



REVISIONS

TOTAL

15

PROJECT IDENTIFICATION NUMBER

20-23-136-040

PROJECT NUMBER

BRF-136-1(99)--38-23

R.O.W. PROJECT NUMBER

| INDEX OF SHEETS |  |
|-----------------|--|
| No.             | DESCRIPTION                                      |
| <b>A Sheets</b> | <b>Title Sheets</b>                              |
| * A.1           | Title Sheet                                      |
| * A.2           | Location Map Sheet                               |
| <b>B Sheets</b> | <b>Typical Cross Sections and Details</b>        |
| B.1 - 2         | Typical Cross Sections and Details               |
| <b>D Sheets</b> | <b>Mainline Plan and Profile Sheets</b>          |
| * D.1           | Plan & Profile Legend & Symbol Information Sheet |
| * D.2           | IA 136   |
| <b>G Sheets</b> | <b>Survey Sheets</b>                             |
| G.1 - 3         | Reference Ties and Bench Marks                   |
| <b>J Sheets</b> | <b>Traffic Control and Staging Sheets</b>        |
| J.1             | Traffic Control Plan                             |
| <b>V Sheets</b> | <b>Bridge and Culvert Situation Plans</b>        |
| * V.1           | Bridge and Culvert Situation Plans               |
| <b>W Sheets</b> | <b>Mainline Cross Sections</b>                   |
| W.1             | Cross Sections Legend & Symbol Information Sheet |
| W.2 - 4         | Mainline Cross Sections                          |
|                 | * Color Plan Sheets                              |

PLANS OF PROPOSED IMPROVEMENT ON THE  
**PRIMARY ROAD SYSTEM**  
**CLINTON COUNTY**  
Bridge Replacement  
E Trib to Elwood Creek 1.2 mi N of US 61

<--- H Sheets

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



DESIGN DATA RURAL

|      |                    |     |        |
|------|--------------------|-----|--------|
| 2025 | AADT               | 800 | V.P.D. |
| 2045 | AADT               | 900 | V.P.D. |
| 2045 | DHV                | 100 | V.P.H. |
|      | TRUCKS             | 11  | %      |
|      | Total Design ESALs | --  |        |

INDEX OF SEALS

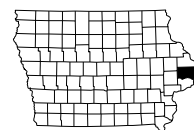
| SHEET NO. | NAME               | TYPE                    |
|-----------|--------------------|-------------------------|
| A.1       | Michael J. Janecek | Primary Signature Block |
| V.1       | Phillip M. Harpole | Hydraulic Design        |
|           |                    |                         |
|           |                    |                         |
|           |                    |                         |

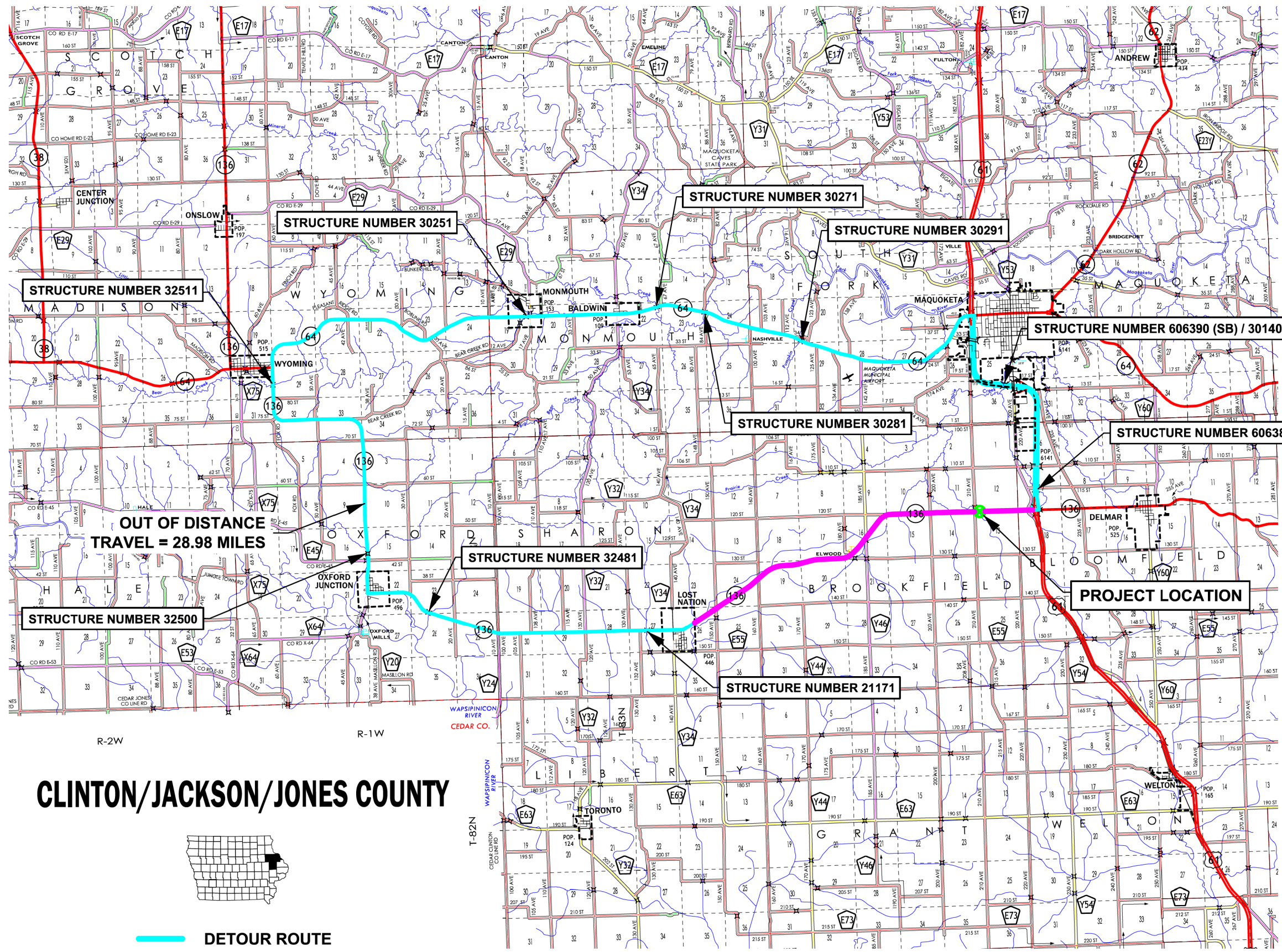
D4 PLAN – June 18, 2024

PRELIMINARY PLANS

Subject to change by final design.

