LETTING DATE **Oct 21 2025**

Unknown Pavement - Grade and Replace
NHSX-009-8(046)--3H-96

WINNESHIEK COUNTY

IOWA DOT

REVISIONS

	TOTAL 175
PROJECT IDENTIFICATION NUMBER	
24-96-09-010	
PROJECT NUMBER	
NHSX-009-8(046)--3H-96	
R.O.W. PROJECT NUMBER	
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INDEX OF SHEETS

No.	DESCRIPTION
A Sheets	**Title Sheets**
A.1	Title Sheet
A.2	Location Map Sheet
B Sheets	**Typical Cross Sections and Details**
B.1 - 8	Typical Cross Sections and Details
D Sheets	**Mainline Plan and Profile Sheets**
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - 7	IA 9
E Sheets	**Side Road Plan and Profile Sheets**
* E.1	Park St Plan and Profile Sheet
* E.2	Short St Plan and Profile Sheet
* E.3	Blue Grass Dr. Plan and Profile Sheet
G Sheets	**Survey Sheets**
G.1	Reference Ties and Bench Marks
G.2 - 3	Horizontal Control Tab. & Super for all Alignments
J Sheets	**Traffic Control and Staging Sheets**
J.1 - 2	Traffic Control Plan, Coordinated Operations, Staging Notes, and Travel Restrictions
* J.3	Traffic Control & Staging Legend & Symbol Info. Sheet
* J.4 - 6	Staging and Traffic Control Typical Cross Sections
* J.7	Staging and Traffic Control Sheets Stage 1
* J.8	Staging and Traffic Control Sheets Stage 2
* J.9	Staging and Traffic Control Sheets Stage 3
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* J.11	Staging and Traffic Control Sheets Stage 5
U Sheets	**500 Series, Mod.Stds. and Detail Sheets**
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W.2 - 118	Iowa 9 Cross Sections
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X.100 - 101	Park St. South
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X.400 - 405	Short St. North
X.500 - 502	Blue Grass Dr. North
X.600 - 601	Blue Grass Dr. South
	* Color Plan Sheets

PLANS OF PROPOSED IMPROVEMENT ON THE

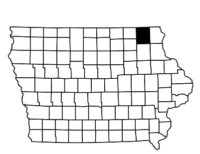
PRIMARY ROAD SYSTEM
WINNESHIEK COUNTY
Unknown Pavement - Grade and Replace
In Decorah, from US 52 to near Pleasant Ave

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.



DESIGN DATA RURAL

2025	AADT	9800	V.P.D.
2045	AADT	13138	V.P.D.
20 --	DHV	--	V.P.H.
TRUCKS		9	%
Total Design ESALs		--	

INDEX OF SEALS

SHEET NO.	NAME	TYPE	BID QUANTITY SHEETS
A.1	Kelly C. Bell	Primary Signature Block	X
X	X	X	X

PRELIMINARY PLANS

Subject to change by final design.

D3 PLAN: 01-28-2025

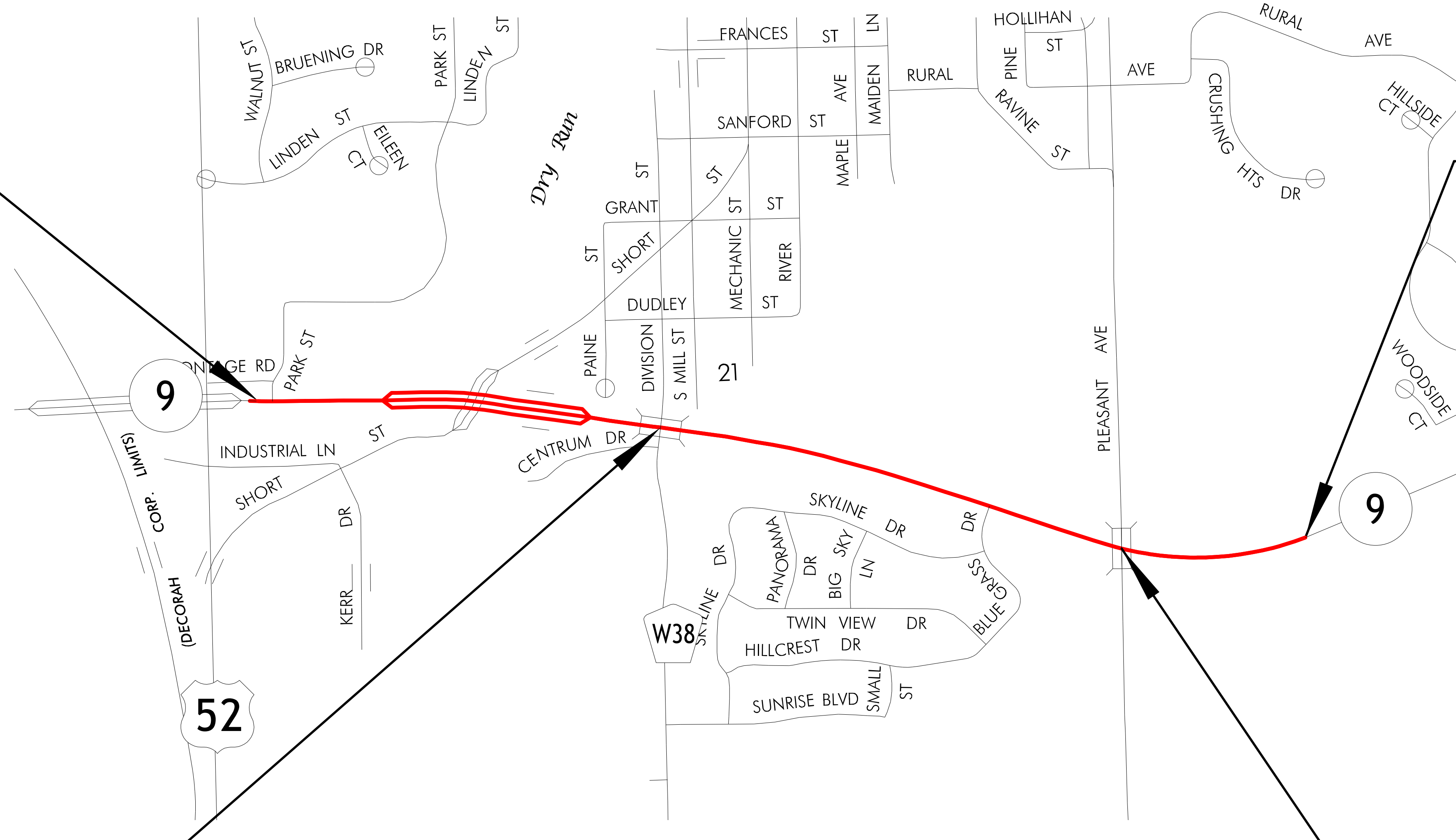
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER A.1

11:12:13 AM 1/28/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Sheet_Files\SHT_A01_96009046Z02.dgn

CITY OF DECORAH

Ref. Loc MP 258.22
STA 101+37.80
BEGIN CONSTRUCTION

Ref. Loc MP 259.58
STA 173+25.00
END CONSTRUCTION

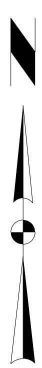


BRIDGE
IA 9 over Division Street

Sta. 130+53.66
FHWA# 52590 (EXST)

BRIDGE
Pleasent Ave over IA 9

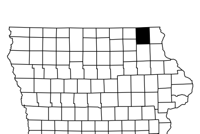
Sta. 158+02.39
FHWA# 52600 (EXST)

