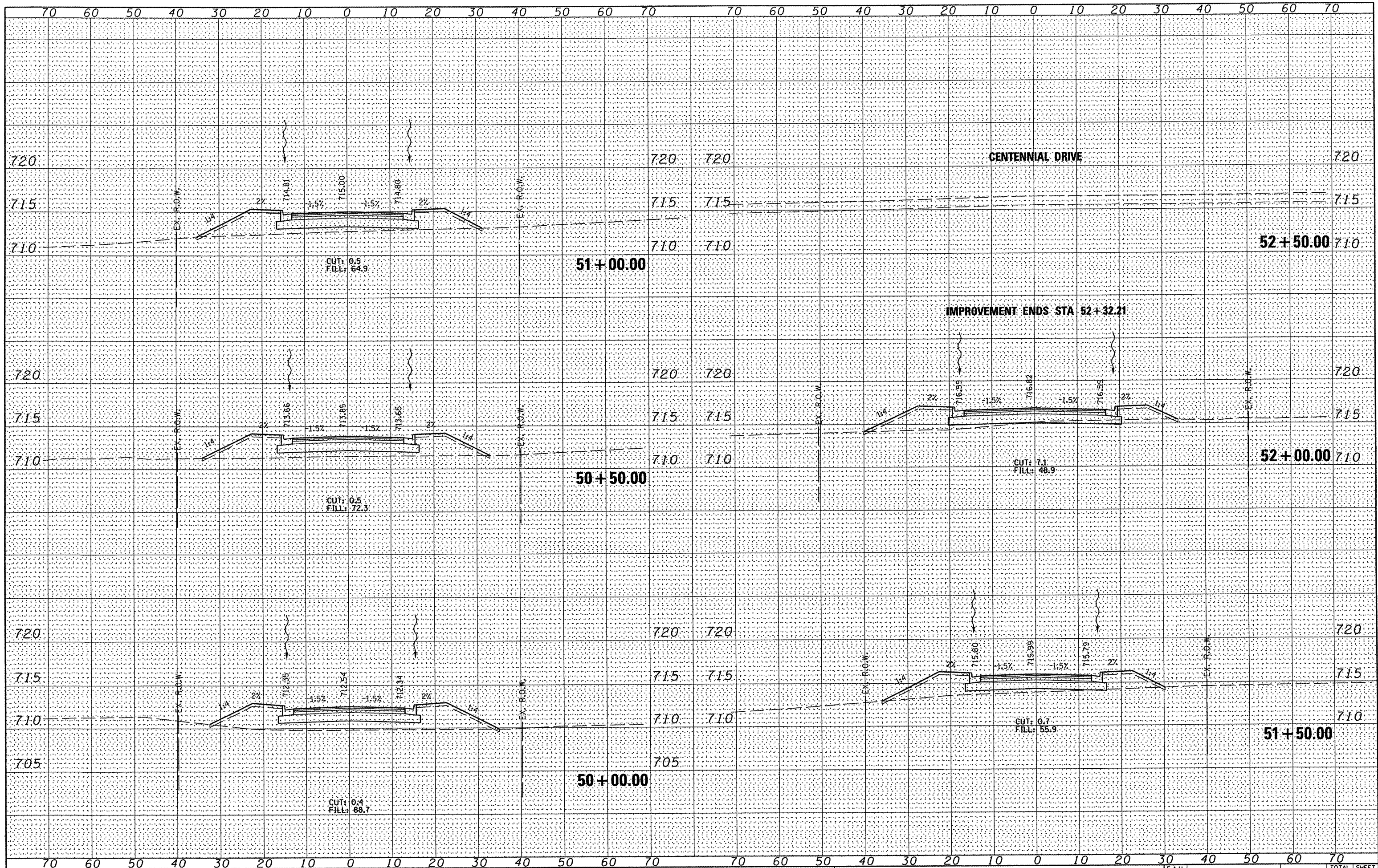
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 PLOT DATE = #DATE#
 PLOT TIME = #TIME#

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



ROADWAY CROSS SECTIONS
 NORTH SUMMIT DRIVE
 SCALE: 1" = 10'
 SHEET NO. 22 OF 23 SHEETS
 STA. 47+50.00 TO STA. 49+50.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 161 |
| CONTRACT NO. 89352 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |



FILE NAME =
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| DESIGNED - | REVISOR - |
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| DATE - | REVISOR - |

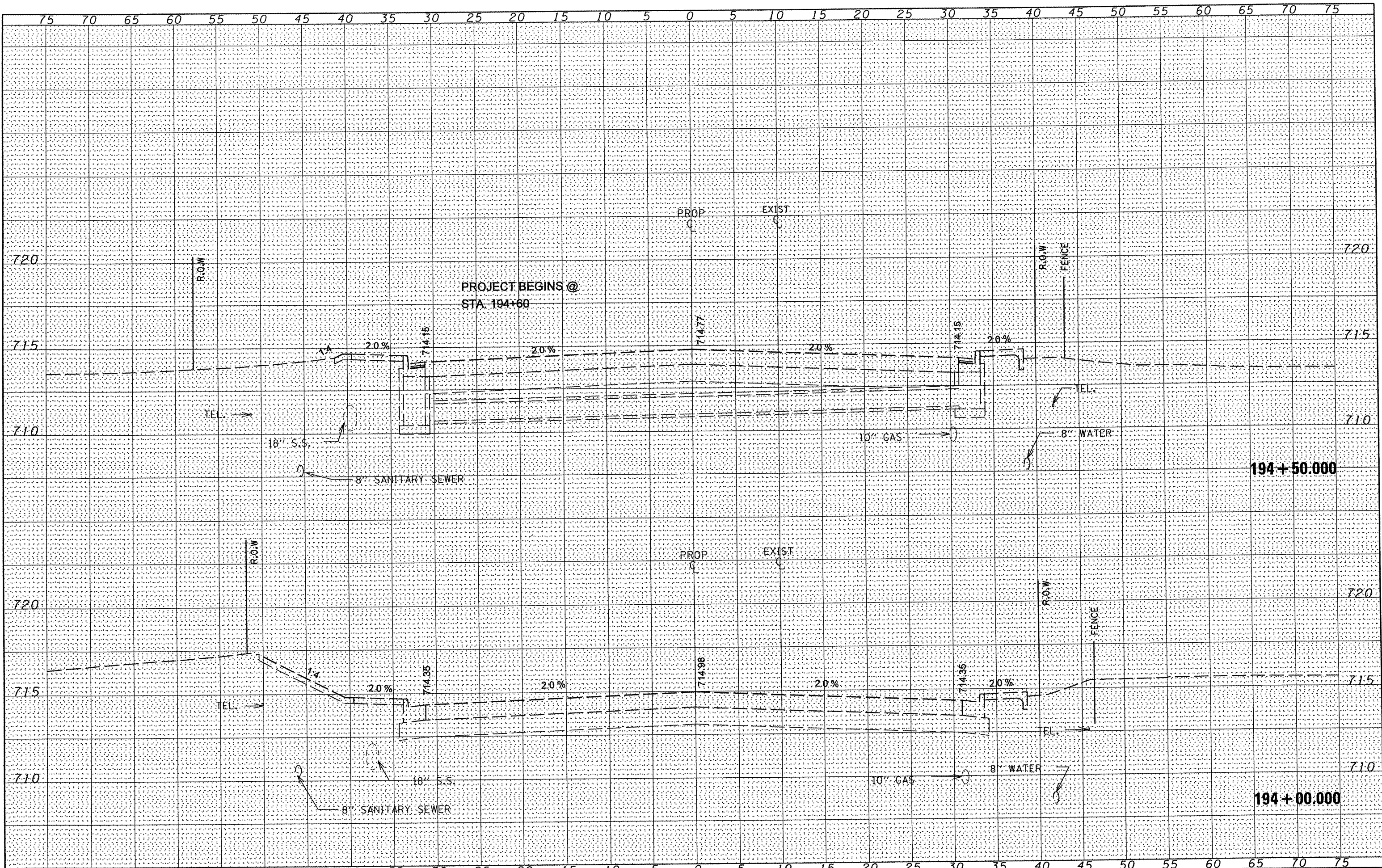


ROADWAY CROSS SECTIONS
 NORTH SUMMIT DRIVE
 SCALE: 1" = 10'
 SHEET NO. 23 OF 23 SHEETS
 STA. 50+00.00 TO STA. 52+50.00

| F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------|--------------|-----------|
| 6775 | 04-00141-00-PP | TAZEWELL | 187 | 162 |
| CONTRACT NO. 89352 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |

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

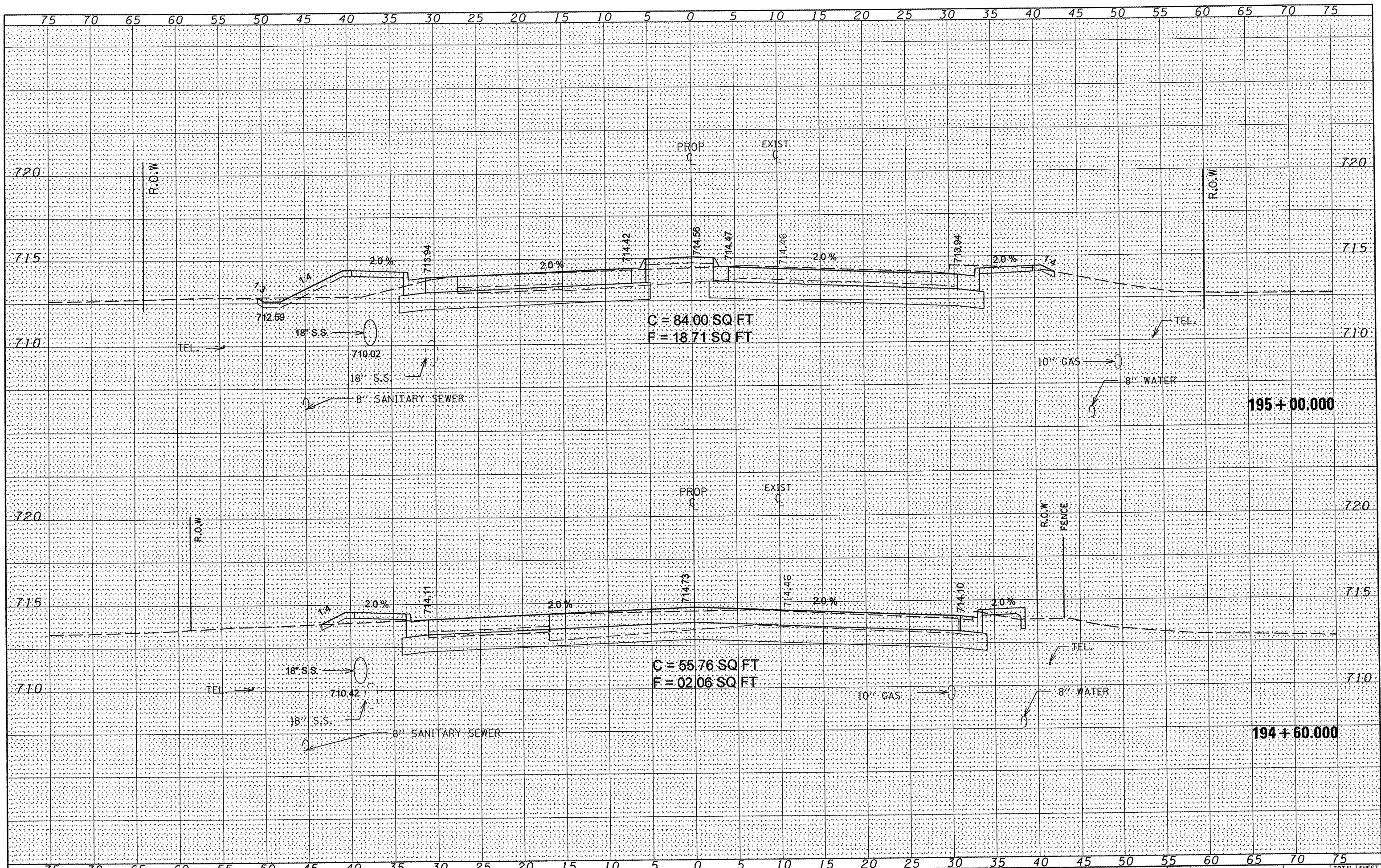
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| ORIGINAL | CHECKED | DATE |
| SURVEY | PLOTTED | |
| NOTE BOOK | TEMPLATE | |
| AREAS | AREAS | |
| CHECKED | CHECKED | |



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|----------------------|--------------------|------------|-----------|---|--|---|--|------------------------------------|----------------|----------|--------------|-----------|
| FILE NAME = | USER NAME = *USER* | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | IL ROUTE 8 MAINLINE CROSS SECTIONS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| *FILEL* | | DRAWN - | REVISED - | | | | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 163 |
| PLOT SCALE = *SCALE* | | CHECKED - | REVISED - | | | | | CONTRACT NO. 89352 | | | | |
| PLOT DATE = *DATE* | | DATE - | REVISED - | | | | | ILLINOIS FED. AID PROJECT | | | | |
| | | | | SCALE: | | SHEET NO. 1 OF 21 SHEETS | | STA. 194+00.000 TO STA. 194+50.000 | | | | |

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| DATE | |
| BY | |
| FINAL SURVEY | |
| NOTED | |
| NOTE BOOK | |
| REPLACE | |
| AREAS CHECKED | |
| NO. | |

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|-----------------|--|
| DATE | |
| BY | |
| ORIGINAL SURVEY | |
| NOTED | |
| NOTE BOOK | |
| REPLACE | |
| AREAS CHECKED | |
| NO. | |