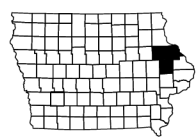
D5 PLAN – Sept 16, 2022





OUT OF DISTANCE  
TRAVEL = 28.98 MILES

# CLINTON/JACKSON/JONES COUNTY



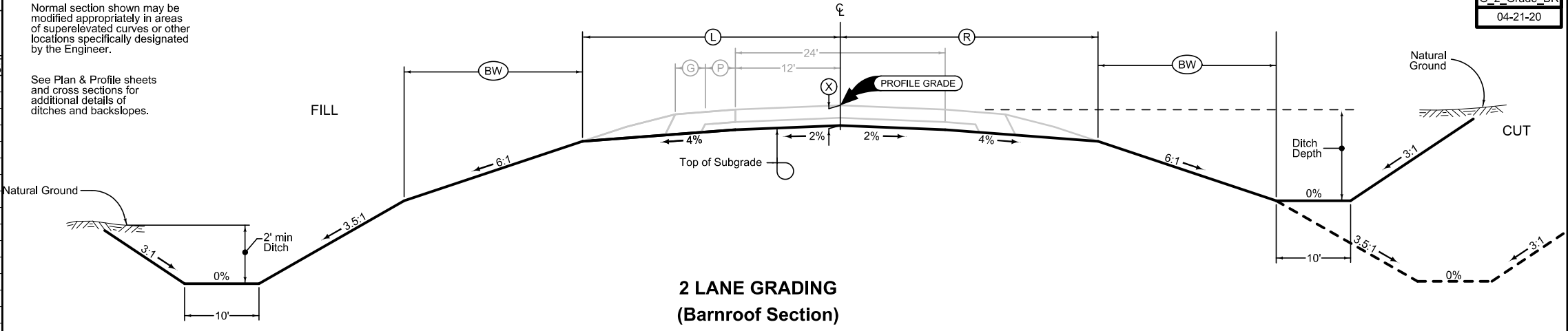
— DETOUR ROUTE



| LOCATION            |                     | DIMENSIONS  |             |               |              |
|---------------------|---------------------|-------------|-------------|---------------|--------------|
| ROAD IDENTIFICATION | STATION TO STATION  | (L)<br>Feet | (R)<br>Feet | (X)<br>Inches | (BW)<br>Feet |
| IA 136              | 834+24.45 835+77.20 | 33.94       | 33.94       | 16            | 2.06         |
|                     |                     |             |             |               |              |
|                     |                     |             |             |               |              |
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|                     |                     |             |             |               |              |

Normal section shown may be modified appropriately in areas of super-elevated curves or other locations specifically designated by the Engineer.

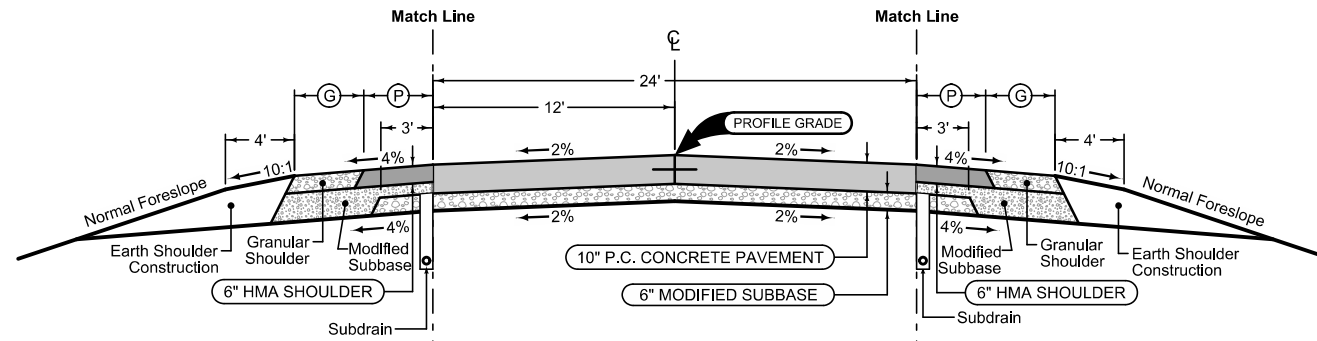
See Plan & Profile sheets and cross sections for additional details of ditches and backslopes.



**Combination Shoulder**

Shoulder Jointing:  
Longitudinal joint: B

|                    |           | 2_C_04-21-20 |             |
|--------------------|-----------|--------------|-------------|
| STATION TO STATION |           | (P)<br>Feet  | (G)<br>Feet |
| 834+24.45          | 835+77.20 | 4            | 4           |
|                    |           |              |             |



Mainline Jointing:  
Transverse joints: CD at 17' spacing  
Longitudinal joint: L-2

|                    |           | 2P_04-21-20 |  |
|--------------------|-----------|-------------|--|
| STATION TO STATION |           |             |  |
| 834+24.45          | 835+77.20 |             |  |
|                    |           |             |  |

**Combination Shoulder**

Shoulder Jointing:  
Longitudinal joint: B

|                    |           | 2_C_04-21-20 |             |
|--------------------|-----------|--------------|-------------|
| STATION TO STATION |           | (P)<br>Feet  | (G)<br>Feet |
| 834+24.45          | 835+77.20 | 4            | 4           |
|                    |           |              |             |

### SURVEY SYMBOLS

- Interstate Highway Symbol
- U.S. Highway Symbol
- Iowa Highway Symbol
- County Road Highway Symbol
- Evergreen Tree
- Deciduous Tree
- Fruit Tree
- Shrub (Bushes)
- Timber
- Hedge
- Stump
- Swamp
- Rock Outcrop
- Broken Concrete
- Revetment (Rip Rap)
- Cemetery
- Grave
- Cave
- Sink Hole
- Board Fence
- Chain Link or Security Fence
- Wire Fence
- Terrace
- Earth Dam or Dike (Existing)
- Tile Outlet
- Edge of Water
- Existing Drainage
- Right of Way Rail or Lot Corner
- Concrete Monument
- Well
- Windmill
- Beehive Intake
- Existing Intake
- Existing Utility Access (Manhole)
- Fire Hydrant
- Water Hydrant (Rural)
- Septic Tank
- Cistern
- L.P. Gas Tank (No Footing)
- Underground Storage Tank
- Latrine
- Satellite TV Dish
- Water Hook Up
- Radio Tower
- Tower Anchor
- Guardrail (Beam or Cable)
- Guard Post (one or two)
- Guard Post (over two)
- Filler Pipe
- Gas Valve
- Water Valve
- Speed Limit Sign
- Mile Marker Post
- Sign
- Traffic Signal Control Box
- Rail Road Signal Control Box
- Telephone Switch Box
- Electric Box

### UTILITY LEGEND

Sub-Surface Utility Mapping Quality Level is in accordance with CI/ASCE 38-02 Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data.

Remark Abbreviations  
 QLA Quality Level A Highest guideline quality level  
 QLD Quality Level D Lowest guideline quality level

- E1 *ELID, Electric Line Co. 1 - Quality D*
- F0 *FO1D, Fiber Optic Co. 1 - Quality D*
- F02 *FO2D, Fiber Optic Co. 2 - Quality D*

### PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

| LINEWORK      |       | Design Color No. |  |
|---------------|-------|------------------|--|
| Green         | (2)   |                  | Existing Topographic Features and Labels                               |
| Blue          | (1)   |                  | Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation    |
| Magenta       | (5)   |                  | Existing Utilities   |
| SHADING       |       | Design Color No. |  |
| Lavender      | (9)   |                  | Temporary Pavement Shading   |
| Yellow        | (4)   |                  | Proposed Pavement Shading  |
| Orange        | (6)   |                  | Proposed Granular Shading  |
| Orange        | (70)  |                  | Proposed Shoulder Granular Shading                                     |
| Yellow        | (68)  |                  | Proposed Shoulder Paved Full Depth Shading                             |
| Yellow        | (132) |                  | Proposed Shoulder Paved Partial Depth Shading                          |
| Gray, Dark    | (112) |                  | Proposed Grade and Pave Shading "In conjunction with a paving project" |
| Brown, Light  | (236) |                  | Grading Shading  |
| Orange, Light | (134) |                  | Proposed Granular Entrance Shading                                     |
| Yellow        | (220) |                  | Proposed Paved Entrance Shading  |
| Tan           | (8)   |                  | Proposed Sidewalk Shading  |
| Blue, Light   | (230) |                  | Proposed Sidewalk Landing Shading                                      |
| Pink          | (11)  |                  | Proposed Sidewalk Ramp Shading   |
| Green, Light  | (225) |                  | Existing Pavement Shading  |
| Red           | (3)   |                  | Proposed Structure Shading   |

### PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

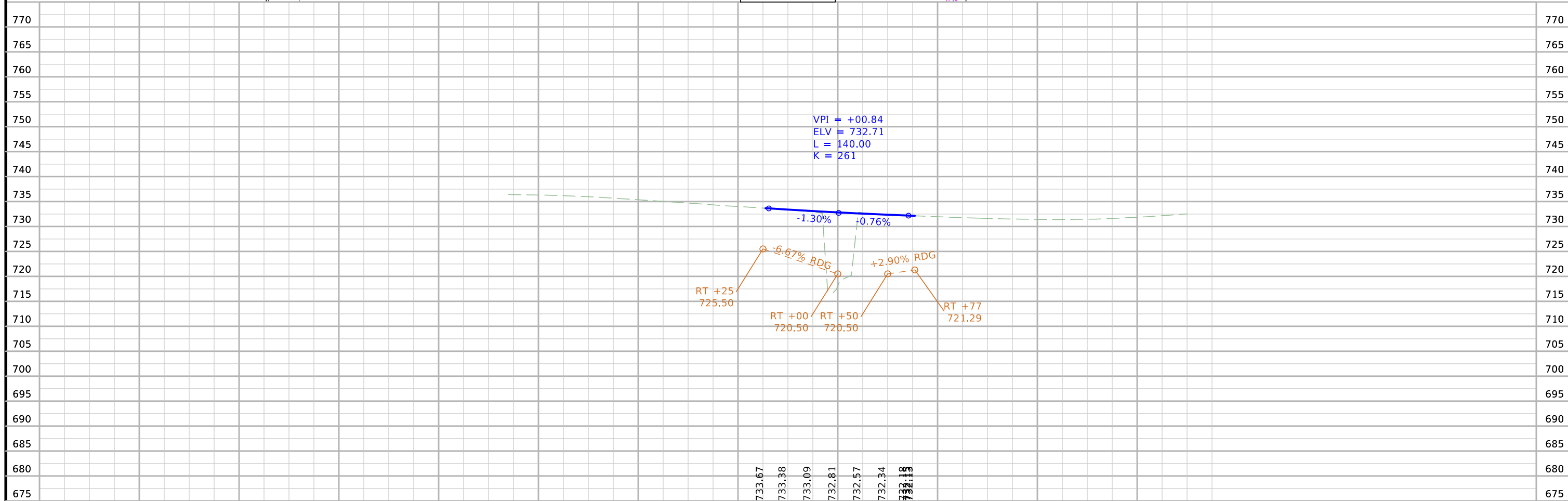
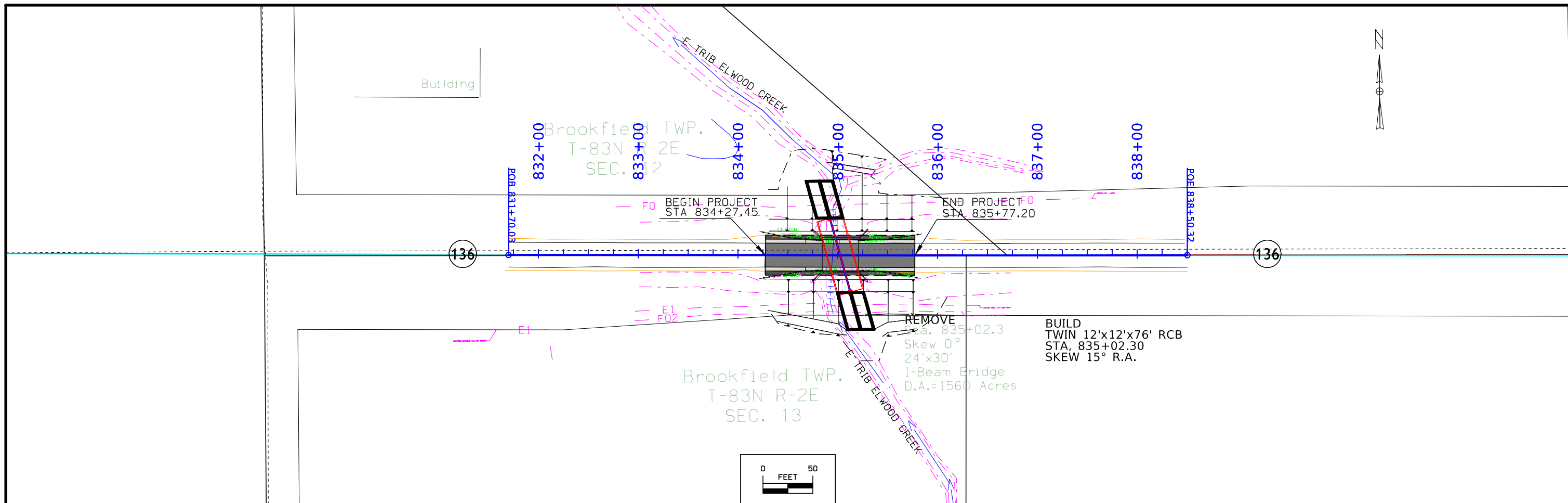
| LINEWORK    |       | Design Color No. |                                 |
|-------------|-------|------------------|---------------------------------|
| Green       | (2)   |                  | Existing Ground Line Profile    |
| Blue        | (1)   |                  | Proposed Profile and Annotation |
| Magenta     | (5)   |                  | Existing Utilities              |
| Blue, Light | (230) |                  | Proposed Ditch Grades, Left     |
| Black       | (0)   |                  | Proposed Ditch Grades, Median   |
| Rust        | (14)  |                  | Proposed Ditch Grades, Right    |

- Reference Point
- Station
- Section Corner
- Ground Line Intercept
- Saw Cut
- Guardrail
- Trench Drain
- HighTension Cable Guardrail
- Sheet Pile
- Pavement Removal
- Clearing & Grubbing Area

- #### RIGHT-OF-WAY LEGEND
- Proposed Right-of-Way
  - Existing Right of Way
  - Existing and Proposed Right-of-Way
  - Easement and Existing Right-of-Way
  - Easement (Temporary)
  - Easement
  - Access Control
  - Property Line

## PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES D, E, F, & K)



|          |         |                                      |                |                                     |                  |
|----------|---------|--------------------------------------|----------------|-------------------------------------|------------------|
| FILE NO. | ENGLISH | DESIGN TEAM IOWA DOT / SHIVE HATTERY | CLINTON COUNTY | PROJECT NUMBER BRF-136-1(99)--38-23 | SHEET NUMBER D.2 |
|----------|---------|--------------------------------------|----------------|-------------------------------------|------------------|

**Clinton County**  
**BRF-136-1(99)-38-23**  
**State Highway 136 over Branch Prairie Creek**  
**PIN 20-23-136-040**  
**Sap-766.3**

QLD – Quality Level D Lowest guideline quality level

**A One-call utility locate request (Ticket# 552104699) was made August 02, 2021. The following Companies were listed:**

**Party Personnel**

Eddie Charles – Survey Party Chief

**Date(s) of Survey**

Begin Date                    08/20/2021  
End Date                        10/22/2021

**General Information**

Measurement units for this survey are US survey feet. This survey is for proposed Bridge reconstruction and reconstruction of State Highway 136, over Branch Prairie Creek; 1.2 miles North of US Highway 61. Project datum and control information is provided by Shive-Hattery Inc. This project is a Preliminary DTM Field Survey. This survey request was for the Bridge over Branch Prairie Creek, State Highway 136 Corridor and Branch Prairie Creek.

**Vertical Control**

IARTN  
Vertical datum for this survey is NAVD88 (Computed using Geoid12B). Additional benchmarks were placed throughout the project using a Total Station setup relative to Point 1 and Point 2. Vertical control was verified between control points with check shots by Total Station through multiple setup from various occupation points with a vertical error of less than 0.05 feet.

This survey found a local control benchmark monument (benchmark disc on bridge abutment in NW corner bridge). No vertical information was available at the time field work was completed.

