LETTING DATE XX-XX-XXXX

PRELIMINARY ENGINEERING NHSX-063-3(93)--3H-62

MAHASKA Co.

INDEX OF SHEETS

IOWA DOT

Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

MAHASKA COUNTY

PRELIMINARY ENGINEERING

NW Bypass of Oskaloosa

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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

IOWA ONE CALL
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www.iowaonecall.com
811 Know what's below. Call before you dig.

REVISIONS

TOTAL
781

PROJECT IDENTIFICATION NUMBER
13-62-063-020
PROJECT NUMBER
NHSX-063-3(93)--3H-62
R.O.W. PROJECT NUMBER
NHSN-063-3(94)--2R-62

Grading: NHSX-063-3(95)--3H-62
Letting Date: 7-18-23

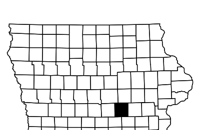
Paving: NHSX-063-3(98)--3H-62
Letting Date: 7-15-25

Preliminary Earthwork:

Cut = 1,760,835 CY

Fill + 30% shrink = 1,055,127 CY

For Project Location Map
Refer to Sheet A.2



US63 Through Oskaloosa

DESIGN DATA RURAL

2014	AADT	5,300-7,500	V.P.D.
2040	AADT	5,200-8,800	V.P.D.
20--	DHV	--	V.P.H.
TRUCKS		8-13	%
Total Design ESALs		--	

US63 North of Oskaloosa

DESIGN DATA RURAL

2014	AADT	3,500-4,500	V.P.D.
2040	AADT	4,200-6,700	V.P.D.
20--	DHV	--	V.P.H.
TRUCKS		12-20	%
Total Design ESALs		--	

INDEX OF SEALS

SHEET NO.	NAME	TYPE
A.1	X	Primary Signature Block

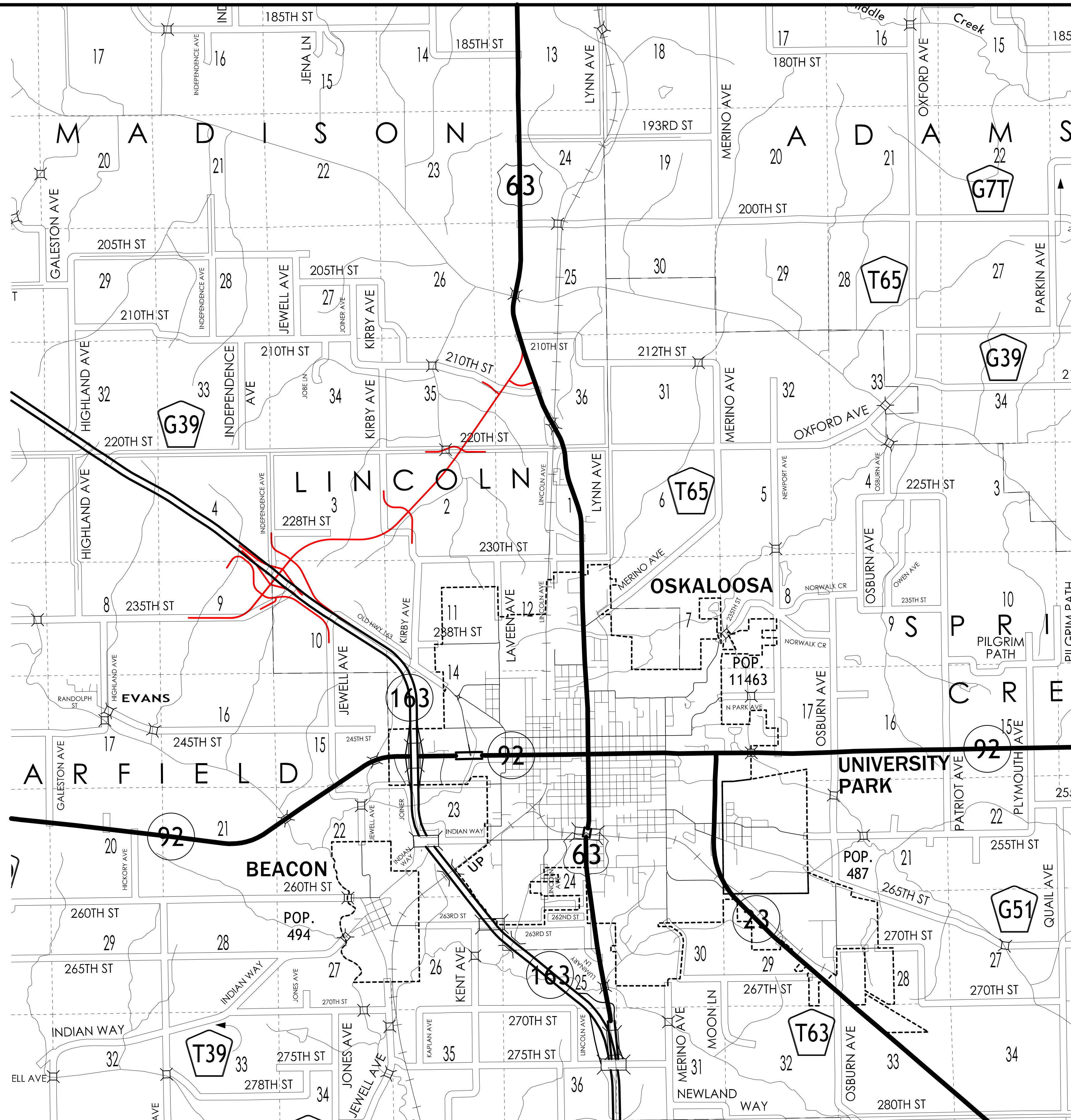
PRELIMINARY PLANS

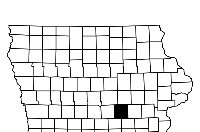
Subject to change by final design.

D2 PLAN – Date: 5–15–20

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER A.1

2:05:46 PM 5/14/2020 pflatte pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\6206302013\Design\(093)_Preliminary Engineering\CADD_Files\Sheet_Files\62063093_A01.dgn





LOCATION MAP SCALE

0 0.5 1 1.5

Miles

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Johnson	MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER	A.2

2:05:48 PM 5/14/2020 pflatte pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\6206302013\Design\(093)_Preliminary Engineering\CADD_Files\Sheet_Files\62063093_A01.dgn

P00 Planning Concept Statement
U.S. 63 Bypass of Oskaloosa
Mahaska County

Project No.: NHSX-63-3(93)—3H-62
PIN: 13-62-063-020
Date: August 24, 2018

I. PROJECT DESCRIPTION AND HISTORY

A. Project Description

The project consists of a two-lane highway on new alignment north and west of the City of Oskaloosa from Iowa 163 to U.S. 63. An interchange will be added on Iowa 163 at a realigned 235th St. with an intersection at U.S. 63 near 210th St.

B. Project History

The Iowa Department of Transportation initiated a U.S. 63 Corridor Location Study for a northwest bypass road around Oskaloosa in 2013. The purpose of the

study was to look at safety improvements and traffic operations for the corridor by re-routing truck traffic around Oskaloosa.

C. Need for Project

The projects provide for a U.S. 63 northwest bypass to help improve the safety and operations of U.S. 63 by re-routing truck traffic around Oskaloosa instead of through the city. The crash rates on the segment of U.S. 63 within the Oskaloosa city limits is approximately twice the statewide average for similar roadways with 459 crashes between 2003 and 2012. Traffic volumes on existing U.S. 63 through Oskaloosa and on existing U.S. 63 just north of Oskaloosa are projected in increase as well.

D. Environmental Status

The Environmental Assessment (EA) has been completed and was signed on 8/15/2017. The Finding of No Significant Impact (FONSI) was signed on 5/15/2018. Both documents can be referenced in the links below:

FONSI
pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\NEPA\021_NEPA_Decision_Doc_(CE_FONSI_ROD)\20180515_021_SignedFONSI.pdf

Environmental Assessment (EA)
pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\NEPA\020_Doc_Final\020_20170815_Signed-US_63_NW_Oskaloosa_Bypass_EA_FINAL.pdf

The NEPA/404 Concurrence proves was followed for this project. Concurrence Point 1 (CP1) and Concurrence Point 2 (CP2) were presented on 10/8/2014. Only CP1 was concurred on by the resource agencies on that day and CP2 was revisited on 4/7/2015 where the resource agencies concurred with CP2. Concurrence Point 3 was presented to the resource agencies on 2/16/2016 where the agencies concurred. Concurrence Point 4 was concurred with on March 5, 2018.

The NEPA/404 Concurrence process presented the corridor study area that was used to investigate all the environmental resources (i.e. wetlands, streams, cultural, etc.). All the resources within the corridor study area were documented. The study area can be referenced in the link below:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\62063093.ole

Model: Project Overview
Level Name: oleProjectStudyArea

For each alternative within the corridor study area, an impact area was established. The impact area for each alternative was developed based on the estimated intercept line with a buffer added to account for modifications due to further design refinements. The intent of the impact area is that any/all refinements made to an alignment will stay within the impact area. The impact area is what is cleared through the environmental document. A link to the NEPA cleared area for the preferred alternative can be found below.

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\62063093.ole

Model: Project Overview
Level Name: oleNEPAClearedArea

E. Public Involvement Summary
The following is a summary of the public involvement activities that took place for the project.

August 15, 2013 – Public meeting held to discuss a potential U.S. 63 bypass of Oskaloosa and introduce the project study area. The summary booklet is located at the following link:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\PublicInvolvement\2013-8-15PIM\Summary_Transcript\2013-8-15PIM_SummaryBooklet.pdf

April 16, 2014 – Public meeting held to discuss conceptual alternatives for the bypass as well as the project study area. Alternatives introduced and discussed were alternatives 1, 2, and 3. The summary booklet is located at the following link:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\PublicInvolvement\2014-4-16PIM\Summary_Transcript\2014-4-16PIM_SummaryBooklet.pdf

December 16, 2014 – Public meeting held to discuss the refined alternatives as well as the project study area. Alternative 3 has been eliminated and two new alternatives were introduced in addition to the revised alternatives 1 and 2. The summary booklet is located at the following link:

Mahaska County
NHSX-63-3(93)—3H-62
13-62-063-020

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\PublicInvolvement\2014-12-16PIM\Summary\2014-12-16PIM_SummaryBooklet.pdf

November 2, 2017 – Public Hearing was held to discuss the proposed improvements from IA 163 to North of Oskaloosa on US 63. Below is the link to the public hearing transcript:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\PublicInvolvement\2017-11-02_PH\Transcript\TRANSCRIPT_NWOskaloosaBypass_FINAL.pdf

II. EXISTING CONDITIONS

A. Present Facility
U.S. 63 is the primary north-south travel rout through Oskaloosa and varies between two, three and four travel lanes wide. The typical section varies between curb and gutter and a rural cross section. There is currently no bypass north west of Oskaloosa.

B. Traffic Estimates
The 2014 traffic volumes on existing U.S. 63 through Oskaloosa ranged from 5,300 to 7,500 vehicles per day (vpd) with 7 to 11% trucks. On existing U.S. 63 north of Oskaloosa, the volumes ranged from 3,500 to 4,500 vpd with 12 to 16% trucks. By 2040, the traffic volumes on these same segments are projected to increase to between 5,200 to 8,800 vpd with 8 to 13% trucks and 4,200 to 6,700 vpd with 12 to 20% trucks, respectively. The 2040 projections assume that the roadway characteristics remain the same as exists today.

Below is the link to the traffic information that was received:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\TrafficData\Volumes\2017_01_23_Alt_1A_Traffic.xlsx

C. Access Control
U.S. 63, within the study area is presently is priority 4 north of town and is not classified through town. IA 163 is priority 1 access control beginning at the intersection of Jewell and continues south. Once the interchange is constructed, extending priority 1 access control further northwest on IA 163 should be considered.

The new bypass was concepted as priority II access control. Only county road connections would be allowed for direct access to the new bypass.

D. Crash History

A crash analysis was performed for the study area along U.S. 63 within the Oskaloosa city limits using the Iowa DOT software Safety Analysis, Visualization and Exploration Resource (SAVER). Between 2010 and 2014, a total of 171 crashes on U.S. 61 within the Oskaloosa corporate limits. The total number of crashes resulted in a crash rate of 451 crashes per 100 million vehicle miles traveled, which is approximately 1.8 times the 5 year statewide crash rates for similar roadways. The length of the route within the corporate limits is 3.1 miles.

The following link provides the crash information along with the crash rate calculators of the crashes between 2010 and 2014 for the different segments:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\TrafficData\Crash\2014_Crash_Rates\

III. ALTERNATIVES ANALYSIS

A. Range of Alternatives

A range of alternatives was developed that include a new two-lane highway on new alignment located north and west of Oskaloosa with an interchange at IA 163 and an at grade intersection with existing U.S. 63. Design Criteria was consistent for all alternatives and the worksheets can be found at:

Ramp Design Criteria
pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\LocationDesign\Design Criteria Ramps.xlsm

Mainline Design Criteria
pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\LocationDesign\Design Criteria Two_laneRural.xlsm

Alternative 1

Alternative 1 begins with an interchange on IA 163 at 235th Street. The interchange includes an access road for connections to Independence Avenue and Old Highway 163 on the north side of the interchange and a connection from Jewell Avenue and Northshore Drive to 235th Street on the south side of the interchange. The alignment for Alternative 1 travels in a northeasterly direction from the proposed interchange with IA 163. It crosses Kirby Avenue, 220th Street, and 210th Street before reconnecting with existing U.S. 63 south of the Oskaloosa water treatment plant and the South Skunk River.

Alternative 1 was dismissed because it impacts a pipeline valve field, resulting in the development of Alternative 1A.

The following link contains the display of this Alternative as presented at the April 16, 2014 public information meeting:

Mahaska County
NHSX-63-3(93)—3H-62
13-62-063-020

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\PublicMeetings\20140416_PIM\US_63Scroll.pdf

Old Alternative 2

Old Alternative 2 is similar to Alternative 1 except it uses a portion of Kirby Avenue as its alignment and connects to existing U.S. 63 at a different location than Alternative 1. After crossing 210th Street, Old Alternative 2 begins to curve northeast to cross the South Skunk River west of the existing U.S. 63 river crossing. After crossing the river, Old Alternative 2 curves to the north and reconnects with existing U.S. 63 north of the South Skunk River.

The following link contains the display of this Alternative as presented at the April 16, 2014 public information meeting:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\PublicMeetings\20140416_PIM\US_63Scroll.pdf

Alternative 2

Alternative 2 is similar to Old Alternative 2 except it uses north/south property lines located approximately 0.5 miles east of Kirby Avenue as its alignment and has a different connection point to existing U.S. 63 than Old Alternative 2. After crossing 210th Street the alignment curves to the northeast crossing the South Skunk River west of the existing U.S. 63 river crossing. Alternative 2 continues northeast to connect with existing U.S. 63 near the intersection of 200th Street.

Alternative 2 was dismissed due to its impacts on Waters of the U.S./Streams, environmental impacts, and the additional added miles and bridges that would require additional maintenance to the roadway system as compared with the other alternatives. Additional river crossings would be needed under this alternative that could impact potential sites of cultural significances near the river bank.

The following link contains the display of this Alternative as presented at the December 16, 2014 public information meeting:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\PublicMeetings\20141216_PIM\US_63_121514_PIM1.pdf

Alternative 3

Alternative 3 begins at the Iowa 163/235th St. intersection and extends northeasterly. It turns north onto the property line approximately one-quarter mile west of the Kirby Avenue alignment and extends to the intersection with 210th Street. It then curves back to the northeast to cross the South Skunk River west of the existing U.S. 63 river crossing. After crossing the river, the new alignment curves back to the north and reconnects with existing U.S. 63.

Alternative 3 was dismissed due to its alignment location being closer to the proposed airport located just west of Independence Avenue and the exiting terrain which would require more grading and earthwork than the other alternatives. Therefore Alternative 3 was dismissed.

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\PublicInvolvement\2014-4-16PIM\PIM_PH_Materials\2014_04_16_PIM_Display.pdf

Alternative 4

Alternative 4 begins at the Jewell Avenue with a new interchange and extends northeasterly. It continues northeast crossing Kirby Avenue, 220th and 210th streets before connecting with U.S. 63 with an intersection south of the Oskaloosa water treatment plant and the South Skunk River.

Alternative 4 was dismissed because it impacts the pipeline valve field and impacts 6 homes compared to Alternative 1A.

The following link contains the display of this Alternative as presented at the December 16, 2014 public information meeting:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\PublicInvolvement\2014-12-16PIM\PH_PIM_Materials\2014-12-16PS_Final.pdf

Alternative 5

Alternative 5 would begin at the Jewell Avenue interchange. After crossing Kirby Avenue, the alignment proceeds north to follow existing property boundaries approximately one-half mile east of Kirby Avenue. The alignment would continue to just north of 210th Street where it would then curve to the northeast crossing the South Skunk River west of the existing U.S. 63 river crossing. The alignment would continue northeast to connect with existing U.S. 63 near the intersection of 200th Street.

Alternative 5 was dismissed due to the impacts on Waters of the U.S./Streams, environmental impacts, and the additional added miles and bridges that would require additional maintenance to the roadway system as compared with the other alternatives. Additional river crossings would be needed under this alternative that could impact potential sites of cultural significances near the river bank.

Mahaska County
NHSX-63-3(93)—3H-62
13-62-063-020

The following link contains the display of this Alternative as presented at the December 16, 2014 public information meeting:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\PublicInvolvement\2014-12-16PIM\PH_PIM_Materials\2014-12-16PS_Final.pdf

IV. RECOMMENDED ALTERNATIVE

A. Preferred Alternative

The preferred alternative for this area is Alternative 1A. Alternative 1A begins with a connection to 235th Street, which is realigned to the northwest of existing 235th Street and includes a new interchange at IA 163. The alignment extends northeasterly then curves east approximately ¼ mile and then curves back northeasterly. It crosses Kirby Avenue, 220th Street, and 210thStreet before reconnecting with US 63 south of the Oskaloosa water treatment plant and the South Skunk River.

A value engineering study was conducted and three tweaks were incorporated into Alternative 1A from what was shown in the Environmental Assessment. The tweaks include:

1. Modifying the gravel connections at Kirby Avenue
2. An approx. 300' easterly shift in mainline near Kirby Avenue
3. A southerly shift of the new paved connection at 210th St

The link to the preferred alternative can be found at:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\PublicMeetings\20171102_PH\VE_11x17.pdf

After reviewing the reasonable alternatives under consideration Iowa DOT has identified Alternative 1A as the preferred alternative. This alternative is preferred because it meets the project purpose and need, while minimizing overall impacts. Table 1 below summarizes the impacts of all the alternatives.

Table 1: Preliminary Comparison of Alternative Impacts

Resource	No Build	Build Alternatives						
		1	1A	2	Old 2	3	4	5
Total Acres (acres)	0	392	391	494	444	498	377	427
Historic Properties	0	0	1	0	0	0	0	0
Floodplains (acres)	0	13	12	32	66	21	14	69
Prairies (acres)	0	0	0	0	0	0	0	0
Recreational / Wildlife Areas (acres)	0	0	0	0	0	0	0	0
Regulated Materials (parcels, acres)	0	2, 5	2, 2	0	2, 18	0	2, 5	2, 5
Sovereign Lands (acres)	0	0	0	0	0	0	0	0
Special Rivers (linear feet)	0	0	0	0	0	0	0	0
Waters of the U.S. (linear feet)	0	3,214	3,690	3,165	2,849	7,040	2,849	7,469
Indiana Bat Habitat (acres)	0	1	0	7	15	10	1	15
Unique Land Forms	0	0	0	0	0	0	0	0
Wetlands (acres)	0	0.5	5.86	10	17	6.3	0.4	17.8
Woodlands (acres)	0	6	6	11	18	24	5	17
Businesses	0	0	0	0	0	0	0	0
Churches/ Cemetery	0	0	0	0	0	0	0	0
Farmland (acres)	0	206	252	322	275	319	161	230
Homes	0	0	5	4	5	7	6	5
Utilities	0	2	2	2	2	2	2	2

B. Interchange Operations Report (IOR)

An interchange operations report was developed for this project and the signed version can be reference in the link below:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\Concept\IJR\Final\IA163_US63-IOR_final_09122017.pdf

C. Cost Estimate

Project cost is estimated to be $35 million as of December 2017. The cost estimate can be found in the below link as well as ipDWeb. Refer to the following link for estimates on various components of the project:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\Cost_Schedule\P00_Cost_Estimate.pdf

D. Design Decisions

Bridge width over IA 163 should be considered as a single-lane in each direction with a left turn lane for ramp movements.

Mahaska County
NHSX-63-3(93)—3H-62
13-62-063-020

Consideration of the right turn movement from the WB IA 163 offramp to the NB movement on the new bypass to be a yield condition and not a stop condition. This movement is one of the heavier truck movements and could help with traffic flow. The design would likely need to incorporate wider radius with a painted island. With this, sight distance needs to be considered.

The County Road connection to Northshore Drive should be paved in lieu of a gravel road connection. Below provides the link to the email from the County Engineer and District 5 Engineer discussing the matter.

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\Concept\P0Submittal\FW Northshore Drive - New Access as a County Road.msg

E. Project File Documentation

The project file documentation can be found at the following link:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\LocationDesign\Project Documentation Shell V8.xlsm

F. Staging/Construction Sequence

No special staging/construction sequence has been determined at this time.

G. Corridor Preservation Zone (CPZ)

A corridor preservation zone was approved by the Commission in the August 2018 meeting. The CPZ limits entailed a 150-foot buffer on the NEPA cleared area. Below are links to the Google Earth kmz file and map of the CPZ.

KMZ:pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\Corridor Preservation\CPZ.KMZ

MAP:
pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\Corridor Preservation\CPZ_NWBypass.pdf

H. Special Considerations

There is a proposed airport located northwest of the new interchange that was being developed at the same time as the NW Oskaloosa Bypass study. Vertical clearances were checked and were deemed acceptable with the location of the interchange when checked with the clearance needed for the airport, but should be re-verified during final design. Permits may be needed during construction activities if large equipment are used. Below is a link to the meeting minutes and display:

Meeting Minutes:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\ProjectMeetings\PMT\PMT_6\PMT_6_Minutes.docx

Display:

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\ProjectMeetings\PMT\PMT_6\Airport_Clearance.pdf

There is a historic property located on the south side of 210th St. near the NEPA cleared area and should be avoided. See page 35 of the Environmental Assessment.

It was requested that a different alignment be looked at on 210th St. during final design. This would involve constructing 210th St. on new alignment and placed on the backside (north) of the buildings located on the Debruin property (Parcel 0635200004). The parcel is located at the northwest quadrant of the intersection of US 63 and 210th St. Below provides the location of the parcel and the link to an email on what to consider.

pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\6206302013\OLE\Location\Documents\Correspondence\NW Bypass - 210th Street.msg

Mahaska County
NHSX-63-3(93)—3H-62
13-62-063-020

I. Project Management Team

District 5	Jim Armstrong
	Mark Van Dyke
	Hector Torres-Cacho
OLE	Danny Zeimen
	Tom Lovan
	Shelby Ebel
Bridges and Structures	Dave Claman
Systems Planning	Jeff Von Brown
Contracts	Scott Hanson
Design	Paul Flattery
	Angela Johnson
Traffic and Safety	Willy Sorenson
Traffic and Safety (Access Control)	Eric Wright
Traffic and Safety (Utilities)	Bryan Bradley
	Jeff McCollough
ROW	Nikki Cuva
	Scott Henning

Roadway	New US 63			
PIN Number	13-62-063-020		**Submittal Date**	01/24/20
Project Number	NHSX-63-3(93)—3H-62			**Approval Date**
District	District 5	**Assistant District Engineer**	Mark VanDyke	
County	MAHASKA	**or**		
Route	IA 163 & US 63	**Office Director**		
Location	North and west of the City of Oskaloosa from Iowa 163 to US 63.			
Work Type	Roadway Improvements			
Segment Manager	Paul Flattery			
Designer	Angela Johnson			

Design Manual Section 1C-1
Last Updated: 04-29-19

Rural Two-Lane Highways (Rural Arterials)

Design Element		Preferred	Acceptable	Project Values
Design speed (mph)		60	50	60
Maximum superelevation rate (Refer to Section 2A-2)		6%	8%	6%
Design lane width (ft)		12	12	12
Full depth paved width (ft)		12	12	12
Right turn lane (ft)		12	10	12
Climbing Lane (ft)		12	12	12
Left turn lane (ft)		12	10	12
Pavement cross-slope (on tangent sections)	Through lanes	2%	1.5% minimum, 2% maximum	2%
	Auxiliary and turn lanes	3%	3% maximum	3%
	Crown break at centerline	4%	4% maximum	4%
Shoulder cross-slope (on tangent sections)		4%	Shoulder cross-slope cannot be less than the adjacent lane, 6% max for paved or granular shoulders, 8% max for earth shoulders	4%
Curb type (Refer to Section 3C-2)	Design speed = 50 or 55 mph	6-inch sloped	6-inch standard	n/a
	Design speed ≥ 60 mph	4-inch sloped	6-inch sloped	n/a
Foreslope (For fill areas greater than 40 ft, contact the Soils Design Section for assistance)	Adjacent to shoulder	10:1 for 4' then 6:1	3:1	10:1 for 4' then 6:1
	Beyond standard ditch depth and design clear zone	3.5:1	3:1	3.5:1
	Curbed roadways	2%	not steeper than 3:1	n/a
Backslope (For cut areas greater than 25 feet, contact the Soils Design Section for assistance with backslope benches.)		3:1	2.5:1	3:1
Transverse Slopes	w/ drainage structures	8:1	6:1	8:1
	w/o drainage structures	10:1	6:1	10:1
Ditches (Refer to Section 3G-1)	Outside ditch (depth x width) (ft)	5 x 10	--	5x10
Bridge width—new*	Bridge length ≤ 200 ft	design lane widths + effective shoulder widths	design lane widths + effective shoulder widths	dlw+esw
	Bridge length > 200 ft	design lane widths + effective shoulder widths	design lane width + 4' right and left of the design lane widths	n/a
Bridge width—existing*		design lane widths + no less than 2 ft left and right	design lane widths + 2 ft. offset left and right	n/a
Vertical clearance (ft) (above lanes, shoulders and 25 feet left and right of the center of railroad tracks)	Over primary	16.5	16	16.5
	Over non-primary	16.5 at interchange locations, 15 at all other locations	14	n/a
	Over railroad	23.3	23.3	n/a
	Sign trusses and pedestrian bridges	17.5	17	n/a
Structural Capacity		Contact Office of Bridges and Structures	Contact Office of Bridges and Structures	
Level of Service		B	B	

*FHWA notification via email is required if acceptable critera is not met on the NHS system (No formal design exeption is required)

Design year ADT = 3600

Design Manual Section 1C-1
Last Updated: 04-29-19

Effective Shoulder Width and Type for Two-Lane Highways

Preferred (values shown in feet)			Acceptable (values shown in feet)			Project Values
	Rural Roadways	Urban Roadways		Rural Roadways	Urban Roadways	
Turn lanes with shoulders	6	6	Turn lanes with shoulders	6	0	n/a
Turn lanes with curbs	6	See Section 3C-2	Turn lanes with curbs	6	0	n/a
	Effective Shoulder Width	Paved Width		Effective Shoulder Width	Paved Width	
Climbing Lanes	6	4	Climbing Lanes	4	0	10', 6' paved
Two-Lane Highways	Effective Shoulder Width	Paved Width	Two-Lane Highways	Effective Shoulder Width	Paved Width	
Routes where bicycles are to be accommodated	10	10	Design year ADT > 2000 vpd	8	0*	10', 6' paved
On roadways approaching urban areas (due to increased bike traffic)	10	10				
On all curves with a superelevation rate of 7.0% or greater	10	10				
On roadways with design year ADT > 5000	10	6	Design year ADT between 400 - 2000 vpd	6	0*	
On all other NHS	10	6				
On non-NHS routes with design year ADT > 3000	10	6	Design year ADT < 400 vpd	4	0*	
On non-NHS routes with design year ADT < 3000	8	0*				

*Requires safety edge-Refer to Section 3C-6

Curbs should be located beyond the outer edge of the effective shoulder width in rural areas

Refer to Section 3C-2 for curb offsets in urban areas

Notes:

Roadway Design Speed (mph) =			60 mph													
Design Manual Section 1C-1 Last Updated: 04-29-19			**Design Criteria for High Speed Roadways**													
Design Element			Preferred Criteria						Acceptable Criteria						Project Values
			Design Speed, mph						Design Speed, mph						
			50	55	60	65	70	75	50	55	60	65	70	75	
Stopping sight distance (ft) (Refer to Section 6D-1)			425	495	570	645	730	820	425	495	570	645	730	820	570
Minimum horizontal curve radius (ft) (Refer to Sections 2A-2 and 2A-3)	Method 5 superelevation and side friction distribution	e_{max} = 6%	833	1060	1330	1660	2040	2500	833	1060	1330	1660	2040	2500	1330
		e_{max} = 8%	--	--	--	--	--	--	758	960	1200	1480	1810	2210	n/a
Minimum vertical curve length (ft) (Refer to Section 2B-1)			150	165	180	195	210	225	150	165	180	195	210	225	180
Minimum rate of vertical curvature (K) (Refer to Section 2B-1)	crest vertical curves		84	114	151	193	247	312	84	114	151	193	247	312	151
	sag vertical curves	roadways without fixed-source lighting	96	115	136	157	181	206	96	115	136	157	181	206	136
		roadways with fixed-source lighting	96	115	136	157	181	206	54	66	78	91	106	121	n/a
Minimum gradient (%)	(Refer to Section 2B-1)		0.5						0.3% with a curb, 0.0% without a curb						0.50
Maximum gradient (%)	(Refer to Section 2B-1)	Urban roadways	4		3				7	6	6	–	–	–	n/a
		Rural roadways							5	5	4	4	4	4	5.73
		Interstates							5	5	4	4	4	4	n/a
Clear zone			See "Preferred Clear Zone" table in Section 8A-2						See "Acceptable Clear Zone" table in Section 8A-2						30'

Roadway	New US 63			
PIN Number	13-62-063-020		**Submittal Date**	01/24/20
Project Number	NHSX-63-3(93)—3H-62			**Approval Date**
District	District 5	**Assistant District Engineer**	Mark VanDyke	
County	MAHASKA	**or**		
Route	IA 163 & US 63	**Office Director**		
Location	North and west of the City of Oskaloosa from Iowa 163 to US 63.			
Work Type	Roadway Improvements			
Segment Manager	Paul Flattery			
Designer	Angela Johnson			

Design Manual Section 1C-1
Last Updated: 04-29-19

Ramps

Design Element		Preferred Values	Acceptable Values	Project Values
Design speed (mph)		See Design Speed for Ramps Table Below	See Design Speed for Ramps Table Below	
Design lane width (ft)				
Turn-lane width (ft)	Interstate ramps	12	12	12
	Non-Interstate ramps	12	10	12
Pavement cross-slope (on tangent sections)		2%	1.5% minimum, 2% maximum	2%
Shoulder cross-slope (on tangent sections)		4	Shoulder cross-slope cannot be less than the adjacent lane, 6% max for paved or granular shoulders, 8% max for earth shoulders	4%
Foreslope (For fill areas greater than 40 ft, contact the Soils Design Section for assistance)	Adjacent to shoulder	10:1 for 4' then 6:1	4:1 for interstates*, 3:1 for other roadways	10:1 for 4' then 6:1
	Beyond standard ditch depth and design clear zone	3.5:1	3:1	3.5:1
	Curbed roadways	2%	not steeper than 3:1	n/a
Bridge width—new**		design lane widths + effective shoulder widths	design lane widths + effective shoulder widths	n/a
Bridge width—existing**		design lane widths + effective shoulder widths	design lane widths + effective shoulder widths	n/a
Vertical clearance (ft) (above lanes, shoulders and 25 feet left and right of the center of railroad tracks)	Over primary	16.5	16	n/a
	over non-primary	16.5 at interchange locations, 15 at all other locations	14	n/a
	over railroad	23.3	23.3	n/a
	sign truss and pedestrian bridges	17.5	17	n/a
Structural Capacity		Contact Office of Bridges and Structures	Contact Office of Bridges and Structures	

*Design Exception required for ramps on the Interstate system only
**FHWA notification via email is required if acceptable cirteria is not met on the Interstate or NHS systems (No formal design exception required)

Design Manual Section 1C-1
Last Updated: 04-29-19

Effective Shoulder Width and Type for Ramps

Design Element		Ramp Type														Project Values
		Preferred							Acceptable							
		Diagonal		Loop	Semi-Directional		Directional		Diagonal		Loop	Semi-Directional		Directional		
									Radius*> 500 feet*			Radius > 500 feet*		Radius > 500 feet		
		one lane	two lane		one lane	two lane	one lane	two lane	one lane	two lane		one lane	two lane	one lane	two lane	
Full depth paved width (ft)		16	24	18	16	24	16	24	14	22	17	14	22	14	22	16
Design lane width (ft)		16	12	18	16	12	16	12	14	11	17	14	11	14	11	16
Paved shoulder width (ft) (in the direction of travel)**	Left	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Right	6	6	6	6	6	8	8	6	6	6	6	6	8	8	6
***Granular shoulder width (ft) (in the direction of travel)	Left	4	-	-	-	-	-	-	4	-	-	-	-	-	-	4
	Right	6	-	-	-	-	-	-	6	-	-	-	-	-	-	6
Curb type	Interstate	4-inch sloped							4-inch sloped							n/a
	Non-Interstate	4-inch sloped							6-inch sloped							n/a

*For radii less than 500 feet, refer to design widths of pavement for turning roadways in A Policy on Geometric Design of Highways and Streets
**Left and right shoulders widths may be reversed if needed to provide additional sight distance
***Non-Interstate interchanges only

Notes:

Ramp Design Speed (mph) = 60

Design Manual Section 1C-1
Last Updated: 04-29-19

Design Criteria for Ramps Based Upon Design Speed

Design Element			Preferred Criteria								Acceptable Criteria								Project Values
			Design Speed, mph								Design Speed, mph								
			25	30	35	40	45	50	55	60	25	30	35	40	45	50	55	60	
Stopping sight distance (ft) (Refer to Section 6D-1)			155	200	250	305	360	425	495	570	155	200	250	305	360	425	495	570	570
Minimum horizontal curve radius (ft) and superelevation rate (Refer to Sections 2A-2 and 2A-3)	Method 2 superelevation and side friction distribution	e = 4% max	See Table 10 in Section 2A-3					--	--	--	--								
	Method 5 superelevation and side friction distribution	e_{max} = 6%	144	231	340	485	643	833	1060	1330	144	231	340	485	643	833	1060	1330	1330, 6%
		e_{max} = 8%	--	--	--	--	--	--	--	--	134	214	314	444	587	758	960	1200	
Minimum vertical curve length (ft) (Refer to Section 2B-1)			75	90	105	120	135	150	165	180	75	90	105	120	135	150	165	180	180
Minimum Rate of Vertical Curvature (Refer to Section 2B-1)	crest vertical curves		12	19	29	44	61	84	114	151	12	19	29	44	61	84	114	151	151
	sag vertical curves	roadways without fixed-source lighting	26	37	49	64	79	96	115	136	26	37	49	64	79	96	115	136	136
		roadways with fixed-source lighting	26	37	49	64	79	96	115	136	14	20	27	35	44	54	66	78	136
Minimum gradient (%)	(Refer to Section 2B-1)		0.5								0.3% with a curb, 0.0% without a curb								0.80
Maximum gradient (%) on ramps	(Refer to Sections 2B-1)	Upgrades	4								8	7	6	6	5	5	5	5	3.6
		Downgrades									Equal to the maximum upgrade gradient. In special cases, may be 2% greater but in no case greater than 8%								6.0
Clear zone			See "Preferred Clear Zone" table in Section 8A-2								See "Acceptable Clear Zone" table in Section 8A-2								32'

Ramp Design Speed (mph) =	60										
Design Manual Section 1C-1 Last Updated: 04-29-19	**Design Speed for Ramps**										
Design Element	**Ramp Type**										Project Values
	Preferred					Acceptable					
	All curves near free flow terminals	Diagonal Curves near at-grade terminals	Loop	Semi-Directional	Directional	All curves near free flow terminals	Diagonal Curves near at-grade terminals	Loop	Semi-Directional	Directional	
Design speed (mph)	60	40	30	50	60	50	35	25	40	40	60
Maximum superelevation rate (Refer to Section 2A-2 for details)	6%	4%	6%			8%					6%

Roadway	210th St. South			
PIN Number	13-62-063-020		Submittal Date	01/24/20
Project Number	NHSX-63-3(93)—3H-62			Approval Date
District	District 5	Assistant District Engineer	Mark VanDyke	
County	MAHASKA	or		
Route	IA 163 & US 63	Office Director		
Location	North and west of the City of Oskaloosa from Iowa 163 to US 63.			
Work Type	Roadway Improvements			
Segment Manager	Paul Flattery			
Designer	Angela Johnson			
Design year ADT =				
Design Manual Section 1C-1 Last Updated: 04-29-19	Secondary Roads - paved			

Design Elements		Project value	Local Systems I.M. 3.210 value	Remarks
Design speed (mph)		45	45	
Design lane width (ft.)		12	11	
Shoulder width (ft.)		6	6	
Bridge width - new (ft.)		n/a	30	
Bridge width - existing (ft.)		n/a	22	
Maximum super elevation rate (%)		6		
Minimum radius (ft.)		700	587	
Stopping sight distance (ft.)		360	360	
Minimum vertical curve length (ft.)		150		
Minimum rate of vertical curvature (K)	Crest	63		
	Sag	30		
Minimum gradient (%)		2		
Maximum gradient (%)		3	8	
Foreslope		3:1	3:1	
Backslope		3:1		
Traverse slopes				
Clearzone				

Notes:

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER A.16

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Roadway	235th St.			
PIN Number	13-62-063-020		Submittal Date	01/24/20
Project Number	NHSX-63-3(93)—3H-62			Approval Date
District	District 5	Assistant District Engineer	Mark VanDyke	
County	MAHASKA	or		
Route	IA 163 & US 63	Office Director		
Location	North and west of the City of Oskaloosa from Iowa 163 to US 63.			
Work Type	Roadway Improvements			
Segment Manager	Paul Flattery			
Designer	Angela Johnson			
Design year ADT =				
Design Manual Section 1C-1 Last Updated: 04-29-19	**Secondary Roads - granular**			

Design Elements		Project value	Local Systems I.M. 3.210 value	Remarks
Design speed (mph)		35	35	
Design lane width (ft.)		12	10	
Shoulder width (ft.)		3	2	
Bridge width - new (ft.)		n/a	24	
Bridge width - existing (ft.)		n/a	20	
Maximum super elevation rate (%)		n/a		
Minimum radius (ft.)		150	314	
Stopping sight distance (ft.)		250	250	
Minimum vertical curve length (ft.)		100		
Minimum rate of vertical curvature (K)	Crest	61		
	Sag	44		
Minimum gradient (%)		3		
Maximum gradient (%)		4.65	10	
Foreslope		3:1	2:1	
Backslope		3:1		
Traverse slopes				
Clearzone				

Notes:

Roadway	North Shore Ave.			
PIN Number	13-62-063-020		**Submittal Date**	01/24/20
Project Number	NHSX-63-3(93)—3H-62			**Approval Date**
District	District 5	**Assistant District Engineer**	Mark VanDyke	
County	MAHASKA	**or**		
Route	IA 163 & US 63	**Office Director**		
Location	North and west of the City of Oskaloosa from Iowa 163 to US 63.			
Work Type	Roadway Improvements			
Segment Manager	Paul Flattery			
Designer	Angela Johnson			
Design year ADT =				
Design Manual Section 1C-1 Last Updated: 04-29-19	**Secondary Roads - paved**			

Design Elements		Project value	Local Systems I.M. 3.210 value	Remarks
Design speed (mph)		35	35	
Design lane width (ft.)		12	10	
Shoulder width (ft.)		6	2	
Bridge width - new (ft.)		n/a	24	
Bridge width - existing (ft.)		n/a	20	
Maximum super elevation rate (%)		6		
Minimum radius (ft.)		350	314	
Stopping sight distance (ft.)		250	250	
Minimum vertical curve length (ft.)		200		
Minimum rate of vertical curvature (K)	Crest	64		
	Sag	67		
Minimum gradient (%)		0.7		
Maximum gradient (%)		4	10	
Foreslope		3:1	2:1	
Backslope		3:1		
Traverse slopes				
Clearzone				

Notes:

Roadway	Old US 163			
PIN Number	13-62-063-020		**Submittal Date**	01/24/20
Project Number	NHSX-63-3(93)—3H-62			**Approval Date**
District	District 5	**Assistant District Engineer**	Mark VanDyke	
County	MAHASKA	**or**		
Route	IA 163 & US 63	**Office Director**		
Location	North and west of the City of Oskaloosa from Iowa 163 to US 63.			
Work Type	Roadway Improvements			
Segment Manager	Paul Flattery			
Designer	Angela Johnson			
Design year ADT =				
Design Manual Section 1C-1 Last Updated: 04-29-19	**Secondary Roads - paved**			

Design Elements		Project value	Local Systems I.M. 3.210 value	Remarks
Design speed (mph)		60	50	
Design lane width (ft.)		12	11	
Shoulder width (ft.)		6	6	
Bridge width - new (ft.)		n/a	30	
Bridge width - existing (ft.)		n/a	22	
Maximum super elevation rate (%)		6		
Minimum radius (ft.)		1330	758	
Stopping sight distance (ft.)		425	425	
Minimum vertical curve length (ft.)		400		
Minimum rate of vertical curvature (K)	Crest	658		
	Sag	110		
Minimum gradient (%)		0.4		
Maximum gradient (%)		3.23	7	
Foreslope		3:1	3:1	
Backslope		3:1		
Traverse slopes				
Clearzone				

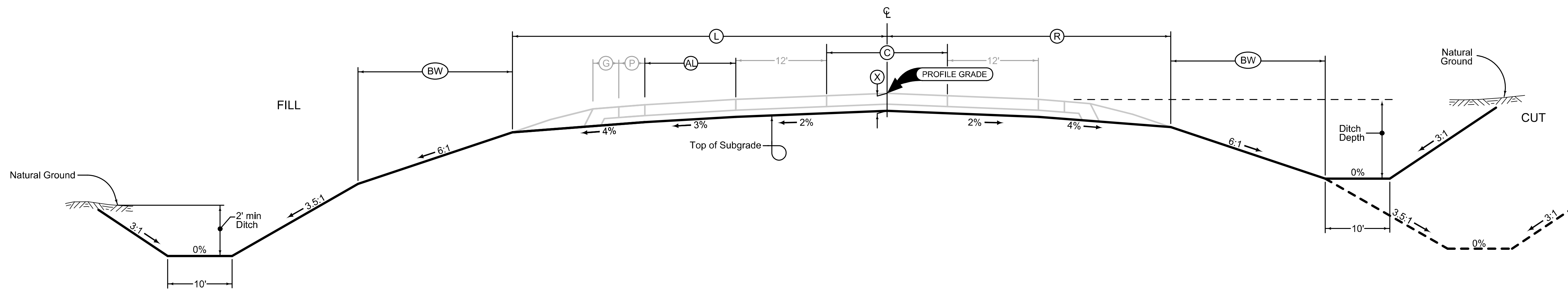
Notes:

Roadway	Jewell Ave., Independence Ave., Kirby Ave., 220th St., 210th St. North		
PIN Number	13-62-063-020	Submittal Date	01/24/20
Project Number	NHSX-63-3(93)—3H-62		Approval Date
District	District 5	Assistant District Engineer	Mark VanDyke
County	MAHASKA	or	
Route	IA 163 & US 63	Office Director	
Location	North and west of the City of Oskaloosa from Iowa 163 to US 63.		
Work Type	Roadway Improvements		
Segment Manager	Paul Flattery		
Designer	Angela Johnson		
Design year ADT =			
Design Manual Section 1C-1 Last Updated: 04-29-19	**Secondary Roads - granular**		

Design Elements		Project value	Local Systems I.M. 3.210 value	Remarks
Design speed (mph)		40	40	
Design lane width (ft.)		12	10	
Shoulder width (ft.)		3	3	
Bridge width - new (ft.)		n/a	24	
Bridge width - existing (ft.)		n/a	20	
Maximum super elevation rate (%)		n/a		
Minimum radius (ft.)		500	444	
Stopping sight distance (ft.)		305	305	
Minimum vertical curve length (ft.)		100		
Minimum rate of vertical curvature (K)	Crest	56		
	Sag	26		
Minimum gradient (%)		0.15		
Maximum gradient (%)		4.6	10	
Foreslope		3:1	2:1	
Backslope		3:1		
Traverse slopes				
Clearzone				

Notes:

G_2_Grade_BR
Modified



LOCATION			DIMENSIONS					
ROAD IDENTIFICATION	STATION TO STATION		L Feet	R Feet	X Inches	C Feet	AL Feet	BW Feet
US 63	111+75.00	138+00.00	34.629	34.629	16	0	0	16.566
US 63	138+00.00	142+80.00	34.629 - 42.629	34.629 - 42.629	16	0-16	0	16.566
US 63	142+80.00	155+25.00	42.629	42.629	16	16	0	16.566
US 63	155+25.00	160+05.00	42.629 - 34.629	42.629 - 34.629	16	16-0	0	16.566
US 63	160+05.00	282+80.00	34.629	34.629	16	0	0	16.566
US 63	282+80.00	290+00.00	34.629 - 46.629	34.629	16	0	0-12	16.566
US 63	290+00.00	322+00.00	46.629	34.629	16	0	12	16.566

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

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

2 LANE GRADING
(Barnroof Section)

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER B.1

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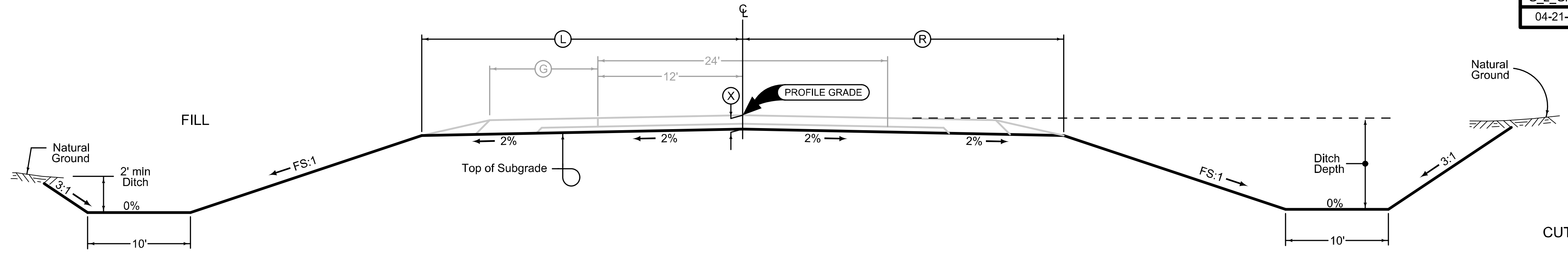
LOCATION			DIMENSIONS			
ROAD IDENTIFICATION	STATION TO STATION		L Feet	R Feet	X Inches	FS
North Shore Drive	1002+50.00	1030+83.59	21.873	21.873	16	3
Old IA 163	5000+13.08	5037+00.00	21.873	21.873	16	3
210th St. (S)	9000+12.00	9012+69.16	21.873	21.873	16	3

G_2_Grade
04-21-20



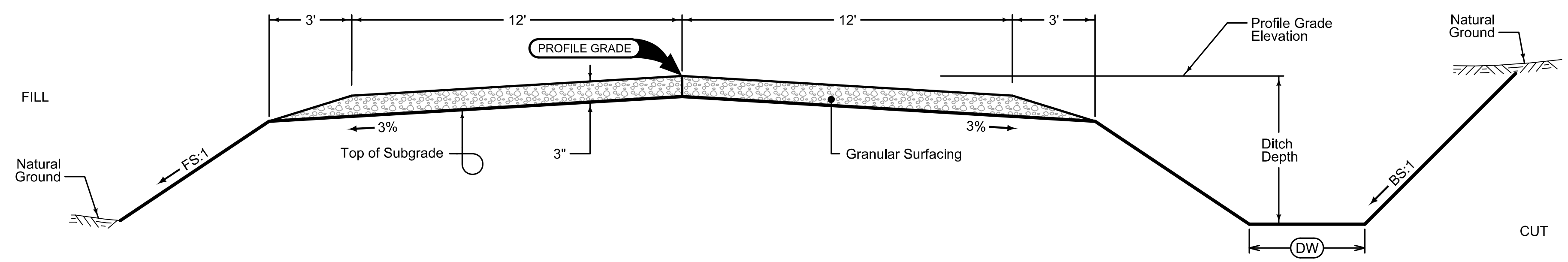
Normal section shown may be modified appropriately in areas of superelevated curves or other locations specifically designated by the Engineer.

See plan & profile sheets and cross sections for additional details of ditches and backslopes.

2 LANE GRADING

LOCATION			DIMENSIONS			
ROAD IDENTIFICATION	STATION TO STATION		FS	BS	DW Feet	Granular Surfacing Ton
Jewell Ave.	2000+12.42	2042+00.00	3	3	10	x
235th St.	3000+15.00	3003+75.00	3	3	10	x
Independence Ave.	4004+00.00	4016+81.64	3	3	10	x
Kirby Ave. (N)	6000+50.00	6017+47.24	3	3	10	x
Kirby Ave. (S)	6017+71.24	6030+50.00	3	3	10	x
220th St. (N)	7004+25.00	7017+22.69	3	3	10	x
220th St. (S)	7017+46.69	7021+00.00	3	3	10	x
210th St. (N)	8002+50.00	8009+46.29	3	3	10	x
						x

G_2_GradeGran
10-17-17



GRADING AND GRANULAR SURFACING

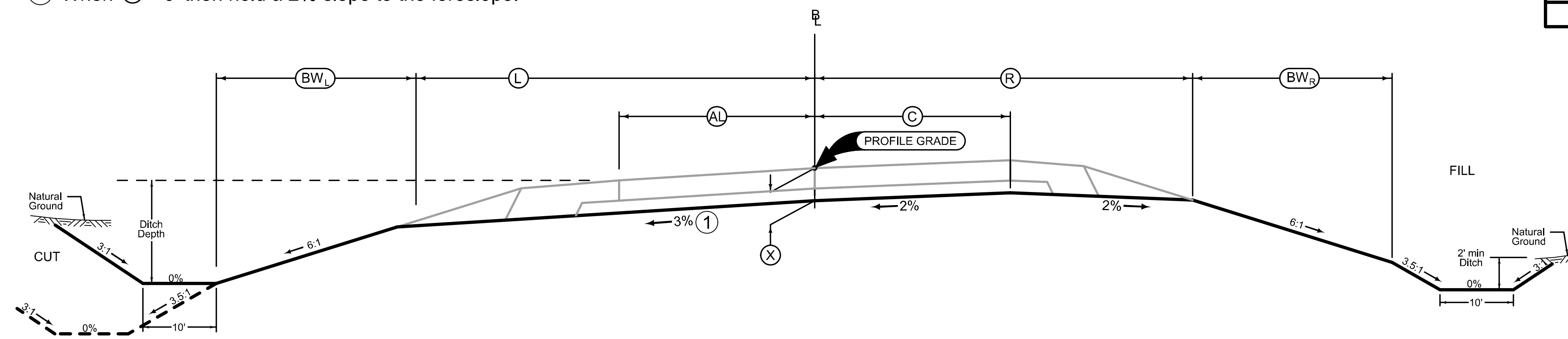
Normal section shown may be modified appropriately in areas of superelevated curves or other locations specifically designated by the Engineer.

See plan & profile sheets and cross sections for additional details of ditches and backslopes.

G_Ramp_1

LOCATION				DIMENSIONS						
INTERCHANGE	RAMP	STATION TO STATION		L Feet	R Feet	C Feet	AL Feet	X Inches	BW_L Feet	BW_R Feet
IA 163 / US 63	A	11255+99.20	11258+25.00	27.500	33.768	16	8	22	16.654	16.867
IA 163 / US 63	A	11258+25.00	11259+05.00	27.50-19.501	33.768	16	8-0	22	16.654	16.867
IA 163 / US 63	A	11259+05.00	11270+96.11	19.501	33.768	16	0	22	16.654	16.867

1 When AL = 0' then hold a 2% slope to the foreslope.

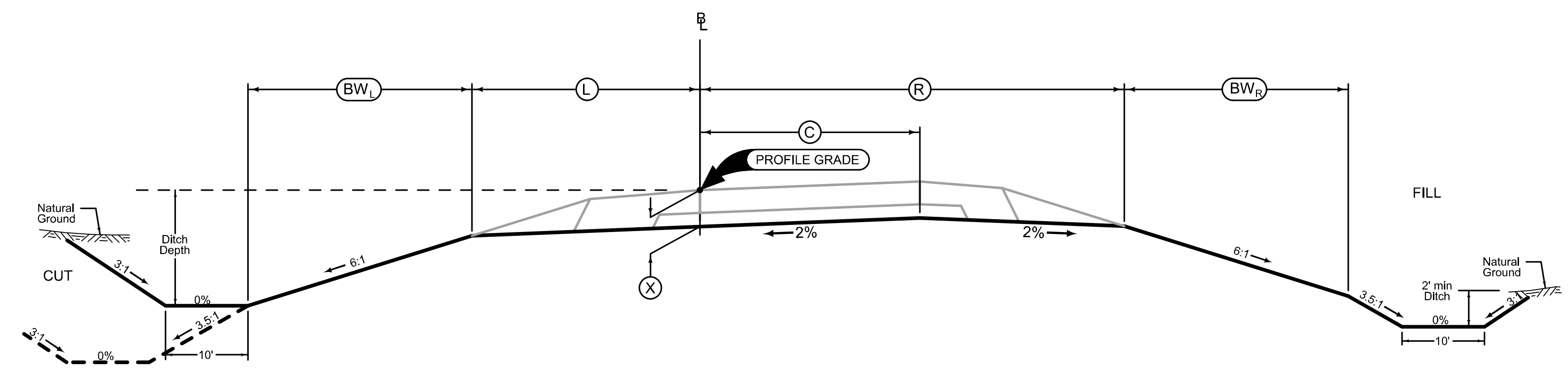


RAMP GRADING

Normal sections shown may be appropriately modified for areas specifically designated by the Engineer such as intersections or superelevated curves.

G_Ramp_2

LOCATION				DIMENSIONS					
INTERCHANGE	RAMP	STATION TO STATION		L Feet	R Feet	C Feet	X Inches	BW_L Feet	BW_R Feet
IA 163 / US 63	C	31245+78.66	31256+72.58	19.501	33.768	16	22	16.654	16.867

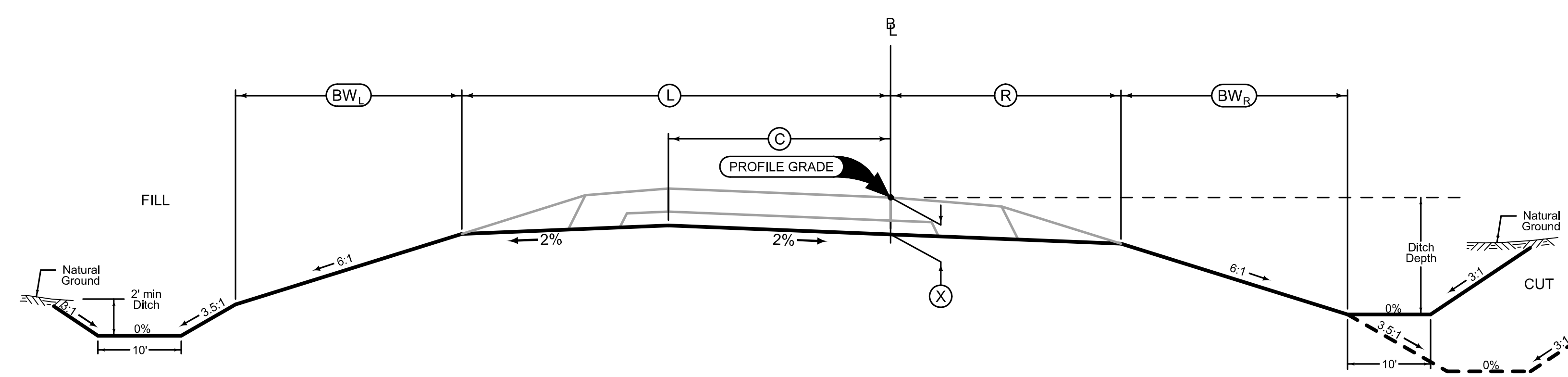


RAMP GRADING

Normal sections shown may be appropriately modified for areas specifically designated by the Engineer such as intersections or superelevated curves.

G_Ramp_3

LOCATION				DIMENSIONS					
INTERCHANGE	RAMP	STATION TO STATION		L Feet	R Feet	C Feet	X Inches	BW_L Feet	BW_R Feet
IA 163 / US 63	B	21242+00.00	21256+53.19	33.771	19.496	16	22	16.864	16.659
IA 163 / US 63	D	41255+76.01	41265+75.98	33.771	19.496	16	22	16.864	16.659



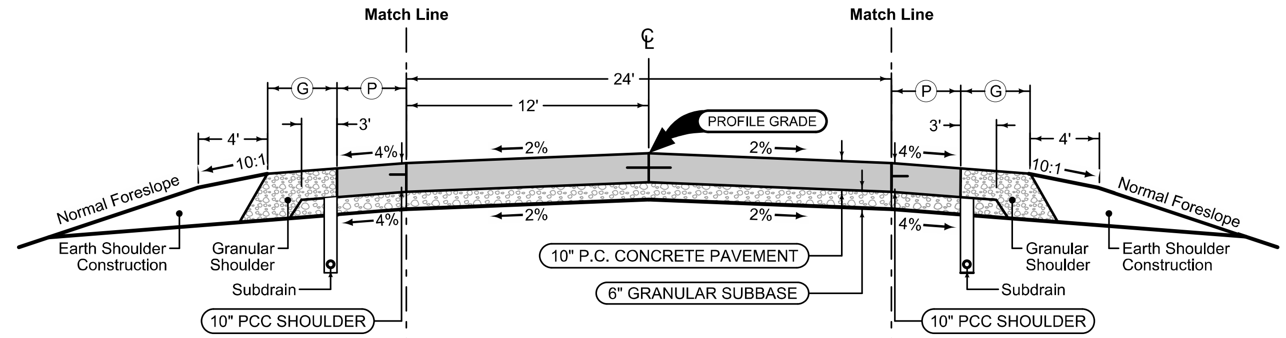
RAMP GRADING

Normal sections shown may be appropriately modified for areas specifically designated by the Engineer such as intersections or superelevated curves.

Full Depth PCC Combination Shoulder

Shoulder Jointing:
Longitudinal joint: L-2 or KT-2
Transverse joints: C at 17' spacing

2_C_FullPCC_ 04-21-20			
STATION TO STATION		(P) Feet	(G) Feet
111+75.00	138+00.00	6	4
160+05.00	322+00.00	6	4



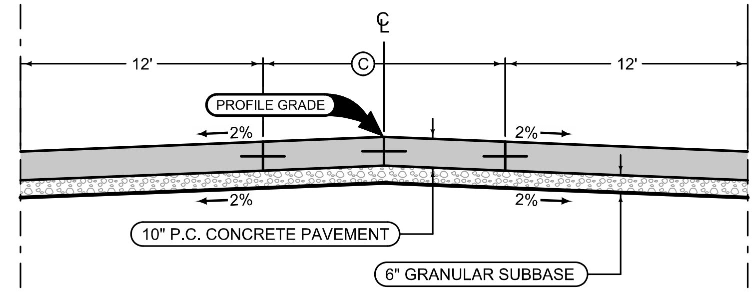
Full Depth PCC Combination Shoulder

Shoulder Jointing:
Longitudinal joint: L-2 or KT-2
Transverse joints: C at 17' spacing

2_C_FullPCC_ 04-21-20			
STATION TO STATION		(P) Feet	(G) Feet
111+75.00	138+00.00	6	4
160+05.00	322+00.00	6	4

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

2P_ 04-21-20	
STATION TO STATION	
111+75.00	138+00.00
160+05.00	322+00.00



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

2P_TWLTL_ 10-19-10		
STATION TO STATION		(C) Feet
138+00.00	142+80.00	0-16
142+80.00	x	16
Gap for Bridge		
x	155+25.00	16
155+25.00	160+05.00	16-0

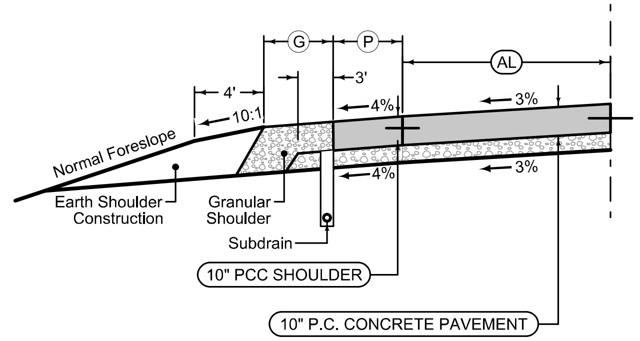
Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Full Depth PCC Combination Shoulder

Shoulder Jointing:
Longitudinal joint: L-2 or KT-2
Transverse joints: C at 17' spacing

2_AuxLane_PCC_ 10-18-16			2_C_FullPCC_ 04-21-20	
STATION TO STATION		(AL) Feet	(P) Feet	(G) Feet
282+80.00	290+00.00	0-12	6	4
290+00.00	322+00.00	12	6	4



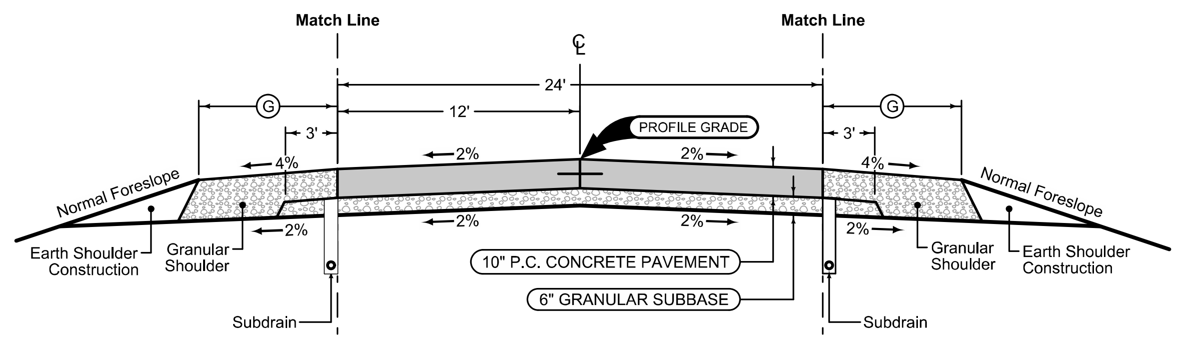
See Tab 100-24 or 100-25 for pavement quantities.

See Tab 112-9 for shoulder quantities.

US 63

Granular Shoulder

2_G_SR_ 04-21-20			
RAMP IDENTIFICATION	BEGIN STATION	END STATION	G Feet
North Shore Dr.	1002+50.00	1030+83.59	6
Old IA 163	5000+13.08	5037+00.00	6
210th St. (S)	9000+12.00	9012+69.16	6



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

2P_ 04-21-20		
RAMP IDENTIFICATION	BEGIN STATION	END STATION
North Shore Dr.	1002+50.00	1030+83.59
Old IA 163	5000+13.08	5037+00.00
210th St. (S)	9000+12.00	9012+69.16

Granular Shoulder

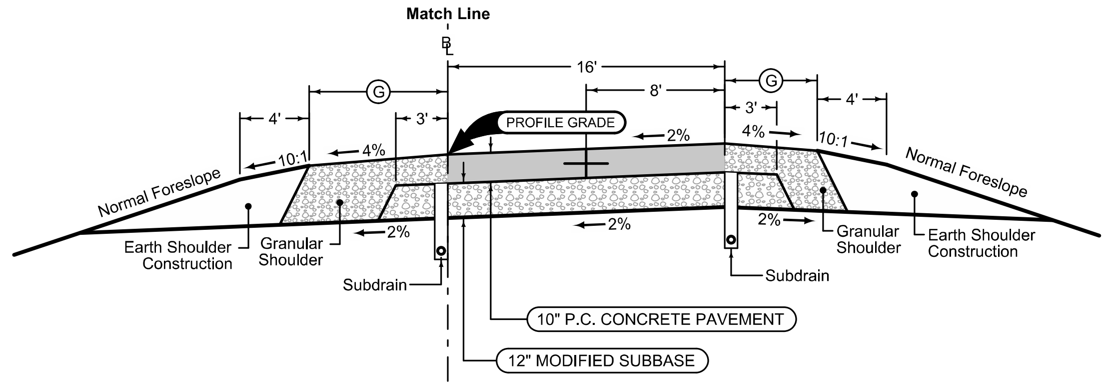
2_G_SR_ 04-21-20			
RAMP IDENTIFICATION	BEGIN STATION	END STATION	G Feet
North Shore Dr.	1002+50.00	1030+83.59	6
Old IA 163	5000+13.08	5037+00.00	6
210th St. (S)	9000+12.00	9012+69.16	6

See Tab 100-24 or 100-25 for pavement quantities.
See Tab 112-9 for shoulder quantities.

Paved Side Roads

Granular Shoulder

1R_G_ 10-19-10			
RAMP IDENTIFICATION	BEGIN STATION	END STATION	G Feet
Ramp A	11255+99.20	11270+96.11	6



Granular Shoulder

1R_G_ 10-19-10			
RAMP IDENTIFICATION	BEGIN STATION	END STATION	G Feet
Ramp A	11255+99.20	11270+96.11	4

Ramp Jointing:
Transverse joints: CD at 15' spacing.
Longitudinal joints: L-2

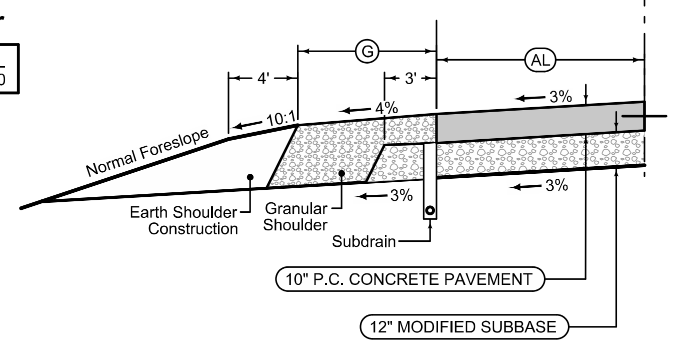
1RP_ 10-17-17		
RAMP IDENTIFICATION	BEGIN STATION	END STATION
Ramp A	11255+99.20	11270+96.11

Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Auxiliary Lane Granular Shoulder

2_AuxLane_PCC_ 10-18-16			2_AL_Shldr_G_ 10-19-10
STATION TO STATION		AL Feet	G Feet
11255+99.20	11258+25.00	8	6
11258+25.00	11259+05.00	8-0	6



See Tab 100-24 or 100-25 for pavement quantities.

See Tab 112-9 for shoulder quantities.

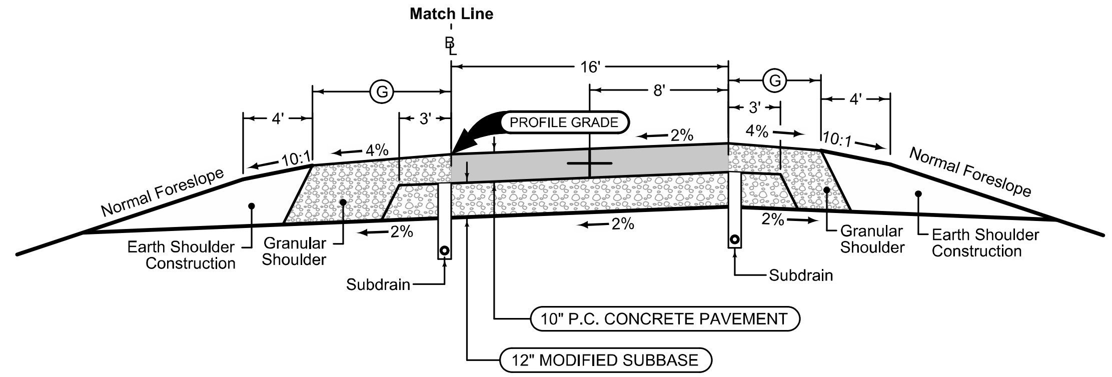
US 163/US 63
Ramp A

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER B.6

1:50:18 PM 5/14/2020 ajohns1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\6206302013\Design\(093)_Preliminary Engineering\CADD_Files\Sheet_Files\62063093_B01.dgn

Granular Shoulder

RAMP IDENTIFICATION	BEGIN STATION	END STATION	(G) Feet
		1R_G_ 10-19-10	
Ramp C	31245+78.66	31256+72.58	6



Granular Shoulder

RAMP IDENTIFICATION	BEGIN STATION	END STATION	(G) Feet
		1R_G_ 10-19-10	
Ramp C	31245+78.66	31256+72.58	4

Ramp Jointing:
Transverse joints: CD at 15' spacing.
Longitudinal joints: L-2

RAMP IDENTIFICATION	BEGIN STATION	END STATION
		1RP_ 10-17-17
Ramp C	31245+78.66	31256+72.58

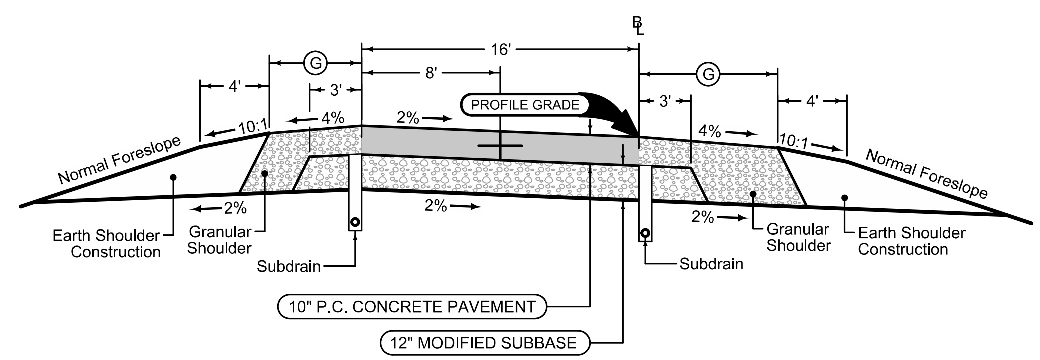
See Tab 100-24 or 100-25 for pavement quantities.

See Tab 112-9 for shoulder quantities.

US 163/US 63
Ramp C

Granular Shoulder

RAMP IDENTIFICATION	BEGIN STATION	END STATION	(G) Feet
		1R_G_ 10-19-10	
Ramp B	21242+00.00	21256+53.19	4
Ramp D	41255+76.01	41265+75.98	4



Granular Shoulder

RAMP IDENTIFICATION	BEGIN STATION	END STATION	(G) Feet
		1R_G_ 10-19-10	
Ramp B	21242+00.00	21256+53.19	6
Ramp D	41255+76.01	41265+75.98	6

Ramp Jointing:
Transverse joints: CD at 15' spacing.
Longitudinal joints: L-2

RAMP IDENTIFICATION	BEGIN STATION	END STATION
		1RP_ 10-17-17
Ramp B	21242+00.00	21256+53.19
Ramp D	41255+76.01	41265+75.98

See Tab 100-24 or 100-25 for pavement quantities.

See Tab 112-9 for shoulder quantities.

US 163/US 63
Ramp B & D

SURVEY SYMBOLS

CP Control Point
WC Wild Card (Misc. Field Shot)
BL Topo Breakline
D Centerline Draw or Stream (Down)
PPA Power Pole Co. 1
PR Electic Riser Pole
ENU Edge Unpaved Entrance & Parking
WV Water Valve
ENT Centerline BL of Entrance
DU Centerline Draw or Stream (Up)
EG Edge of Gravel Road
C Centerline BL of Road (ML or SR)
SI Sign
CON Concrete or A/C Slab
TLNL Tree Line Left
TPD Telephone Pedestal
GP Guard Post (Less Than 4 Posts)
FHD Fire Hydrants
BLD Building or Foundation
FW Wire Fence
TLNR Tree Line Right
LIN Miscellaneous Line
RET Retaining Walls
INB Storm Sewer Beehive Intake
BNK Stream Bank
MIS Miscellaneous
WL1D Water Line Co. 1 - Quality D
GL1D Gas Line Co. 1 - Quality D
TL1D Telephone Line Co. 1 - Quality D
GR Ground Shot
EL1D Electric Line Co. 1 - Quality D
EB Electrical Box
UB Utility Box
WL2D Water Line Co. 2 - Quality D
ENP Edge Paved Entrance & Park Lot
FWD Wood Fence
SNP Unpaved Shoulder
FO1D Fiber Optic Co. 1 - Quality D
SA1D Sanitary Sewer Co. 1- Quality D
MH Utility Access (Manhole)
UV Underground Utility Vault
FO2D Fiber Optic Co. 2 - Quality D
UPH Utility Pot Hole - Quality A
PIP Pipe Culvert
PRO Profile Shot
PLG Location of General Photo
CUL Culvert
SH Paved Shoulder
EP Edge of Paved Roads (ML or SR)
GU Gutter In Front of Curb
CU Back of Curb
UE Utility Elevation

UTILITY LEGEND

PPA Power Pole Co. 1
PR Electric Riser Pole
E1 — MidAmerican Energy - Quality D
G — MidAmerican Energy - Quality D
G2 — Kinder Morgan - Quality D
FO — Centurylink - Quality D
FO2 — Iowa Communications Network - Quality D
SAN. — Oskaloosa Municipal Utilities- Quality D
T1 — Centurylink - Quality D
W — Oskaloosa Municipal Utilities - Quality D
W2 — Mahaska Rural Water - 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.**	
Yellow	(4)	Highlight for Critical Notes or Features
Red	(3)	Delineates Restricted Areas
Lavender	(9)	Temporary Pavement Shading
Gray, Light	(48)	Proposed Pavement Shading
Gray, Med	(80)	Proposed Granular Shading
Gray, Dark	(112)	Proposed Grade and Pave Shading "In conjunction with a paving project"
Brown, Light	(236)	Grading Shading
Tan	(8)	Proposed Sidewalk Shading
Blue, Light	(230)	Proposed Sidewalk Landing Shading
Pink	(11)	Proposed Sidewalk Ramp 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
Survey Line
Section Corner
Ground Line Intercept
Saw Cut
Guardrail
Trench Drain
HighTension Cable Guardrail
Sheet Pile
Pavement Removal
Clearing & Grubbing Area

RIGHT-OF-WAY LEGEND

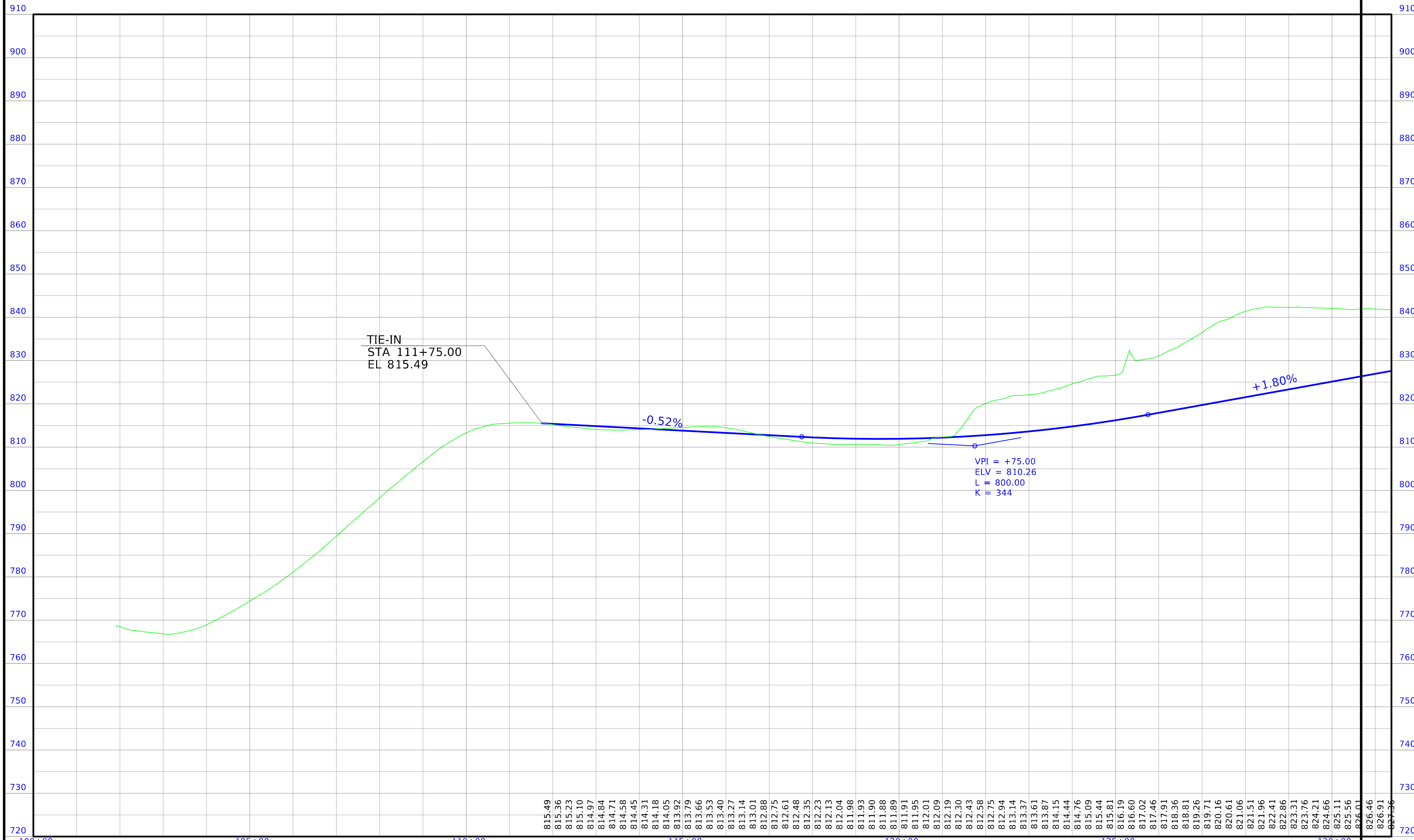
Proposed Right-of-Way
Existing Right of Way
Existing and Proposed Right-of-Way
Easement and Existing Right-of-Way
Easement (Temporary)
Easement
C/A Access Control
Property Line

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

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

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER D.1

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER D.2	



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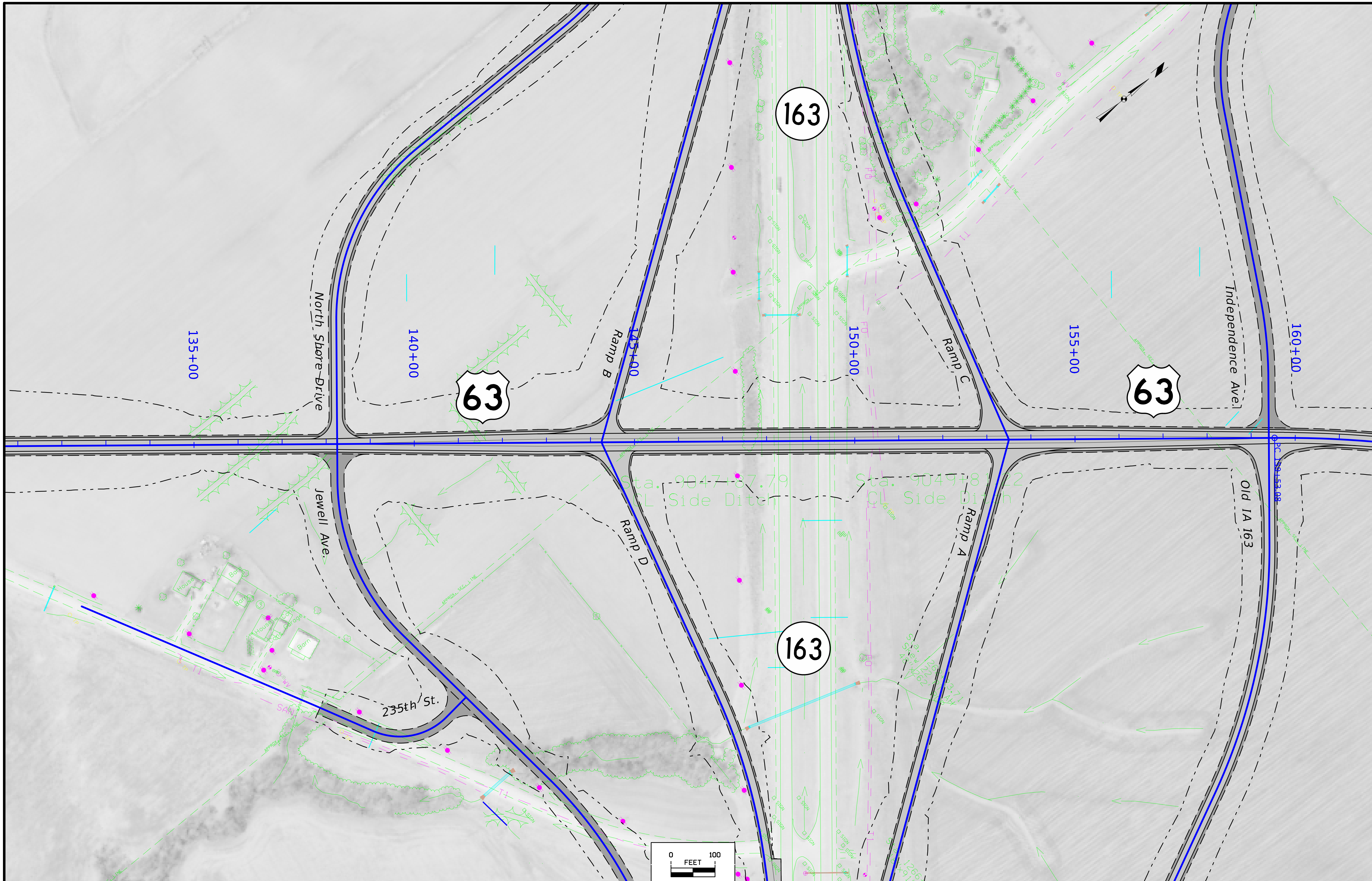

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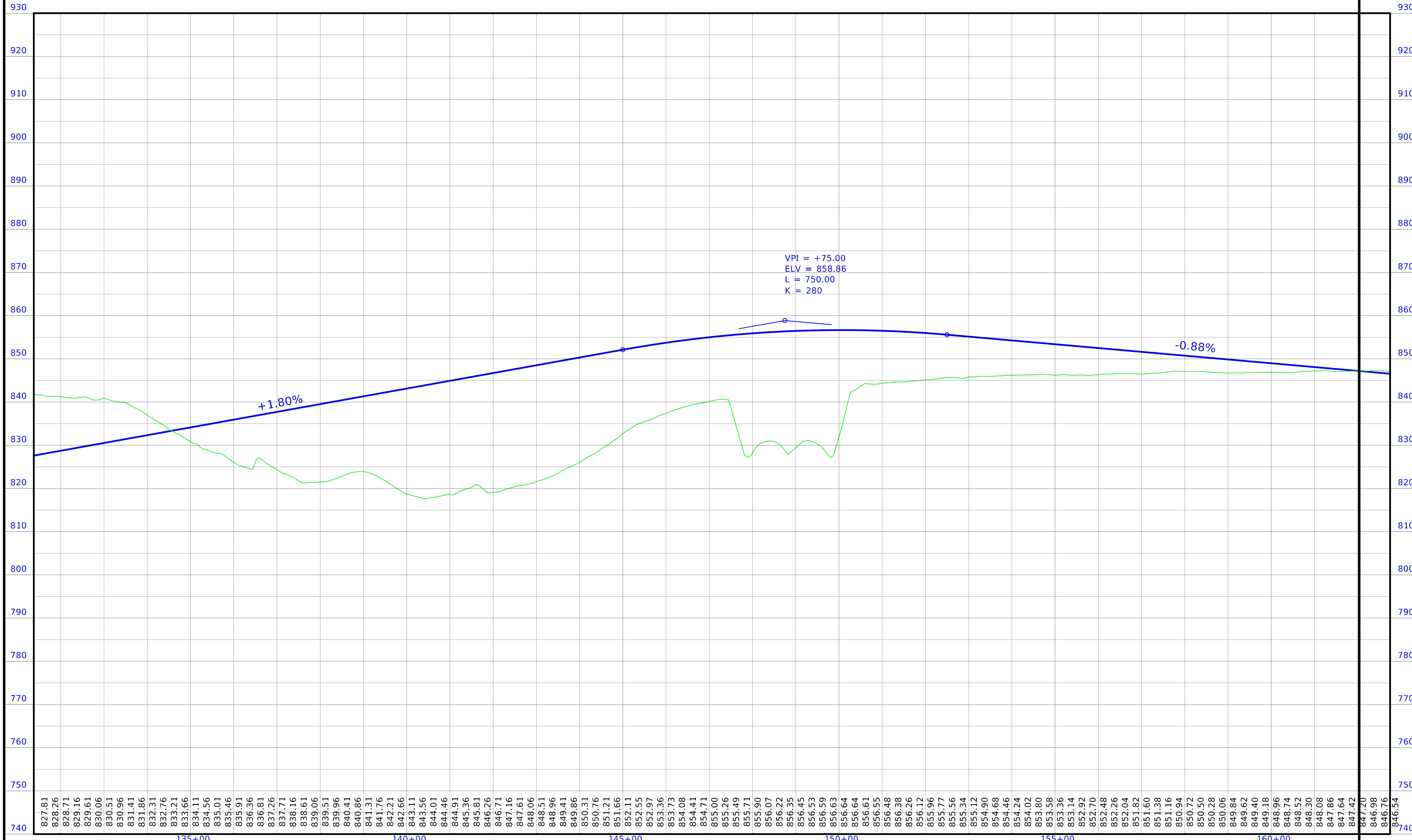
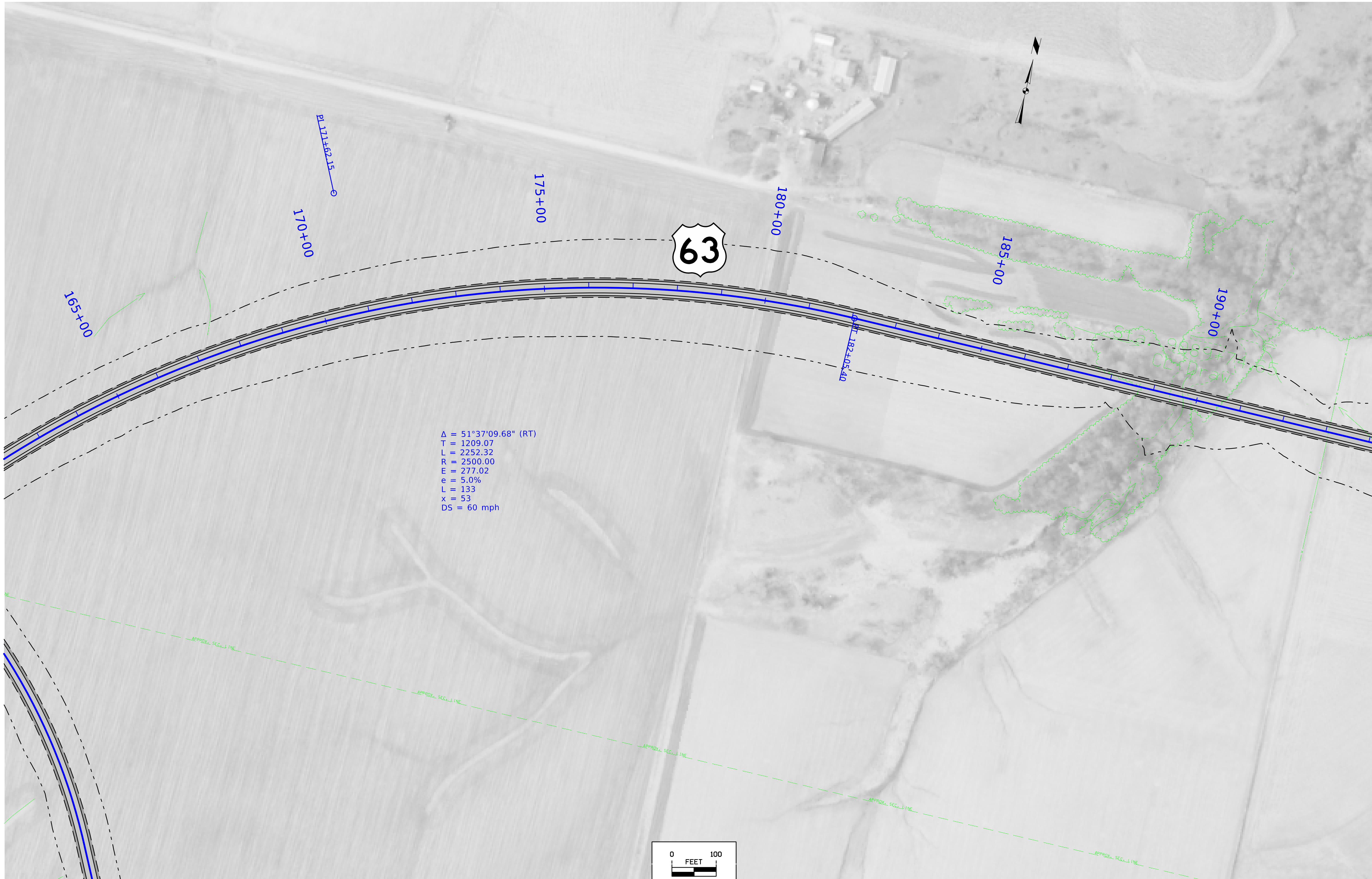
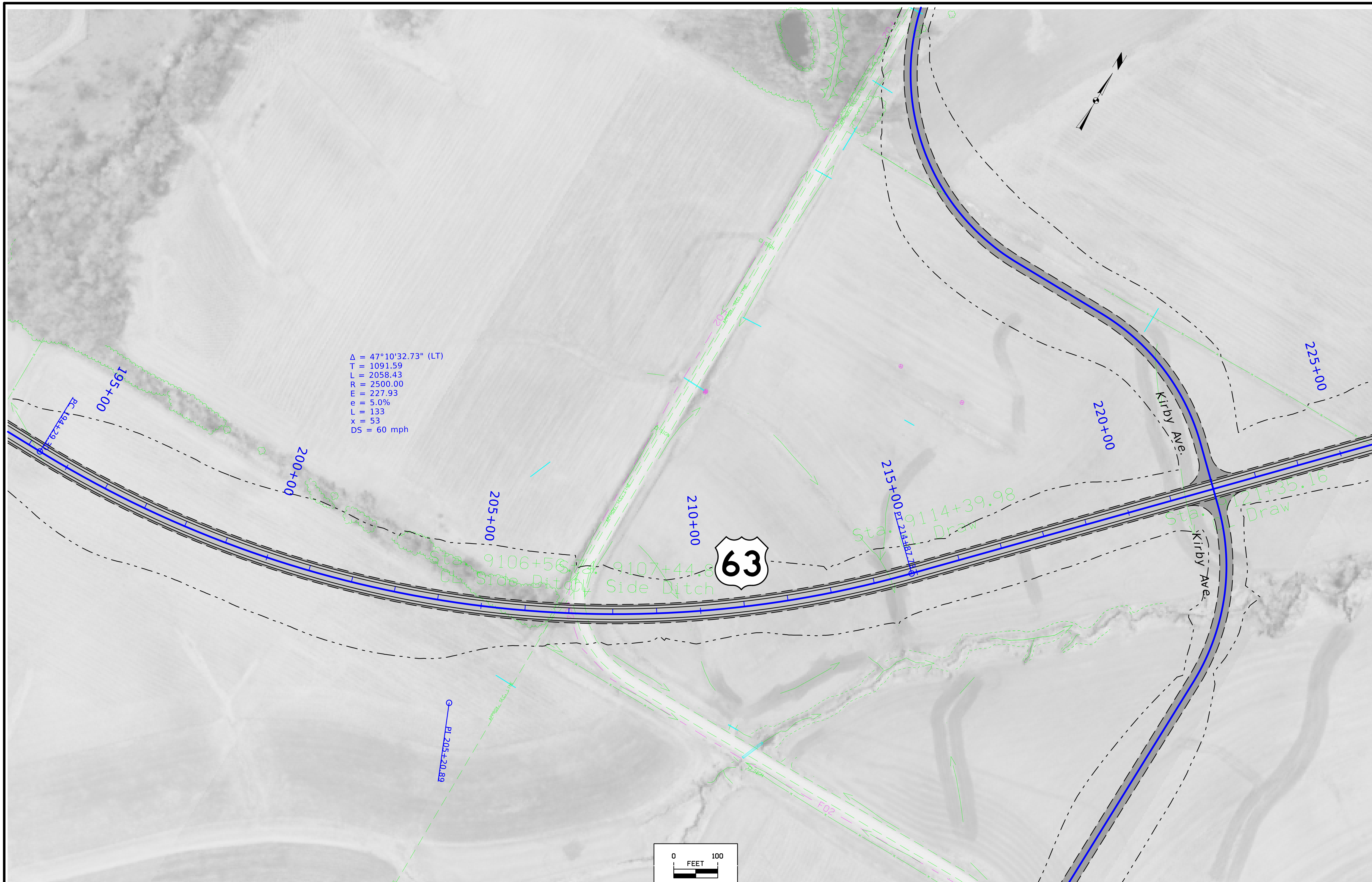


FILE NO. | ENGLISH | DESIGN TEAM Flattery / Johnson | MAHASKA COUNTY | PROJECT NUMBER NHSX-063-3(93)--3H-62 | SHEET NUMBER D.5



FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER D.6	

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER D.7



FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER D.8

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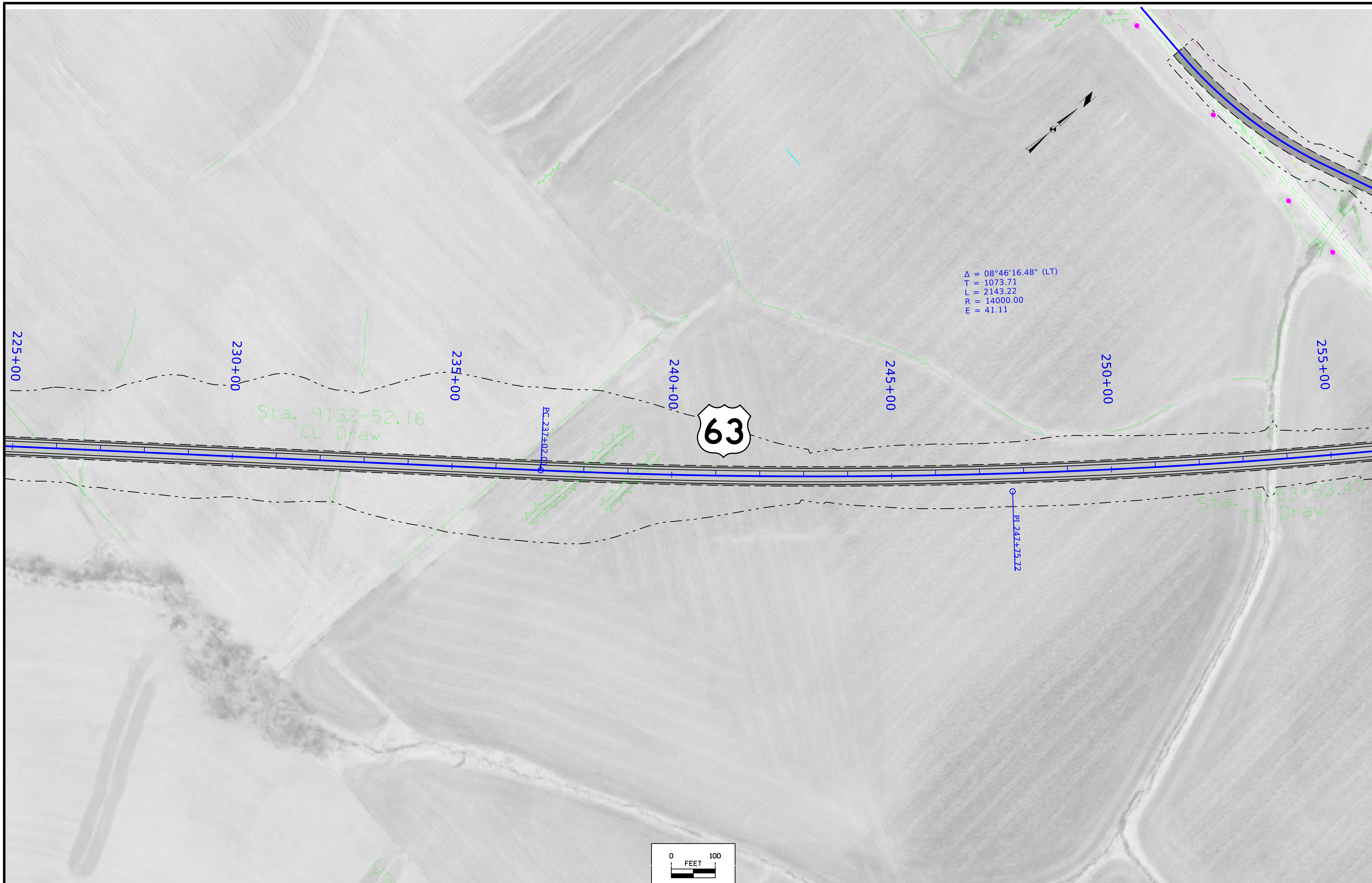

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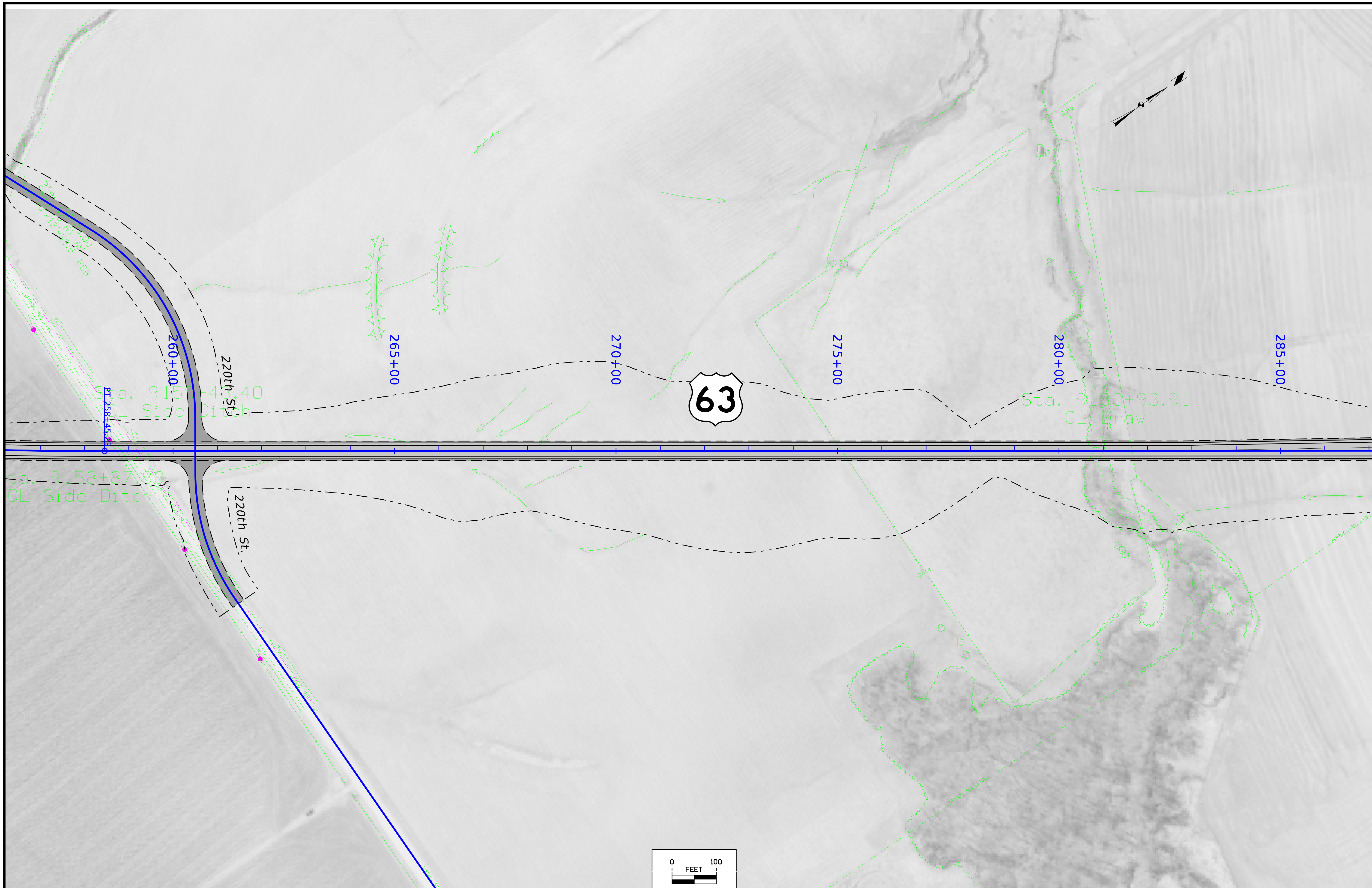

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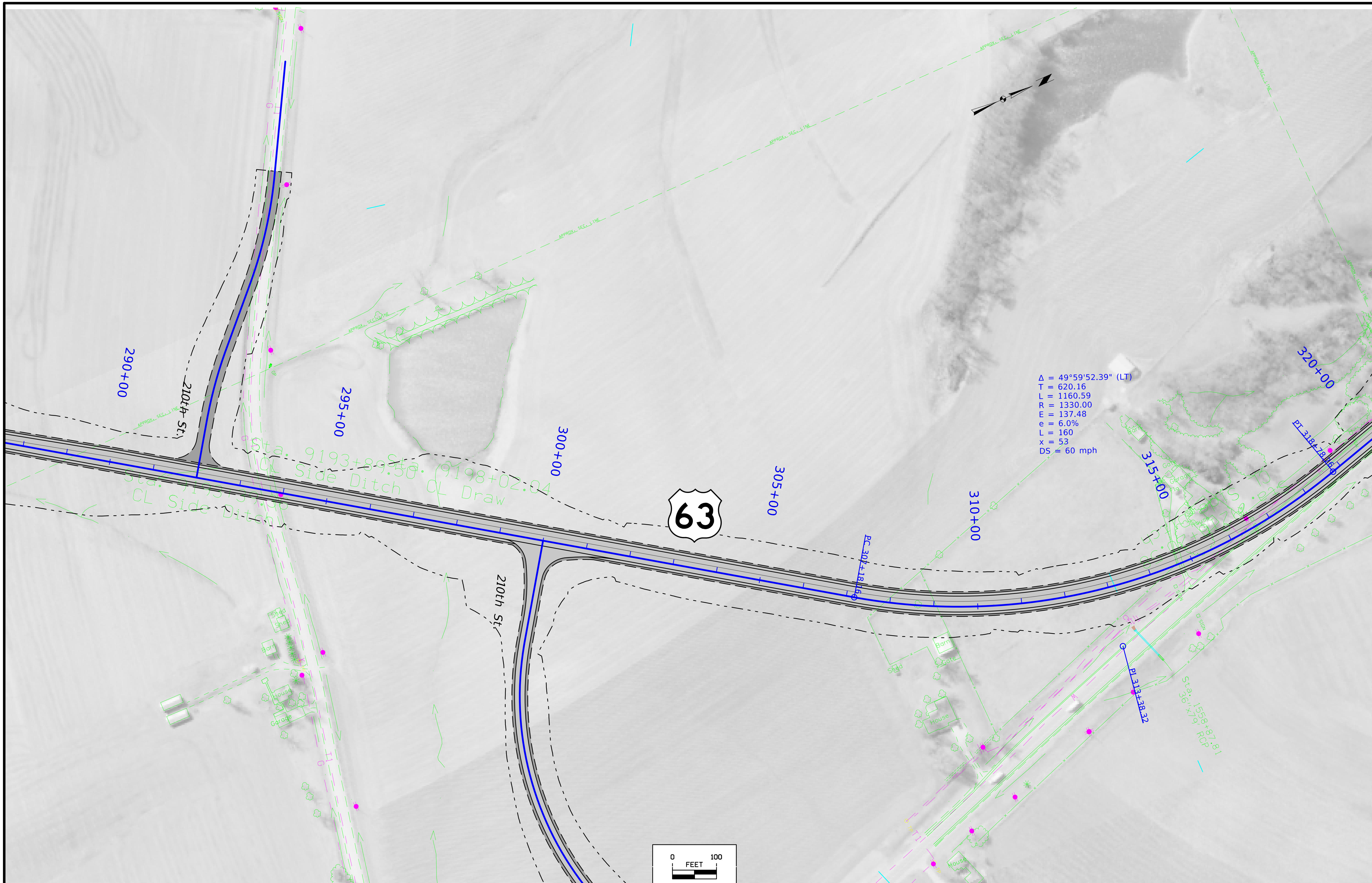

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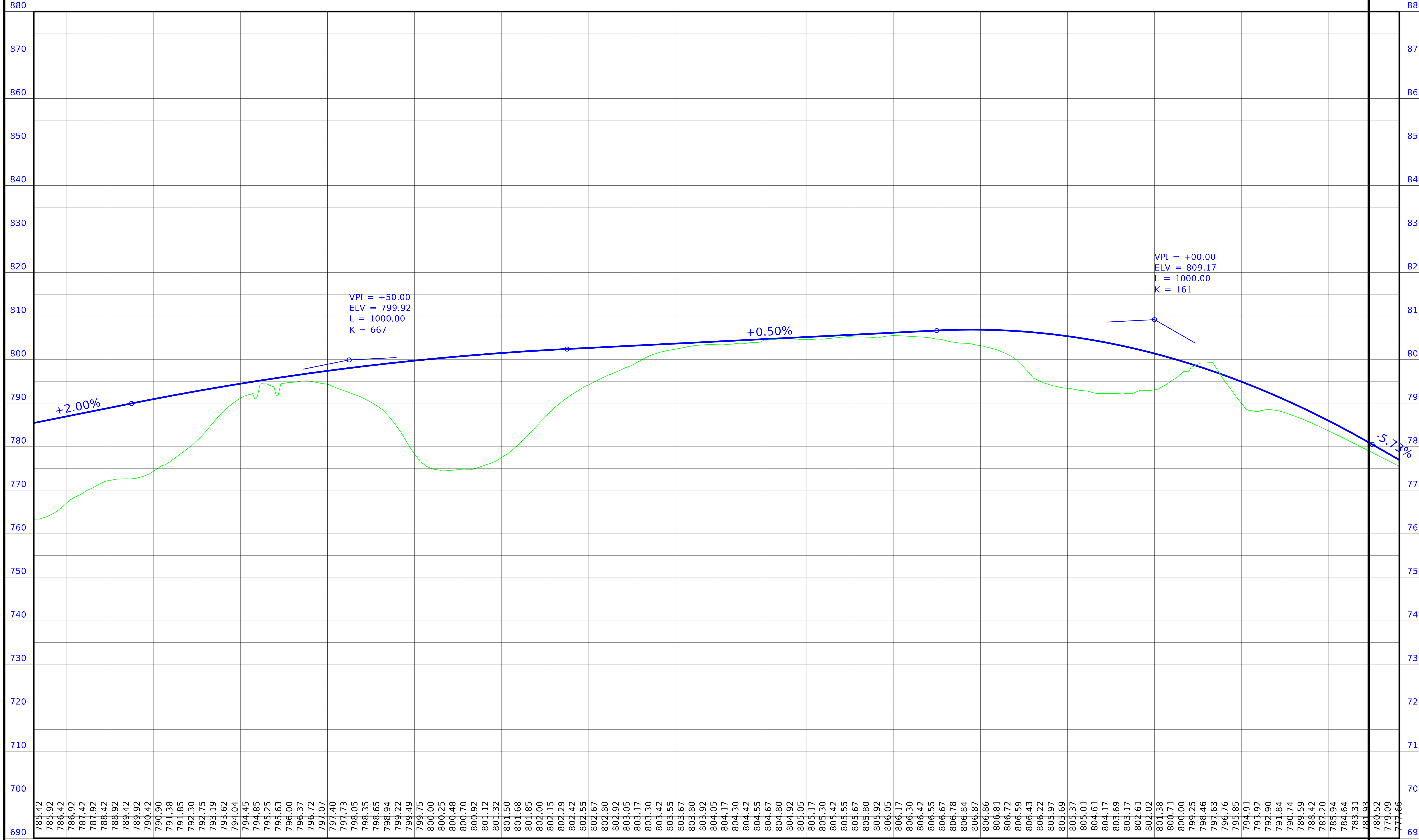

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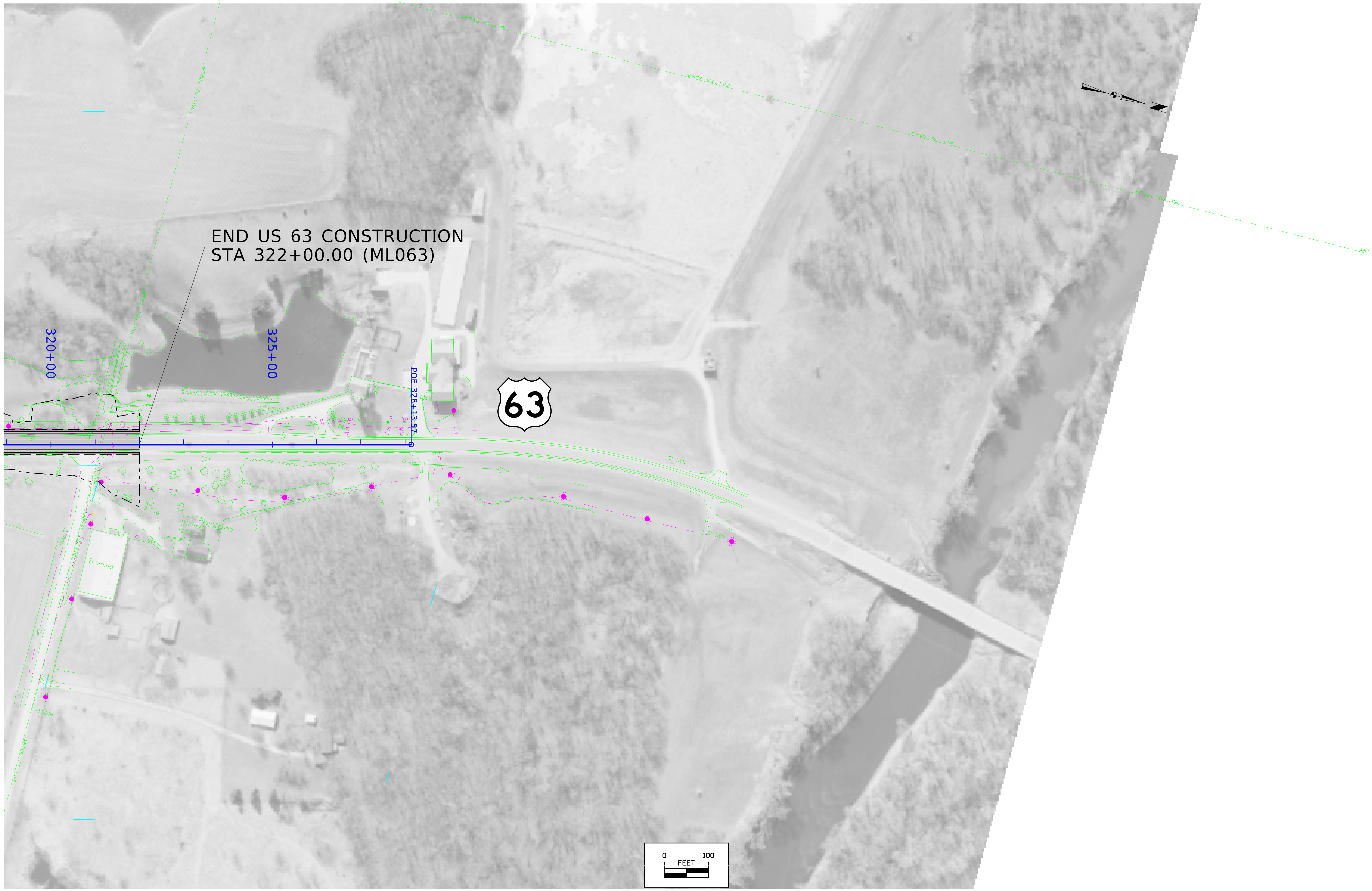

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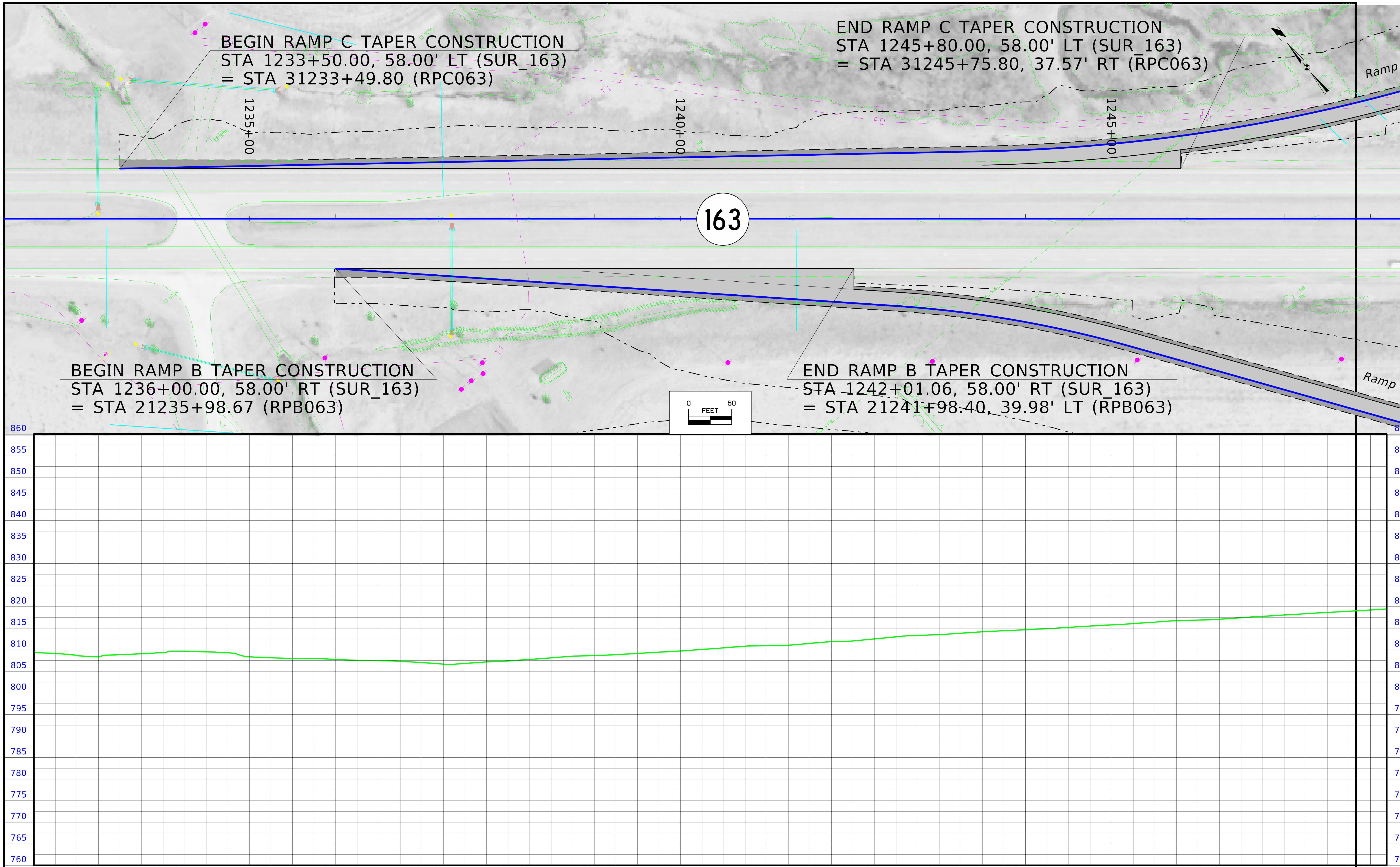
FILE NO. | ENGLISH | DESIGN TEAM Flattery / Johnson | MAHASKA COUNTY | PROJECT NUMBER NHSX-063-3(93)--3H-62 | SHEET NUMBER D.17



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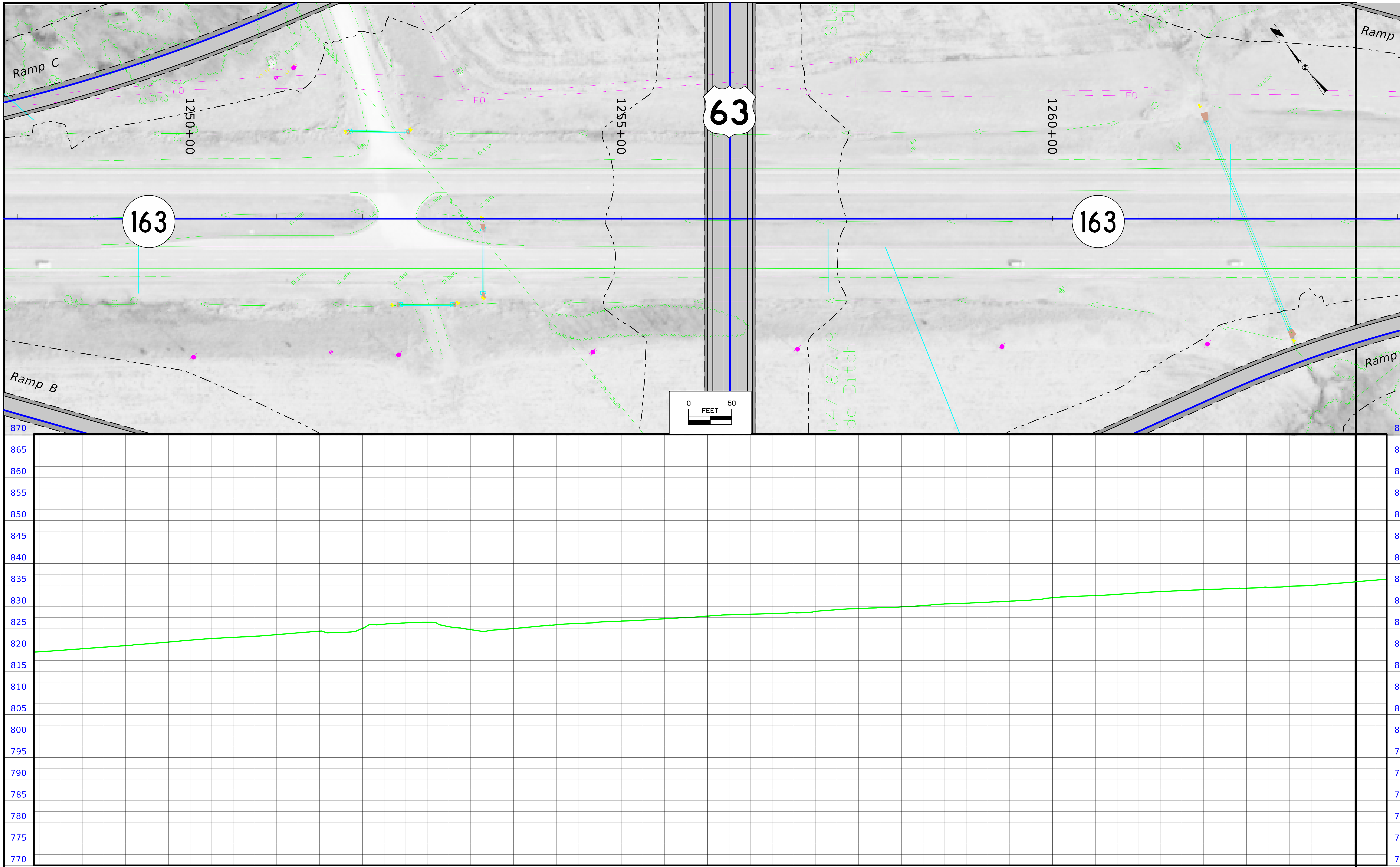

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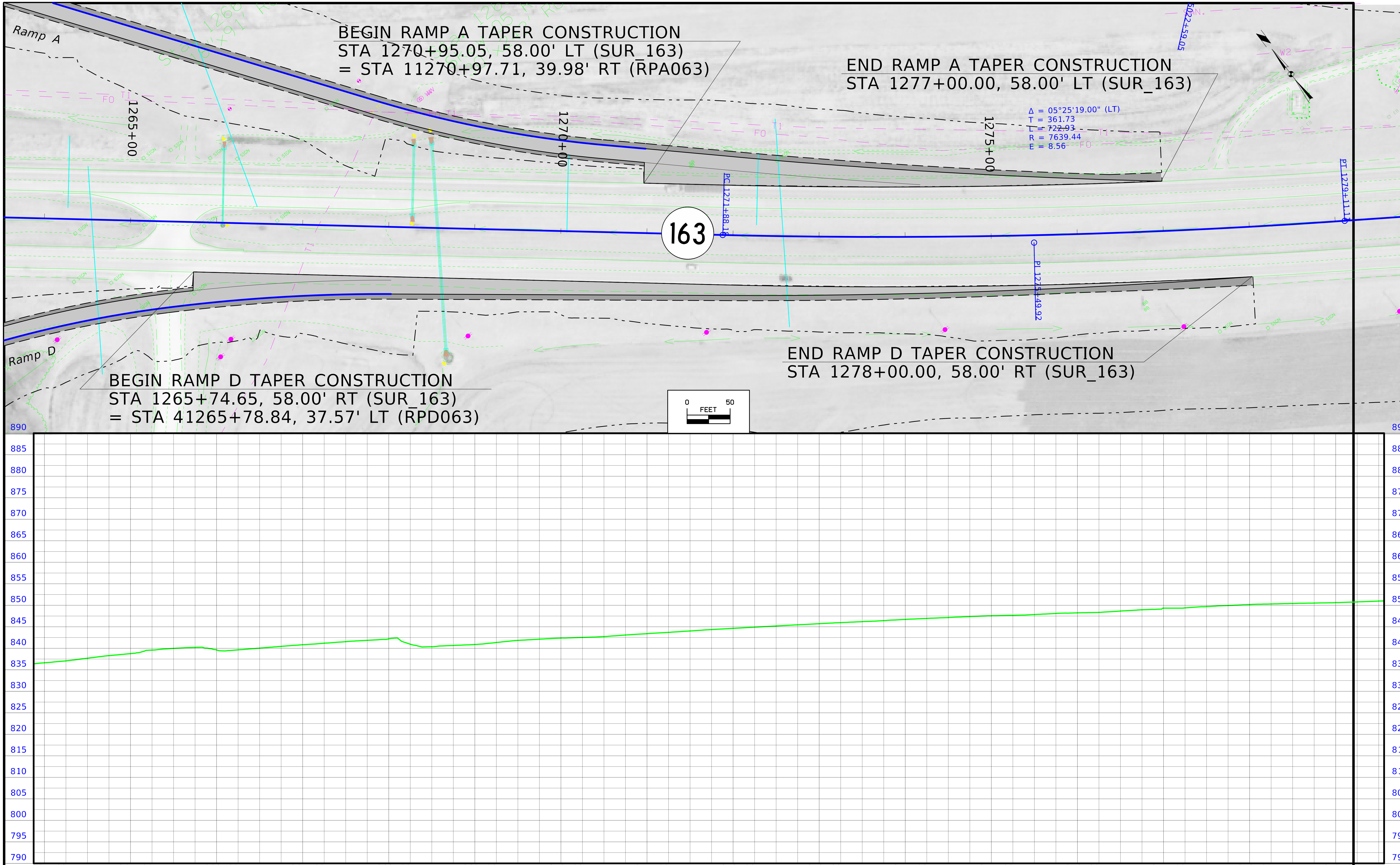

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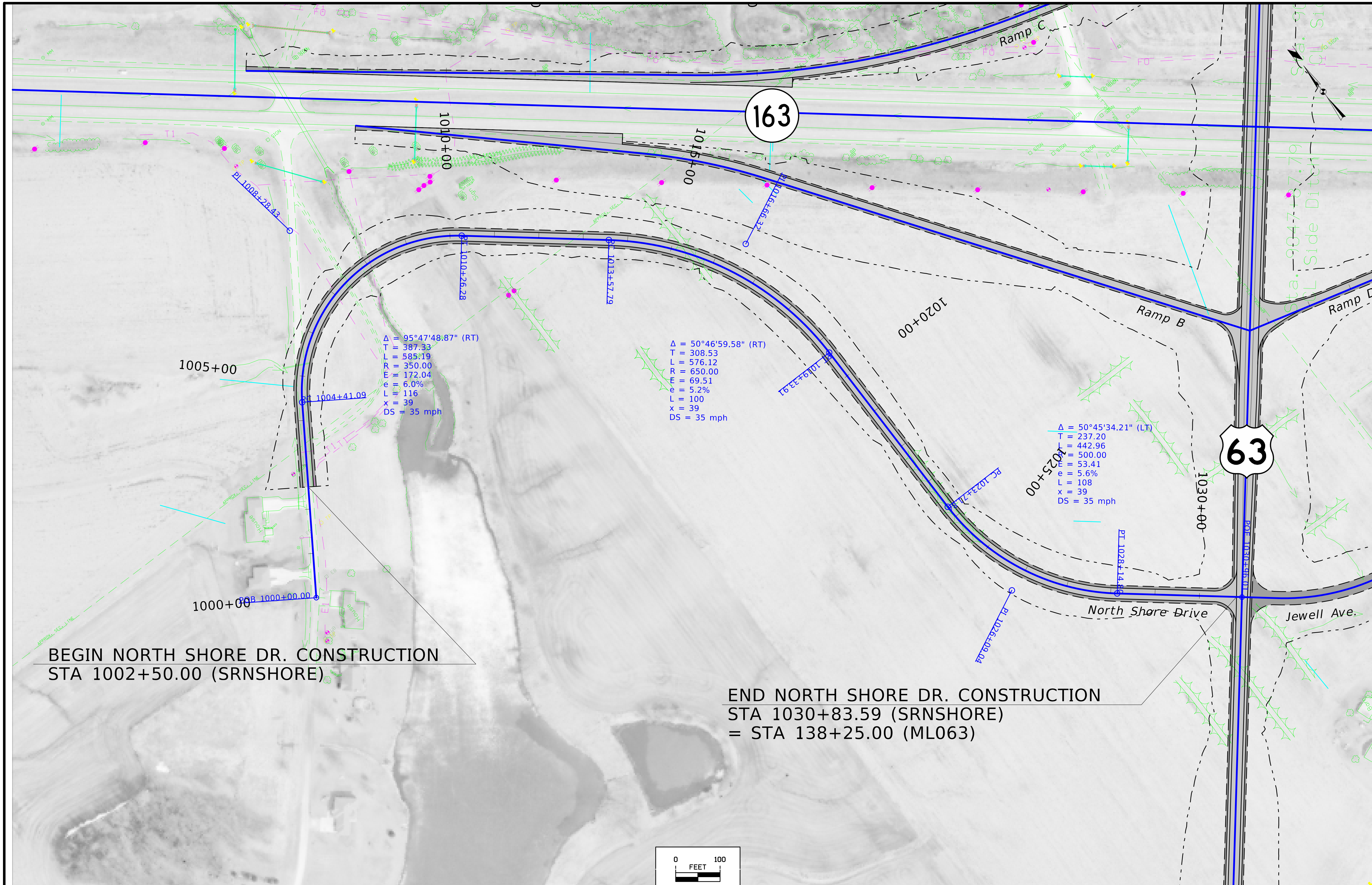

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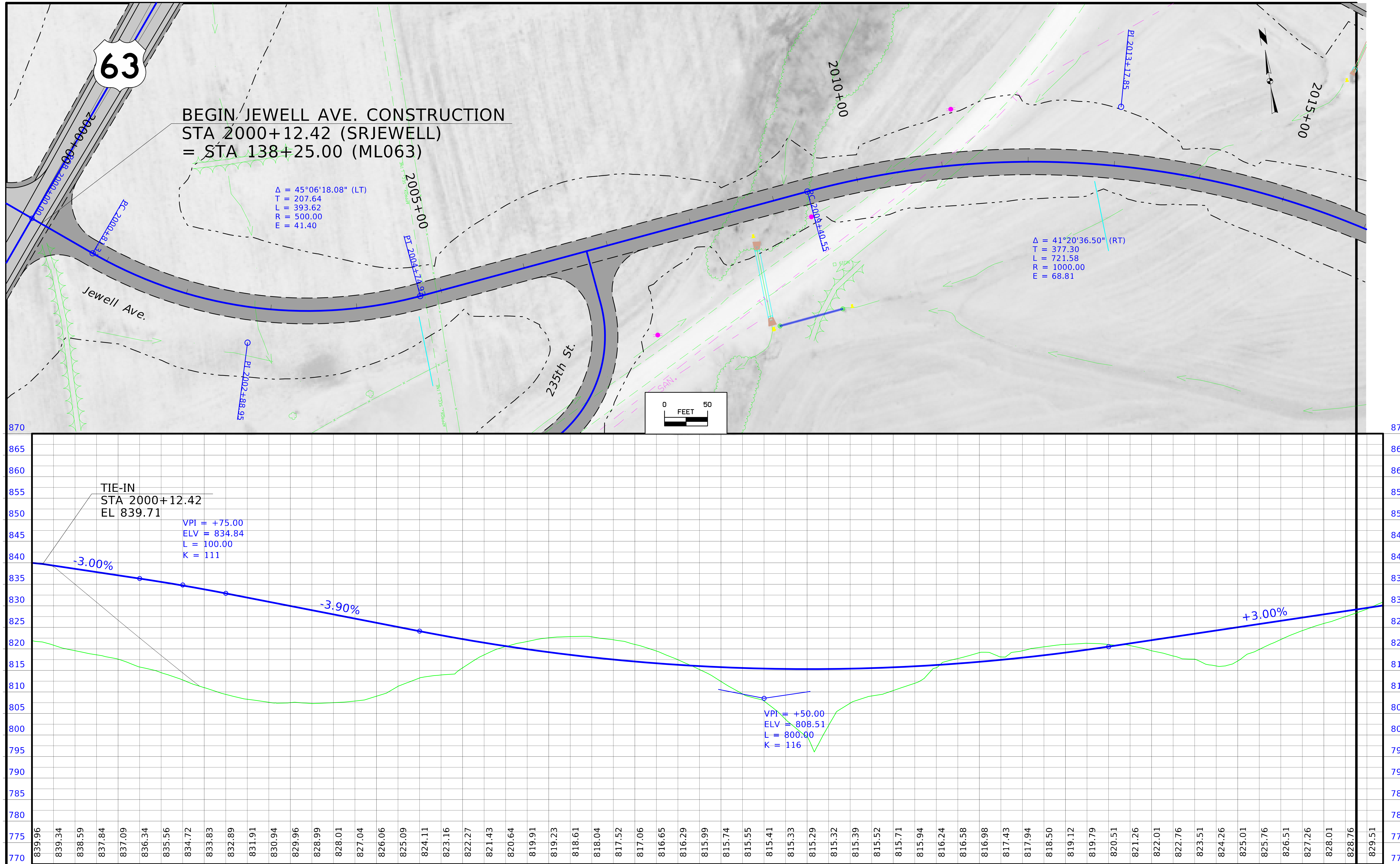

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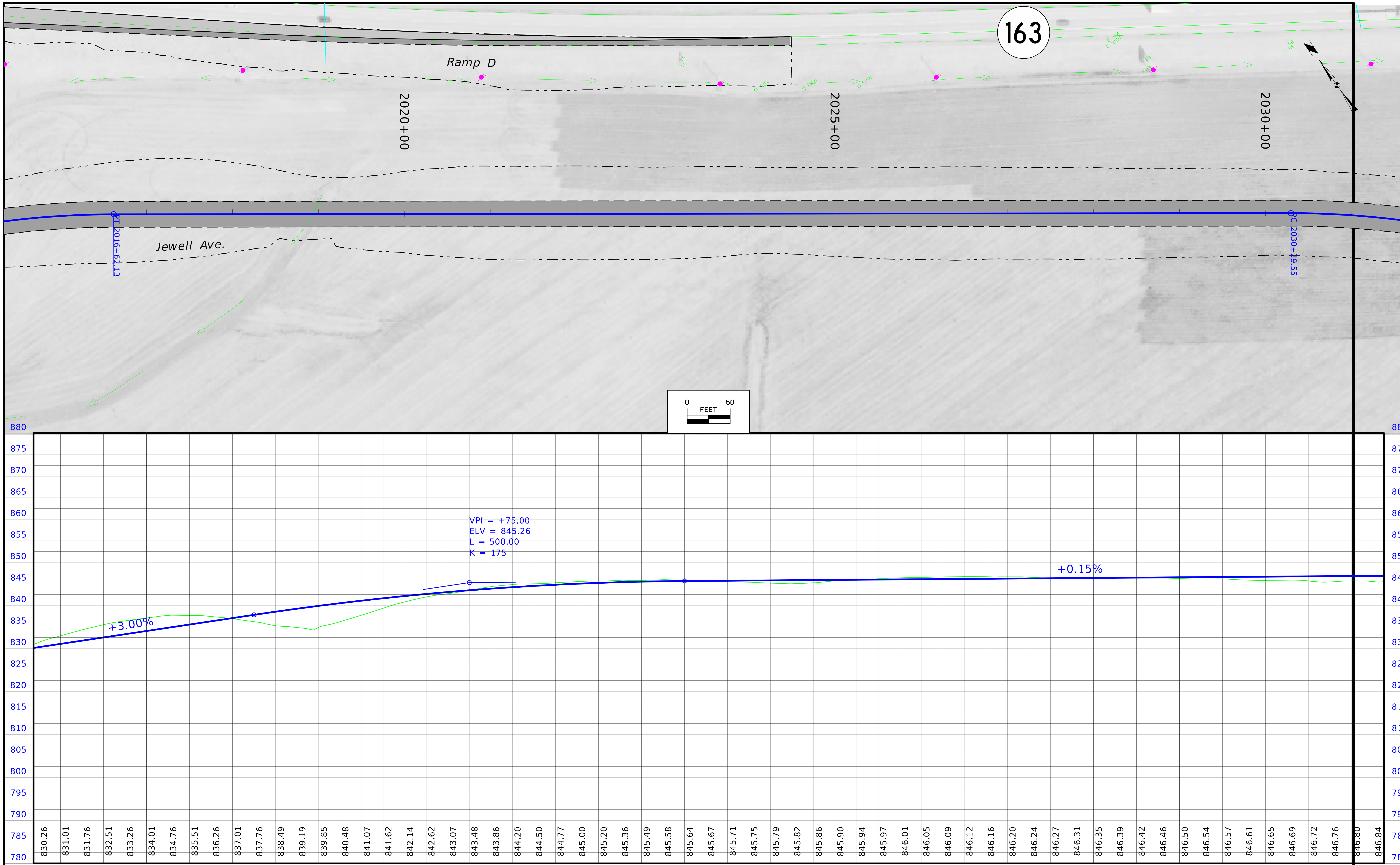

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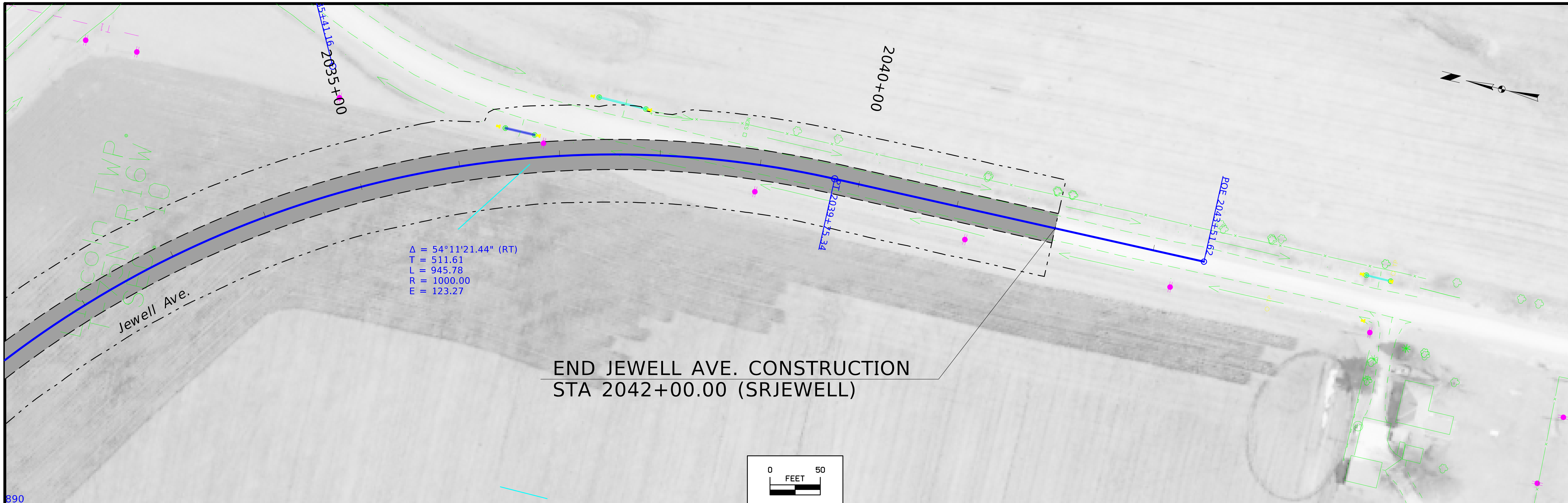

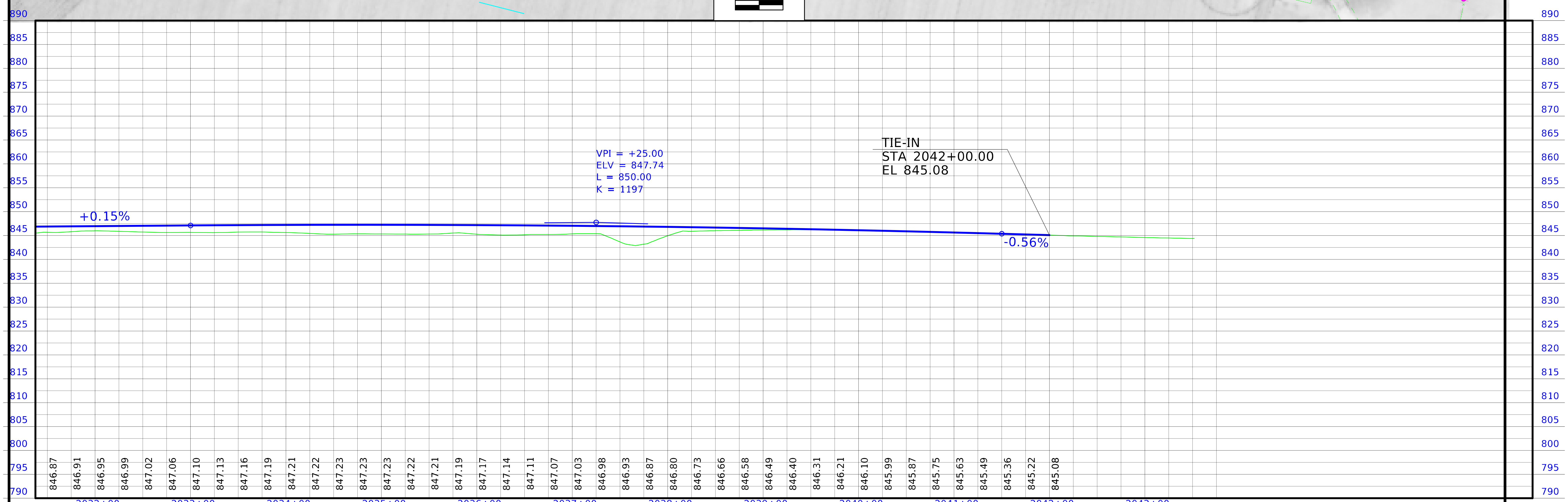

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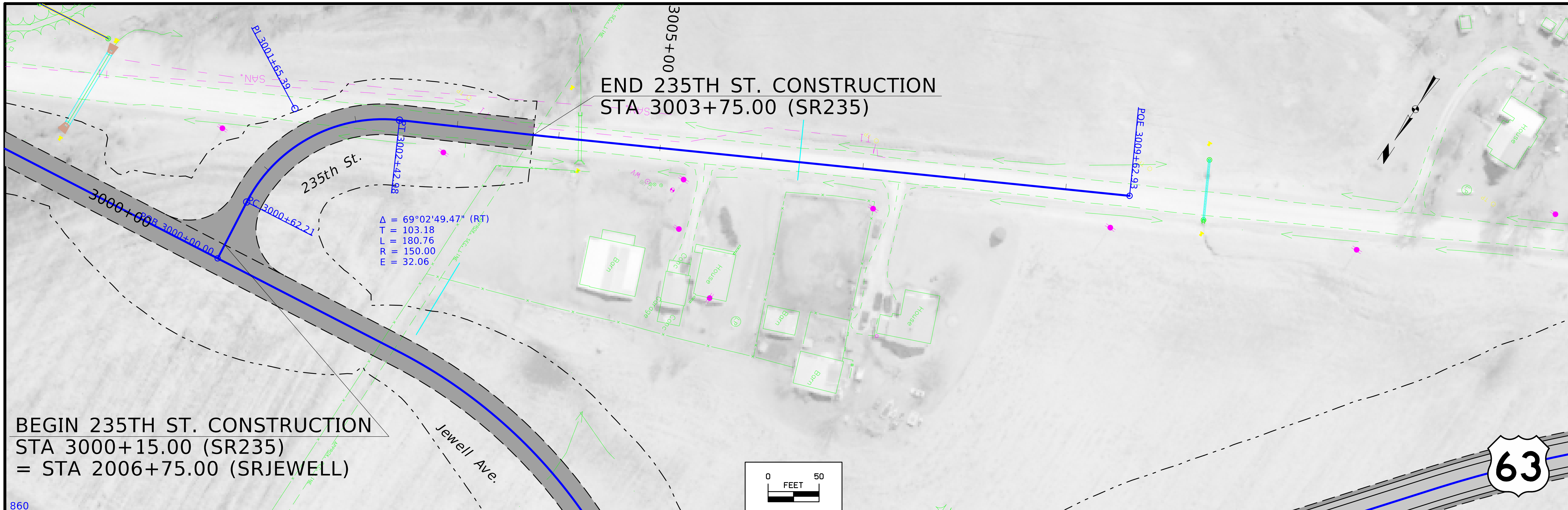

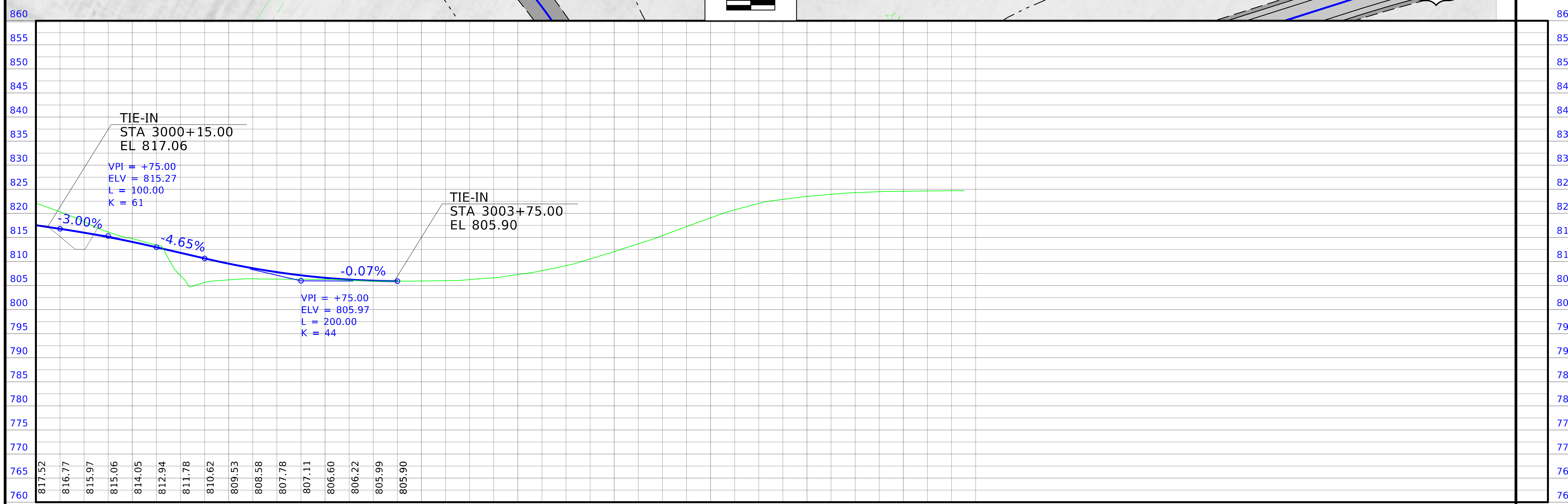

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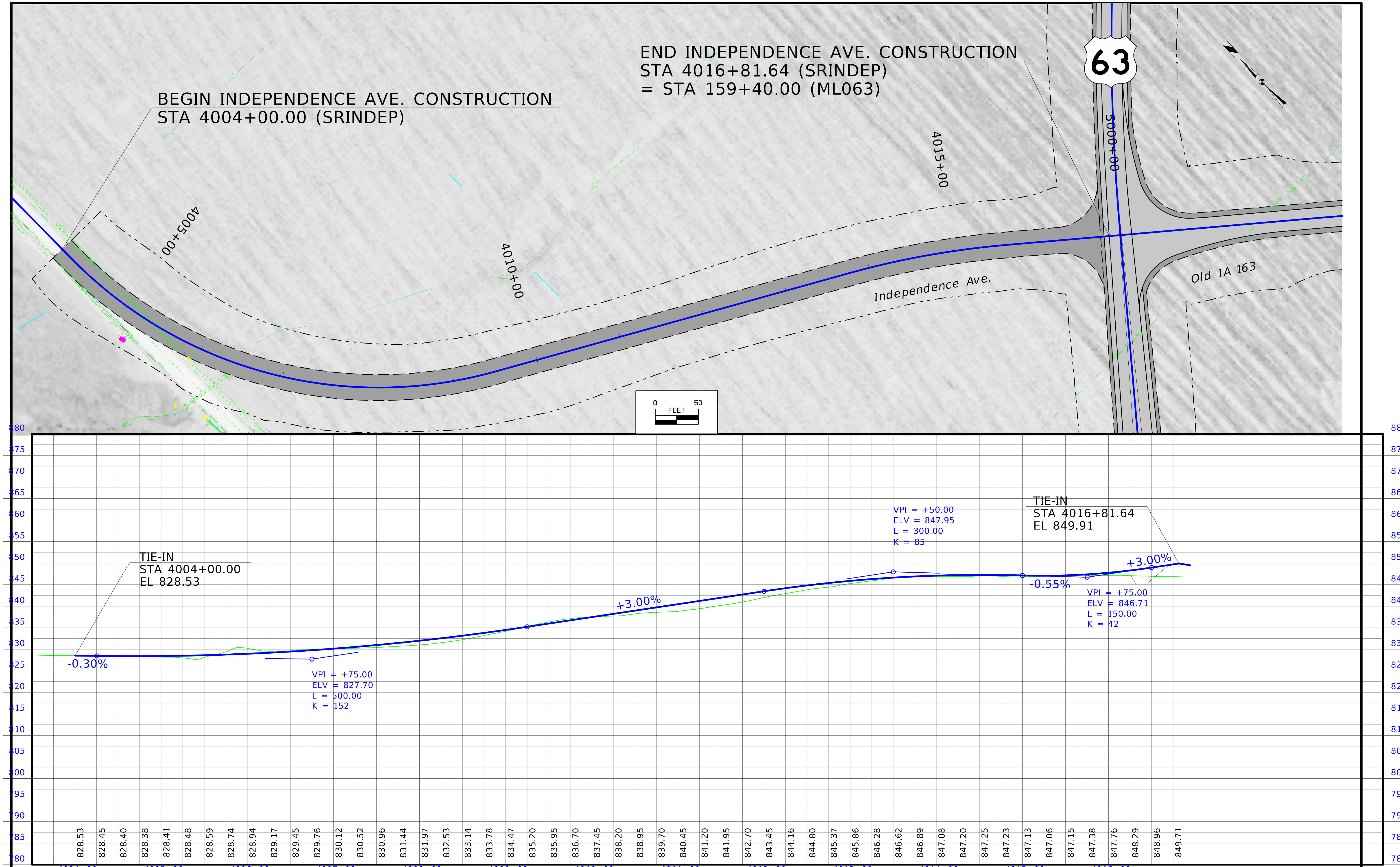

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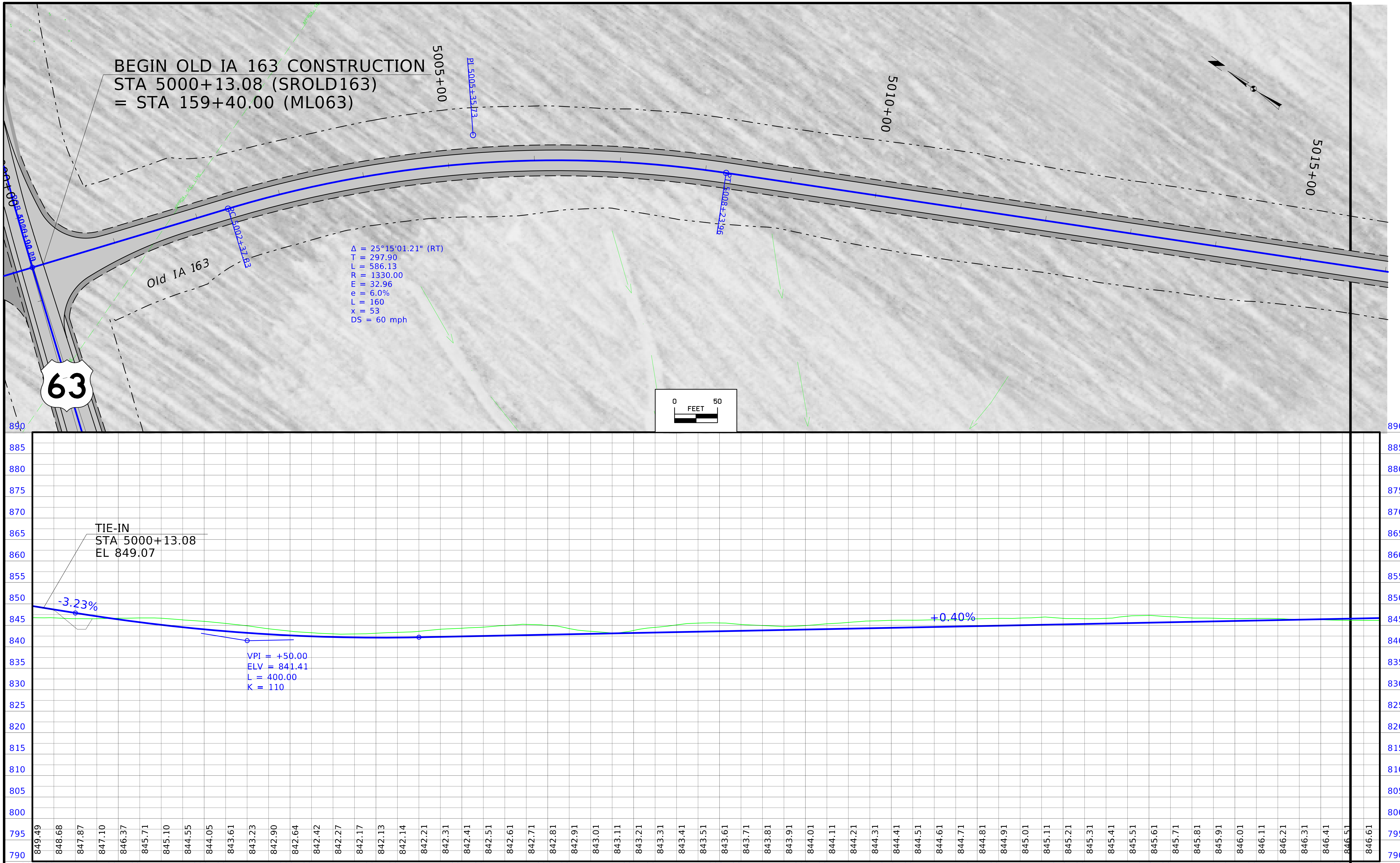

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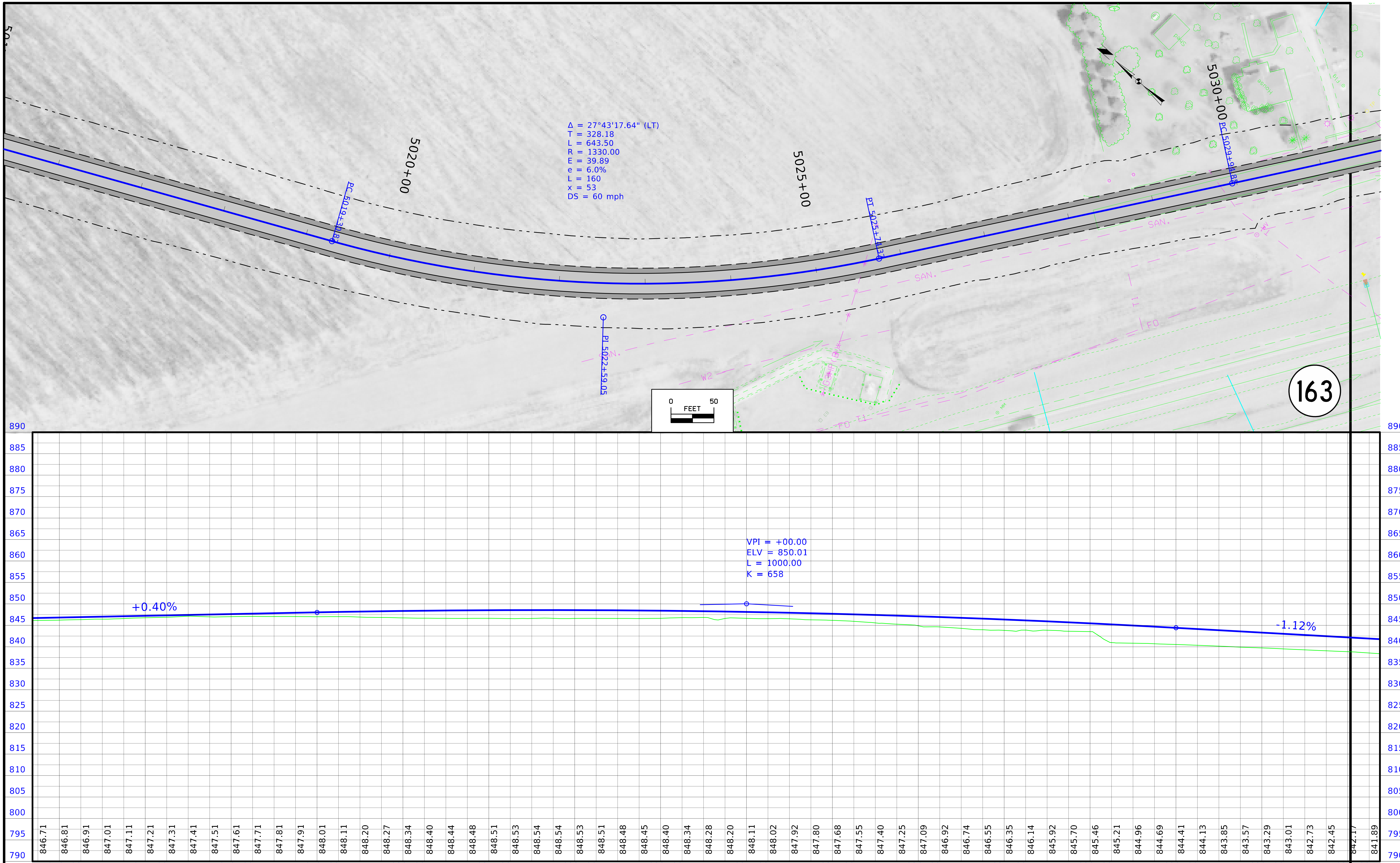
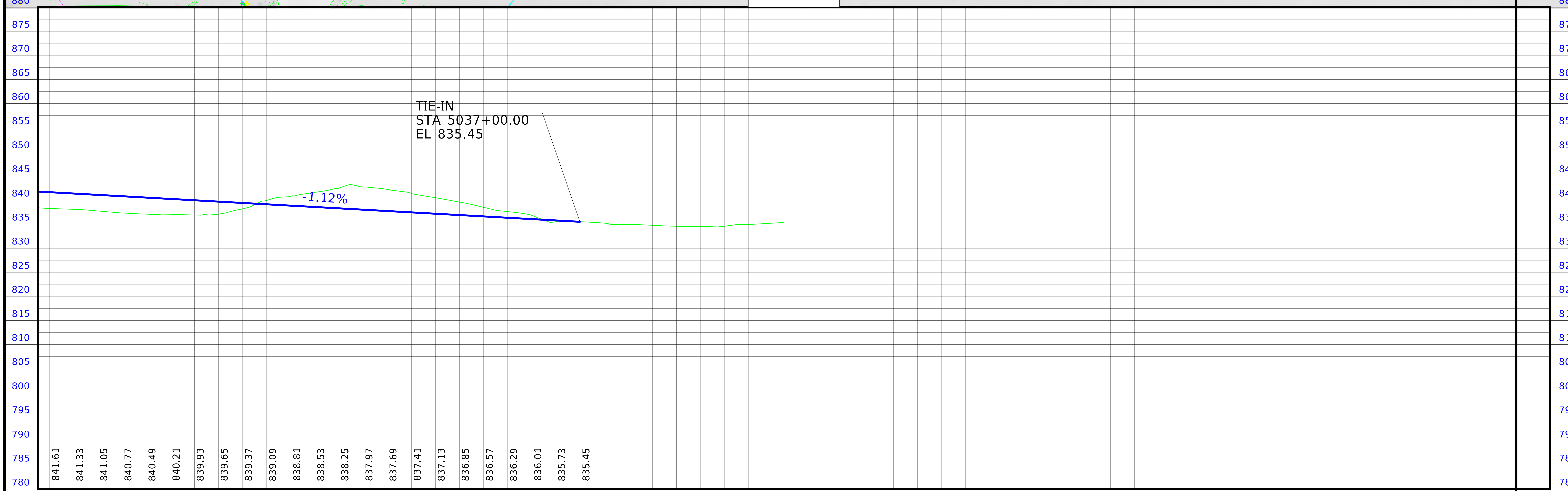


5020+00
5025+00
5030+00
PC 5019+30.83
PI 5022+59.05
PT 5025+74.33
PC 5029+94.85
Δ = 27°43'17.64" (LT)
T = 328.18
L = 643.50
R = 1330.00
E = 39.89
e = 6.0%
L = 160
x = 53
DS = 60 mph
SAN.
FO
W2
0 50 FEET
163
VPI = +00.00
ELV = 850.01
L = 1000.00
K = 658
+0.40%
-1.12%
890 885 880 875 870 865 860 855 850 845 840 835 830 825 820 815 810 805 800 795 790
846.71 846.81 846.91 847.01 847.11 847.21 847.31 847.41 847.51 847.61 847.71 847.81 847.91 848.01 848.11 848.20 848.27 848.34 848.40 848.44 848.48 848.51 848.53 848.54 848.54 848.53 848.51 848.48 848.45 848.40 848.34 848.28 848.20 848.11 848.02 847.92 847.80 847.68 847.55 847.40 847.25 847.09 846.92 846.74 846.55 846.35 846.14 845.92 845.70 845.46 845.21 844.96 844.69 844.41 844.13 843.85 843.57 843.29 843.01 842.73 842.45 842.17 841.89
5016+00 5017+00 5018+00 5019+00 5020+00 5021+00 5022+00 5023+00 5024+00 5025+00 5026+00 5027+00 5028+00 5029+00 5030+00 5031+00



FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER E.13

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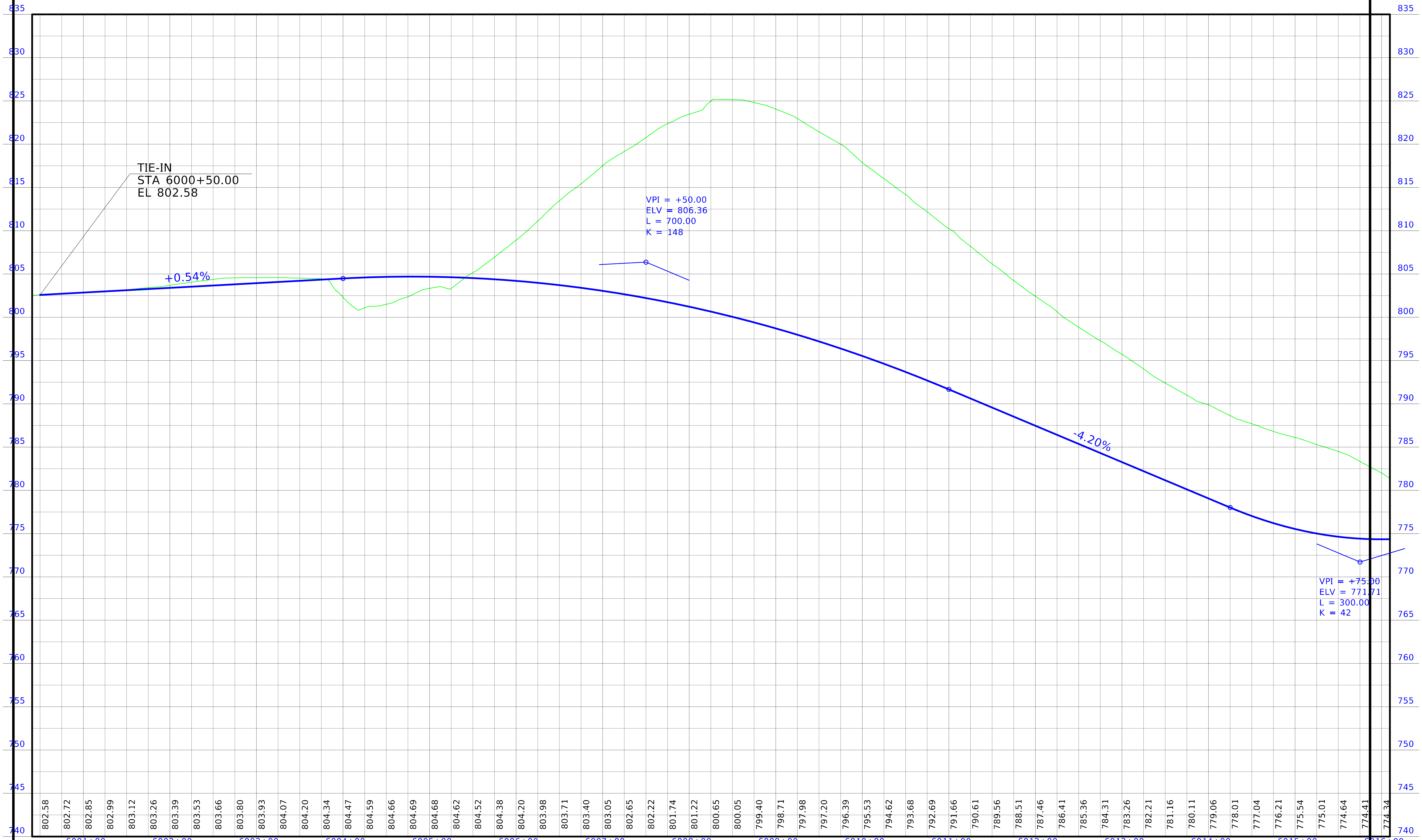
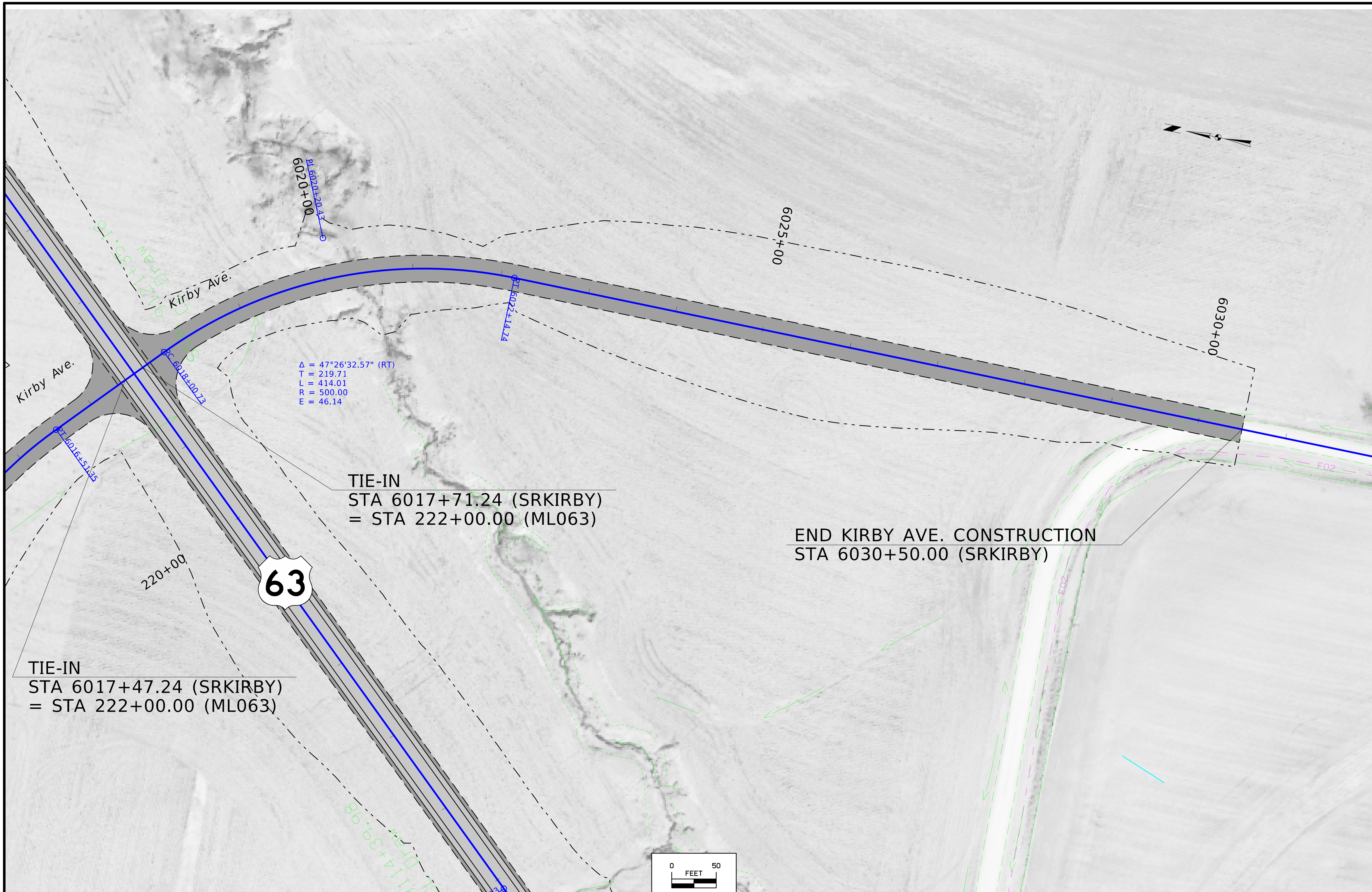
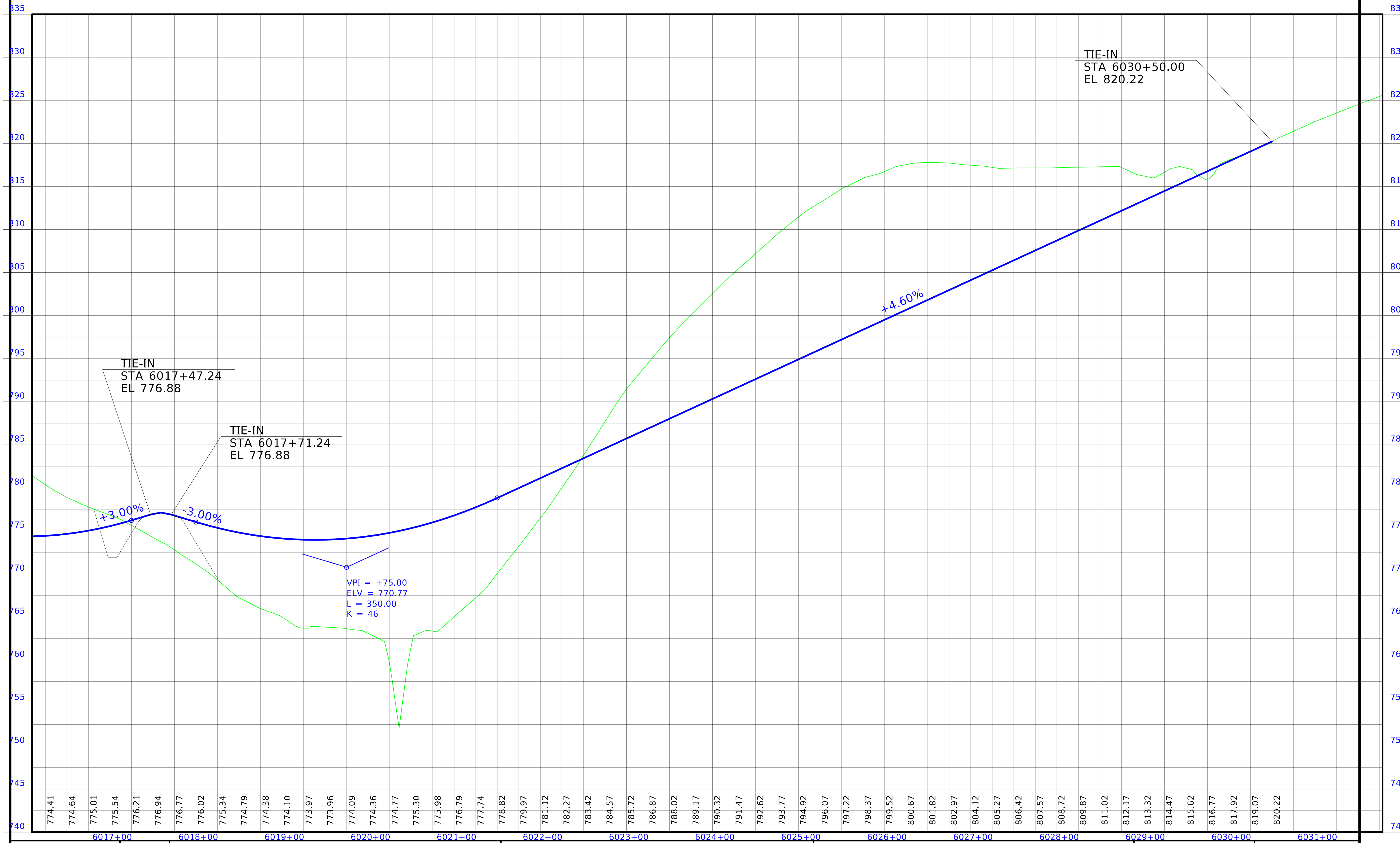


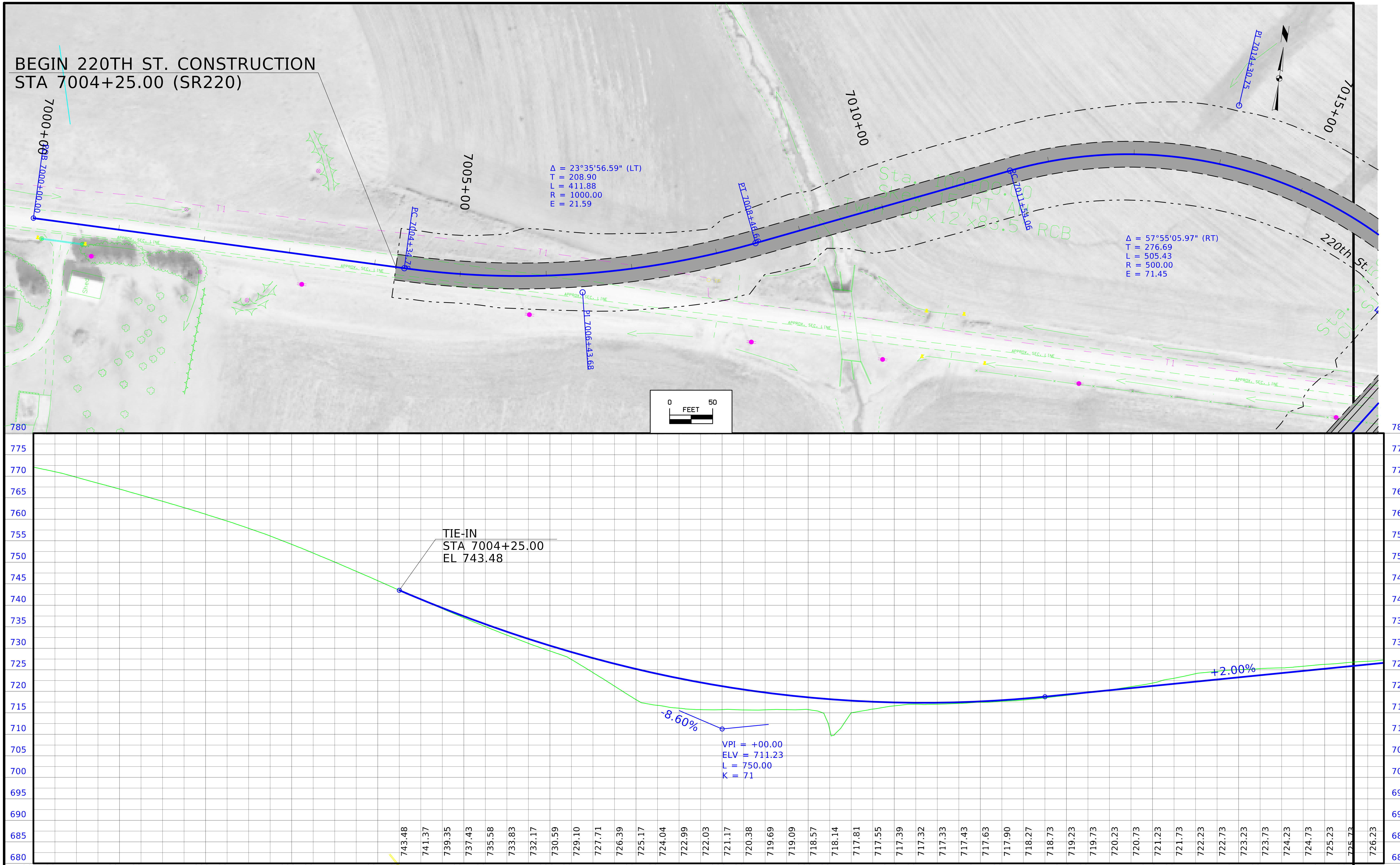
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER E.15



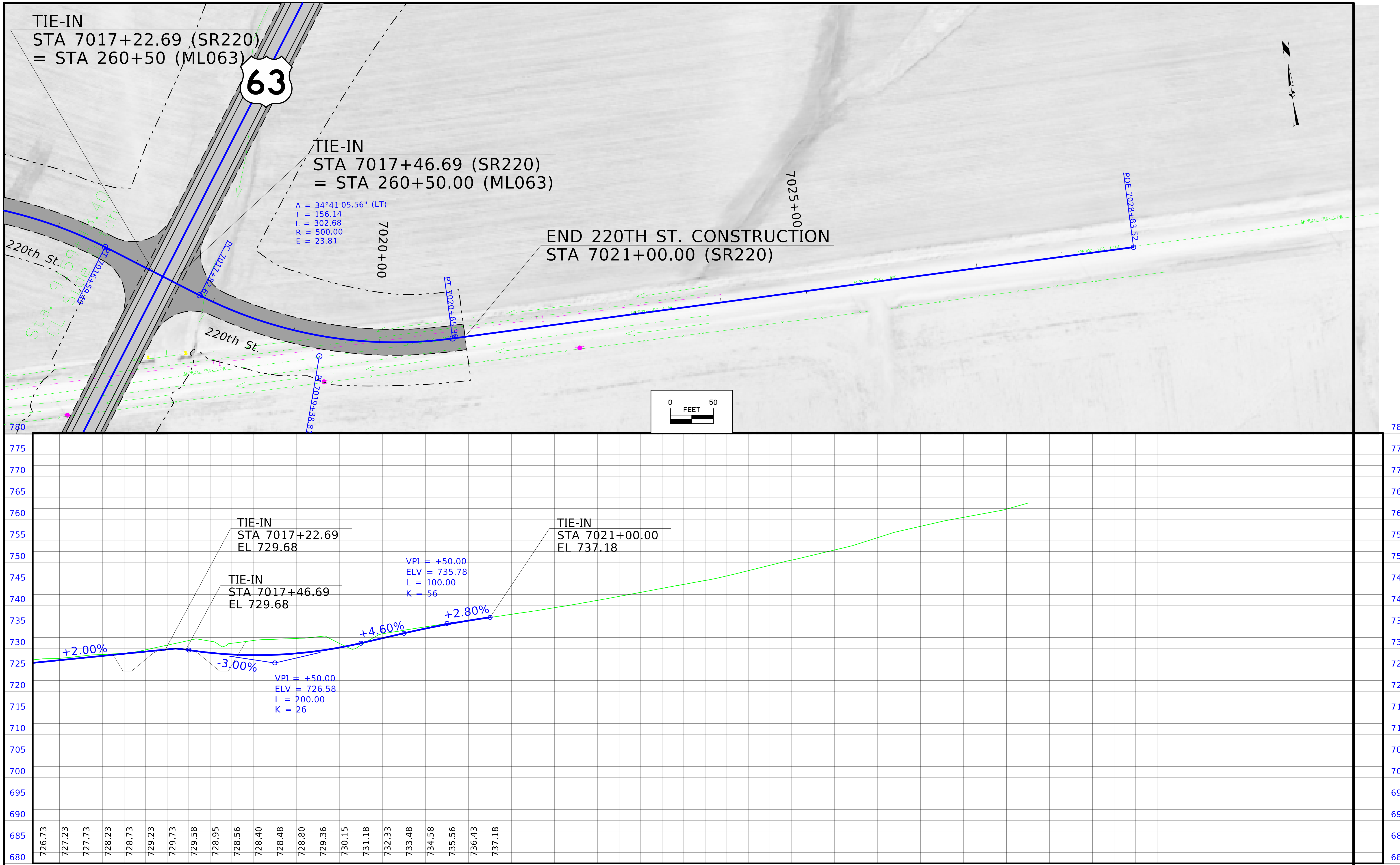
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER E.16



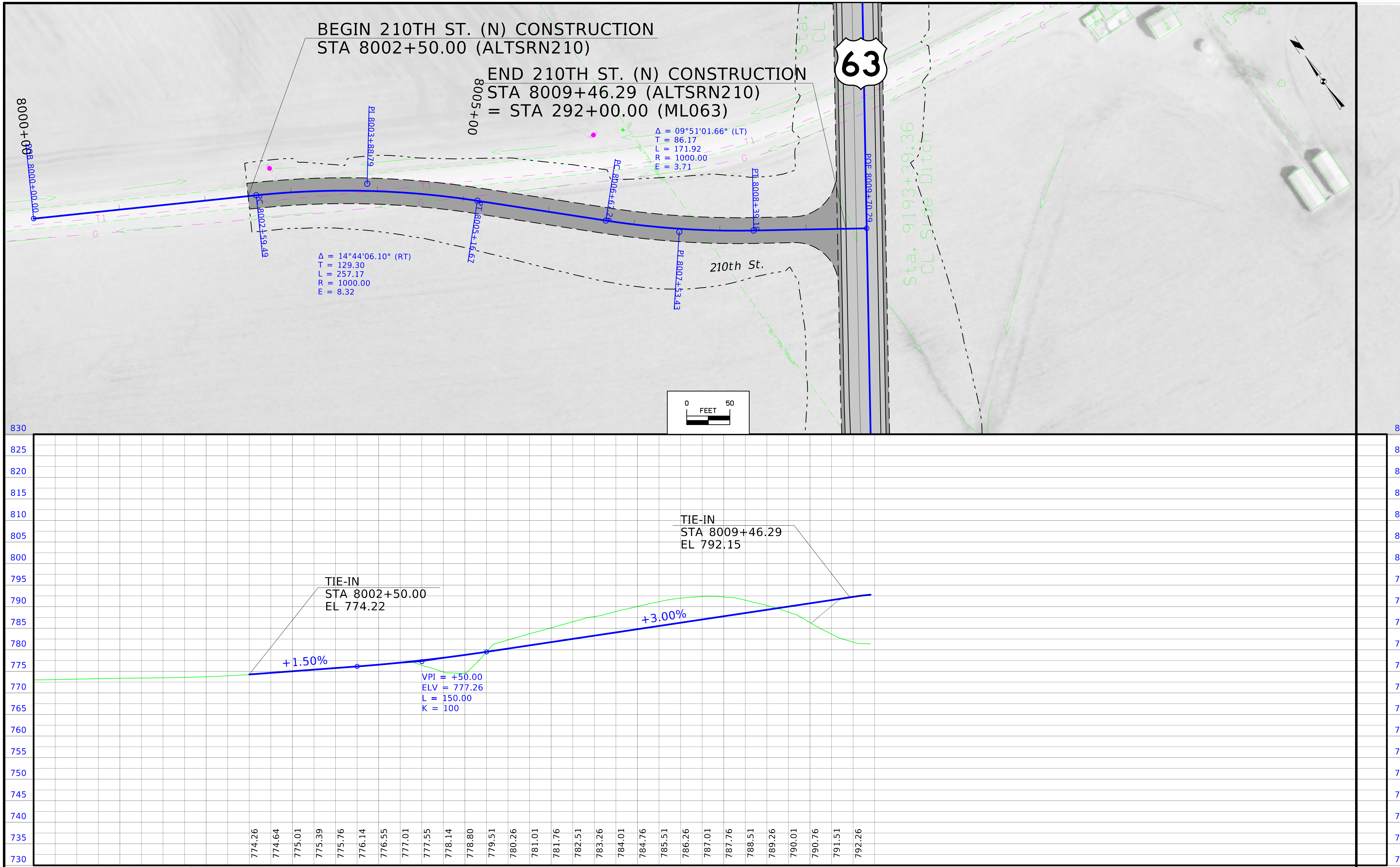
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER E.17



FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER E.18

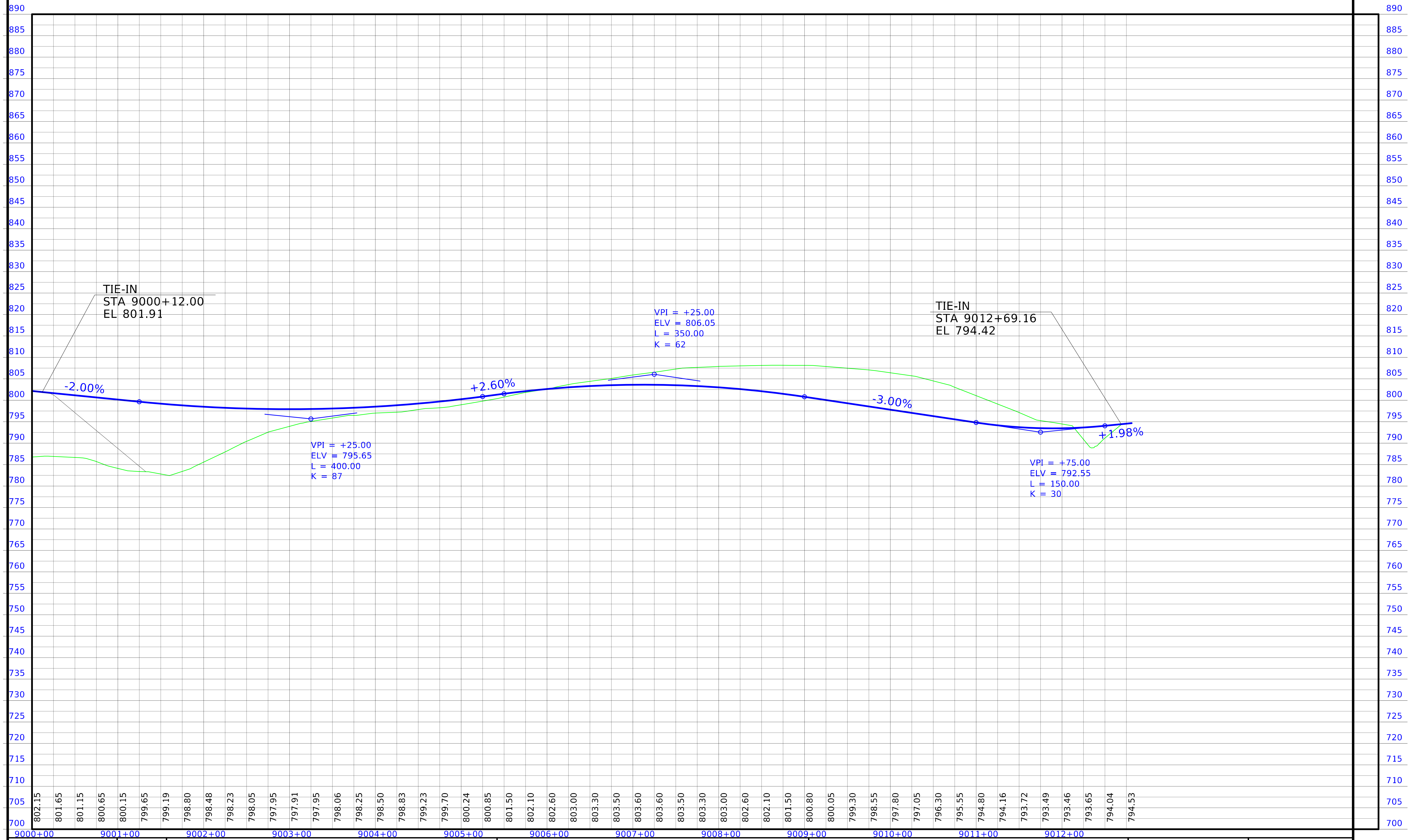


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA	COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER E.19



FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER E.20

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER E.21



FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER E.22

108-23A
08-01-08

TRAFFIC CONTROL PLAN

Traffic on US 63 and IA 163 will be maintained at all times.

108-26A
08-01-08

STAGING NOTES

108-25
10-21-14

511 TRAVEL RESTRICTIONS

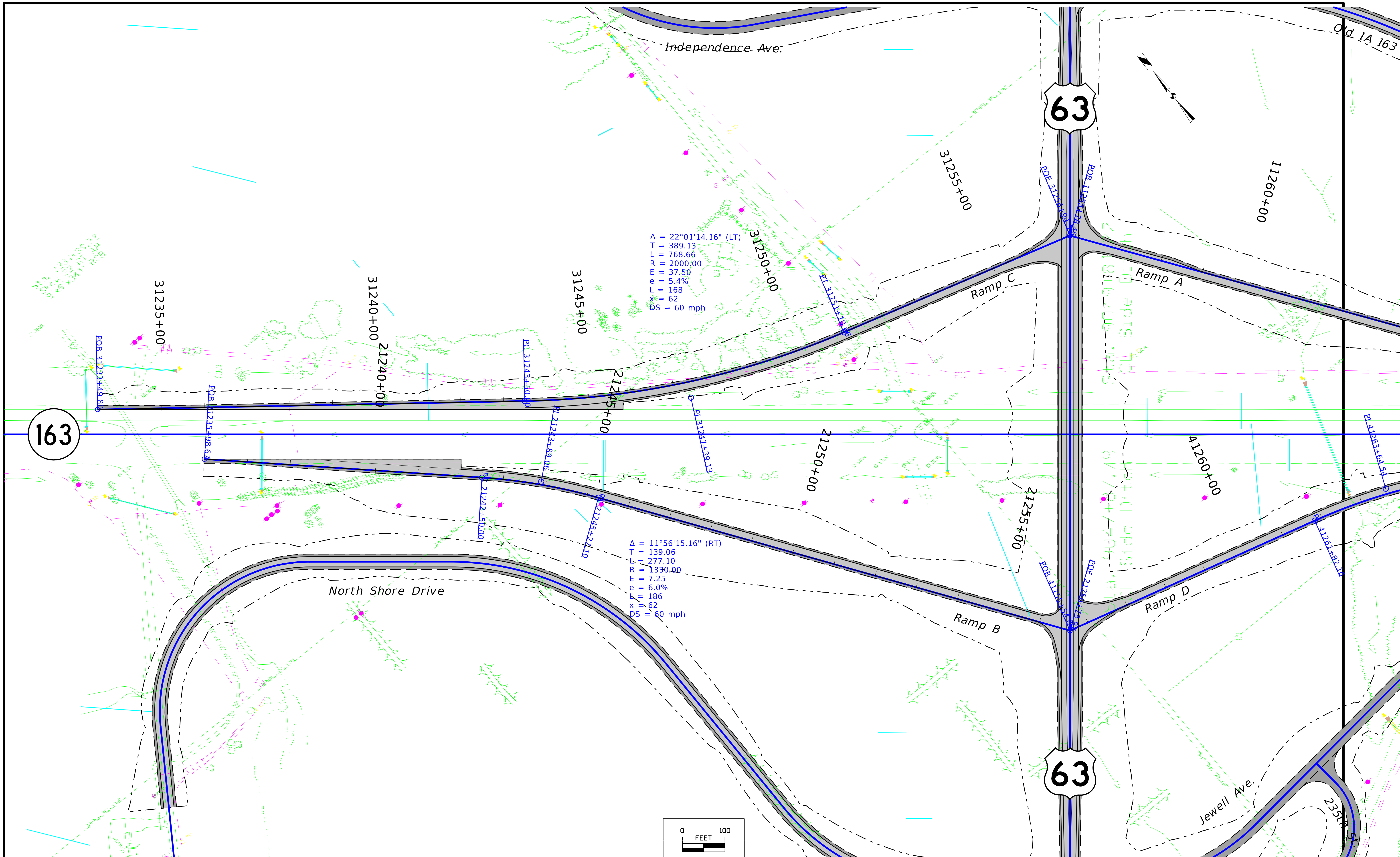
Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No., Structure ID, or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
			No restrictions expected.									

111-01
04-17-12

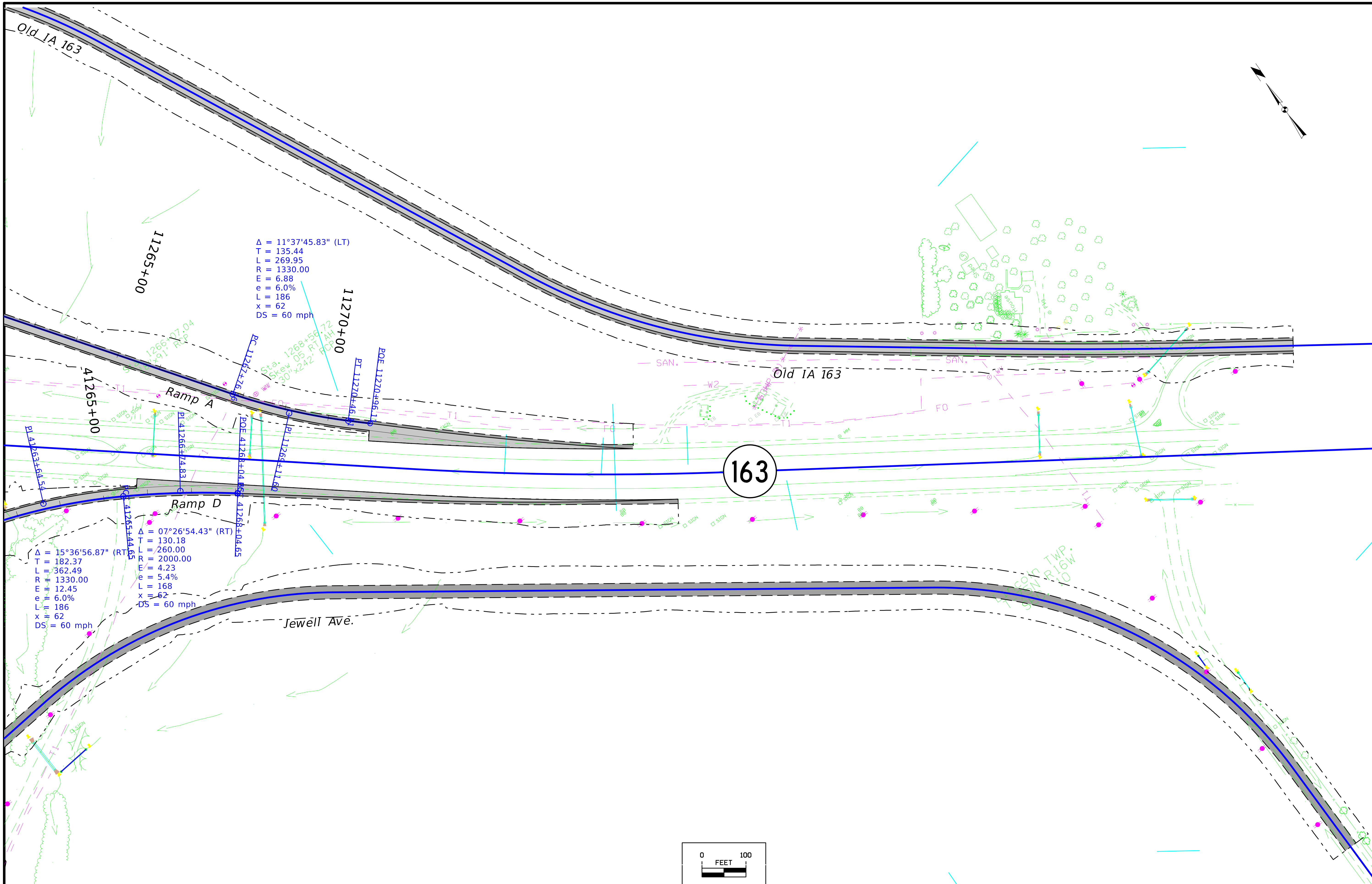
COORDINATED OPERATIONS

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.

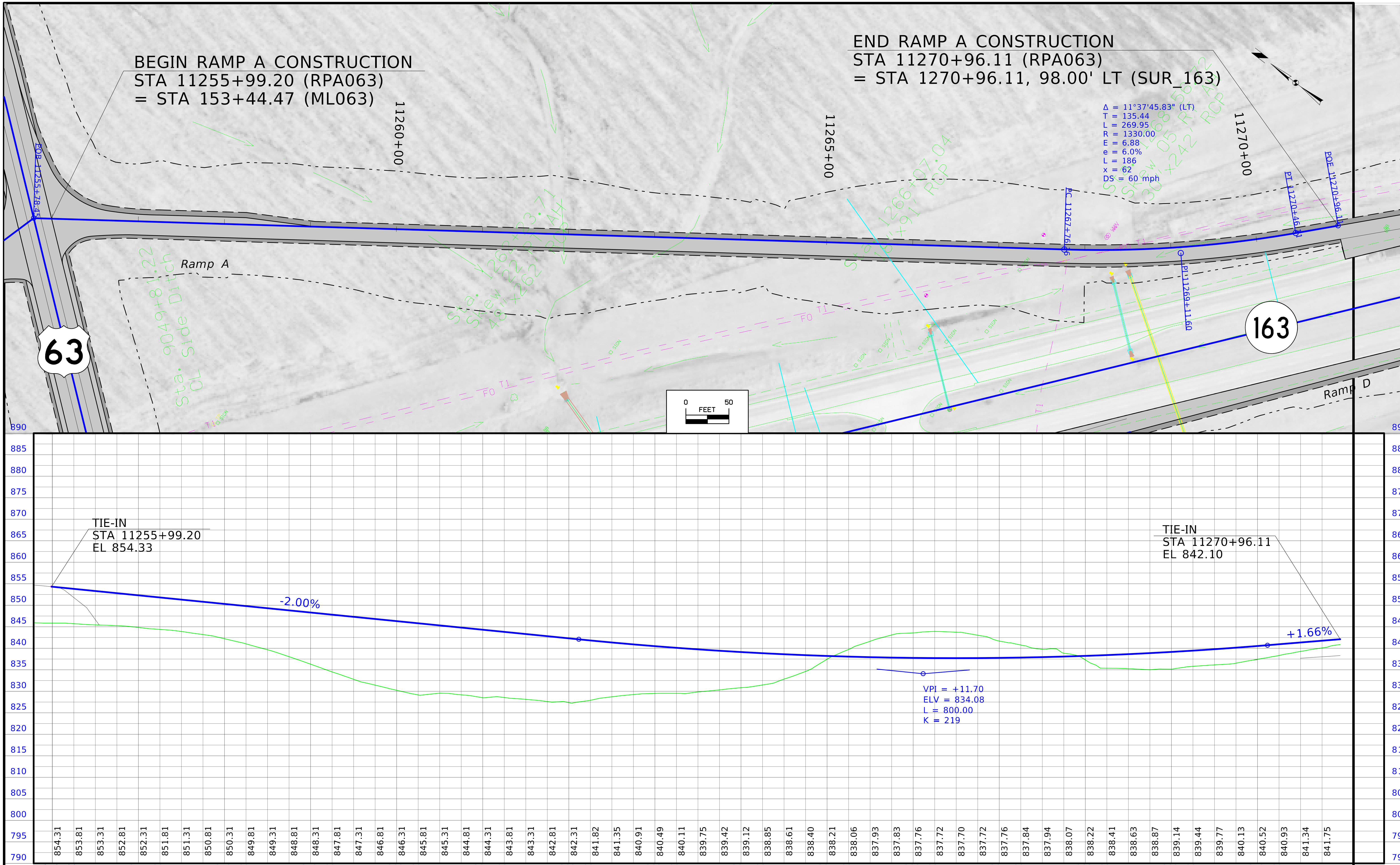
Project	Type of Work
None provided.	



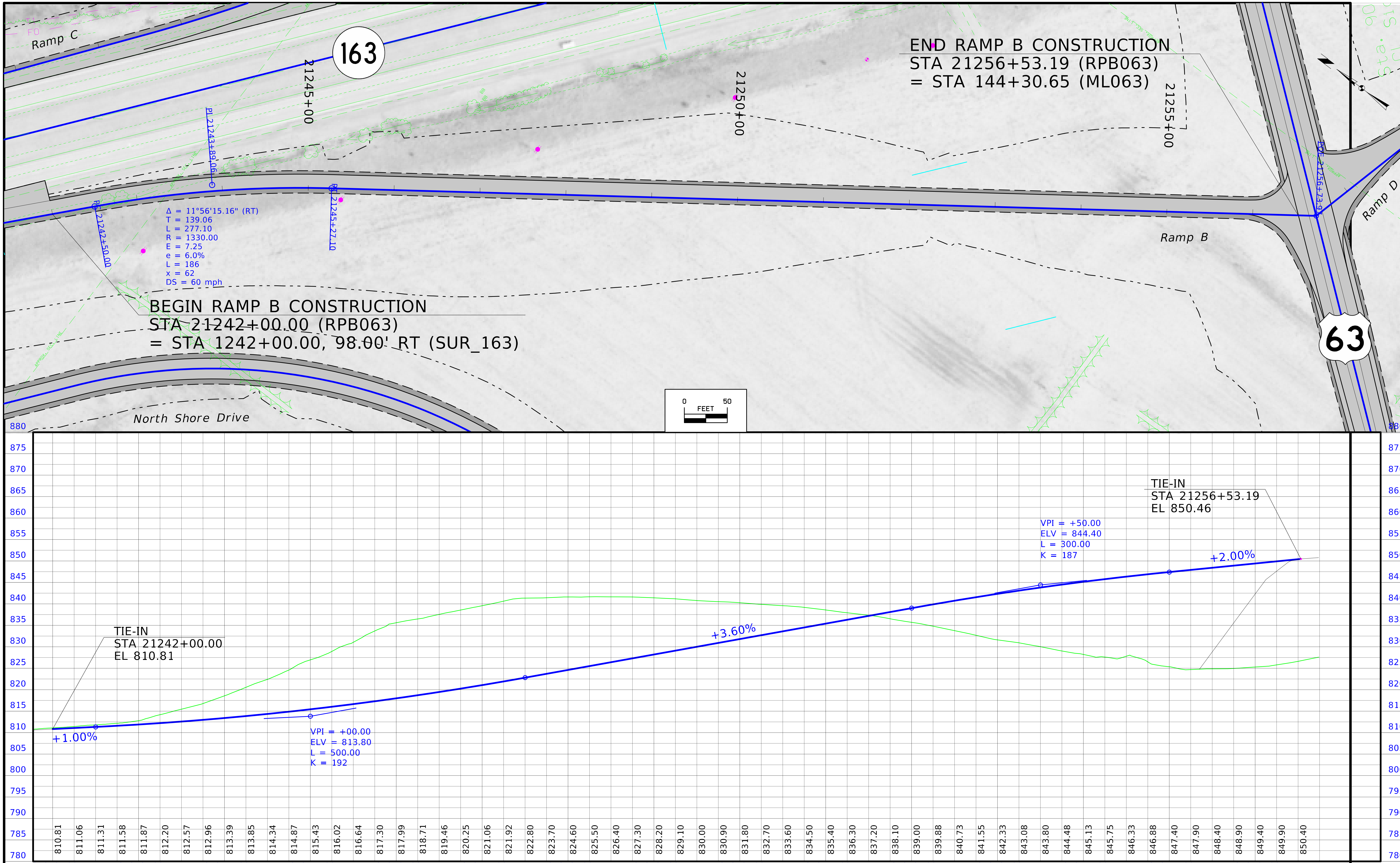
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER K.1



FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER K.2



FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER K.3



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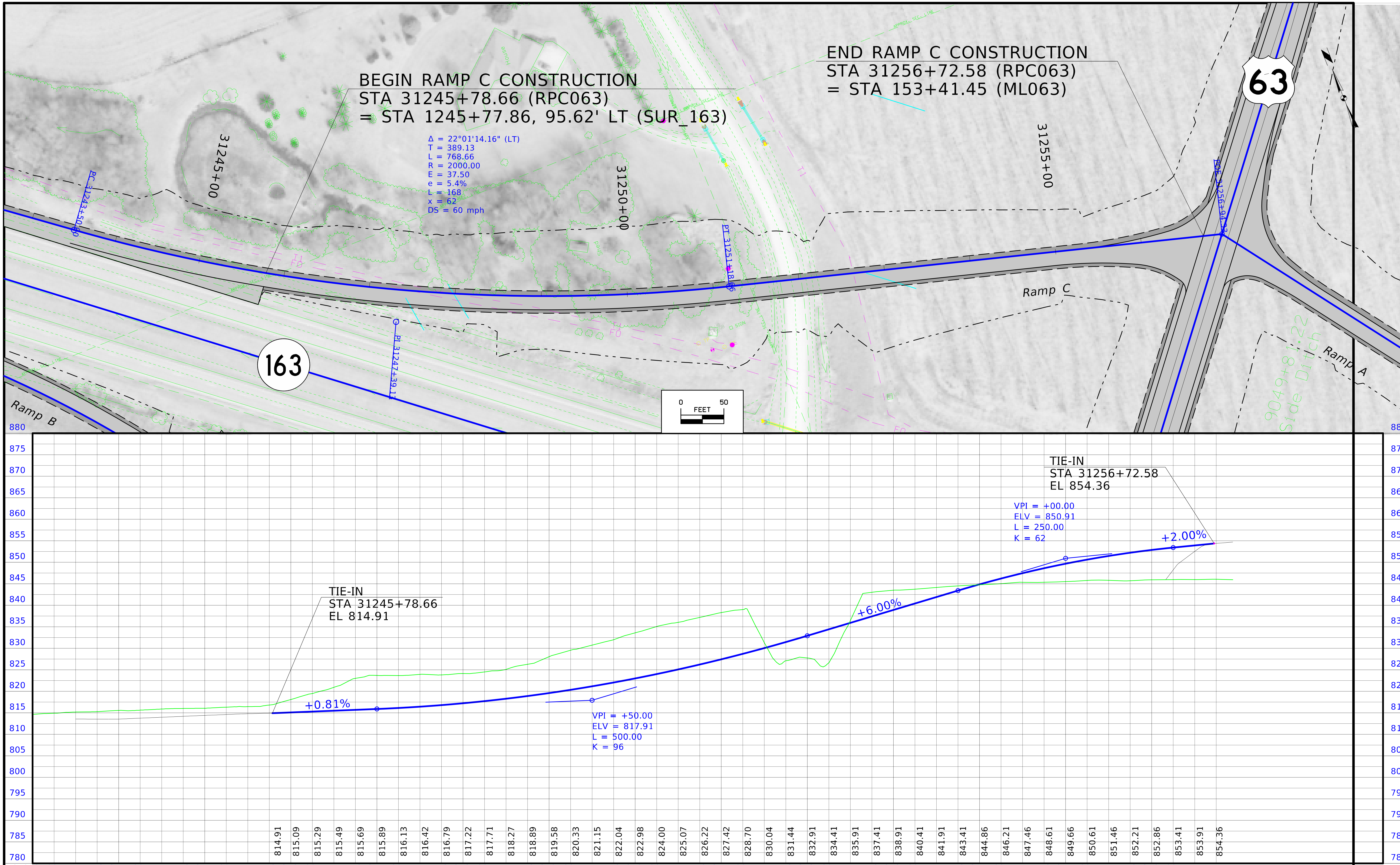
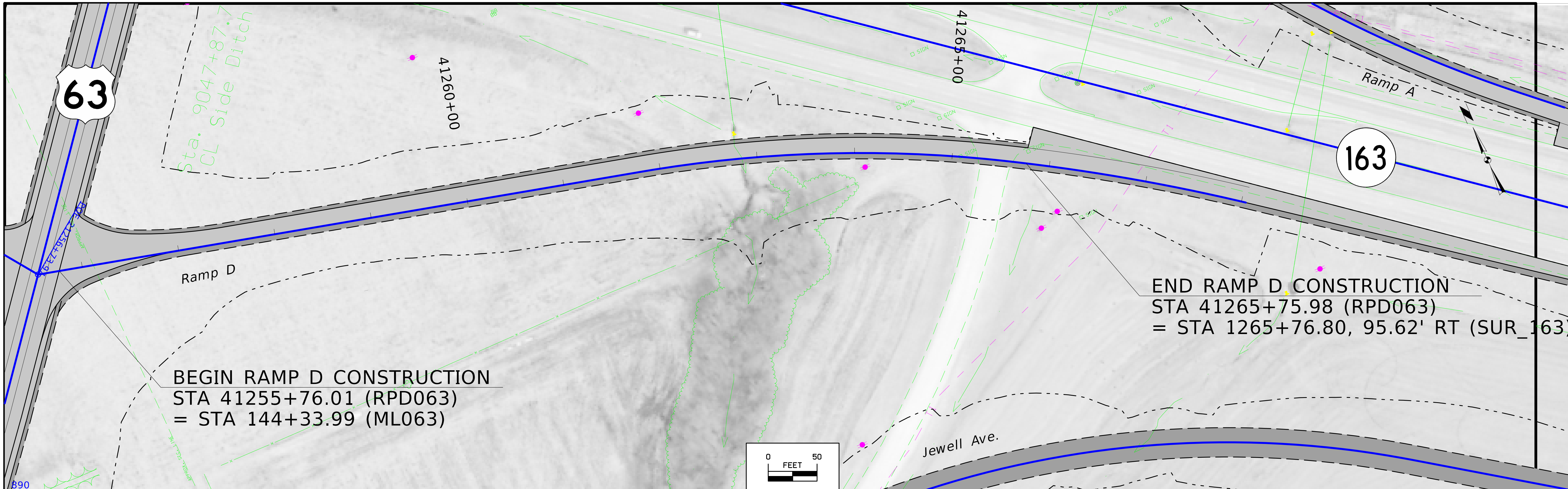
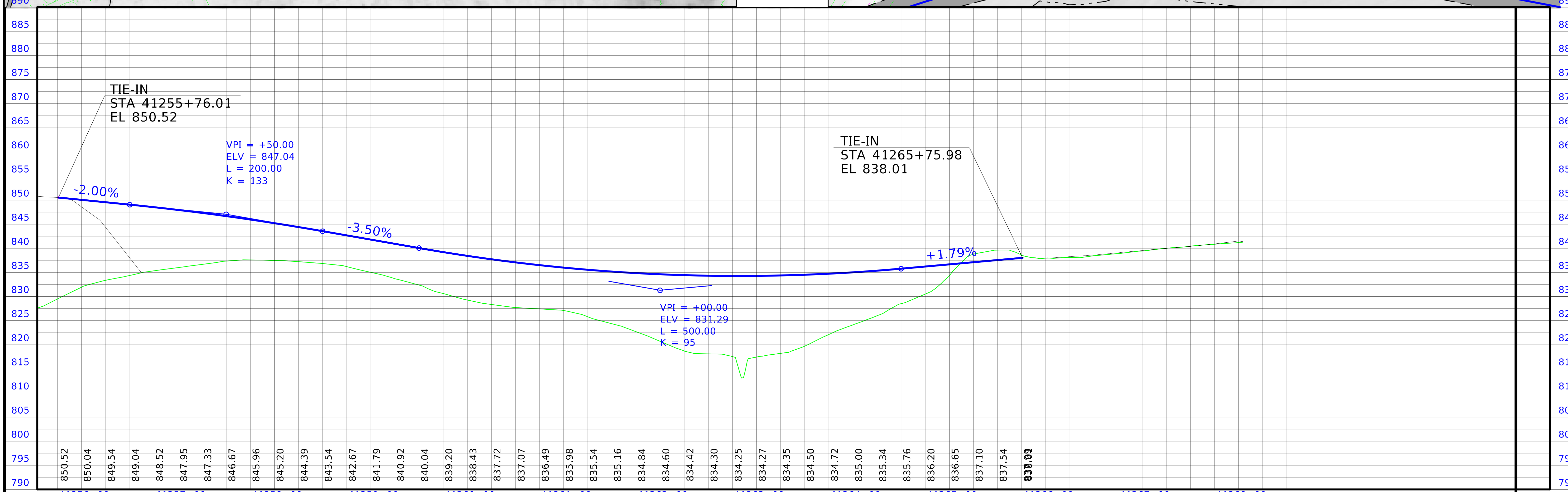


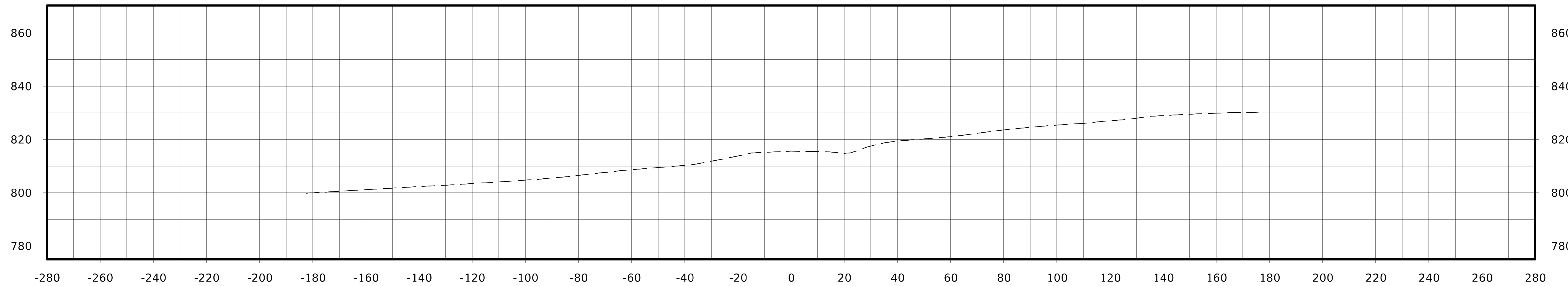
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER K.5



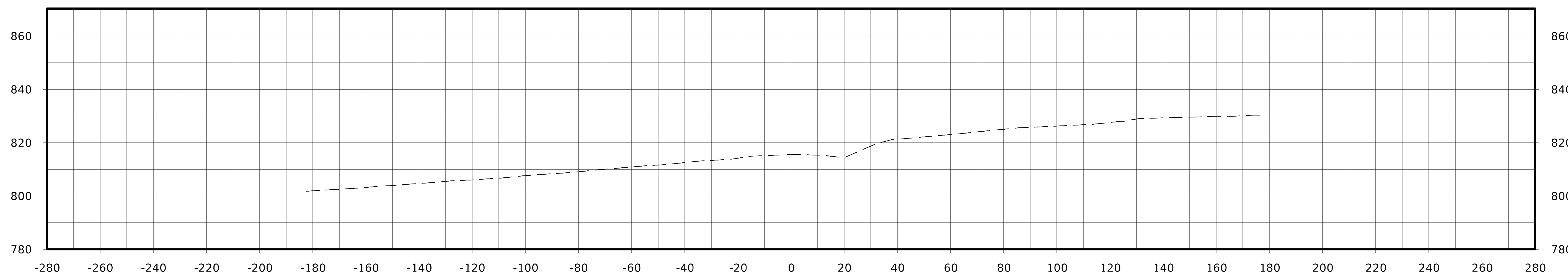


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER K.6

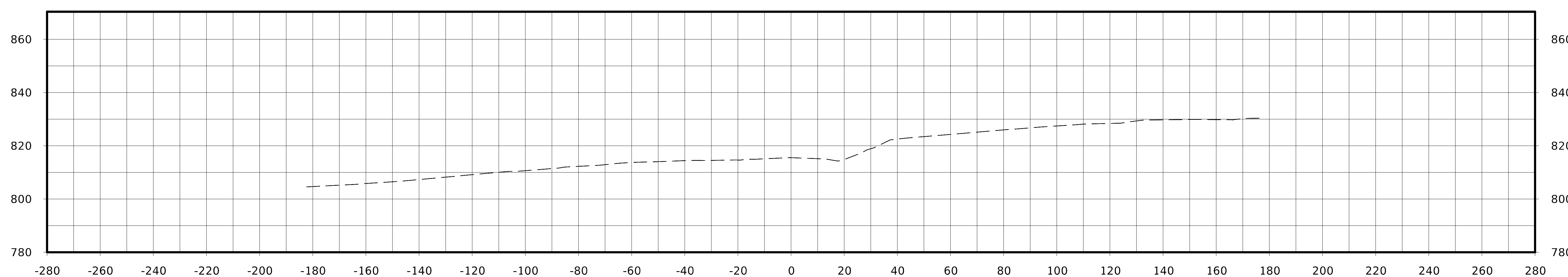
US 63



STA. 111+50.00



STA. 111+25.00



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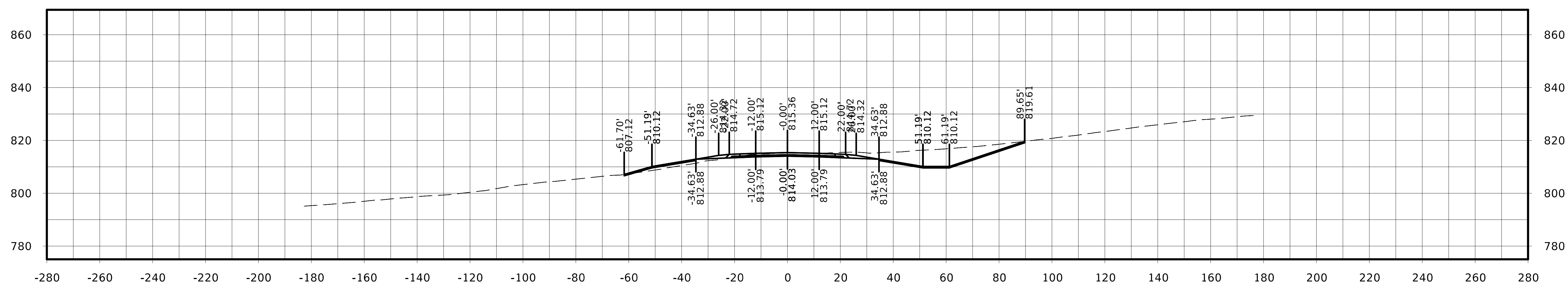
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.1

US 63



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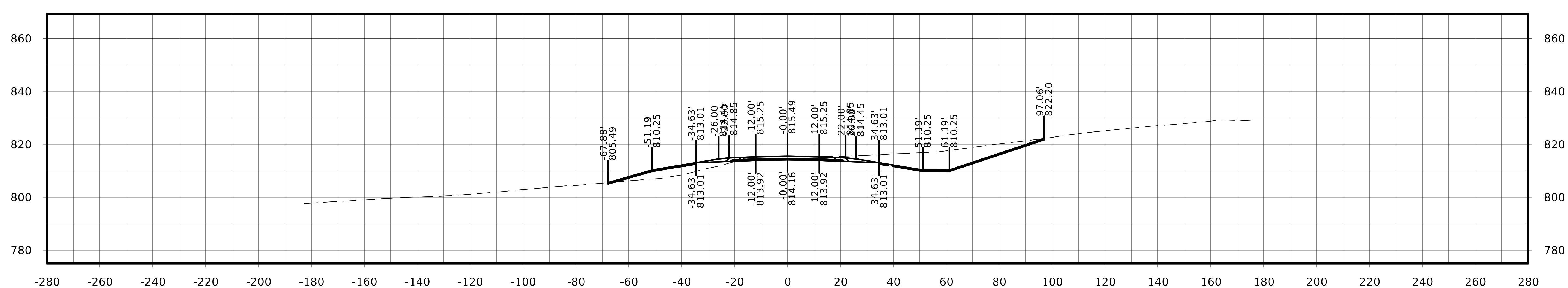
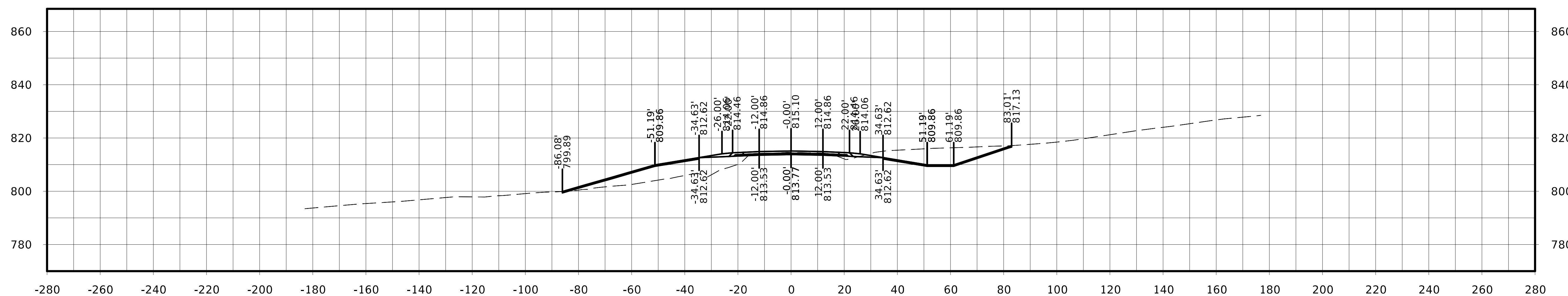


STA. 111+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.2

US 63



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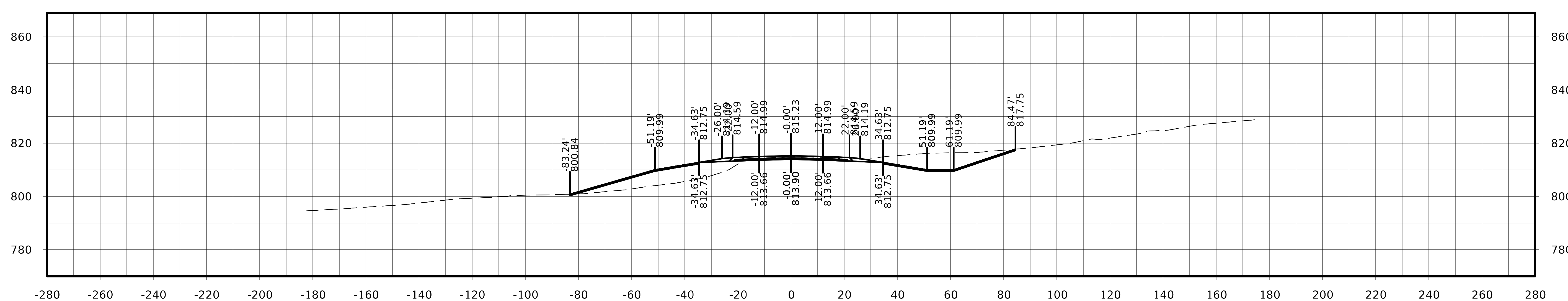

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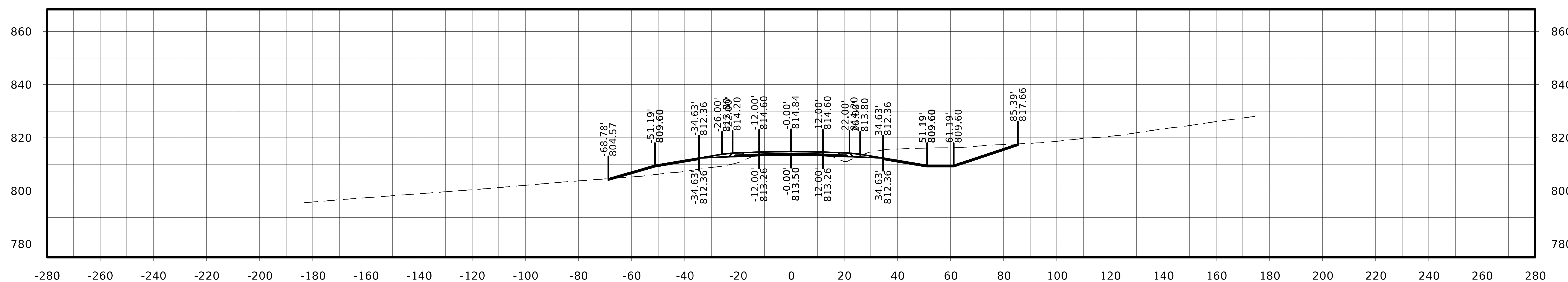
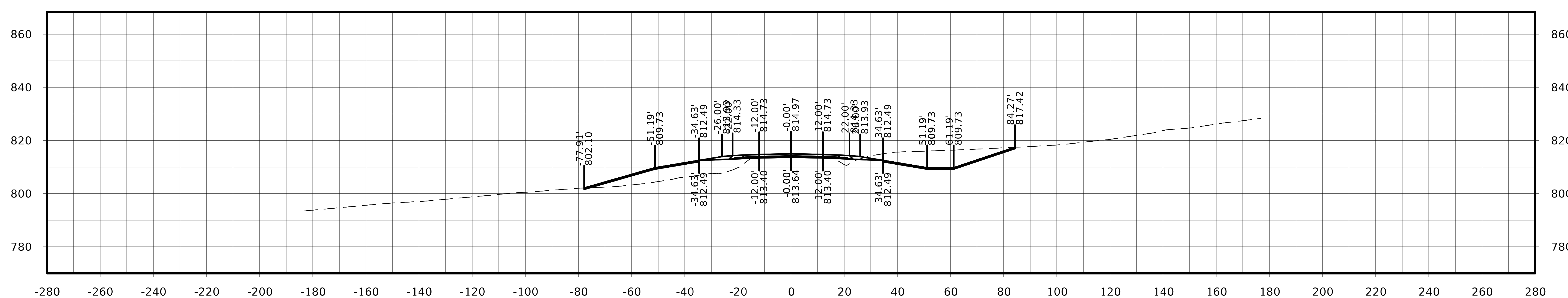
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.3



STA. 113+00.00



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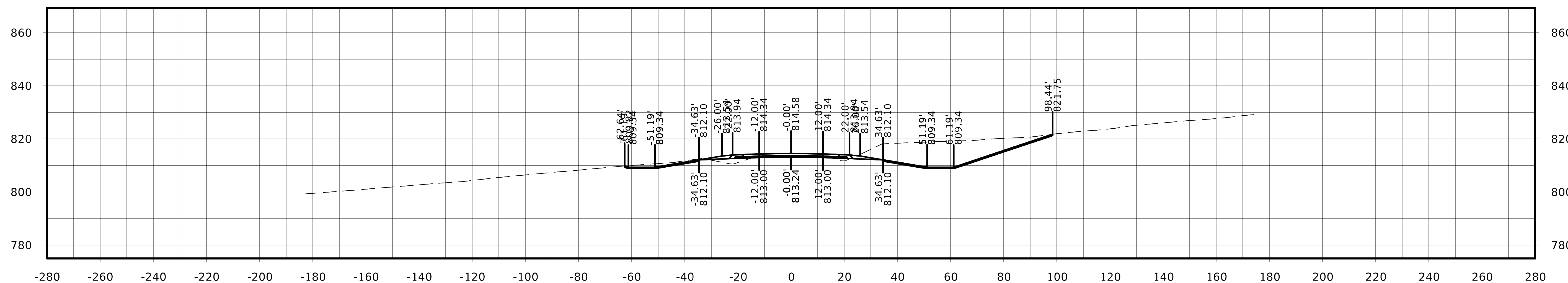

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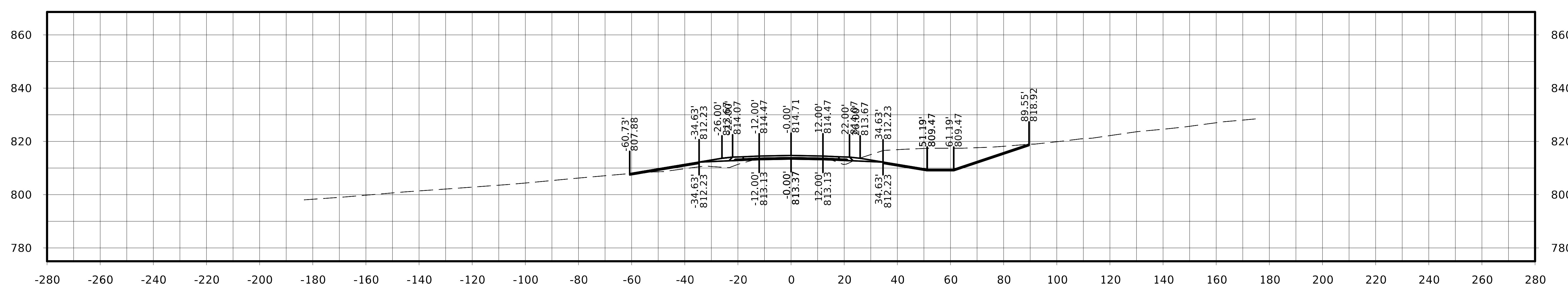
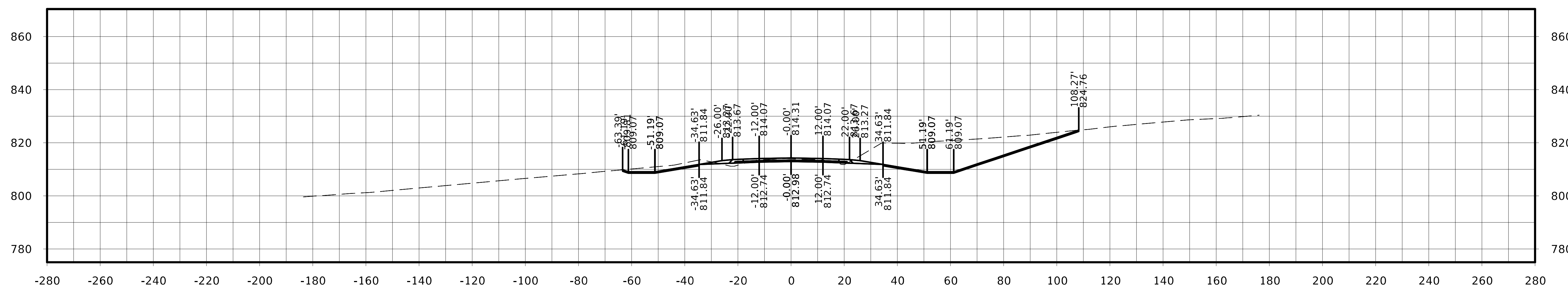


STA. 113+25.00



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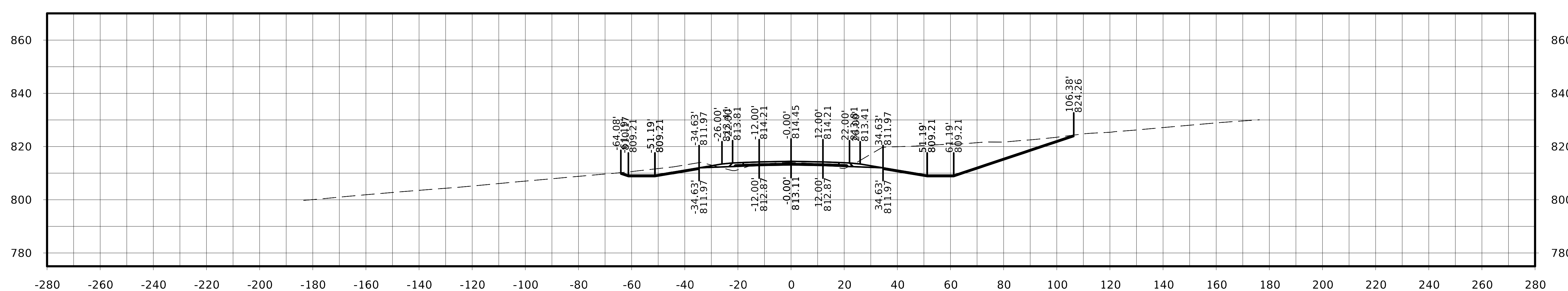
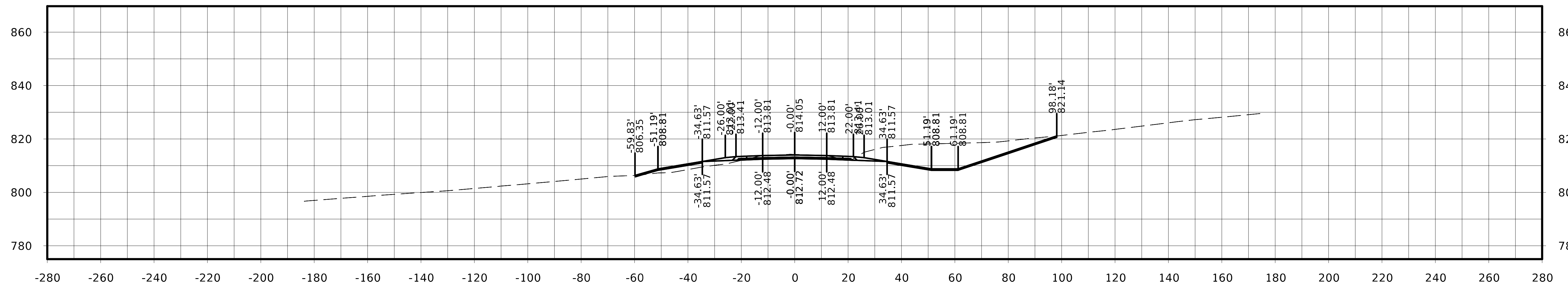


STA. 113+75.00

US 63



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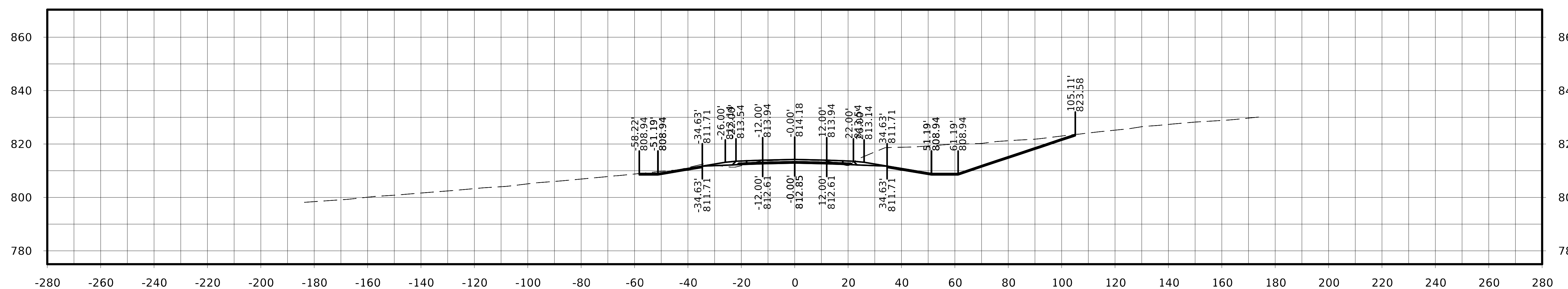

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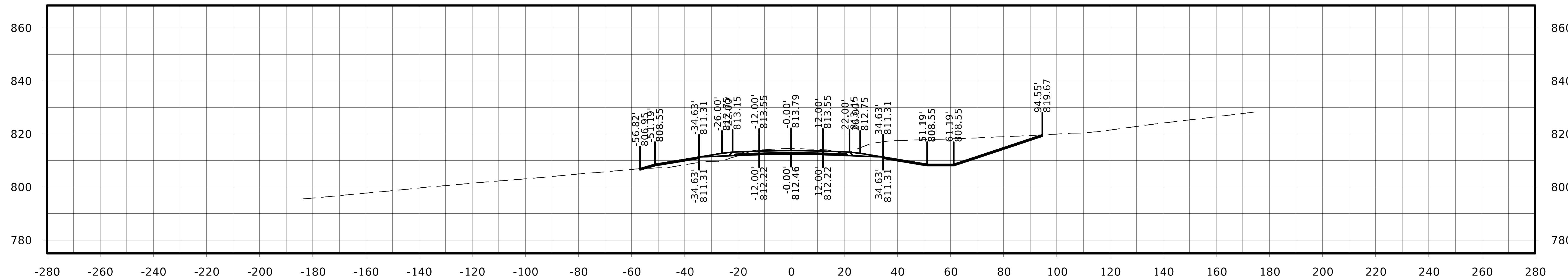

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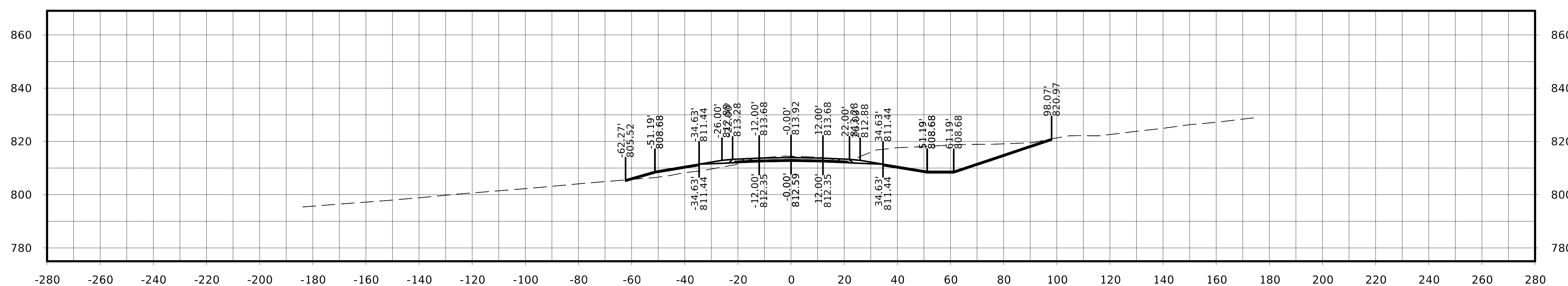

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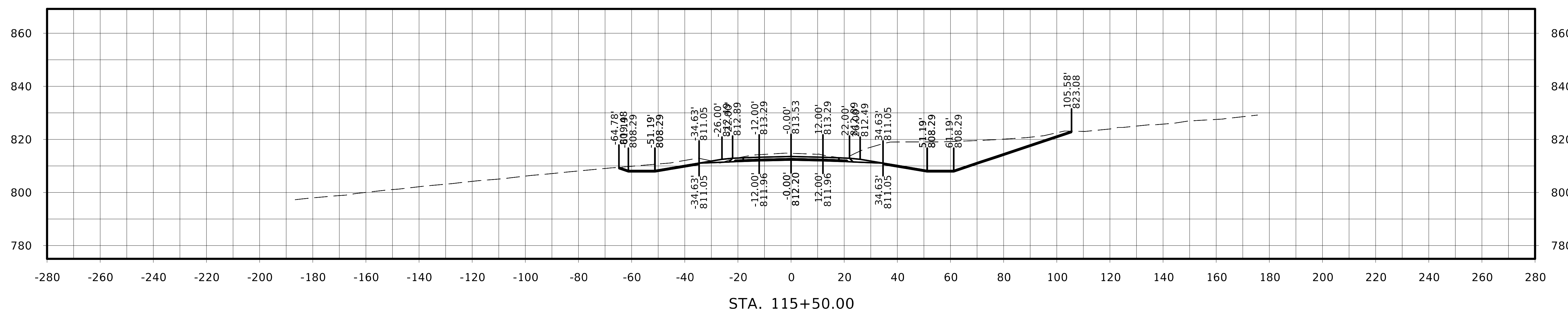
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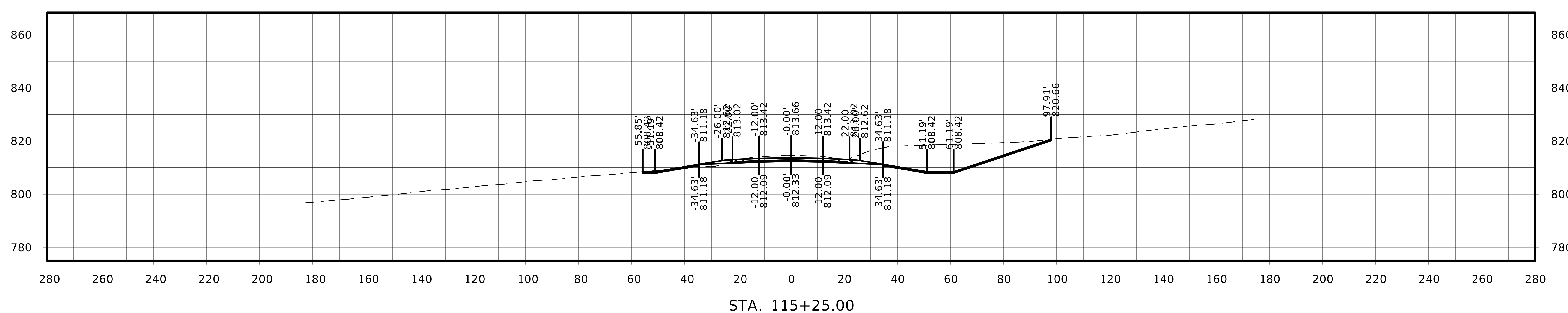
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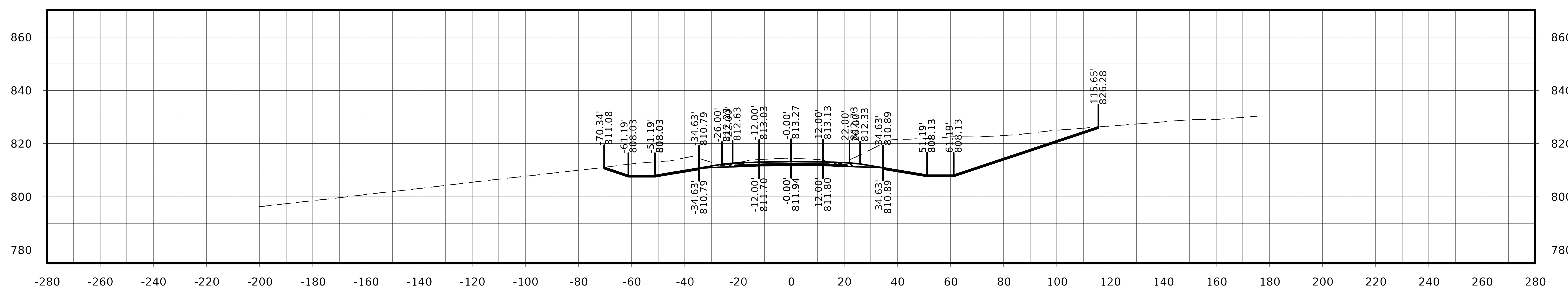
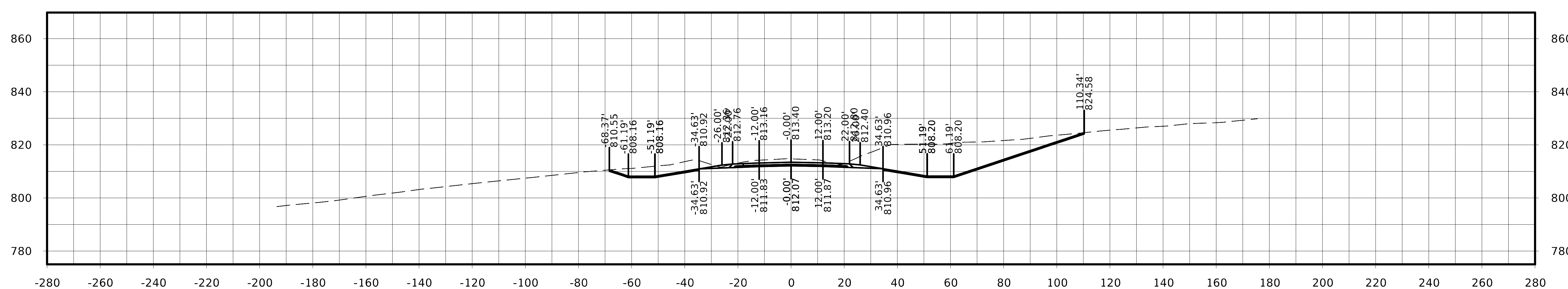
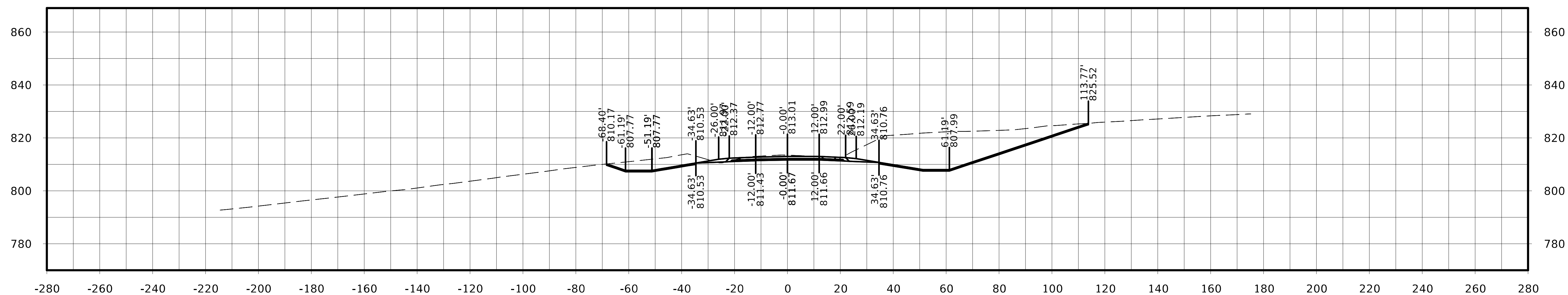
US 63



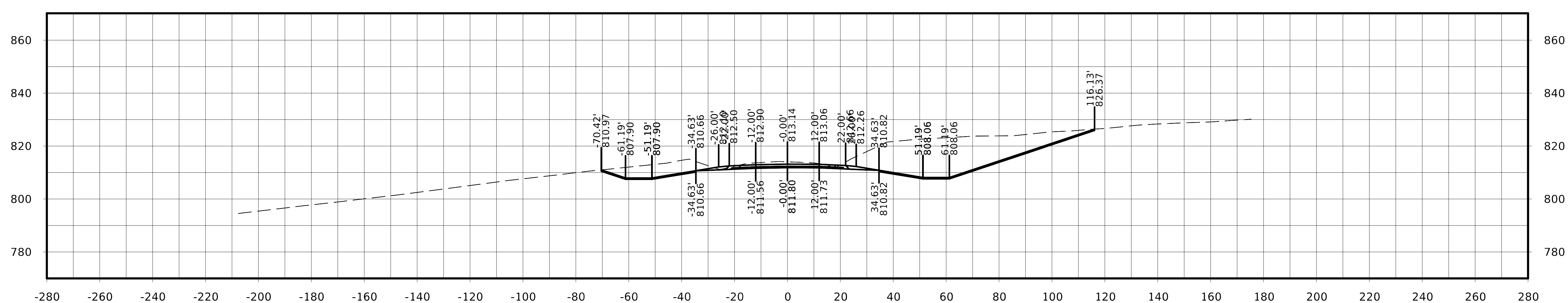


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.10

US 63



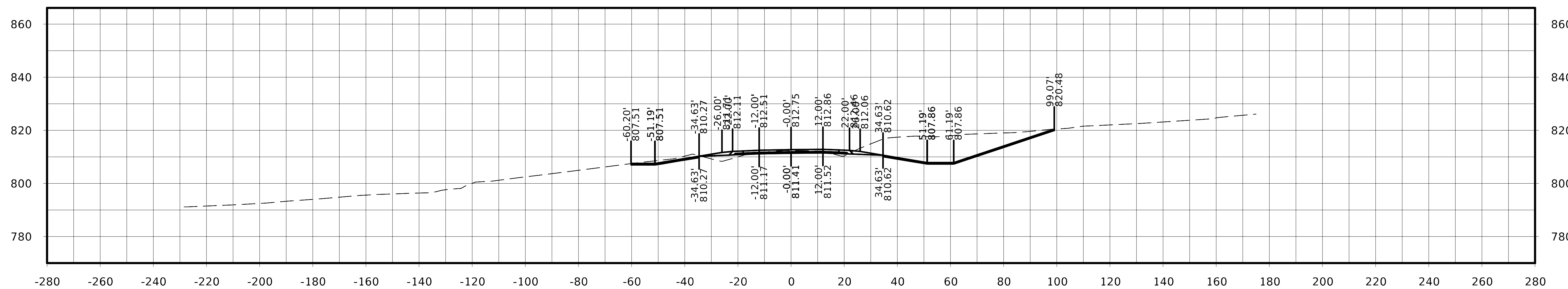
STA. 116+50.00



STA. 116+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.11

US 63



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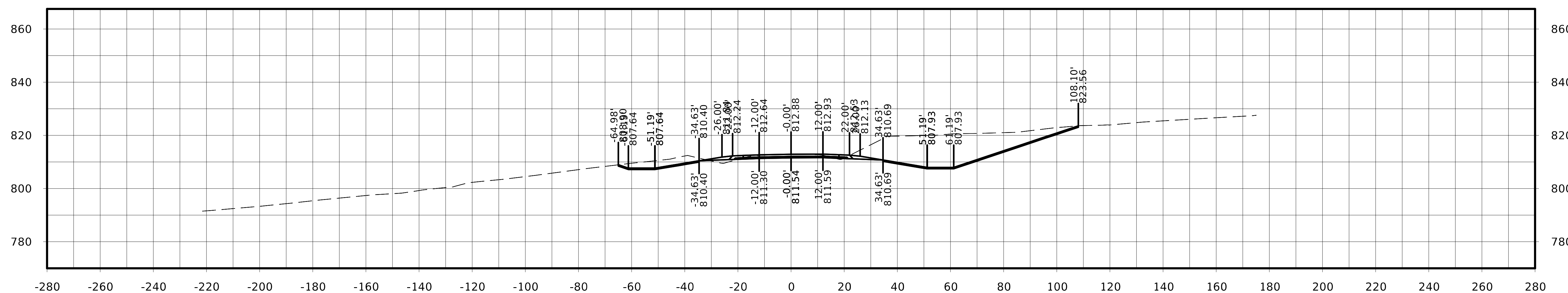
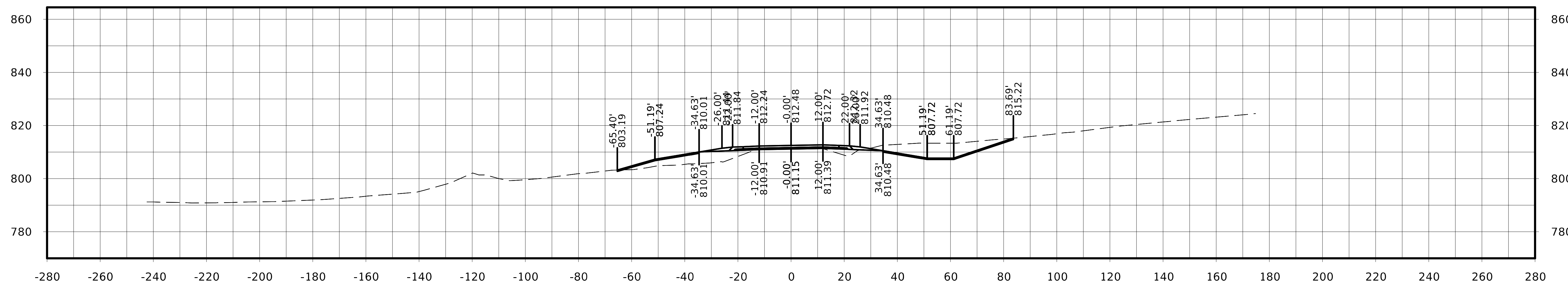


STA. 116+75.00

US 63



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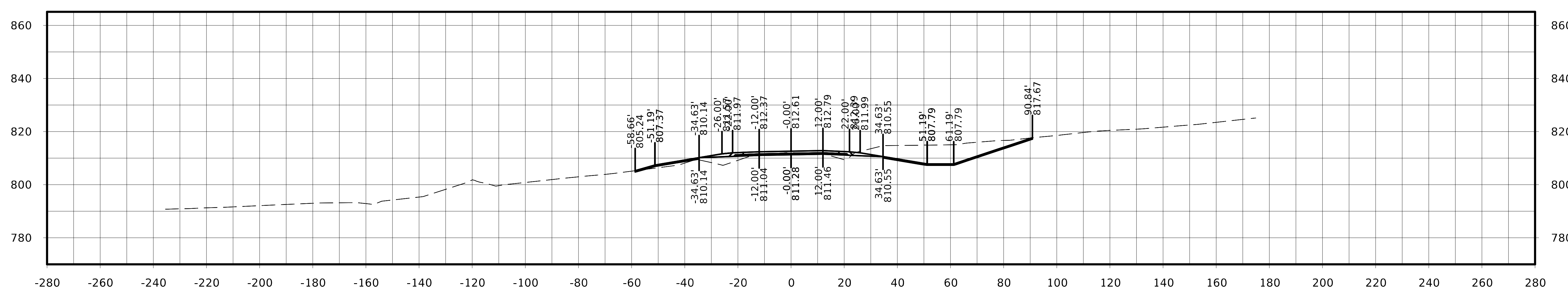

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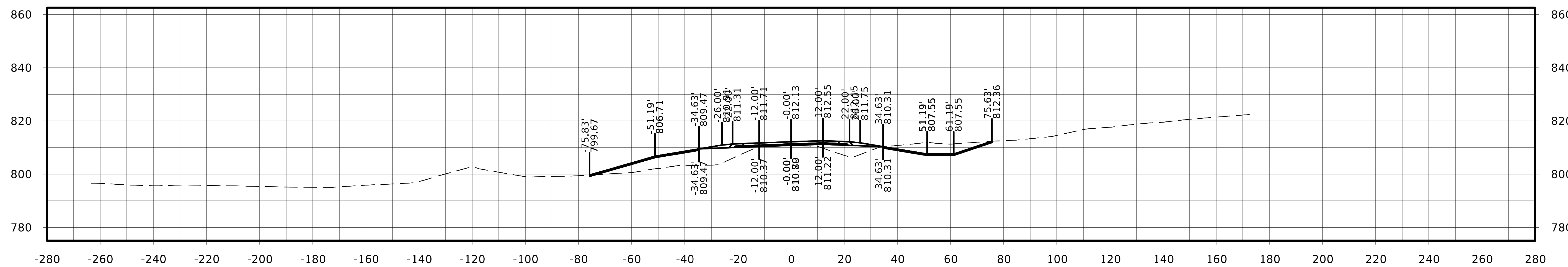
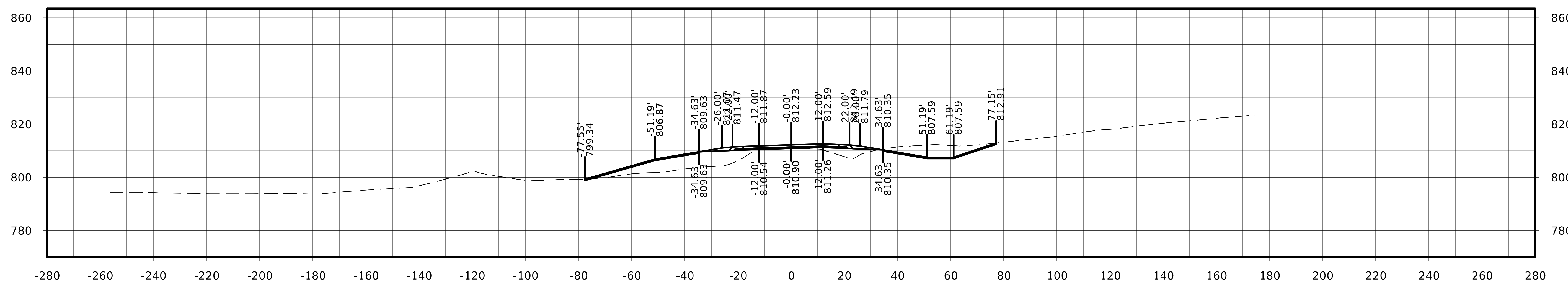
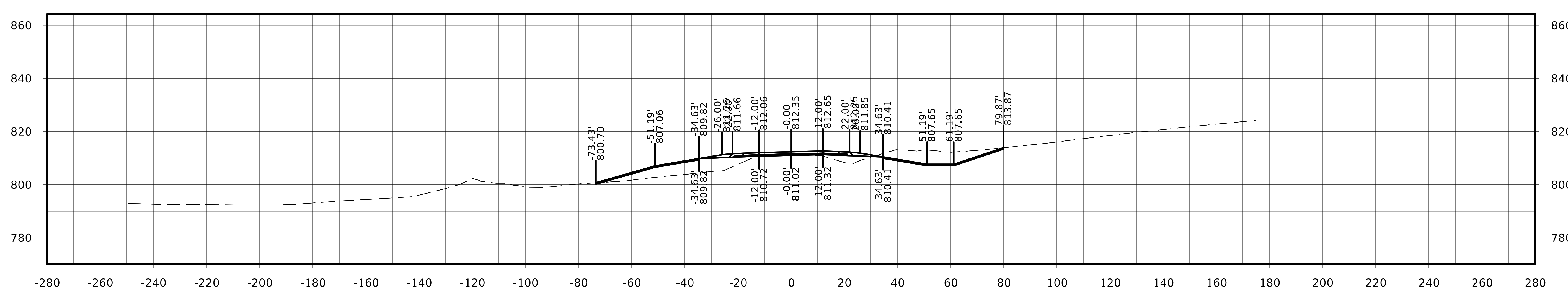
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.13



STA. 118+25.00



STA. 118+00.00



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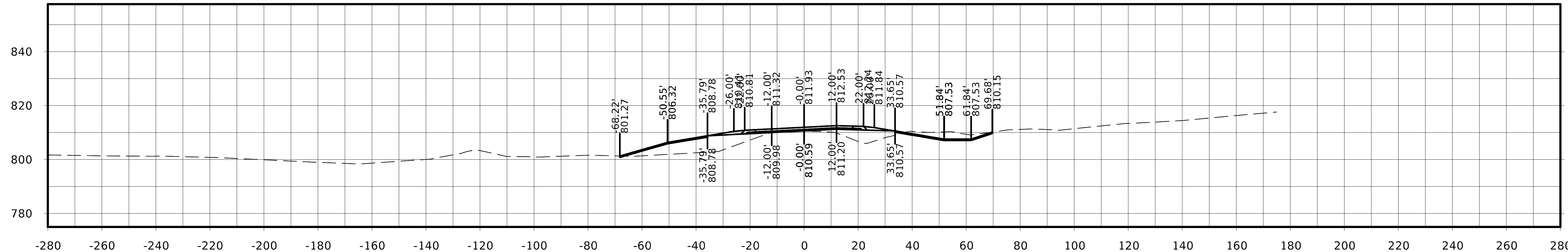
US 63



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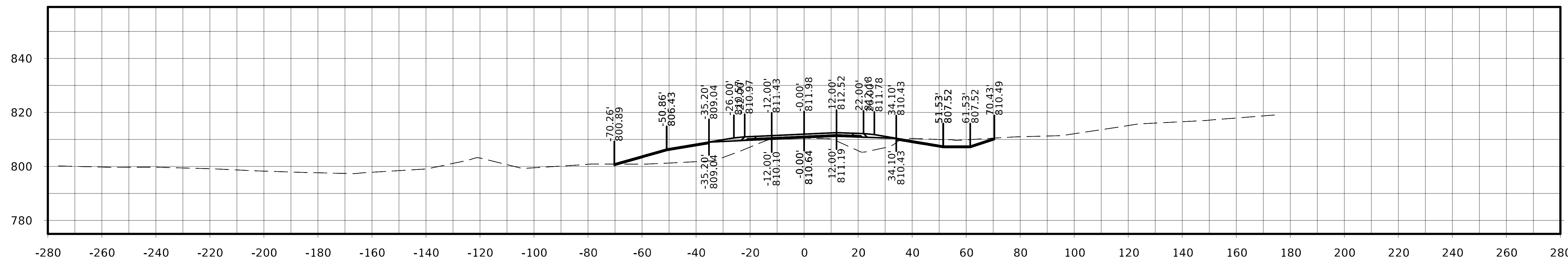

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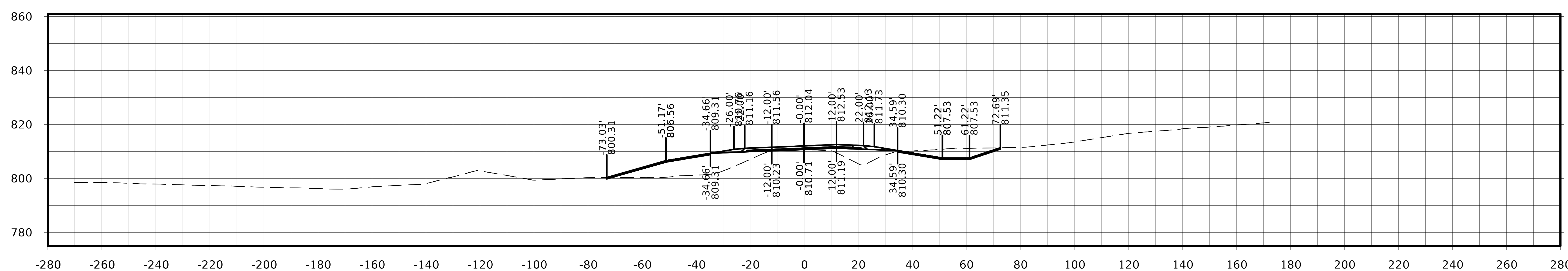

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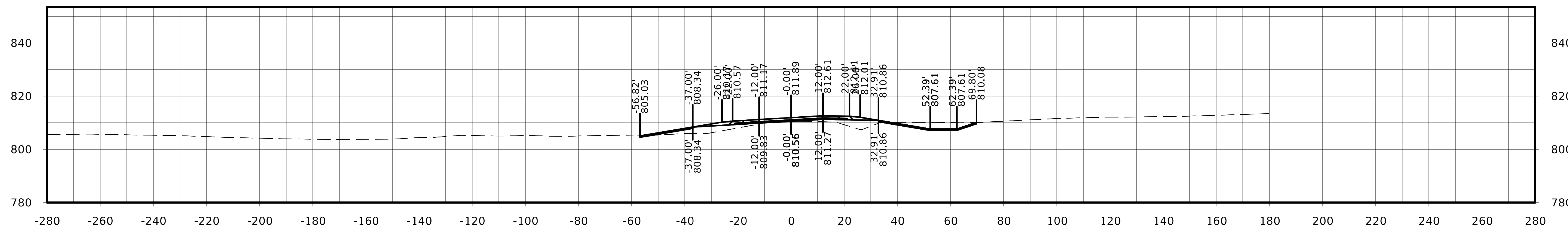
US 63



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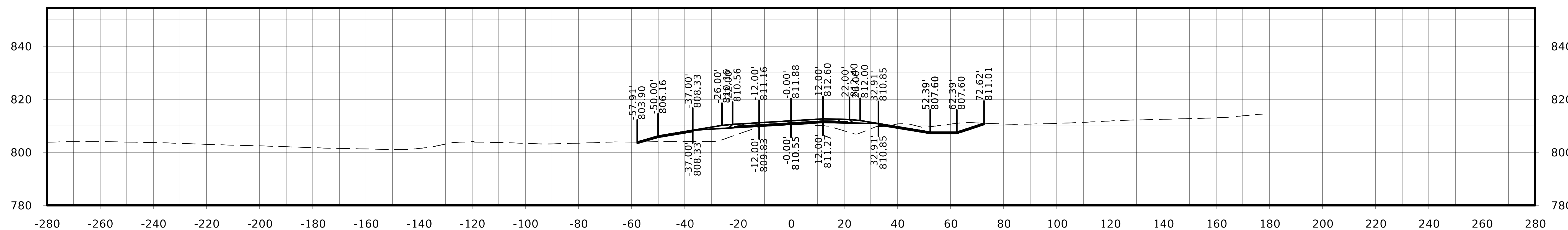

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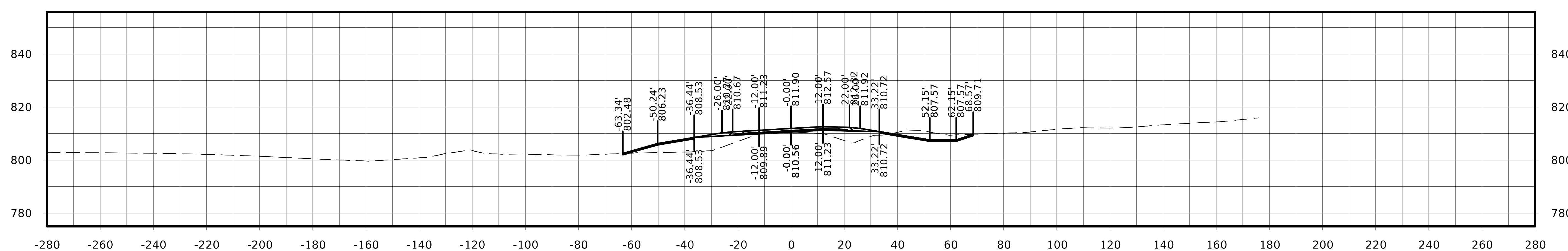
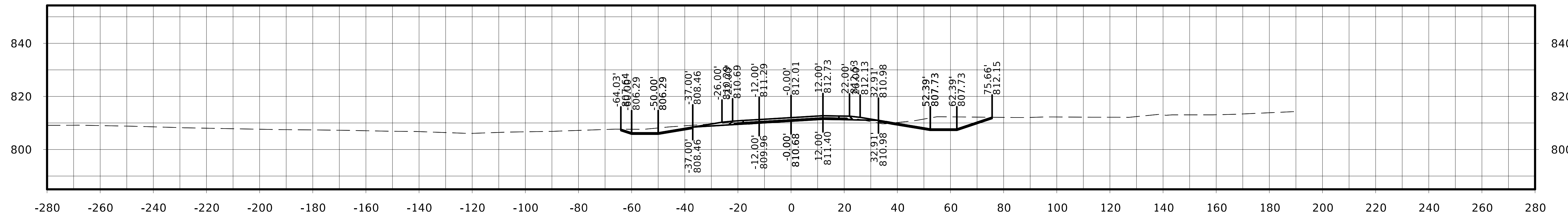


STA. 119+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.16

US 63



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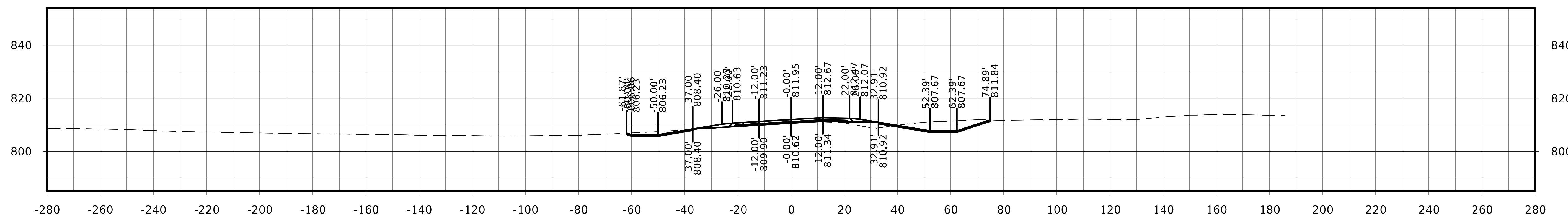

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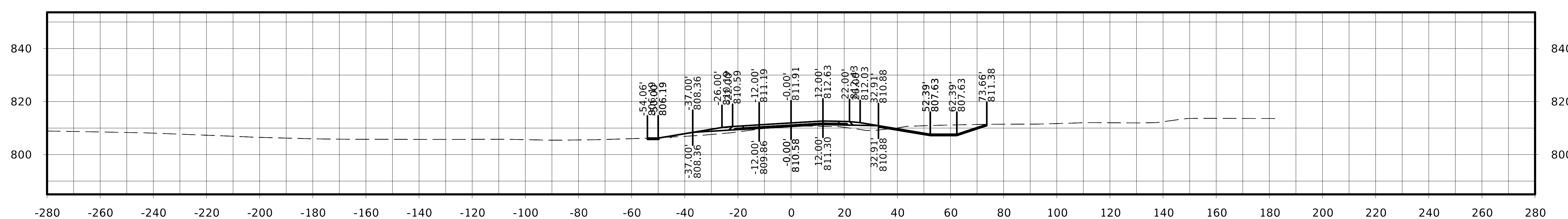

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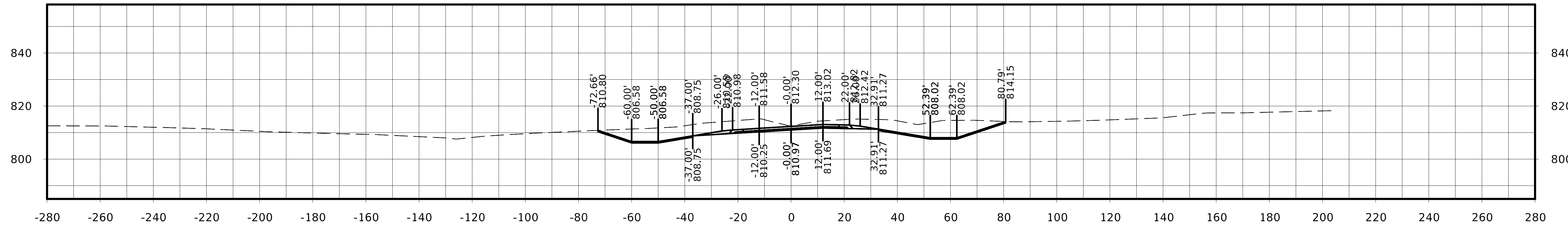
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.17

US 63



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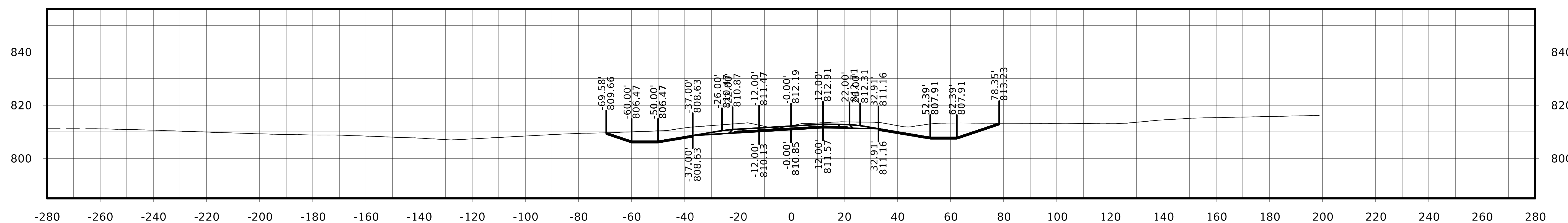

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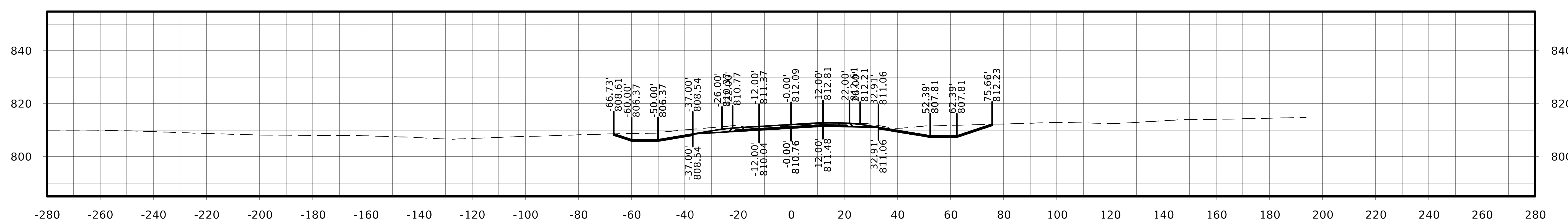

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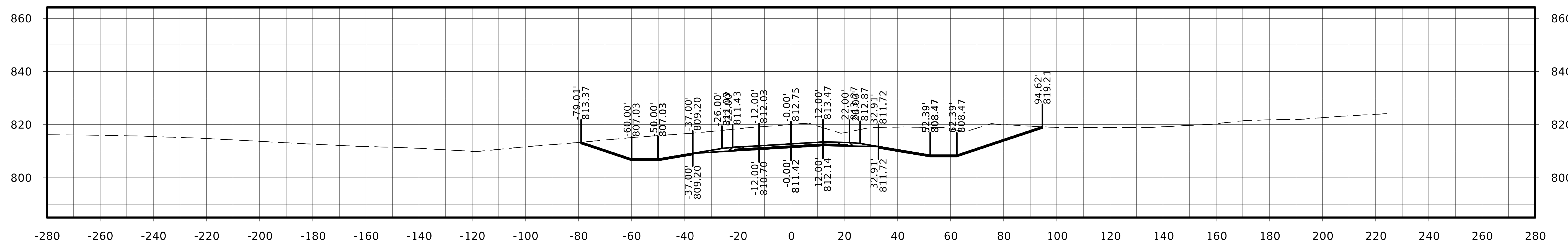
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.18

US 63



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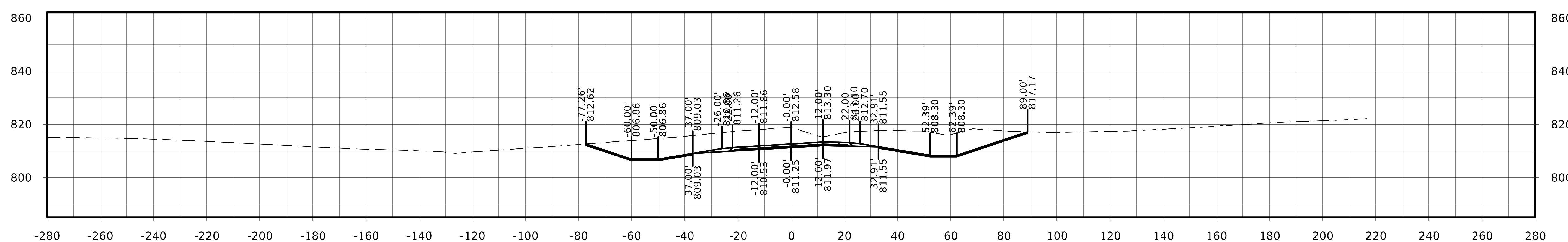

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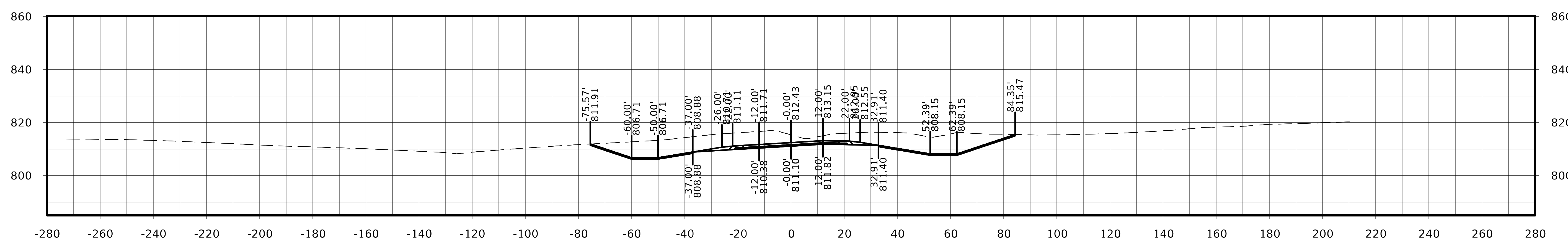
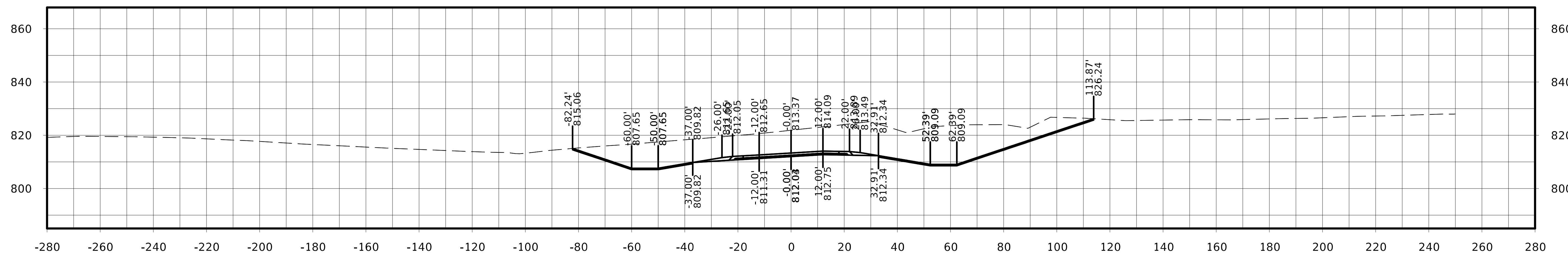


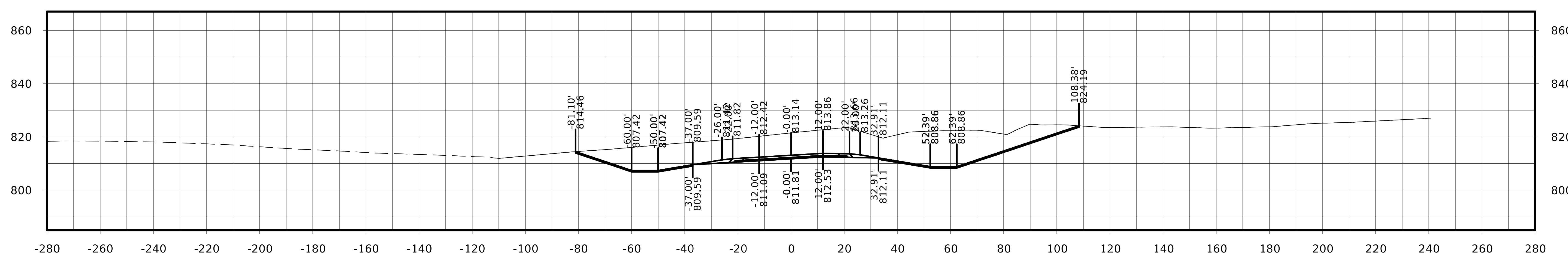
STA. 121+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.19

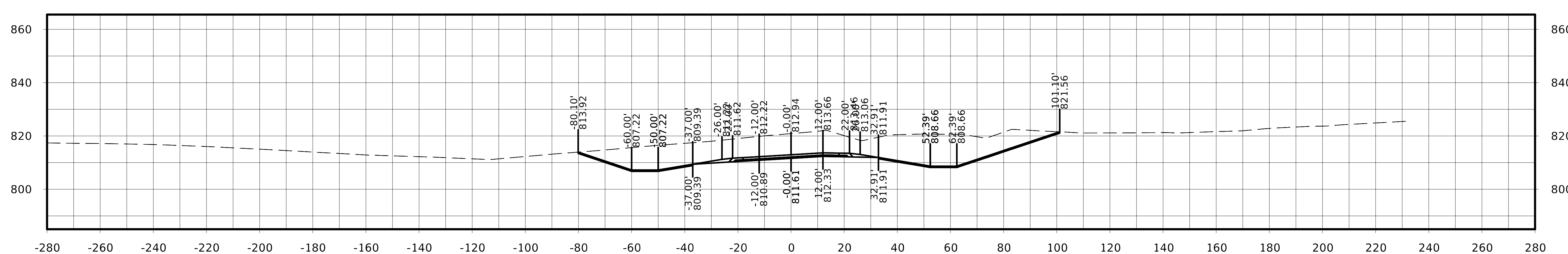
US 63



STA. 122+75.00



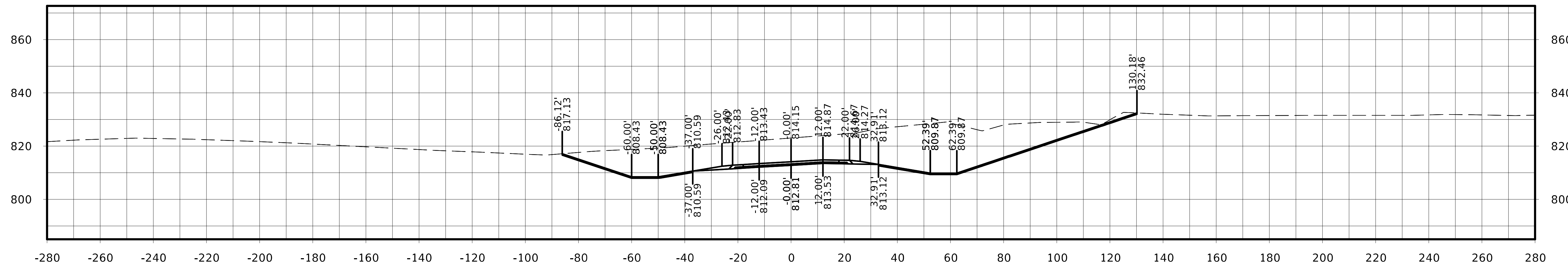
STA. 122+50.00



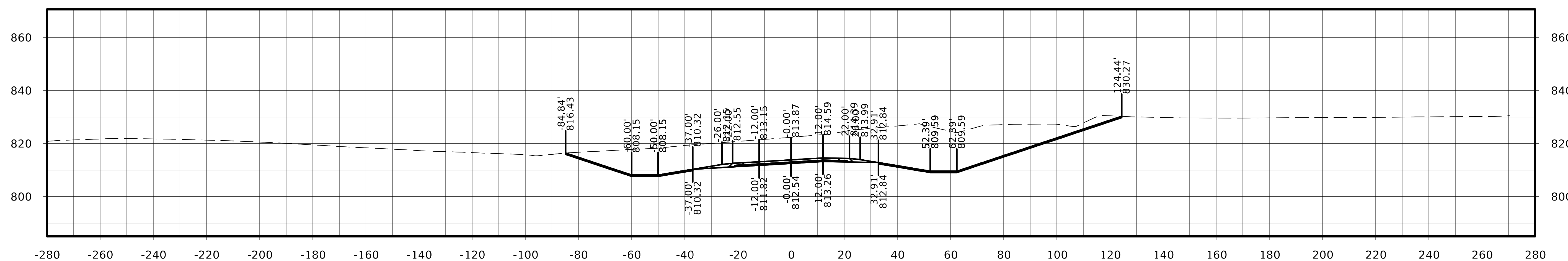
STA. 122+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.20

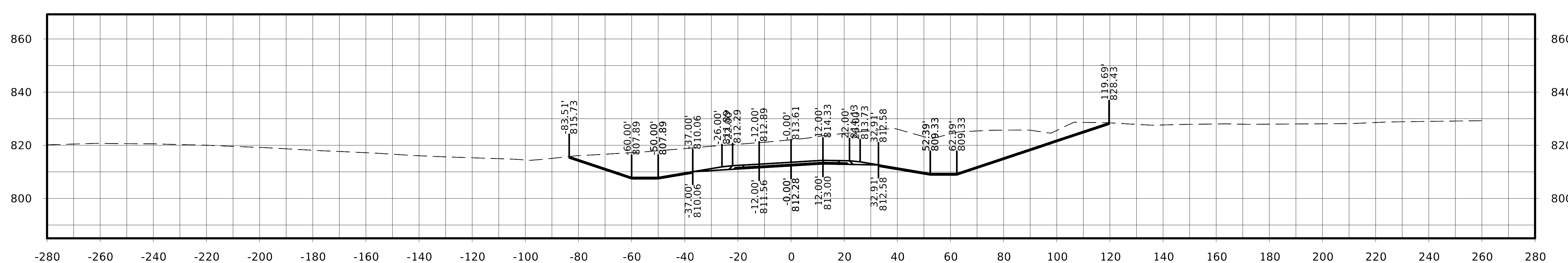
US 63



STA. 123+50.00



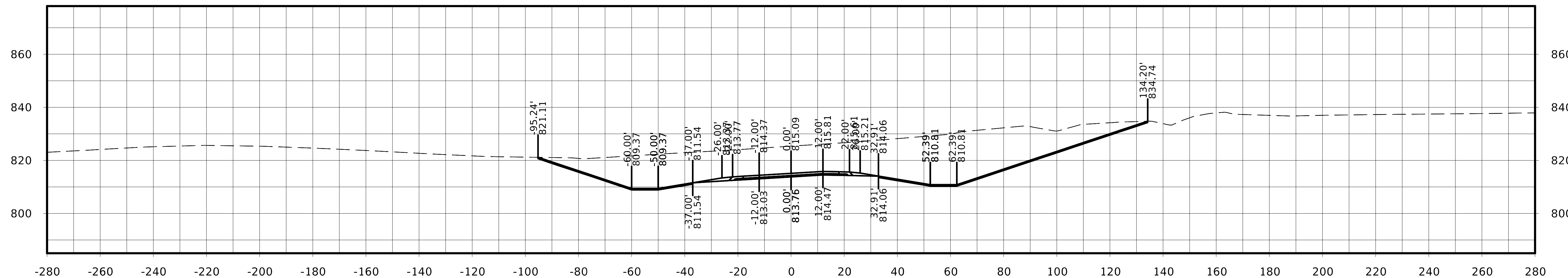
STA. 123+25.00



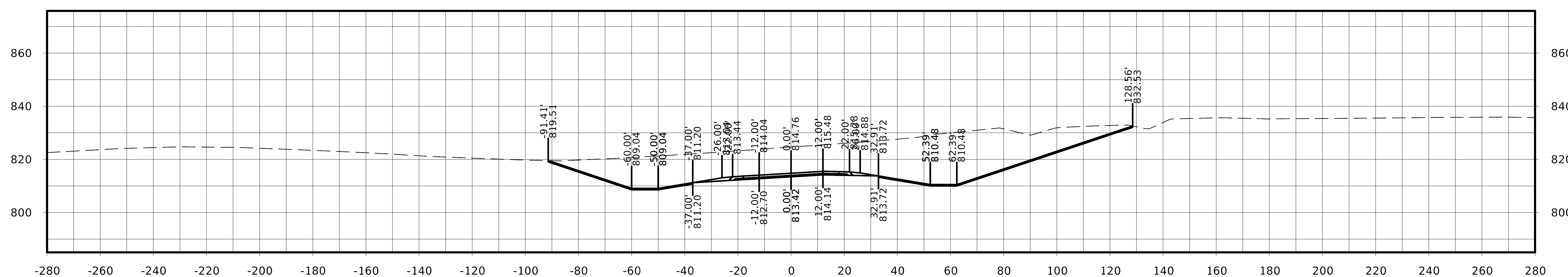
STA. 123+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.21

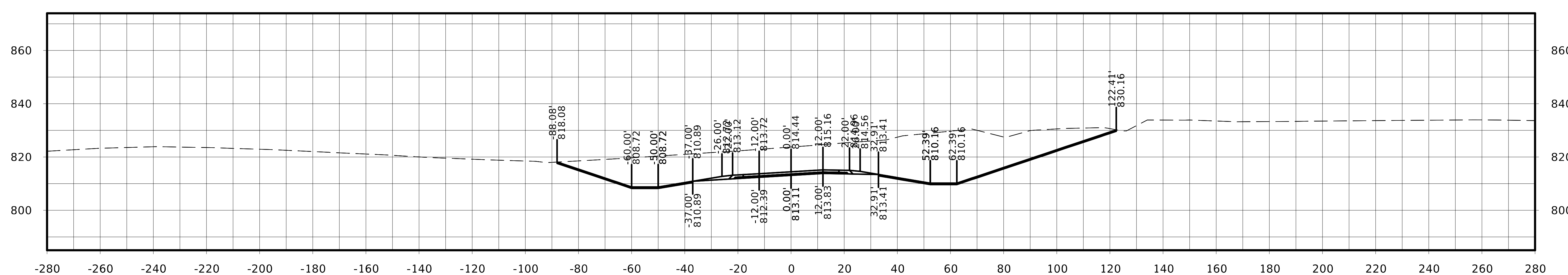
US 63



STA. 124+25.00



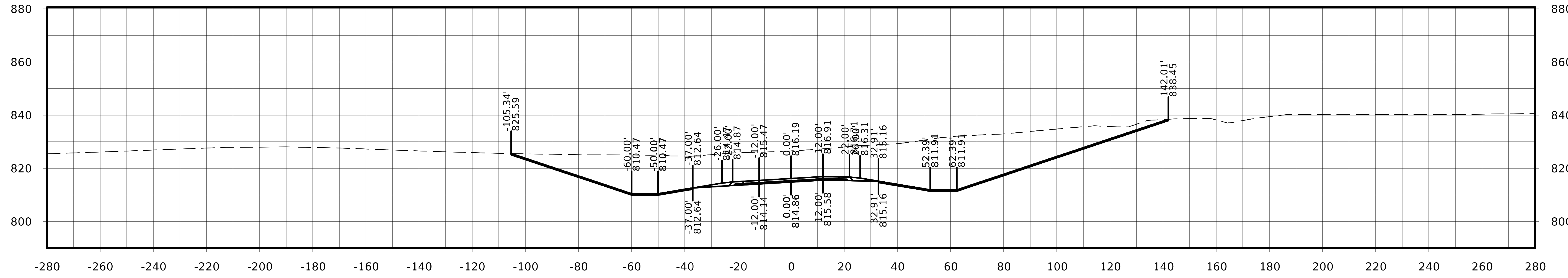
STA. 124+00.00



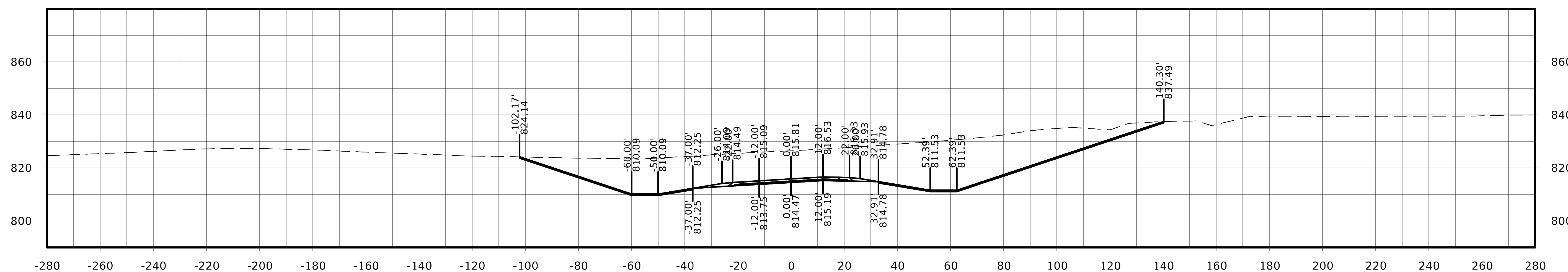
STA. 123+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.22

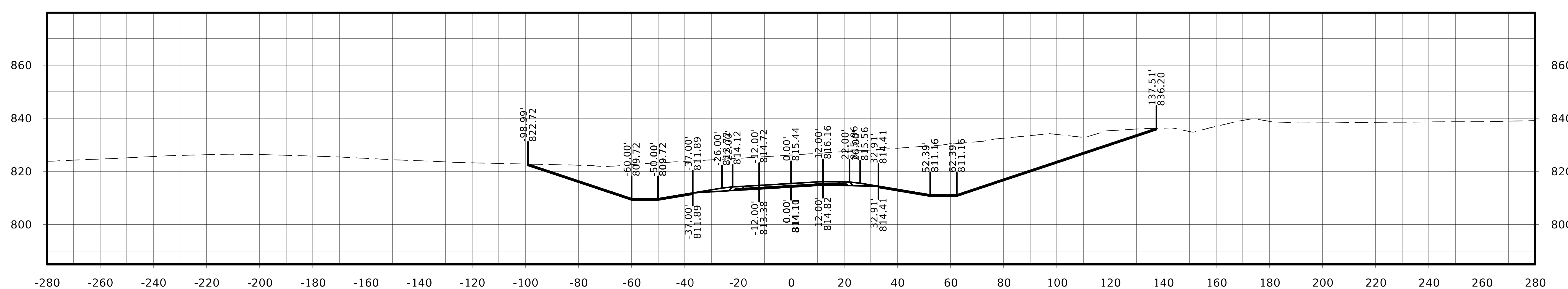
US 63



STA. 125+00.00



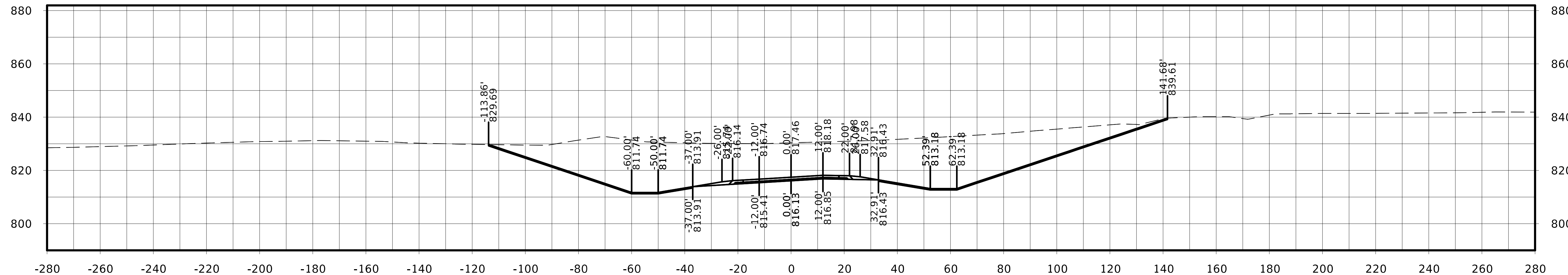
STA. 124+75.00



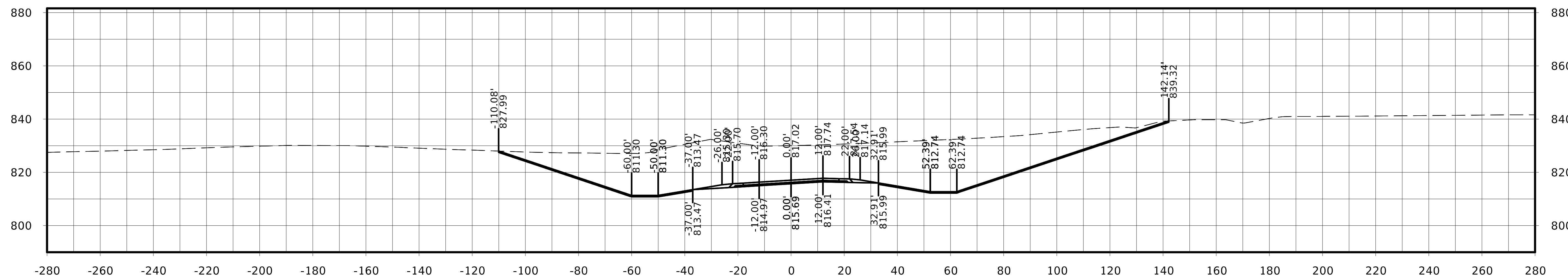
STA. 124+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.23

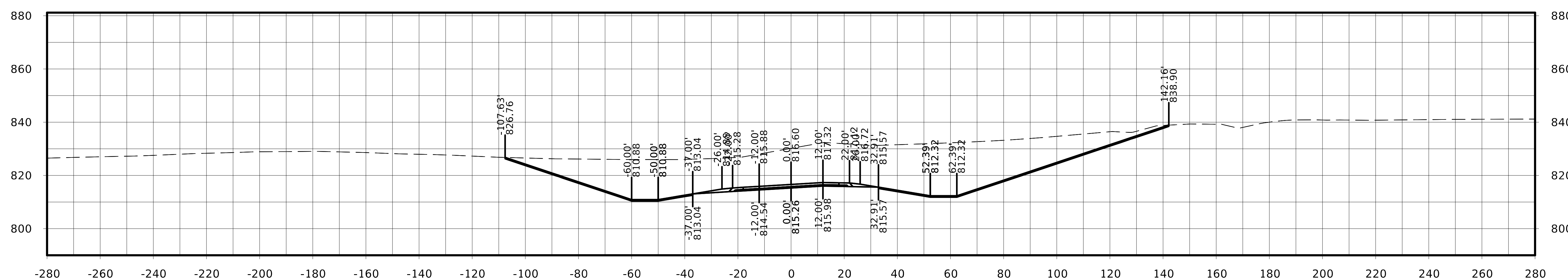
US 63



STA. 125+75.00

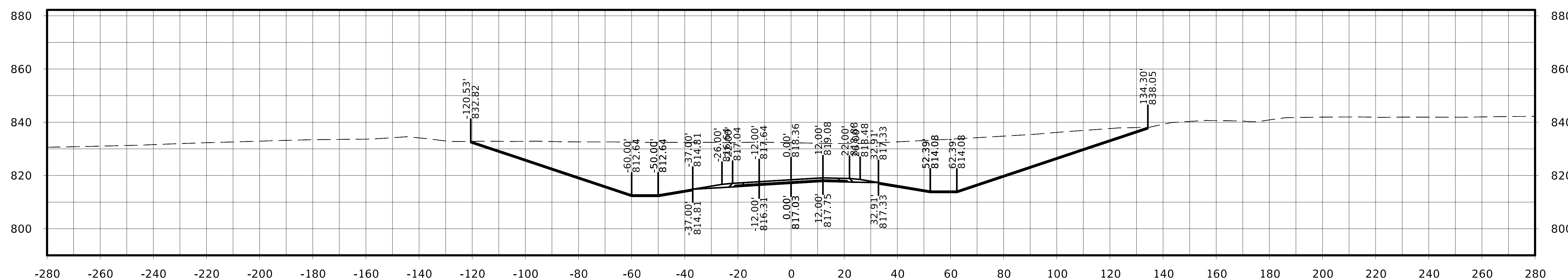


STA. 125+50.00

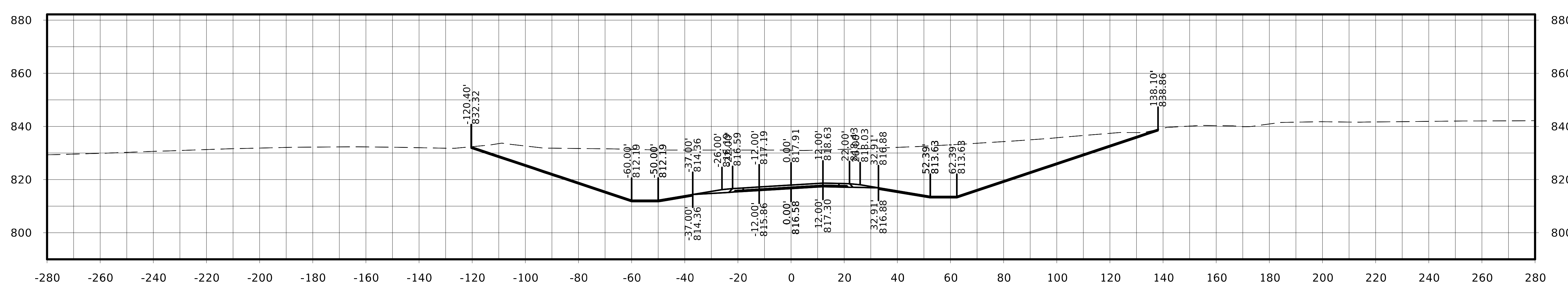


STA. 125+25.00

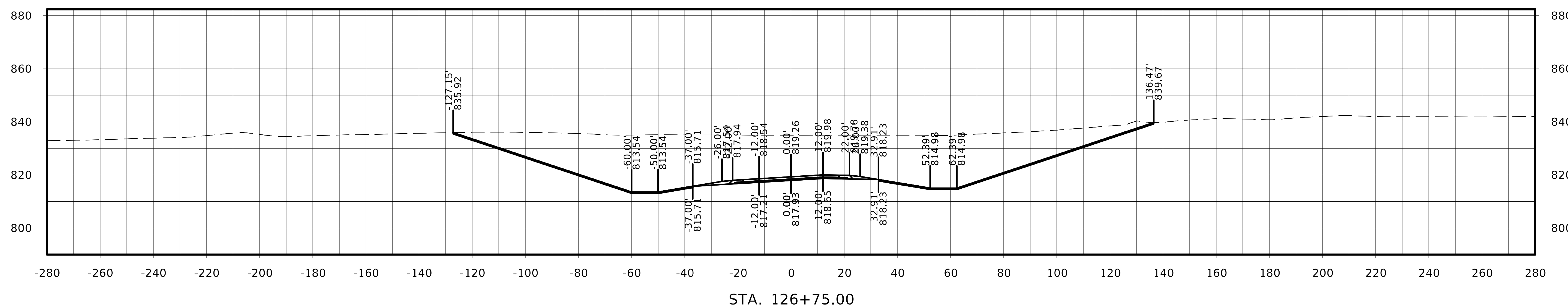
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.24



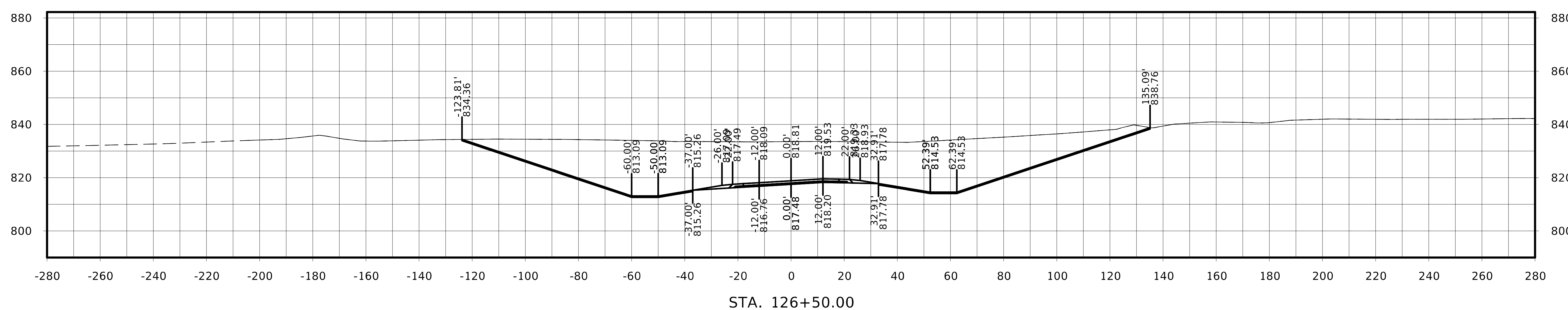
STA. 126+25.00



STA. 126+00.00



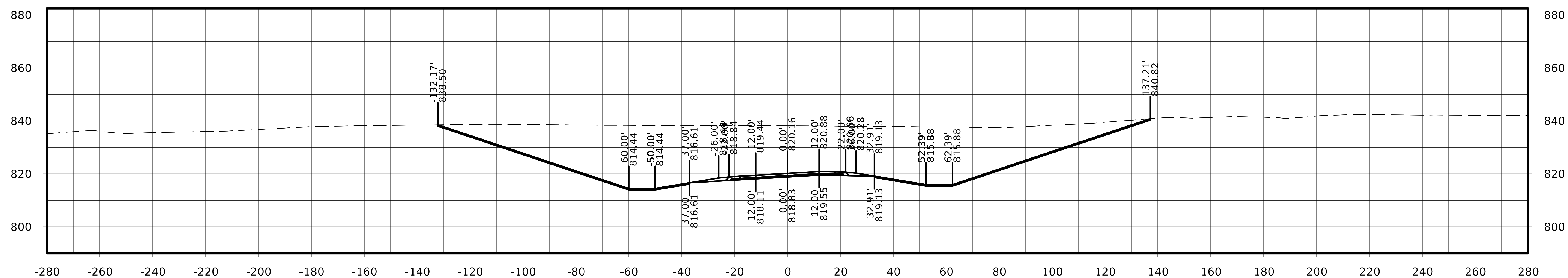
STA. 126+75.00



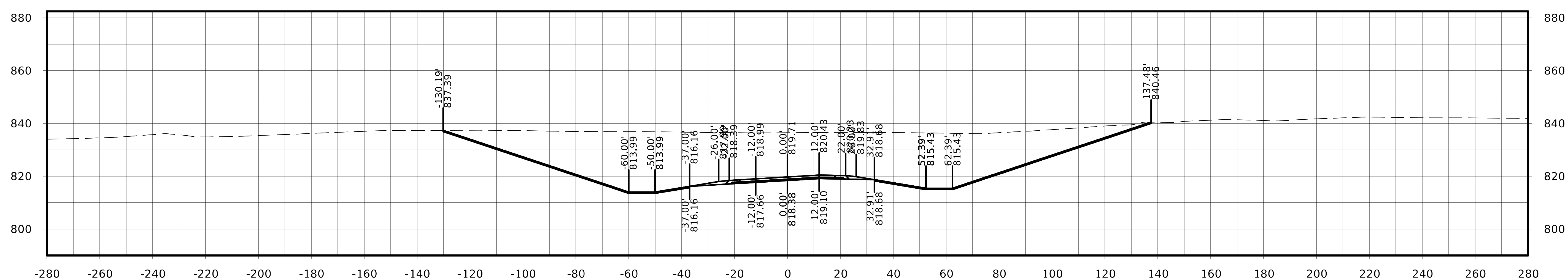
STA. 126+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.26

US 63



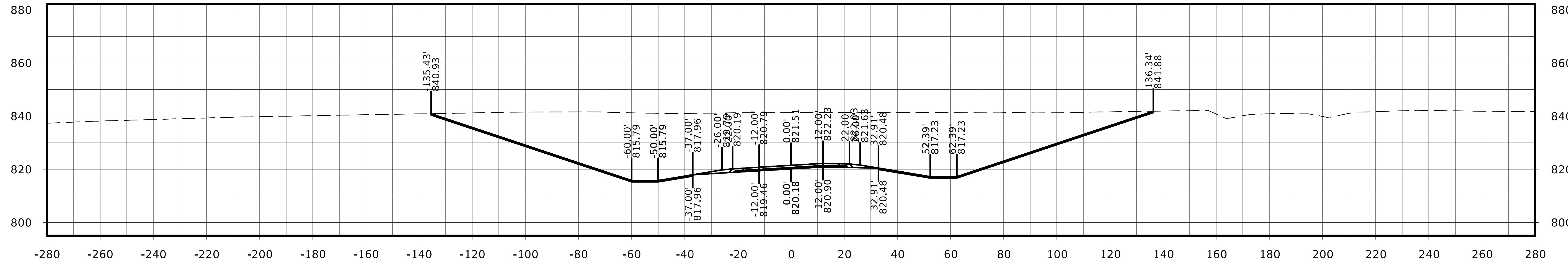
STA. 127+25.00



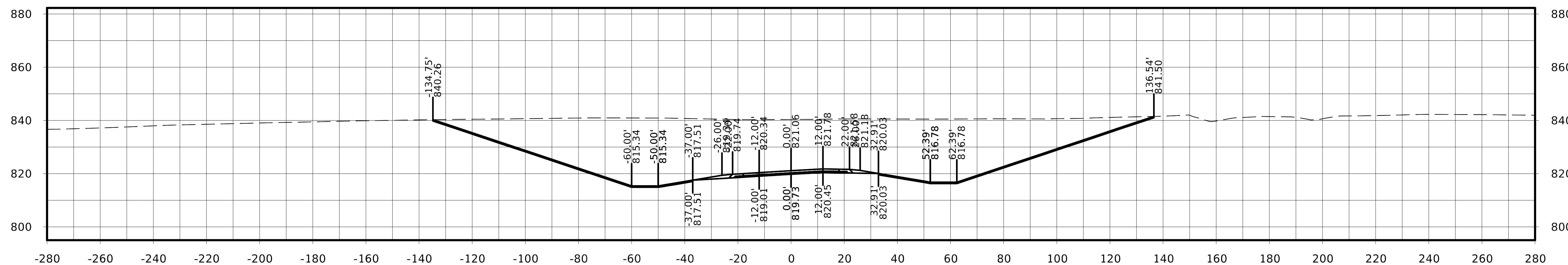
STA. 127+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.27

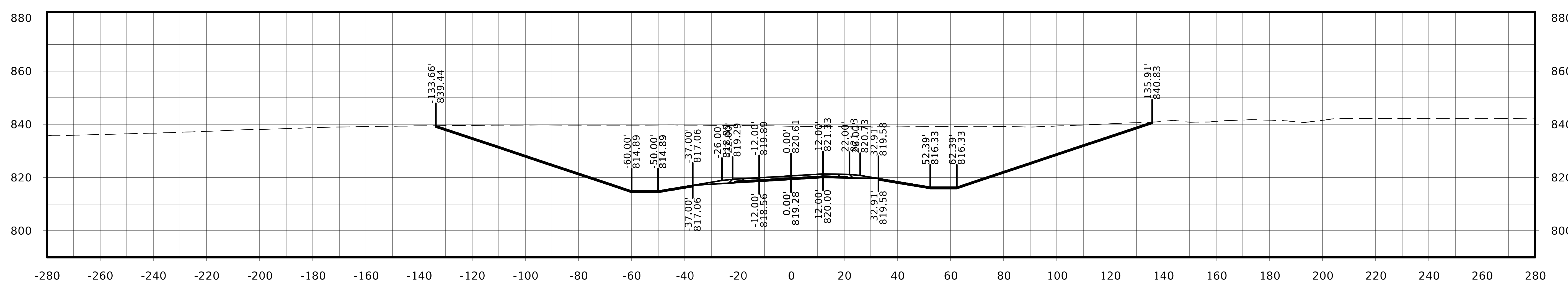
US 63



STA. 128+00.00



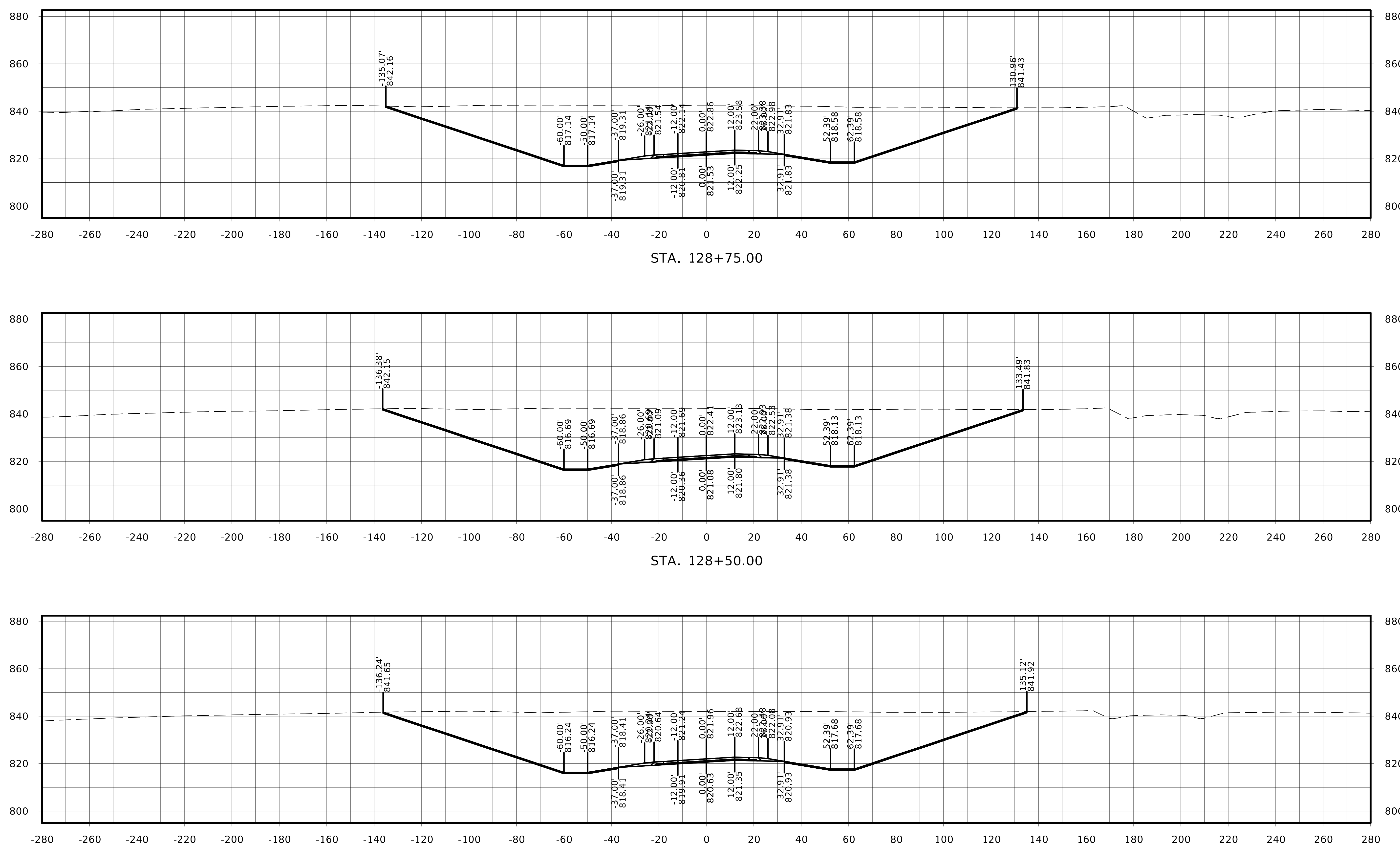
STA. 127+75.00



STA. 127+50.00

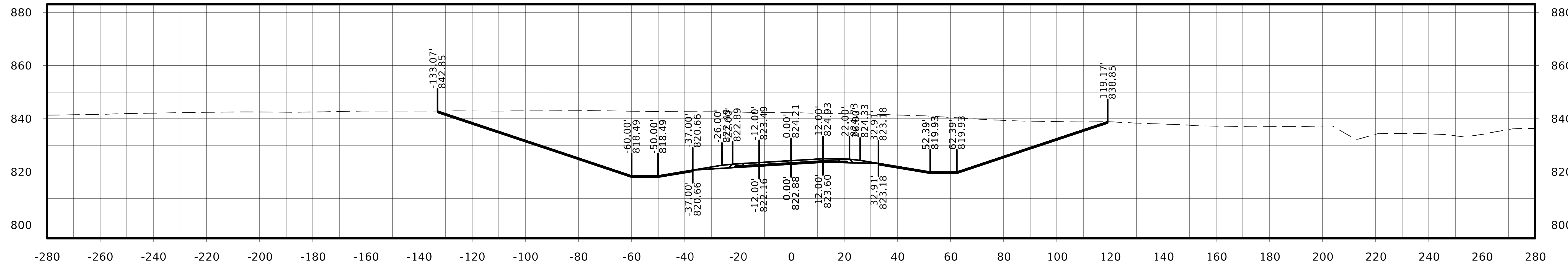
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.28

US 63

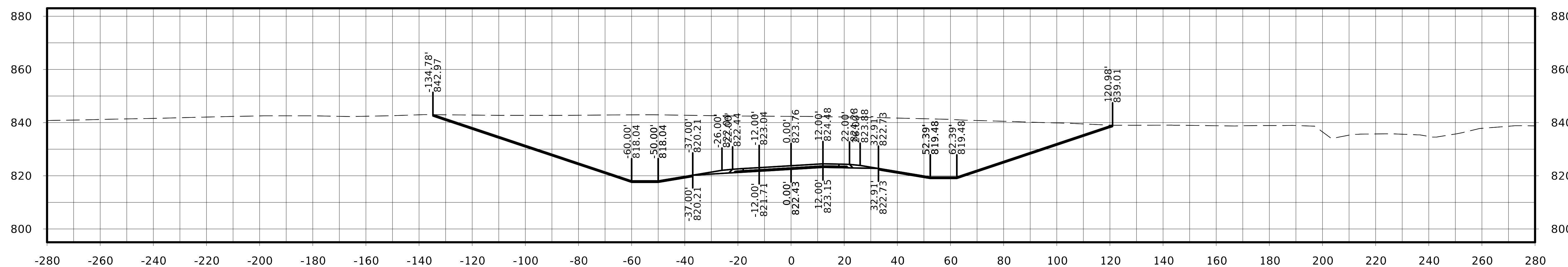


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.29

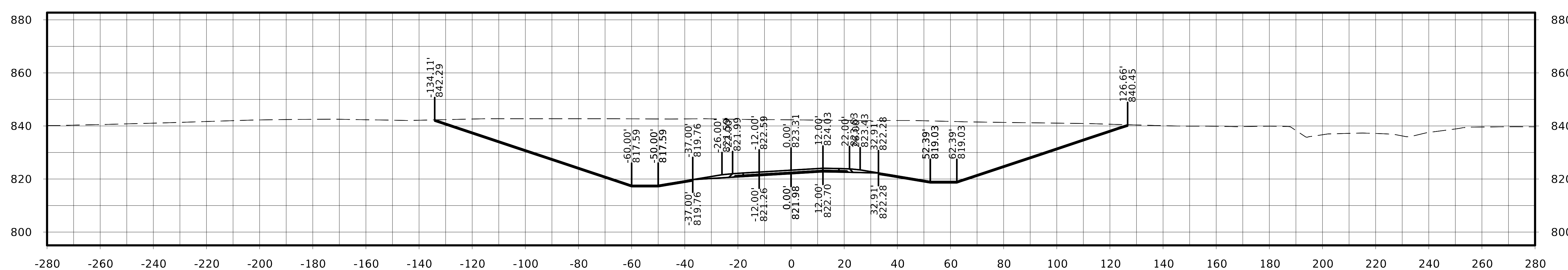
US 63



STA. 129+50.00



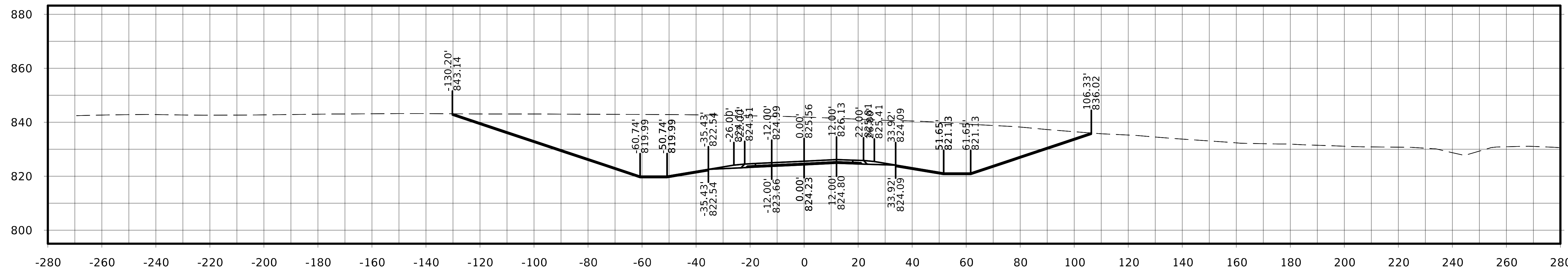
STA. 129+25.00



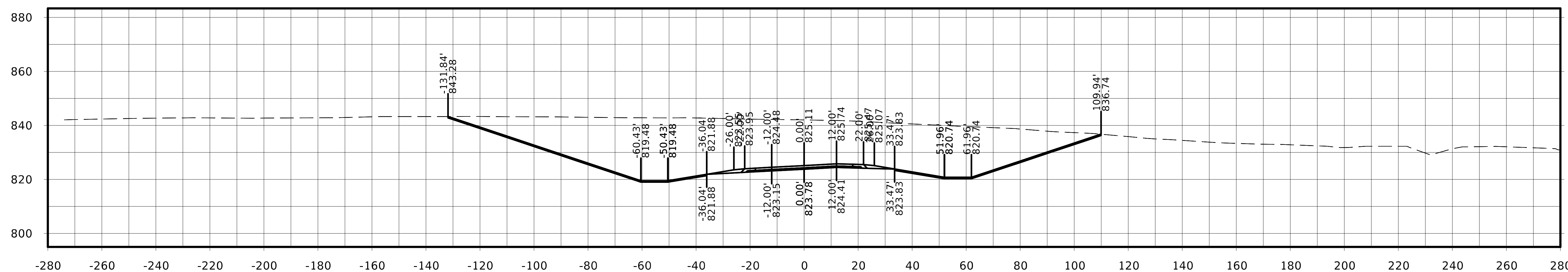
STA. 129+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.30

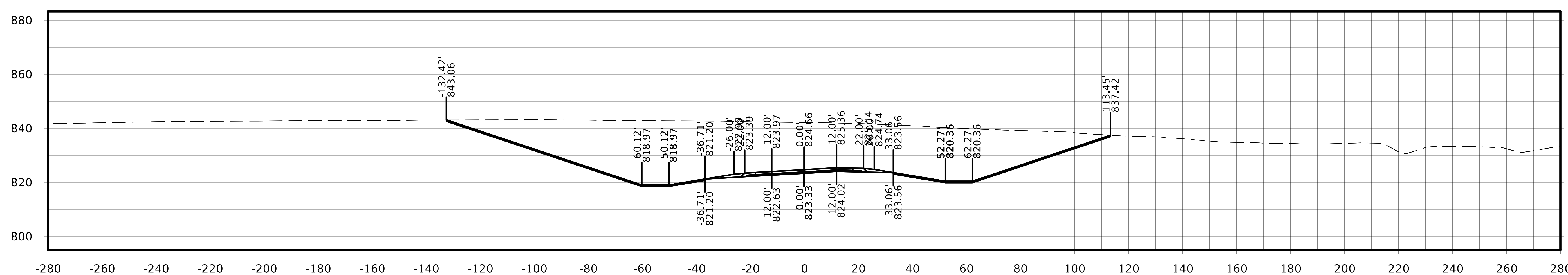
US 63



STA. 130+25.00

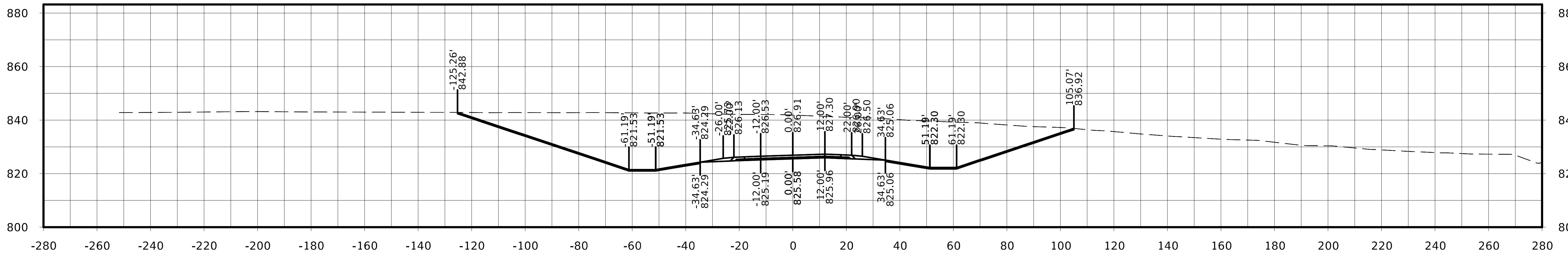


STA. 130+00.00

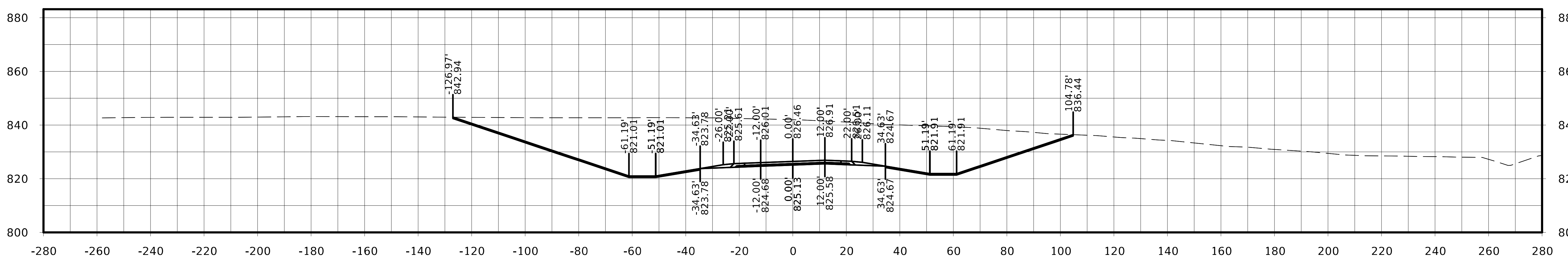


STA. 129+75.00

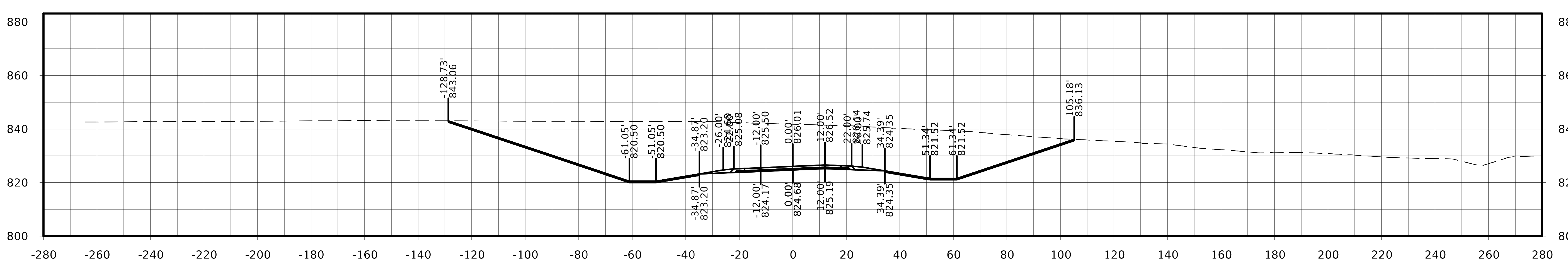
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER	W.31



STA. 131+00.00

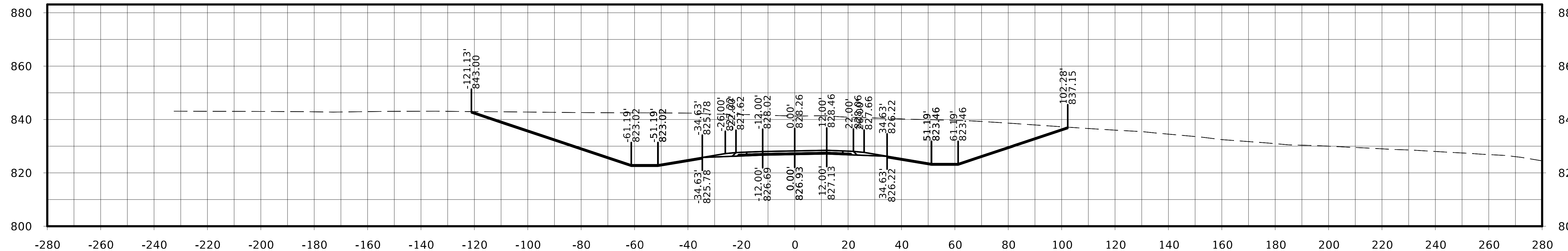


STA. 130+75.00

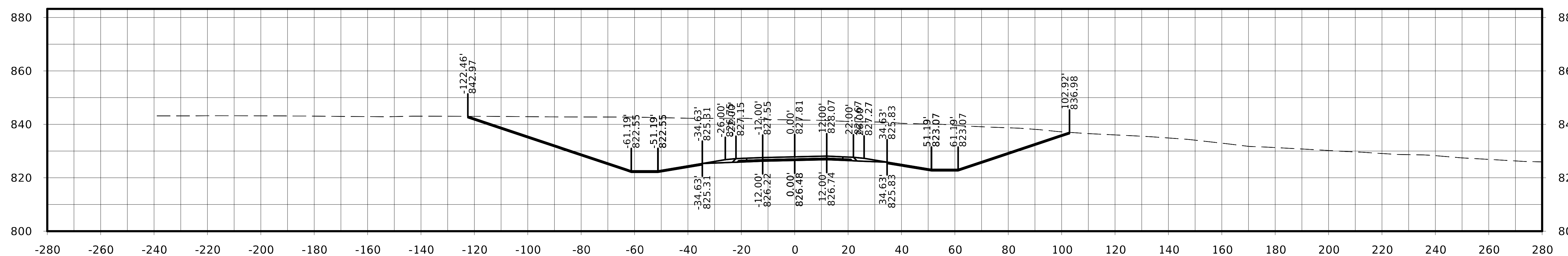


STA. 130+50.00

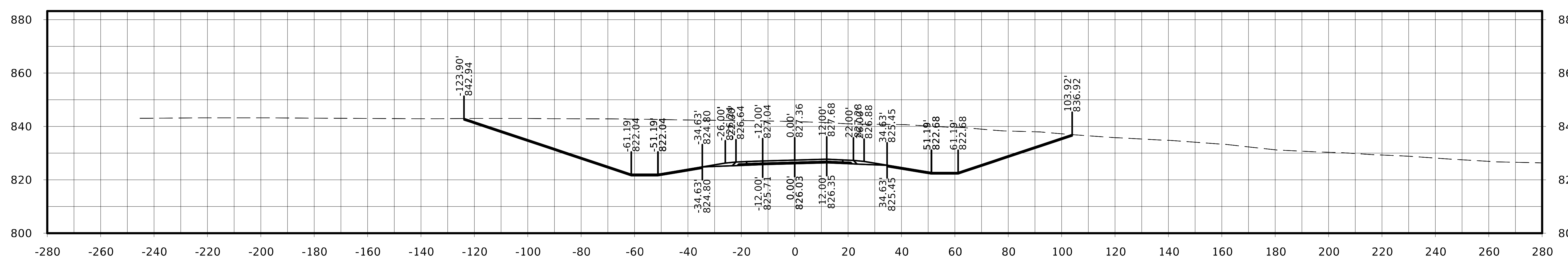
US 63



STA. 131+75.00



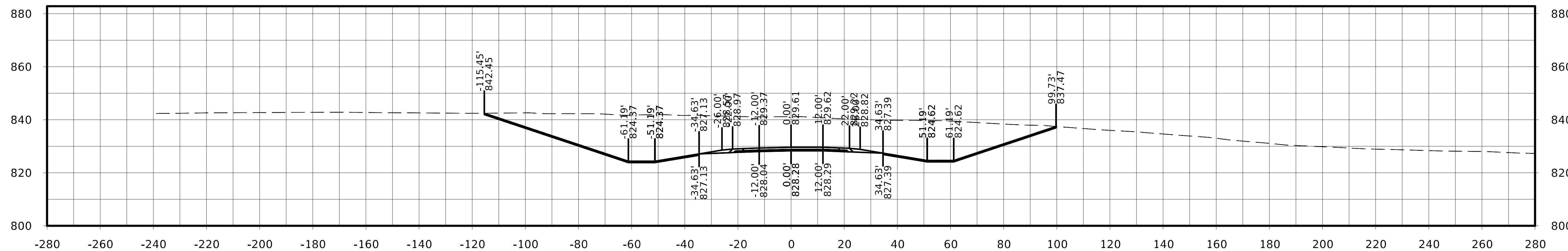
STA. 131+50.00



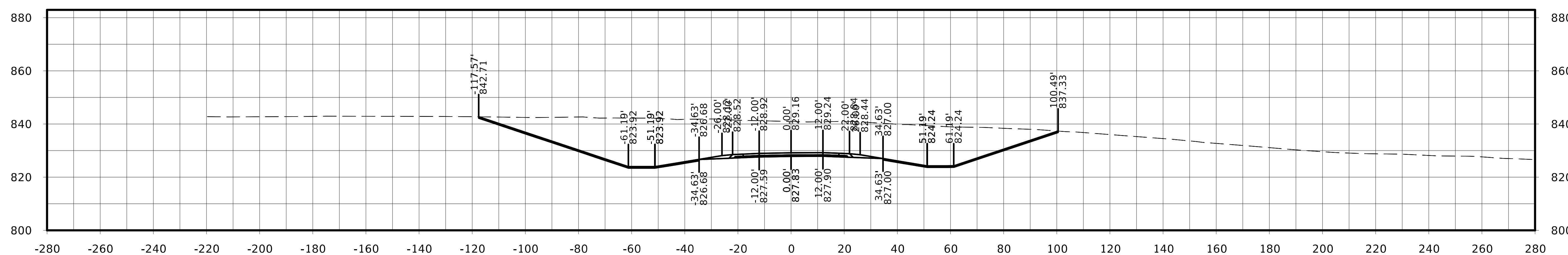
STA. 131+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.33

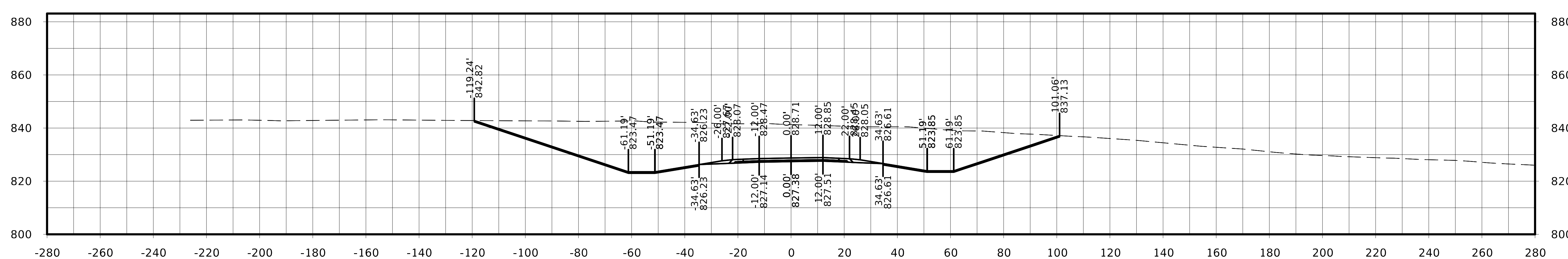
US 63



STA. 132+50.00

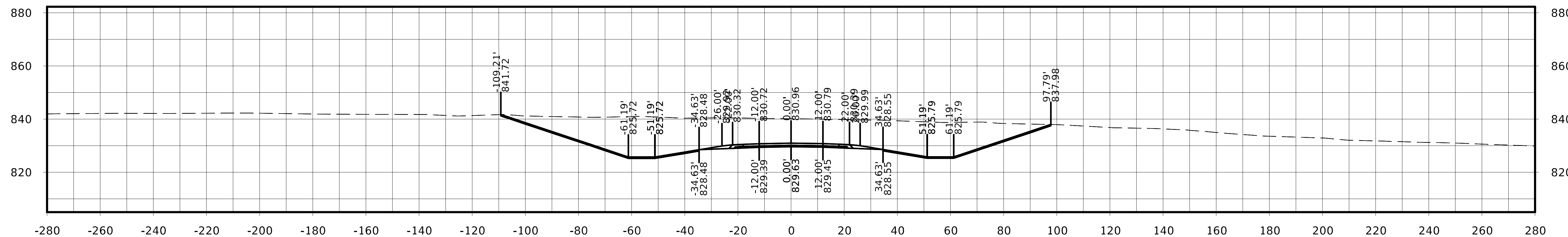


STA. 132+25.00

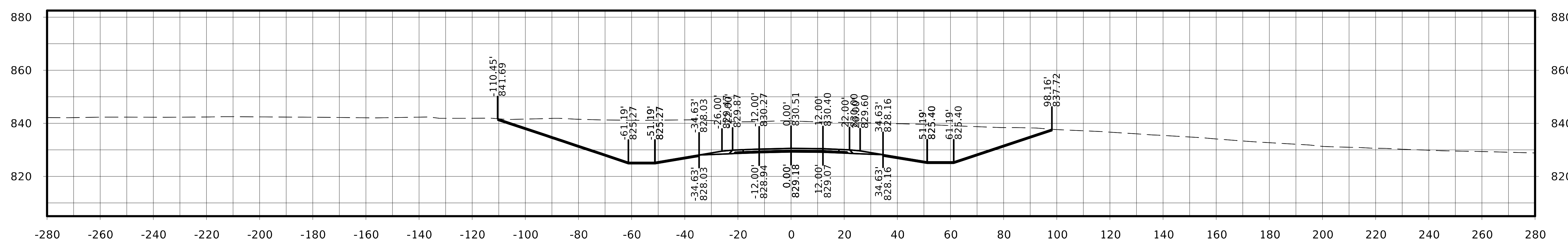


STA. 132+00.00

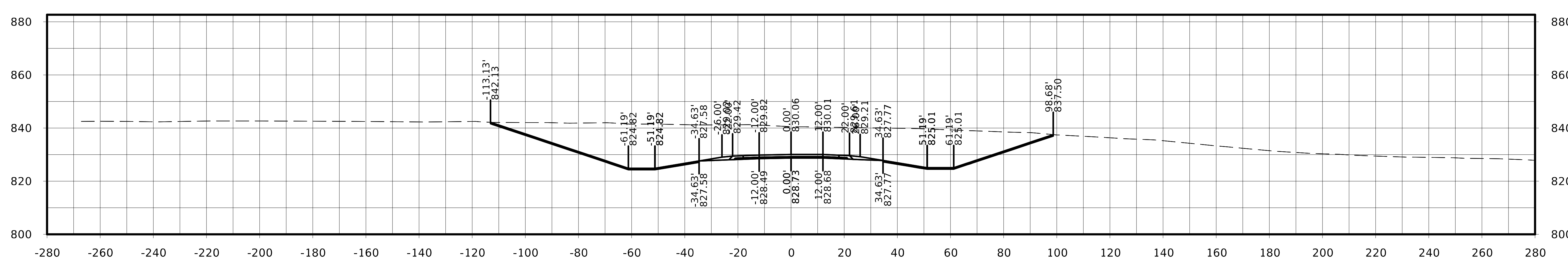
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.34



STA. 133+25.00



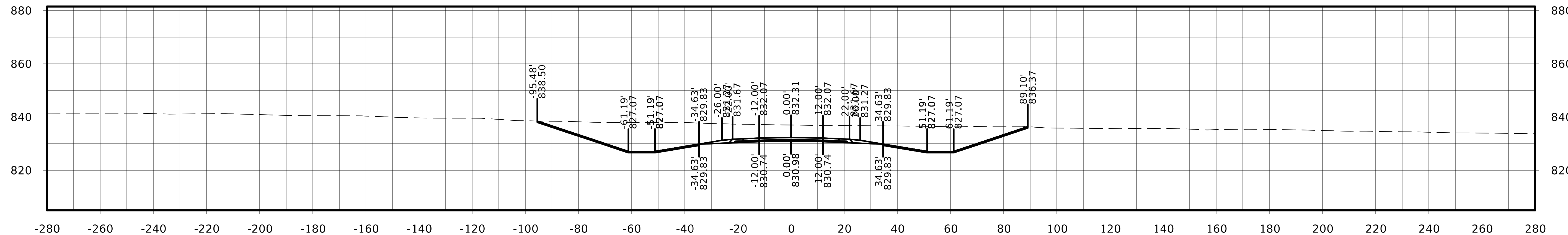
STA. 133+00.00



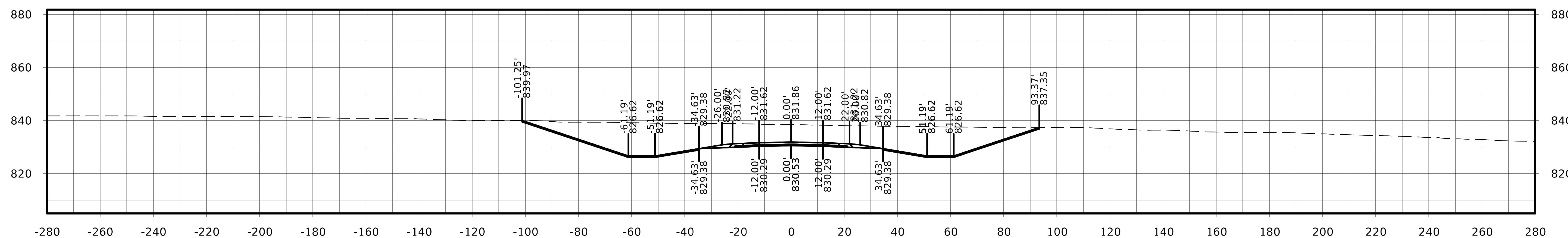
STA. 132+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.35