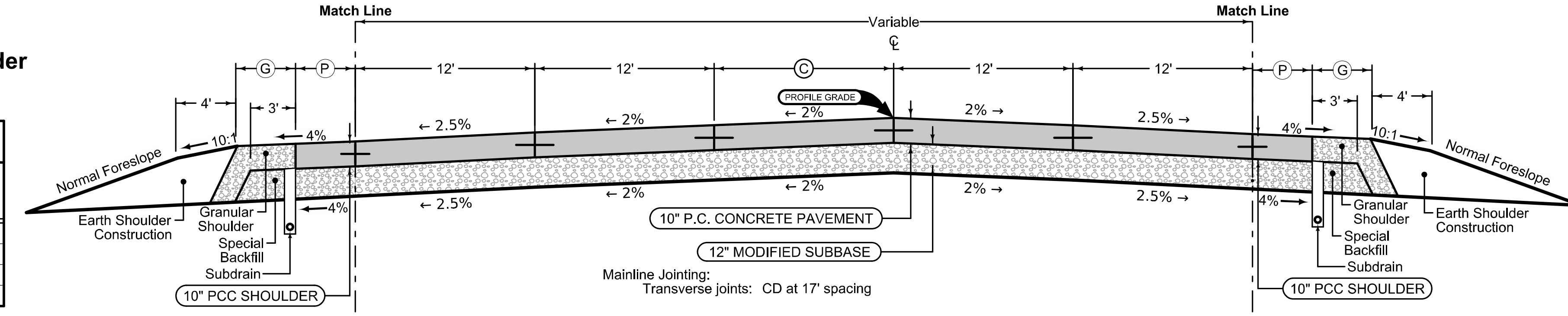


LOCATION MAP SCALE

0 0.5 1

Miles





Full Depth PCC Combination Shoulder

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

Direction of Travel	BEGIN STATION	END STATION	(P) Feet	(G) Feet
				4_C_FullPCC_ 04-20-21
WB	101+45.00	107+67.06	6	4
WB	108+50.59	119+03.00	6	4

Full Depth PCC Combination Shoulder

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

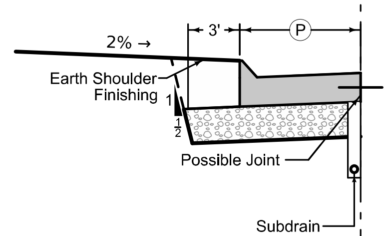
Direction of Travel	BEGIN STATION	END STATION	(P) Feet	(G) Feet
				4_C_FullPCC_ 04-20-21
EB	101+45.00	107+67.06	6	4
EB	108+42.79	110+98.96	6	4

STATION TO STATION		(C) Feet
		4UP_ 04-21-20
101+37.80	101+86.81	16.1
101+86.81	107+09.88	16.1-0
107+09.88	110+48.83	0
110+48.83	119+25.39	0-19.5
119+25.39	120+20.84	19.5-19.8
120+20.84	123+80.44	19.8
123+80.44	129+13.02	19.8-4.8
Gap for Bridge and Approaches		
132+12.89	137+12.19	0
137+12.19	146+22.11	0-13.6
146+22.11	152+79.00	13.6
152+79.00	159+75.28	13.6-0
159+75.28	173+00.00	0

Curbed Shoulder

Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

Single pour: L-2
Staged : KT-2
Transverse: C at 17' spacing

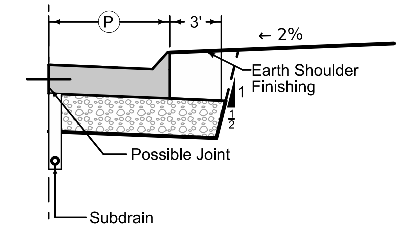


STATION TO STATION		(P) Feet	Curb Type See PV-102
			2_Curb_ 04-21-20
120+78.44	129+13.02	9	

Curbed Shoulder

Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

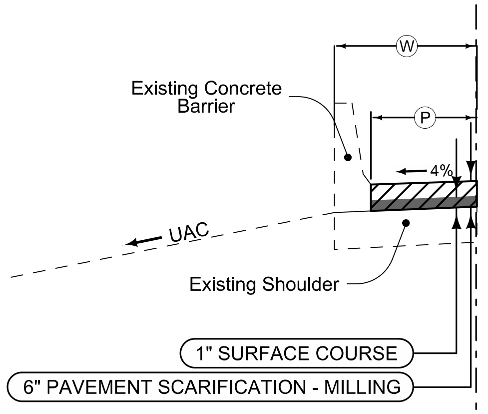
Single pour: L-2
Staged : KT-2
Transverse: C at 17' spacing



STATION TO STATION		(P) Feet	Curb Type See PV-102
			2_Curb_ 04-21-20
114+30.00	118+56.00	9.5	
Gap for Short St.			
121+50.00	129+13.02	9	
168+15.00	173+00.00	10	

Paved Shoulder Mill & Overlay

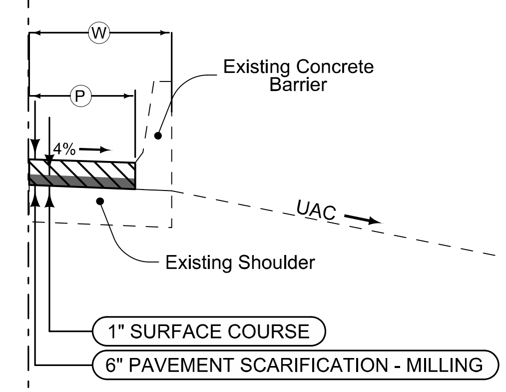
HMA Shoulder Jointing:
Longitudinal joint: B
Transverse joints: C at 17' spacing



Direction of Travel	BEGIN STATION	END STATION	(P) Feet	(W) Feet
				4_P_FullPCC_ 04-20-21
WB	138+70.86	147+94.66	8	9

Paved Shoulder Mill & Overlay

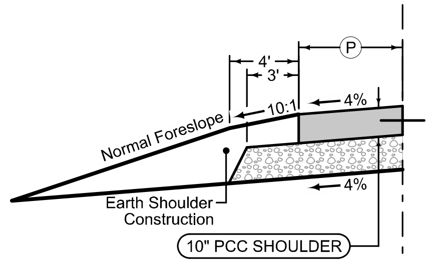
HMA Shoulder Jointing:
Longitudinal joint: B
Transverse joints: C at 17' spacing



Direction of Travel	BEGIN STATION	END STATION	(P) Feet	(W) Feet
				4_P_FullPCC_ 04-20-21
EB	112+40.00	114+30.00	8	9

Full Depth PCC Shoulder

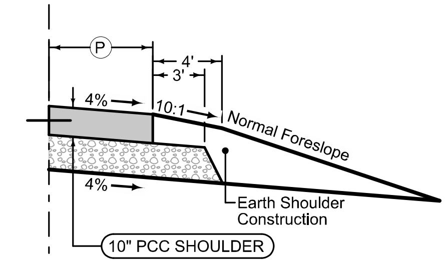
Shoulder Jointing:
Longitudinal joint: BT-2, L-2 or KT-2
Transverse joints: C at 17' spacing



Direction of Travel	BEGIN STATION	END STATION	(P) Feet
			4_P_FullPCC_ 04-20-21
WB	132+14.00	138+70.00	8
Gap for Barrier Rail			
WB	147+94.66	149+47.61	8
Gap for Blue Grass Dr.			
WB	150+62.07	173+00.00	8

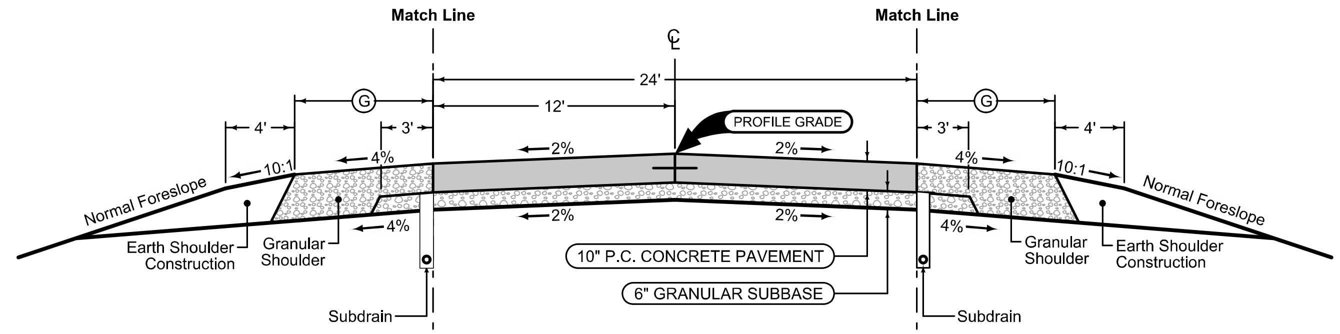
Full Depth PCC Shoulder

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



Direction of Travel	BEGIN STATION	END STATION	(P) Feet
			4_P_FullPCC_ 04-20-21
EB	132+14.00	149+43.20	8
Gap for Blue Grass Dr.			
EB	150+61.20	168+15.00	8

