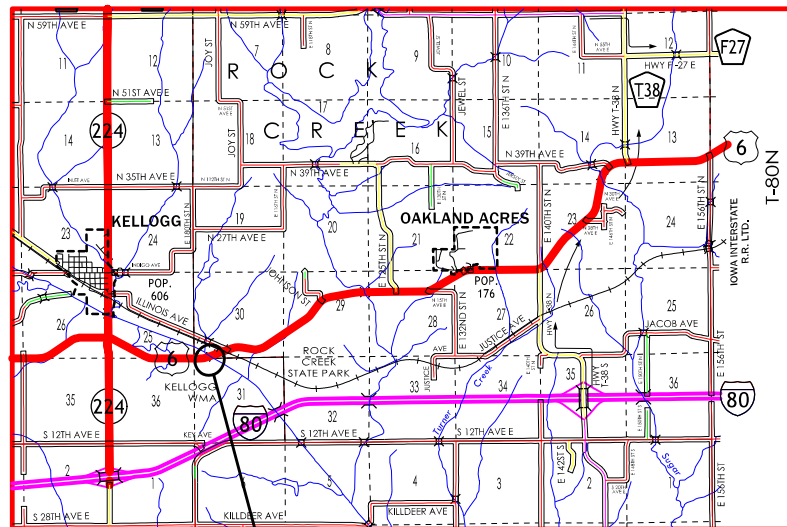


PLANS OF PROPOSED IMPROVEMENT ON THE
PRIMARY ROAD SYSTEM
JASPER COUNTY
Bridge-Unspecified
North Skunk River 1.3 mi E of IA 224

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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



PROJECT LOCATION

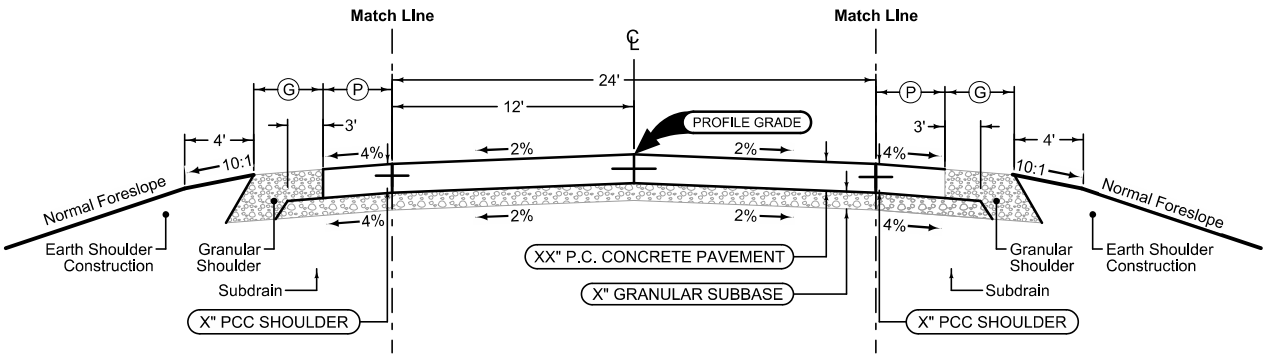
INDEX OF SEALS			
SHEET NO.	NAME	TYPE	BID QUANTITY SHEETS
A.1	Jeremey J. Vortherms	Primary Signature Block	C.1

PRELIMINARY PLANS

Subject to change by final design.

D3 PLAN - Date: 6-19-2025

REVISIONS	TOTAL	
	..	
	PROJECT IDENTIFICATION NUMBER	
	23-50-006-020	
	PROJECT NUMBER	
	BRF-006-4(198)--38-50	
	R.O.W. PROJECT NUMBER	
	STPN-006-4(199)--2J-50	

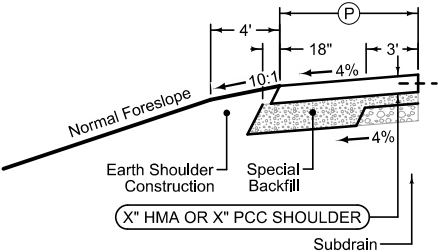


Full Depth PCC Combination Shoulder

2_C_FullPCC_04-15-25			
STATION TO STATION	(P)	(G)	
	Feet	Feet	
	4	6	

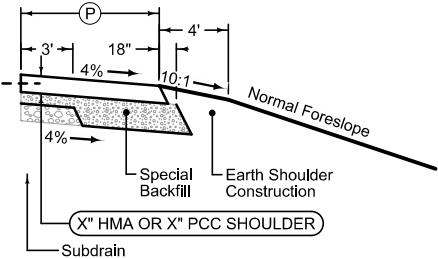
2P_04-21-20	
STATION TO STATION	

2_C_FullPCC_04-15-25			
STATION TO STATION	(P)	(G)	
	Feet	Feet	
	4	6	



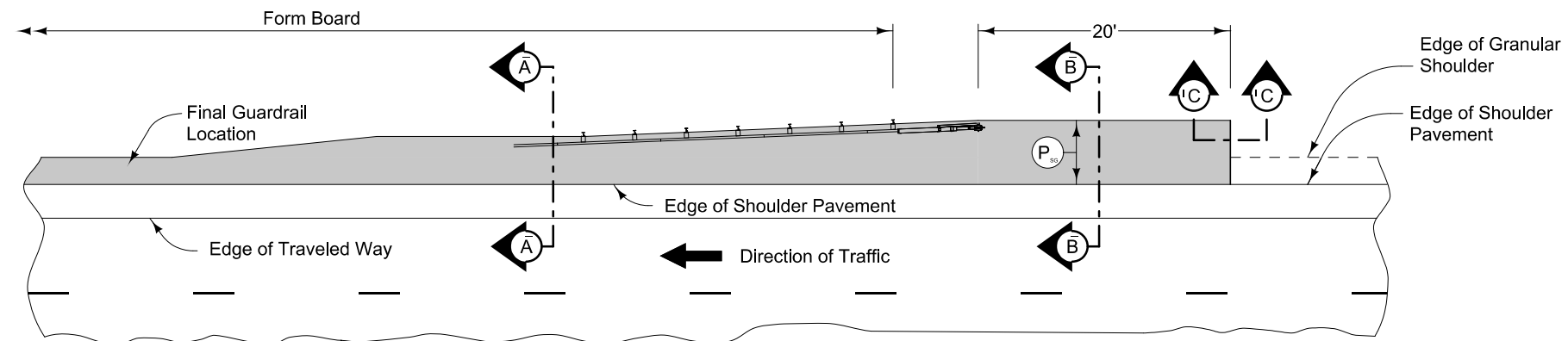
Paved Shoulder at Guardrail

2_P_Guard_04-21-20		
STATION TO STATION	(P)	
	Feet	

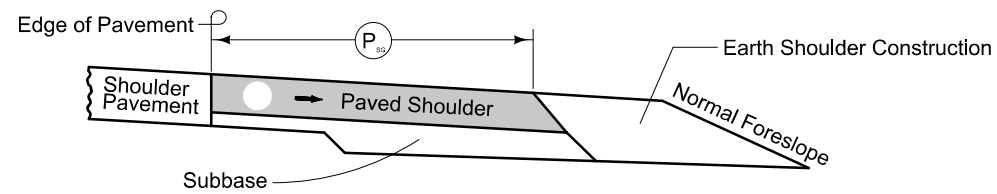
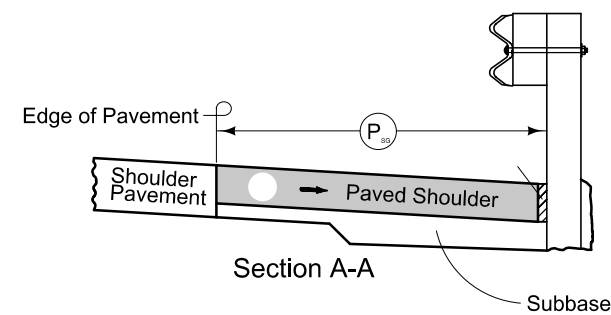


Paved Shoulder at Guardrail

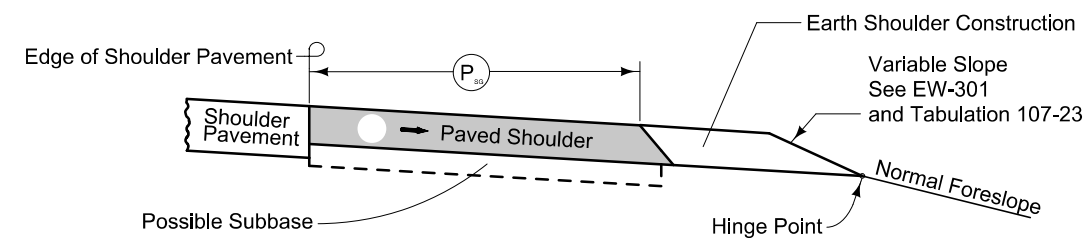
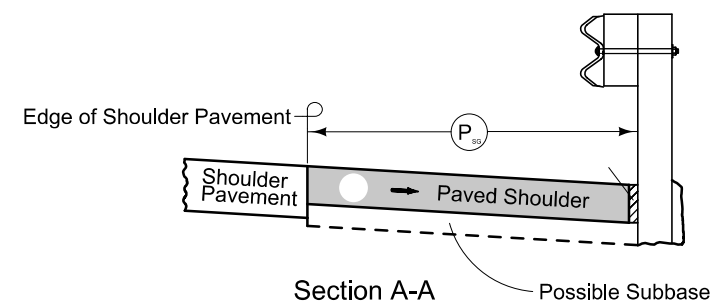
2_P_Guard_04-21-20		
STATION TO STATION	(P)	
	Feet	