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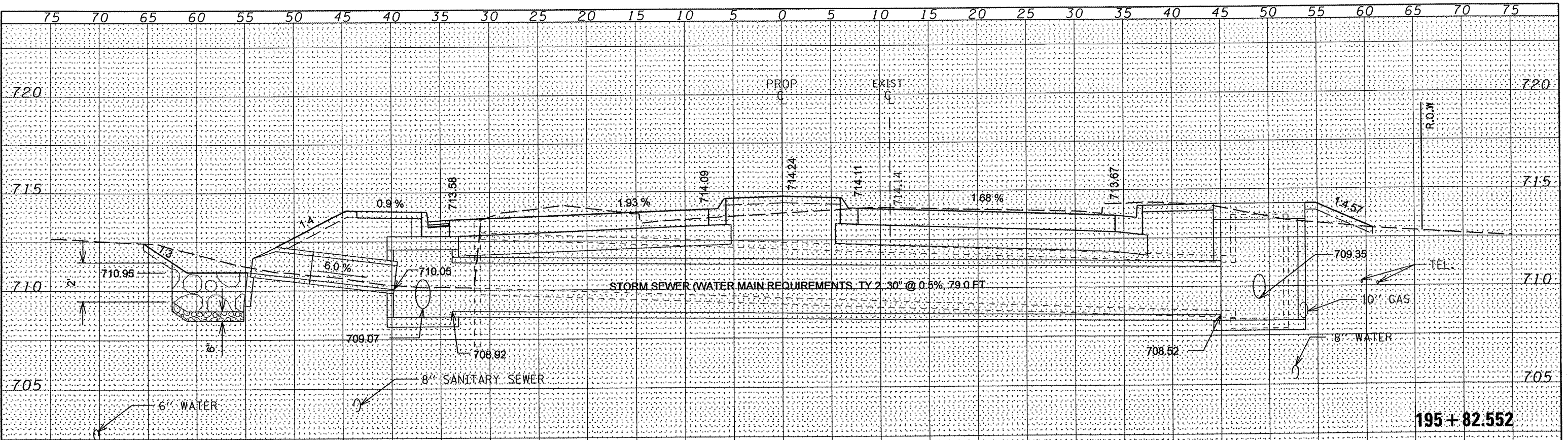
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| | DRAWN - | REVISED - |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

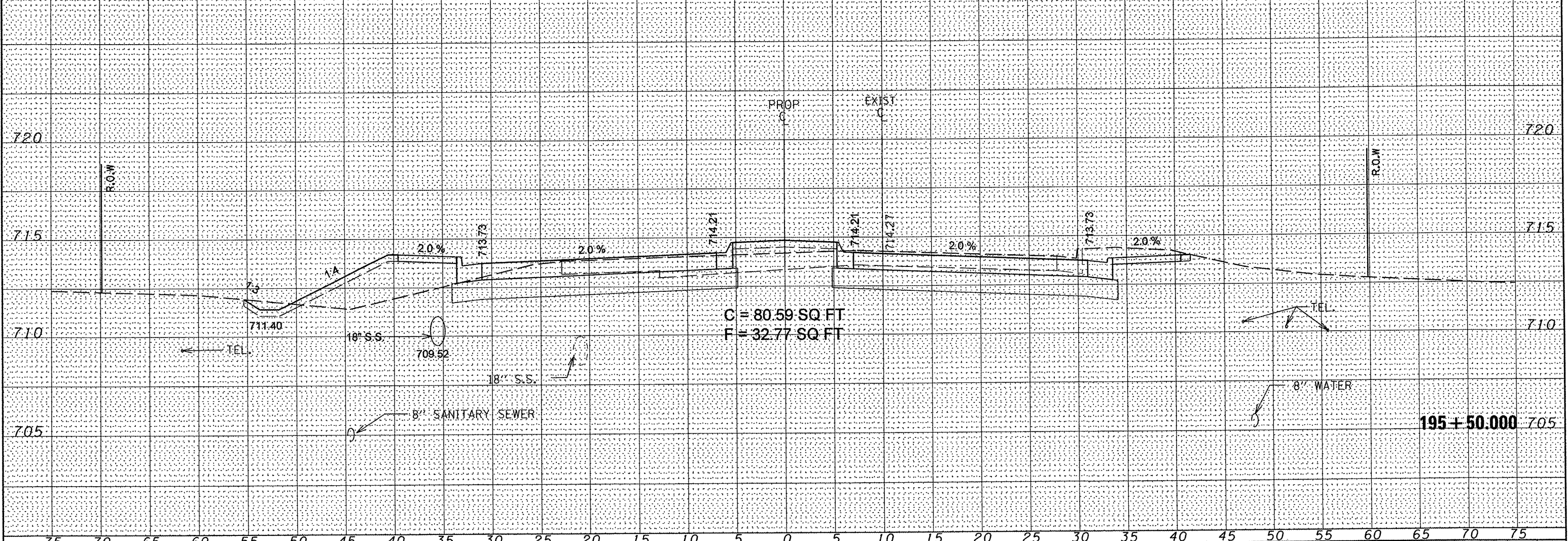
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| IL ROUTE 8 MAINLINE CROSS SECTIONS | | |
| SCALE: | SHEET NO. 2 OF 21 SHEETS | STA. 194+60.000 TO STA. 195+00.000 |

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|---------------------------|----------------|----------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 164 |
| | | | CONTRACT NO. 89352 | |
| ILLINOIS FED. AID PROJECT | | | | |

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



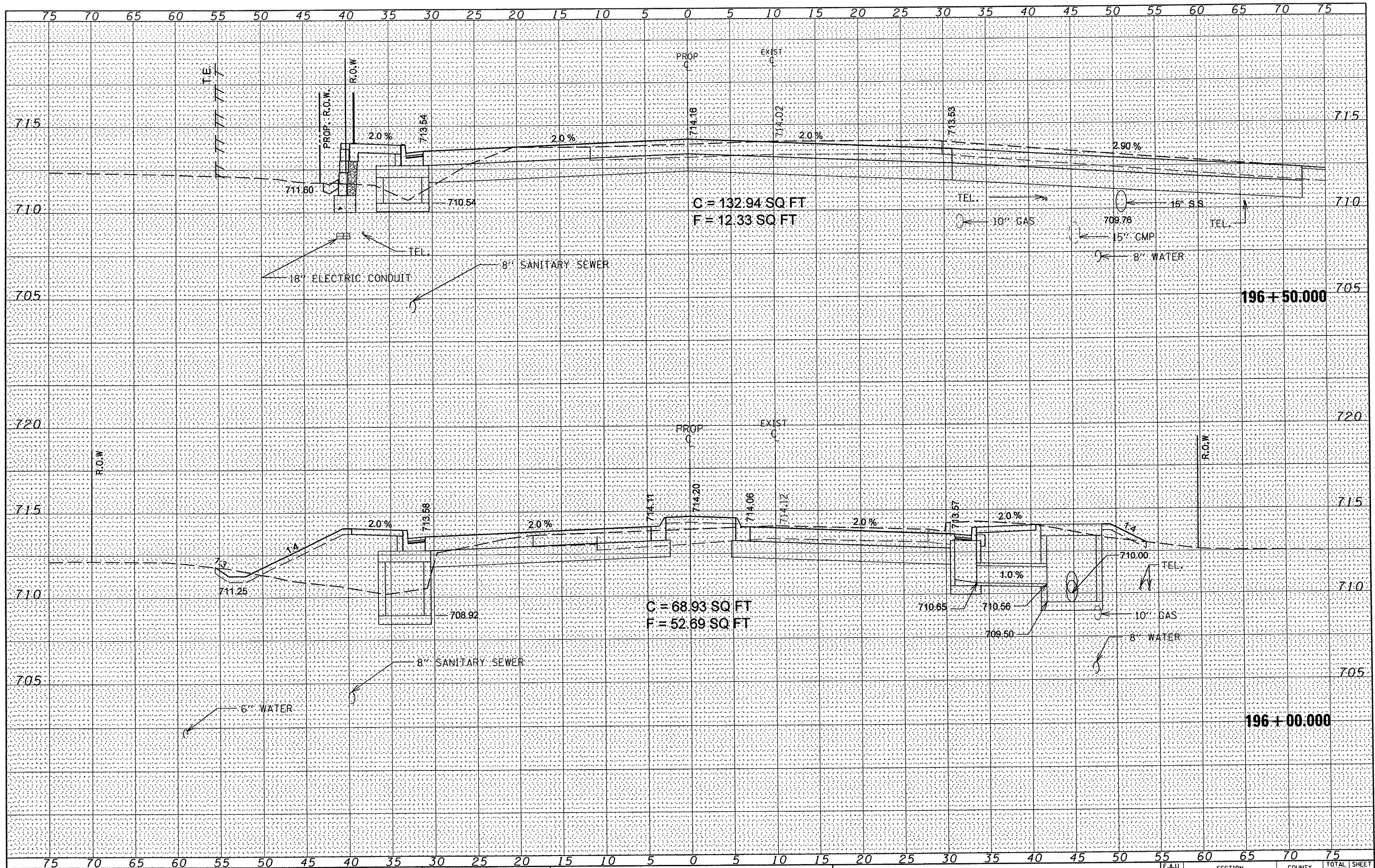
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| DATE | |
| BY | |
| SURVEYED | |
| PLOTTED | |
| TEMPLATE | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |



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|-----------------------|--------------------|------------|-----------|---|---|--------------------------|------------------------------------|---------|----------------|--------------|-----------|-----|
| FILE NAME = | USER NAME = *USER* | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL ROUTE 8 MAINLINE CROSS SECTIONS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| *FILE# | | DRAWN - | REVISED - | | SCALE: | SHEET NO. 3 OF 21 SHEETS | STA. 195+50.000 TO STA. 195+82.552 | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 165 |
| PLLOT SCALE = *SCALE* | | CHECKED - | REVISED - | | CONTRACT NO. 89352 | | | | | | | |
| PLLOT DATE = *DATE* | | DATE | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

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

| | |
|-----------------|--|
| DATE | |
| BY | |
| ORIGINAL SURVEY | |
| SURVEY PLOTTED | |
| NOTE BOOK | |
| NO. | |



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| FILE NAME | |
| #FILE# | |

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| USER NAME * USER# | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

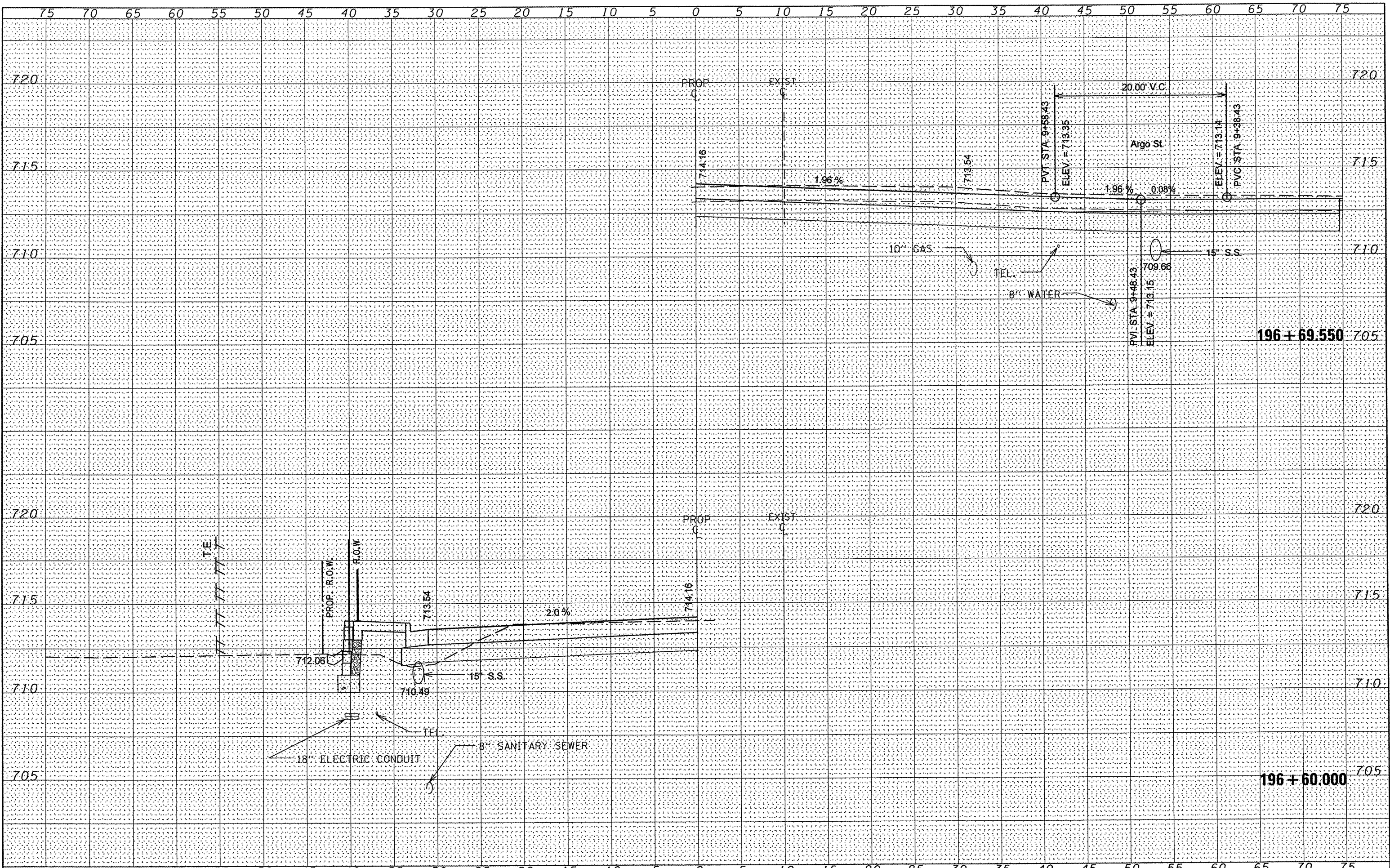
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| SCALE: | SHEET NO. 4 OF 21 SHEETS | STA. 196+00.000 TO STA. 196+50.000 |
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**IL ROUTE 8
MAINLINE CROSS SECTIONS**

| | | | | |
|---------------------------|----------------|----------|--------------------|-----------|
| PAU RTEL. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 166 |
| | | | CONTRACT NO. 89352 | |
| ILLINOIS FED. AID PROJECT | | | | |