Iowa Highway 9



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

Granular Shoulder

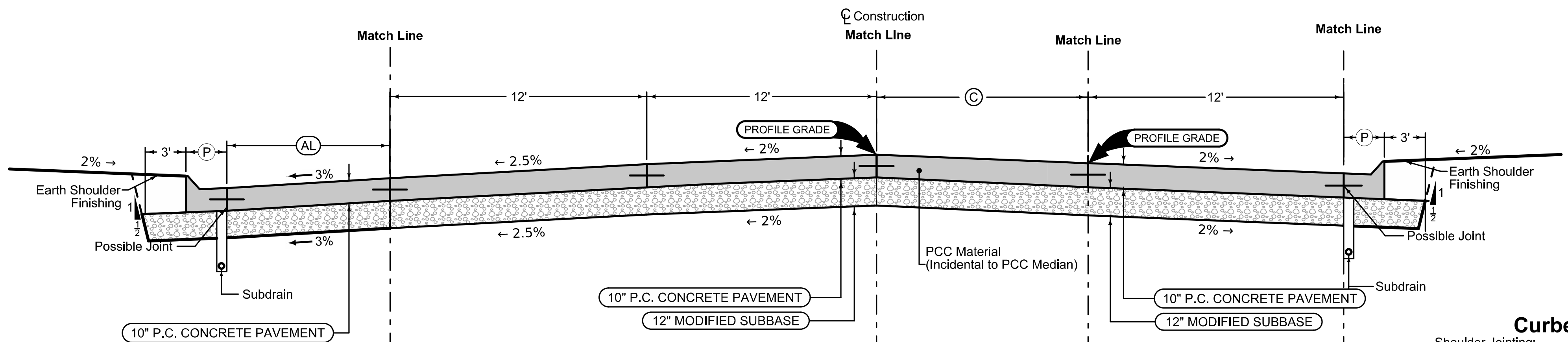
		2_G_SR_ 04-21-20
STATION TO STATION		G Feet
Park St.		
2108+32.05	2108+70.91	4-0
1107+56.67	1107+81.88	0-4
Blue Grass Dr.		
4494+37.20	4449+79.20	0-4
4450+38.79	4450+95.19	4-0

	2P_ 04-21-20
STATION TO STATION	
Park St.	
2108+32.05	2108+70.91
1107+56.67	1107+81.88
Blue Grass Dr.	
4494+37.20	4449+79.20
4450+38.79	4450+95.19

Granular Shoulder

		2_G_SR_ 04-21-20
STATION TO STATION		G Feet
Park St.		
2108+32.05	2108+70.91	4-0
1107+56.67	1107+81.88	0-4
Blue Grass Dr.		
4494+37.20	4449+79.20	0-4
4450+38.79	4450+95.19	4-0

Park St and Blue Grass Dr.



Curbed Shoulder

Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

Single pour: L-2
Staged : KT-2
Transverse: C at 17' spacing

2_Curb_ 04-21-20			
STATION TO STATION		P Feet	Curb Type See PV-102
3120+16.56	3121+21.45	3	

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

BEGIN STATION	END STATION
3120+16.56	3121+21.45

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

BEGIN STATION	END STATION
3120+16.56	3121+21.45

Curbed Shoulder

Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

Single pour: L-2
Staged : KT-2
Transverse: C at 17' spacing

2_Curb_ 04-21-20			
STATION TO STATION		P Feet	Curb Type See PV-102
3120+16.56	3121+21.45	Var.	

Auxiliary Lane

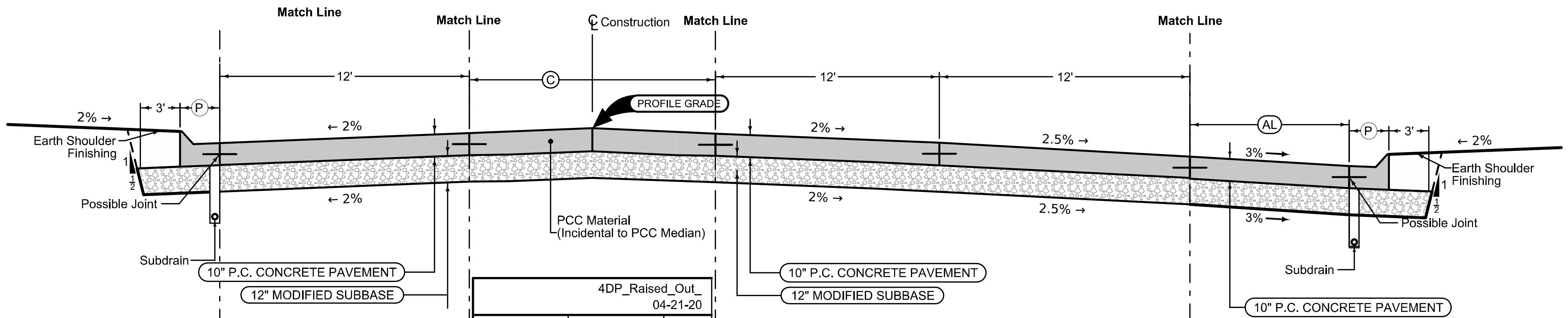
Longitudinal joint: L or KT
Transverse joint: Match Mainline

4_AuxLane_PCC_ 10-18-16			
Direction of Travel	BEGIN STATION	END STATION	AL Feet
SB	3120+16.56	3121+21.45	12

4DP_Raised_Out_ 04-21-20		
BEGIN STATION	END STATION	C Feet
3120+16.56	3121+40.98	0
3120+40.98	3121+10.77	8-5
3121+10.77	3121+21.45	0

Short St. North

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER B.3



DESIGNER INFO

Curbed Shoulder

Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

Single pour: L-2
Staged : KT-2
Transverse: C at 17' spacing

2_Curb_ 04-21-20			
STATION TO STATION		Ⓟ Feet	Curb Type See PV-102
3118+46.77	3119+25.30	3	

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

BEGIN STATION	END STATION
3118+46.77	3119+25.30

4DP_Raised_Out_ 04-21-20		
BEGIN STATION	END STATION	Ⓒ Feet
3118+46.77	3119+11.83	3
3119+11.83	3119+25.30	0

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

BEGIN STATION	END STATION
3118+46.77	3119+25.30

Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Curbed Shoulder

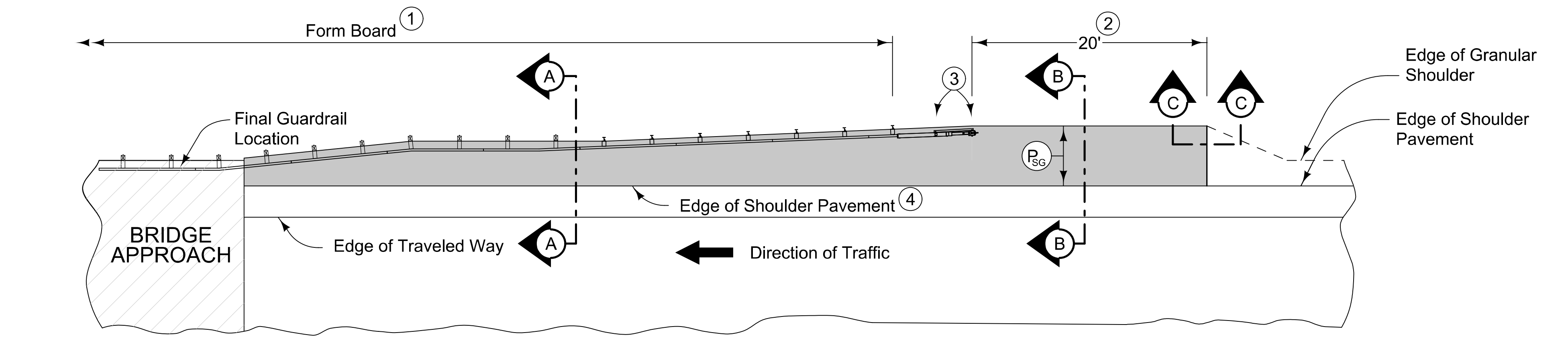
Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