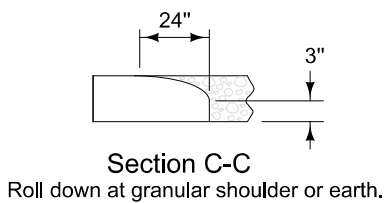
PLAN VIEW



NEW CONSTRUCTION

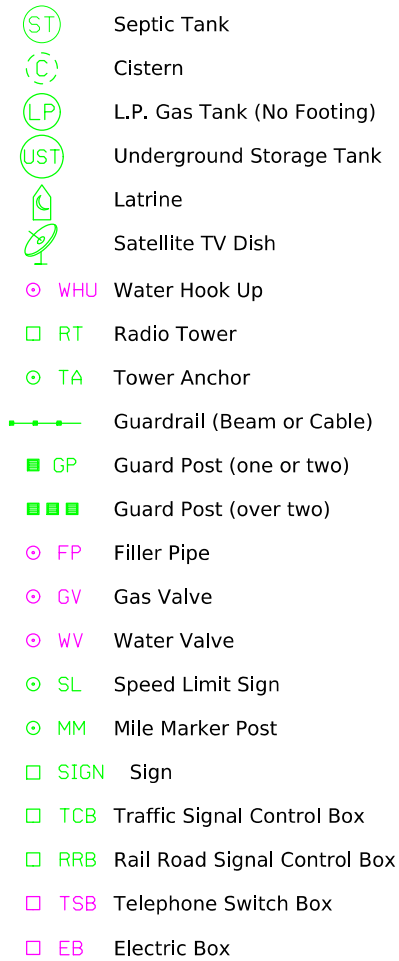


EXISTING SHOULDER



PAVED SHOULDER AT GUARDRAIL
(ADJACENT TO PARTIAL WIDTH PAVED SHOULDER)

	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)

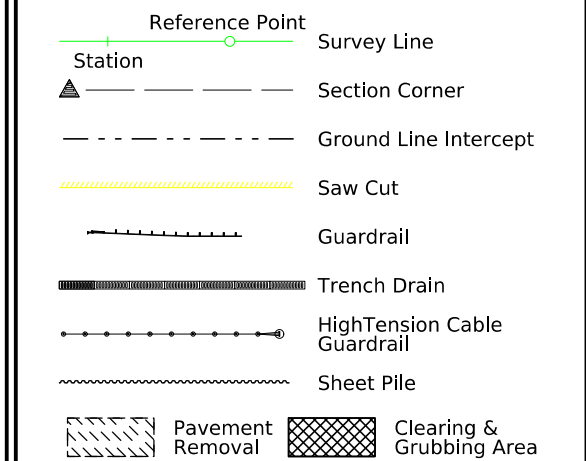


- T1 — Windstream Communications
Steve Kness (Fiber)
stephen.kness@windstream.com
319.538.1985
- T1 — Windstream Communications
Dan Hogan (Telephone)
dan.hogan@windstream.com
563.920.2428
- F02 — Unite Private Networks Fiber Transmission
Clark Lundy (Fiber)
clark.lundy@upnfiber.com
- F0 — Partner Communications Cooperative
Tracy Decker (Telephone, Fiber)
tdecker@pcctel.net
641.569.3111
- F0 — MCI/Verizon Fiber Transmission
Thanh (TK) Nguyen (Fiber)
thanh.nguyen3@verizon.com
515.783.7177
- W — Kellogg, City of Water
Shirley Schippers (Water)
schipper@partnercom.net
- W — Iowa Regional Utilities Association
Matt Mahler (Sanitary Sewer)
mmahler@iruaa.net
- Alliant Energy Company
Billie Reid (Electrical, Gas)
billiereid@alliantenergy.com

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

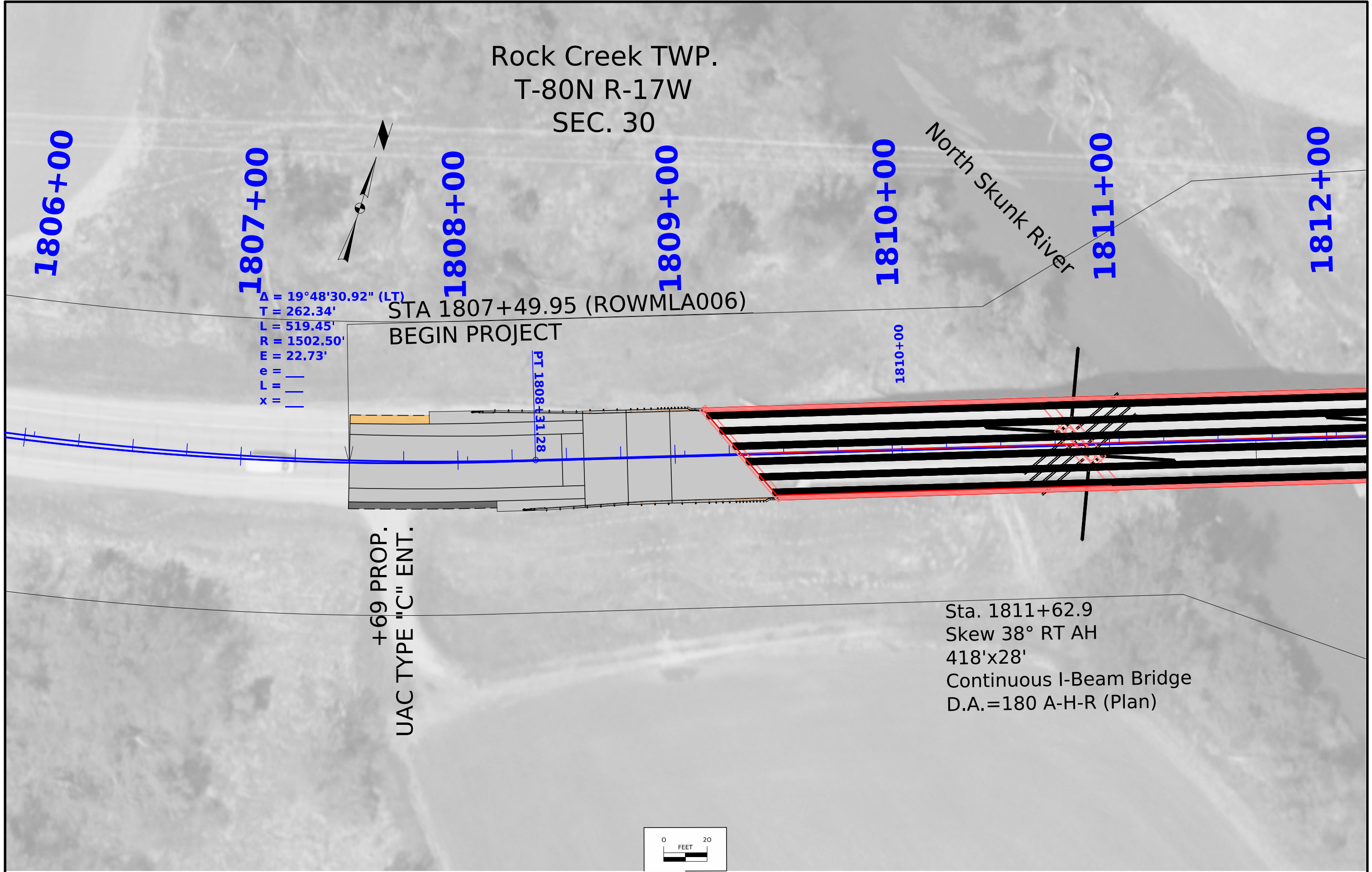
SHADING	Design Color No.			Transparency
Pink, Dark	(13)		Temporary Pavement Shading	50%
Yellow	(4)		Proposed Pavement Shading	50%
Orange	(6)		Proposed Granular Shading	50%
Orange	(70)		Proposed Shoulder Granular Shading	50%
Yellow	(68)		Proposed Shoulder Paved Full Depth Shading	50%
Yellow	(132)		Proposed Shoulder Paved Partial Depth Shading	50%
Brown, Light	(236)		Grading Shading	50%
Orange, Light	(134)		Proposed Granular Entrance Shading	50%
Yellow	(220)		Proposed Paved Entrance Shading	50%
Tan	(8)		Proposed Sidewalk Shading	50%
Blue, Light	(230)		Proposed Sidewalk Landing Shading	50%
Pink	(11)		Proposed Sidewalk Ramp Shading	50%
Red	(3)		Proposed Structure Shading	50%
Red	(3)		Delineates Restricted Areas	0%

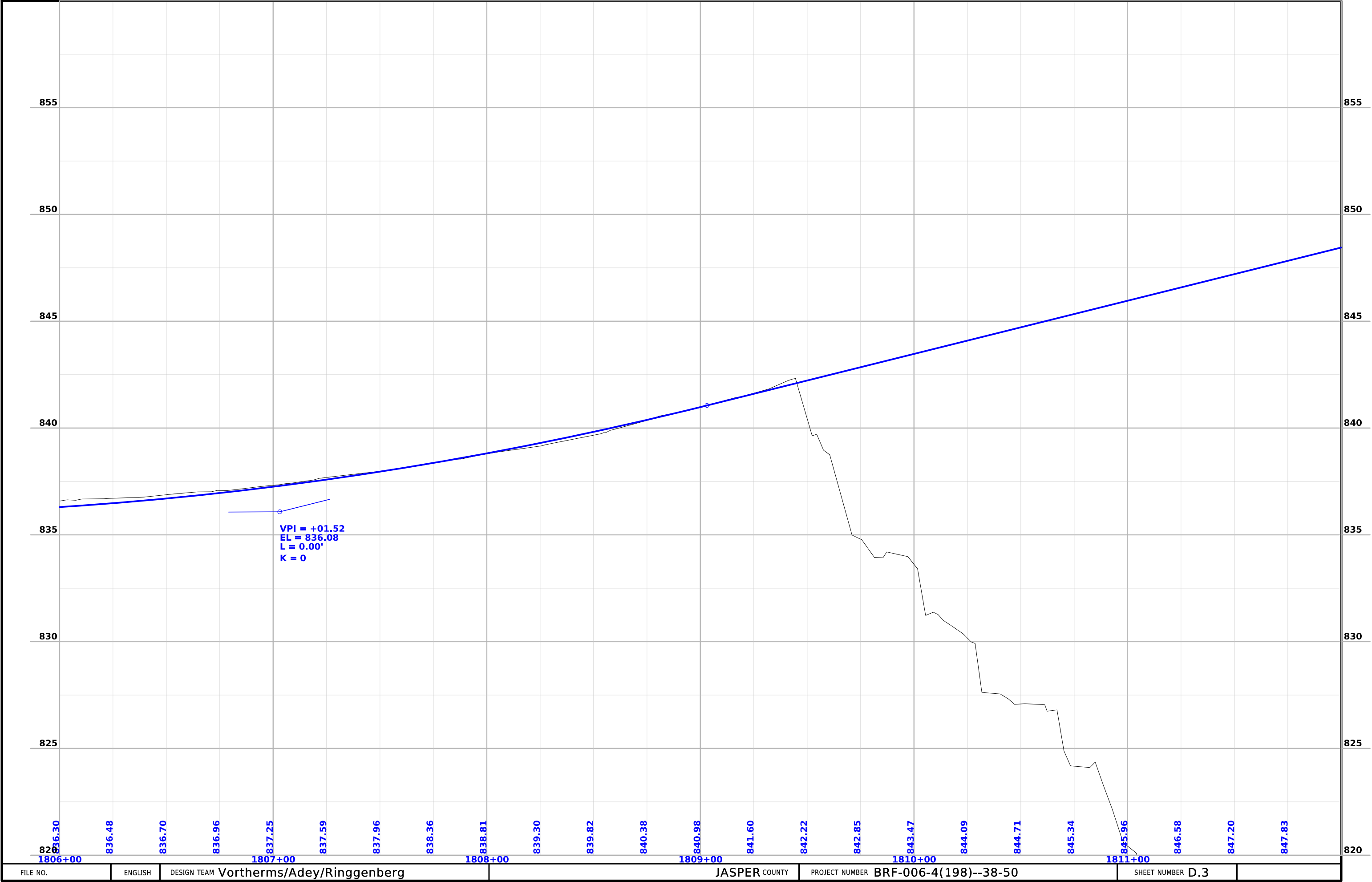
LINEWORK	Design Color No.
Green	(10) Existing Ground Line Profile
Blue	(1) Proposed Profile and Annotation
Magenta	(5) Existing Utilities
Blue, Light	(230) Proposed Ditch Grades, Left
Black	(0) Proposed Ditch Grades, Median
Rust	(14) Proposed Ditch Grades, Right