**Horizontal Control**

**(Project Coordinates from Redundant IARTN Observations)**

The project coordinate system is modified Iowa Regional Coordinate System Zone 12 (U.S. Survey Feet This survey control is relative to the IARTN reference stations. IARTN Reference Station coordinates are relative to the National Reference Station network datum: NAD83 (2011) for Epoch 2010.00. Coordinates were determined by IARTN observations with appropriate occupation times. Additional control points were placed throughout the project using a Total Station setup relative to Point 1 and Point 2.

**Utility Information**

| <b><u>Company (Quality)</u></b>    | <b><u>Symbol</u></b> | <b><u>Remark</u></b>                              |
|------------------------------------|----------------------|---|
| Alliant Energy (ASE) PPA           |                      | Power Poles South of IA 136; Clear                |
| CenturyLink                        | FOA                  | Buried Fiber Optic Line North of IA 136; Clear    |
| Eastern Iowa Light & Power         | ELA                  | Underground electric line Center of IA 136; Clear |
| F & B Communications               | FOB<br>TLA           | Buried Fiber Optic Line South of IA 136; Marked   |
| Lost Nation-Elwood Telephone (LN1) | FOC                  | Buried Fiber Optic Line South of IA 136; Marked   |

Following are the list of contacts made in the order they were received:

( ASE ) ALLIANT ENERGY  
Contact Name : Alliant Energy Field Engineer Contact Phone: 8002554268 Contact Email: [locate\\_IPL@alliantenergy.com](mailto:locate_IPL@alliantenergy.com)

( CTLIA01 ) CENTURYLINK  
Contact Name : SADIE HULL  
Contact Phone: 9185470147  
Contact Email: [sadie.hull@lumen.com](mailto:sadie.hull@lumen.com)

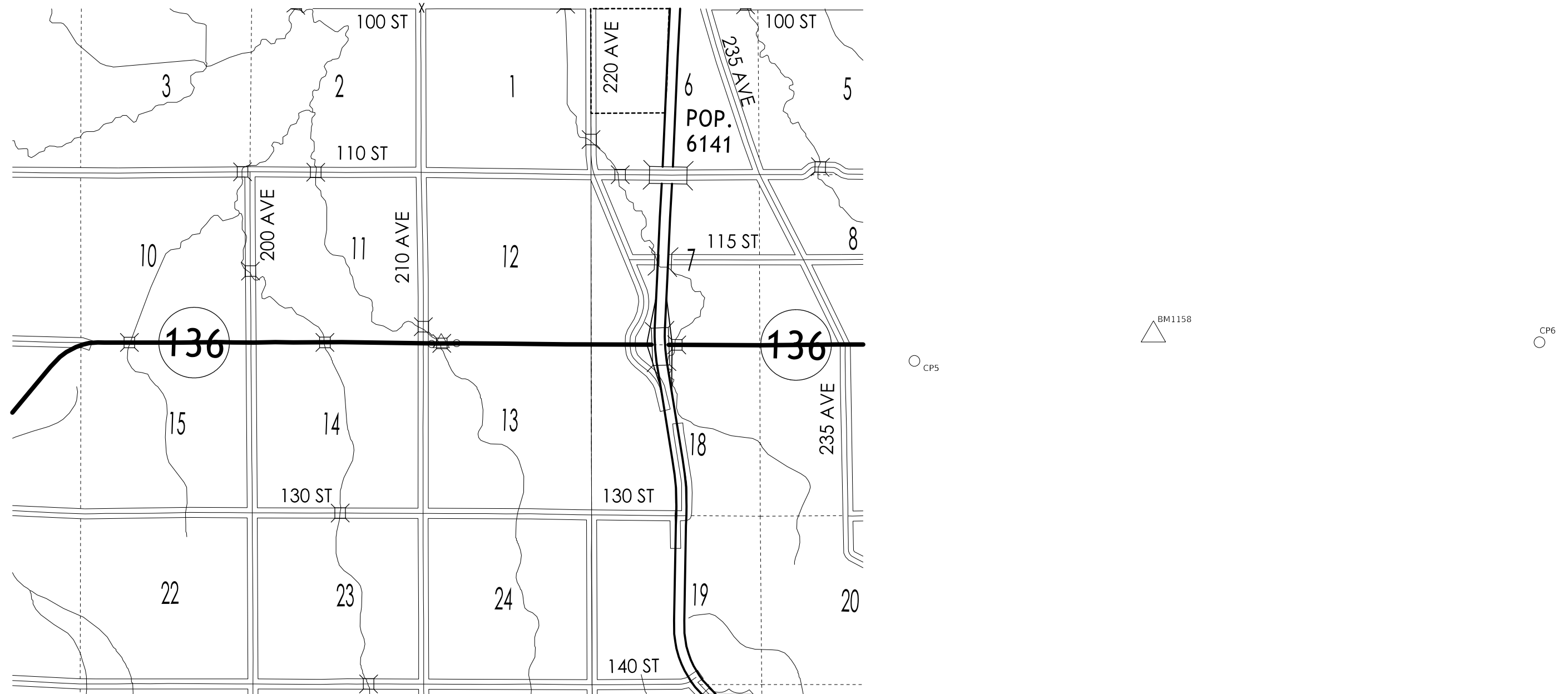
( ELP ) EASTERN IOWA LIGHT & POWER  
Contact Name : Mark Elder  
Contact Phone: 5637327360  
Contact Email: [mark.elder@easterniowa.com](mailto:mark.elder@easterniowa.com)

( FBM ) F & B COMMUNICATIONS  
Contact Name : Ken Laursen  
Contact Phone: 5633741236  
Contact Email: [locates@fbc-tele.com](mailto:locates@fbc-tele.com)

( LN1 ) LOST NATION-ELWOOD TELEPHONE  
Contact Name : Jody Holtz  
Contact Phone: 5636782470  
Contact Email: [jody@lencomm.com](mailto:jody@lencomm.com)

### CONTROL POINT VICINITY MAP

This map is a guide to the vicinity of the primary project control points  
 Primary control is for use with RTK base stations and for RTN validation.  
 Future surveys will use primary project control to establish temporary  
 control as needed for construction or other surveying applications.



HORIZ. DATUM: NAD83(2011) EPOCH 2010.00

VERT. DATUM: NAVD88

Ia. Regional Coordinate System Zone 11

Coordinate listing from next sheet will be used with IaRTN for monument  
 recovery. No other reference ties are given.



HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING

HORIZ. DATUM: NAD83(2011) EPOCH 2010.00

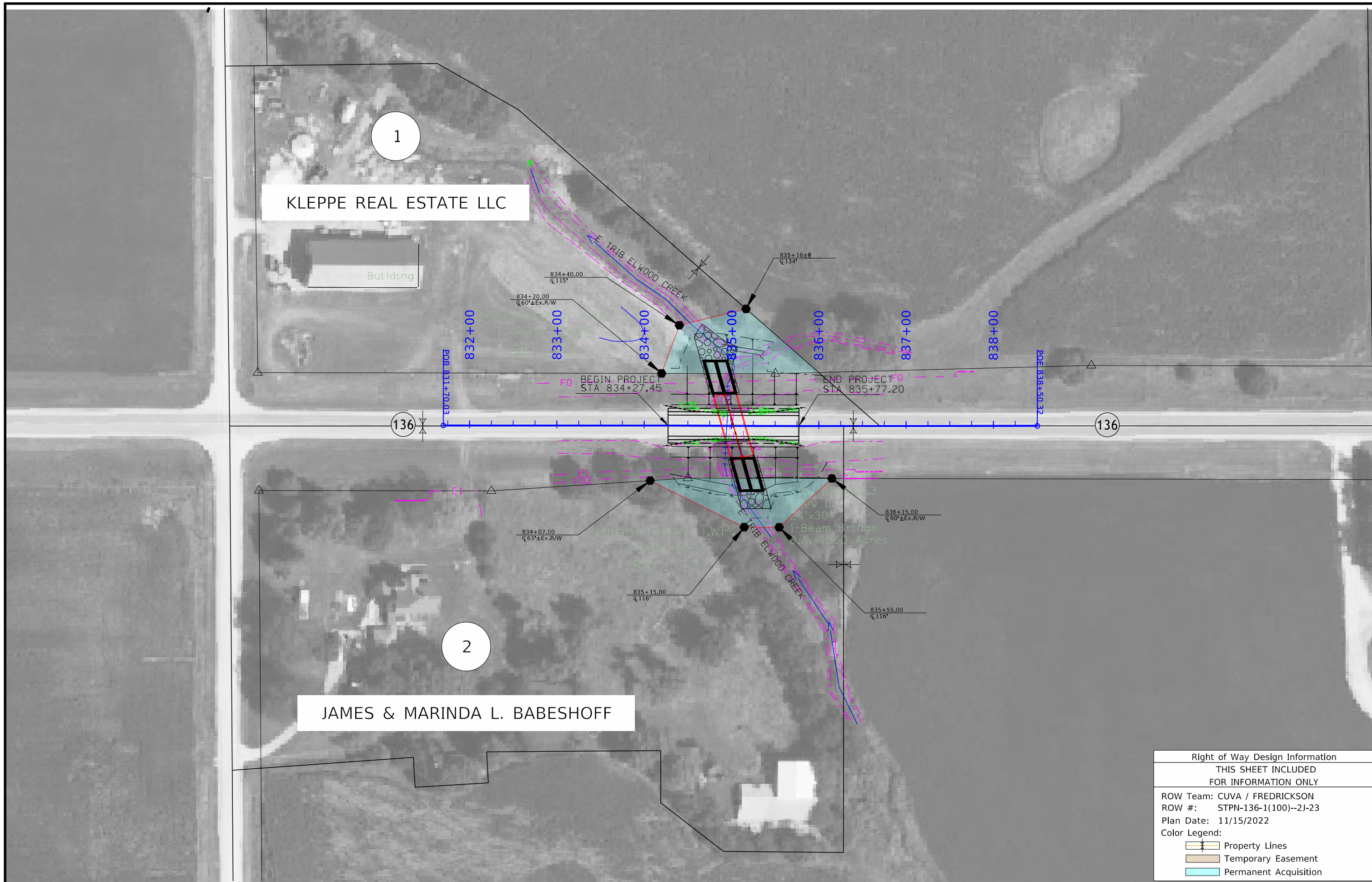
VERT. DATUM: NAVD88

1a. Regional Coordinate System Zone 11  
Project Control Marks are Bench Marks

| <b>POINT NAME</b> | <b>Y</b>    | <b>X</b>     | <b>Z</b> | <b>FEATURE DEFINITION - DESCRIPTION</b> |
|-------------------|-------------|--------------|----------|---|
| 5                 | 8239017.807 | 21459195.942 | 736.328  | CP                                      |
| 6                 | 8239041.106 | 21459976.103 | 734.959  | CP                                      |
| 107               | 8239041.110 | 21459976.127 | 734.964  | CP                                      |
| 1158              | 8239049.961 | 21459494.22  | 735.103  | MISC DOT BRASS CAP                      |

**NOTE:**

The first two digits in the control point name refer to the county number.  
The next 3 digits refer to the highway number.  
The next 3 digits refer to the highway milepost.  
The last digit refers to the distance from the referenced milepost to the nearest tenth of a mile.



KLEPPE REAL ESTATE LLC

1

Building

136

136




BEGIN PROJECT  
STA 834+27.45

END PROJECT  
STA 835+77.20

2

JAMES & MARINDA L. BABESHOFF

Brookfield TWP.  
T. 33N. R. 25E.  
Sec. 13  
A. = 1860 Acres

|   |                       |
|---|-----------------------|
| Right of Way Design Information   |                       |
| THIS SHEET INCLUDED FOR INFORMATION ONLY  |                       |
| ROW Team: CUVA / FREDRICKSON  |                       |
| ROW #: STPN-136-1(100)--2J-23   |                       |
| Plan Date: 11/15/2022   |                       |
| Color Legend:   |                       |
|  | Property Lines        |
|  | Temporary Easement    |
|  | Permanent Acquisition |

**108-26A**  
08-01-08

### STAGING NOTES

Stage 1:  
With IA 136 traffic using detour, remove and replace bridge over the stream with a culvert.

Stage 2:  
Reopen IA 136 to normal traffic pattern.

**108-23A**  
08-01-08

### TRAFFIC CONTROL PLAN

1) While bridge and approaches are being removed and replaced with RCB culvert, IA 136 traffic shall be maintained via an off-site detour. Detours are furnished, maintained and removed by the Contractor. Refer to TC-252 for road closure and advanced signage details.

2) Contractor will furnish, install, maintain, and remove detour signs. All existing signs that conflict with detour shall be covered. These functions shall be included in the Traffic Control Bid Item.

**108-25**  
10-21-14

### 511 TRAVEL RESTRICTIONS

| Route | Direction | County | Location Description            | Feature Crossed | Object Type | Maint. Bridge No., Structure ID, or FHWA No. | Type of Restriction | Existing Measurement | Construction Measurement | Construction Measurement as Signed | Projected As Built Measurement | Remarks |
|-------|-----------|--------|---------------------------------|-----------------|-------------|--|---------------------|----------------------|--------------------------|------------------------------------|--------------------------------|---------|
|       |           |        | No Travel Restrictions Expected |                 |             |  |                     |                      |                          |                                    |                                |         |
|       |           |        |                                 |                 |             |  |                     |                      |                          |                                    |                                |         |
|       |           |        |                                 |                 |             |  |                     |                      |                          |                                    |                                |         |

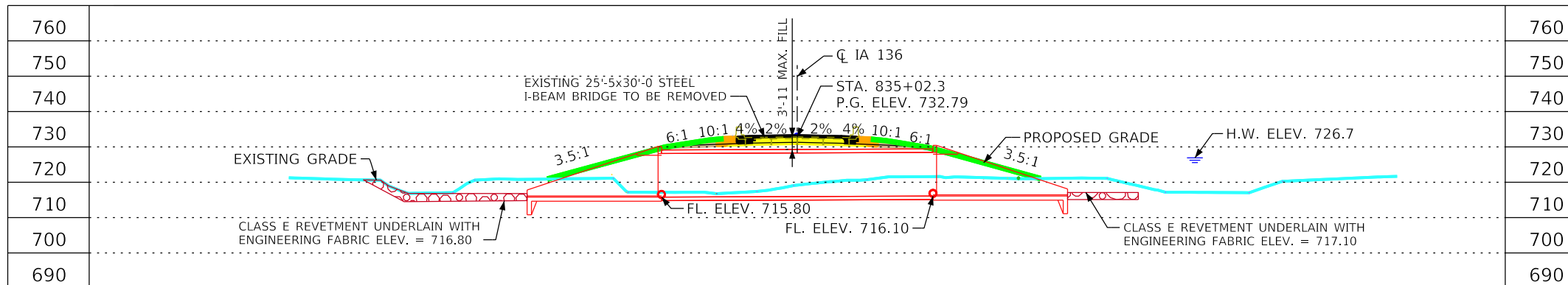
**111-01**  
04-17-12

### COORDINATED OPERATIONS

Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.

| Project | Type of Work |
|---------|--------------|
|         |              |
|         |              |
|         |              |
|         |              |

Control Point: 1158 Y=8239049.961, X=21459494.22, Z=735.103 MISC. DOT BRASS CAP



-1.30%  
-0.76%

VPI Sta. = 835+00.84 L = 140.00'  
VPI Elev. = 732.71

**Proposed Profile  
Grade IA 136**

**Notes:**

- GENERAL NOTES:  
1. THIS DESIGN IS FOR THE REPLACEMENT OF THE EXISTING 25'-5x30' STEEL BEAM BRIDGE DESIGN NO. 551, CLINTON FHWA NO. 21120, MAINT. NO. 2331.2s136
- DESIGNER NOTES:  
1. BURIED AND OVERHEAD UTILITIES TO BE RELOCATED TEMPORARILY OR PERMANENTLY AS REQUIRED FOR CONSTRUCTION.
- PLAN NOTES:  
1. DRAINAGE THROUGH EXISTING CULVERT/CHANNEL MUST BE MAINTAINED THROUGHOUT CONSTRUCTION.  
2. FLOW LINE OF CULVERT HAS BEEN SET 1 FOOT BELOW STREAMBED.