Single pour: L-2
Staged : KT-2
Transverse: C at 17' spacing

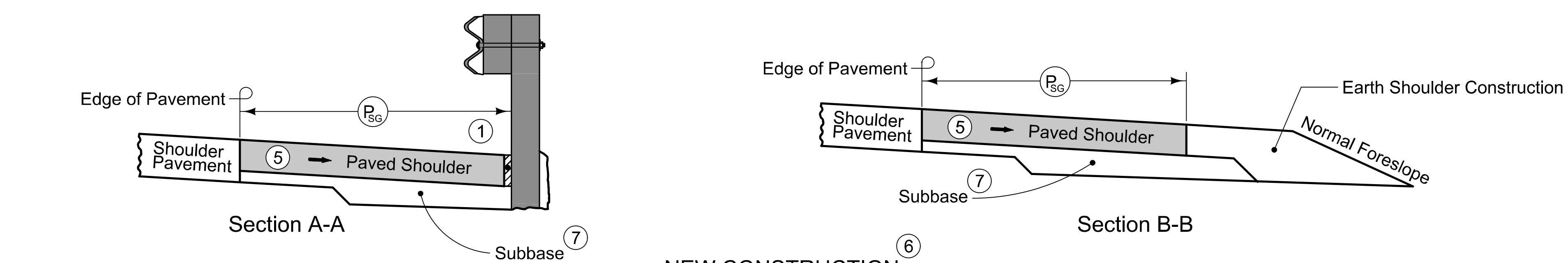
4_AuxLane_PCC_ 10-18-16				2_Curb_ 04-21-20			
Direction of Travel	BEGIN STATION	END STATION	ⒶⓁ Feet	STATION TO STATION		Ⓟ Feet	Curb Type See PV-102
SB	3118+46.77	3119+25.30	12	3118+46.77	3119+25.30	3	

Short St. South

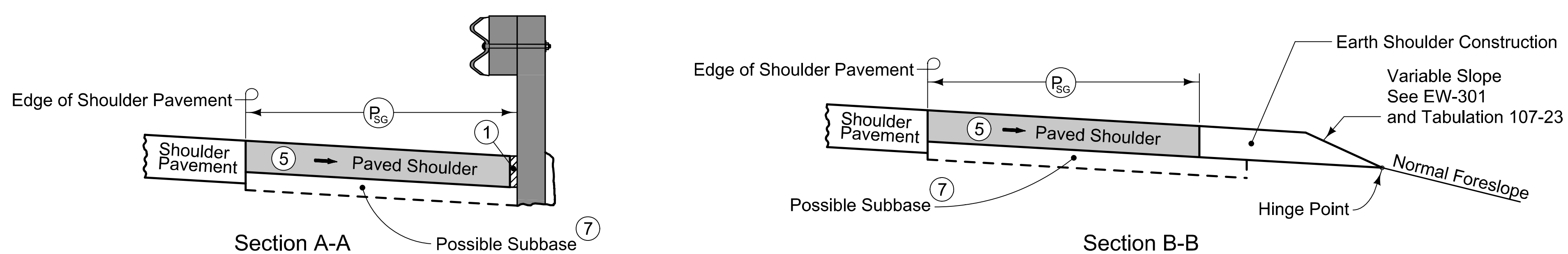
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER B.4



PLAN VIEW



NEW CONSTRUCTION 6



EXISTING SHOULDER

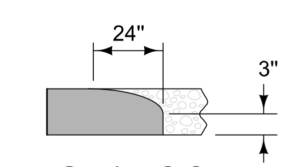
7157B
MODIFIED

8" PCC Paved Shoulder at guardrail with the following jointing layout:

Match mainline pavement joint spacing. When mainline pavement is 8" or greater in thickness, place additional transverse 'C' joints in shoulder at mid-panel of the mainline pavement. Place longitudinal 'C' joint at P/2 from edge of mainline pavement when P is greater than 10' wide. Terminate longitudinal joint at transverse joint less than 10' in length.

Refer to Tabulation 112-9 for shoulder quantities.

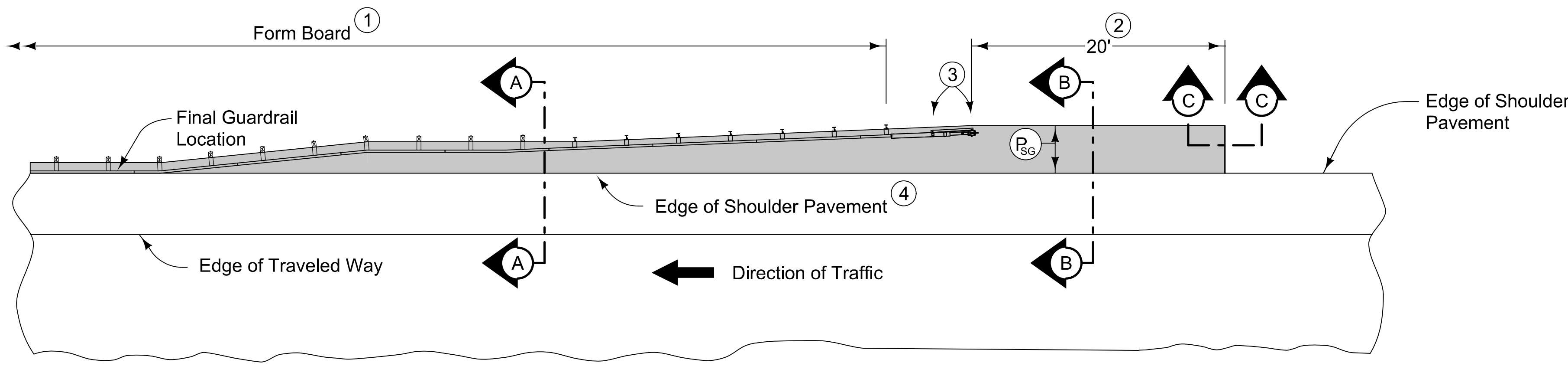
1. When guardrail posts are installed prior to construction of PCC paved shoulder, fasten form board to the face of guardrail posts for the length shown.
2. Continue paved shoulder 20 feet beyond the center of the first post.
3. Shoulder may be notched for first 2 posts or post sleeves may be installed through pavement. Do not drive posts through pavement.
4. 'KT' joint (per PV-101) for PCC shoulder.
5. Match shoulder slope.
6. The Contractor has the option to pave the paved shoulder at guardrail and the partial width paved shoulder as one operation.
7. Refer to other details in the plan.



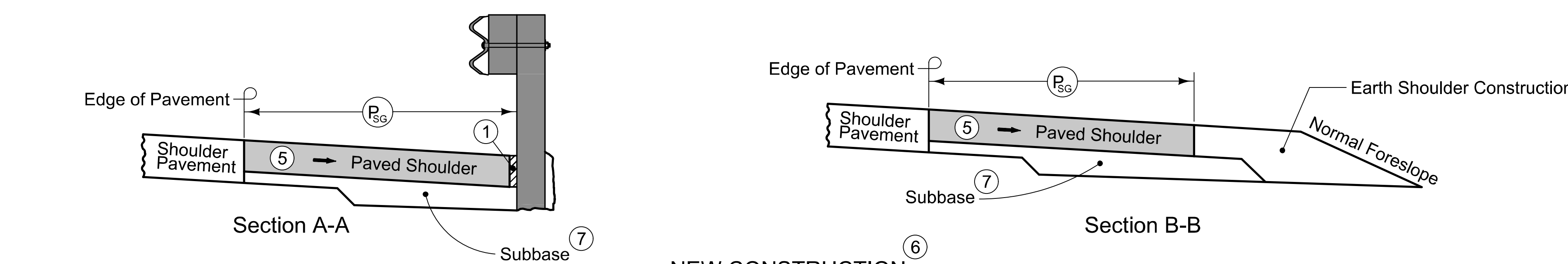
Section C-C
Roll down at granular shoulder or earth.