	Proposed Right-of-Way Symbol
	Proposed Right-of-Way Line
	Existing Right of Way
	Existing and Proposed Right-of-Way
	Easement and Existing Right-of-Way
	Easement (Temporary) Symbol
	Easement (Temporary) Line
	Easement
	Access Control
	Property Line Symbol
	Property Line

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





Rock Creek TWP.
T-80N R-17W
SEC. 30

1812+00

1813+00

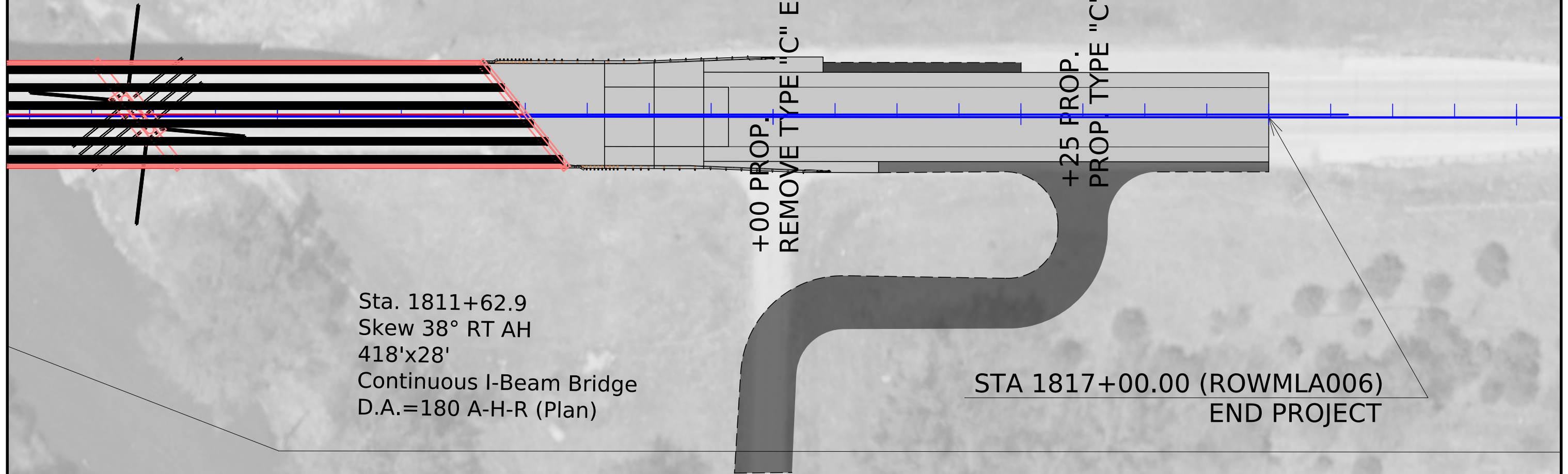
1814+00

1815+00

1816+00

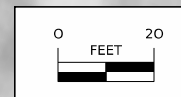
1817+00

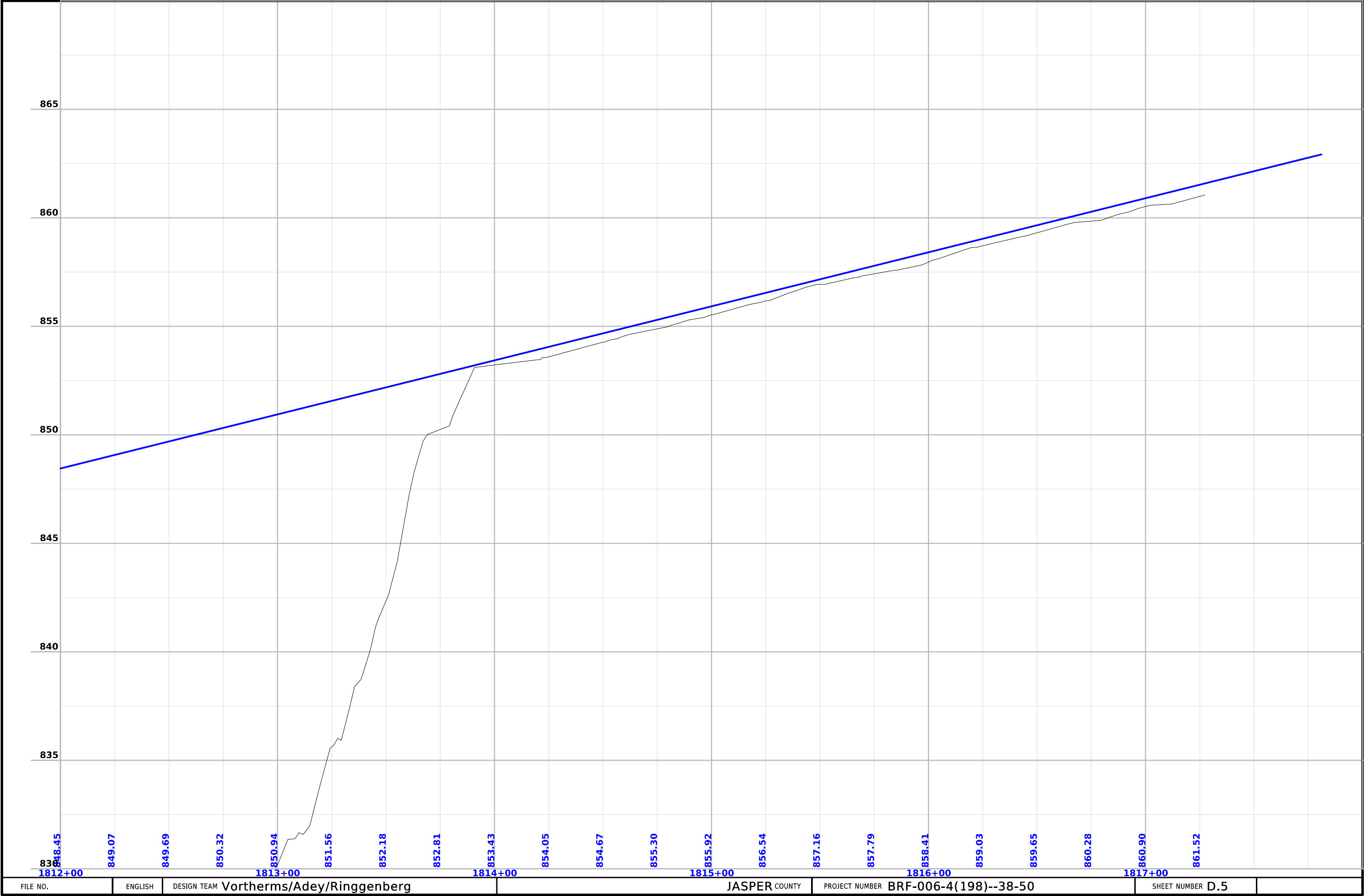
1818+00



Sta. 1811+62.9
Skew 38° RT AH
418'x28'
Continuous I-Beam Bridge
D.A.=180 A-H-R (Plan)

STA 1817+00.00 (ROWMLA006)
END PROJECT





Survey Information

SURVEY INDEX

County: Jasper
Project Code: 23-50-006-020
Phase Number: BRF-006-4(198)--38-50
Location: North Skunk River 1.3 mi E of IA 224
Type of Work: Bridge-Unspecified
Project Directory: 5000602023
SAP: 694.5

Survey Personnel

Myron Fox – Survey Party Chief

Date(s) of Survey

Begin Date 07/30/2024
End Date 10/14/2024

General Information

This survey is for Hwy 6 North Skunk River Bridge, 1.3 mi East of IA 224. This survey request was for the Hwy 6 corridor only. This project is a Full Field DTM survey.

Utility Information

For logging data and other utility details see Utility Survey and Ownership Report in the Utility folder of the PrelimSurvey project directory.

Project Control

Coordinates were determined for primary project control points by conducting concurrent six-hour static observations. Post processing is constrained to nearby Iowa Real Time Network reference stations. For additional details of the control survey, contact the Preliminary Survey department.

PROJECT DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 ADJUSTMENT)
COORDINATE SYSTEM: IOWA REGIONAL COORDINATE SYSTEM ZONE 09
(U.S. SURVEY FOOT)
VERTICAL DATUM: NAVD88
GEOID MODEL: 2018u3

Alignment Information

Alignment for this project was provided by the District 1 Land Survey Office.

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) for EPOCH 2010.00 (IaRTN 2019 Adjustment) - Iowa RCS Zone 09 (U.S. Survey Foot)

VERT. DATUM: NAVD88 - Geoid Model: 2018u3

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) for EPOCH 2010.00 (IaRTN 2019 Adjustment)
Ia. Regional Coordinate System Zone 09 (U.S. Survey Foot)
VERT. DATUM: NAVD88
Geoid Model: 2018u3

Point Name	Northing	Easting	Elevation	Code Description
300	7729164.49	19480833.28	859.39	CP SET IDOT FENO MONUMENT
301	7729516.23	19483068.79	851.86	CP SET 5/8IN X 42IN REBAR
302	7729759.48	19483715.49	863.51	CP FOUND 5/8IN REBAR
303	7731687.13	19479286.98	848.92	CP SET IDOT FENO MONUMENT

108-23A
08-01-08

TRAFFIC CONTROL PLAN

Traffic shall be detoured with off-site detour route found on sheet J.2.
Contractor shall sign and maintain detour route.