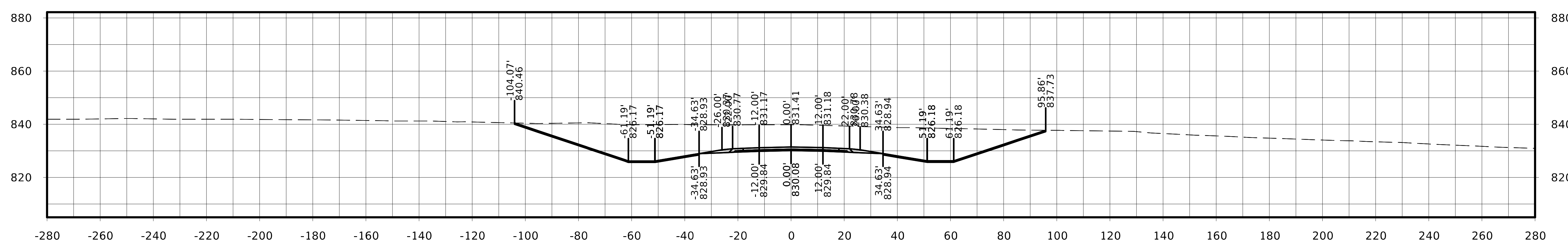
US 63



STA. 134+00.00

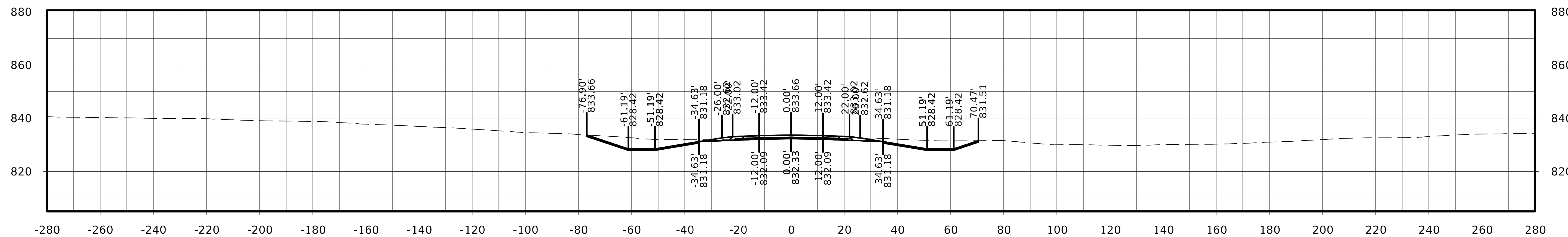


STA. 133+75.00

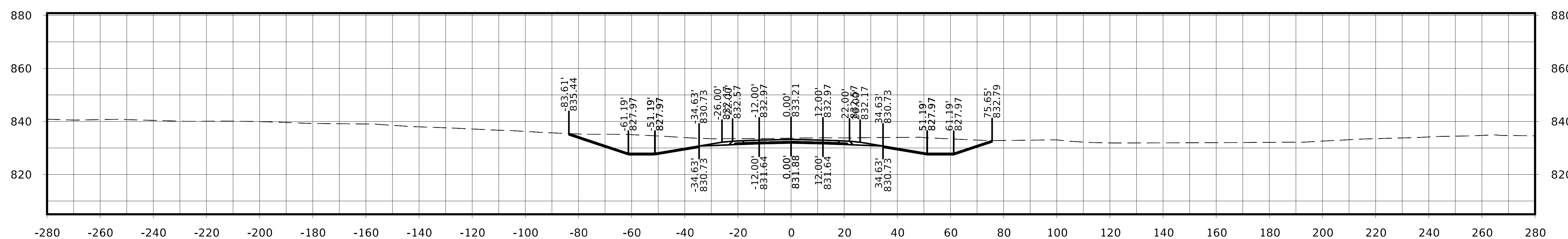


STA. 133+50.00

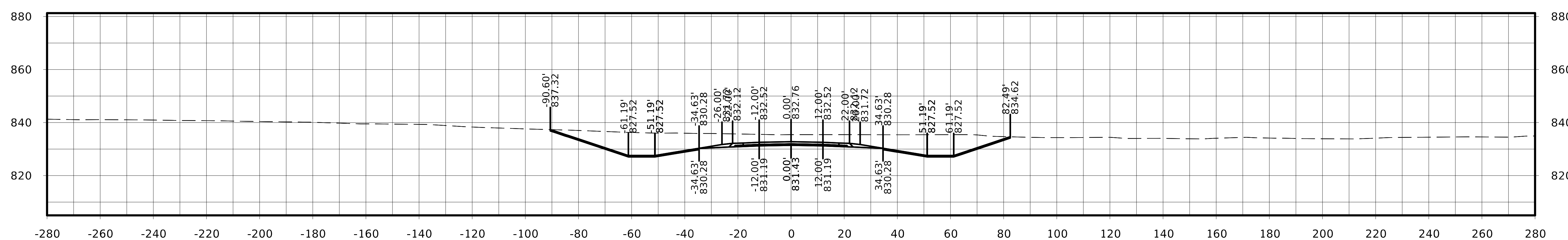
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.36



STA. 134+75.00

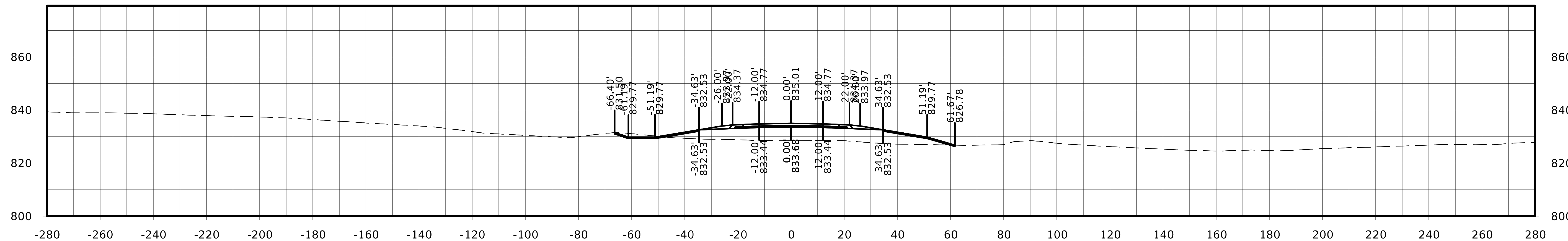


STA. 134+50.00

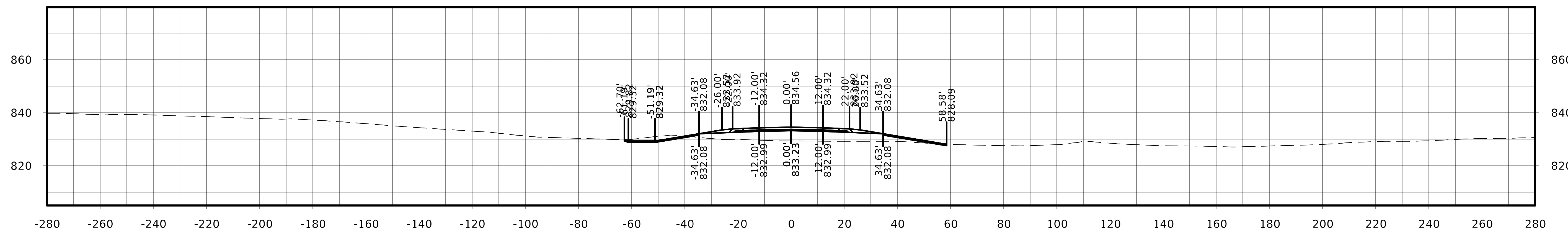


STA. 134+25.00

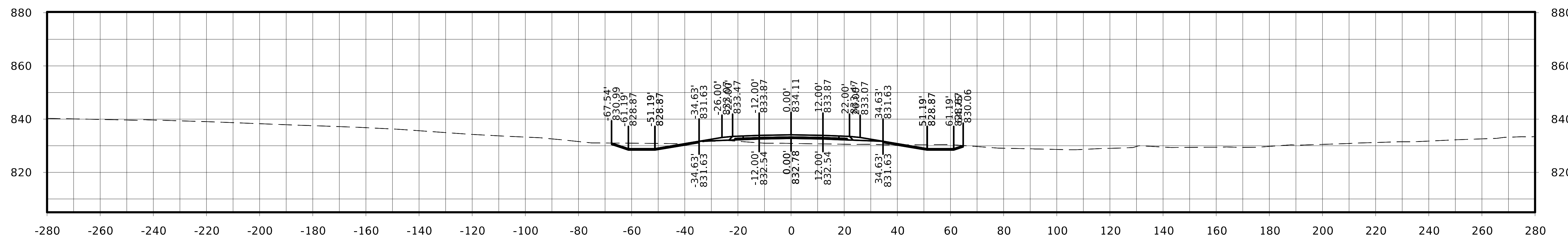
US 63



STA. 135+50.00



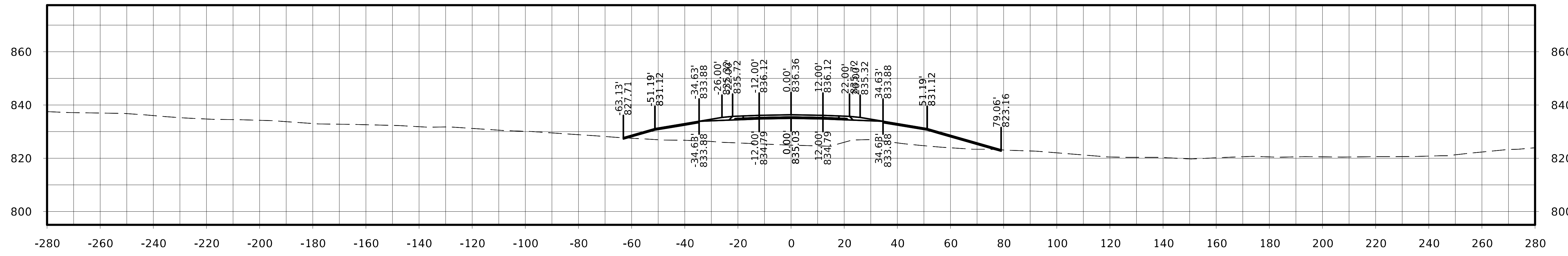
STA. 135+25.00

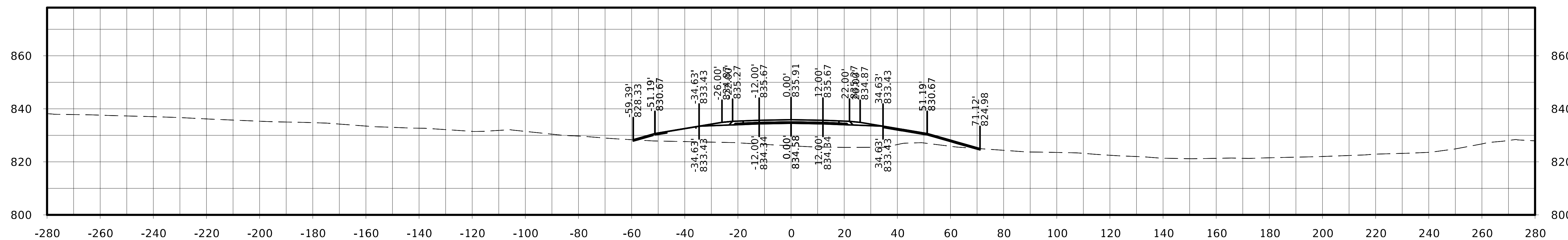


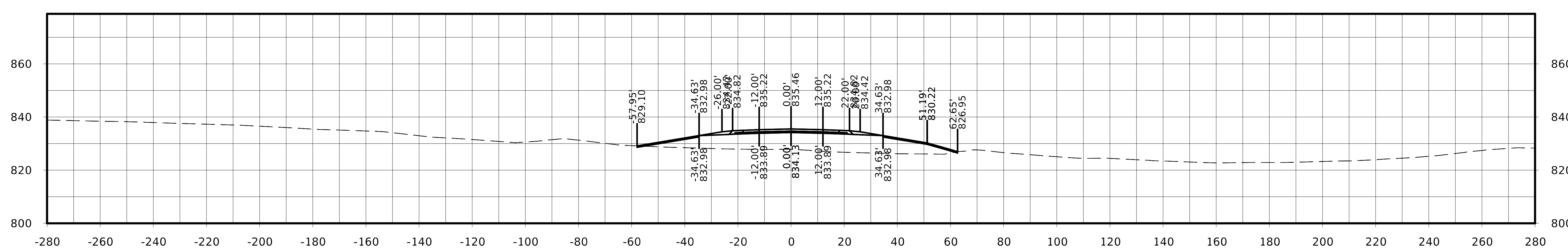
STA. 135+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.38

US 63

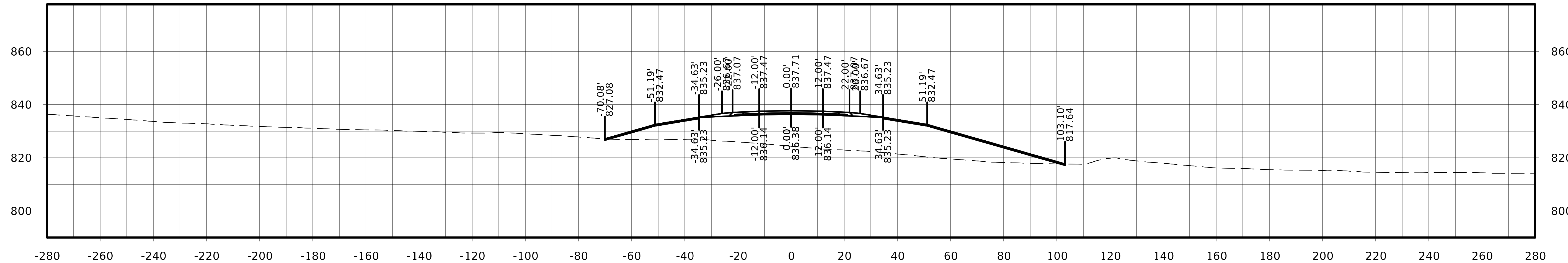




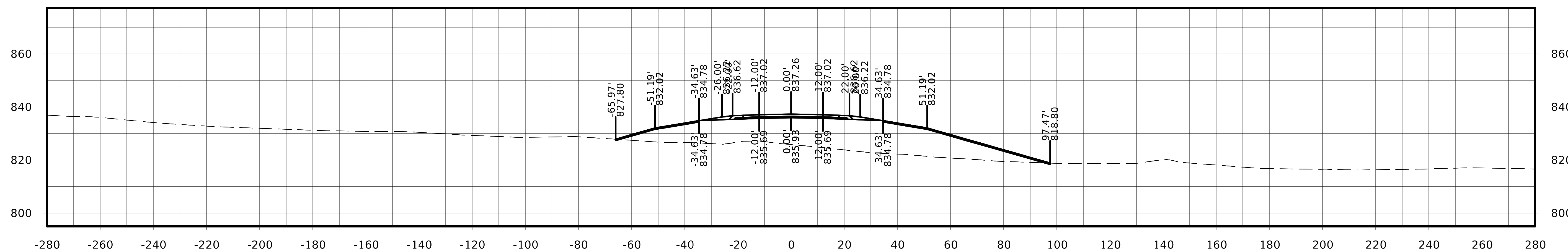


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.39

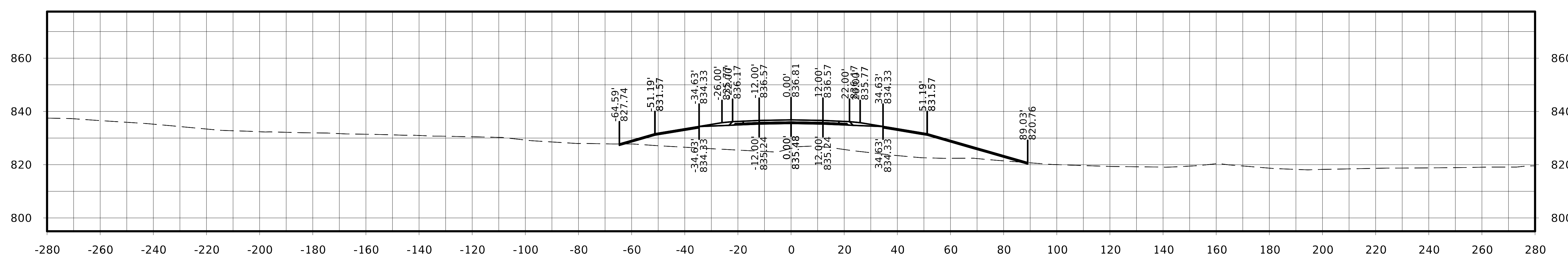
US 63



STA. 137+00.00

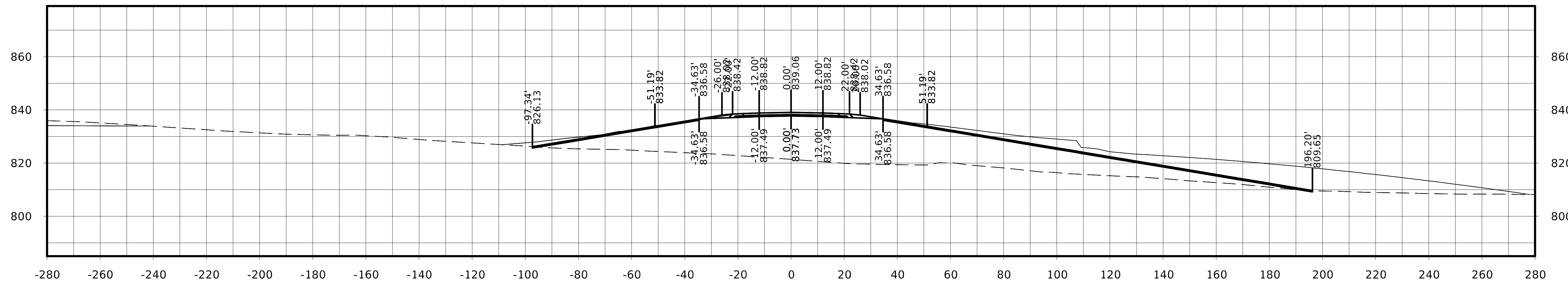


STA. 136+75.00

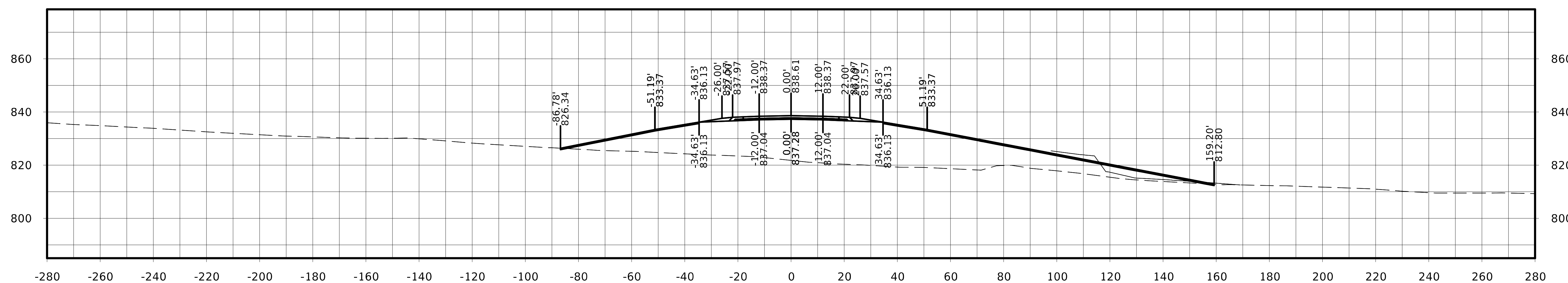


STA. 136+50.00

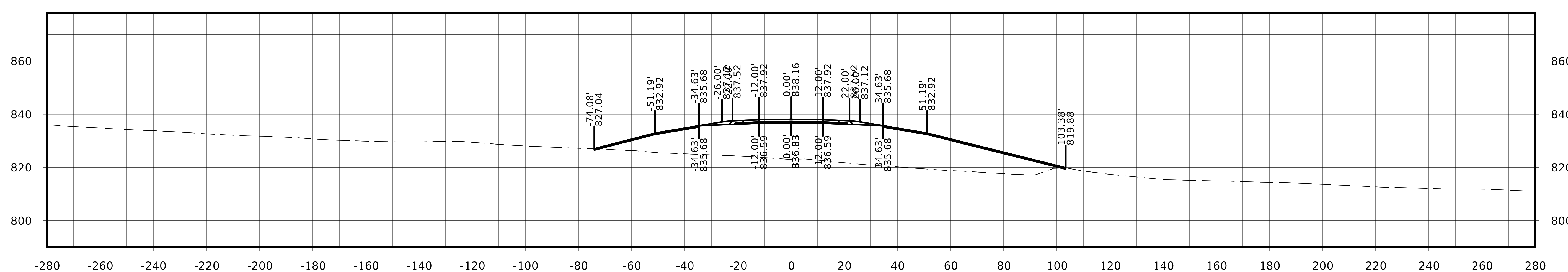
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.40



STA. 137+75.00

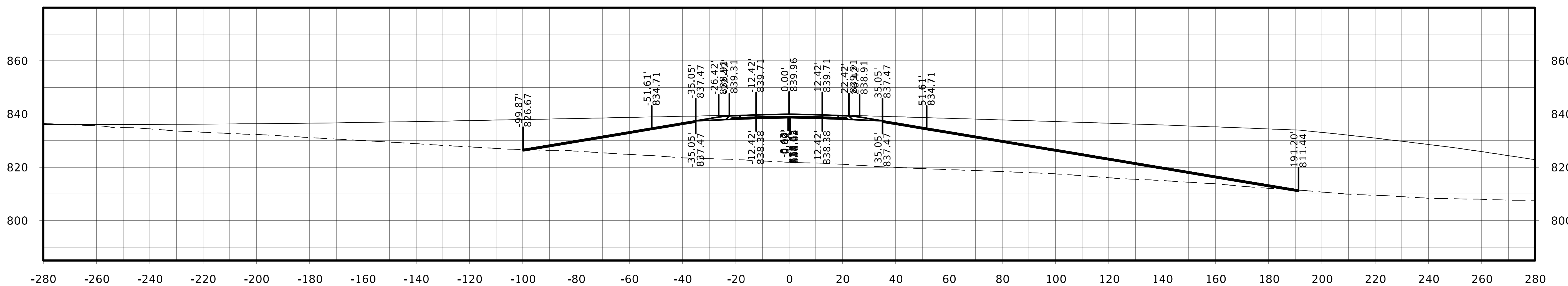


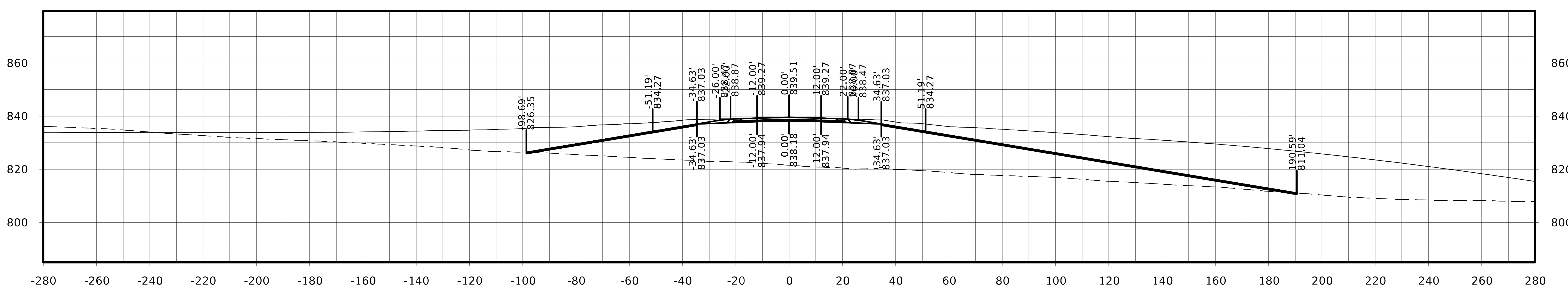
STA. 137+50.00



STA. 137+25.00

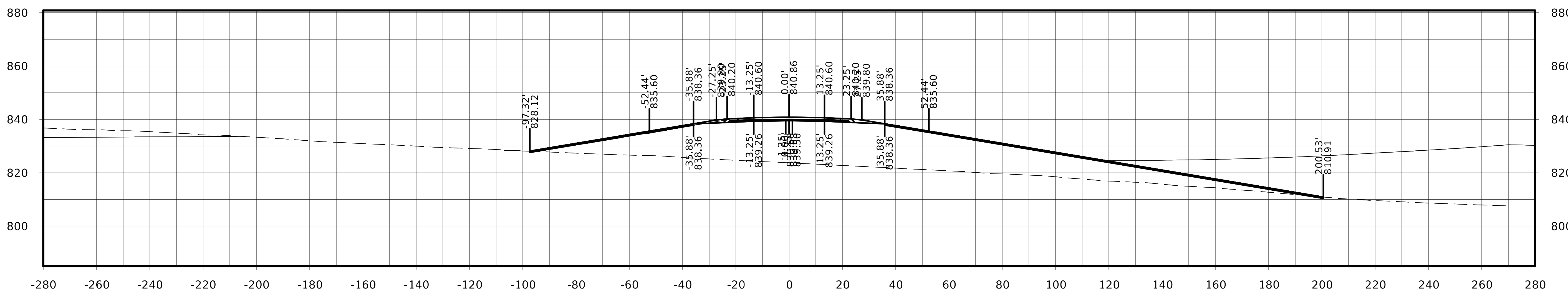
US 63



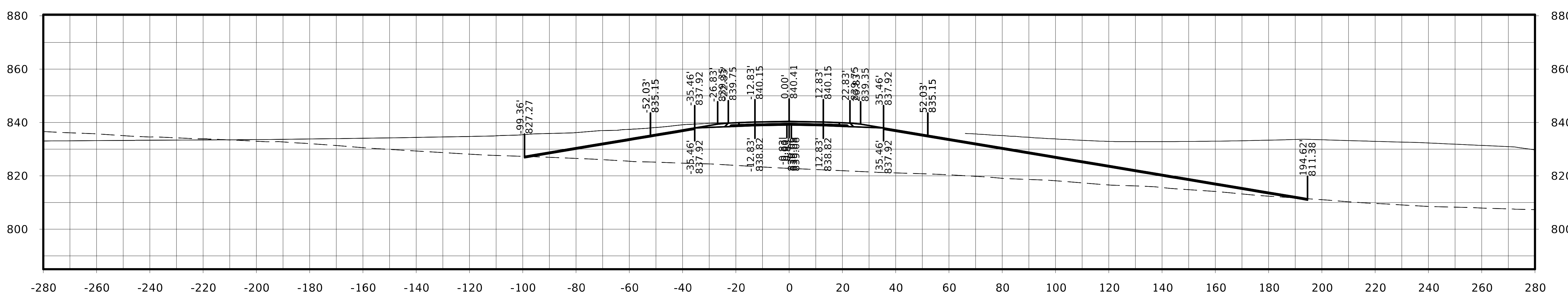


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.42

US 63



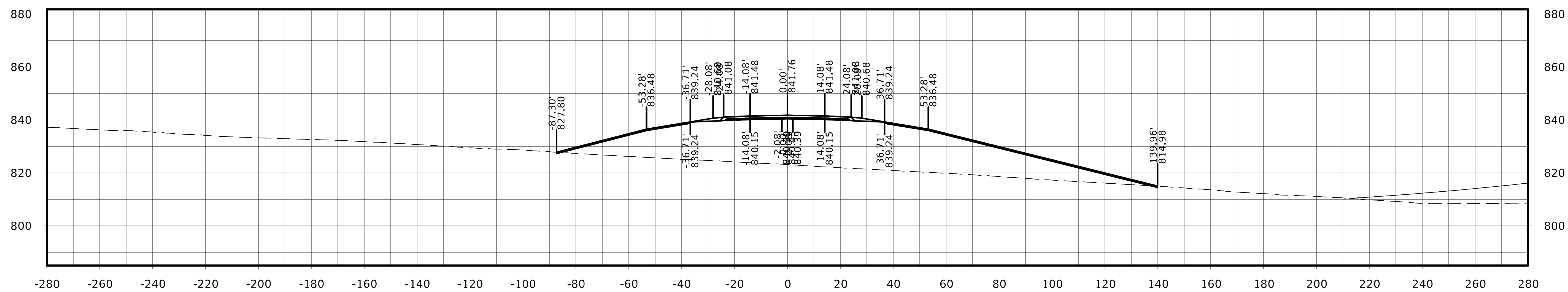
STA. 138+75.00

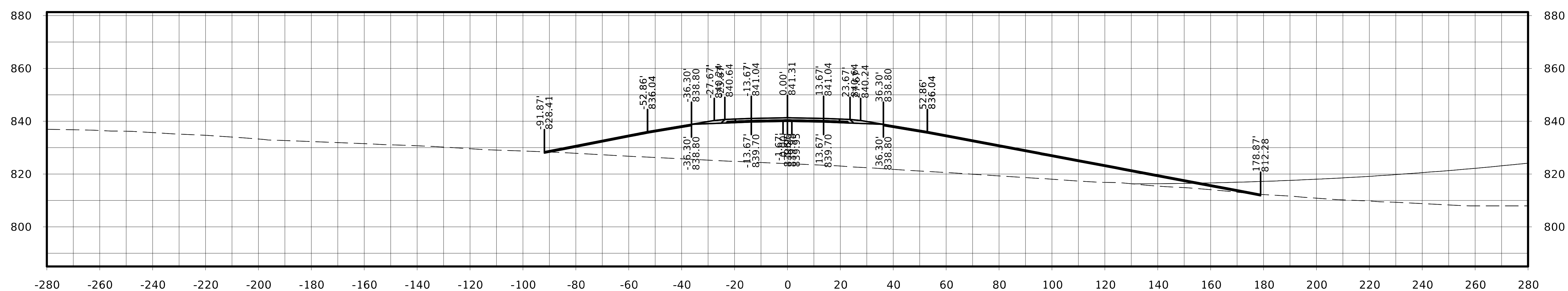


STA. 138+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.43

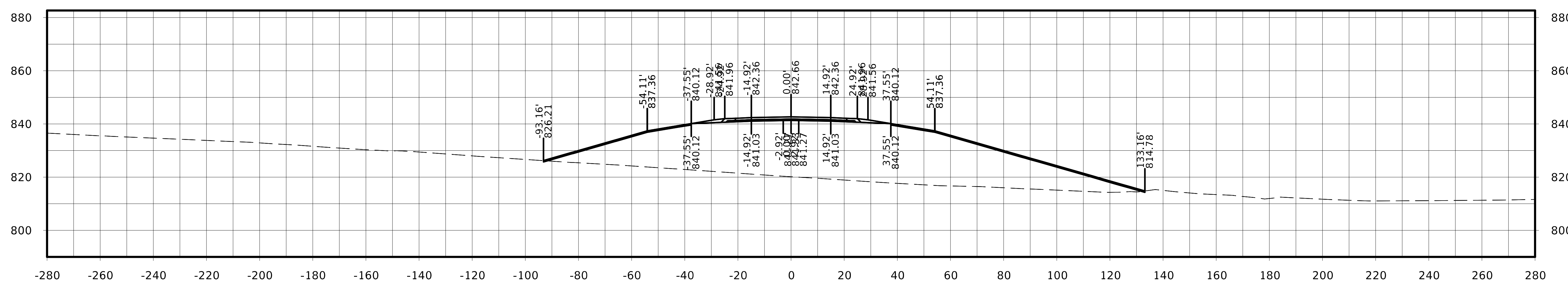
US 63



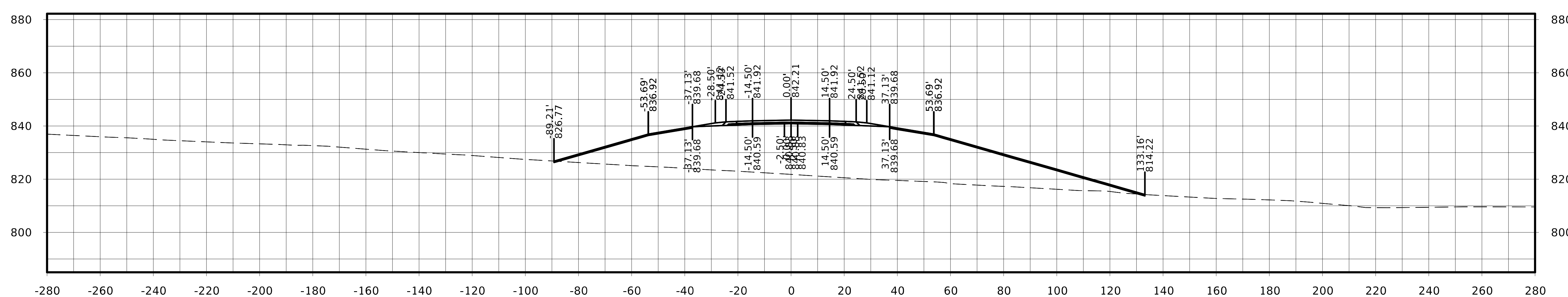


FILE NO.	ENGLISH	DESIGN TEAM	Flattery / Johnson	MAHASKA	COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER	W.44

US 63

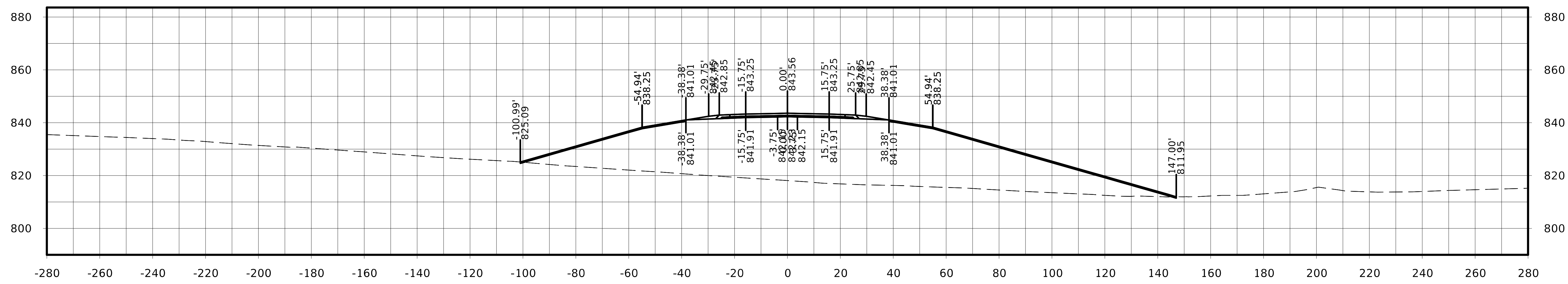


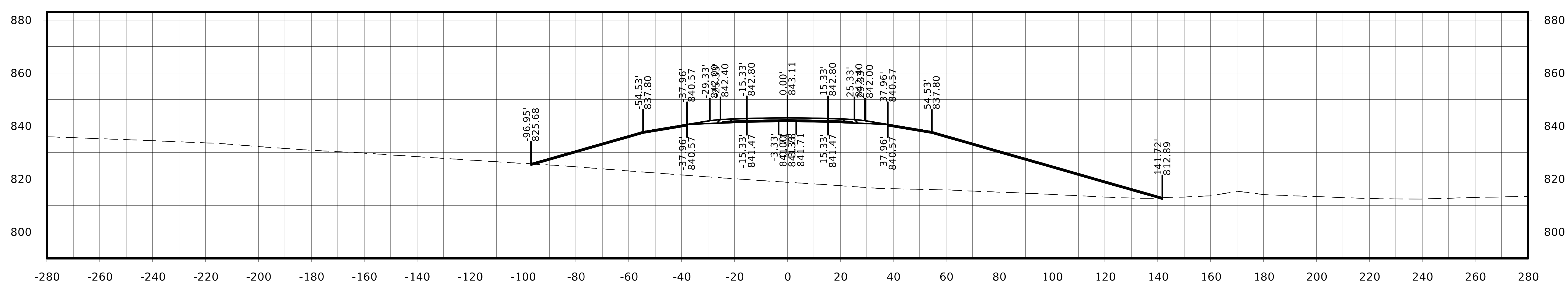
STA. 139+75.00



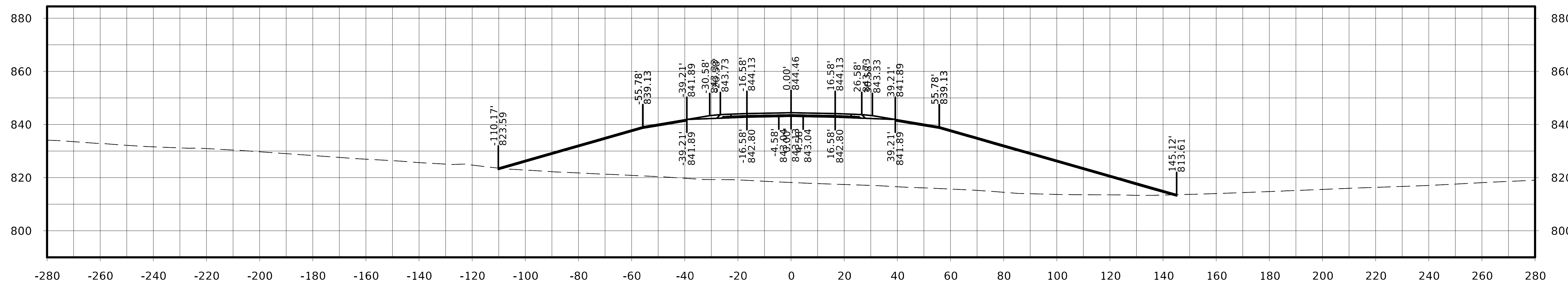
STA. 139+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER	W.45

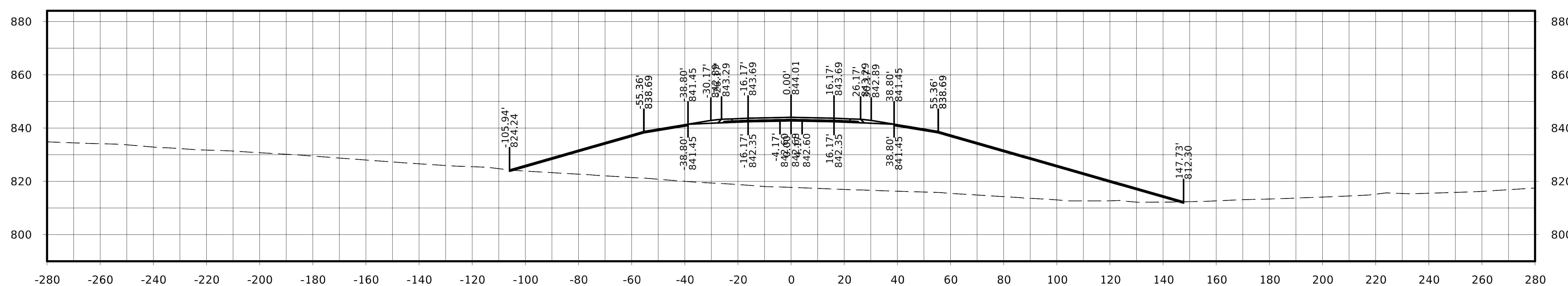

STA. 140+25.00


STA. 140+00.00

US 63



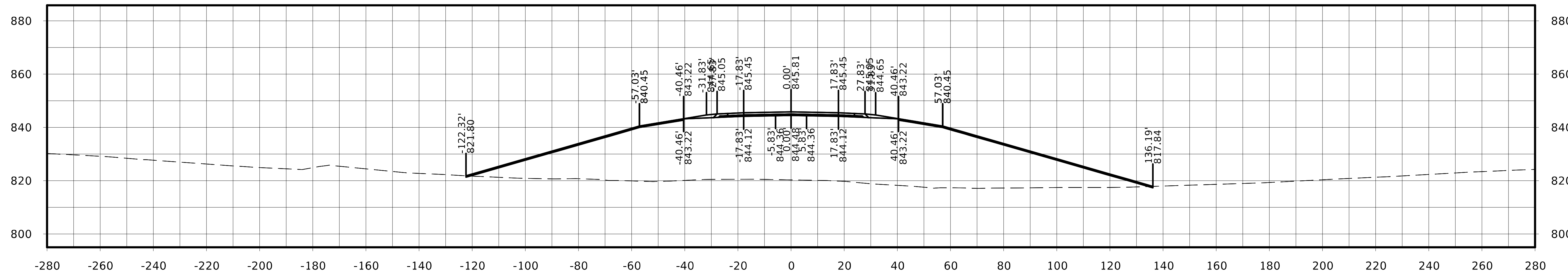
STA. 140+75.00



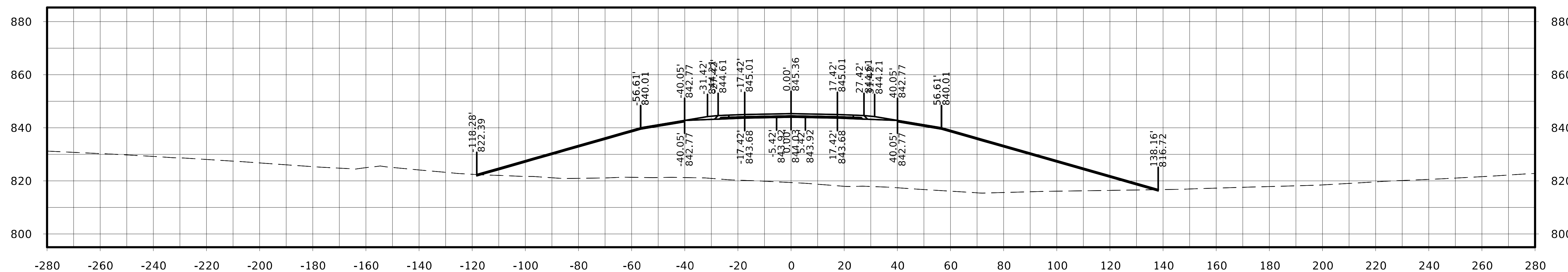
STA. 140+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.47

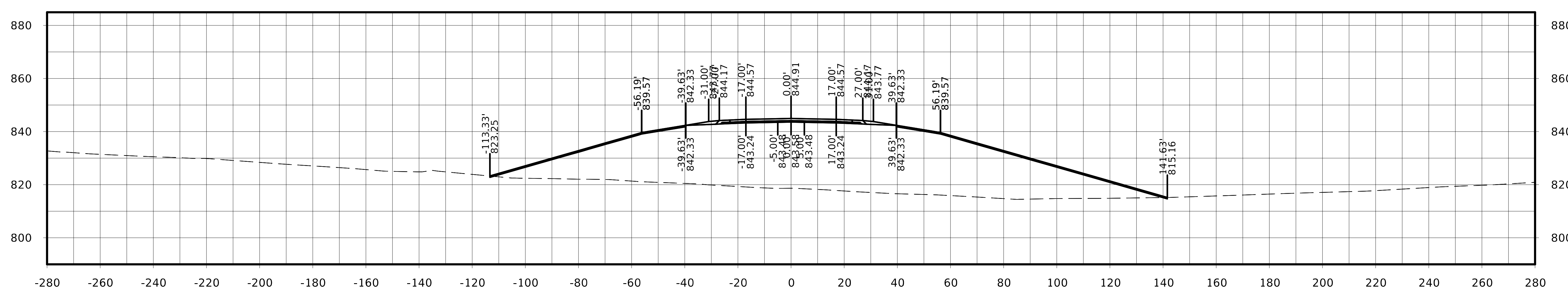
US 63



STA. 141+50.00

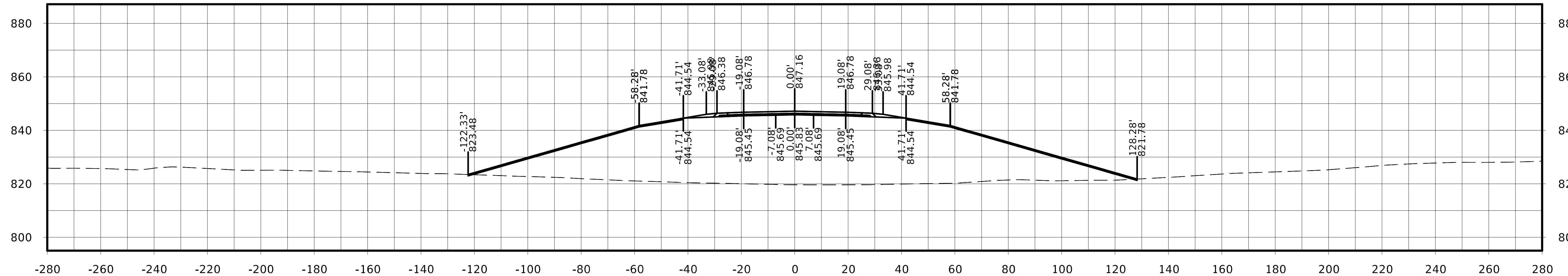


STA. 141+25.00

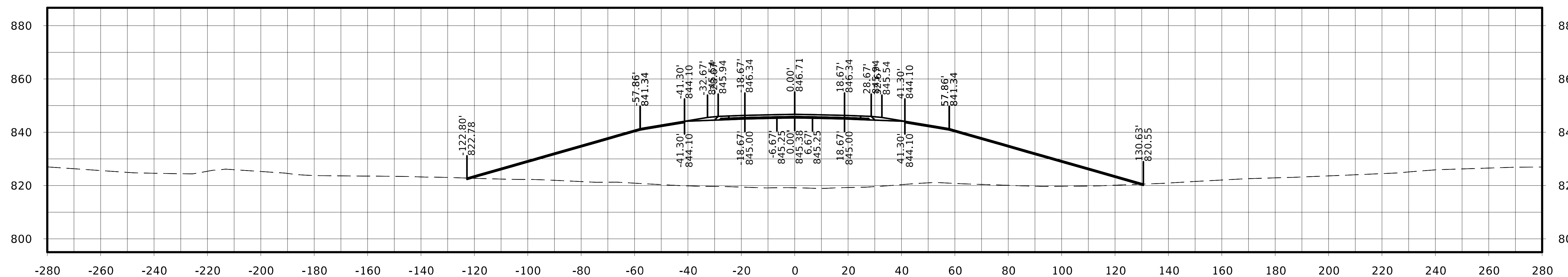


STA. 141+00.00

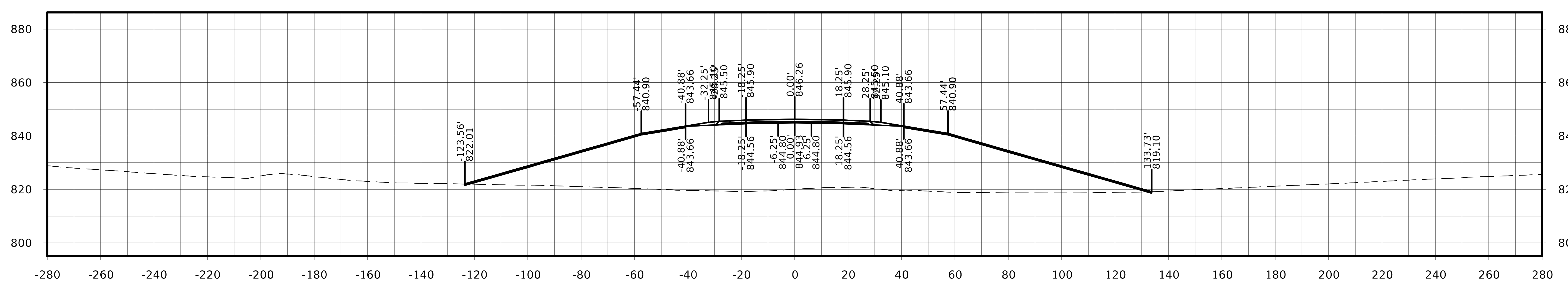
US 63



STA. 142+25.00



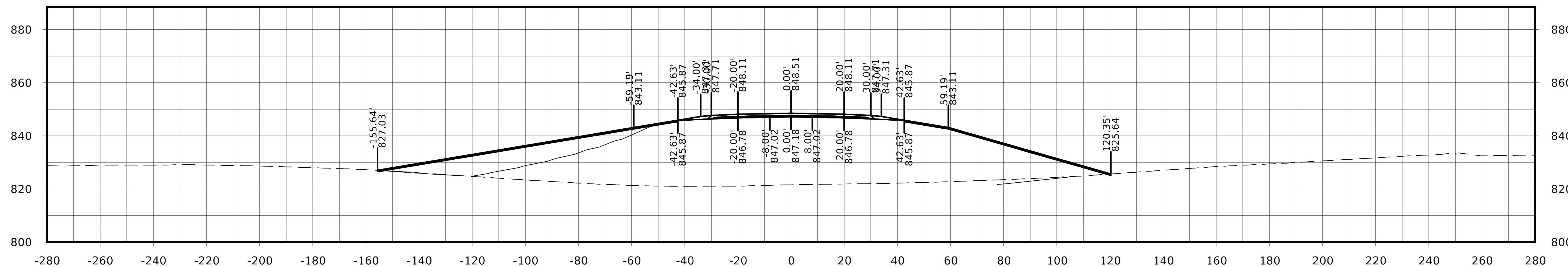
STA. 142+00.00



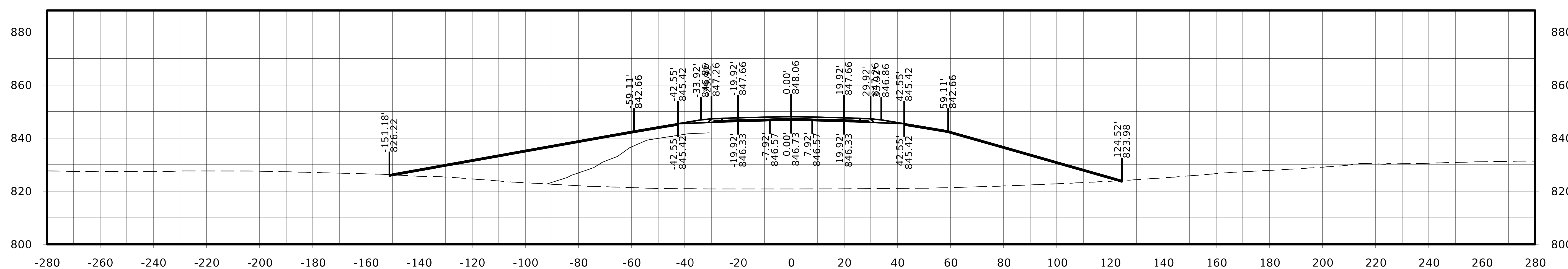
STA. 141+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.49

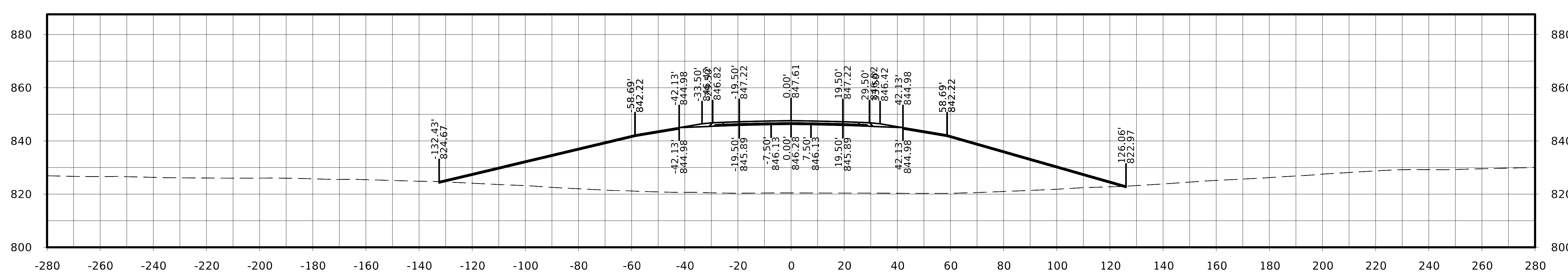
US 63



STA. 143+00.00



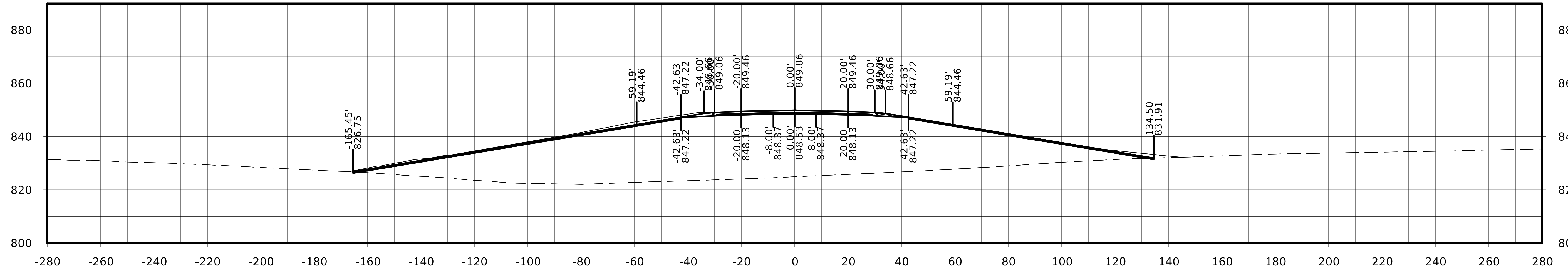
STA. 142+75.00



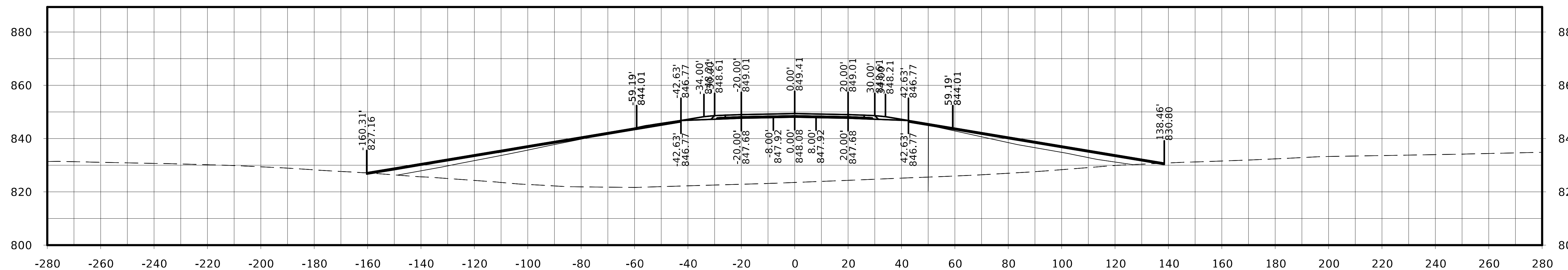
STA. 142+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.50

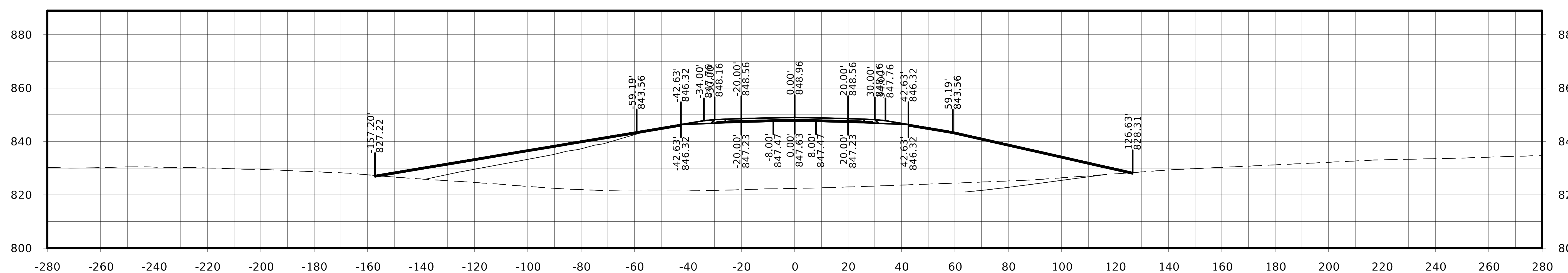
US 63



STA. 143+75.00



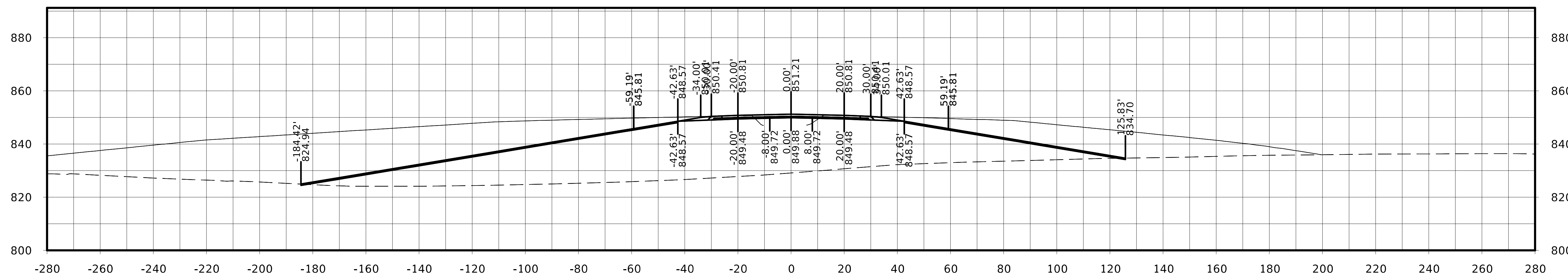
STA. 143+50.00



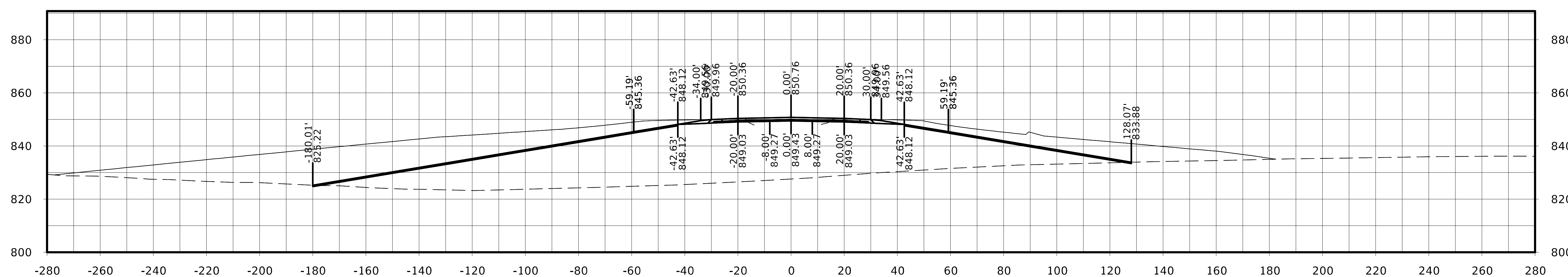
STA. 143+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.51

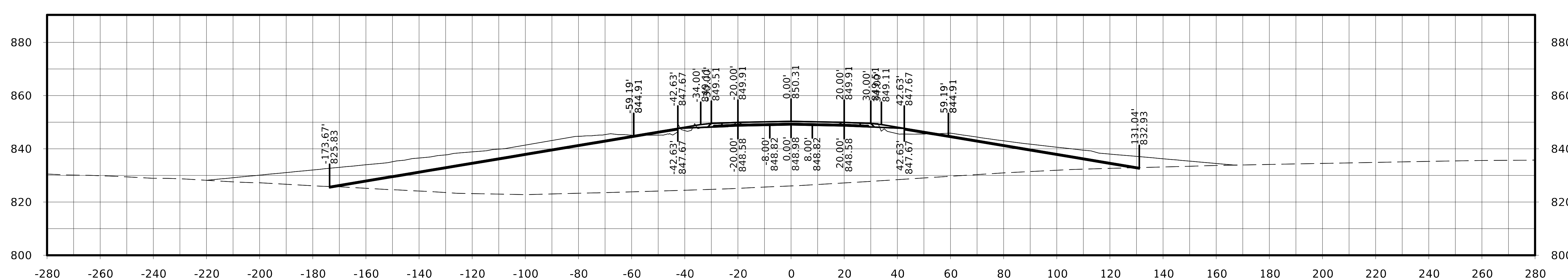
US 63



STA. 144+50.00



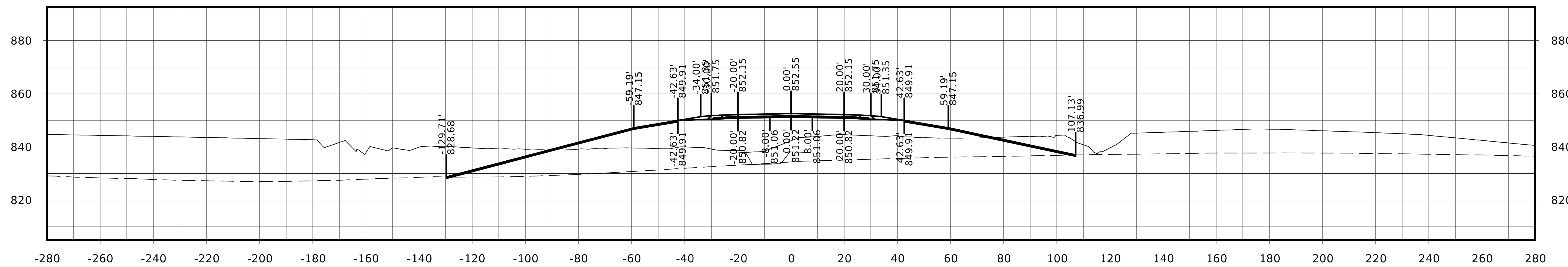
STA. 144+25.00



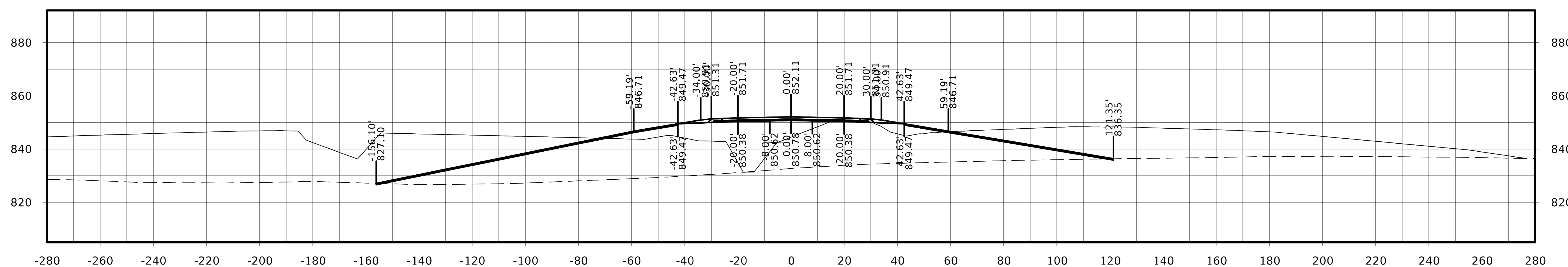
STA. 144+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.52

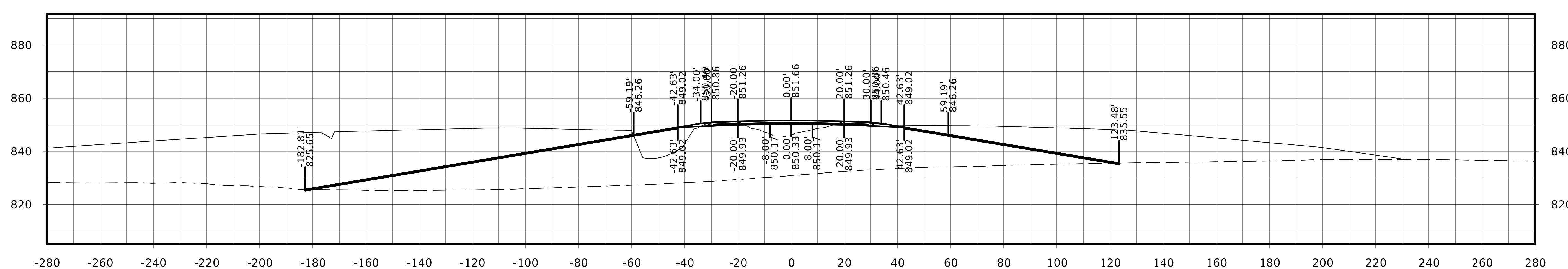
US 63



STA. 145+25.00



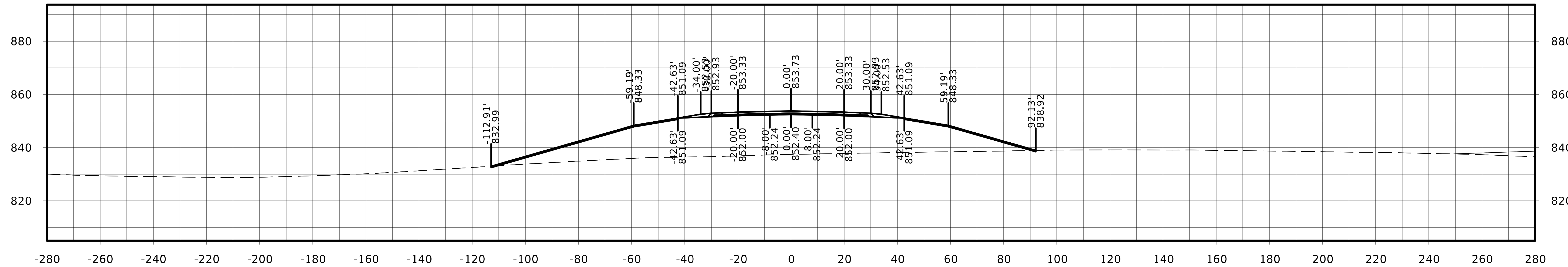
STA. 145+00.00



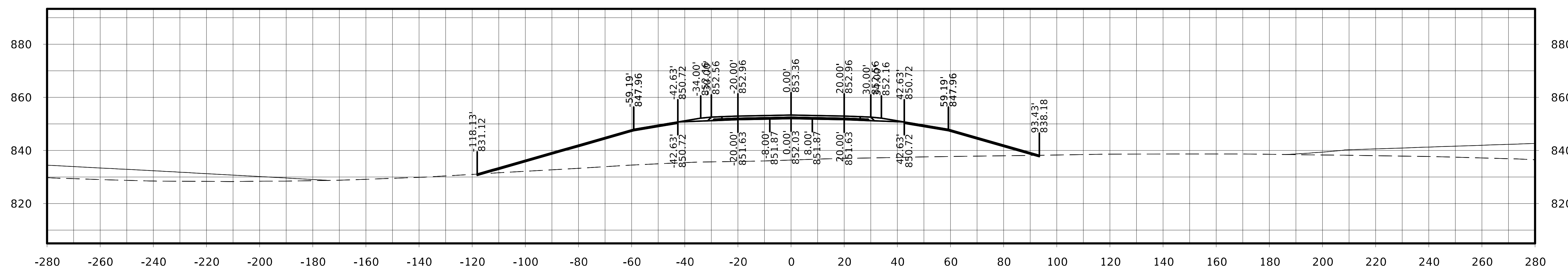
STA. 144+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.53

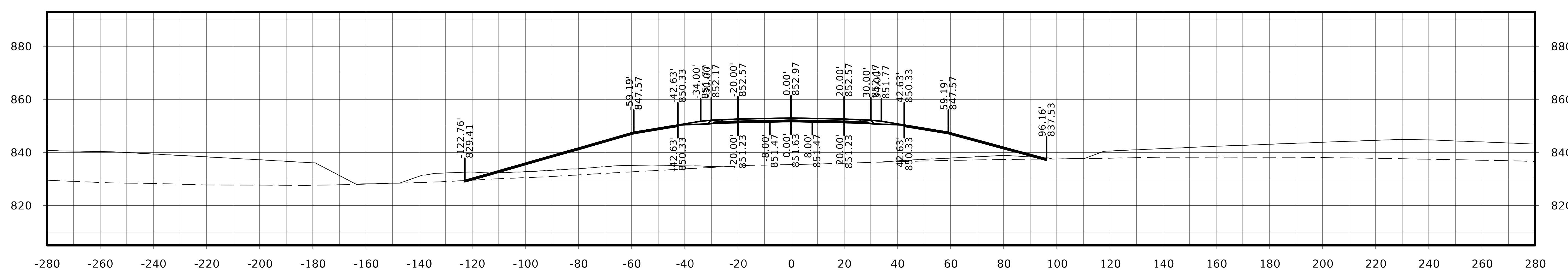
US 63



STA. 146+00.00



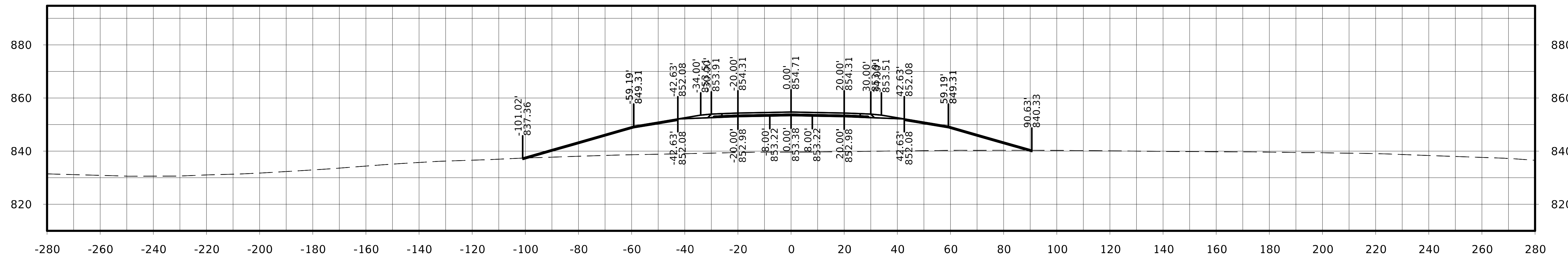
STA. 145+75.00



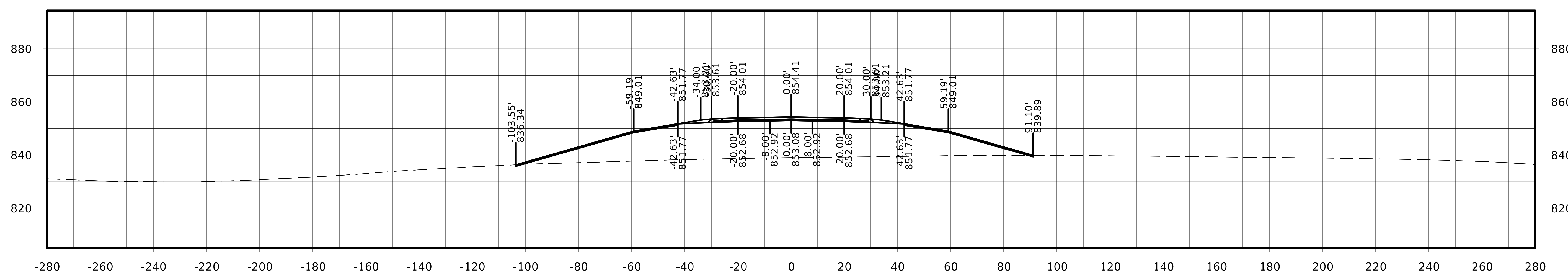
STA. 145+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.54

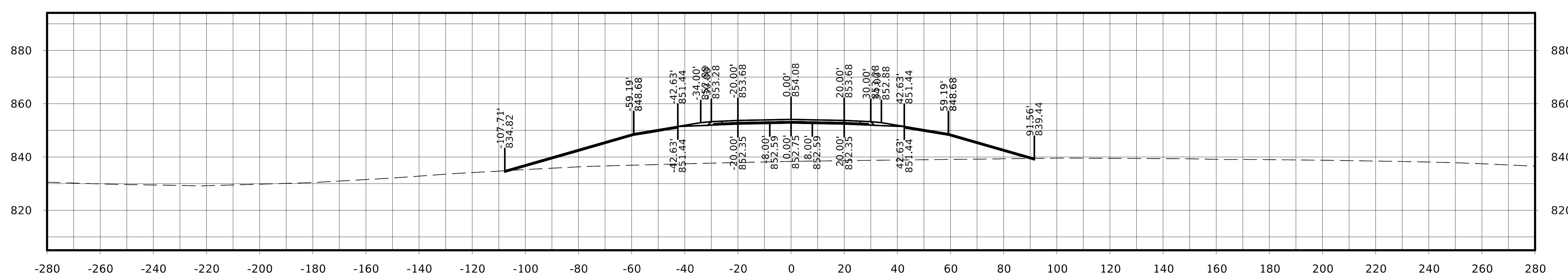
US 63



STA. 146+75.00



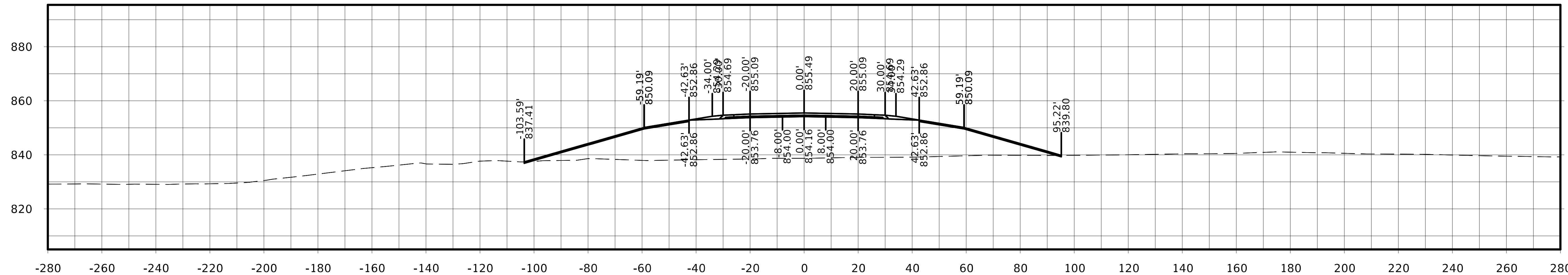
STA. 146+50.00



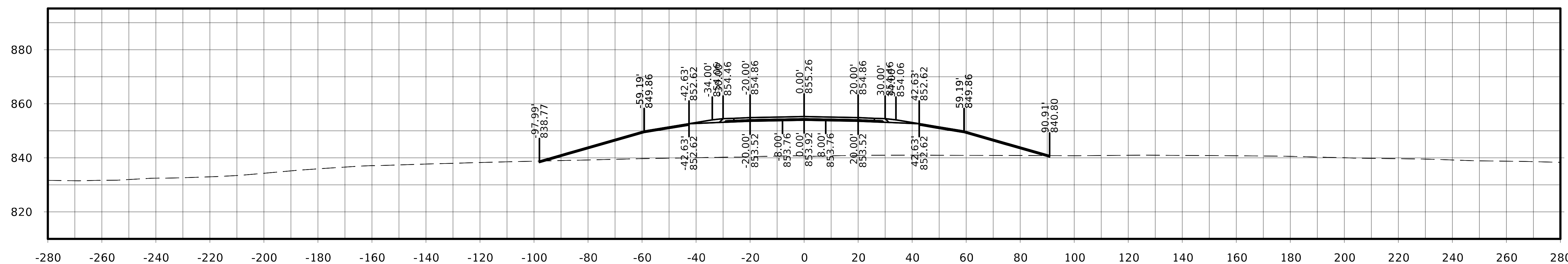
STA. 146+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.55

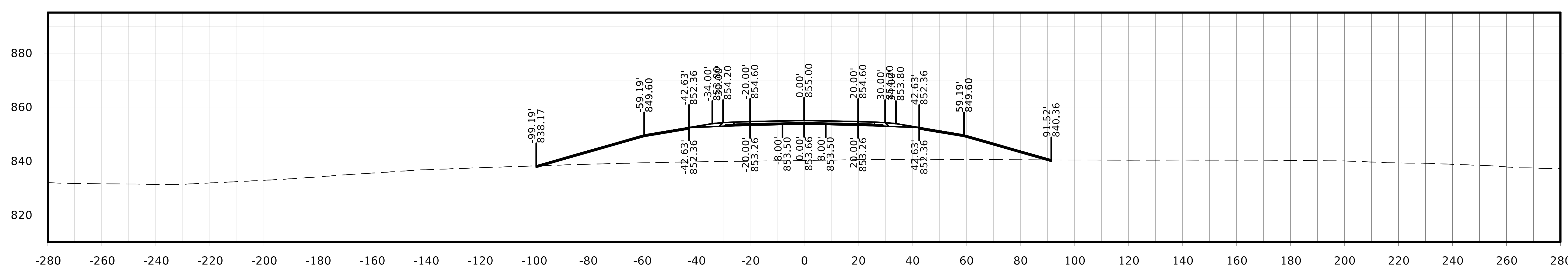
US 63



STA. 147+50.00

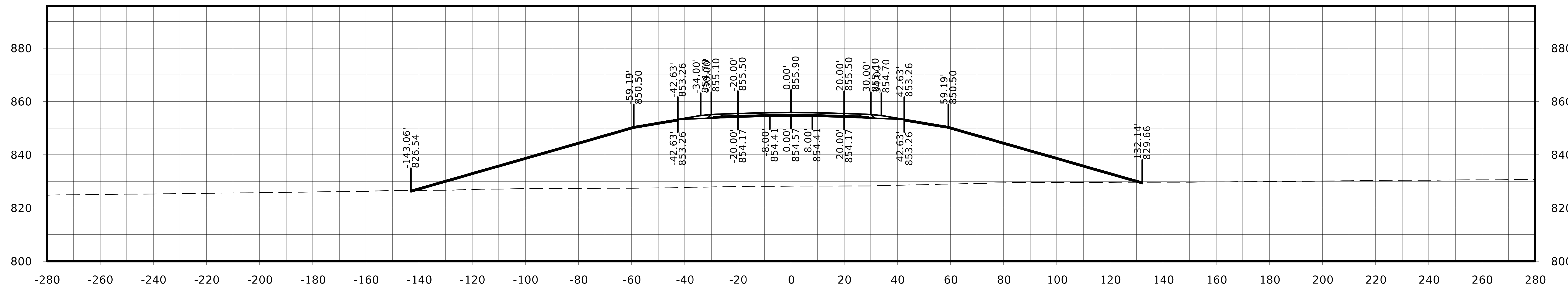


STA. 147+25.00

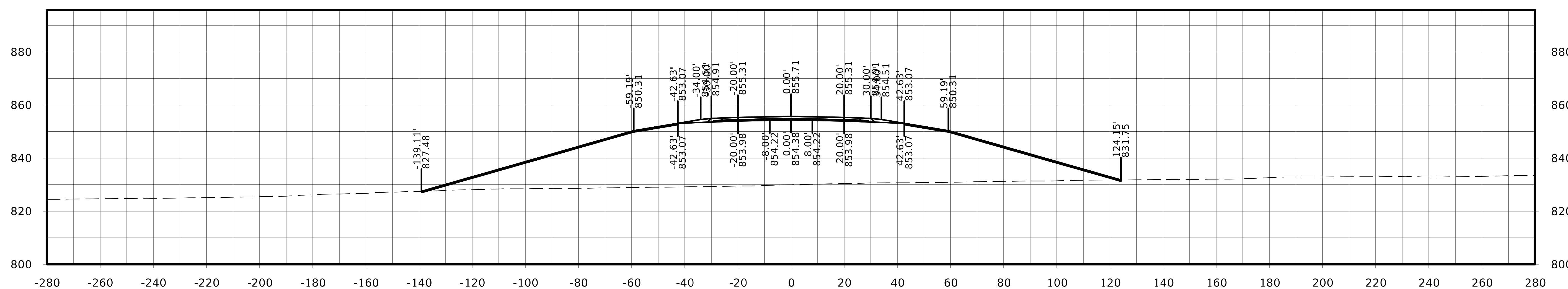


STA. 147+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.56

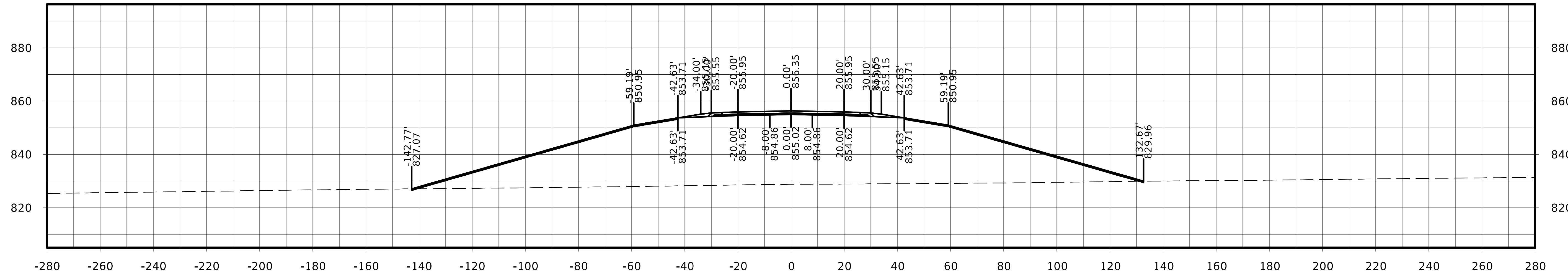


STA. 148+00.00

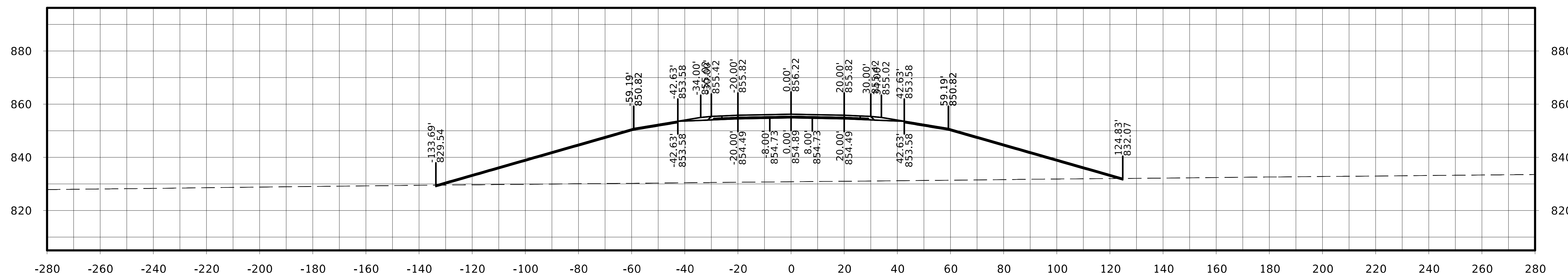


STA. 147+75.00

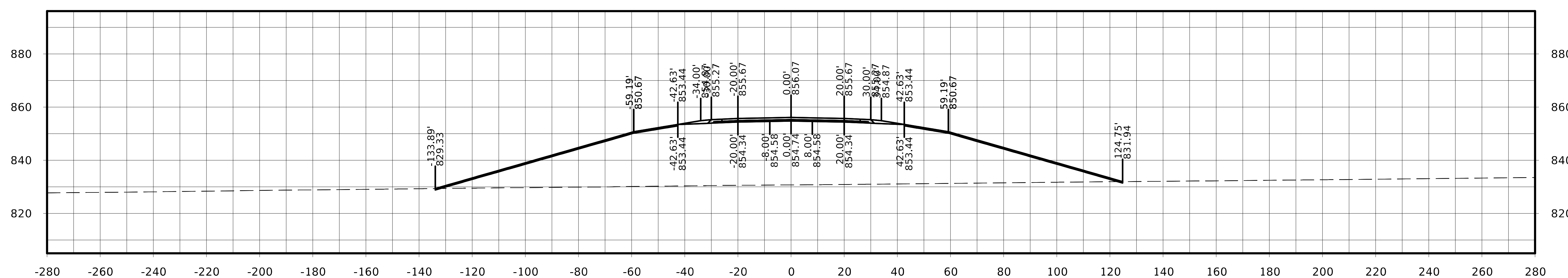
US 63



STA. 148+75.00



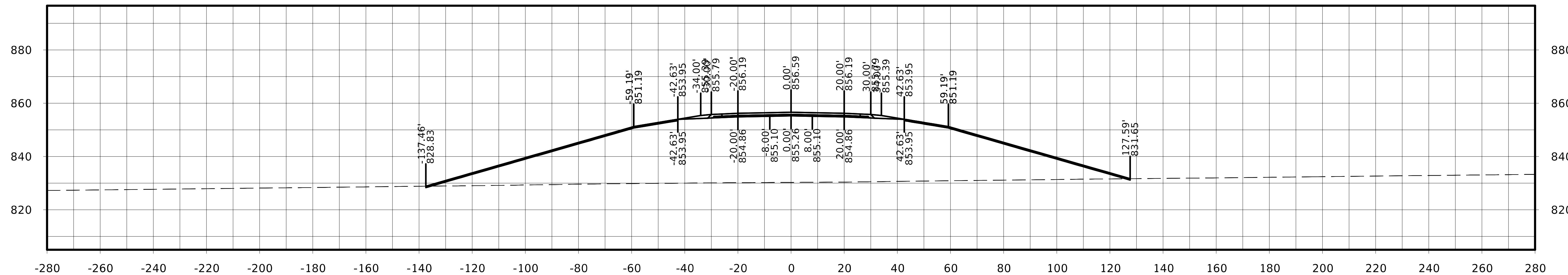
STA. 148+50.00



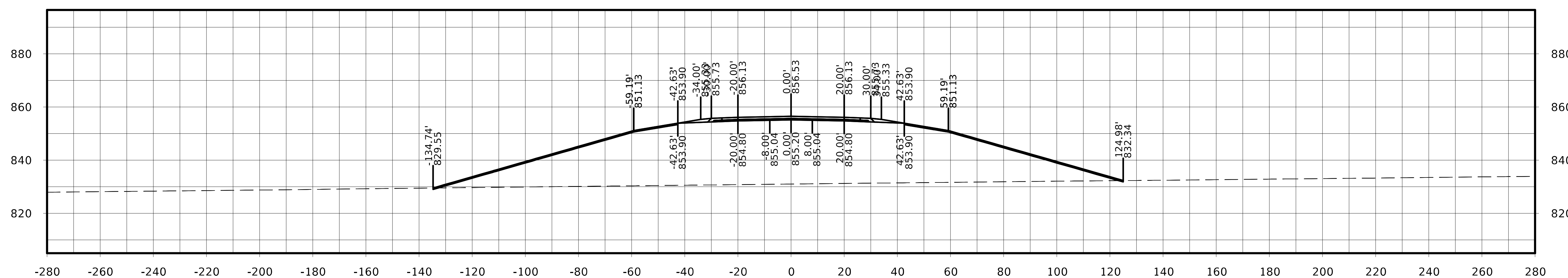
STA. 148+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.58

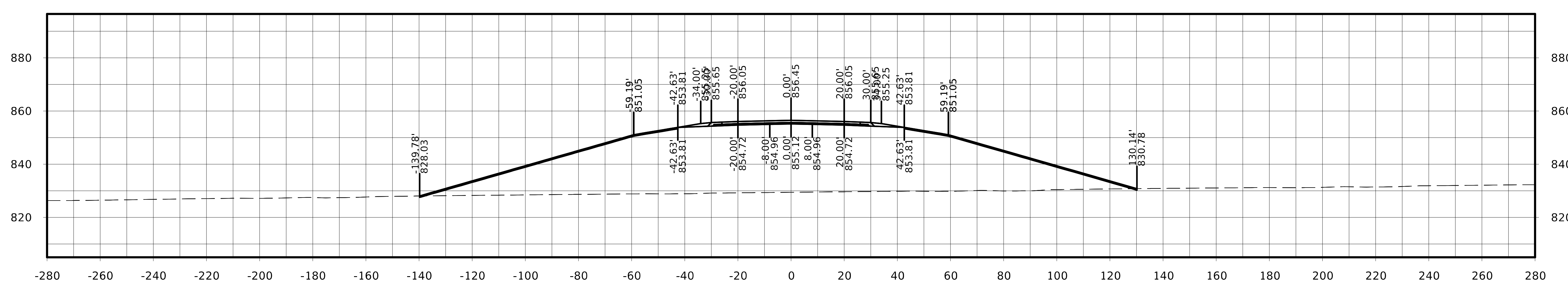
US 63



STA. 149+50.00



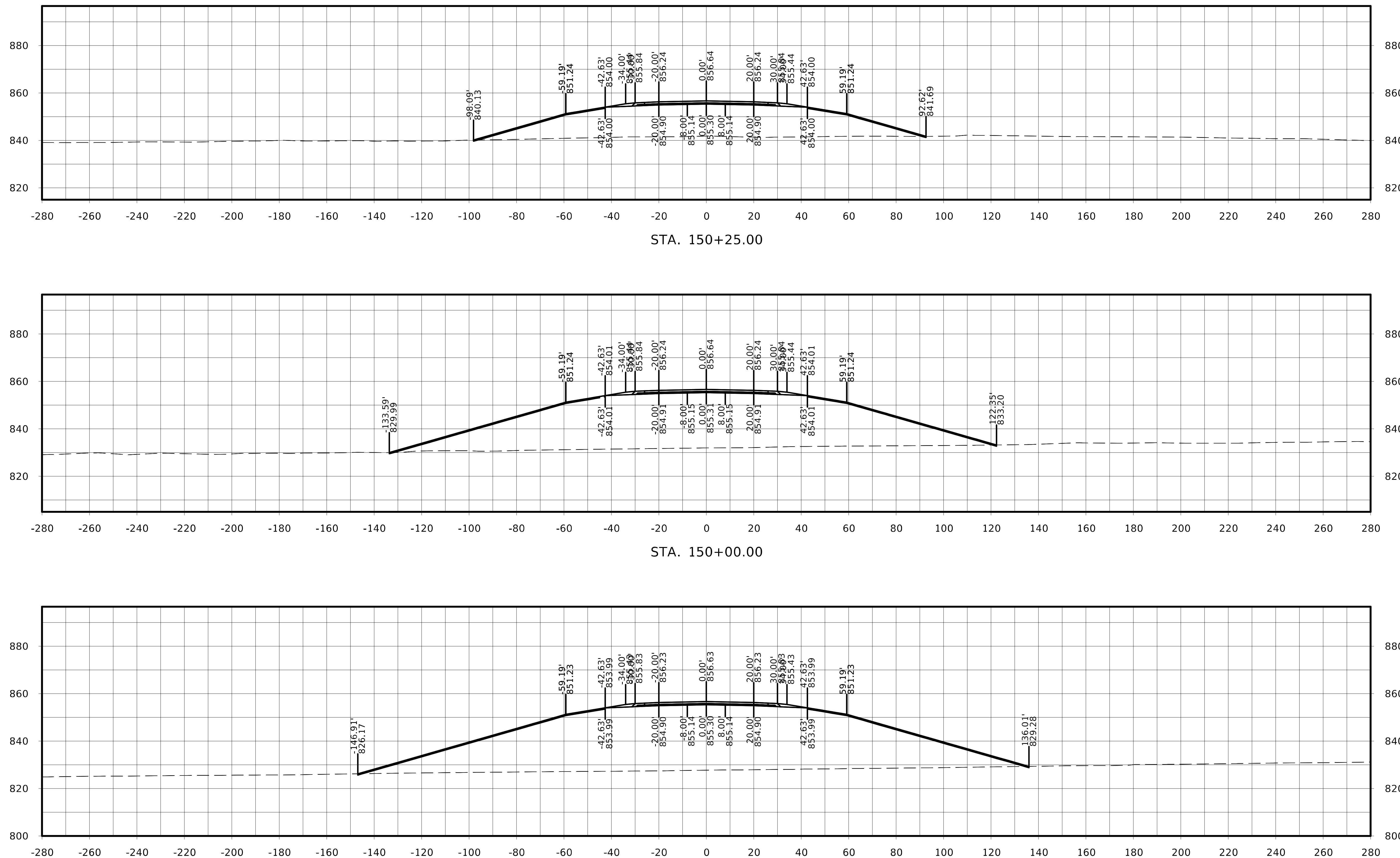
STA. 149+25.00



STA. 149+00.00

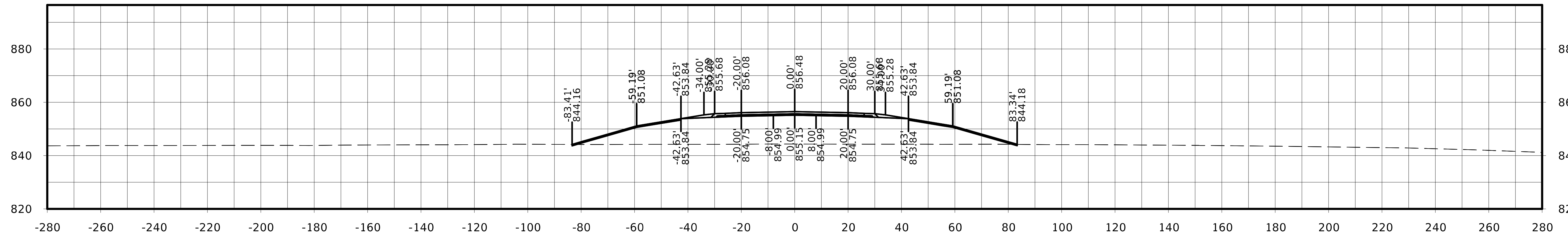
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.59

US 63

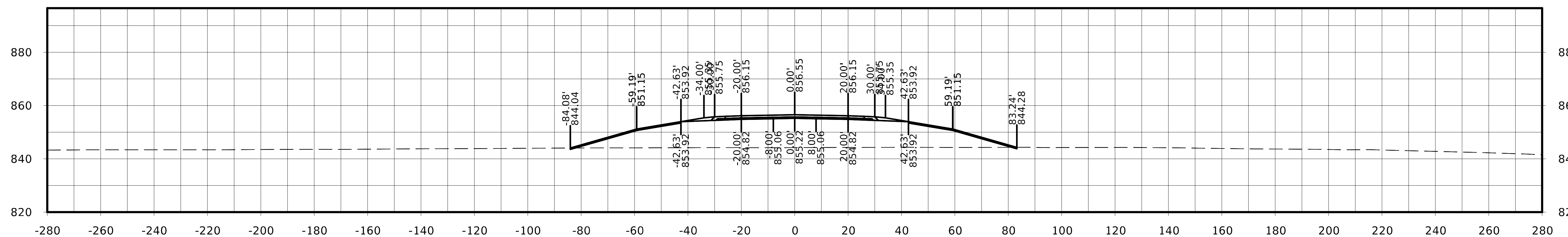


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.60

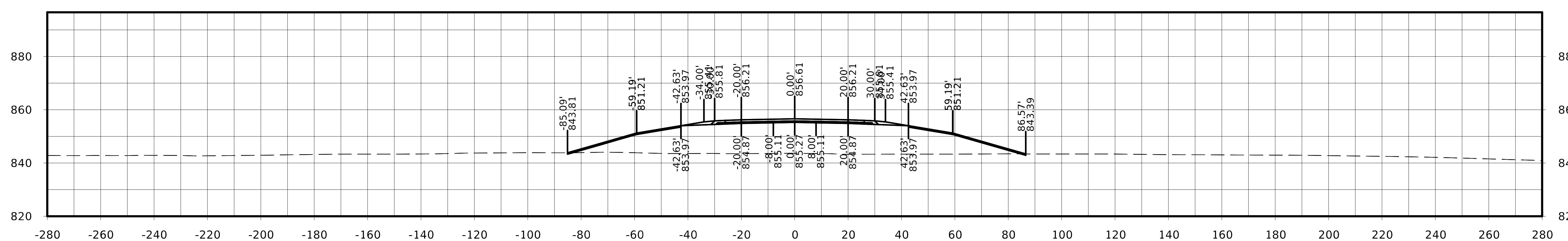
US 63



STA. 151+00.00

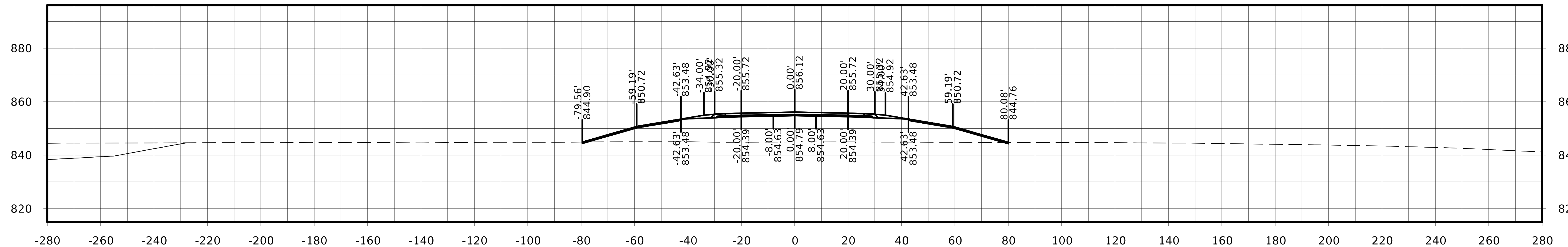


STA. 150+75.00

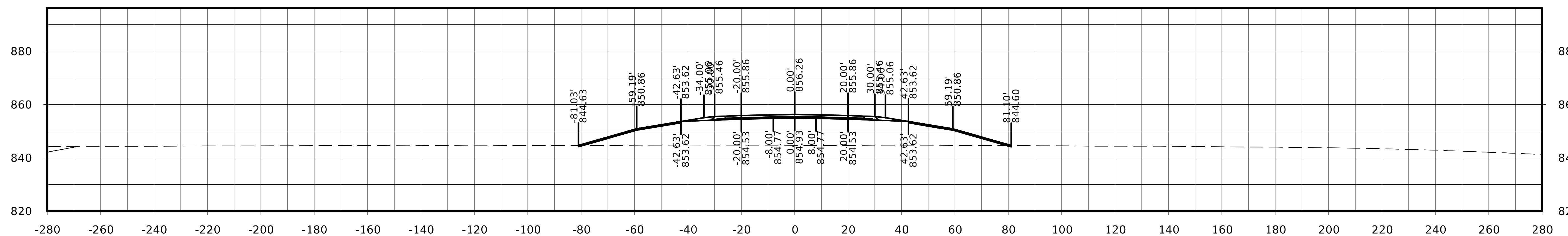


STA. 150+50.00

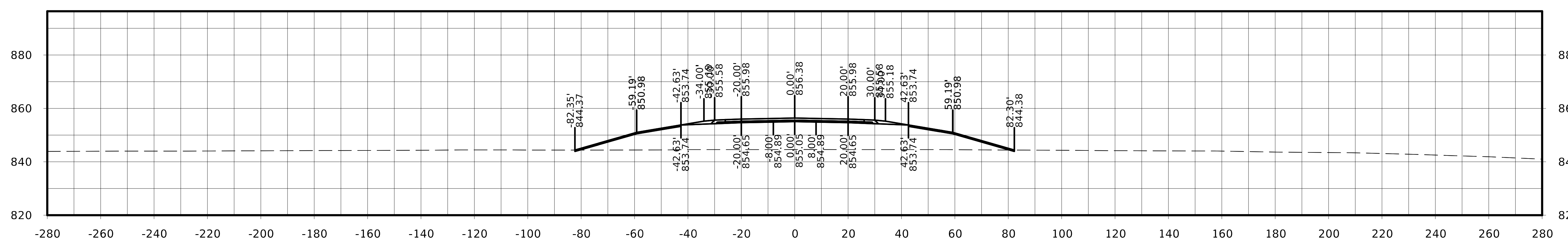
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.61



STA. 151+75.00



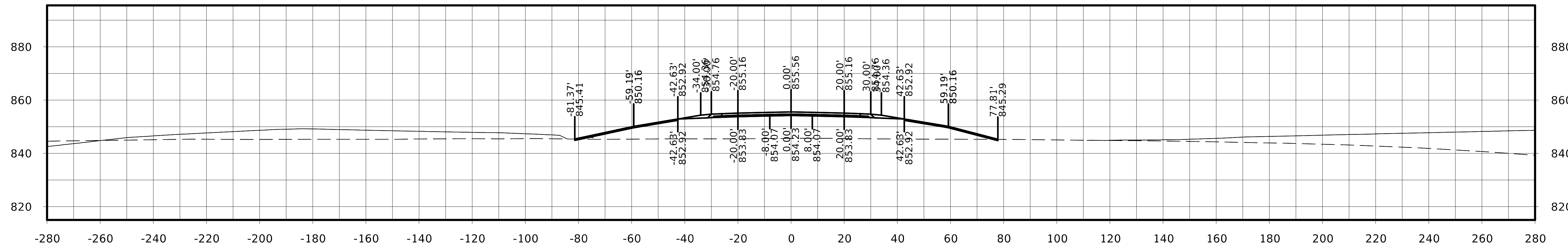
STA. 151+50.00



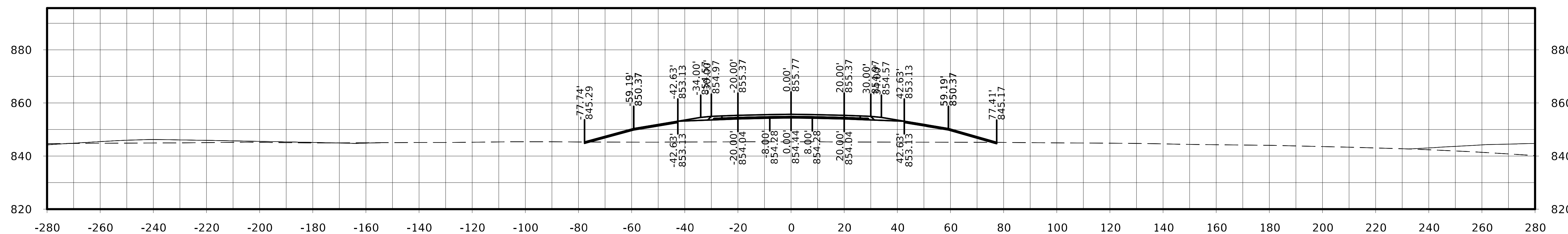
STA. 151+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.62

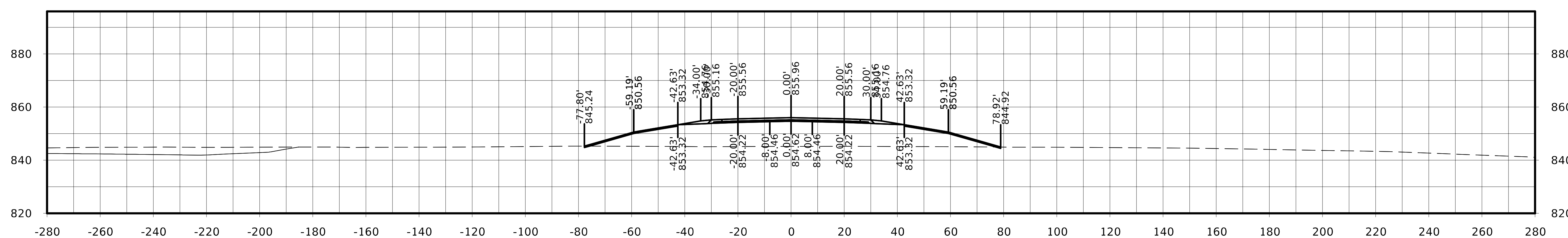
US 63



STA. 152+50.00



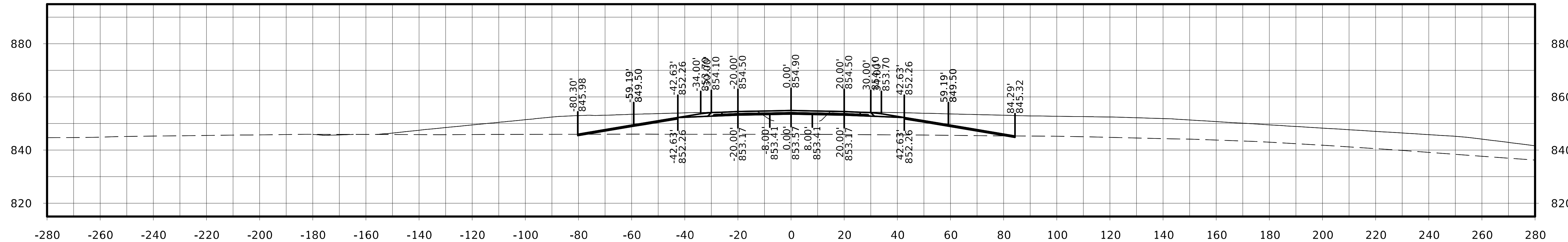
STA. 152+25.00



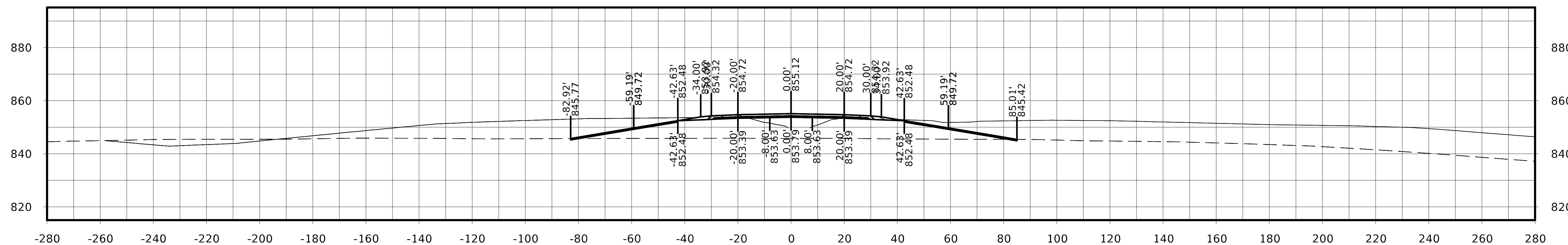
STA. 152+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.63

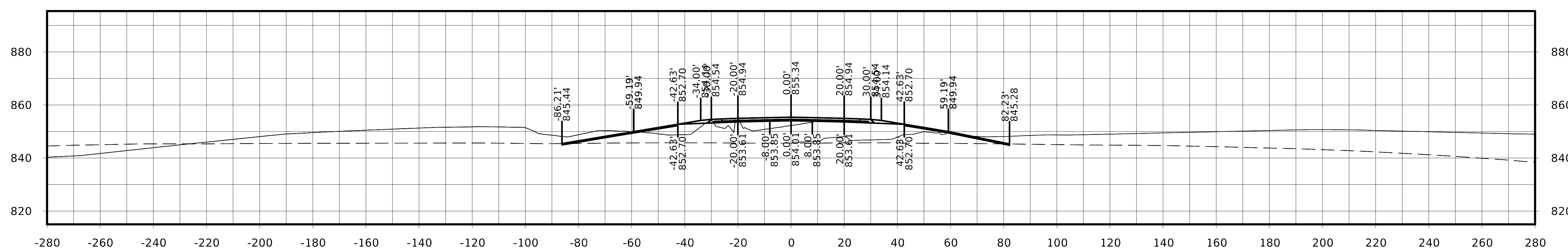
US 63



STA. 153+25.00



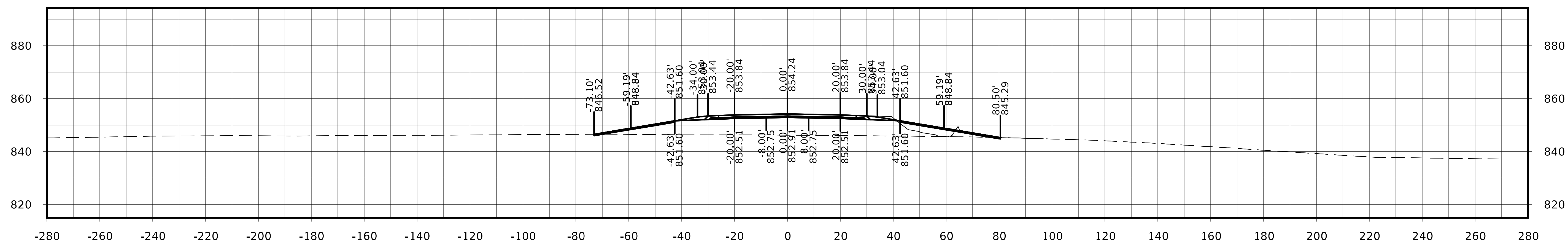
STA. 153+00.00

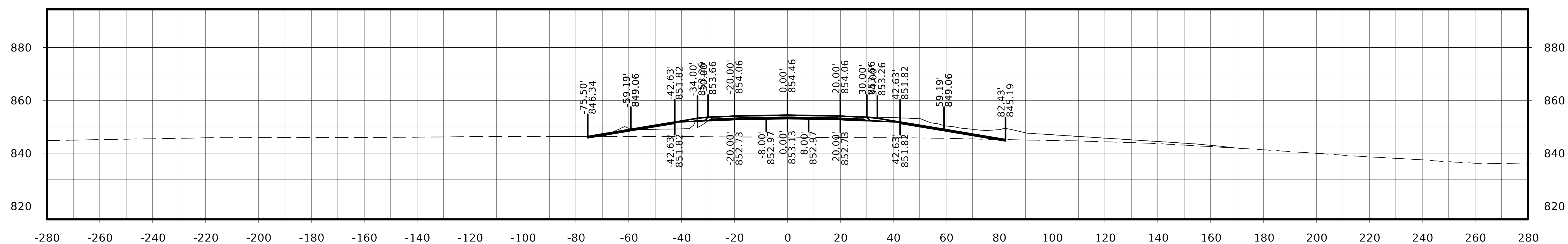


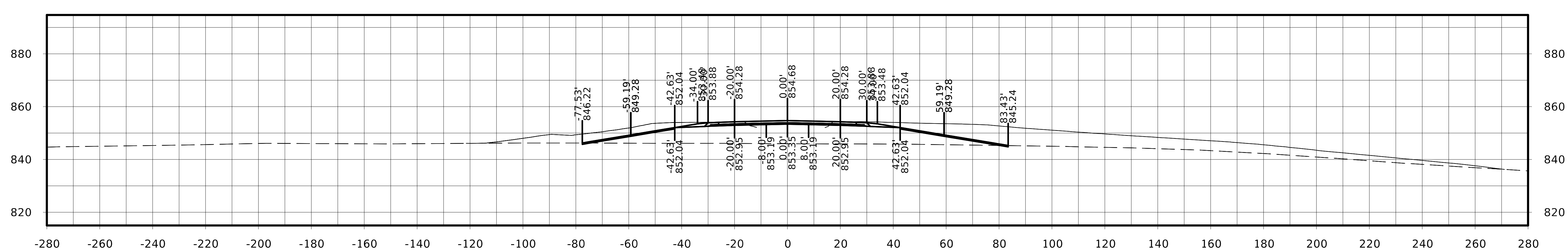
STA. 152+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.64

US 63

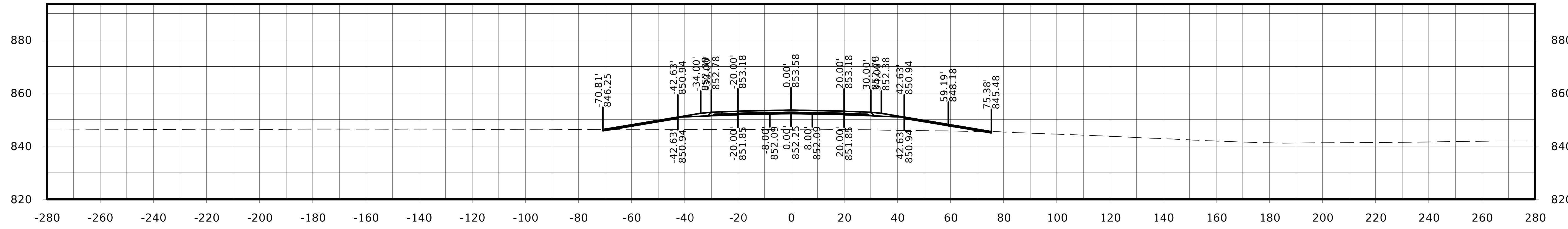




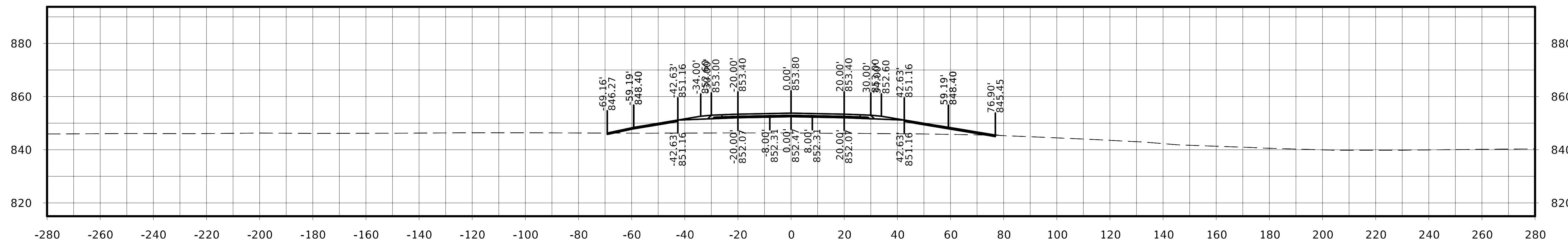


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.65

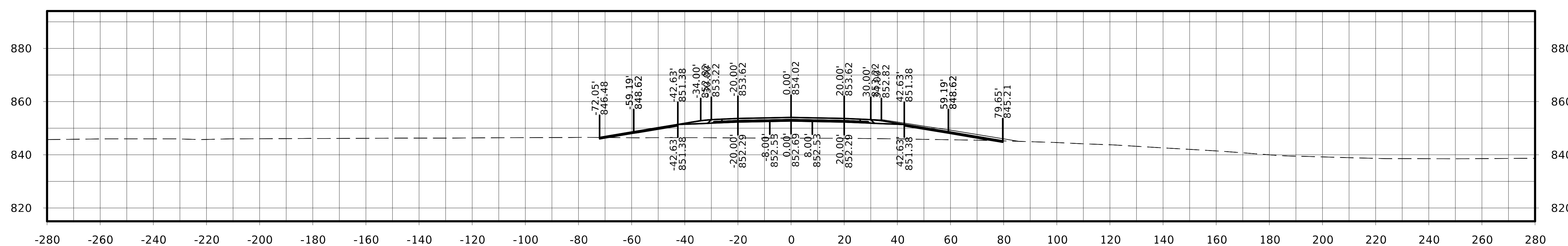
US 63



STA. 154+75.00



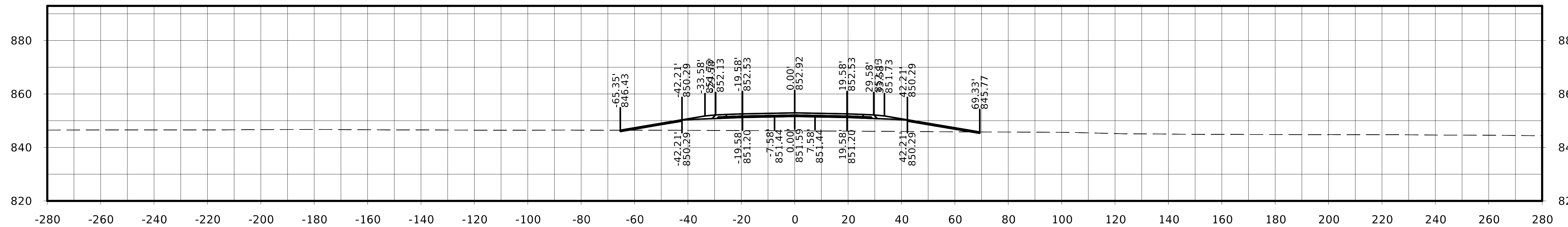
STA. 154+50.00



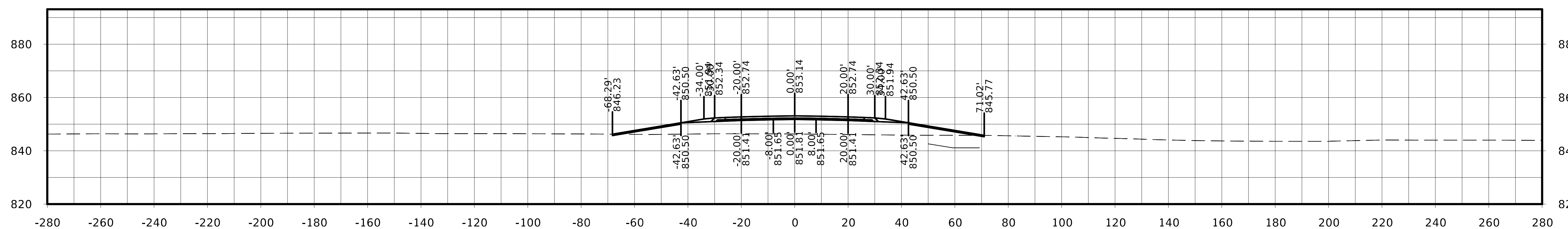
STA. 154+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.66

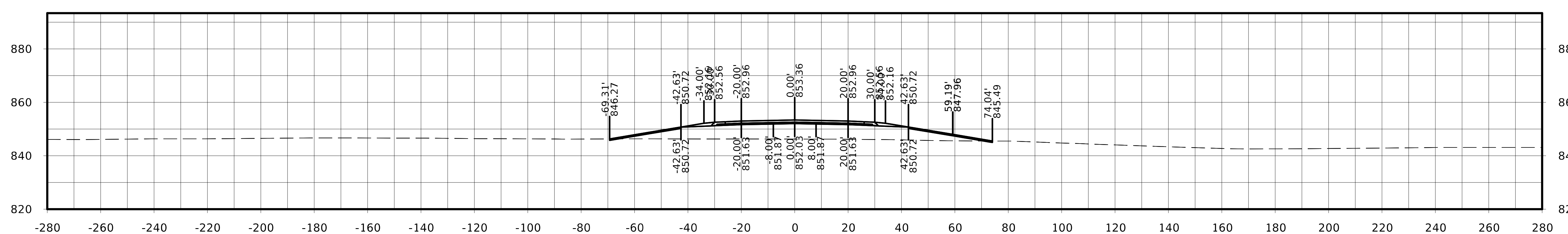
US 63



STA. 155+50.00



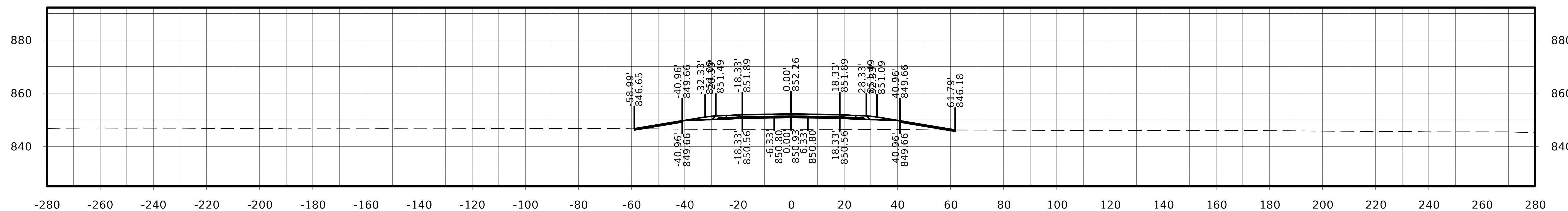
STA. 155+25.00



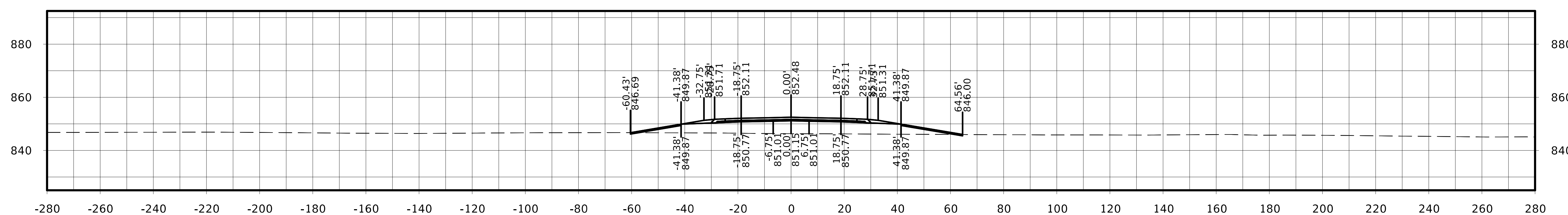
STA. 155+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.67

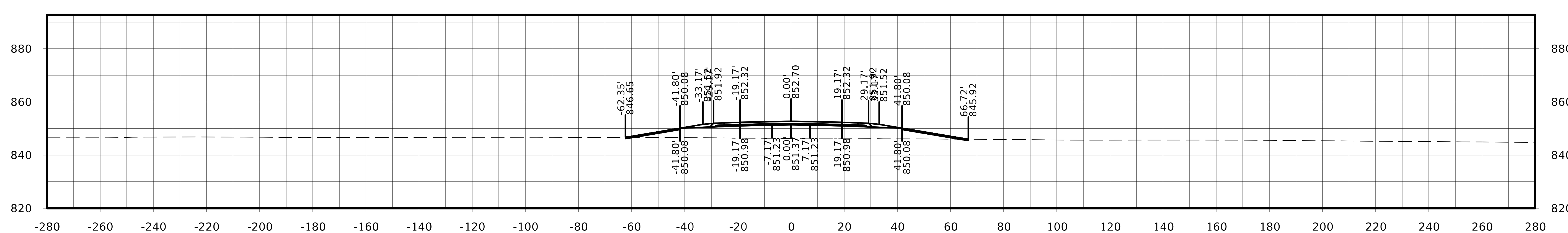
US 63



STA. 156+25.00

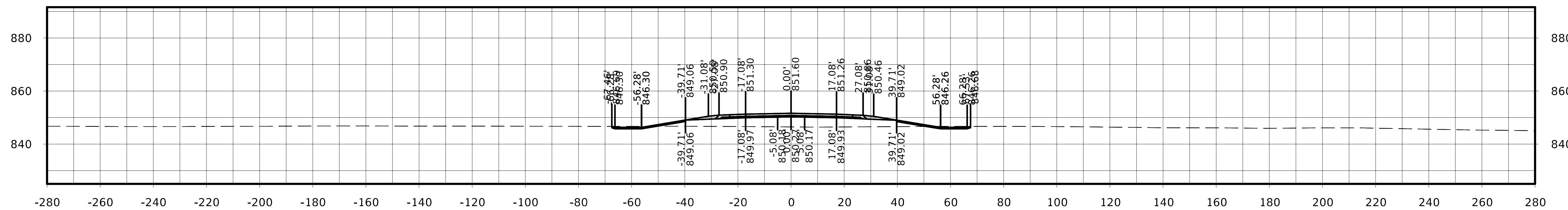


STA. 156+00.00

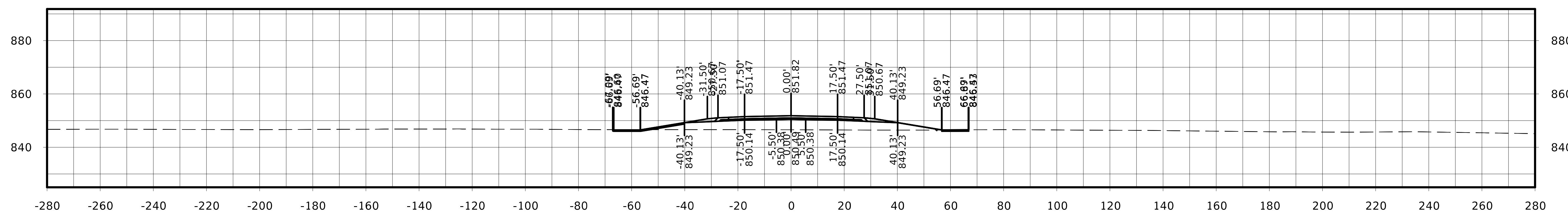


STA. 155+75.00

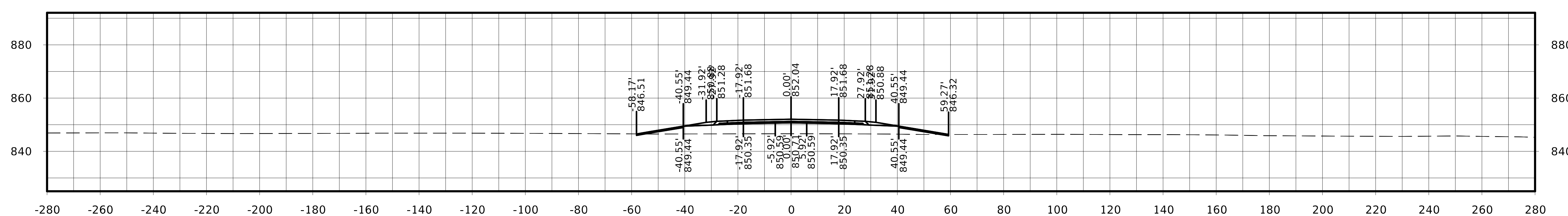
US 63



STA. 157+00.00

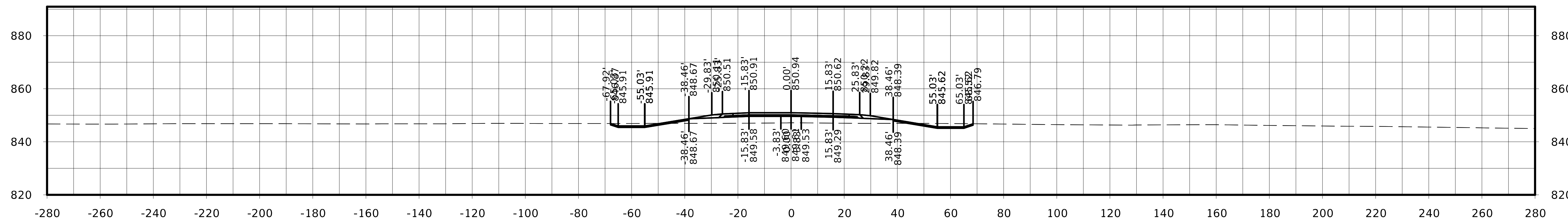


STA. 156+75.00

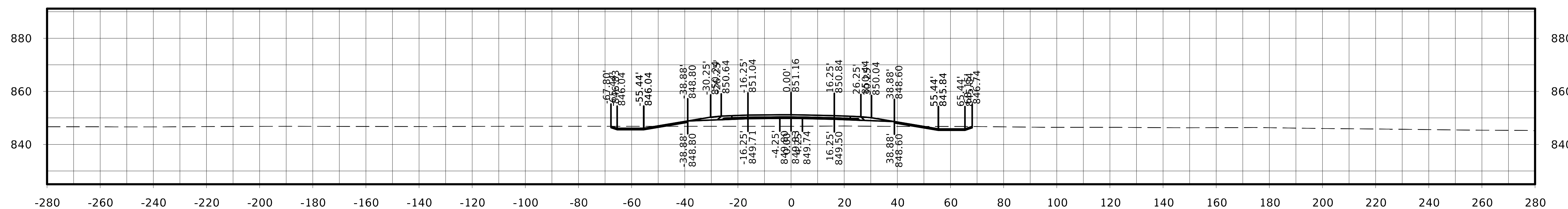


STA. 156+50.00

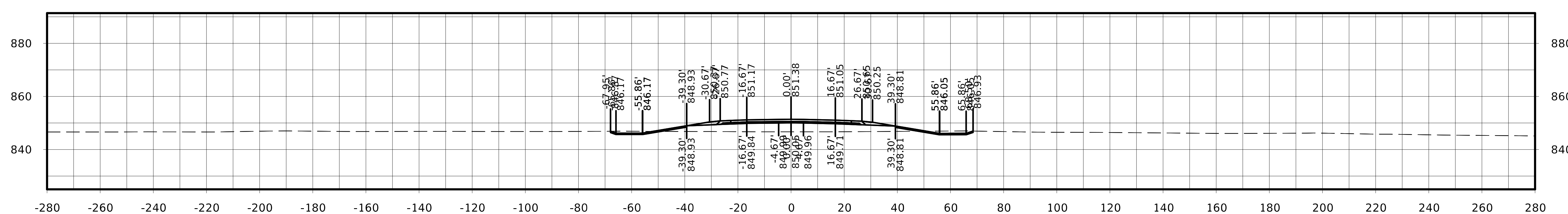
US 63



STA. 157+75.00

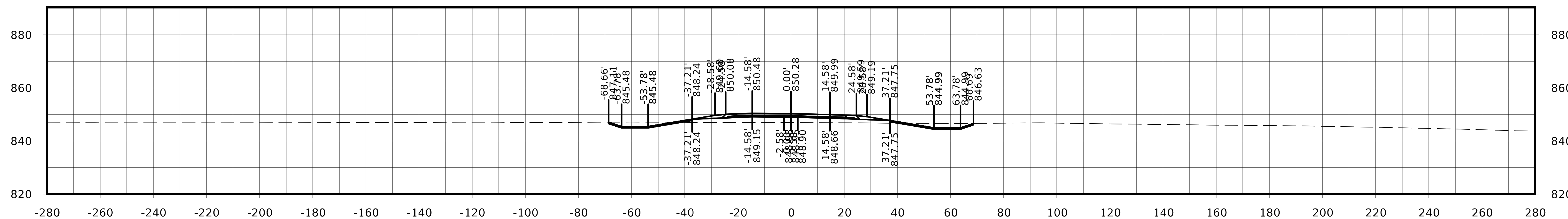


STA. 157+50.00

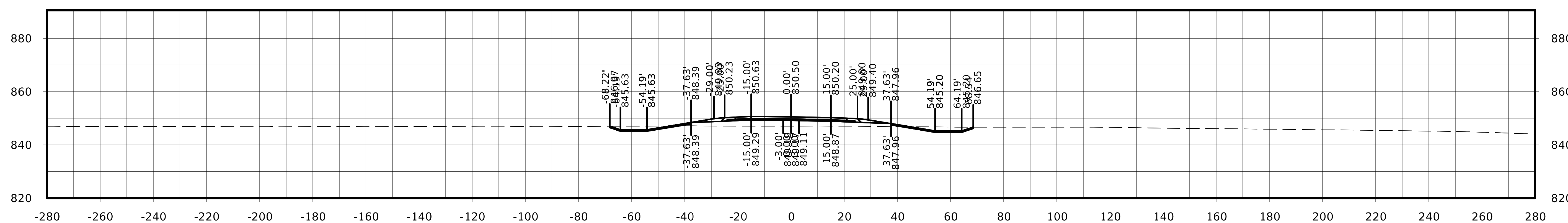


STA. 157+25.00

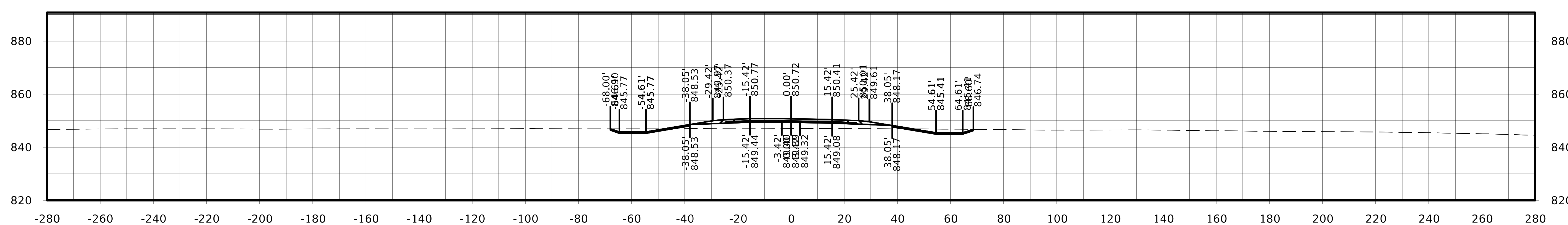
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.70



STA. 158+50.00

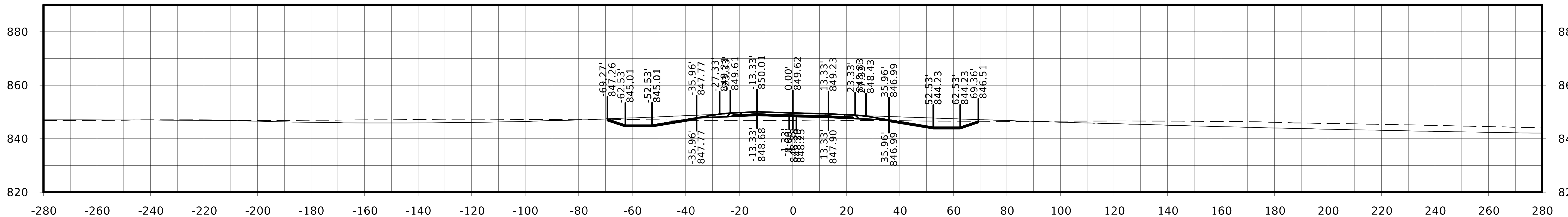


STA. 158+25.00

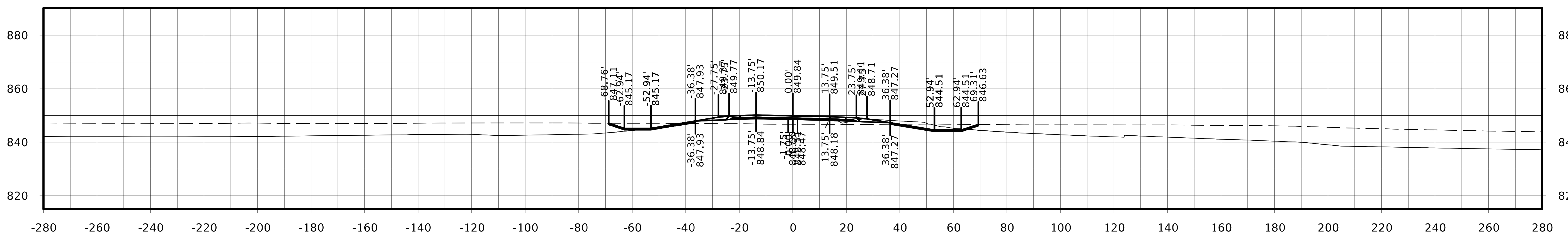


STA. 158+00.00

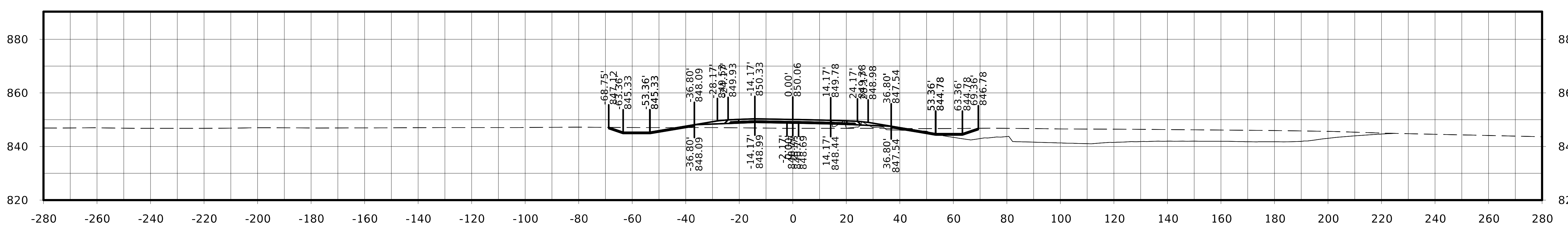
US 63



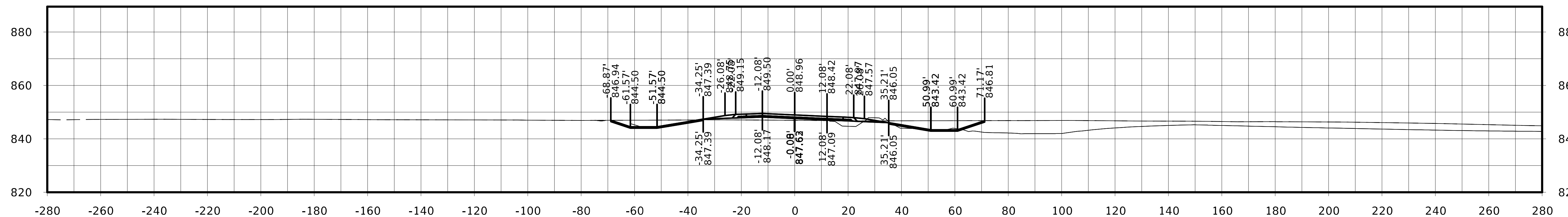
STA. 159+25.00



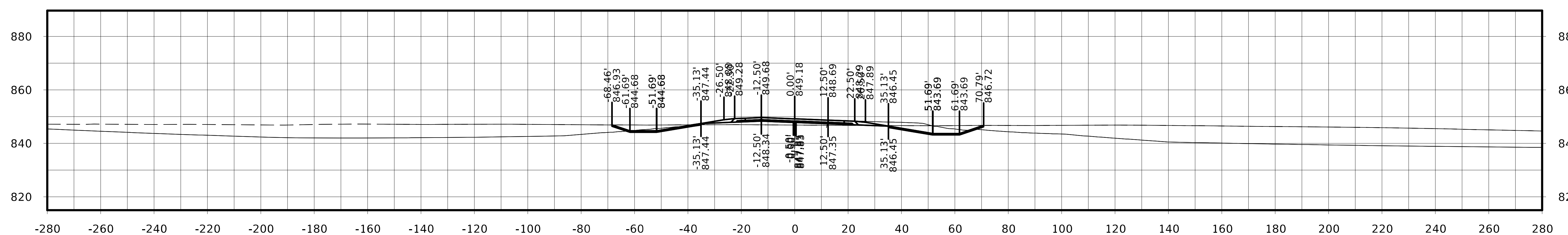
STA. 159+00.00



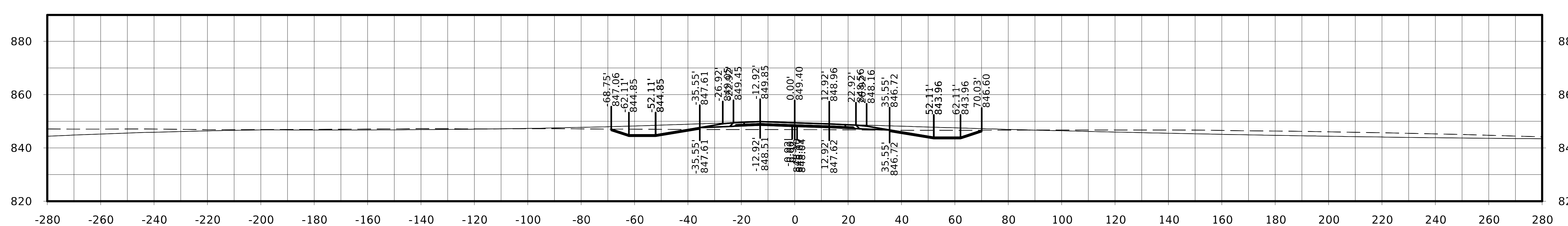
STA. 158+75.00



STA. 160+00.00

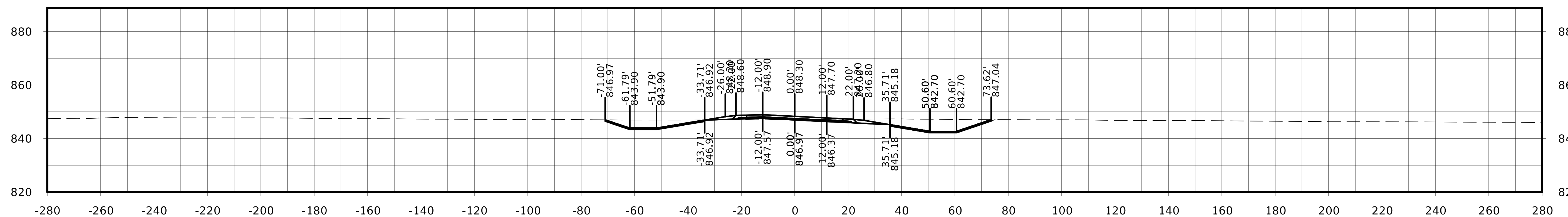


STA. 159+75.00

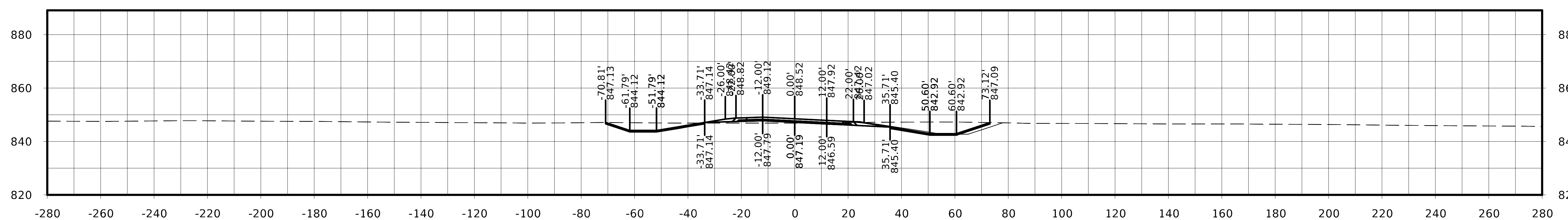


STA. 159+50.00

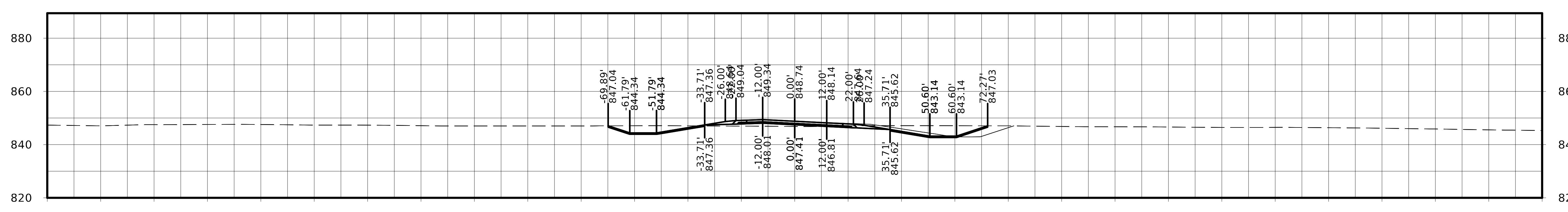
US 63



STA. 160+75.00



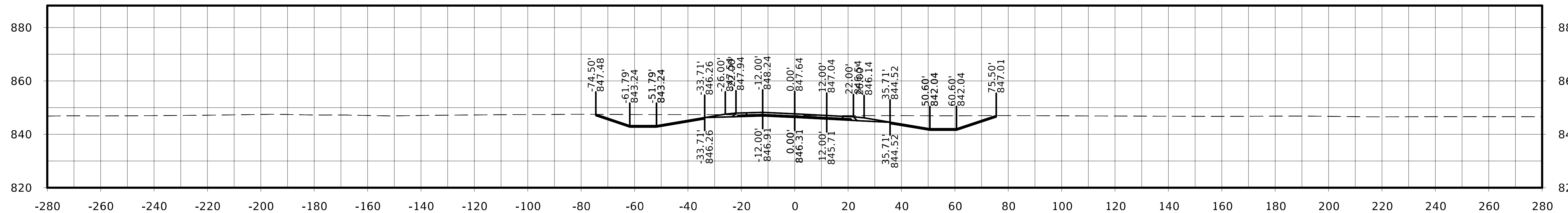
STA. 160+50.00



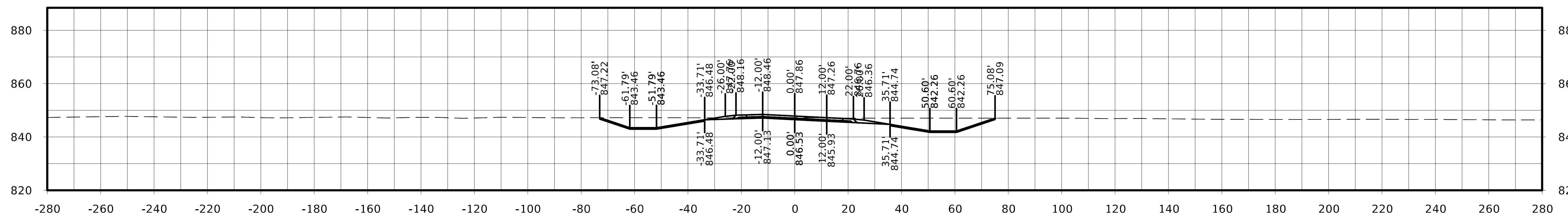
STA. 160+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.74

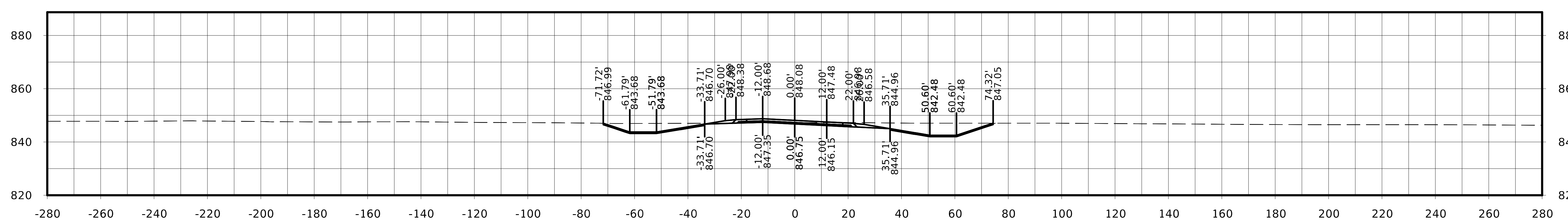
US 63



STA. 161+50.00

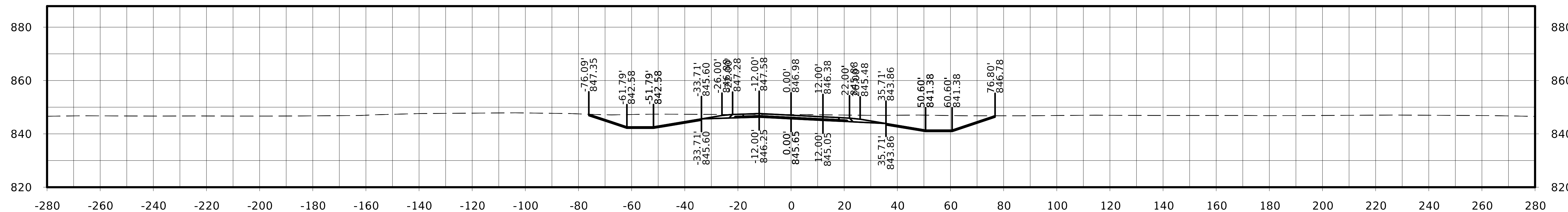


STA. 161+25.00

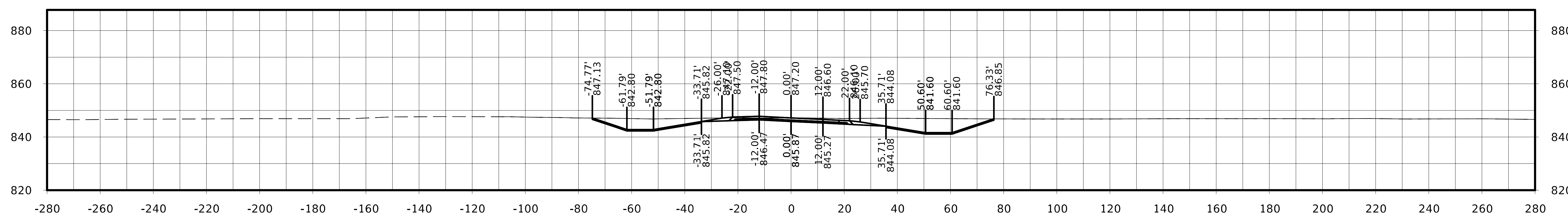


STA. 161+00.00

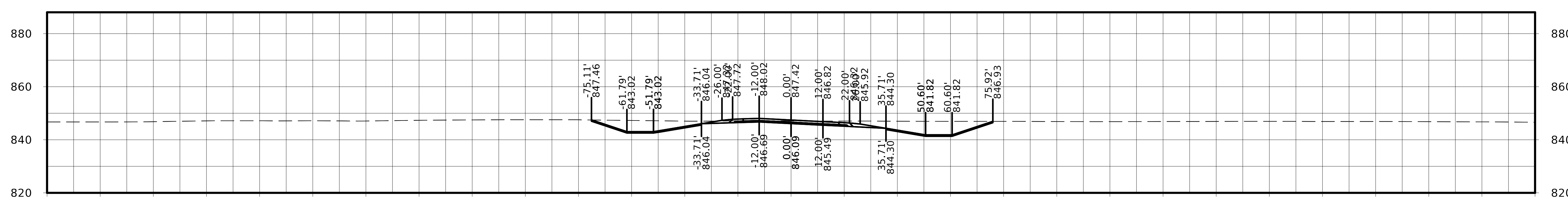
US 63



STA. 162+25.00



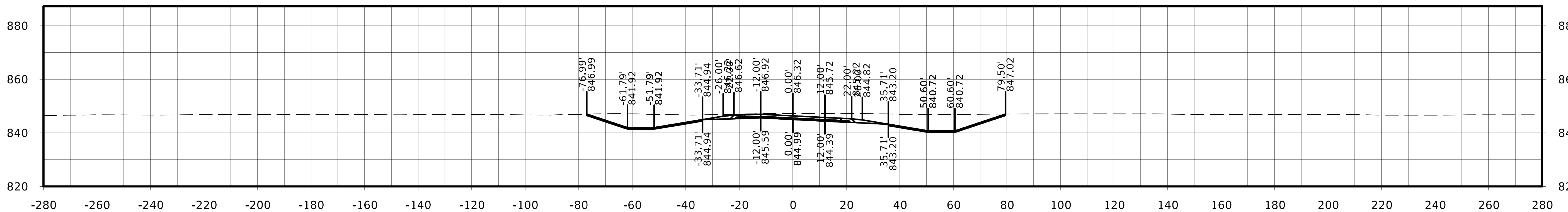
STA. 162+00.00



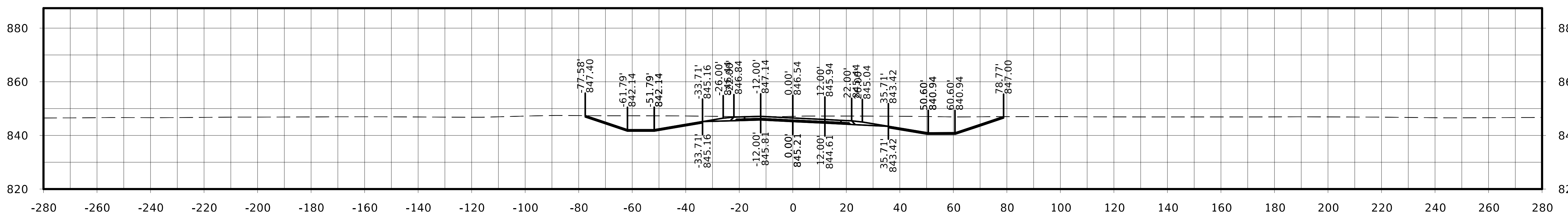
STA. 161+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.76

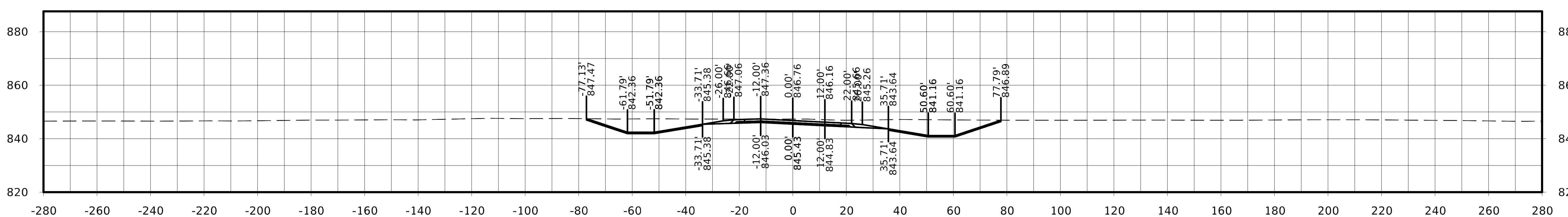
US 63



STA. 163+00.00



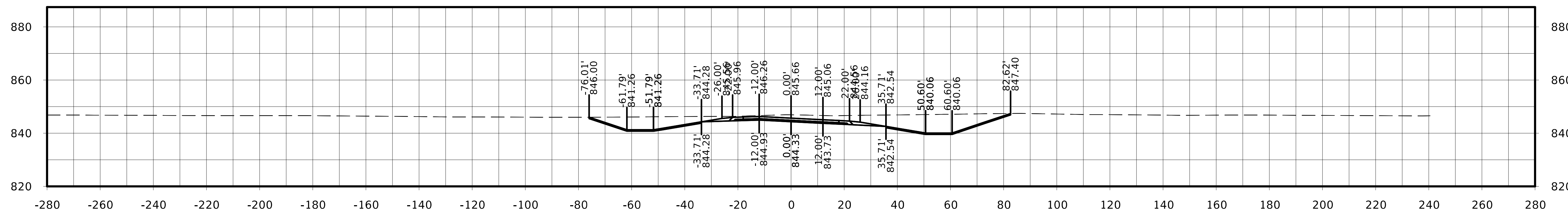
STA. 162+75.00



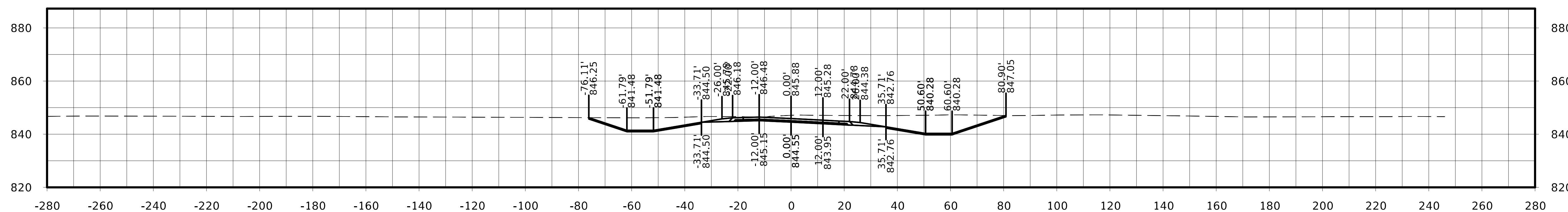
STA. 162+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.77

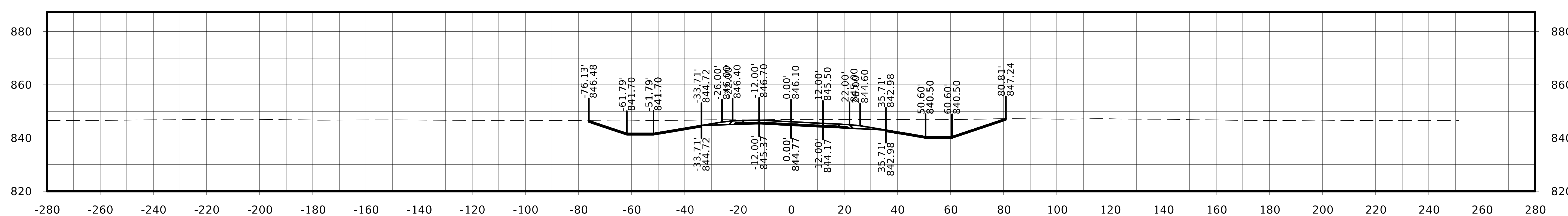
US 63



STA. 163+75.00

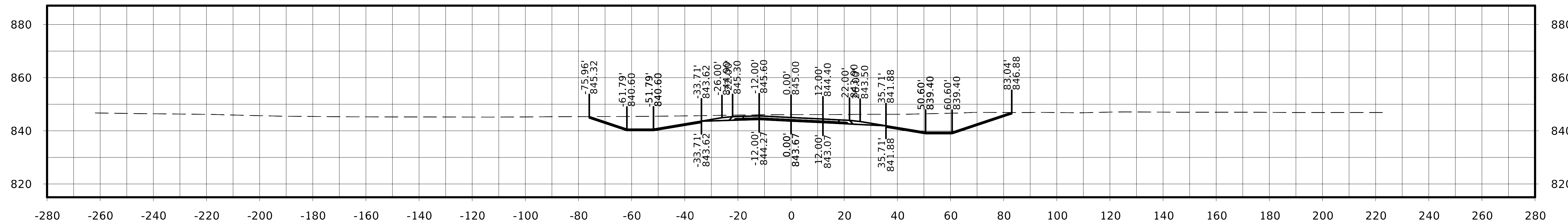


STA. 163+50.00

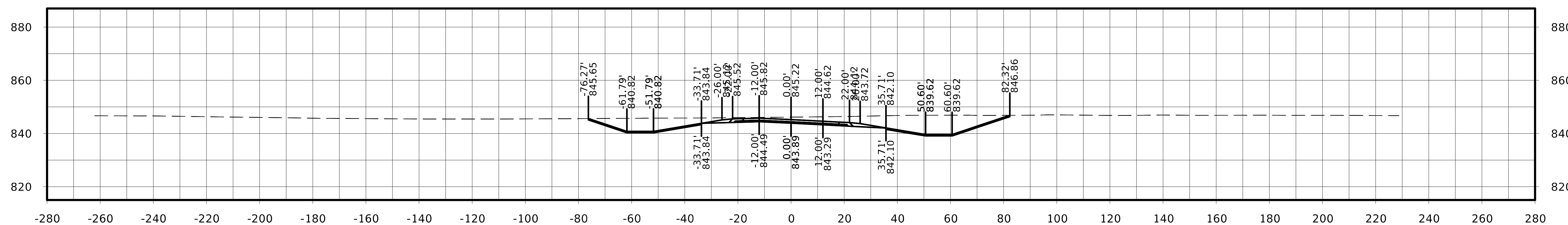


STA. 163+25.00

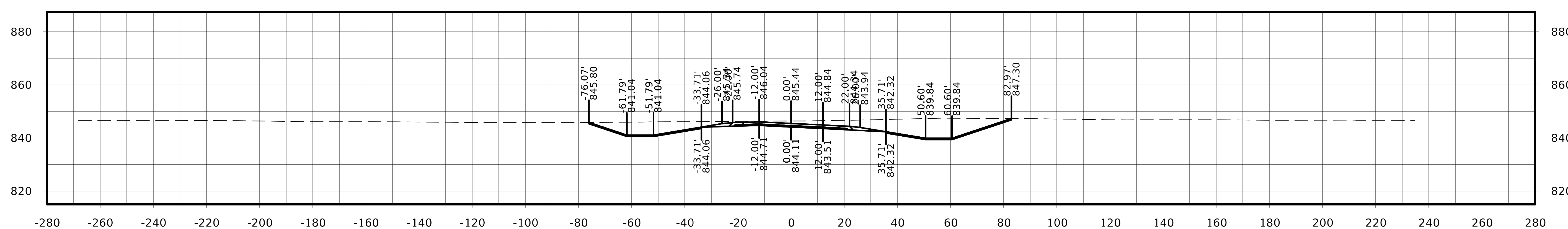
US 63



STA. 164+50.00



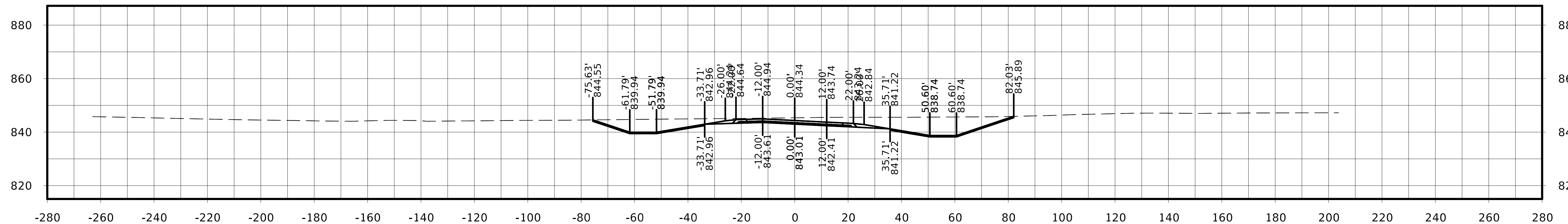
STA. 164+25.00



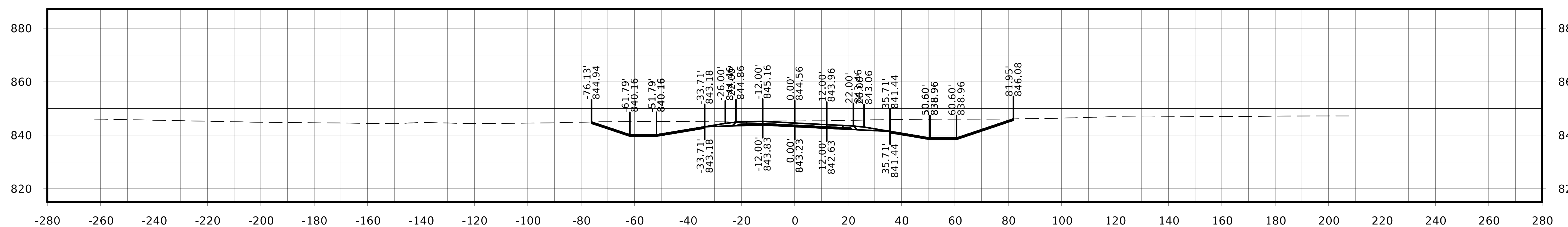
STA. 164+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.79

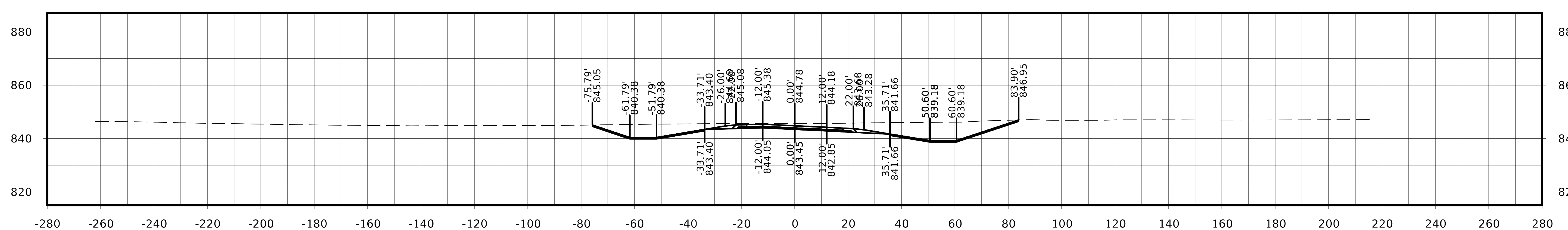
US 63



STA. 165+25.00

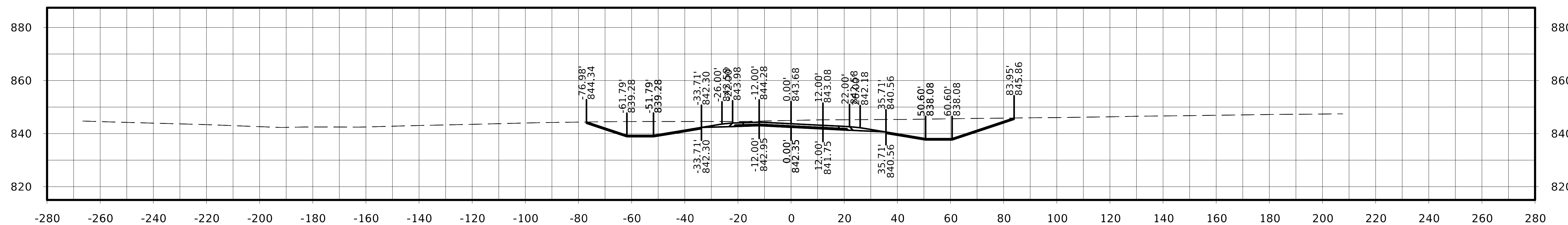


STA. 165+00.00

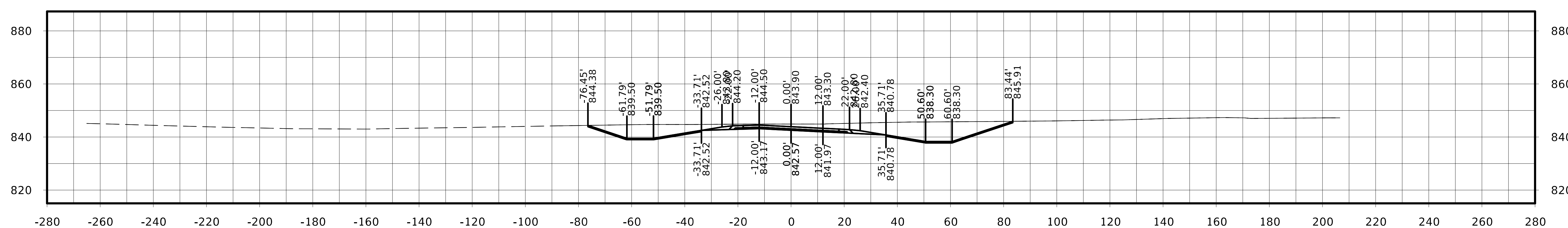


STA. 164+75.00

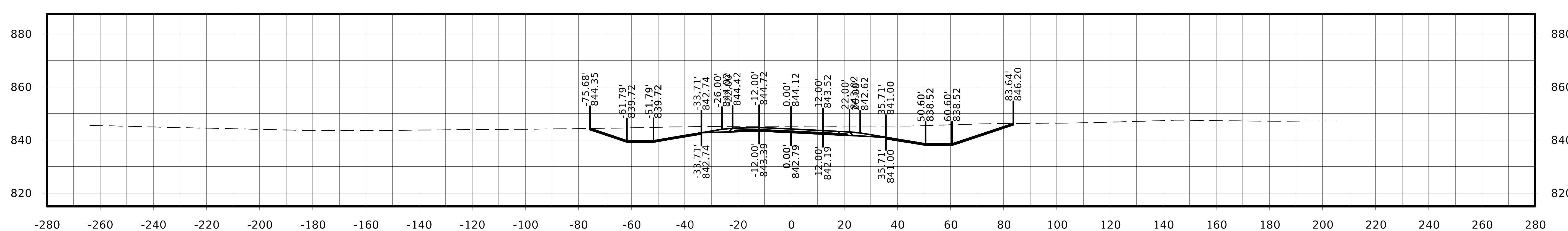
US 63



STA. 166+00.00



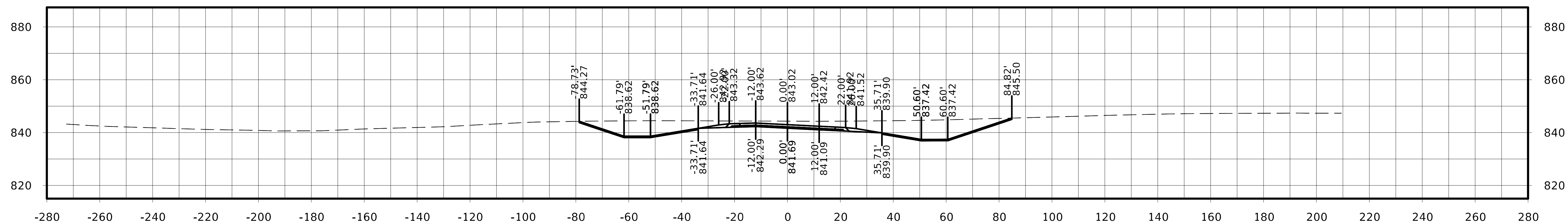
STA. 165+75.00



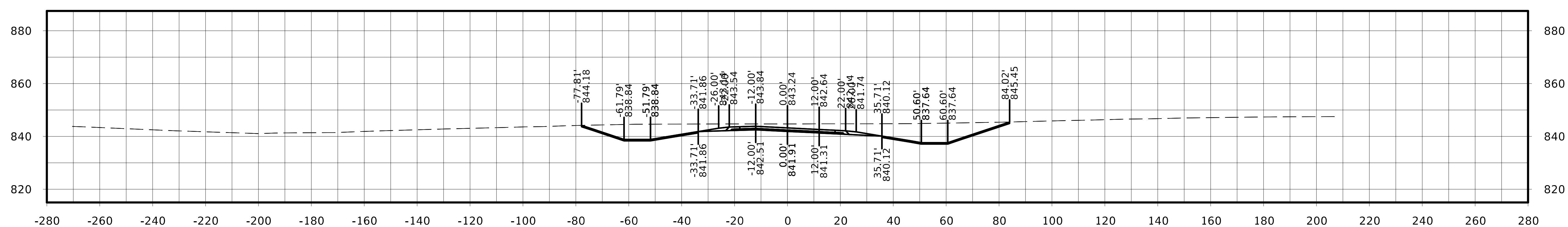
STA. 165+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.81

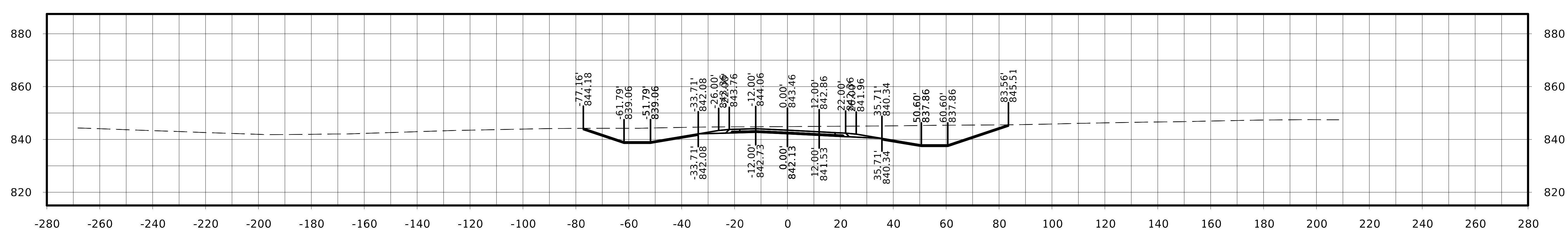
US 63



STA. 166+75.00

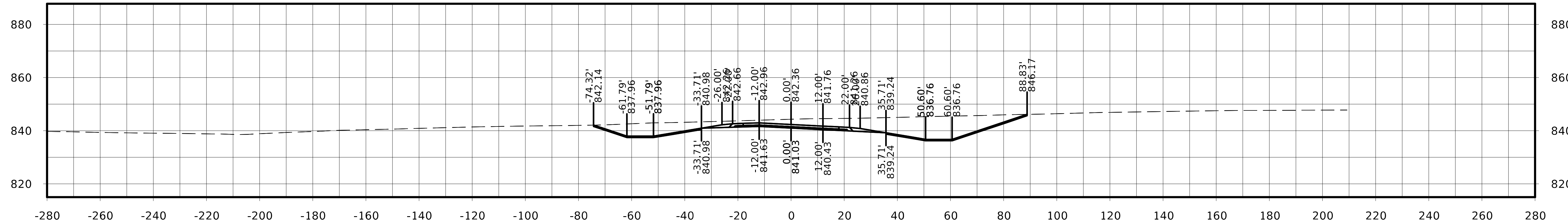


STA. 166+50.00

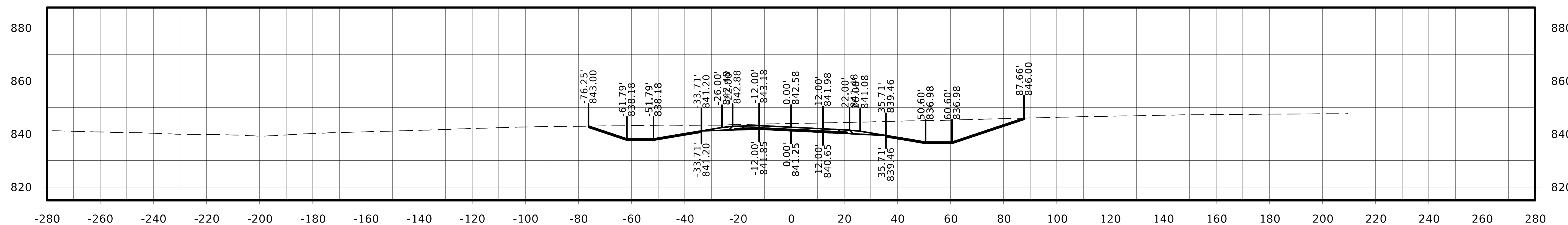


STA. 166+25.00

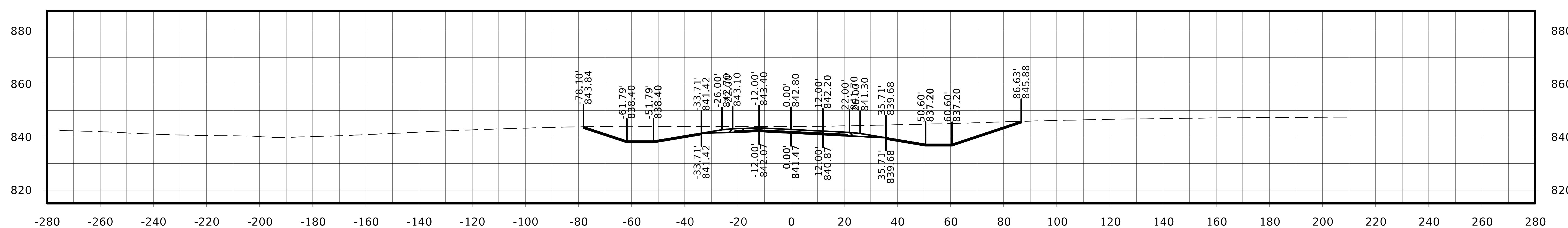
US 63



STA. 167+50.00

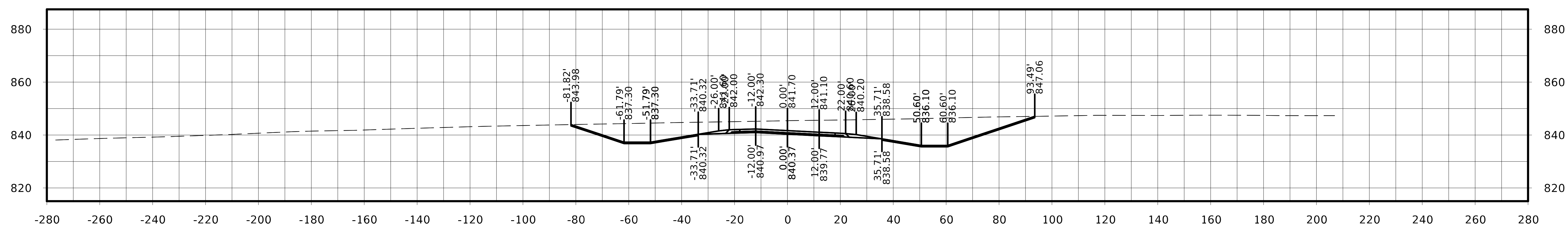


STA. 167+25.00

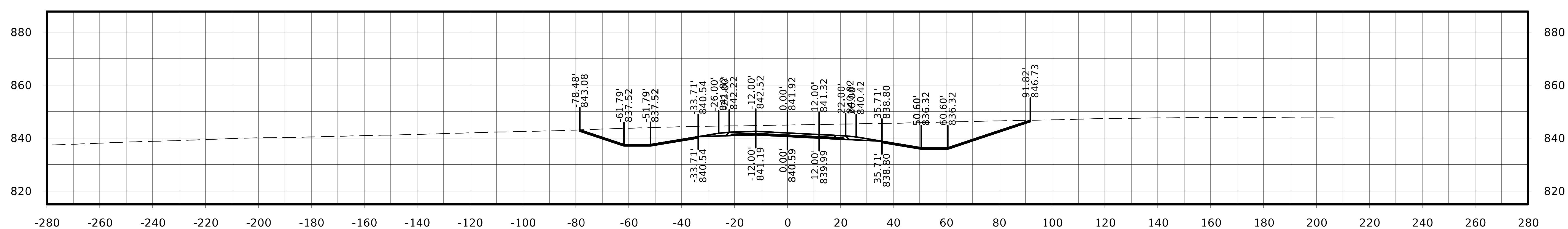


STA. 167+00.00

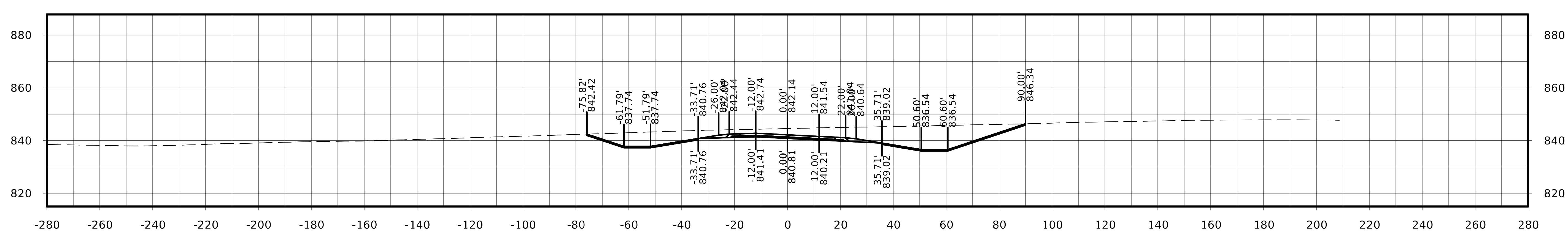
US 63



STA. 168+25.00

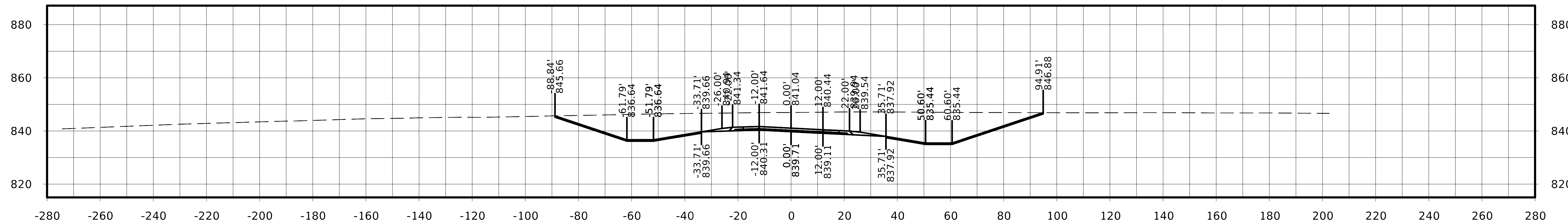


STA. 168+00.00

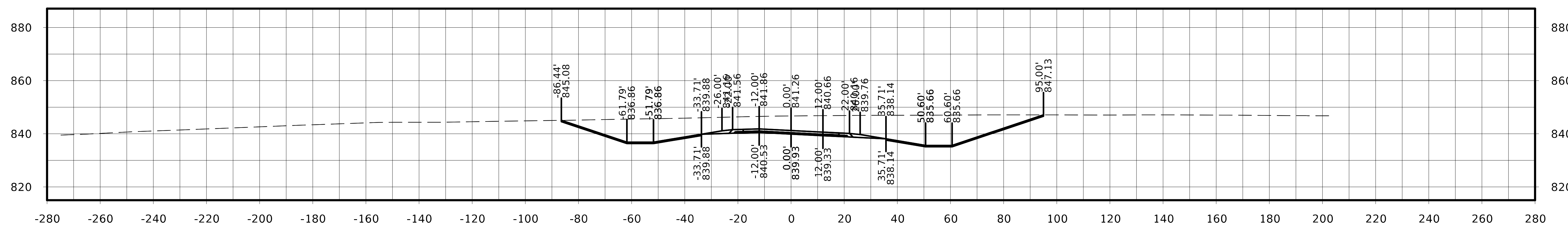


STA. 167+75.00

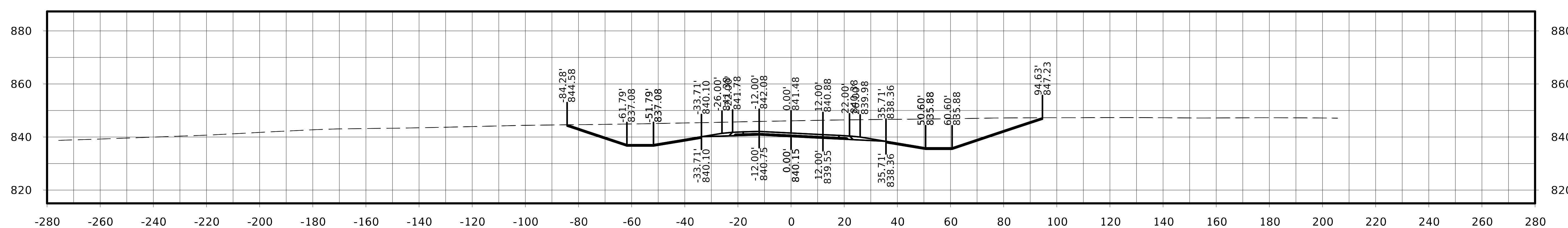
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.84



STA. 169+00.00



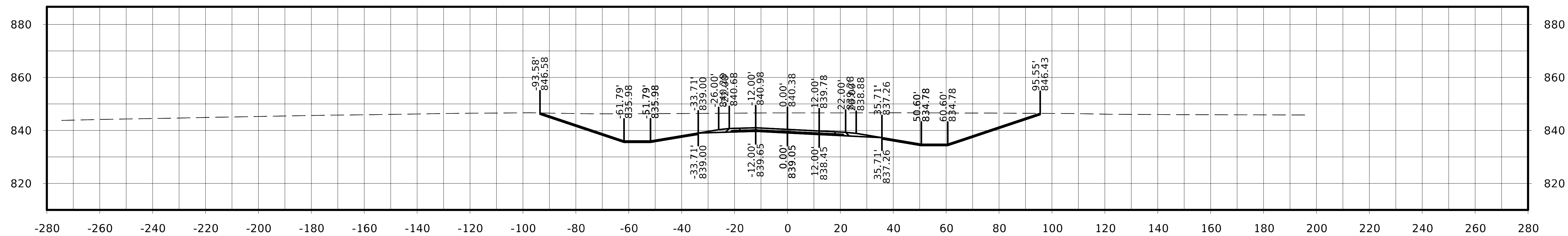
STA. 168+75.00



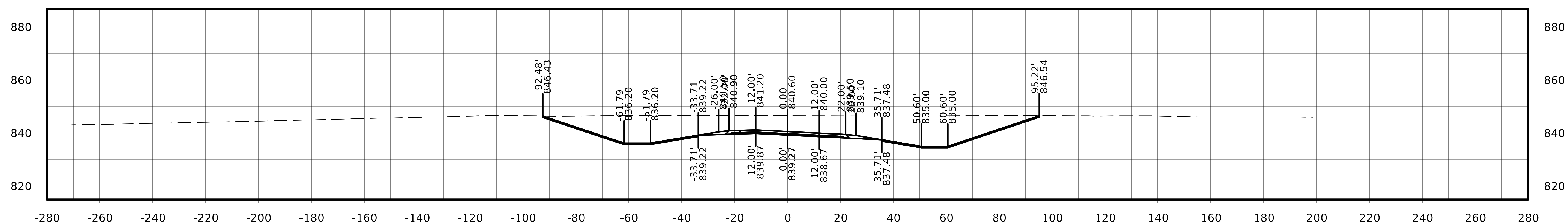
STA. 168+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.85

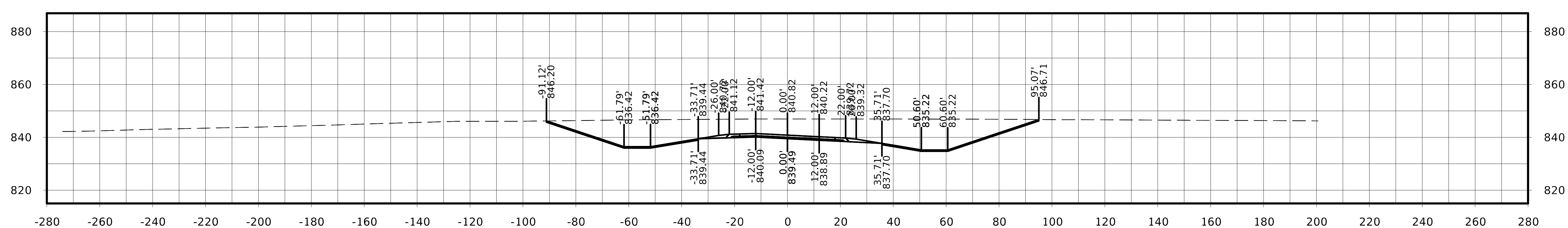
US 63



STA. 169+75.00



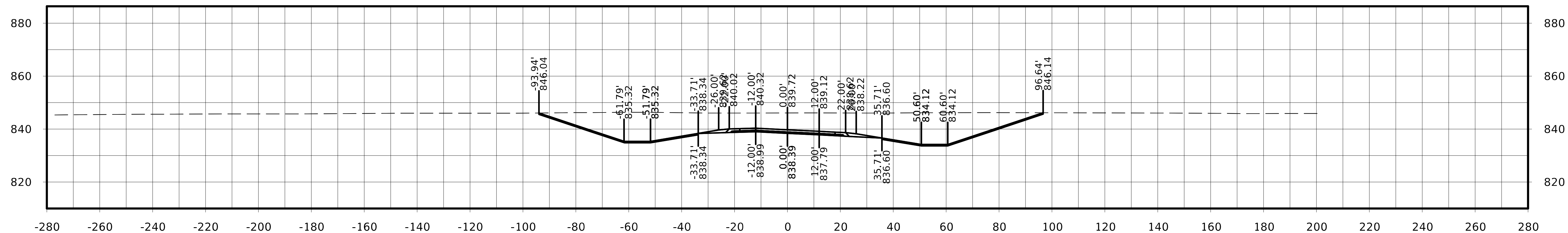
STA. 169+50.00



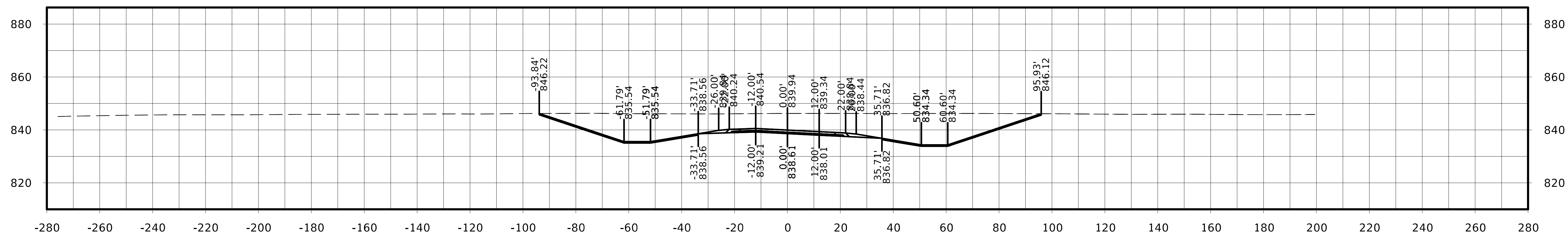
STA. 169+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA	COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER	W.86

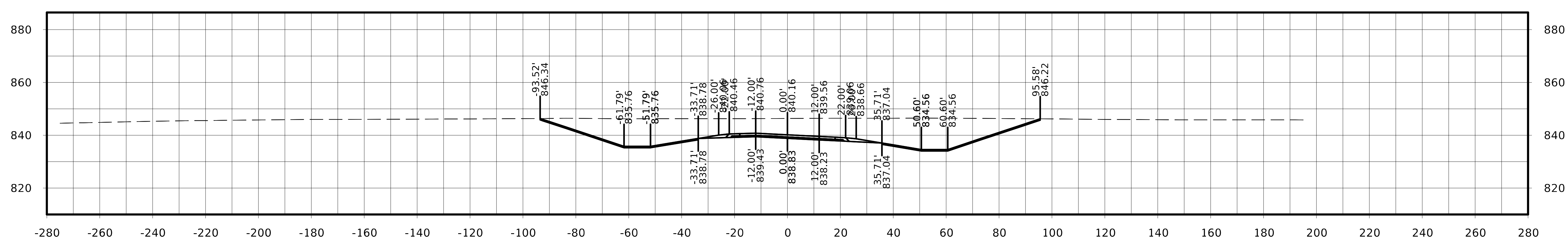
US 63



STA. 170+50.00



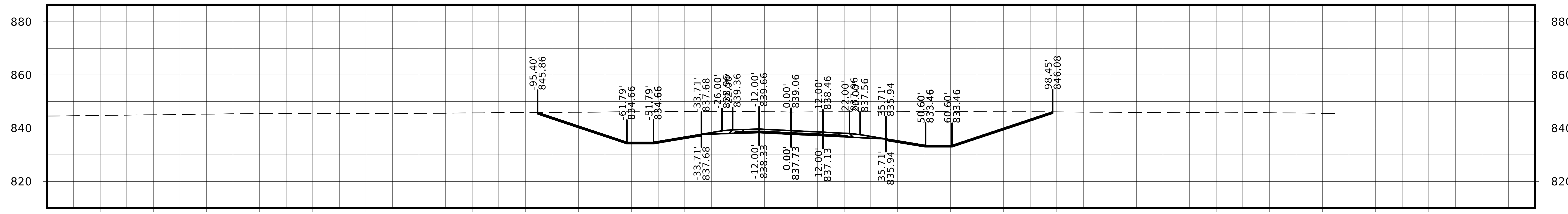
STA. 170+25.00



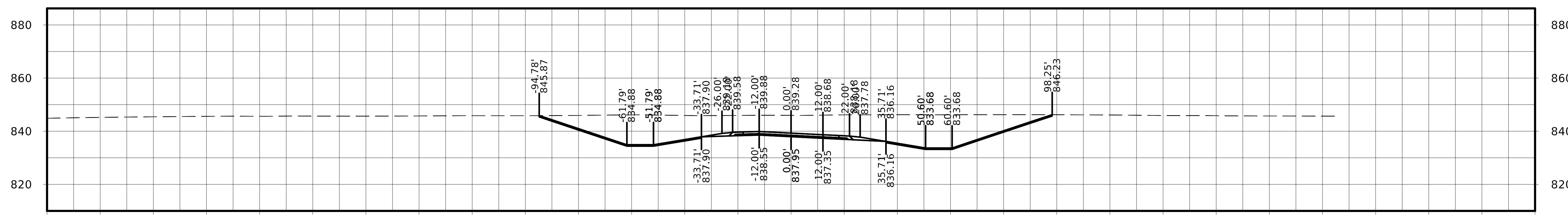
STA. 170+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.87

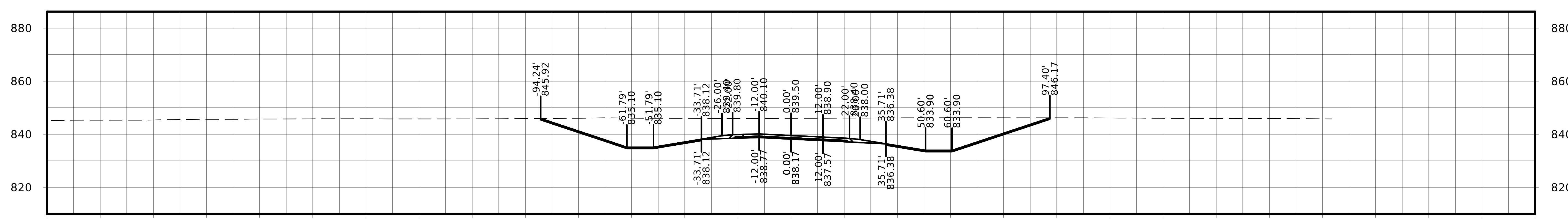
US 63



STA. 171+25.00



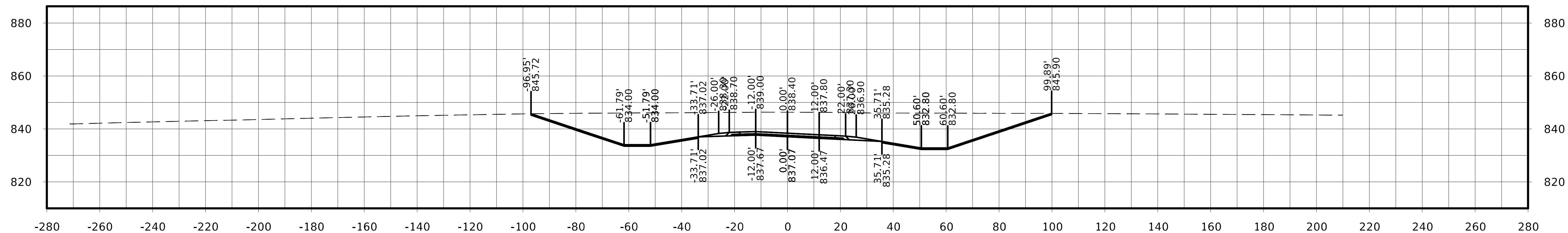
STA. 171+00.00



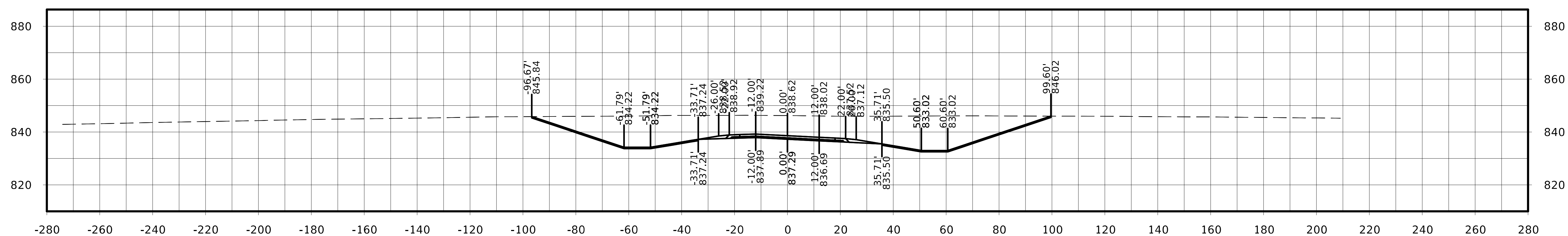
STA. 170+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.88

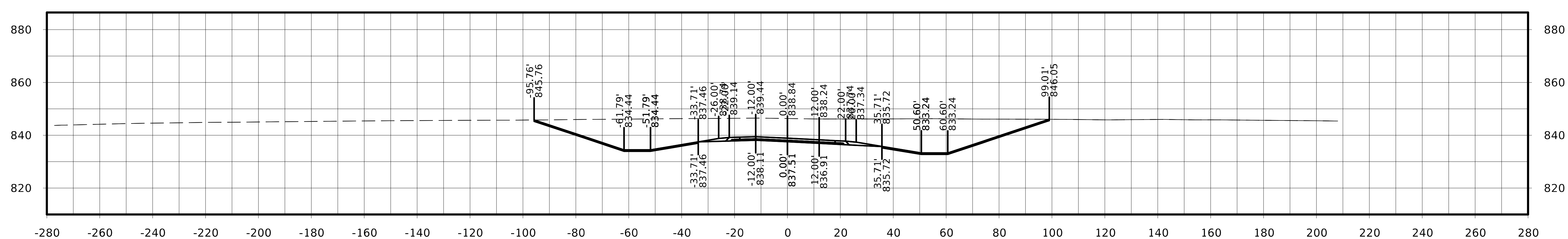
US 63



STA. 172+00.00



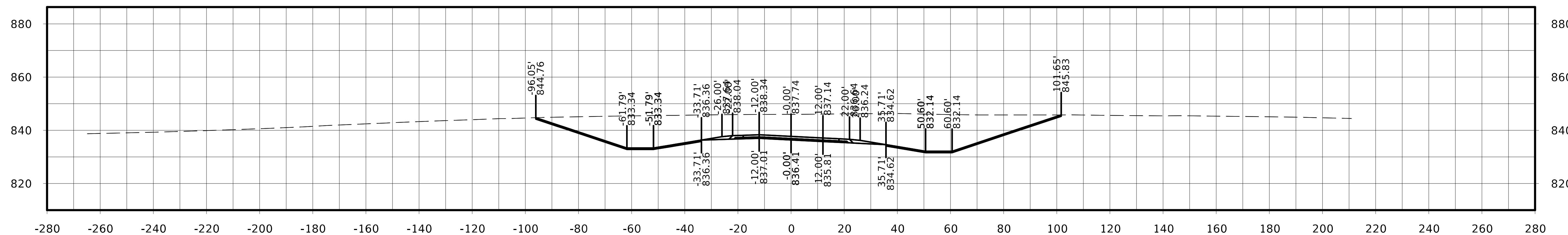
STA. 171+75.00



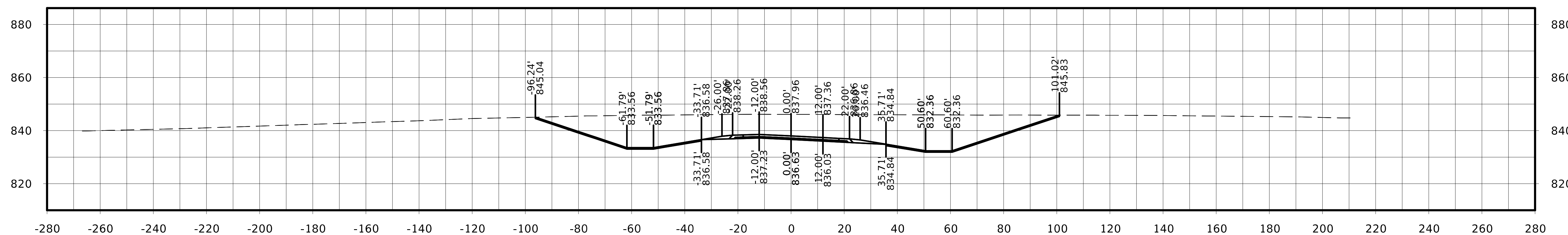
STA. 171+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.89

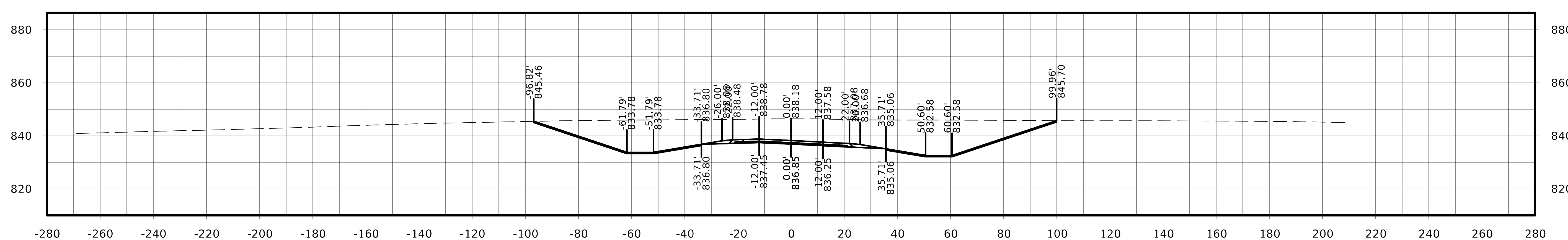
US 63



STA. 172+75.00

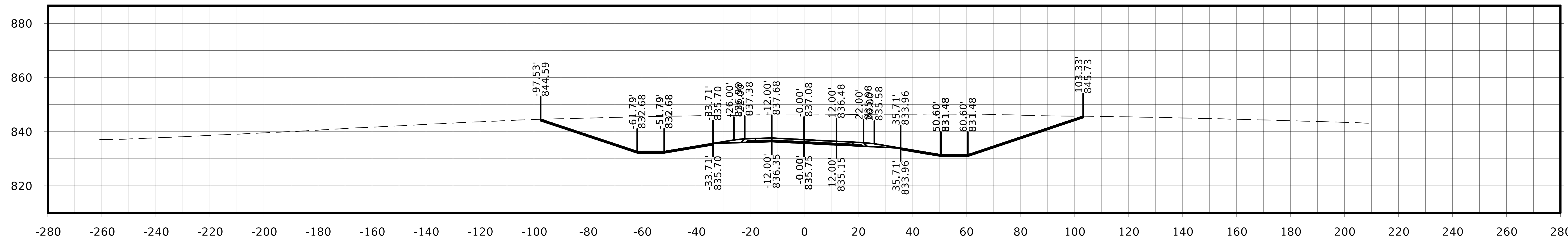


STA. 172+50.00

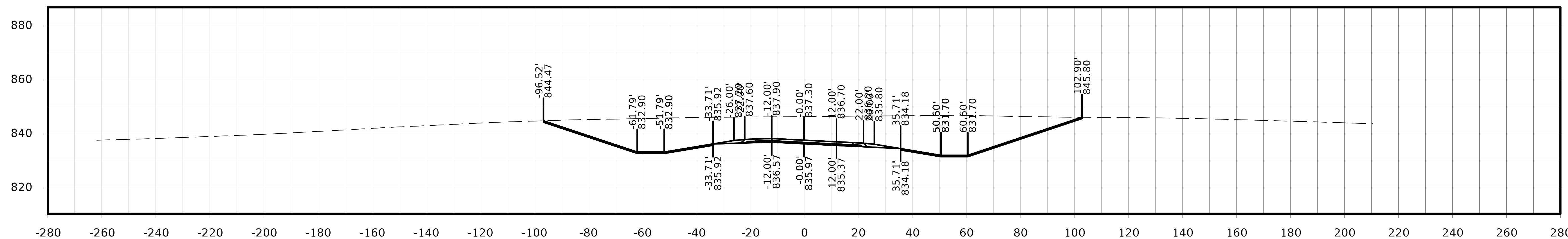


STA. 172+25.00

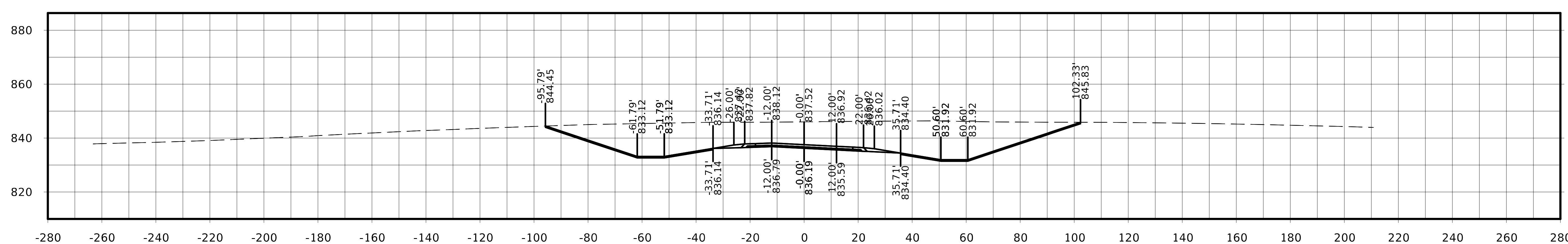
US 63



STA. 173+50.00

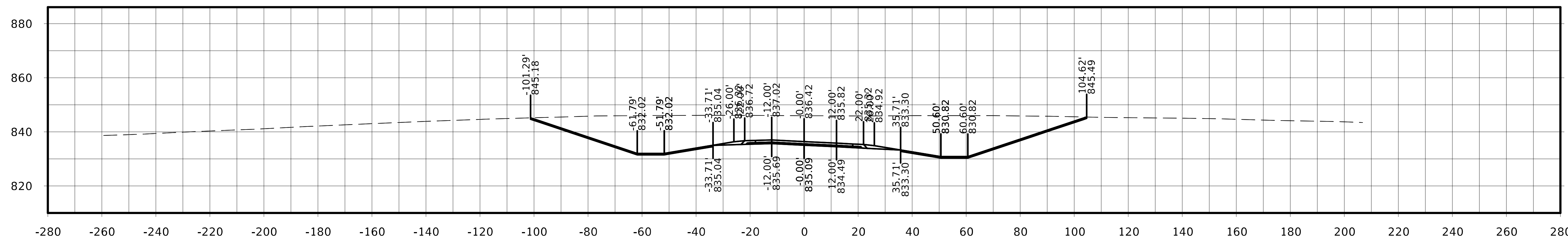


STA. 173+25.00

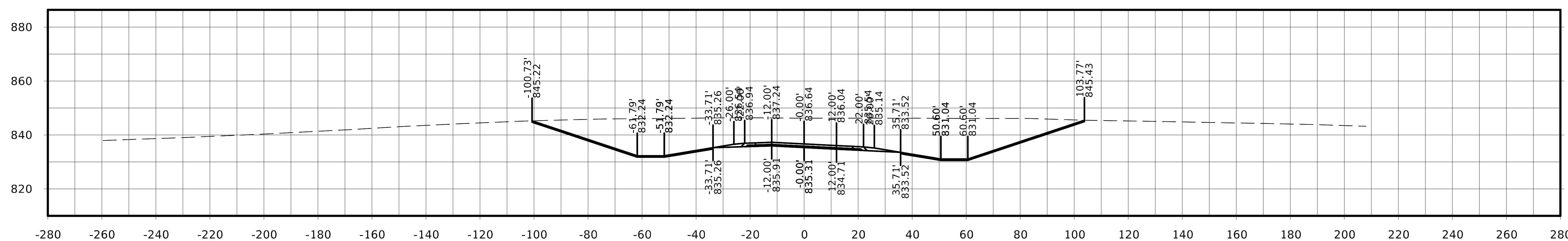


STA. 173+00.00

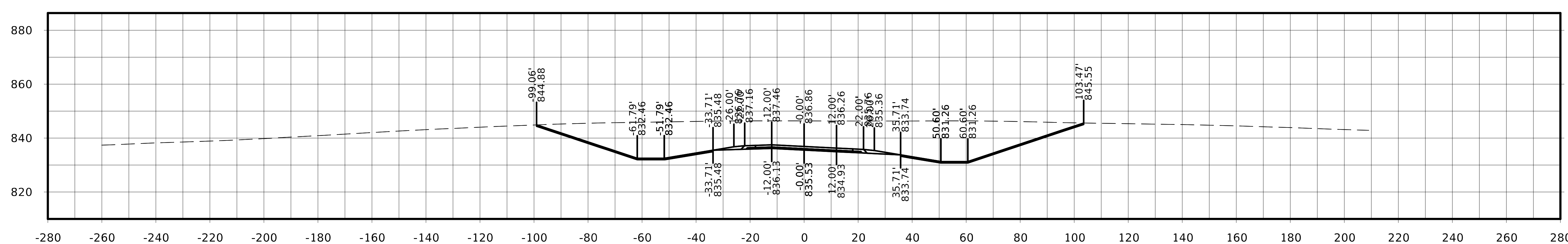
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.91



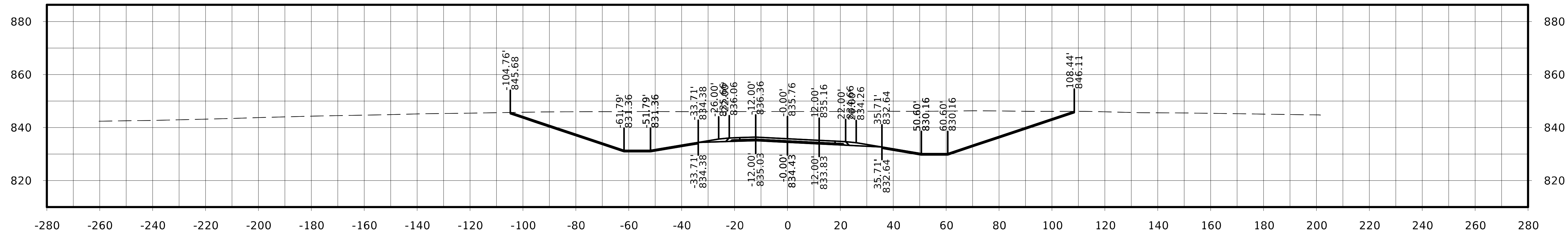
STA. 174+25.00



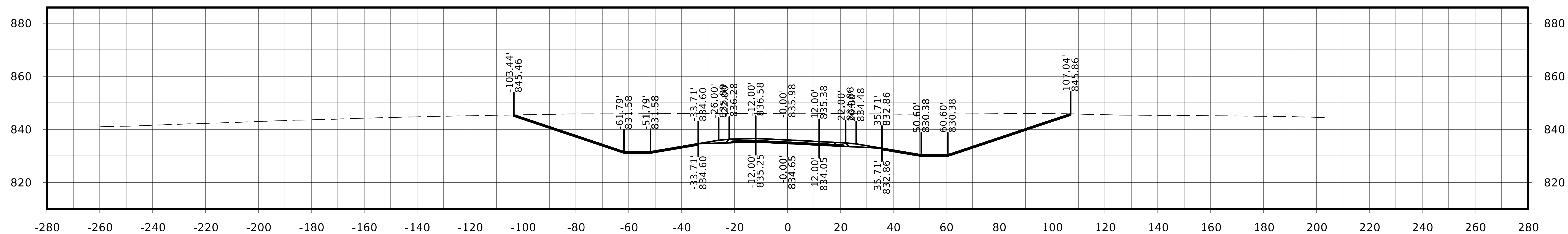
STA. 174+00.00



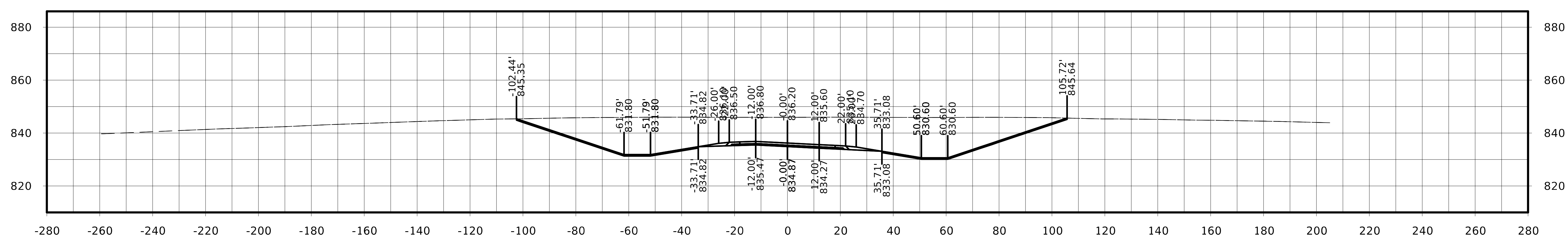
STA. 173+75.00



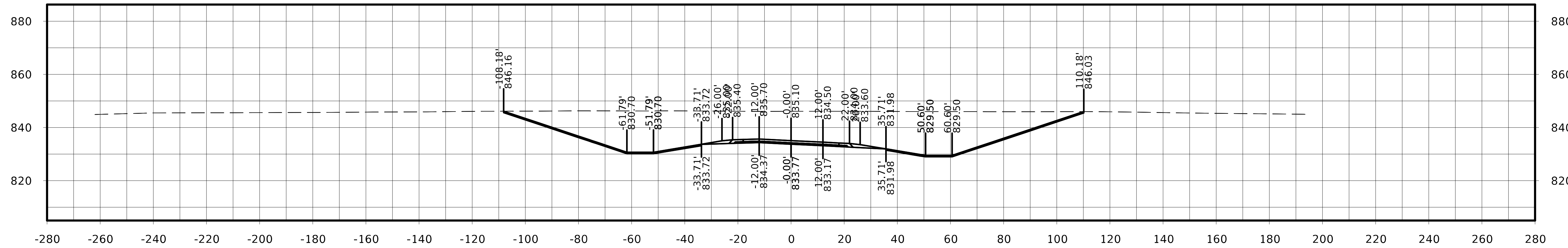
STA. 175+00.00



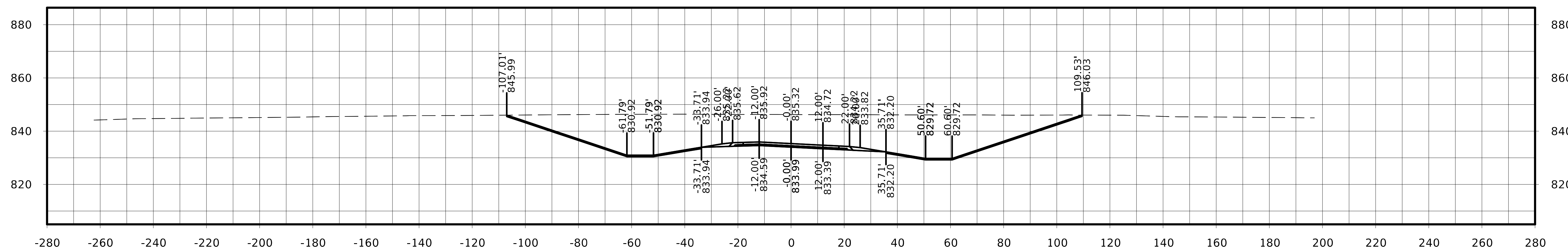
STA. 174+75.00



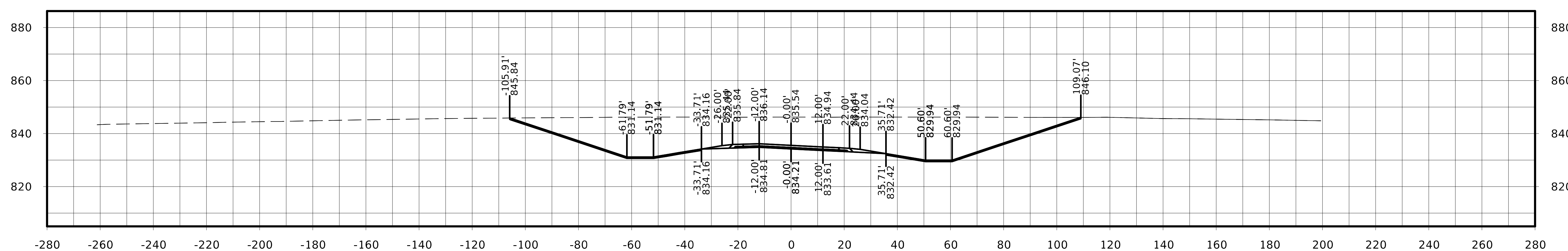
STA. 174+50.00



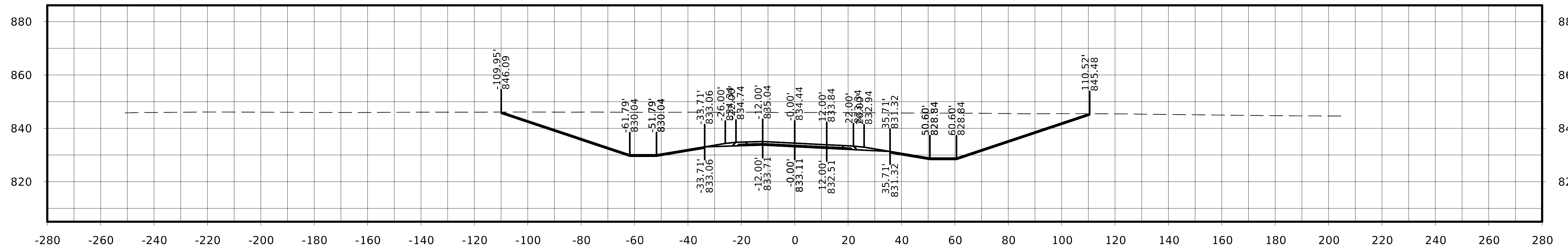
STA. 175+75.00



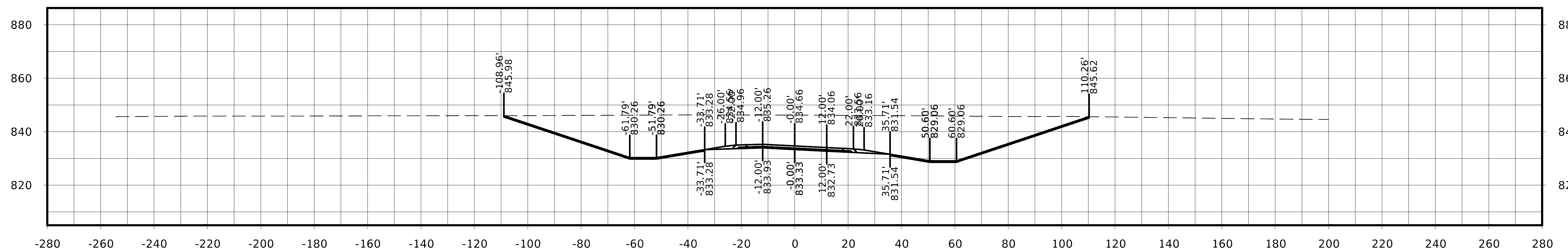
STA. 175+50.00



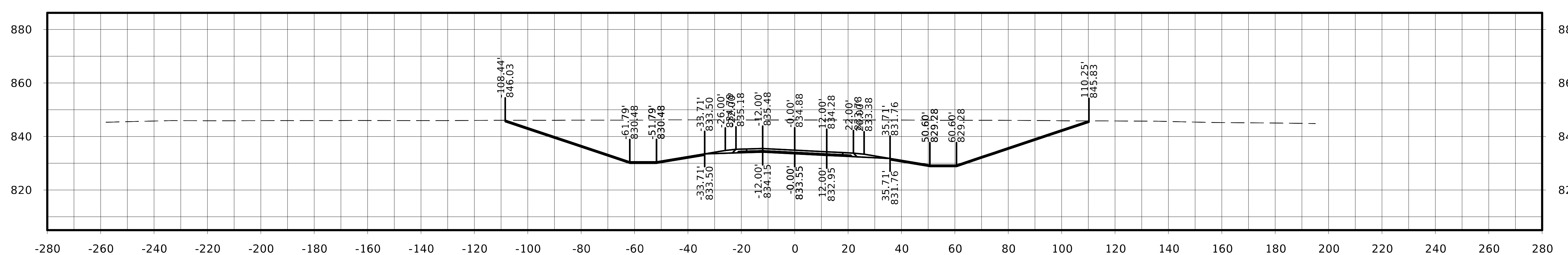
STA. 175+25.00



STA. 176+50.00

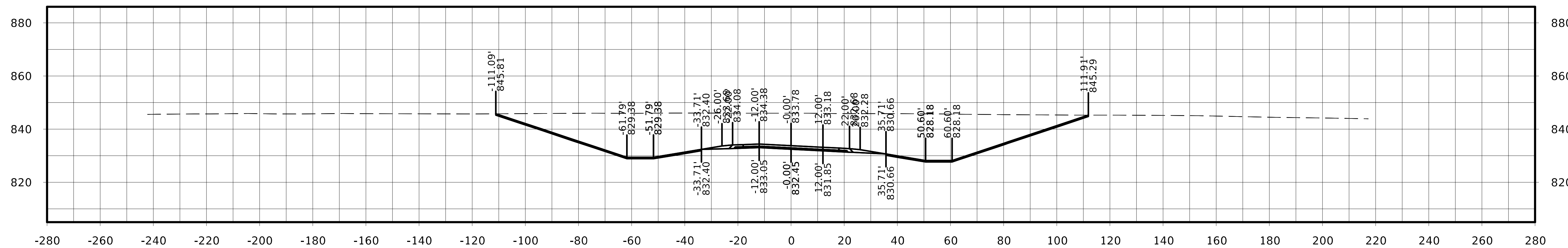


STA. 176+25.00

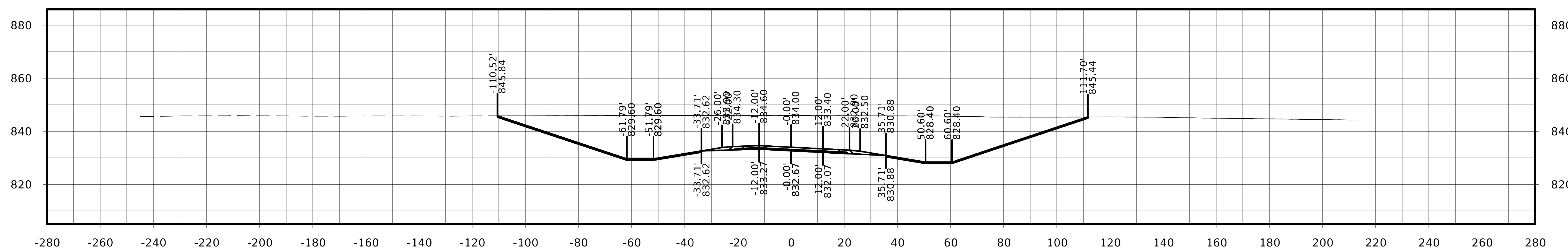


STA. 176+00.00

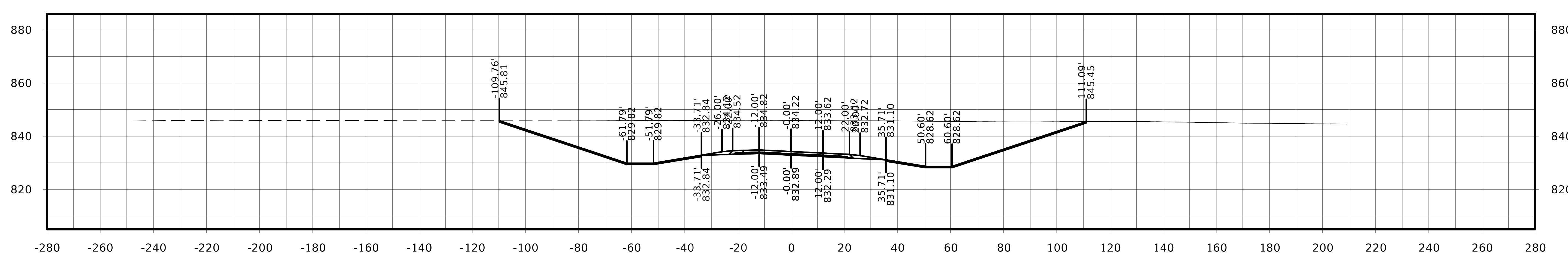
US 63



STA. 177+25.00



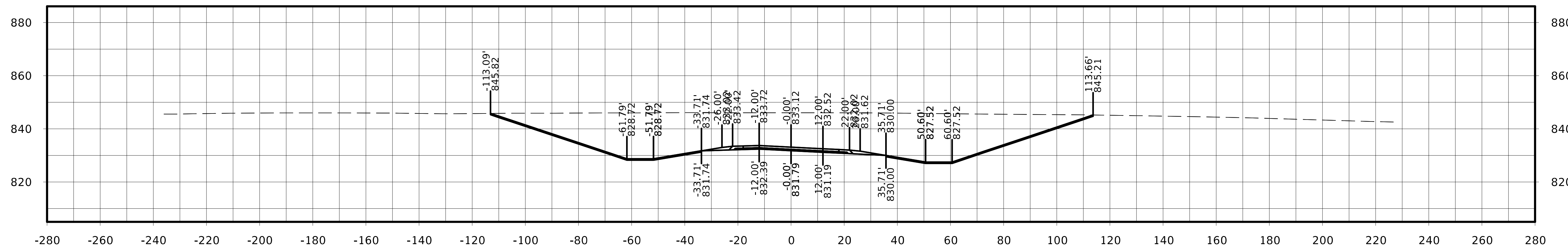
STA. 177+00.00



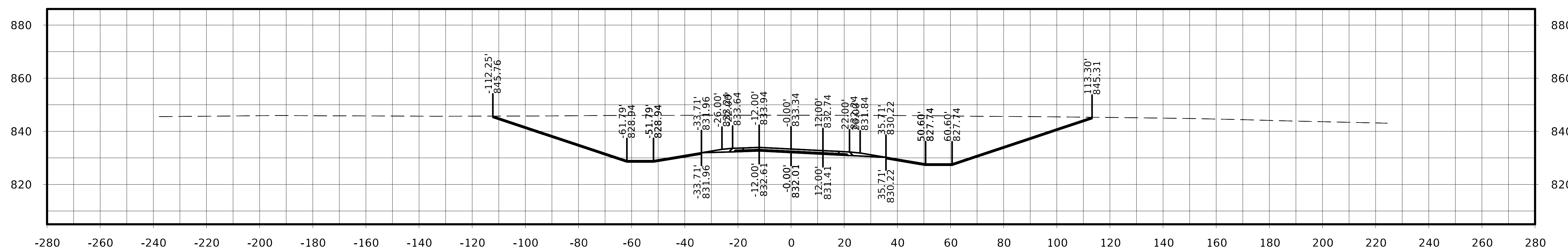
STA. 176+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.96

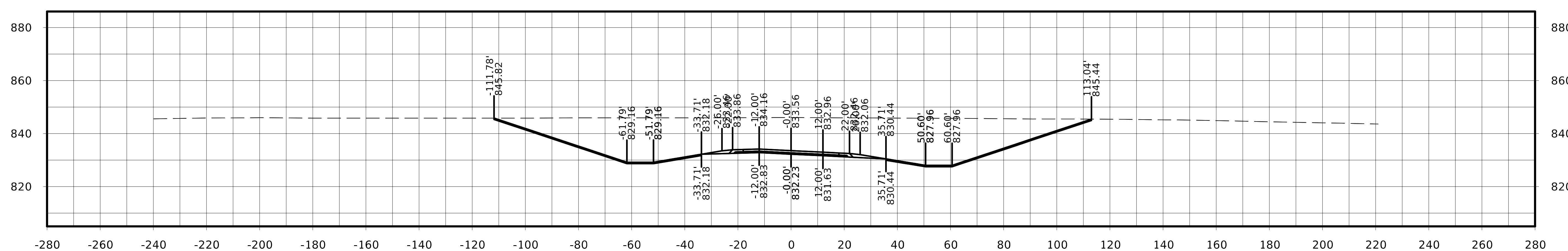
US 63



STA. 178+00.00

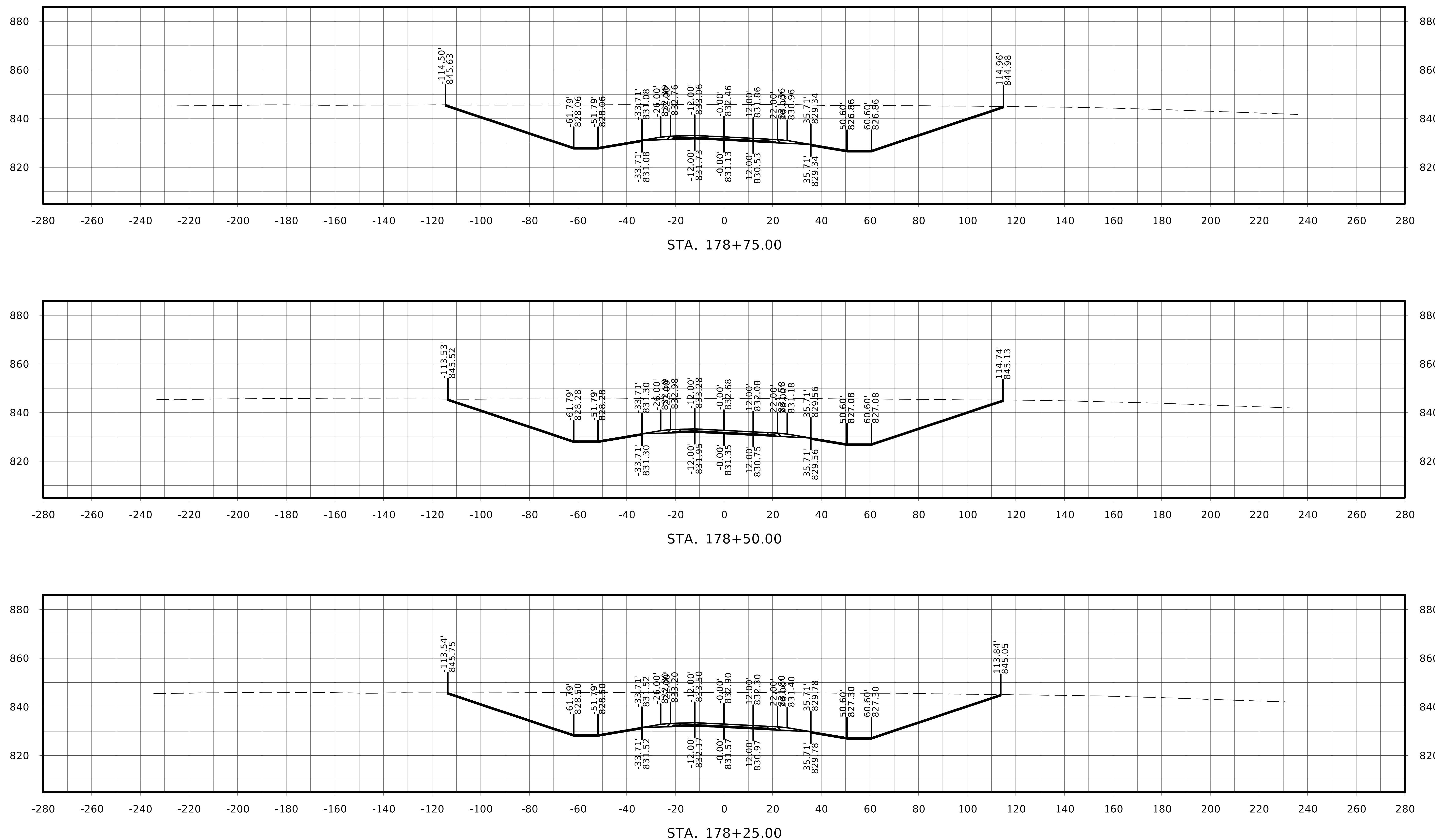


STA. 177+75.00



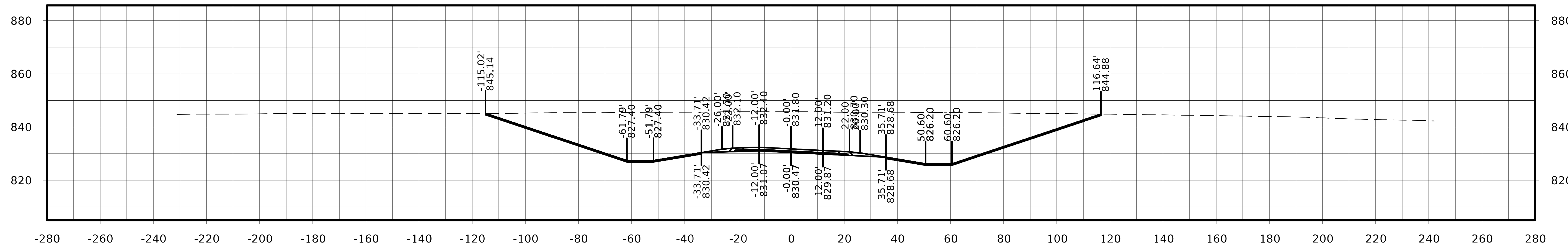
STA. 177+50.00

US 63

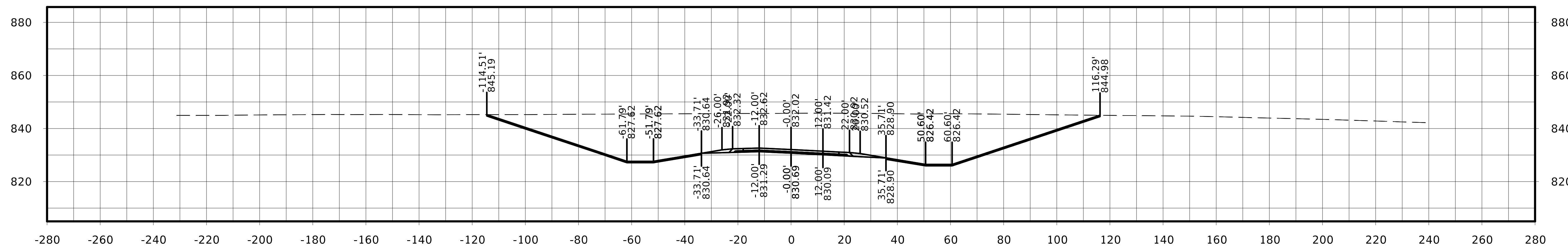


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.98

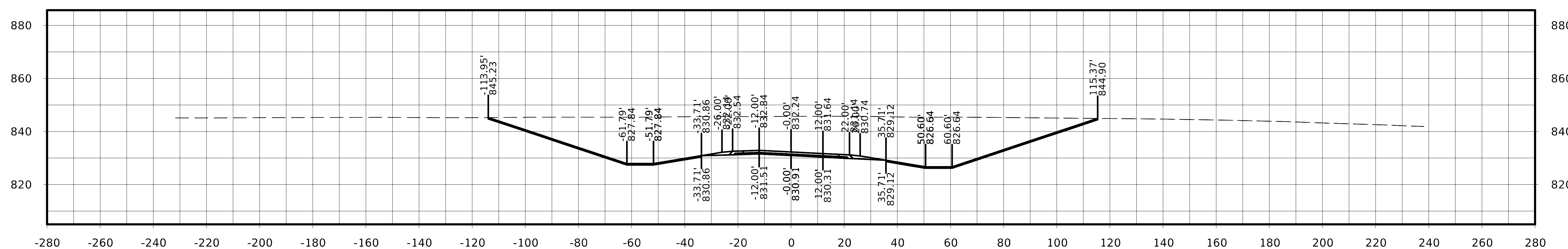
US 63



STA. 179+50.00



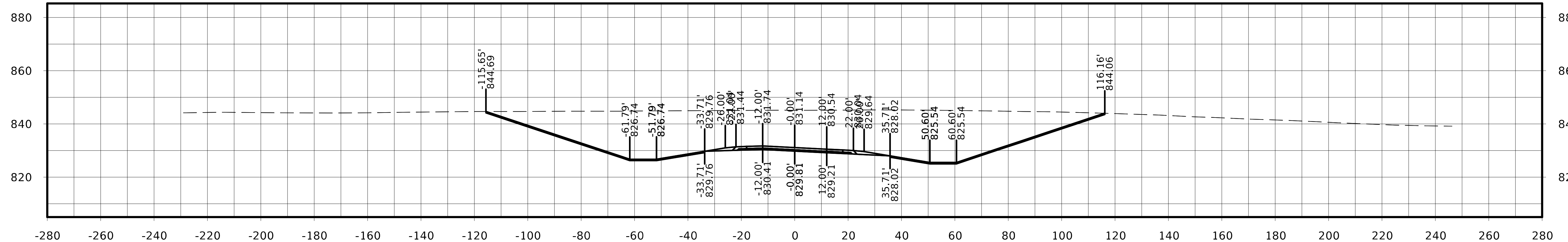
STA. 179+25.00



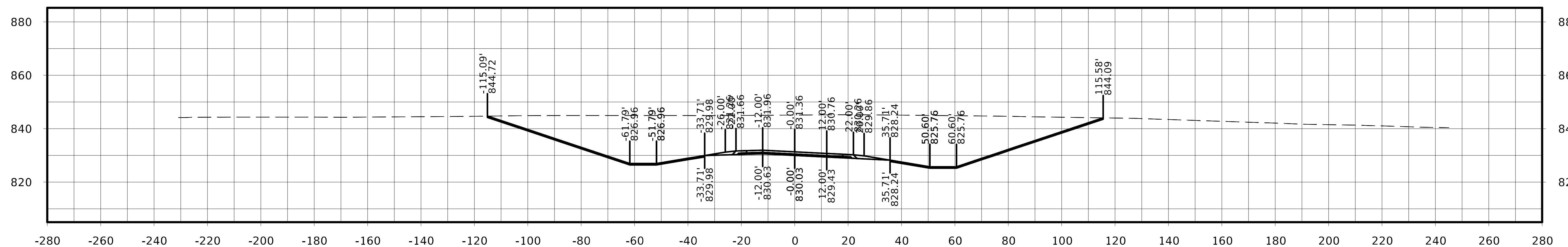
STA. 179+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.99

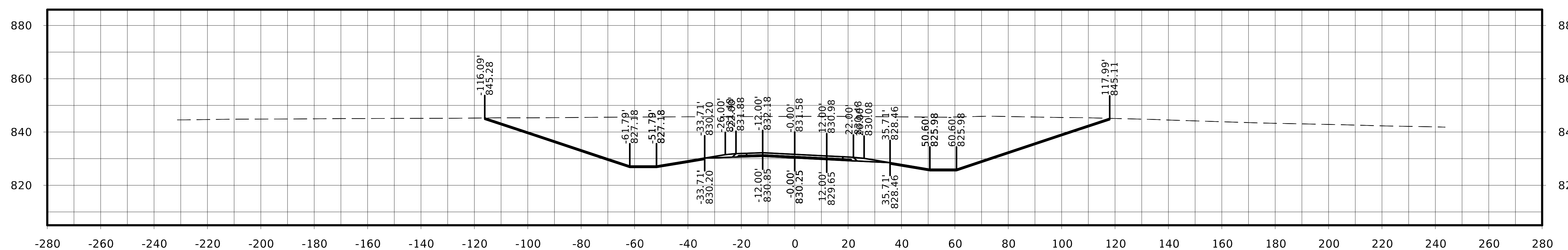
US 63



STA. 180+25.00



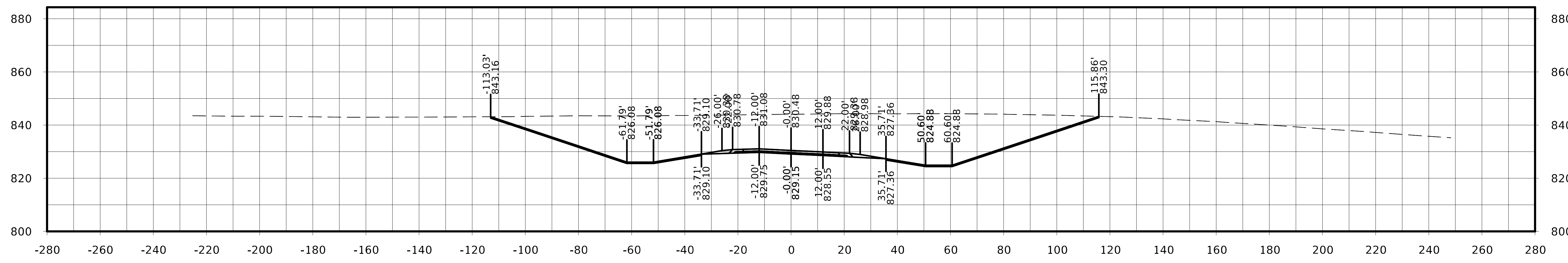
STA. 180+00.00



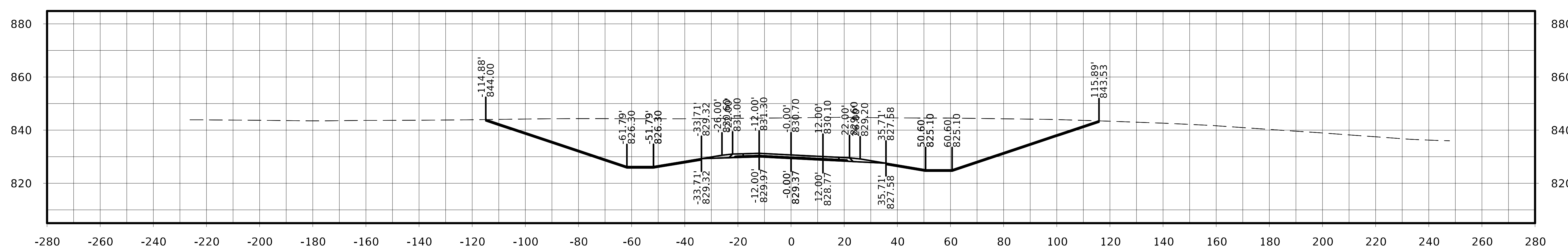
STA. 179+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER W.100

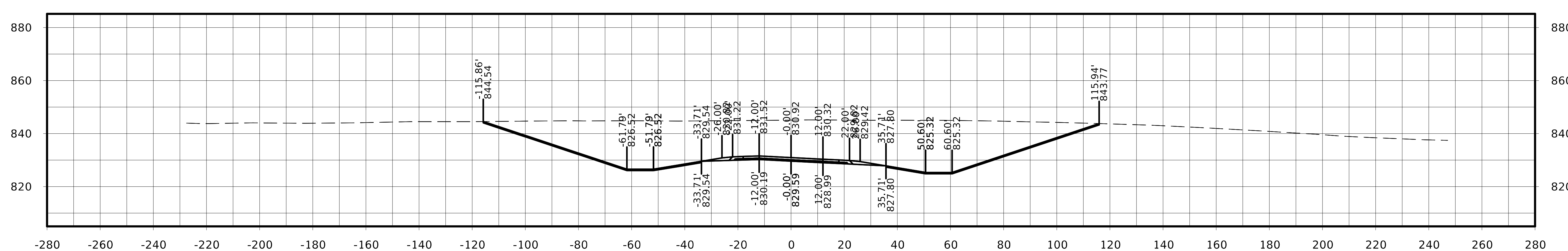
US 63



STA. 181+00.00



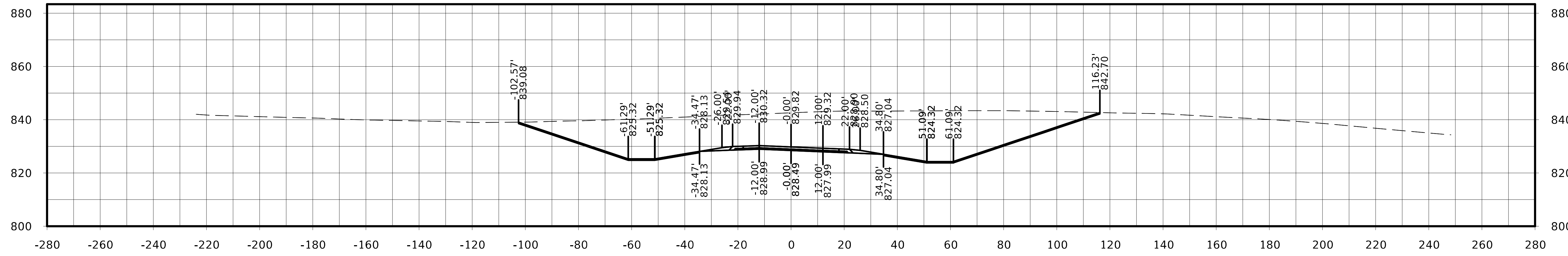
STA. 180+75.00



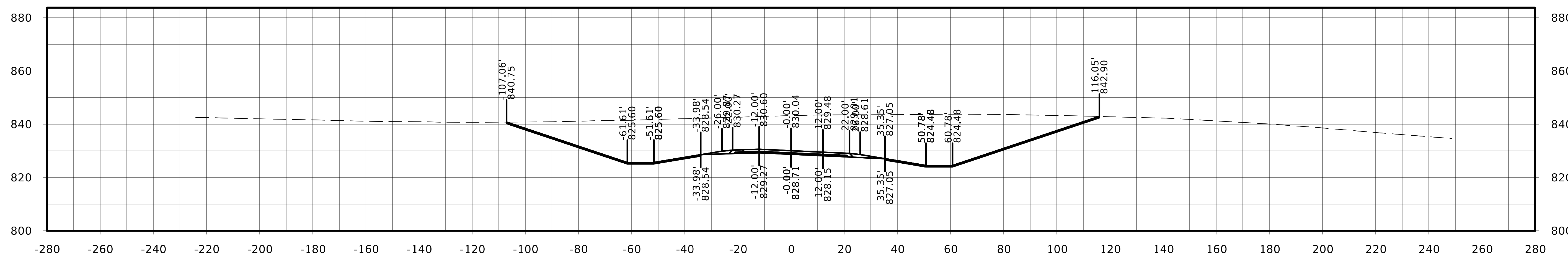
STA. 180+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.101

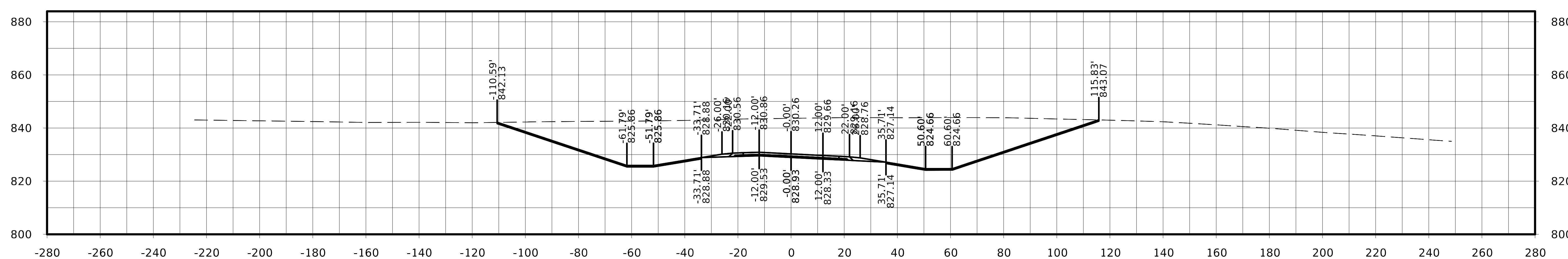
US 63



STA. 181+75.00



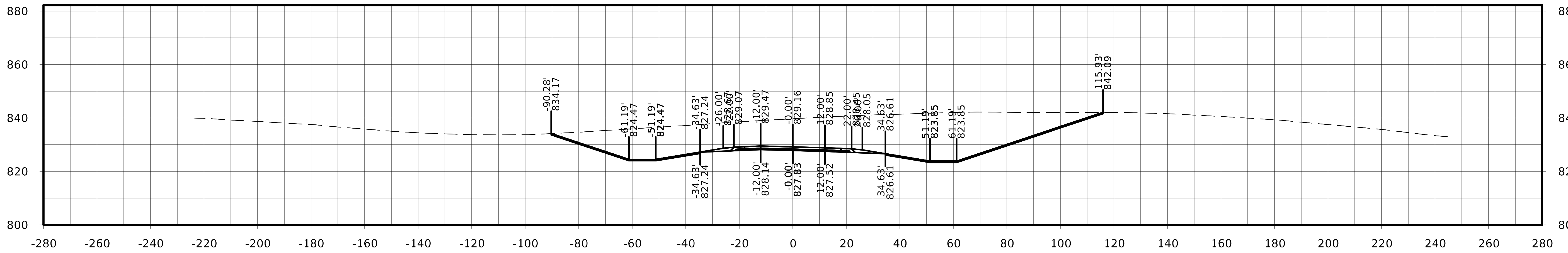
STA. 181+50.00



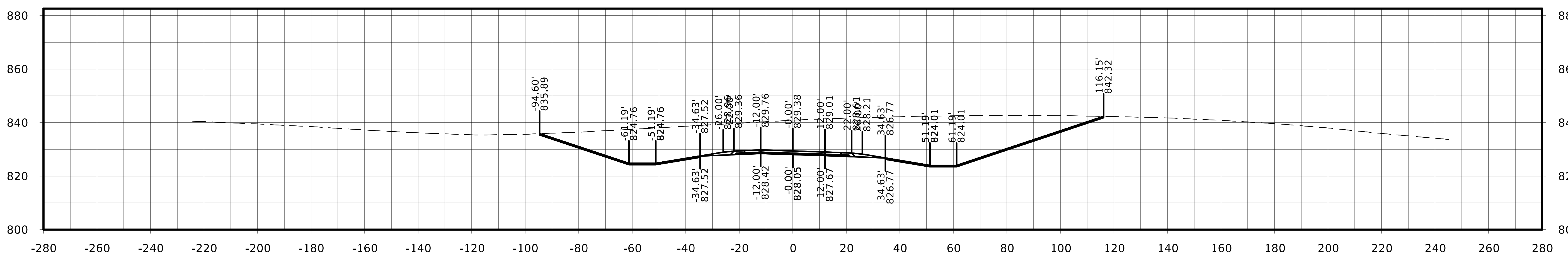
STA. 181+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.102

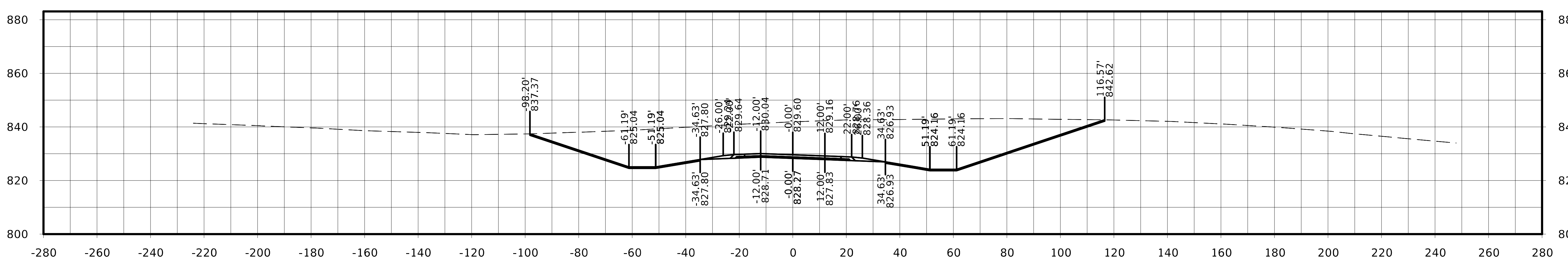
US 63



STA. 182+50.00

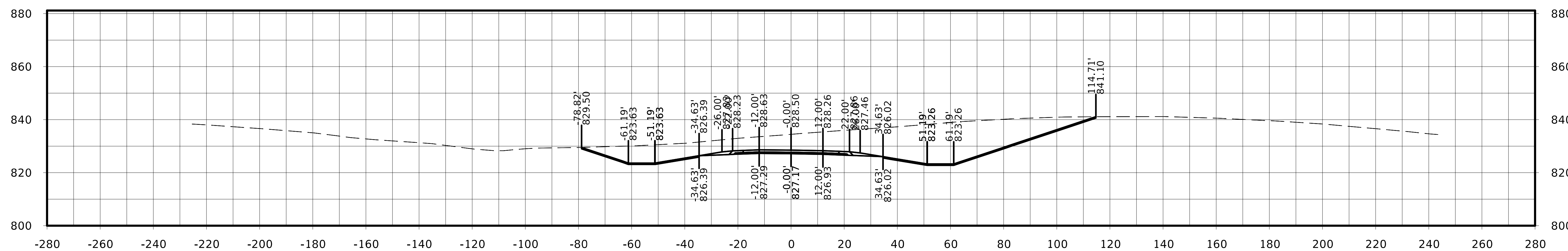


STA. 182+25.00

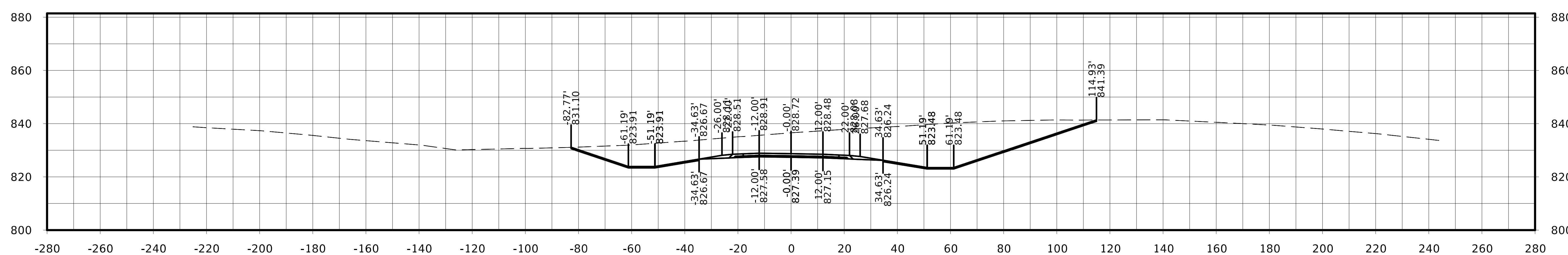


STA. 182+00.00

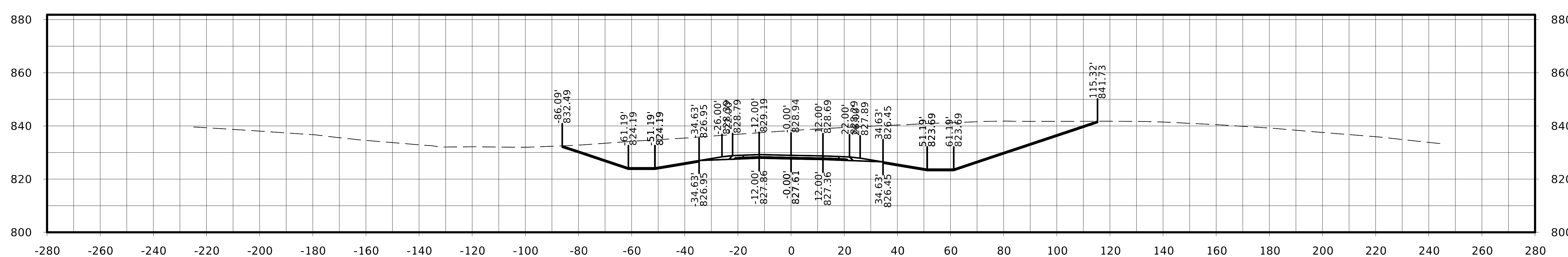
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.103



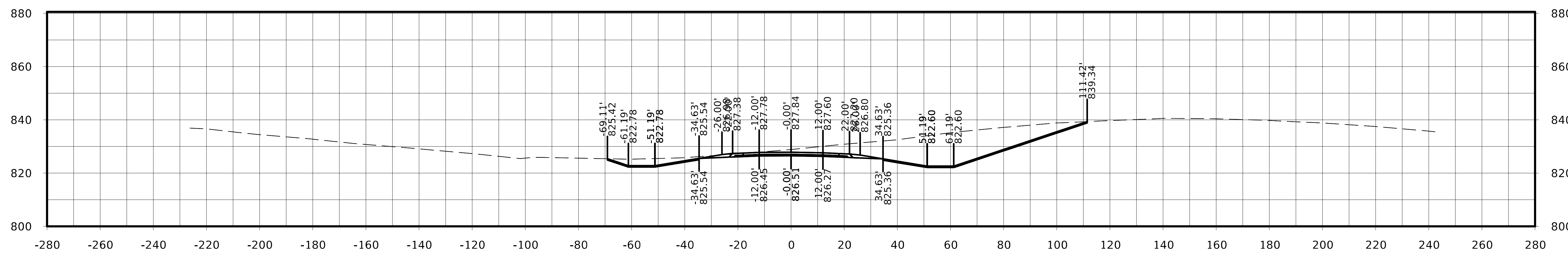
STA. 183+25.00



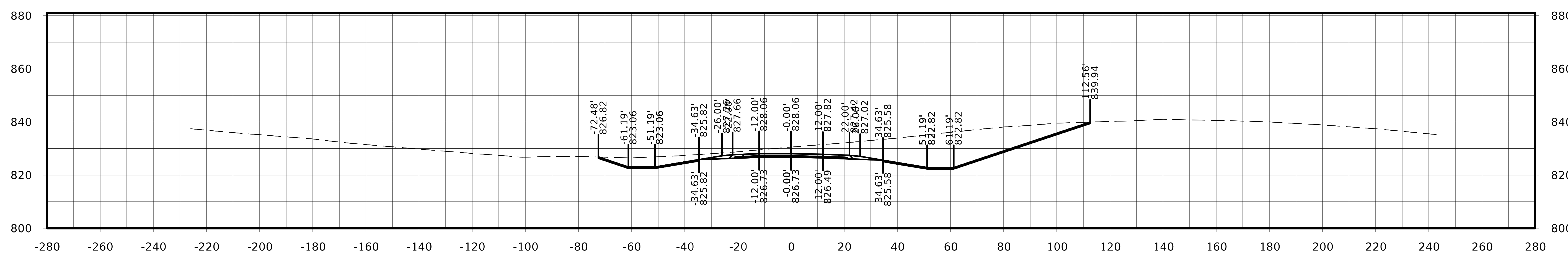
STA. 183+00.00



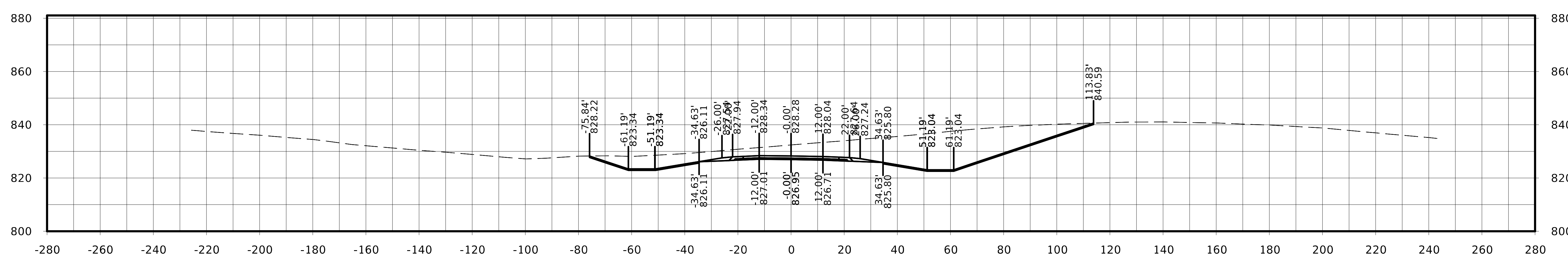
STA. 182+75.00



STA. 184+00.00

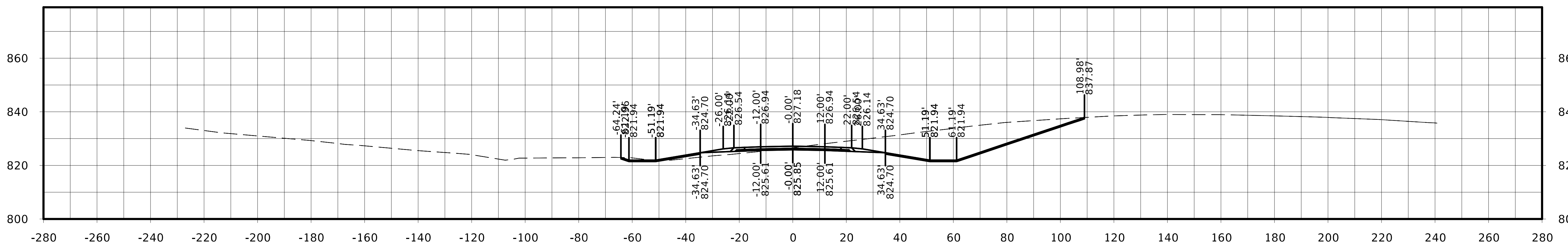


STA. 183+75.00

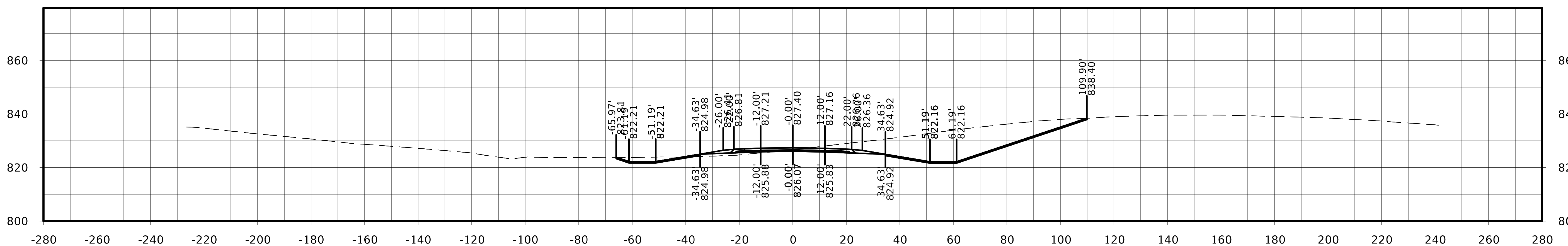


STA. 183+50.00

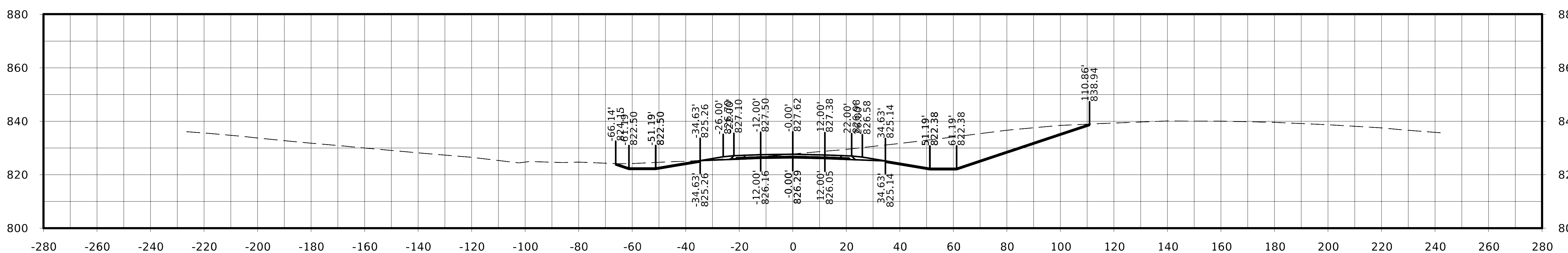
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.105



STA. 184+75.00

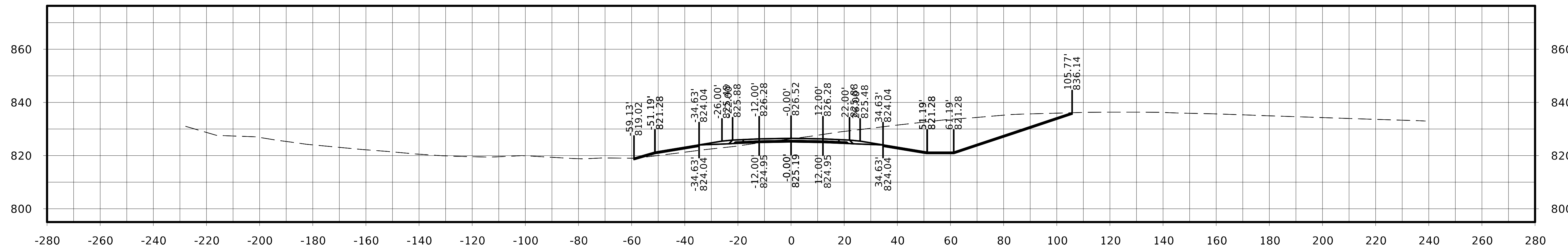


STA. 184+50.00

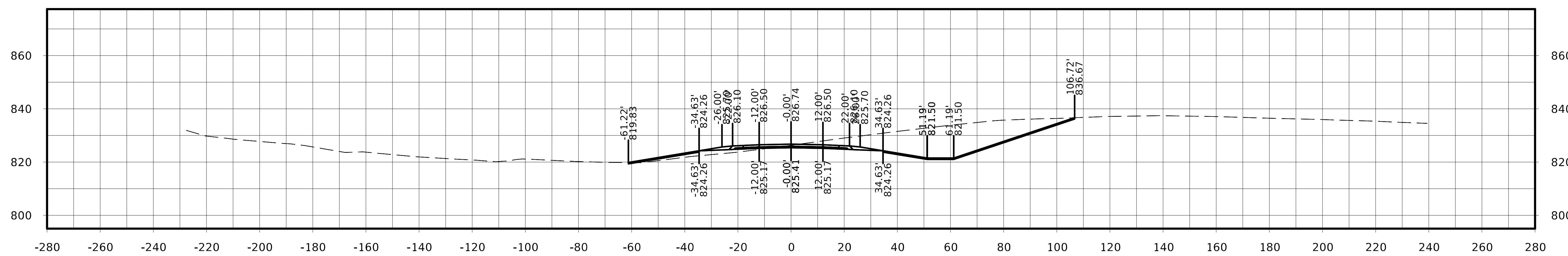


STA. 184+25.00

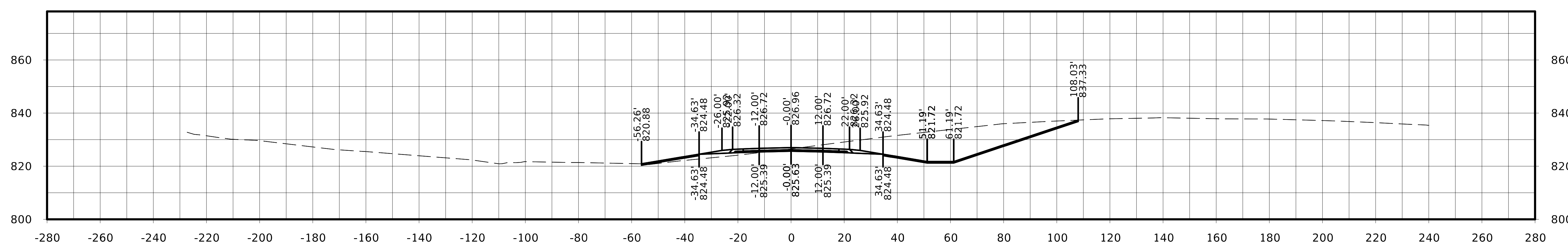
US 63



STA. 185+50.00



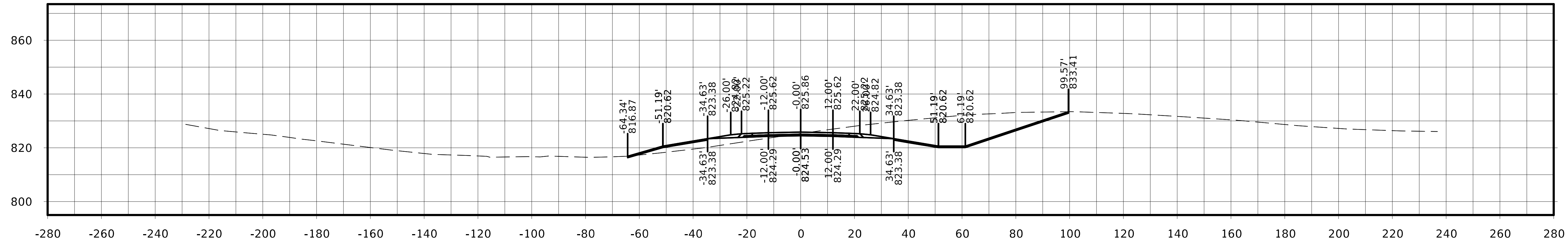
STA. 185+25.00



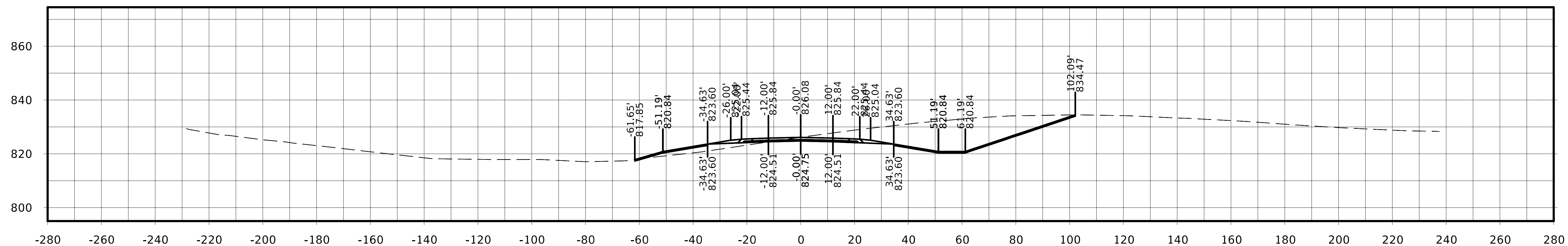
STA. 185+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.107

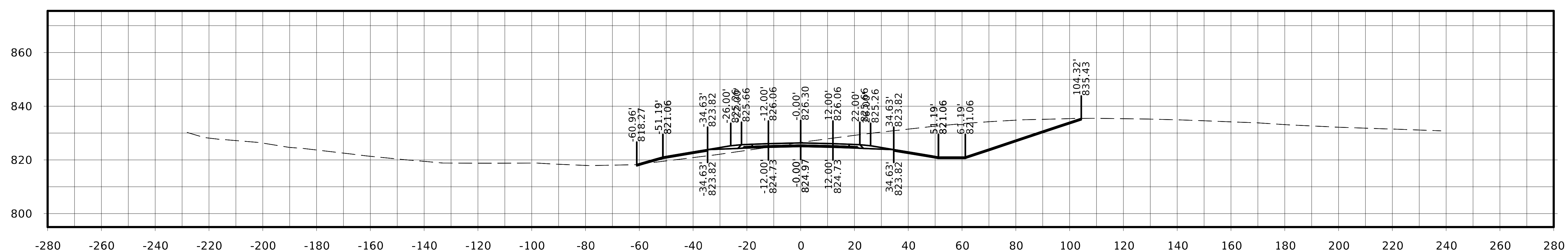
US 63



STA. 186+25.00



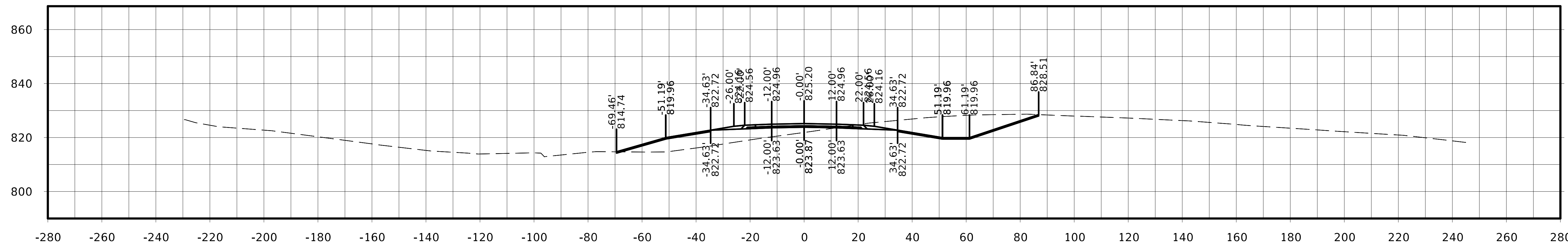
STA. 186+00.00

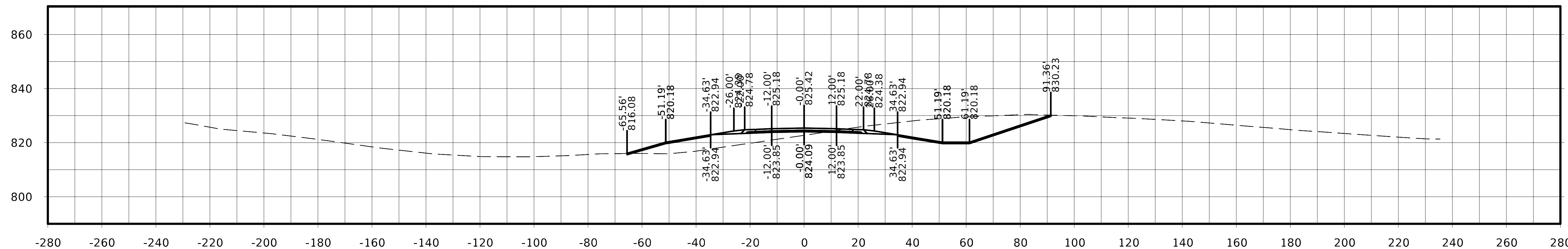


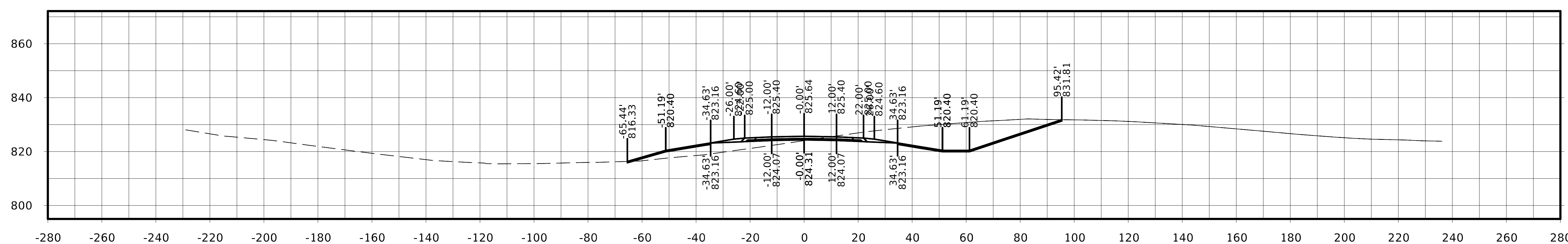
STA. 185+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.108

US 63

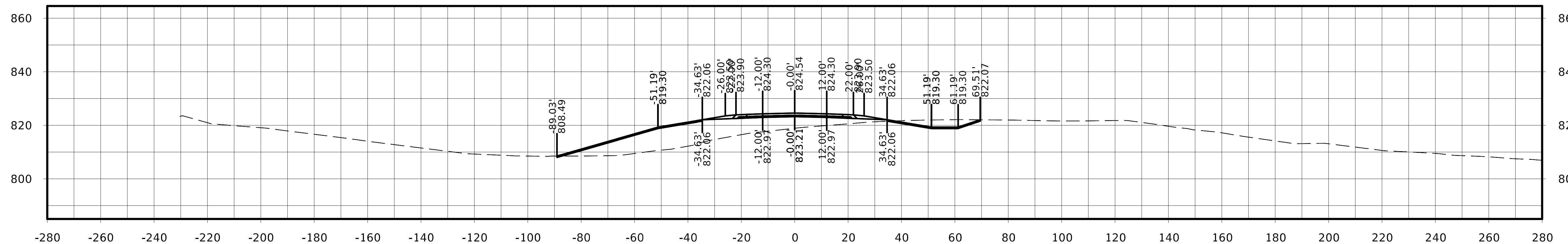




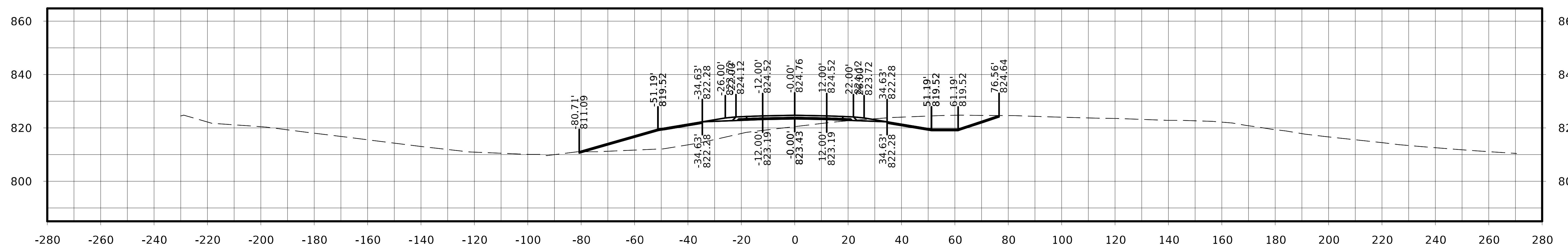


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.109

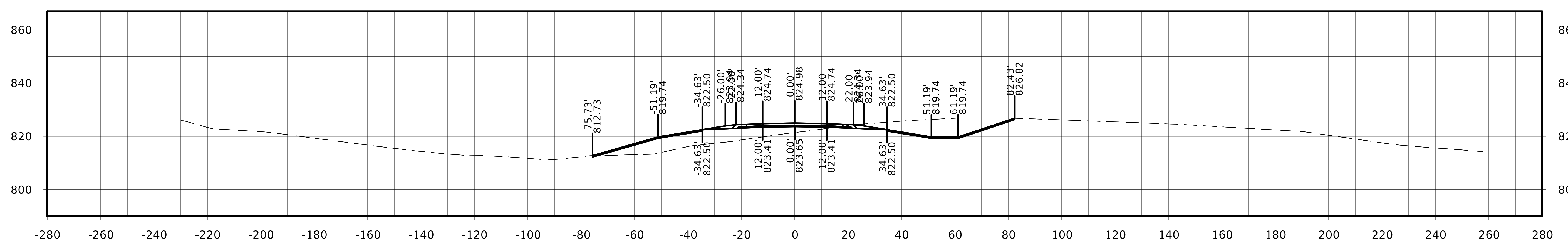
US 63



STA. 187+75.00



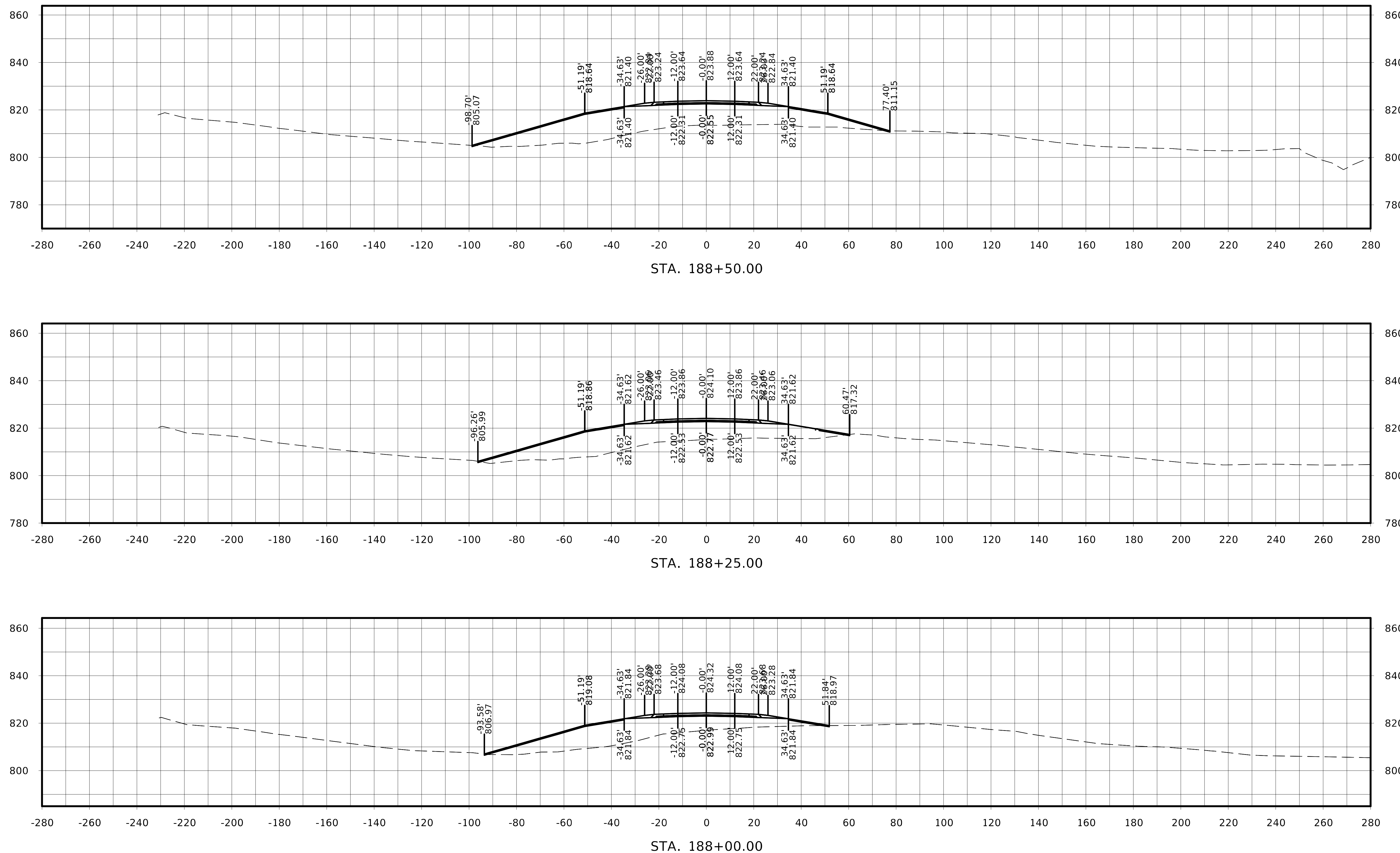
STA. 187+50.00



STA. 187+25.00

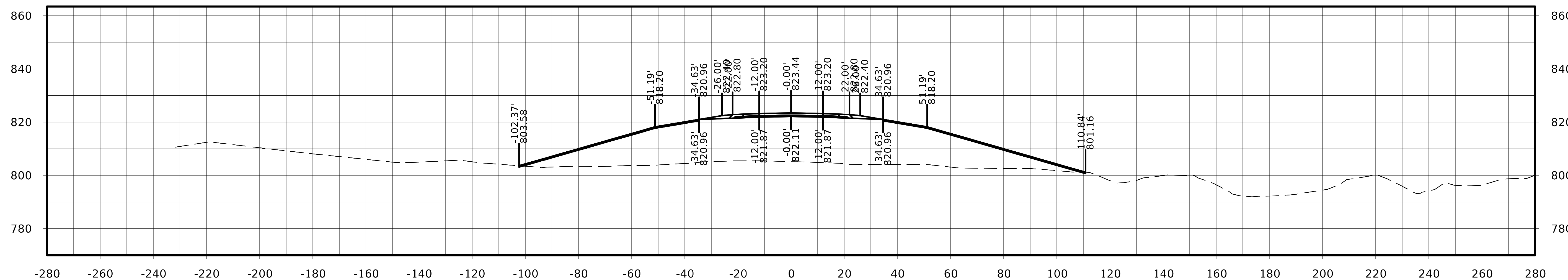
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.110

US 63

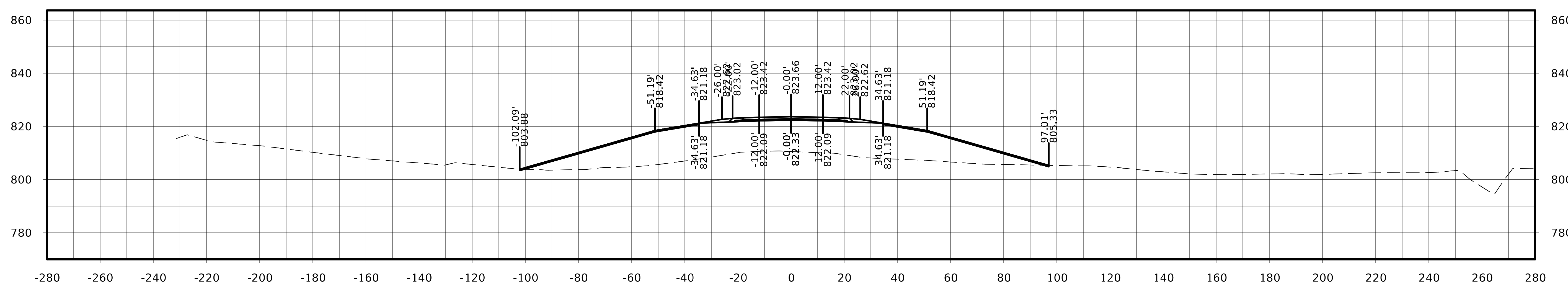


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.111

US 63



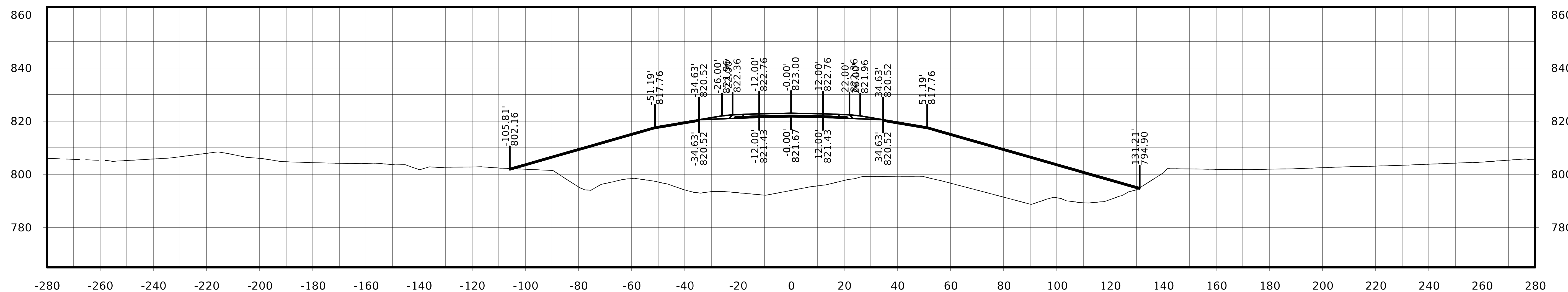
STA. 189+00.00



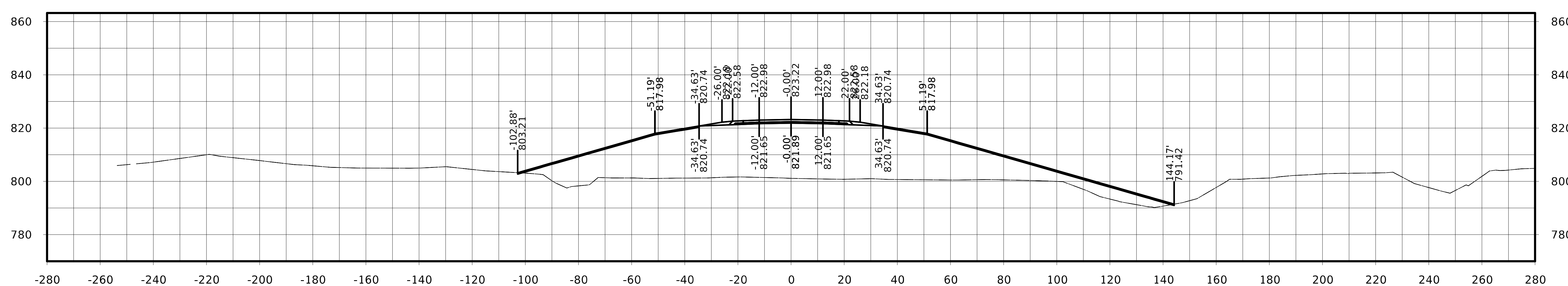
STA. 188+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.112	

US 63



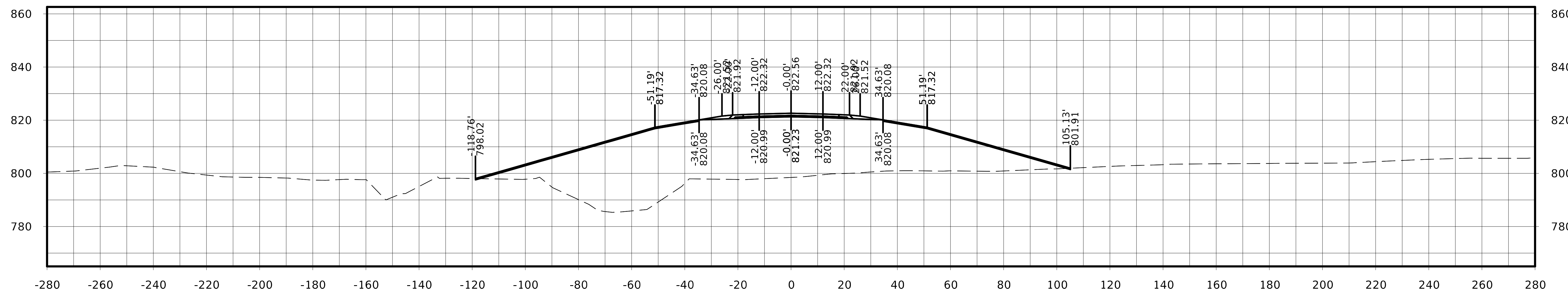
STA. 189+50.00



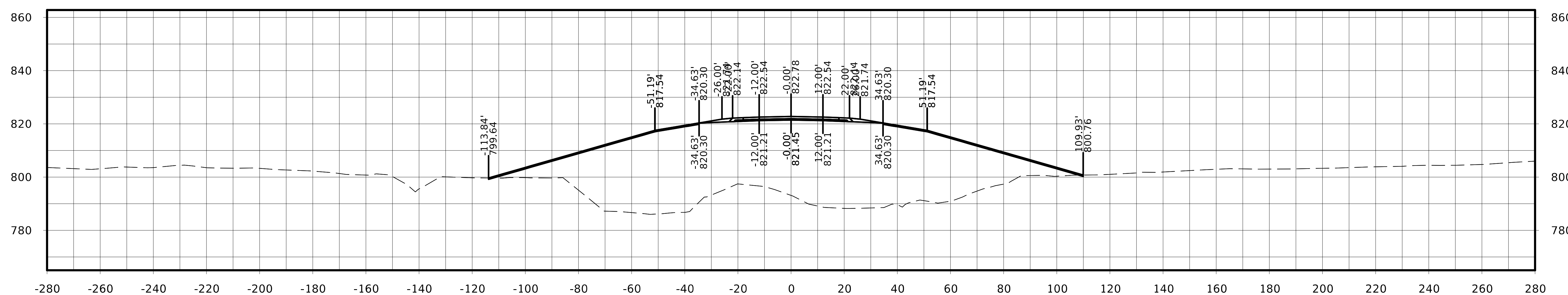
STA. 189+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.113

US 63

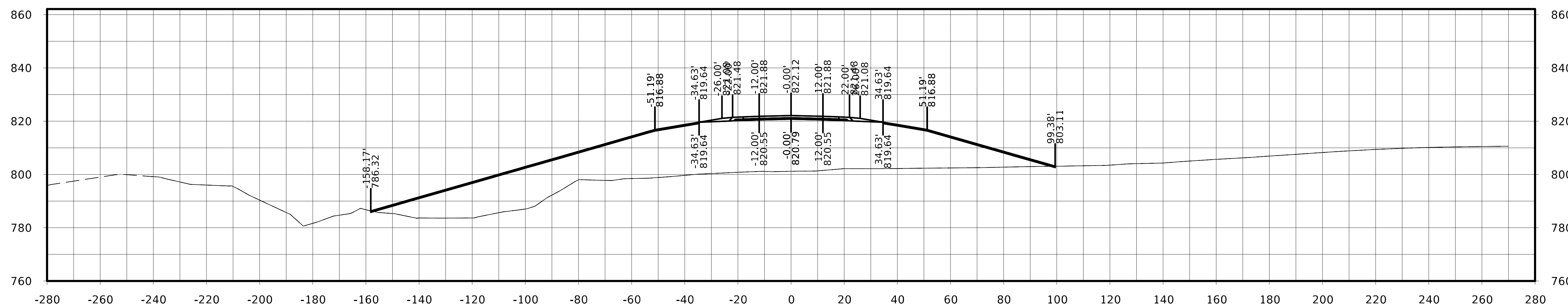


STA. 190+00.00

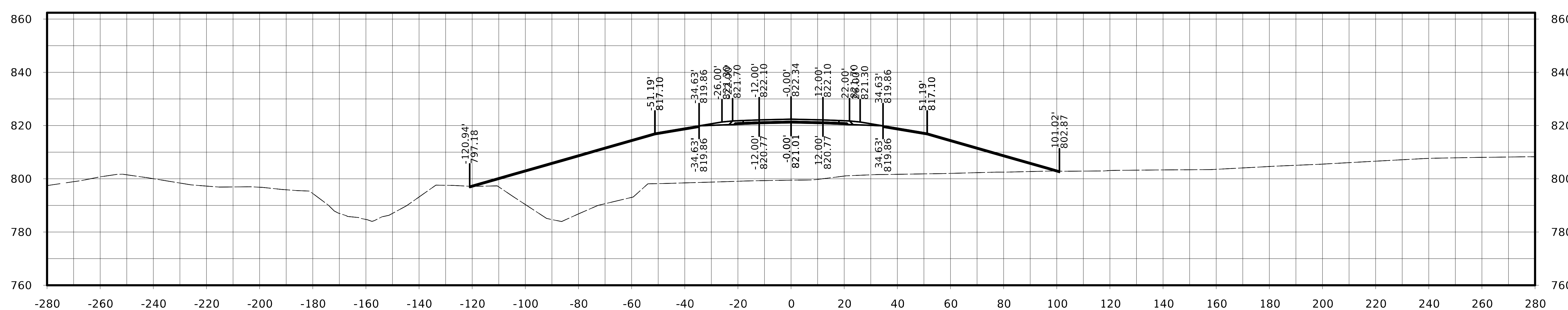


STA. 189+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.114

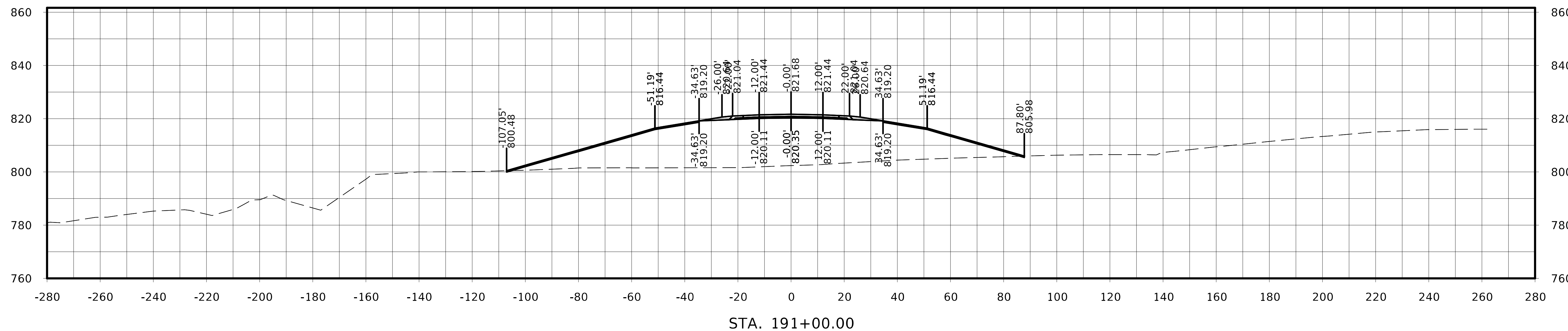


STA. 190+50.00

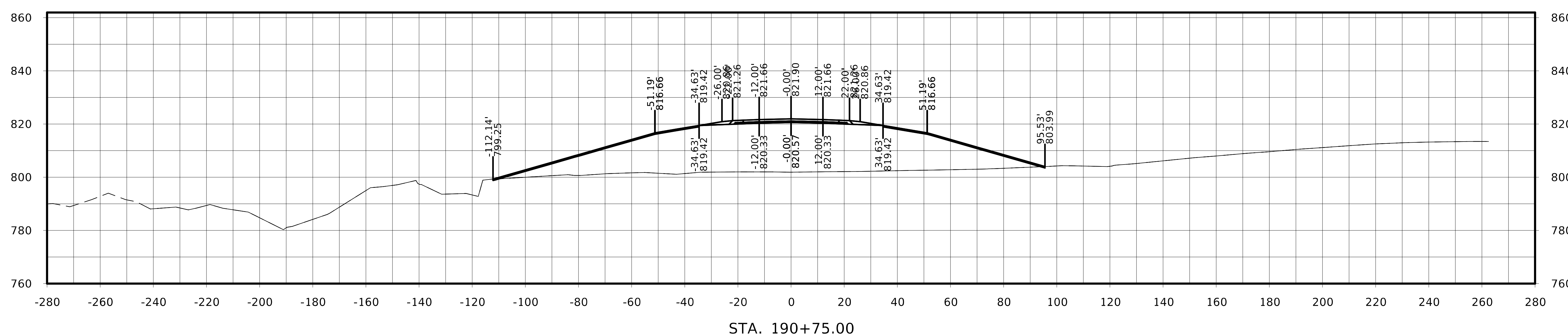


STA. 190+25.00

US 63



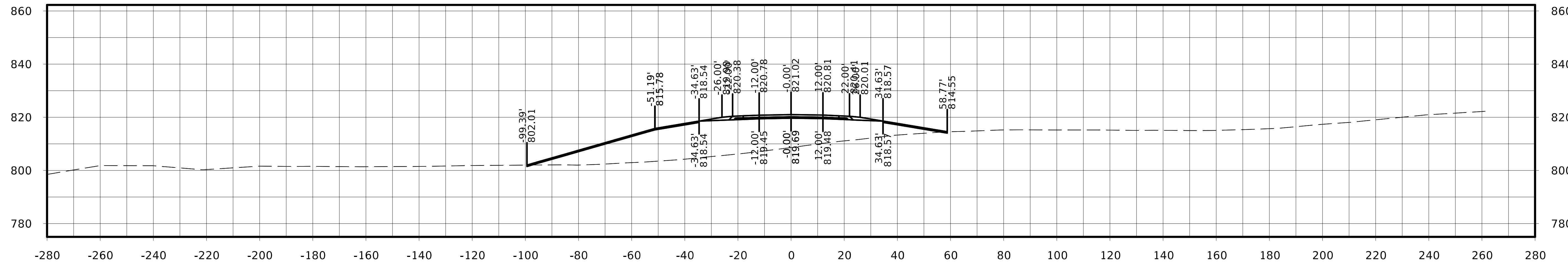
STA. 191+00.00

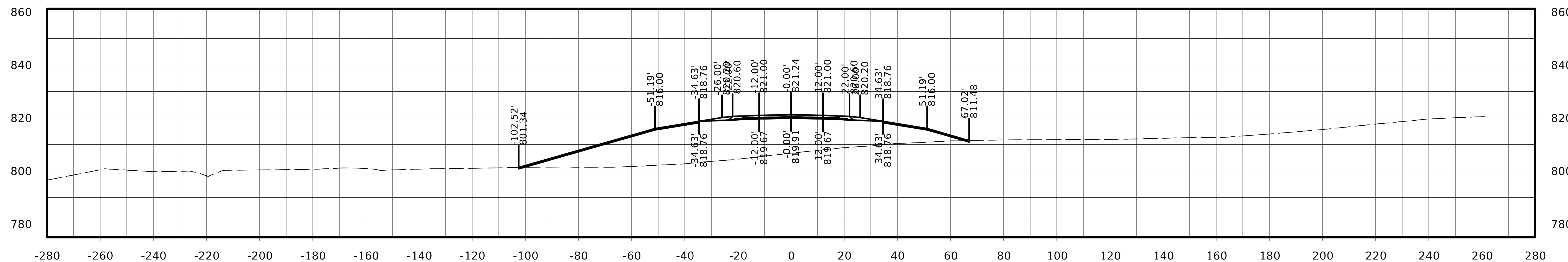


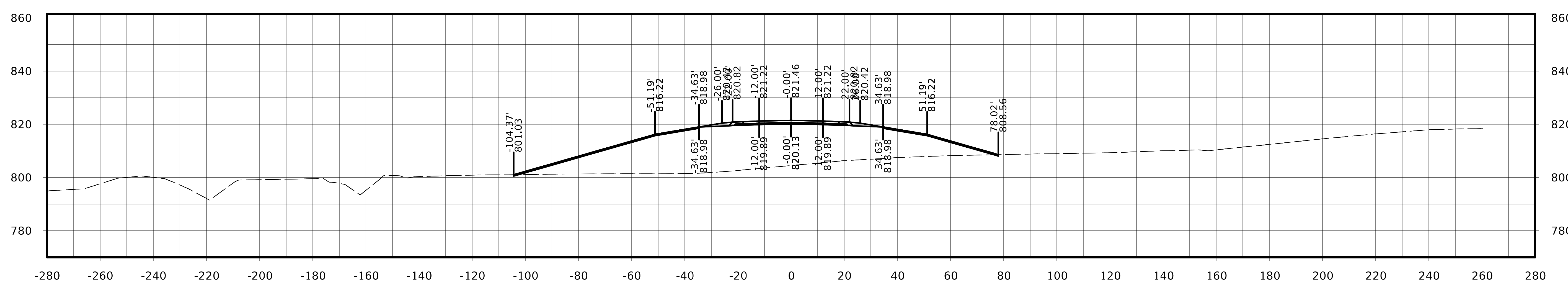
STA. 190+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.116

US 63

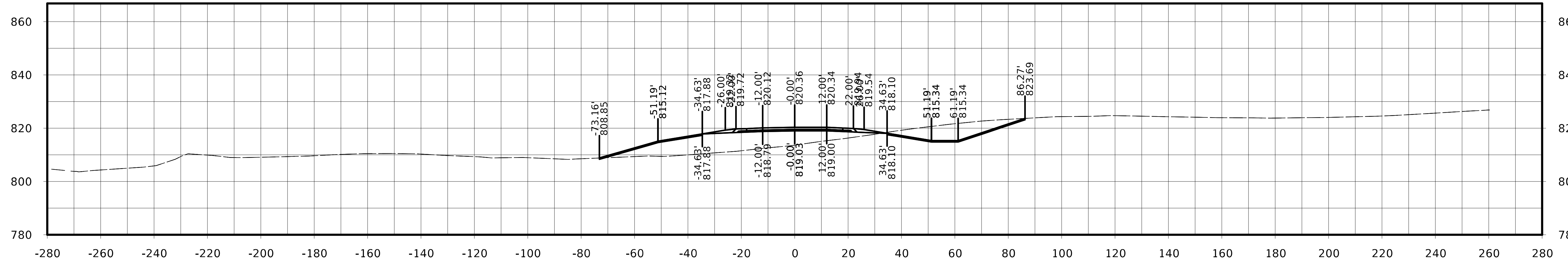




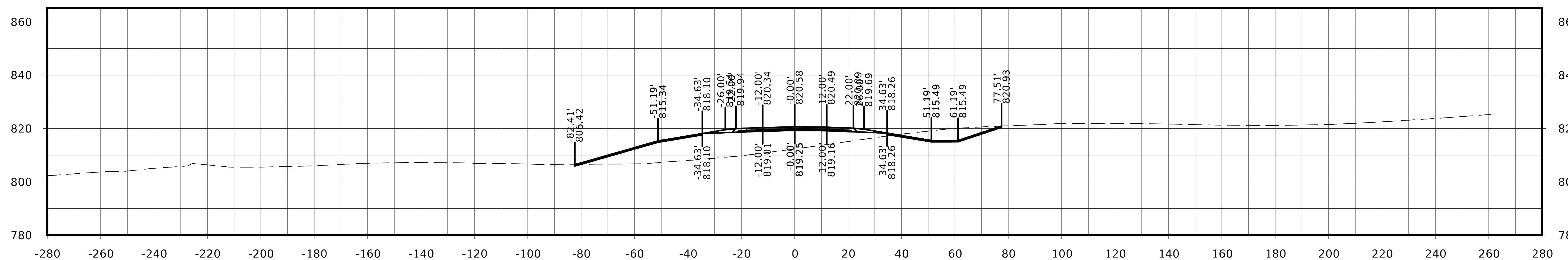


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.117

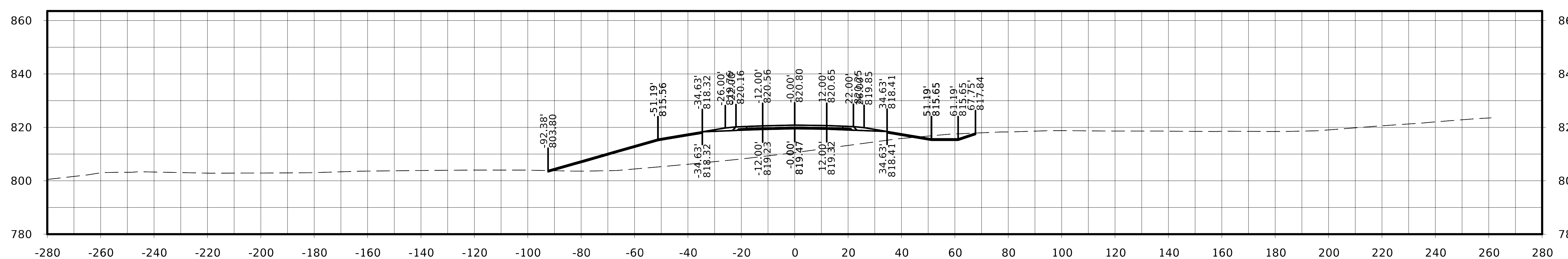
US 63



STA. 192+50.00

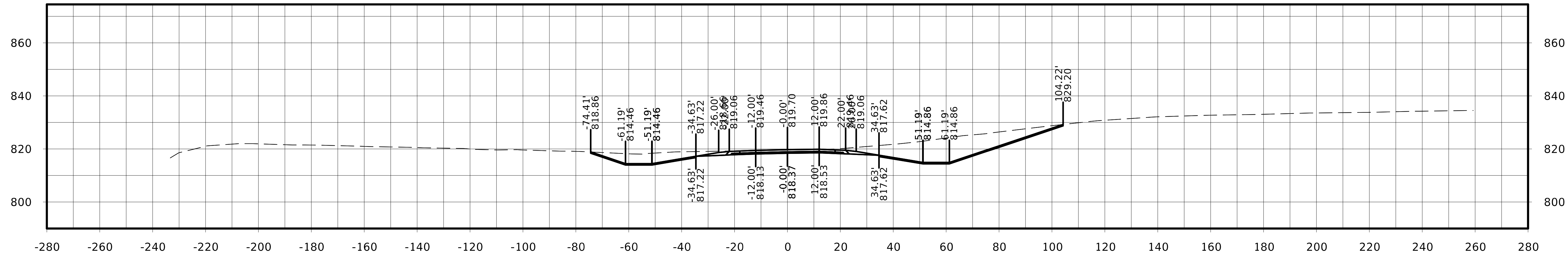


STA. 192+25.00

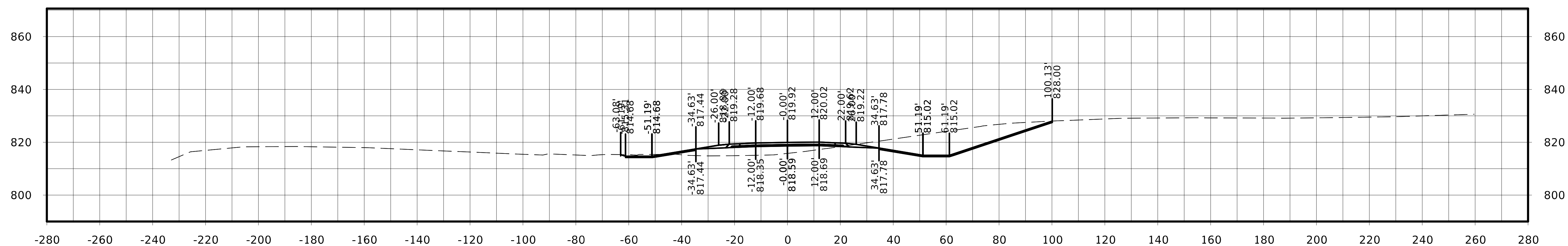


STA. 192+00.00

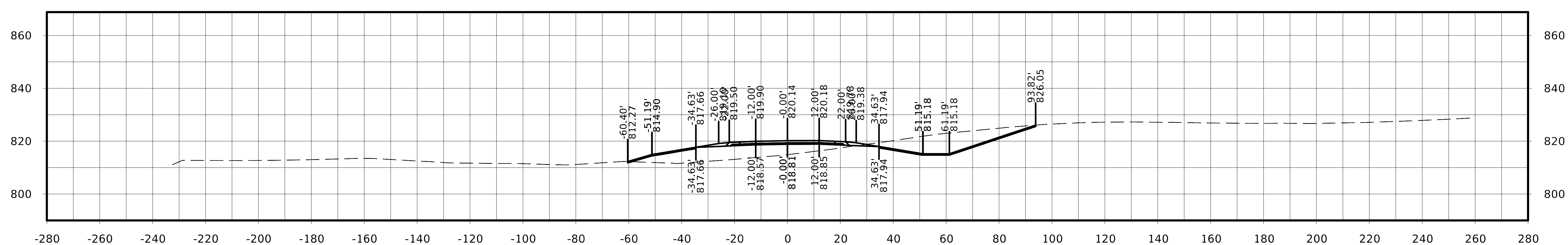
US 63



STA. 193+25.00

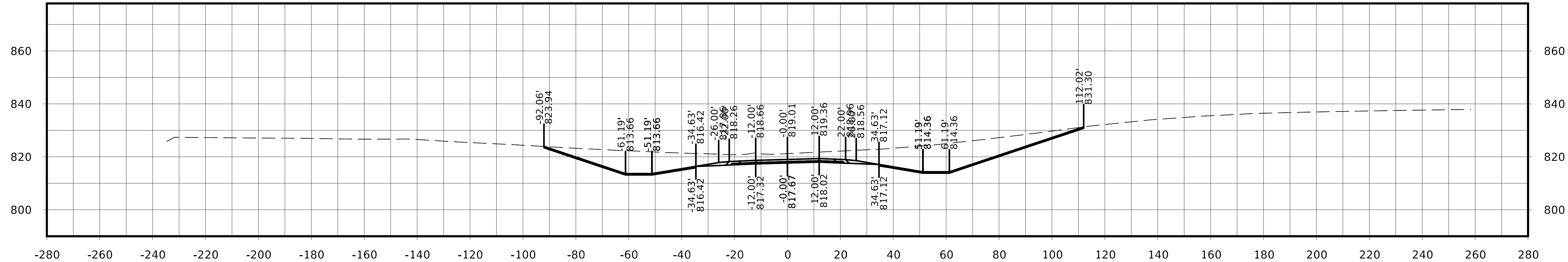


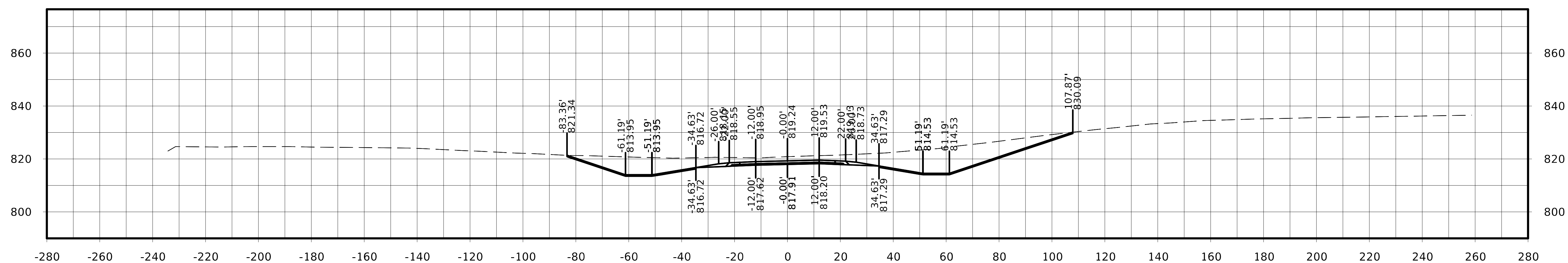
STA. 193+00.00

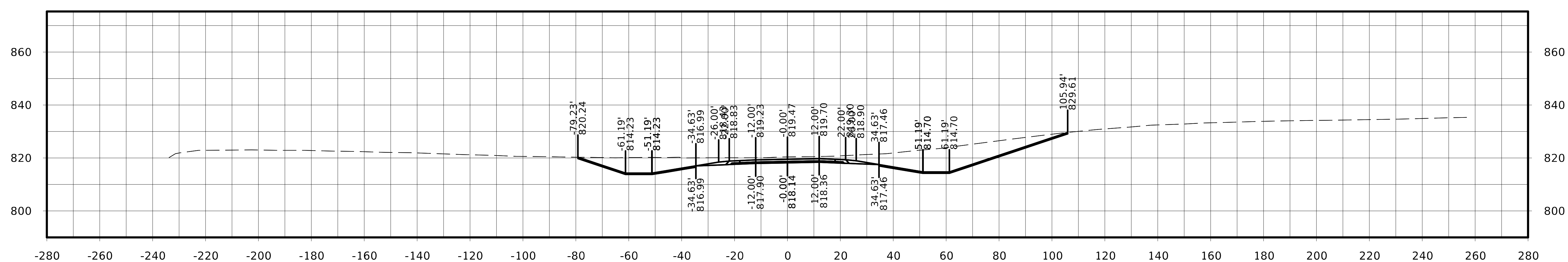


STA. 192+75.00

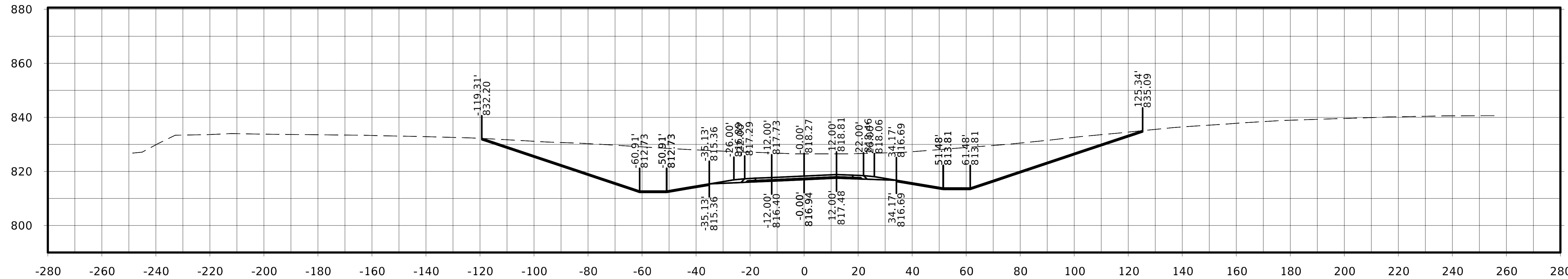
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.119


STA. 194+00.00

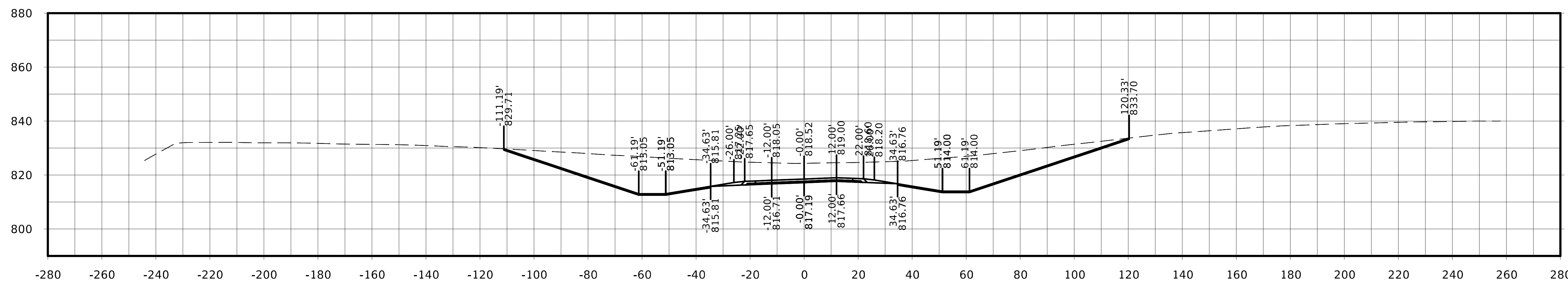

STA. 193+75.00


STA. 193+50.00

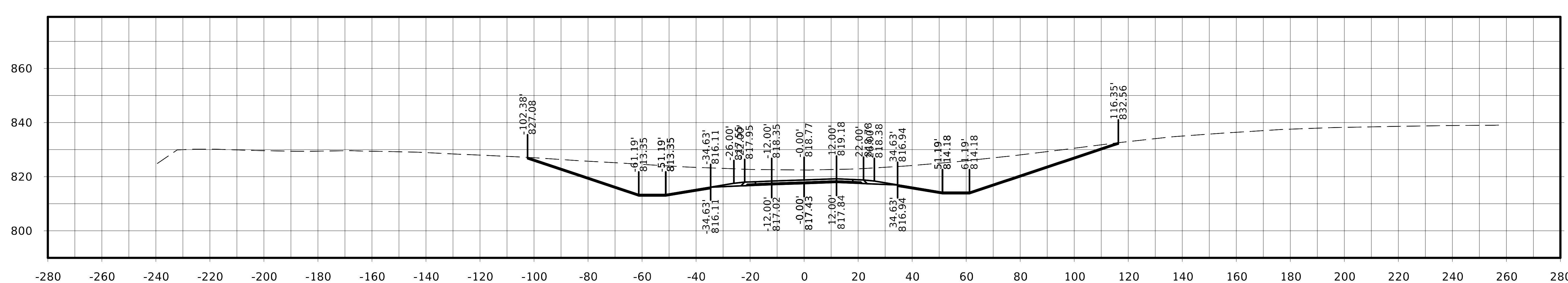
US 63



STA. 194+75.00



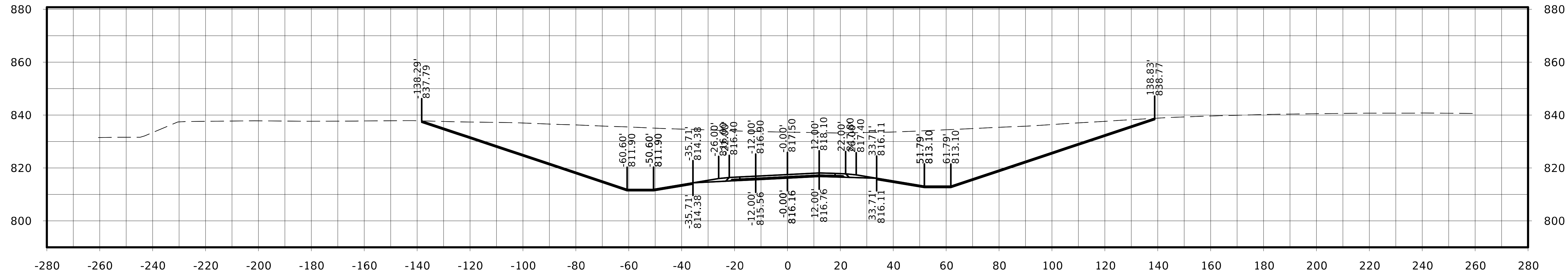
STA. 194+50.00



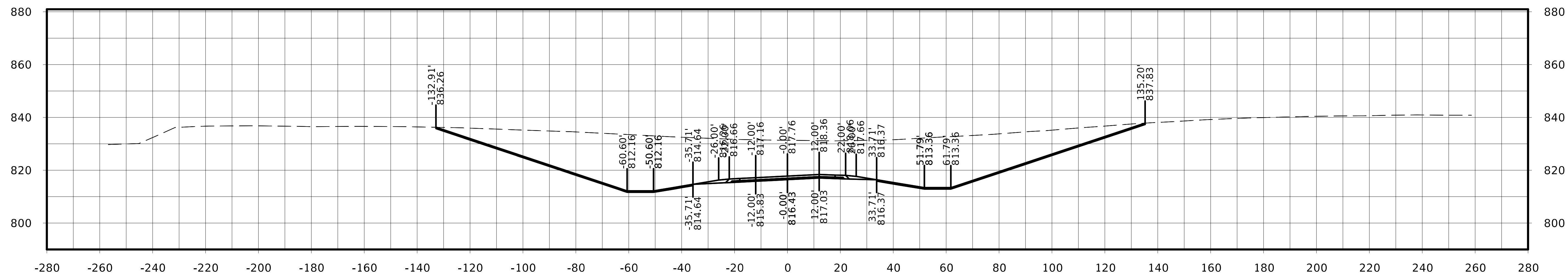
STA. 194+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.121

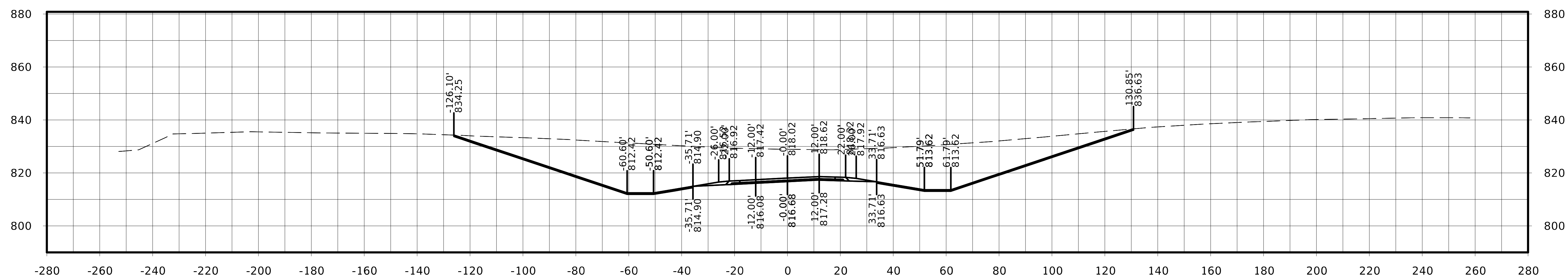
US 63



STA. 195+50.00



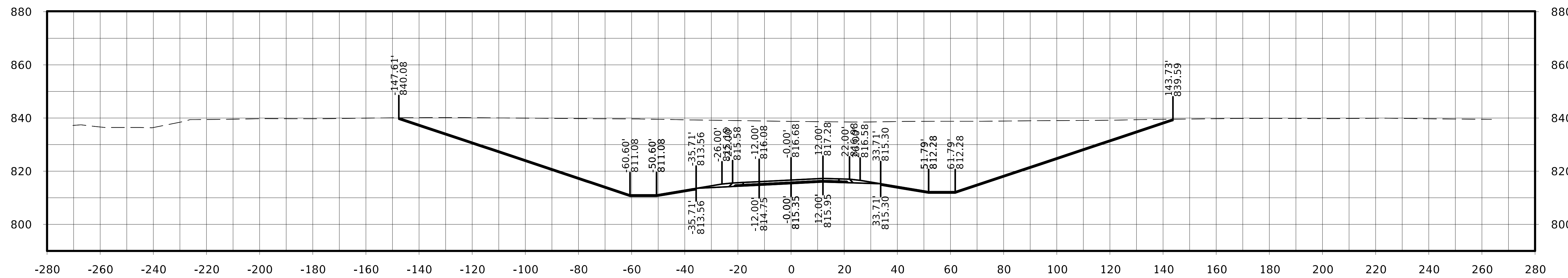
STA. 195+25.00



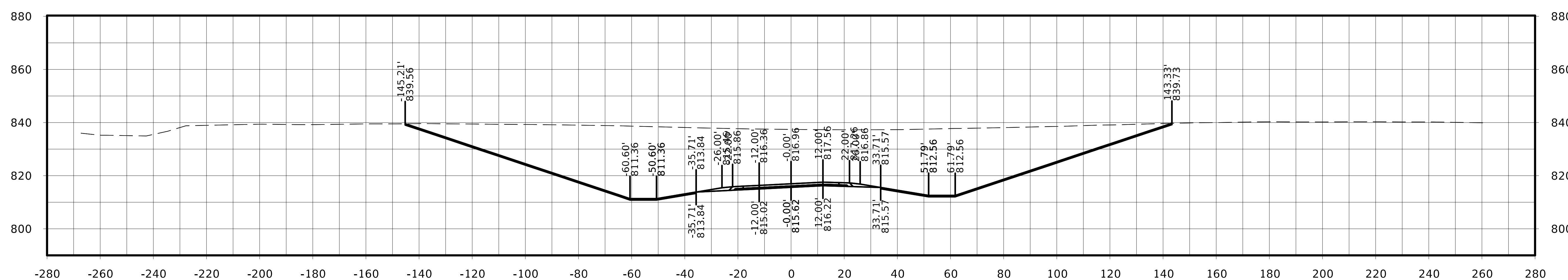
STA. 195+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.122

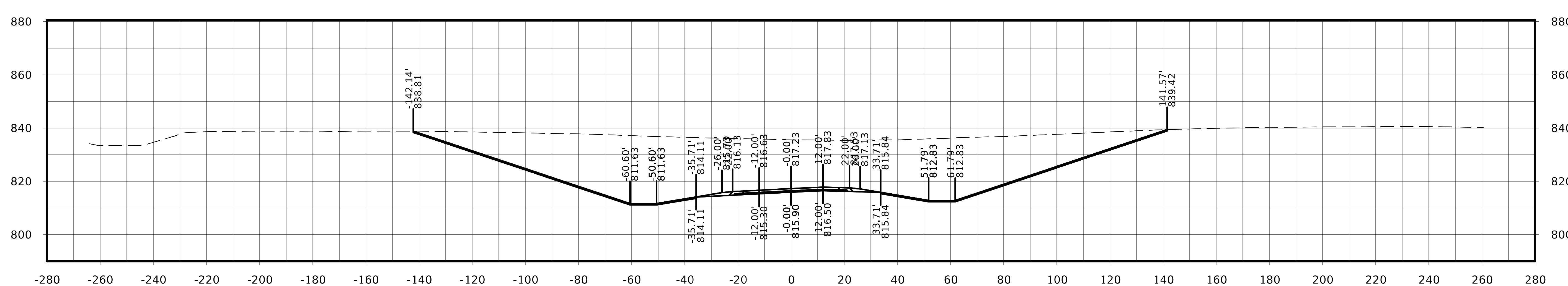
US 63



STA. 196+25.00

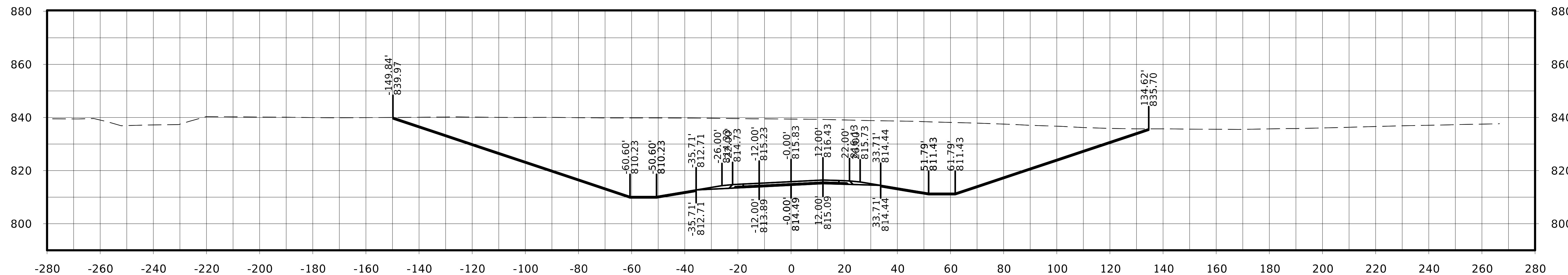


STA. 196+00.00

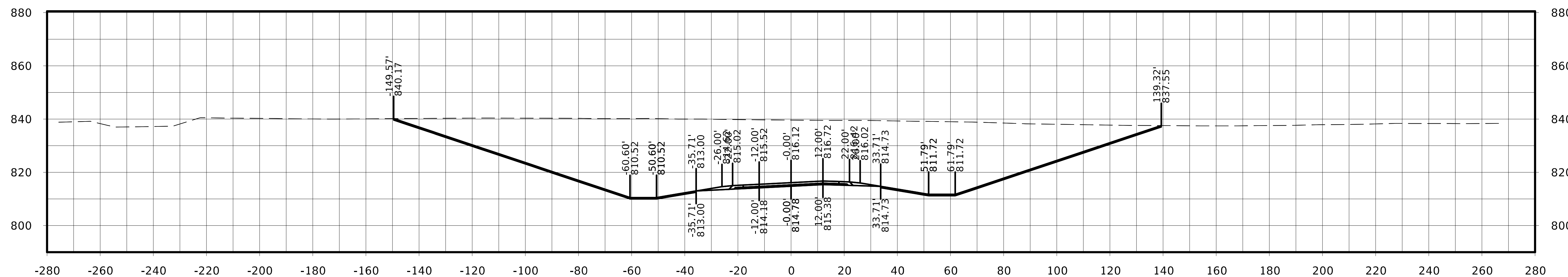


STA. 195+75.00

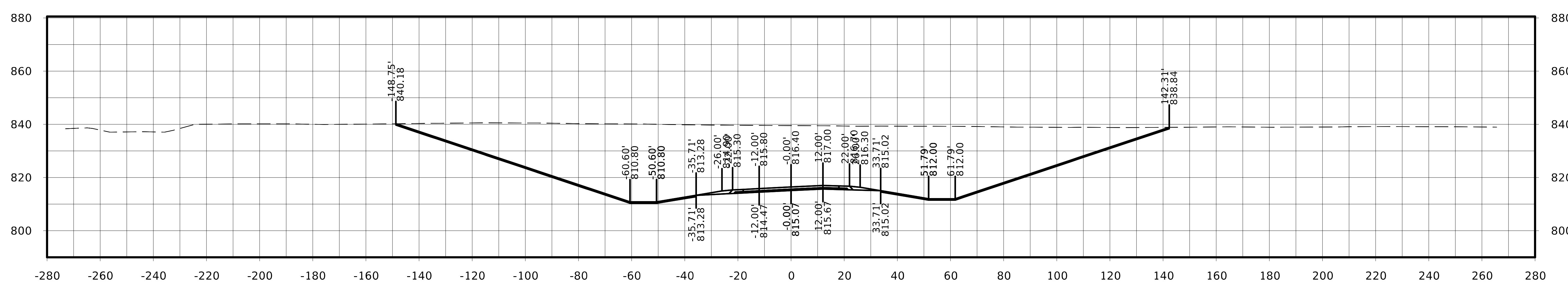
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.123



STA. 197+00.00

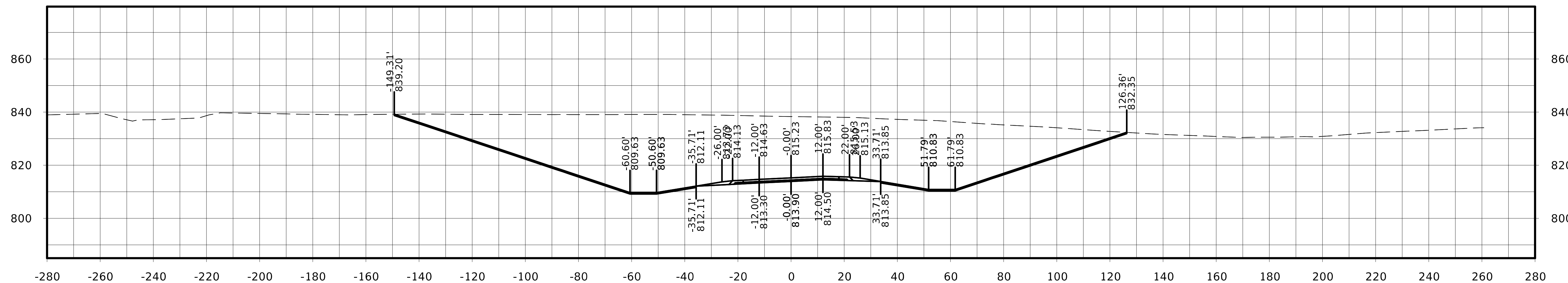


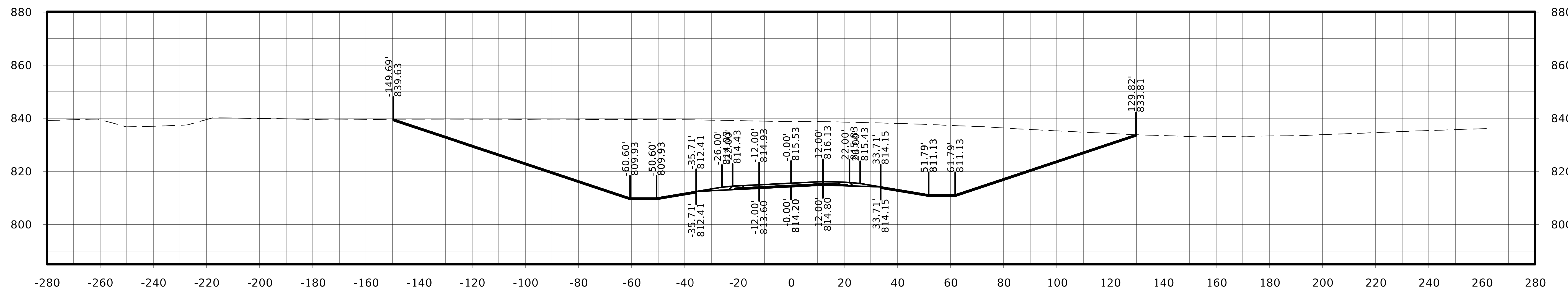
STA. 196+75.00

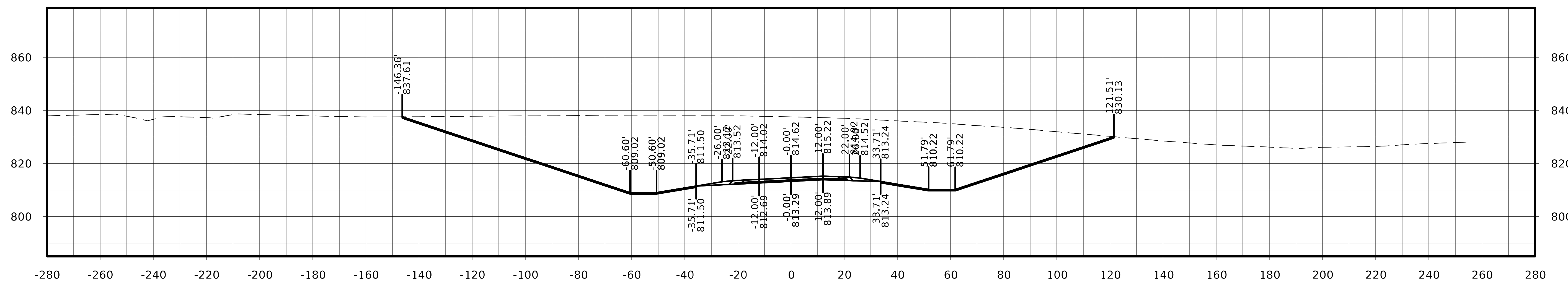


STA. 196+50.00

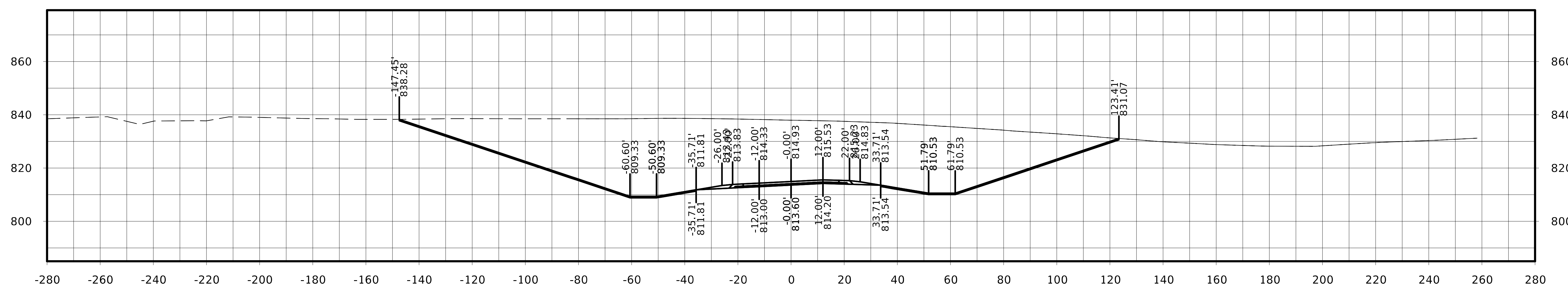
US 63



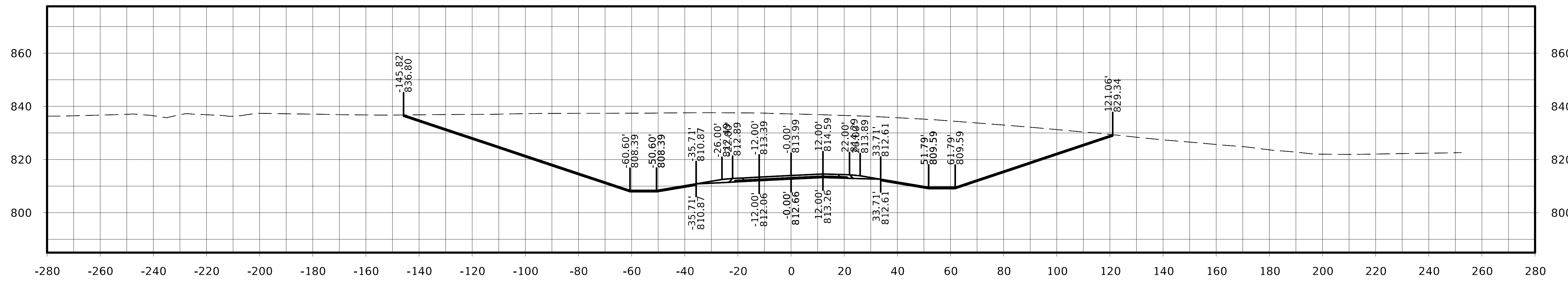




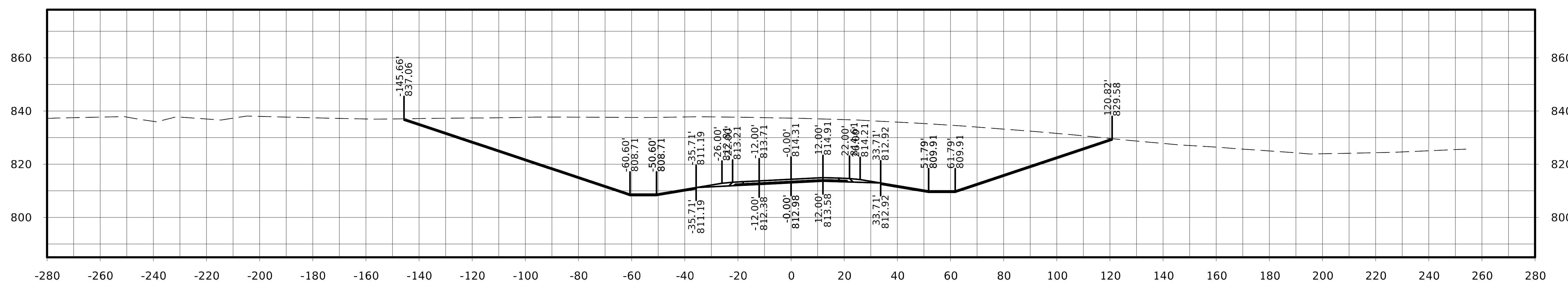
STA. 198+00.00



STA. 197+75.00

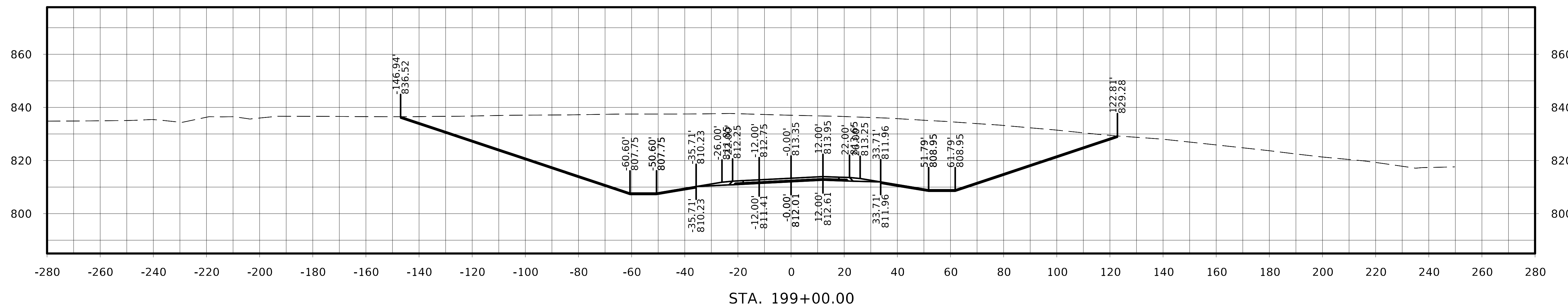


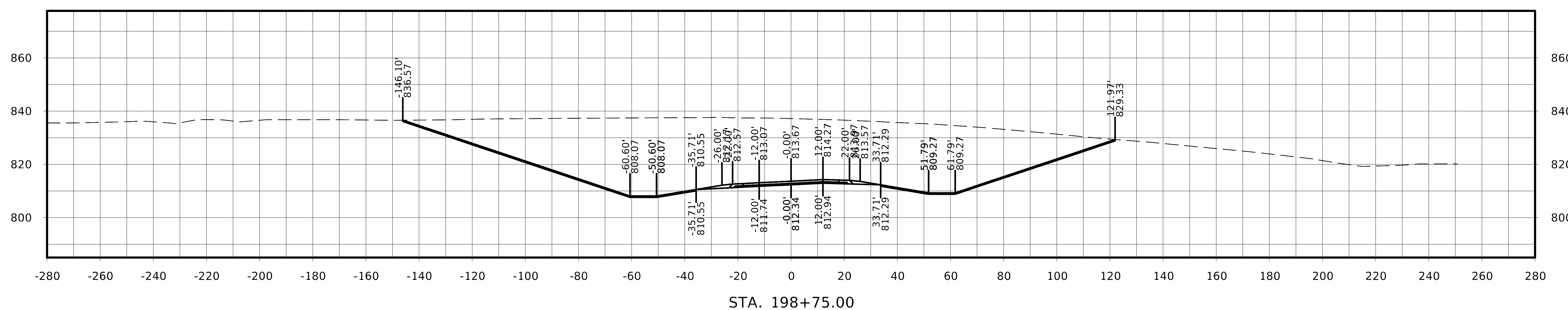
STA. 198+50.00



STA. 198+25.00

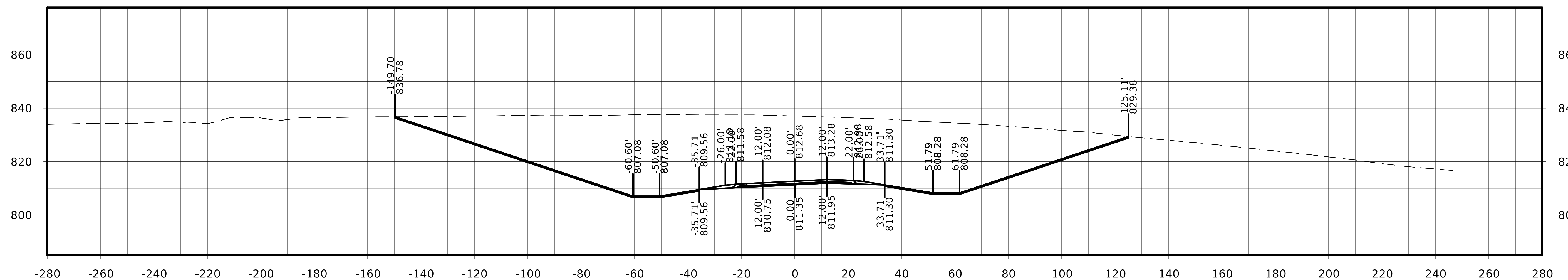
US 63



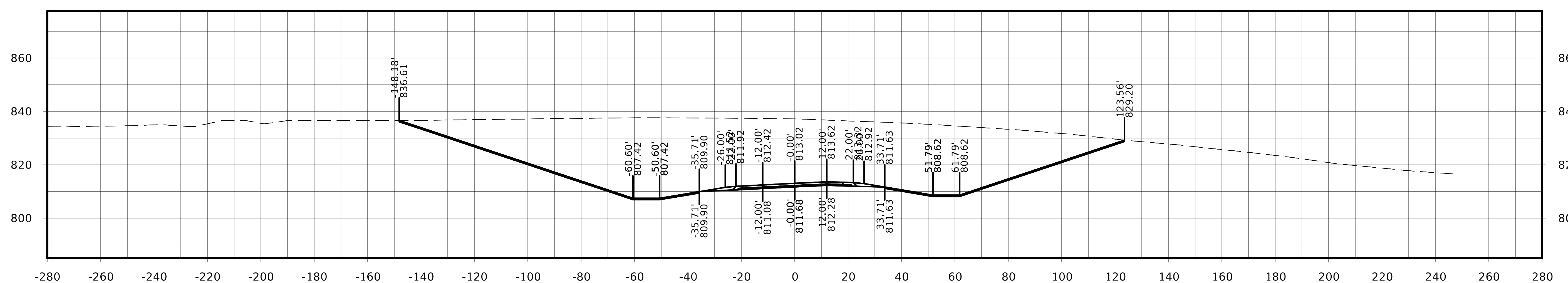


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.128

US 63

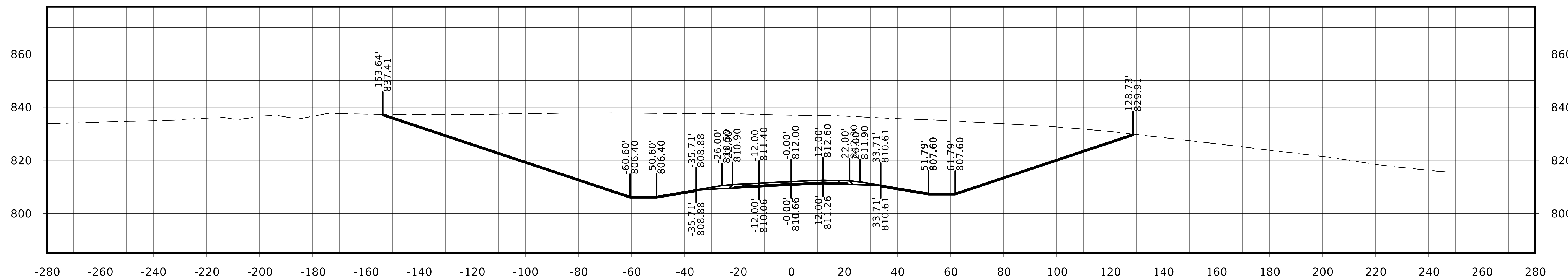


STA. 199+50.00

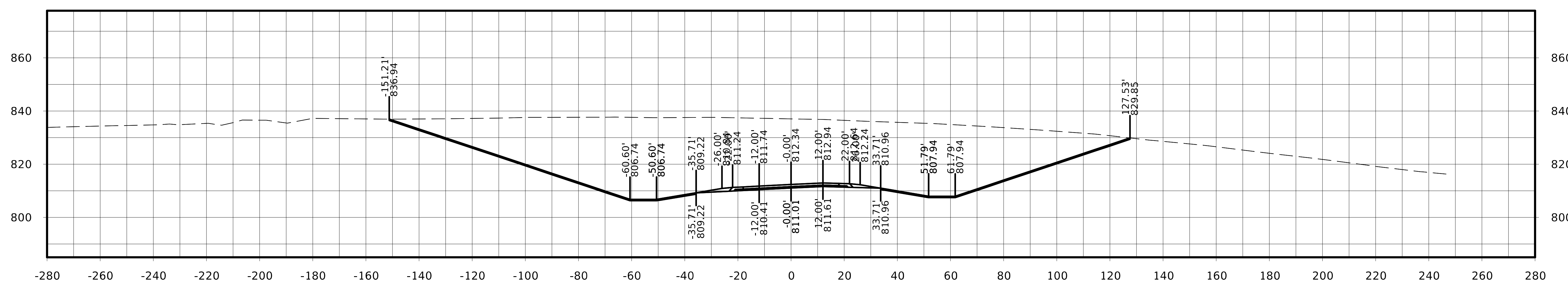


STA. 199+25.00

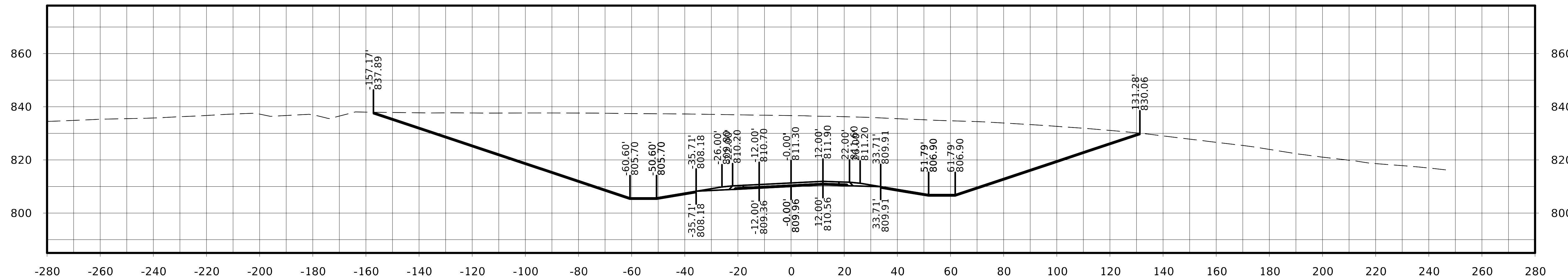
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.129