**Hydraulic Data**

Drainage Area = 2.36 Sq. Mi.  
Q<sub>50</sub> = 1,750 CFS  
HW Elev. = 726.7  
Stream Slope = 27.9 Ft./Mi.  
Q<sub>100</sub> = 2,090 CFS  
HW Elev. = 727.5  
Q<sub>500</sub> = 3,020 CFS  
HW Elev. = 729.4

**Utilities Legend:**

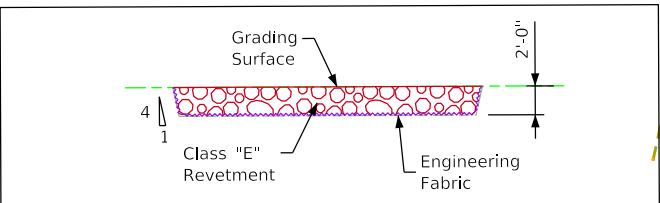
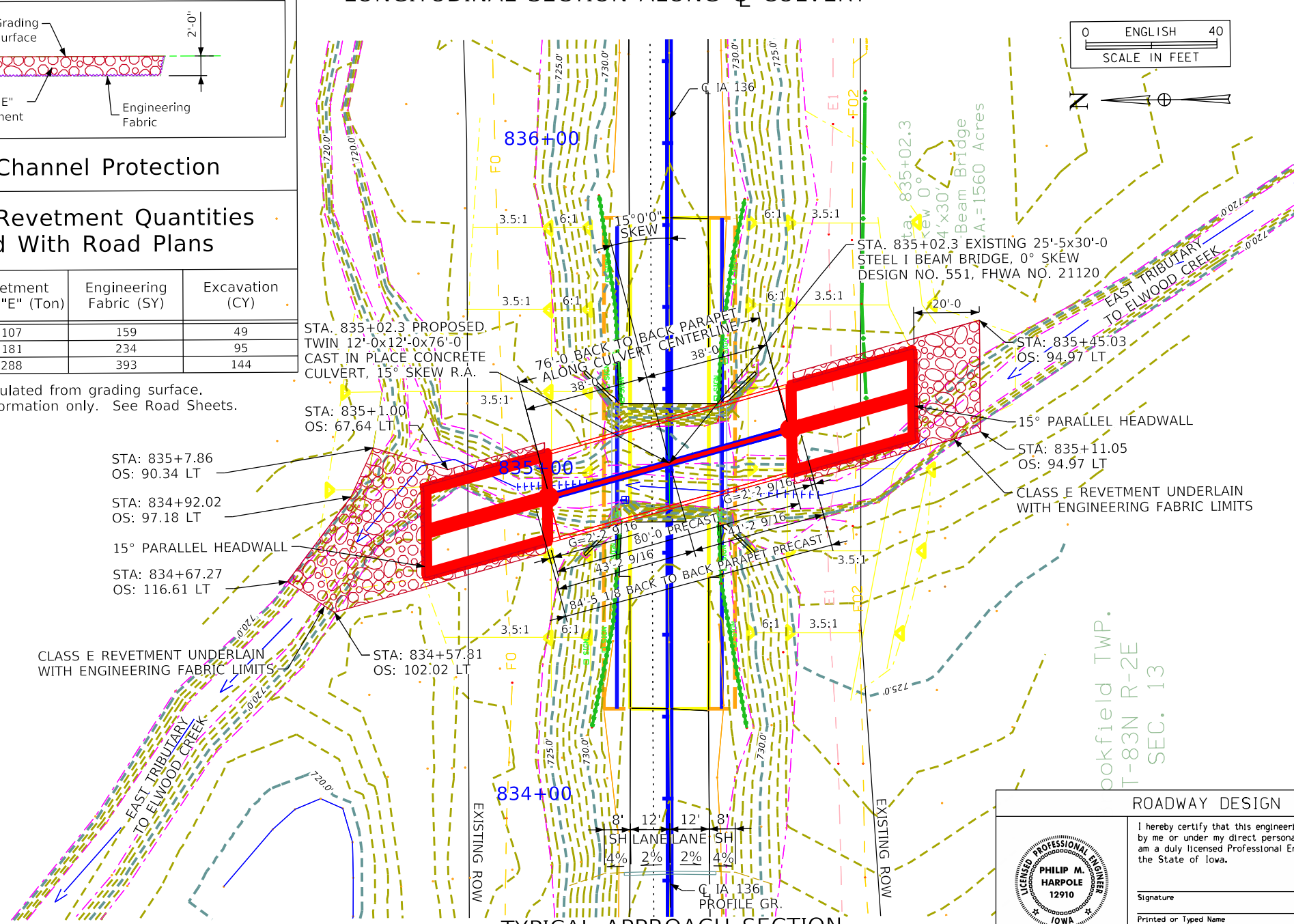
- FO — Fiber Optic Line
- FO2 — Fiber Optic Line
- E1 — Electric Line

UTILITIES SHOWN ON THIS SHEET ARE FOR INFORMATION ONLY, SEE ROAD DESIGN SHEETS FOR FINAL UTILITY INFORMATION.

**Location**                      **Traffic Estimate**

|  |  |
|--|--|
| IA 136 over E. Trib.<br>to Elwood Creek<br>T-83N R-2E<br>Section 12-13<br>Brookfield Township<br>Clinton County<br>FHWA No. ??<br>Bridge Maint. No. 2331.2s136<br>Latitude 42.003703°<br>Longitude -90.682300° | 2025 AADT 800 V.P.D.<br>2045 AADT 900 V.P.D.<br>2045 DHV 100 V.P.H.<br>Trucks 11 %<br>Total<br>Design ESALs 22,222 |
|--|--|

**LONGITUDINAL SECTION ALONG CL CULVERT**



**Typical Channel Protection**

**Estimated Revetment Quantities  
Included With Road Plans**

| Location | Revetment Class "E" (Ton) | Engineering Fabric (SY) | Excavation (CY) |
|----------|---------------------------|-------------------------|-----------------|
| Inlet    | 107                       | 159                     | 49              |
| Outlet   | 181                       | 234                     | 95              |
| Totals   | 288                       | 393                     | 144             |

Excavation quantity calculated from grading surface. Quantities shown for information only. See Road Sheets.

**TYPICAL APPROACH SECTION  
SITUATION PLAN**

ROADWAY DESIGN

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed or Typed Name: \_\_\_\_\_

My license renewal date is December 31, 2023

Pages or sheets covered by this seal: 1.1

DESIGN FOR 15° SKEW R.A.