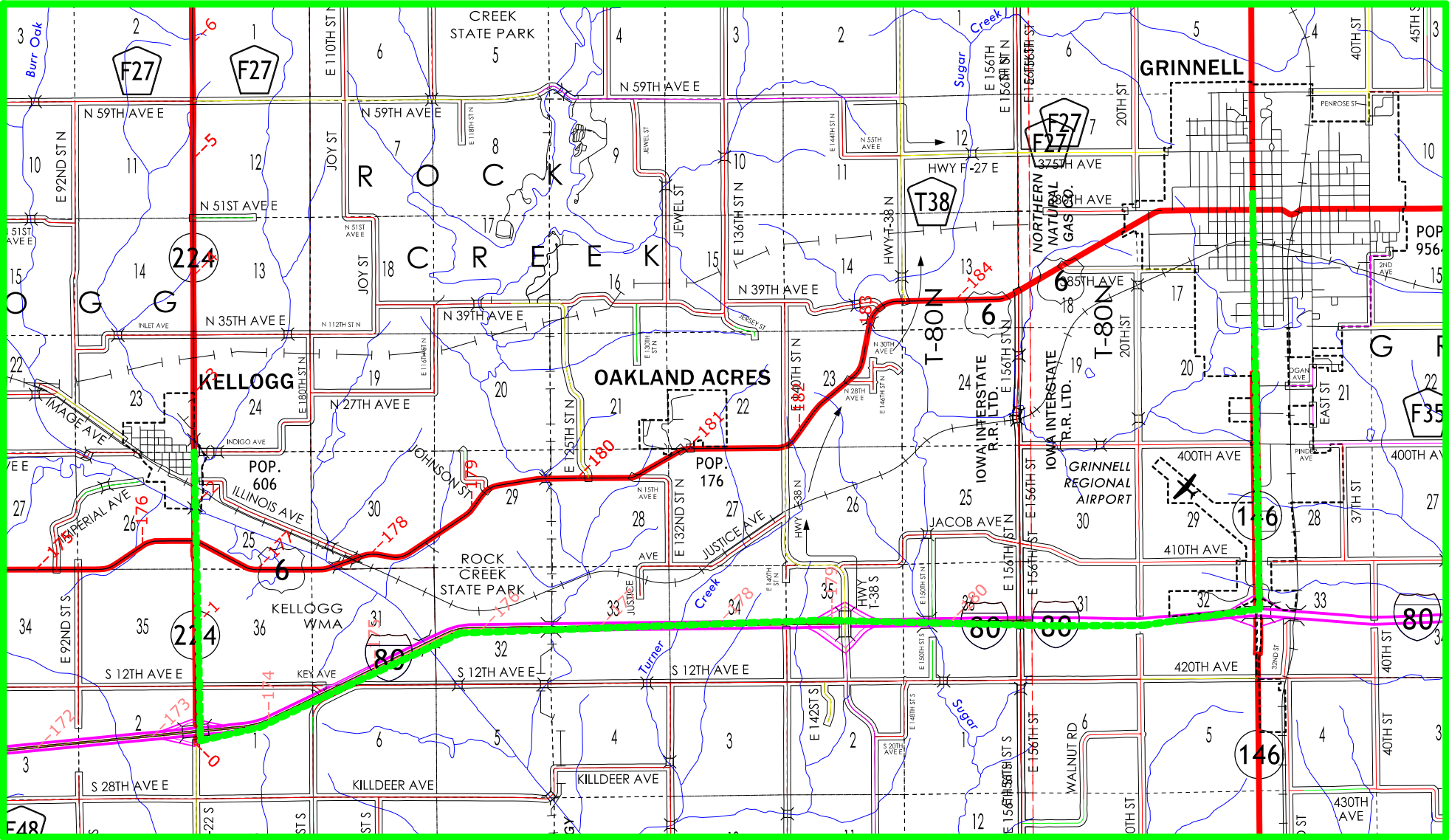
511 TRAVEL RESTRICTIONS												108-25 10-21-14
Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No., Structure ID, or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
U.S. 6	EB/WB	JASPER	US 6 bridge over the North Skunk River 1.3 mi E of IA 224	US 6 bridge (5077.75006)	Traffic Control Device	5077.75006	Horizontal					

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
PROVIDED AT FINAL DESIGN	



----- DETOUR ROUTE

Rock Creek TWP.
T-80N R-17W
SEC. 30

1813+00



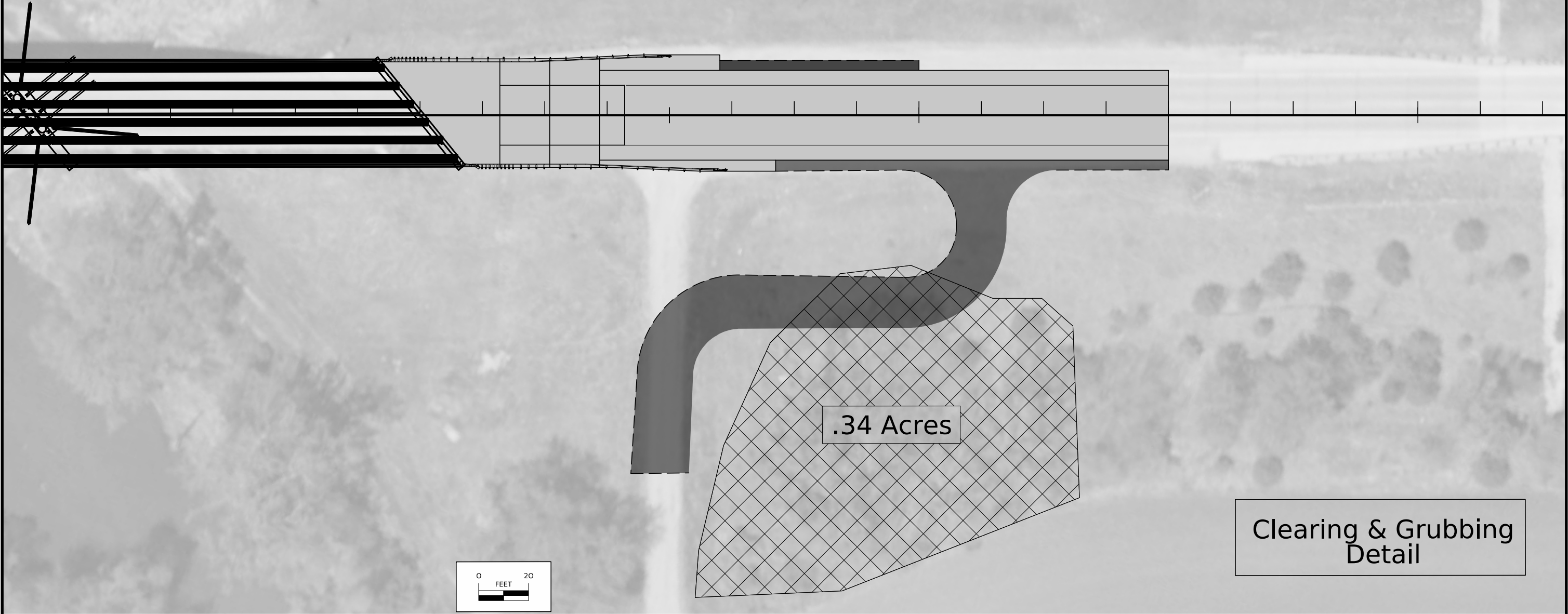
1814+00

1815+00

1816+00

1817+00

1818+00

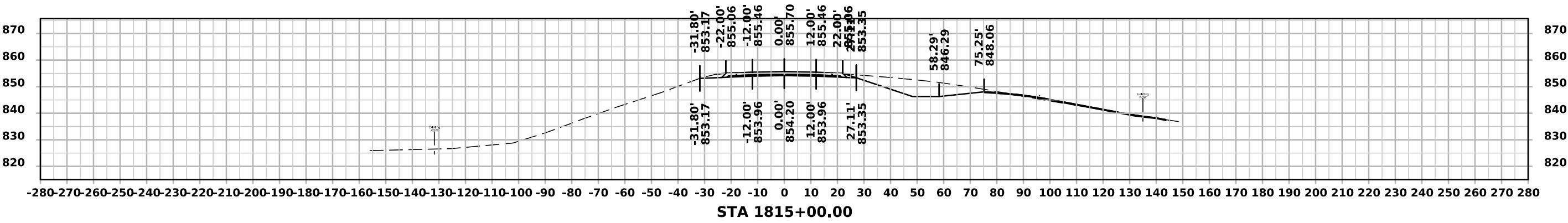
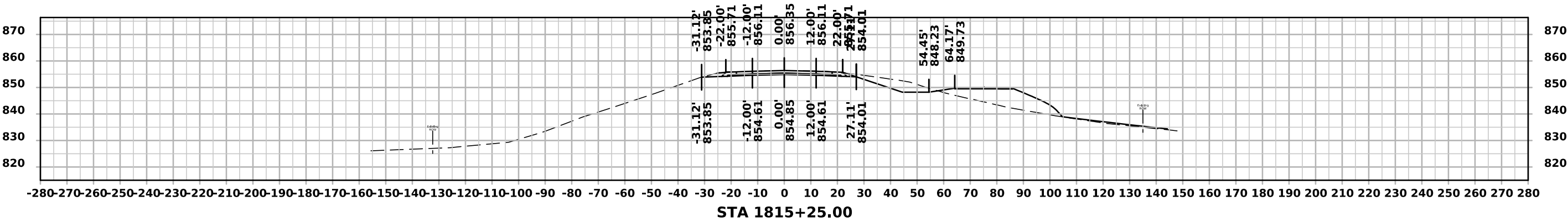
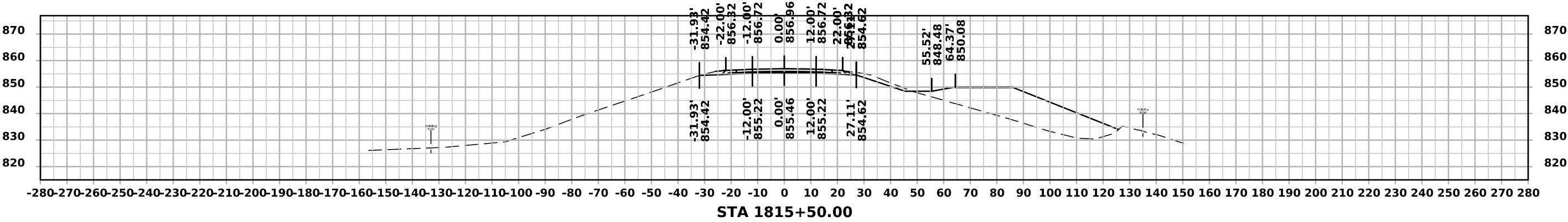