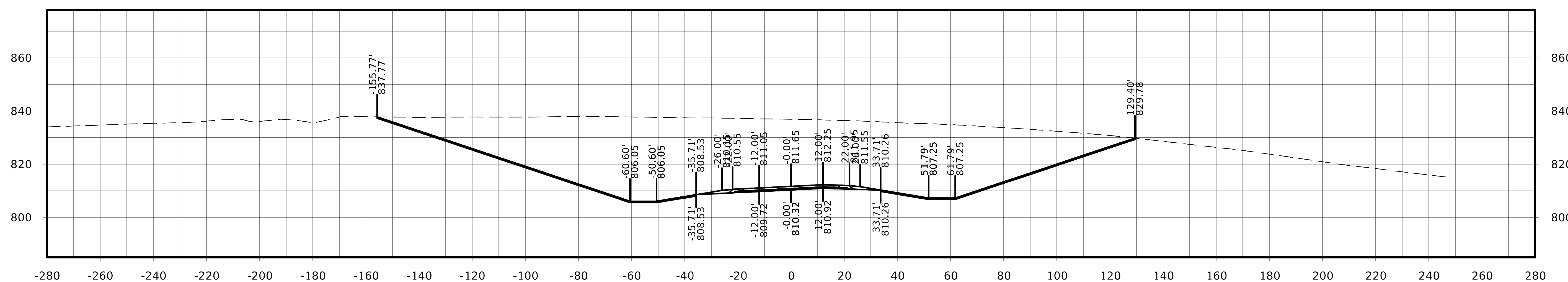
STA. 200+00.00



STA. 199+75.00

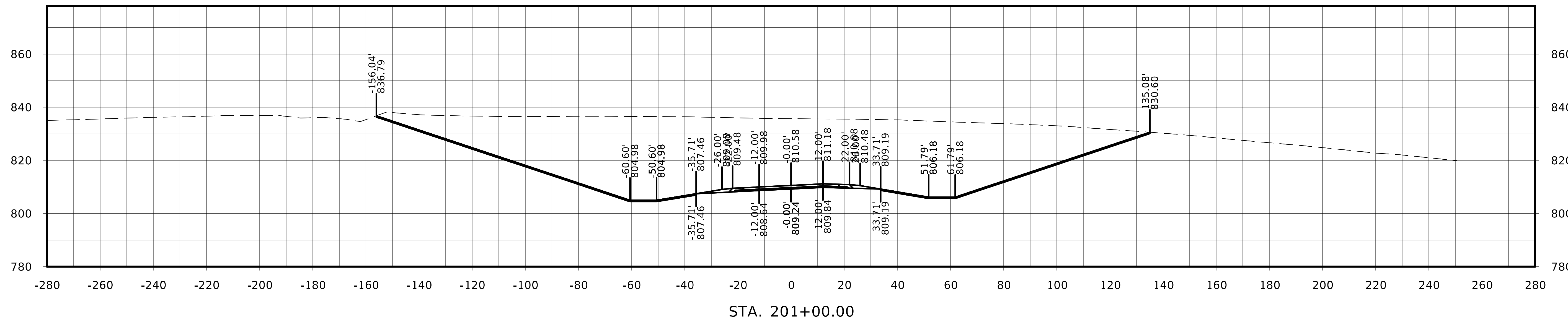


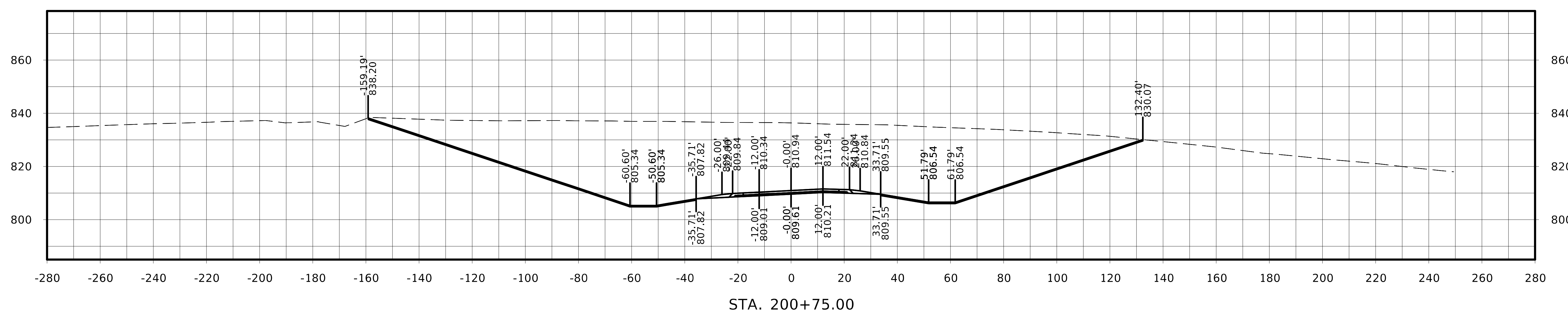
STA. 200+50.00



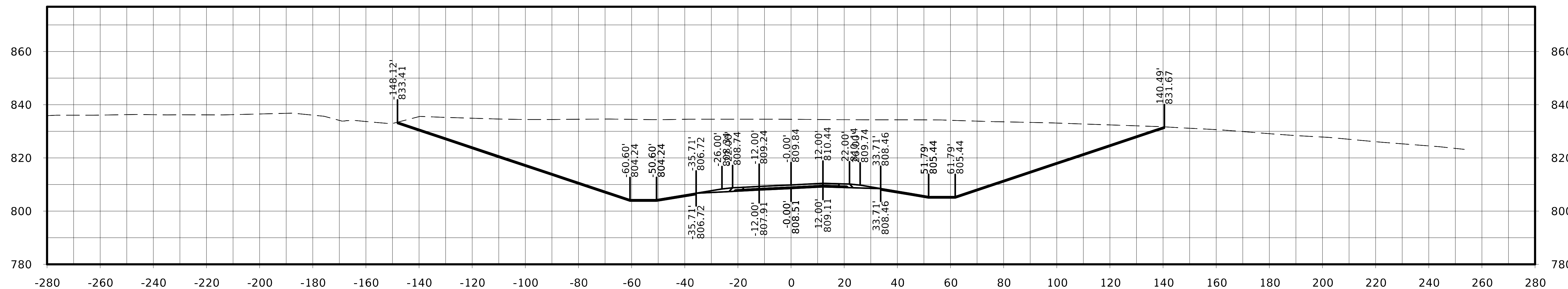
STA. 200+25.00

US 63

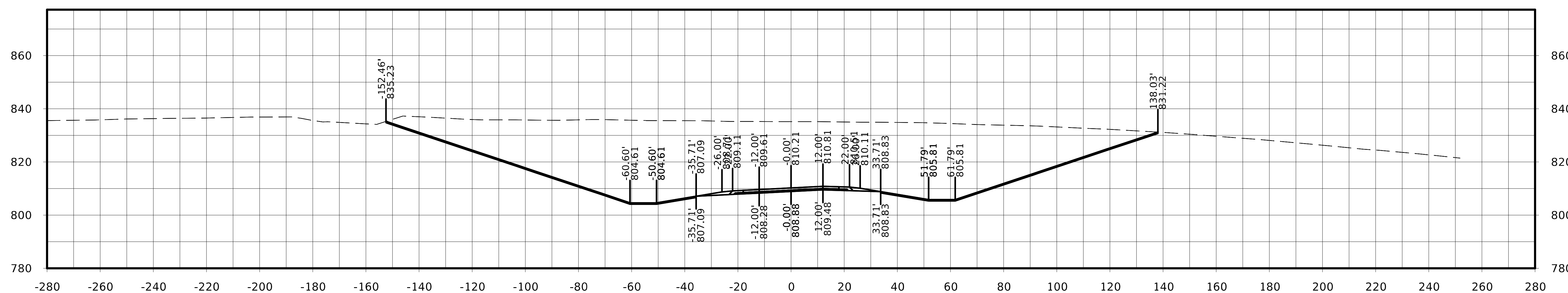




FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.132

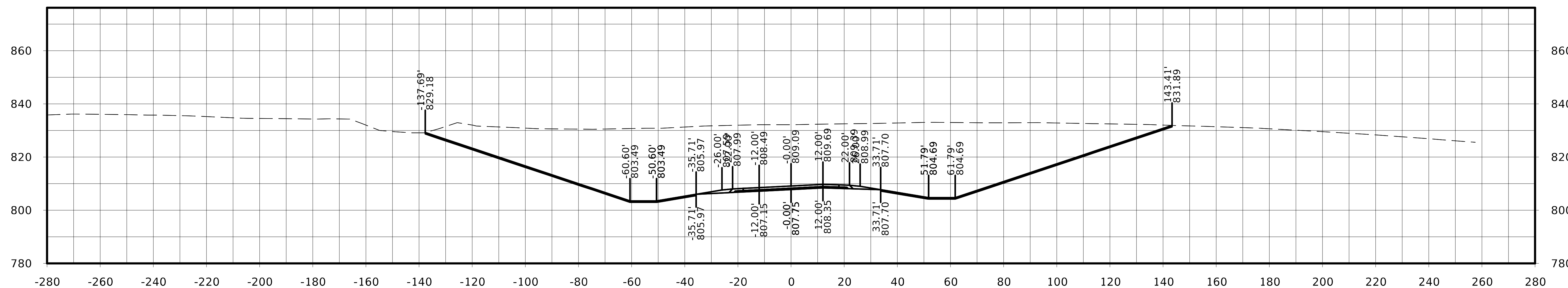


STA. 201+50.00

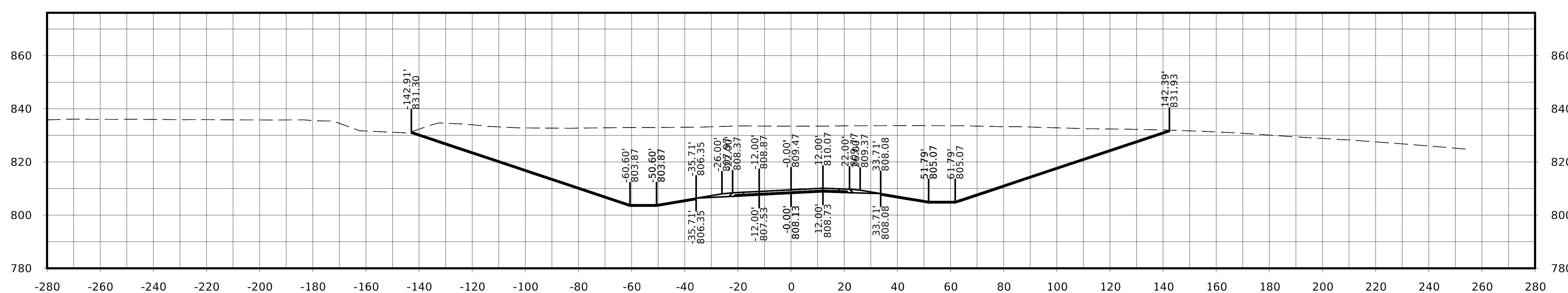


STA. 201+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.133

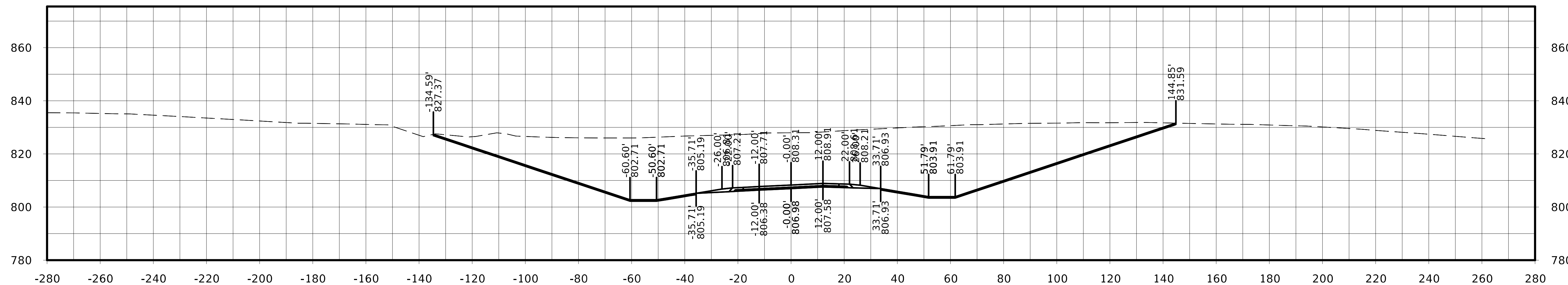


STA. 202+00.00

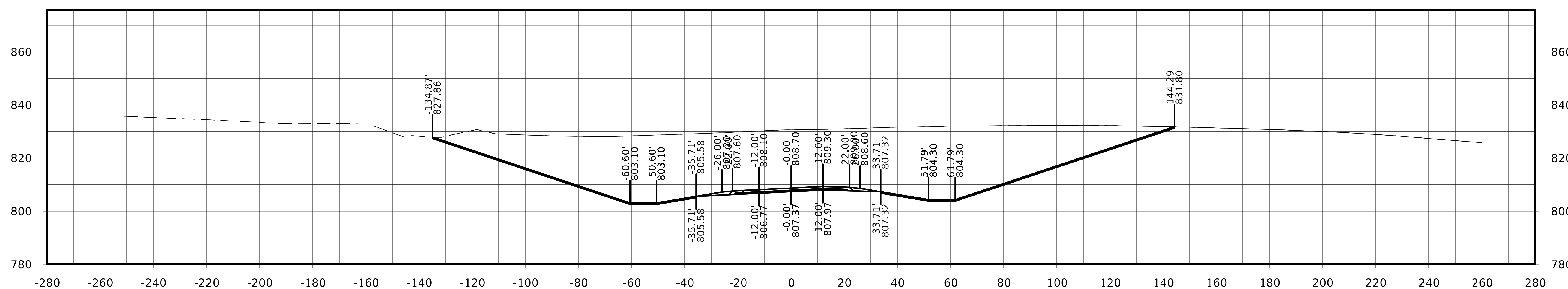


STA. 201+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.134

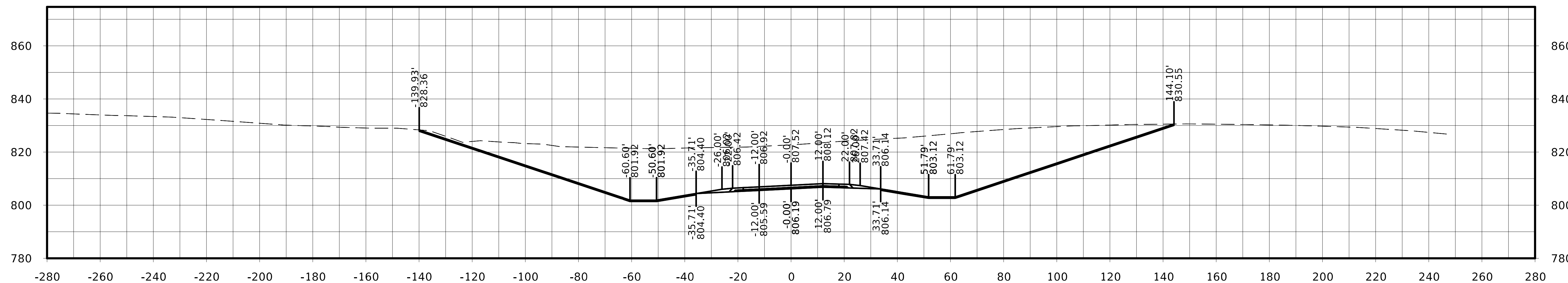


STA. 202+50.00

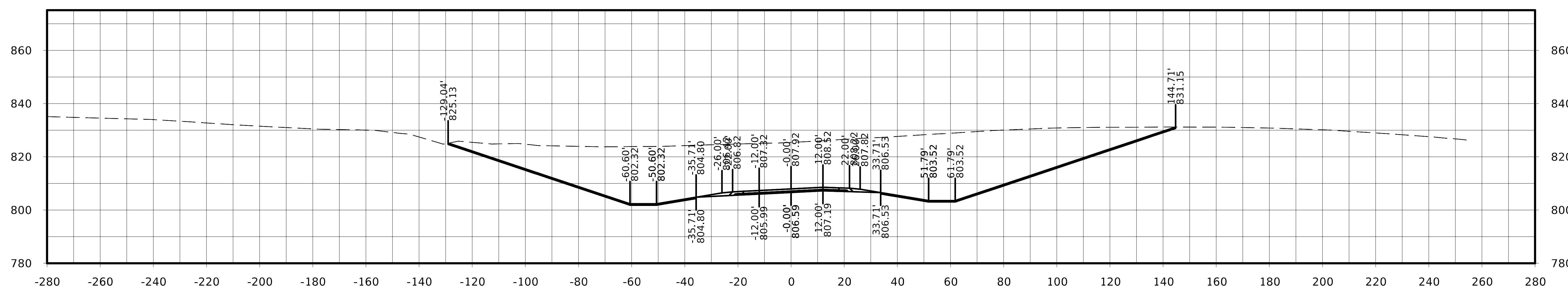


STA. 202+25.00

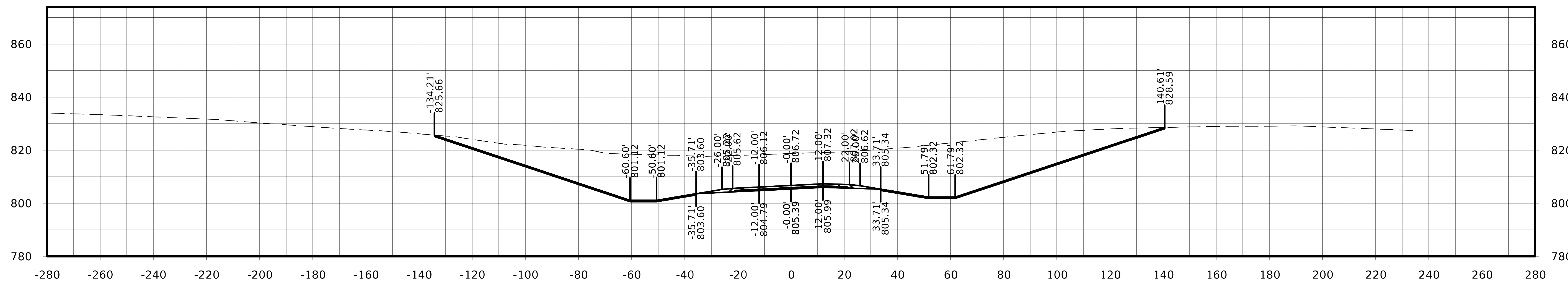
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.135



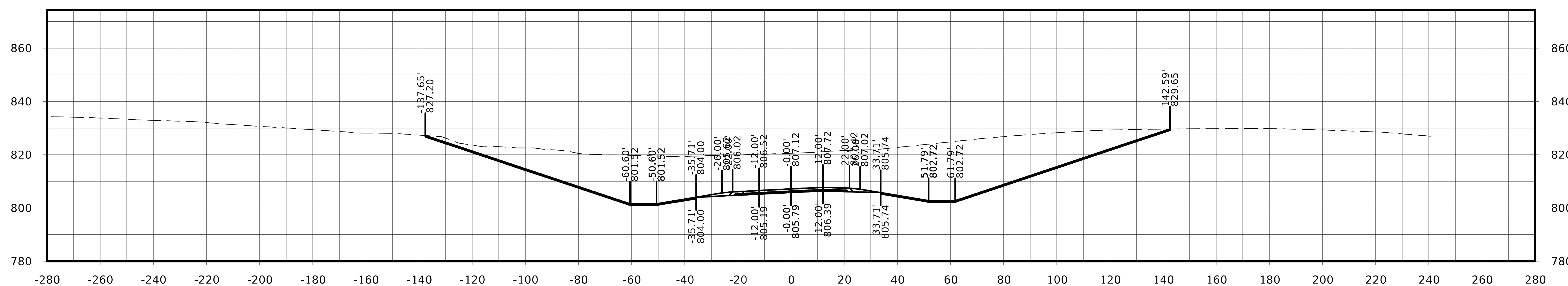
STA. 203+00.00



STA. 202+75.00

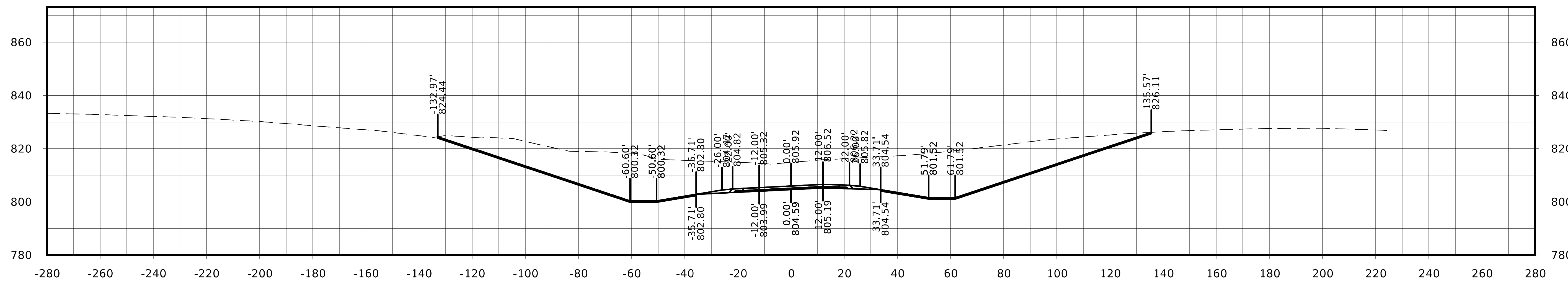


STA. 203+50.00

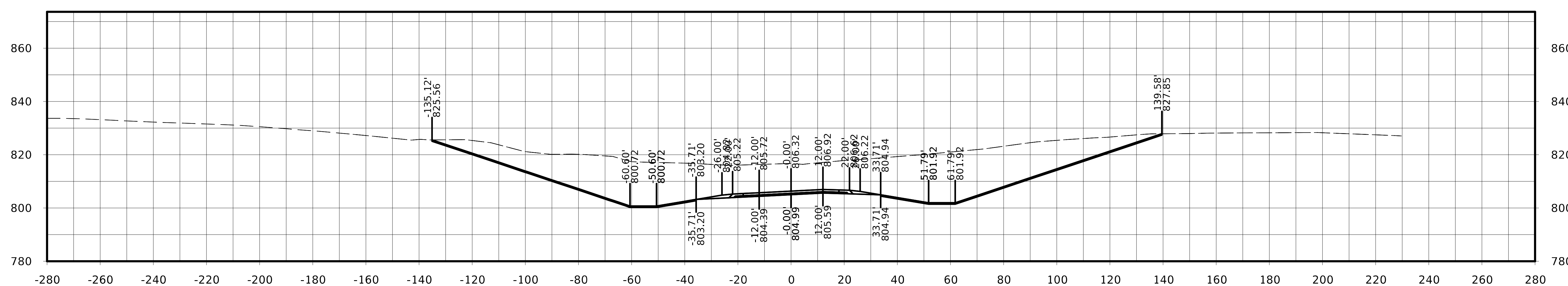


STA. 203+25.00

US 63



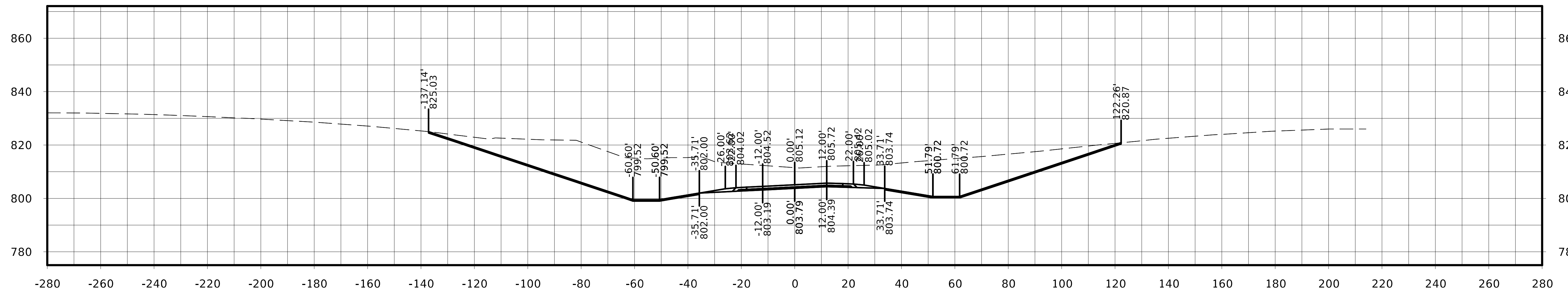
STA. 204+00.00



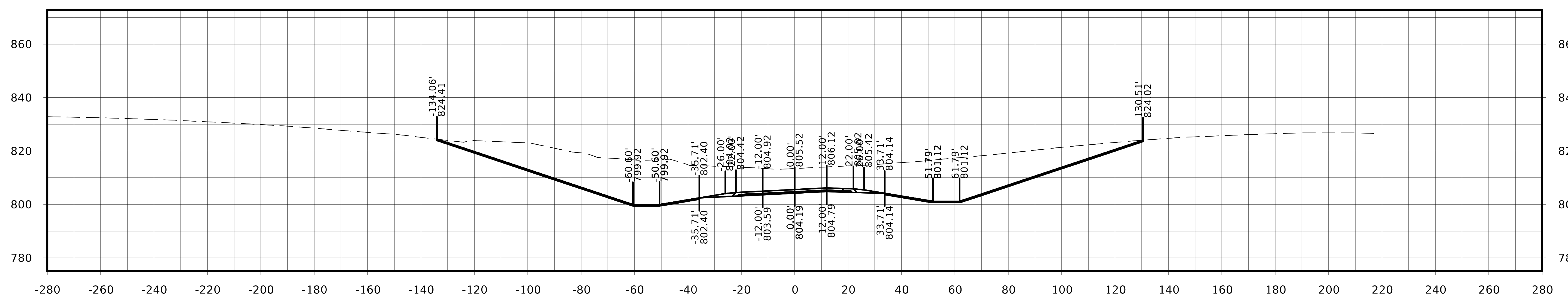
STA. 203+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.138

US 63

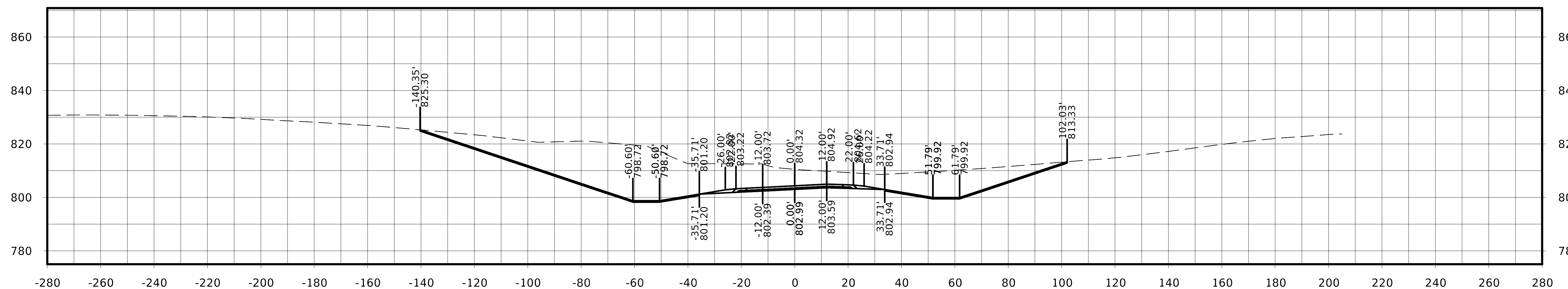


STA. 204+50.00

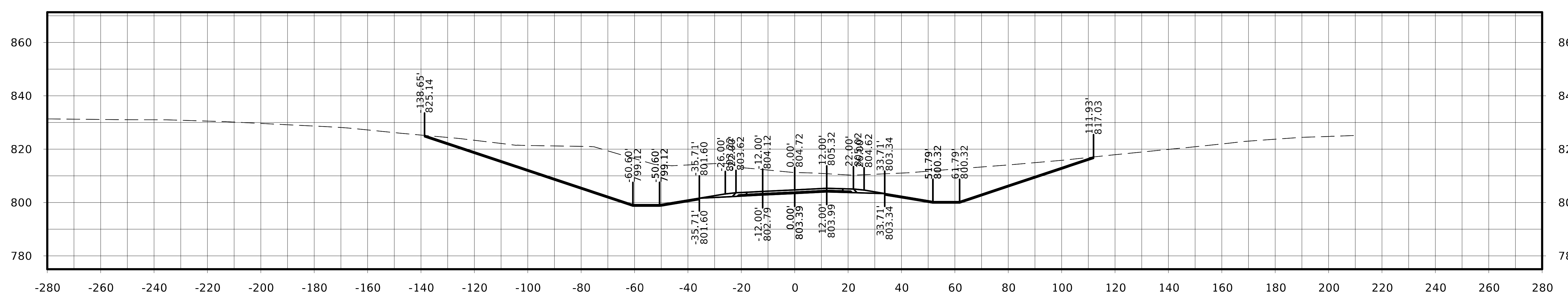


STA. 204+25.00

US 63

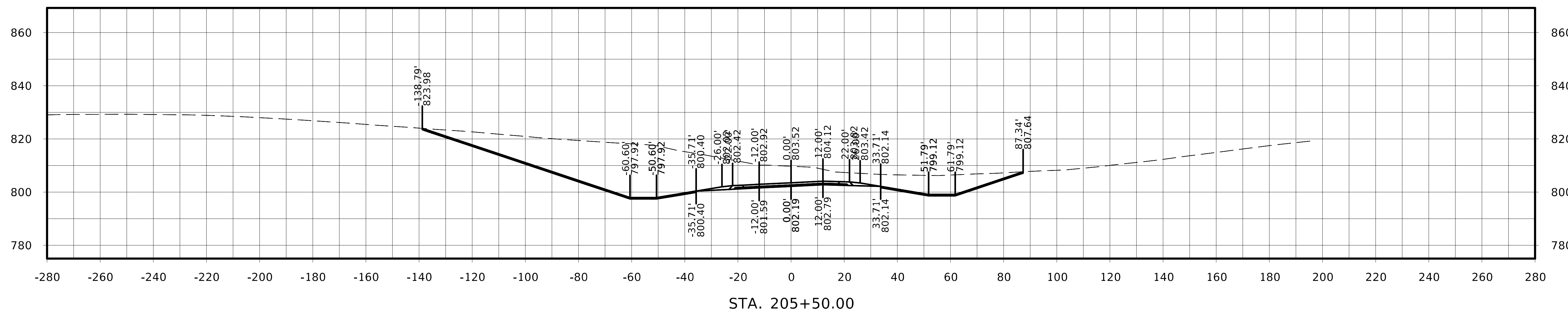


STA. 205+00.00

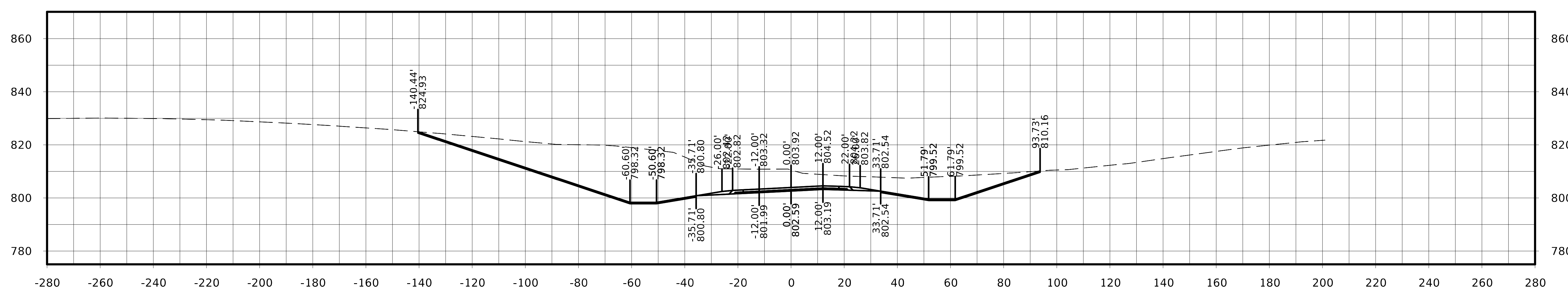


STA. 204+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.140

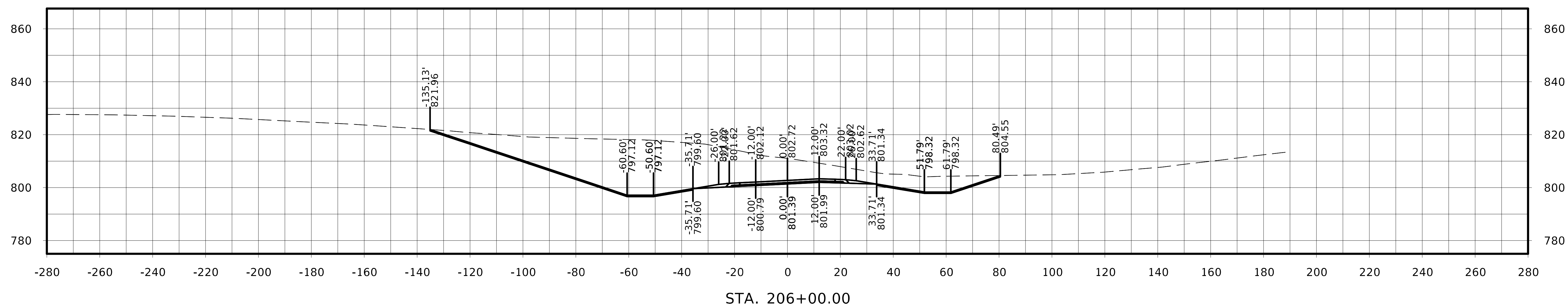


STA. 205+50.00

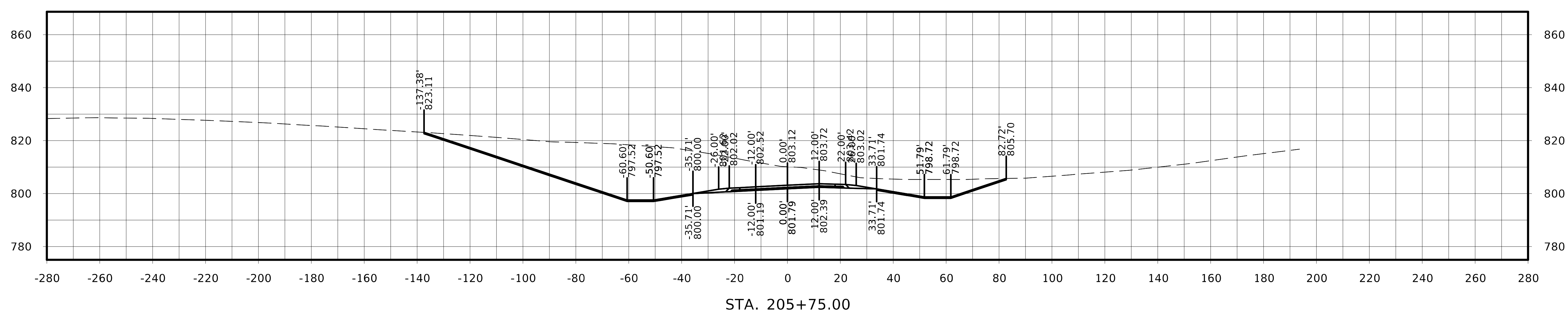


STA. 205+25.00

US 63



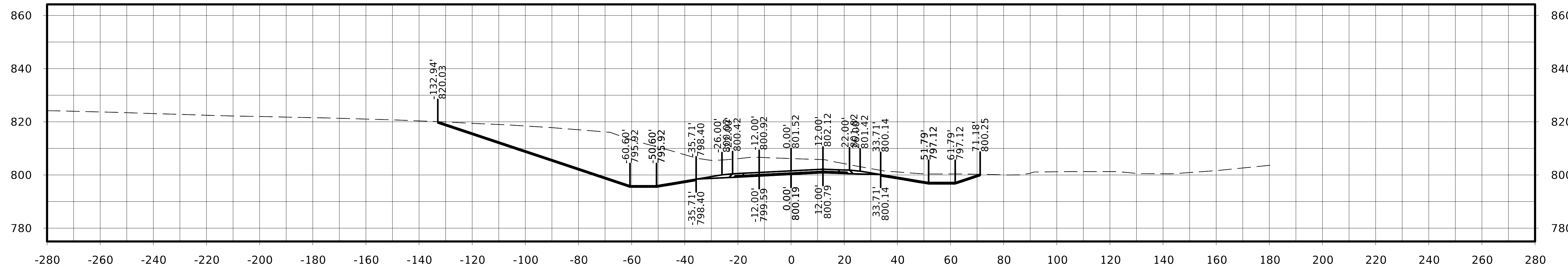
STA. 206+00.00



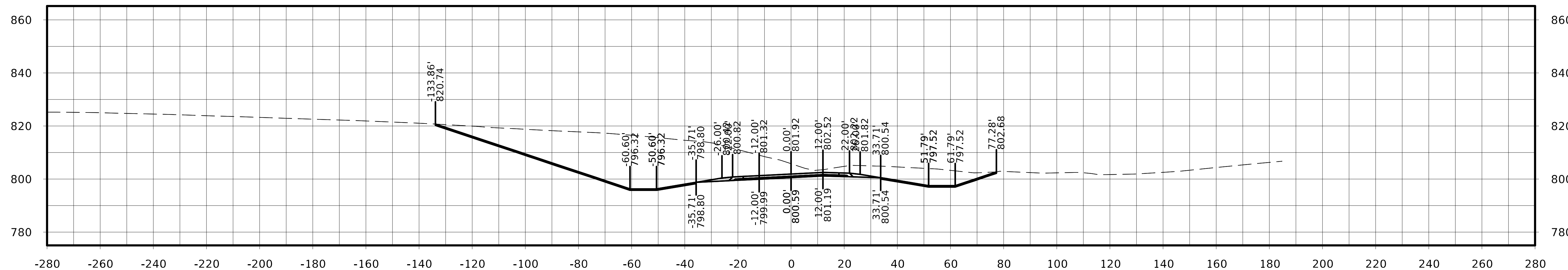
STA. 205+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.142

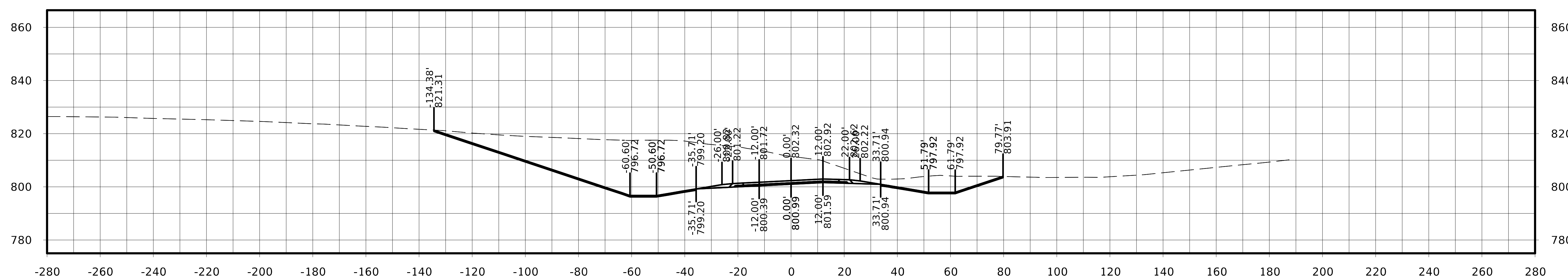
US 63



STA. 206+75.00

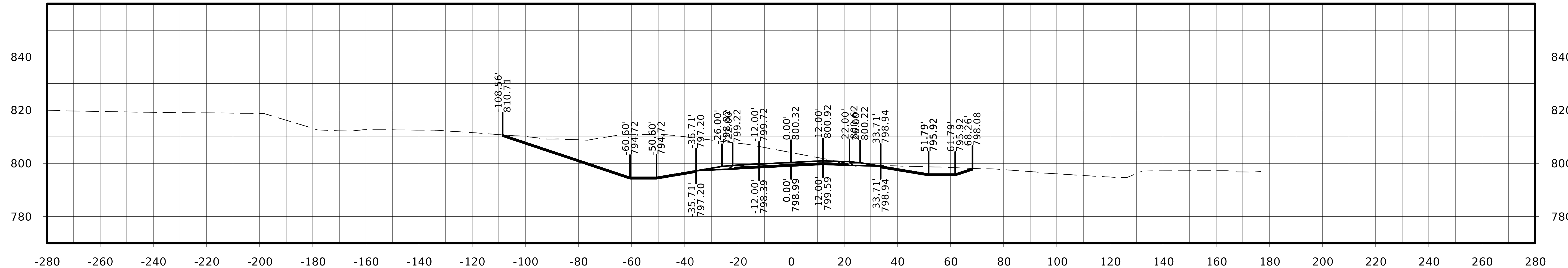


STA. 206+50.00

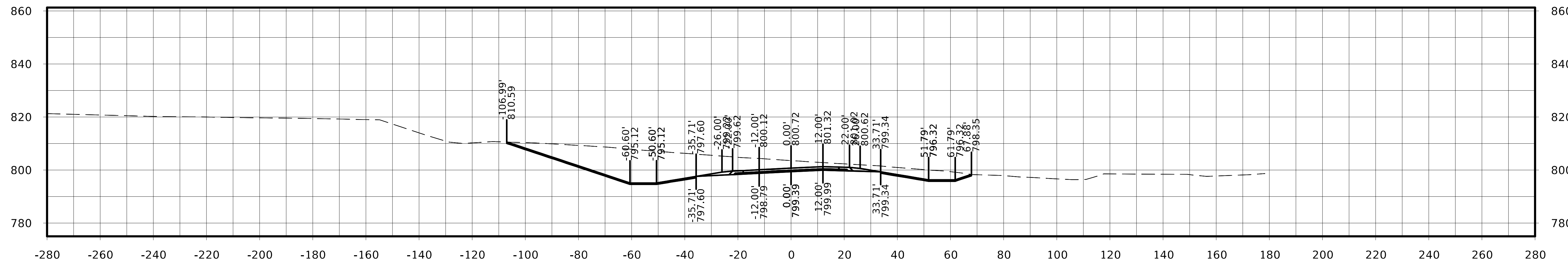


STA. 206+25.00

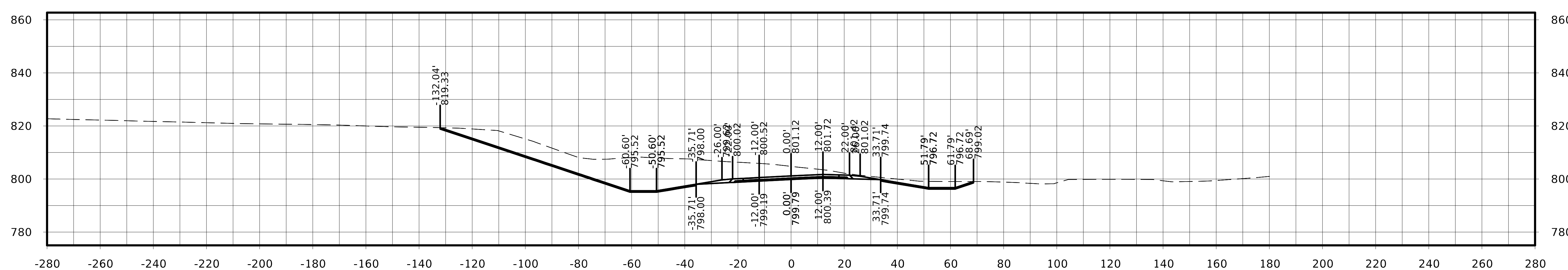
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.143



STA. 207+50.00

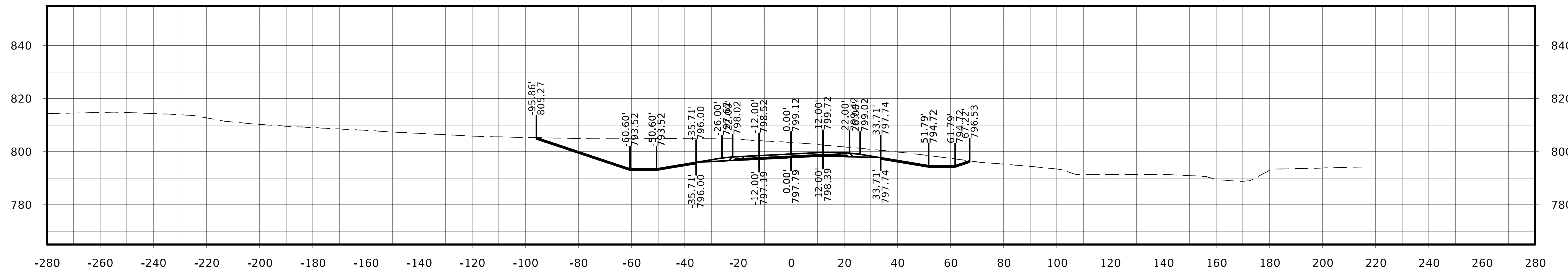


STA. 207+25.00

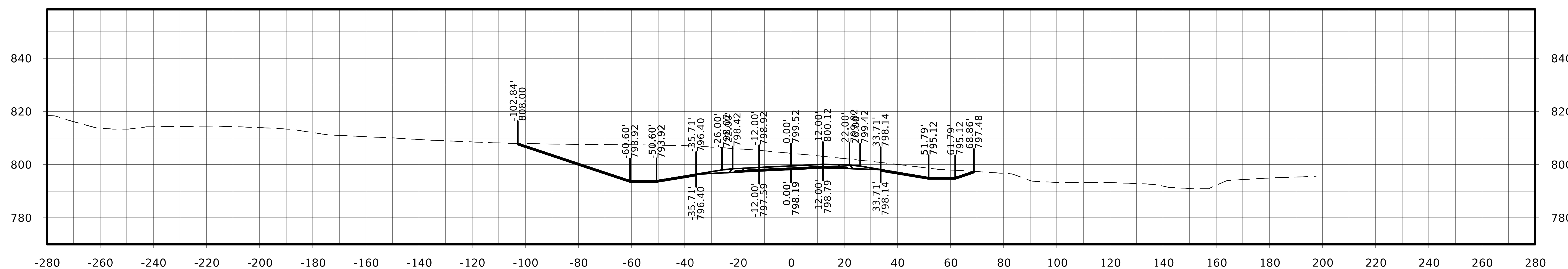


STA. 207+00.00

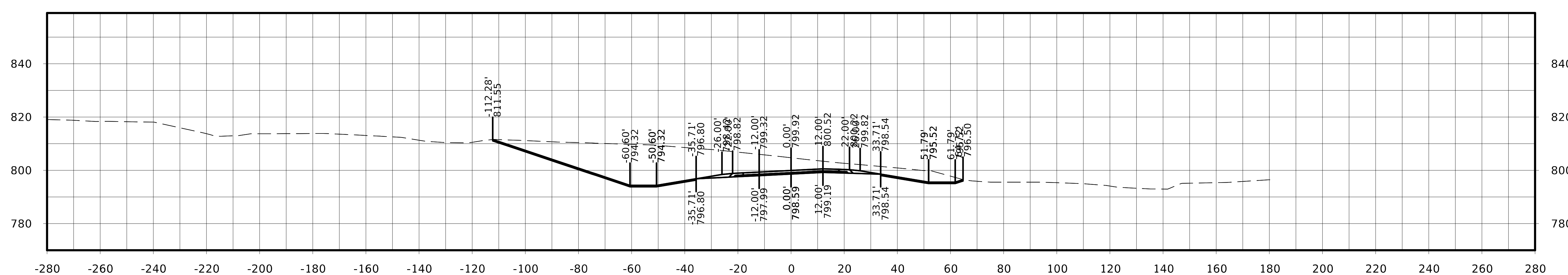
US 63



STA. 208+25.00

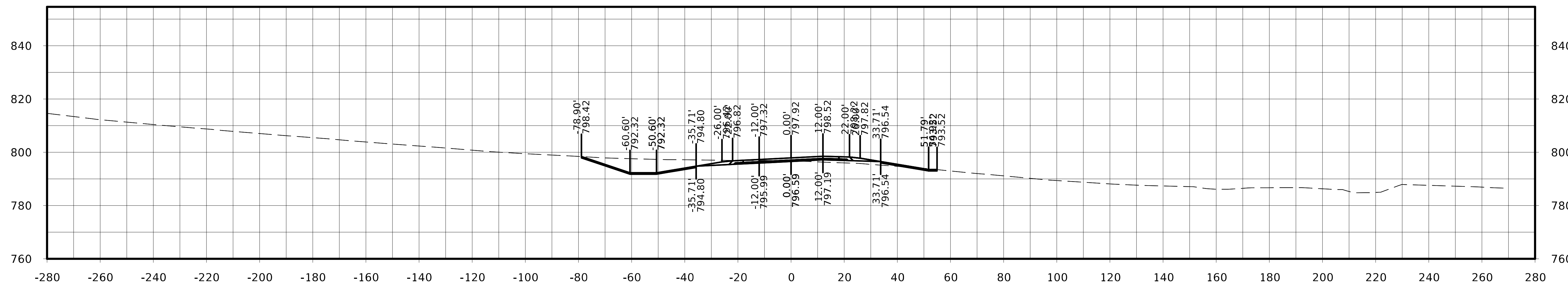


STA. 208+00.00

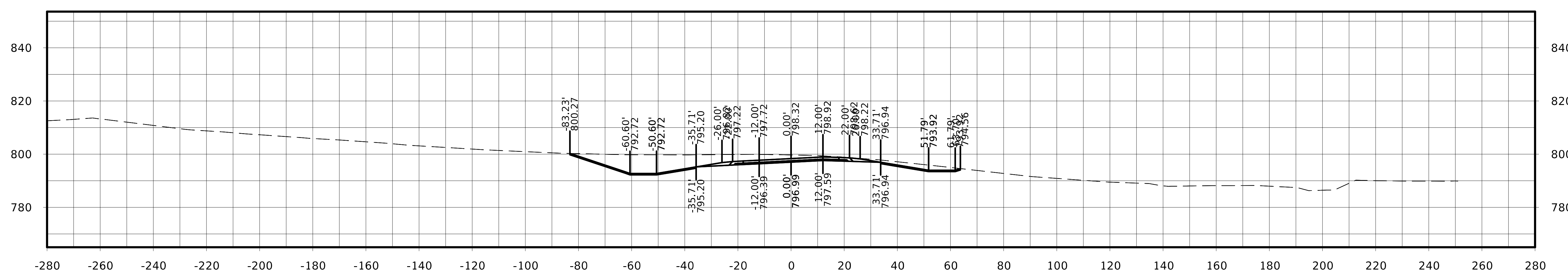


STA. 207+75.00

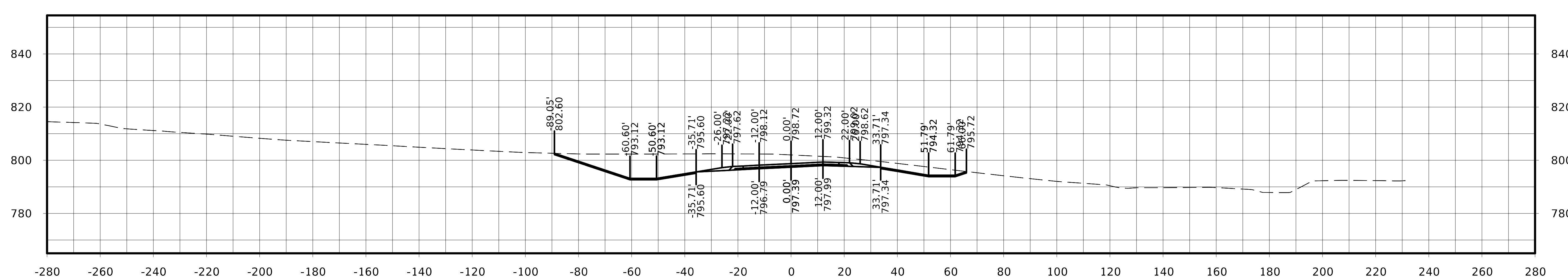
US 63



STA. 209+00.00

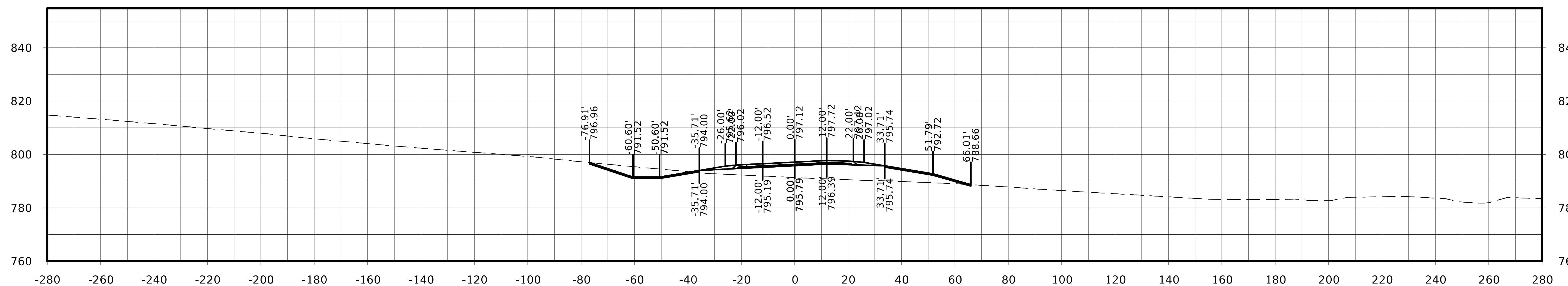


STA. 208+75.00

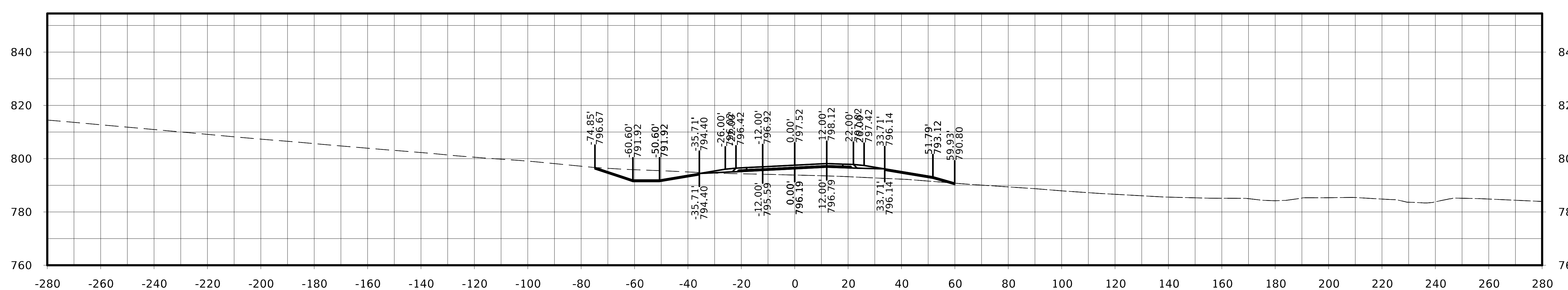


STA. 208+50.00

US 63

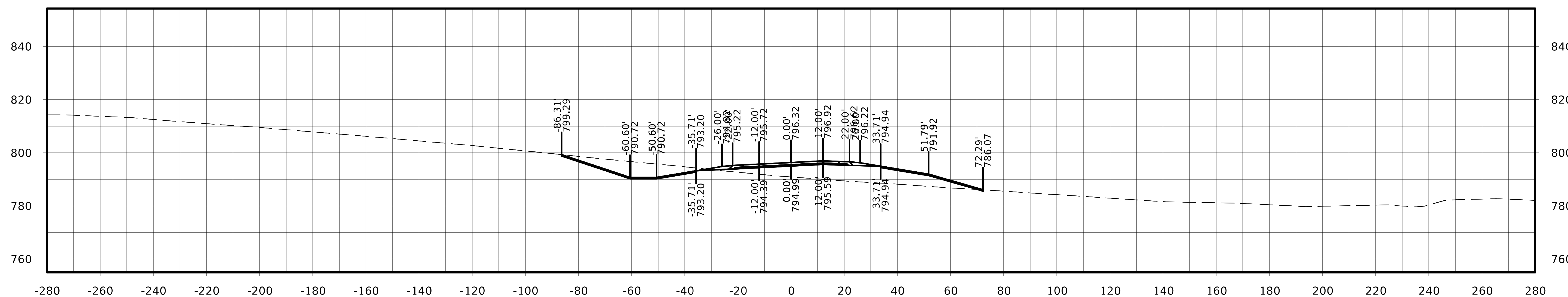


STA. 209+50.00

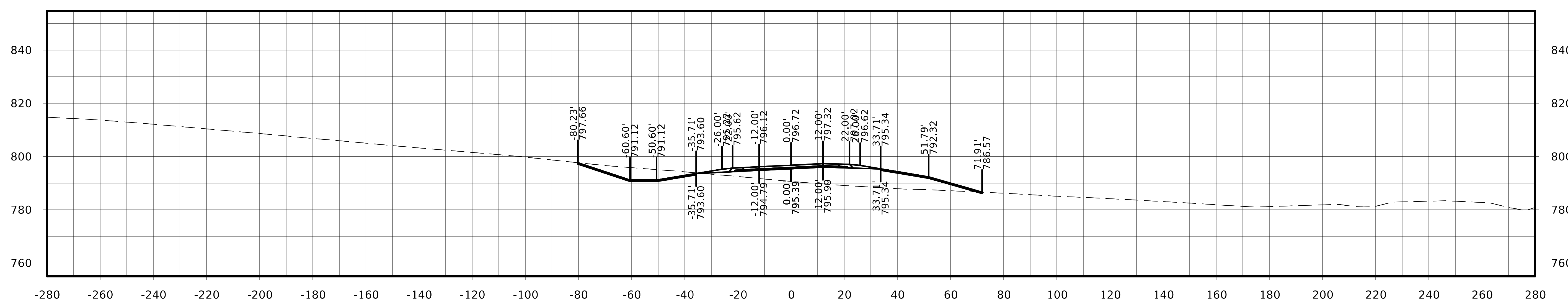


STA. 209+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.147

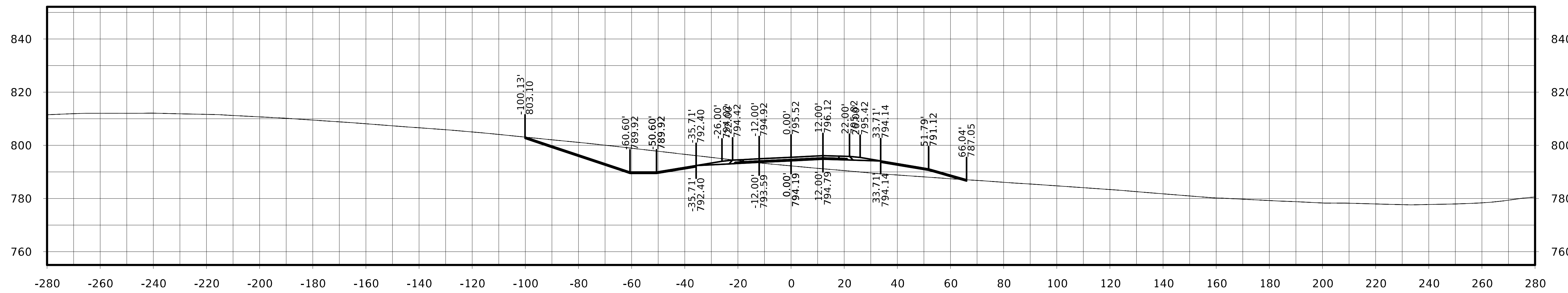


STA. 210+00.00

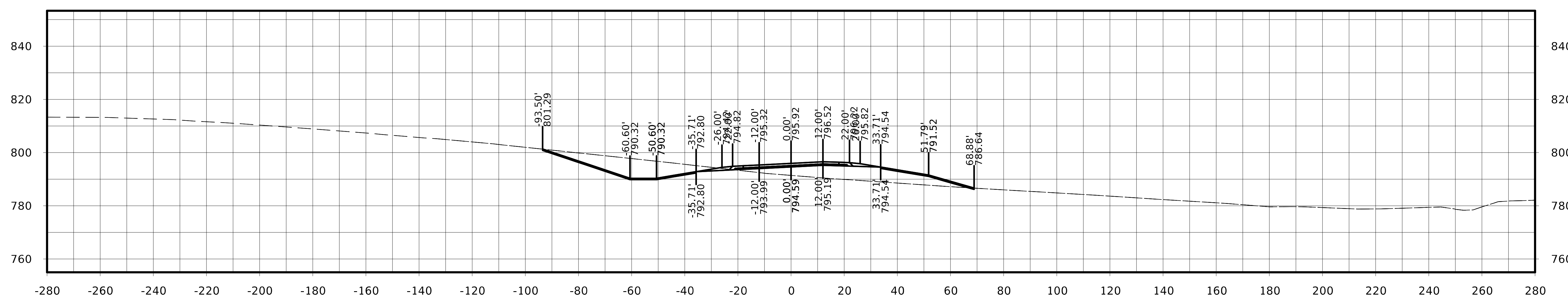


STA. 209+75.00

US 63



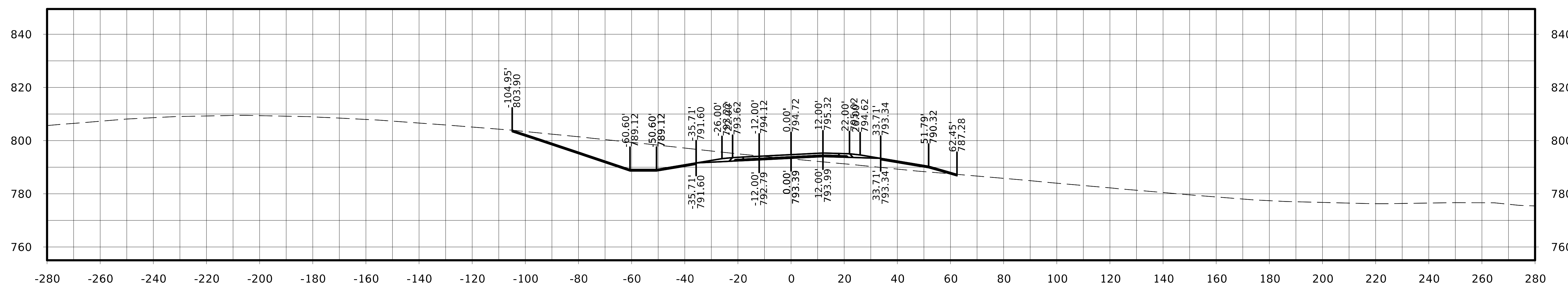
STA. 210+50.00



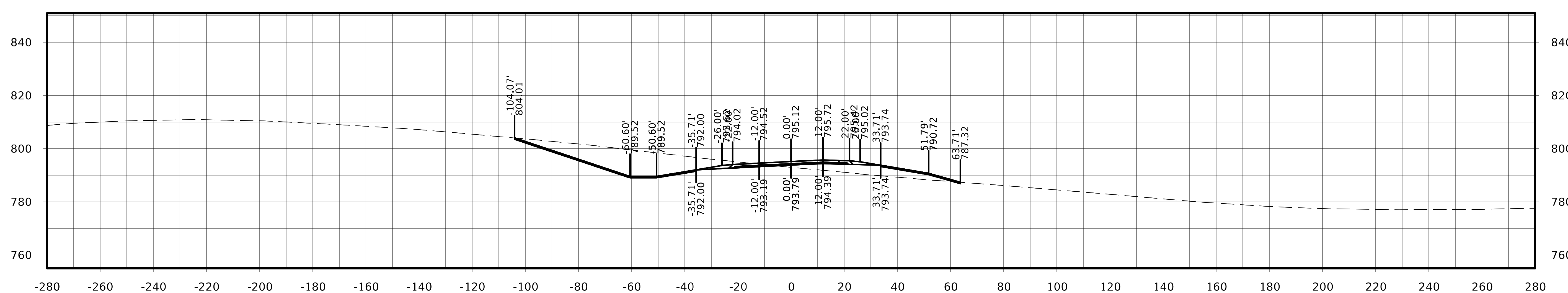
STA. 210+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.149

US 63



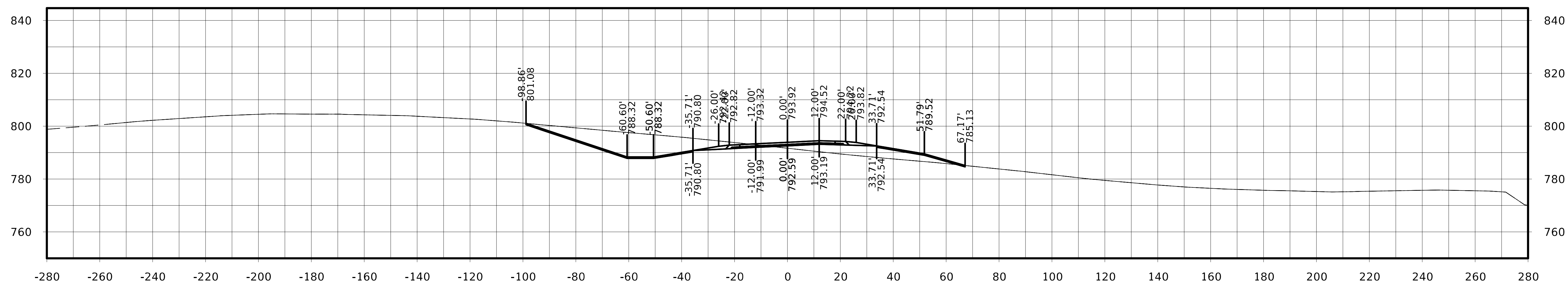
STA. 211+00.00



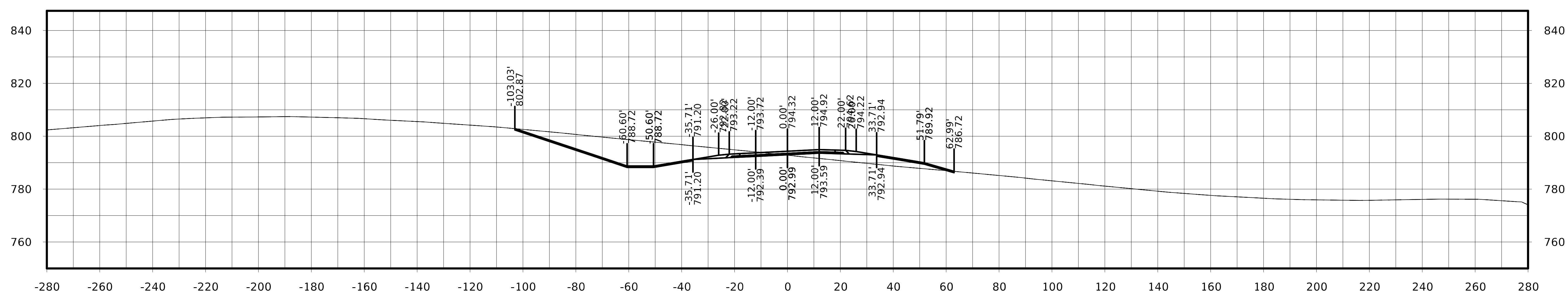
STA. 210+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.150

US 63



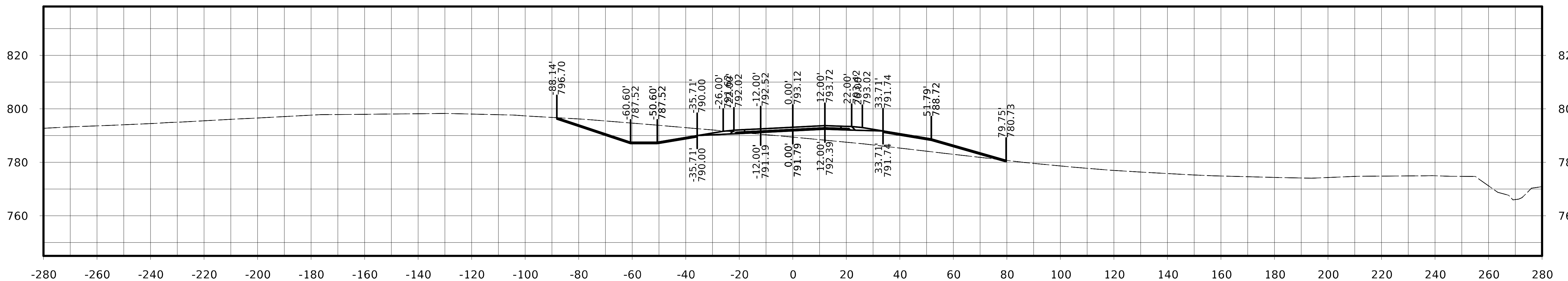
STA. 211+50.00



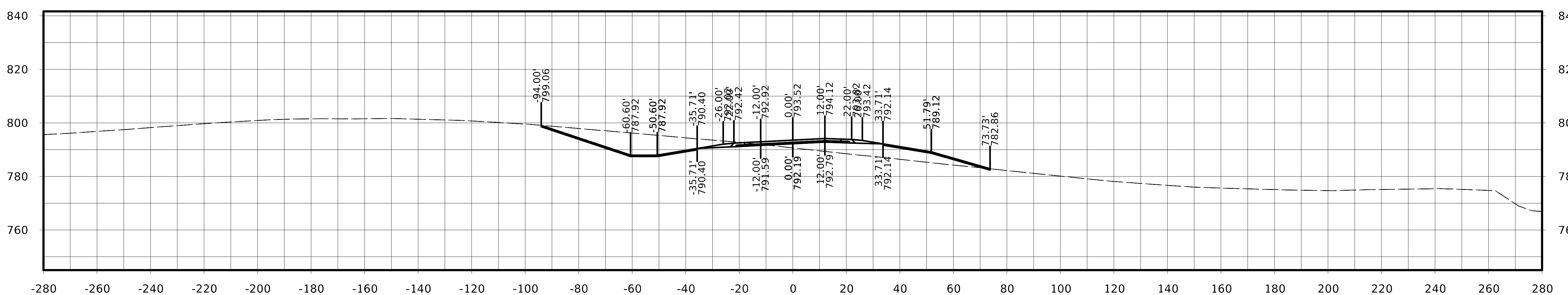
STA. 211+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.151

US 63



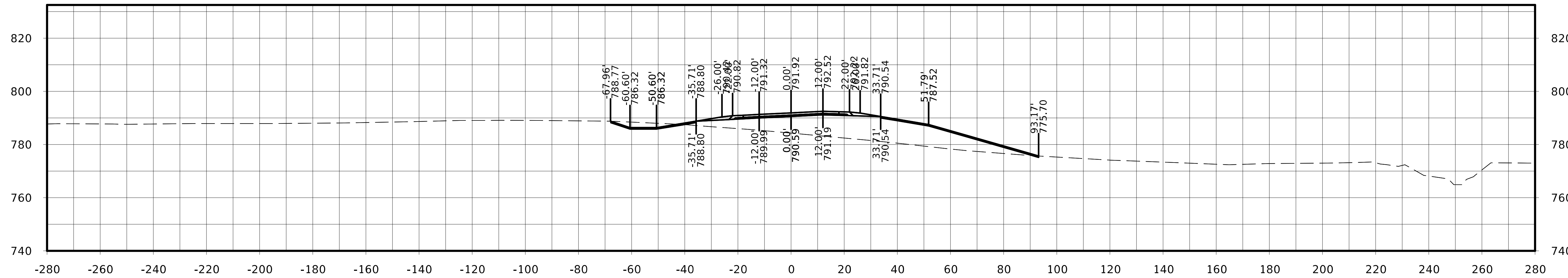
STA. 212+00.00



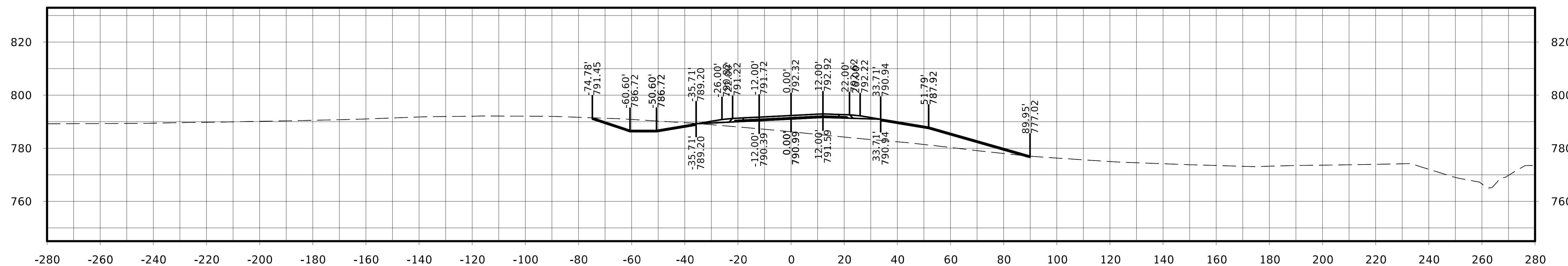
STA. 211+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.152

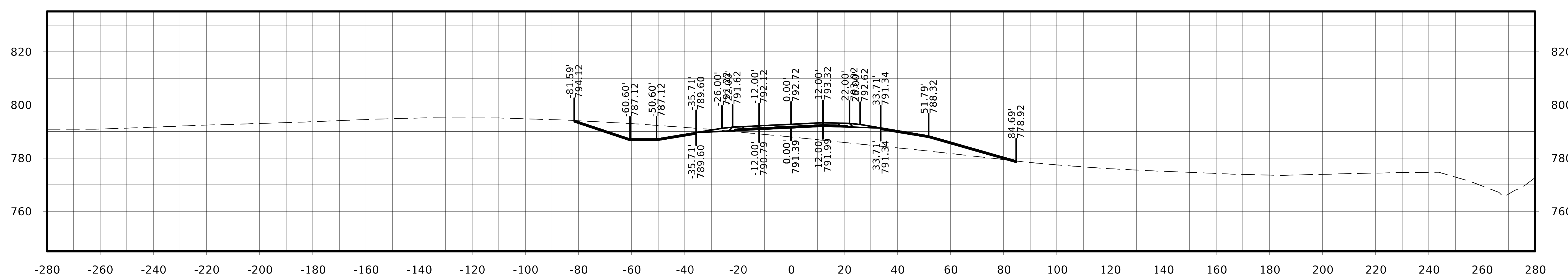
US 63



STA. 212+75.00



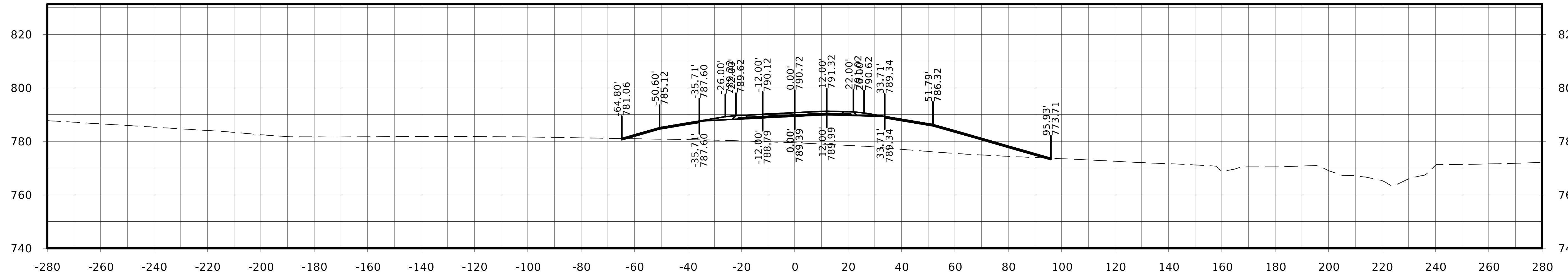
STA. 212+50.00

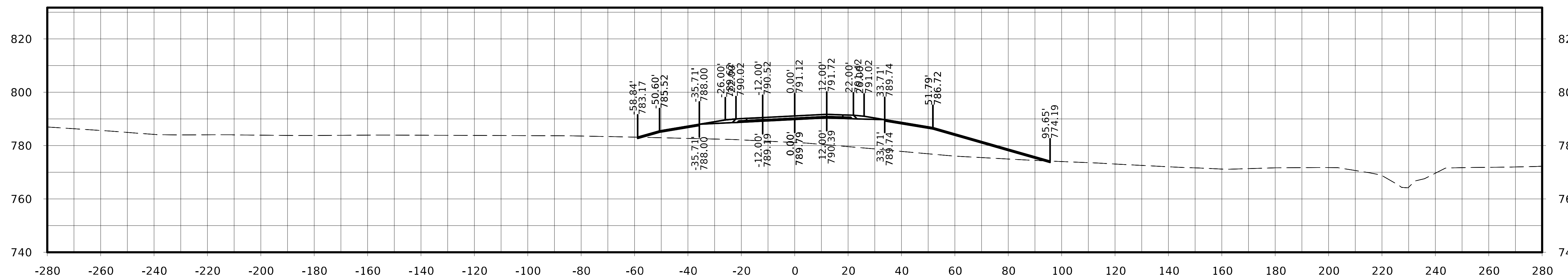


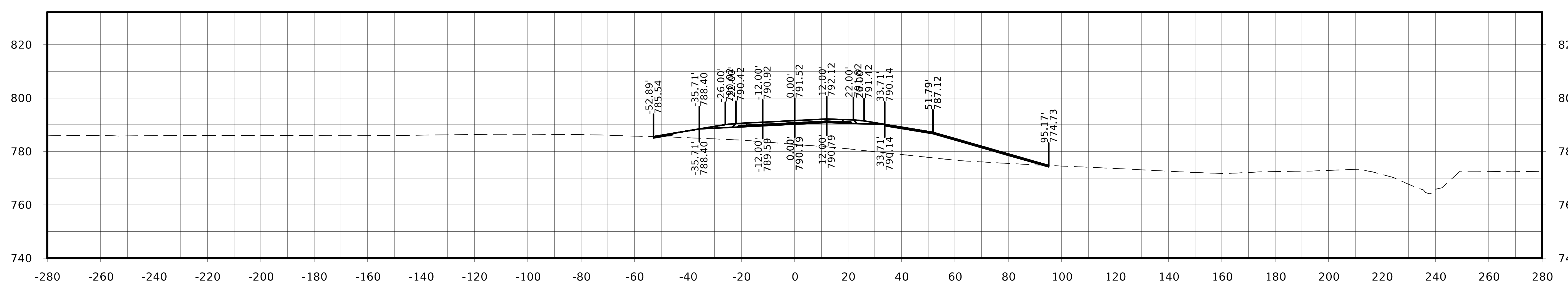
STA. 212+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.153

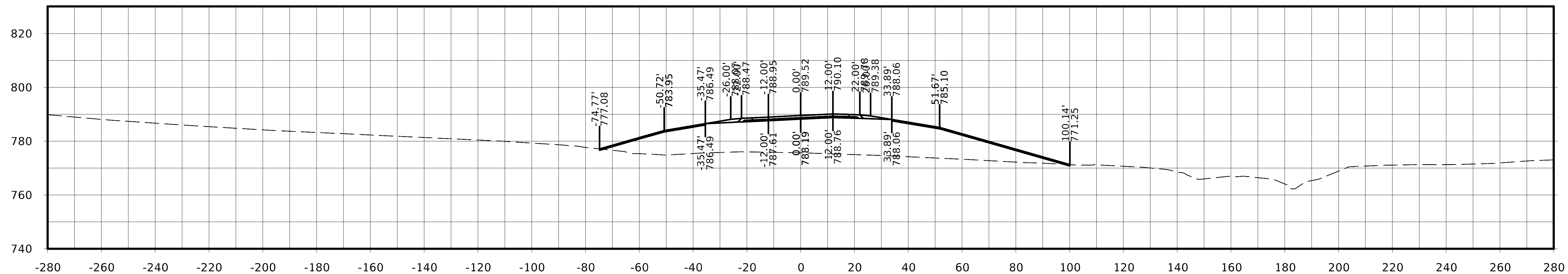
US 63



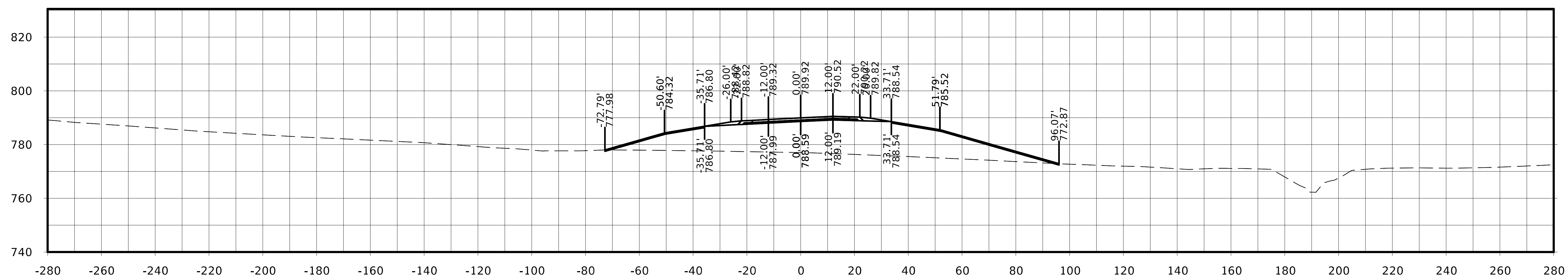




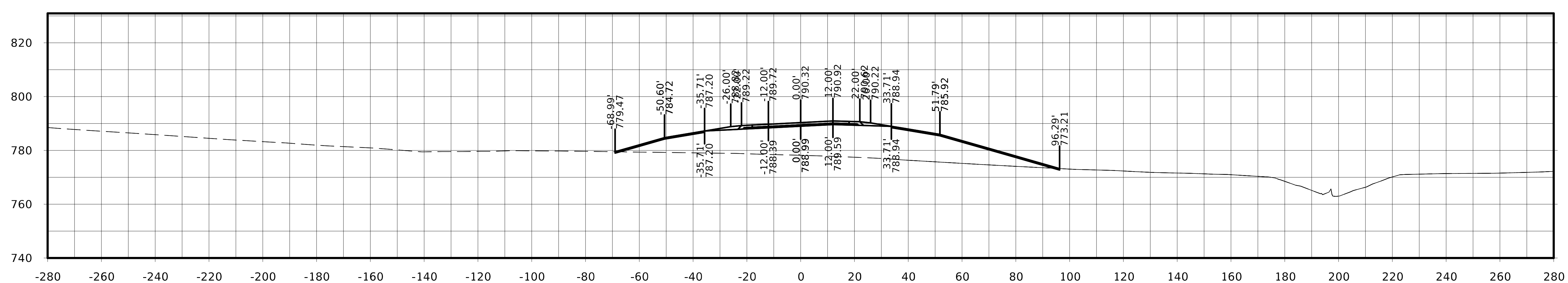
US 63



STA. 214+25.00



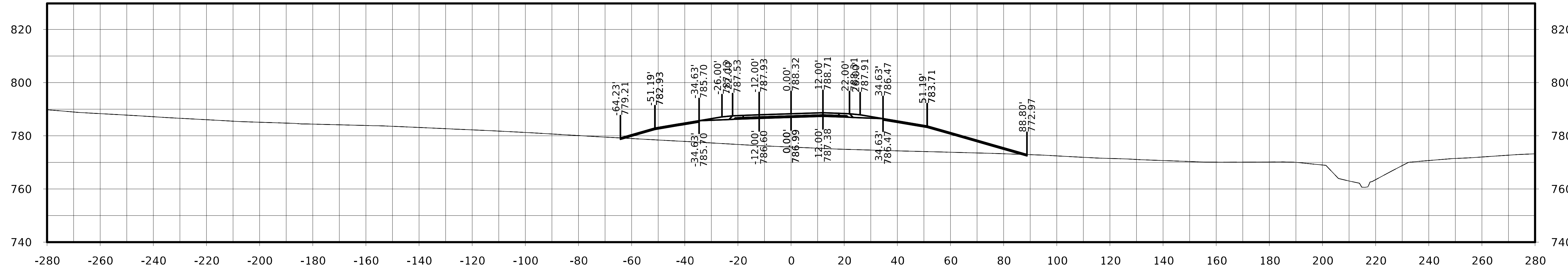
STA. 214+00.00



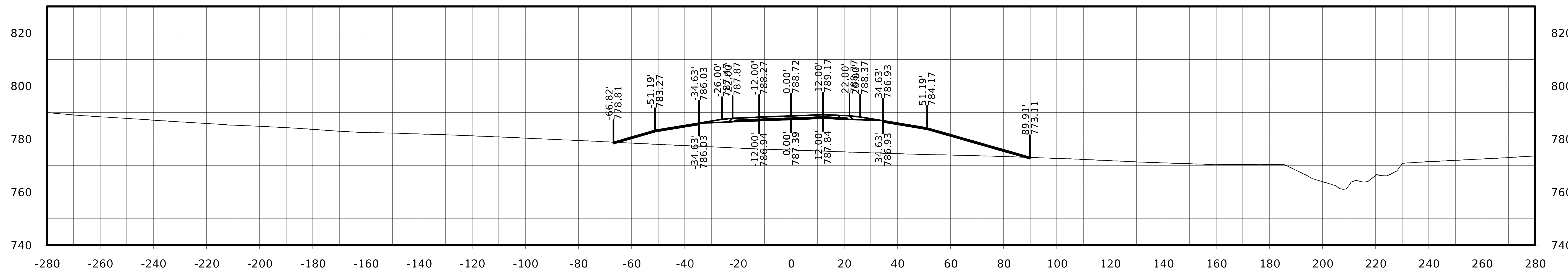
STA. 213+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.155

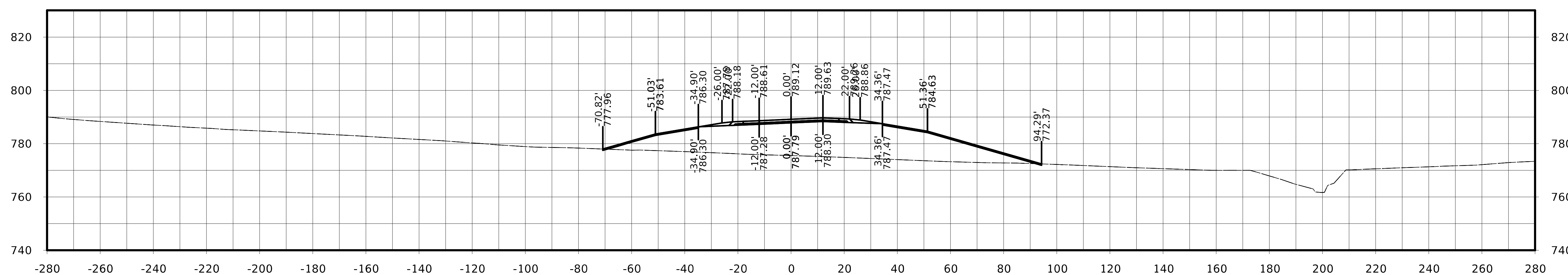
US 63



STA. 215+00.00



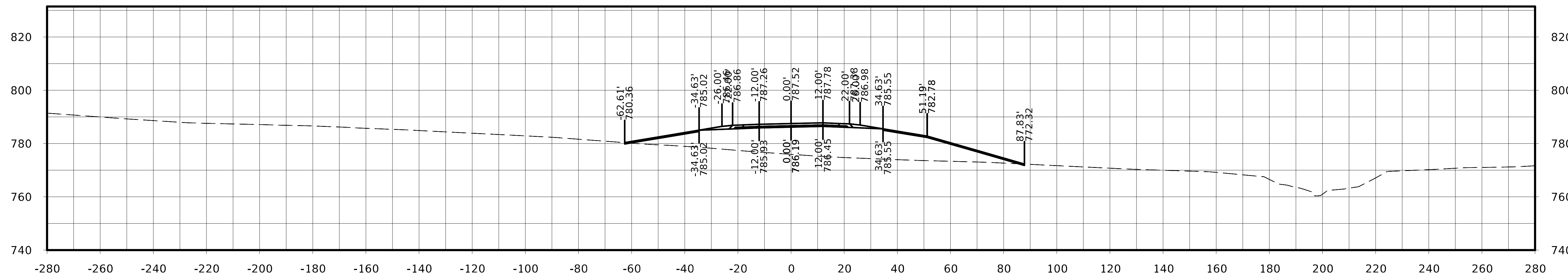
STA. 214+75.00



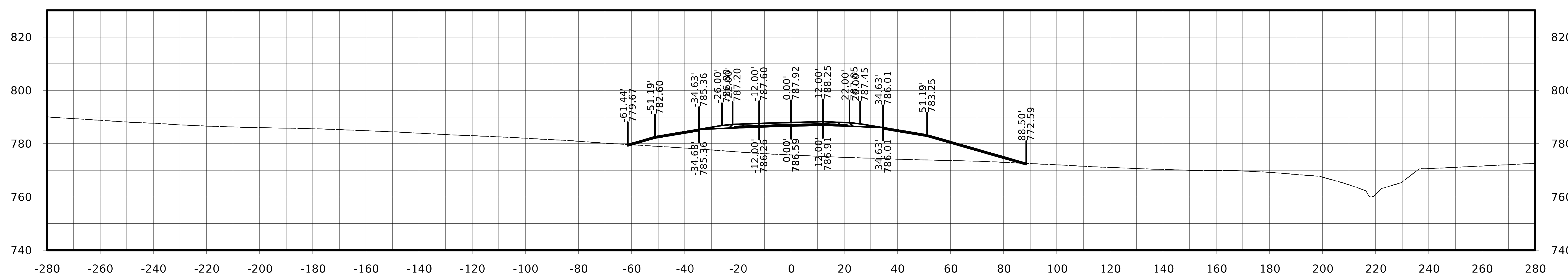
STA. 214+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.156

US 63



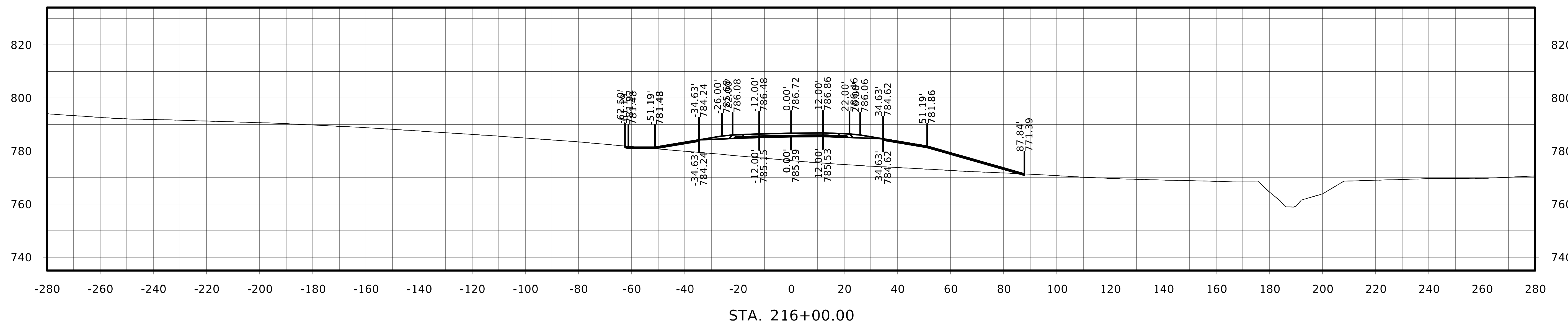
STA. 215+50.00



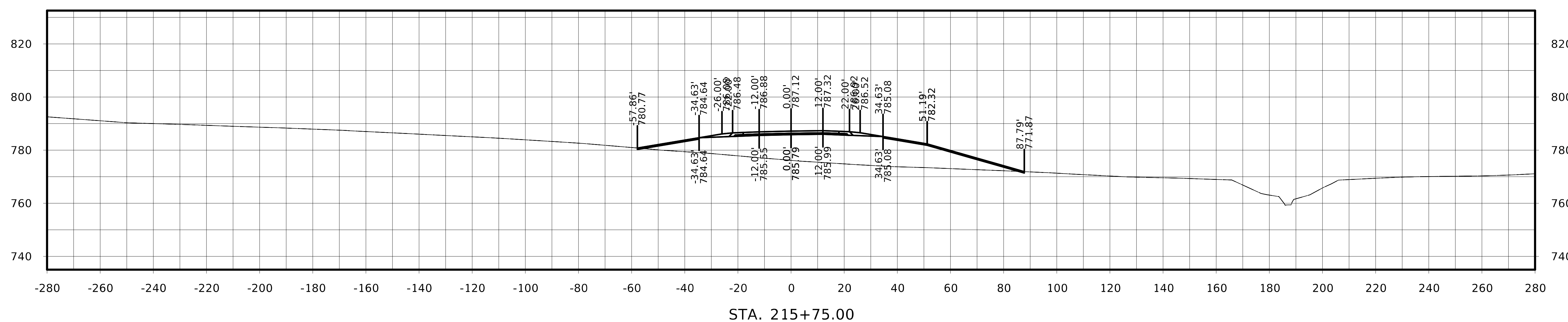
STA. 215+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.157

US 63

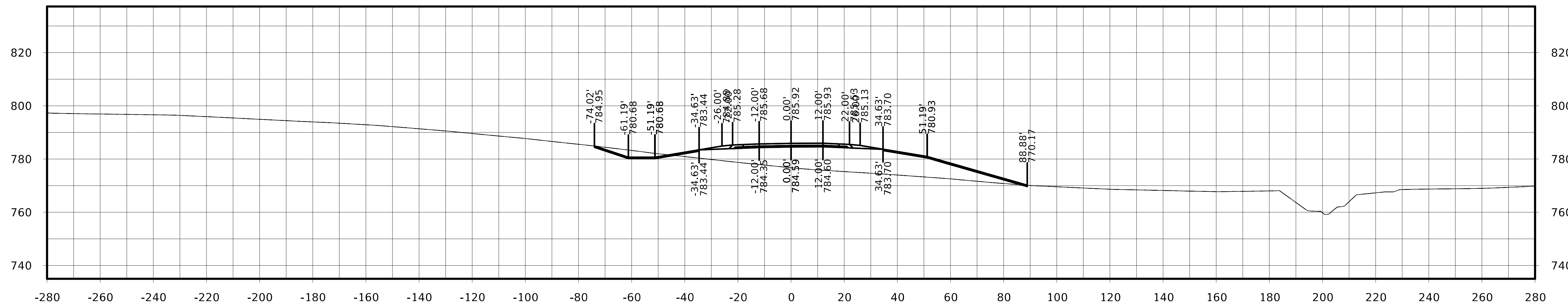


STA. 216+00.00

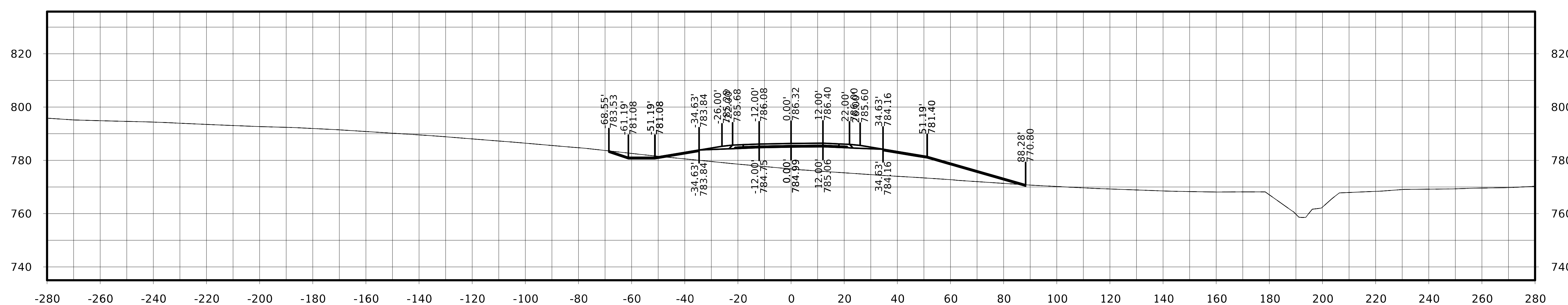


STA. 215+75.00

US 63



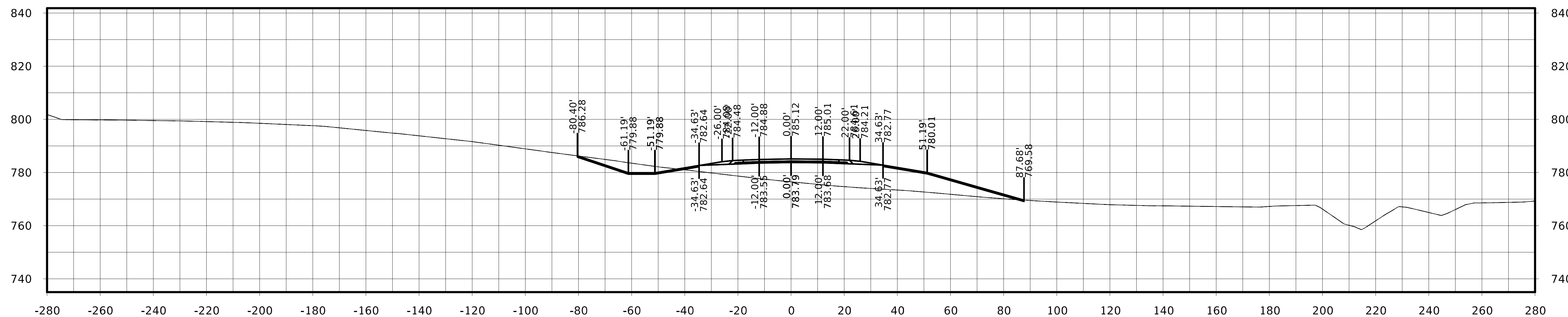
STA. 216+50.00



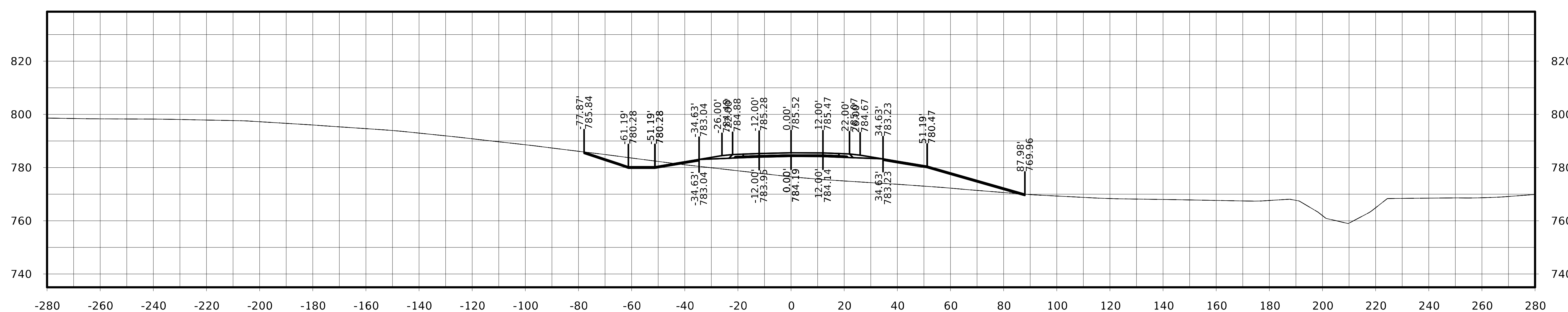
STA. 216+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.159

US 63

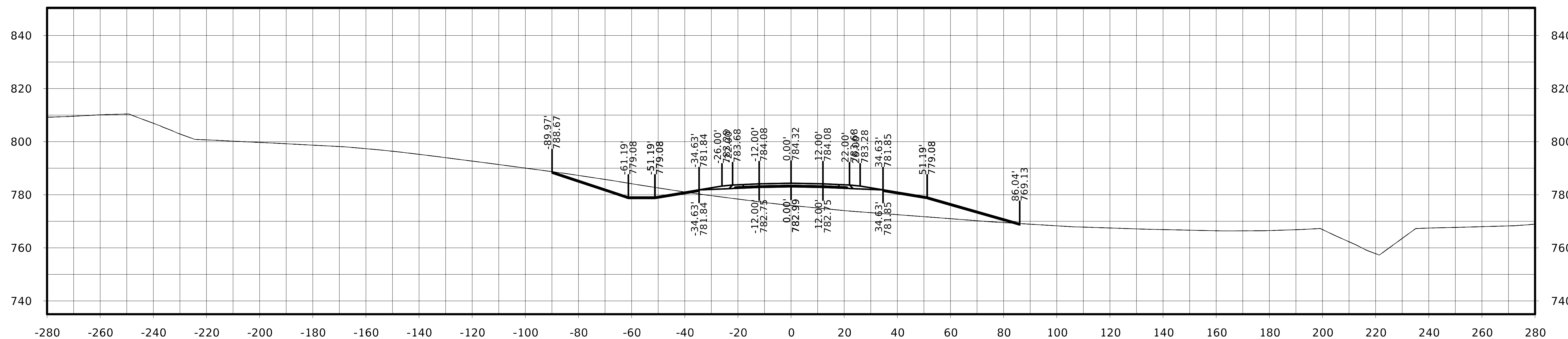


STA. 217+00.00

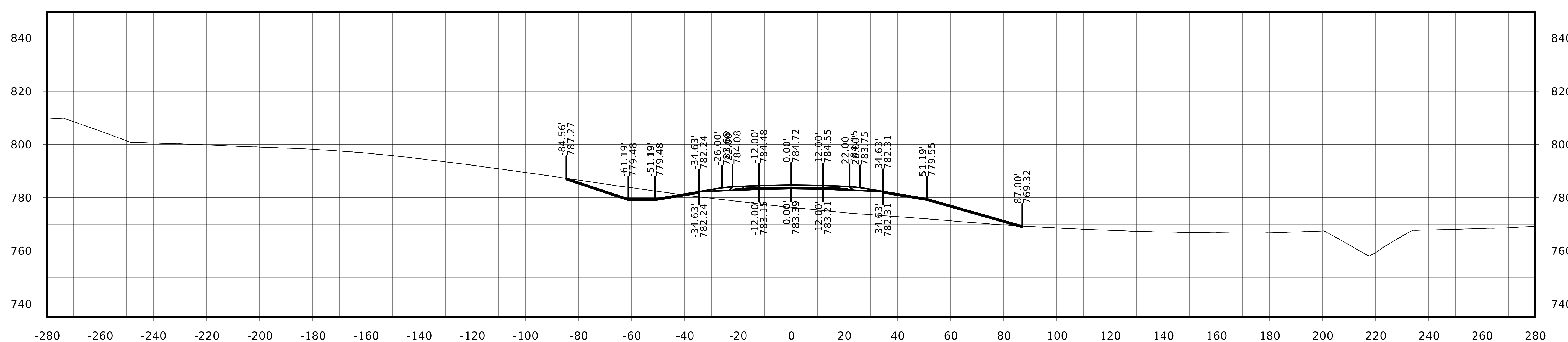


STA. 216+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.160

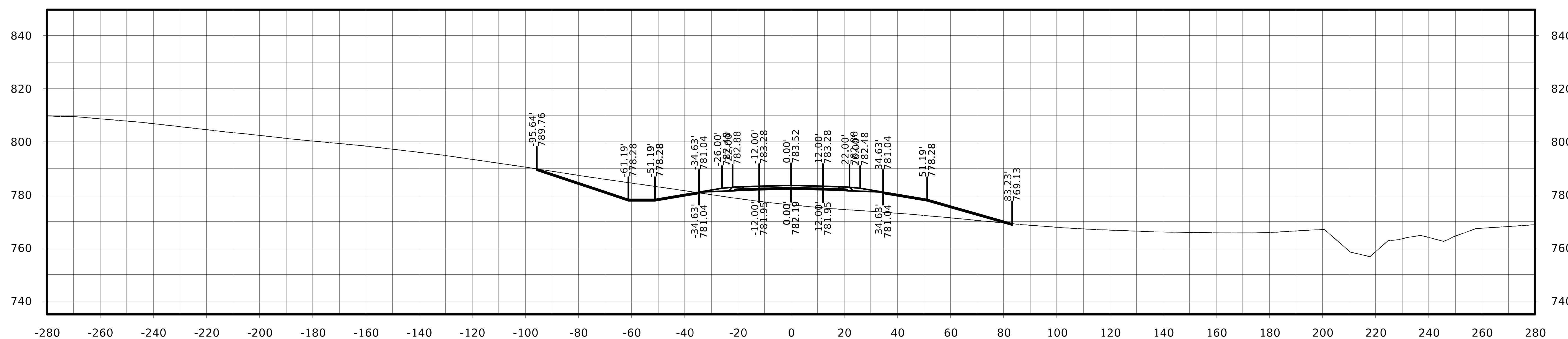


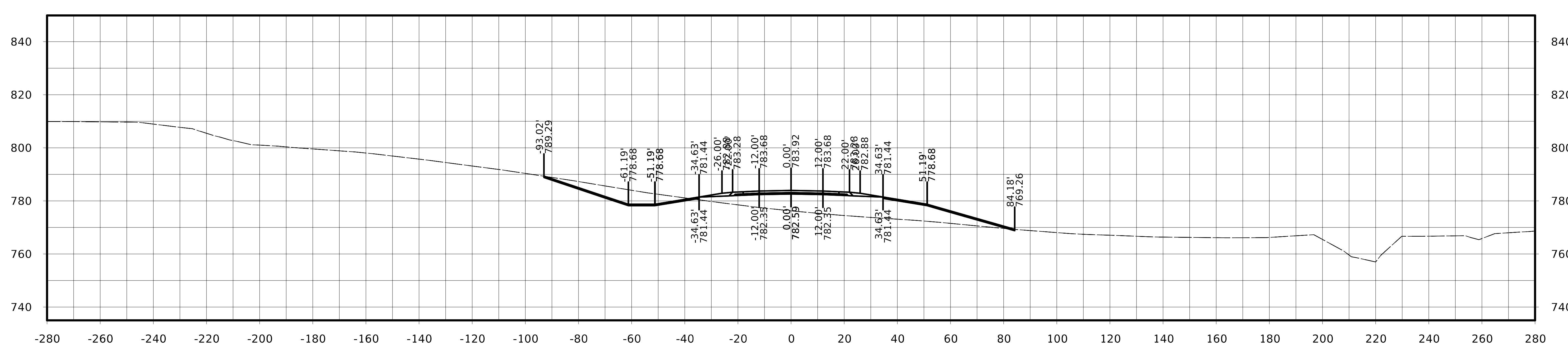
STA. 217+50.00



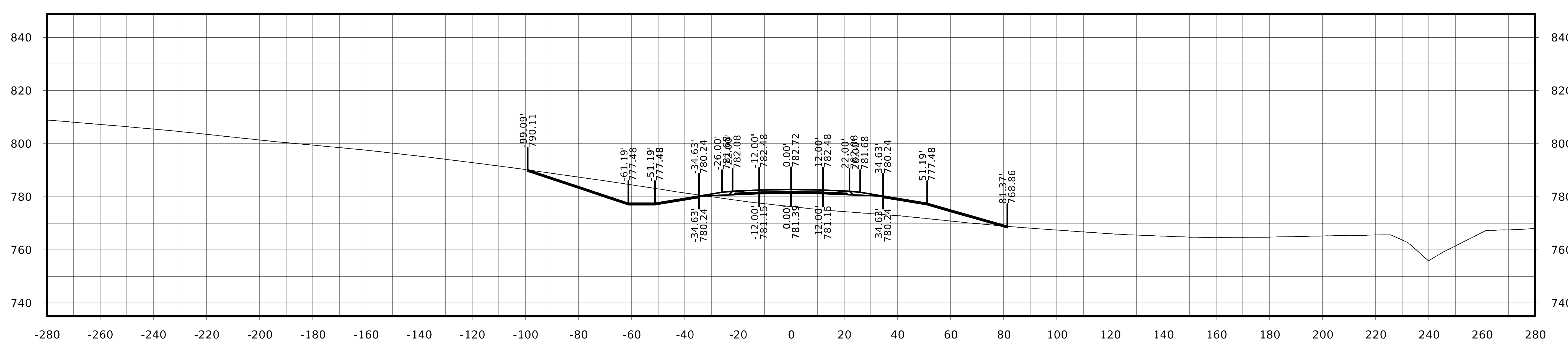
STA. 217+25.00

US 63

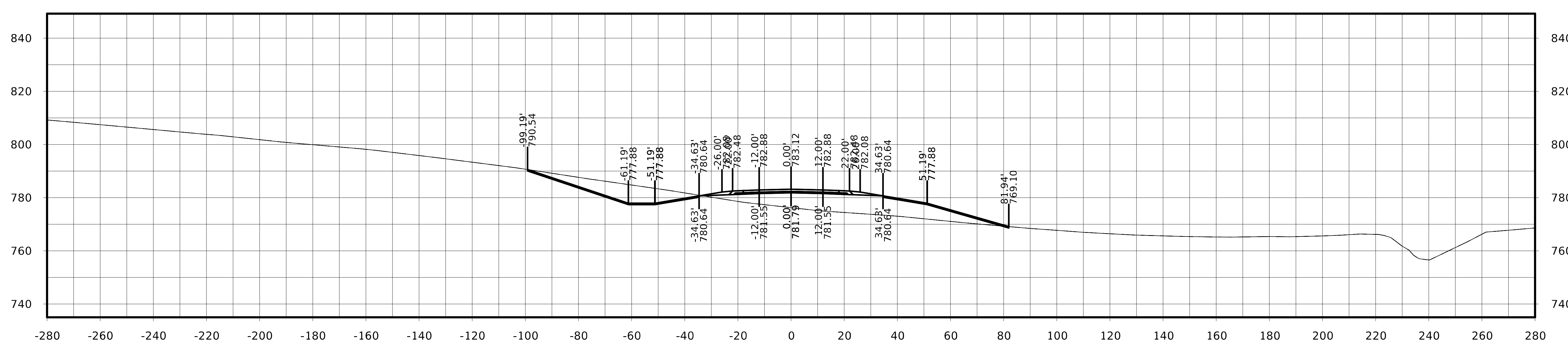




FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.162

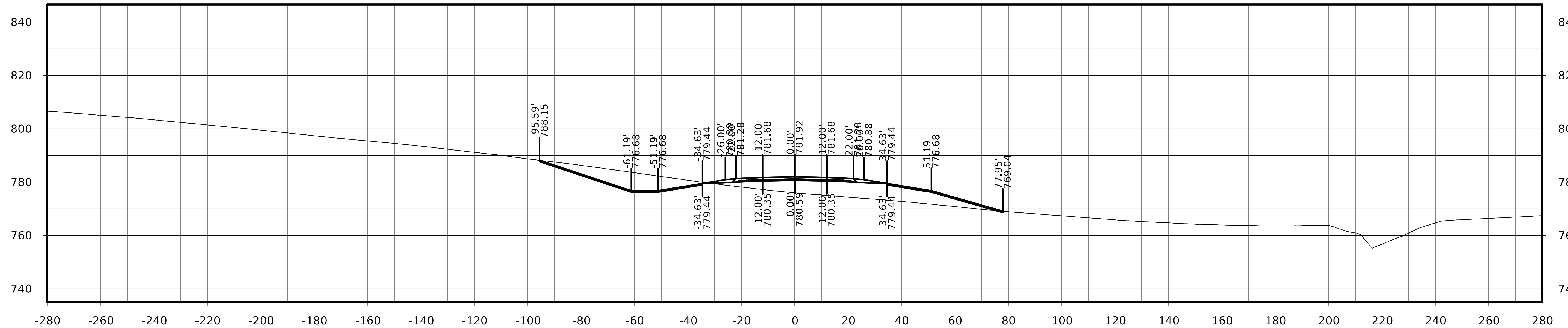


STA. 218+50.00

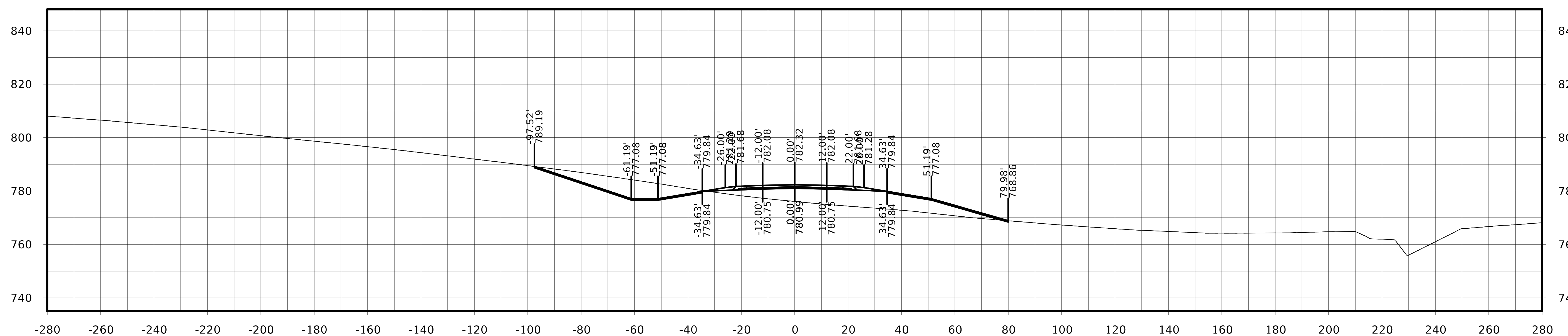


STA. 218+25.00

US 63

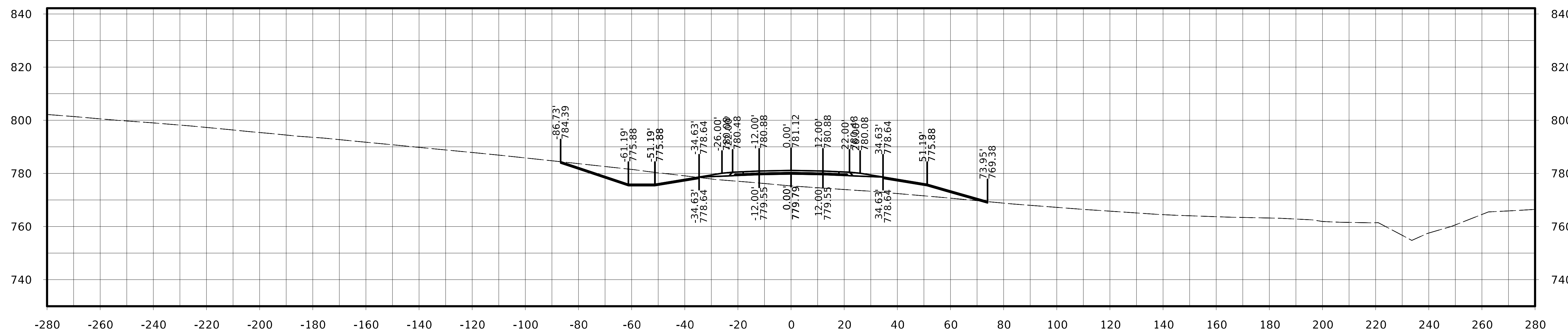


STA. 219+00.00

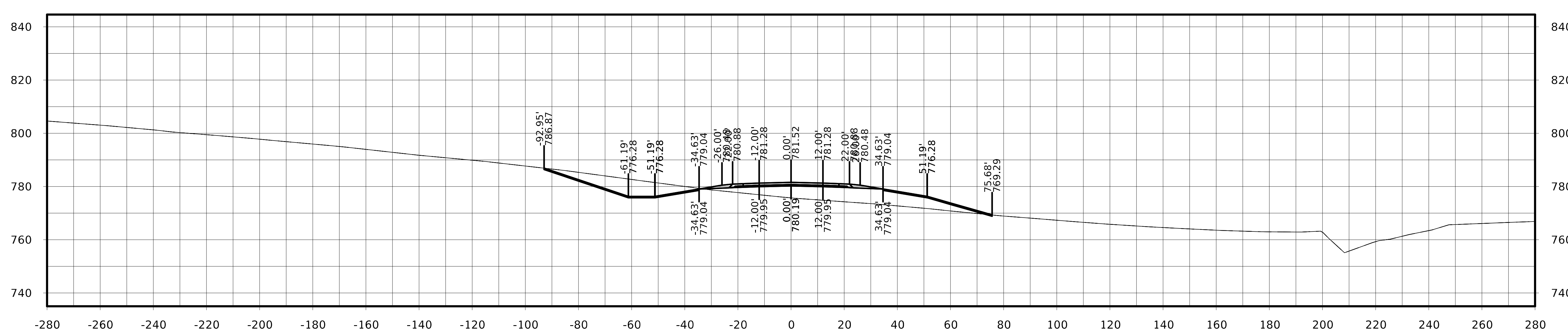


STA. 218+75.00

US 63



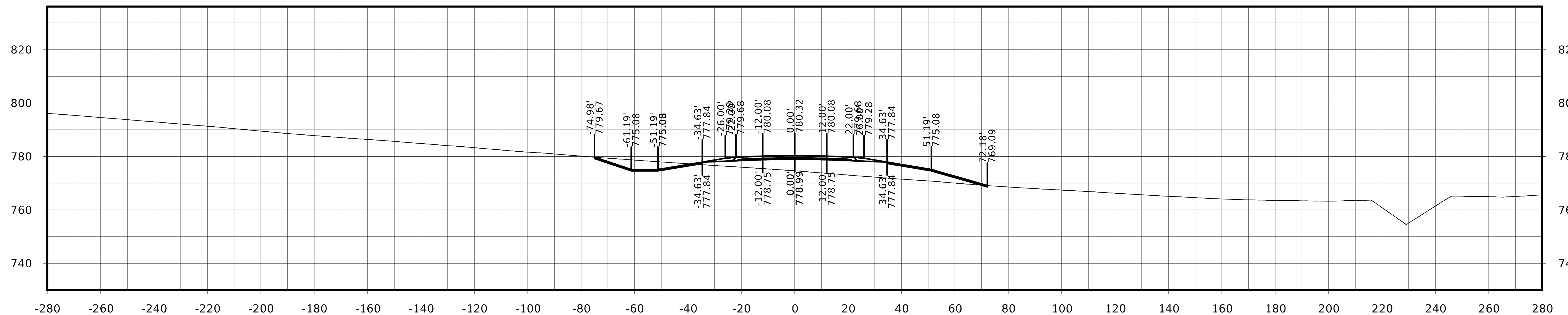
STA. 219+50.00



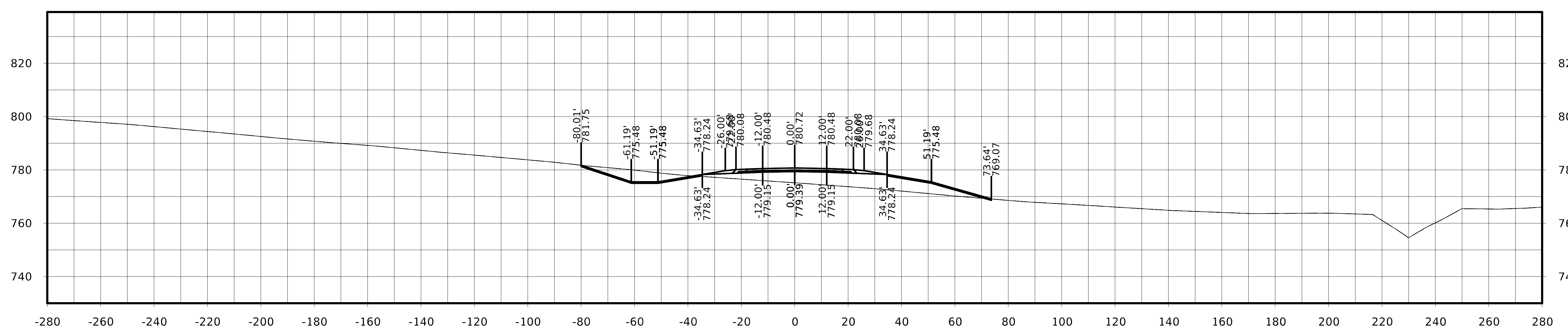
STA. 219+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.165

US 63

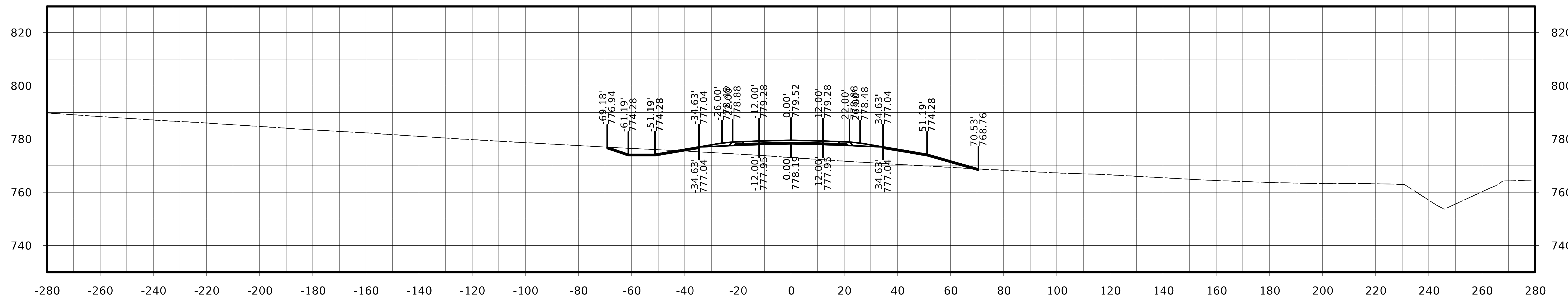


STA. 220+00.00

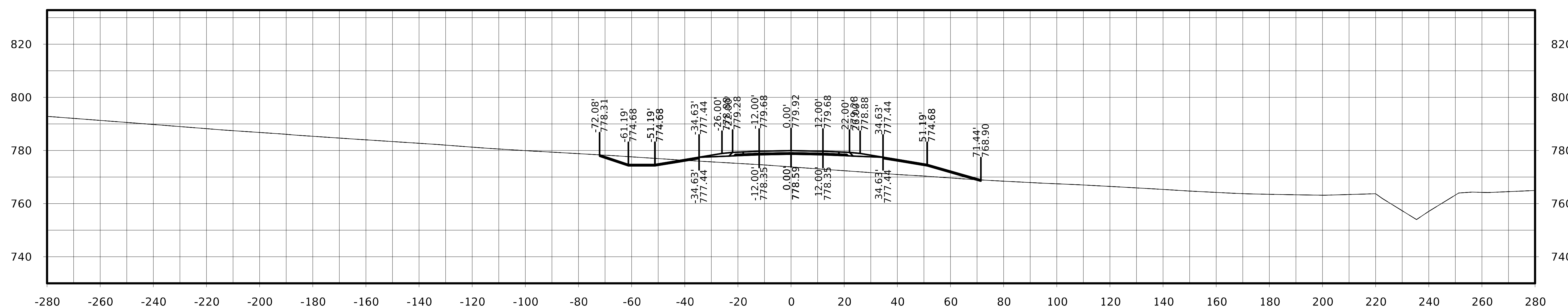


STA. 219+75.00

US 63

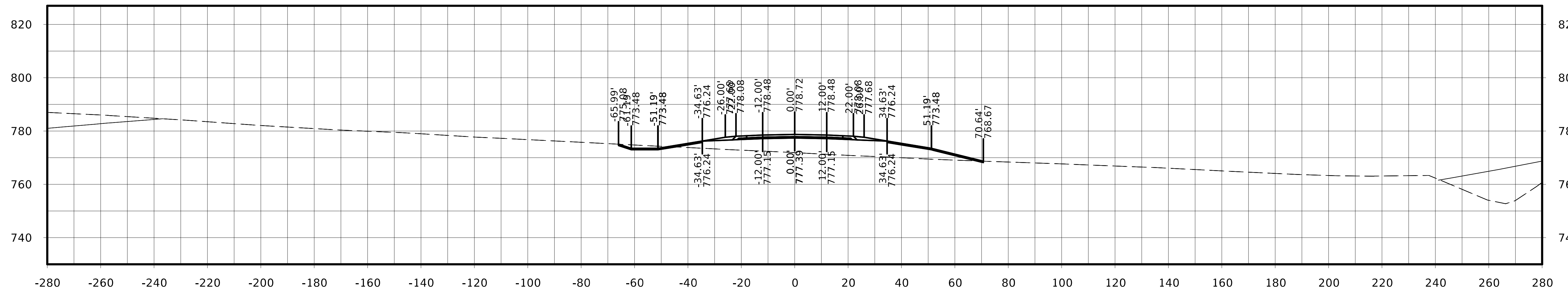


STA. 220+50.00

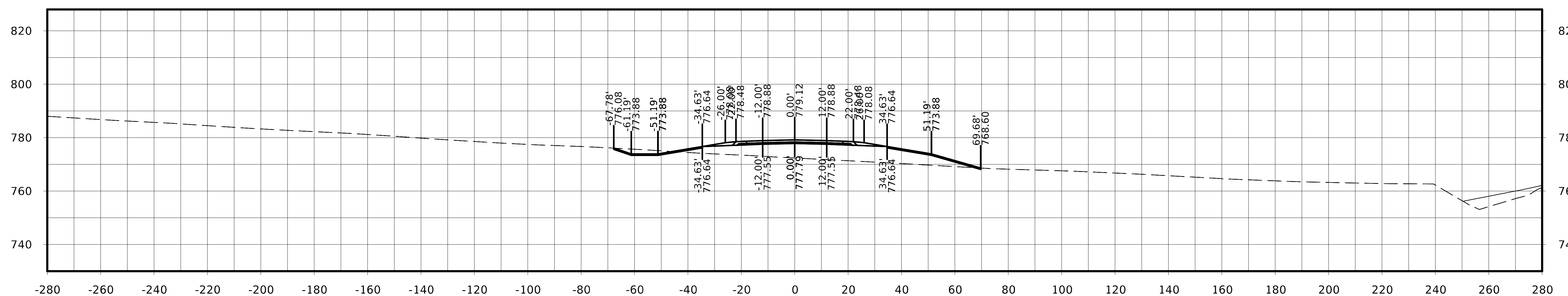


STA. 220+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.167



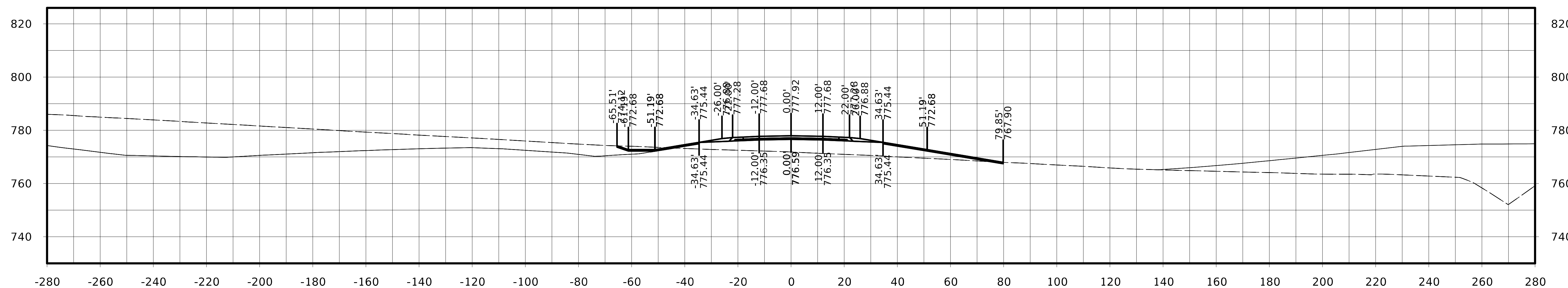
STA. 221+00.00



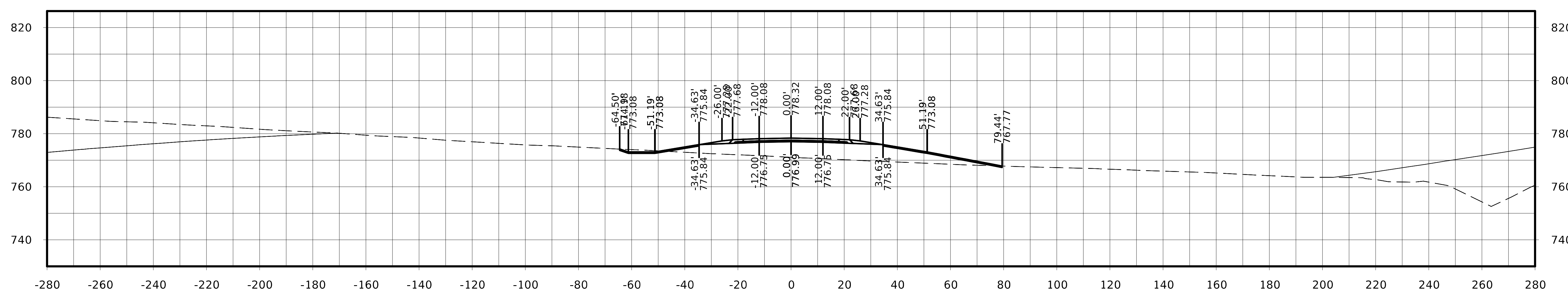
STA. 220+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.168

US 63

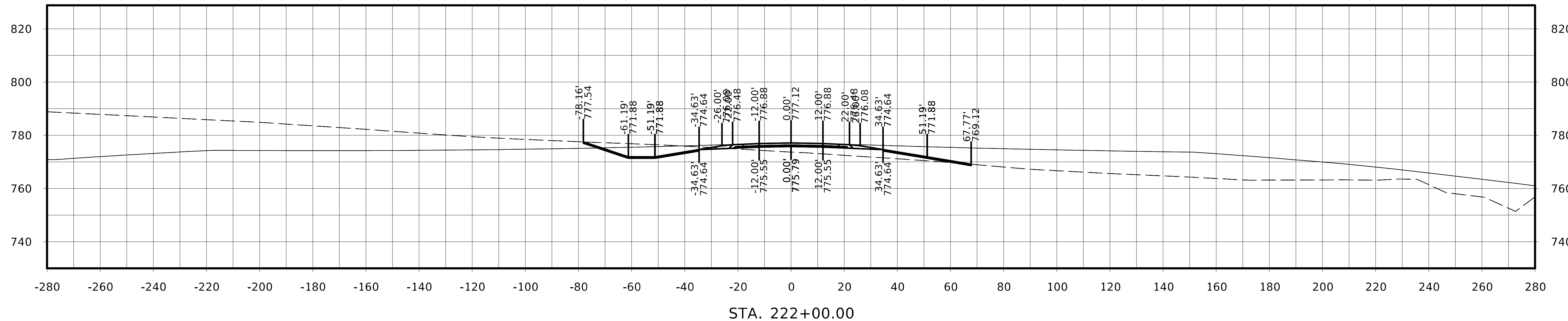


STA. 221+50.00

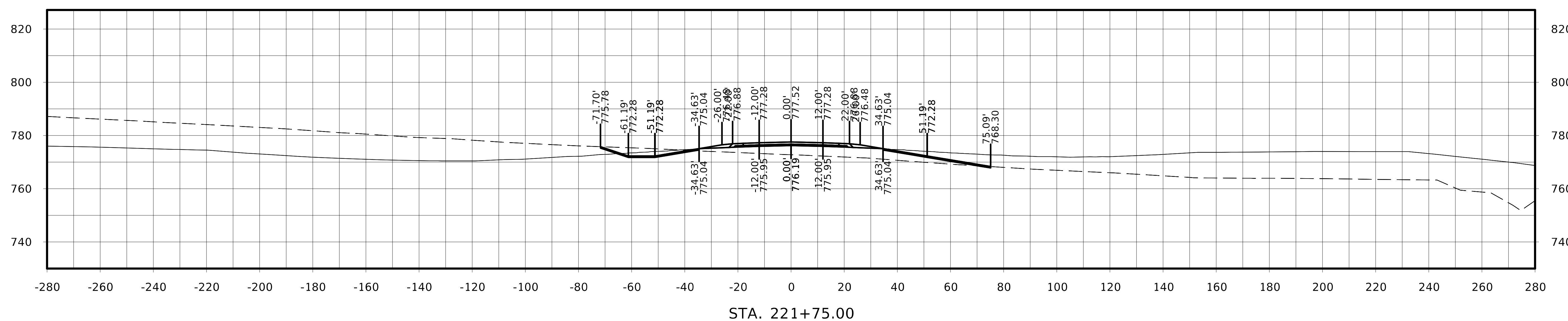


STA. 221+25.00

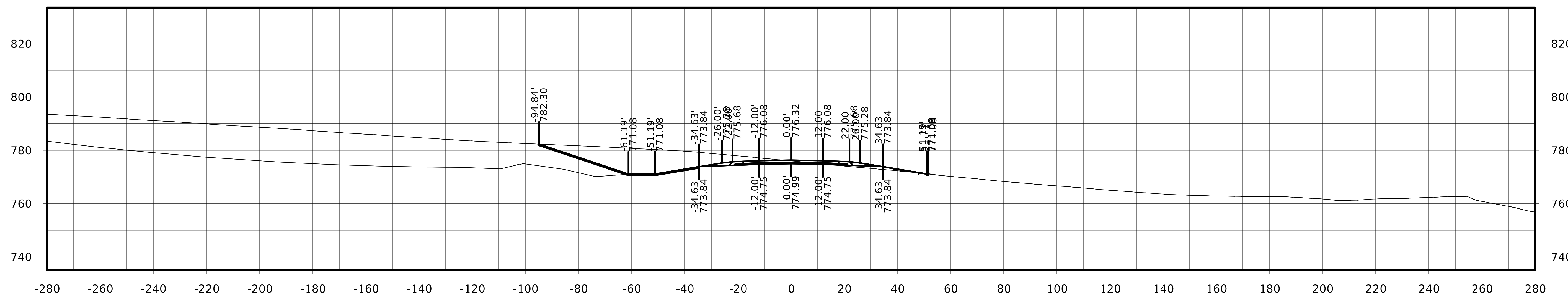
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.169



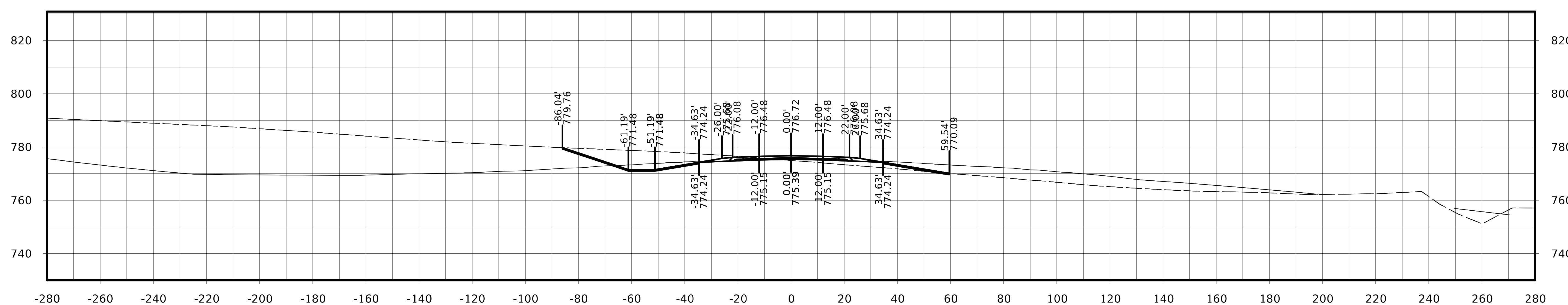
STA. 222+00.00



STA. 221+75.00

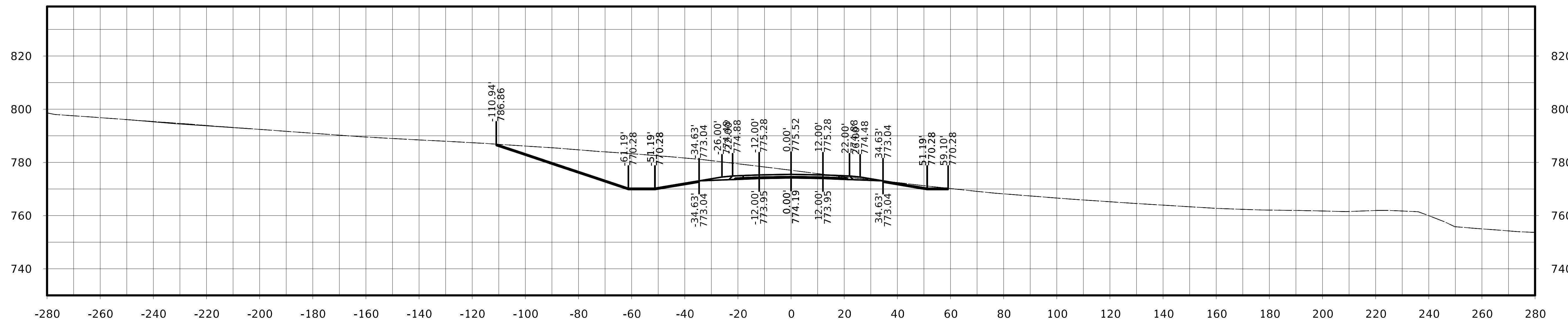


STA. 222+50.00

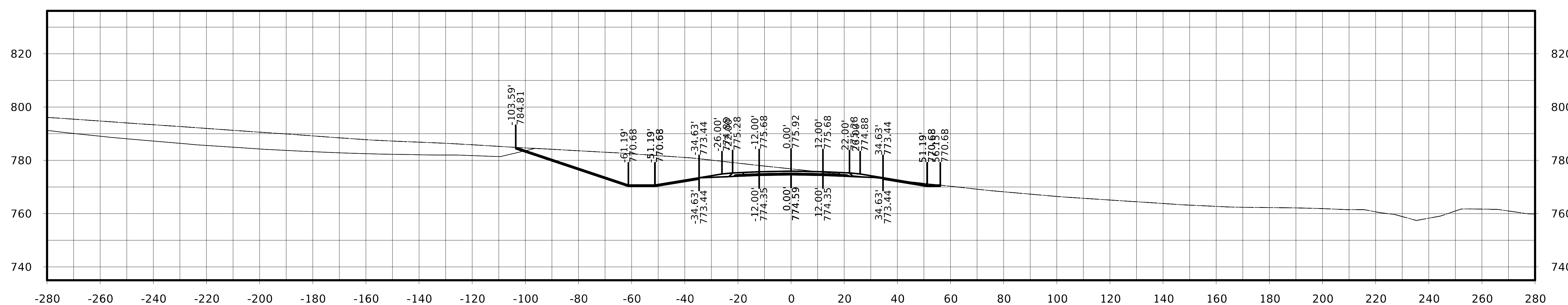


STA. 222+25.00

US 63



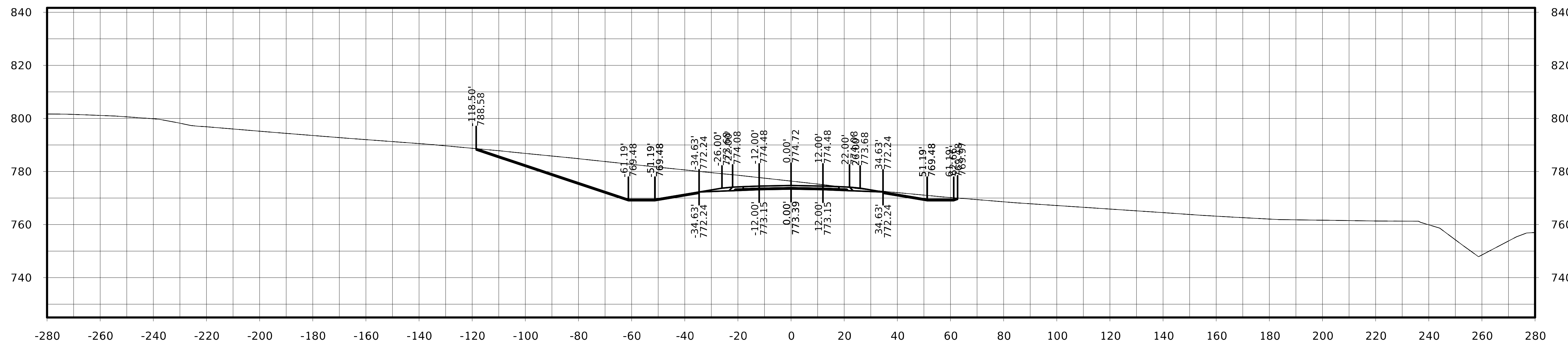
STA. 223+00.00



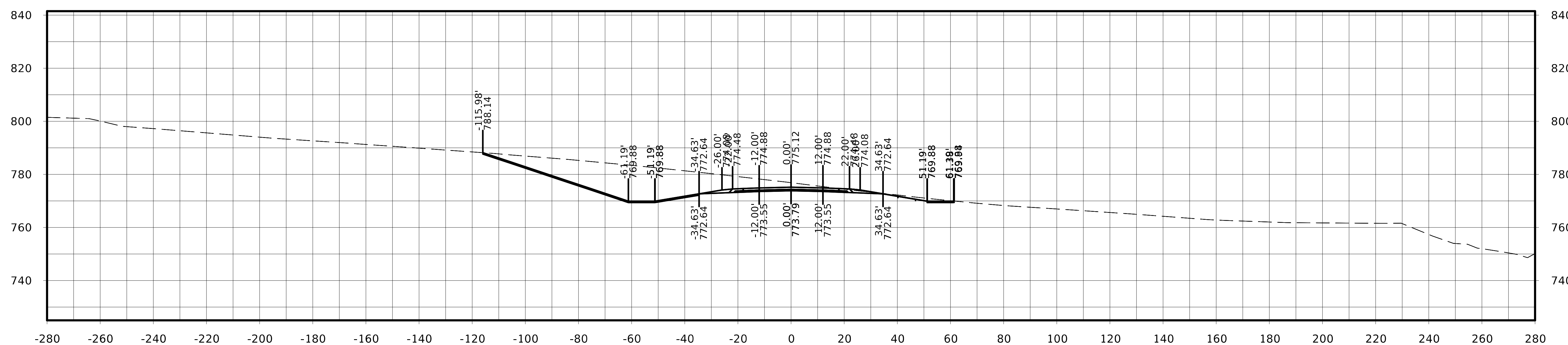
STA. 222+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.172

US 63



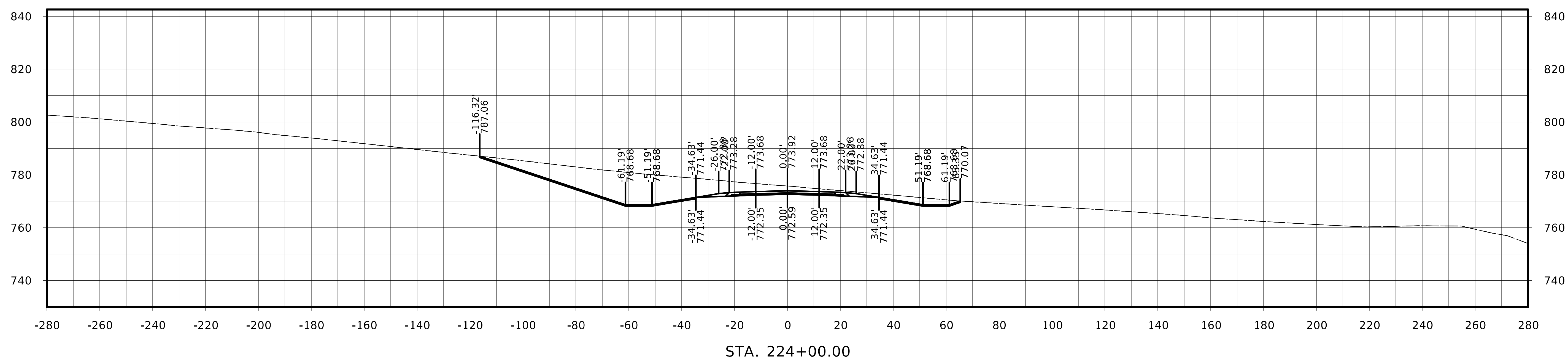
STA. 223+50.00



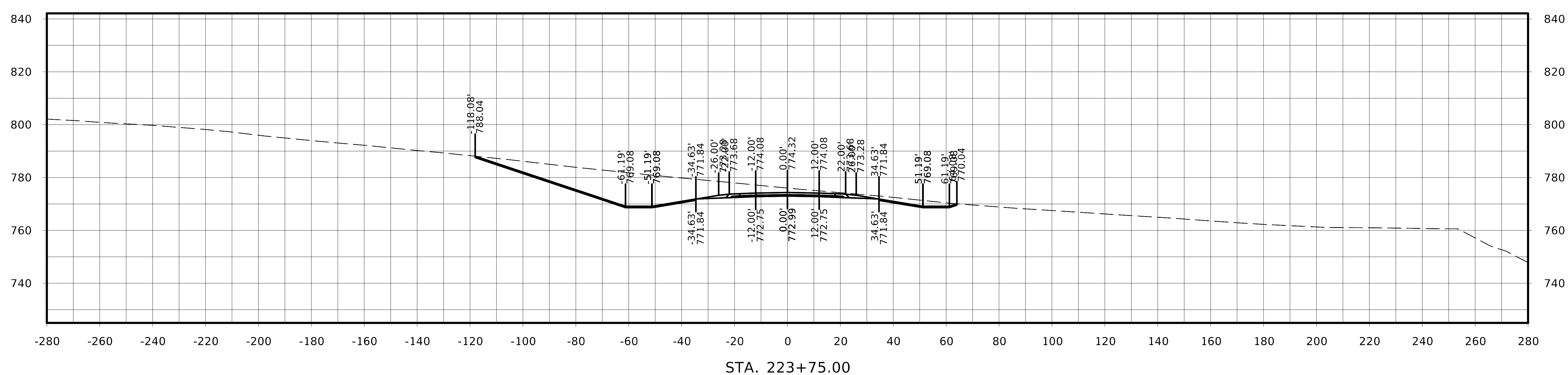
STA. 223+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.173

US 63

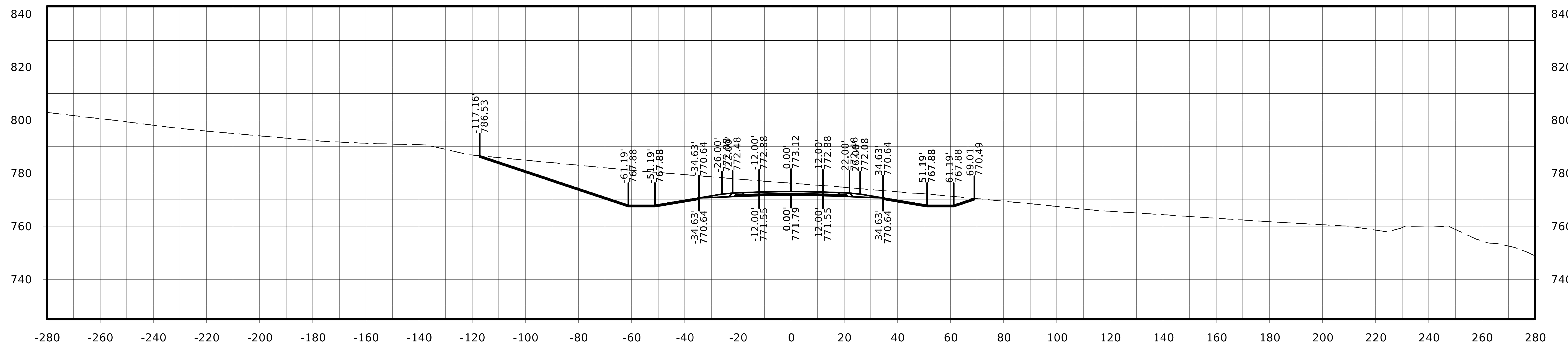


STA. 224+00.00

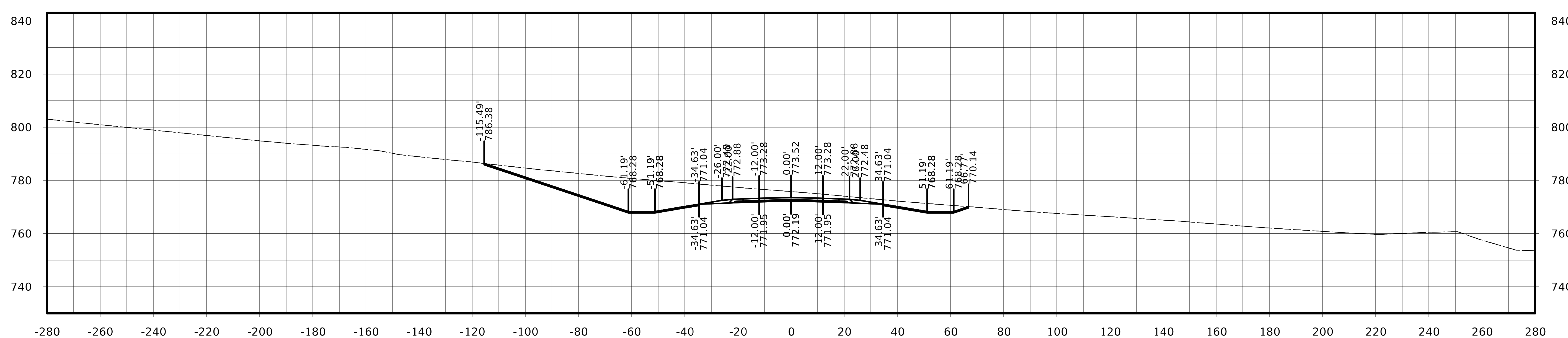


STA. 223+75.00

US 63



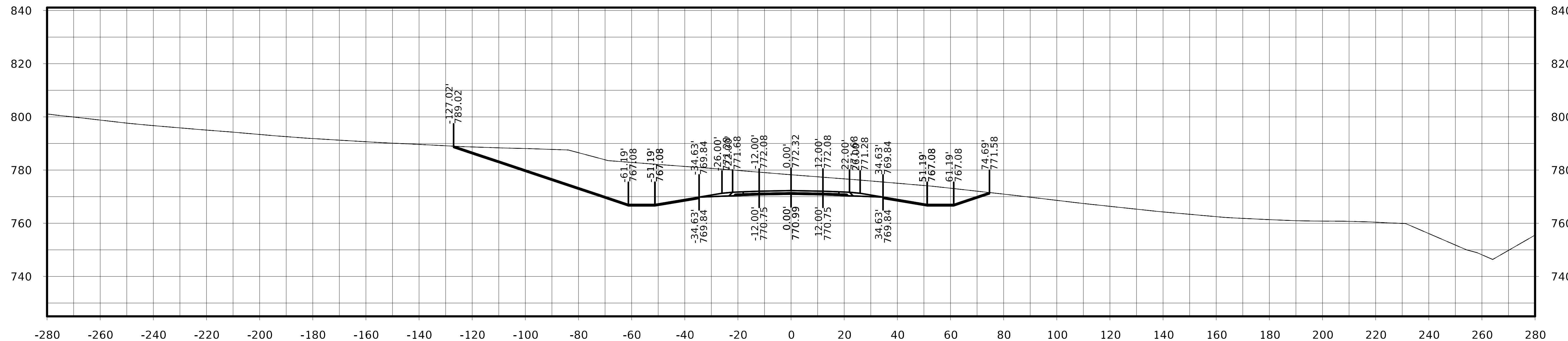
STA. 224+50.00



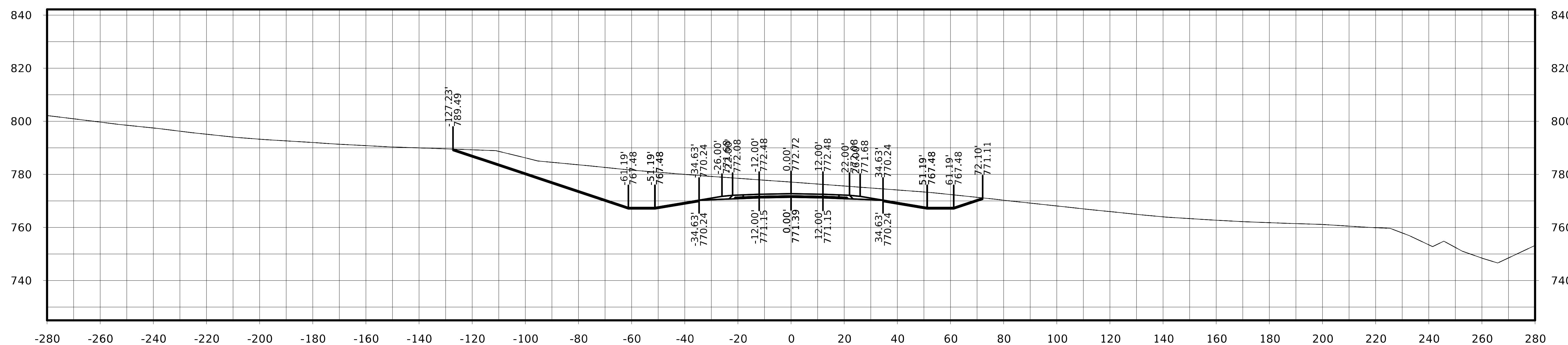
STA. 224+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.175

US 63



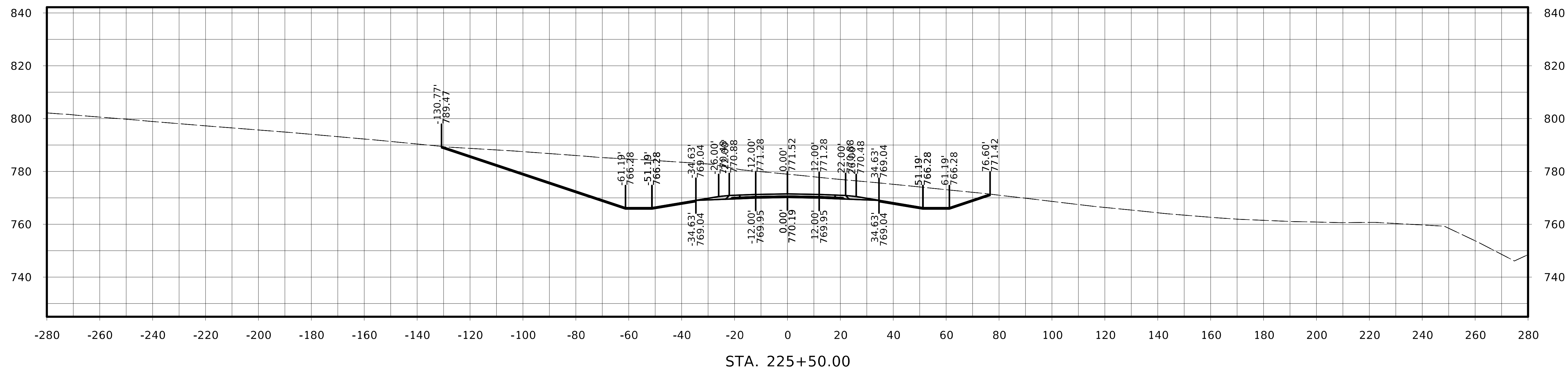
STA. 225+00.00



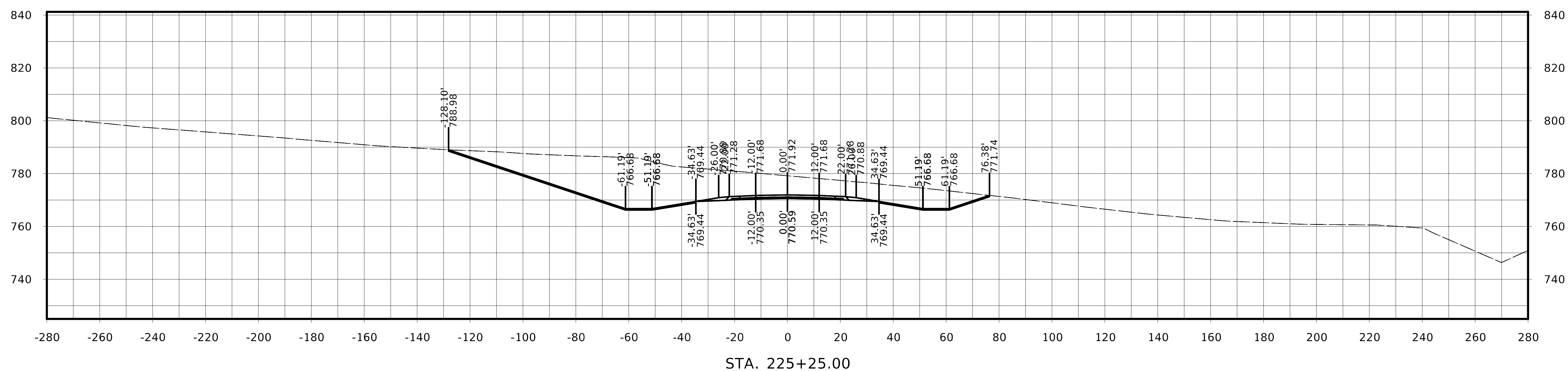
STA. 224+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.176

US 63



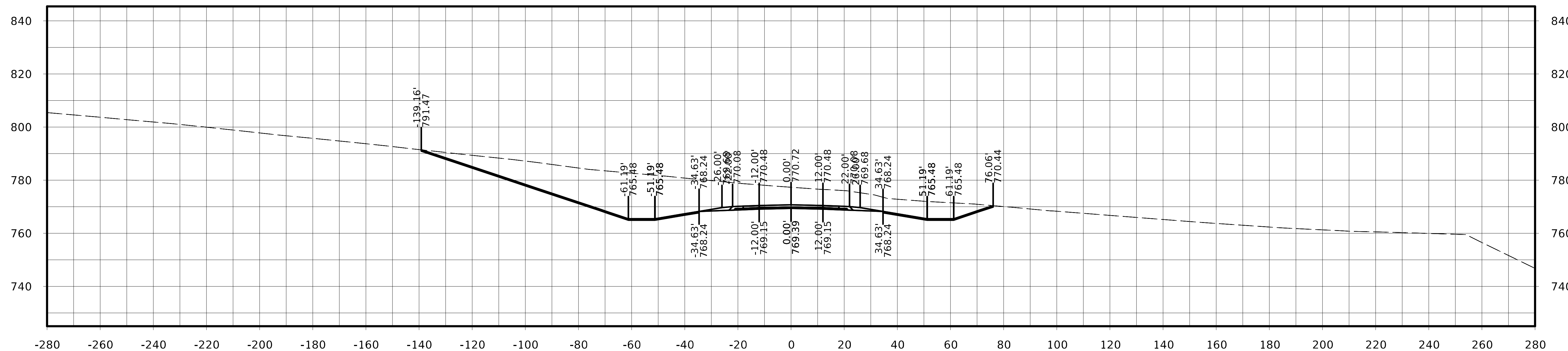
STA. 225+50.00



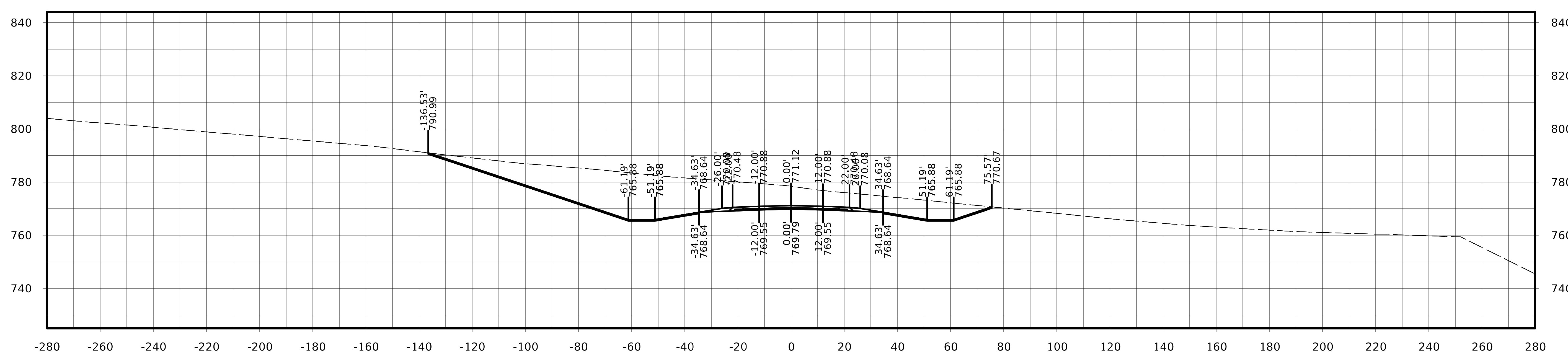
STA. 225+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.177

US 63

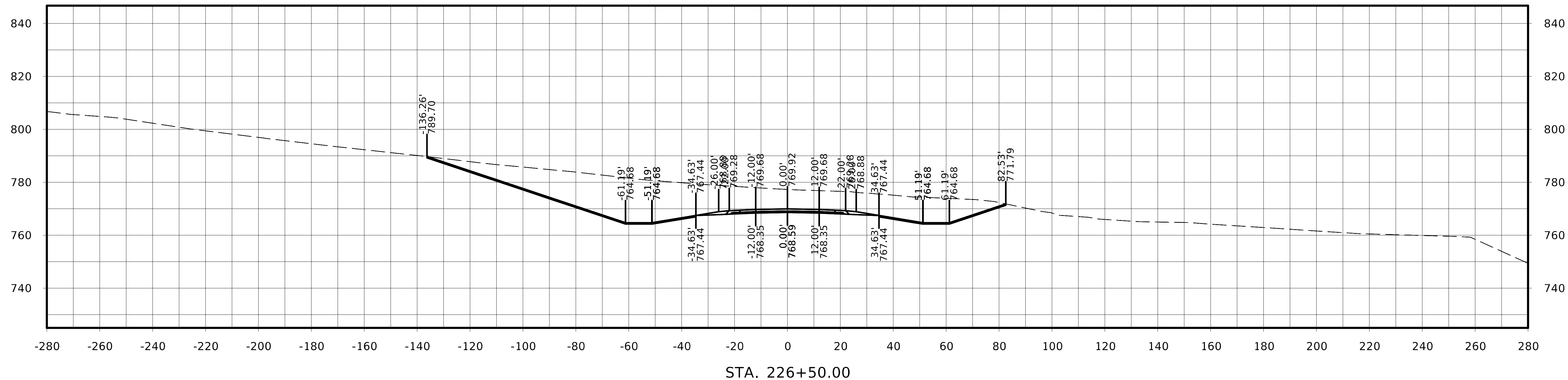


STA. 226+00.00

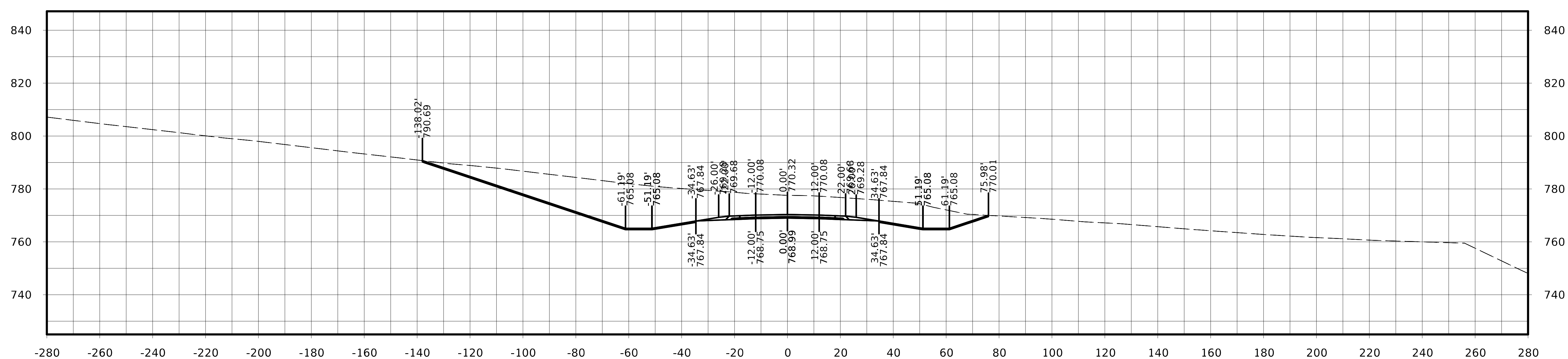


STA. 225+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.178



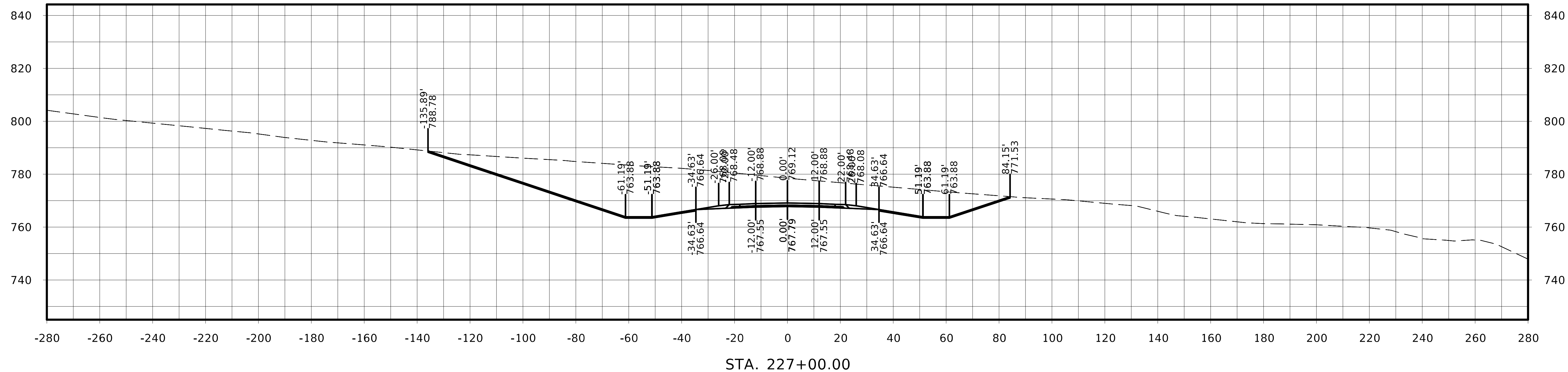
STA. 226+50.00



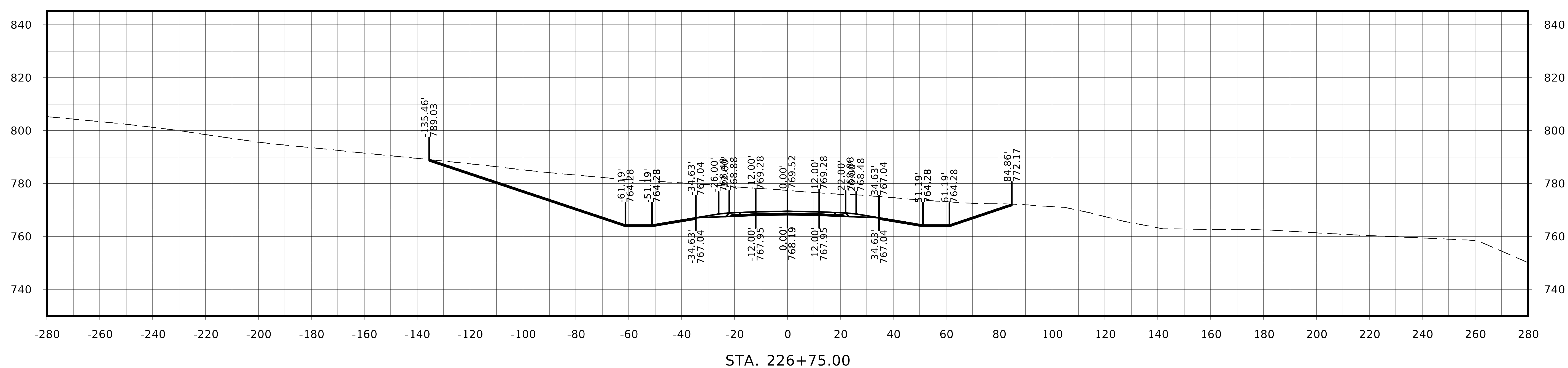
STA. 226+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.179

US 63



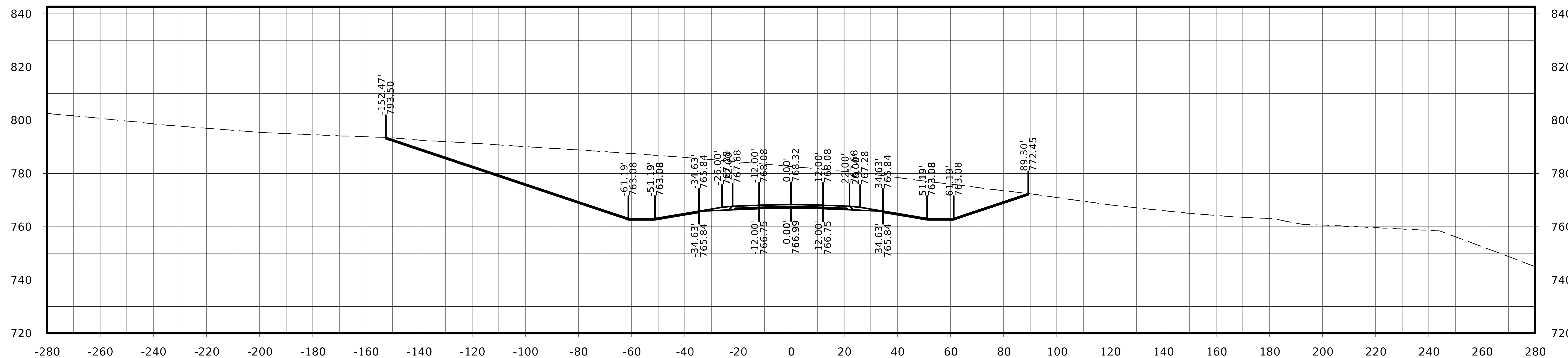
STA. 227+00.00



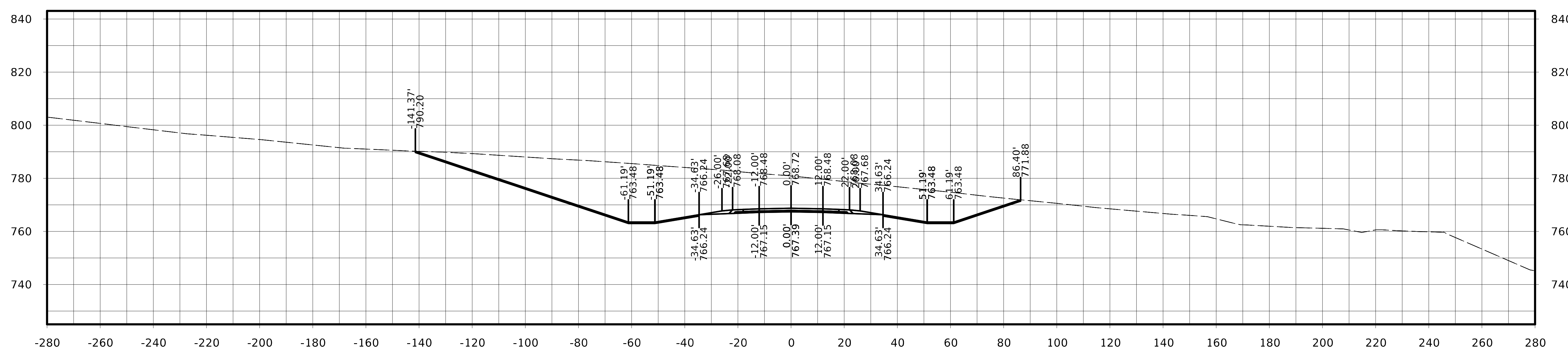
STA. 226+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.180

US 63

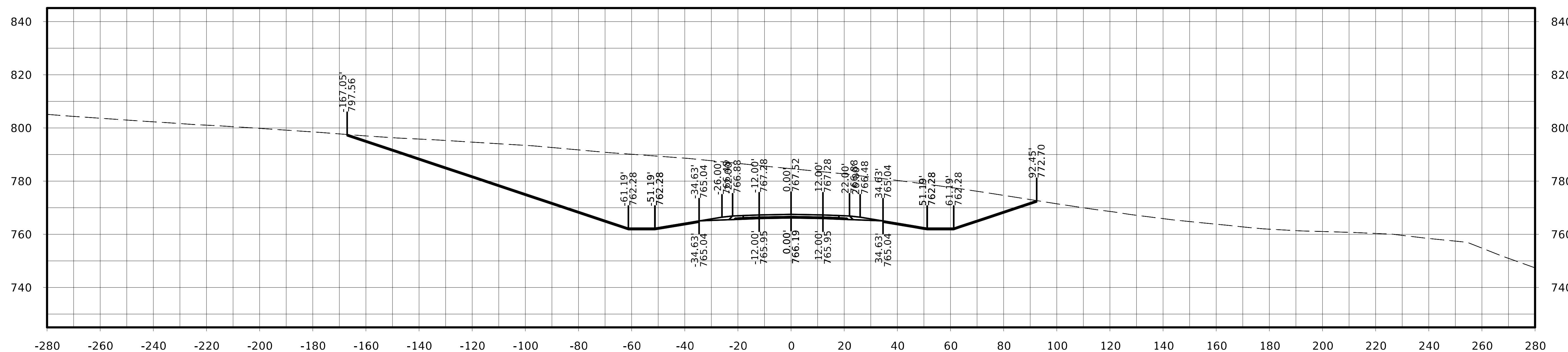


STA. 227+50.00

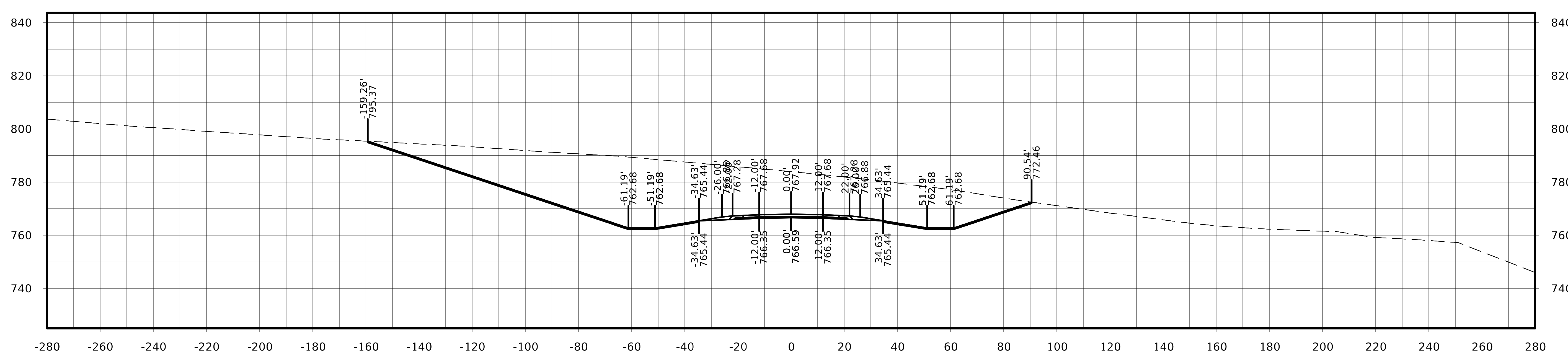


STA. 227+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.181



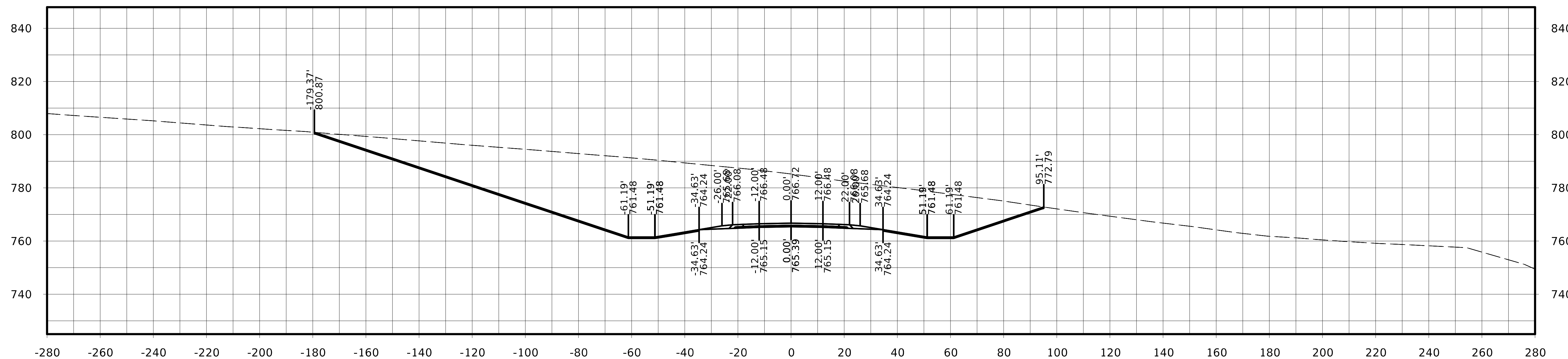
STA. 228+00.00



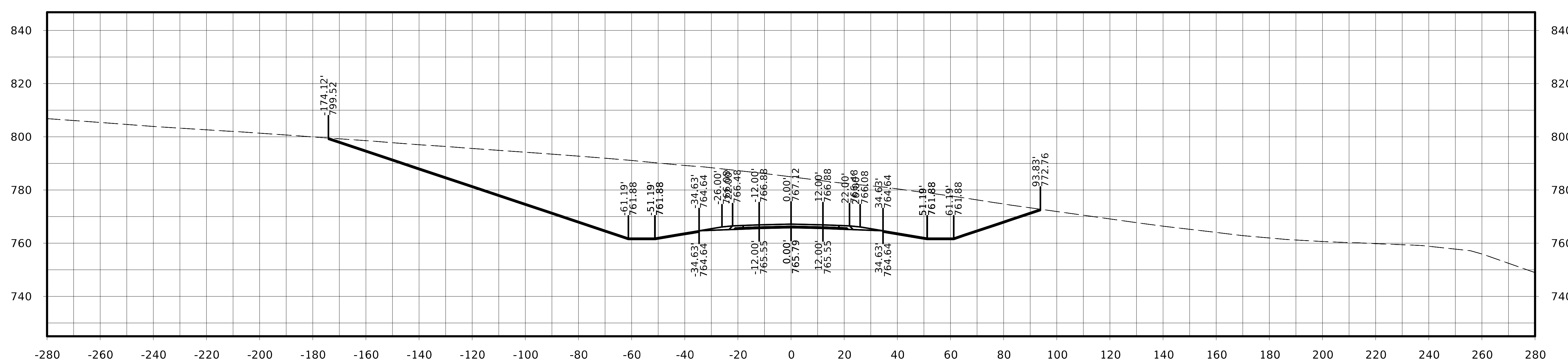
STA. 227+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.182

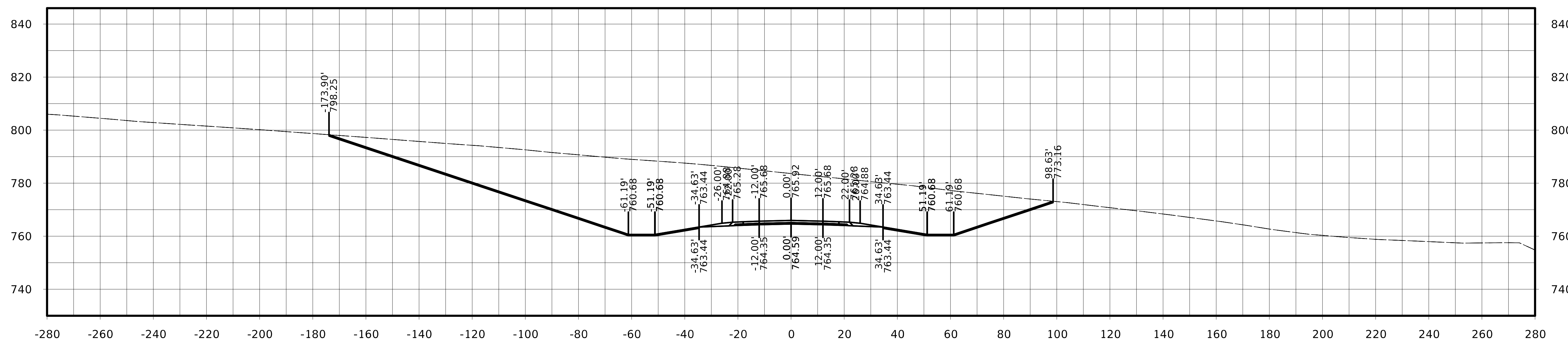
US 63



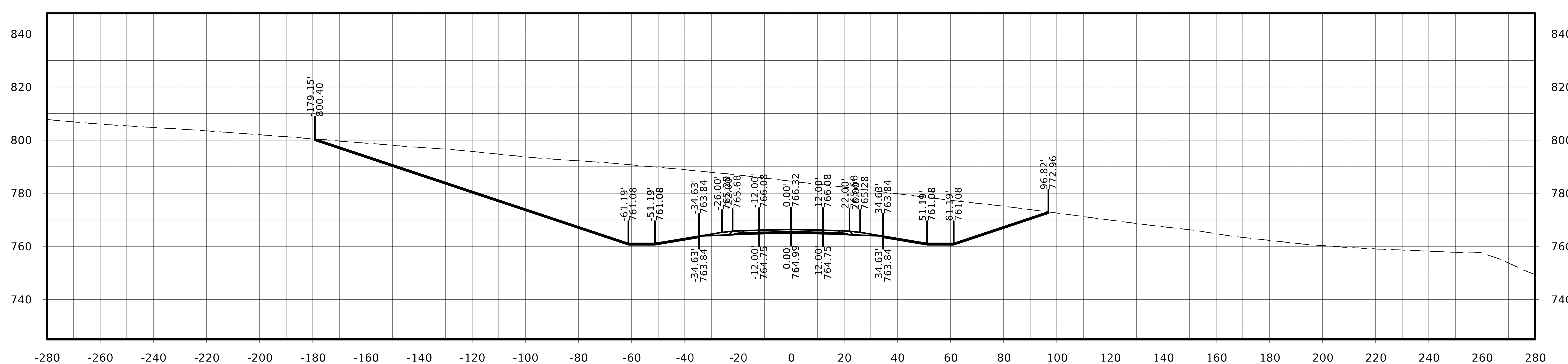
STA. 228+50.00



STA. 228+25.00

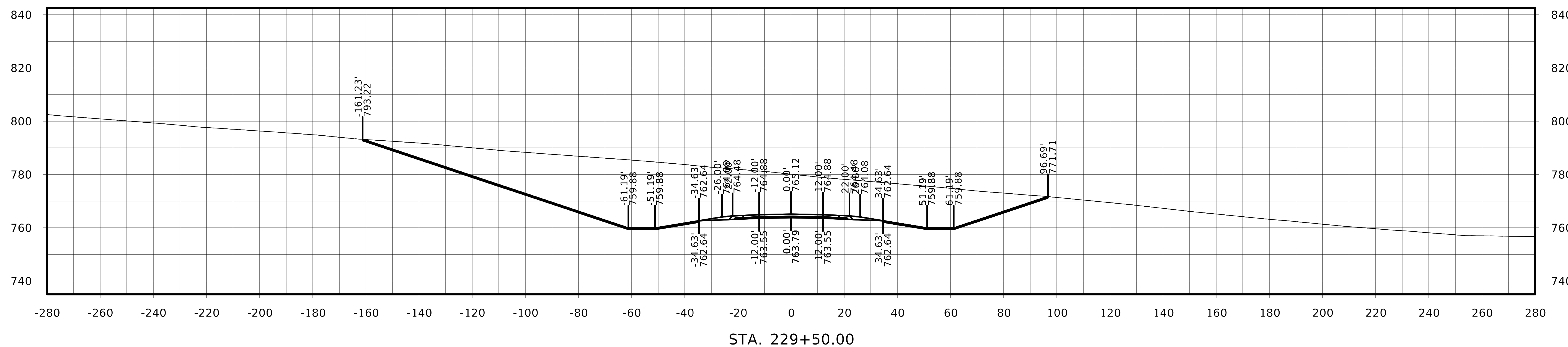


STA. 229+00.00

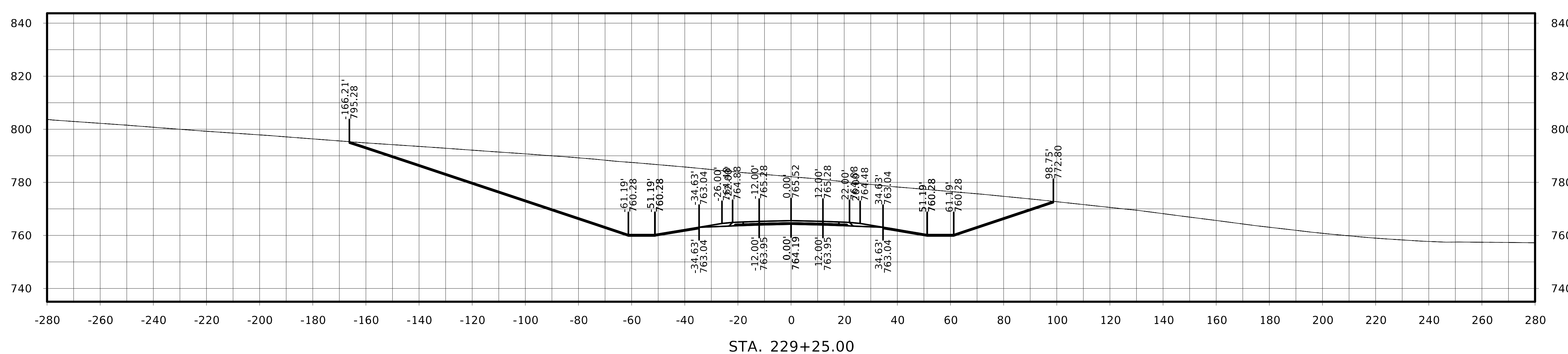


STA. 228+75.00

US 63

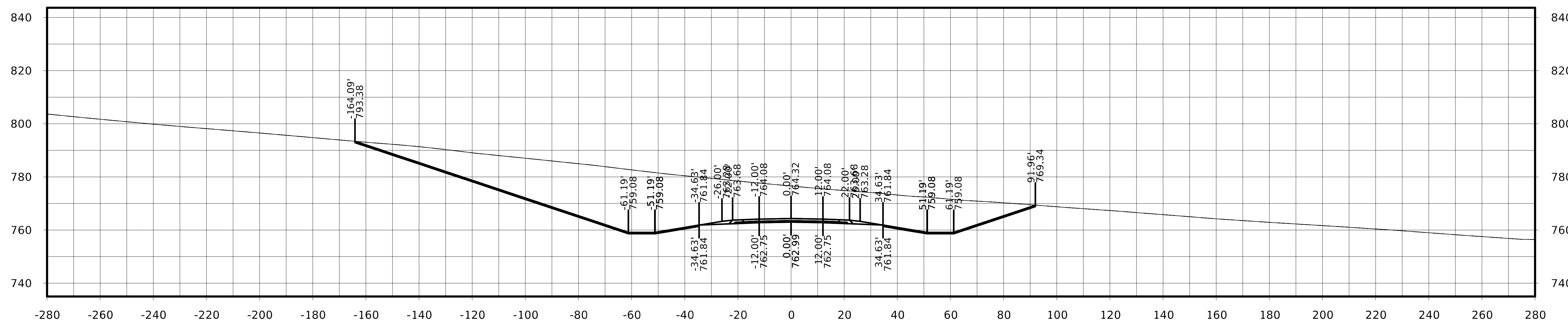


STA. 229+50.00

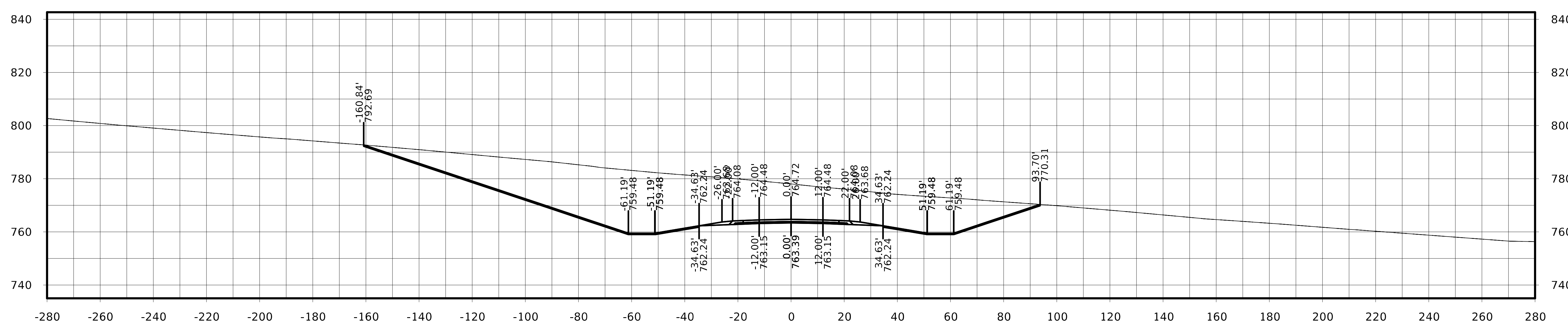


STA. 229+25.00

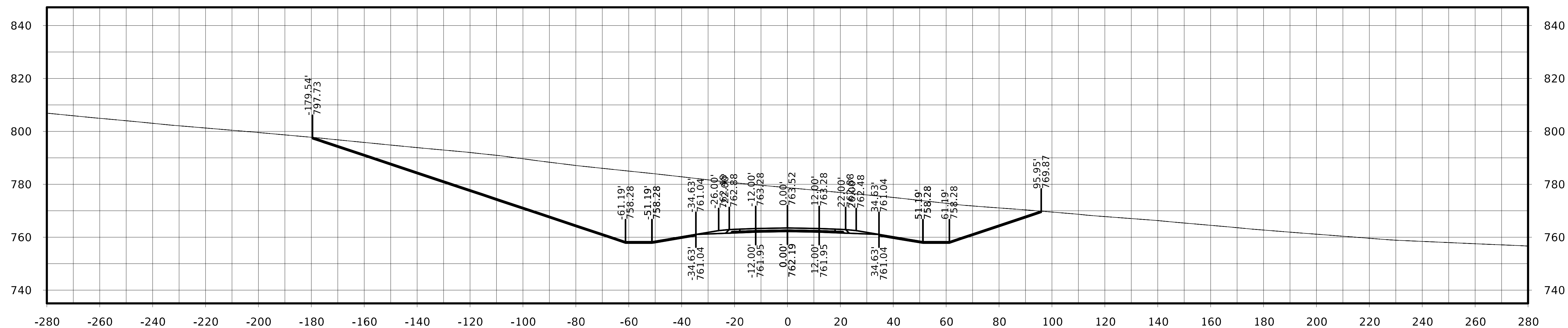
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.185



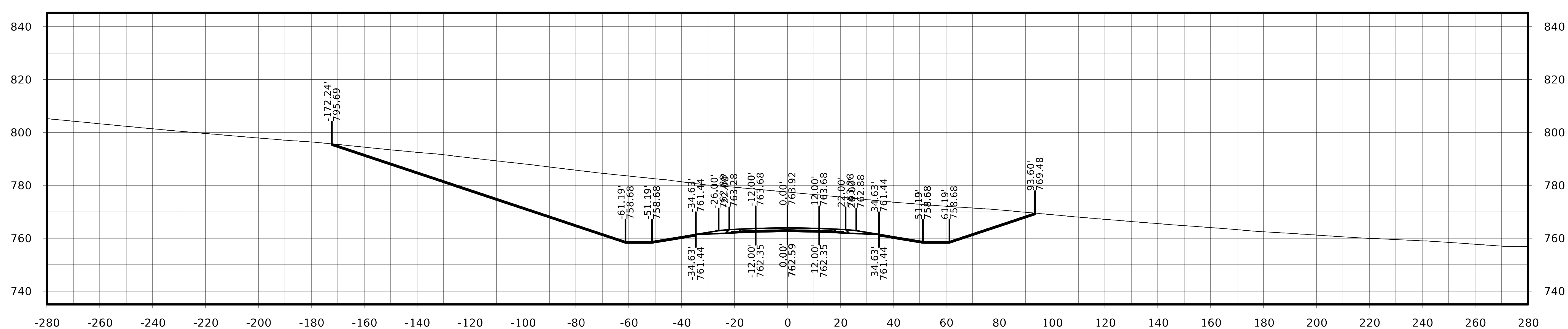
STA. 230+00.00



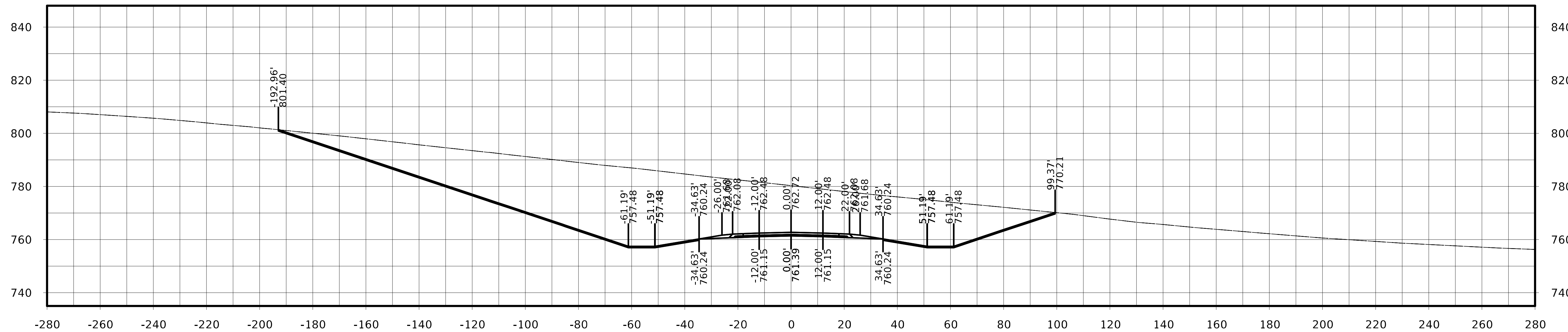
STA. 229+75.00



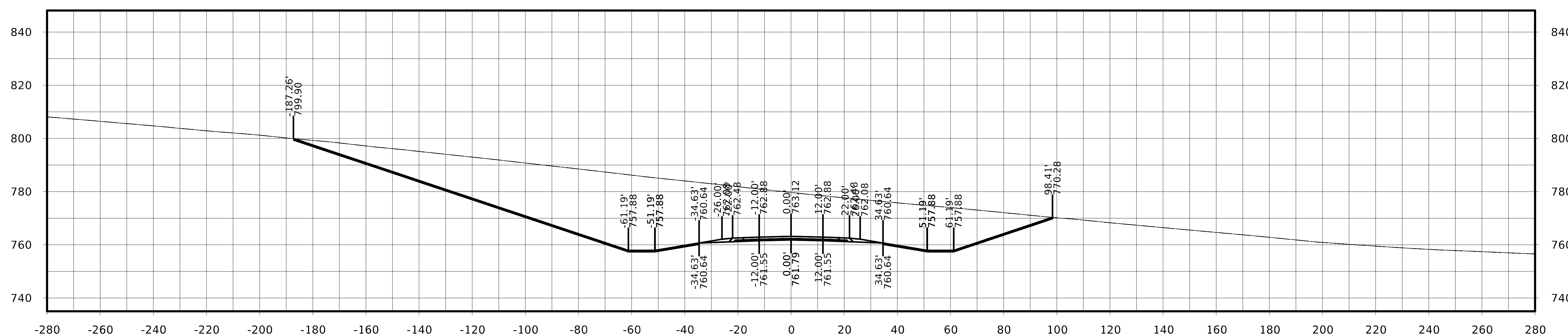
STA. 230+50.00



STA. 230+25.00



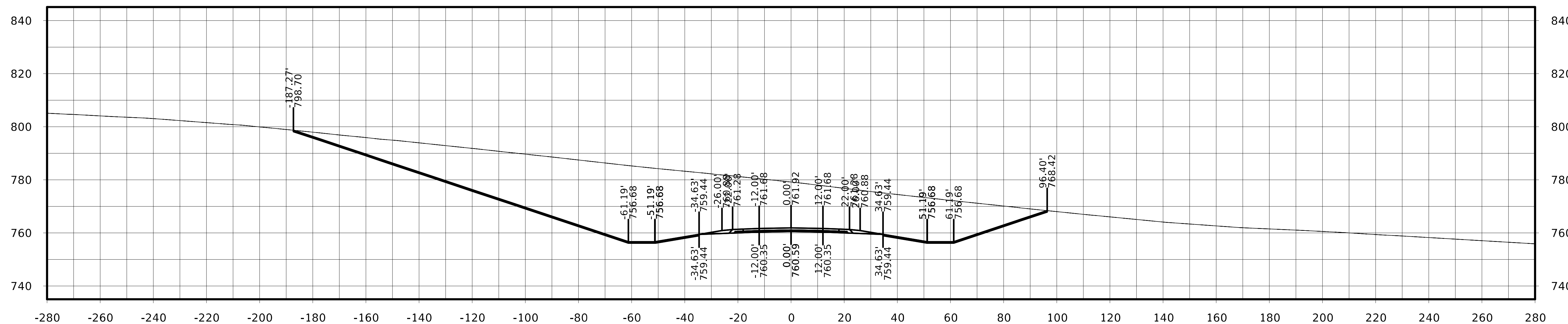
STA. 231+00.00



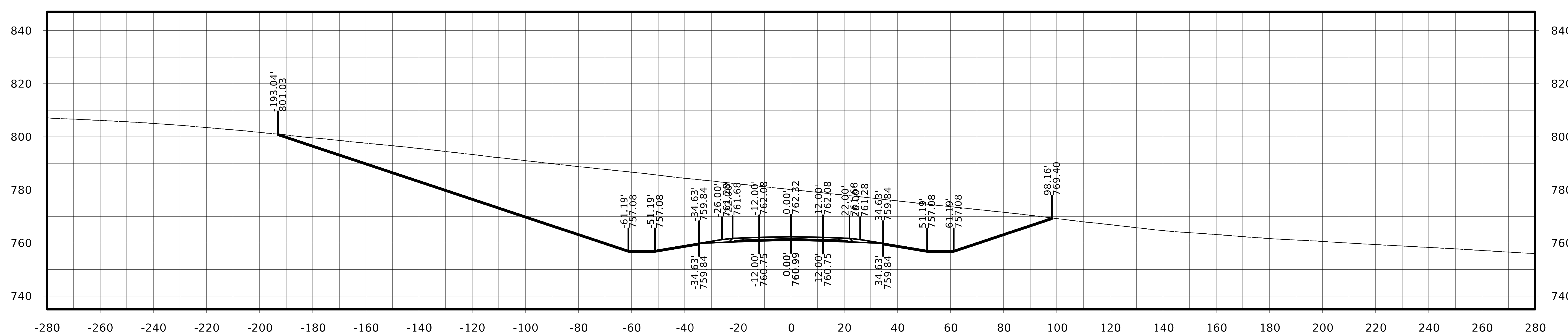
STA. 230+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.188

US 63



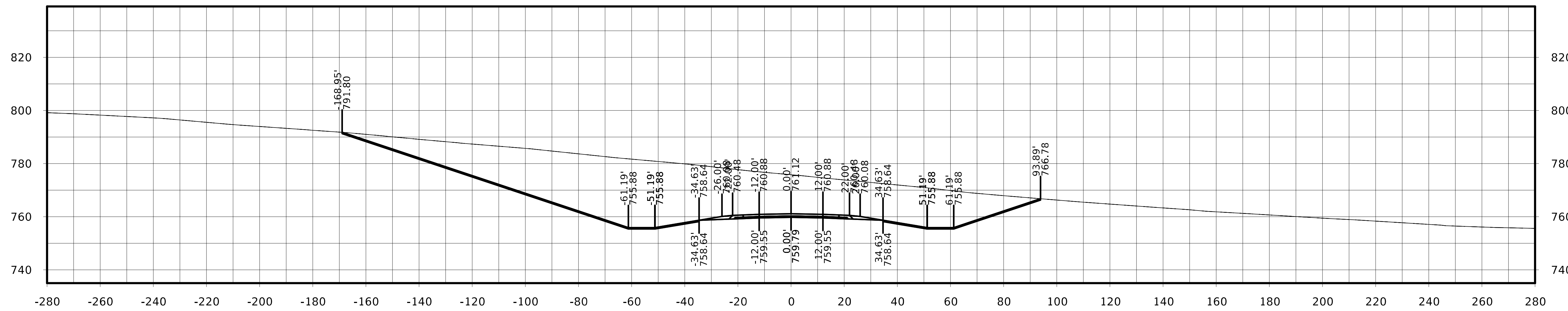
STA. 231+50.00



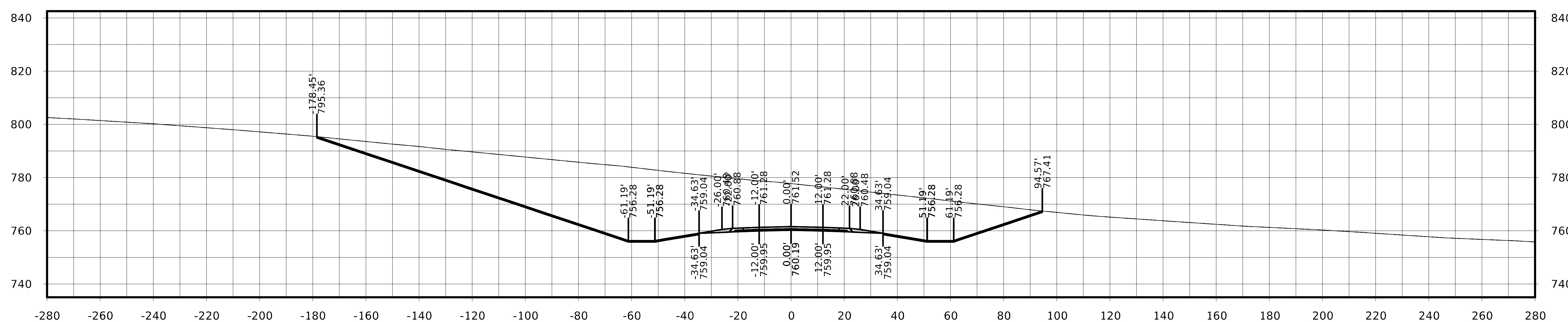
STA. 231+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.189

US 63

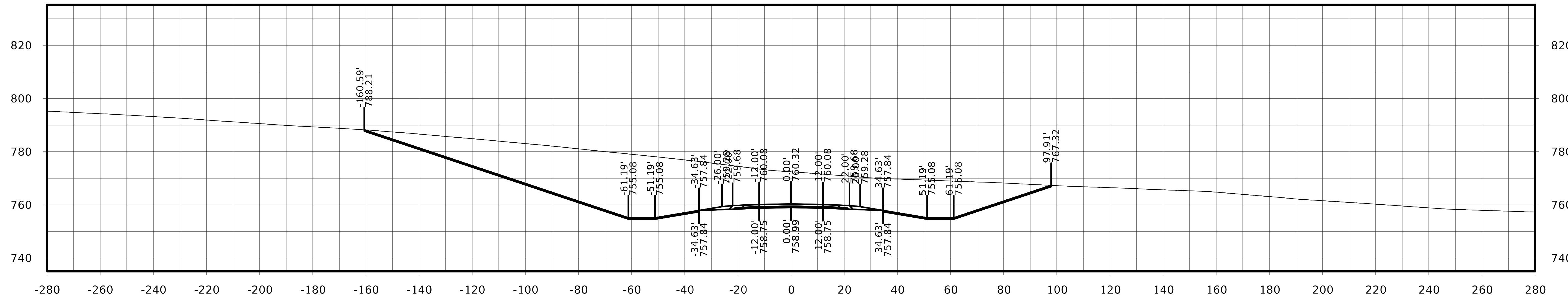


STA. 232+00.00

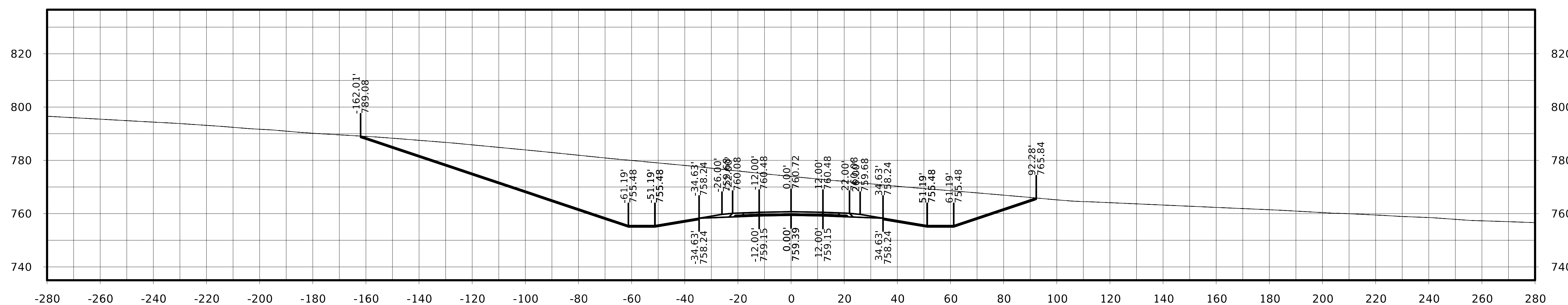


STA. 231+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.190

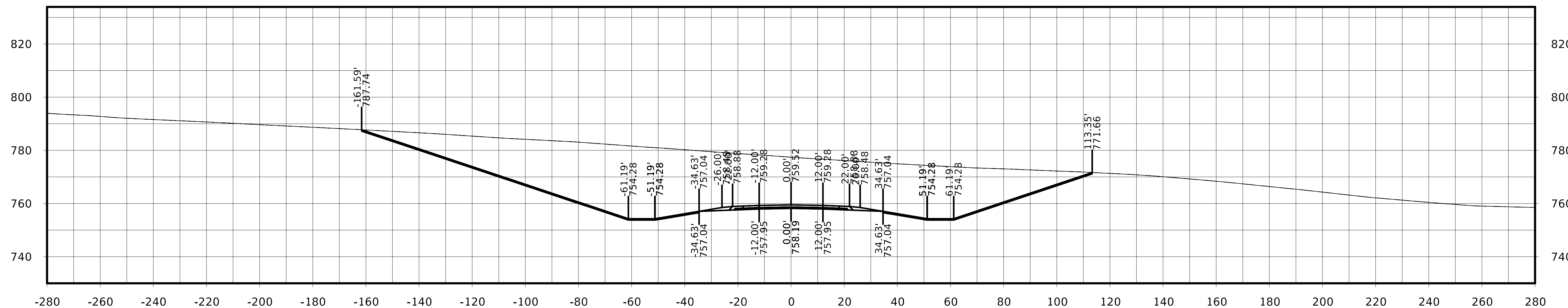


STA. 232+50.00

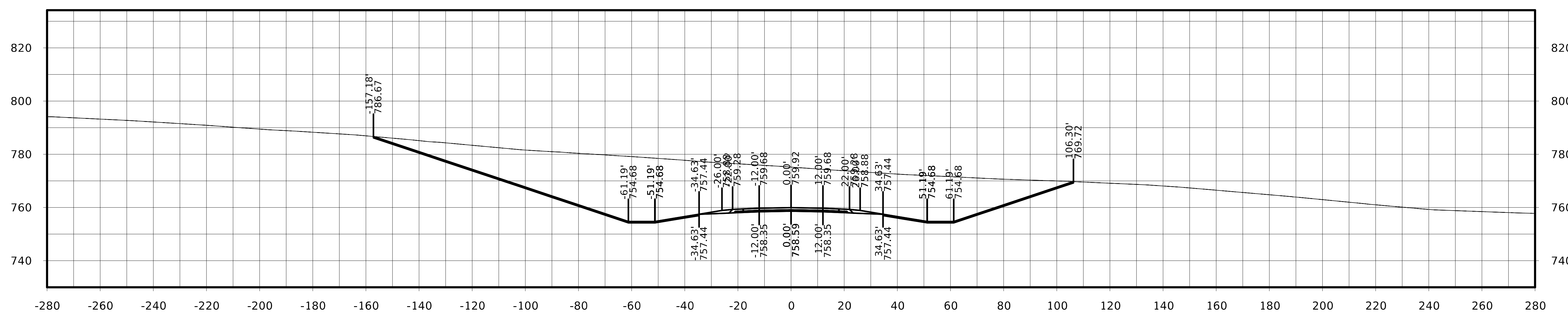


STA. 232+25.00

US 63



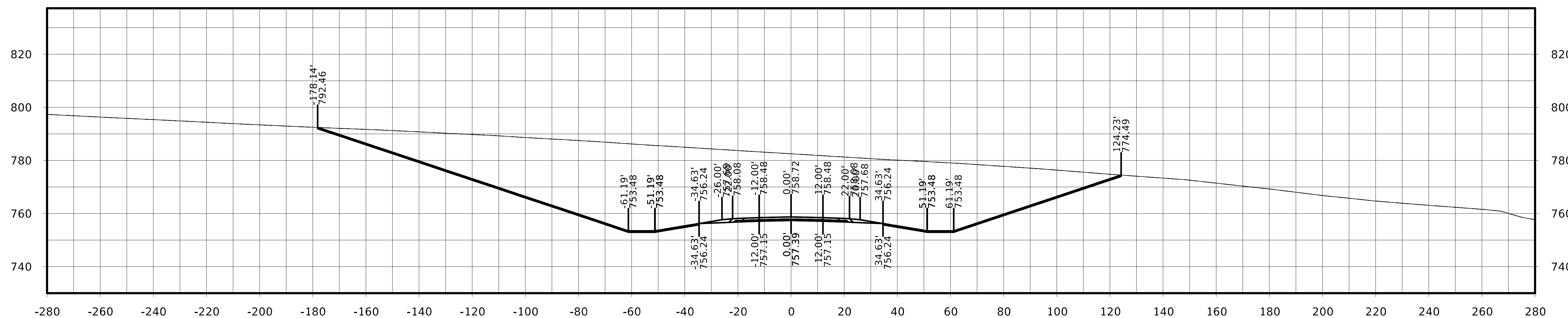
STA. 233+00.00

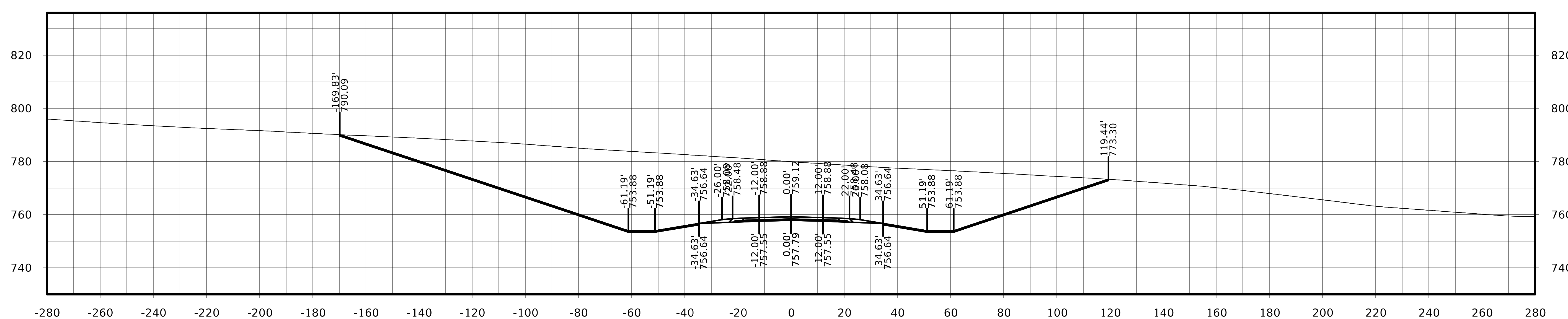


STA. 232+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.192

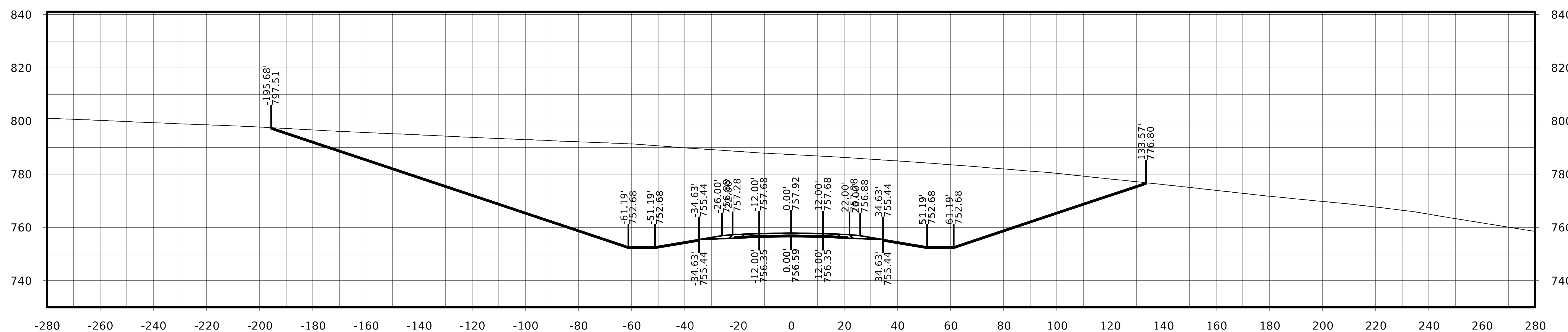
US 63

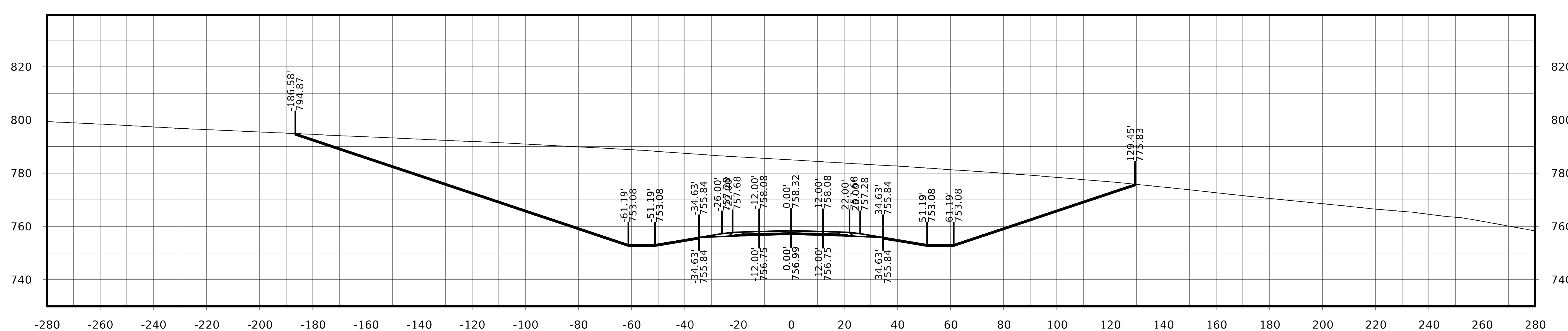




FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.193

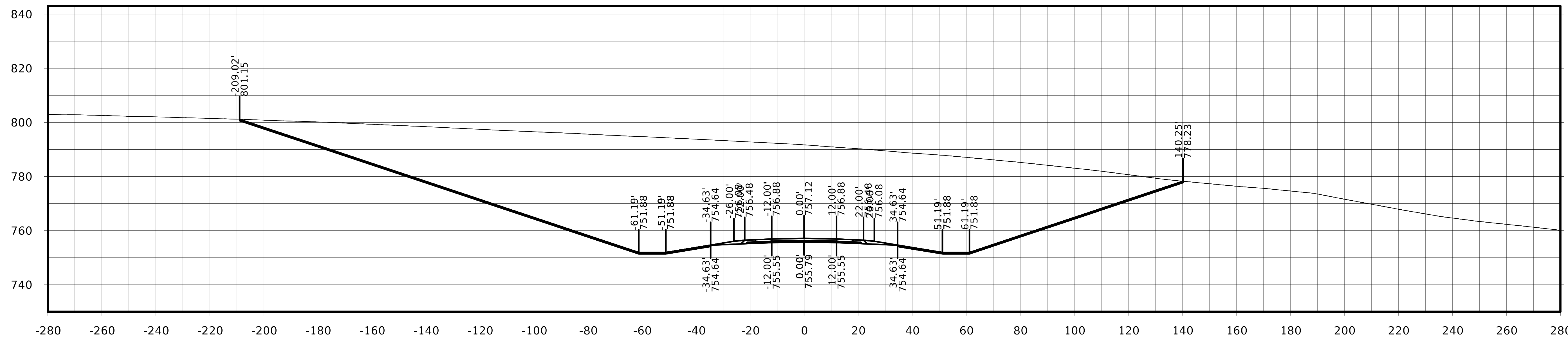
US 63



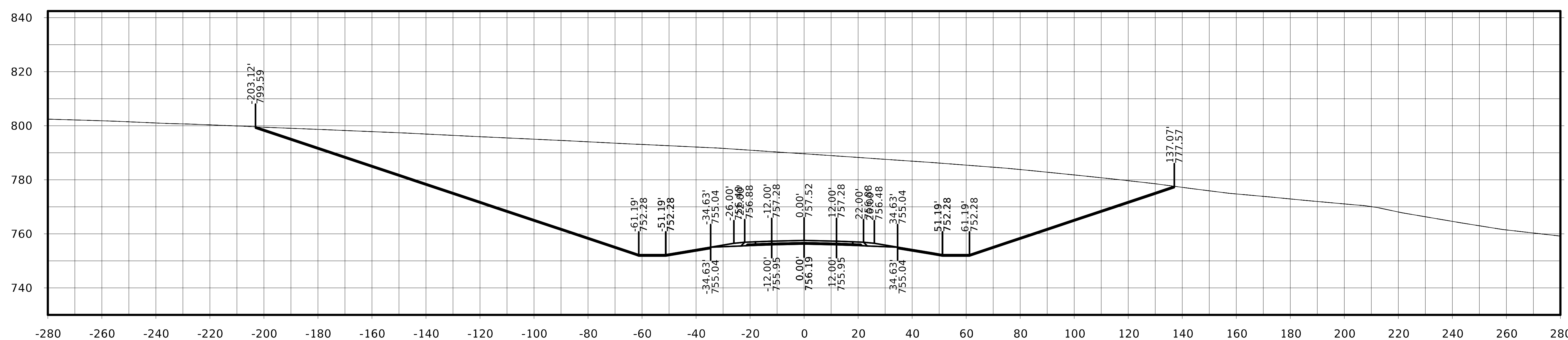


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.194

US 63



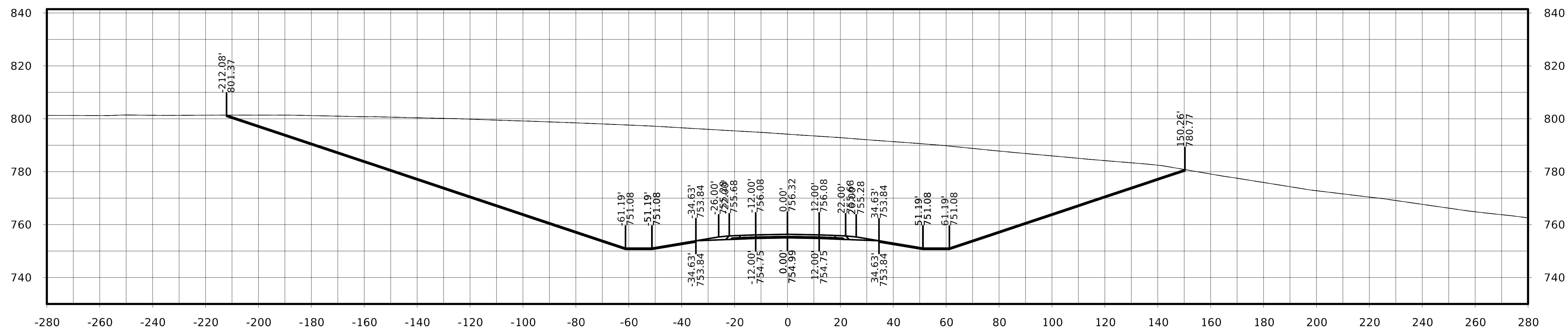
STA. 234+50.00



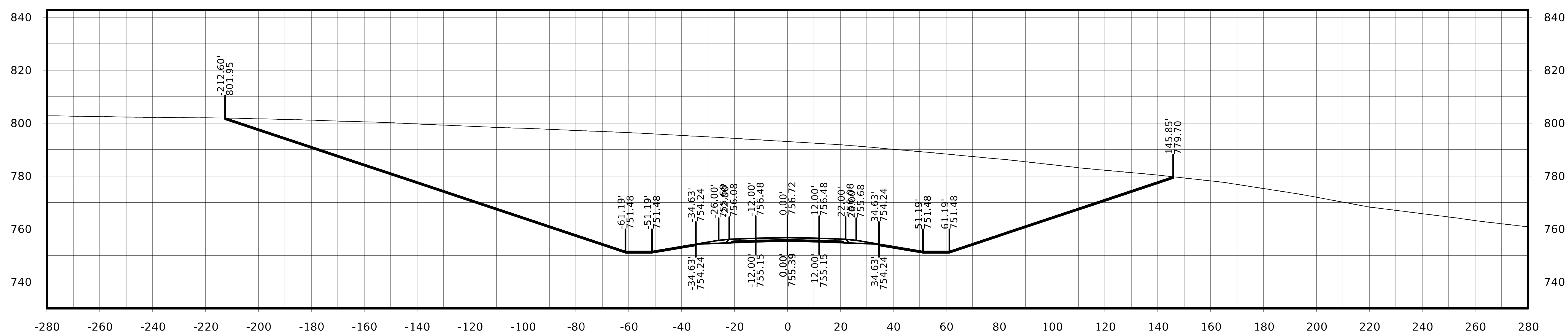
STA. 234+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.195

US 63



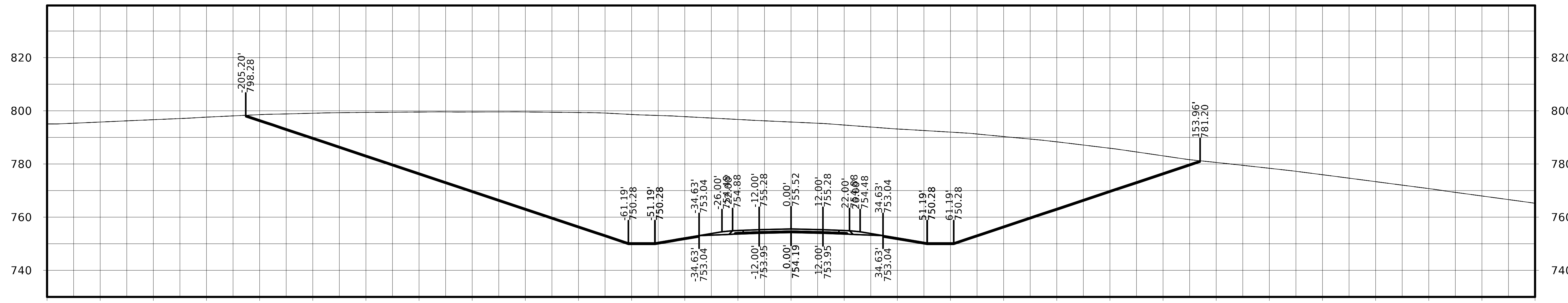
STA. 235+00.00



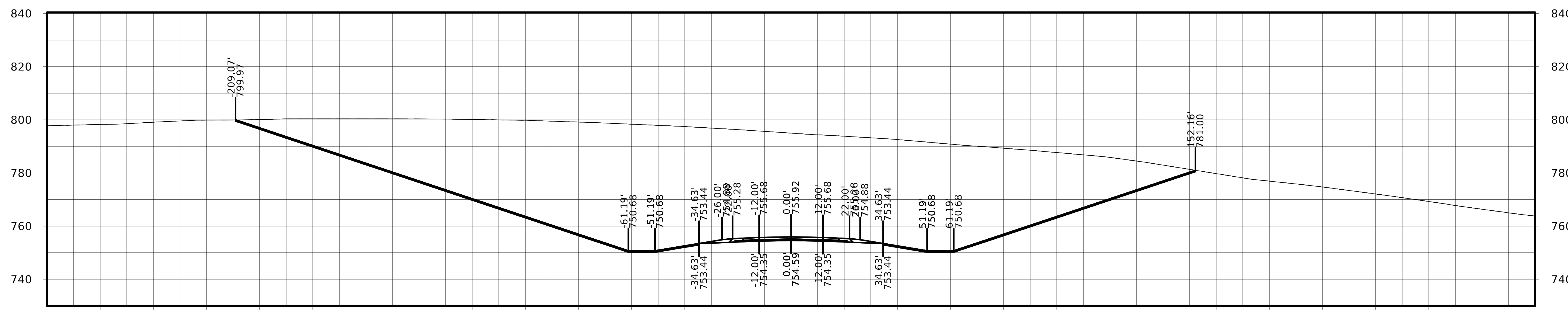
STA. 234+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.196

US 63

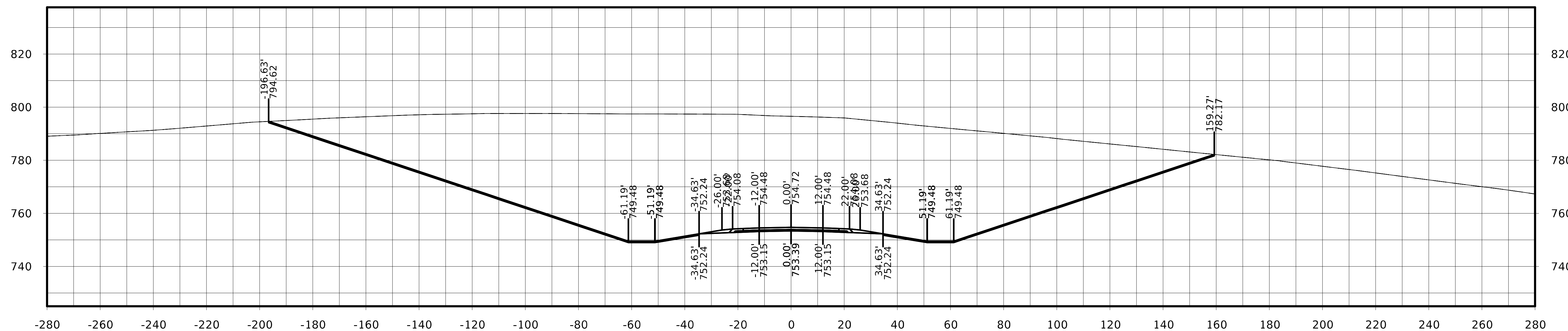


STA. 235+50.00

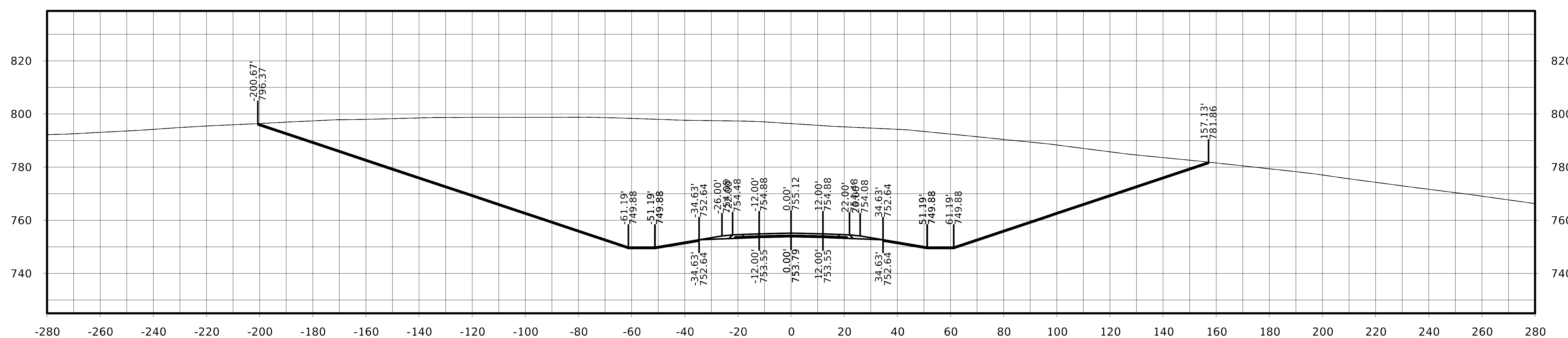


STA. 235+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.197

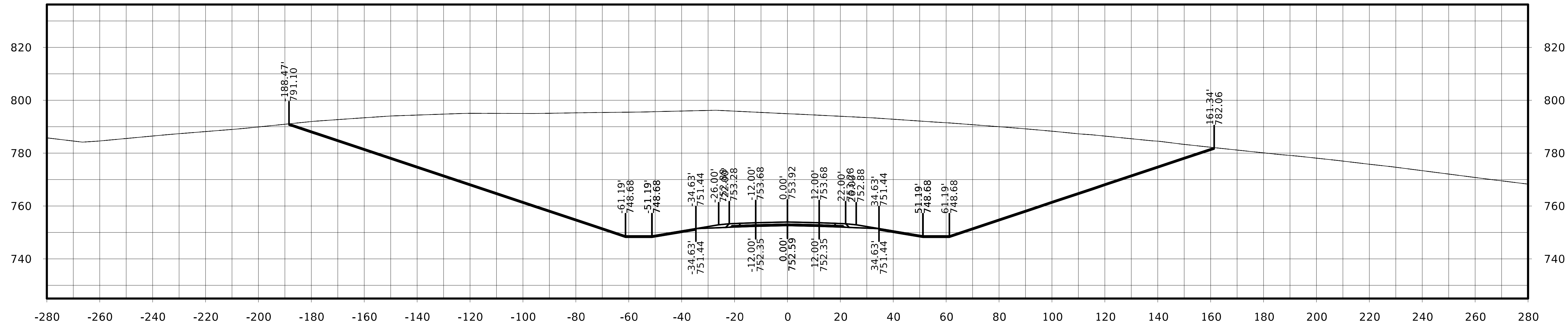


STA. 236+00.00

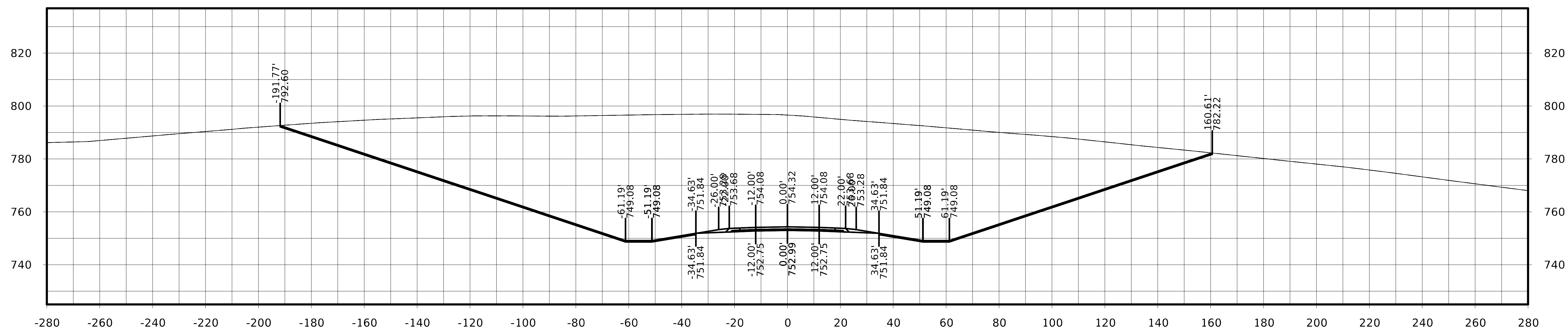


STA. 235+75.00

US 63

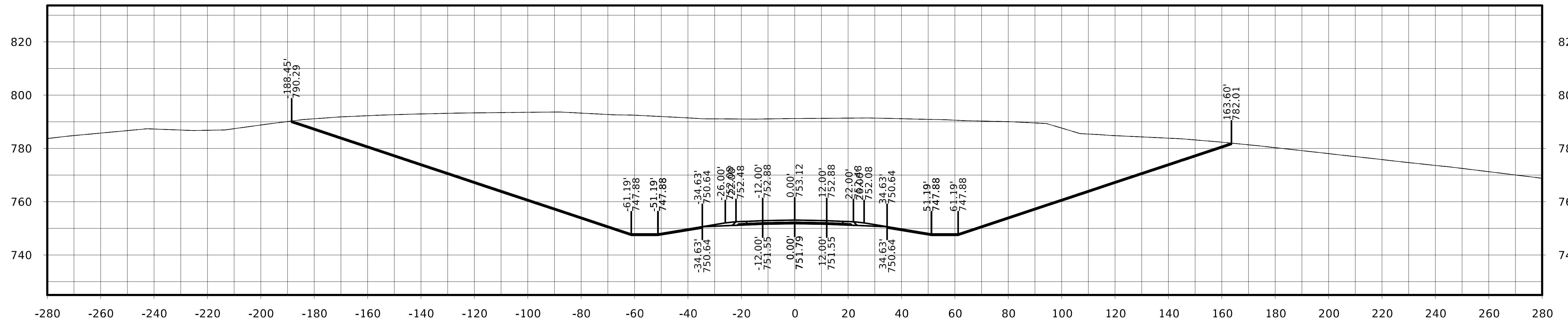


STA. 236+50.00

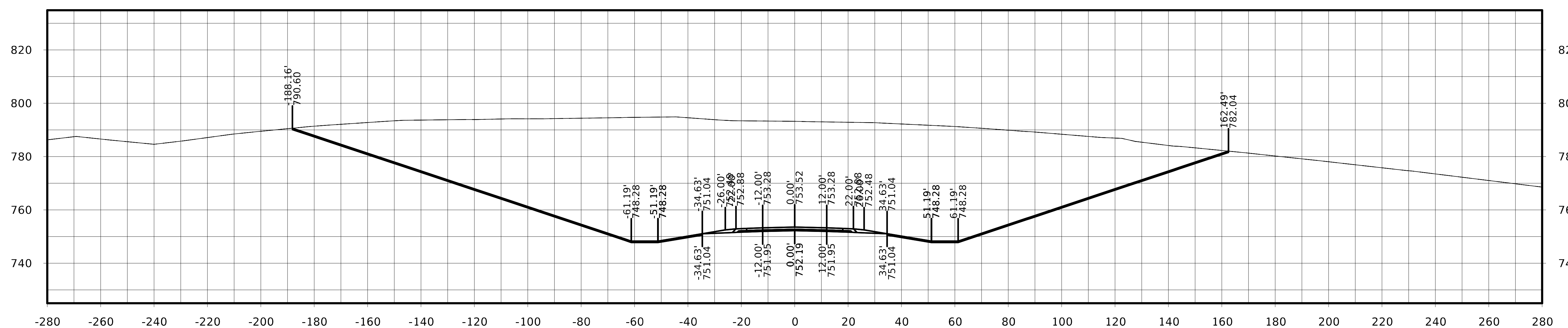


STA. 236+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.199



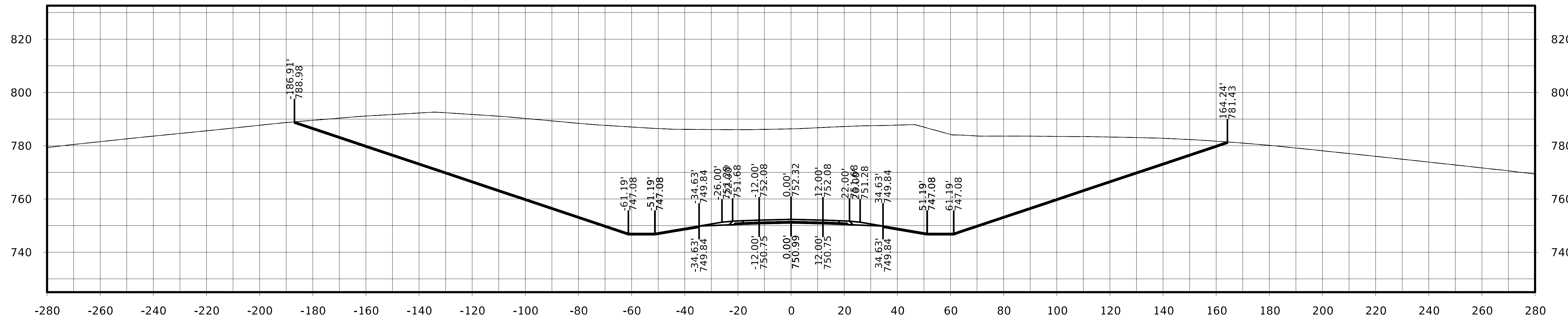
STA. 237+00.00



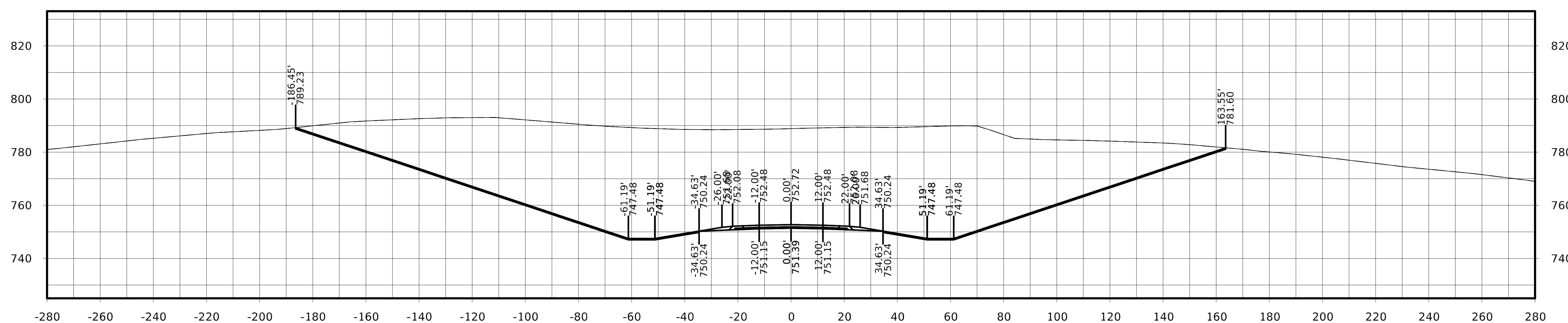
STA. 236+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.200

US 63



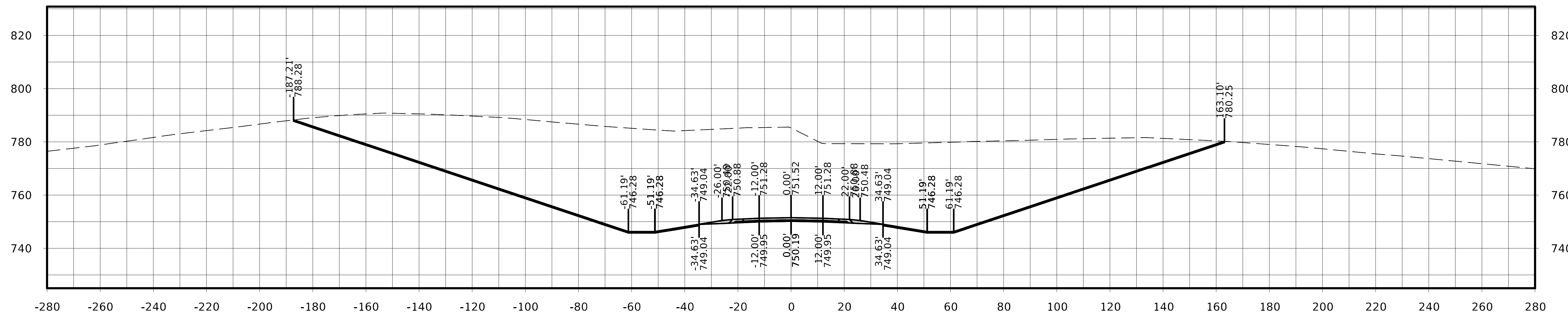
STA. 237+50.00



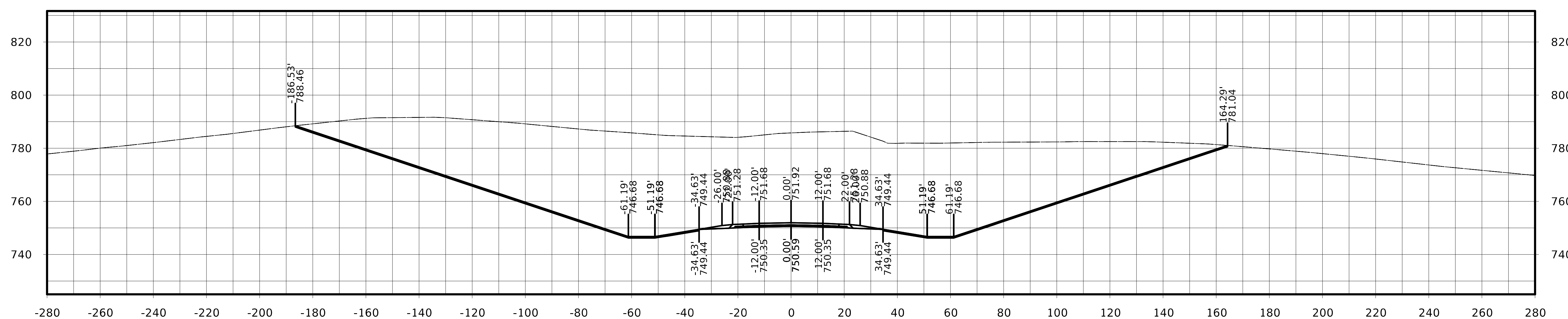
STA. 237+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.201

US 63



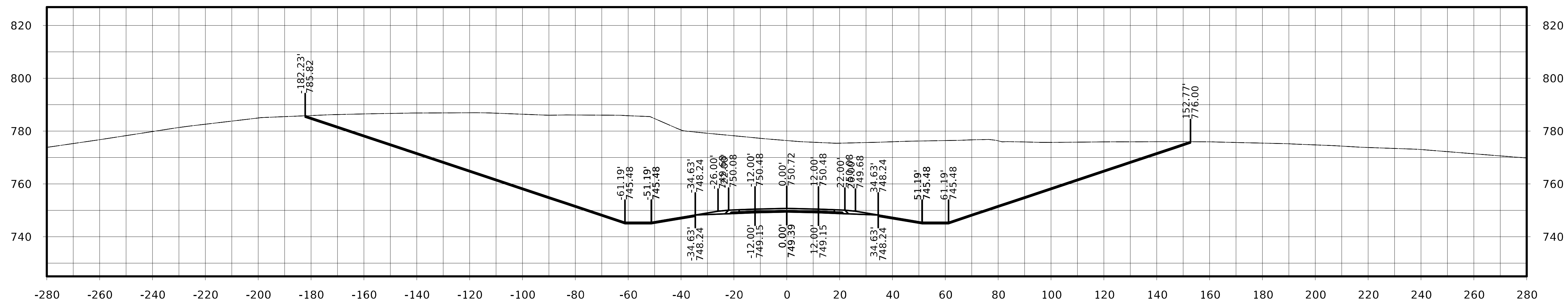
STA. 238+00.00

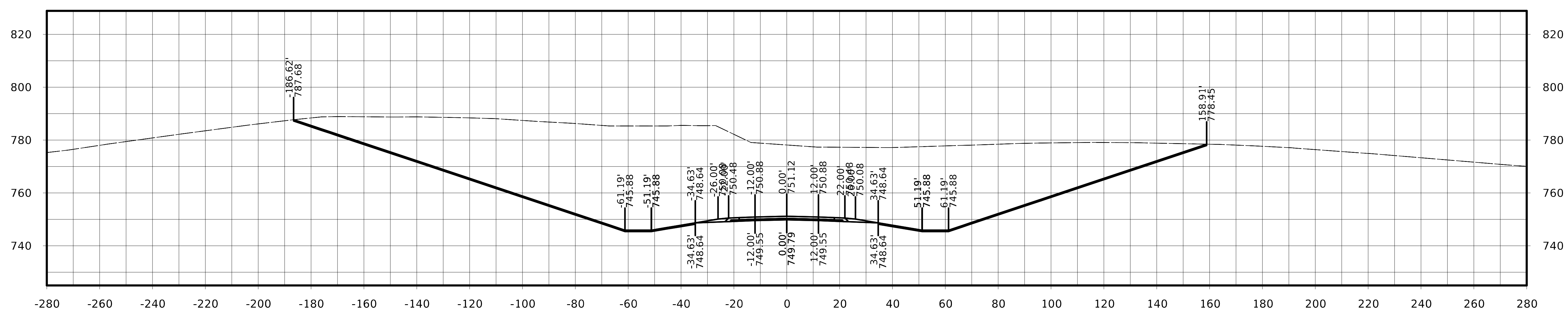


STA. 237+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.202

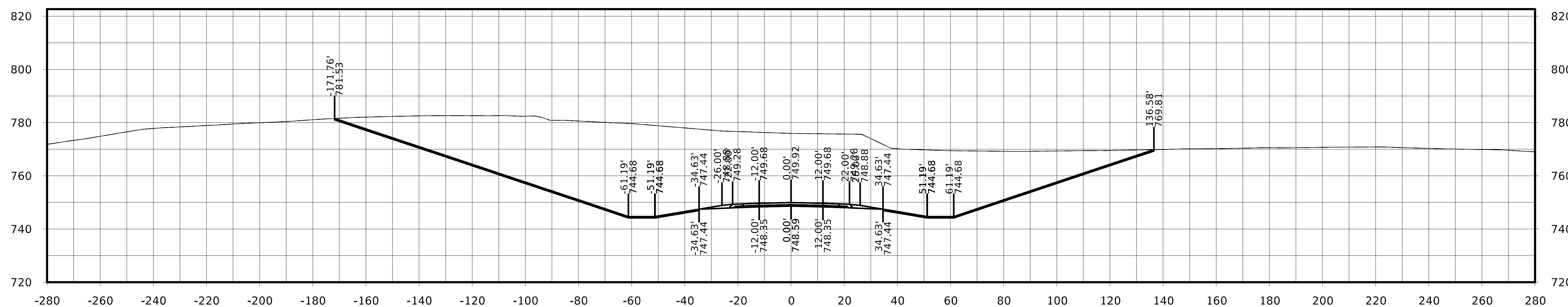
US 63



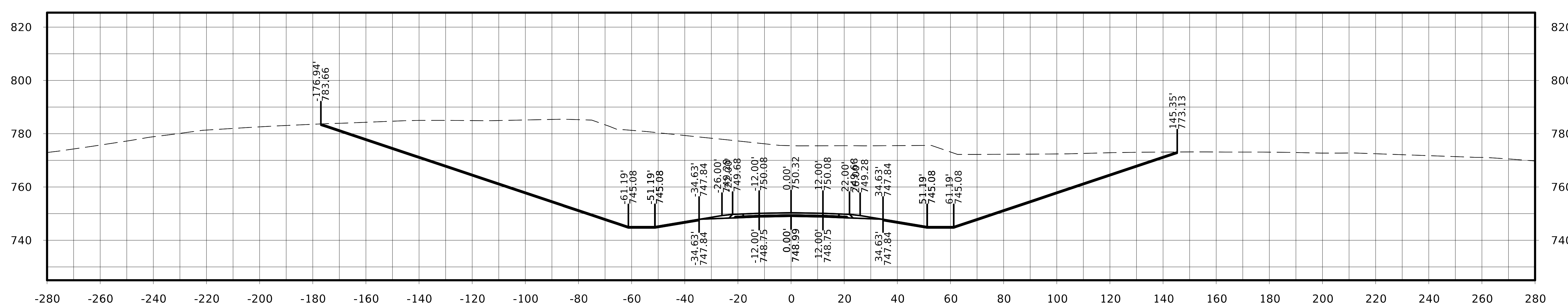


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.203

US 63

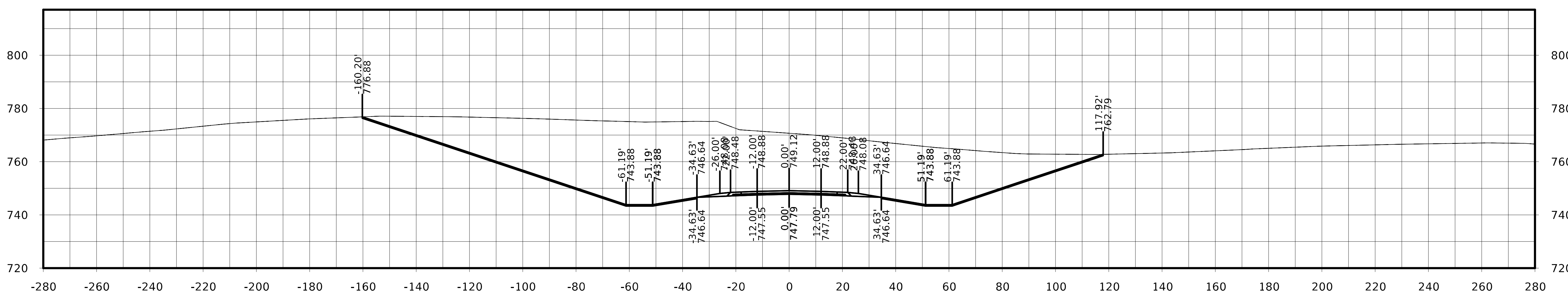


STA. 239+00.00

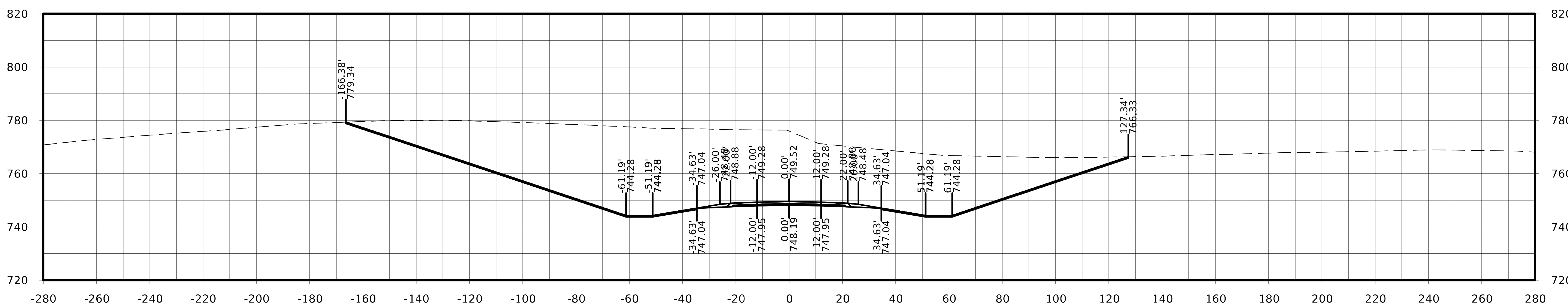


STA. 238+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.204



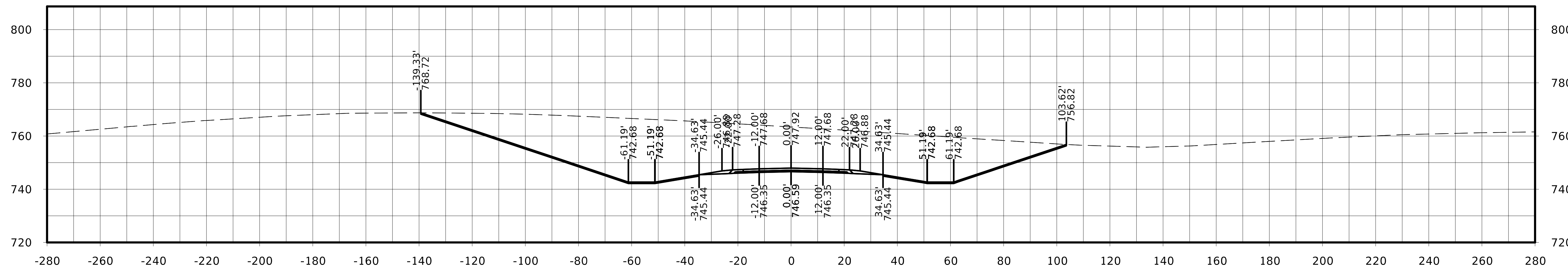
STA. 239+50.00



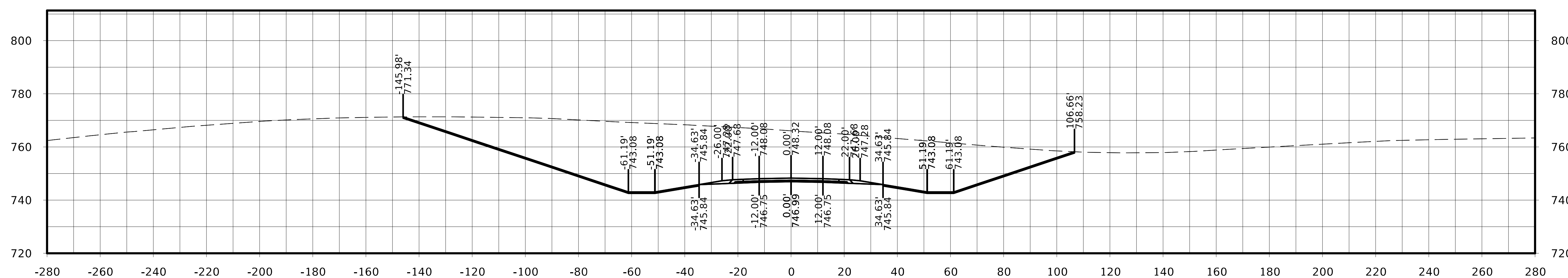
STA. 239+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.205

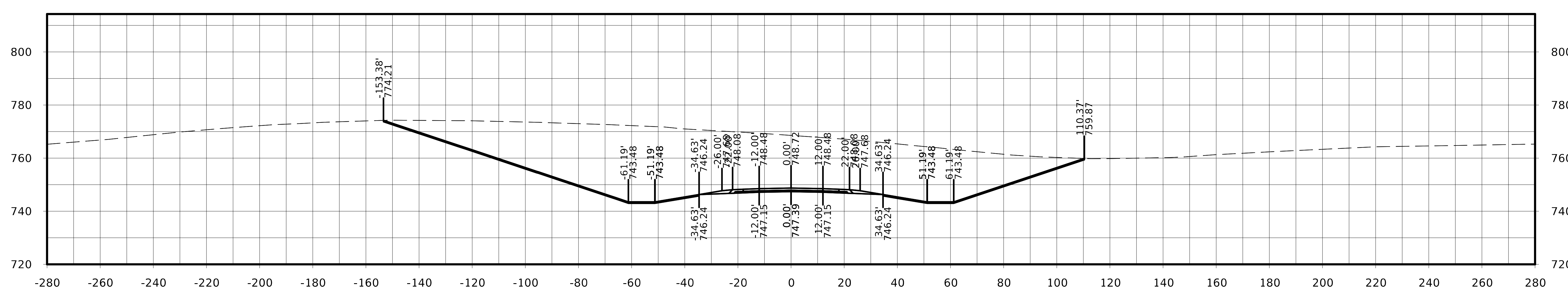
US 63



STA. 240+25.00

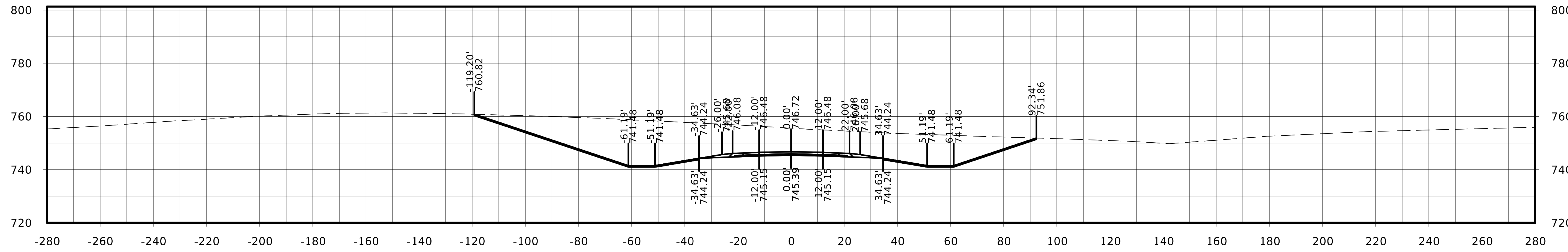


STA. 240+00.00

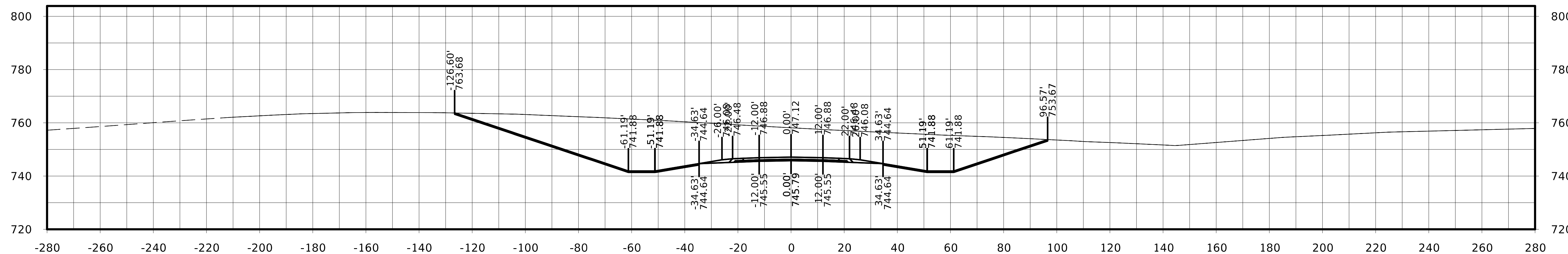


STA. 239+75.00

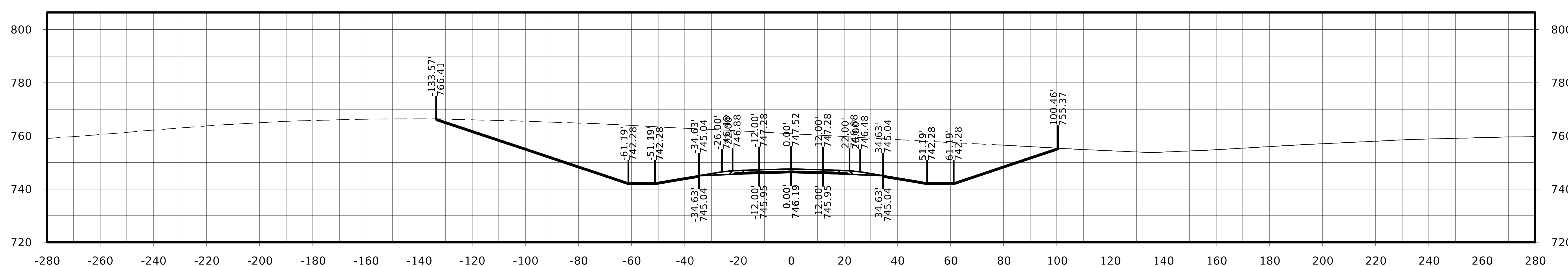
US 63



STA. 241+00.00

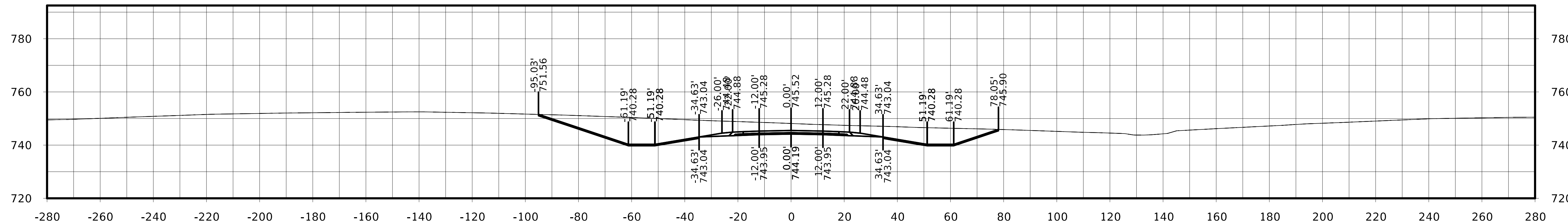


STA. 240+75.00

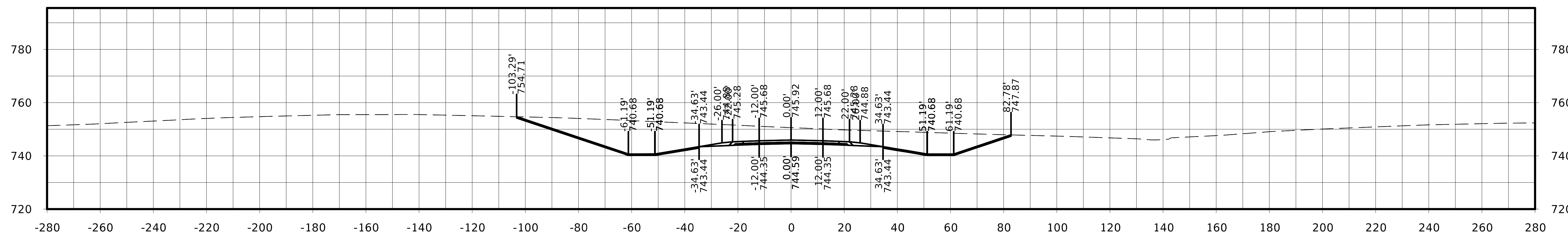


STA. 240+50.00

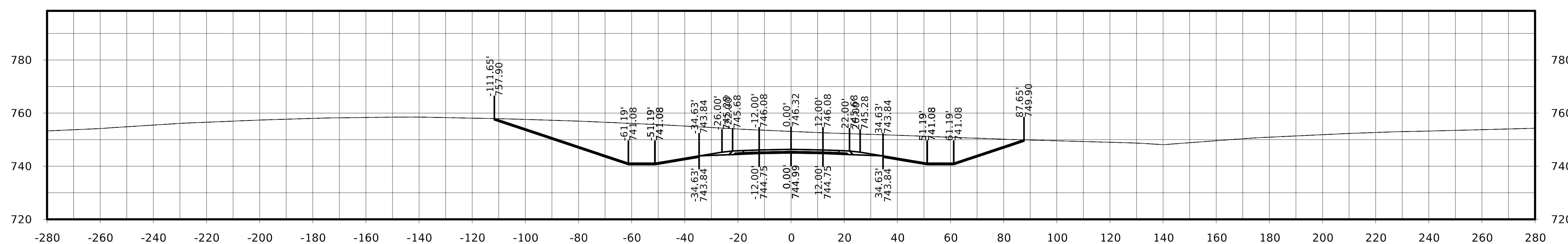
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.207



STA. 241+75.00

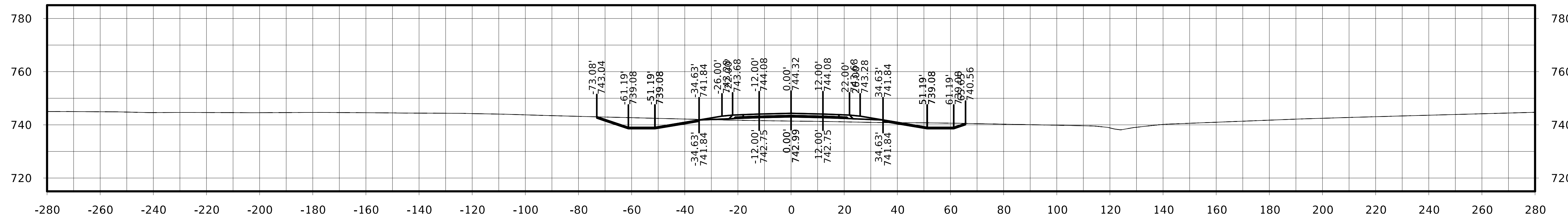


STA. 241+50.00

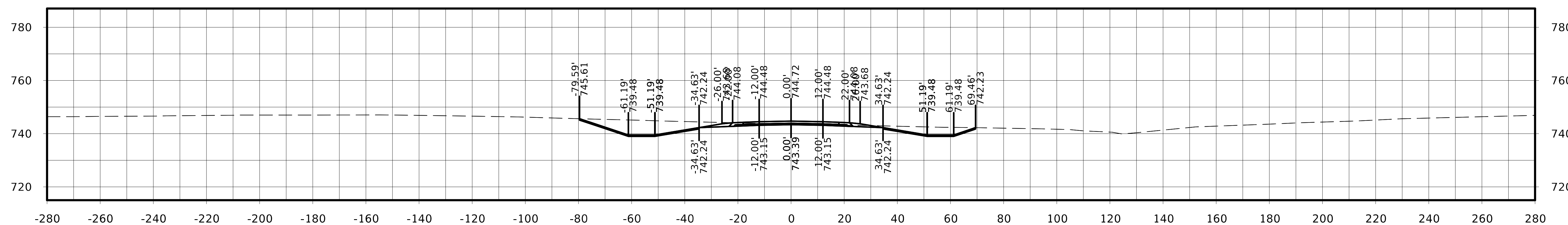


STA. 241+25.00

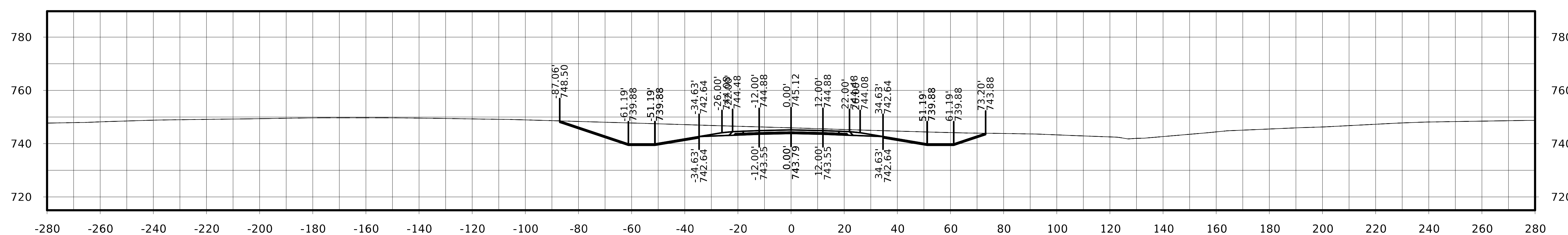
US 63



STA. 242+50.00

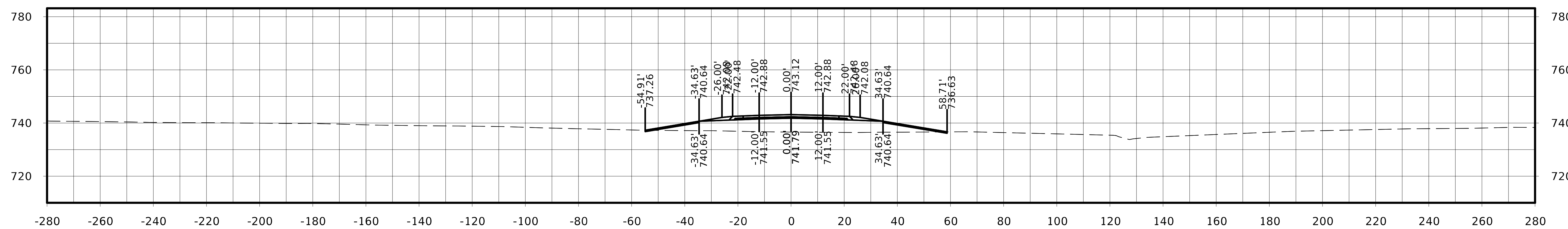


STA. 242+25.00

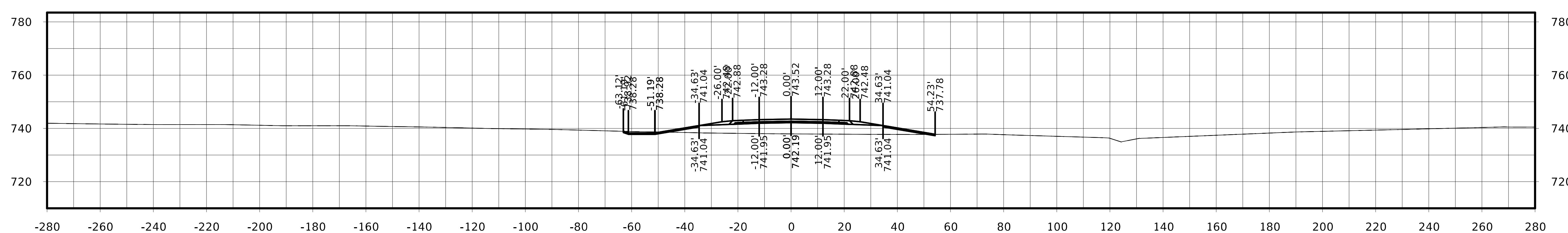


STA. 242+00.00

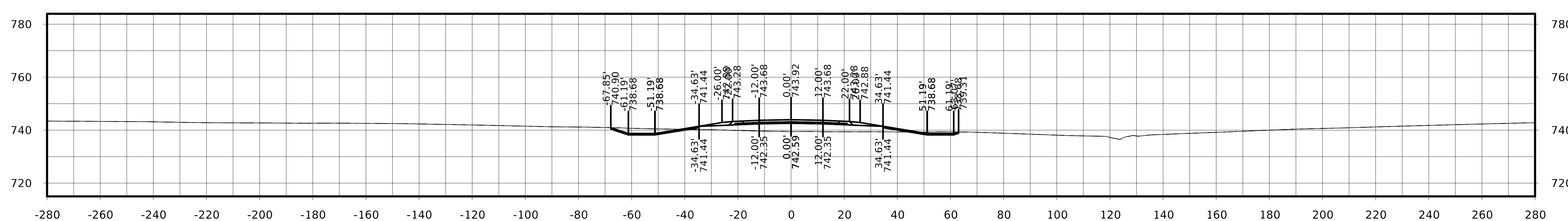
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.209



STA. 243+25.00

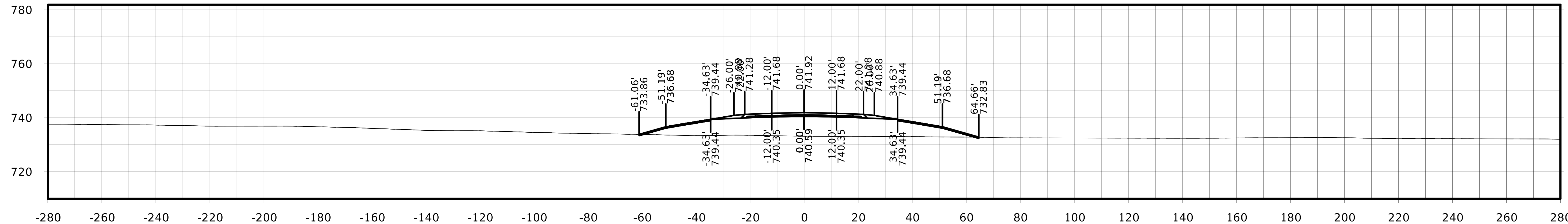


STA. 243+00.00

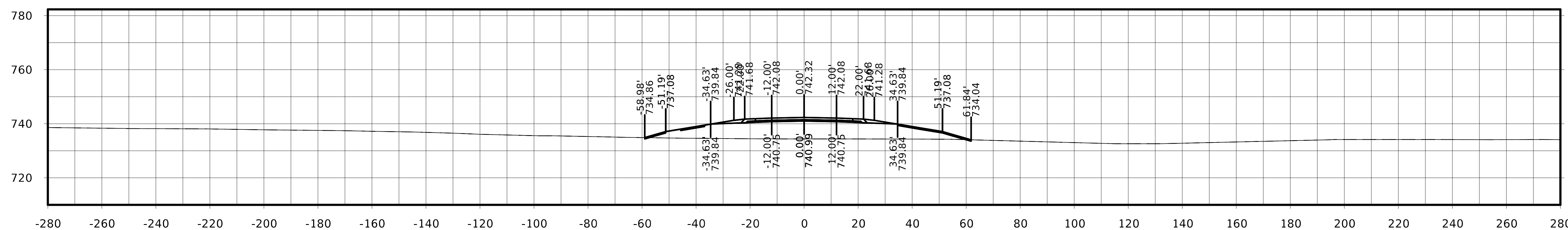


STA. 242+75.00

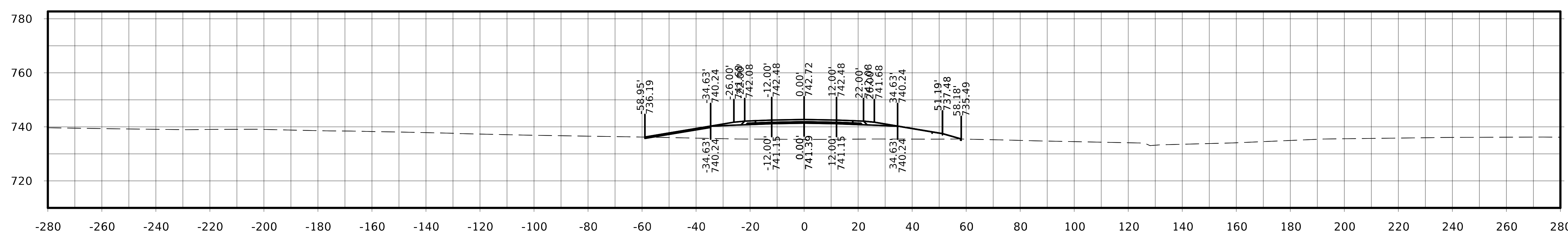
US 63



STA. 244+00.00

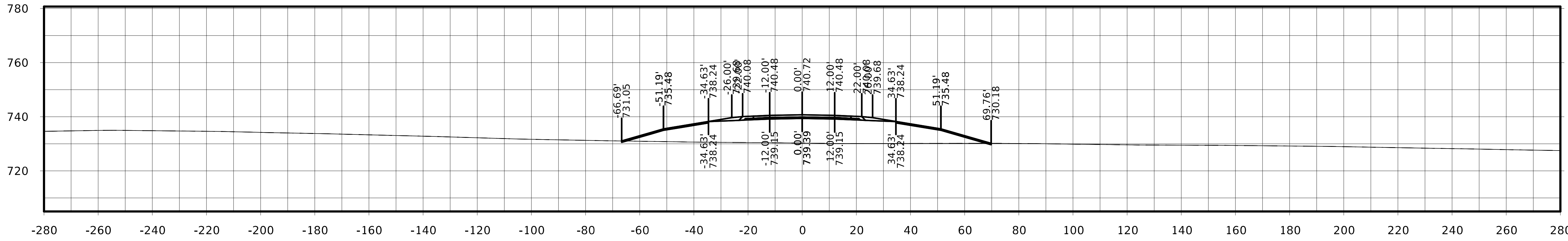


STA. 243+75.00

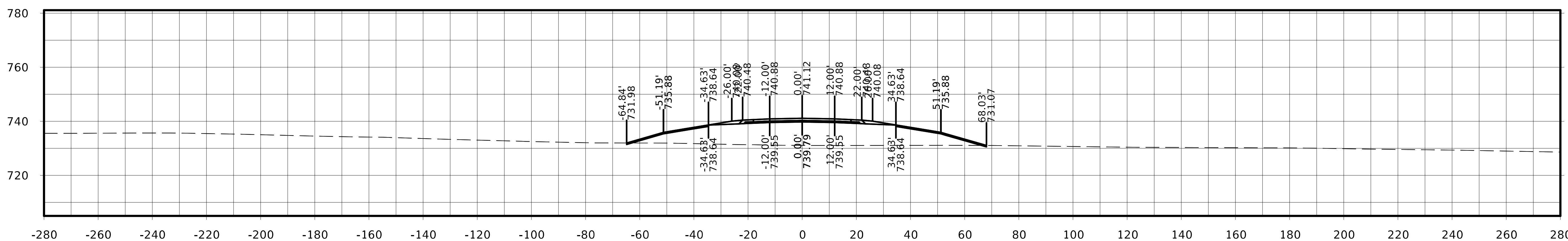


STA. 243+50.00

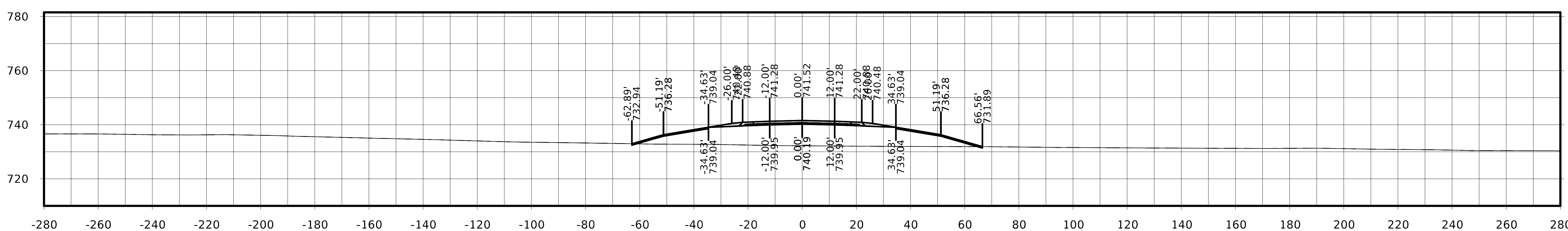
US 63



STA. 244+75.00

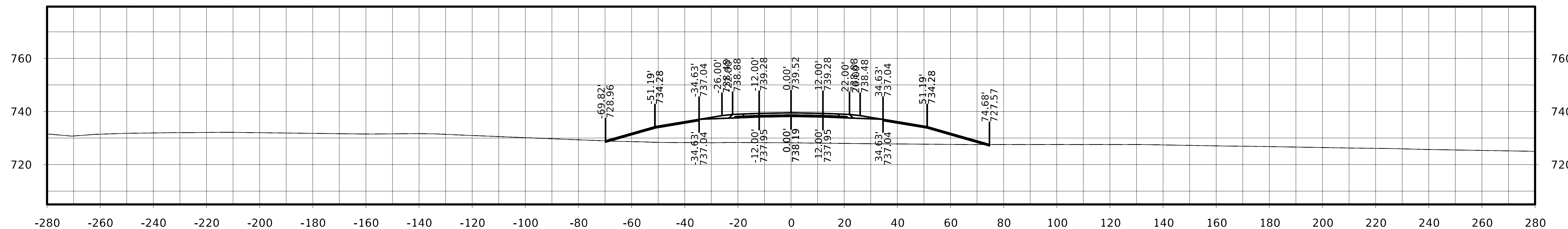


STA. 244+50.00

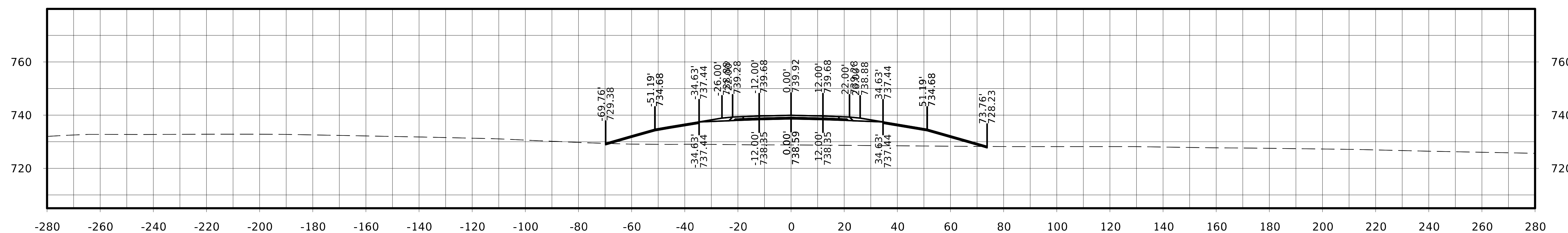


STA. 244+25.00

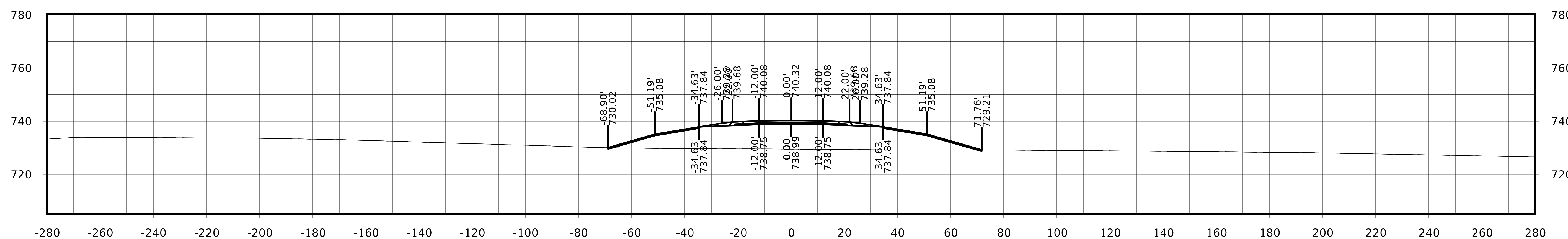
US 63



STA. 245+50.00



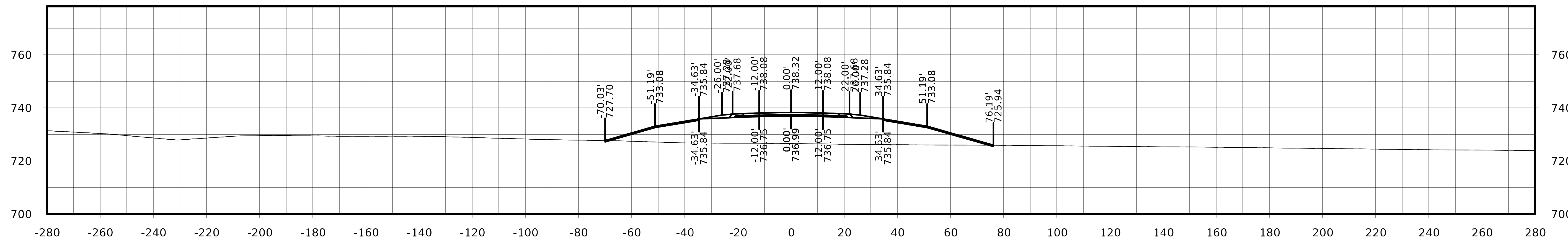
STA. 245+25.00



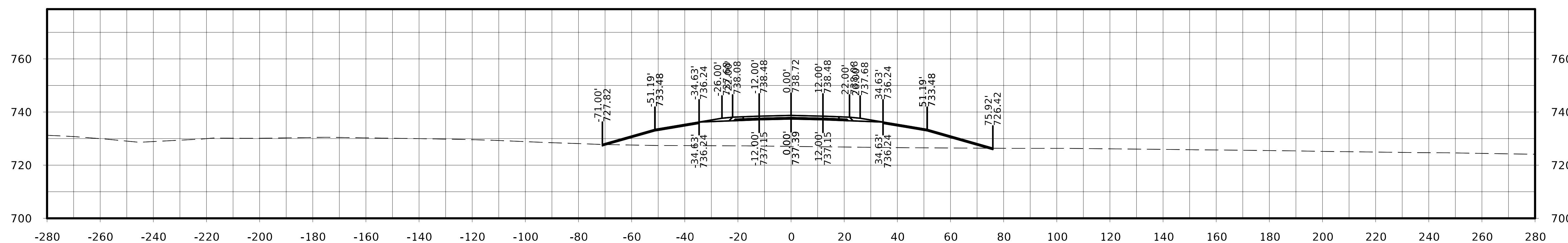
STA. 245+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.213

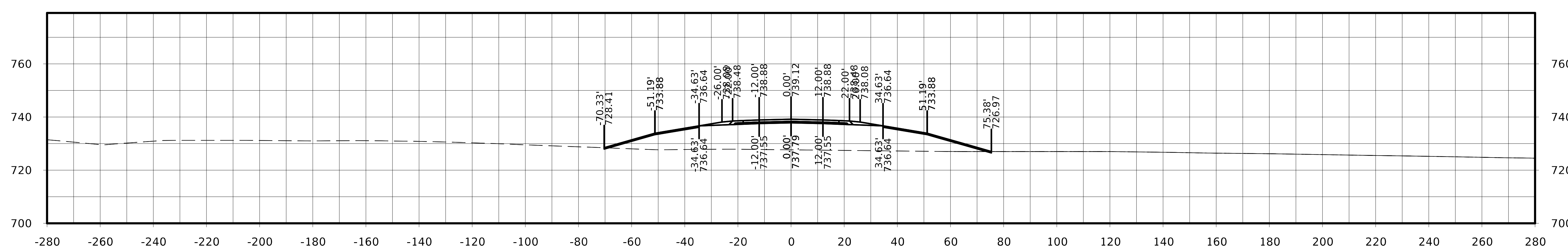
US 63



STA. 246+25.00

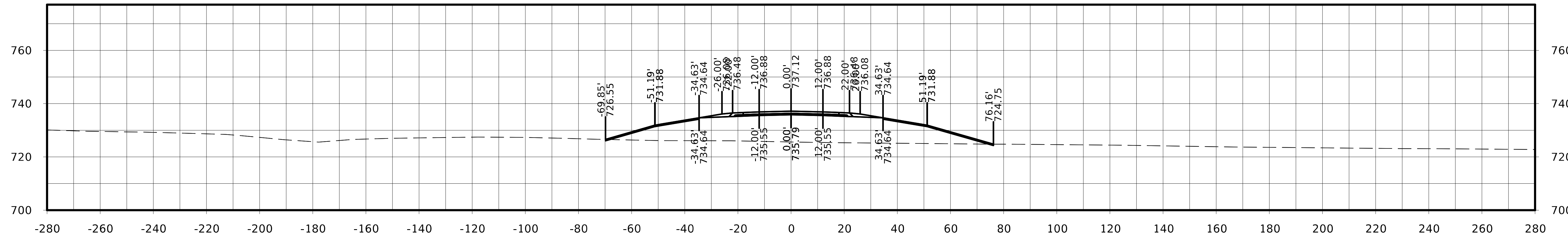


STA. 246+00.00

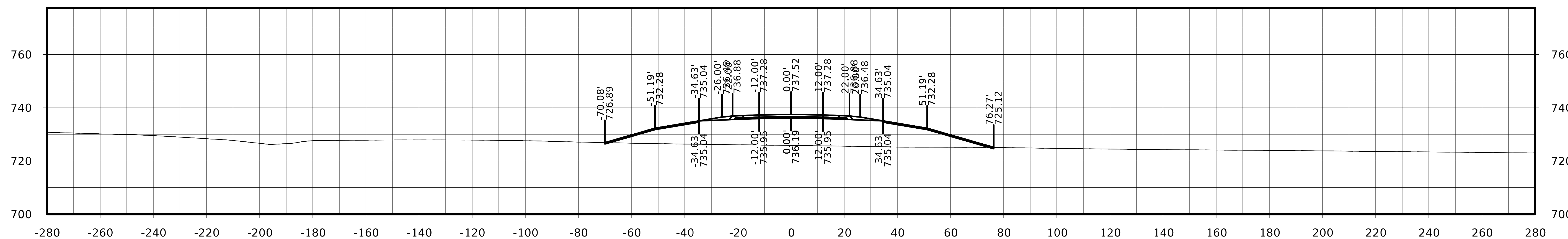


STA. 245+75.00

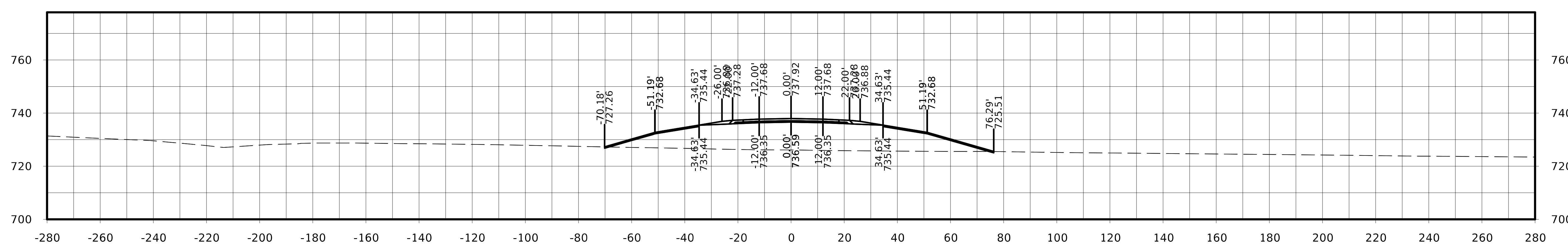
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.214



STA. 247+00.00

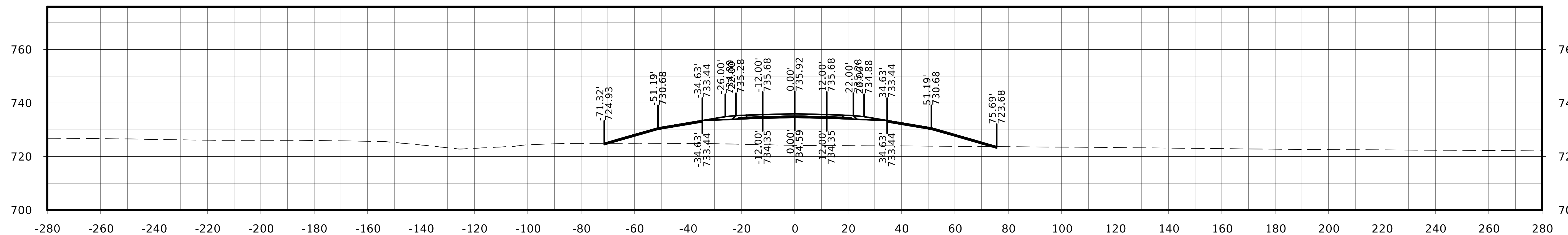


STA. 246+75.00

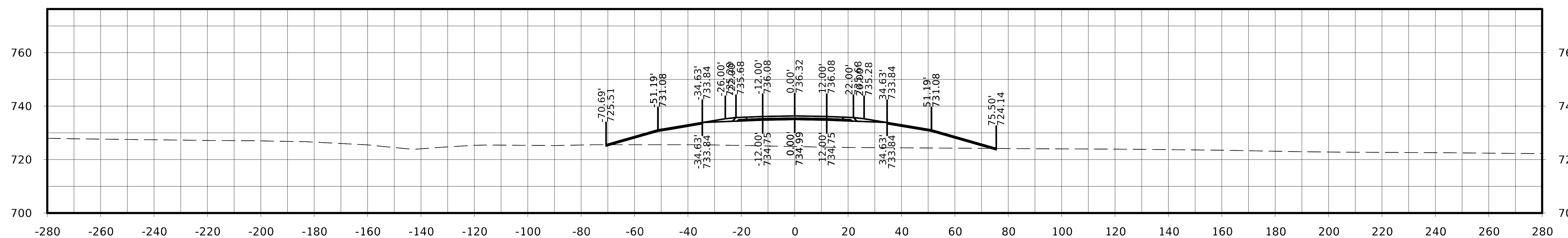


STA. 246+50.00

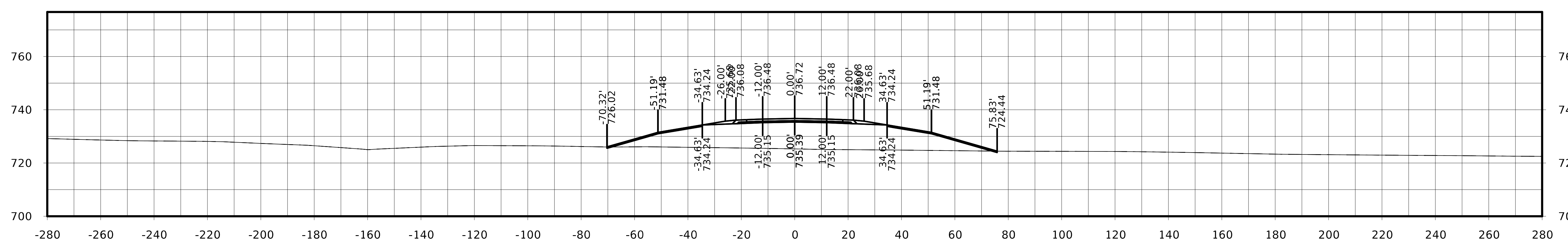
US 63



STA. 247+75.00



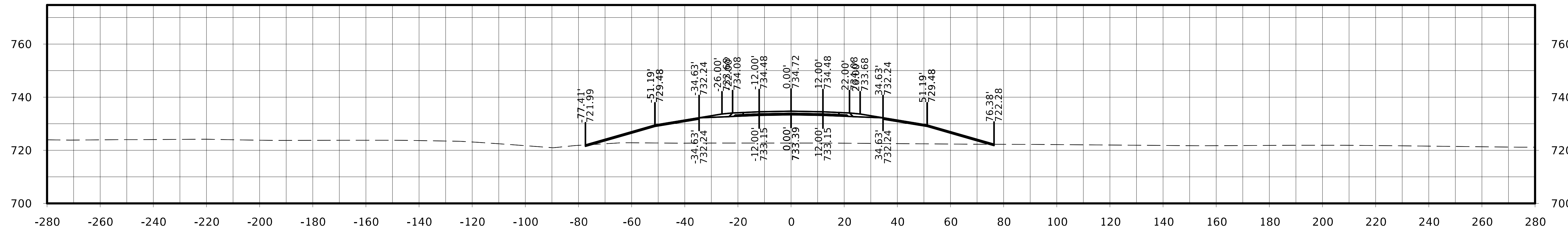
STA. 247+50.00



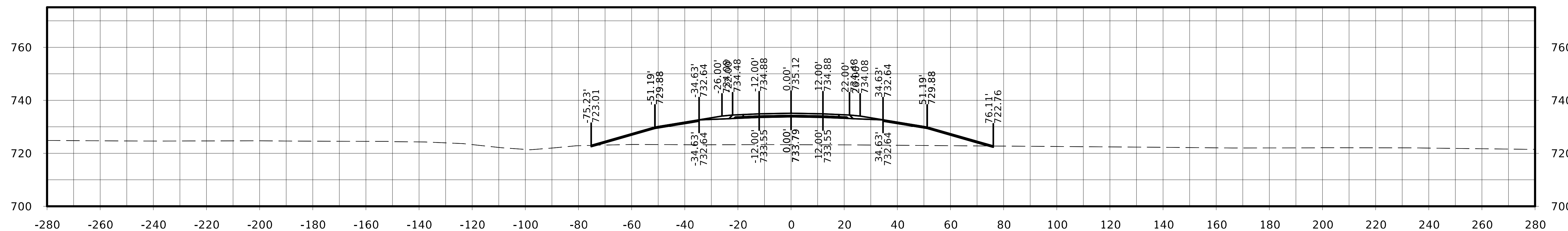
STA. 247+25.00

FILE NO.	ENGLISH	DESIGN TEAM	Flattery / Johnson	MAHASKA	COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER W.216

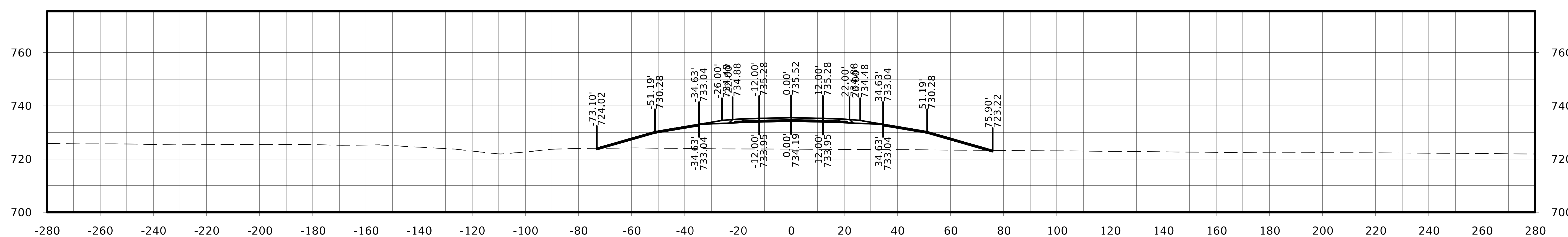
US 63



STA. 248+50.00



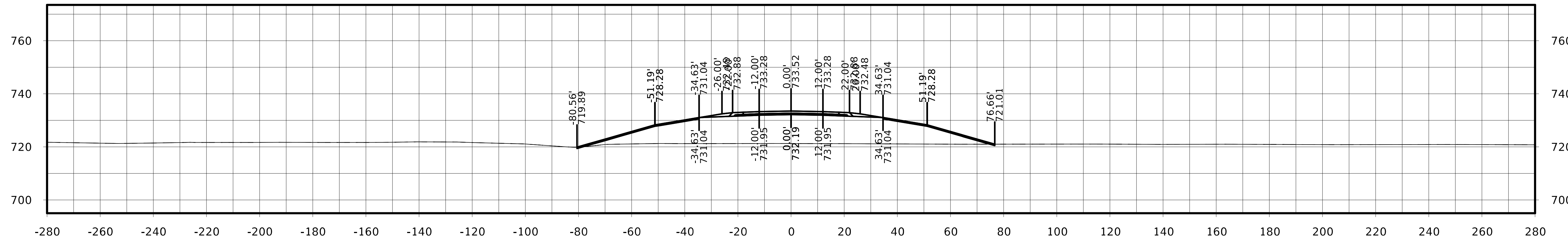
STA. 248+25.00



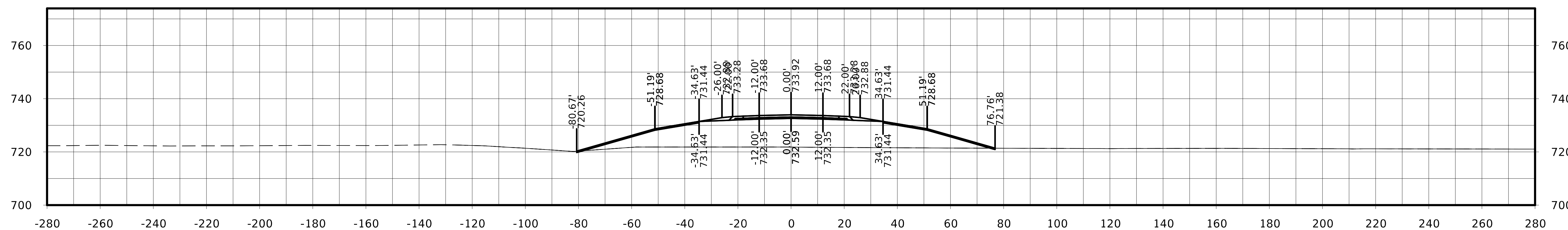
STA. 248+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.217

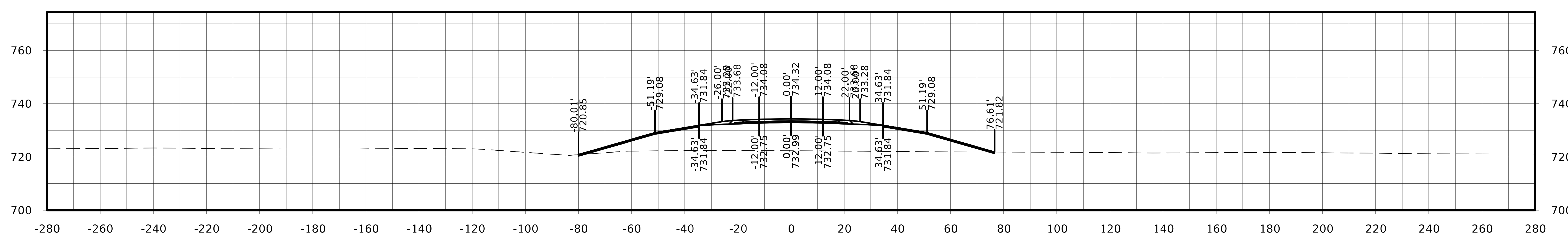
US 63



STA. 249+25.00



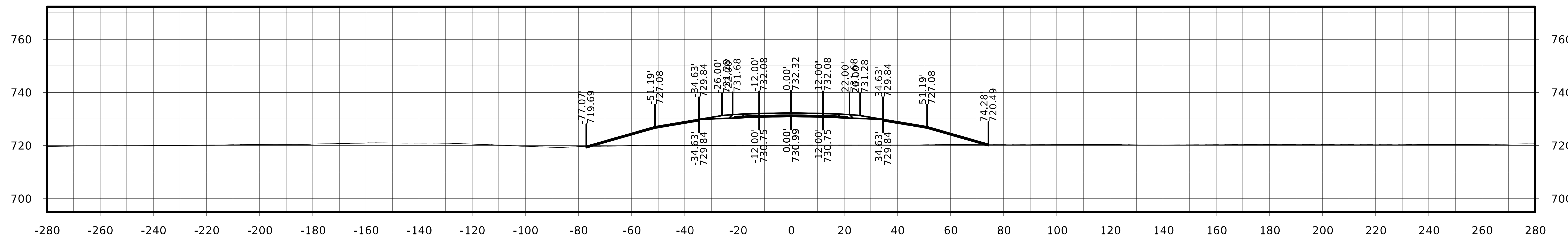
STA. 249+00.00



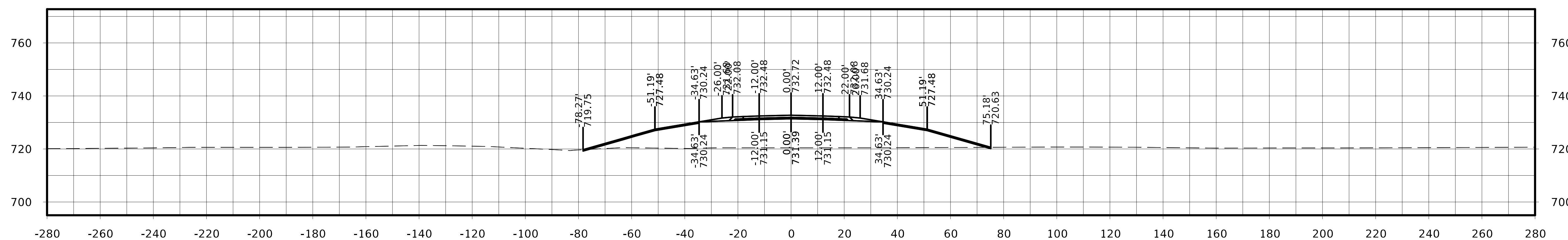
STA. 248+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.218

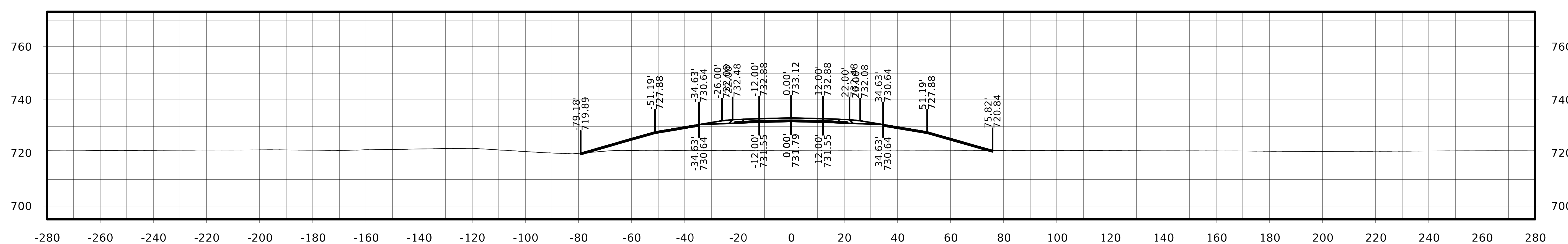
US 63



STA. 250+00.00



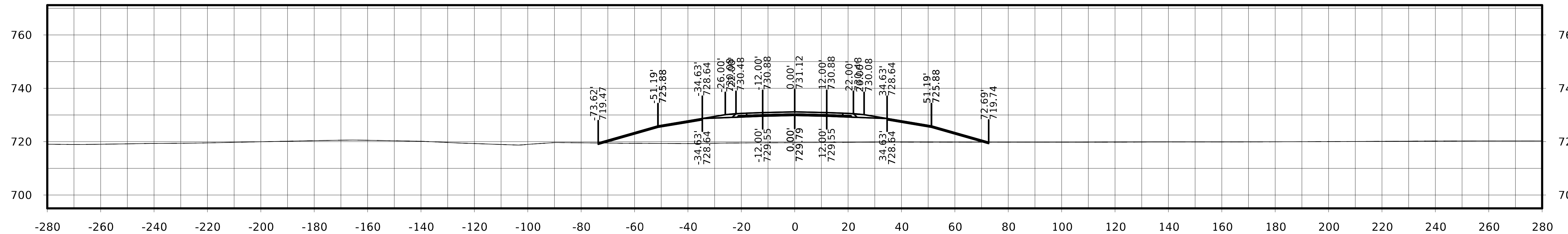
STA. 249+75.00



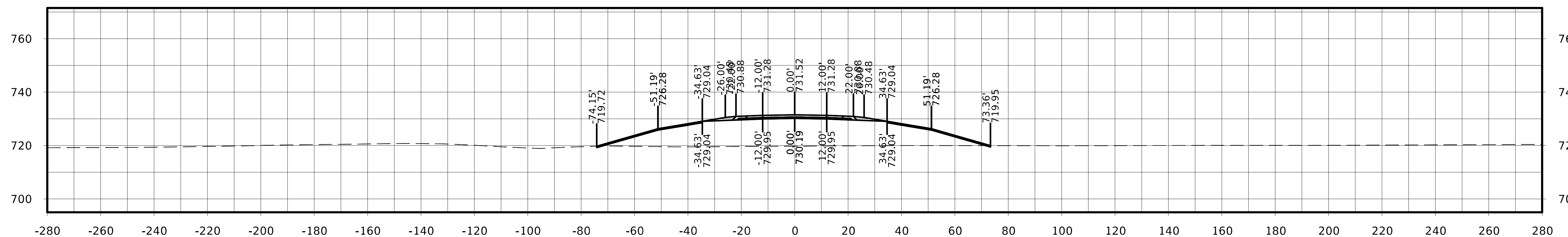
STA. 249+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.219

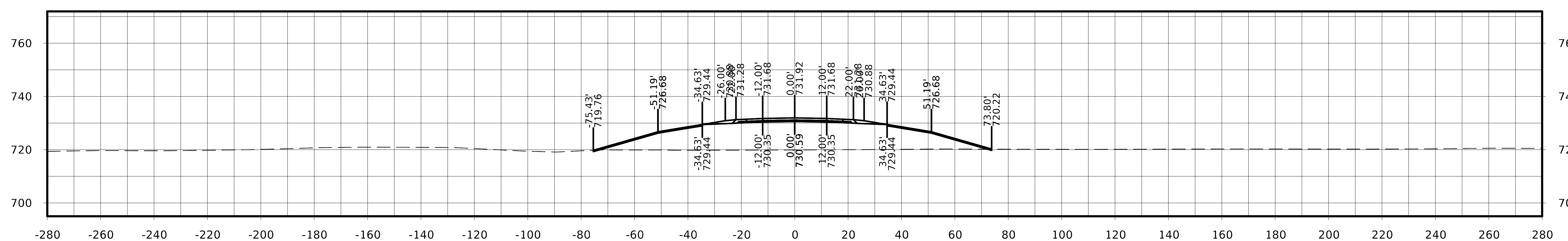
US 63



STA. 250+75.00



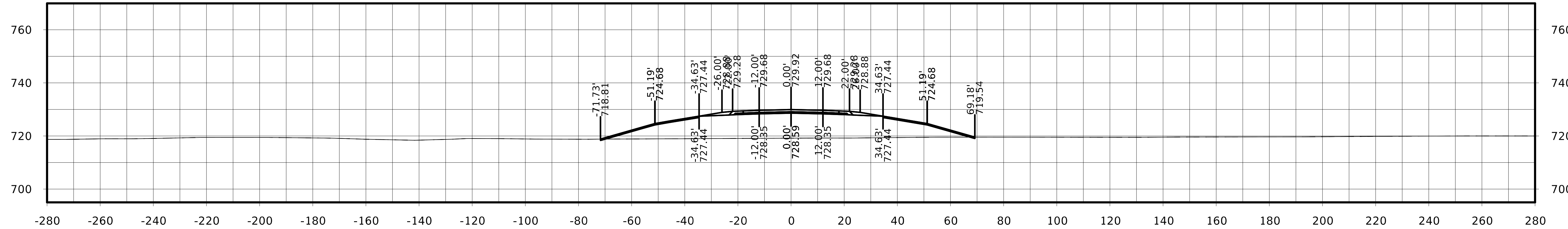
STA. 250+50.00



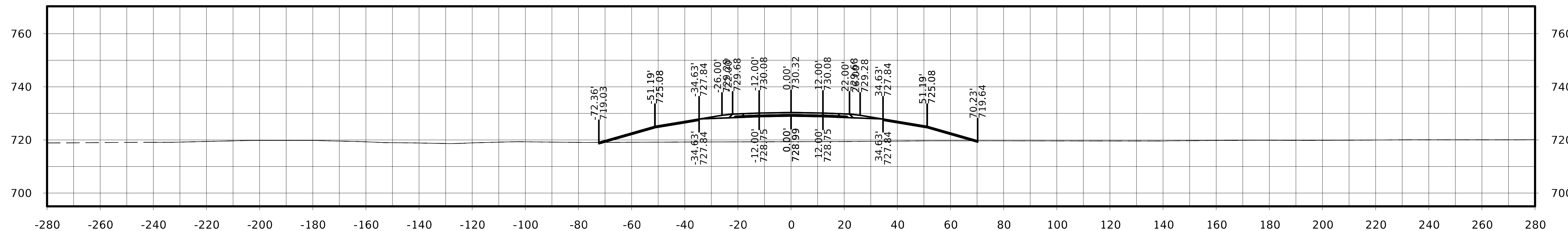
STA. 250+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.220

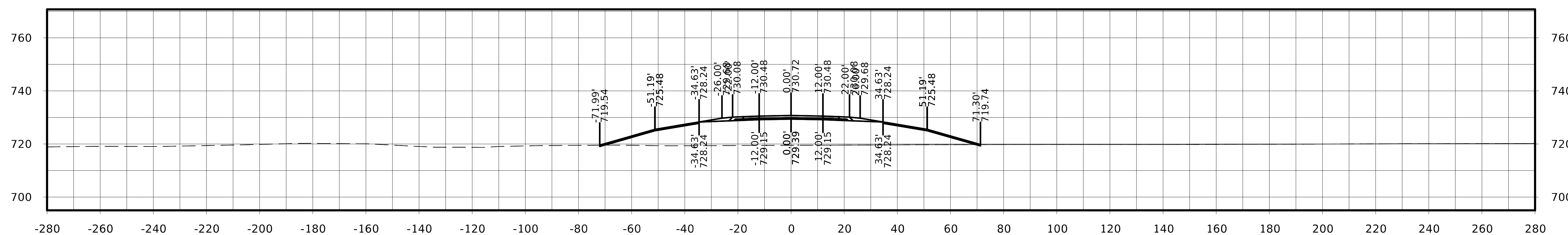
US 63



STA. 251+50.00



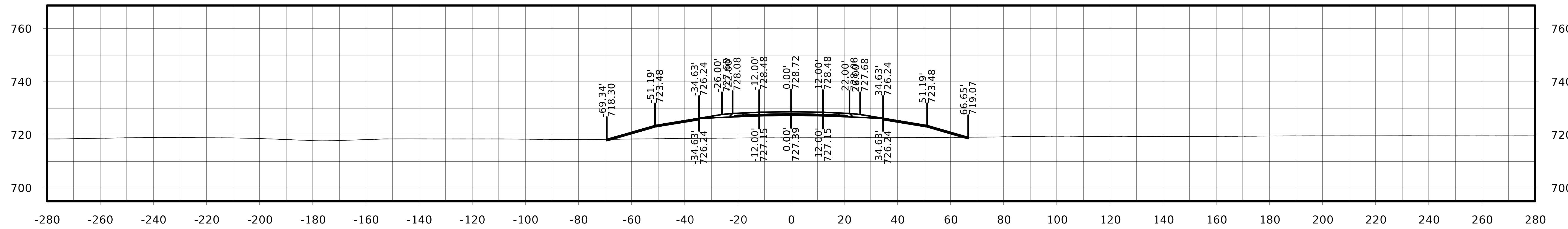
STA. 251+25.00



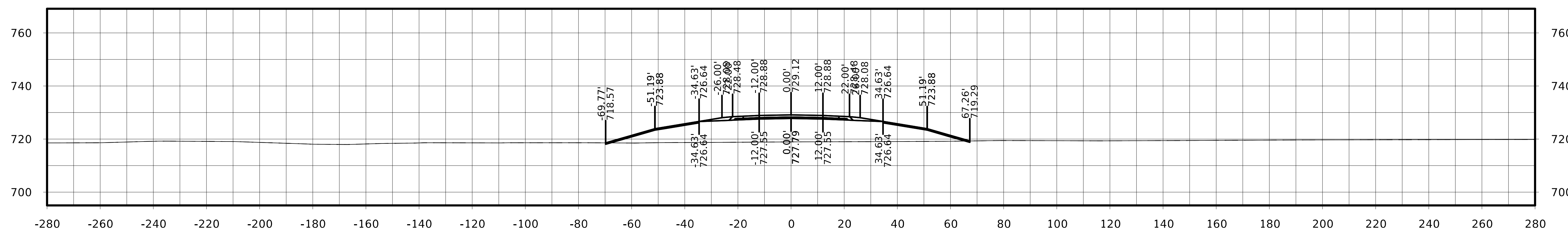
STA. 251+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.221

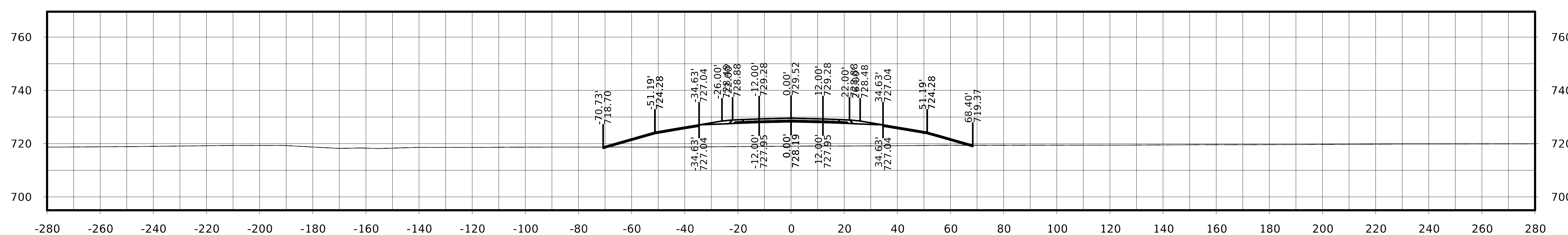
US 63



STA. 252+25.00



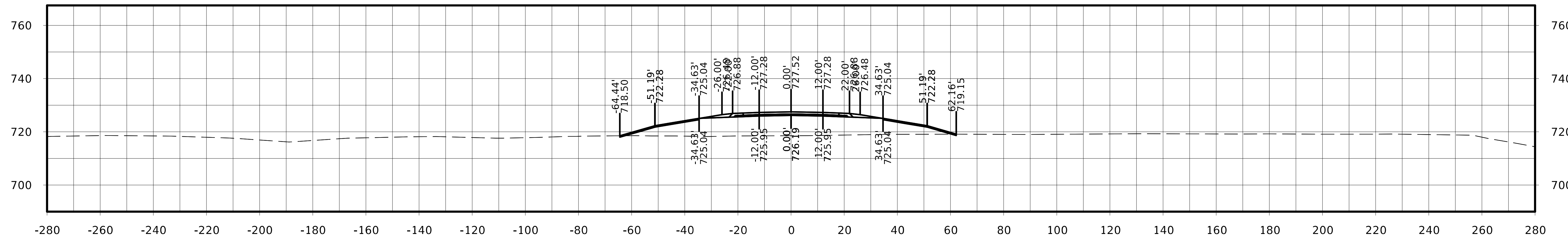
STA. 252+00.00



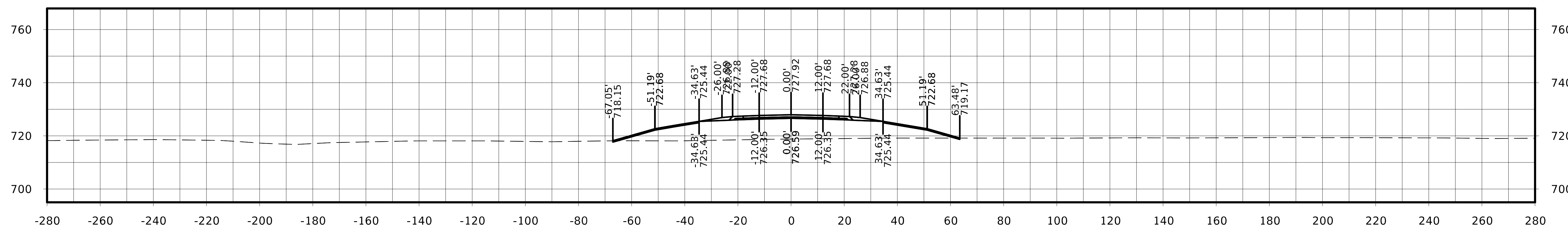
STA. 251+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.222

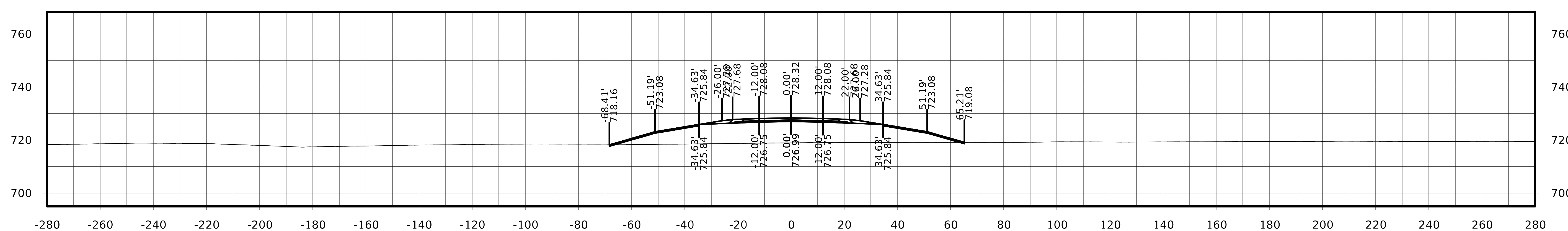
US 63



STA. 253+00.00



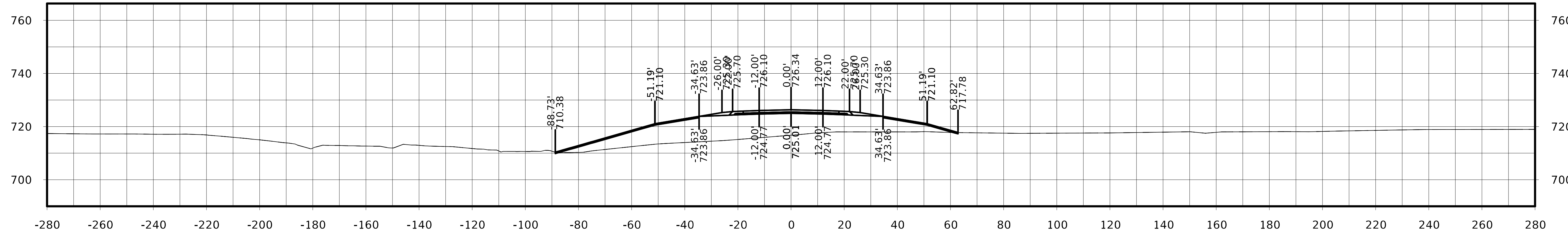
STA. 252+75.00



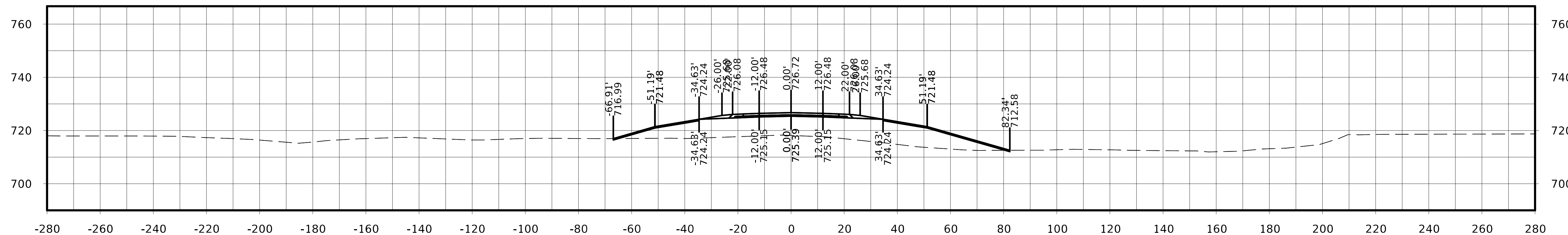
STA. 252+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.223

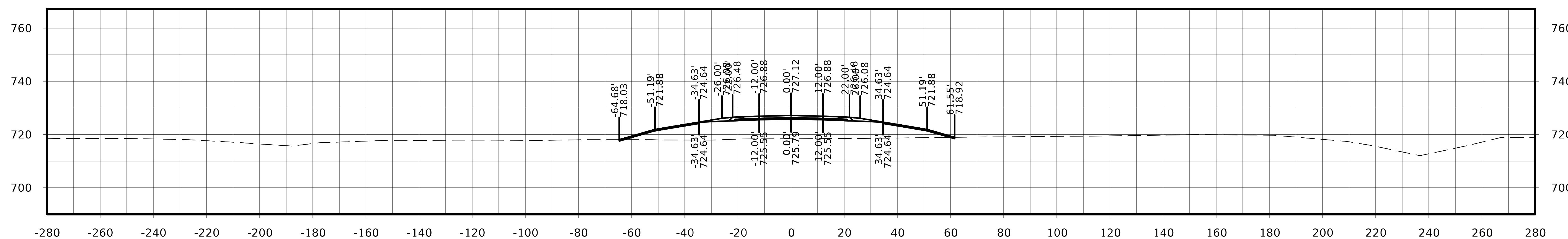
US 63



STA. 253+75.00



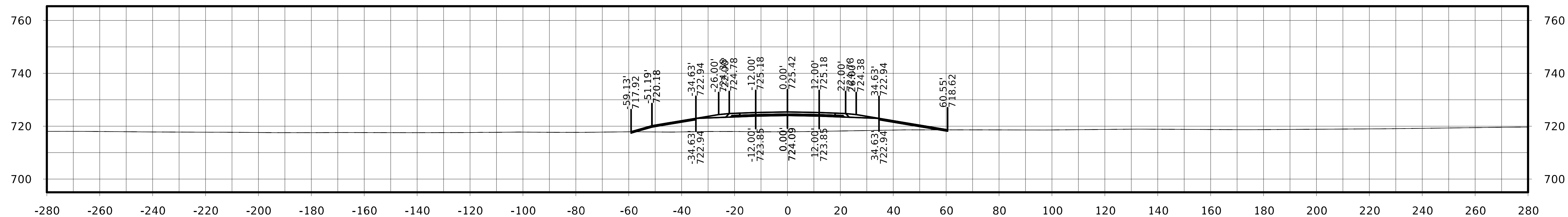
STA. 253+50.00



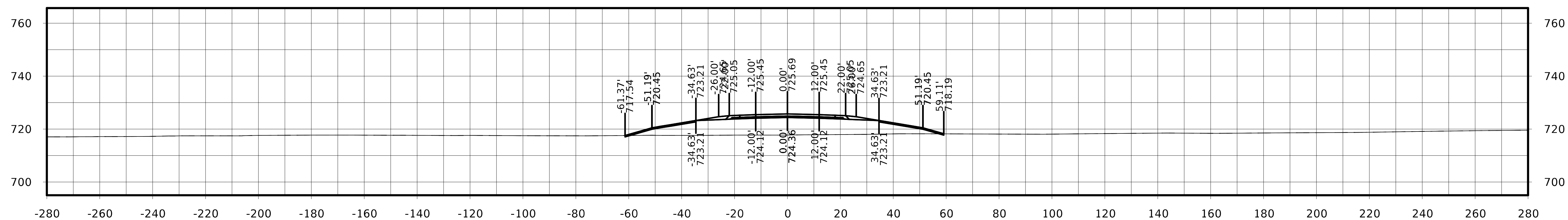
STA. 253+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.224

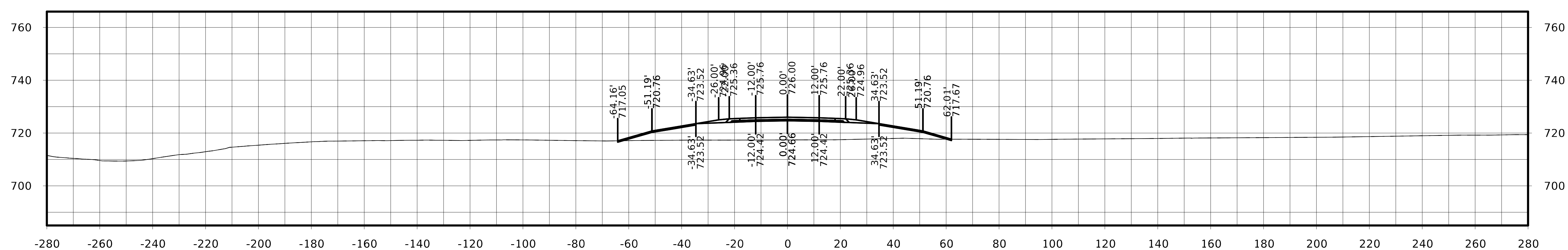
US 63



STA. 254+50.00

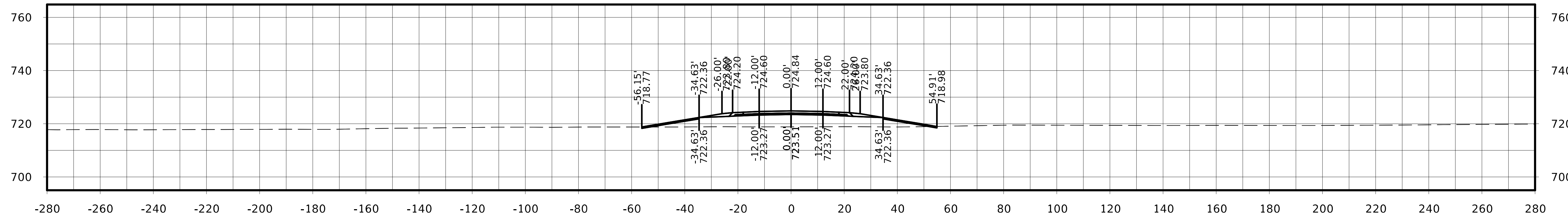


STA. 254+25.00

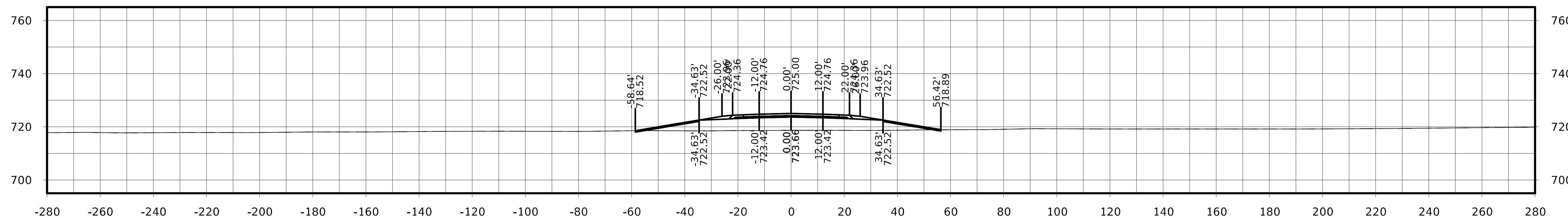


STA. 254+00.00

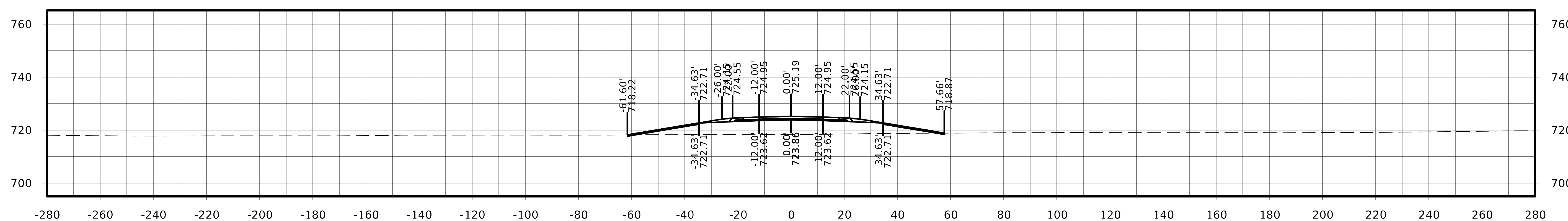
US 63



STA. 255+25.00



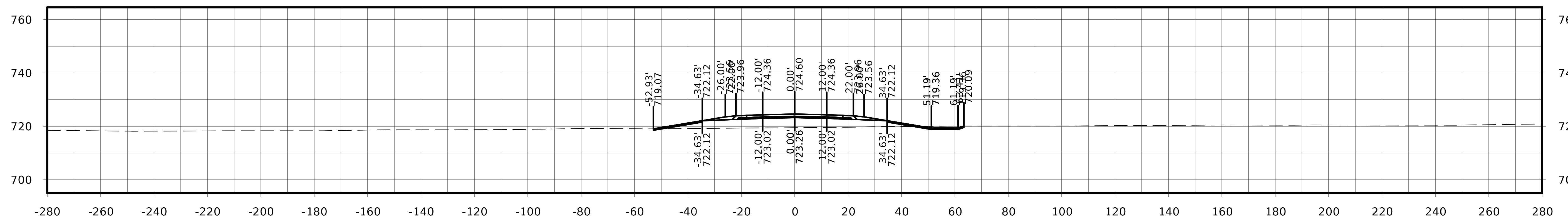
STA. 255+00.00



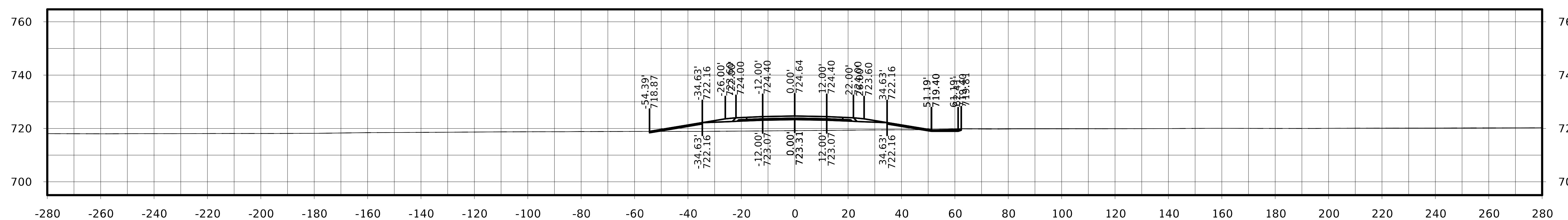
STA. 254+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.226