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

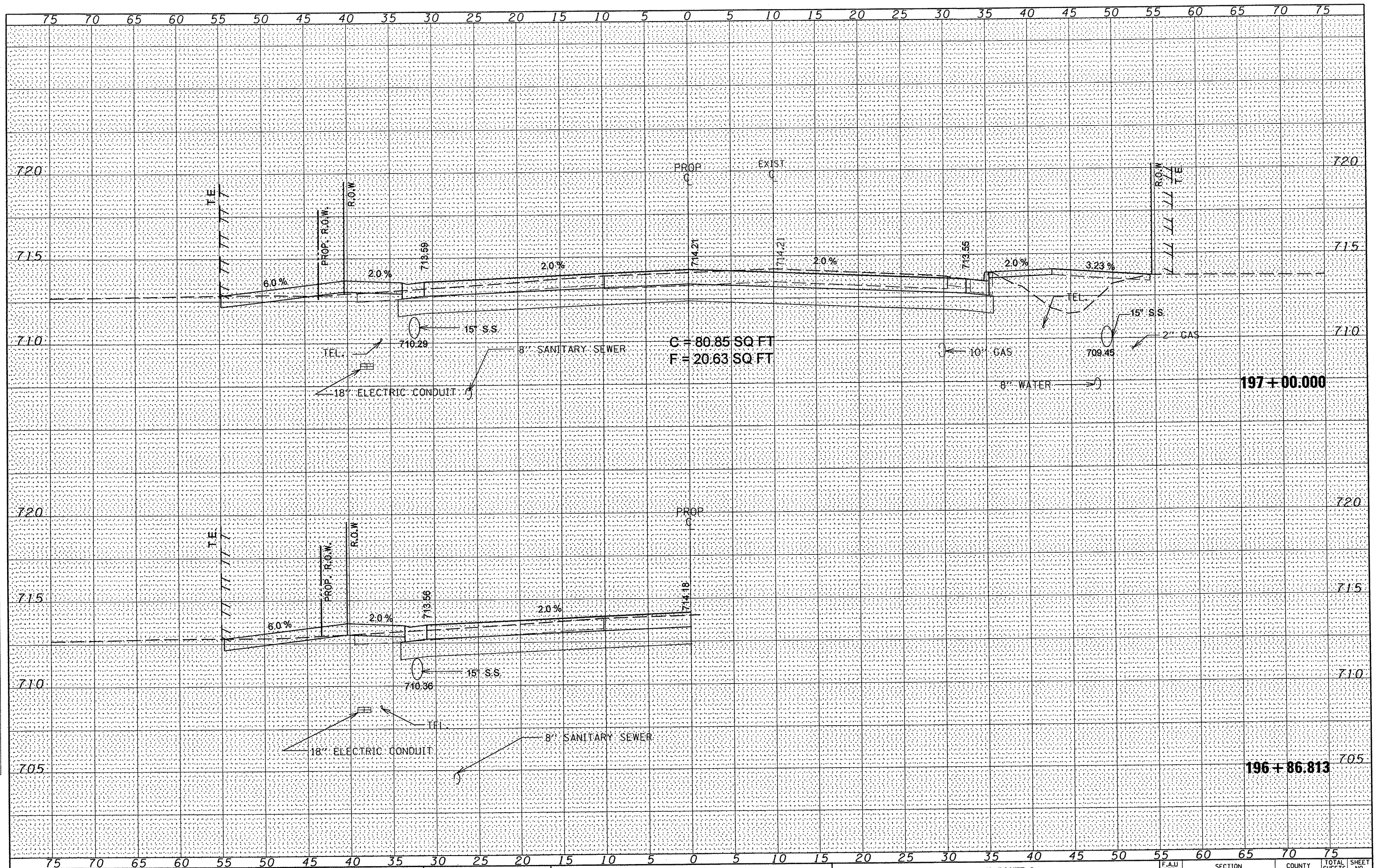
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| DATE | |
| BY | |
| ORIGINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| NO. | TEMPLATE |
| | AREAS CHECKED |
| | AREAS CHECKED |



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|----------------------|--------------------|------------|-----------|---|--|----------------|--------------------|---------|---------------------------|--------------|-----------|
| FILE NAME | USER NAME = #USER# | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL ROUTE 8 MAINLINE CROSS SECTIONS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| #FILE# | | DRAWN - | REVISED - | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 167 | | |
| PLOT SCALE = #SCALE# | | CHECKED - | REVISED - | | SCALE: SHEET NO. 5 OF 21 SHEETS STA. 196+60.000 TO STA. 196+69.550 | | CONTRACT NO. 89352 | | ILLINOIS FED. AID PROJECT | | |
| PLOT DATE = #DATE# | | DATE - | REVISED - | | | | | | | | |

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

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



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 8
MAINLINE CROSS SECTIONS**

FILE NAME =
#FILE#

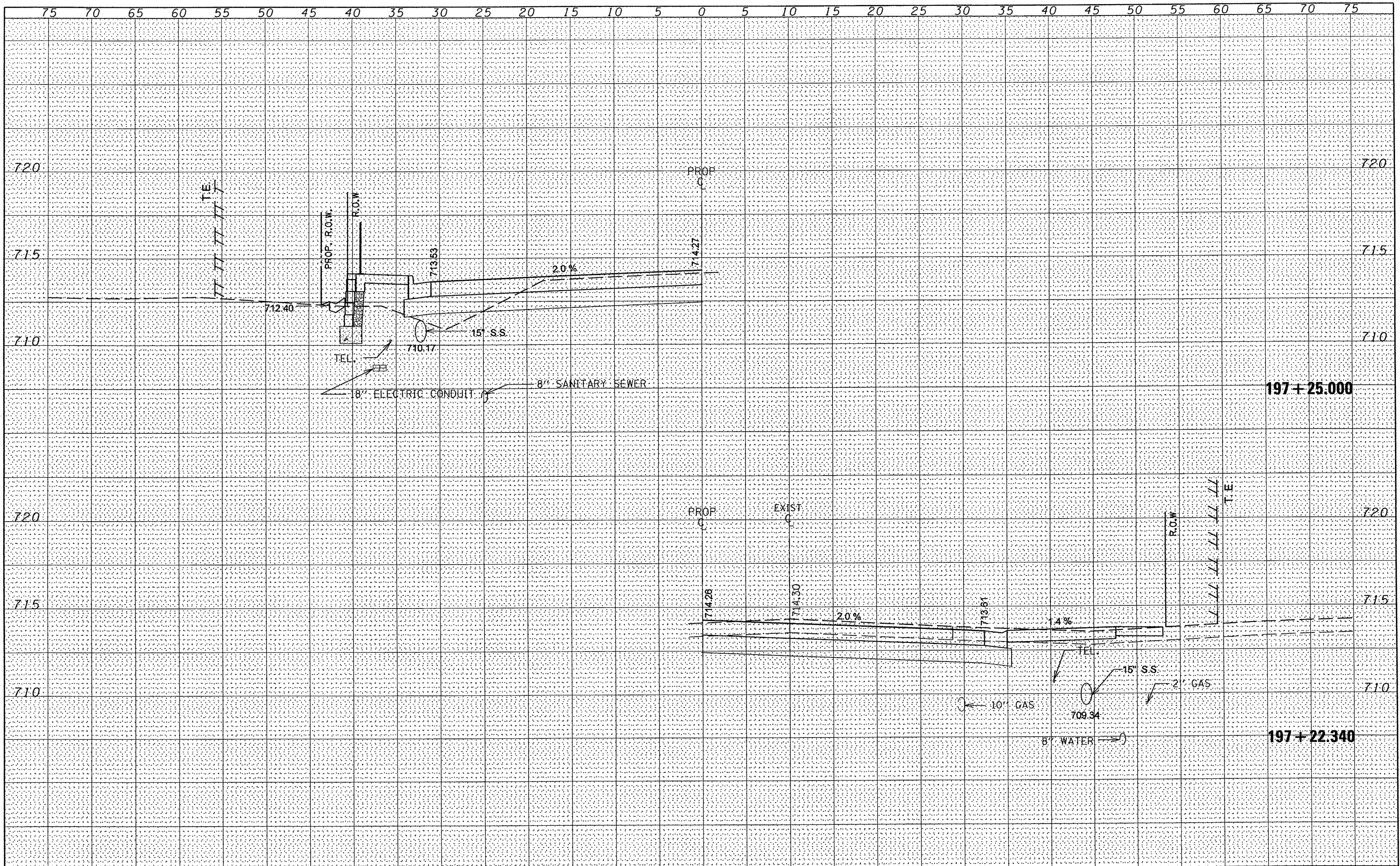
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| | DRAWN - | REVISED - |
| PLOT SCALE = *SCALE* | CHECKED - | REVISED - |
| PLOT DATE = *DATE* | DATE - | REVISED - |

SCALE: SHEET NO. 6 OF 21 SHEETS STA. 196+86.813 TO STA. 197+00.000

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|----------|---------------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 168 |
| CONTRACT NO. 89352 | | | ILLINOIS FED. AID PROJECT | |

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

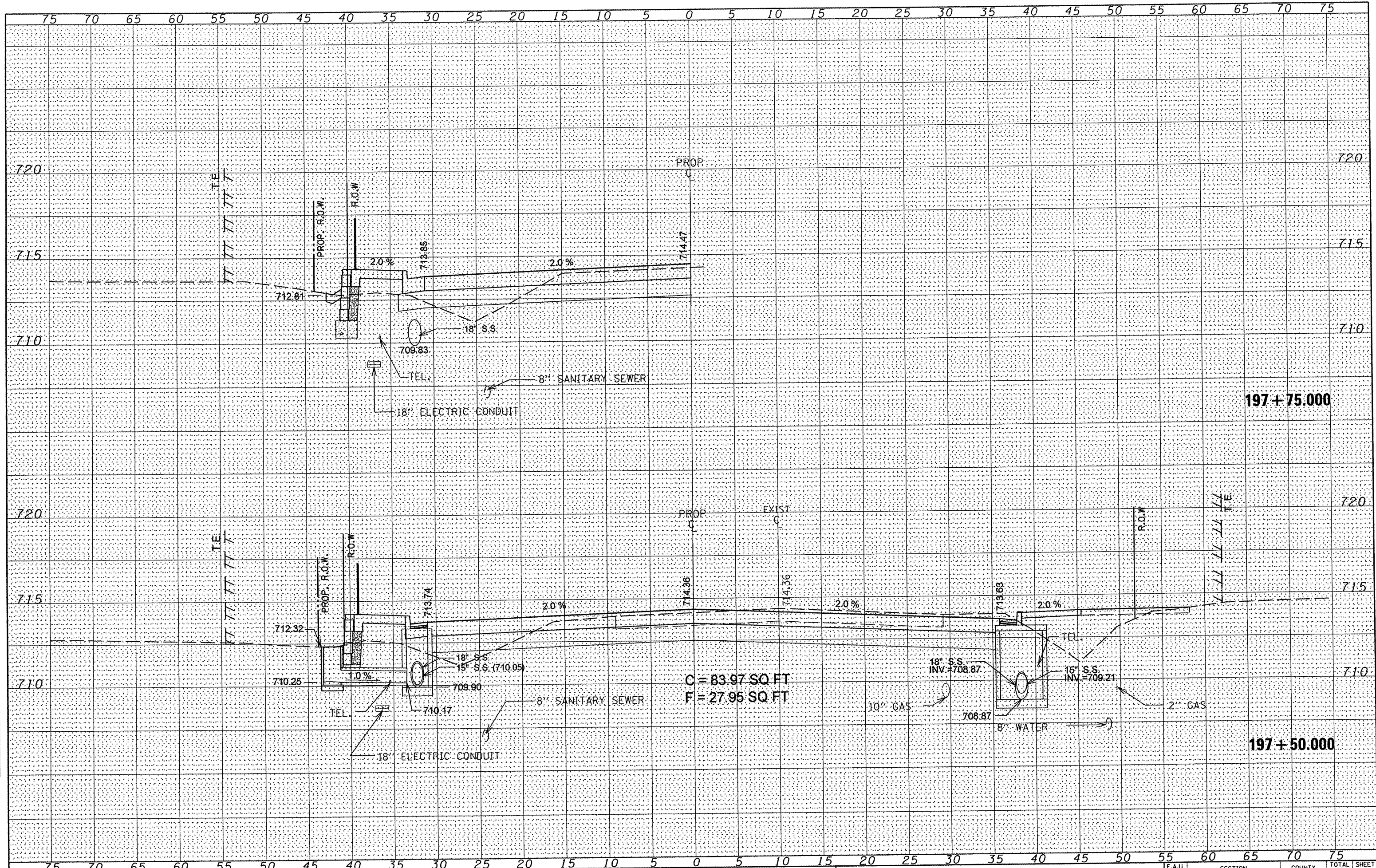
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|-----------------|----------|
| DATE | |
| BY | |
| ORIGINAL SURVEY | SURVEYED |
| NOTE BOOK | PLOTTED |
| NO. | TEMPLATE |
| | AREAS |
| | CHECKED |



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|-------------|----------------------|------------|-----------|---|--|----------------|----------|--------------------|---------|--------|--------------|-----------|
| FILE NAME = | USER NAME = #USER# | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL ROUTE 8 MAINLINE CROSS SECTIONS | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| #FILE# | | DRAWN - | REVISED - | | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 169 | | | |
| | PLOT SCALE = #SCALE# | CHECKED - | REVISED - | | SCALE: SHEET NO. 7 OF 21 SHEETS STA. 197+22.340 TO STA. 197+25.000 | | | CONTRACT NO. 89352 | | | | |
| | PLOT DATE = #DATE# | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