.34 Acres

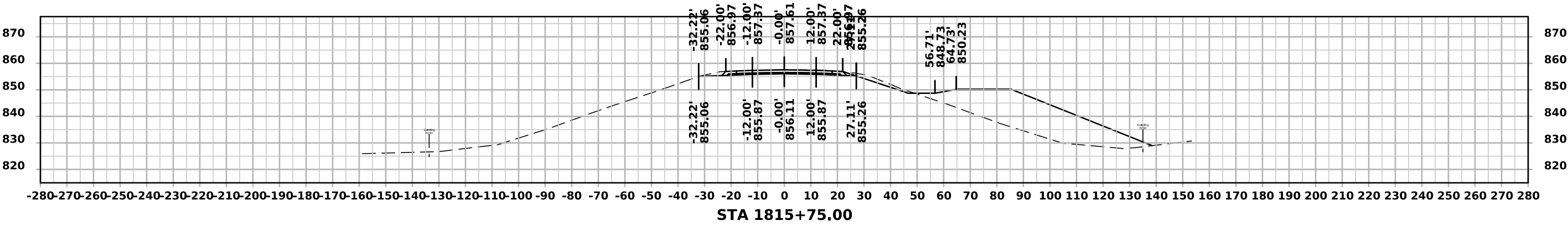
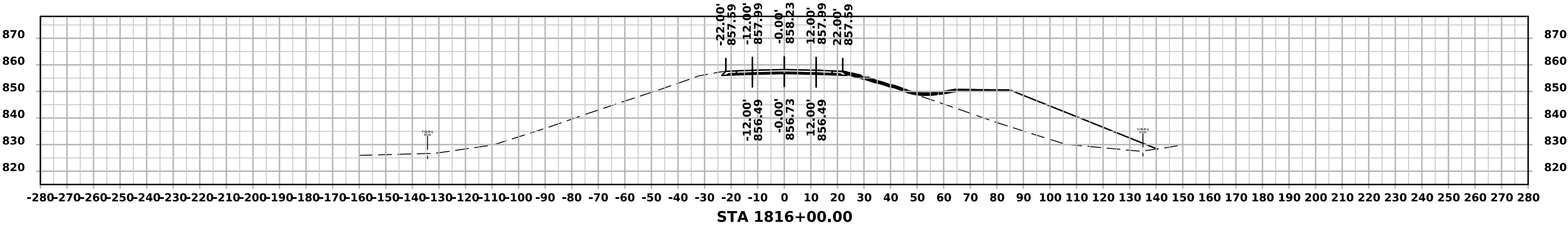
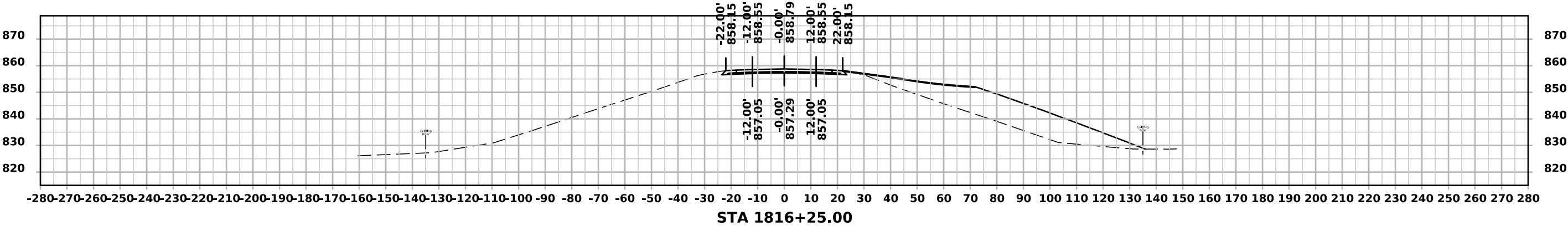
Clearing & Grubbing
Detail

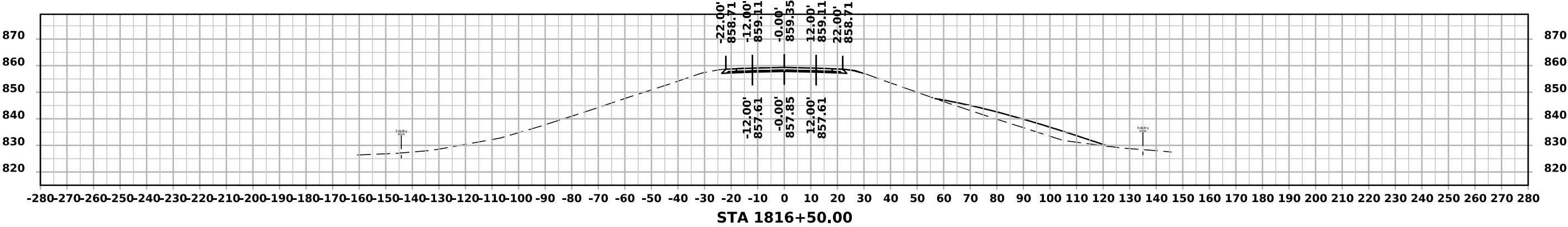
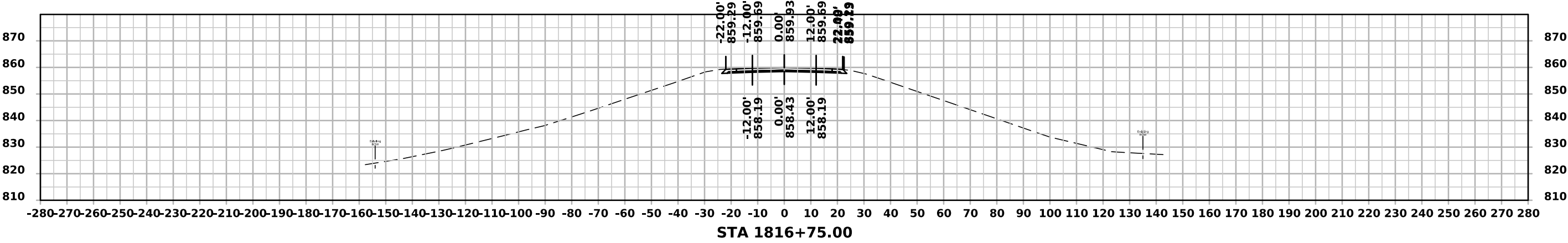
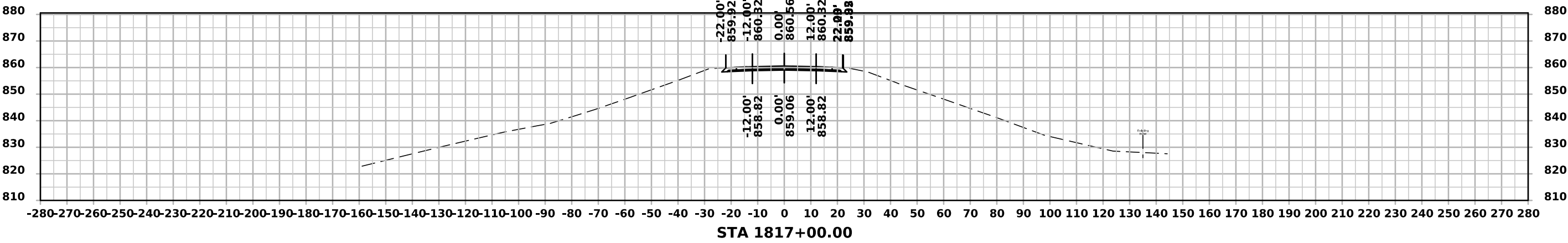
FILE NO.	ENGLISH	DESIGN TEAM Vortherms/Adey/Ringgenberg	JASPER COUNTY	PROJECT NUMBER BRF-006-4(198)--38-50	SHEET NUMBER U.1
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ML - US 6

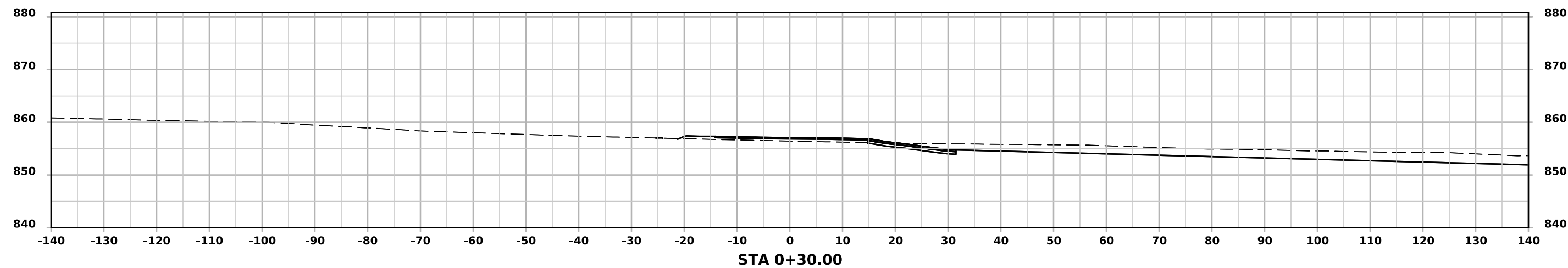
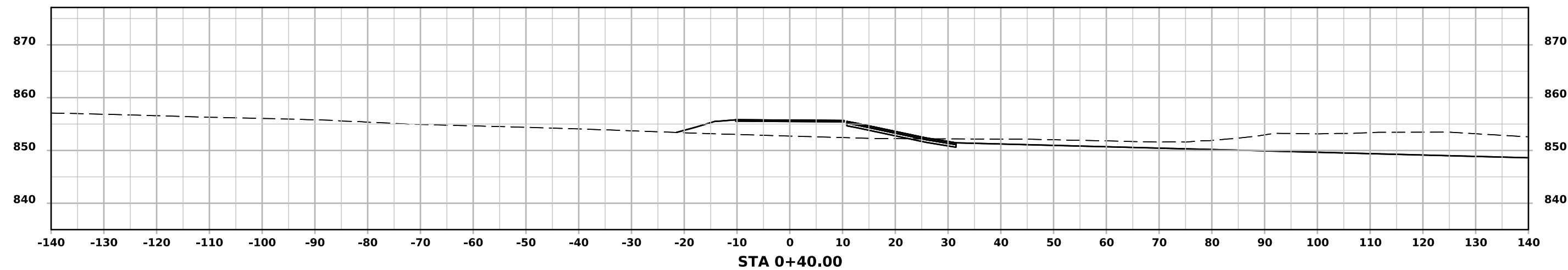
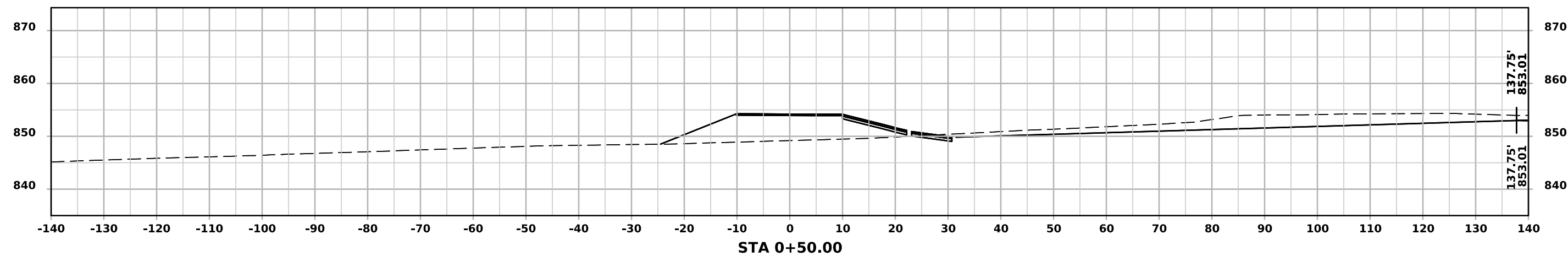


