LETTING DATE 12/16/2026

Bridge Replacement

IMX-080-6(532)219--02-48

IOWA | DOT

REVISIONS

TOTAL	155
PROJECT IDENTIFICATION NUMBER	
22-48-080-060	
PROJECT NUMBER	
IMX-080-6(532)219--02-48	
R.O.W. PROJECT NUMBER	
IMN-080-6(535)219--0E-48	
N/A	
N/A	

INDEX OF SHEETS

<-- H Sheets

PLANS OF PROPOSED IMPROVEMENT ON THE

INTERSTATE ROAD SYSTEM

IOWA COUNTY

Bridge Replacement

I-80/IA-149 Interchange

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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

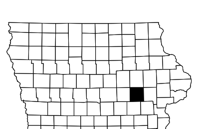
IOWA ONE CALL

1-800-292-8989

www.iowaonecall.com

811 Know what's below. Call before you dig.

IOWA COUNTY



I-80/IA-149 Interchange			
DESIGN DATA RURAL			
2027	AADT	33,600	V.P.D.
2047	AADT	38,200	V.P.D.
20 --	DHV	--	V.P.H.
TRUCKS		26	%
Total Design ESALs		--	

I-80			
DESIGN DATA RURAL			
2027	AADT	34,800	V.P.D.
2047	AADT	39,600	V.P.D.
20 --	DHV	--	V.P.H.
TRUCKS		26	%
Total Design ESALs		--	

IA-149			
DESIGN DATA RURAL			
2027	AADT	7,600	V.P.D.
2047	AADT	8,900	V.P.D.
20 --	DHV	--	V.P.H.
TRUCKS		4	%
Total Design ESALs		--	

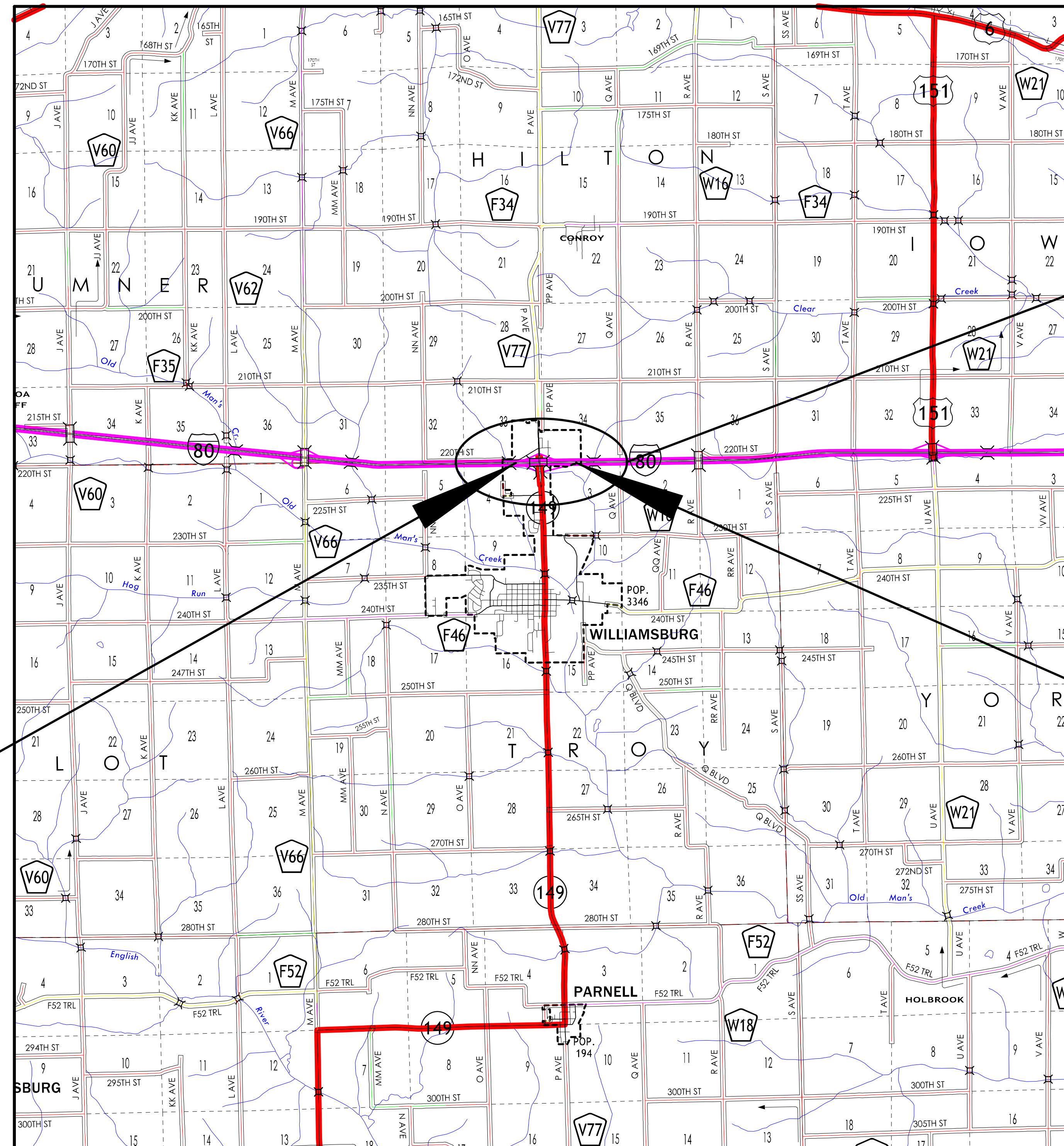
PRELIMINARY PLANS

Subject to change by final design.

D5 PLAN - Date: 02/17/2025

FILE NO. N/A | ENGLISH | DESIGN TEAM Holst/Finch/Gunderson | IOWA COUNTY | PROJECT NUMBER IMX-080-6(532)219--02-48 | SHEET NUMBER A.1

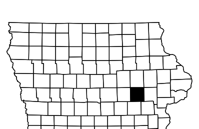
4:51:55 PM 2/17/2025 hfinch pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_A01.dgn



PROJECT LOCATION

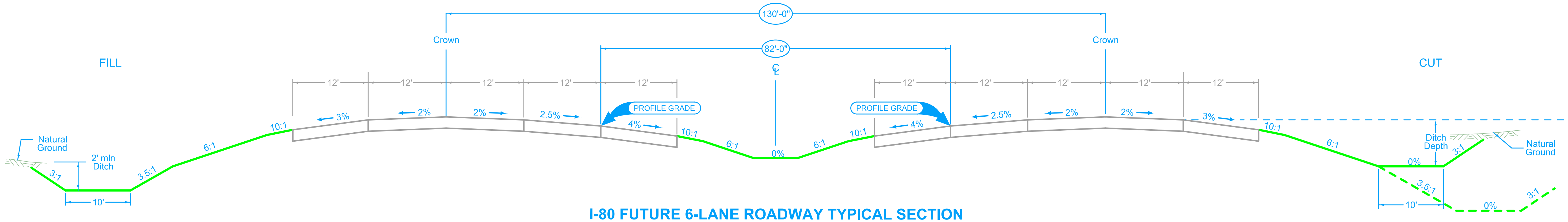
BEGIN CONSTRUCTION
EB I-80 Station 122+50.00
WB I-80 Station 986+25.00

END CONSTRUCTION
EB I-80 Station 200+25.00
WB I-80 Station 1009+50.00



FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson		IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER A.2

1:45:23 PM 12/16/2024 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_A01.dgn



I-80 FUTURE 6-LANE ROADWAY TYPICAL SECTION
BY OTHERS
FOR INFORMATION ONLY

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

See Tab 112-9 for shoulder quantities.

FUTURE I-80 TYPICAL SECTION

FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER B.1

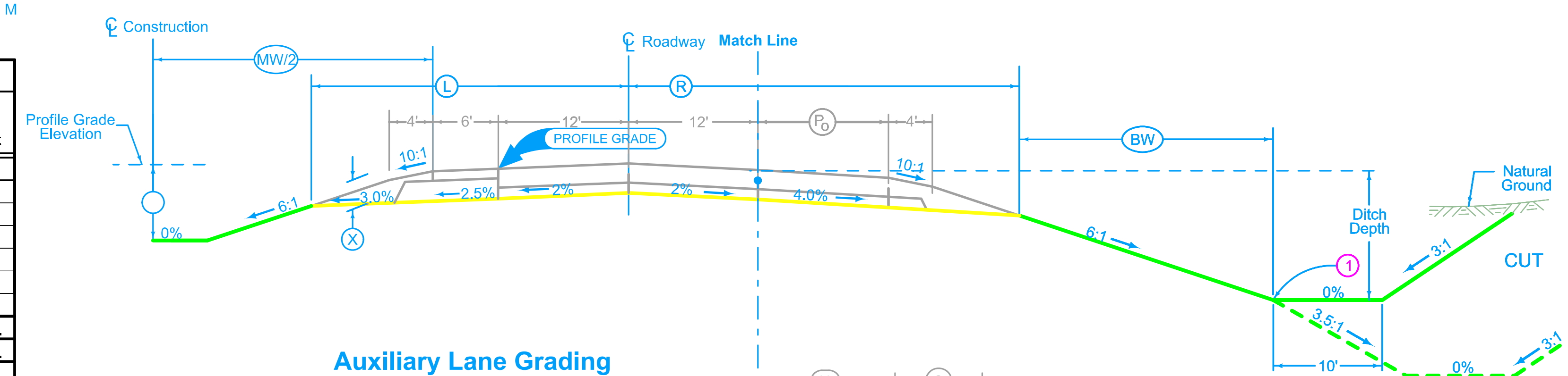
6 LANE GRADING
(Depressed Median)

LOCATION			DIMENSIONS					
ROAD IDENTIFICATION	STATION TO STATION		L Feet	R Feet	X Inches	BW Feet	MW Feet	M Feet
I-80 WB	986+00.00	987+00.00	30.47	Var.		Var.	106	Var.
I-80 WB	987+00.00	994+23.32	30.47	37.94		Var.	106	Var.
I-80 WB	994+23.32	996+03.32	Var.	Var.		Var.	Var.	Var.
I-80 WB	996+03.32	999+83.32	Var.	Var.		Var.	82	Var.
I-80 WB	999+83.32	1001+61.83	Var.	Var.		Var.	Var.	Var.
I-80 WB	1001+61.83	1008+40.00	30.47	37.94		Var.	106	Var.
I-80 WB	1008+40.00	1010+00.00	Var.	Var.		Var.	106	Var.
I-80 EB	122+50.00	124+00.16	Var.	Var.		Var.	Var.	Var.
I-80 EB	124+00.16	145+00.93	29.84	37.94		Var.	Var.	Var.
I-80 EB	145+00.93	150+75.46	29.84	37.94		Var.	106	Var.
I-80 EB	150+75.46	168+20.50	29.84	Var.		Var.	106	Var.
I-80 EB	168+20.50	176+16.77	Var.	Var.		Var.	106	Var.
I-80 EB	176+16.77	177+97.97	Var.	Var.		Var.	Var.	Var.
I-80 EB	177+97.97	181+78.77	Var.	Var.		Var.	82	Var.
I-80 EB	181+78.77	191+51.50	Var.	Var.		Var.	Var.	Var.
I-80 EB	191+51.50	198+75.00	29.84	37.94		Var.	Var.	Var.
I-80 EB	198+75.00	200+25.00	29.84	Var.		Var.	Var.	Var.

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

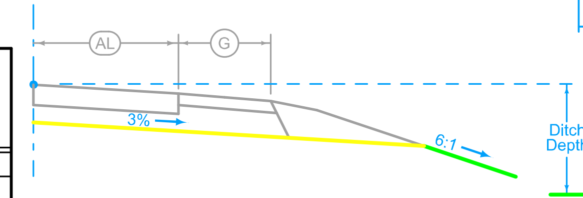
See Plan & Profiles sheets and cross sections for additional details of ditches and backslopes.

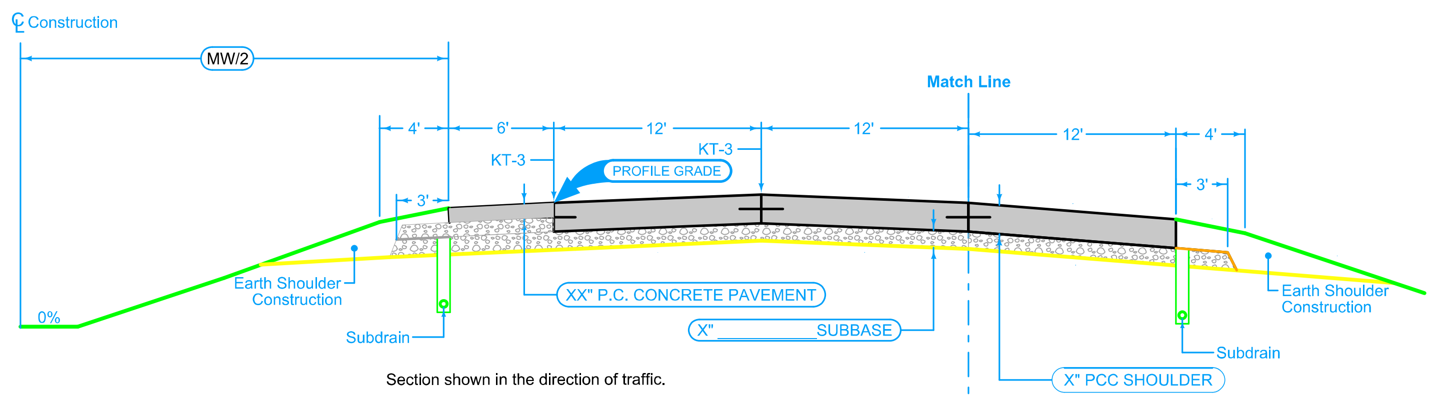
1 Refer to project plan and cross sections for specific location of foreslope change.



Auxiliary Lane Grading

LOCATION			R
ROAD IDENTIFICATION	STATION TO STATION		Feet
I-80 EB	163+75.46	167+95.46	Var.





Partial Depth PCC Shoulder

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

6D_Dprs_P_FullPCC_ 04-20-21		
Direction of Travel	BEGIN STATION	END STATION
WB	986+14.53	996+75.56
WB	999+12.40	1010+00.24
EB	122+50.00	178+69.52
EB	181+13.60	200+25.00

Section shown in the direction of traffic.

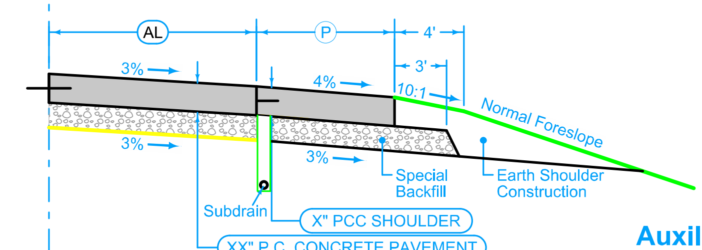
Mainline Jointing:
Transverse joints: CD at 17' spacing

6DP_Dprs_ 10-20-20			
Direction of Travel	BEGIN STATION	END STATION	MW Feet
WB	986+14.53	996+75.56	50
WB	999+12.40	1010+00.24	50
EB	122+50.00	178+69.52	Var.
EB	181+13.60	200+25.00	Var.

Full Depth PCC Shoulder

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

6D_Dprs_P_FullPCC_ 04-20-21		
Direction of Travel	BEGIN STATION	END STATION
WB	986+14.53	996+75.56
WB	999+12.40	1010+00.24
EB	122+50.00	178+69.52
EB	181+13.60	200+25.00



Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

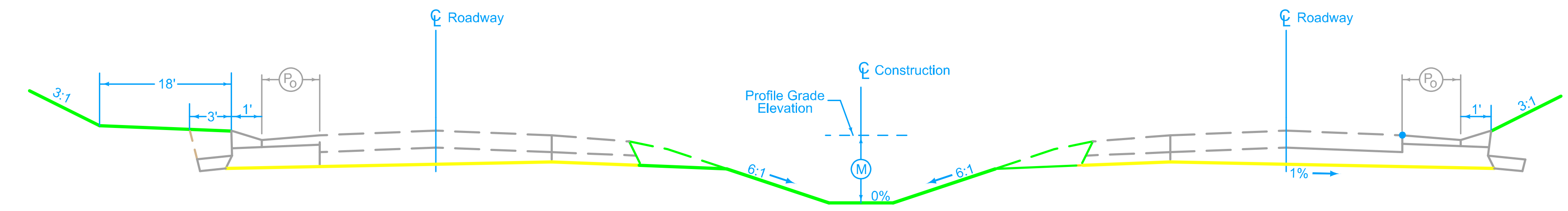
Auxiliary Lane Full Depth Shoulder

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

4_AuxLane_PCC_ 10-18-16				4_AL_Shldr_FullPCC_ 04-21-20
Direction of Travel	BEGIN STATION	END STATION	AL Feet	P Feet
EB	163+75.46	164+80.46	Var.	6
EB	164+80.46	167+95.96	16	6

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

PROJECT I-80 TYPICAL SECTION



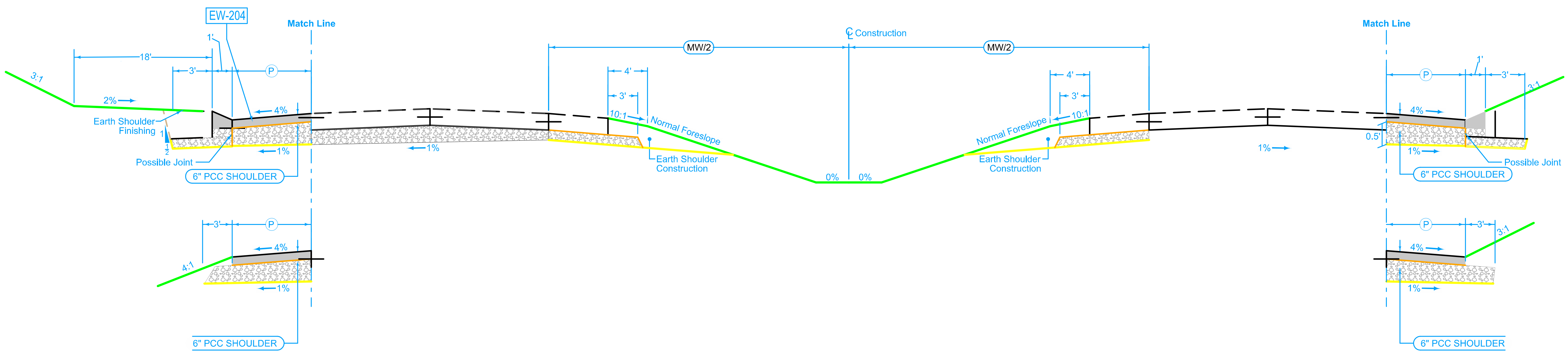
4 LANE GRADING

LOCATION			DIMENSIONS					
ROAD IDENTIFICATION	STATION TO STATION		L Feet	R Feet	X Inches	BW Feet	MW Feet	M Feet
IA-149 NB	827+52.00	831+34.00						
IA-149 SB	2827+00.00	2830+76.09						

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.

1 Refer to project plan and cross sections for specific location of foreslope change.



Partial Depth PCC Shoulder

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

4_P_FullPCC_ 04-20-21			
Direction of Travel	BEGIN STATION	END STATION	P Feet
SB	2827+45.00	2830+26.09	12

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

4DP_ 04-21-20			
Direction of Travel	BEGIN STATION	END STATION	MW Feet
SB	2827+45.00	2830+26.09	VAR

Section shown in the direction of traffic.

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

4DP_ 04-21-20			
Direction of Travel	BEGIN STATION	END STATION	MW Feet
NB	828+02.00	830+84.00	VAR

Partial Depth PCC Shoulder

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

4_P_FullPCC_ 04-20-21			
Direction of Travel	BEGIN STATION	END STATION	P Feet
NB	828+02.00	830+84.00	12

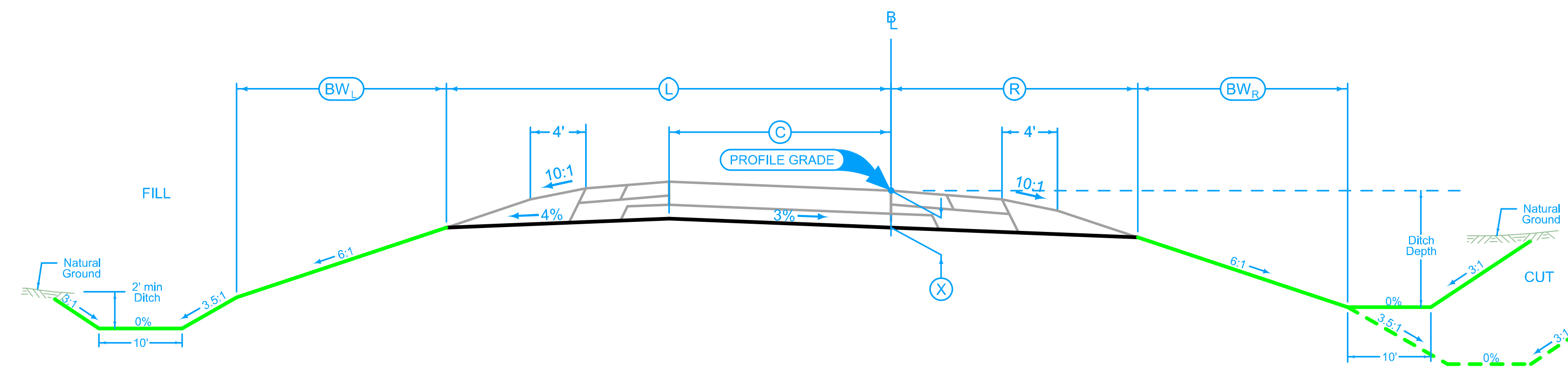
See Tab 100-24 or 100-25 for pavement quantities.

See Tab 112-9 for shoulder quantities.

IA-149 TYPICAL SECTION

LOCATION				DIMENSIONS					
INTERCHANGE	RAMP	STATION TO STATION		L Feet	R Feet	C Feet	X Inches	BW_L Feet	BW_R Feet
I80/IA149	B	1167+95.07	1176+04.93						

G_1R_Grade
04-15-14



Section view is in direction of traffic.

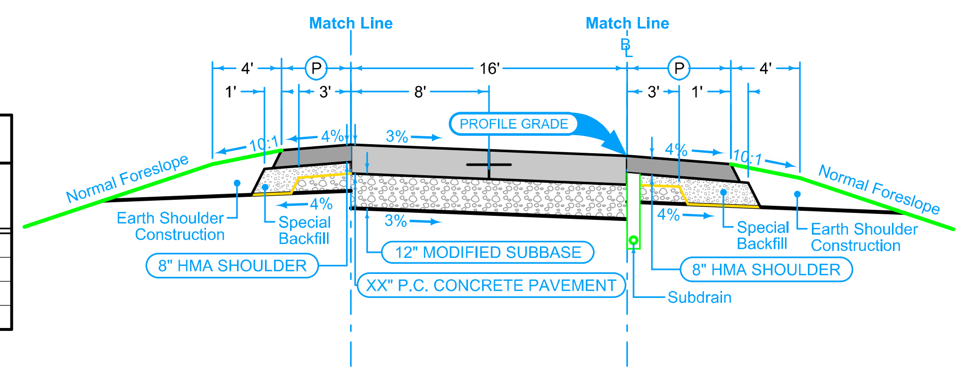
Normal sections shown may be appropriately modified for areas specifically designated by the Engineer such as intersections or superelevated curves.

RAMP GRADING

HMA Shoulder

Shoulder Jointing:
Longitudinal joint: B

1R_P_HMA_ 10-19-10		
BEGIN STATION	END STATION	P Feet
1167+95.07	1176+04.93	4



HMA Shoulder

Shoulder Jointing:
Longitudinal joint: B

1R_P_HMA_ 10-19-10		
BEGIN STATION	END STATION	P Feet
1167+95.07	1176+04.93	6

Section shown in the direction of traffic.

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

1RP_ 04-20-21	
BEGIN STATION	END STATION
1167+95.07	1176+04.93

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

See Tab 112-9 for shoulder quantities.

RAMP B TYPICAL SECTION

SURVEY SYMBOLS

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

UTILITY LEGEND

EL1C, Electric Line TIP Rural Electric Cooperative - Quality C
EL2C, Electric Line City of Williamsburg - Quality C
EL1D, Electric Line TIP Rural Electric Cooperative - Quality D
EL2D, Electric Line City of Williamsburg - Quality D
FO1C, Fiber Optic Line CTC Technology - Quality C
FO2C, Fiber Optic Windstream - Quality C
FO3C, Fiber Optic Mediacom - Quality C
FO4C, Fiber Optic Line Unite Private Networks - Quality C
FO5C, Fiber Optic Line Iowa Communications Network - Quality C
FO1D, Fiber Optic Line CTC Technology - Quality D
FO2D, Fiber Optic Windstream - Quality D
FO4D, Fiber Optic Line Unite Private Networks - Quality D
FO5D, Fiber Optic Line Iowa Communications Network - Quality D
FO6D, Fiber Optic Line Aureon Network Services - Quality D
GL1C, Gas Line Alliant Energy - Quality C
GL1D, Gas Line Alliant Energy - Quality D
SA1C, Sanitary Sewer City of Williamsburg - Quality C
SA1D, Sanitary Sewer City of Williamsburg - Quality D
ST1C, Storm Sewer City of Williamsburg - Quality C
ST1D, Storm Sewer City of Williamsburg - Quality D
WL1C, Water Line Poweshiek Water Association - Quality C
WL2C, Water Line City of Williamsburg - Quality C
WL1D, Water Line Poweshiek Water Association - Quality D
WL2D, Water Line City of Williamsburg - 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.		Transparency
Pink, Dark	(13)	Temporary Pavement Shading	50%
Yellow	(4)	Proposed Pavement Shading	50%
Orange	(6)	Proposed Granular Shading	50%
Orange	(70)	Proposed Shoulder Granular Shading	50%
Yellow	(68)	Proposed Shoulder Paved Full Depth Shading	50%
Yellow	(132)	Proposed Shoulder Paved Partial Depth Shading	50%
Brown, Light	(236)	Grading Shading	50%
Orange, Light	(134)	Proposed Granular Entrance Shading	50%
Yellow	(220)	Proposed Paved Entrance Shading	50%
Tan	(8)	Proposed Sidewalk Shading	50%
Blue, Light	(230)	Proposed Sidewalk Landing Shading	50%
Pink	(11)	Proposed Sidewalk Ramp Shading	50%
Red	(3)	Proposed Structure Shading	50%
Red	(3)	Delineates Restricted Areas	0%

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

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

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

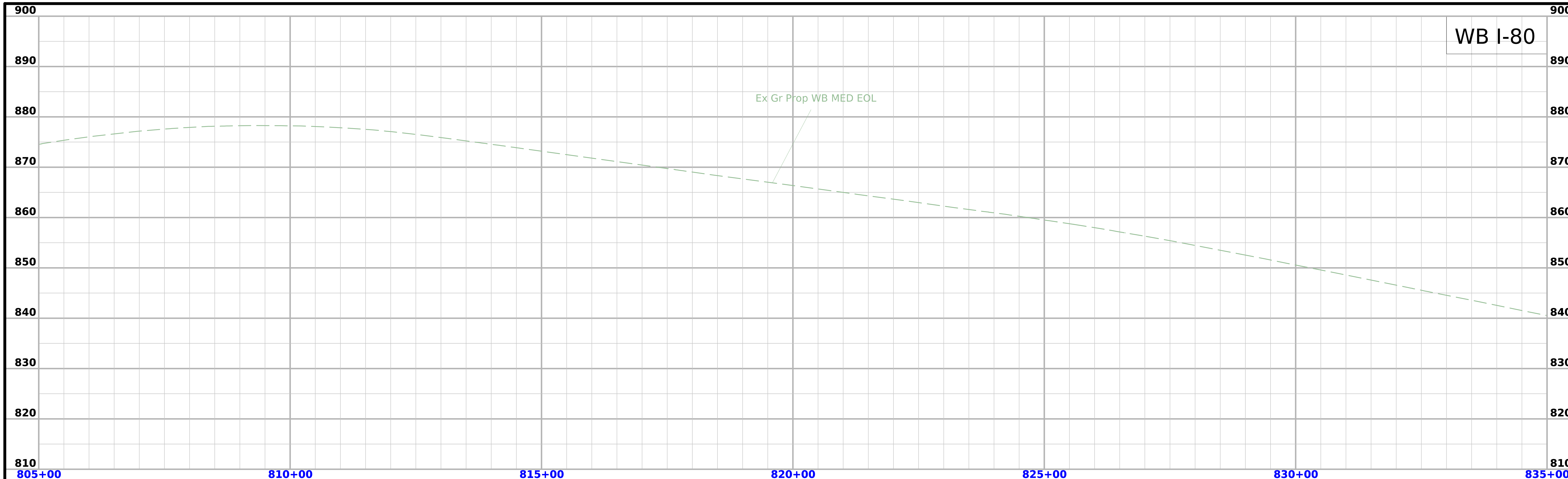
PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

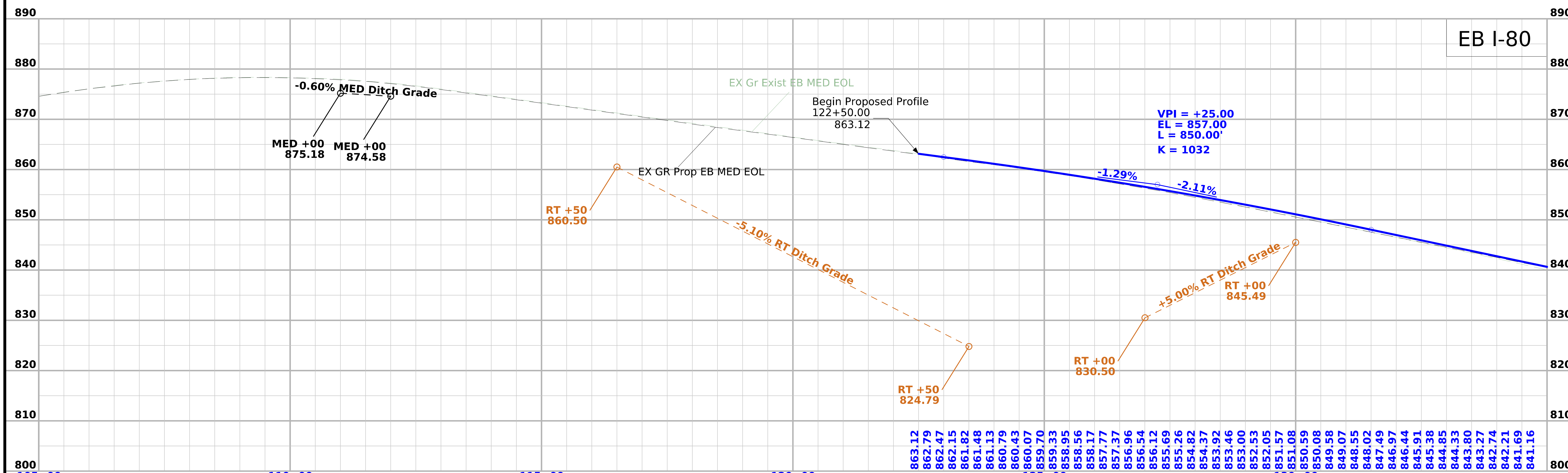
(COVERS SHEET SERIES D, E, F, & K)

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER D.1

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson		IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER D.2

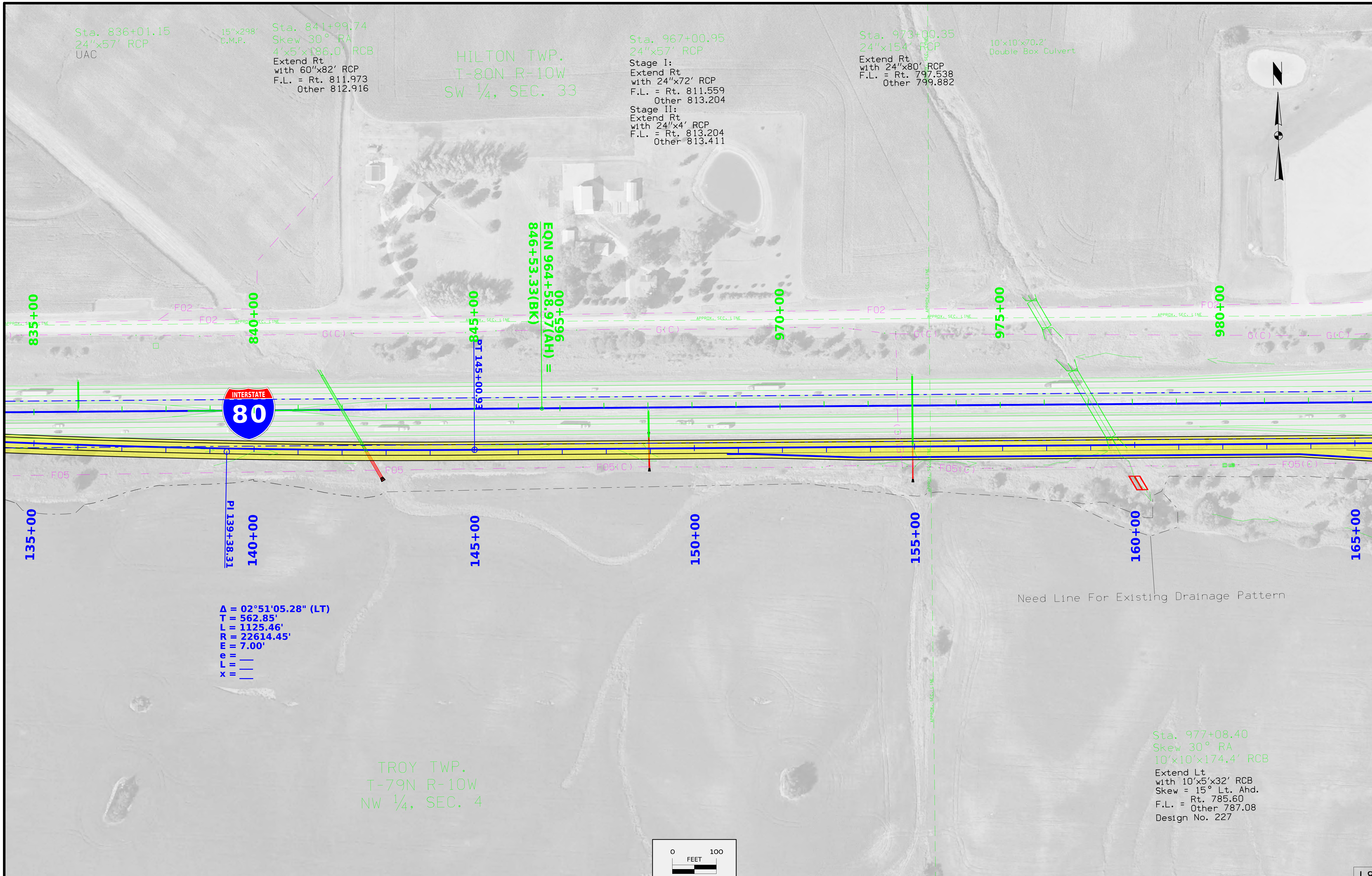
5:14:19 PM 2/12/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_D02.dgn

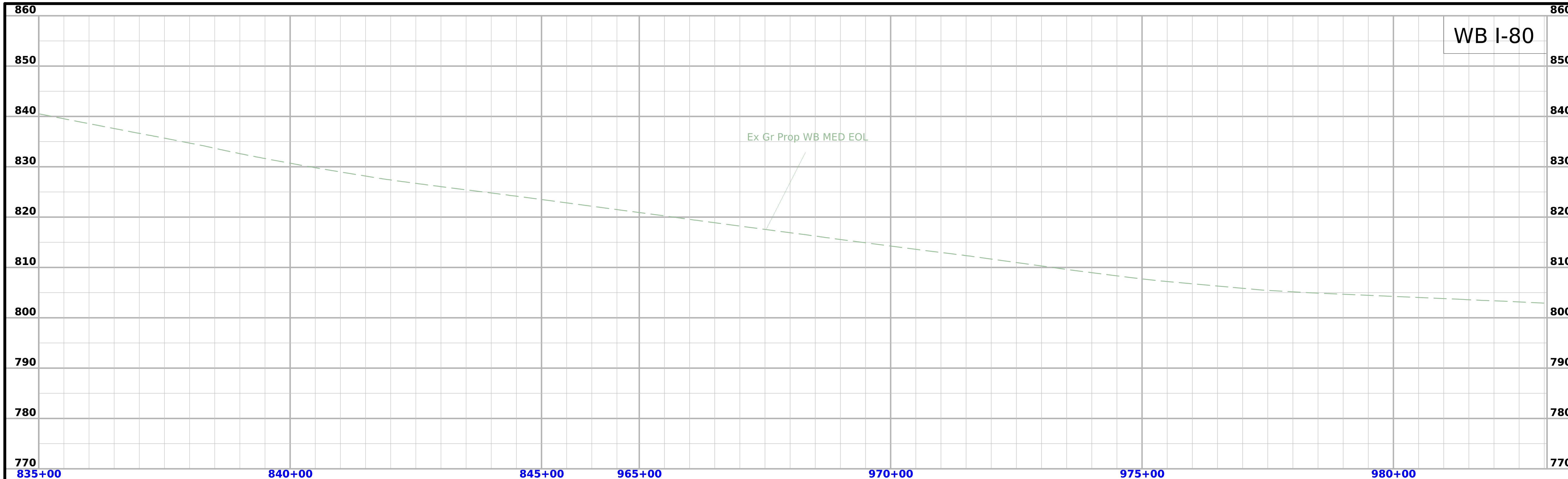


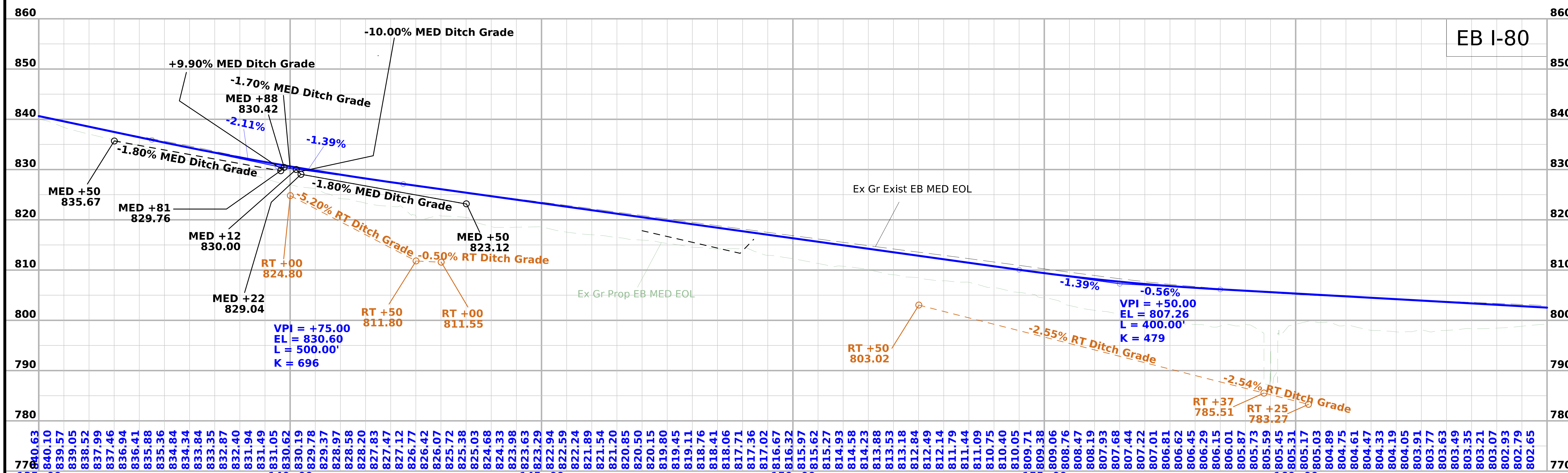


FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER D.3

3:41:06 PM 1/14/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_D02.dgn

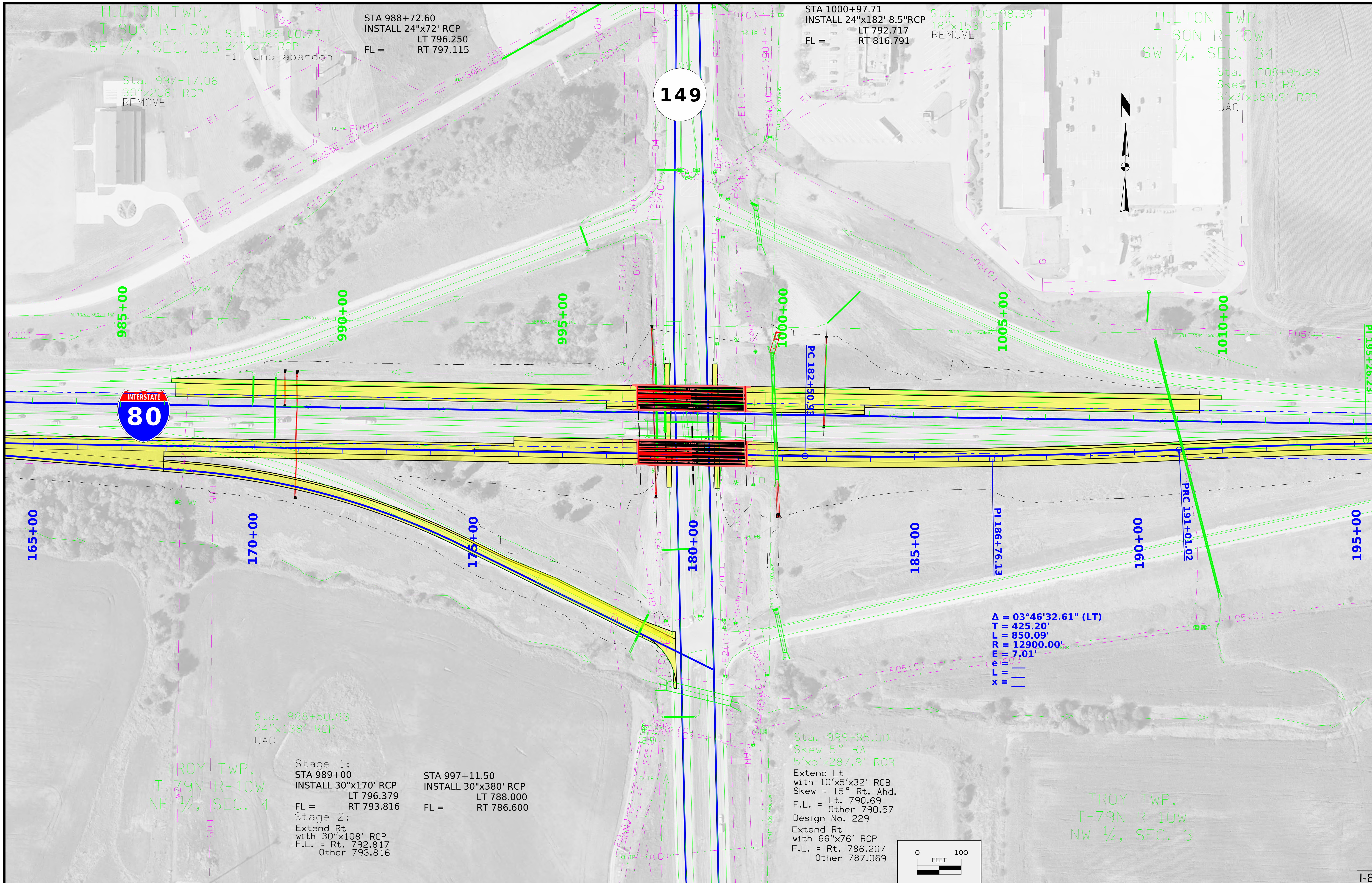

Sta. 836+01.15
24"x57' RCP
UAC
15"x298' C.M.P.
Sta. 841+99.74
Skew 30° RA
4'x5'x186.0' RCB
Extend Rt
with 60"x82' RCP
F.L. = Rt. 811.973
Other 812.916
HILTON TWP.
T-80N R-10W
SW ¼, SEC. 33
Sta. 967+00.95
24"x57' RCP
Stage I:
Extend Rt
with 24"x72' RCP
F.L. = Rt. 811.559
Other 813.204
Stage II:
Extend Rt
with 24"x4' RCP
F.L. = Rt. 813.204
Other 813.411
Sta. 973+00.35
24"x154' RCP
Extend Rt
with 24"x80' RCP
F.L. = Rt. 797.538
Other 799.882
10'x10'x70.2' Double Box Culvert
835+00
840+00
845+00
EQN 964+58.97(AH) = 846+53.33(BK)
970+00
975+00
980+00
PT 145+00.93
INTERSTATE
80
PI 139+38.31
135+00
140+00
145+00
150+00
155+00
160+00
165+00
Need Line For Existing Drainage Pattern
Δ = 02°51'05.28" (LT)
T = 562.85'
L = 1125.46'
R = 22614.45'
E = 7.00'
e = ___
L = ___
x = ___
TROY TWP.
T-79N R-10W
NW ¼, SEC. 4
Sta. 977+08.40
Skew 30° RA
10'x10'x174.4' RCB
Extend Lt
with 10'x5'x32' RCB
Skew = 15° Lt. Ahd.
F.L. = Rt. 785.60
Other 787.08
Design No. 227
0 100
FEET
I-80





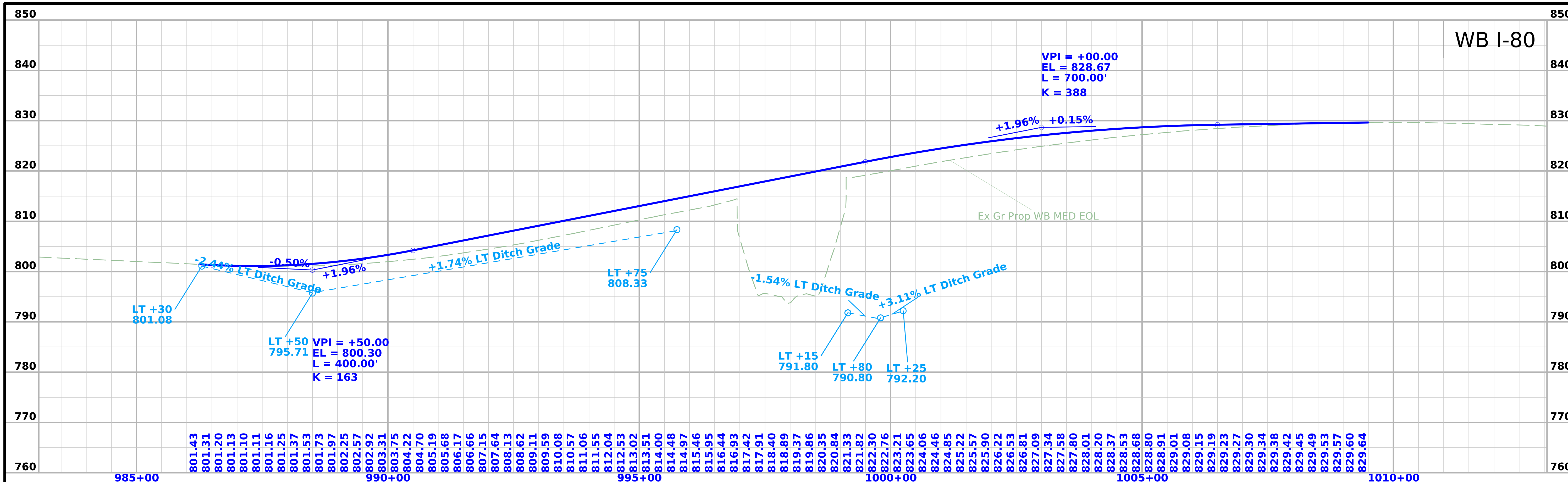
FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER D.5

3:41:07 PM 1/14/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_D02.dgn

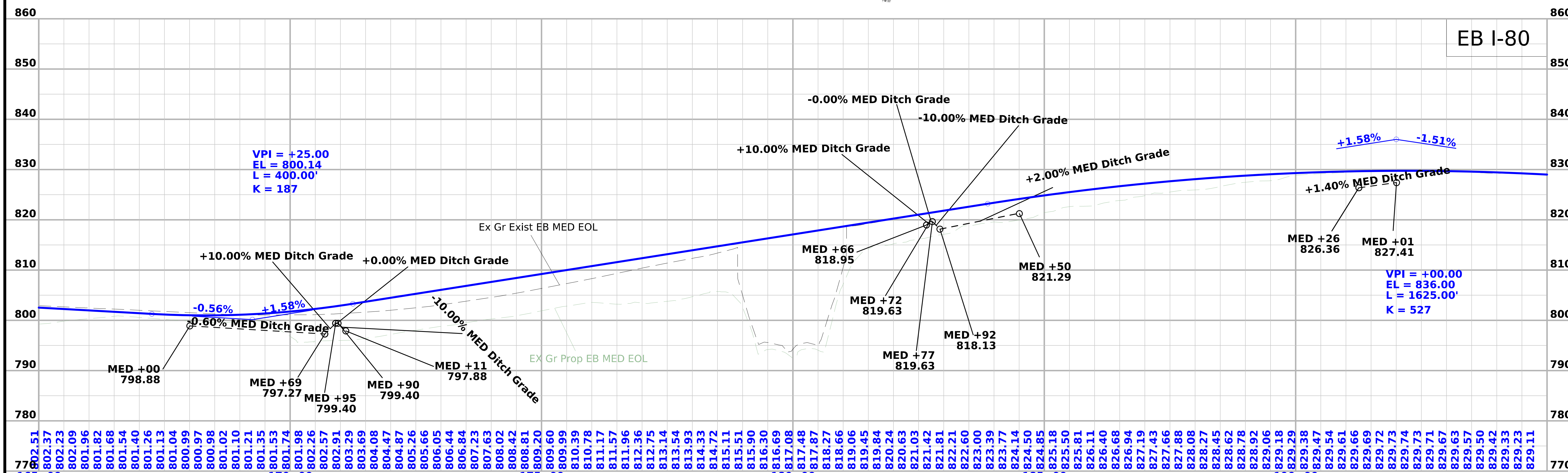


FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson		IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER D.6

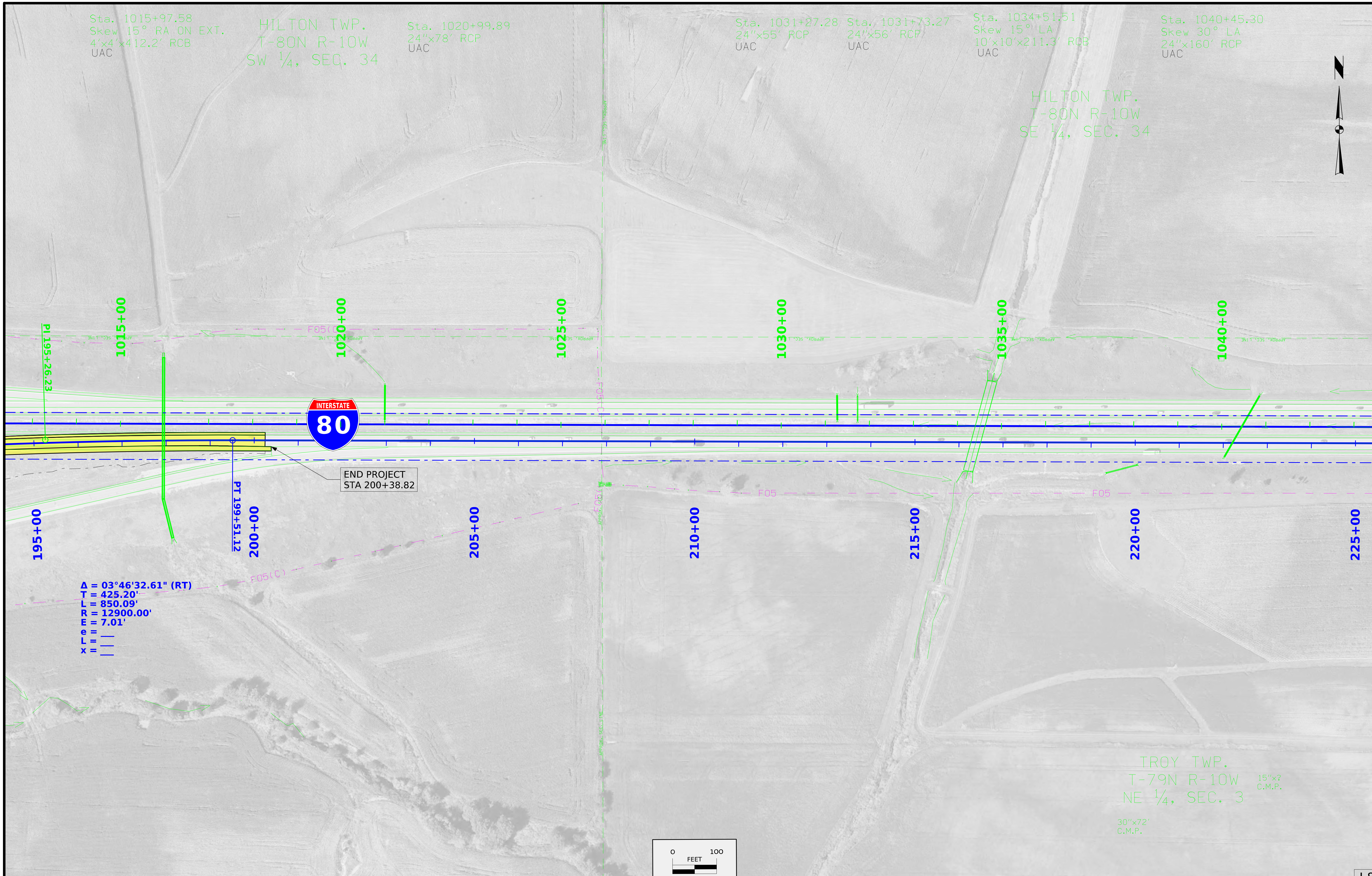
5:14:40 PM 2/12/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_D02.dgn



WB080 - Profile 3

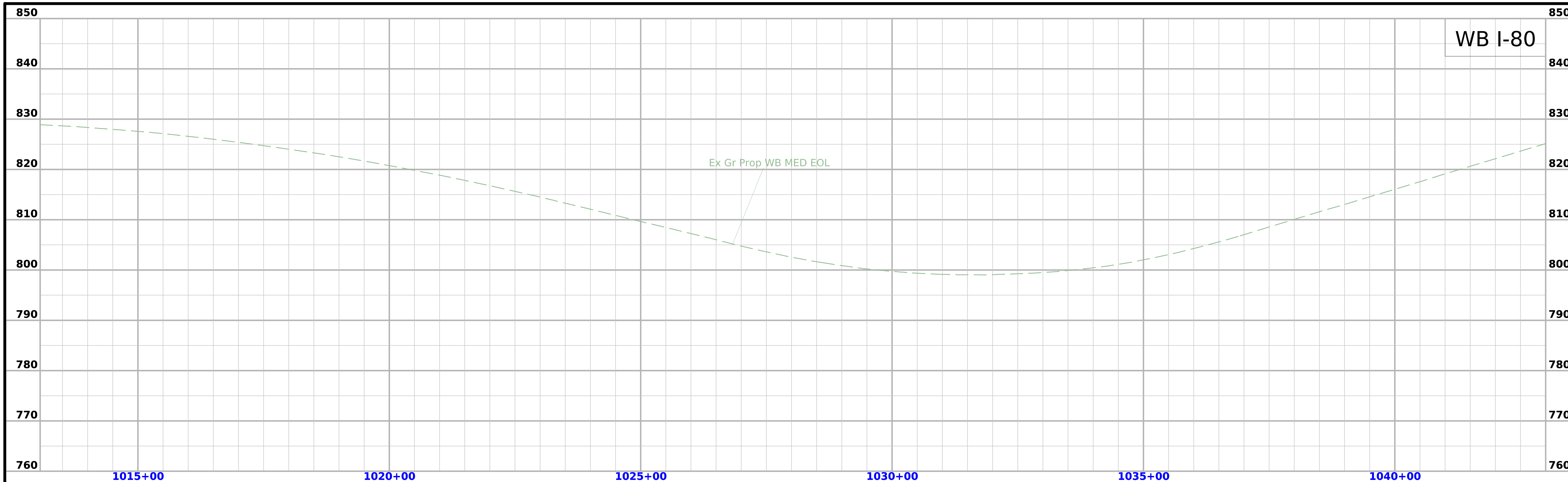


FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER D.7



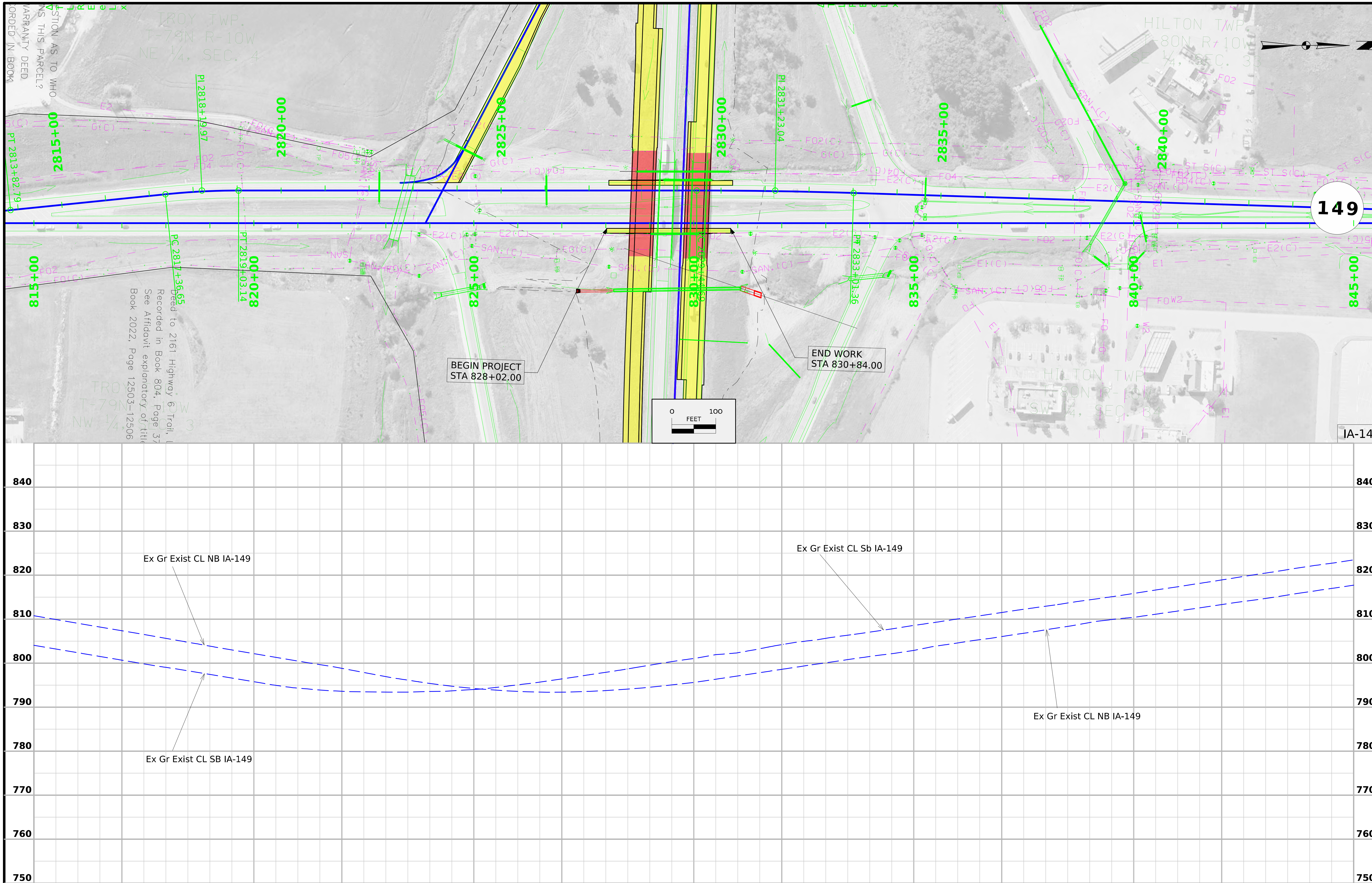
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson		IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER D.8

5:15:09 PM 2/12/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_D02.dgn



FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER D.9

3:41:07 PM 1/14/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_D02.dgn



FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson		IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER E.1

1:58:37 PM 1/7/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_E01.dgn

Plan-1 - SB Profile 1

SURVEY INDEX

Iowa County
PIN 22-48-080-060
Project Number: IMX-080-6(532)219--02-48
Location: I-80 & IA 149 Interchange, Williamsburg, IA
Type of Work: Preliminary Engineering Survey
Project Directory: 4808006022

Survey Personnel

Carson Lay, MO PLS – Survey Crew Chief	Secondary Control, Alignment Survey, Topographic Survey, Utility Survey
Zach Vahle - Survey Tech	Secondary Control, Alignment Survey, Topographic Survey, Utility Survey
Kevin Flood, IA PLS – Project Manager	Topographic Survey

Date(s) of Survey

Field Survey	June 19, 2023 – October 27, 2023

General Information

Survey to support planning and design efforts of Iowa DOT Project IMX-080-6(532)219--02-48 located in Iowa County, Iowa. General project limits are along Interstate 80 approximately 1-1/2 miles East and West of the interchange with IA 149, along IA 149 approximately 1/2 mile North and South of the interchange with Interstate 80, and the interchange ramps. Survey services included control verification, existing alignment establishment, utility survey, partial DTM survey, and photo control establishment.

Utility Information

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

Project Control

The provided primary control was located and verified. The horizontal location for secondary control was established utilizing the Iowa RTN system averaging multiple observations. The vertical location for the secondary control was established using closed circuits with a digital level tied to the primary control, then least-squares adjusted.

PROJECT DATUM: NAD83(2011) EPOCH 2010 (IaRTN 2019 ADJUSTMENT)
COORDINATE SYSTEM: IOWA REGIONAL COORDINATE SYSTEM ZONE 10 (U.S. SURVEY FOOT)
VERTICAL DATUM: NAVD88
GEOID: GEOID18

Alignment Information

The horizontal alignments for this survey is a retracement of I-80 (IM-80-6(175)220—13-48), IA 149 (F-149-2(29)—20-48), IA 149 North Bound lane (I-80-6(13)224—01-48), and IA 149 North Bound lane, IA 149 South Bound Lane, Ramp A, Ramp B, Ramp C, Ramp D (STPN-149-2(62)—2J-48).

I-80 stationing was equated to plan POT Station 808+93.88. I-80 tangent was extended through said POT Station Equation 846+53.33 BK = 964+58.97 AH Measured (846+54.68 BK = 964+60.40 AH Record) to the record tangent distance to POT Station 1088+19.31.

IA 149 North Bound Lane (NBL) was established utilizing the calculated PI Station 998+34.27 (I-80) = Station 829+72.02 (IA 149 NBL) with the record angle from the established I-80 tangent to determine the centerline bearing of IA 149 NBL. No centerline control was recovered (pavement has been overlaid covering record cut "+"). The established alignment fit the field located pavement.

IA 149 South Bound Lane (SBL) was established utilizing the calculated PI Station 997+60.22 (I-80) = Station 2829+12.83 (IA 149 SBL) with the record angle from the established I-80 tangent to determine the centerline bearing of IA 149 SBL. No centerline control was recovered (pavement has been overlaid covering record cut "+"). The established alignment fit the field located pavement.

Ramps A, B, C, D, were re-established per the above referenced plan data. The location of the established ramp alignments fit the field located pavement and available field located station stamps.