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

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



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|-----------|--|
| FILE NAME | |
| #FILES | |

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

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

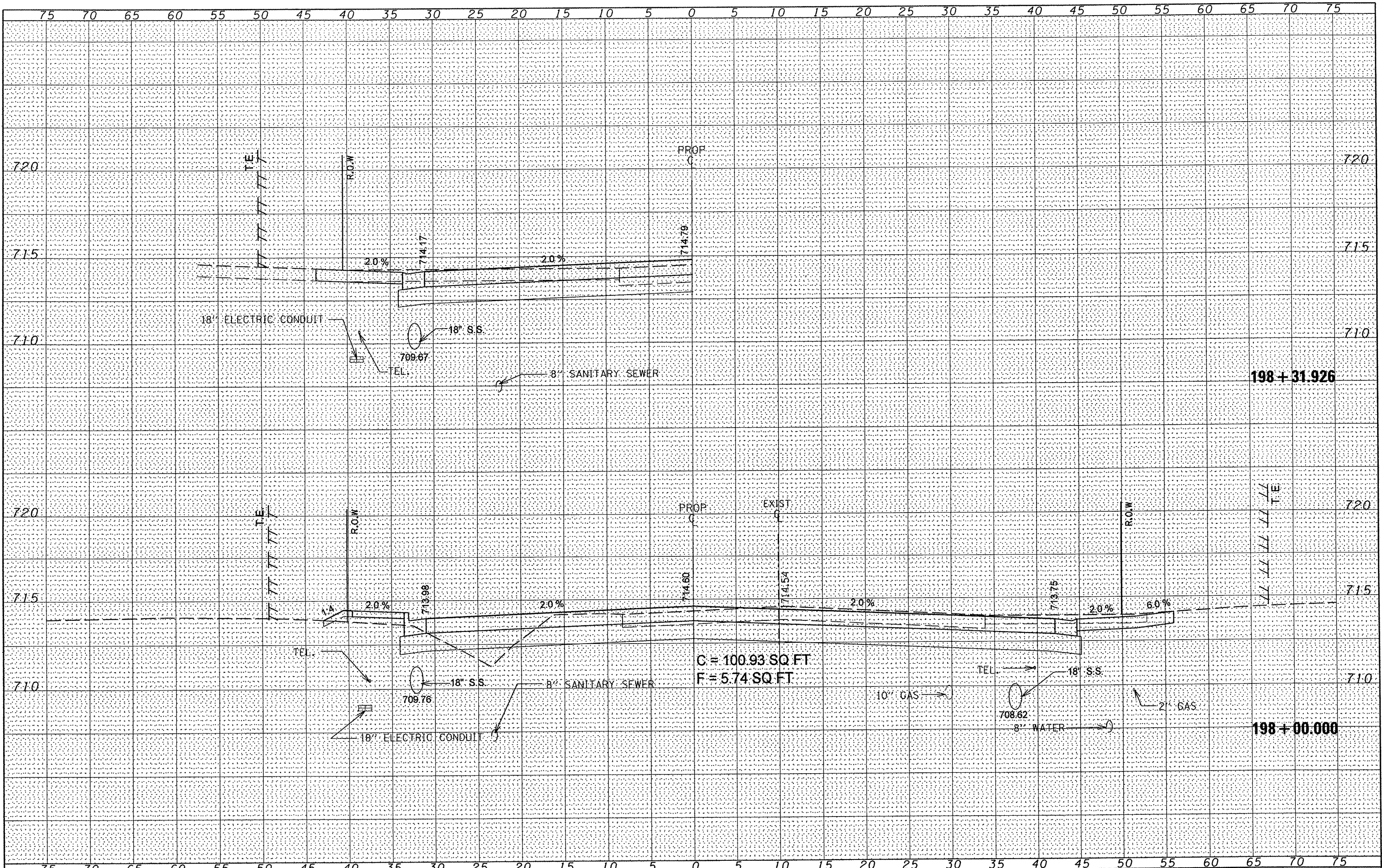
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|---|---|
| IL ROUTE 8 MAINLINE CROSS SECTIONS | |
| SCALE: | SHEET NO. 8 OF 21 SHEETS STA. 197+50.000 TO STA. 197+75.000 |

| | | | | |
|--------------------|----------------|----------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 170 |
| CONTRACT NO. 89352 | | | ILLINOIS FED. AID PROJECT | |

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

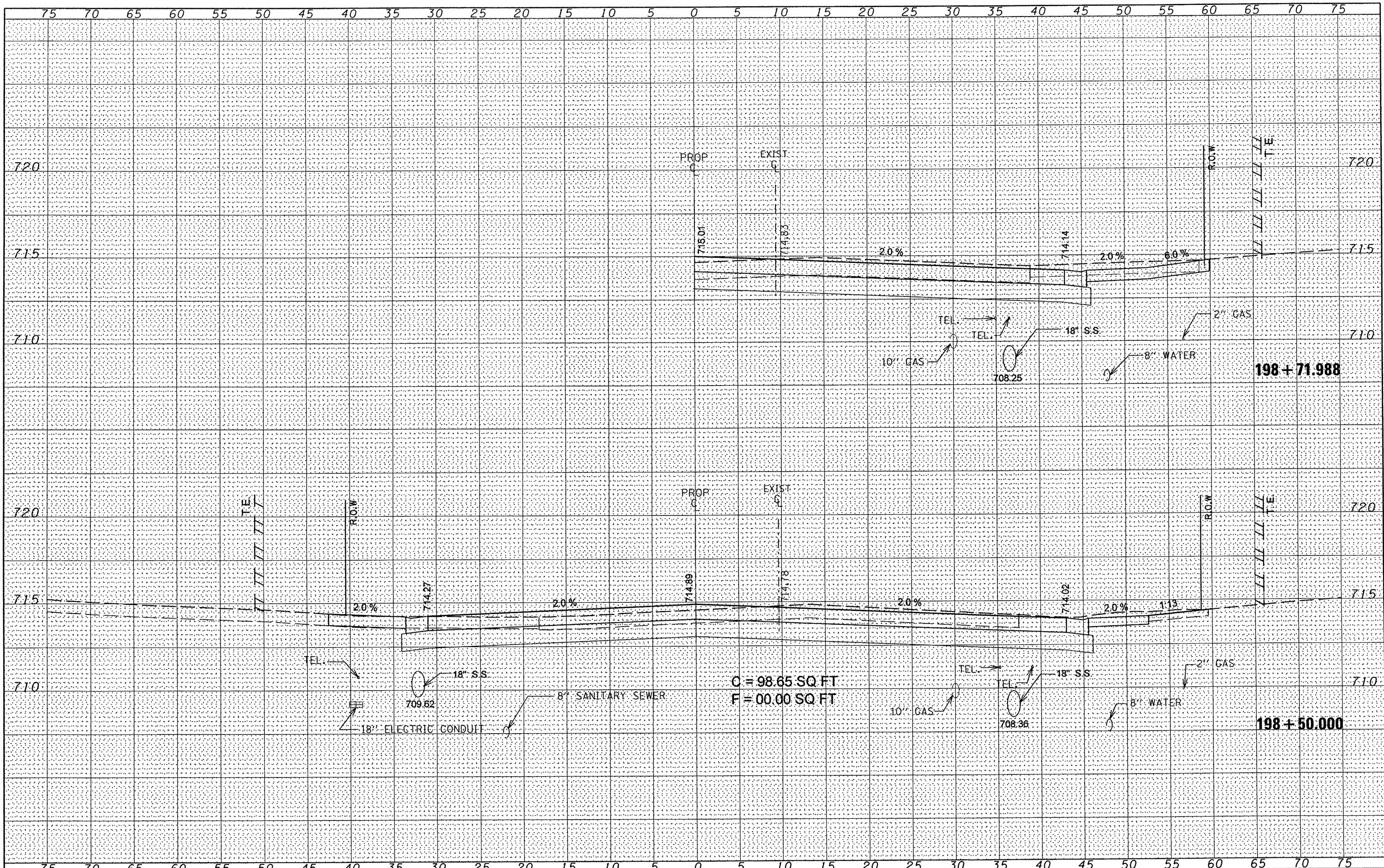
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
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|-------------|--------------------|------------|-----------|---|---|--------------------------|------------------------------------|---------|----------------|--------------|-----------|-----|
| FILE NAME = | USER NAME = *USER* | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL ROUTE 8 MAINLINE CROSS SECTIONS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| *FILEL# | | DRAWN - | REVISED - | | SCALE: | SHEET NO. 9 OF 21 SHEETS | STA. 198+00.000 TO STA. 198+31.926 | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 171 |
| | | CHECKED - | REVISED - | | CONTRACT NO. 89352 | | | | | | | |
| | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

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| FILE NAME = | USER NAME = #USER# | DESIGNED - | REVISED - |
| #FILE# | | DRAWN - | REVISED - |
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| PLOT SCALE = #SCALE# | |
| PLOT DATE = #DATE# | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

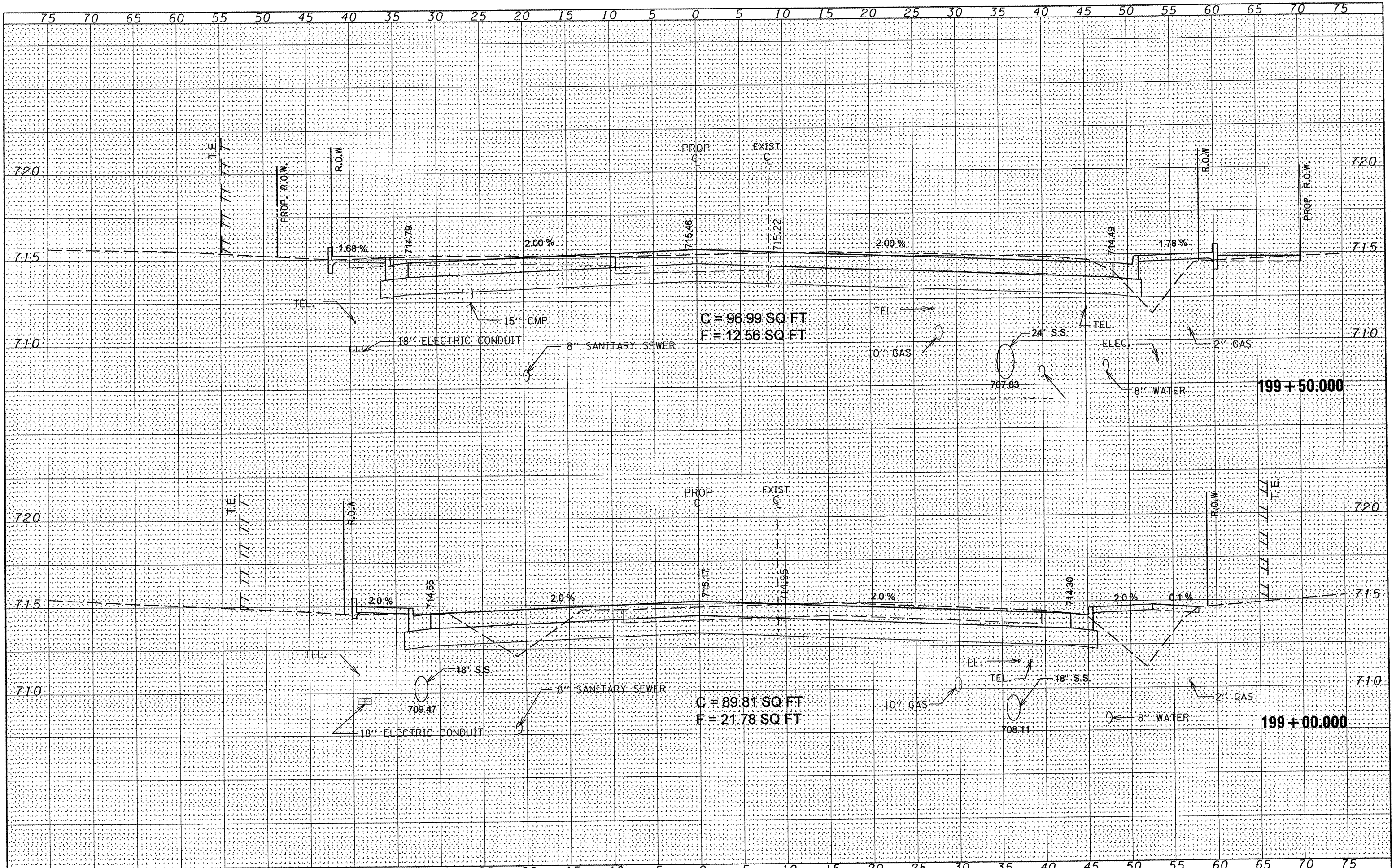
**IL ROUTE 8
MAINLINE CROSS SECTIONS**

SCALE: SHEET NO. 10 OF 21 SHEETS STA. 198+50.000 TO STA. 198+71.988

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|---------------------------|----------------|----------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 172 |
| | | | CONTRACT NO. 89352 | |
| ILLINOIS FED. AID PROJECT | | | | |

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| SURVEYED | |
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| NOTE BOOK | |
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| BY | DATE |
| SURVEYED | |
| PLOTTED | |
| NOTE BOOK | |
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| FILE NAME = | USER NAME = #USER* | DESIGNED - | REVISED - |
| #FILEL* | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
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| PLOT SCALE = #SCALE* | |
| PLOT DATE = #DATE* | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