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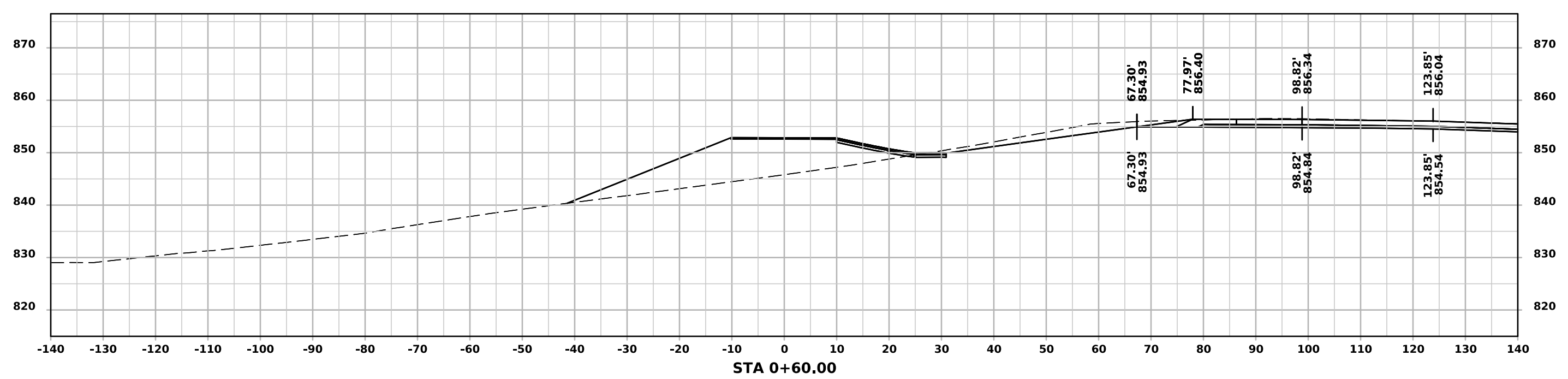
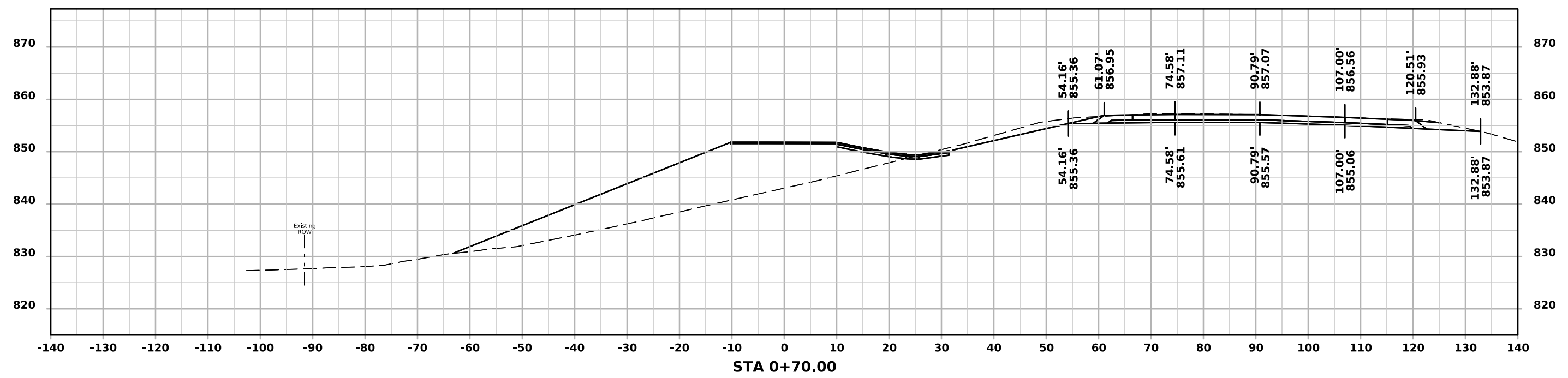




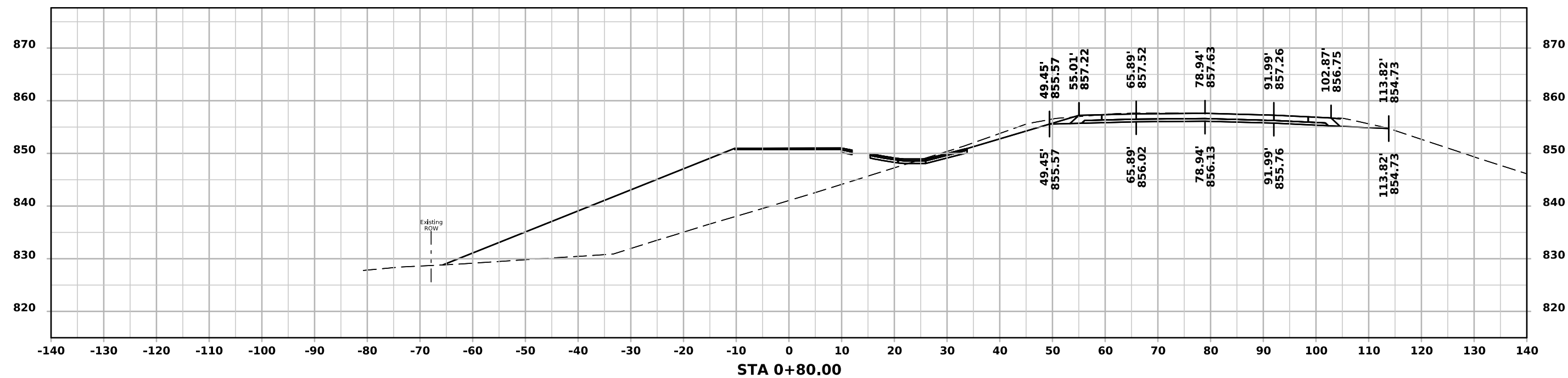
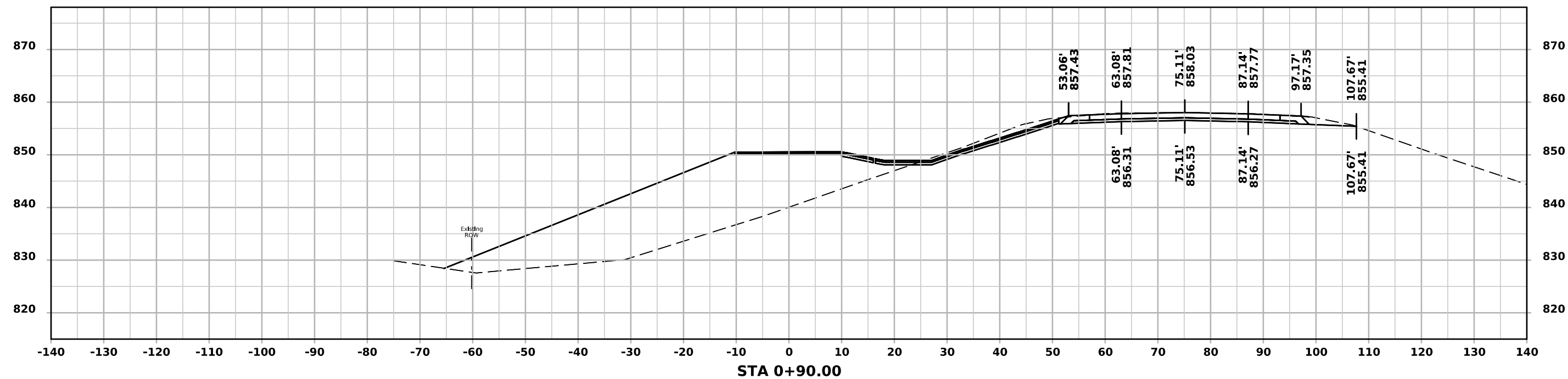
Field Entrance