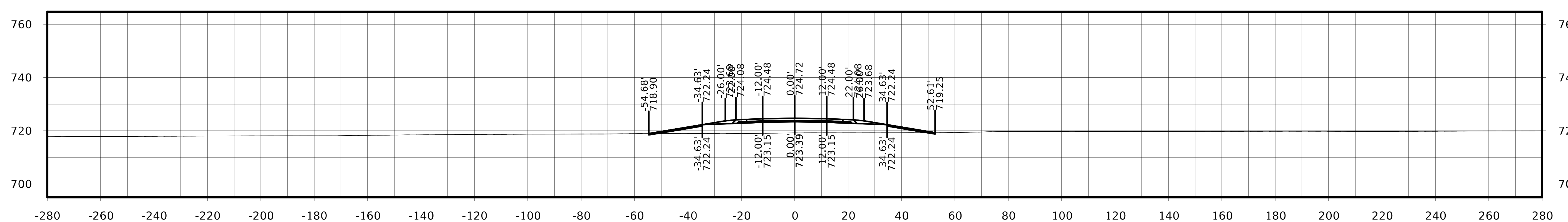
US 63



STA. 256+00.00



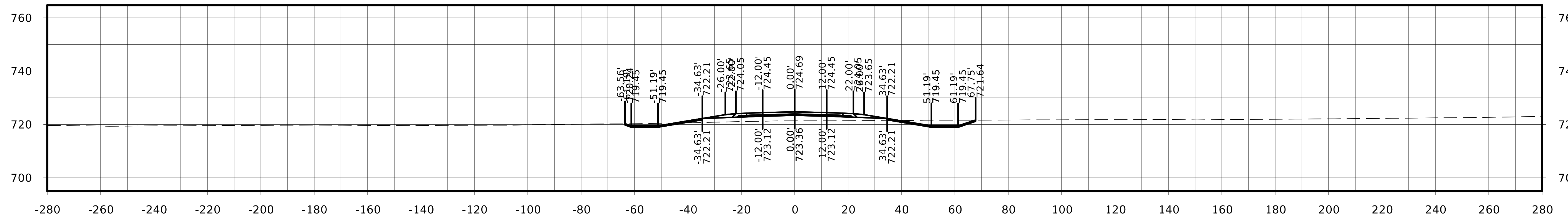
STA. 255+75.00



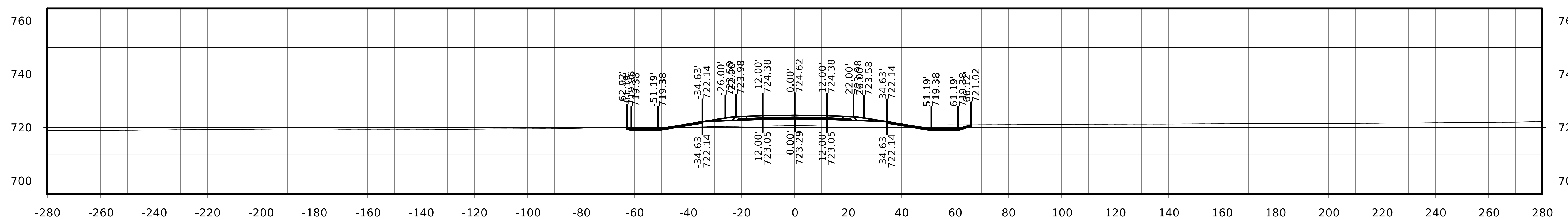
STA. 255+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.227	

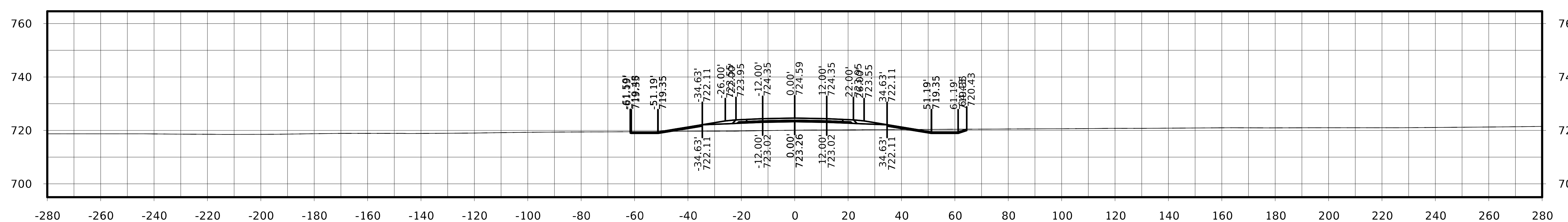
US 63



STA. 256+75.00

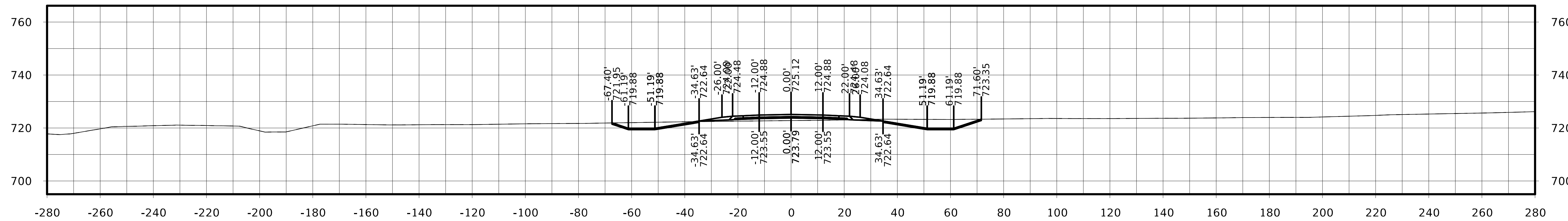


STA. 256+50.00

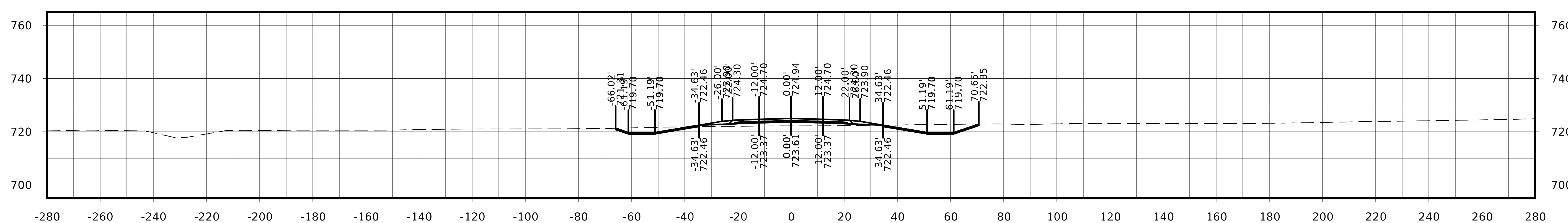


STA. 256+25.00

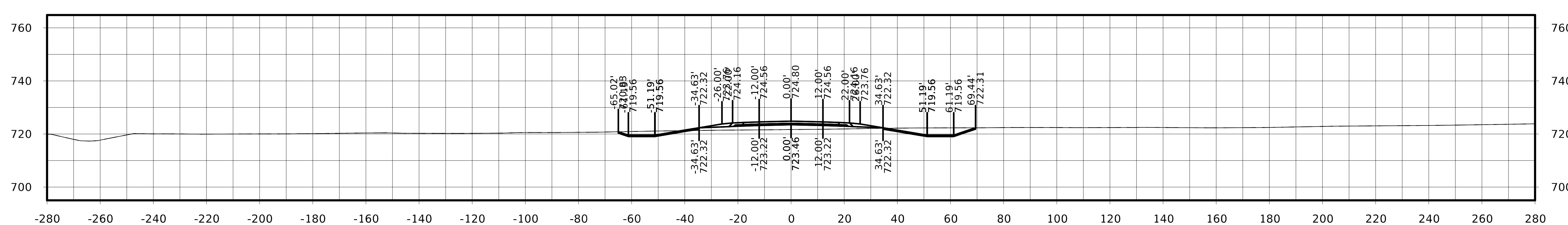
FILE NO.	ENGLISH	DESIGN TEAM	Flattery / Johnson	MAHASKA	COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER	W.228



STA. 257+50.00

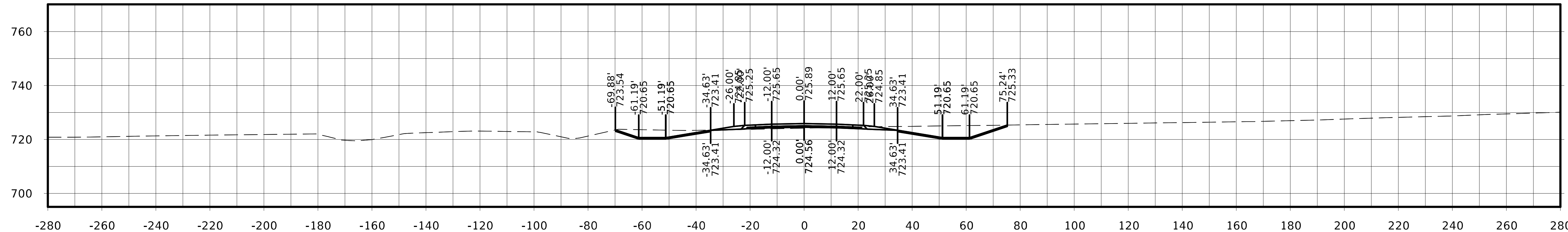


STA. 257+25.00

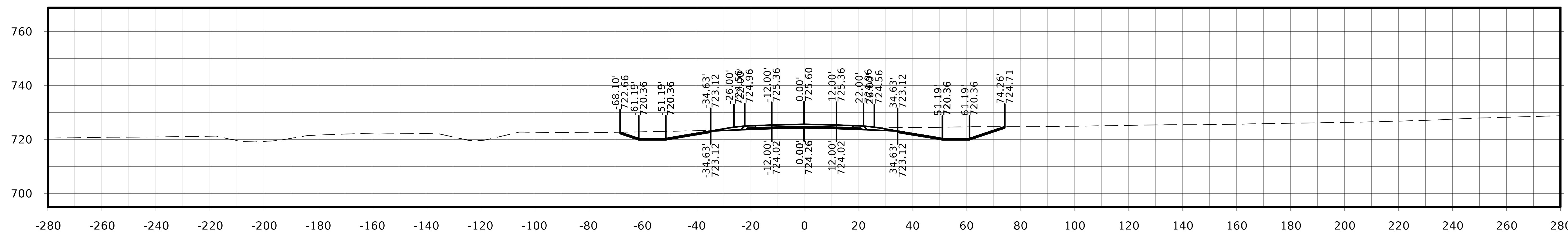


STA. 257+00.00

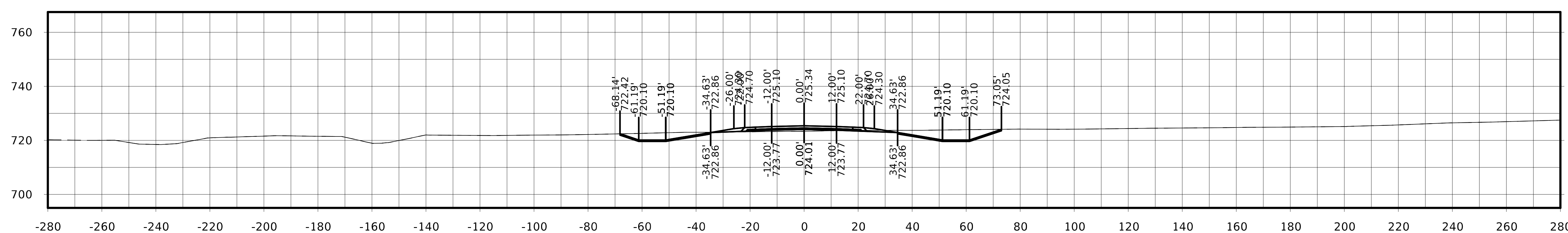
US 63



STA. 258+25.00



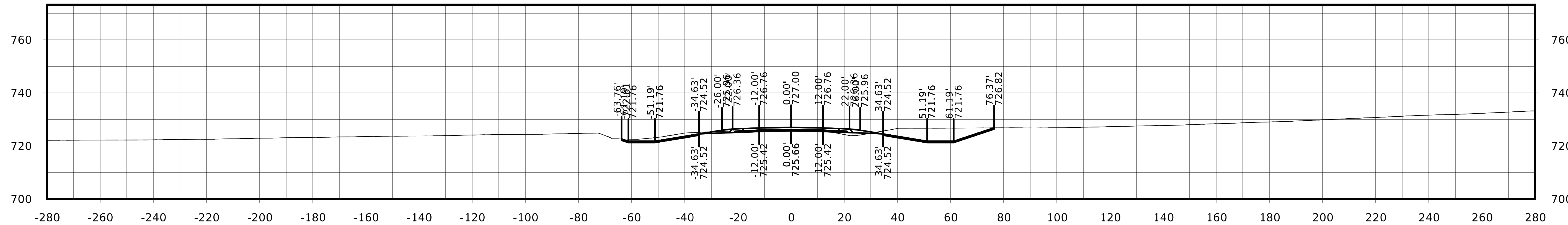
STA. 258+00.00



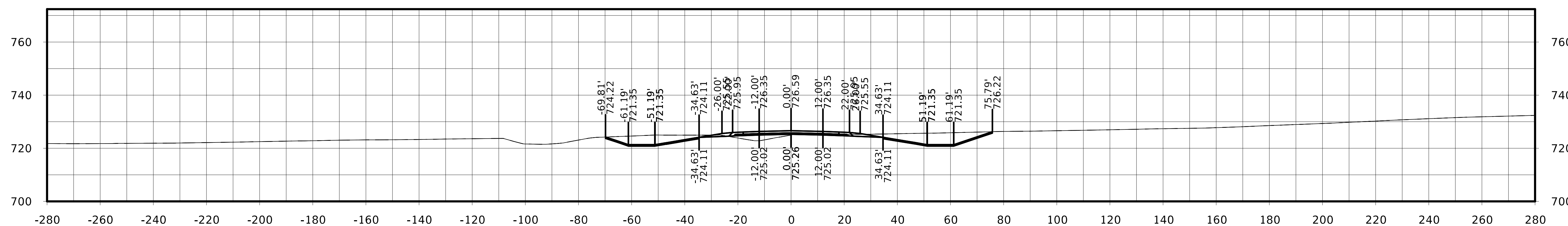
STA. 257+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.230

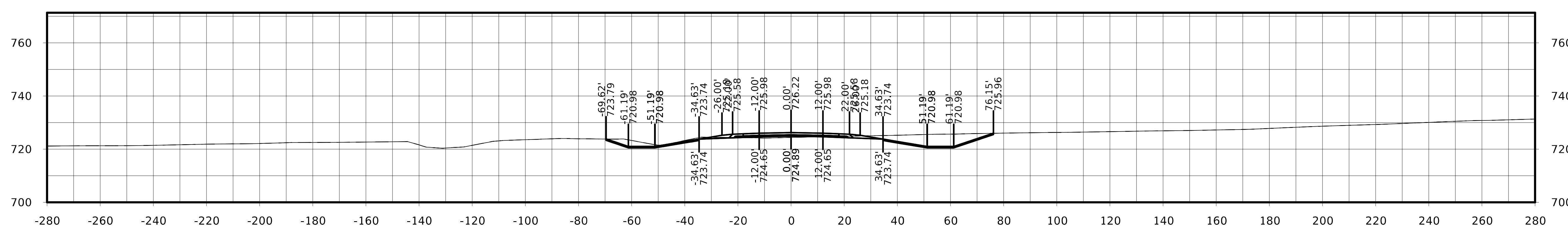
US 63



STA. 259+00.00

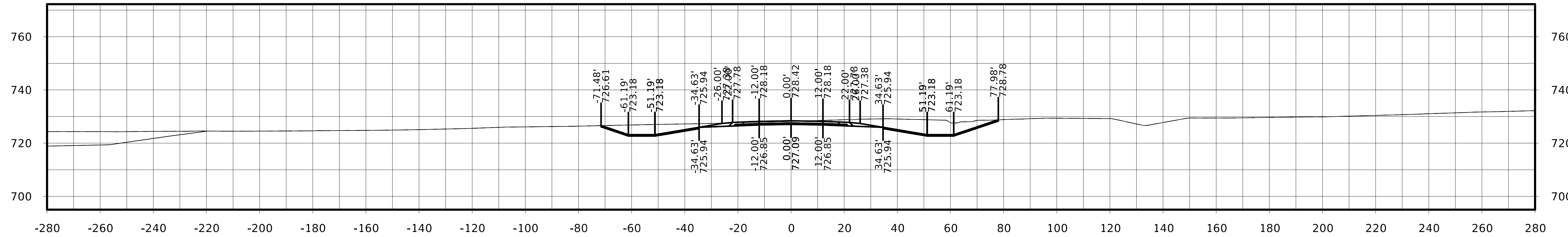


STA. 258+75.00

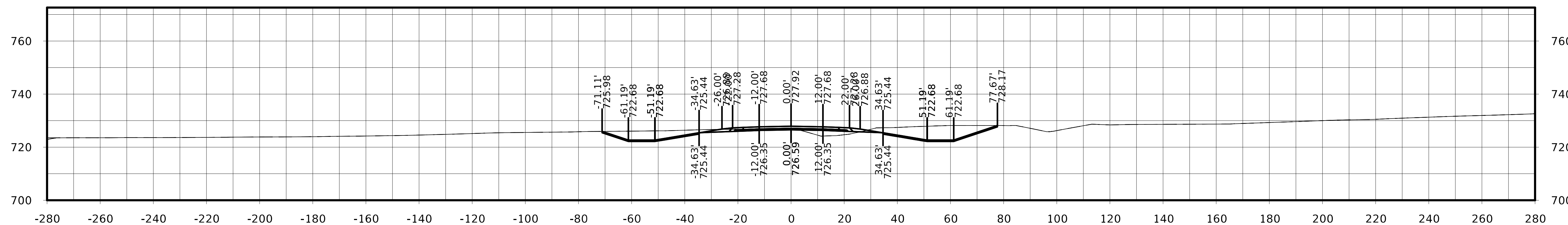


STA. 258+50.00

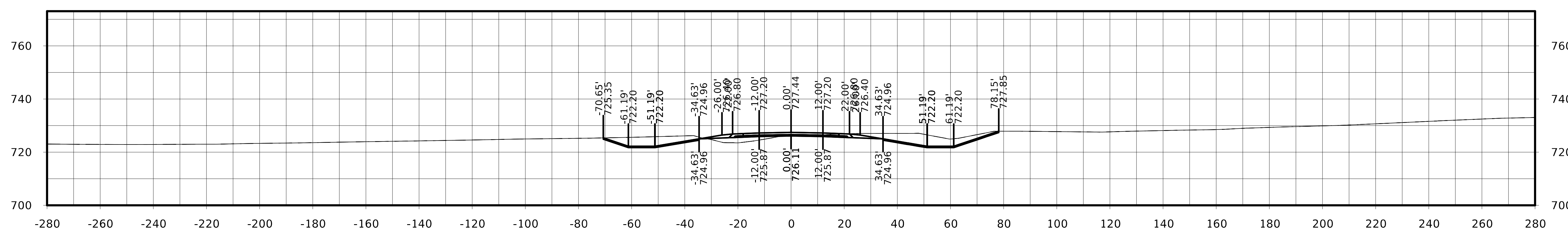
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.231



STA. 259+75.00

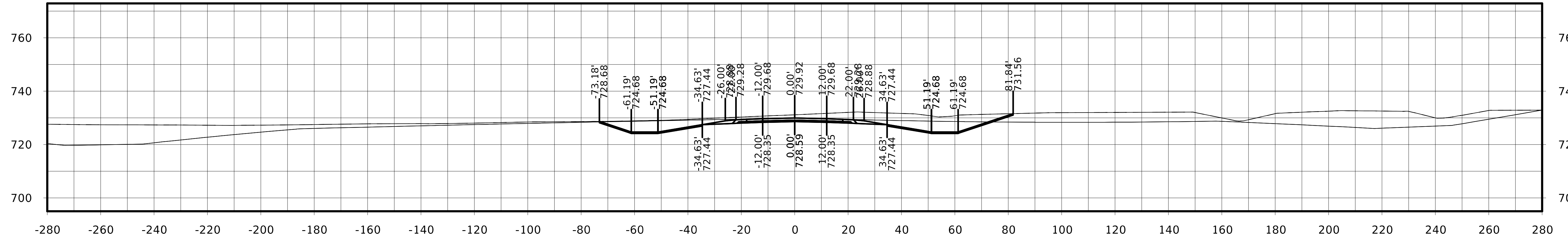


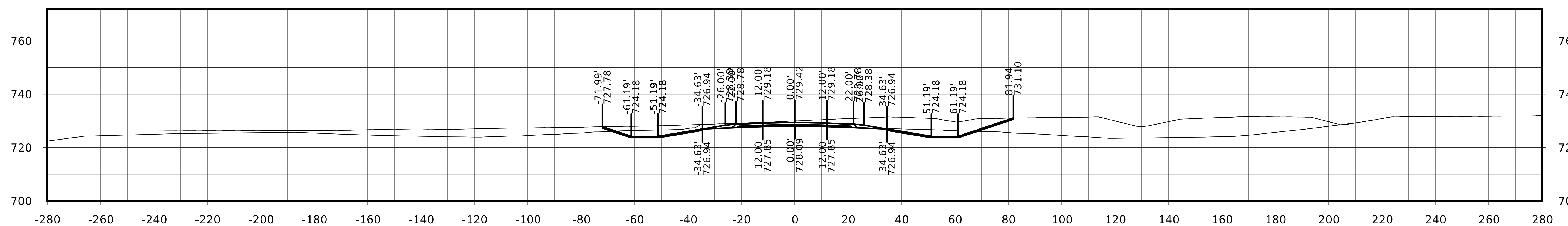
STA. 259+50.00

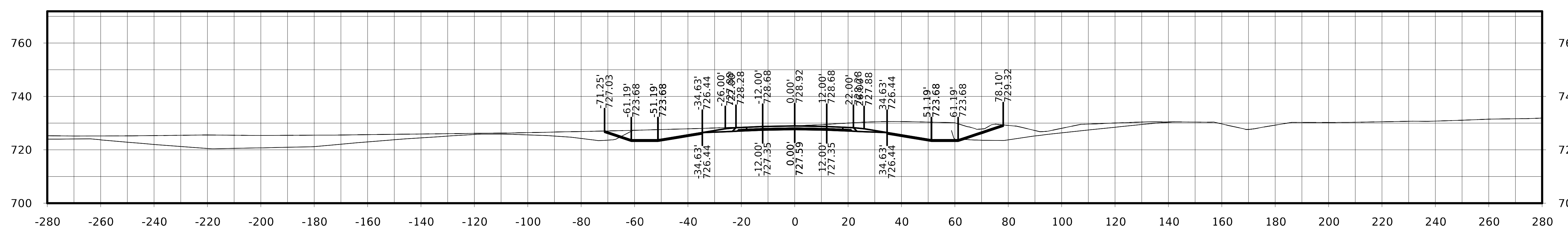


STA. 259+25.00

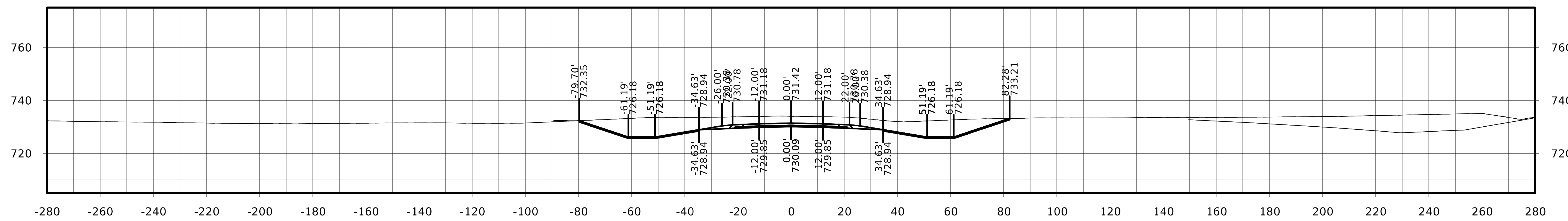
US 63



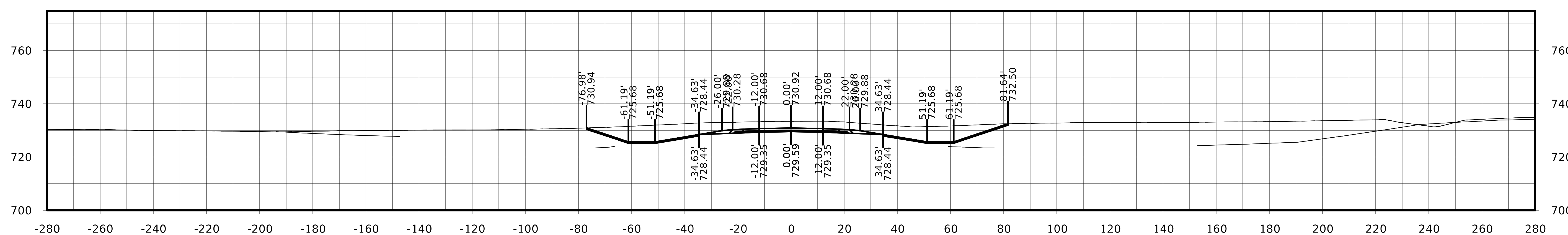




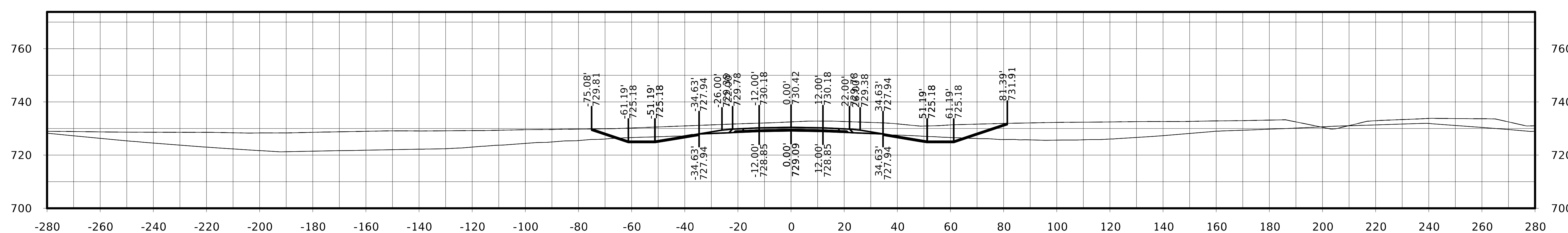
US 63



STA. 261+25.00



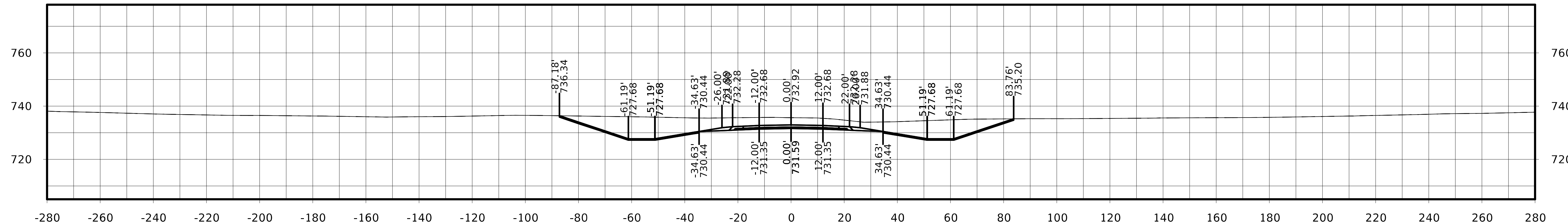
STA. 261+00.00



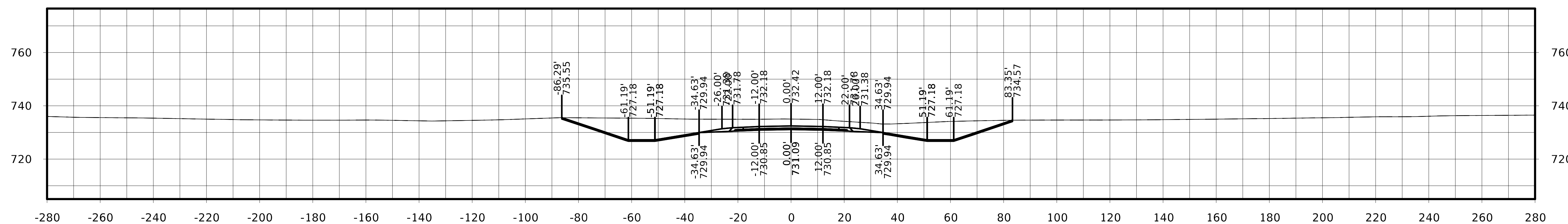
STA. 260+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.234

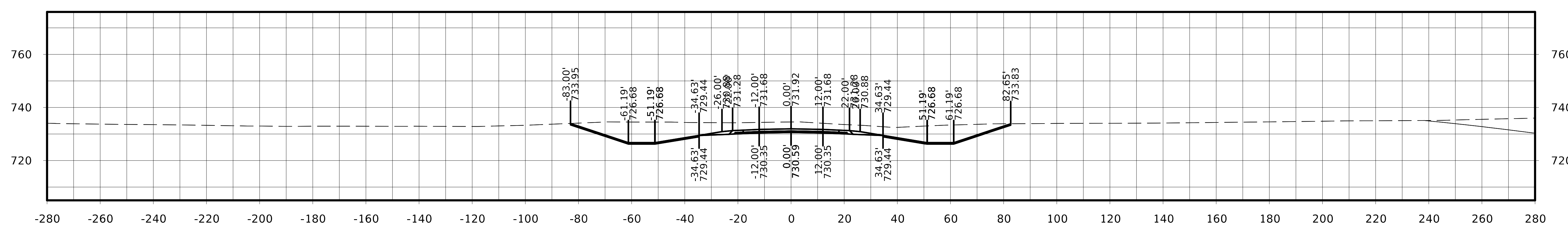
US 63



STA. 262+00.00



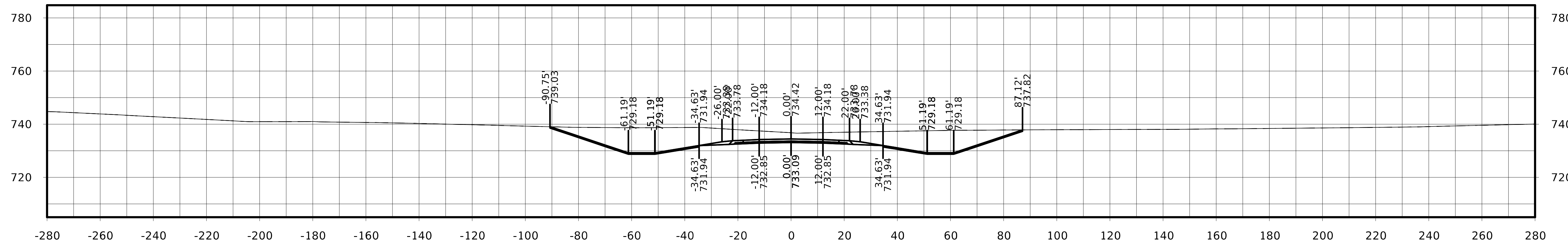
STA. 261+75.00

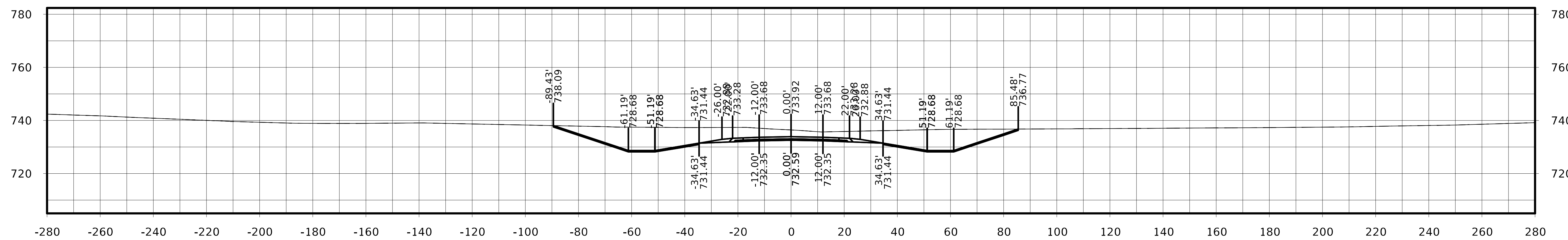


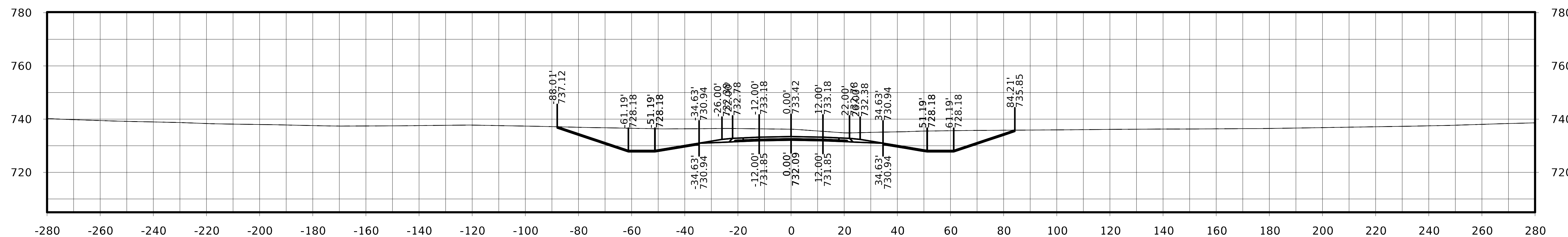
STA. 261+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.235

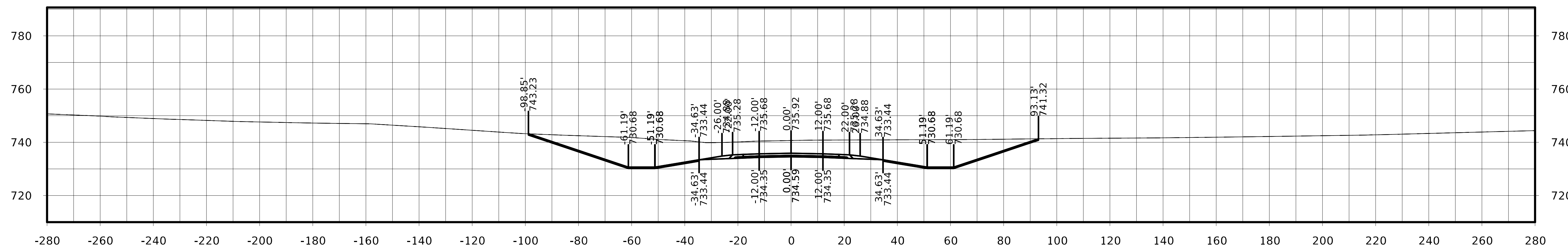
US 63



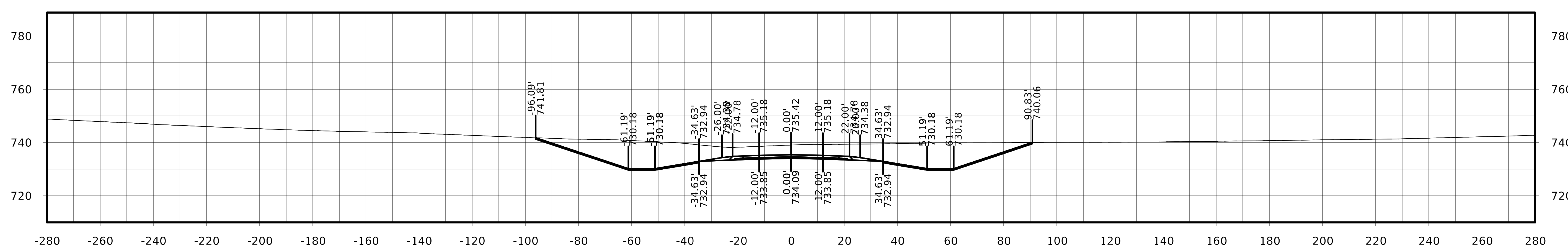




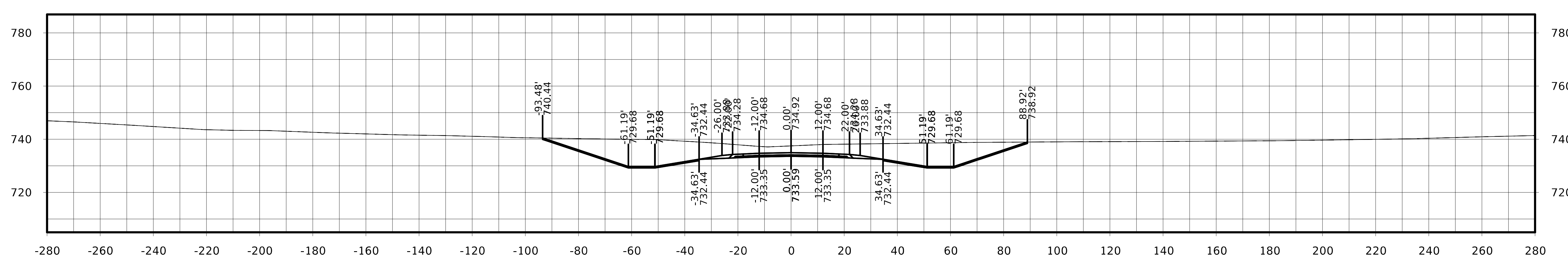
US 63



STA. 263+50.00

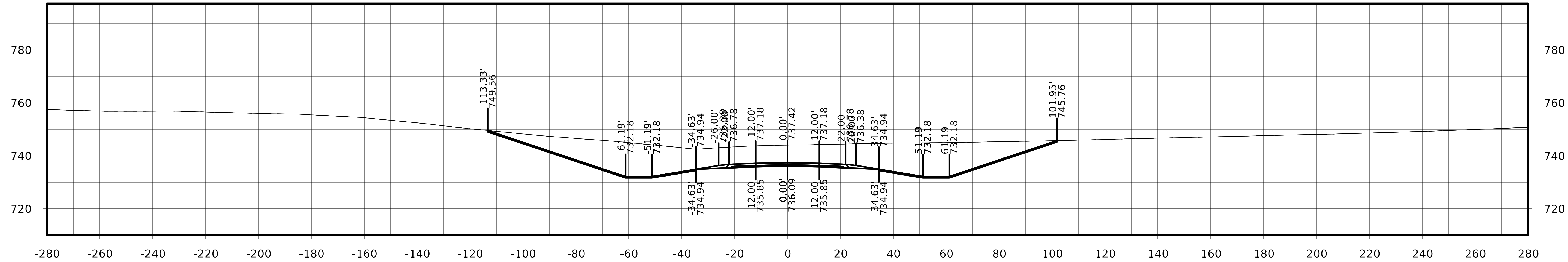


STA. 263+25.00

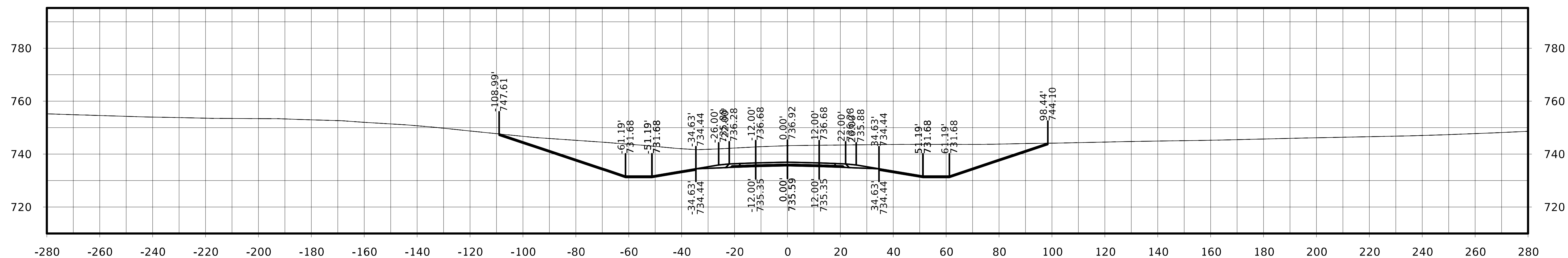


STA. 263+00.00

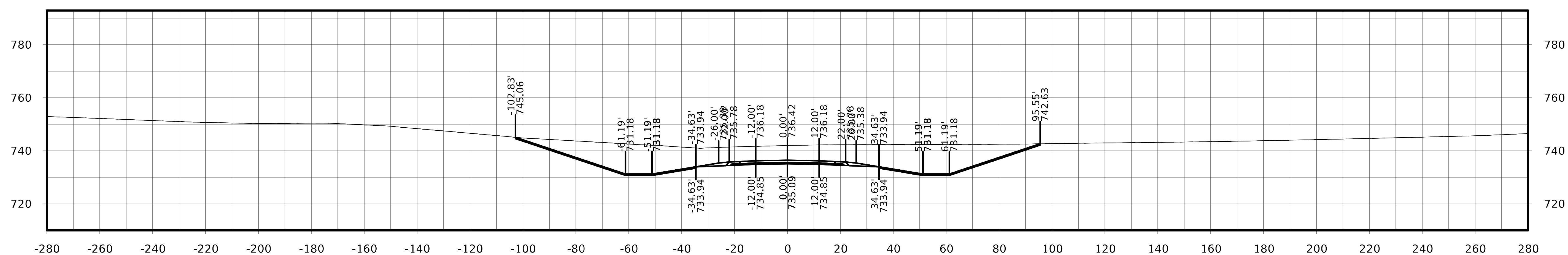
US 63



STA. 264+25.00



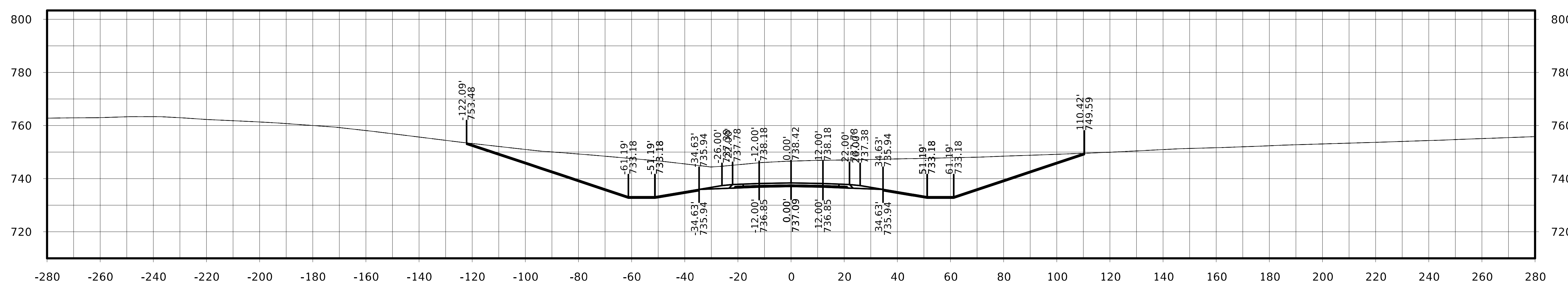
STA. 264+00.00



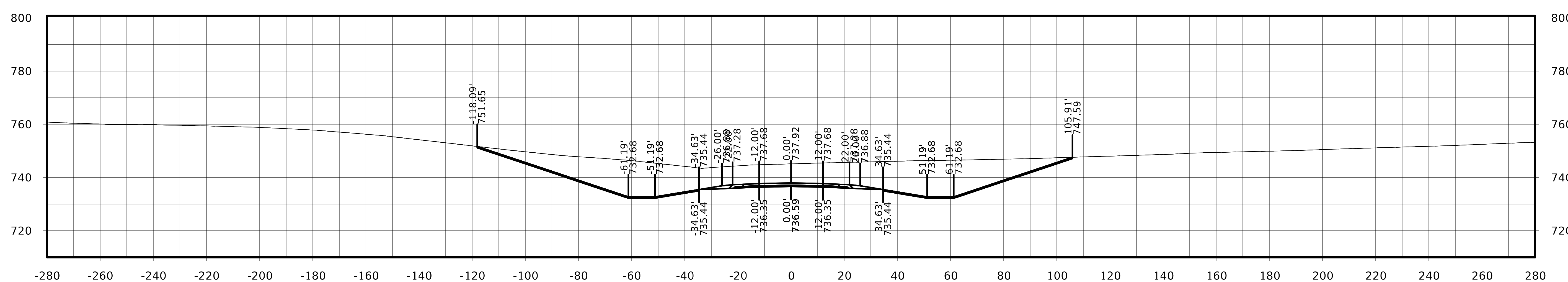
STA. 263+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.238

US 63



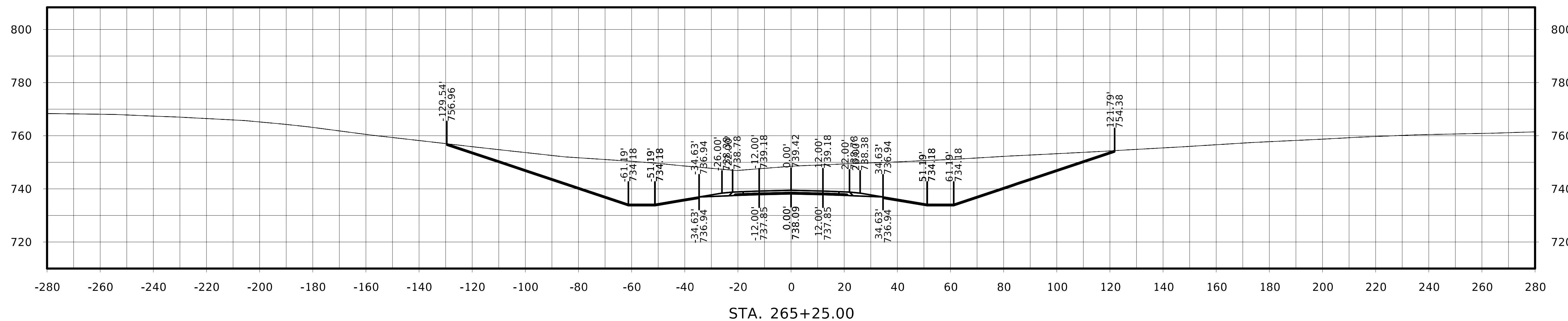
STA. 264+75.00

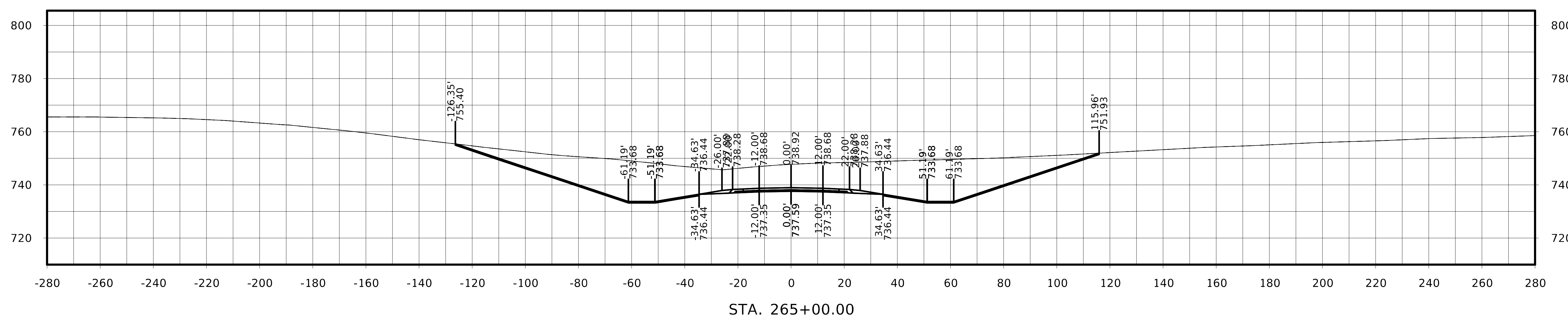


STA. 264+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.239

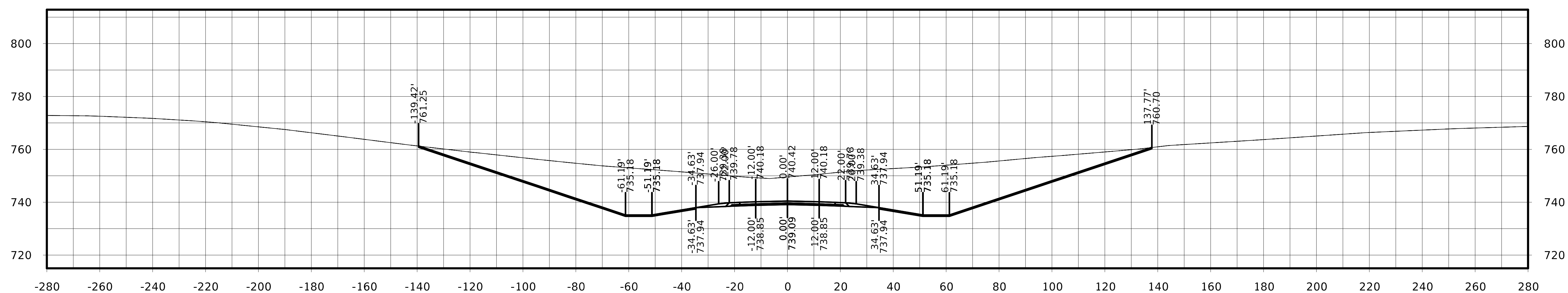
US 63



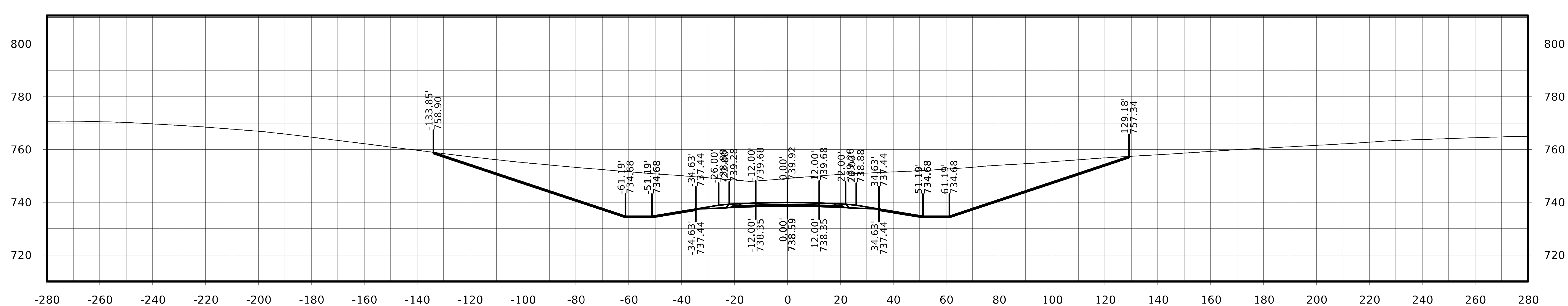


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.240

US 63

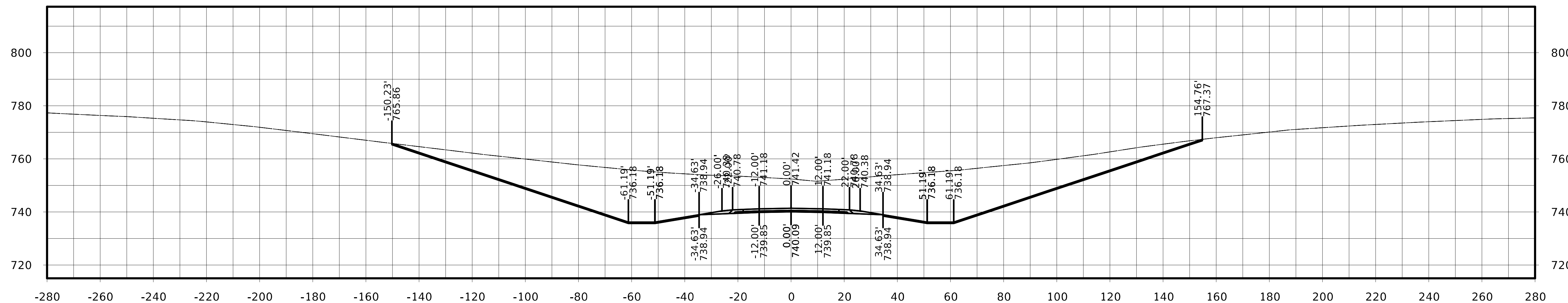


STA. 265+75.00

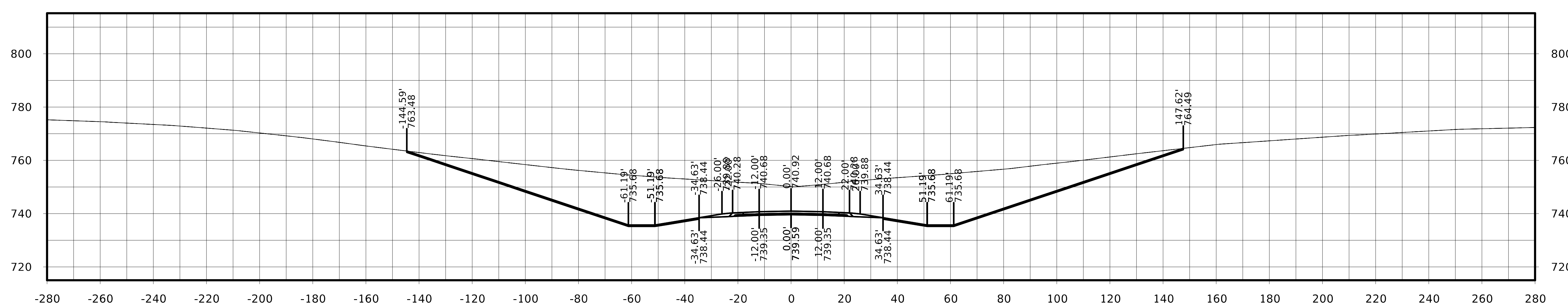


STA. 265+50.00

US 63



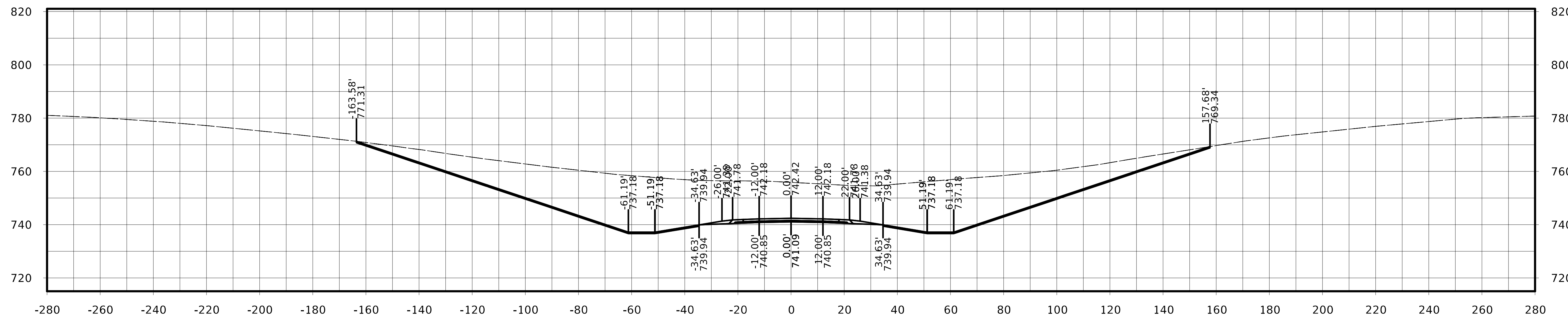
STA. 266+25.00



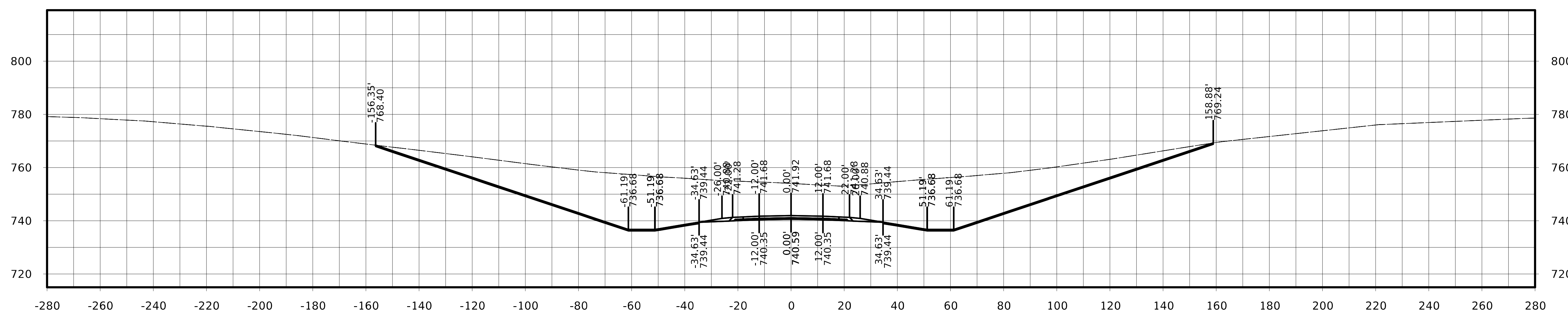
STA. 266+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.242

US 63



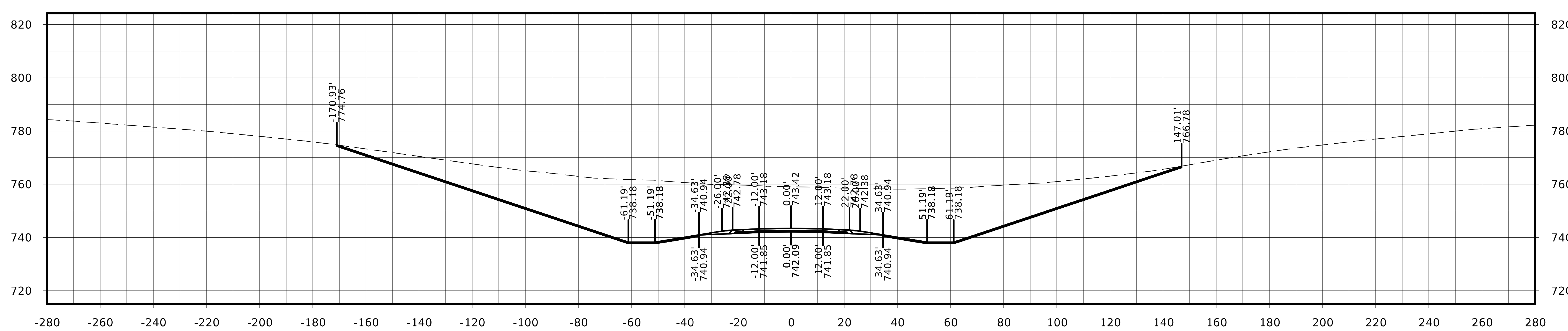
STA. 266+75.00



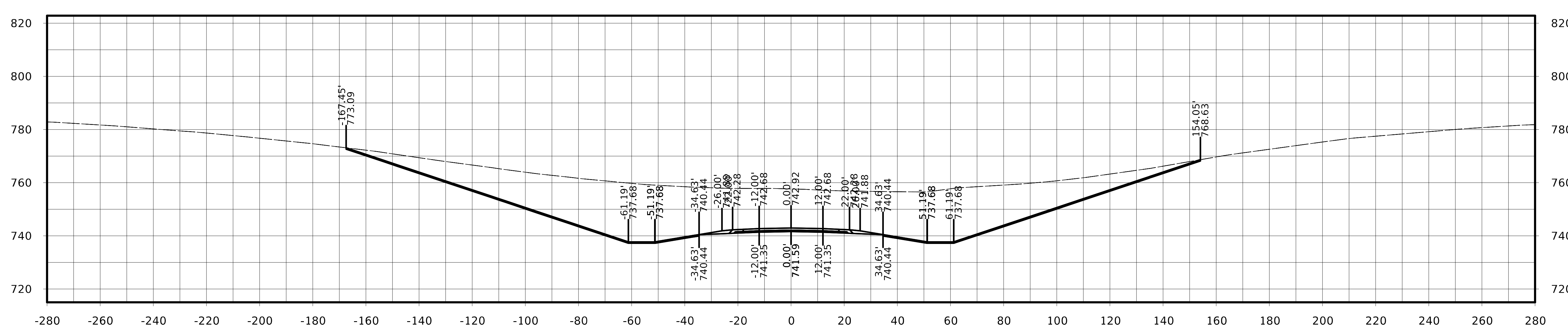
STA. 266+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.243

US 63

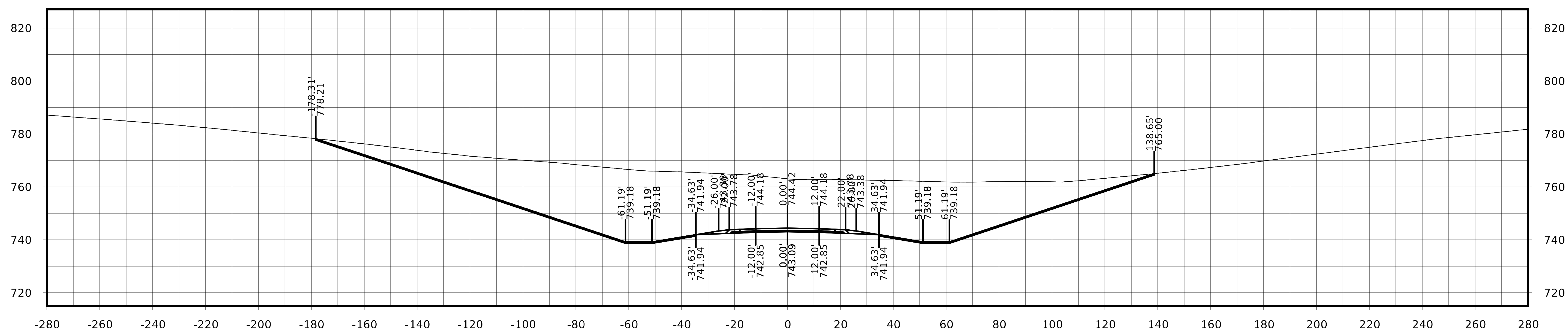


STA. 267+25.00

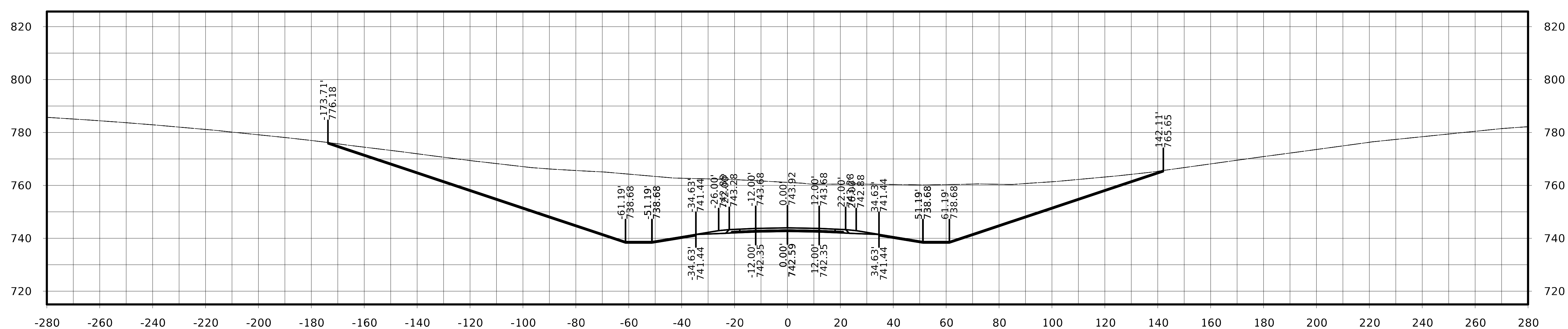


STA. 267+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.244

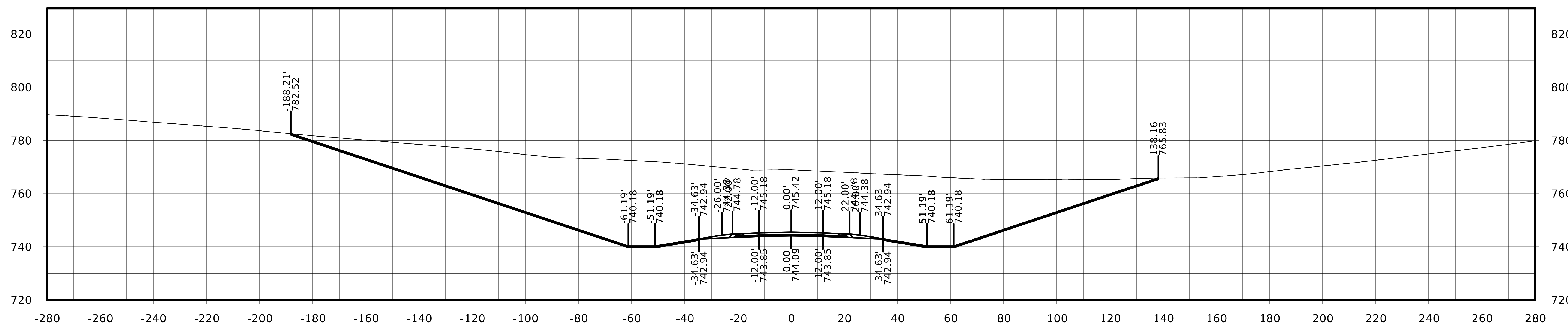


STA. 267+75.00

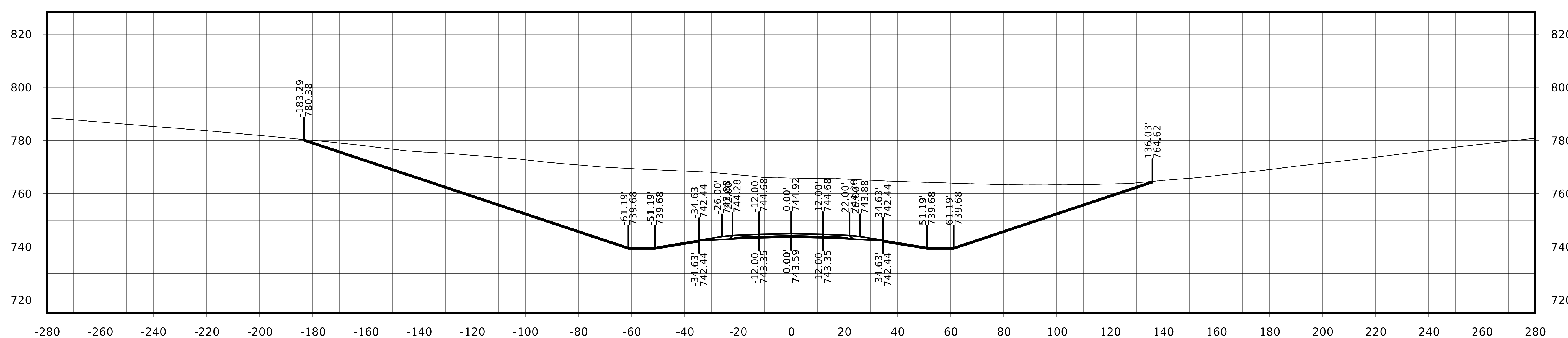


STA. 267+50.00

US 63



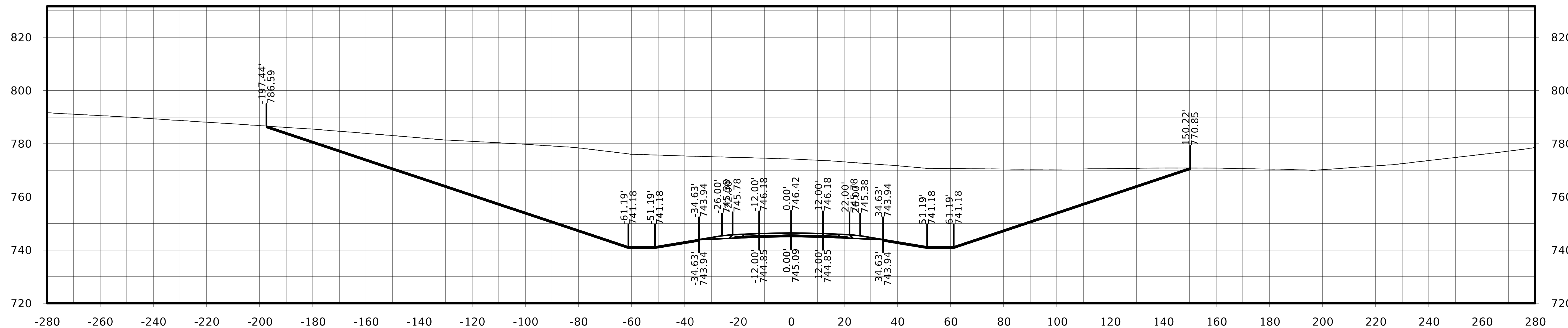
STA. 268+25.00



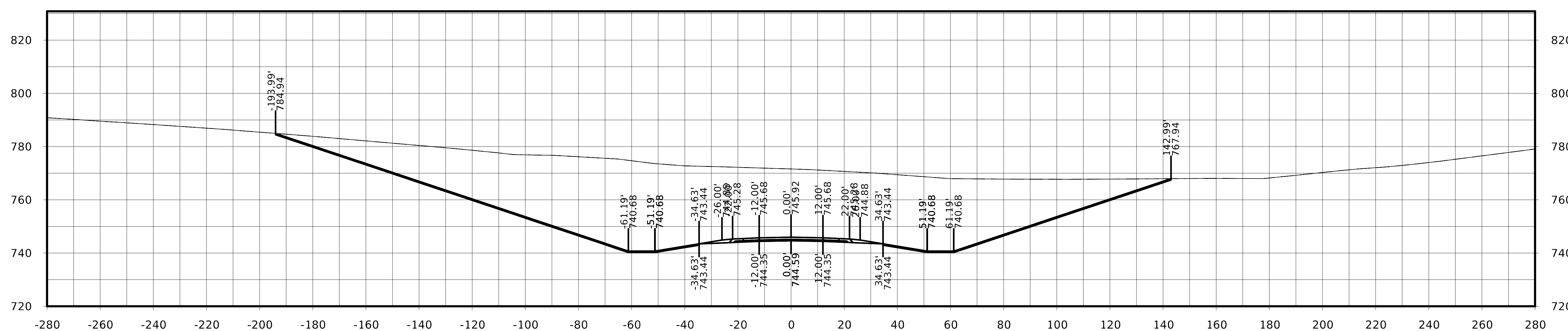
STA. 268+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.246

US 63



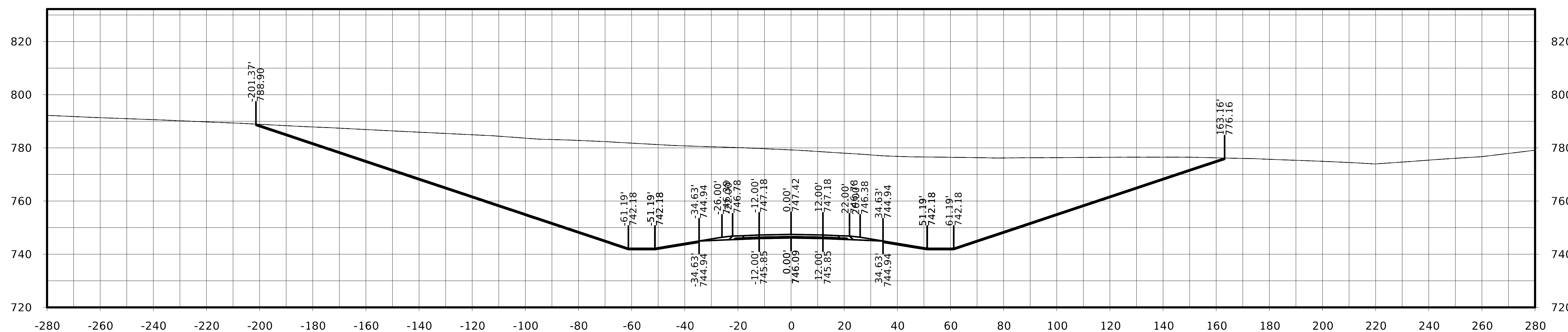
STA. 268+75.00



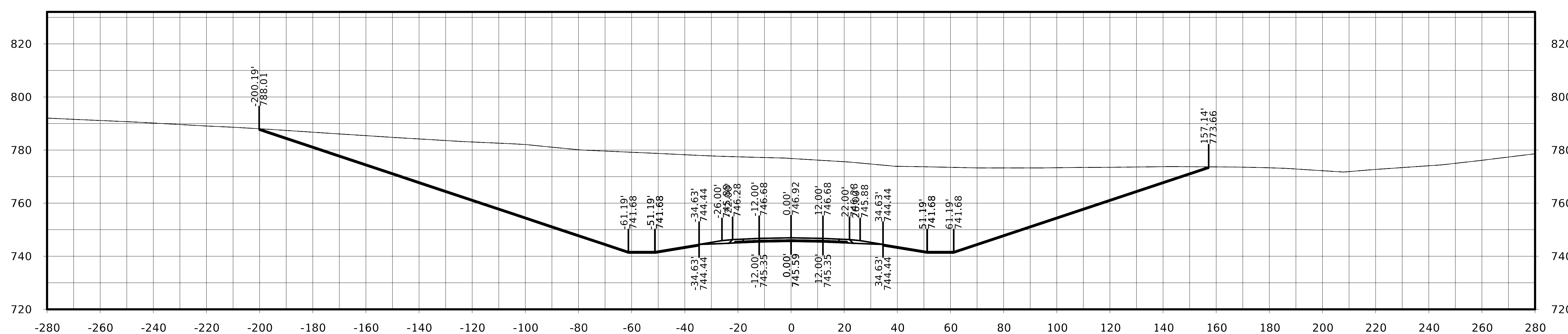
STA. 268+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.247

US 63



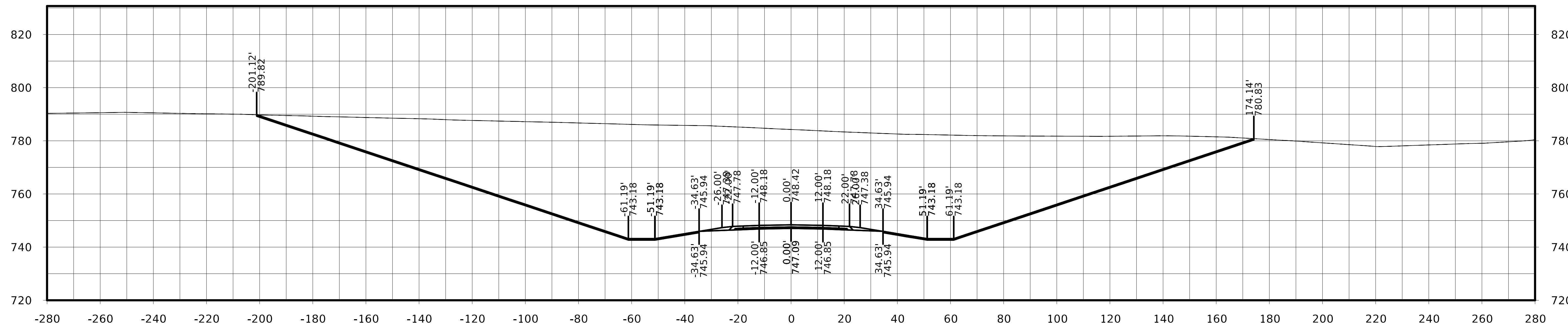
STA. 269+25.00



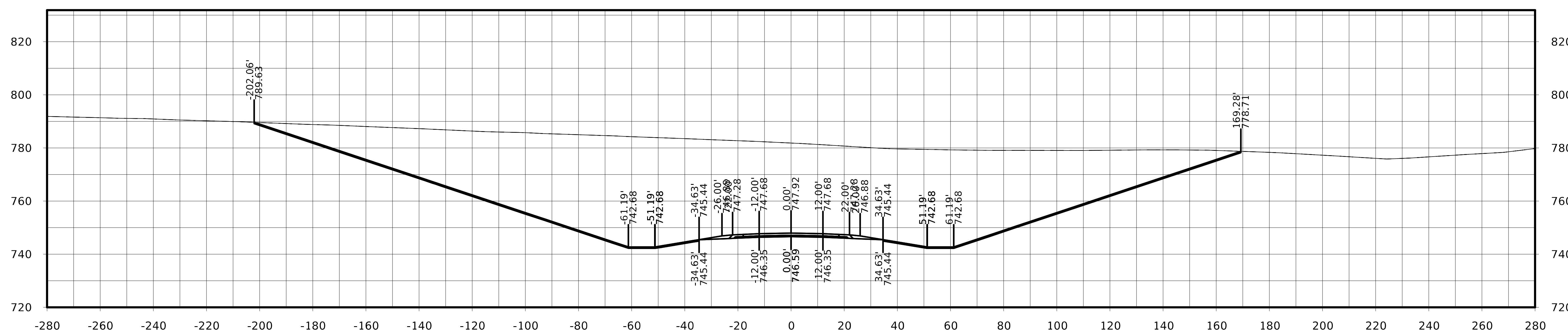
STA. 269+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.248

US 63

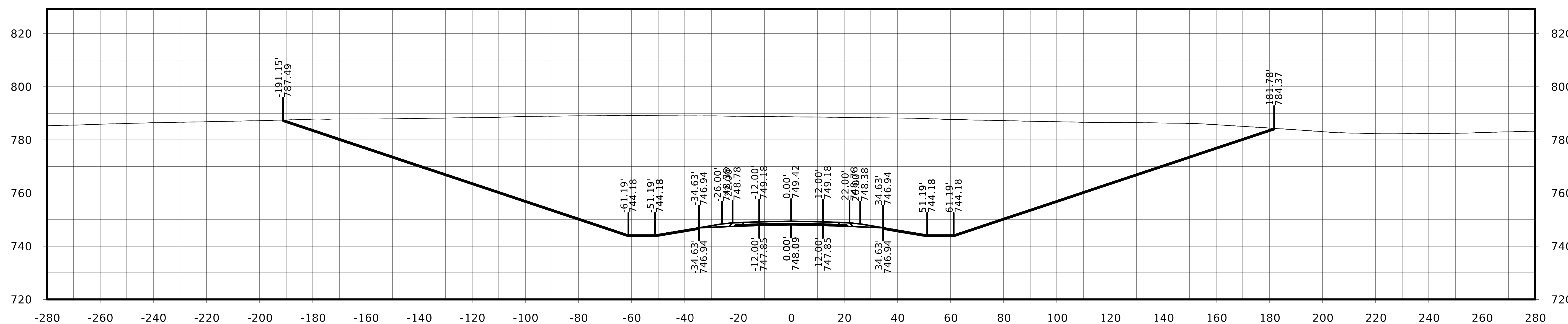


STA. 269+75.00

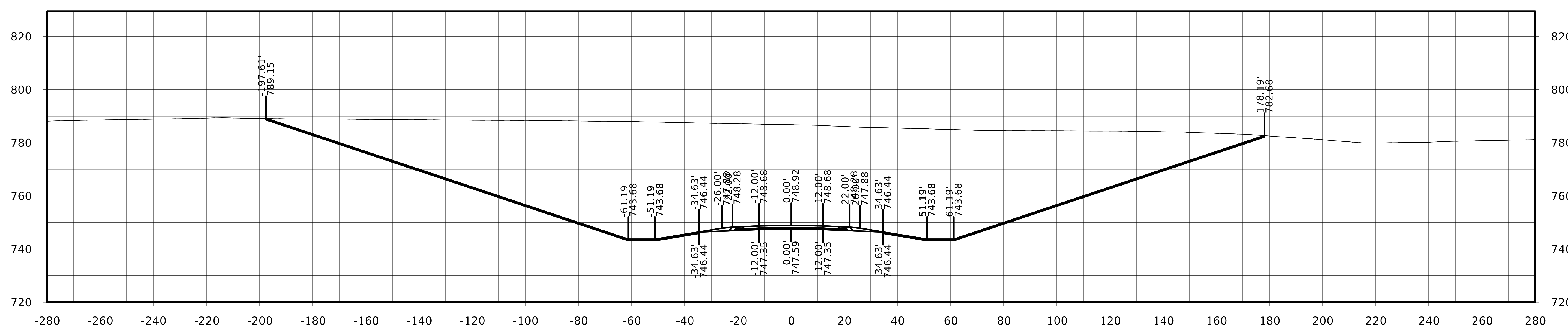


STA. 269+50.00

US 63

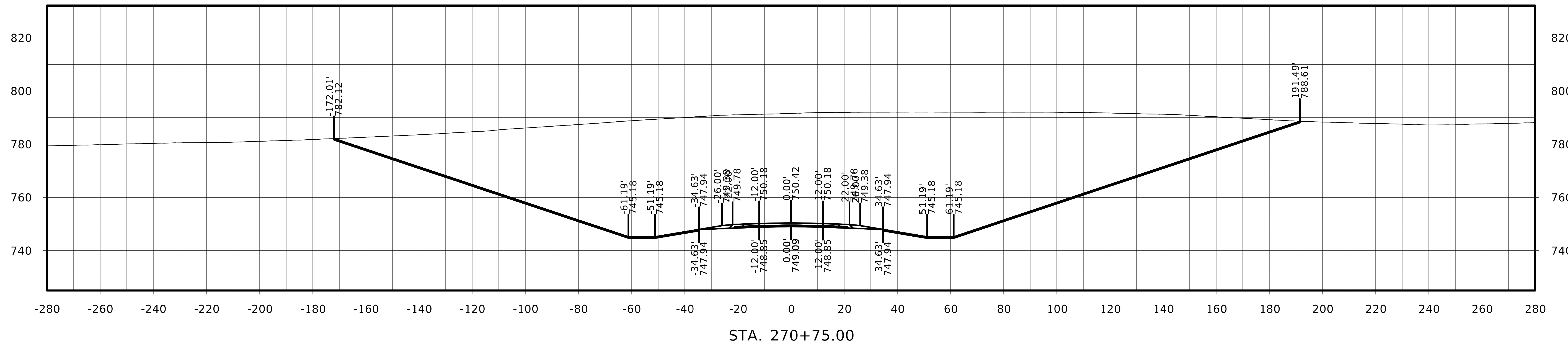


STA. 270+25.00

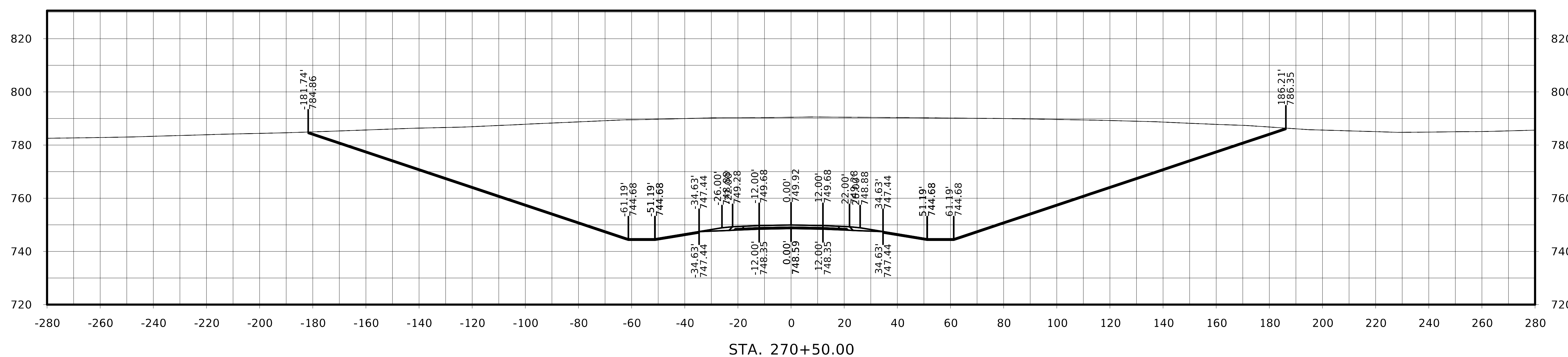


STA. 270+00.00

US 63

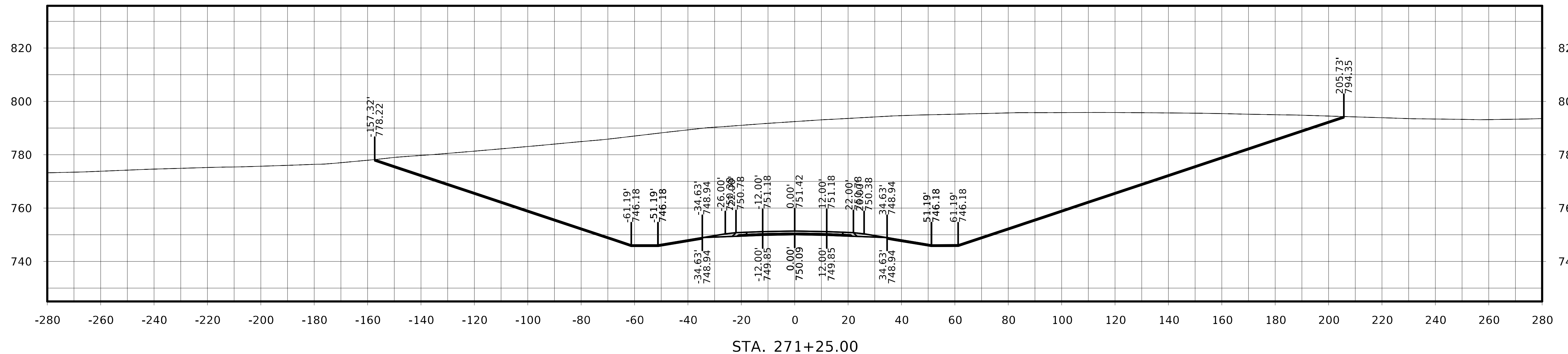


STA. 270+75.00

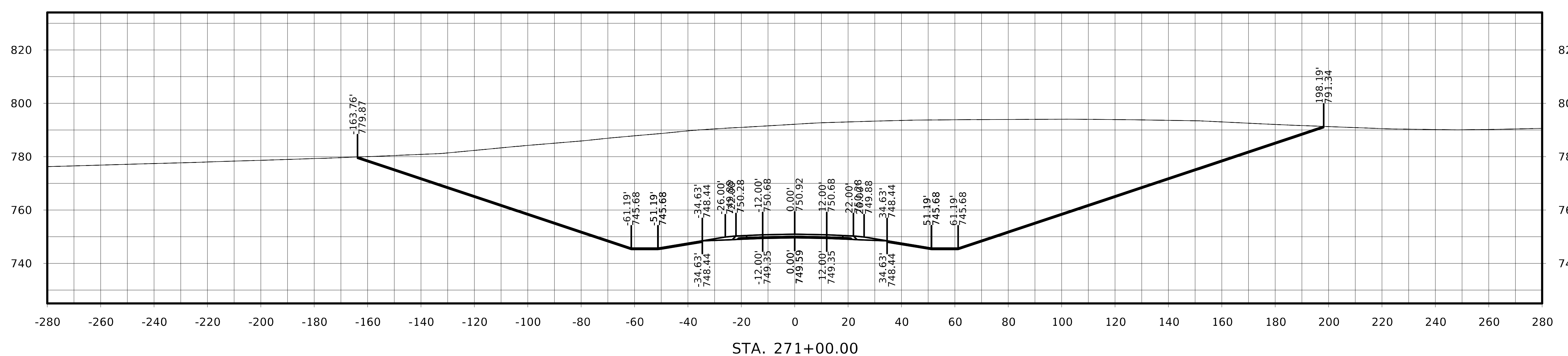


STA. 270+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.251

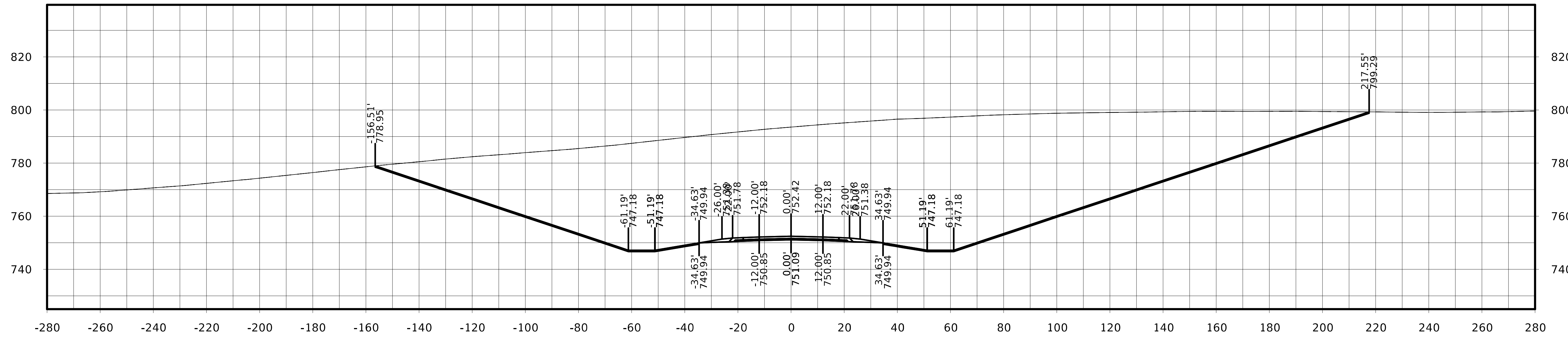


-157.32'
778.22
205.73'
794.35
-61.19'
746.18
-51.19'
746.18
-34.63'
748.94
-12.00'
751.18
0.00'
751.42
12.00'
751.18
34.63'
748.94
51.19'
746.18
61.19'
746.18
-12.00'
749.85
0.00'
750.09
12.00'
749.85
STA. 271+25.00

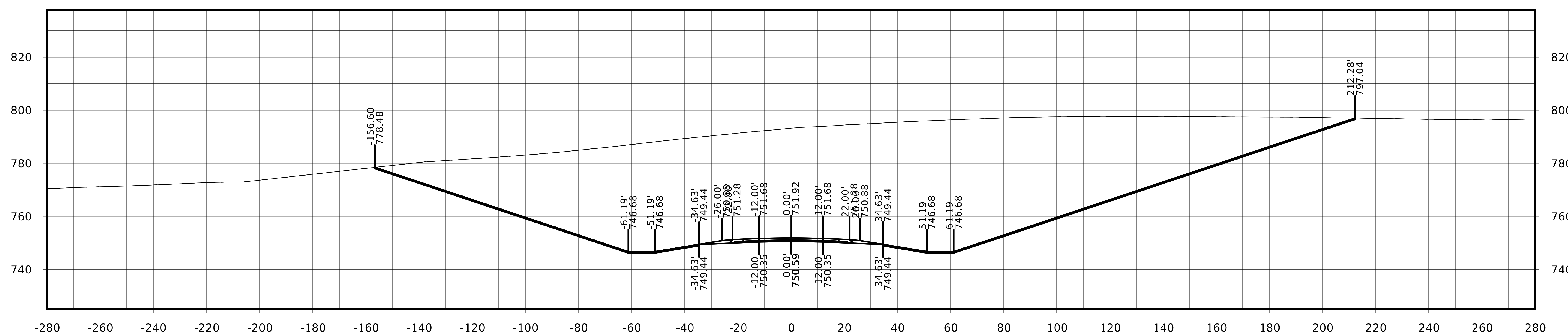


-163.76'
779.87
198.19'
791.34
-61.19'
745.68
-51.19'
745.68
-34.63'
748.44
-12.00'
750.68
0.00'
750.92
12.00'
750.68
34.63'
748.44
51.19'
745.68
61.19'
745.68
-12.00'
749.35
0.00'
749.59
12.00'
749.35
STA. 271+00.00

US 63



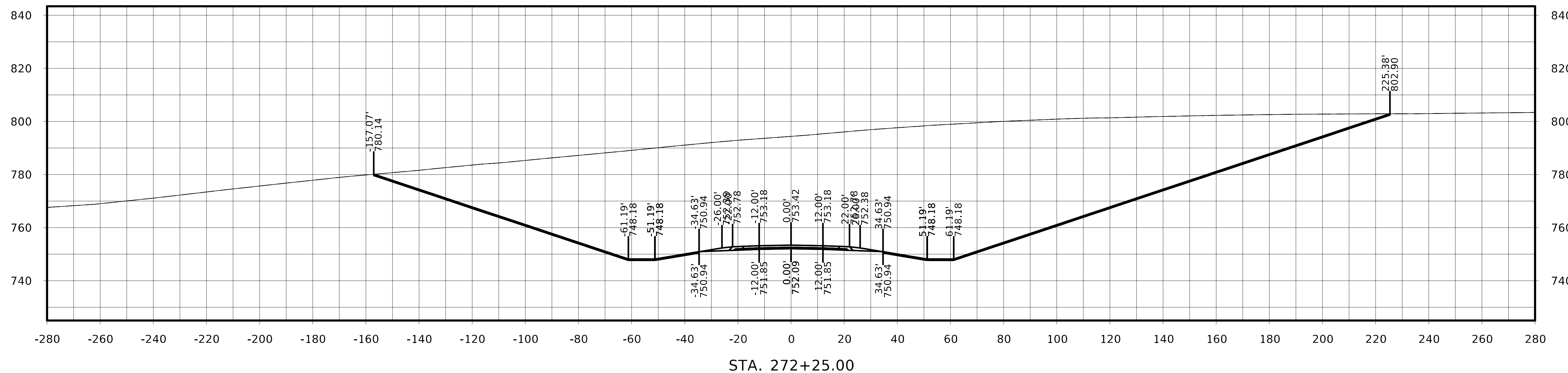
STA. 271+75.00



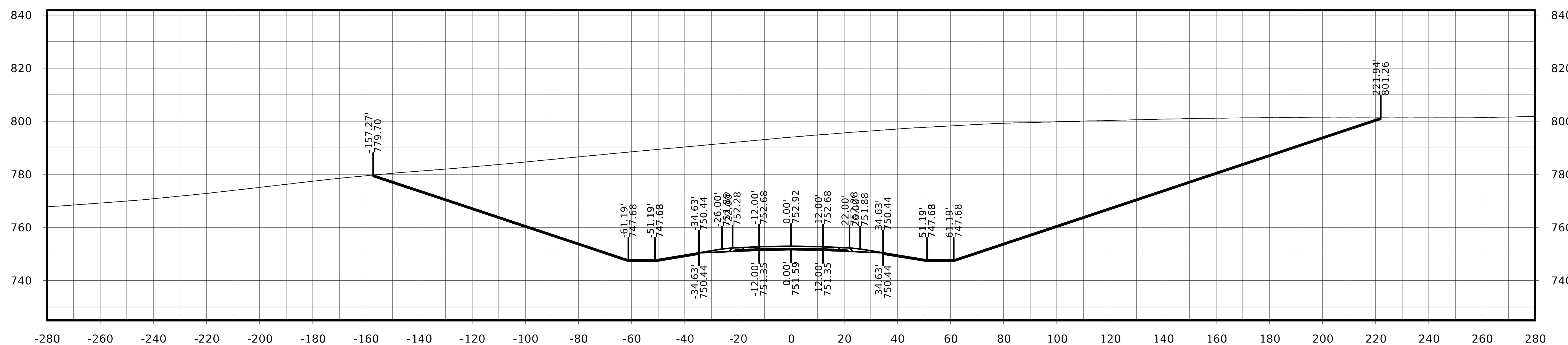
STA. 271+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.253

US 63

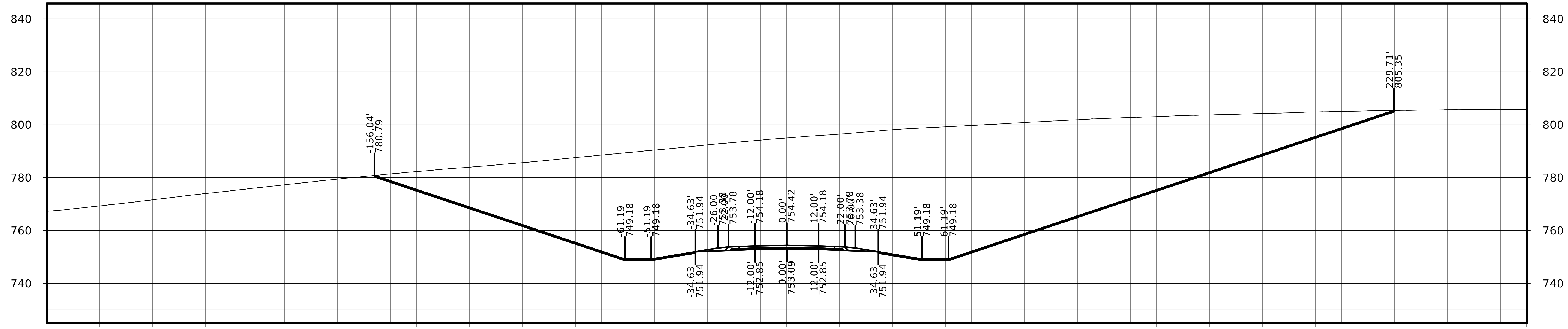


STA. 272+25.00

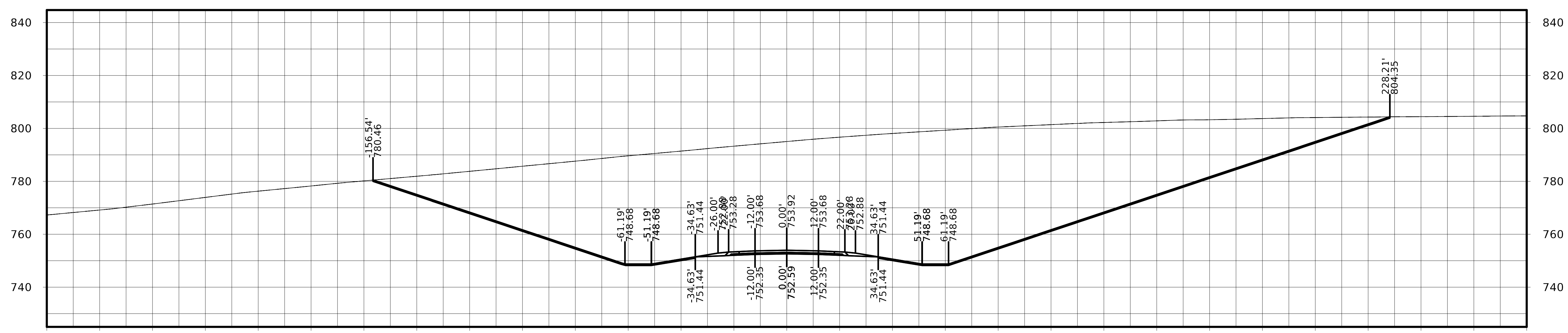


STA. 272+00.00

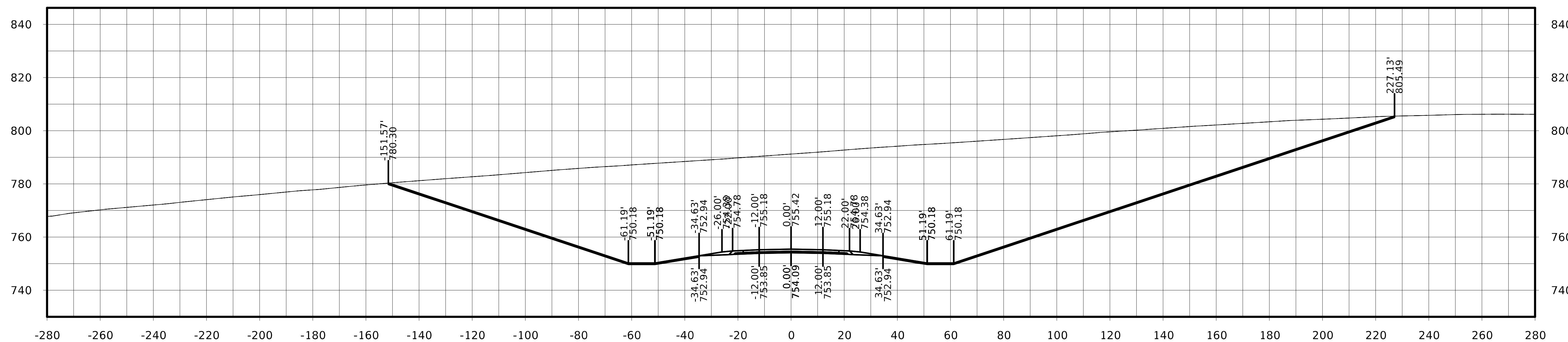
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.254



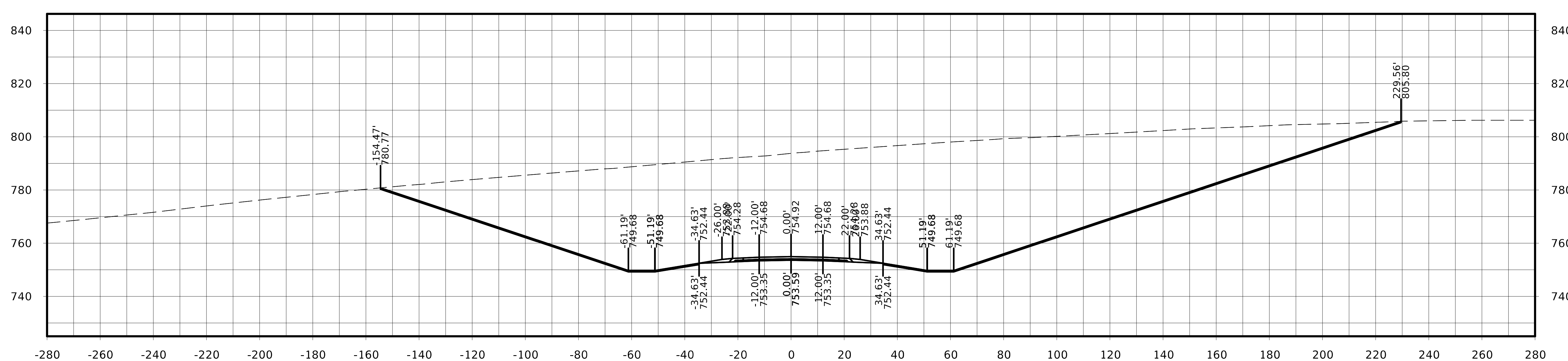
STA. 272+75.00



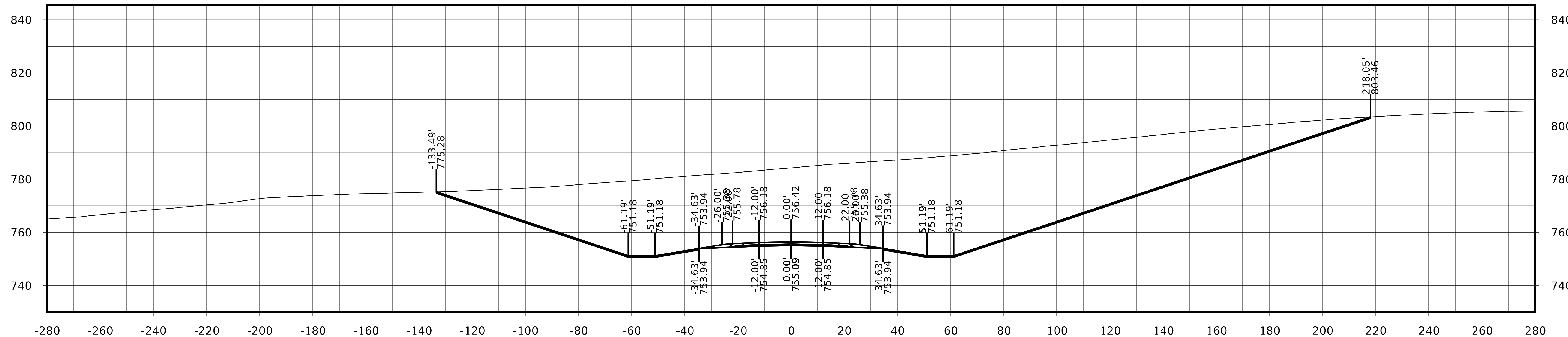
STA. 272+50.00



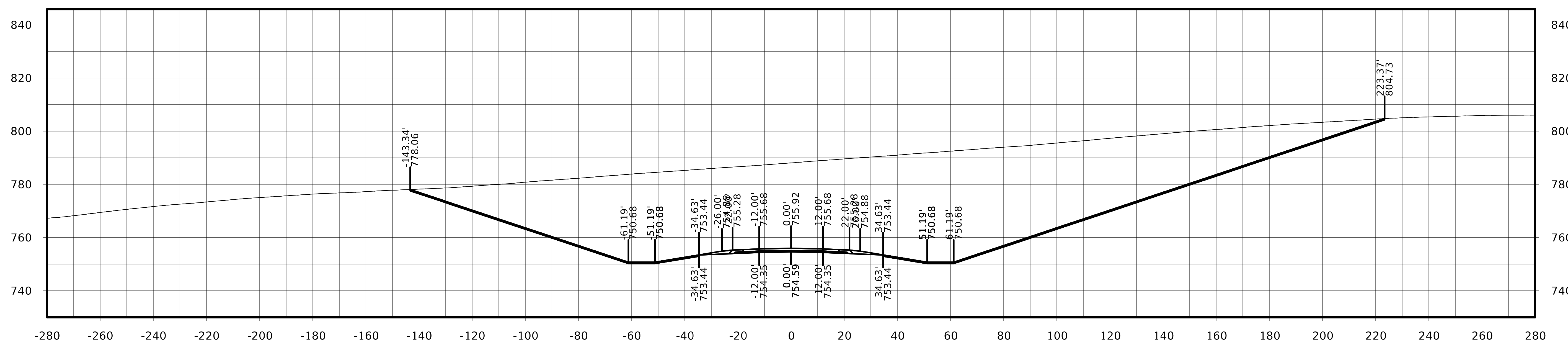
STA. 273+25.00



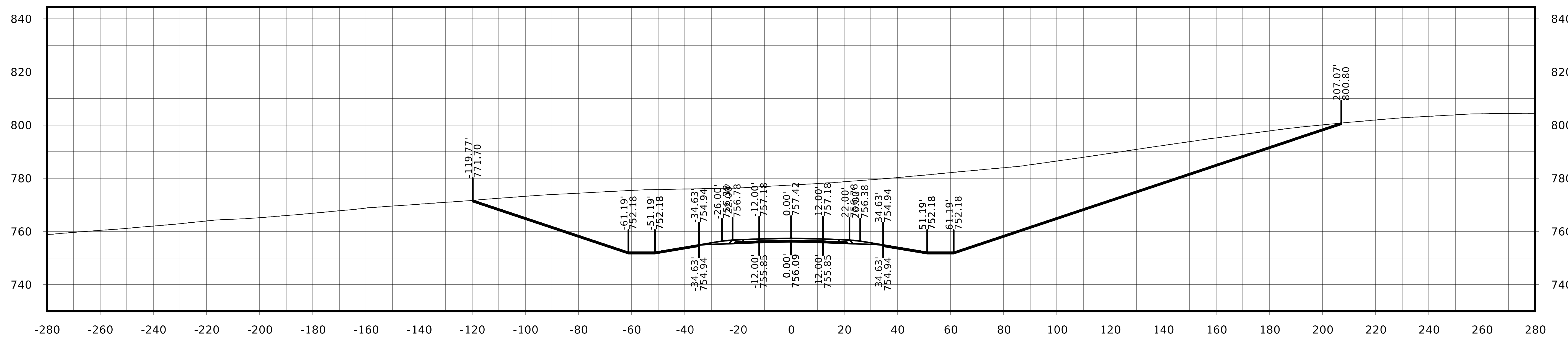
STA. 273+00.00



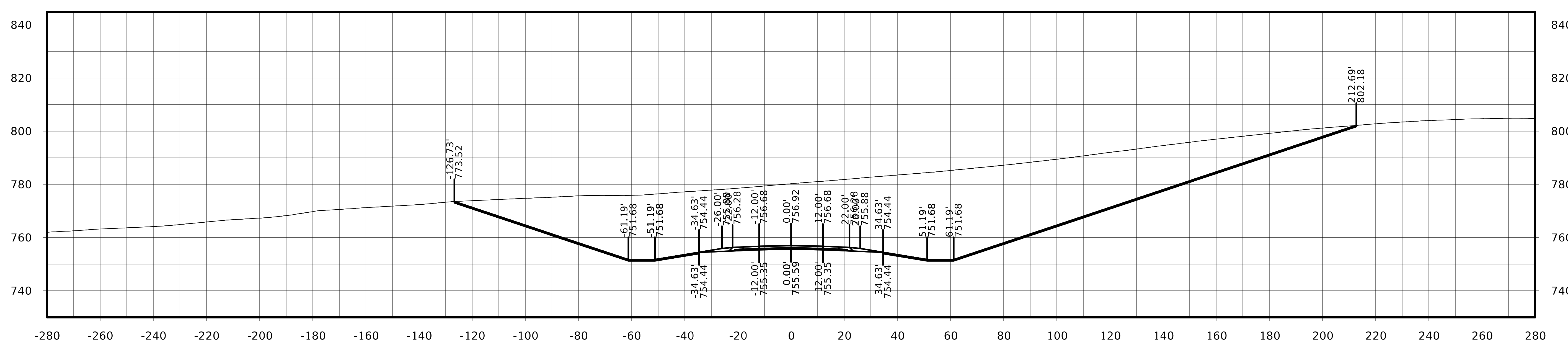
STA. 273+75.00



STA. 273+50.00

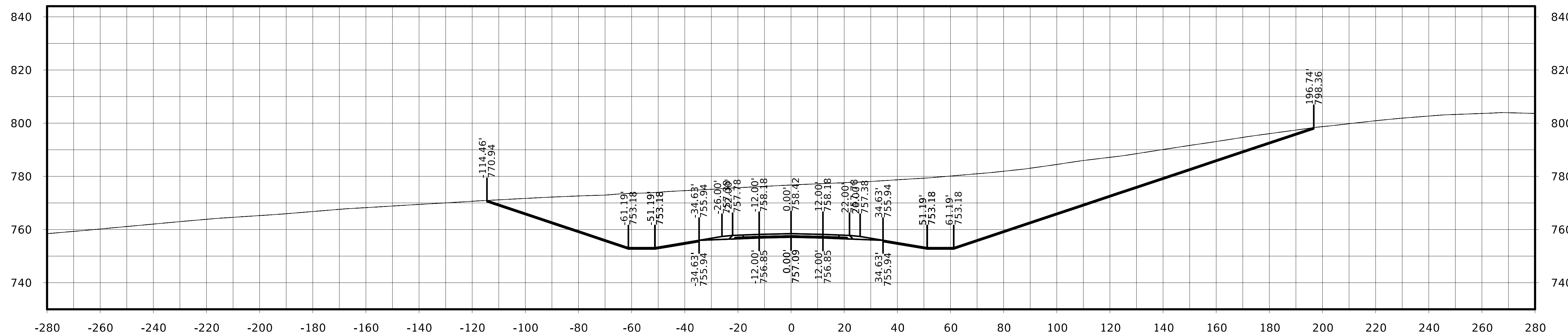


STA. 274+25.00

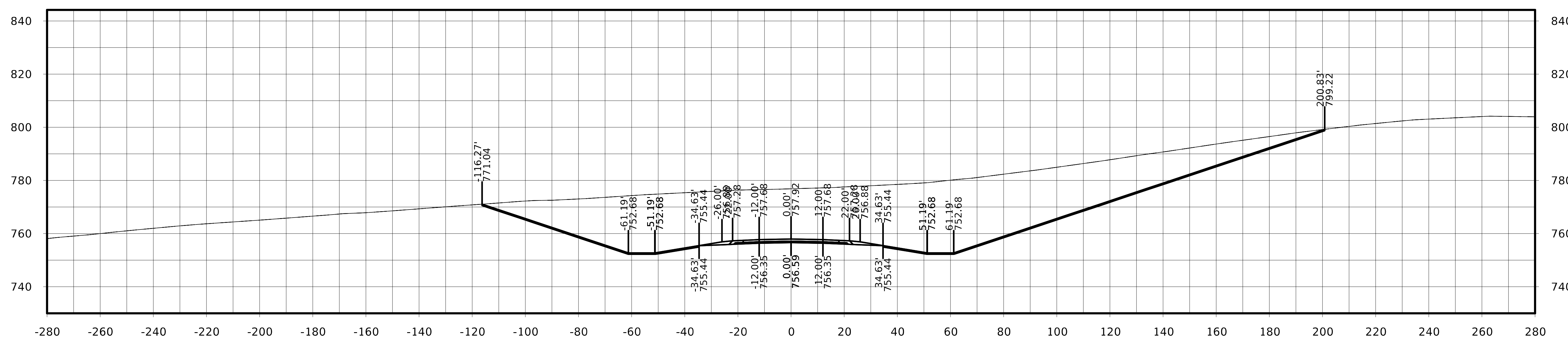


STA. 274+00.00

US 63



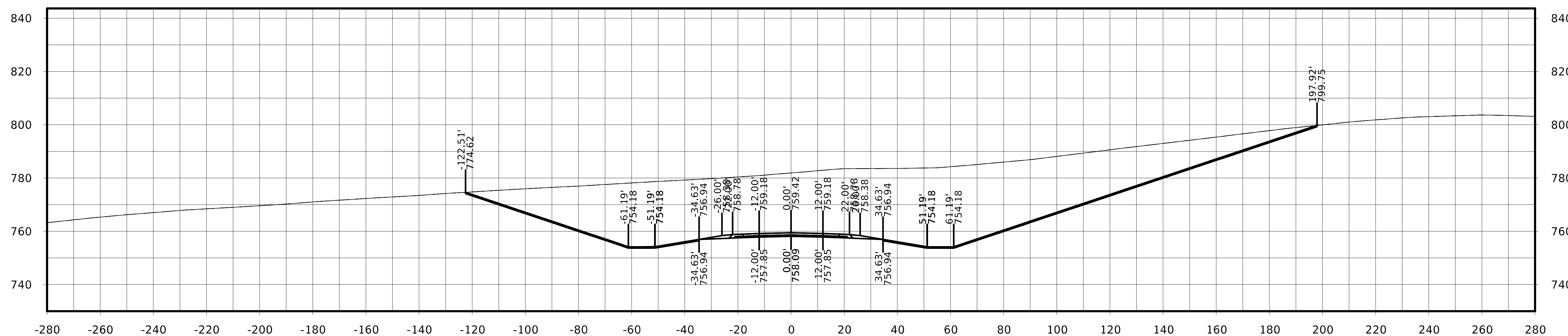
STA. 274+75.00



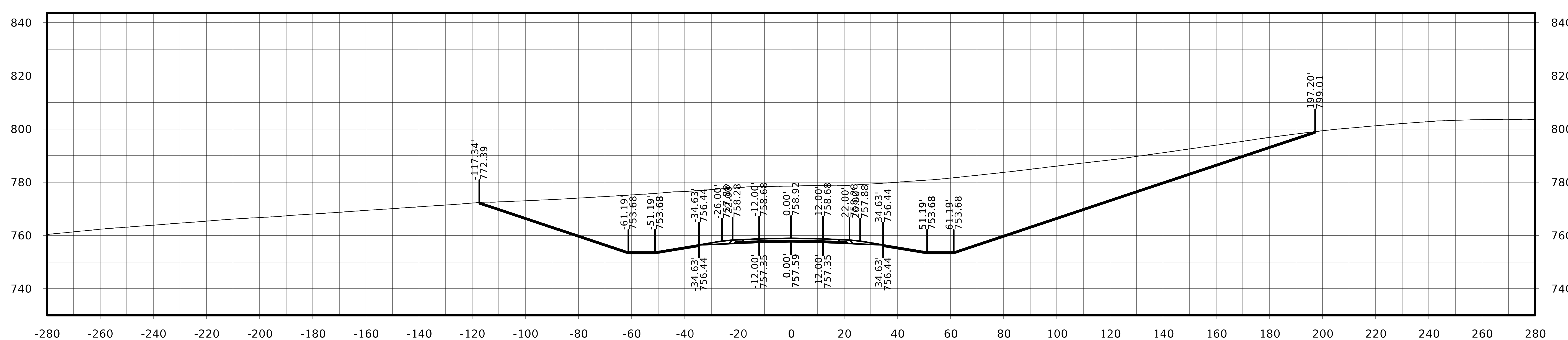
STA. 274+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.259

US 63

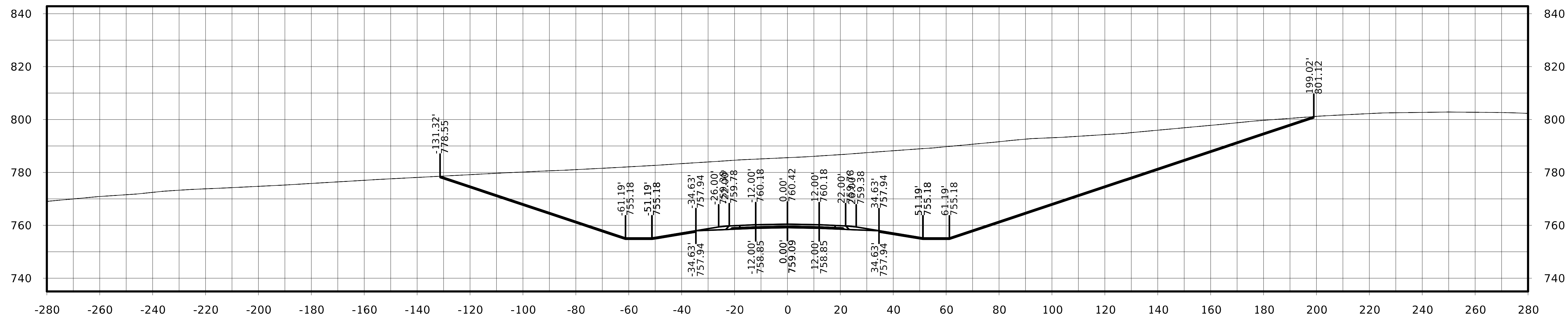


STA. 275+25.00

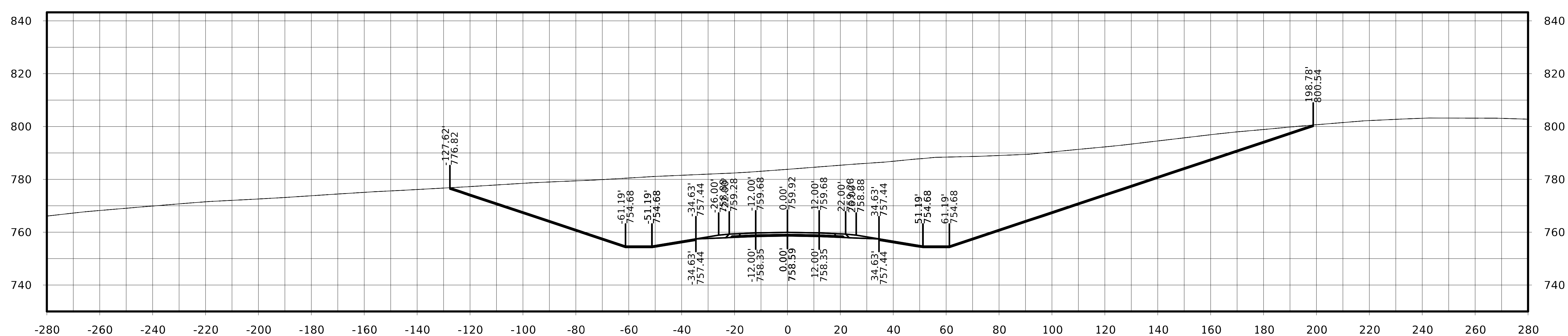


STA. 275+00.00

US 63



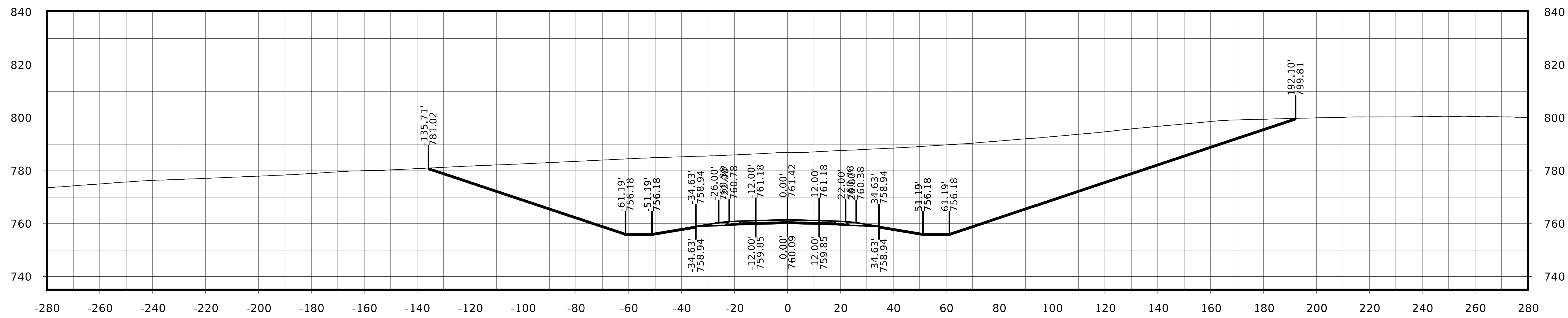
STA. 275+75.00



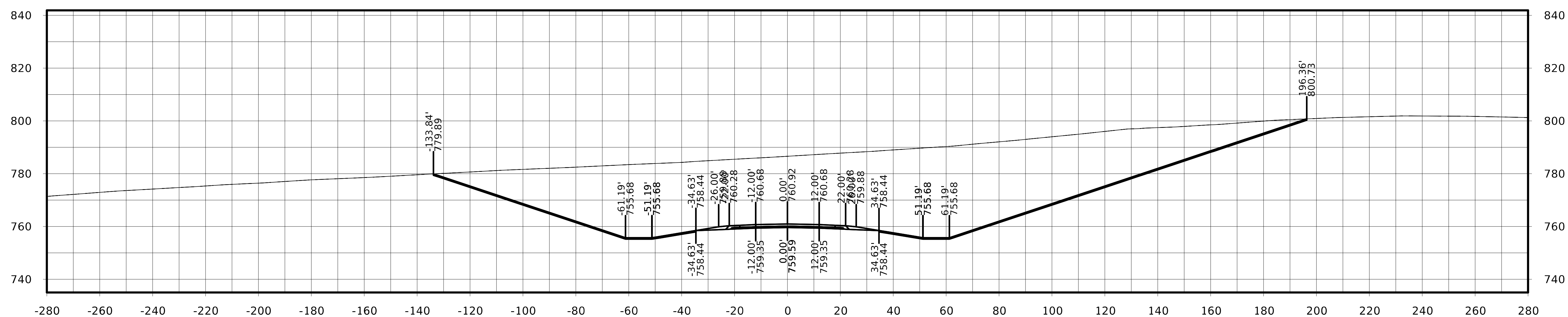
STA. 275+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.261

US 63



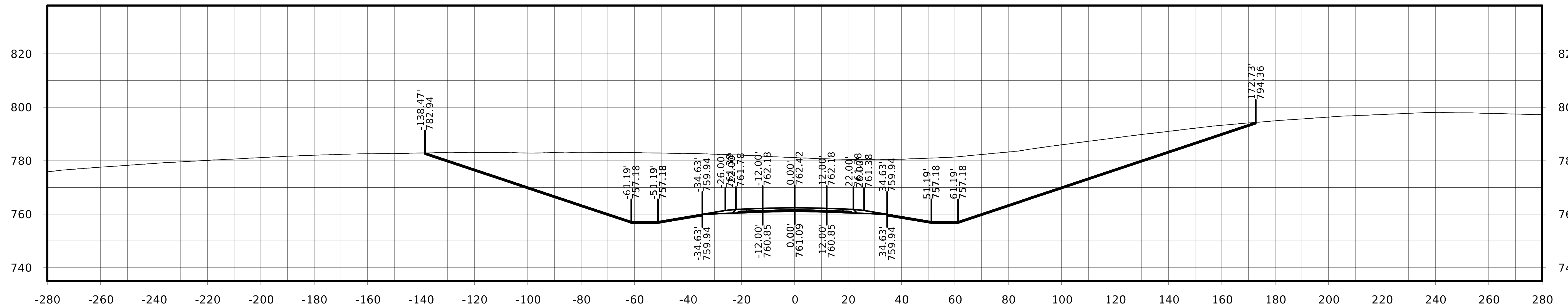
STA. 276+25.00



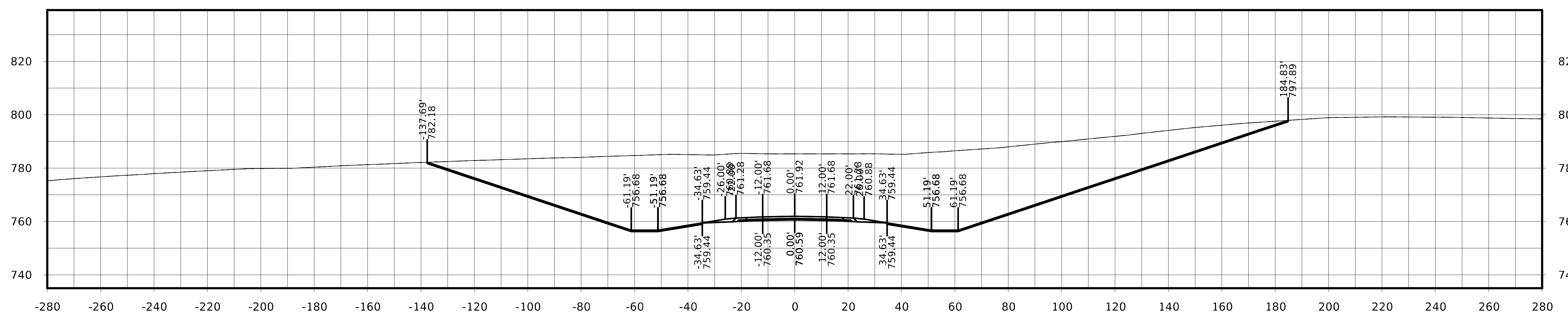
STA. 276+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.262

US 63



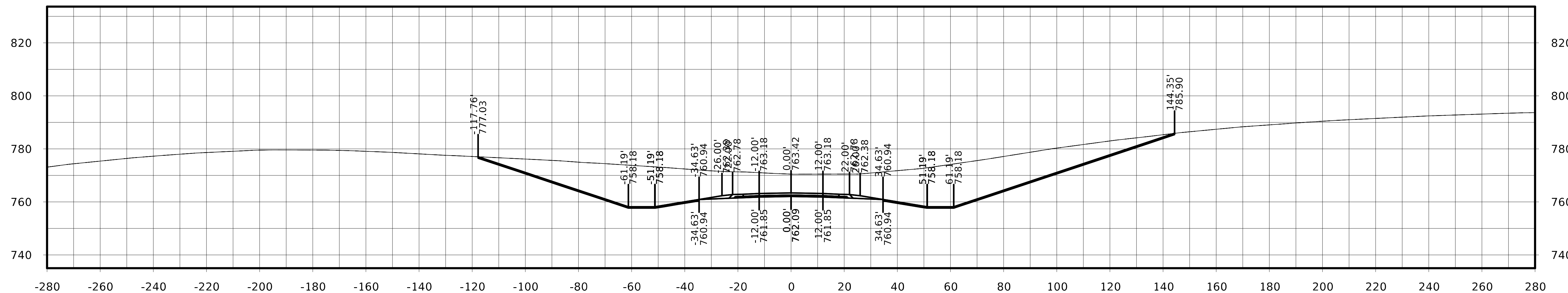
STA. 276+75.00



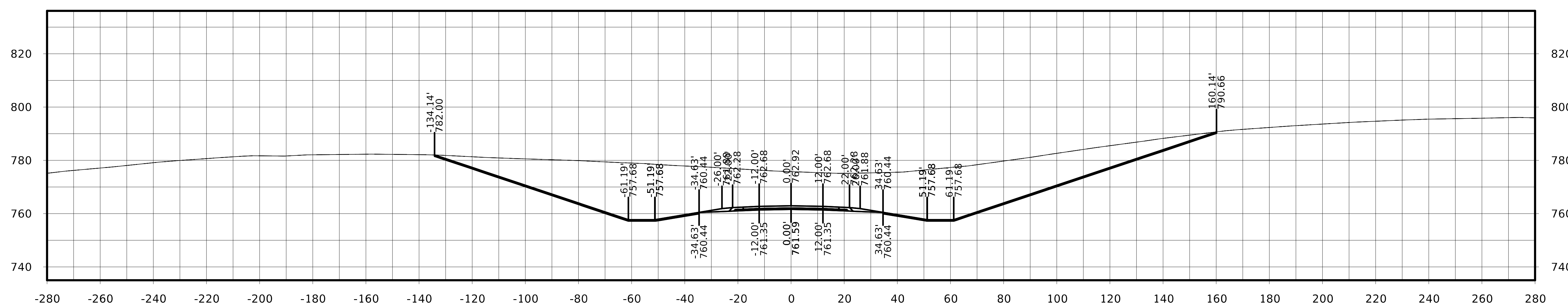
STA. 276+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.263

US 63



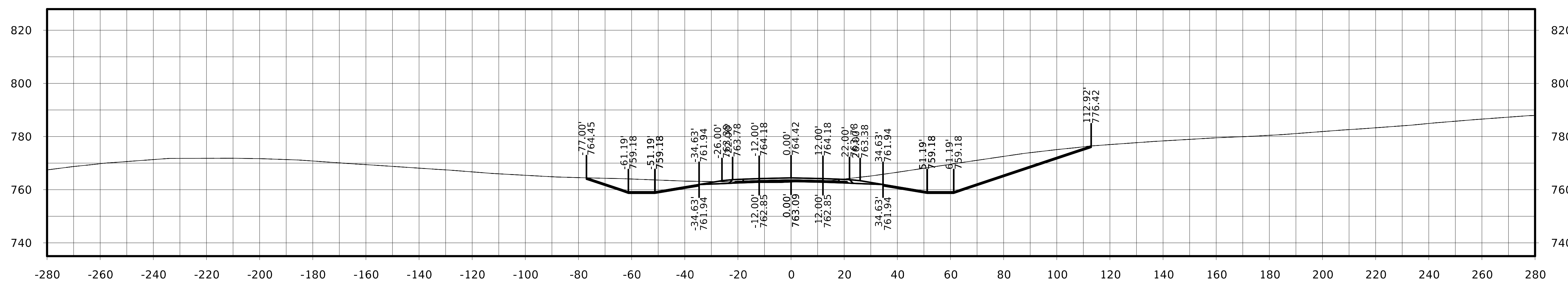
STA. 277+25.00

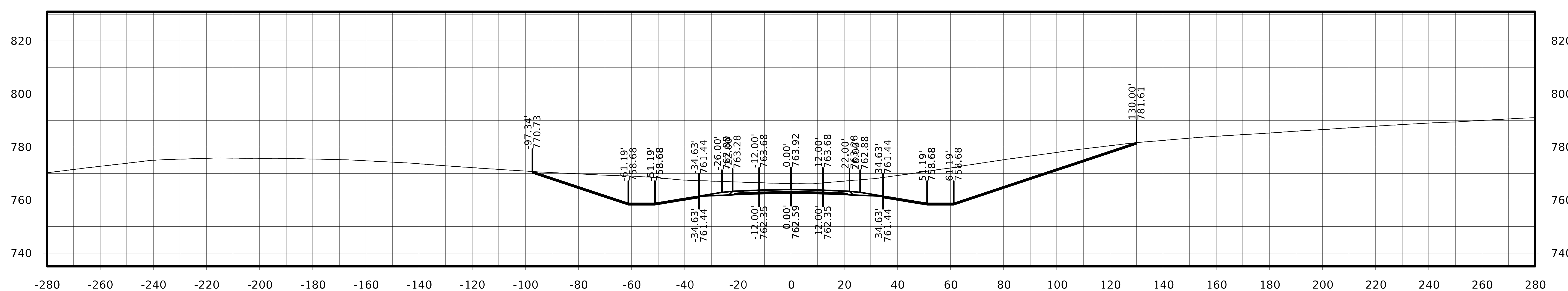


STA. 277+00.00

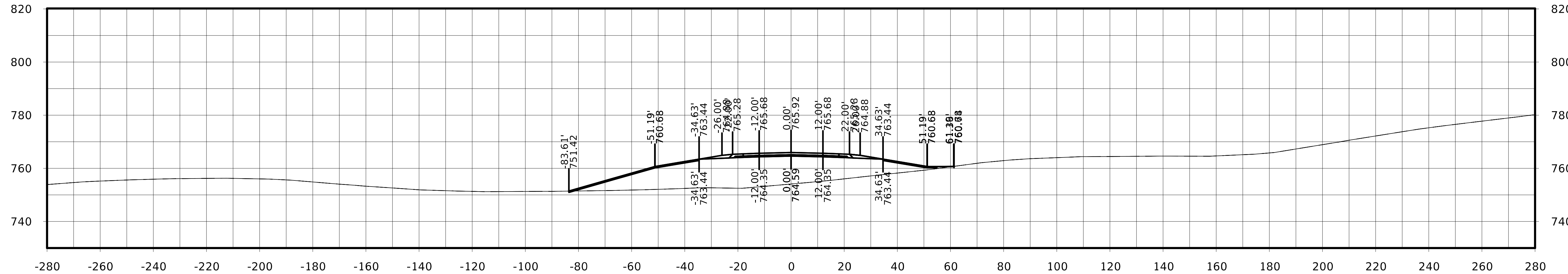
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.264

US 63

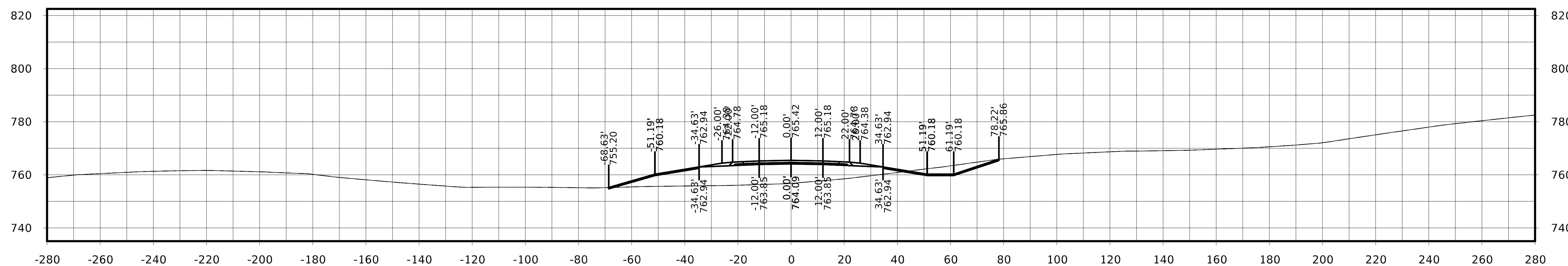




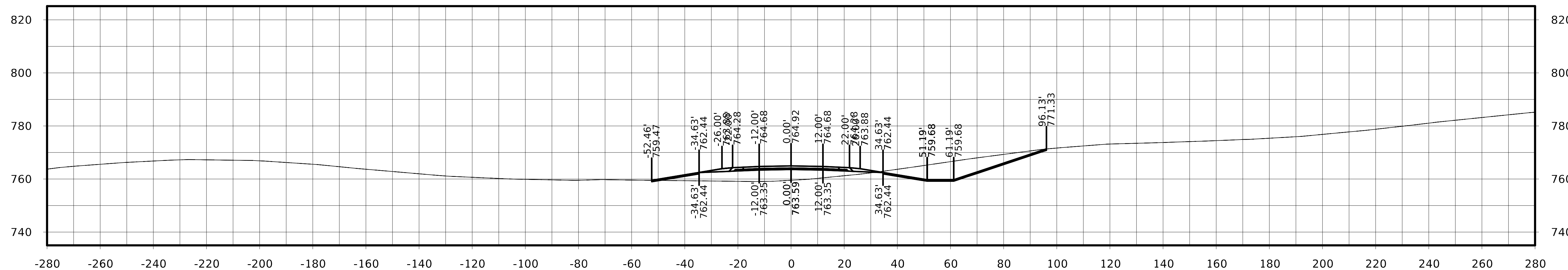
US 63



STA. 278+50.00



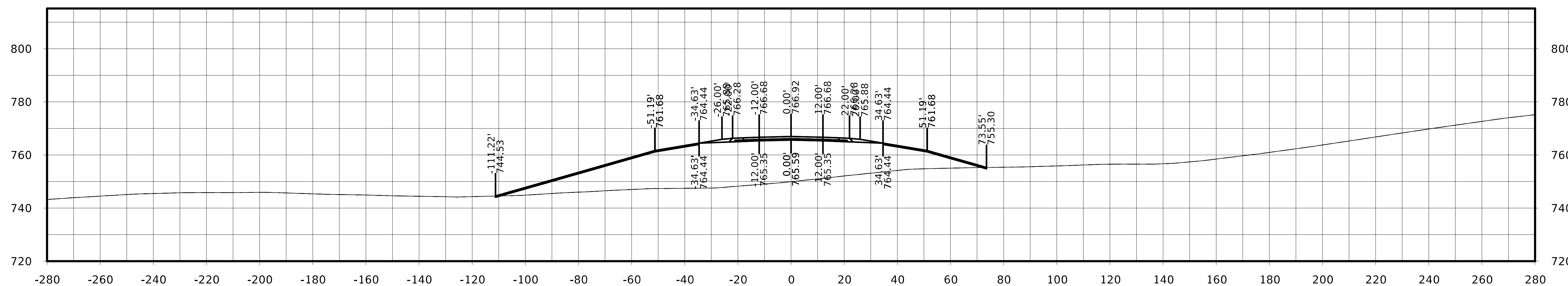
STA. 278+25.00



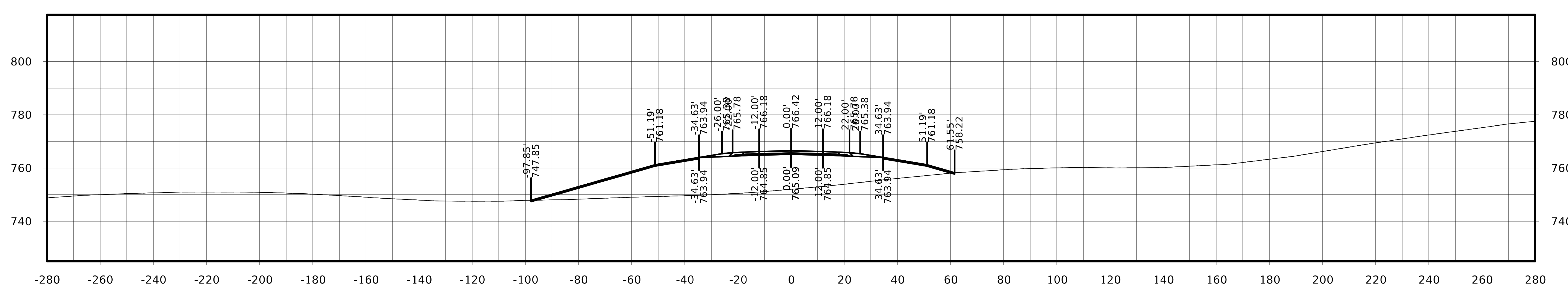
STA. 278+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.266

US 63



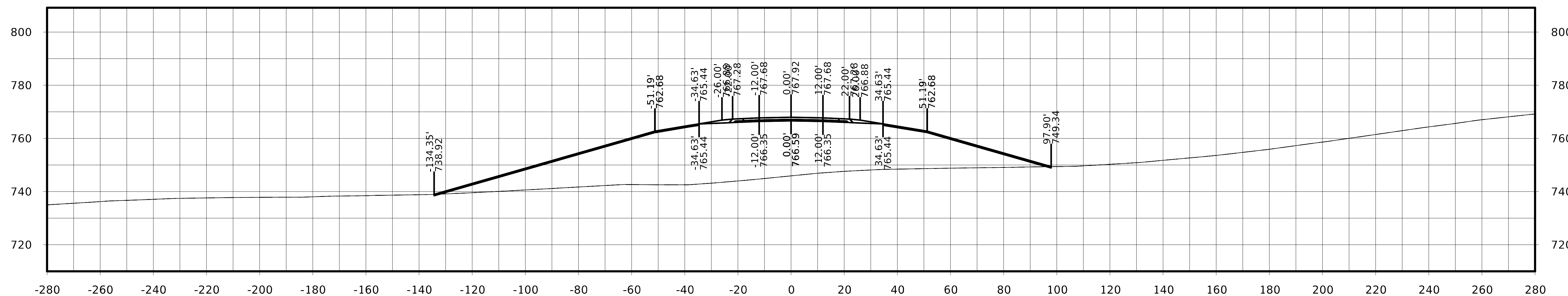
STA. 279+00.00



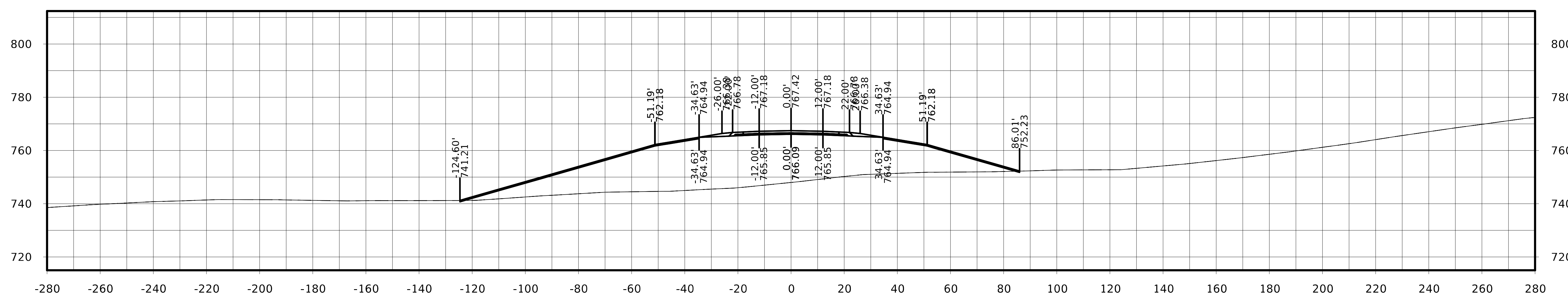
STA. 278+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.267

US 63



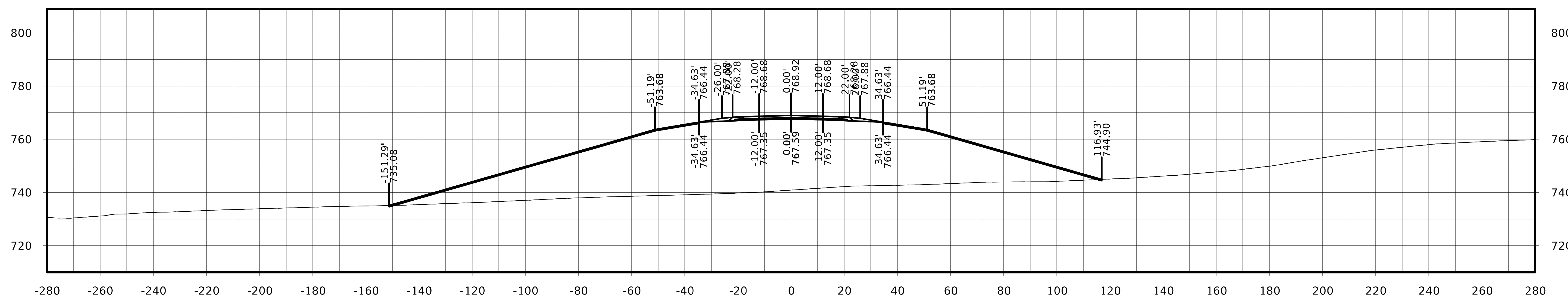
STA. 279+50.00



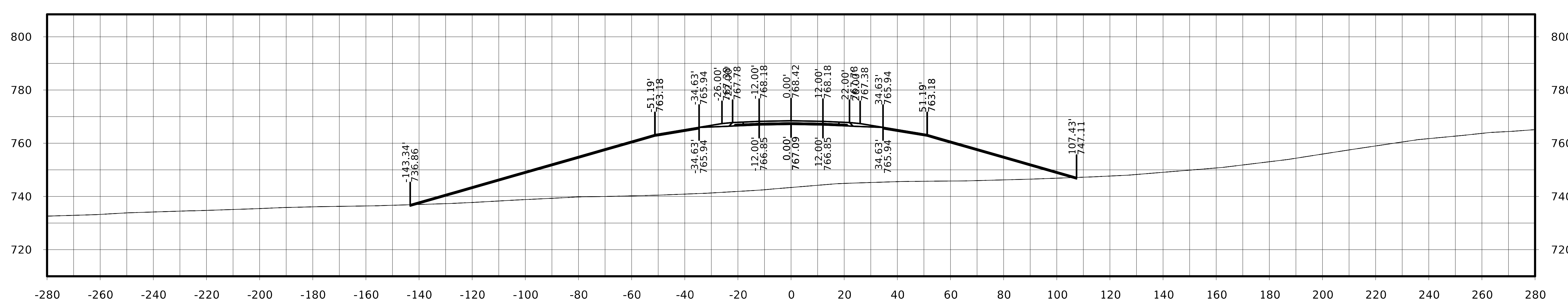
STA. 279+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.268

US 63

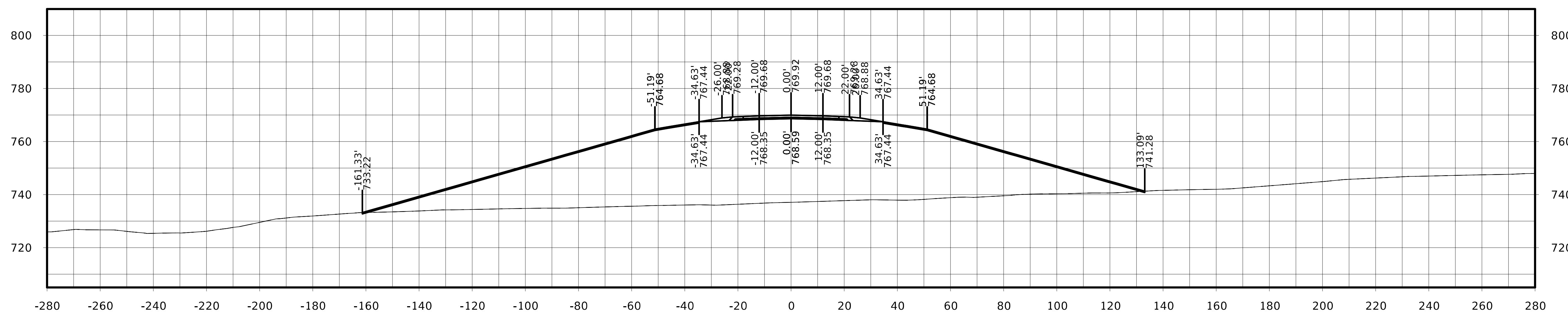


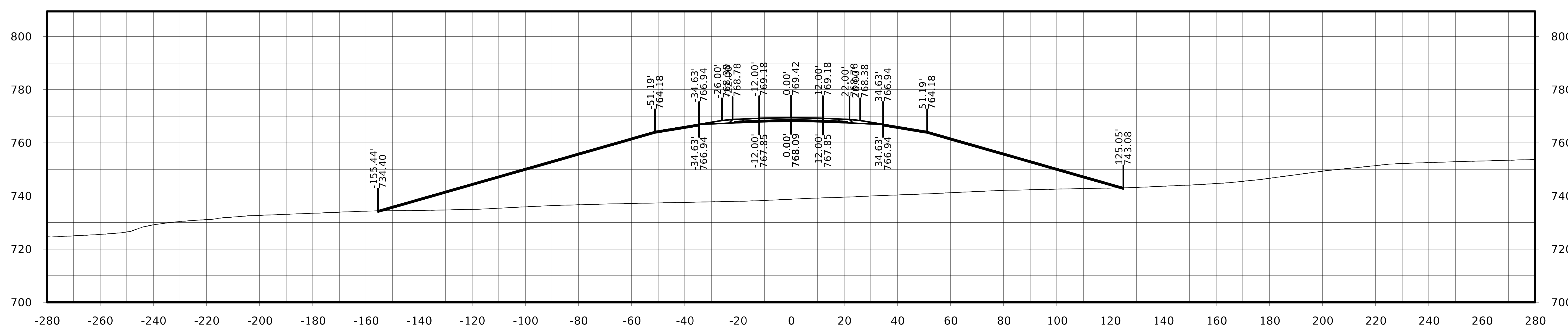
STA. 280+00.00



STA. 279+75.00

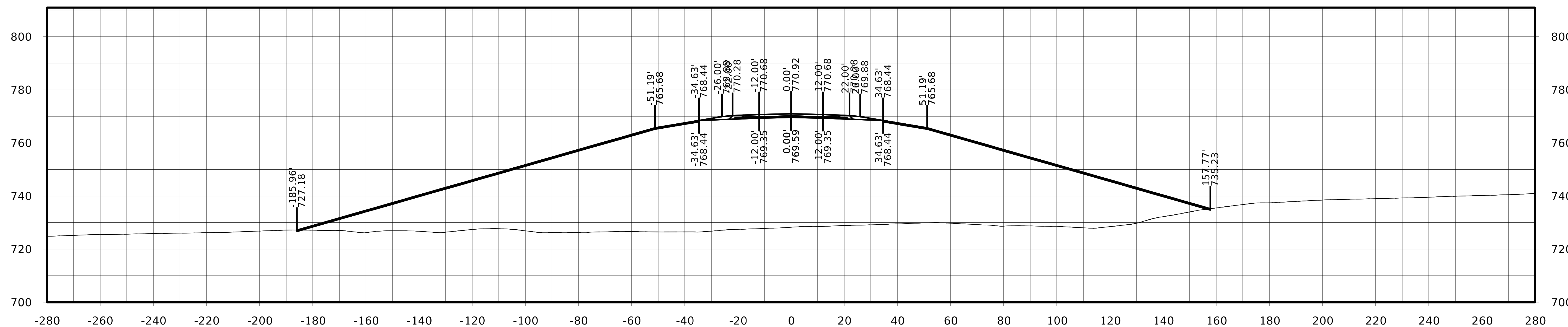
US 63



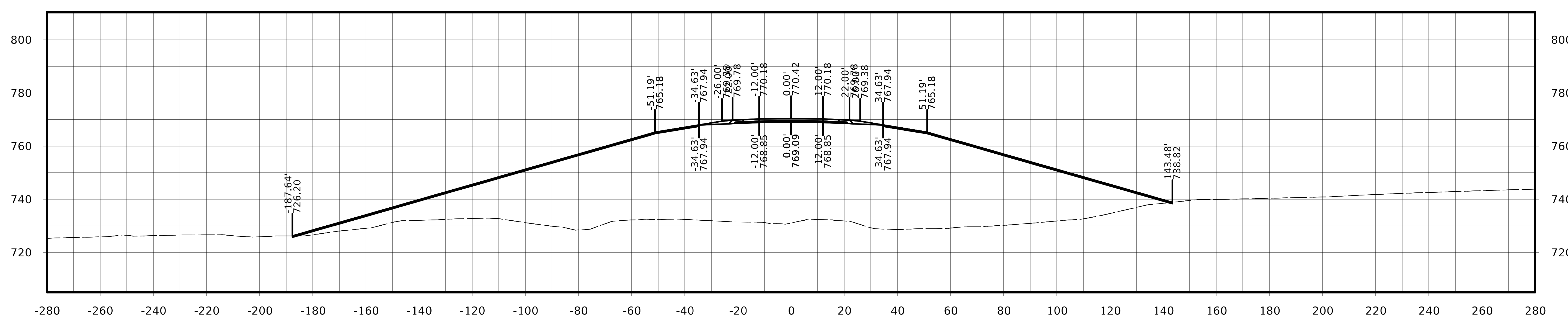


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.270

US 63



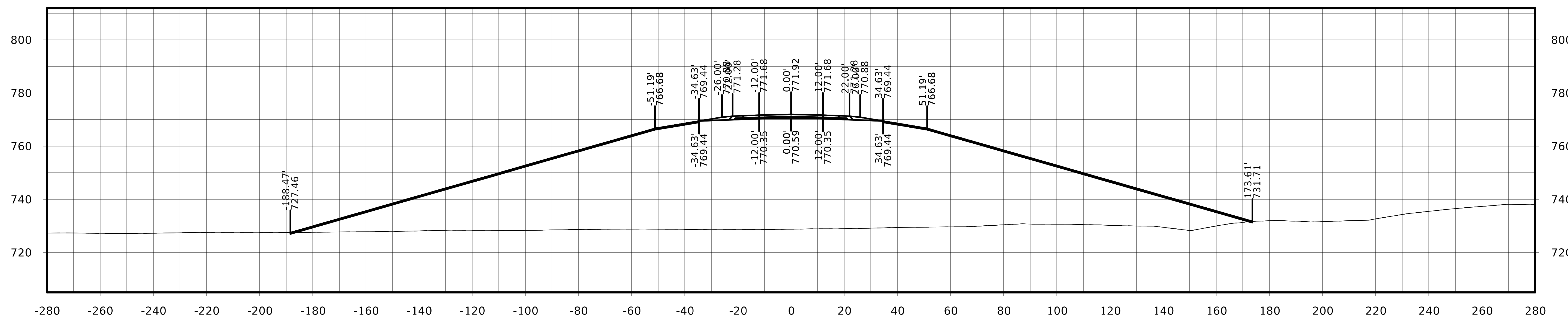
STA. 281+00.00



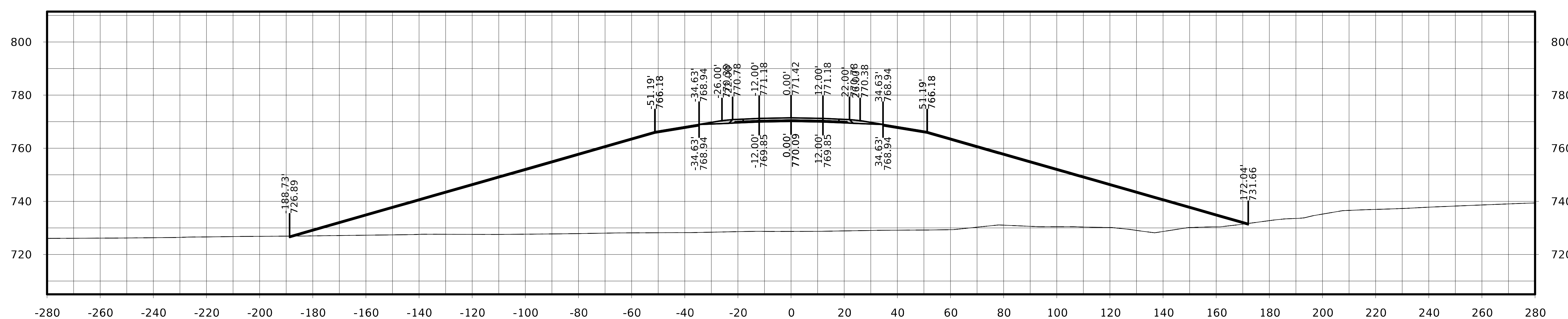
STA. 280+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.271

US 63



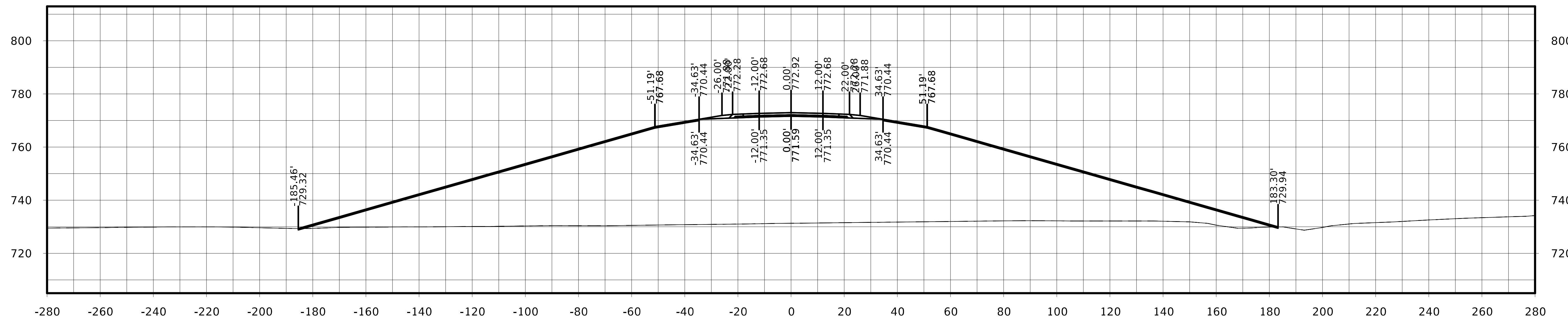
STA. 281+50.00



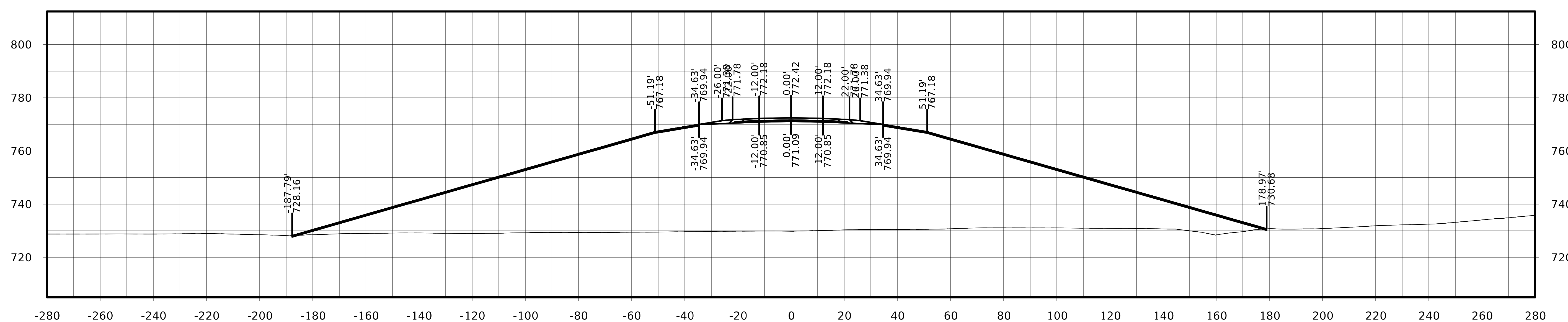
STA. 281+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.272

US 63



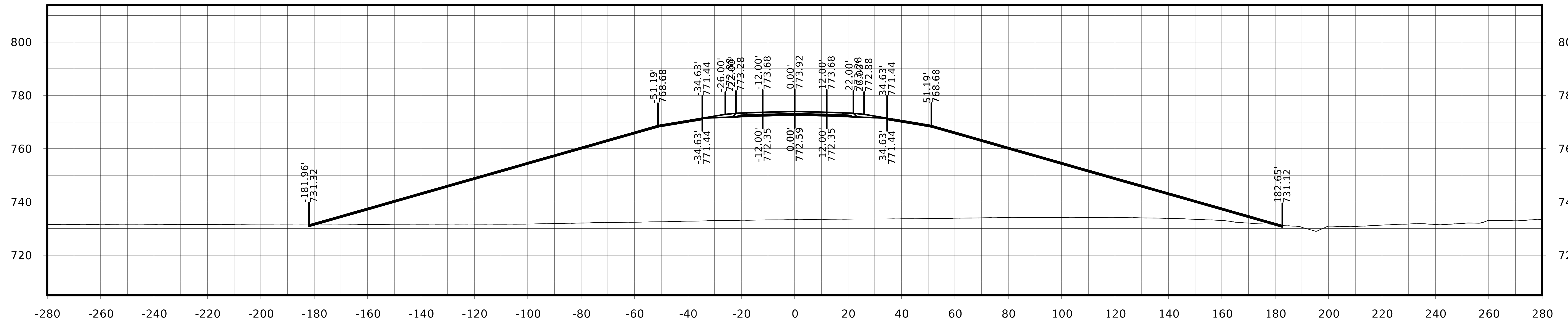
STA. 282+00.00



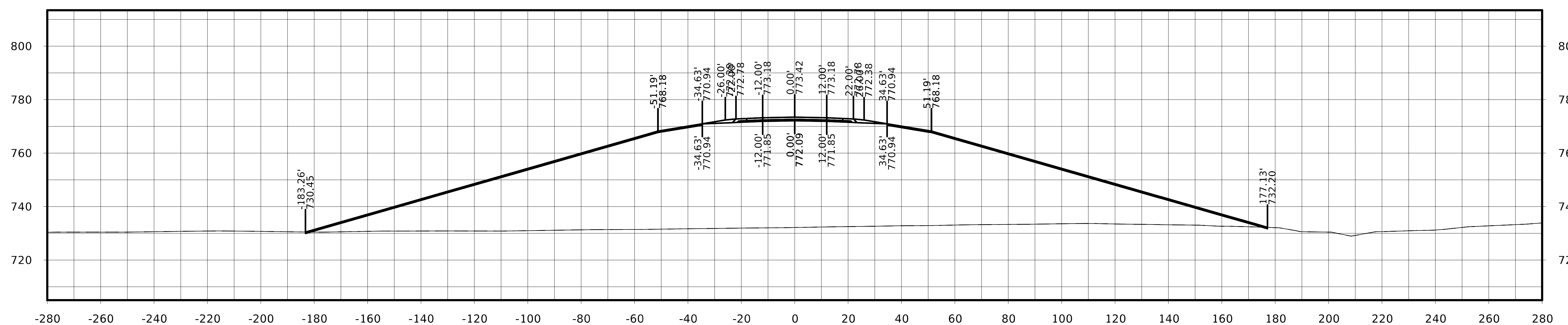
STA. 281+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.273

US 63



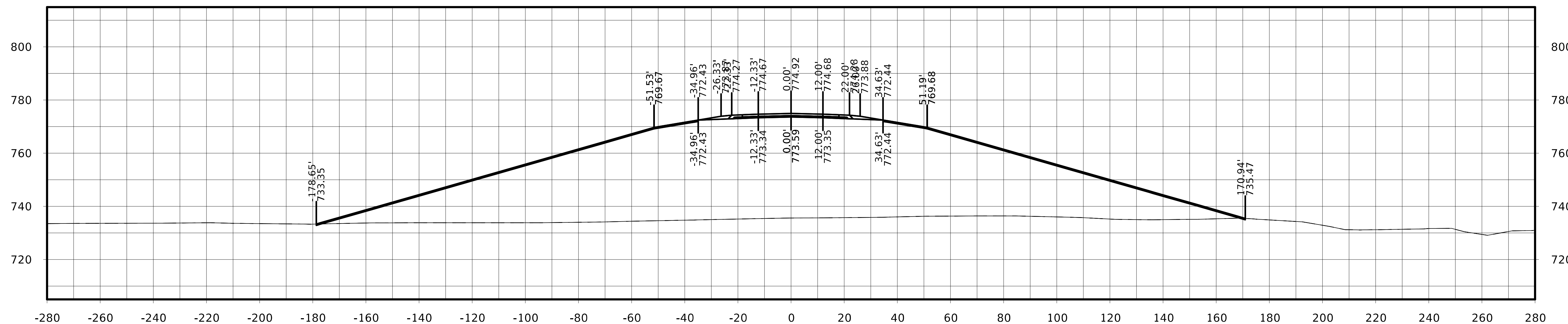
STA. 282+50.00



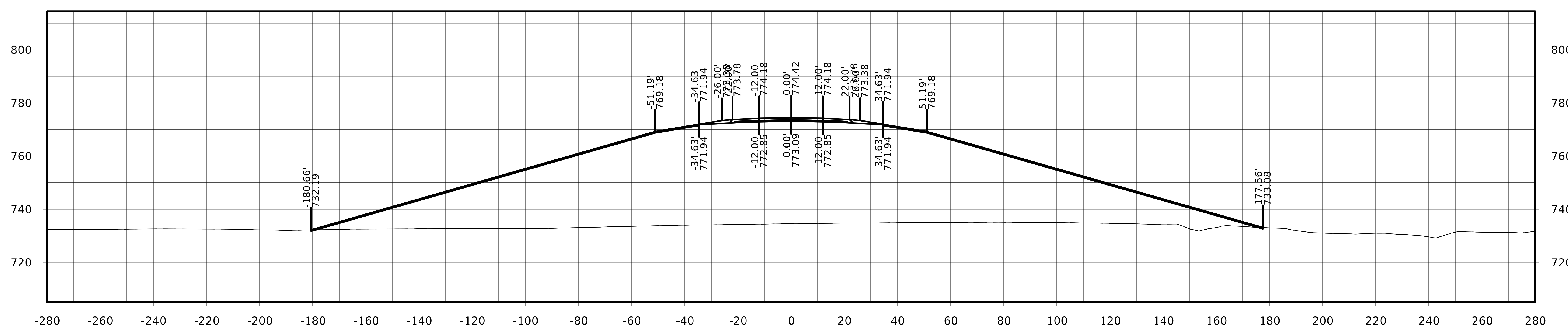
STA. 282+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.274

US 63



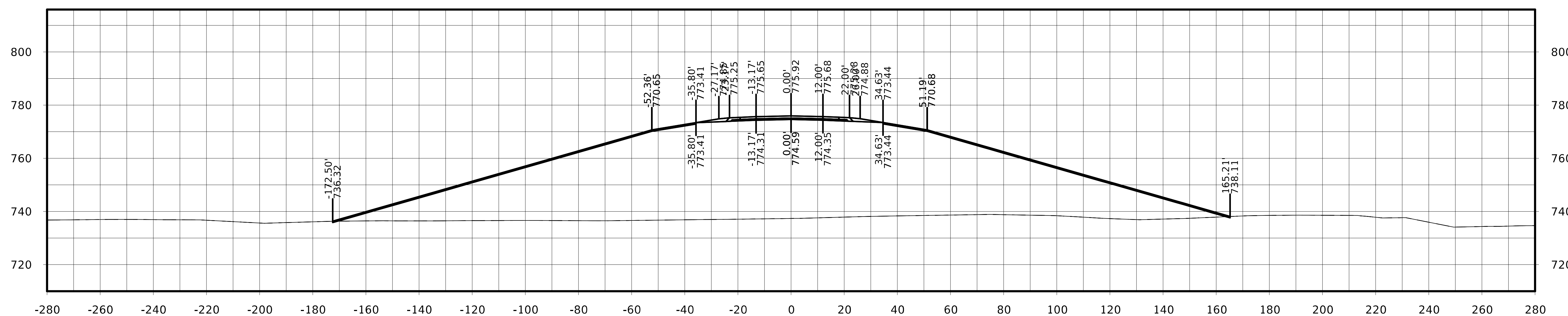
STA. 283+00.00



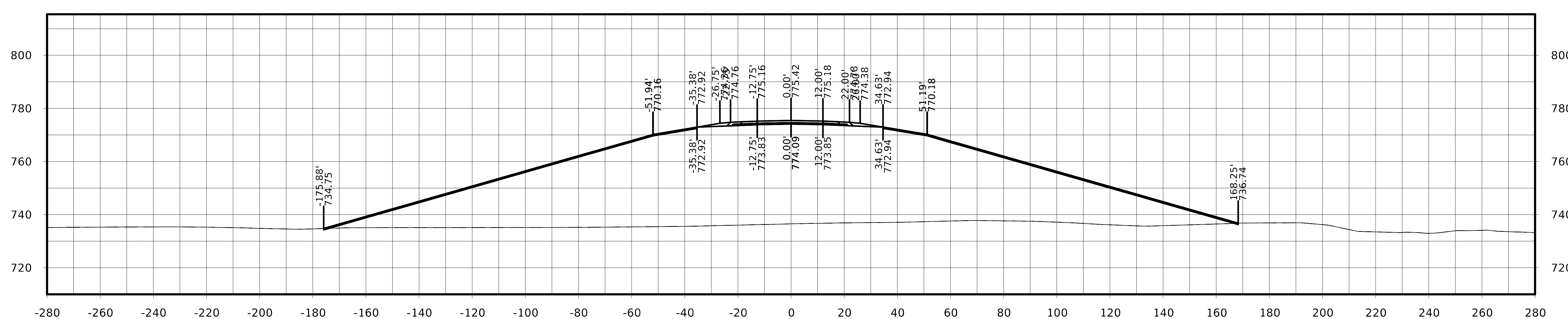
STA. 282+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.275

US 63



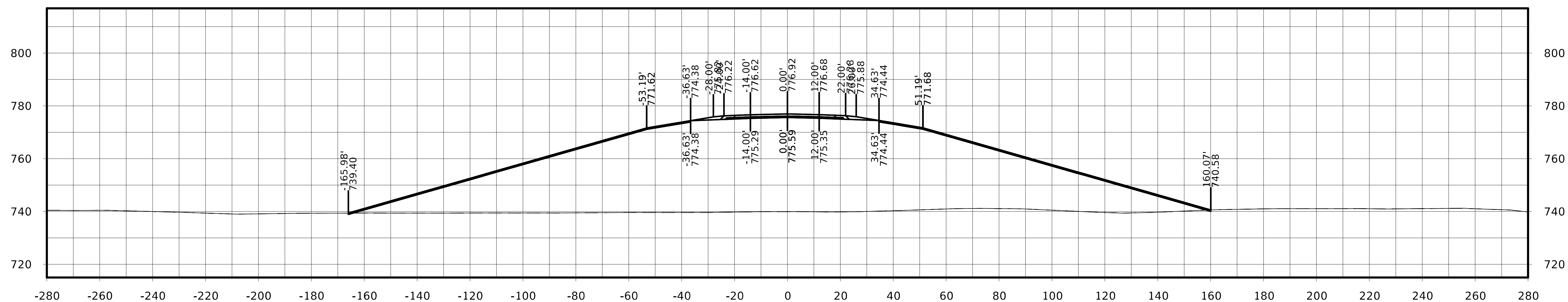
STA. 283+50.00



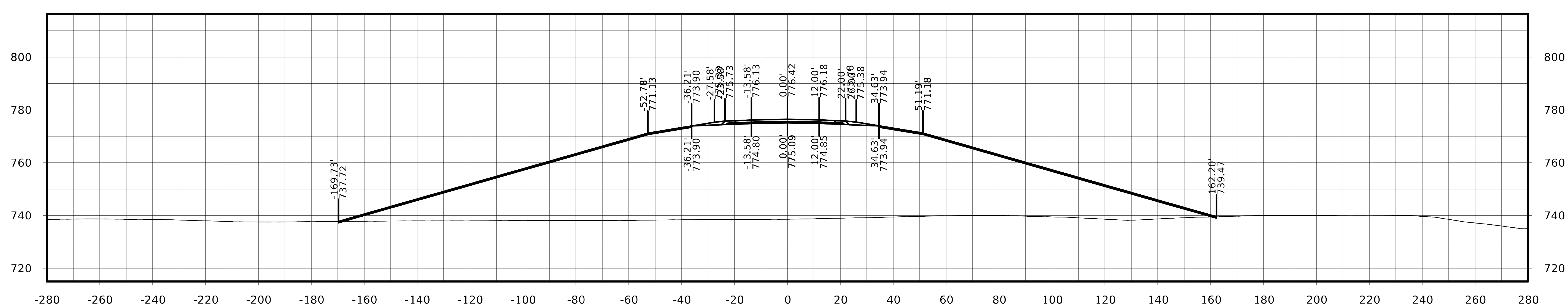
STA. 283+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.276

US 63



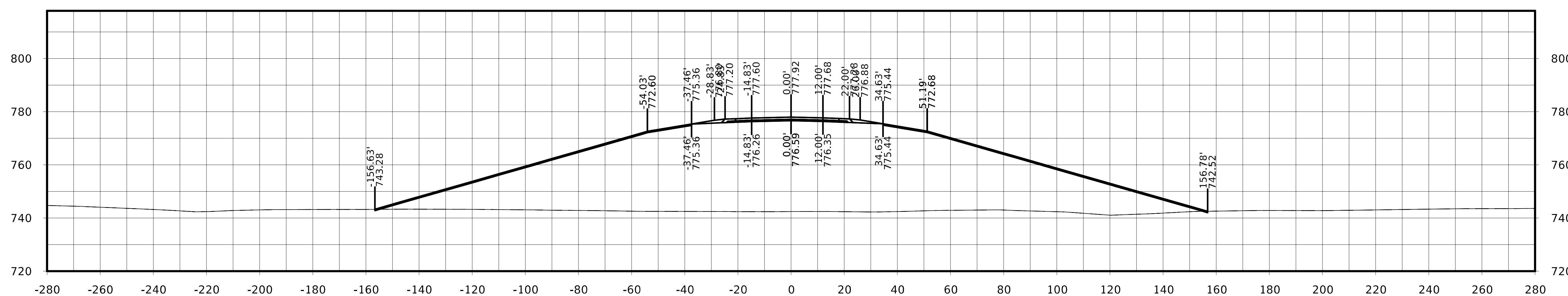
STA. 284+00.00



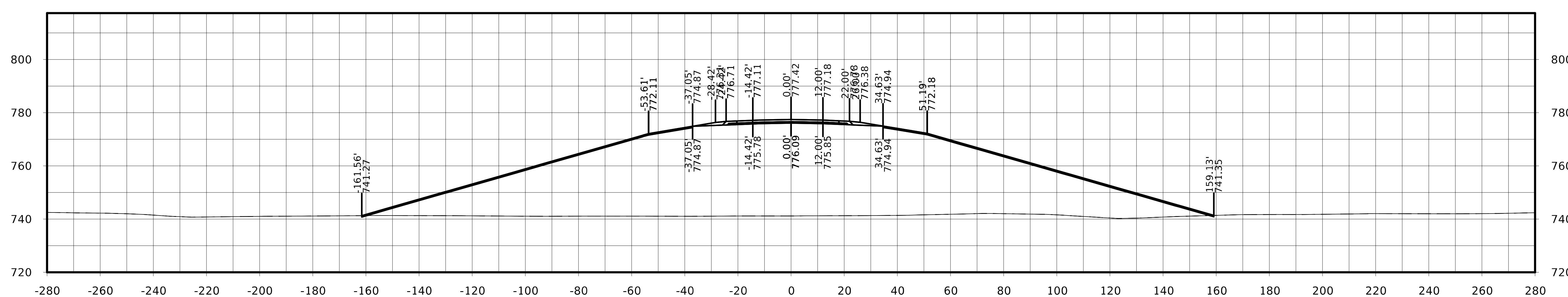
STA. 283+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.277

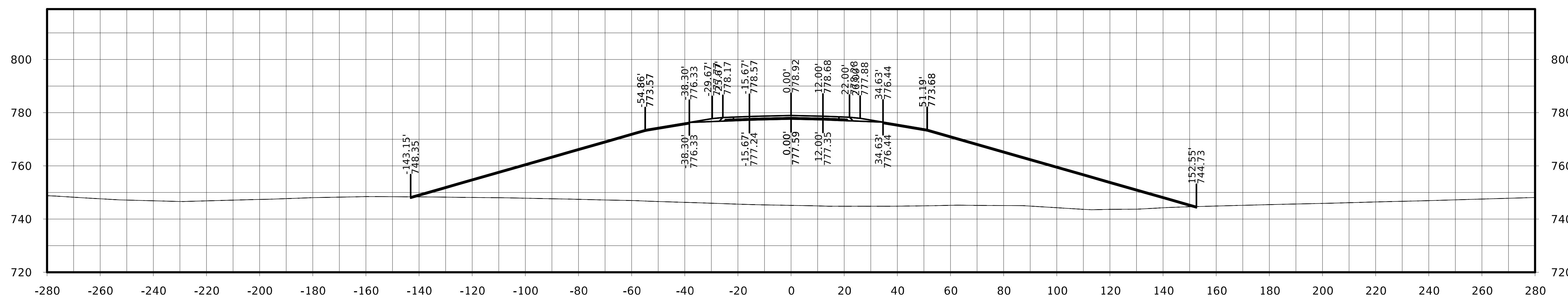
US 63



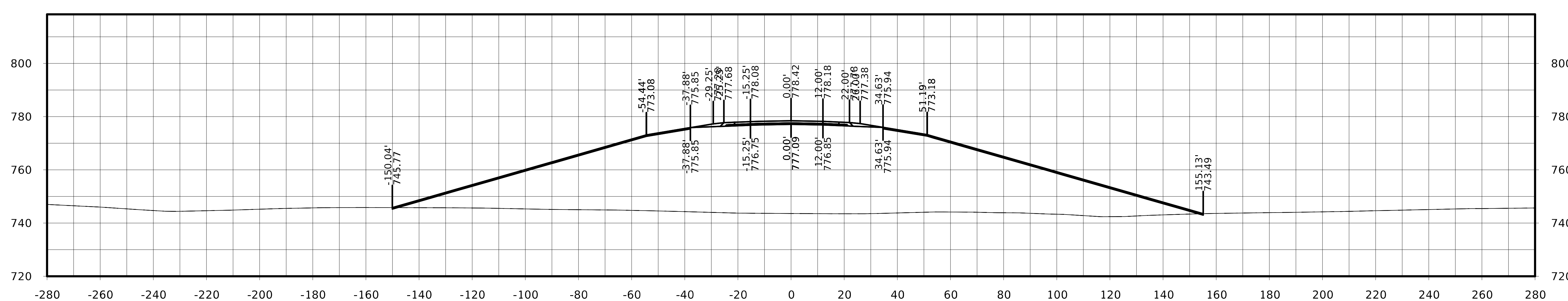
STA. 284+50.00



STA. 284+25.00

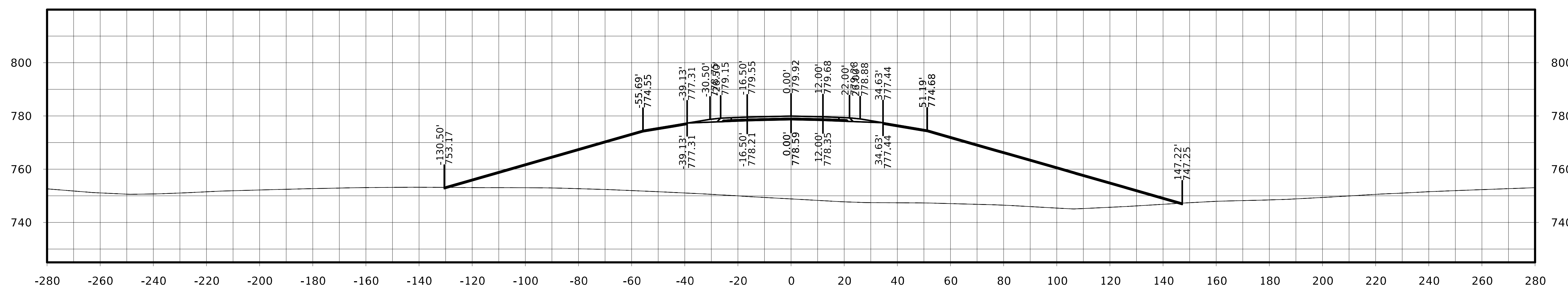


STA. 285+00.00

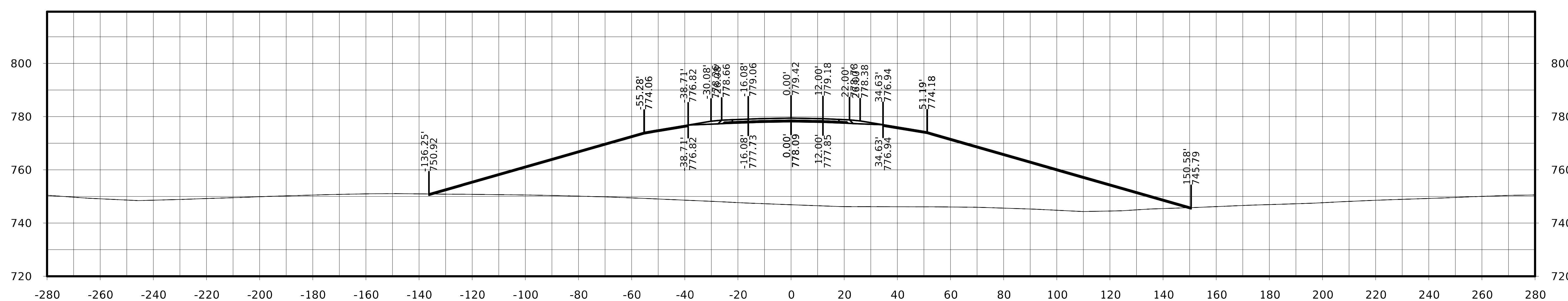


STA. 284+75.00

US 63



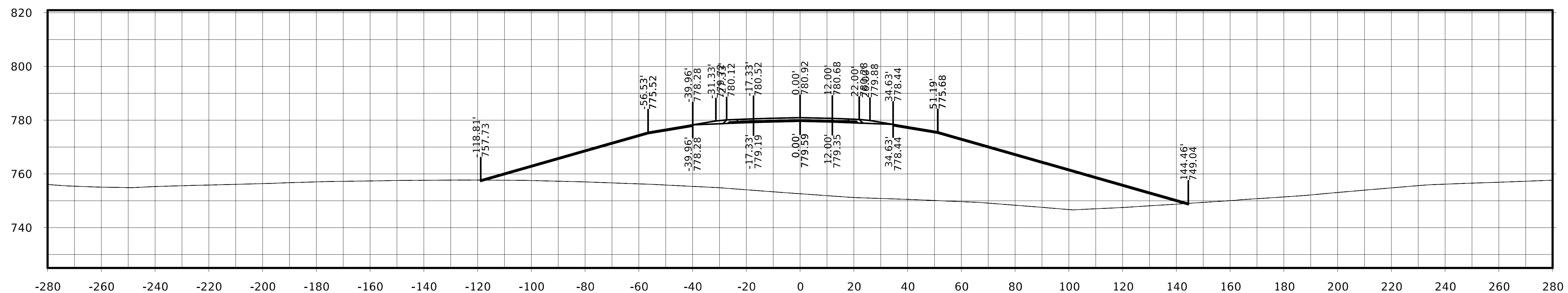
STA. 285+50.00



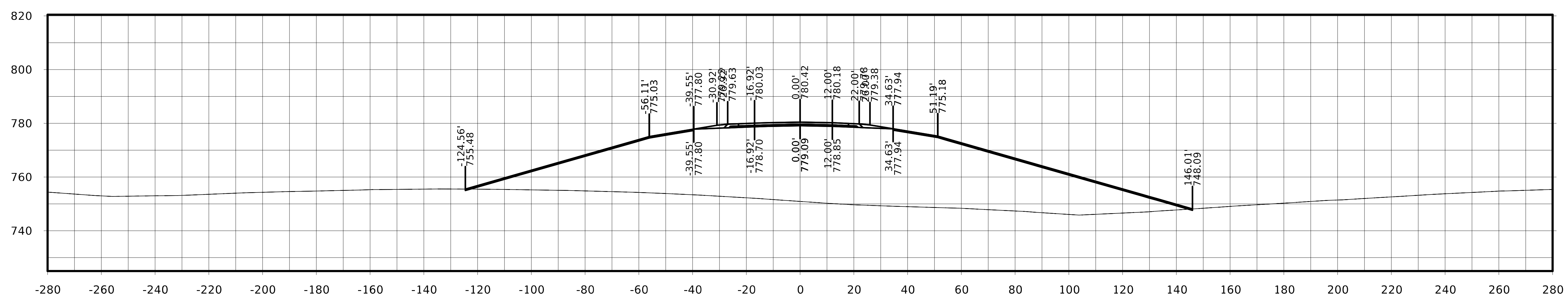
STA. 285+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.280

US 63



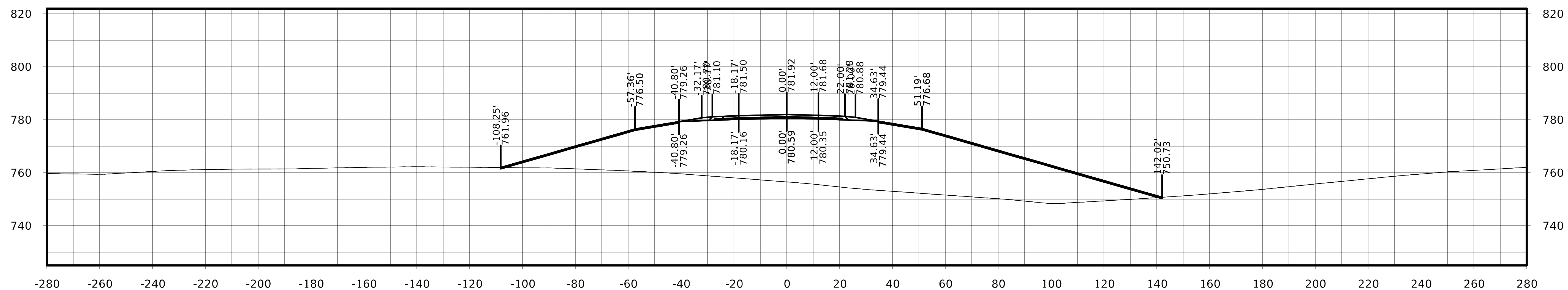
STA. 286+00.00



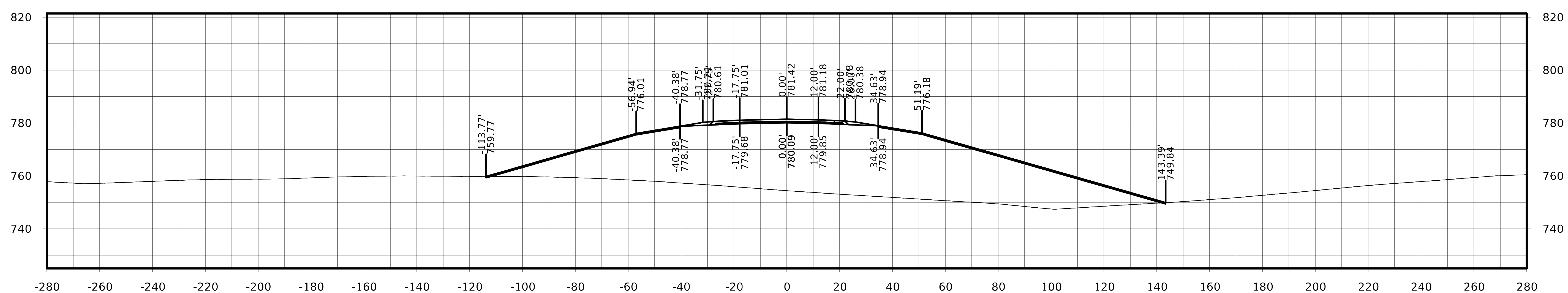
STA. 285+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.281

US 63



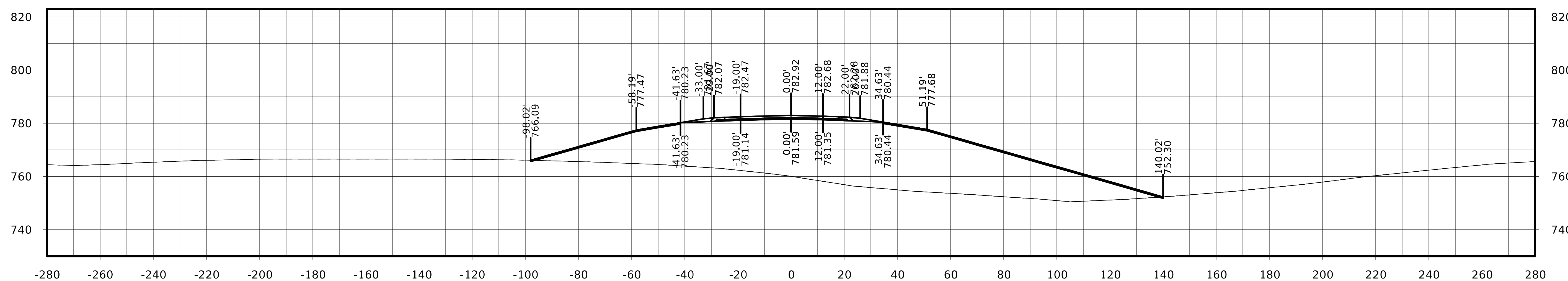
STA. 286+50.00



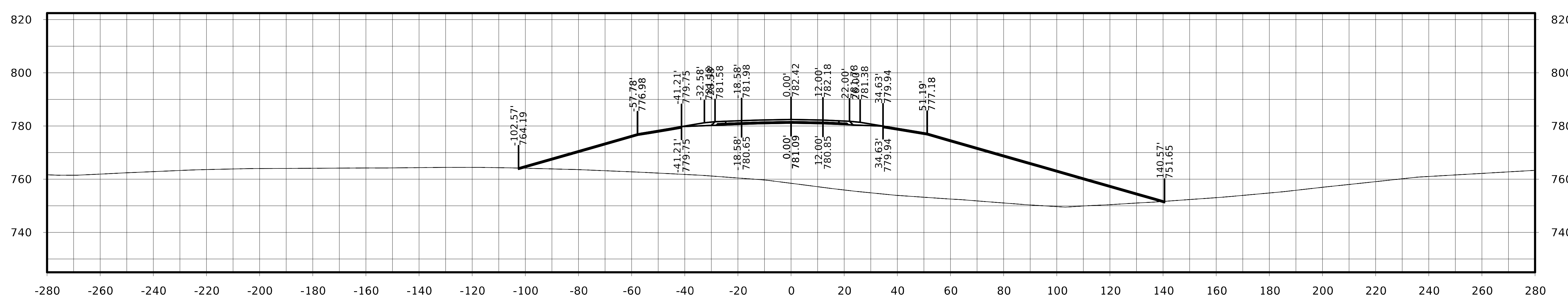
STA. 286+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.282

US 63

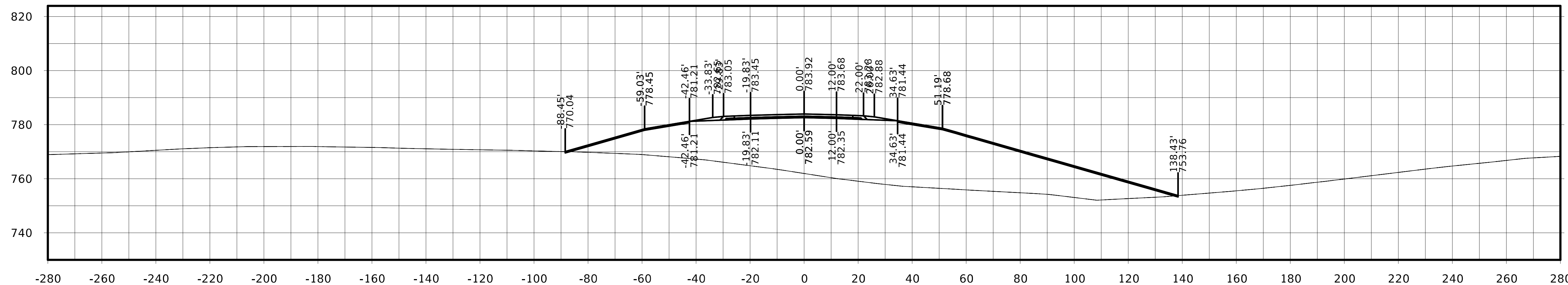


STA. 287+00.00

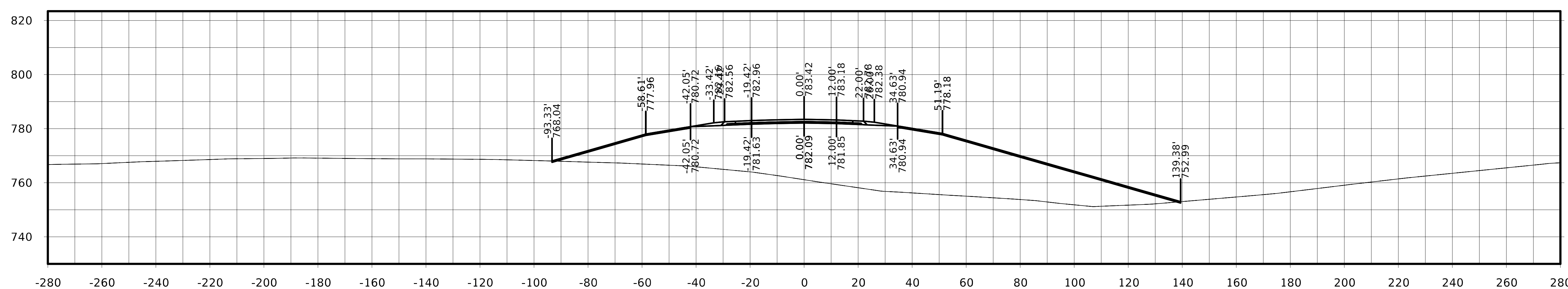


STA. 286+75.00

US 63

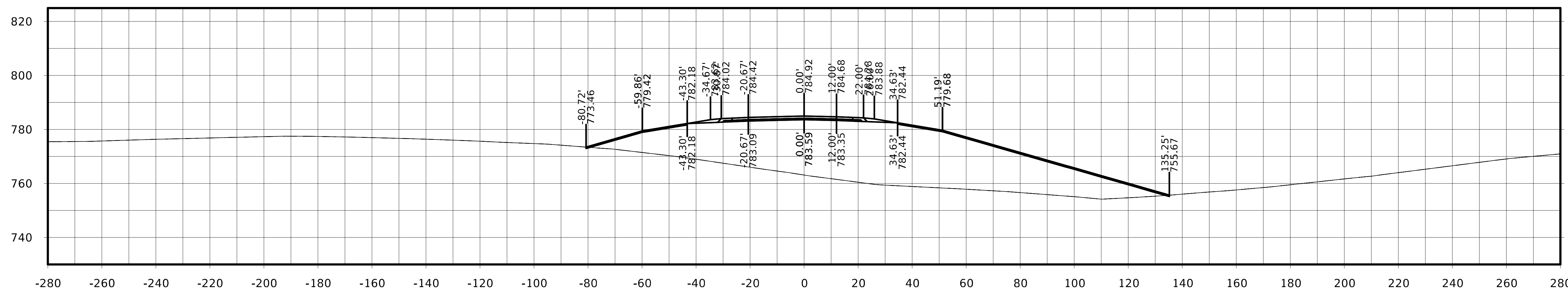


STA. 287+50.00

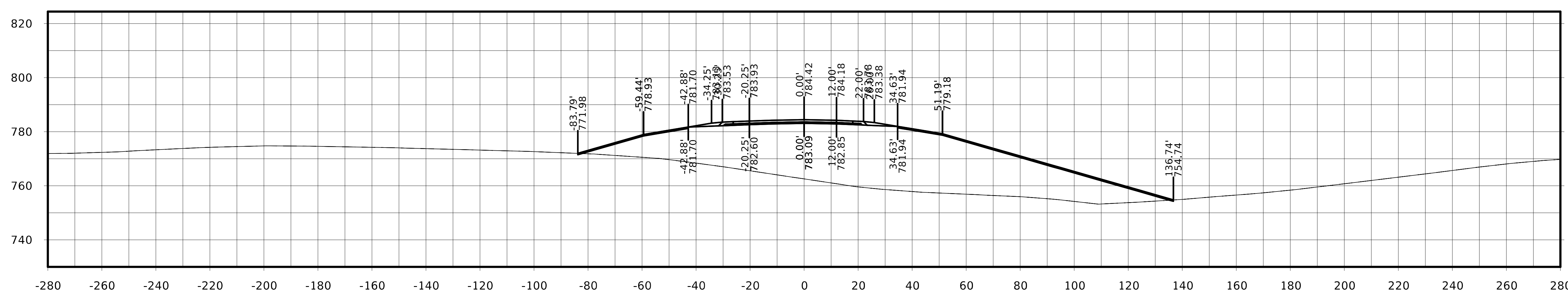


STA. 287+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.284

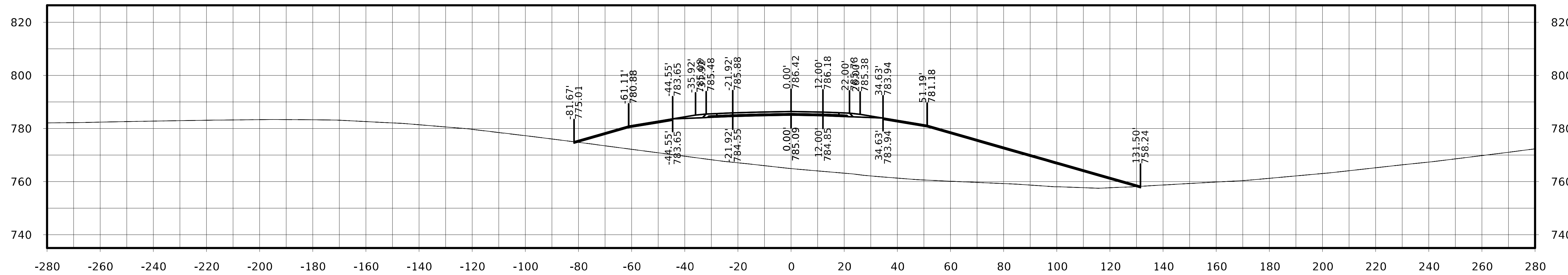


STA. 288+00.00

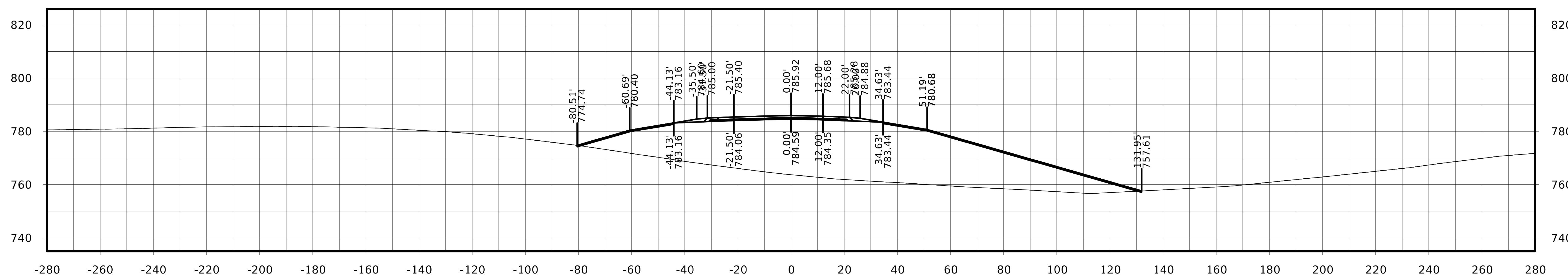


STA. 287+75.00

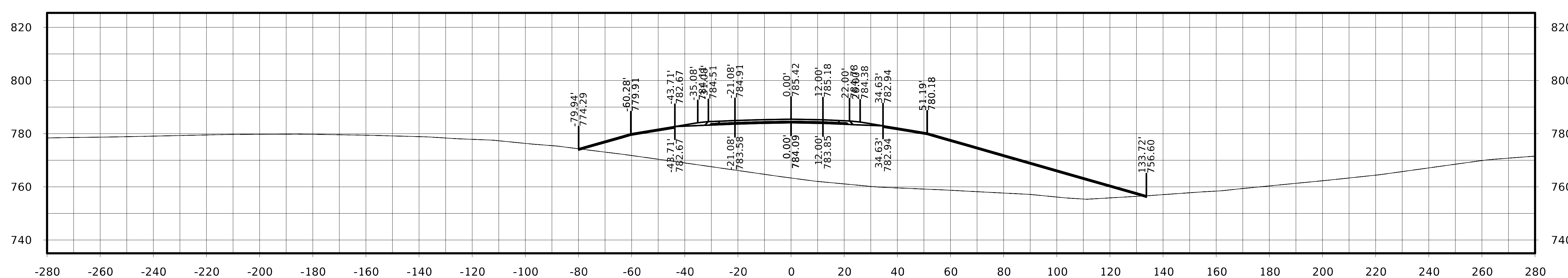
US 63



STA. 288+75.00

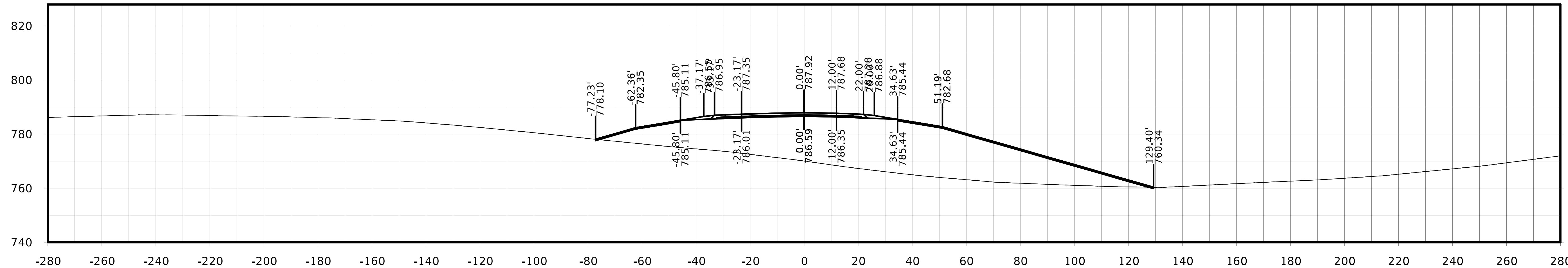


STA. 288+50.00

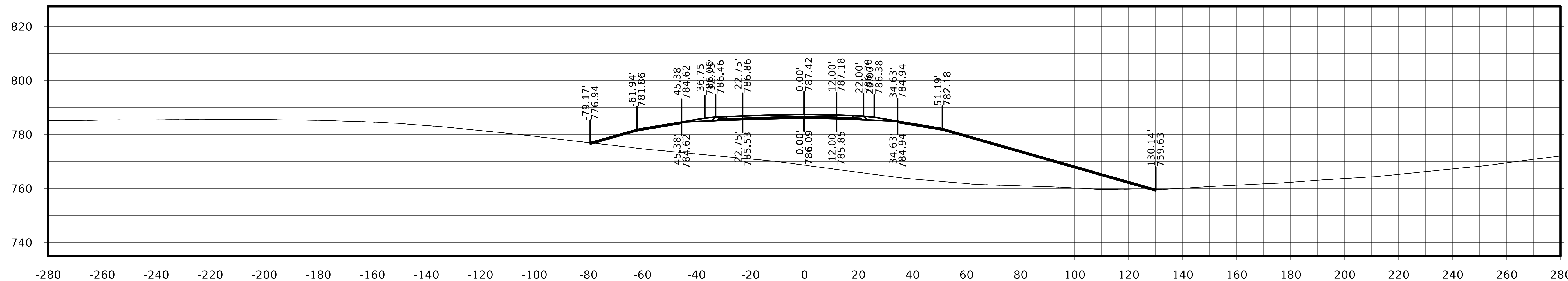


STA. 288+25.00

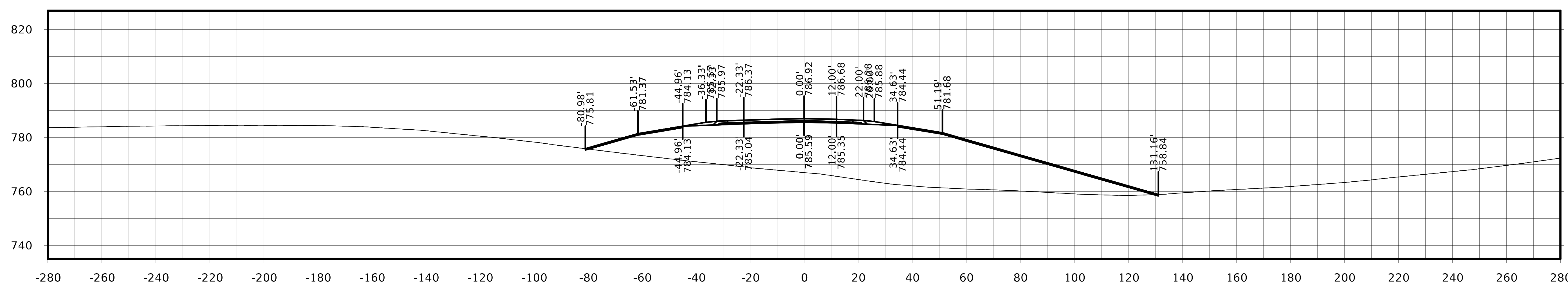
US 63



STA. 289+50.00

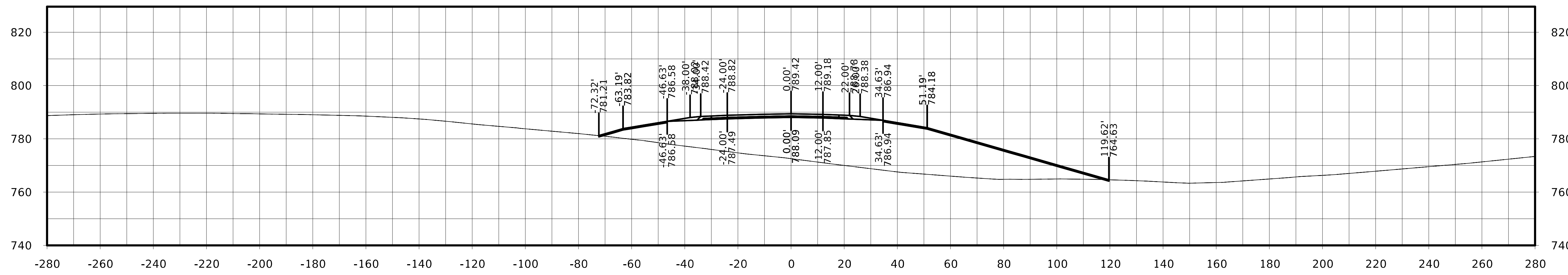


STA. 289+25.00

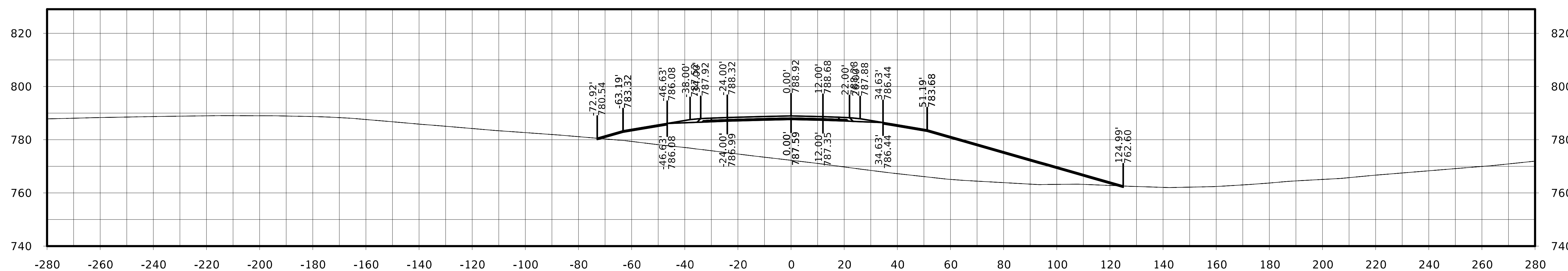


STA. 289+00.00

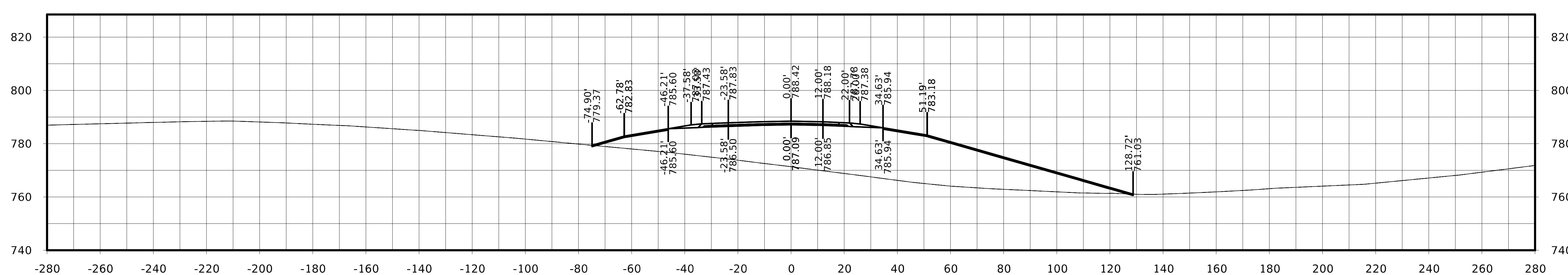
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.287



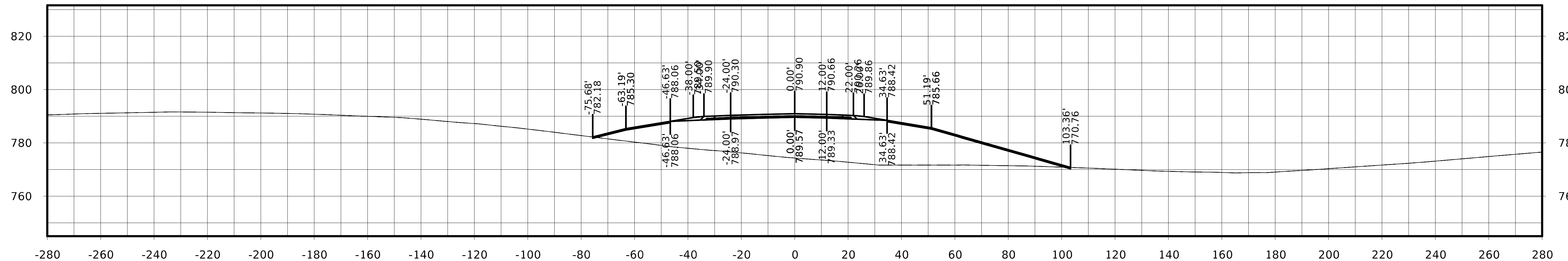
STA. 290+25.00



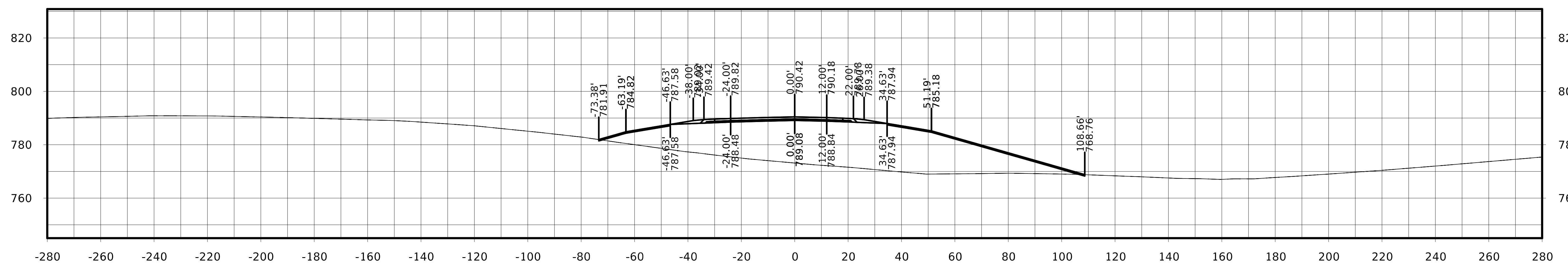
STA. 290+00.00



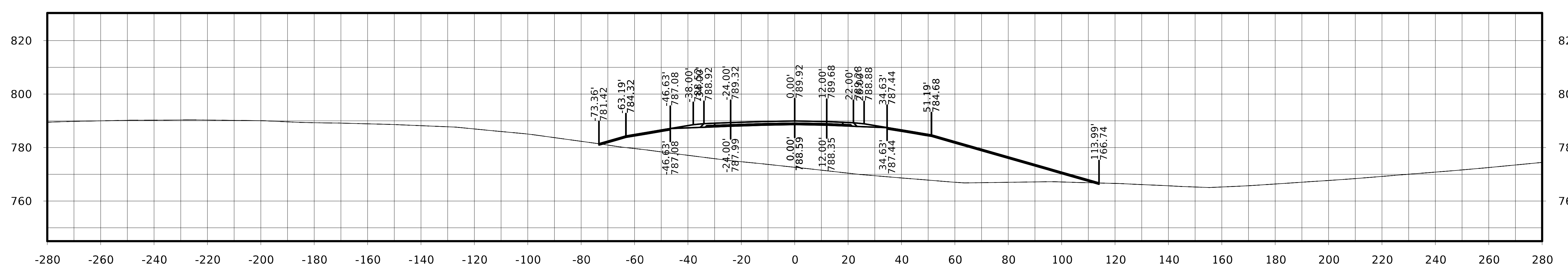
STA. 289+75.00



STA. 291+00.00

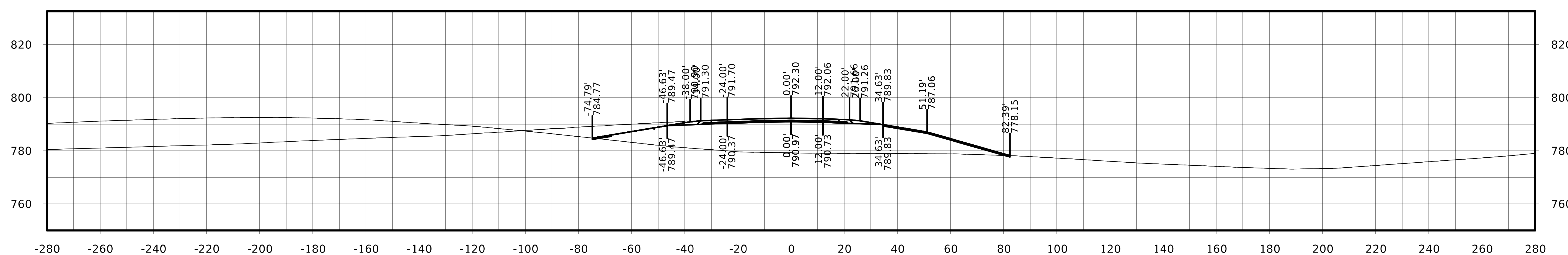


STA. 290+75.00

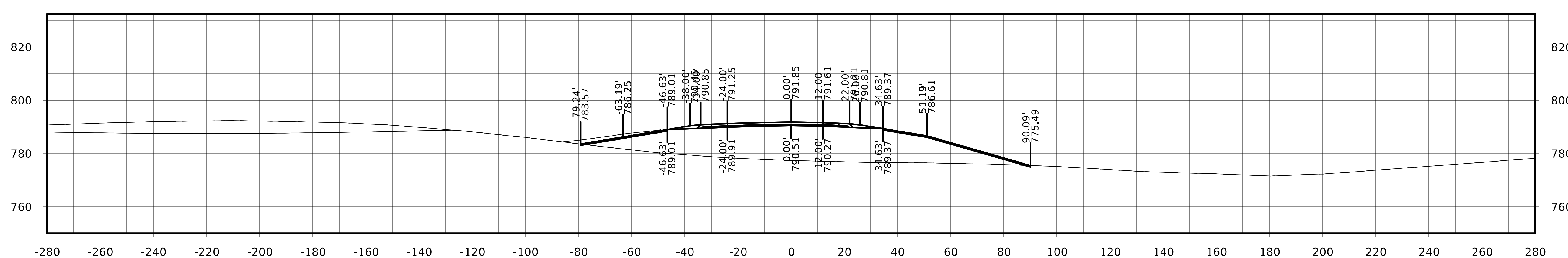


STA. 290+50.00

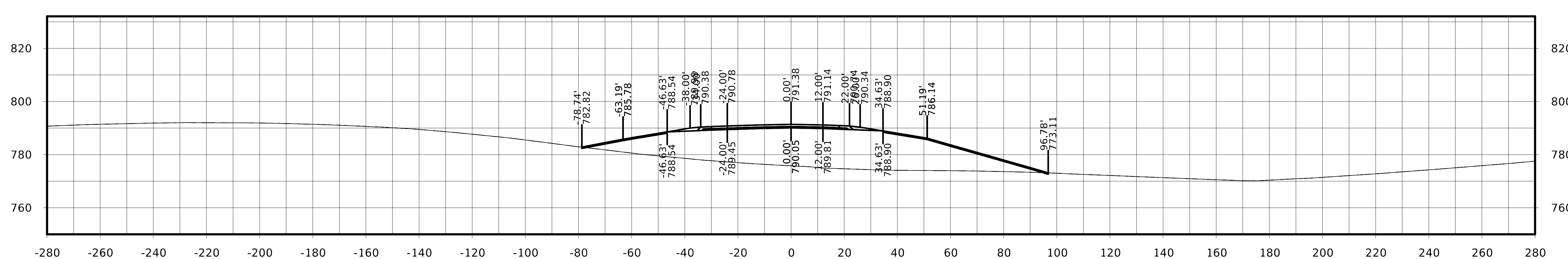
US 63



STA. 291+75.00

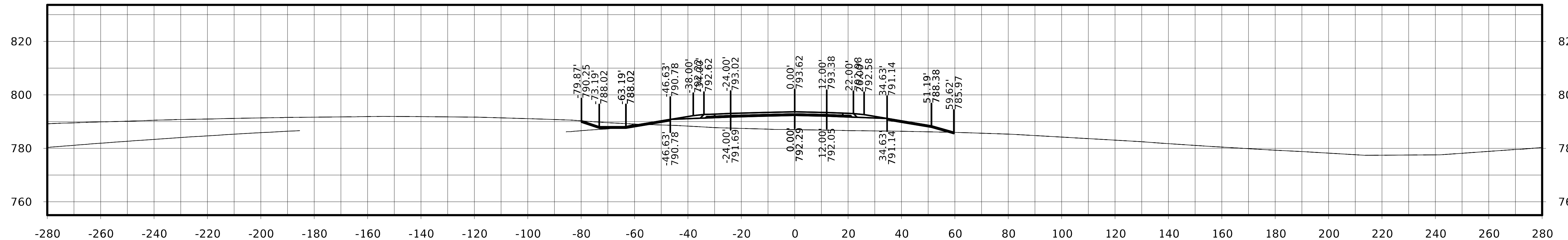


STA. 291+50.00

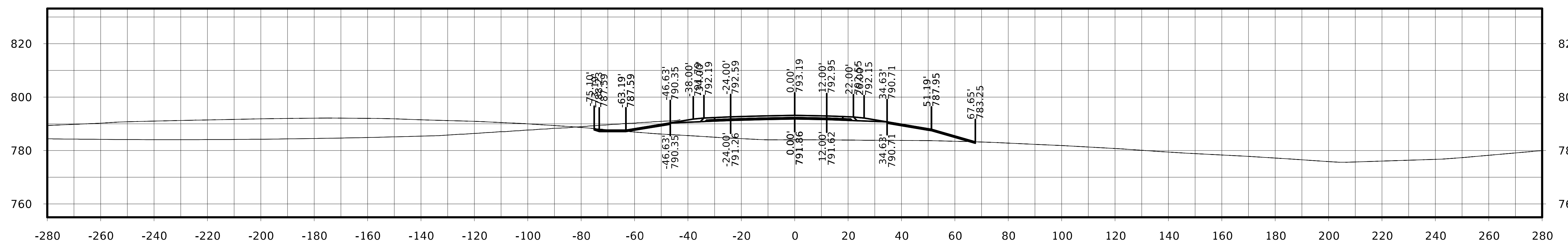


STA. 291+25.00

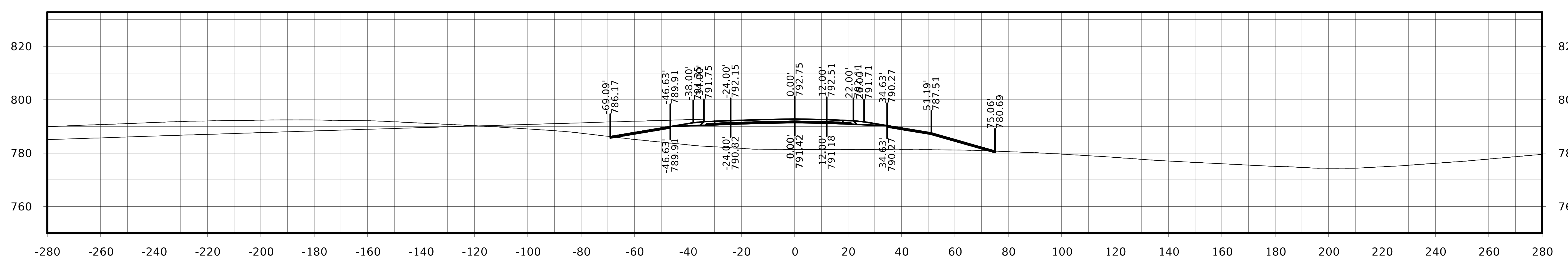
US 63



STA. 292+50.00

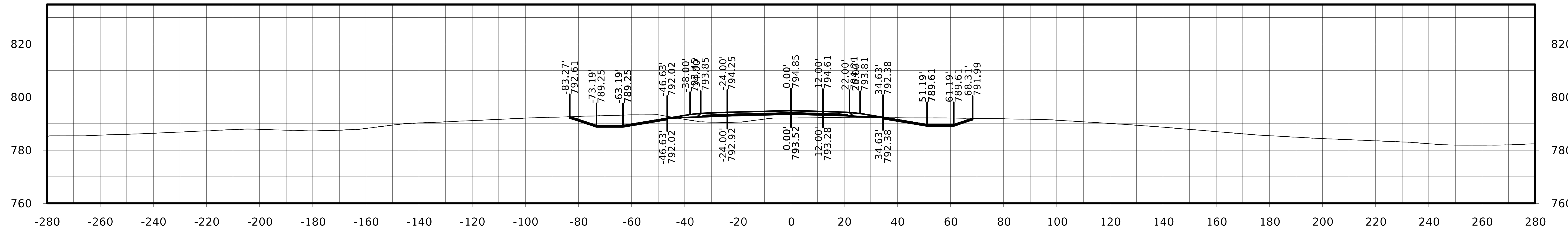


STA. 292+25.00

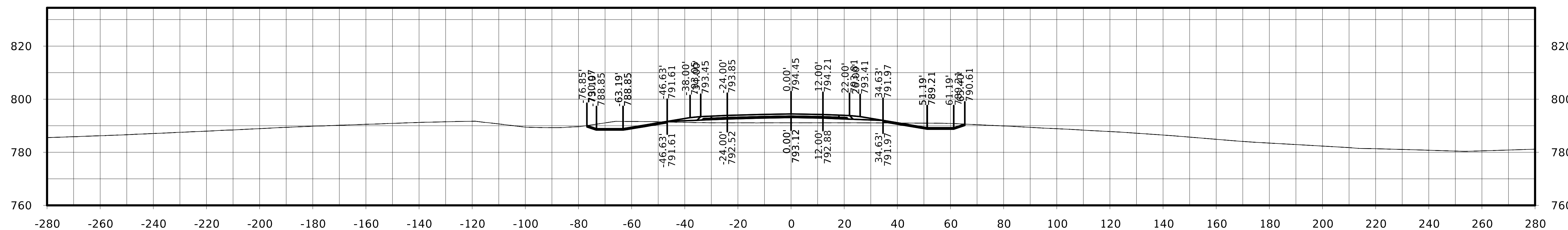


STA. 292+00.00

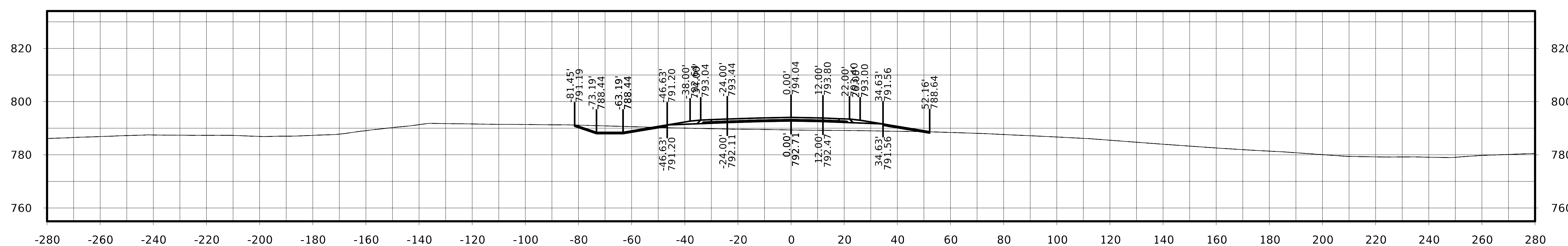
US 63



STA. 293+25.00



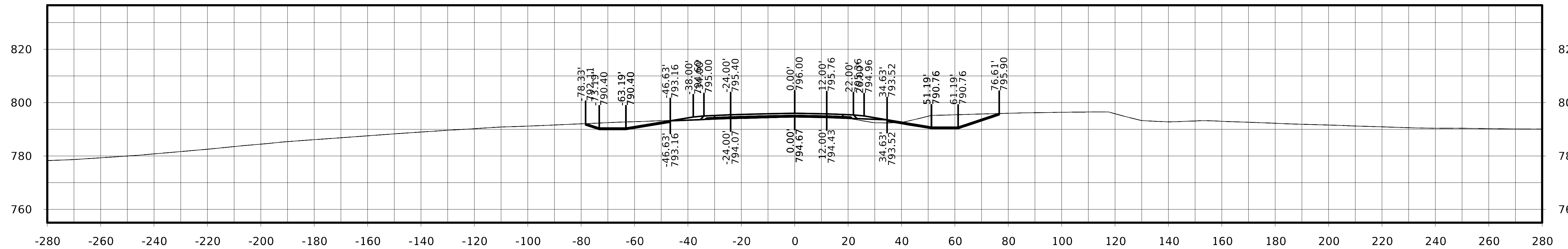
STA. 293+00.00



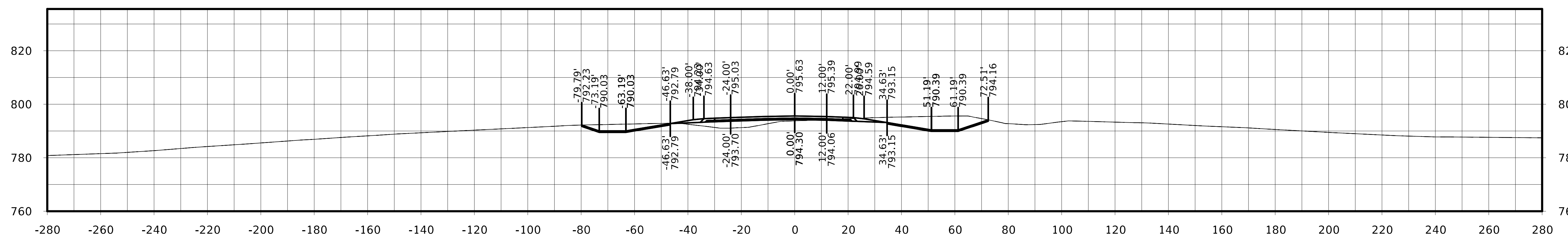
STA. 292+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.292

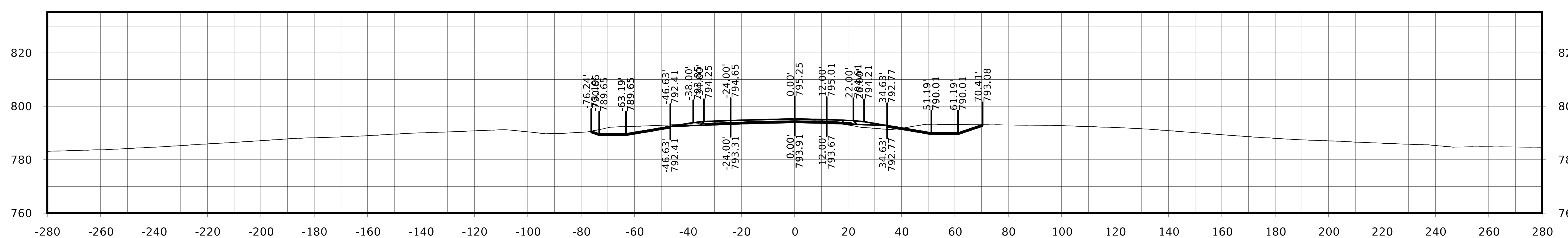
US 63



STA. 294+00.00



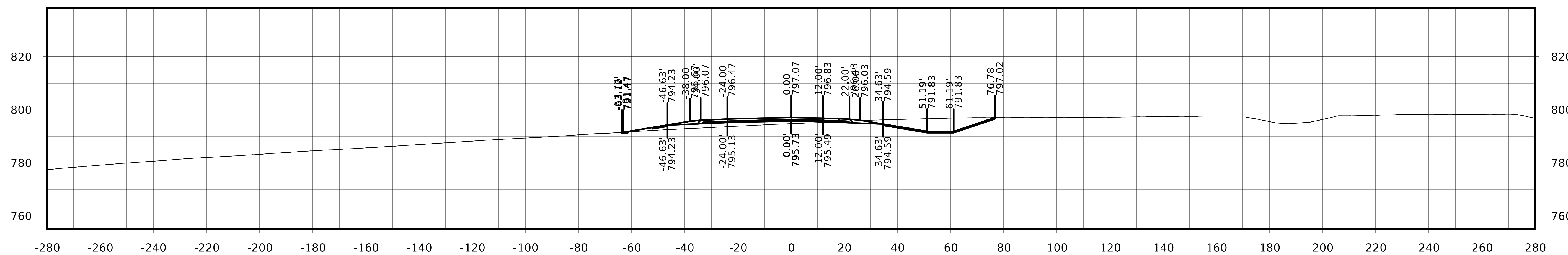
STA. 293+75.00



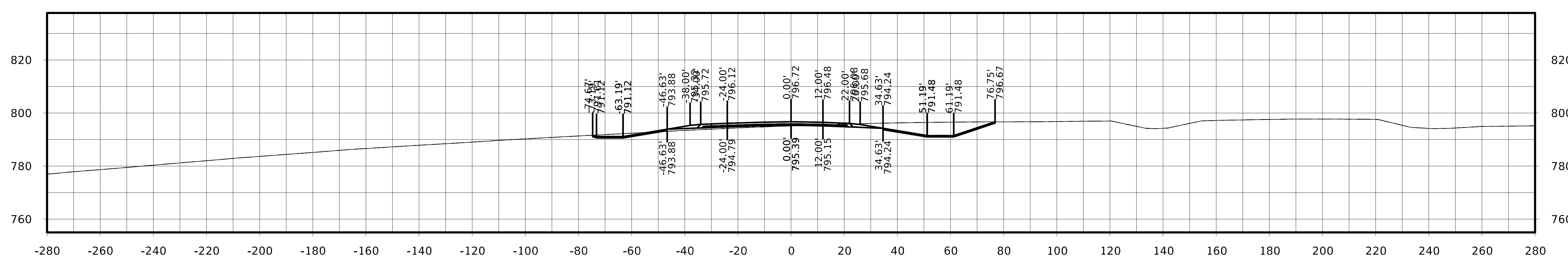
STA. 293+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.293

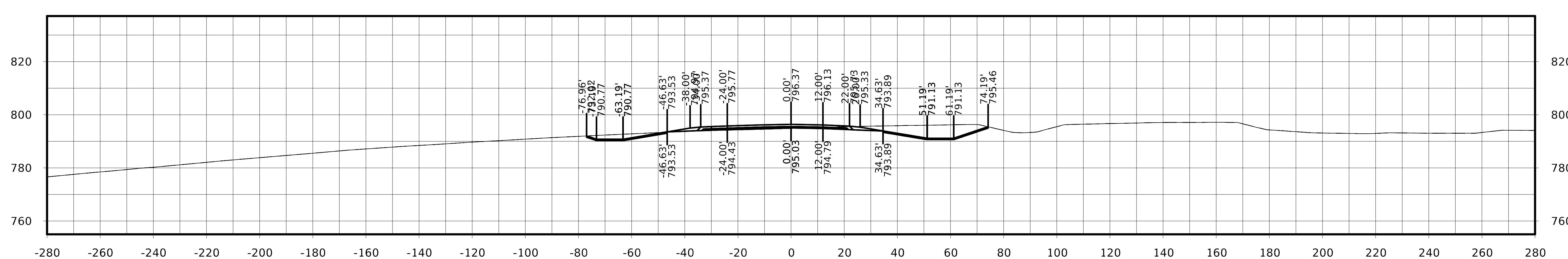
US 63



STA. 294+75.00

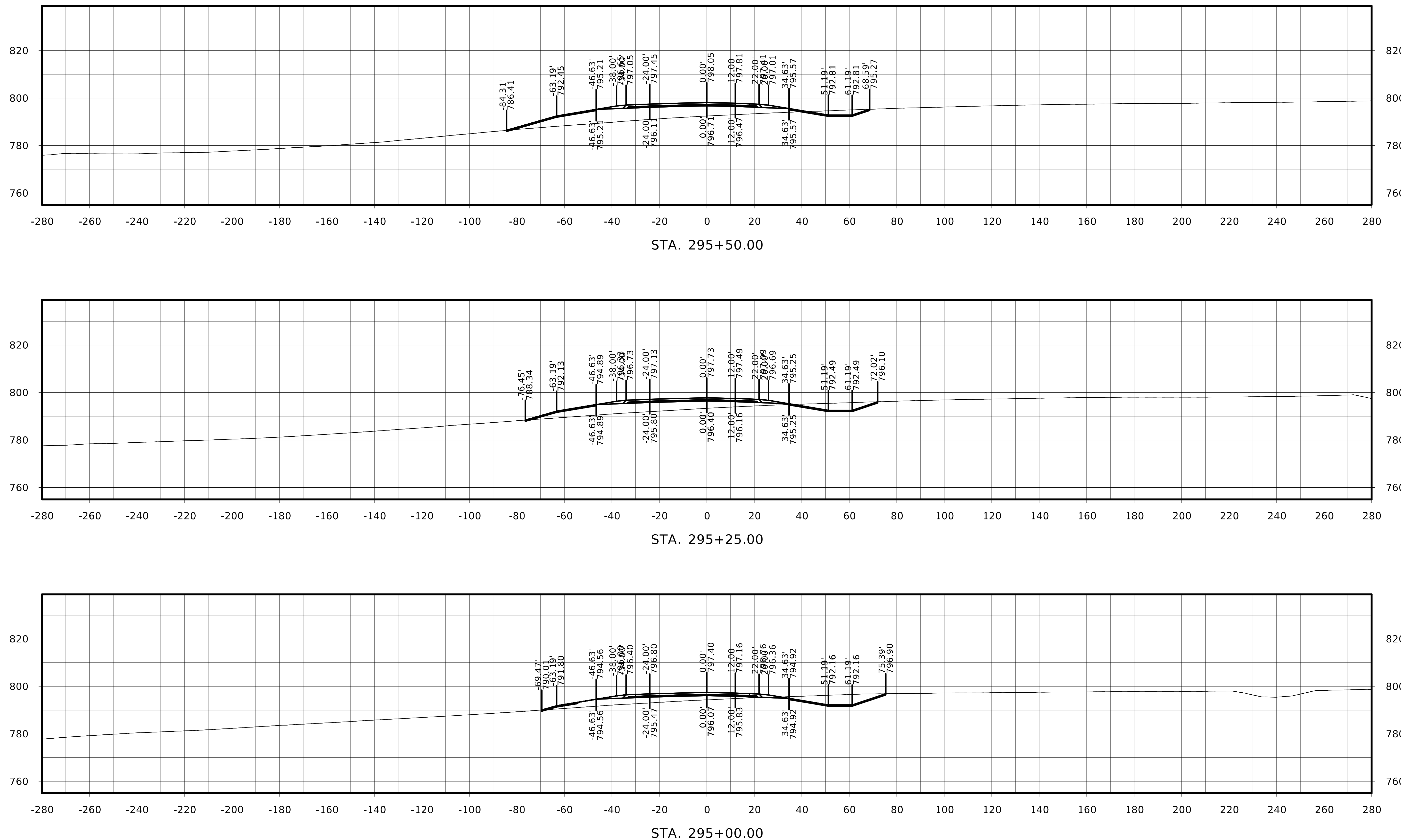


STA. 294+50.00



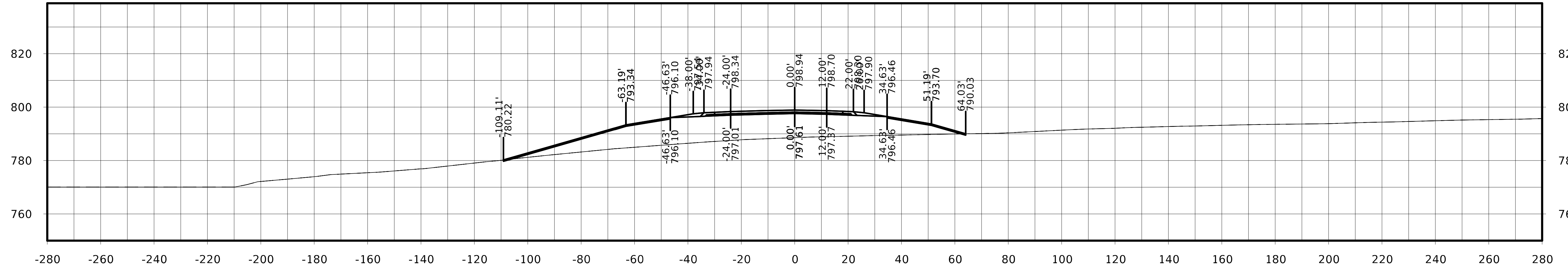
STA. 294+25.00

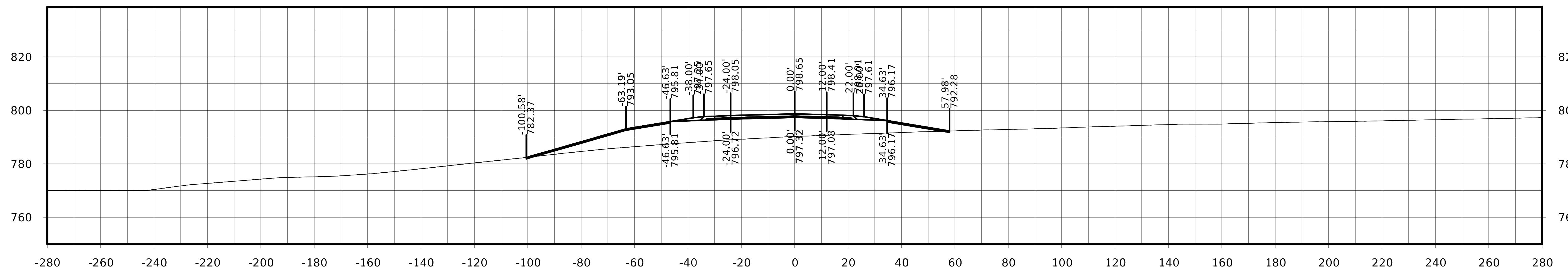
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.294

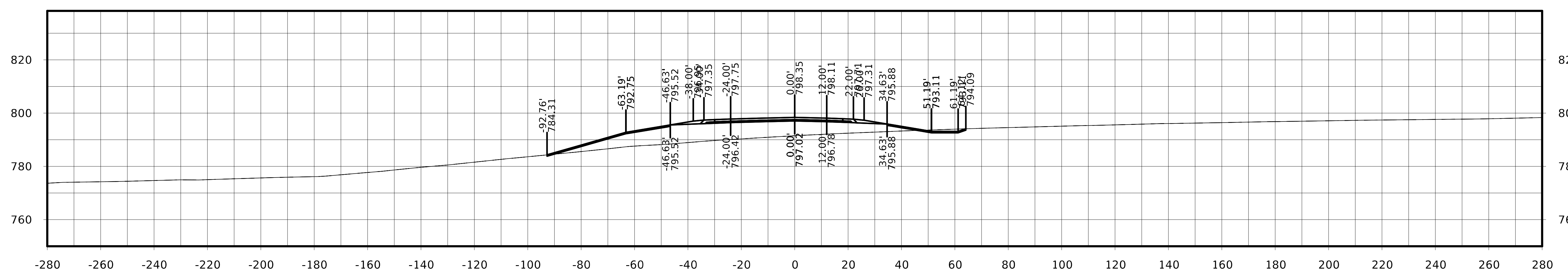


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.295

US 63

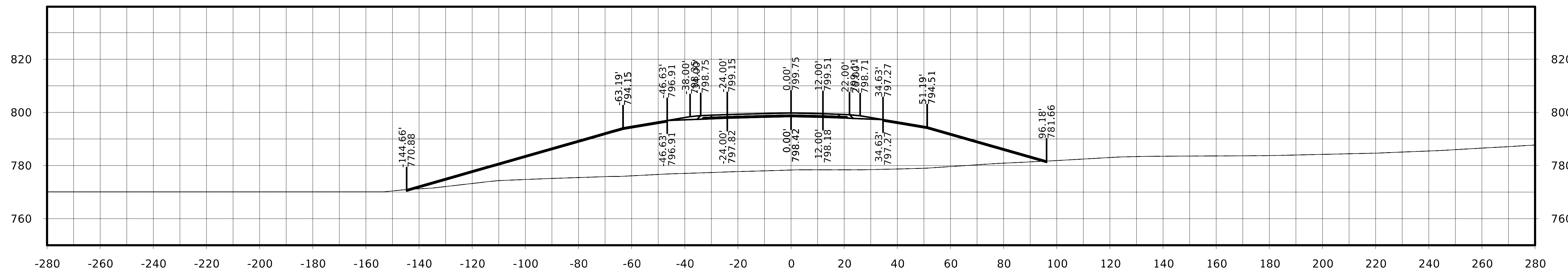

STA. 296+25.00


STA. 296+00.00

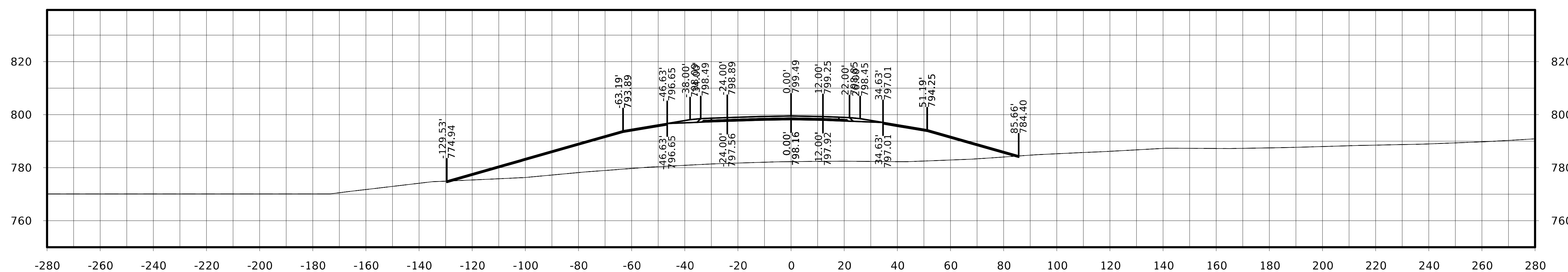

STA. 295+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.296

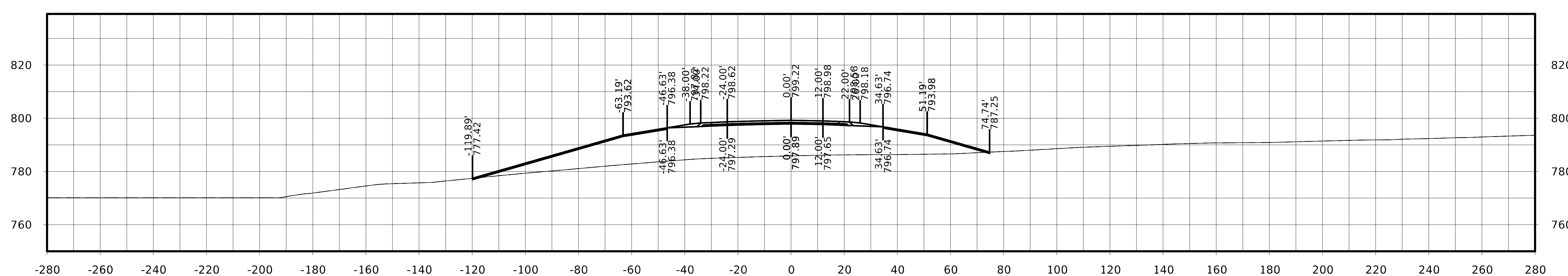
US 63



STA. 297+00.00

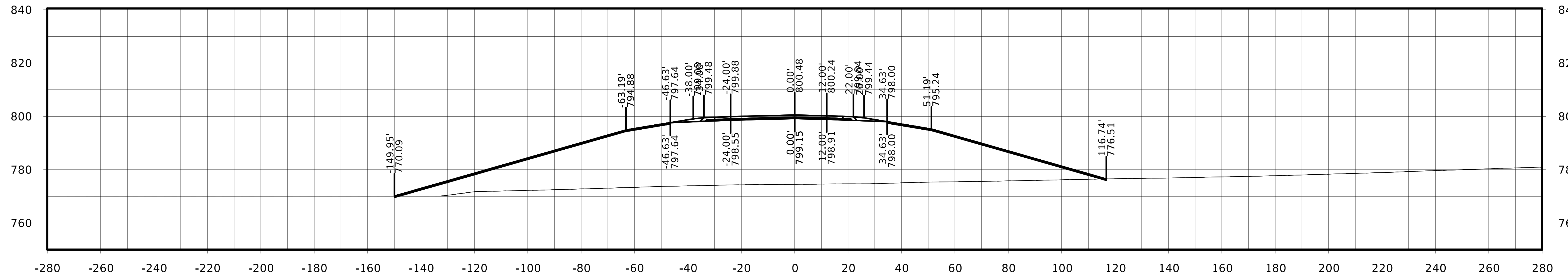


STA. 296+75.00

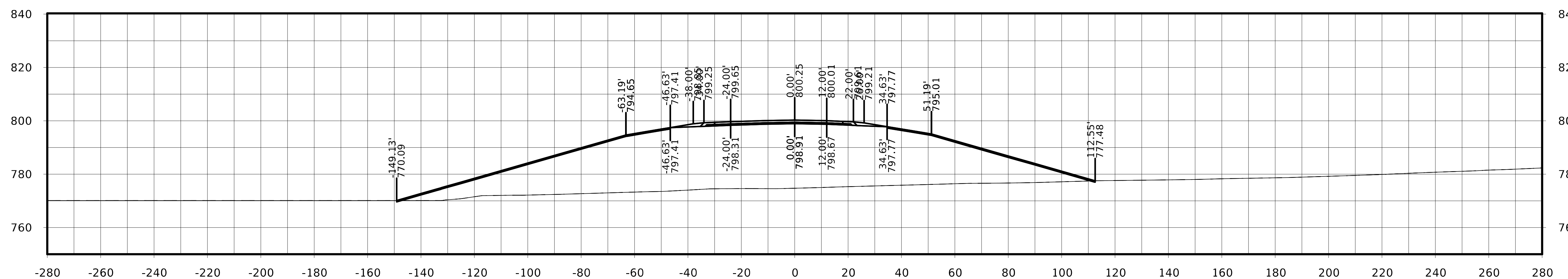


STA. 296+50.00

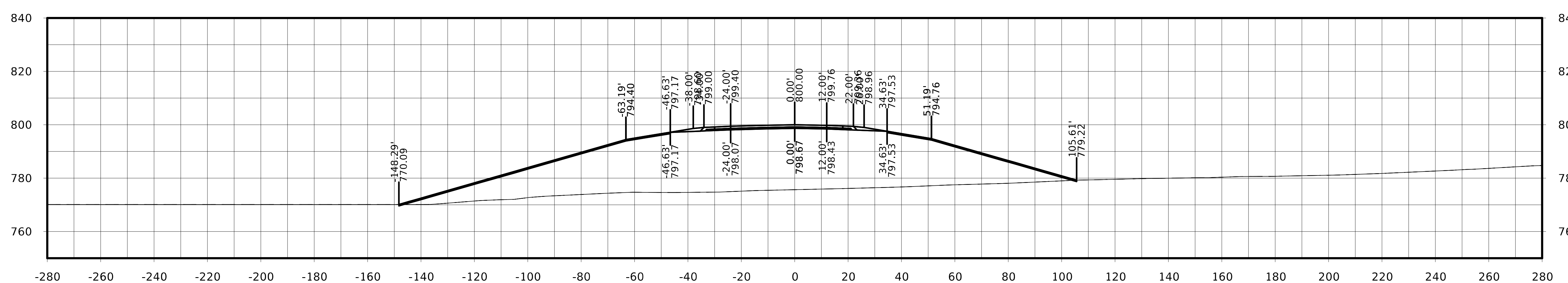
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.297



STA. 297+75.00

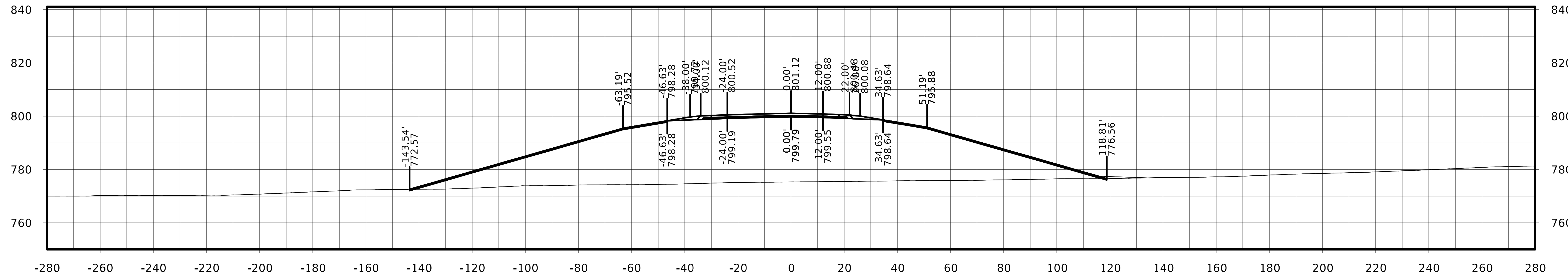


STA. 297+50.00

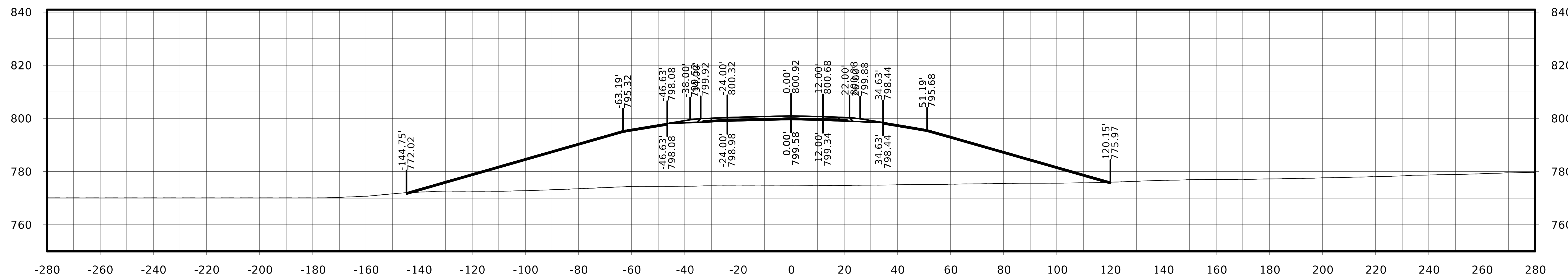


STA. 297+25.00

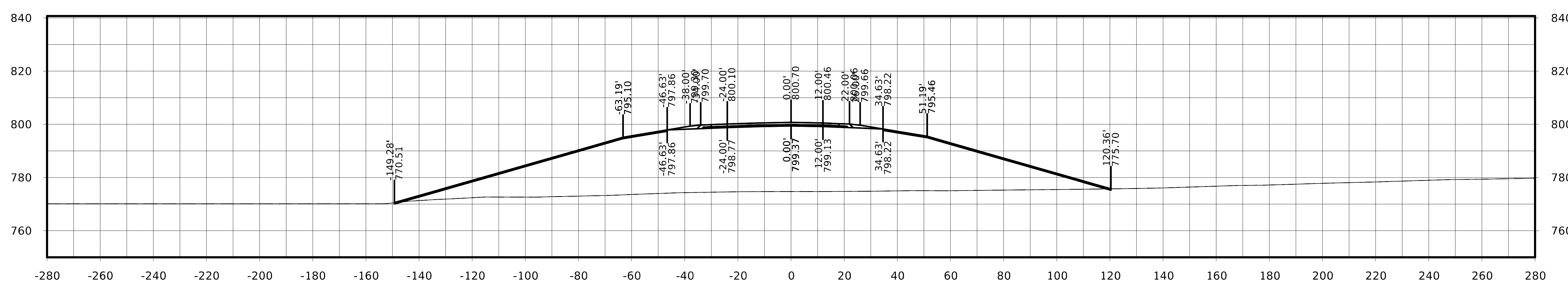
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.298	



STA. 298+50.00

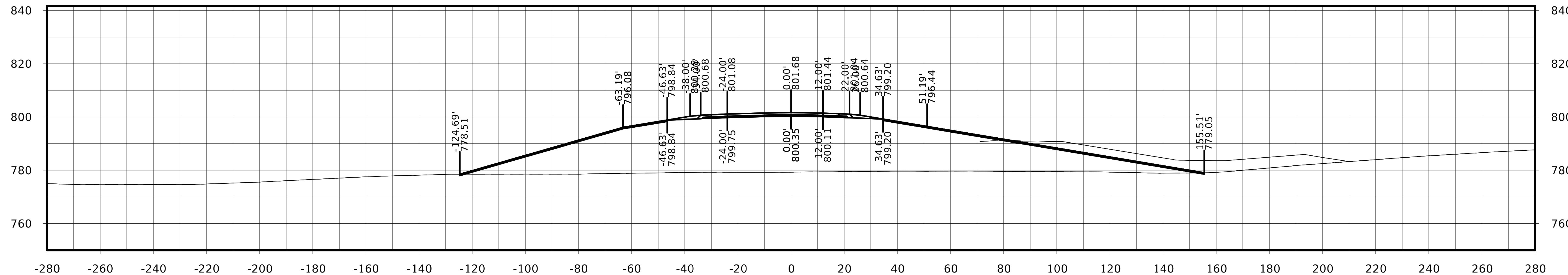


STA. 298+25.00

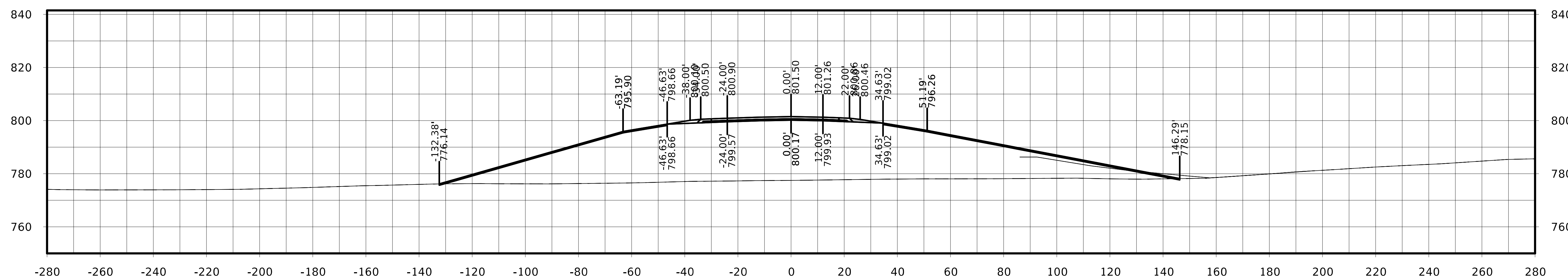


STA. 298+00.00

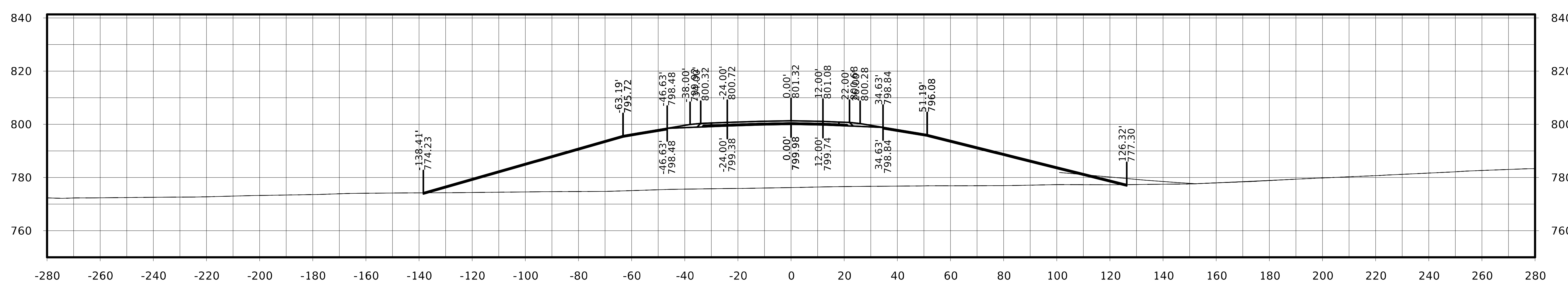
US 63



STA. 299+25.00



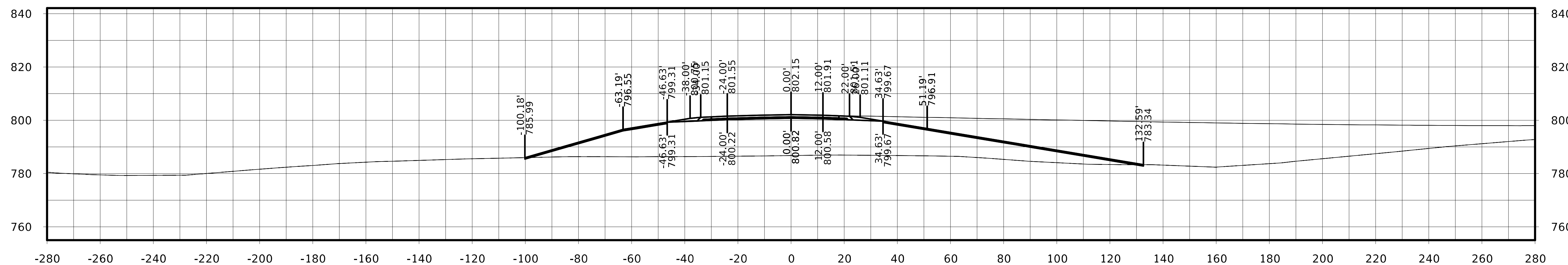
STA. 299+00.00



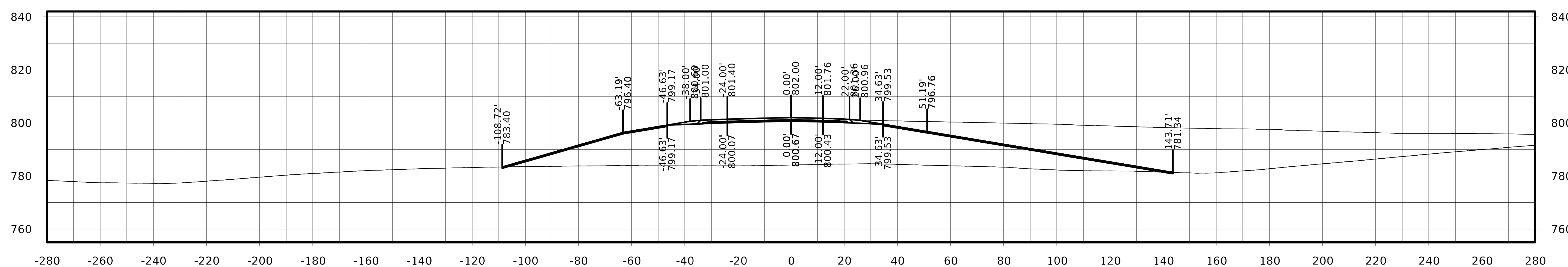
STA. 298+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.300

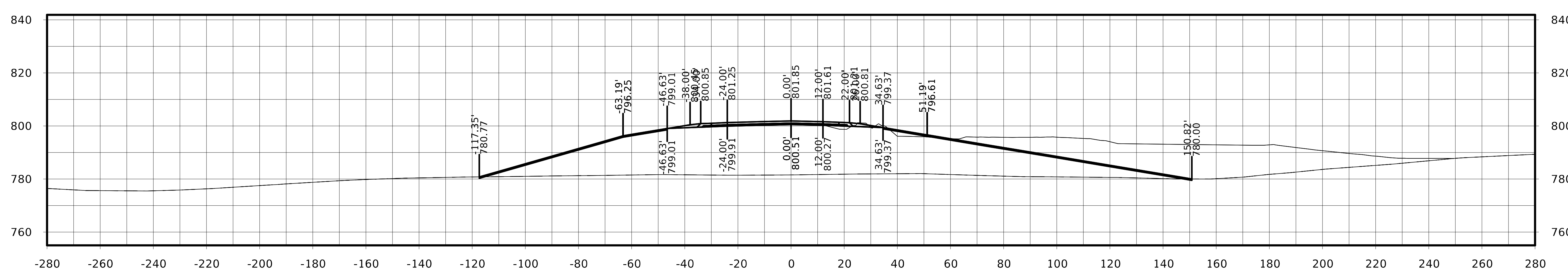
US 63



STA. 300+00.00



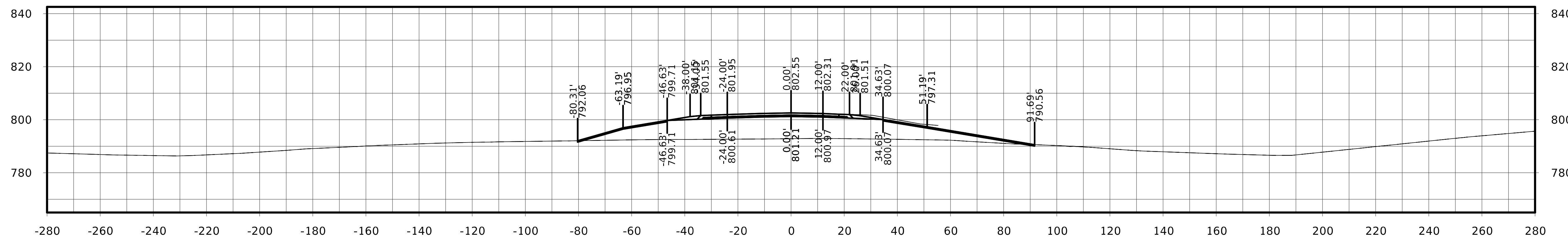
STA. 299+75.00



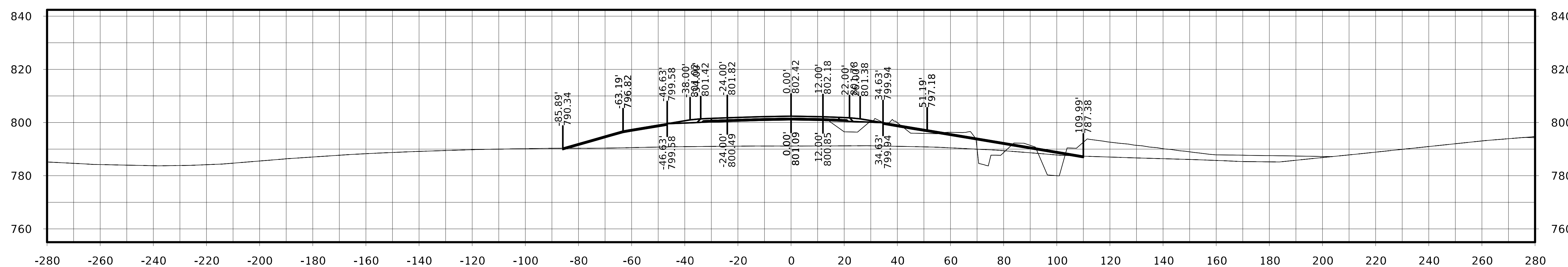
STA. 299+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.301

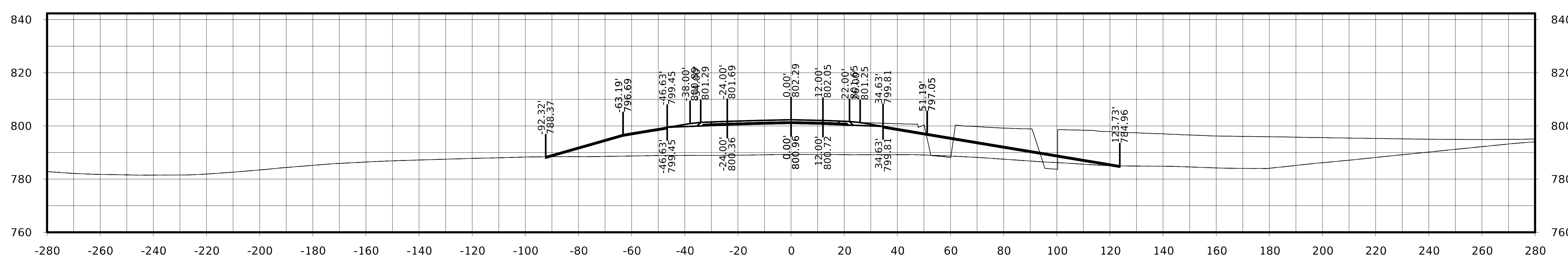
US 63



STA. 300+75.00



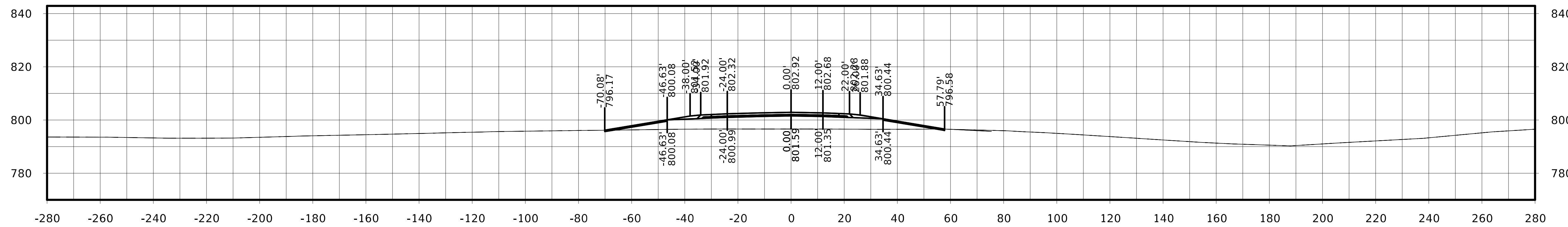
STA. 300+50.00



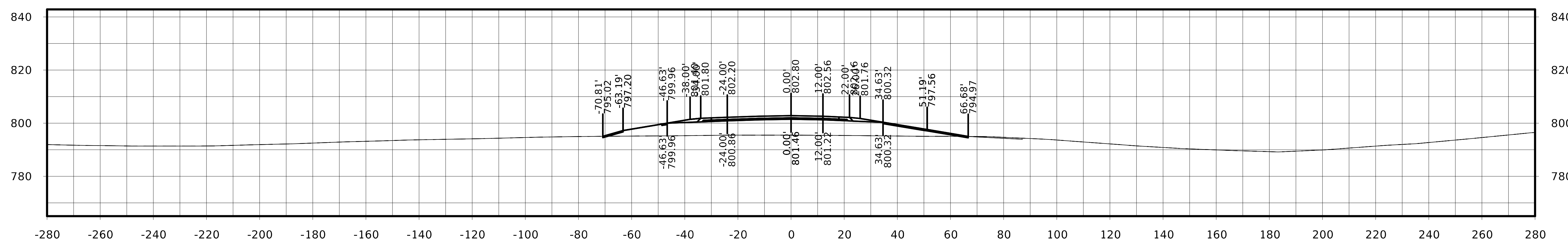
STA. 300+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.302

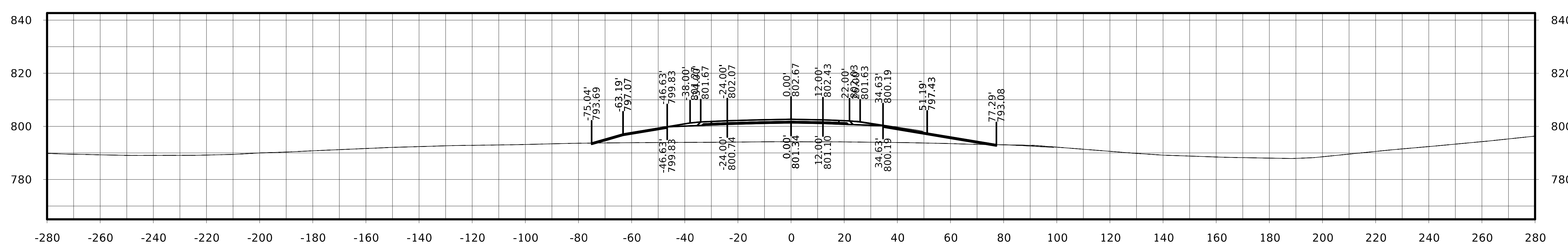
US 63



STA. 301+50.00



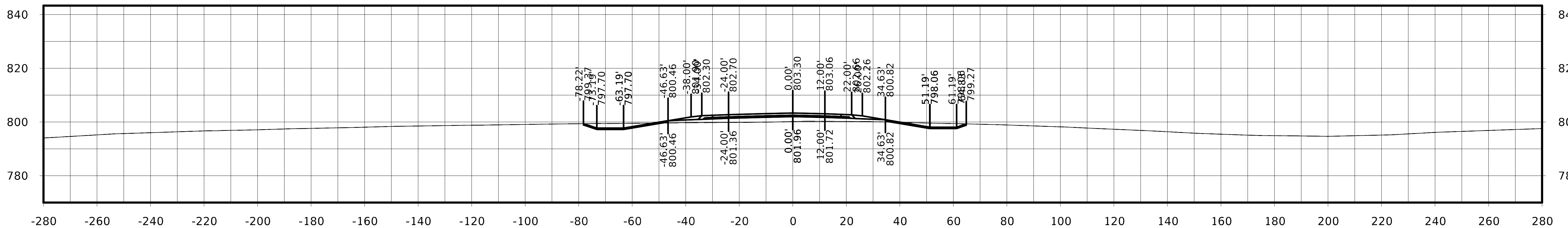
STA. 301+25.00



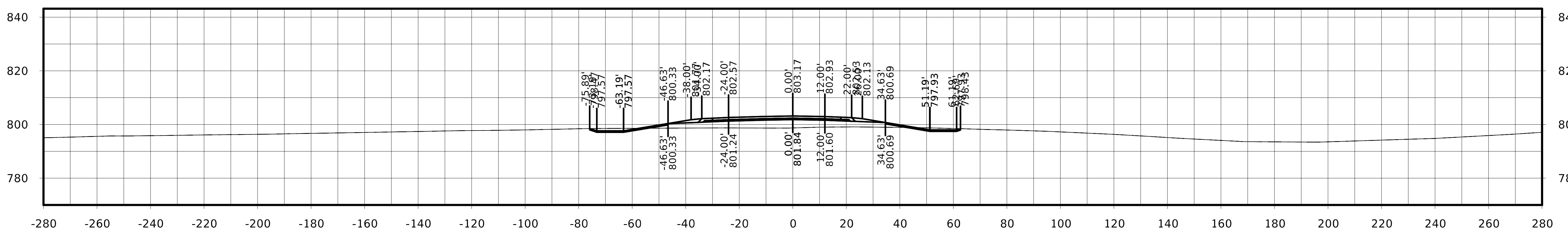
STA. 301+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.303

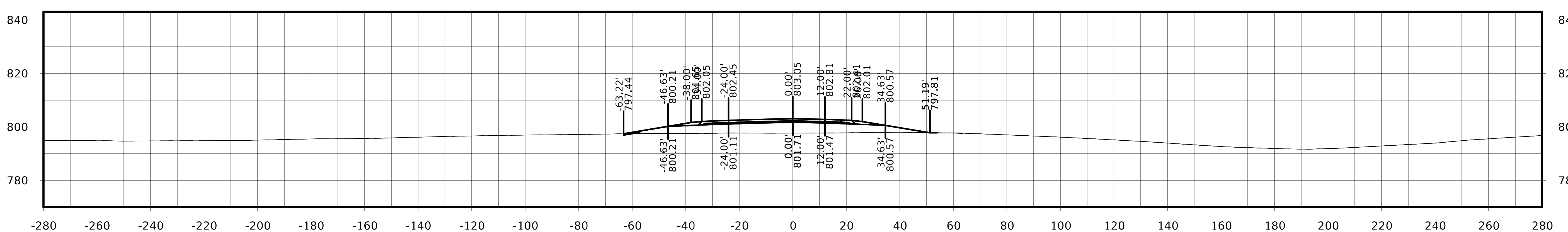
US 63



STA. 302+25.00



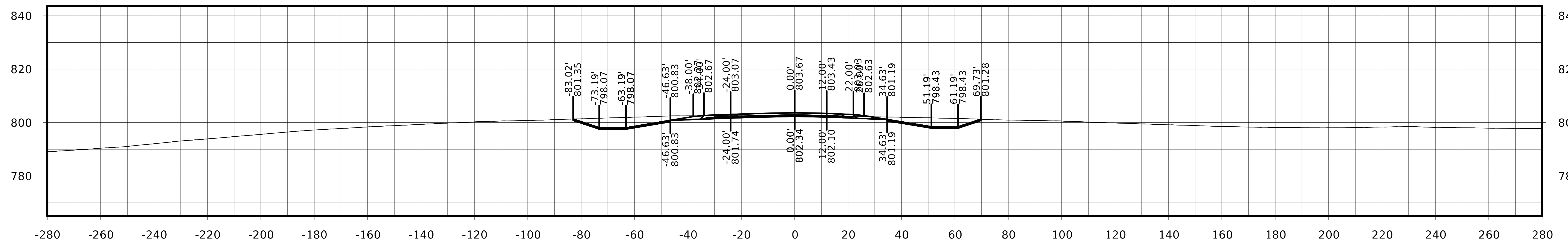
STA. 302+00.00



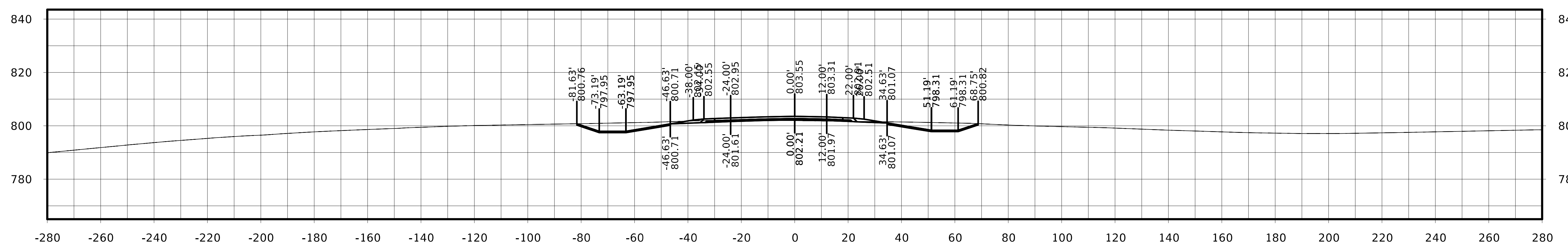
STA. 301+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.304

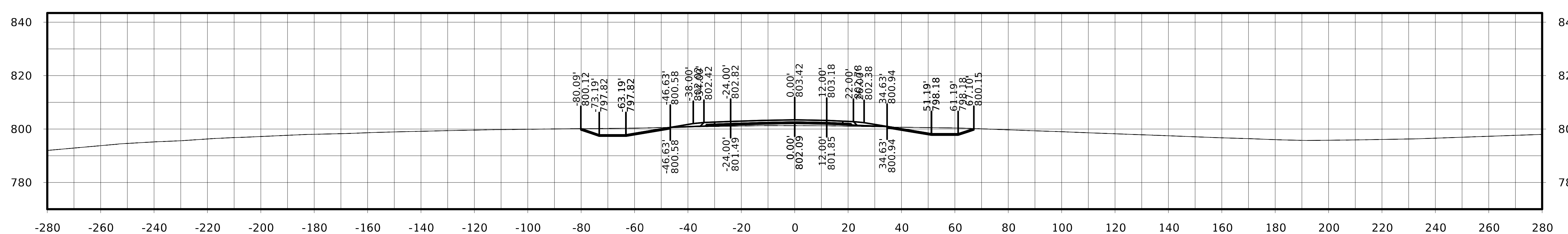
US 63



STA. 303+00.00



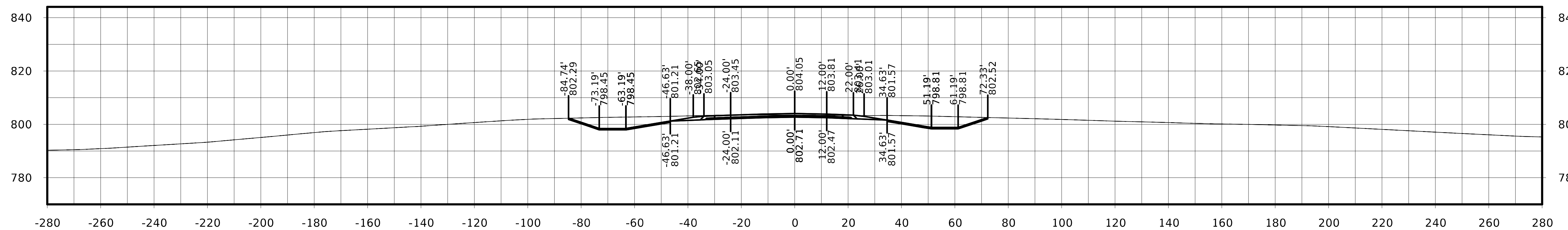
STA. 302+75.00



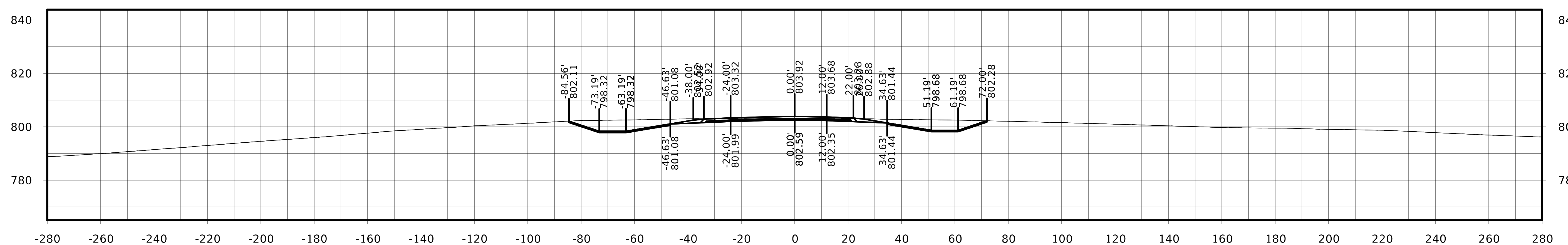
STA. 302+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.305

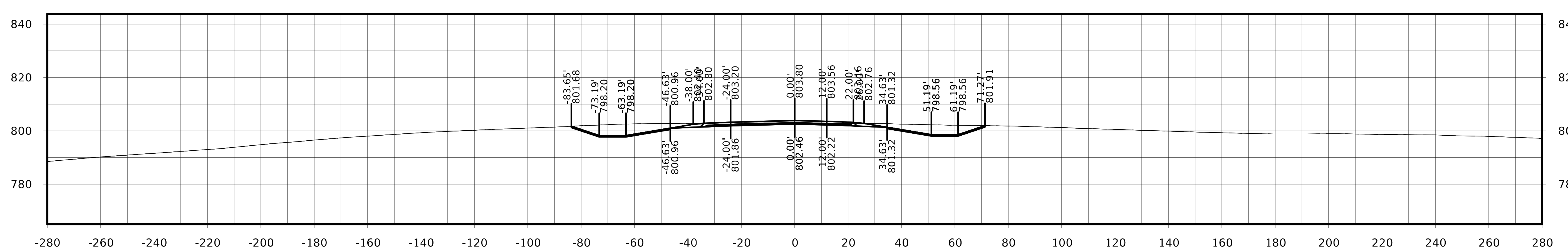
US 63



STA. 303+75.00



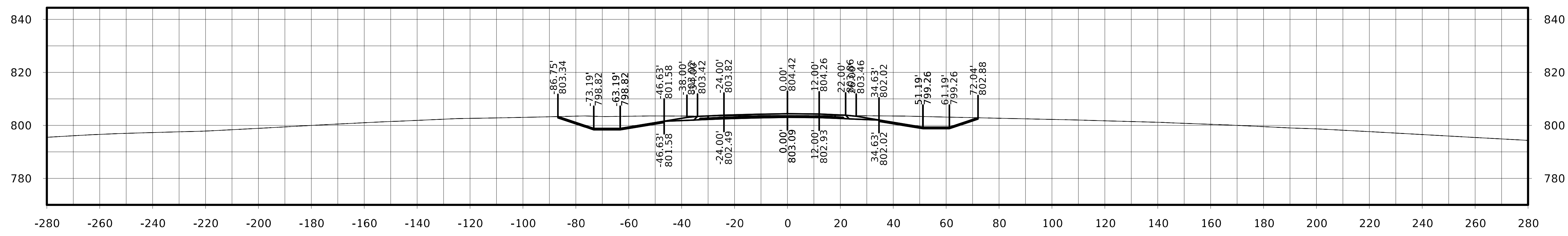
STA. 303+50.00

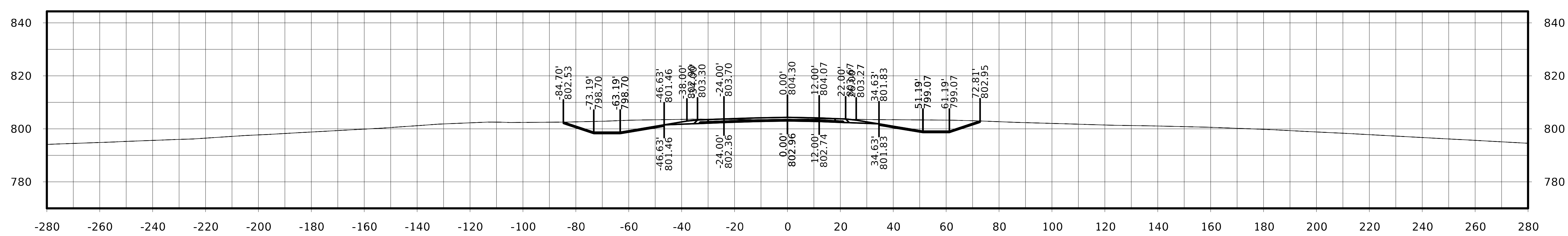


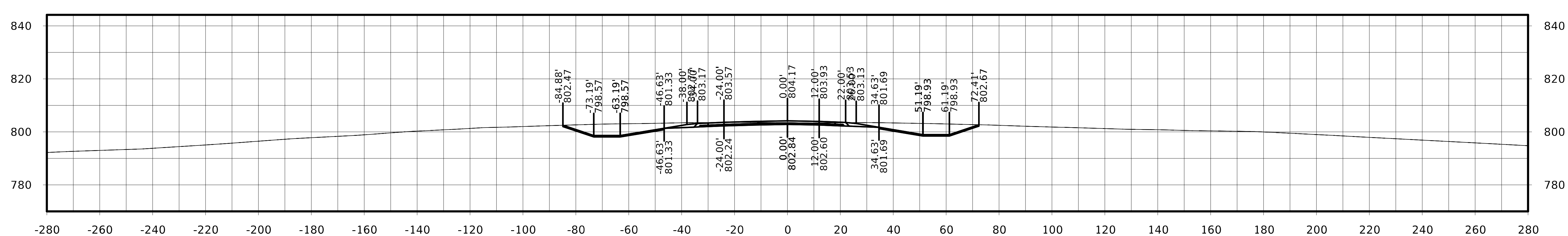
STA. 303+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.306

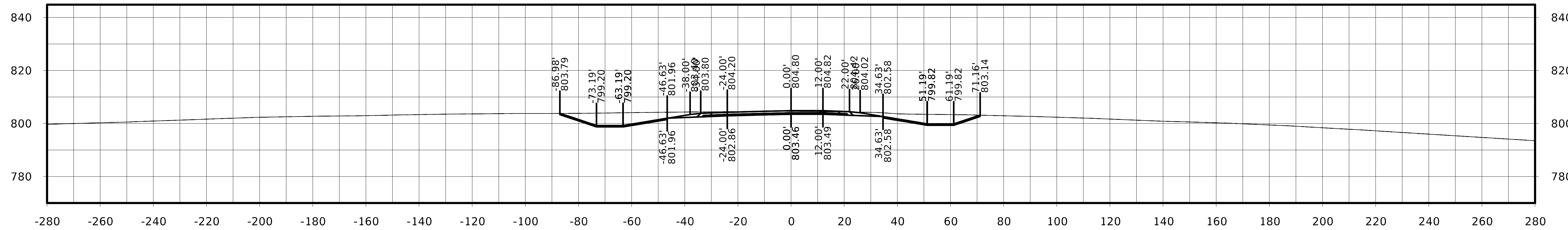
US 63



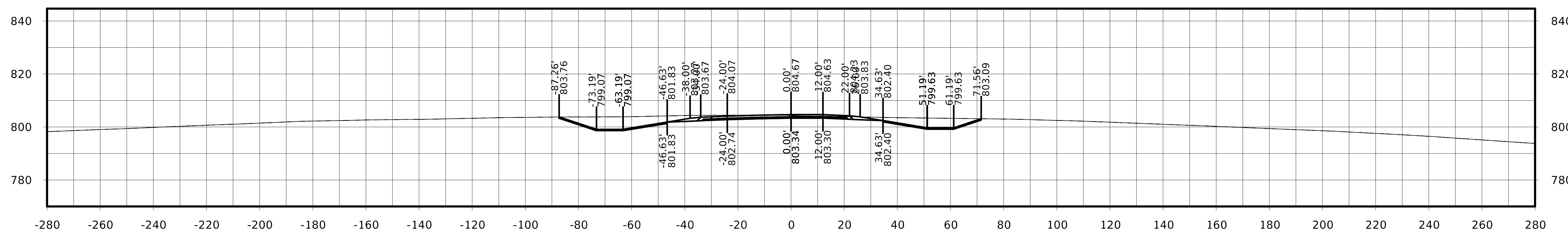




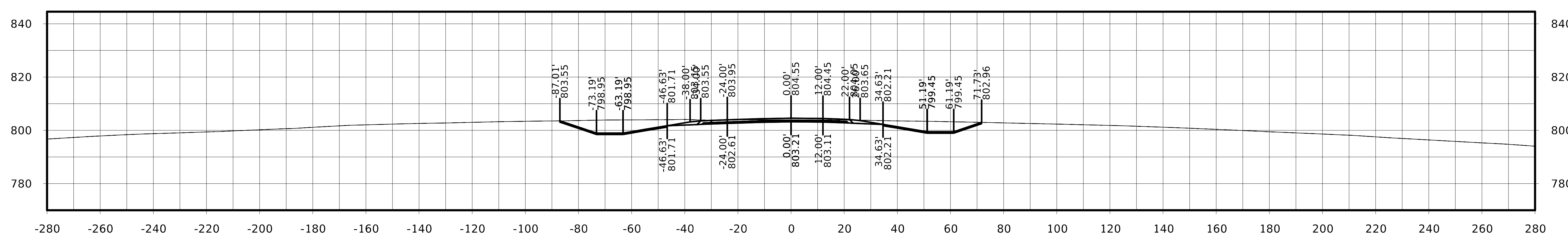
US 63



STA. 305+25.00



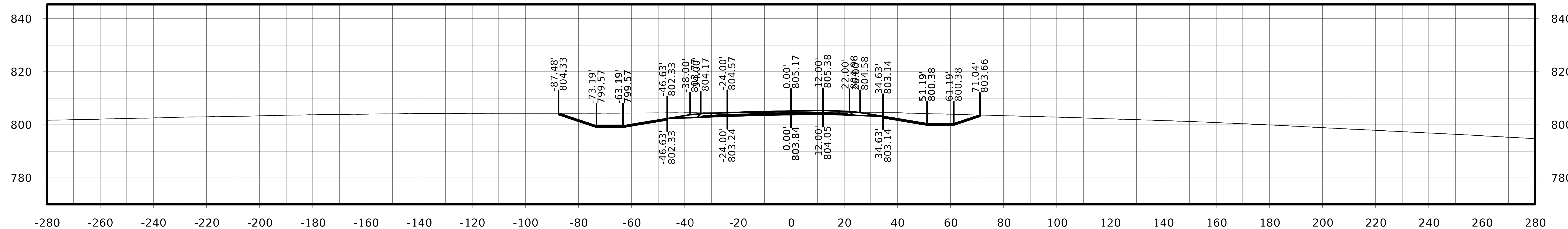
STA. 305+00.00



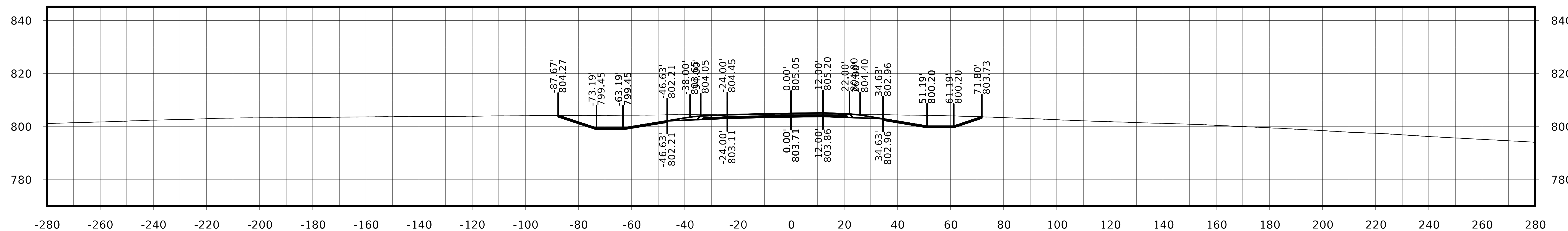
STA. 304+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.308

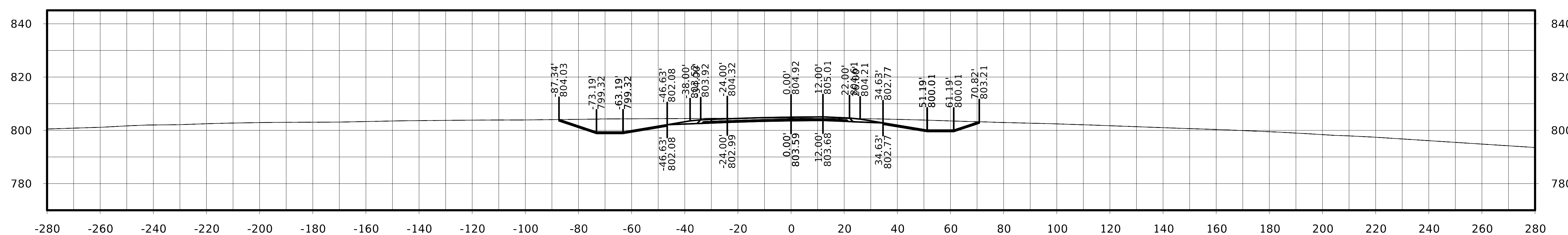
US 63



STA. 306+00.00

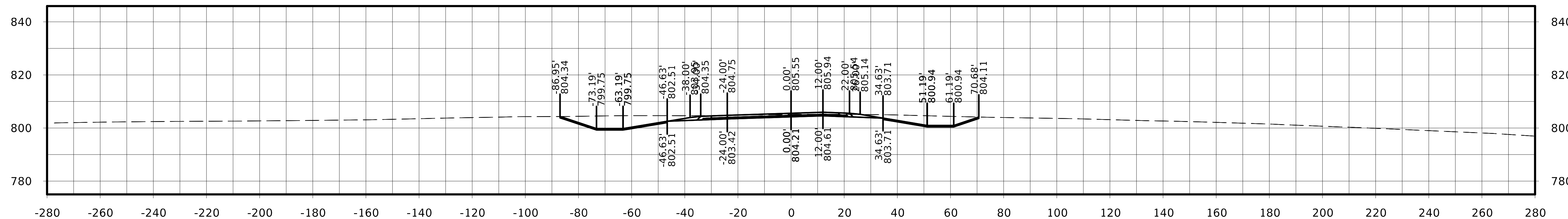


STA. 305+75.00

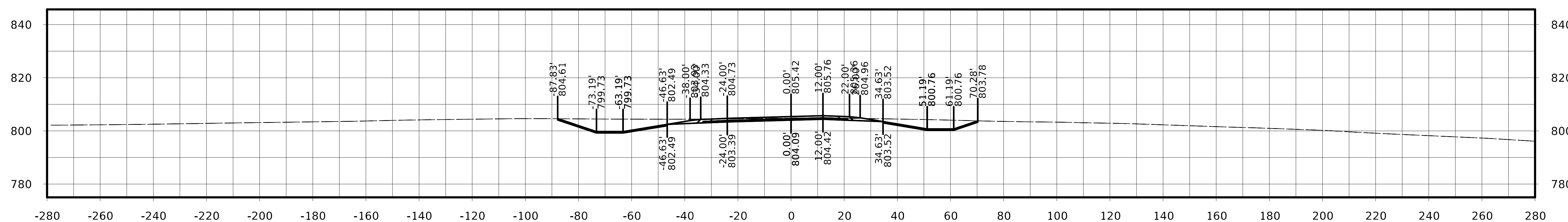


STA. 305+50.00

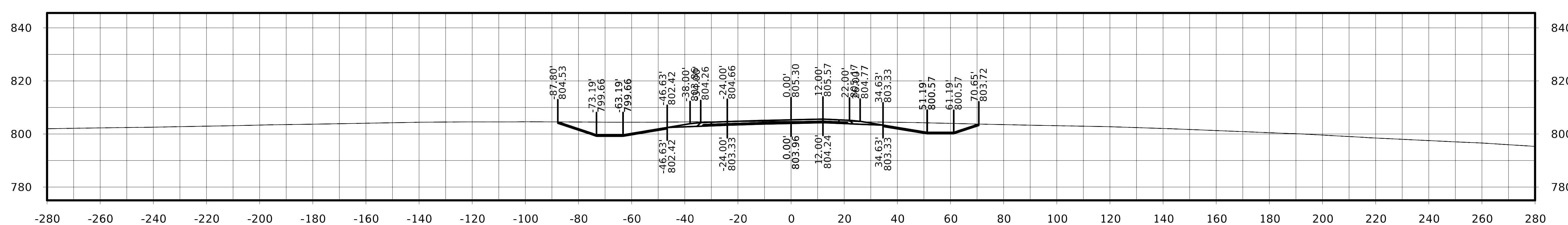
US 63



STA. 306+75.00



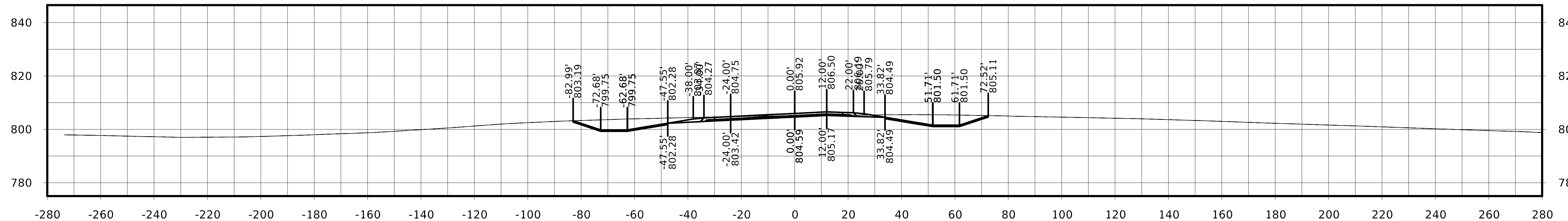
STA. 306+50.00



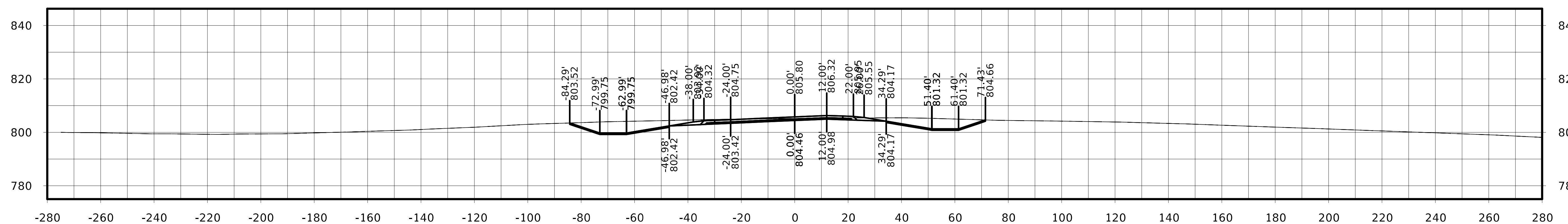
STA. 306+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.310

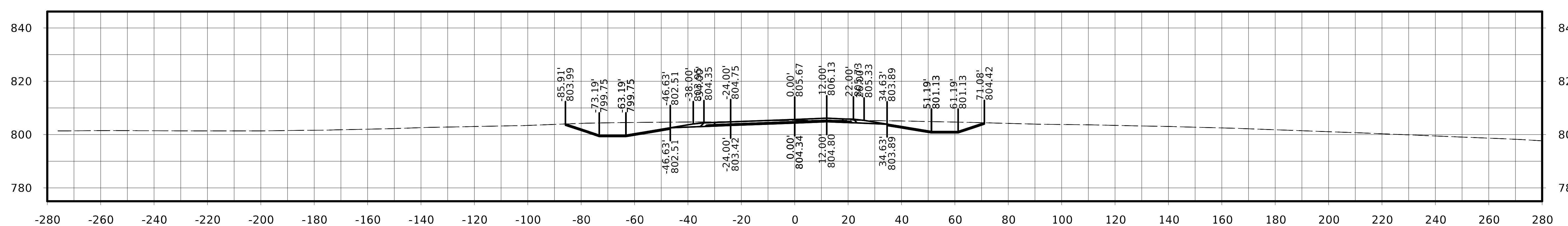
US 63



STA. 307+50.00



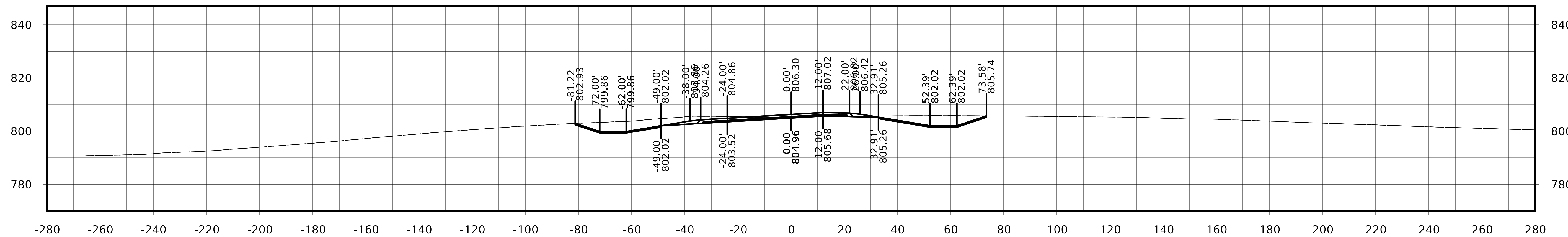
STA. 307+25.00



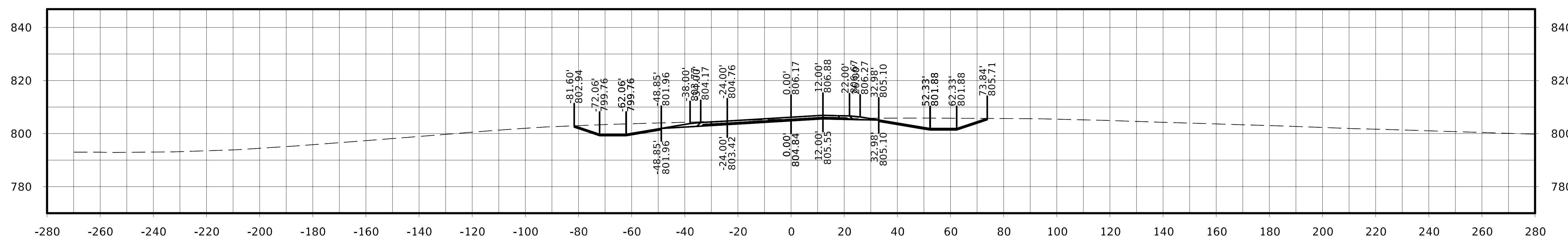
STA. 307+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.311

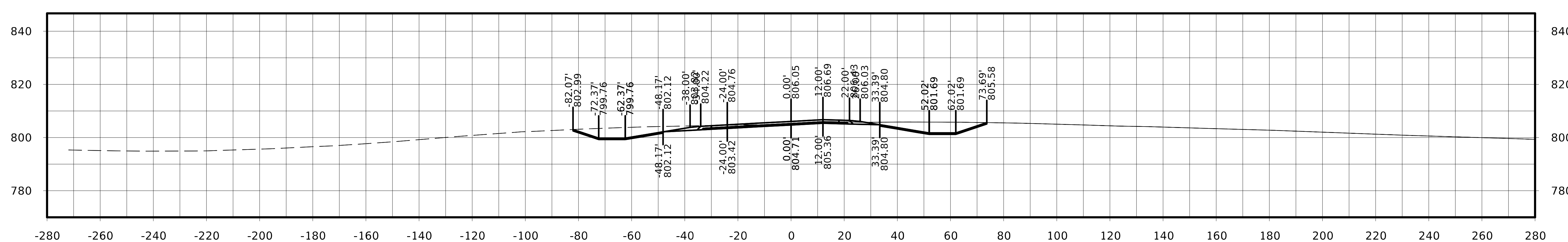
US 63



STA. 308+25.00

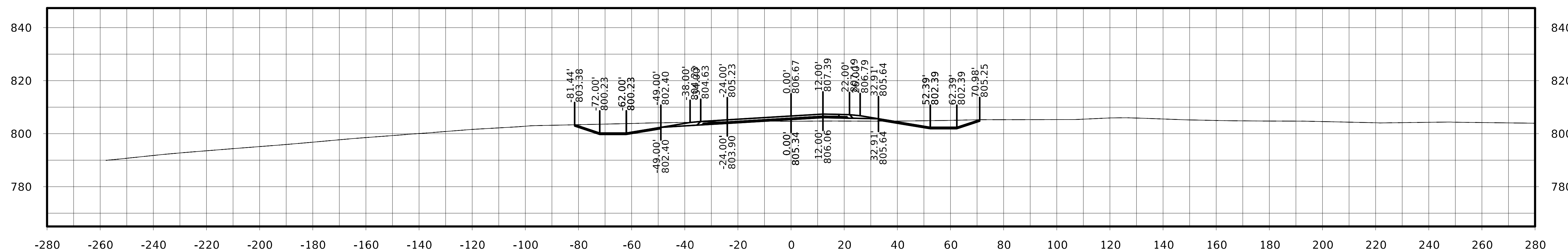


STA. 308+00.00

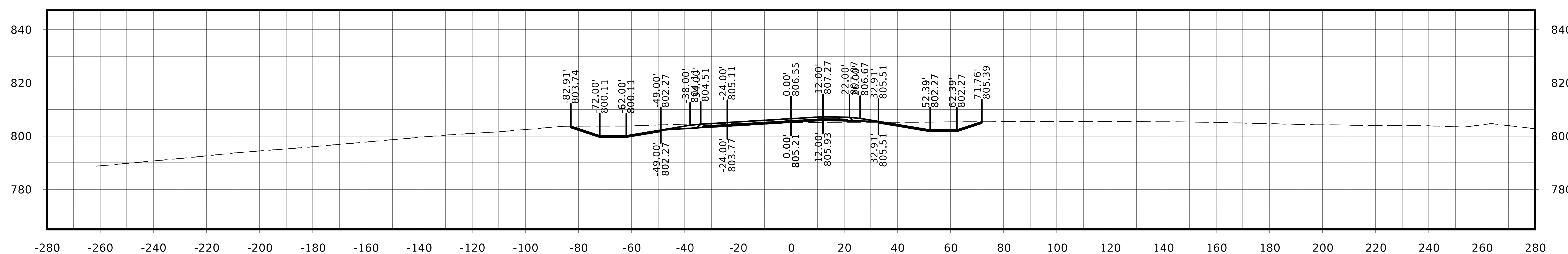


STA. 307+75.00

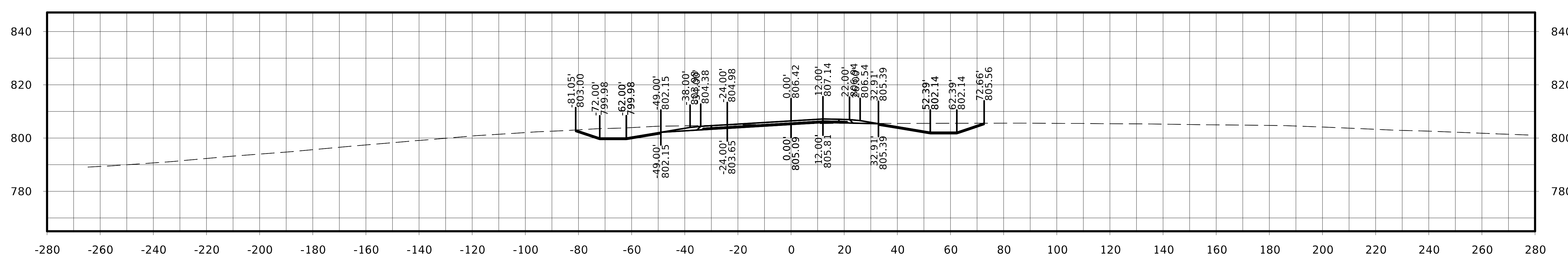
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.312



STA. 309+00.00

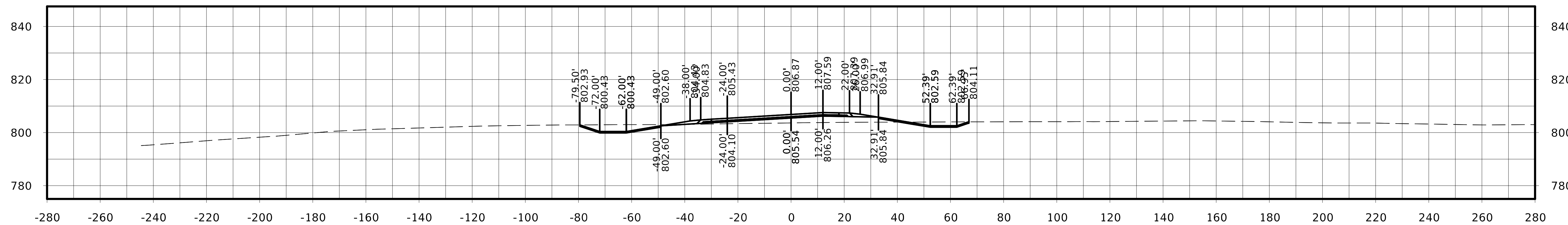


STA. 308+75.00

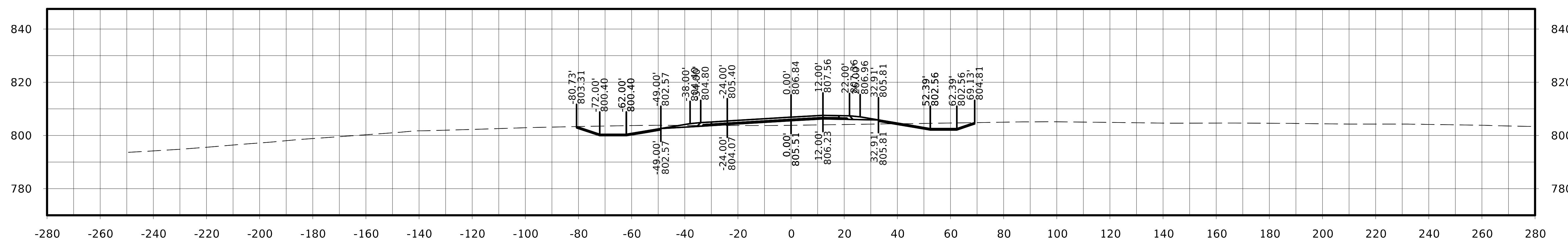


STA. 308+50.00

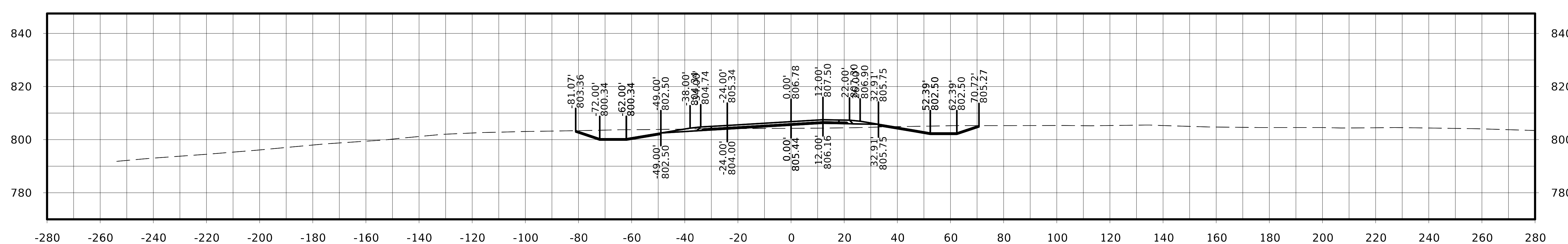
US 63



STA. 309+75.00



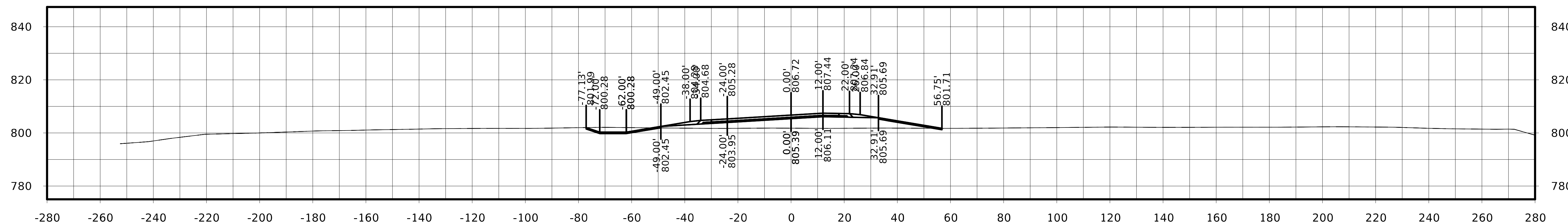
STA. 309+50.00



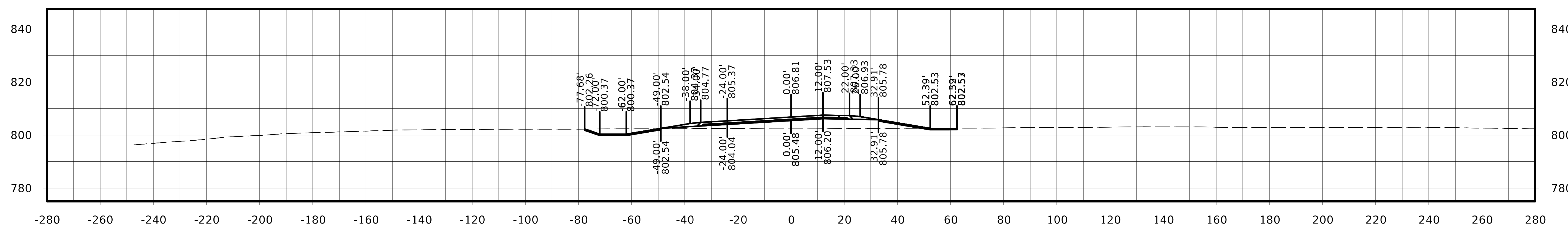
STA. 309+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.314

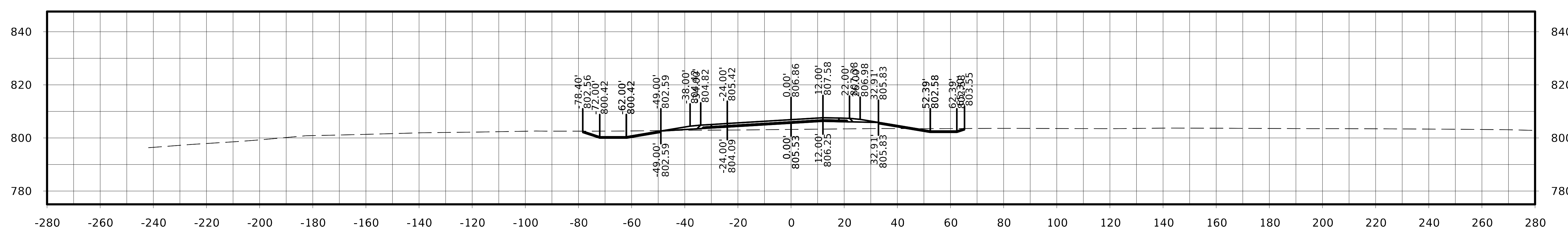
US 63



STA. 310+50.00

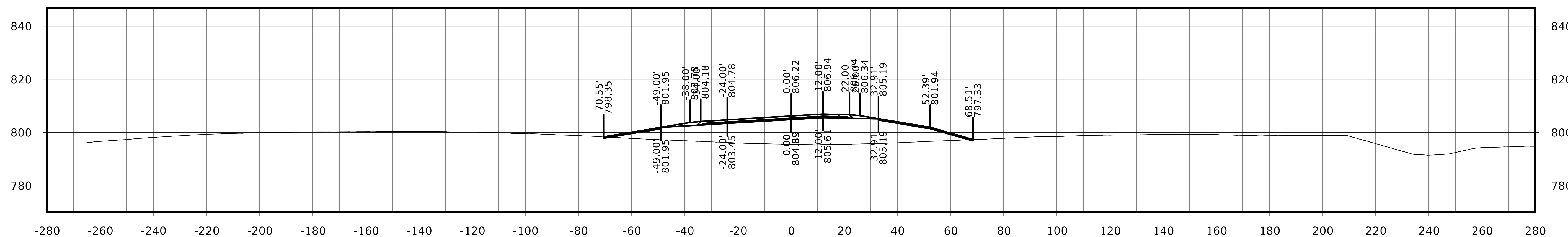


STA. 310+25.00

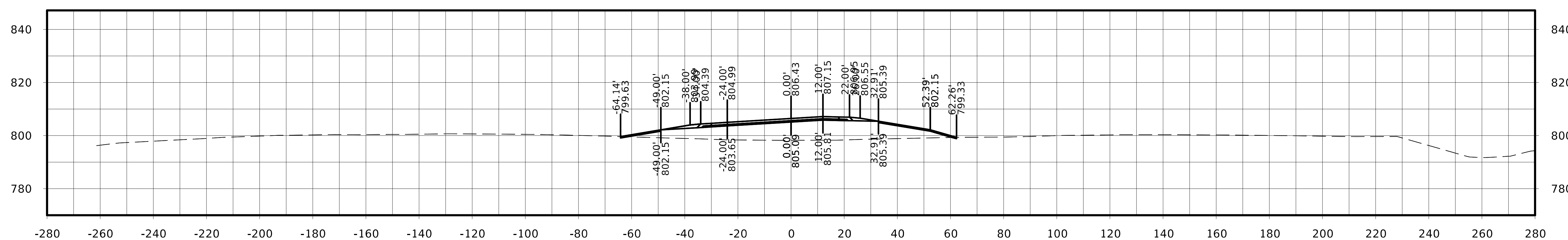


STA. 310+00.00

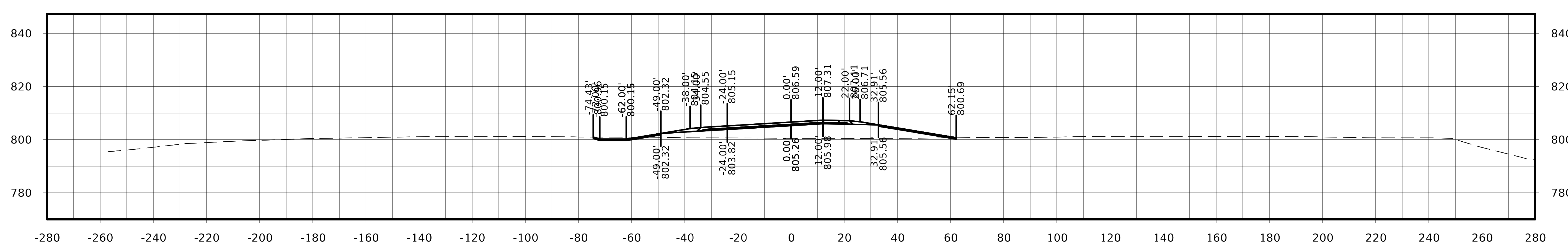
US 63



STA. 311+25.00



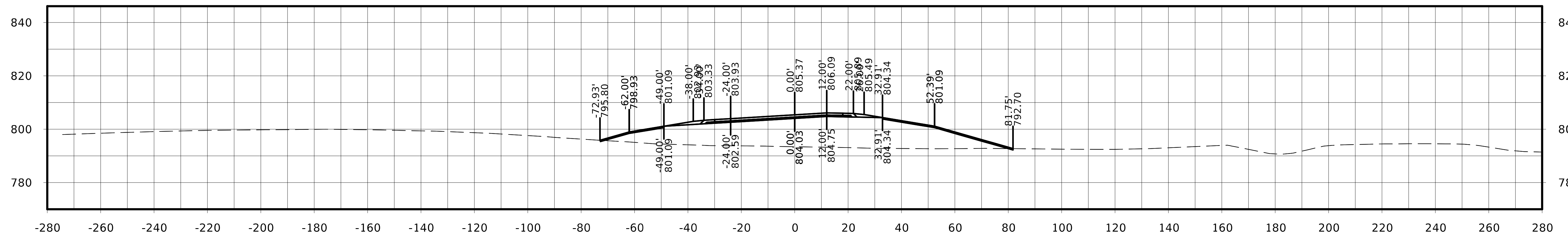
STA. 311+00.00



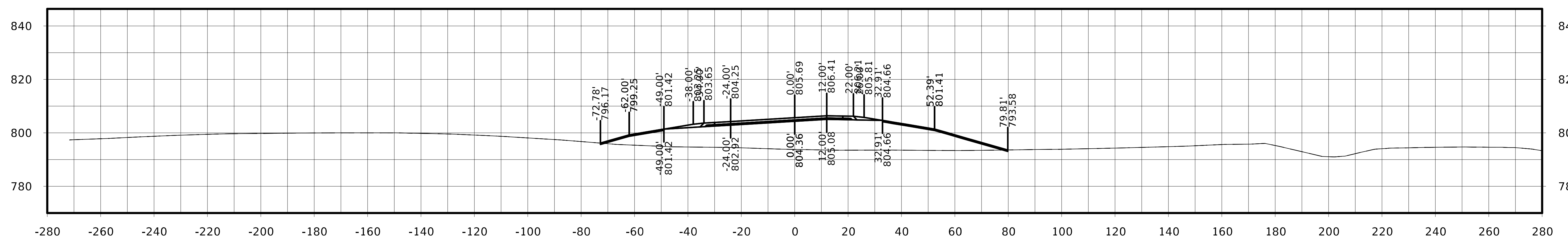
STA. 310+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.316

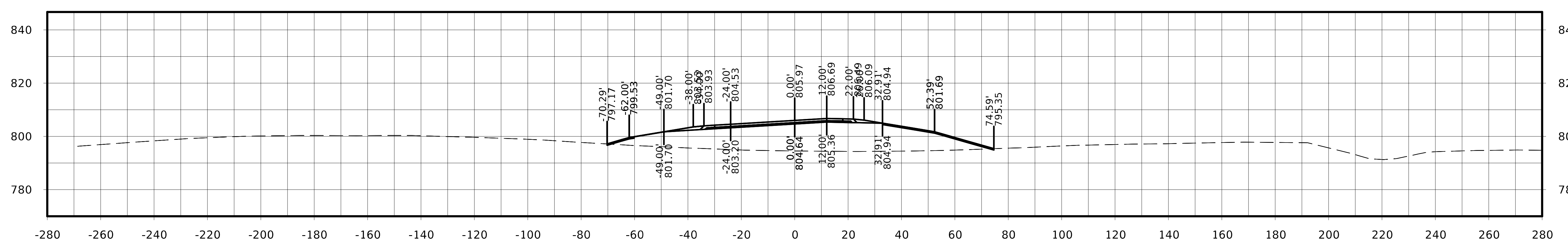
US 63



STA. 312+00.00



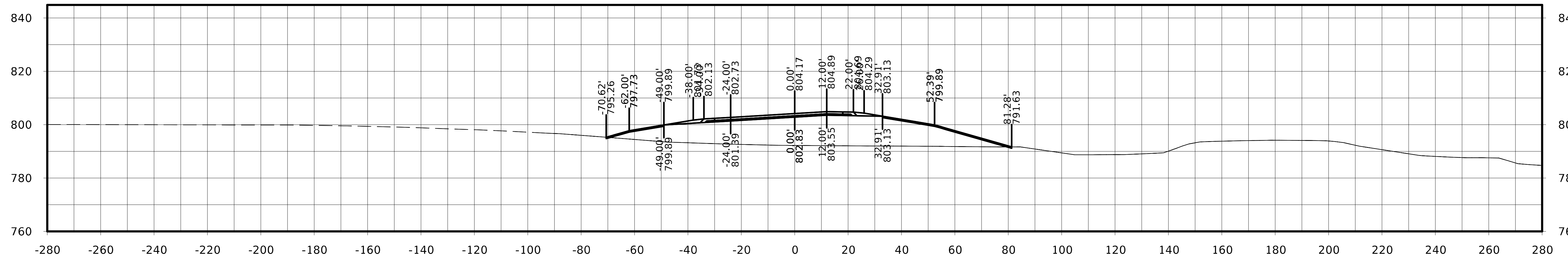
STA. 311+75.00



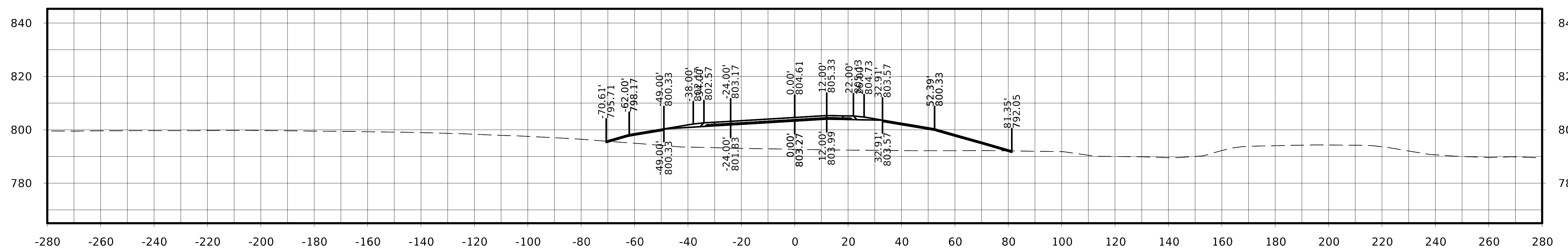
STA. 311+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.317

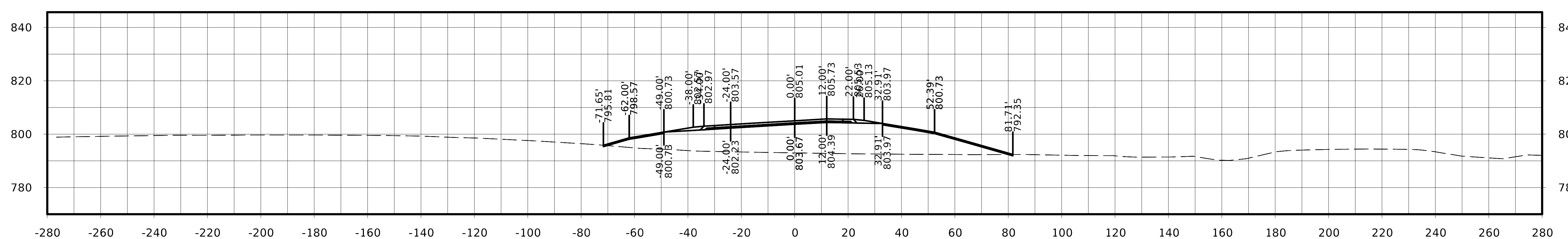
US 63



STA. 312+75.00



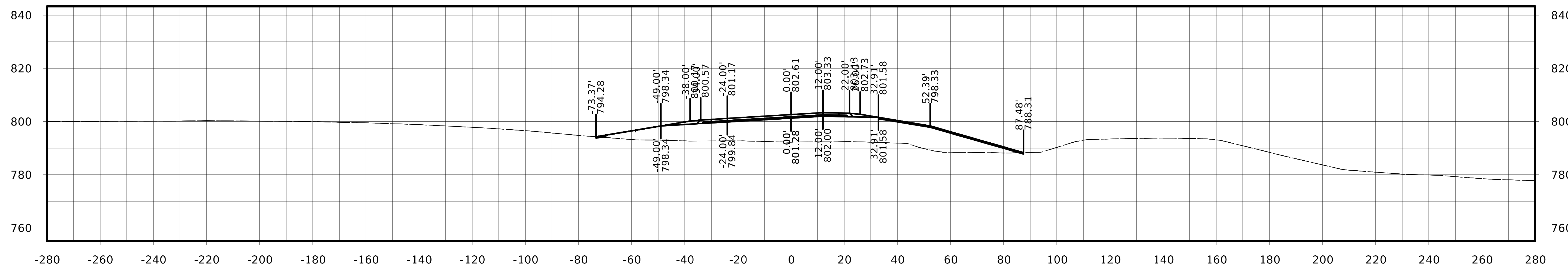
STA. 312+50.00



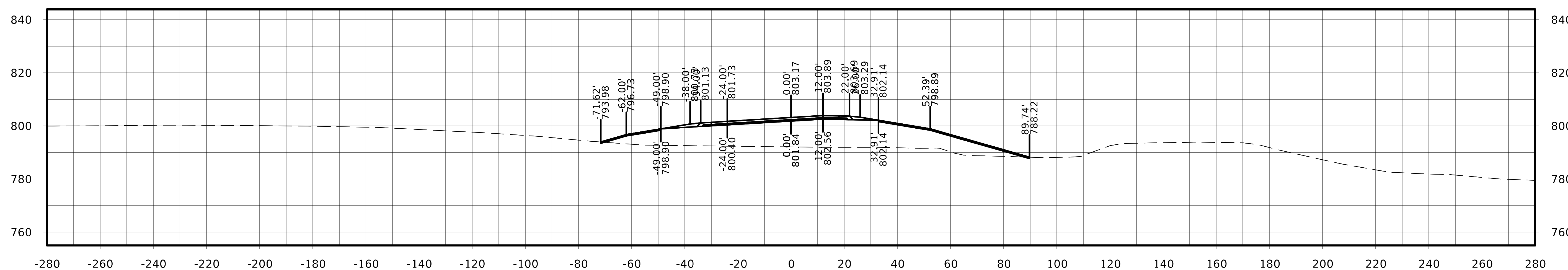
STA. 312+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.318

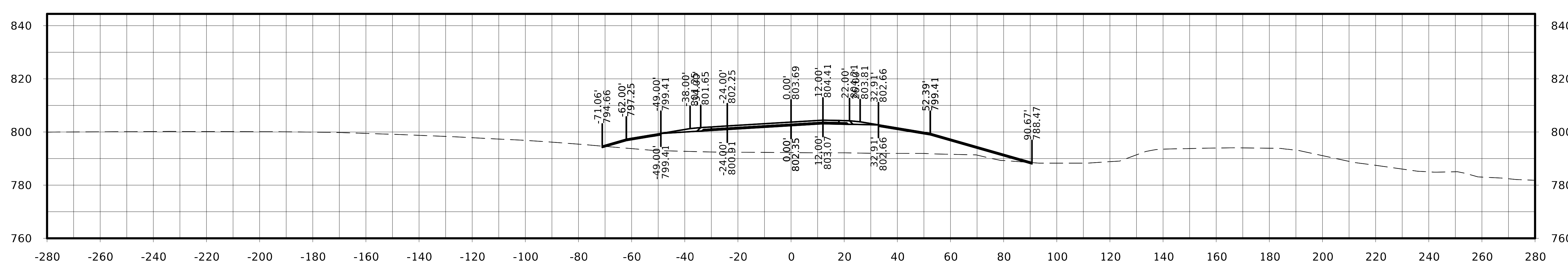
US 63



STA. 313+50.00



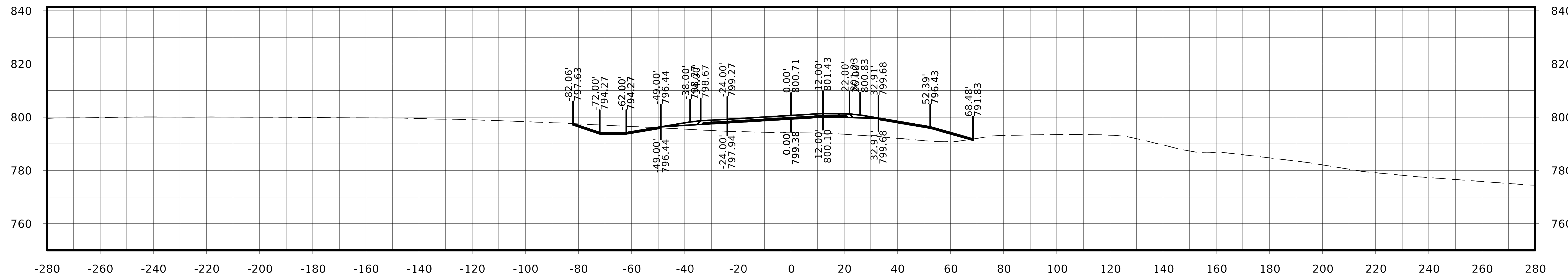
STA. 313+25.00



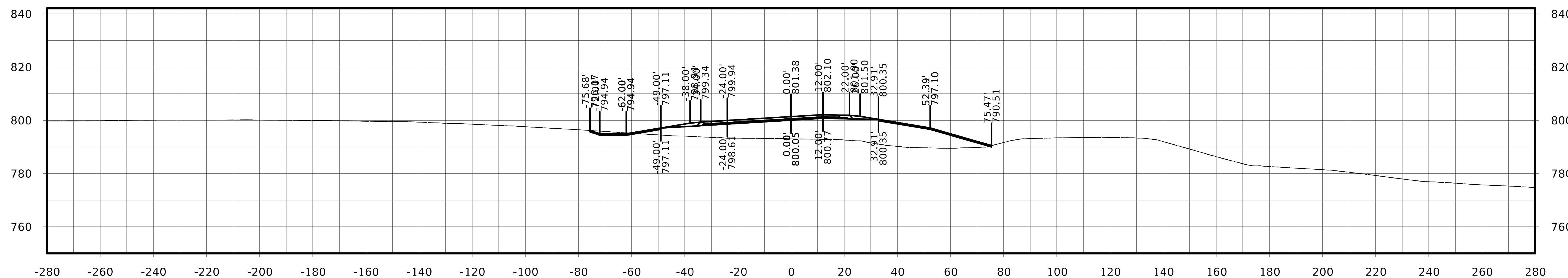
STA. 313+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.319

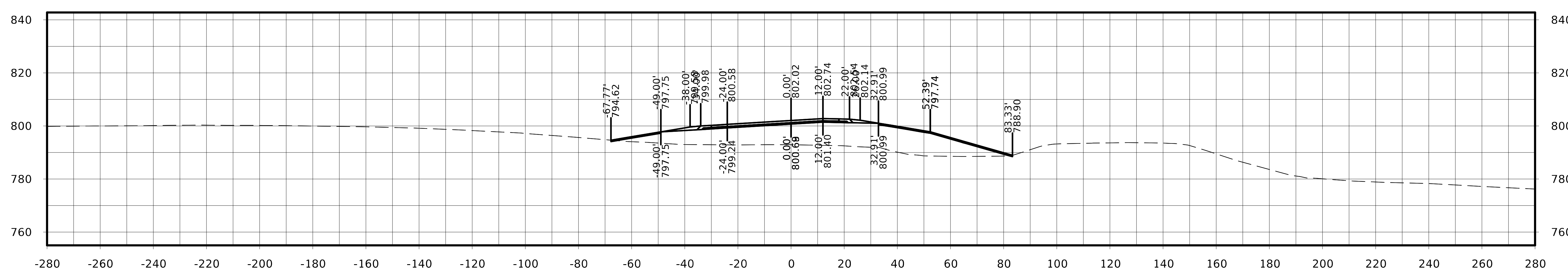
US 63



STA. 314+25.00



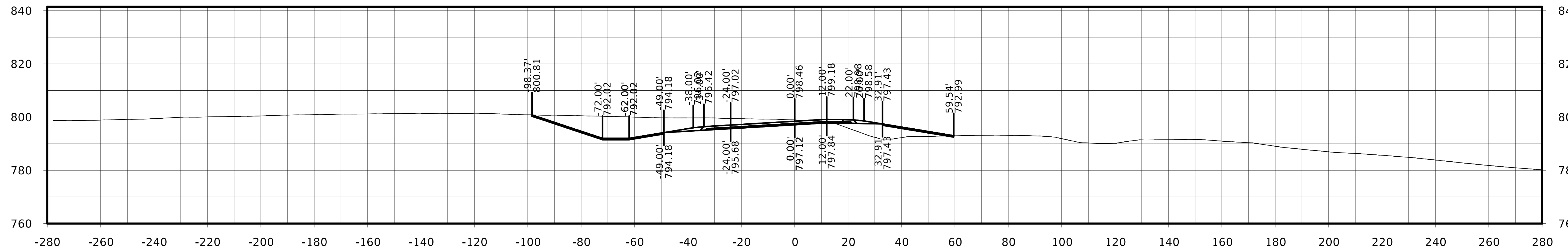
STA. 314+00.00



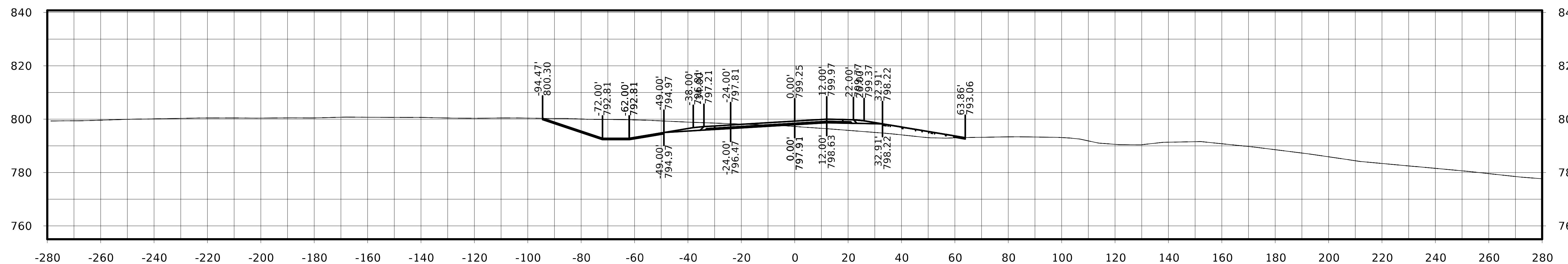
STA. 313+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.320

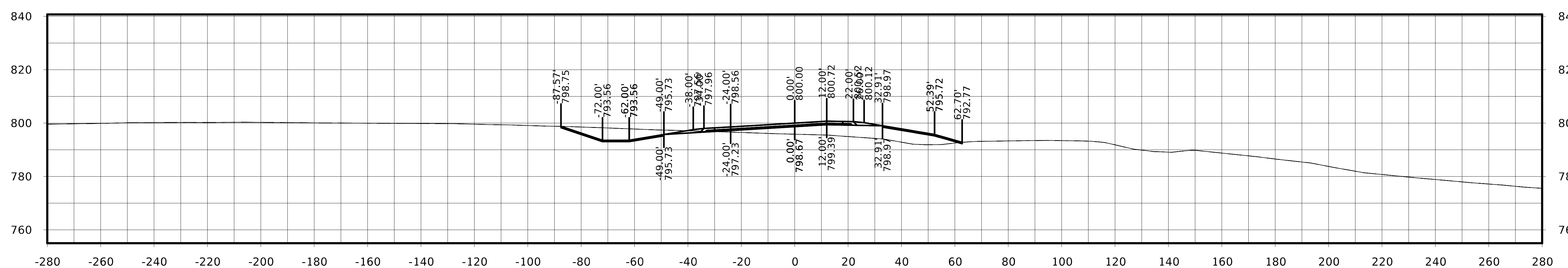
US 63



STA. 315+00.00



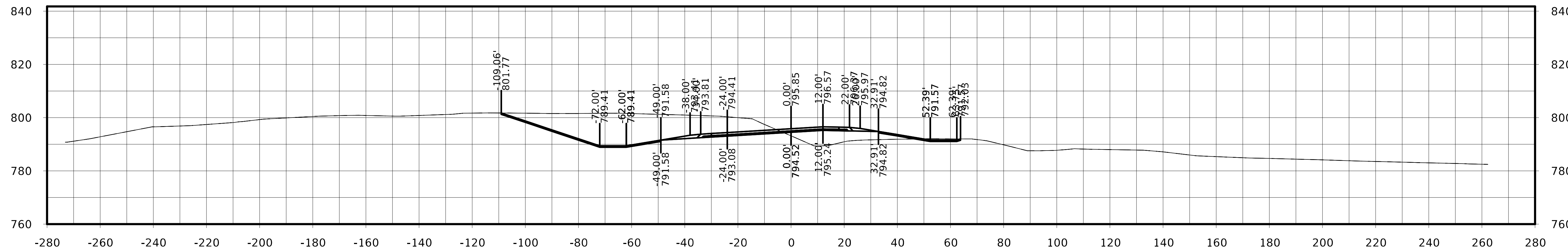
STA. 314+75.00



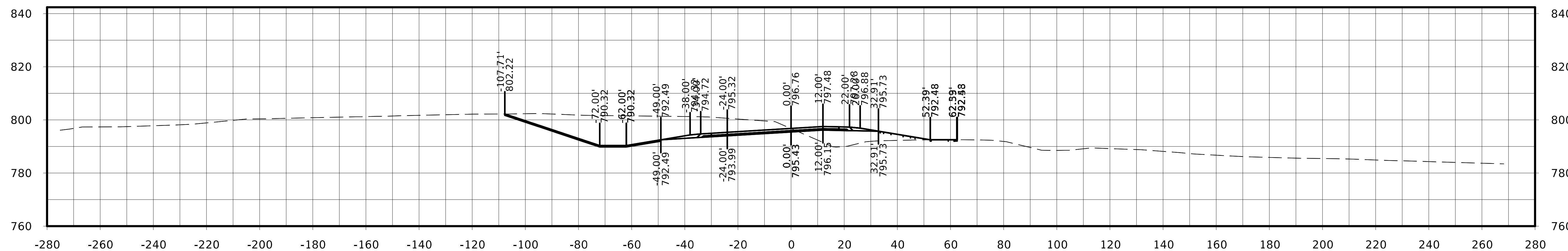
STA. 314+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.321

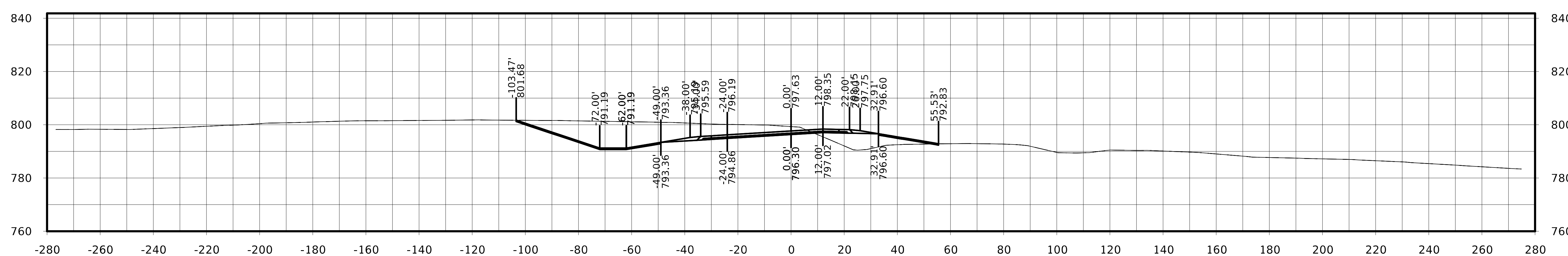
US 63



STA. 315+75.00



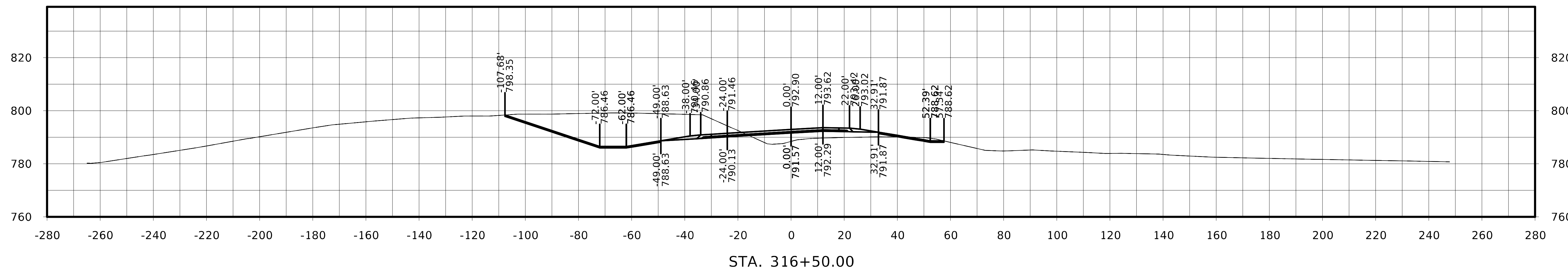
STA. 315+50.00

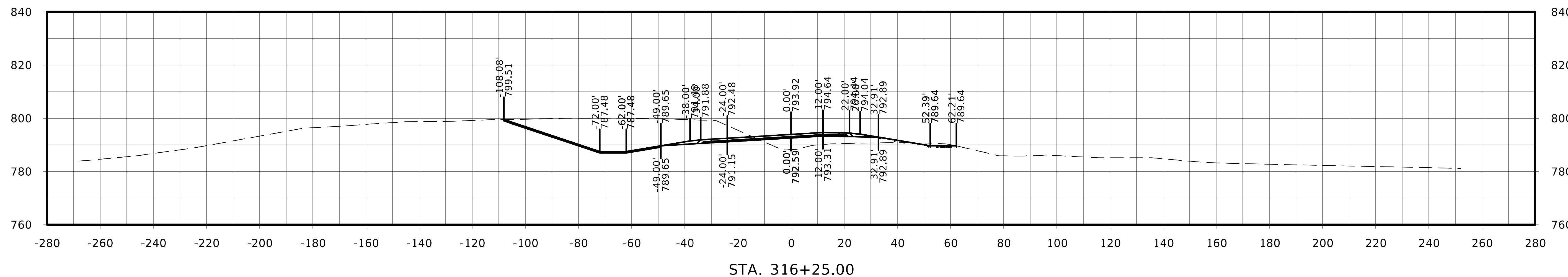


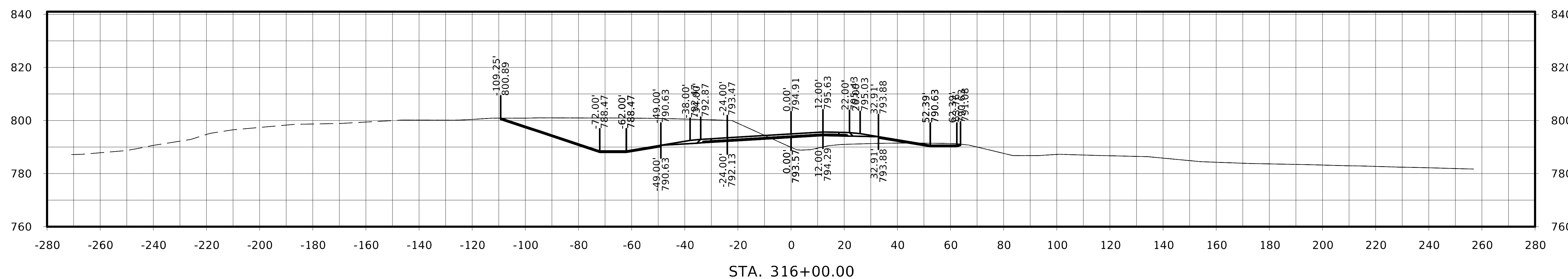
STA. 315+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.322

US 63

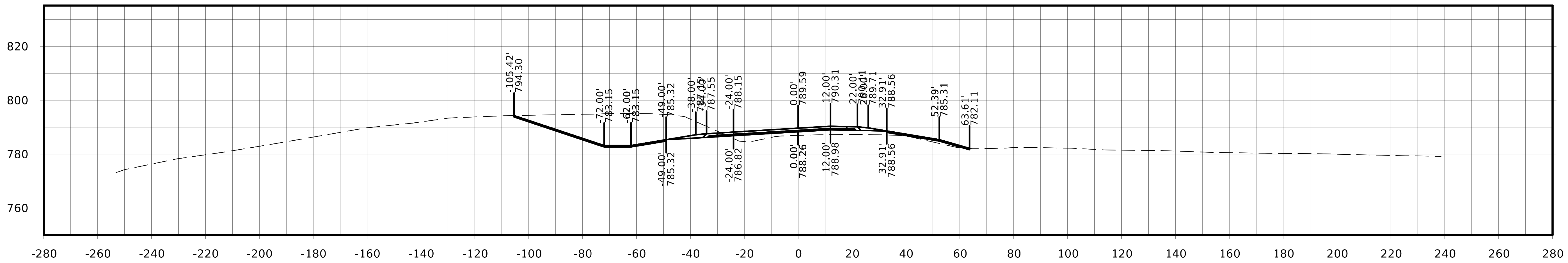




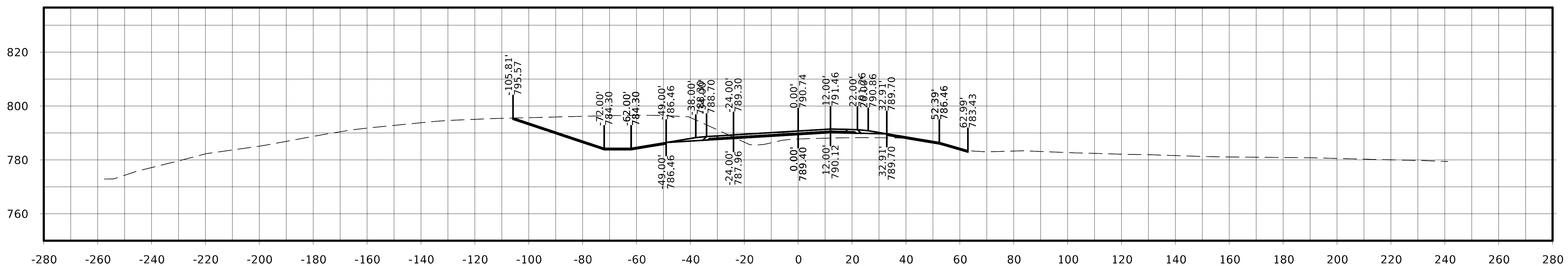


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER W.323	

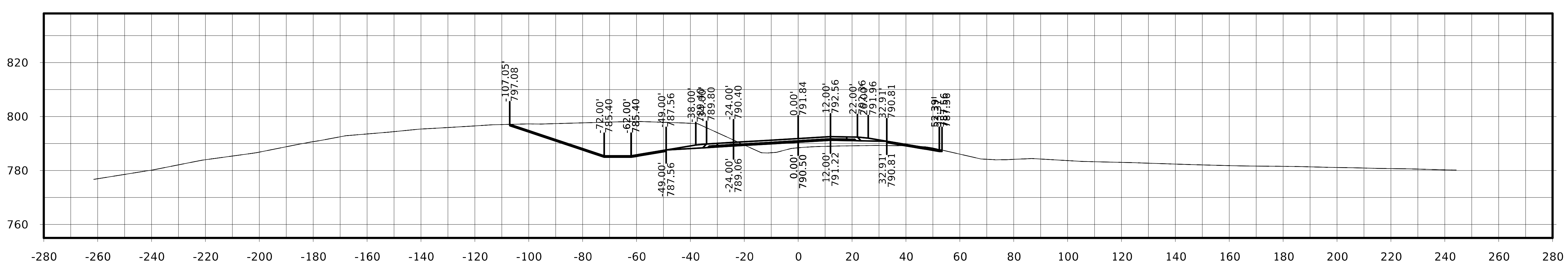
US 63



STA. 317+25.00



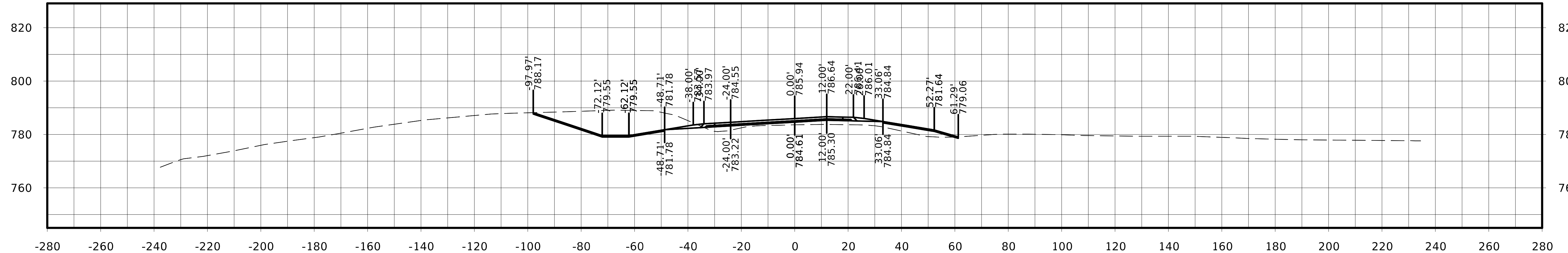
STA. 317+00.00



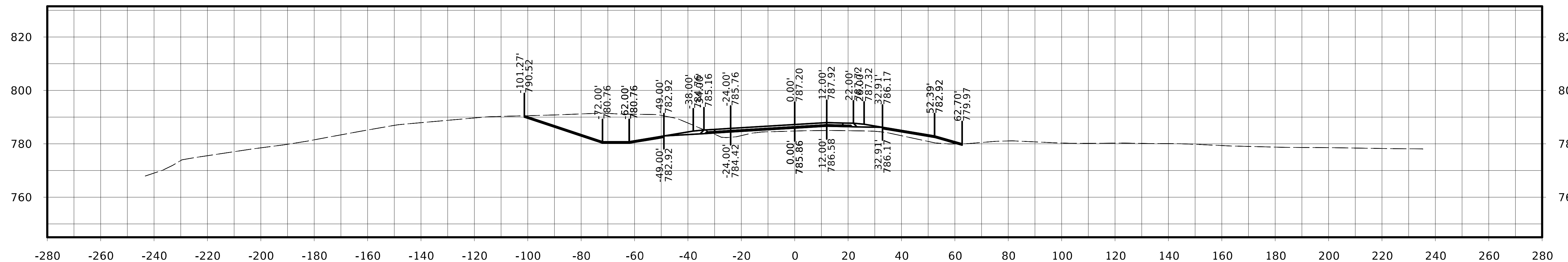
STA. 316+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.324

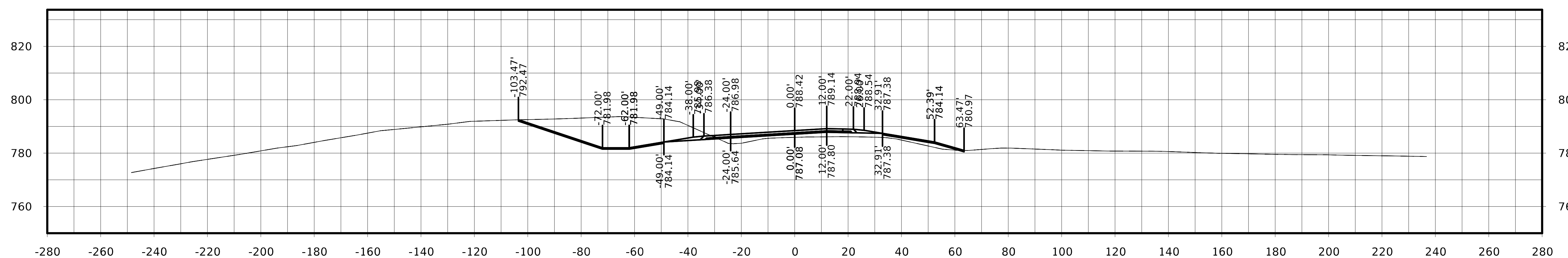
US 63



STA. 318+00.00



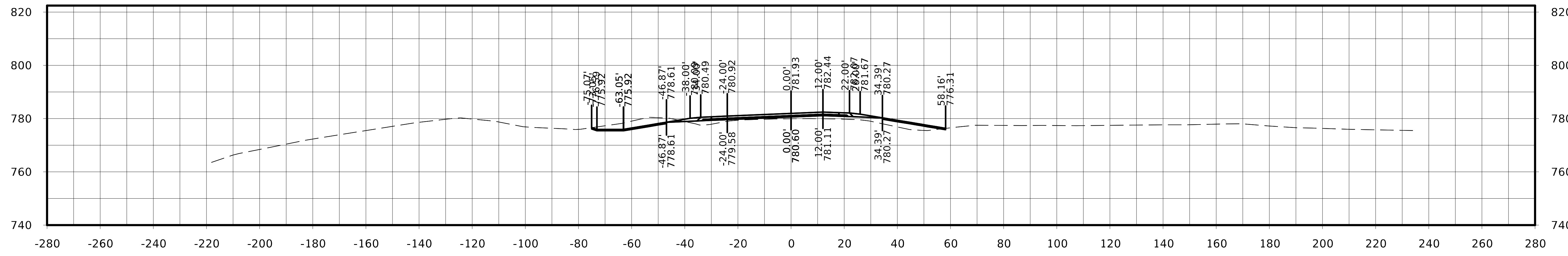
STA. 317+75.00



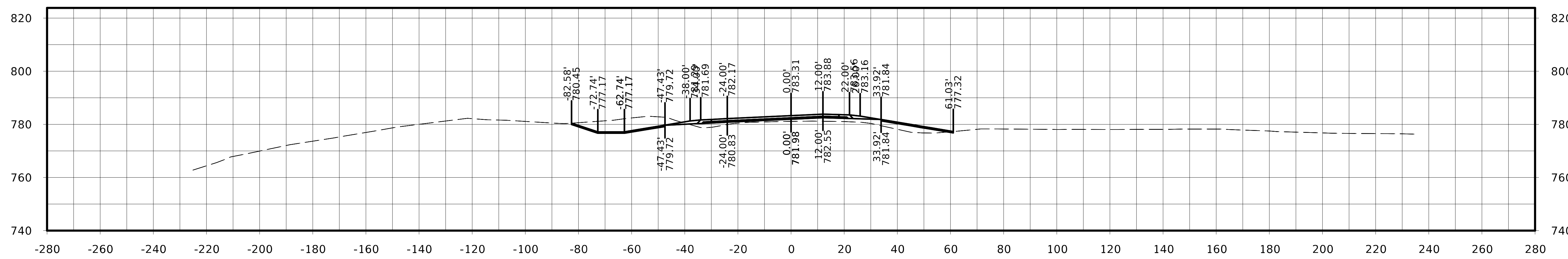
STA. 317+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.325

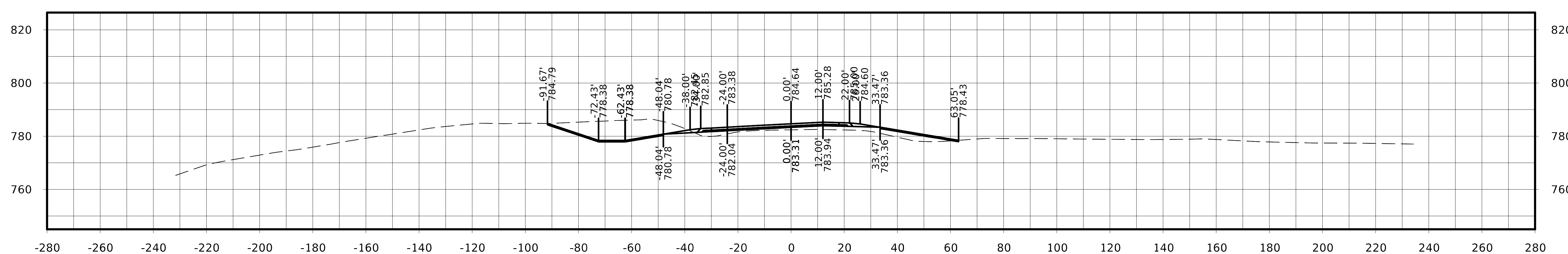
US 63



STA. 318+75.00



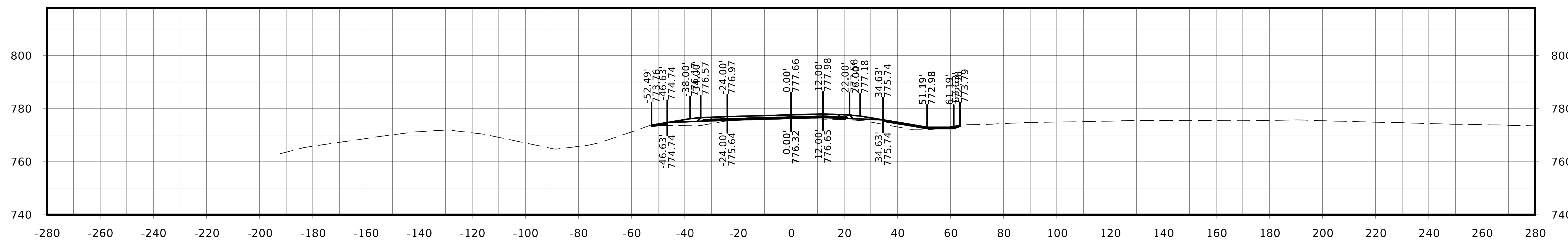
STA. 318+50.00



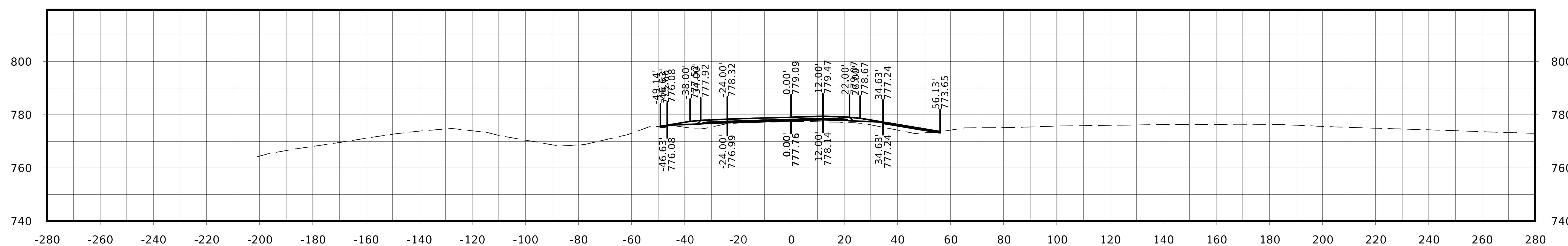
STA. 318+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.326

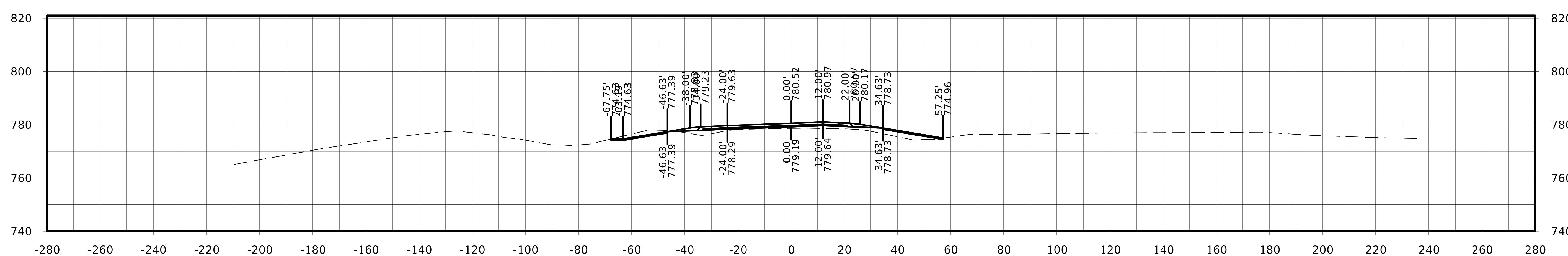
US 63



STA. 319+50.00



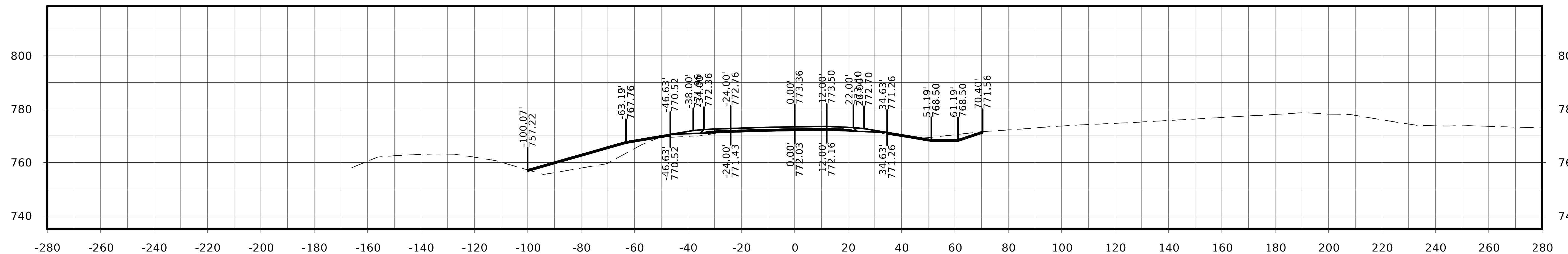
STA. 319+25.00



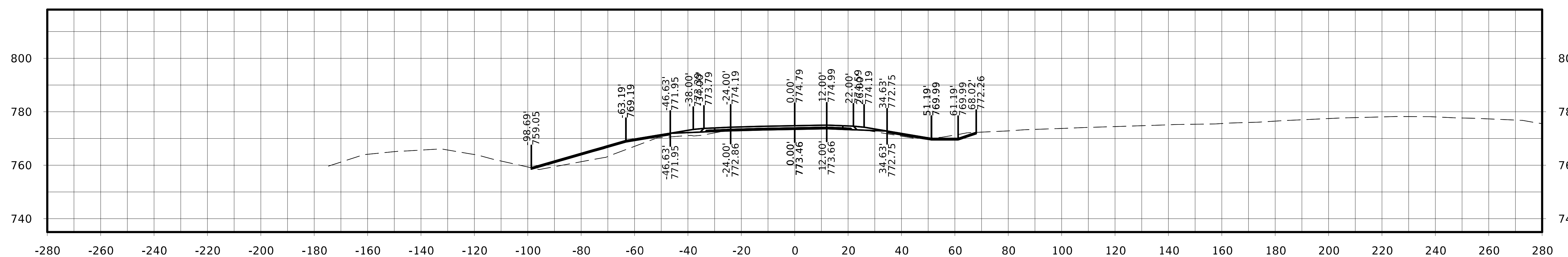
STA. 319+00.00

FILE NO. | ENGLISH | DESIGN TEAM Flattery / Johnson | MAHASKA COUNTY | PROJECT NUMBER NHSX-063-3(93)--3H-62 | SHEET NUMBER W.327

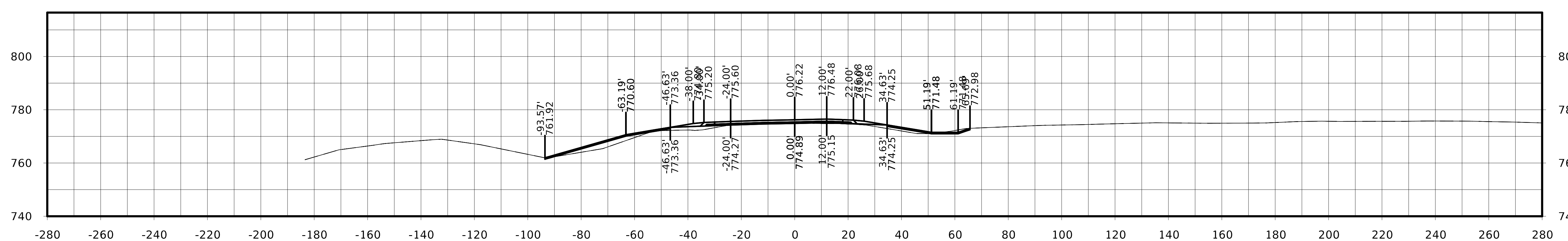
US 63



STA. 320+25.00

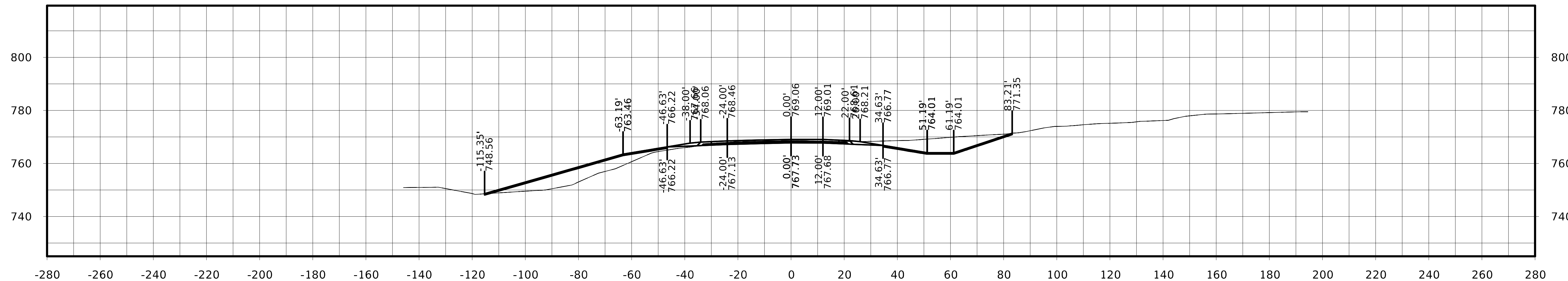


STA. 320+00.00

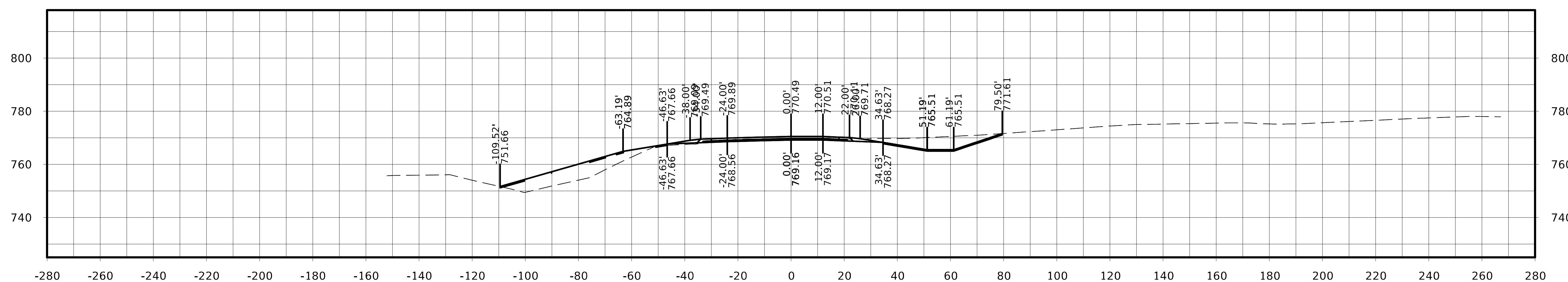


STA. 319+75.00

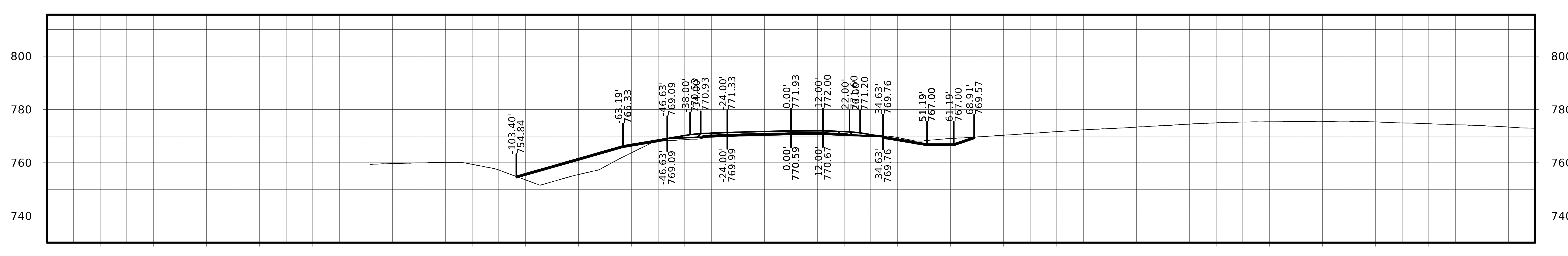
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.328



STA. 321+00.00

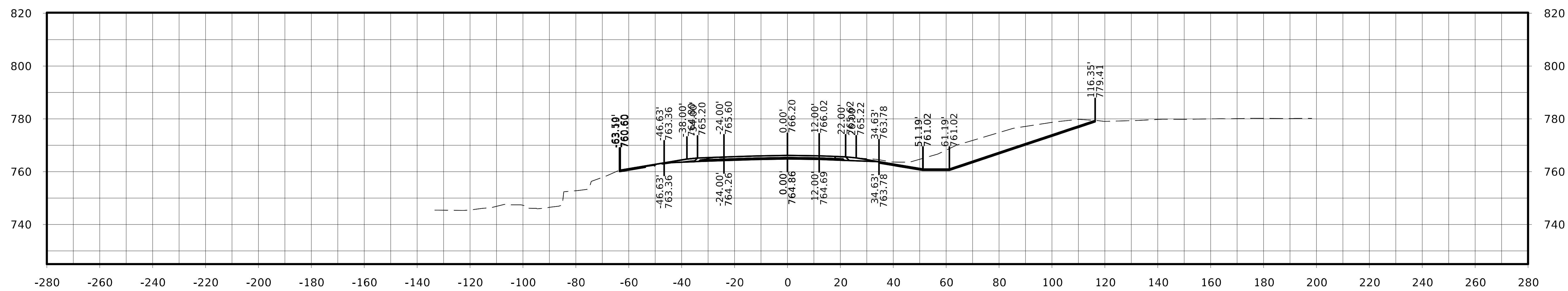


STA. 320+75.00

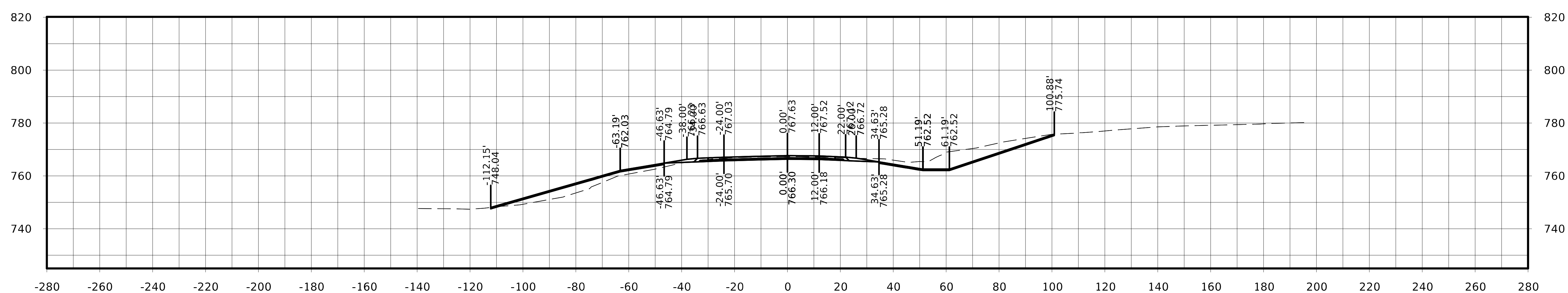


STA. 320+50.00

US 63



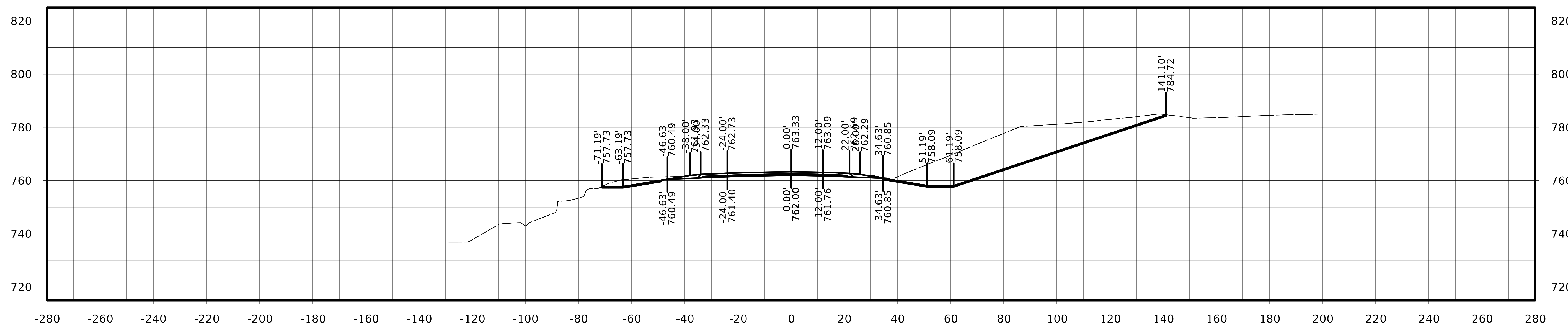
STA. 321+50.00

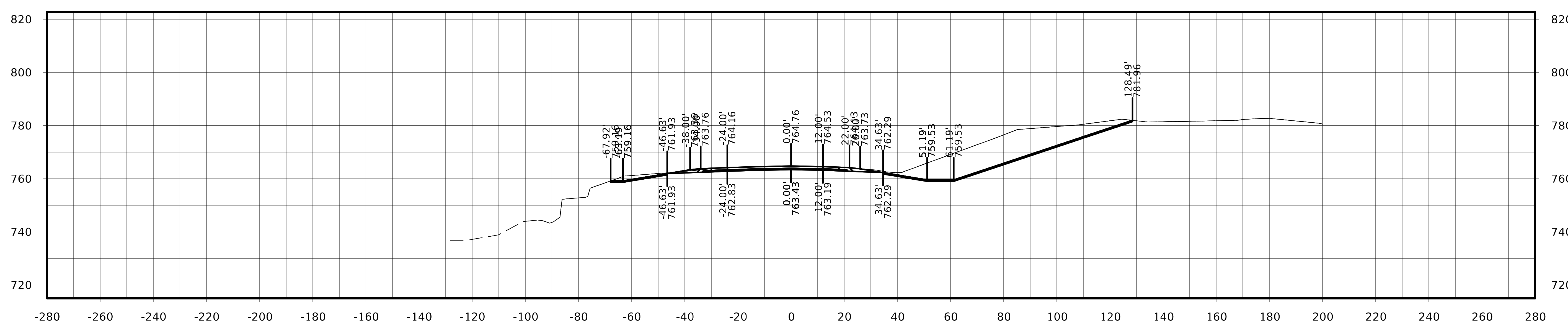


STA. 321+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.330

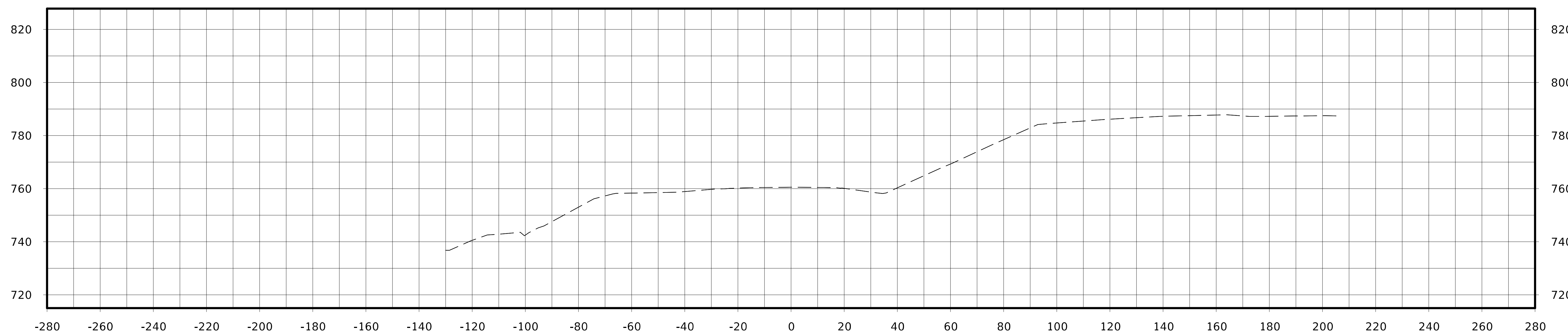
US 63



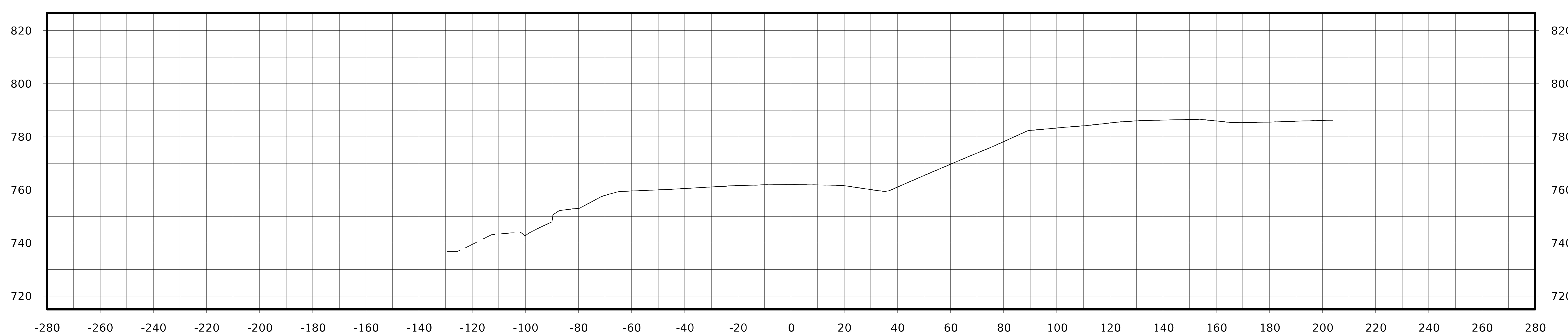


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.331

US 63

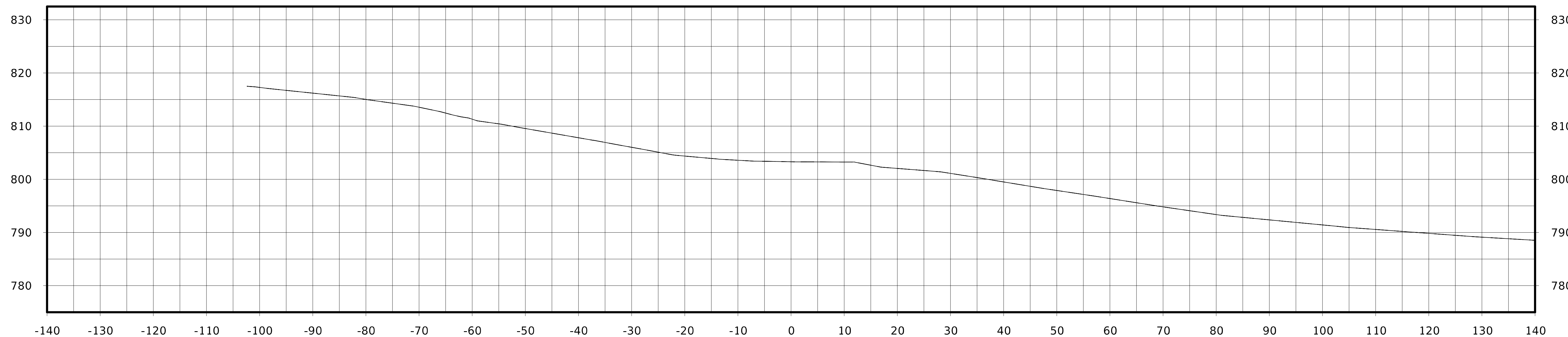


STA. 322+50.00

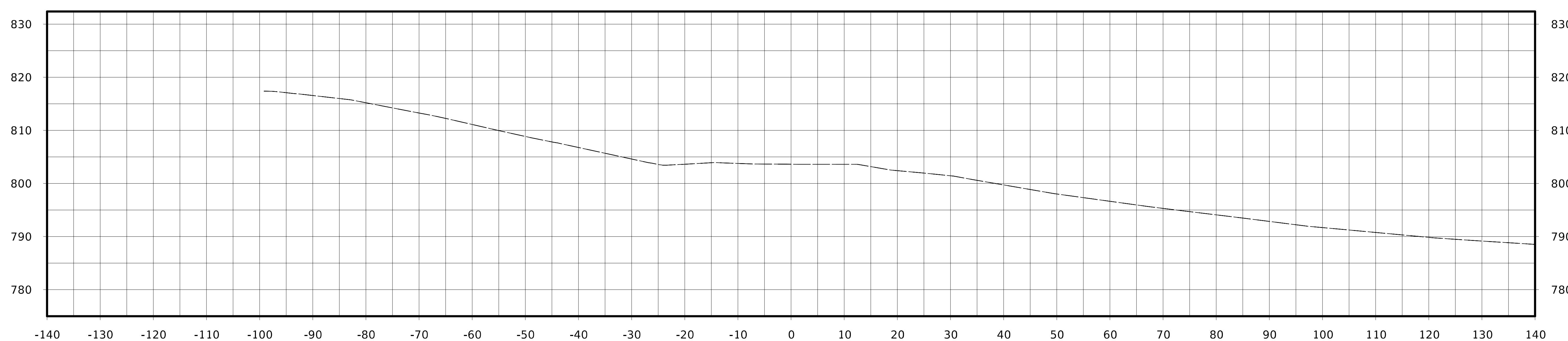


STA. 322+25.00

North Shore Dr.