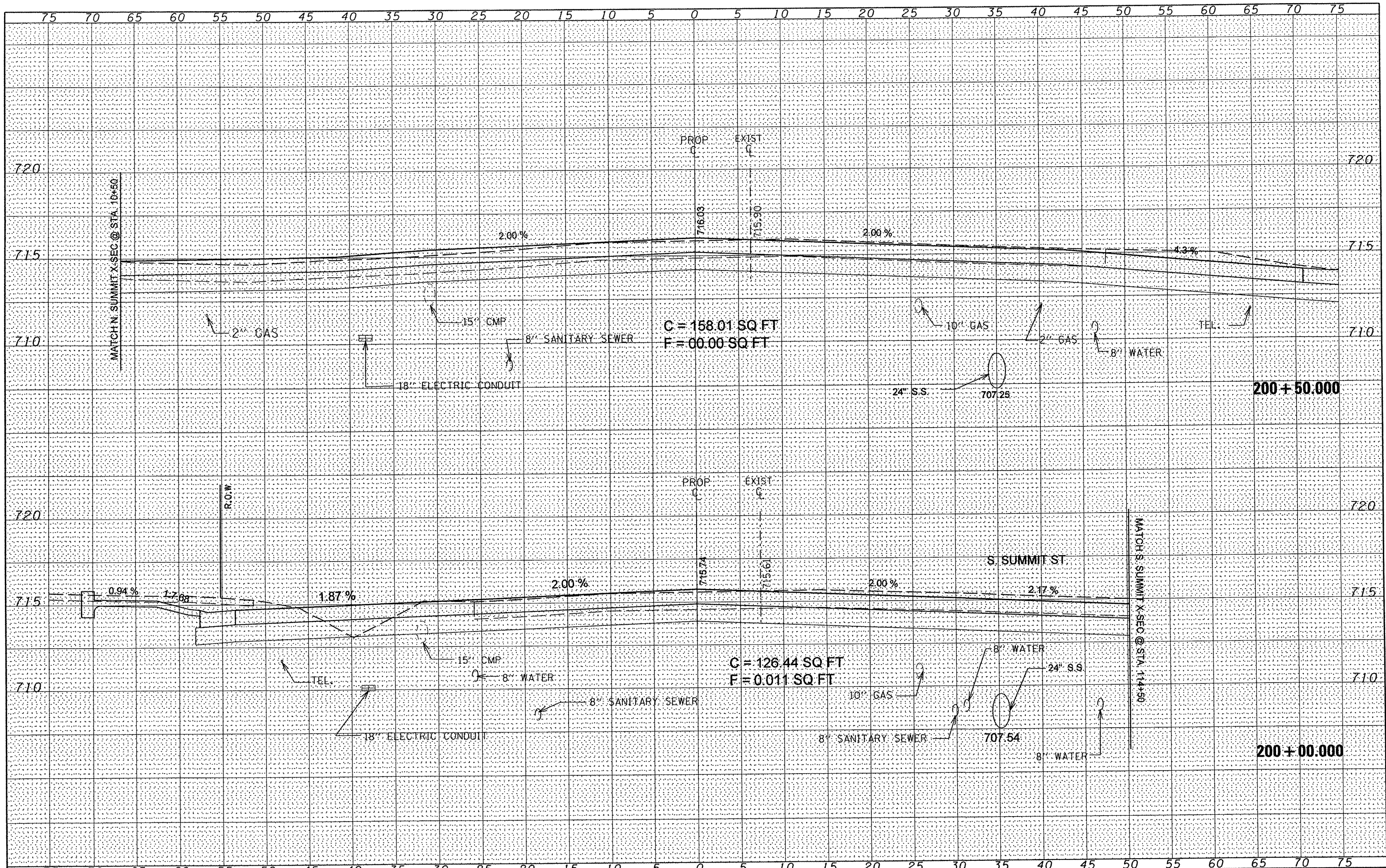
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| SCALE: | | SHEET NO. 11 OF 21 SHEETS | STA. 199+00.000 TO STA. 199+50.000 |
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**IL ROUTE 8
MAINLINE CROSS SECTIONS**

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|---------------------------|----------------|----------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 173 |
| | | | | CONTRACT NO. 89352 |
| ILLINOIS FED. AID PROJECT | | | | |

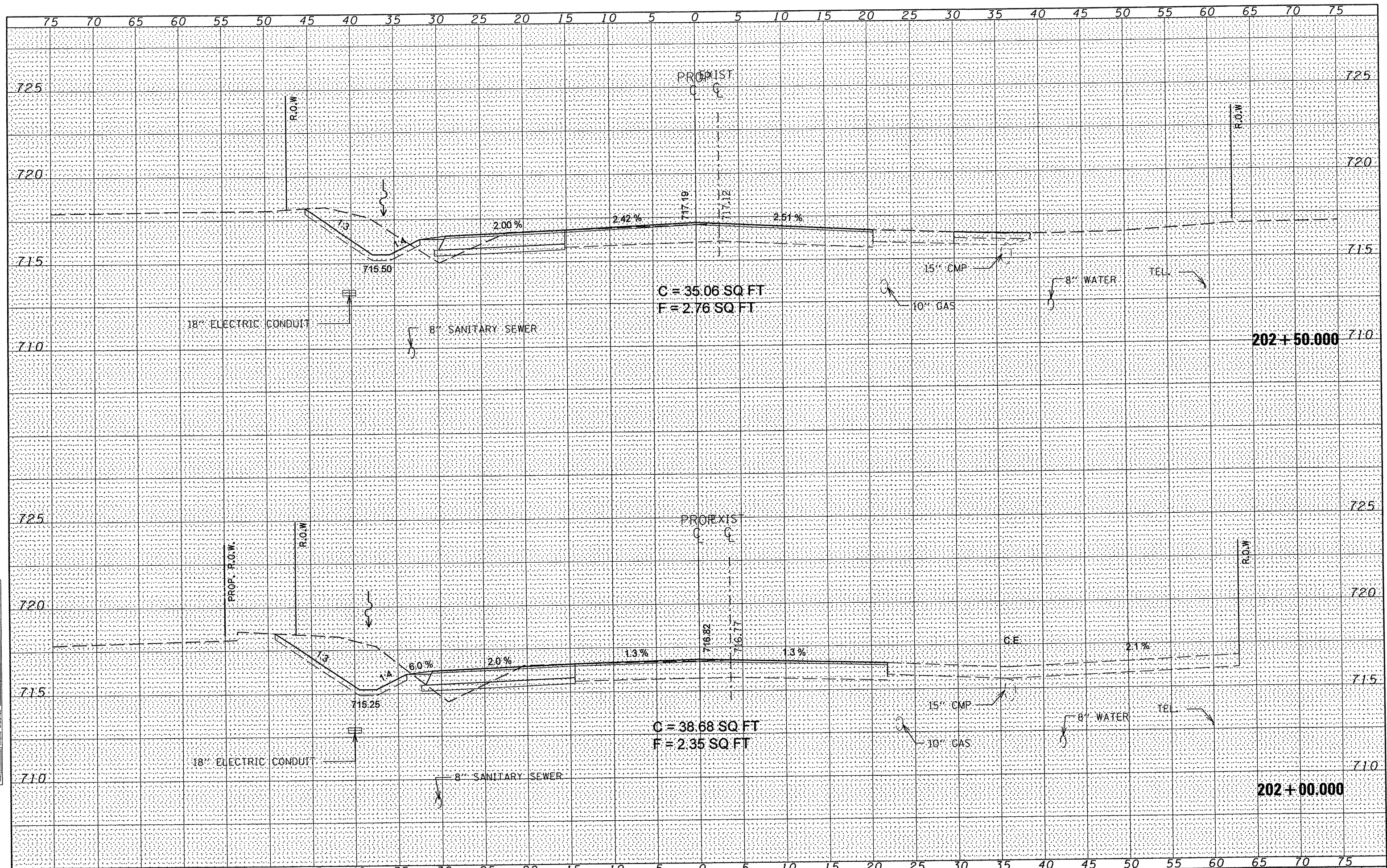
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| PLOTTED | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

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| BY | DATE |
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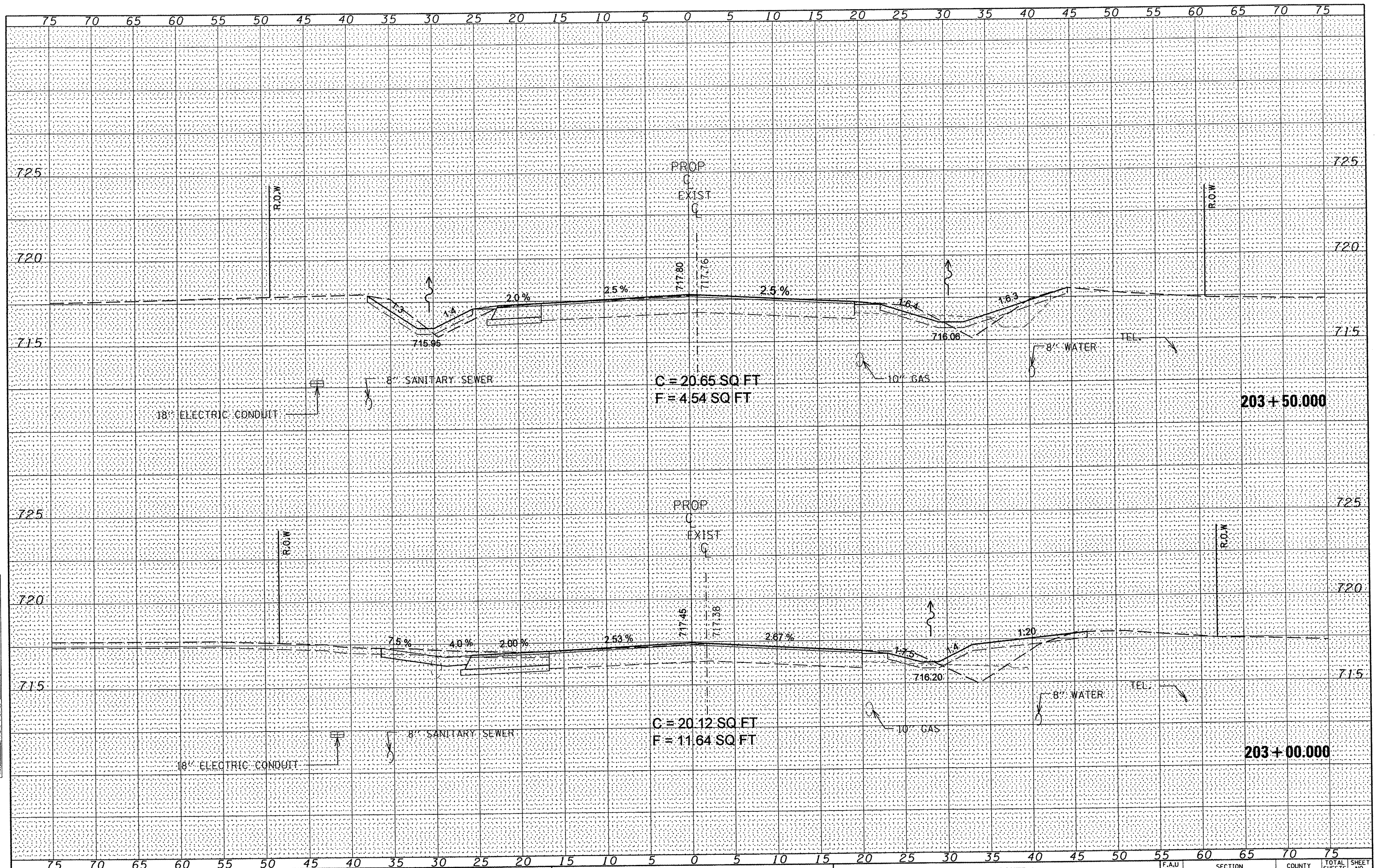
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| BY | DATE |
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| FILE NAME = | USER NAME = #USER# | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL ROUTE 8 | | F.A.U. RTE. 6775 | SECTION 04-00141-00-FP | COUNTY TAZEWELL | TOTAL SHEETS 187 | SHEET NO. 176 | | | |
| *FILEL# | | DRAWN - | REVISED - | | MAINLINE CROSS SECTIONS | | | | | | | | | |
| PLOT SCALE = #SCALE# | | CHECKED - | REVISED - | | SCALE: | SHEET NO. 14 OF 21 SHEETS | | | | | | STA. 202+00.000 TO STA. 202+50.000 | CONTRACT NO. 89352 | |
| PLOT DATE = #DATE# | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | | | |

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| PLOT SCALE = *SCALE* | DRAWN - | REVISED - |
| PLOT DATE = *DATE* | CHECKED - | REVISED - |
| | DATE - | REVISED - |