Survey stationing relates to asbuilt plan stationing as follows:

POT Station 808+93.88 Plans (P.N. IM-80-6(175)220—13-48) - Found 5/8" rebar

POT Station Equation 846+53.33 BK = 964+58.97 AH Measured (846+54.68 BK = 964+60.40 AH Record) - Found 5/8" rebar 0.06' left of established tangent

POT Station 984+86.95 Measured (984+85.61 Record) Plans (P.N. IM-80-6(175)220—13-48) - Found 5/8" rebar 0.13' left of established tangent

POT Station 1006+95.46 Measured (1006+96.12 Record) Plans (P.N. IM-80-6(175)220—13-48) - Found 5/8" rebar 0.05' right of established tangent

POT Station 1025+93.34 Measured (1025+93.09 Record) Plans (P.N. IM-80-6(175)220—13-48) - Found 5/8" rebar 0.15' left of established tangent

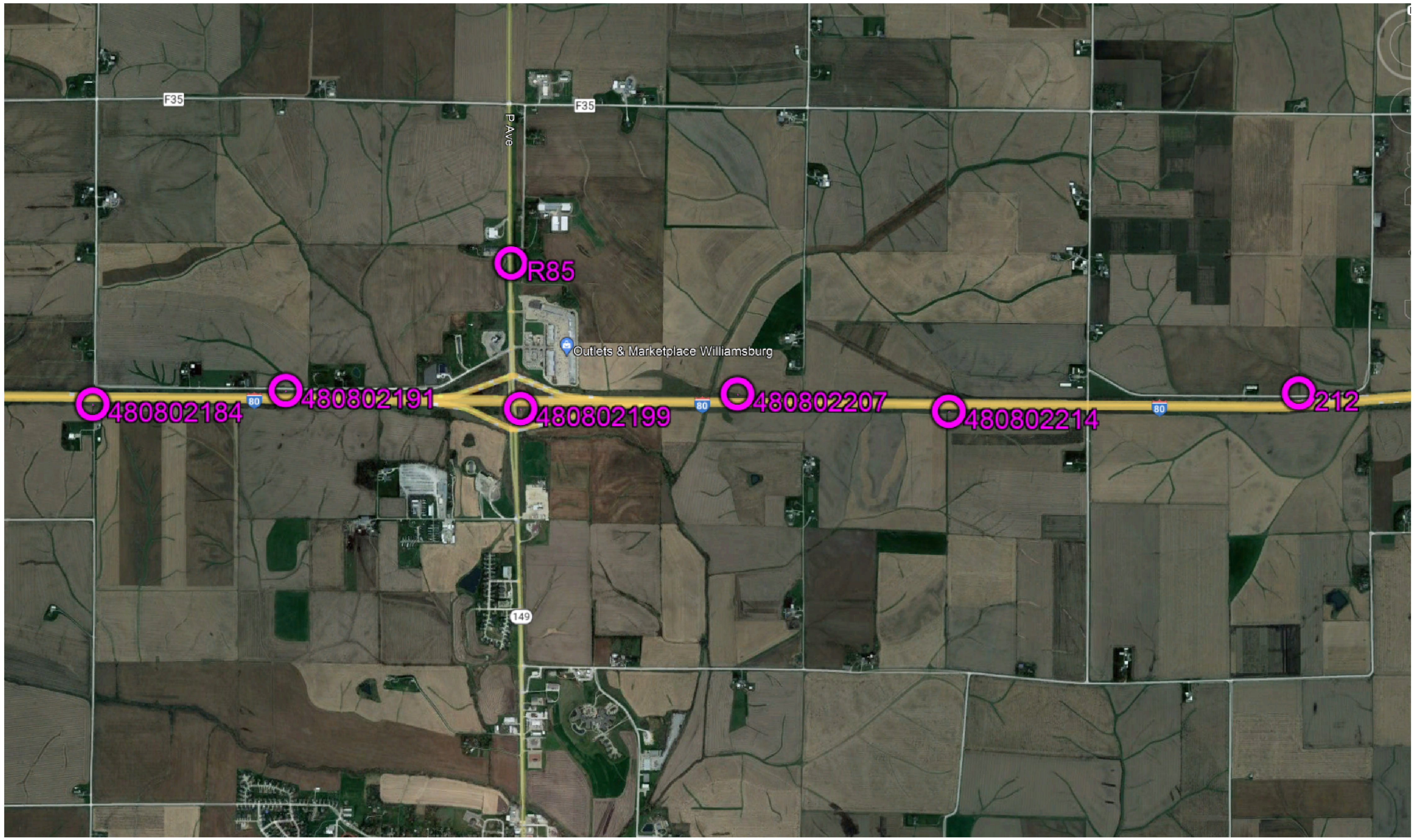
POT Station 1051+93.85 Measured (1051+96.91 Record) Plans (P.N. IM-80-6(175)220—13-48) - Found 5/8" rebar 0.07' left of established tangent

POT Station 1060+38.82 Plans (P.N. IM-80-6(175)220—13-48) - Found 5/8" rebar 0.09' left of established tangent

POT Station 1088+19.31 Plans P.N. (IM-80-6(175)220—13-48) - Found 5/8" rebar

CONTROL POINT VICINITY MAP

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



HORIZ. DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 Adjustment) - Iowa RCS Zone 10 (U.S. Survey Foot)

VERT. DATUM: NAVD88 - Geoid Model: 2018u3

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

HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING

HORIZ. DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 Adjustment)
Ia. Regional Coordinate System Zone 10 (U.S. Survey Foot)

VERT. DATUM: NAVD88
Geoid Model: 2018u3

Point Name	Northing	Easting	Elevation	Feature Code - Description
480802184	7946825.90	20398939.00	867.79	FENO Set 3in Deep South of EBL I-80 near mm218.4
480802191	7947081.93	20402508.25	831.75	FENO Set 4in Deep North of WBL I-80 near mm219.1
480802199	7946750.90	20406881.29	793.01	FENO Set 4in Deep South of EBL I-80 near mm219.9
480802207	7947024.98	20410923.47	806.63	FENO Set 4in Deep North of WBL I-80 near mm220.7
480802214	7946704.14	20414855.51	851.78	FENO Set Flush South of EBL I-80 near mm221.4
212	7947044.22	20421368.00	850.14	CP Found Iowa County GPS Mon. 1999-212
R85	7949446.53	20406710.04	834.02	CP Found NGS BM PID MH0027 Top RCB Hdwl East End

ALIGNMENT COORDINATES

Line No.	Name	Location	Poin on Tangent Station	Point on Tangent Y Northing	Point on Tangent X Easting	Begin Spiral Station	Begin Spiral Y Northing	Begin Spiral X Easting	Begin Curve Station	Begin Curve Y Northing	Begin Curve X Easting	Simple Curve PI or Master PI Station	Simple Curve PI or Master PI Y Northing	Simple Curve PI or Master PI X Easting	End Curve Station	End Curve Y Northing	End Curve X Easting	End Spiral Station	End Spiral Y Northing	End Spiral X Easting
1.0	SURMLA080	A 108819.307	79468+33.69	20415742.53																
1.0	ML080EB	10000.000 R1	79469+24.86	20398729.06																
1.0	SURMLA080	80000	79469+61.86	20398729.34																
1.0	Geom_RAMPB	115075.000 R1	79468+16.63	20403802.93																
1.0	SBIA149							280800.000 R1	79447+95.52	20406822.82	281091.648 R1	79450+87.03	20406813.81	281382.793 R1	79453+76.12	20406775.25				
1.0	SURMLB149NB	80500	79444+30.54	20406834.1																
2.0	SURMLB149NB							85389.037	79493+17.24	20406683.08	85561.55	79494+89.67	20406677.76	85734.037	79496+62.18	20406677.62				
2.0	Geom_RAMPB	115125.000 R1	79468+16.26	20403852.92																
2.0	ML080EB							12250.000 R1	79469+07.91	20400979	12812.848 R1	79469+03.67	20401541.83	13375.465 R1	79468+71.43	20402103.76				
3.0	ML080EB							13375.465 R1	79468+71.43	20402103.76	13938.313 R1	79468+39.20	20402665.68	14500.929 R1	79468+34.96	20403228.51				
3.0	Geom_RAMPB	115375.200 R1	79468+04.37	20404102.84																
3.0	SBIA149							281736.645 R1	79457+26.86	20406728.47	281819.966 R1	79458+09.45	20406717.45	281903.143 R1	79458+92.73	20406714.88				
3.0	SURMLB149NB	86099.997	79500+28.14	20406677.33																
4.0	Geom_RAMPB	116375.200 R1	79467+96.84	20405102.81																
5.0	SBIA149							282944.693 R1	79469+33.79	20406682.7	283123.042 R1	79471+12.05	20406677.2	283301.363 R1	79472+90.40	20406677.24				
5.0	ML080EB							18250.929 R1	79468+06.71	20406978.41	18676.130 R1	79468+03.51	20407403.6	19101.024 R1	79468+28.31	20407828.07				
5.0	Geom_RAMPB							116864.268 R1	79467+60.63	20405590.54	117187.877 R1	79467+36.67	20405913.26	117503.835 R1	79465+95.82	20406204.61				
6.0	ML080EB							19101.024 R1	79468+28.31	20407828.07	19526.225 R1	79468+53.12	20408252.55	19951.119 R1	79468+49.91	20408677.74				
6.0	SBIA149	285500.633 R1	79494+89.67	20406677.75																
6.0	Geom_RAMPB	118138.179 R1	79463+19.72	20406775.72																
7.0	ML080EB	27015.827 R1	79467+96.69	20415742.25																

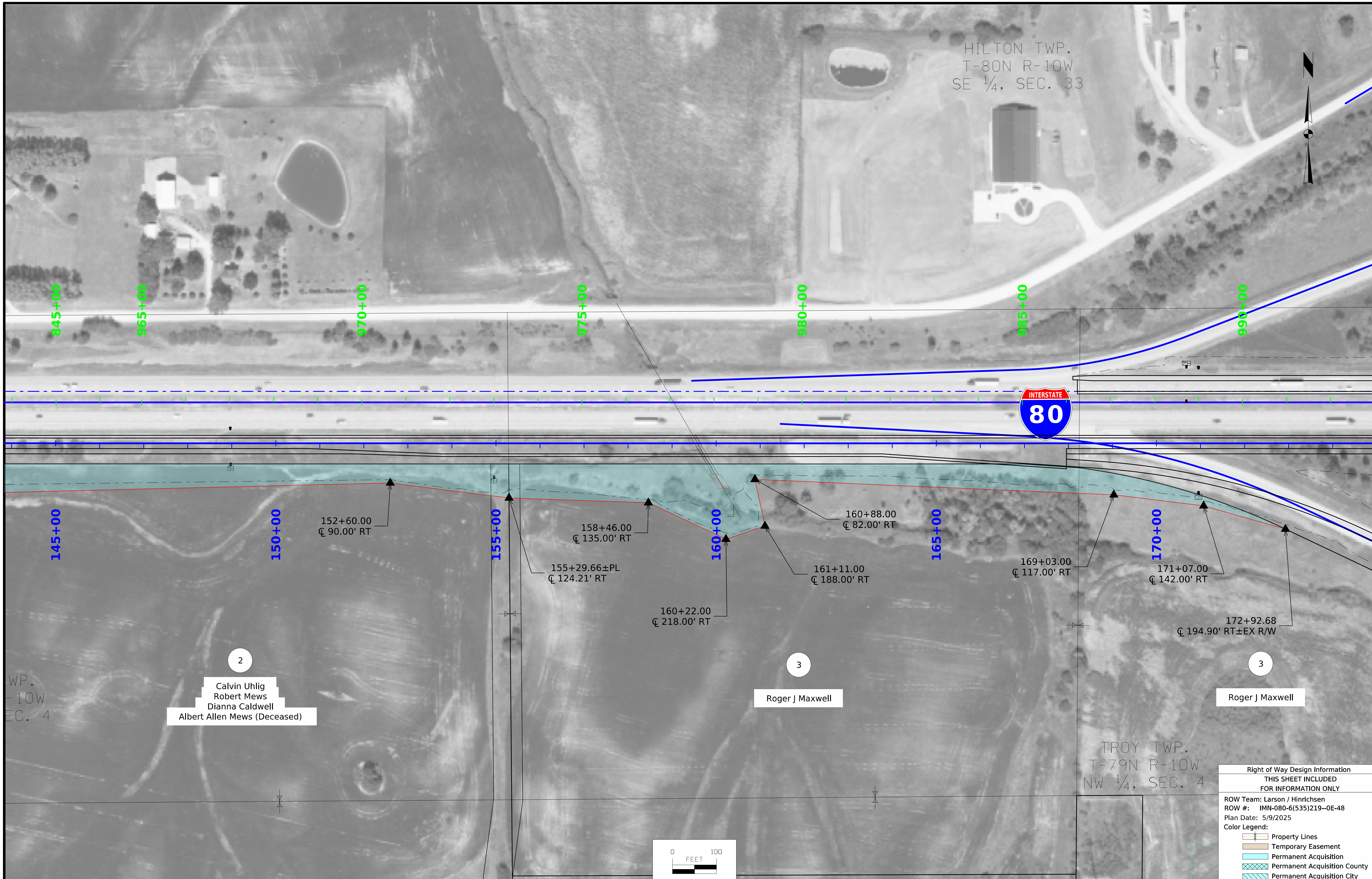
SPIRAL OR CIRCULAR CURVE DATA

Line No.	Name	Location	SCS	S	Ls	Ts	Es	Xc	Yc	L.T.	S.T.	C	T	L	R	E	Remarks
	C2	ML080EB										2.851	562.848	1125.465	22614.446	7.003	
		ML080EB										2.851	562.848	1125.465	22614.446	7.003	
	C3	ML080EB										3.776	425.201	850.095	12900	7.006	
	C4	ML080EB										3.776	425.201	850.095	12900	7.006	
	C1	Geom_RAMPB										21.556	323.61	639.567	1700	30.527	
	C1	SURMLB149NB										1.725	172.513	345	11459.16	1.298	
	C1	SBIA149										5.828	291.648	582.793	5730	7.417	
	C2	SBIA149										5.827	83.321	166.498	1637	2.119	
	C3	SBIA149										1.783	178.349	356.67	11459.26	1.388	

NO ACCESS RIGHTS ARE TO BE ACQUIRED ON THIS PROJECT.

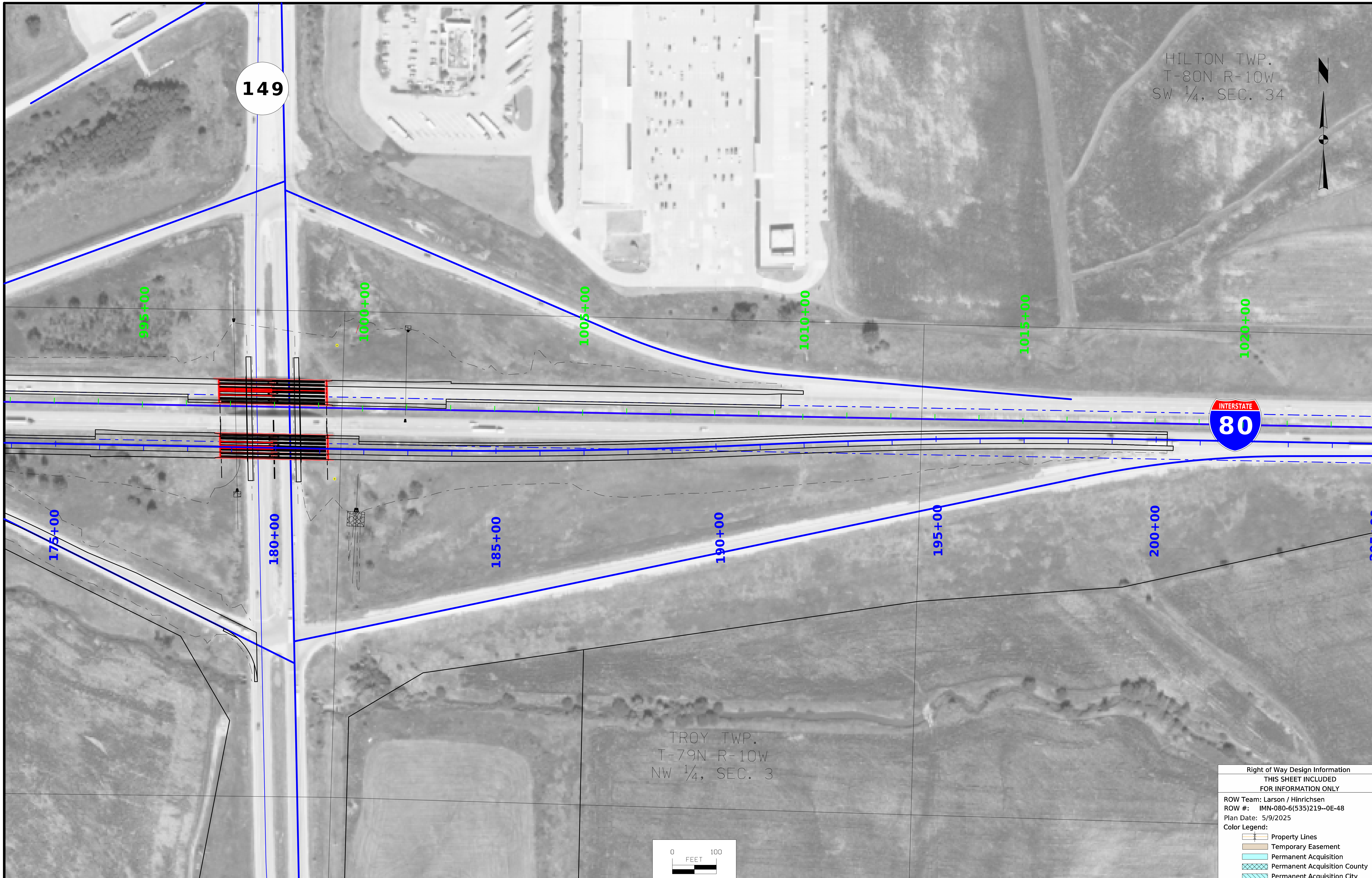
FILE NO.	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER H.1

7:44:12 AM 3/18/2026 thinric pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\ROW\ROW_48080535.dgn



FILE NO.	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER H.2

7:44:25 AM 3/18/2026 thinric pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\ROW\ROW_48080535.dgn



FILE NO.	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson		Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER H.3	

8:43:30 AM 9/3/2025 thinric pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\ROW\ROW_48080535.dgn

CROSS SECTION VIEW COLOR LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

SHADING	Design Color No.	
Green, Light	(225)	Existing Pavement Shading
Gray, Light	(48)	Previously Constructed Pavement Shading
Gray, Med	(80)	Previously Constructed Granular Surface Shading
Blue, Light	(230)	Proposed Pavement Shading
Lavender	(9)	Temporary Pavement Shading
Brown, Med	(237)	Future Proposed Pavement Shading

CROSS SECTION VIEW PATTERN AND SYMBOL LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

Pavement Removal

Proposed Granular Subbase

Proposed Special Backfill

Temporary Barrier Rail

Proposed Granular Shoulder

Temporary Shoulder

Existing Shoulder Strengthening

Permanent Barrier Rail

Channelizing Device

PLAN VIEW COLOR LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

LINEWORK	Design Color No.	
Green	(2)	Existing Topographic Features and Labels
Magenta	(5)	Pavement Marking Call Outs
Blue	(1)	Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Yellow	(4)	Pavement Markings, Yellow
Off White	(254)	Pavement Markings, White
Violet	(15)	Temporary barrier rail, Unpinned
Flush Orange	(228)	Temporary barrier rail, Pinned

SHADING	Design Color No.	
Green, Light	(225)	Existing Pavement Shading
Gray, Light	(48)	Previously Constructed Pavement Shading
Gray, Med	(6)	Proposed Granular Surface Shading
Gray, Med	(80)	Previously Constructed Granular Surface Shading
Blue, Light	(230)	Proposed Pavement Shading
Pink, Dark	(13)	Temporary Pavement Shading
Brown, Light	(236)	Proposed Grading Limits Shading
Cyan	(7)	Proposed MSE or CIP Wall Shading
Red	(3)	Proposed Bridge Shading and Sign Trusses
Black w/Gray, Light Fill	(0,48)	Previously Constructed Structure

PLAN VIEW PATTERN AND SYMBOL LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

Channelizing Device

Drum

Temporary Lane Separator

Tubular Marker

Channelizer Marker

Concrete Barrier Marker

Delineator

Temporary Barrier Rail

Pavement Removal

Sand Barrel Layout

Crash Cushion (Temp or Perm)

Traffic Signal

Flagger

Temporary Floodlighting

Traffic Sign

Type III Barricade

Type A Warning Light

Direction of Traffic

Safety Closure

Lane Identification

NOTE: Device spacing according to Standard Road Plans unless specifically dimensioned.

TRAFFIC CONTROL AND STAGING LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES J)

108_23A
8/15/22

TRAFFIC CONTROL PLAN

Maintain two lanes of traffic on I-80 in each direction throughout the duration of the project. Some short term lane closures may be needed. Allowable lane closures are provided in the plans on the District 6 lane closure map.

Maintain all ramp movements throughout the duration of the project.

Maintain a single lane of traffic on IA-149 in each direction throughout the duration of the project except during bridge demolition and setting beams. Bridge demolition and setting beams will be done overnight. During bridge demolition and setting beams, maintain a single lane of traffic on IA-149 in one direction.

108_26A
8/15/22

STAGING NOTES

YEAR ONE

Stage 1

Traffic: Eastbound I-80 will need to be reduced to a single lane while temporary widening is constructed in the median. Allowable lane closures for I-80 are included in the plans on the District 6 allowable lane closure map.

Construction: Construct temporary median widening along eastbound I-80. Construct temporary widening along existing Ramp B.

Stage 2

Traffic: Eastbound I-80 traffic is shifted onto the temporary widening constructed in Stage 1. Ramp B traffic is maintained on the existing Ramp B pavement. Some closures on IA-149 will be needed for setting beams for the proposed eastbound bridge.

Construction: Construct proposed eastbound I-80 on offset alignment except in the area where Ramp B traffic will be maintained, proposed eastbound bridge, and portion of the pavement along northbound and southbound IA-149.

Stage 3

Traffic: Eastbound I-80 traffic remains shifted onto the temporary widening constructed in Stage 1. Ramp B traffic is maintained on the newly constructed Ramp B pavement.

Construction: Construct remaining proposed eastbound I-80 on offset alignment and continue construction on proposed eastbound bridge.

Stage 4

Traffic: Eastbound I-80 and Ramp B traffic is maintained on the newly constructed pavement.

Construction: Remove temporary widening constructed in Stage 1 and any remaining existing Ramp B pavement.

WINTER SHUTDOWN

YEAR TWO

Stage 5

Traffic: Westbound I-80 will need to be reduced to a single lane while the temporary widening is constructed in the median. Westbound I-80 and/or eastbound I-80 will need to be reduced to a single lane while the maintenance crossover is constructed in the median. Allowable lane closures for I-80 are included in the plans on the District 6 allowable lane closure map.

Construction: Construct maintenance crossover between existing eastbound I-80 and westbound I-80. Construct temporary crossovers and temporary median widening along existing westbound I-80.

Stage 6

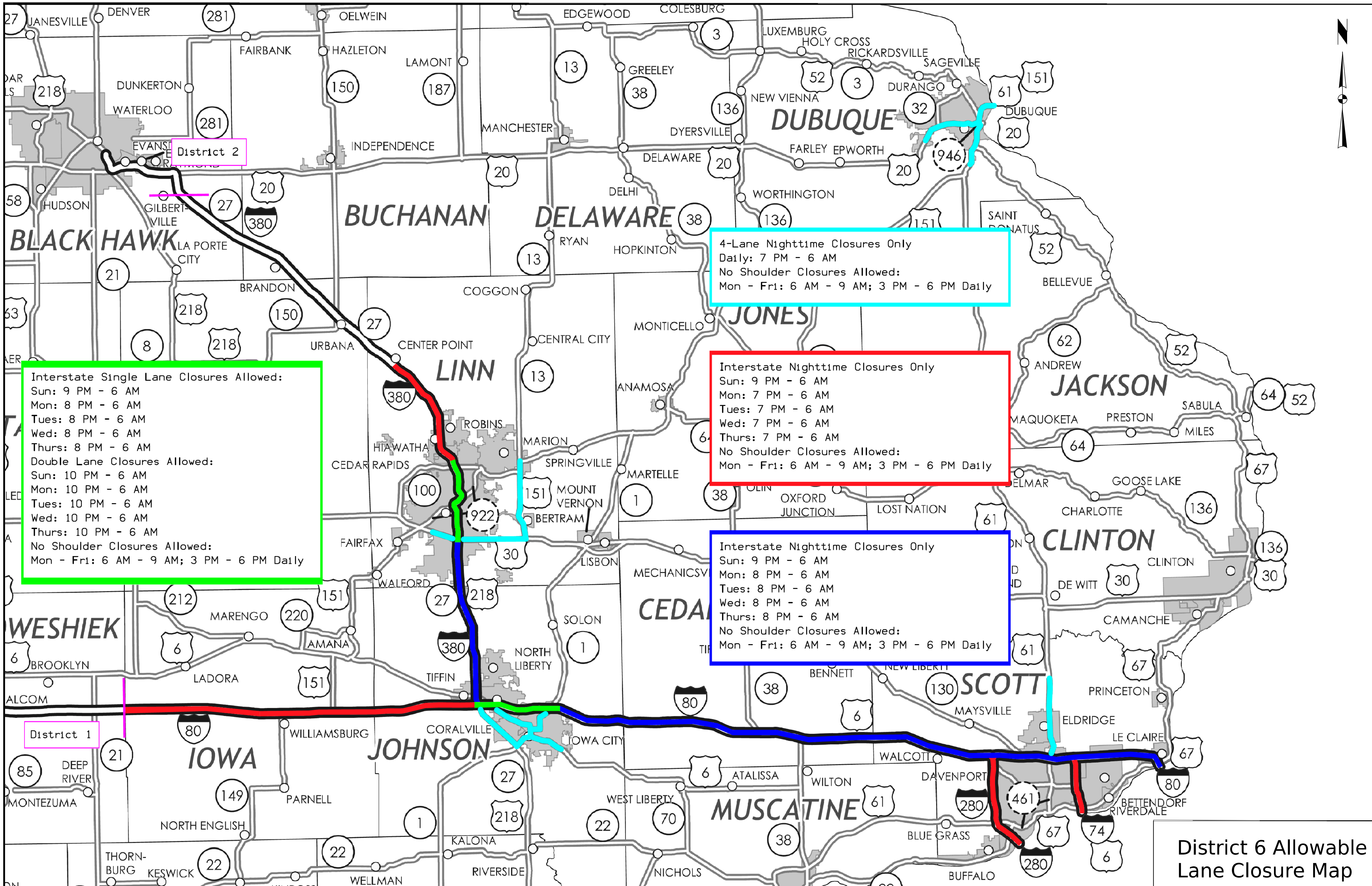
Traffic: Westbound I-80 traffic is shifted onto the existing eastbound lanes. Eastbound I-80 traffic is maintained on the newly constructed eastbound pavement. Some closures on IA-149 will be needed for setting beams for the proposed westbound bridge and for the removal of the existing westbound bridge.

Construction: Construct proposed westbound I-80 pavement, westbound I-80 bridge, and remaining portions of the pavement along northbound and southbound IA-149.

Stage 7

Traffic: Traffic on I-80 is returned to normal operations. Some closures on IA-149 will be needed for the removal of the existing eastbound bridge.

Construction: Remove temporary widening and median crossovers constructed in Stage 5 and the existing eastbound I-80 pavement and existing eastbound I-80 bridge.



District 6 Allowable Lane Closure Map

FILE NO. 98765 | ENGLISH | DESIGN TEAM Iowa DOT | Iowa COUNTY | PROJECT NUMBER IMX-080-6(532)219--02-48 | SHEET NUMBER J.4

8:34:35 AM 6/17/2024 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_J04.dgn


149
80
Stage 1


149
80
Stage 2

Winter Shutdown


149
80
Stage 3


149
80
80
149
Stage 4

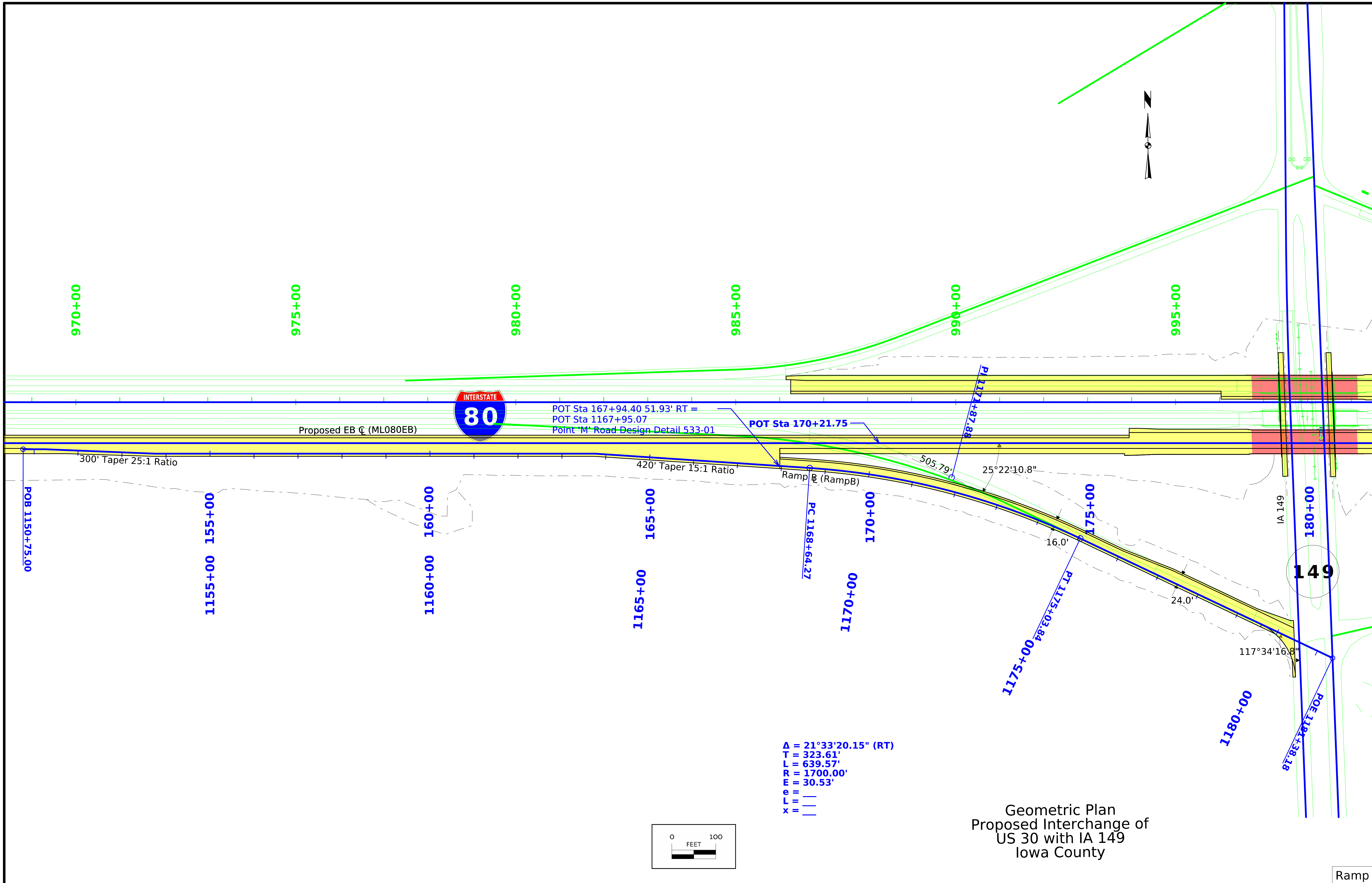
149
80
Stage 5

Winter Shutdown

80
149
149
80
Stage 6


149
80
80
149
Stage 7


80
149
80
149
Stage 8
Substantially Complete

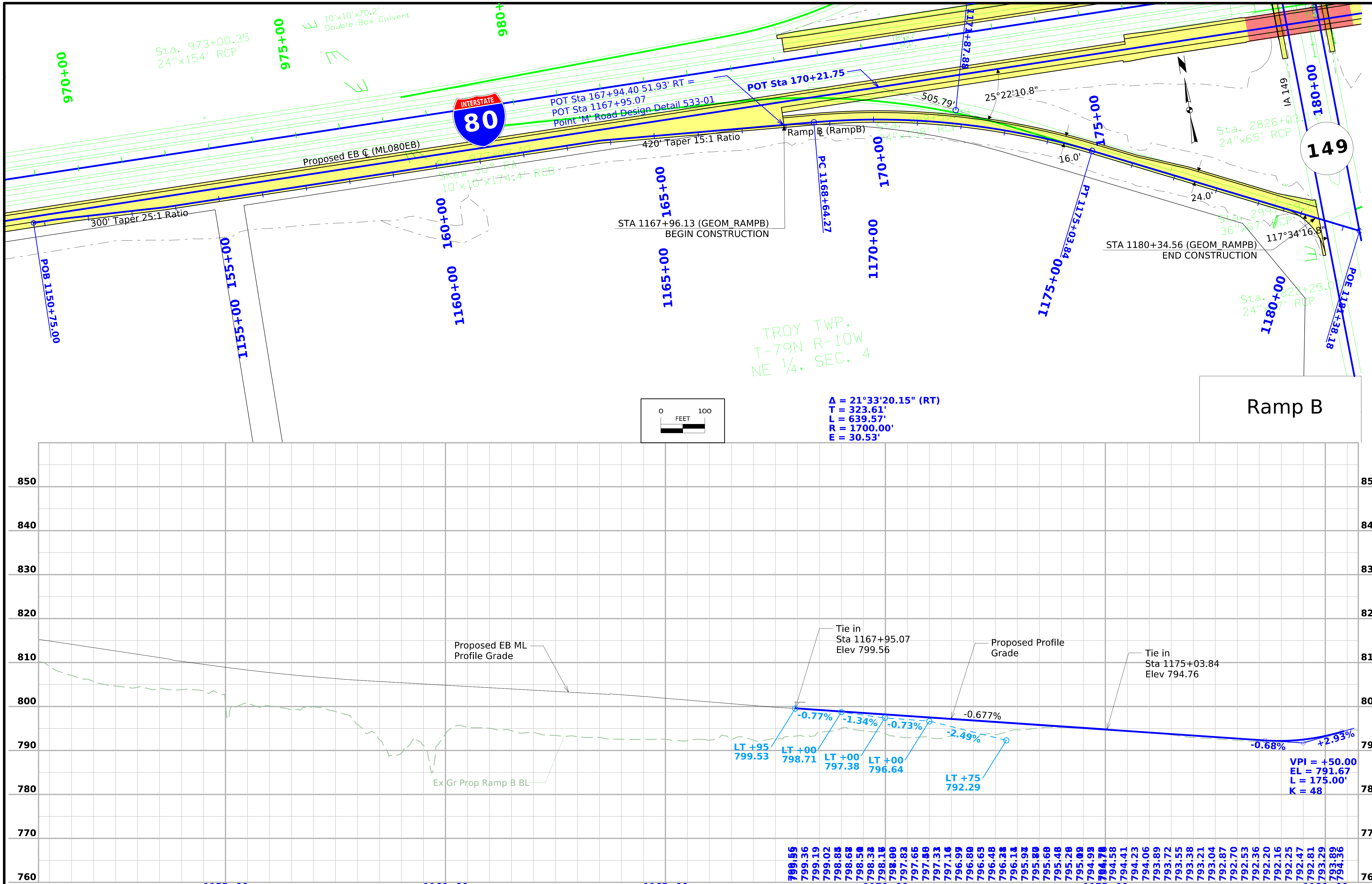


Geometric Plan
Proposed Interchange of
US 30 with IA 149
Iowa County

Ramp B

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER K.1

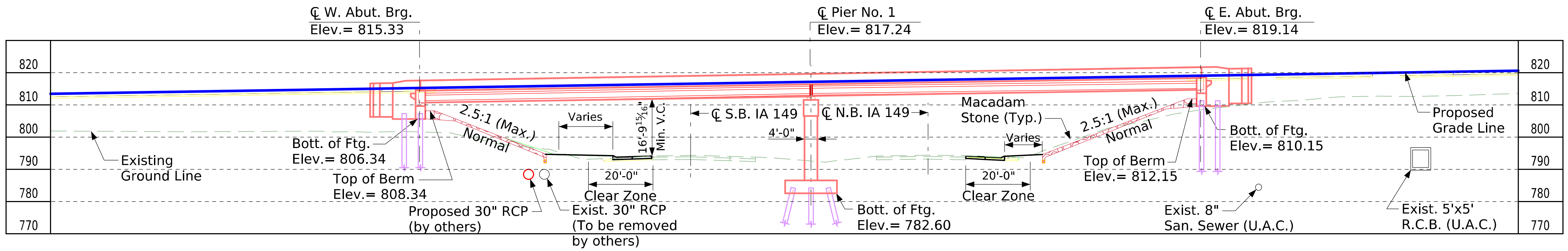
2:18:53 PM 2/17/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_K01.dgn



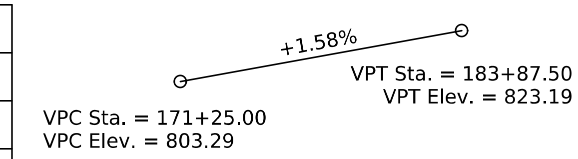
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER K.2

2:19:04 PM 2/17/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_K02.dgn

Benchmark: 480802199, 79466750.90, 20406881.29, 793.01, FENO Set 4 in. deep south of EBL I-80



Longitudinal Section Along ℄ E.B. Approach Roadway



Proposed Profile Grade I-80 EB

Minimum Vertical Clearance

Overhead Station = 179+45.98, Offset 29.35' Lt.
Overhead Elevation = 815.83
Deck Thickness = 8½"
Haunch = 2"
Beam Depth = 3'-9"
Underpass Station = 2829+49.57, Offset 11.96' Lt.
Underpass Elevation = 794.35
Minimum Vertical Clearance = 16'-9 15/16"

Utilities Note:

Utilities shown on this sheet are for information only. See Road Design sheets for utility information.

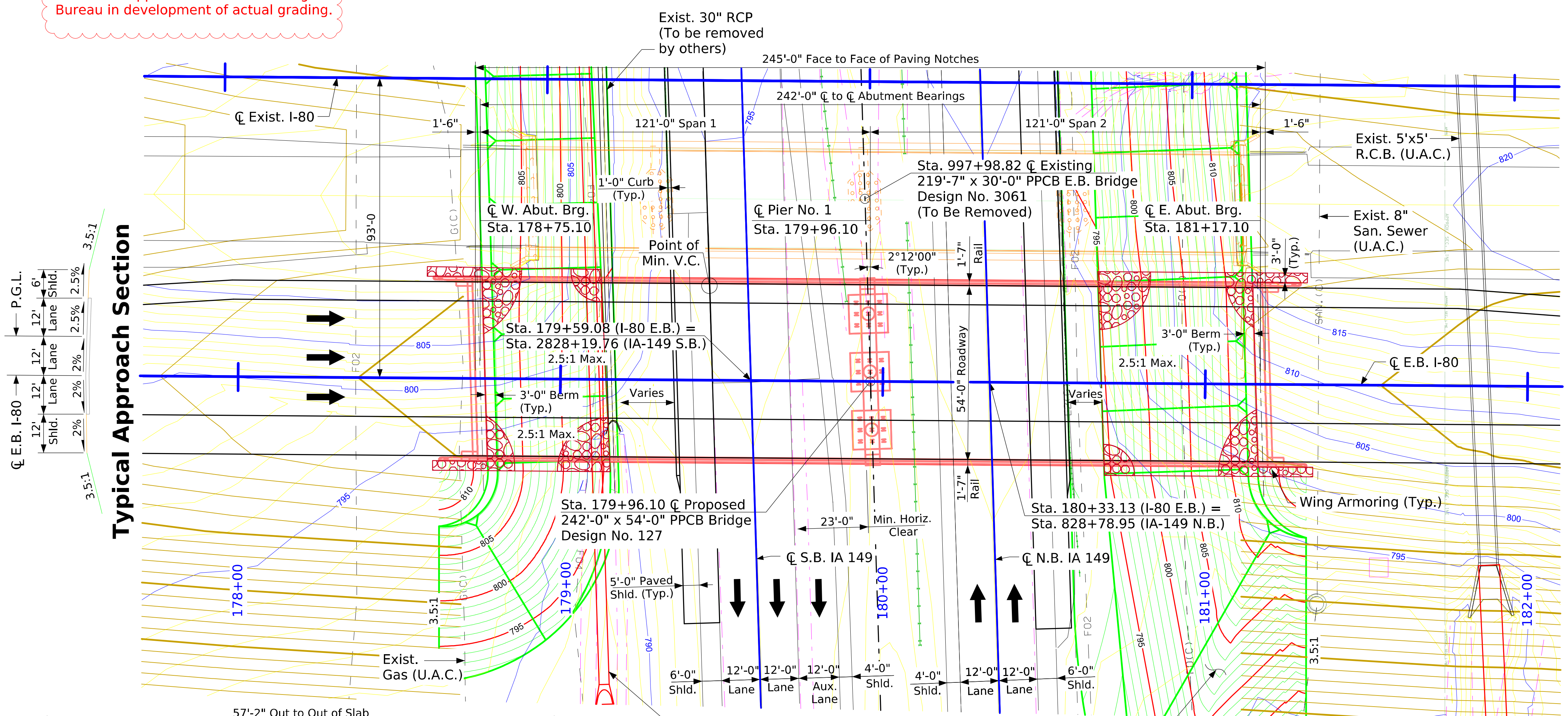
General Utility Symbols:

E - Electric Line
G - Gas Line
SAN. - Sanitary Sewer
T - Telephone Line
W - Water Line
FO - Fiber Optic Line
GHP - Gas High Pressure
ST S - Storm Sewer
TV - TV
Power Poles

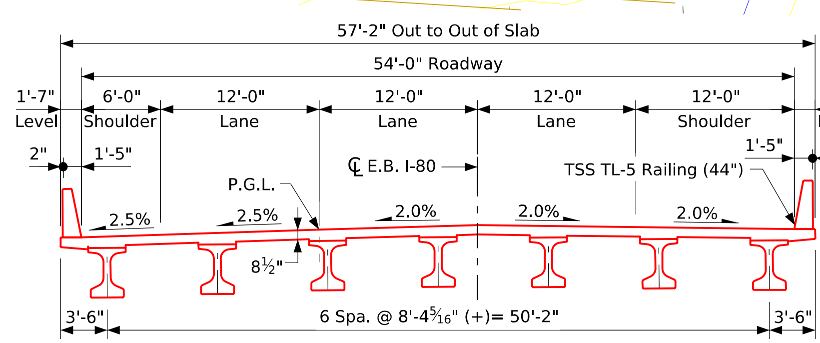
Notes:
1. All units are in feet unless noted otherwise.
2. TSS TL-5 bridge railing is proposed.
3. Pier Type - Multi-column frame pier designed for vehicular collision force.
4. Beam Type - BTC.
5. Abutment Type - Integral Abutment.
6. See Sheet V.2 for overall site plan for I-80 bridge over IA 149.
7. Top of bridge deck at ℄ E.B. approach roadway is 0.21 ft. above the profile grade to account for deck cross slope and parabolic crown.

Designer Notes:
1. Recoverable berm slope using roadway standard EW-204 two span grading.
2. The pier and both abutments are parallel.
3. Abutment slopes and foundation type to be confirmed during final design.
4. Bridge aesthetics to be incorporated during final design.
5. Final proposed pier shape to match aesthetics to be determined during final design.
6. Macadam Stone slope protection preferred by District maintenance staff due to unknown trail construction date.
7. Final design shall consider the need for temporary shoring to accommodate staging of bridge construction.

Roadway side slopes and ditch grading shown are approximate. IA DOT Design Bureau in development of actual grading.



Situation Plan



Proposed Bridge Cross Section

Traffic Estimate

2023 AADT	TBD V.P.D.
2043 AADT	TBD V.P.D.
2043 DHV	TBD V.P.H.
TRUCKS	TBD %
Total Design ESALs	TBD

Location

Interstate 80 E.B. over IA 149
T-79N R-10W
Section 4
Troy Township
Iowa County
FHWA No. 29851
Latitude 41.687033°
Longitude -92.008553°

Preliminary

Design For 2 Degrees R.A.

242'-0" x 54'-0" Pretensioned Prestressed Concrete Beam Bridge

121'-0" End Spans

Situation Plan

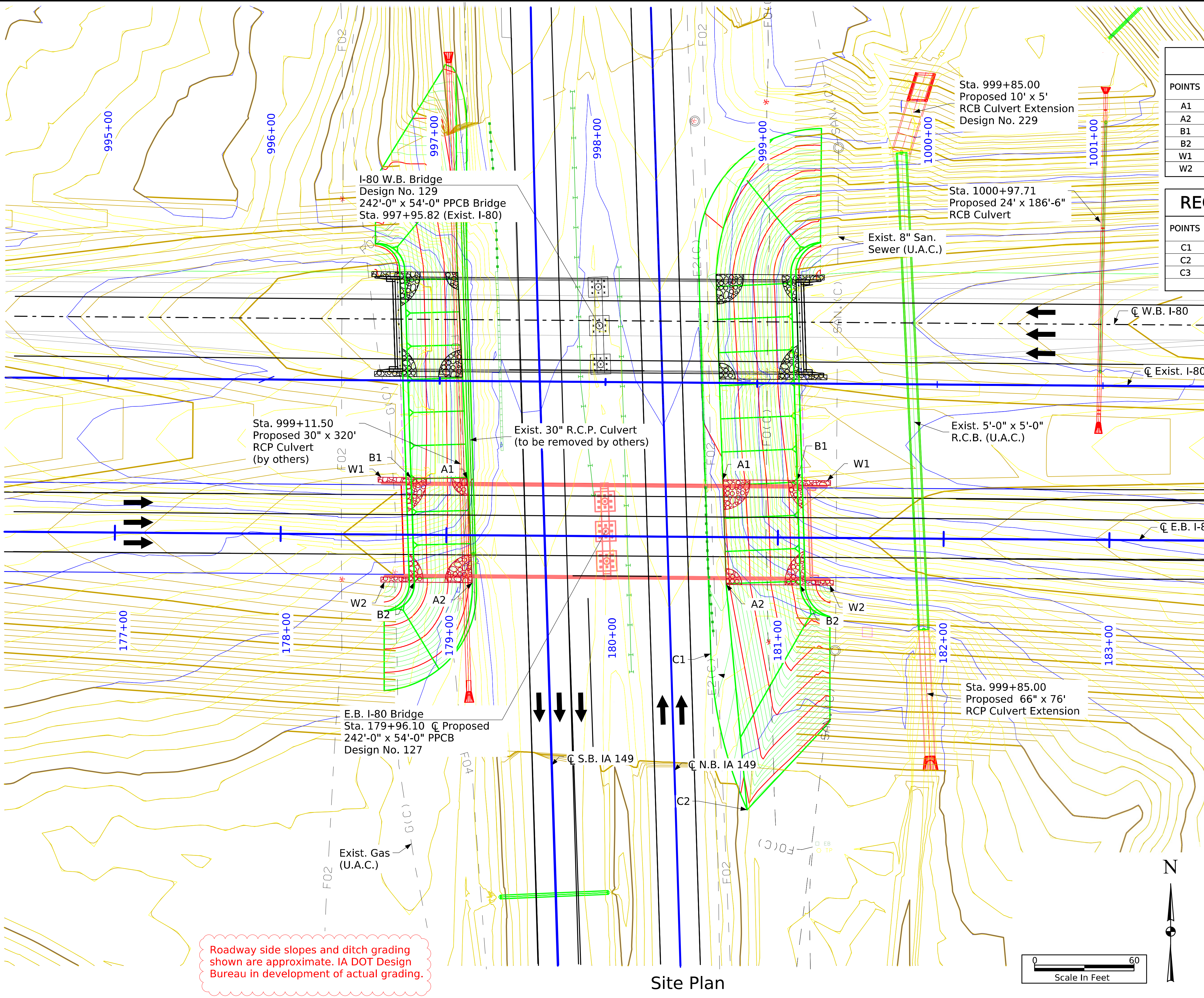
STA. 179+96.10 (EB I-80)
Turn-In Date: October 18, 2024

Iowa County

IOWA DEPARTMENT OF TRANSPORTATION

Design No. 127 | Design Sheet No. 1 of 2 | FHWA No. 29851

Benchmark: 480802199, 79466750.90, 20406881.29, 793.01,
FENO Set 4 in. deep south of EBL I-80



Site Plan

BERM SLOPE LOCATION TABLE

POINTS	WEST ABUTMENT			EAST ABUTMENT		
	STATION	OFFSET	ELEV.	STATION	OFFSET	ELEV.
A1	179+12.26	34.58 Lt.	795.07	180+66.38	34.58 Lt.	794.87
A2	179+15.65	28.58 Rt.	794.17	180+68.96	28.58 Rt.	794.23
B1	178+78.28	34.58 Lt.	808.34	181+11.27	34.58 Lt.	812.15
B2	178+80.70	28.58 Rt.	808.34	181+13.70	28.58 Rt.	812.15
W1	178+60.45	34.58 Lt.	814.28	181+29.45	34.58 Lt.	818.52
W2	178+62.52	28.58 Rt.	814.52	181+31.52	28.58 Rt.	818.76

RECOVERABLE BERM LOCATION TABLE

POINTS	WEST ABUTMENT			EAST ABUTMENT		
	STATION	OFFSET	ELEV.	STATION	OFFSET	ELEV.
C1	-	-	-	181+59.92	70.40 Rt.	793.64
C2	-	-	-	180+82.60	164.40 Rt.	789.25
C3	-	-	-	180+61.19	259.10 Rt.	773.49

Berm slope elevations reflect the grading surface.

Point C3 for the abutment is beyond the limits of this sheet. See the recoverable berm location table for C3 location, offset, and elevation.

Notes:
All units are in feet unless noted otherwise.
See Sheet V.1 for detailed plans of I-80 bridge over IA 149.

Notes to Designer:
Recoverable berm slope using roadway standard EW-204 two span grading.

Preliminary

Design For 2 Degrees R.A.

242'-0" x 54'-0" Pretensioned Prestressed Concrete Beam Bridge

121'-0" End Spans

Site Plan

STA. 179+96.10 (EB I-80)

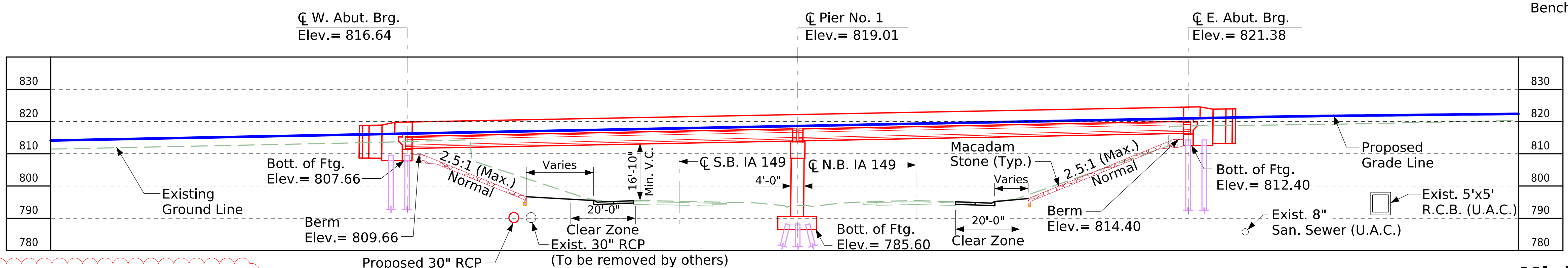
Turn-In Date: October 18, 2024

Iowa County

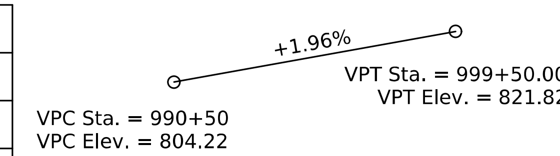
IOWA DEPARTMENT OF TRANSPORTATION

Design No. 127 | Design Sheet No. 2 of 2 | FHWA No. 29851

Benchmark: 480802199, 79466750.90, 20406881.29, 793.01, FENO Set 4 in. deep south of EBL I-80



Longitudinal Section Along ℄ W.B. Approach Roadway



Proposed Profile Grade I-80 WB

Minimum Vertical Clearance

Overhead Station = 997+46.27, Offset 60.33' Lt.
Overhead Elevation = 817.63
Deck Thickness = 8½"
Haunch = 2"
Beam Depth = 3'-9"
Underpass Station = 2829+73.62, Offset 11.65' Lt.
Underpass Elevation = 796.177
Minimum Vertical Clearance = 16'-10"

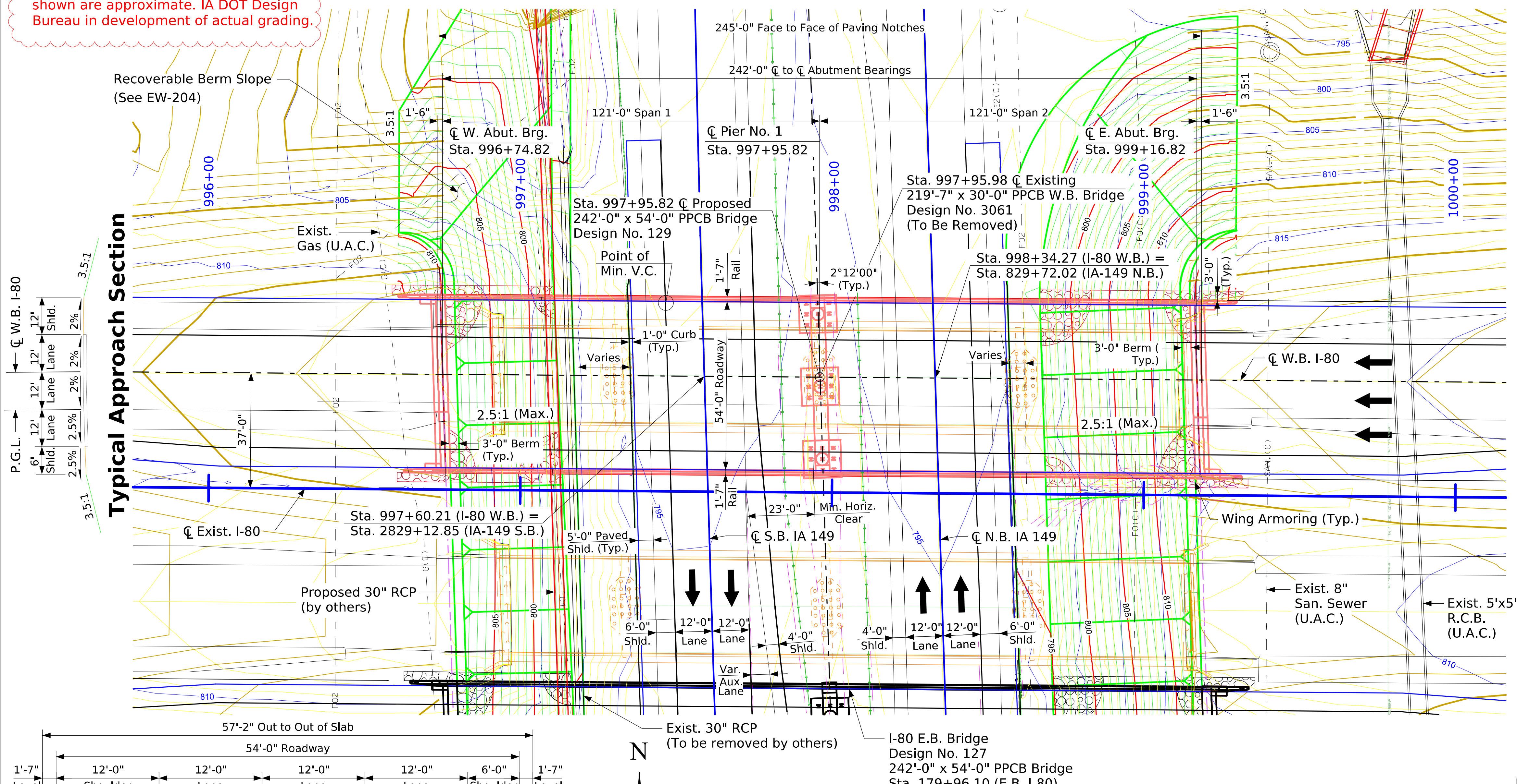
Utilities Note:

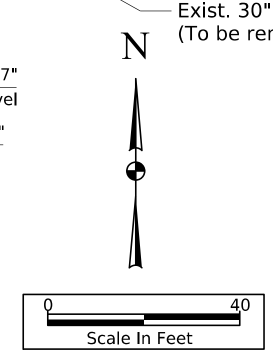
Utilities shown on this sheet are for information only.
See Road Design sheets for utility information.

General Utility Symbols:

E - Electric Line
G - Gas Line
SAN. - Sanitary Sewer
T - Telephone Line
W - Water Line
FO - Fiber Optic Line
GHP - Gas High Pressure
ST S - Storm Sewer
TV - TV
- Power Poles

Roadway side slopes and ditch grading shown are approximate. IA DOT Design Bureau in development of actual grading.

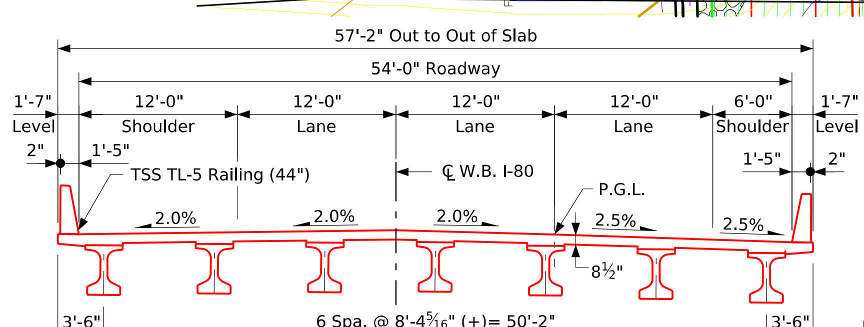




Situation Plan

Notes:
1. All units are in feet unless noted otherwise.
2. TSS TL-5 bridge railing is proposed.
3. Pier Type - Multi-column frame pier designed for vehicular collision force.
4. Beam Type - BTC.
5. Abutment Type - Integral Abutment.
6. See Sheet V.2 for overall site plan for I-80 bridge over IA 149.
7. Top of bridge deck at ℄ W.B. approach roadway is 0.21 ft. above the profile grade to account for deck cross slope and parabolic crown.

Designer Notes:
1. Final designer to consider drilled shaft foundations at pier due to potential conflicts with existing timber piles.
2. Recoverable berm slope using roadway standard EW-204 two span grading.
3. The pier and both abutments are parallel.
4. Abutment slopes and foundation type to be confirmed during final design.
5. Bridge aesthetics to be incorporated during final design.
6. Final proposed pier shape to match aesthetics to be determined during final design.
7. Macadam Stone slope protection preferred by District maintenance staff due to unknown trail construction date.
8. Final design shall consider the need for temporary shoring to accommodate staging of bridge construction.



Proposed Bridge Cross Section

Traffic Estimate

2023 AADT	TBD V.P.D.
2043 AADT	TBD V.P.D.
2043 DHV	TBD V.P.H.
TRUCKS	TBD %
Total Design ESALs	TBD

Location

Interstate 80 W.B. over IA 149
T-79N R-10W
Section 4
Troy Township
Iowa County
FHWA No. 29861
Latitude 41.687237°
Longitude -92.007796°

Preliminary

Design For 2 Degrees R.A.

242'-0" x 54'-0" Pretensioned Prestressed Concrete Beam Bridge

121'-0" End Spans

Situation Plan

STA. 997+95.82 (WB I-80)

Turn-In Date: October 18, 2024

Iowa County

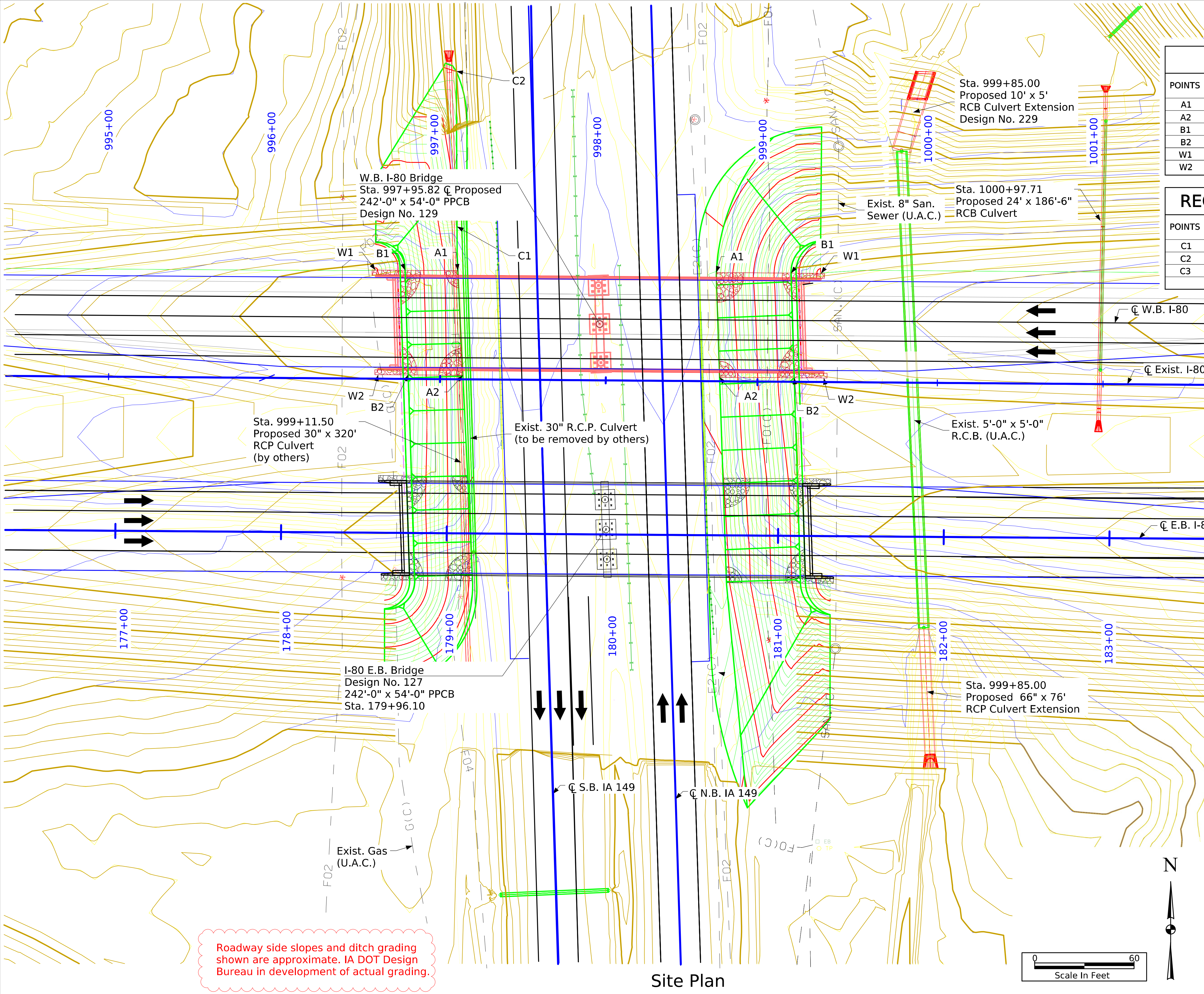
IOWA DEPARTMENT OF TRANSPORTATION

Design No. 129 | Design Sheet No. 1 of 2 | FHWA No. 29861

FILE NO. 32606	ENGLISH	DESIGN TEAM Veenstra & Kimm, Inc.	Iowa COUNTY	PROJECT NUMBER IMX-080-6(534)220--02-48	SHEET NUMBER V.2

1:43:14 PM 11/22/2024 smessler pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\4808006022\Bridge\(534)_Bridge-Unspecified\SHT_48080534_VK_129_29861_Z10.dgn

Benchmark: 480802199, 79466750.90, 20406881.29, 793.01,
FENO Set 4 in. deep south of EBL I-80



BERM SLOPE LOCATION TABLE

POINTS	WEST ABUTMENT			EAST ABUTMENT		
	STATION	OFFSET	ELEV.	STATION	OFFSET	ELEV.
A1	997+10.17	65.58 Lt.	796.79	998+66.11	65.58 Lt.	796.03
A2	997+13.62	2.42 Lt.	795.92	998+68.63	2.42 Lt.	795.47
B1	996+78.29	65.58 Lt.	809.66	999+11.22	65.58 Lt.	814.40
B2	996+80.65	2.42 Lt.	809.66	999+13.64	2.42 Lt.	814.40
W1	996+60.40	65.58 Lt.	815.77	999+29.40	65.58 Lt.	821.03
W2	996+62.47	2.42 Lt.	815.60	999+31.47	2.42 Lt.	821.86

RECOVERABLE BERM LOCATION TABLE

POINTS	WEST ABUTMENT			EAST ABUTMENT		
	STATION	OFFSET	ELEV.	STATION	OFFSET	ELEV.
C1	997+09.43	92.21 Lt.	795.86	-	-	-
C2	997+08.34	185.95 Lt.	790.00	-	-	-
C3	997+34.72	287.53 Lt.	798.91	-	-	-

Berm slope elevations reflect the grading surface.

Point C3 for the abutment is beyond the limits of this sheet. See the recoverable berm location table for C3 location, offset, and elevation.

Notes:
All units are in feet unless noted otherwise.
See Sheet V.1 for detailed plans of I-80 bridge over IA 149.

Notes to Designer:
Recoverable berm slope using roadway standard EW-204 two span grading.

Site Plan

Preliminary

Design For 2 Degrees R.A.

242'-0" x 54'-0" Pretensioned Prestressed Concrete Beam Bridge

121'-0" End Spans

Site Plan

STA. 997+95.82 (WB I-80)

Turn-In Date: October 18, 2024

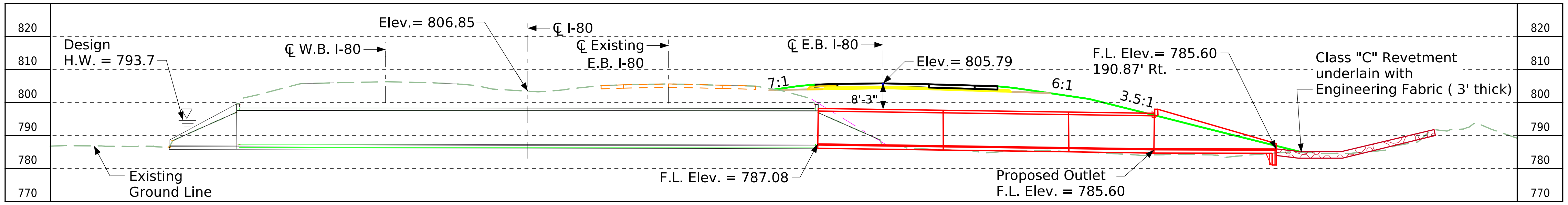
Iowa County

IOWA DEPARTMENT OF TRANSPORTATION

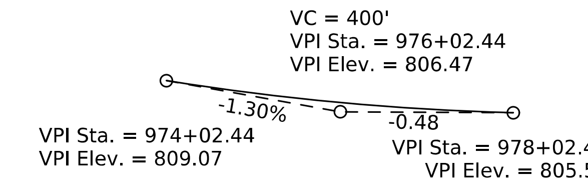
Design No. 129 | Design Sheet No. 2 of 2 | FHWA No. 29861

FILE NO. 32606	ENGLISH	DESIGN TEAM Veenstra & Kimm, Inc.	Iowa COUNTY	PROJECT NUMBER IMX-080-6(534)220--02-48	SHEET NUMBER V.2

Benchmark: 480802199, 79466750.90, 20406881.29, 793.01,
FENO Set 4 in. deep south of EBL I-80



Longitudinal Section Along ℄ Culvert
Design Fill Height = 8'-3"
Anticipated Settlement = ???