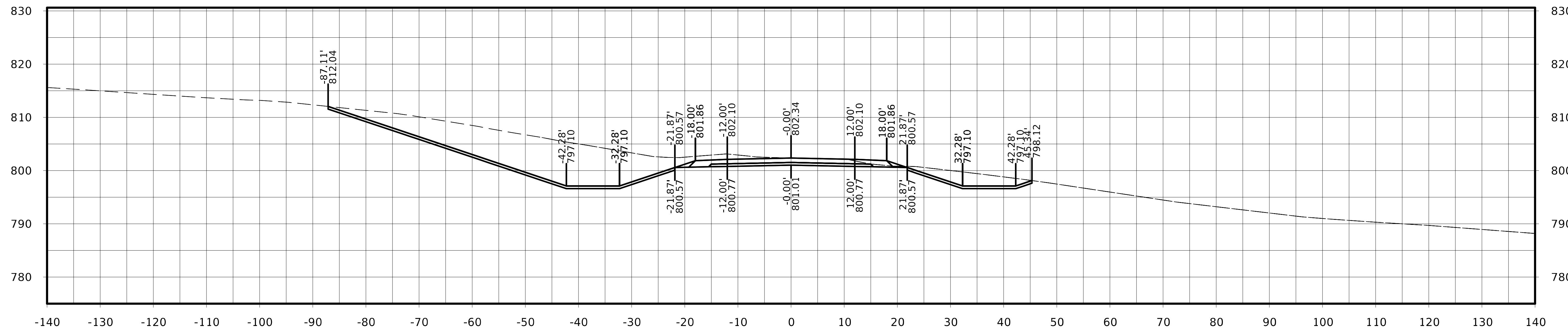
STA. 1002+25.00



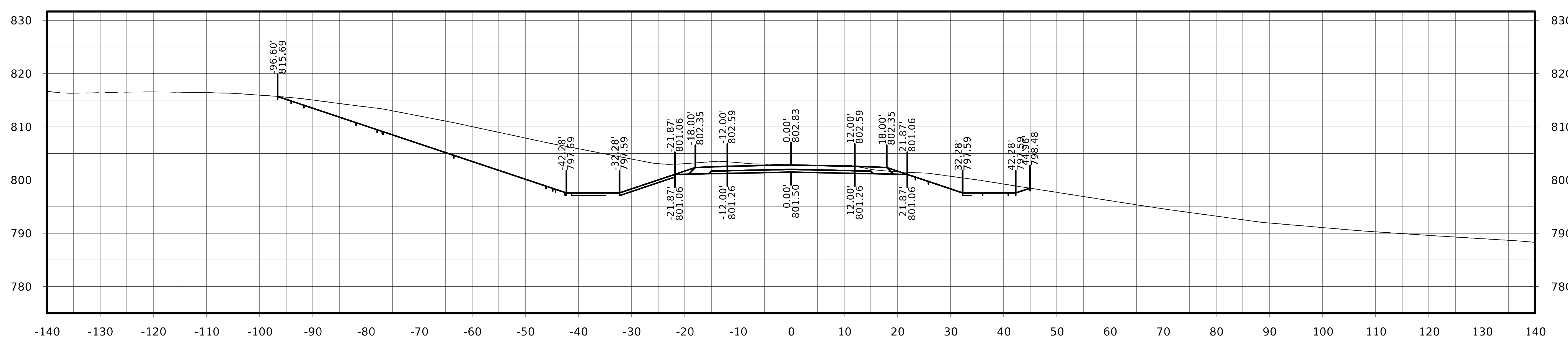
STA. 1002+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.333

North Shore Dr.



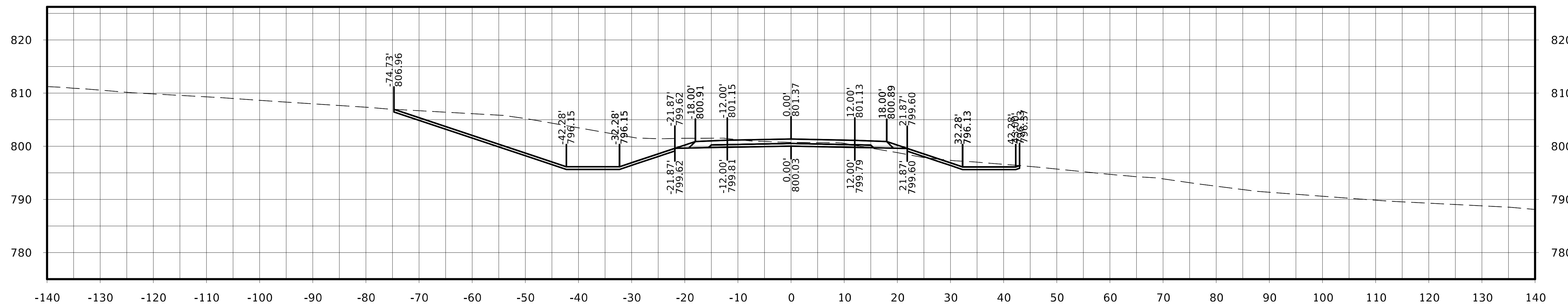
STA. 1002+75.00



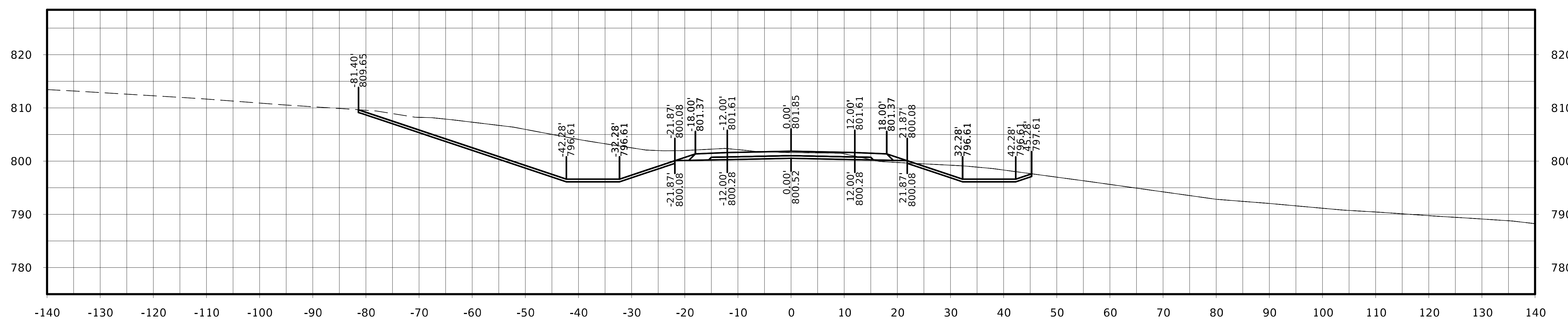
STA. 1002+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.334

North Shore Dr.



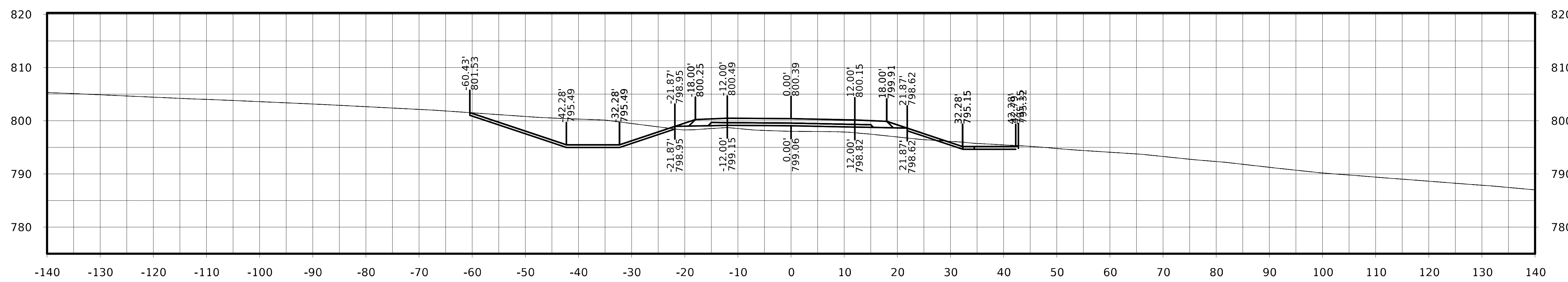
STA. 1003+25.00

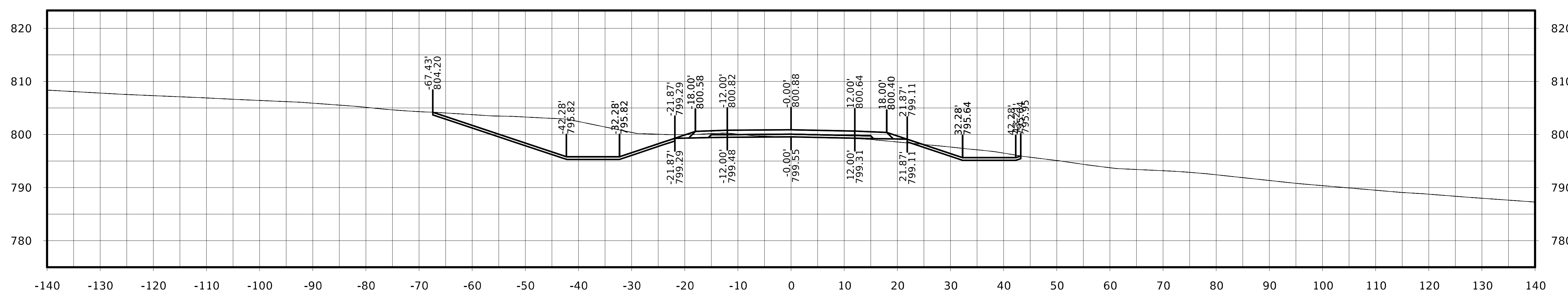


STA. 1003+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.335

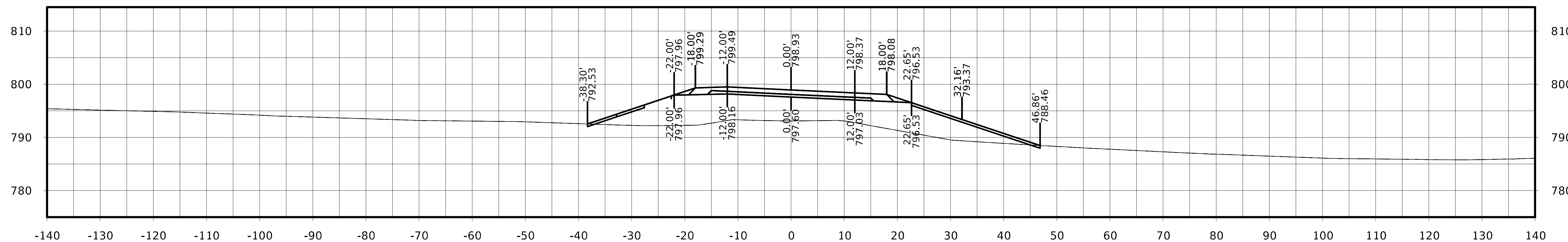
North Shore Dr.



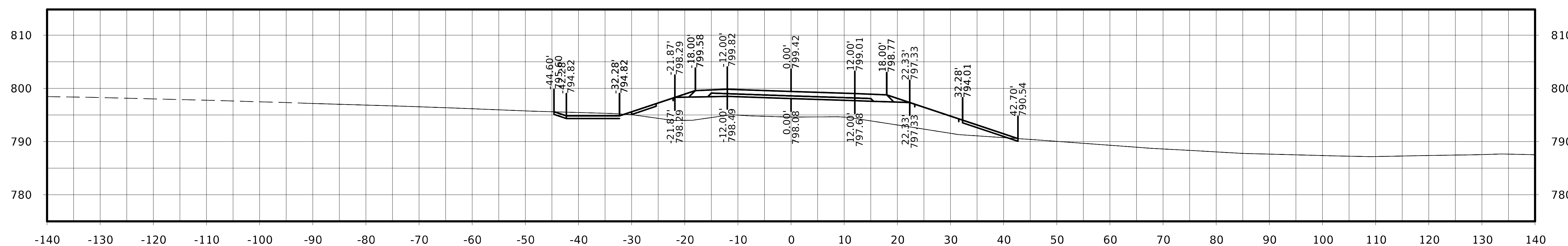


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.336

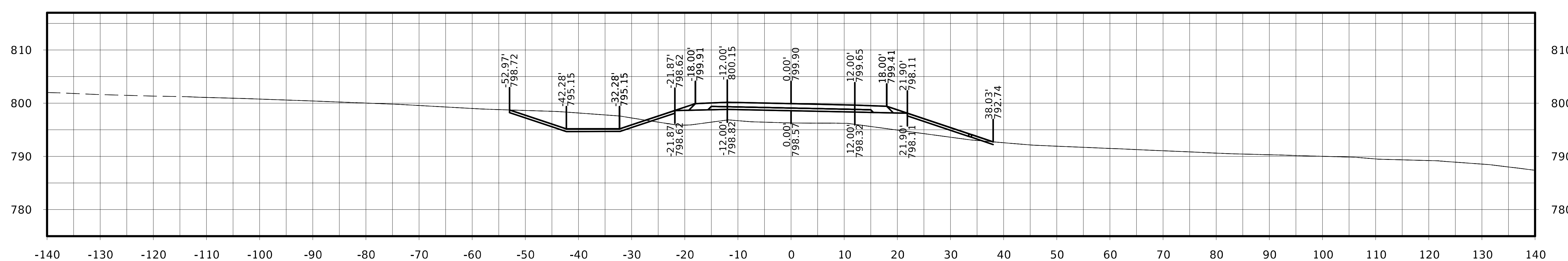
North Shore Dr.



STA. 1004+50.00

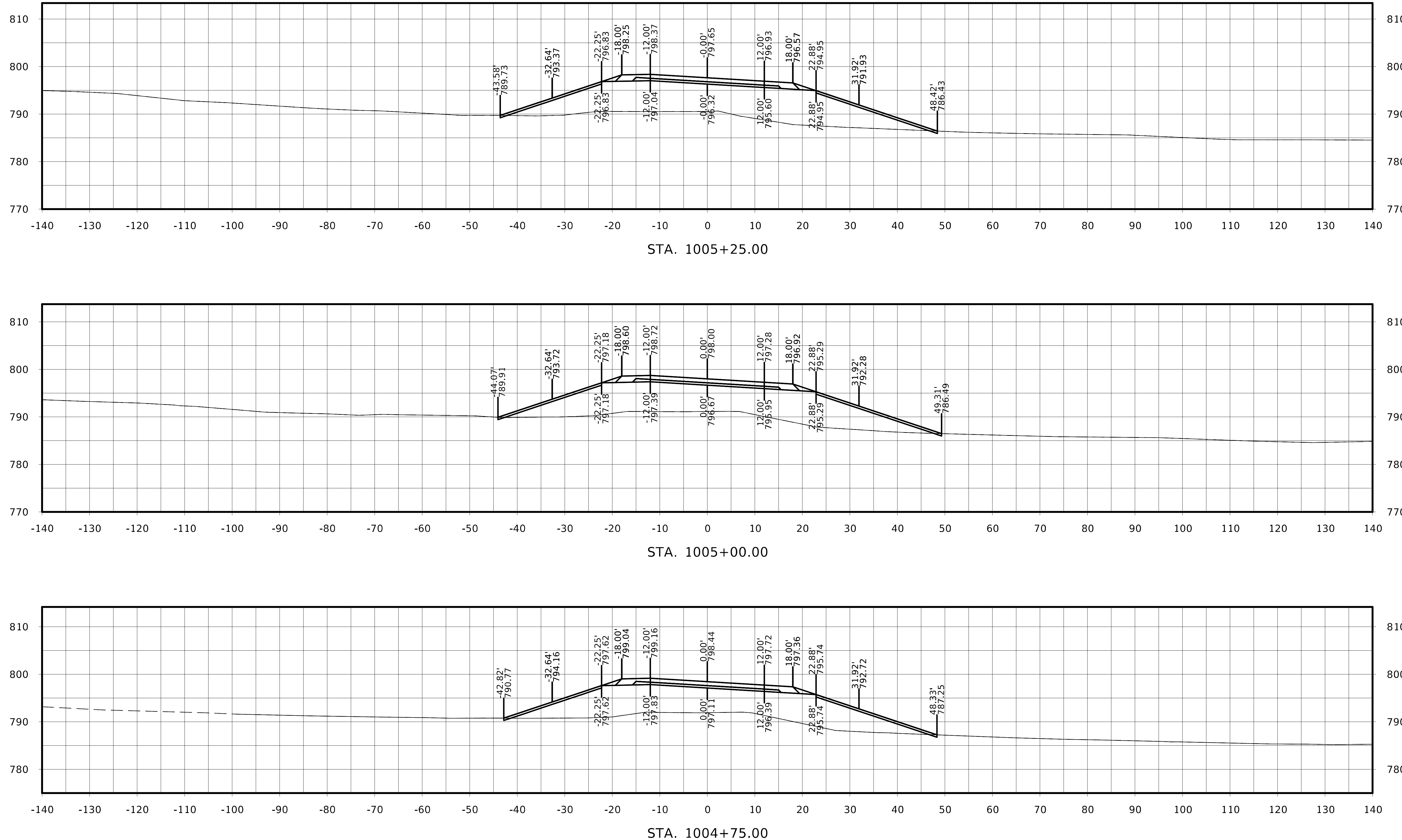


STA. 1004+25.00

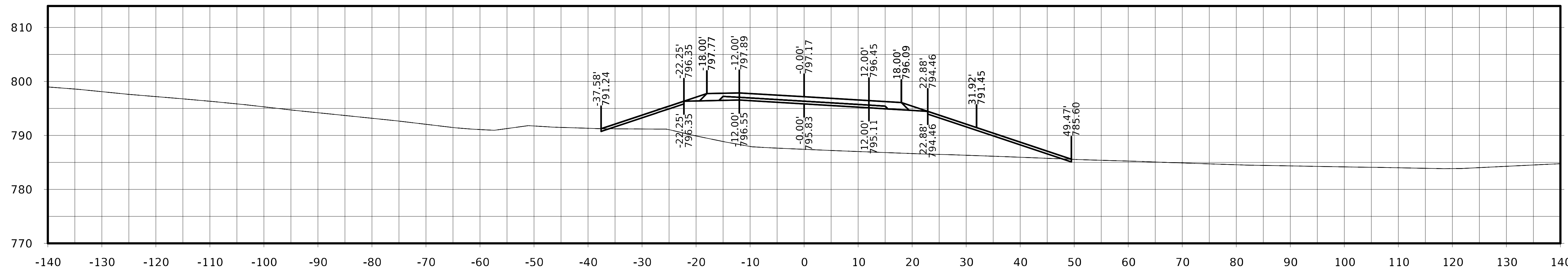


STA. 1004+00.00

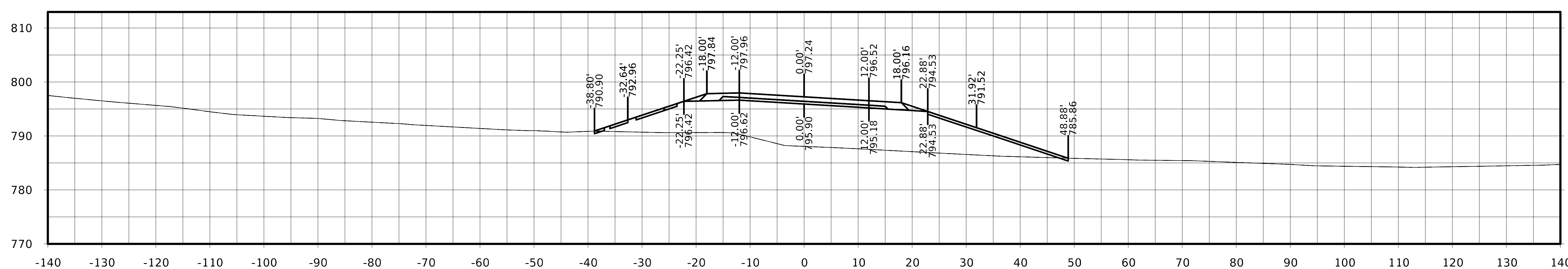
North Shore Dr.



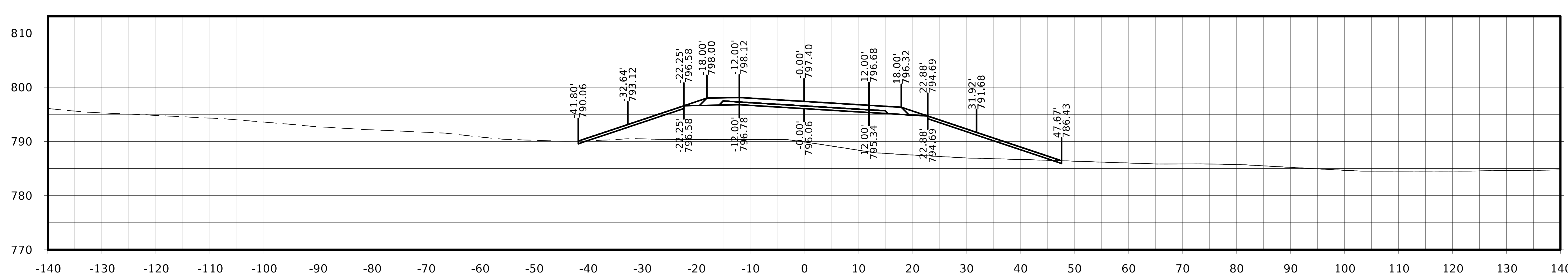
North Shore Dr.



STA. 1006+00.00



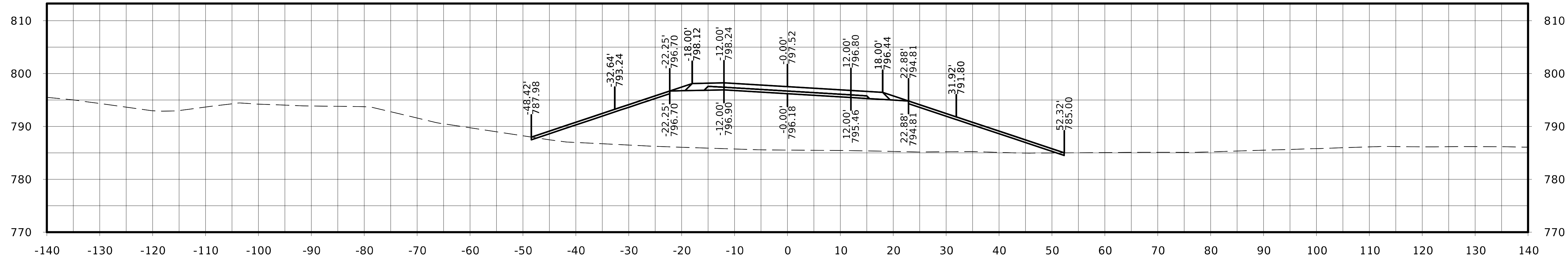
STA. 1005+75.00



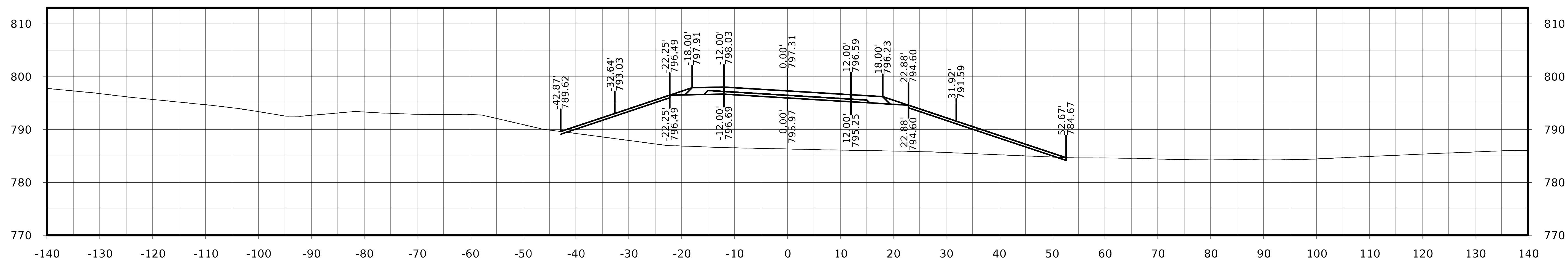
STA. 1005+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.339

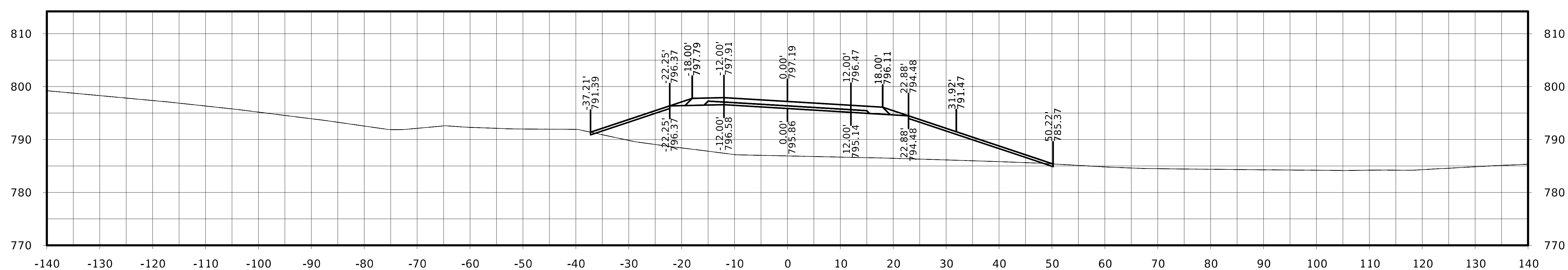
North Shore Dr.



STA. 1006+75.00



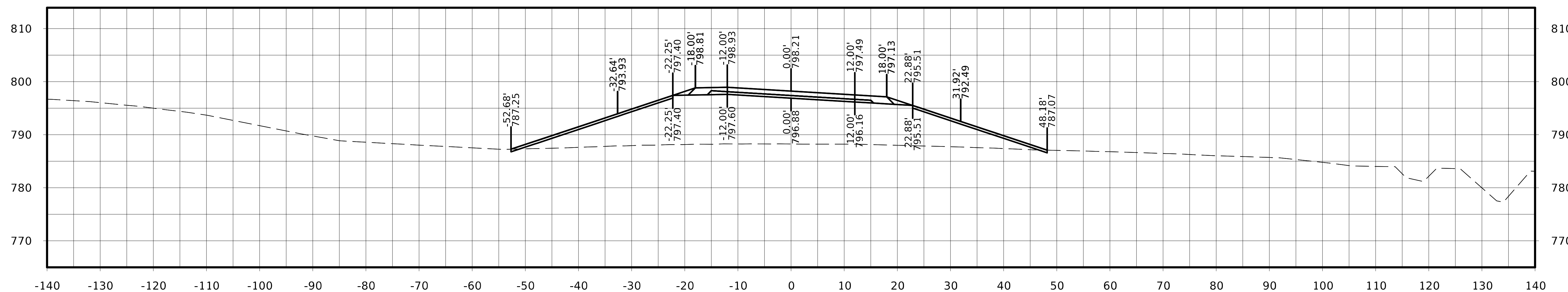
STA. 1006+50.00



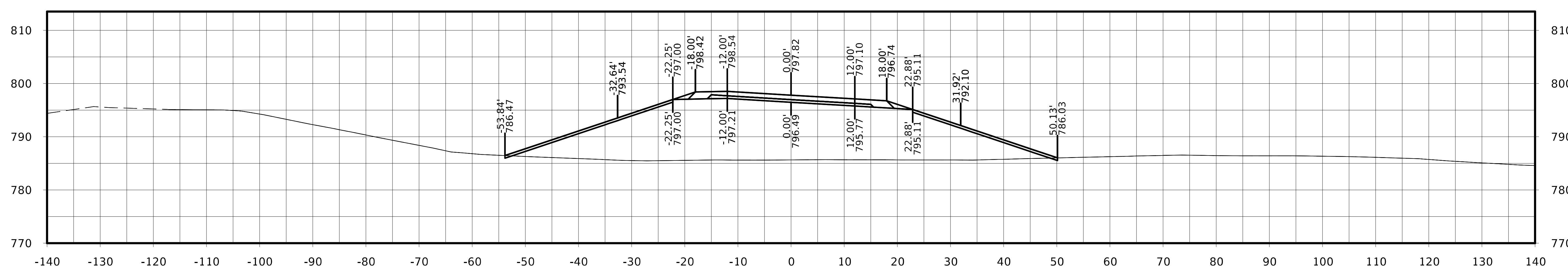
STA. 1006+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.340

North Shore Dr.



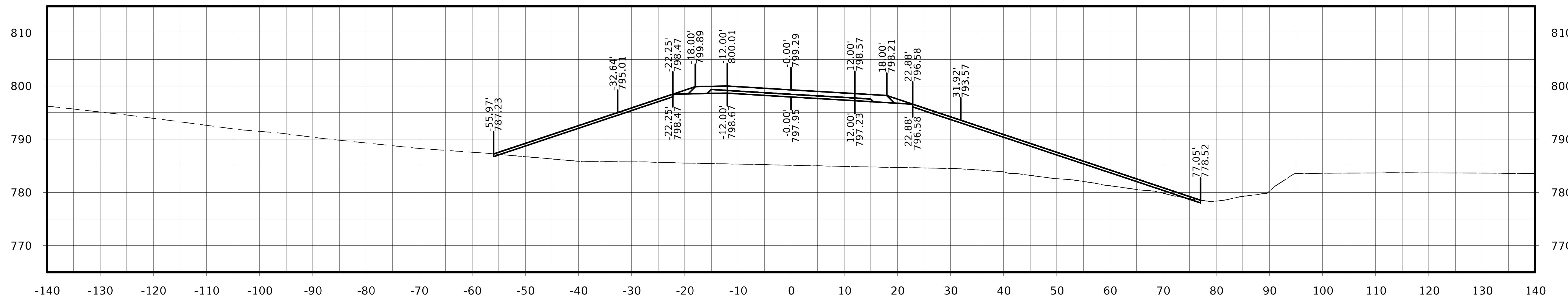
STA. 1007+25.00



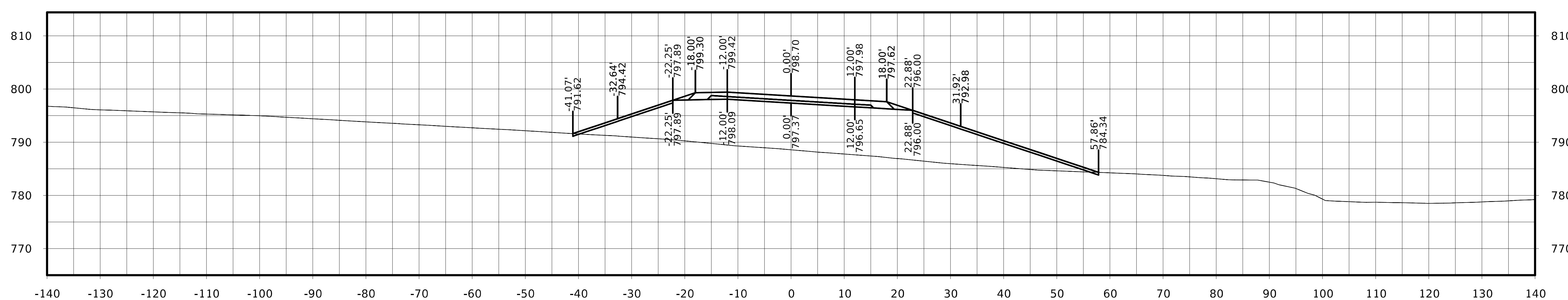
STA. 1007+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.341

North Shore Dr.



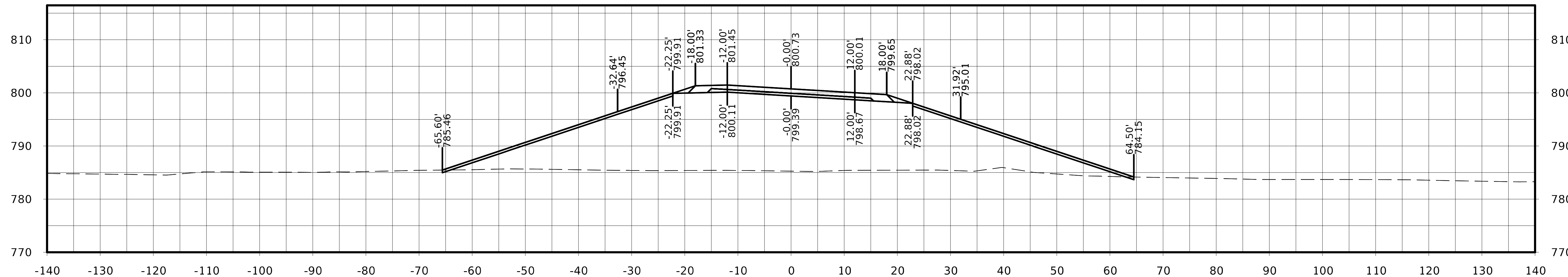
STA. 1007+75.00



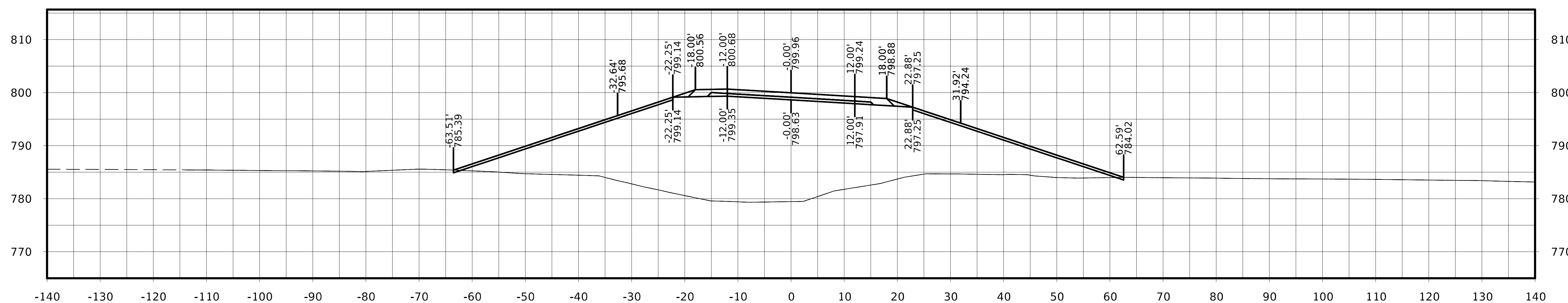
STA. 1007+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.342

North Shore Dr.



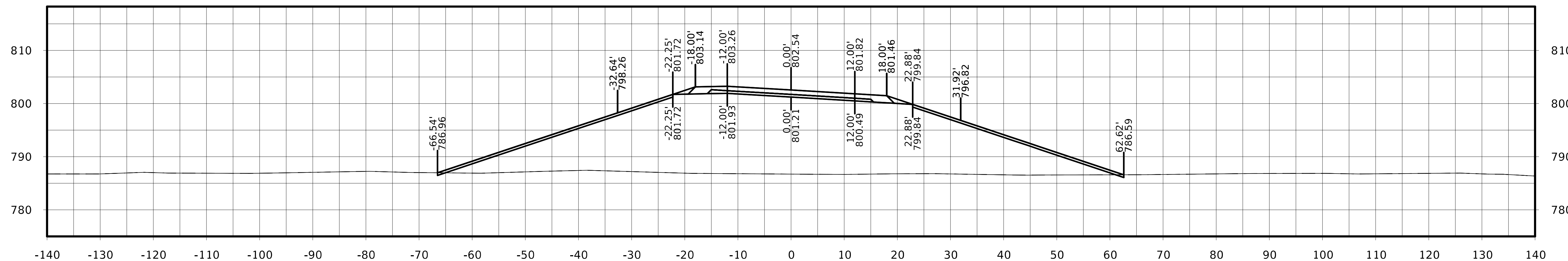
STA. 1008+25.00



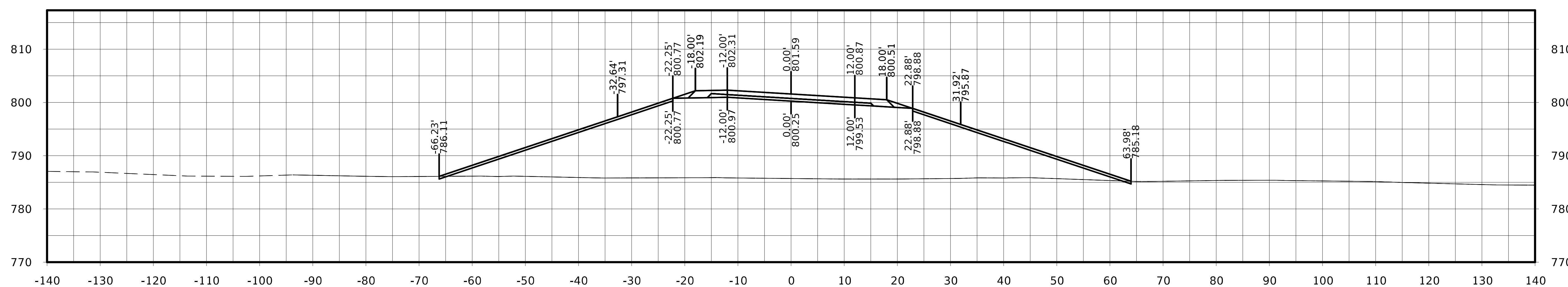
STA. 1008+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.343

North Shore Dr.

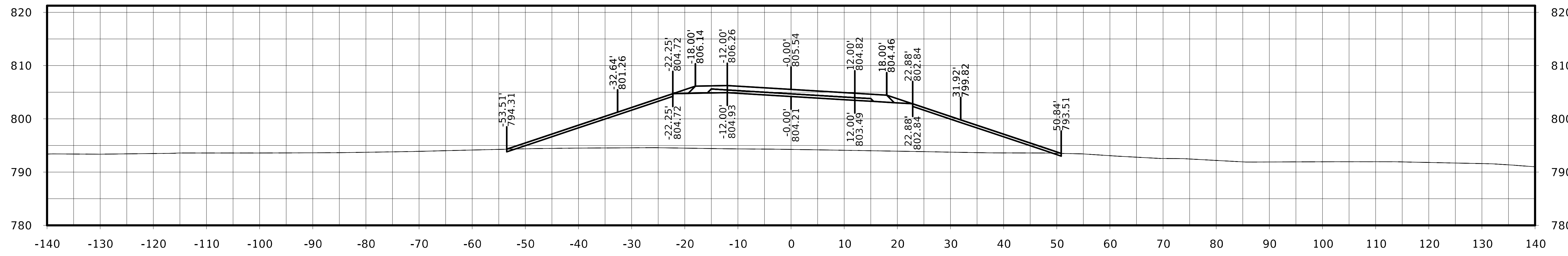


STA. 1008+75.00

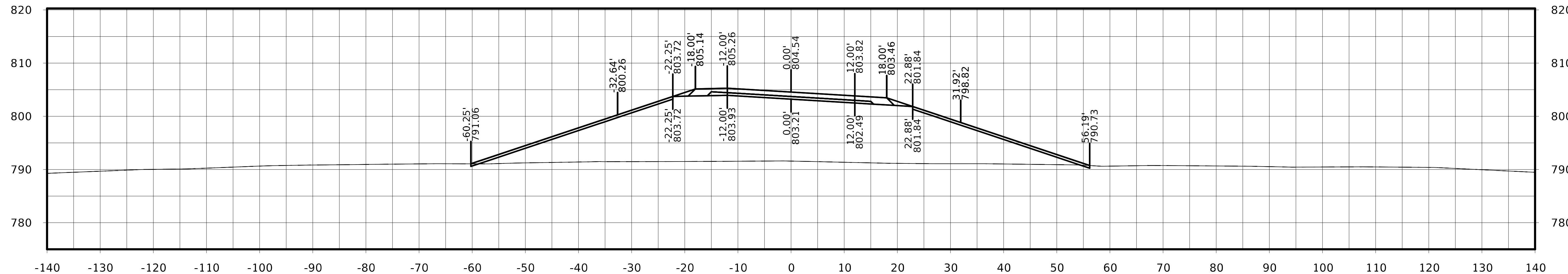


STA. 1008+50.00

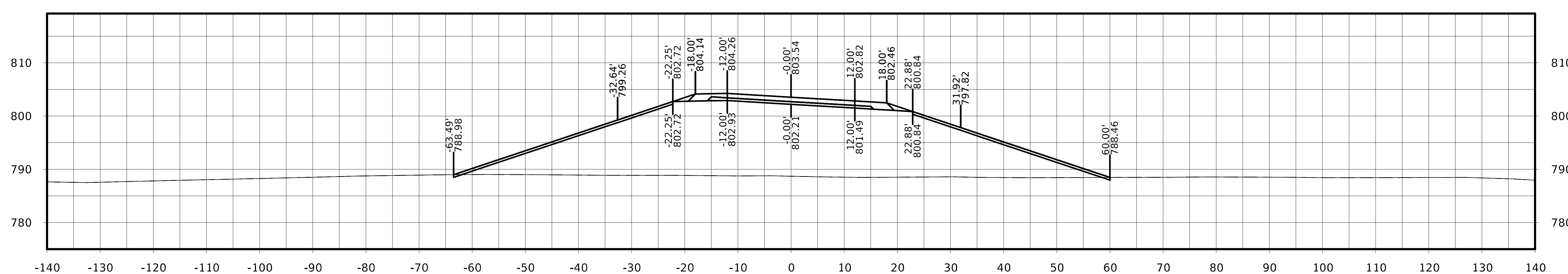
North Shore Dr.



STA. 1009+50.00



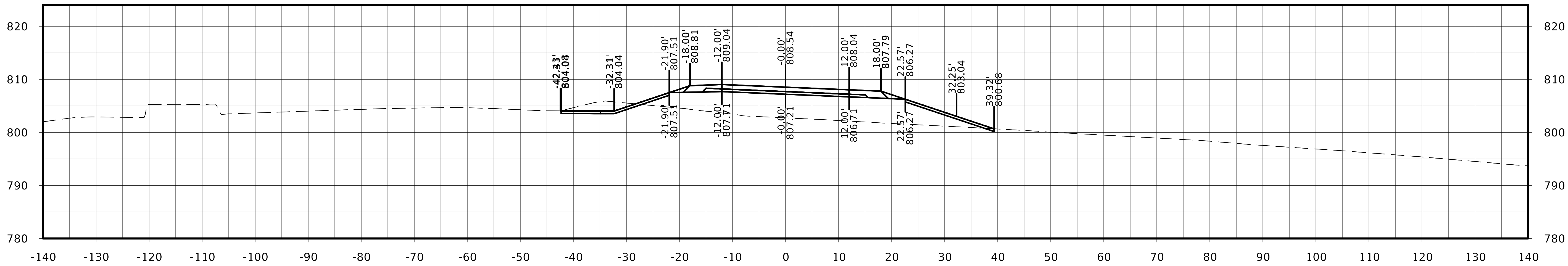
STA. 1009+25.00



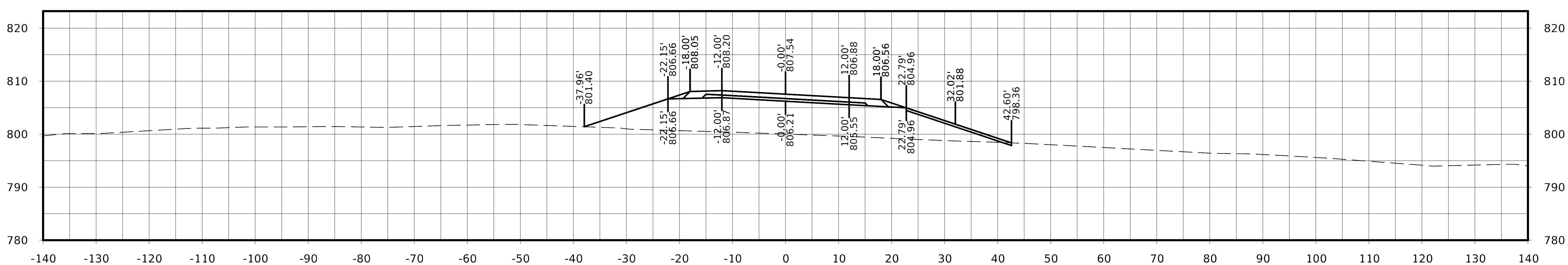
STA. 1009+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.345	

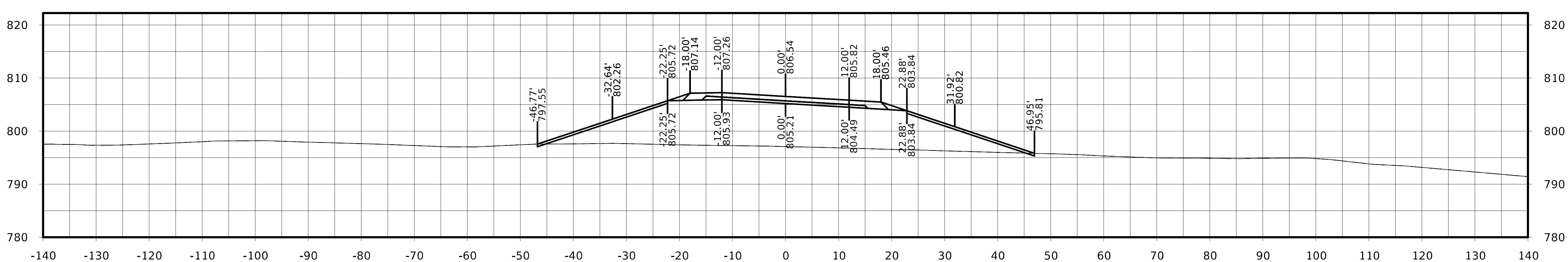
North Shore Dr.



STA. 1010+25.00



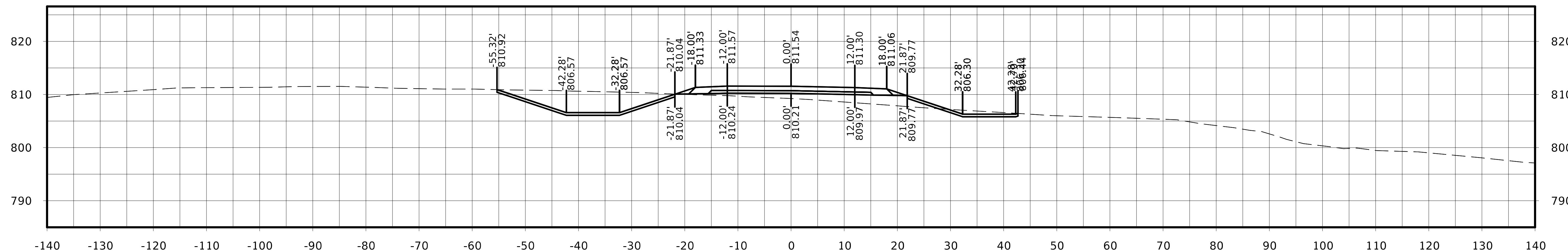
STA. 1010+00.00



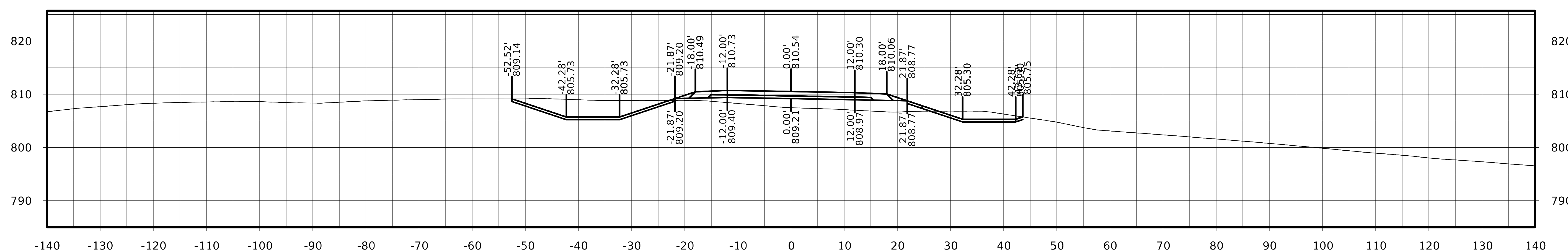
STA. 1009+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.346

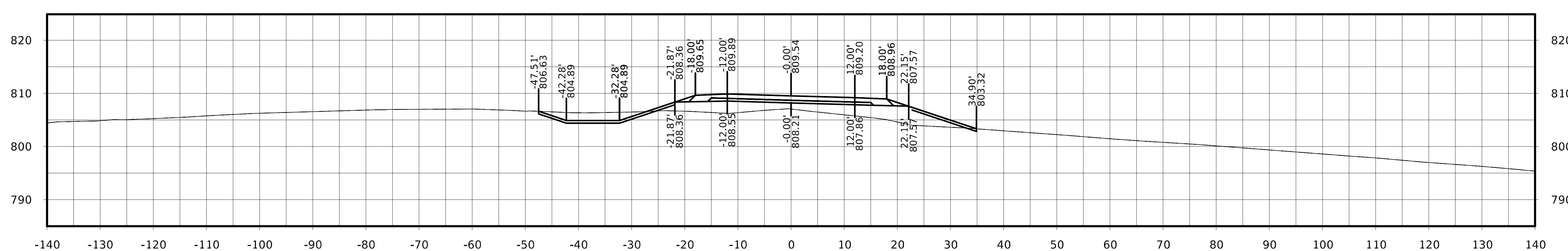
North Shore Dr.



STA. 1011+00.00



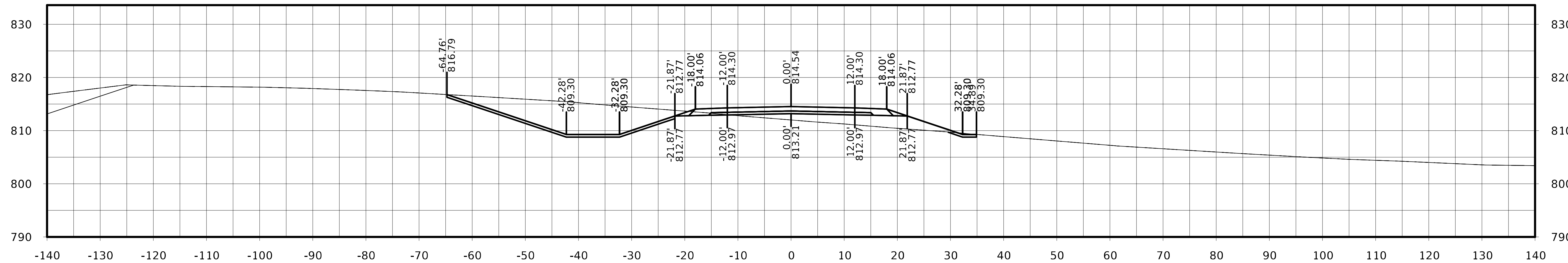
STA. 1010+75.00



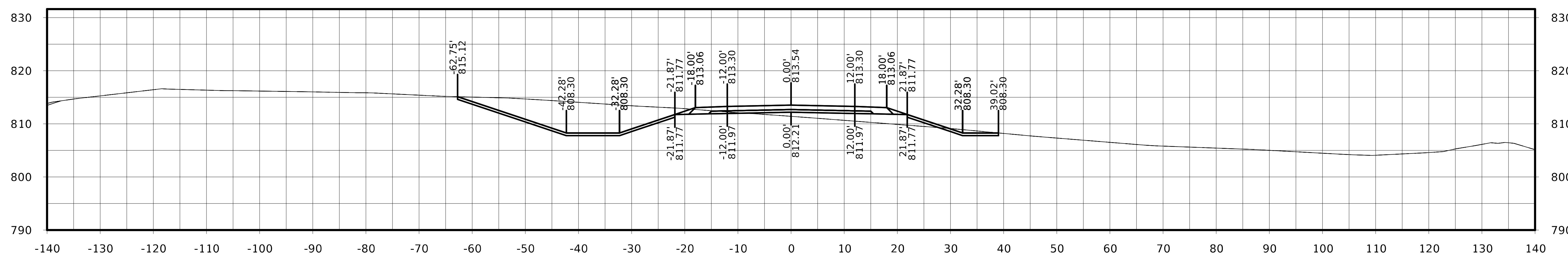
STA. 1010+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.347

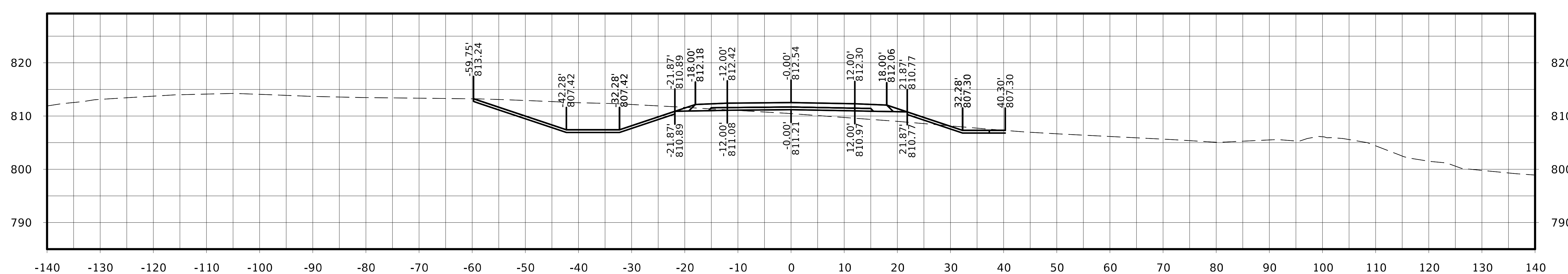
North Shore Dr.



STA. 1011+75.00



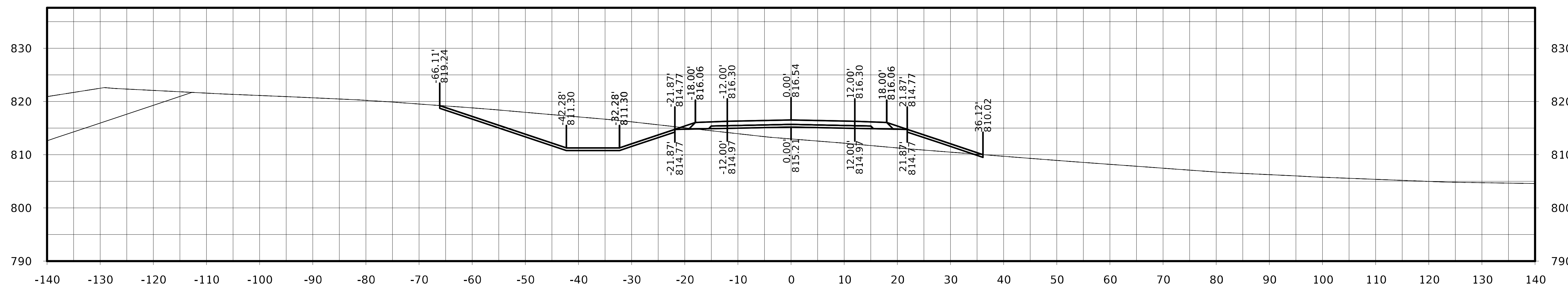
STA. 1011+50.00



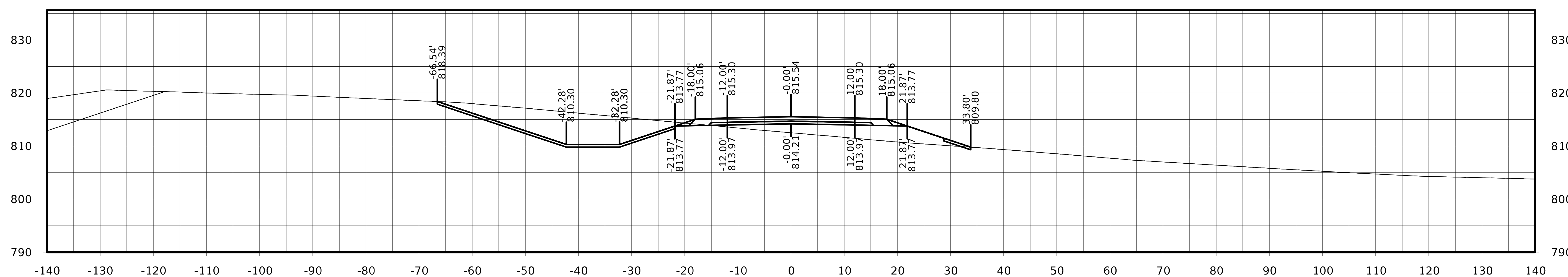
STA. 1011+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER W.348

North Shore Dr.



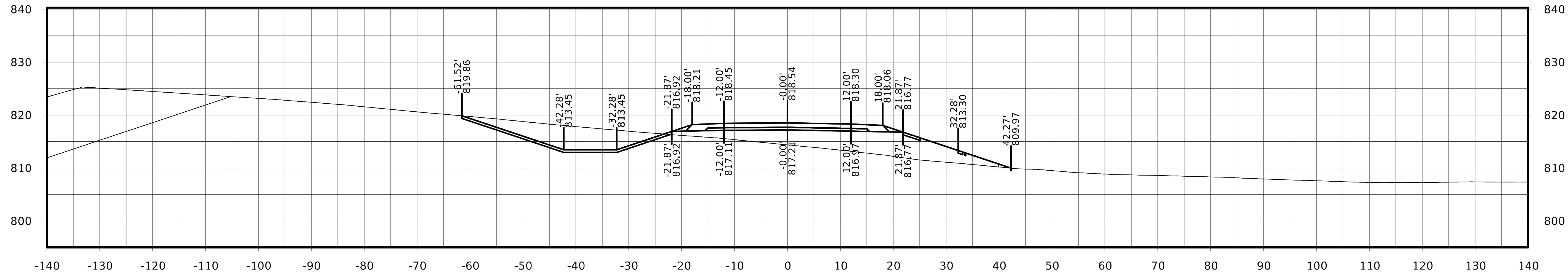
STA. 1012+25.00



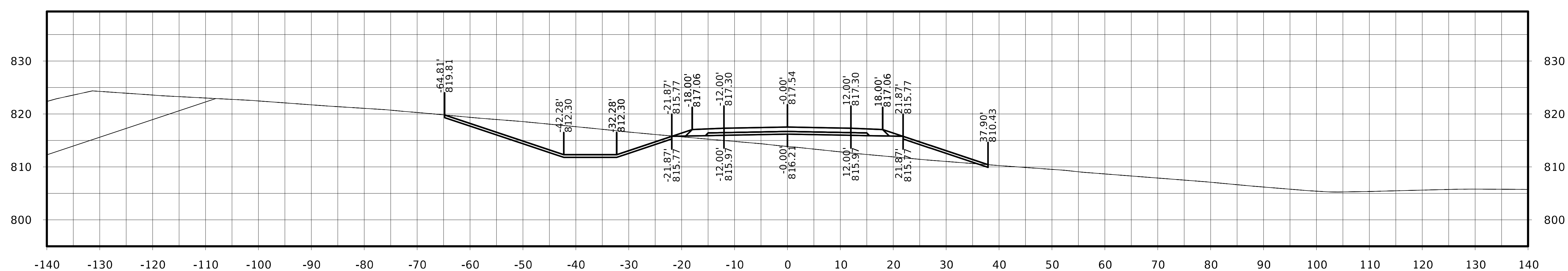
STA. 1012+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.349

North Shore Dr.



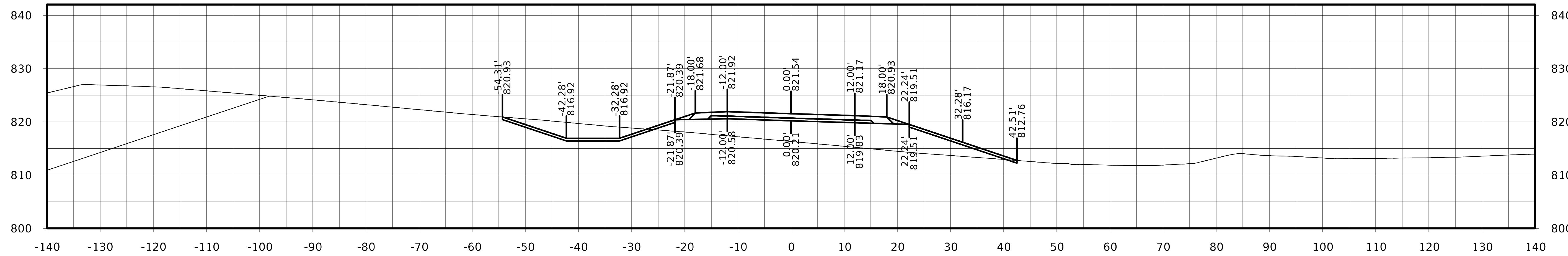
STA. 1012+75.00

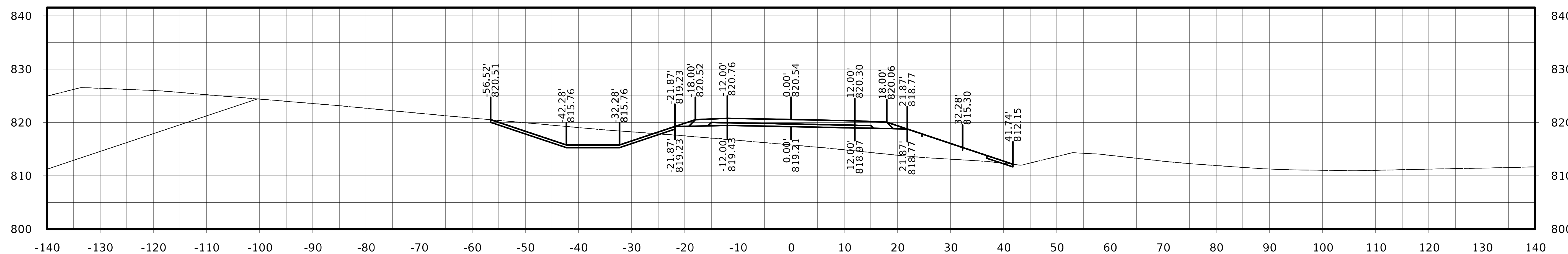


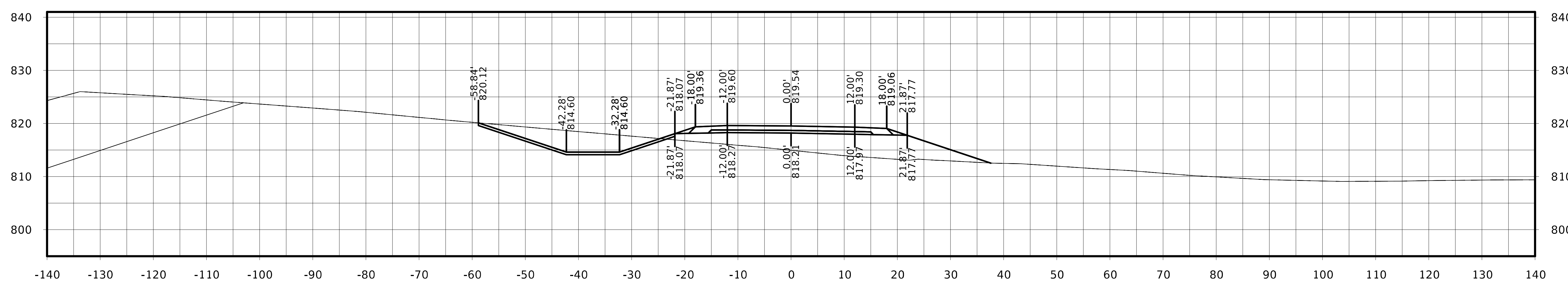
STA. 1012+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.350

North Shore Dr.

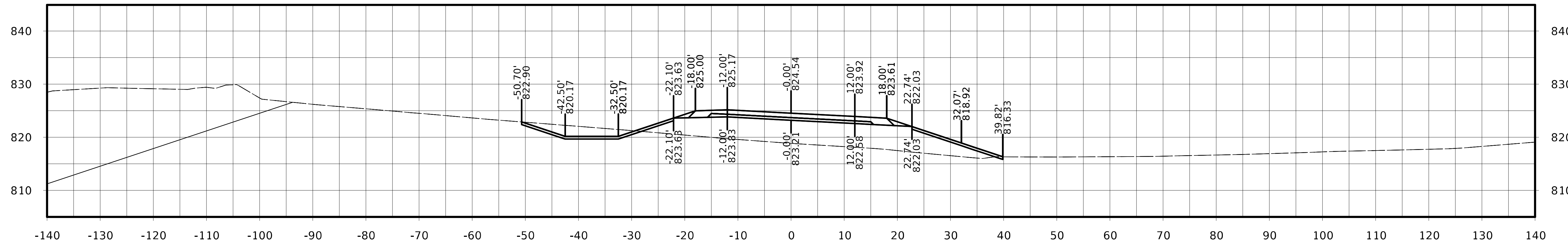




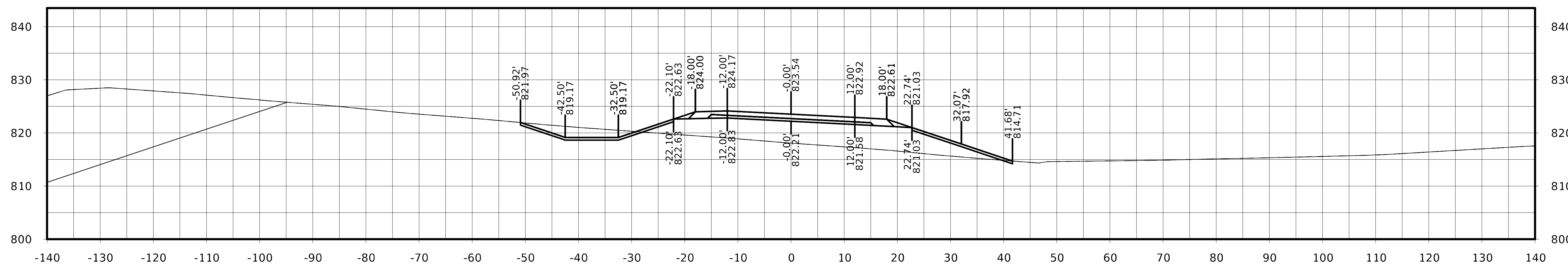


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.351

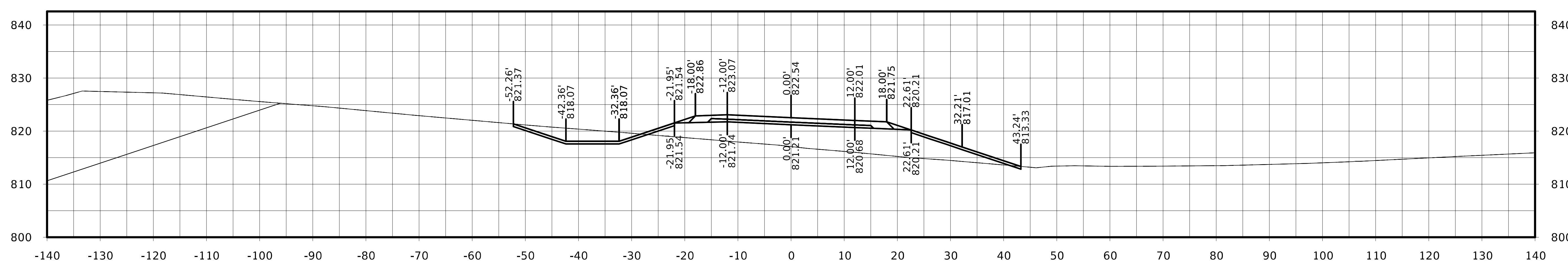
North Shore Dr.



STA. 1014+25.00

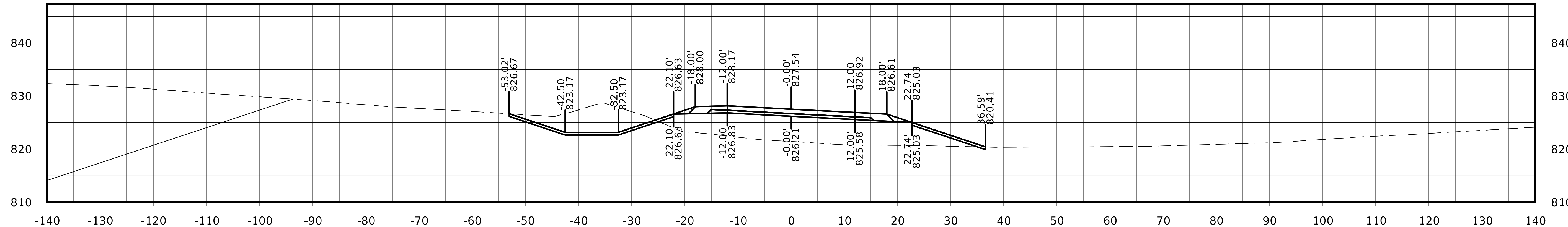


STA. 1014+00.00

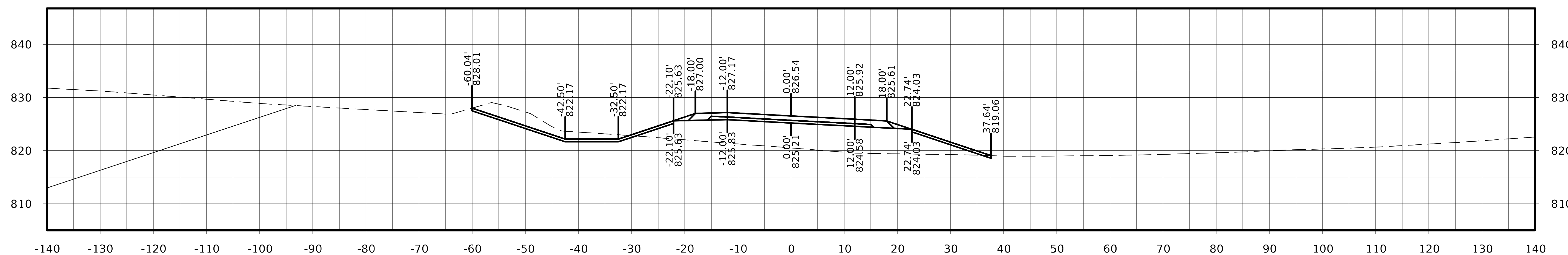


STA. 1013+75.00

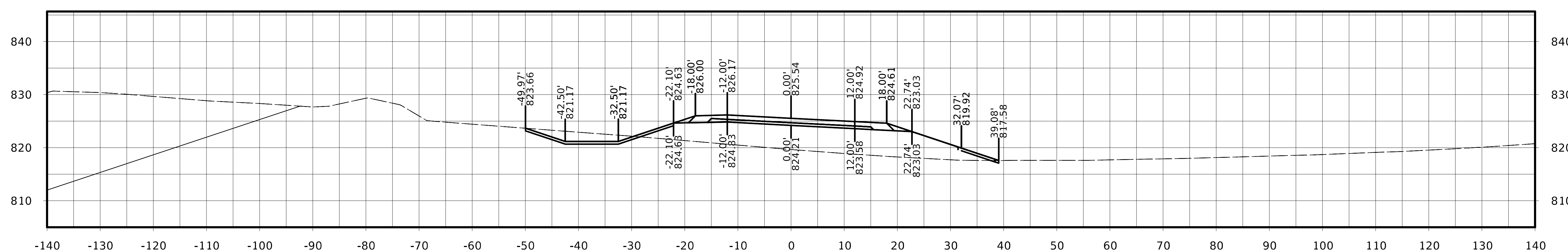
North Shore Dr.



STA. 1015+00.00



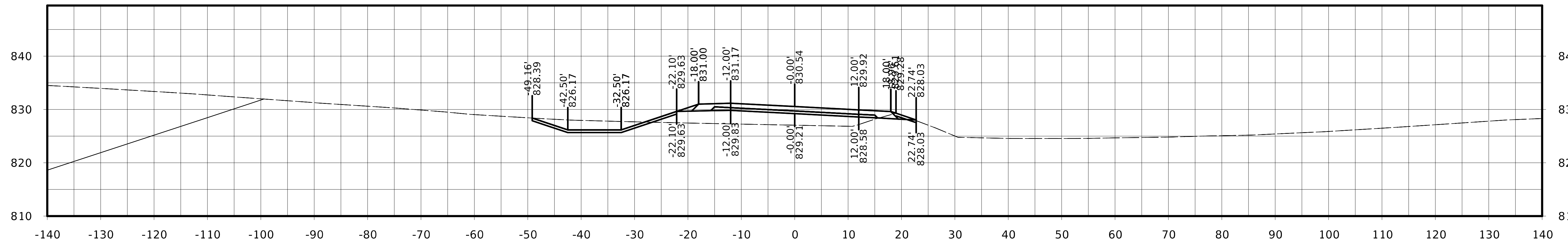
STA. 1014+75.00



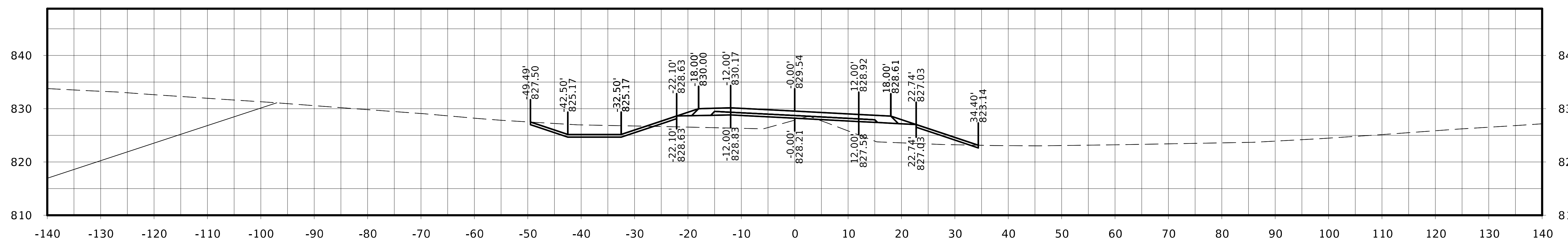
STA. 1014+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.353

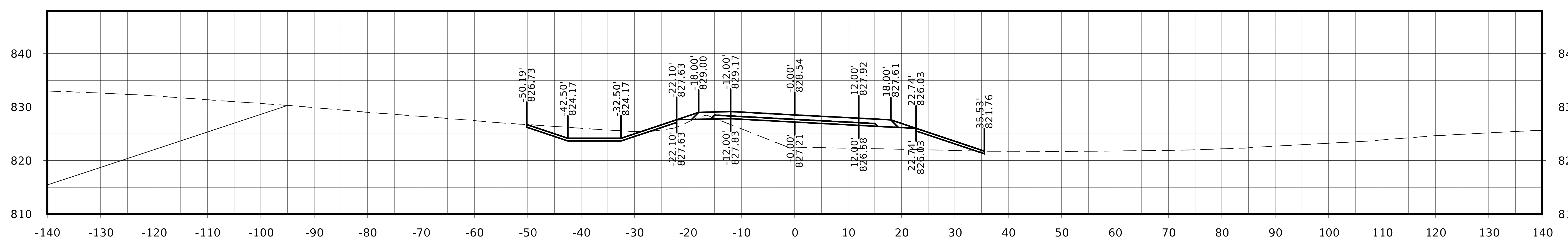
North Shore Dr.



STA. 1015+75.00

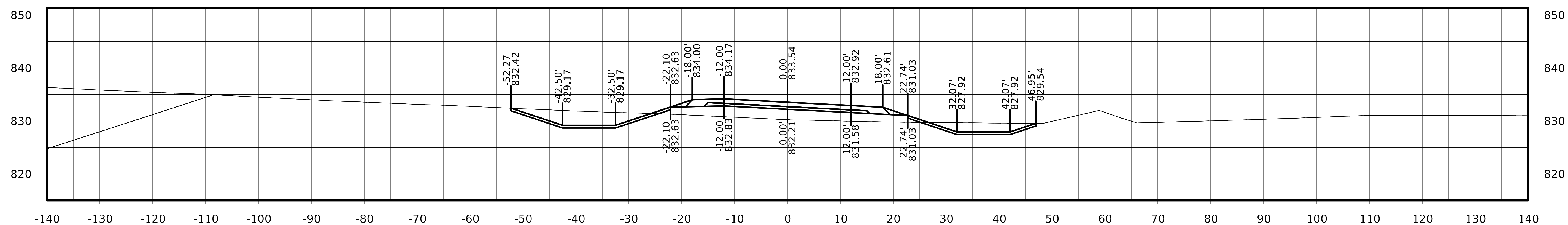


STA. 1015+50.00

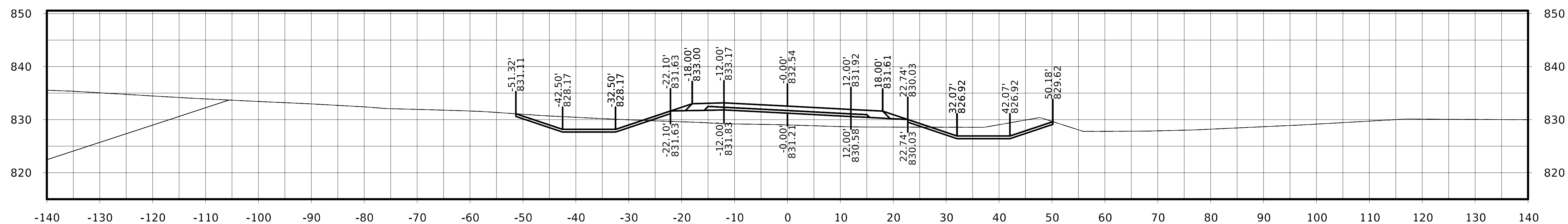


STA. 1015+25.00

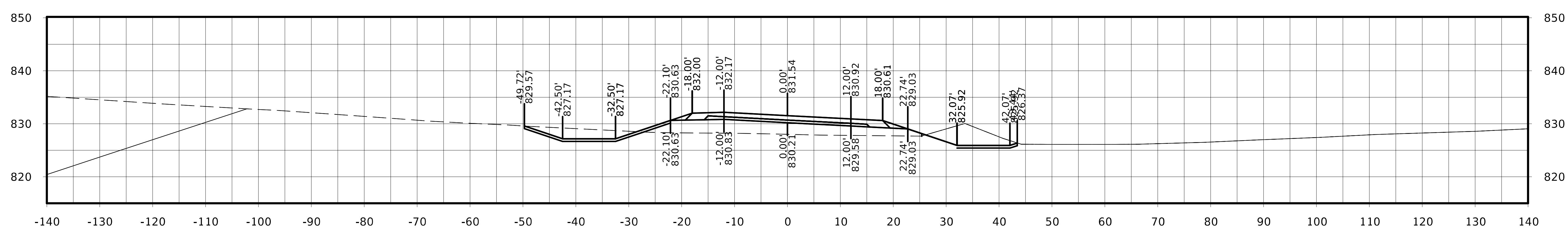
North Shore Dr.



STA. 1016+50.00



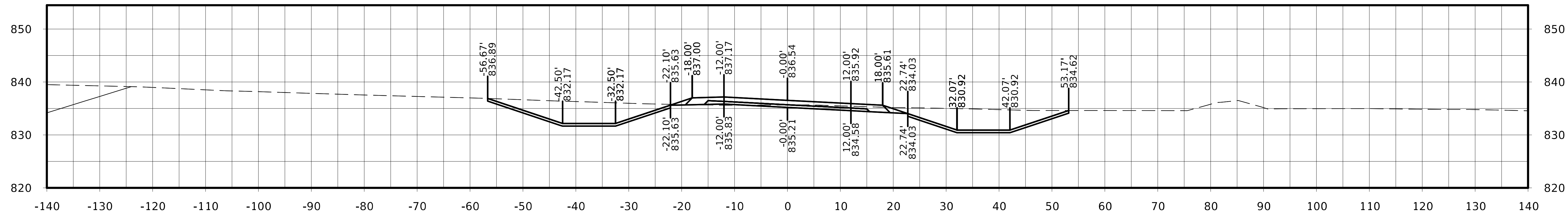
STA. 1016+25.00



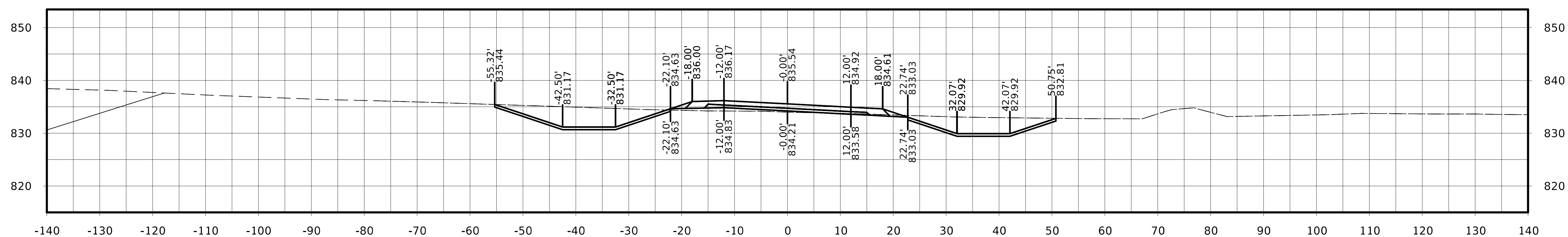
STA. 1016+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.355

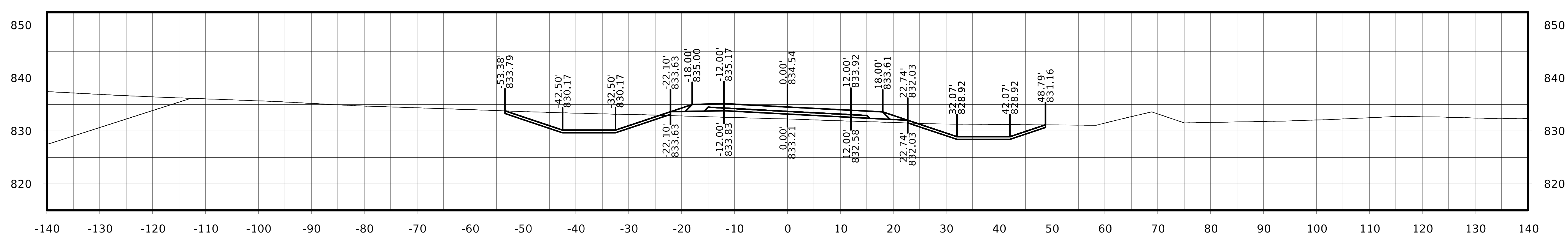
North Shore Dr.



STA. 1017+25.00

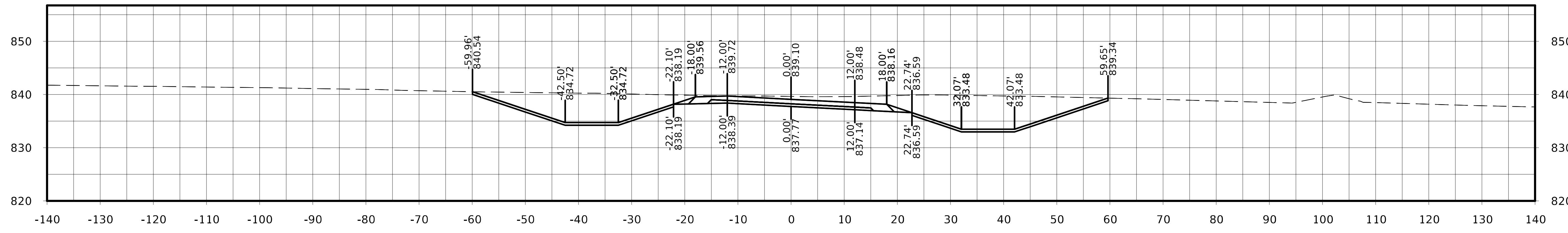


STA. 1017+00.00

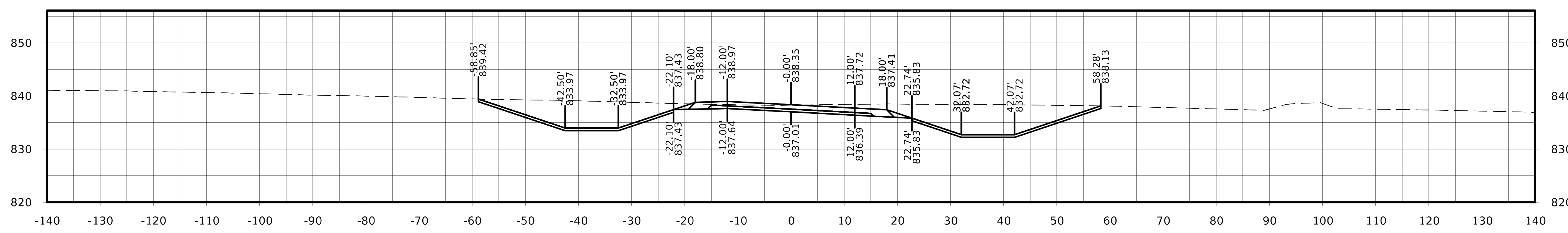


STA. 1016+75.00

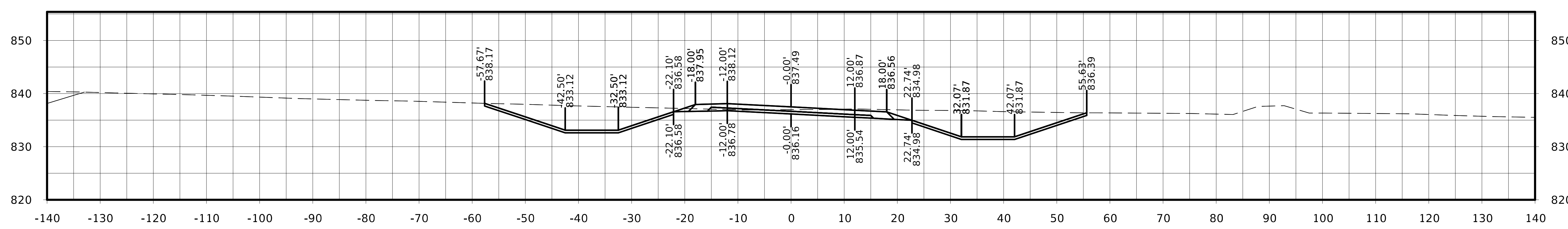
North Shore Dr.



STA. 1018+00.00



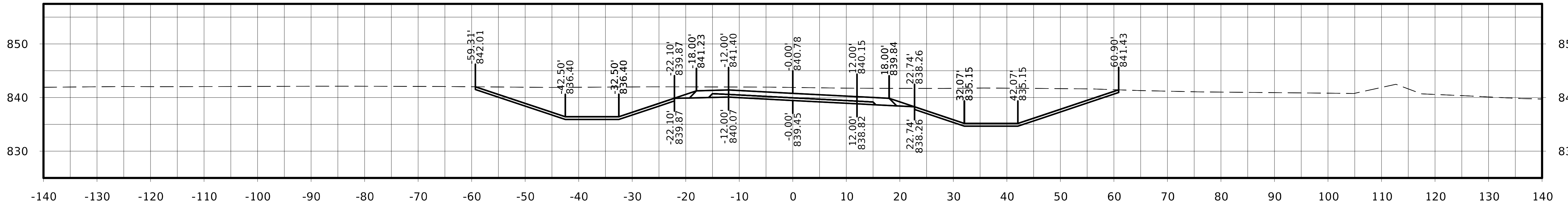
STA. 1017+75.00



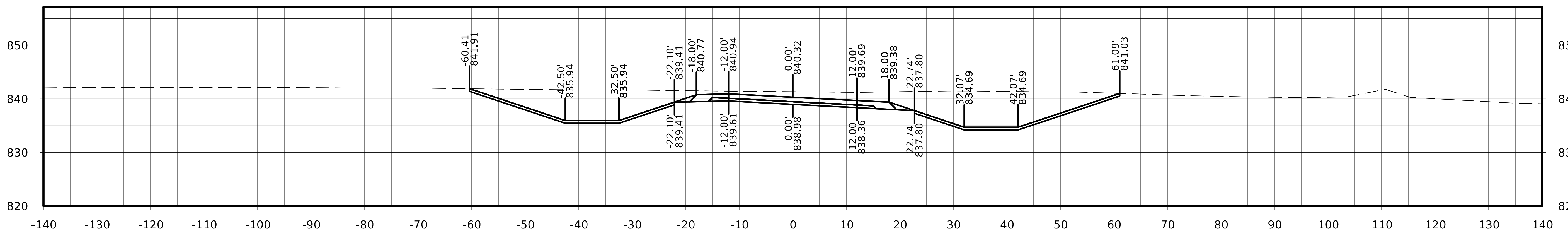
STA. 1017+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.357

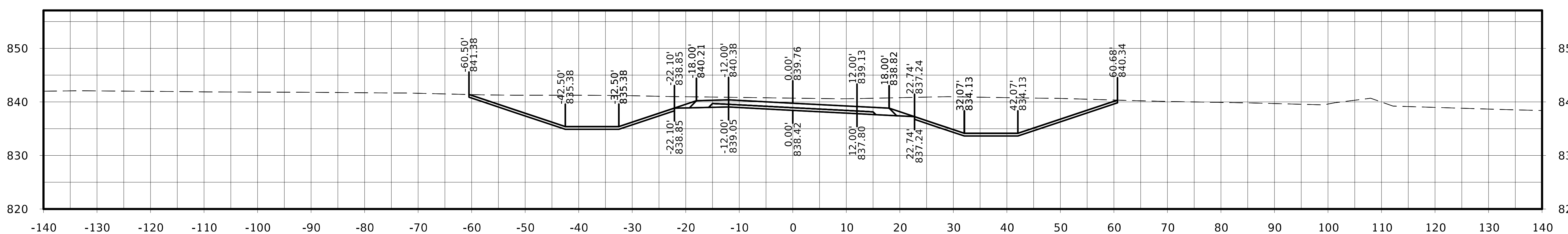
North Shore Dr.



STA. 1018+75.00



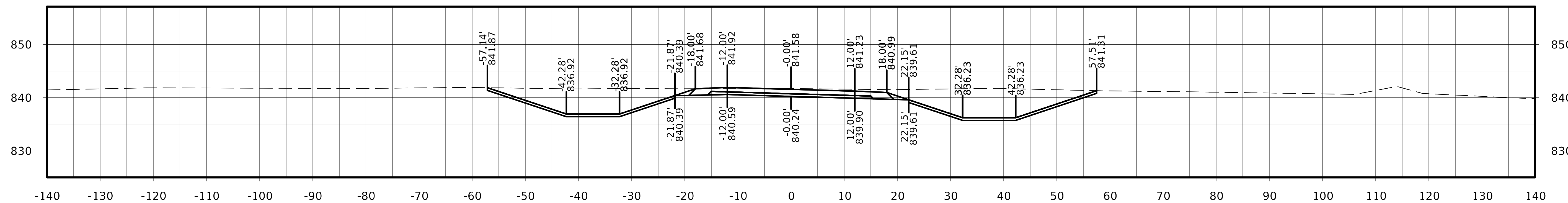
STA. 1018+50.00



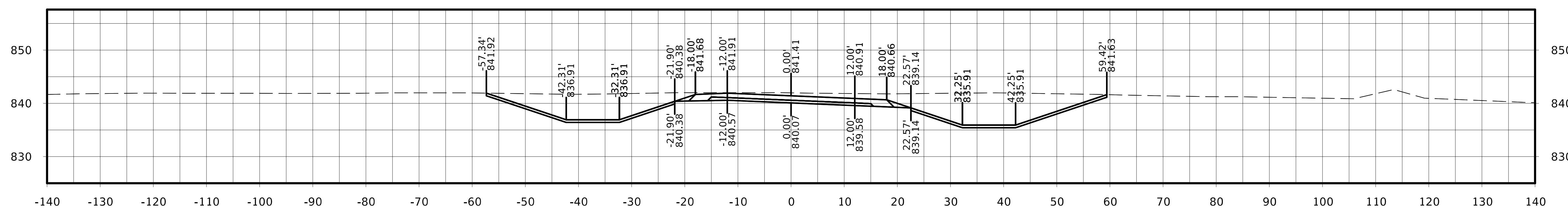
STA. 1018+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.358

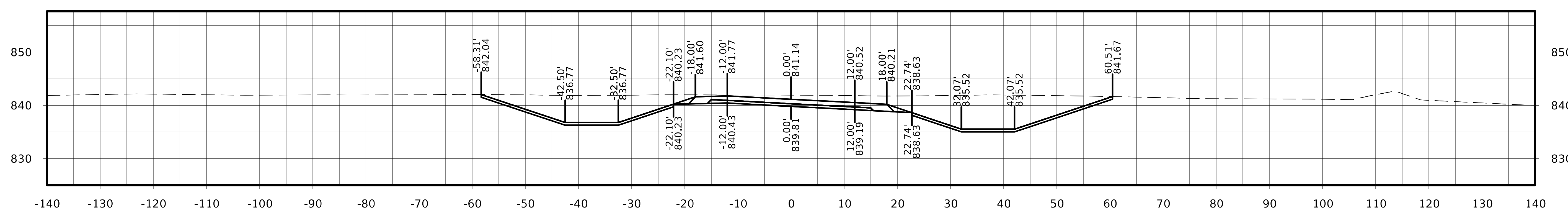
North Shore Dr.



STA. 1019+50.00



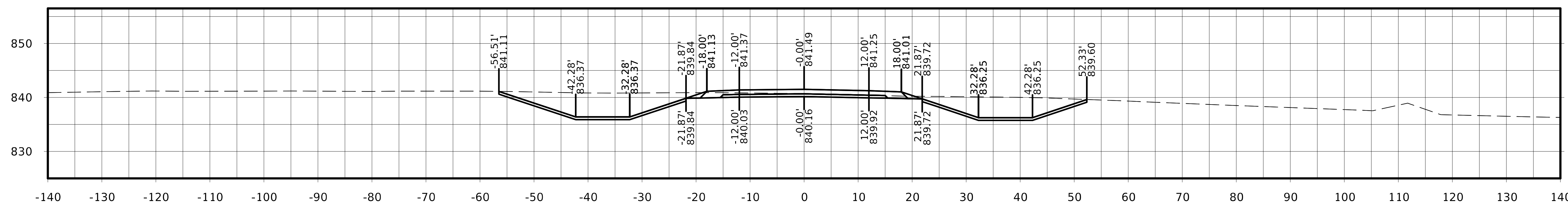
STA. 1019+25.00



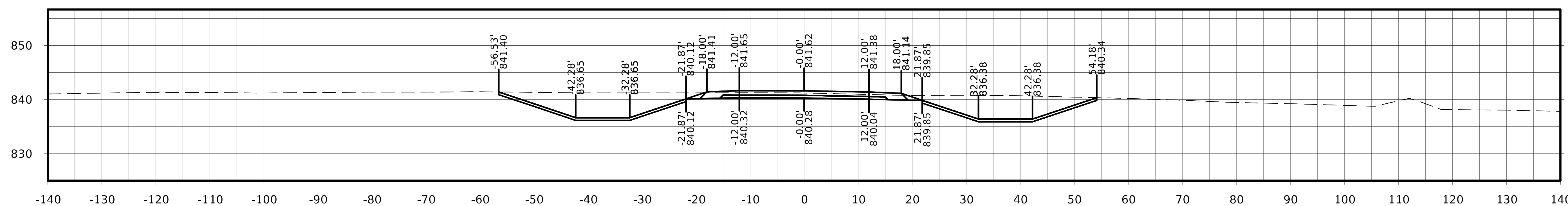
STA. 1019+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.359

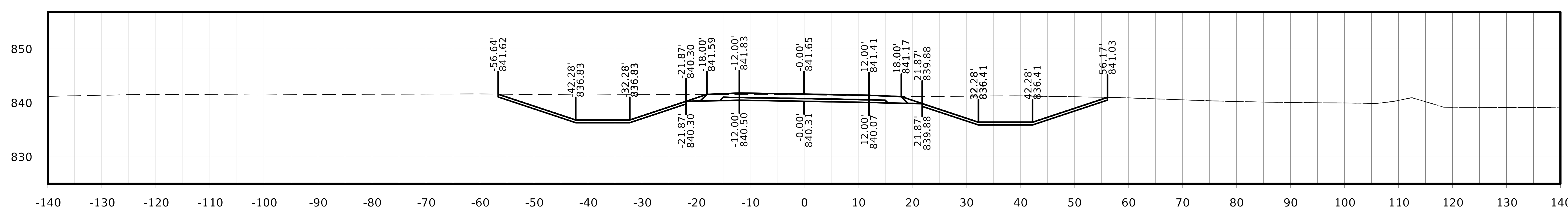
North Shore Dr.



STA. 1020+25.00



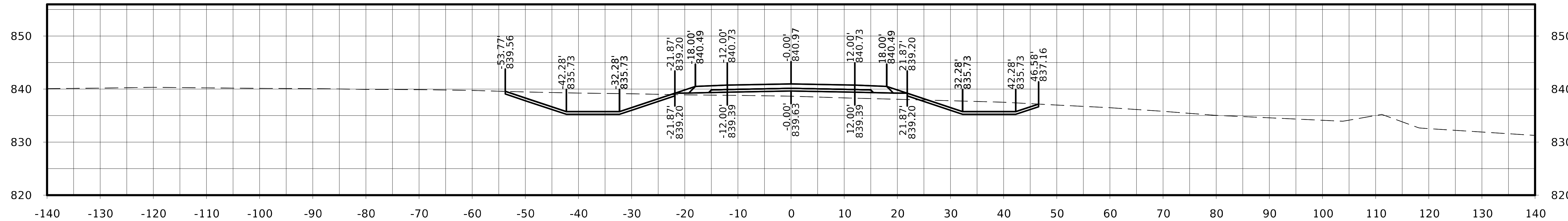
STA. 1020+00.00



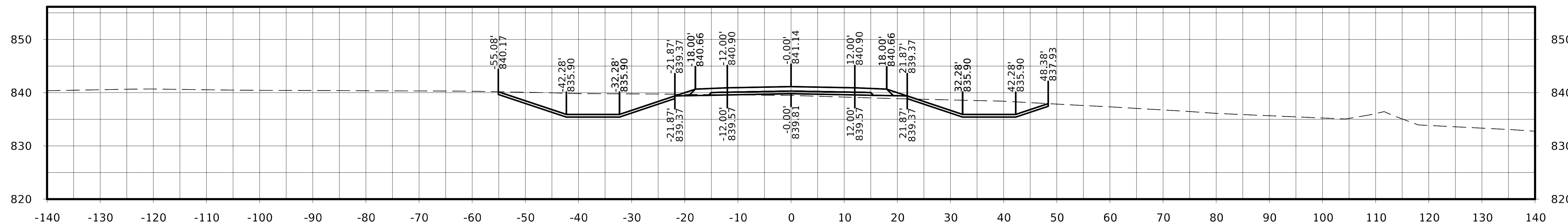
STA. 1019+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.360

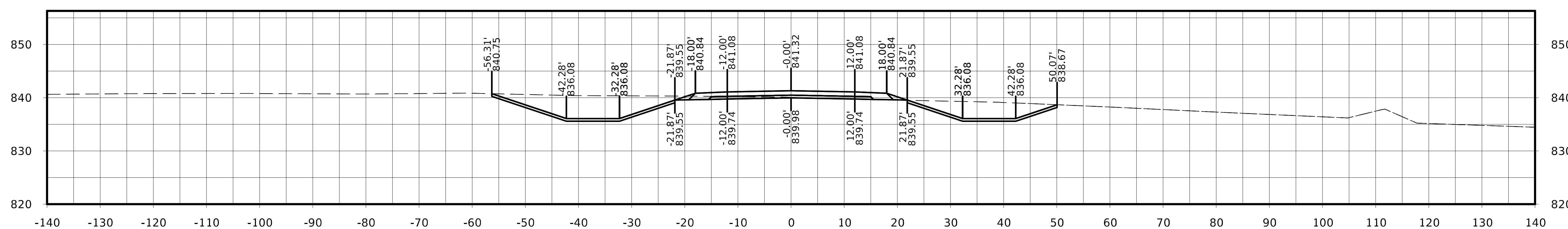
North Shore Dr.



STA. 1021+00.00



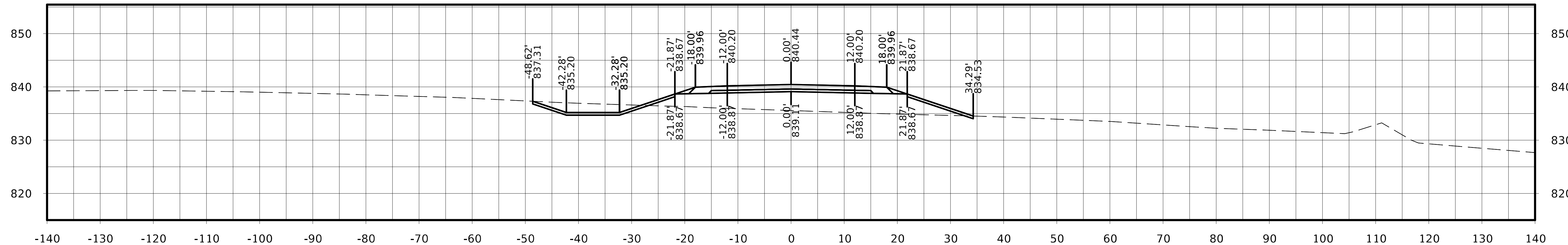
STA. 1020+75.00



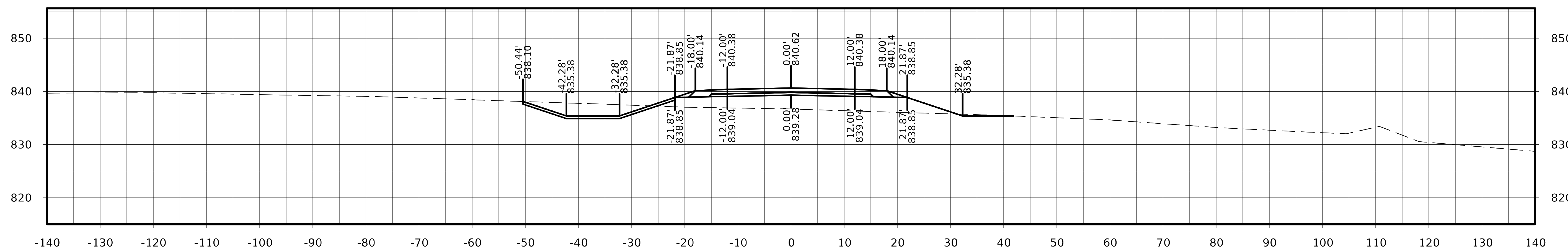
STA. 1020+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.361

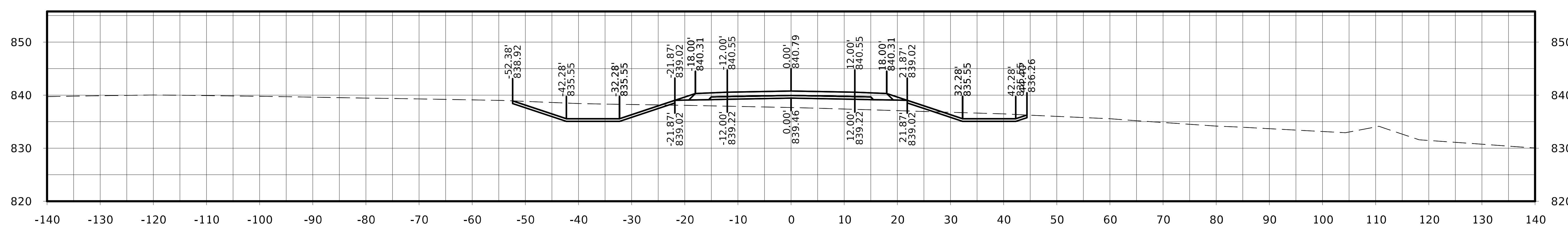
North Shore Dr.



STA. 1021+75.00

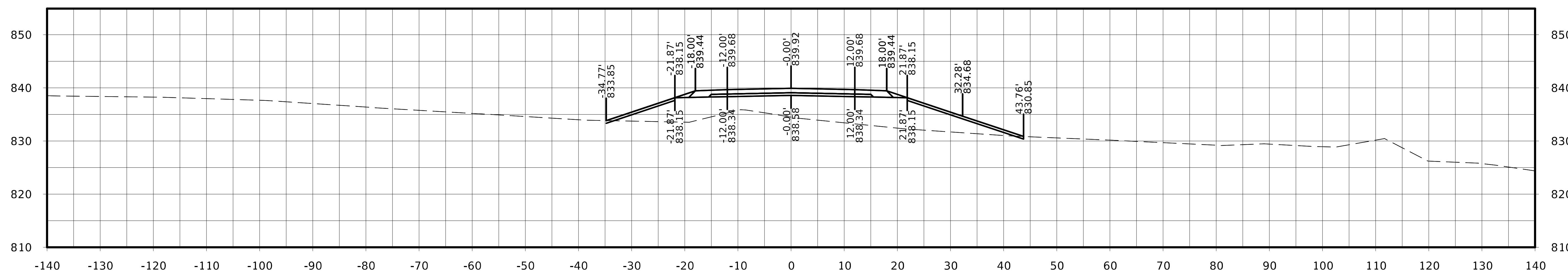


STA. 1021+50.00

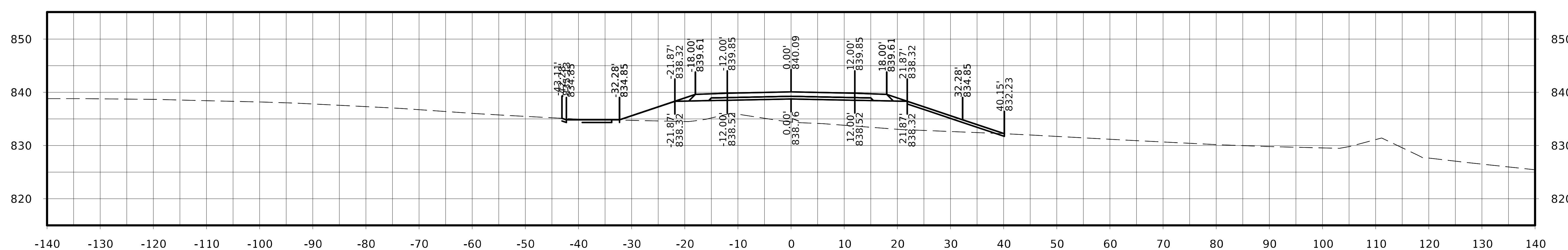


STA. 1021+25.00

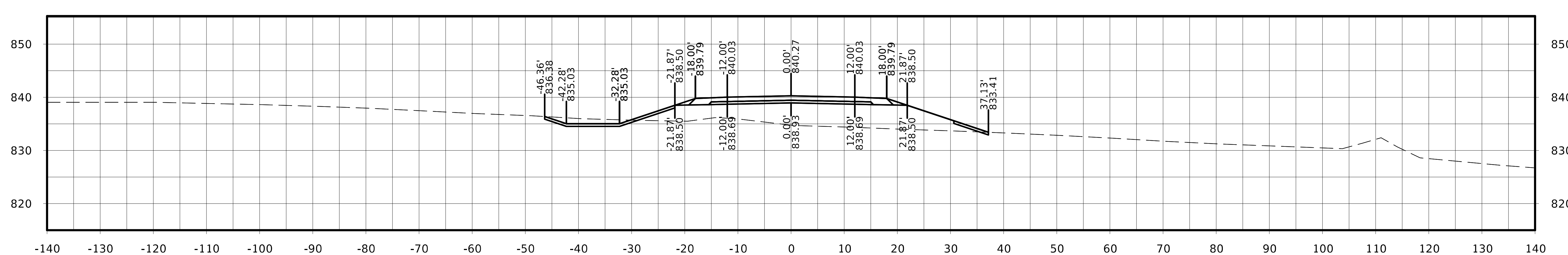
North Shore Dr.



STA. 1022+50.00



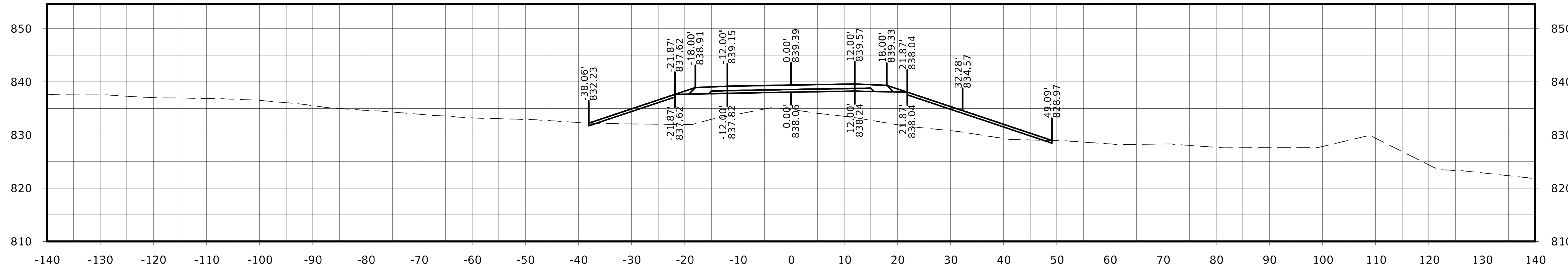
STA. 1022+25.00

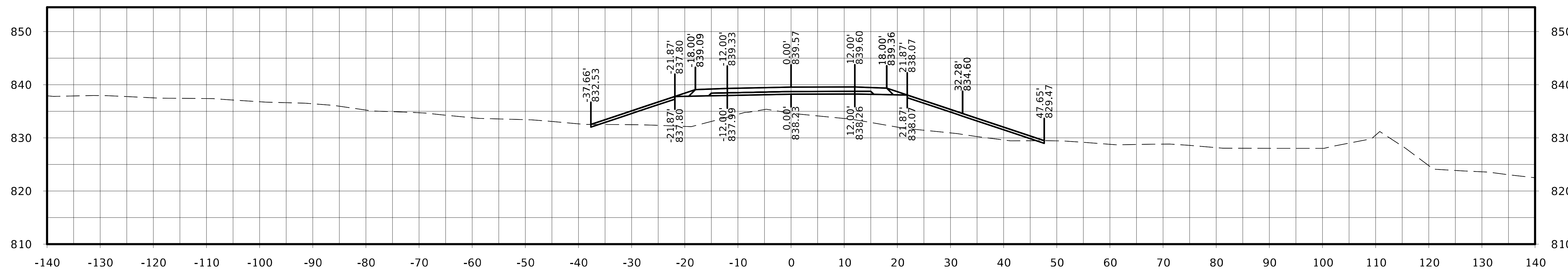


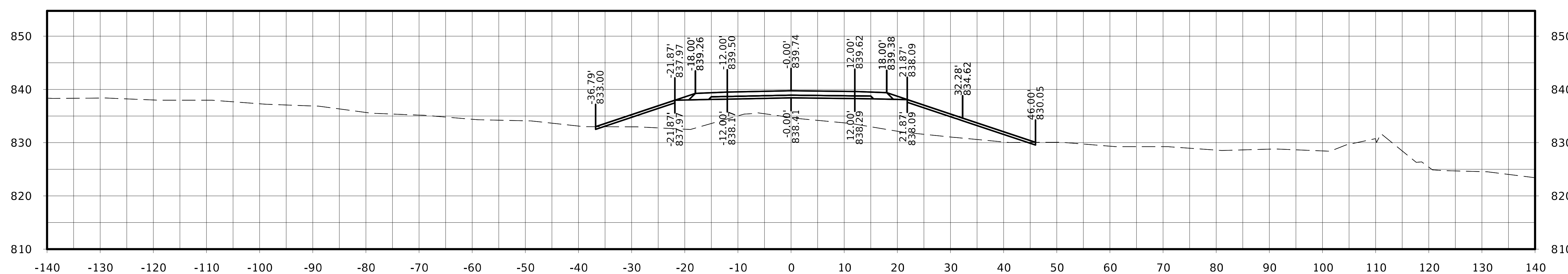
STA. 1022+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.363

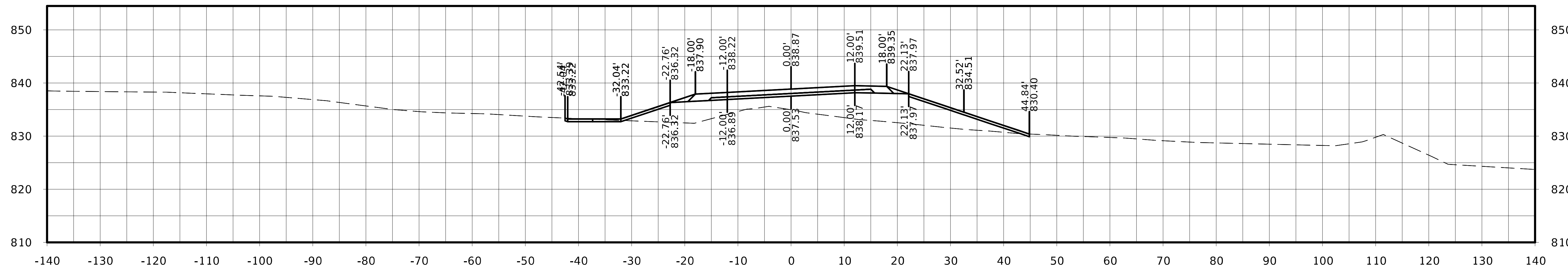
North Shore Dr.



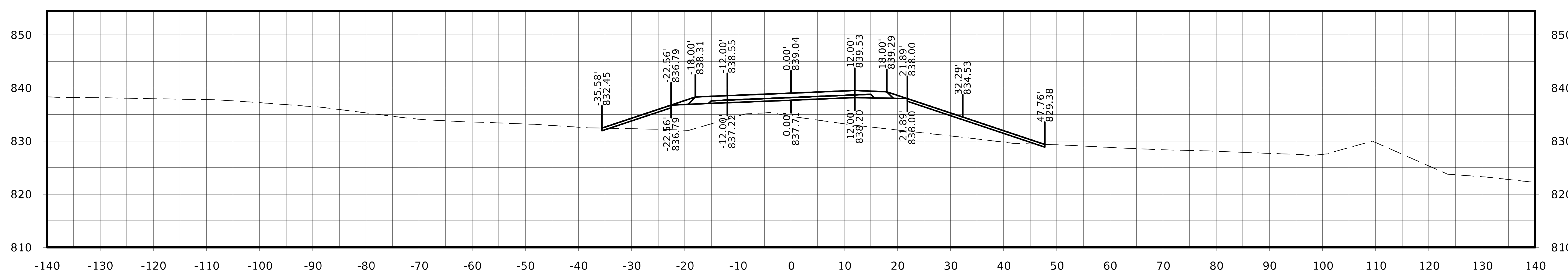




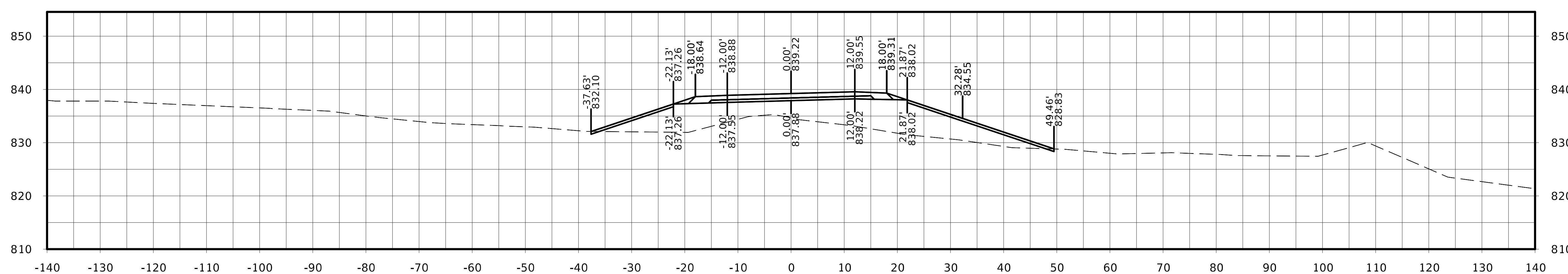
North Shore Dr.



STA. 1024+00.00



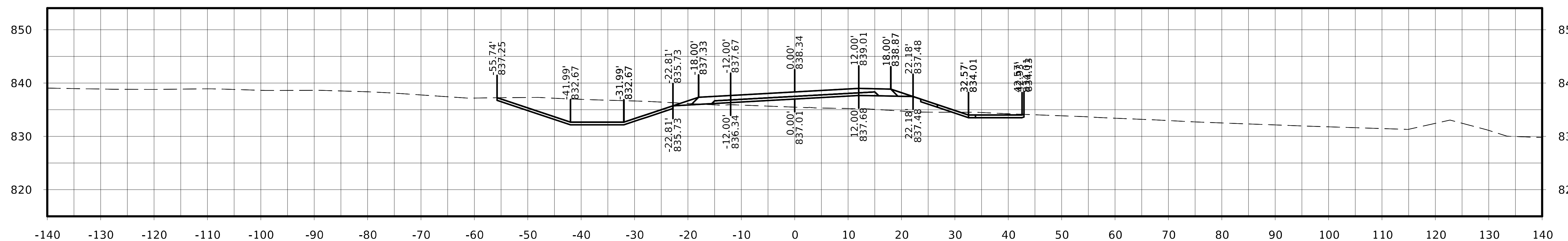
STA. 1023+75.00



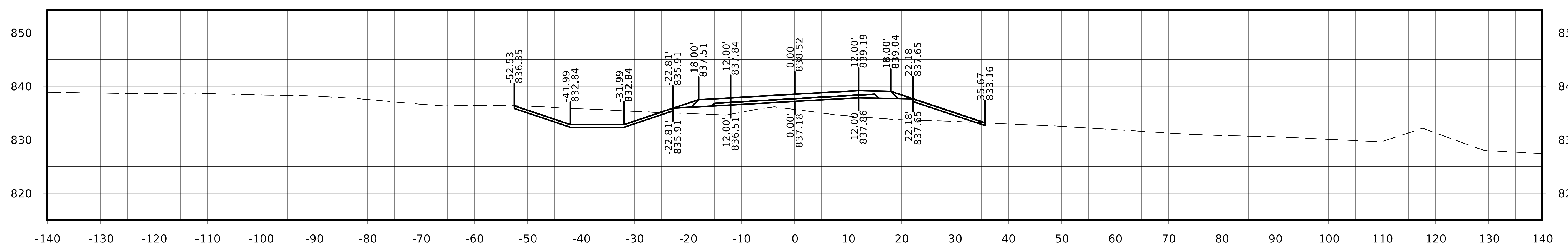
STA. 1023+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER W.365	

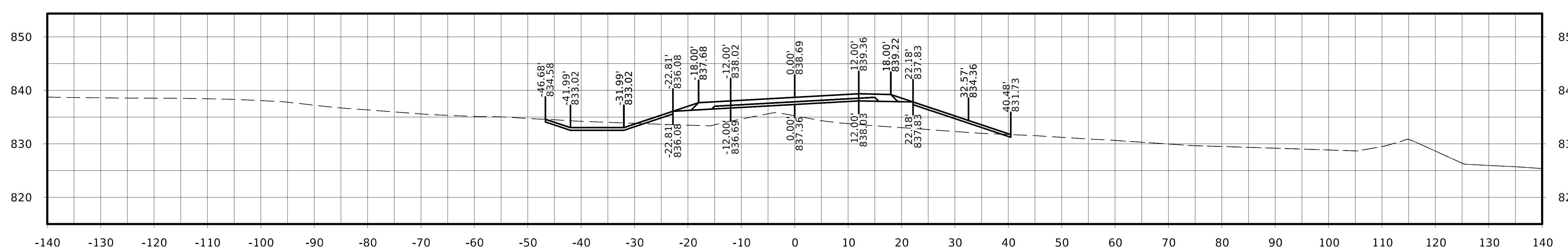
North Shore Dr.



STA. 1024+75.00



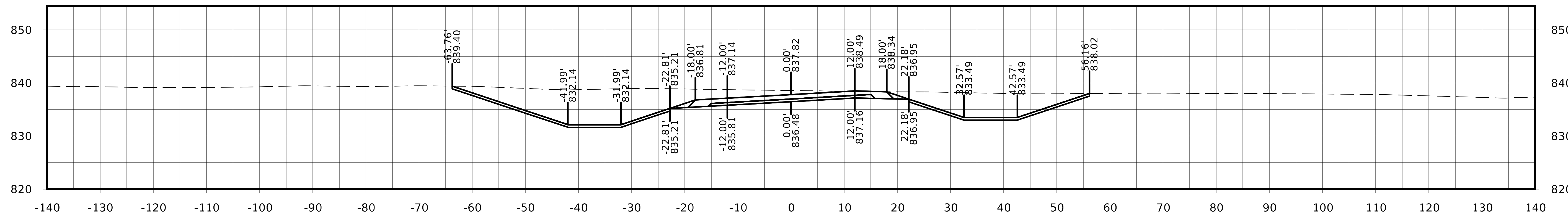
STA. 1024+50.00



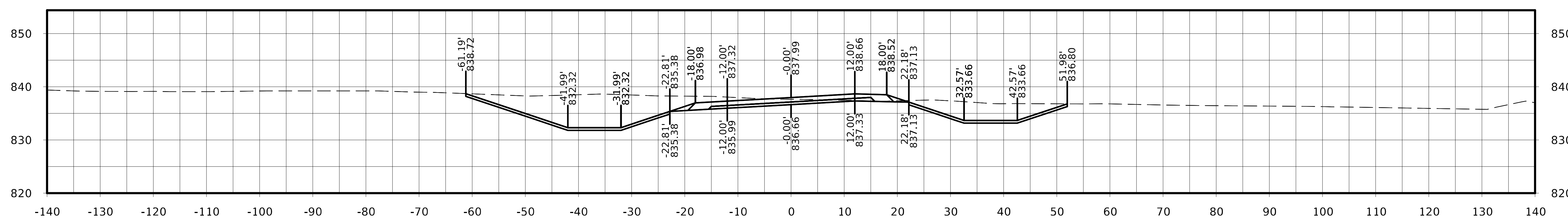
STA. 1024+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.366

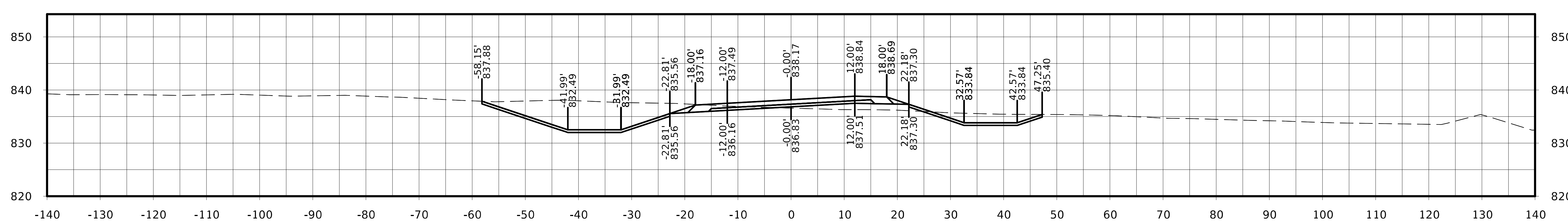
North Shore Dr.



STA. 1025+50.00



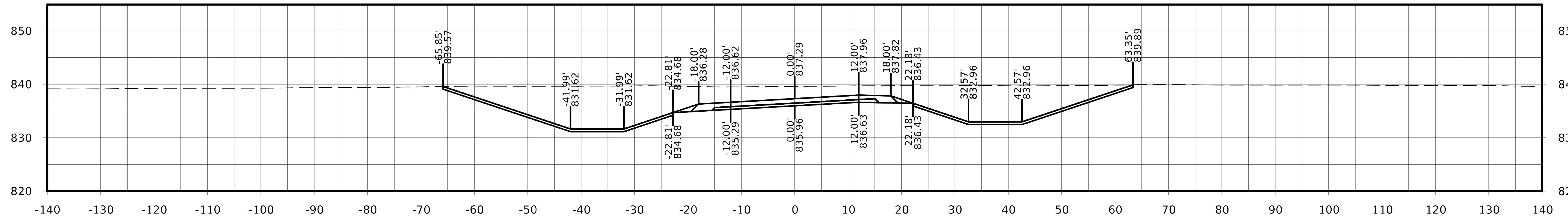
STA. 1025+25.00



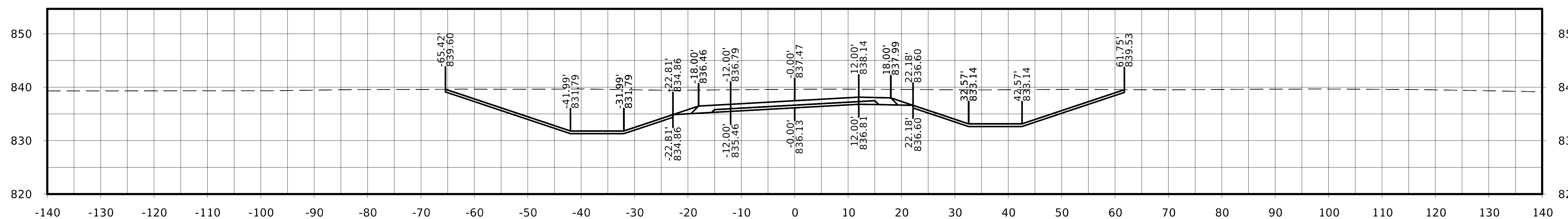
STA. 1025+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.367

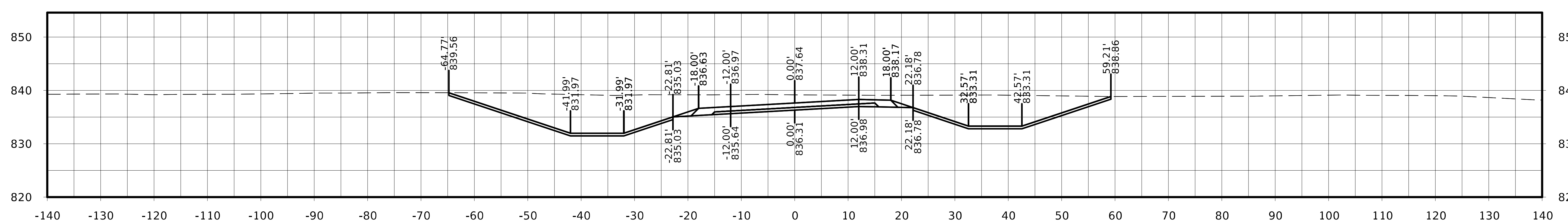
North Shore Dr.



STA. 1026+25.00



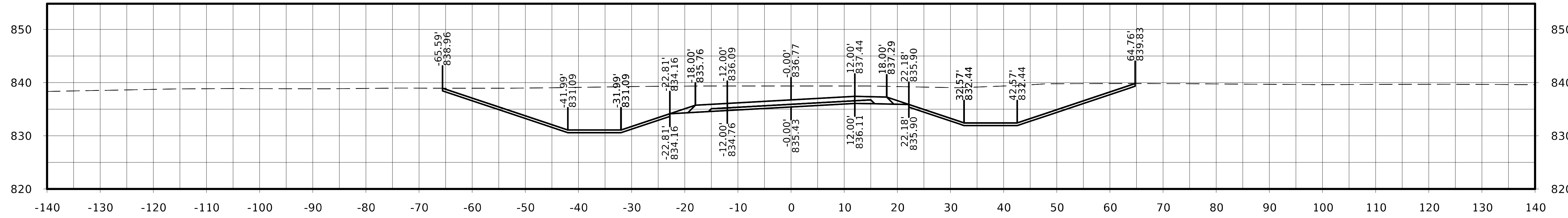
STA. 1026+00.00



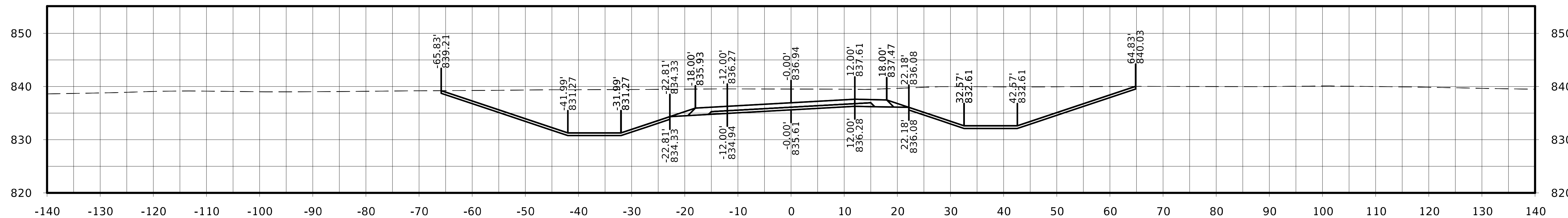
STA. 1025+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.368

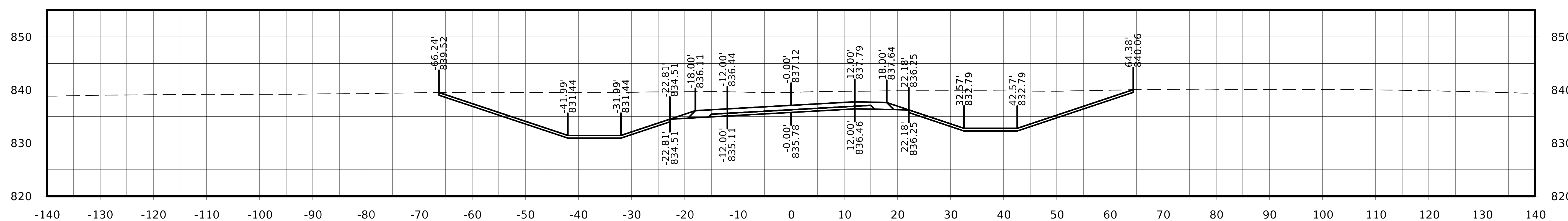
North Shore Dr.



STA. 1027+00.00



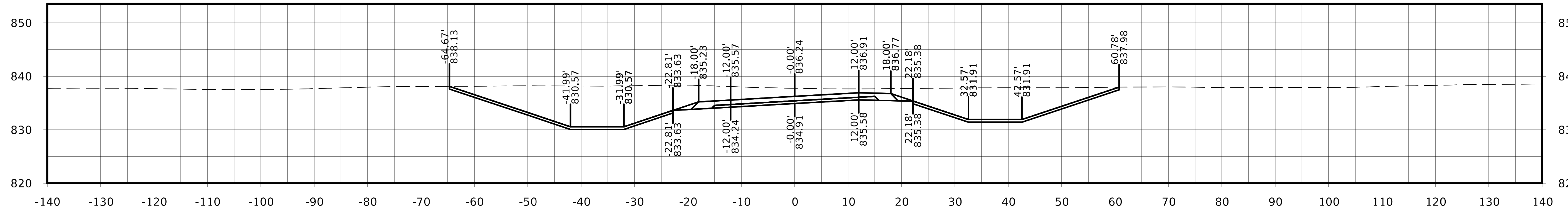
STA. 1026+75.00



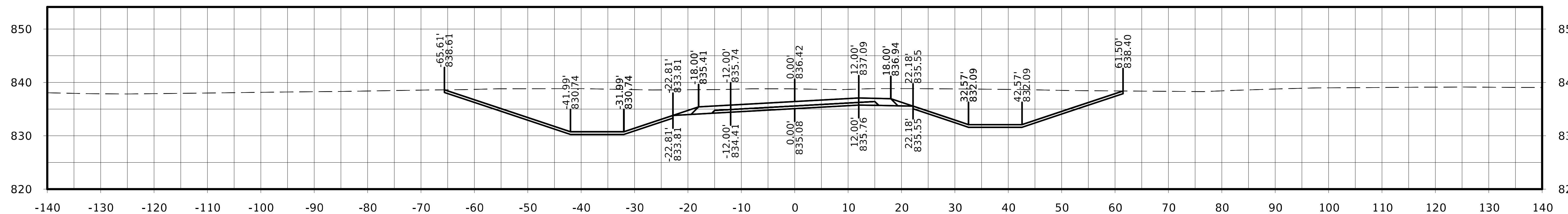
STA. 1026+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.369

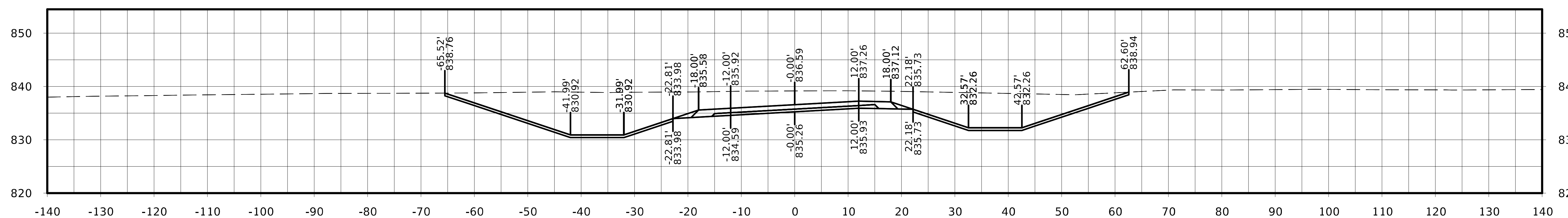
North Shore Dr.



STA. 1027+75.00



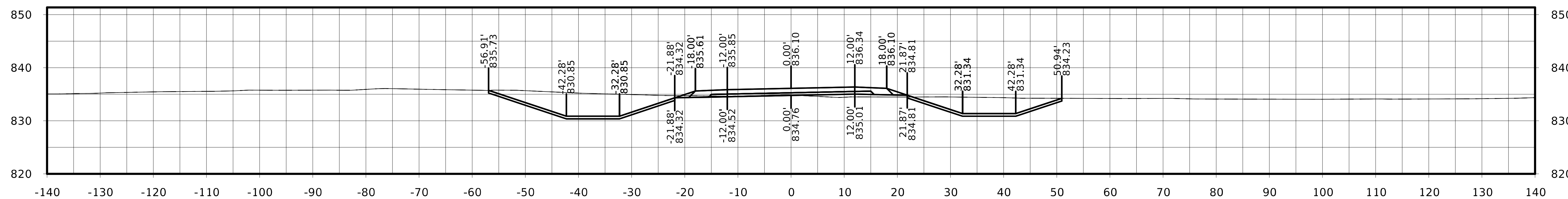
STA. 1027+50.00



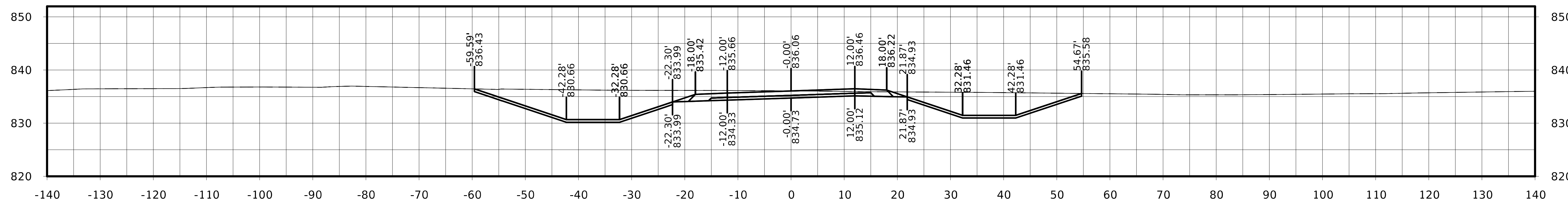
STA. 1027+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.370

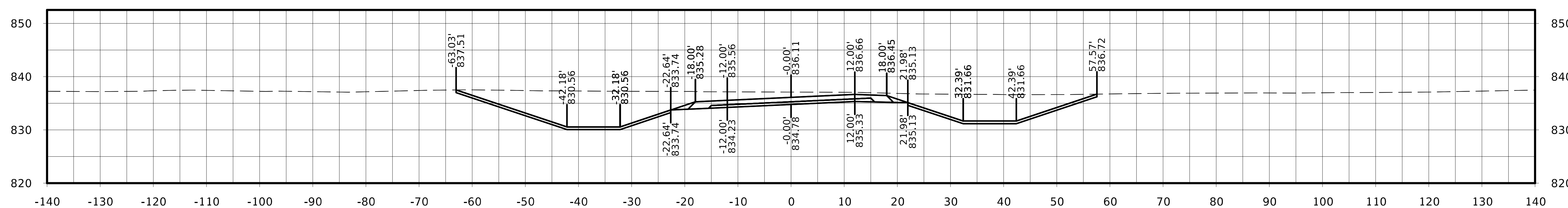
North Shore Dr.



STA. 1028+50.00



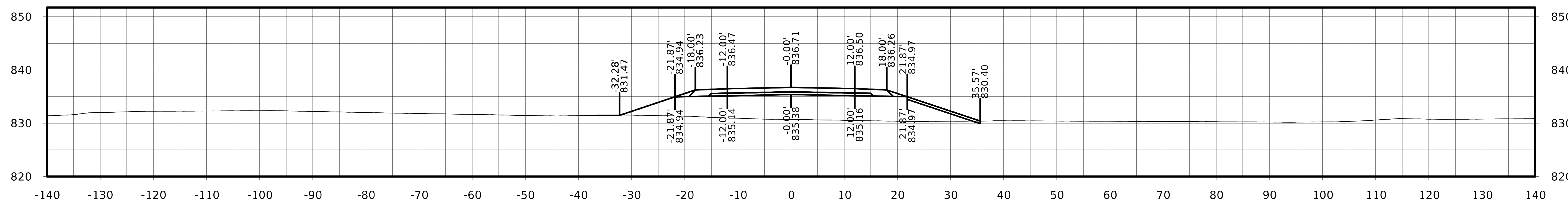
STA. 1028+25.00



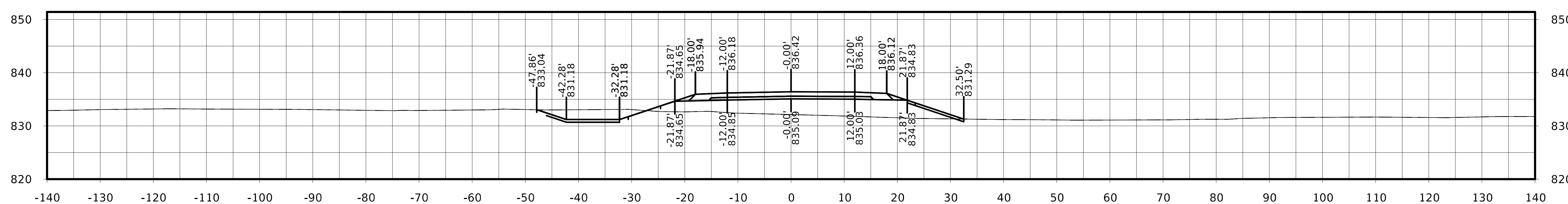
STA. 1028+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.371

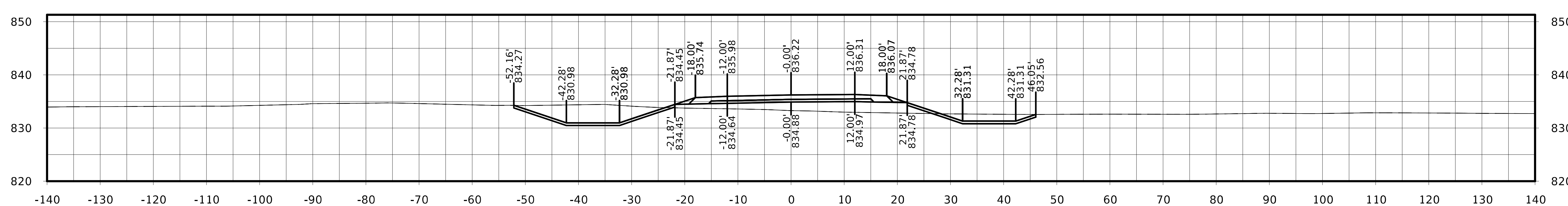
North Shore Dr.



STA. 1029+25.00

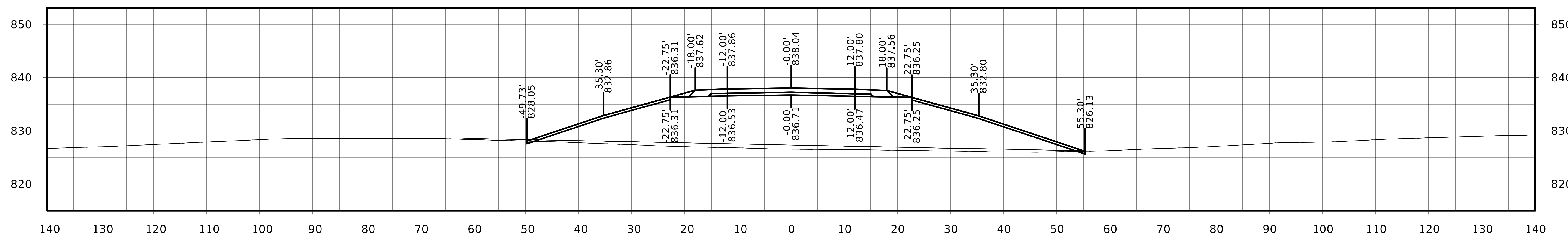


STA. 1029+00.00

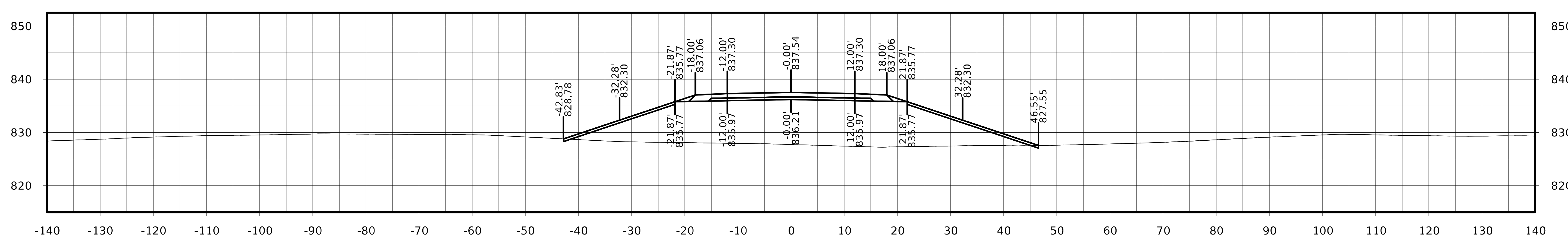


STA. 1028+75.00

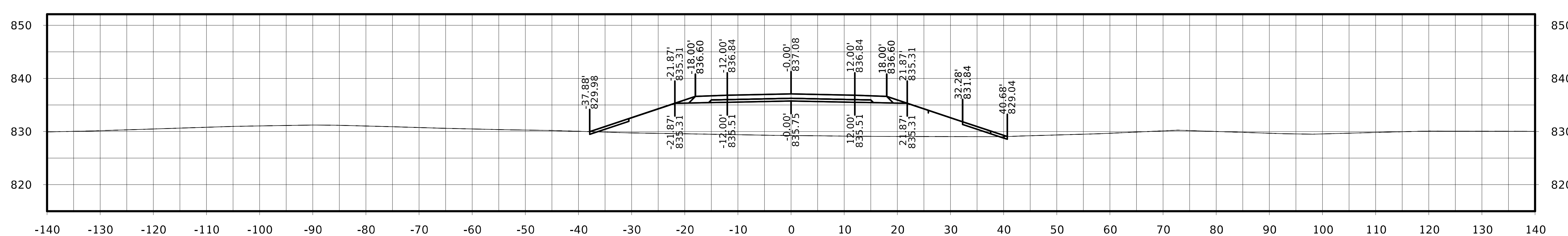
North Shore Dr.



STA. 1030+00.00



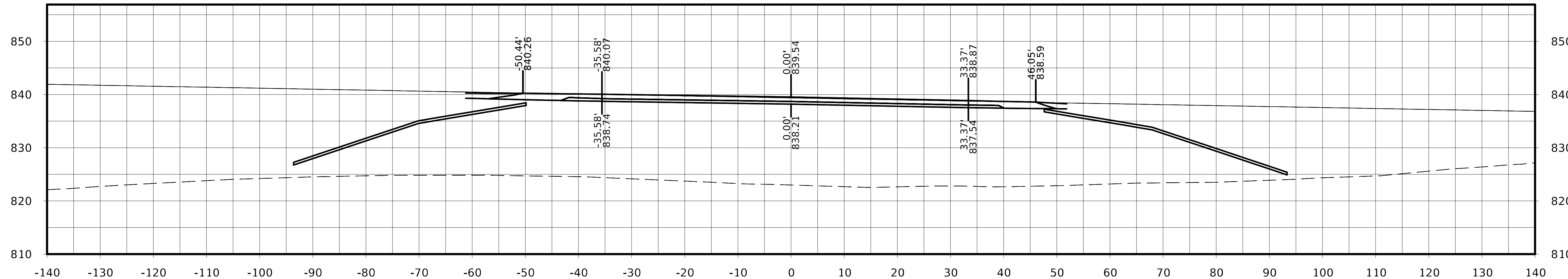
STA. 1029+75.00



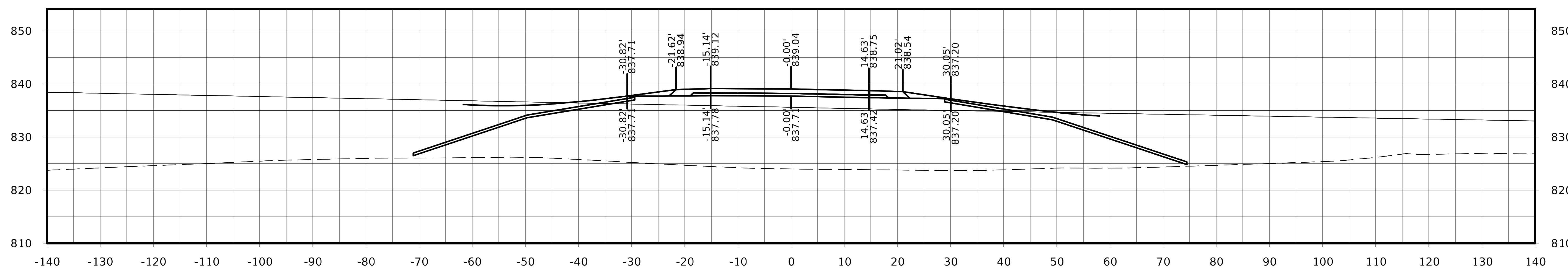
STA. 1029+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.373	

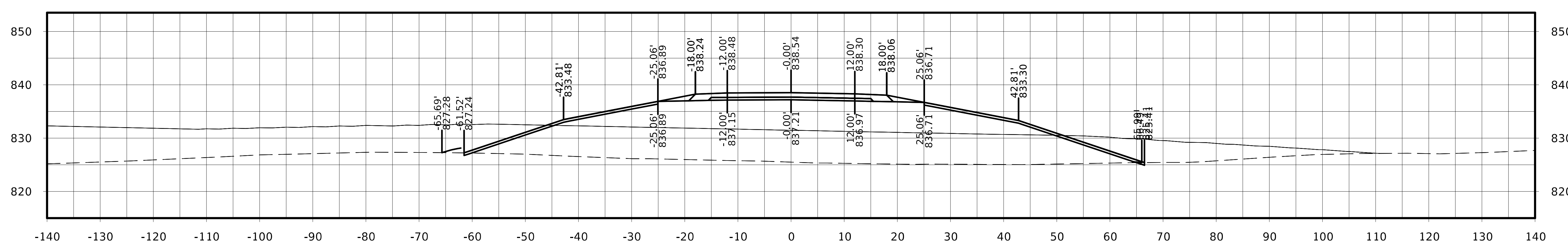
North Shore Dr.



STA. 1030+75.00



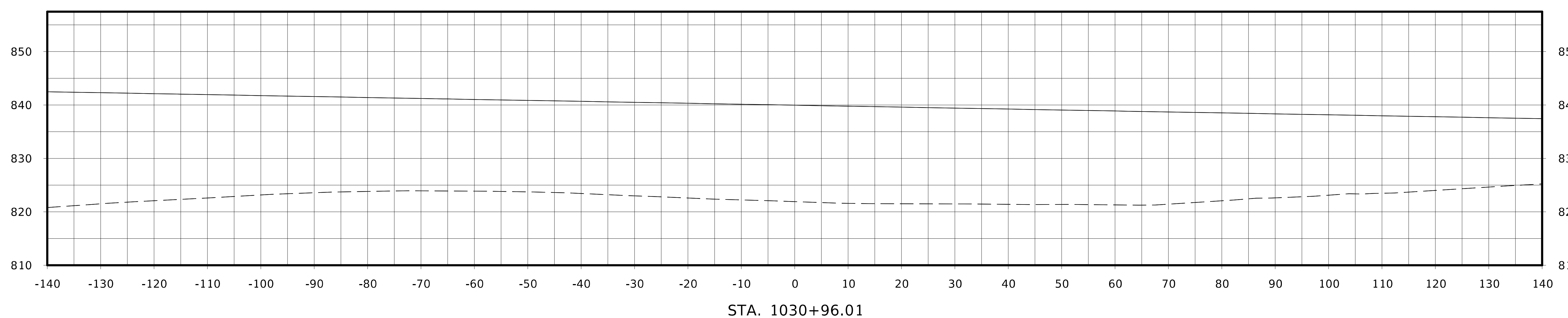
STA. 1030+50.00



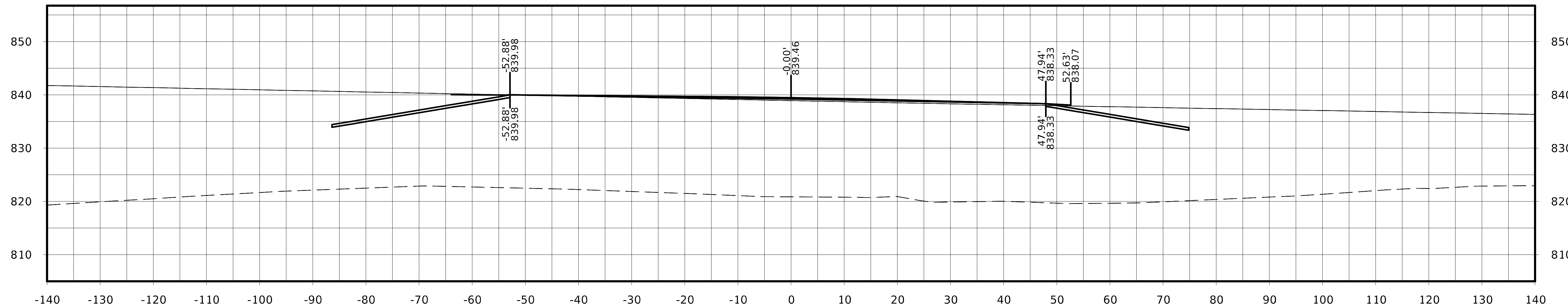
STA. 1030+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.374

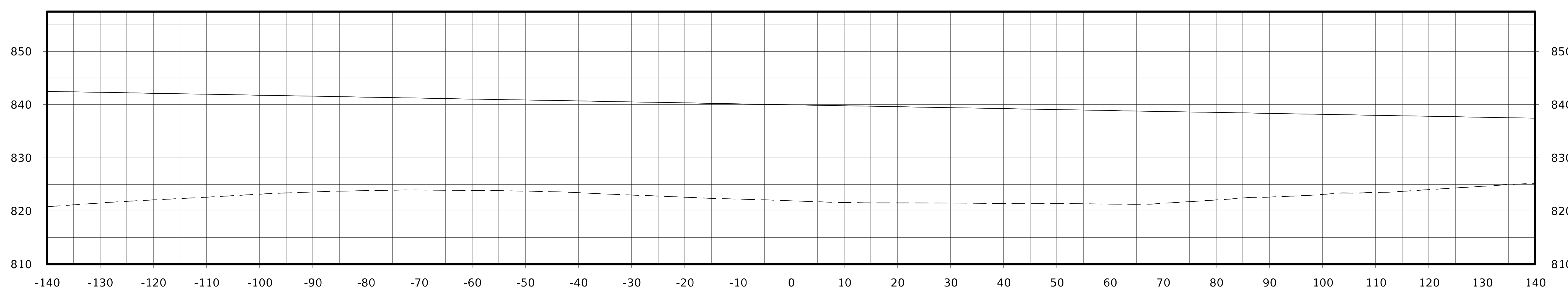
North Shore Dr.



Jewell Ave.

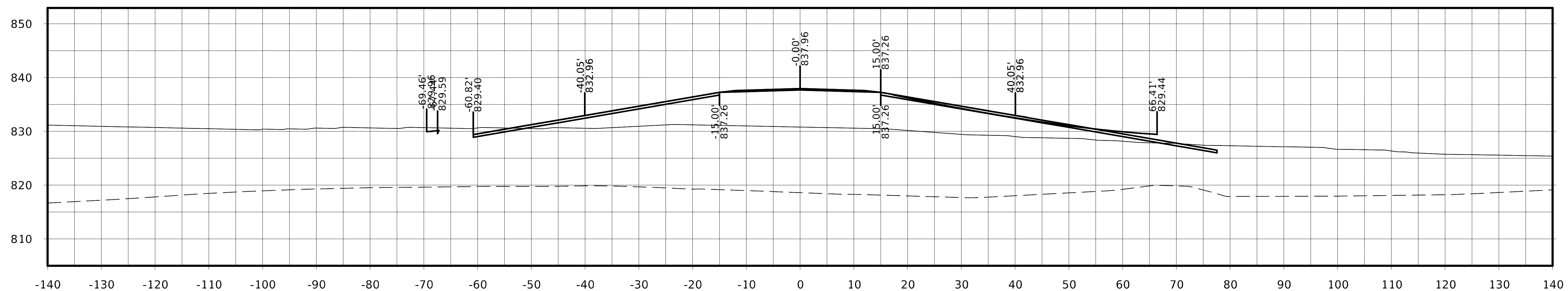


STA. 2000+25.00

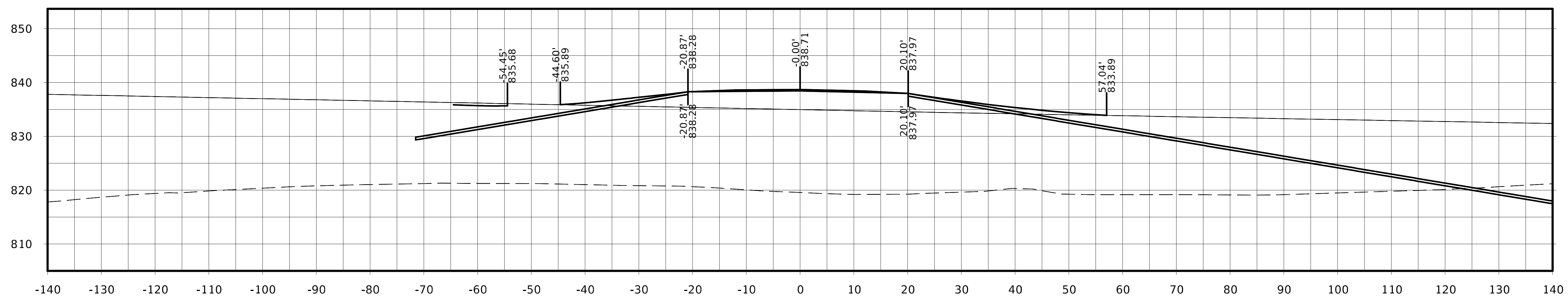


STA. 2000+00.00

Jewell Ave.



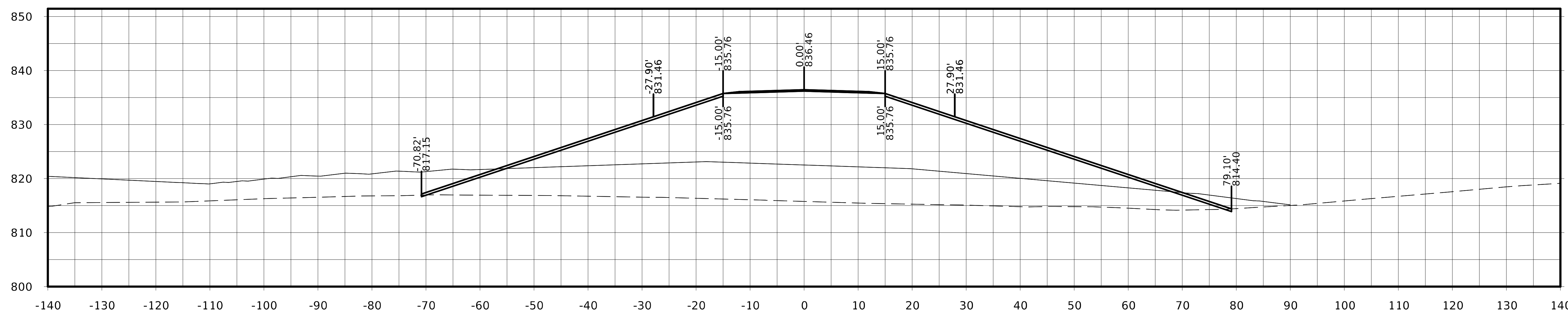
STA. 2000+75.00



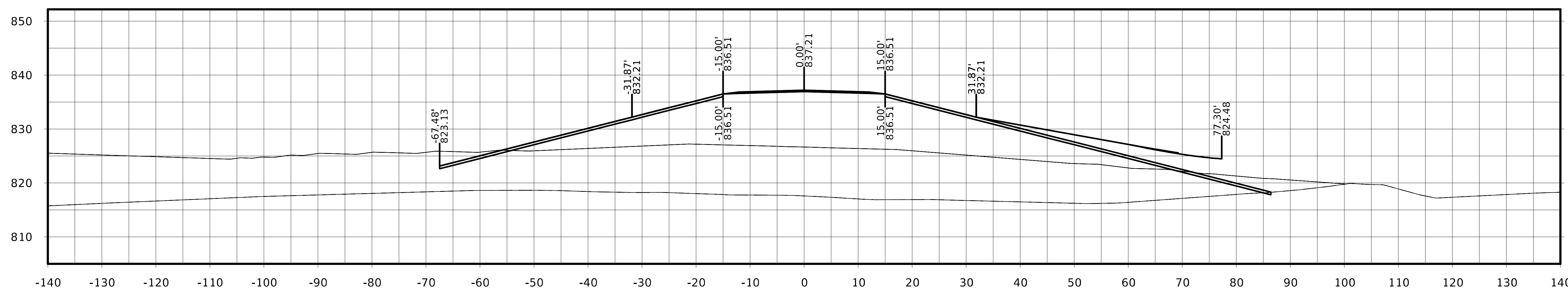
STA. 2000+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.377

Jewell Ave.



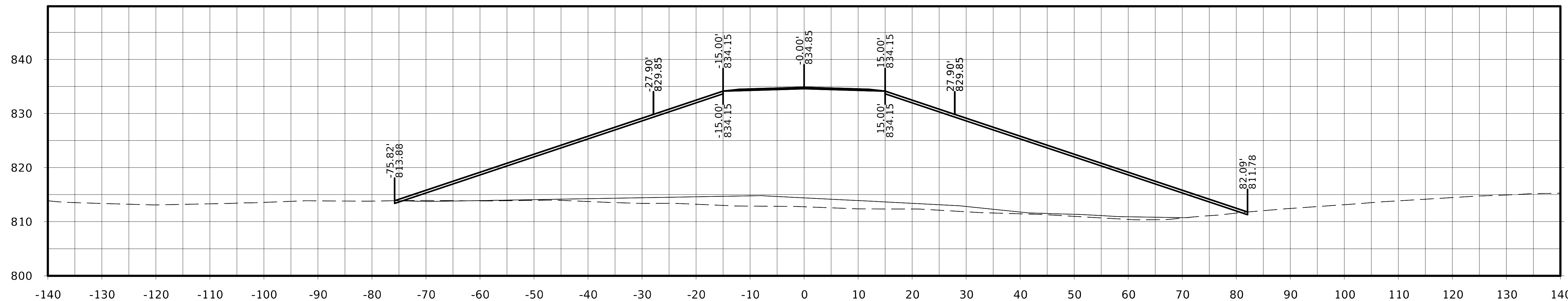
STA. 2001+25.00



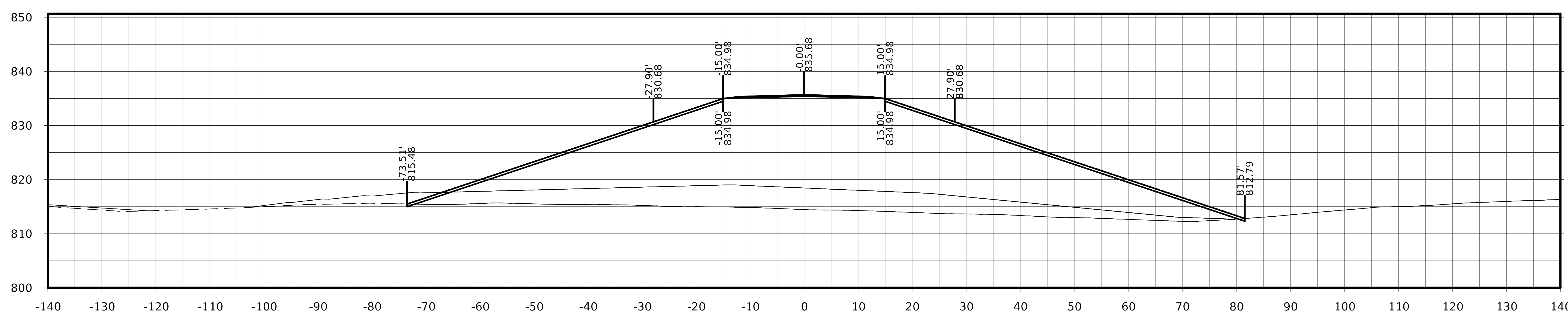
STA. 2001+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.378

Jewell Ave.



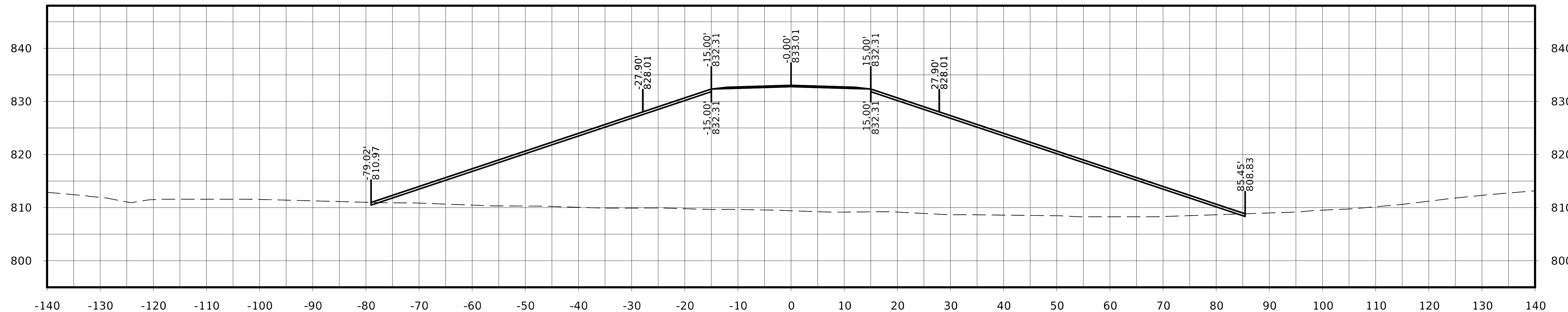
STA. 2001+75.00



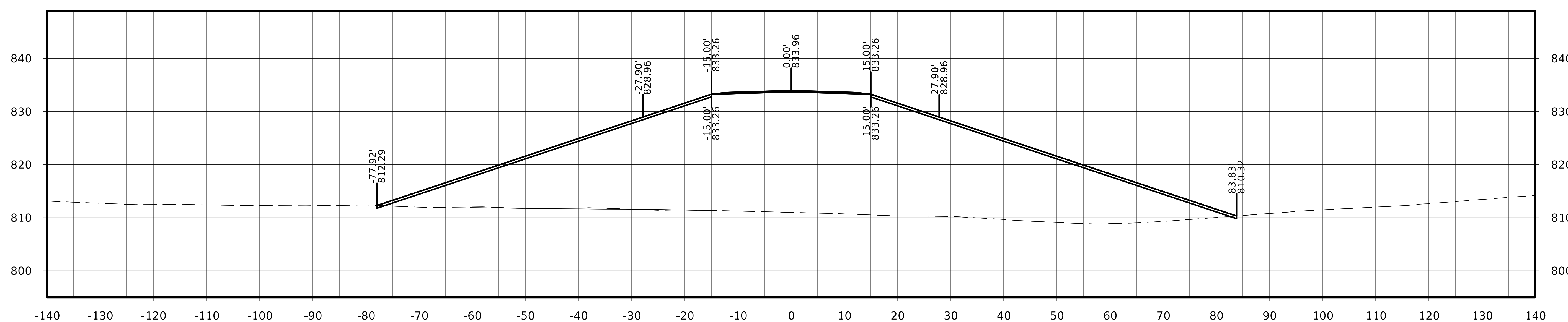
STA. 2001+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.379

Jewell Ave.



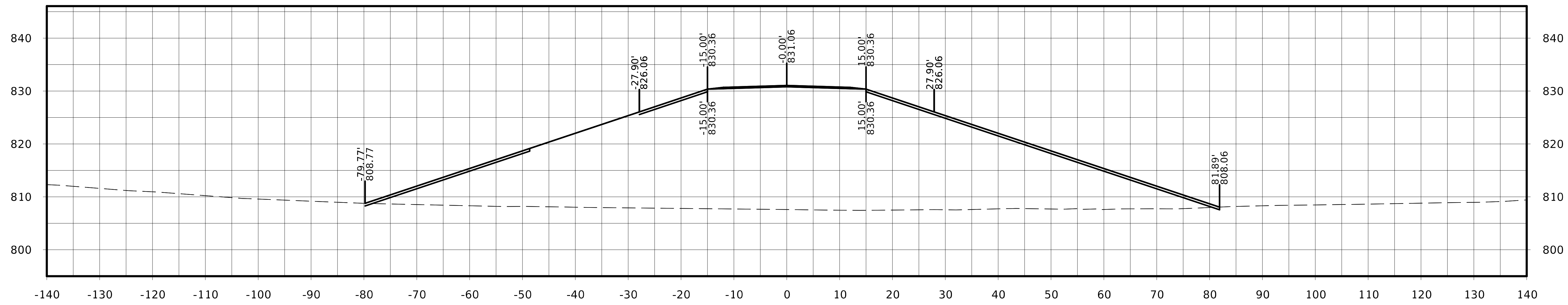
STA. 2002+25.00



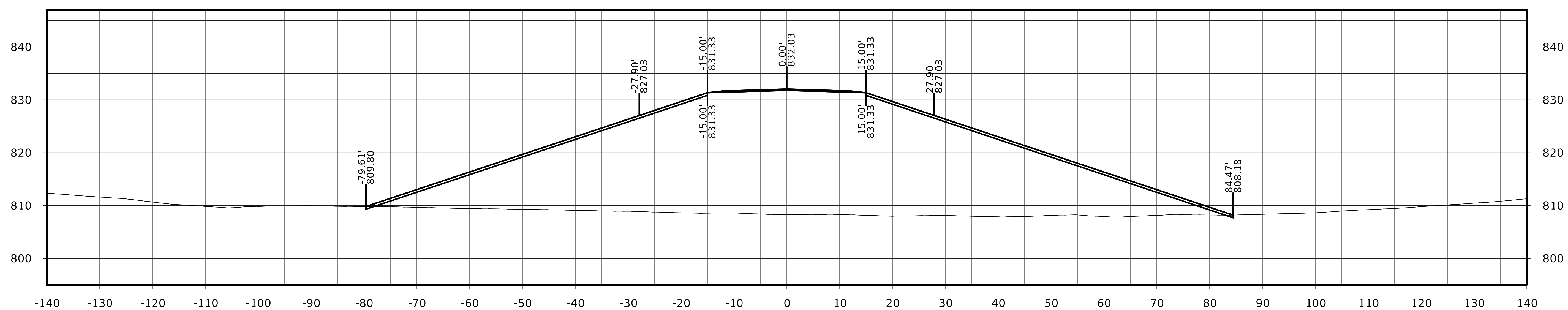
STA. 2002+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.380

Jewell Ave.



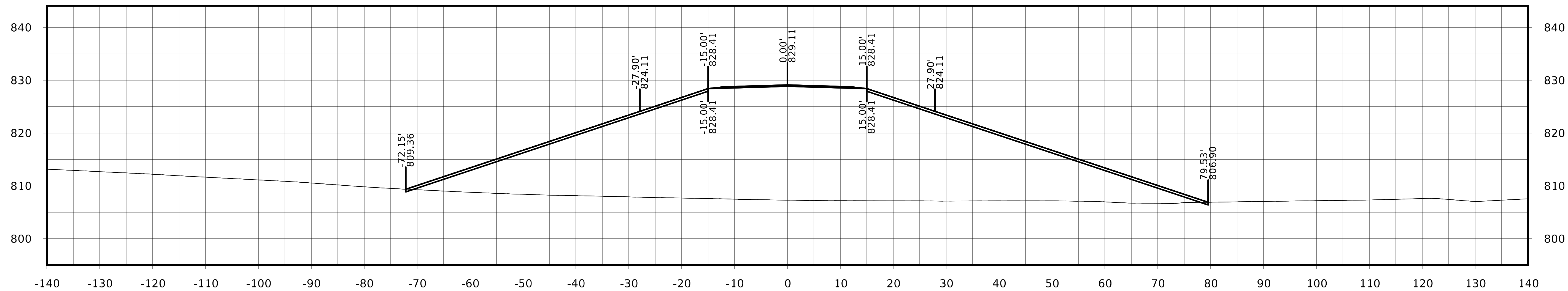
STA. 2002+75.00



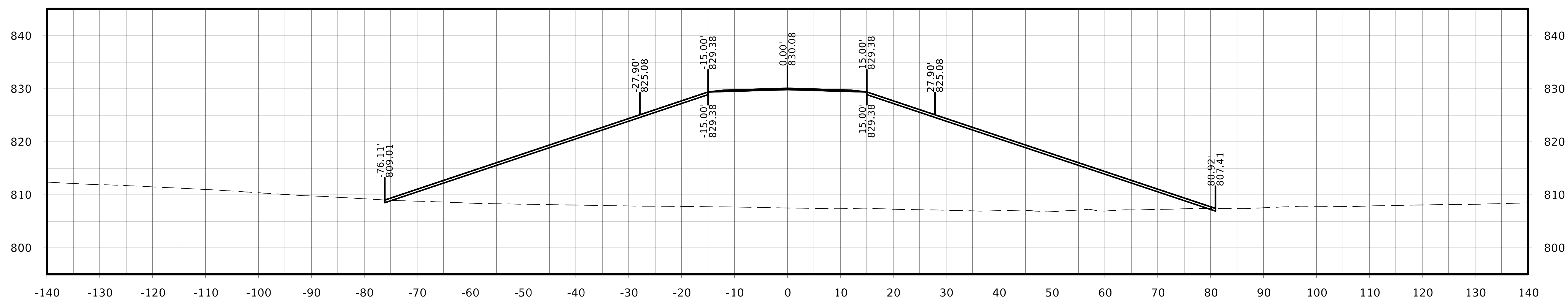
STA. 2002+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.381

Jewell Ave.



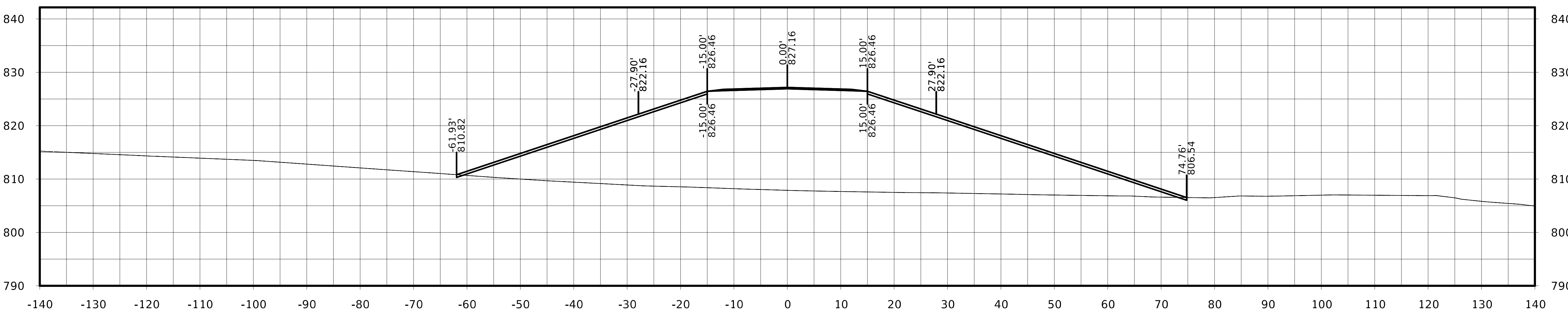
STA. 2003+25.00



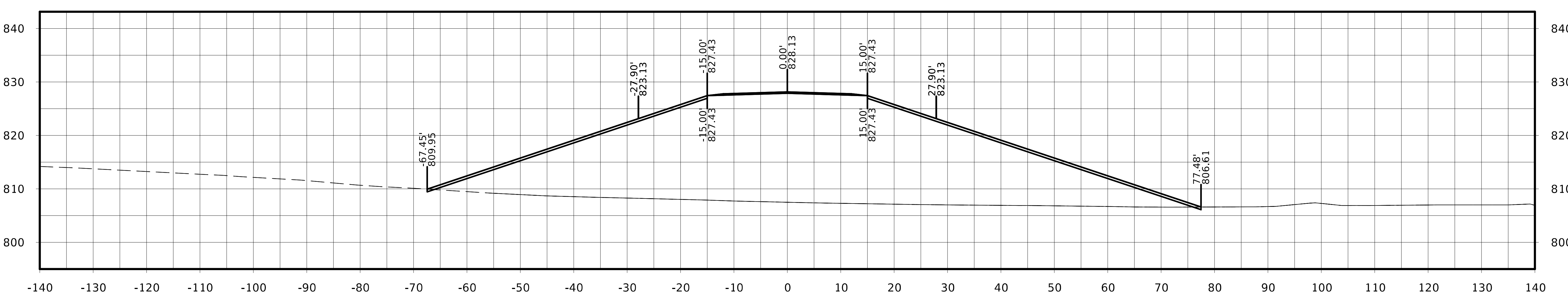
STA. 2003+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.382

Jewell Ave.



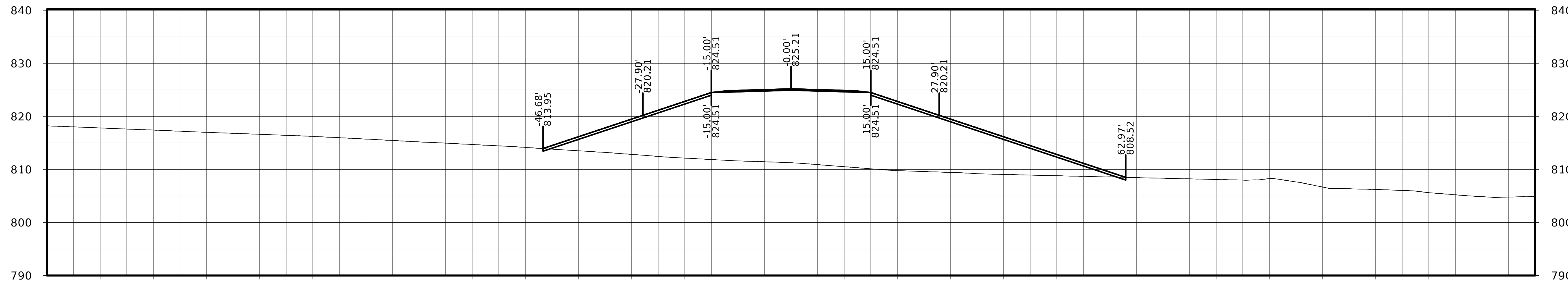
STA. 2003+75.00



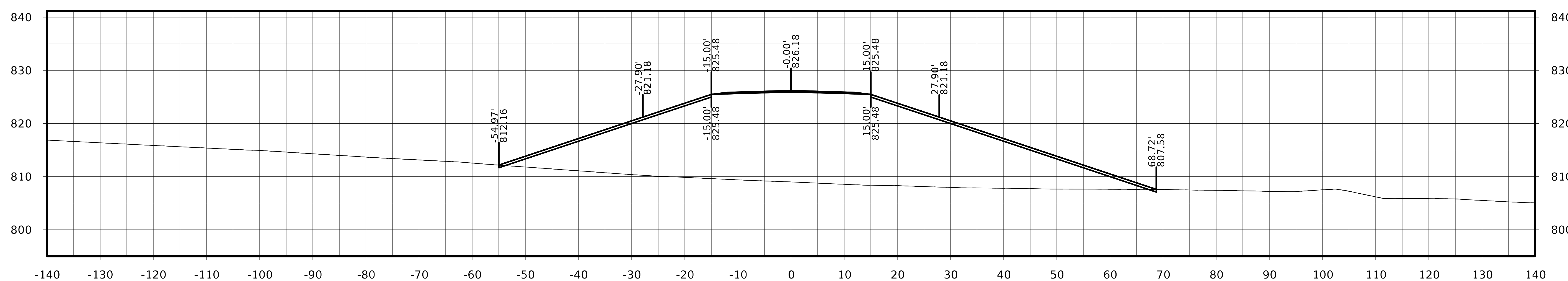
STA. 2003+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.383

Jewell Ave.

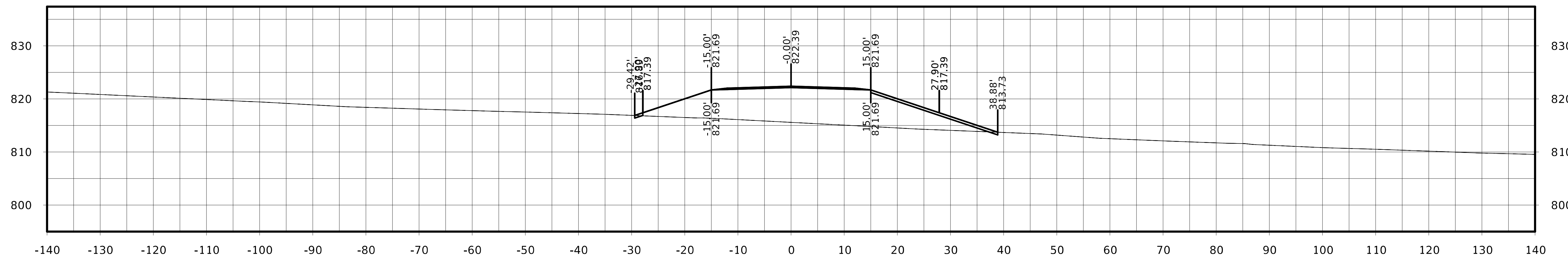


STA. 2004+25.00

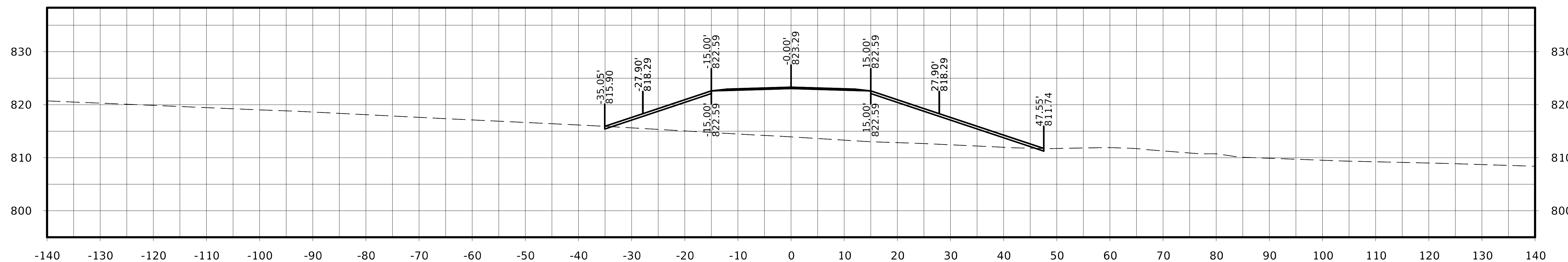


STA. 2004+00.00

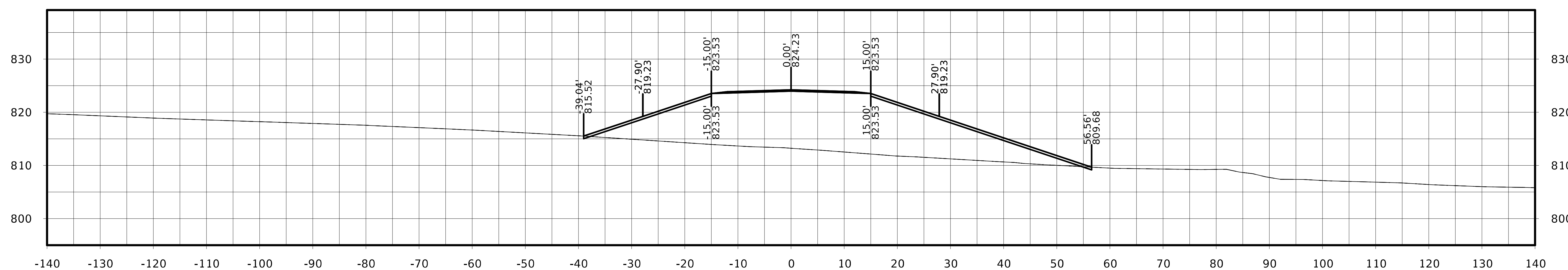
Jewell Ave.



STA. 2005+00.00



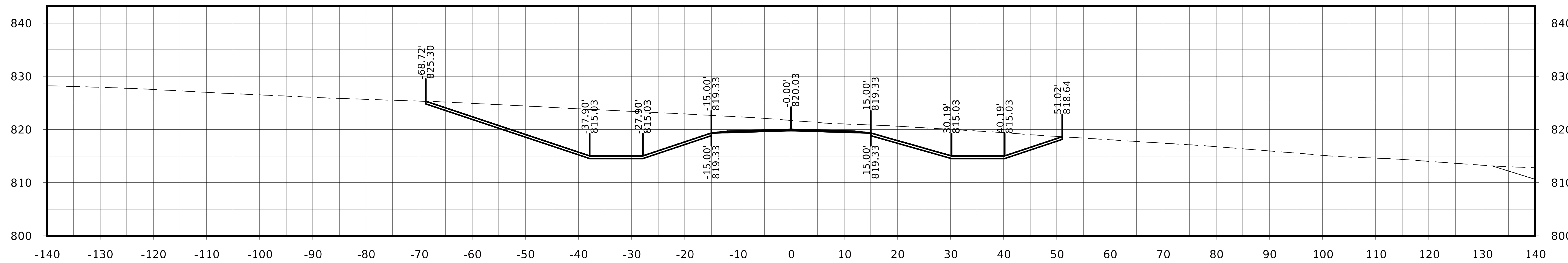
STA. 2004+75.00



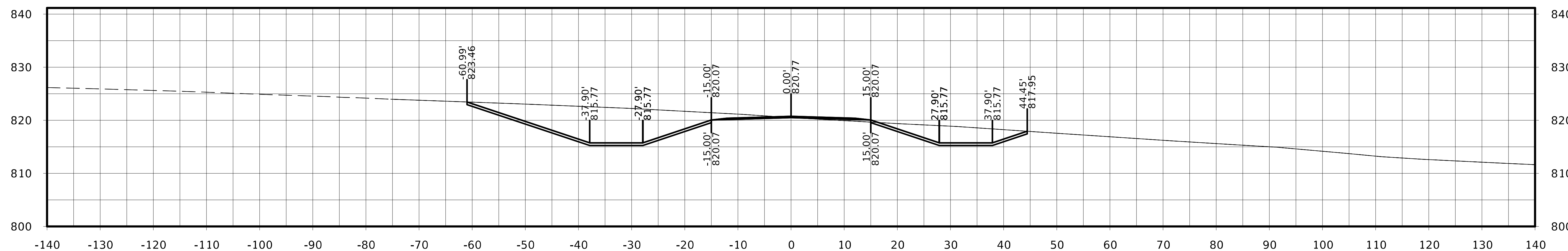
STA. 2004+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.385

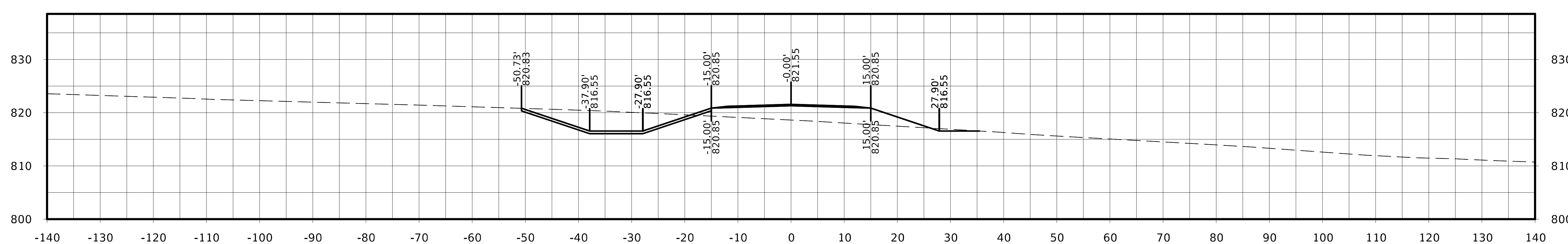
Jewell Ave.



STA. 2005+75.00

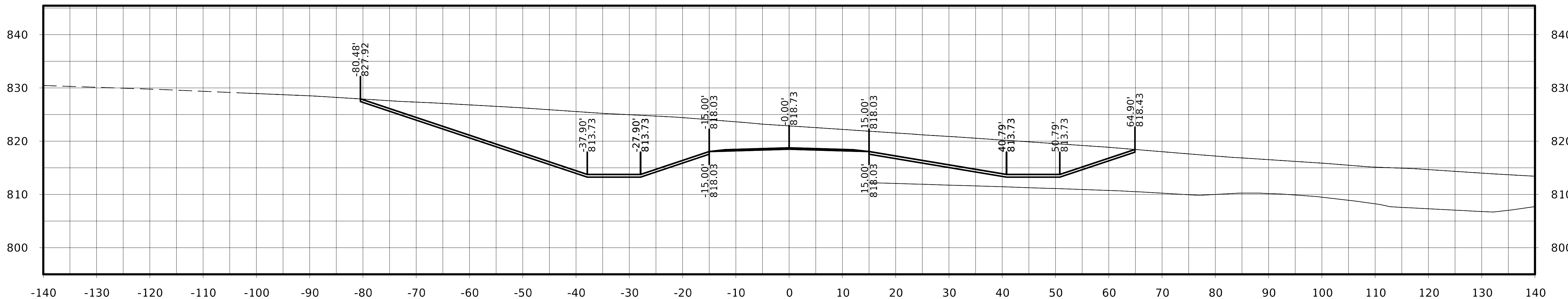


STA. 2005+50.00

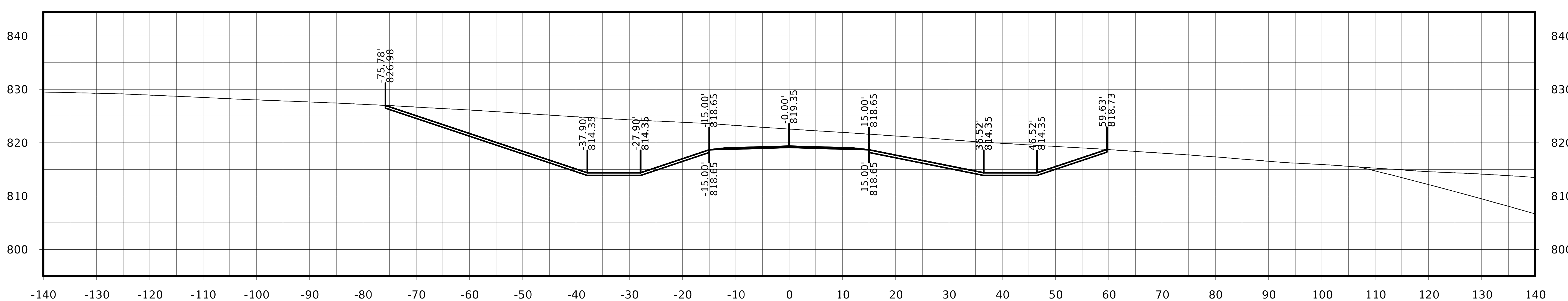


STA. 2005+25.00

Jewell Ave.



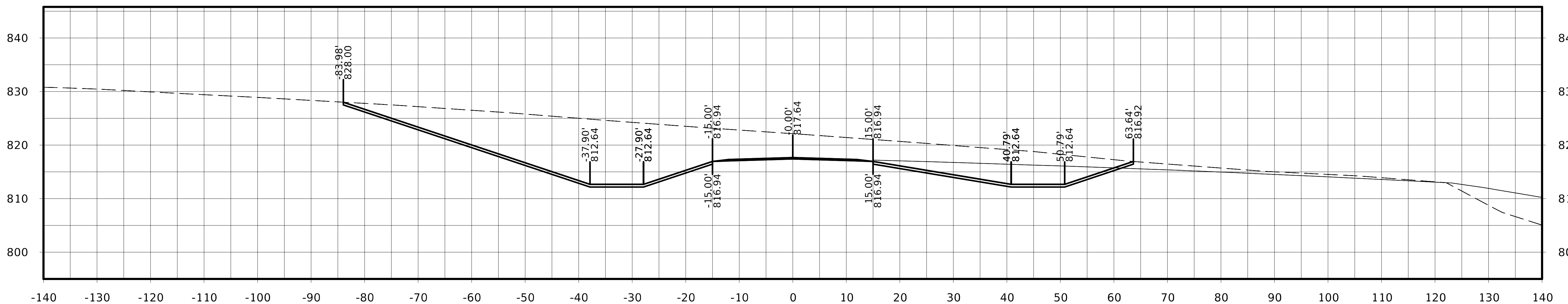
STA. 2006+25.00



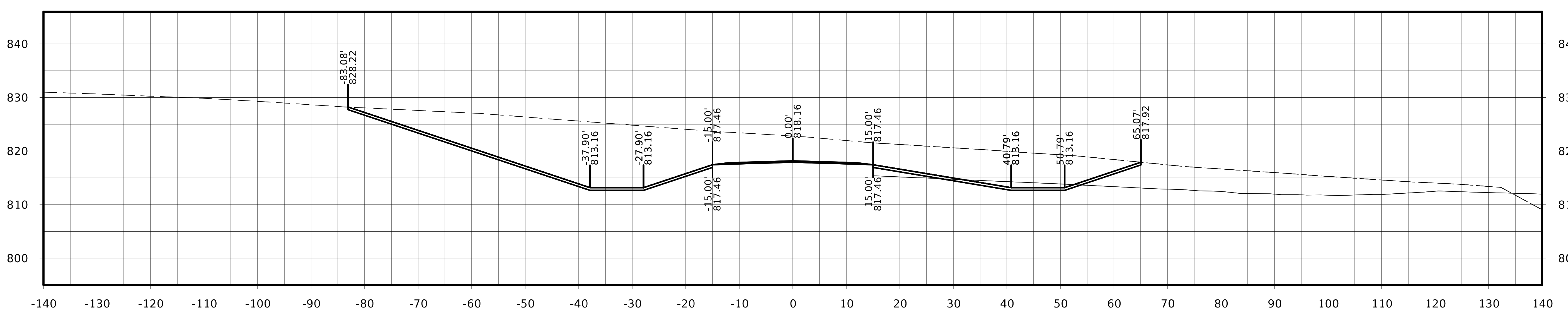
STA. 2006+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.387

Jewell Ave.



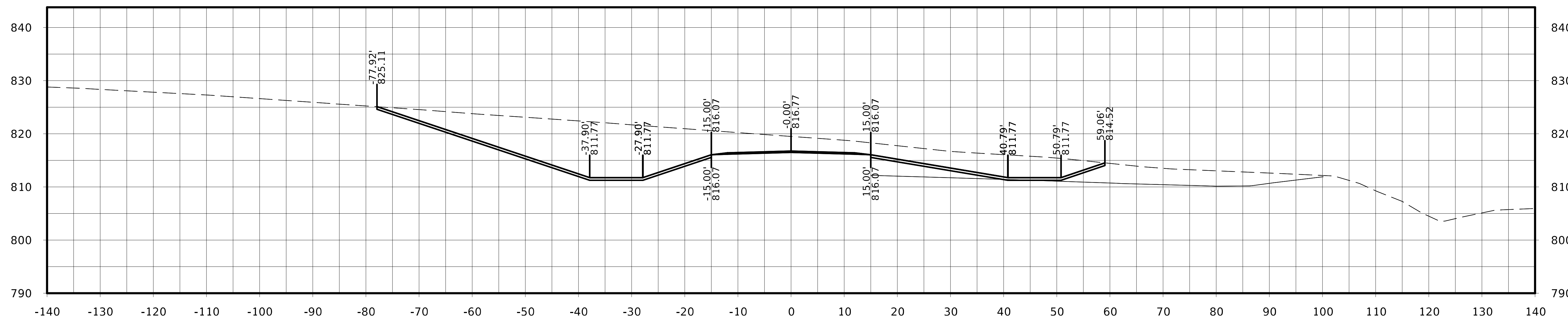
STA. 2006+75.00



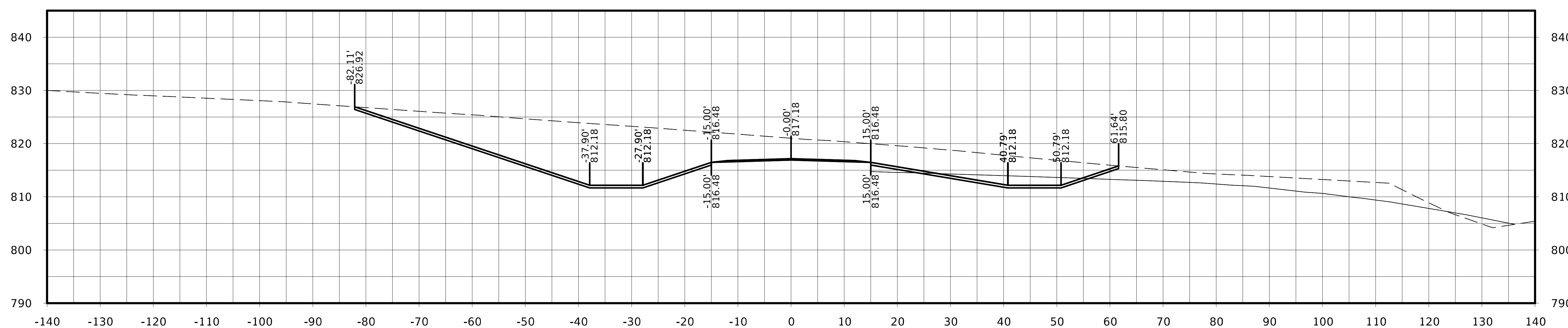
STA. 2006+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.388

Jewell Ave.

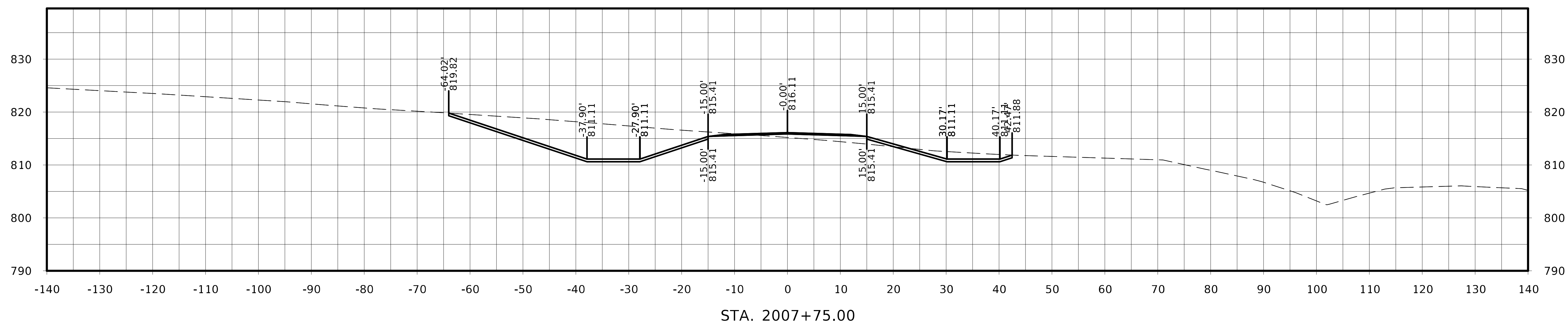


STA. 2007+25.00



STA. 2007+00.00

Jewell Ave.



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811.11
-27.90'
811.11
-15.00'
815.41
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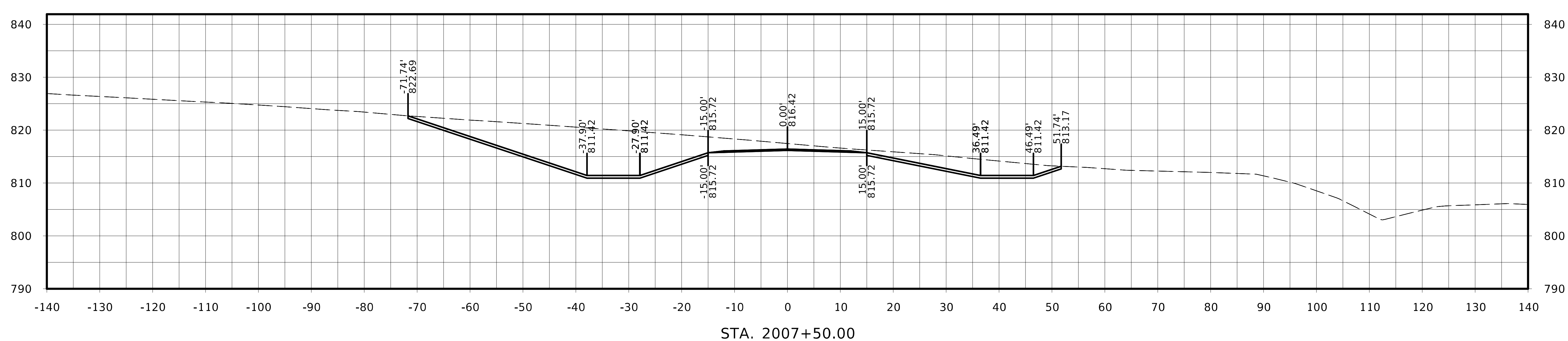
30.17'
811.11
40.17'
811.11
811.88
STA. 2007+75.00



-71.74'
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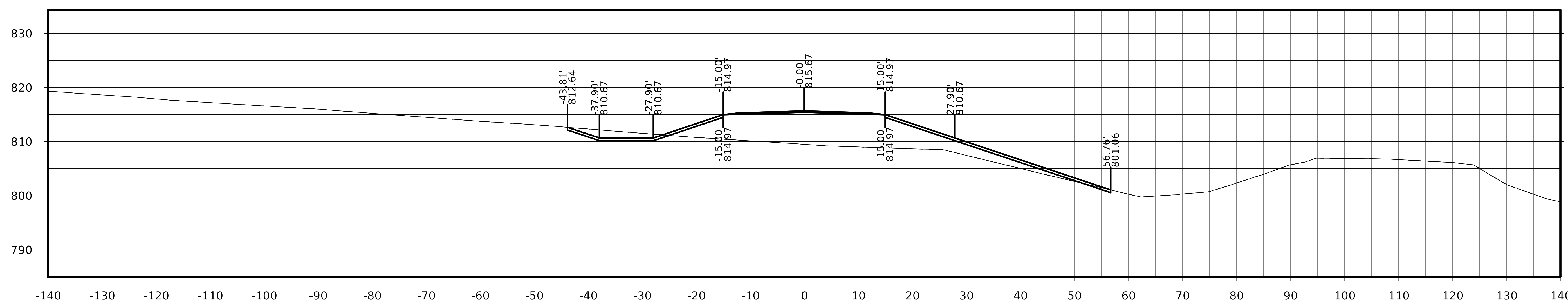
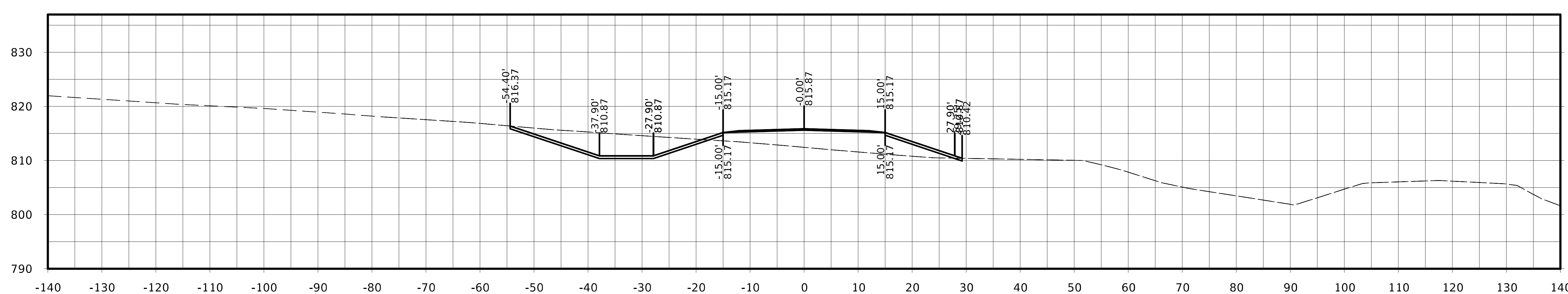
811.42
51.74'
813.17
STA. 2007+50.00

Jewell Ave.



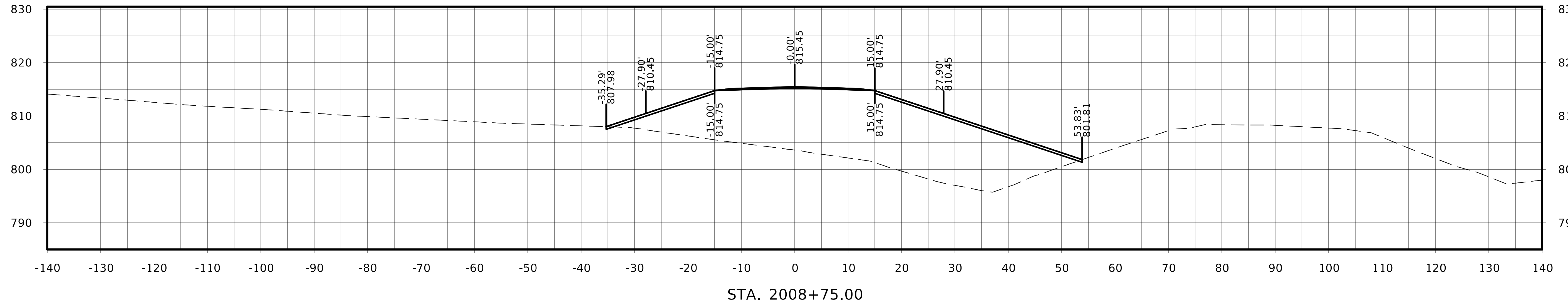
STA. 2008+25.00



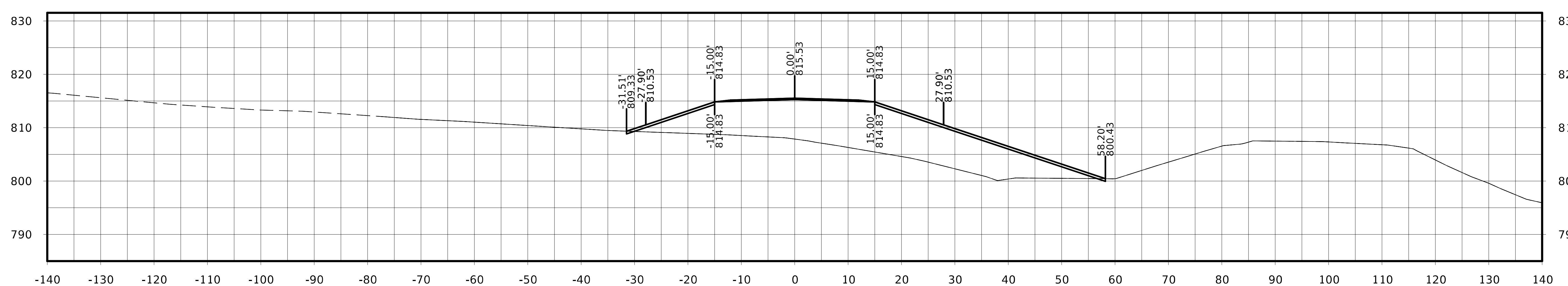
STA. 2008+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.391

Jewell Ave.



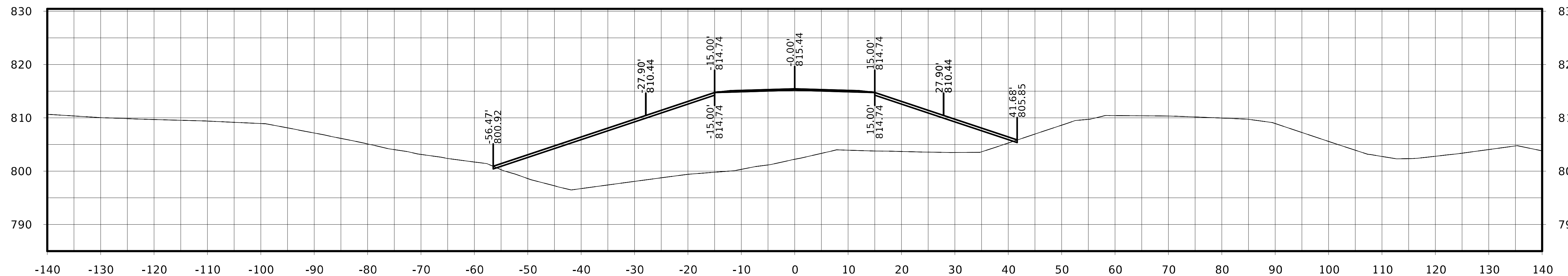
STA. 2008+75.00



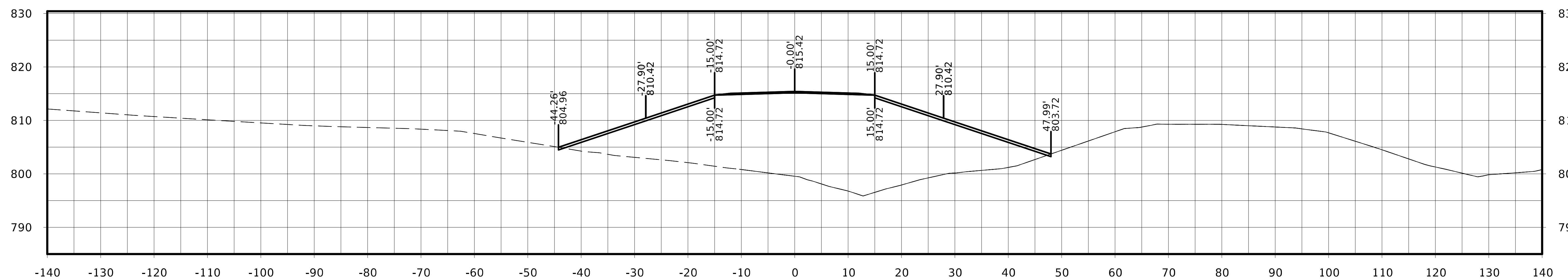
STA. 2008+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.392

Jewell Ave.



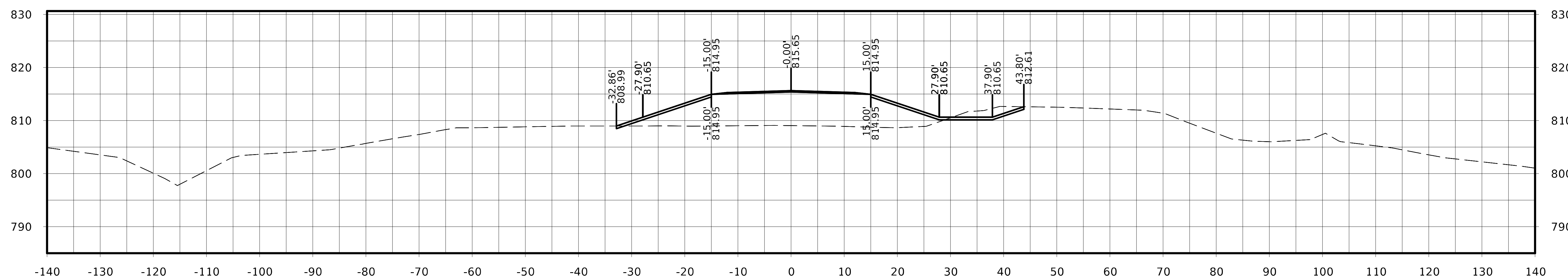
STA. 2009+25.00



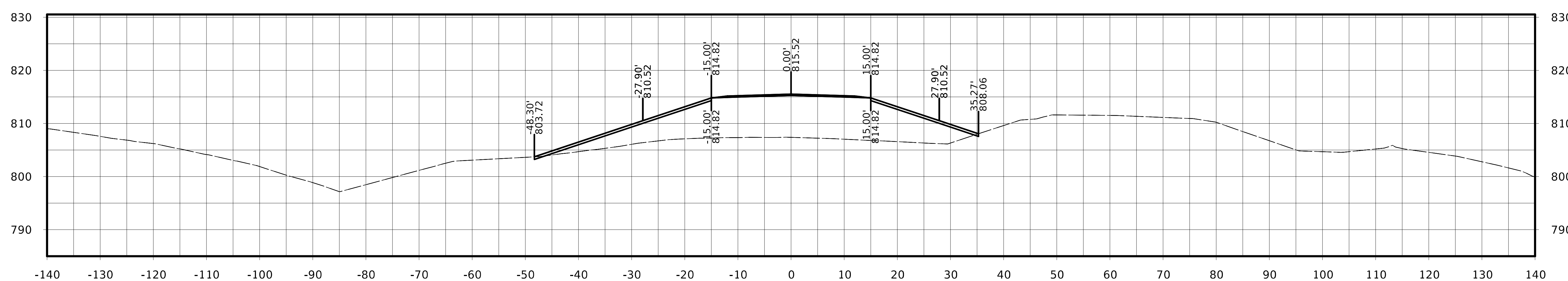
STA. 2009+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.393

Jewell Ave.

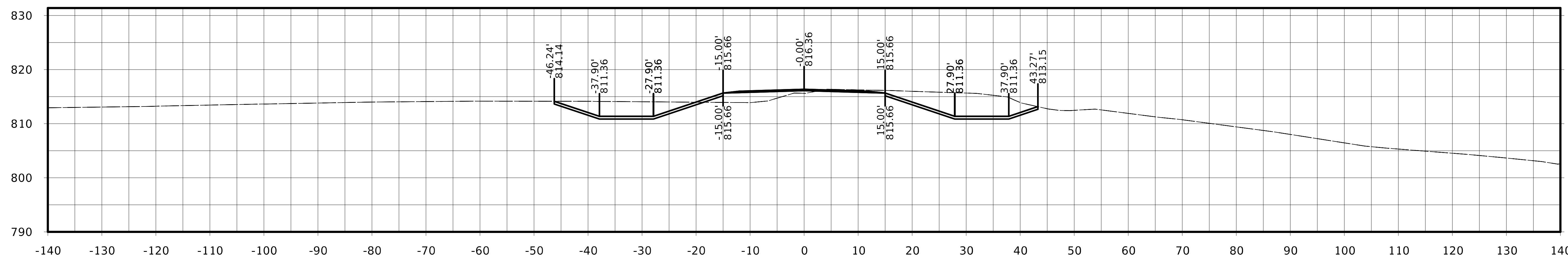


STA. 2009+75.00

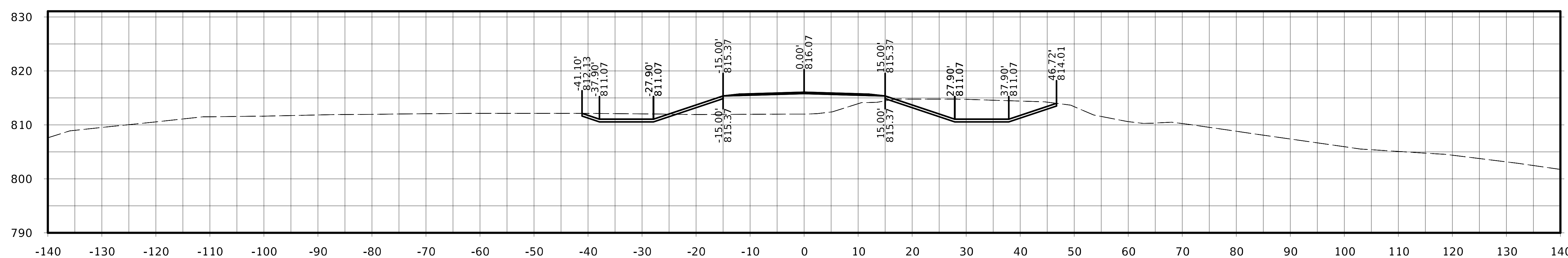


STA. 2009+50.00

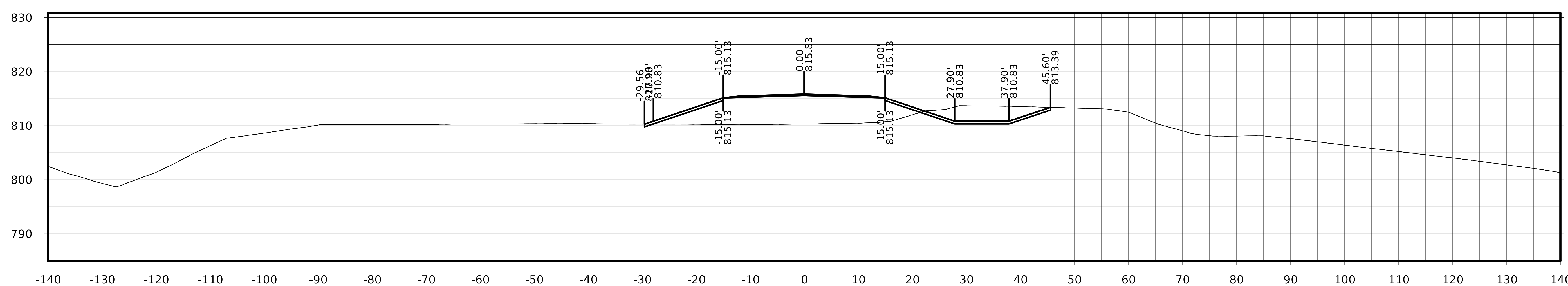
Jewell Ave.



STA. 2010+50.00



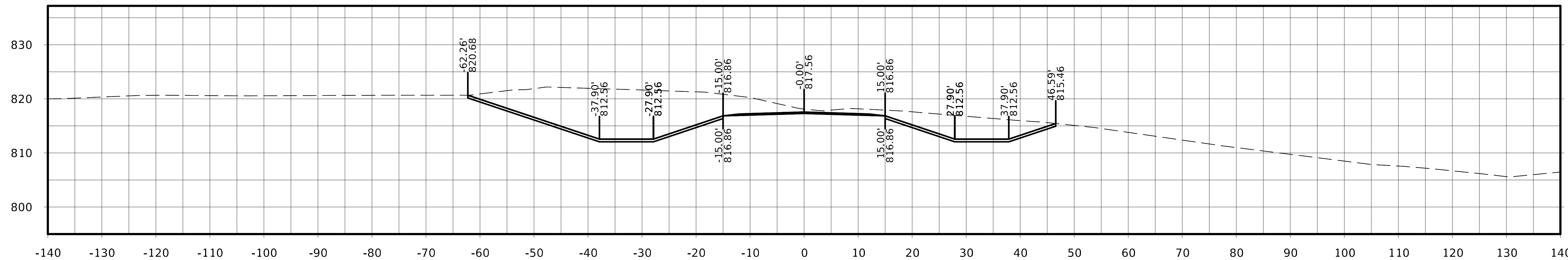
STA. 2010+25.00



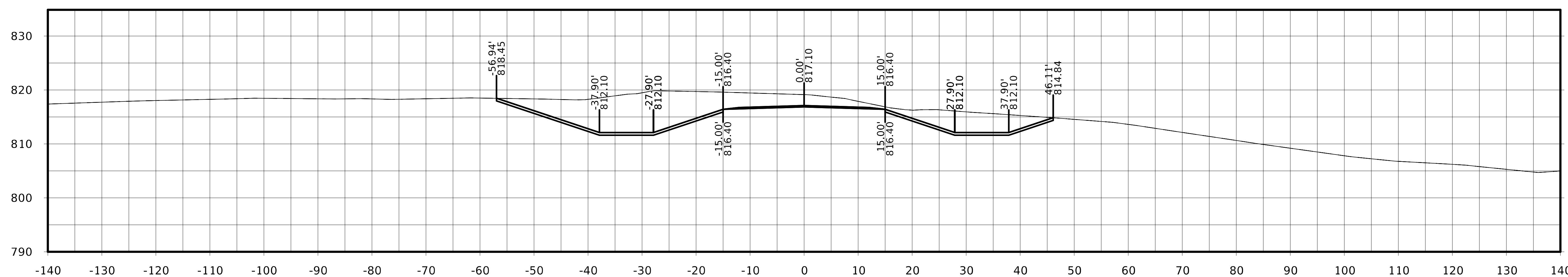
STA. 2010+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.395

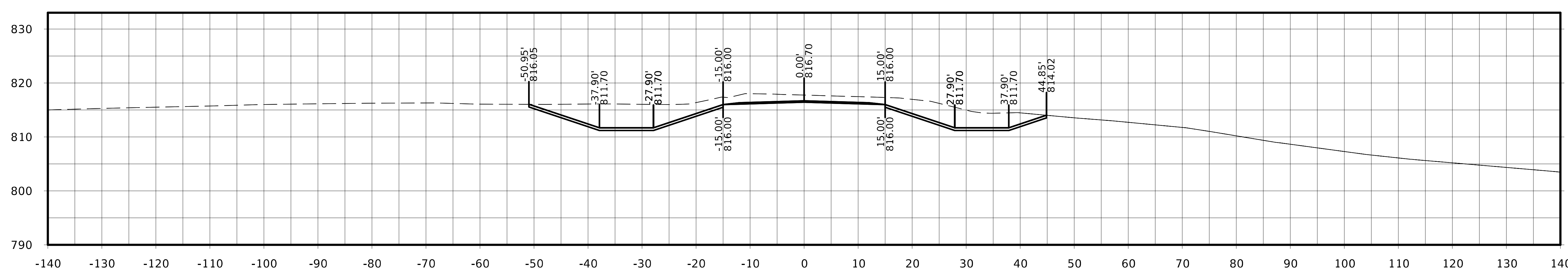
Jewell Ave.



STA. 2011+25.00



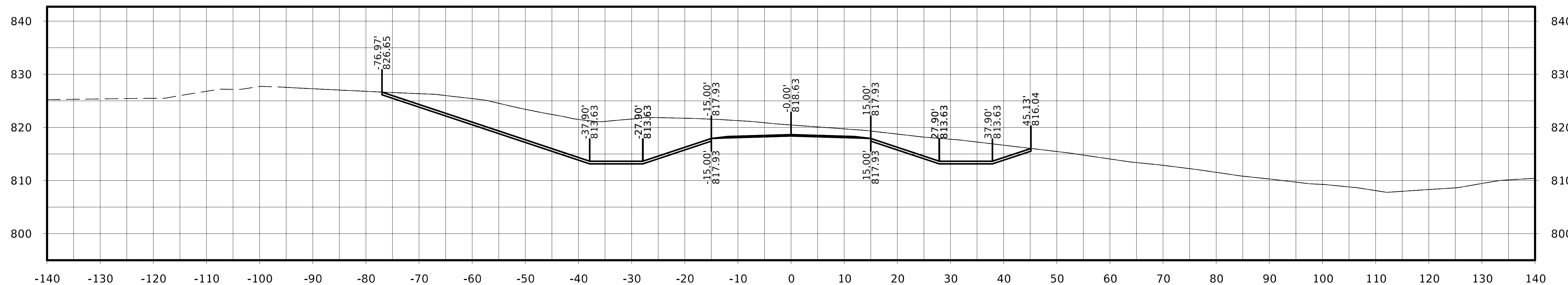
STA. 2011+00.00



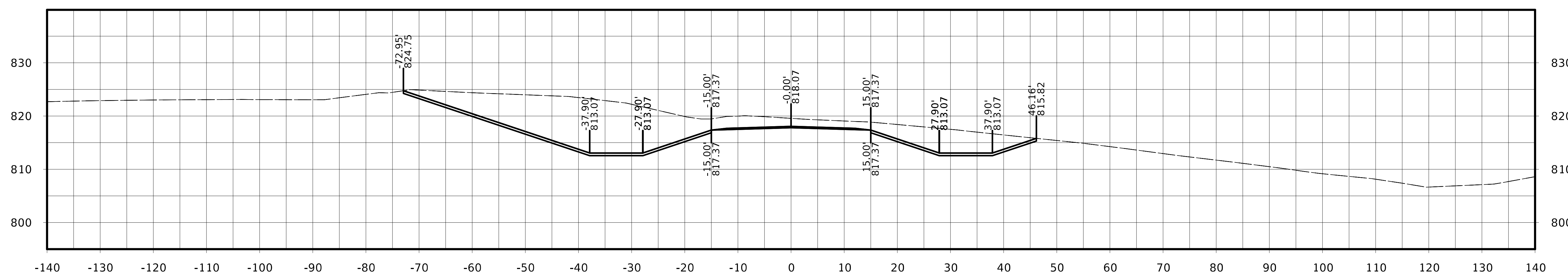
STA. 2010+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.396

Jewell Ave.



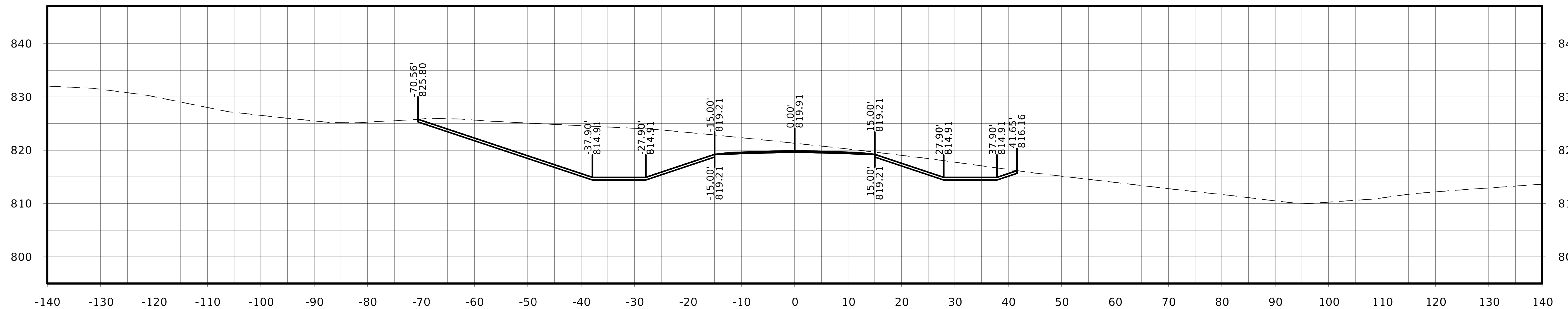
STA. 2011+75.00



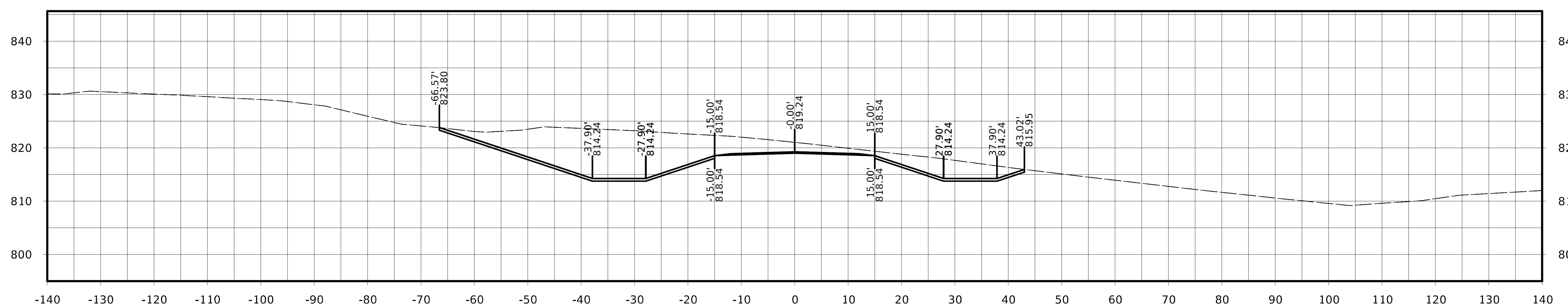
STA. 2011+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.397

Jewell Ave.



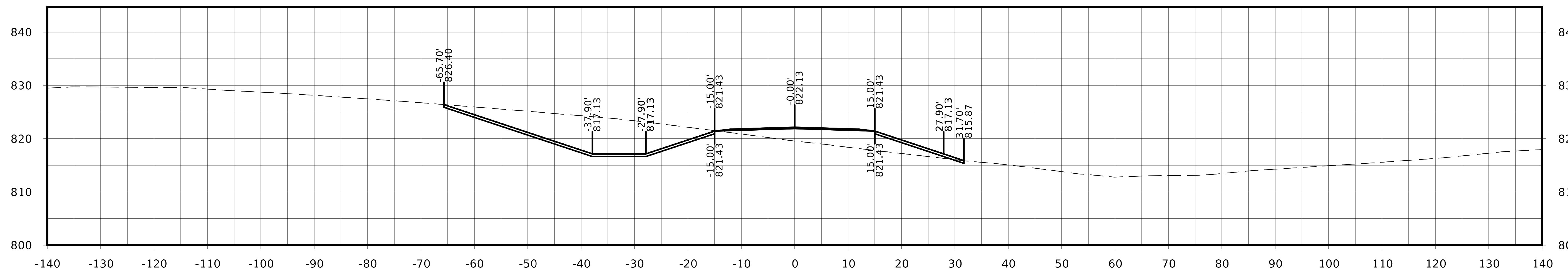
STA. 2012+25.00



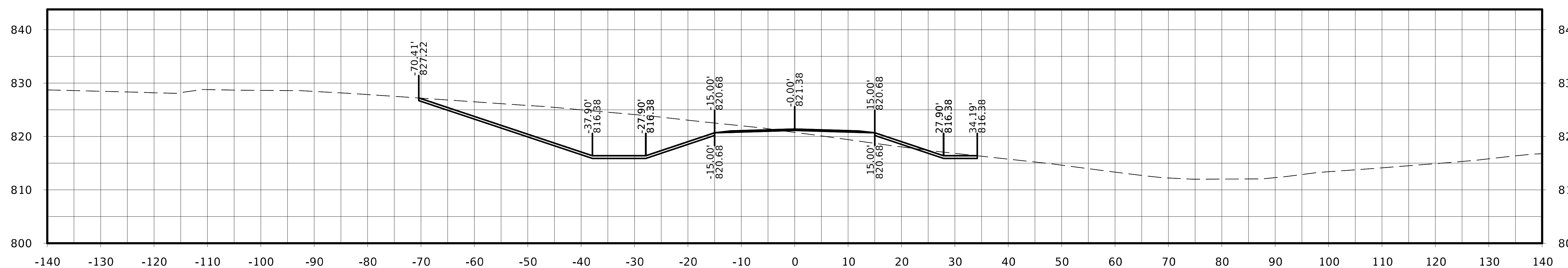
STA. 2012+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.398

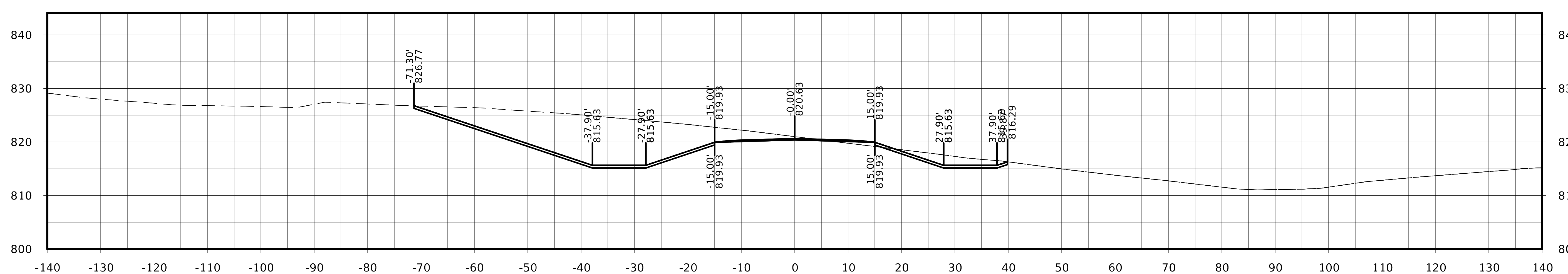
Jewell Ave.



STA. 2013+00.00



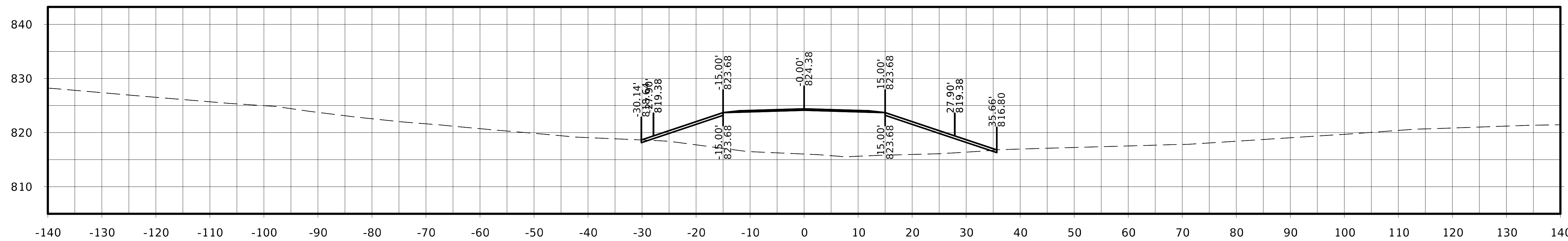
STA. 2012+75.00



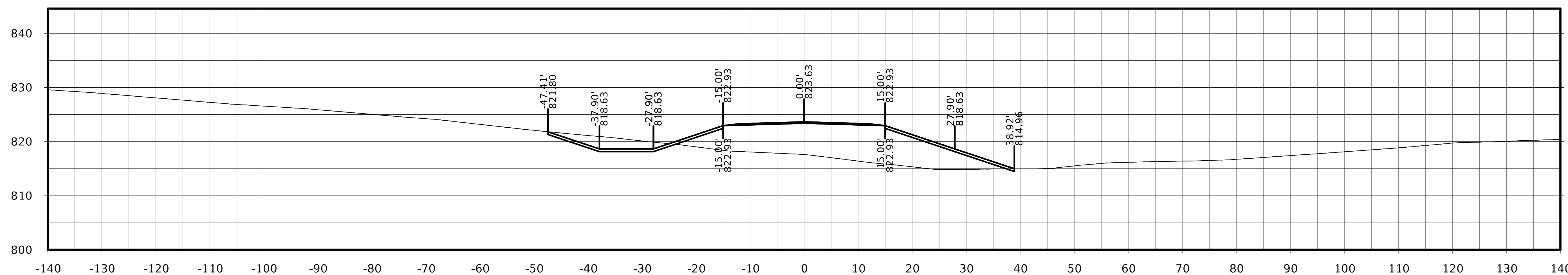
STA. 2012+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.399

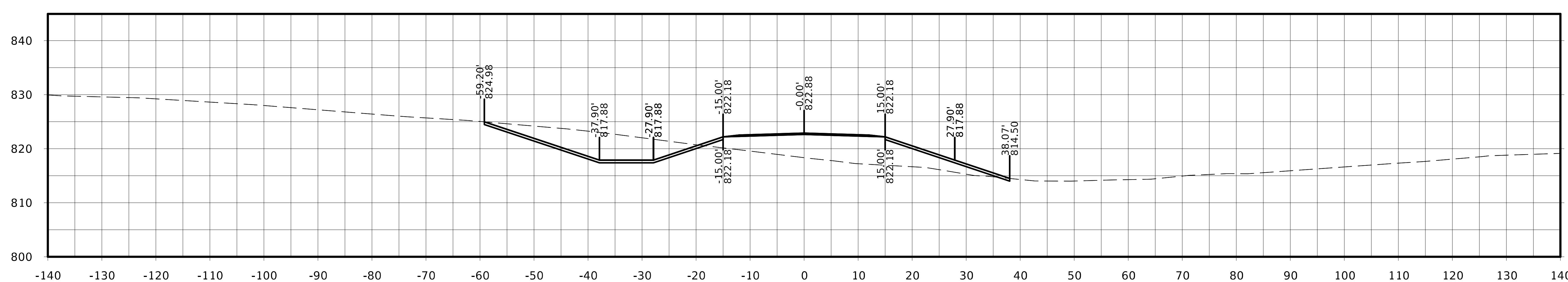
Jewell Ave.



STA. 2013+75.00

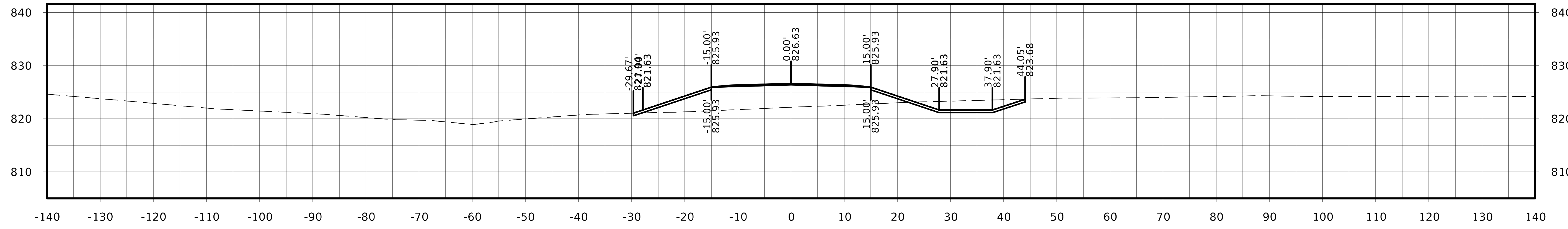


STA. 2013+50.00

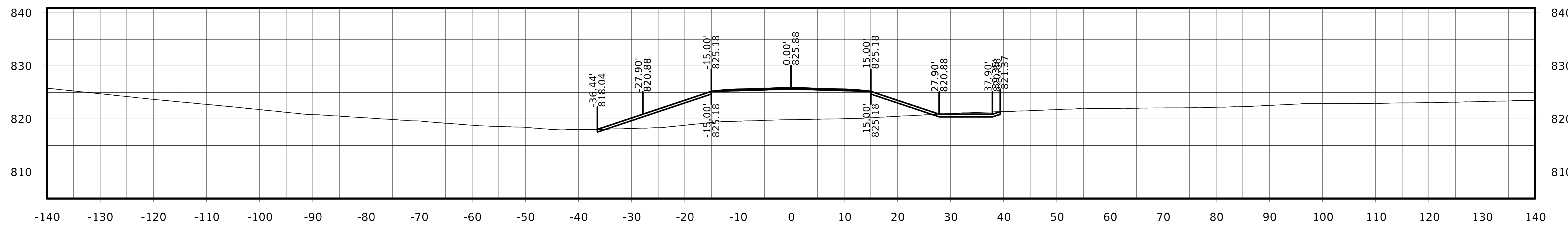


STA. 2013+25.00

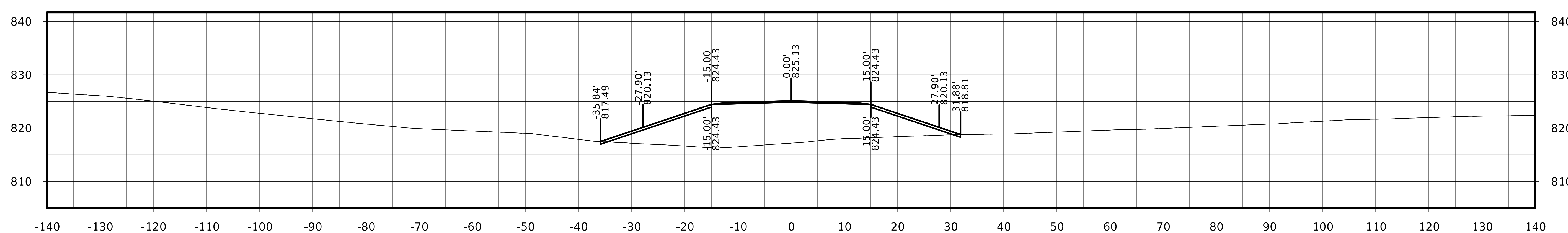
Jewell Ave.



STA. 2014+50.00



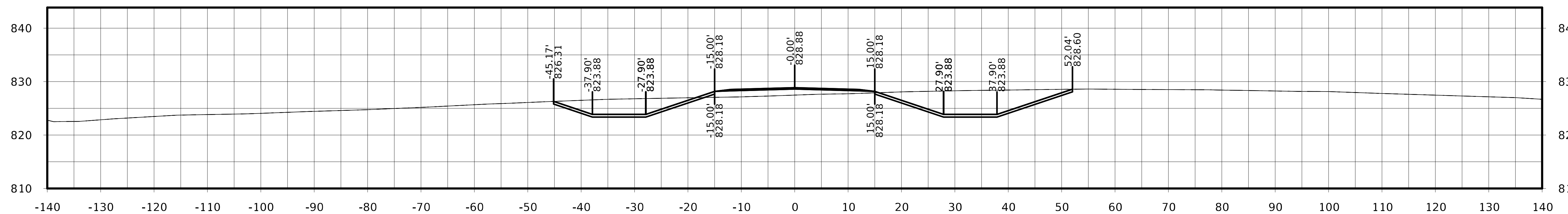
STA. 2014+25.00



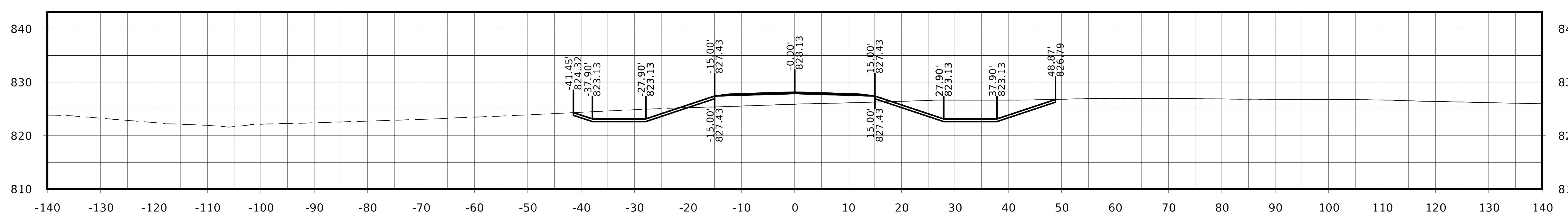
STA. 2014+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.401

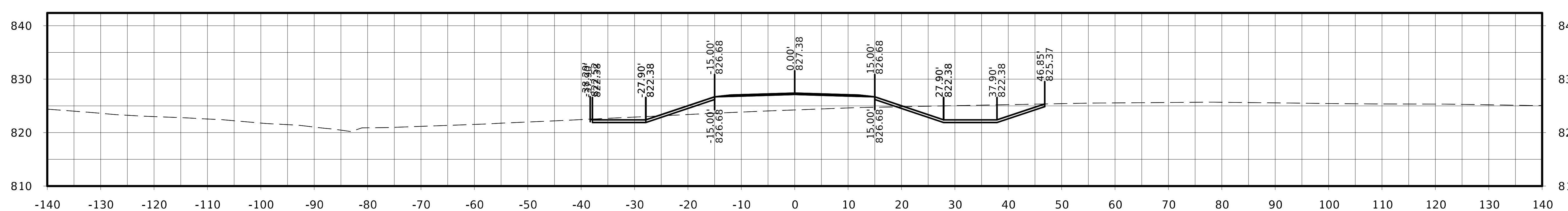
Jewell Ave.



STA. 2015+25.00



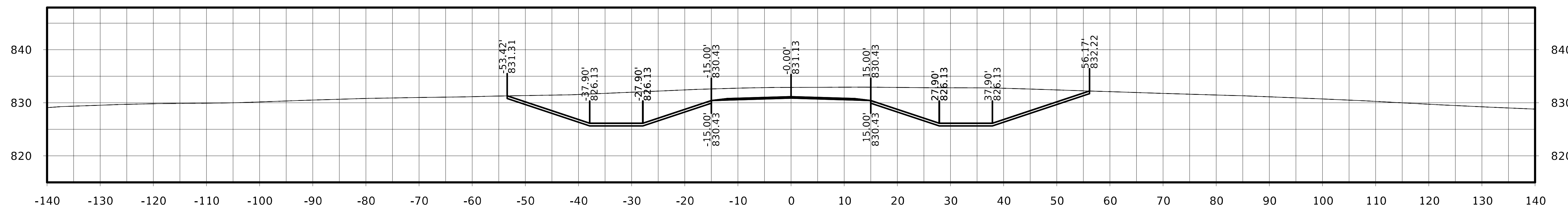
STA. 2015+00.00



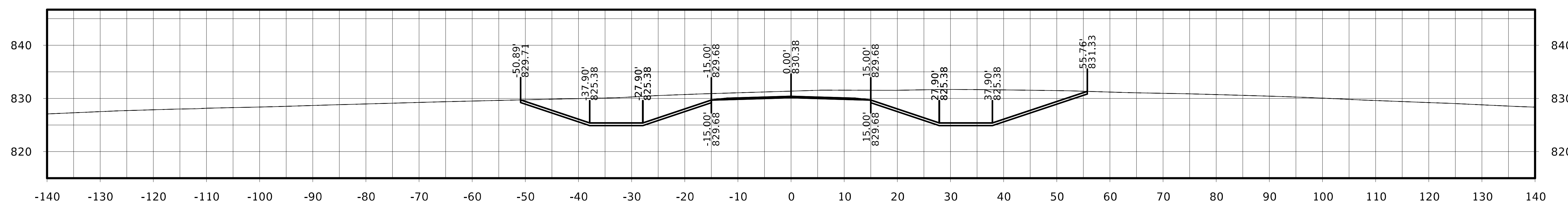
STA. 2014+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.402

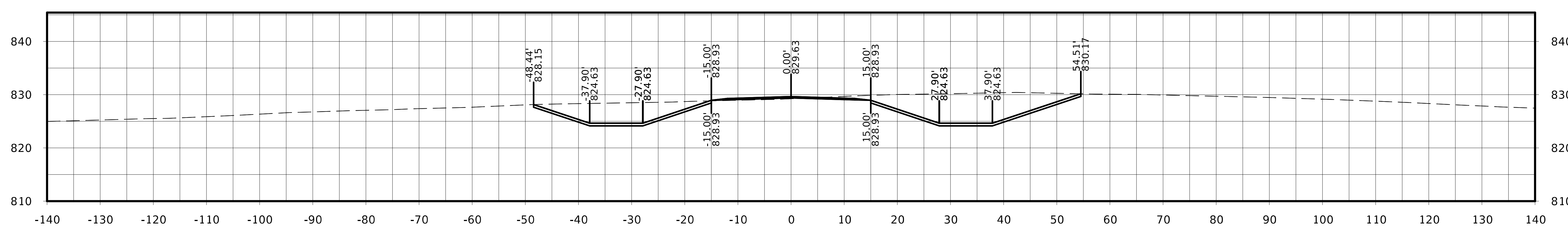
Jewell Ave.



STA. 2016+00.00

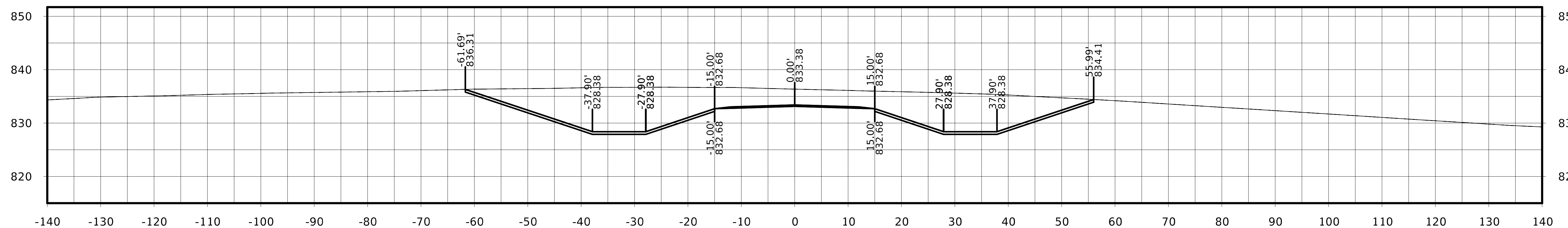


STA. 2015+75.00

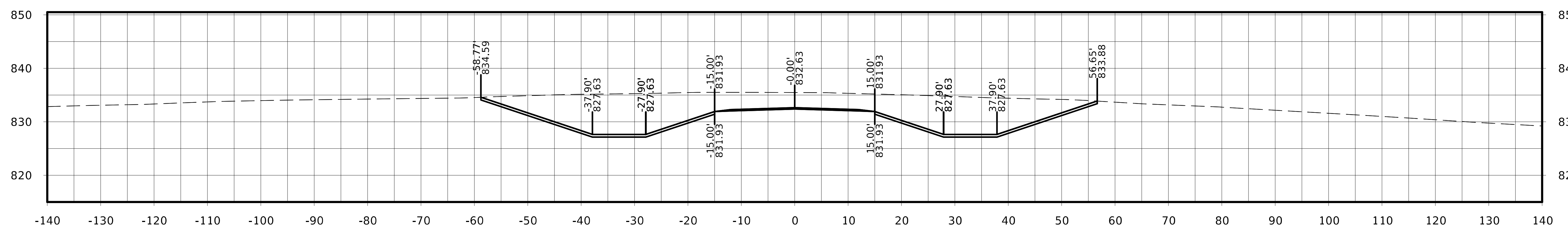


STA. 2015+50.00

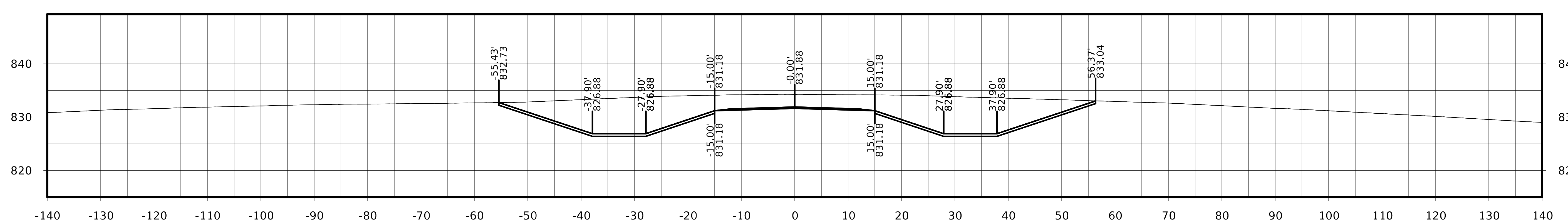
Jewell Ave.



STA. 2016+75.00

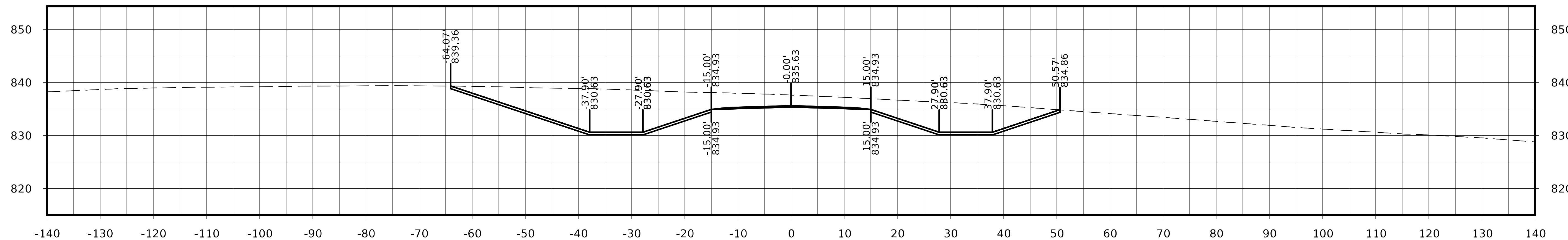


STA. 2016+50.00

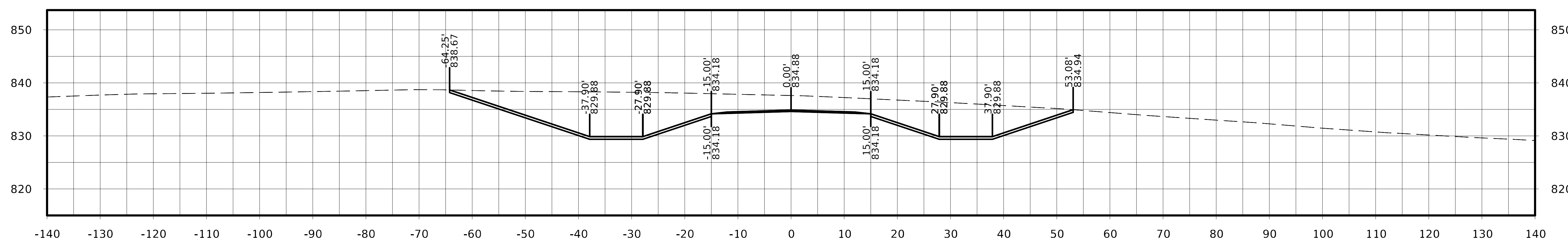


STA. 2016+25.00

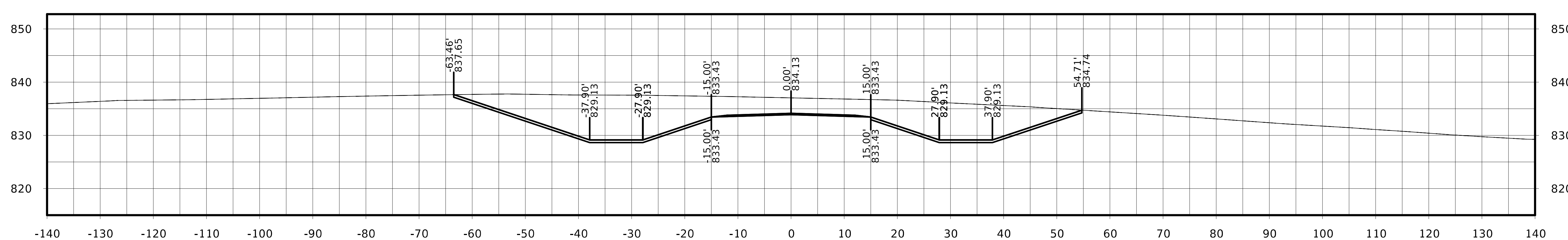
Jewell Ave.



STA. 2017+50.00

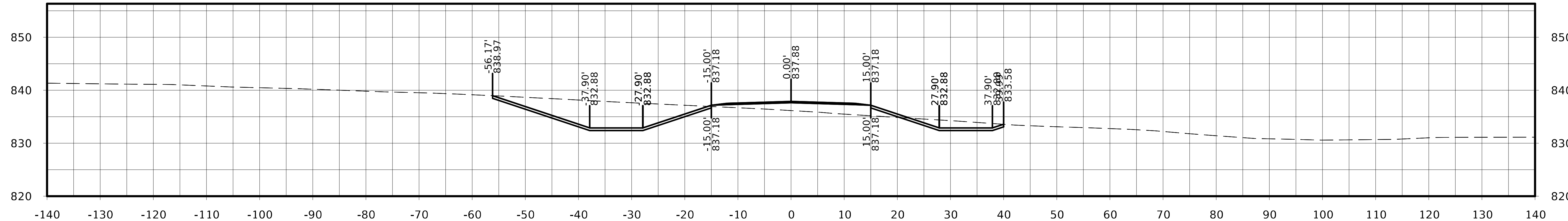


STA. 2017+25.00

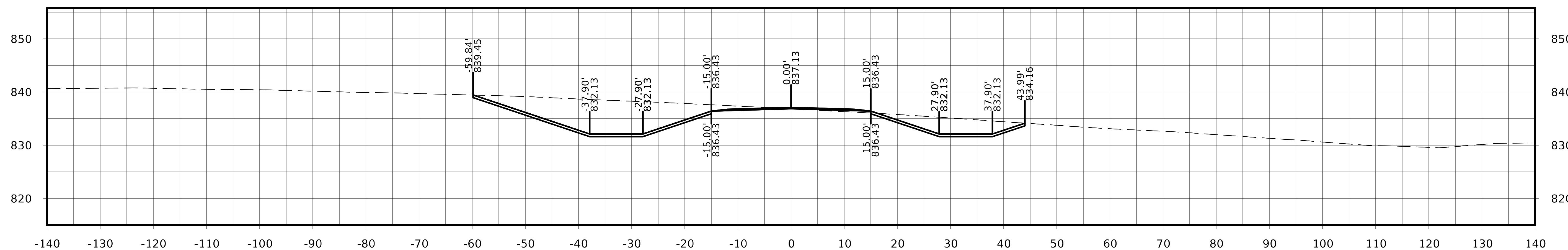


STA. 2017+00.00

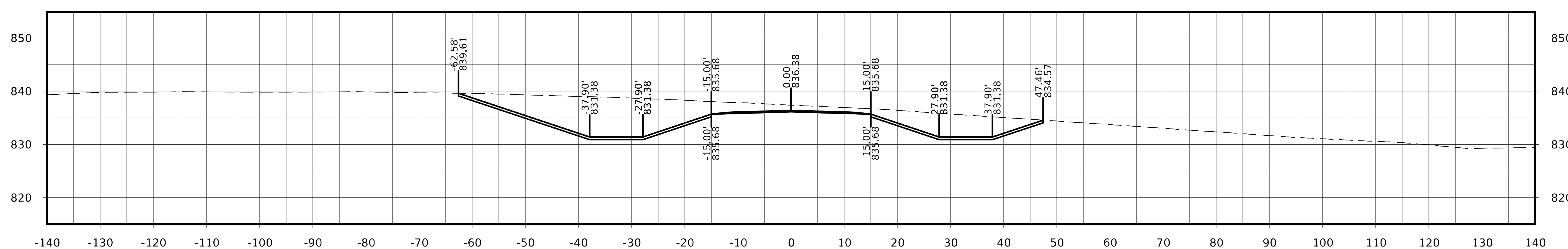
Jewell Ave.



STA. 2018+25.00



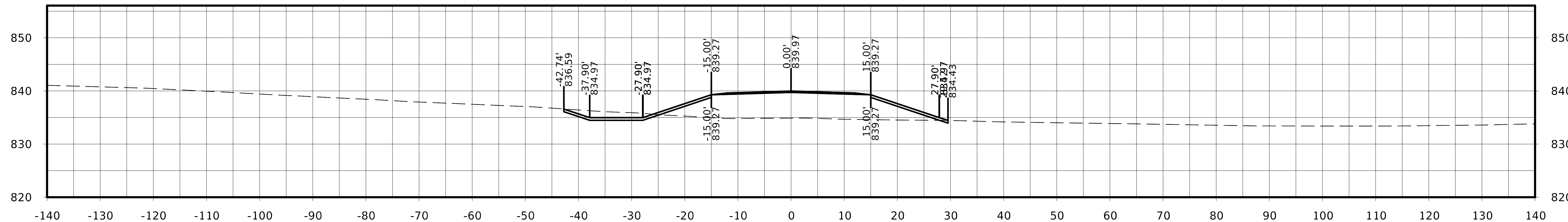
STA. 2018+00.00



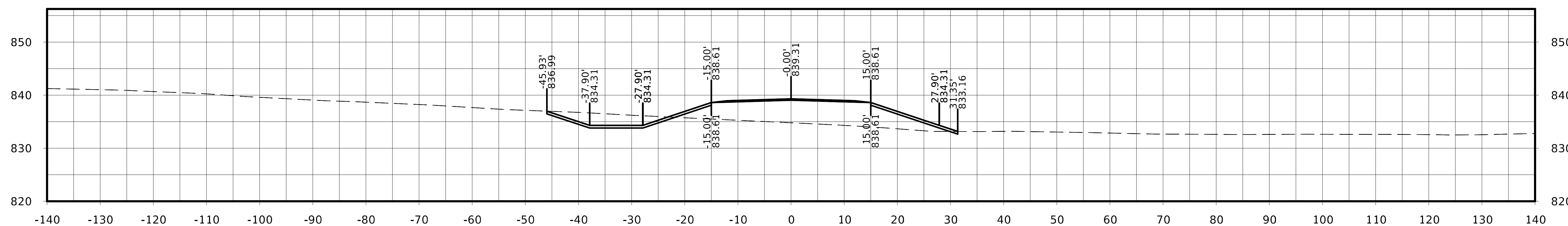
STA. 2017+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.406

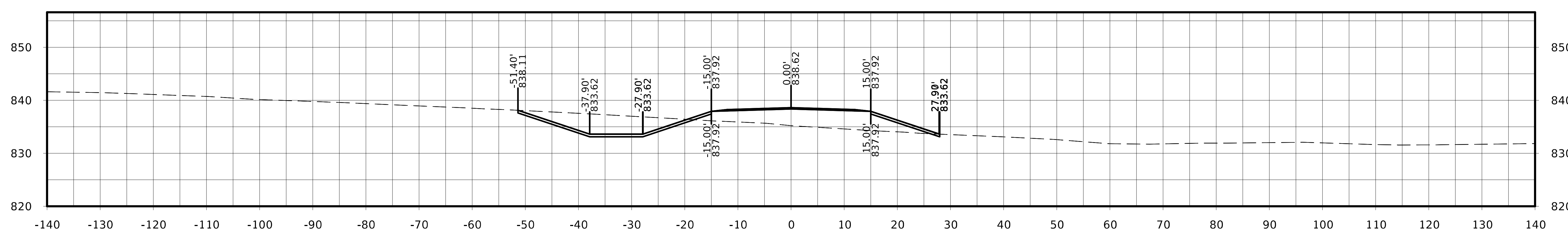
Jewell Ave.



STA. 2019+00.00



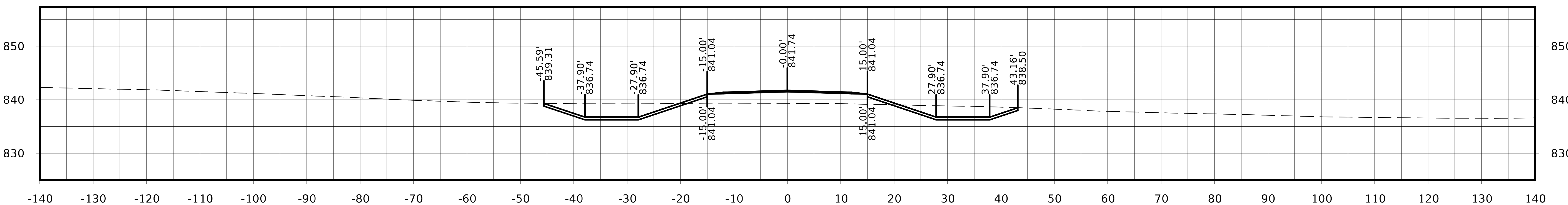
STA. 2018+75.00



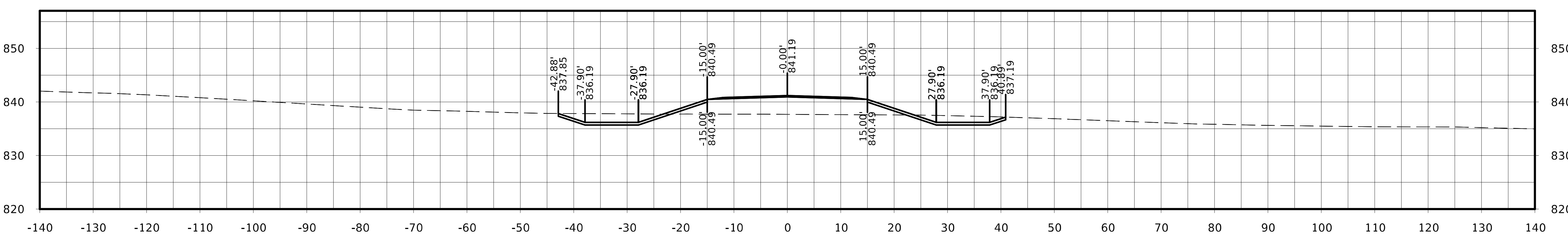
STA. 2018+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.407

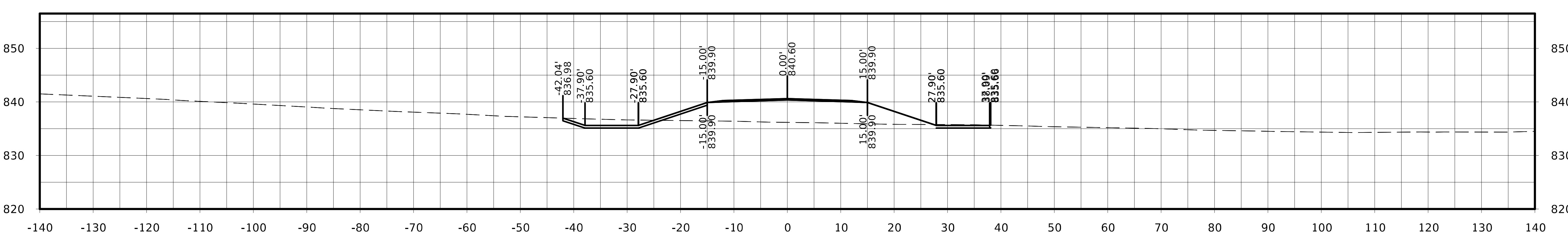
Jewell Ave.



STA. 2019+75.00



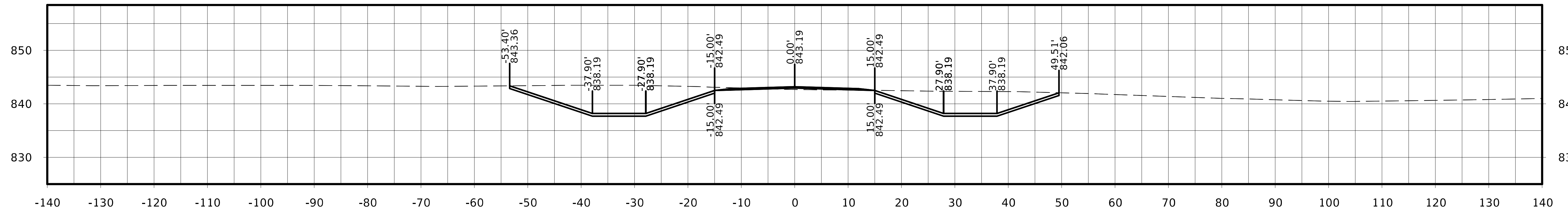
STA. 2019+50.00



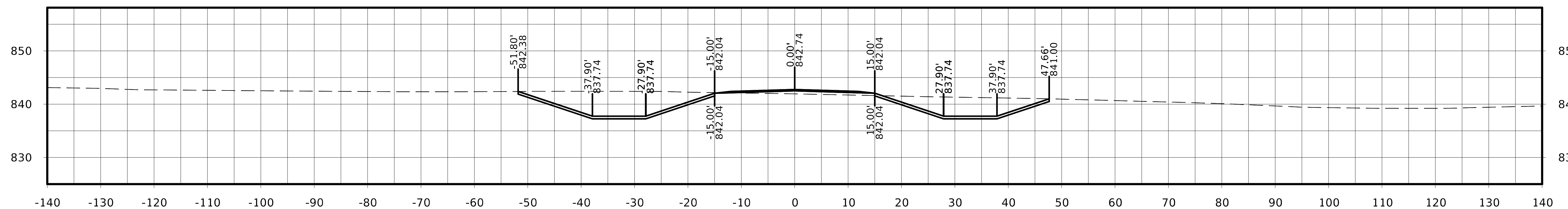
STA. 2019+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.408

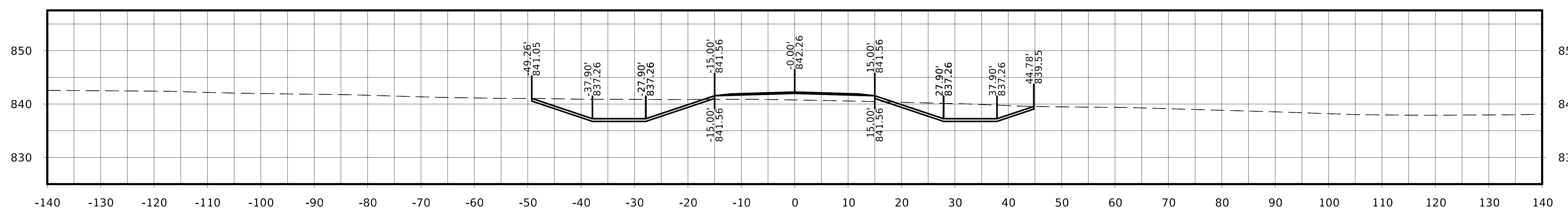
Jewell Ave.



STA. 2020+50.00

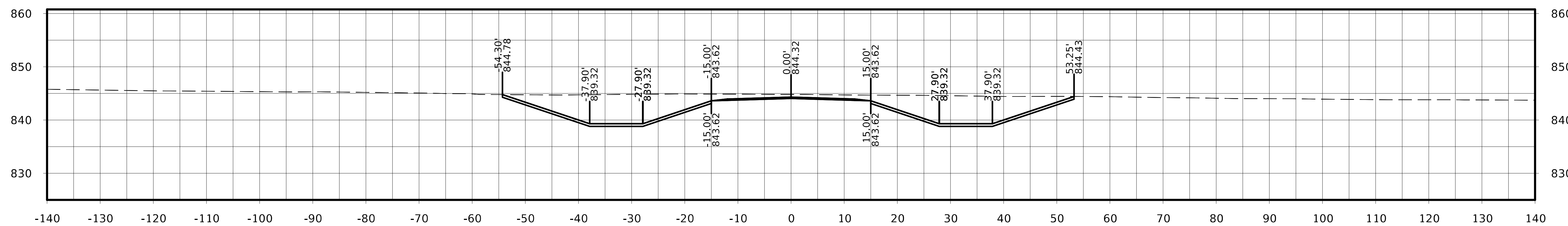


STA. 2020+25.00

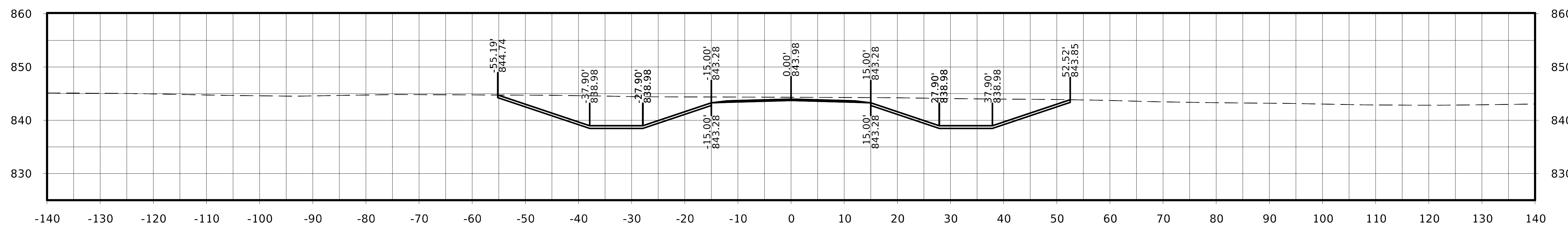


STA. 2020+00.00

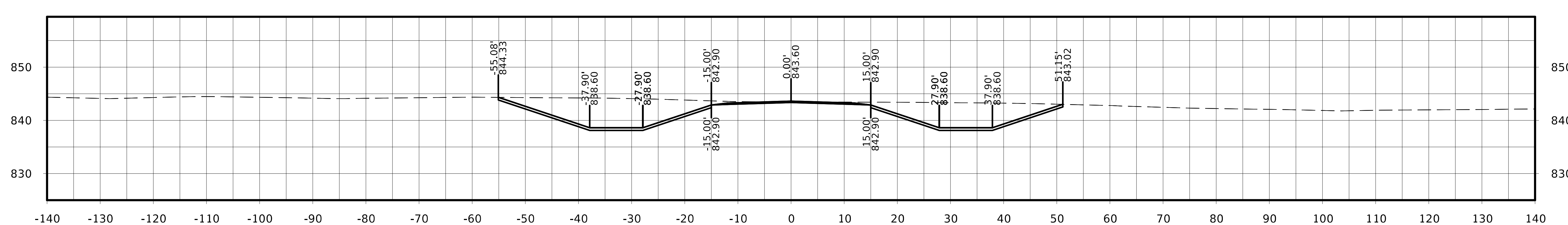
Jewell Ave.



STA. 2021+25.00



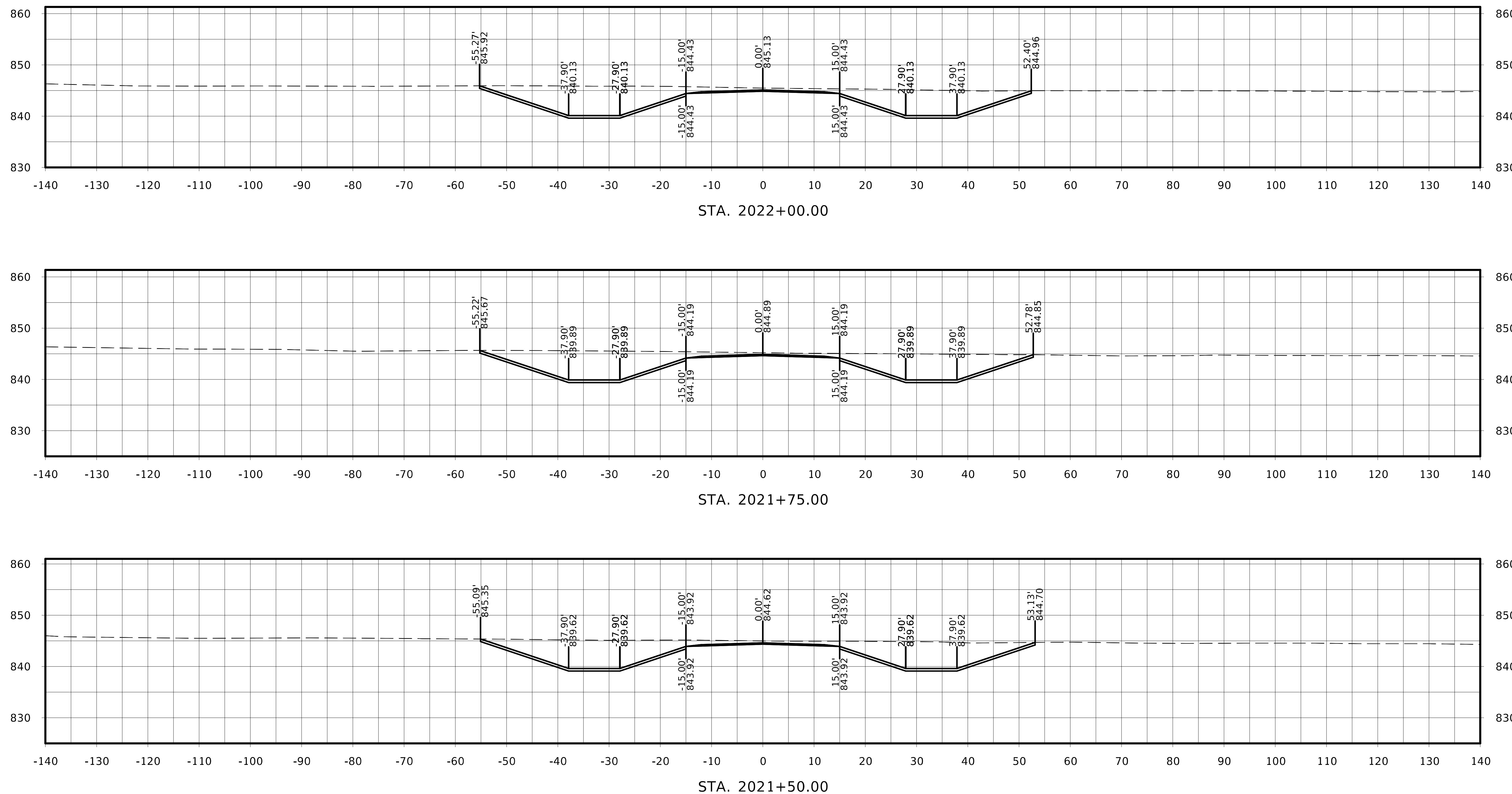
STA. 2021+00.00



STA. 2020+75.00

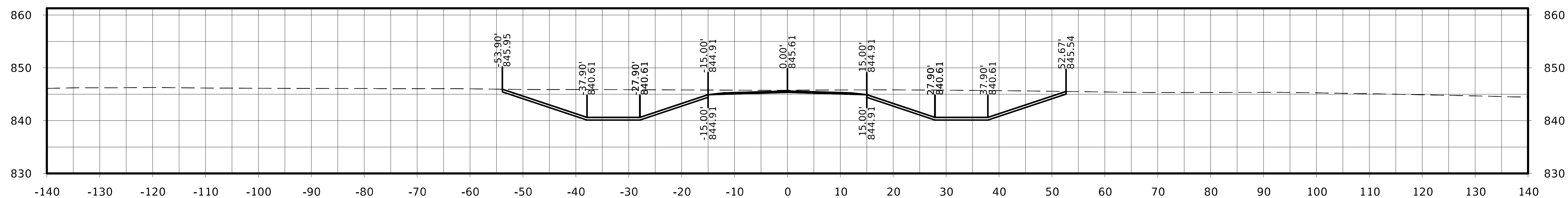
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.410

Jewell Ave.

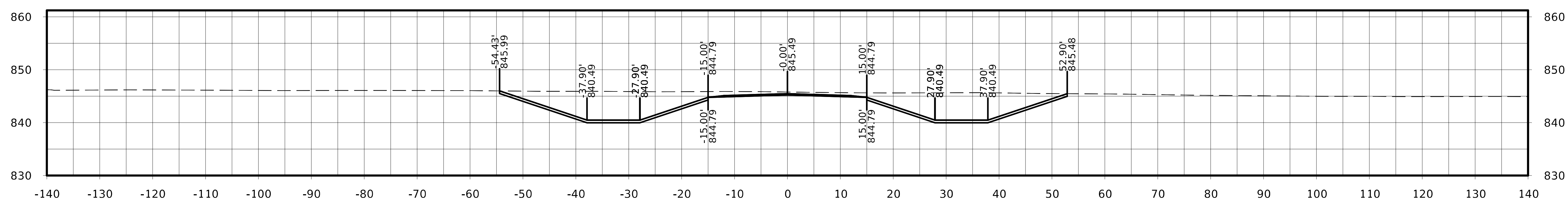


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.411

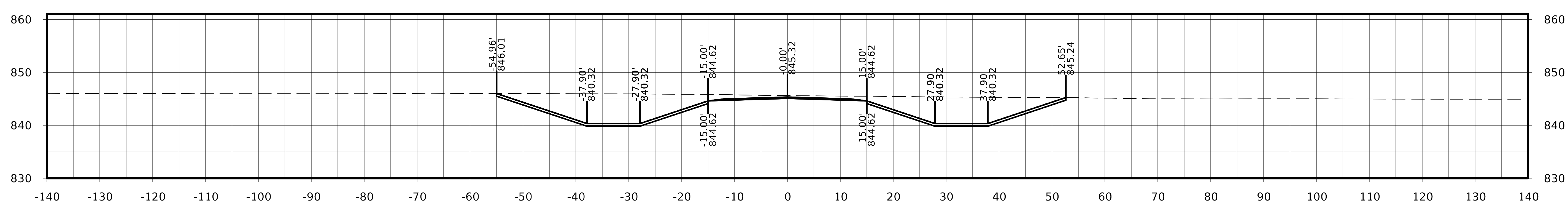
Jewell Ave.



STA. 2022+75.00



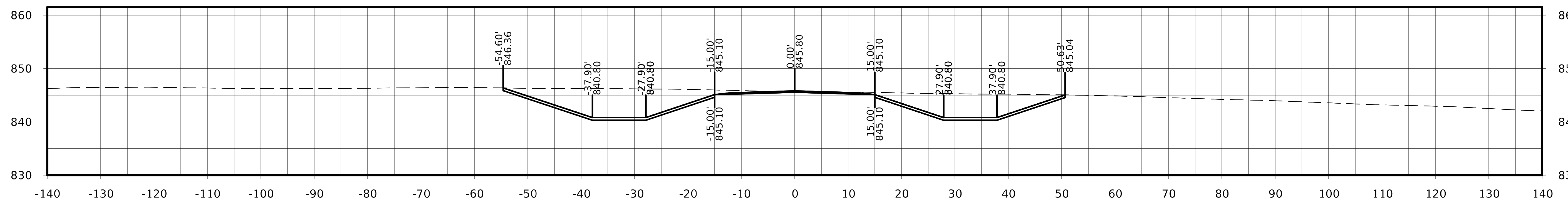
STA. 2022+50.00



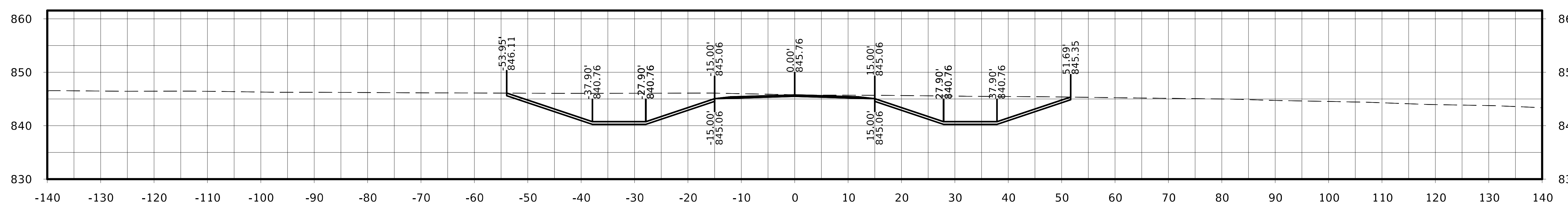
STA. 2022+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.412

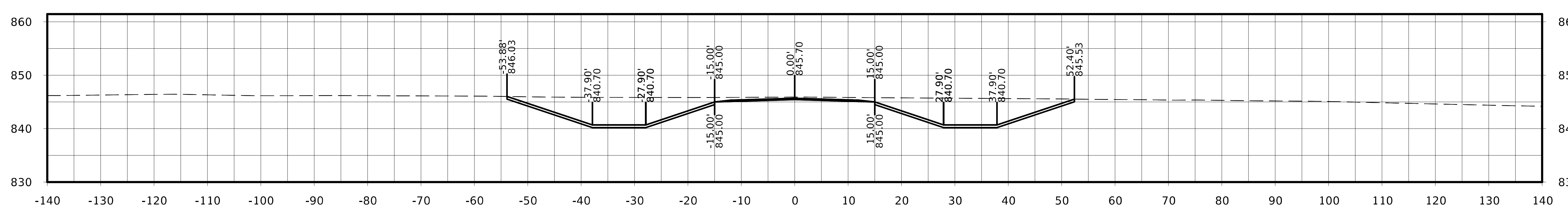
Jewell Ave.



STA. 2023+50.00

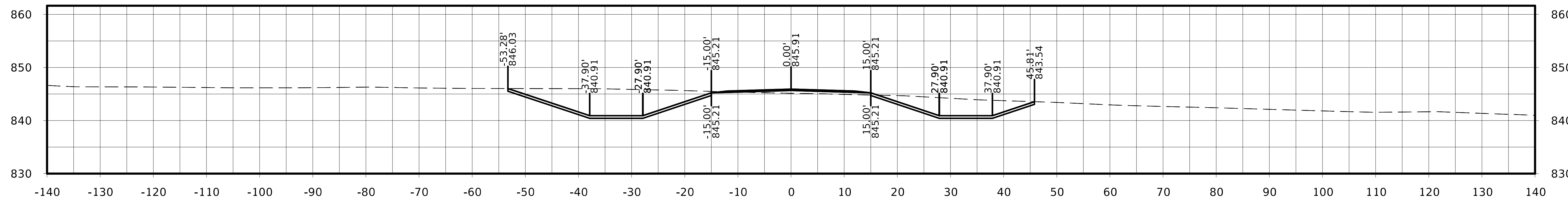


STA. 2023+25.00

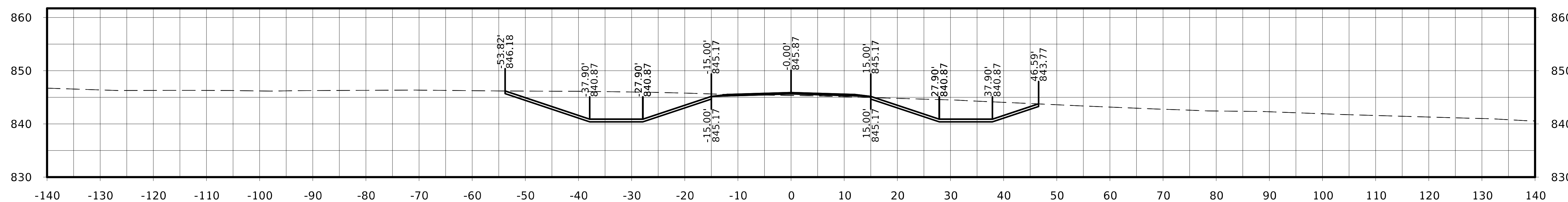


STA. 2023+00.00

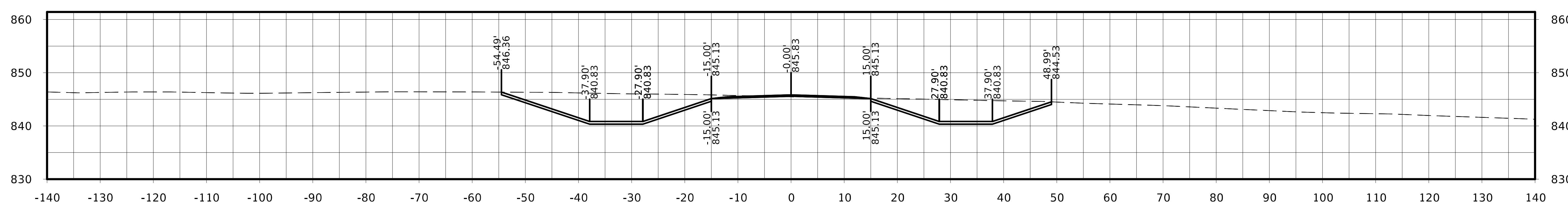
Jewell Ave.



STA. 2024+25.00



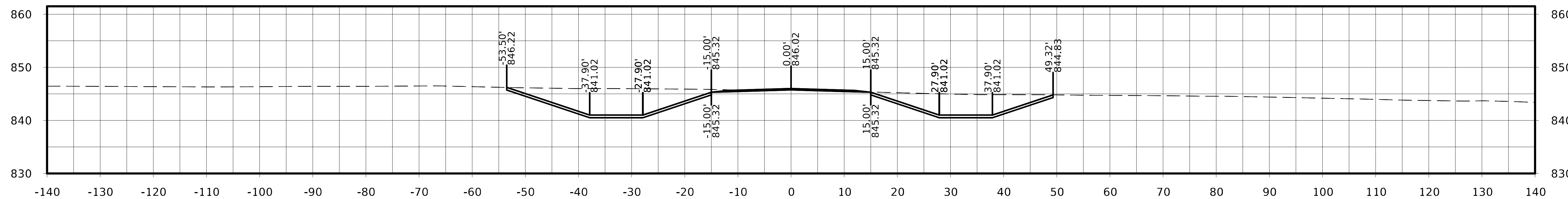
STA. 2024+00.00



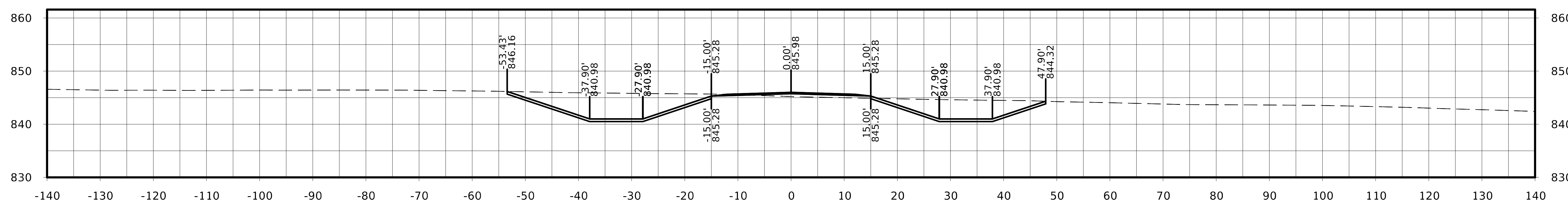
STA. 2023+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.414

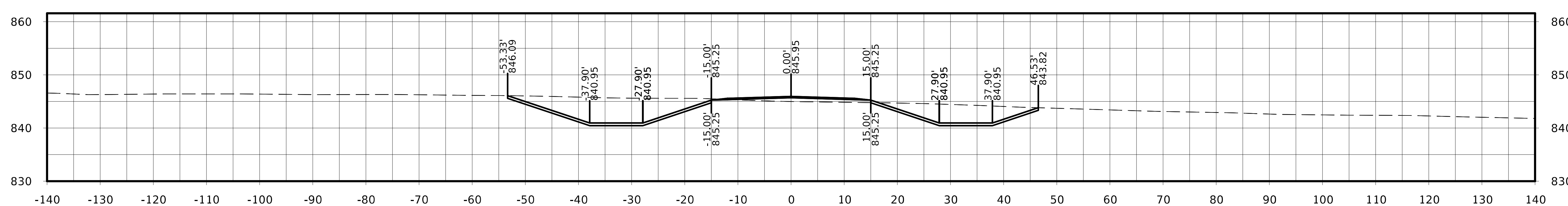
Jewell Ave.



STA. 2025+00.00



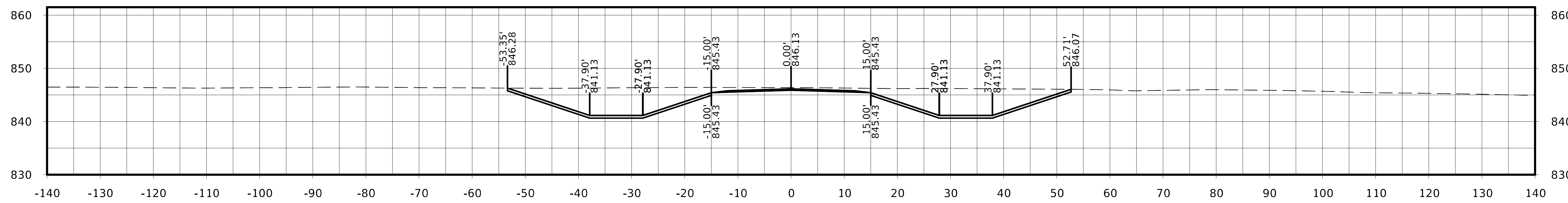
STA. 2024+75.00



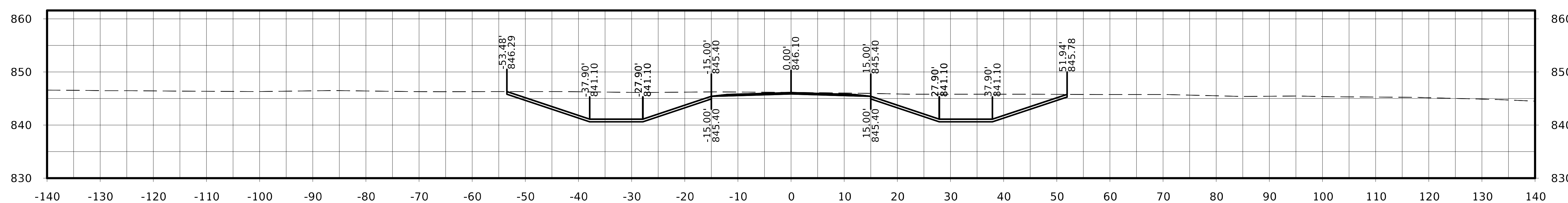
STA. 2024+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.415

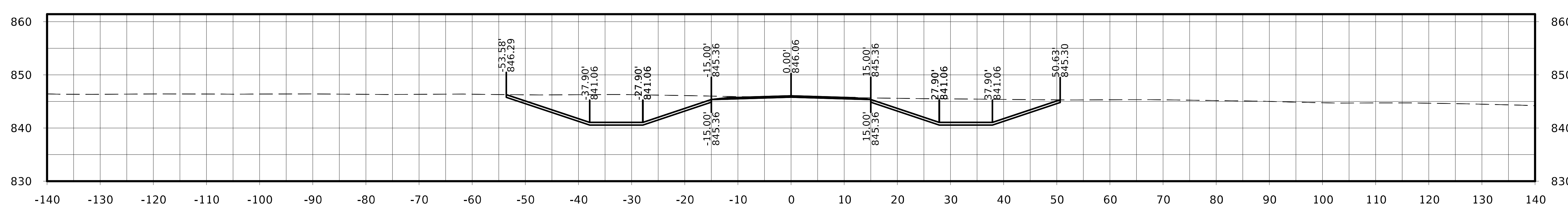
Jewell Ave.