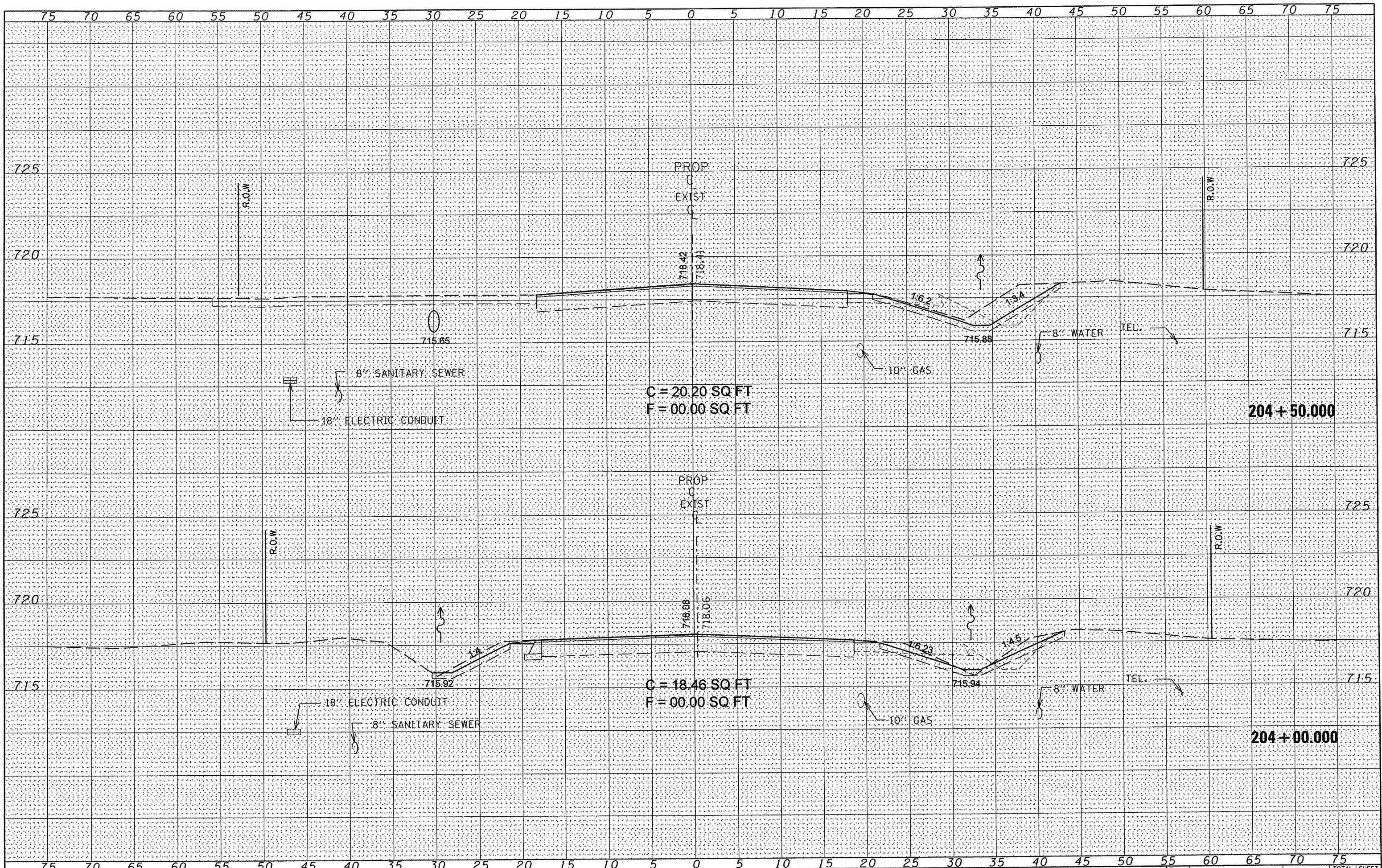
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 8
 MAINLINE CROSS SECTIONS
 SCALE: SHEET NO. 15 OF 21 SHEETS STA. 203+00.000 TO STA. 203+50.000

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|----------|--------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 177 |
| CONTRACT NO. 89352 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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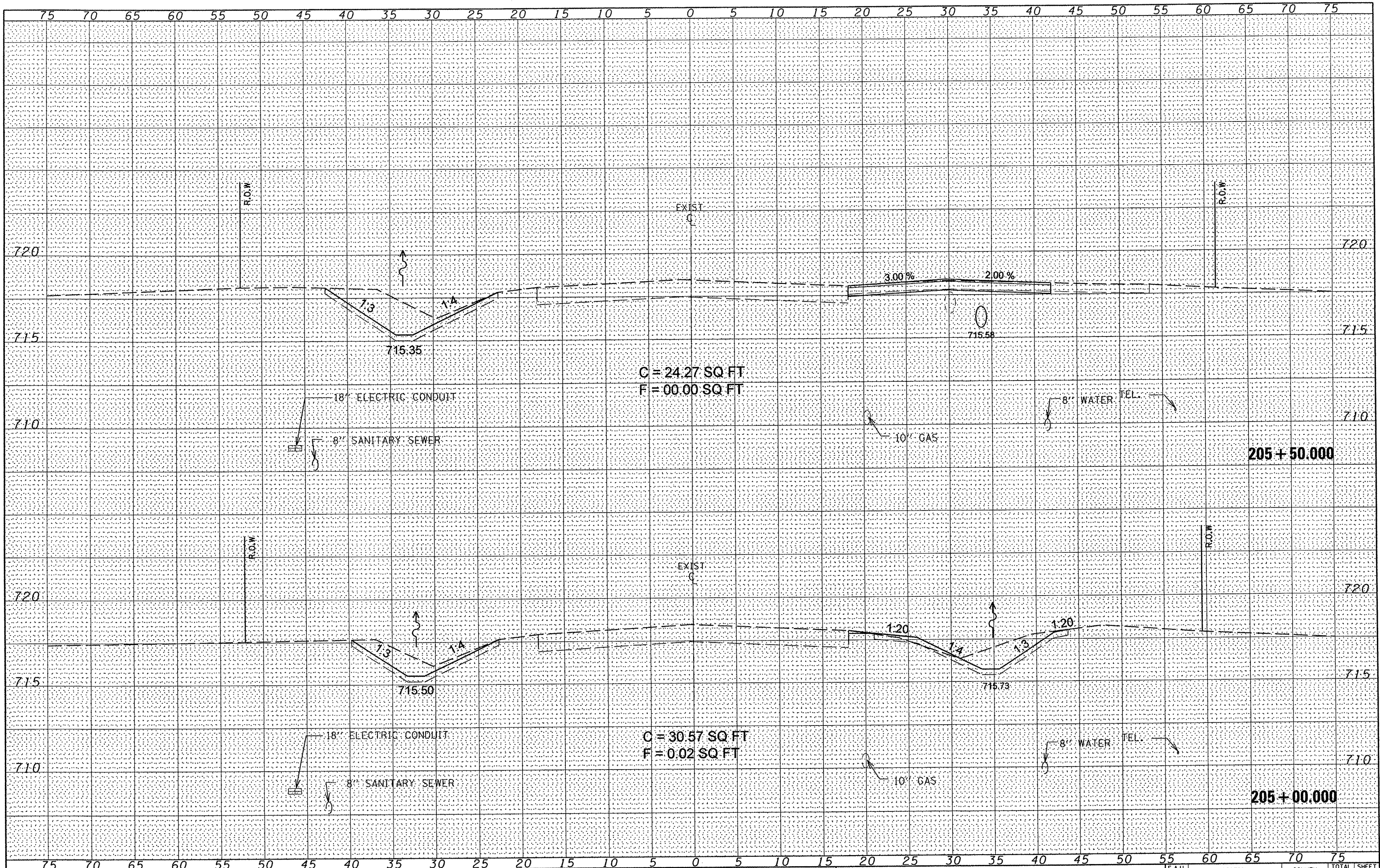
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| FILE NAME = | USER NAME = #USER* | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL ROUTE 8 MAINLINE CROSS SECTIONS | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| #FILE# | | DRAWN - | REVISED - | | SCALE: | SHEET NO. 16 OF 21 SHEETS | STA. 204+00.000 TO STA. 204+50.000 | 6775 | 04-00141-00-FP | TAZEWELL | 187 | 178 |
| PLOT SCALE = #SCALE* | | CHECKED - | REVISED - | | | | | | | | CONTRACT NO. 89352 | |
| PLOT DATE = #DATE* | | DATE - | REVISED - | | | | | | | | ILLINOIS FED. AID PROJECT | |

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| AREAS CHECKED | |

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| ORIGINAL SURVEY | |
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

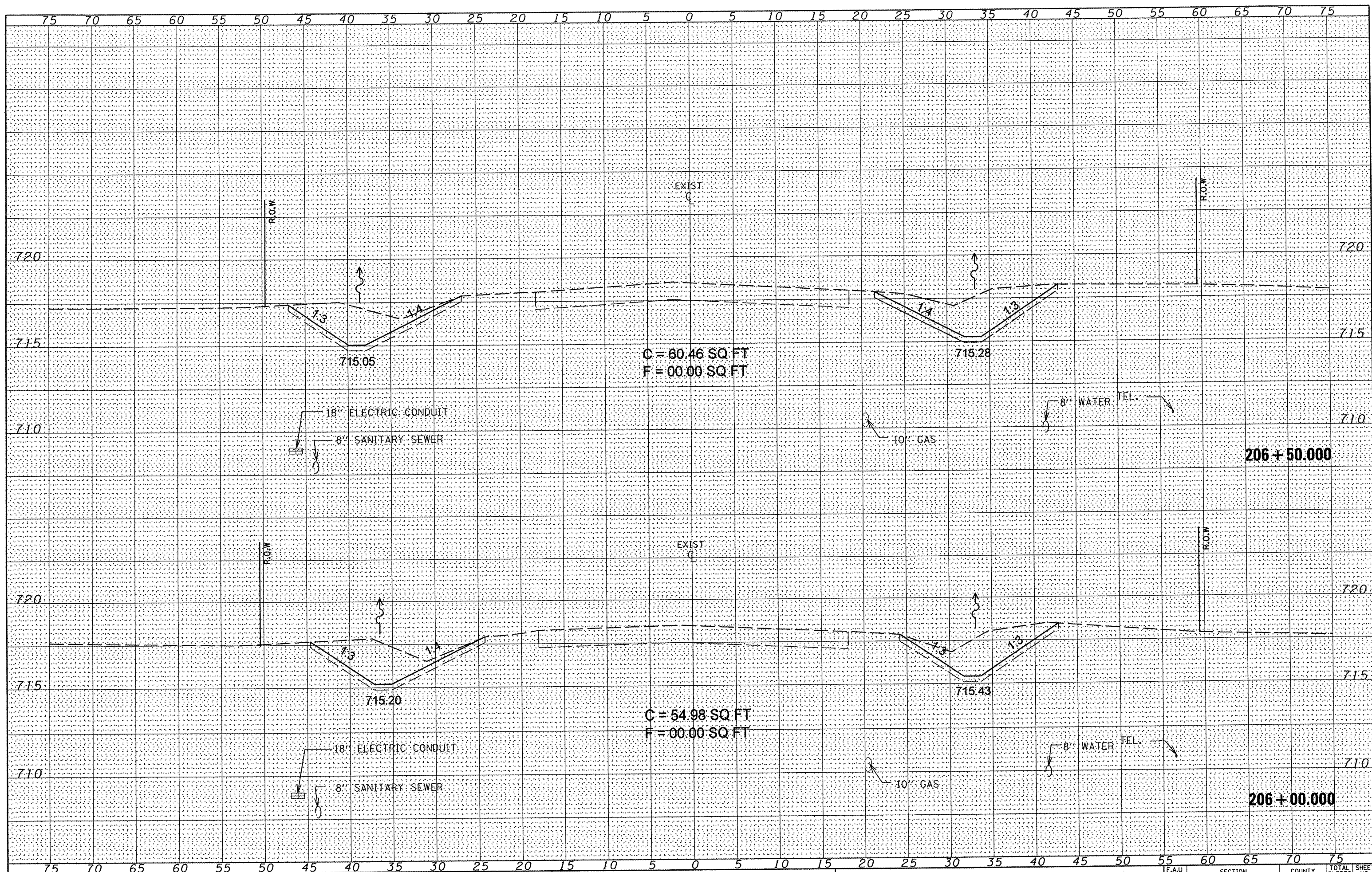
**IL ROUTE 8
MAINLINE CROSS SECTIONS**

SCALE: SHEET NO. 17 OF 21 SHEETS STA. 205+00.000 TO STA. 205+50.000

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|---------------------------|---------------------------|--------------------|---------------------|------------------|
| F.A.U. RTE. 6775 | SECTION 04-00141-00-PP | COUNTY TAZEWELL | TOTAL SHEETS 187 | SHEET NO. 179 |
| CONTRACT NO. 89352 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| PLOT DATE = #DATE# | DATE - | REVISED - |

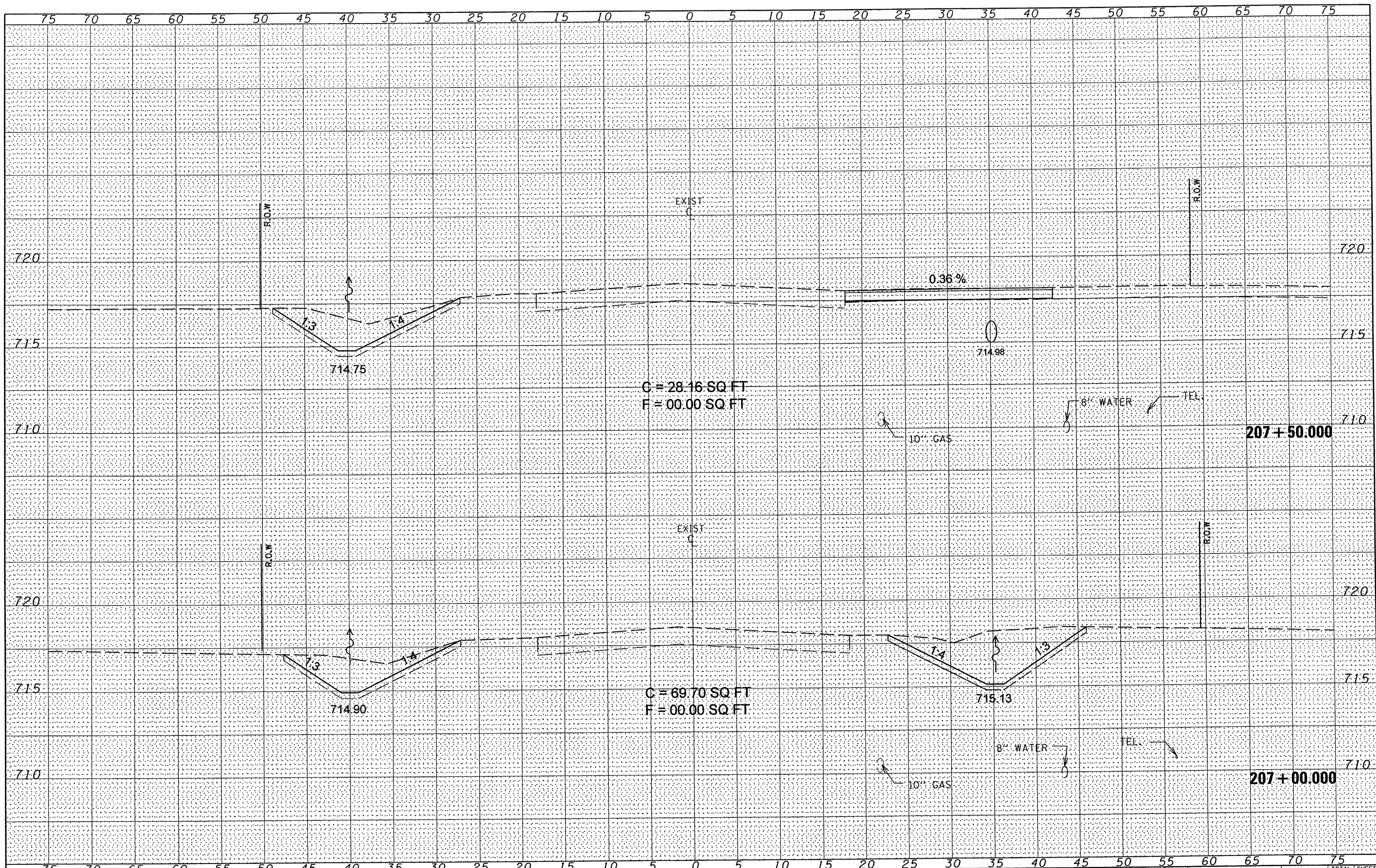
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 8
MAINLINE CROSS SECTIONS**
SCALE: SHEET NO. 18 OF 21 SHEETS STA. 206+00.000 TO STA. 206+50.000