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

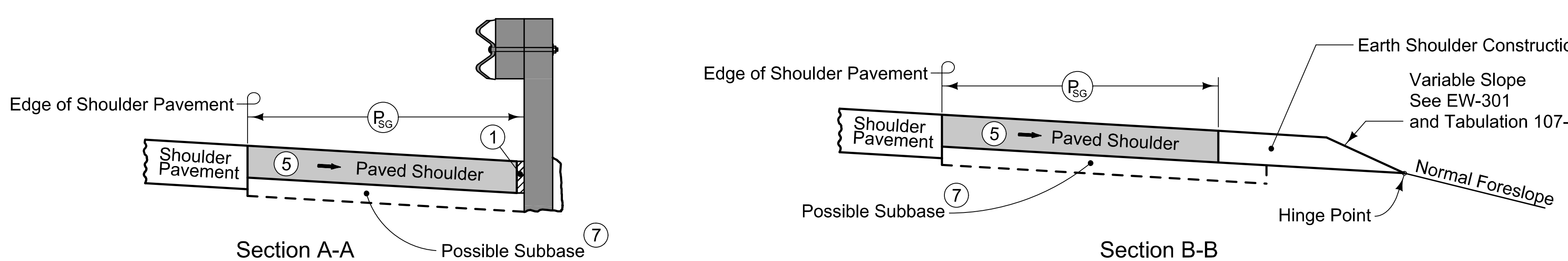
7158A
MODIFIED



PLAN VIEW



NEW CONSTRUCTION 6



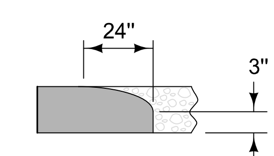
EXISTING SHOULDER

8" PCC Paved Shoulder at guardrail with the following jointing layout:

Match mainline pavement joint spacing. When mainline pavement is 8" or greater in thickness, place additional transverse 'C' joints in shoulder at mid-panel of the mainline pavement. Place longitudinal 'C' joint at P/2 from edge of mainline pavement when P is greater than 10' wide. Terminate longitudinal joint at transverse joint less than 10' in length.

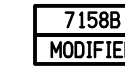
Refer to Tabulation 112-9 for shoulder quantities.

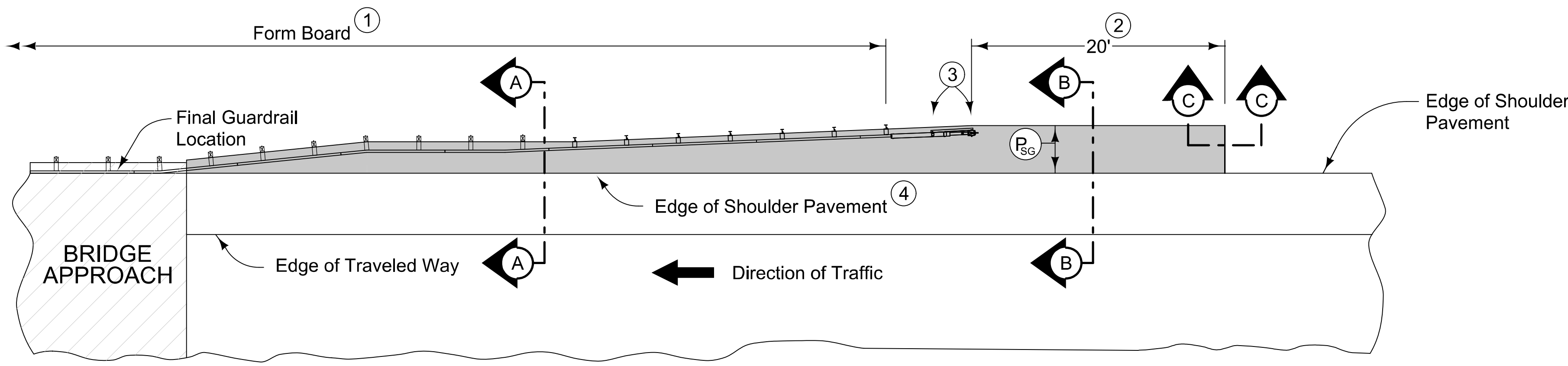
1. When guardrail posts are installed prior to construction of PCC paved shoulder, fasten form board to the face of guardrail posts for the length shown.
2. Continue paved shoulder 20 feet beyond the center of the first post.
3. Shoulder may be notched for first 2 posts or post sleeves may be installed through pavement. Do not drive posts through pavement.
4. 'KT' joint (per PV-101) for PCC shoulder.
5. Match shoulder slope.
6. The Contractor has the option to pave the paved shoulder at guardrail and the full width paved shoulder as one operation.
7. Refer to other details in the plan.



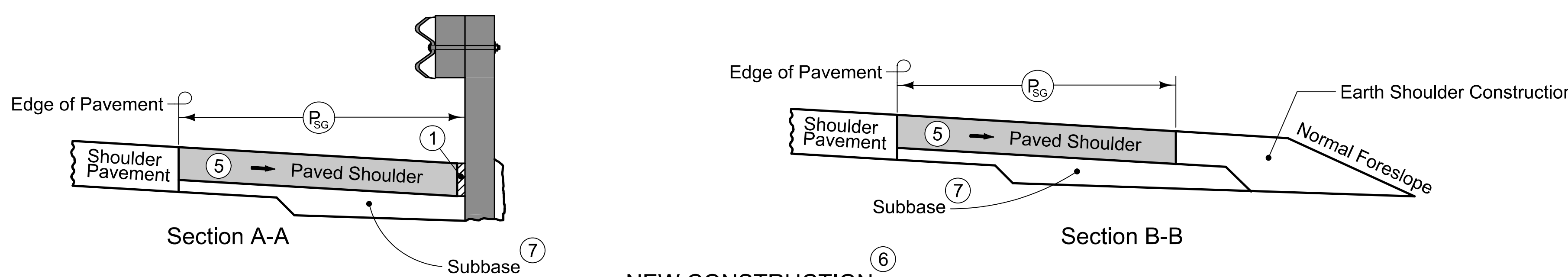
Section C-C
Roll down at granular shoulder or earth.

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

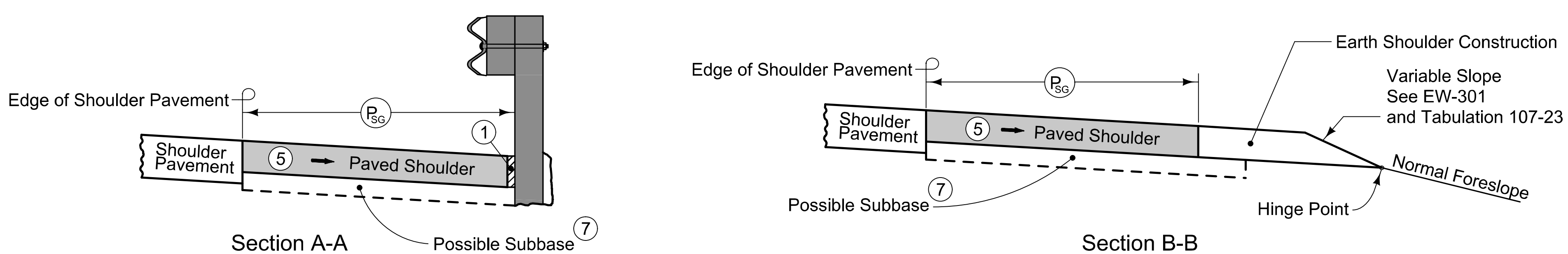




PLAN VIEW



NEW CONSTRUCTION 6



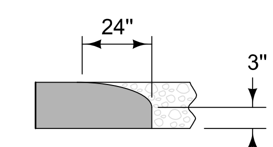
EXISTING SHOULDER

8" PCC Paved Shoulder at guardrail with the following jointing layout:

Match mainline pavement joint spacing. When mainline pavement is 8" or greater in thickness, place additional transverse 'C' joints in shoulder at mid-panel of the mainline pavement. Place longitudinal 'C' joint at P/2 from edge of mainline pavement when P is greater than 10' wide. Terminate longitudinal joint at transverse joint less than 10' in length.

Refer to Tabulation 112-9 for shoulder quantities.

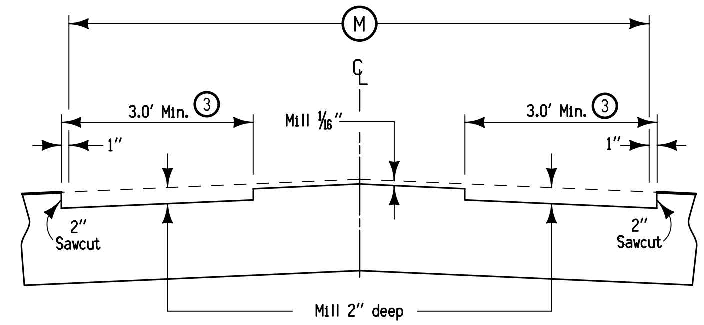
1. When guardrail posts are installed prior to construction of PCC paved shoulder, fasten form board to the face of guardrail posts for the length shown.
2. Continue paved shoulder 20 feet beyond the center of the first post.
3. Shoulder may be notched for first 2 posts or post sleeves may be installed through pavement. Do not drive posts through pavement.
4. 'KT' joint (per PV-101) for PCC shoulder.
5. Match shoulder slope.
6. The Contractor has the option to pave the paved shoulder at guardrail and the partial width paved shoulder as one operation.
7. Refer to other details in the plan.