STA. 2025+75.00



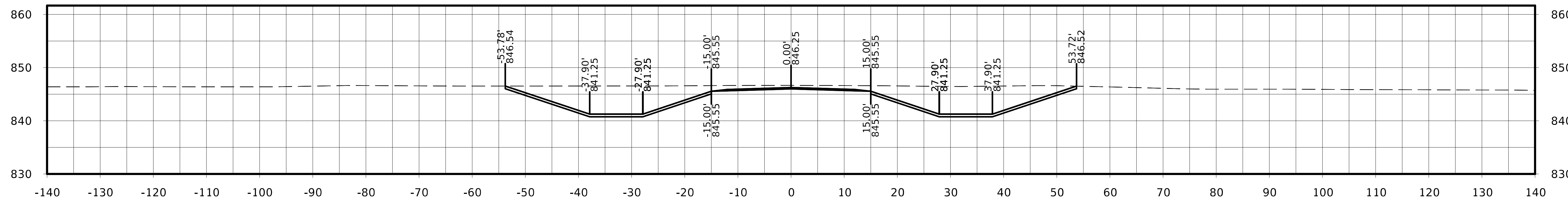
STA. 2025+50.00



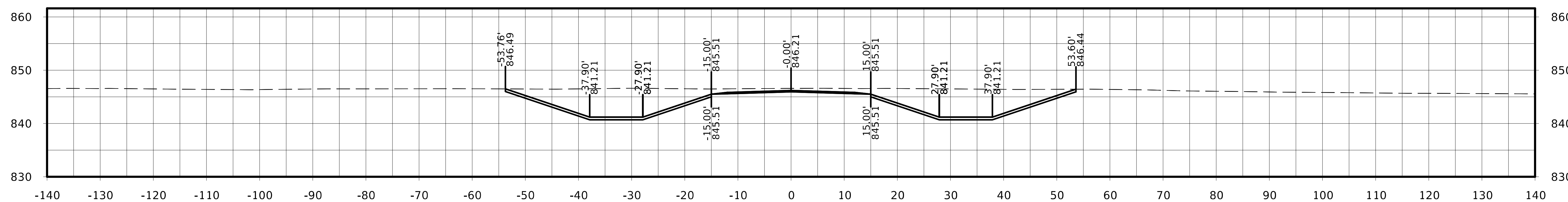
STA. 2025+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.416

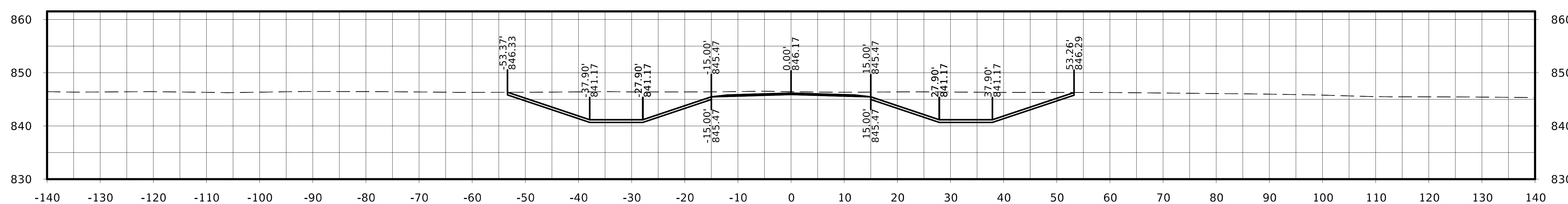
Jewell Ave.



STA. 2026+50.00

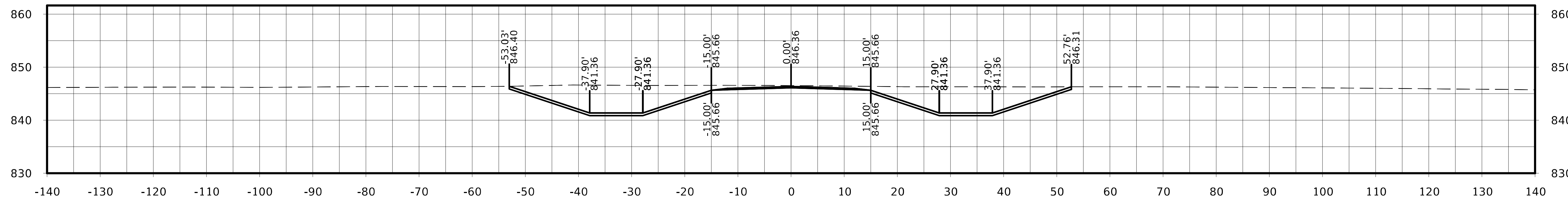


STA. 2026+25.00

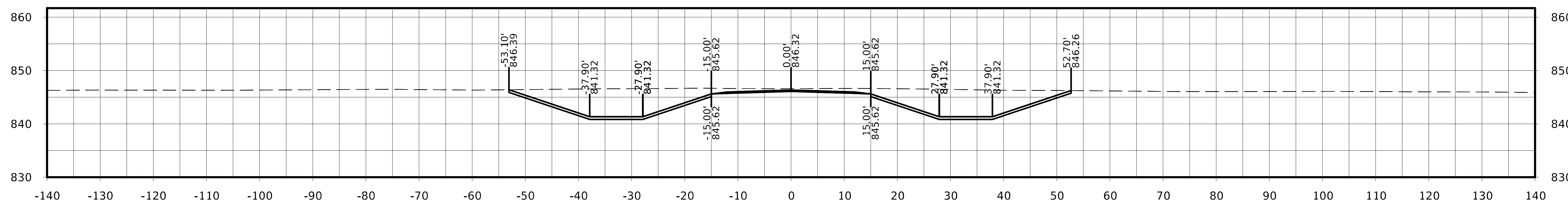


STA. 2026+00.00

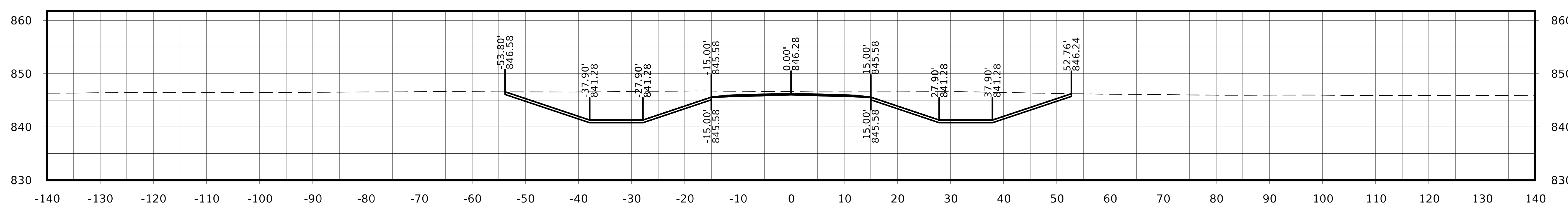
Jewell Ave.



STA. 2027+25.00



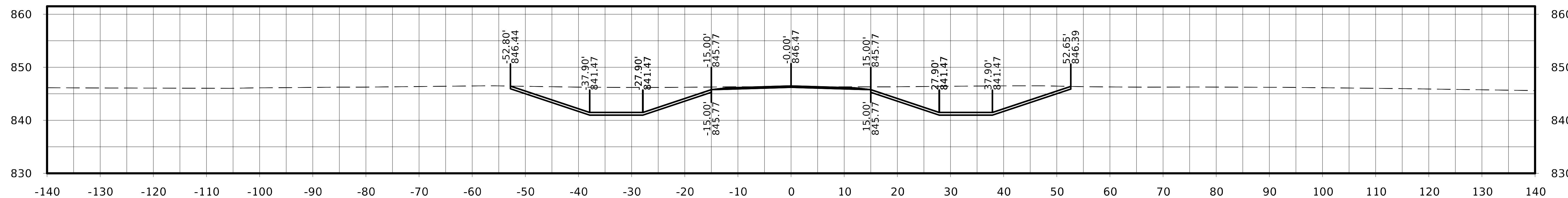
STA. 2027+00.00



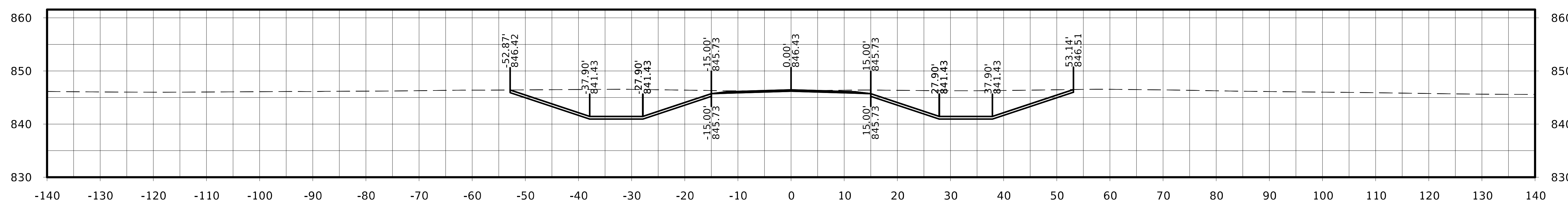
STA. 2026+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.418

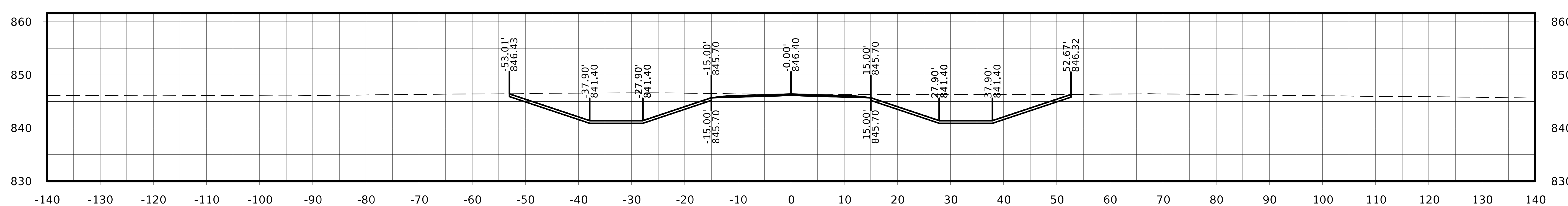
Jewell Ave.



STA. 2028+00.00



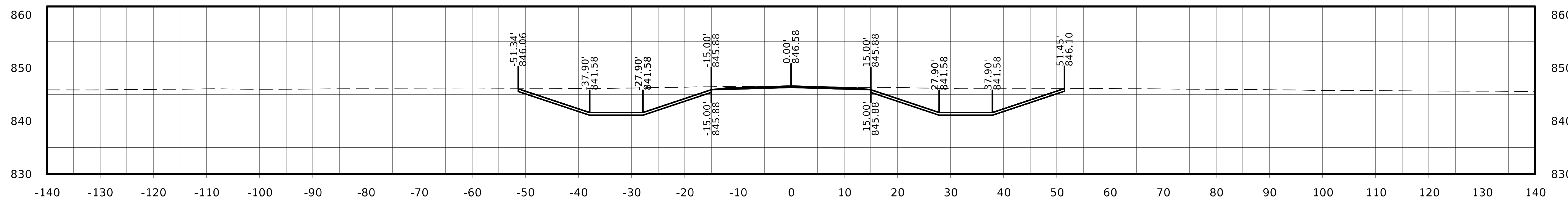
STA. 2027+75.00



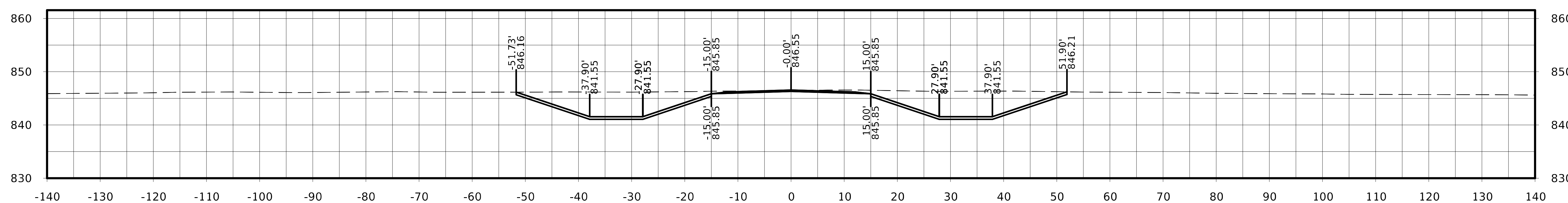
STA. 2027+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.419

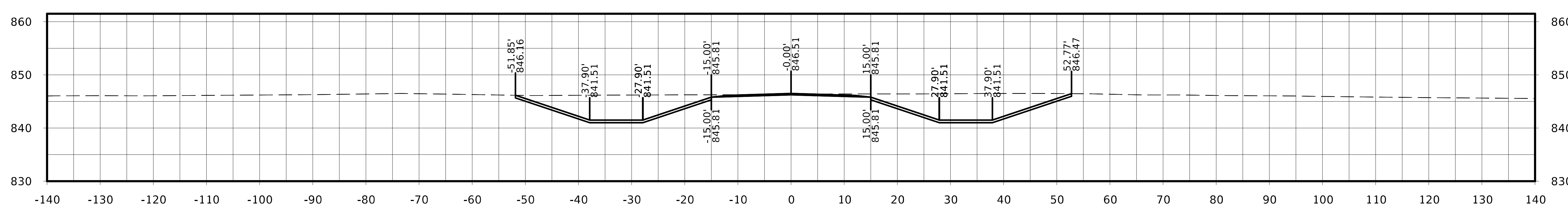
Jewell Ave.



STA. 2028+75.00

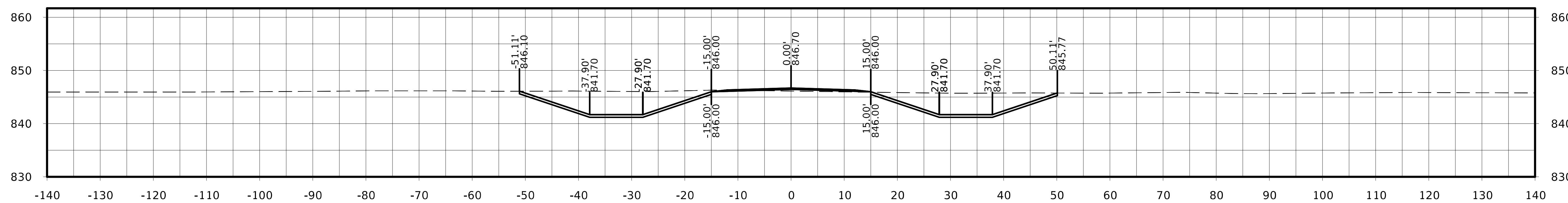


STA. 2028+50.00

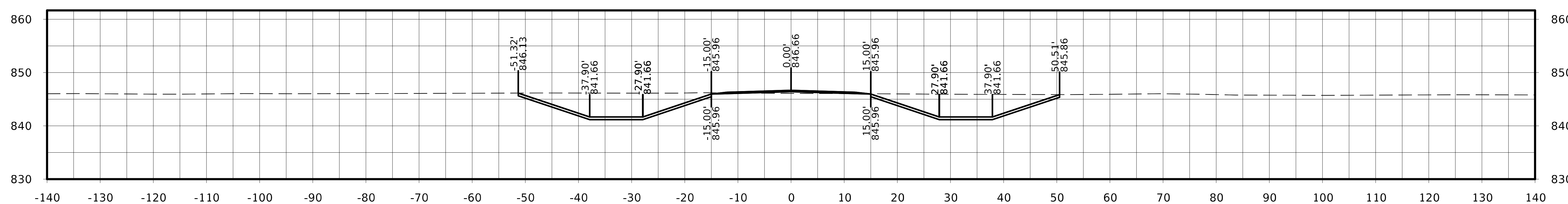


STA. 2028+25.00

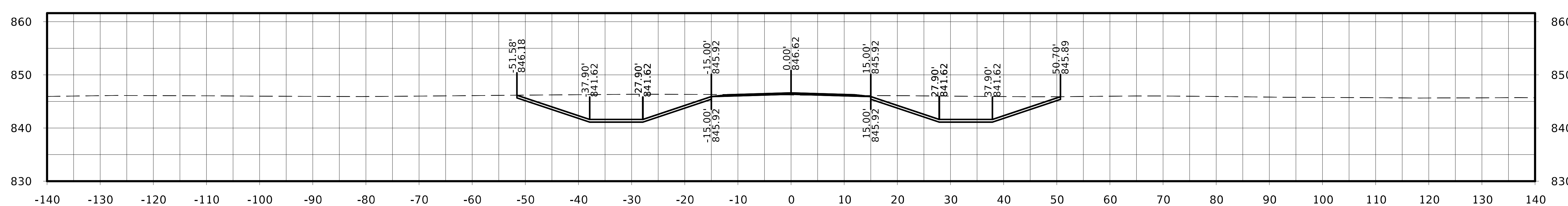
Jewell Ave.



STA. 2029+50.00



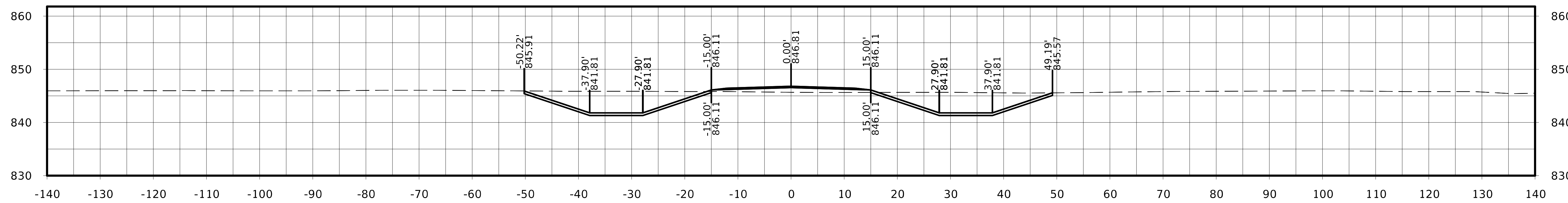
STA. 2029+25.00



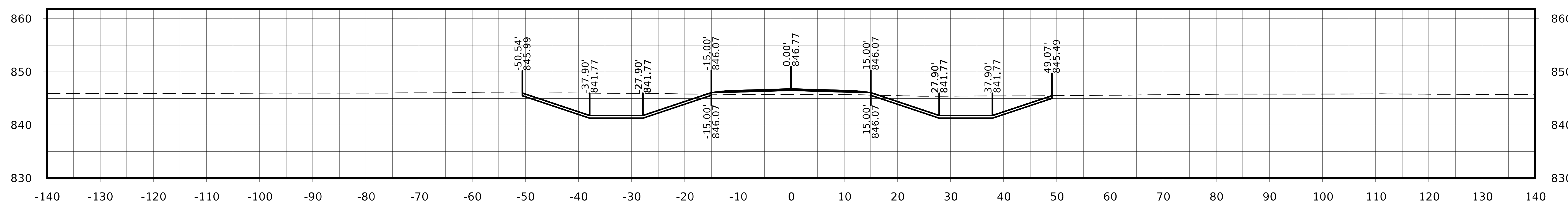
STA. 2029+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.421

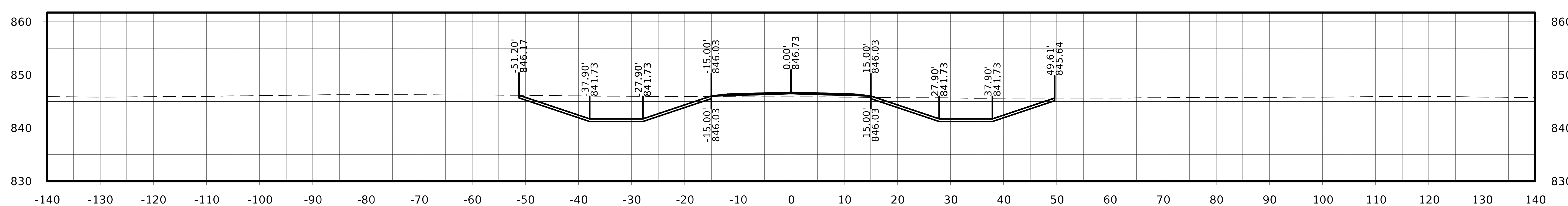
Jewell Ave.



STA. 2030+25.00



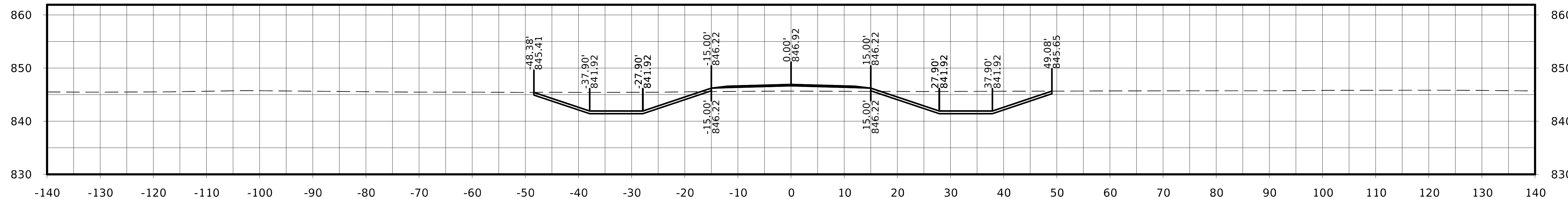
STA. 2030+00.00



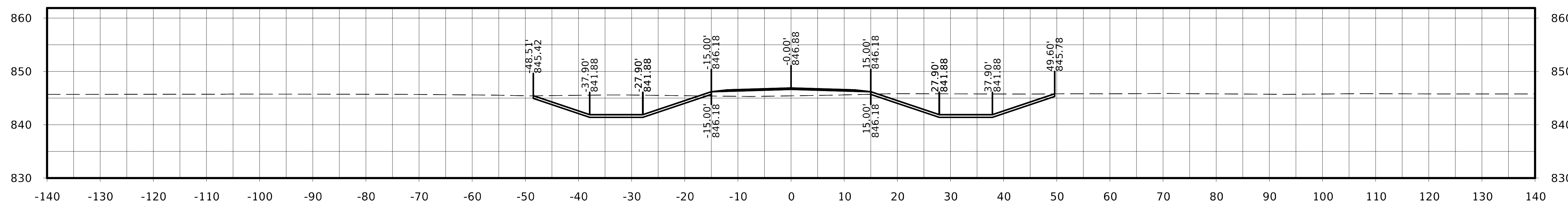
STA. 2029+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.422

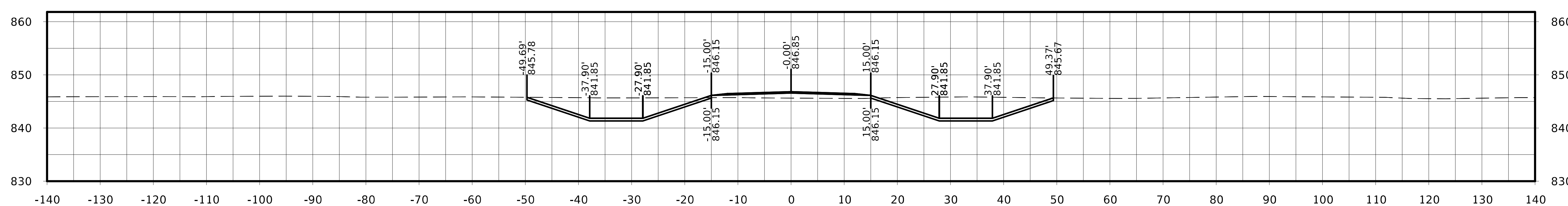
Jewell Ave.



STA. 2031+00.00



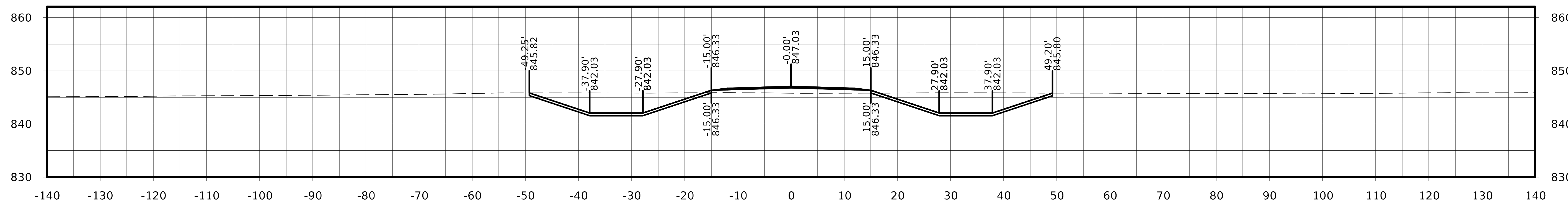
STA. 2030+75.00



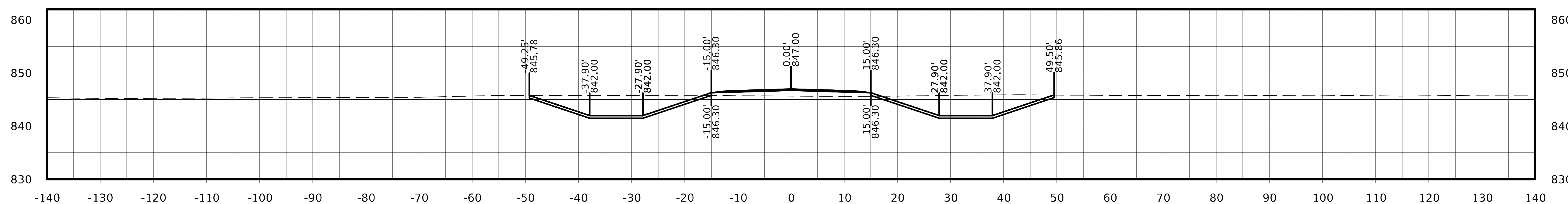
STA. 2030+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.423

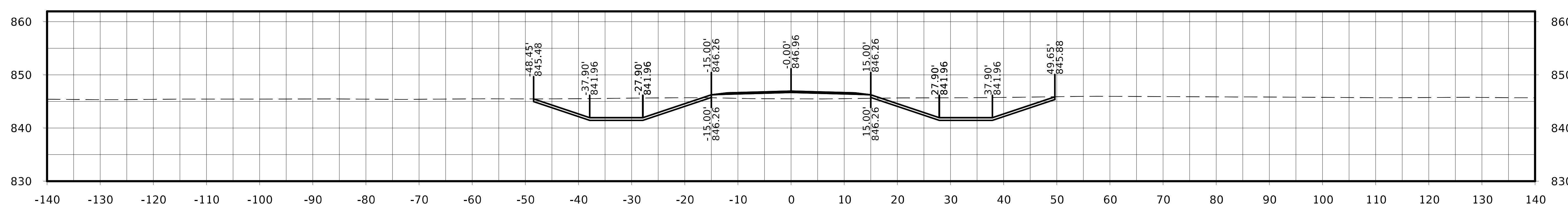
Jewell Ave.



STA. 2031+75.00



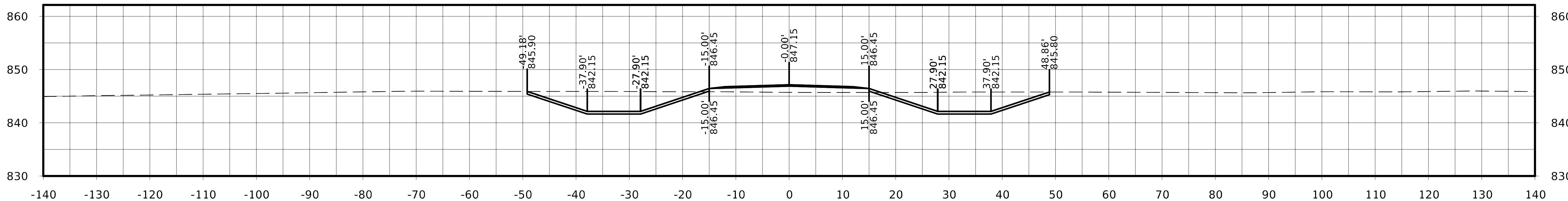
STA. 2031+50.00



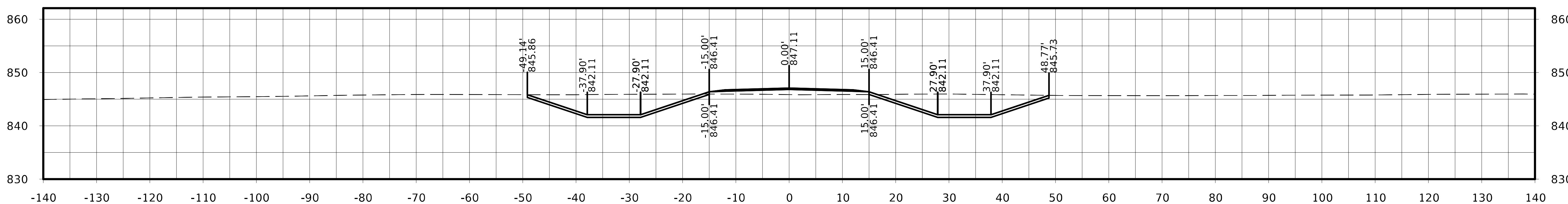
STA. 2031+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.424

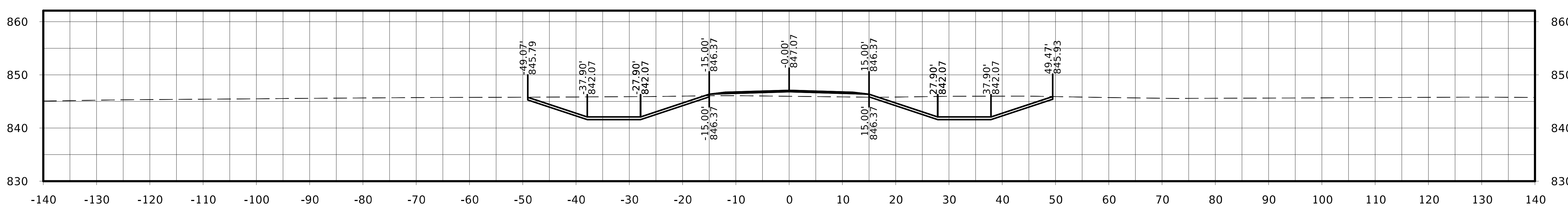
Jewell Ave.



STA. 2032+50.00



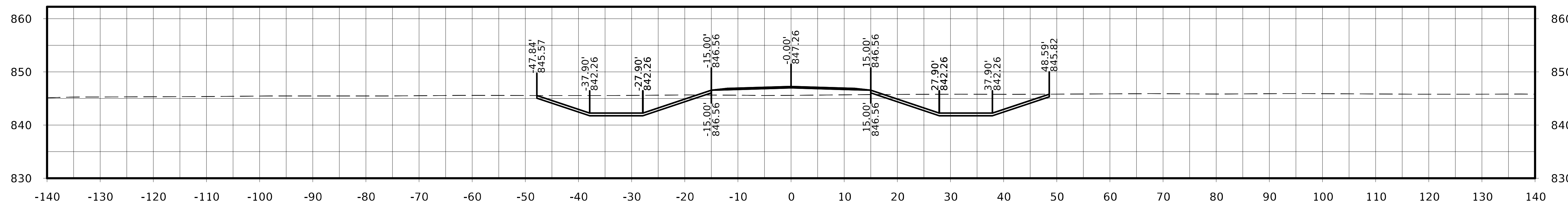
STA. 2032+25.00



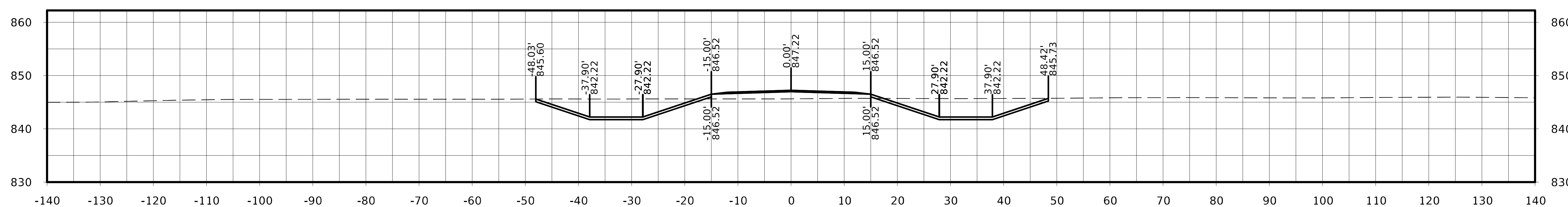
STA. 2032+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.425

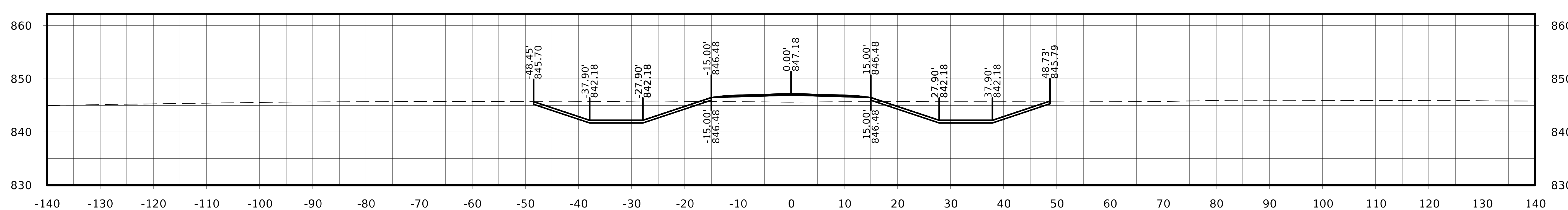
Jewell Ave.



STA. 2033+25.00



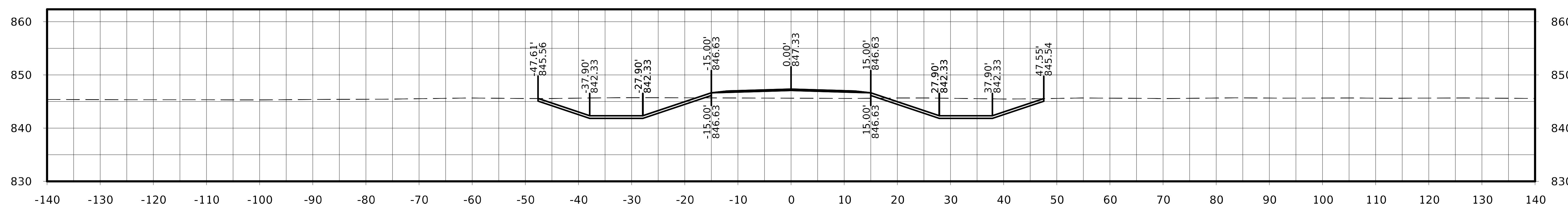
STA. 2033+00.00



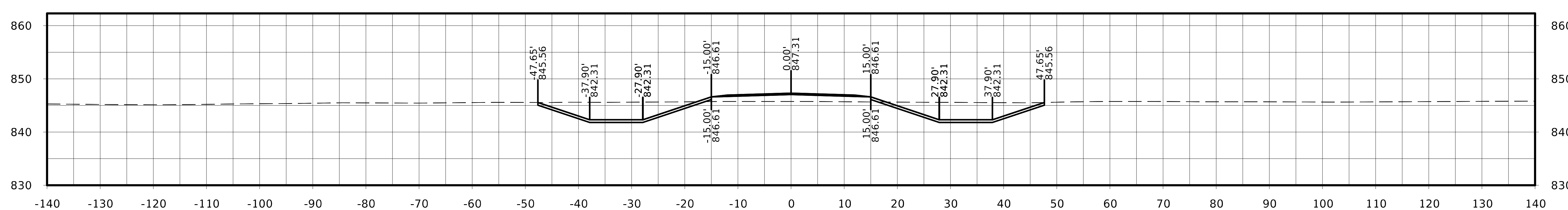
STA. 2032+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.426

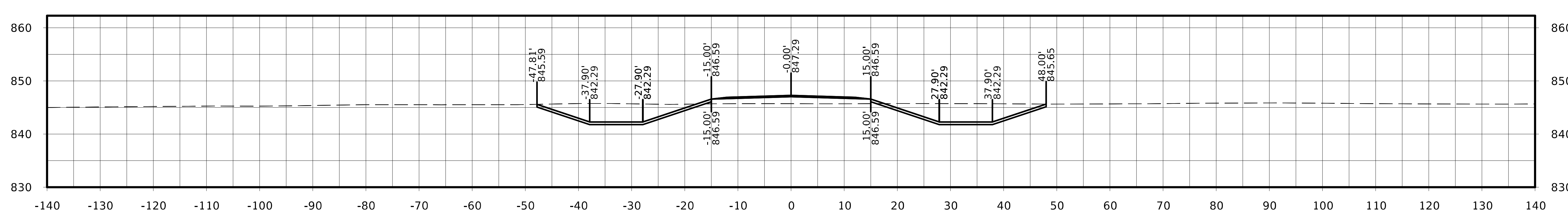
Jewell Ave.



STA. 2034+00.00



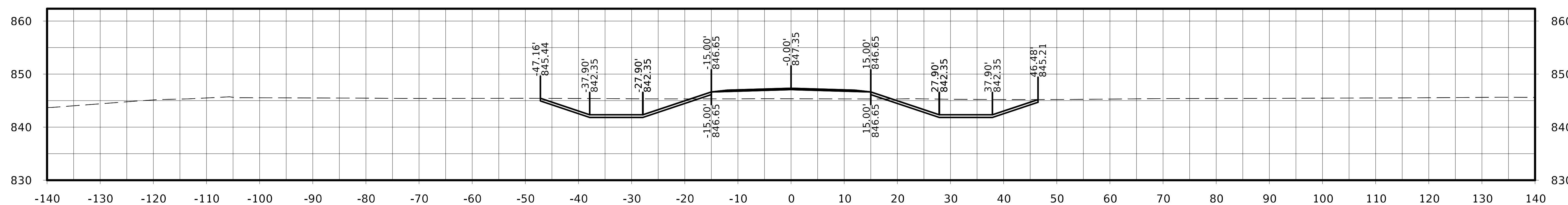
STA. 2033+75.00



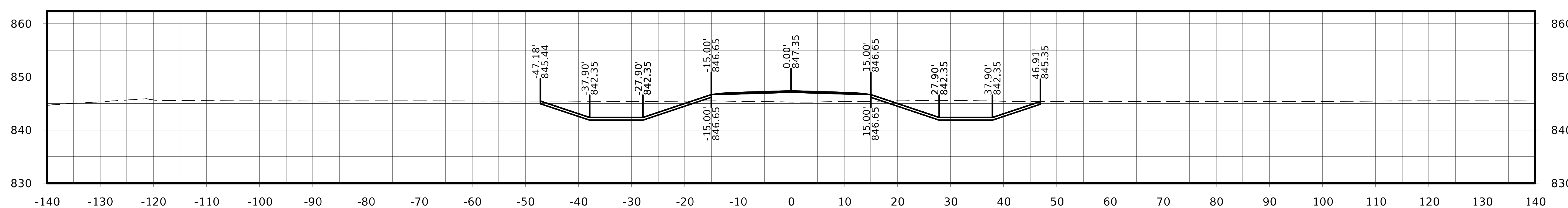
STA. 2033+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.427

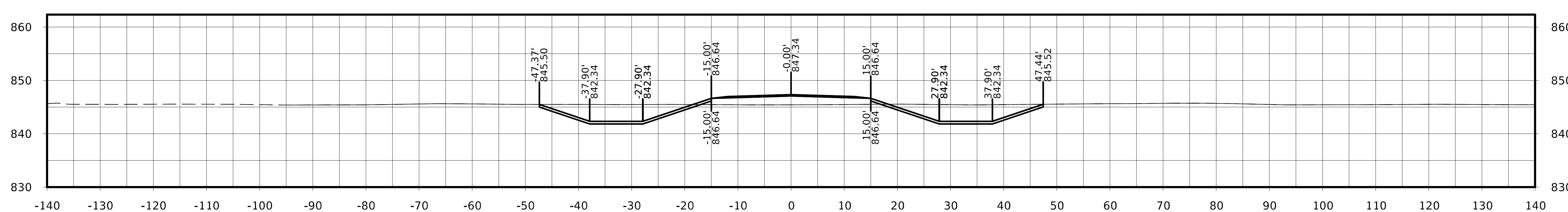
Jewell Ave.



STA. 2034+75.00



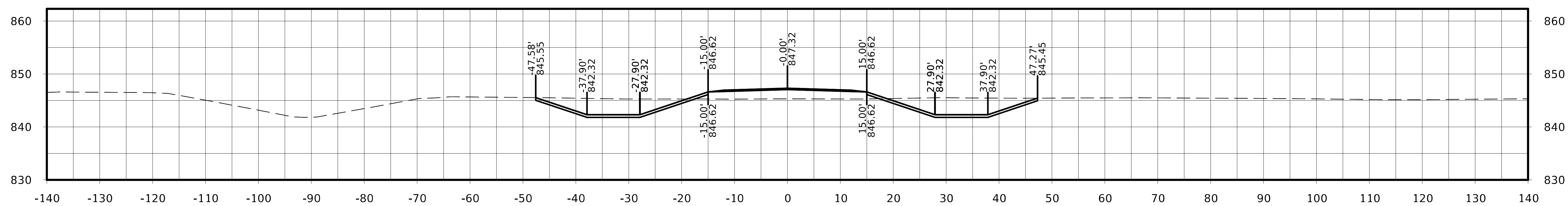
STA. 2034+50.00



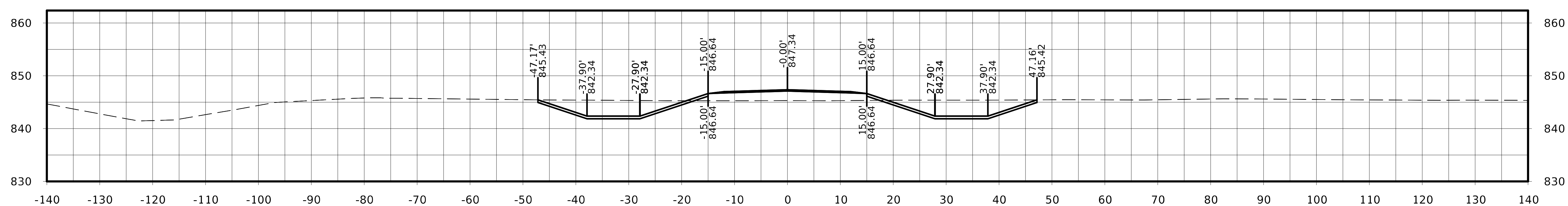
STA. 2034+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.428

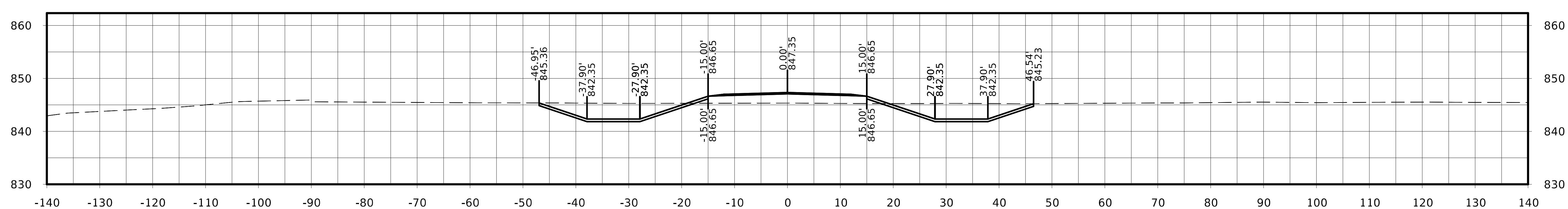
Jewell Ave.



STA. 2035+50.00



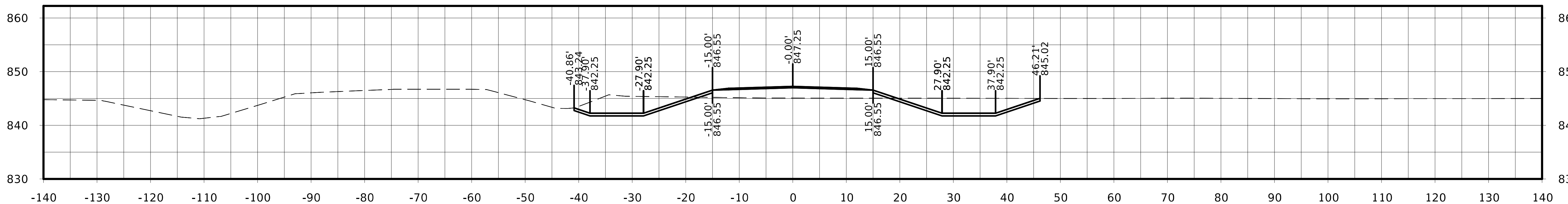
STA. 2035+25.00



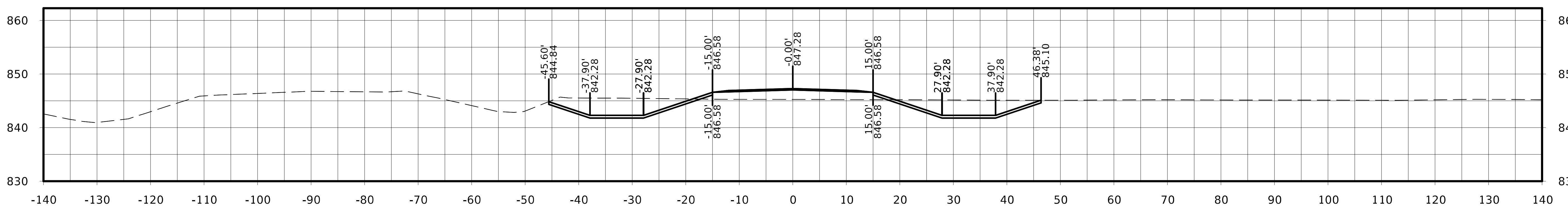
STA. 2035+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.429

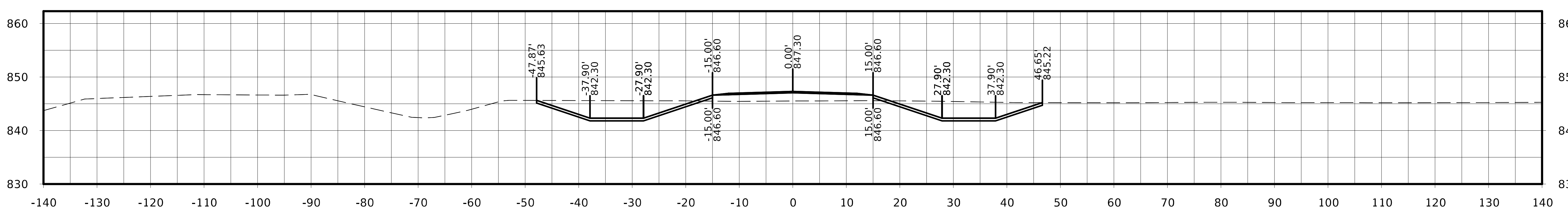
Jewell Ave.



STA. 2036+25.00

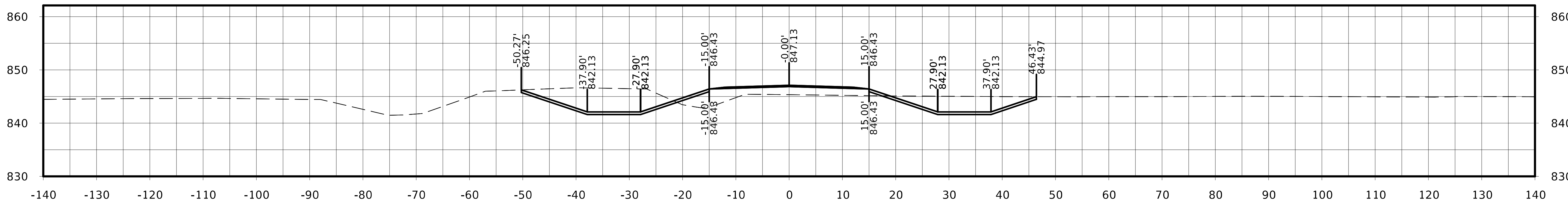


STA. 2036+00.00

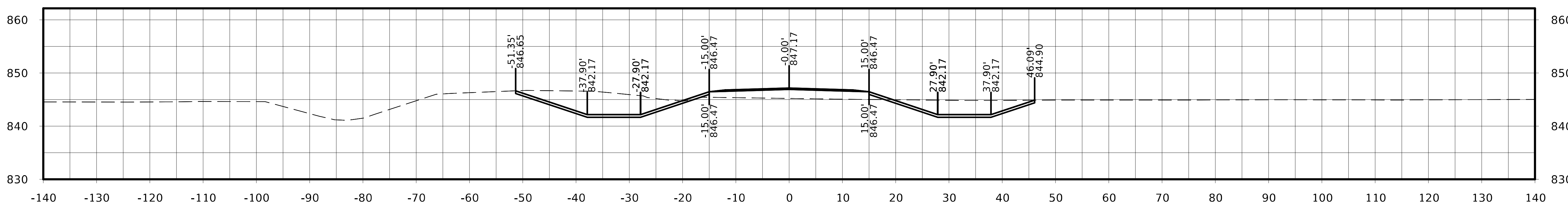


STA. 2035+75.00

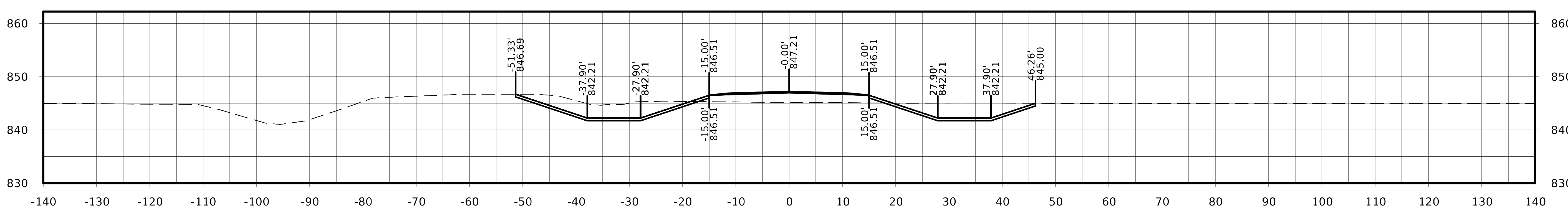
Jewell Ave.



STA. 2037+00.00



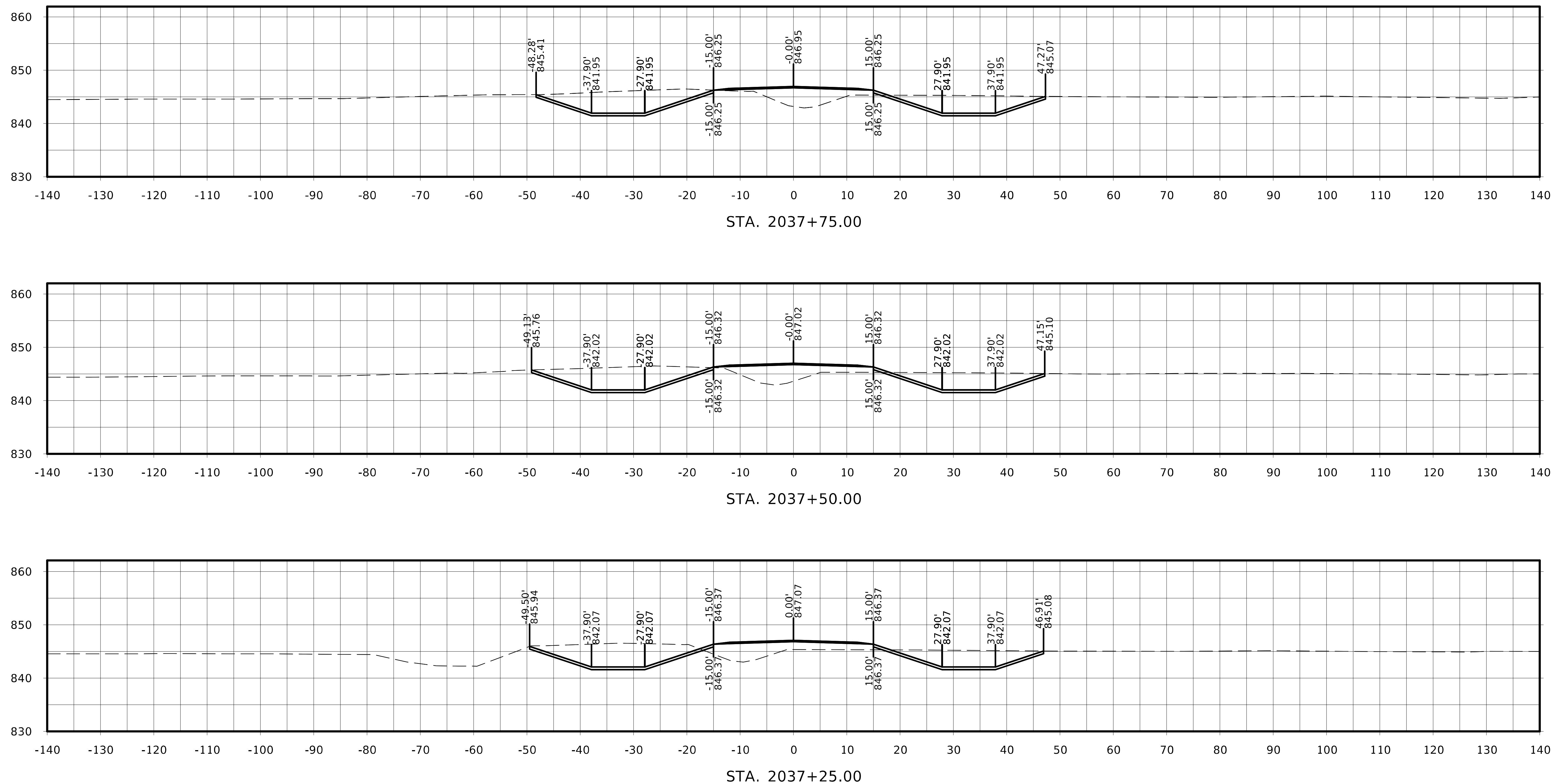
STA. 2036+75.00



STA. 2036+50.00

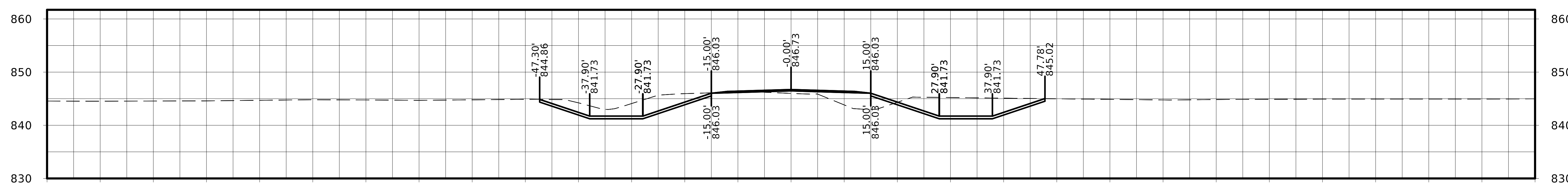
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.431

Jewell Ave.

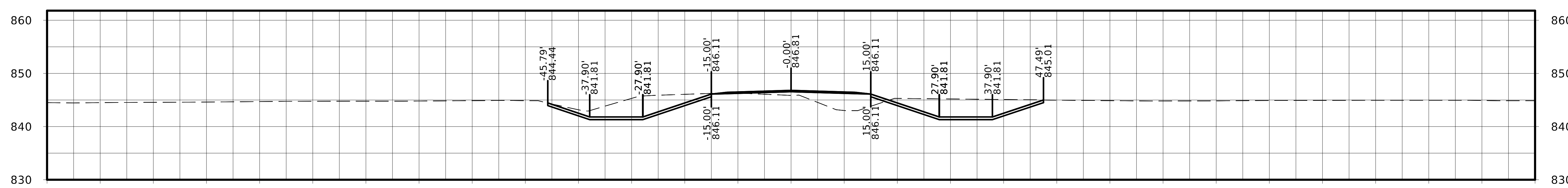


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.432

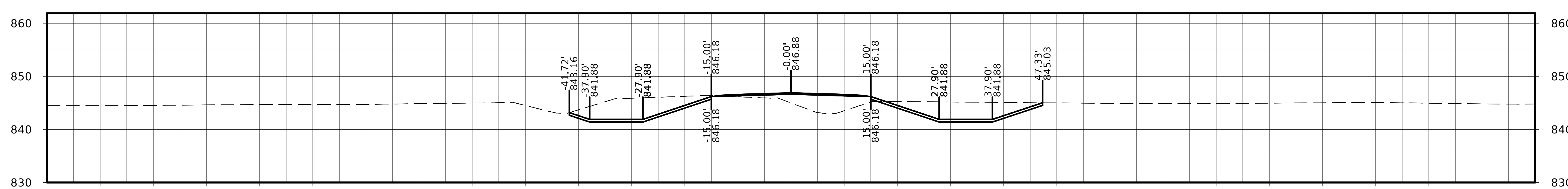
Jewell Ave.



STA. 2038+50.00

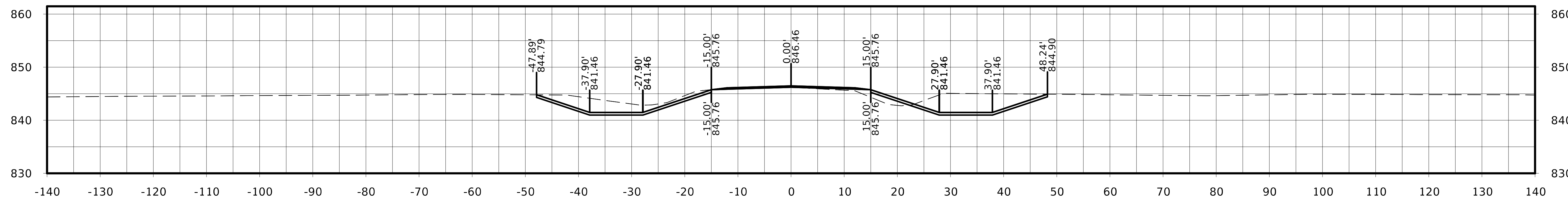


STA. 2038+25.00

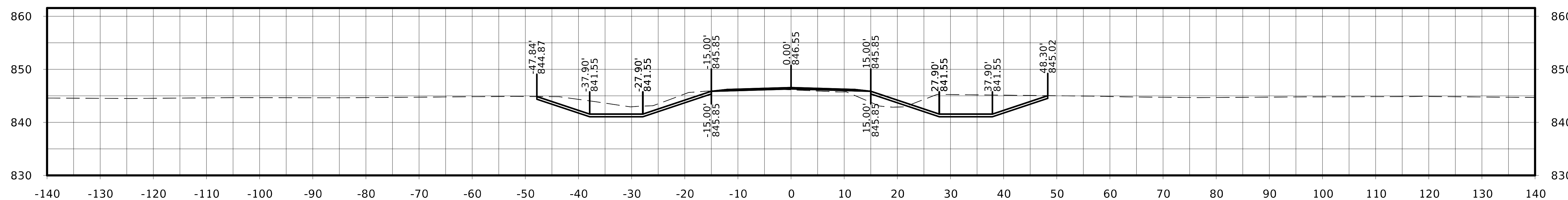


STA. 2038+00.00

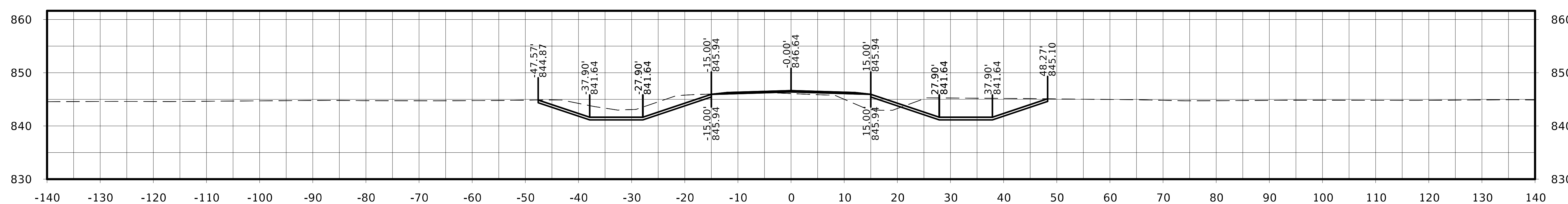
Jewell Ave.



STA. 2039+25.00



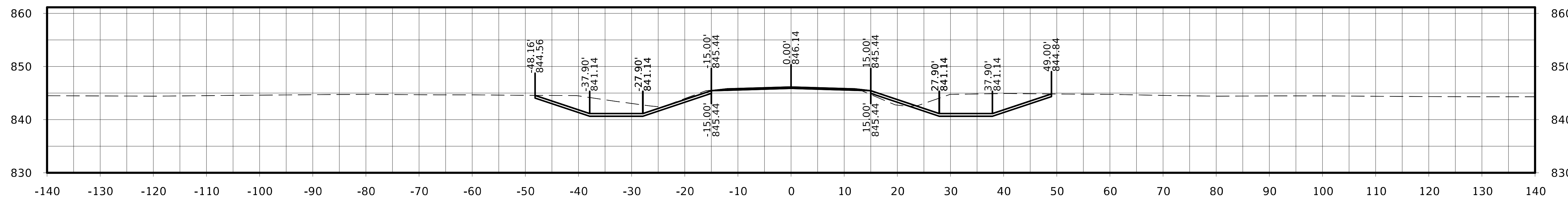
STA. 2039+00.00



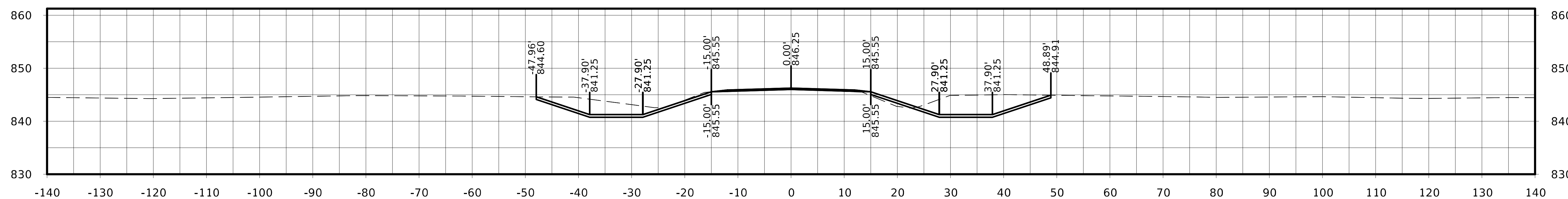
STA. 2038+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.434

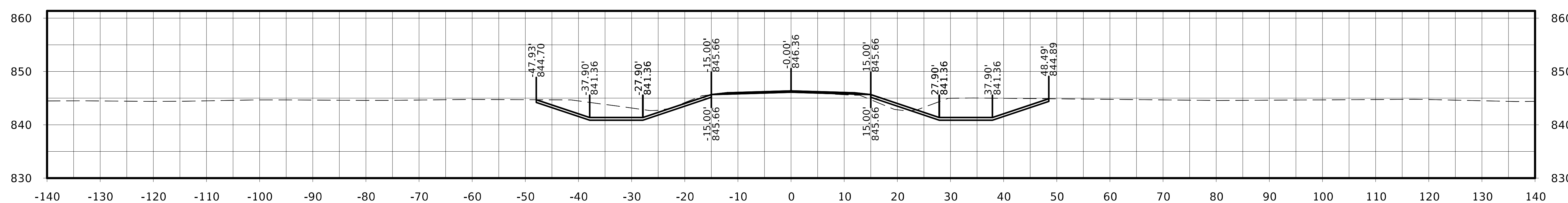
Jewell Ave.



STA. 2040+00.00



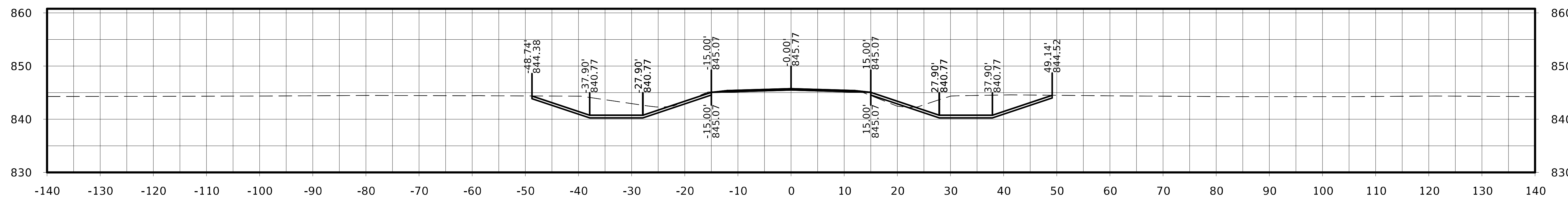
STA. 2039+75.00



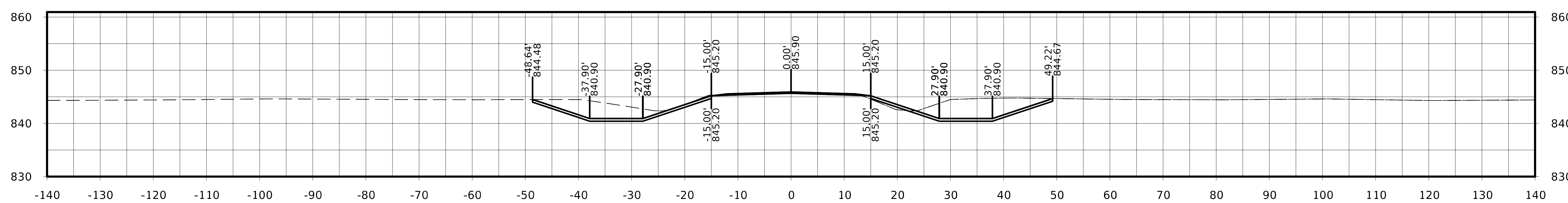
STA. 2039+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.435

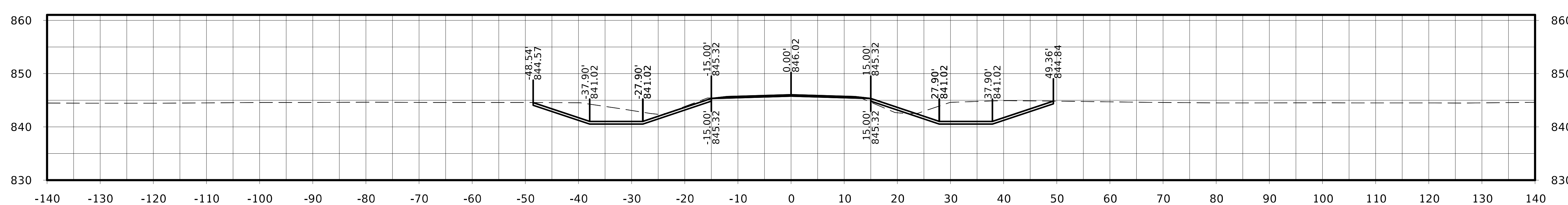
Jewell Ave.



STA. 2040+75.00



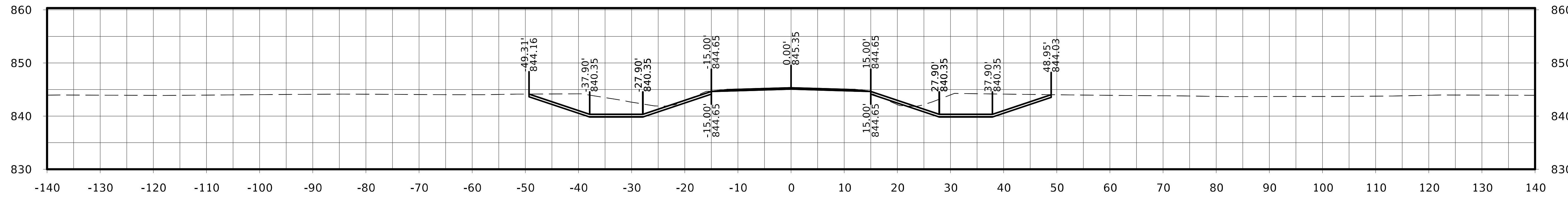
STA. 2040+50.00



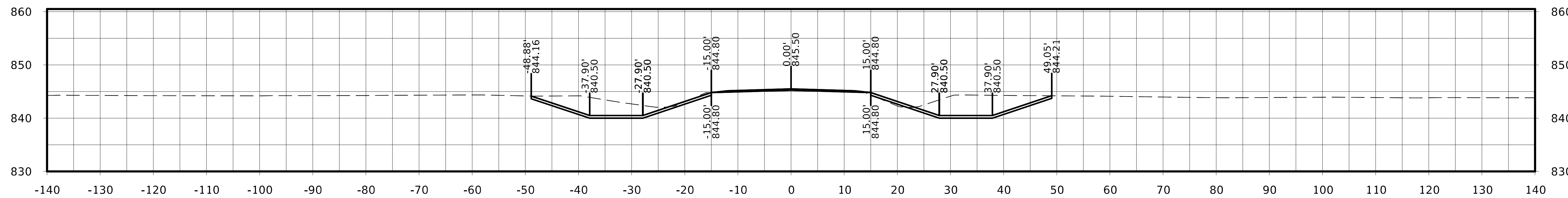
STA. 2040+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA	COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER	W.436

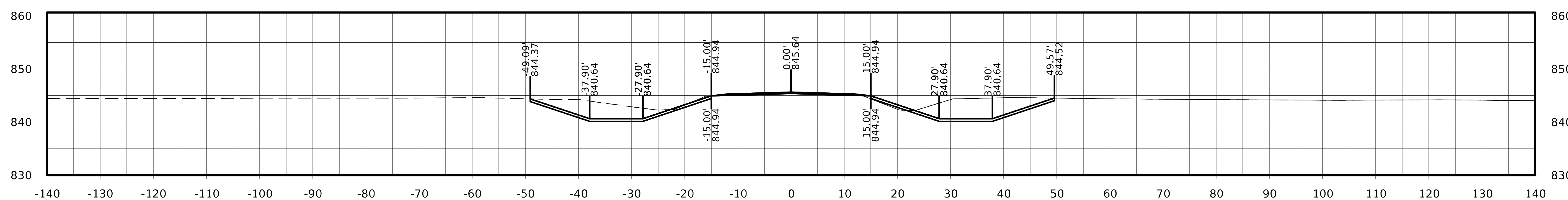
Jewell Ave.



STA. 2041+50.00

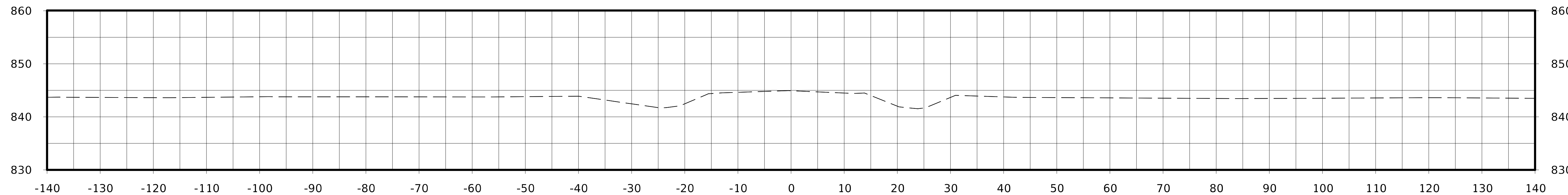


STA. 2041+25.00

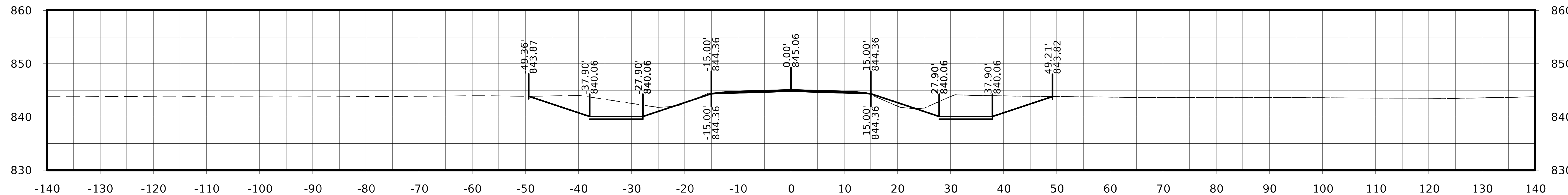


STA. 2041+00.00

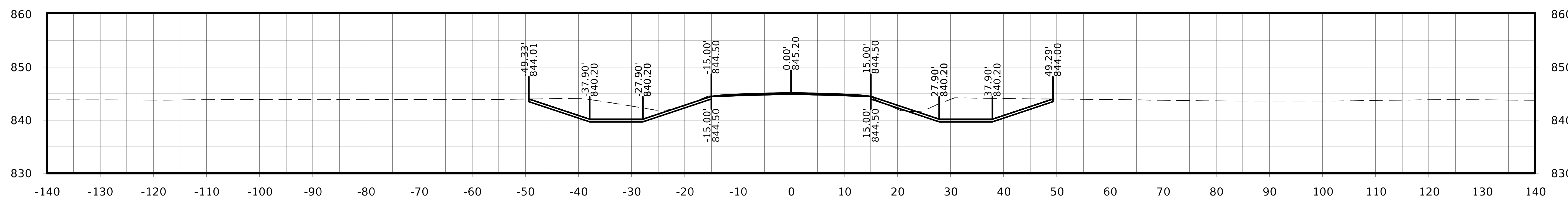
Jewell Ave.



STA. 2042+25.00



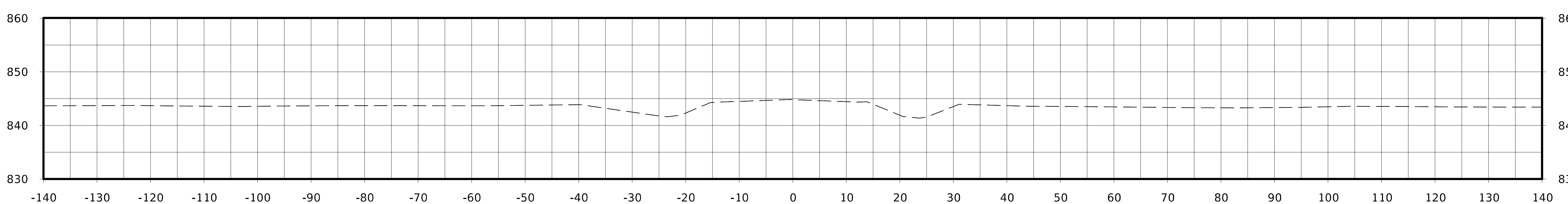
STA. 2042+00.00



STA. 2041+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.438

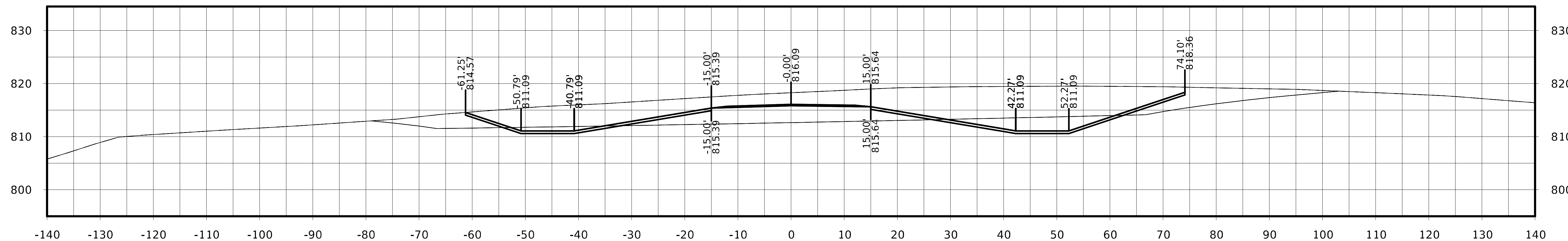
Jewell Ave.



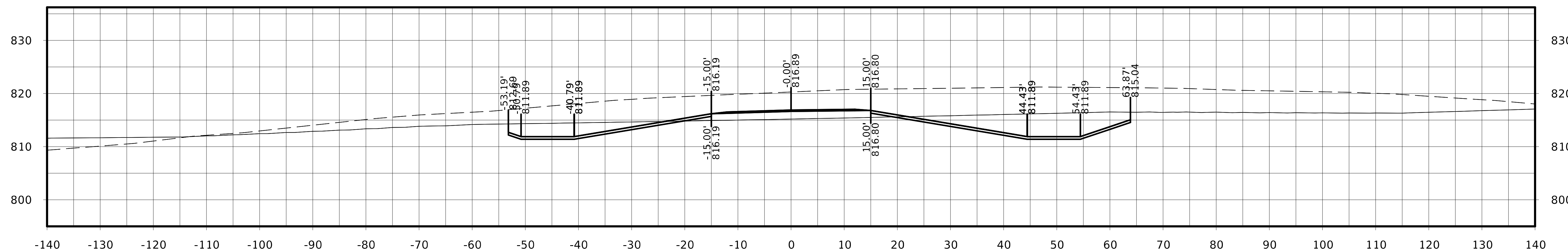
STA. 2042+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.439

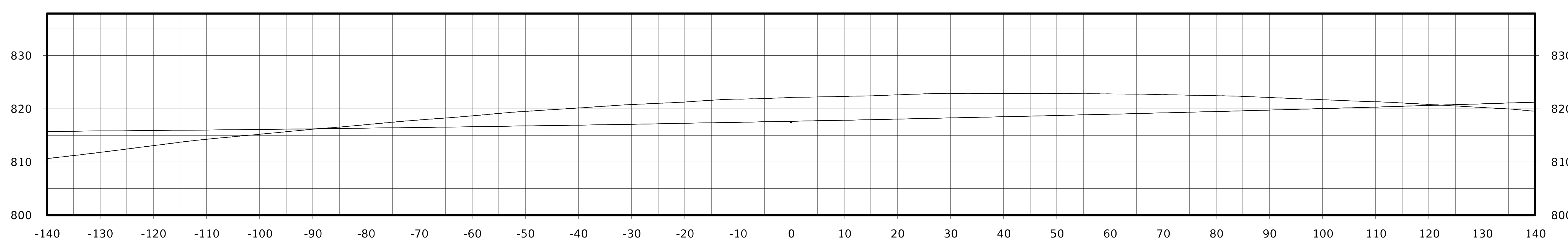
235th St.



STA. 3000+50.00



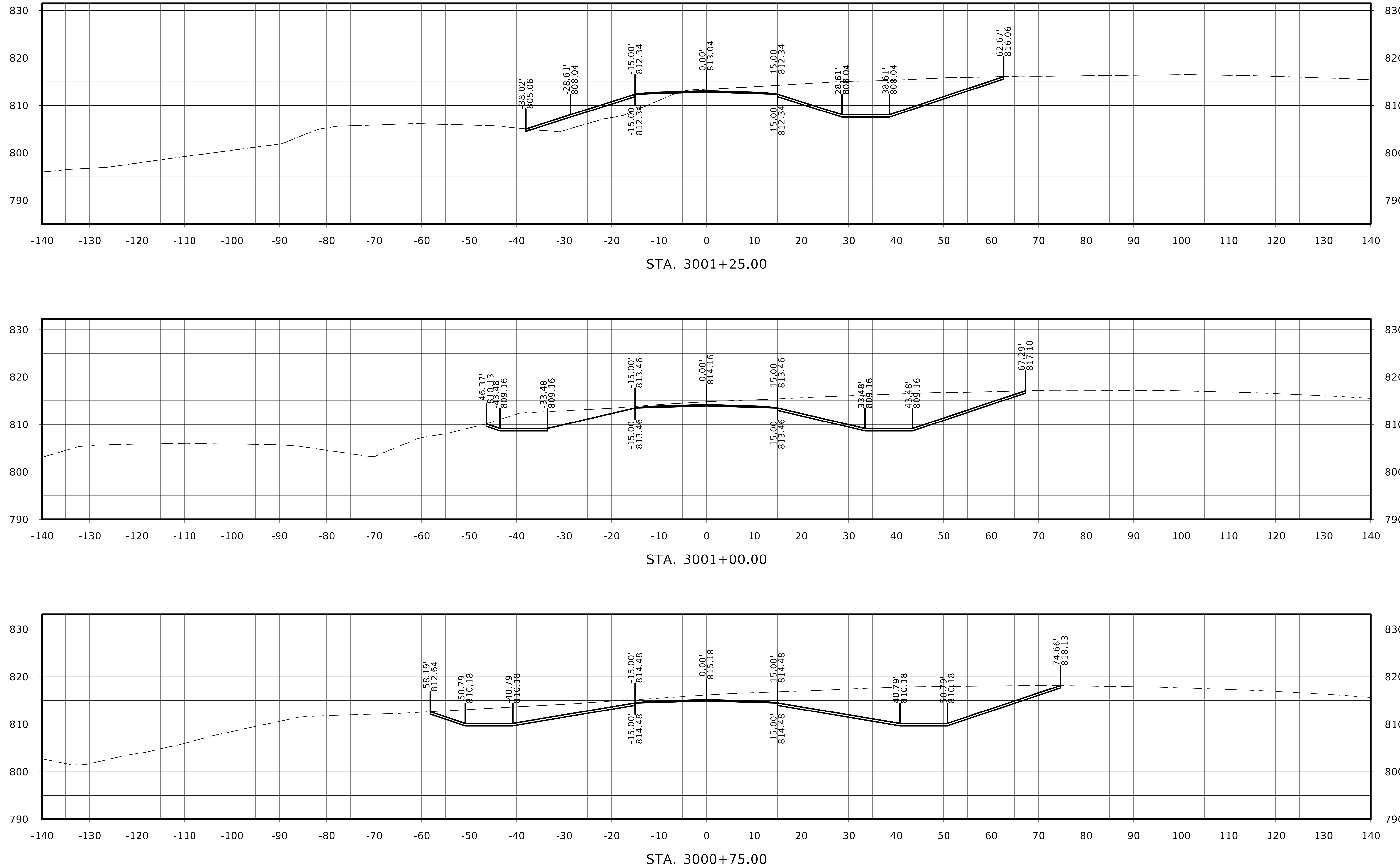
STA. 3000+25.00



STA. 3000+00.00

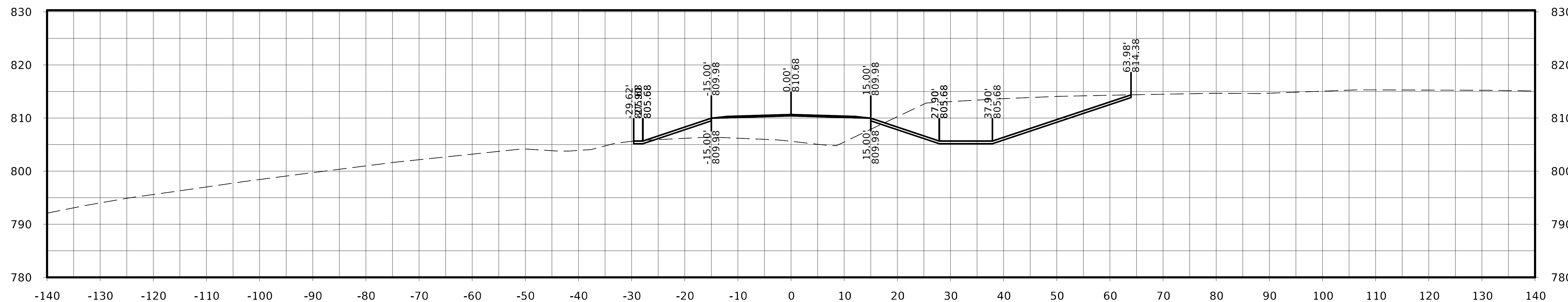
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.440

235th St.

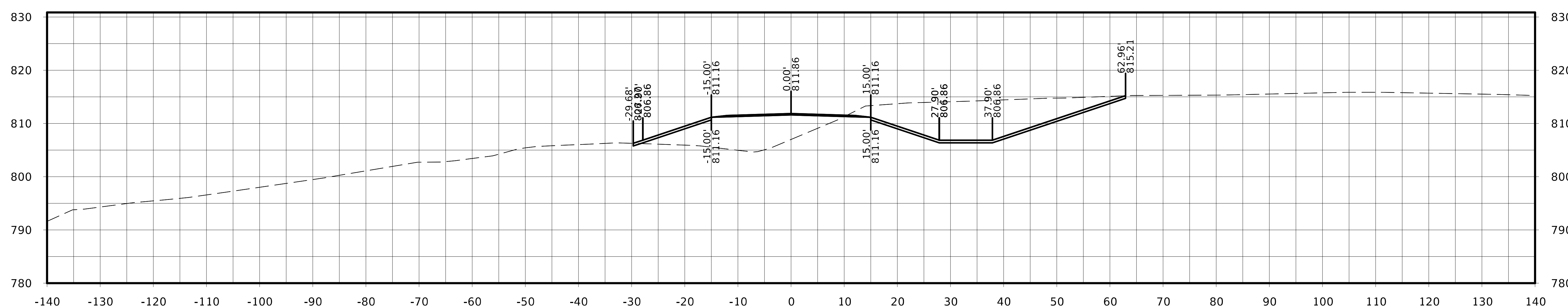


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.441

235th St.



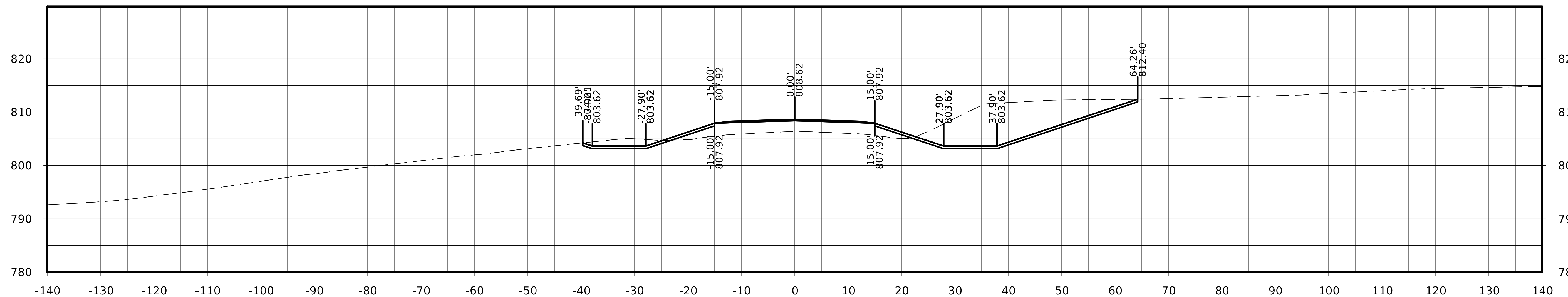
STA. 3001+75.00



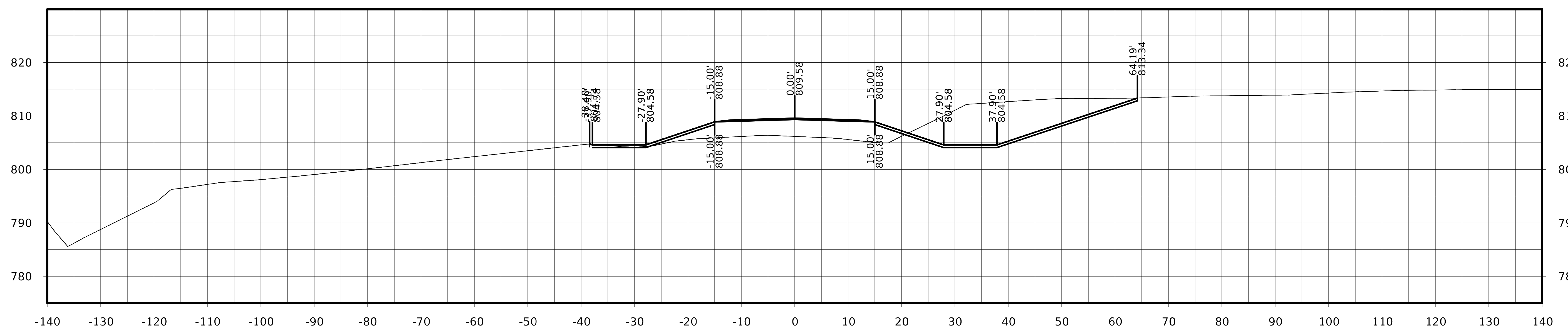
STA. 3001+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.442

235th St.



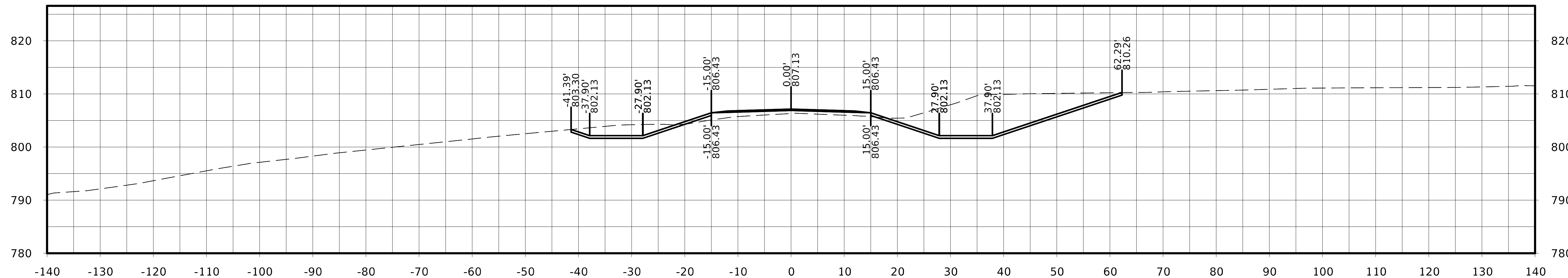
STA. 3002+25.00



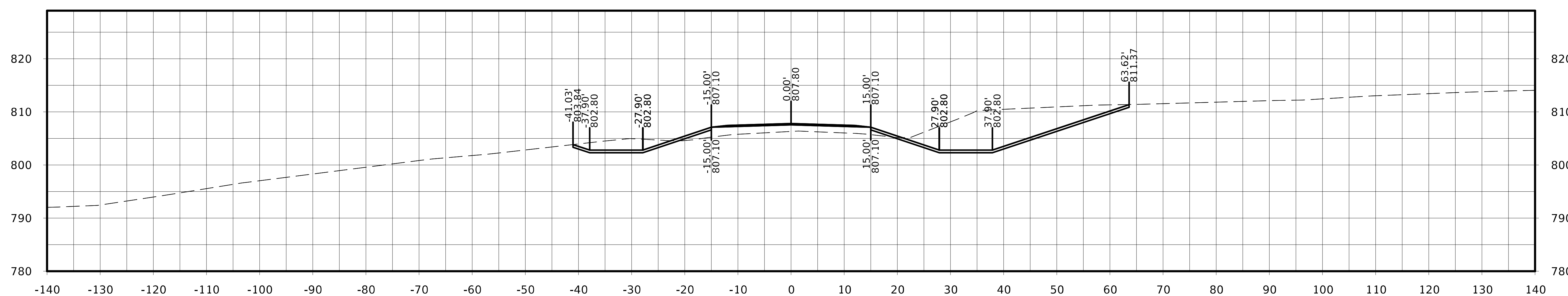
STA. 3002+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.443

235th St.



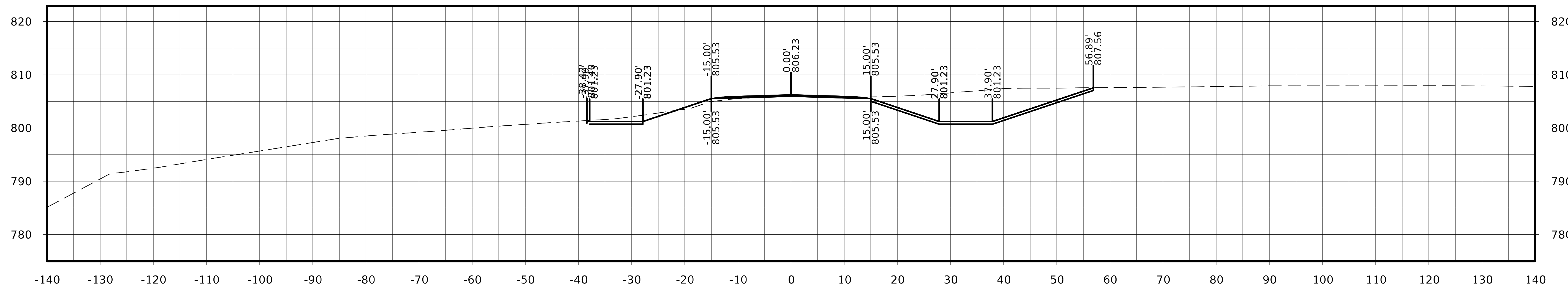
STA. 3002+75.00



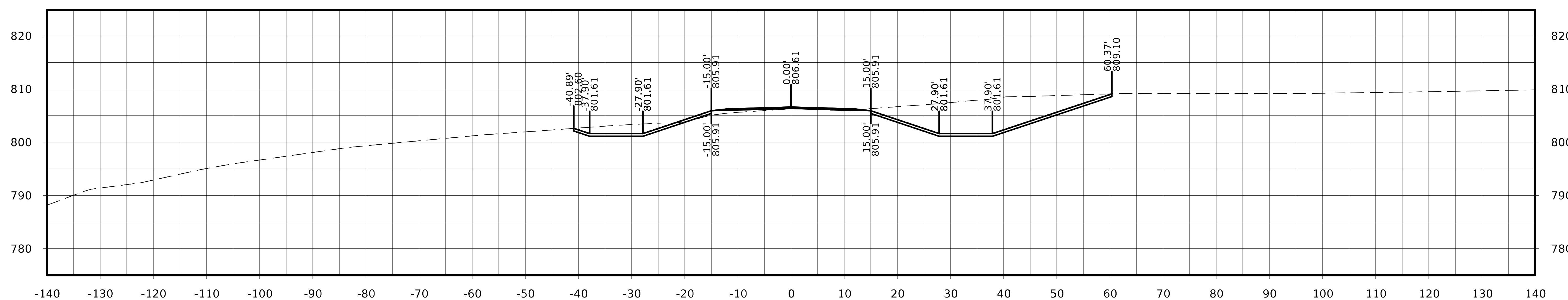
STA. 3002+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.444

235th St.



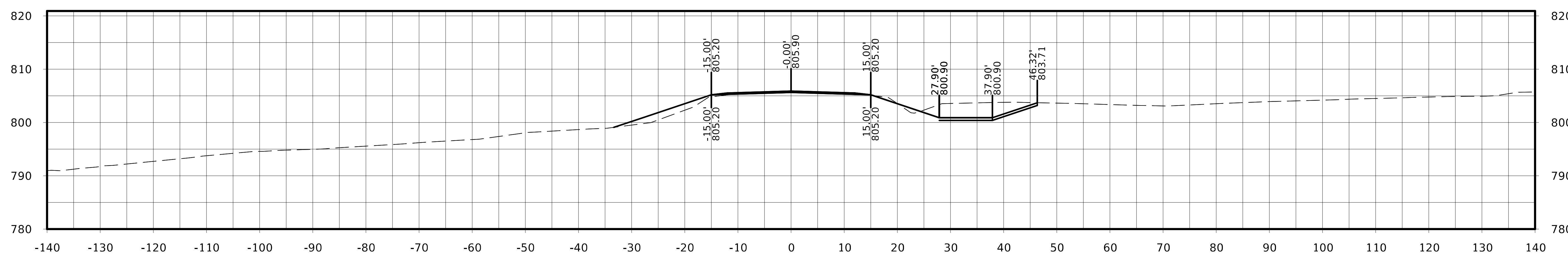
STA. 3003+25.00



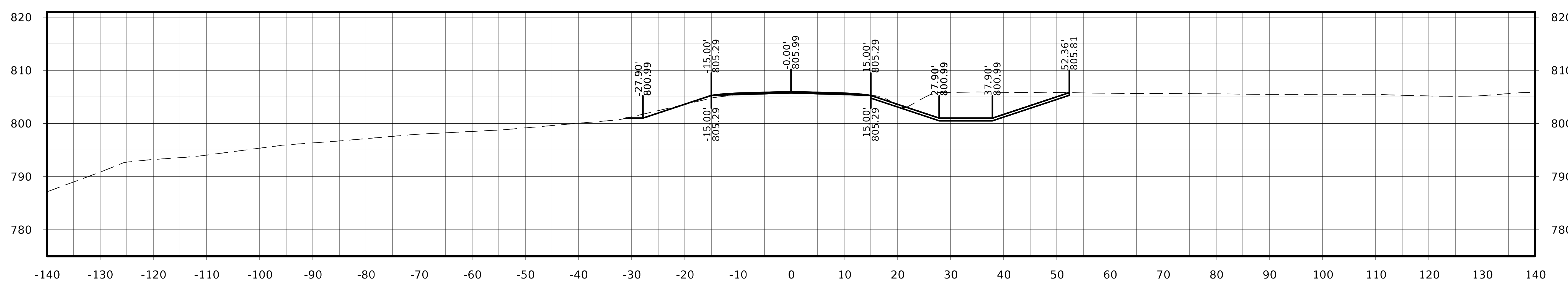
STA. 3003+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.445

235th St.



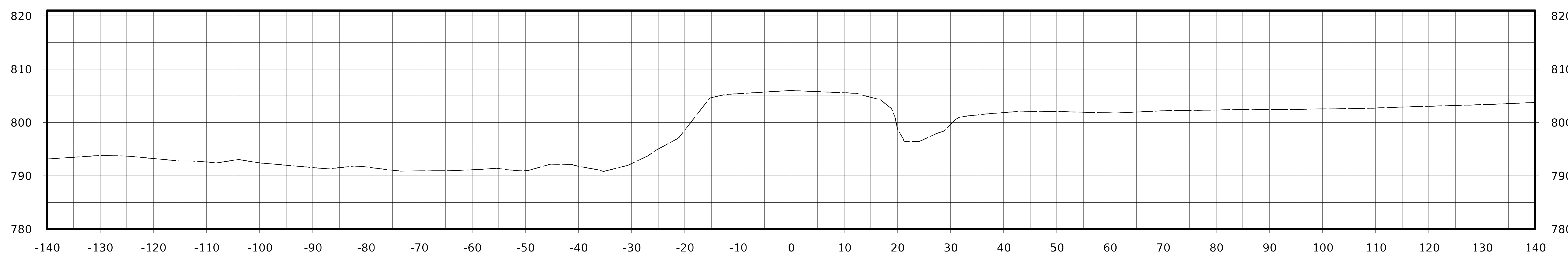
STA. 3003+75.00



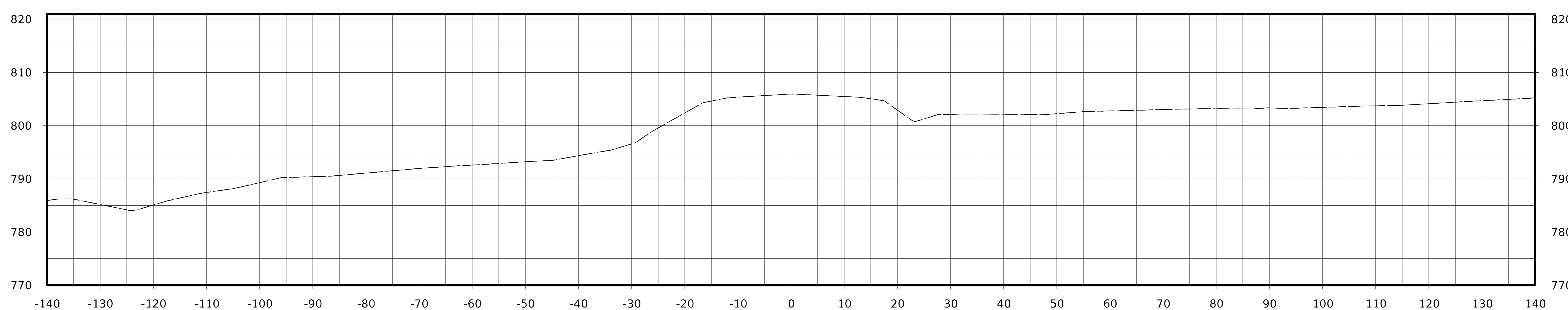
STA. 3003+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.446

235th St.

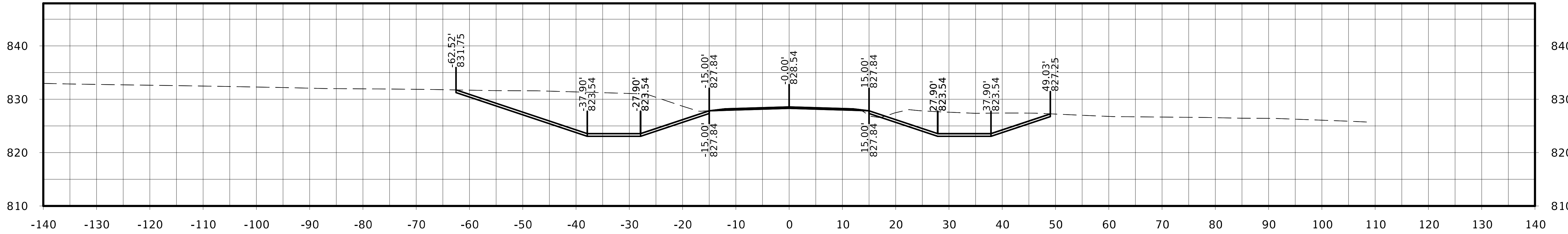


STA. 3004+25.00

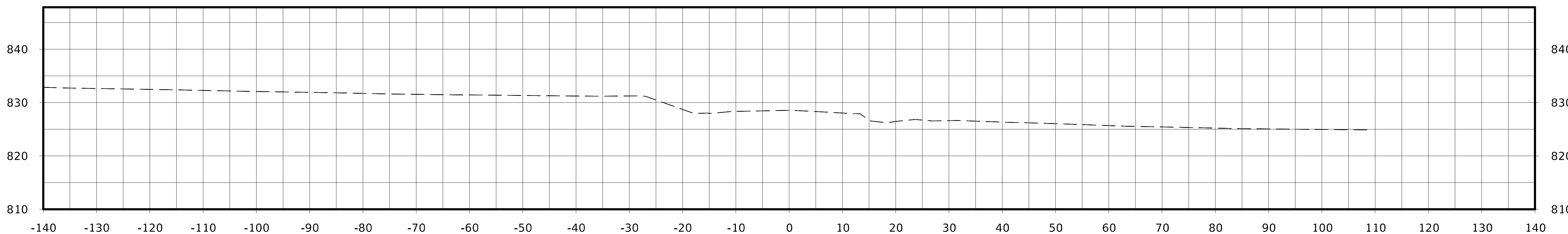


STA. 3004+00.00

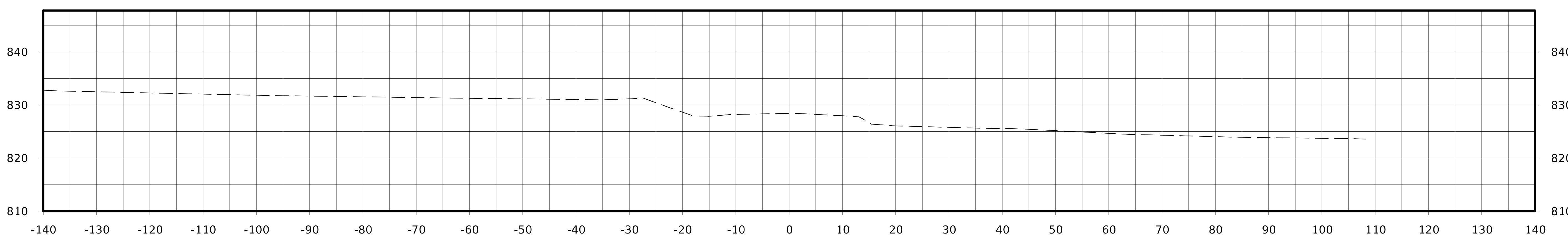
Independence Ave.



STA. 4004+00.00



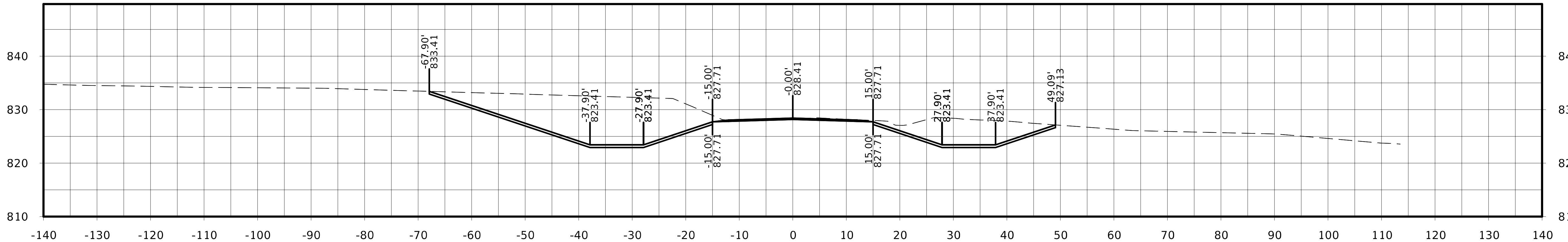
STA. 4003+75.00



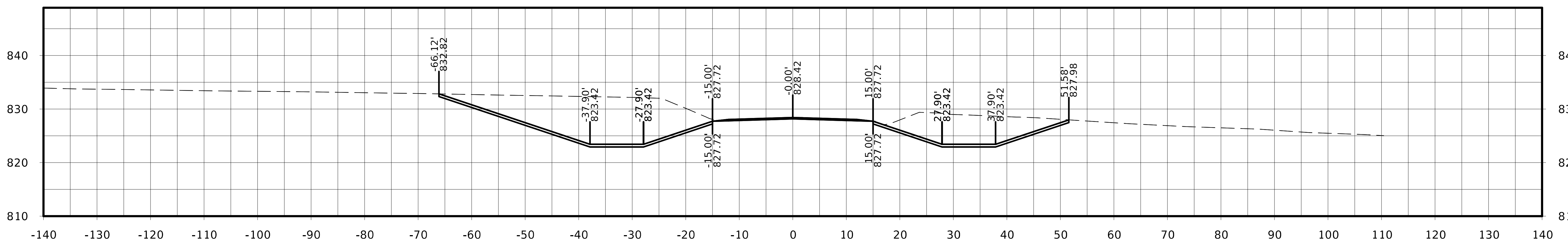
STA. 4003+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.448

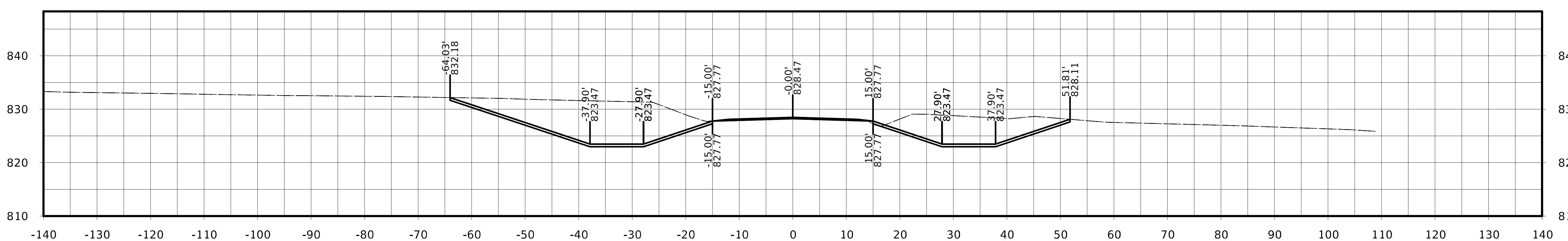
Independence Ave.



STA. 4004+75.00



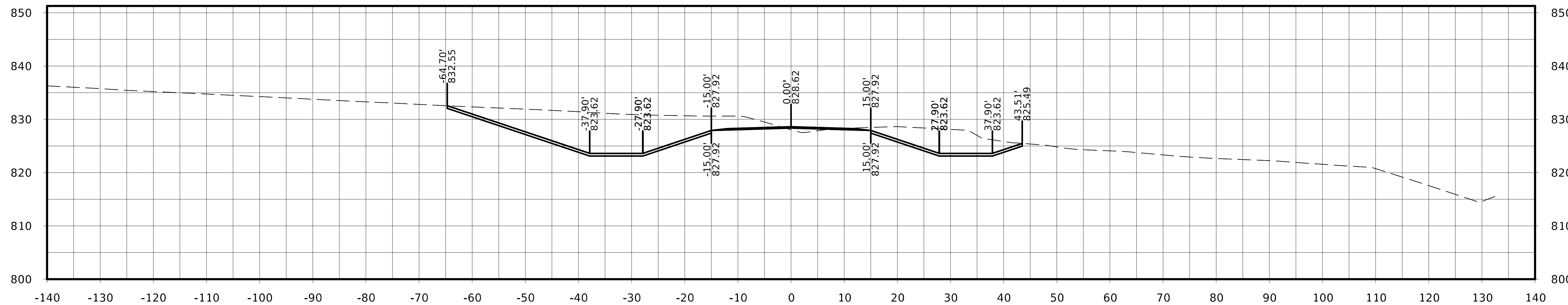
STA. 4004+50.00



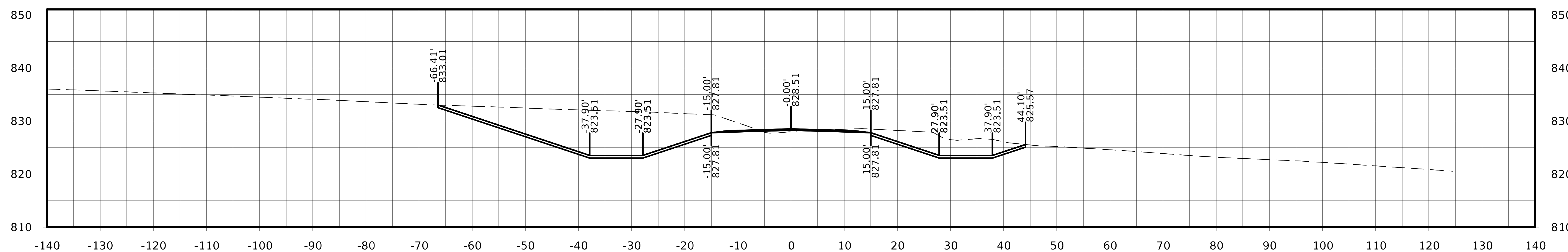
STA. 4004+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.449

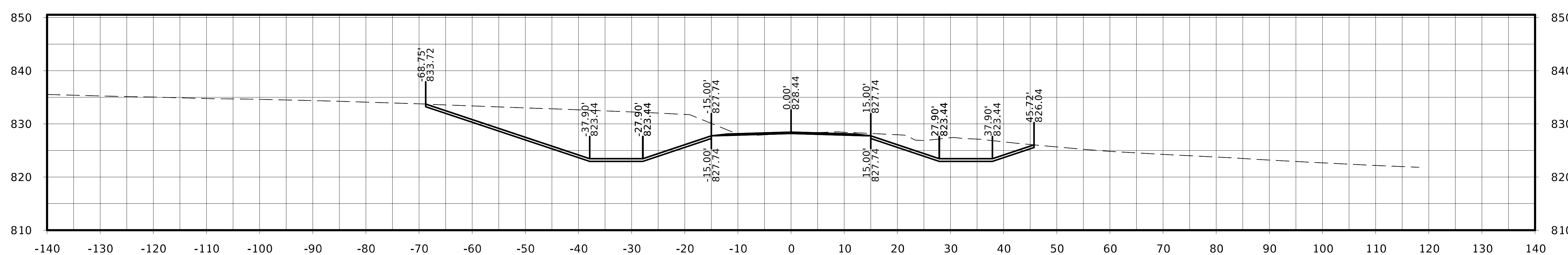
Independence Ave.



STA. 4005+50.00



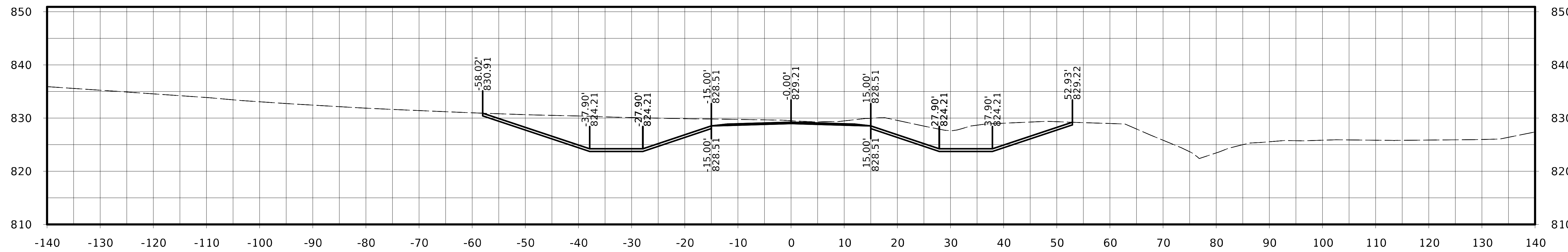
STA. 4005+25.00



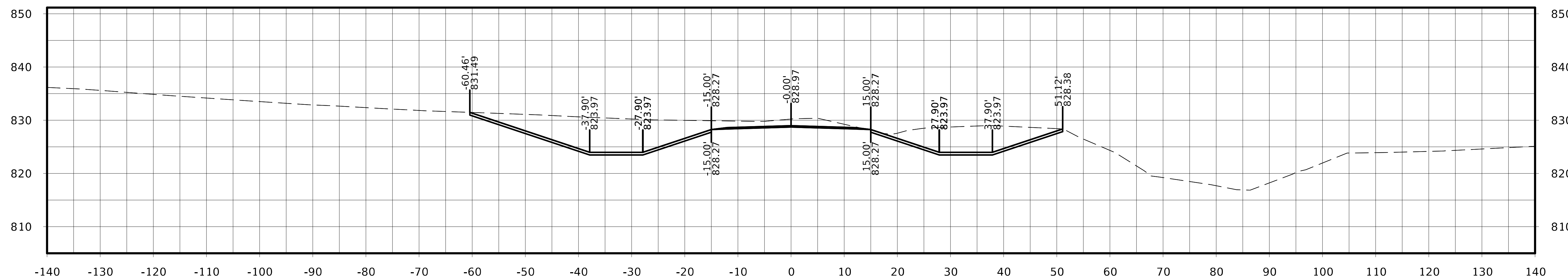
STA. 4005+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.450

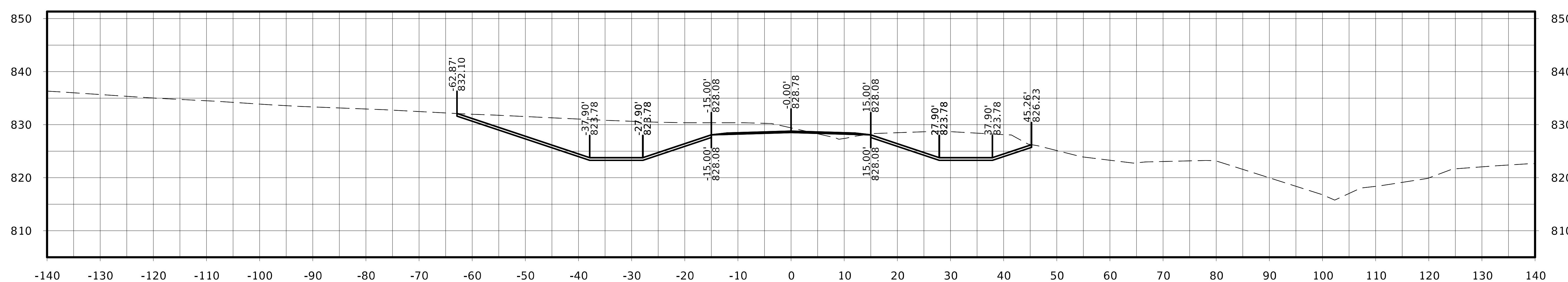
Independence Ave.



STA. 4006+25.00



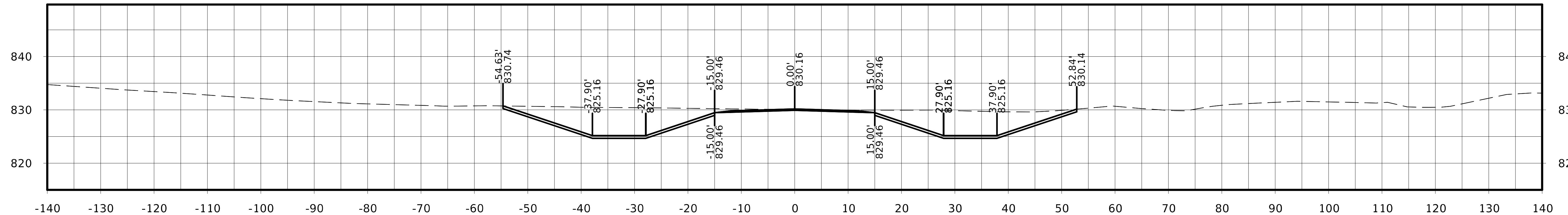
STA. 4006+00.00



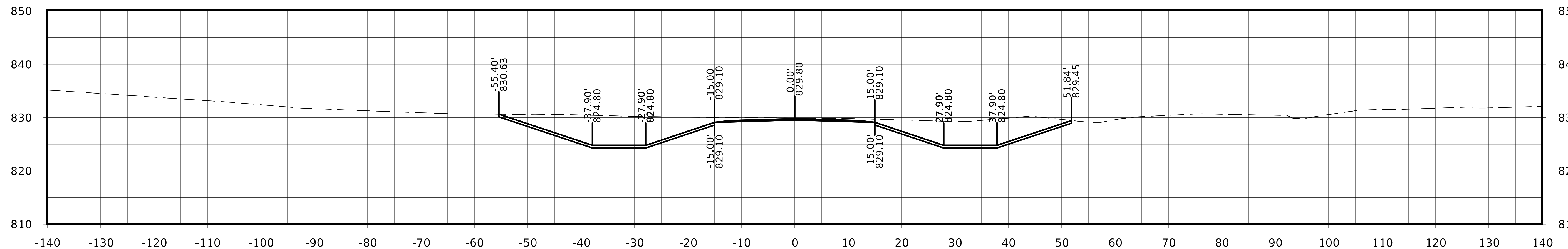
STA. 4005+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.451

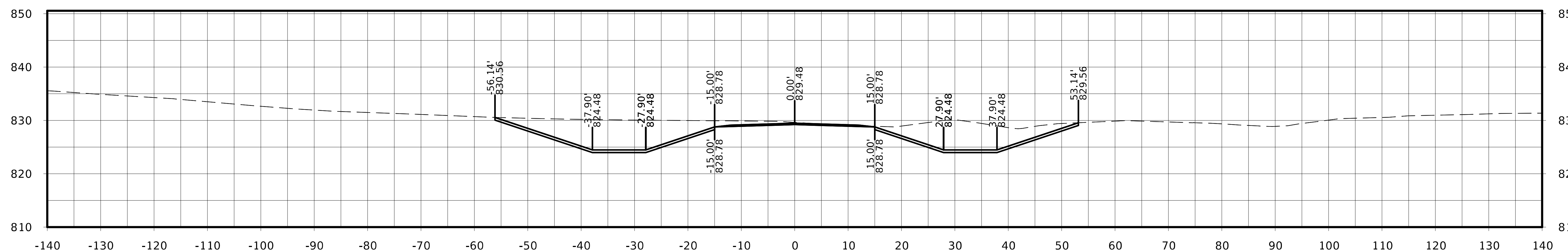
Independence Ave.



STA. 4007+00.00



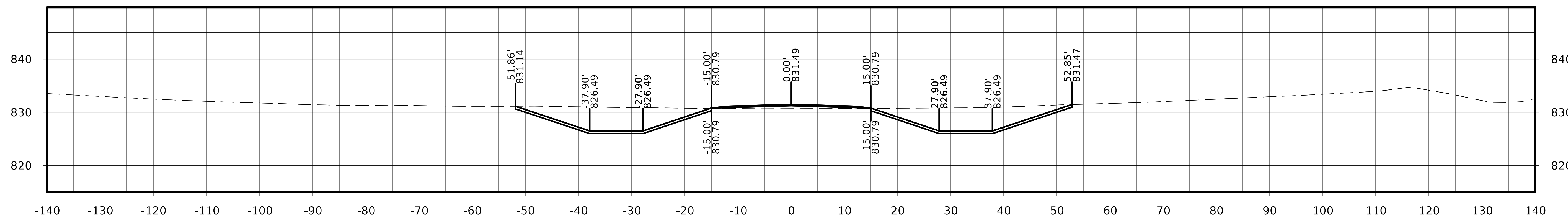
STA. 4006+75.00



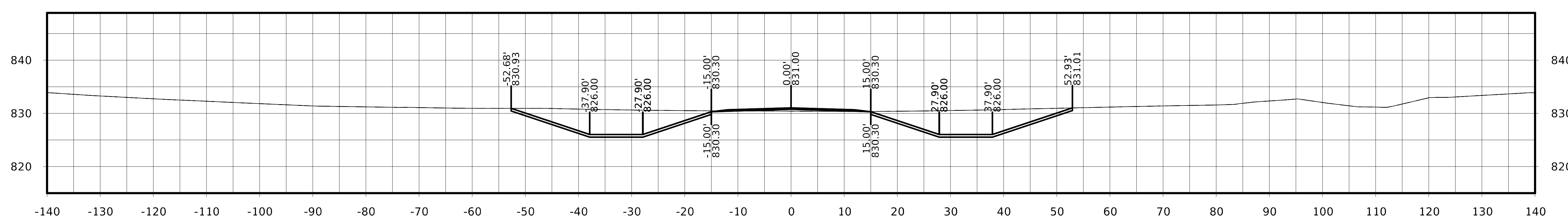
STA. 4006+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.452

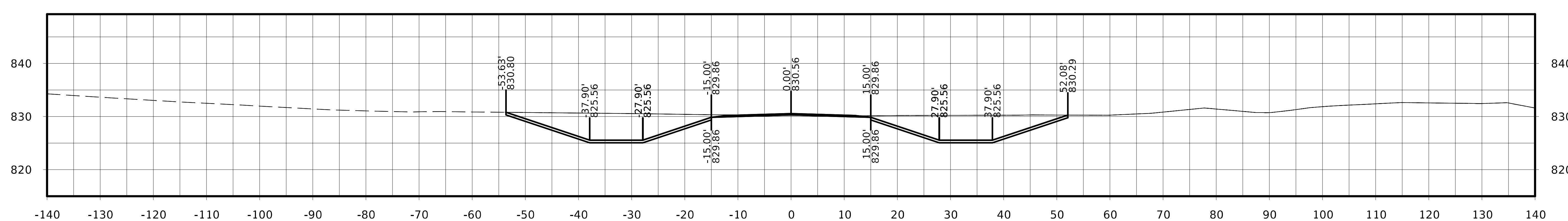
Independence Ave.



STA. 4007+75.00



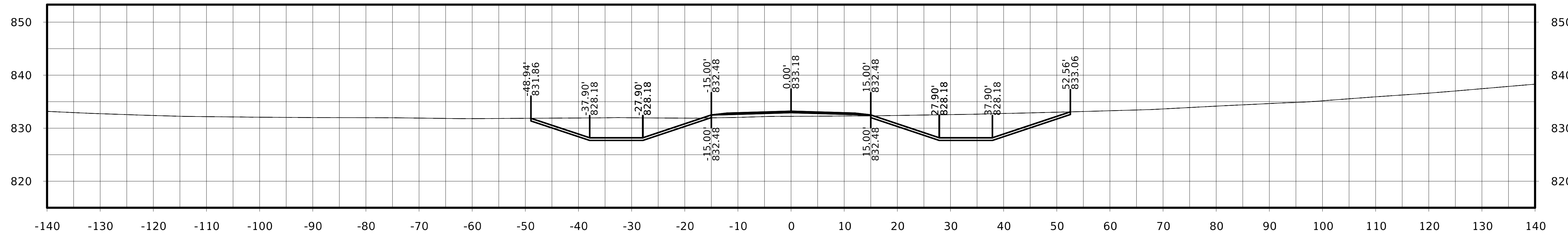
STA. 4007+50.00



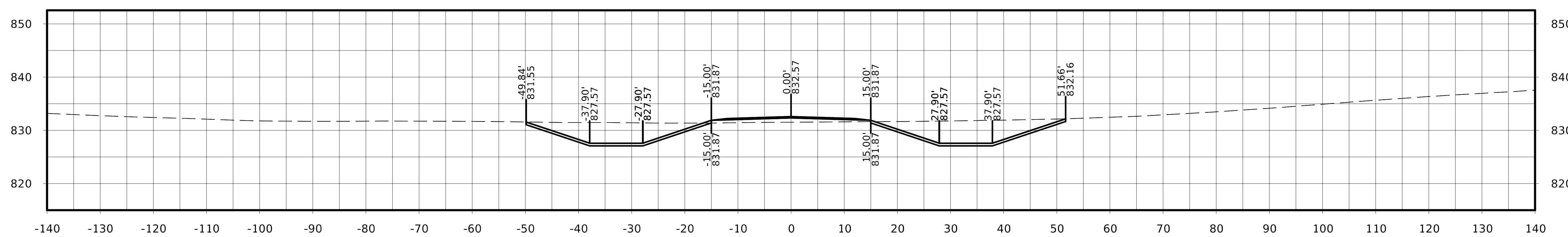
STA. 4007+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.453

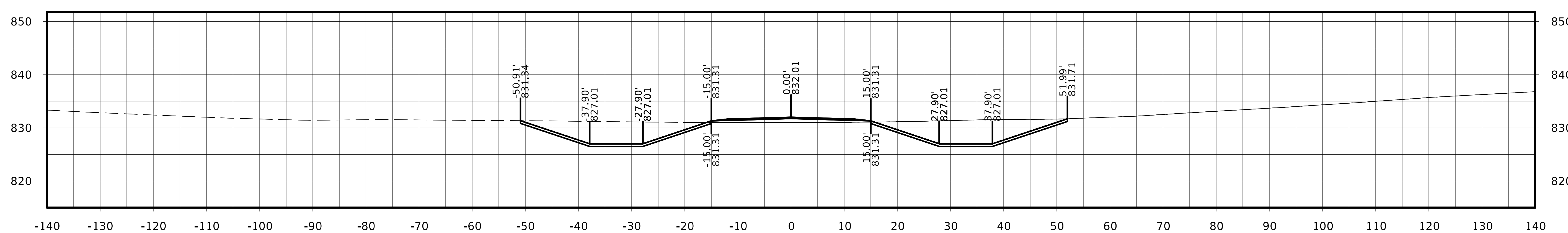
Independence Ave.



STA. 4008+50.00

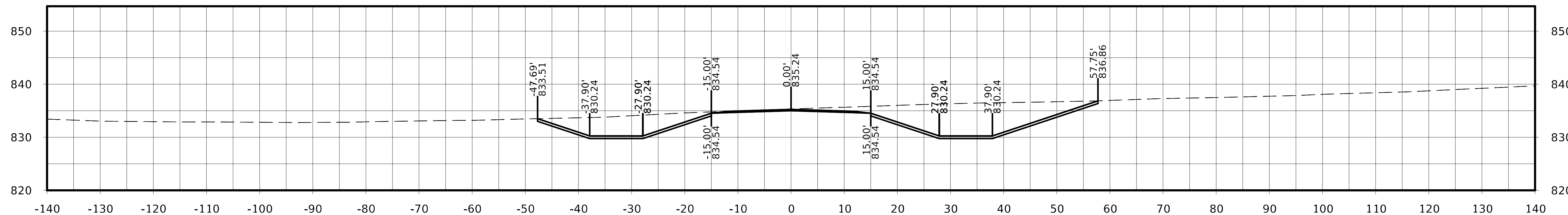


STA. 4008+25.00

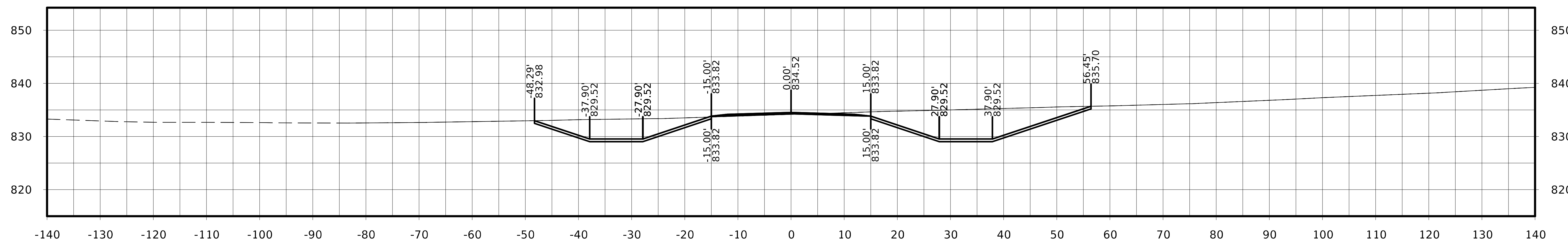


STA. 4008+00.00

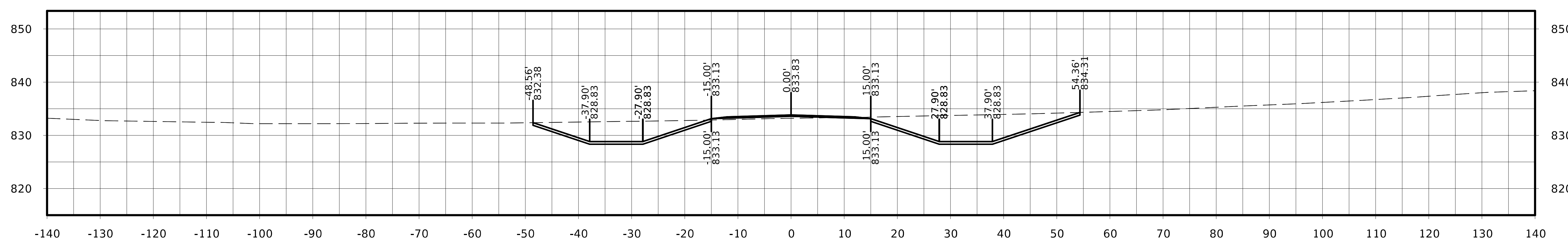
Independence Ave.



STA. 4009+25.00



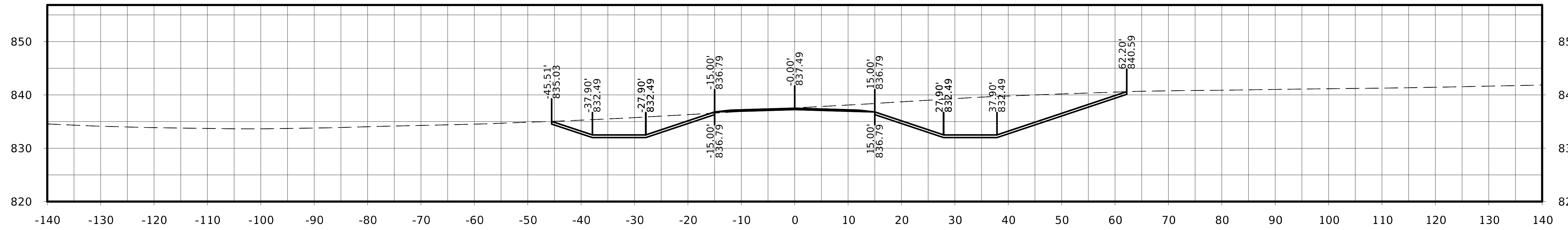
STA. 4009+00.00



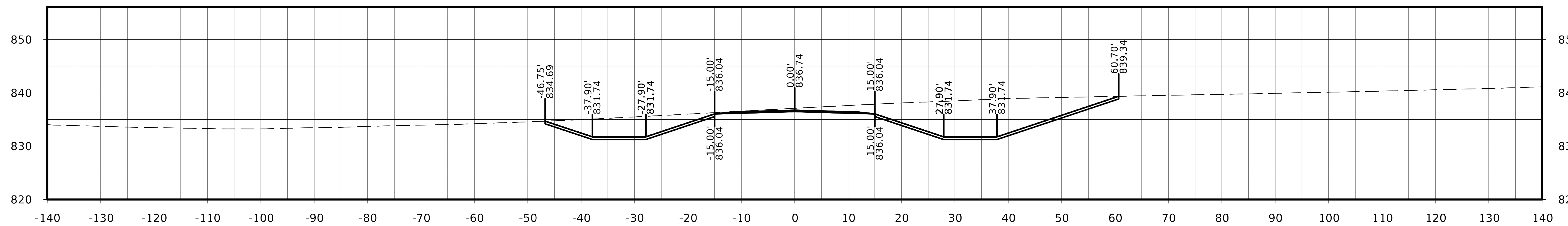
STA. 4008+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.455

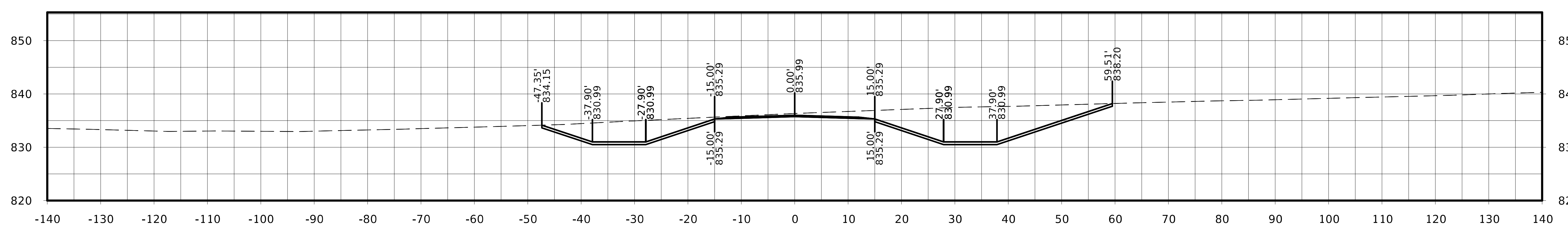
Independence Ave.



STA. 4010+00.00



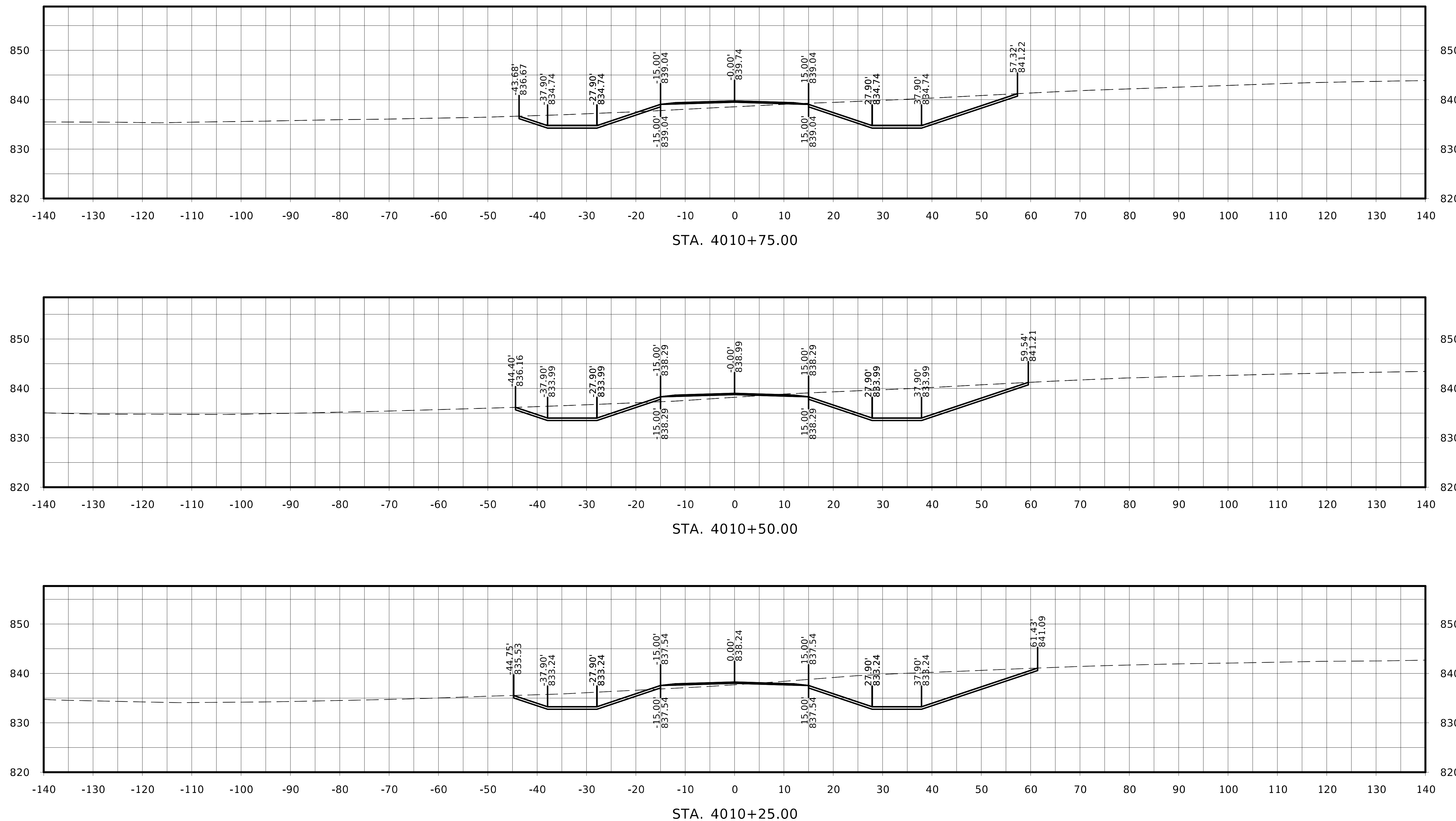
STA. 4009+75.00



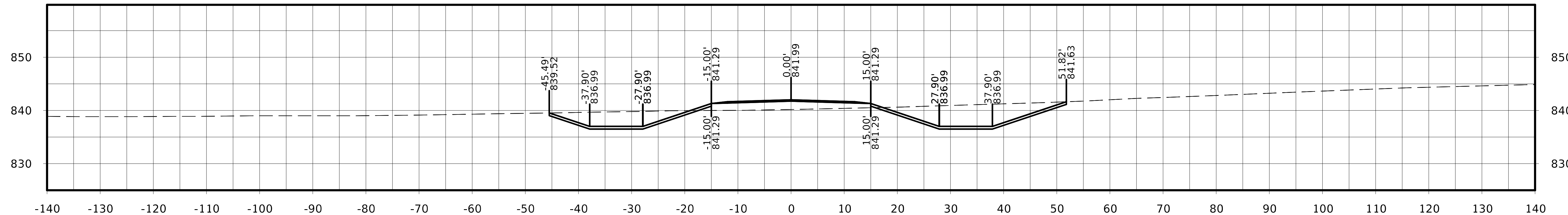
STA. 4009+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.456

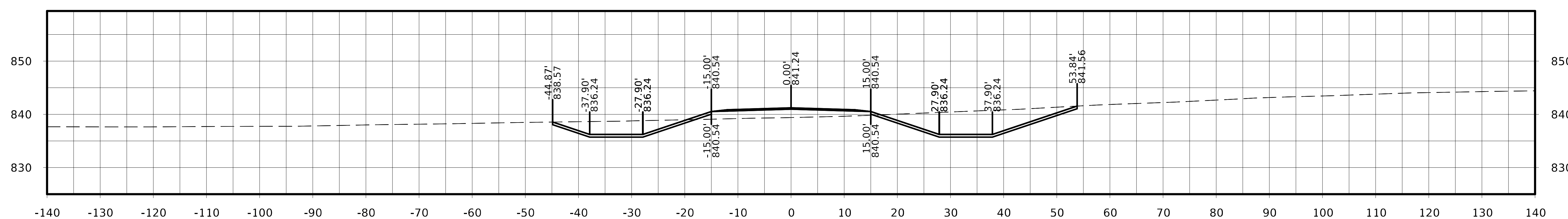
Independence Ave.



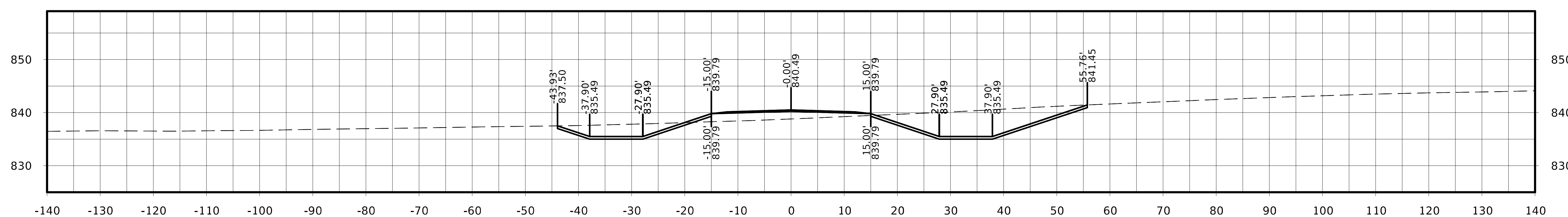
Independence Ave.



STA. 4011+50.00



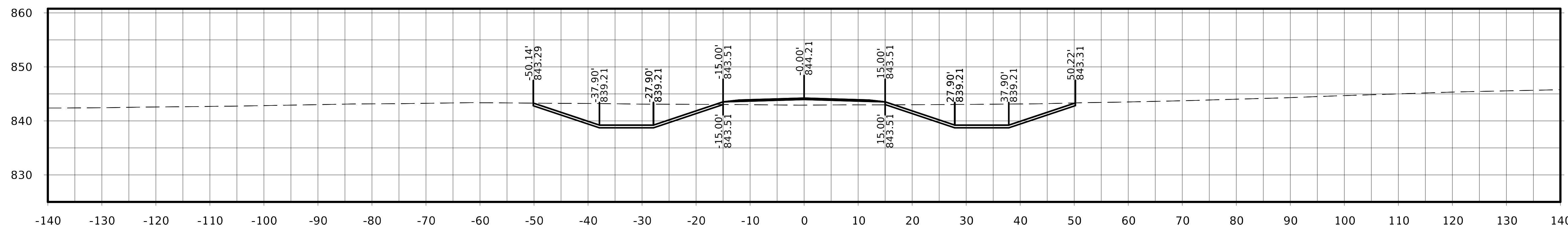
STA. 4011+25.00



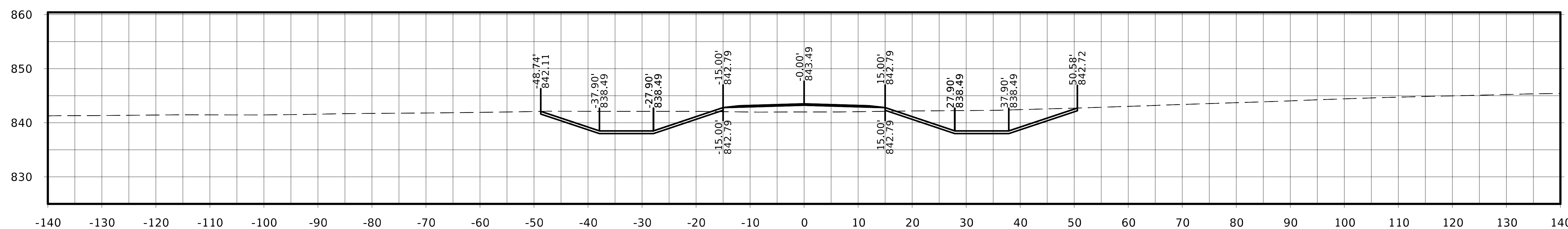
STA. 4011+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.458

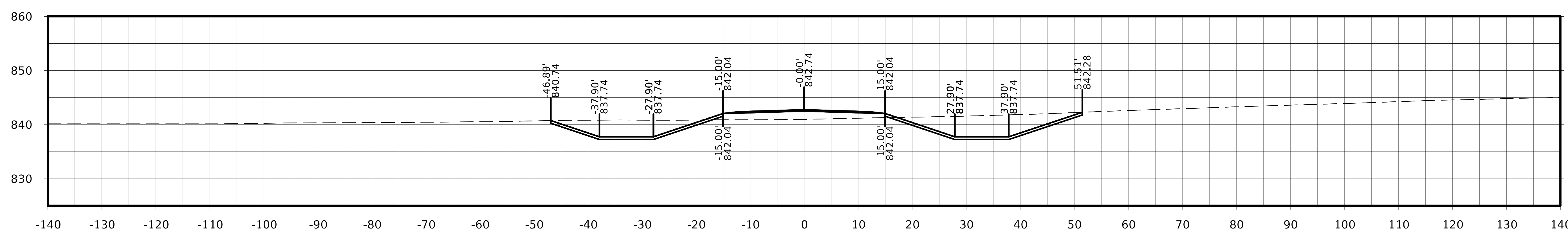
Independence Ave.



STA. 4012+25.00



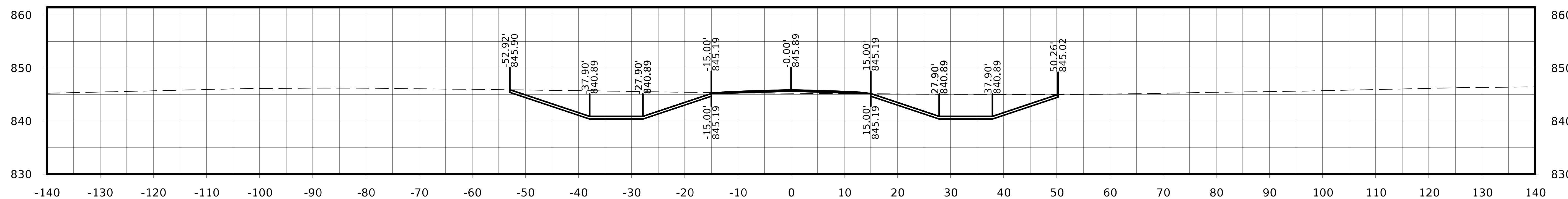
STA. 4012+00.00



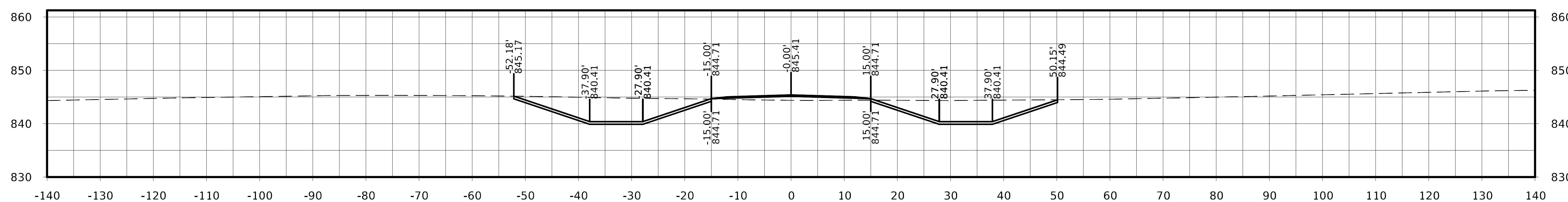
STA. 4011+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.459

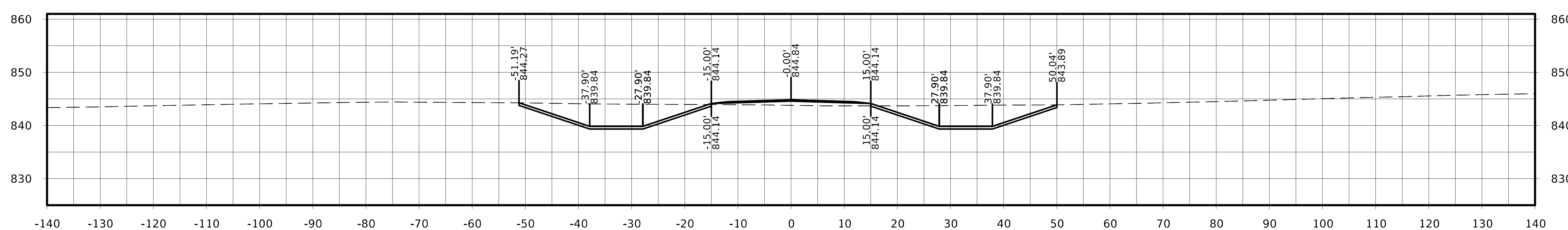
Independence Ave.



STA. 4013+00.00



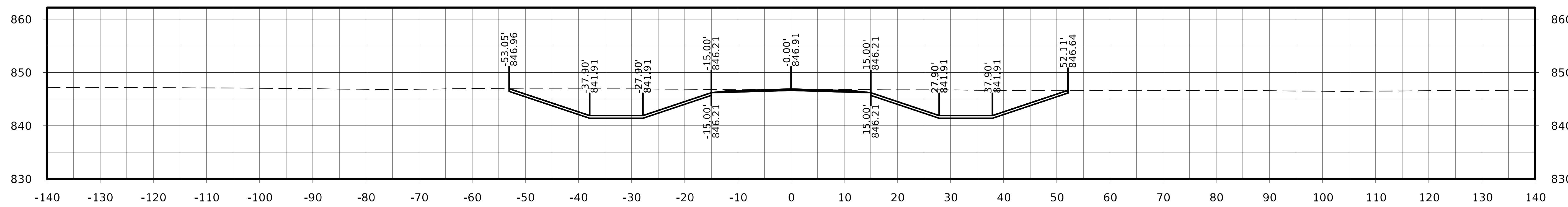
STA. 4012+75.00



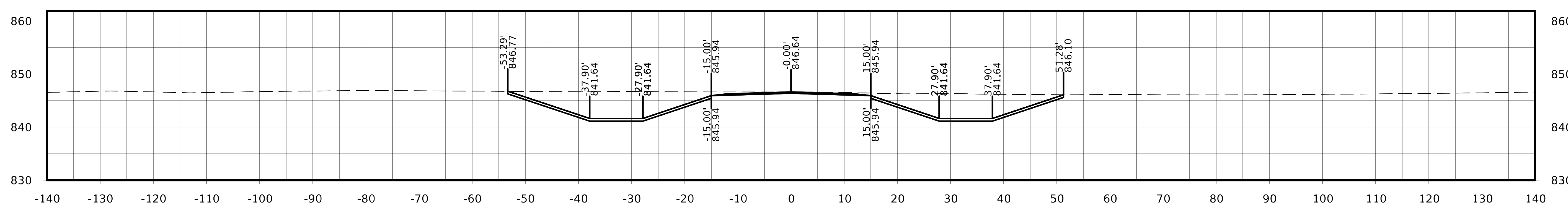
STA. 4012+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.460

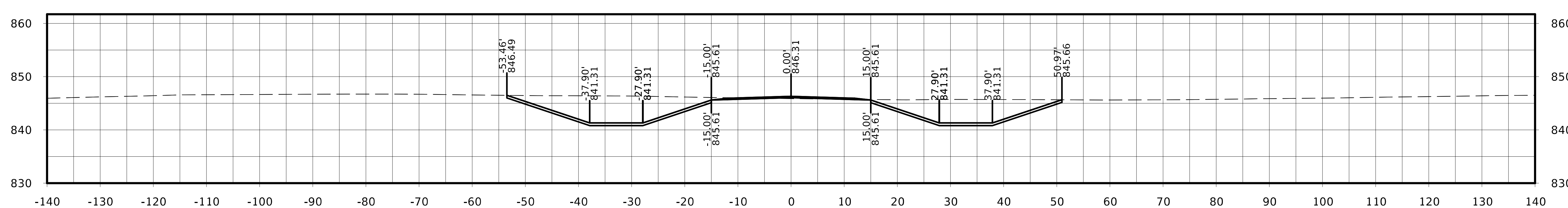
Independence Ave.



STA. 4013+75.00



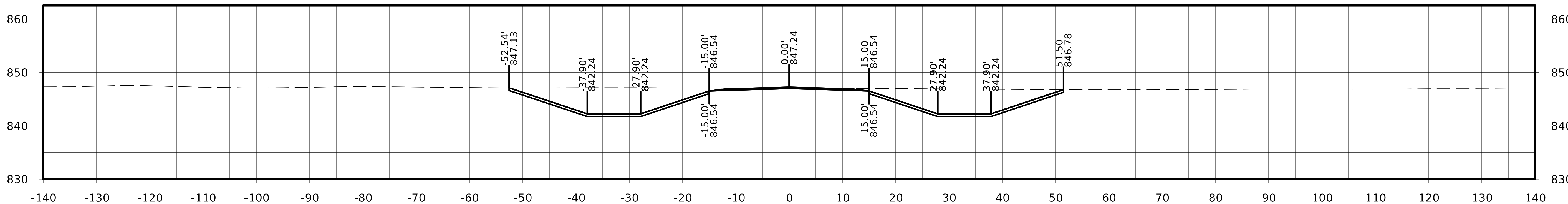
STA. 4013+50.00



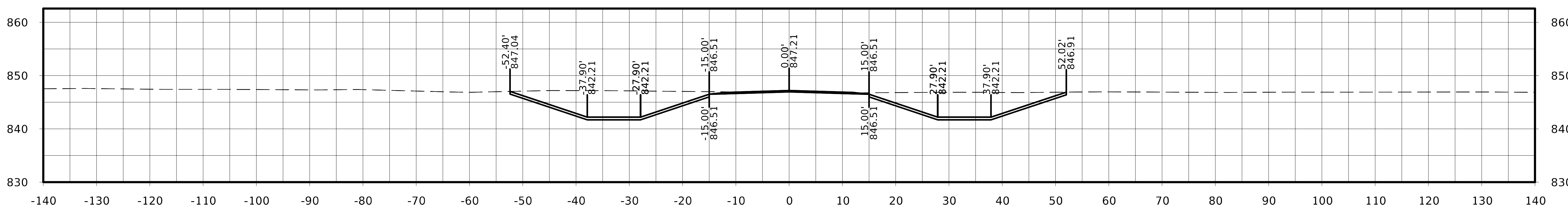
STA. 4013+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.461

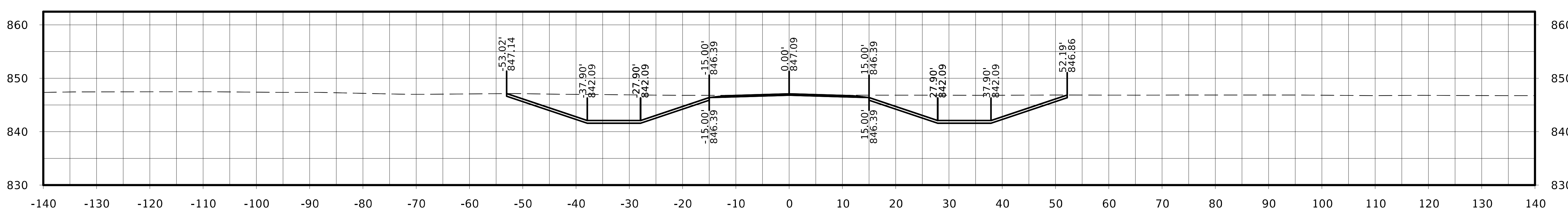
Independence Ave.



STA. 4014+50.00



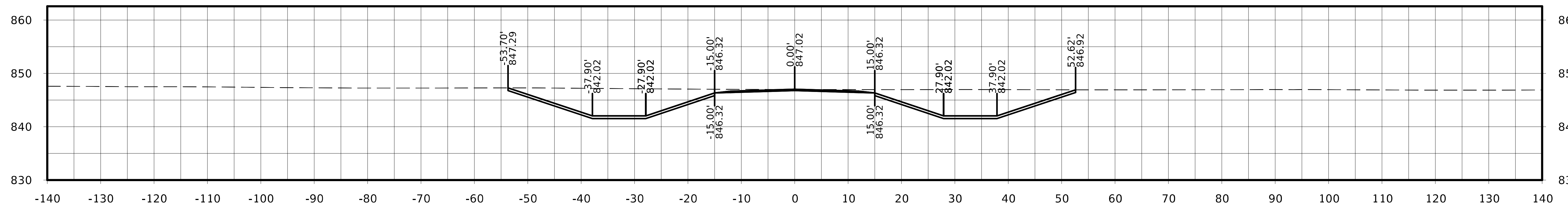
STA. 4014+25.00



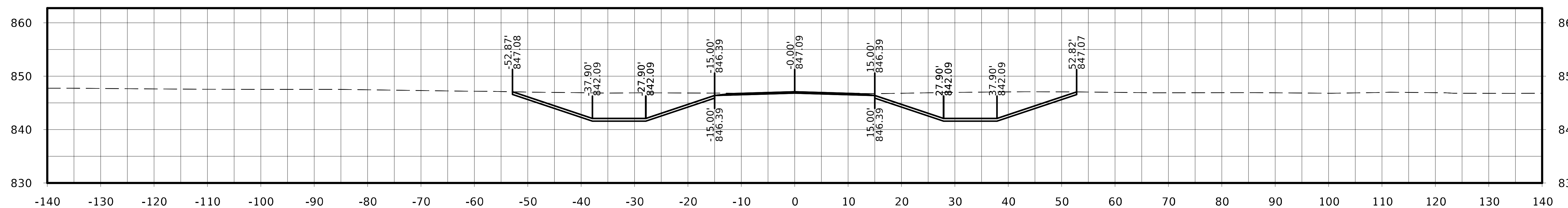
STA. 4014+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.462

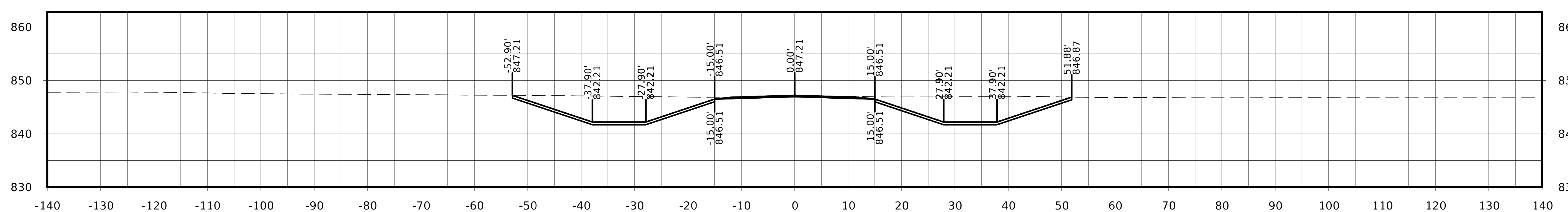
Independence Ave.



STA. 4015+25.00



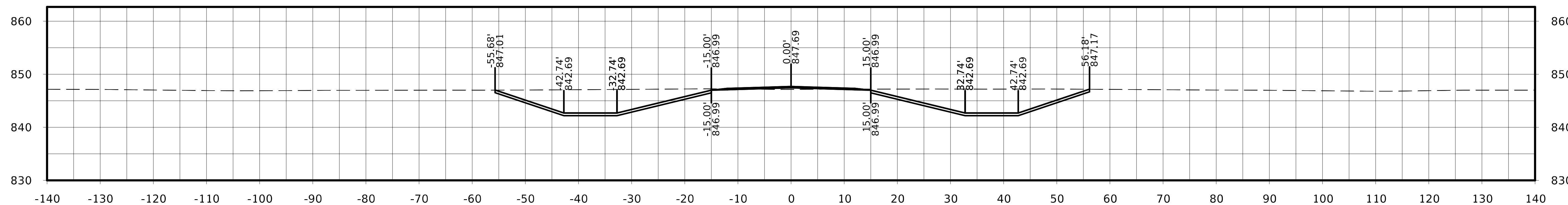
STA. 4015+00.00



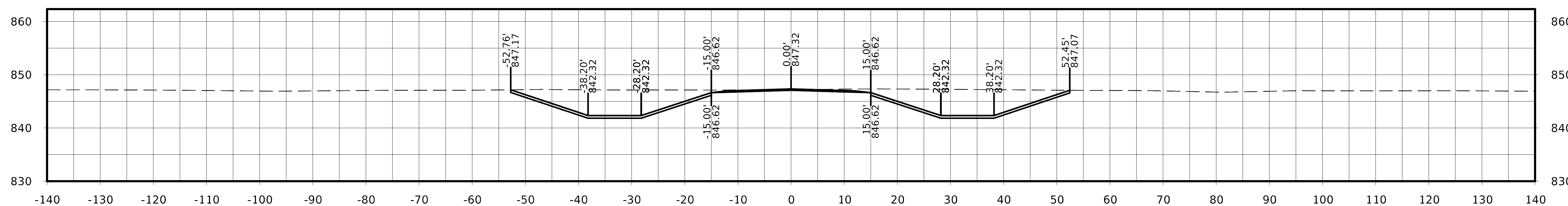
STA. 4014+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.463

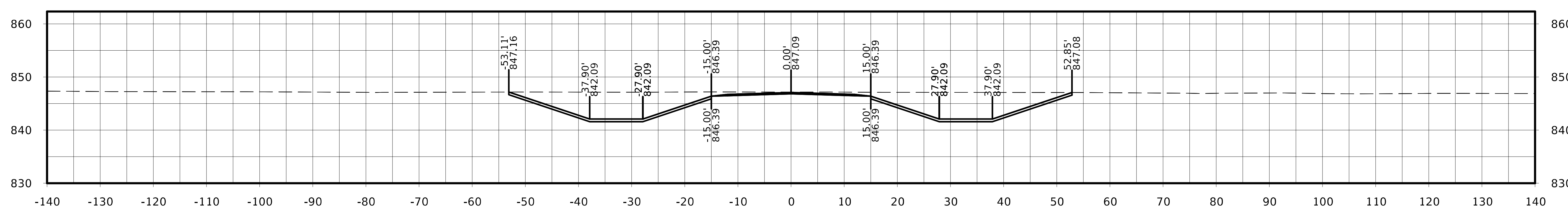
Independence Ave.



STA. 4016+00.00



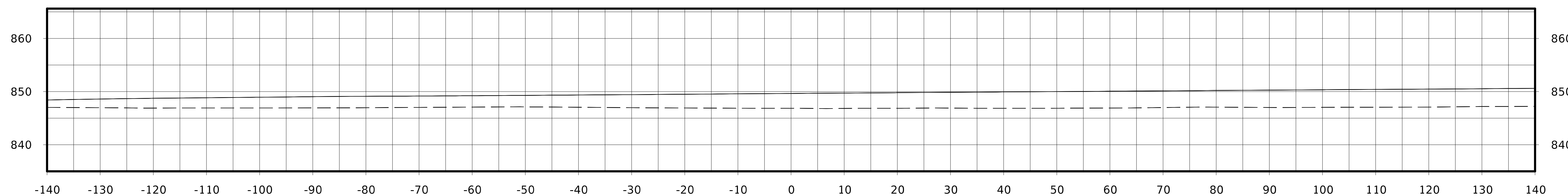
STA. 4015+75.00



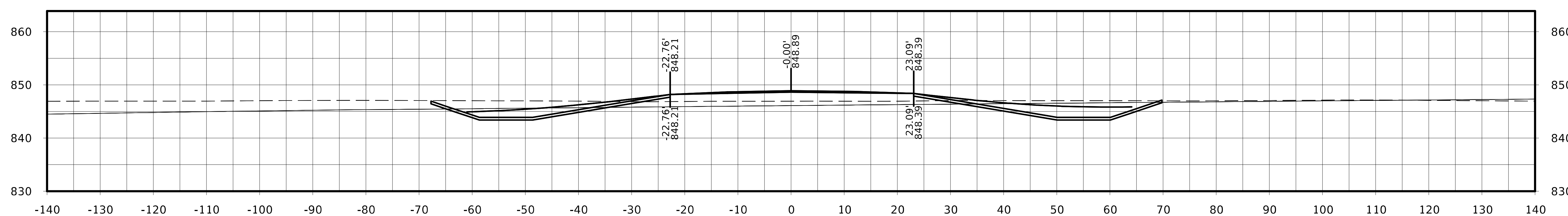
STA. 4015+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.464

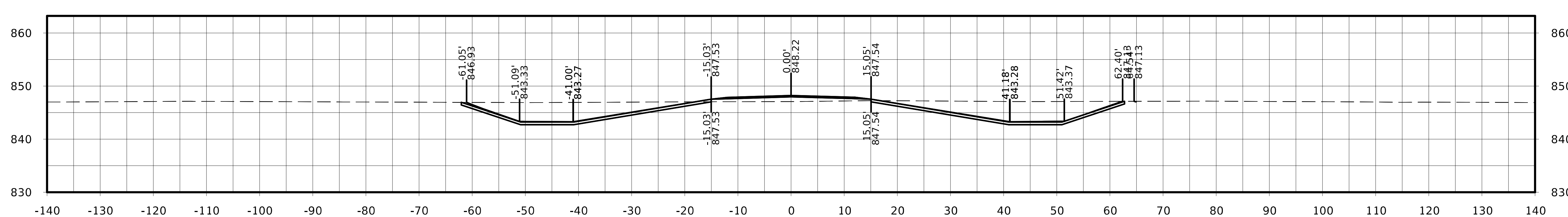
Independence Ave.



STA. 4016+75.00



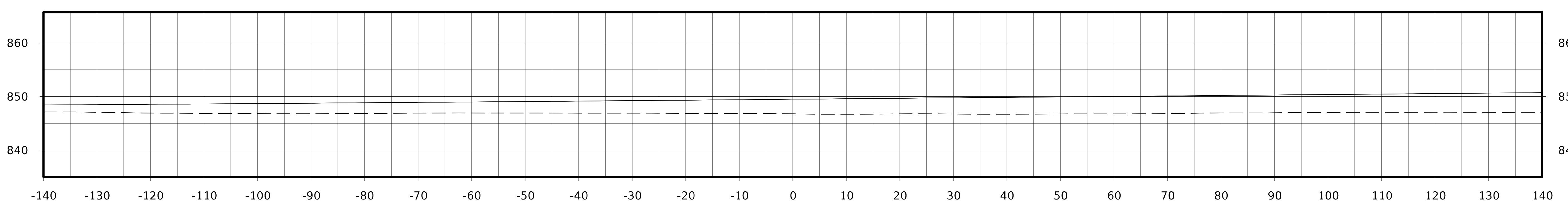
STA. 4016+50.00



STA. 4016+25.00

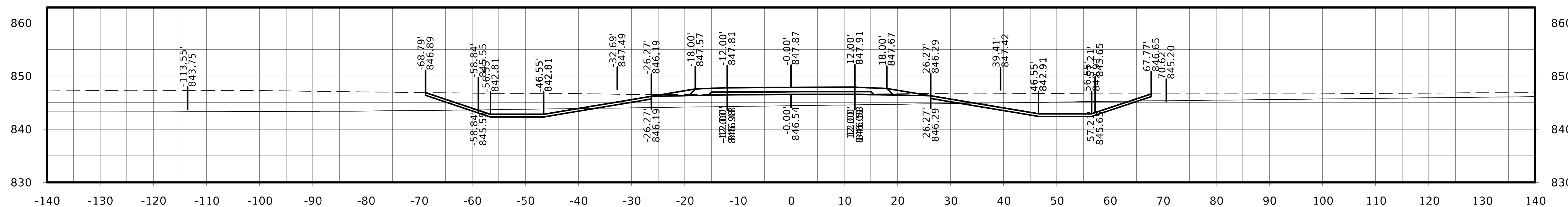
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.465

Independence Ave.

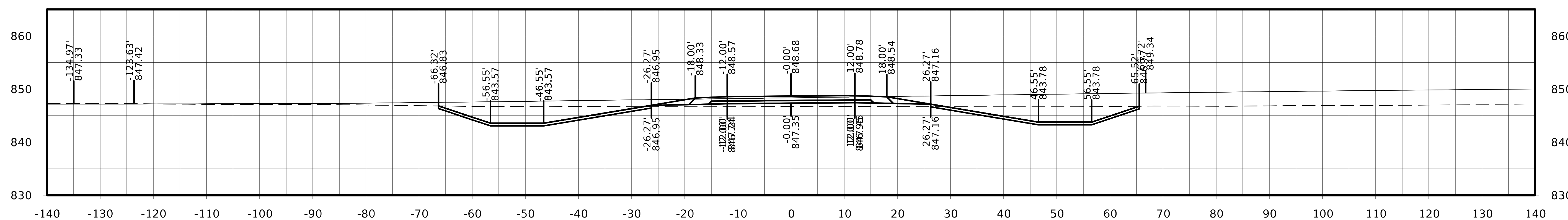


STA. 4016+94.73

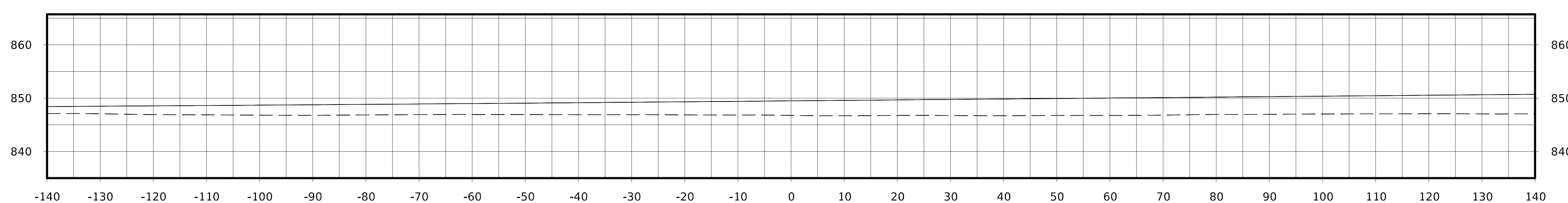
Old IA 163



STA. 5000+50.00



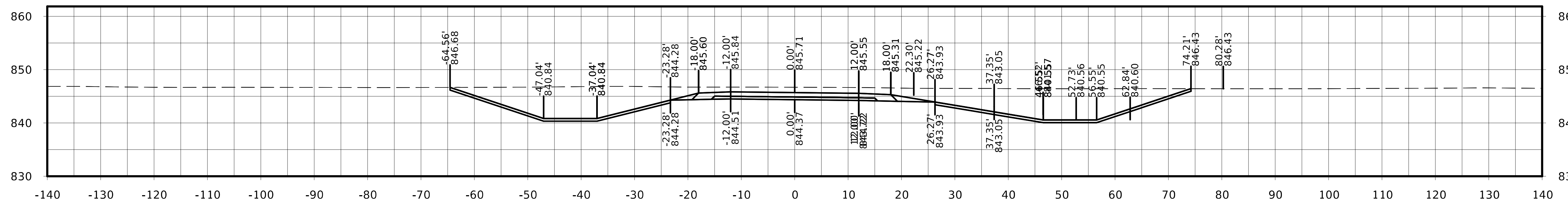
STA. 5000+25.00



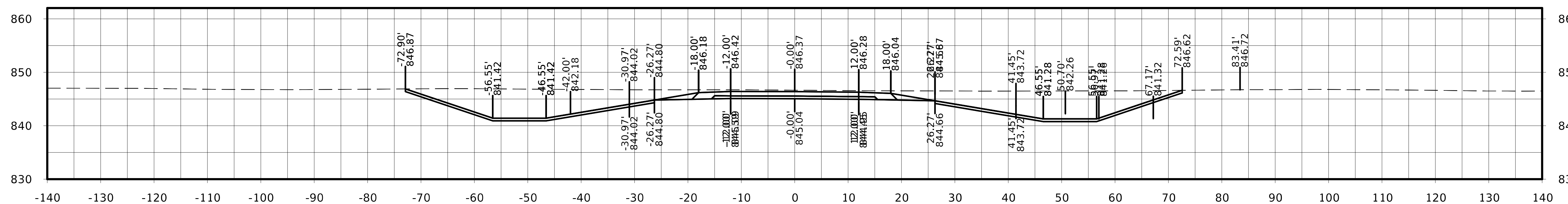
STA. 5000+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.467

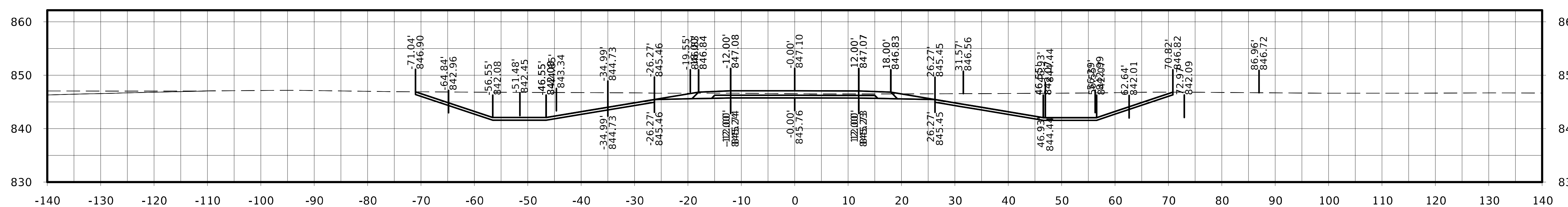
Old IA 163



STA. 5001+25.00



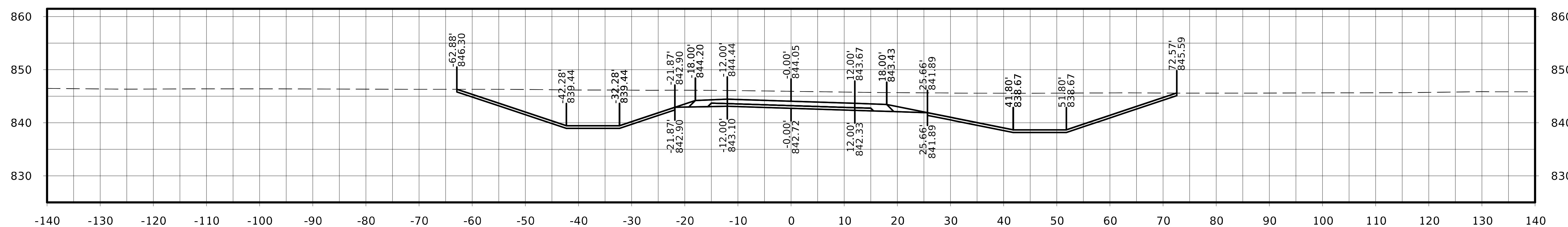
STA. 5001+00.00



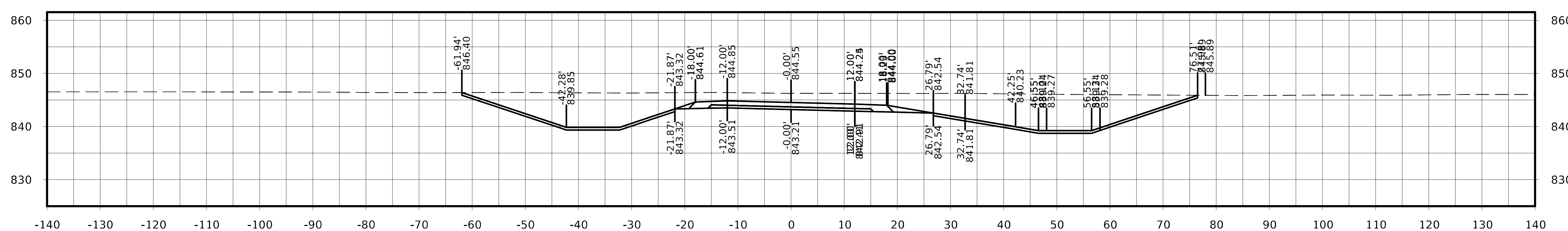
STA. 5000+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.468

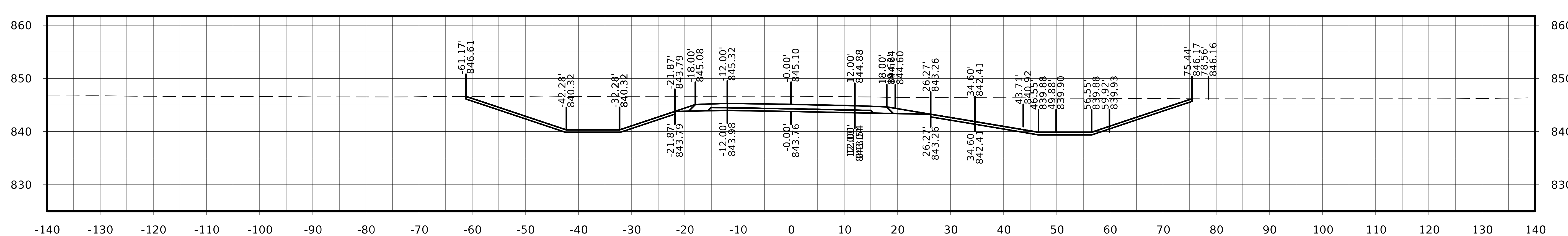
Old IA 163



STA. 5002+00.00



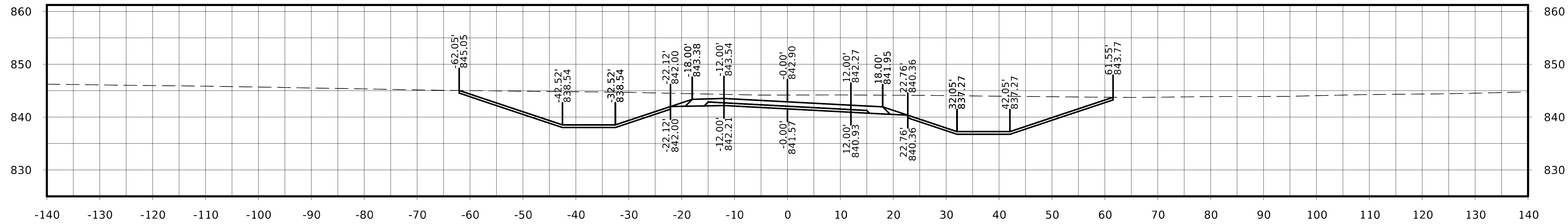
STA. 5001+75.00



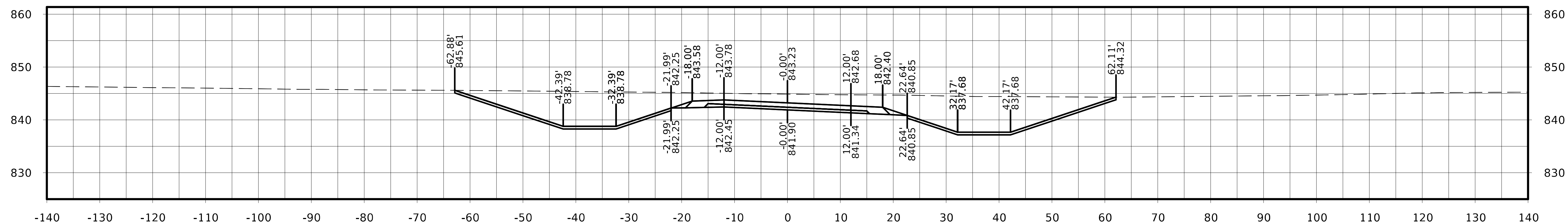
STA. 5001+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.469

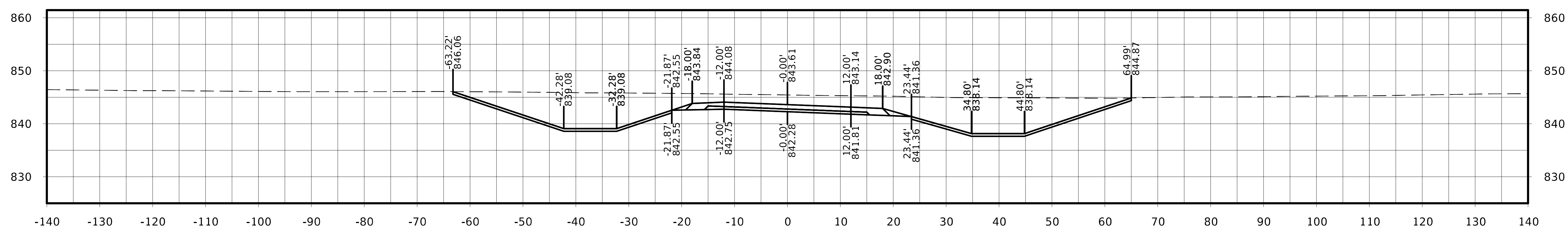
Old IA 163



STA. 5002+75.00



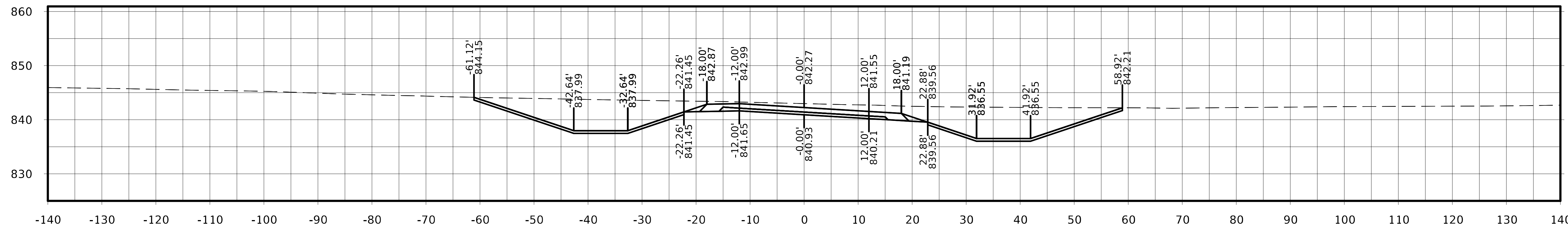
STA. 5002+50.00



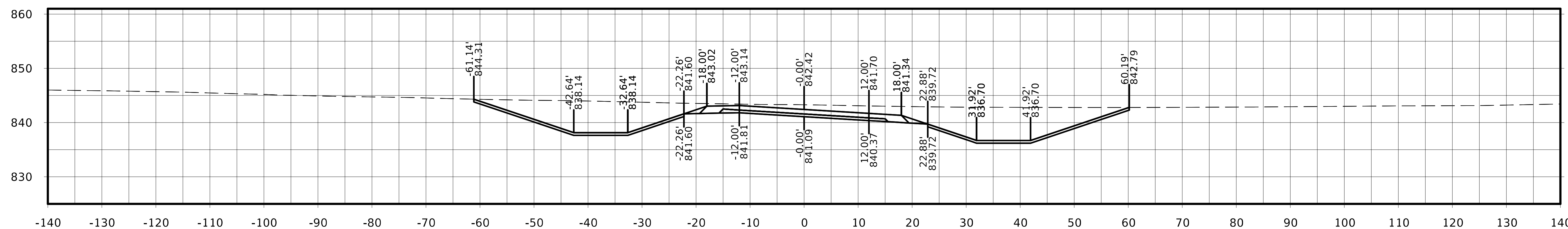
STA. 5002+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.470

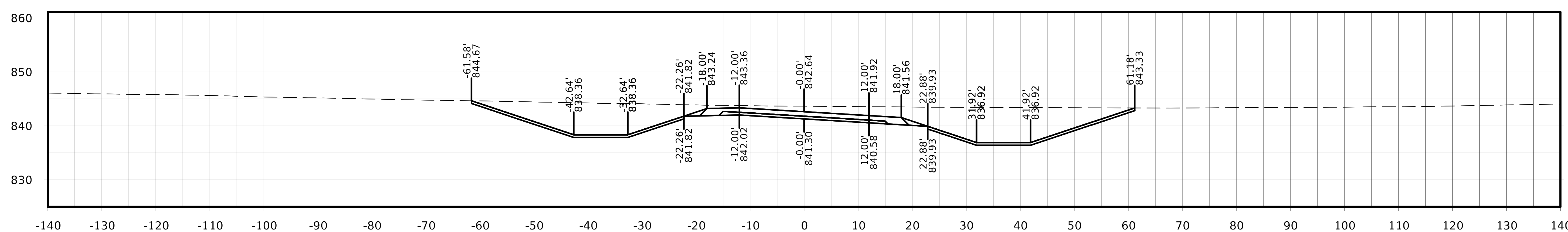
Old IA 163



STA. 5003+50.00



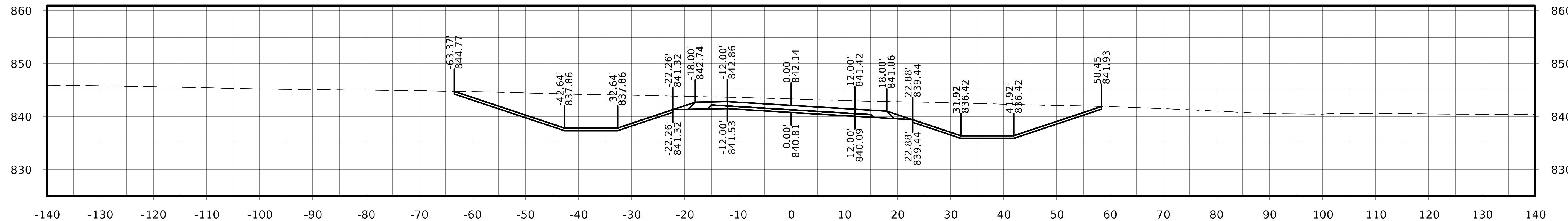
STA. 5003+25.00



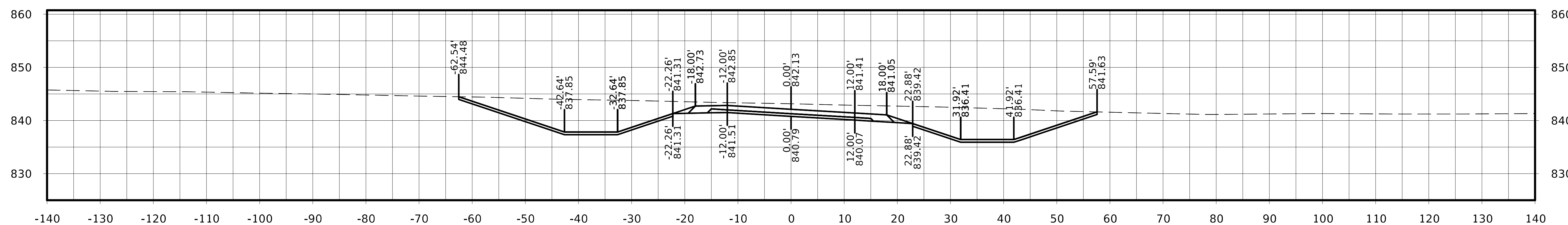
STA. 5003+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.471

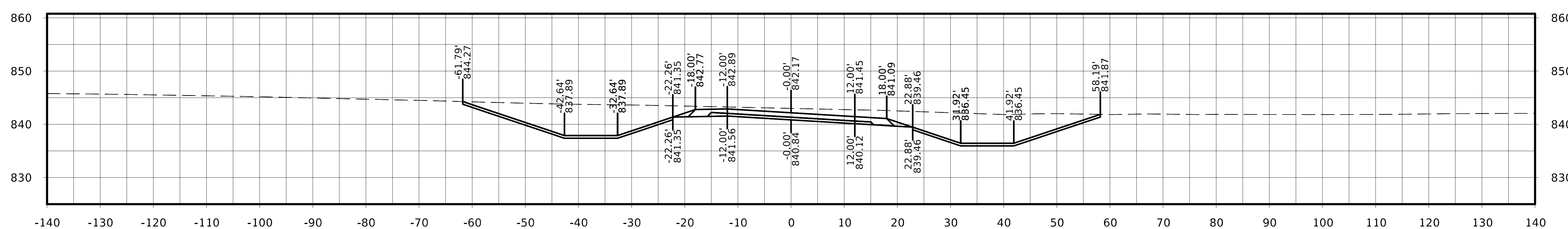
Old IA 163



STA. 5004+25.00

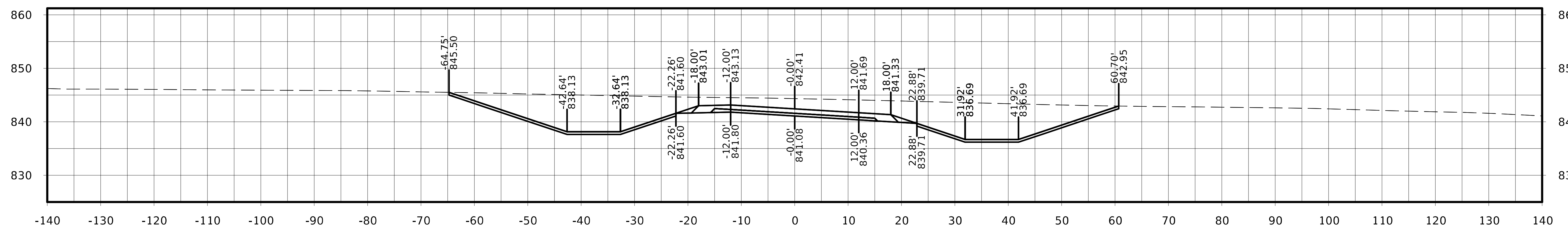


STA. 5004+00.00

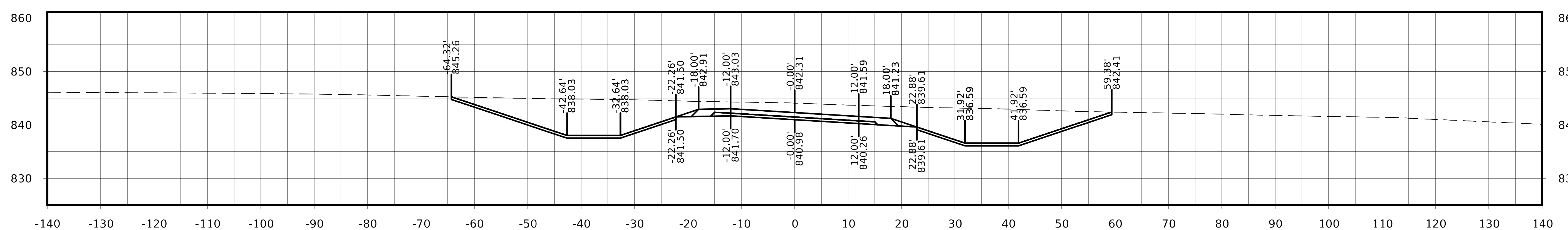


STA. 5003+75.00

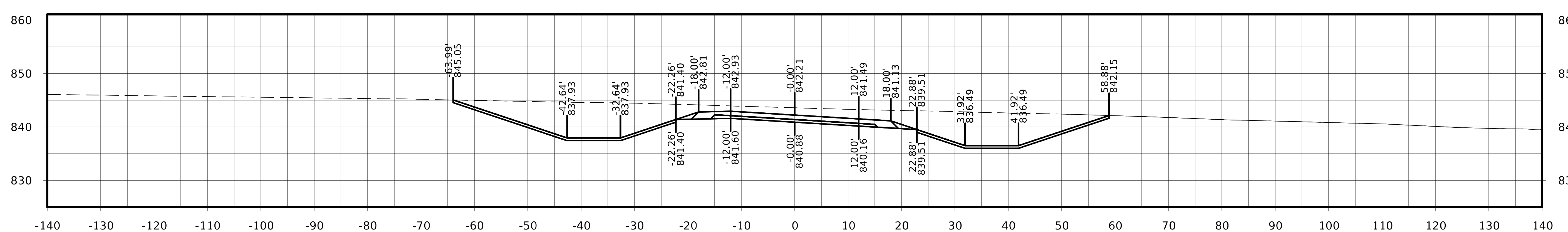
Old IA 163



STA. 5005+00.00



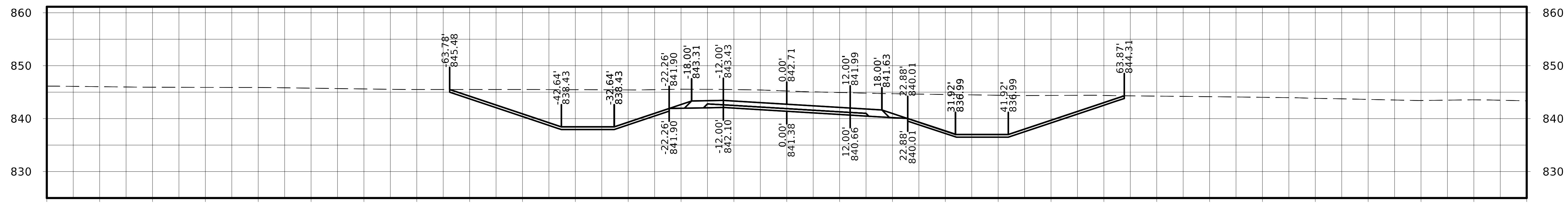
STA. 5004+75.00



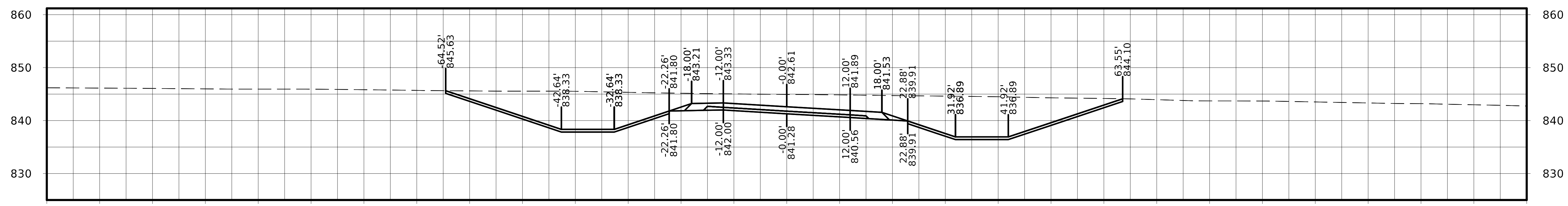
STA. 5004+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.473

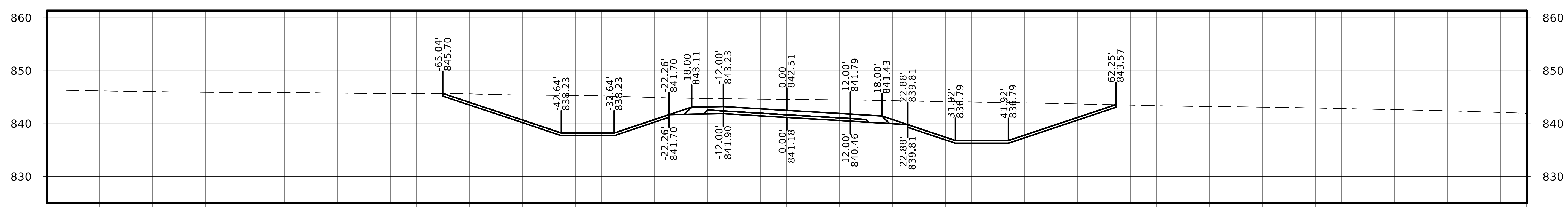
Old IA 163



STA. 5005+75.00



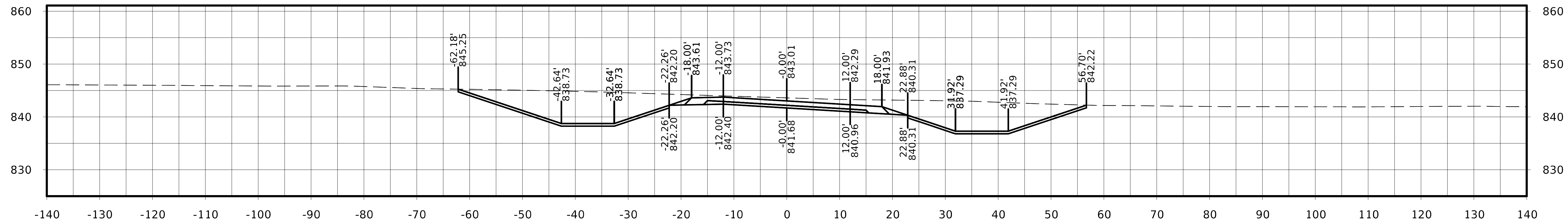
STA. 5005+50.00



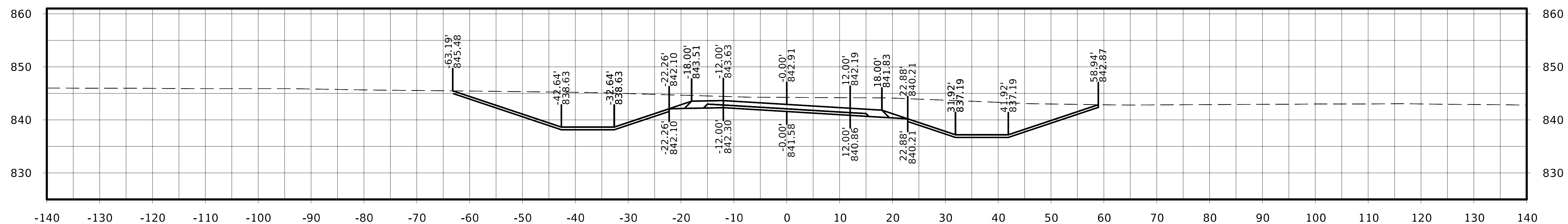
STA. 5005+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.474

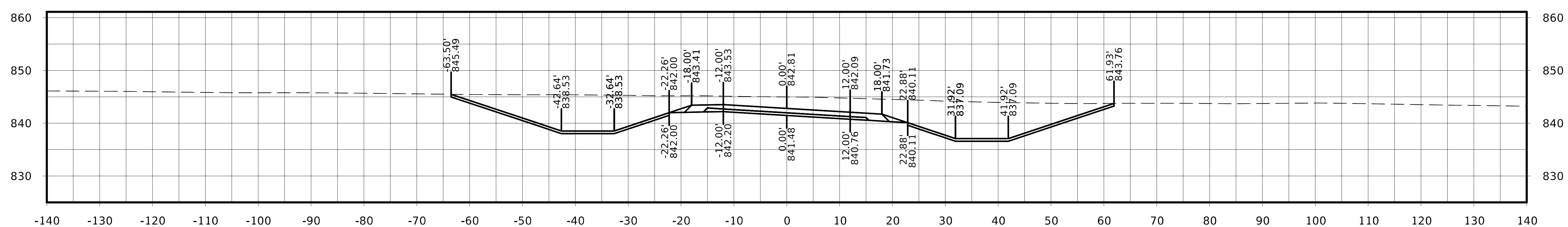
Old IA 163



STA. 5006+50.00



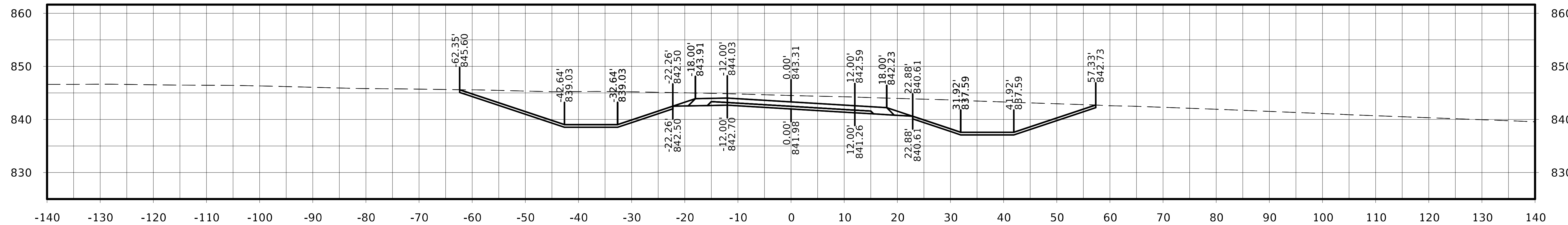
STA. 5006+25.00

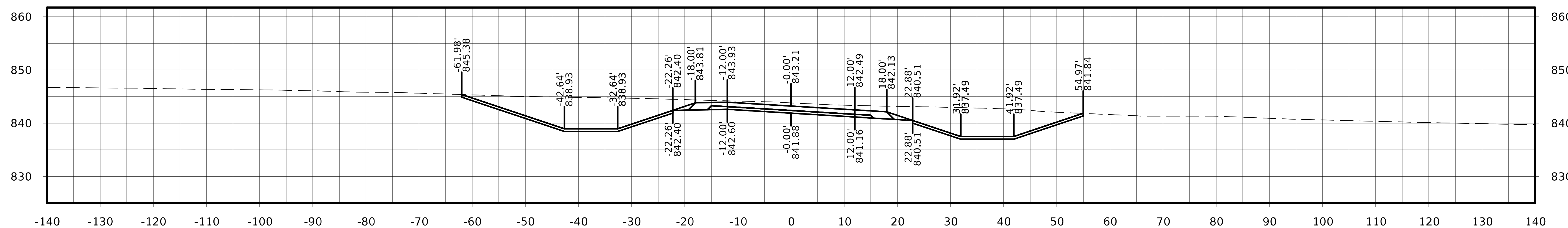


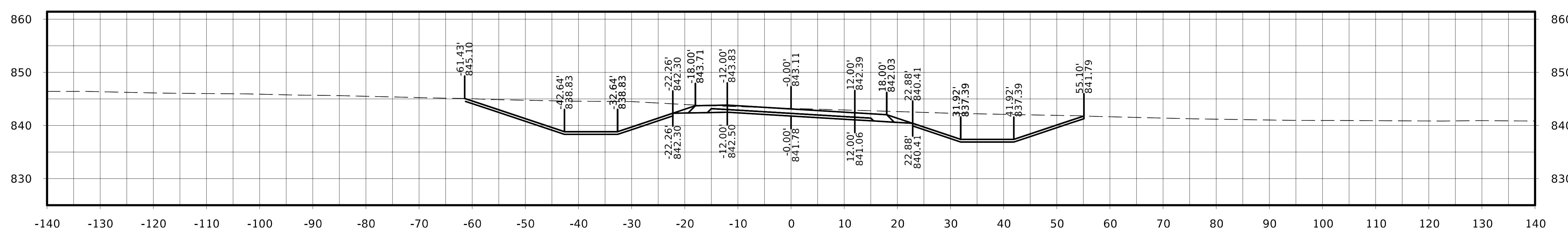
STA. 5006+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER	W.475

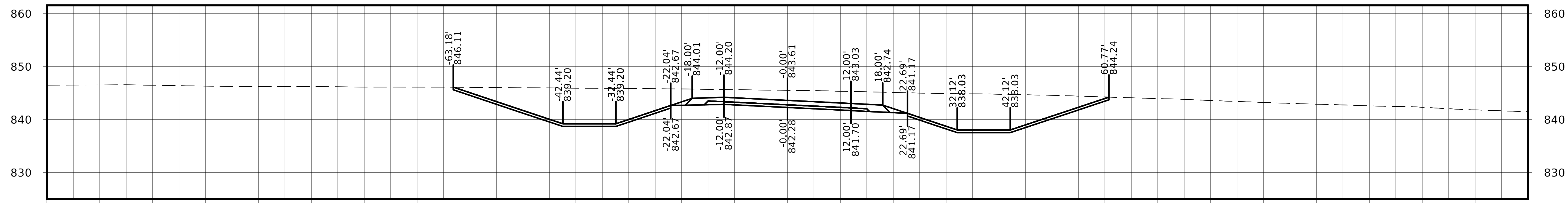
Old IA 163



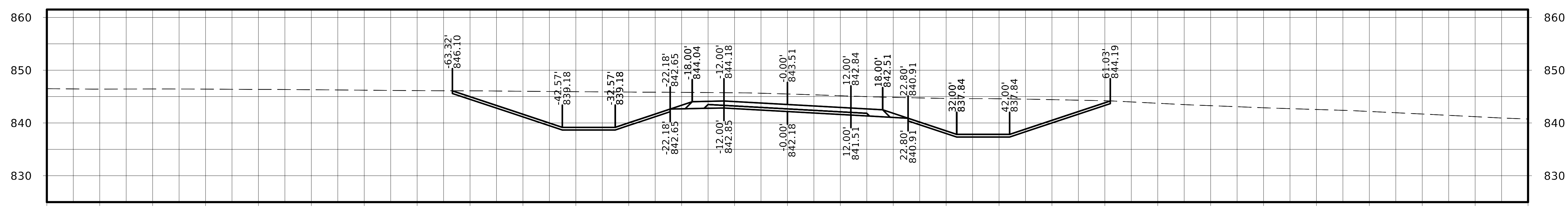




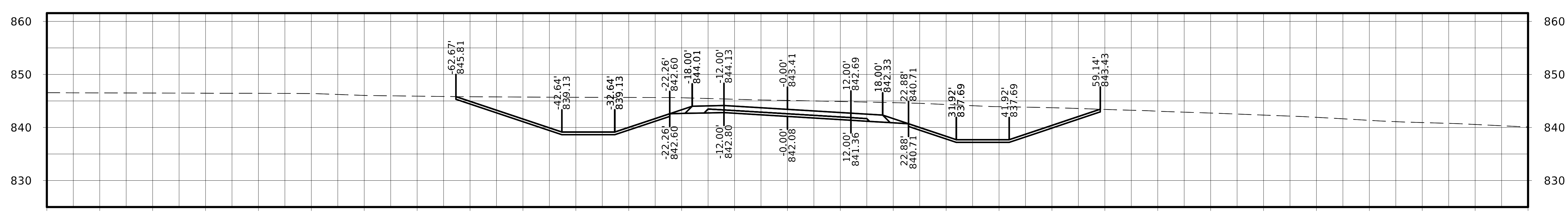
Old IA 163



STA. 5008+00.00

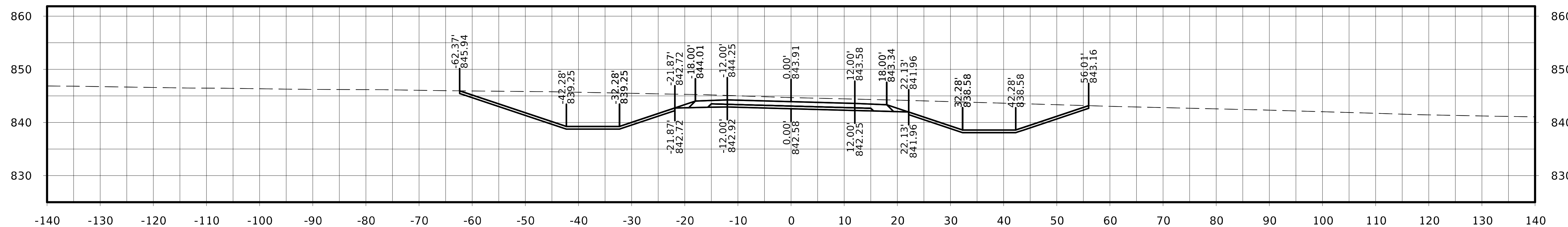


STA. 5007+75.00

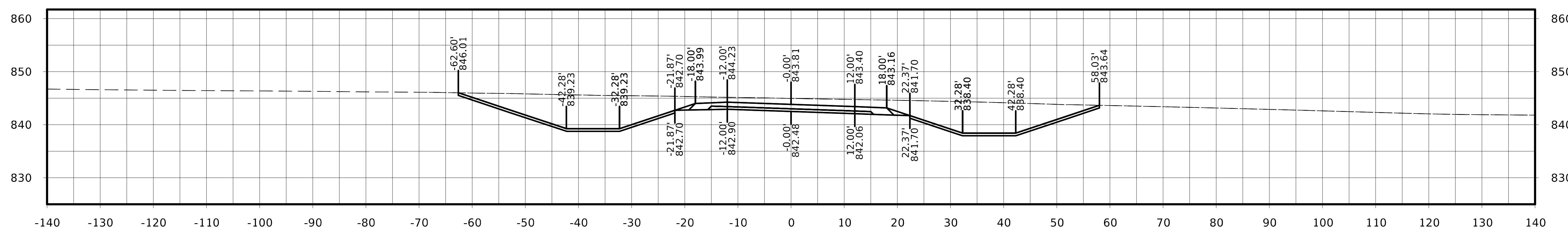


STA. 5007+50.00

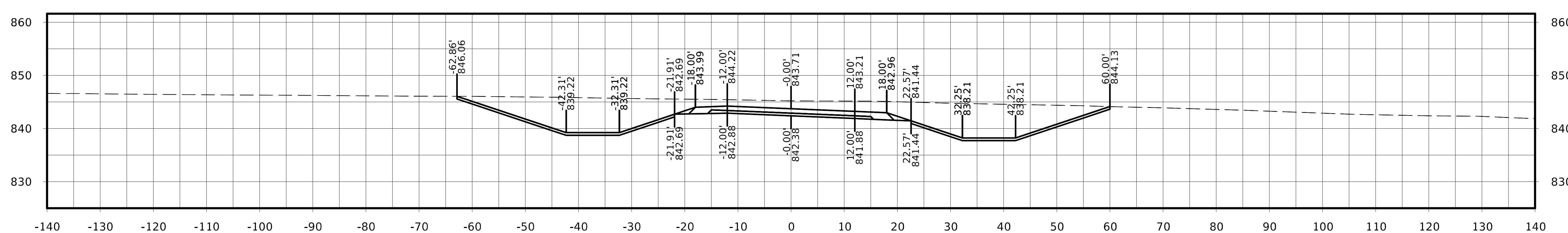
Old IA 163



STA. 5008+75.00



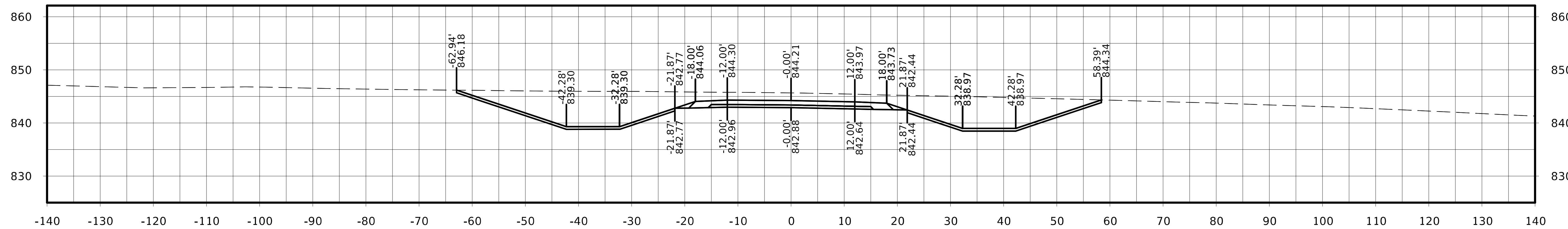
STA. 5008+50.00



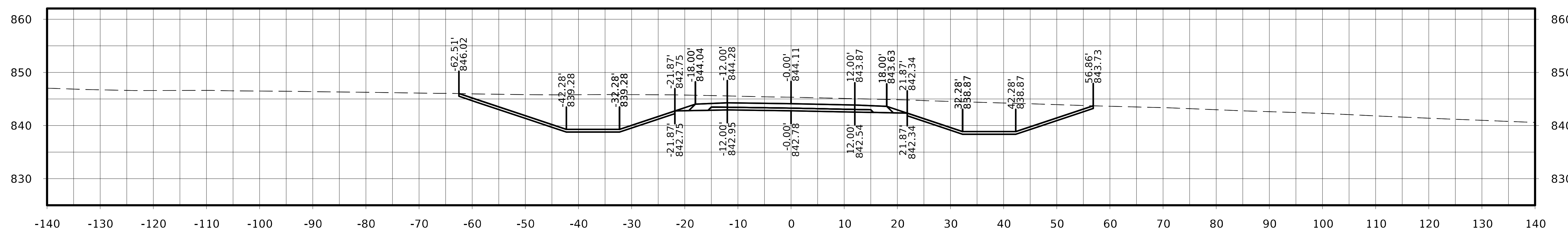
STA. 5008+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.478

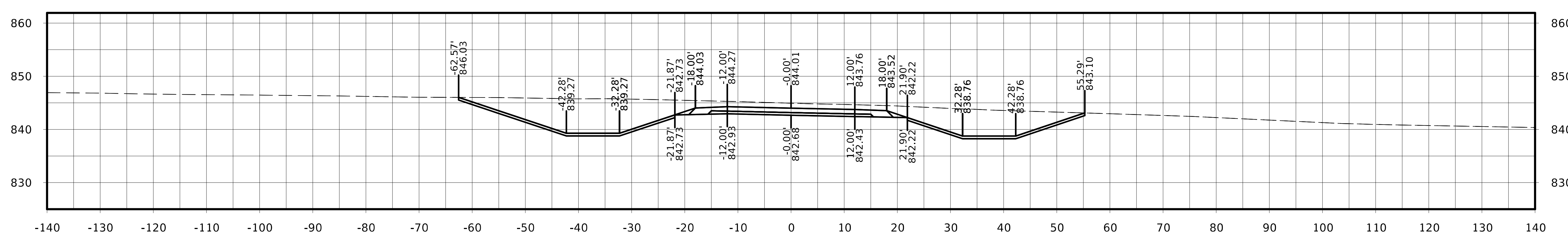
Old IA 163



STA. 5009+50.00

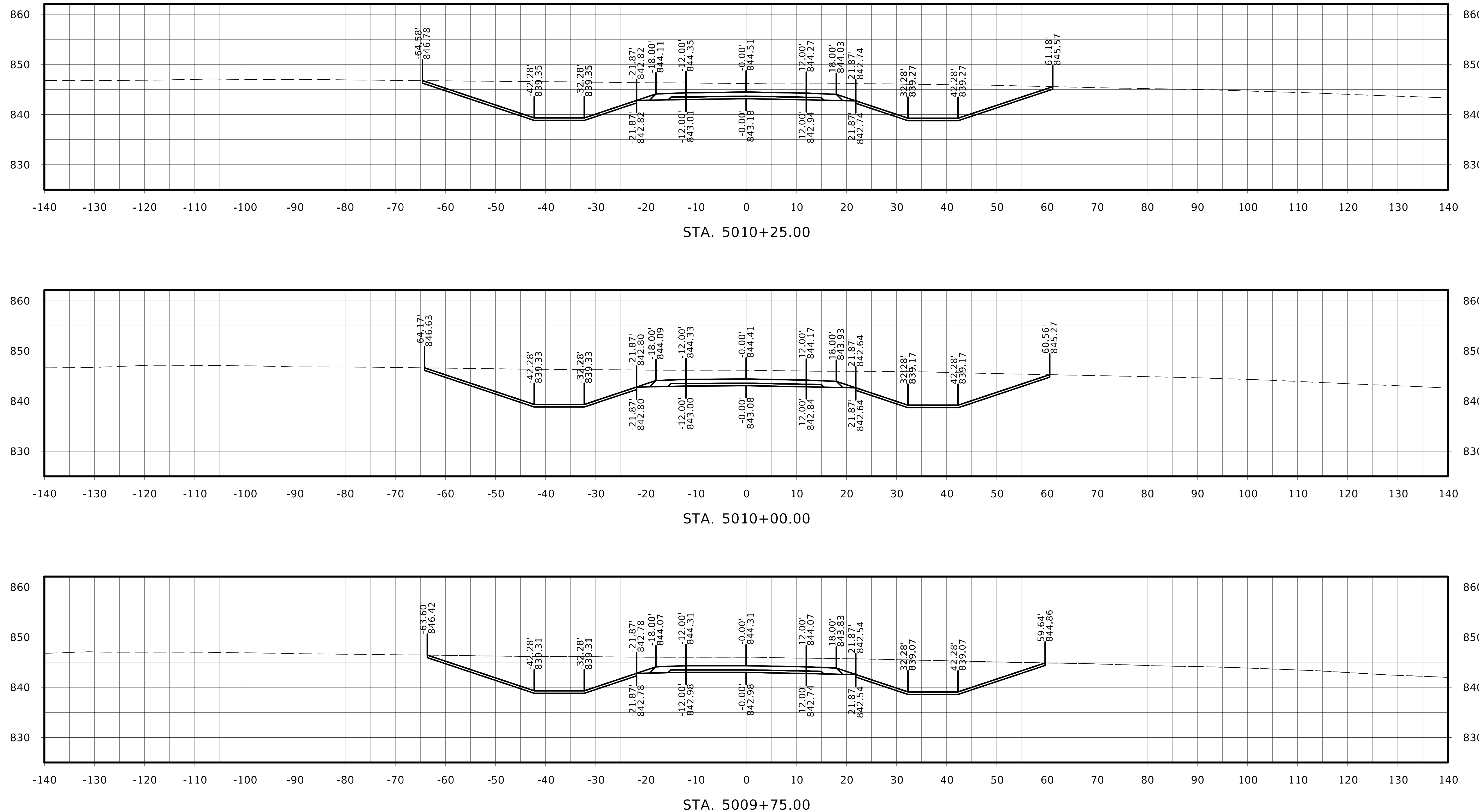


STA. 5009+25.00



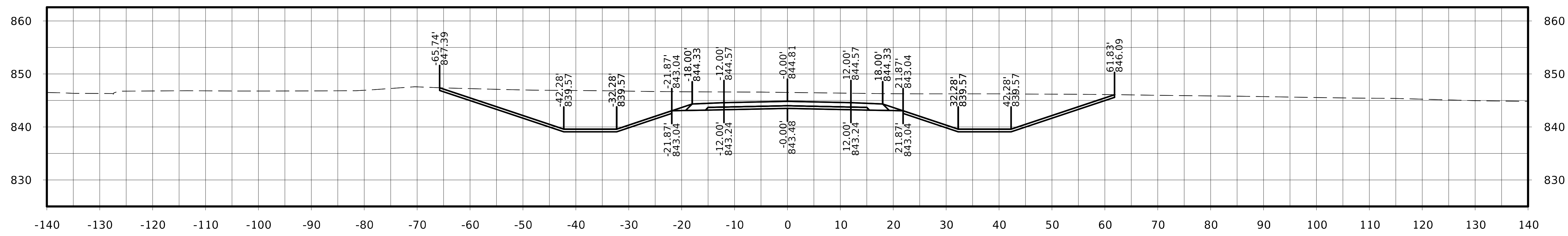
STA. 5009+00.00

Old IA 163

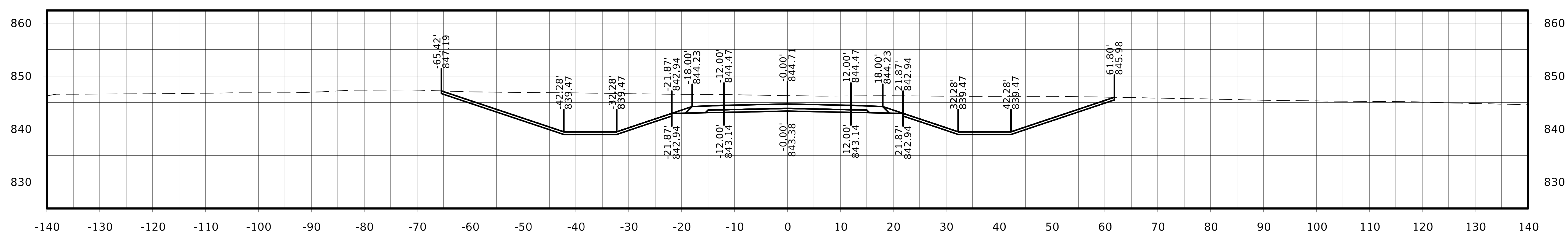


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.480

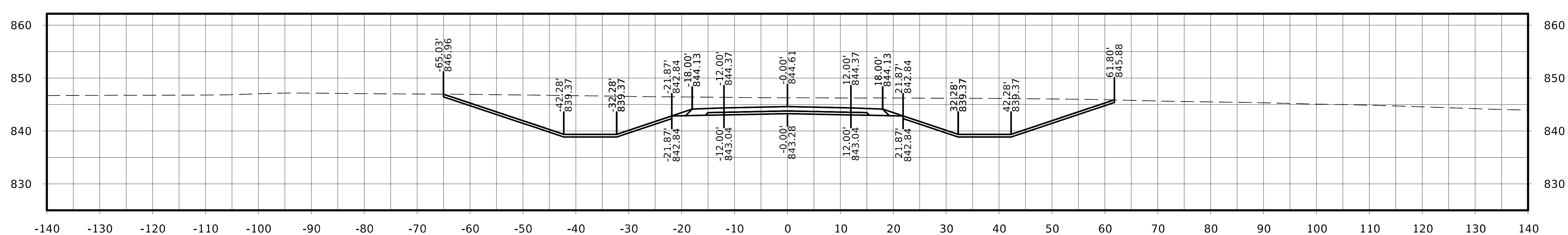
Old IA 163



STA. 5011+00.00

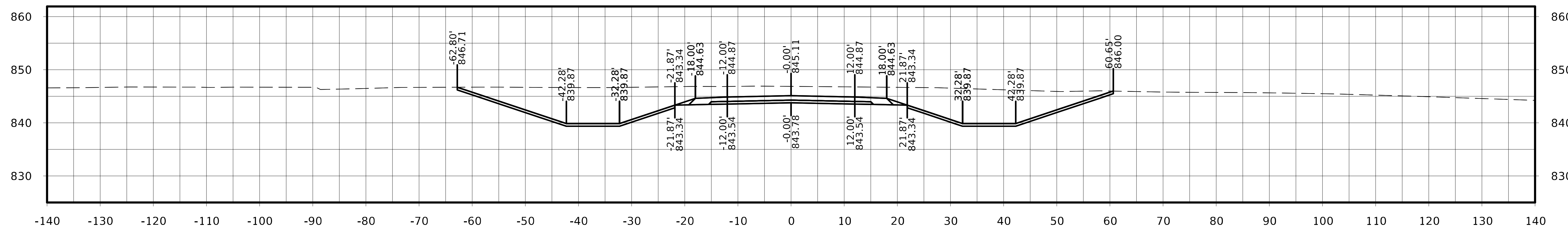


STA. 5010+75.00

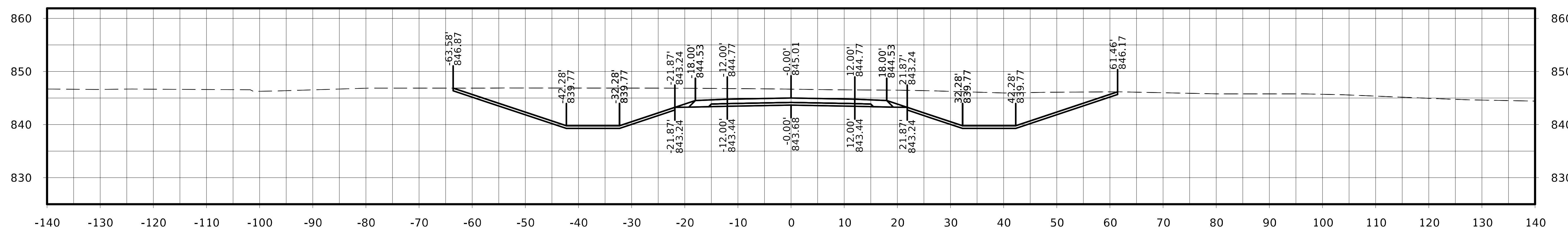


STA. 5010+50.00

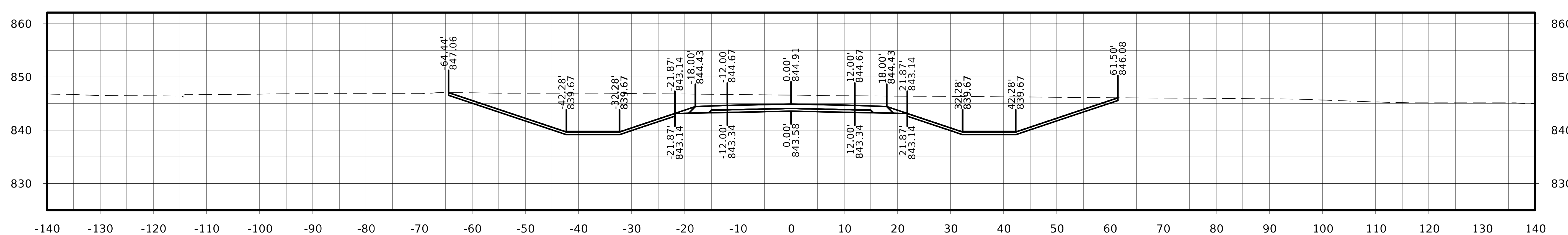
Old IA 163



STA. 5011+75.00



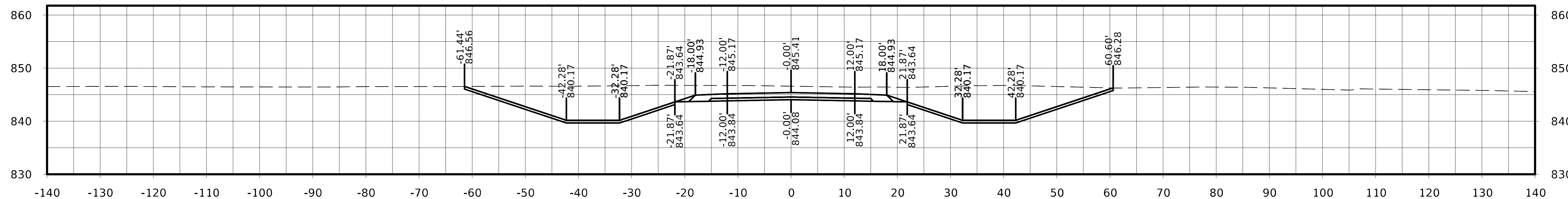
STA. 5011+50.00



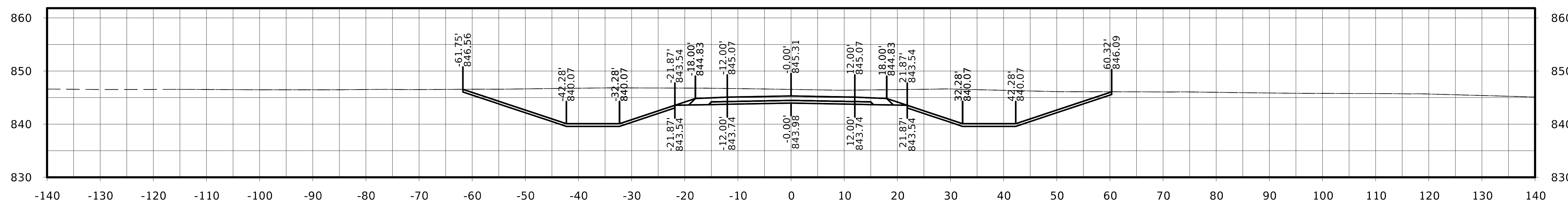
STA. 5011+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.482	

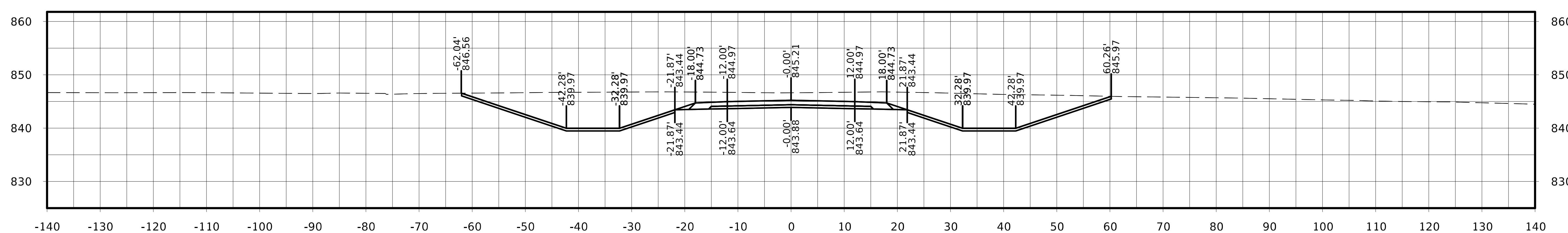
Old IA 163



STA. 5012+50.00



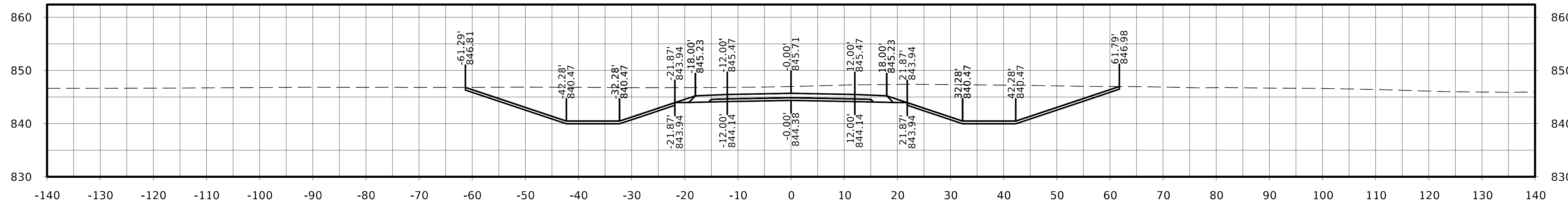
STA. 5012+25.00



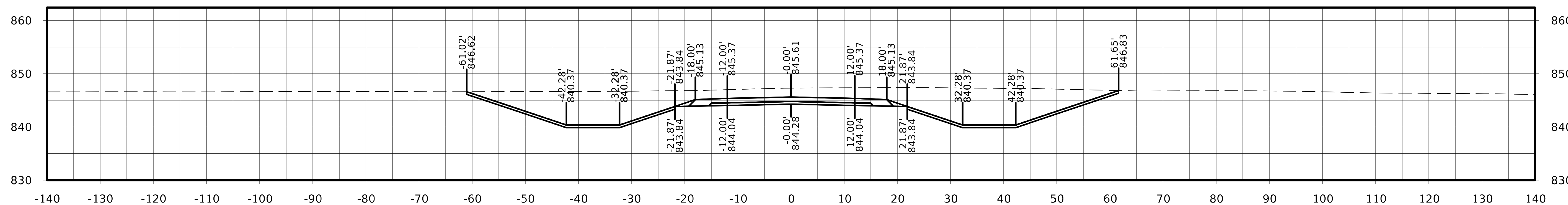
STA. 5012+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.483

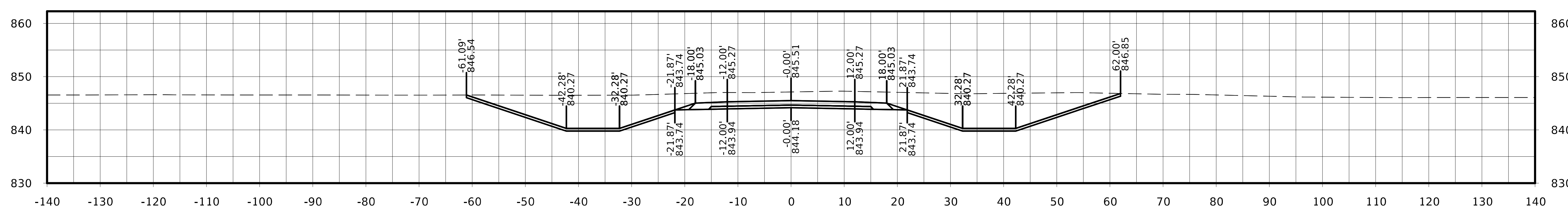
Old IA 163



STA. 5013+25.00

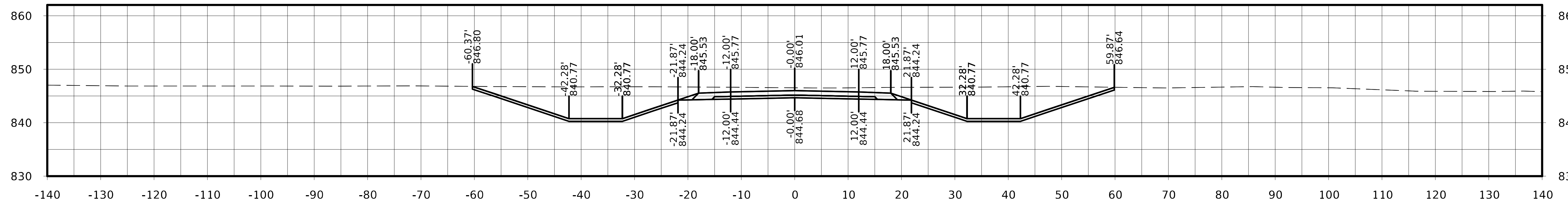


STA. 5013+00.00

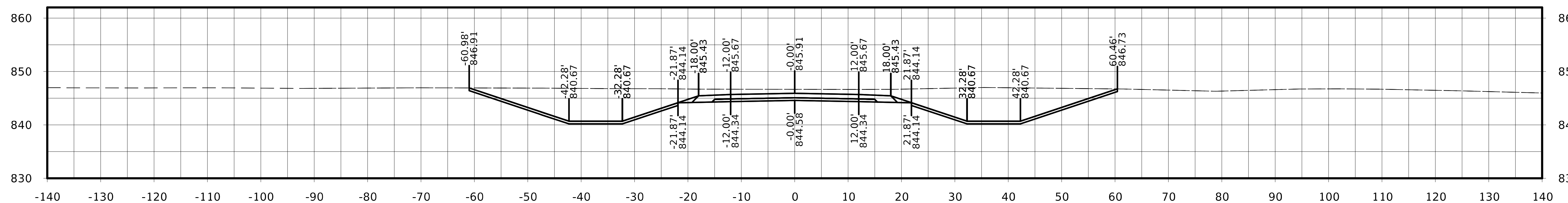


STA. 5012+75.00

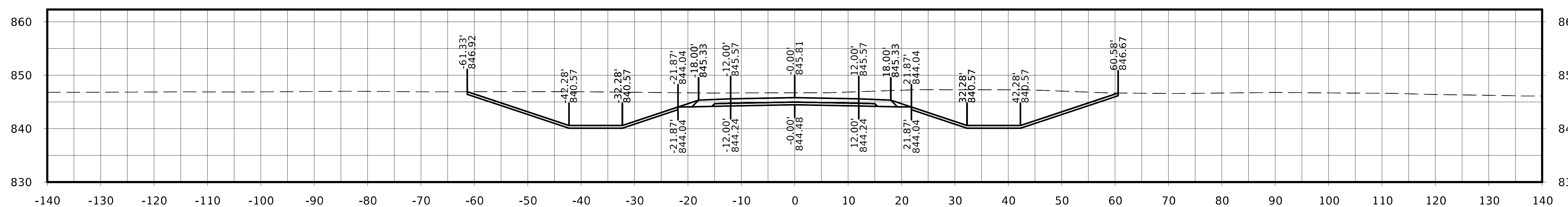
Old IA 163



STA. 5014+00.00

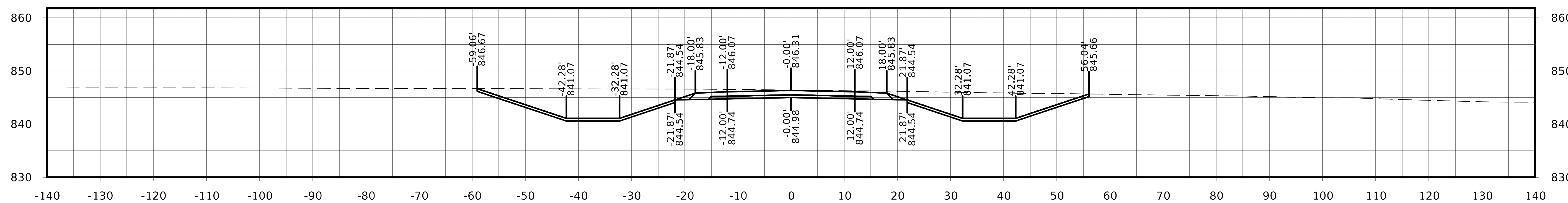


STA. 5013+75.00

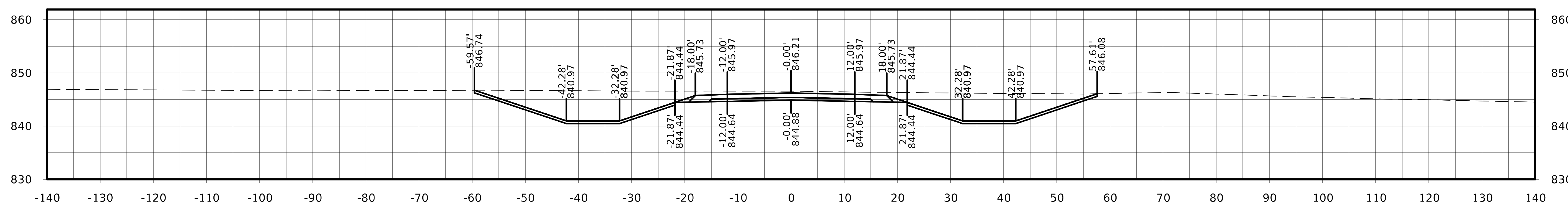


STA. 5013+50.00

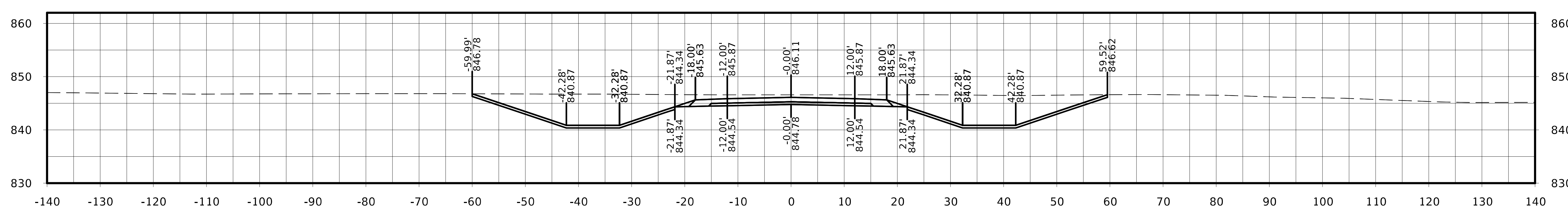
Old IA 163



STA. 5014+75.00

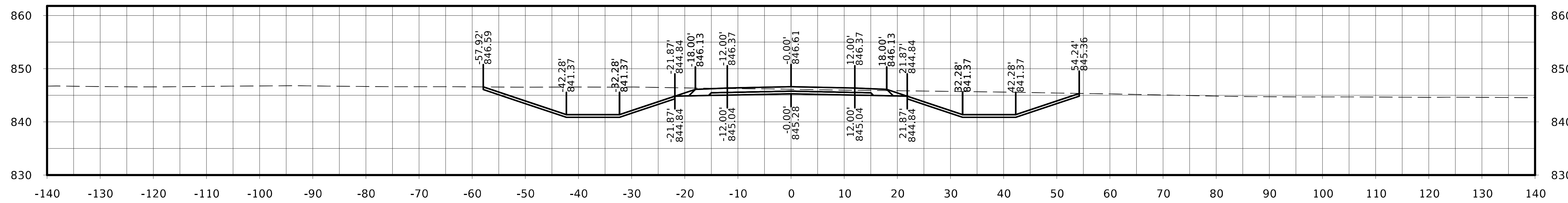


STA. 5014+50.00

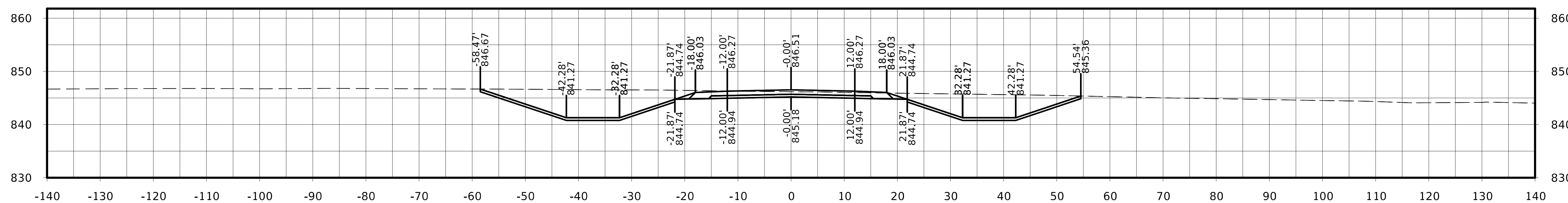


STA. 5014+25.00

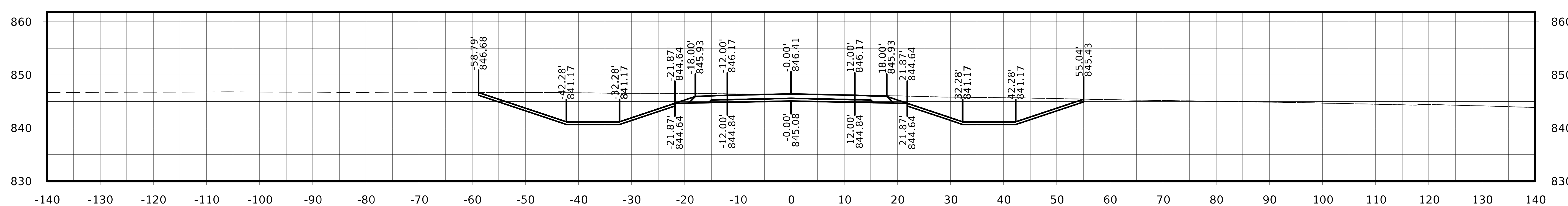
Old IA 163



STA. 5015+50.00



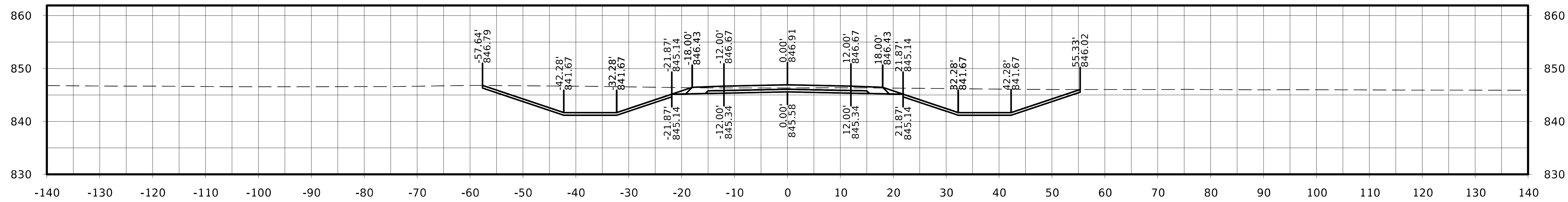
STA. 5015+25.00



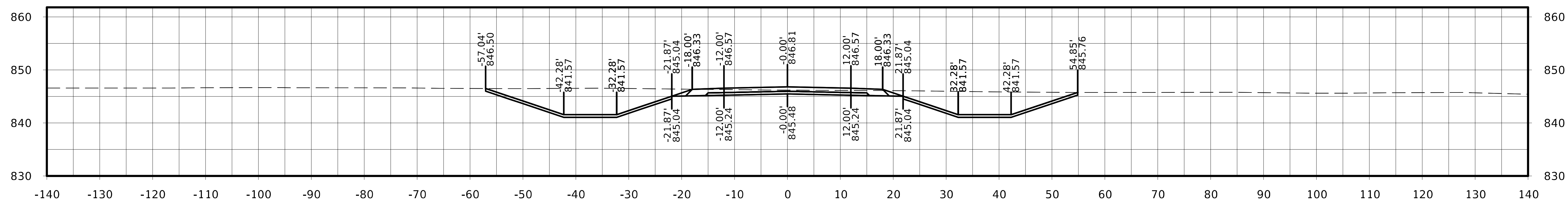
STA. 5015+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.487

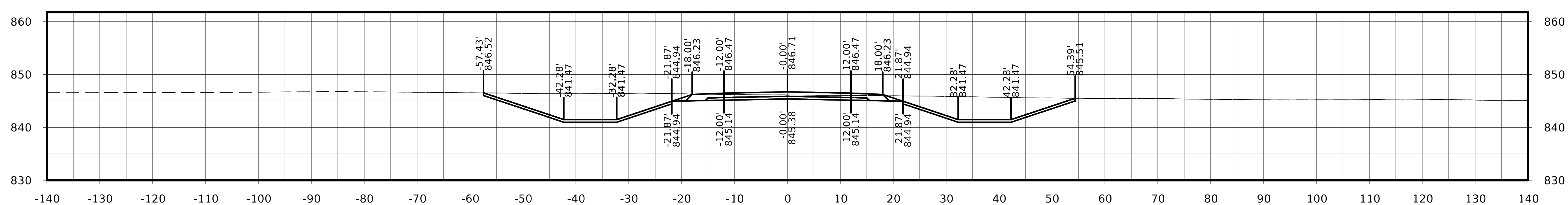
Old IA 163



STA. 5016+25.00

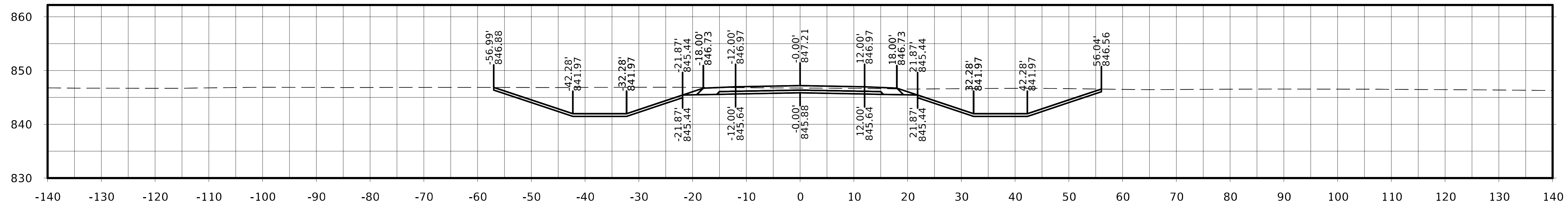


STA. 5016+00.00

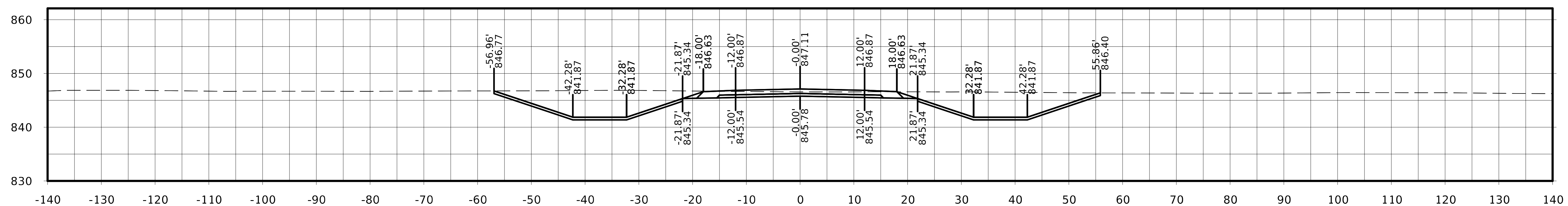


STA. 5015+75.00

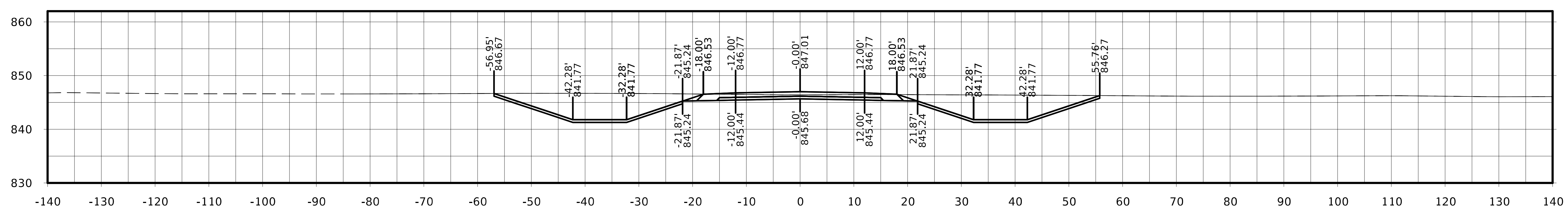
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.488



STA. 5017+00.00

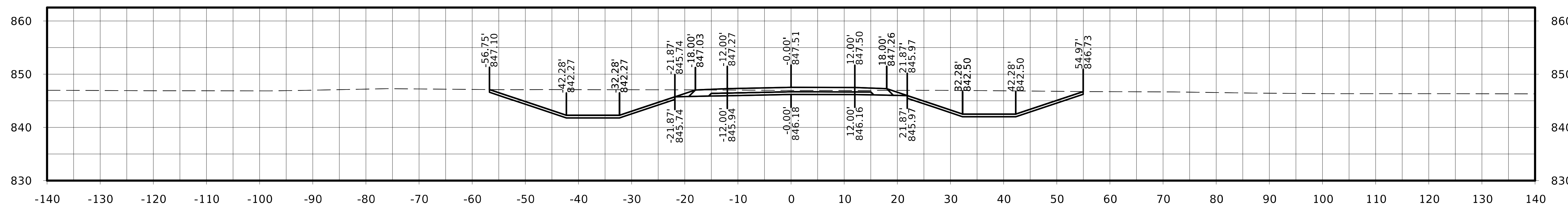


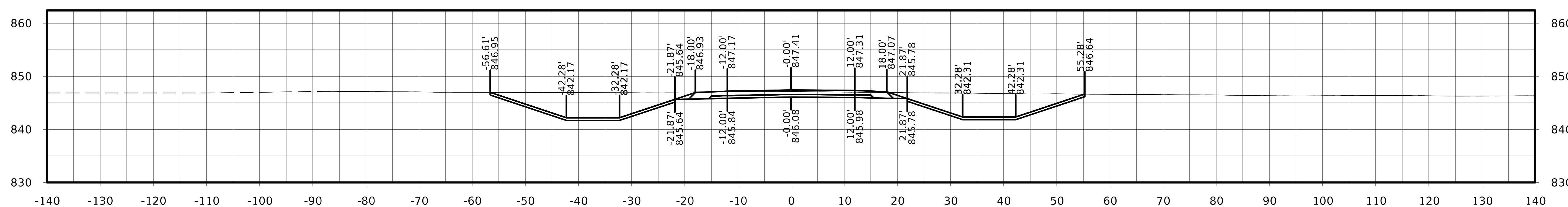
STA. 5016+75.00

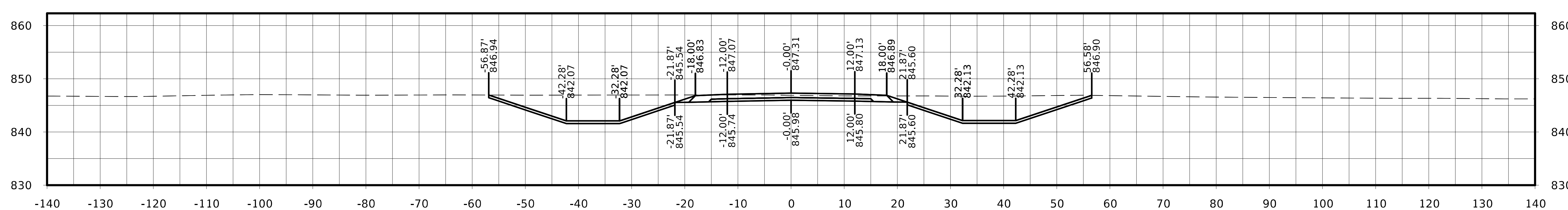


STA. 5016+50.00

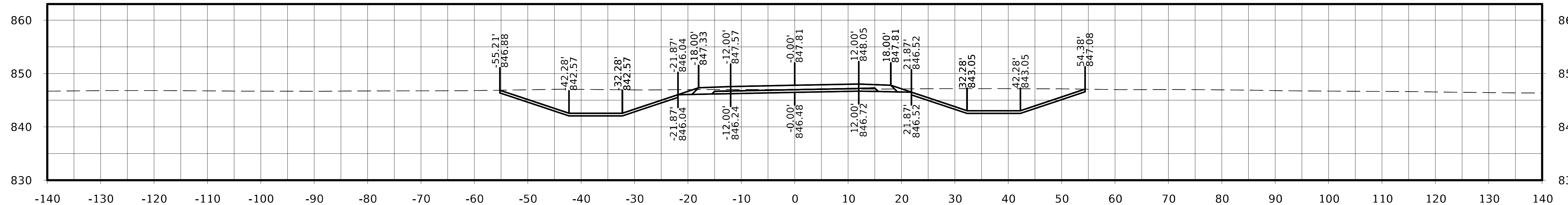
Old IA 163



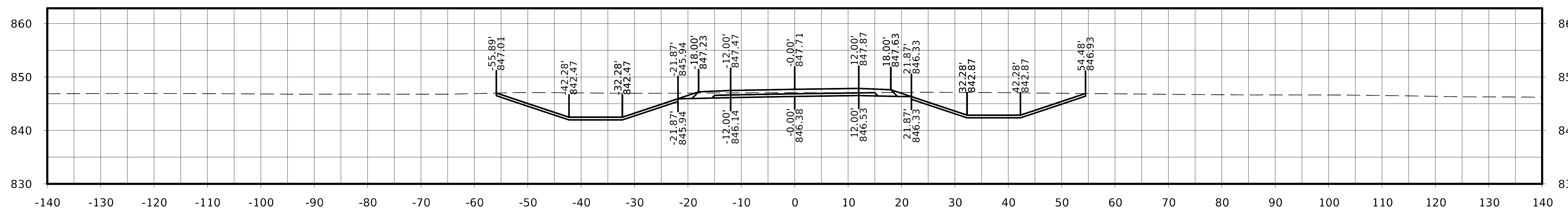




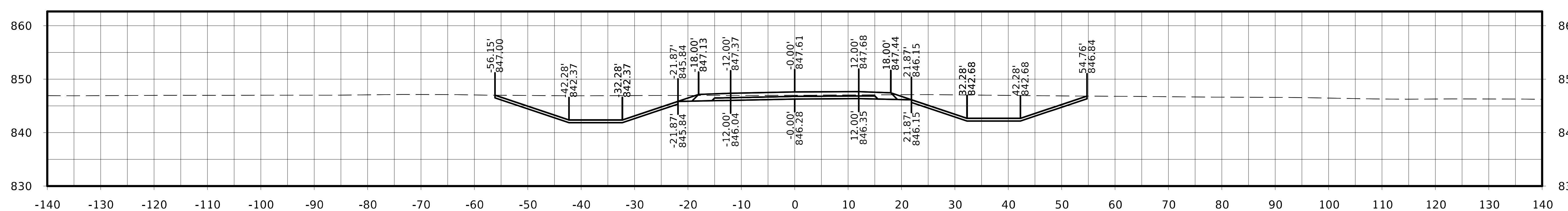
Old IA 163



STA. 5018+50.00



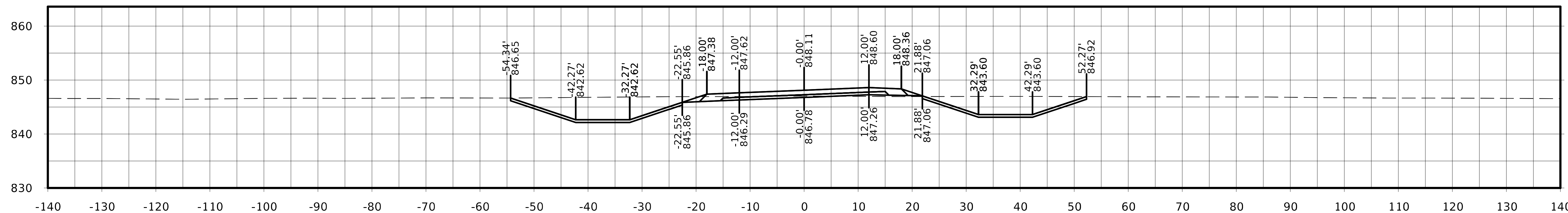
STA. 5018+25.00



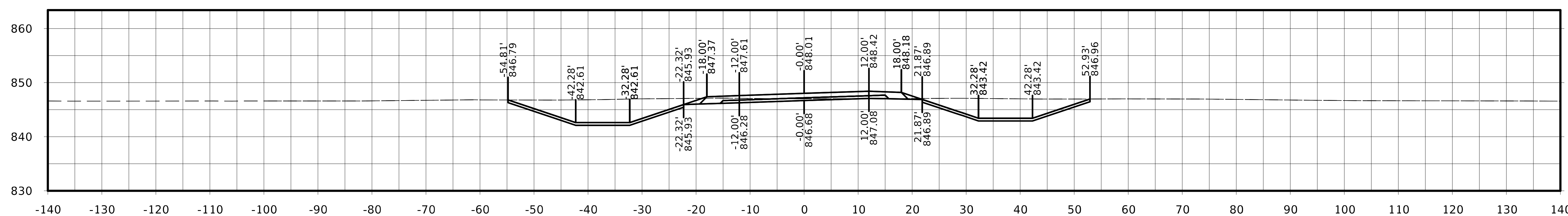
STA. 5018+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.491

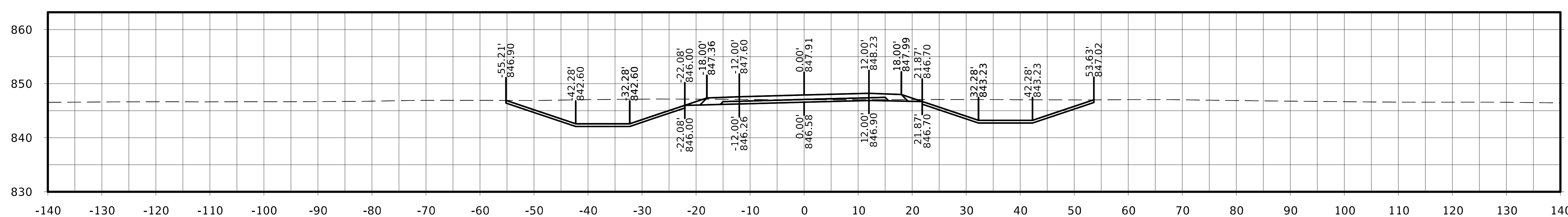
Old IA 163



STA. 5019+25.00



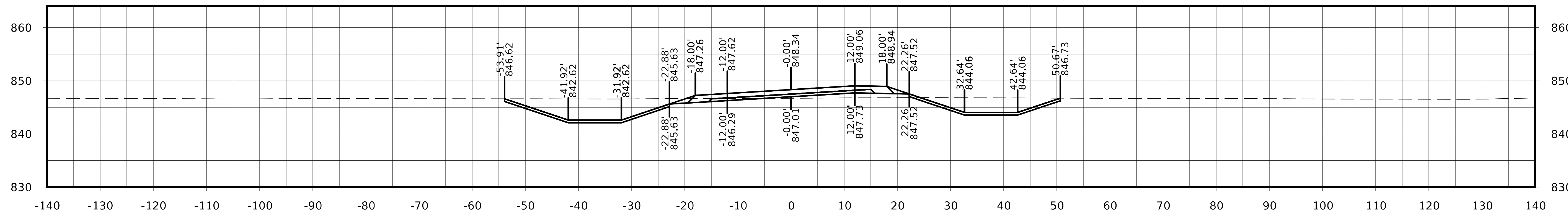
STA. 5019+00.00



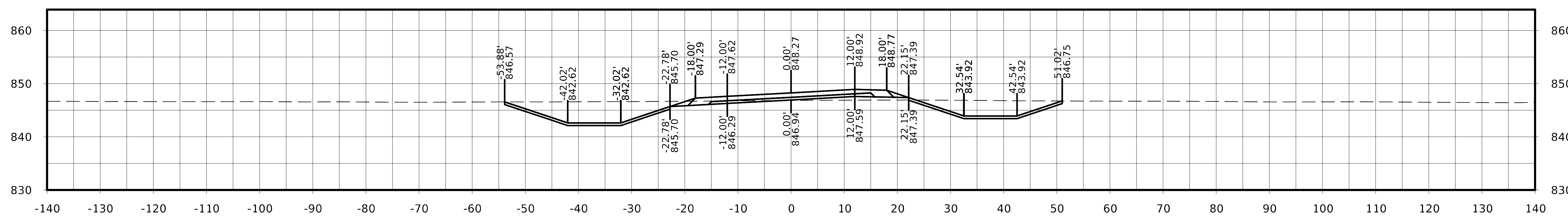
STA. 5018+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.492

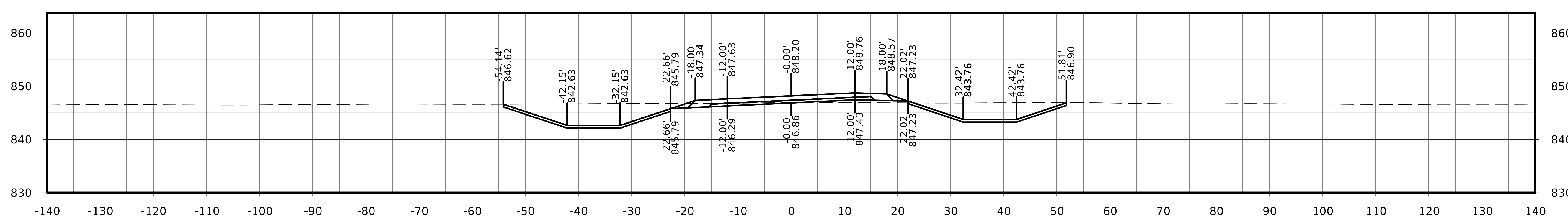
Old IA 163



STA. 5020+00.00



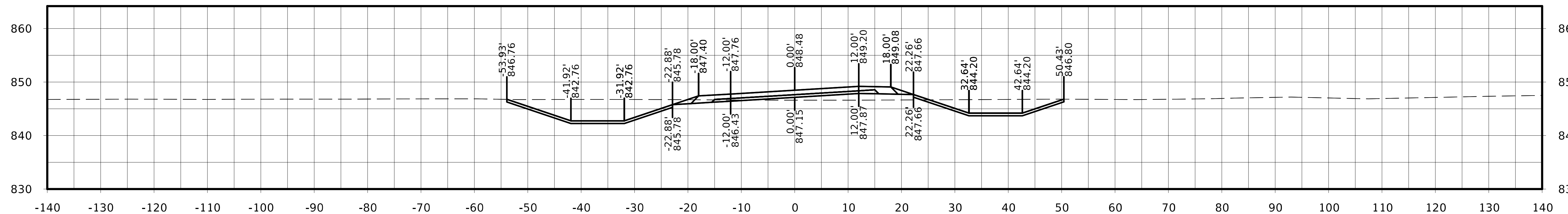
STA. 5019+75.00



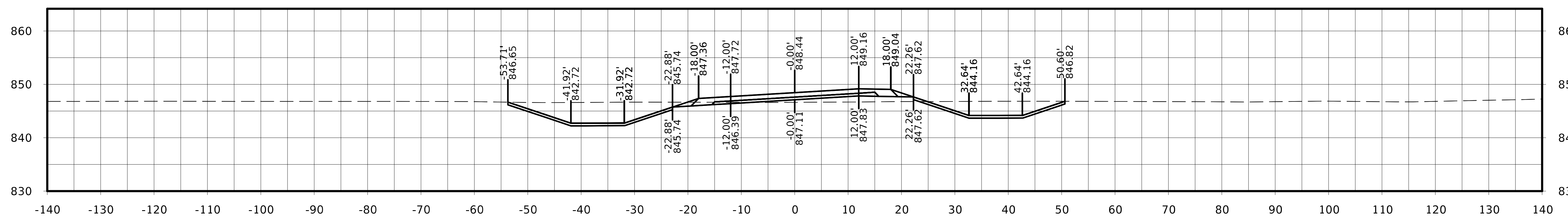
STA. 5019+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.493

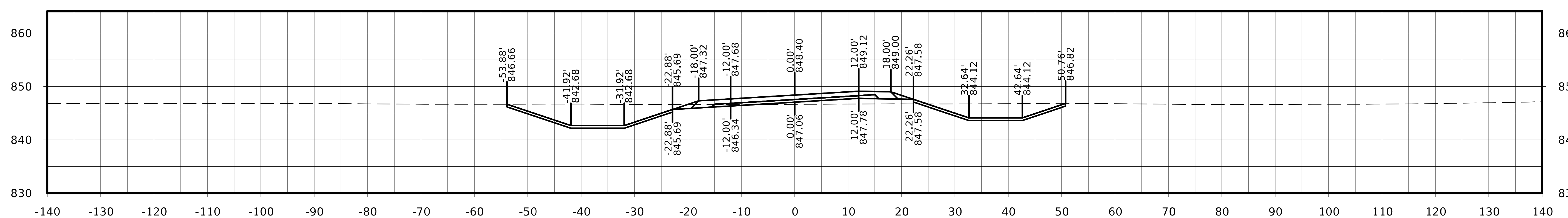
Old IA 163



STA. 5020+75.00



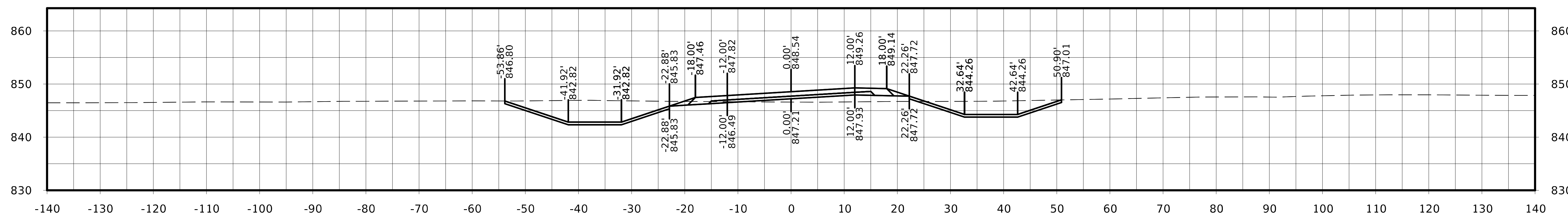
STA. 5020+50.00



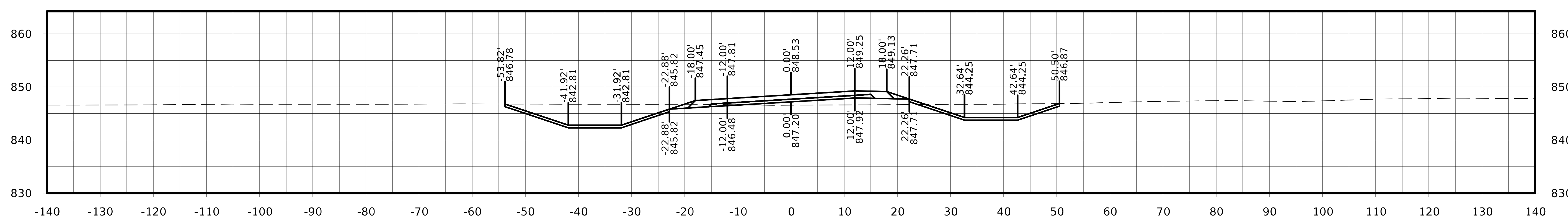
STA. 5020+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.494

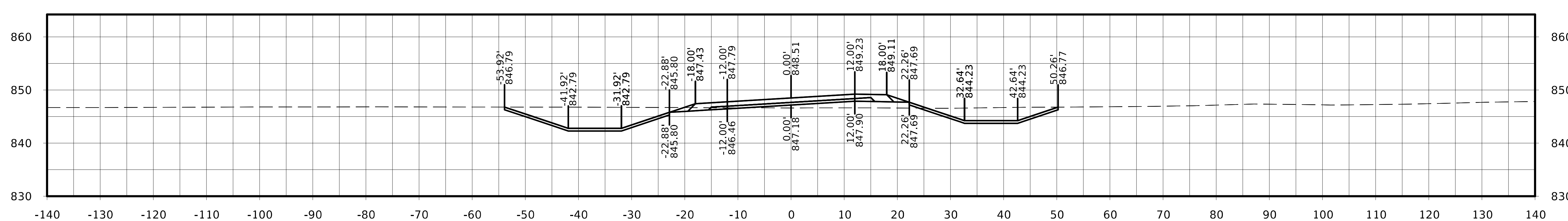
Old IA 163



STA. 5021+50.00



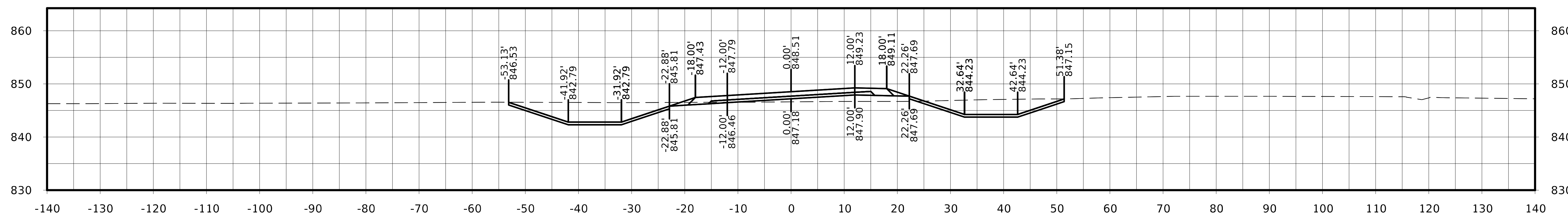
STA. 5021+25.00



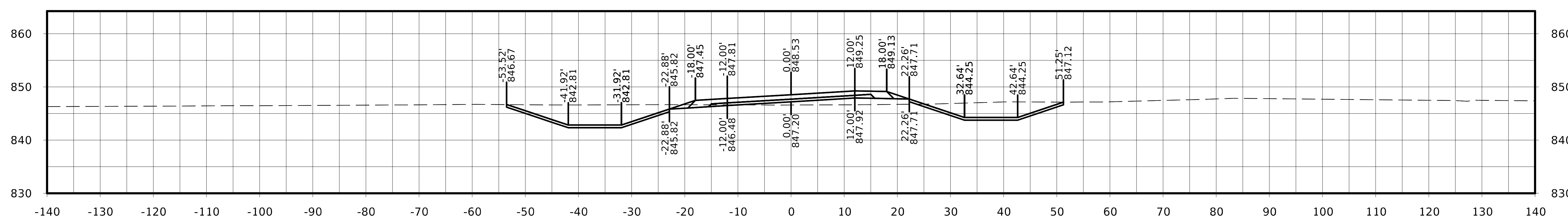
STA. 5021+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.495

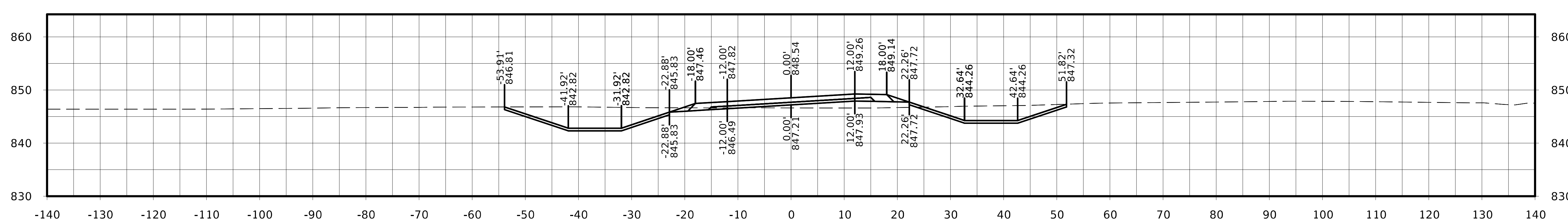
Old IA 163



STA. 5022+25.00

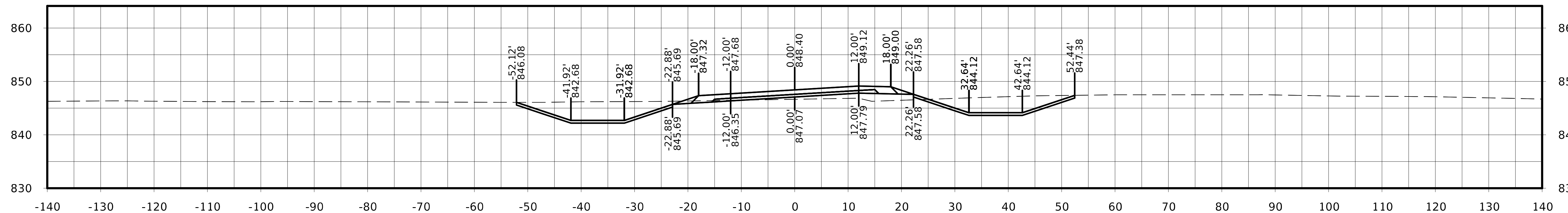


STA. 5022+00.00

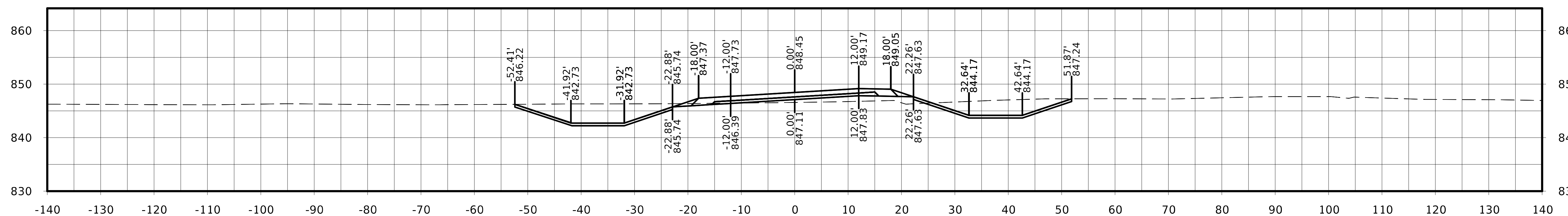


STA. 5021+75.00

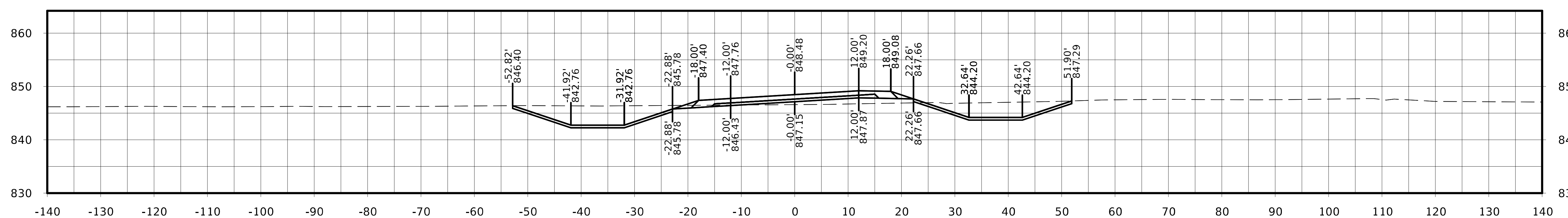
Old IA 163



STA. 5023+00.00



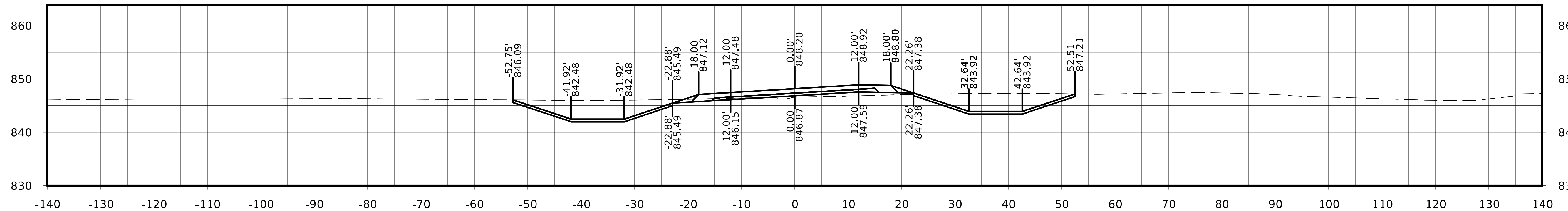
STA. 5022+75.00



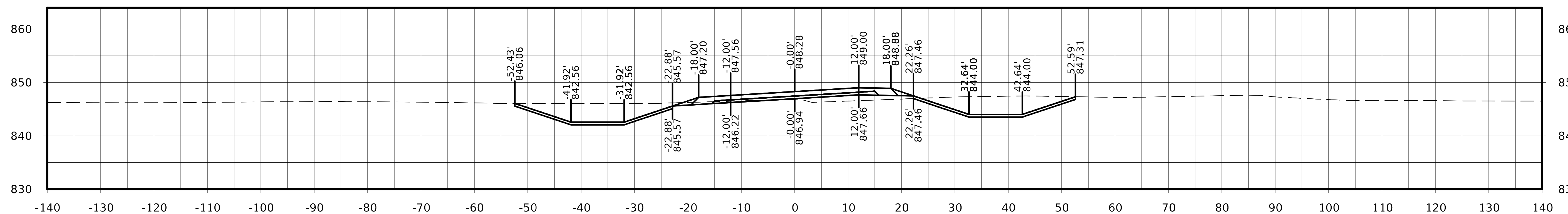
STA. 5022+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.497

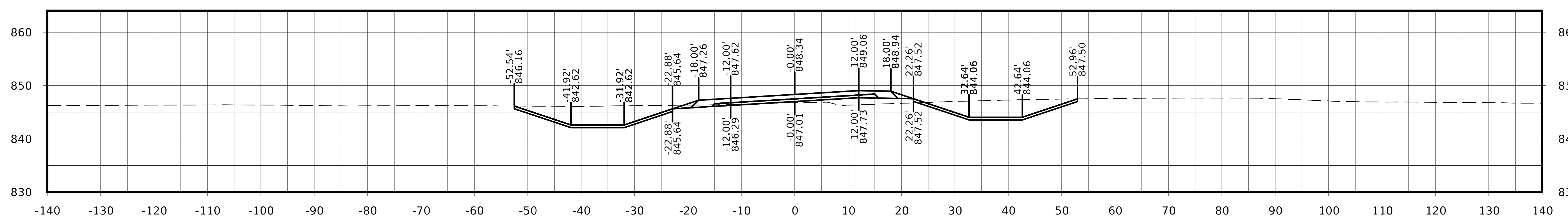
Old IA 163



STA. 5023+75.00



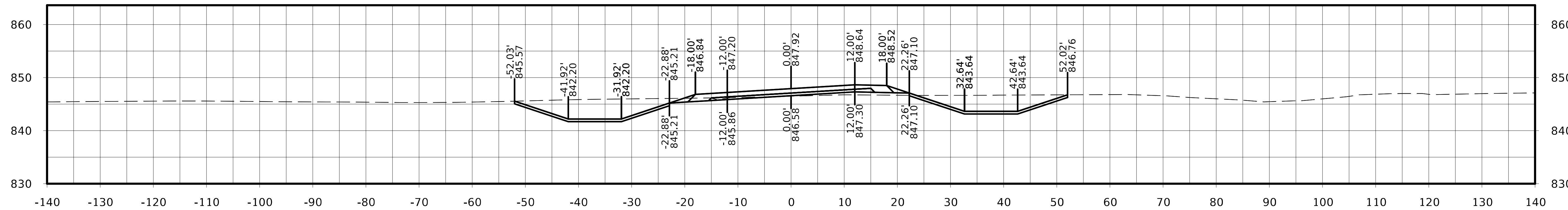
STA. 5023+50.00



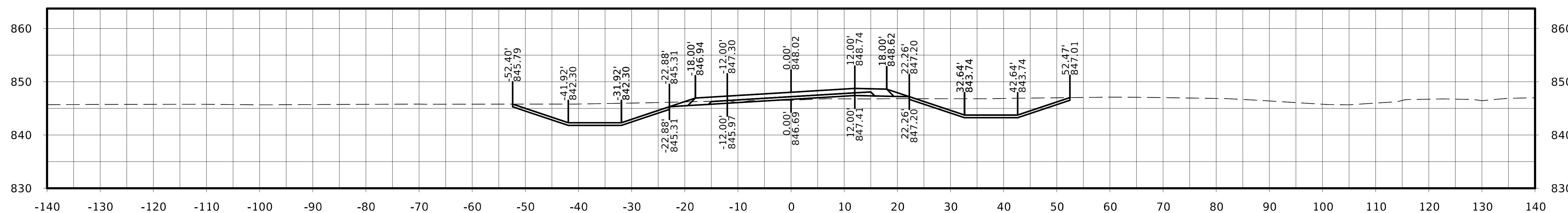
STA. 5023+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.498

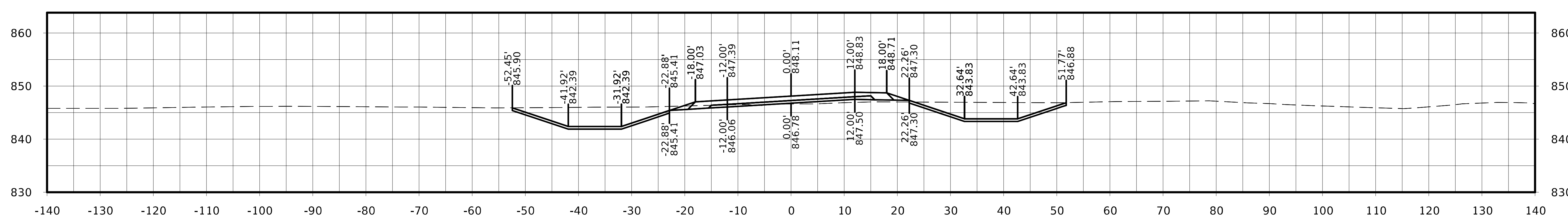
Old IA 163



STA. 5024+50.00



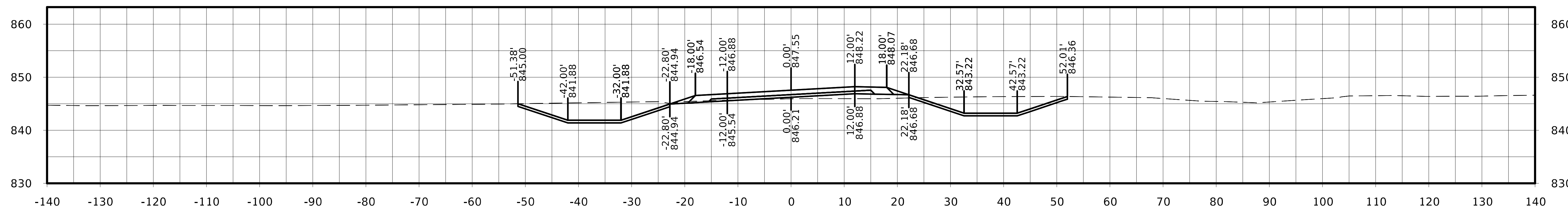
STA. 5024+25.00



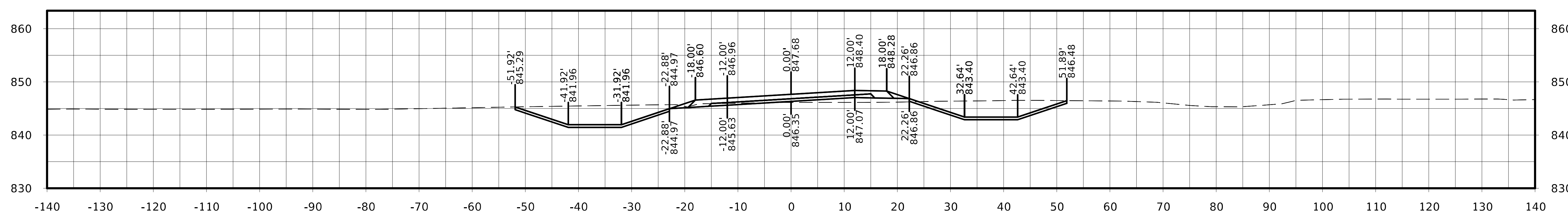
STA. 5024+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.499

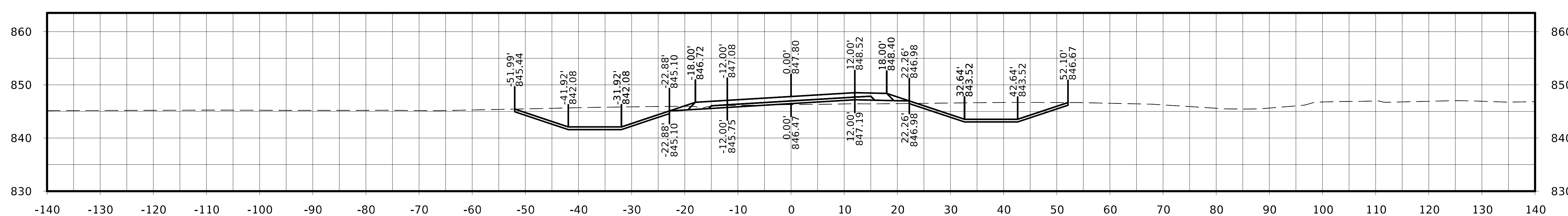
Old IA 163



STA. 5025+25.00



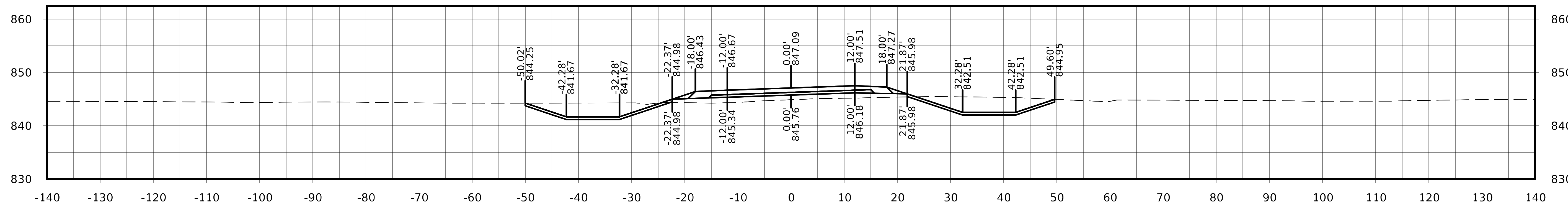
STA. 5025+00.00



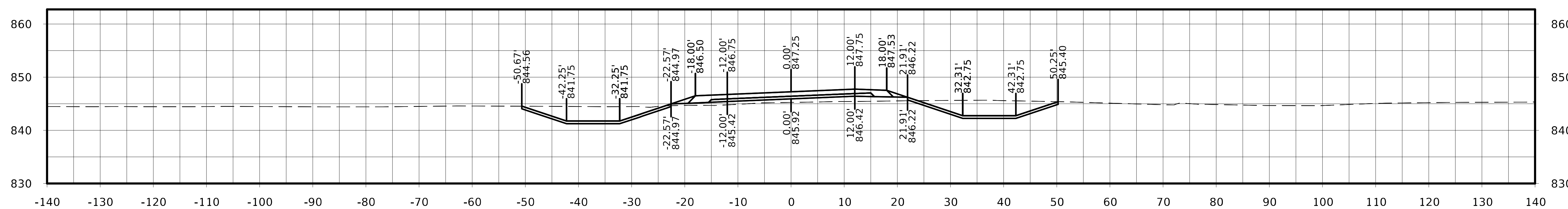
STA. 5024+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.500

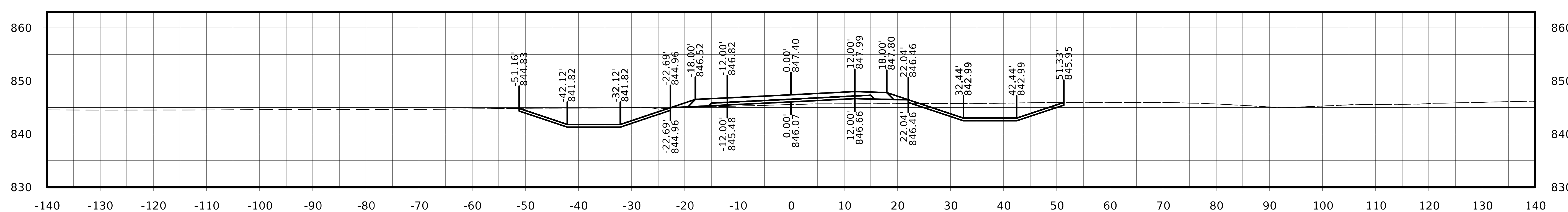
Old IA 163



STA. 5026+00.00



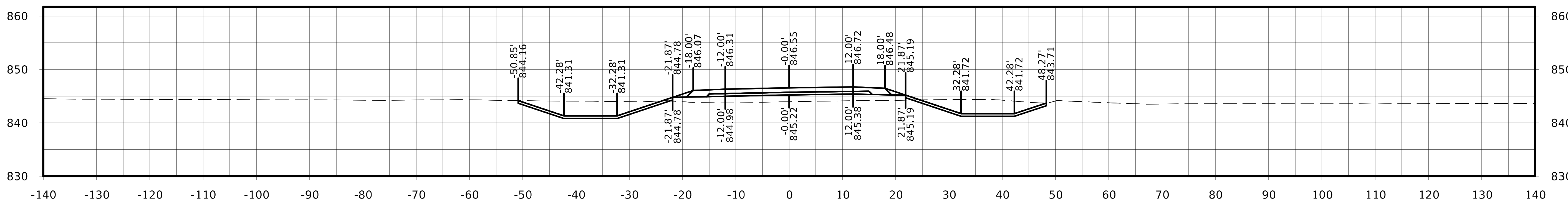
STA. 5025+75.00



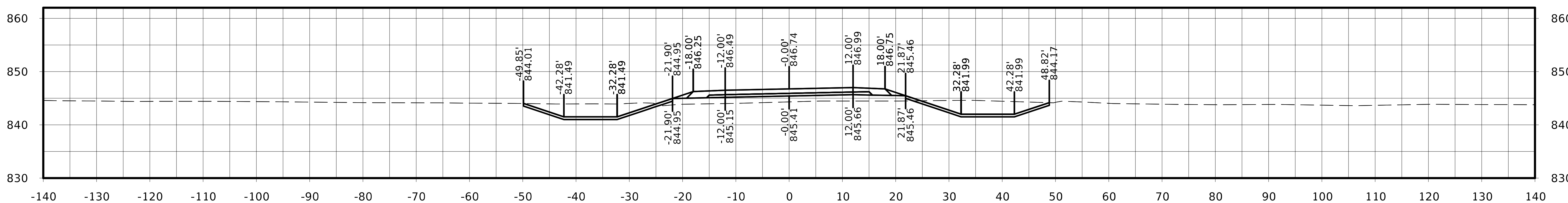
STA. 5025+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.501

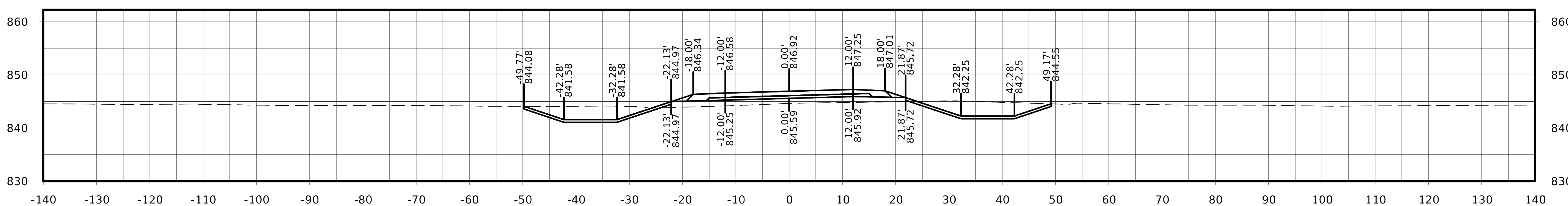
Old IA 163



STA. 5026+75.00



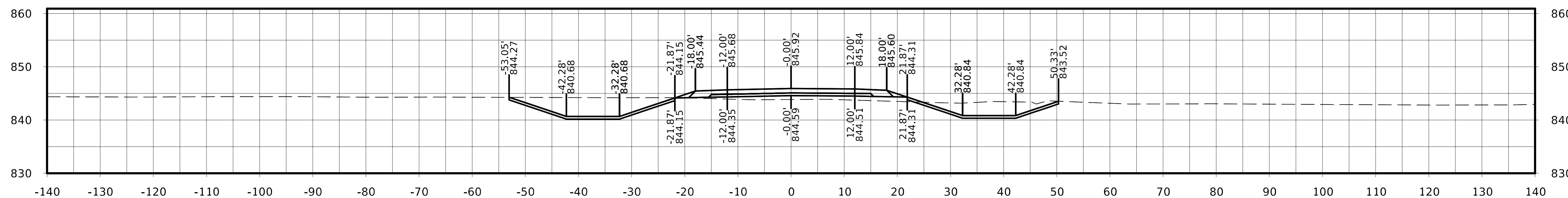
STA. 5026+50.00



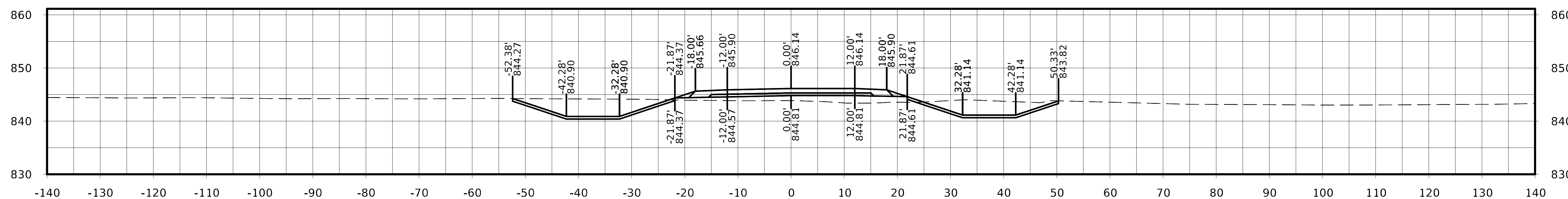
STA. 5026+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.502	

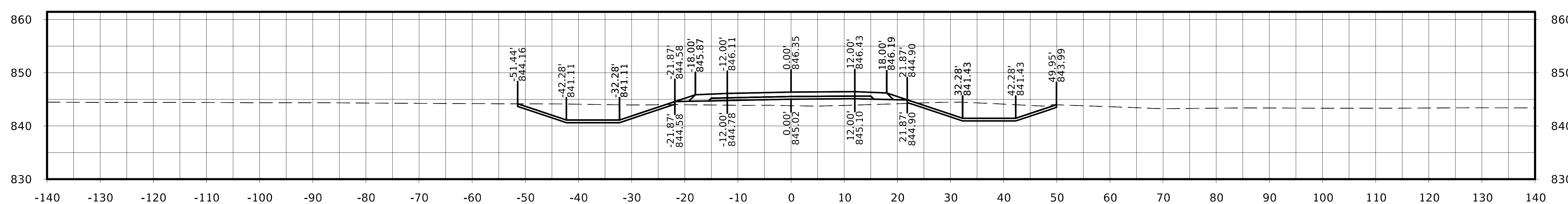
Old IA 163



STA. 5027+50.00



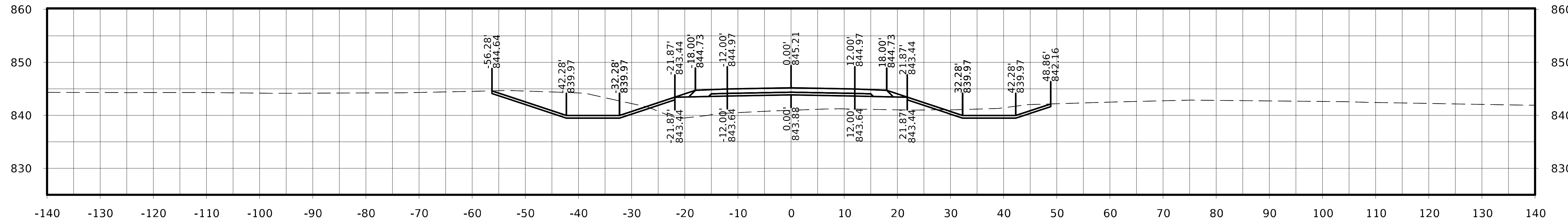
STA. 5027+25.00



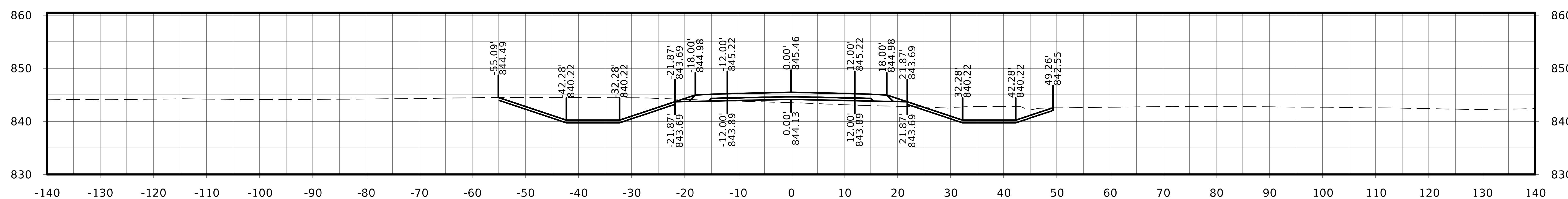
STA. 5027+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.503

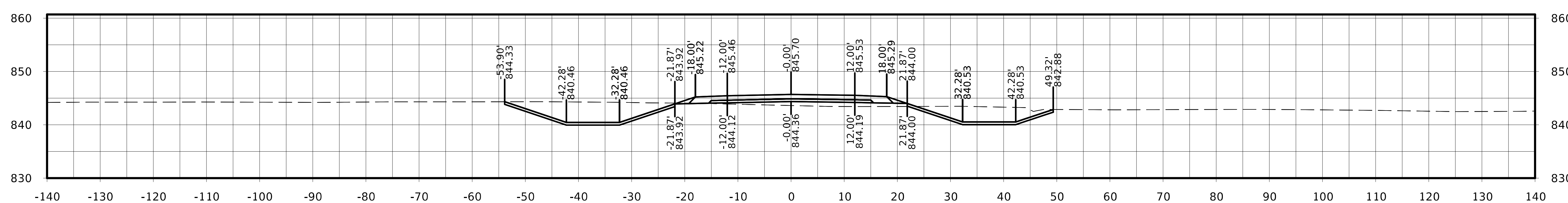
Old IA 163



STA. 5028+25.00



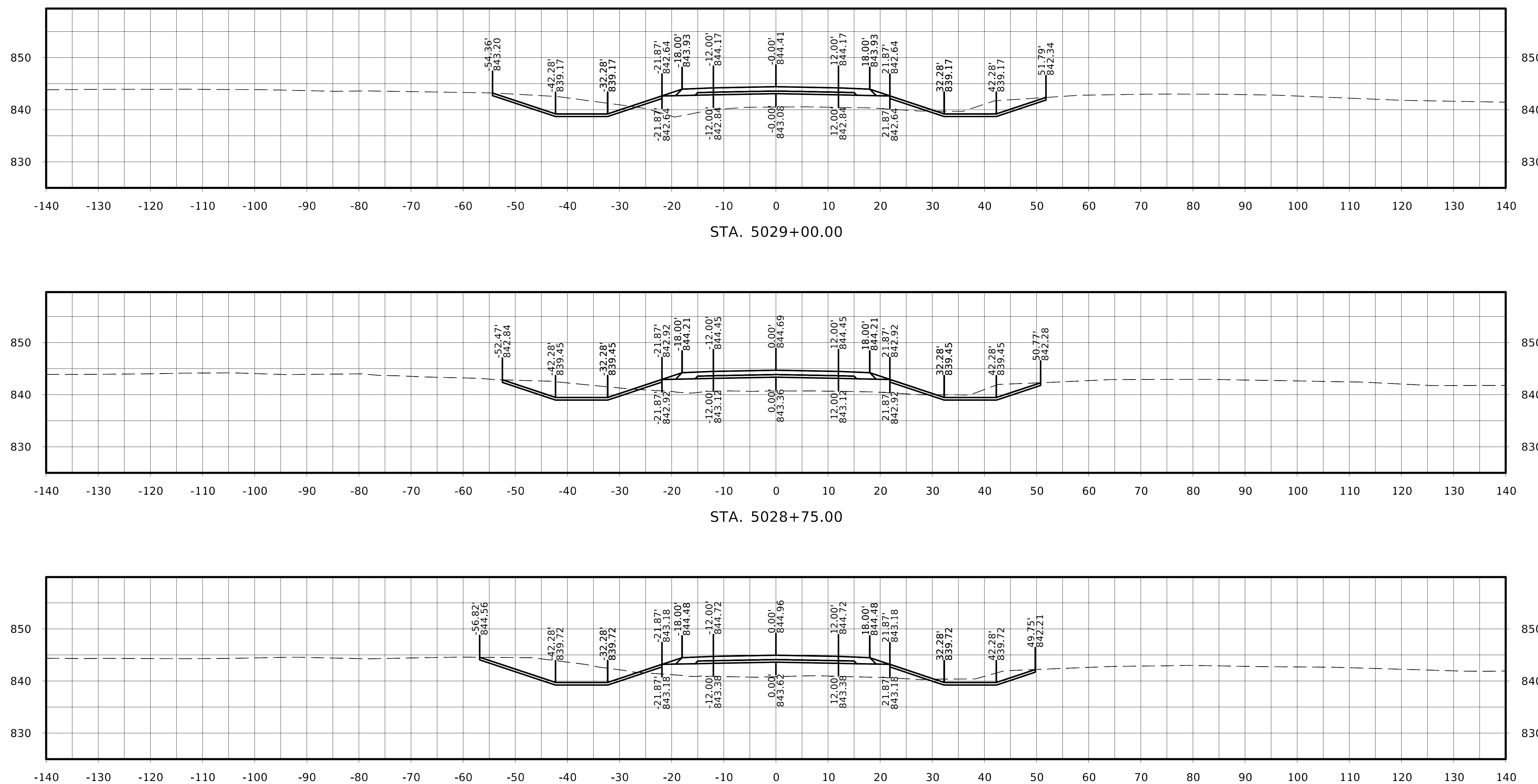
STA. 5028+00.00



STA. 5027+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER	W.504

Old IA 163



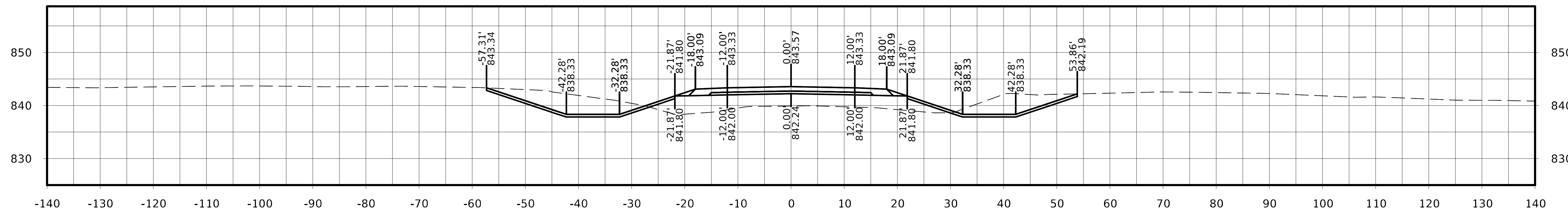
STA. 5029+00.00

STA. 5028+75.00

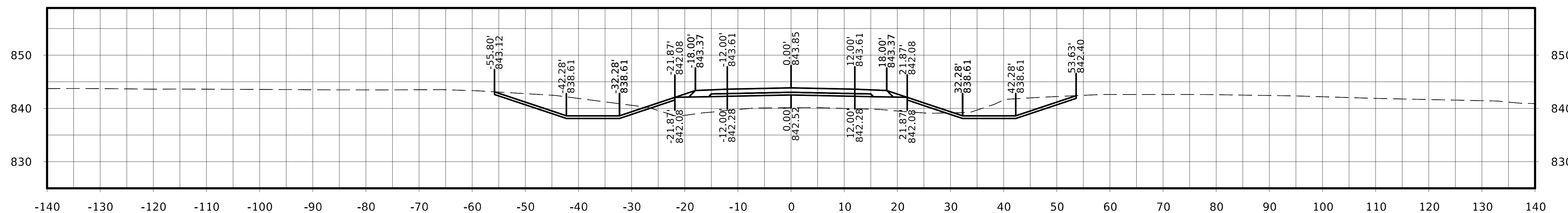
STA. 5028+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.505

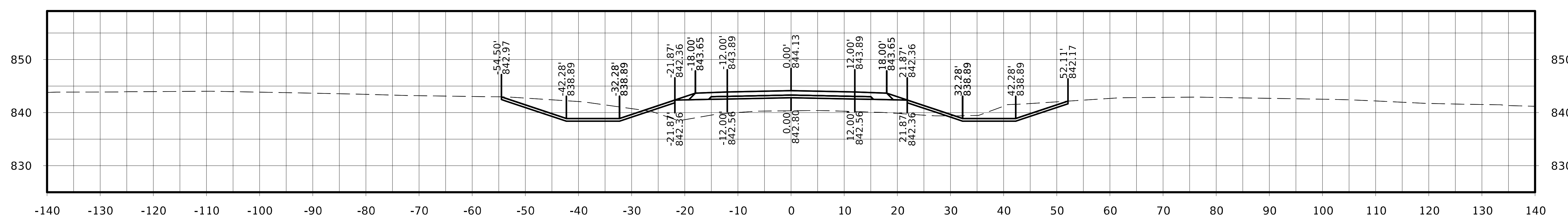
Old IA 163



STA. 5029+75.00

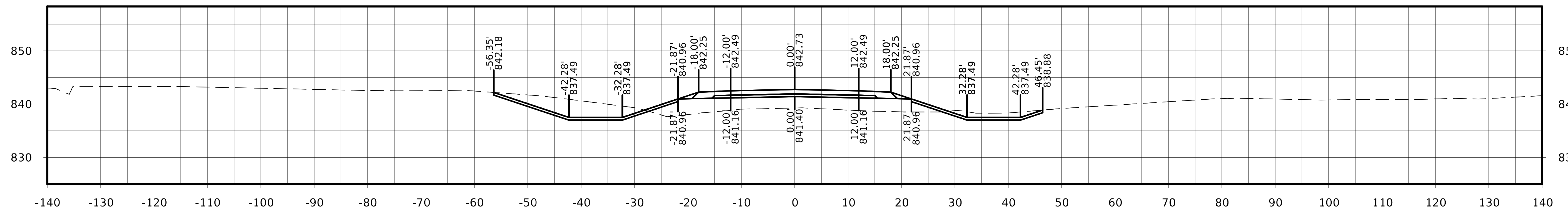


STA. 5029+50.00

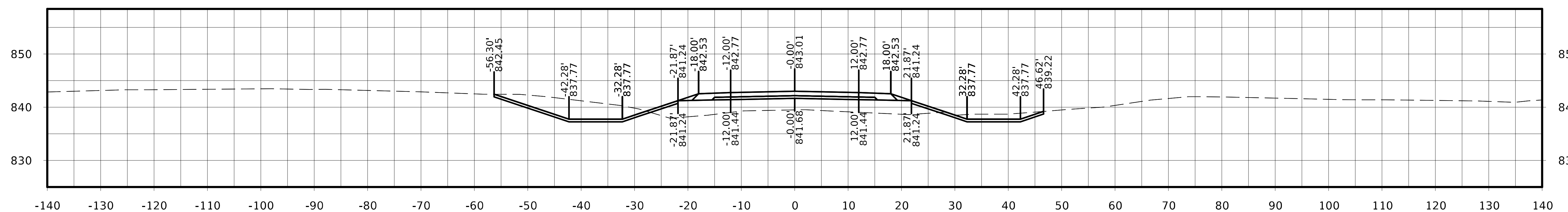


STA. 5029+25.00

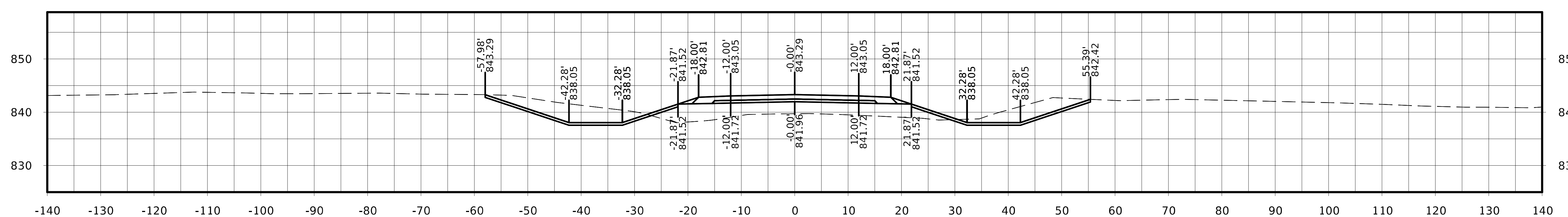
Old IA 163



STA. 5030+50.00



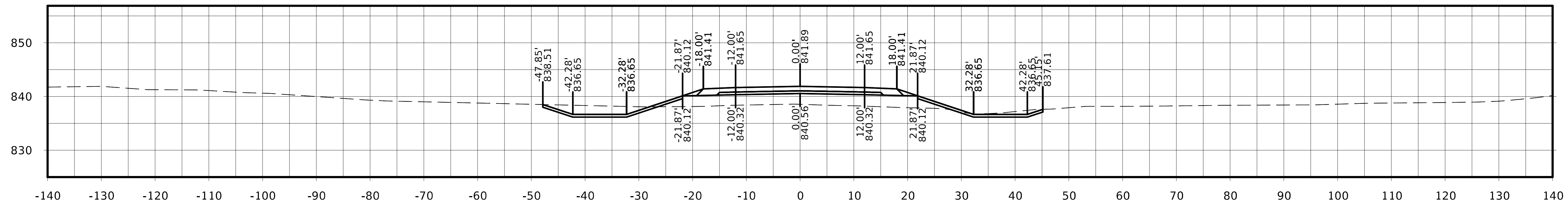
STA. 5030+25.00



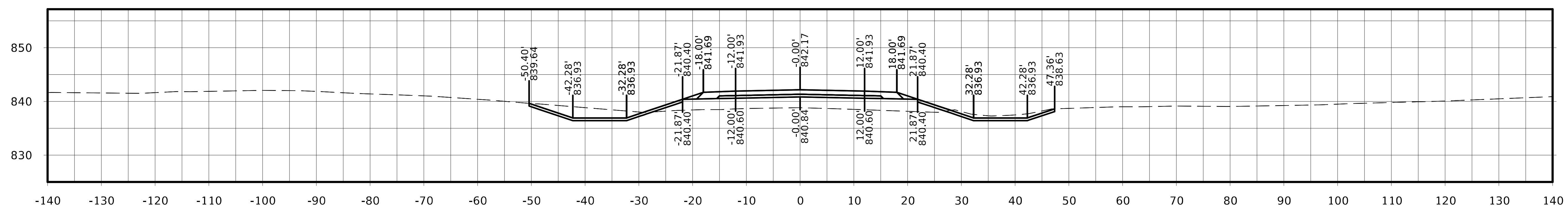
STA. 5030+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.507

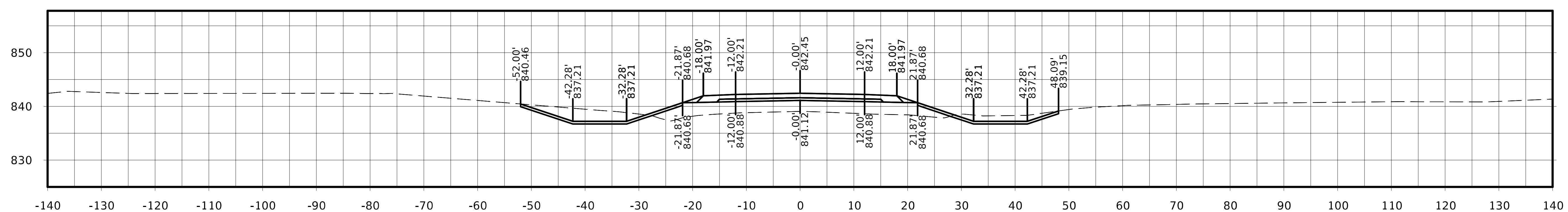
Old IA 163



STA. 5031+25.00

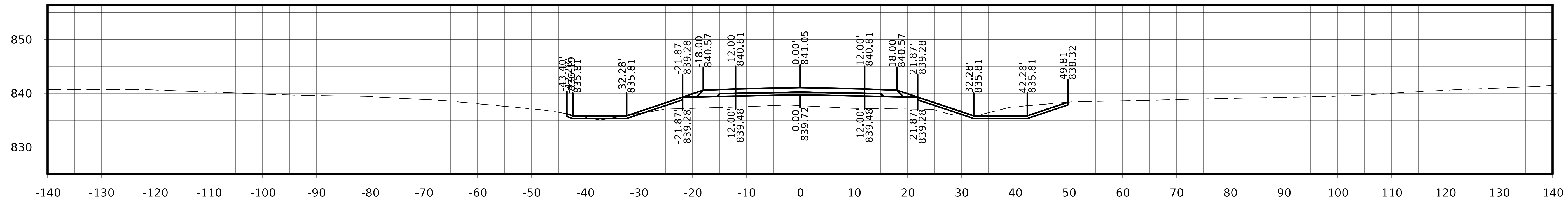


STA. 5031+00.00

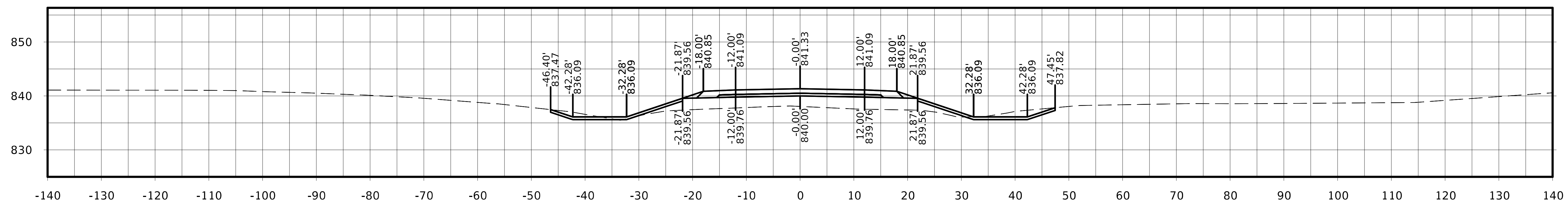


STA. 5030+75.00

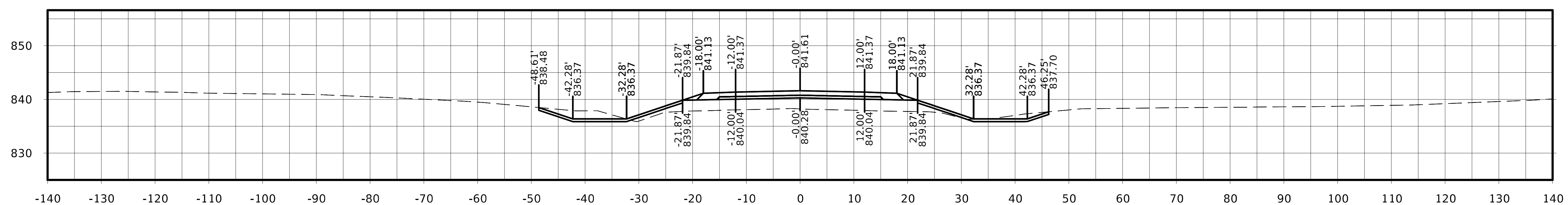
Old IA 163



STA. 5032+00.00



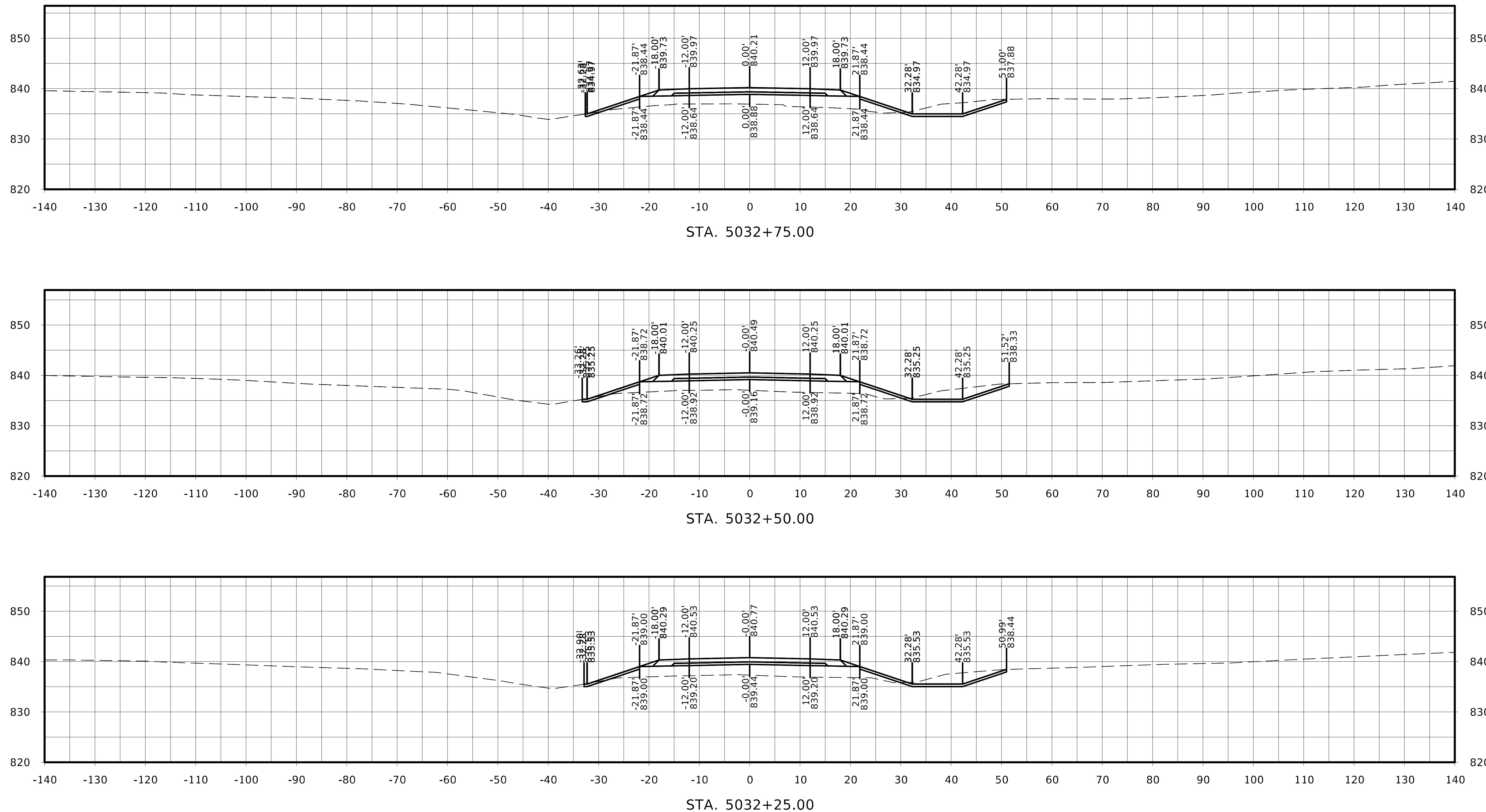
STA. 5031+75.00



STA. 5031+50.00

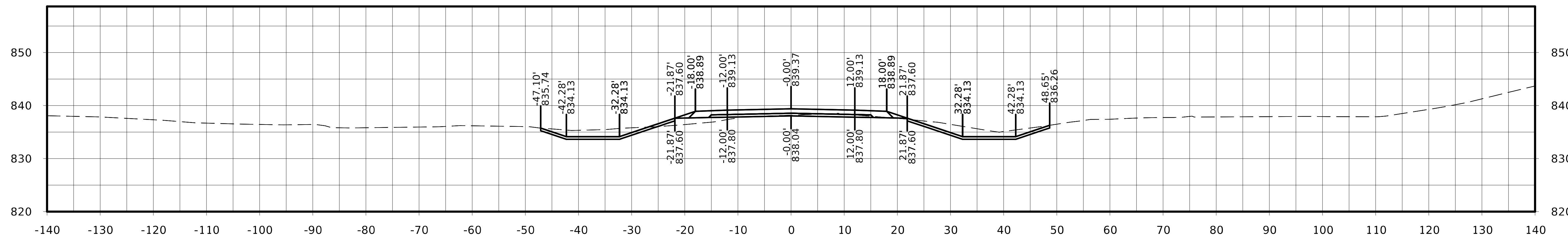
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.509

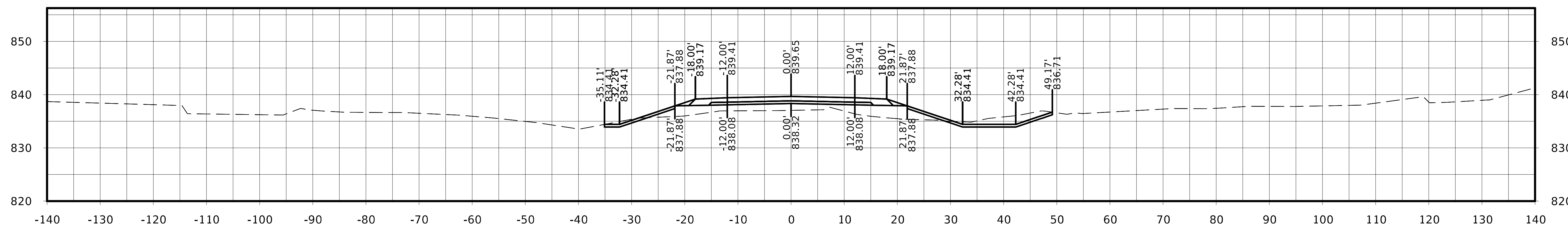
Old IA 163

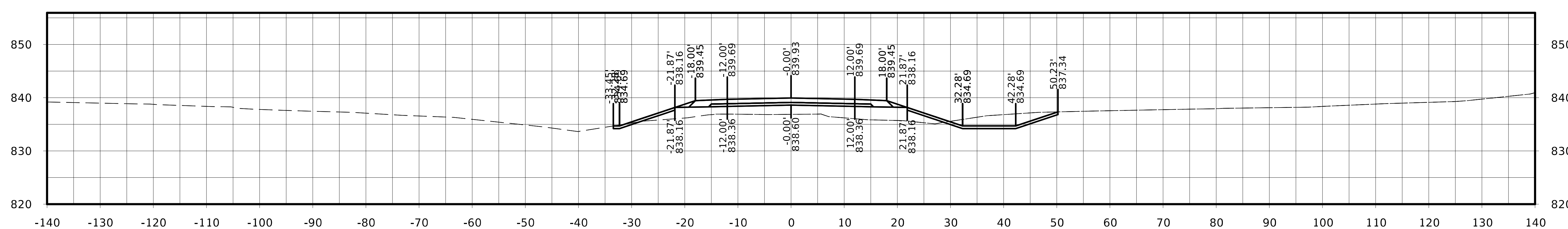


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.510

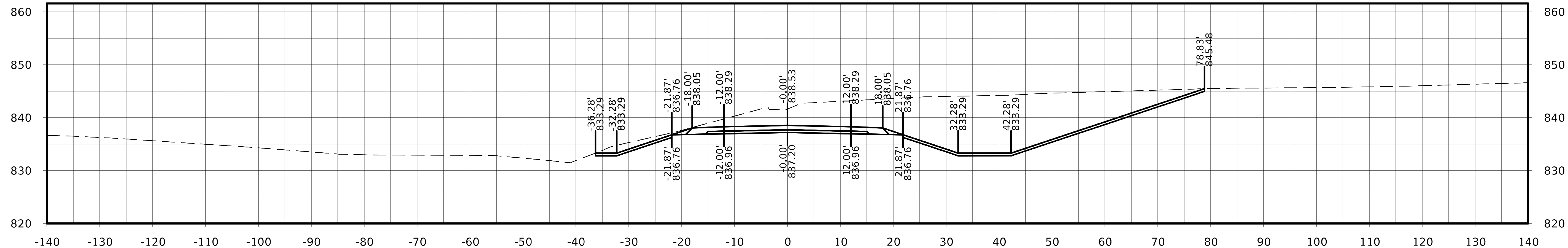
Old IA 163



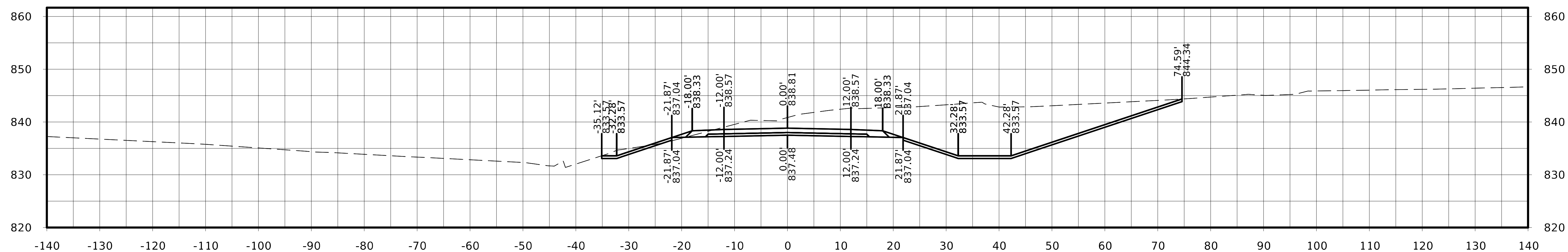




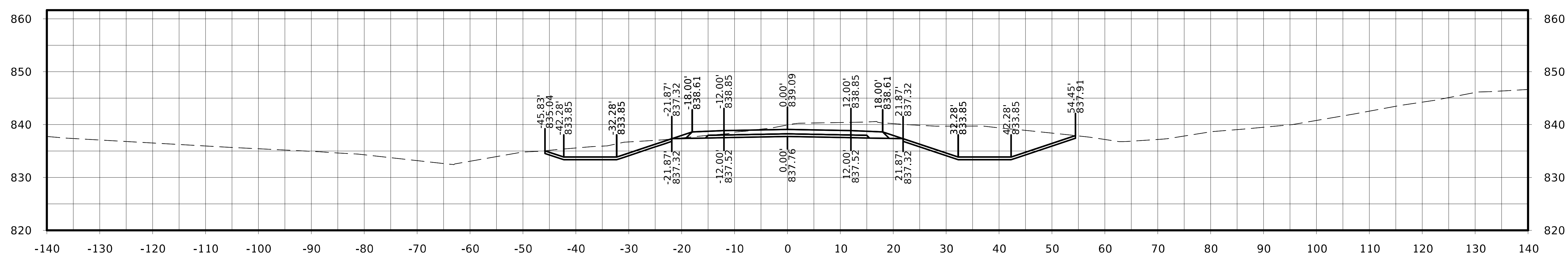
Old IA 163



STA. 5034+25.00



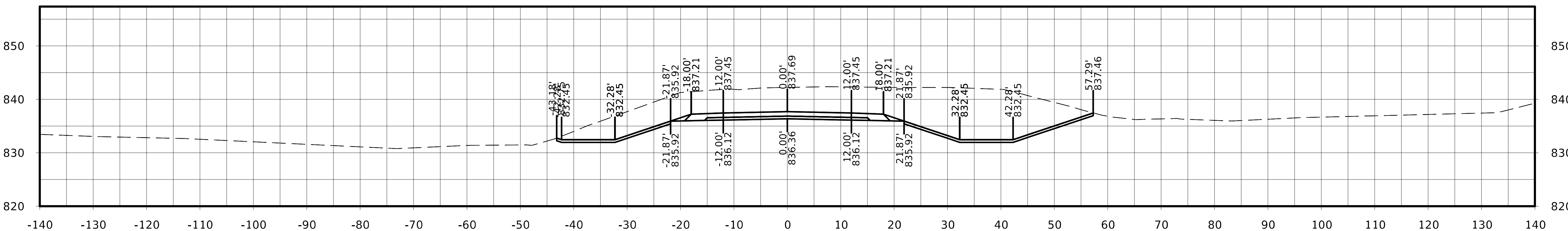
STA. 5034+00.00



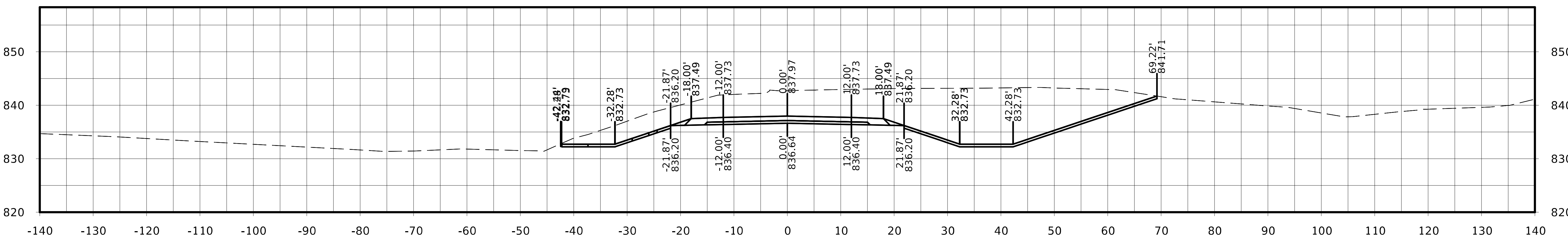
STA. 5033+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.512

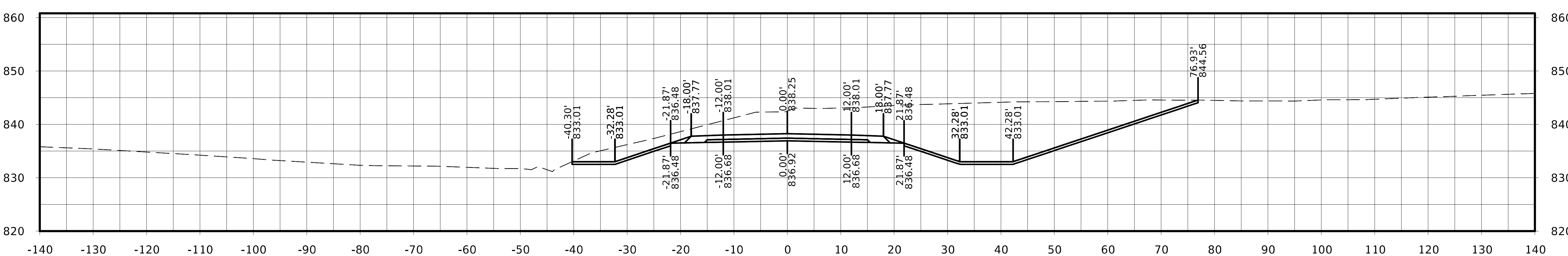
Old IA 163



STA. 5035+00.00



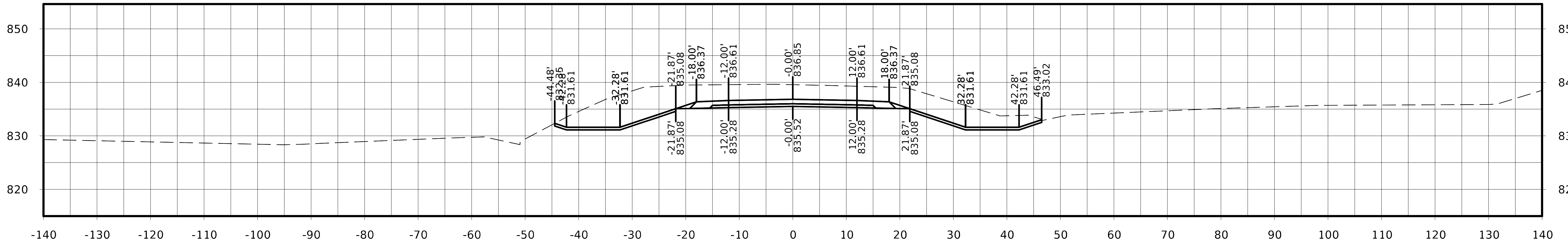
STA. 5034+75.00



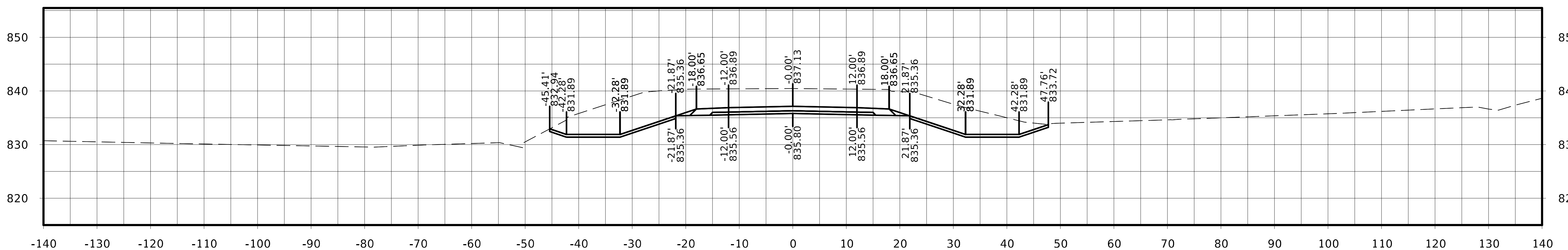
STA. 5034+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.513

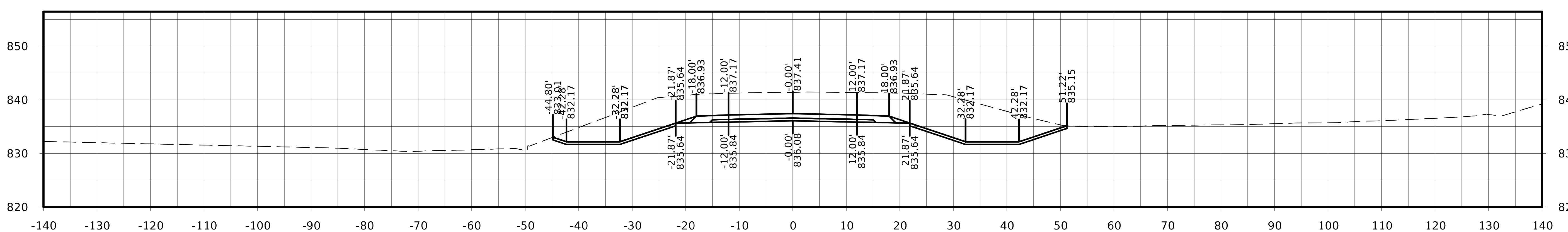
Old IA 163



STA. 5035+75.00

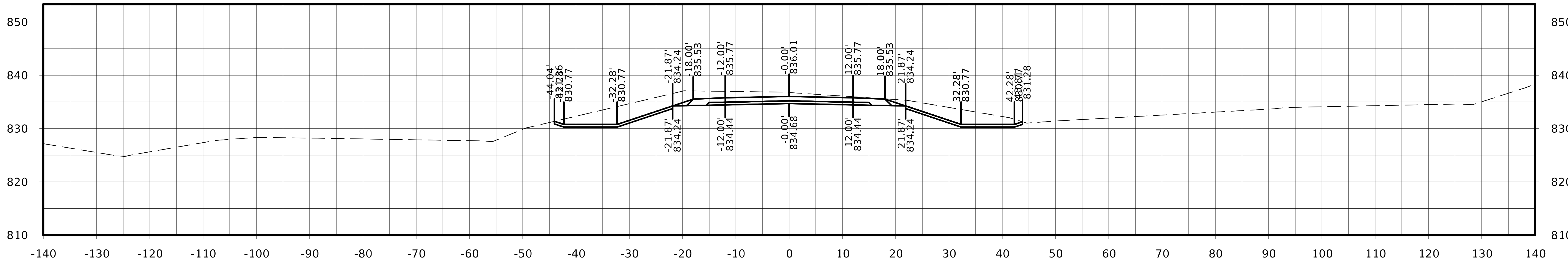


STA. 5035+50.00

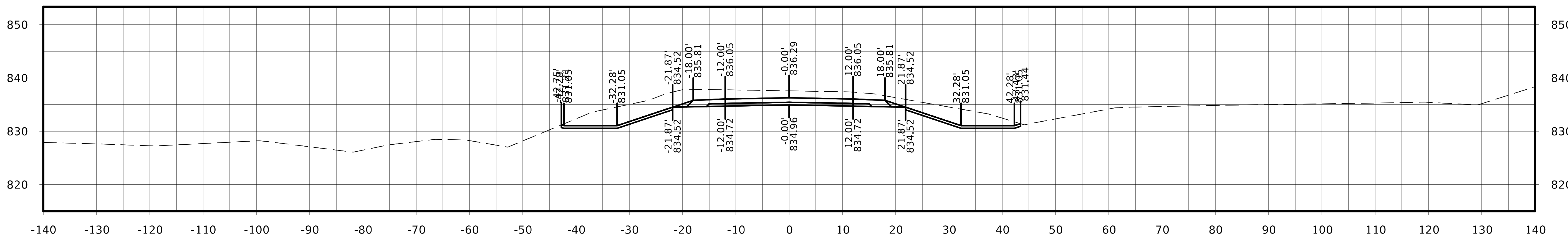


STA. 5035+25.00

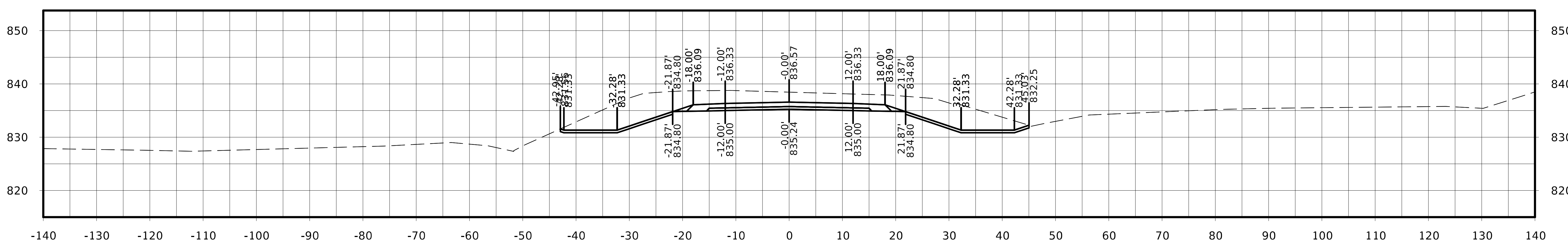
Old IA 163



STA. 5036+50.00

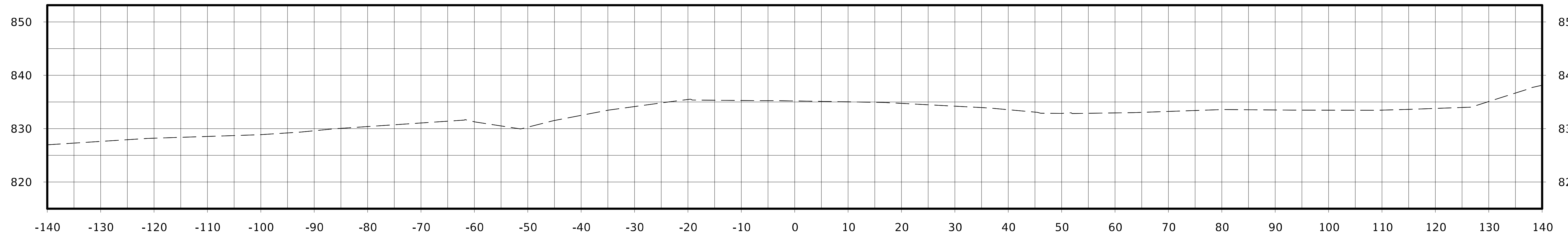


STA. 5036+25.00

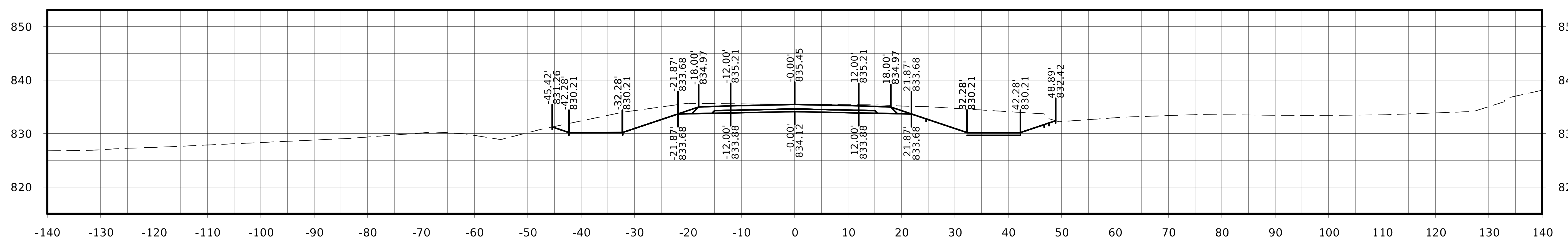


STA. 5036+00.00

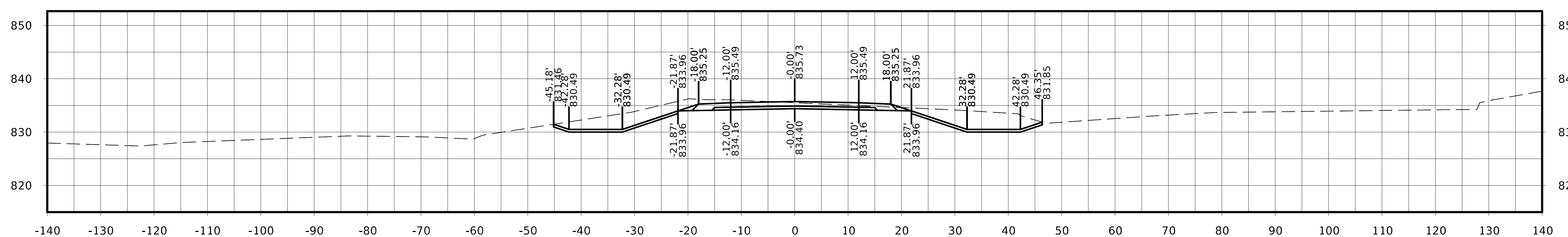
Old IA 163



STA. 5037+25.00



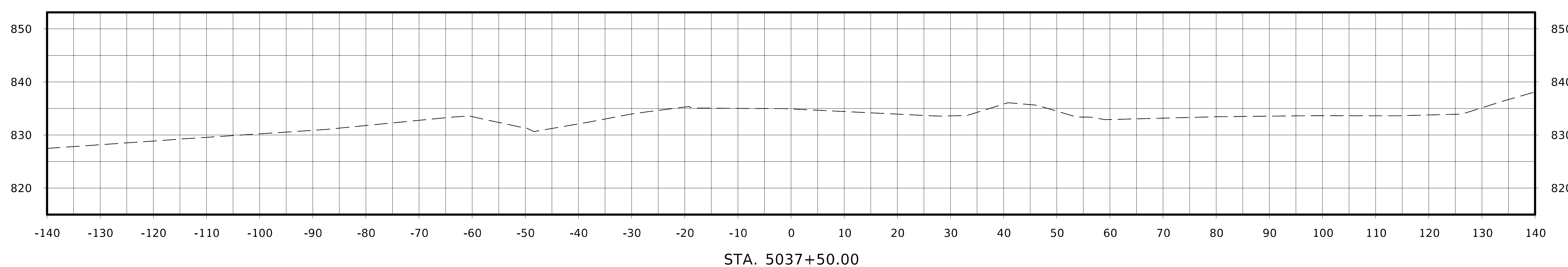
STA. 5037+00.00



STA. 5036+75.00

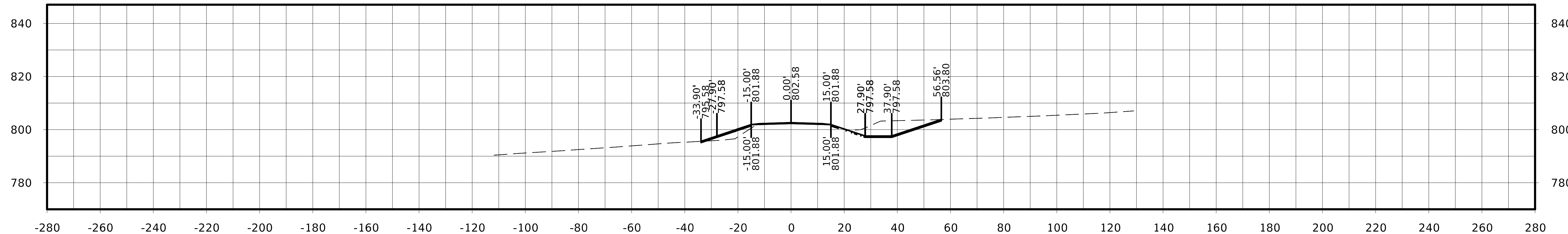
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.516

Old IA 163

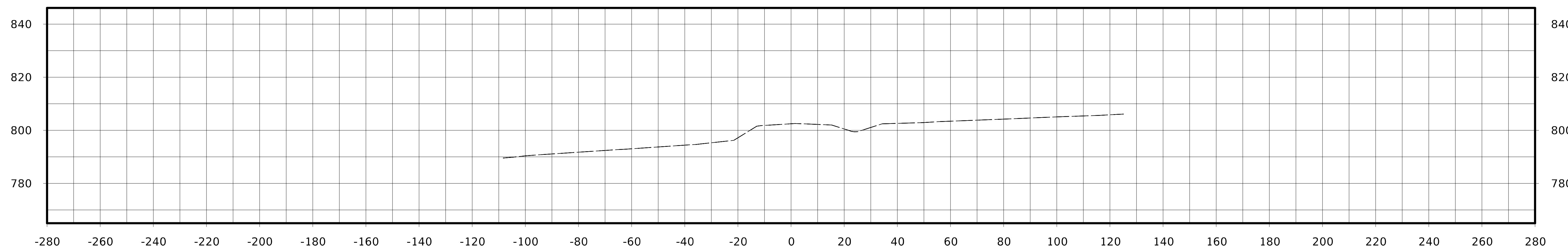


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.517

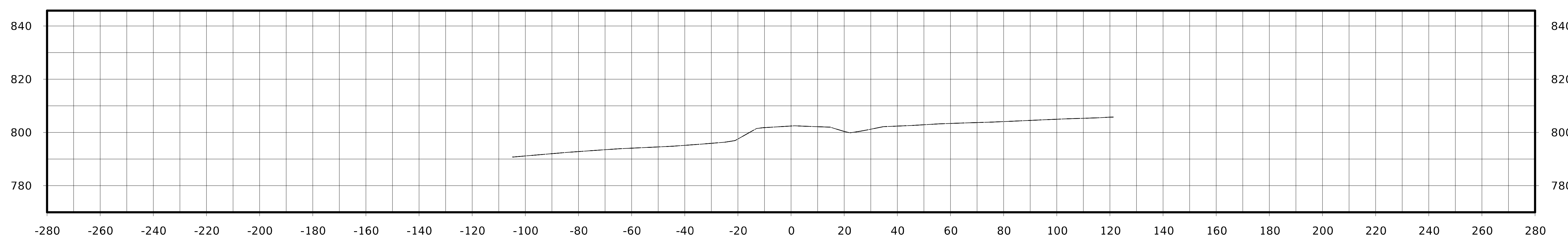
Kirby Ave.