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|----------|--------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 180 |
| | | | CONTRACT NO. 89352 | |
| ILLINOIS FED. AID PROJECT | | | | |

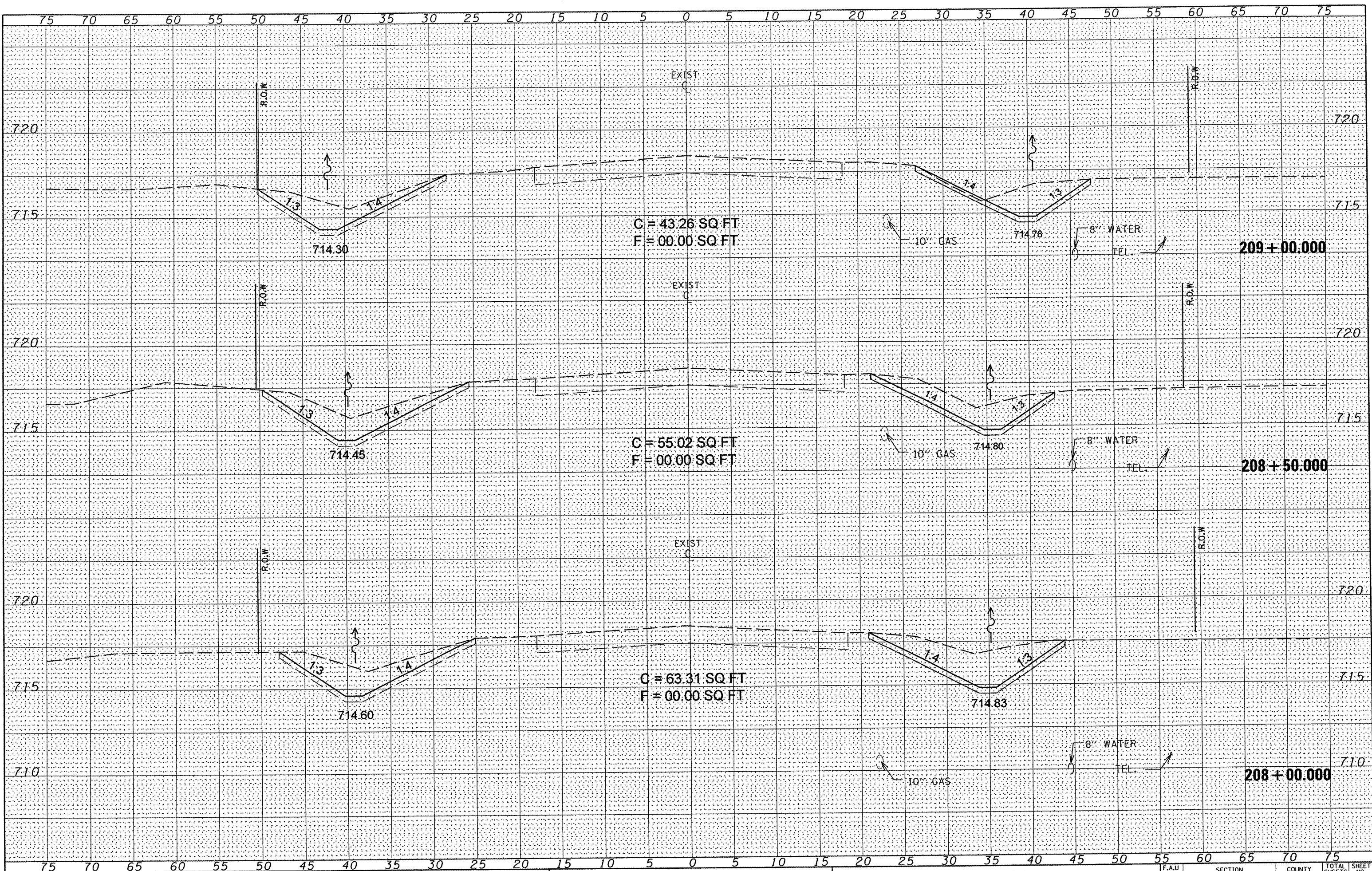
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| USER NAME *#USER* | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE *#SCALE* | CHECKED - | REVISED - |
| PLOT DATE *#DATE* | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

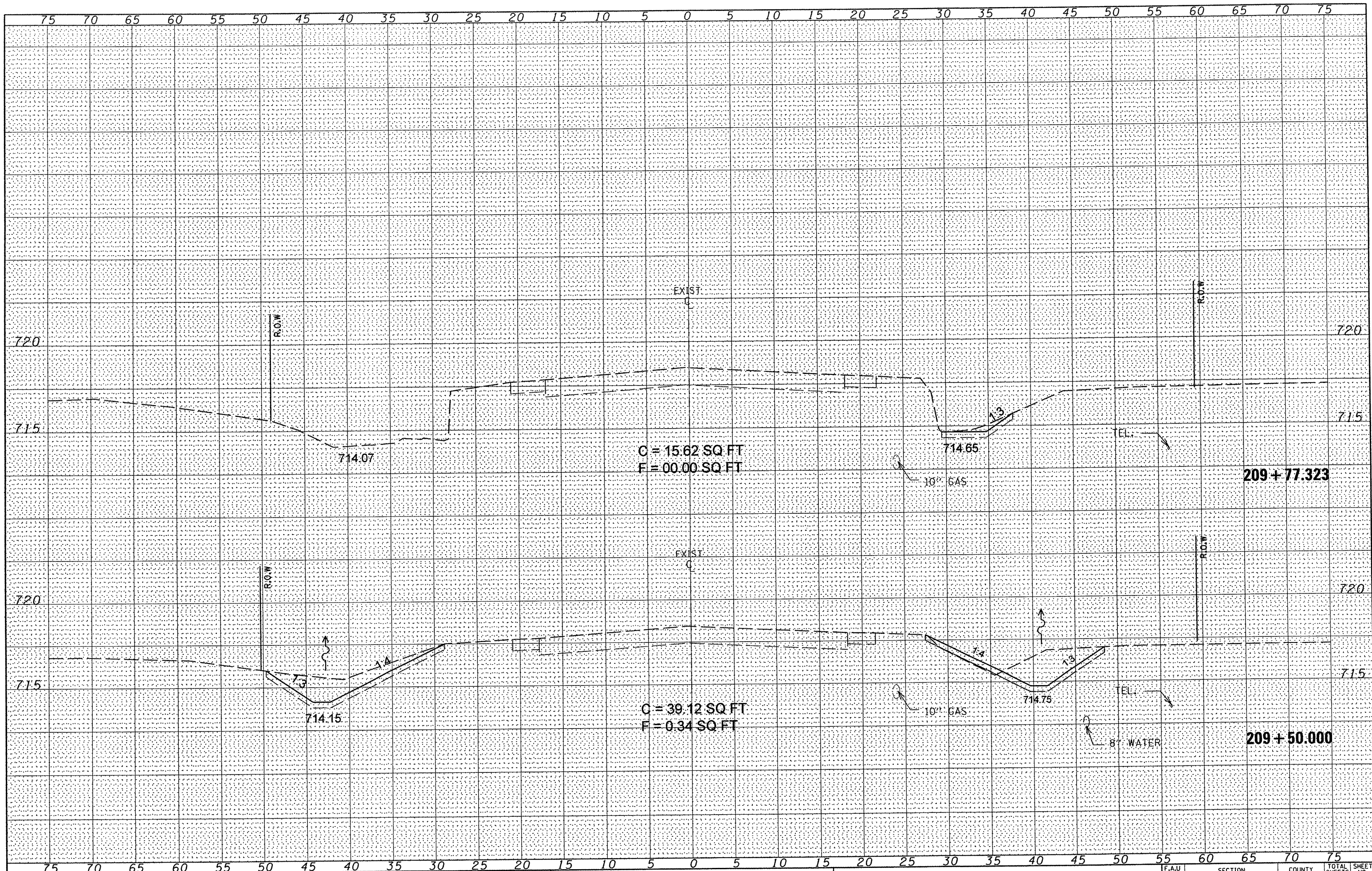
**IL ROUTE 8
MAINLINE CROSS SECTIONS**

SCALE: SHEET NO. 20 OF 21 SHEETS STA. 208+00.000 TO STA. 209+00.000

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|----------|---------------------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 182 |
| CONTRACT NO. 89352 | | | ILLINOIS FED. AID PROJECT | |

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| PLOTTED | |
| NOTE BOOK | |
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| PLOT SCALE = #SCALE# | CHECKED - | REVISED - |
| PLOT DATE = #DATE# | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

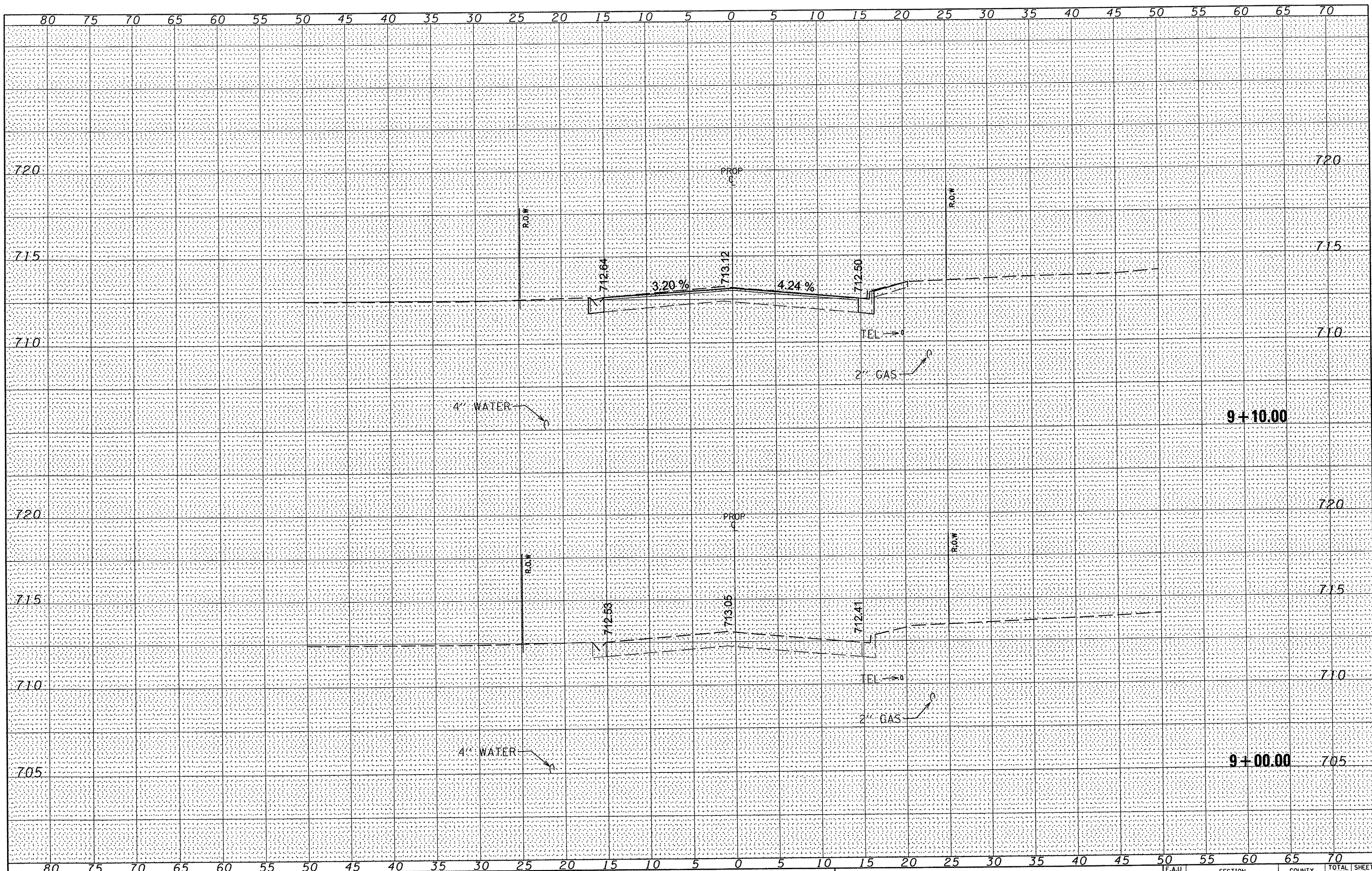
**IL ROUTE 8
MAINLINE CROSS SECTIONS**

SCALE: SHEET NO. 21 OF 21 SHEETS STA. 209+50.000 TO STA. 209+77.323

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|---------------------------|----------------|----------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 183 |
| | | | CONTRACT NO. 89352 | |
| ILLINOIS FED. AID PROJECT | | | | |