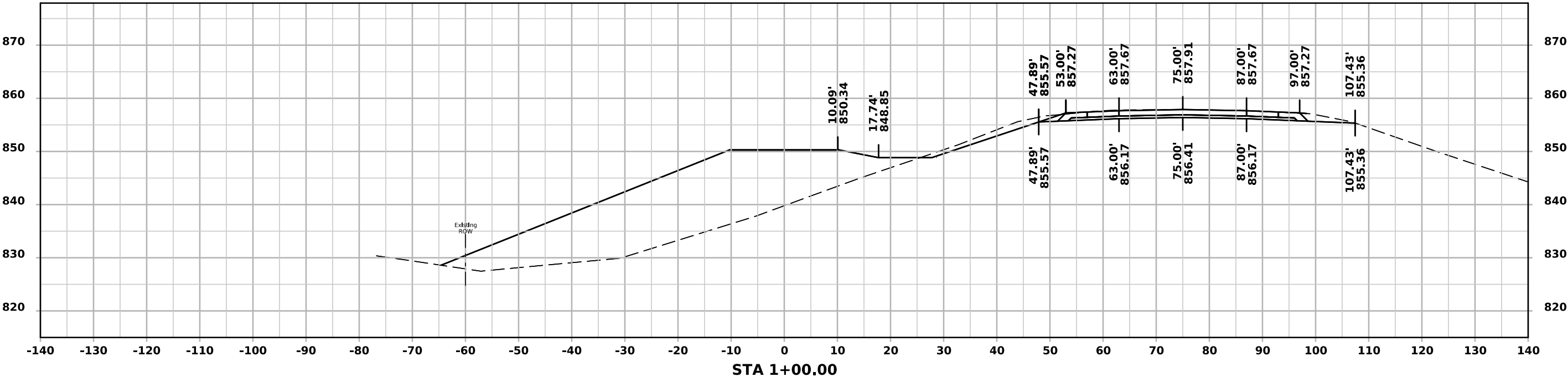
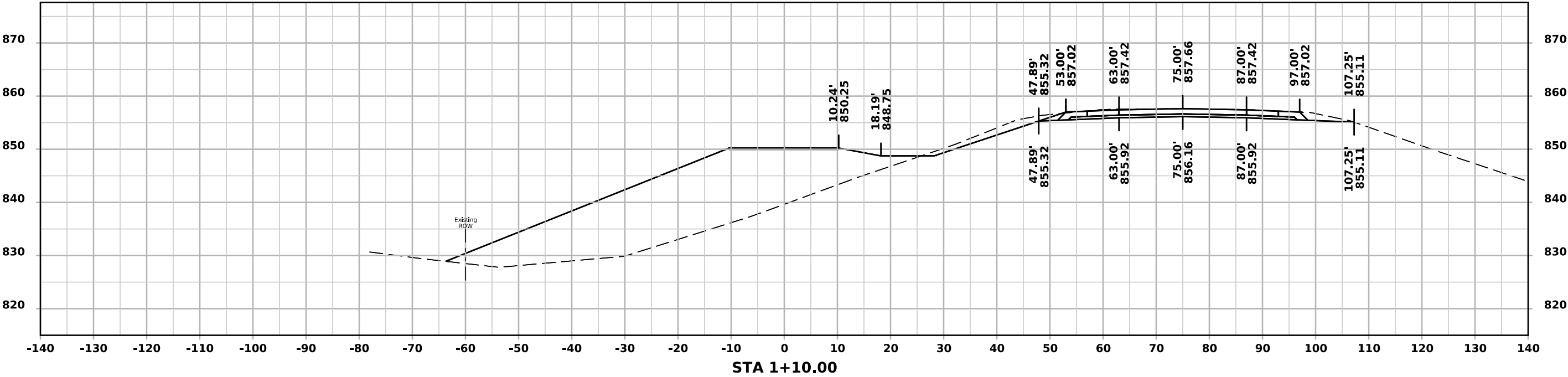
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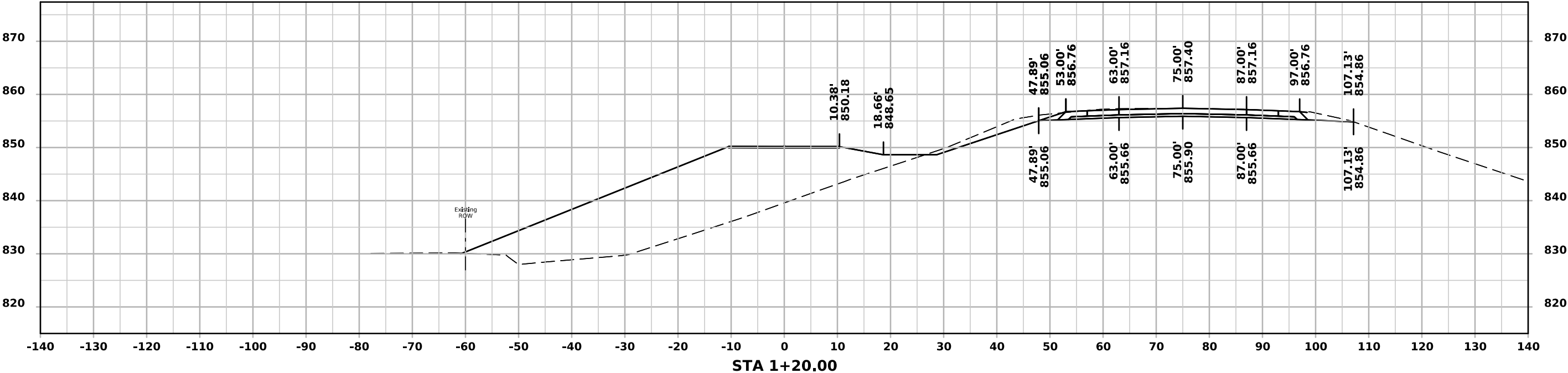
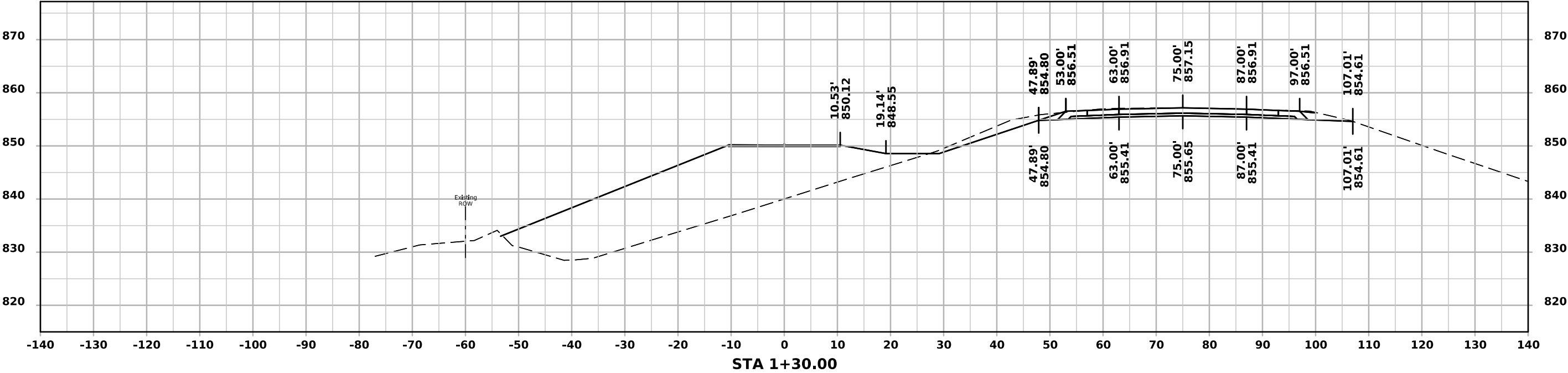
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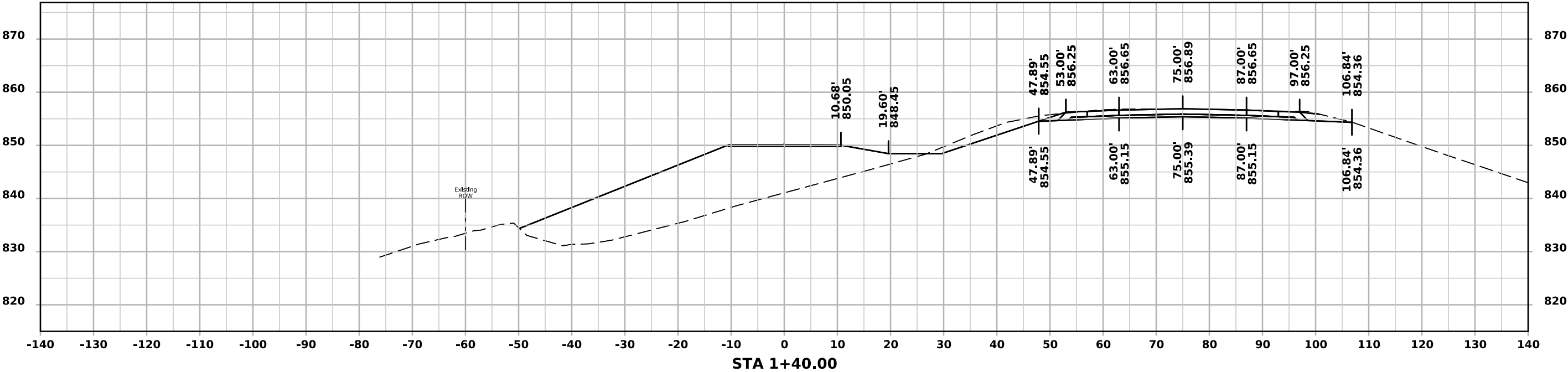
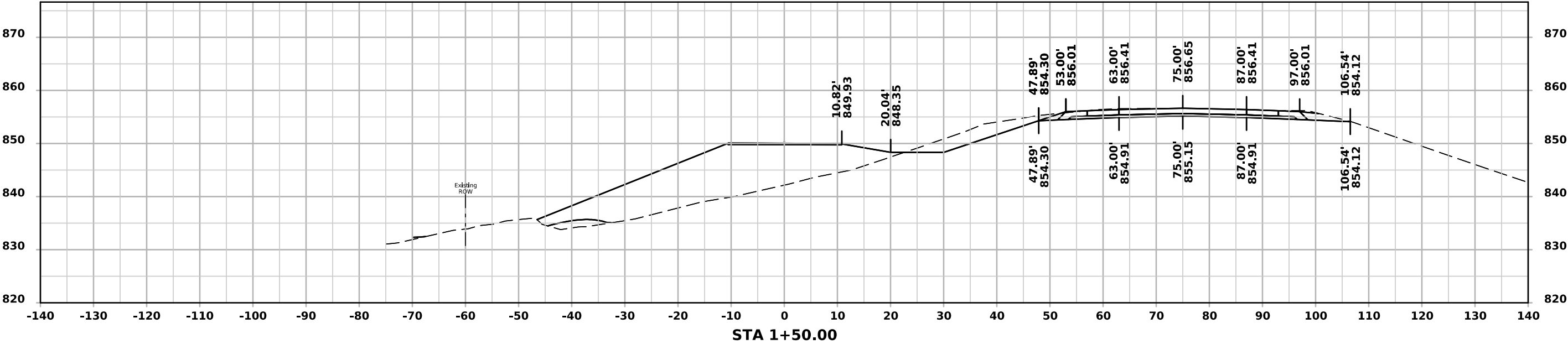
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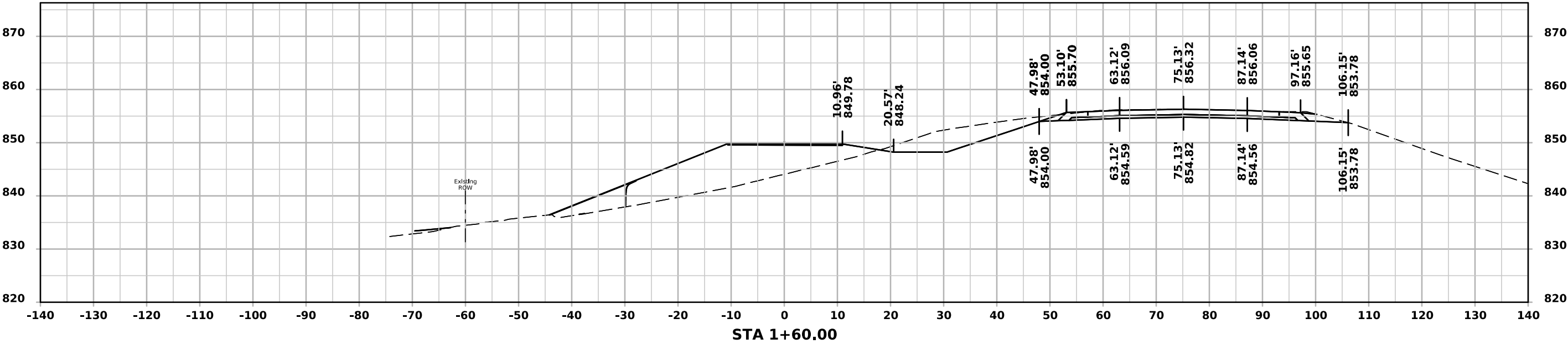