STA. 6000+50.00



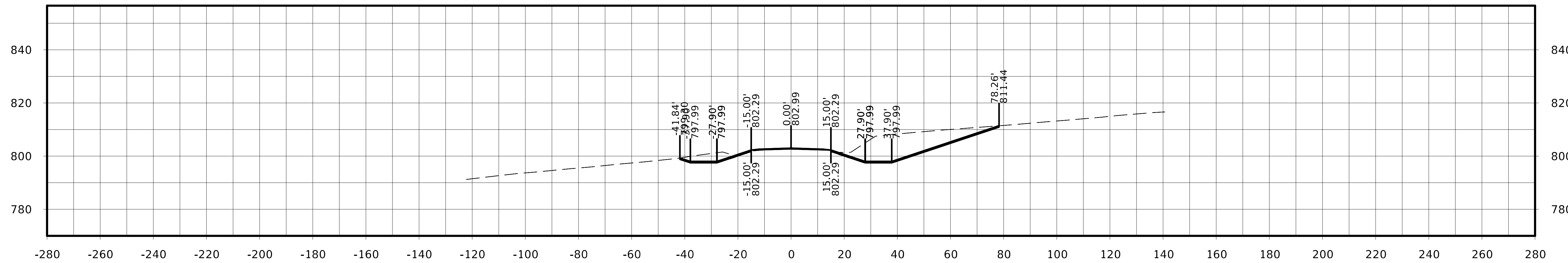
STA. 6000+25.00



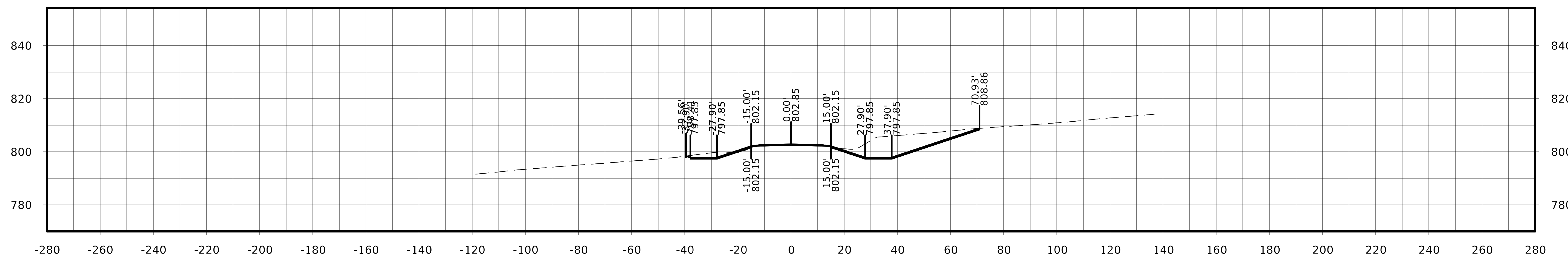
STA. 6000+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.518

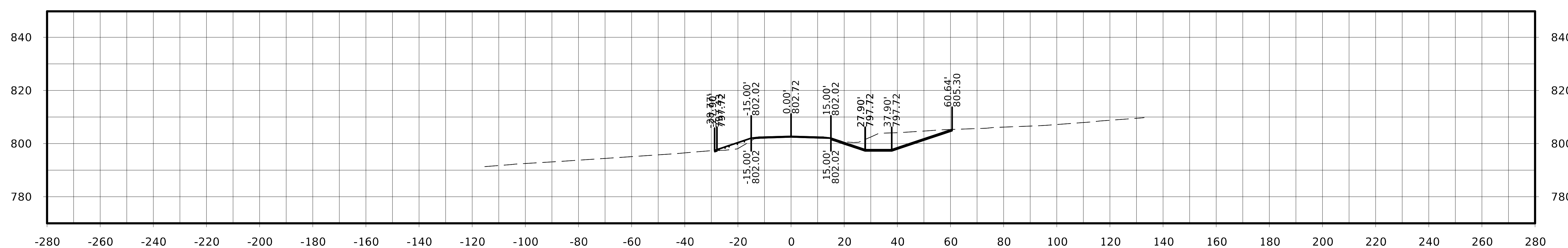
Kirby Ave.



STA. 6001+25.00

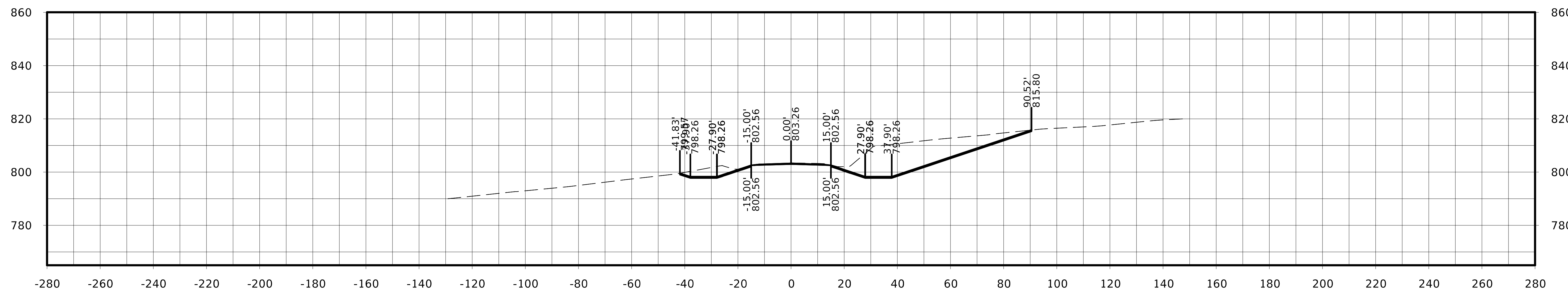


STA. 6001+00.00

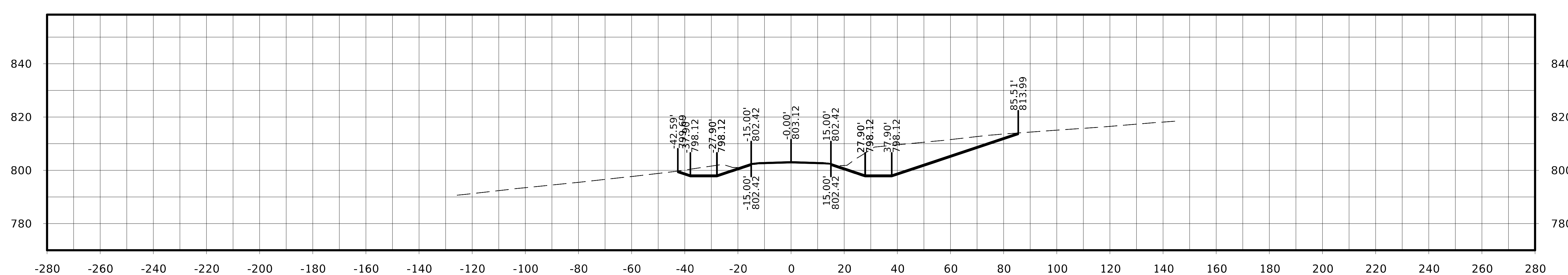


STA. 6000+75.00

Kirby Ave.



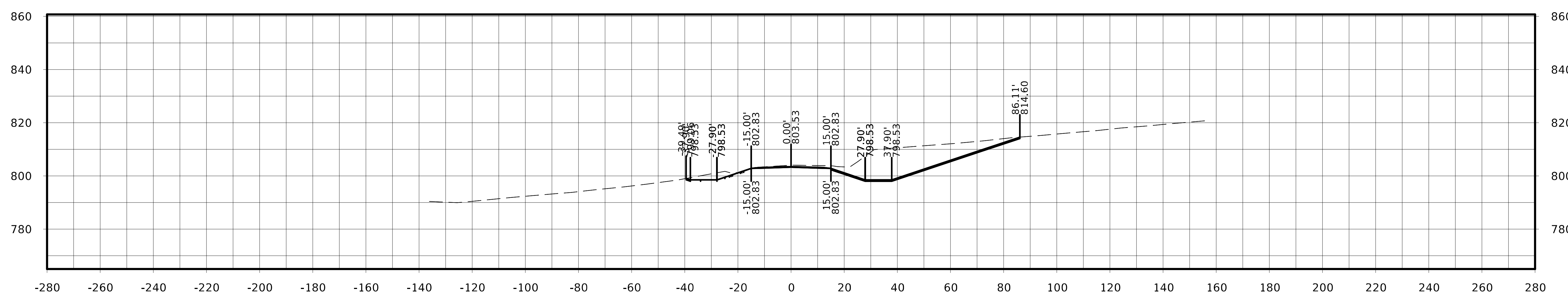
STA. 6001+75.00



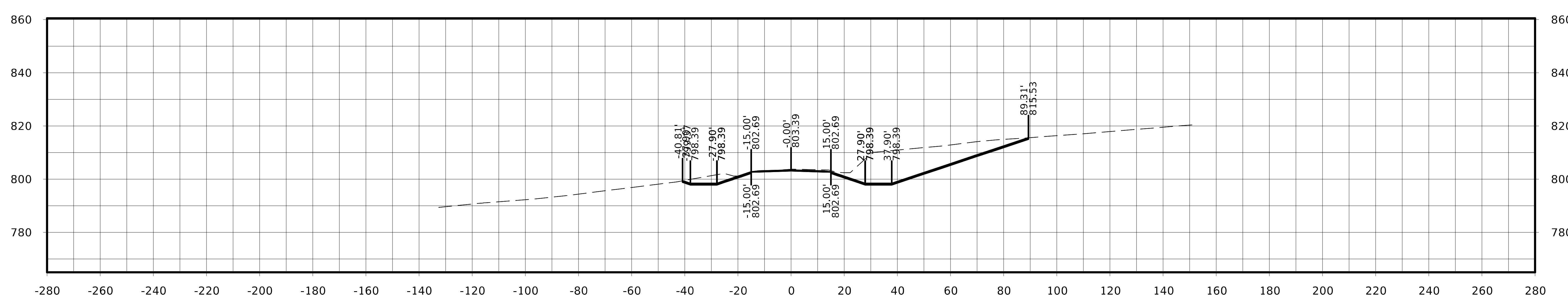
STA. 6001+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.520

Kirby Ave.



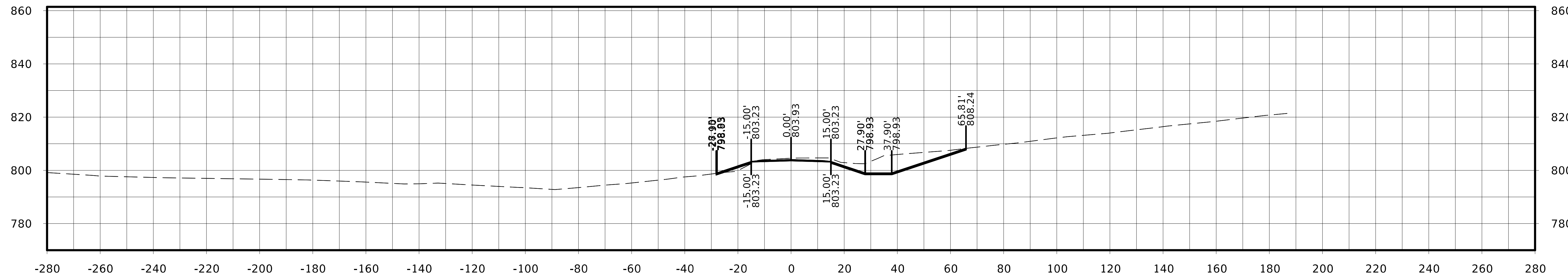
STA. 6002+25.00



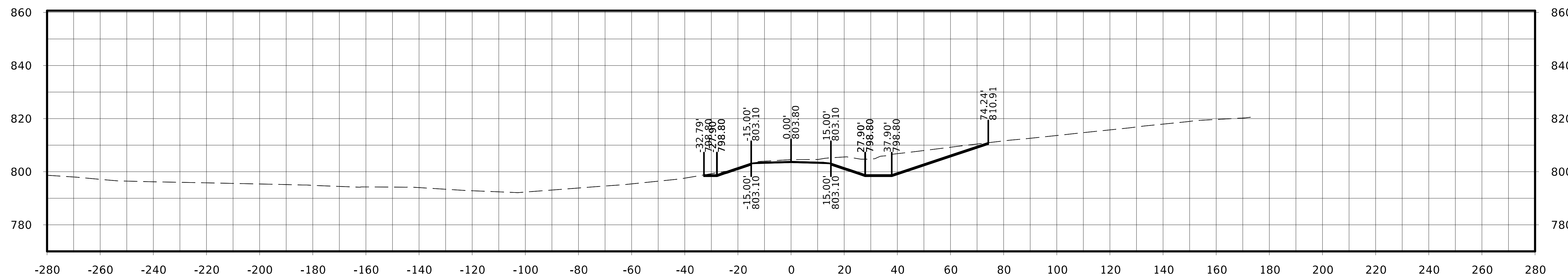
STA. 6002+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.521

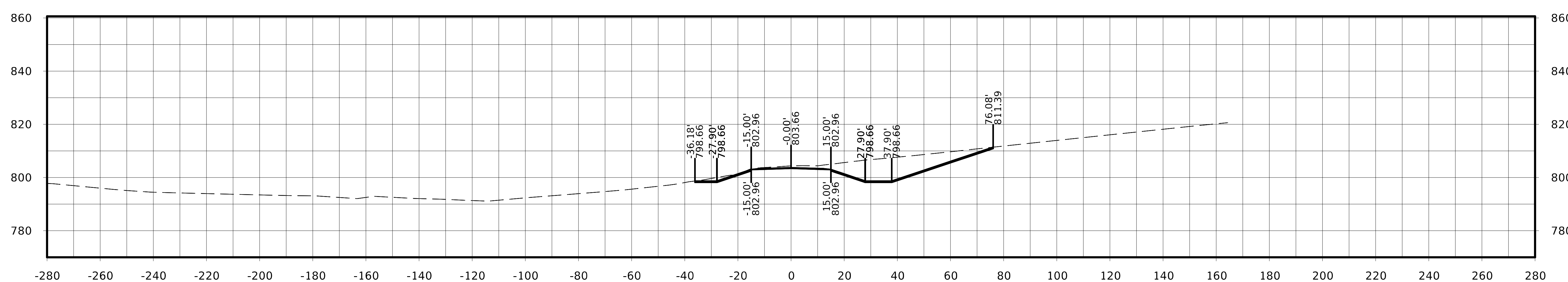
Kirby Ave.



STA. 6003+00.00



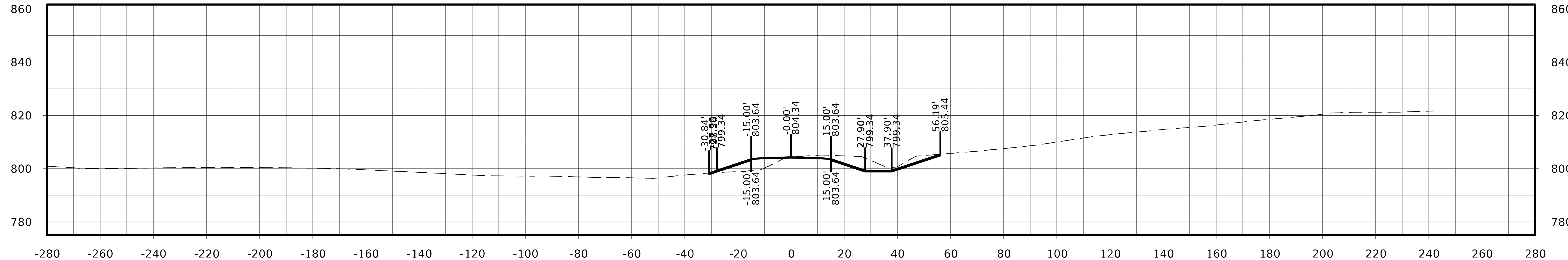
STA. 6002+75.00



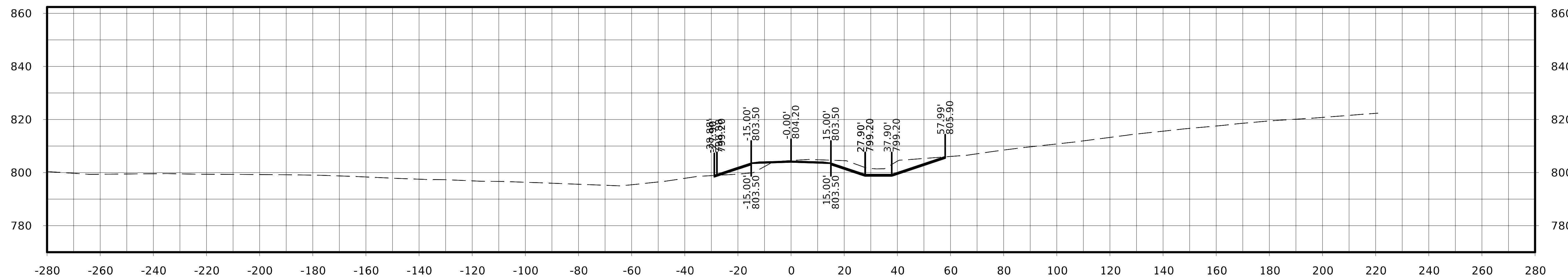
STA. 6002+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.522

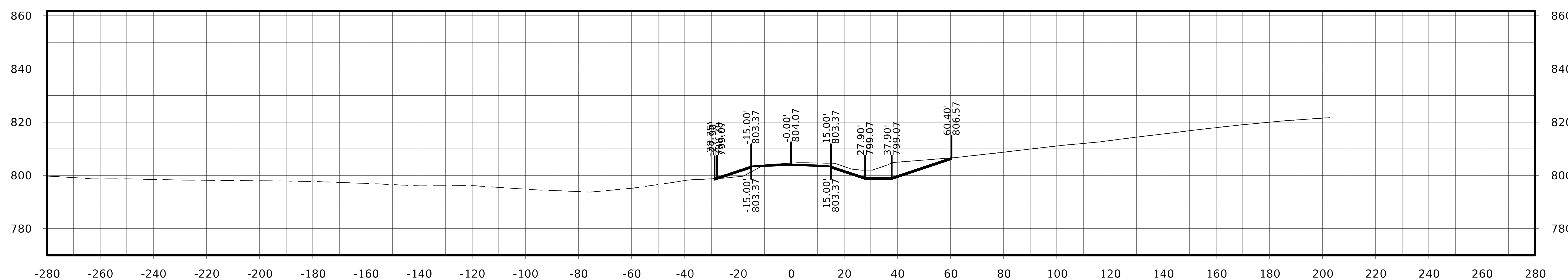
Kirby Ave.



STA. 6003+75.00



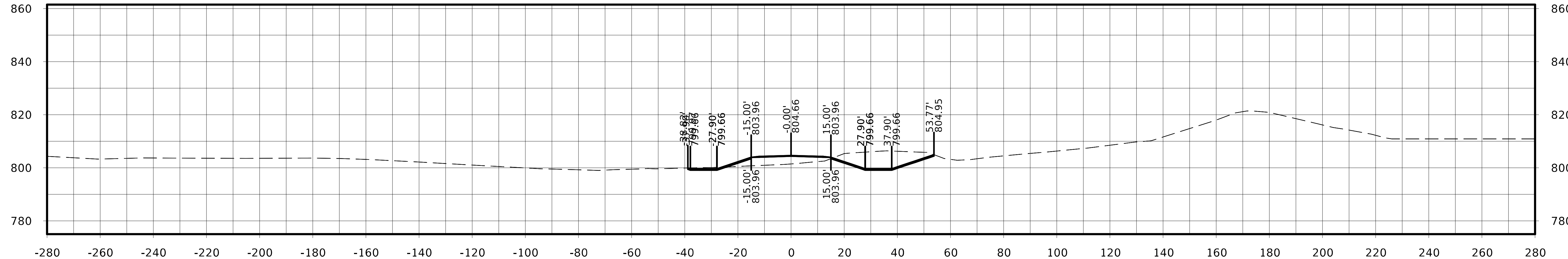
STA. 6003+50.00



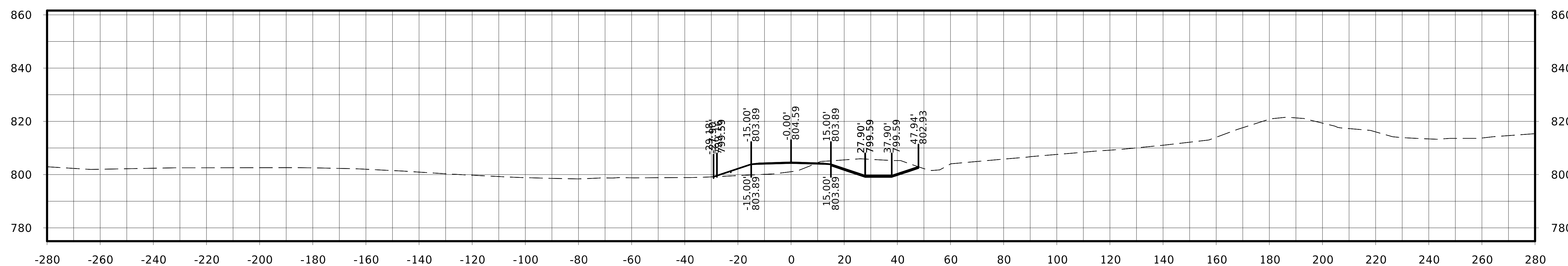
STA. 6003+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.523

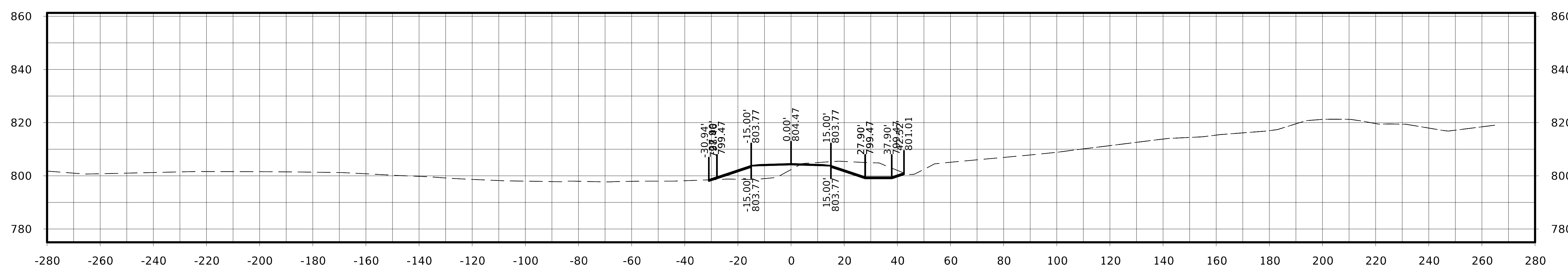
Kirby Ave.



STA. 6004+50.00



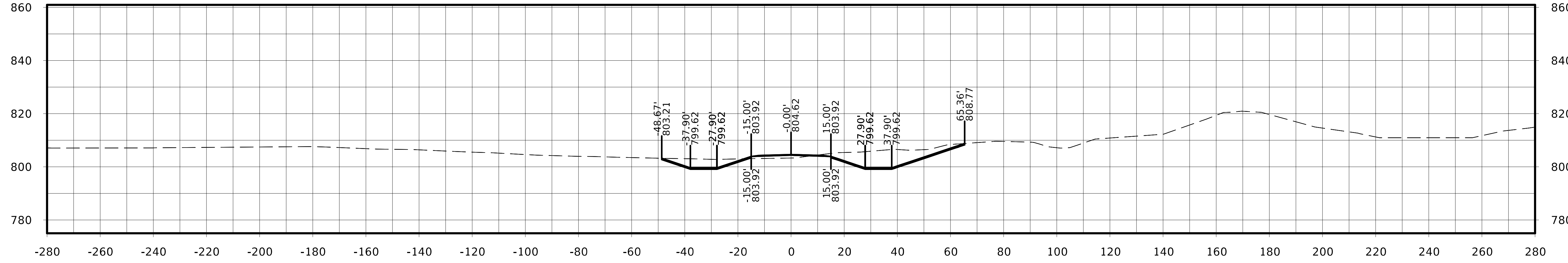
STA. 6004+25.00



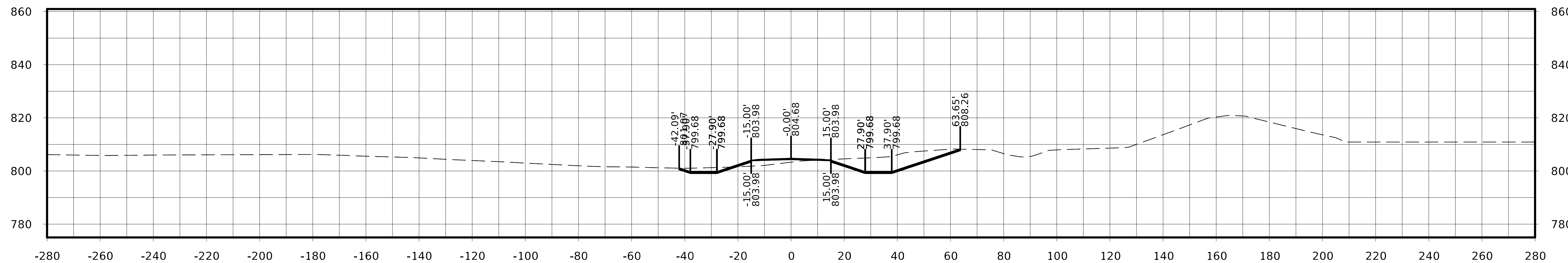
STA. 6004+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.524

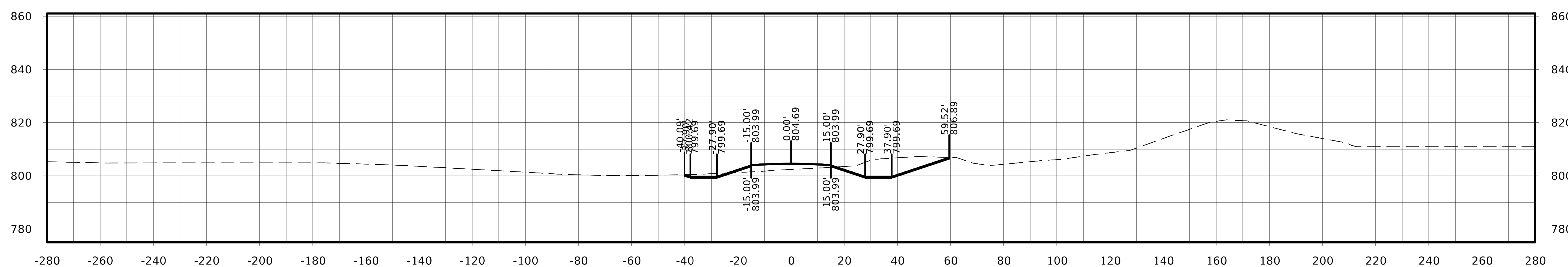
Kirby Ave.



STA. 6005+25.00



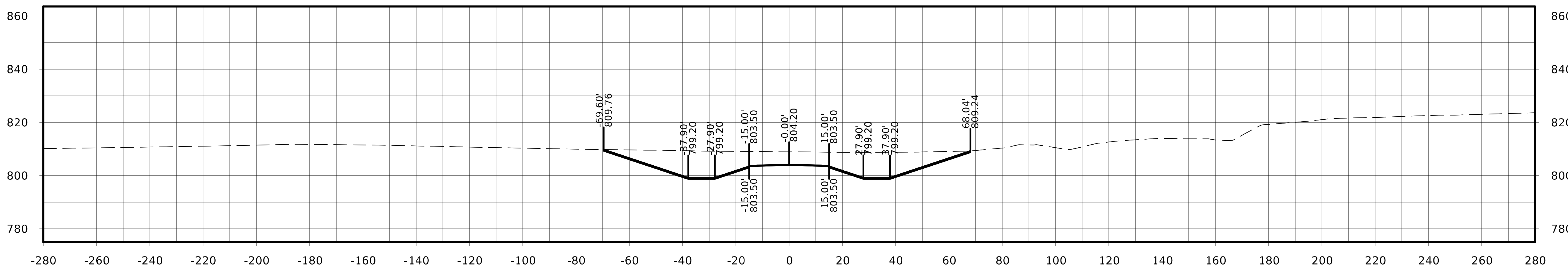
STA. 6005+00.00



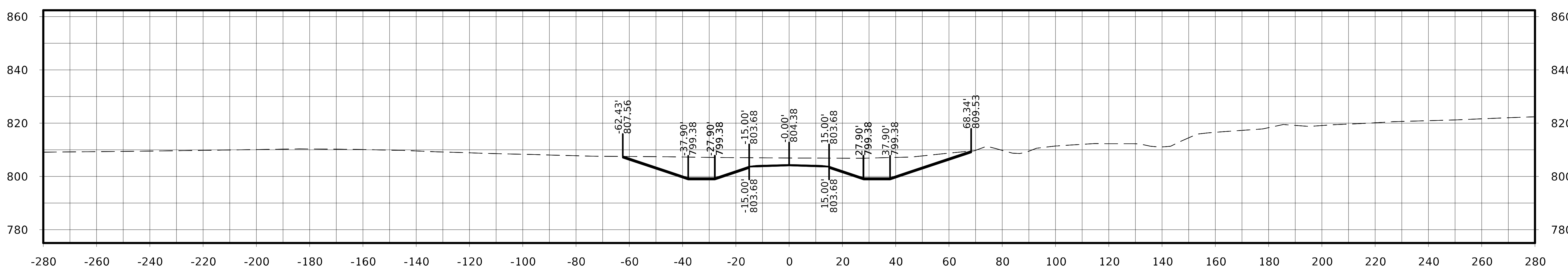
STA. 6004+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.525

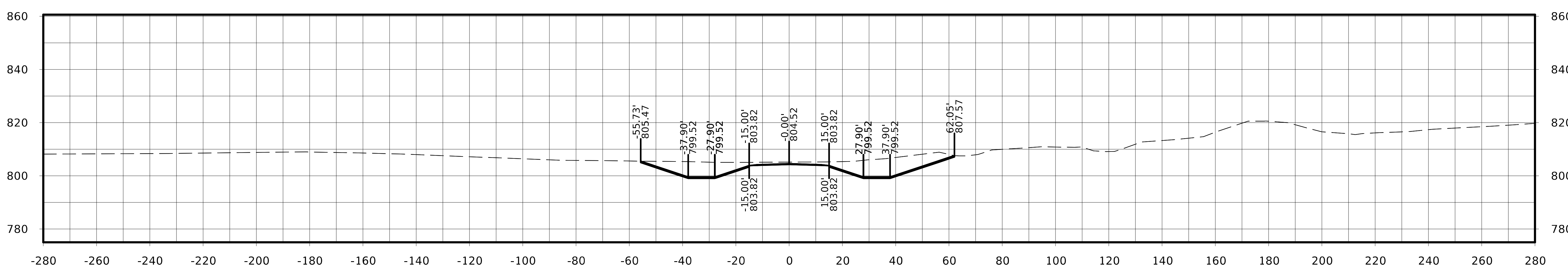
Kirby Ave.



STA. 6006+00.00



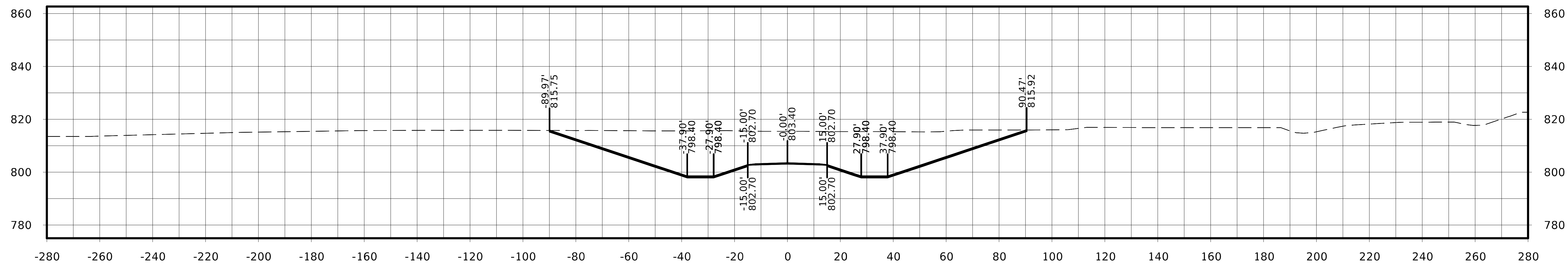
STA. 6005+75.00



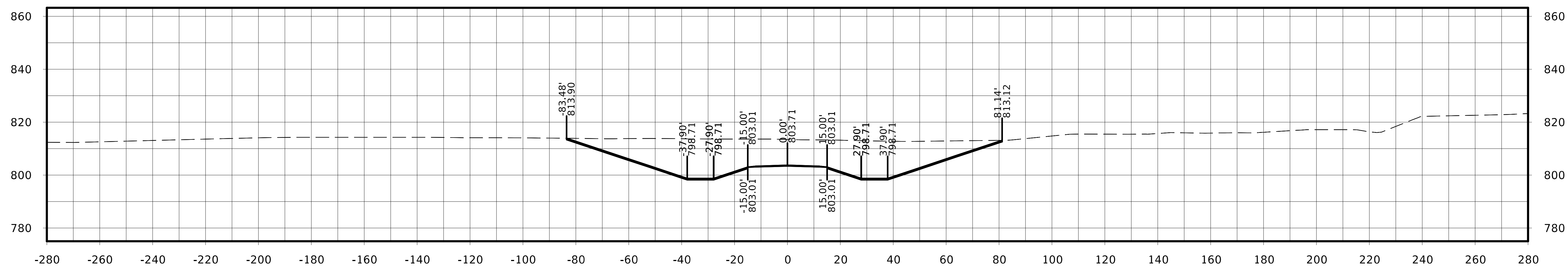
STA. 6005+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.526

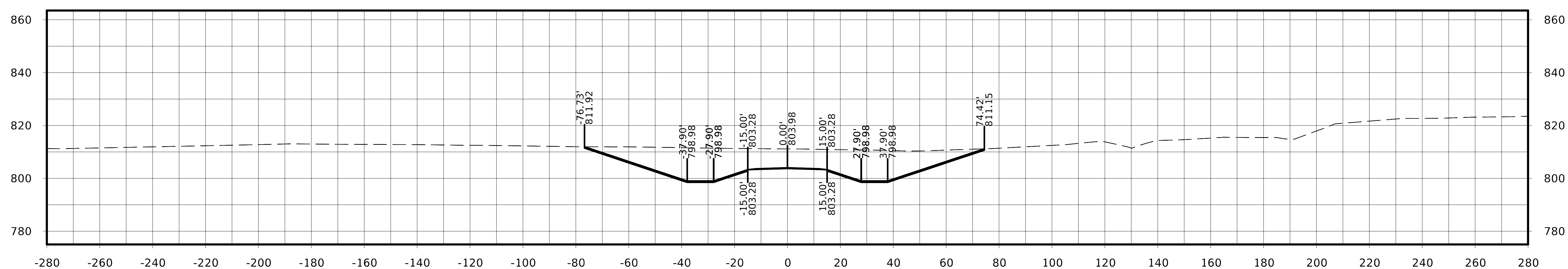
Kirby Ave.



STA. 6006+75.00



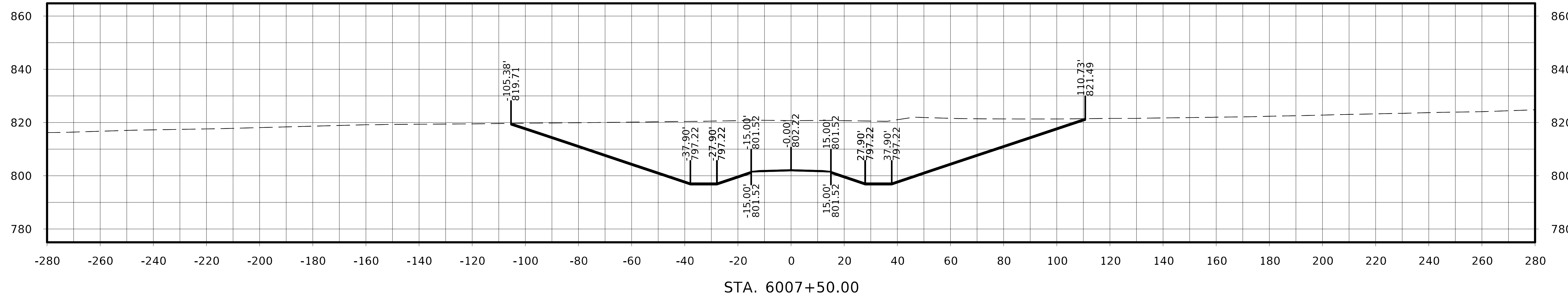
STA. 6006+50.00



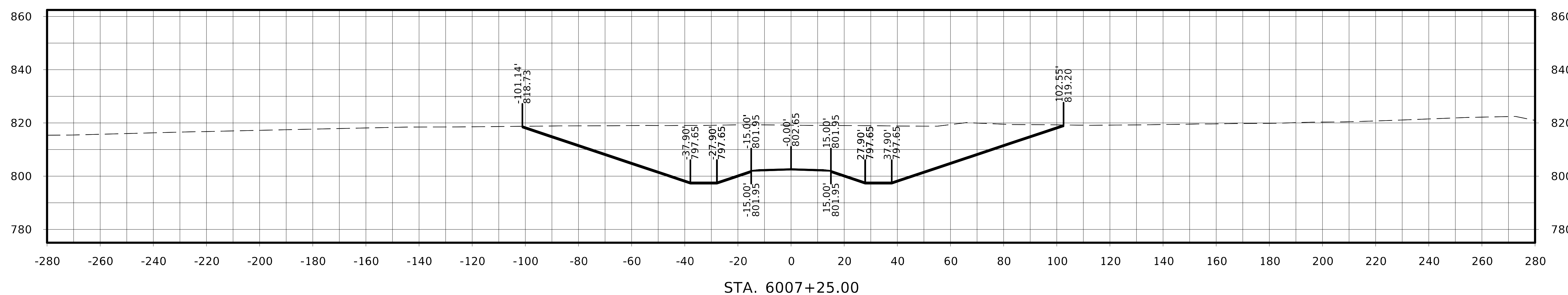
STA. 6006+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.527

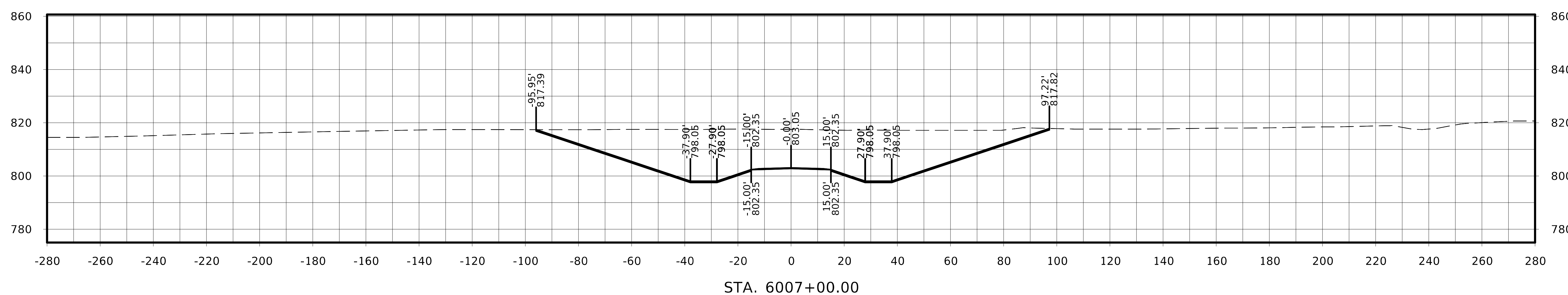
Kirby Ave.



STA. 6007+50.00

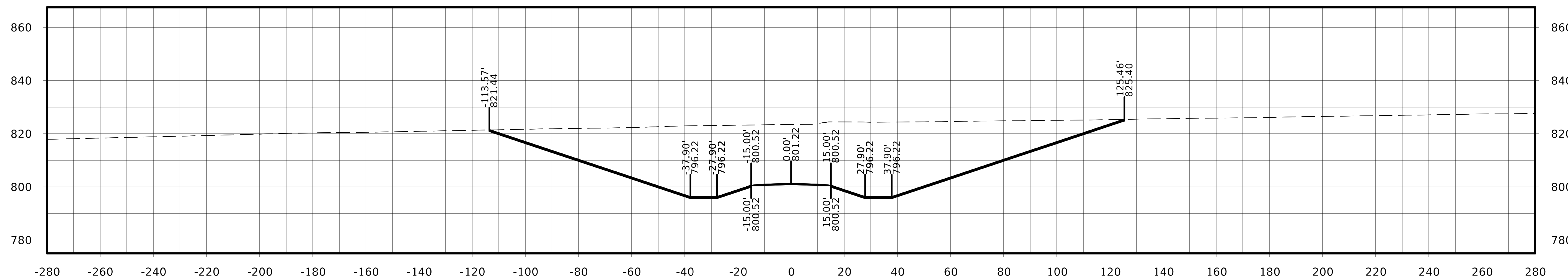


STA. 6007+25.00

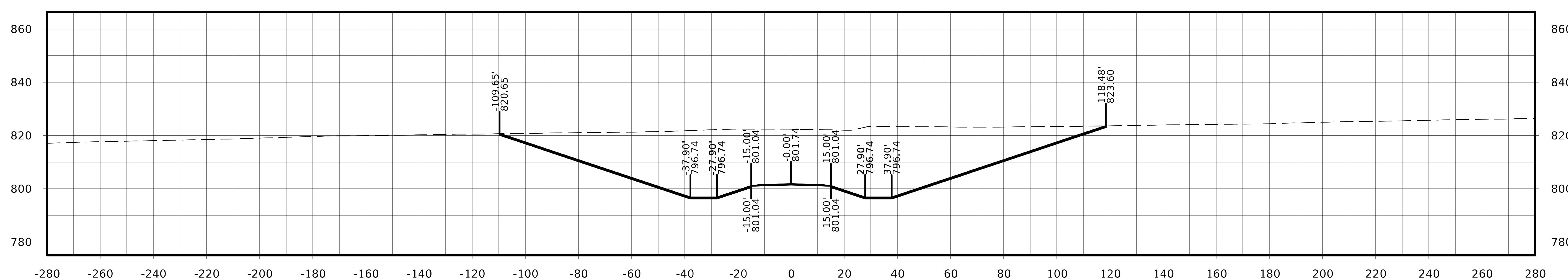


STA. 6007+00.00

Kirby Ave.



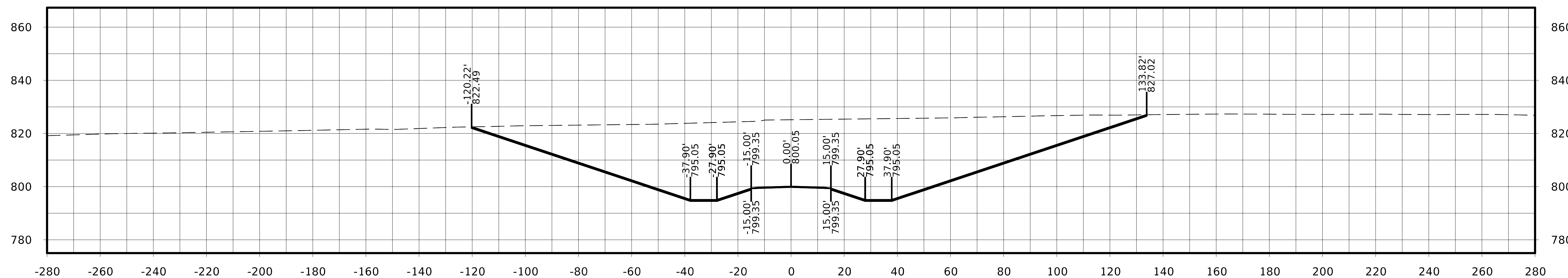
STA. 6008+00.00



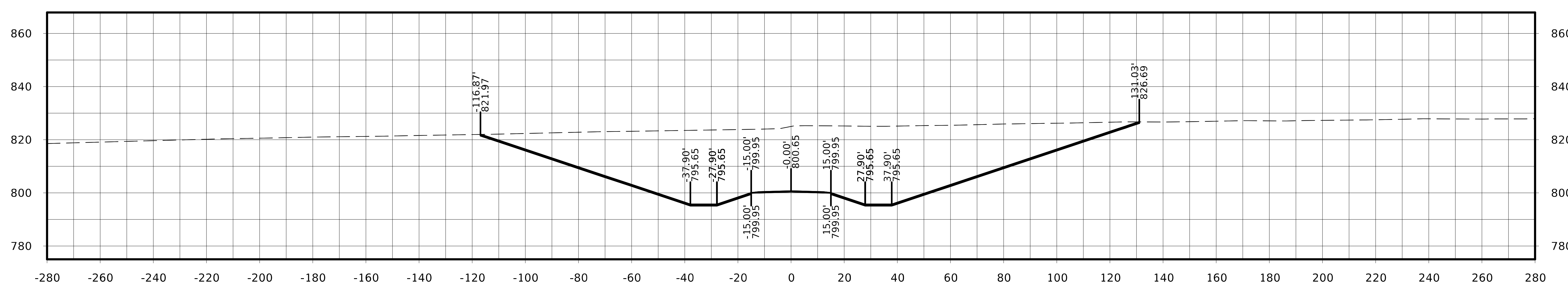
STA. 6007+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.529

Kirby Ave.



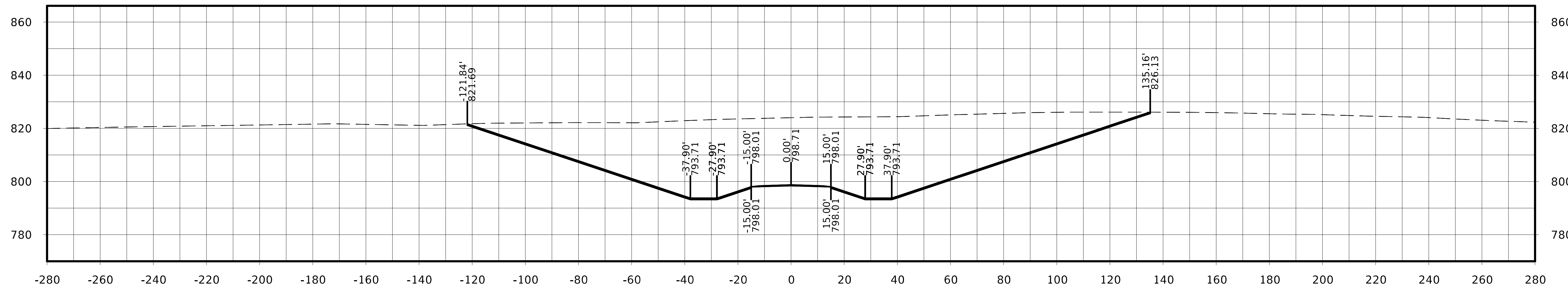
STA. 6008+50.00



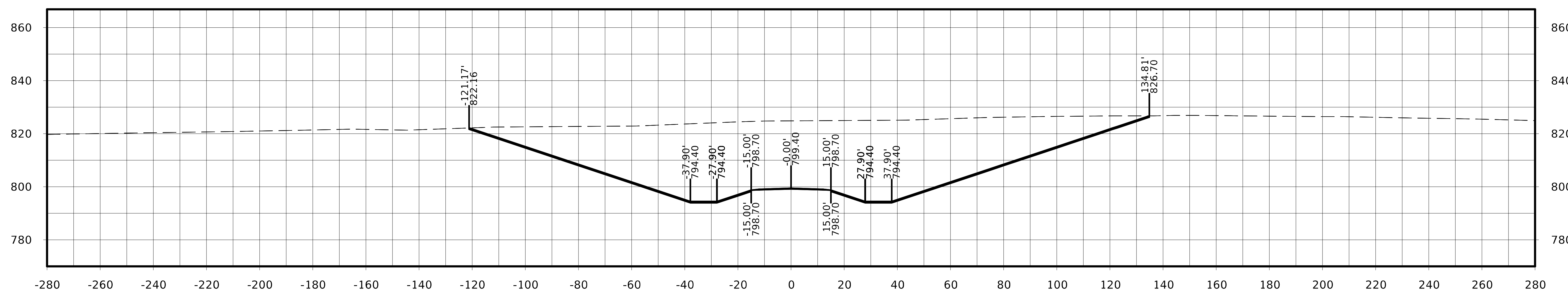
STA. 6008+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.530

Kirby Ave.



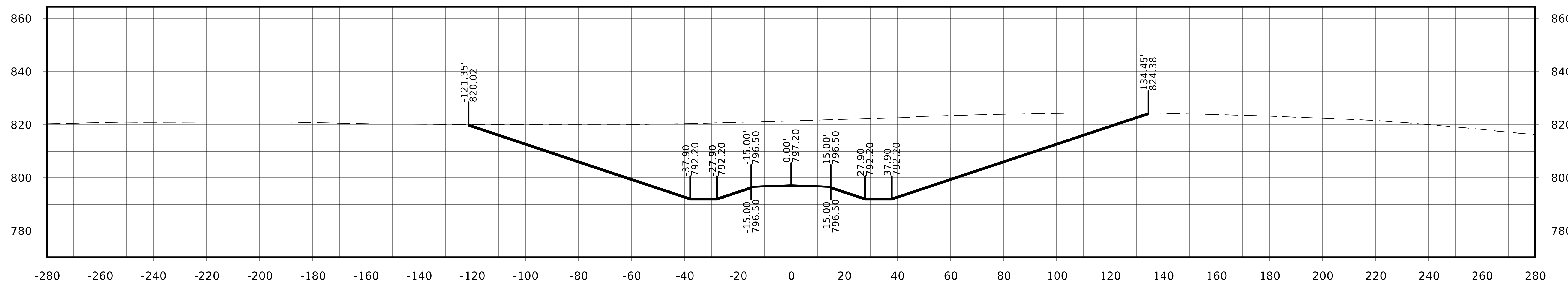
STA. 6009+00.00



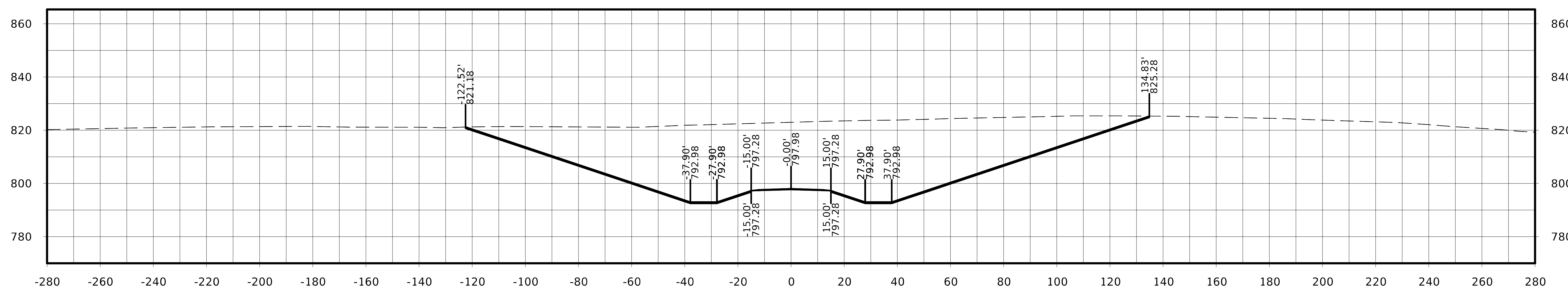
STA. 6008+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.531

Kirby Ave.



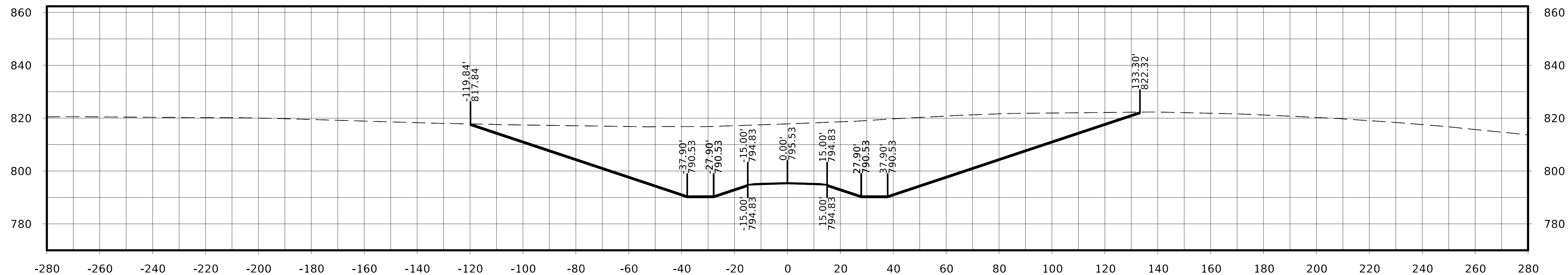
STA. 6009+50.00



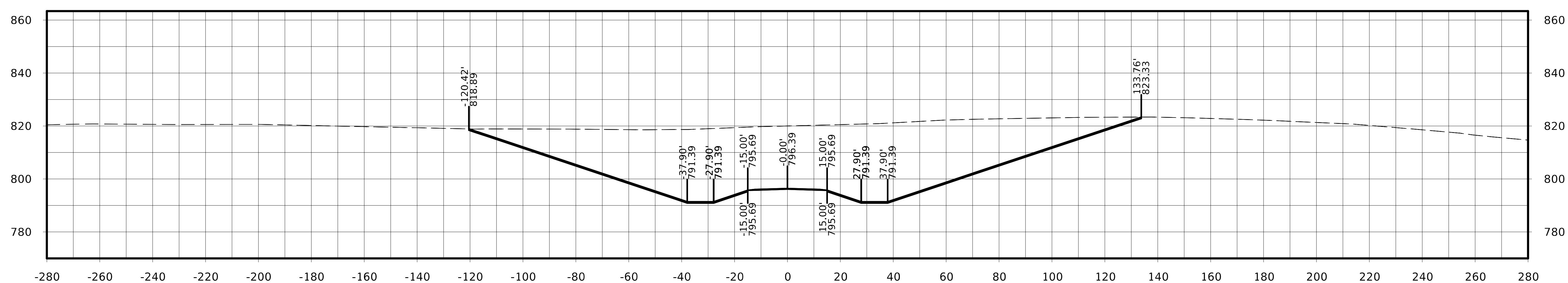
STA. 6009+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.532

Kirby Ave.



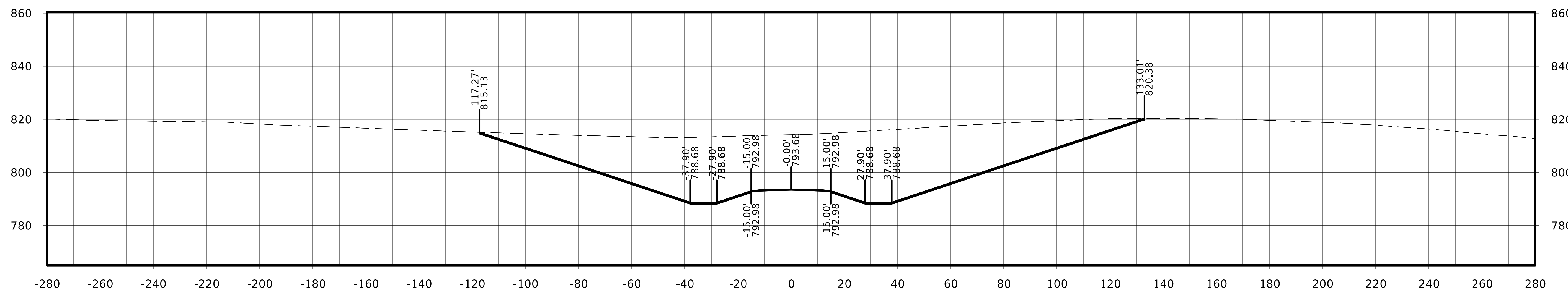
STA. 6010+00.00



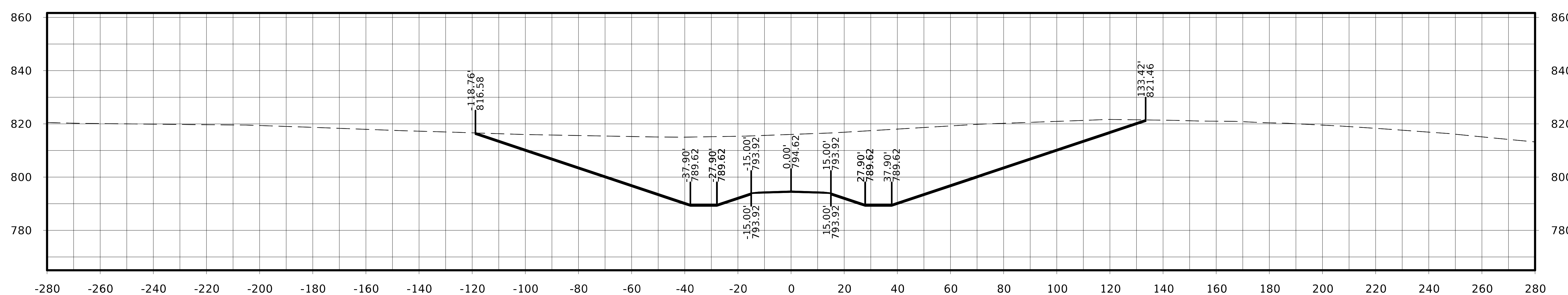
STA. 6009+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.533

Kirby Ave.



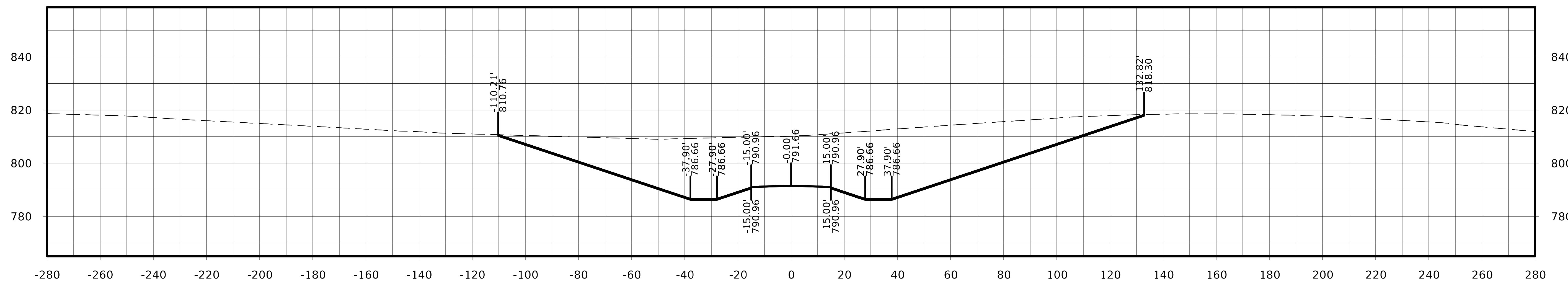
STA. 6010+50.00



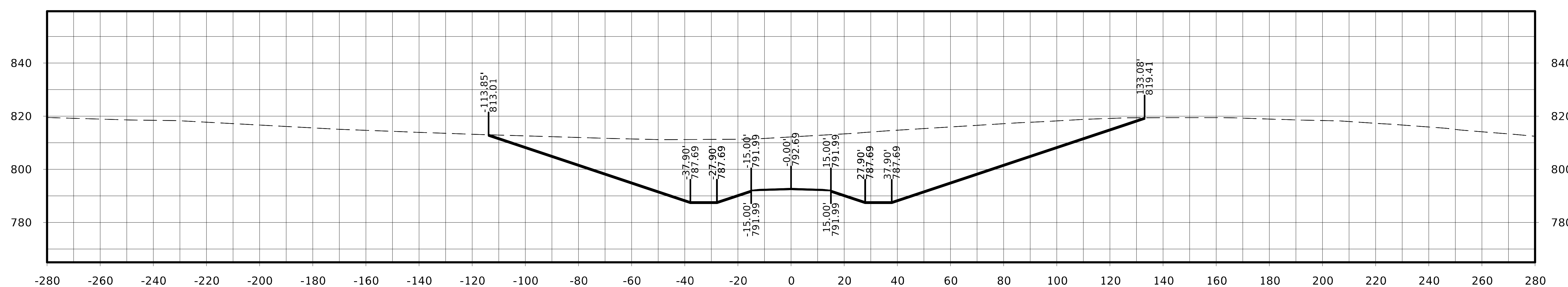
STA. 6010+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.534

Kirby Ave.



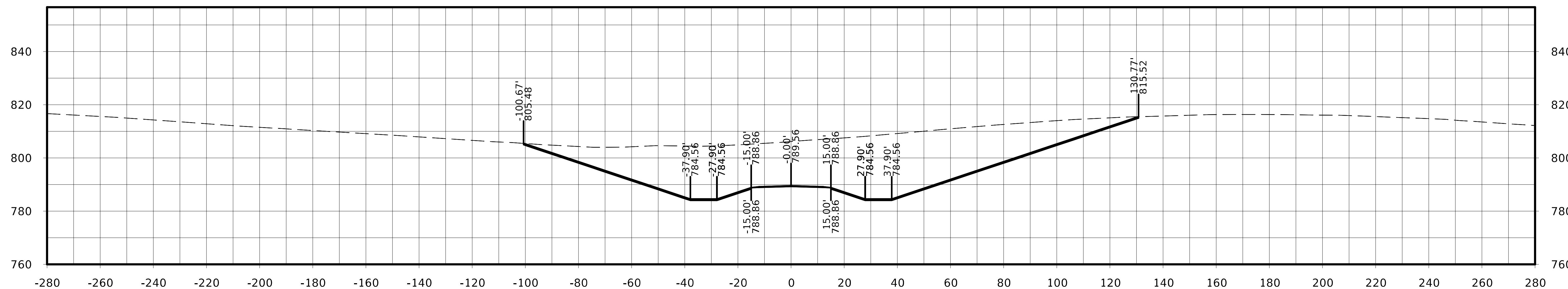
STA. 6011+00.00



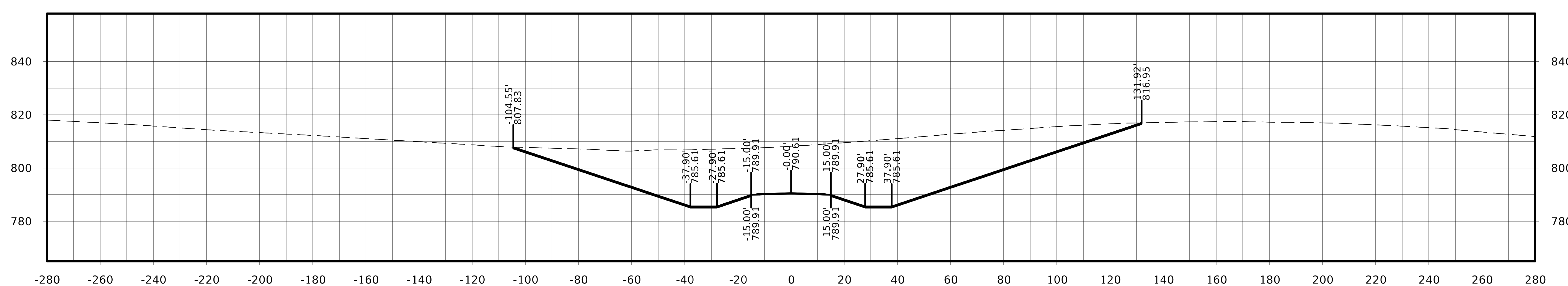
STA. 6010+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.535

Kirby Ave.



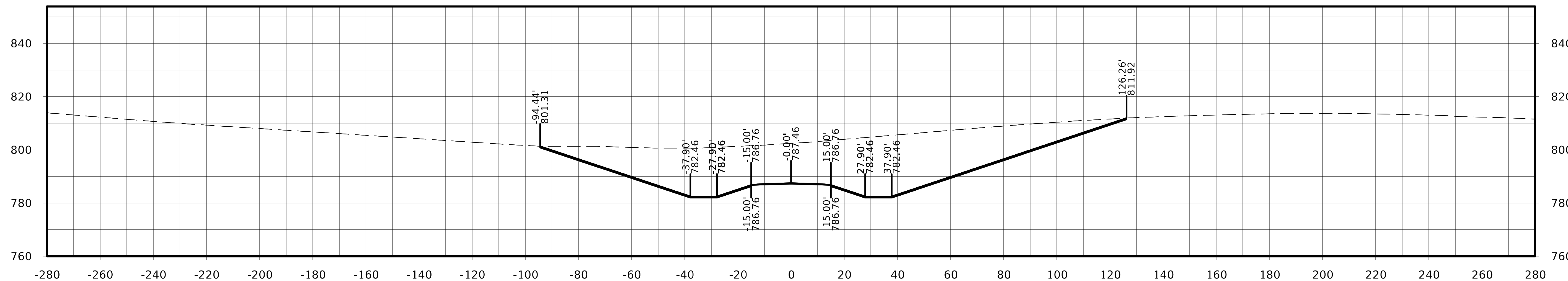
STA. 6011+50.00



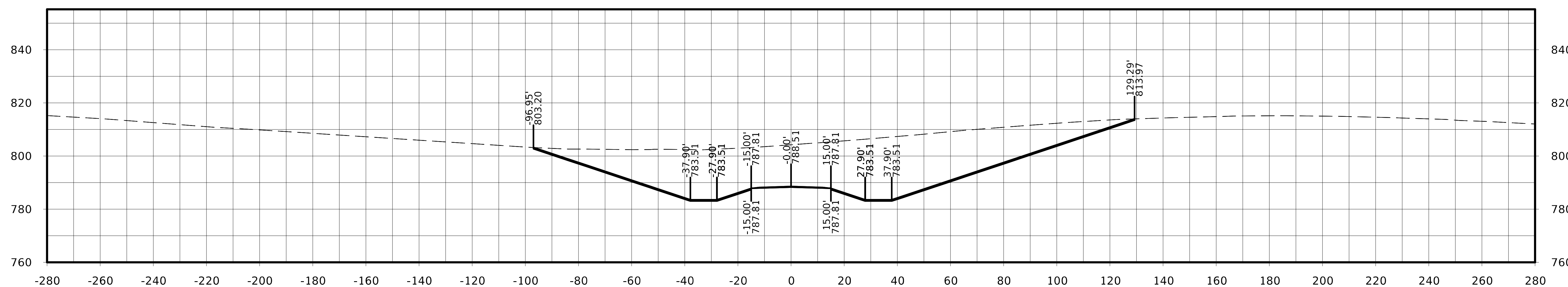
STA. 6011+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.536

Kirby Ave.



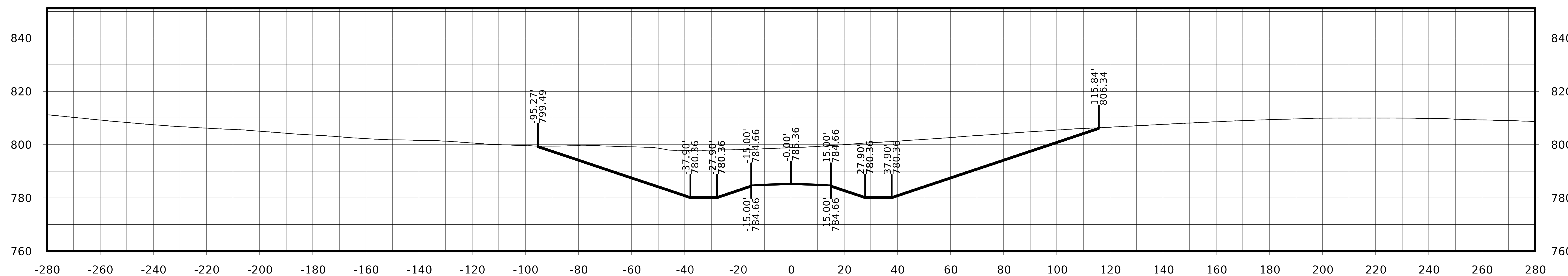
STA. 6012+00.00



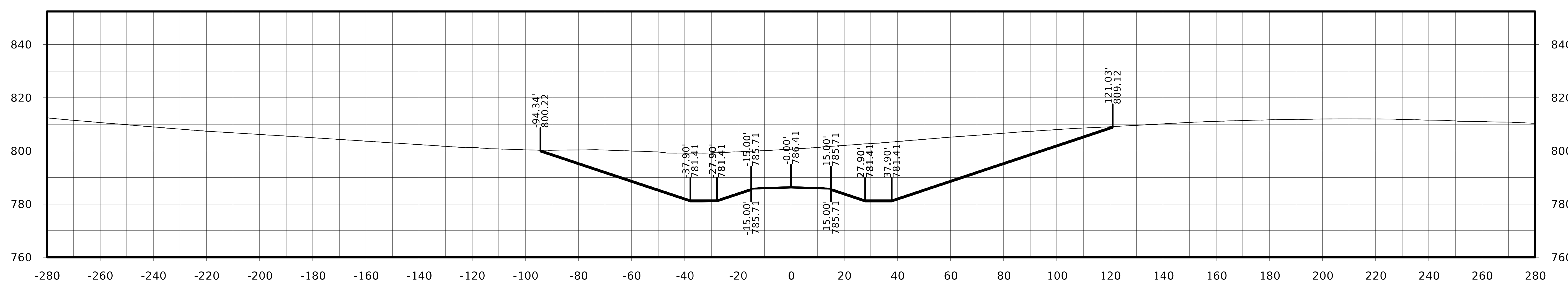
STA. 6011+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.537

Kirby Ave.



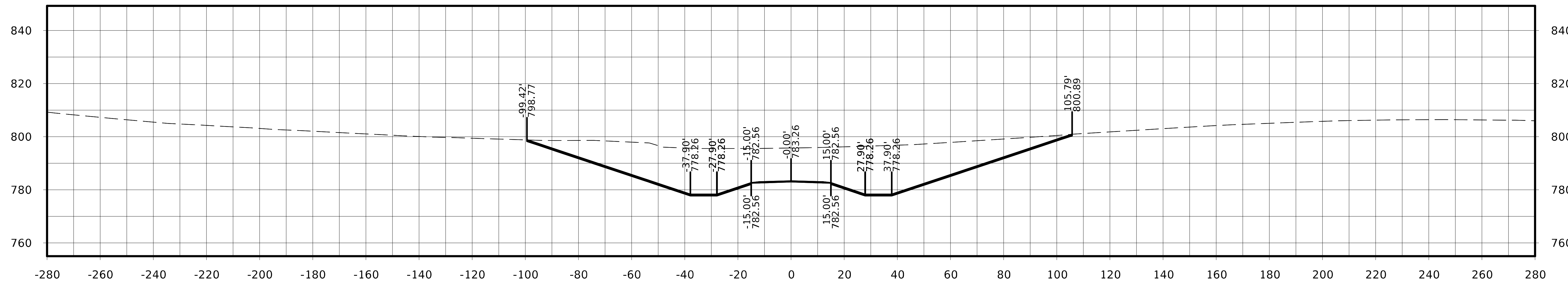
STA. 6012+50.00



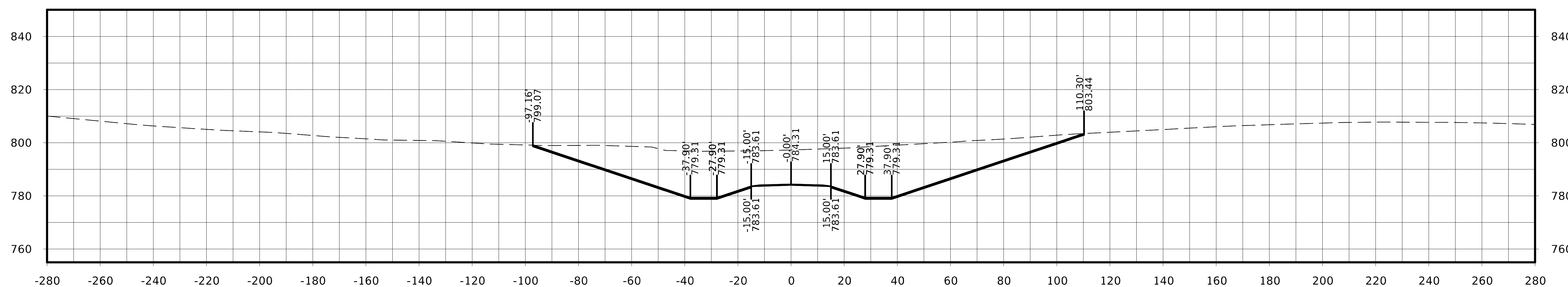
STA. 6012+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.538

Kirby Ave.



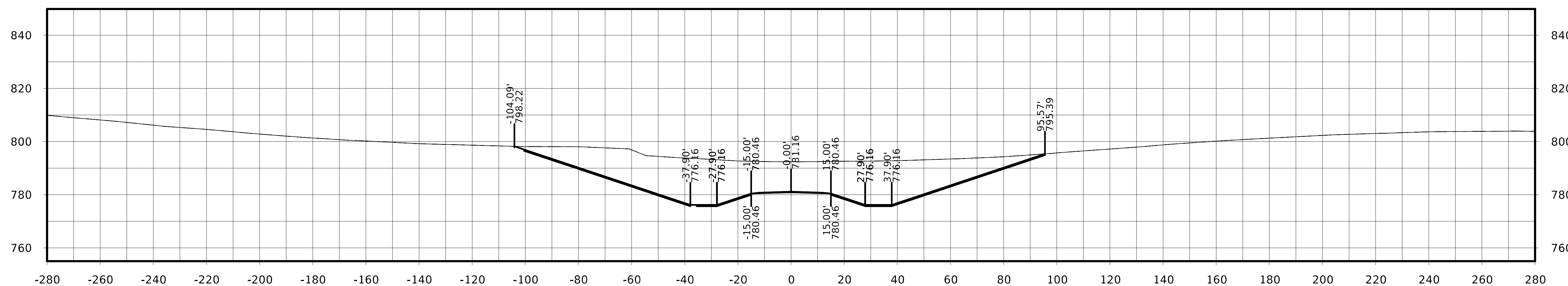
STA. 6013+00.00



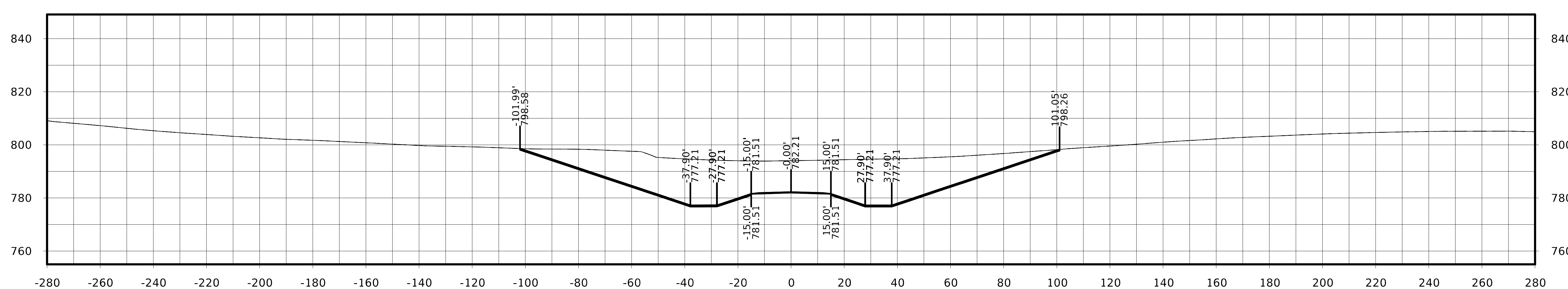
STA. 6012+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.539

Kirby Ave.



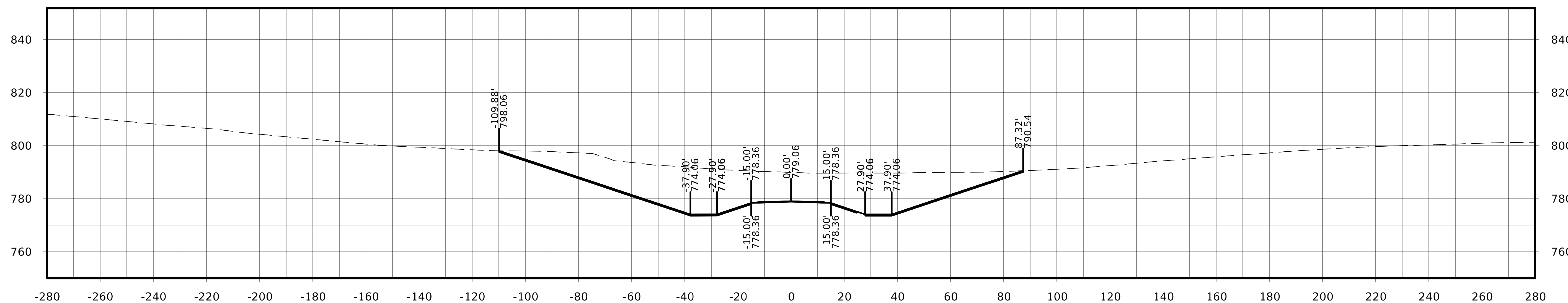
STA. 6013+50.00



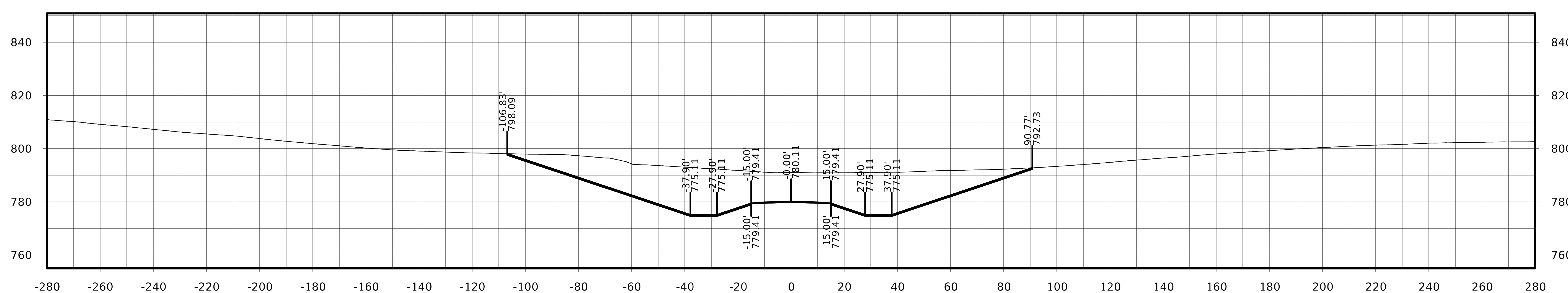
STA. 6013+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.540

Kirby Ave.



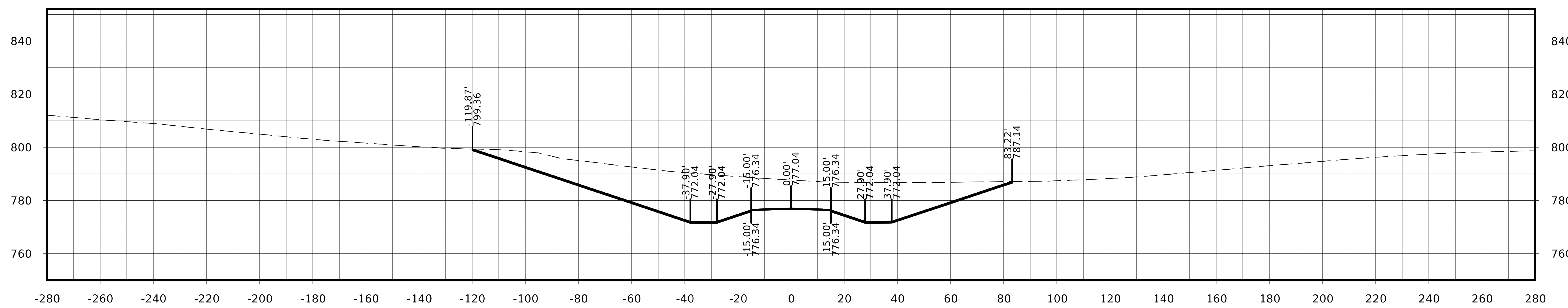
STA. 6014+00.00



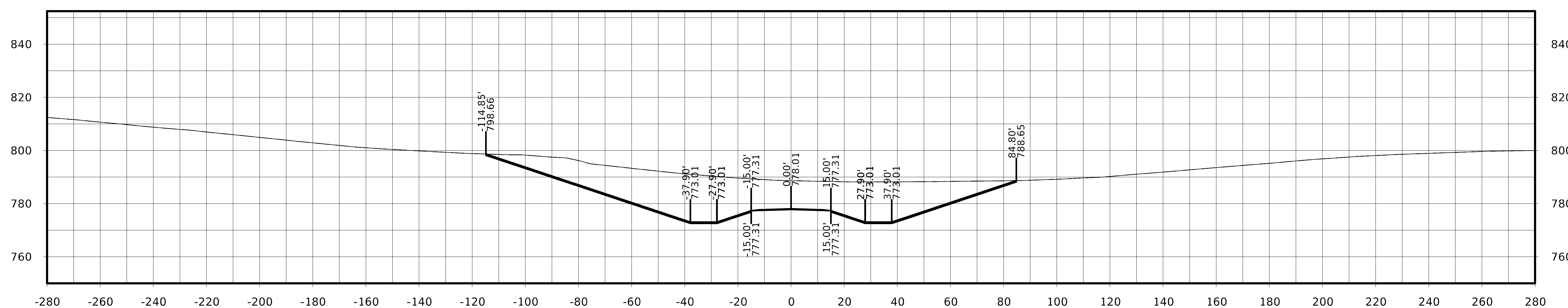
STA. 6013+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.541

Kirby Ave.



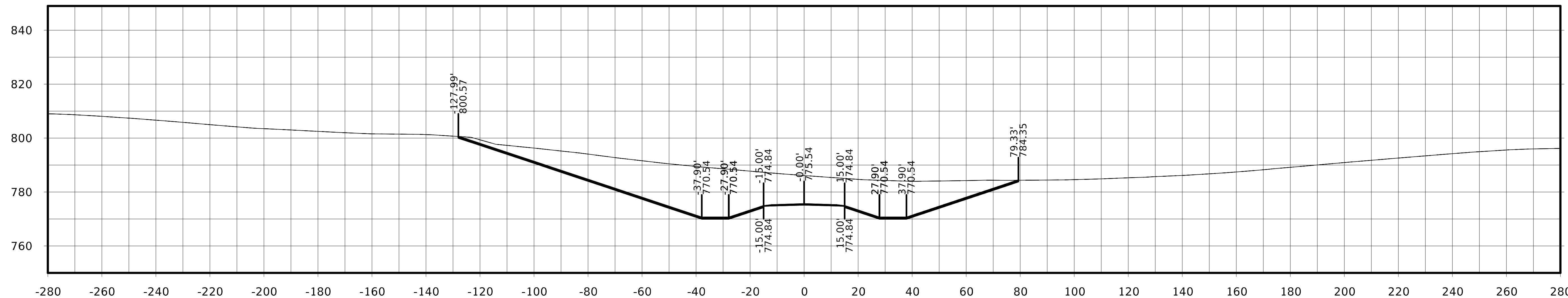
STA. 6014+50.00



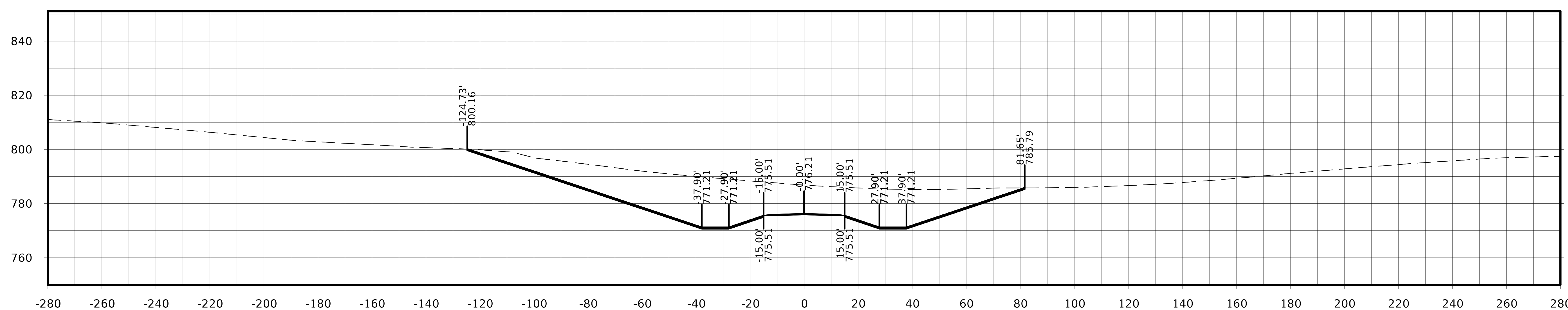
STA. 6014+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.542

Kirby Ave.

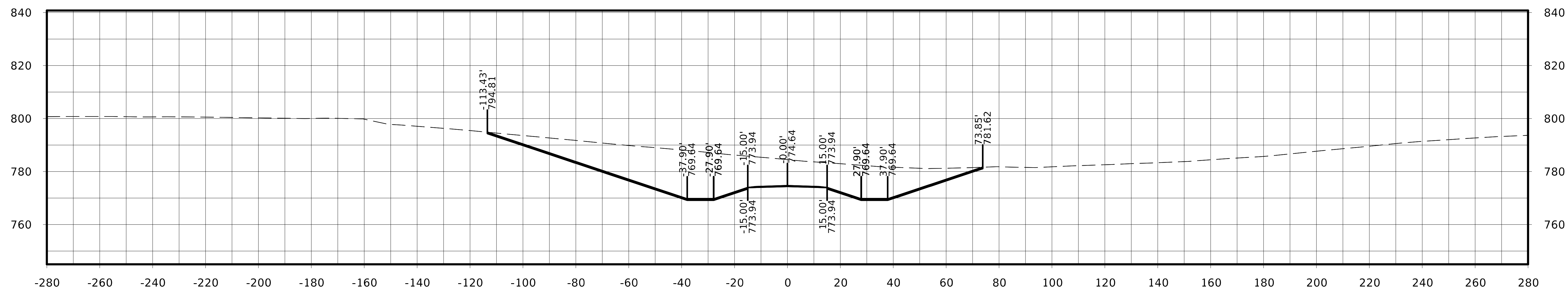


STA. 6015+00.00

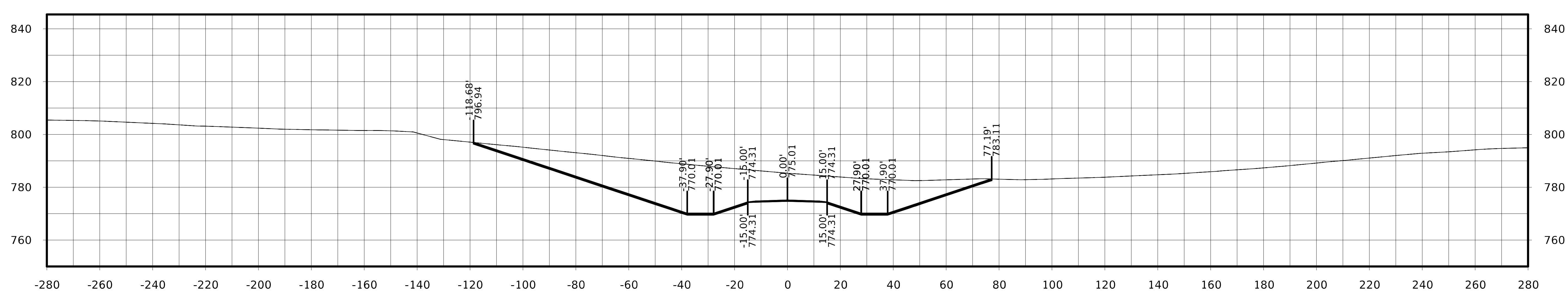


STA. 6014+75.00

Kirby Ave.



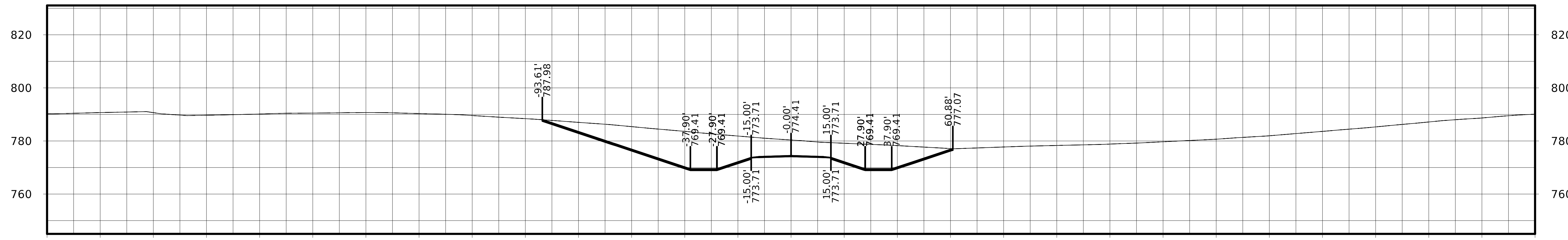
STA. 6015+50.00



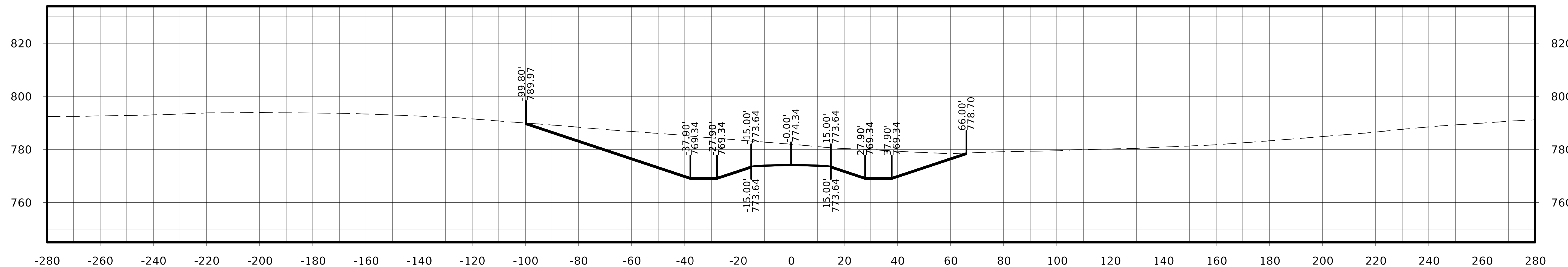
STA. 6015+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.544

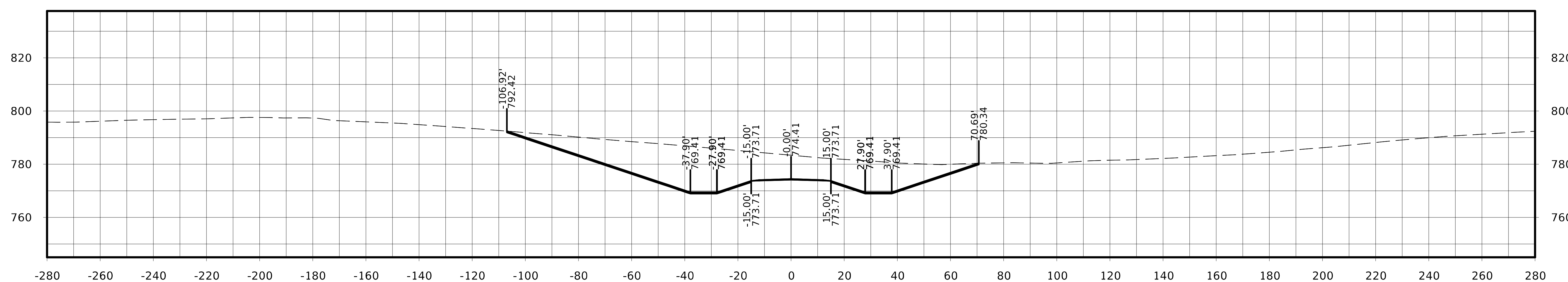
Kirby Ave.



STA. 6016+25.00



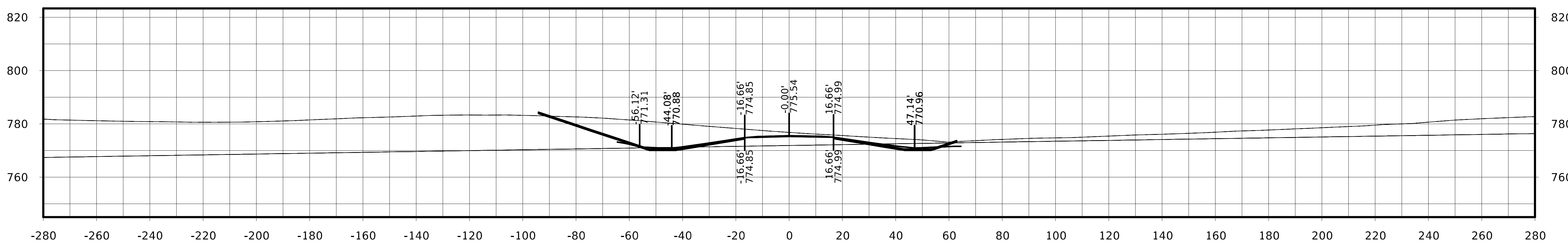
STA. 6016+00.00



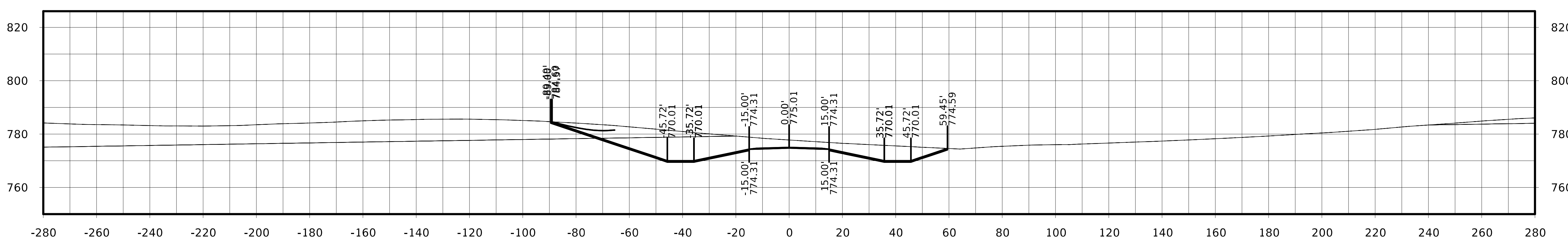
STA. 6015+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.545

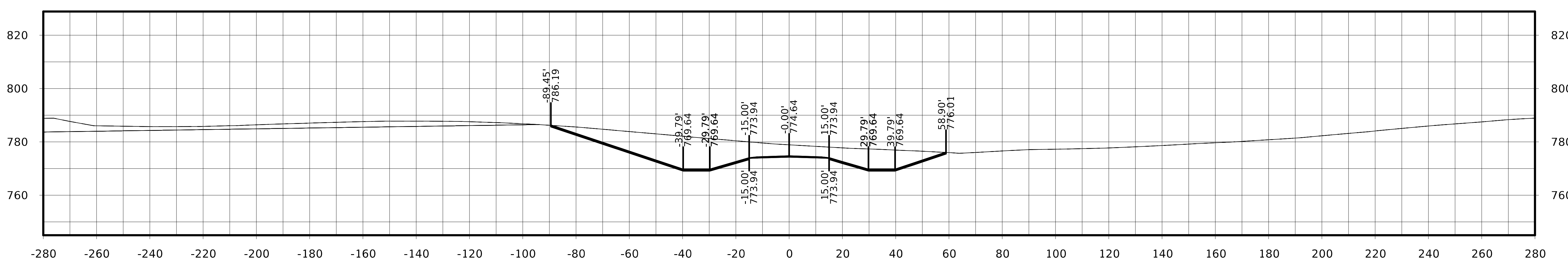
Kirby Ave.



STA. 6017+00.00



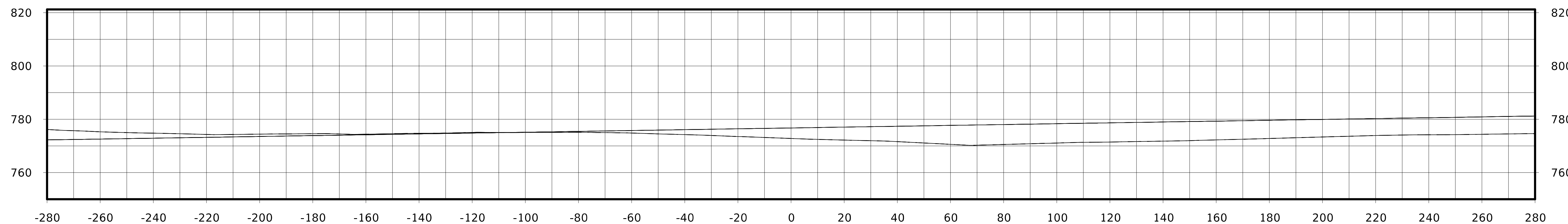
STA. 6016+75.00



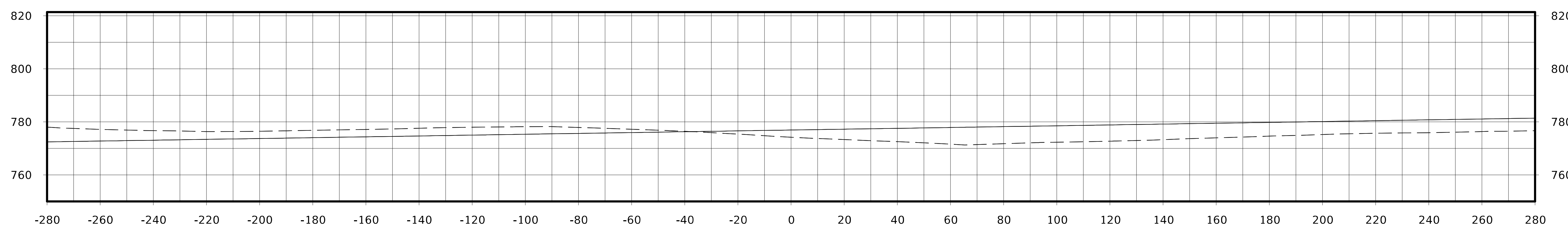
STA. 6016+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.546

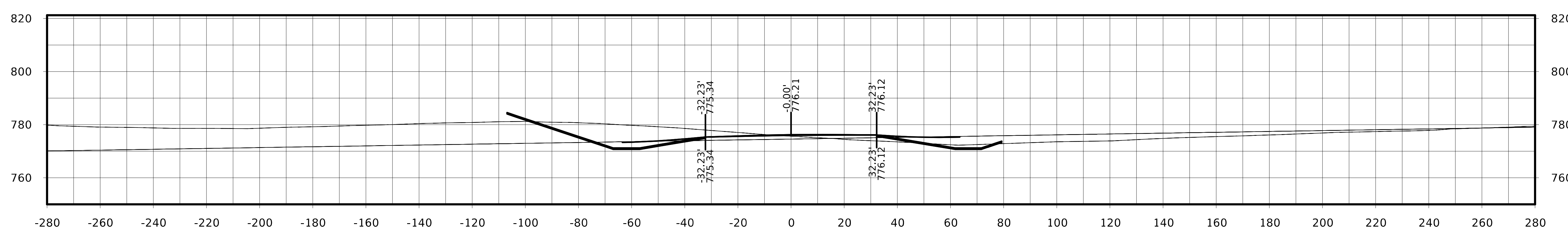
Kirby Ave.



STA. 6017+75.00



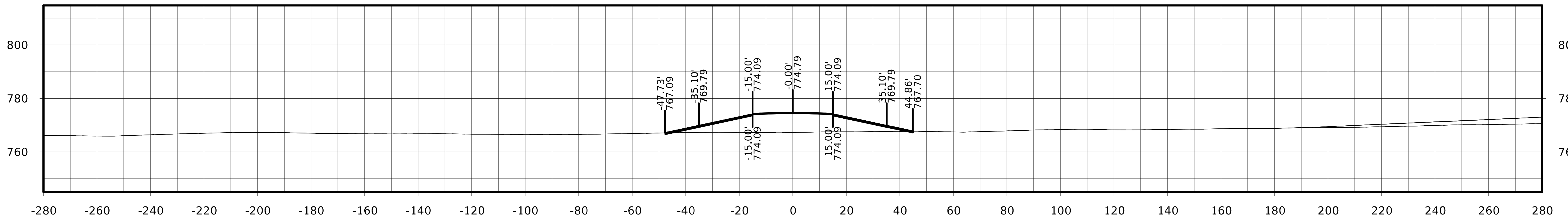
STA. 6017+50.00



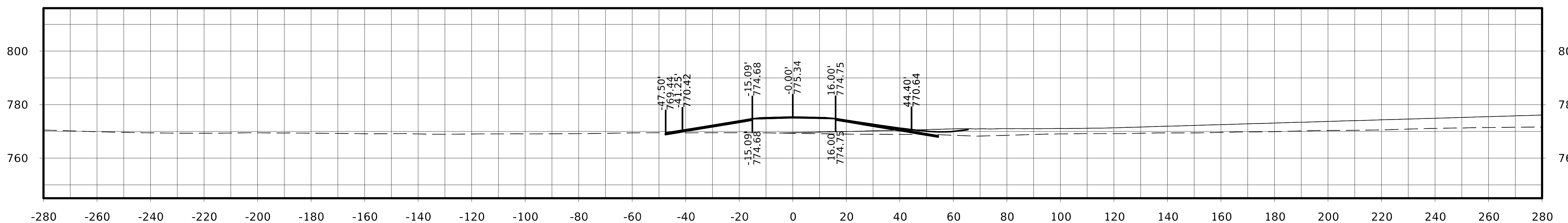
STA. 6017+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.547

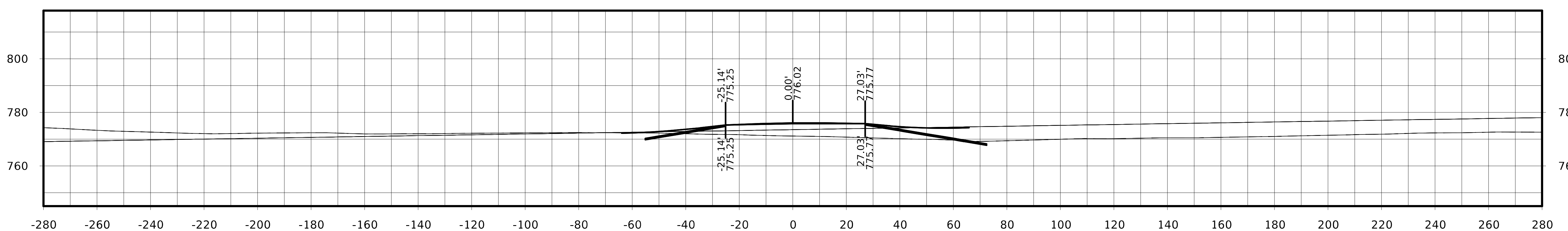
Kirby Ave.



STA. 6018+50.00

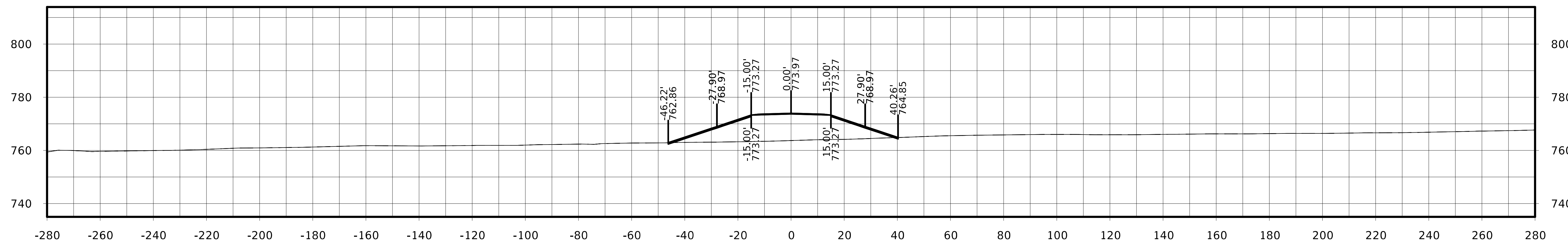


STA. 6018+25.00

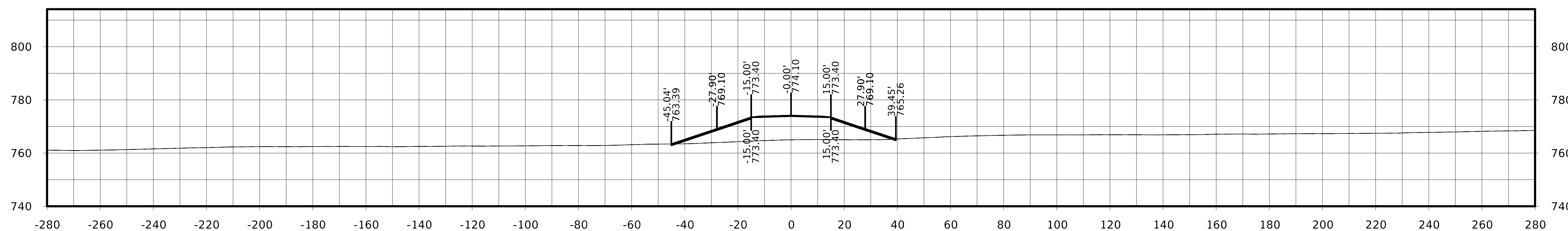


STA. 6018+00.00

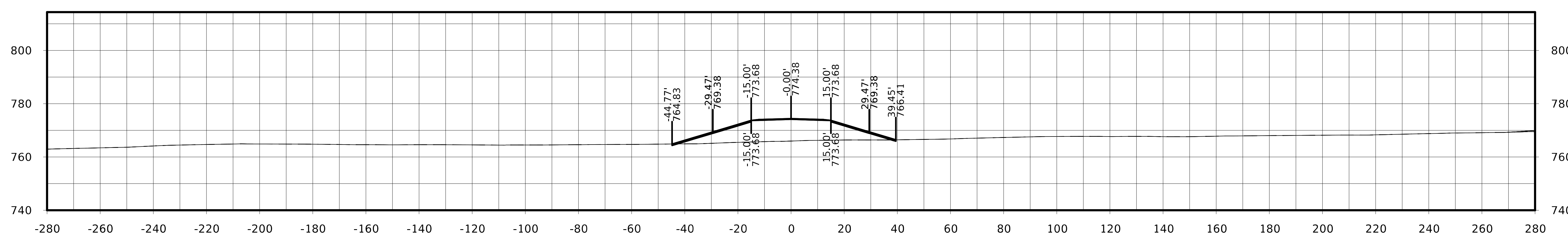
Kirby Ave.



STA. 6019+25.00

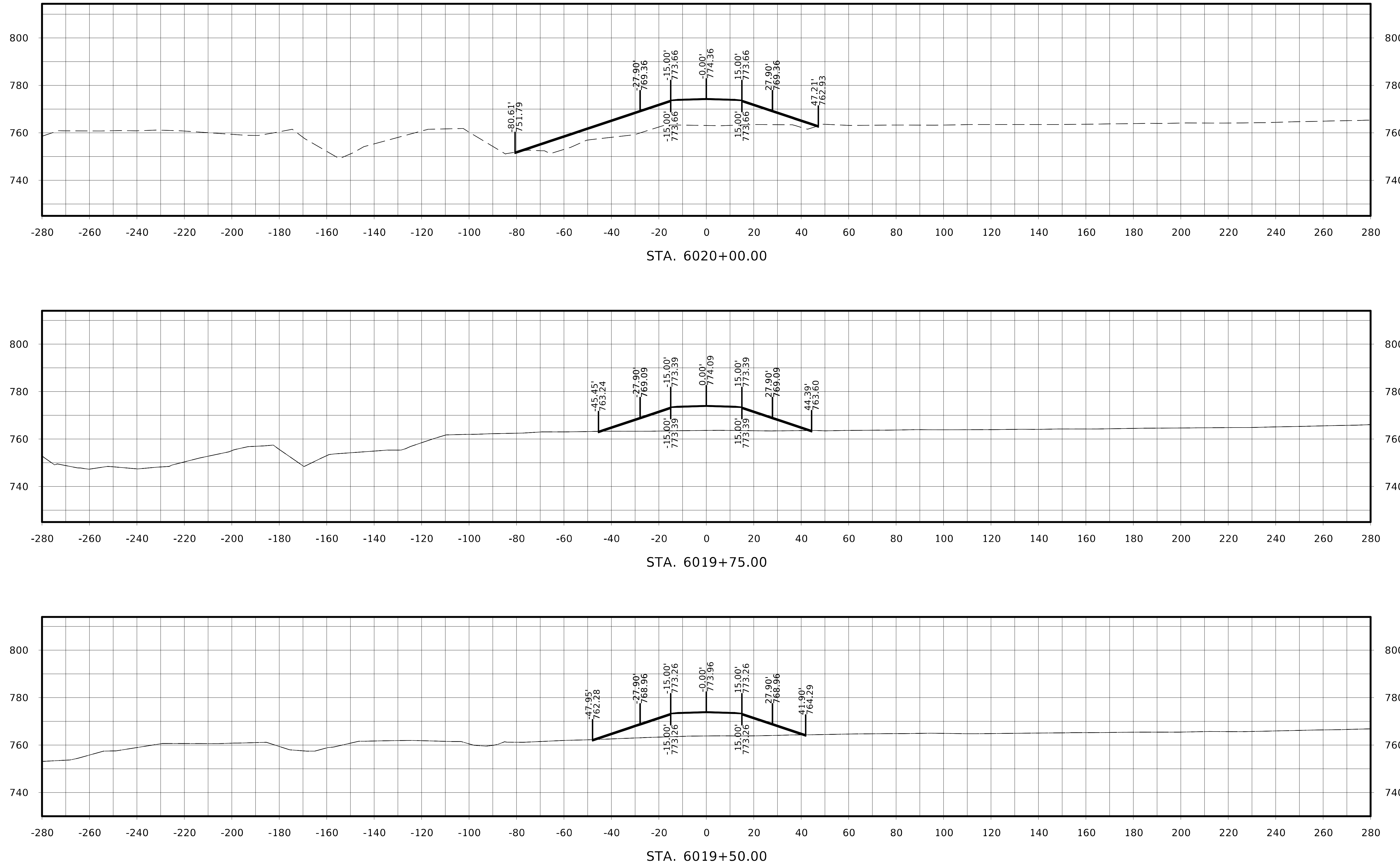


STA. 6019+00.00



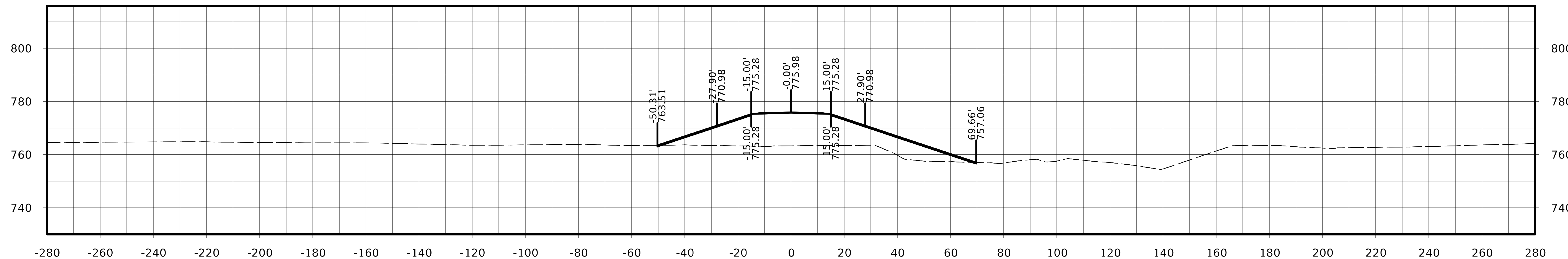
STA. 6018+75.00

Kirby Ave.

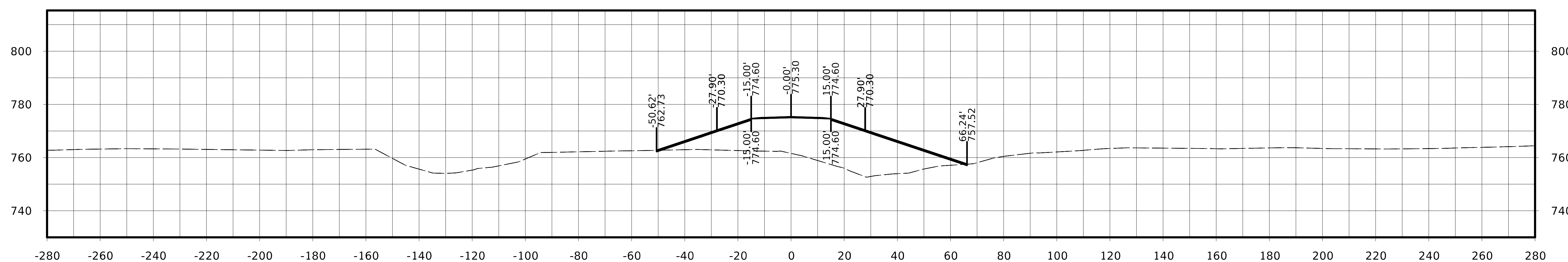


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.550

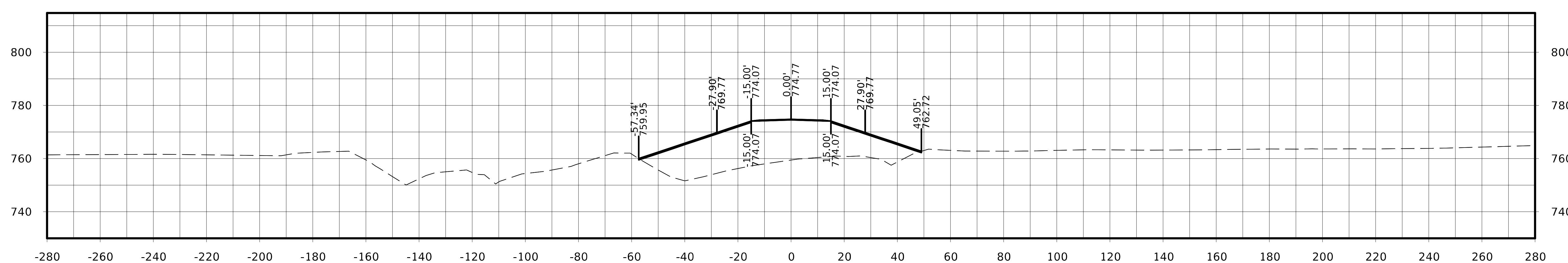
Kirby Ave.



STA. 6020+75.00



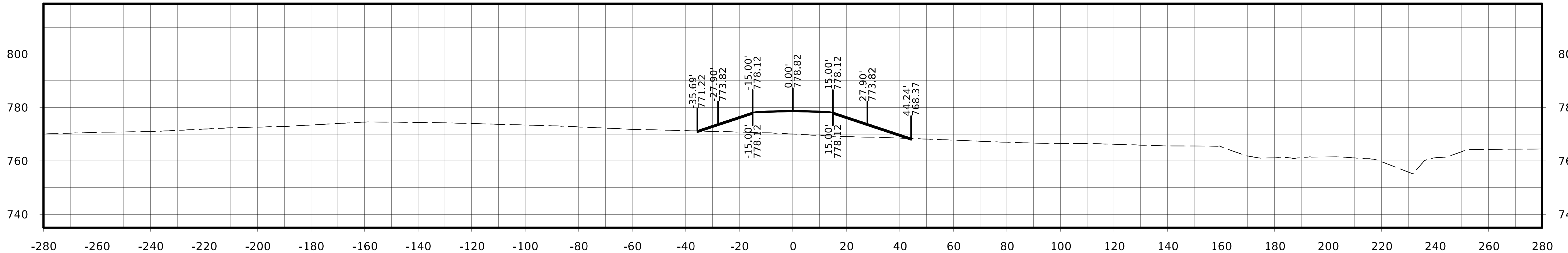
STA. 6020+50.00



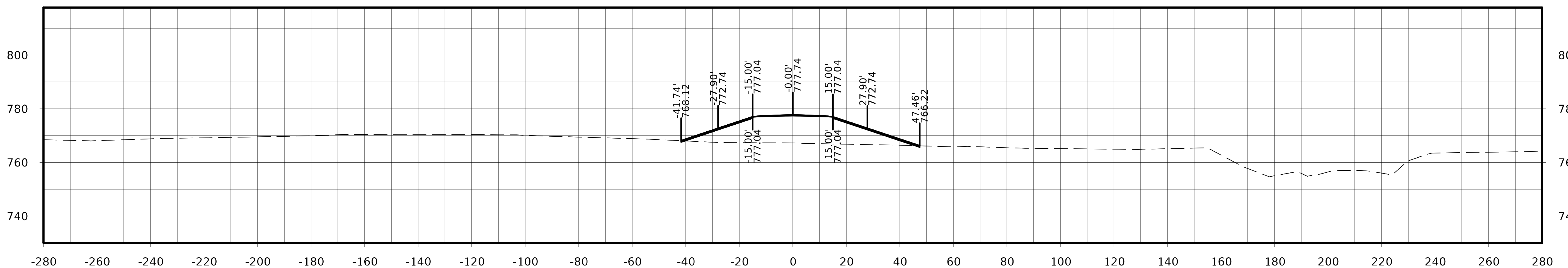
STA. 6020+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.551

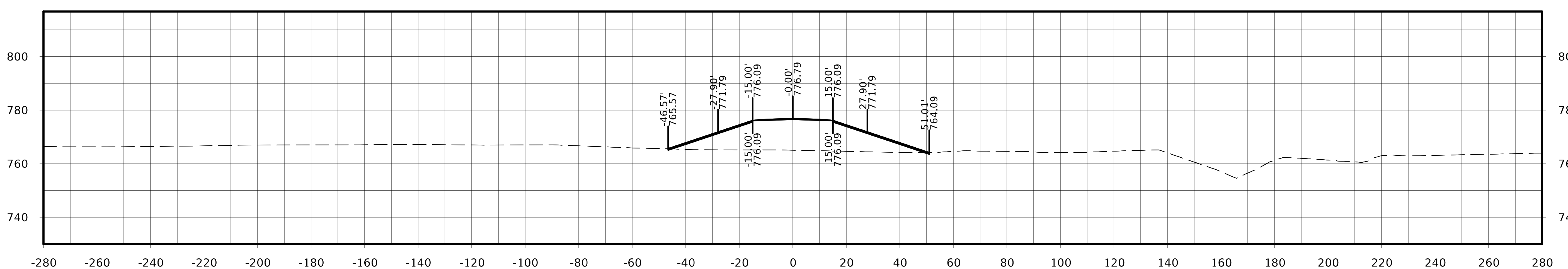
Kirby Ave.



STA. 6021+50.00

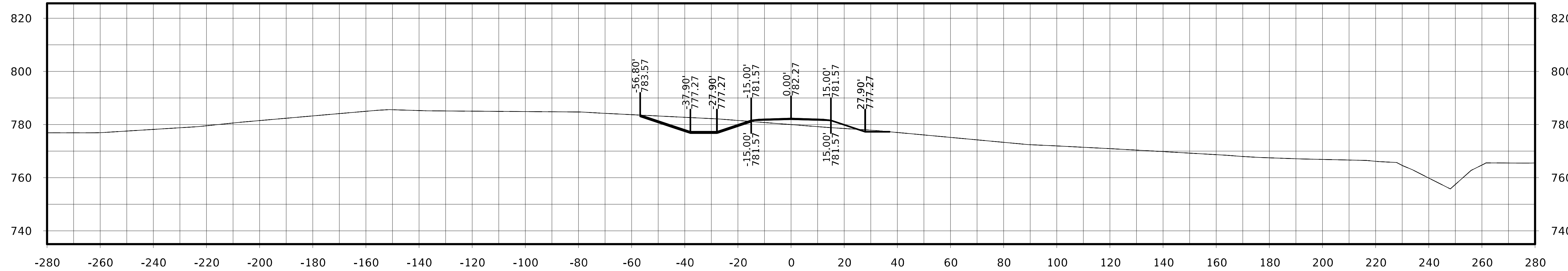


STA. 6021+25.00

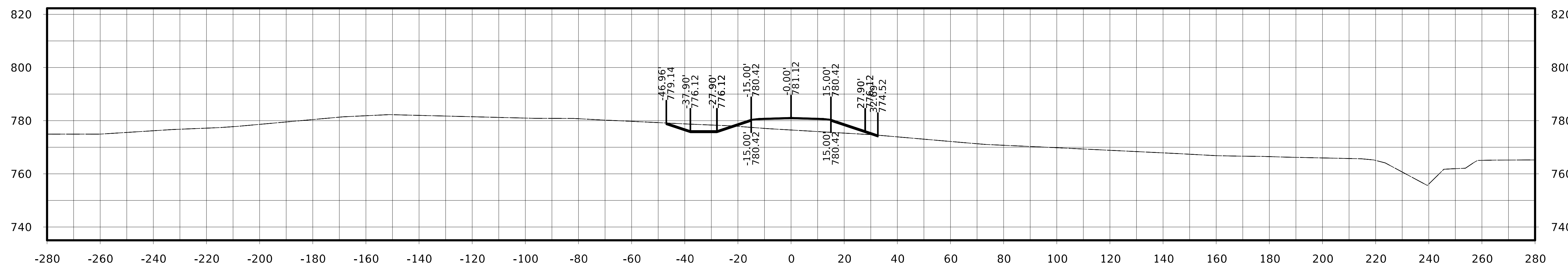


STA. 6021+00.00

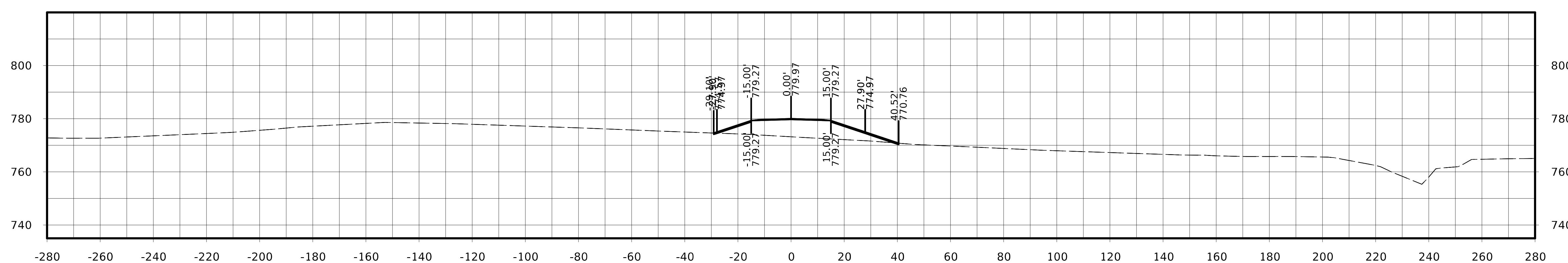
Kirby Ave.



STA. 6022+25.00



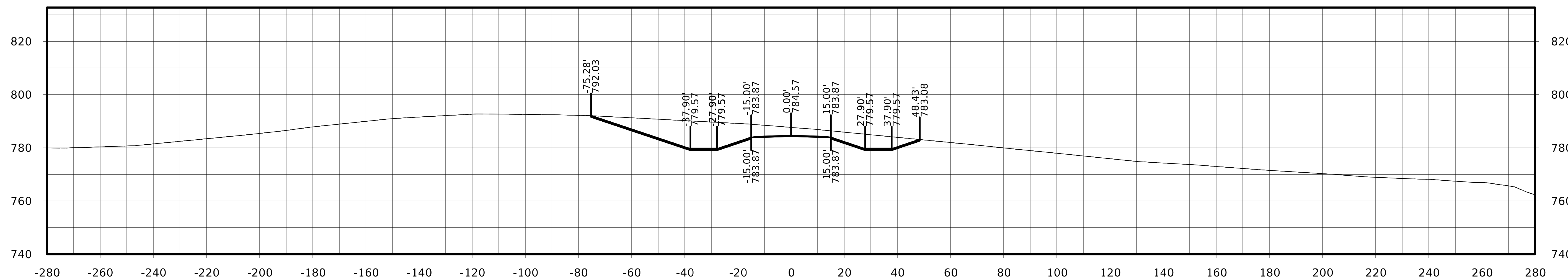
STA. 6022+00.00



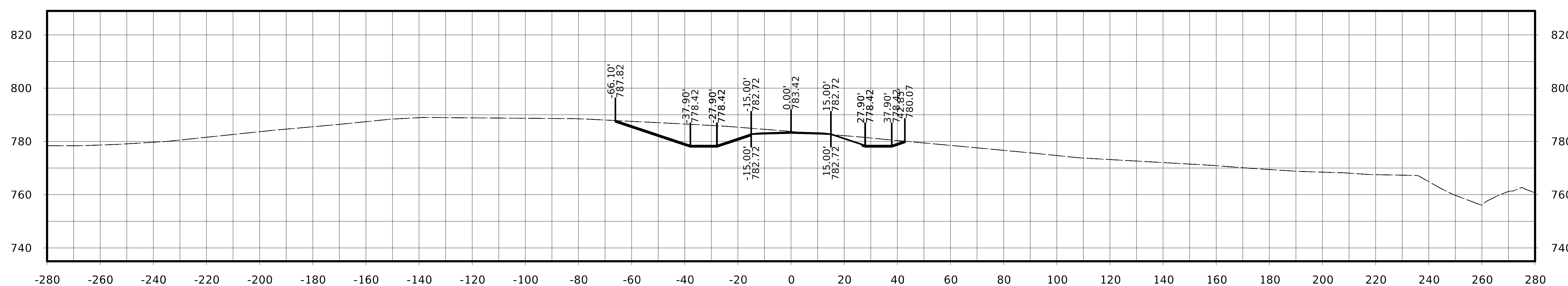
STA. 6021+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.553

Kirby Ave.

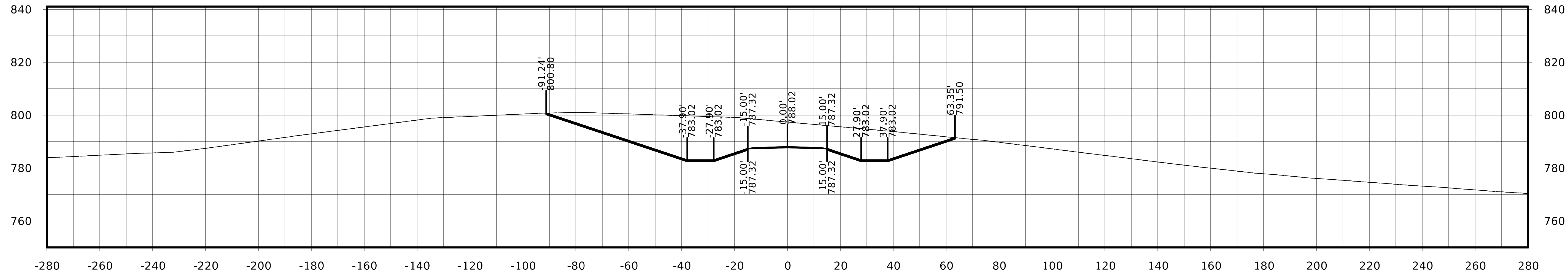


STA. 6022+75.00

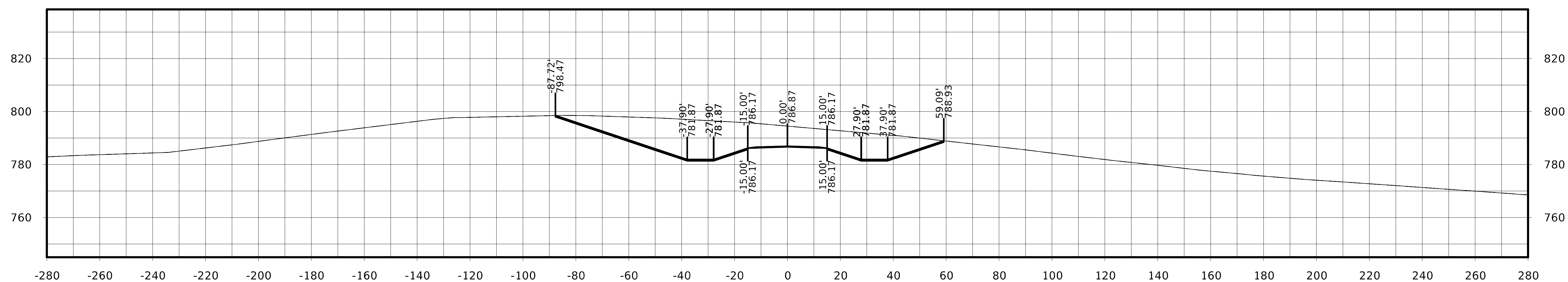


STA. 6022+50.00

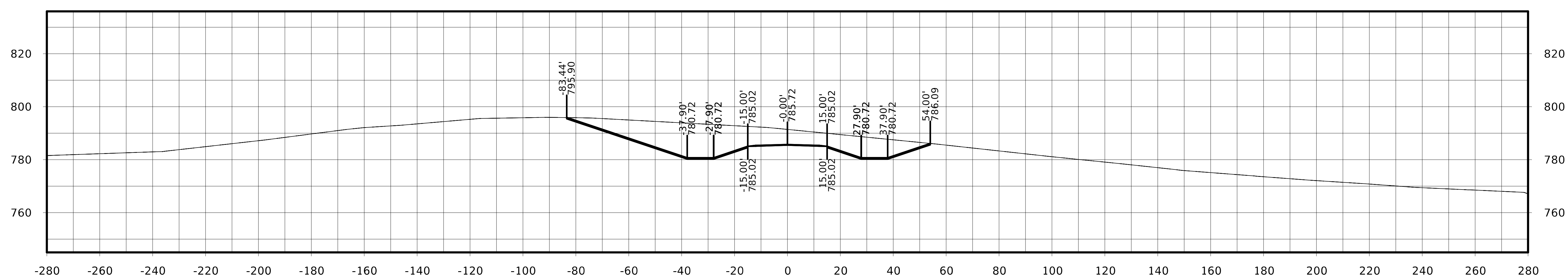
Kirby Ave.



STA. 6023+50.00



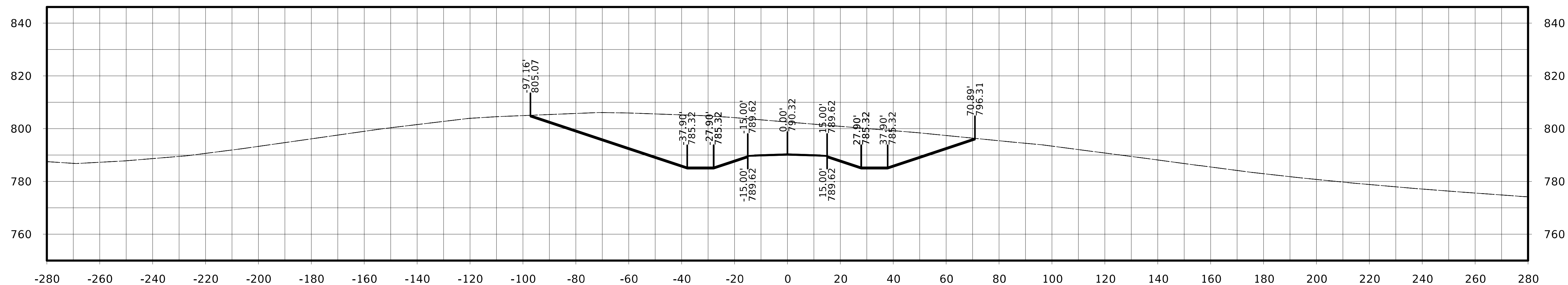
STA. 6023+25.00



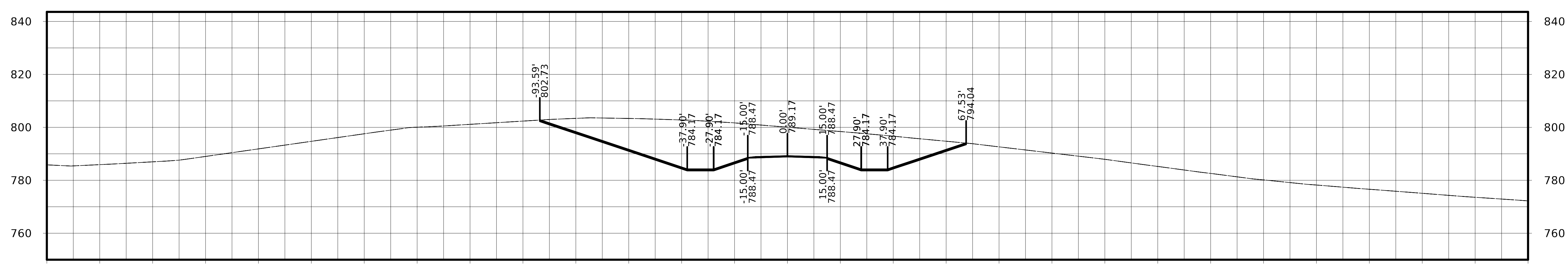
STA. 6023+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.555

Kirby Ave.



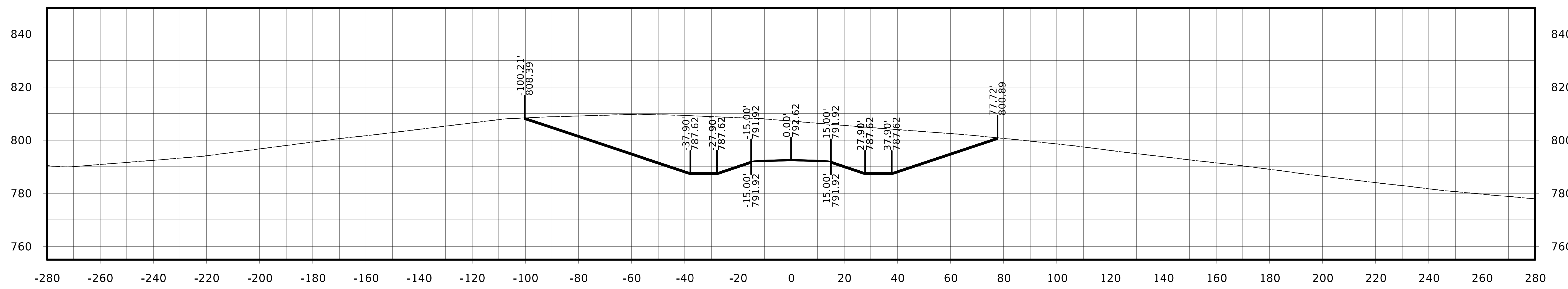
STA. 6024+00.00



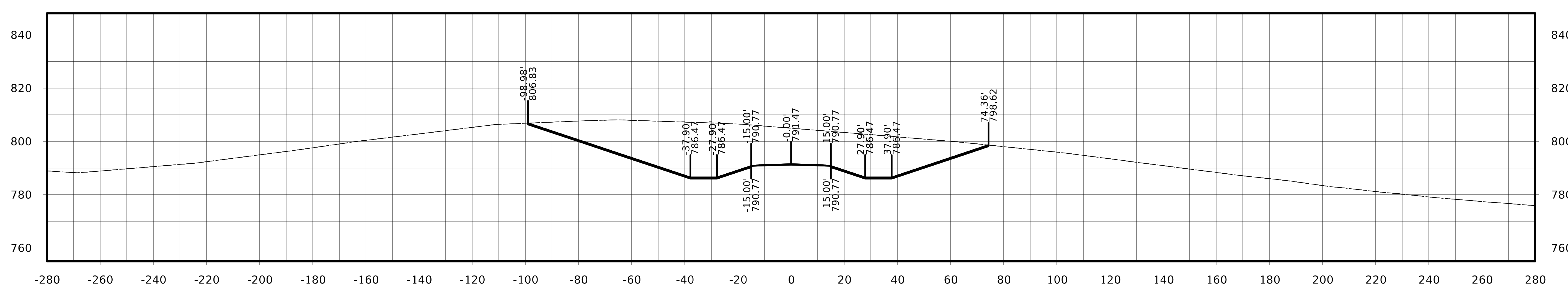
STA. 6023+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.556

Kirby Ave.



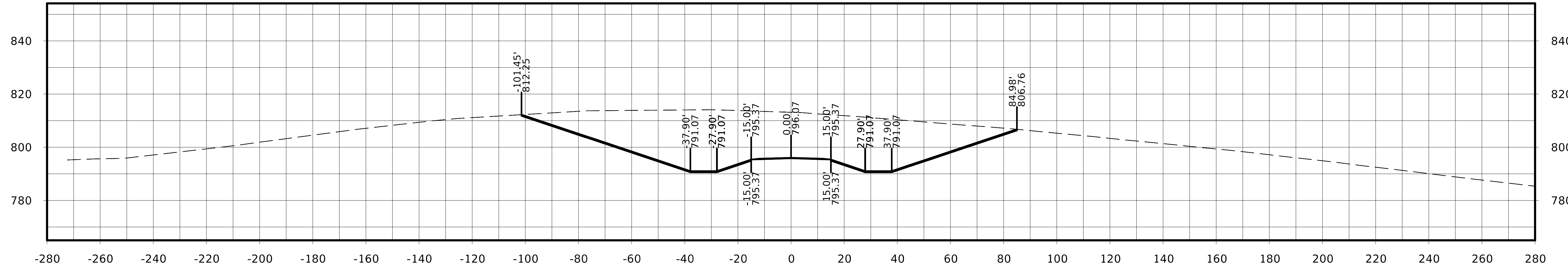
STA. 6024+50.00



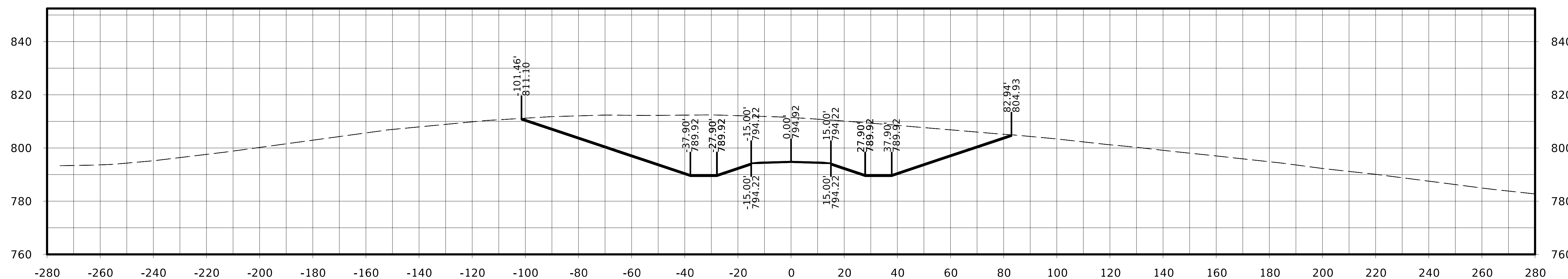
STA. 6024+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.557

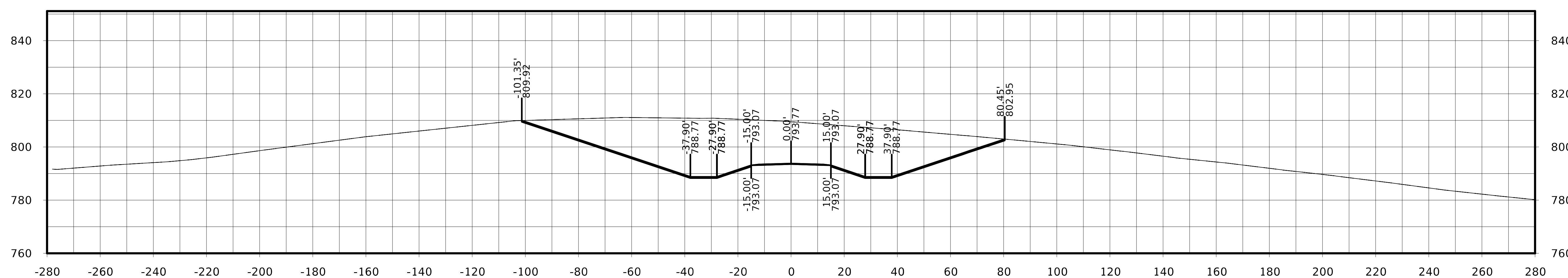
Kirby Ave.



STA. 6025+25.00



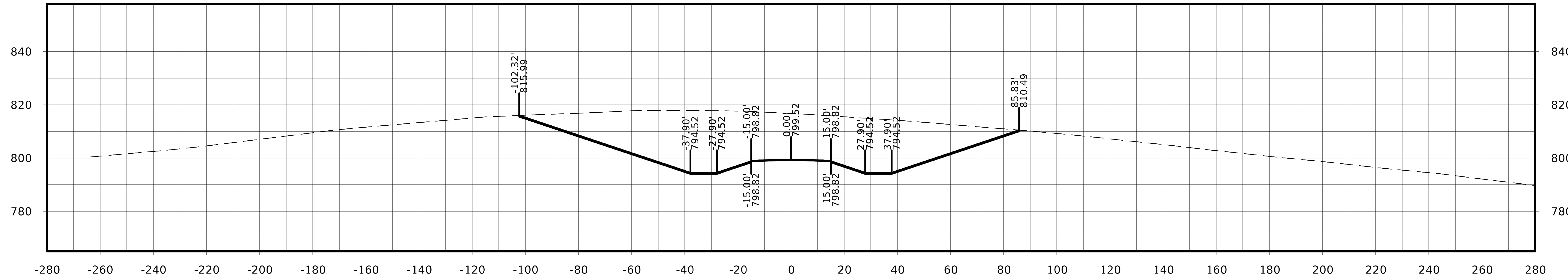
STA. 6025+00.00



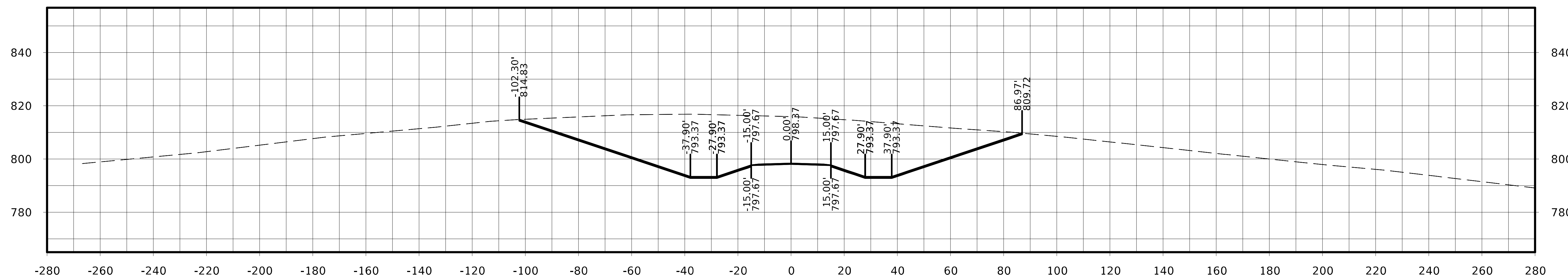
STA. 6024+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.558

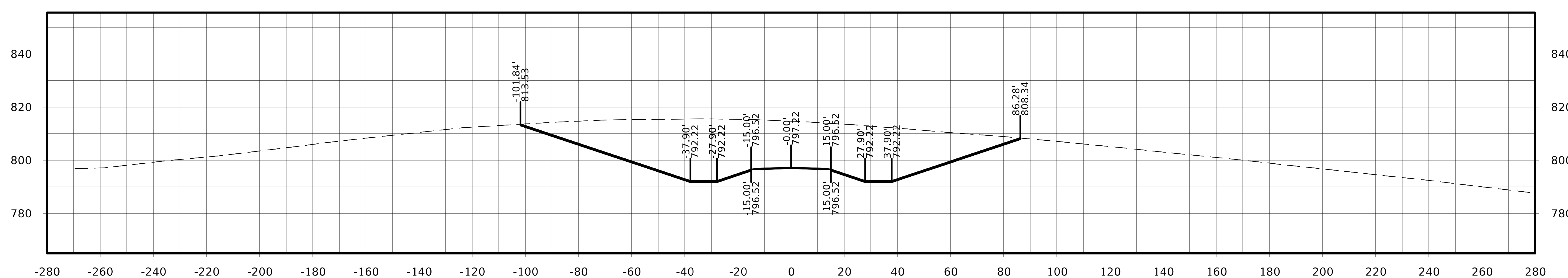
Kirby Ave.



STA. 6026+00.00



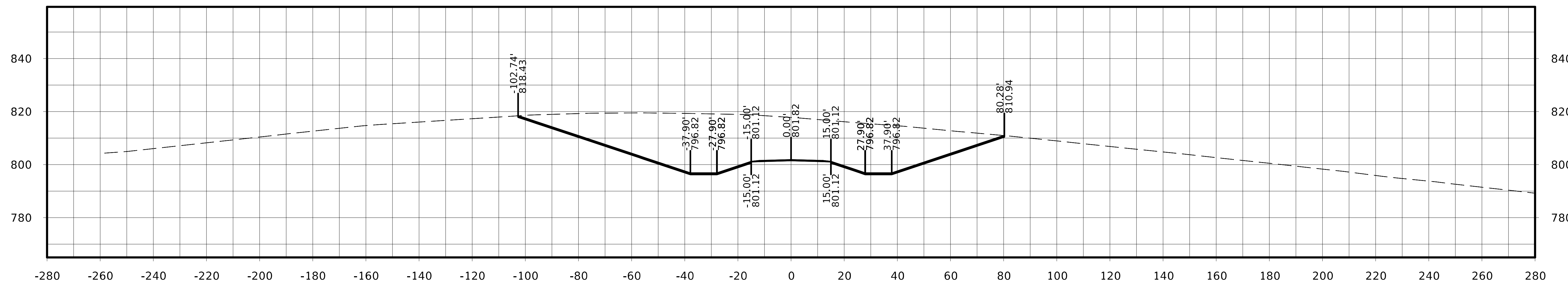
STA. 6025+75.00



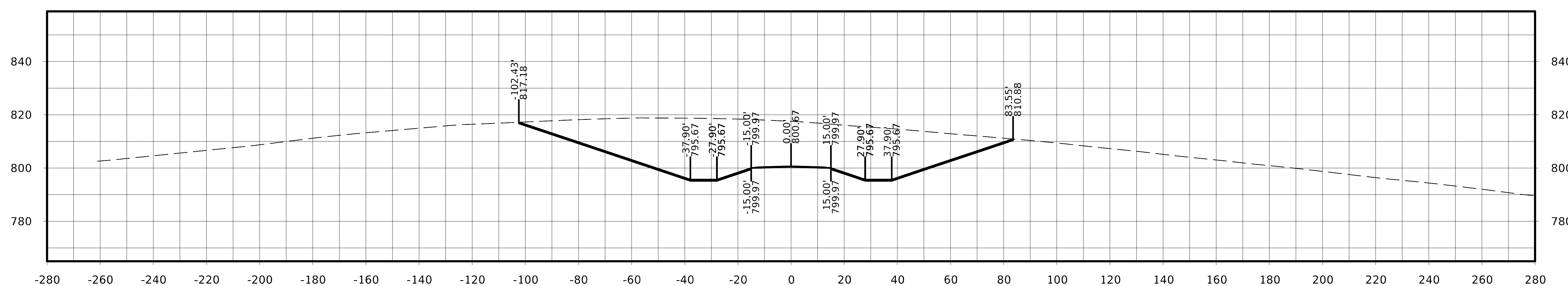
STA. 6025+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.559

Kirby Ave.



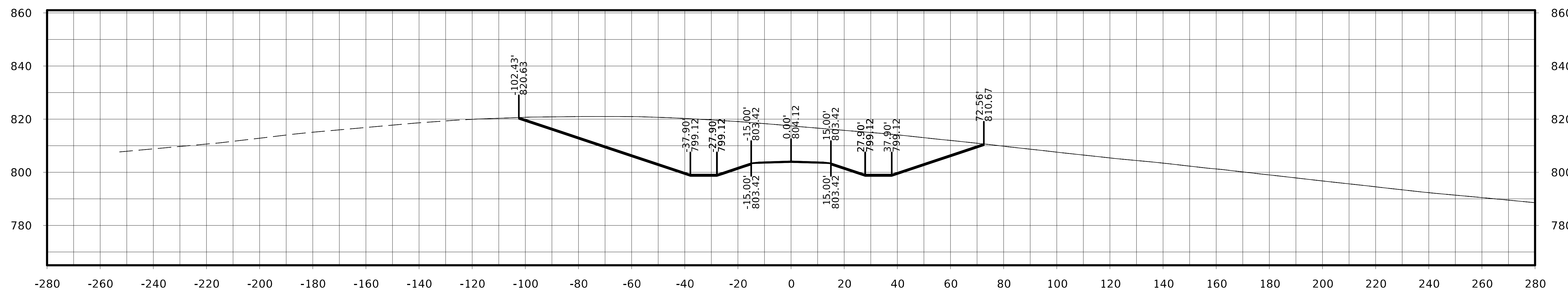
STA. 6026+50.00



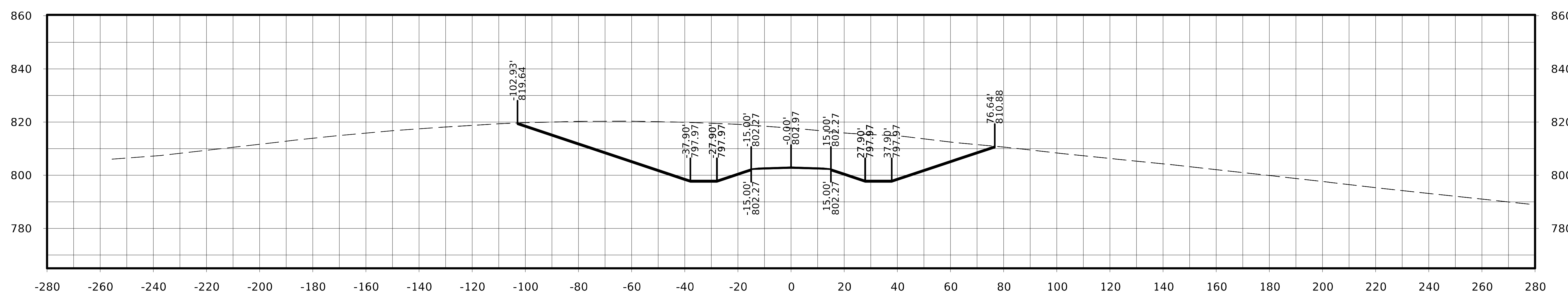
STA. 6026+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.560

Kirby Ave.

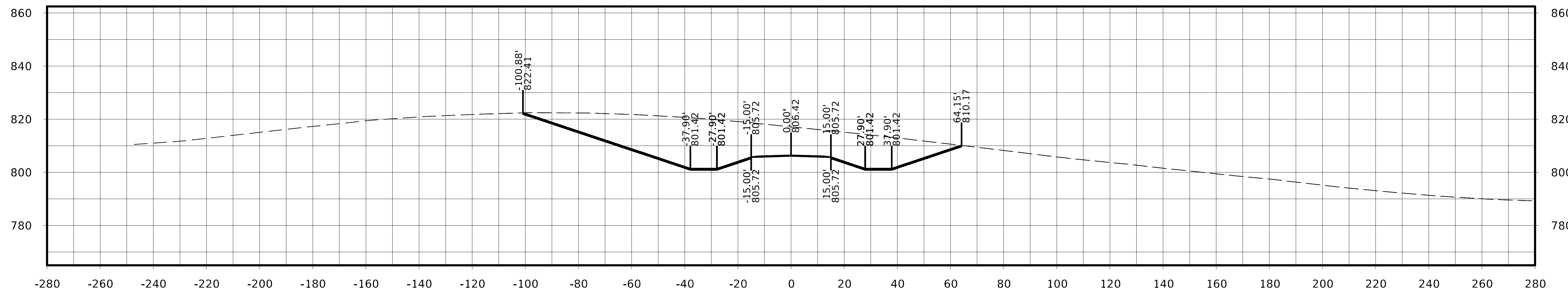


STA. 6027+00.00

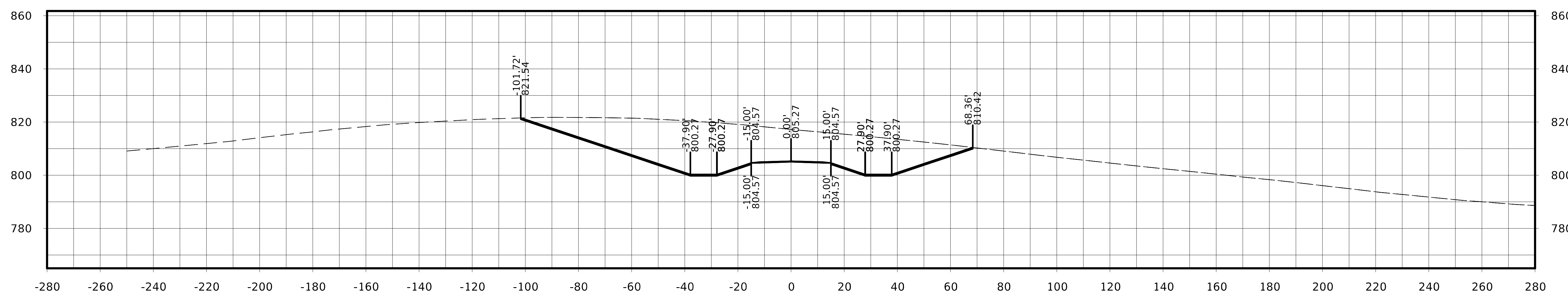


STA. 6026+75.00

Kirby Ave.

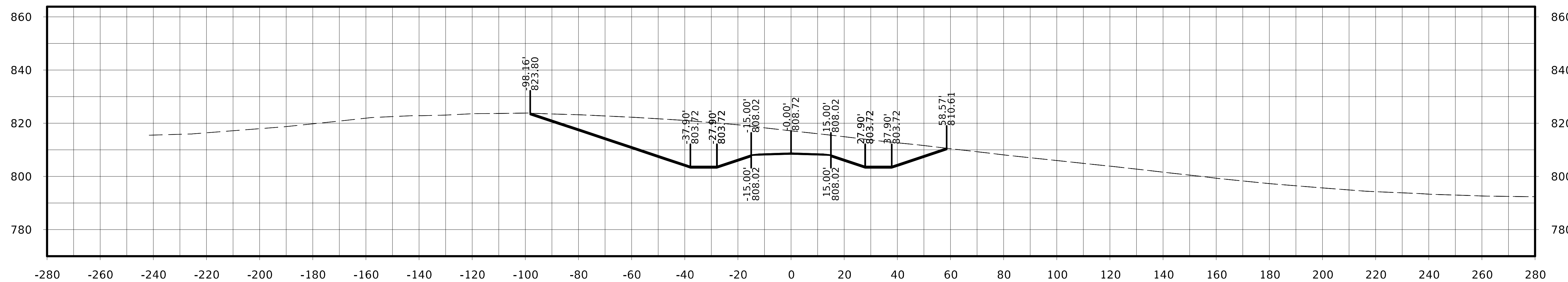


STA. 6027+50.00

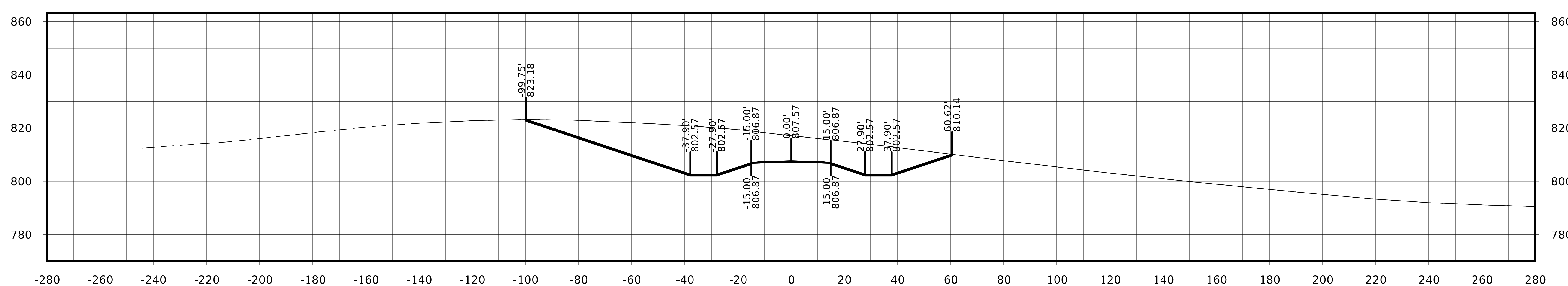


STA. 6027+25.00

Kirby Ave.



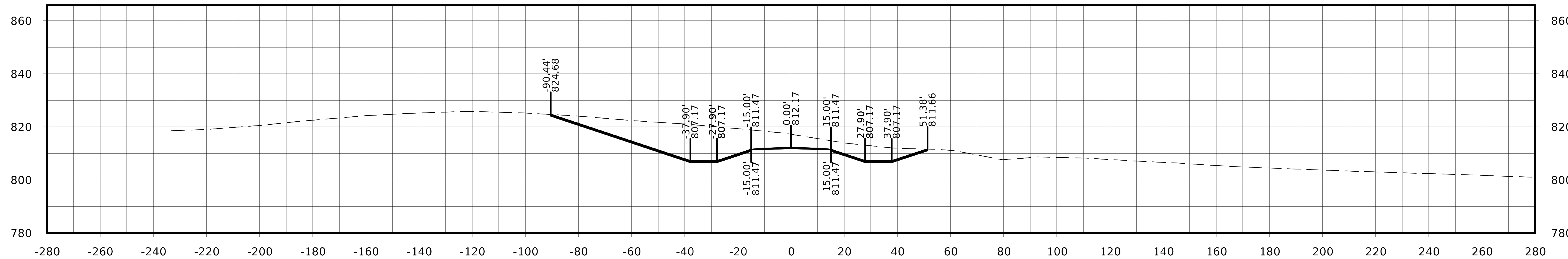
STA. 6028+00.00



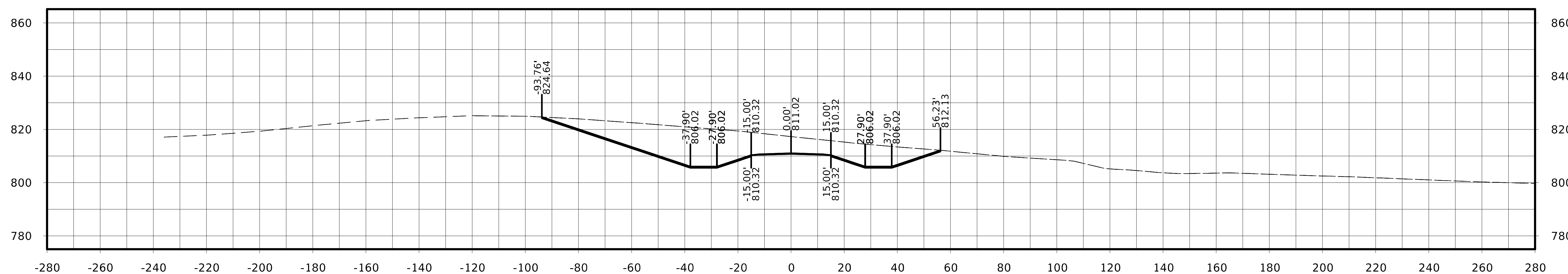
STA. 6027+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.563

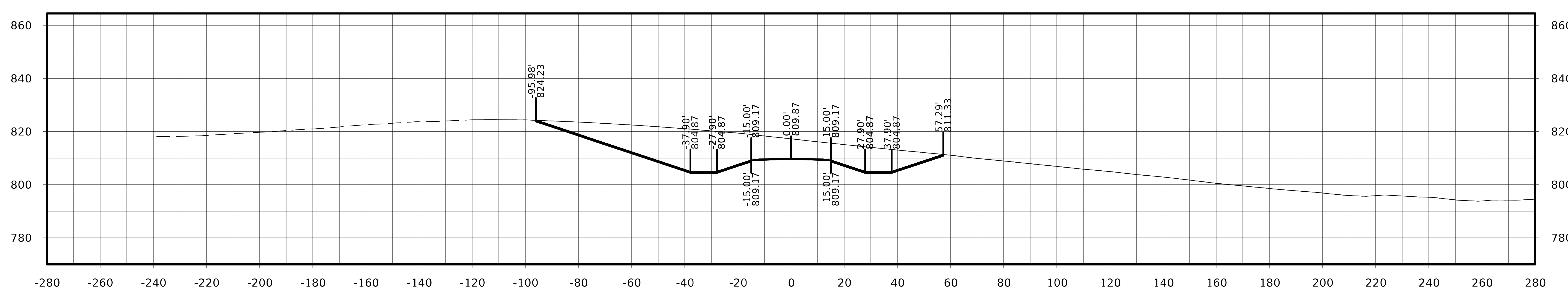
Kirby Ave.



STA. 6028+75.00



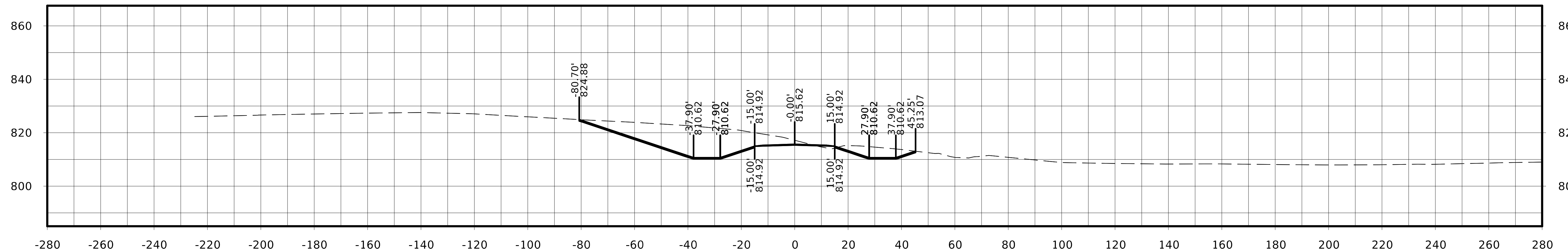
STA. 6028+50.00



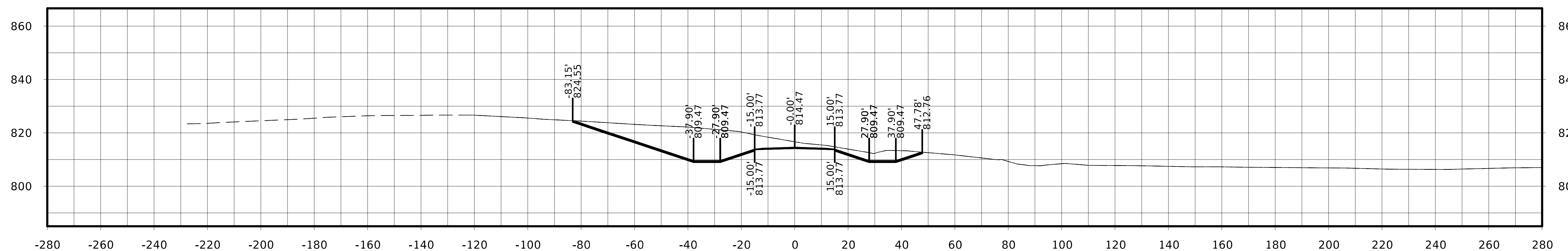
STA. 6028+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.564

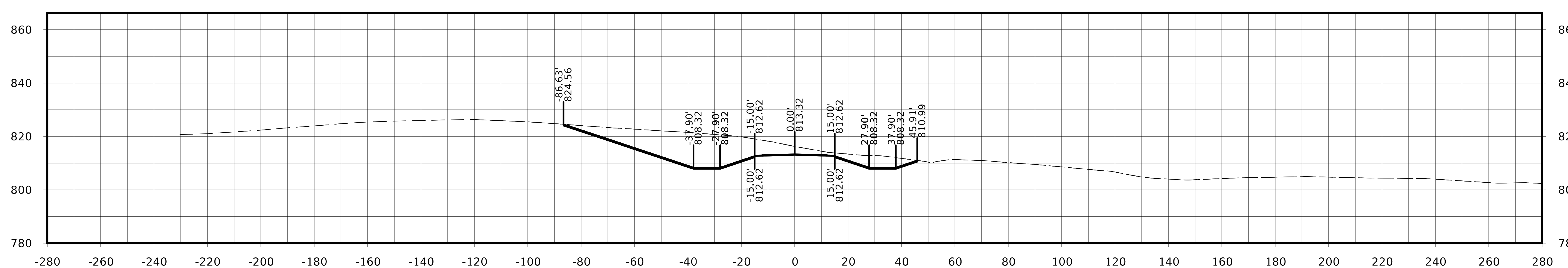
Kirby Ave.



STA. 6029+50.00



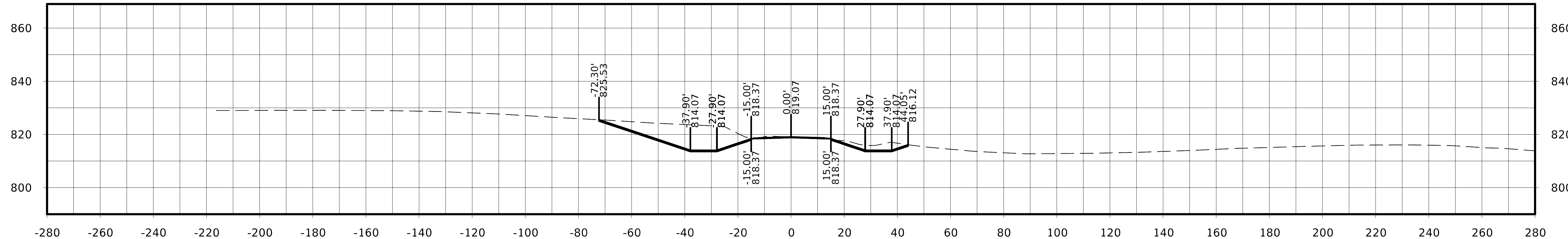
STA. 6029+25.00



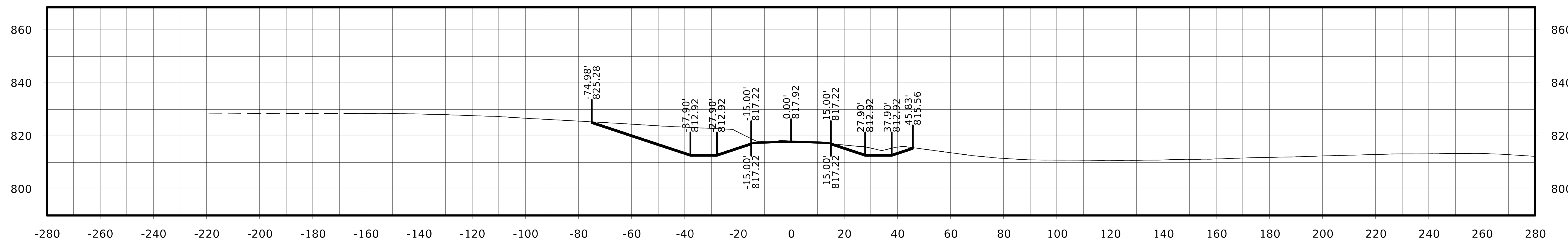
STA. 6029+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.565

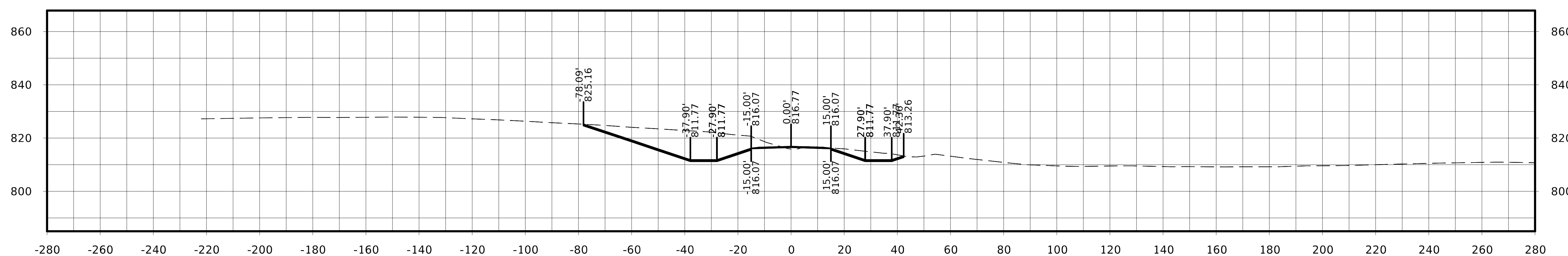
Kirby Ave.



STA. 6030+25.00



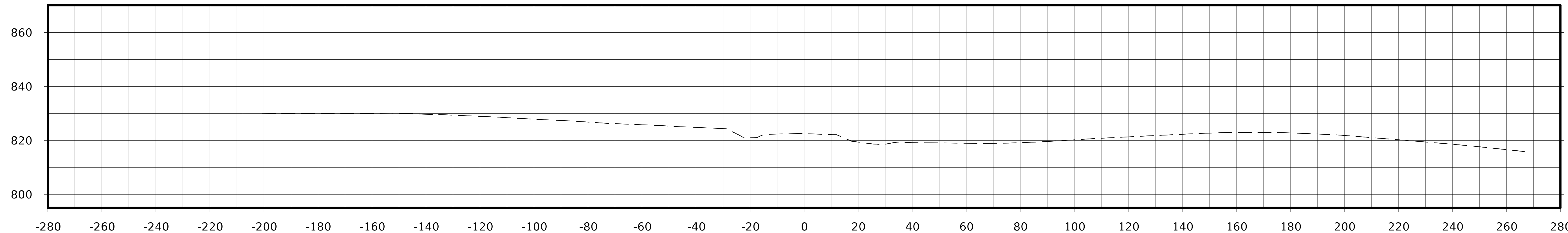
STA. 6030+00.00



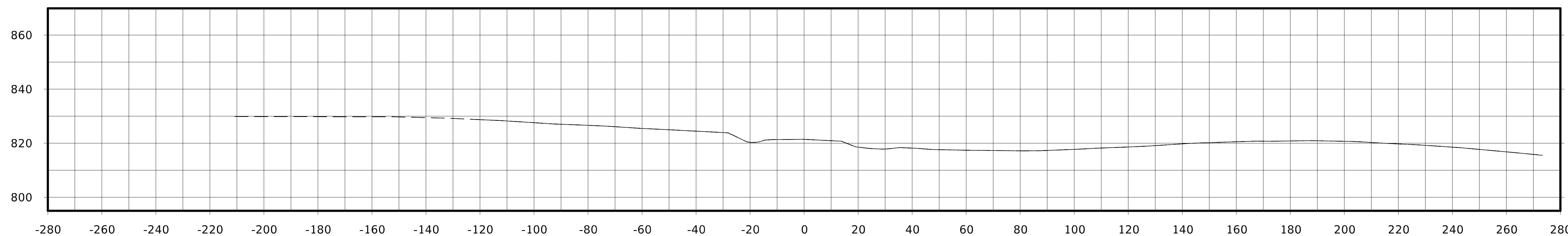
STA. 6029+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.566

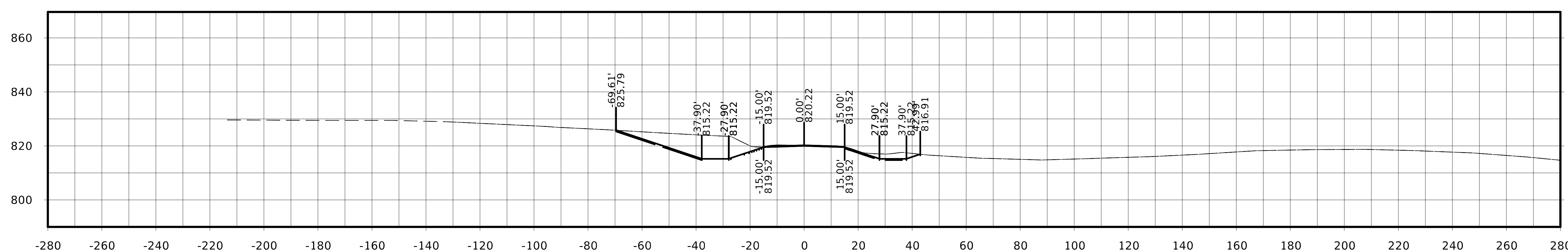
Kirby Ave.



STA. 6031+00.00

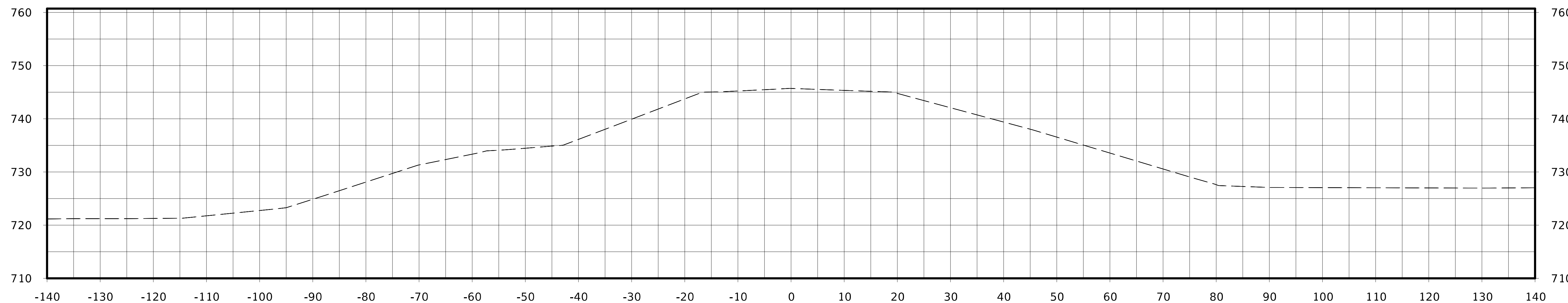


STA. 6030+75.00

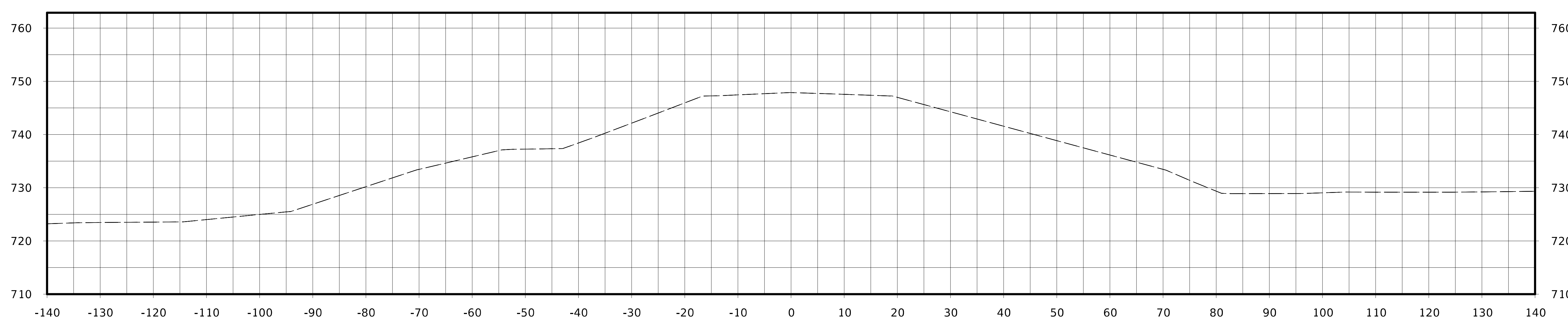


STA. 6030+50.00

220th St.



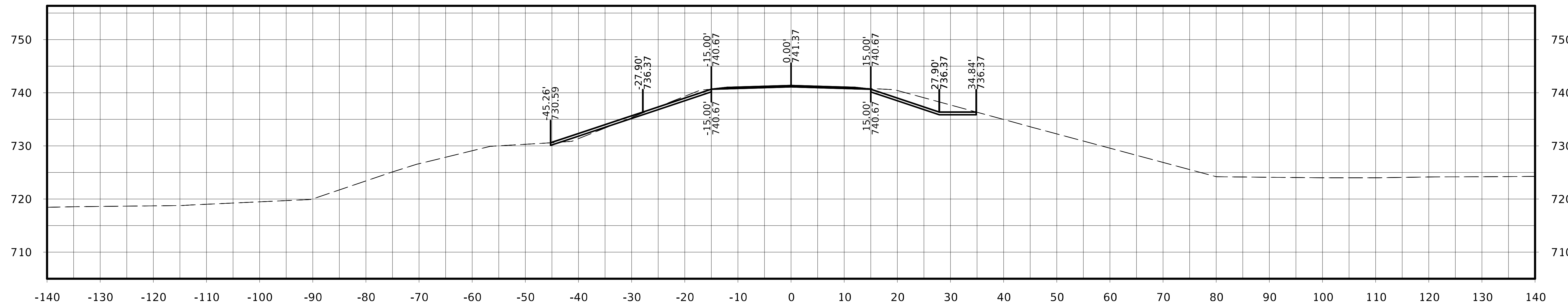
STA. 7004+00.00



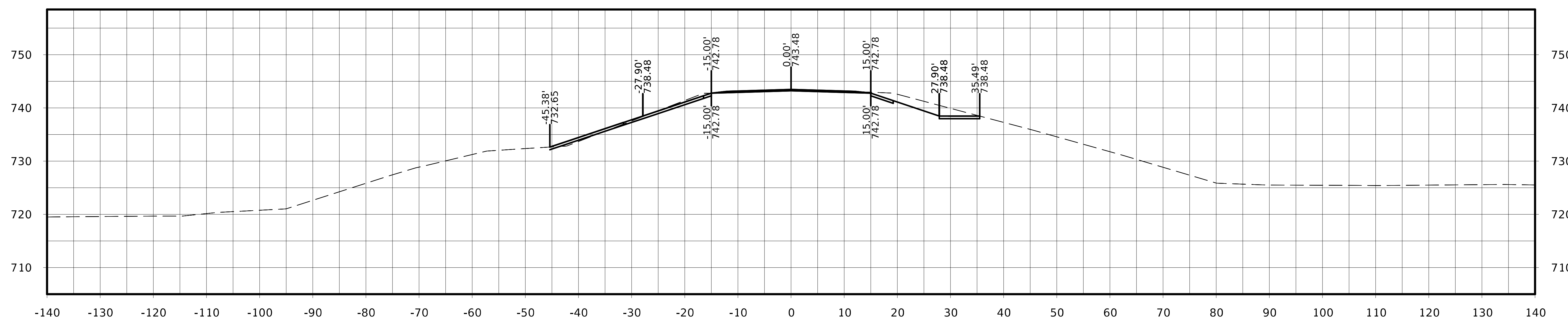
STA. 7003+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.568

220th St.



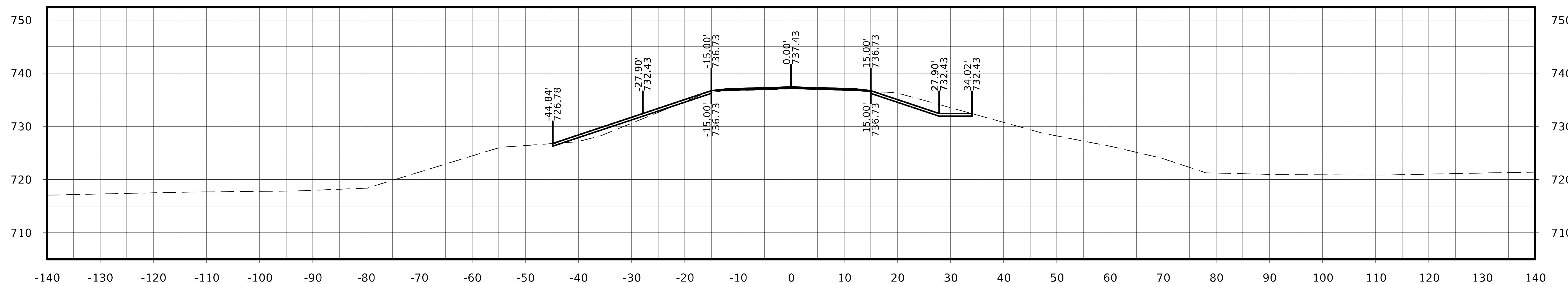
STA. 7004+50.00



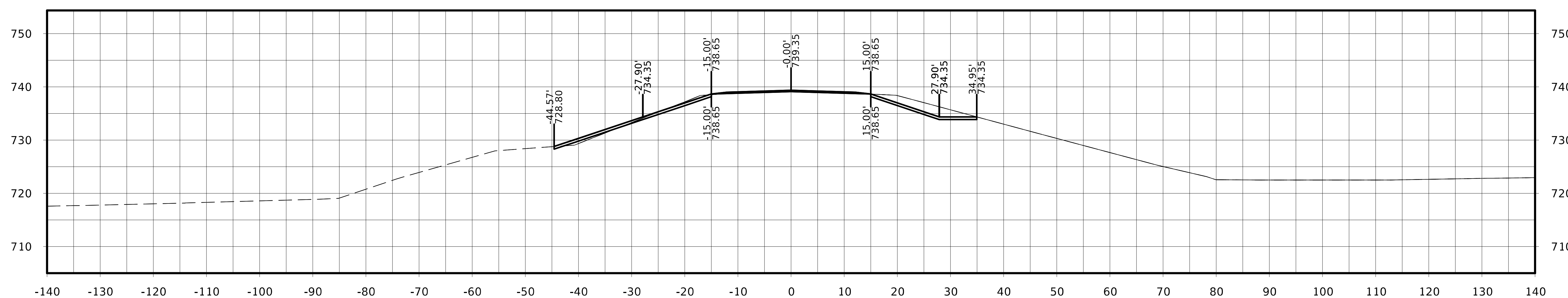
STA. 7004+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.569

220th St.



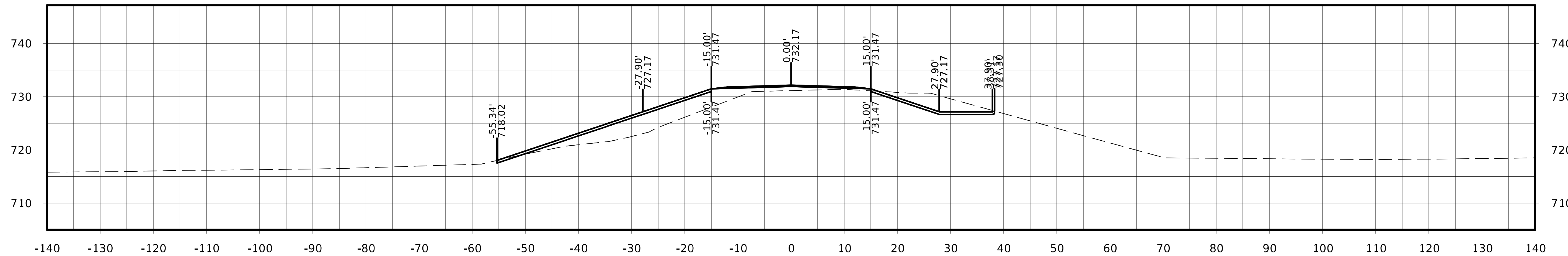
STA. 7005+00.00



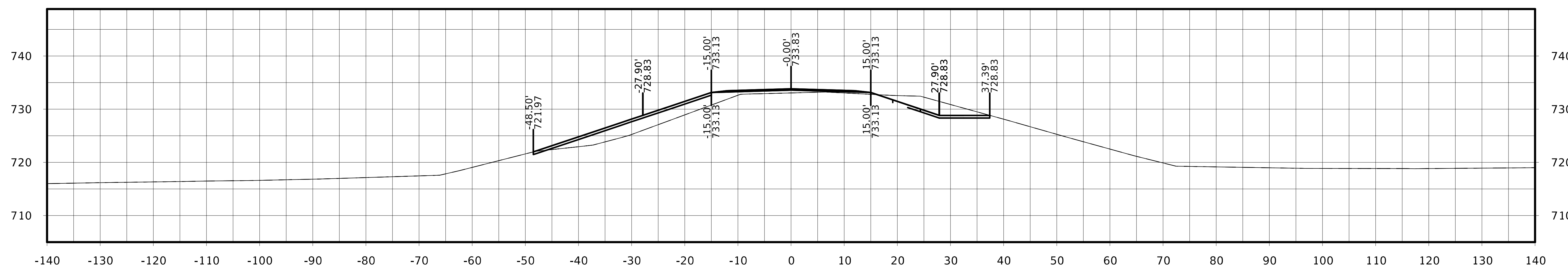
STA. 7004+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.570	

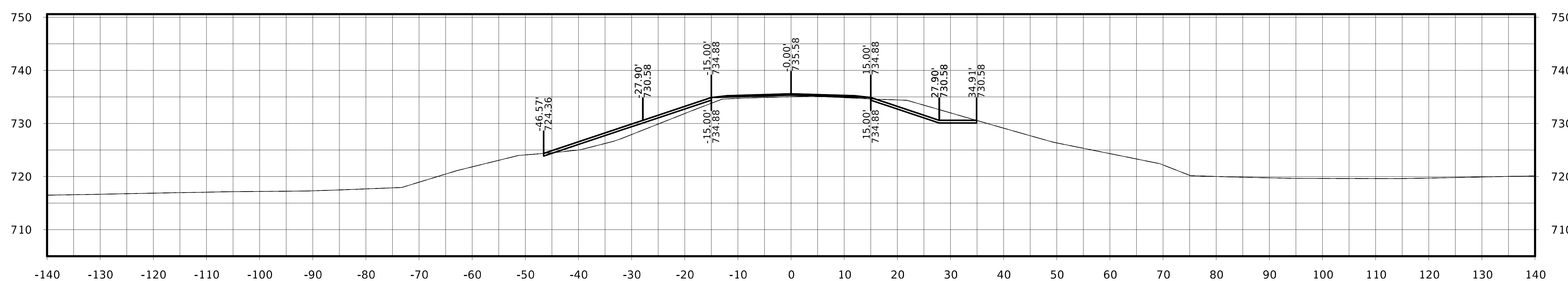
220th St.



STA. 7005+75.00



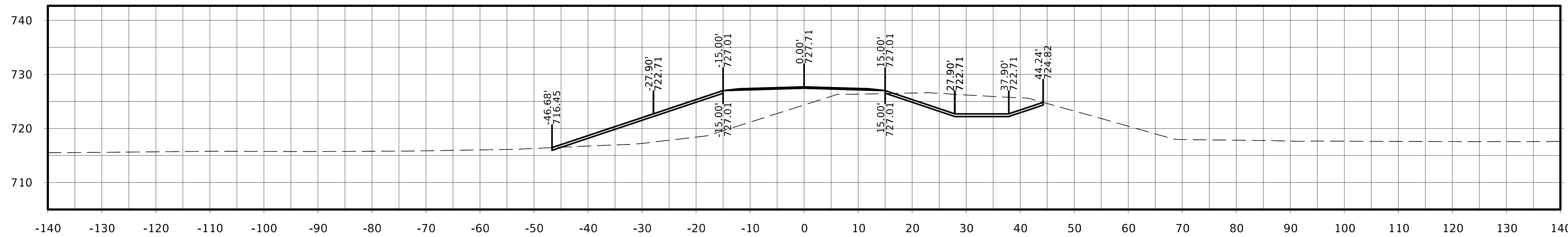
STA. 7005+50.00



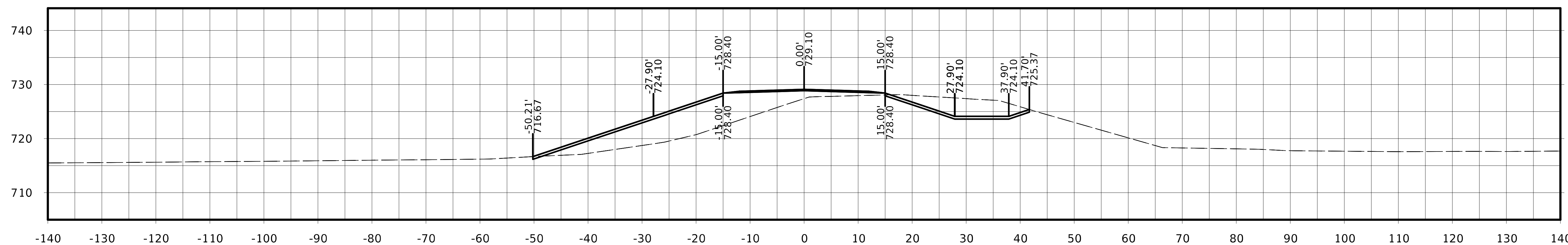
STA. 7005+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.571

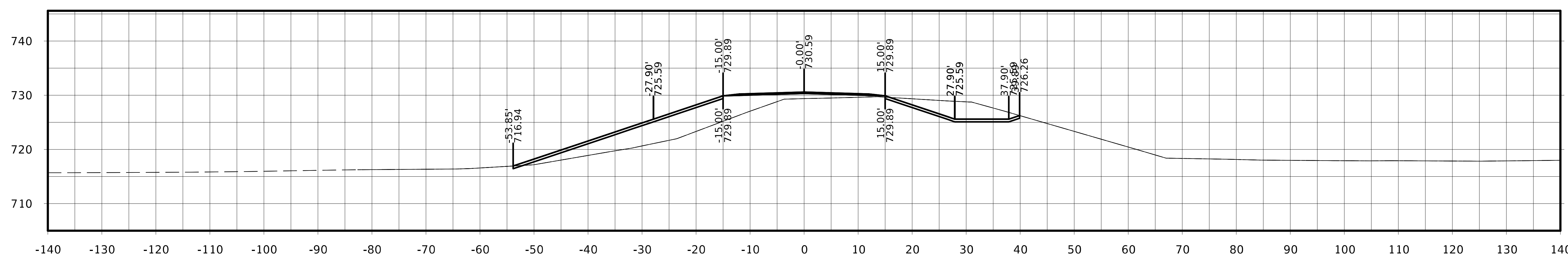
220th St.



STA. 7006+50.00



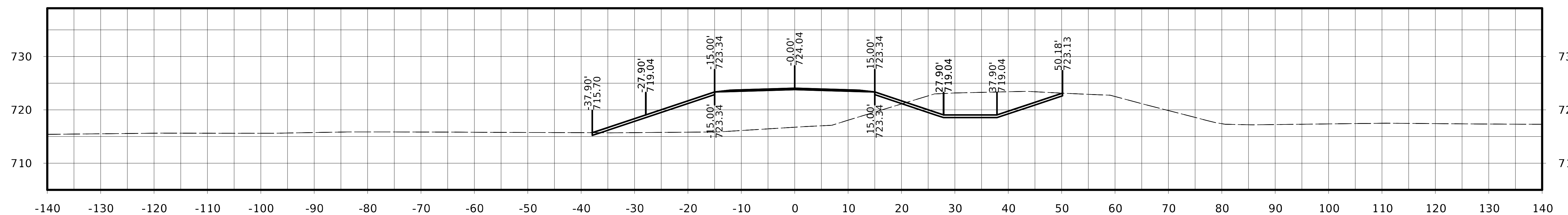
STA. 7006+25.00



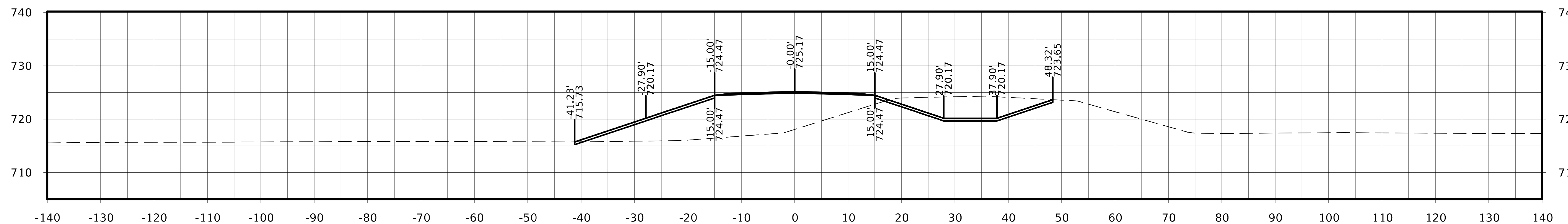
STA. 7006+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.572

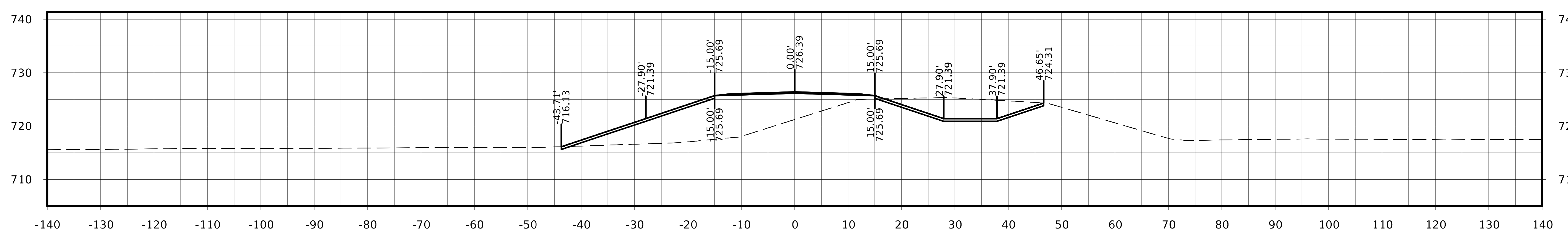
220th St.



STA. 7007+25.00



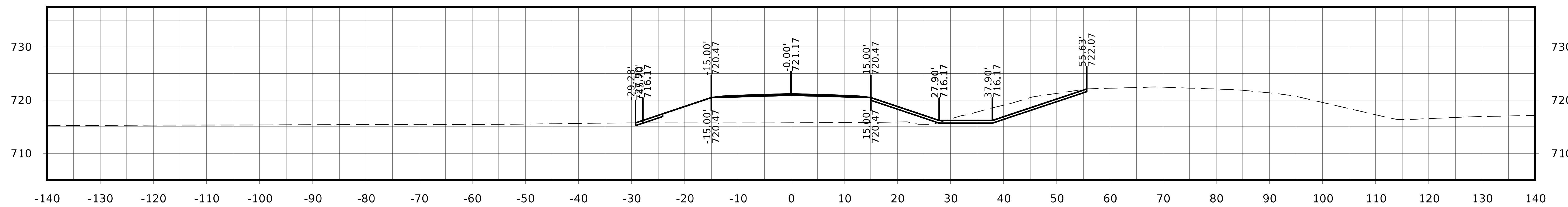
STA. 7007+00.00

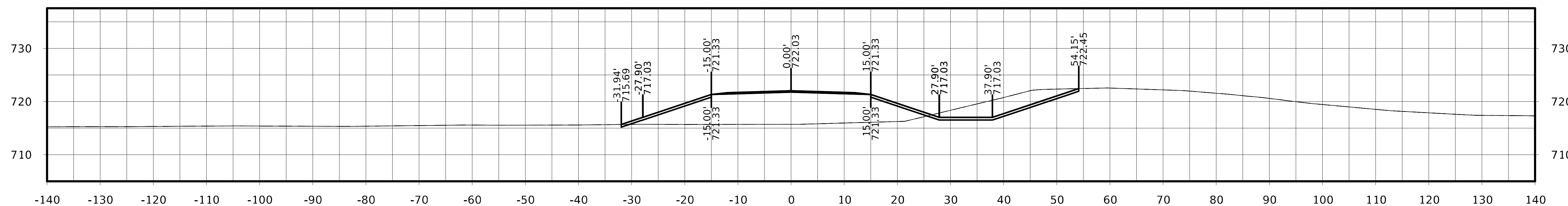


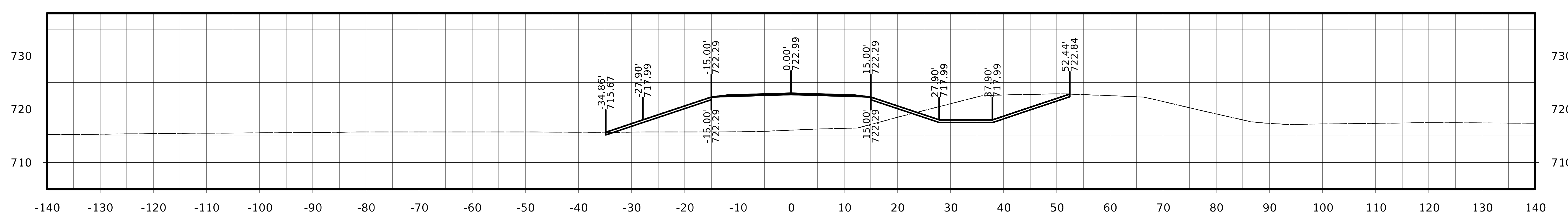
STA. 7006+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.573

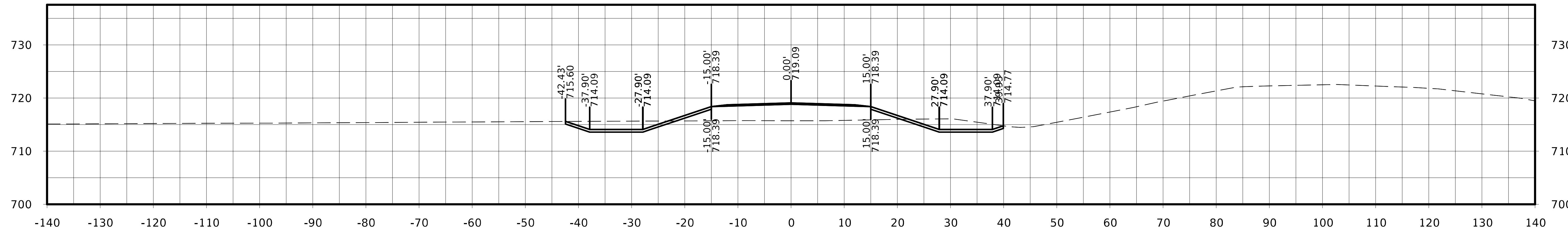
220th St.



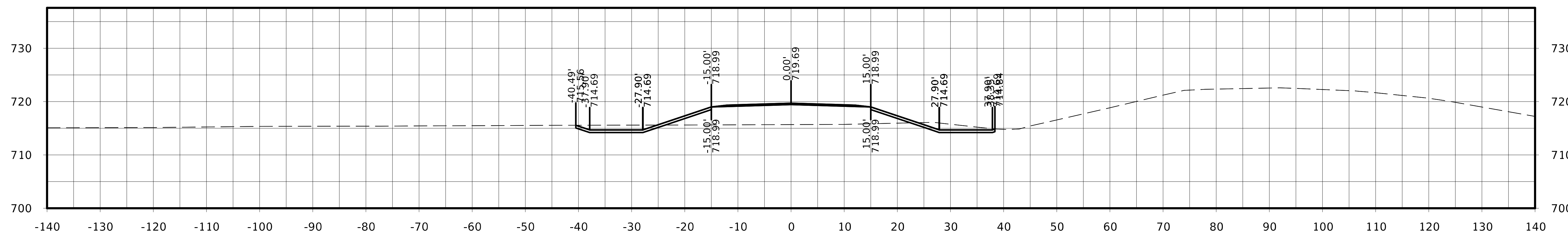




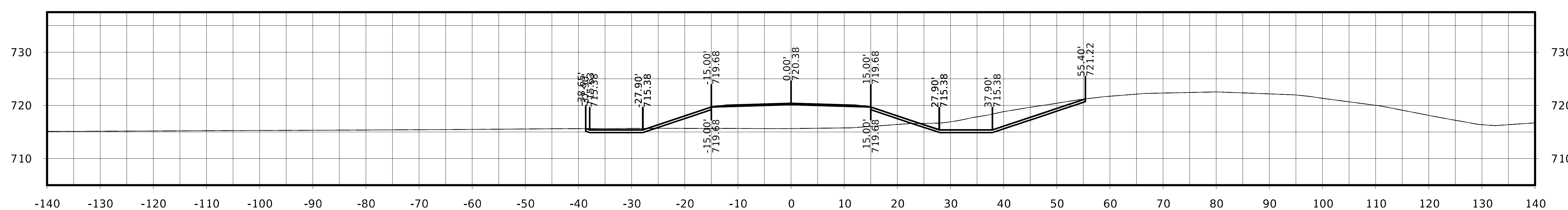
220th St.



STA. 7008+75.00

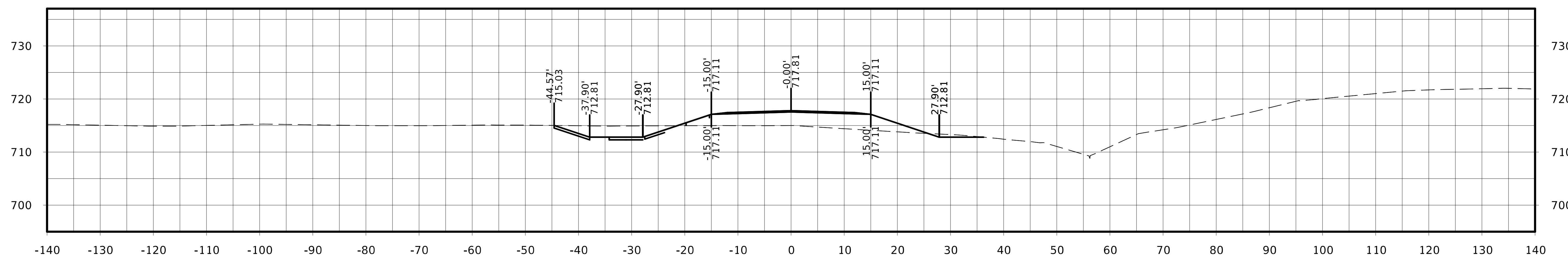


STA. 7008+50.00

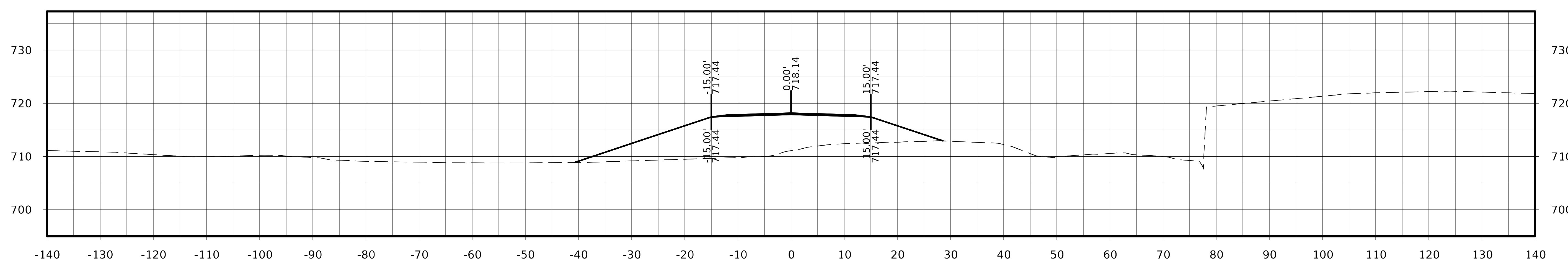


STA. 7008+25.00

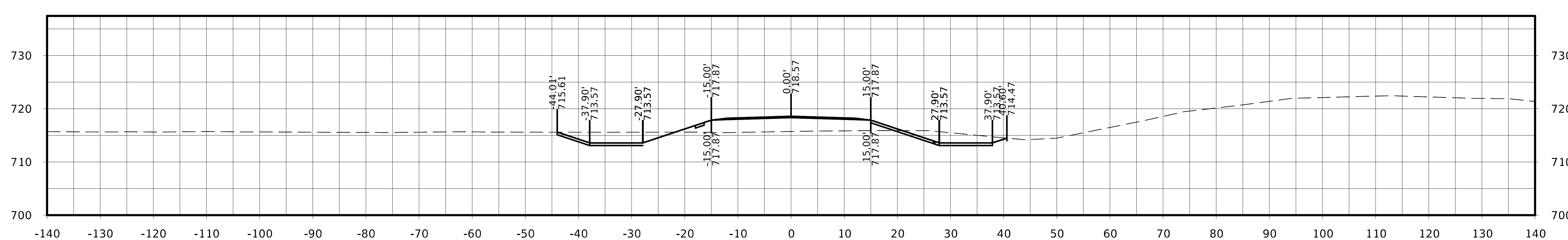
220th St.



STA. 7009+50.00



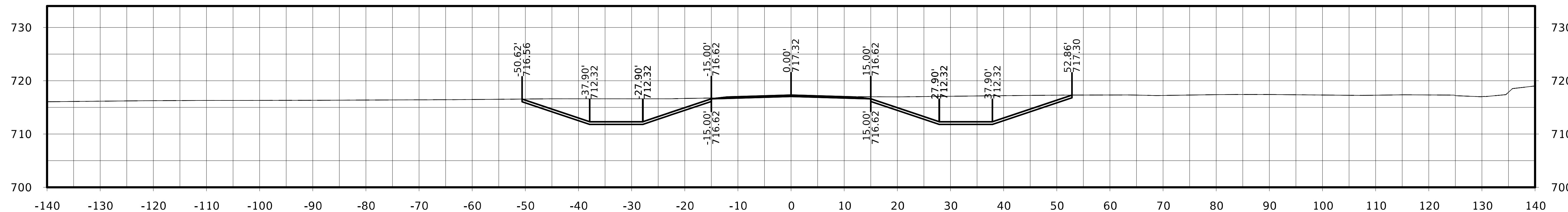
STA. 7009+25.00



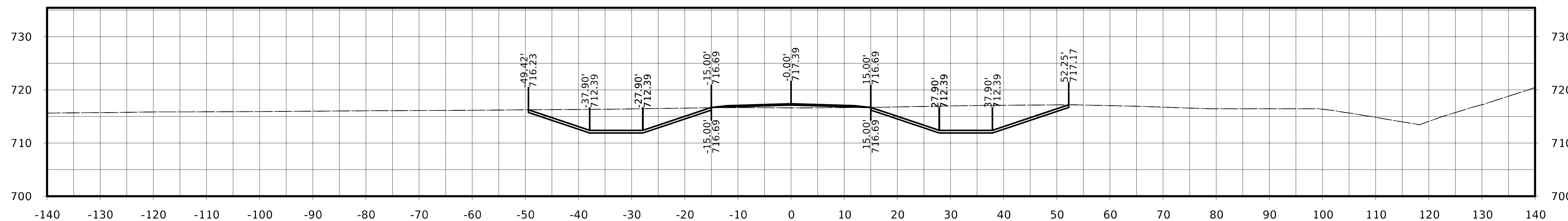
STA. 7009+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.576

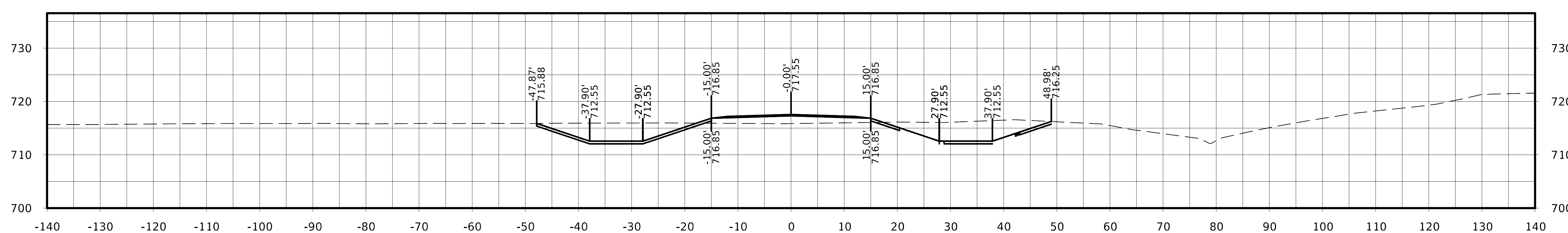
220th St.



STA. 7010+25.00



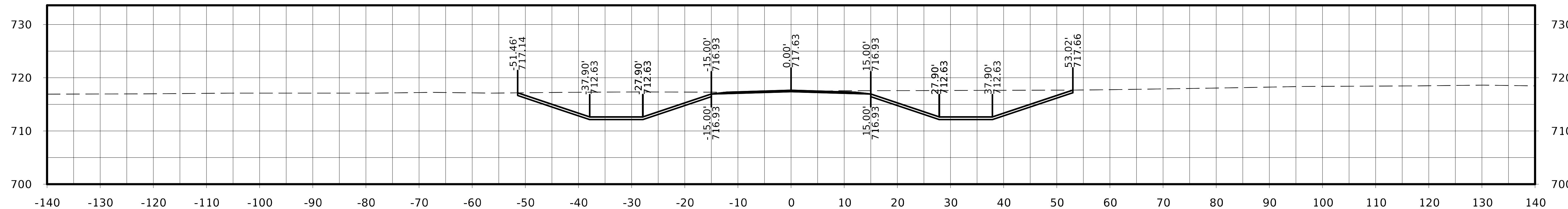
STA. 7010+00.00



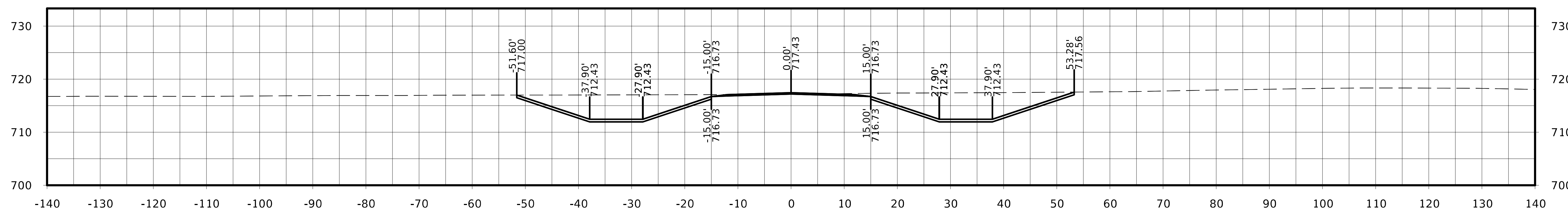
STA. 7009+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.577

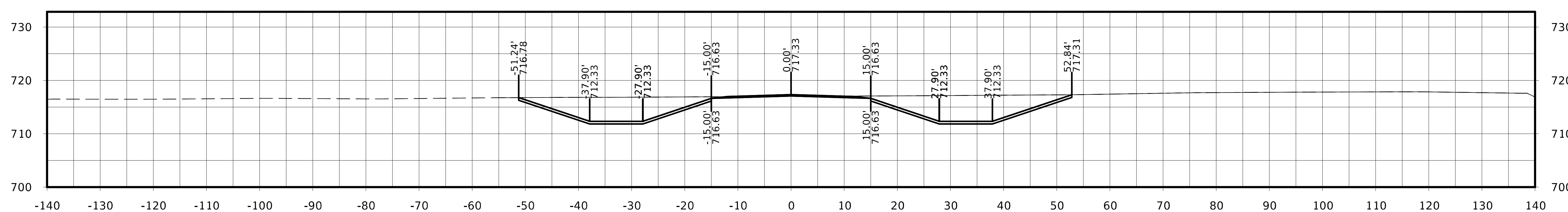
220th St.



STA. 7011+00.00



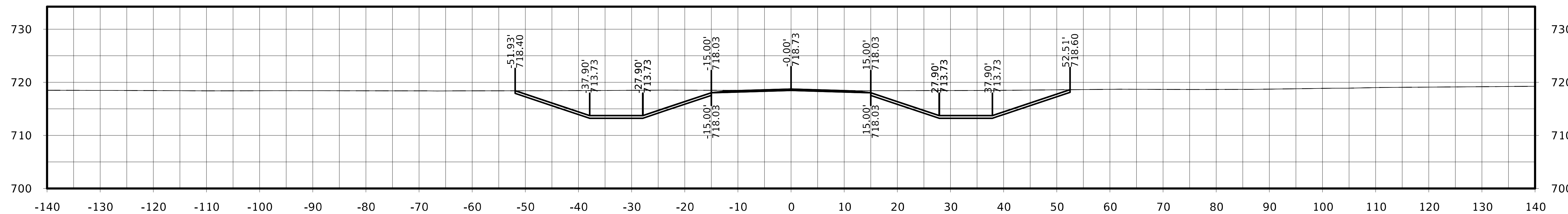
STA. 7010+75.00



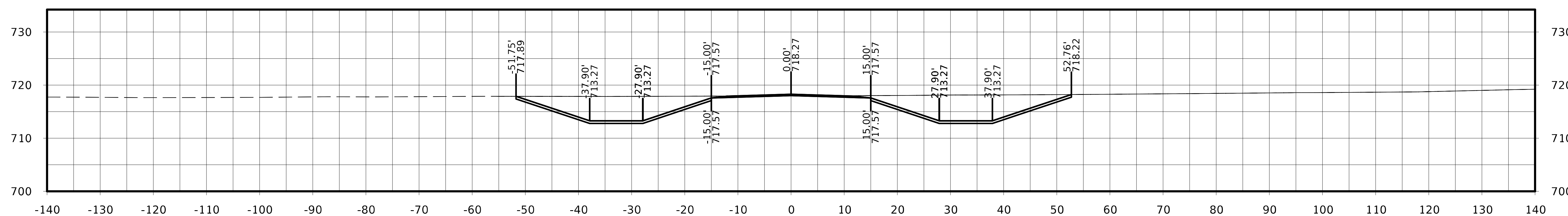
STA. 7010+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.578

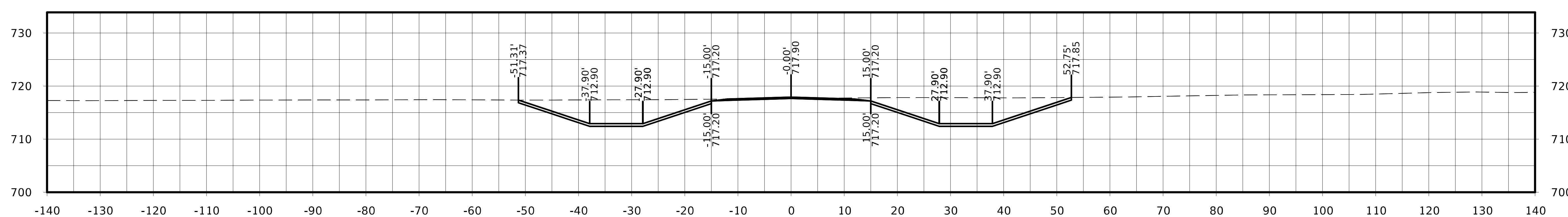
220th St.



STA. 7011+75.00



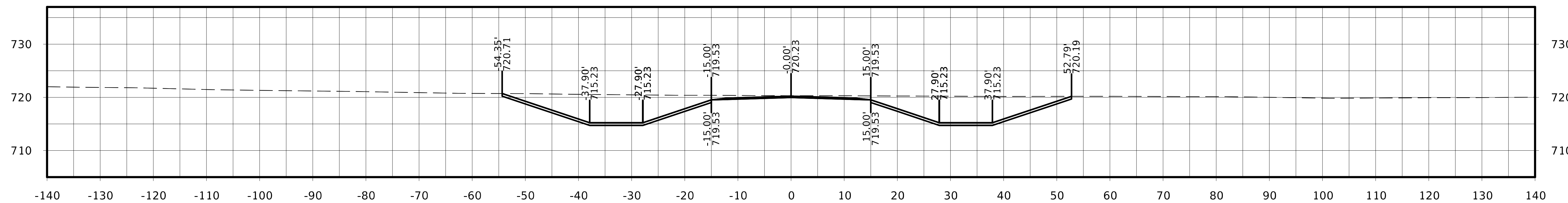
STA. 7011+50.00



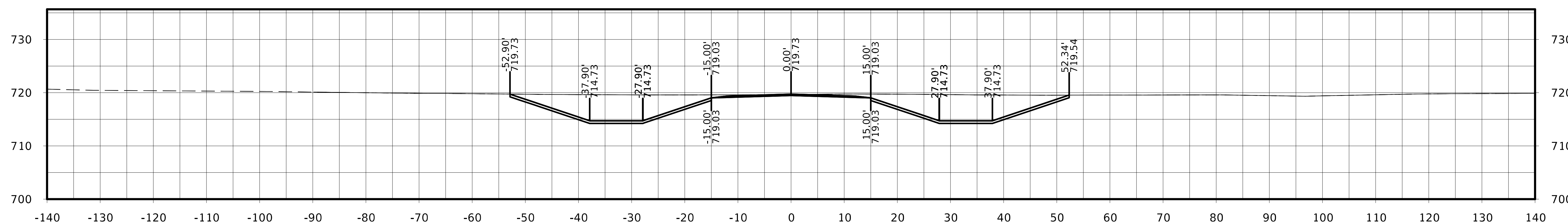
STA. 7011+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.579

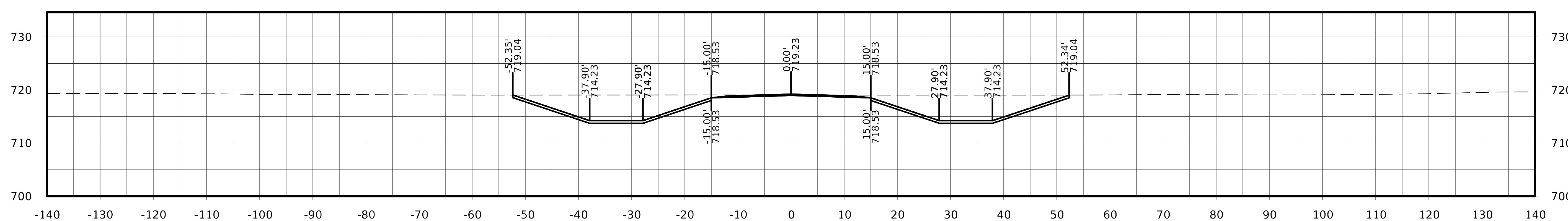
220th St.



STA. 7012+50.00



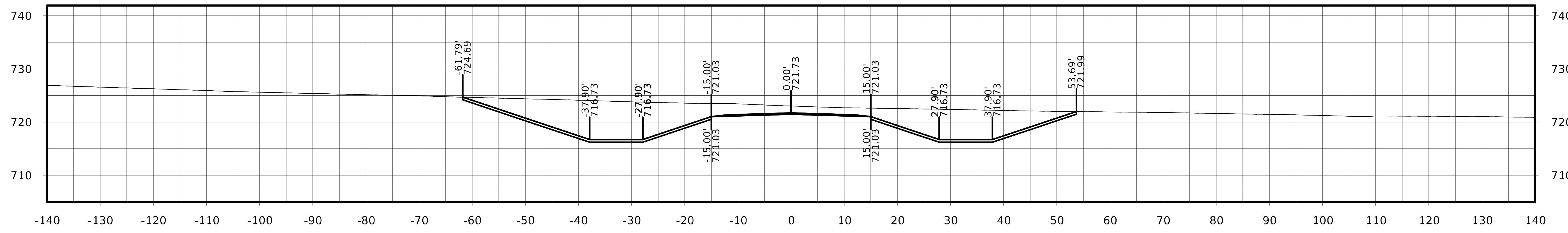
STA. 7012+25.00



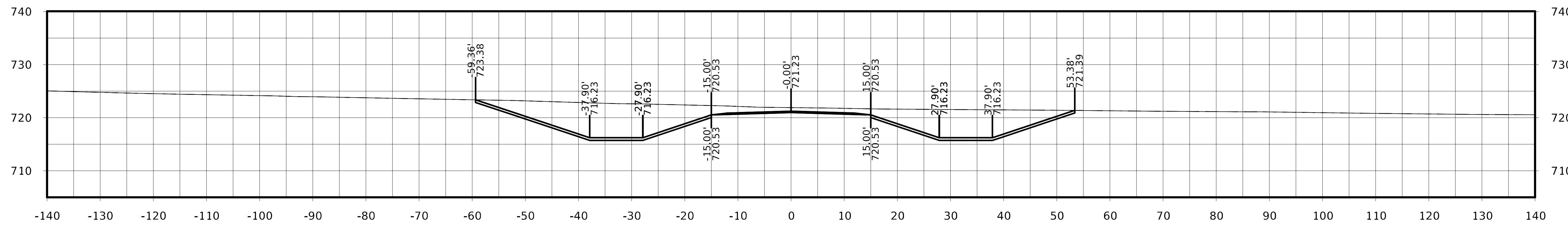
STA. 7012+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.580

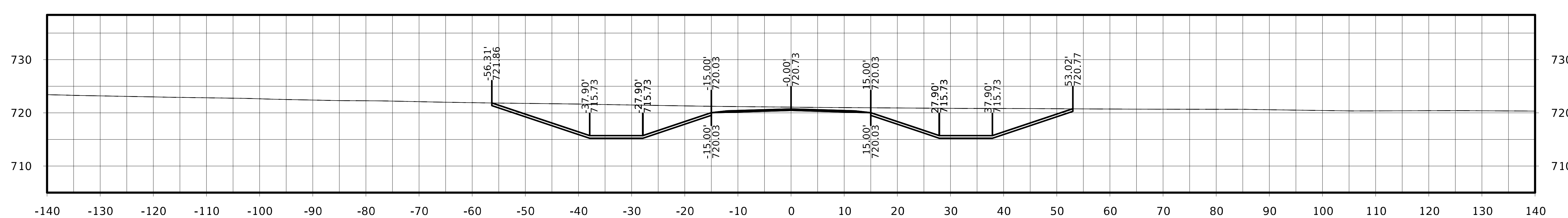
220th St.



STA. 7013+25.00

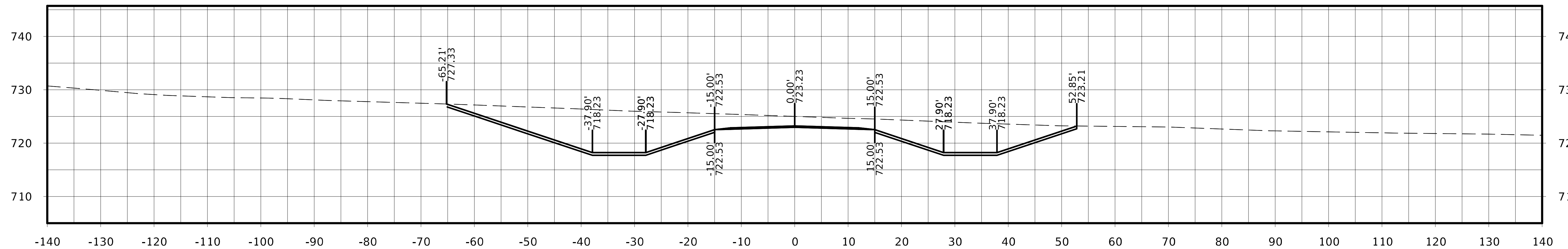


STA. 7013+00.00

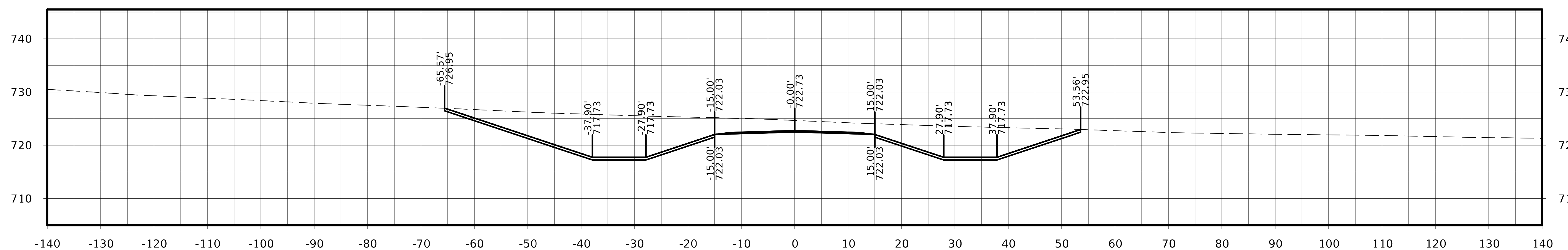


STA. 7012+75.00

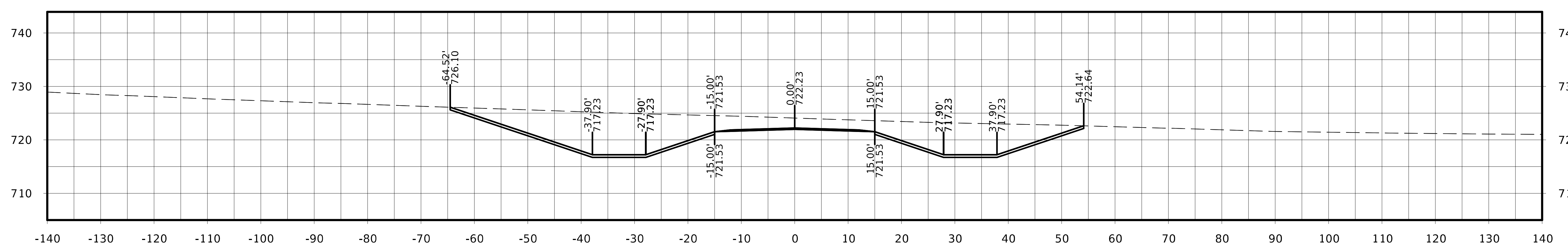
220th St.



STA. 7014+00.00



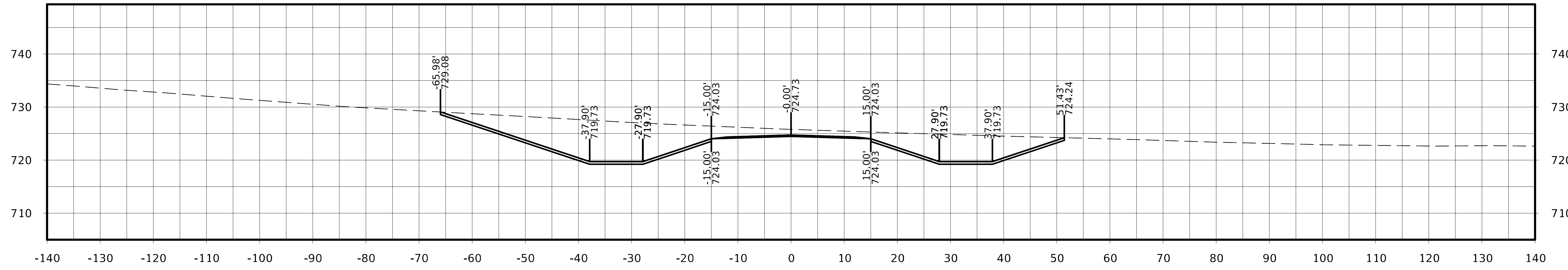
STA. 7013+75.00



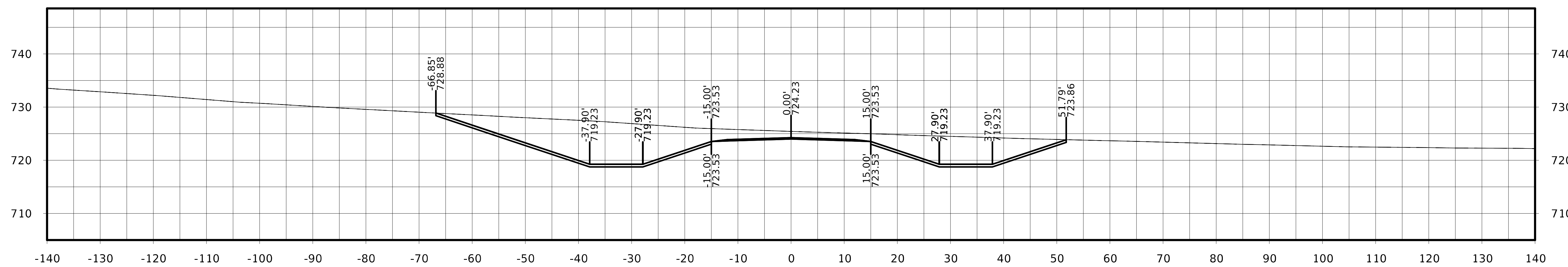
STA. 7013+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.582

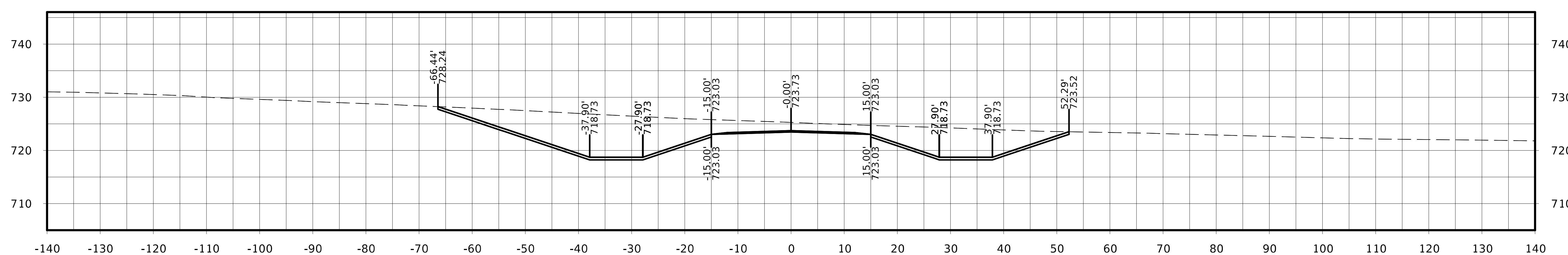
220th St.



STA. 7014+75.00

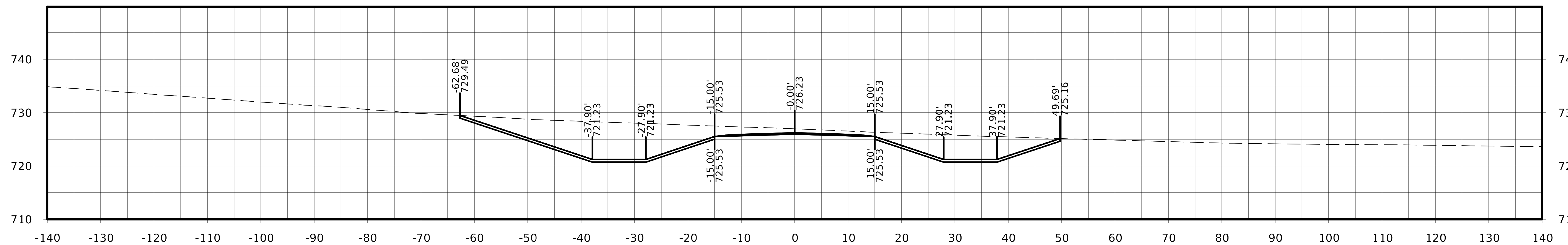


STA. 7014+50.00

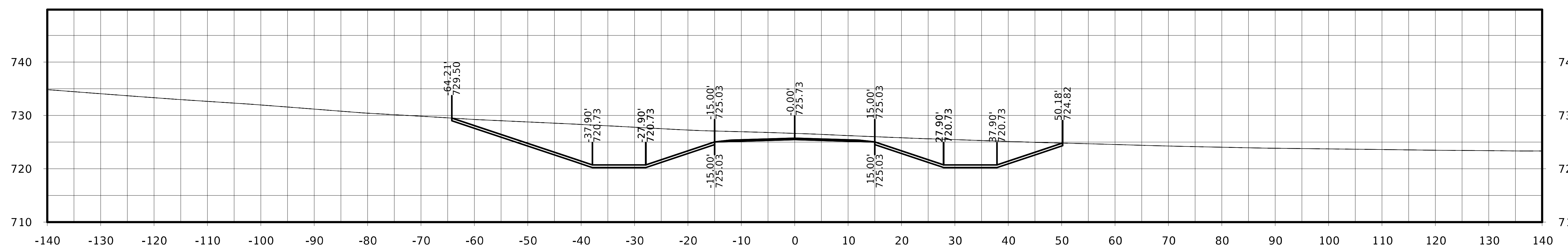


STA. 7014+25.00

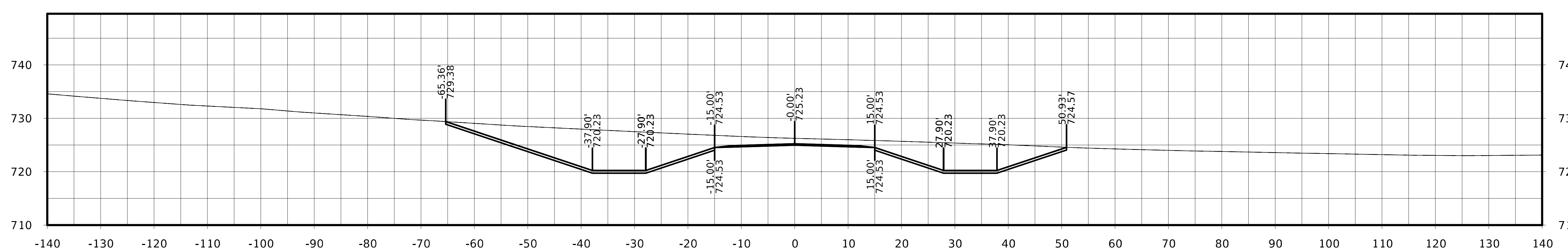
220th St.



STA. 7015+50.00



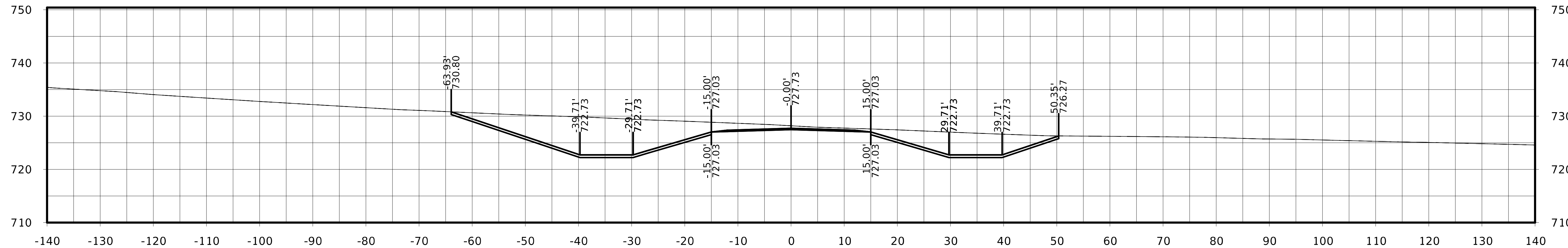
STA. 7015+25.00



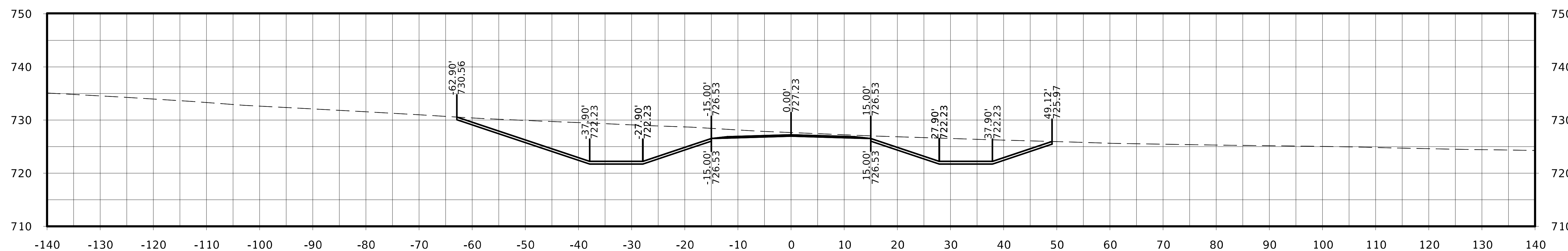
STA. 7015+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.584

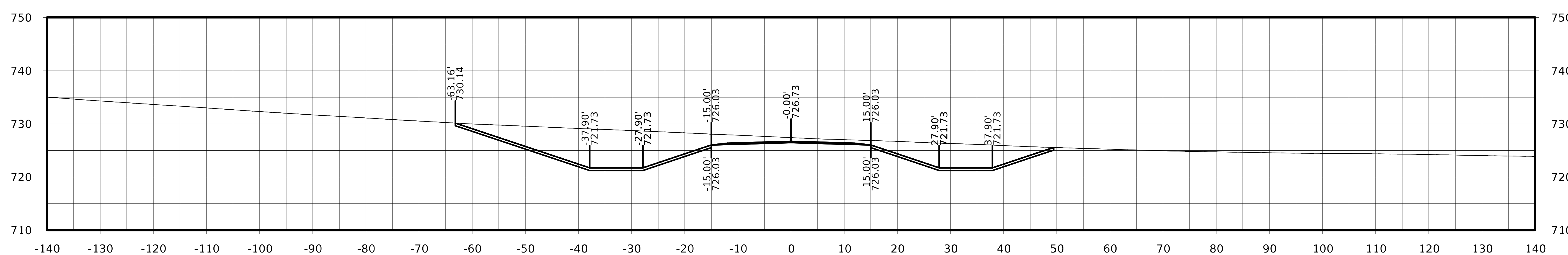
220th St.



STA. 7016+25.00



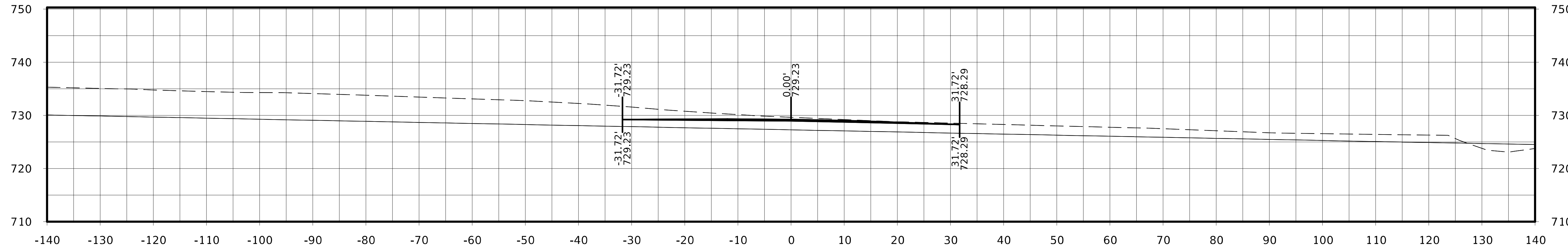
STA. 7016+00.00



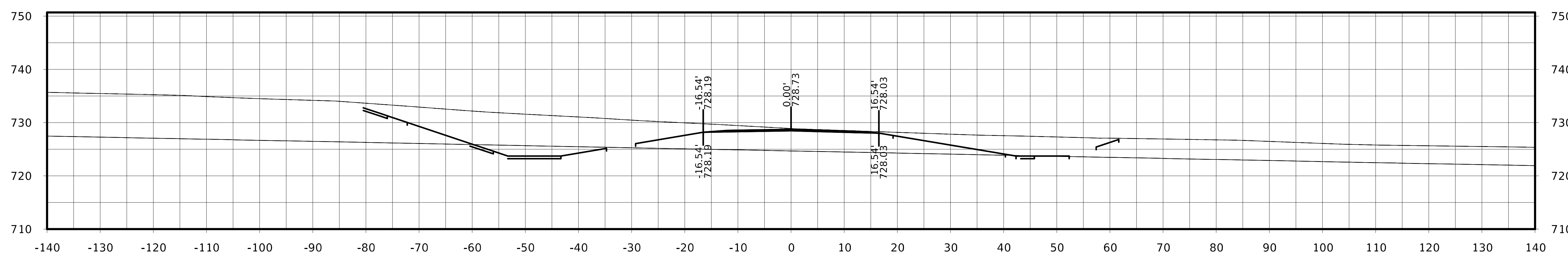
STA. 7015+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.585

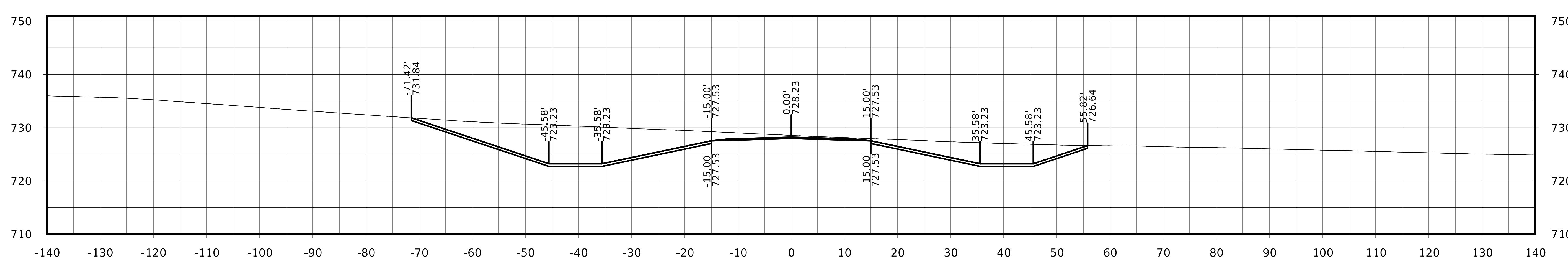
220th St.



STA. 7017+00.00

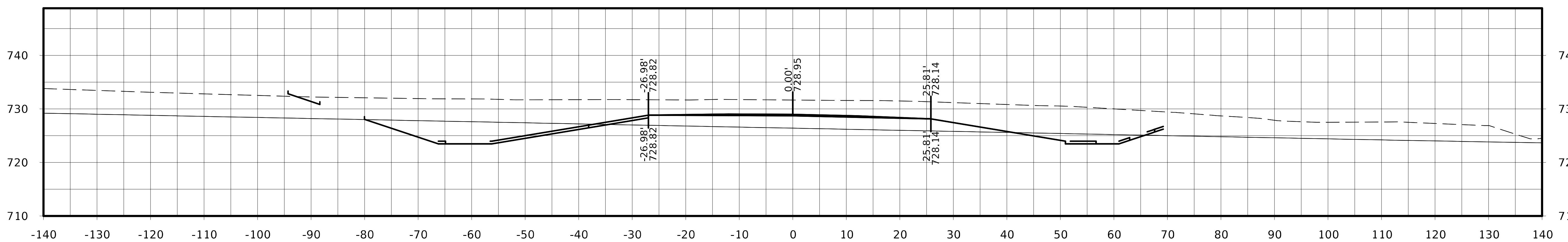


STA. 7016+75.00

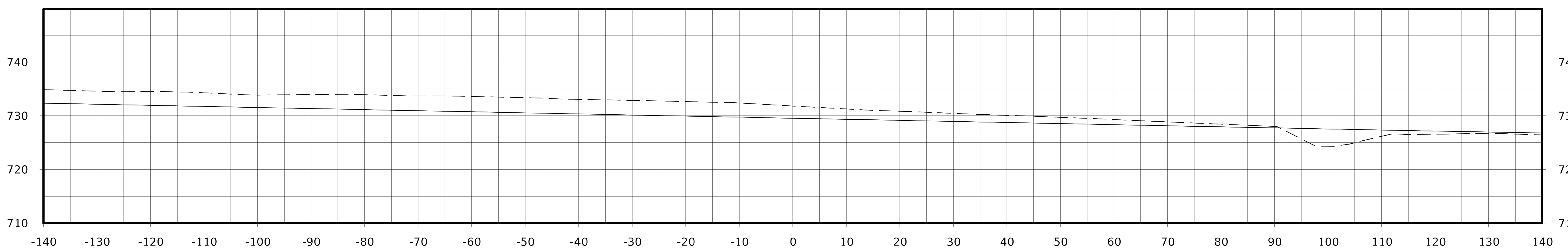


STA. 7016+50.00

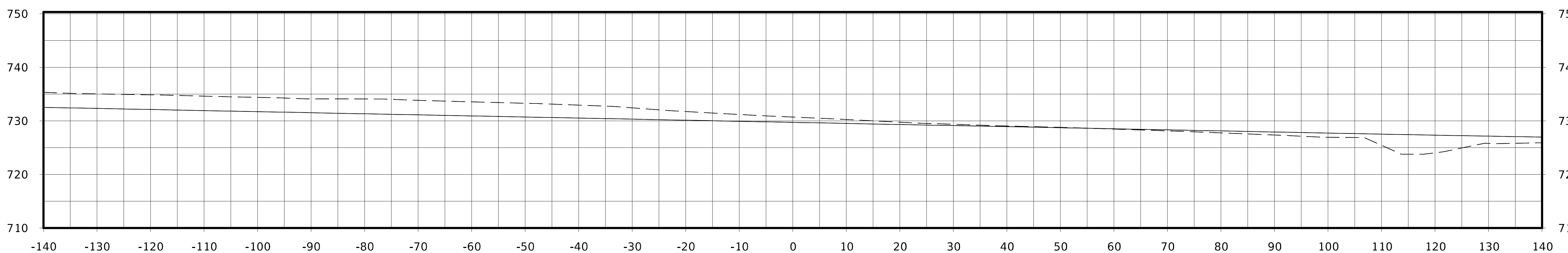
220th St.



STA. 7017+75.00



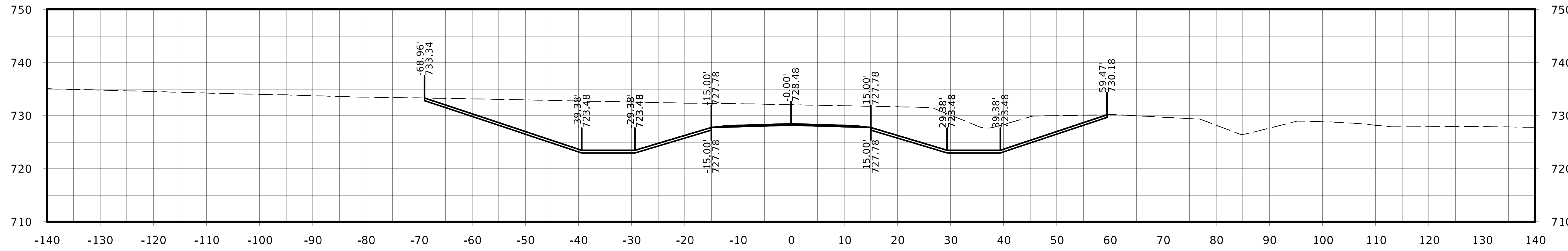
STA. 7017+50.00



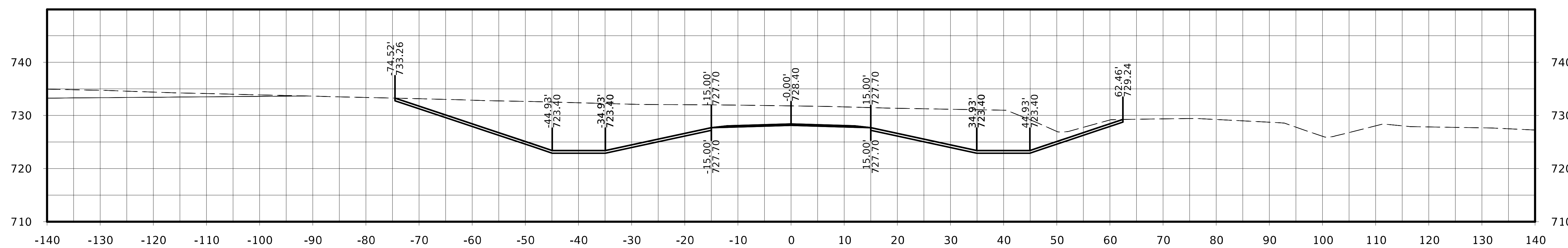
STA. 7017+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.587

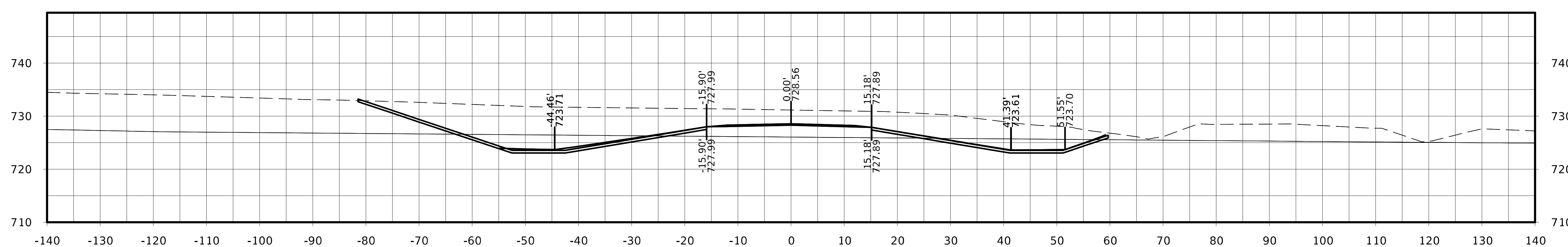
220th St.



STA. 7018+50.00



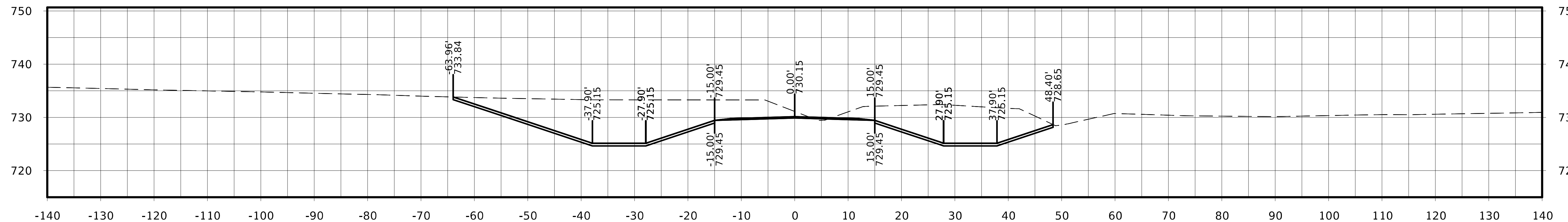
STA. 7018+25.00



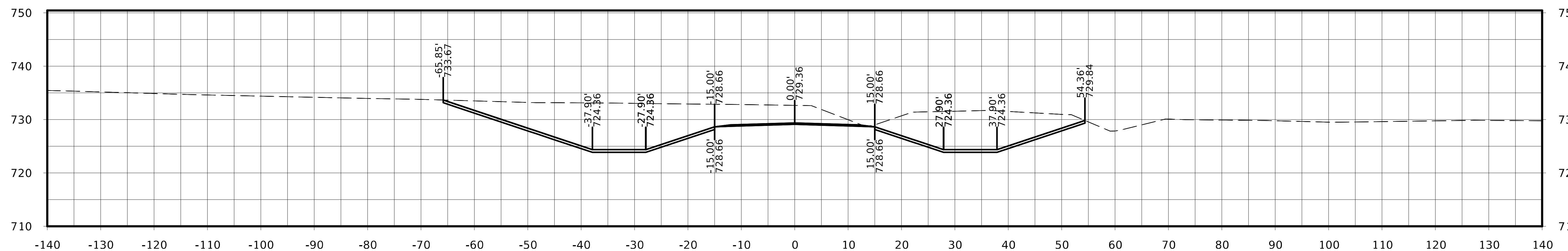
STA. 7018+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.588

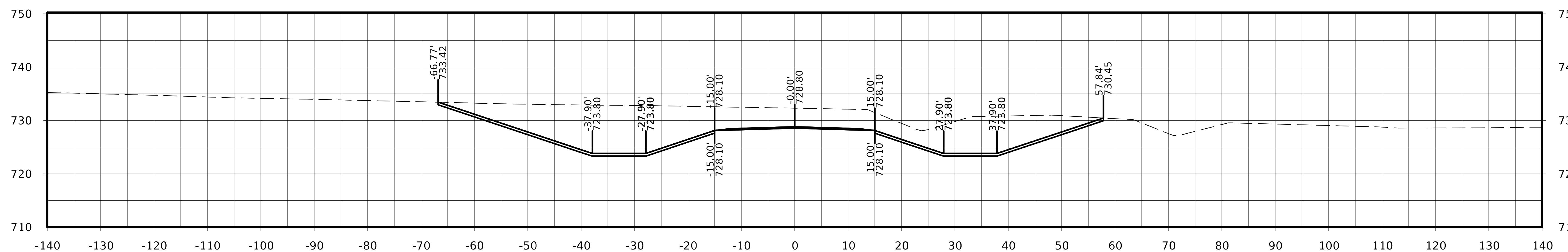
220th St.



STA. 7019+25.00



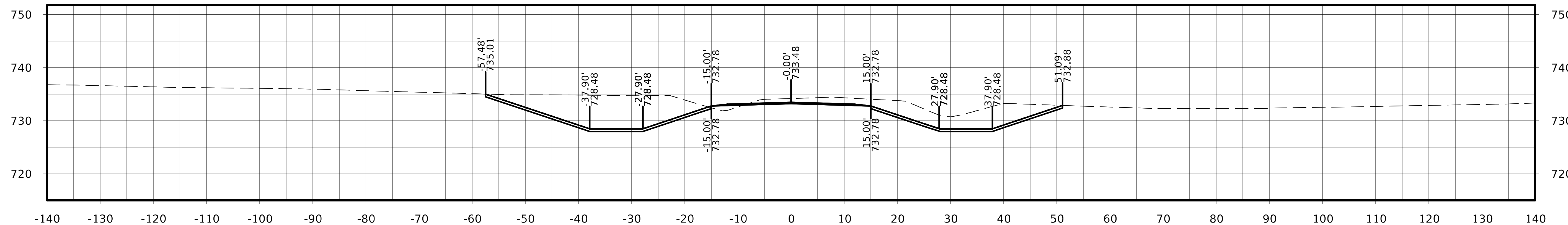
STA. 7019+00.00



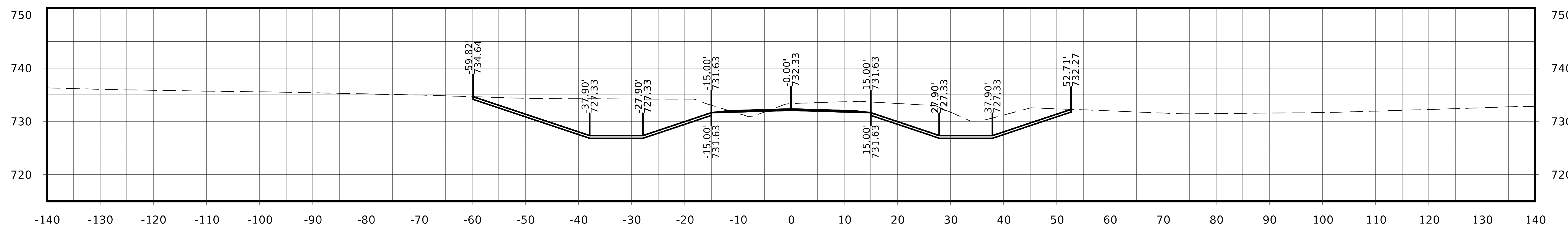
STA. 7018+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.589

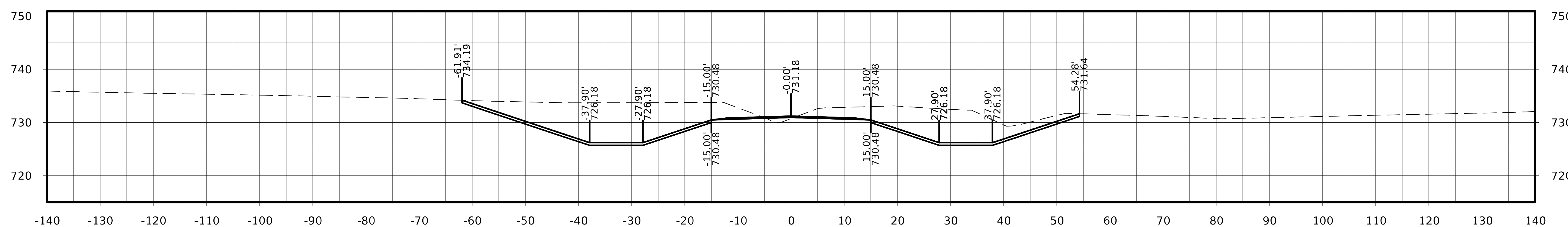
220th St.



STA. 7020+00.00



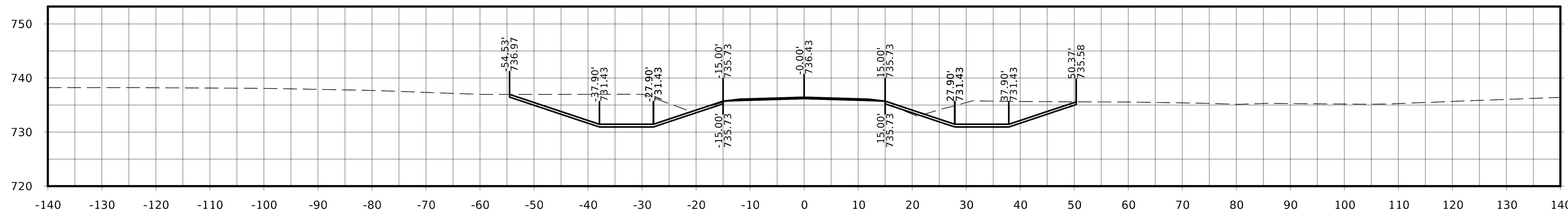
STA. 7019+75.00



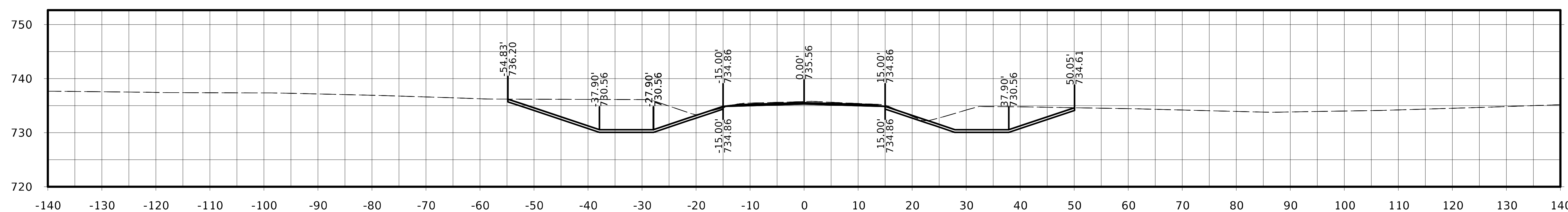
STA. 7019+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.590

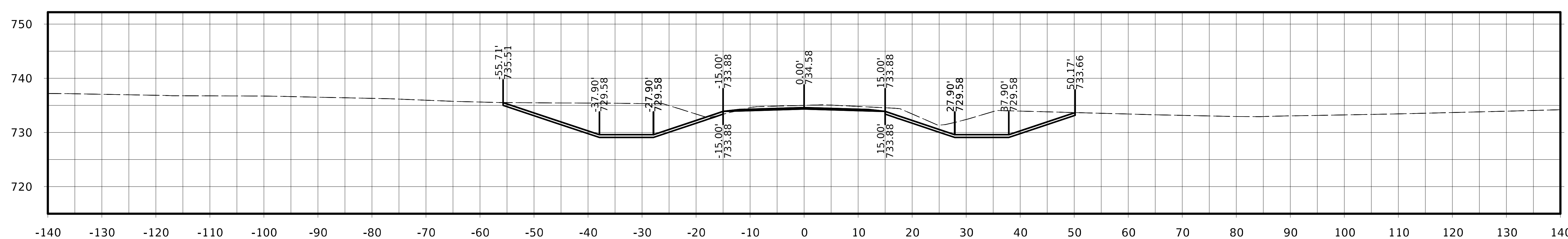
220th St.



STA. 7020+75.00



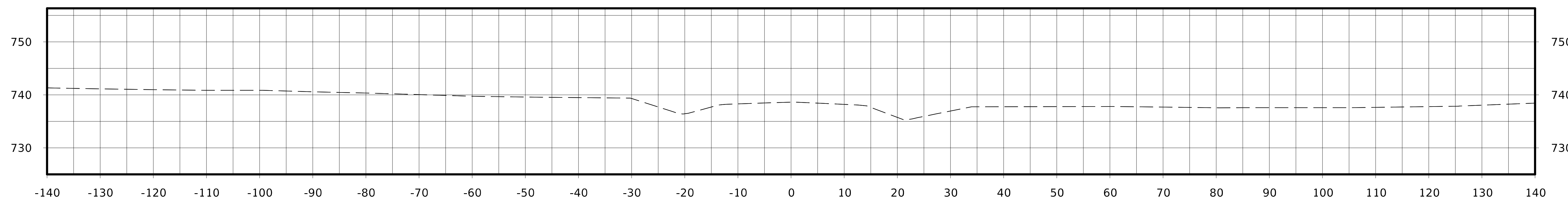
STA. 7020+50.00



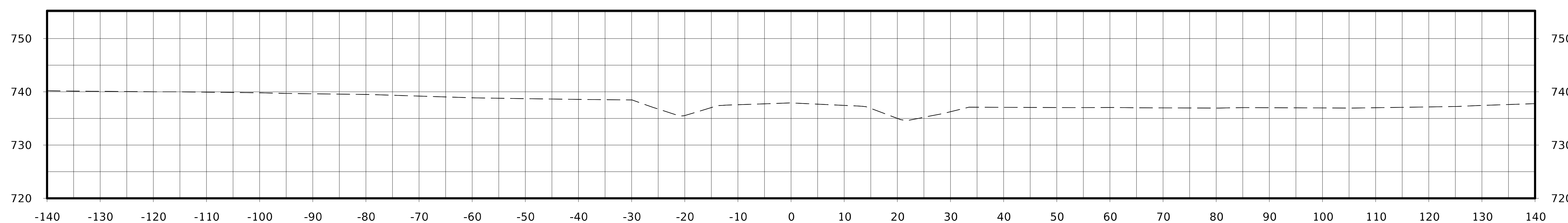
STA. 7020+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.591

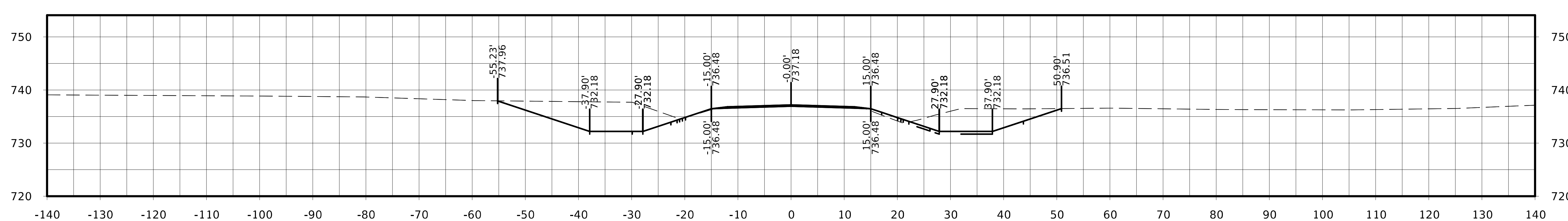
220th St.



STA. 7021+50.00



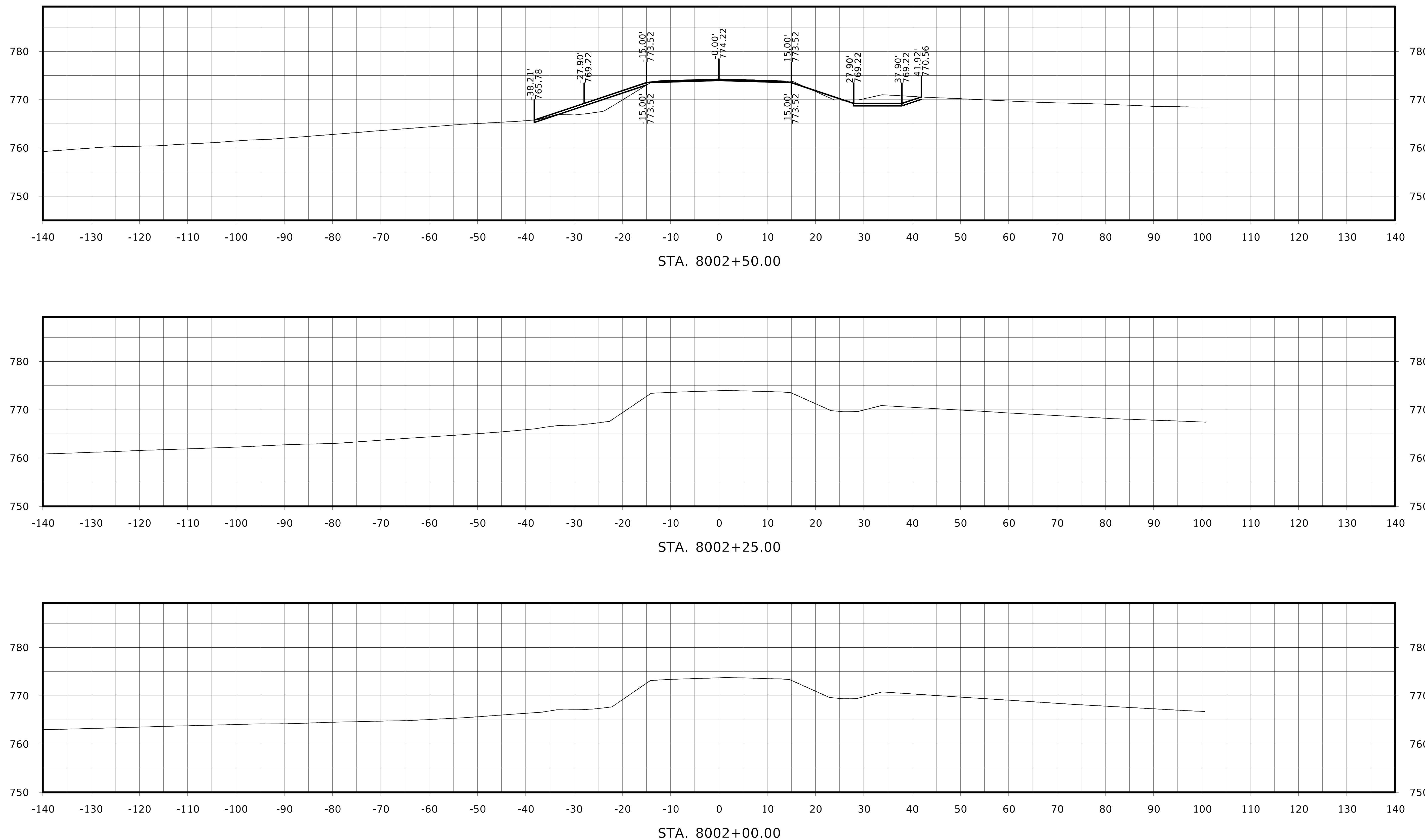
STA. 7021+25.00



STA. 7021+00.00

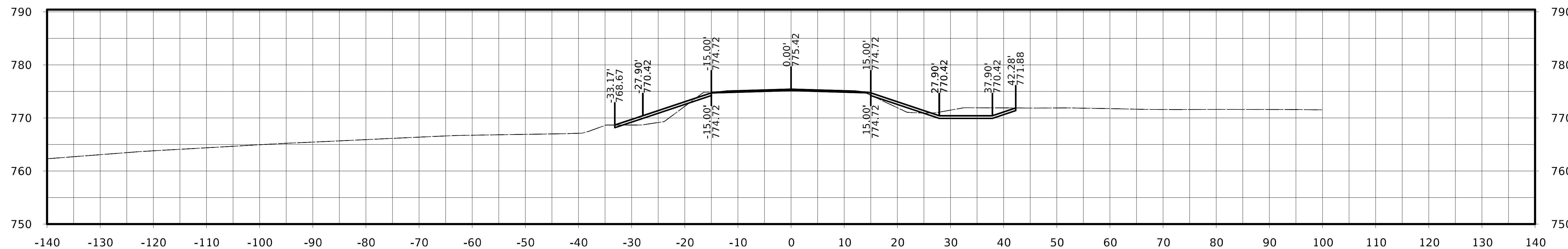
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.592

210th St. (N)

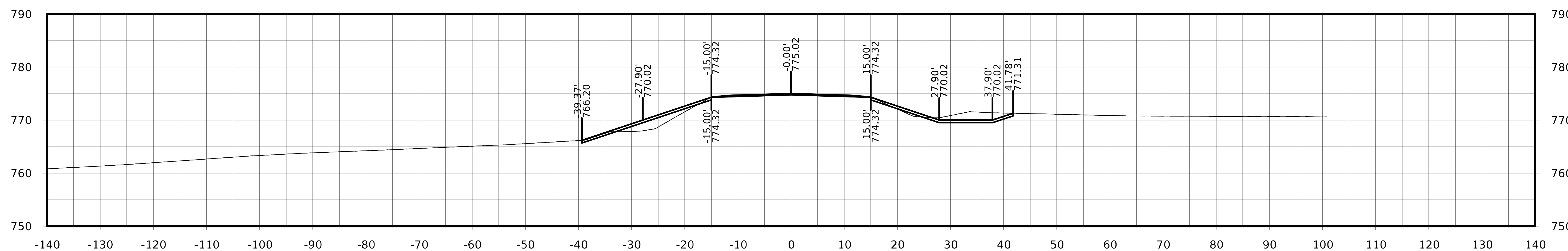


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.593

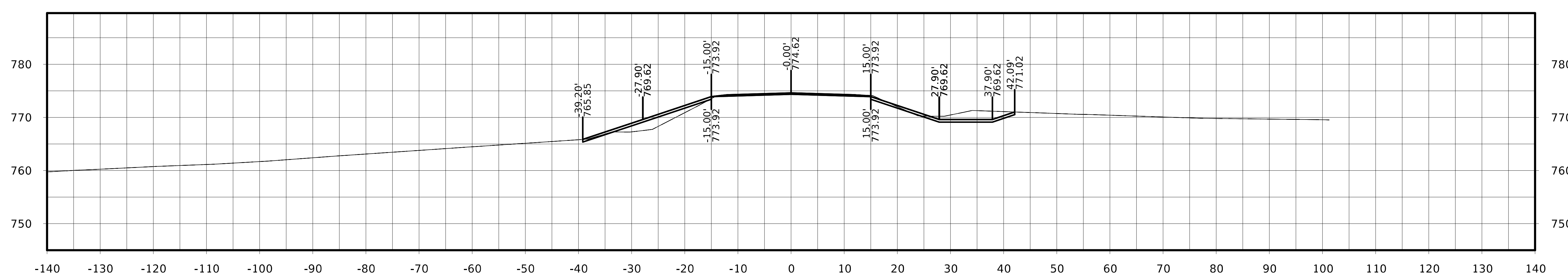
210th St. (N)



STA. 8003+25.00



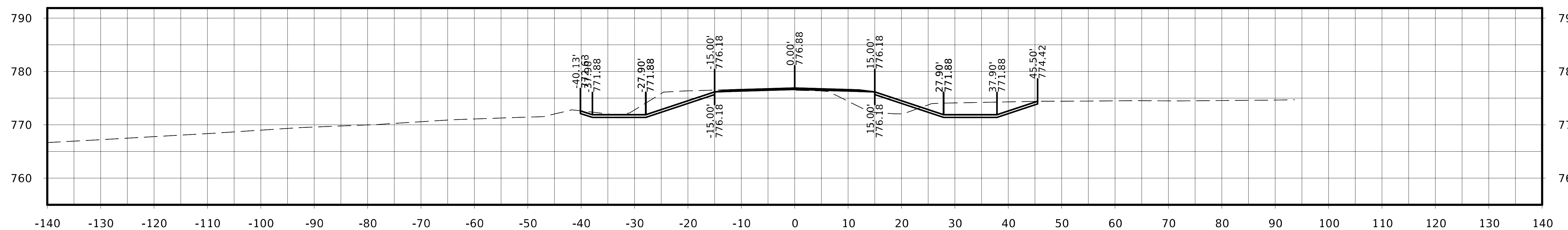
STA. 8003+00.00



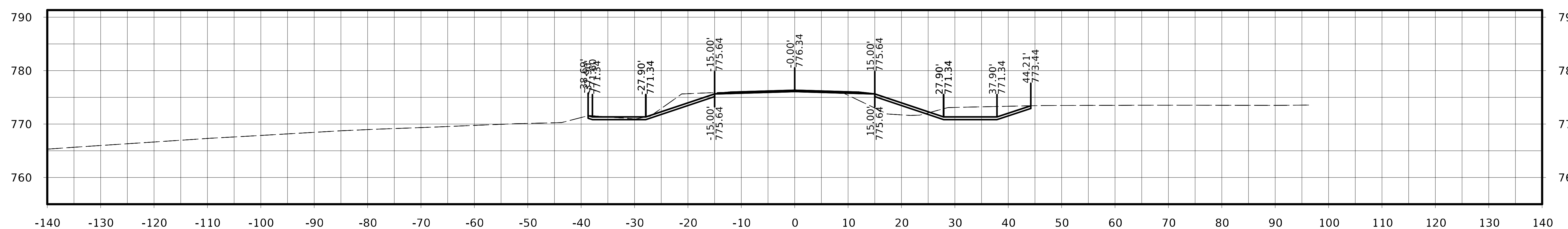
STA. 8002+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.594

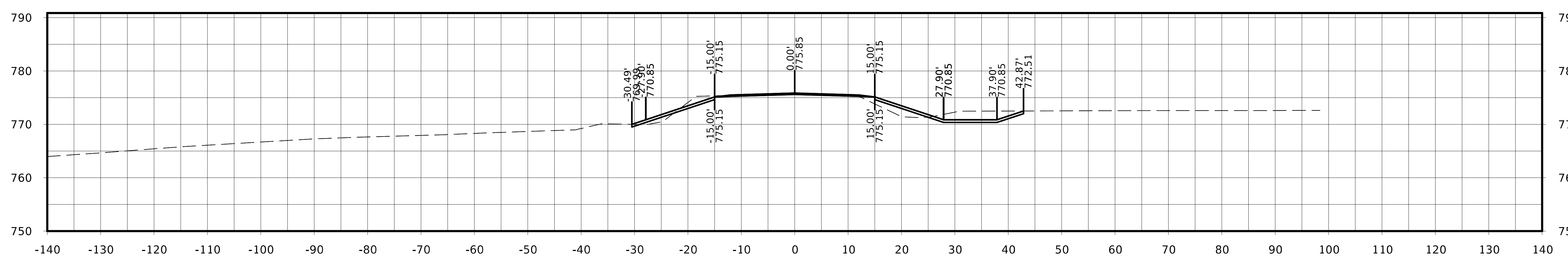
210th St. (N)



STA. 8004+00.00



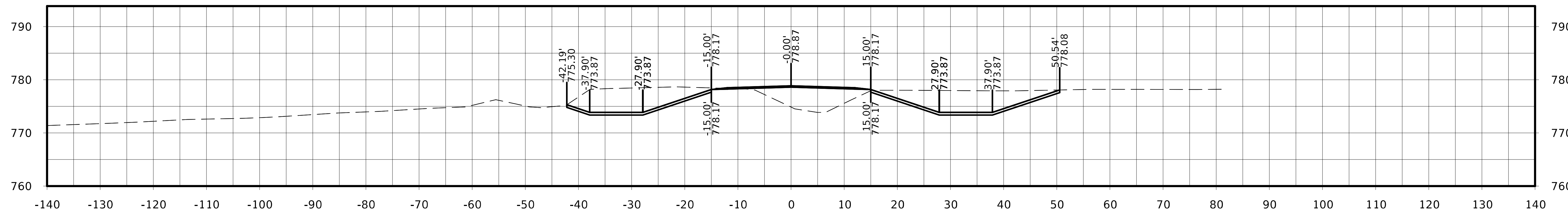
STA. 8003+75.00



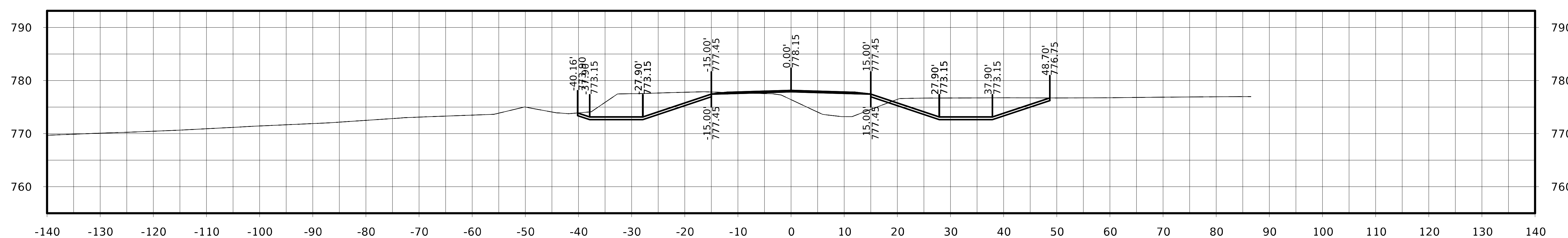
STA. 8003+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.595

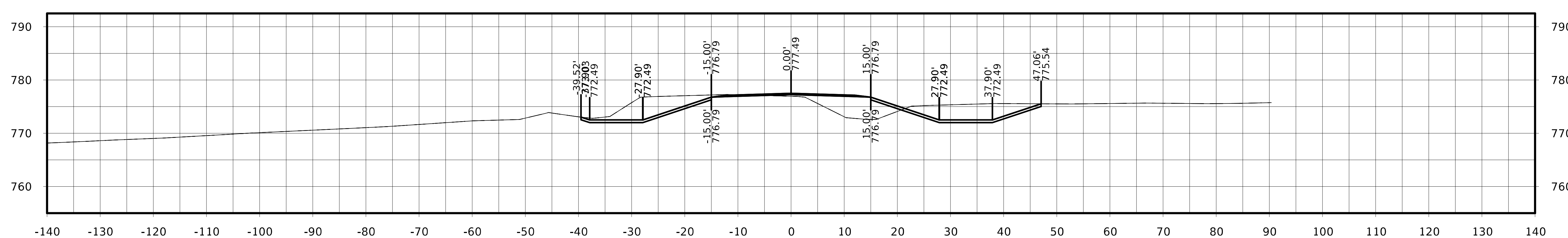
210th St. (N)



STA. 8004+75.00



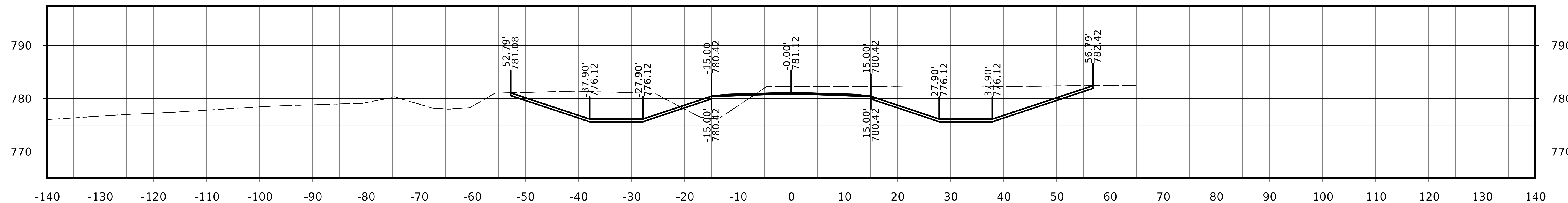
STA. 8004+50.00



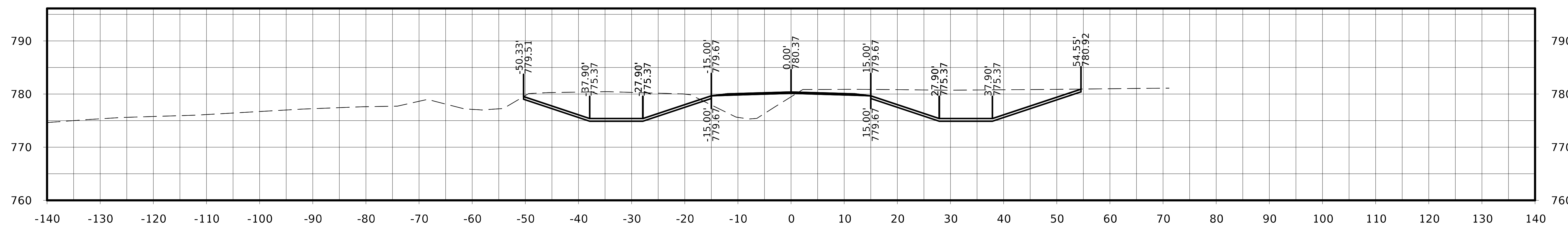
STA. 8004+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.596

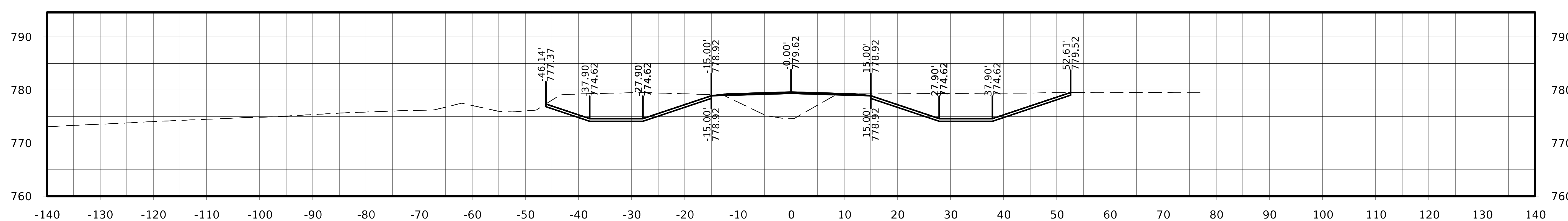
210th St. (N)



STA. 8005+50.00



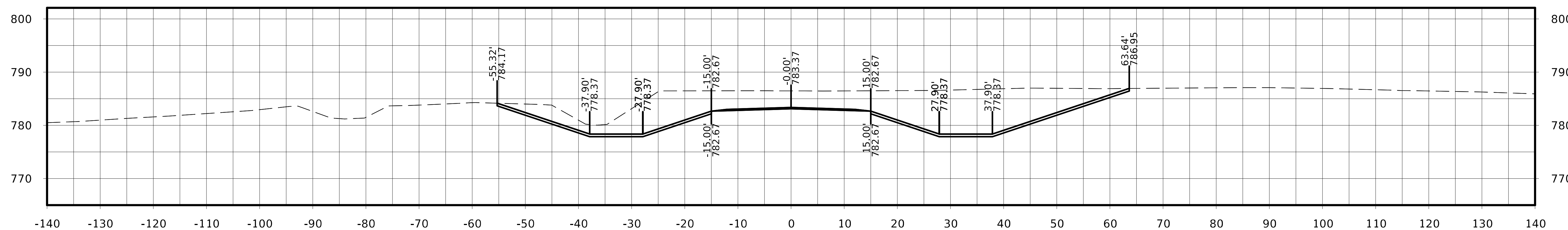
STA. 8005+25.00



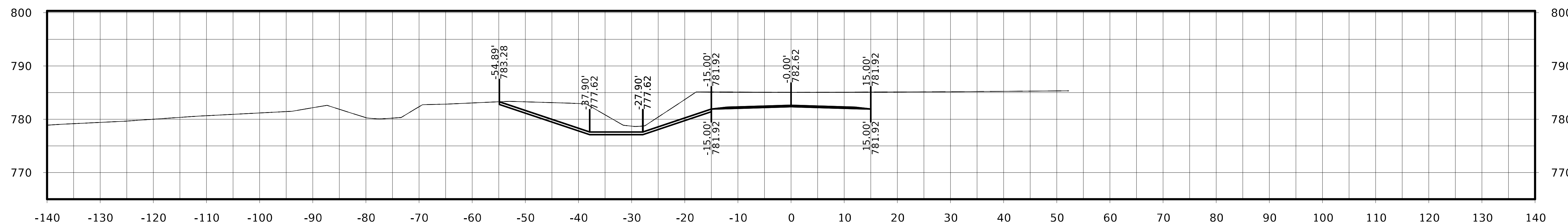
STA. 8005+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.597

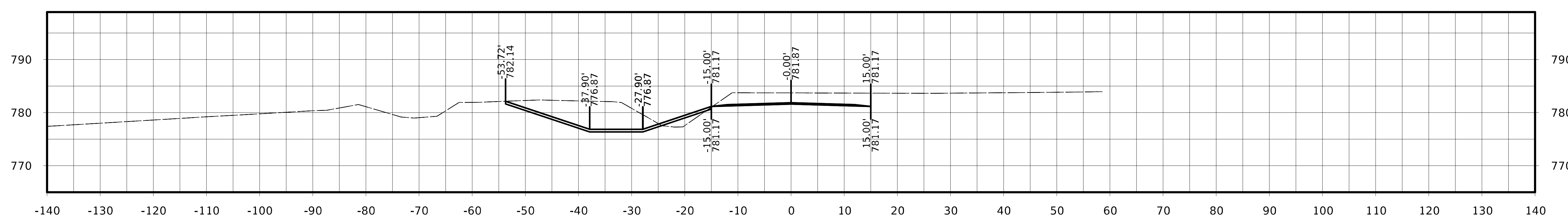
210th St. (N)



STA. 8006+25.00



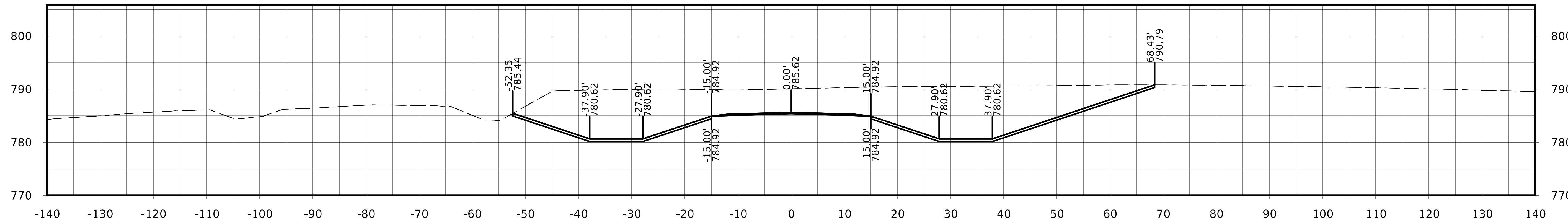
STA. 8006+00.00



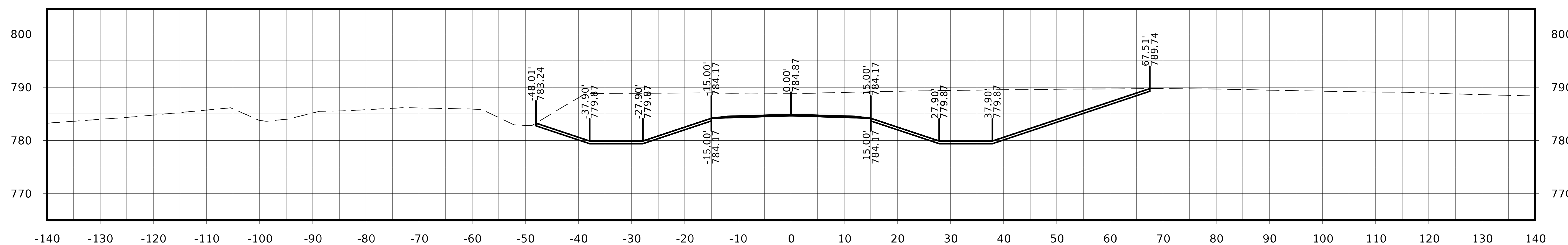
STA. 8005+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.598

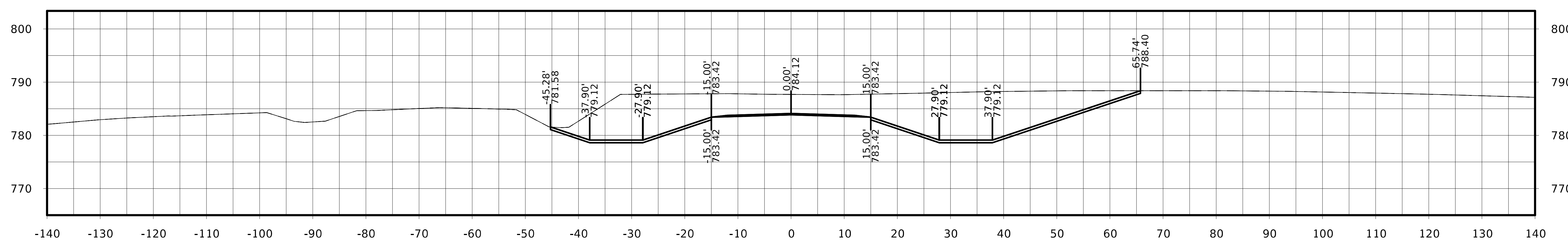
210th St. (N)



STA. 8007+00.00

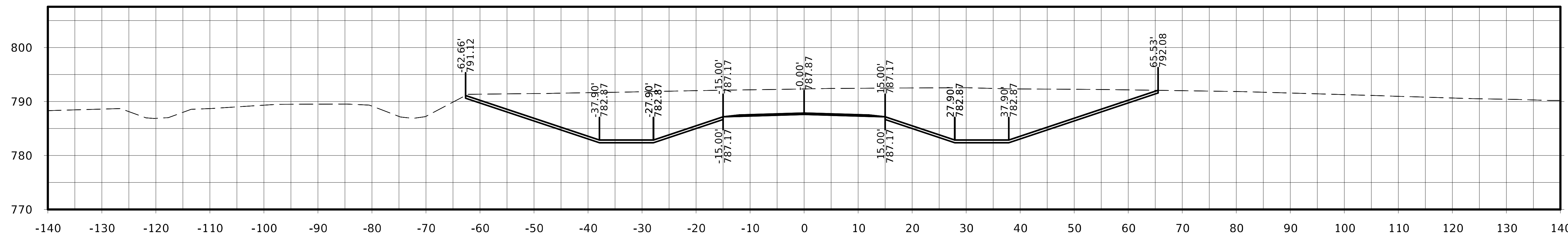


STA. 8006+75.00

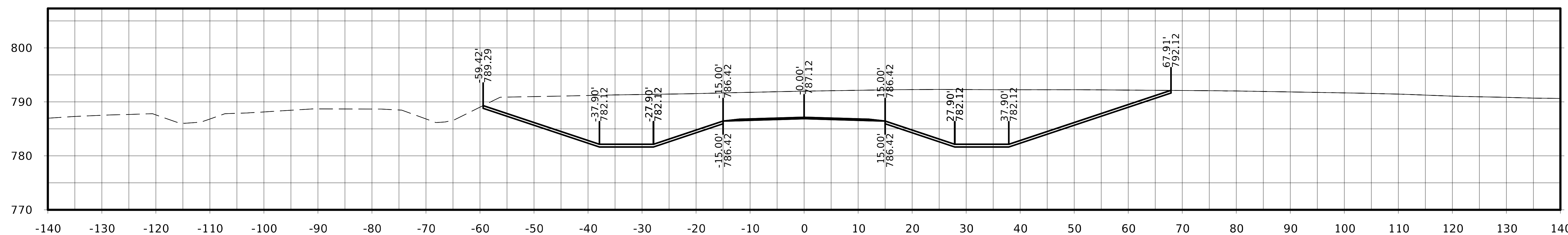


STA. 8006+50.00

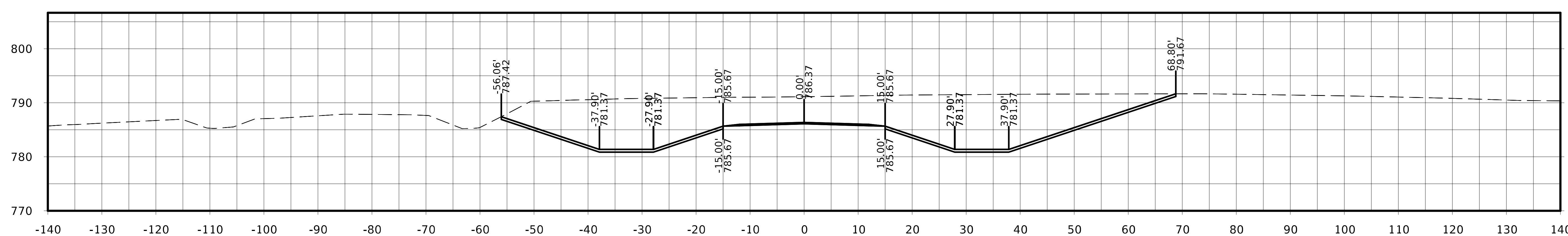
210th St. (N)



STA. 8007+75.00



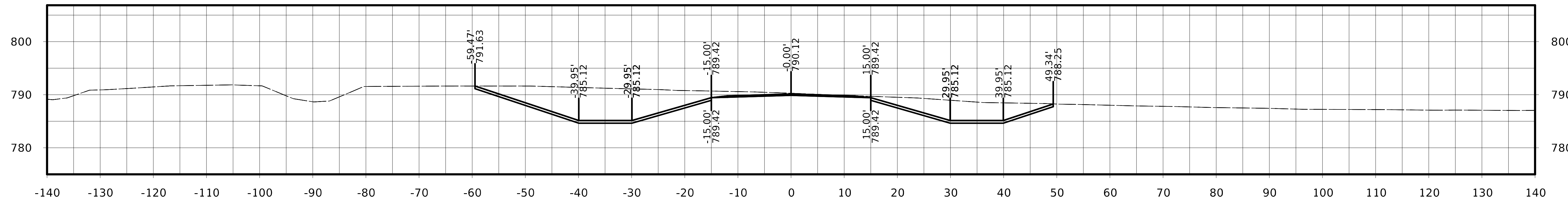
STA. 8007+50.00



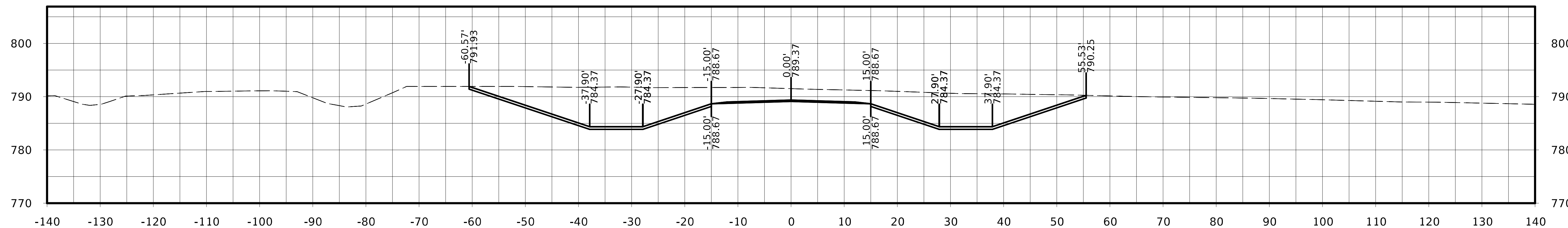
STA. 8007+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.600

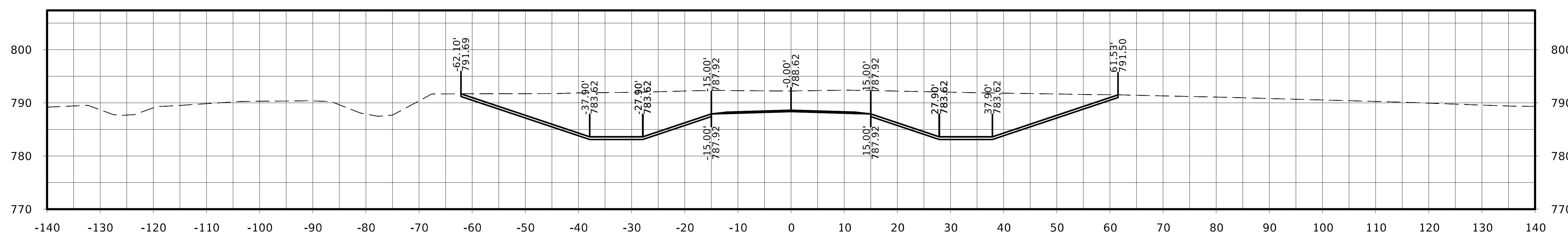
210th St. (N)



STA. 8008+50.00



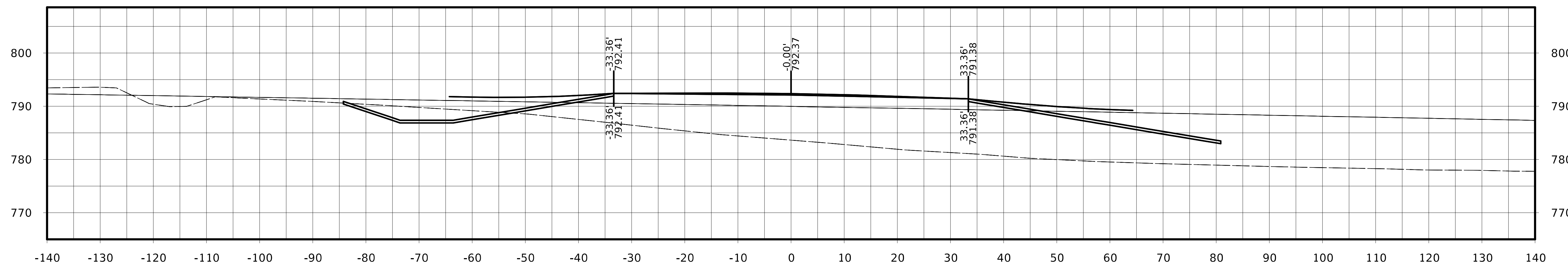
STA. 8008+25.00



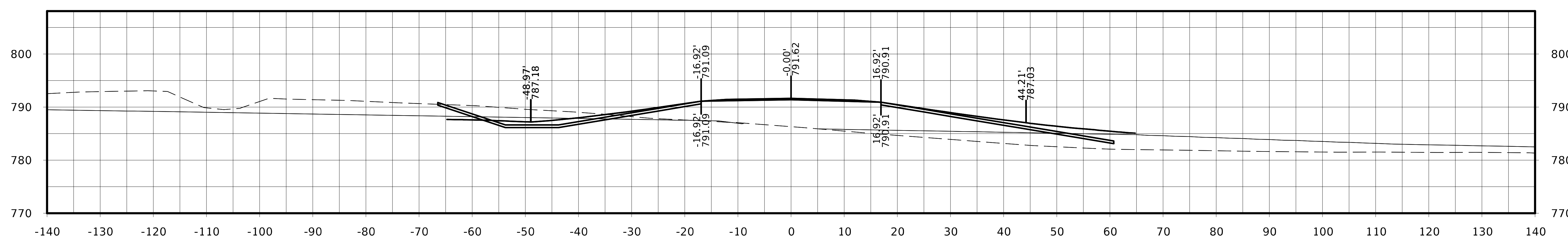
STA. 8008+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.601

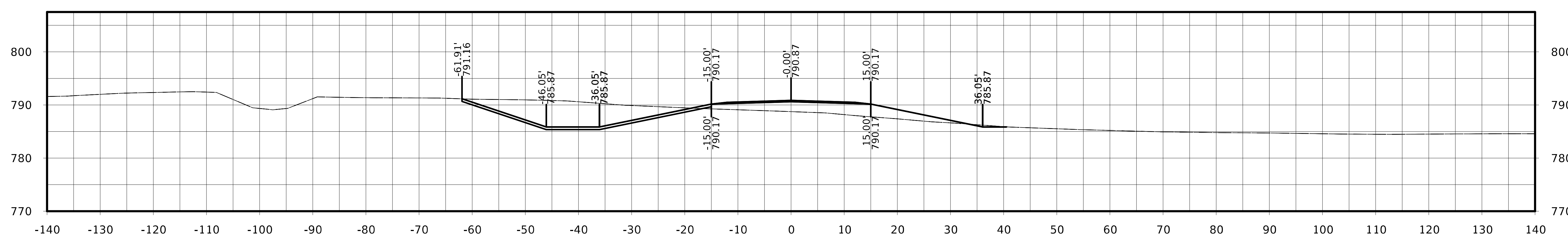
210th St. (N)



STA. 8009+25.00



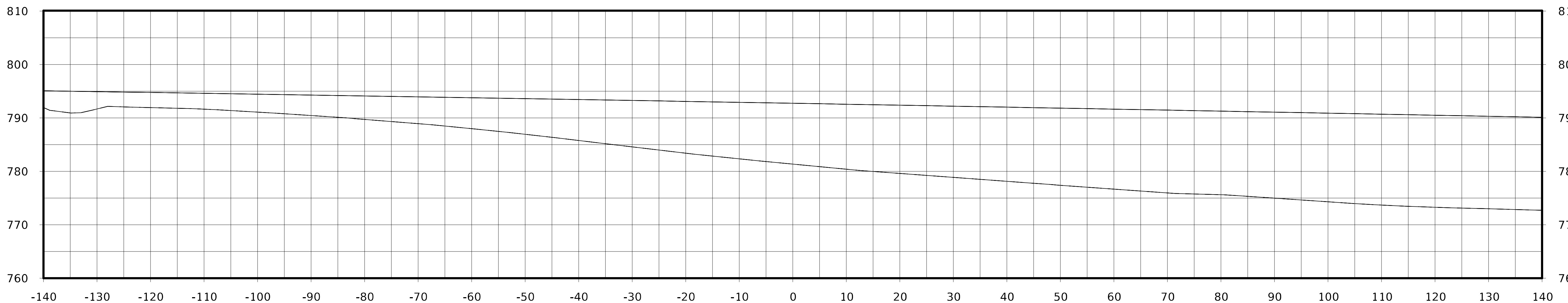
STA. 8009+00.00



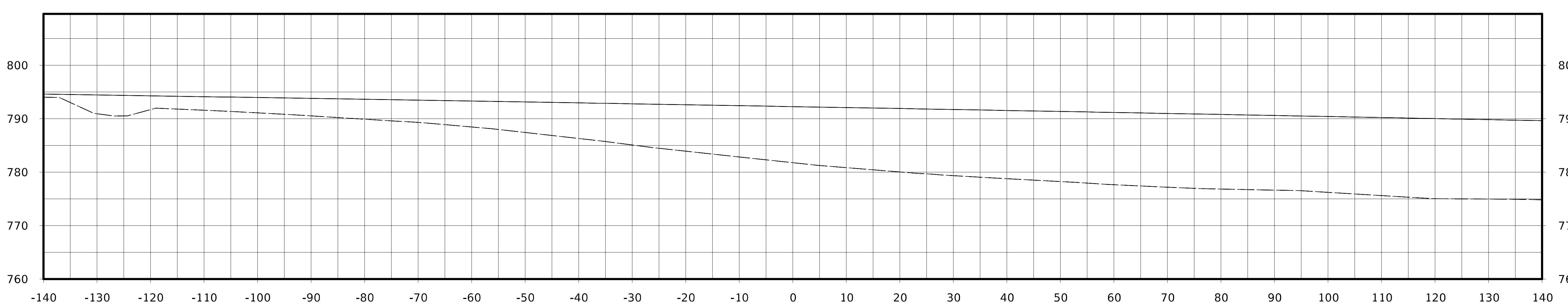
STA. 8008+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.602

210th St. (N)



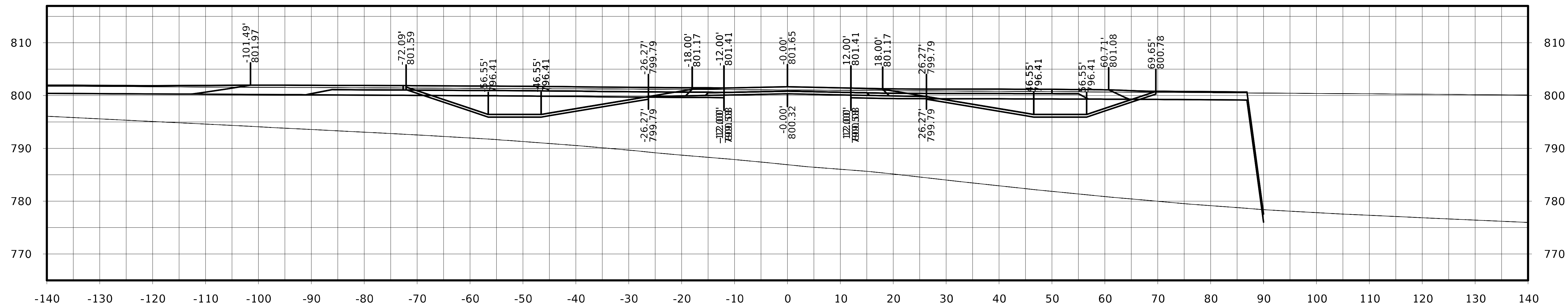
STA. 8009+70.29



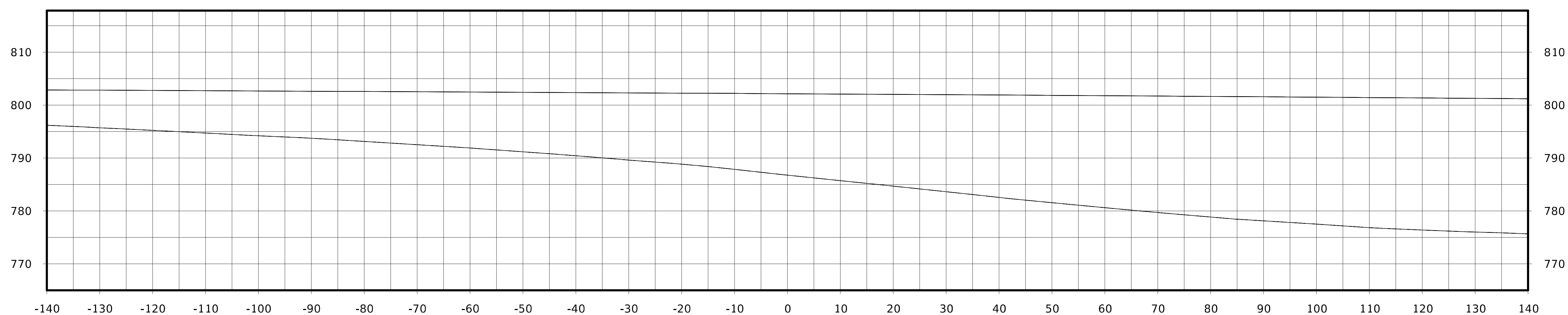
STA. 8009+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.603

210th St. (S)



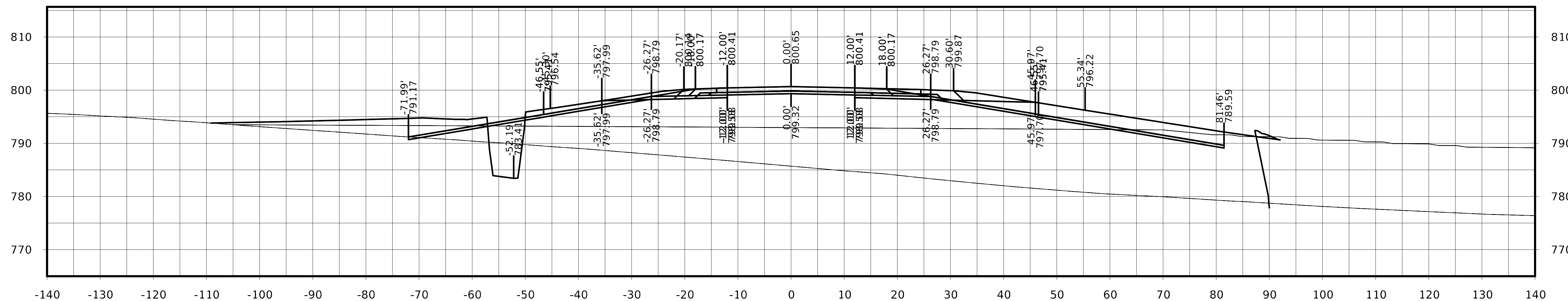
STA. 9000+25.00



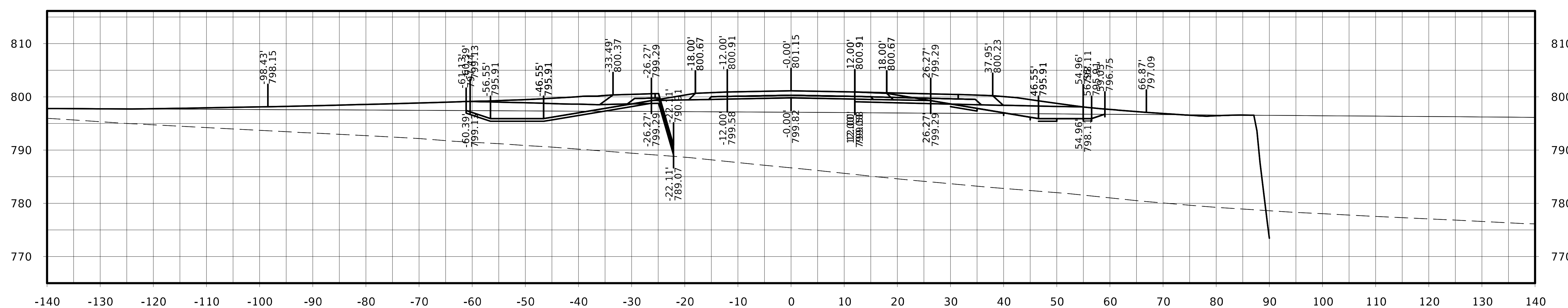
STA. 9000+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.604

210th St. (S)



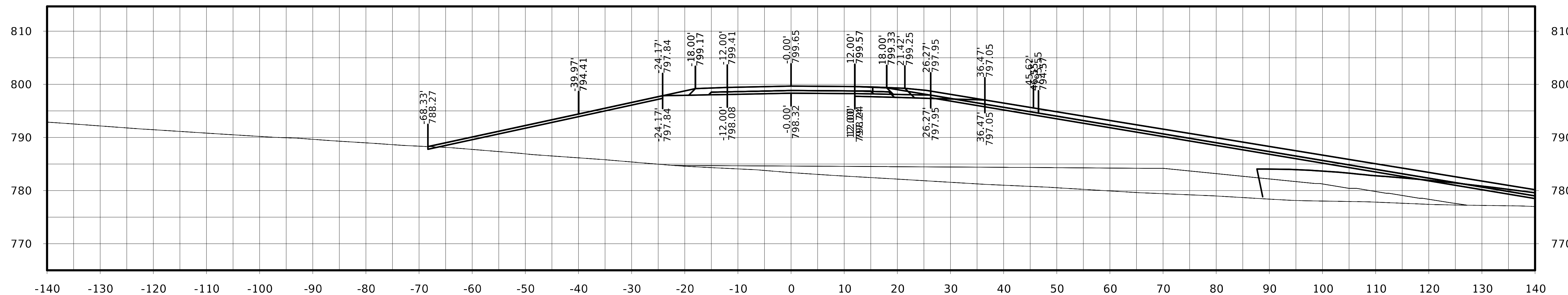
STA. 9000+75.00



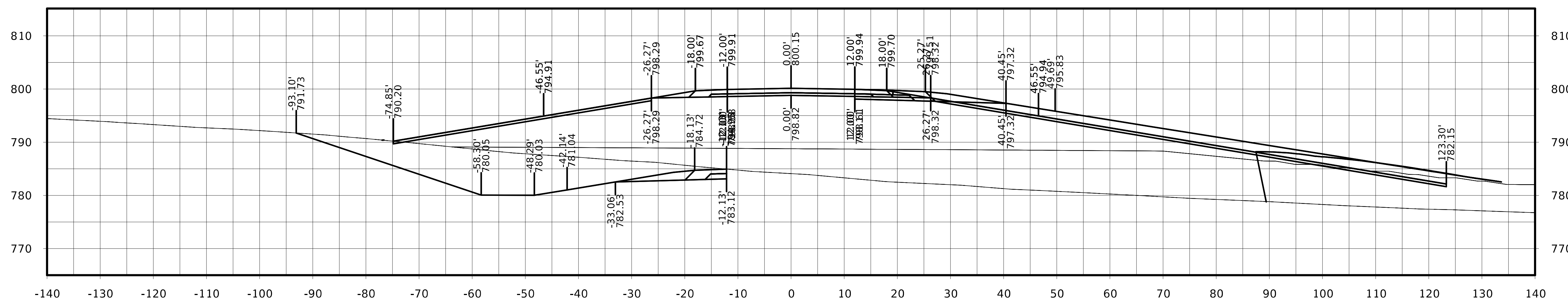
STA. 9000+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.605

210th St. (S)



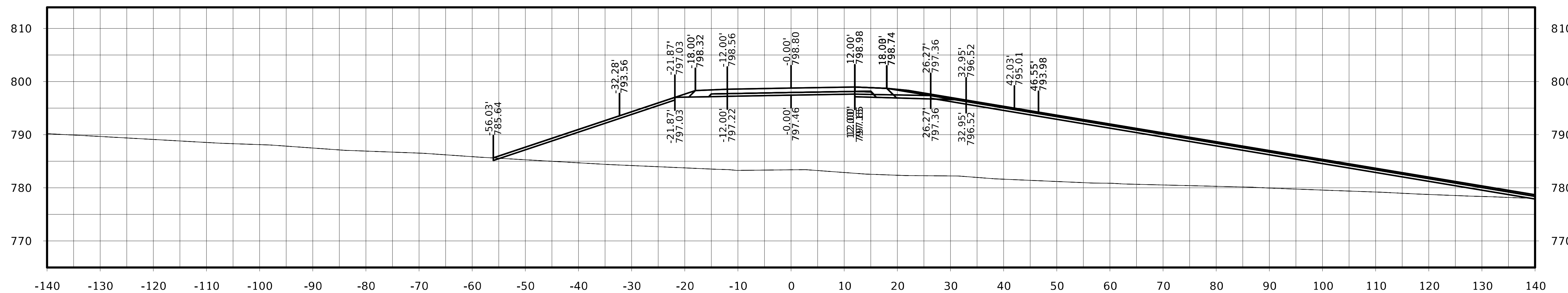
STA. 9001+25.00



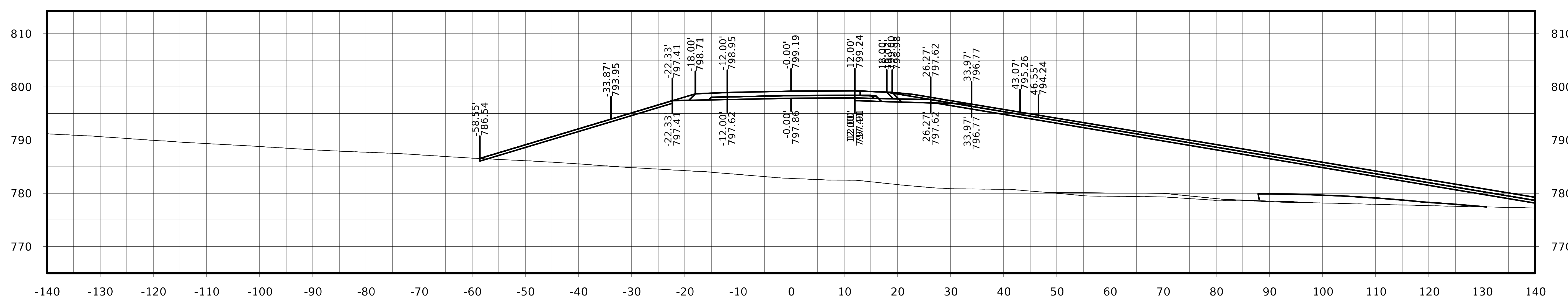
STA. 9001+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER W.606

210th St. (S)



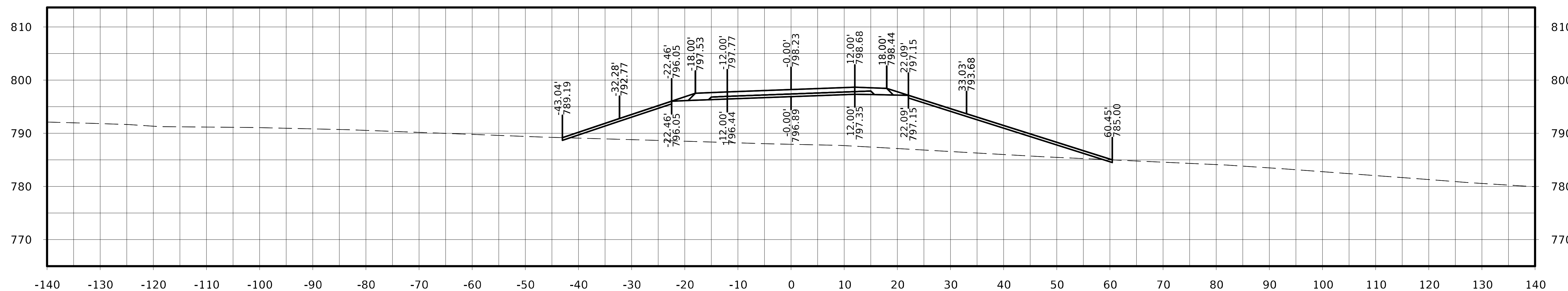
STA. 9001+75.00



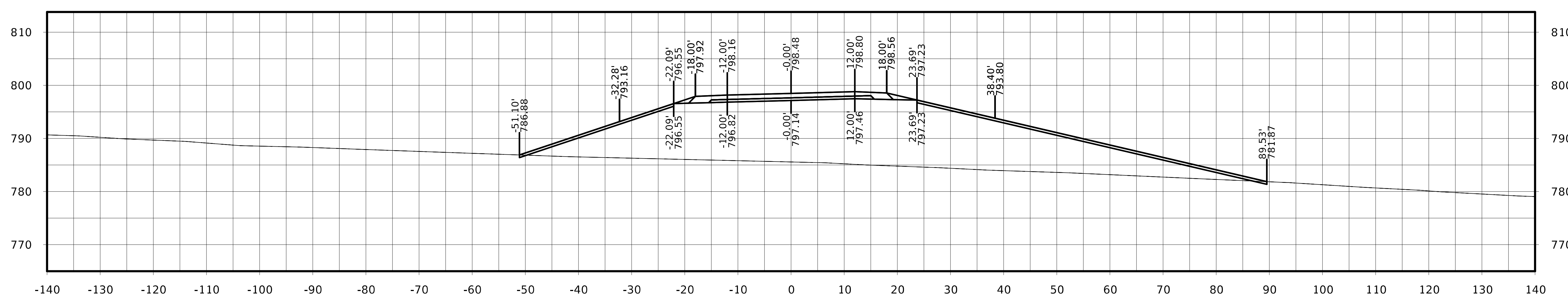
STA. 9001+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.607

210th St. (S)



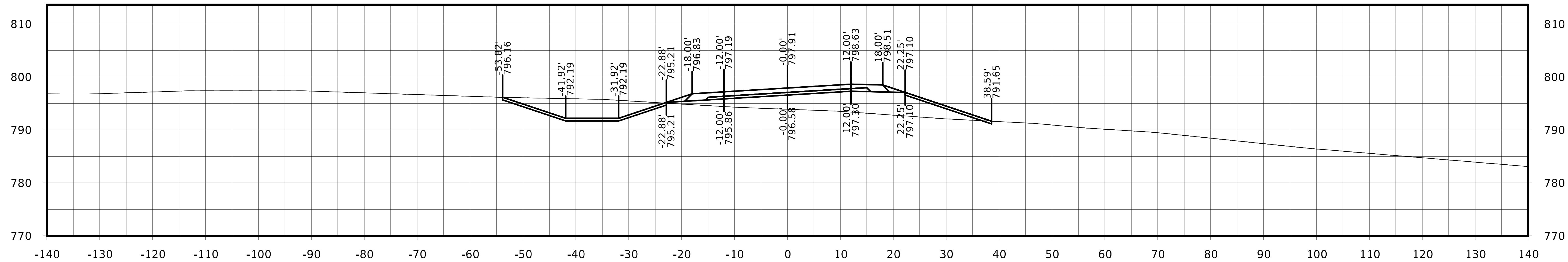
STA. 9002+25.00



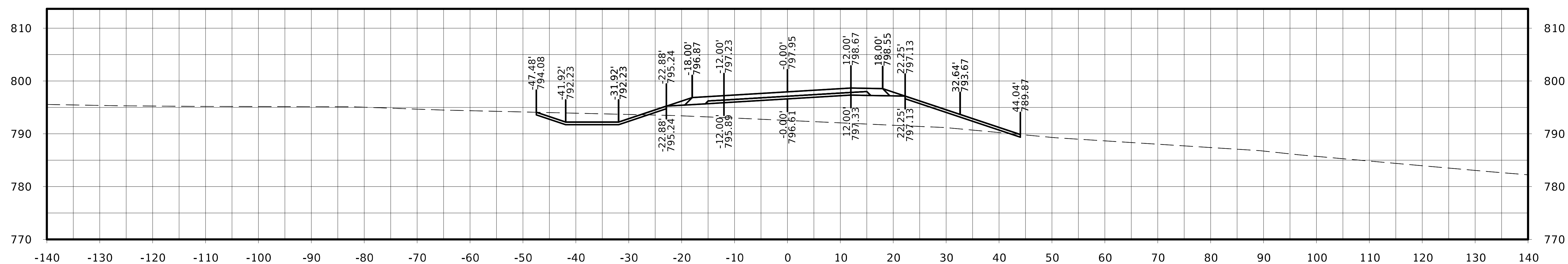
STA. 9002+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.608

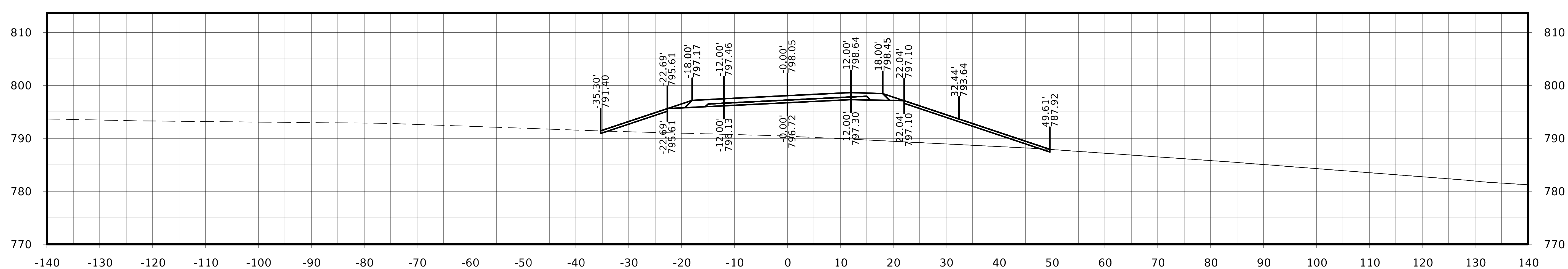
210th St. (S)



STA. 9003+00.00

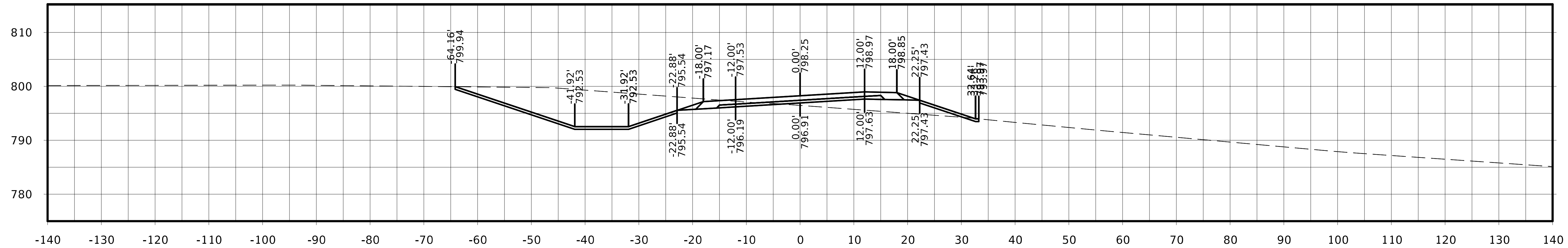


STA. 9002+75.00

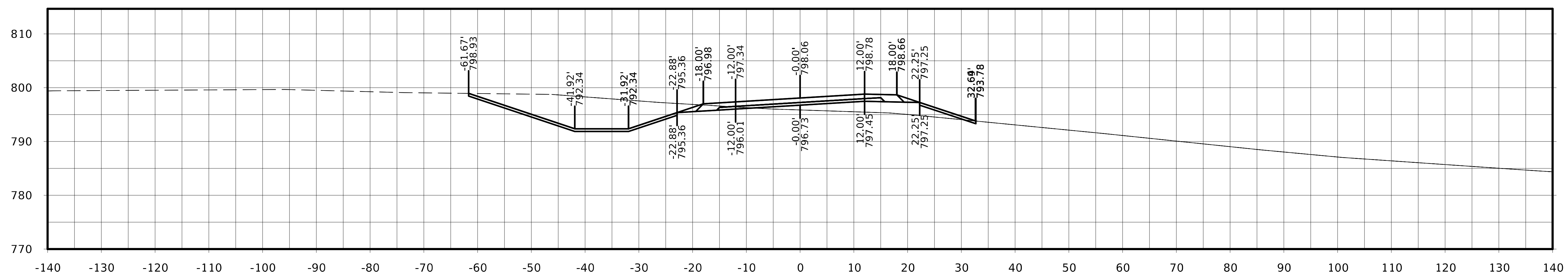


STA. 9002+50.00

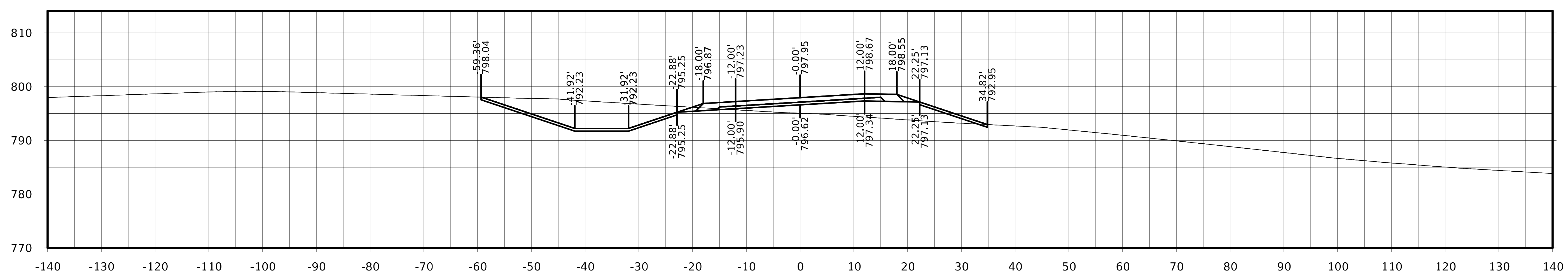
210th St. (S)



STA. 9003+75.00



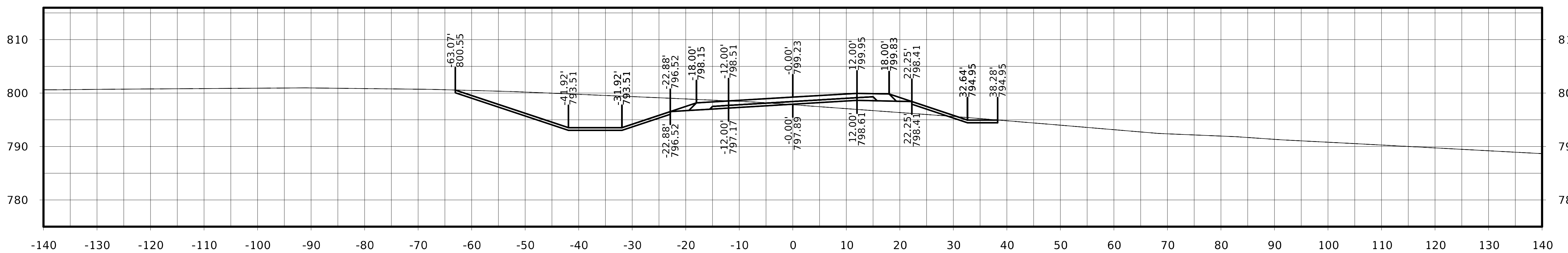
STA. 9003+50.00



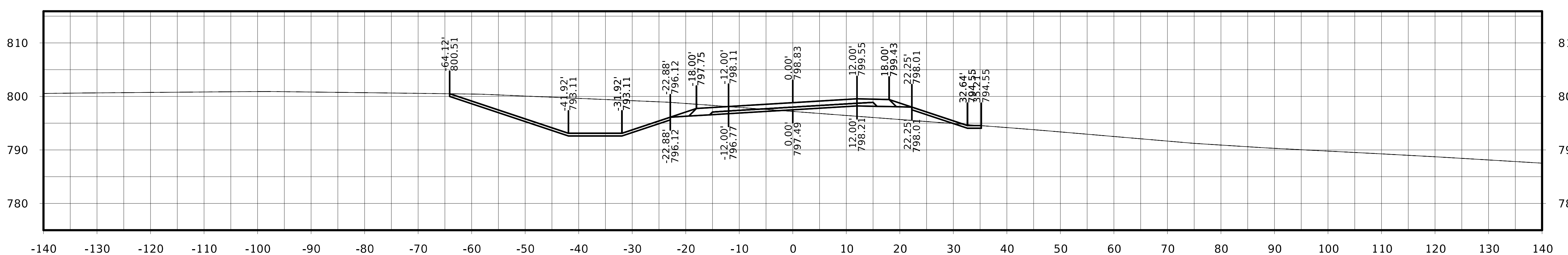
STA. 9003+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.610