Existing Profile Grade I-80

Notes:

This design is for the extension of the existing Twin 10'-0" x 10'-0" Reinforced Concrete Box, Iowa Design No. 2861, FHWA No. 29840, Maint. No. 4819.4S080.

Culvert stationing based on ℄ I-80 alignment.

Anticipated settlement to be provided by Bureau of Soils.

Class "C" Revetment is proposed at the culvert outlet due to the outlet velocity exceeding policy limits.

Hydraulic Data

Drainage Area = 1.86 Sq.Mi.
Q_{50} = 811 CFS
HW Elev. = 793.7
Exit Velocity = 15.20 FPS

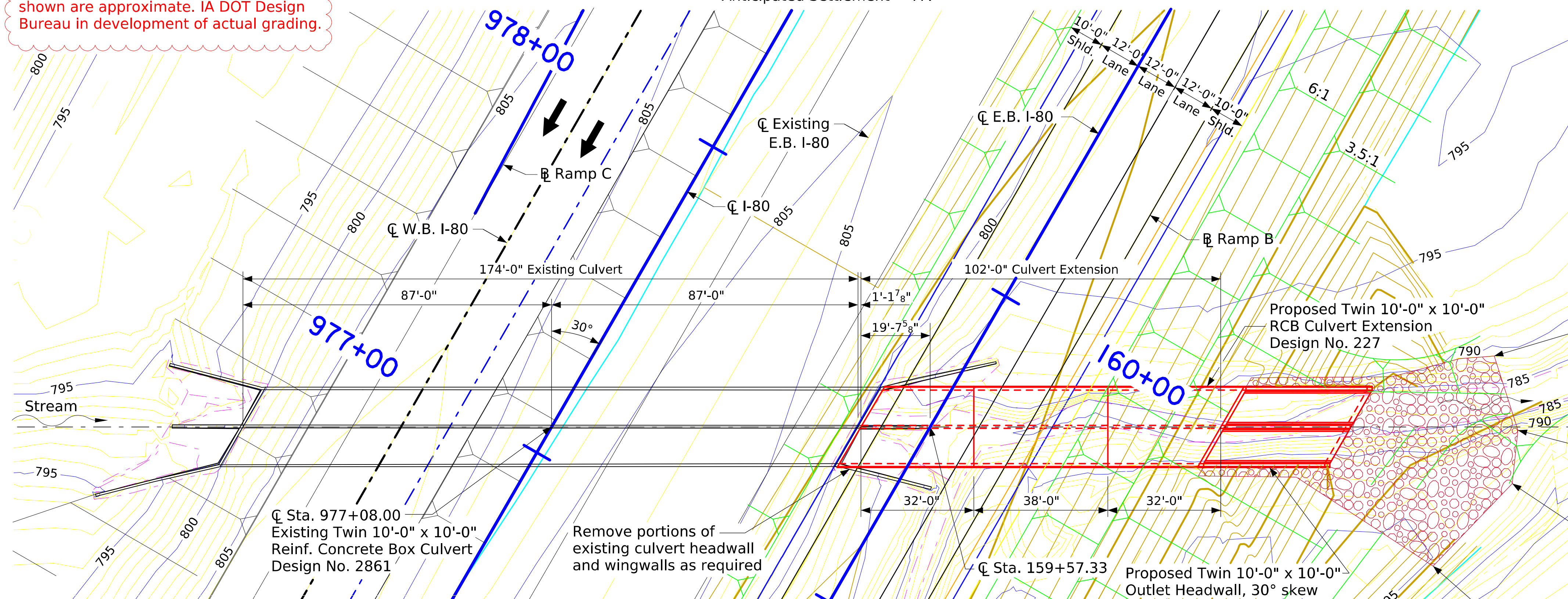
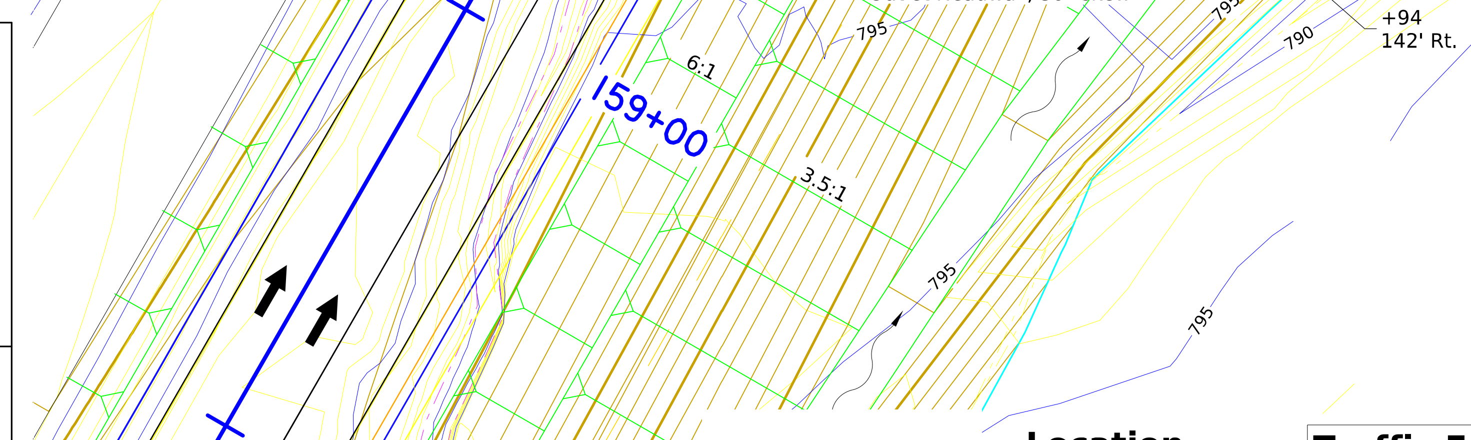
Utilities Note:

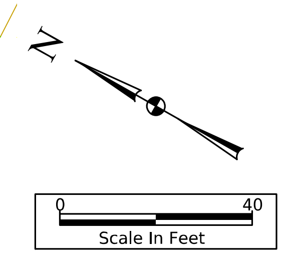
Utilities shown on this sheet are for information only.
See Road Design sheets for utility information.

General Utility Symbols:

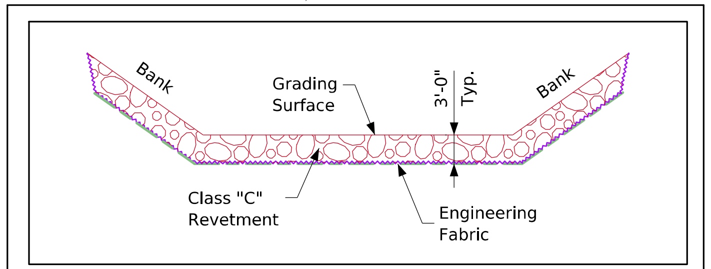
E - Electric Line
G - Gas Line
SAN. - Sanitary Sewer
T - Telephone Line
W - Water Line
FO - Fiber Optic Line
GHP - Gas High Pressure
ST S - Storm Sewer
TV - TV
- Power Poles

Roadway side slopes and ditch grading shown are approximate. IA DOT Design Bureau in development of actual grading.



Situation Plan



Typical Channel Protection

Estimated Revetment Quantities Included With Road Plans

Location	Revetment Class "C" (Ton)	Engineering Fabric (SY)	Excavation (CY)
Inlet	---	---	---
Outlet	425.1	372.2	265.7
Totals	425.1	372.2	265.7

Excavation quantity is for embedded revetment and core out only and does not include excavation to the grading surface. Excavation quantity to the grading surface is determined by Road Design and included in the Road Plans. Quantities shown for information only. See Road Sheets.

Location

Interstate 80 over Stream
T-79N R-10W
Section 4
Troy Township
Iowa County
FHWA No. 029840
Latitude 41.687032°
Longitude -92.015719°

Traffic Estimate

2023 AADT	TBD V.P.D.
2043 AADT	TBD V.P.D.
2043 DHV	TBD V.P.H.
TRUCKS	TBD %
Total Design ESALs	TBD

Hydraulic Design

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

LICENSED PROFESSIONAL ENGINEER Mark C. Currie 22475 IOWA

Signature: Oct. 18, 2024 Date

Mark C. Currie
Printed or Typed Name

My license renewal date is December 31, 2025

Pages or sheets covered by this seal: V.1

Design For 30 Degrees R.A.

Twin 10'-0" x 10'-0" Reinforced Concrete Box Culvert Extension C.I.P. Situation Plan

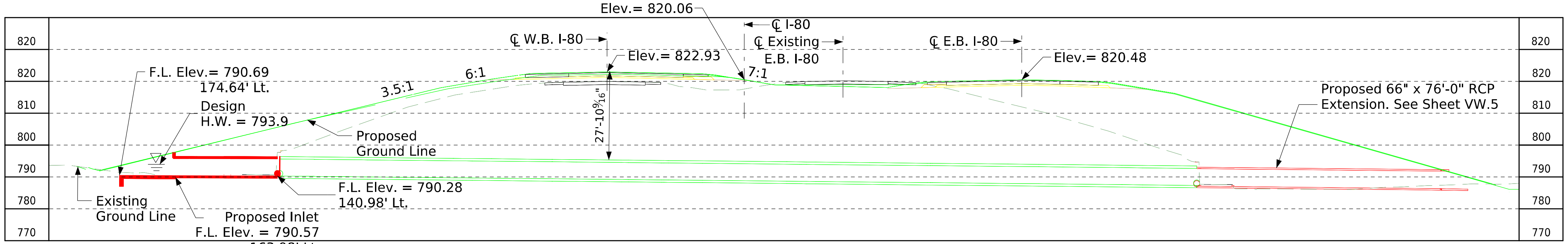
STA. 977+08.00 (ML I-80) Turn-In Date: October 18, 2024

Iowa County

IOWA DEPARTMENT OF TRANSPORTATION

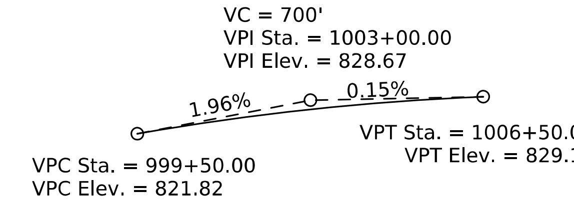
Design No. 227 Design Sheet No. 1 of 1 FHWA No. 029840

Benchmark: 480802199, 79466750.90, 20406881.29, 793.01,
FENO Set 4 in. deep south of EBL I-80



Longitudinal Section Along ℄ Culvert

Design Fill Height = 27'-11"
Anticipated Settlement = ???



Proposed Profile Grade I-80

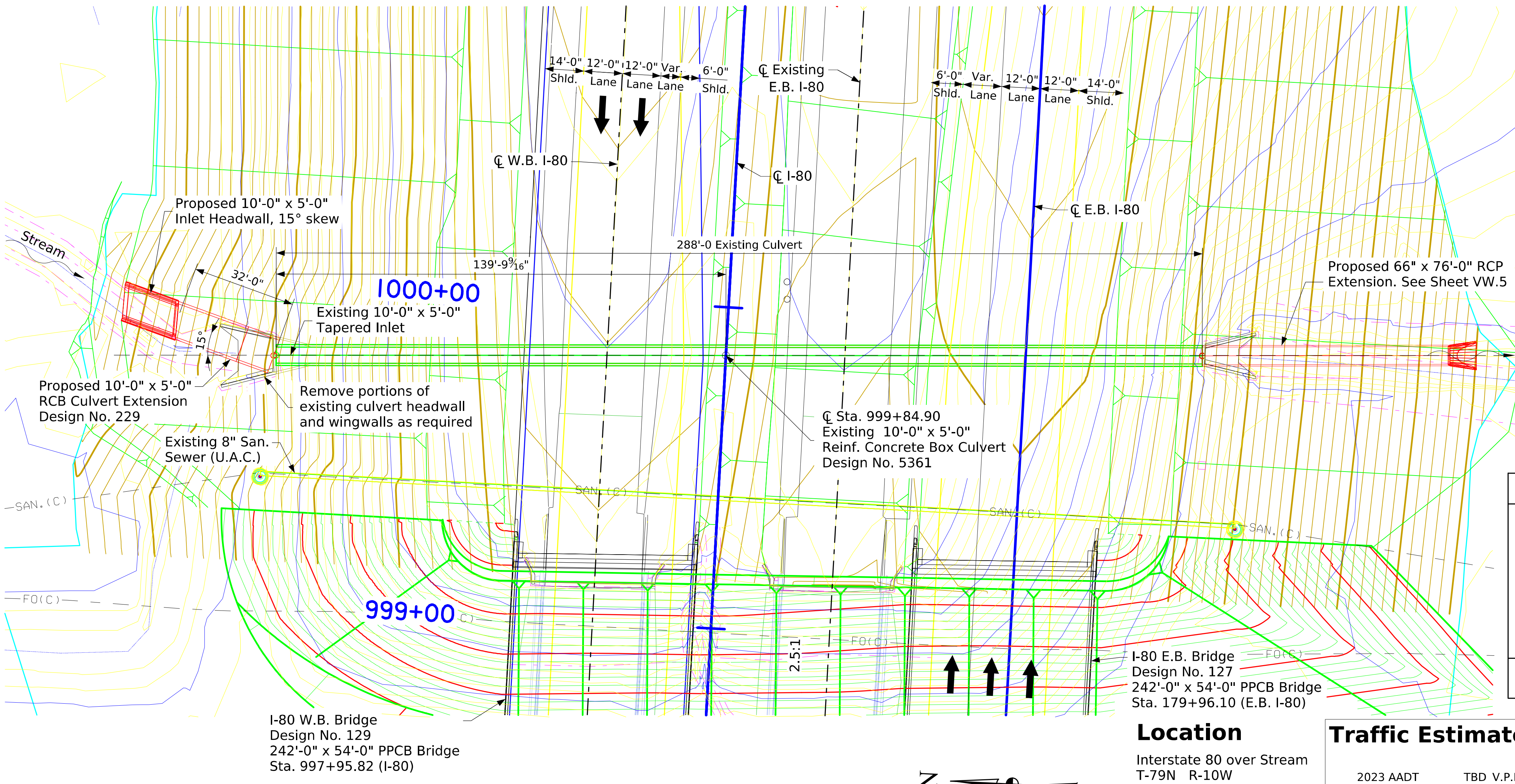
Roadway side slopes and ditch grading shown are approximate. IA DOT Design Bureau in development of actual grading.

Notes:

This design is for the extension of the existing 5'-0" x 5'-0" Reinforced Concrete Box, Iowa Design No. 5361

Culvert Stationing based on ℄ I-80 alignment.

Anticipated settlement to be provided by Bureau of Soils.



Situation Plan

Hydraulic Data

Drainage Area = 142 Acres
Q_{50} = 158 CFS
HW Elev. = 793.9

Utilities Note:

Utilities shown on this sheet are for information only. See Road Design sheets for utility information.

General Utility Symbols:

- E - Electric Line
- G - Gas Line
- SAN. - Sanitary Sewer
- T - Telephone Line
- W - Water Line
- FO - Fiber Optic Line
- GHP - Gas High Pressure
- ST S - Storm Sewer
- TV - TV
- ● - Power Poles

Hydraulic Design

PROFESSIONAL ENGINEER — Mark C. Currie 22475 — LICENSED — IOWA

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

Signature: [signature] Date: Oct. 18, 2024

Printed or Typed Name: Mark C. Currie

My license renewal date is December 31, 2025

Pages or sheets covered by this seal: V.2

Location

Interstate 80 over Stream
T-79N R-10W
Section 3
Troy Township
Iowa County
Latitude 41.687117°
Longitude -92.007481°

Traffic Estimate

2023 AADT	TBD V.P.D.
2043 AADT	TBD V.P.D.
2043 DHV	TBD V.P.H.
TRUCKS	TBD %
Total Design ESALs	TBD

Design For 30 Degrees R.A.

10'-0" x 5'-0" Reinforced Concrete Box Culvert Extension

Situation Plan

STA. 999+84.90 (ML I-80)
Turn-in Date: October 18, 2024

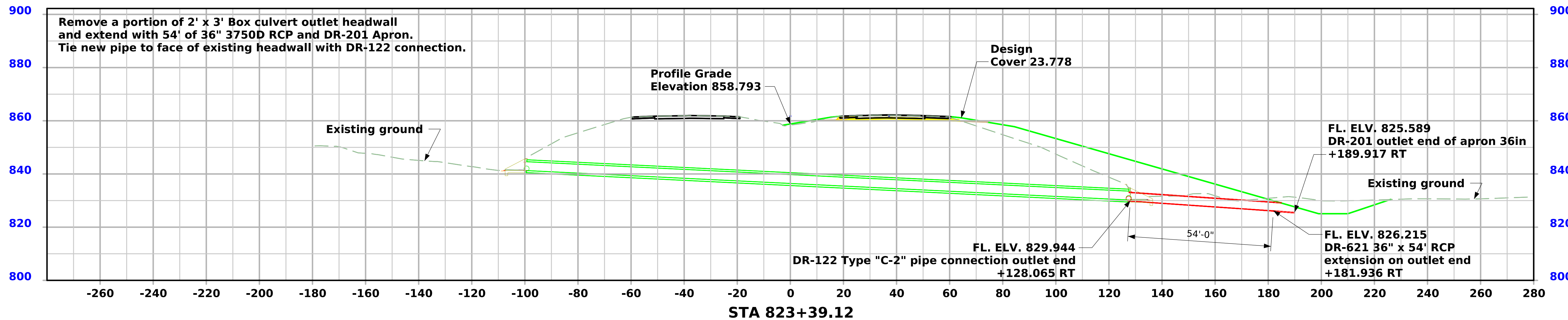
Iowa County

IOWA DEPARTMENT OF TRANSPORTATION

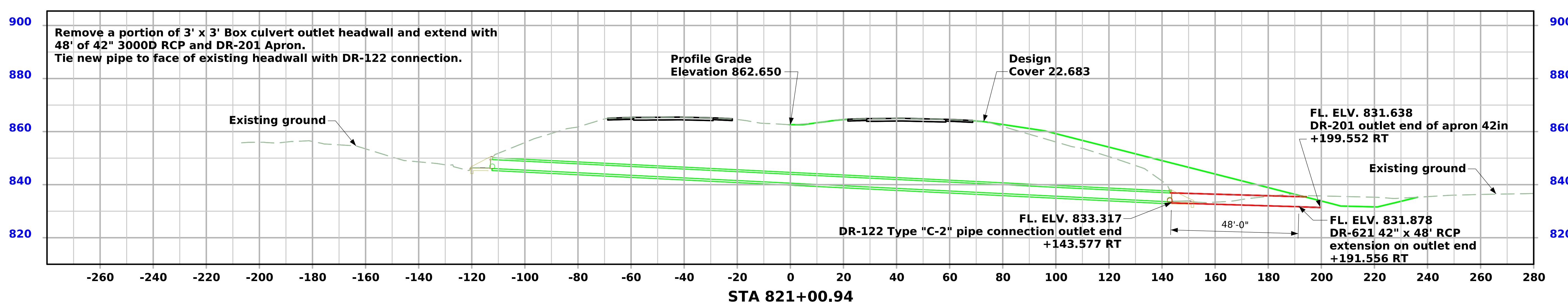
Design No. 229 Design Sheet No. 1 of 1

FILE NO. 32606	ENGLISH	DESIGN TEAM Veenstra & Kimm, Inc.	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)220--02-48	SHEET NUMBER V.2

ML I-80

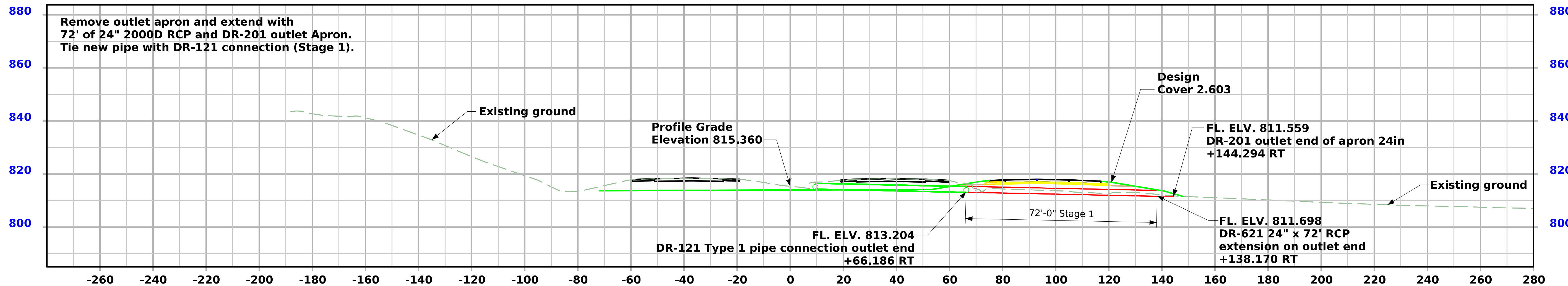


Remove a portion of 2' x 3' Box culvert outlet headwall
and extend with 54' of 36" 3750D RCP and DR-201 Apron.
Tie new pipe to face of existing headwall with DR-122 connection.
Profile Grade
Elevation 858.793
Design
Cover 23.778
Existing ground
FL. ELV. 825.589
DR-201 outlet end of apron 36in
+189.917 RT
Existing ground
54'-0"
FL. ELV. 829.944
DR-122 Type "C-2" pipe connection outlet end
+128.065 RT
FL. ELV. 826.215
DR-621 36" x 54' RCP
extension on outlet end
+181.936 RT
900
880
860
840
820
800
-260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280
STA 823+39.12

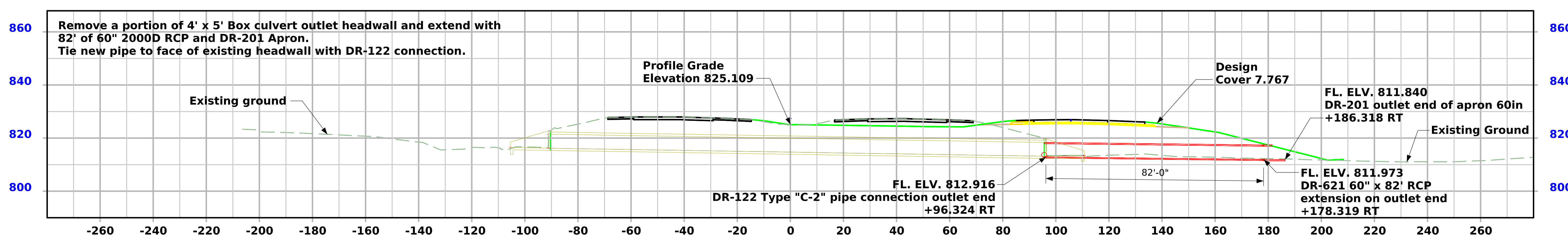


Remove a portion of 3' x 3' Box culvert outlet headwall and extend with
48' of 42" 3000D RCP and DR-201 Apron.
Tie new pipe to face of existing headwall with DR-122 connection.
Profile Grade
Elevation 862.650
Design
Cover 22.683
Existing ground
FL. ELV. 831.638
DR-201 outlet end of apron 42in
+199.552 RT
Existing ground
FL. ELV. 833.317
DR-122 Type "C-2" pipe connection outlet end
+143.577 RT
48'-0"
FL. ELV. 831.878
DR-621 42" x 48' RCP
extension on outlet end
+191.556 RT
900
880
860
840
820
-260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280
STA 821+00.94

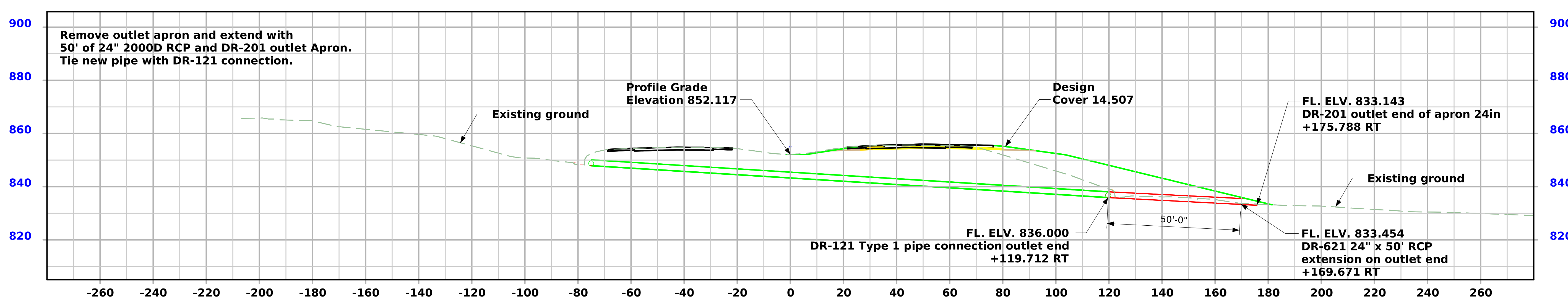
ML I-80



STA 967+00.95 (Stage 1)



STA 841+99.74

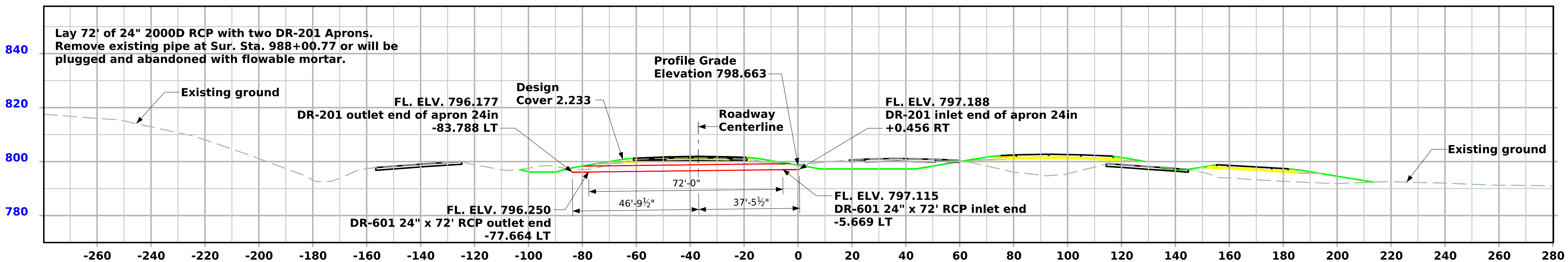


STA 827+70.50

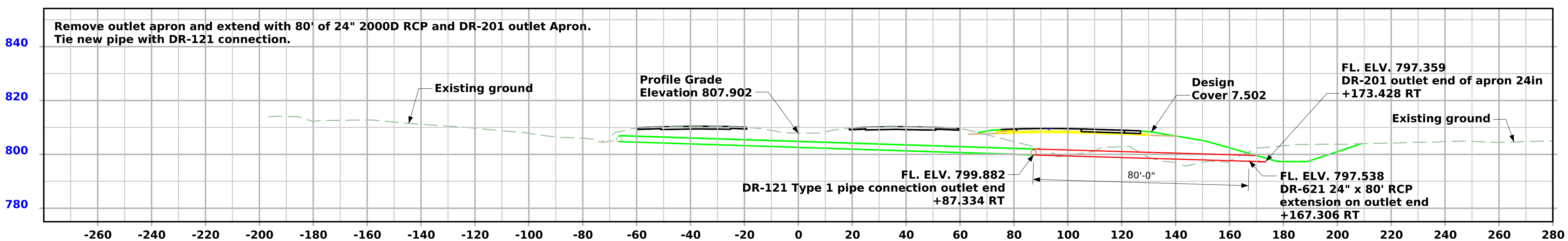
FILE NO. 32606	ENGLISH	DESIGN TEAM Veenstra & Kimm, Inc.	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)220--02-48	SHEET NUMBER VW.2

2:29:33 PM 10/11/2024 rlemke pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\4808006022\Bridge\(532)_Preliminary Engineering\SHT_48080532_VK_Pipes_Z10.dgn

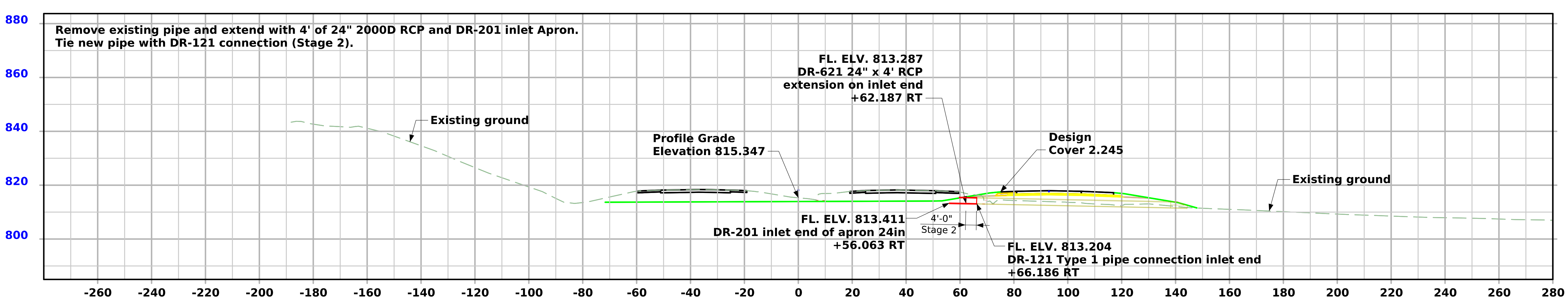
ML I-80



STA 988+72.60



STA 973+00.35

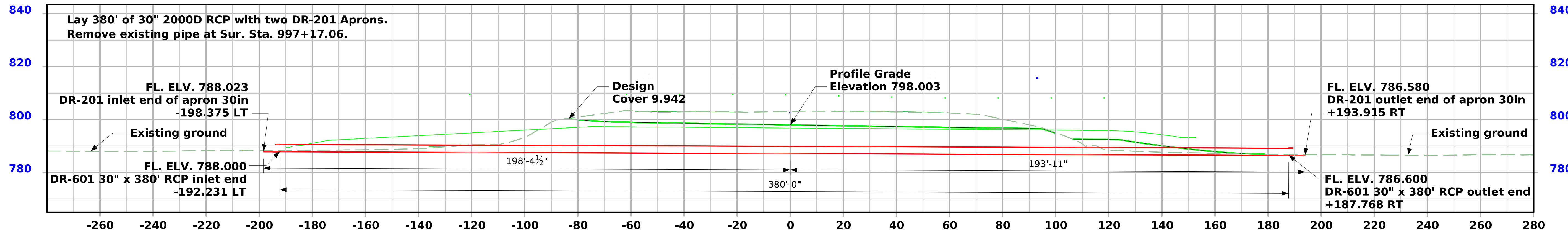


STA 967+00.95 (Stage 2)

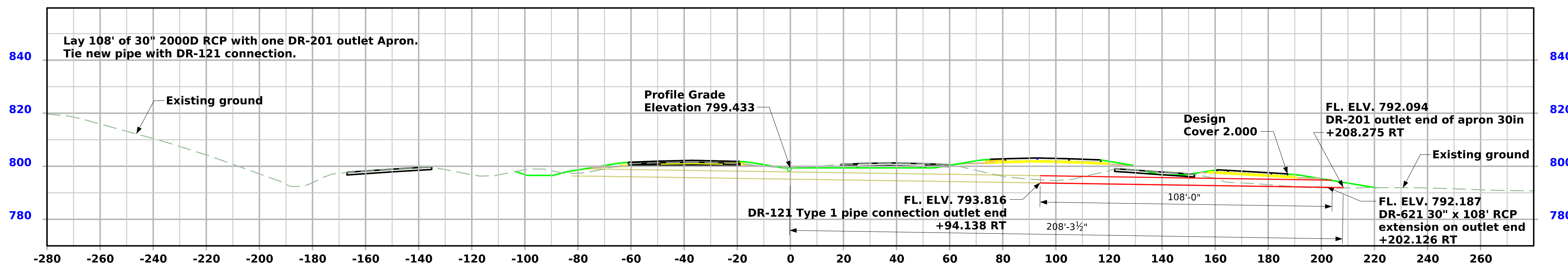
FILE NO. 32606	ENGLISH	DESIGN TEAM Veenstra & Kimm, Inc.		Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)220--02-48	SHEET NUMBER VW.3

2:31:02 PM 10/11/2024 rlemke pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\4808006022\Bridge\(532)_Preliminary Engineering\SHT_48080532_VK_Pipes_Z10.dgn

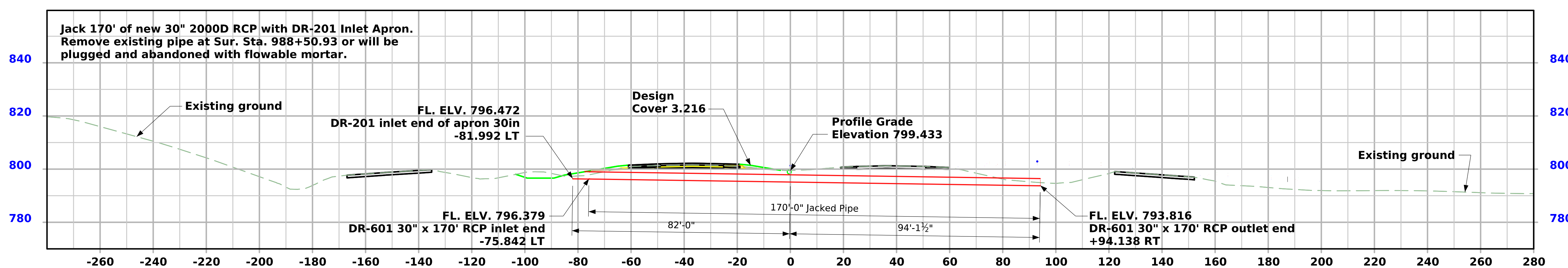
ML I-80



STA 997+11.50



STA 989+00 (Stage 2)

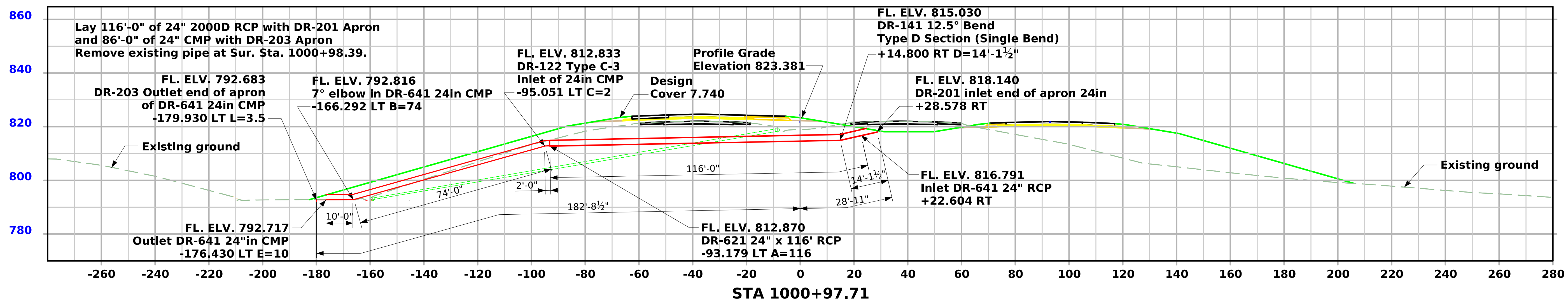


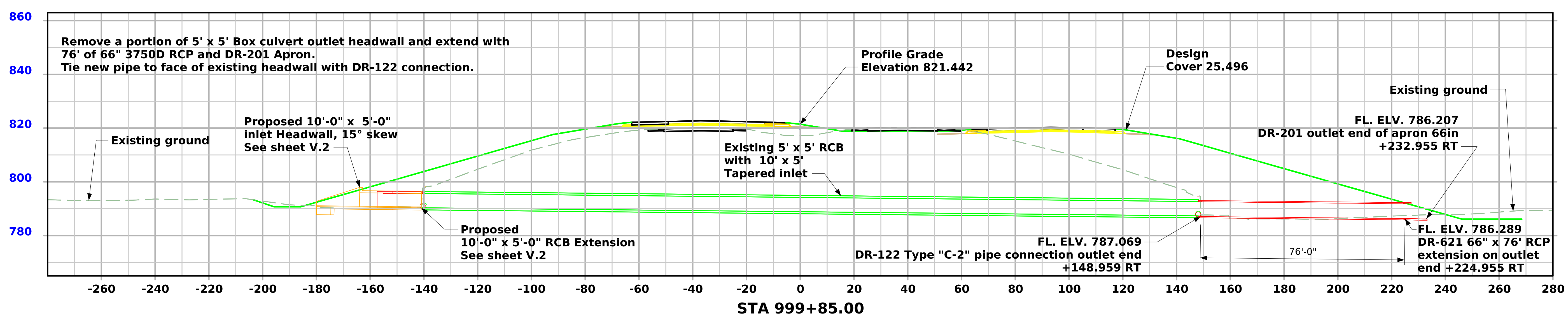
STA 989+00 (Stage 1)

FILE NO. 32606	ENGLISH	DESIGN TEAM Veenstra & Kimm, Inc.	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)220--02-48	SHEET NUMBER VW.4

2:39:51 PM 10/11/2024 rlemke pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\4808006022\Bridge\(532)_Preliminary Engineering\SHT_48080532_VK_Pipes_Z10.dgn

ML I-80





FILE NO. 32606	ENGLISH	DESIGN TEAM Veenstra & Kimm, Inc.	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)220--02-48	SHEET NUMBER VW.5

8:27:52 AM 11/5/2024 rlemke pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\4808006022\Bridge\(532)_Preliminary Engineering\SHT_48080532_VK_Pipes_Z10.dgn

CROSS SECTION VIEW COLOR LEGEND

Aggregate

Design Color No.	Feature
(64)	Choke Stone
(42)	Engineering Fabric
(8)	Flooded Backfill
(92)	Macadam Stone
(20)	Modified
(12)	Plowing Shaping
(14)	Porous Backfill
(8)	Revetment Class A
(6)	Revetment Class B
(62)	Revetment Class C
(188)	Revetment Class D
(28)	Revetment Class E
(12)	Shoulder Special Backfill
(12)	Special Backfill
(20)	Subbase
(20)	Subbase Lower
(20)	Subbase Upper
(118)	Subgrade Treatment

Asphalt

Design Color No.	Feature
(207)	HMA Base Course
(207)	HMA Interim Course
(207)	HMA Surface Course

Bridge

Design Color No.	Feature
(0)	Bridge

Concrete

Design Color No.	Feature
(0)	Barrier Concrete
(0)	Barrier Concrete Footing
(0)	Curb Gutter
(48)	Flowable Mortar
(0)	Median Concrete
(0)	PCC Pavement
(0)	Sidewalk

Existing

Design Color No.	Feature
(0)	Existing Pavement

Shoulder

Design Color No.	Feature
(209)	Shoulder HMA
(0)	Shoulder PCC
(6)	Shoulder Granular

Structural

Design Color No.	Feature
(112)	Noise Wall
(112)	Noise Wall Footing
(112)	Retaining Wall Back
(112)	Retaining Wall Back Excavate
(112)	Retaining Wall Face
(112)	Retaining Wall Front Excavate
(112)	Retaining Wall Front Footing
(112)	Retaining Wall MSE Gutter
(112)	Retaining Wall Reinforced Earth

Grading

Design Color No.	Feature
(8)	Behind Curb Cut
(6)	Granular
(13)	Granular Back Fill
(48)	Rock Undercut
(8)	Shoulder Earth Fill
(2)	Side Slopes
(226)	Side Slopes Dressing

Substrata

Design Color No.	Feature
(128)	Boulder
(209)	Boulder Removed
(48)	Broken Weathered
(210)	Broken Weathered Removed
(3)	Core Out
(115)	Core Out Remove Only
(195)	Core Out Remove and Replace
(203)	Existing Pavement
(184)	Existing Pavement Remove Only
(200)	Existing Pavement Remove and Replace
(6)	Loam
(211)	Loam Removed
(80)	Rock
(212)	Rock Removed
(4)	Select Sand
(214)	Select Sand Removed
(3)	Shale
(215)	Shale Removed
(10)	Topsoil
(2)	Topsoil Remove Only
(4)	Topsoil Remove and Replace

Unsuitable / Waste

Design Color No.	Feature
(3)	Unsuitable Type A
(216)	Unsuitable Type A Removed
(13)	Unsuitable Type B
(217)	Unsuitable Type B Removed
(11)	Unsuitable Type C
(218)	Unsuitable Type C Removed
(3)	Waste
(219)	Waste Removed

NOTES:

Text

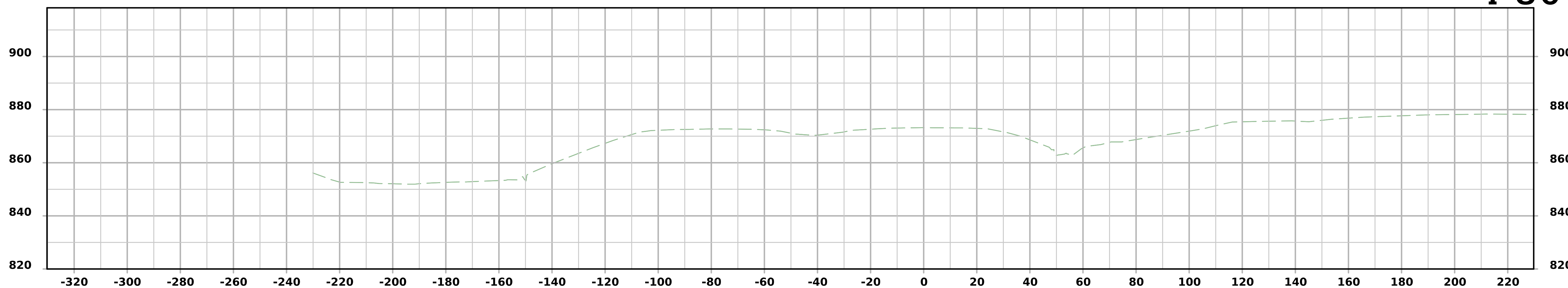
NOTES:

Text

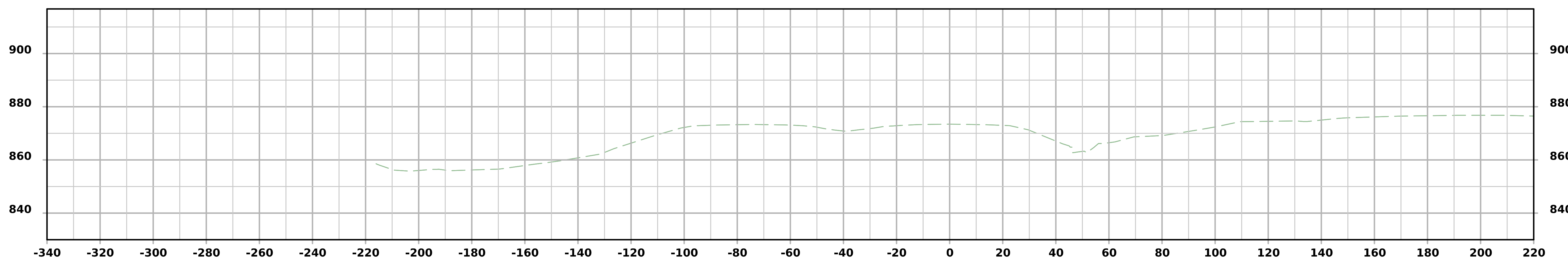
CROSS SECTIONS
LEGEND AND INFORMATION SHEET

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

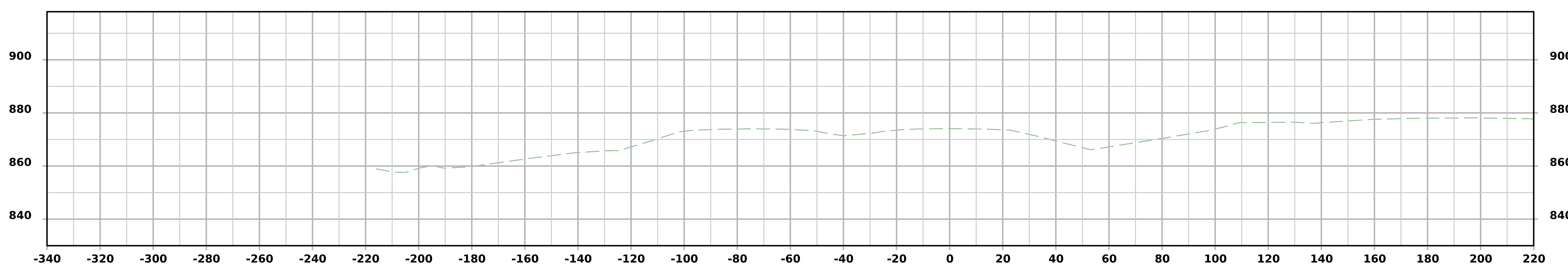
I-80



STA 115+17.31

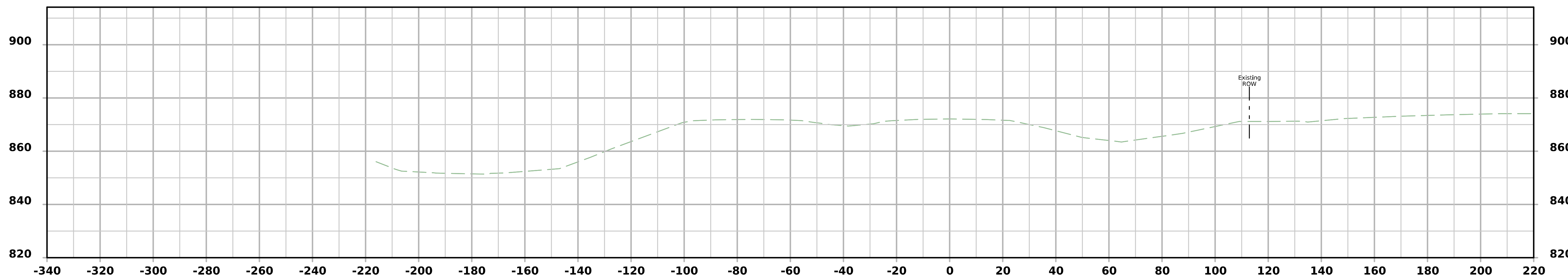


STA 115+00.00

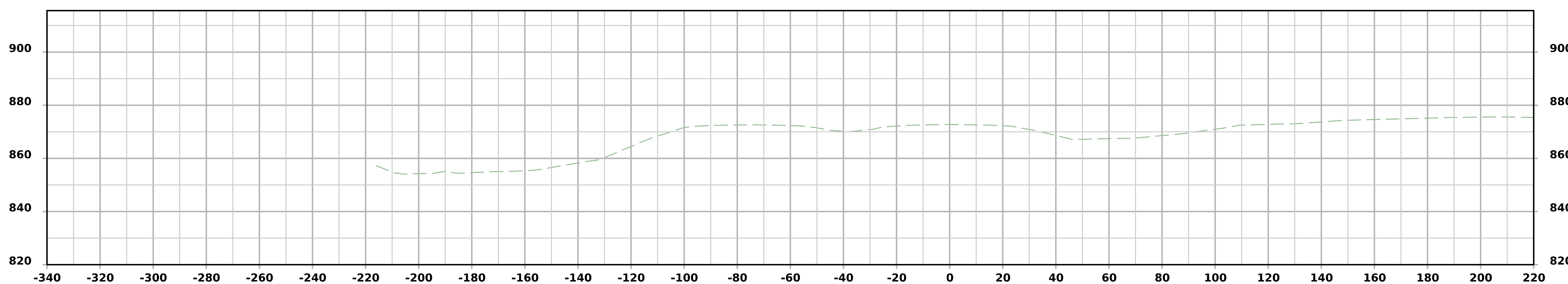


STA 114+50.00

I-80

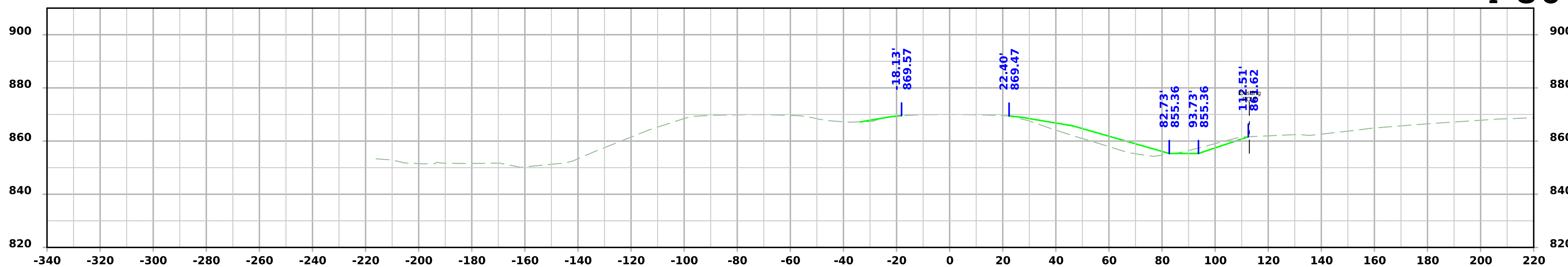


STA 116+00.00

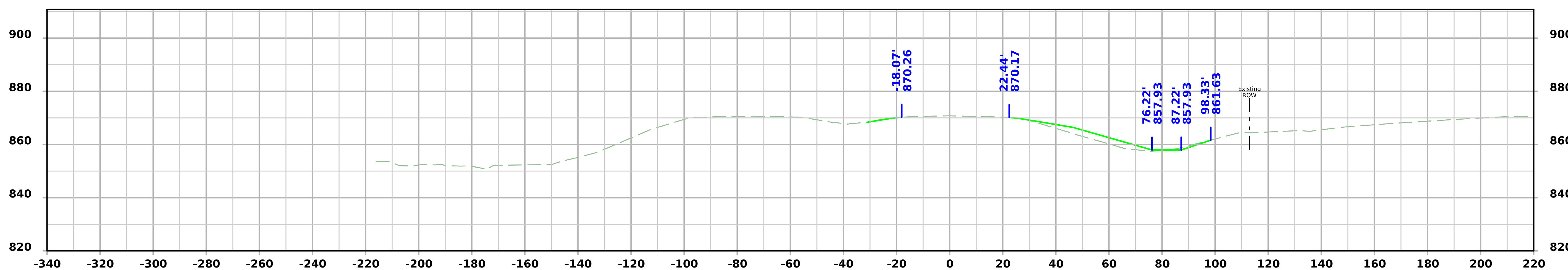


STA 115+50.00

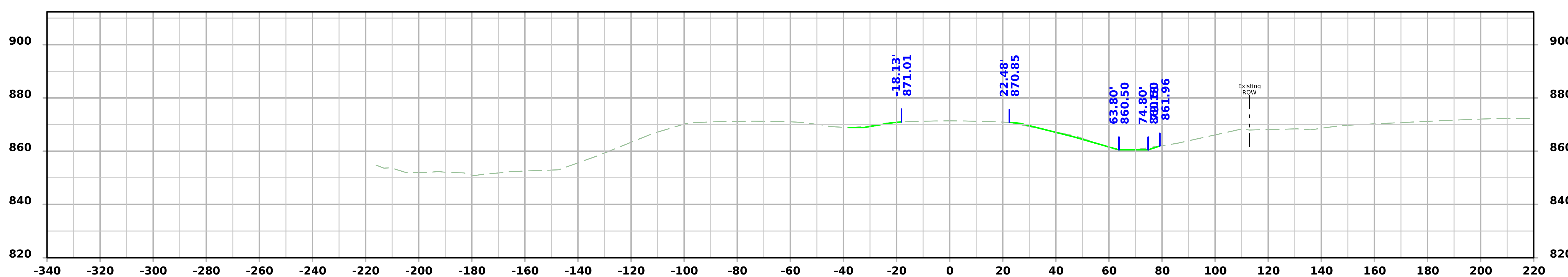
I-80



STA 117+50.00



STA 117+00.00

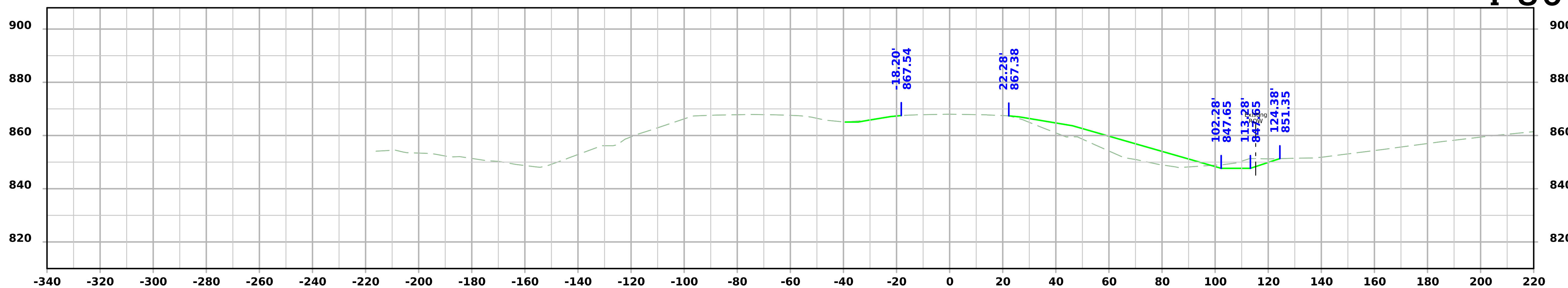


STA 116+50.00

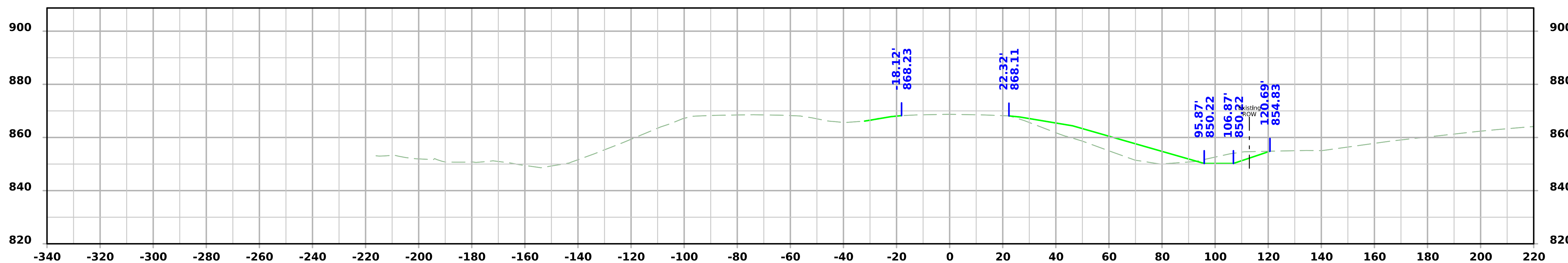
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.4

7:28:26 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

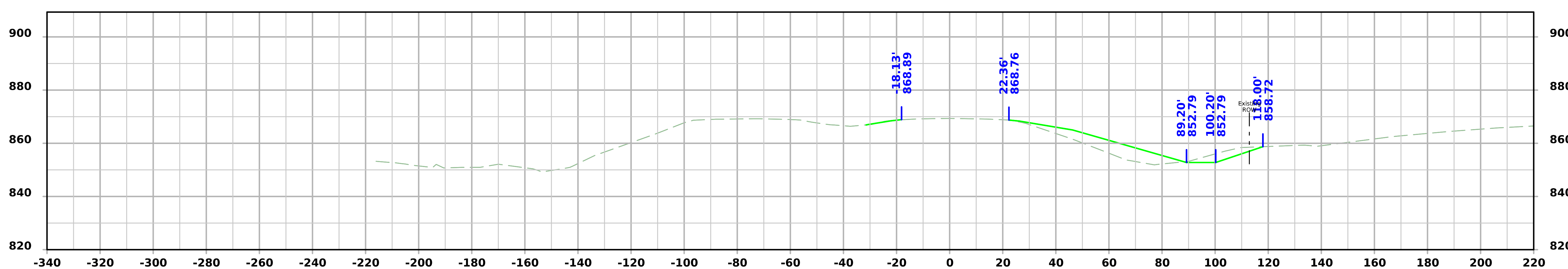
I-80



STA 119+00.00



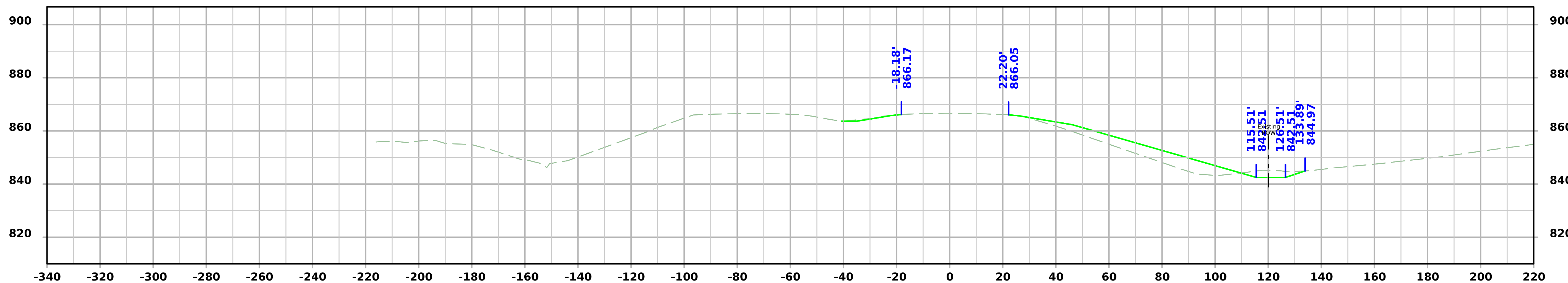
STA 118+50.00



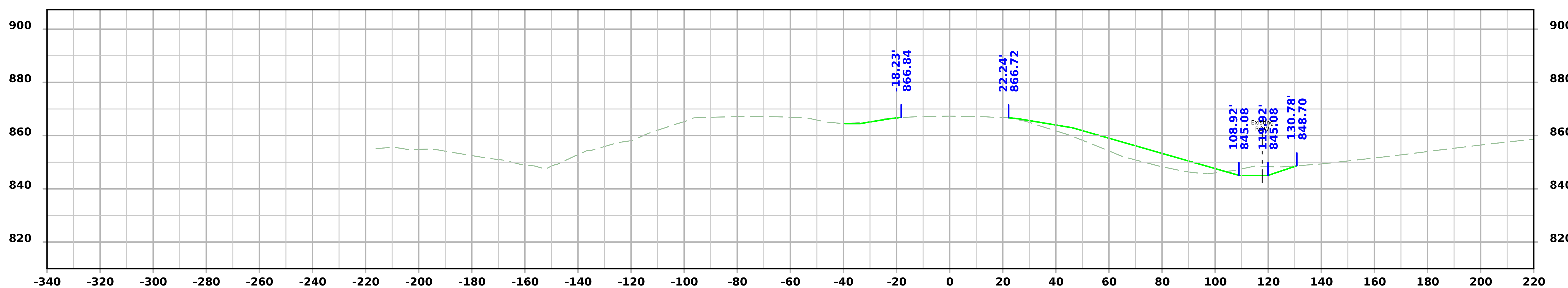
STA 118+00.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.5

I-80



STA 120+00.00

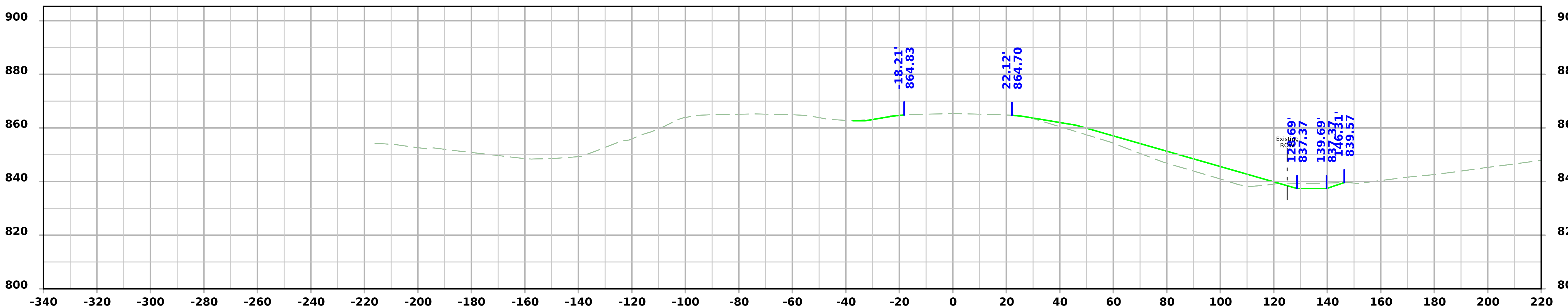


STA 119+50.00

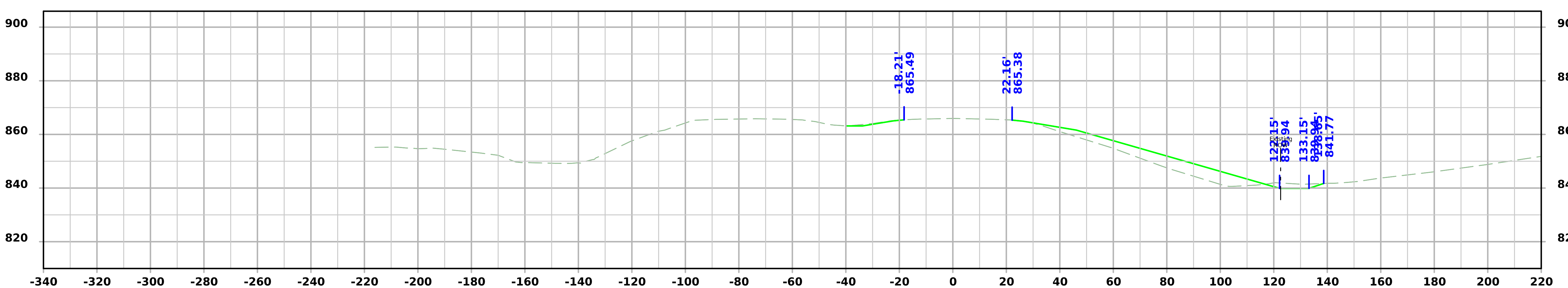
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.6

7:28:28 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



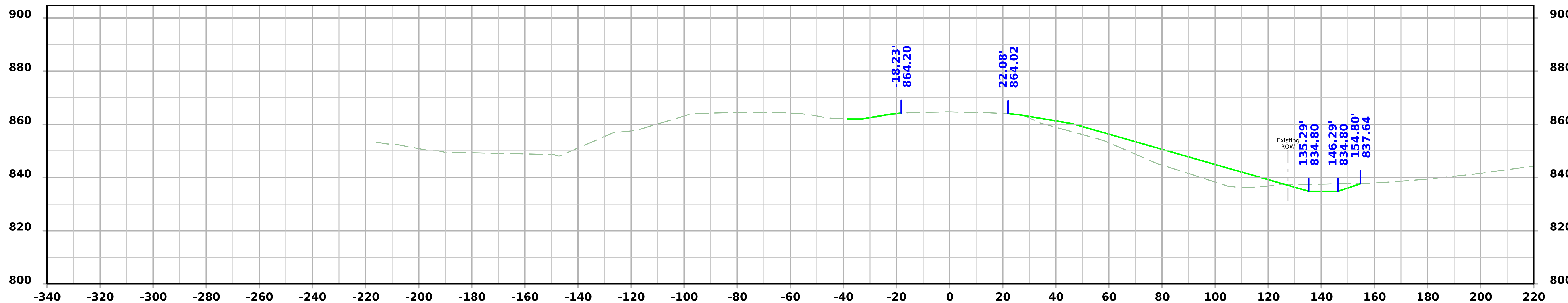
STA 121+00.00



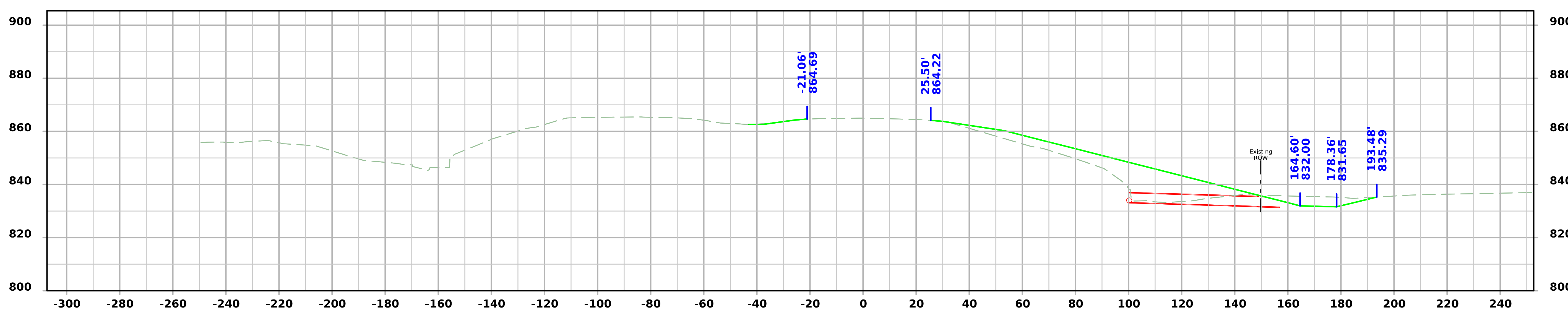
STA 120+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.7