Section C-C
Roll down at granular shoulder or earth.

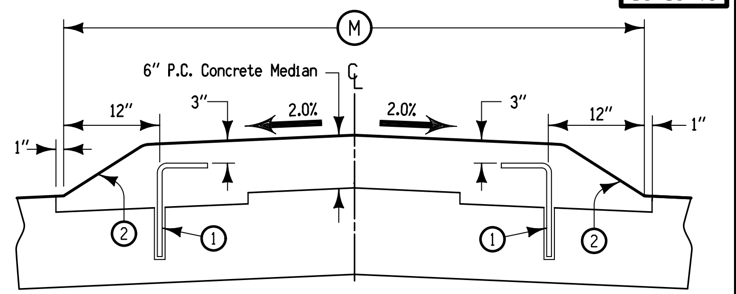
PAVED SHOULDER AT GUARDRAIL
(ADJACENT TO FULL WIDTH PAVED SHOULDER)

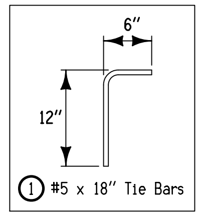
6150
06-15-93



Details of Milling

Notes:
This section may be appropriately modified in areas specifically designated by the Engineer.
Use 'C' joints in the doweled median and match the location of all transverse and longitudinal joints to the joints in the existing pavement.
Place tie bars at 24" C-C longitudinal spacing between joints in existing pavement. Drill 3/4" holes for tie bars and epoxy to new pavement. See Tabulation 112-5 for additional details. Epoxy material shall be as specified in Materials IM491.11, appendix C.



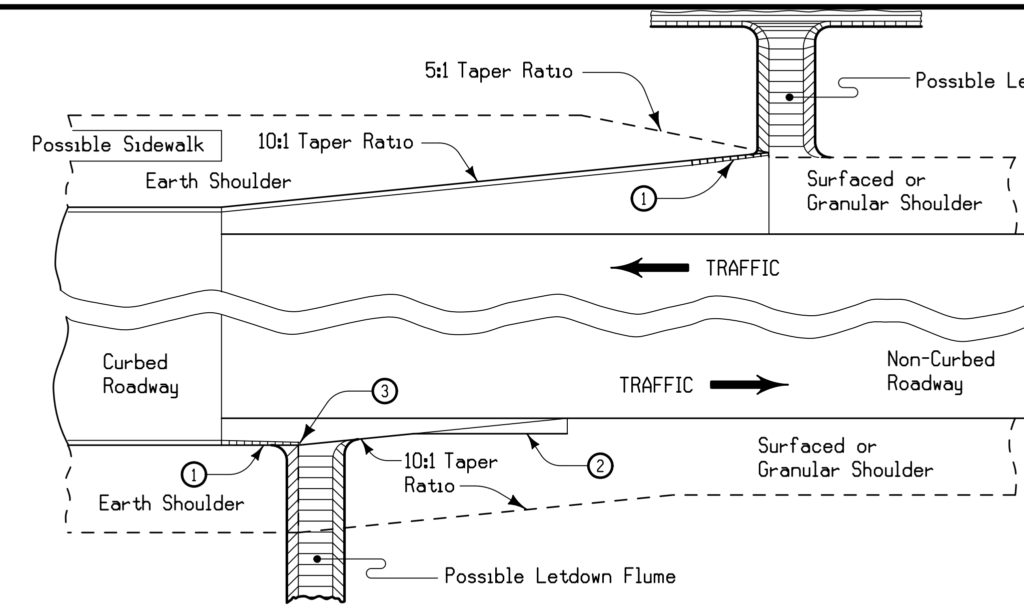


Details of Median Placement

2 6" Sloped Curb
3 The contractor has the option to mill 2" across the total width of 'M'.

DOWELED MEDIAN WITH SLOPED CURB

6147
10-20-15



1 Runout curb according to PV-102
2 End of Taper Details see Typical Detail 7101
3 End earth shoulder at the end of the curb transition when no flume is needed.

TRANSITION BETWEEN CURBED AND NON-CURBED ROADWAYS

SURVEY SYMBOLS

	Interstate Highway Symbol
	U.S. Highway Symbol
	Iowa Highway Symbol
	County Road Highway Symbol
	Evergreen Tree
	Deciduous Tree
F	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

SURVEYED UTILITY OWNER SYMBOLS

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

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

EL1D, Alliant Energy - Quality D
EL2D, Iowa DOT - Quality D
EL3D, City of Decorah - Quality D
FO1D, Century Link (Lumen) - Quality D
FO2D, Hawkeye Telephone Company - Quality D
FO3D, ICN - Quality D
FO4D, Mediacom - Quality D
FO5D, Alliant Energy - Quality D
FO6D, Decorah Metronet - Quality D
GL1D, Black Hills Energy - Quality D
SA1D, City of Decorah - Quality D
WL1D, City of Decorah - 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)	Proposed Mill and Replace 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

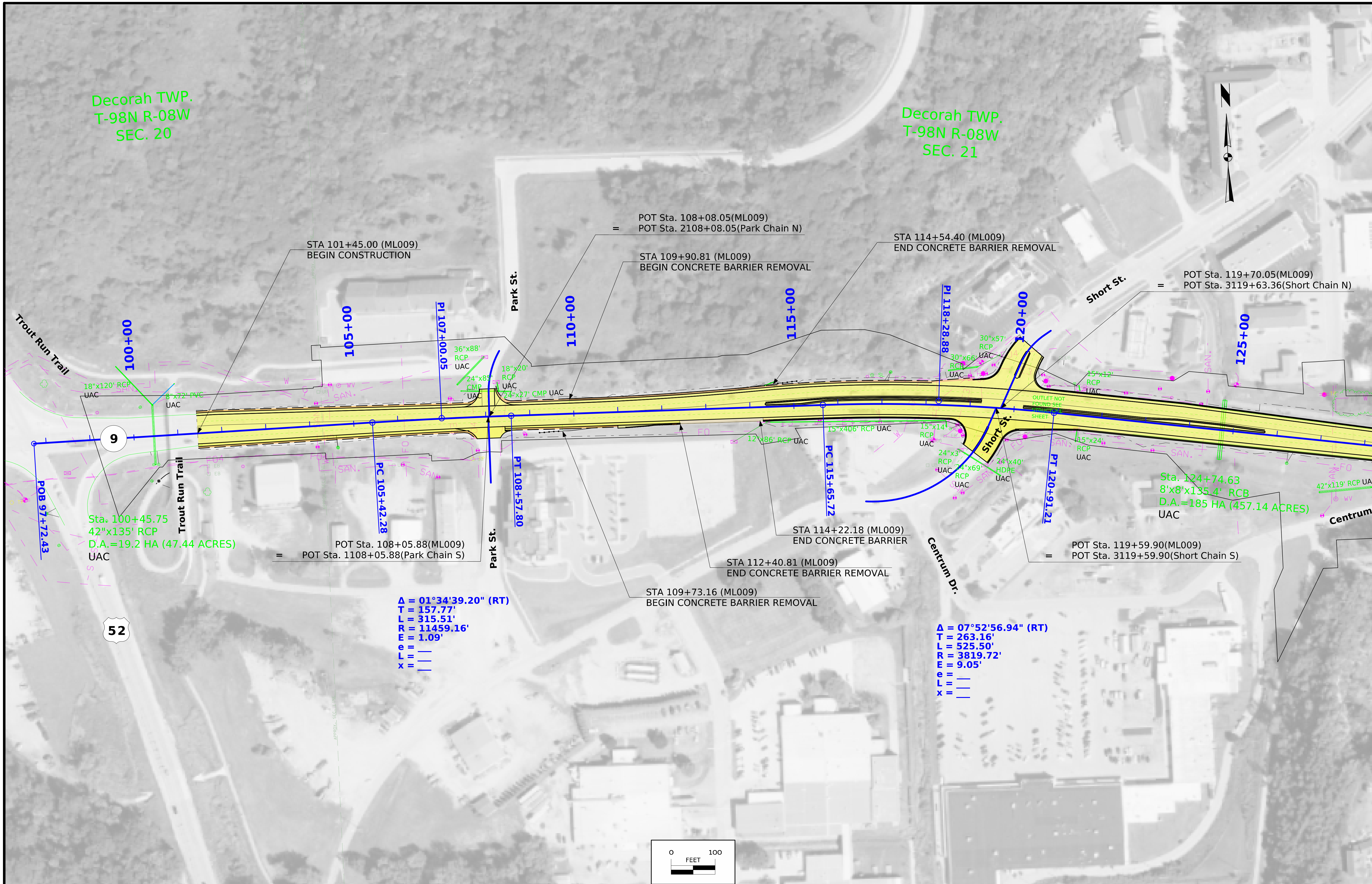
Reference Point
Station
Survey Line
Section Corner
Ground Line Intercept
Saw Cut
Guardrail
Trench Drain
HighTension Cable Guardrail
Sheet Pile
Pavement Removal
Clearing & Grubbing Area