**TWIN 12'-0x12'-0x76'-0  
CAST IN PLACE CONCRETE CULVERT**

**SITUATION PLAN**

STA. 835+02.3 (IA 136)                      AUGUST 2022

Clinton County

IOWA DEPARTMENT OF TRANSPORTATION

DESIGN No. ###      DESIGN SHEET No. 001 of 001      FHWA No. #####

### CROSS SECTION VIEW COLOR LEGEND

| Design Color No. | Feature                   | Design Color No.          | Feature                         |
|------------------|---------------------------|---------------------------|---------------------------------|
| <b>Aggregate</b> |                           |                           |                                 |
| (64)             | Choke Stone               | (112)                     | Noise Wall                      |
| (42)             | Engineering Fabric        | (112)                     | Noise Wall Footing              |
| (8)              | Flooded Backfill          | (112)                     | Retaining Wall Back             |
| (92)             | Macadam Stone             | (112)                     | Retaining Wall Back Excavate    |
| (20)             | Modified                  | (112)                     | Retaining Wall Face             |
| (12)             | Plowing Shaping           | (112)                     | Retaining Wall Front Excavate   |
| (14)             | Porous Backfill           | (112)                     | Retaining Wall Front Footing    |
| (8)              | Revetment Class A         | (112)                     | Retaining Wall MSE Gutter       |
| (6)              | Revetment Class B         | (112)                     | Retaining Wall Reinforced Earth |
| (62)             | Revetment Class C         |                           |                                 |
| (188)            | Revetment Class D         | <b>Grading</b>            |                                 |
| (28)             | Revetment Class E         | (8)                       | Behind Curb Cut                 |
| (12)             | Shoulder Special Backfill | (6)                       | Granular                        |
| (12)             | Special Backfill          | (13)                      | Granular Back Fill              |
| (20)             | Subbase                   | (48)                      | Rock Undercut                   |
| (20)             | Subbase Lower             | (8)                       | Shoulder Earth Fill             |
| (20)             | Subbase Upper             | (2)                       | Side Slopes                     |
| (118)            | Subgrade Treatment        | (226)                     | Side Slopes Dressing            |
| <b>Asphalt</b>   |                           |                           |                                 |
| (207)            | HMA Base Course           | <b>Substrata</b>          |                                 |
| (207)            | HMA Interim Course        | (128)                     | Boulder Substrata               |
| (207)            | HMA Surface Course        | (48)                      | Broken Weathered Substrata      |
| <b>Concrete</b>  |                           |                           |                                 |
| (0)              | Barrier Concrete          | (3)                       | Core Out Substrata              |
| (0)              | Barrier Concrete Footing  | (203)                     | Existing Pavement Substrata     |
| (0)              | Curb Gutter               | (6)                       | Loam Substrata                  |
| (48)             | Flowable Mortar           | (80)                      | Rock Substrata                  |
| (0)              | Median Concrete           | (4)                       | Select Sand Substrata           |
| (0)              | PCC Pavement              | (3)                       | Shale Substrata                 |
| (0)              | Sidewalk                  | (10)                      | Topsoil Substrata               |
| <b>Shoulder</b>  |                           |                           |                                 |
| (209)            | Shoulder HMA              | <b>Unsuitable / Waste</b> |                                 |
| (0)              | Shoulder PCC              | (3)                       | Unsuitable Type A               |
| (6)              | Shoulder Granular         | (13)                      | Unsuitable Type B               |
|                  |                           | (11)                      | Unsuitable Type C               |
|                  |                           | (3)                       | Waste                           |
| <b>Existing</b>  |                           |                           |                                 |
| (0)              | Existing Pavement         |                           |                                 |

**NOTES:**

Text

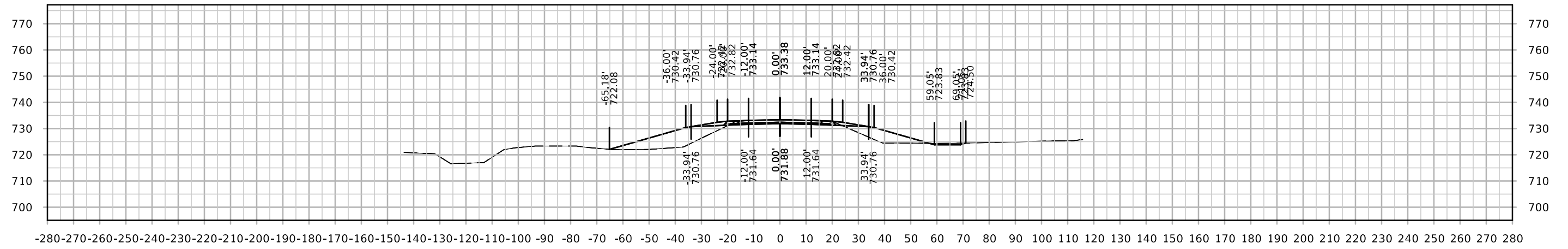
**NOTES:**

Text

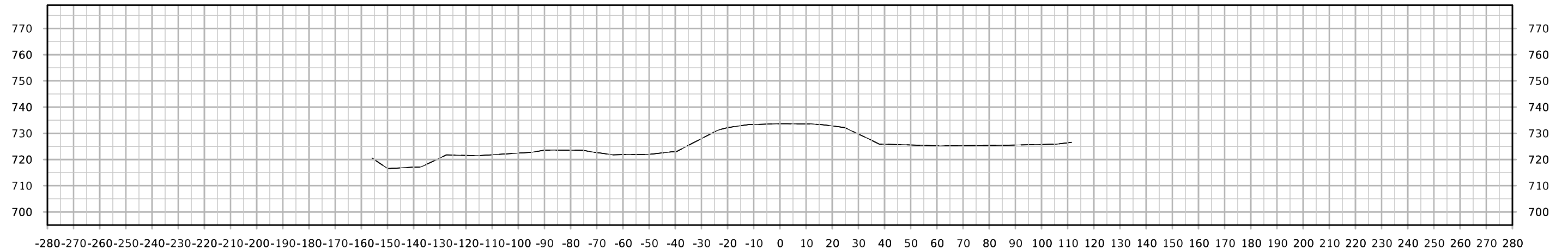
## CROSS SECTIONS LEGEND AND INFORMATION SHEET

(COVERS SHEET SERIES W, X, Y, & Z)