7:28:29 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

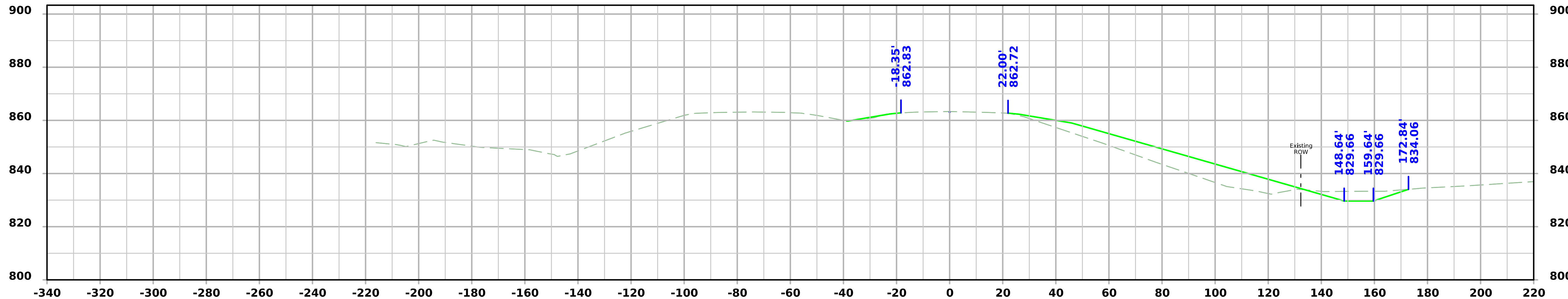


STA 121+50.00

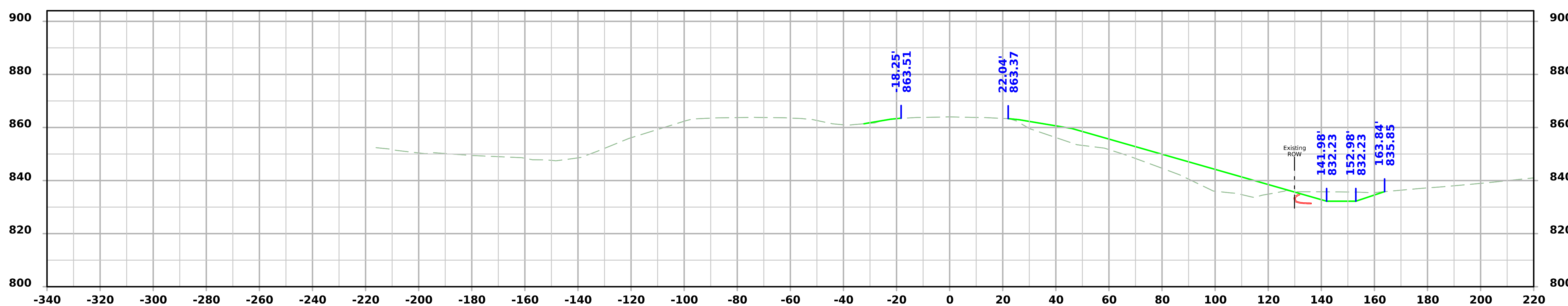


STA 121+22.27

I-80



STA 122+50.00

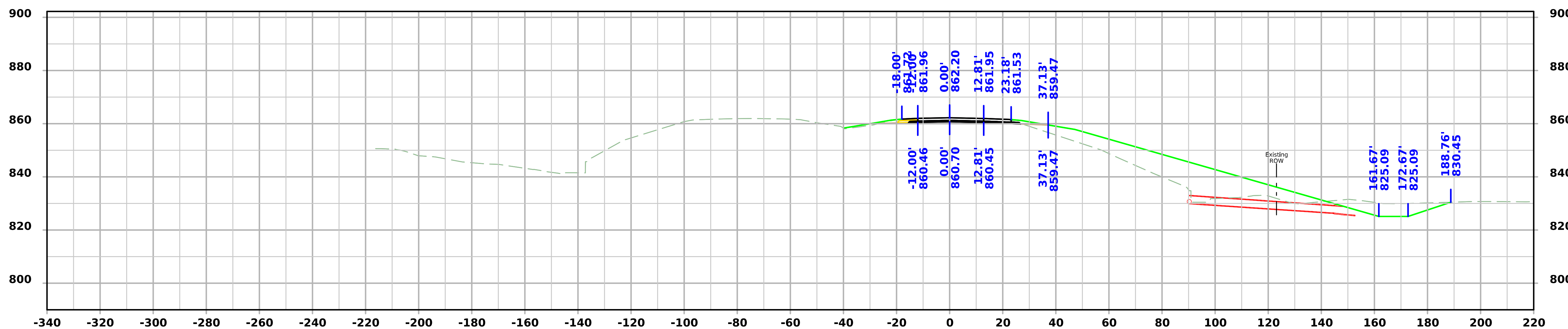


STA 122+00.00

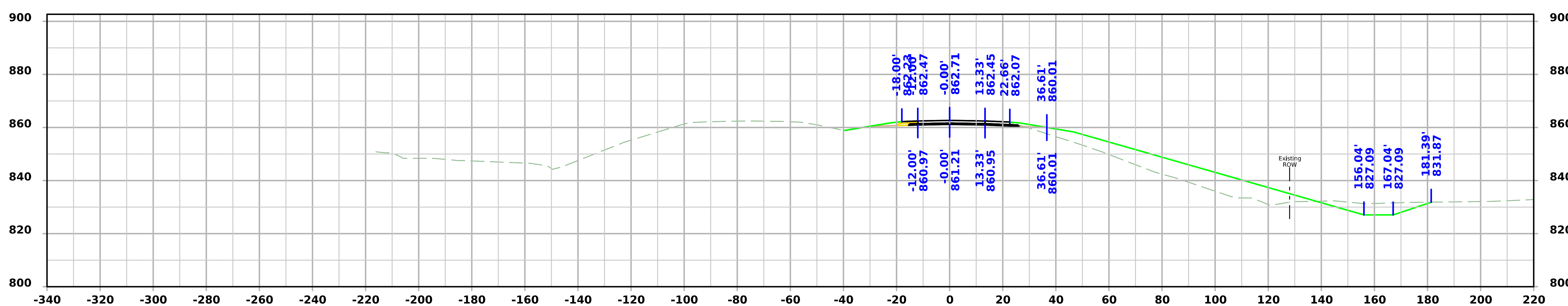
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.9

7:28:31 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 123+38.91

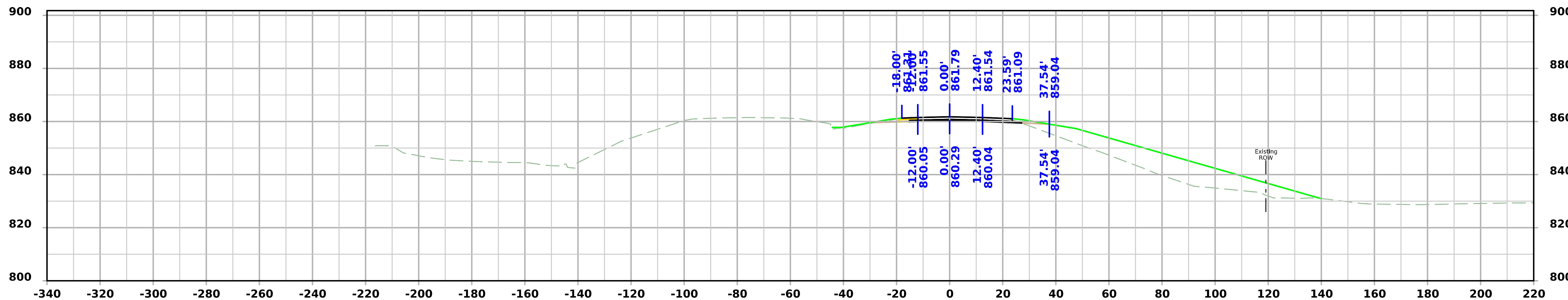


STA 123+00.00

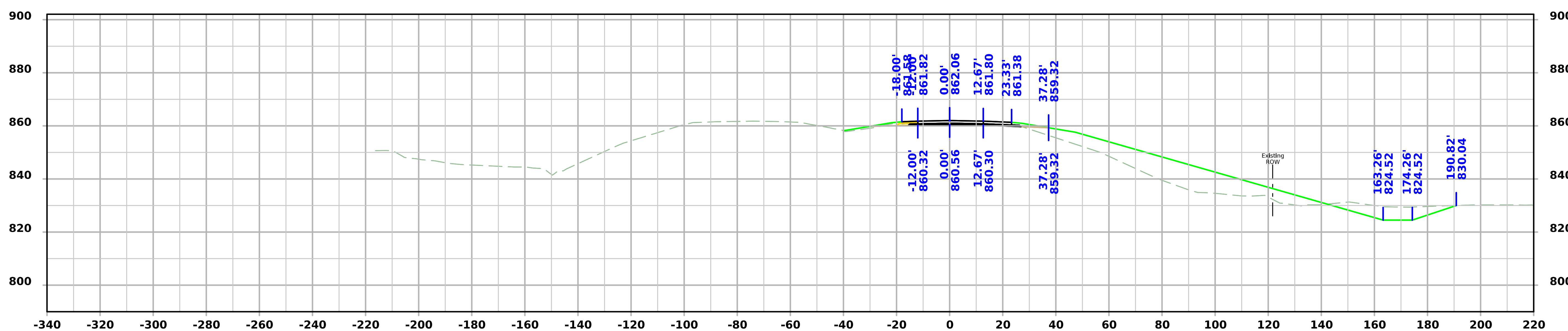
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.10

7:28:32 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 123+69.75

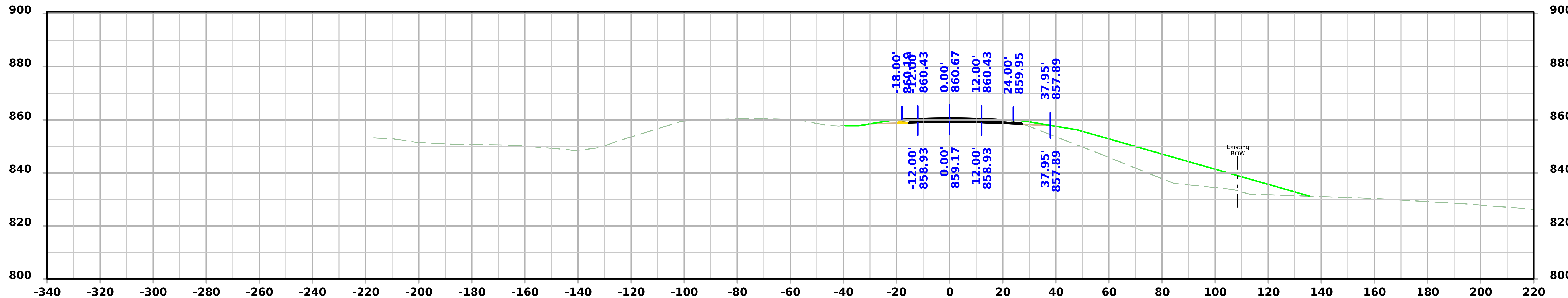


STA 123+50.00

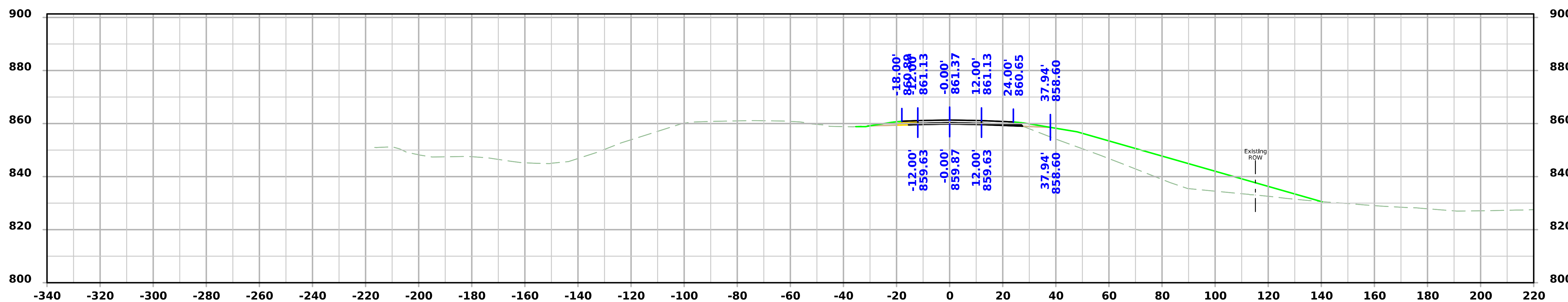
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.11

7:28:33 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 124+50.00

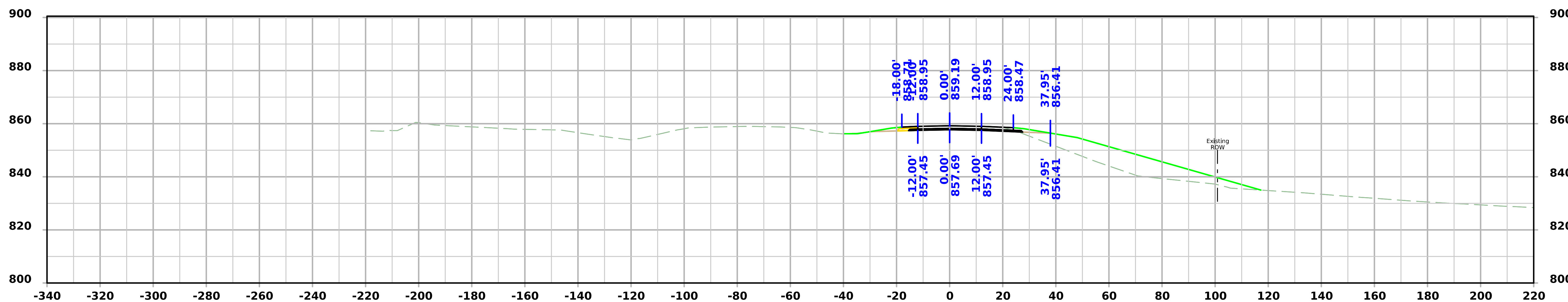


STA 124+00.00

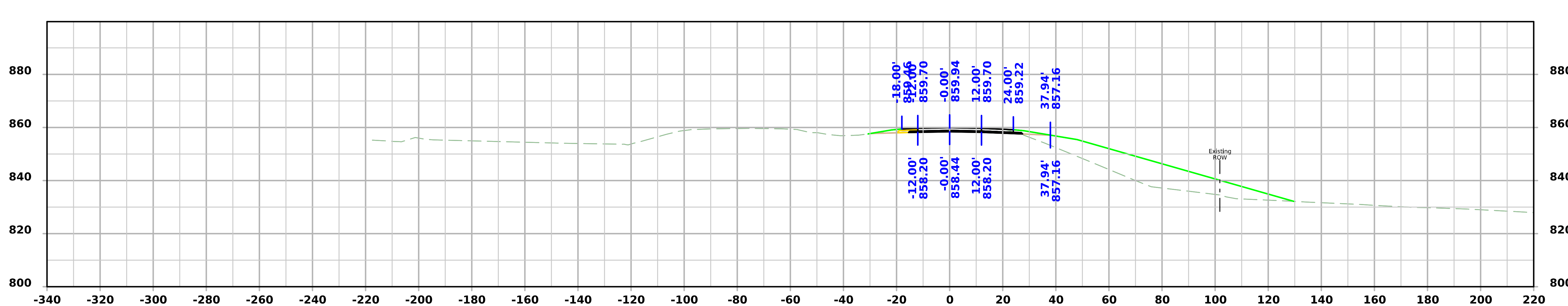
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.12

7:28:34 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



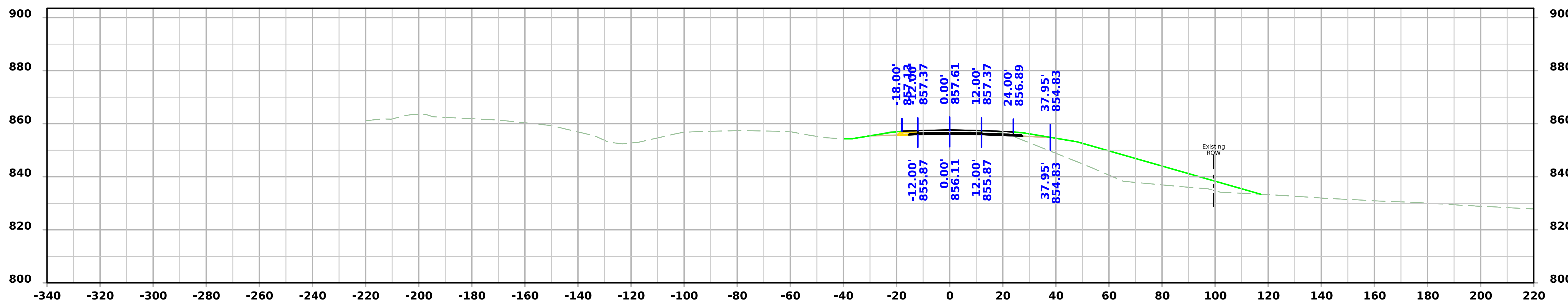
STA 125+50.00



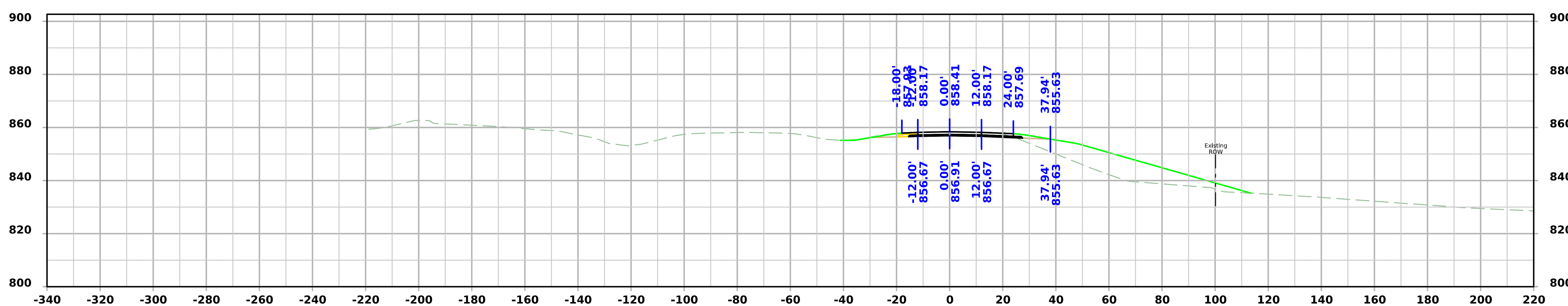
STA 125+00.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.13

I-80



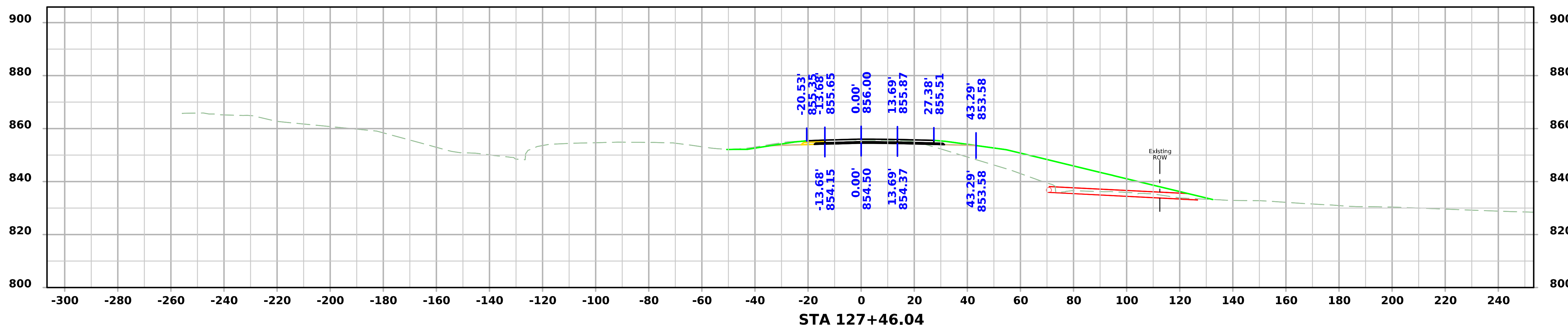
STA 126+50.00



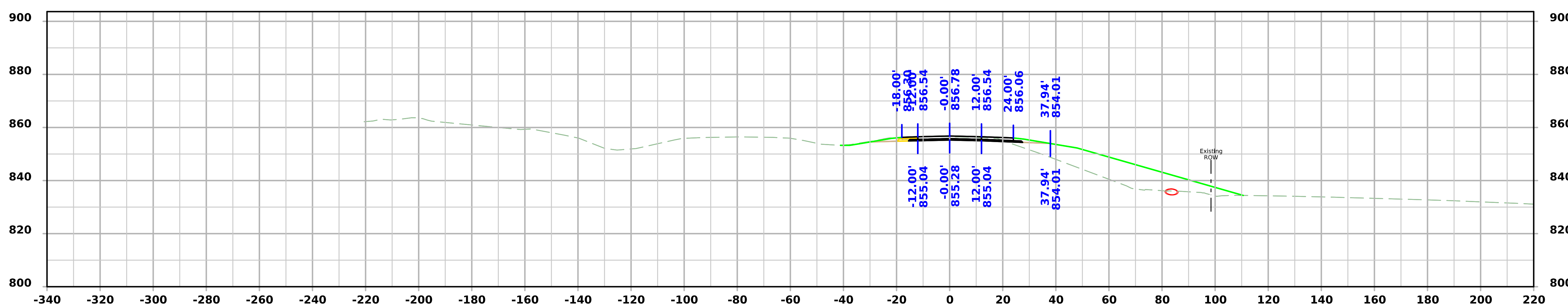
STA 126+00.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.14

I-80

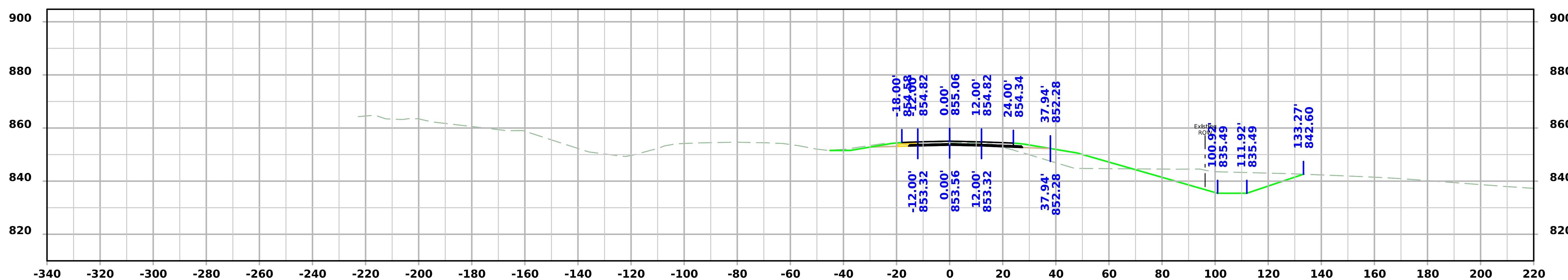


STA 127+46.04

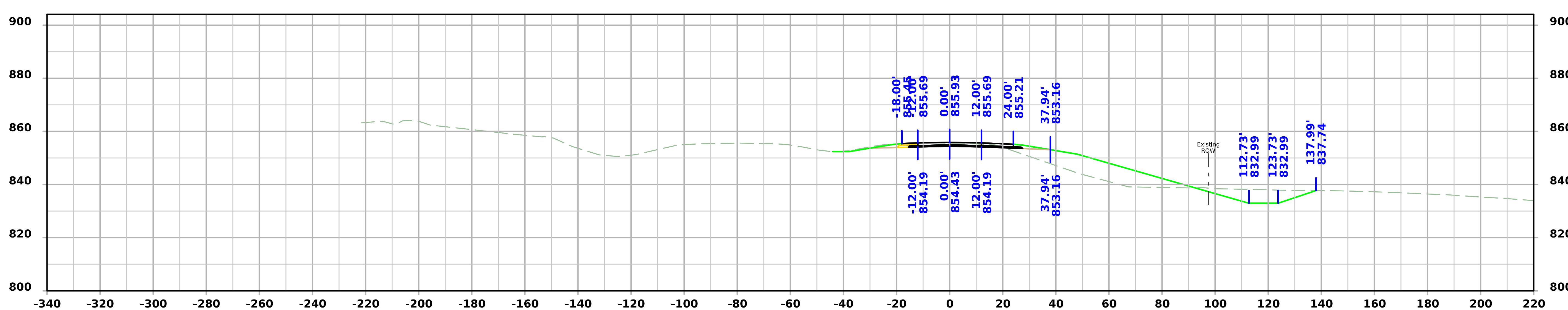


STA 127+00.00

I-80



STA 128+00.00

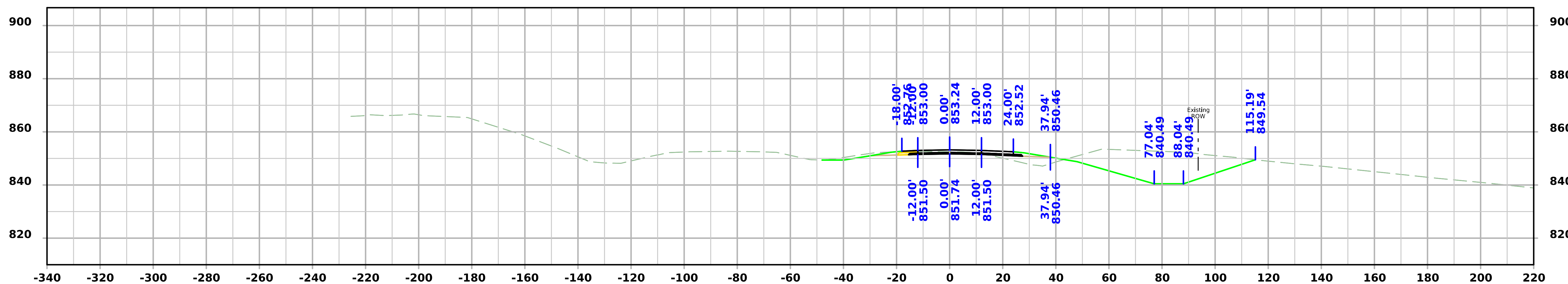


STA 127+50.00

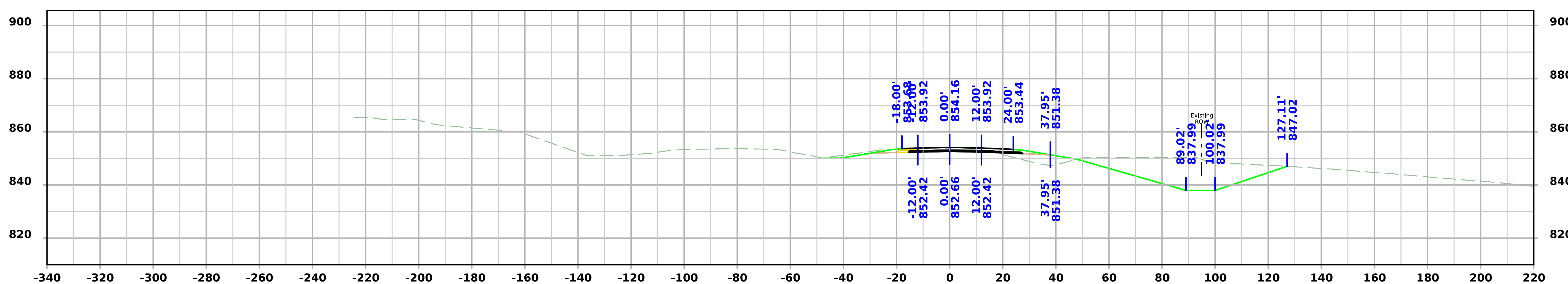
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.16

7:28:38 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 129+00.00

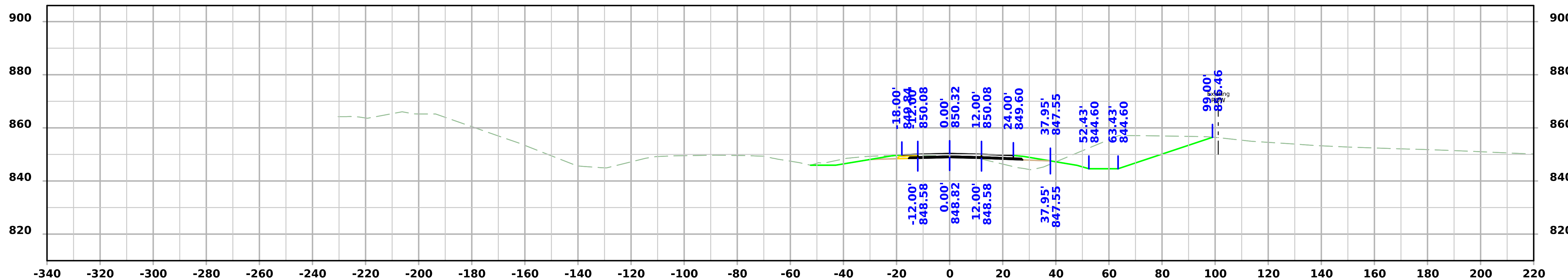


STA 128+50.00

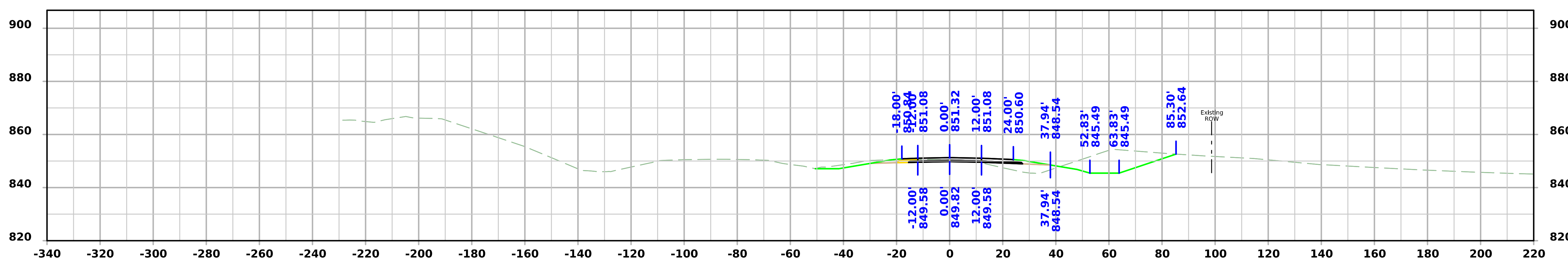
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.17

7:28:39 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

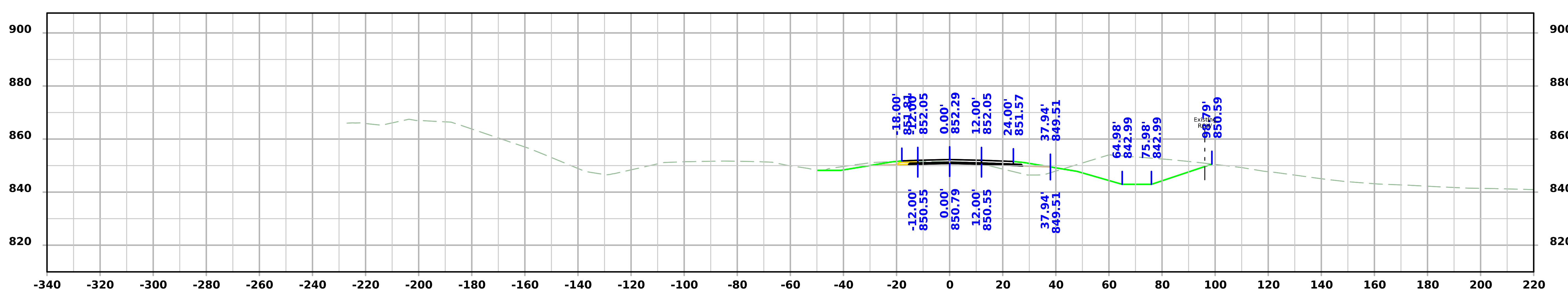
I-80



STA 130+50.00



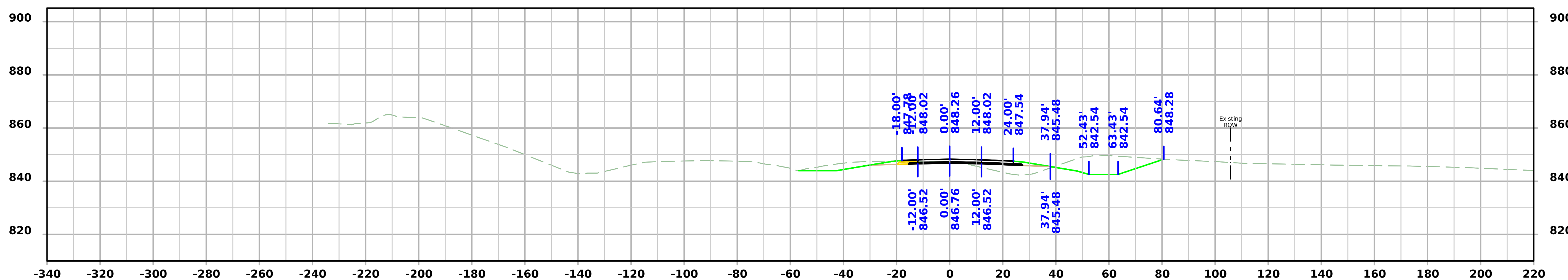
STA 130+00.00



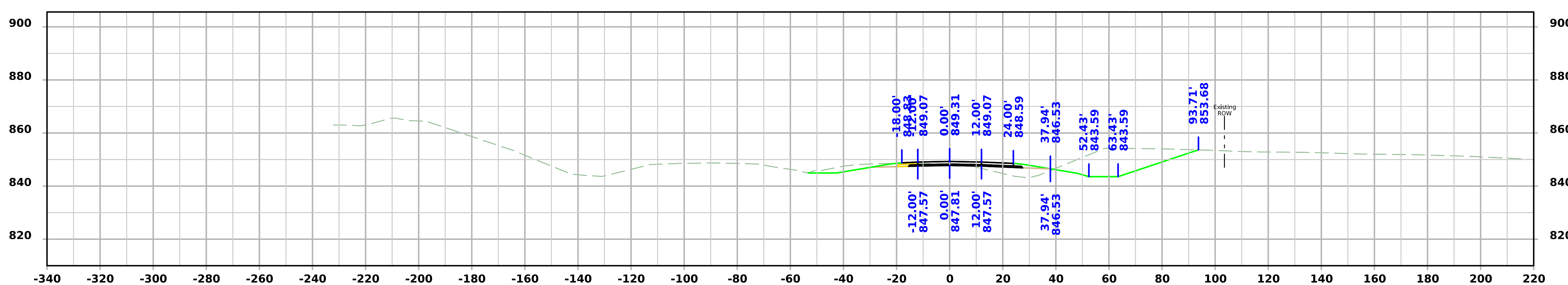
STA 129+50.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.18

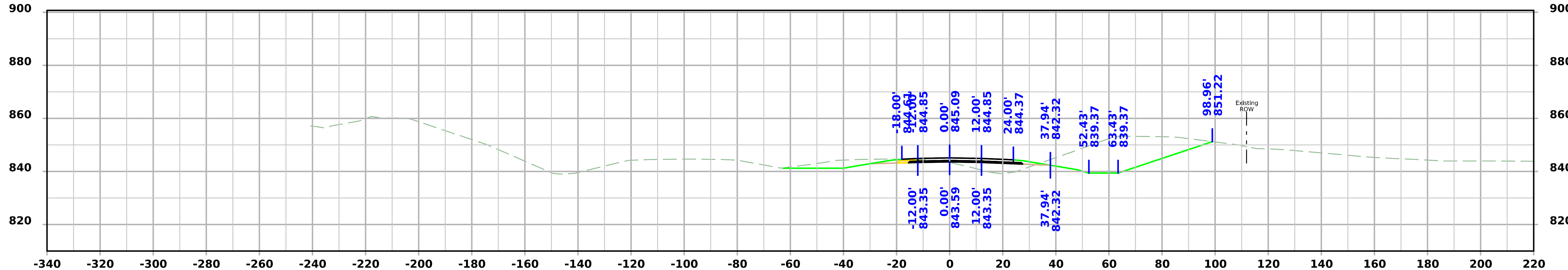
I-80



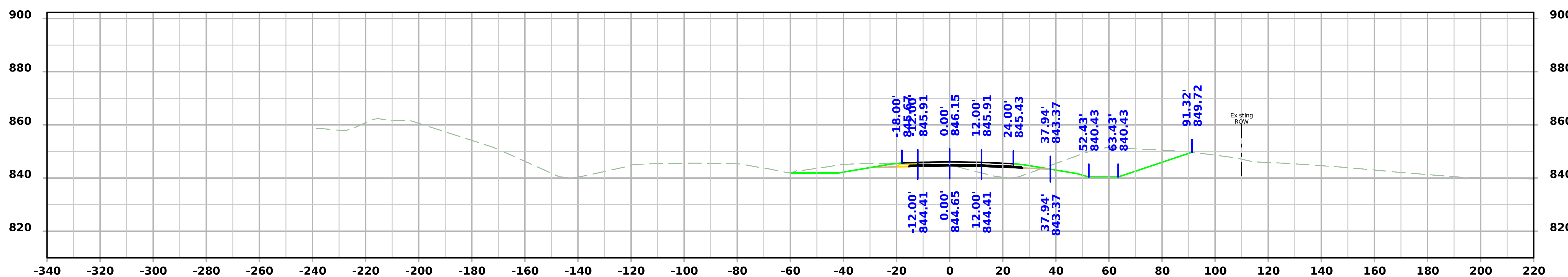
STA 131+50.00



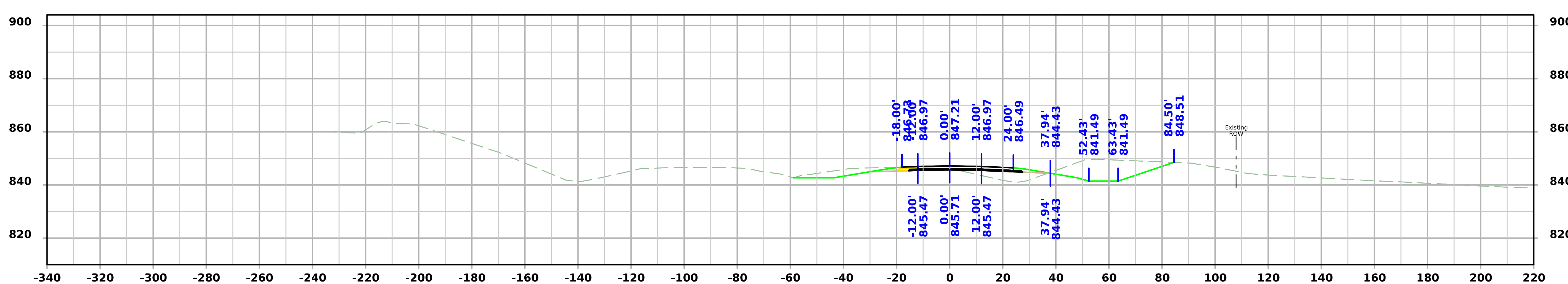
STA 131+00.00



STA 133+00.00

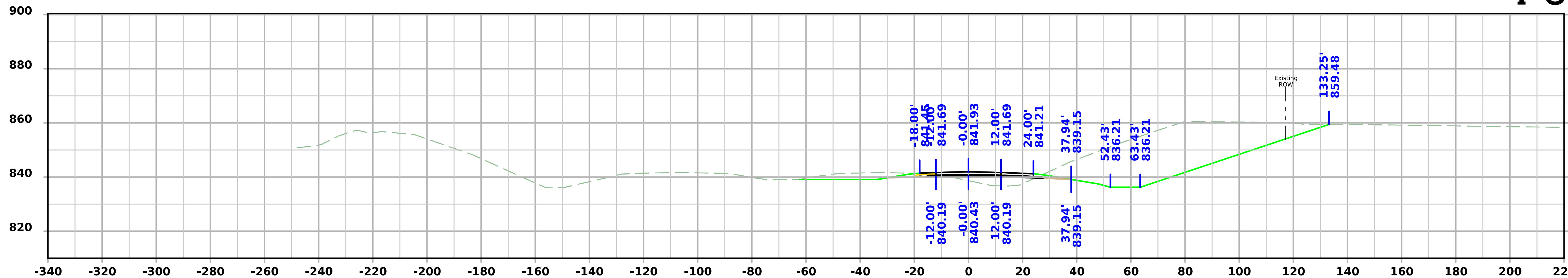


STA 132+50.00

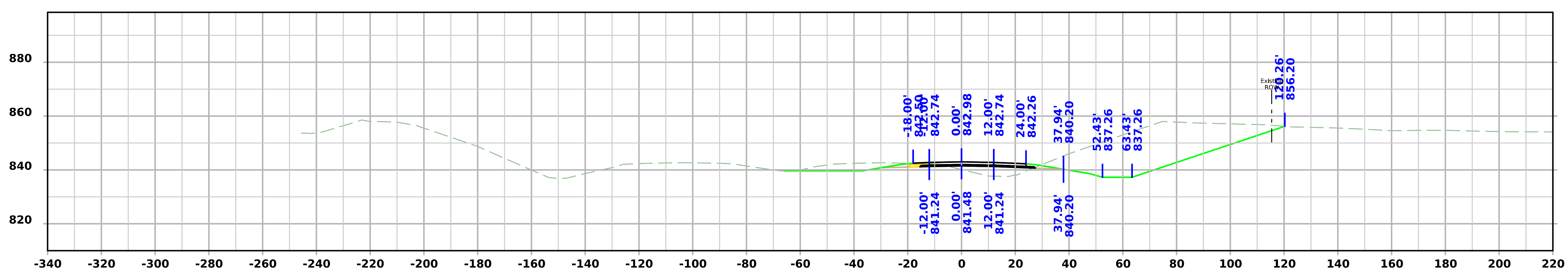


STA 132+00.00

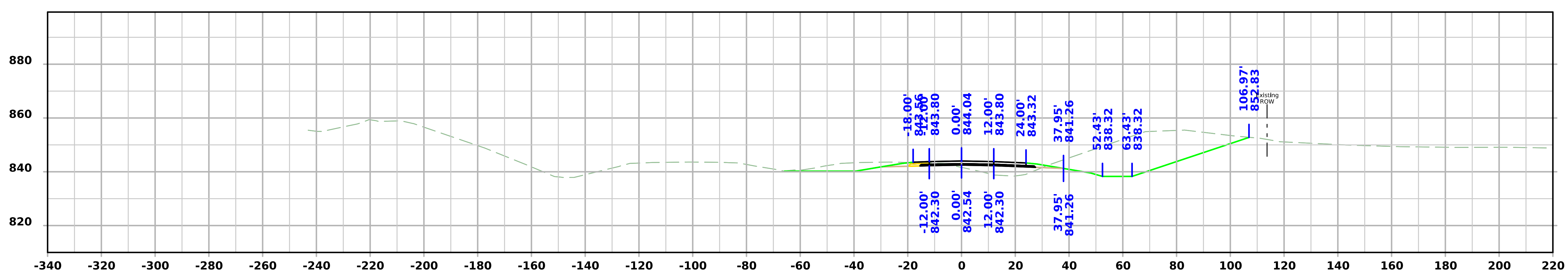
I-80



STA 134+50.00



STA 134+00.00

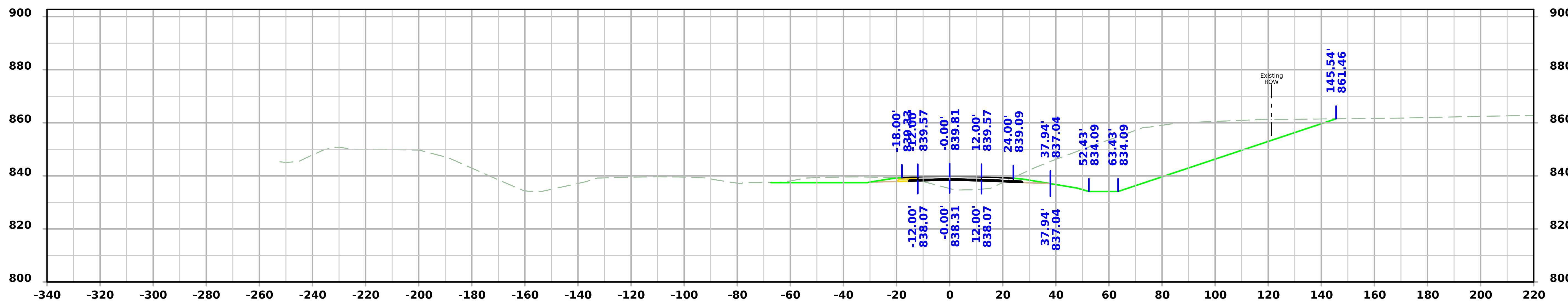


STA 133+50.00

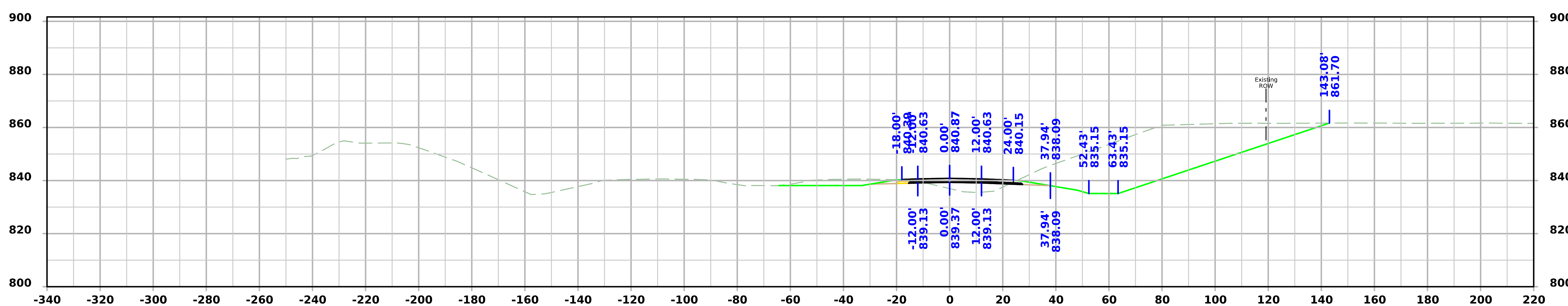
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.21

7:28:44 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 135+50.00

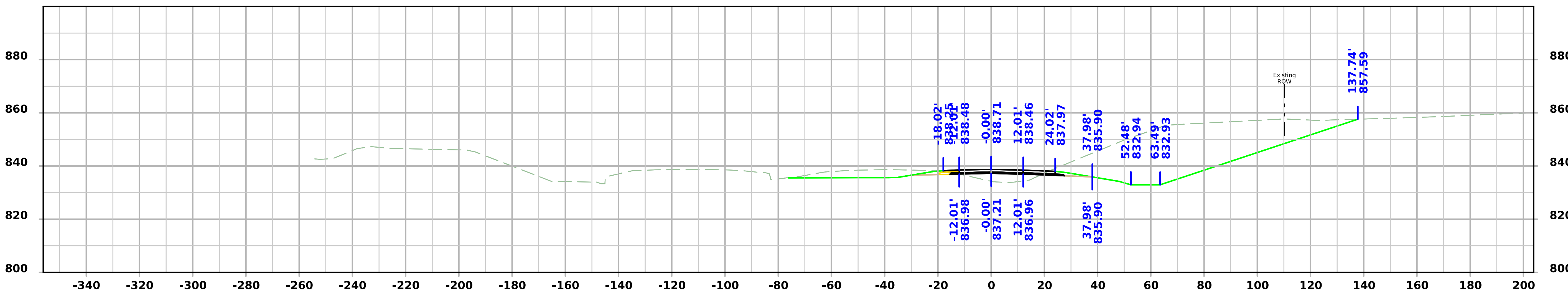


STA 135+00.00

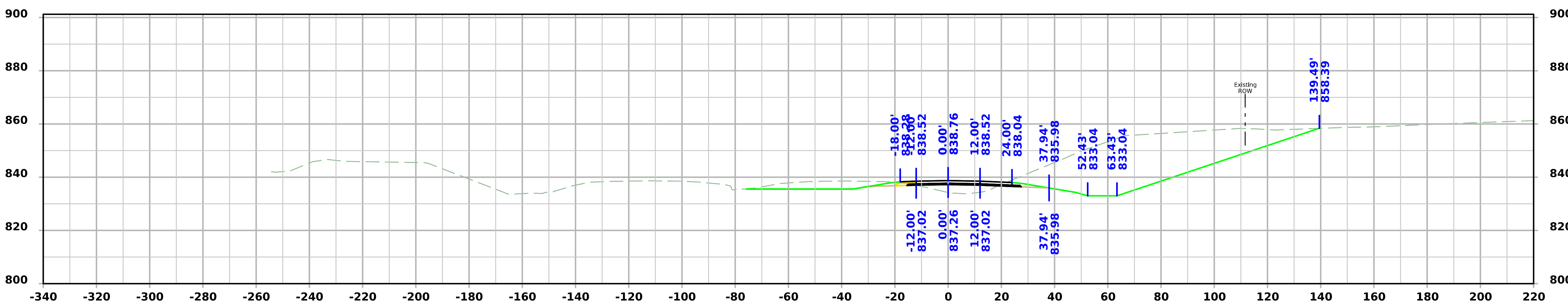
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.22

7:28:45 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 136+02.20

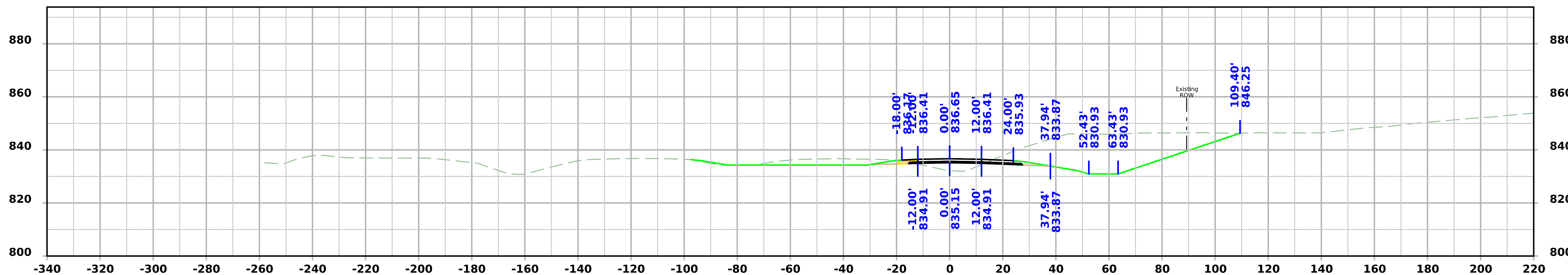


STA 136+00.00

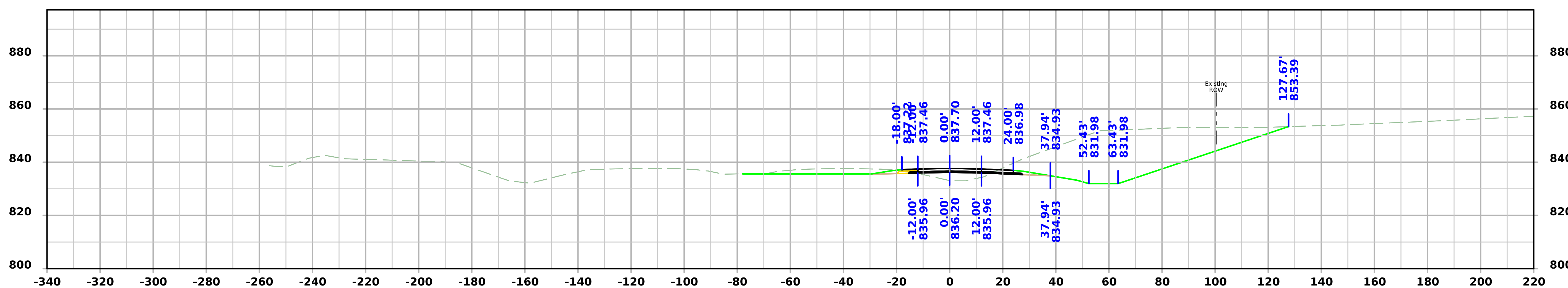
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.23

7:28:46 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



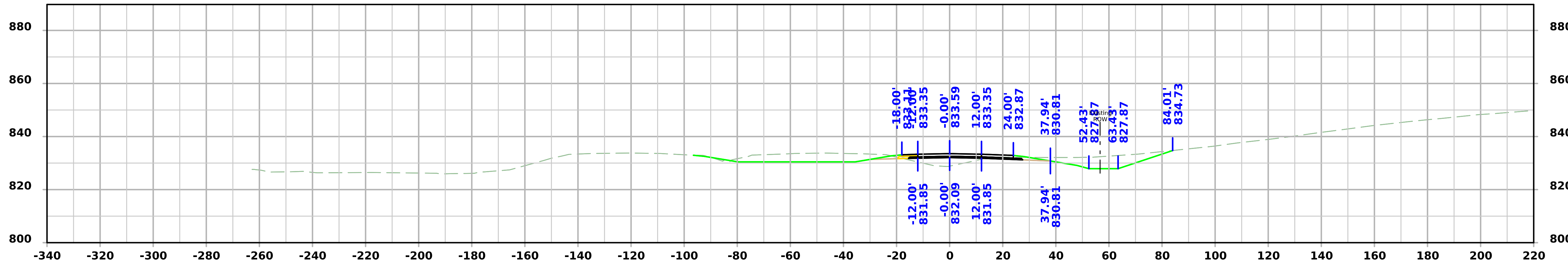
STA 137+00.00



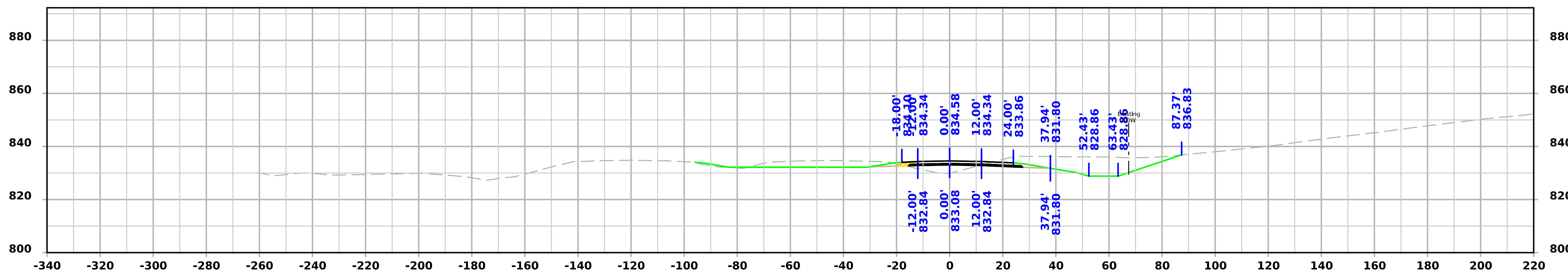
STA 136+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.24

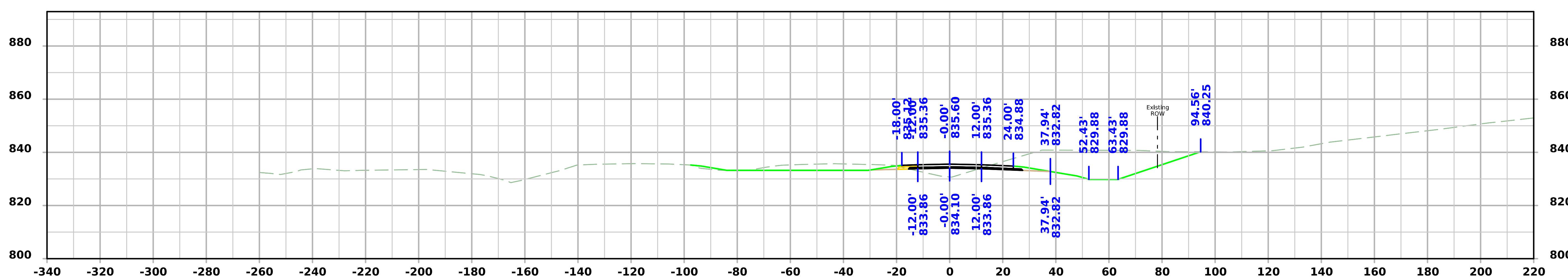
I-80



STA 138+50.00



STA 138+00.00

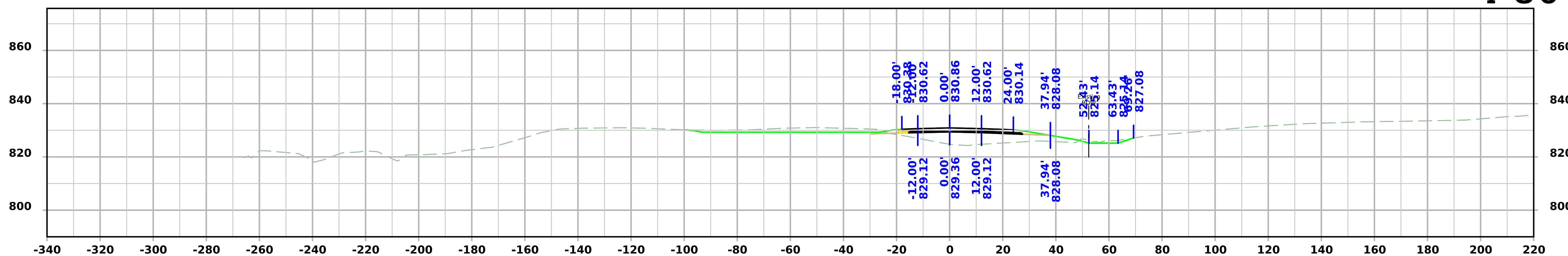


STA 137+50.00

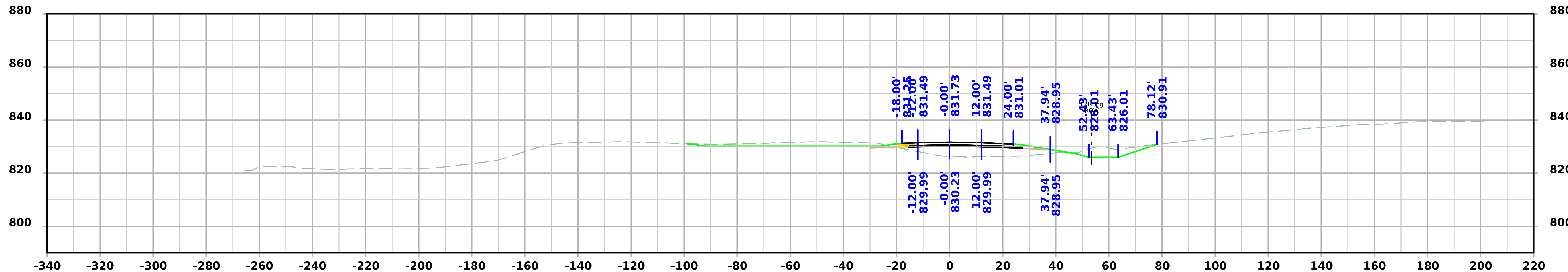
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.25

7:28:48 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

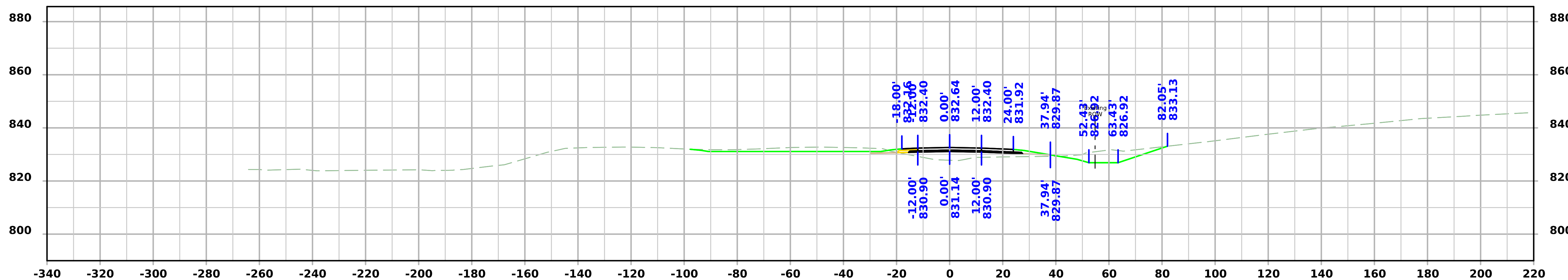
I-80



STA 140+00.00



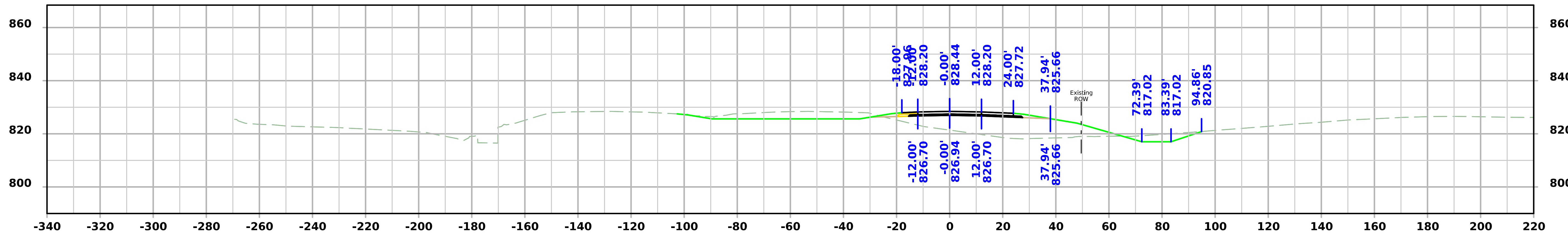
STA 139+50.00



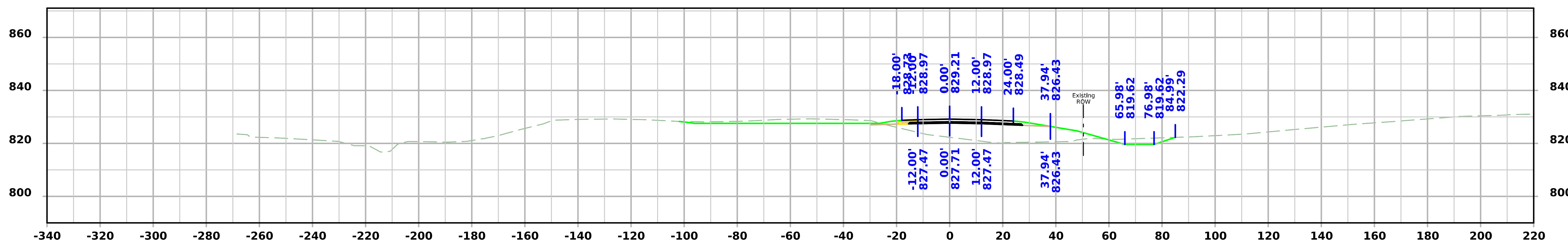
STA 139+00.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.26

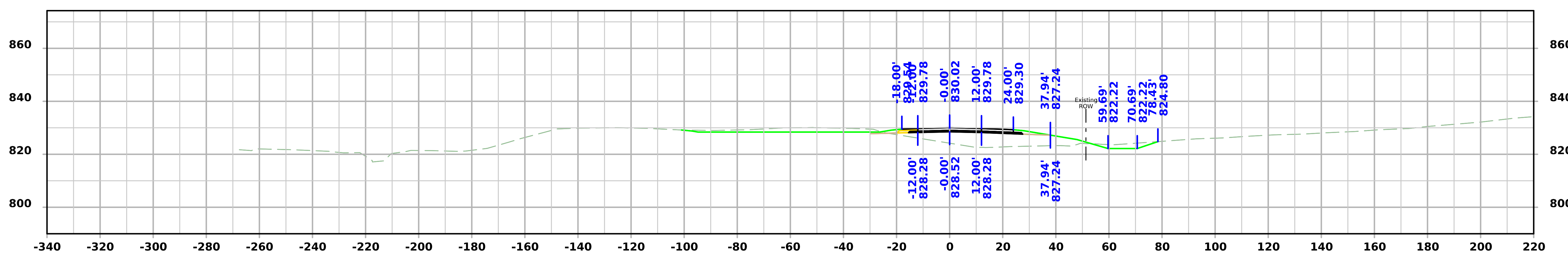
I-80



STA 141+50.00



STA 141+00.00

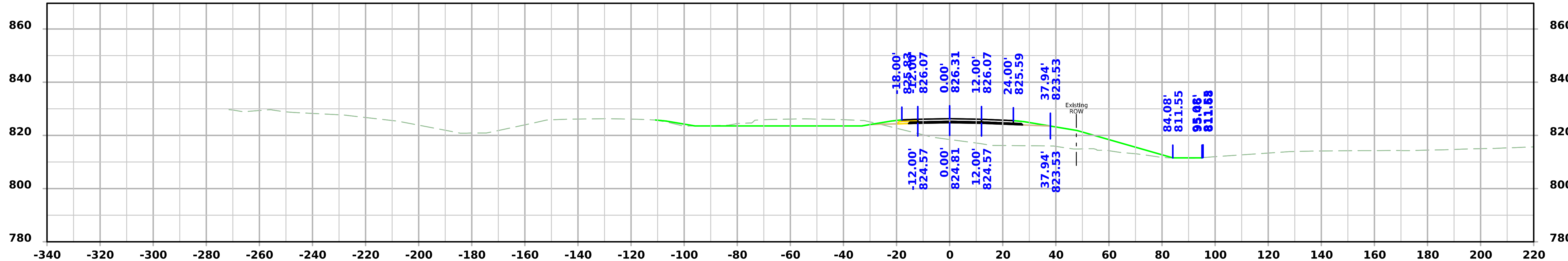


STA 140+50.00

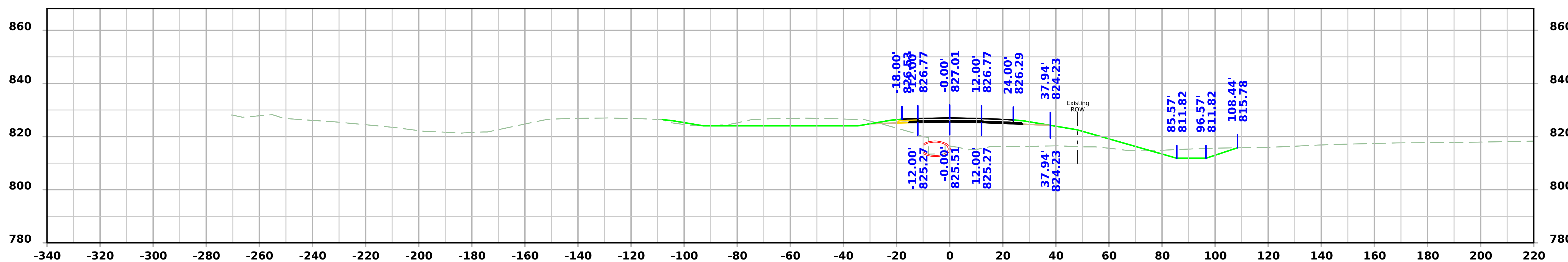
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.27