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| DATE | |
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| FINAL SURVEY | |
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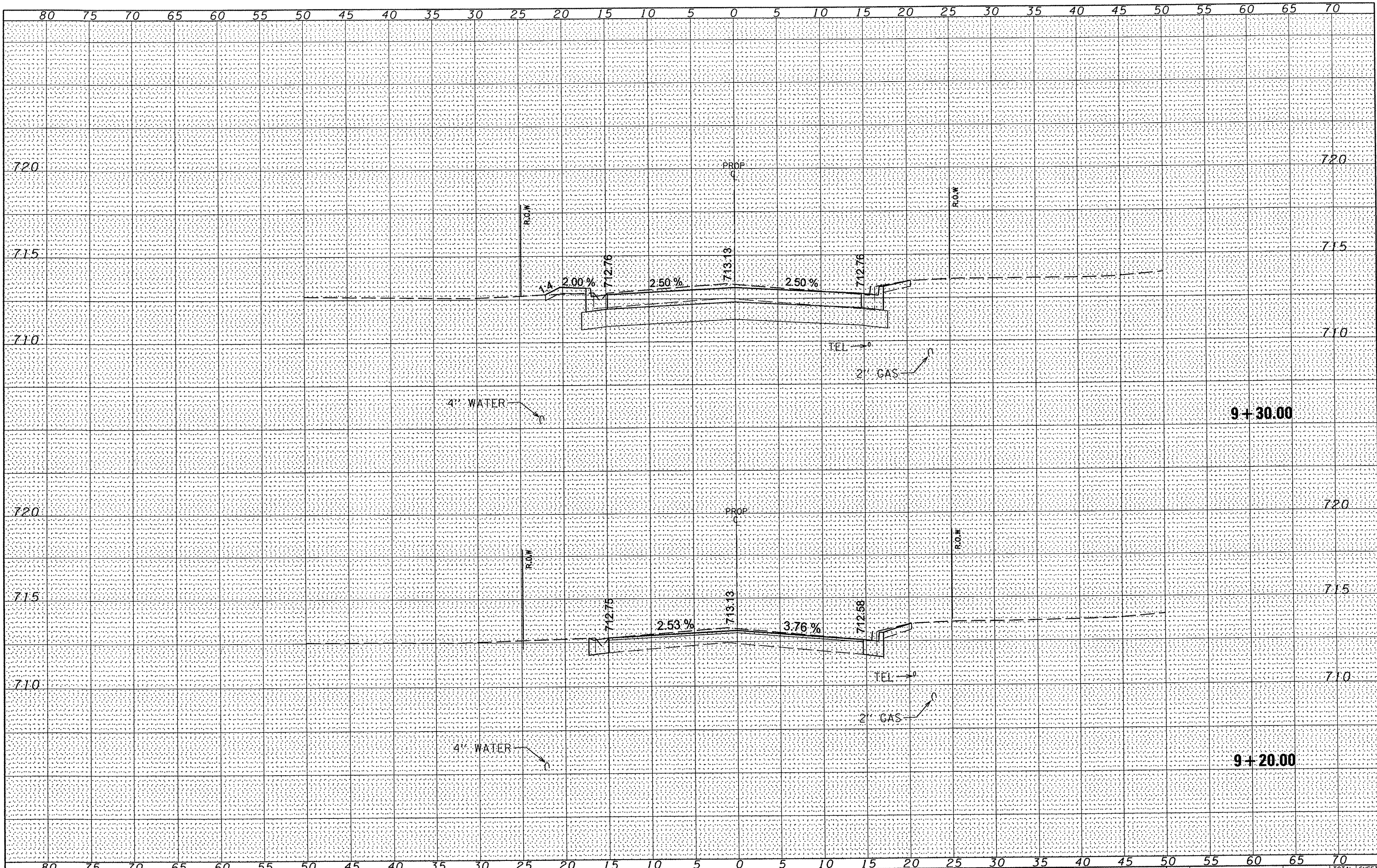
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARGO STREET
CROSS SECTIONS**
SCALE: SHEET NO. 1 OF 4 SHEETS STA. 9+00.043 TO STA. 9+10.043

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|---------------------------|----------------|----------|--------------------|-----------|
| F.A.U. RITE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 184 |
| | | | CONTRACT NO. 89352 | |
| ILLINOIS FED. AID PROJECT | | | | |

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| DATE | |
| BY | |
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| ORIGINAL SURVEY | |
| SURVEY | |
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| USER NAME = #USER# | DESIGNED - | REVISED - |
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| PLOT SCALE = #SCALE# | CHECKED - | REVISED - |
| PLOT DATE = #DATE# | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

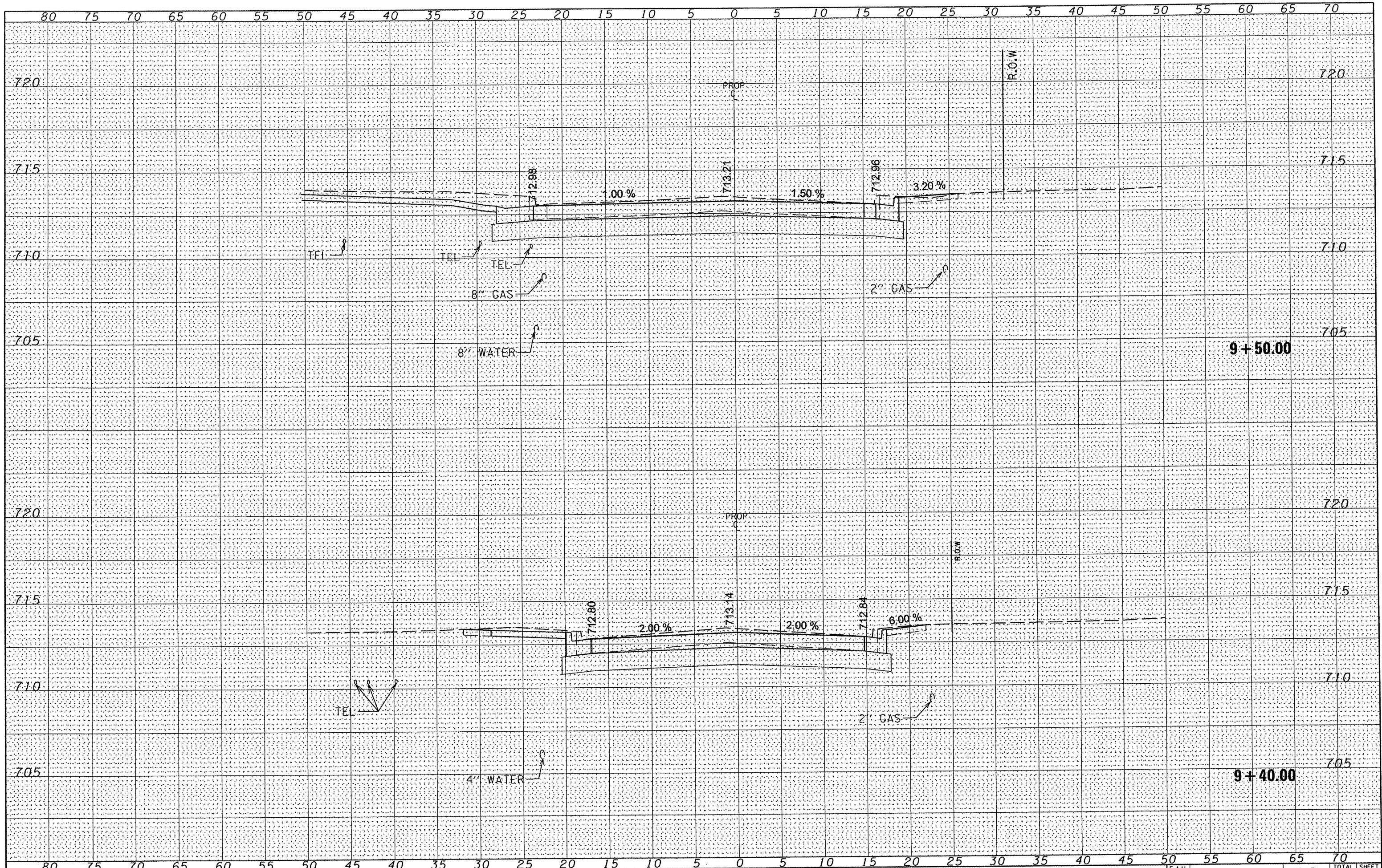
**ARGO STREET
CROSS SECTIONS**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. 9+20.043 TO STA. 9+30.043

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|----------|--------------|-----------|
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 185 |
| CONTRACT NO. 89352 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| DATE | |
| BY | |
| FINAL SURVEY | |
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FILE NAME = #FILE#

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| USER NAME = #USER# | DESIGNED - | REVISED - |
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| PLOT SCALE = #SCALE# | CHECKED - | REVISED - |
| PLOT DATE = #DATE# | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

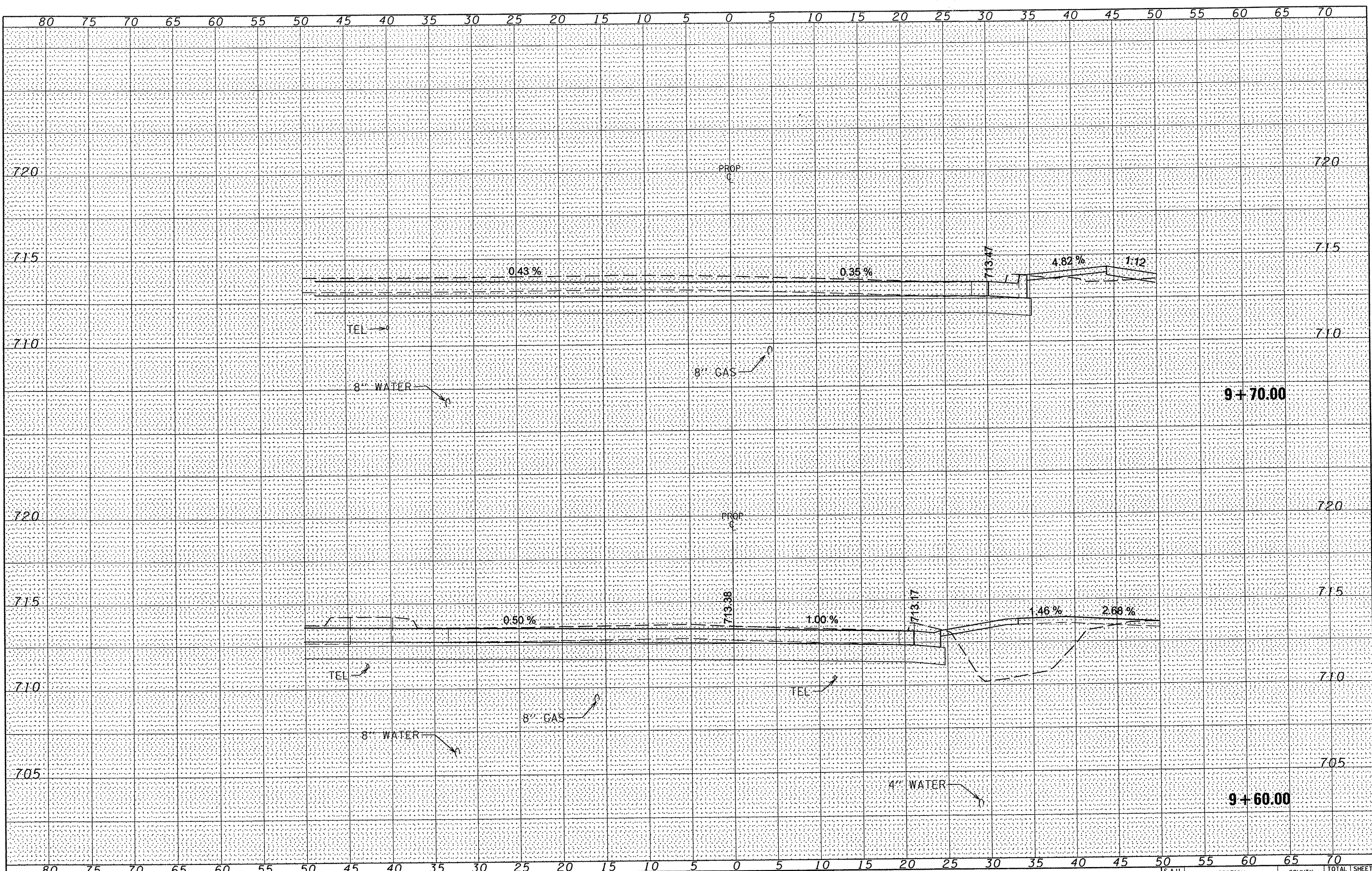
**ARGO STREET
CROSS SECTIONS**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. 9+40.043 TO STA. 9+50.043

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|---------------------|---------------------------|--------------------|---------------------------|------------------|
| F.A.U. RTE. 6775 | SECTION 04-00141-00-FP | COUNTY TAZEWELL | TOTAL SHEETS 187 | SHEET NO. 186 |
| CONTRACT NO. 89352 | | | ILLINOIS FED. AID PROJECT | |

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| BY | |
| FINISHED | |
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| NOTE BOOK | |
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| DATE | |
| BY | |
| ORIGINAL | |
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| NOTE BOOK | |
| AREAS CHECKED | |
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FILE NAME =
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USER NAME = #USER#
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARGO STREET
CROSS SECTIONS**
SCALE: SHEET NO. 4 OF 4 SHEETS STA. 9+60.043 TO STA. 9+70.043

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|--------------------|----------------|----------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6775 | 04-00141-00-FP | TAZEWELL | 187 | 187 |
| CONTRACT NO. 89352 | | | ILLINOIS FED. AID PROJECT | |