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)



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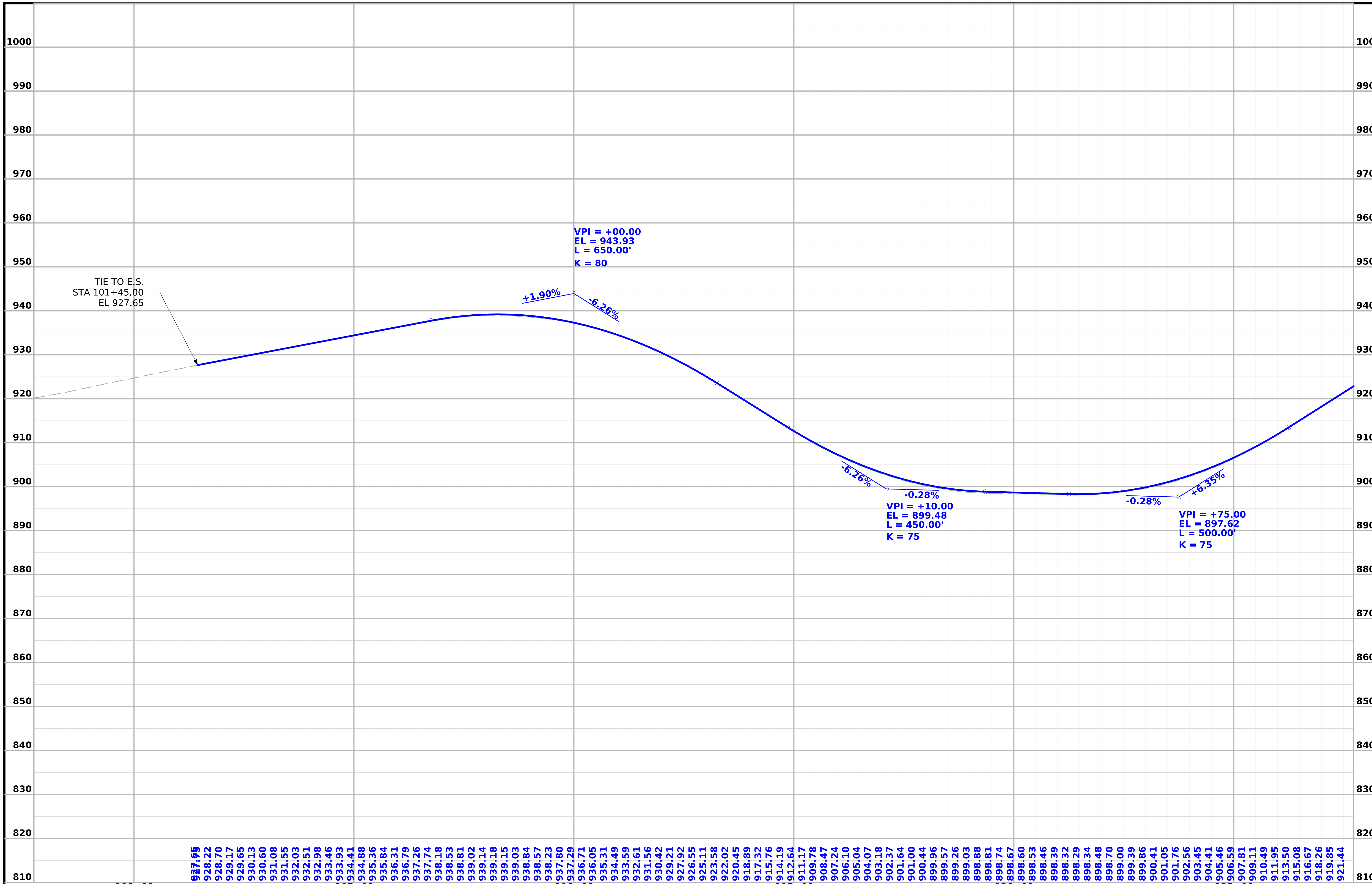

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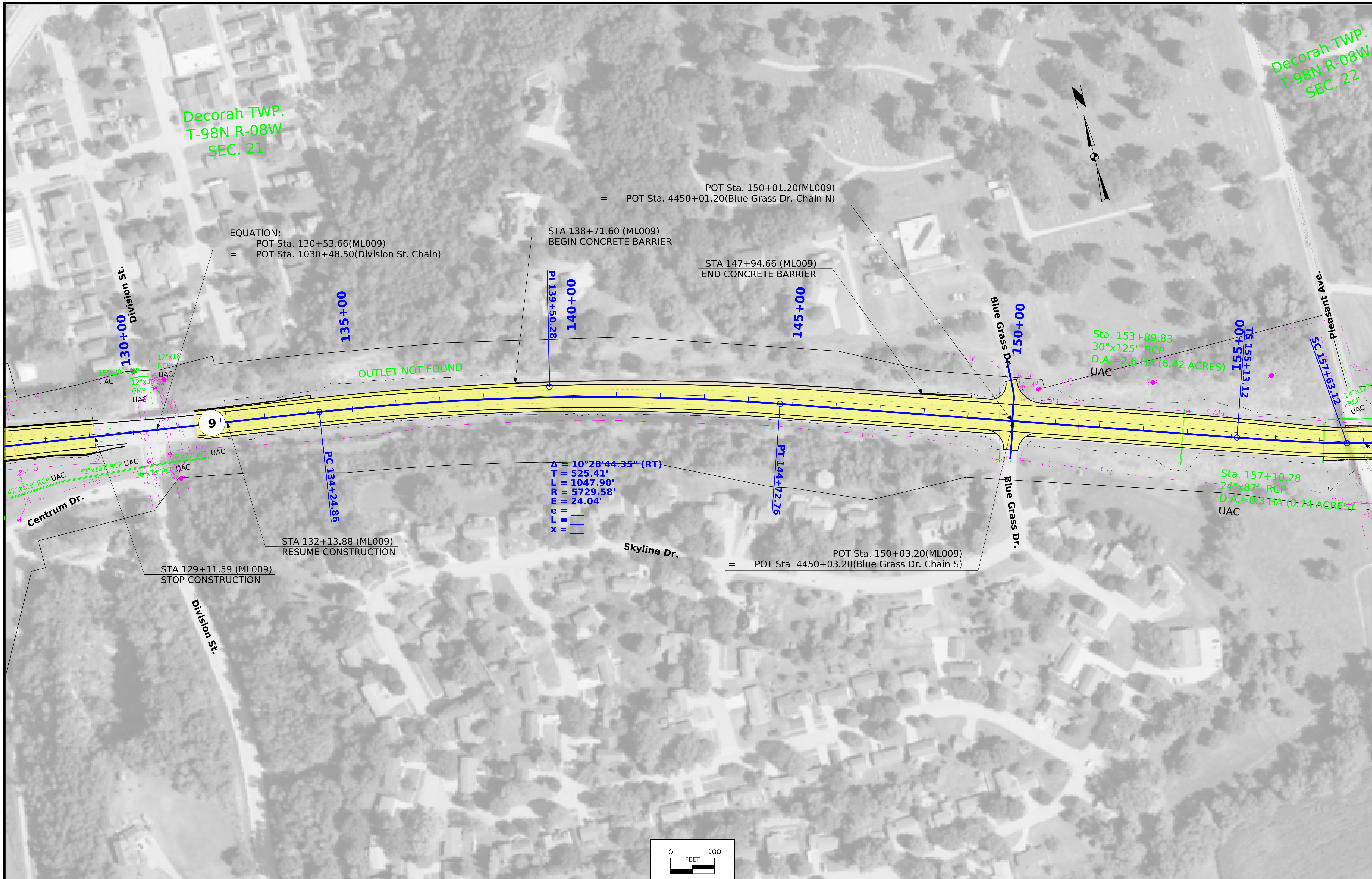