7:28:51 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

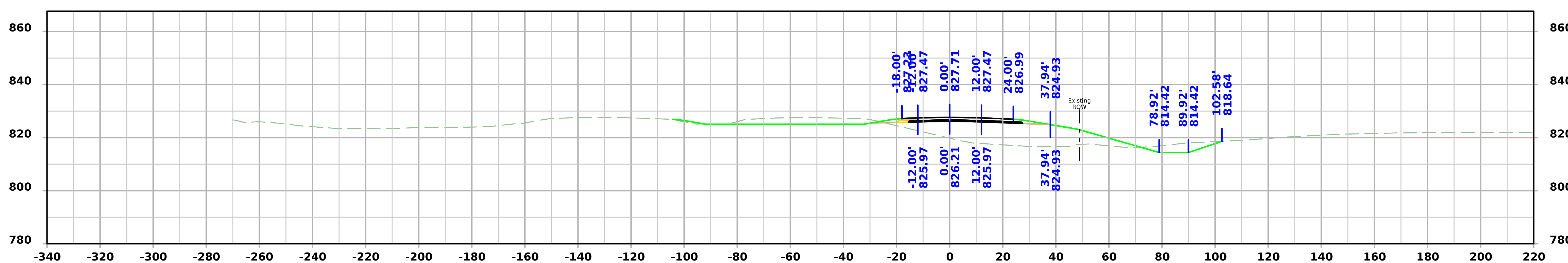
I-80



STA 143+00.00



STA 142+50.00

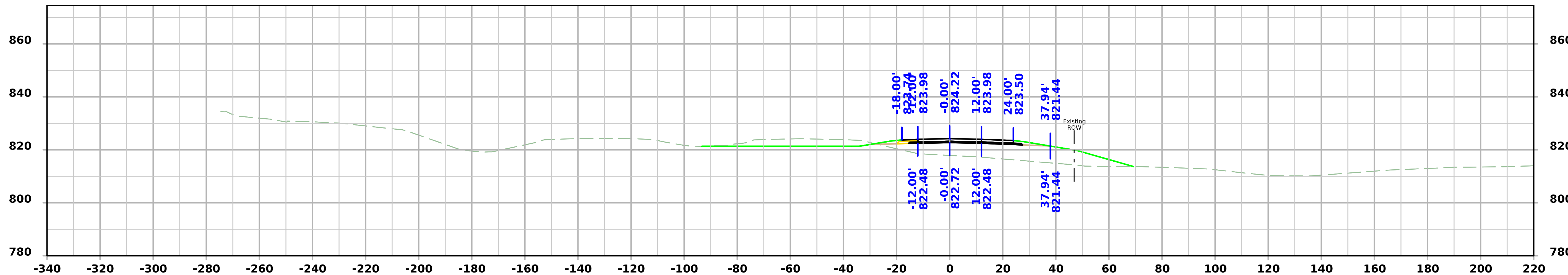


STA 142+00.00

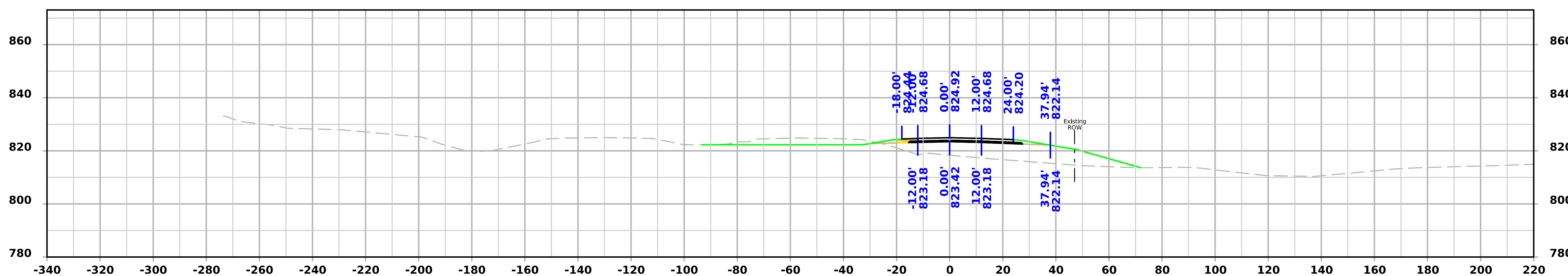
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.28

7:28:52 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

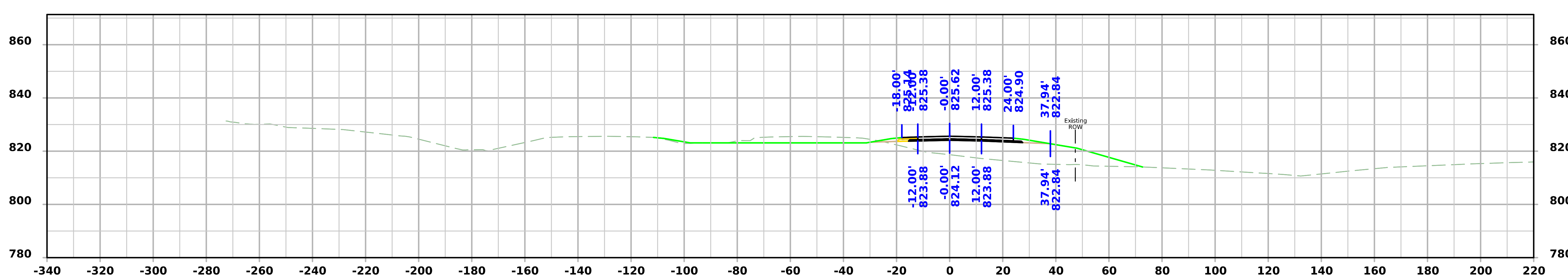
I-80



STA 144+50.00



STA 144+00.00

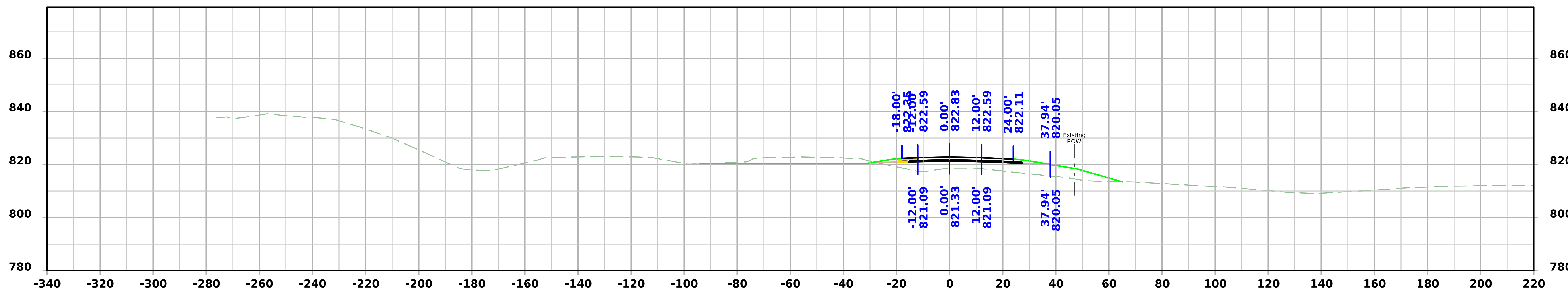


STA 143+50.00

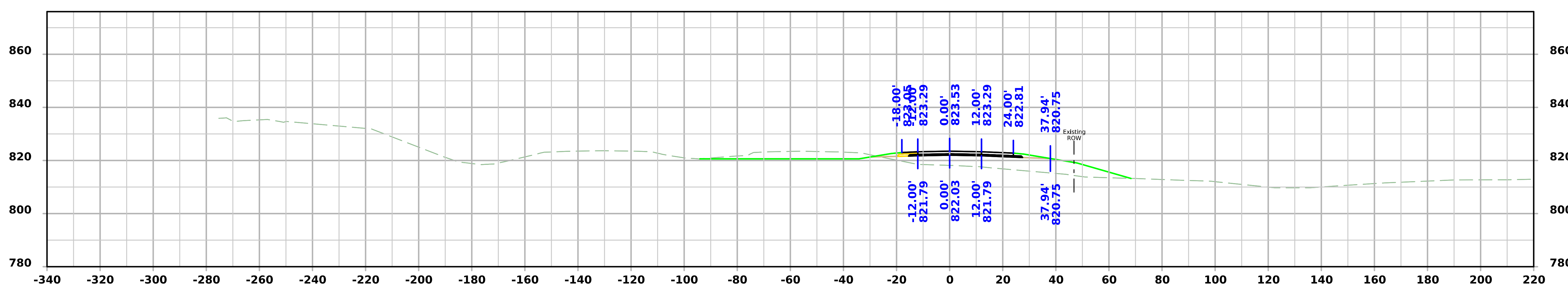
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.29

7:28:53 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



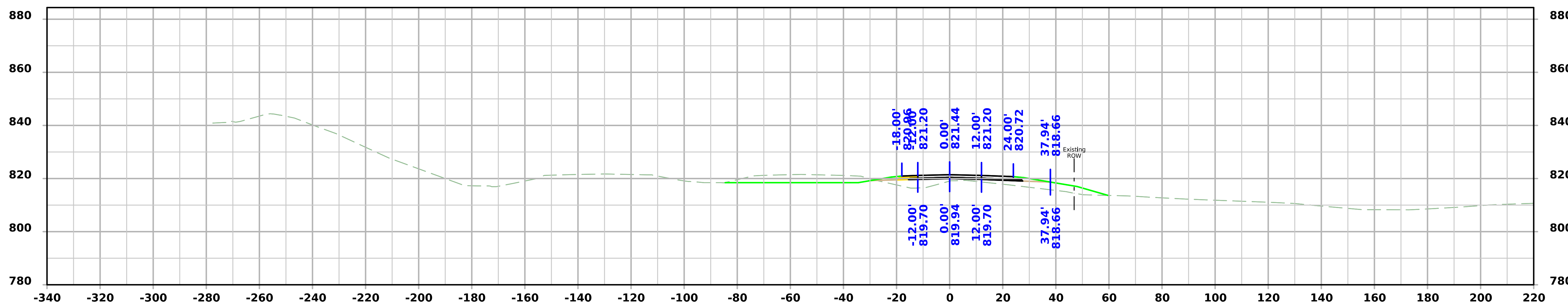
STA 145+50.00



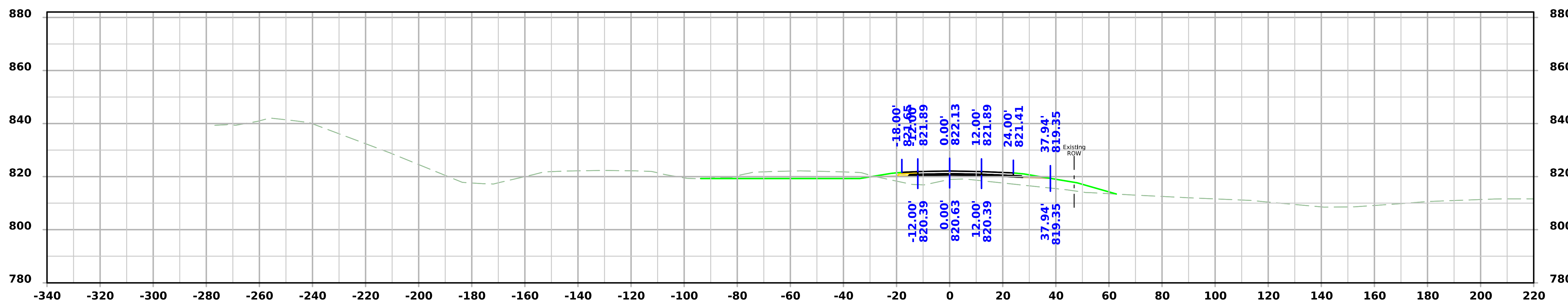
STA 145+00.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.30

I-80



STA 146+50.00

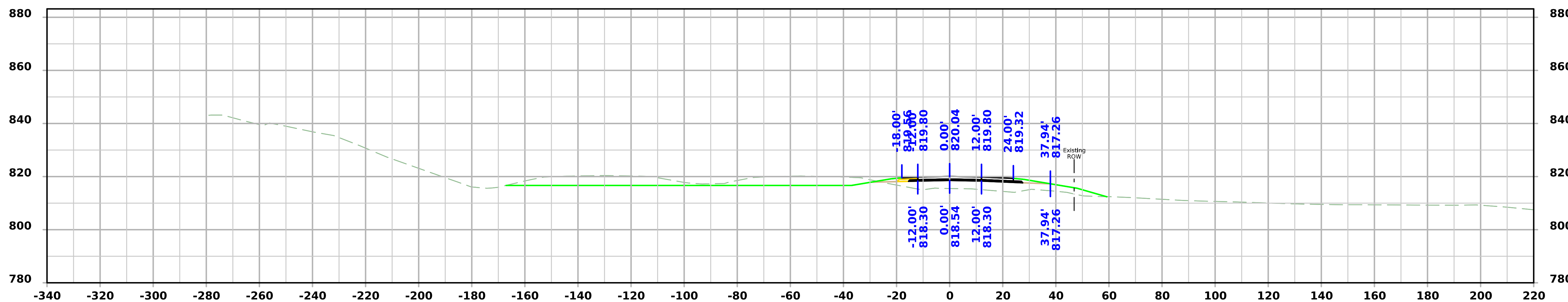


STA 146+00.00

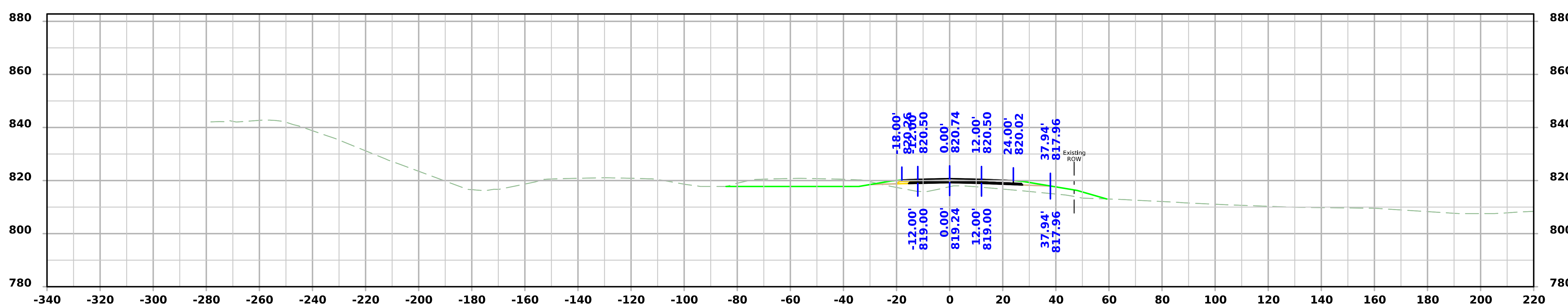
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.31

7:28:55 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 147+50.00

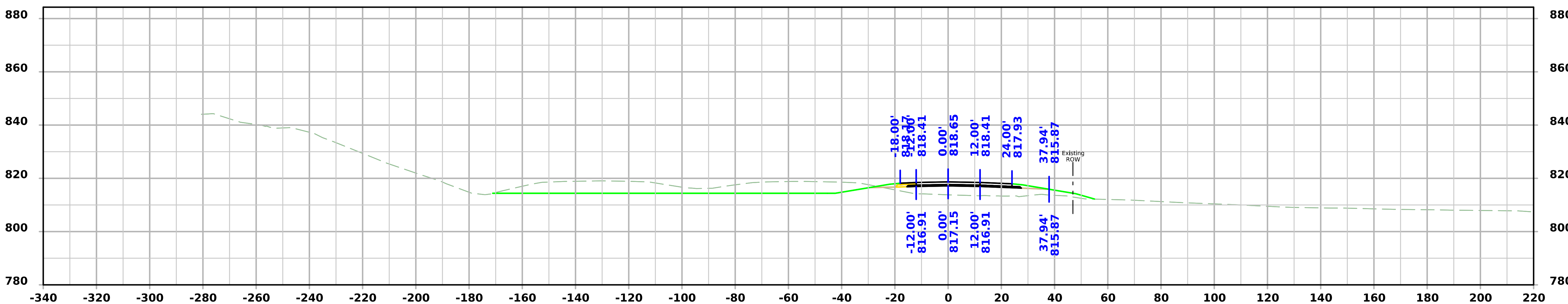


STA 147+00.00

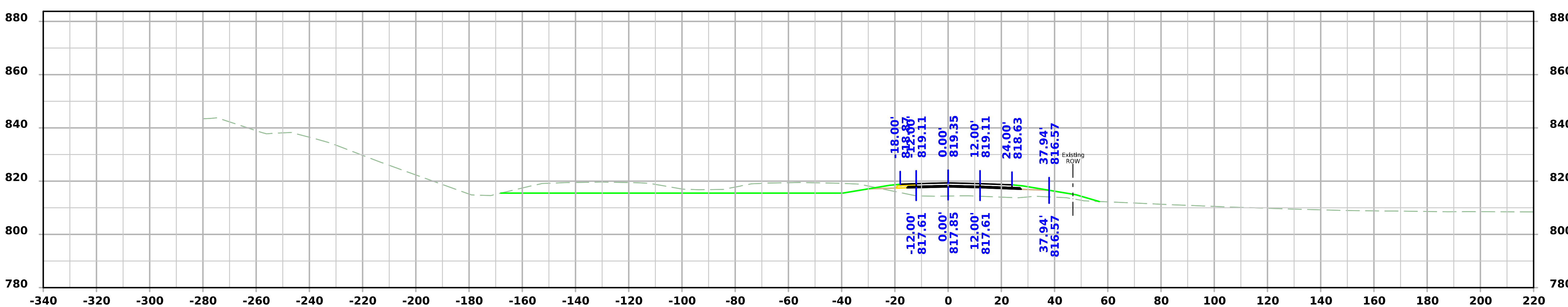
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.32

7:28:56 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



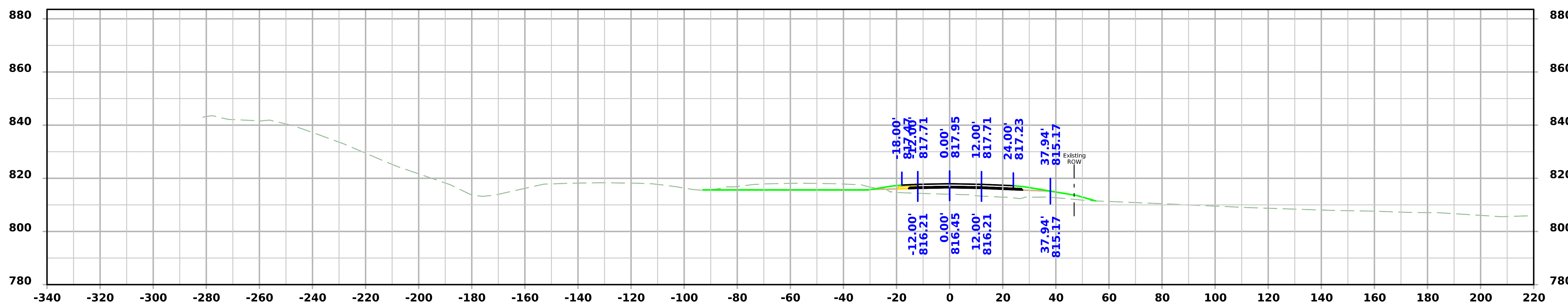
STA 148+50.00



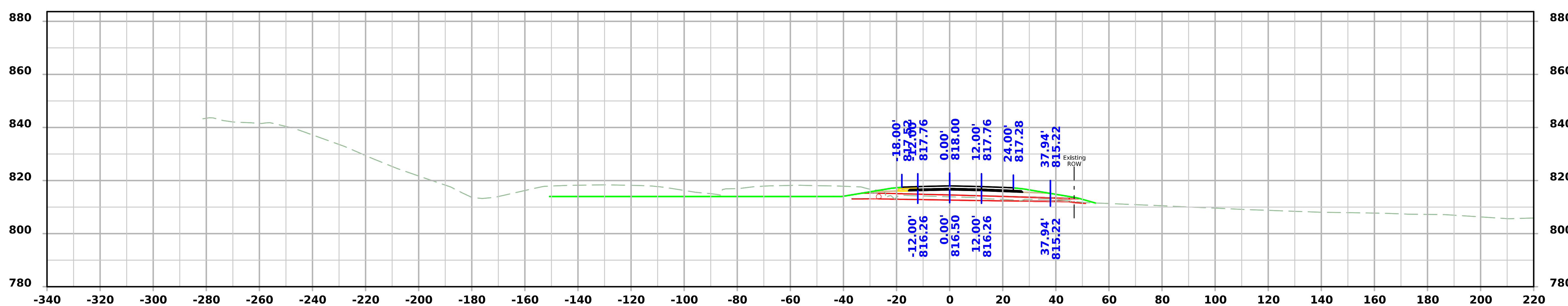
STA 148+00.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.33

I-80



STA 149+00.00

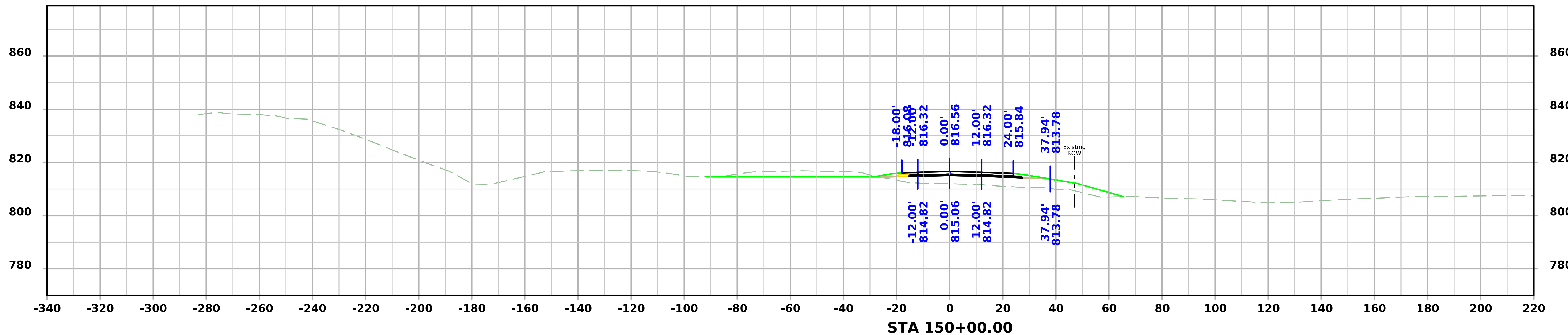


STA 148+96.50

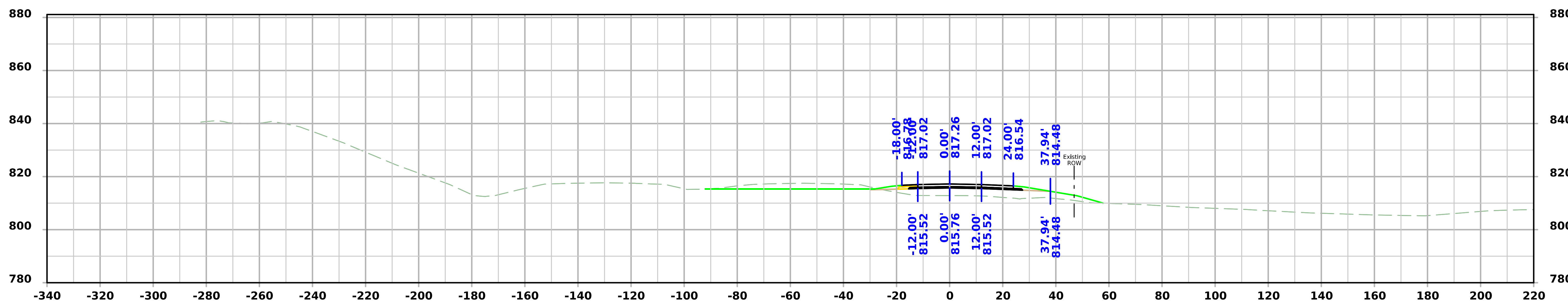
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.34

7:28:59 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 150+00.00

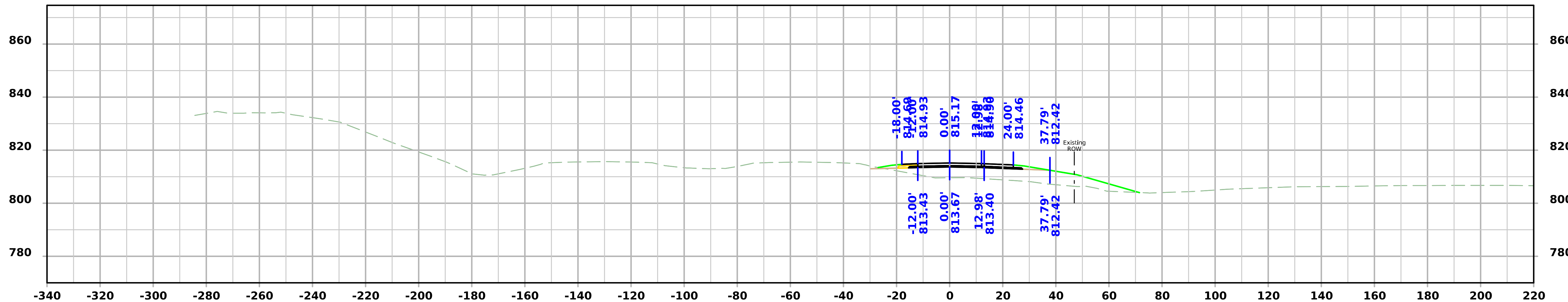


STA 149+50.00

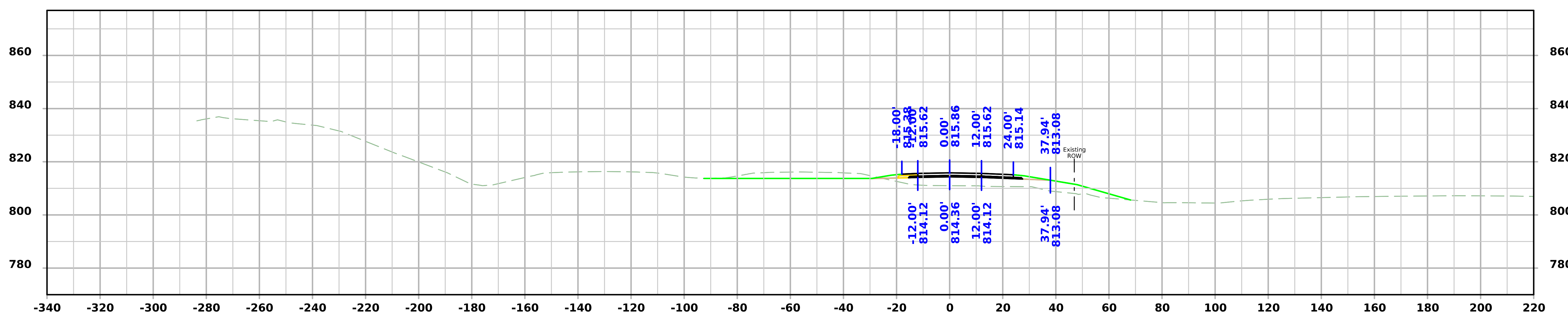
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.35

7:29:00 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



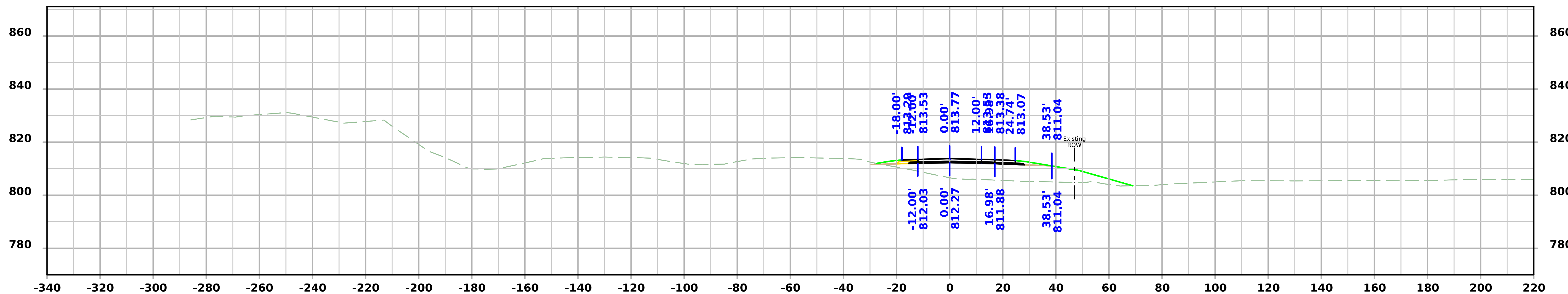
STA 151+00.00



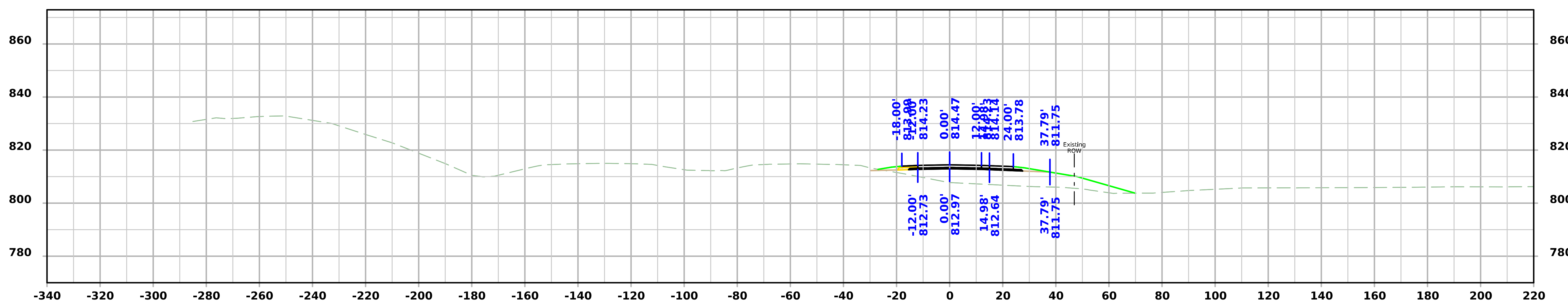
STA 150+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT		Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.36

I-80



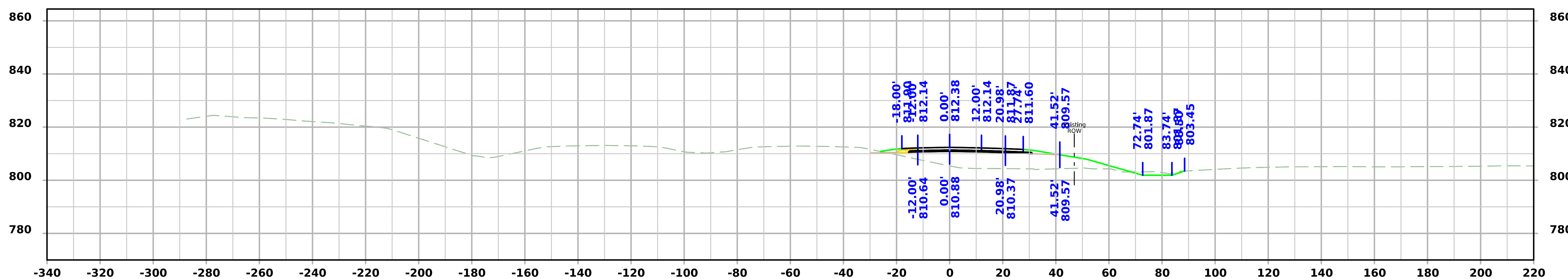
STA 152+00.00



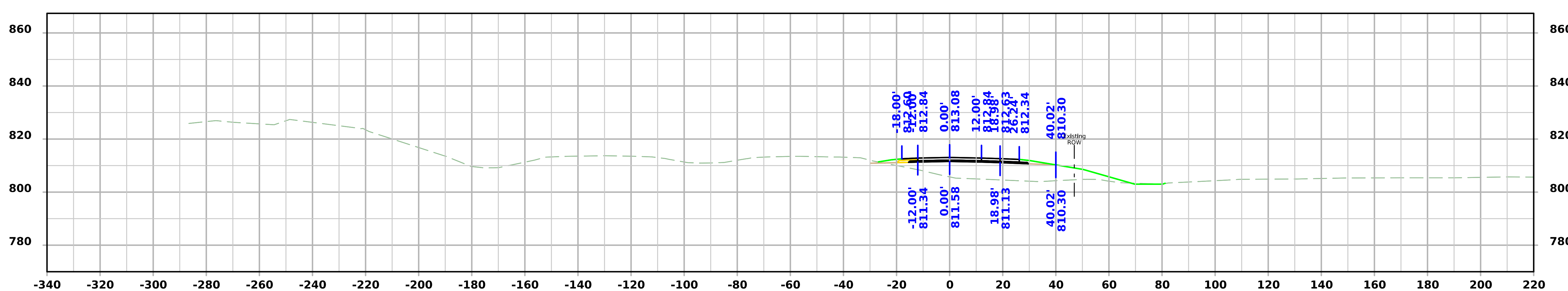
STA 151+50.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.37

I-80



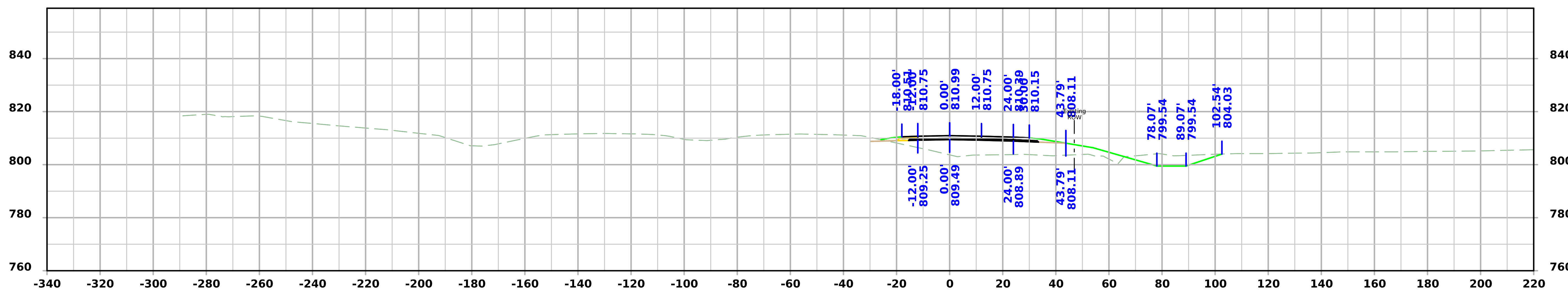
STA 153+00.00



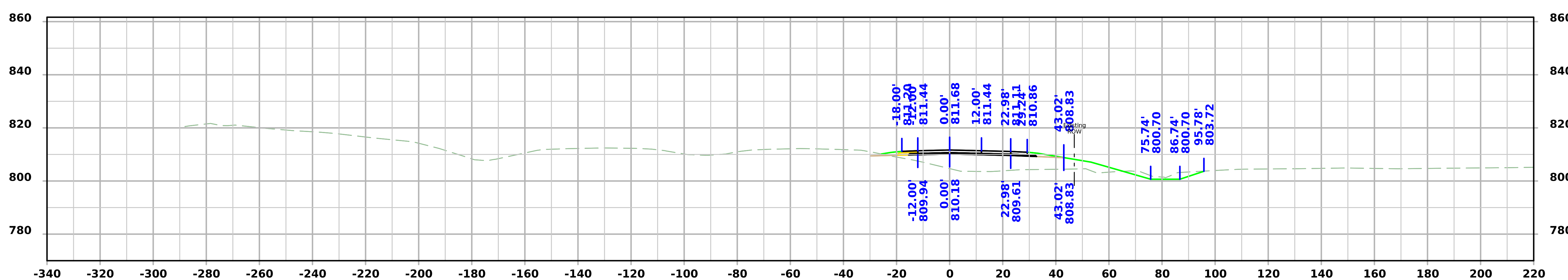
STA 152+50.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.38

I-80



STA 154+00.00

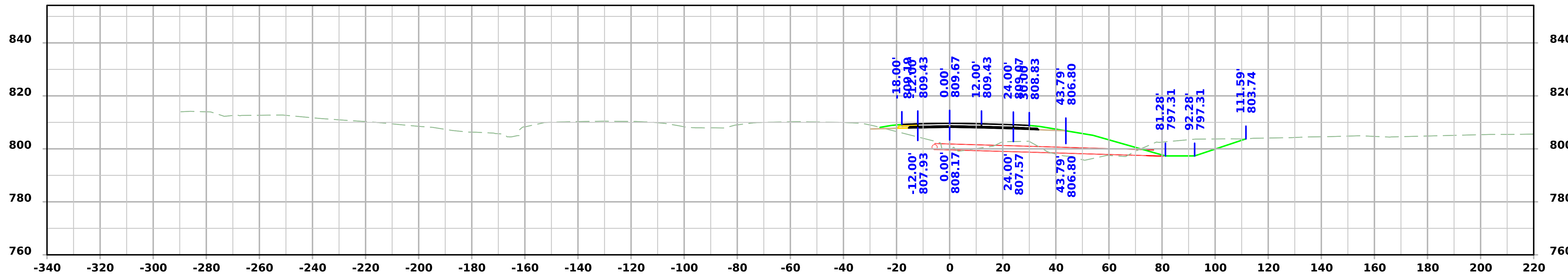


STA 153+50.00

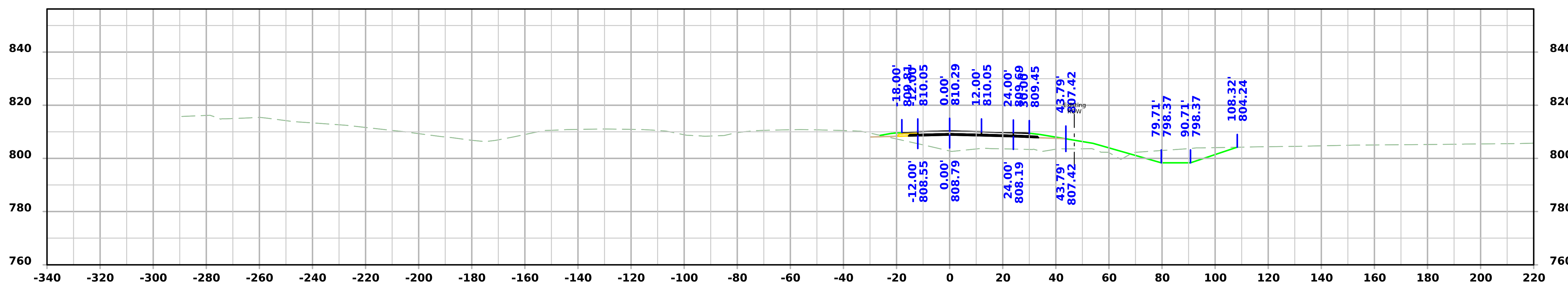
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.39

7:29:04 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80

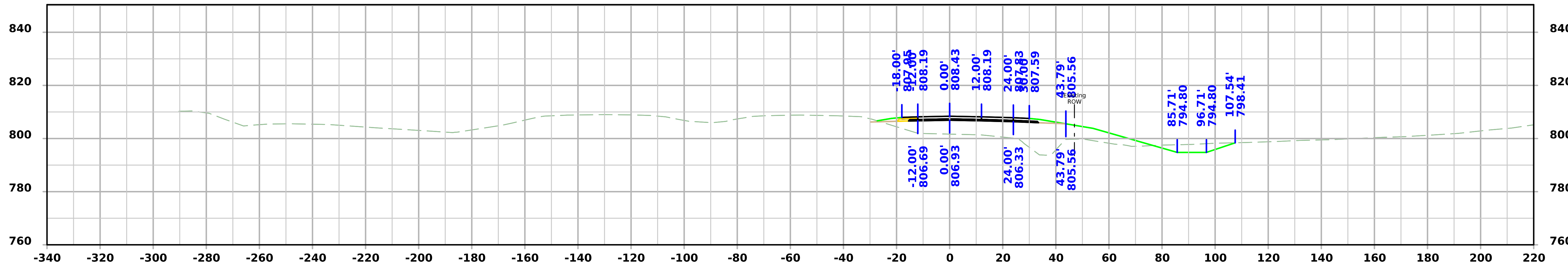


STA 154+95.64

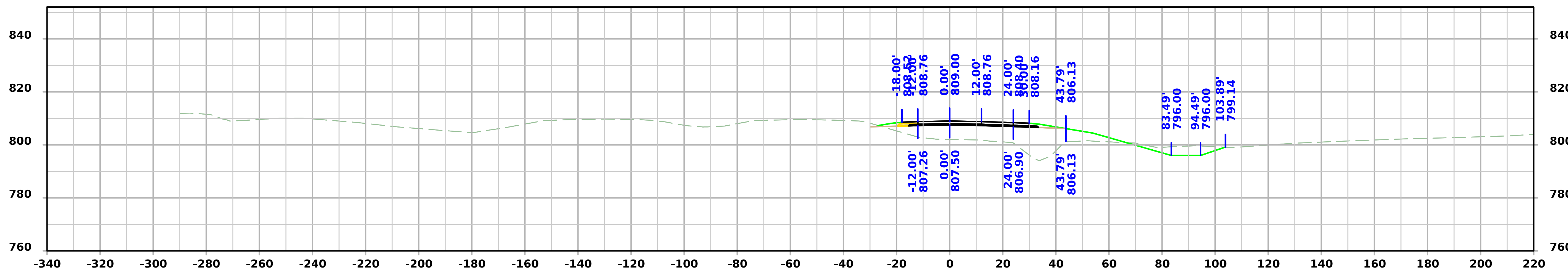


STA 154+50.00

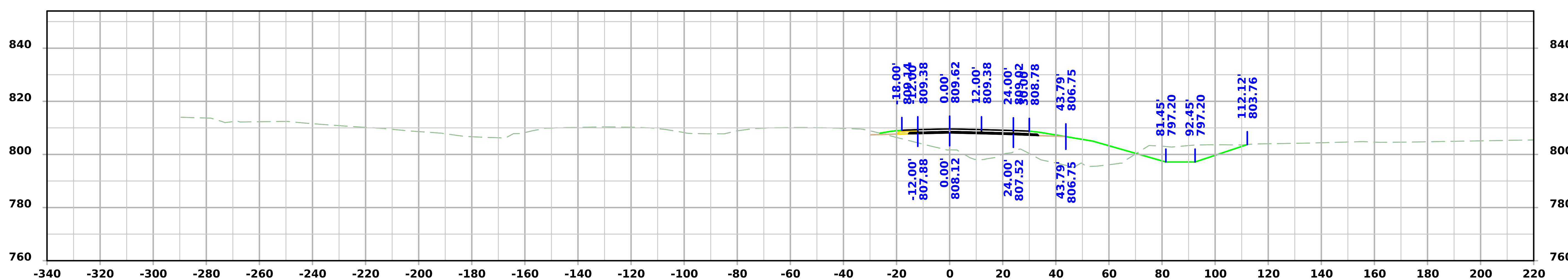
I-80



STA 156+00.00

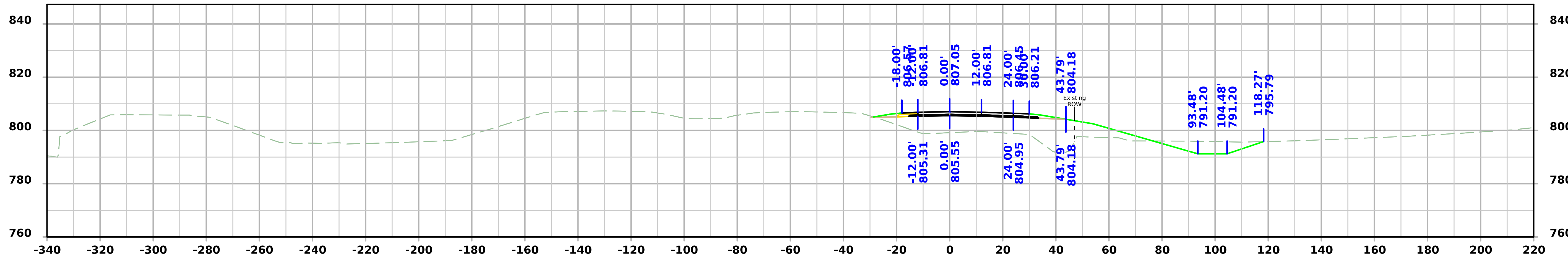


STA 155+50.00

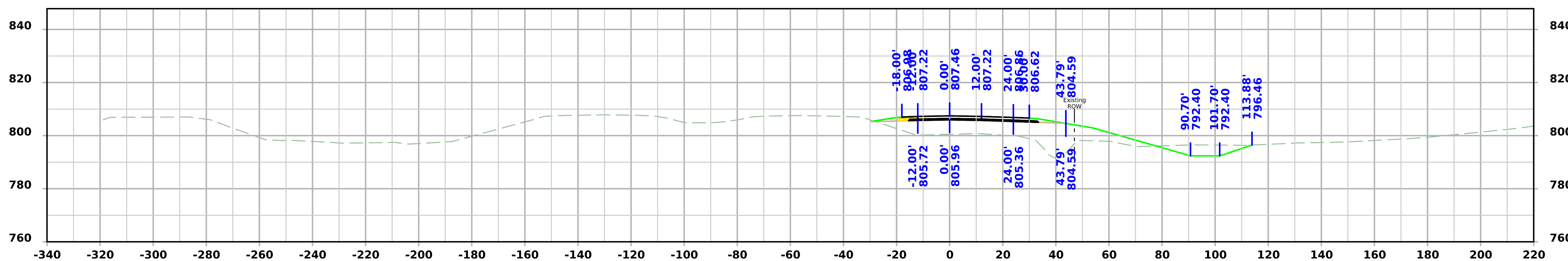


STA 155+00.00

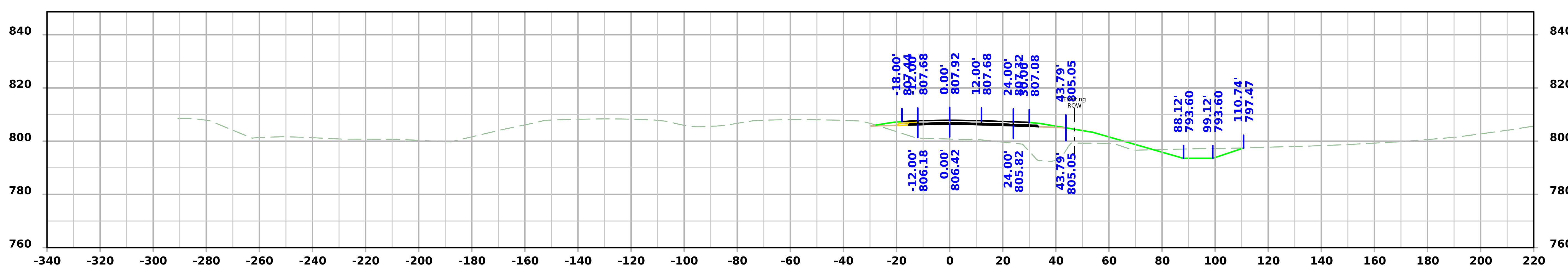
I-80



STA 157+50.00



STA 157+00.00

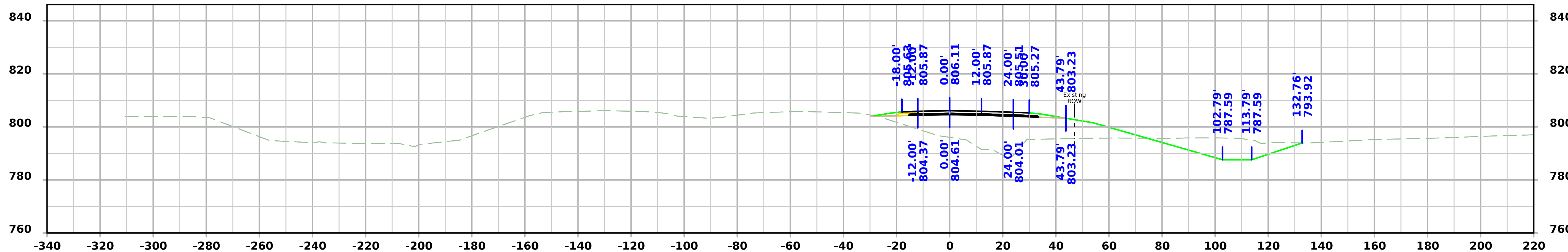


STA 156+50.00

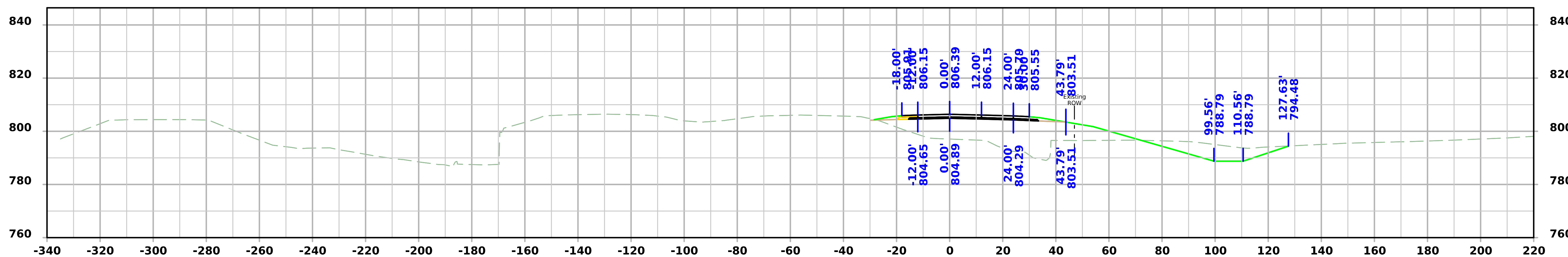
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT		Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.42

7:29:07 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

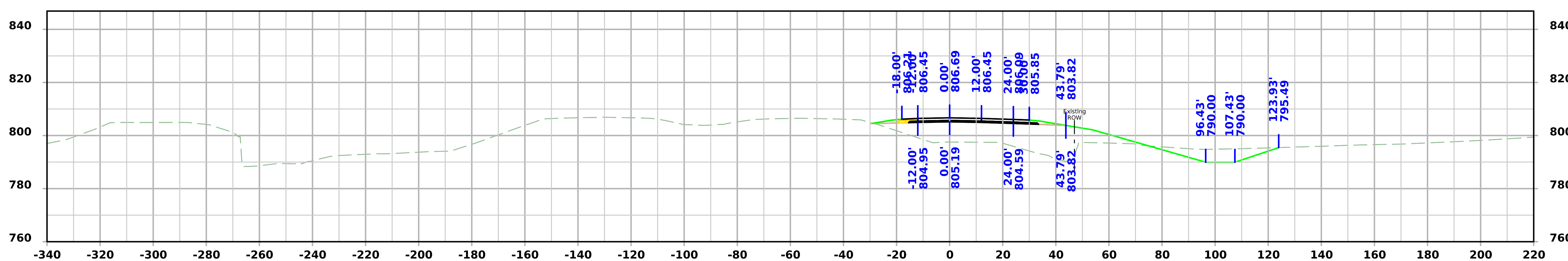
I-80



STA 159+00.00



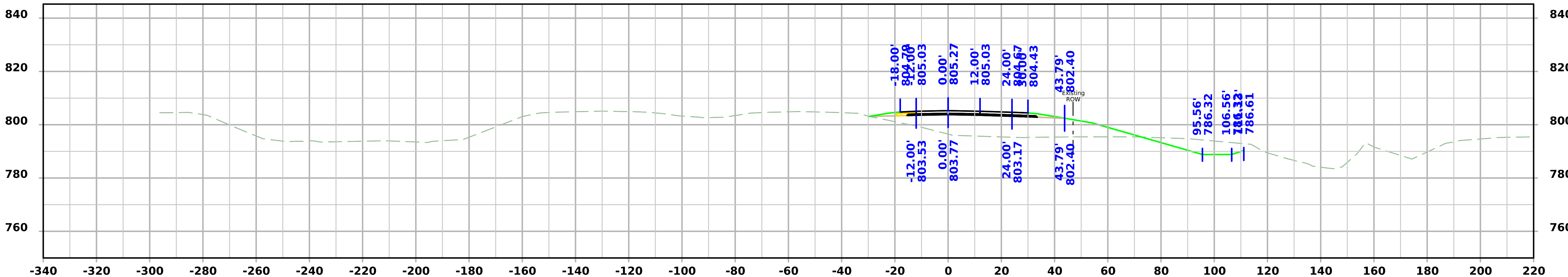
STA 158+50.00



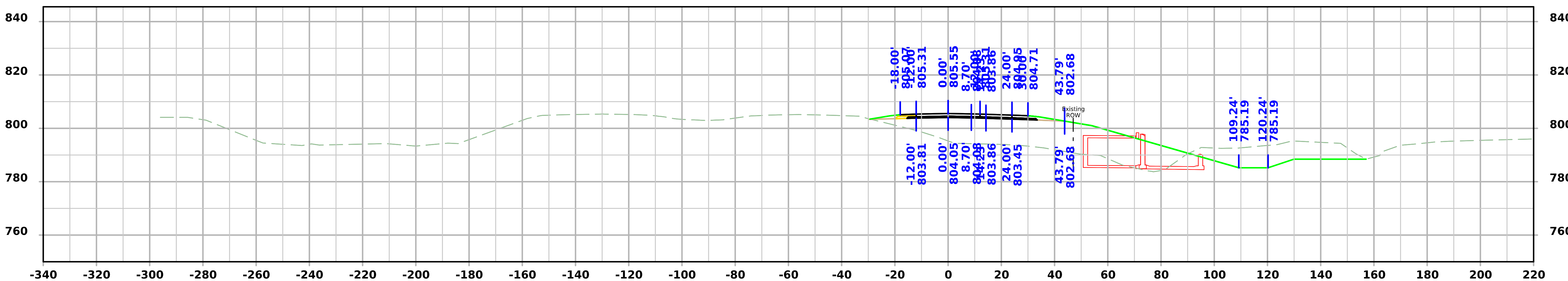
STA 158+00.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.43

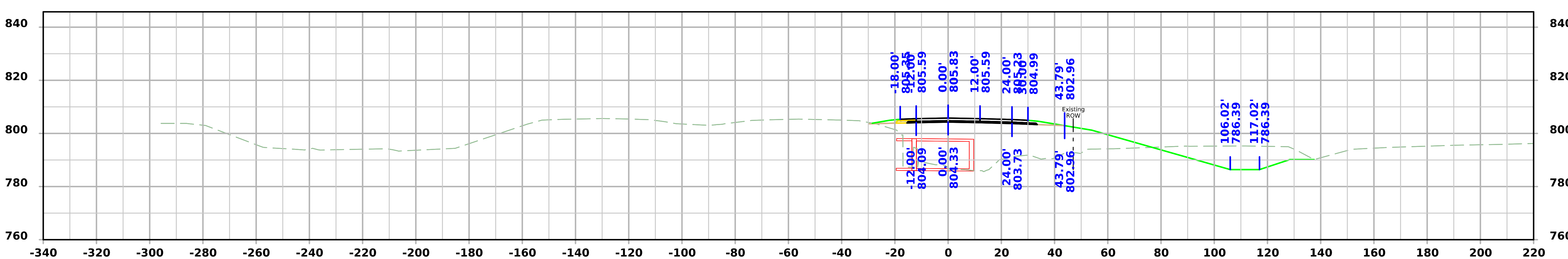
I-80



STA 160+50.00

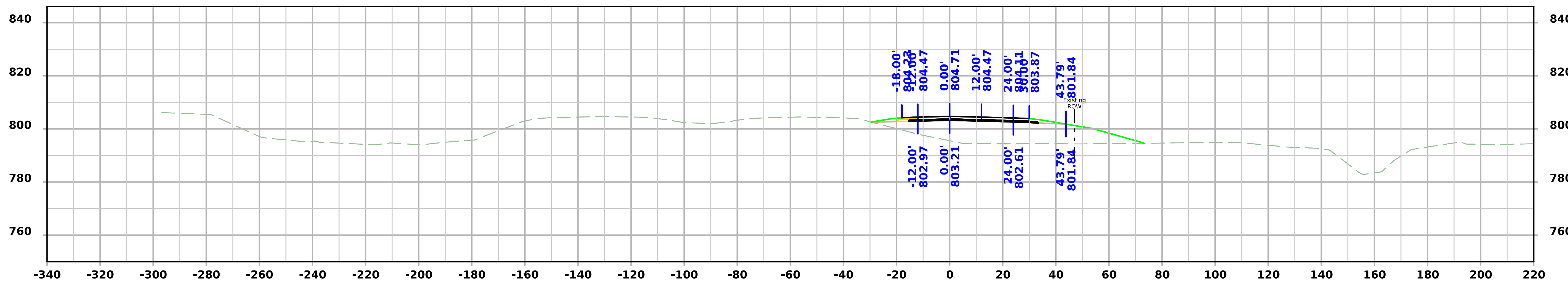


STA 160+00.00

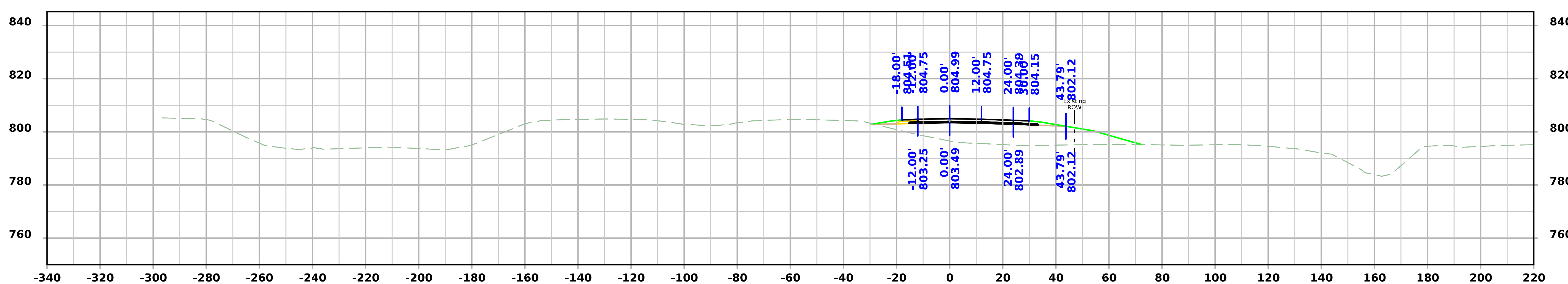


STA 159+50.00

I-80



STA 161+50.00

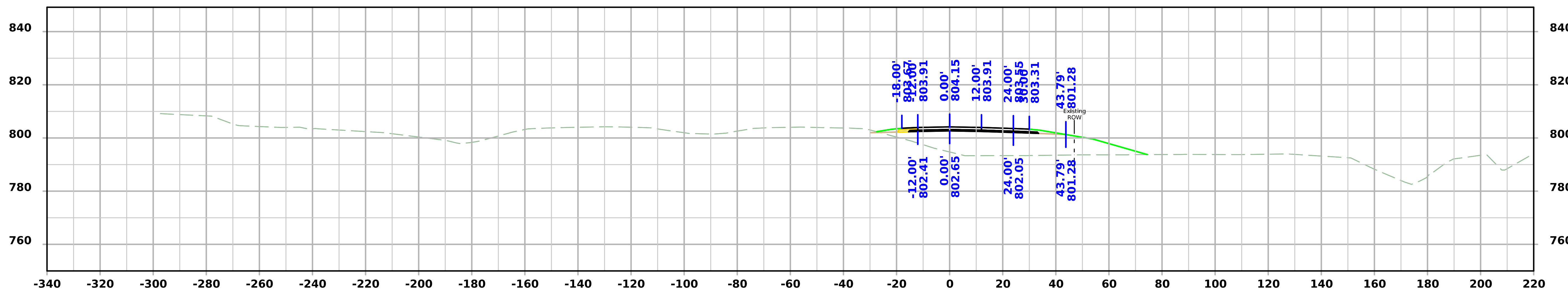


STA 161+00.00

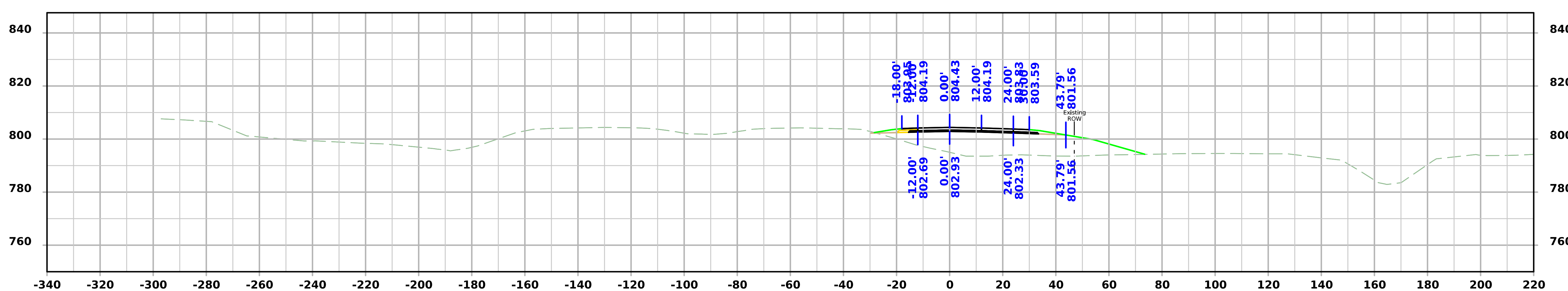
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.45

7:29:11 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



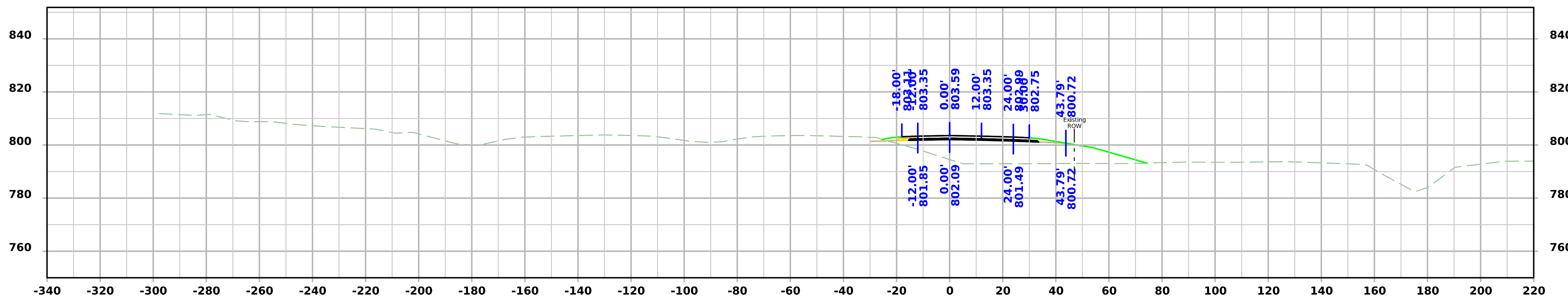
STA 162+50.00



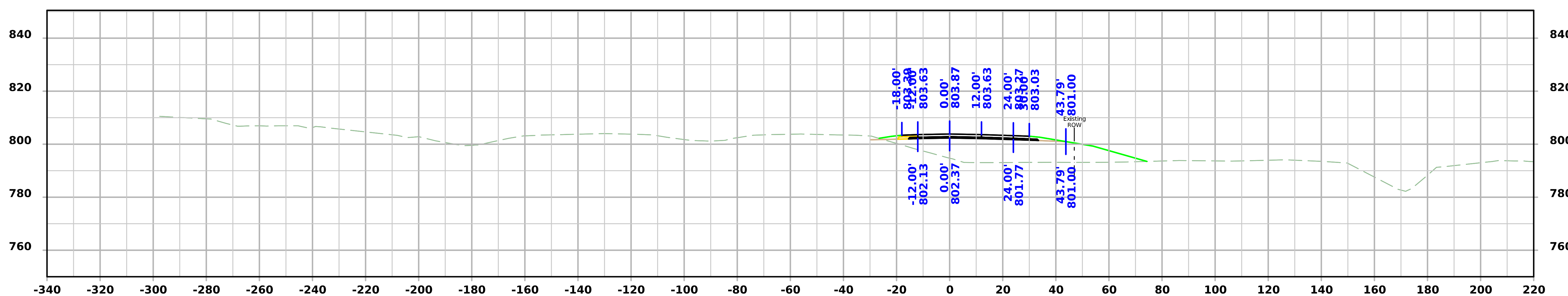
STA 162+00.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.46