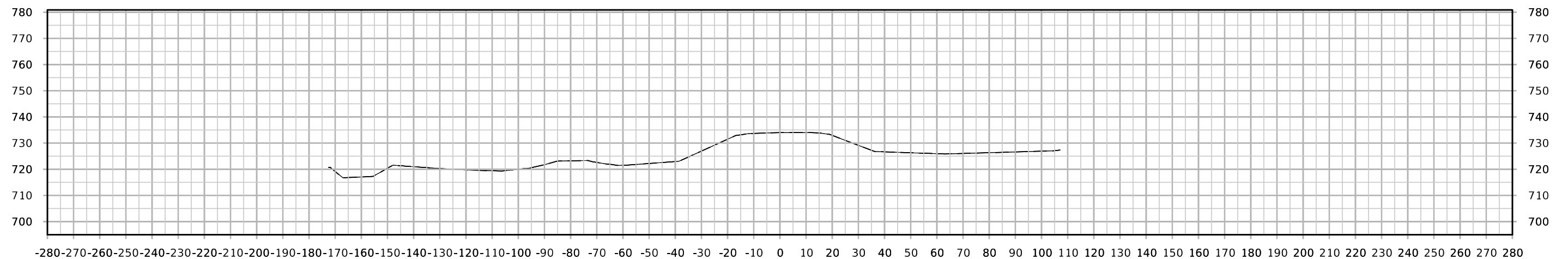
# IA 136



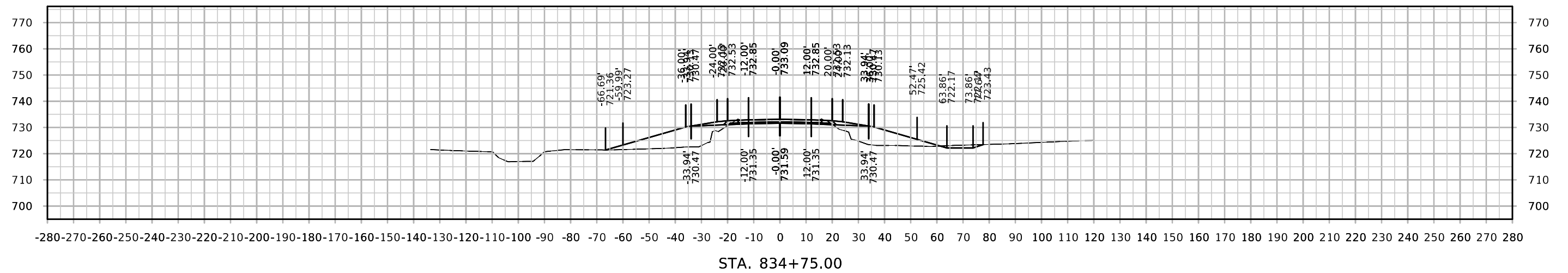
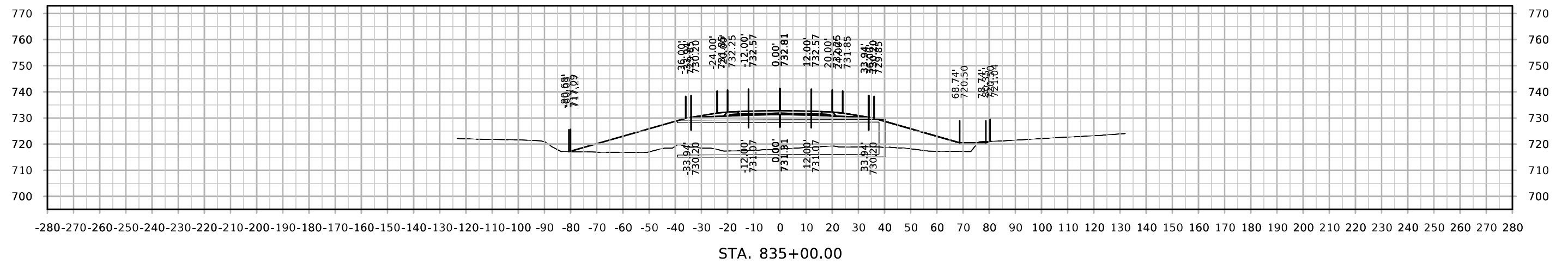
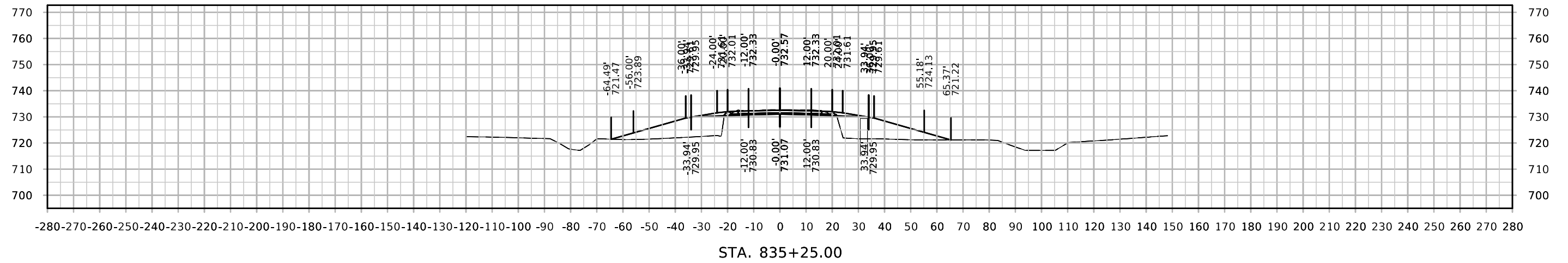
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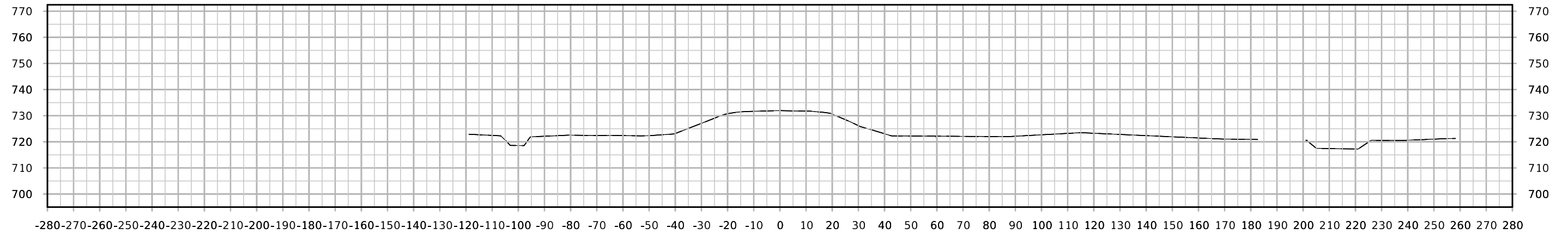


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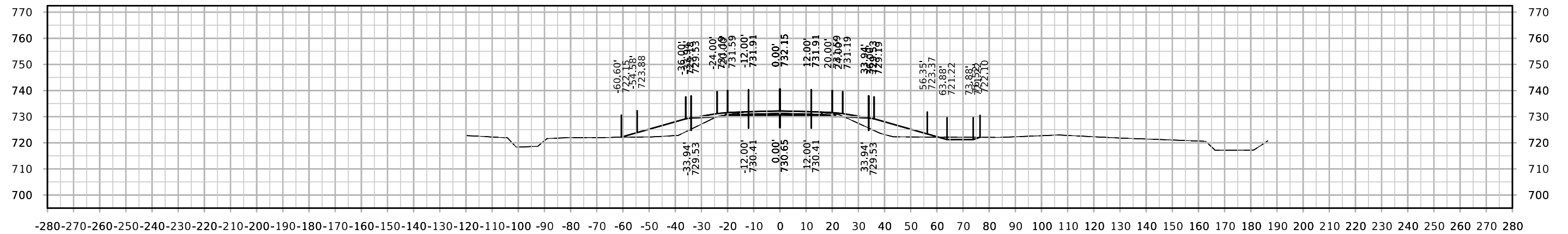


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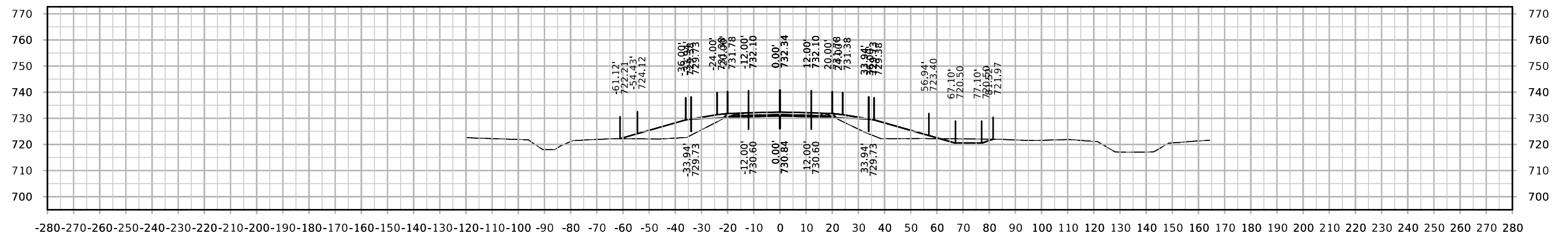




STA. 836+00.00



STA. 835+75.00



STA. 835+50.00