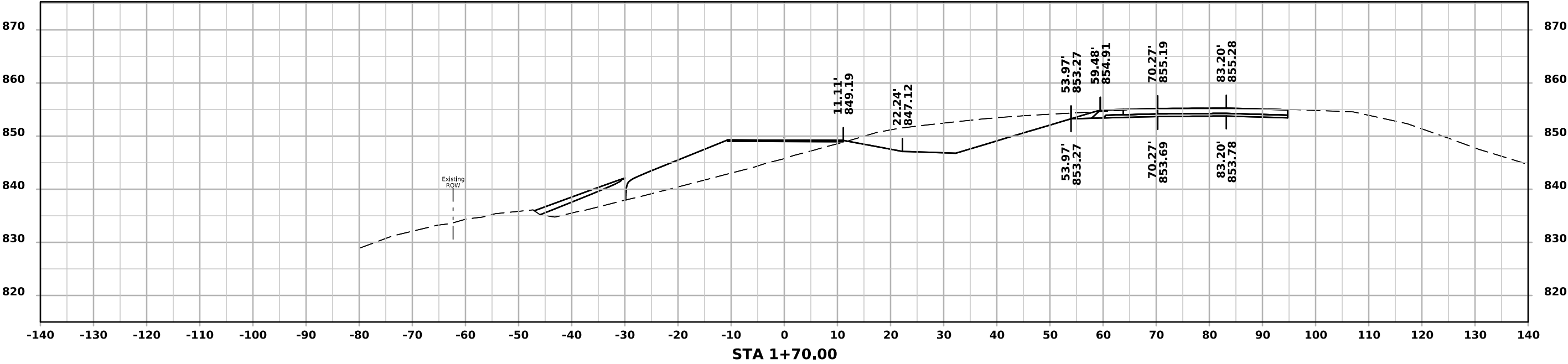
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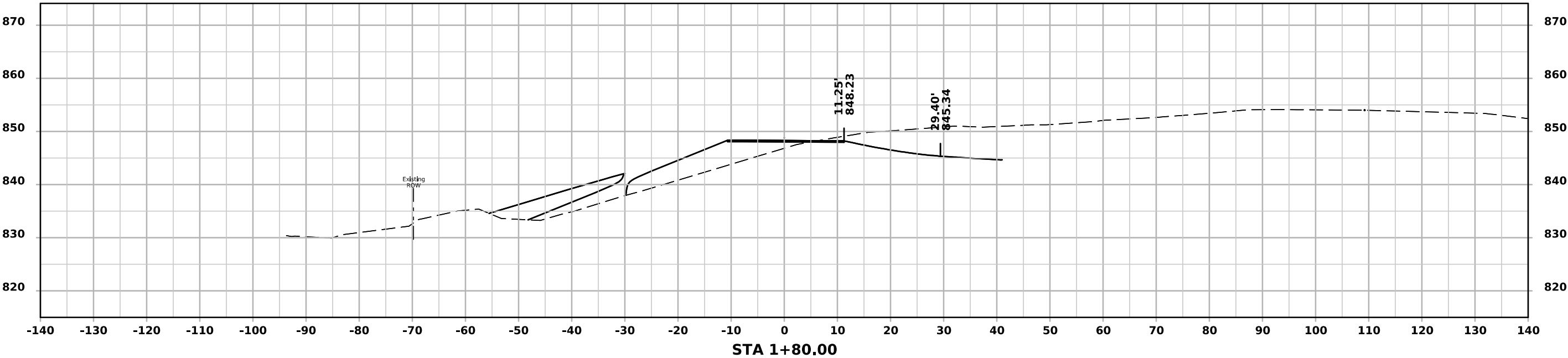
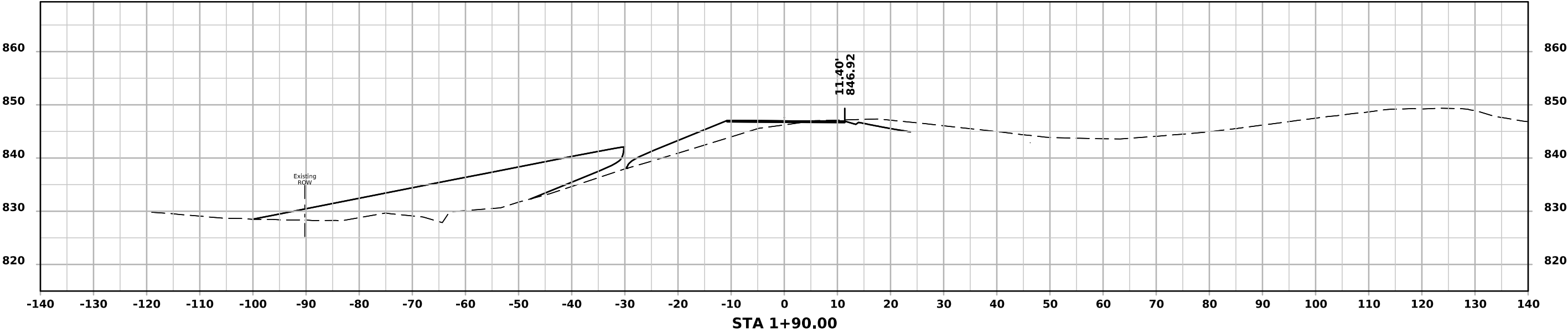
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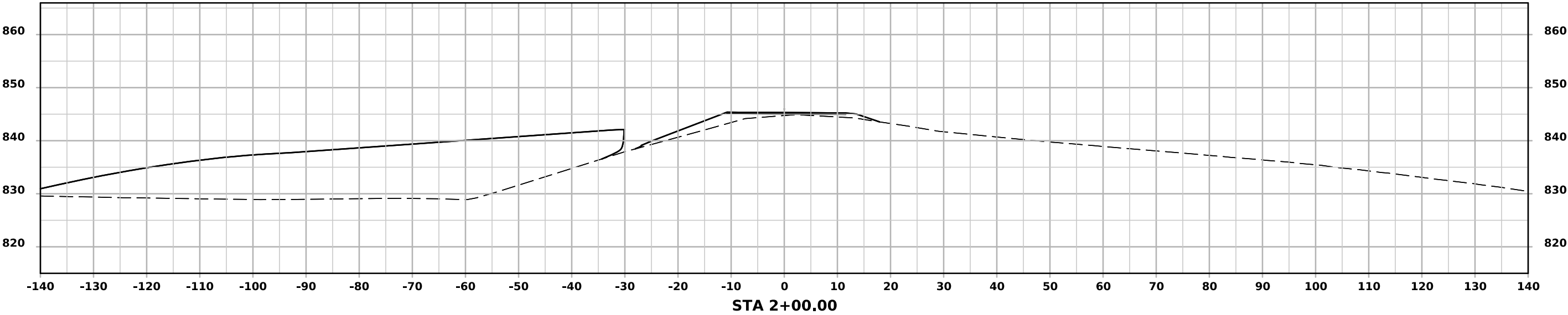
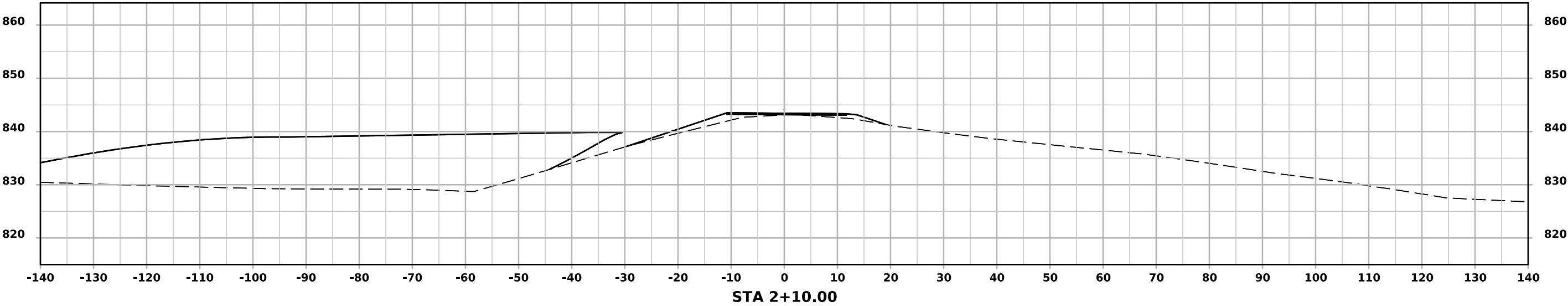
Field Entrance



Field Entrance



Field Entrance



Field Entrance