I-80



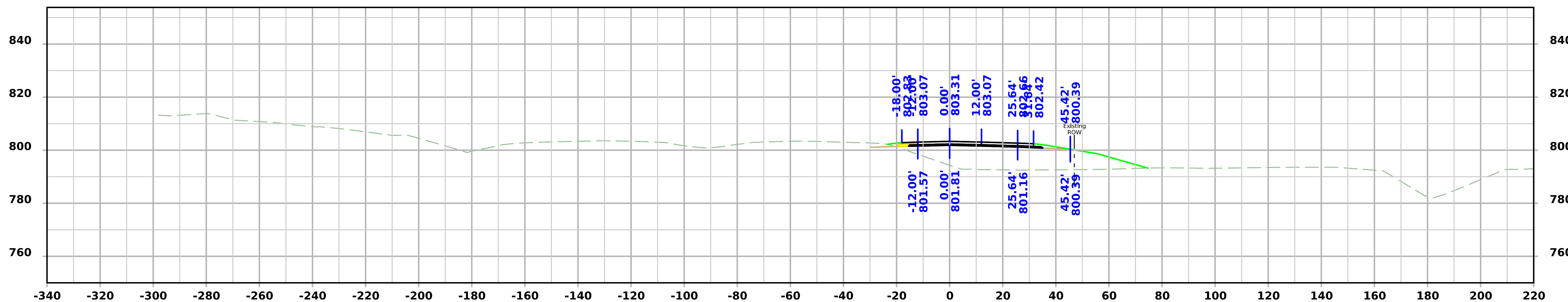
STA 163+50.00



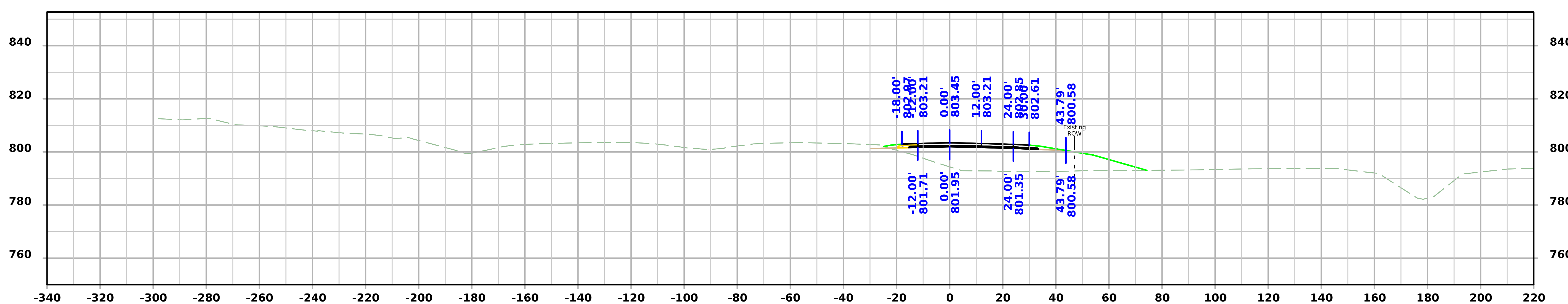
STA 163+00.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.47

I-80



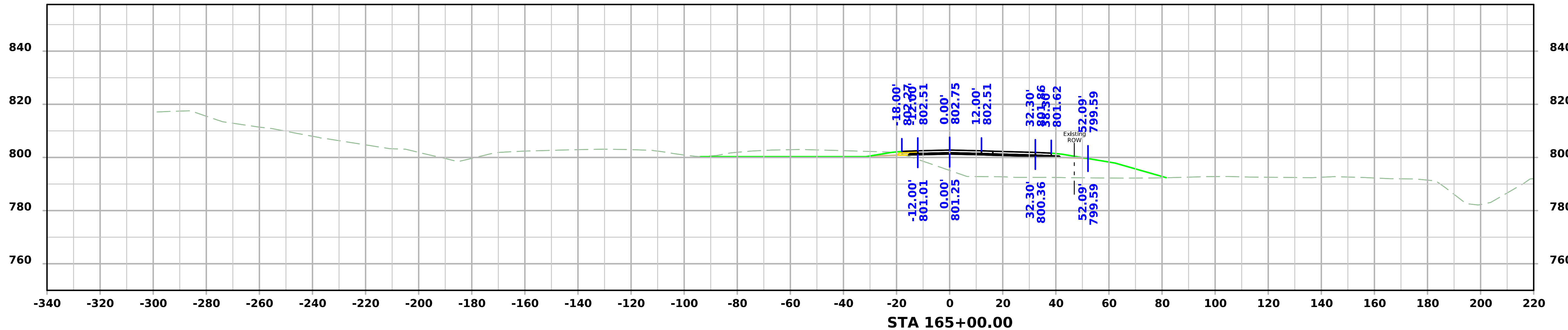
STA 164+00.00



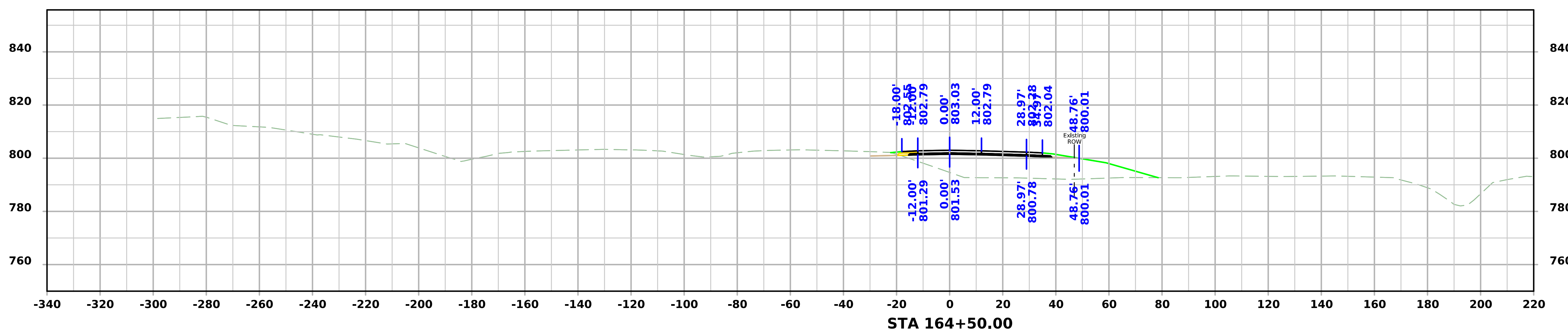
STA 163+75.46

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.48

I-80

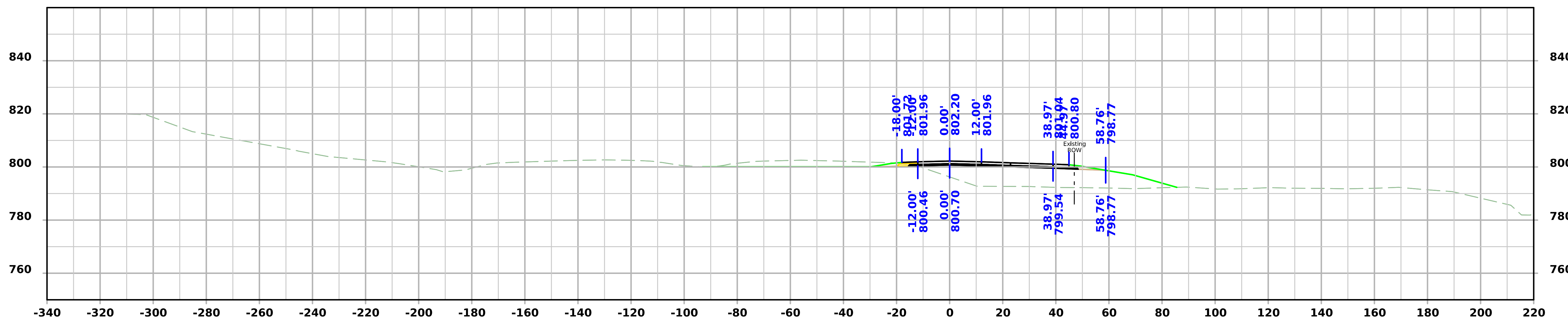


STA 165+00.00

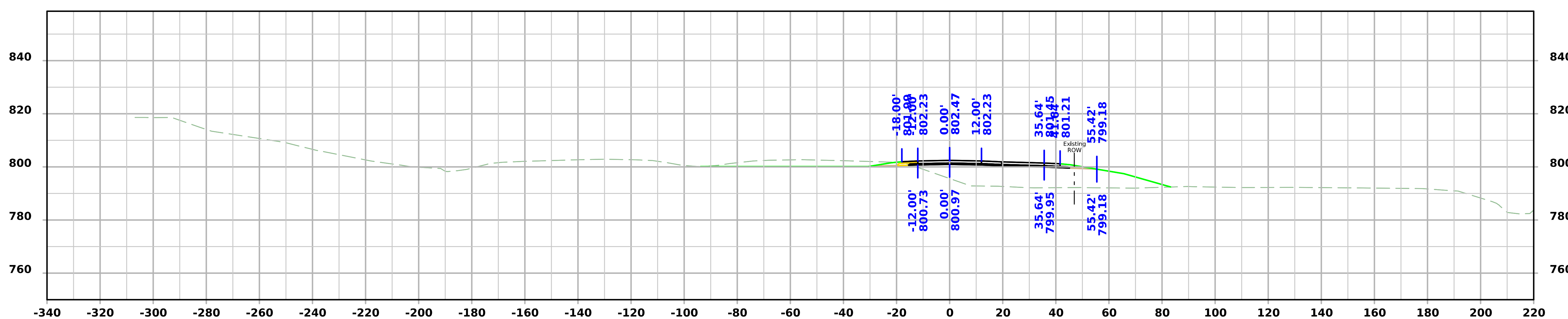


STA 164+50.00

I-80



STA 166+00.00

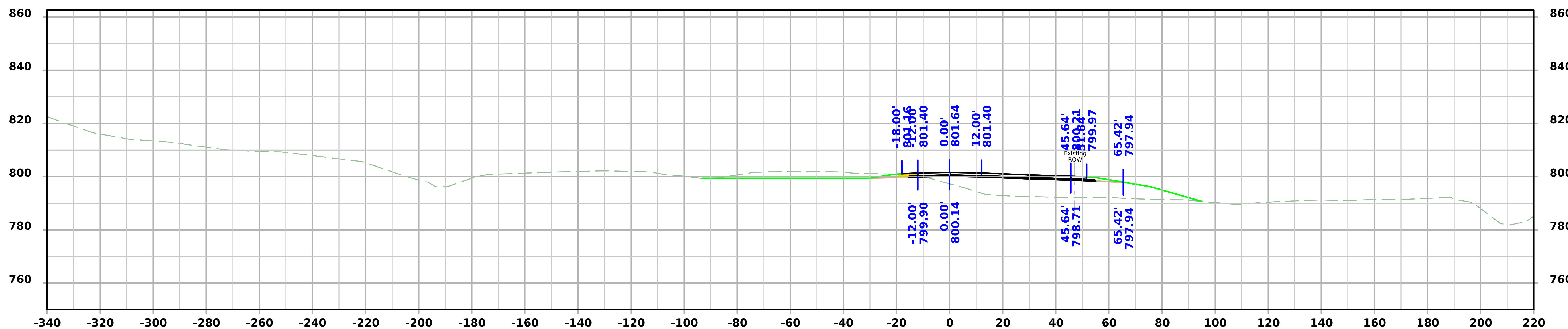


STA 165+50.00

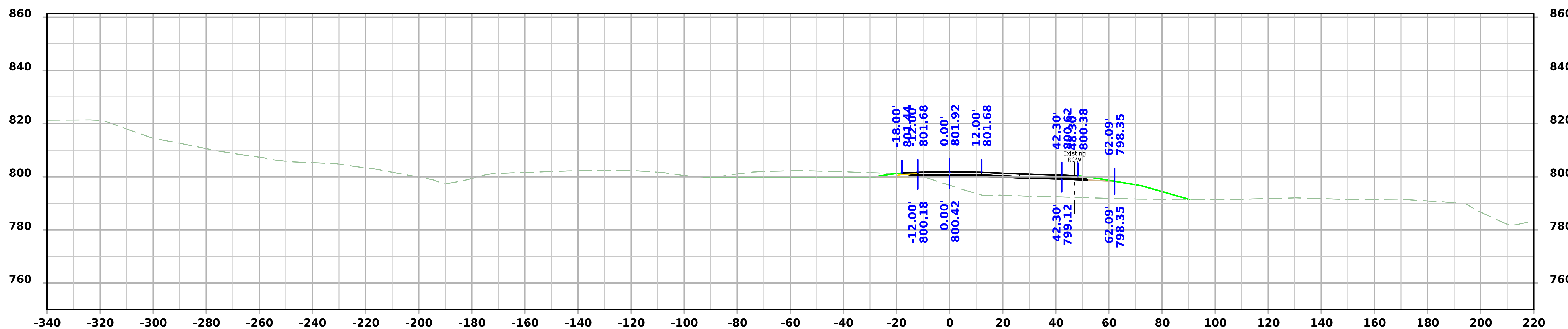
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.50

7:29:16 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 167+00.00

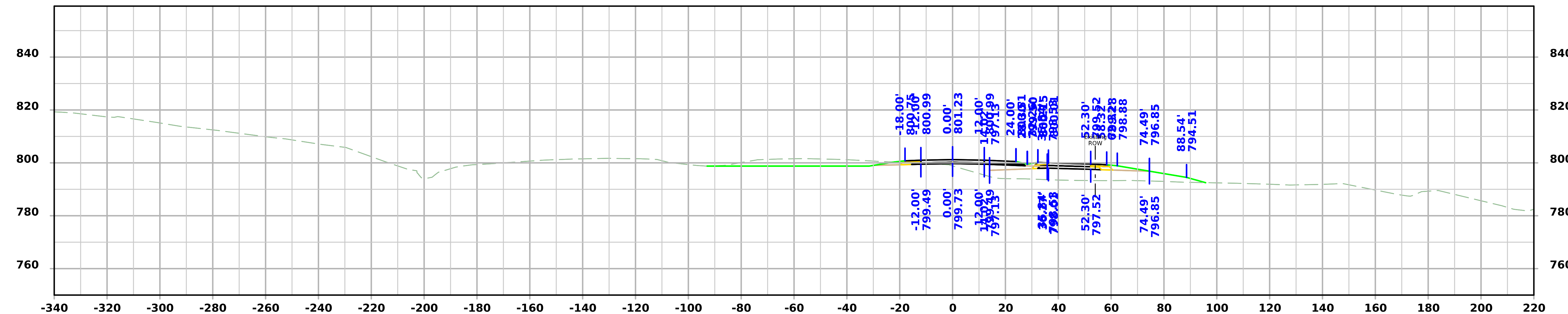


STA 166+50.00

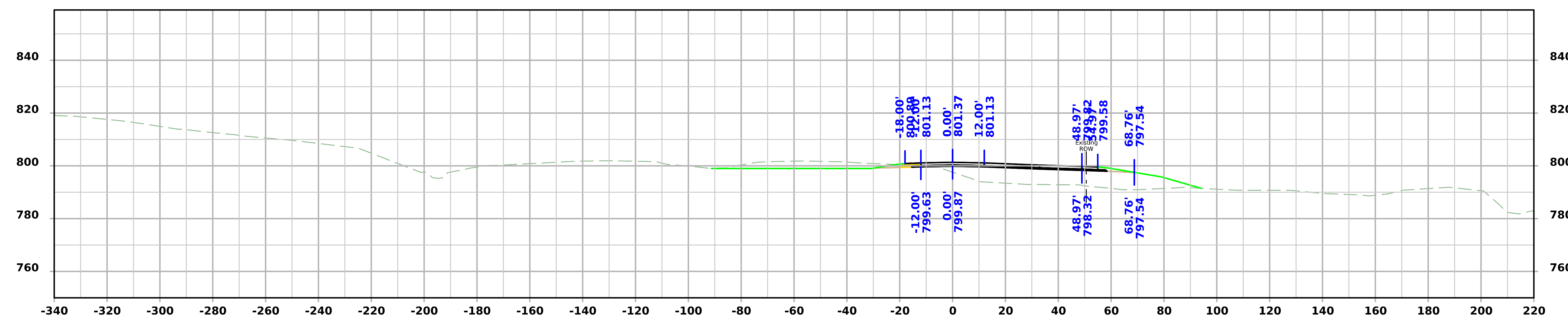
FILE NO. N/A | ENGLISH | DESIGN TEAM Holst/Finch/Gunderson | IOWA COUNTY | PROJECT NUMBER IMX-080-6(532)219--02-48 | SHEET NUMBER W.51

7:29:17 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80

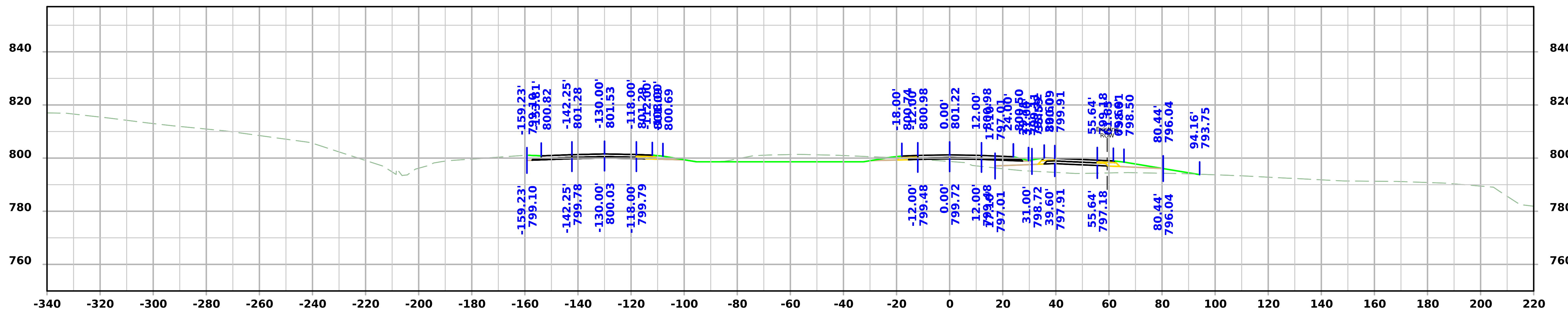


STA 168+00.00

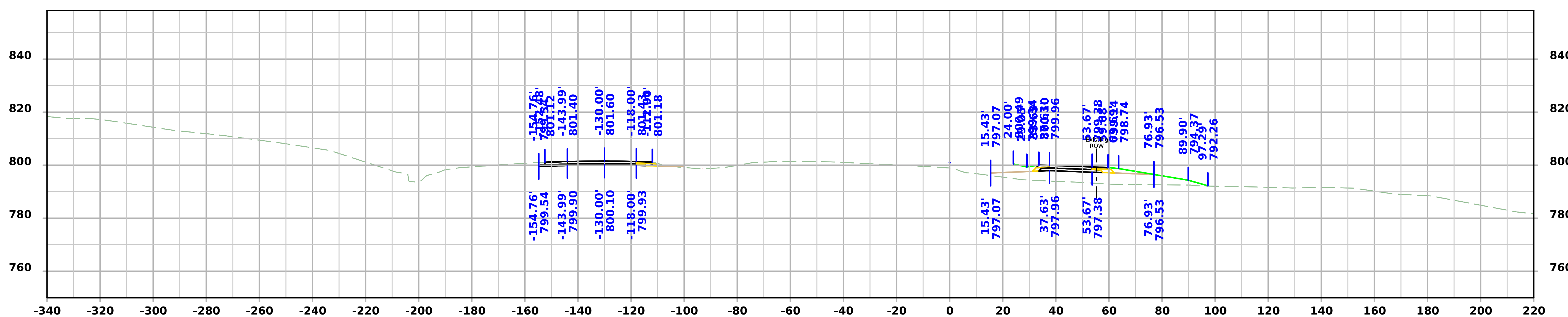


STA 167+50.00

I-80

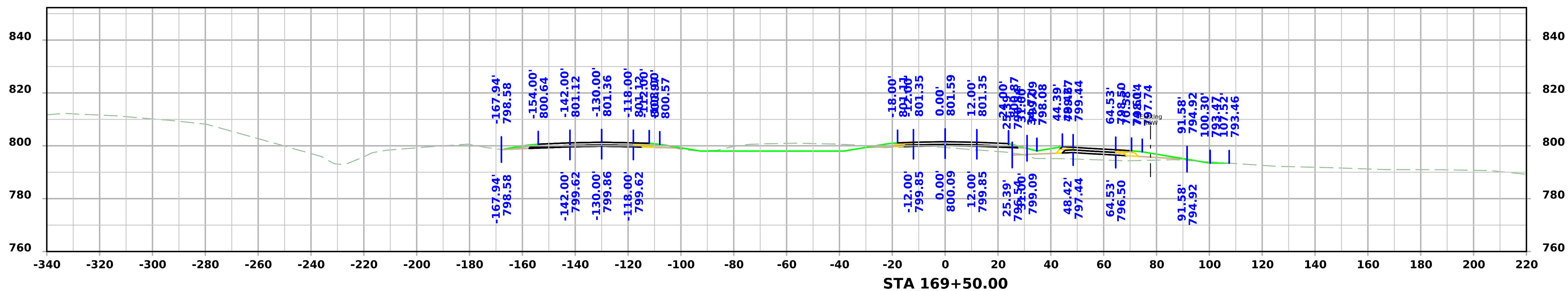


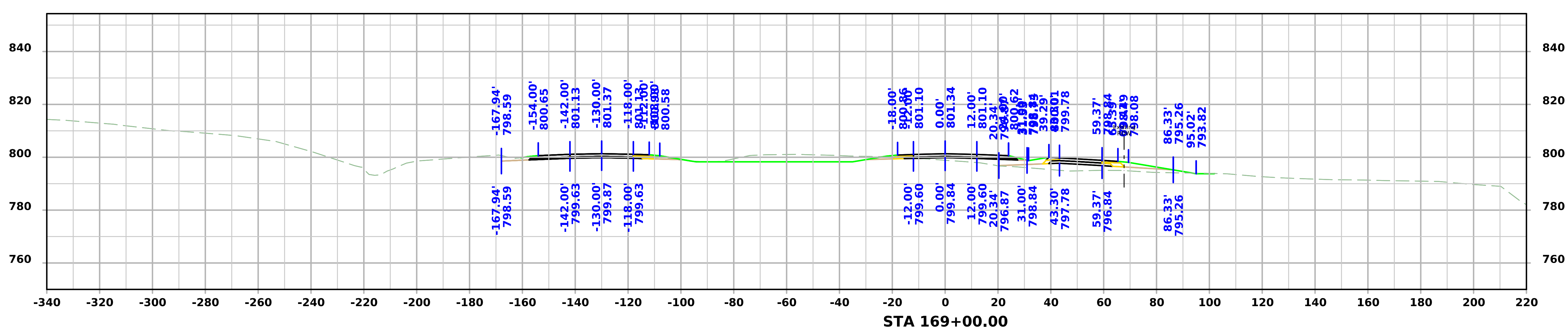
STA 168+50.00



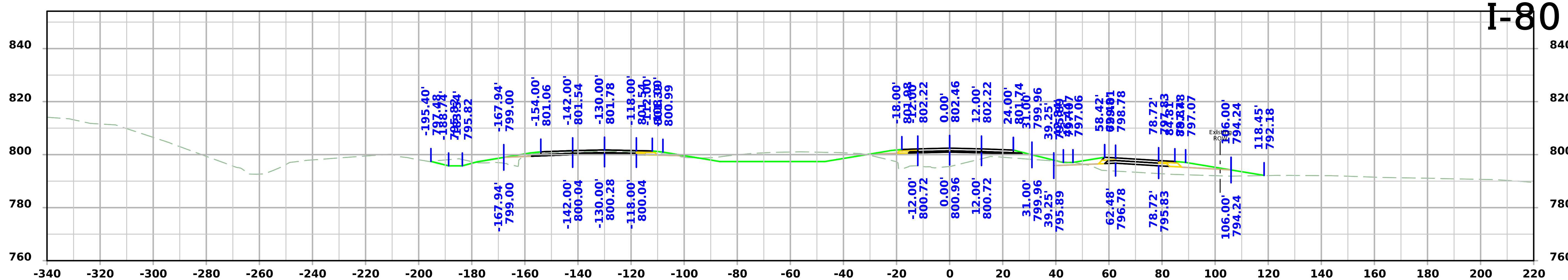
STA 168+20.51

I-80

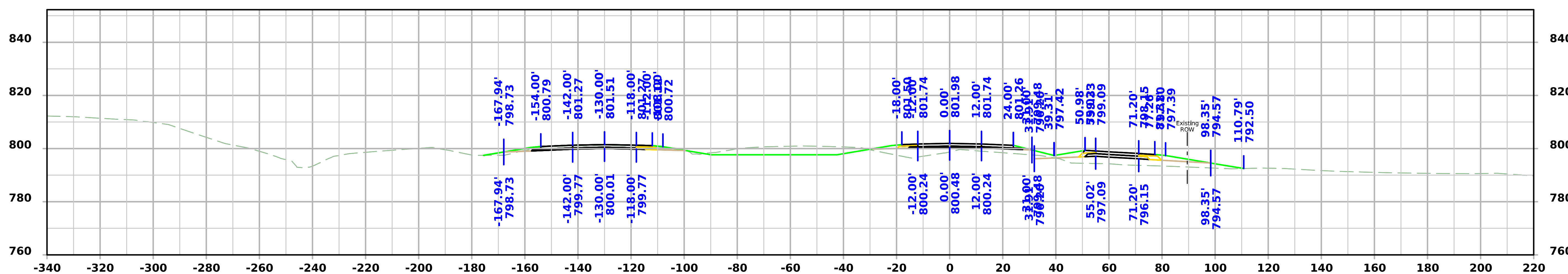




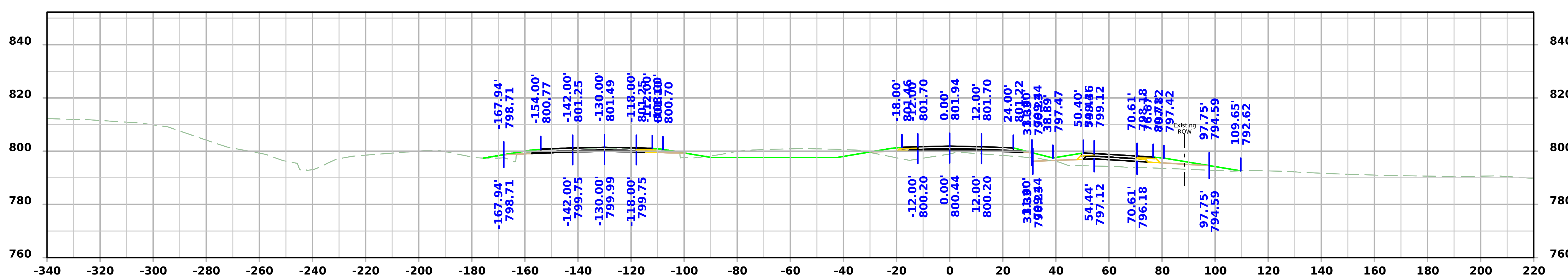
I-80



STA 170+46.27



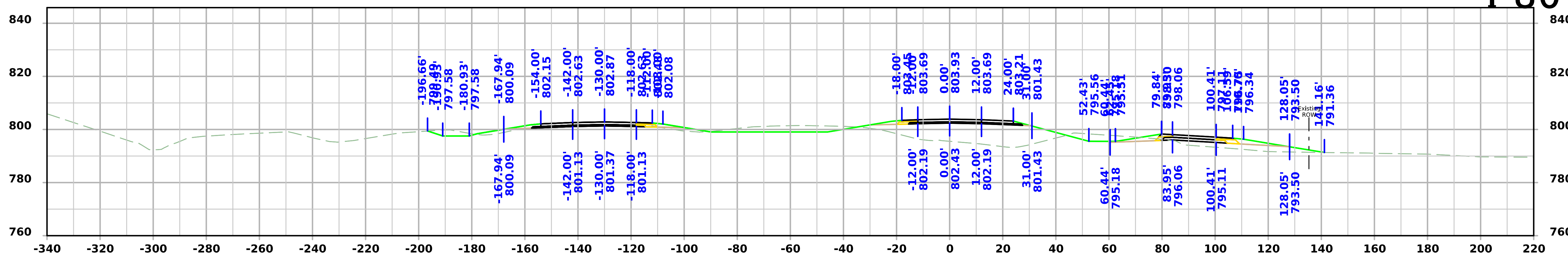
STA 170+00.00



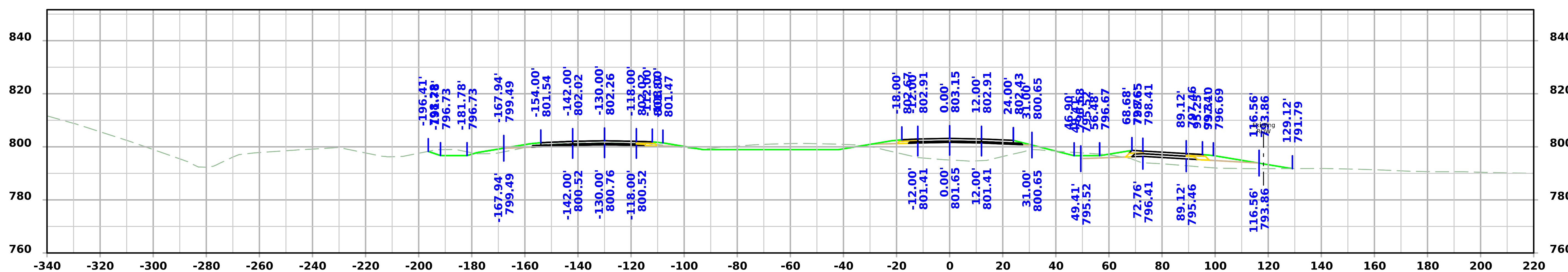
STA 169+95.99

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.55

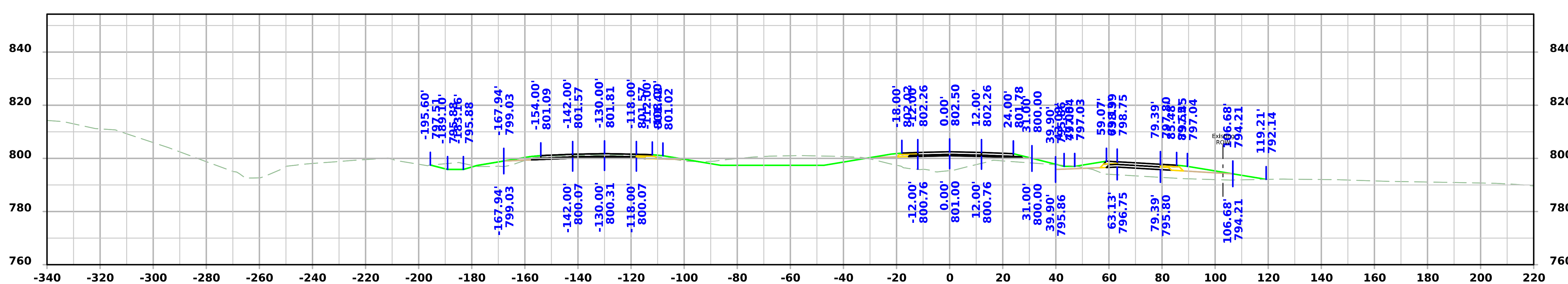
I-80



STA 171+50.00



STA 171+00.00

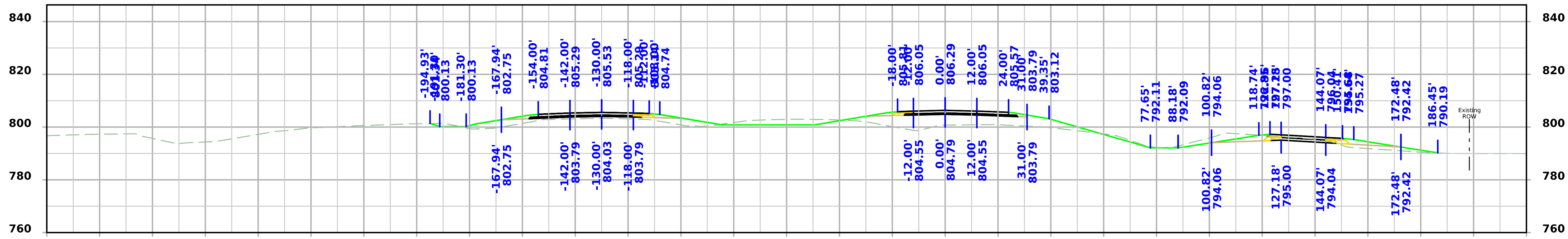


STA 170+50.00

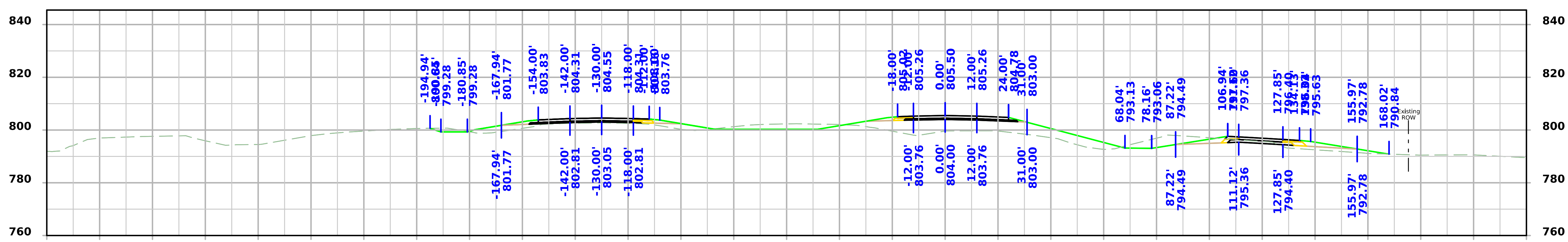
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson		IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.56

7:29:24 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

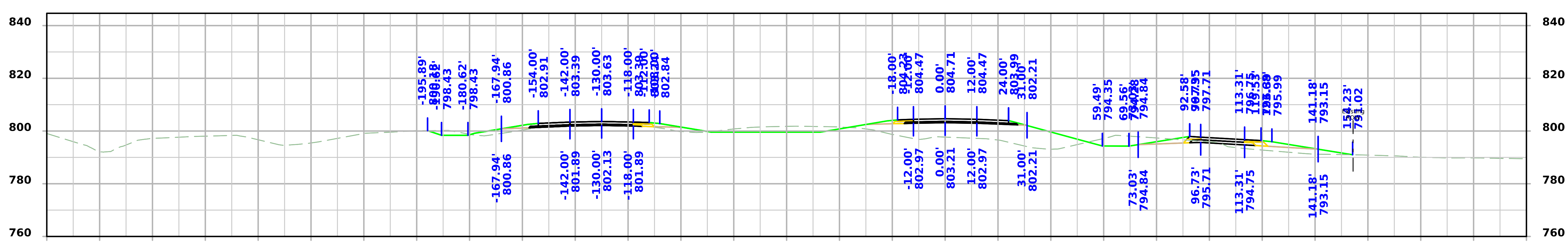
I-80



STA 173+00.00



STA 172+50.00

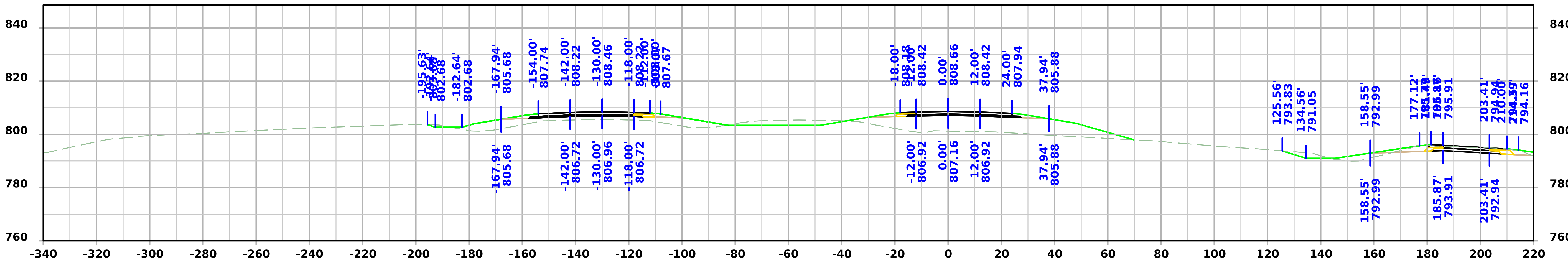


STA 172+00.00

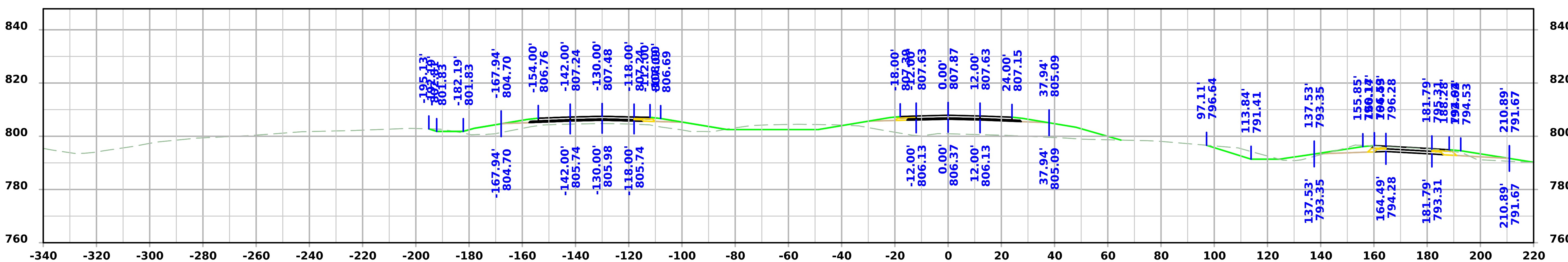
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.57

7:29:26 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

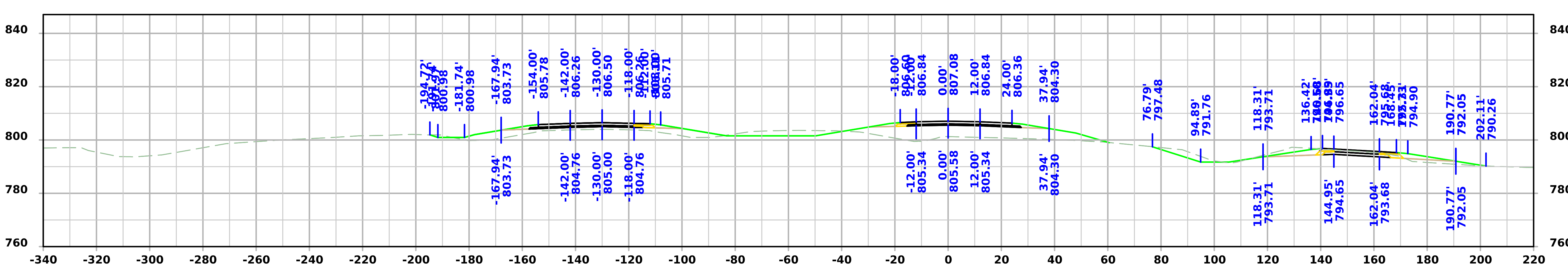
I-80



STA 174+50.00



STA 174+00.00

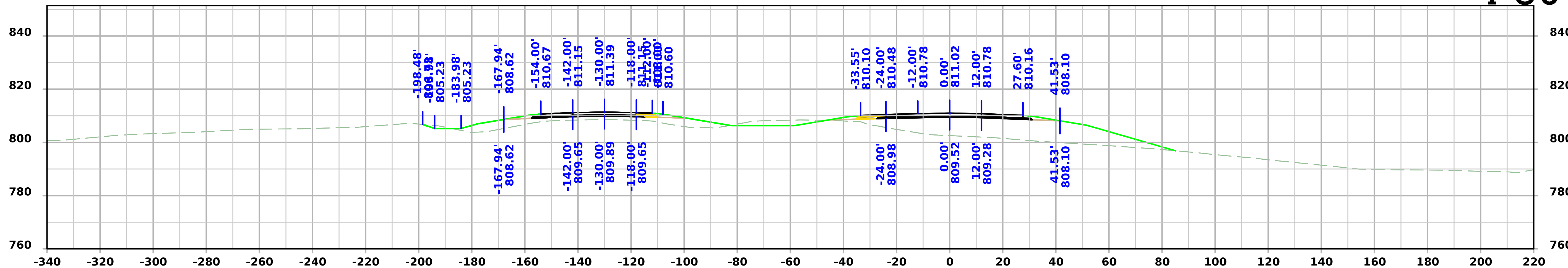


STA 173+50.00

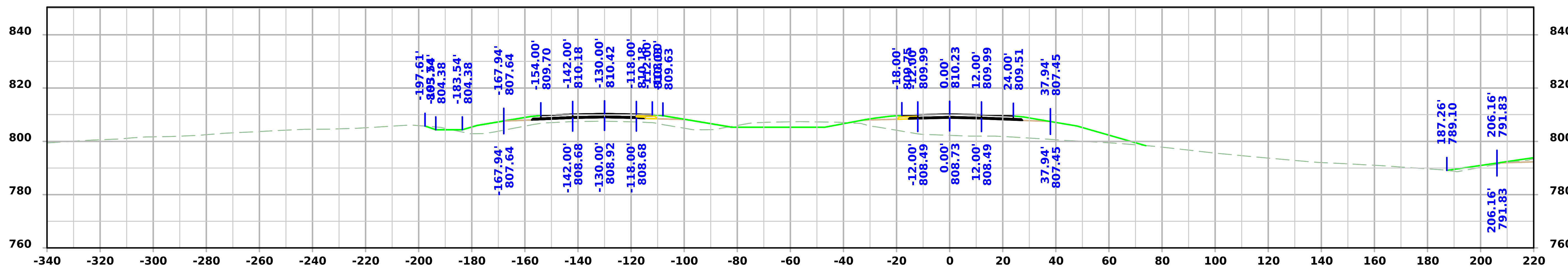
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.58

7:29:27 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

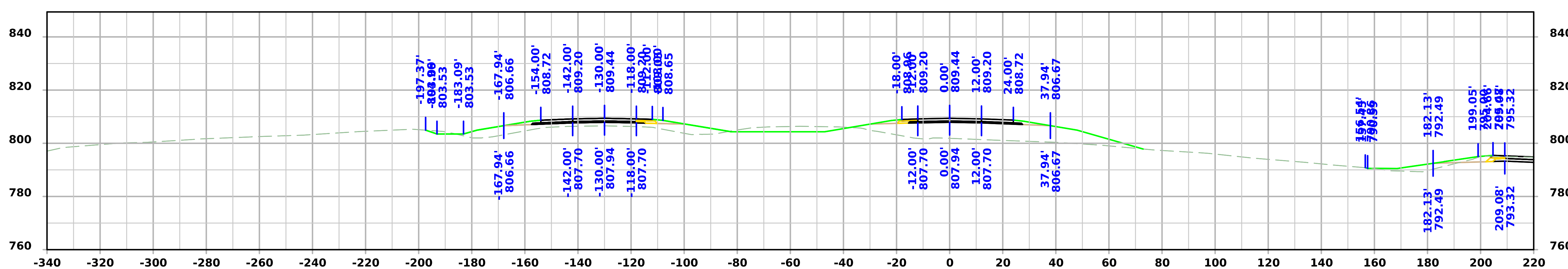
I-80



STA 176+00.00



STA 175+50.00

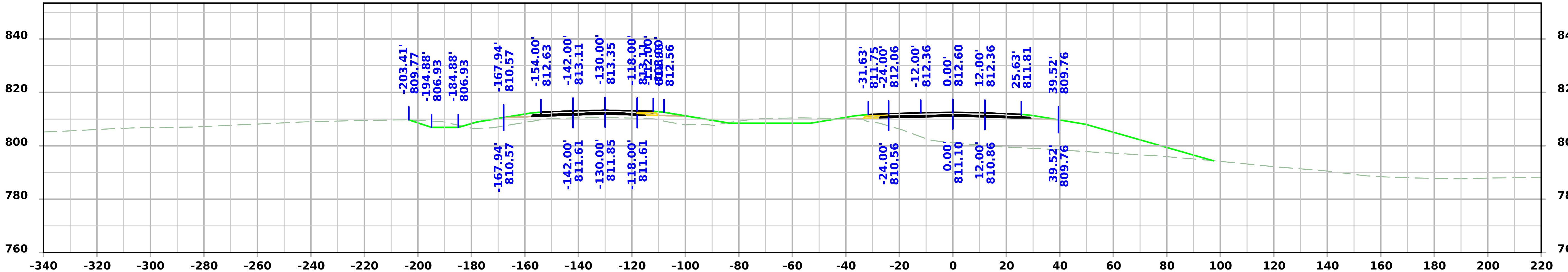


STA 175+00.00

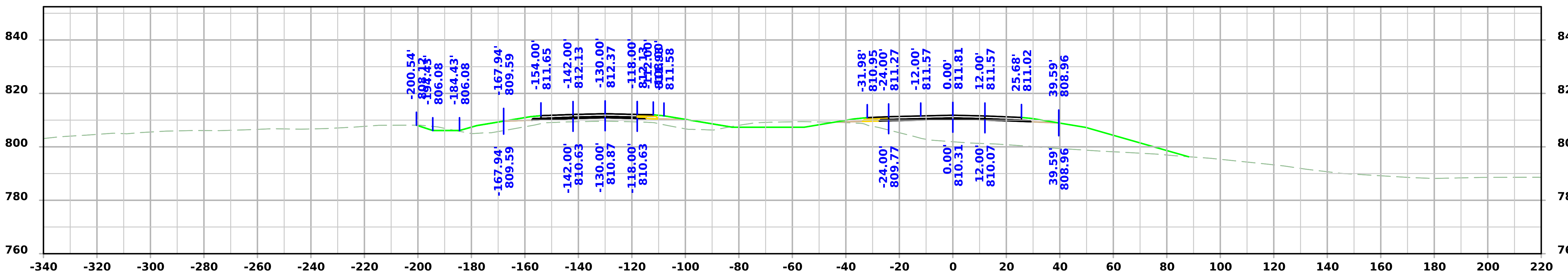
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.59

7:29:29 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

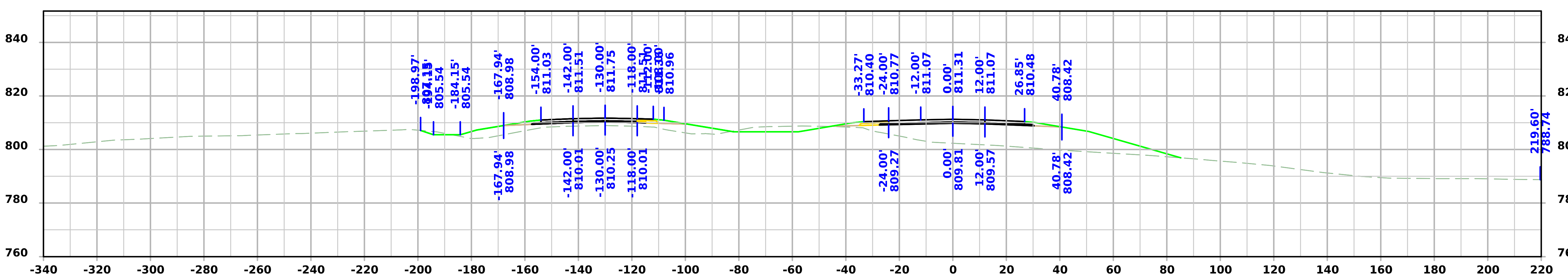
I-80



STA 177+00.00



STA 176+50.00

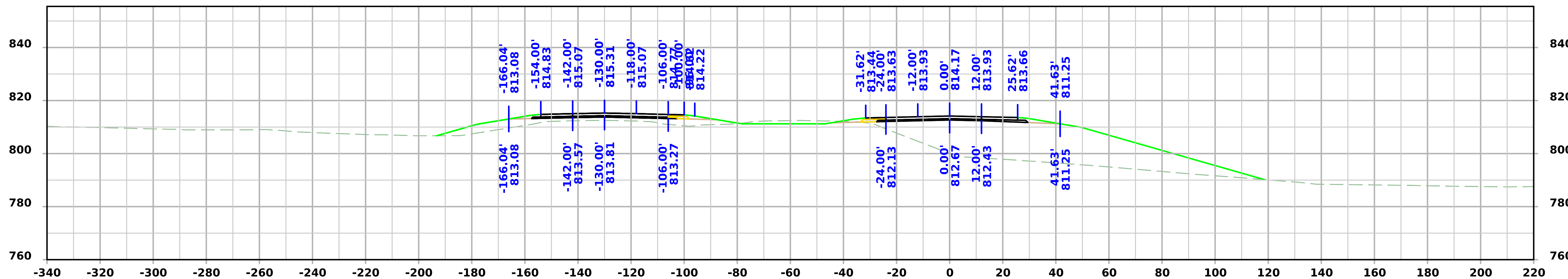


STA 176+18.36

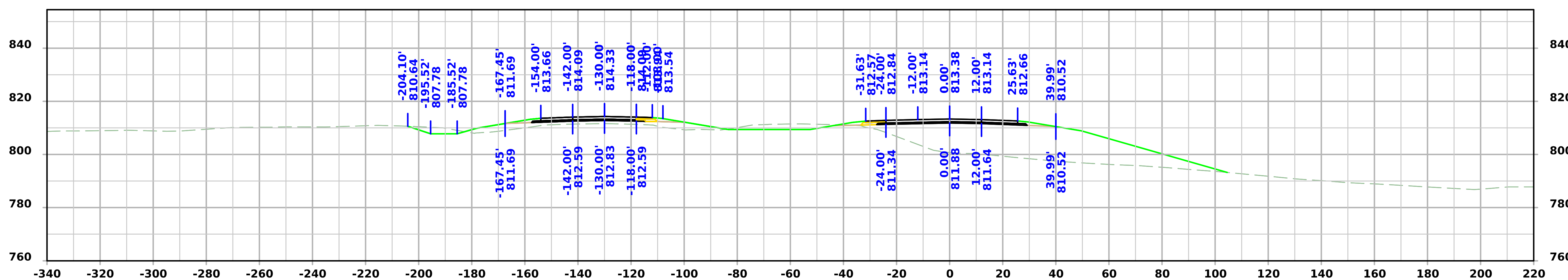
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.60

7:29:31 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 178+00.00

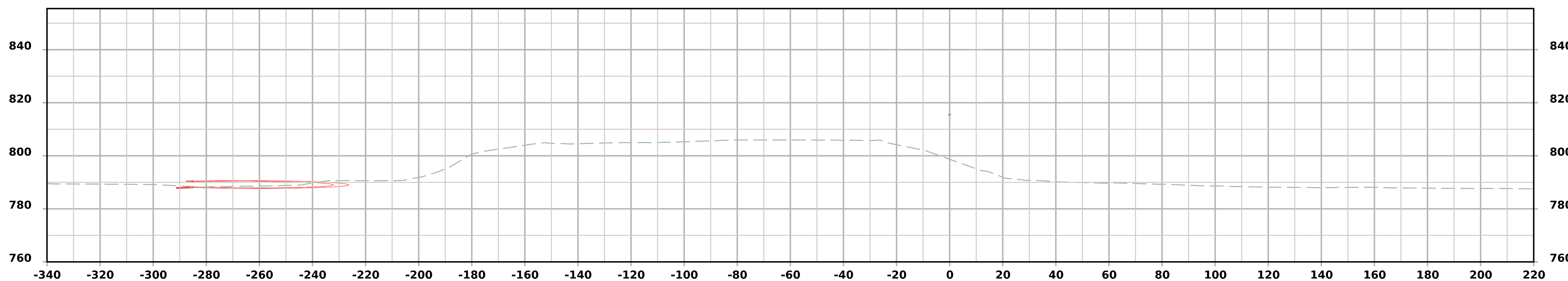


STA 177+50.00

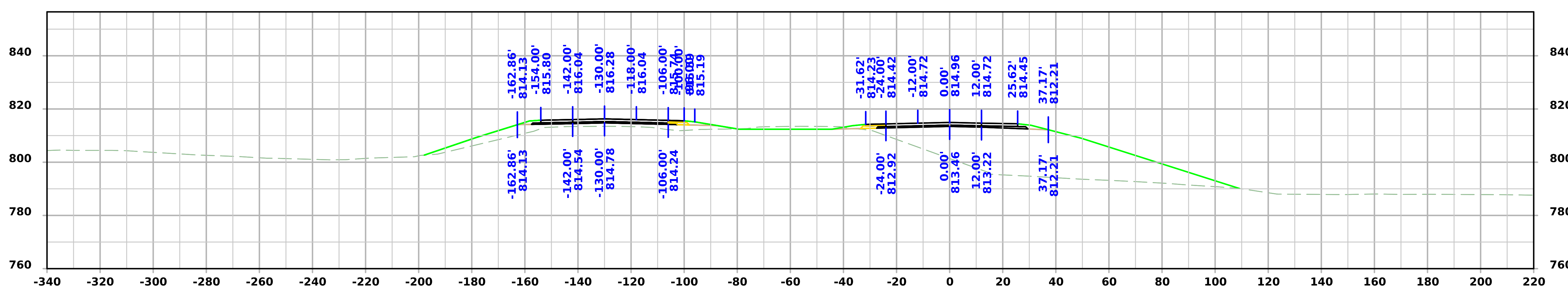
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT		Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.61

7:29:32 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 179+00.00

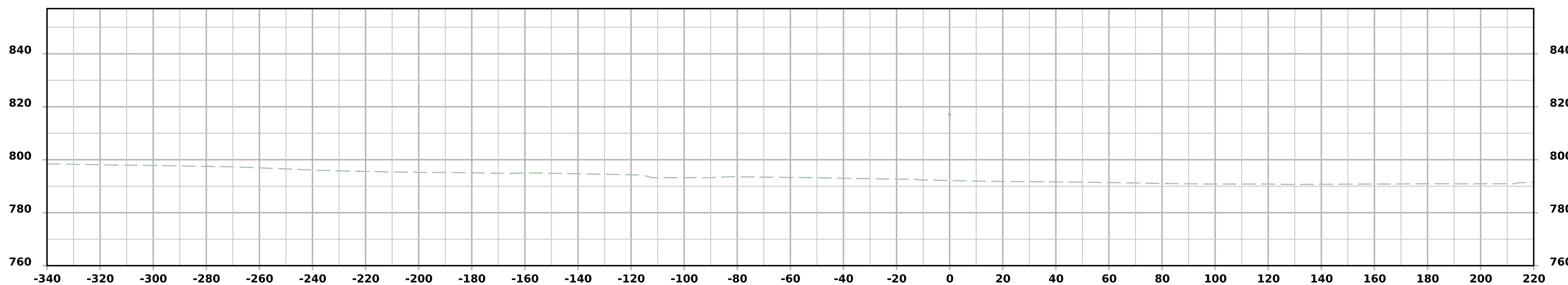


STA 178+50.00

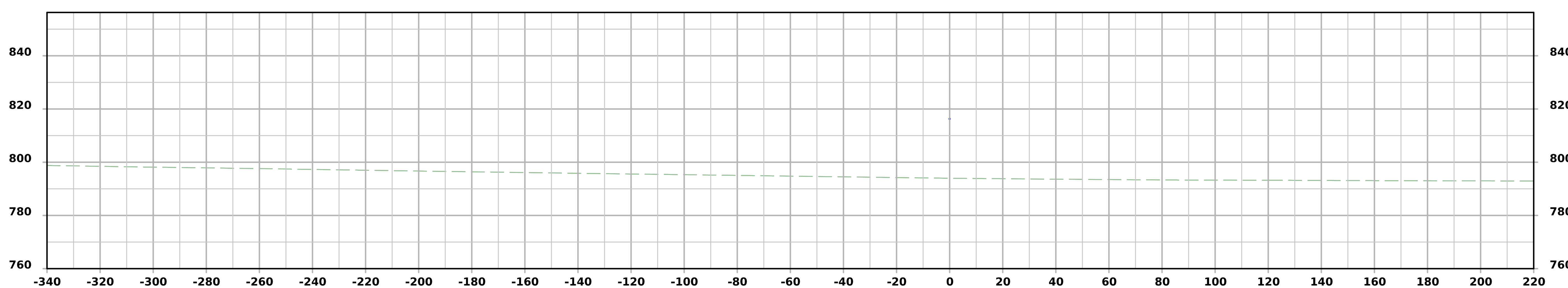
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.62

7:29:33 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80

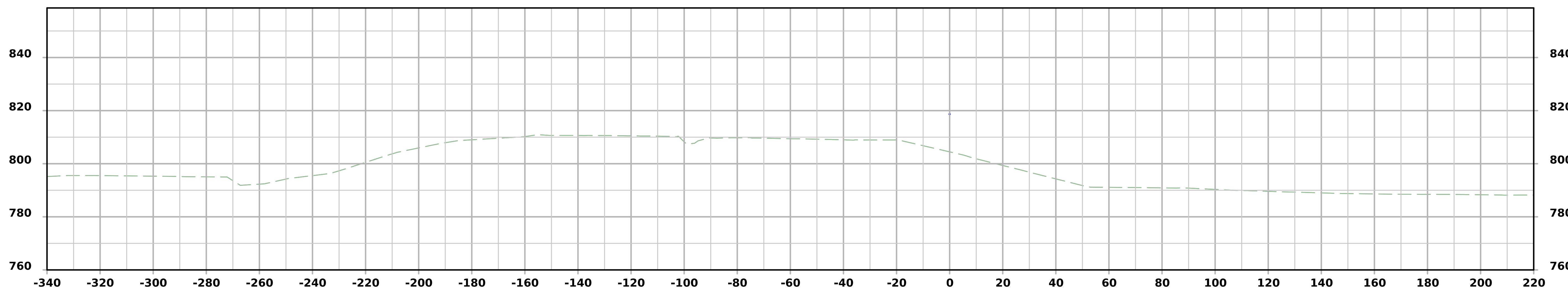


STA 180+00.00

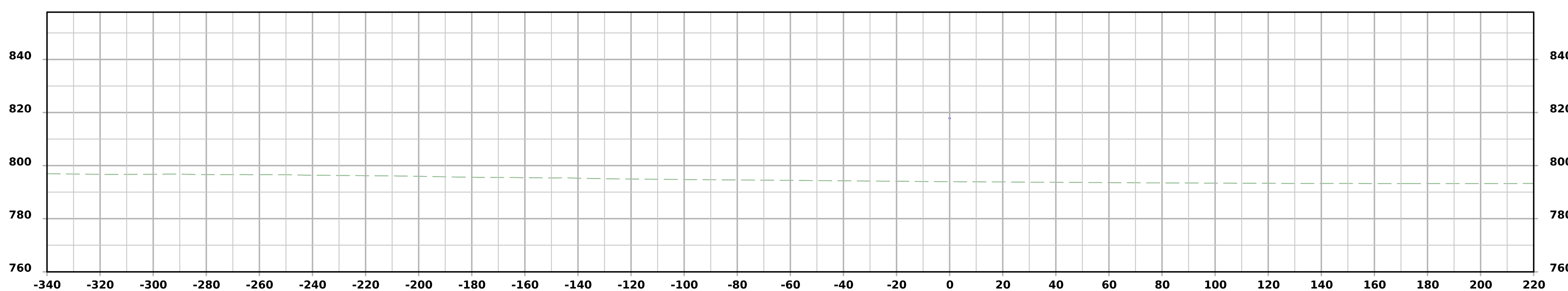


STA 179+50.00

I-80



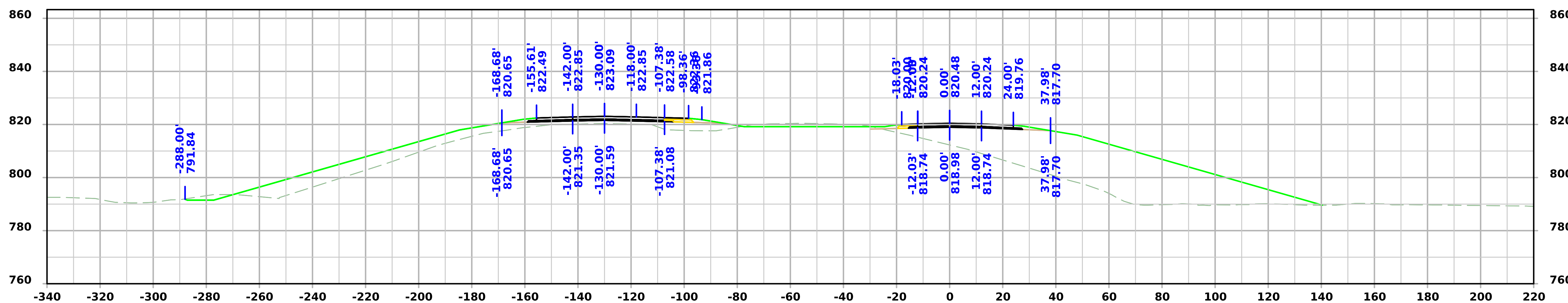
STA 181+00.00



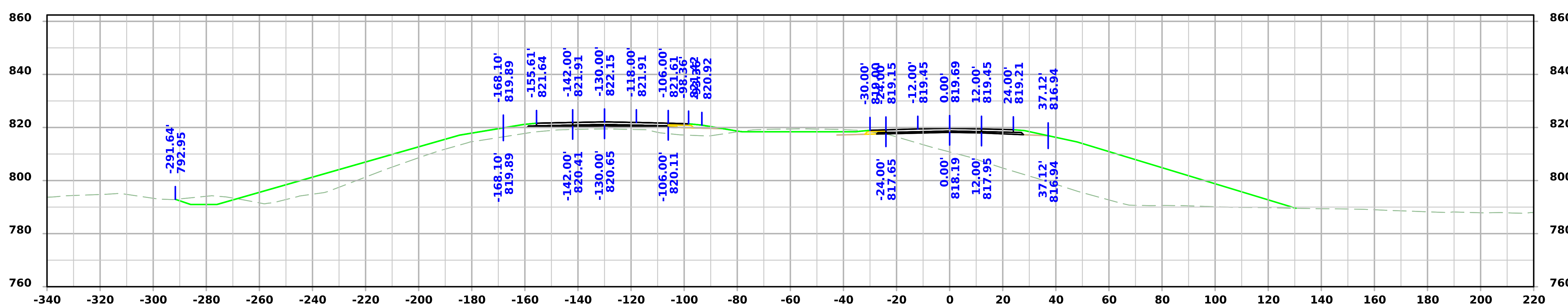
STA 180+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.64

I-80



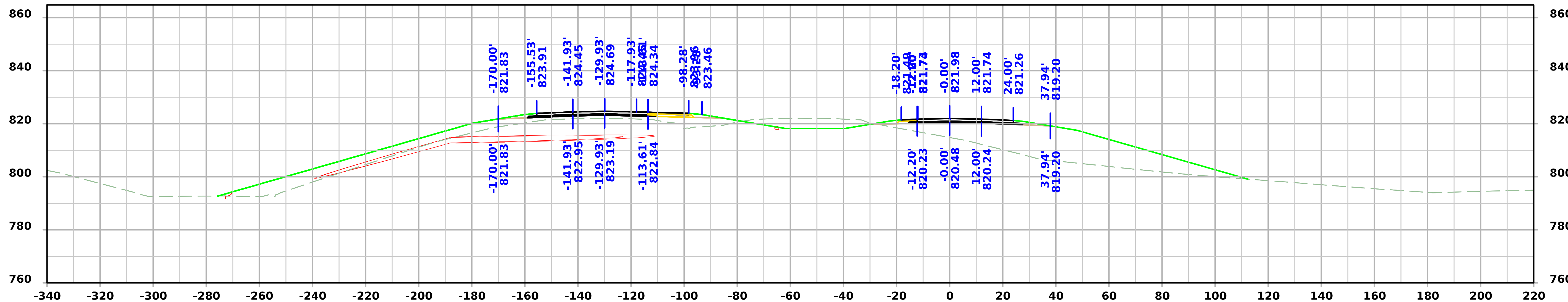
STA 182+00.00

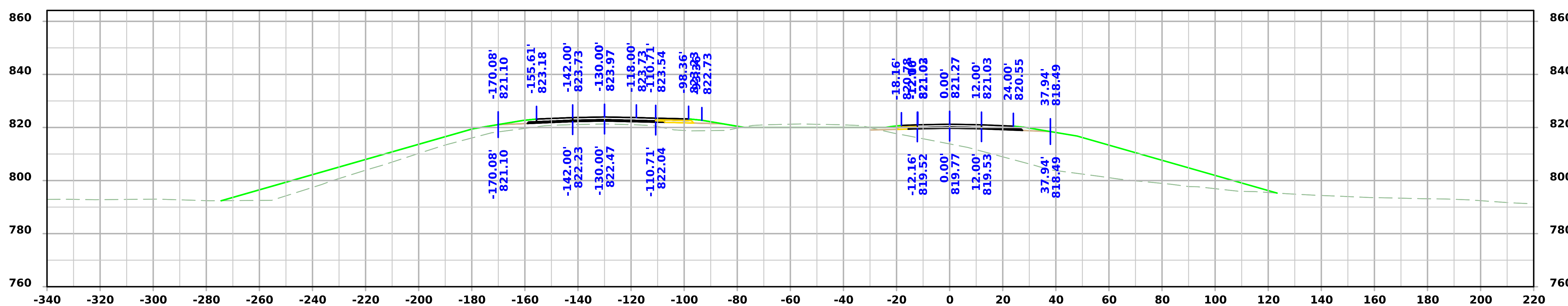


STA 181+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT		Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.65