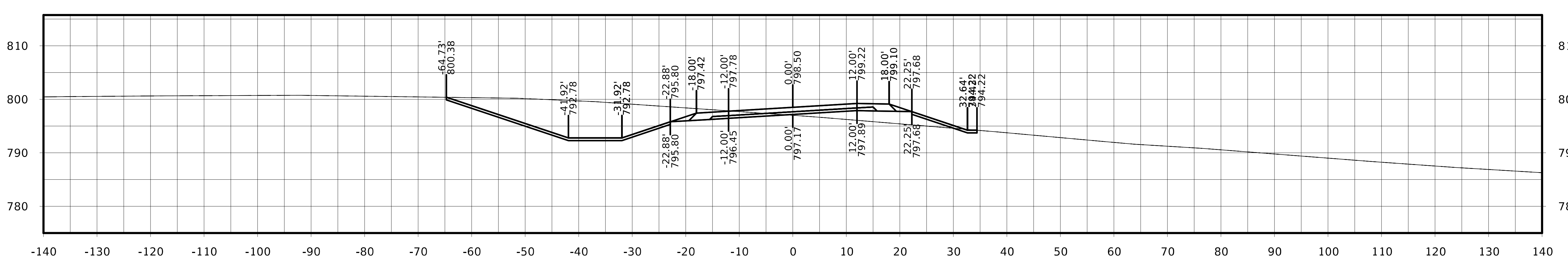
210th St. (S)



STA. 9004+50.00

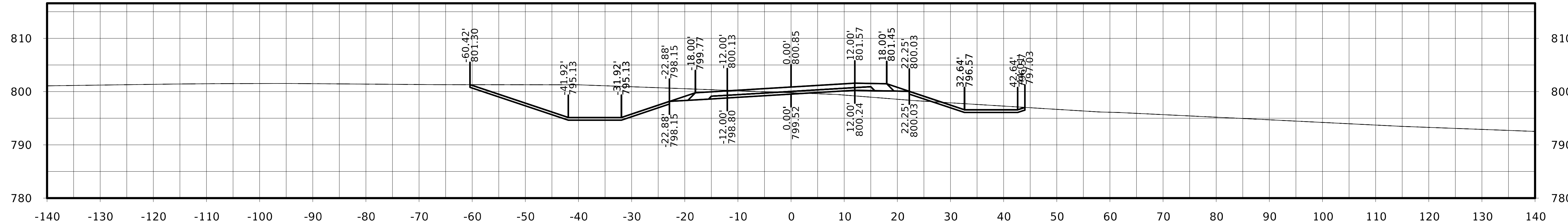


STA. 9004+25.00

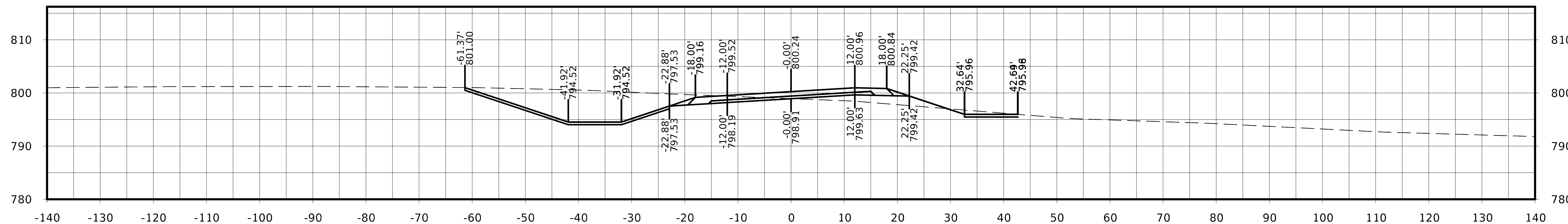


STA. 9004+00.00

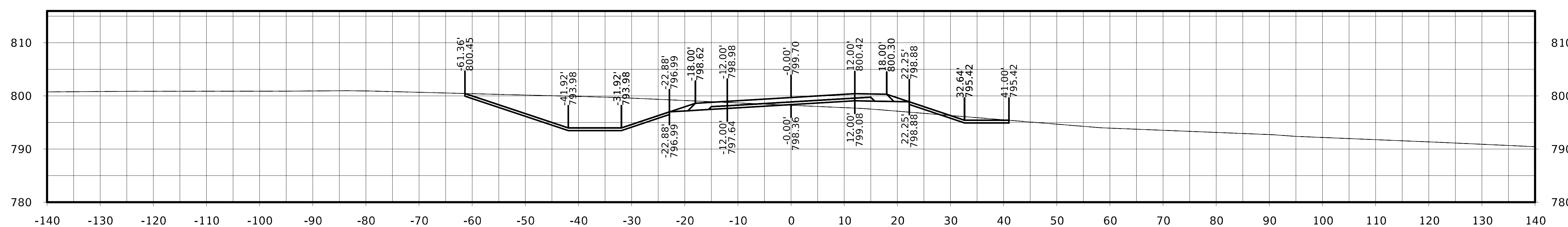
210th St. (S)



STA. 9005+25.00



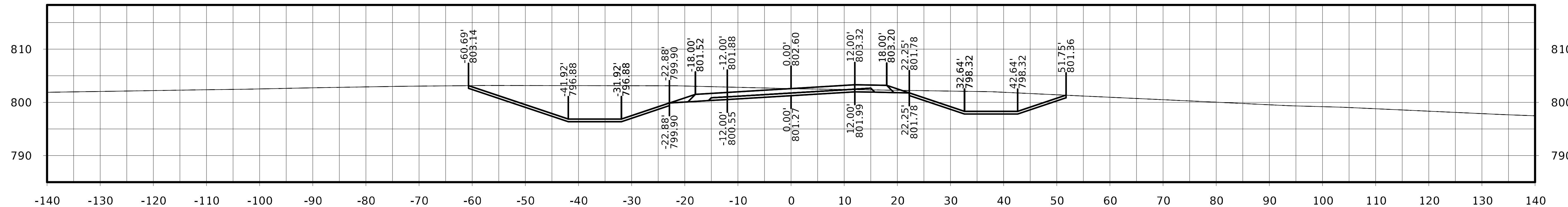
STA. 9005+00.00



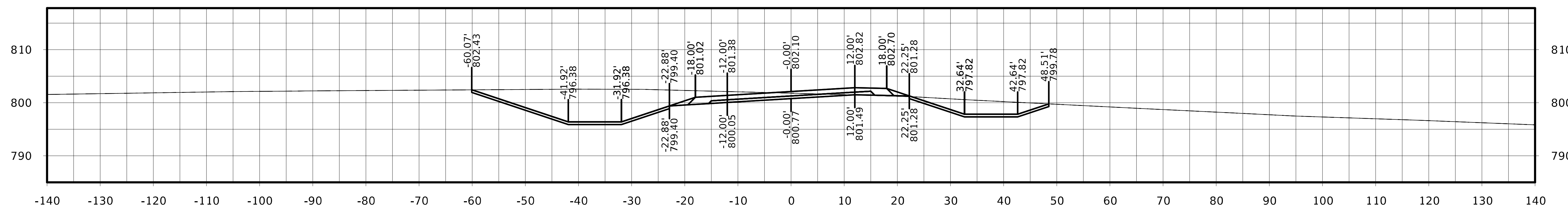
STA. 9004+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.612

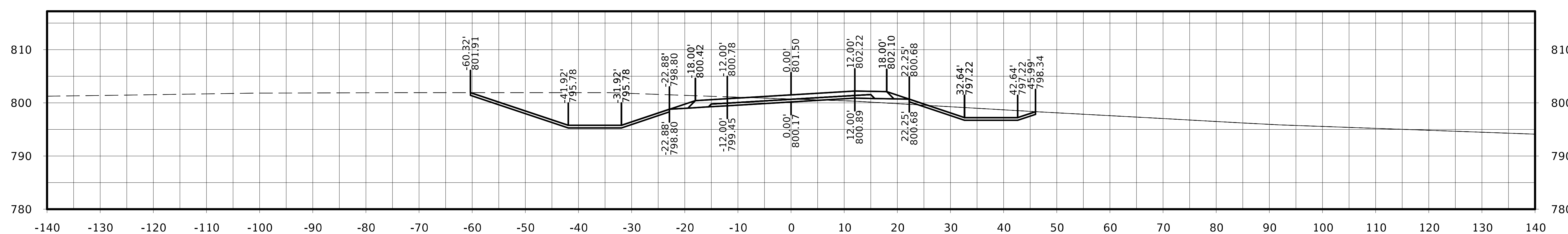
210th St. (S)



STA. 9006+00.00

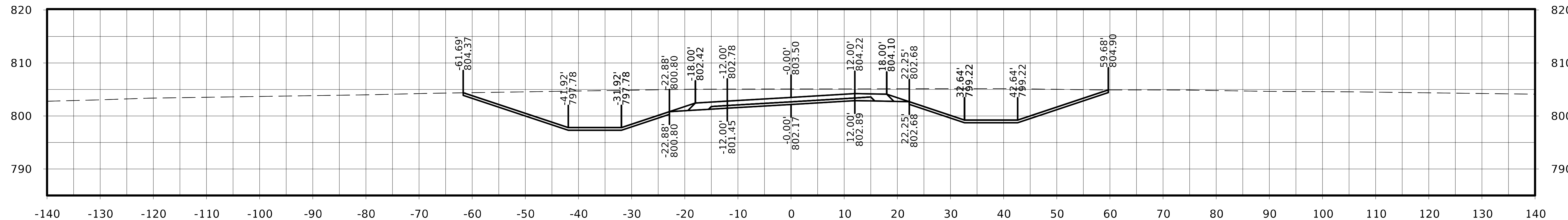


STA. 9005+75.00

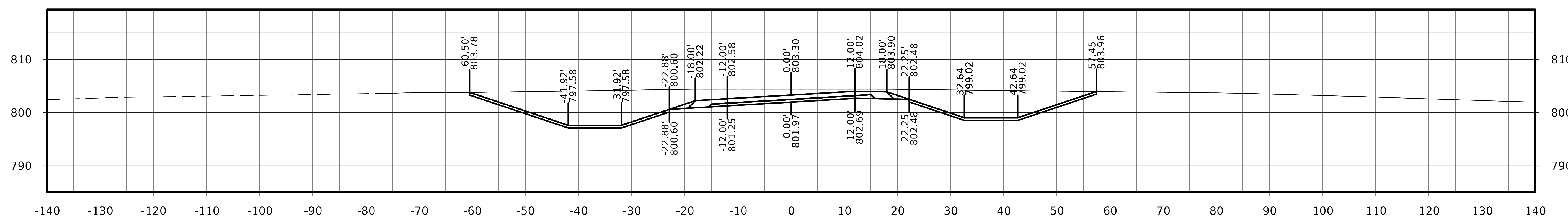


STA. 9005+50.00

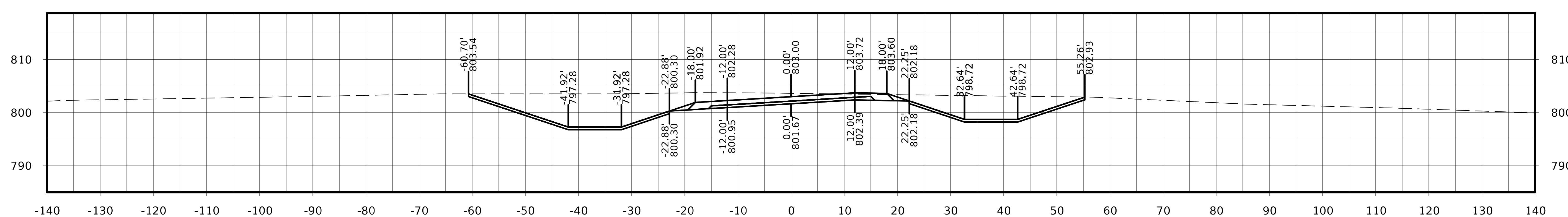
210th St. (S)



STA. 9006+75.00



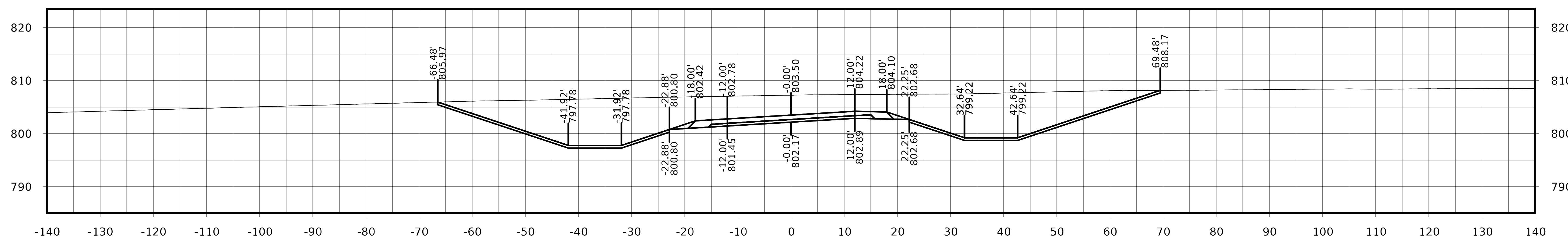
STA. 9006+50.00



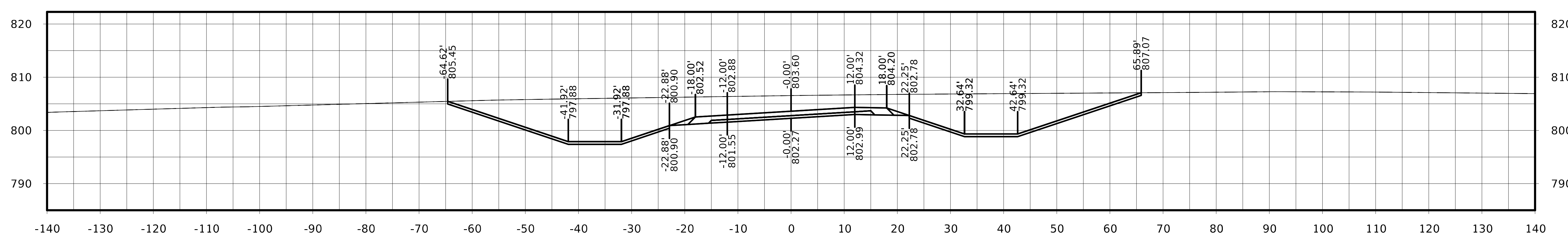
STA. 9006+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.614

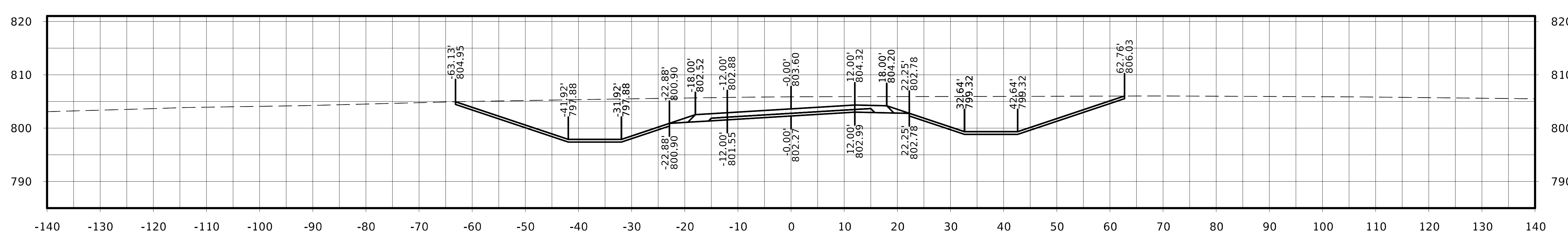
210th St. (S)



STA. 9007+50.00

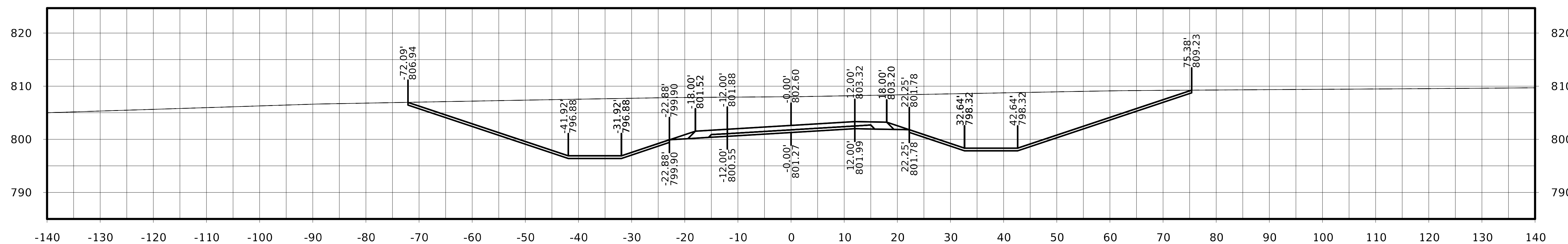


STA. 9007+25.00

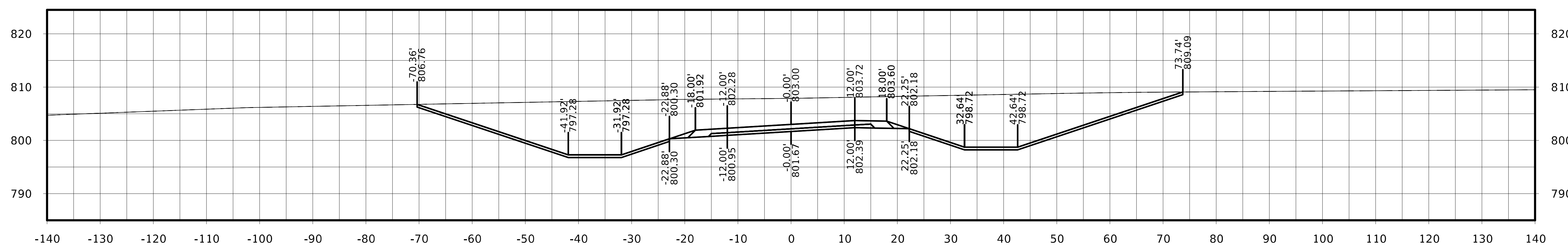


STA. 9007+00.00

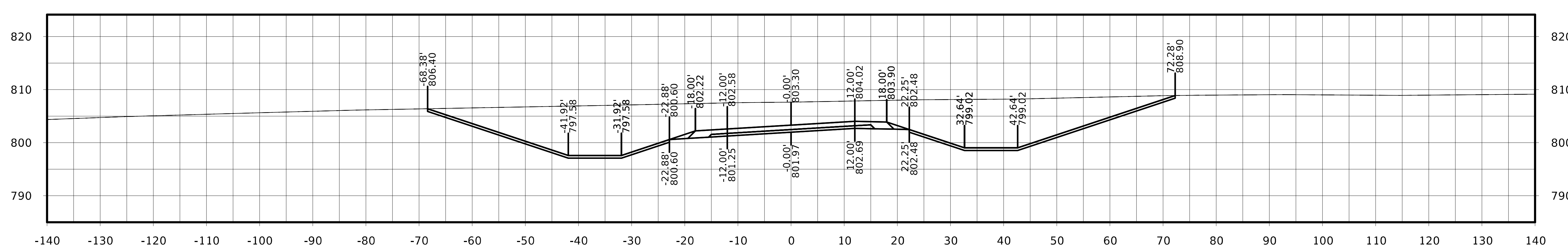
210th St. (S)



STA. 9008+25.00



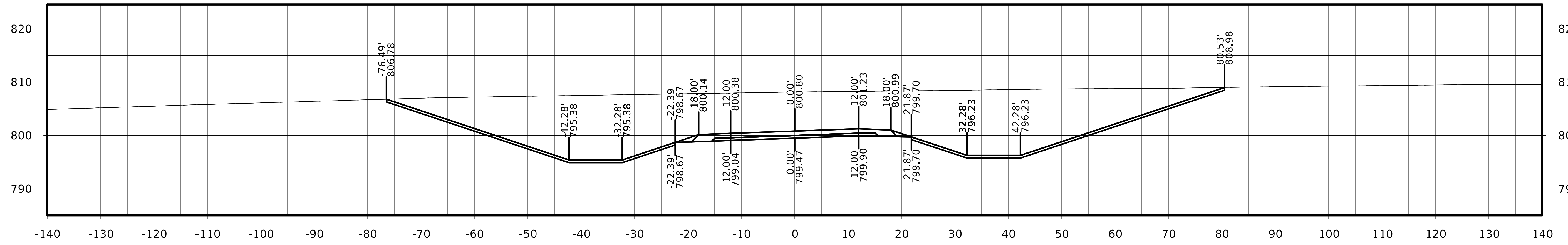
STA. 9008+00.00

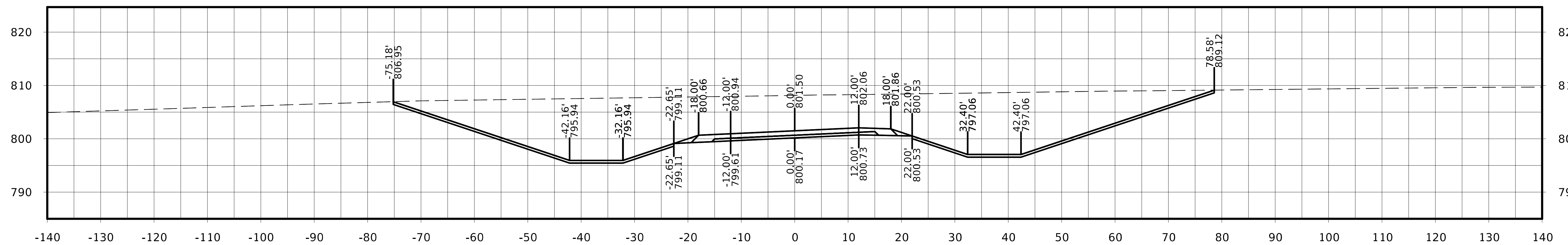


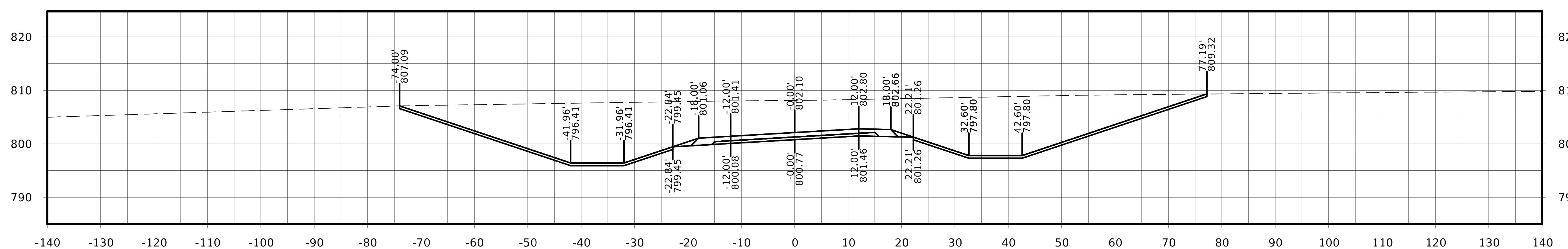
STA. 9007+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.616

210th St. (S)

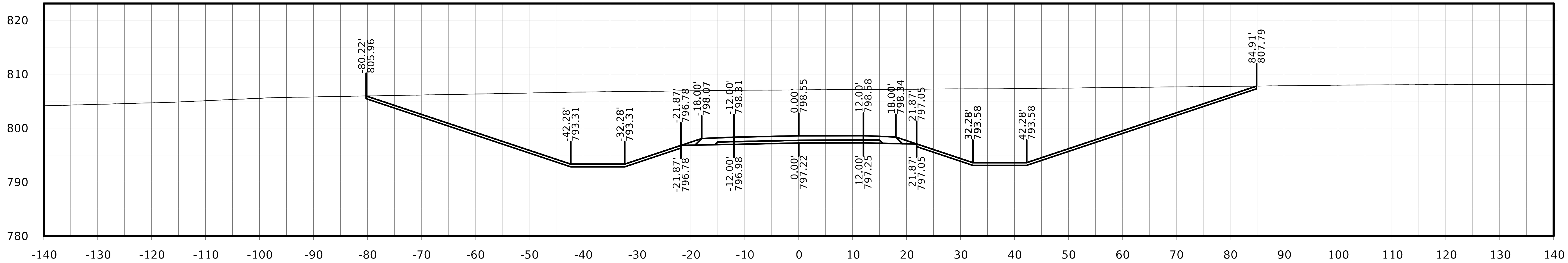




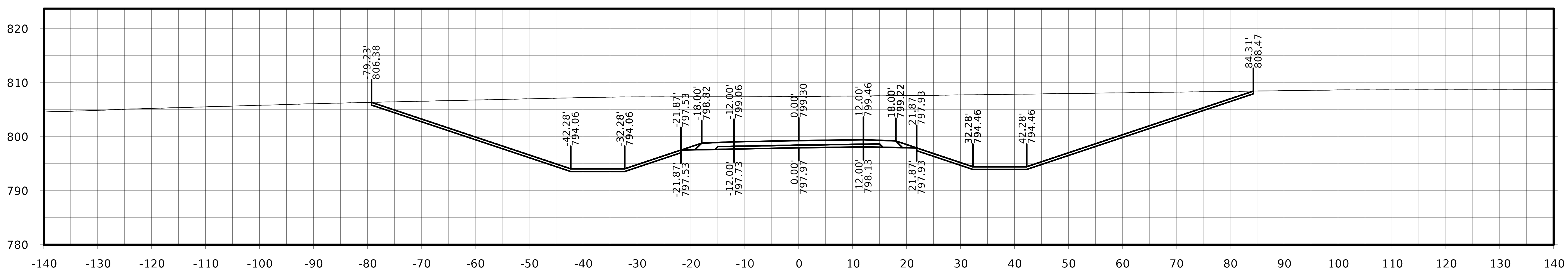


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.617

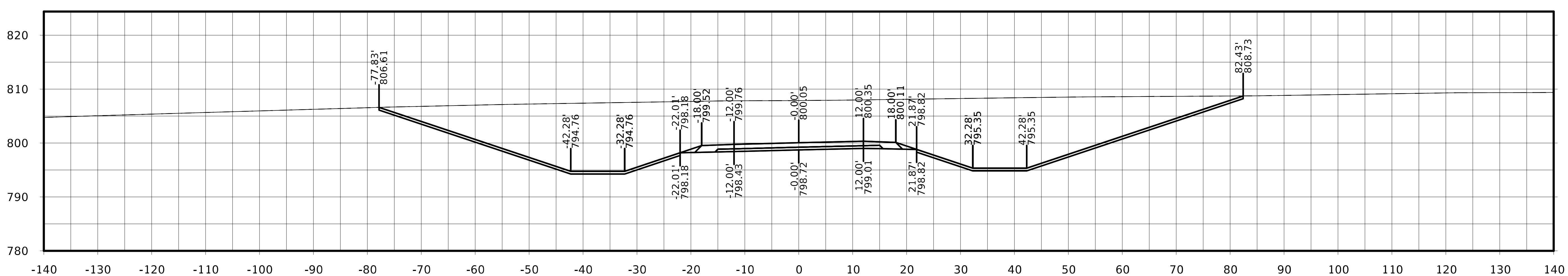
210th St. (S)



STA. 9009+75.00



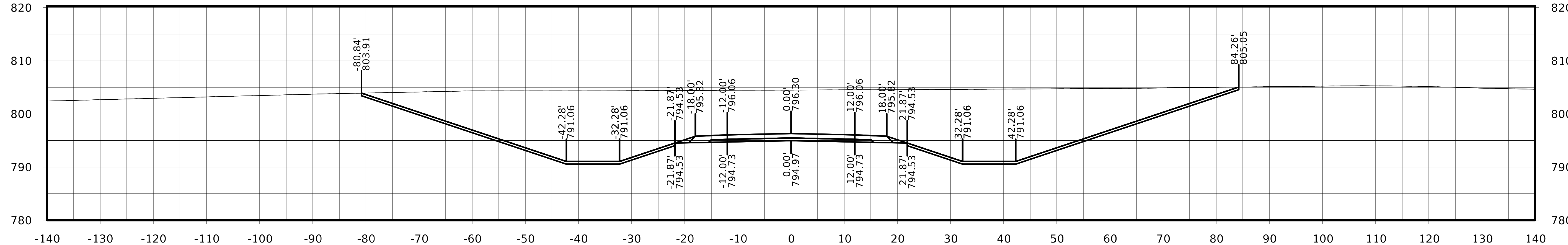
STA. 9009+50.00

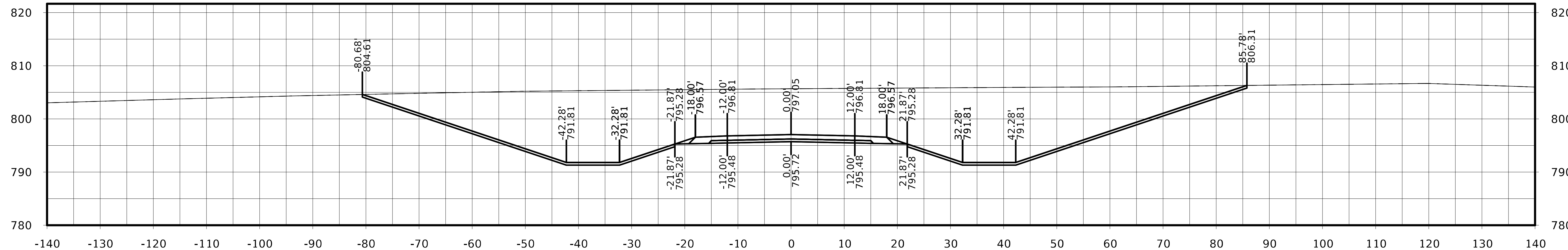


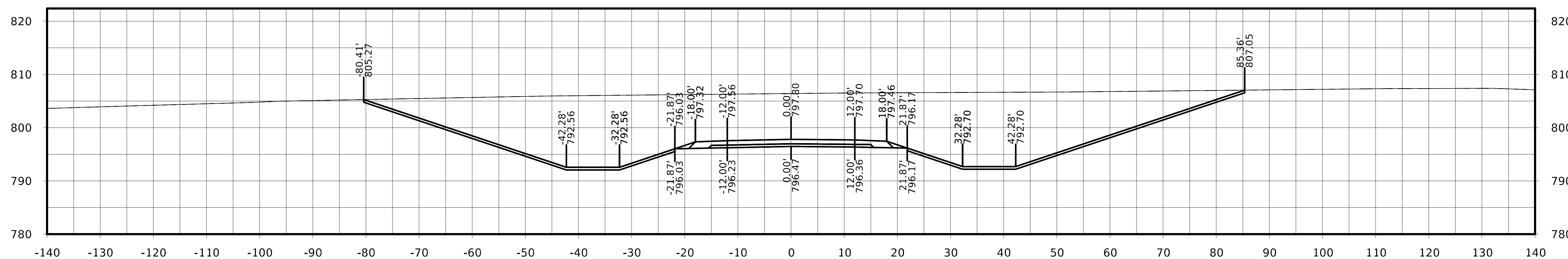
STA. 9009+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.618

210th St. (S)

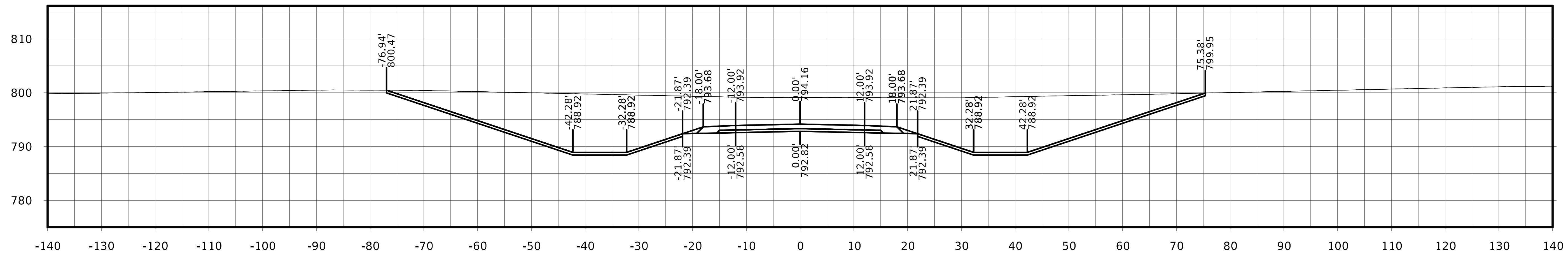




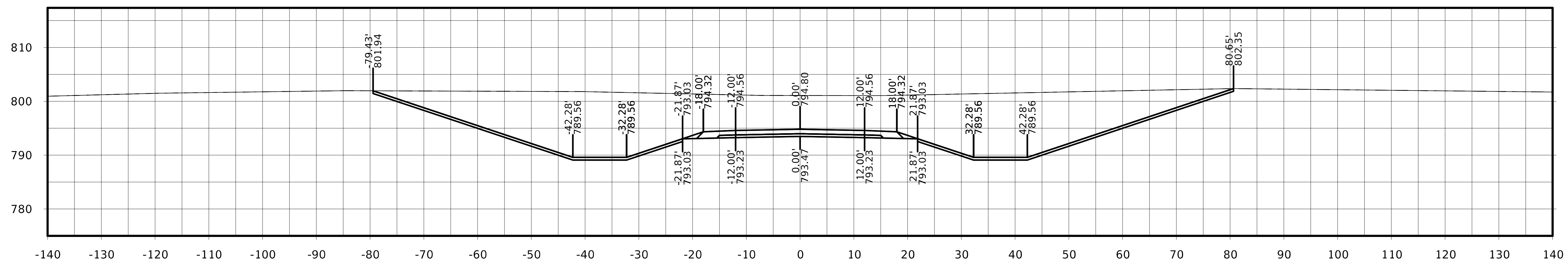


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.619

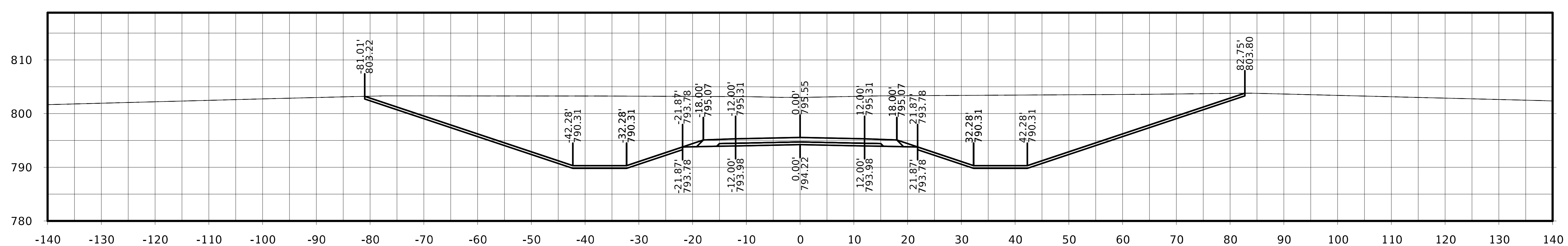
210th St. (S)



STA. 9011+25.00



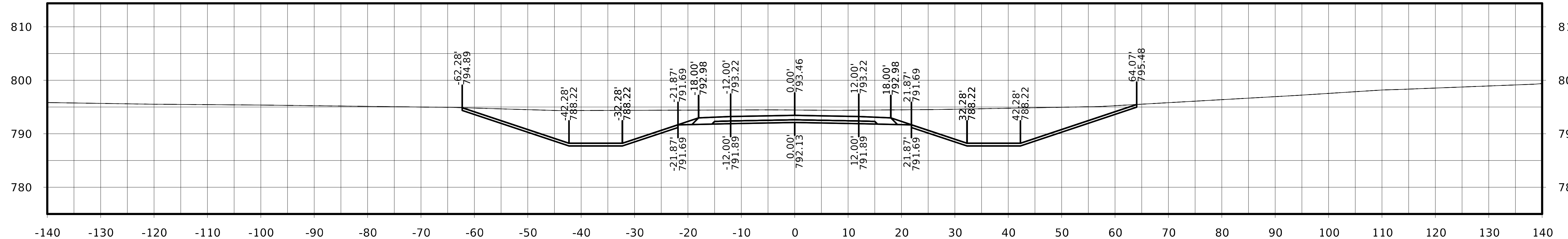
STA. 9011+00.00



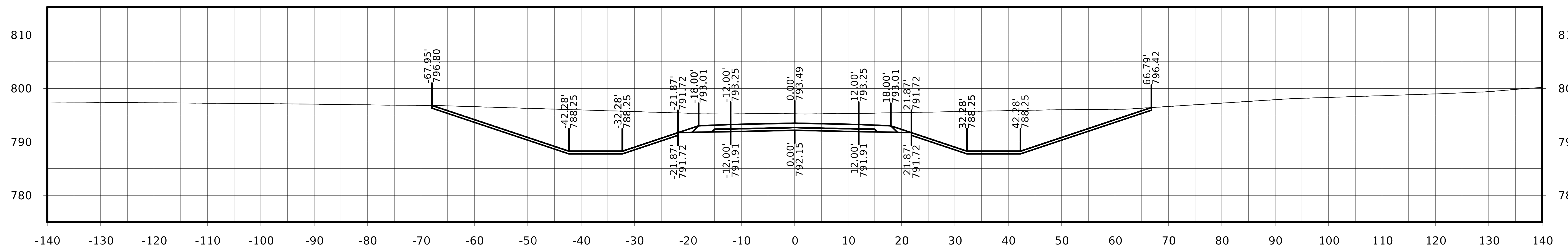
STA. 9010+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.620

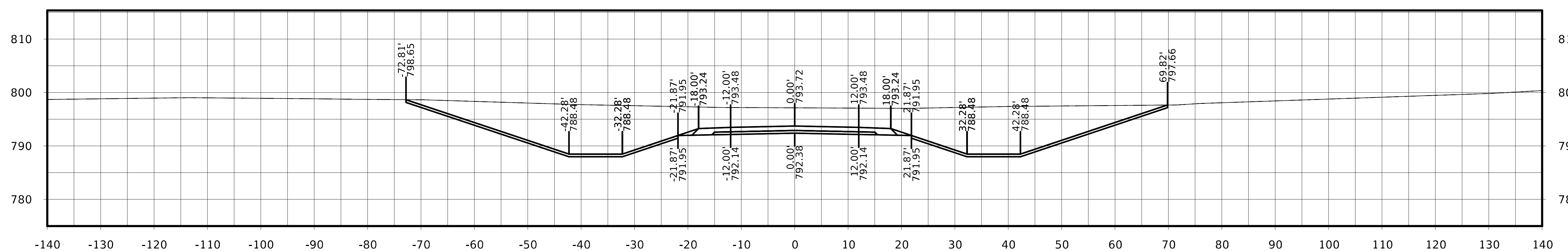
210th St. (S)



STA. 9012+00.00



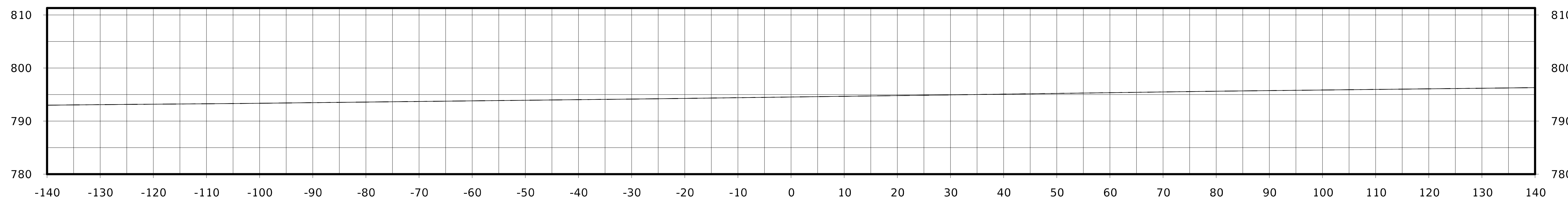
STA. 9011+75.00



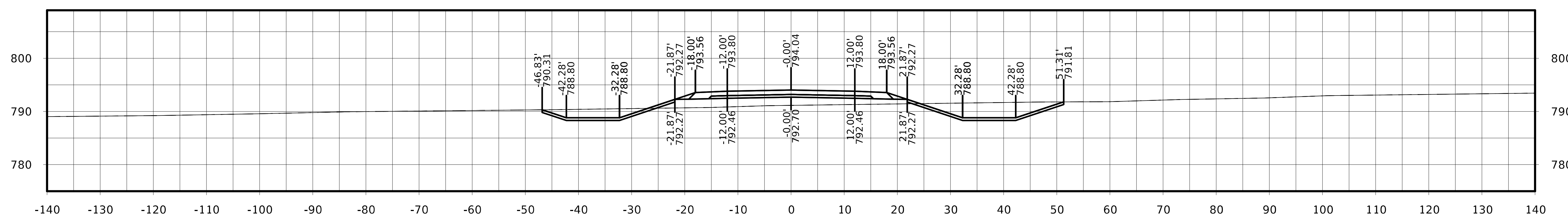
STA. 9011+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.621

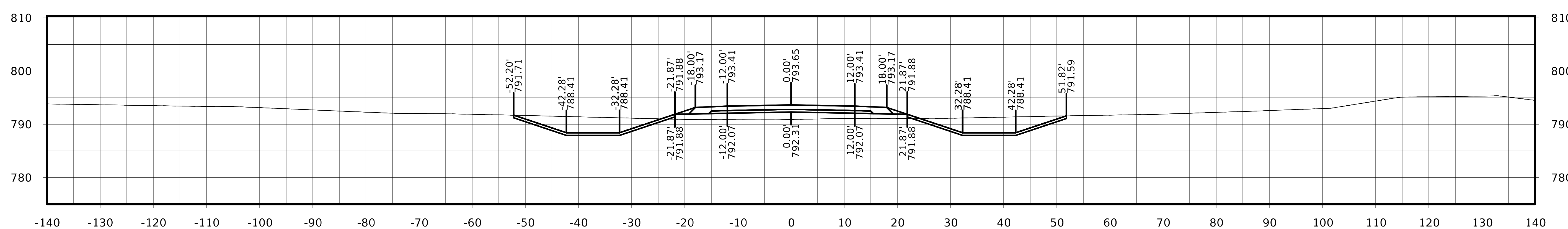
210th St. (S)



STA. 9012+75.00



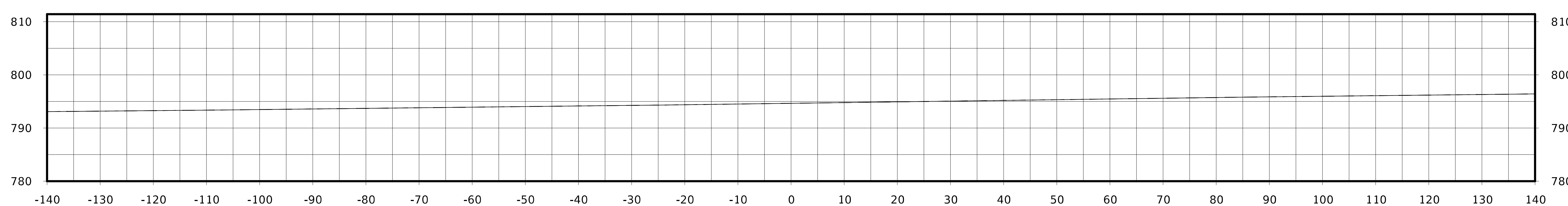
STA. 9012+50.00



STA. 9012+25.00

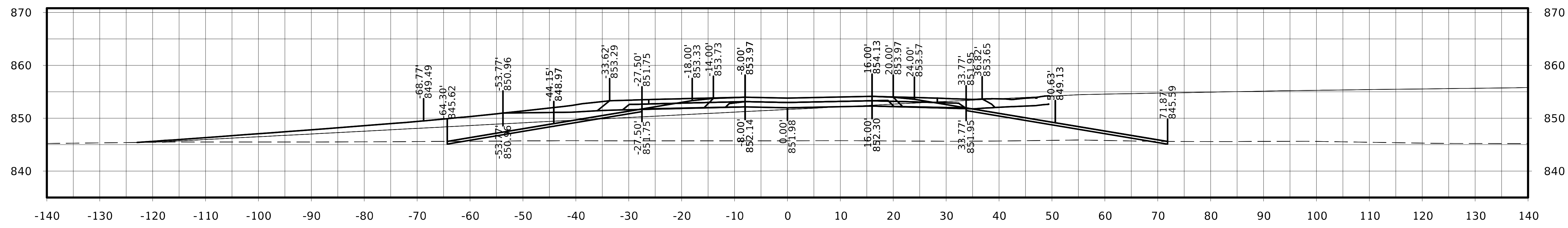
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.622

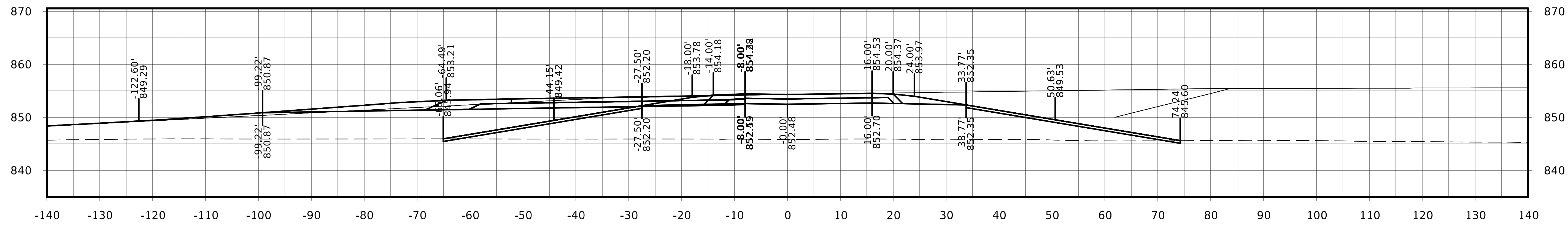
210th St. (S)

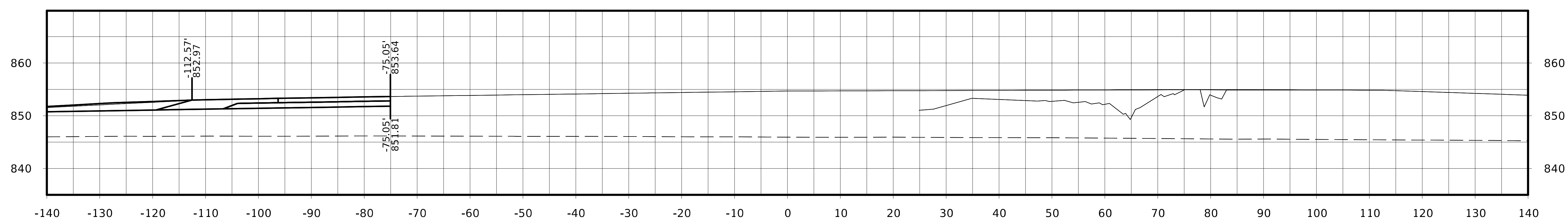


STA. 9012+81.16

Ramp A

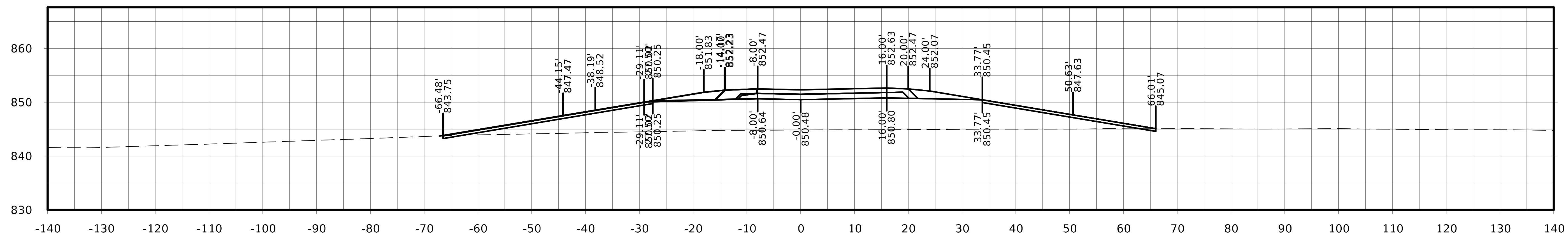




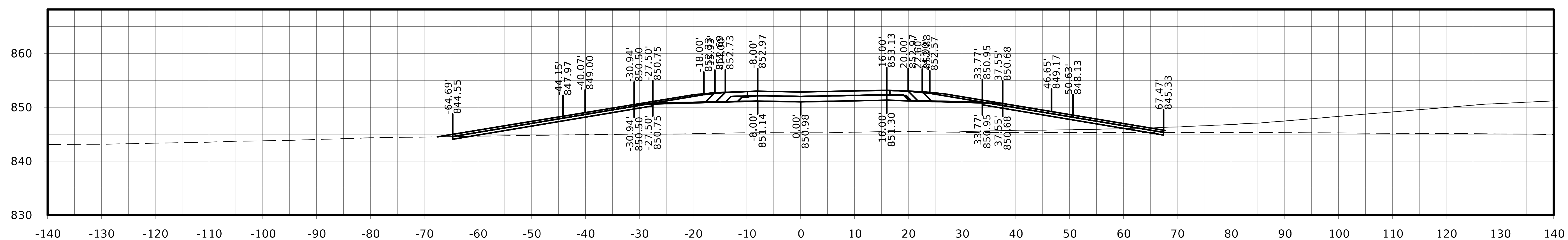


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER W.624	

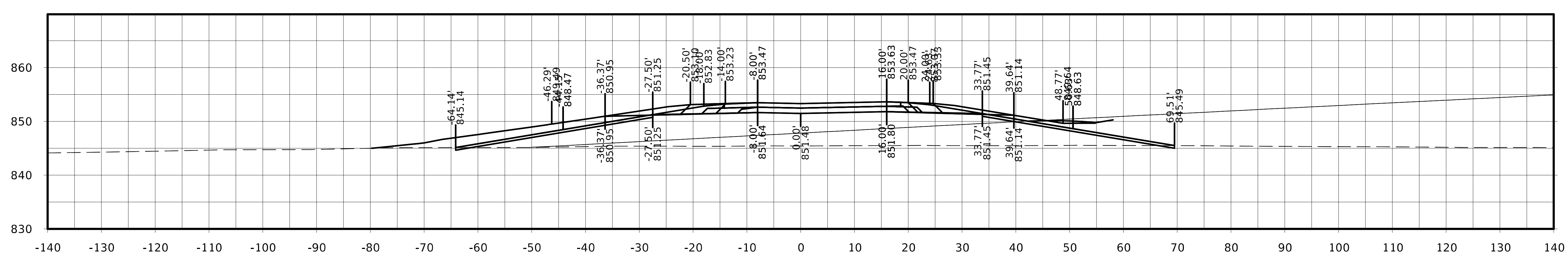
Ramp A



STA. 11257+00.00



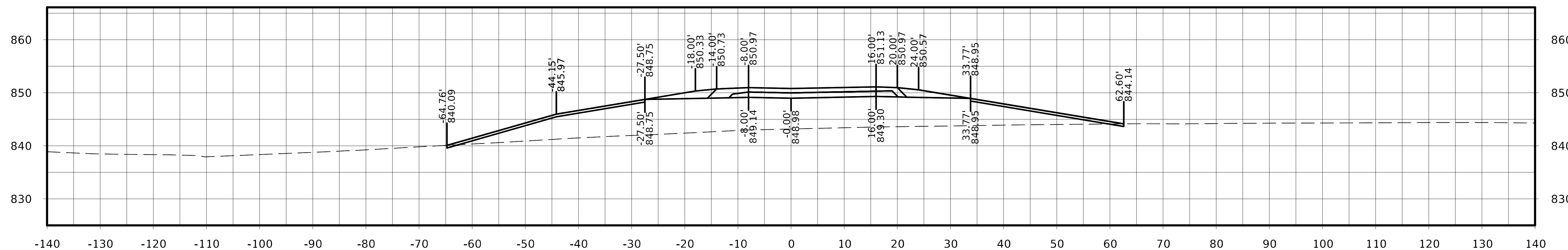
STA. 11256+75.00



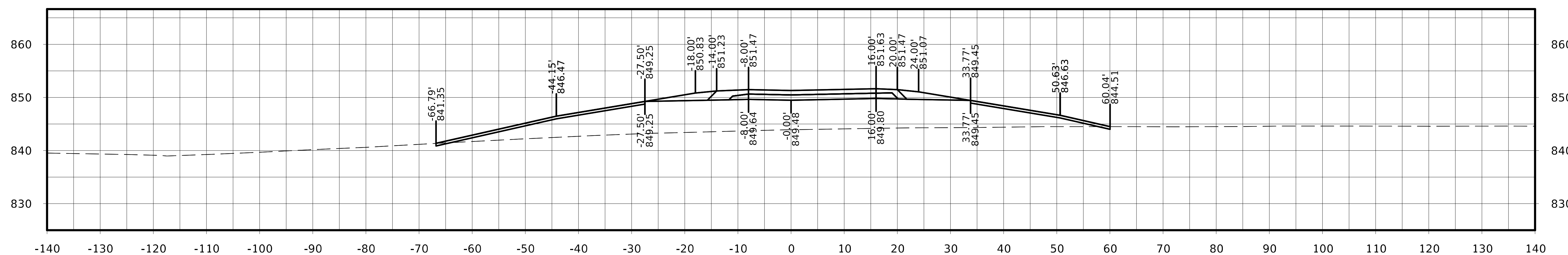
STA. 11256+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.625

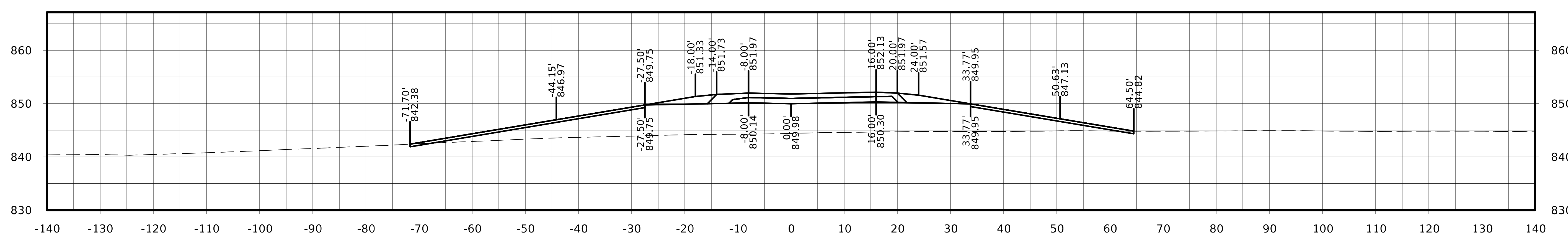
Ramp A



STA. 11257+75.00



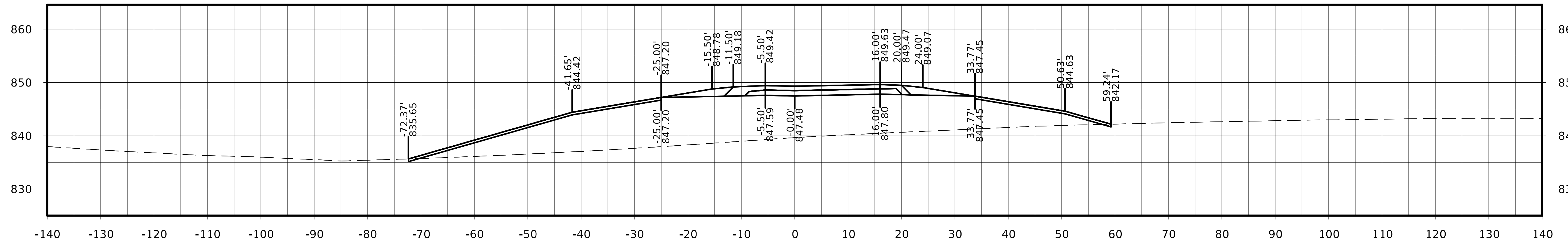
STA. 11257+50.00



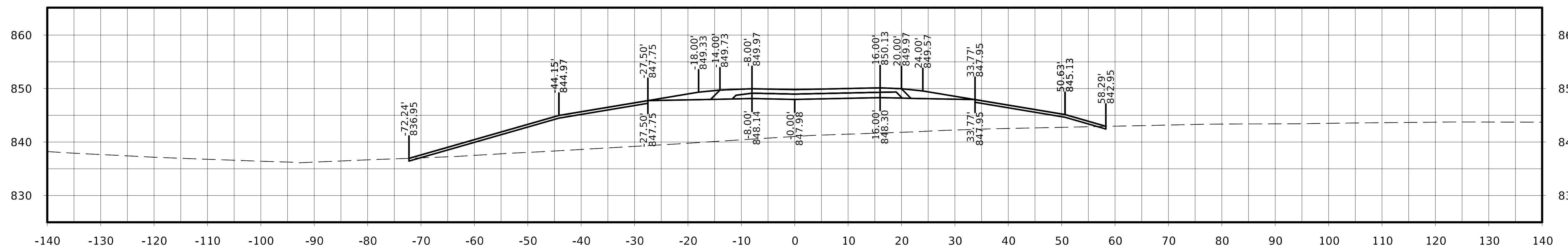
STA. 11257+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.626

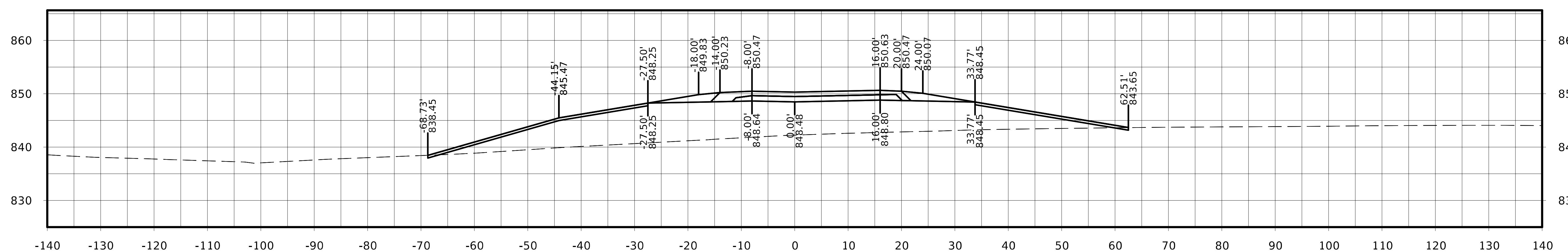
Ramp A



STA. 11258+50.00



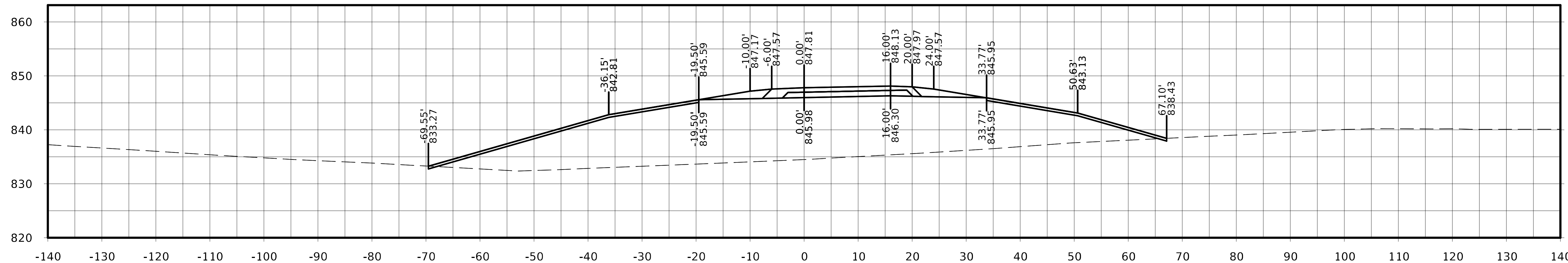
STA. 11258+25.00



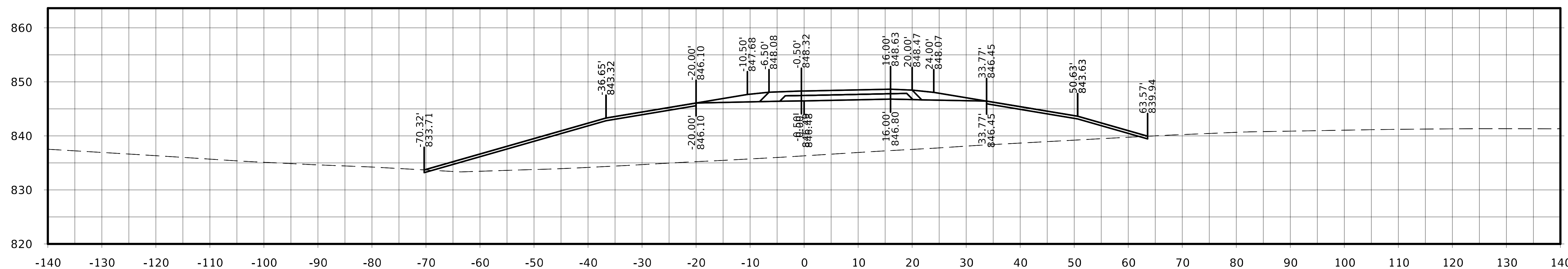
STA. 11258+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.627

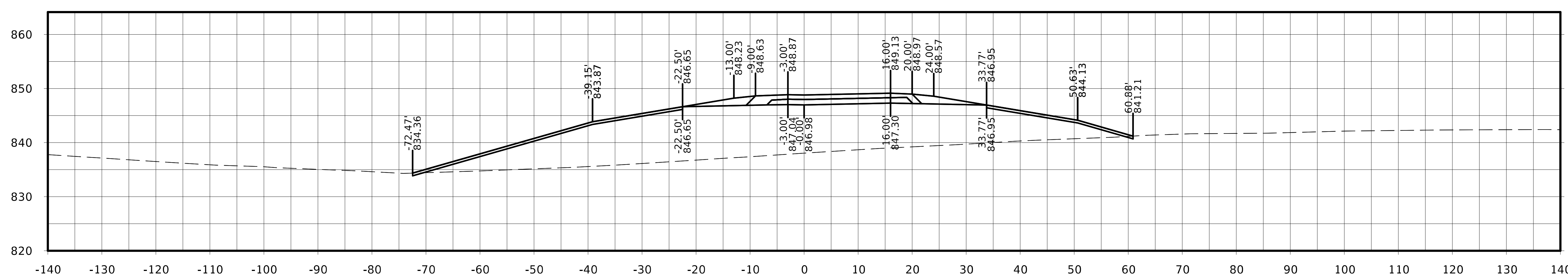
Ramp A



STA. 11259+25.00



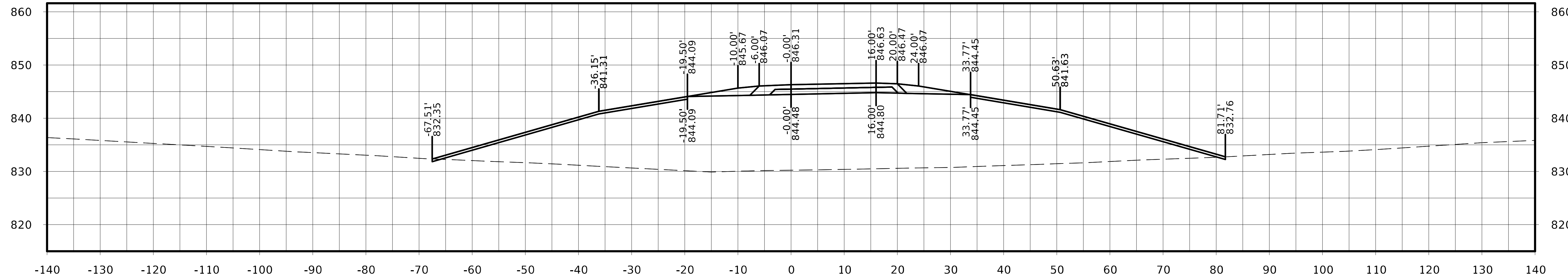
STA. 11259+00.00



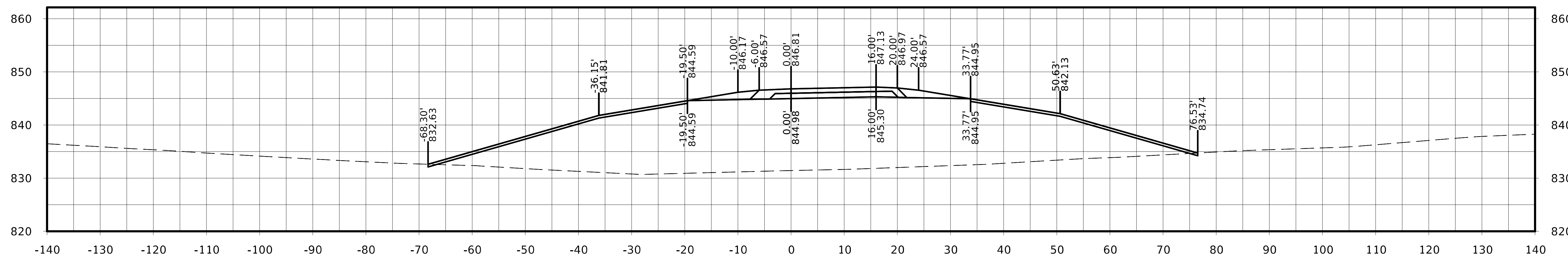
STA. 11258+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.628

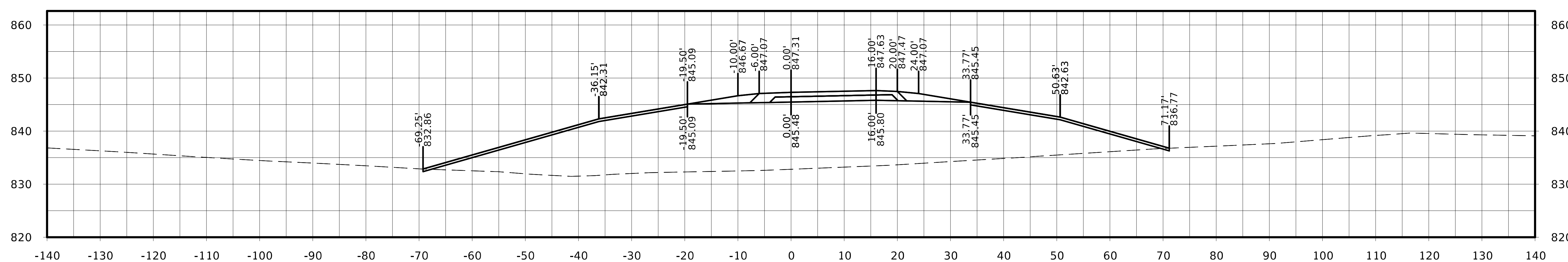
Ramp A



STA. 11260+00.00



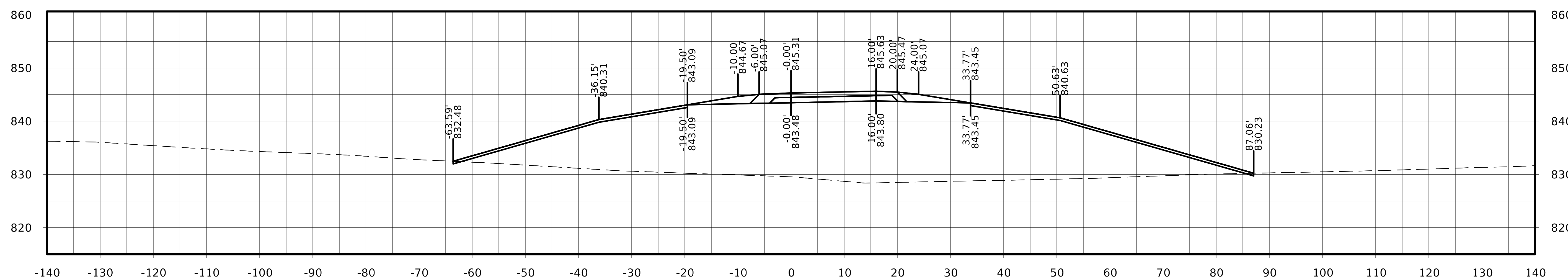
STA. 11259+75.00



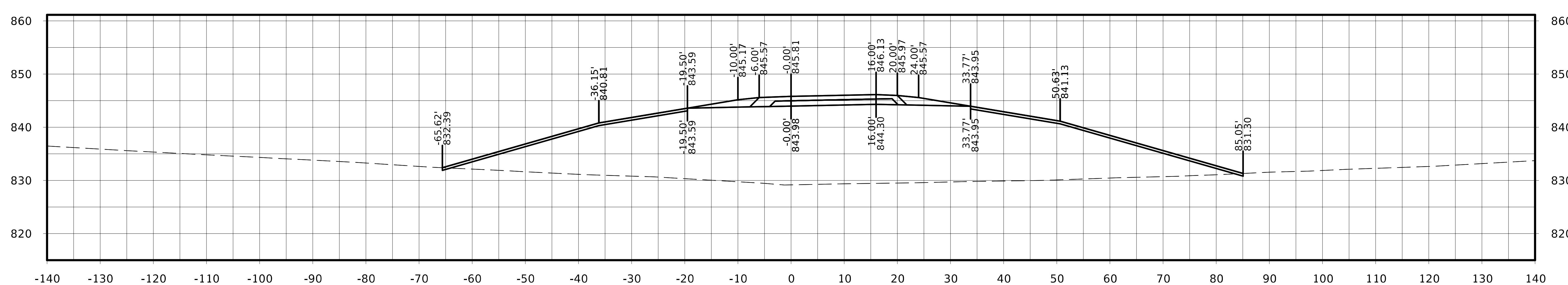
STA. 11259+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.629

Ramp A



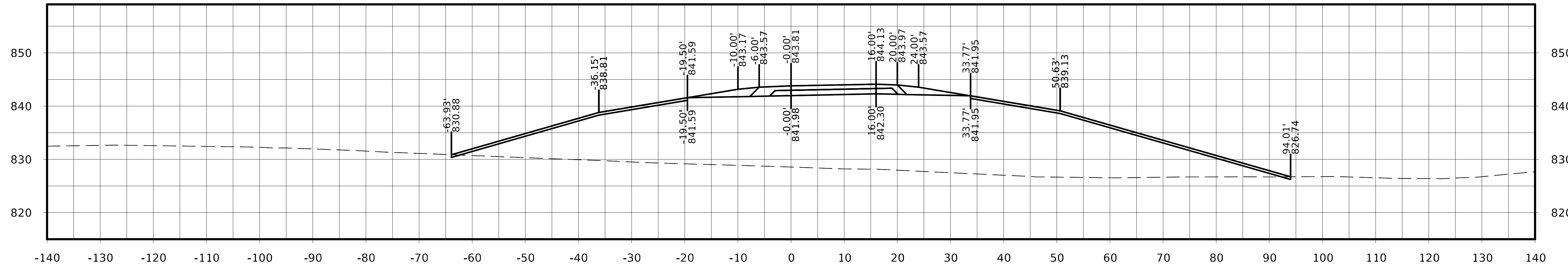
STA. 11260+50.00



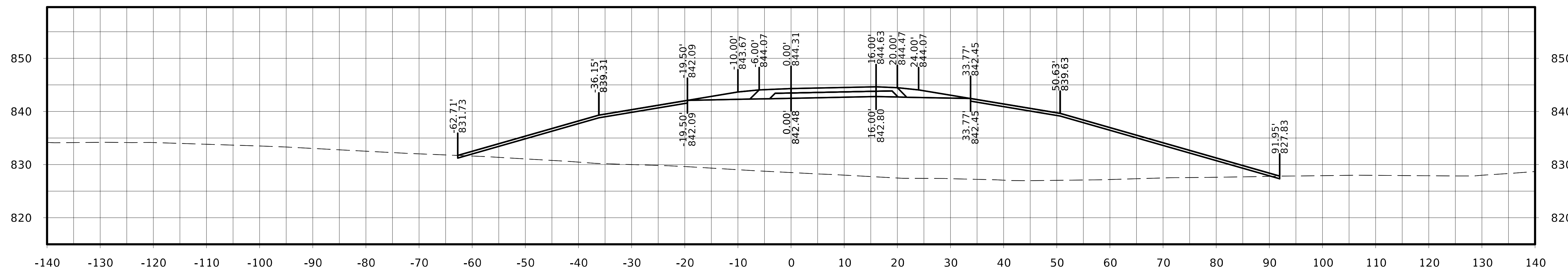
STA. 11260+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.630

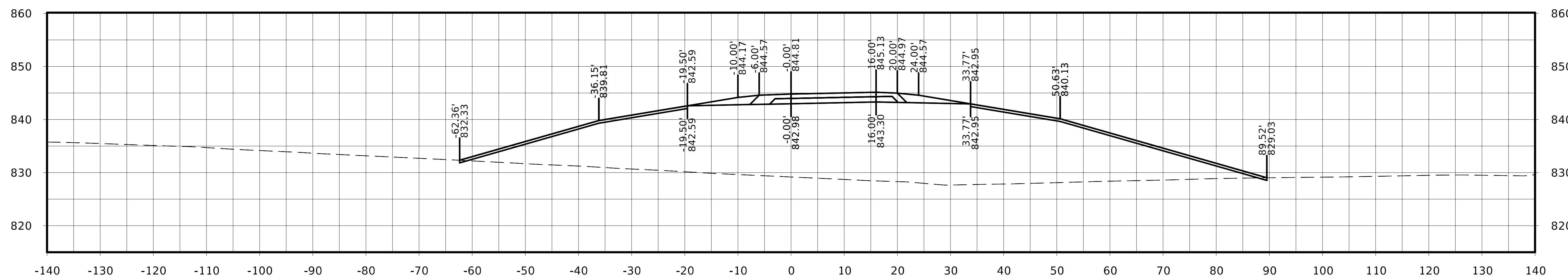
Ramp A



STA. 11261+25.00



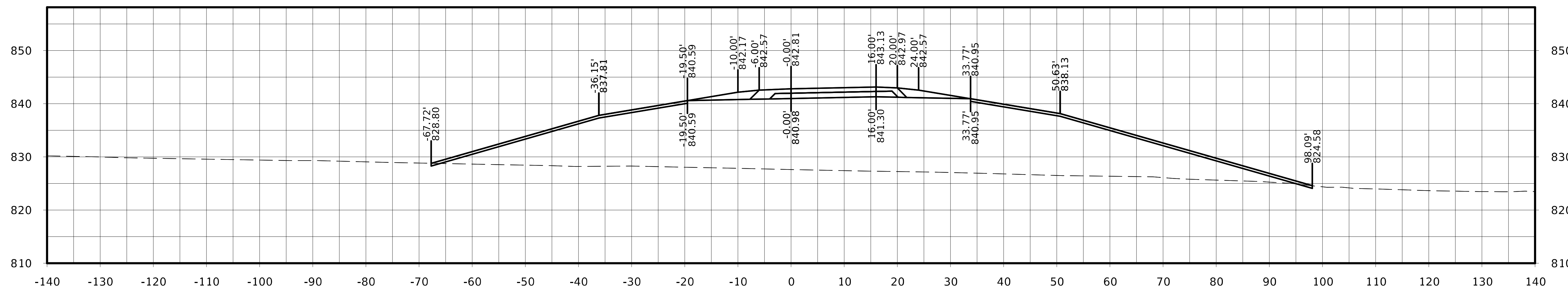
STA. 11261+00.00



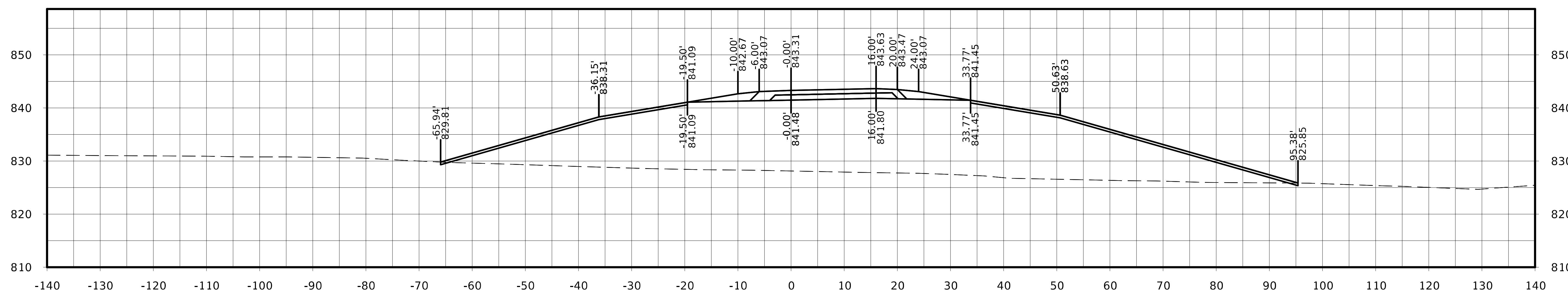
STA. 11260+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.631

Ramp A



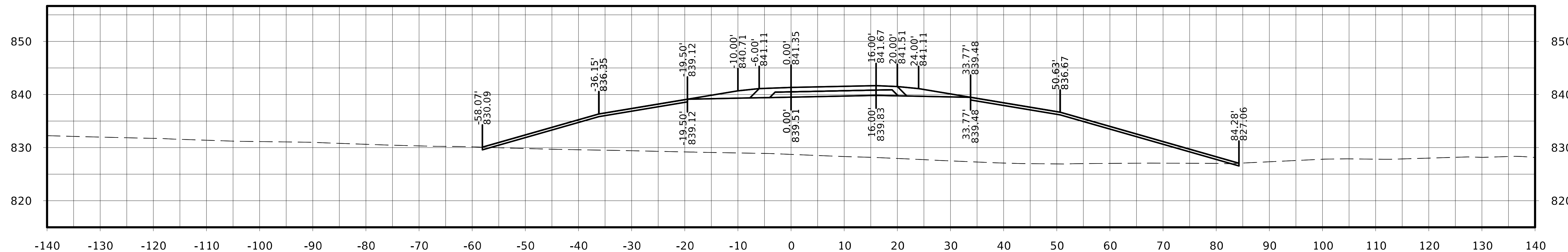
STA. 11261+75.00



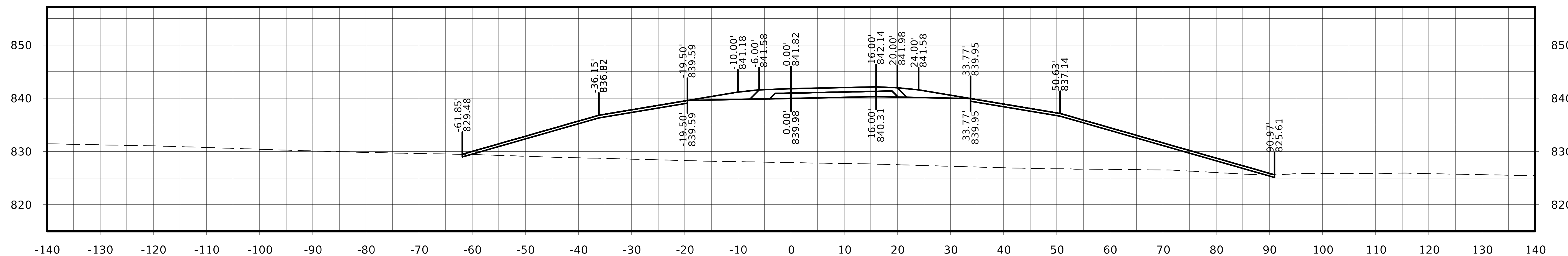
STA. 11261+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.632

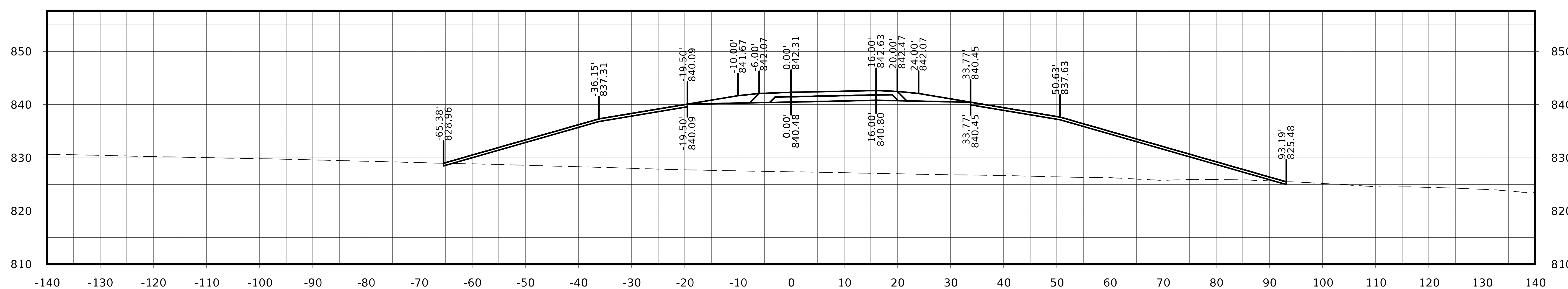
Ramp A



STA. 11262+50.00



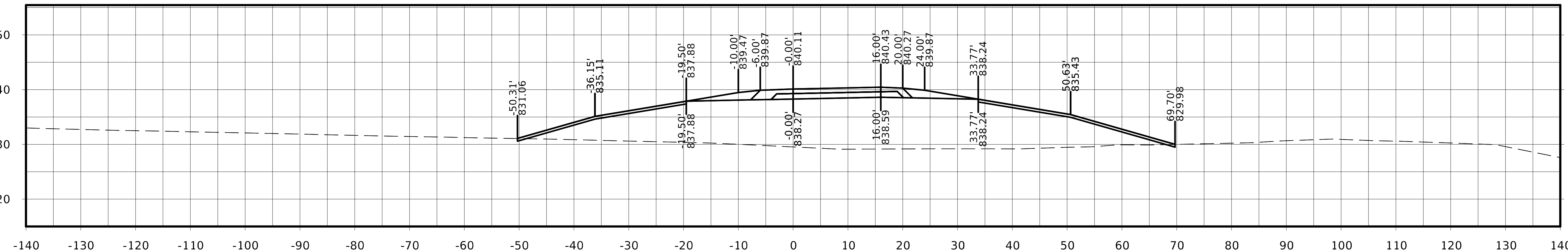
STA. 11262+25.00



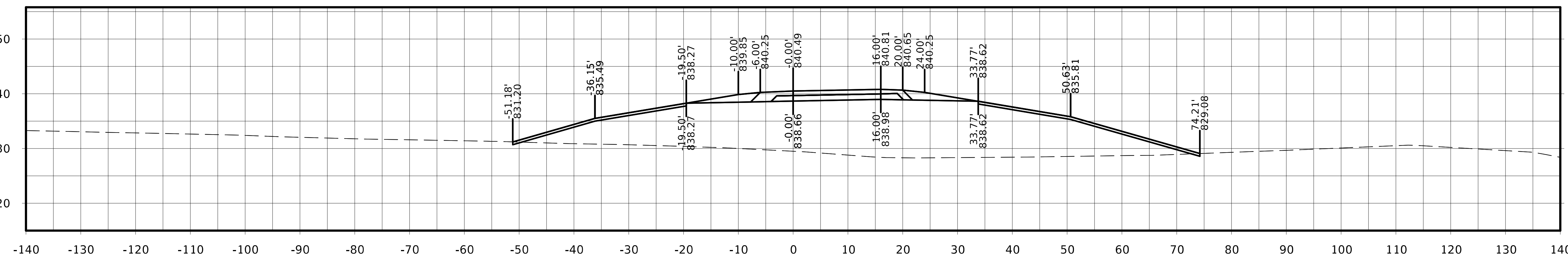
STA. 11262+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.633

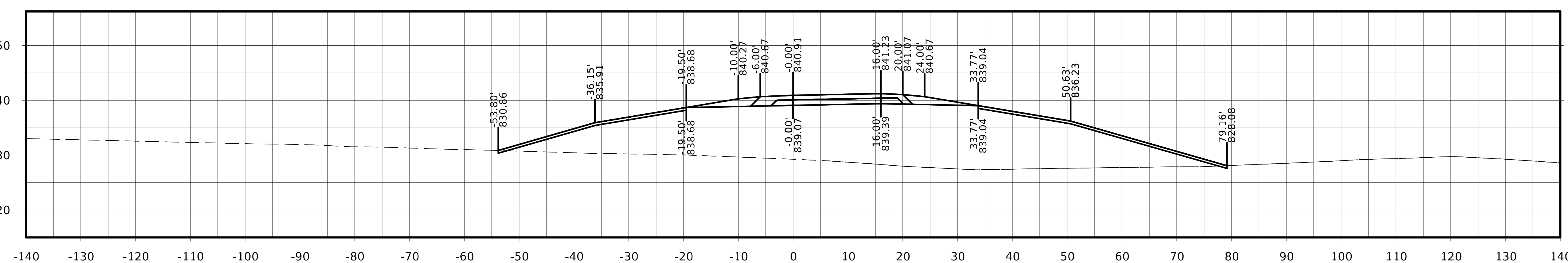
Ramp A



STA. 11263+25.00



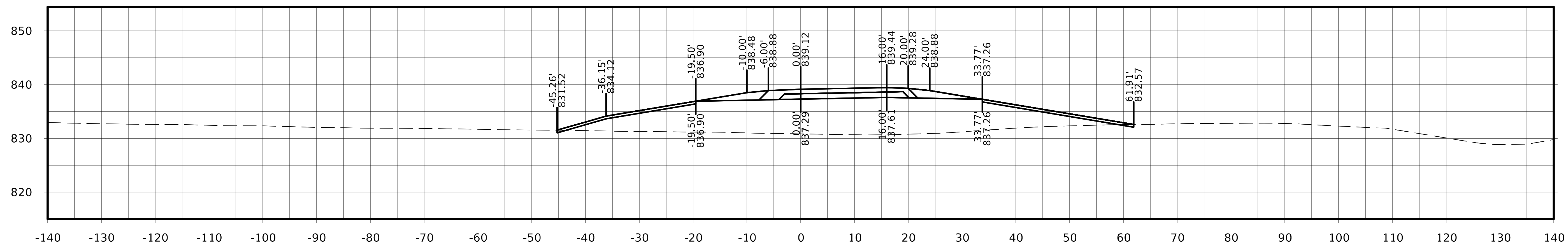
STA. 11263+00.00



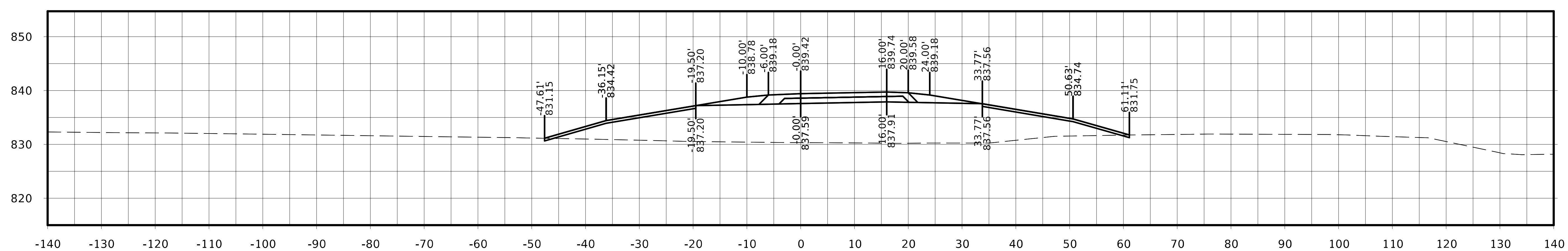
STA. 11262+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.634

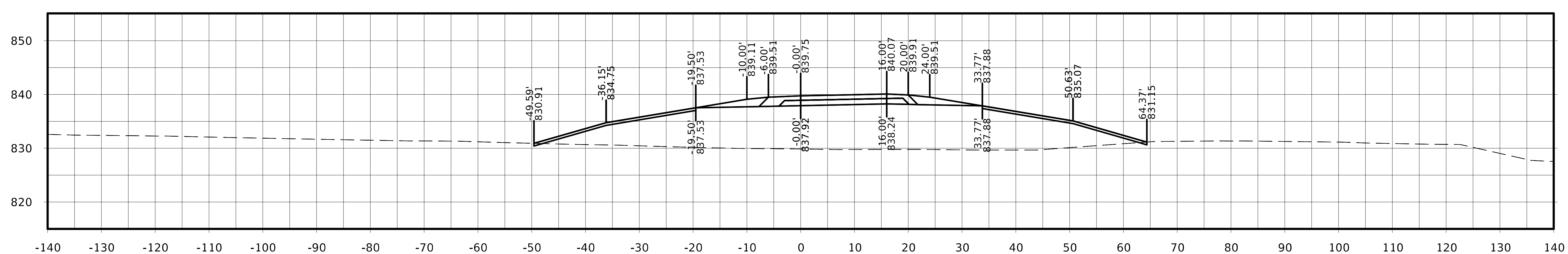
Ramp A



STA. 11264+00.00



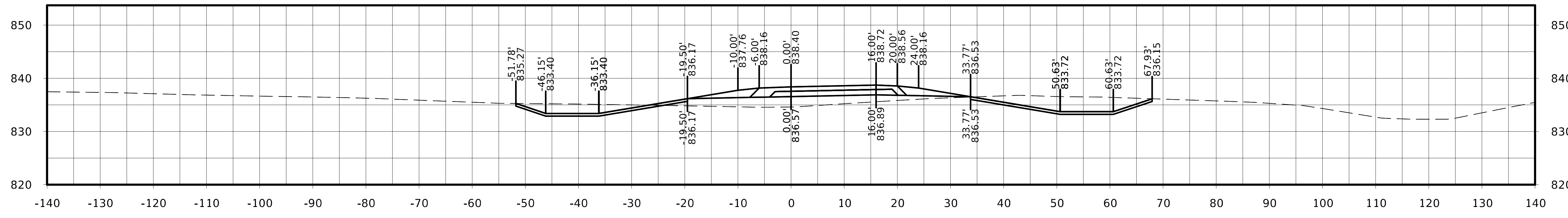
STA. 11263+75.00



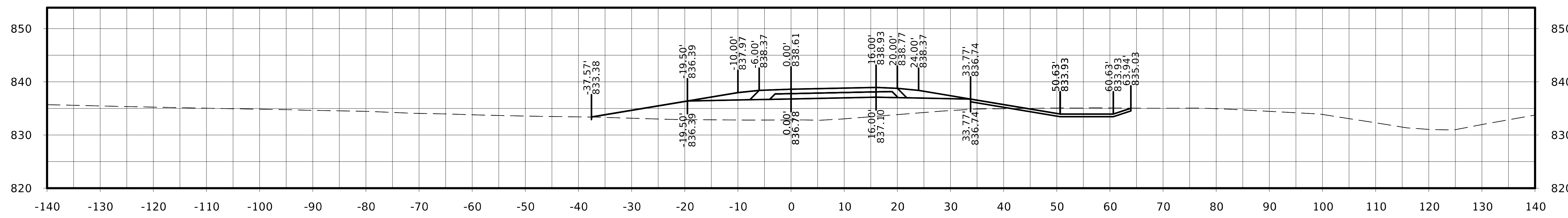
STA. 11263+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.635

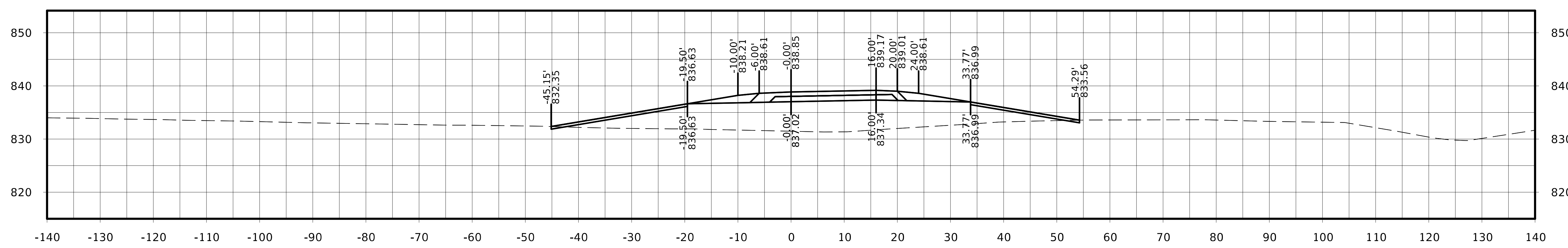
Ramp A



STA. 11264+75.00



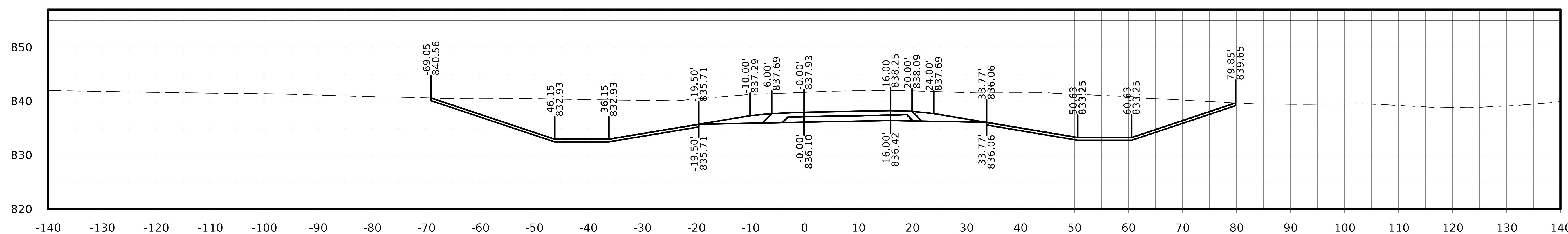
STA. 11264+50.00



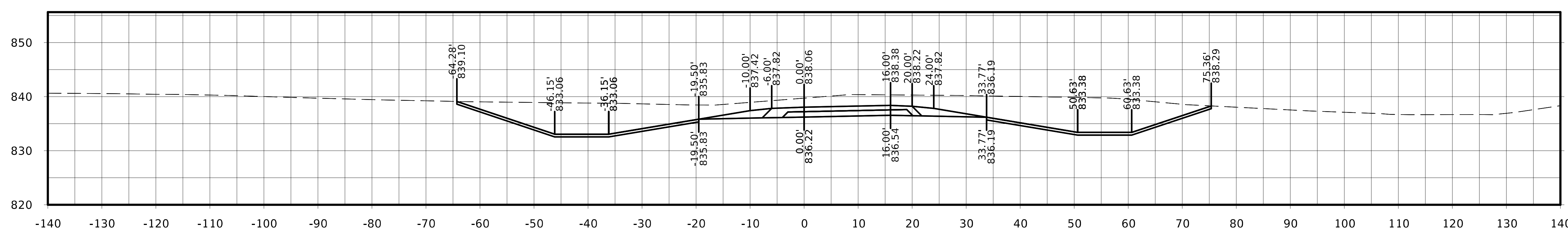
STA. 11264+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.636

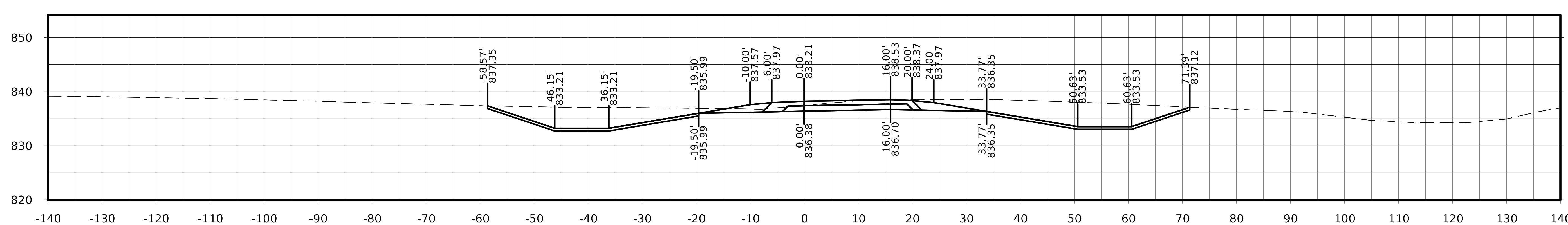
Ramp A



STA. 11265+50.00



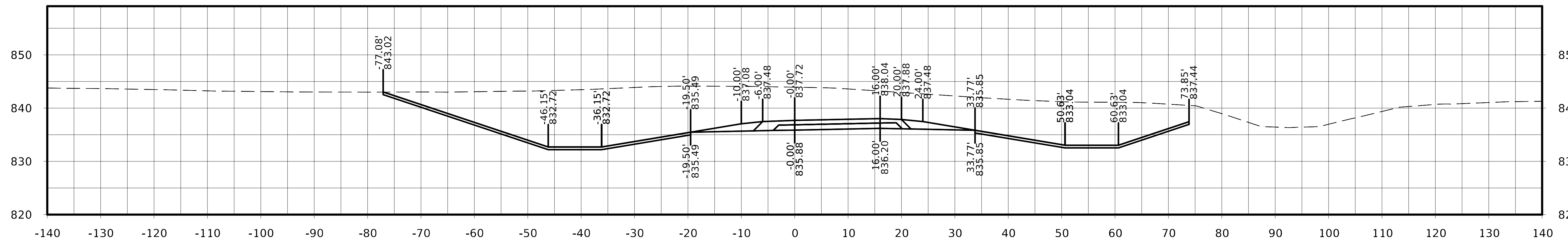
STA. 11265+25.00



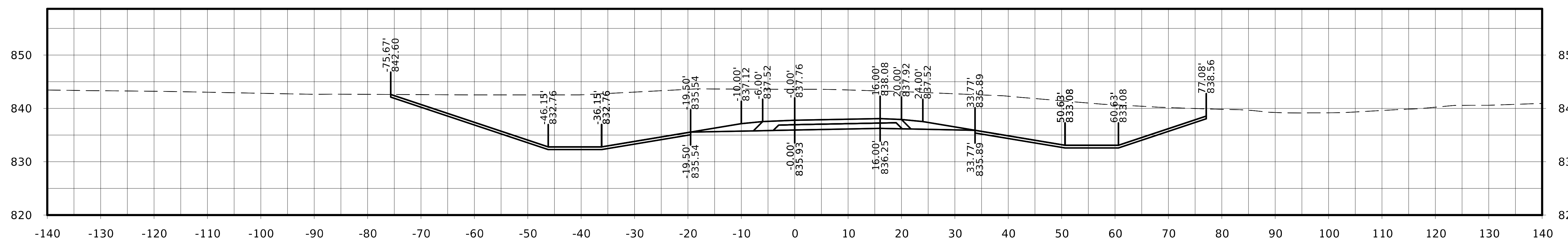
STA. 11265+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.637

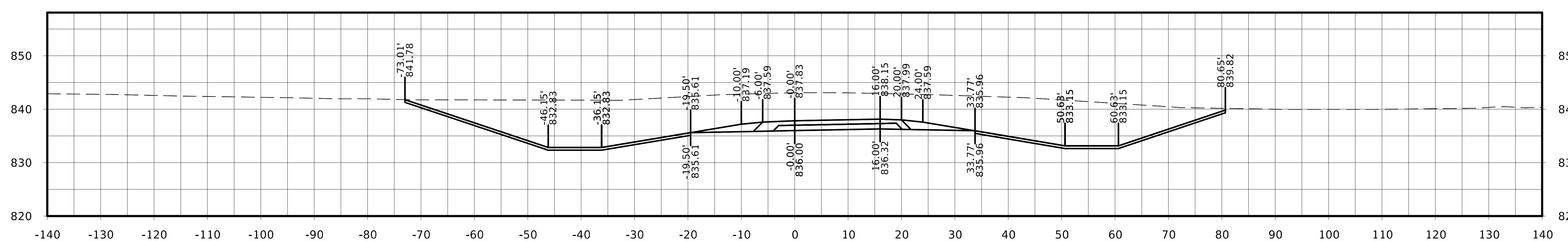
Ramp A



STA. 11266+25.00



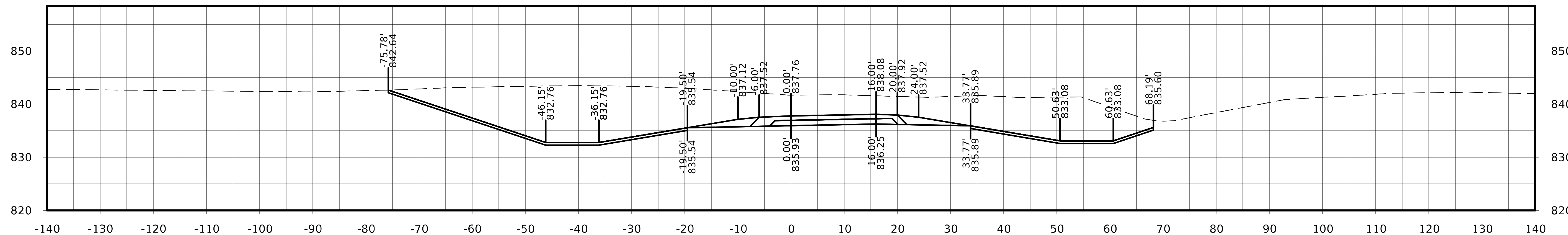
STA. 11266+00.00



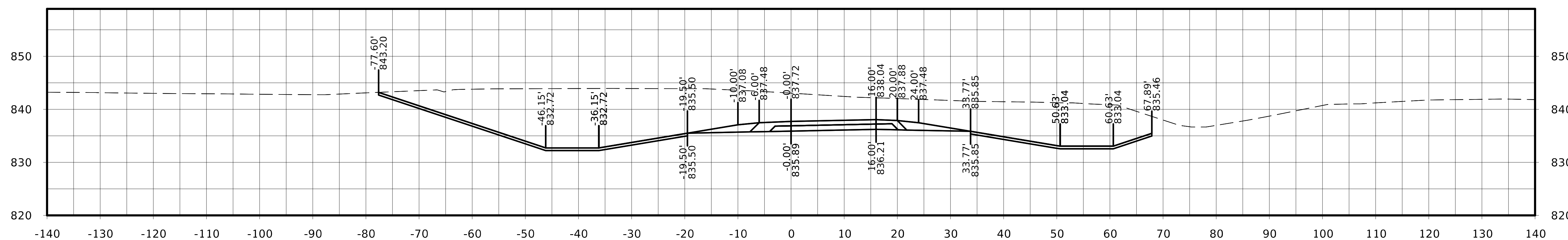
STA. 11265+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.638

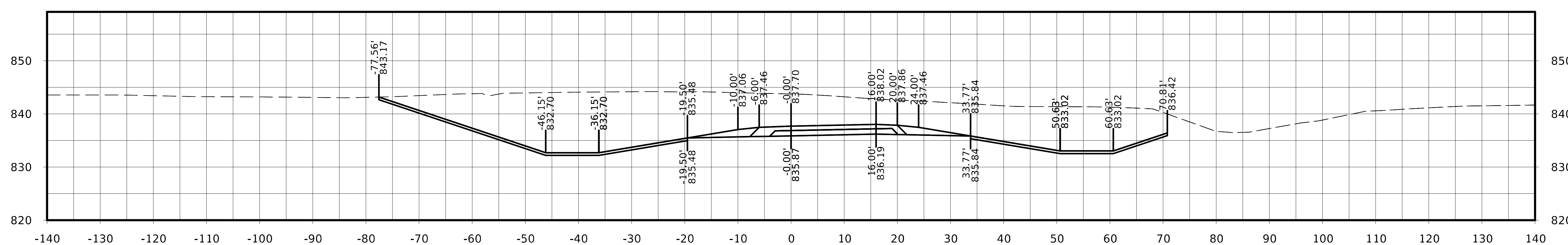
Ramp A



STA. 11267+00.00



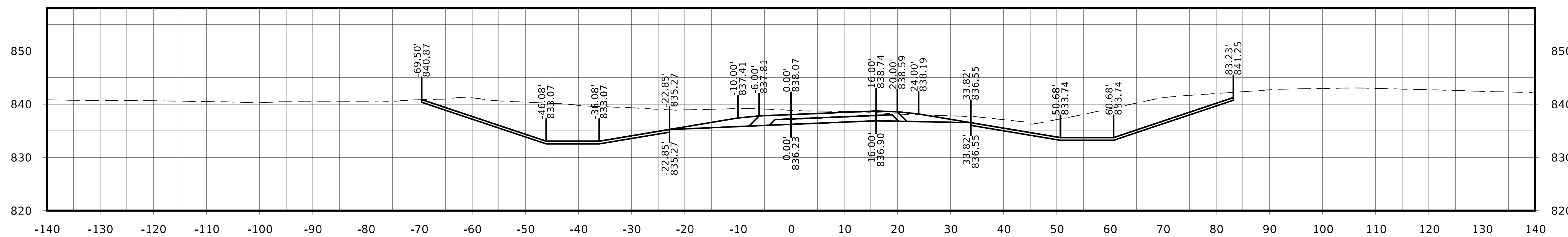
STA. 11266+75.00



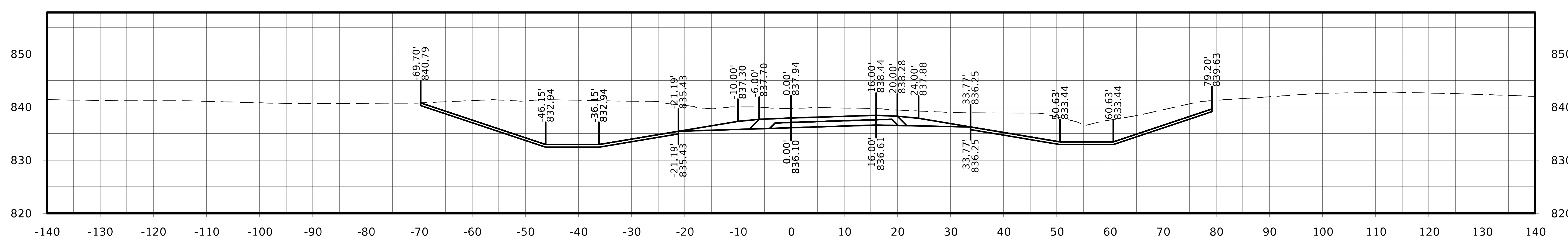
STA. 11266+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.639

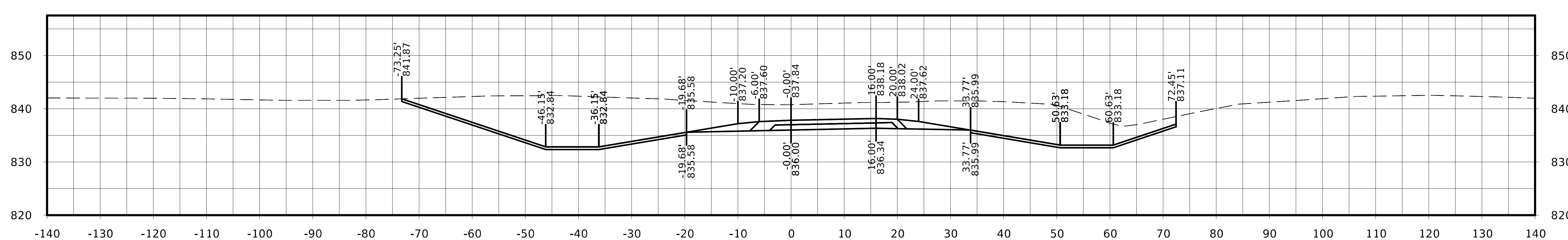
Ramp A



STA. 11267+75.00



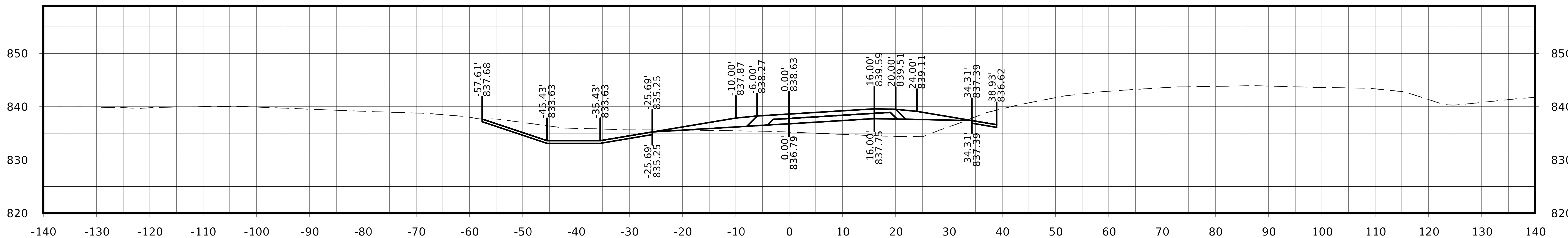
STA. 11267+50.00



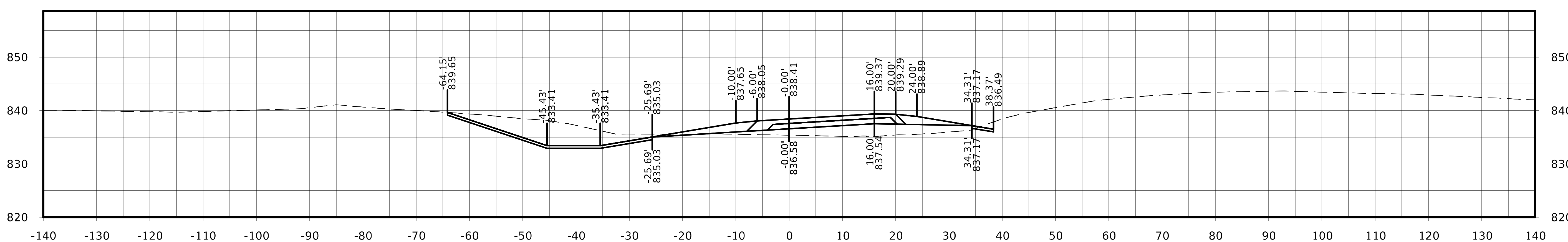
STA. 11267+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.640

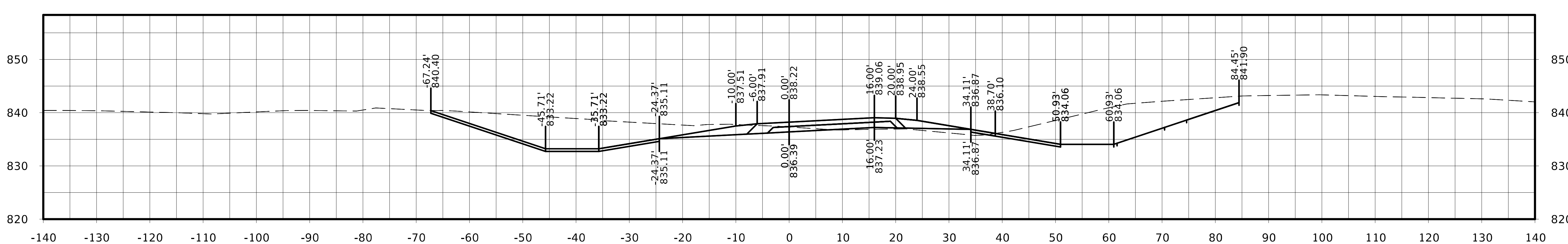
Ramp A



STA. 11268+50.00



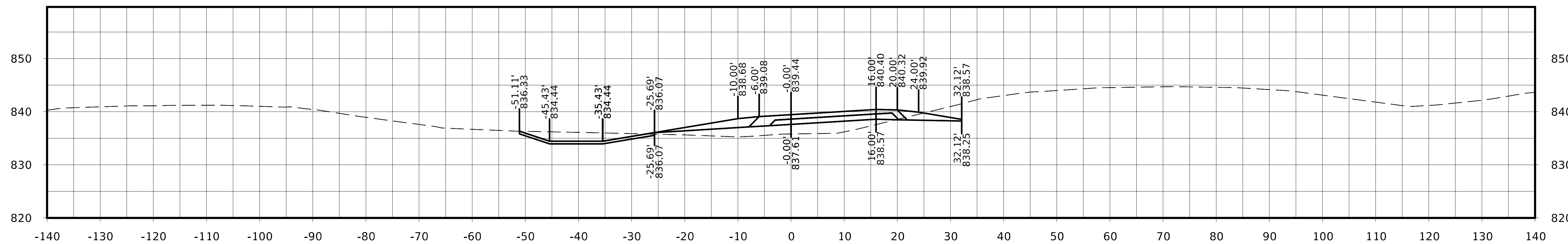
STA. 11268+25.00



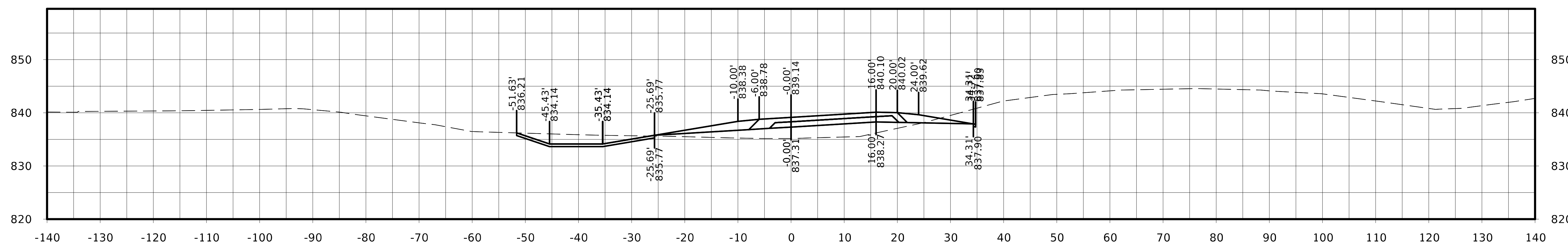
STA. 11268+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.641

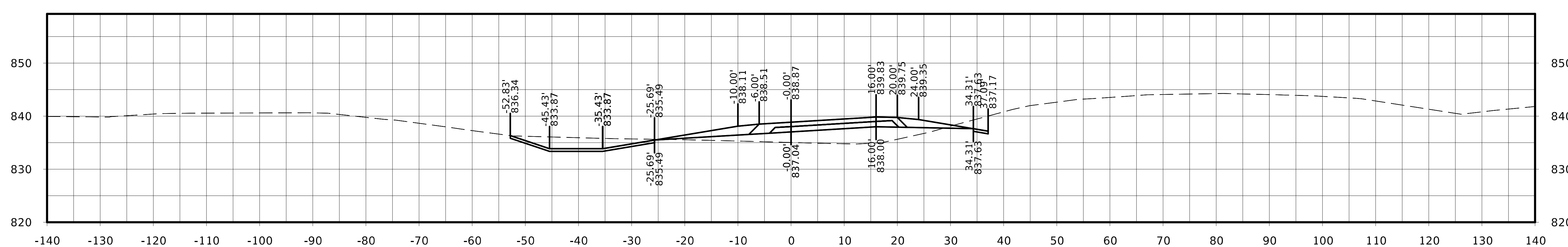
Ramp A



STA. 11269+25.00



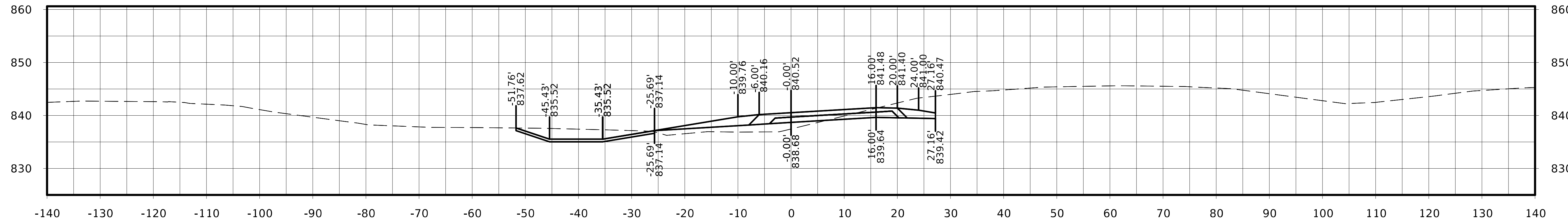
STA. 11269+00.00



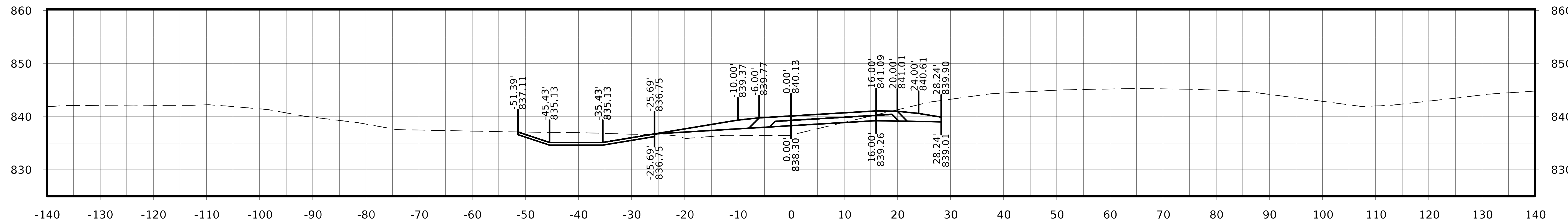
STA. 11268+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.642

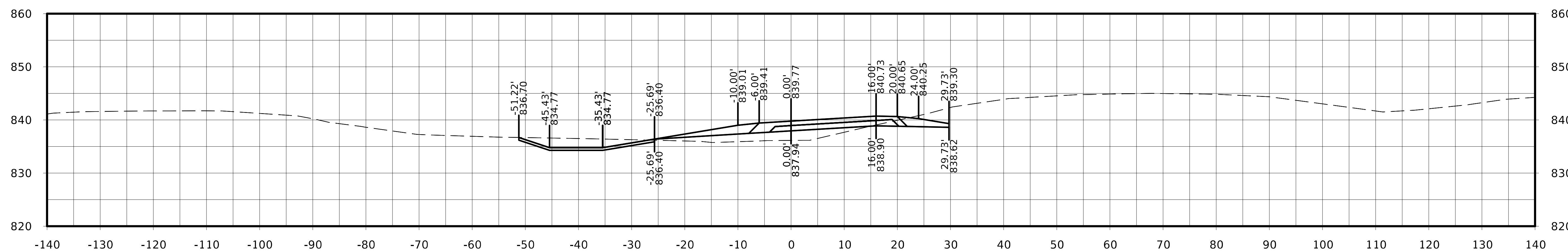
Ramp A



STA. 11270+00.00

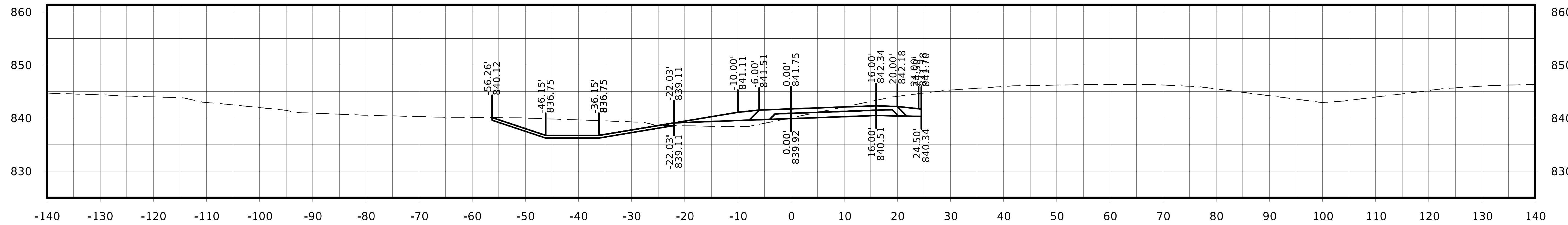


STA. 11269+75.00

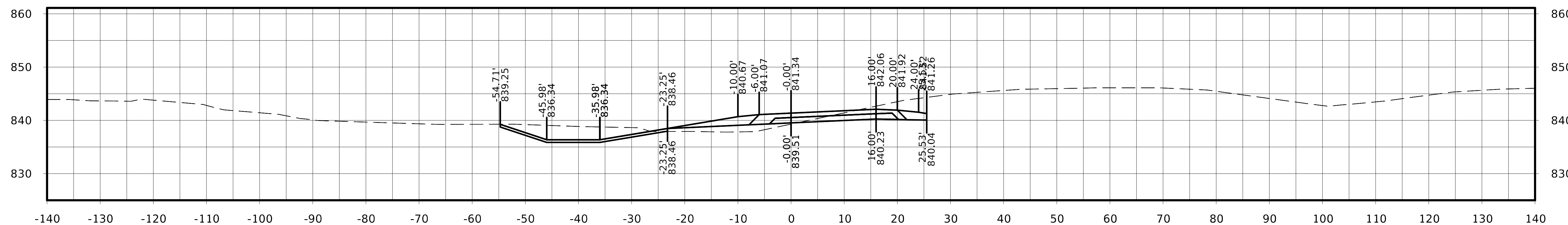


STA. 11269+50.00

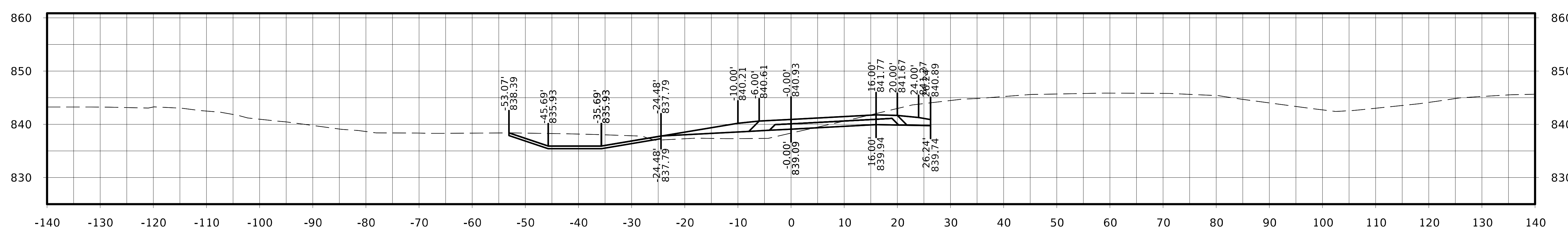
Ramp A



STA. 11270+75.00



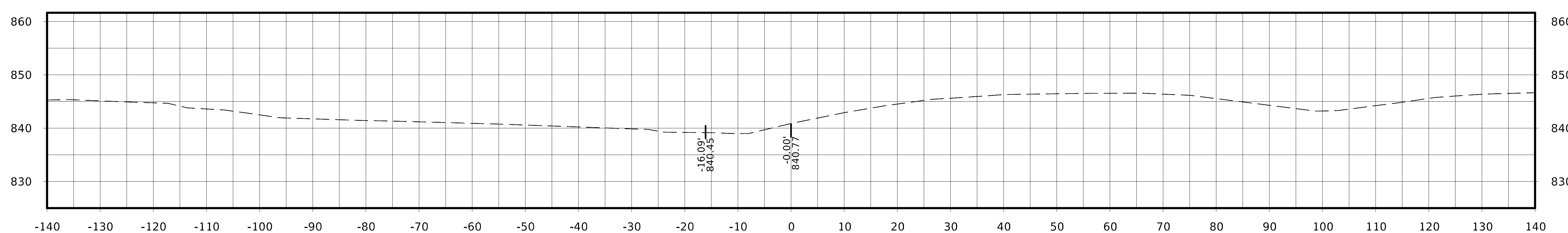
STA. 11270+50.00



STA. 11270+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.644

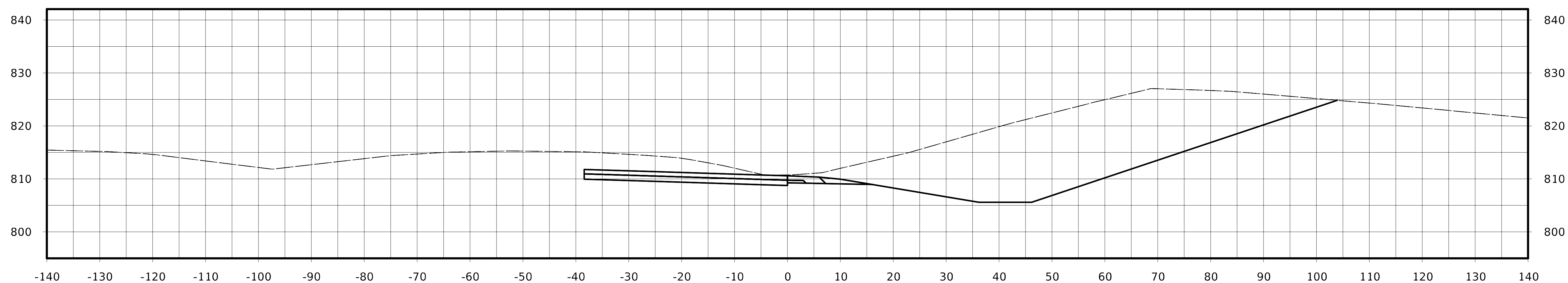
Ramp A



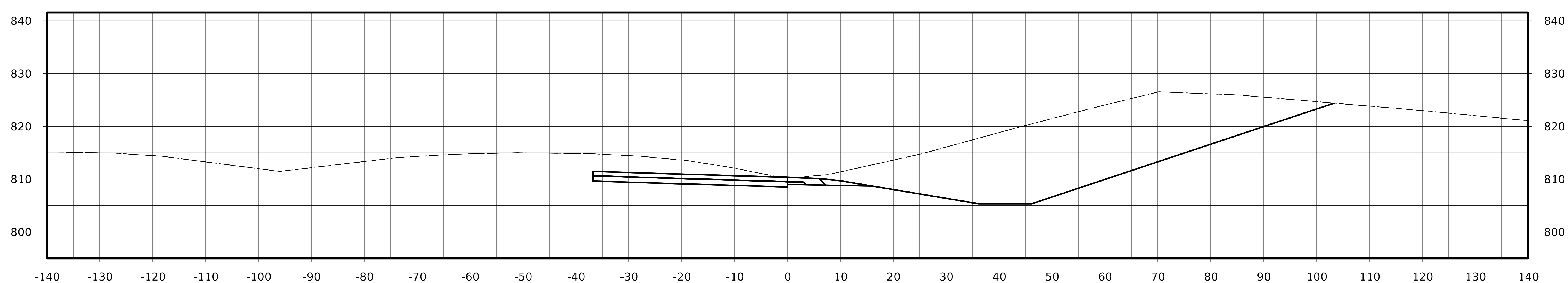
STA. 11270+96.11

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.645	

Ramp B



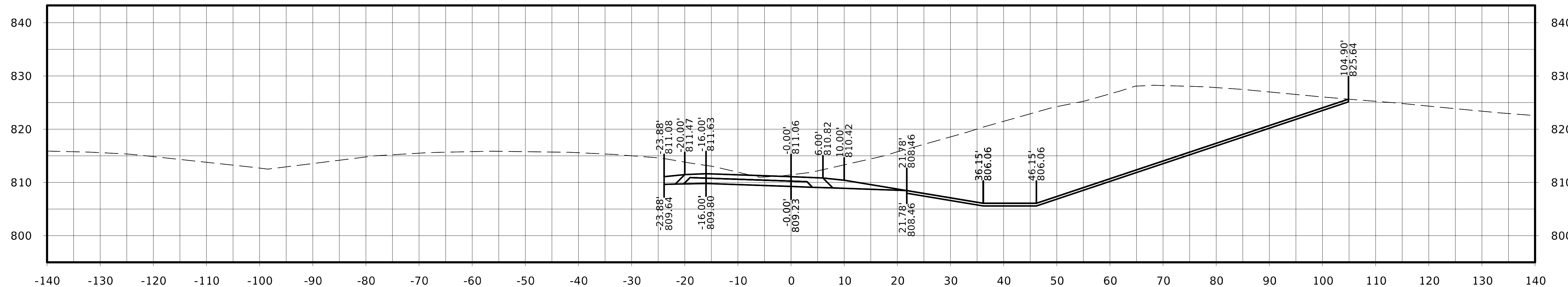
STA. 21241+75.00



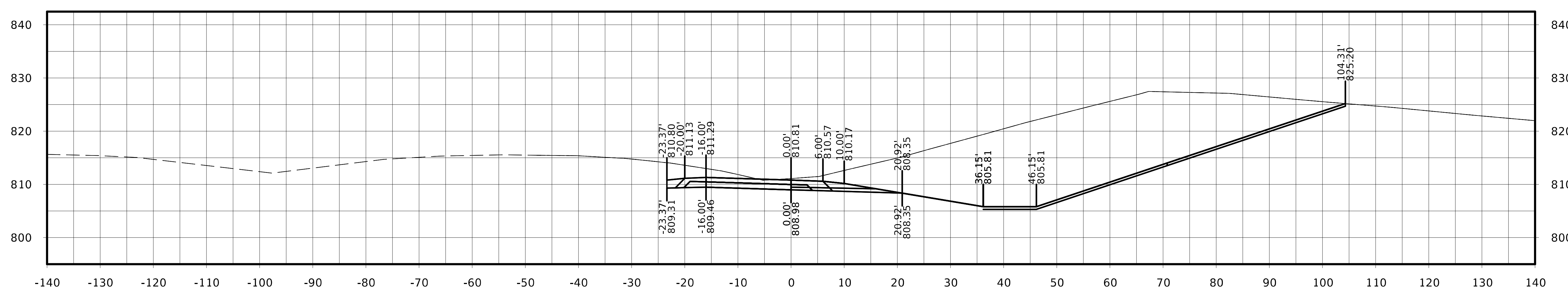
STA. 21241+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.646

Ramp B



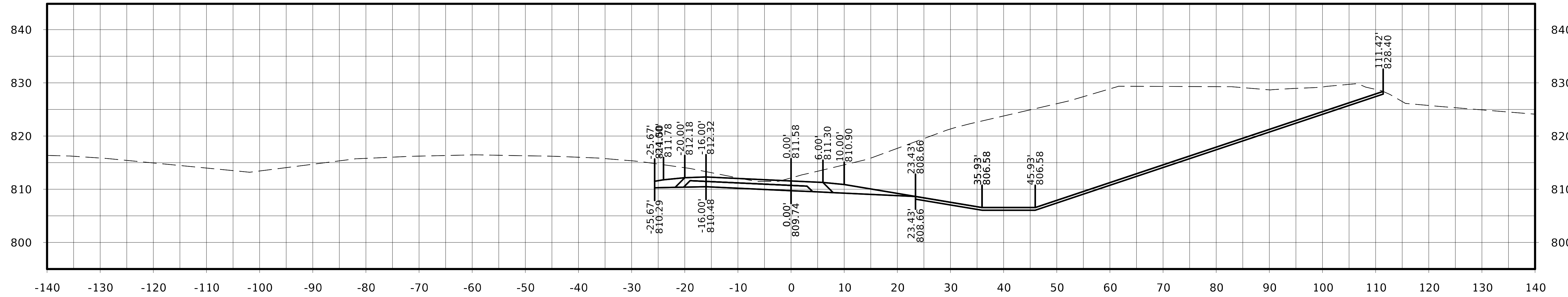
STA. 21242+25.00

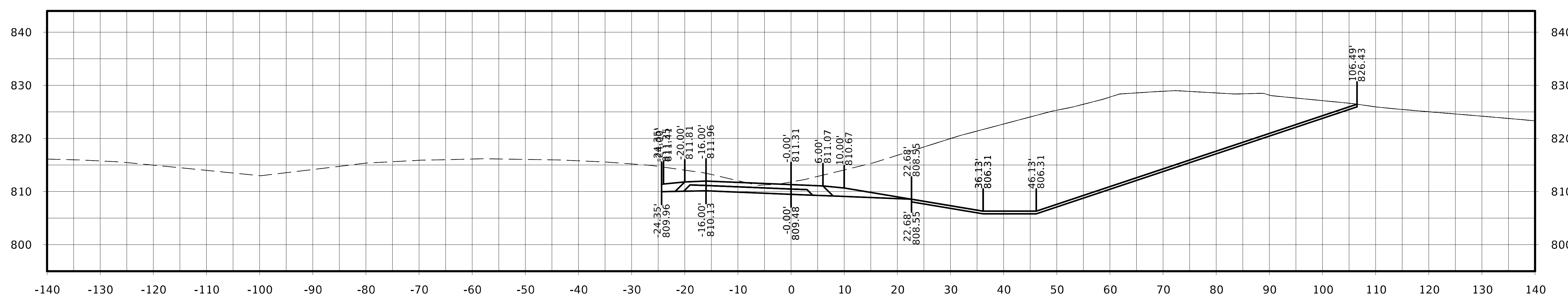


STA. 21242+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.647

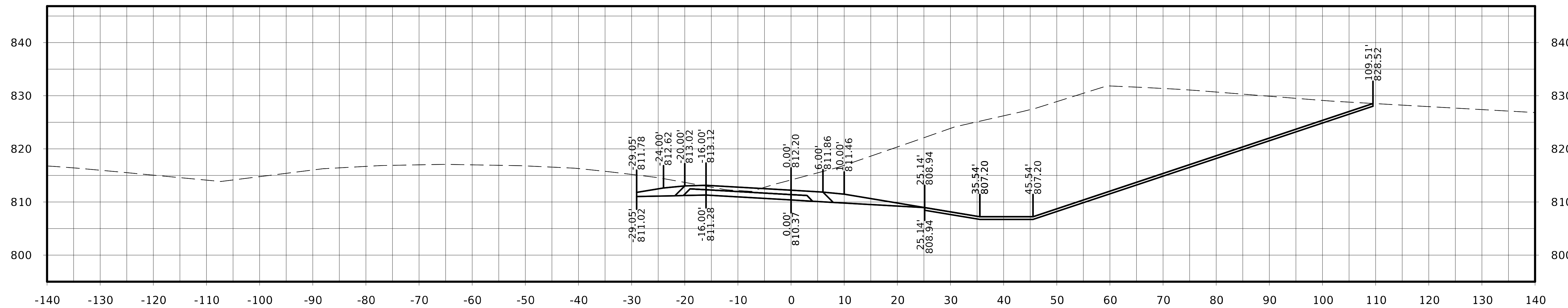
Ramp B



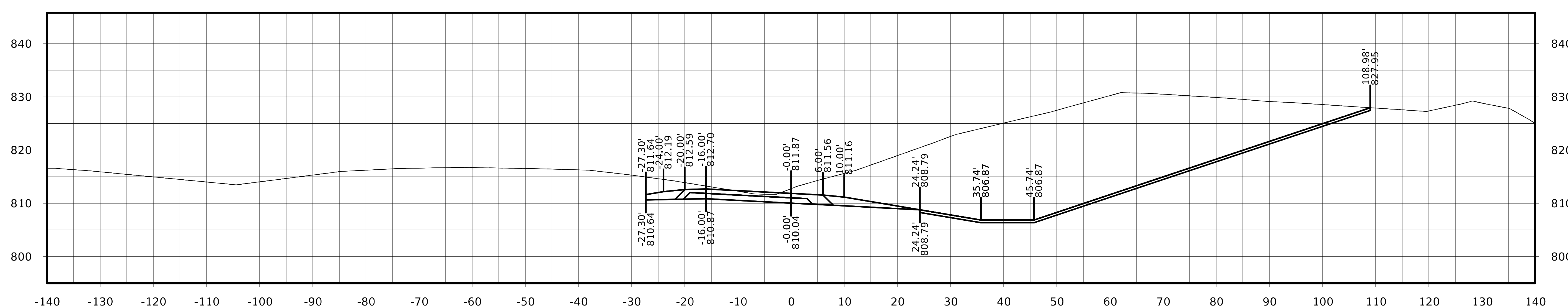


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.648

Ramp B



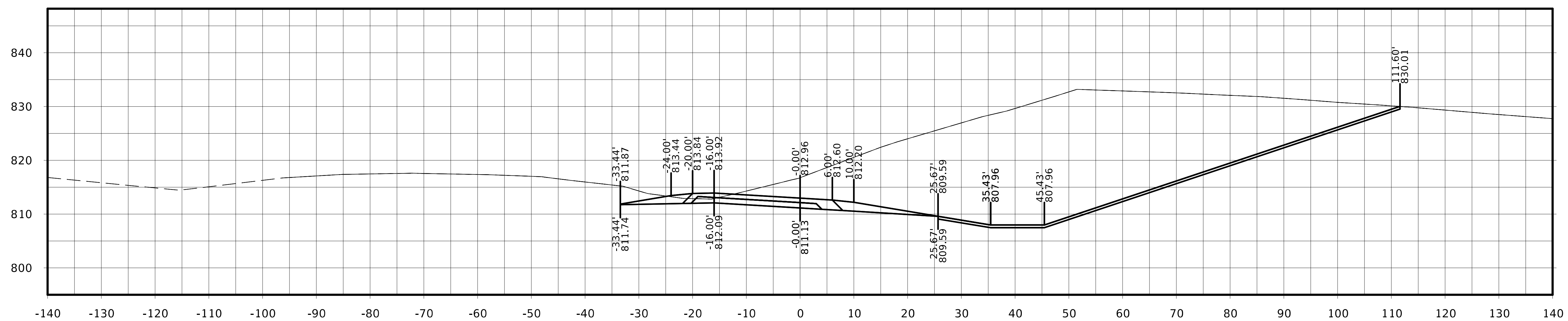
STA. 21243+25.00



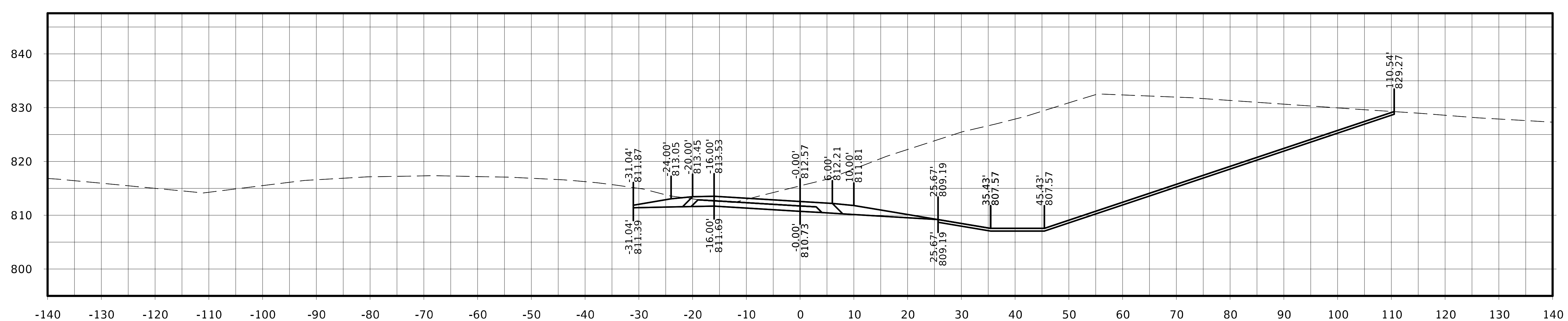
STA. 21243+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.649

Ramp B



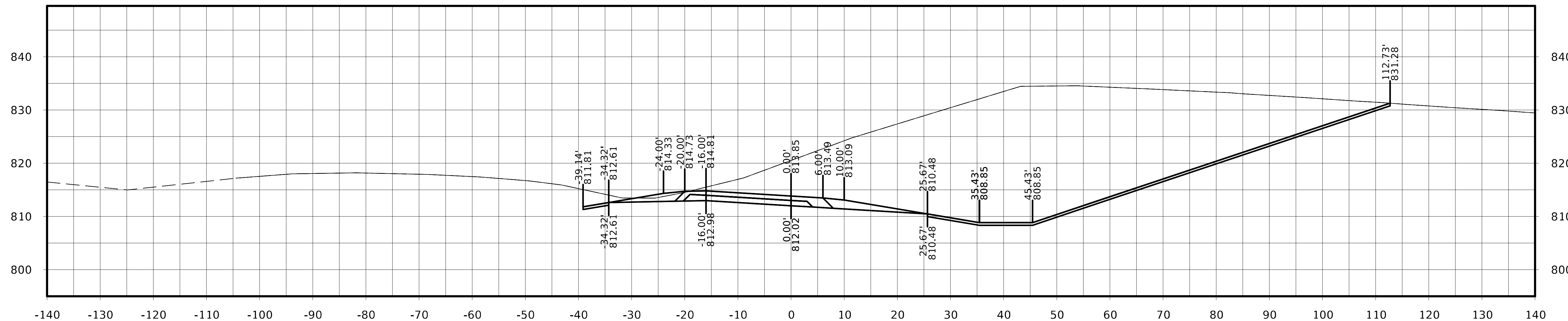
STA. 21243+75.00



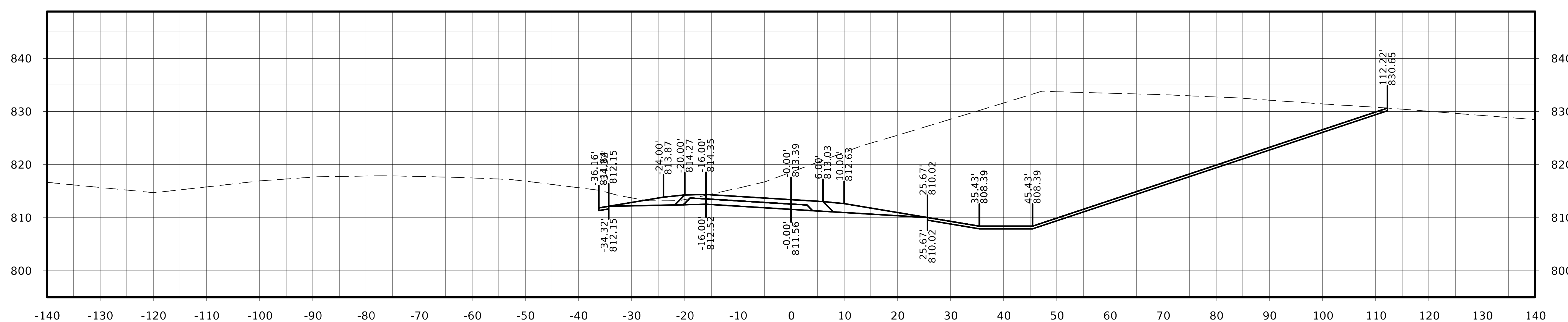
STA. 21243+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.650

Ramp B



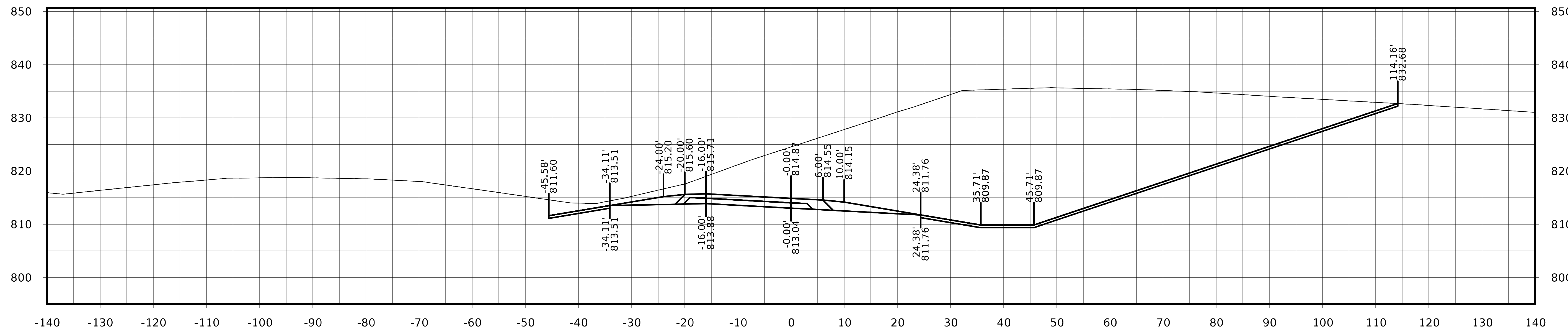
STA. 21244+25.00



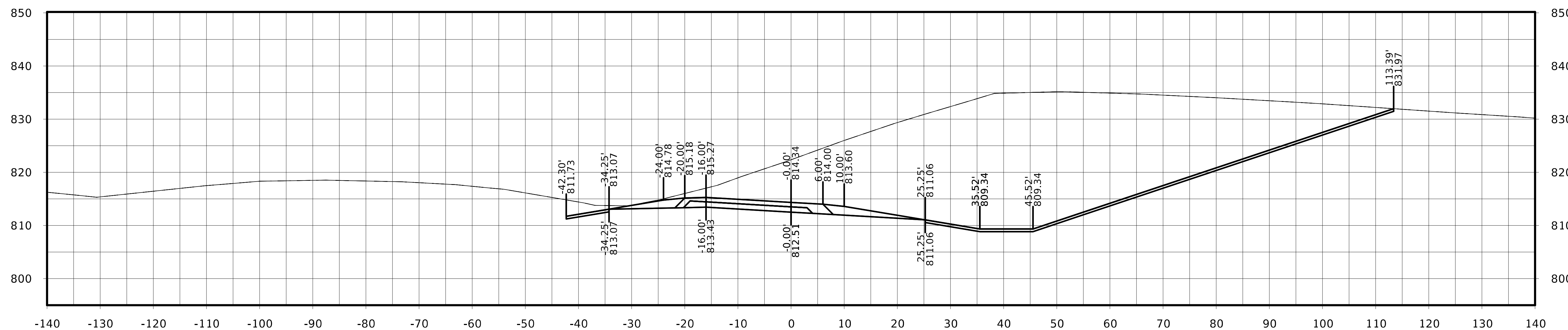
STA. 21244+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.651

Ramp B



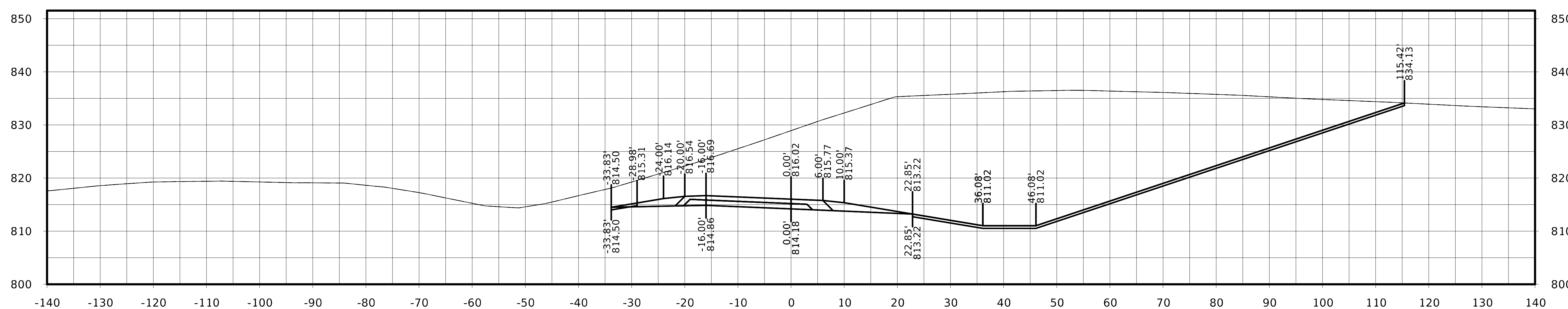
STA. 21244+75.00



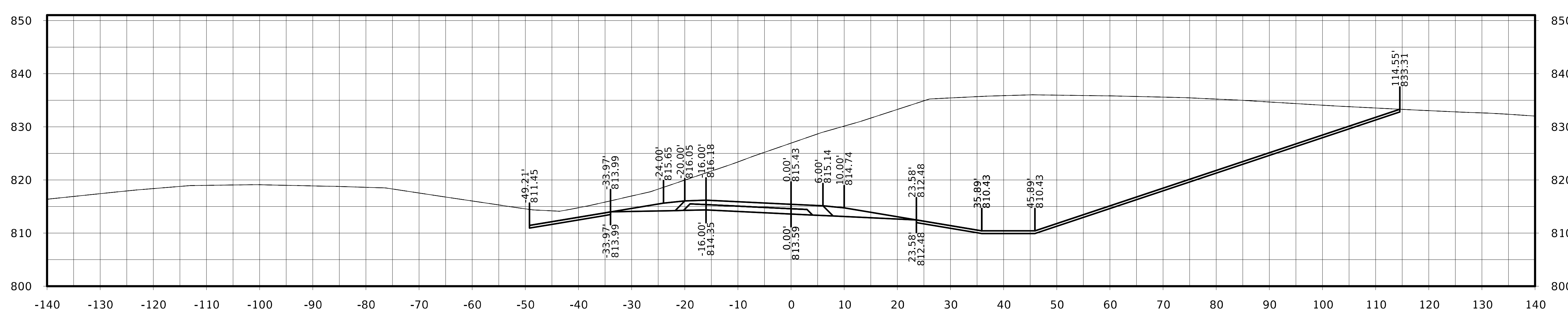
STA. 21244+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.652

Ramp B



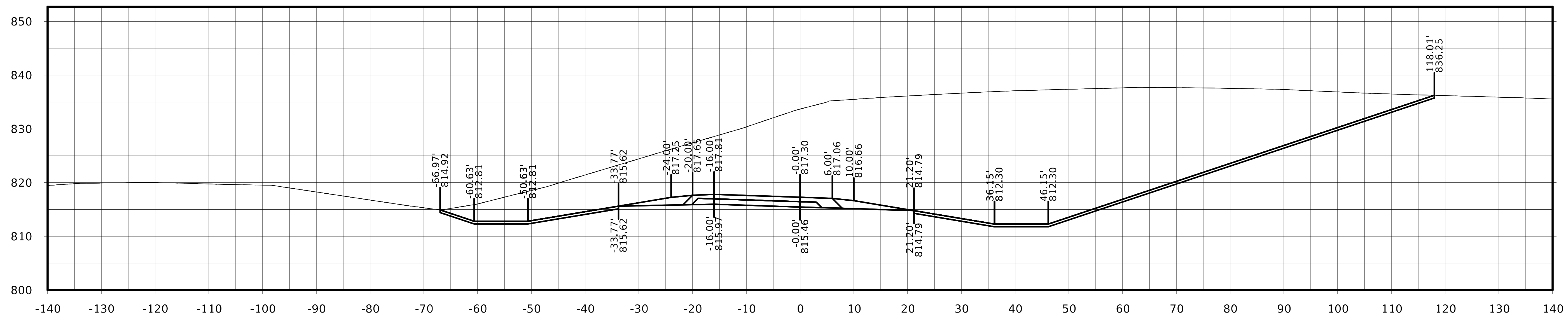
STA. 21245+25.00



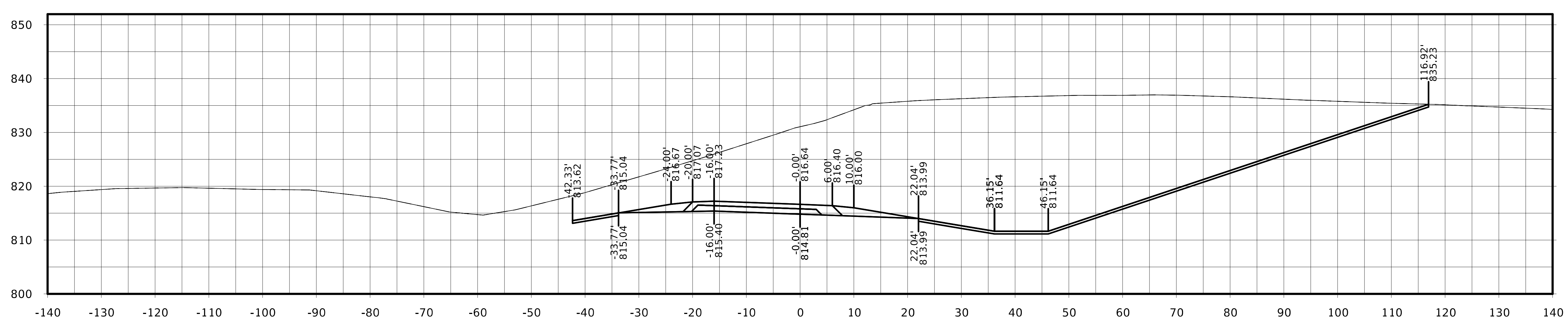
STA. 21245+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.653

Ramp B



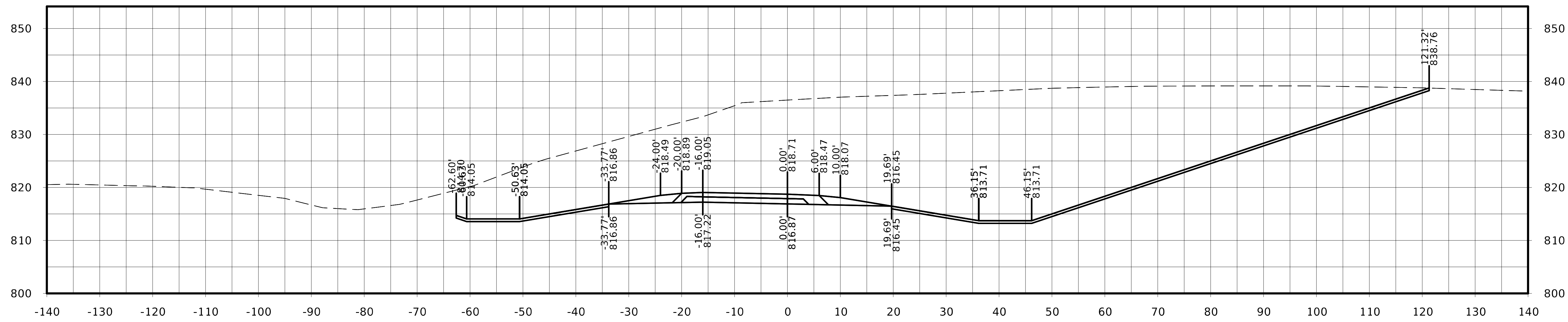
STA. 21245+75.00



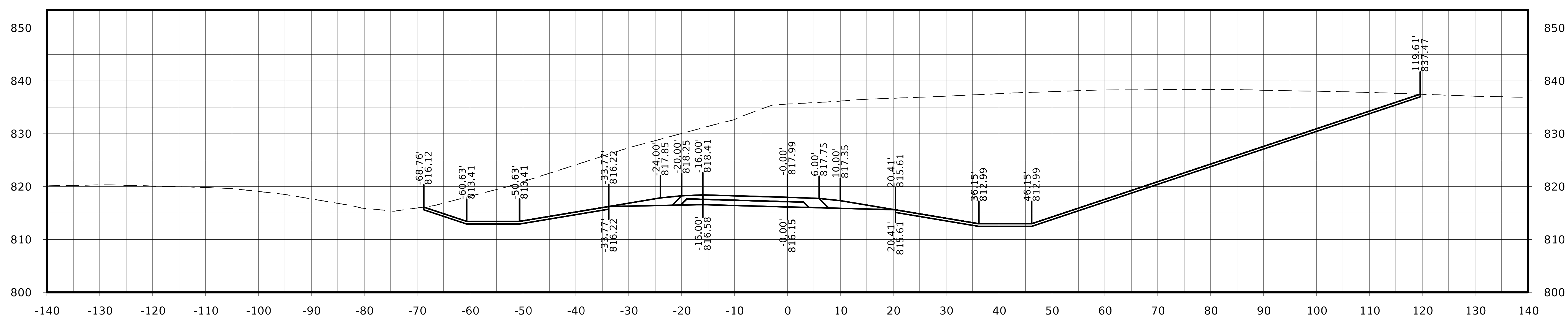
STA. 21245+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.654

Ramp B



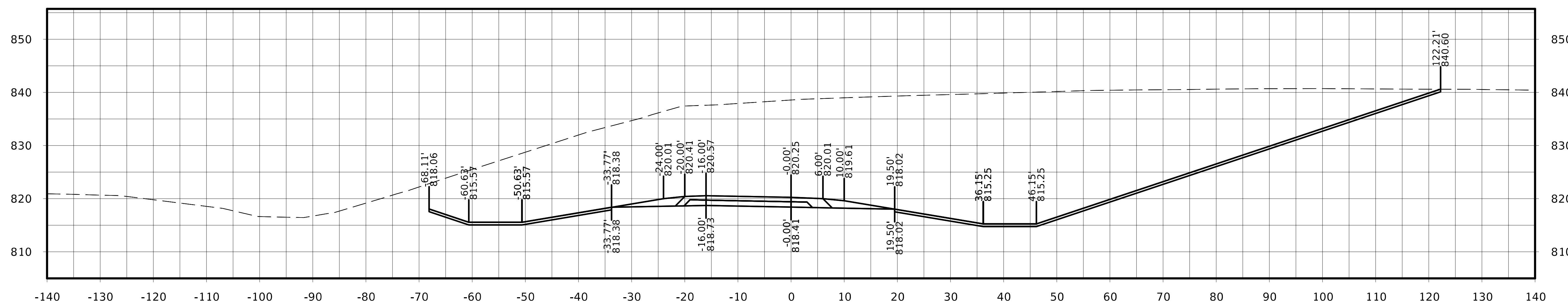
STA. 21246+25.00



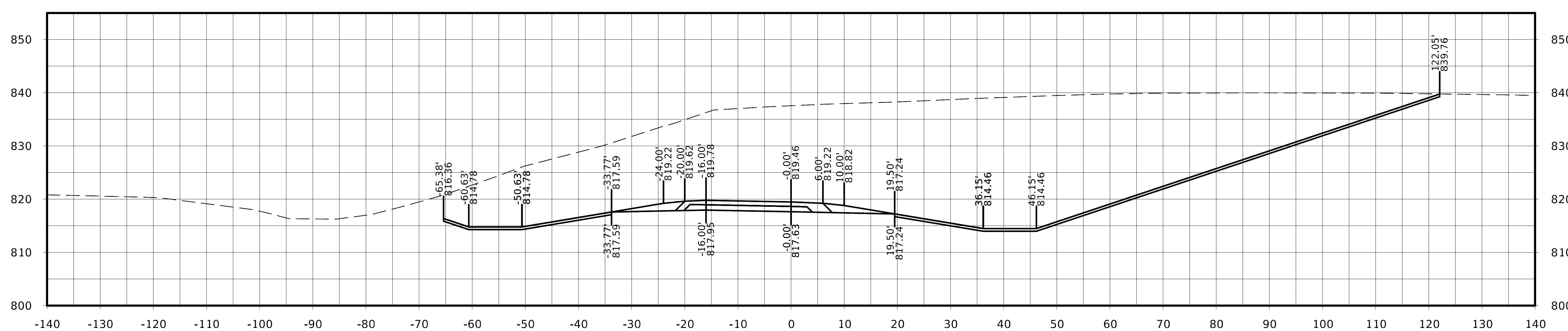
STA. 21246+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.655

Ramp B

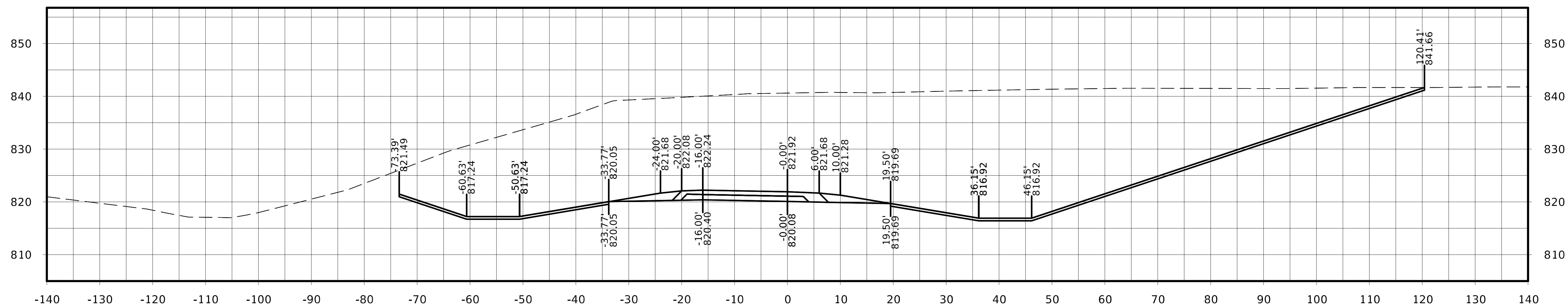


STA. 21246+75.00

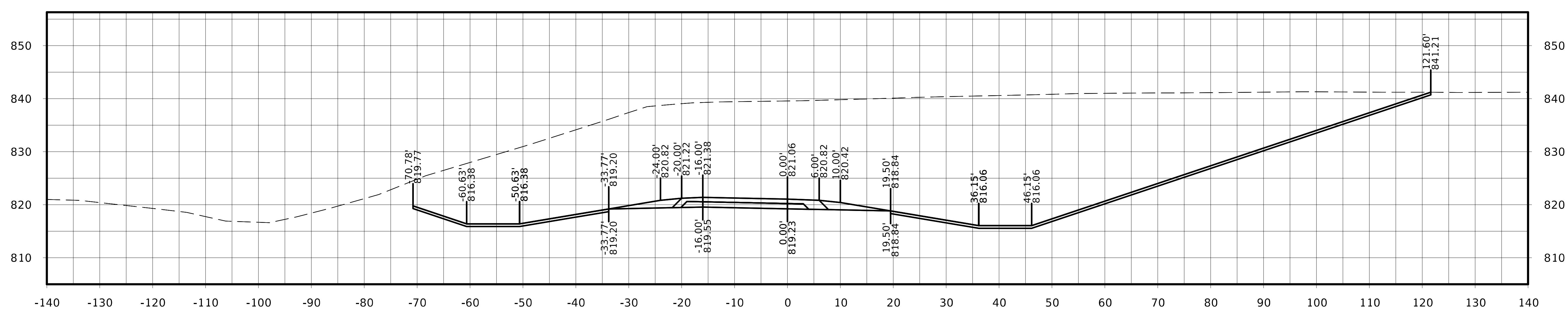


STA. 21246+50.00

Ramp B



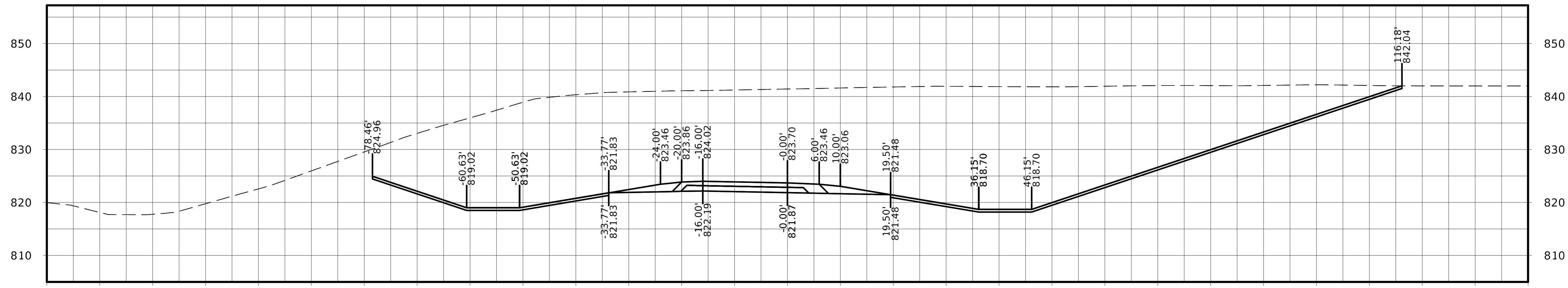
STA. 21247+25.00



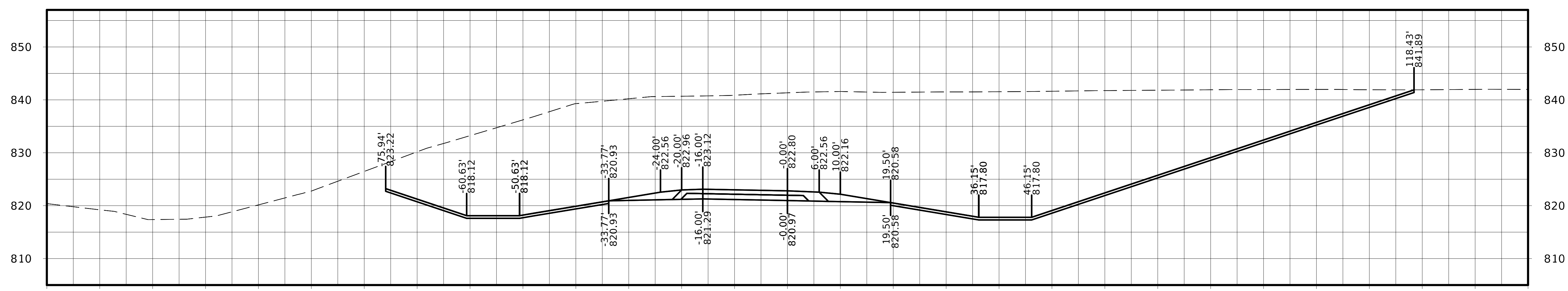
STA. 21247+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.657

Ramp B



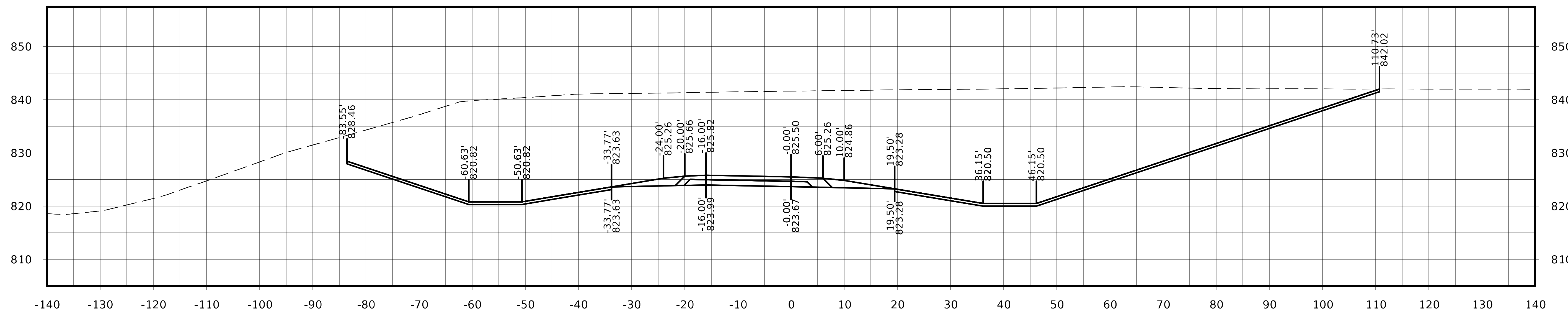
STA. 21247+75.00



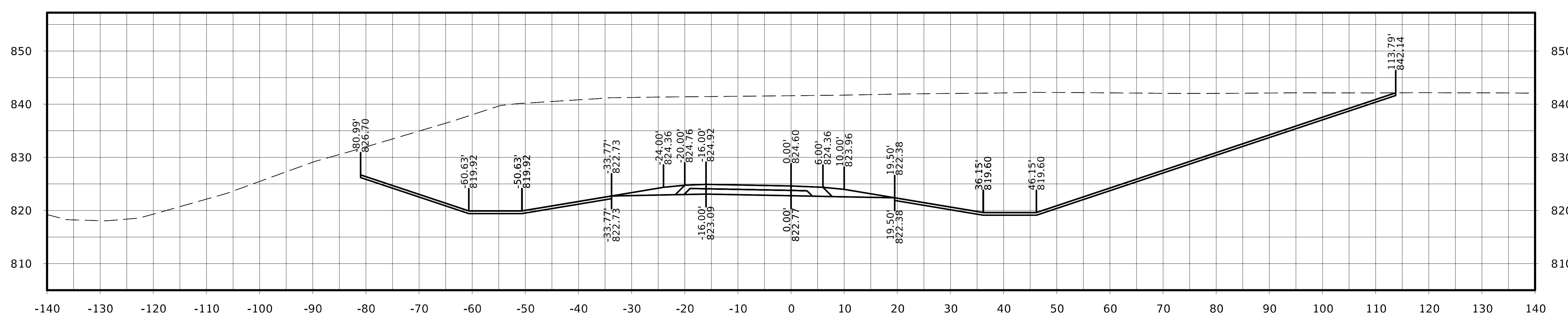
STA. 21247+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.658

Ramp B



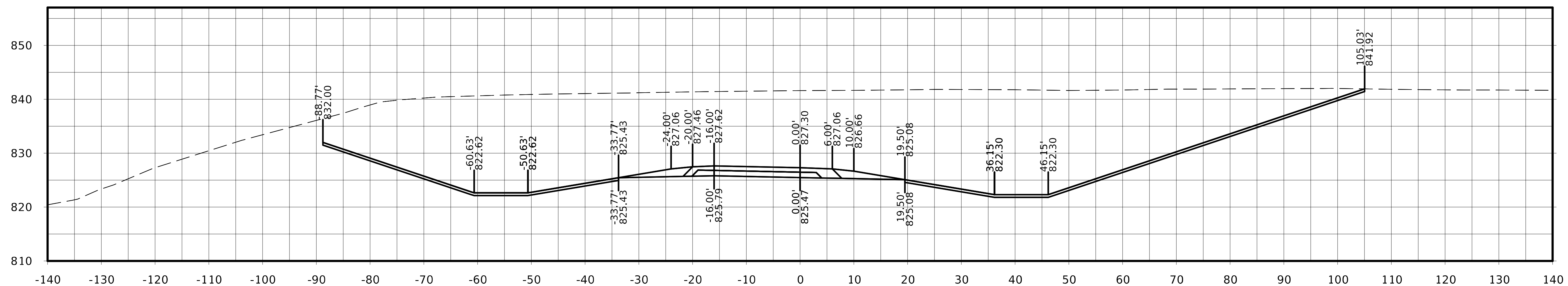
STA. 21248+25.00



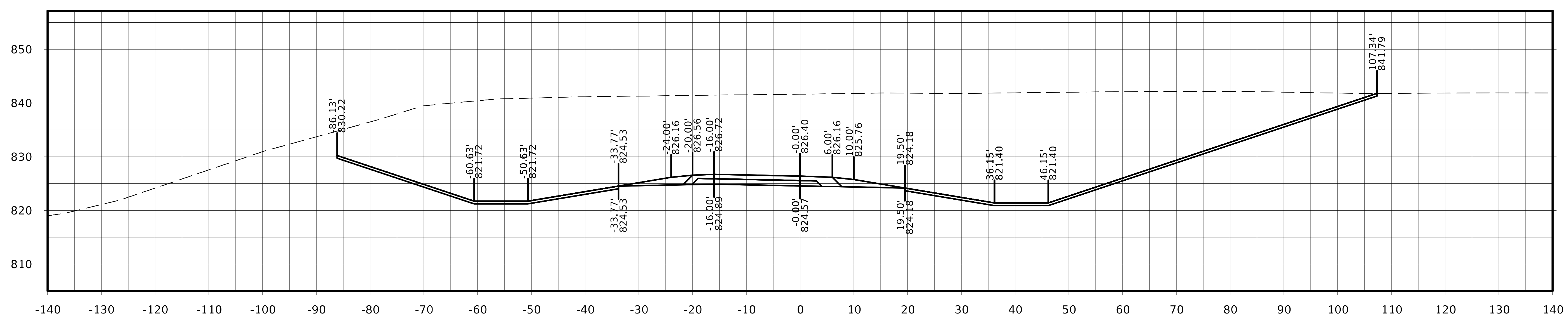
STA. 21248+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.659

Ramp B



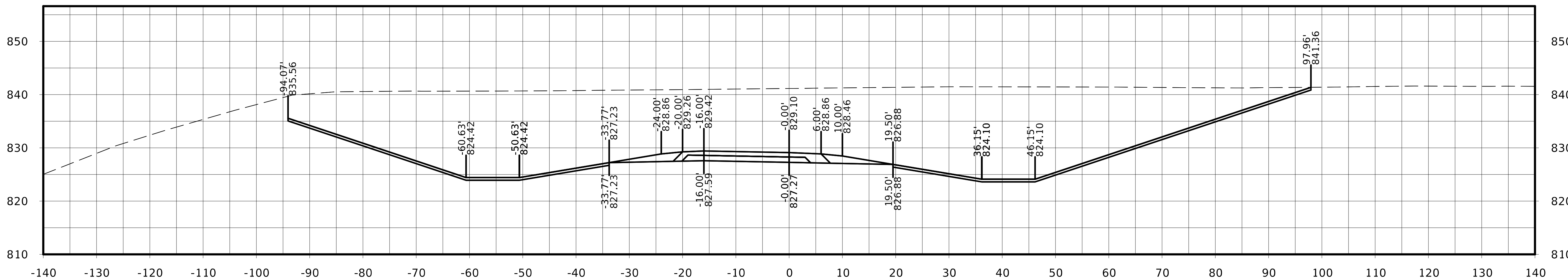
STA. 21248+75.00



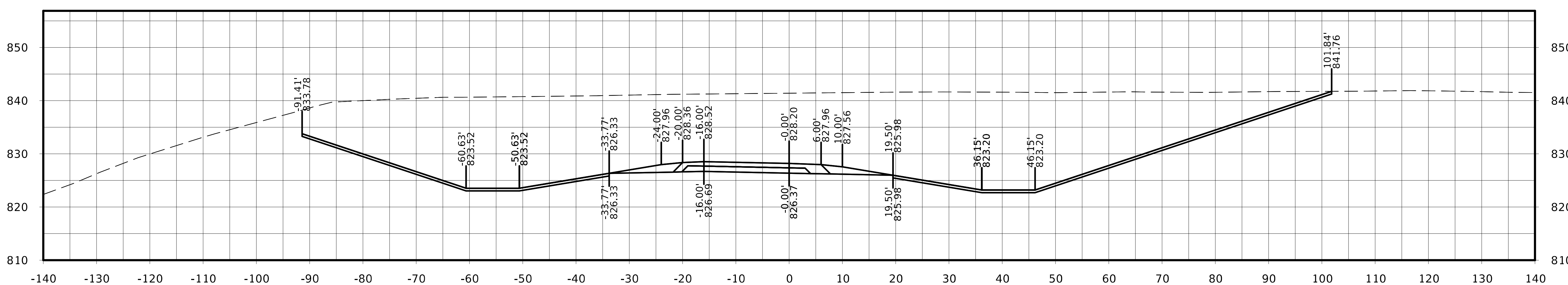
STA. 21248+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.660

Ramp B



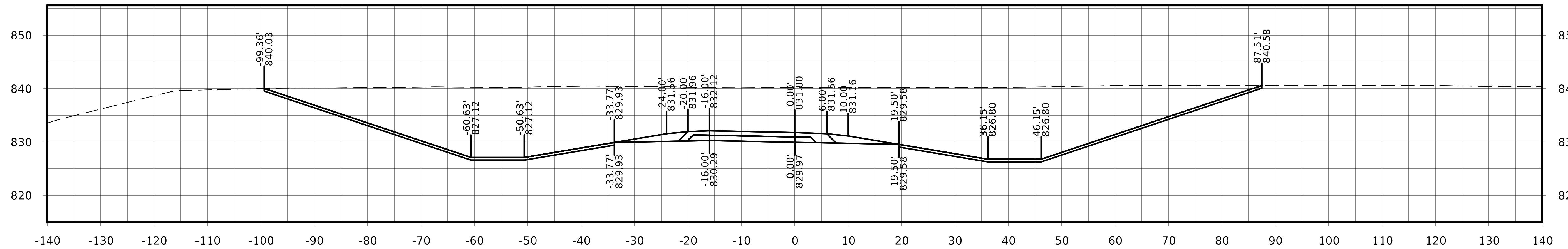
STA. 21249+25.00



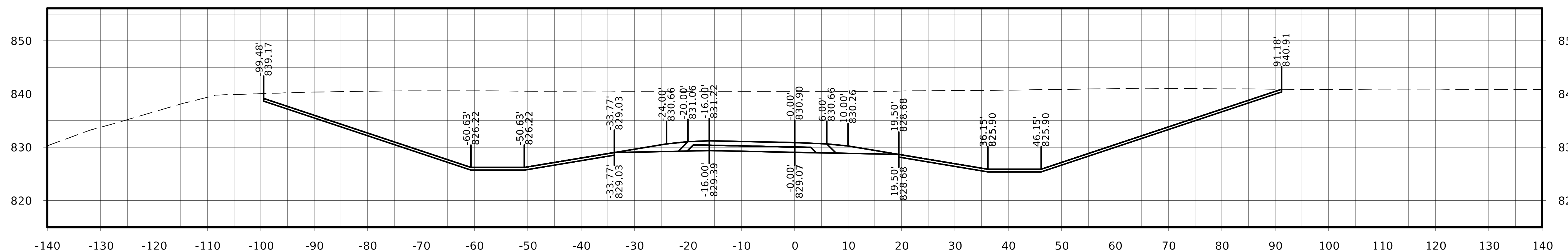
STA. 21249+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.661

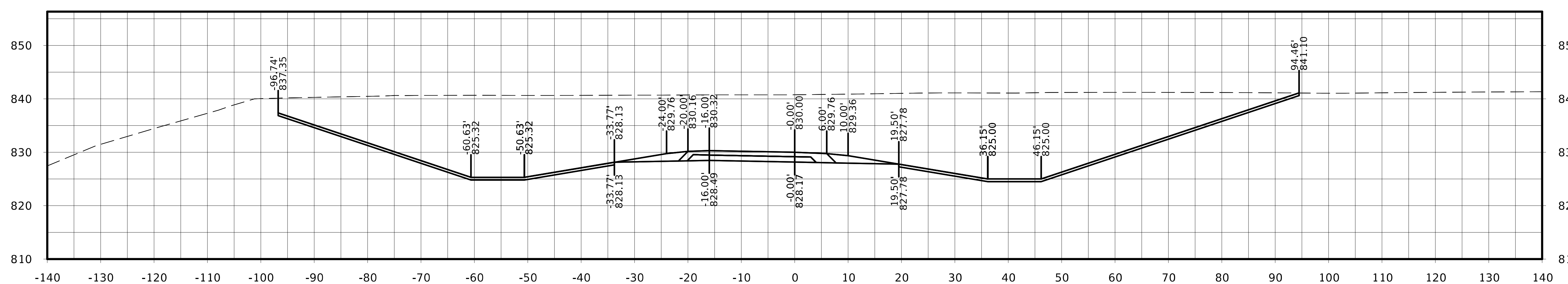
Ramp B



STA. 21250+00.00

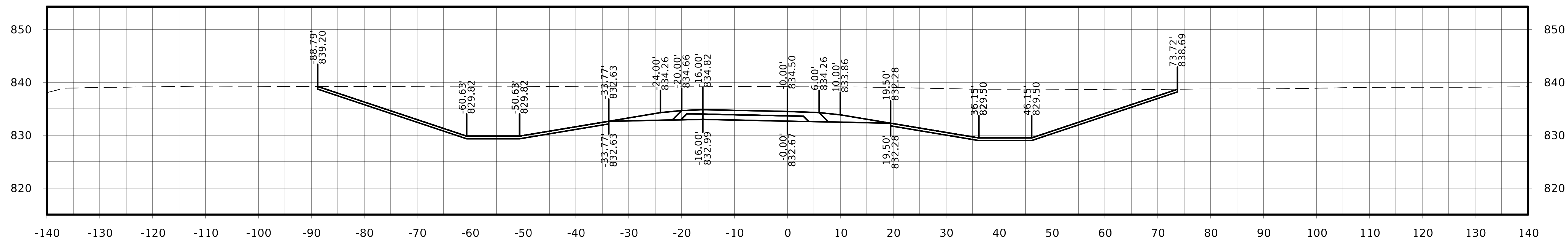


STA. 21249+75.00

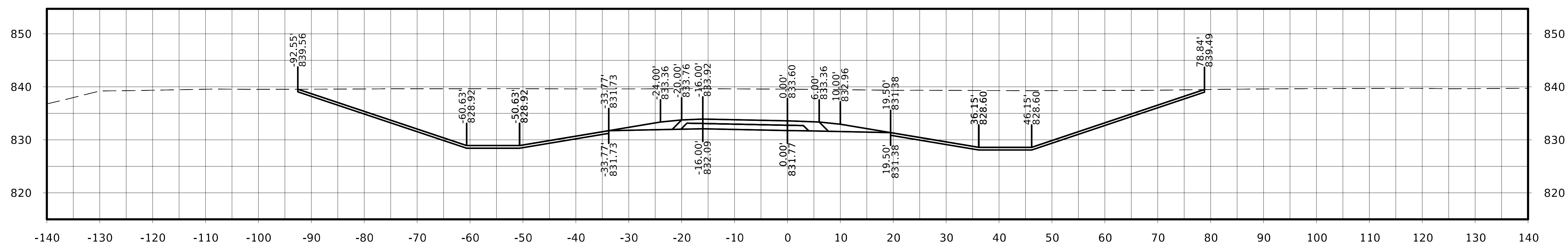


STA. 21249+50.00

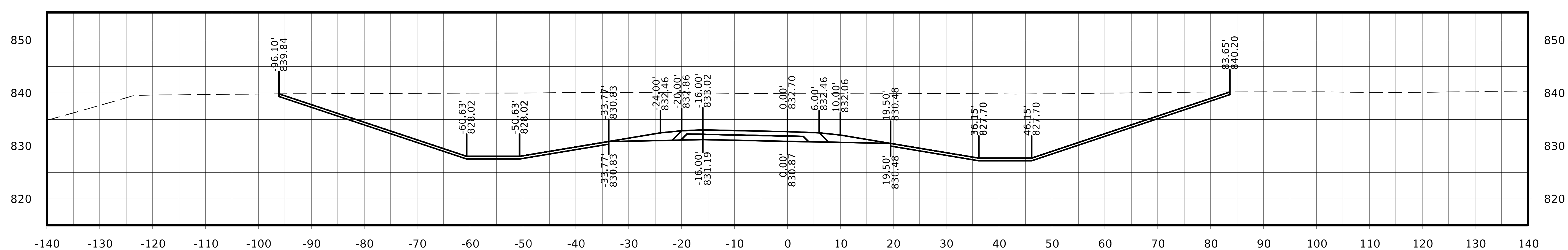
Ramp B



STA. 21250+75.00



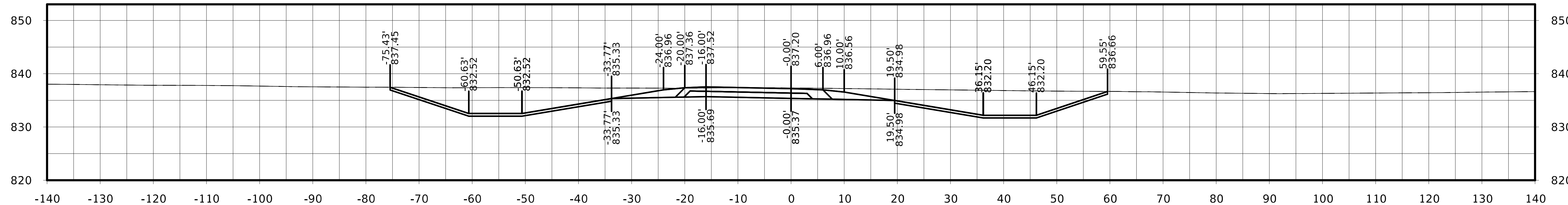
STA. 21250+50.00



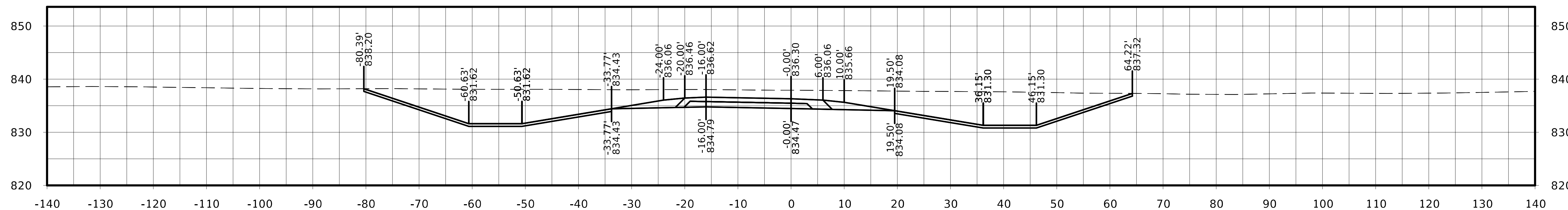
STA. 21250+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.663

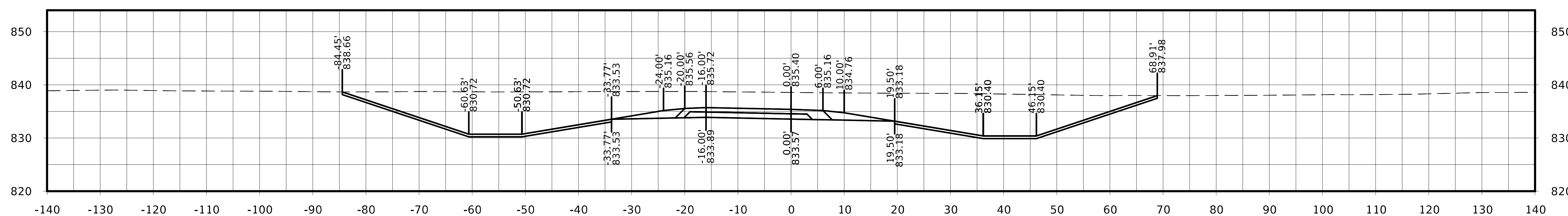
Ramp B



STA. 21251+50.00



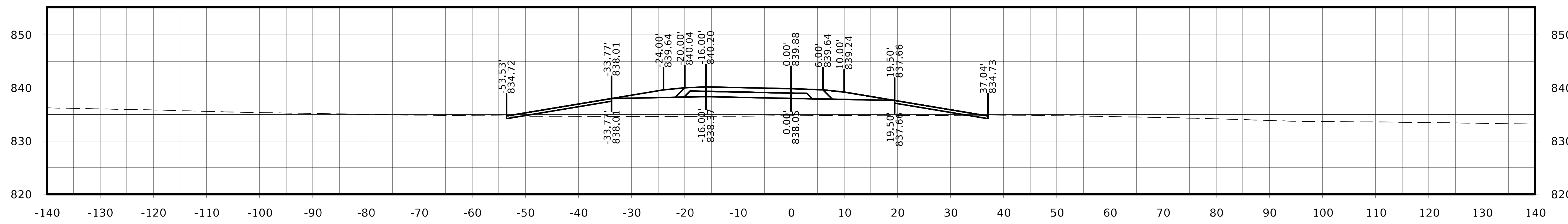
STA. 21251+25.00



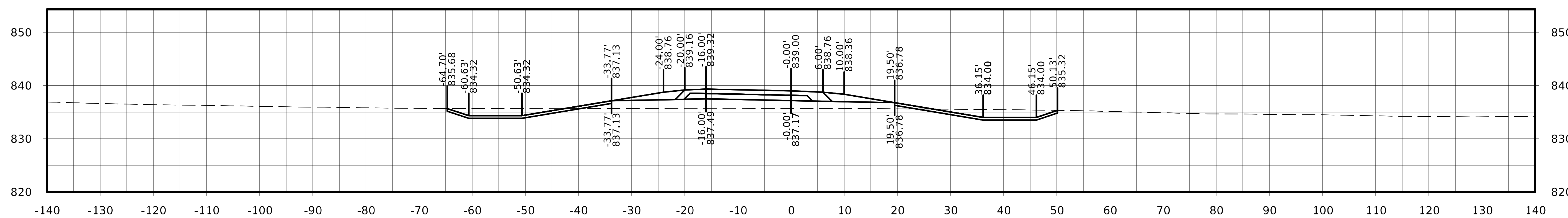
STA. 21251+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.664

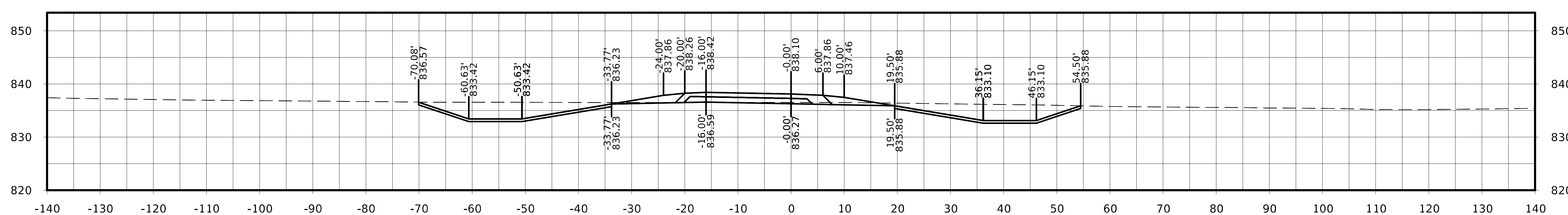
Ramp B



STA. 21252+25.00

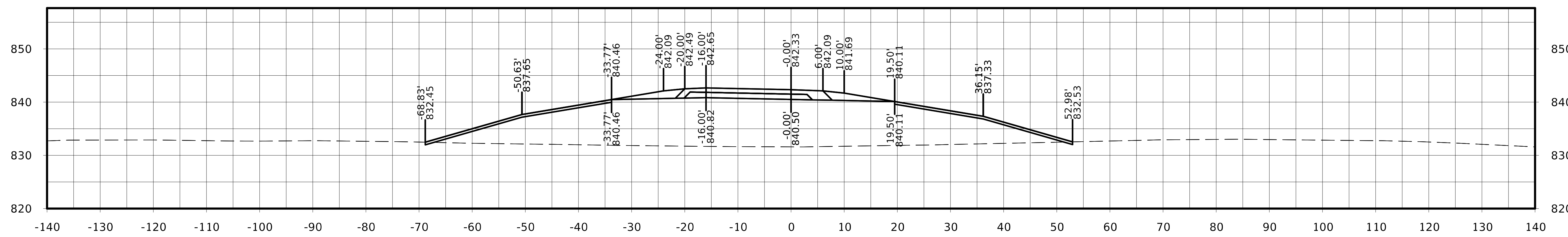


STA. 21252+00.00

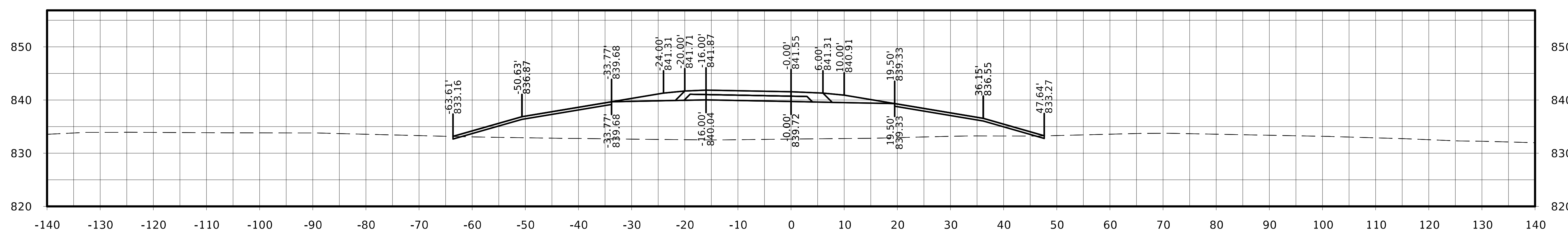


STA. 21251+75.00

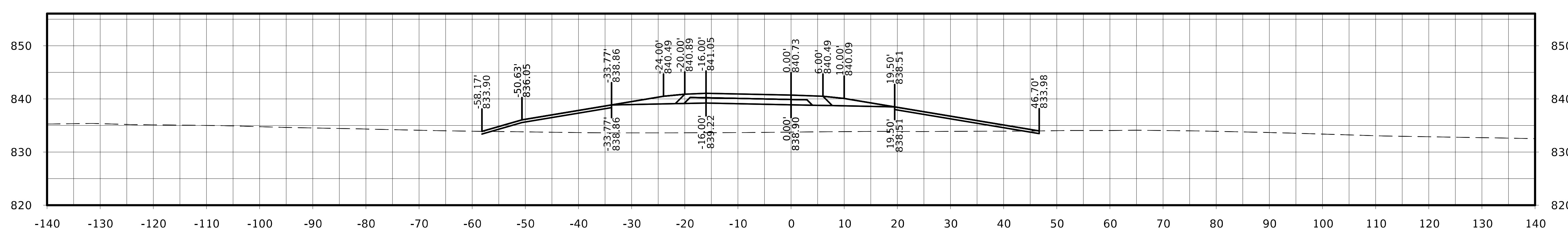
Ramp B



STA. 21253+00.00



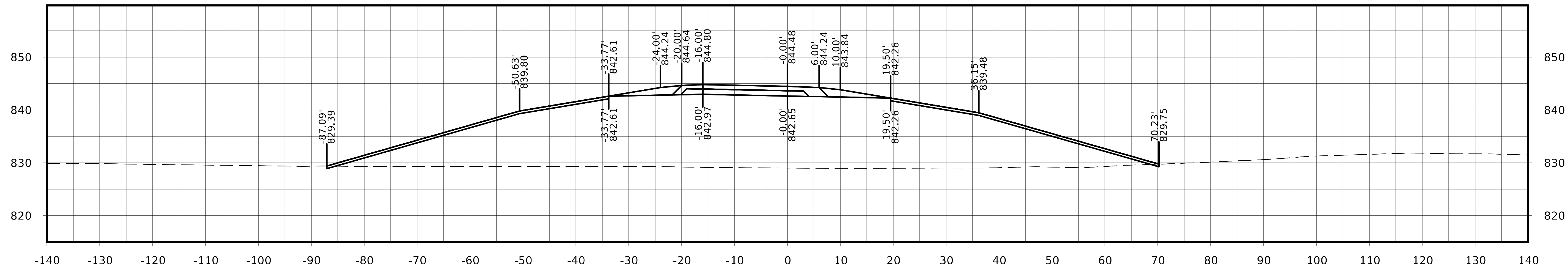
STA. 21252+75.00



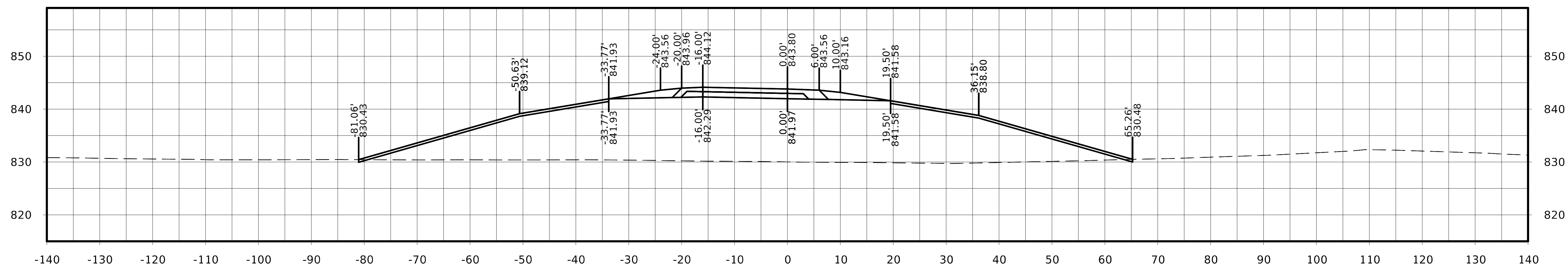
STA. 21252+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.666

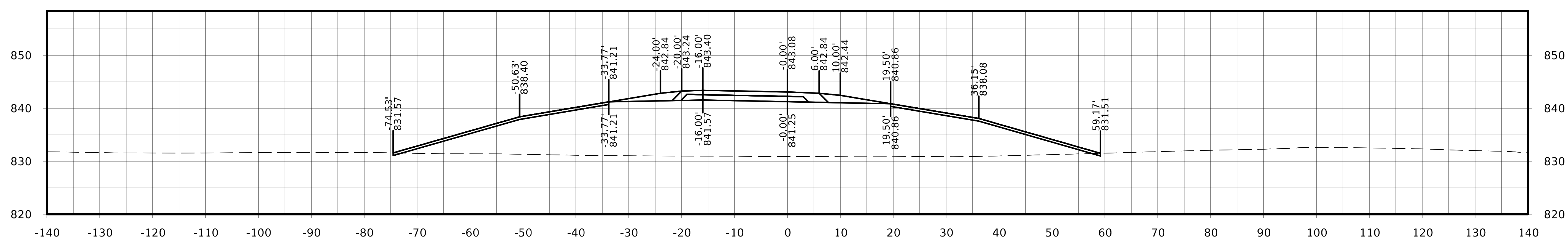
Ramp B



STA. 21253+75.00



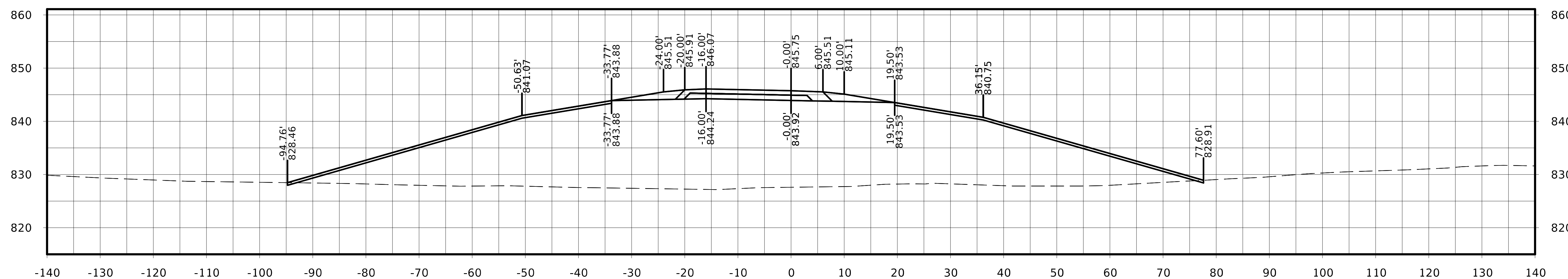
STA. 21253+50.00



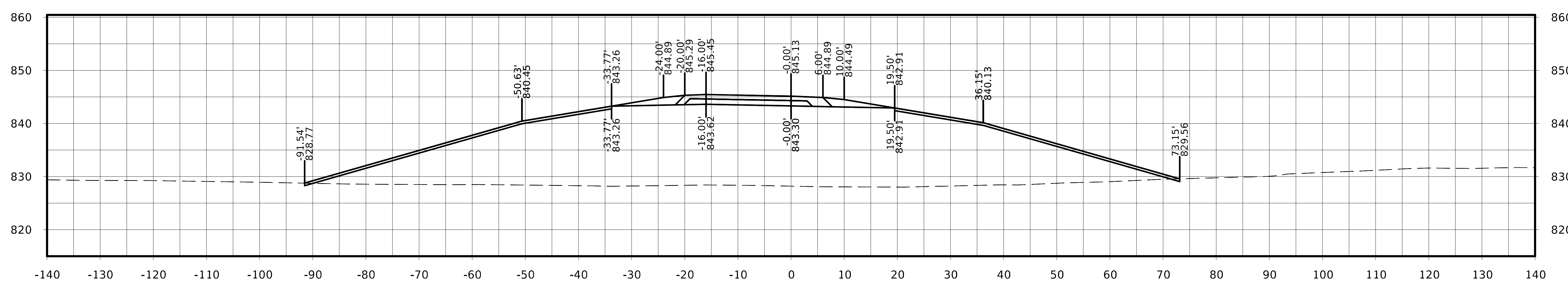
STA. 21253+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.667

Ramp B



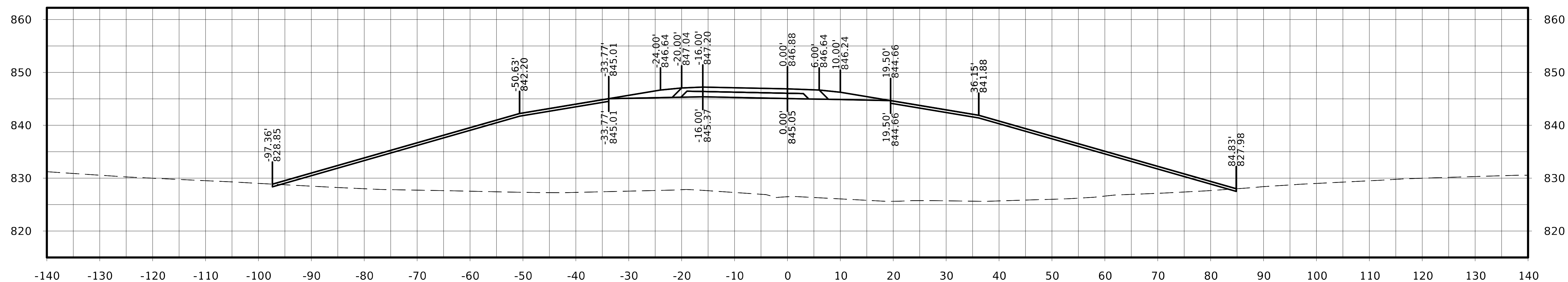
STA. 21254+25.00



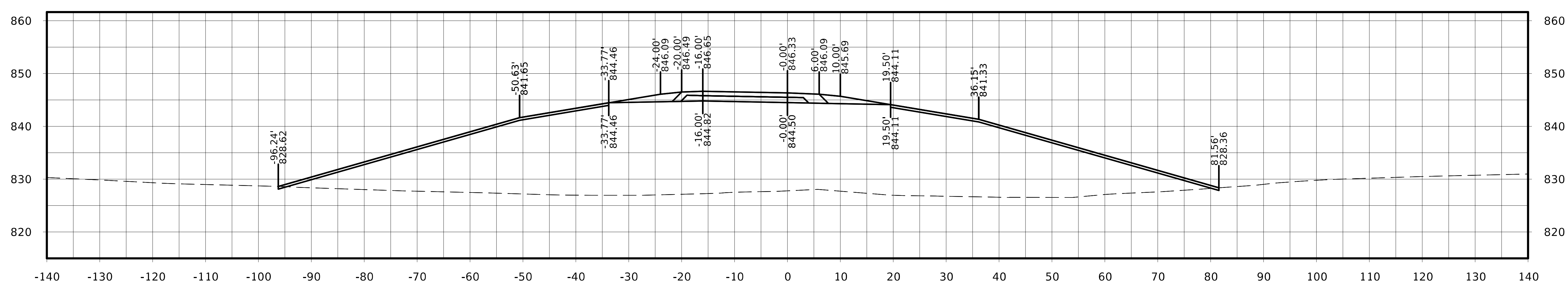
STA. 21254+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.668

Ramp B

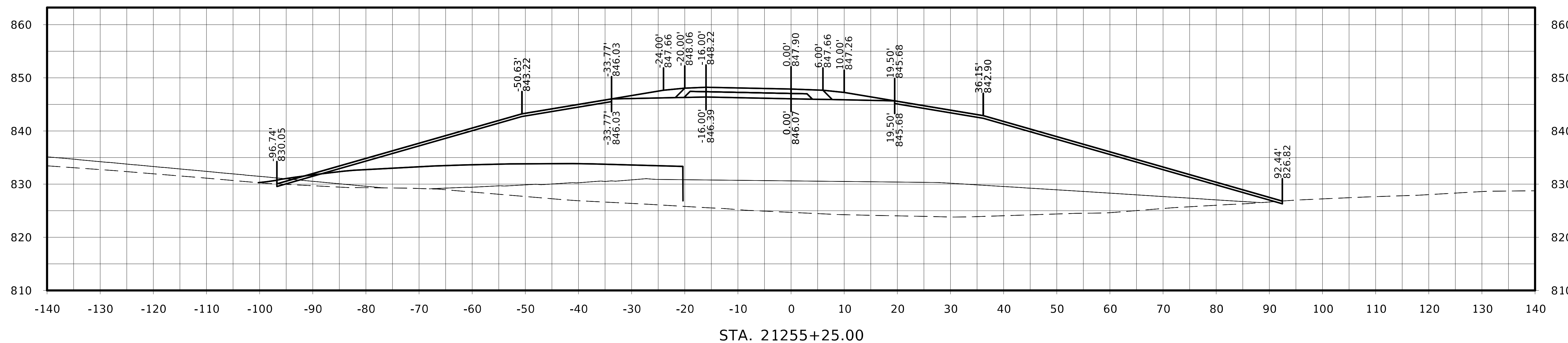


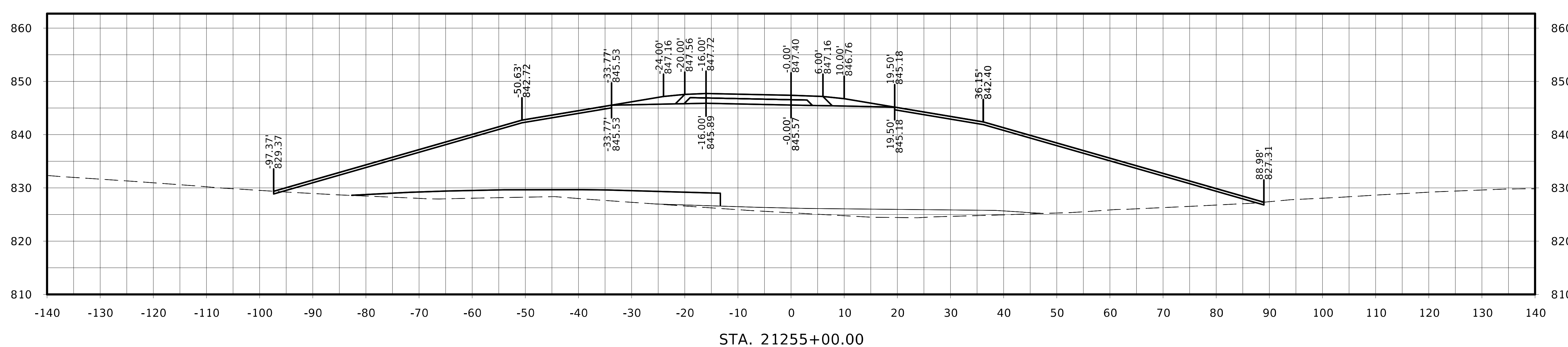
STA. 21254+75.00



STA. 21254+50.00

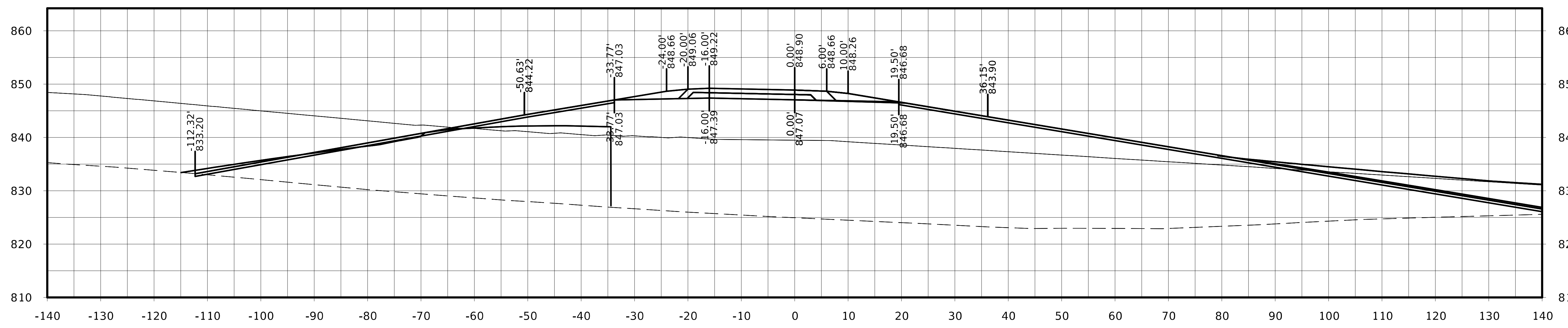
Ramp B



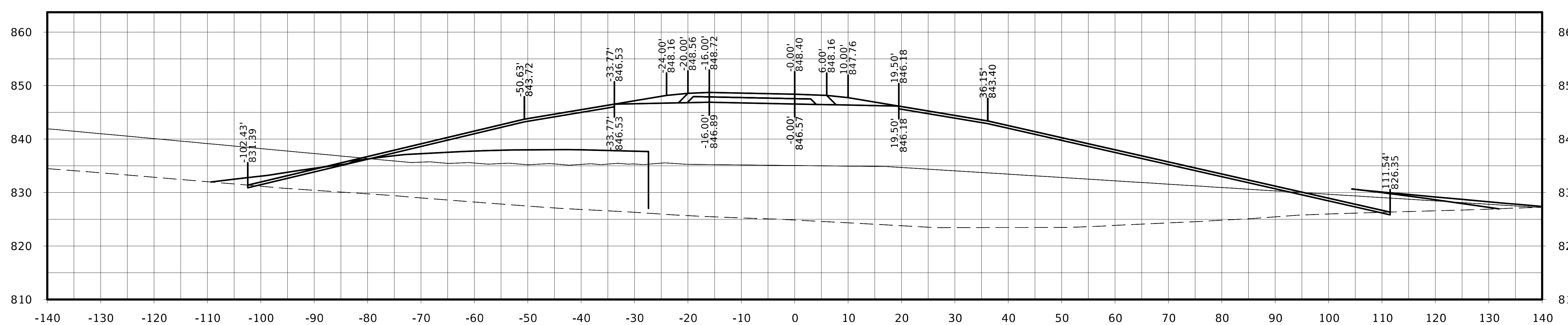


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.670

Ramp B



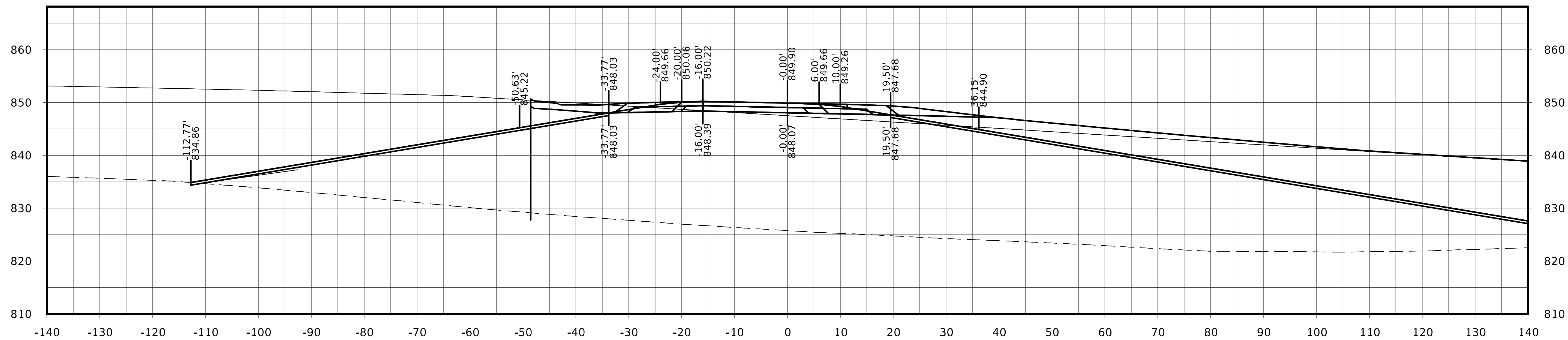
STA. 21255+75.00



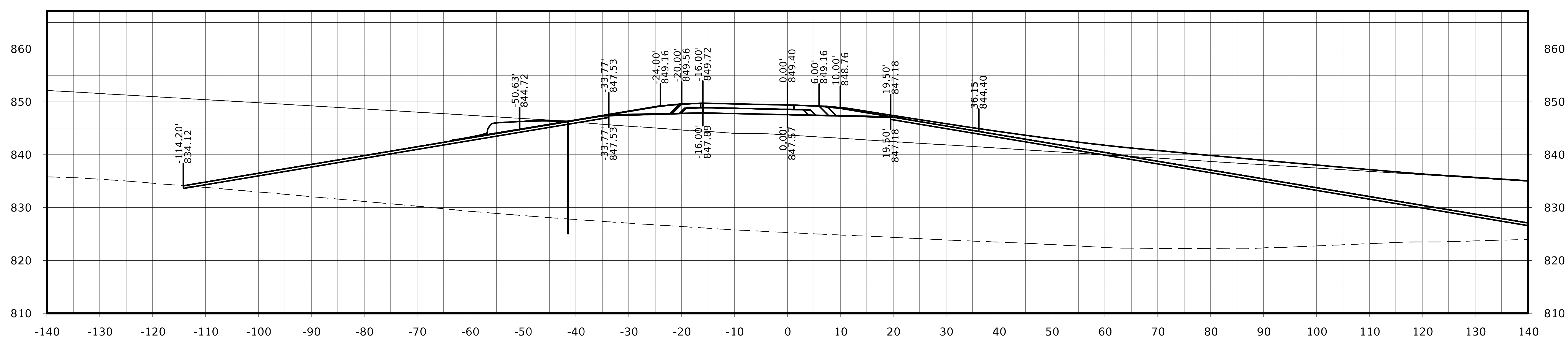
STA. 21255+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.671

Ramp B



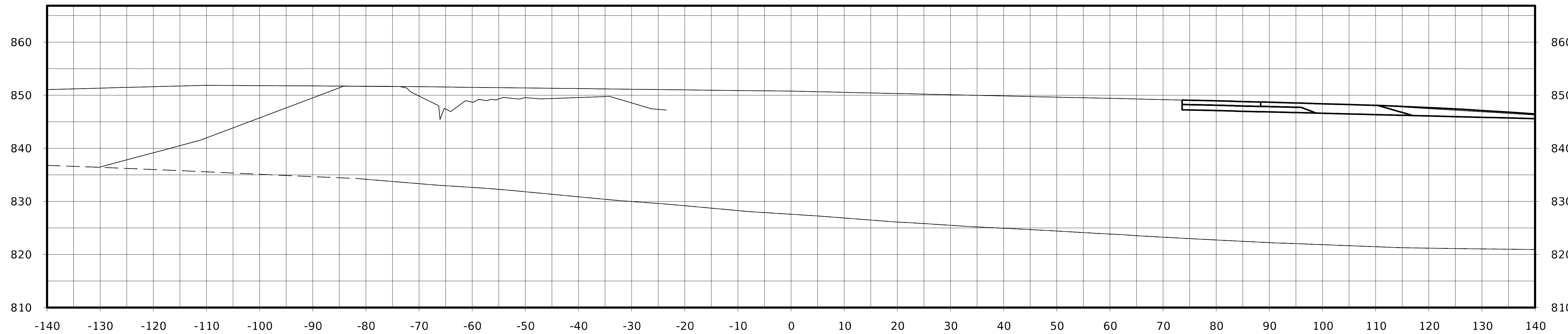
STA. 21256+25.00



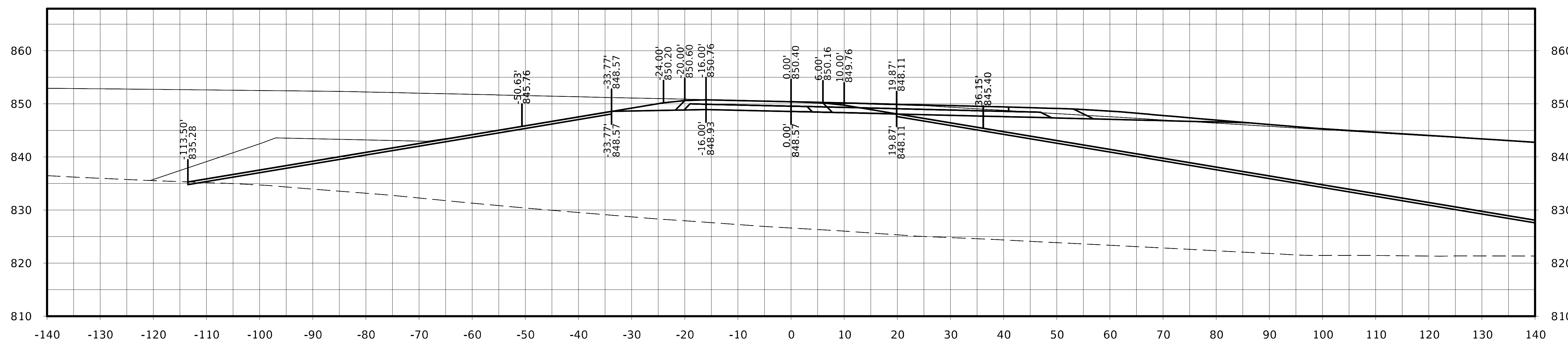
STA. 21256+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.672

Ramp B



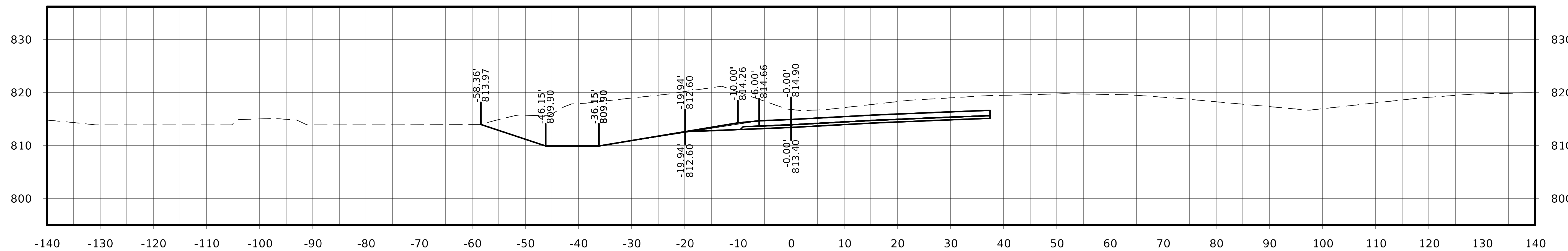
STA. 21256+73.97



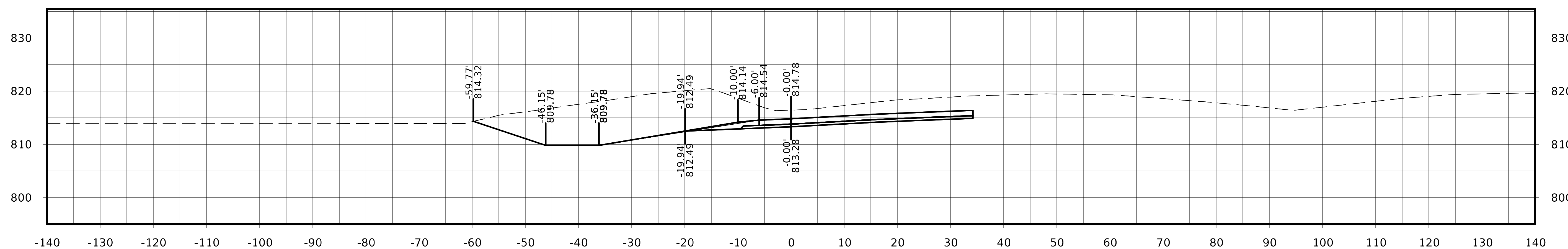
STA. 21256+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.673

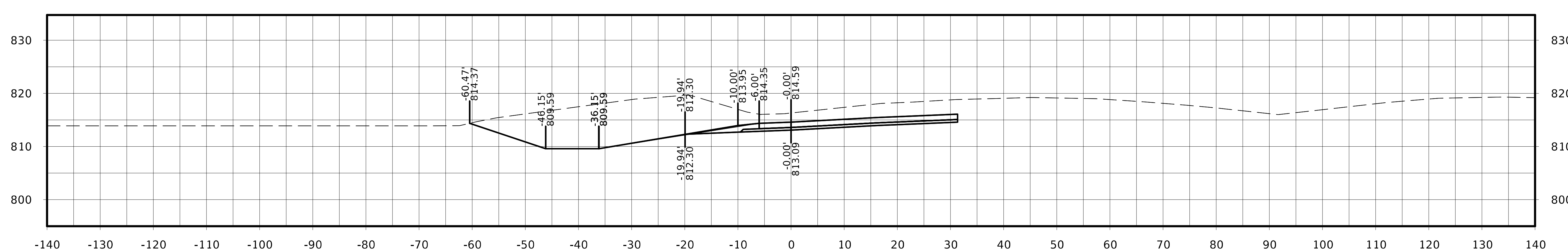
Ramp C



STA. 31245+75.00



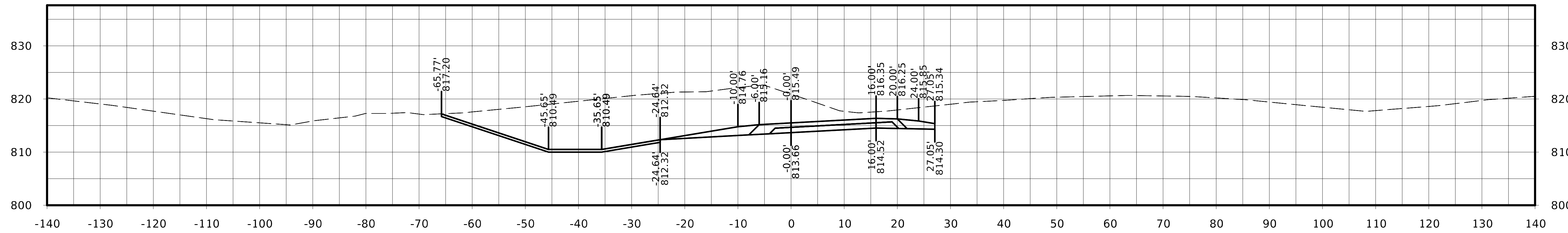
STA. 31245+50.00

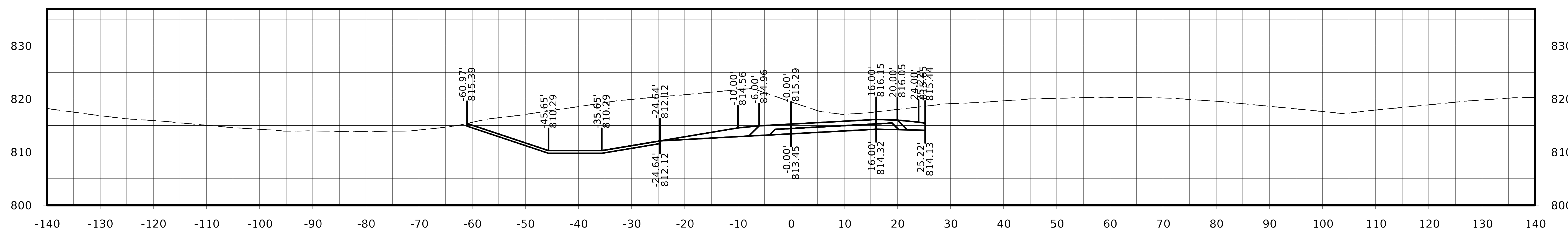


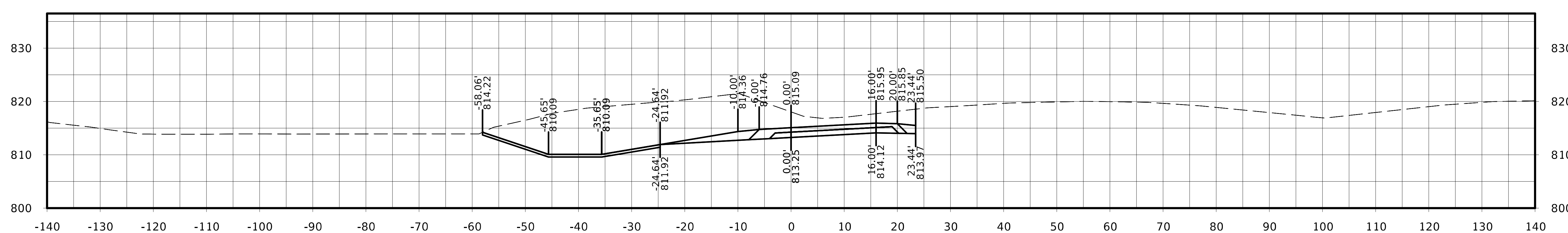
STA. 31245+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.674

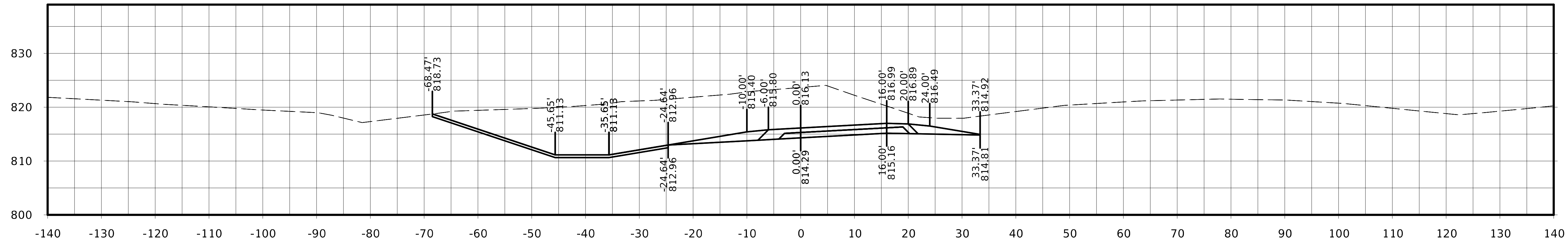
Ramp C



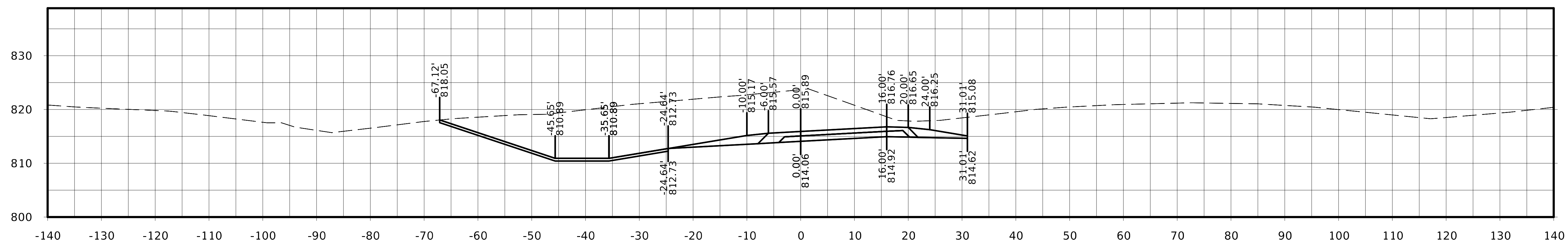




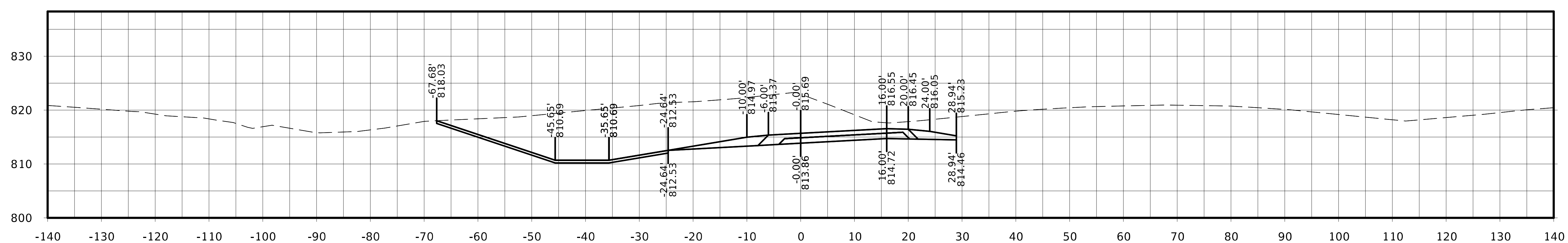
Ramp C



STA. 31247+25.00



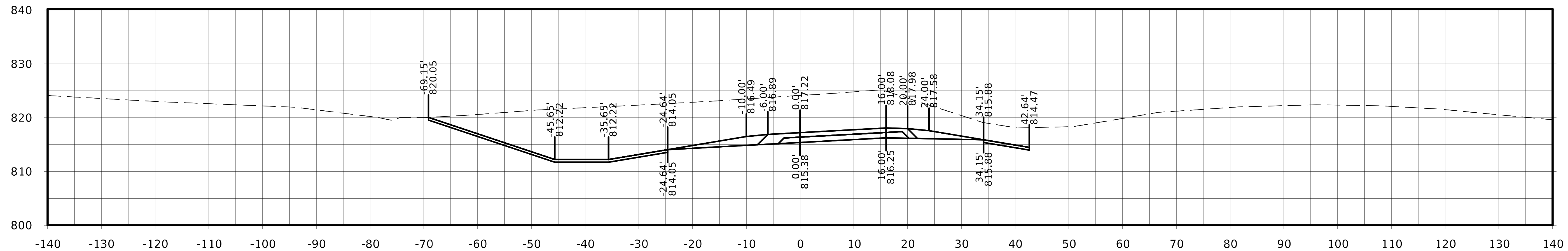
STA. 31247+00.00



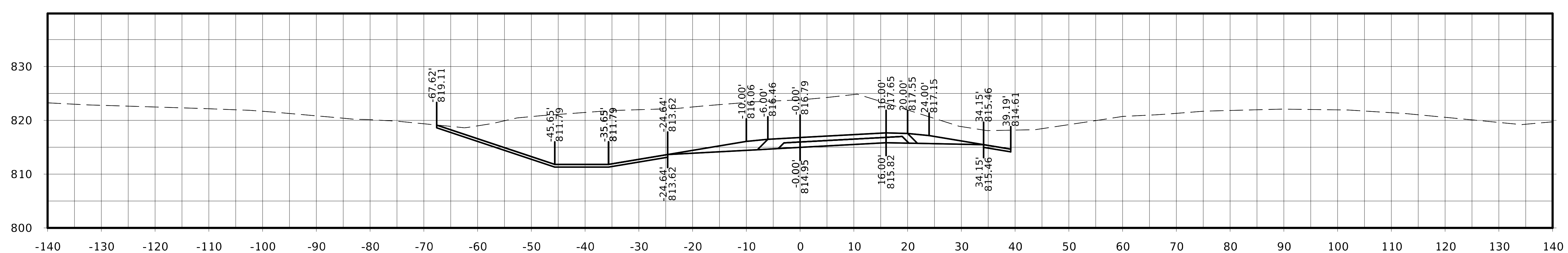
STA. 31246+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.676

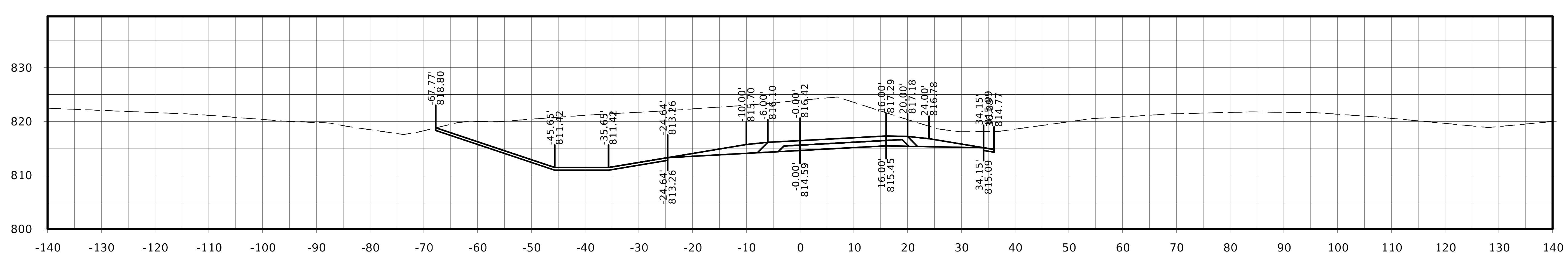
Ramp C



STA. 31248+00.00



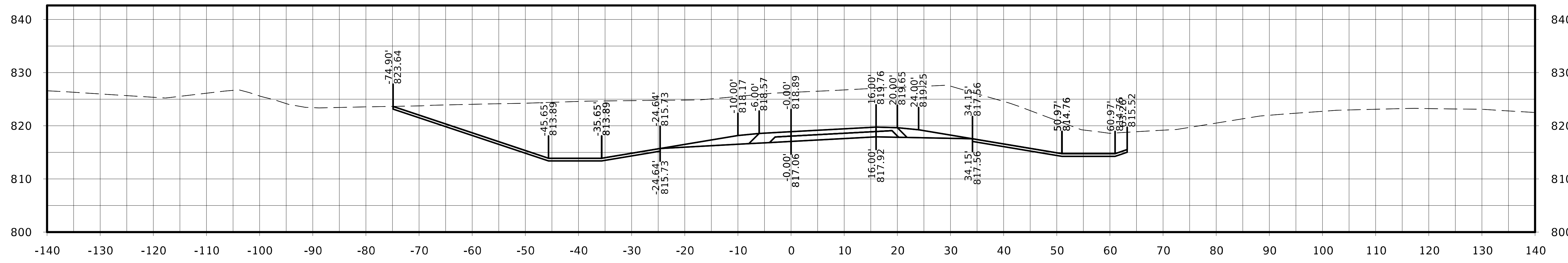
STA. 31247+75.00



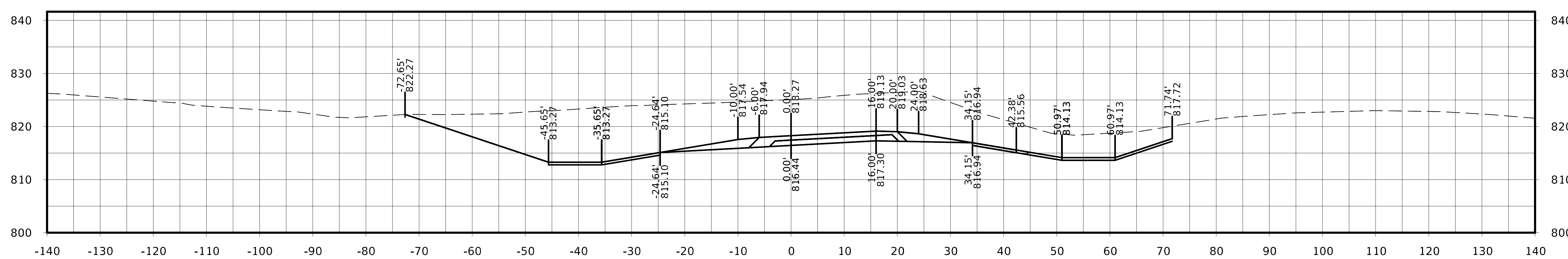
STA. 31247+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.677

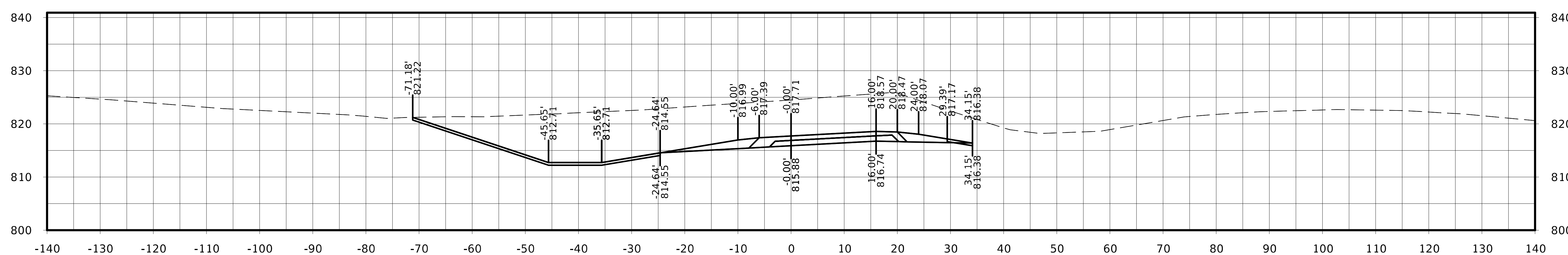
Ramp C



STA. 31248+75.00

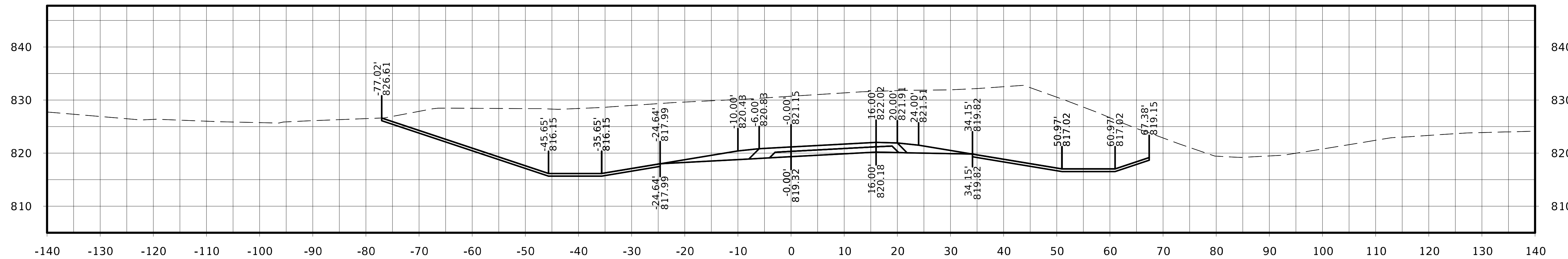


STA. 31248+50.00

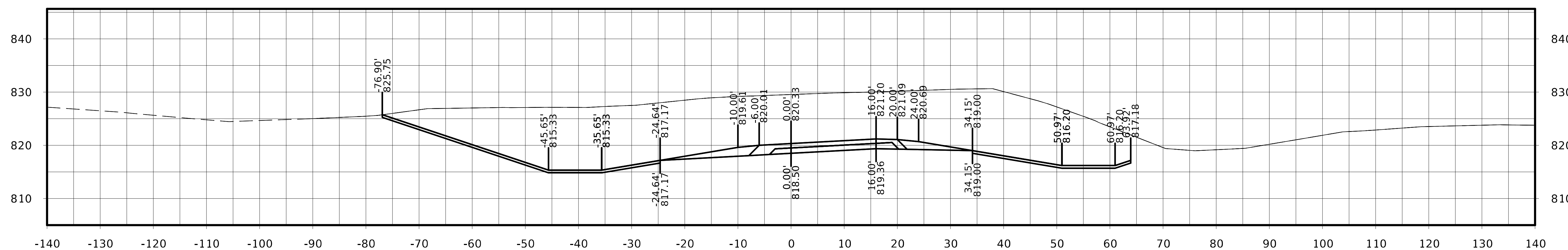


STA. 31248+25.00

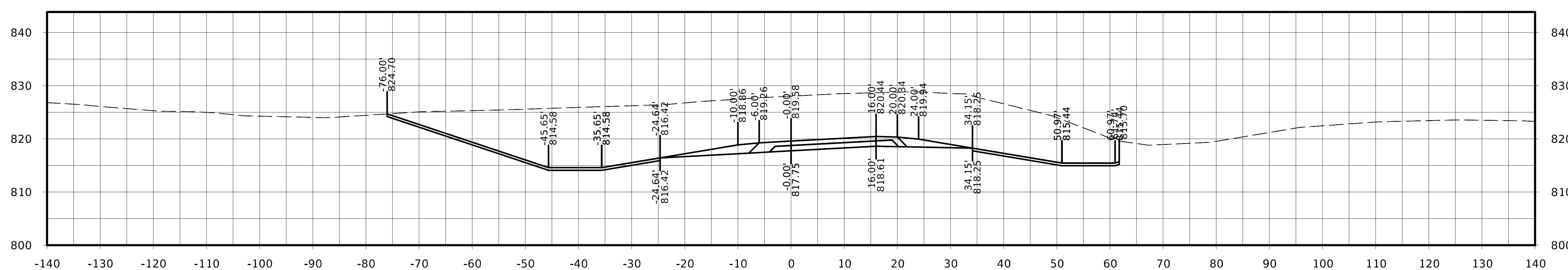
Ramp C



STA. 31249+50.00



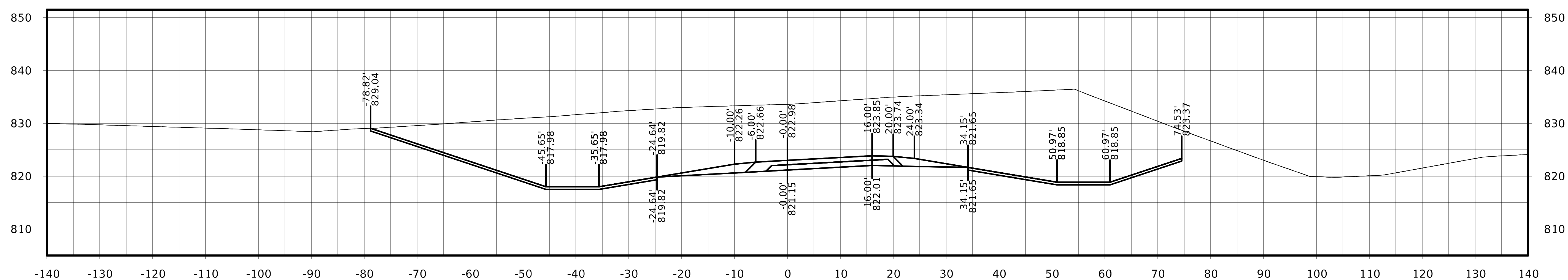
STA. 31249+25.00



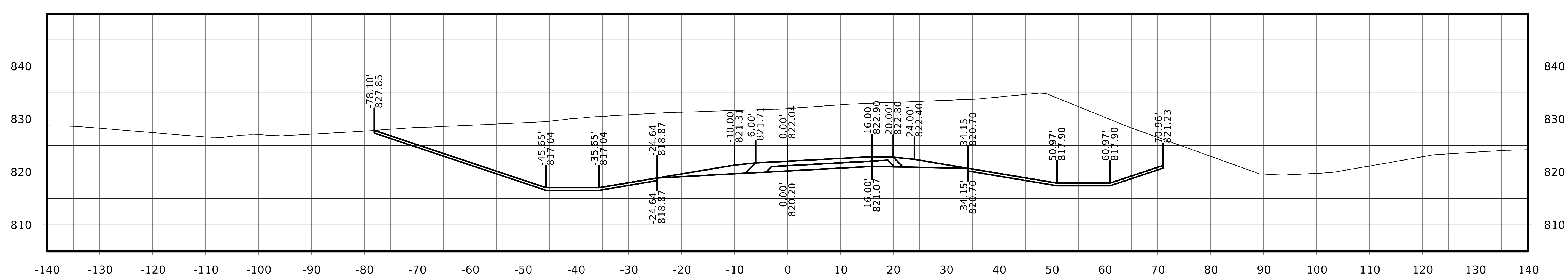
STA. 31249+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.679

Ramp C



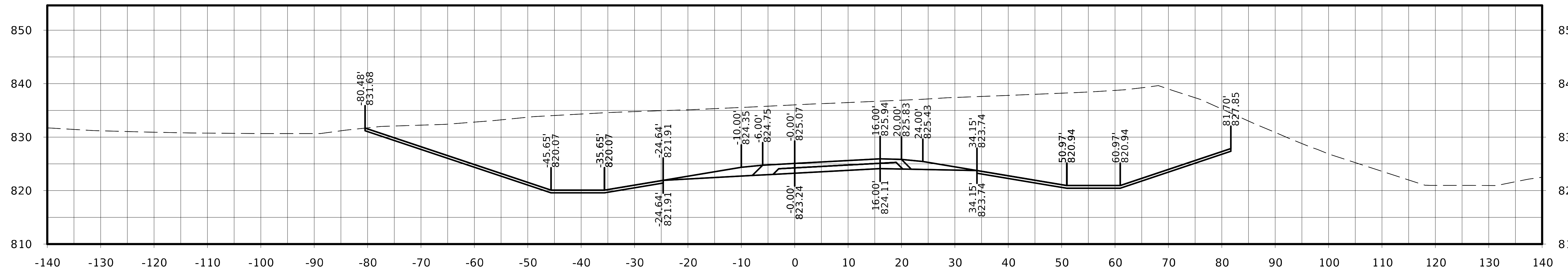
STA. 31250+00.00



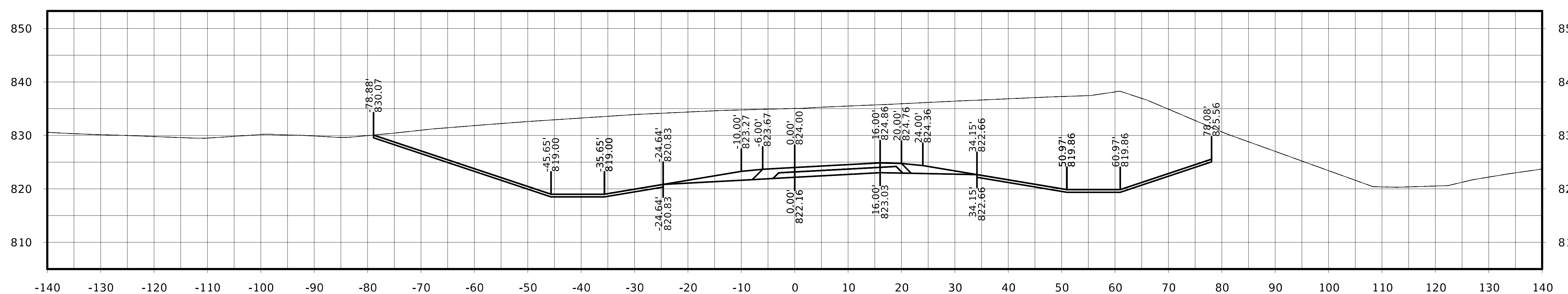
STA. 31249+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.680

Ramp C



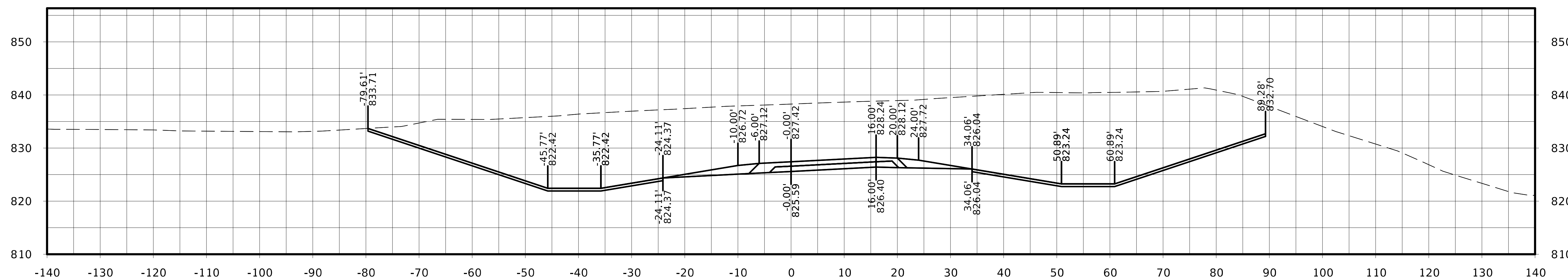
STA. 31250+50.00



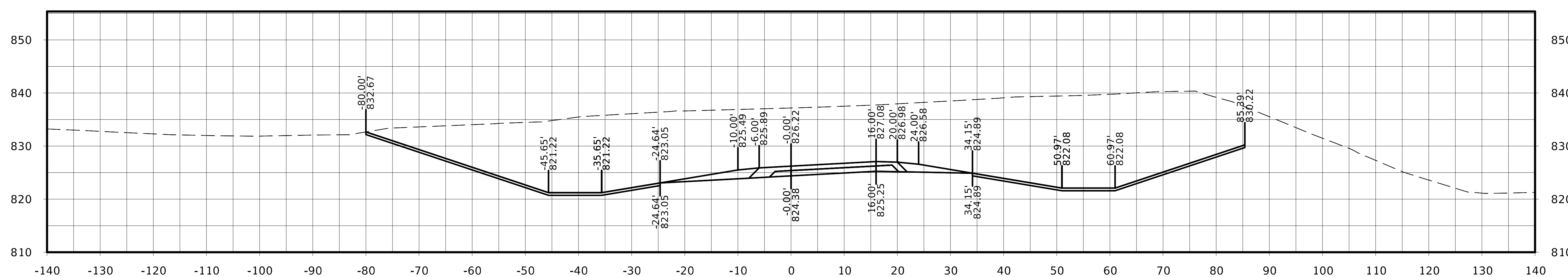
STA. 31250+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.681

Ramp C



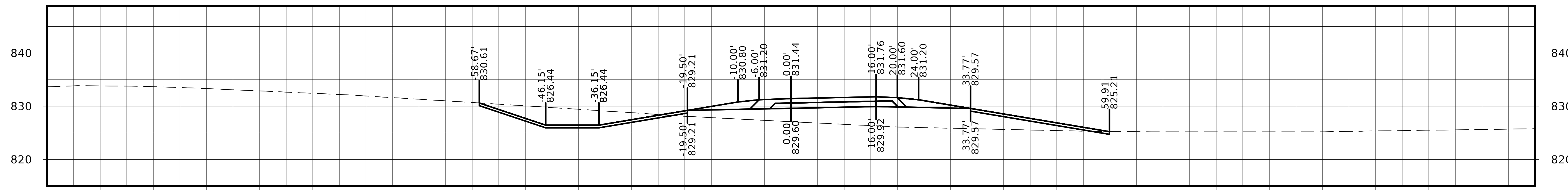
STA. 31251+00.00



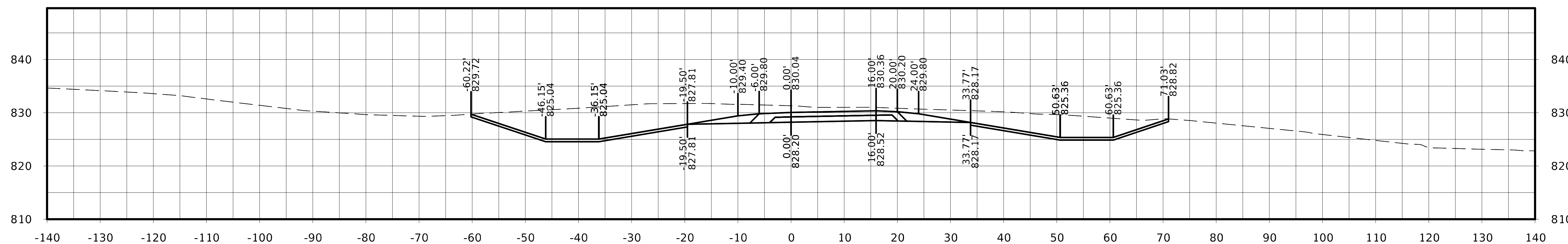
STA. 31250+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.682

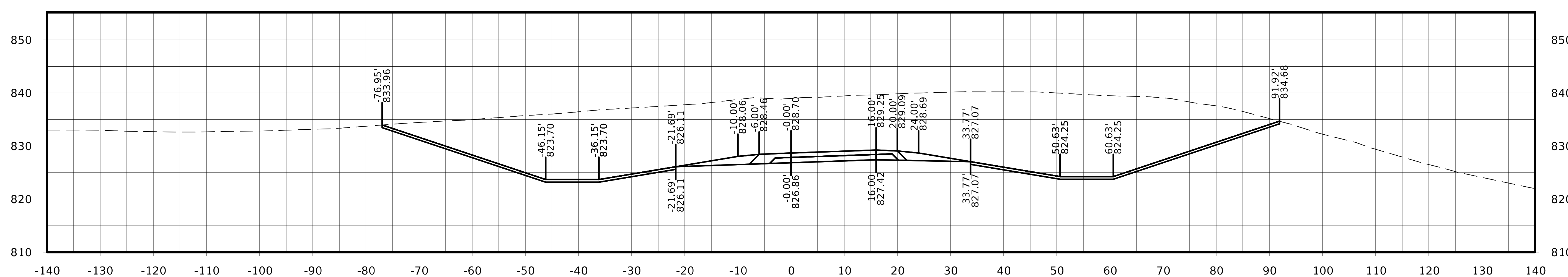
Ramp C



STA. 31251+75.00

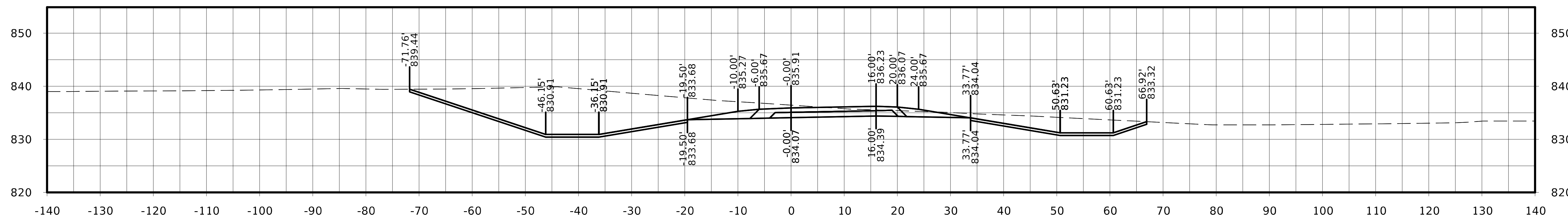


STA. 31251+50.00

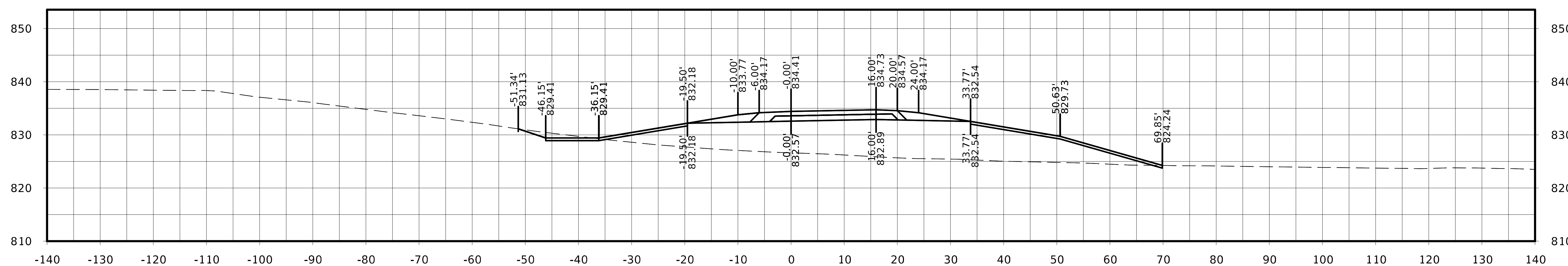


STA. 31251+25.00

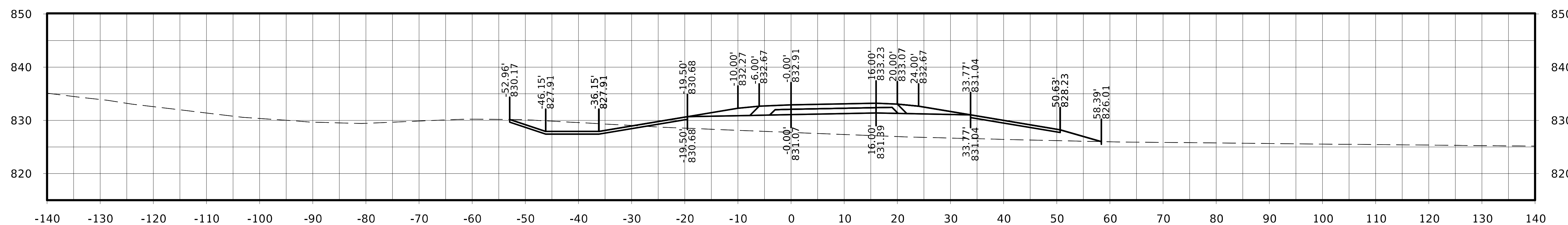
Ramp C



STA. 31252+50.00



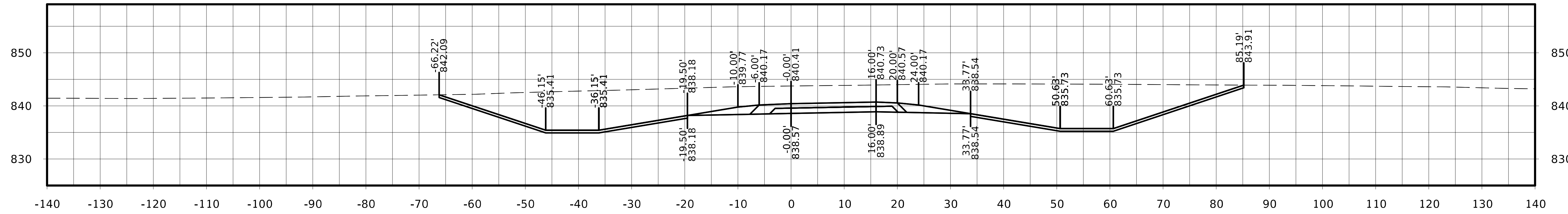
STA. 31252+25.00

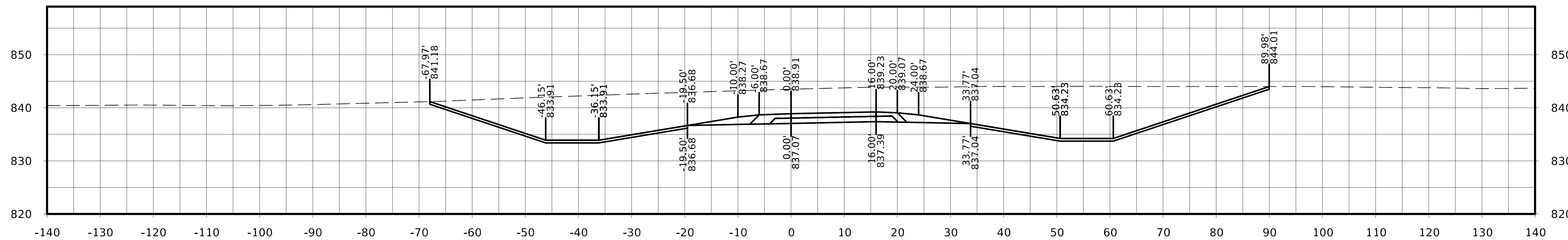


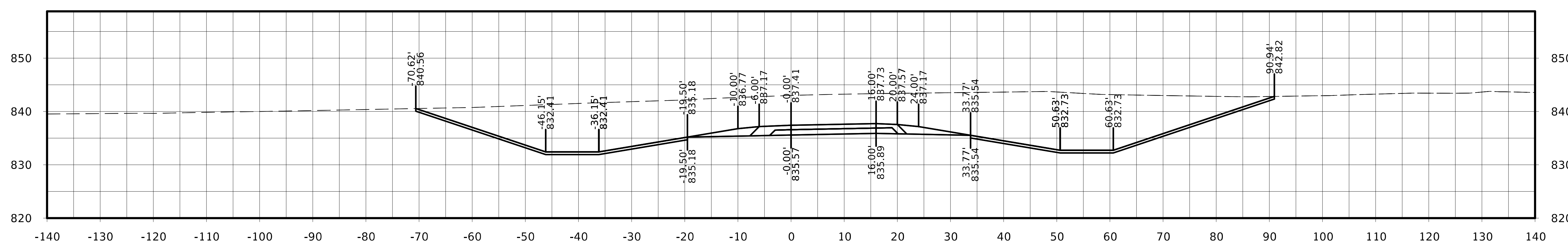
STA. 31252+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.684

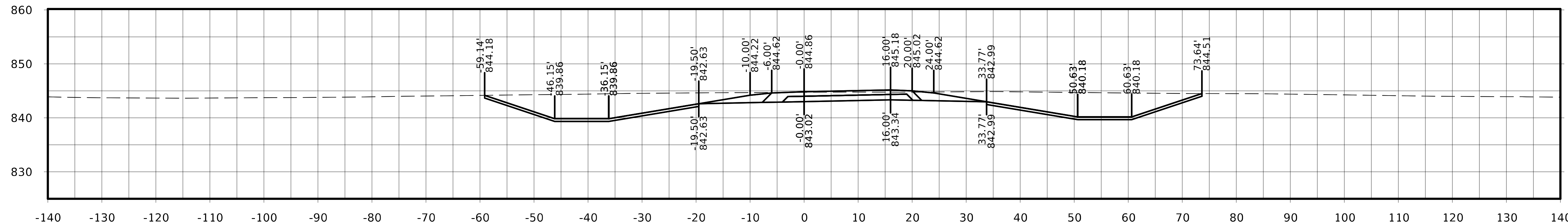
Ramp C



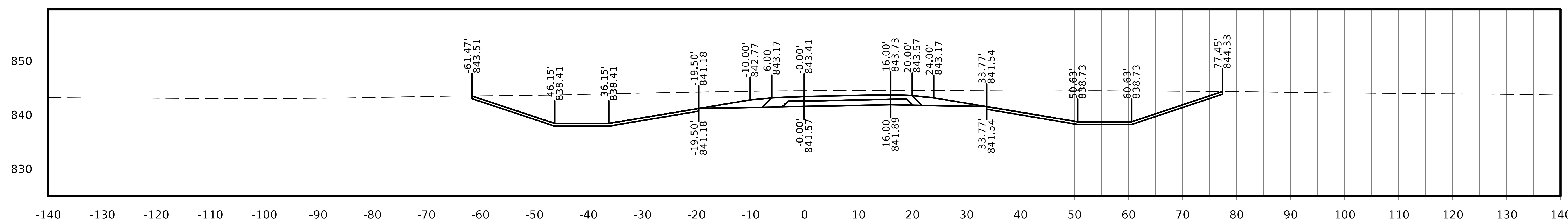




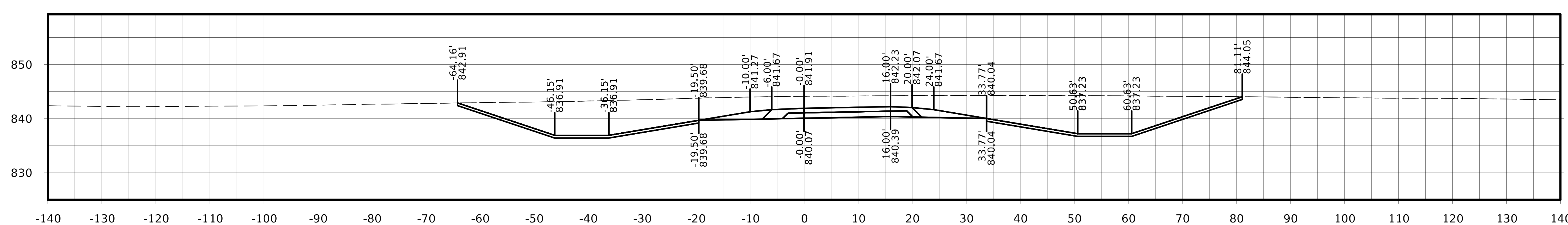
Ramp C



STA. 31254+00.00

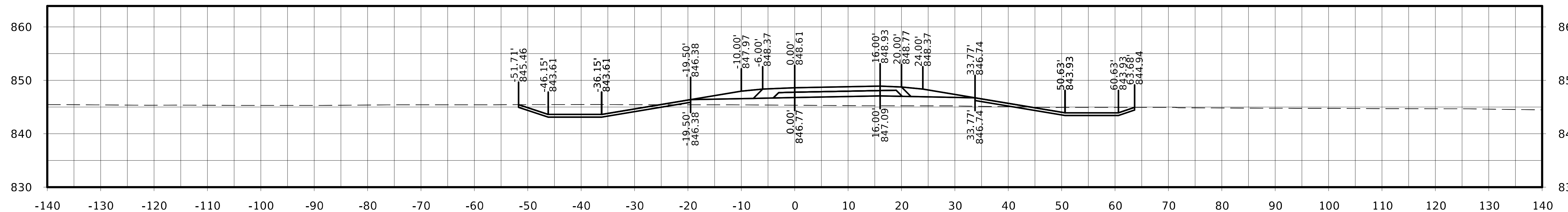


STA. 31253+75.00

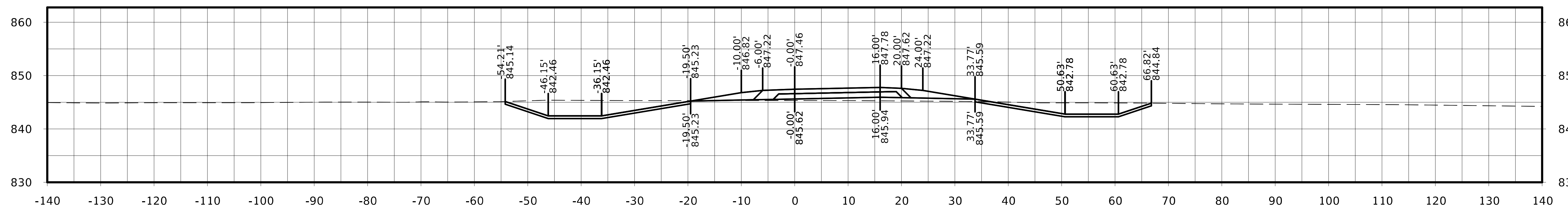


STA. 31253+50.00

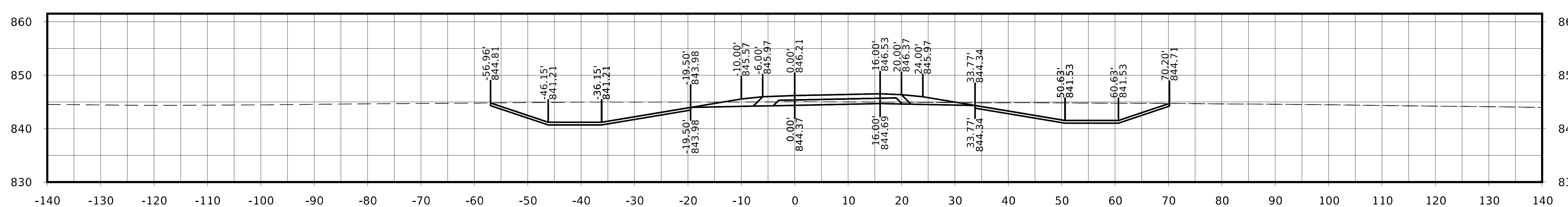
Ramp C



STA. 31254+75.00



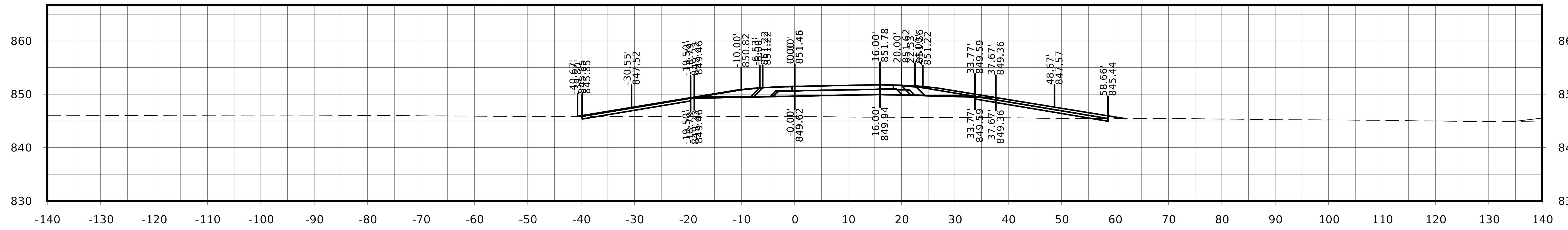
STA. 31254+50.00



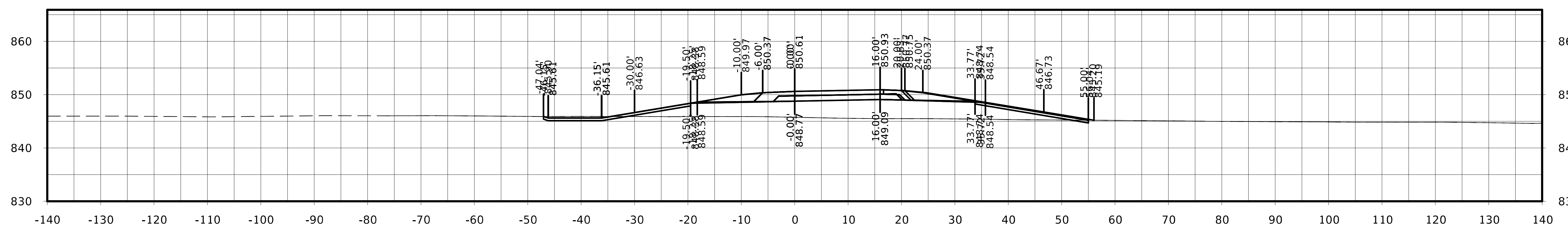
STA. 31254+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.687

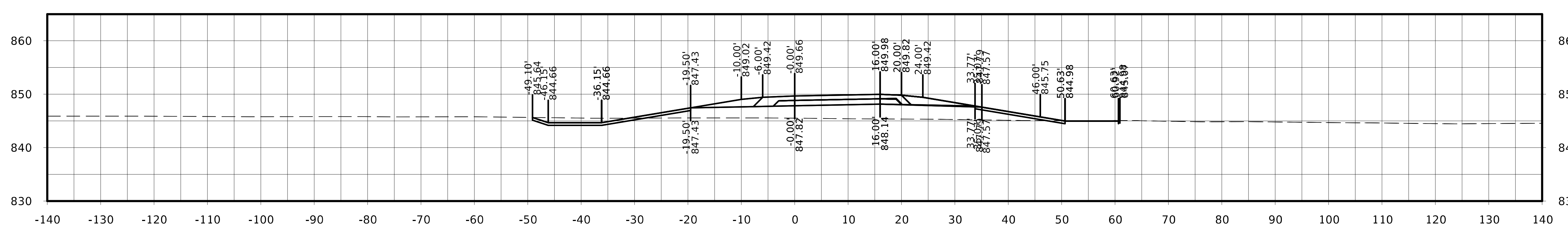
Ramp C



STA. 31255+50.00



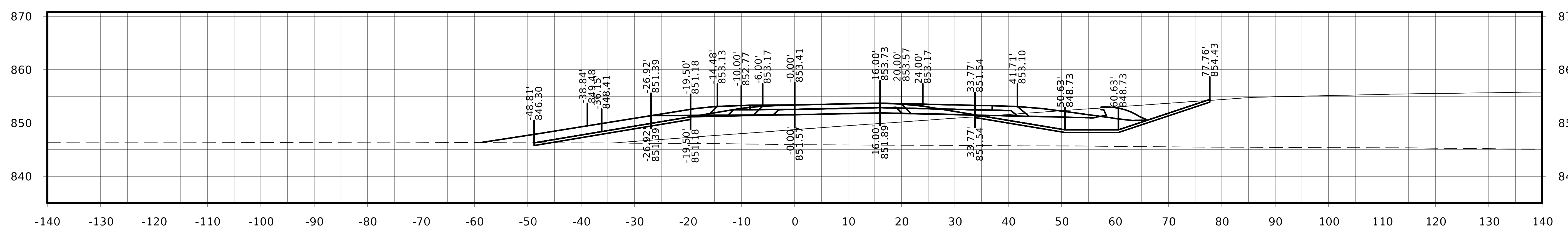
STA. 31255+25.00



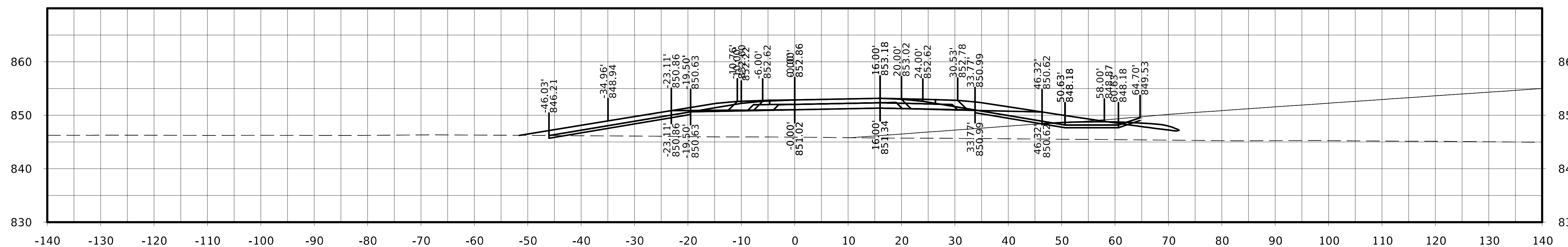
STA. 31255+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.688

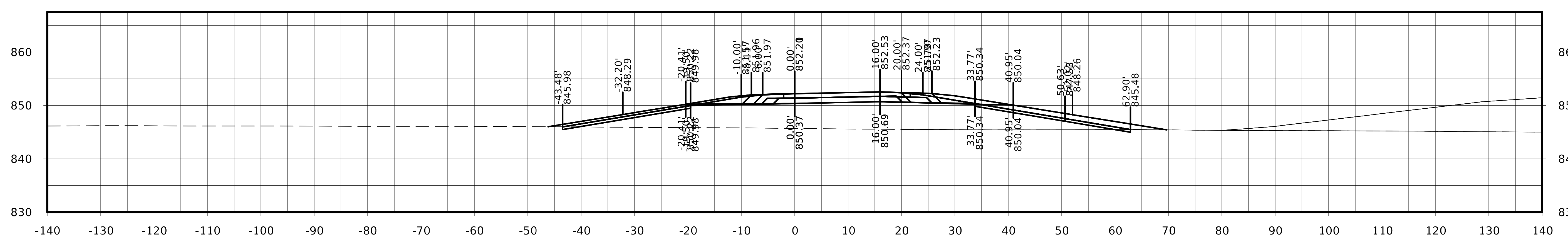
Ramp C



STA. 31256+25.00



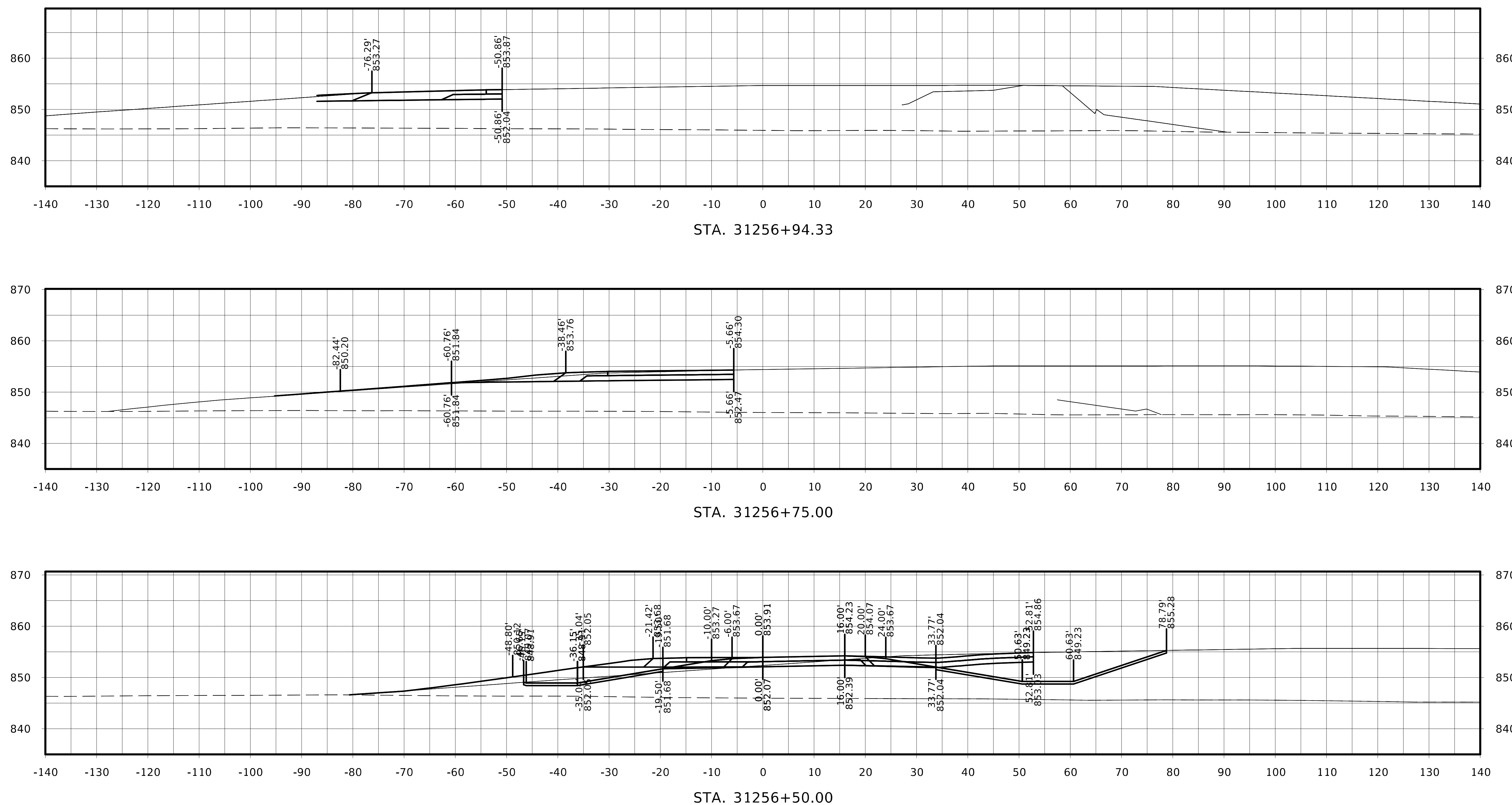
STA. 31256+00.00



STA. 31255+75.00

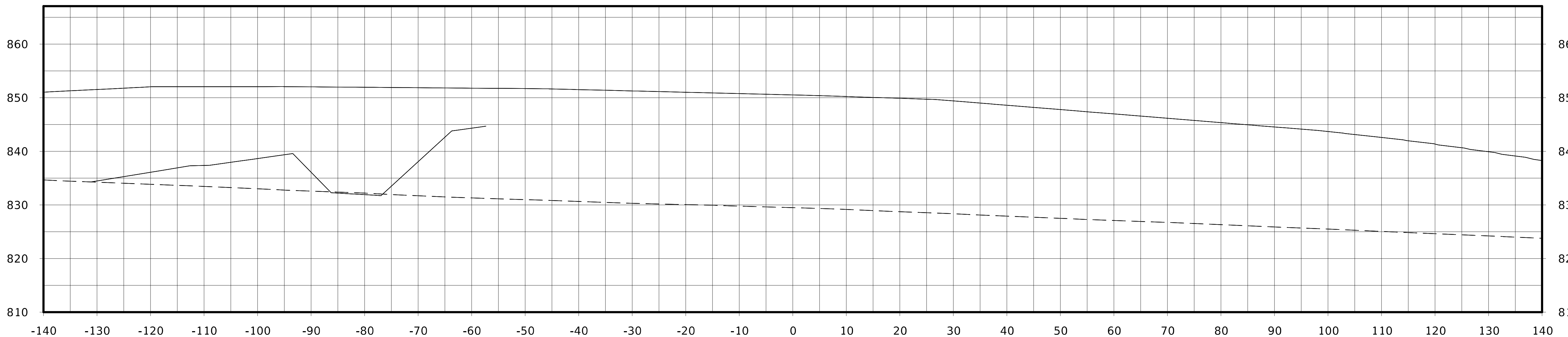
FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.689

Ramp C

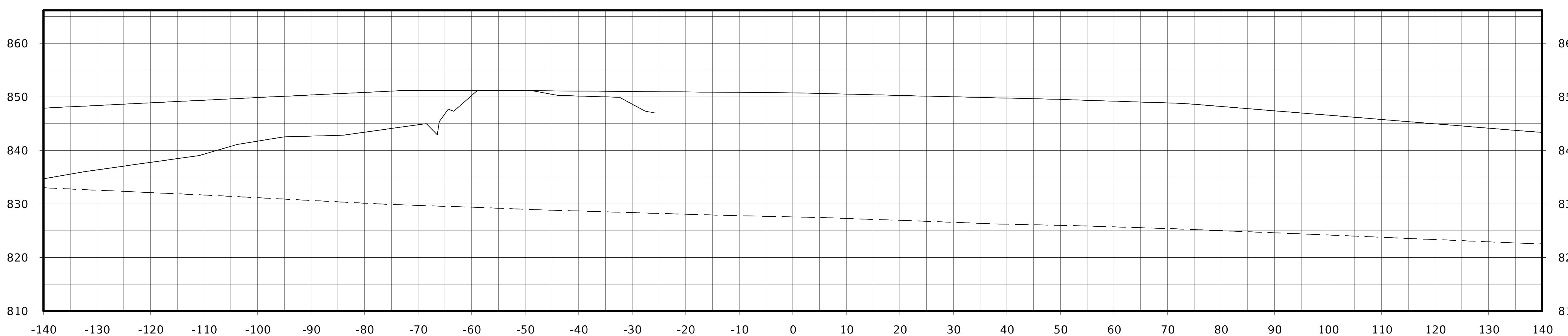


FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.690

Ramp D



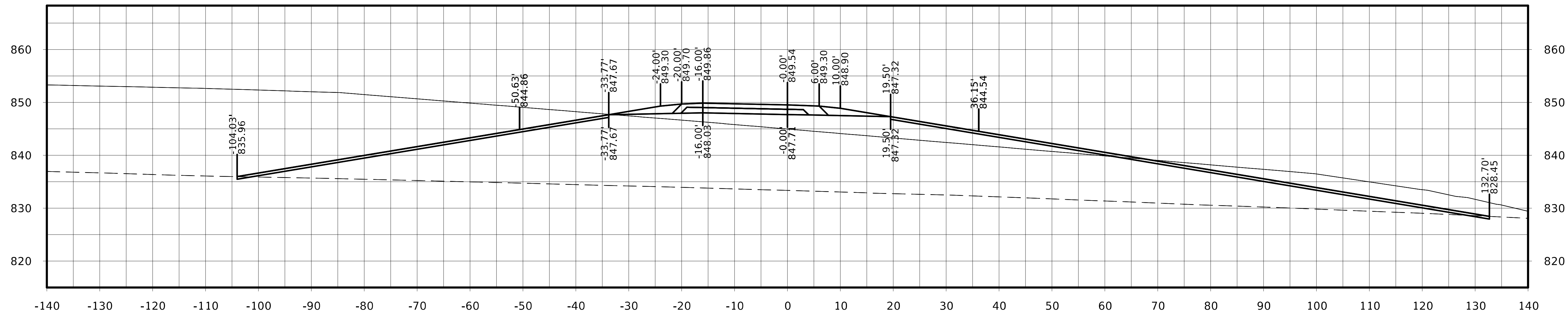
STA. 41255+75.00



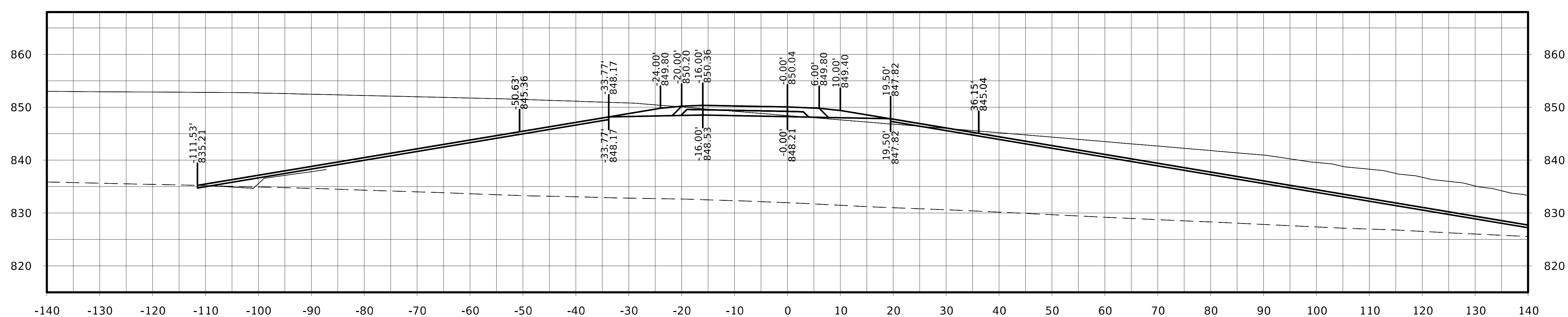
STA. 41255+54.08

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.691

Ramp D



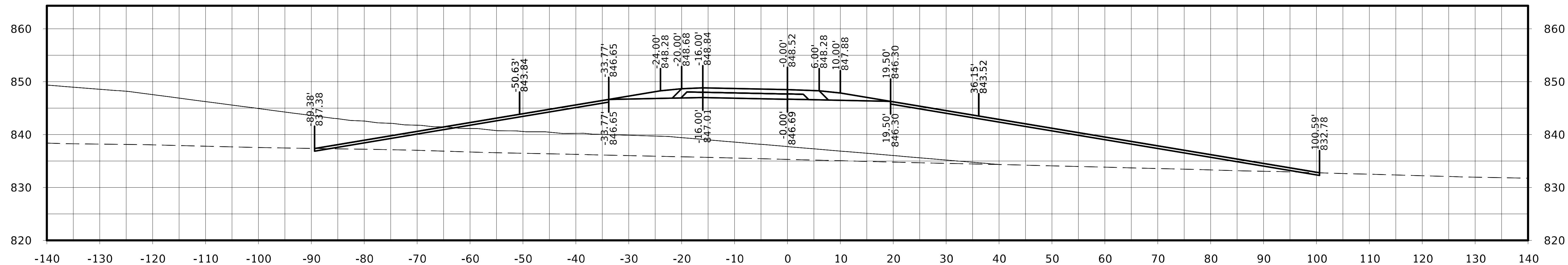
STA. 41256+25.00



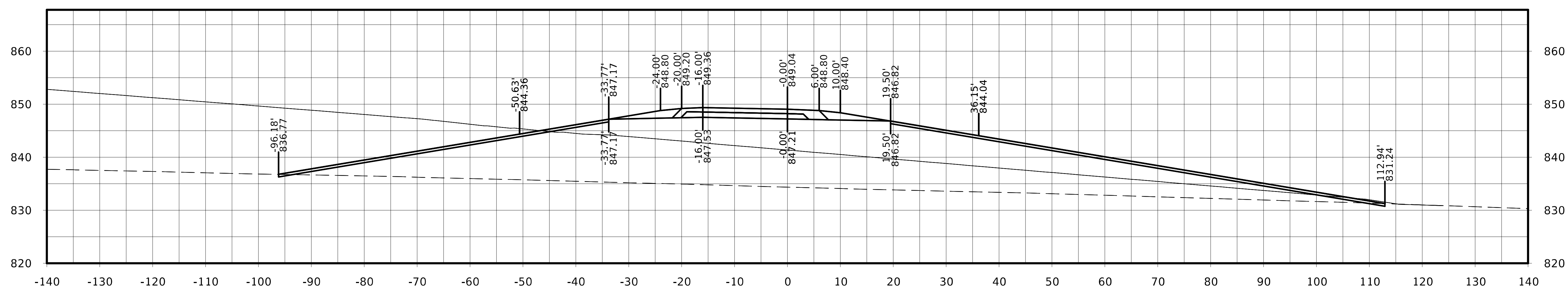
STA. 41256+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.692

Ramp D



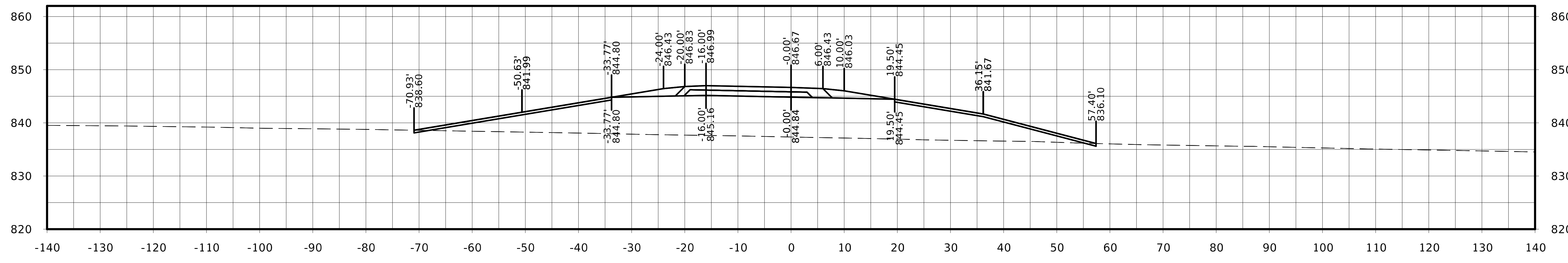
STA. 41256+75.00



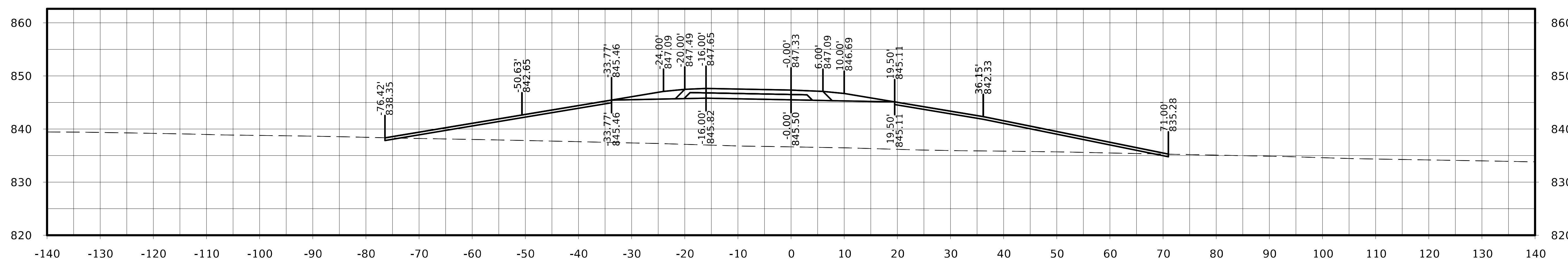
STA. 41256+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.693

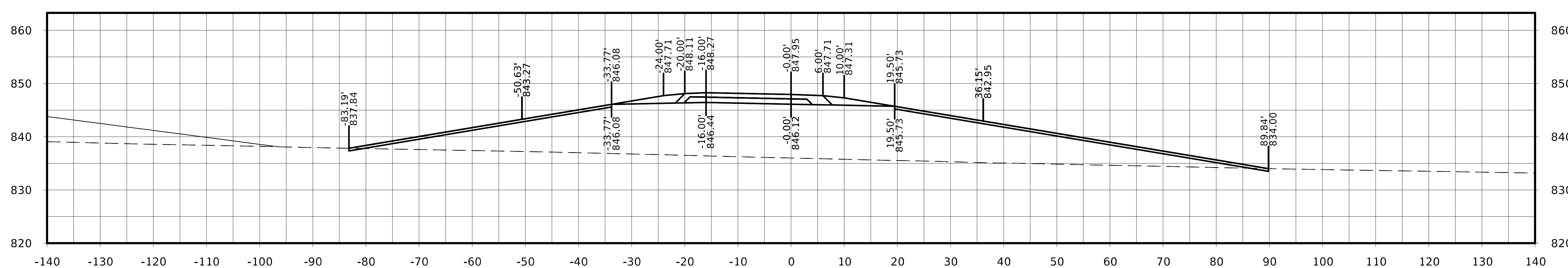
Ramp D



STA. 41257+50.00



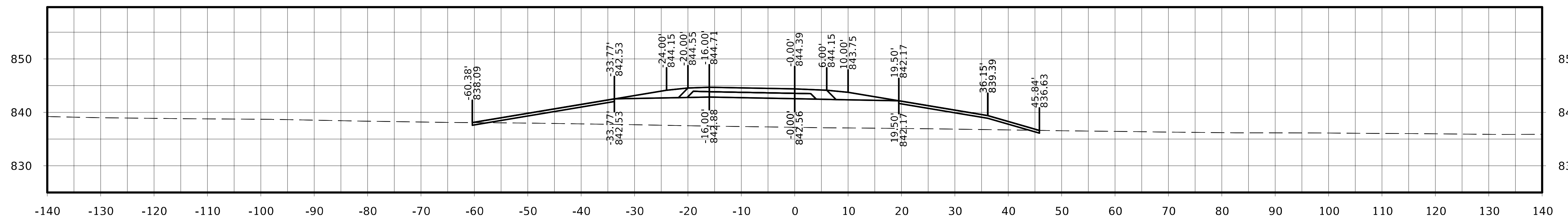
STA. 41257+25.00



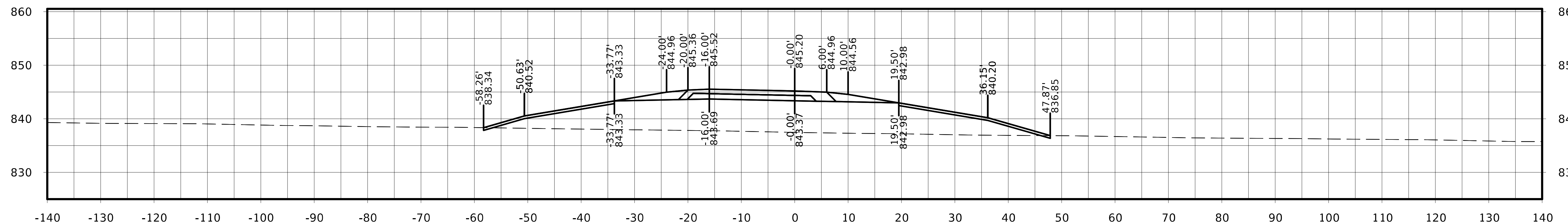
STA. 41257+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.694

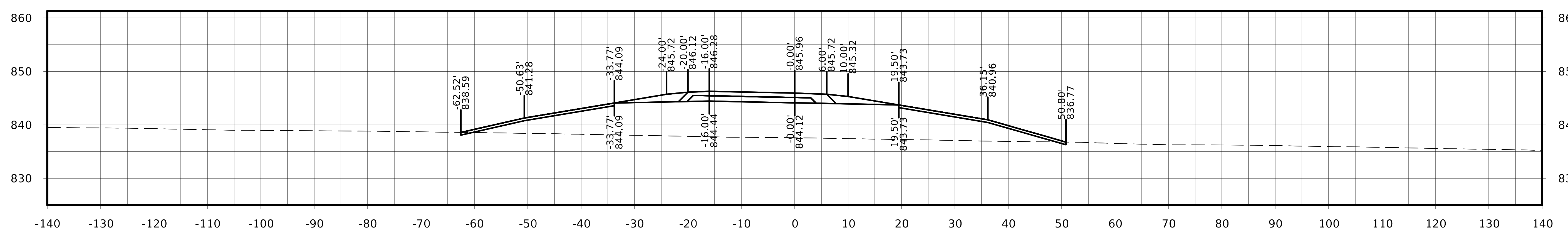
Ramp D



STA. 41258+25.00



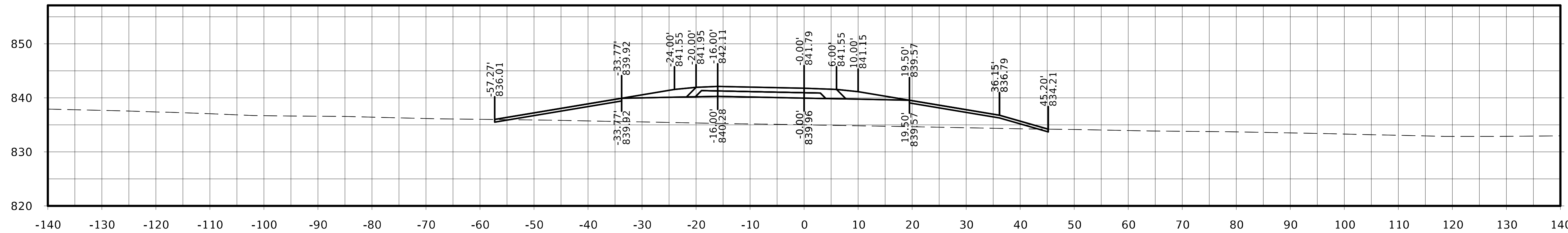
STA. 41258+00.00



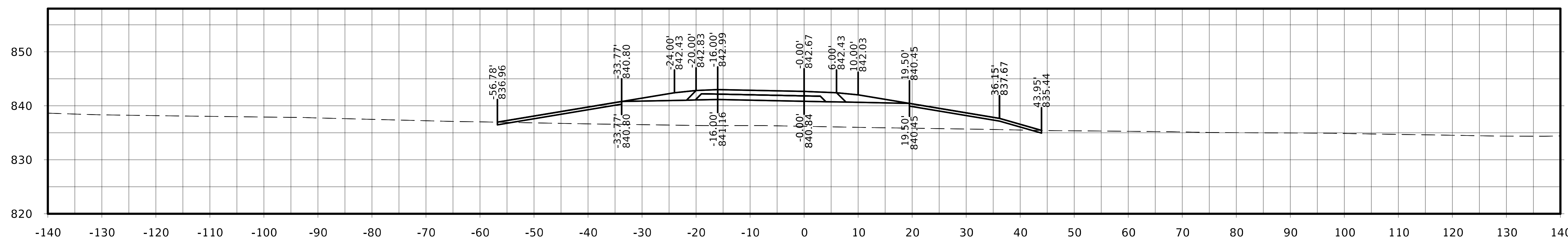
STA. 41257+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.695

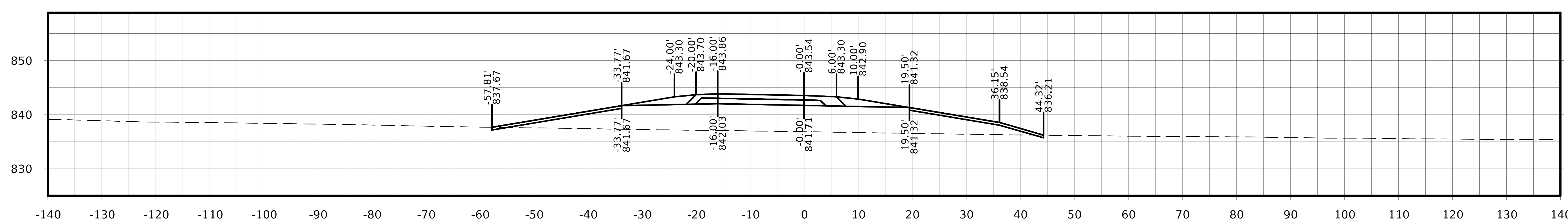
Ramp D



STA. 41259+00.00



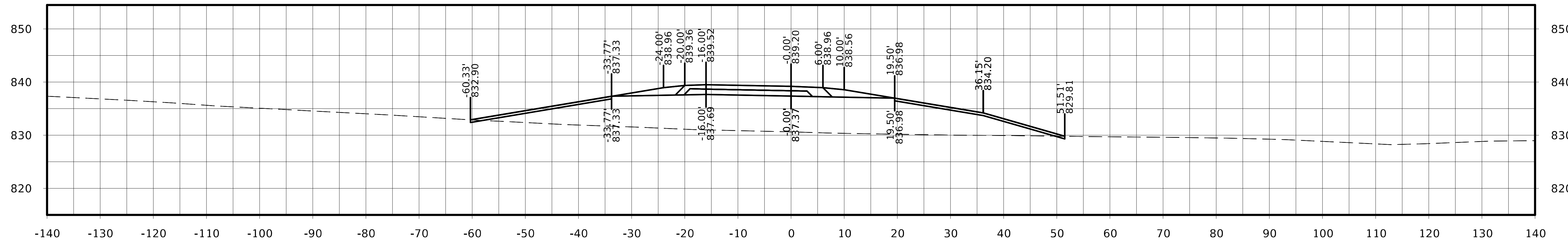
STA. 41258+75.00



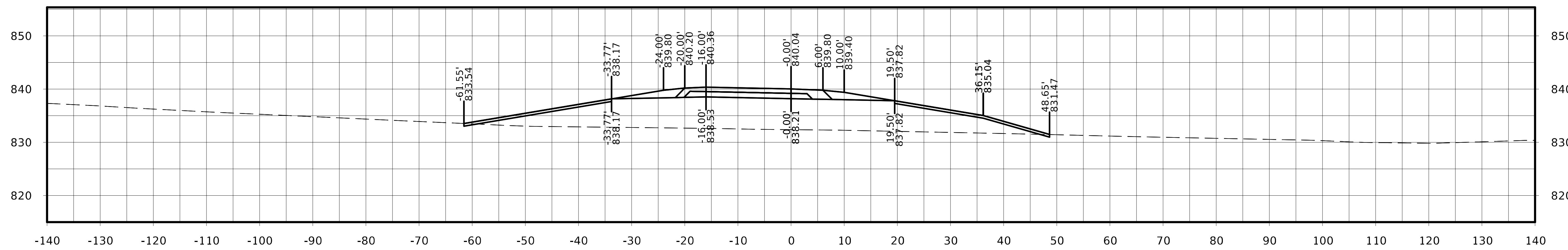
STA. 41258+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER	NHSX-063-3(93)--3H-62	SHEET NUMBER	W.696

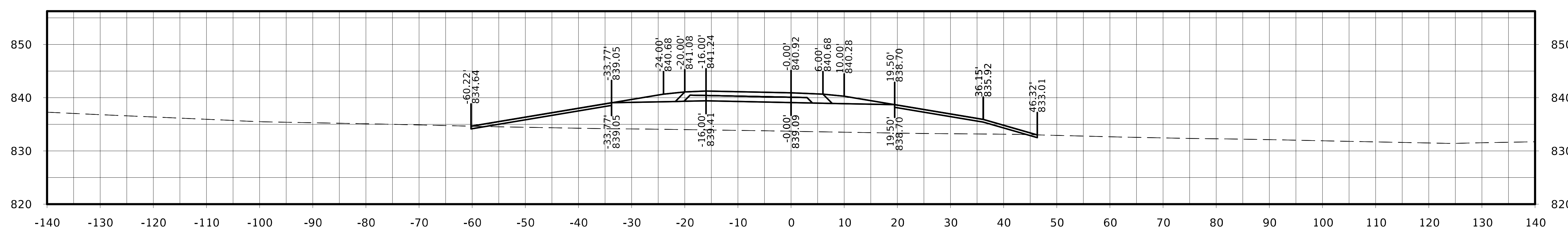
Ramp D



STA. 41259+75.00



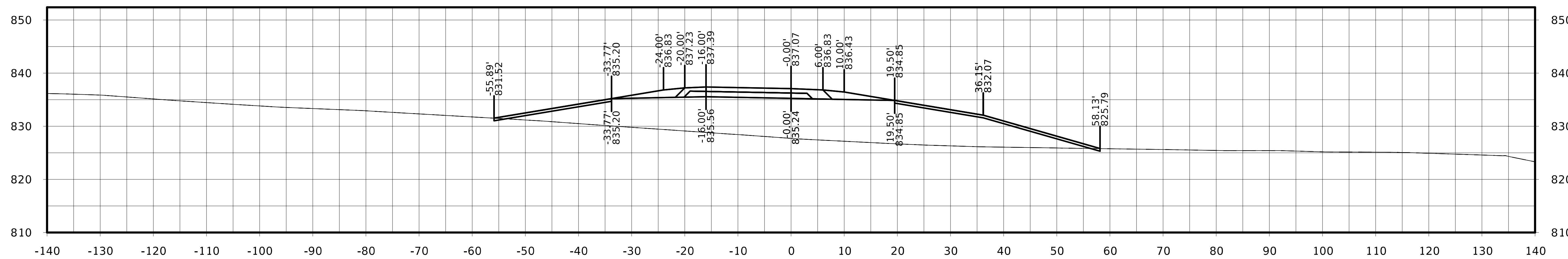
STA. 41259+50.00



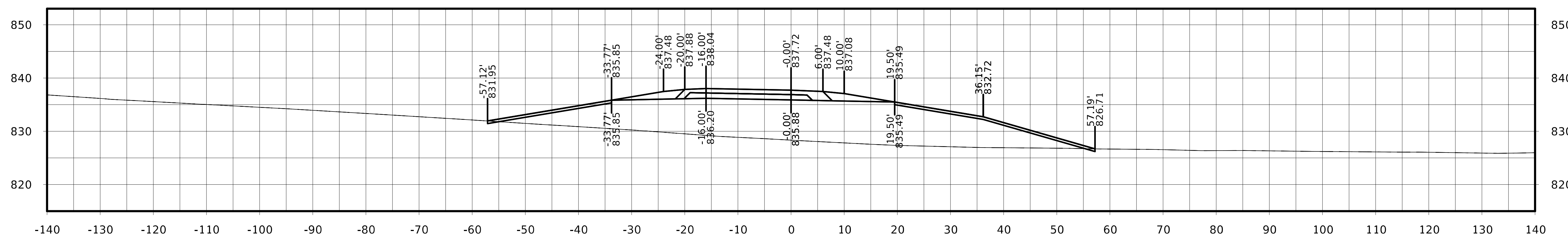
STA. 41259+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.697

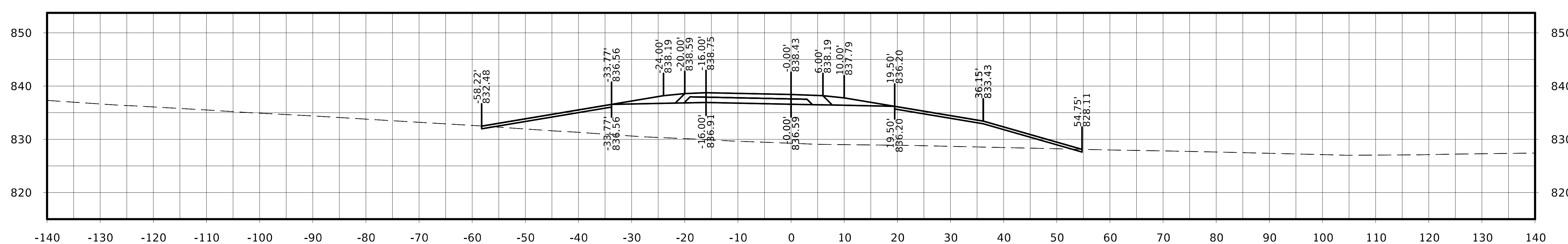
Ramp D



STA. 41260+50.00

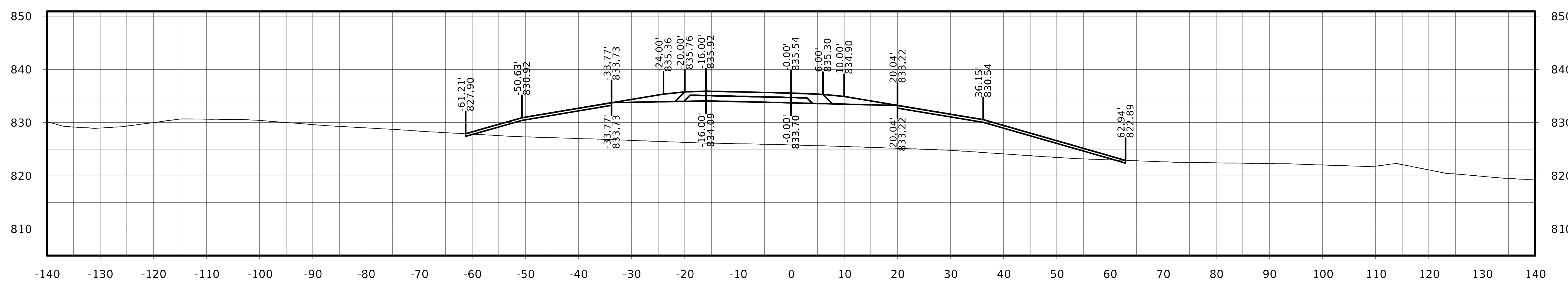


STA. 41260+25.00

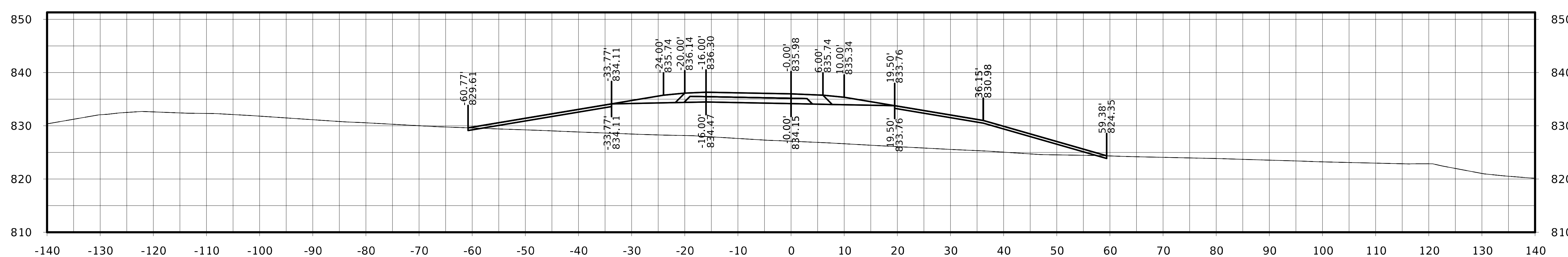


STA. 41260+00.00

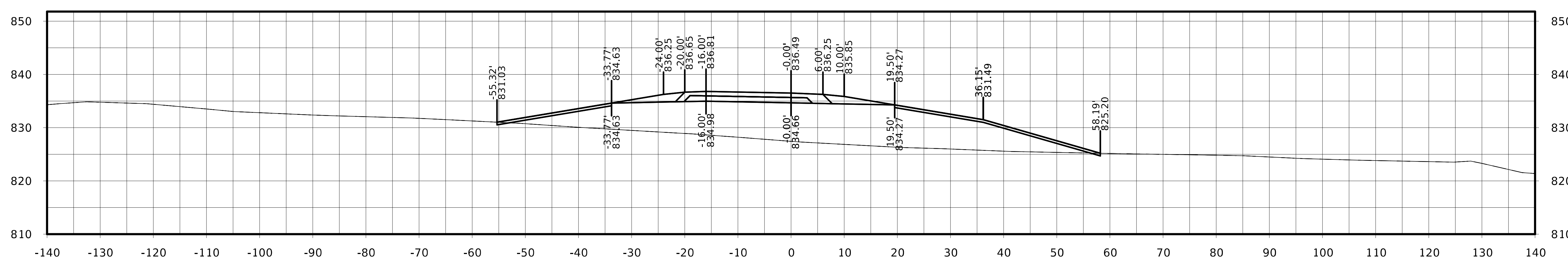
Ramp D



STA. 41261+25.00



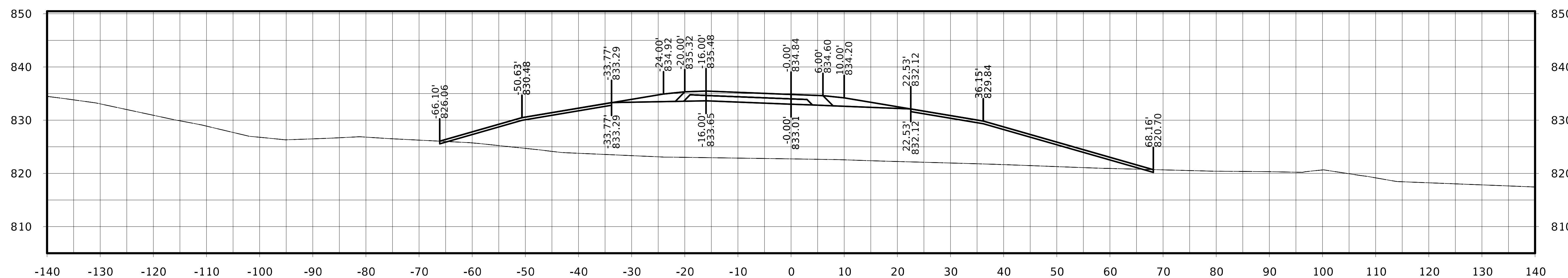
STA. 41261+00.00



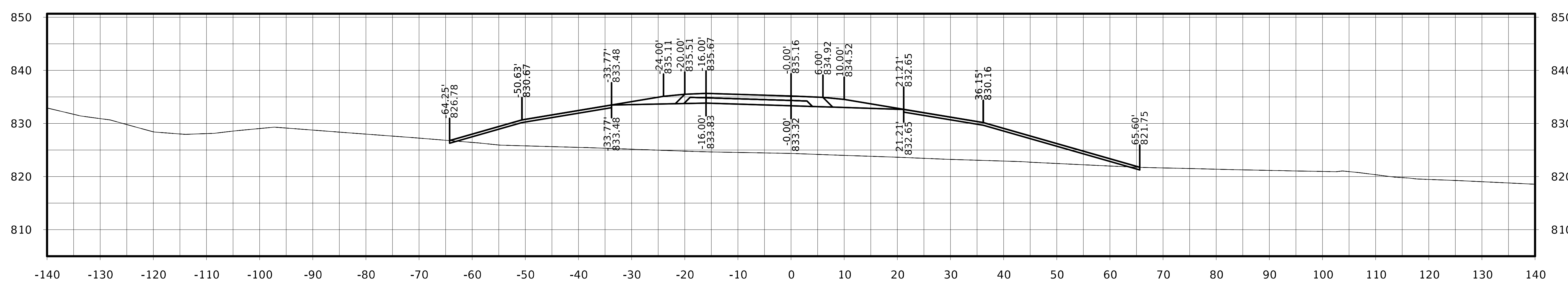
STA. 41260+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.699

Ramp D



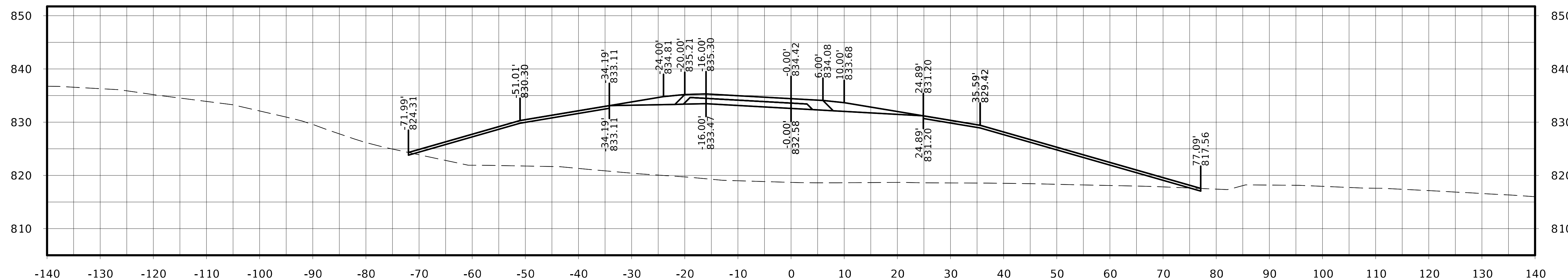
STA. 41261+75.00



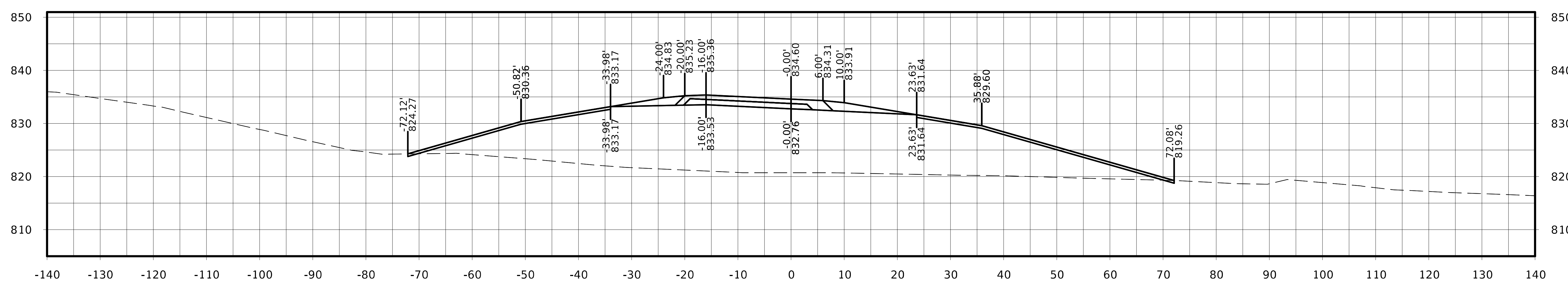
STA. 41261+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.700

Ramp D



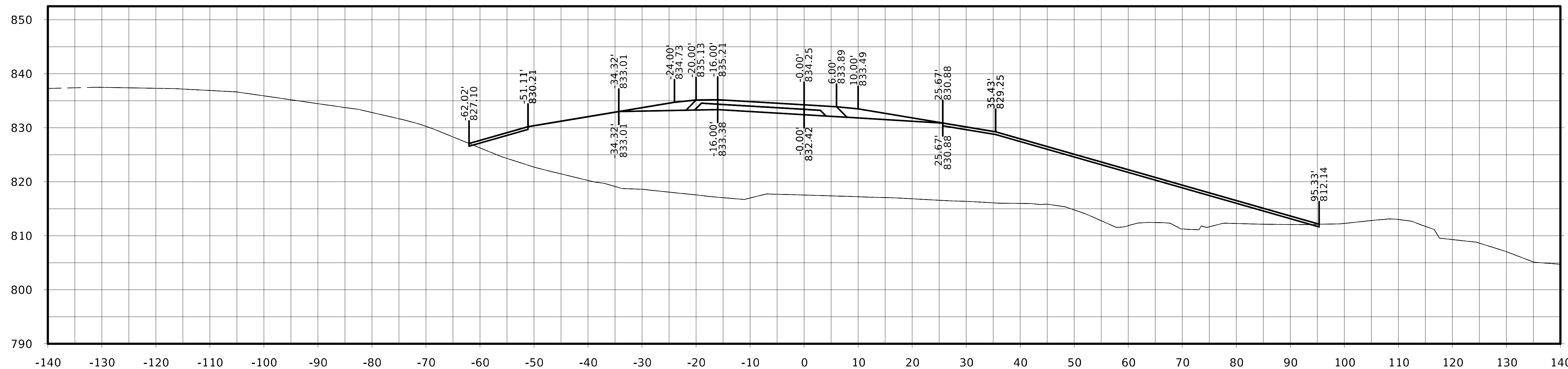
STA. 41262+25.00



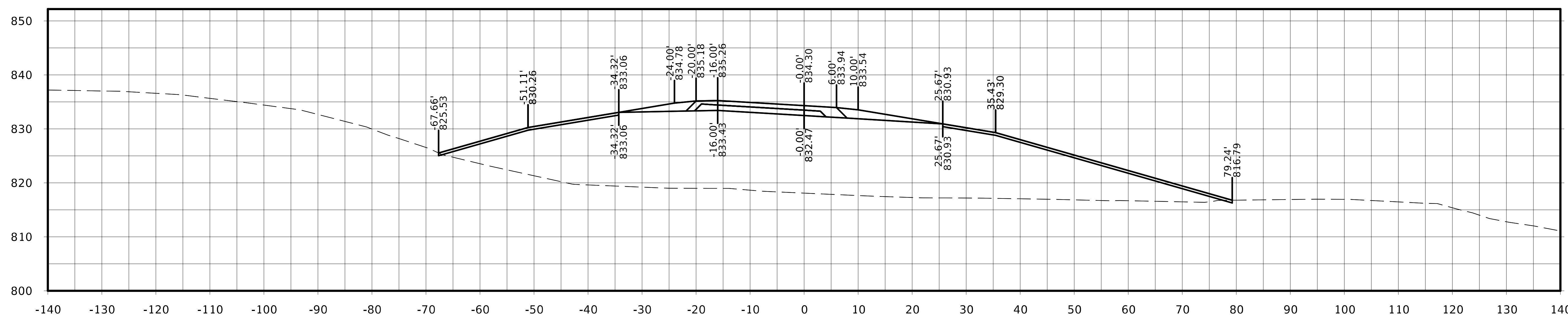
STA. 41262+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.701

Ramp D



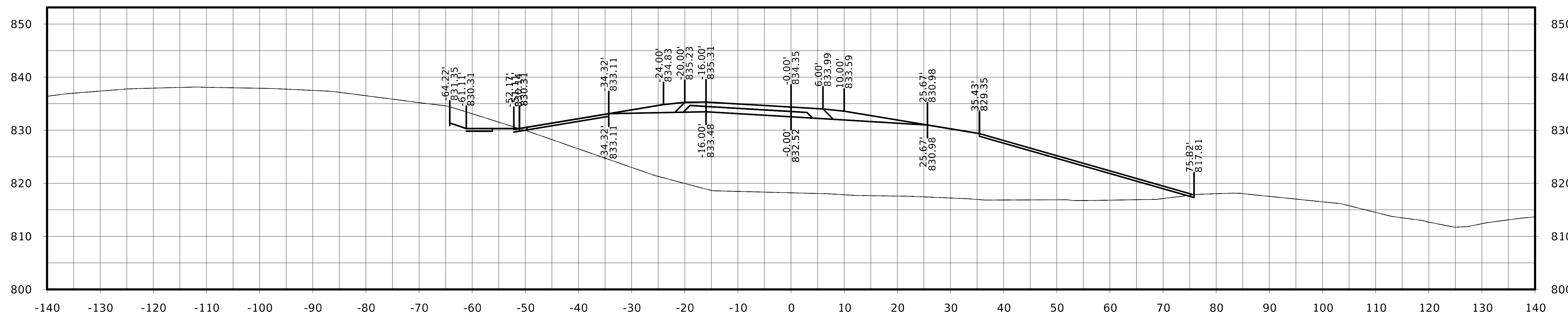
STA. 41262+75.00



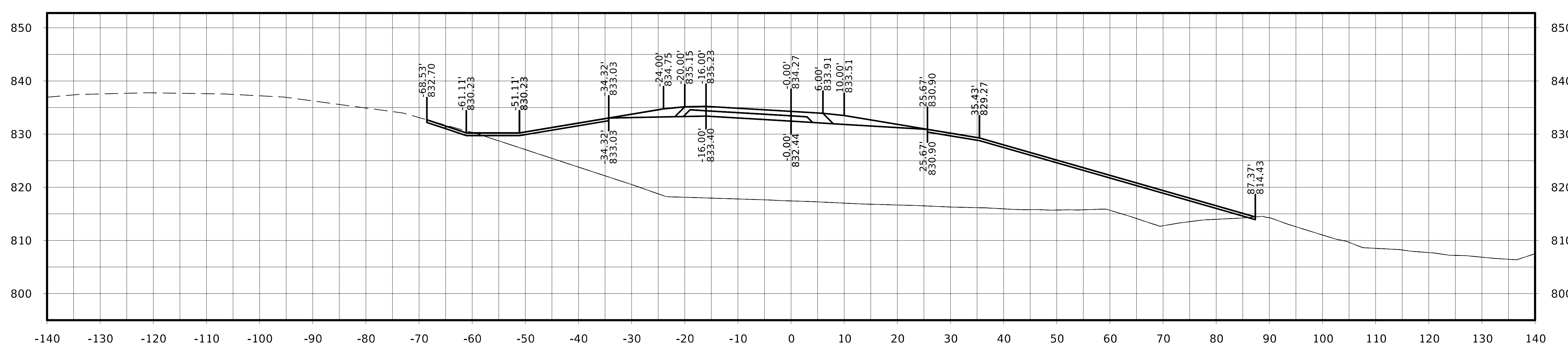
STA. 41262+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.702

Ramp D

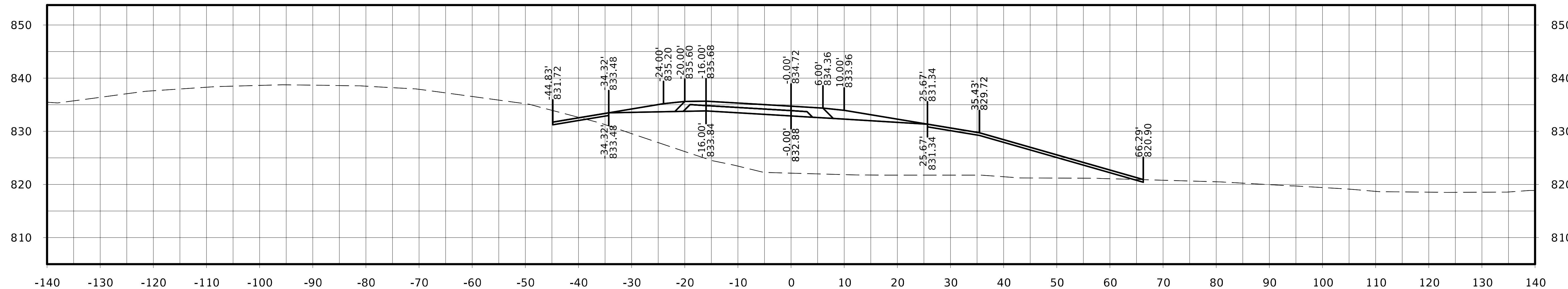


STA. 41263+25.00

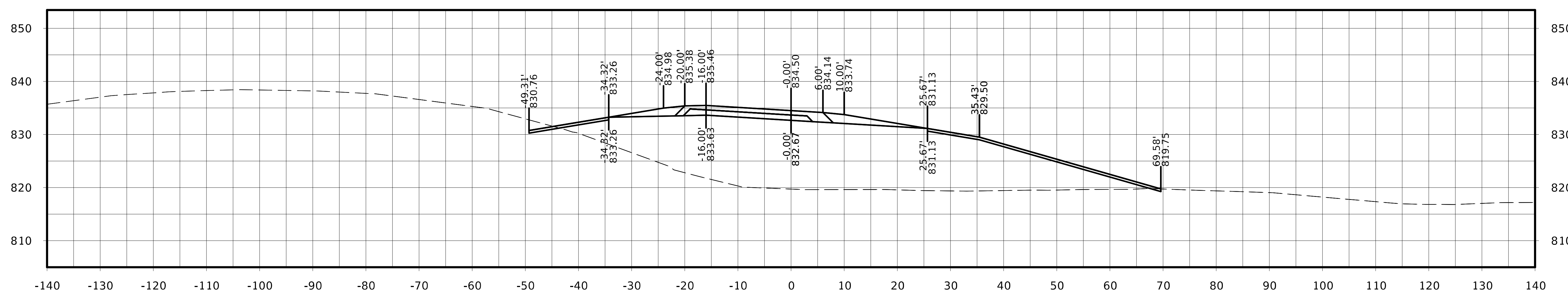


STA. 41263+00.00

Ramp D



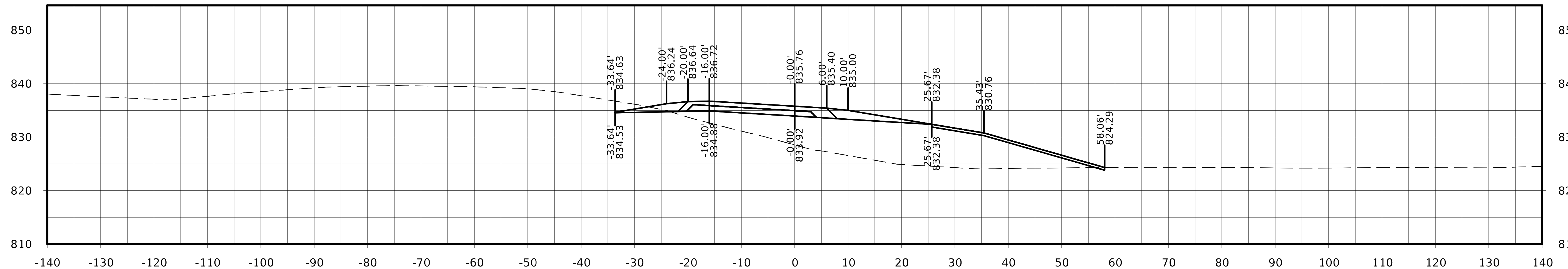
STA. 41263+75.00



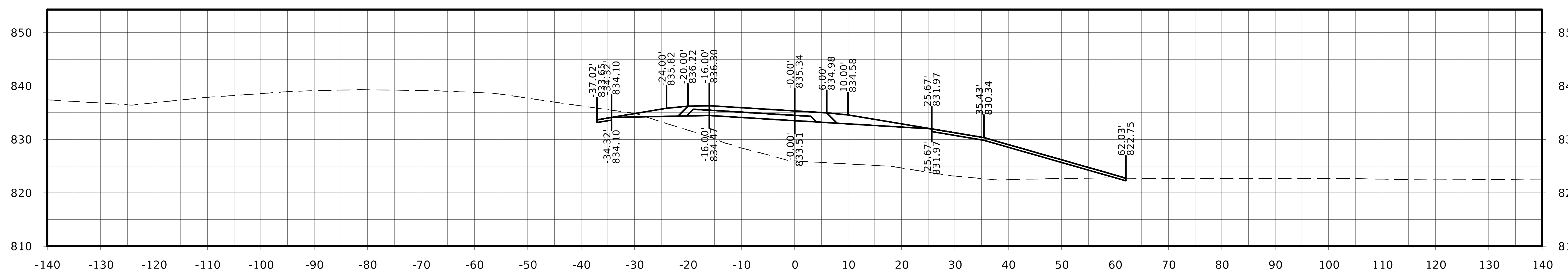
STA. 41263+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.704

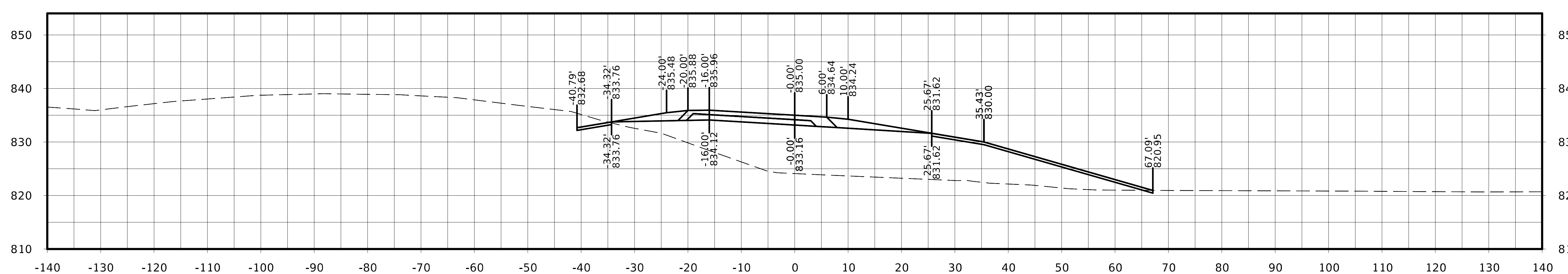
Ramp D



STA. 41264+50.00



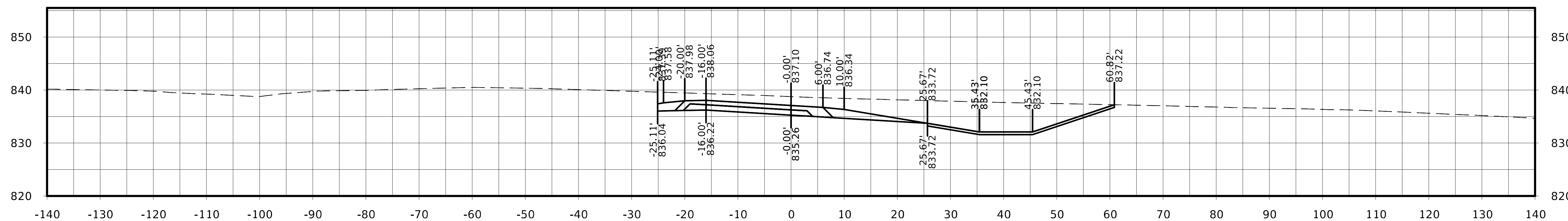
STA. 41264+25.00



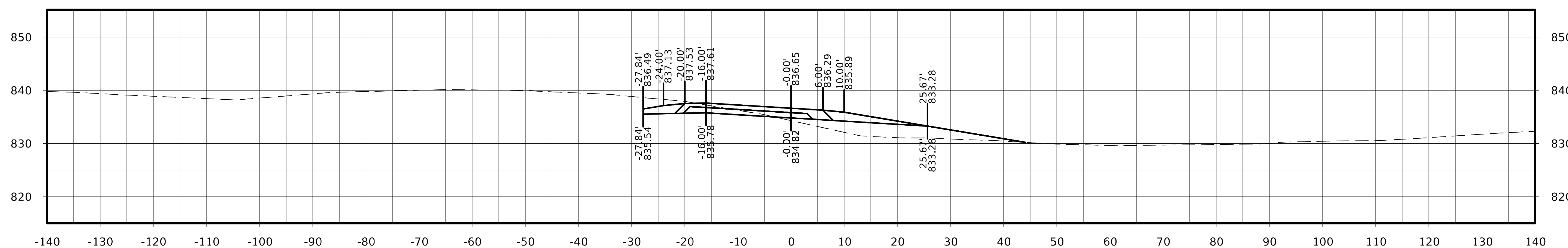
STA. 41264+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.705

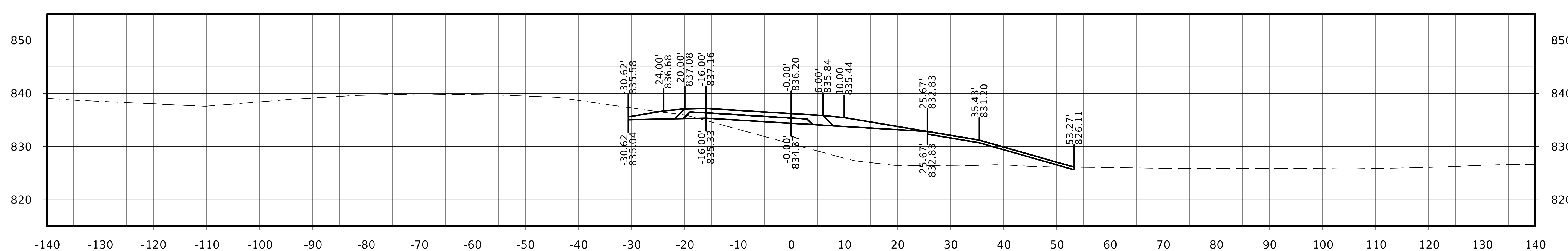
Ramp D



STA. 41265+25.00



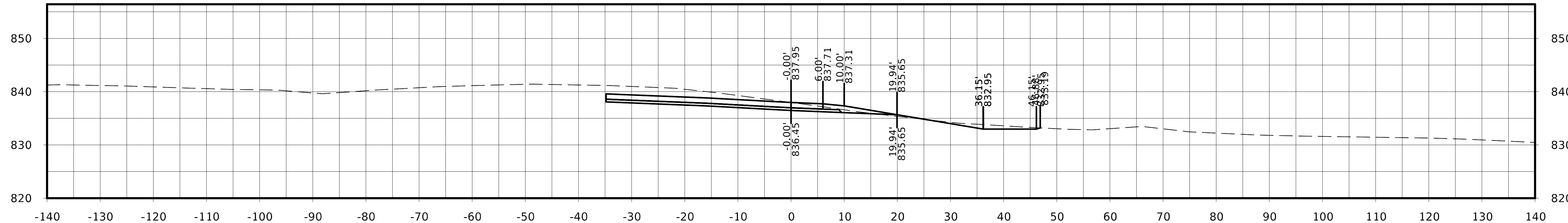
STA. 41265+00.00



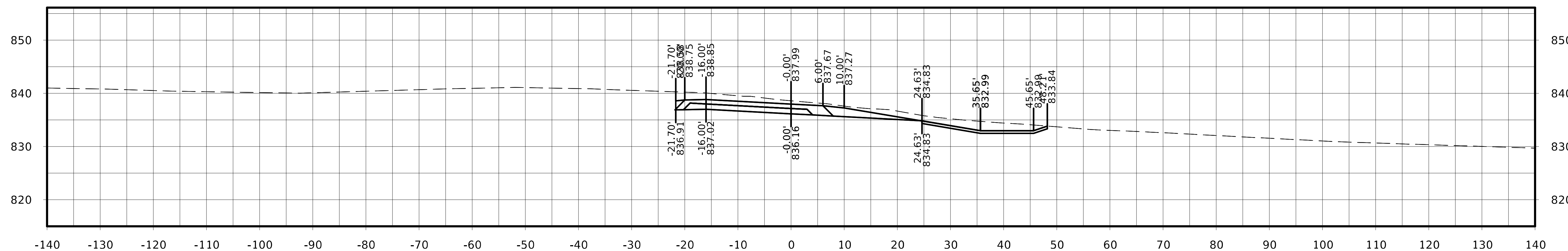
STA. 41264+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.706

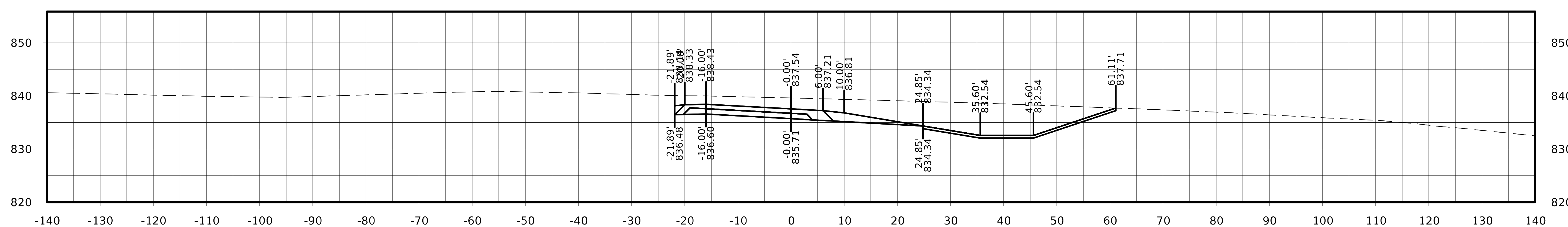
Ramp D



STA. 41266+00.00



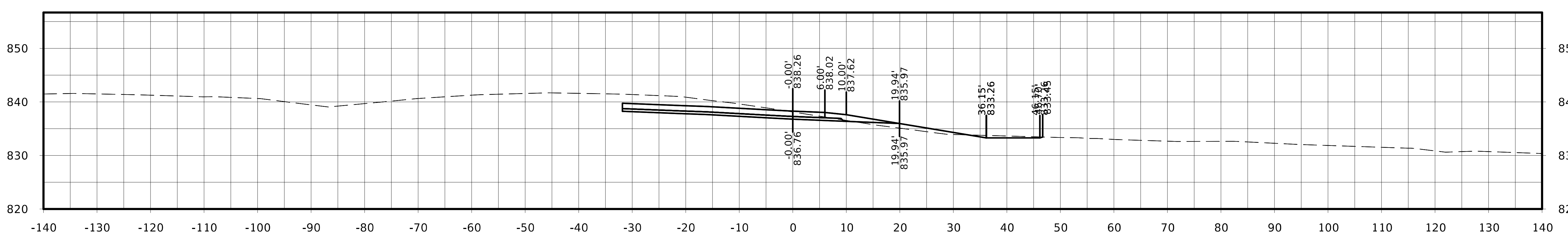
STA. 41265+75.00



STA. 41265+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson	MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.707

Ramp D



STA. 41266+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery / Johnson		MAHASKA COUNTY	PROJECT NUMBER NHSX-063-3(93)--3H-62	SHEET NUMBER W.708