I-80

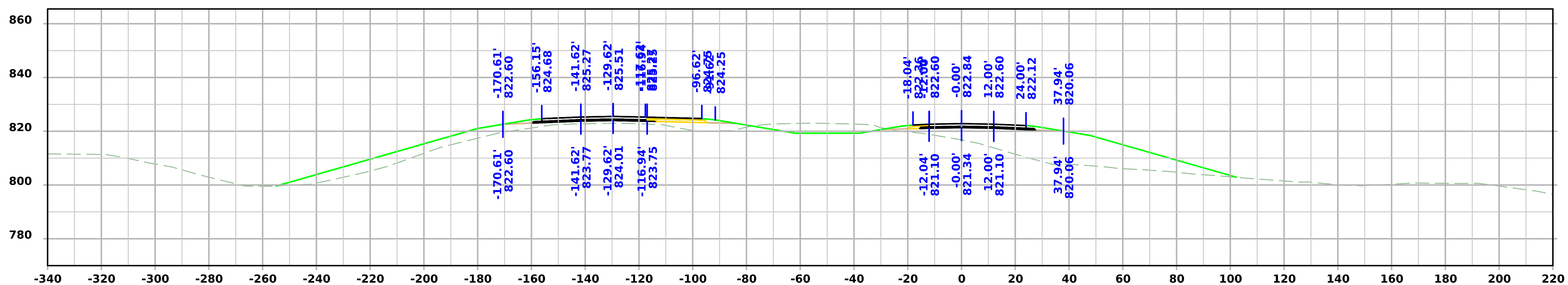




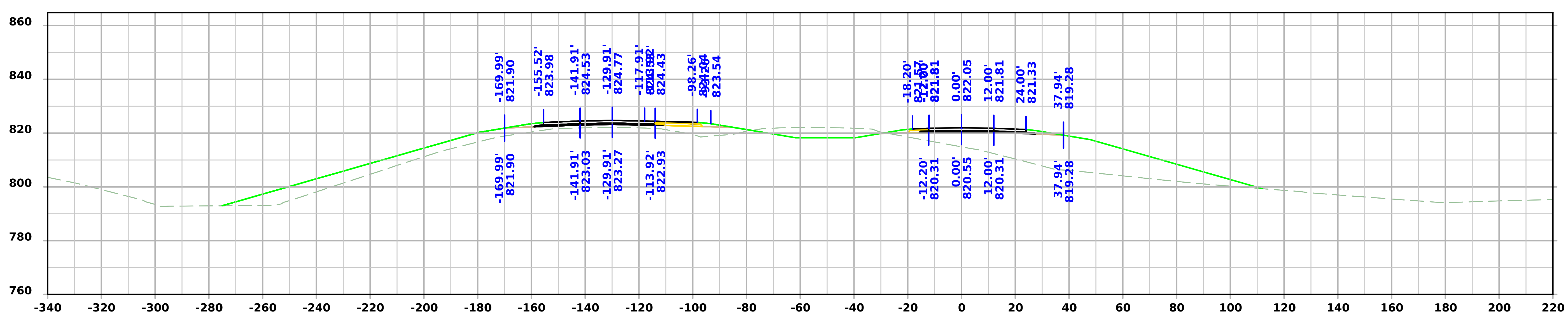
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.66

7:29:38 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 183+50.00

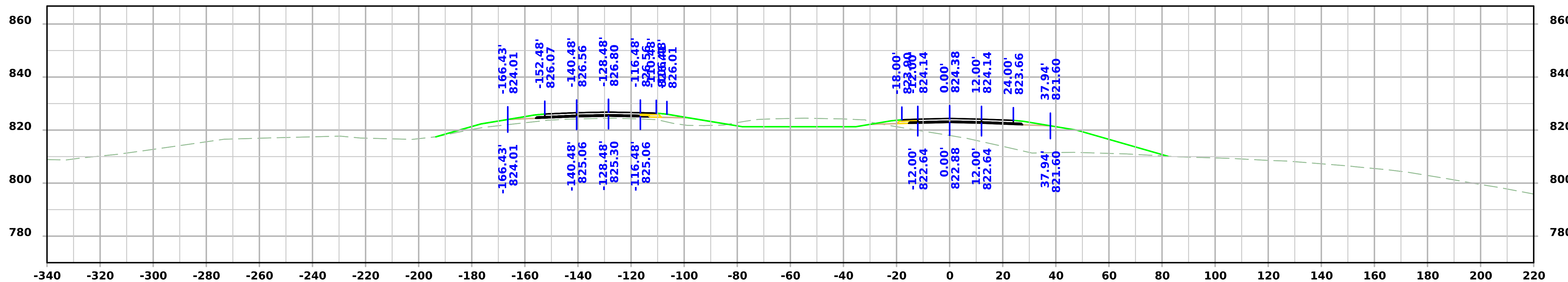


STA 183+00.00

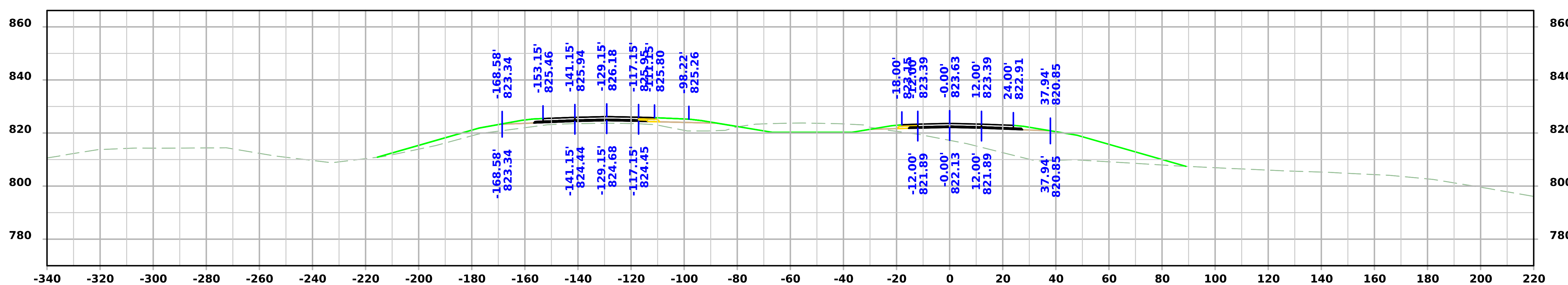
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.67

7:29:39 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 184+50.00

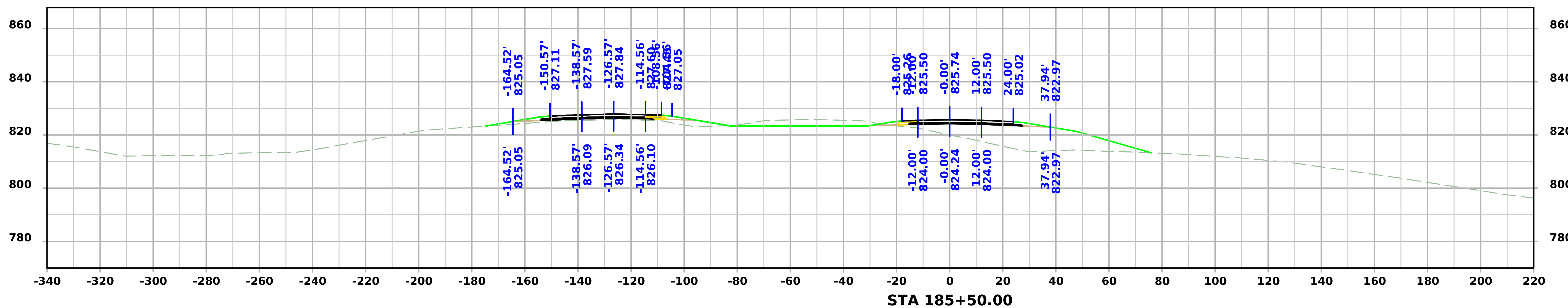


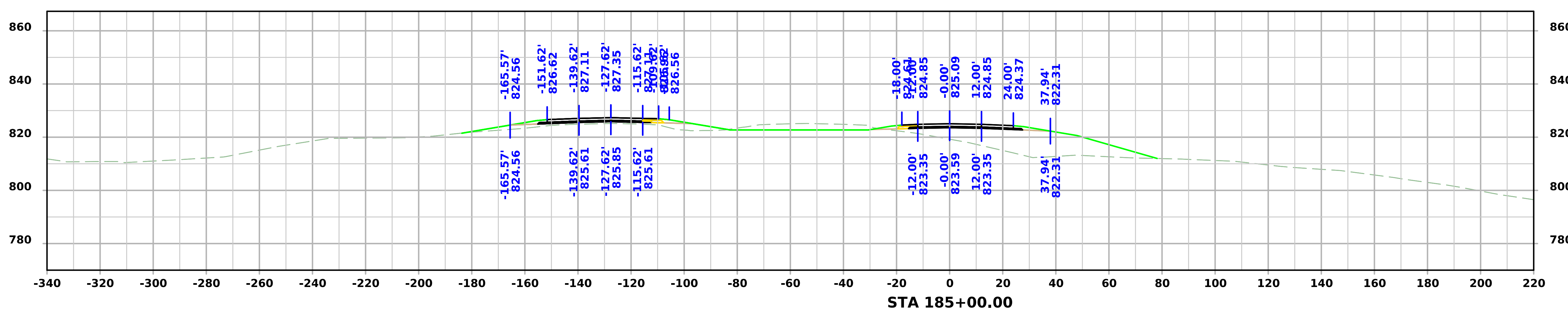
STA 184+00.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.68

7:29:41 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80

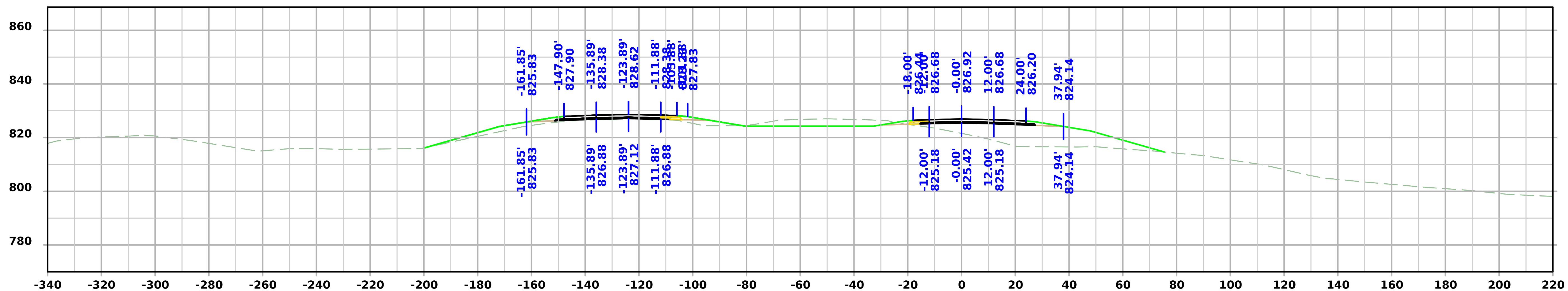




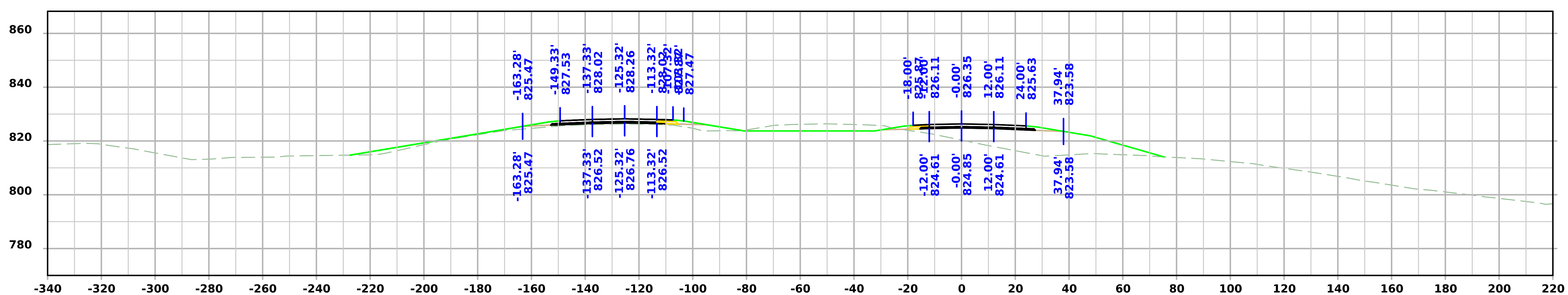
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.69

7:29:42 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 186+50.00

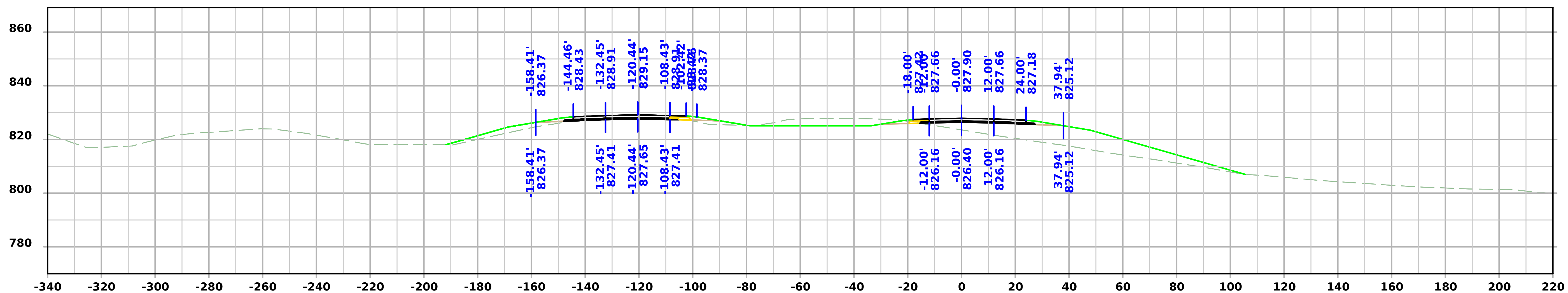


STA 186+00.00

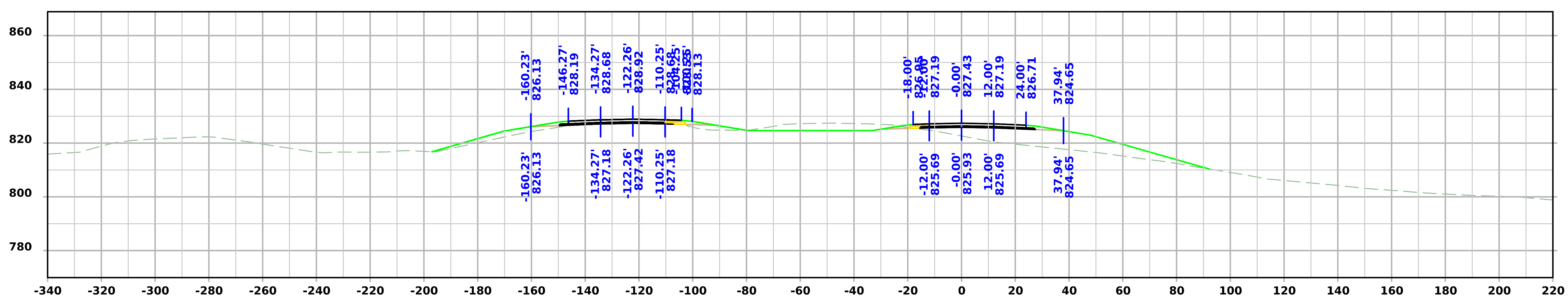
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.70

7:29:43 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 187+50.00

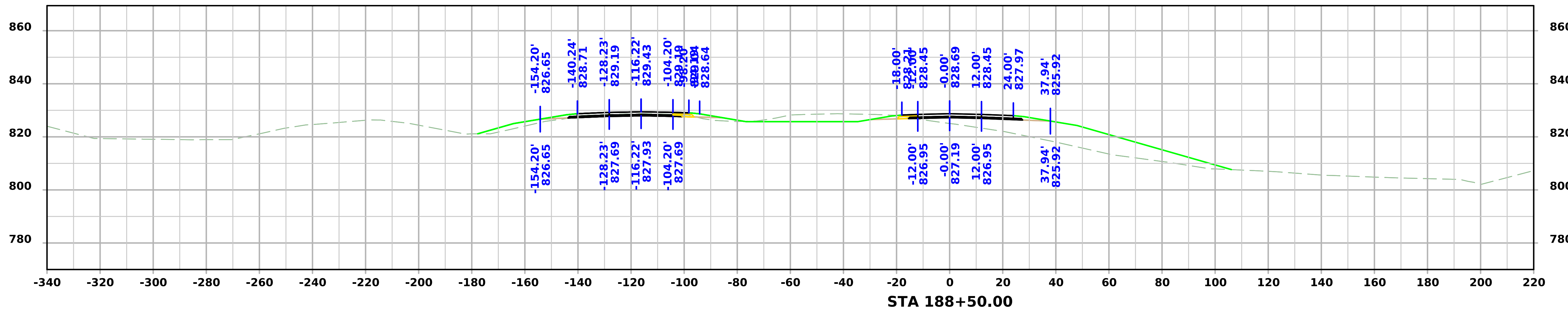


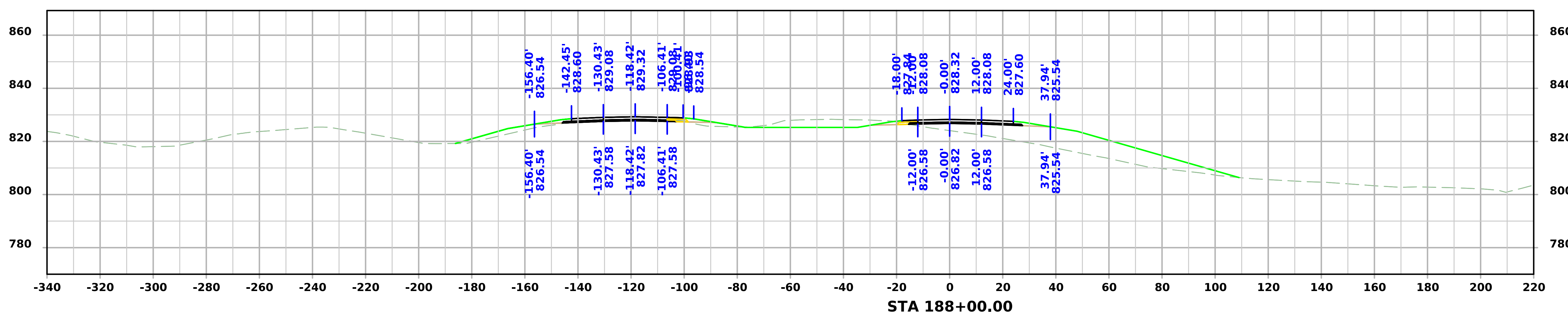
STA 187+00.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT		Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.71

7:29:44 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80

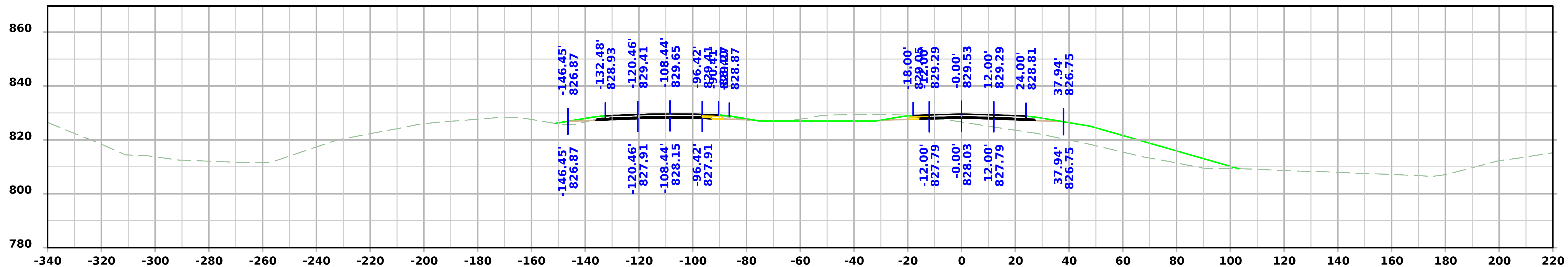




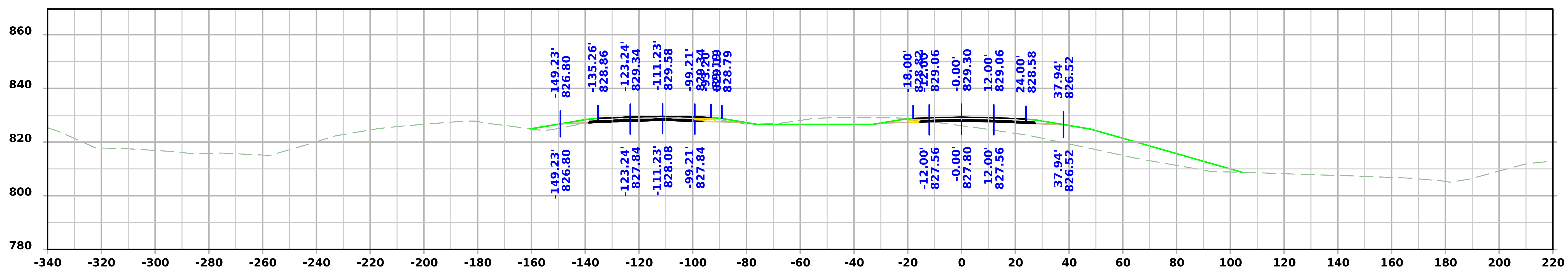
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT		Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.72

7:29:45 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

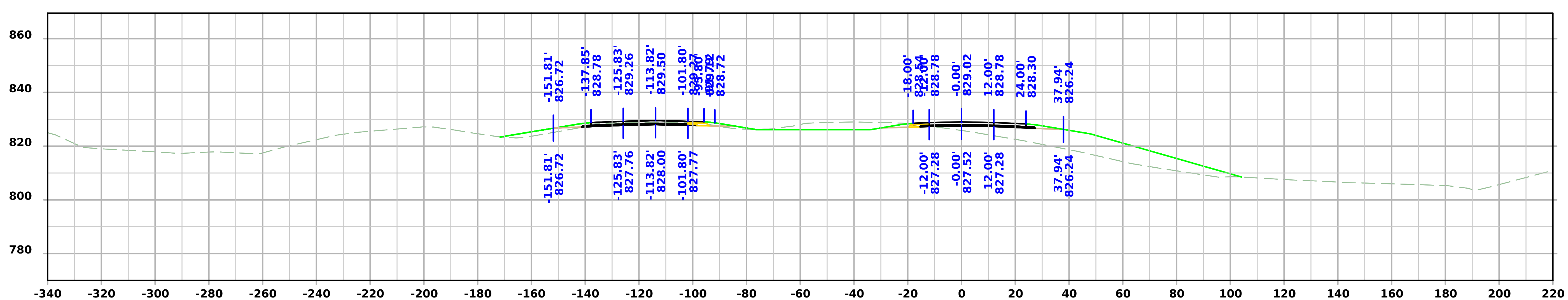
I-80



STA 190+00.00



STA 189+50.00

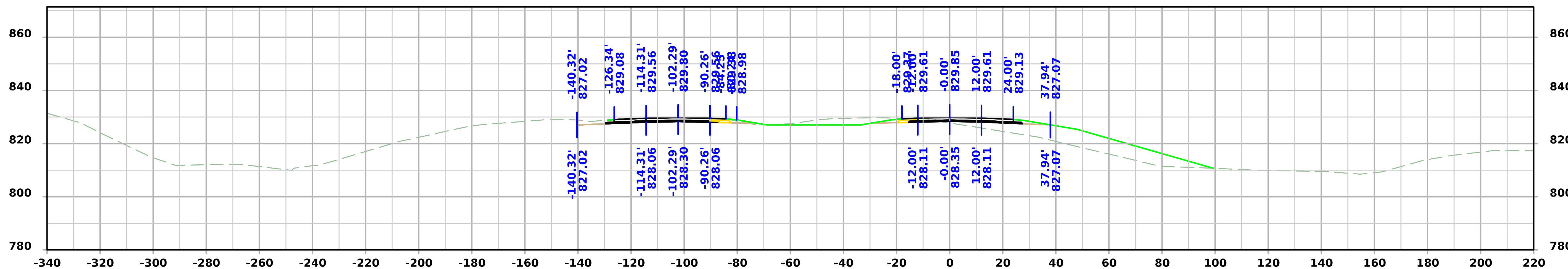


STA 189+00.00

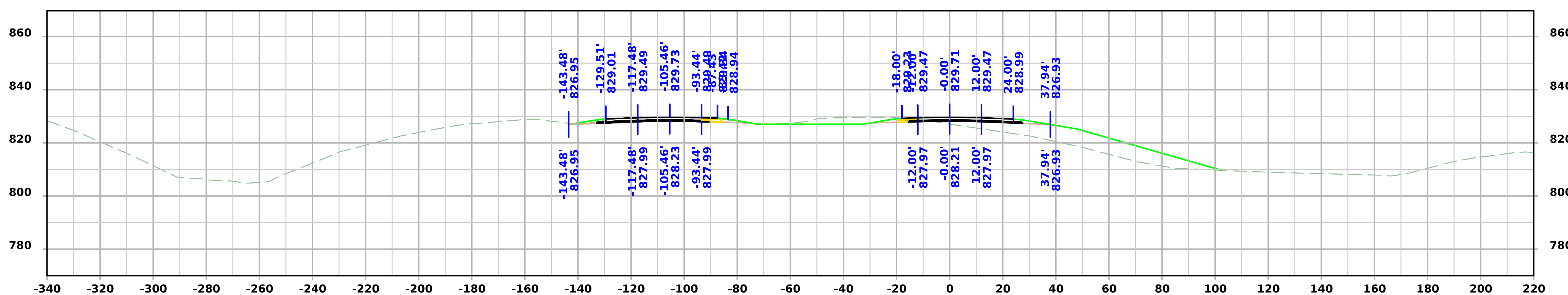
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.73

7:29:47 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 191+00.00

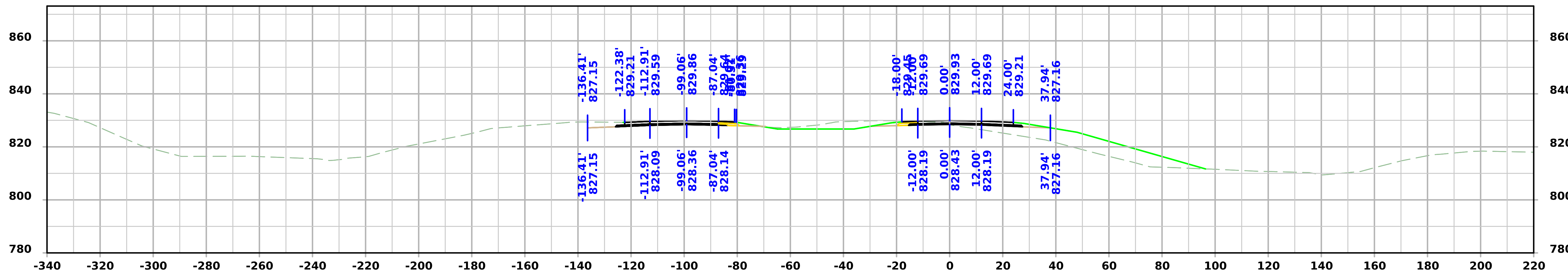


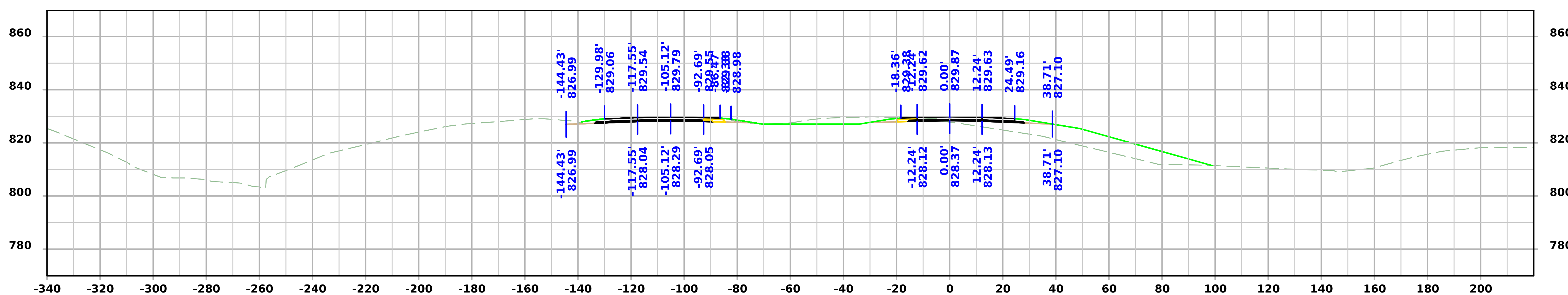
STA 190+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.74

7:29:48 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80

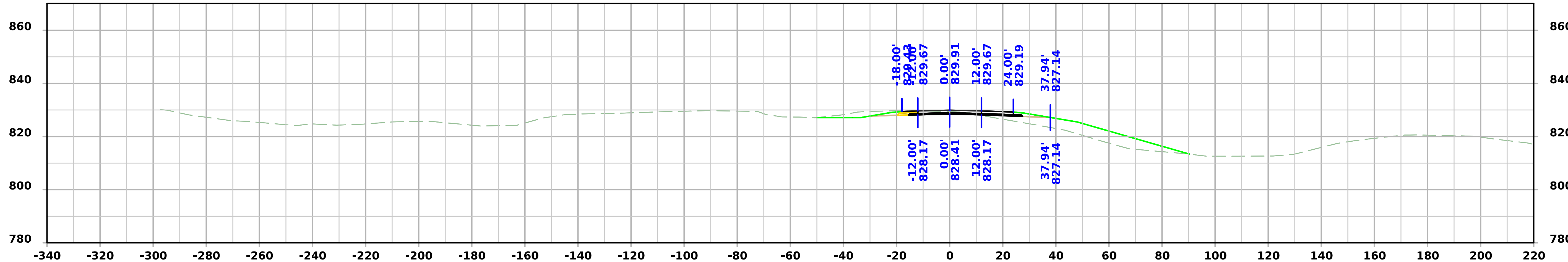




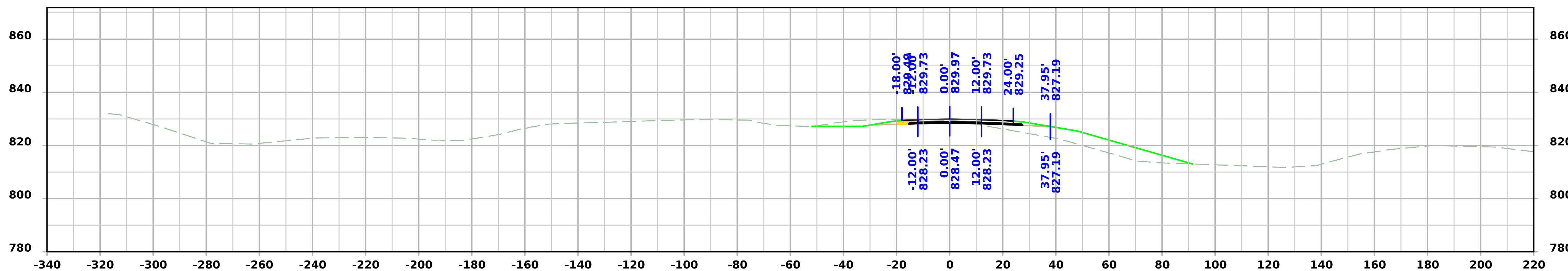
FILE NO. 98765 | ENGLISH | DESIGN TEAM Iowa DOT | Iowa COUNTY | PROJECT NUMBER IMX-080-6(532)219--02-48 | SHEET NUMBER W.75

7:29:49 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

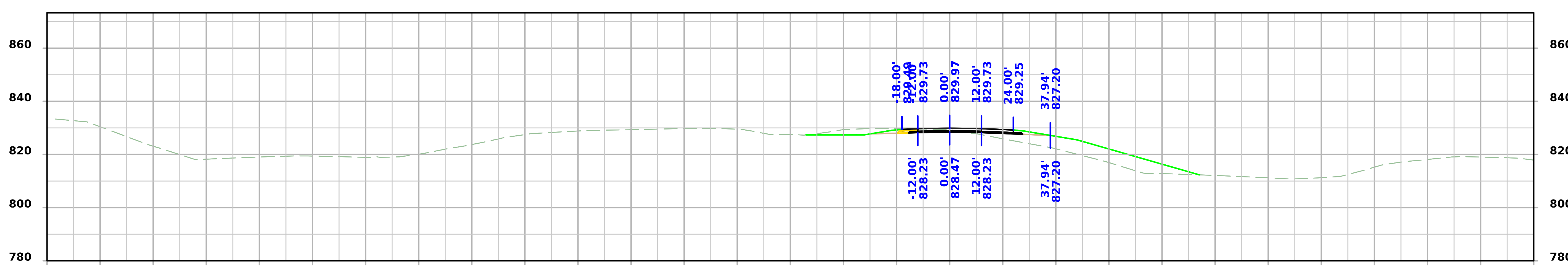
I-80



STA 193+00.00



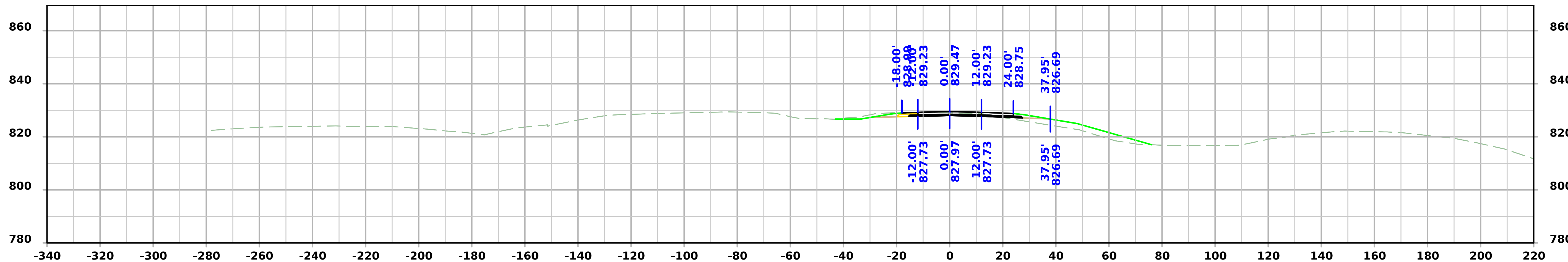
STA 192+50.00



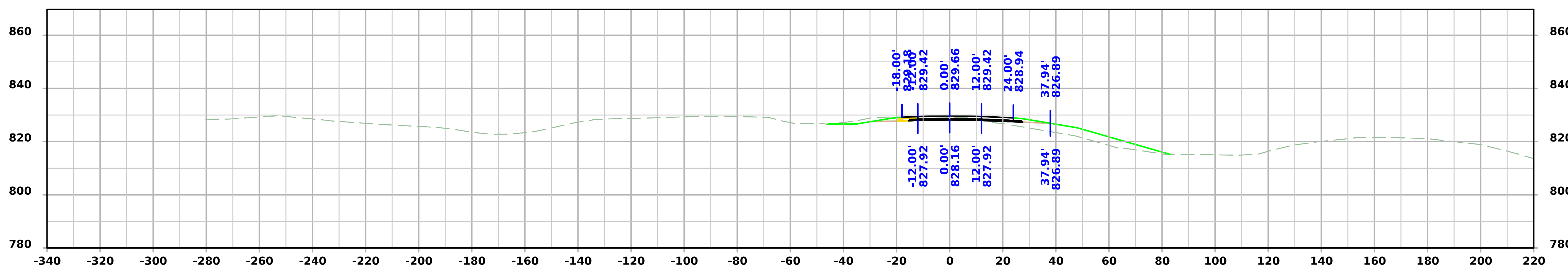
STA 192+00.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.76

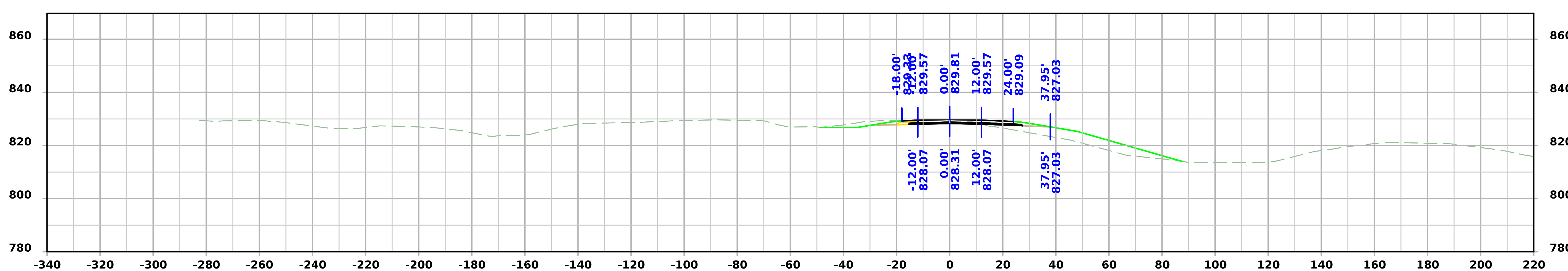
I-80



STA 194+50.00



STA 194+00.00

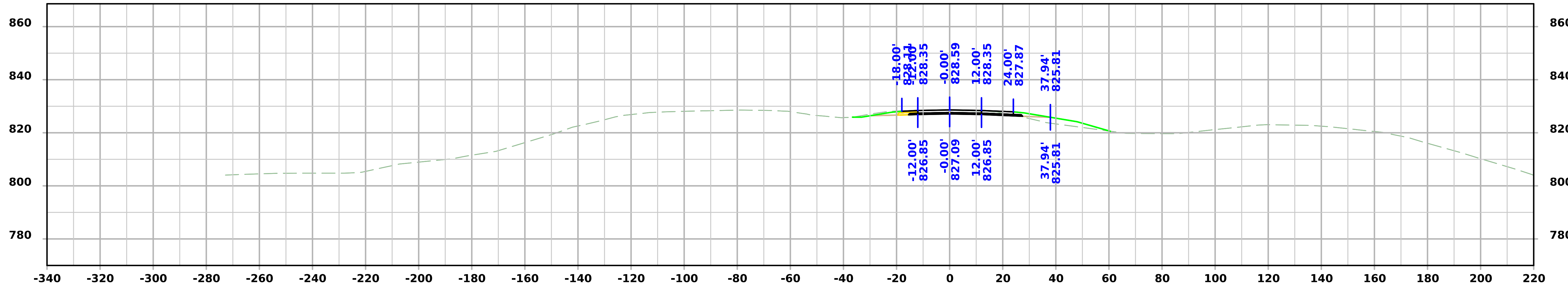


STA 193+50.00

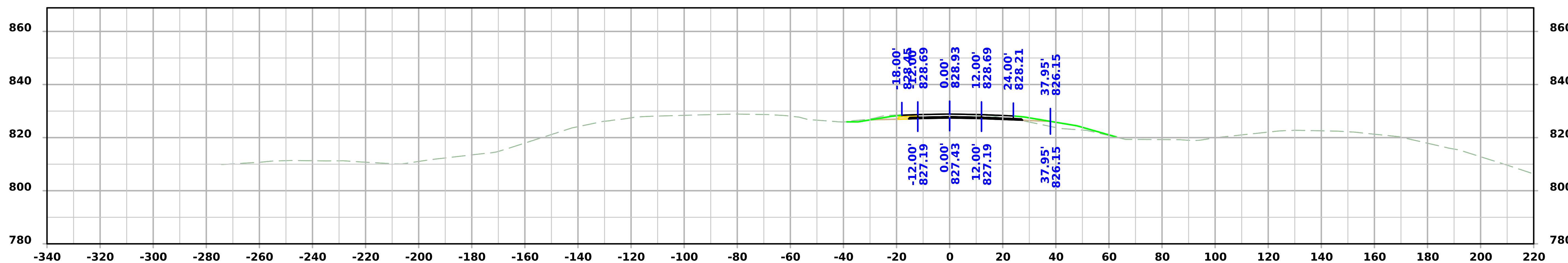
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.77

7:29:52 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

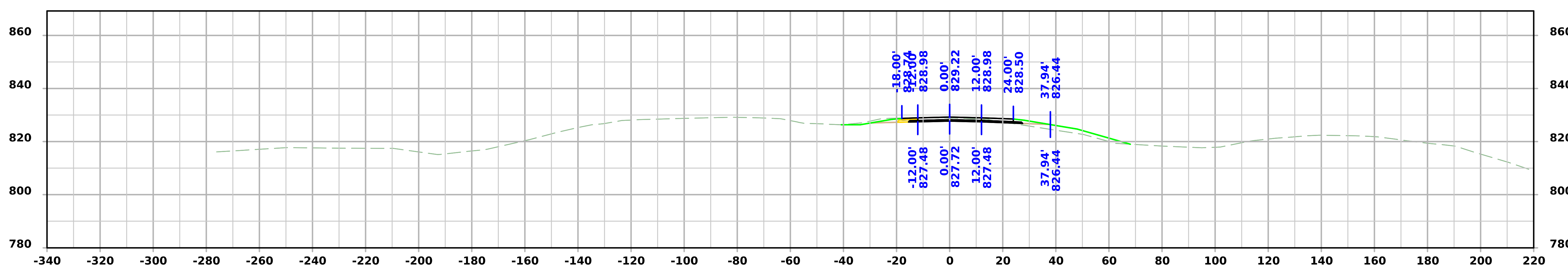
I-80



STA 196+00.00



STA 195+50.00

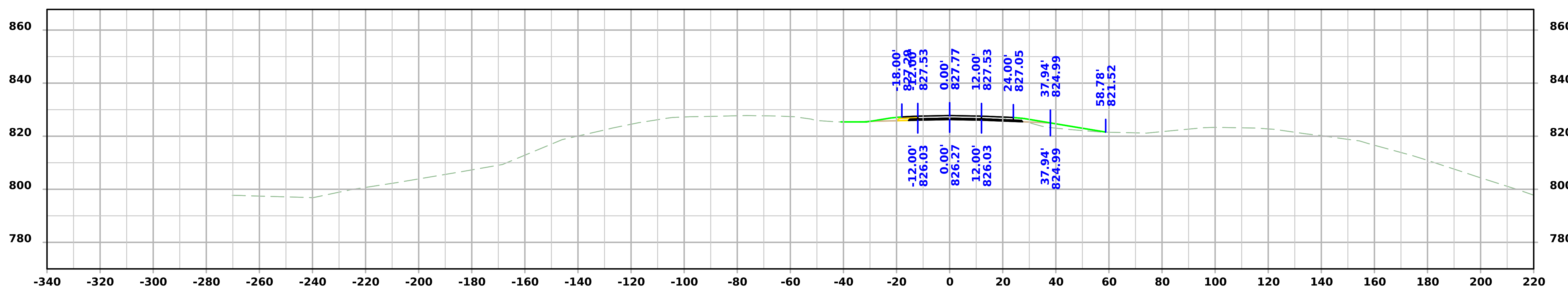


STA 195+00.00

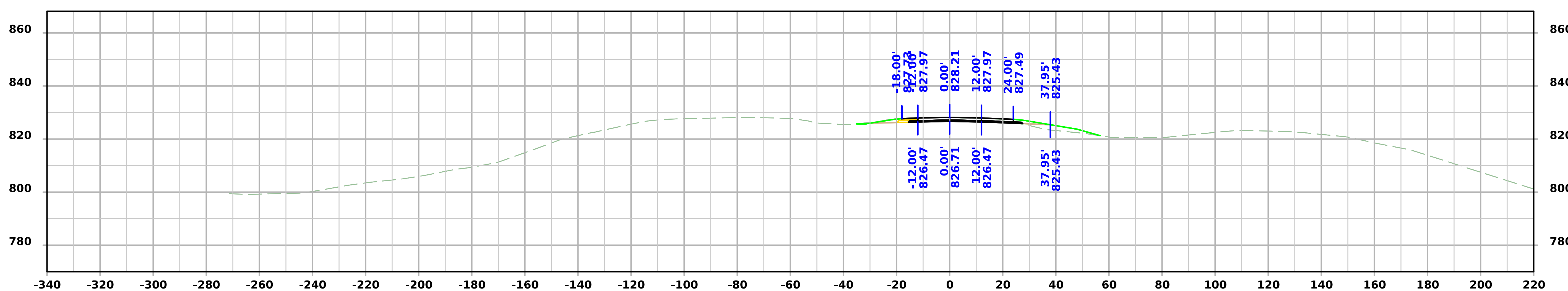
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT		Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.78

7:29:53 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 197+00.00

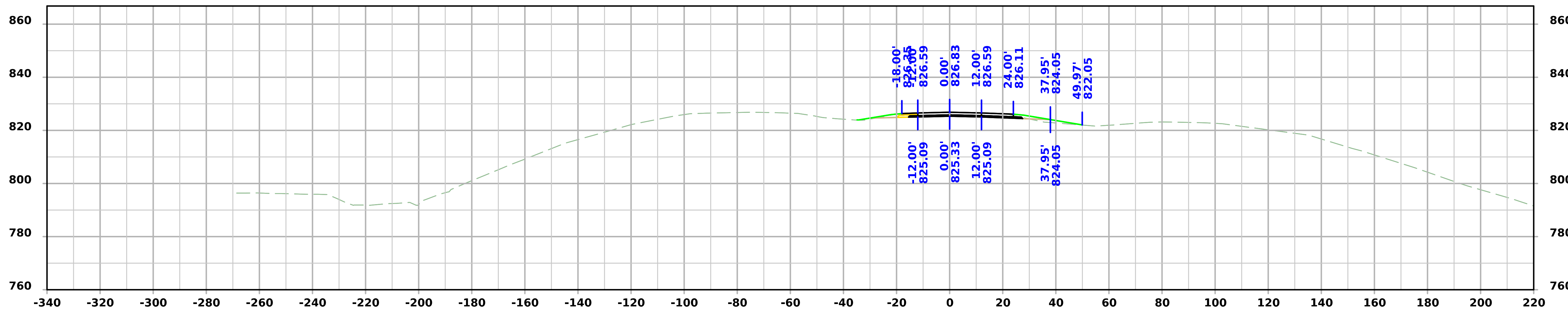


STA 196+50.00

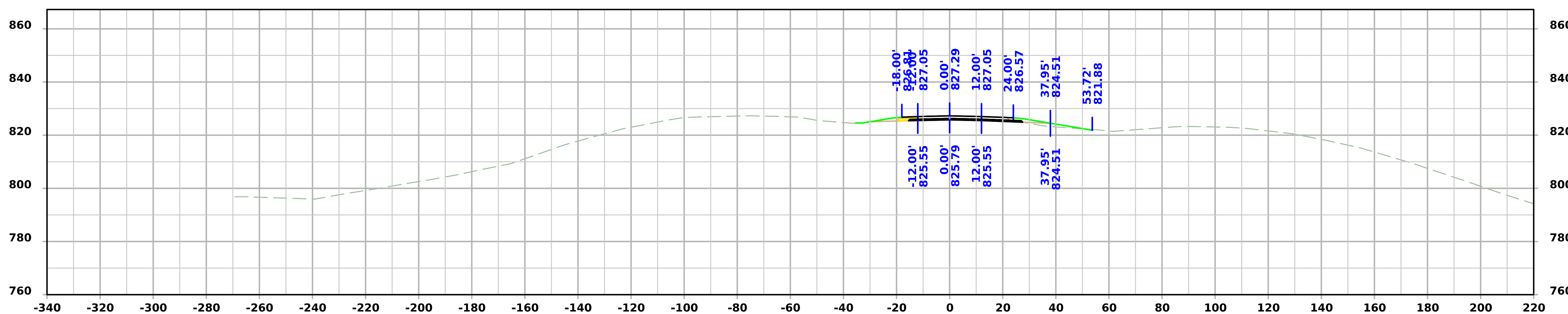
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.79

7:29:54 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



STA 197+94.10

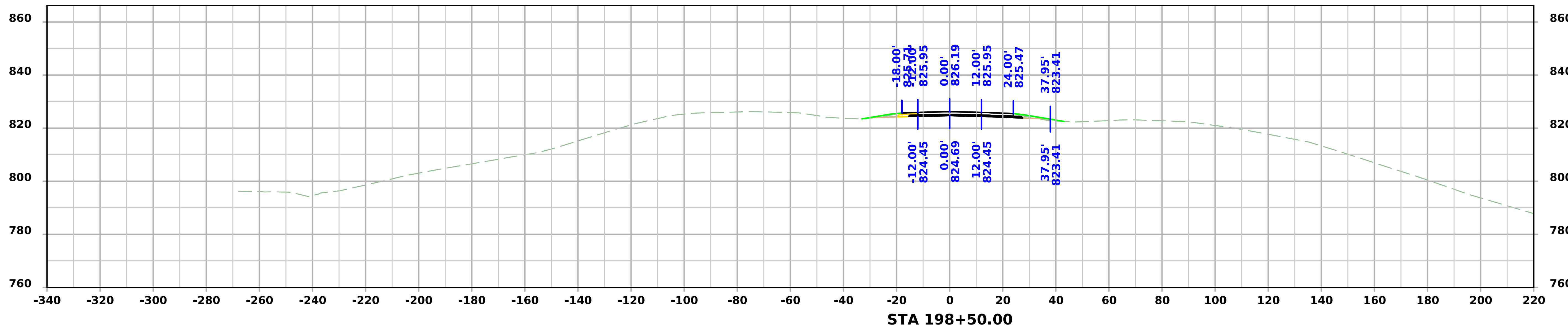


STA 197+50.00

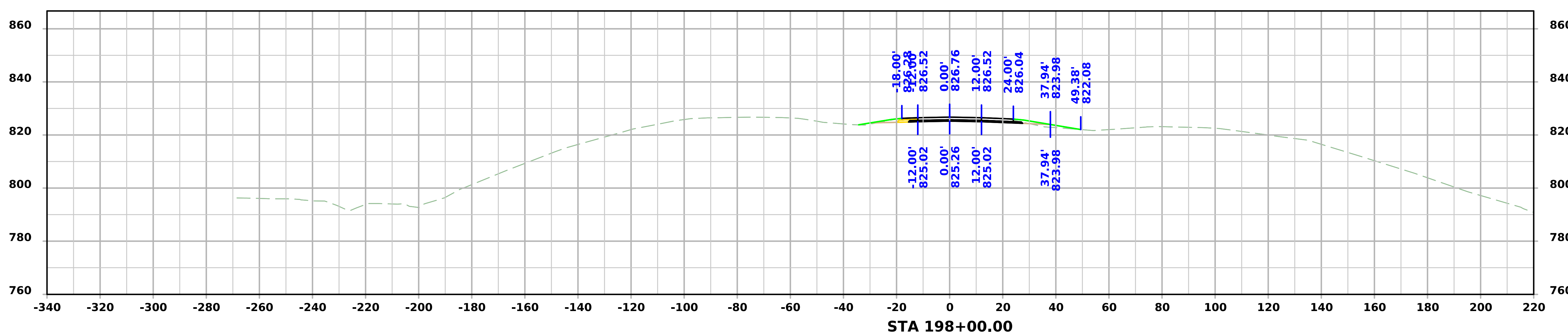
FILE NO. 98765	ENGLISH	DESIGN TEAM Iowa DOT	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.80

7:29:55 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80



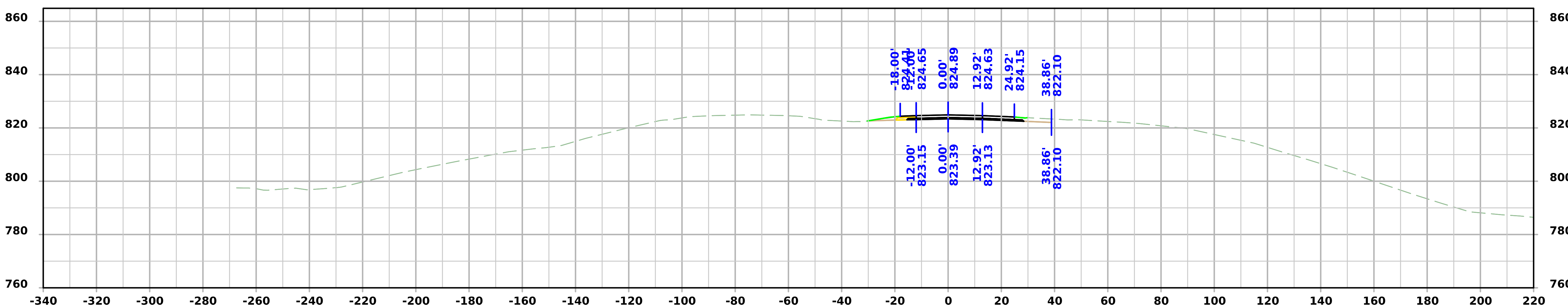
STA 198+50.00



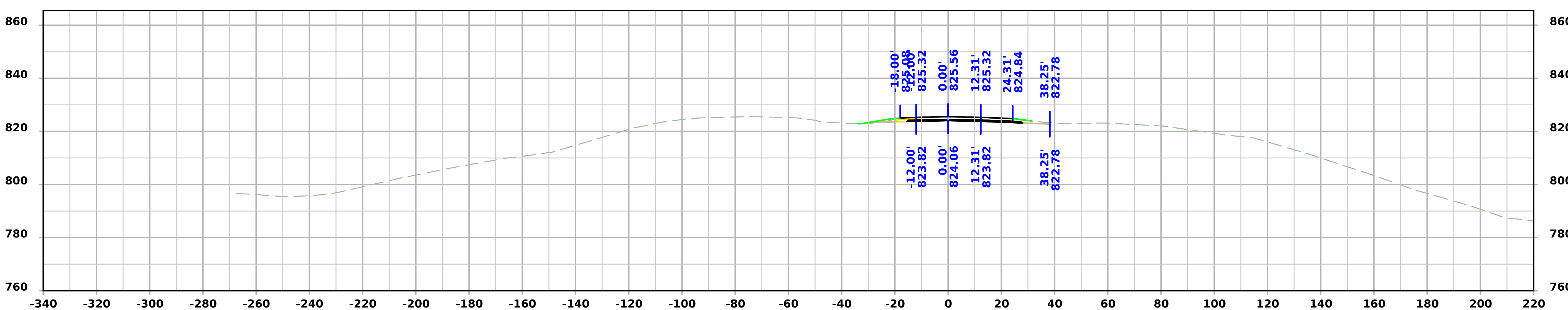
STA 198+00.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.81

I-80

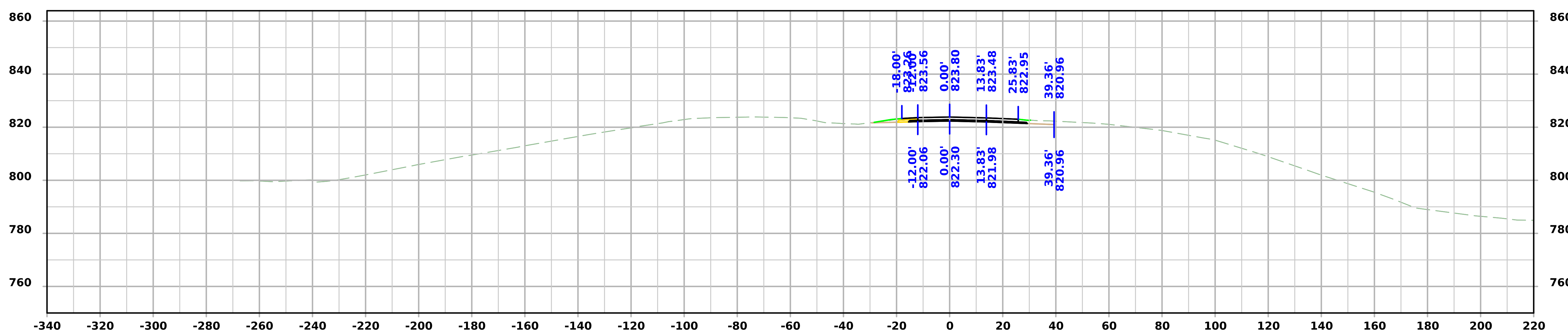


STA 199+50.00

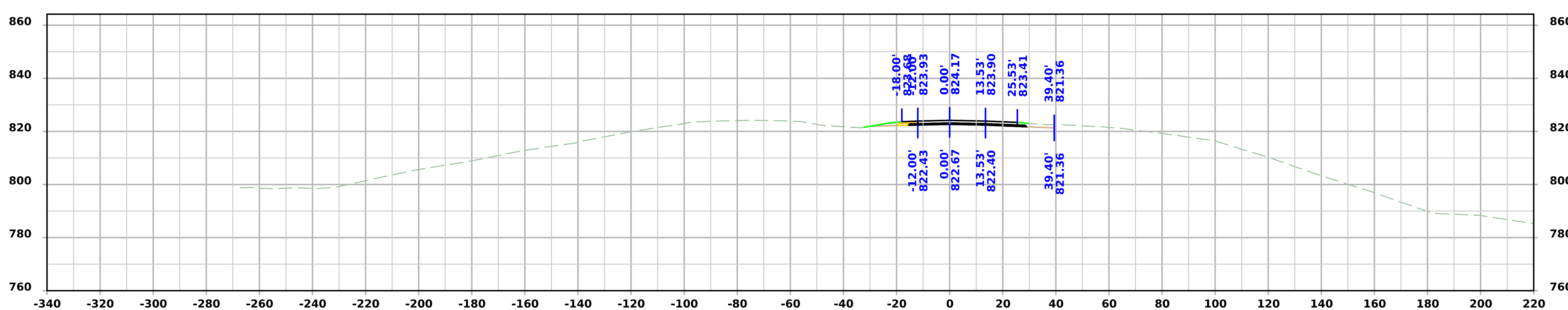


STA 199+00.00

I-80



STA 200+25.00

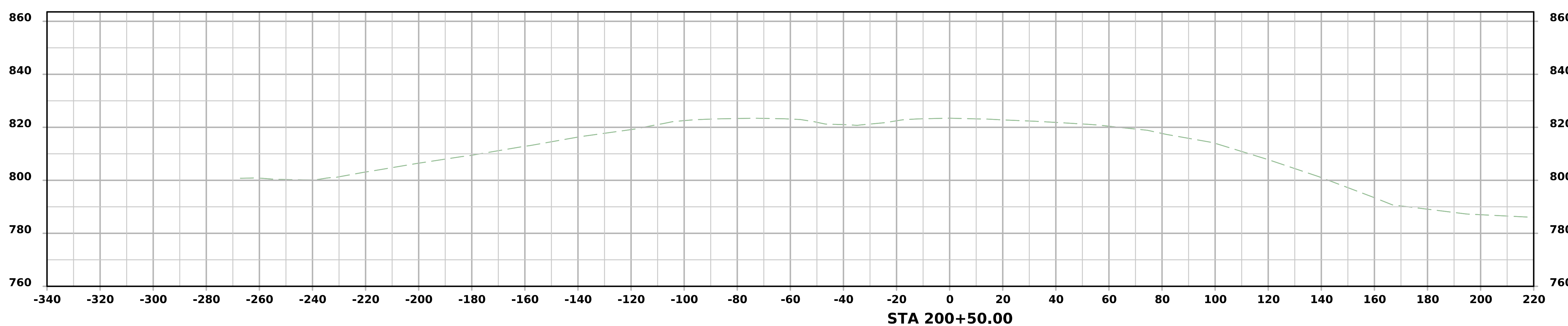


STA 200+00.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER W.83

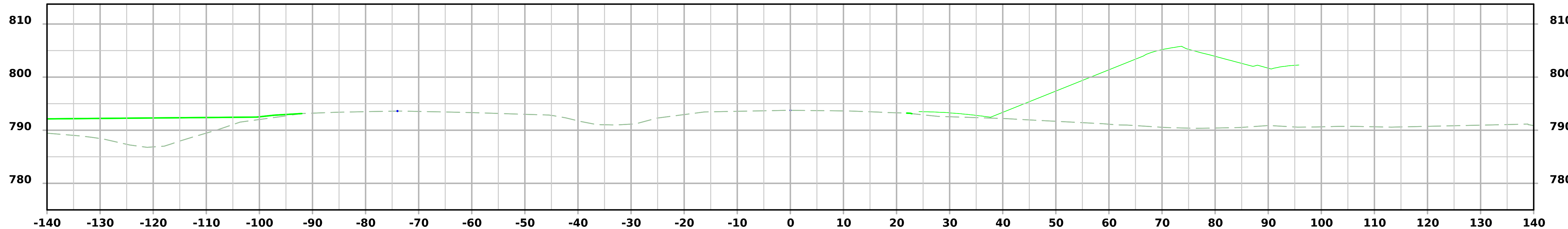
7:29:58 AM 2/10/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_W01.dgn

I-80

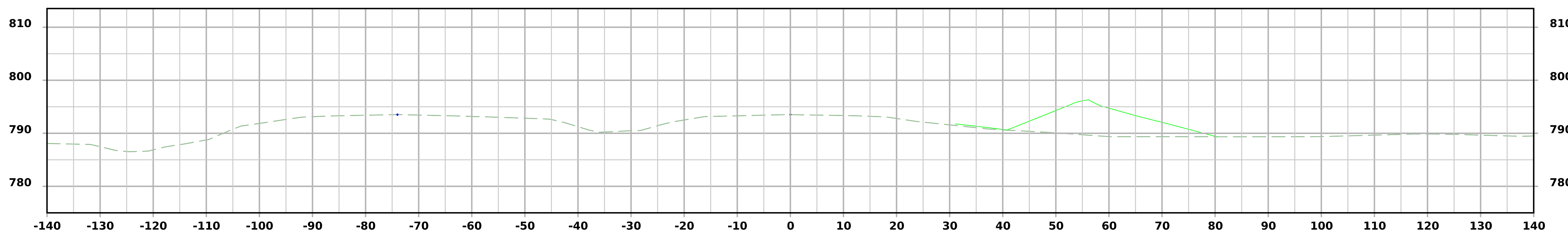


860
840
820
800
780
760
-340 -320 -300 -280 -260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180 200 220
STA 200+50.00

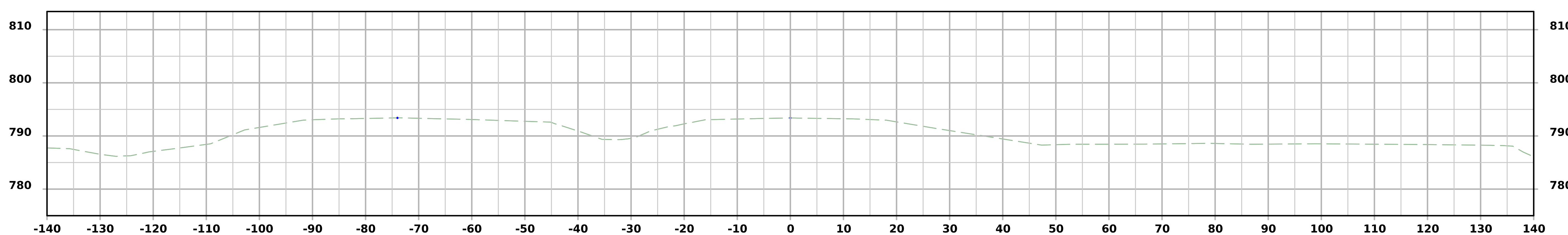
IA-149 NB



STA 828+00.00



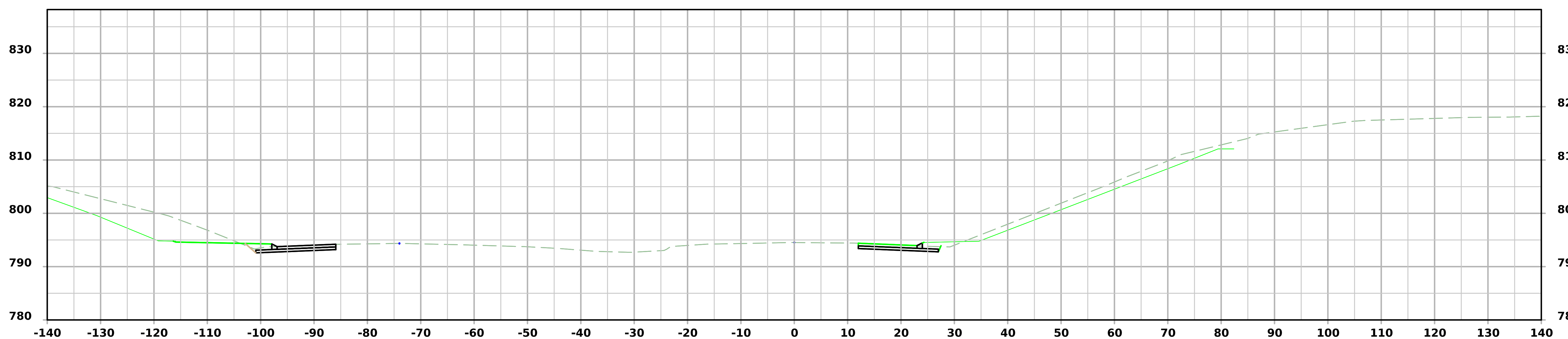
STA 827+50.00



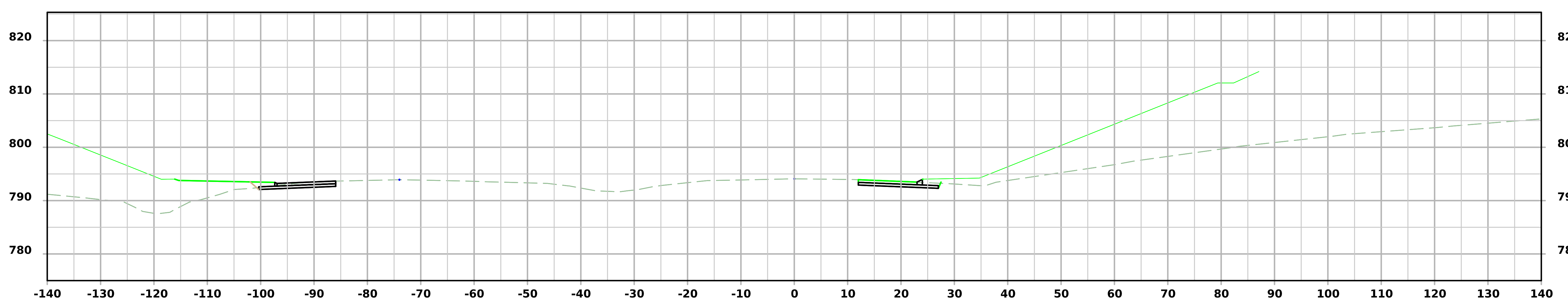
STA 827+00.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER X.01

IA-149 NB

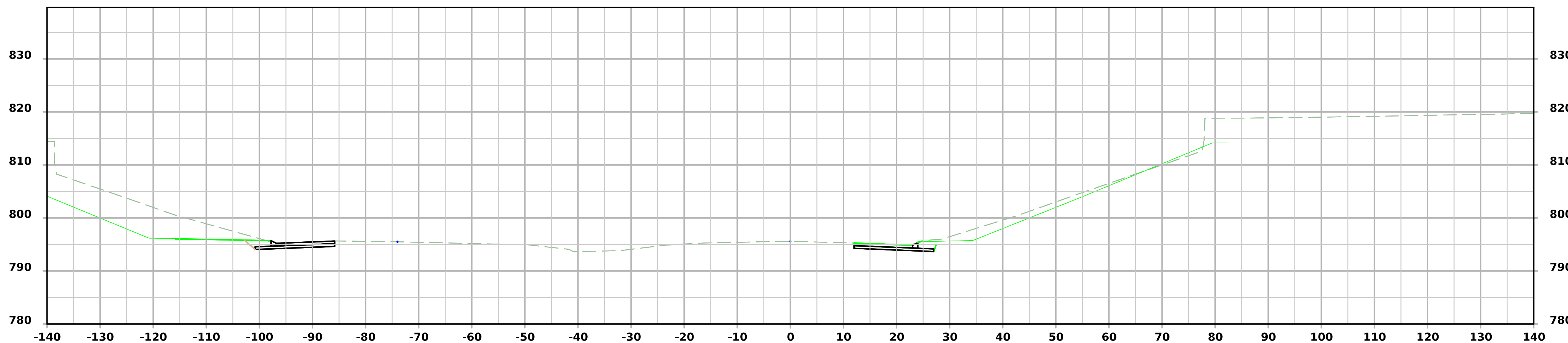


STA 829+00.00

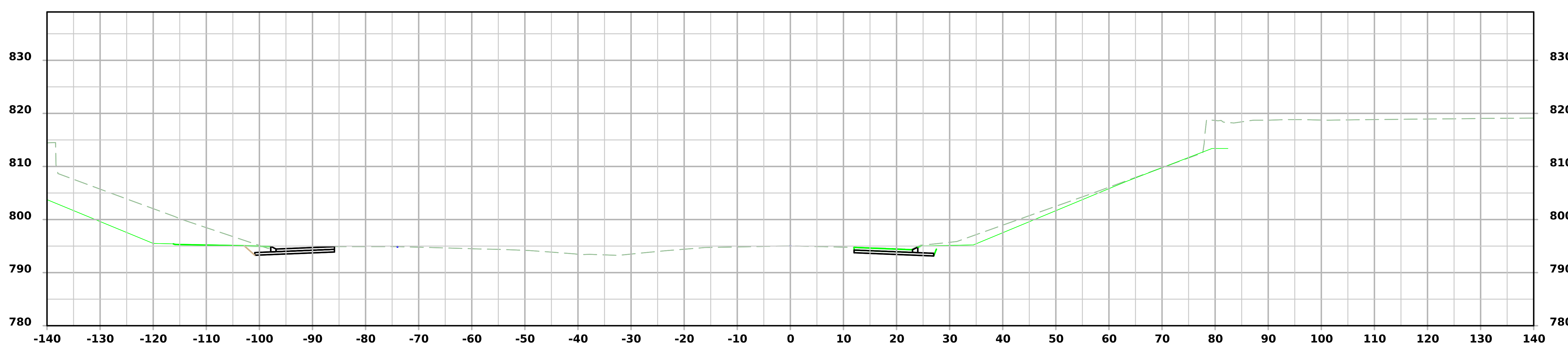


STA 828+50.00

IA-149 NB



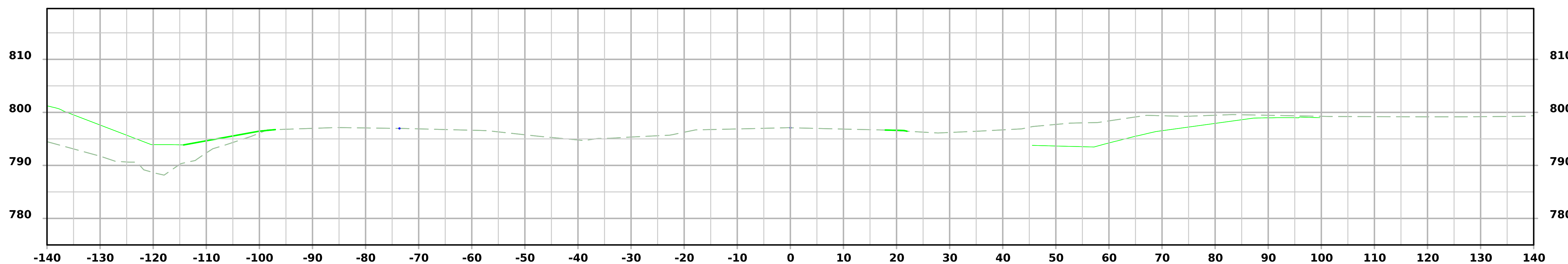
STA 830+00.00



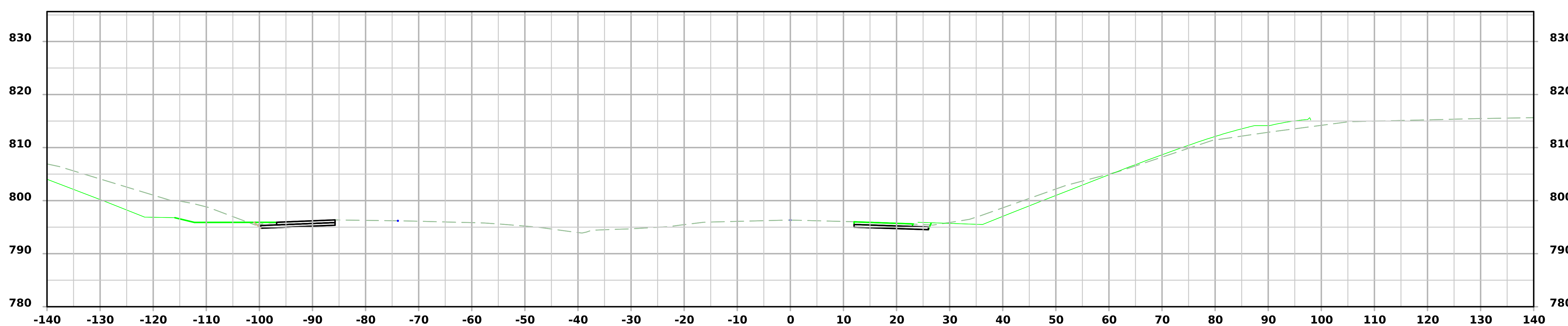
STA 829+50.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER X.03

IA-149 NB

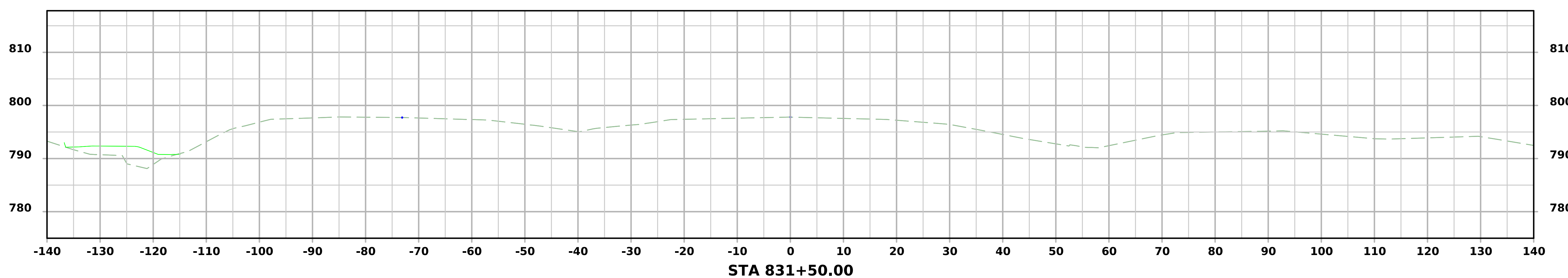


STA 831+00.00



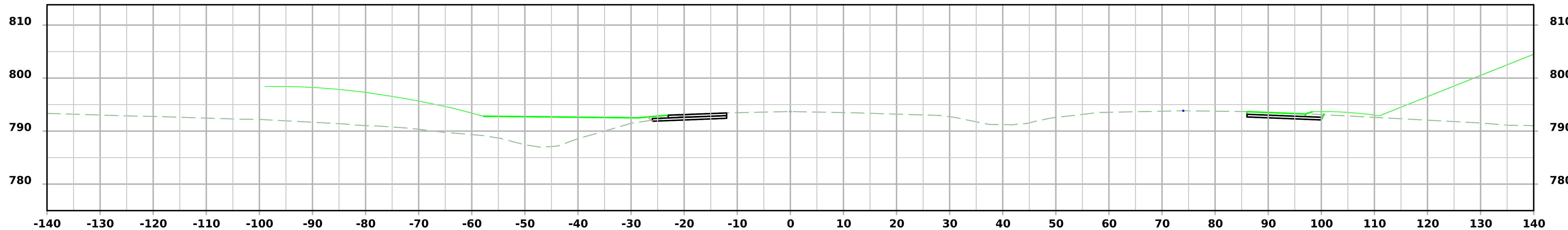
STA 830+50.00

IA-149 NB

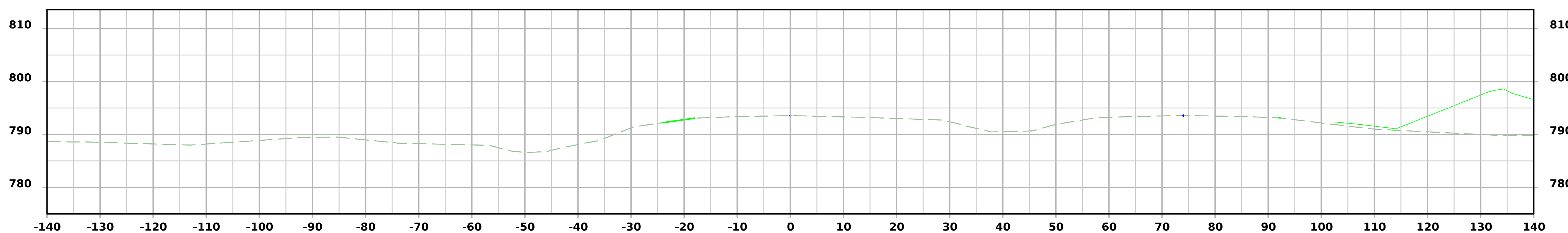


FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER X.05

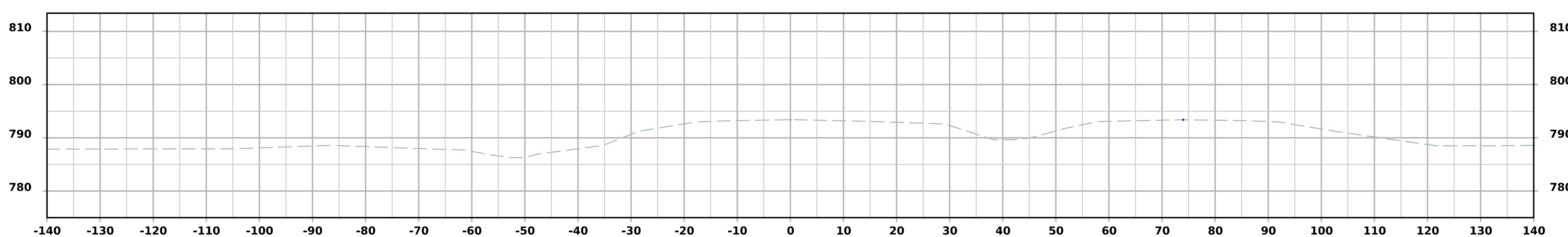
IA-149 SB



STA 2827+50.00

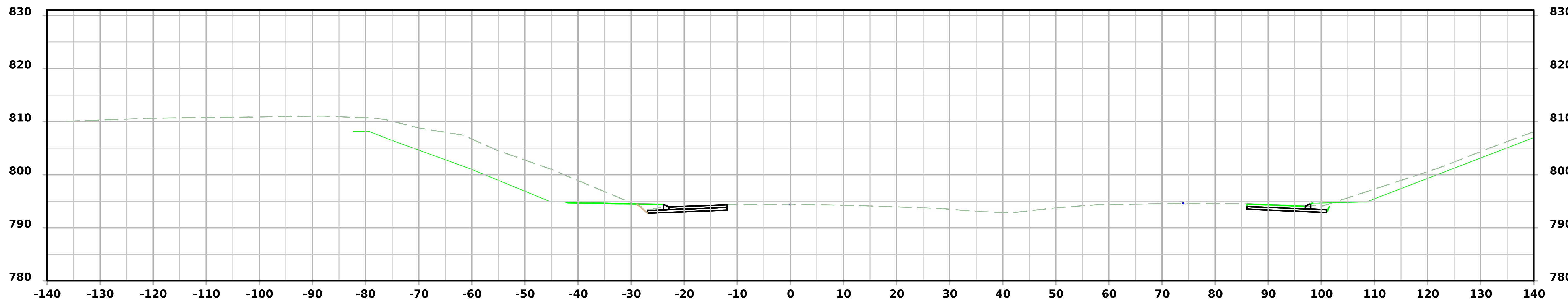


STA 2827+00.00

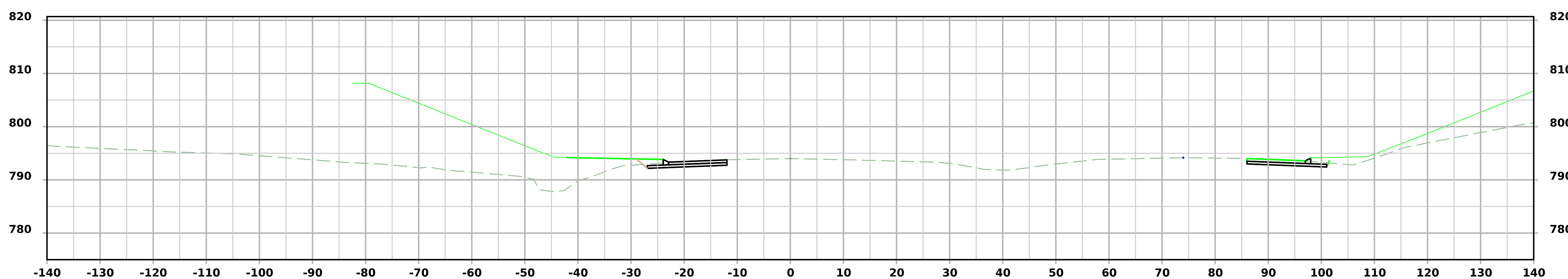


STA 2826+50.00

IA-149 SB



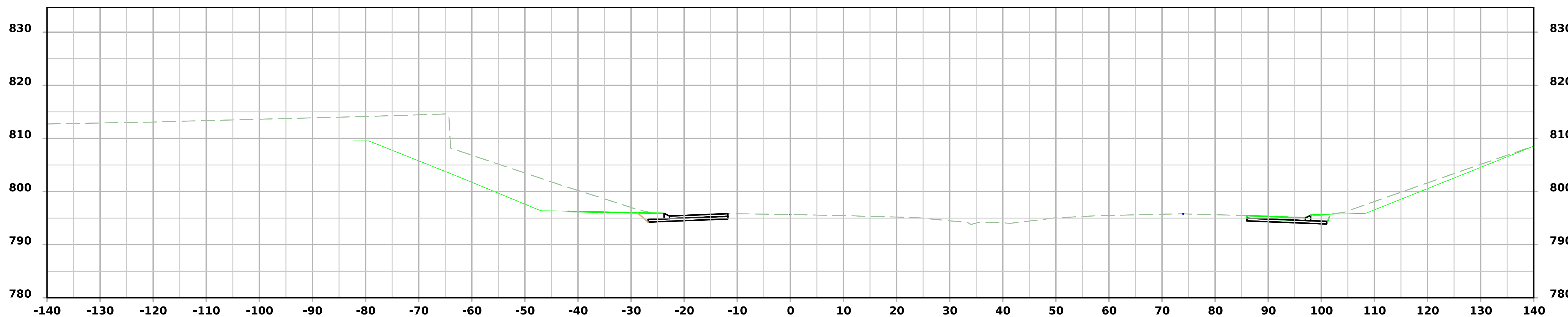
STA 2828+50.00



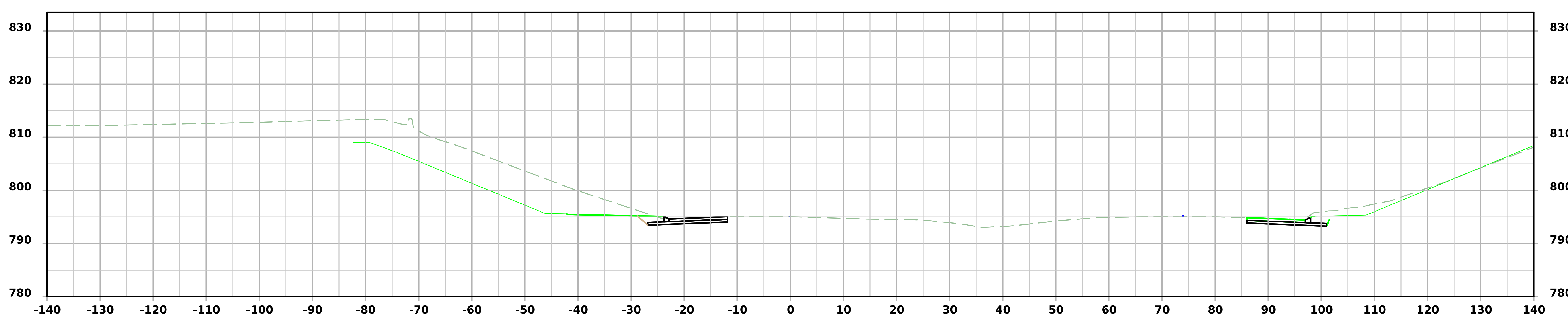
STA 2828+00.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER X.07

IA-149 SB



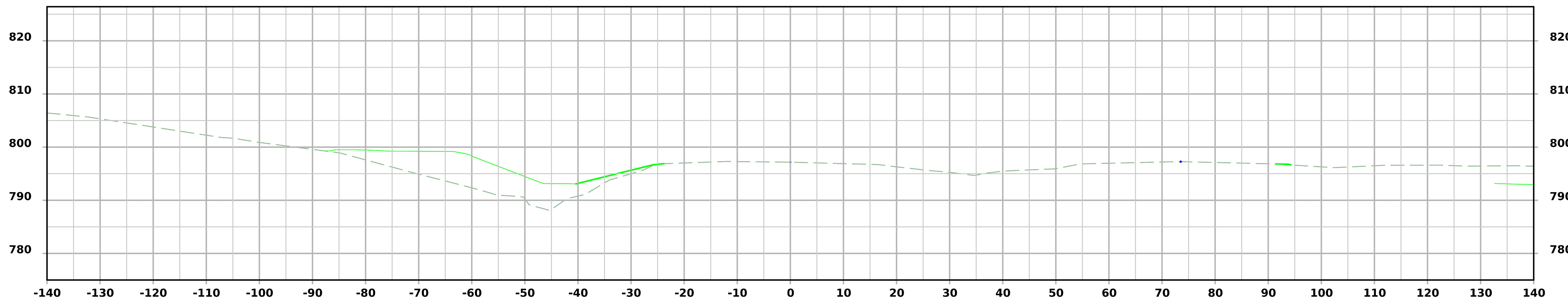
STA 2829+50.00



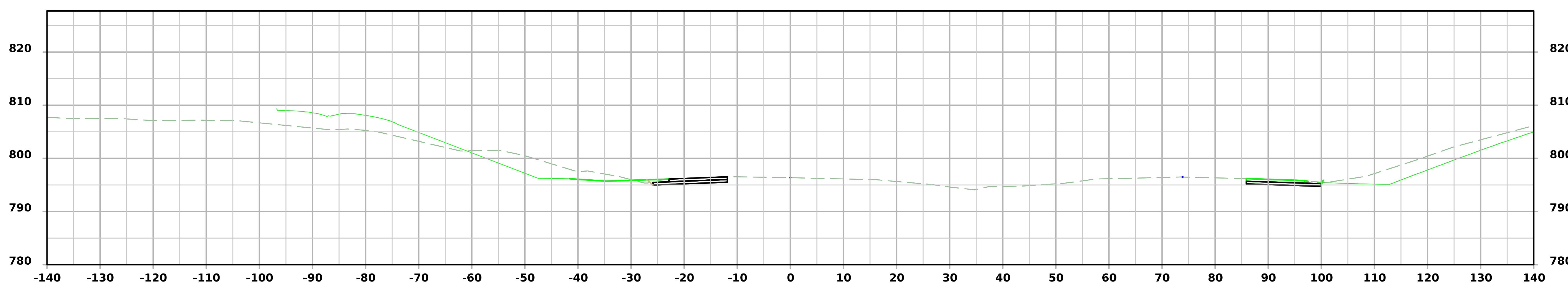
STA 2829+00.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER X.08

IA-149 SB



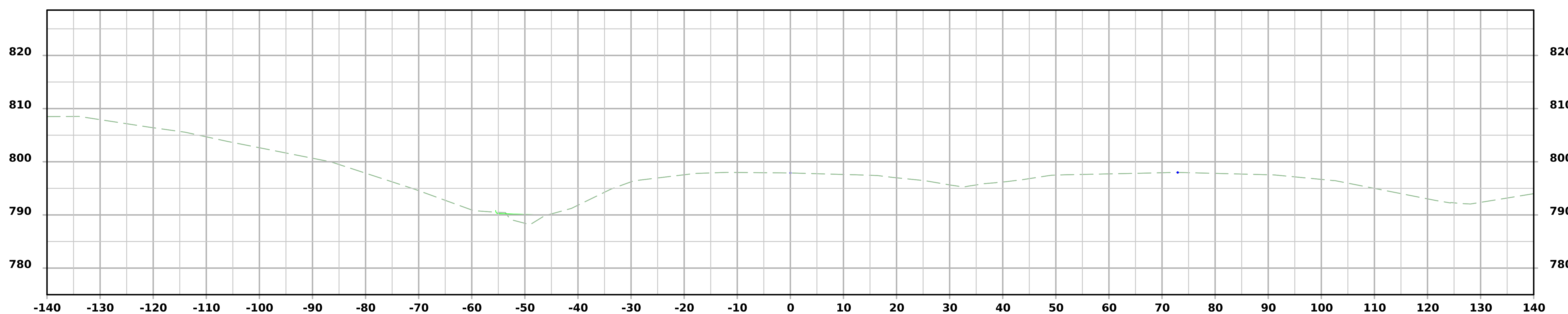
STA 2830+50.00



STA 2830+00.00

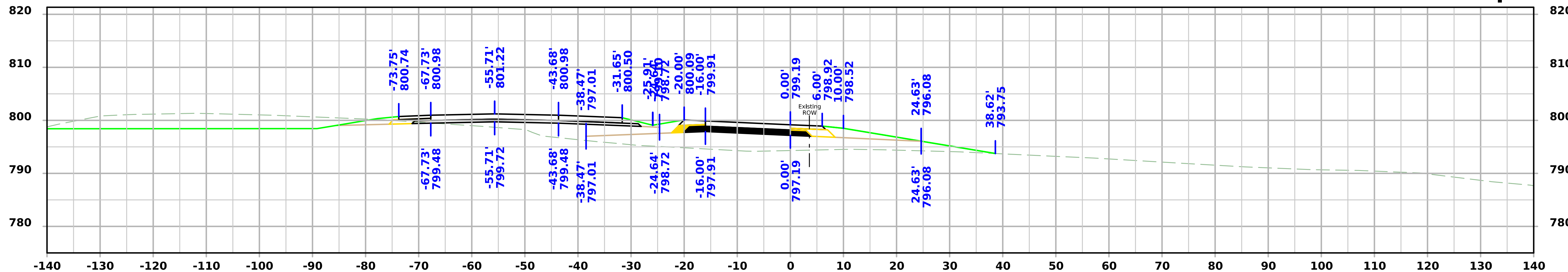
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER X.09

IA-149 SB

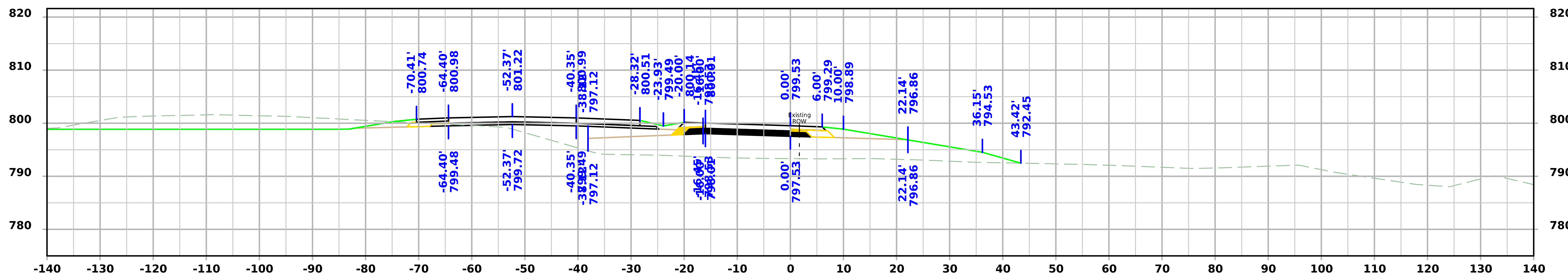


STA 2831+00.00

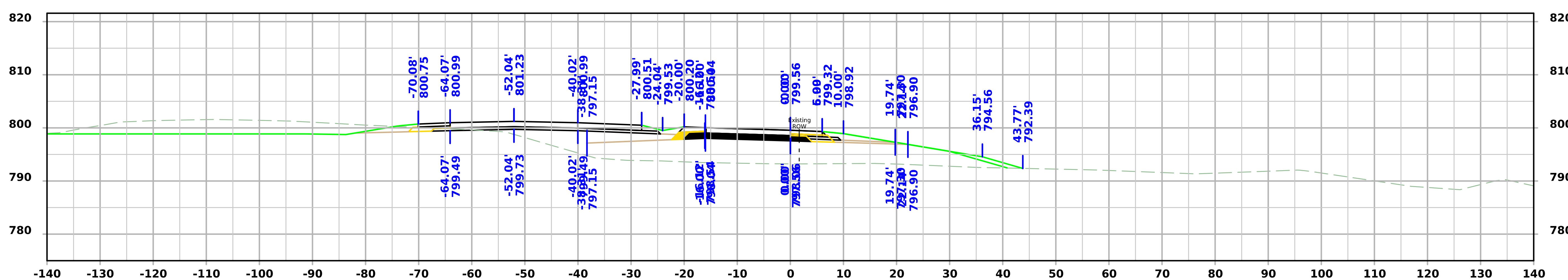
Ramp B



STA 1168+50.00



STA 1168+00.00

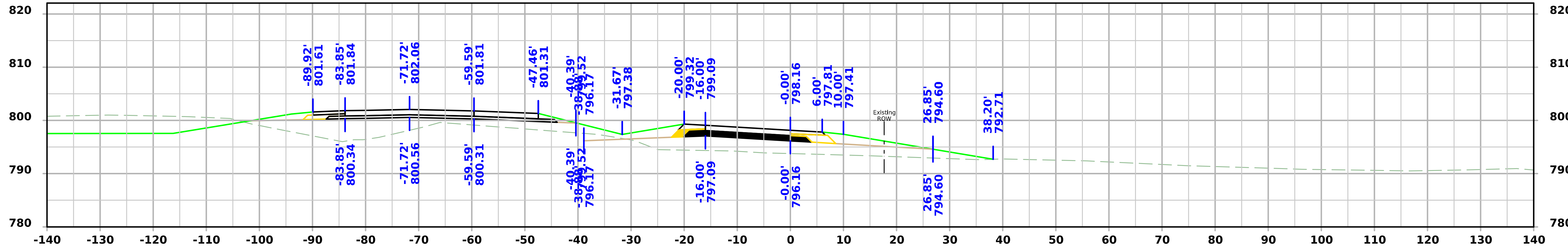


STA 1167+95.07

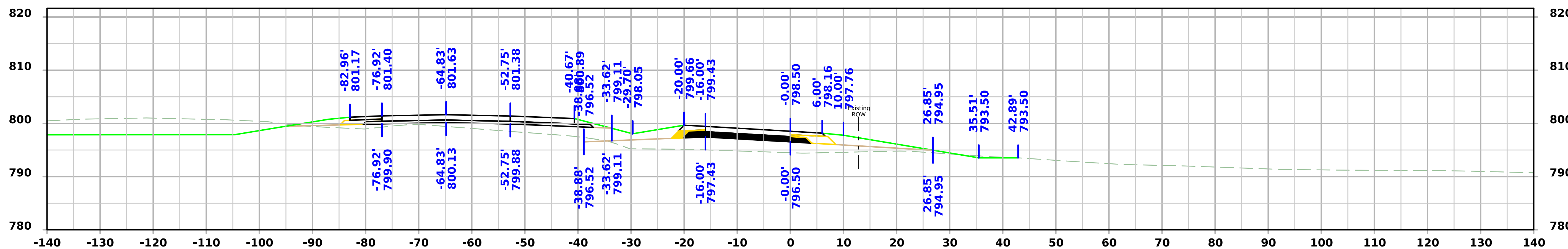
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.1

4:28:58 PM 1/22/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_Y01

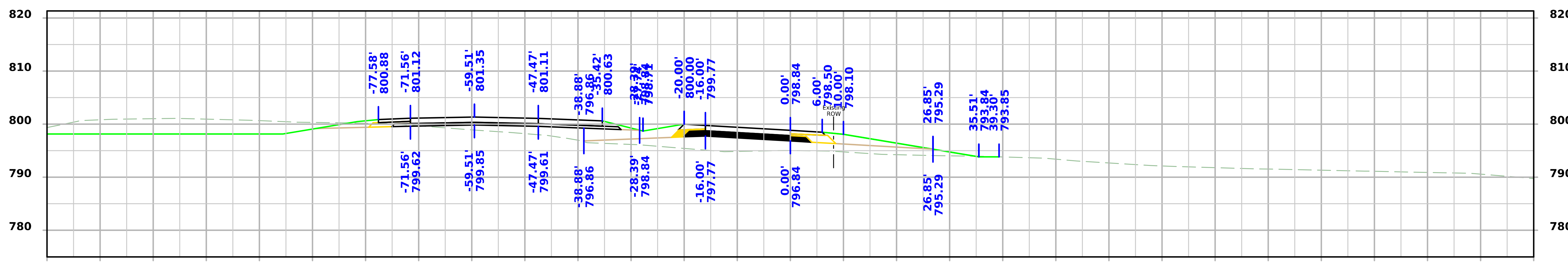
Ramp B



STA 1170+00.00



STA 1169+50.00

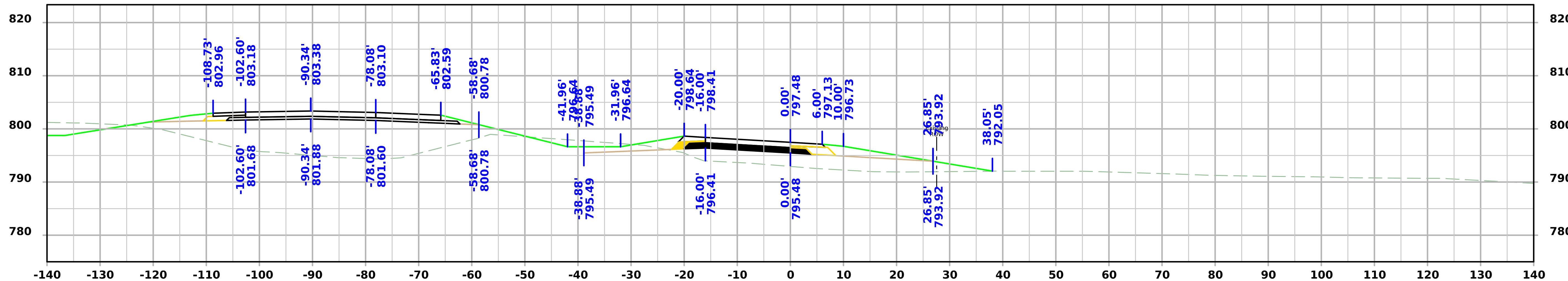


STA 1169+00.00

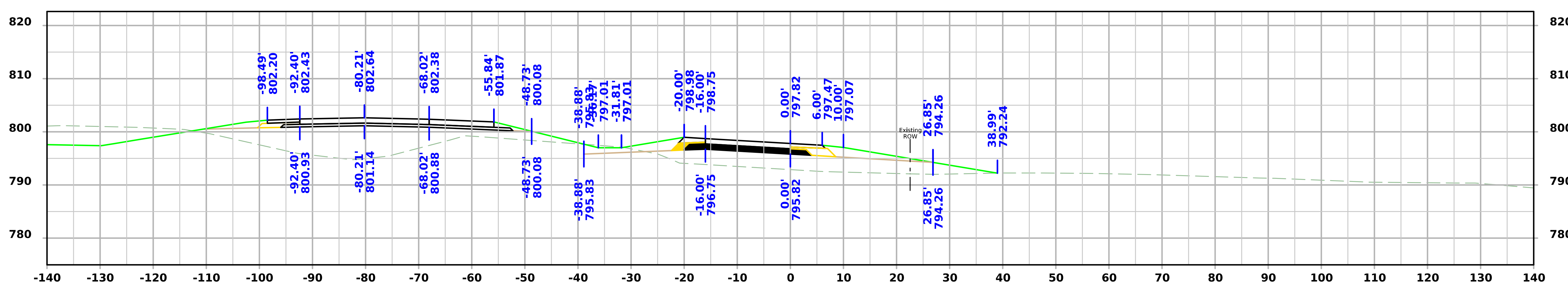
FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.2

4:29:00 PM 1/22/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_Y01

Ramp B



STA 1171+00.00

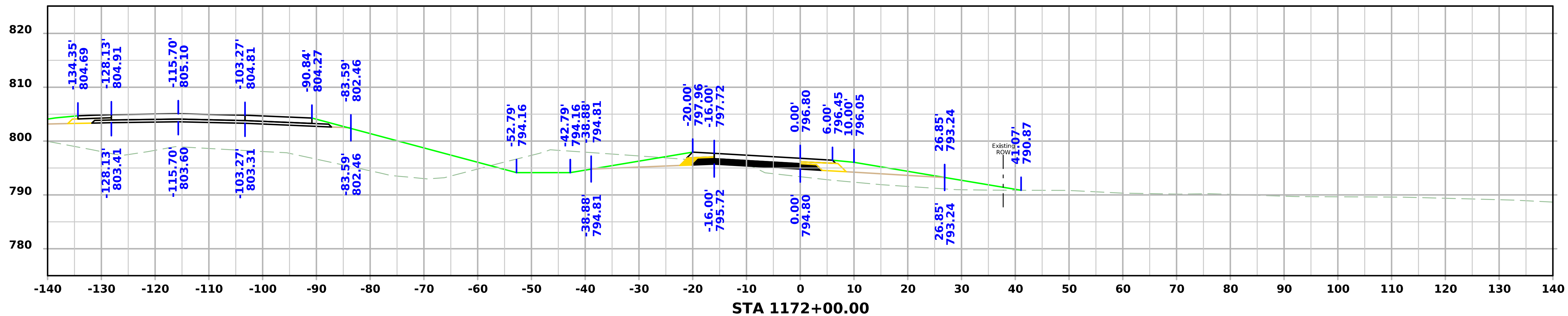


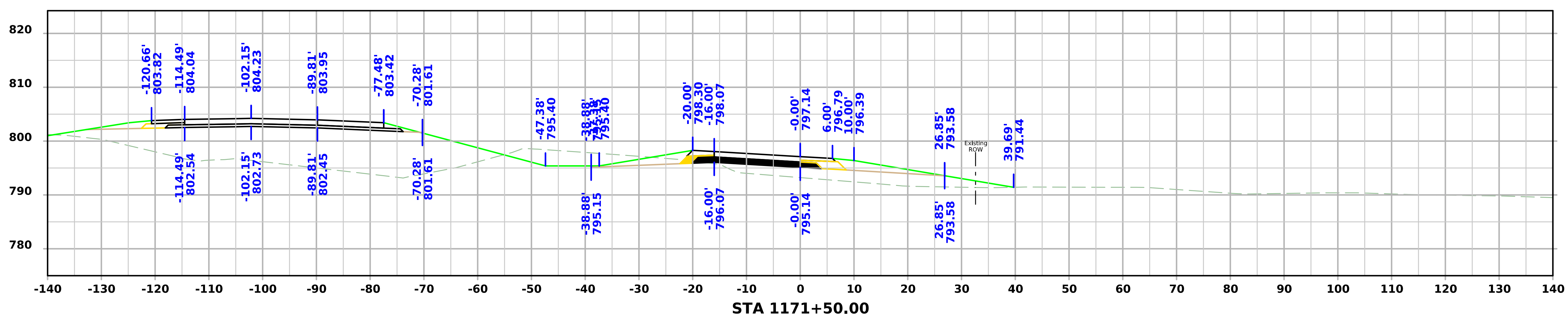
STA 1170+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.3

4:29:02 PM 1/22/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_Y01

Ramp B

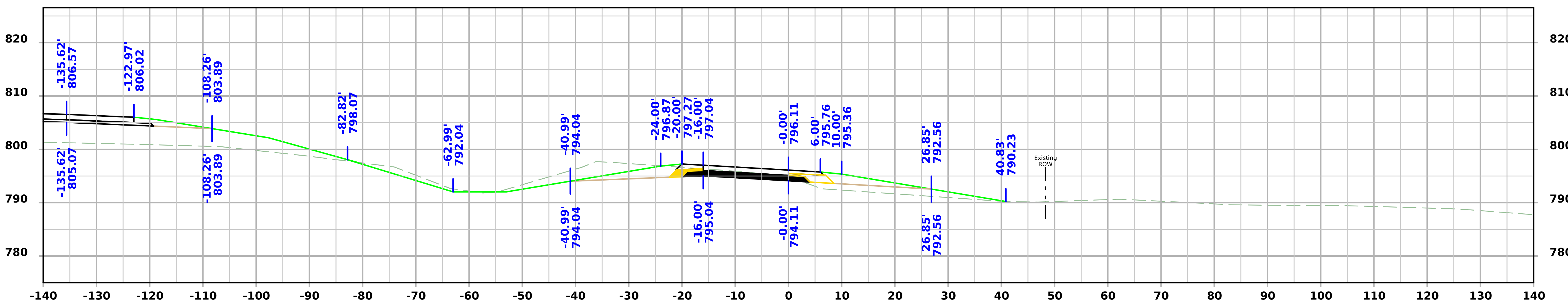




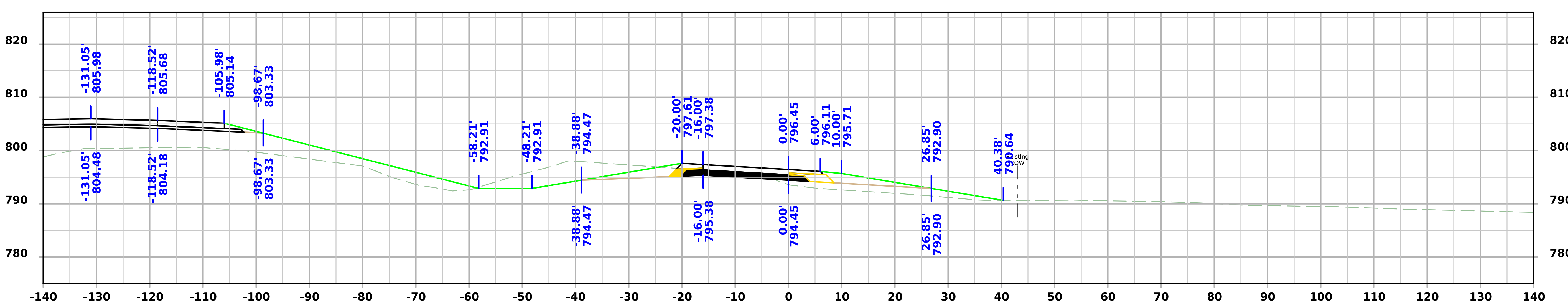
FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.4

4:29:03 PM 1/22/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_Y01

Ramp B



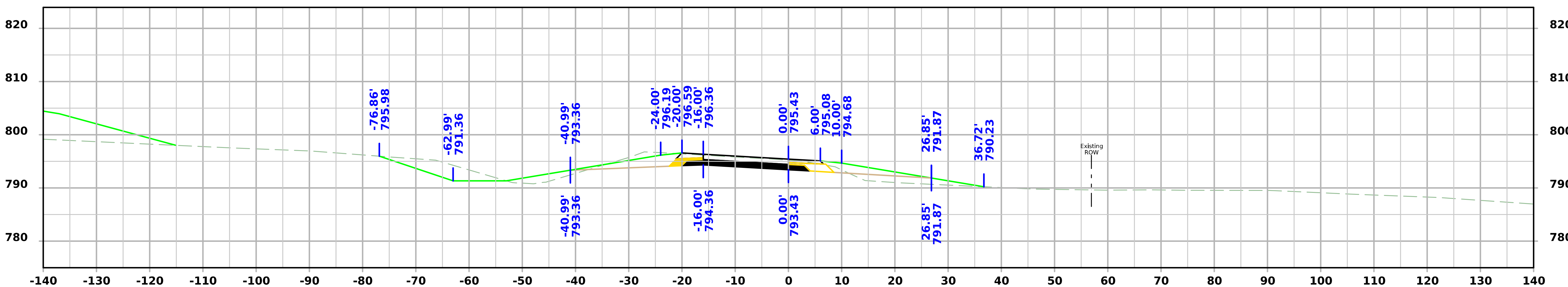
STA 1173+00.00



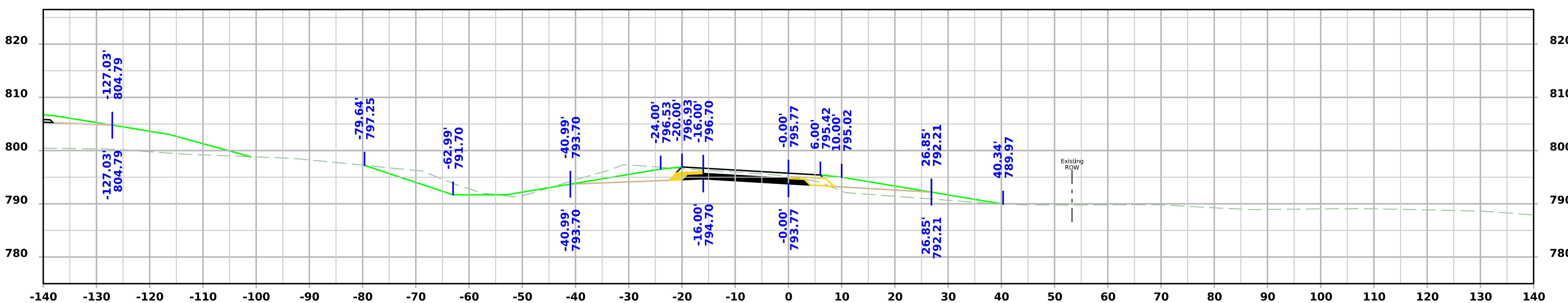
STA 1172+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.5

Ramp B



STA 1174+00.00

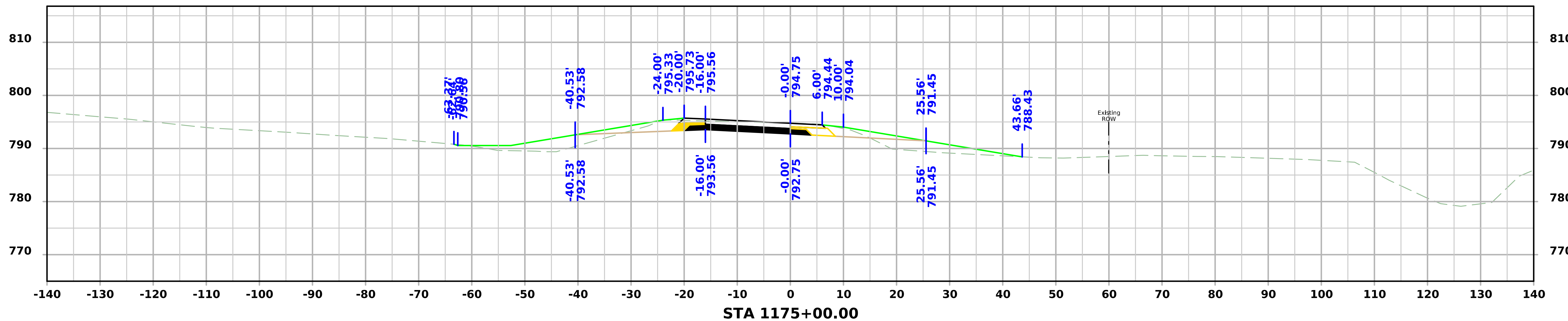


STA 1173+50.00

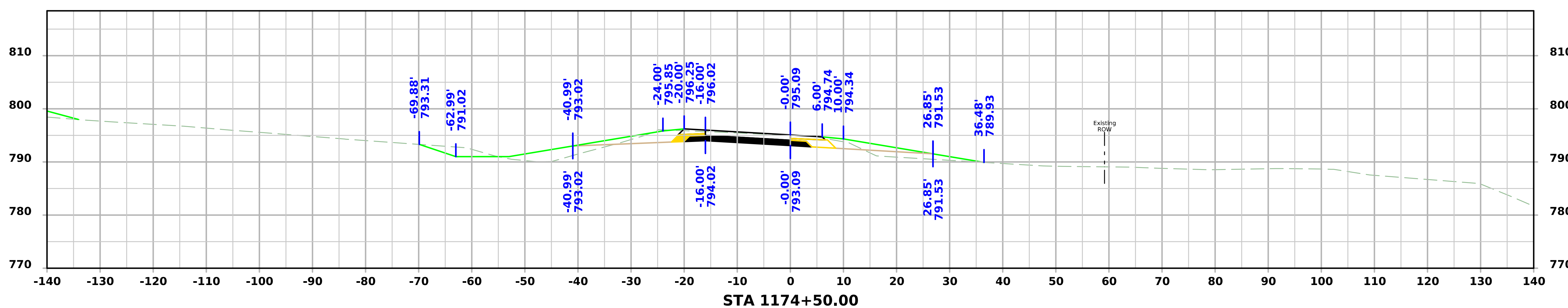
FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.6

4:29:06 PM 1/22/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_Y01

Ramp B



STA 1175+00.00

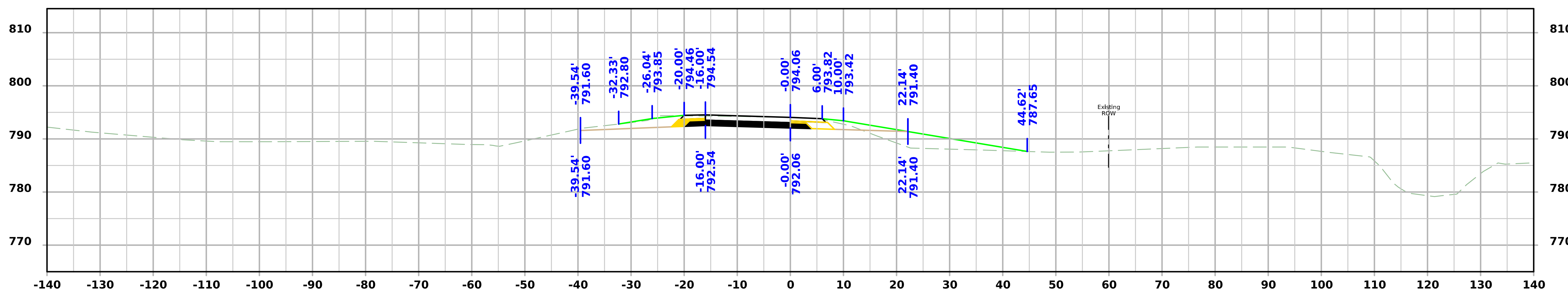


STA 1174+50.00

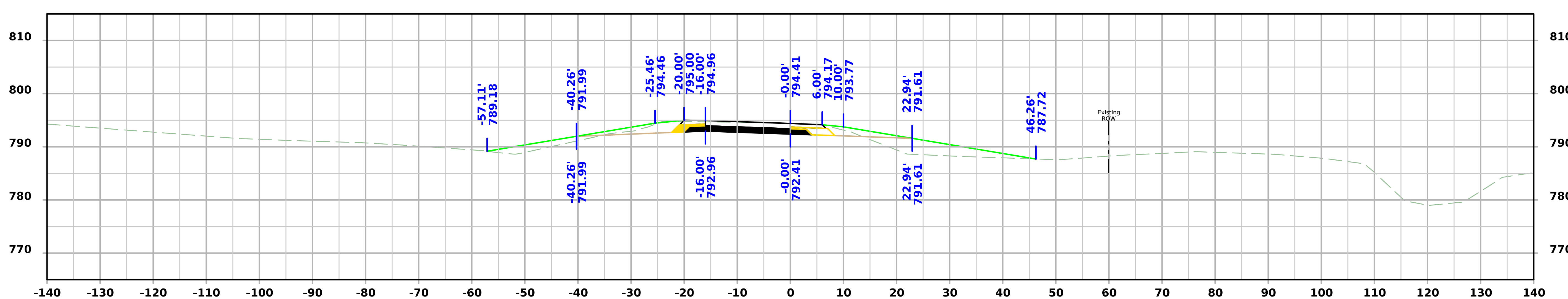
FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.7

4:29:08 PM 1/22/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_Y01

Ramp B



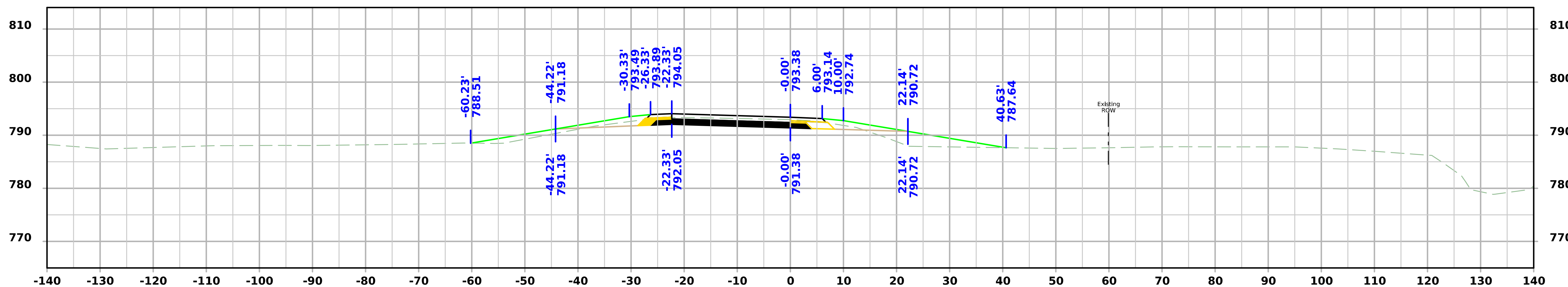
STA 1176+00.00



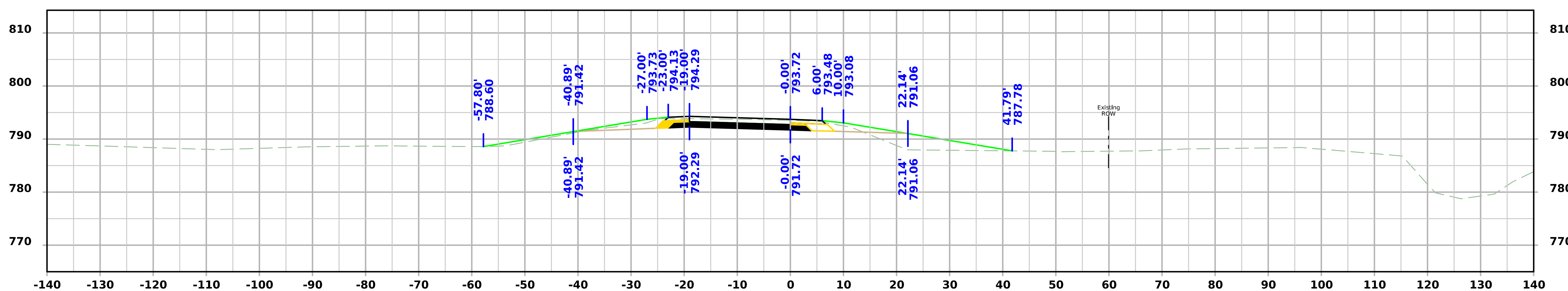
STA 1175+50.00

FILE NO. N/A	ENGLISH	DESIGN TEAM Holst/Finch/Gunderson	IOWA COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.8

Ramp B



STA 1177+00.00

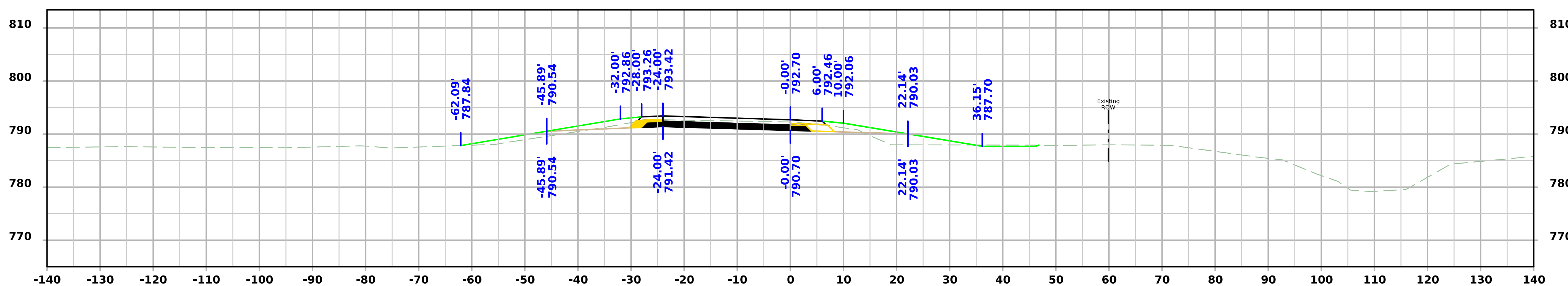


STA 1176+50.00

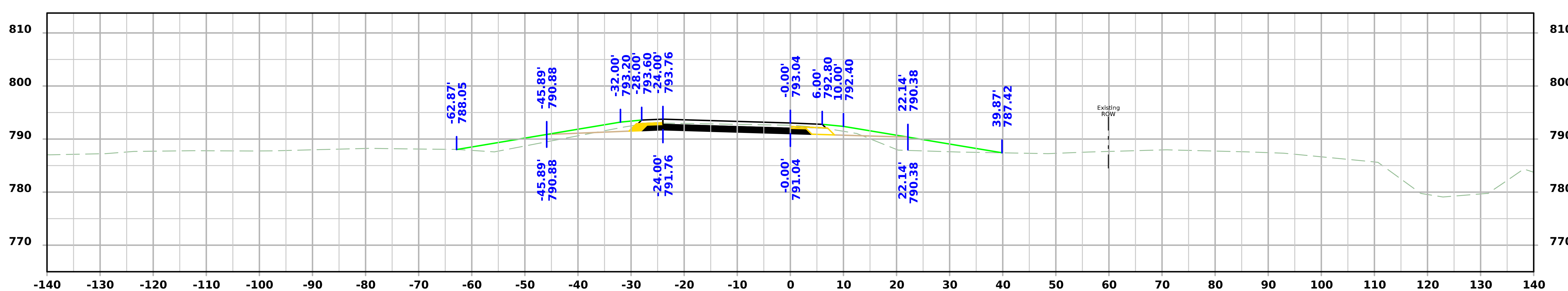
FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.9

4:29:11 PM 1/22/2025 bgunder pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\4808006022\Design\CADD_Files_(532) Preliminary Engineering\Sheet_Files\SHT_048080532Z10_Y01

Ramp B



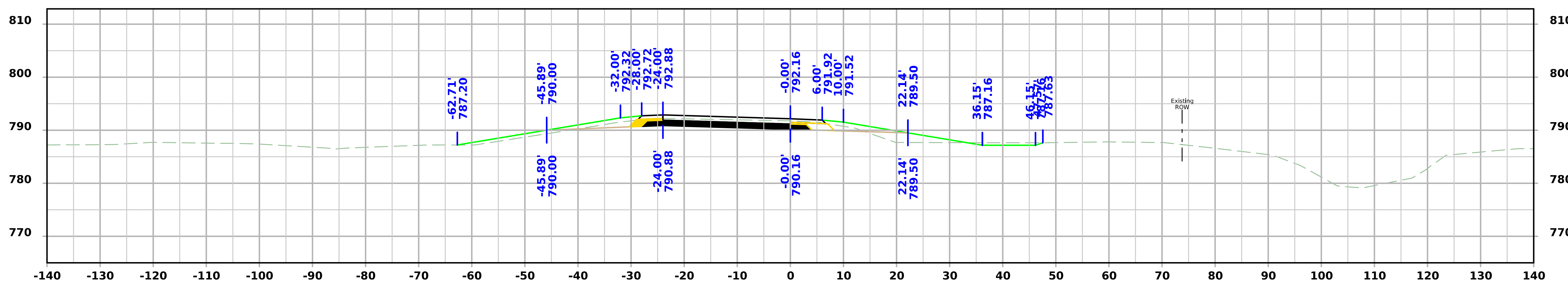
STA 1178+00.00



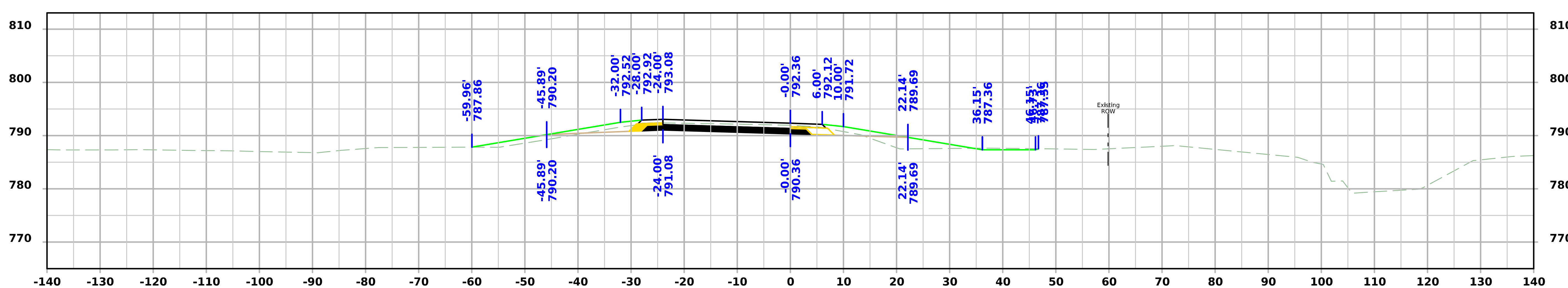
STA 1177+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.10

Ramp B

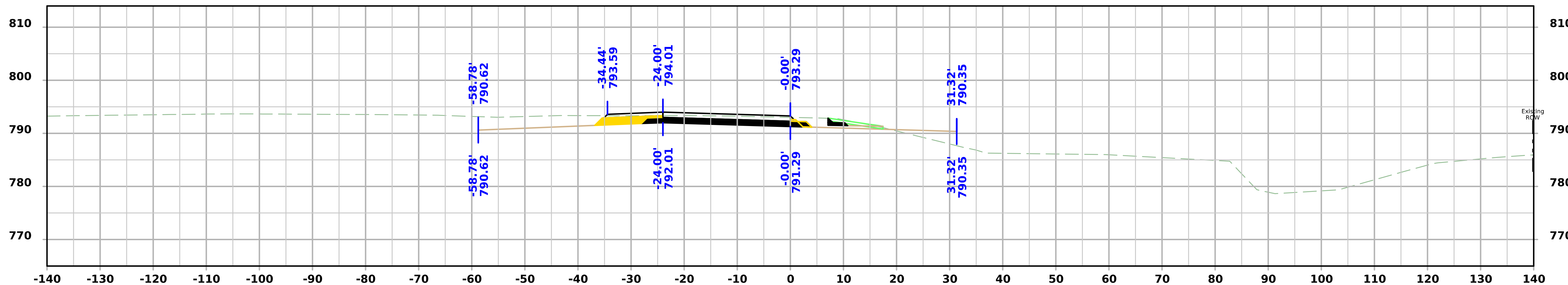


STA 1179+00.00

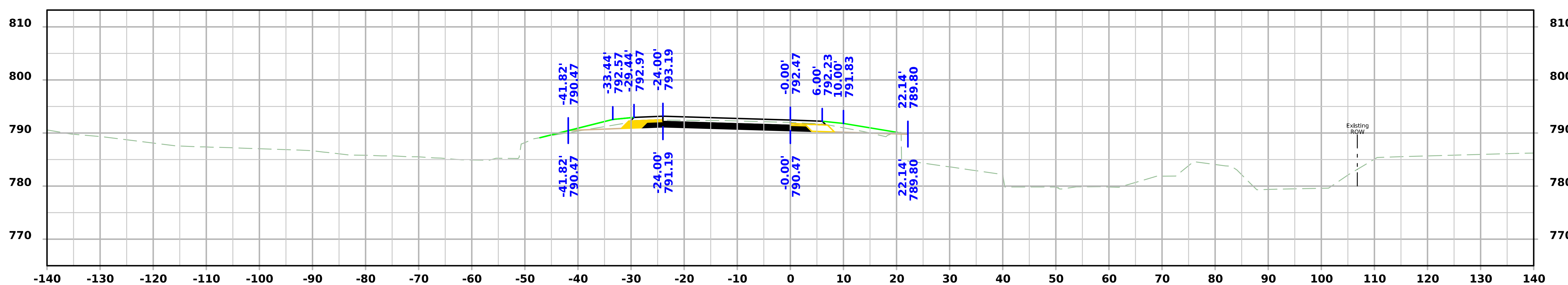


STA 1178+50.00

Ramp B



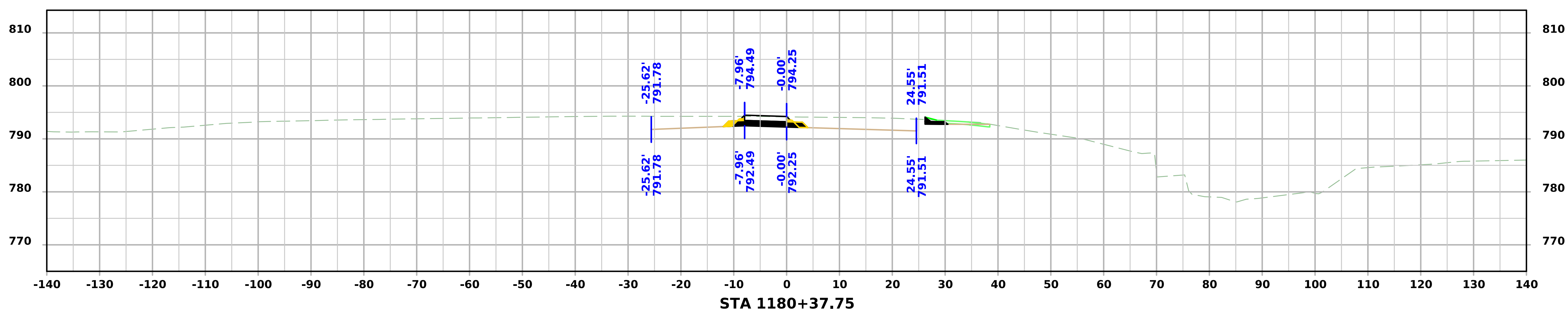
STA 1180+00.00



STA 1179+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Rhoads/Finch/Gunderson	Iowa COUNTY	PROJECT NUMBER IMX-080-6(532)219--02-48	SHEET NUMBER Y.12

Ramp B



810
800
790
780
770
-25.62'
791.78
-7.96'
794.49
-0.00'
794.25
24.55'
791.51
-25.62'
791.78
-7.96'
792.49
-0.00'
792.25
24.55'
791.51
-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
STA 1180+37.75