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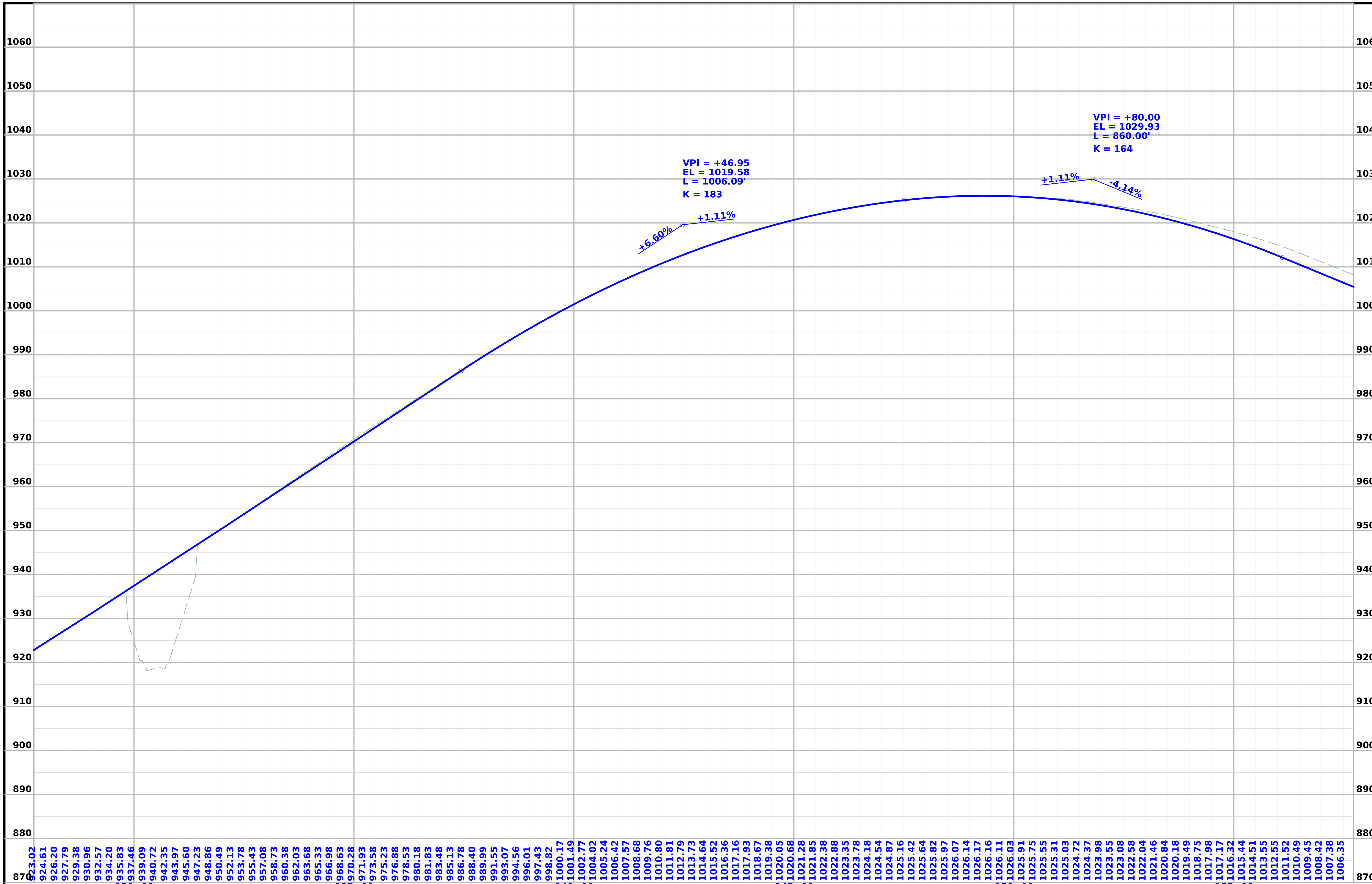

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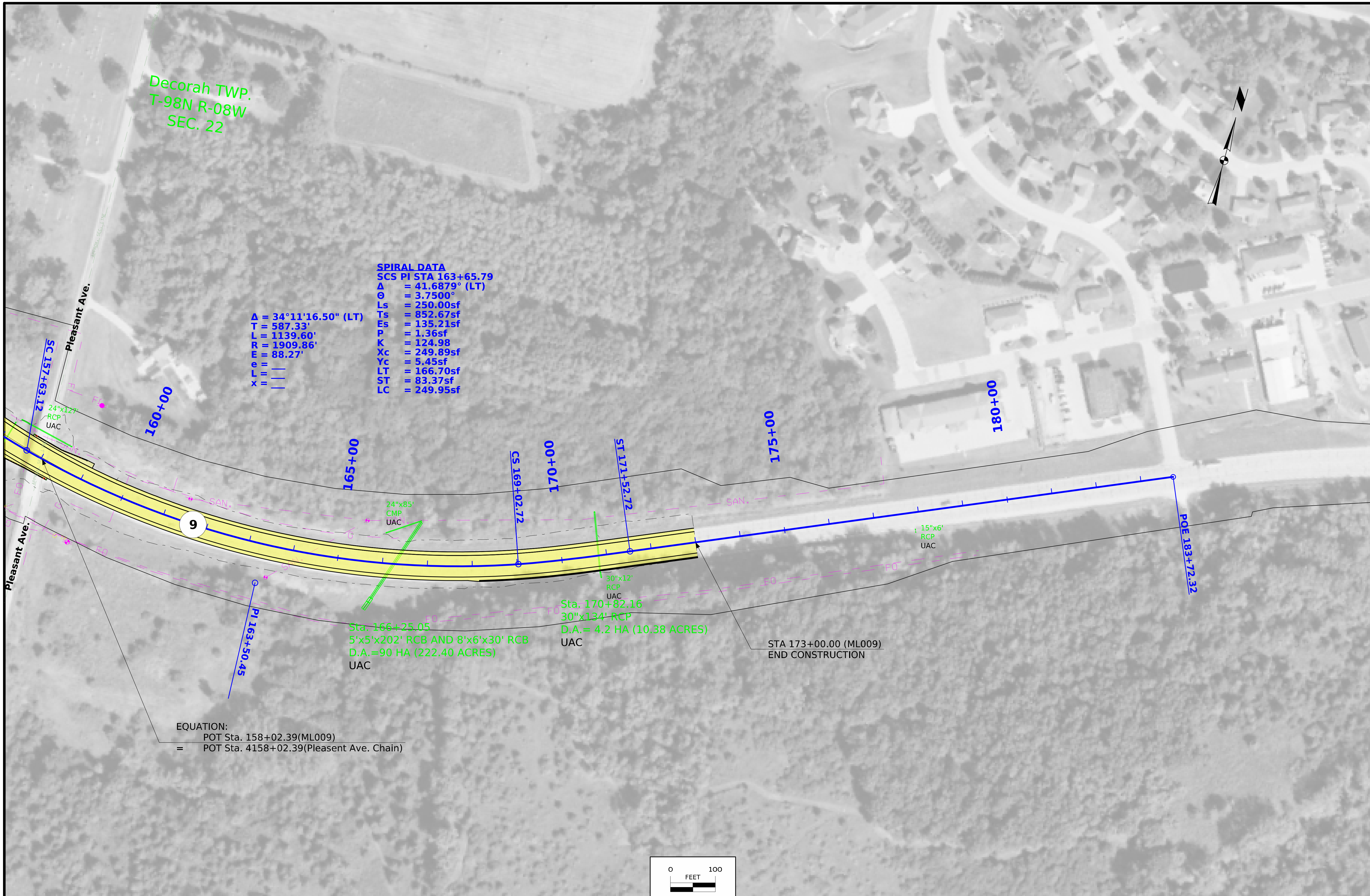

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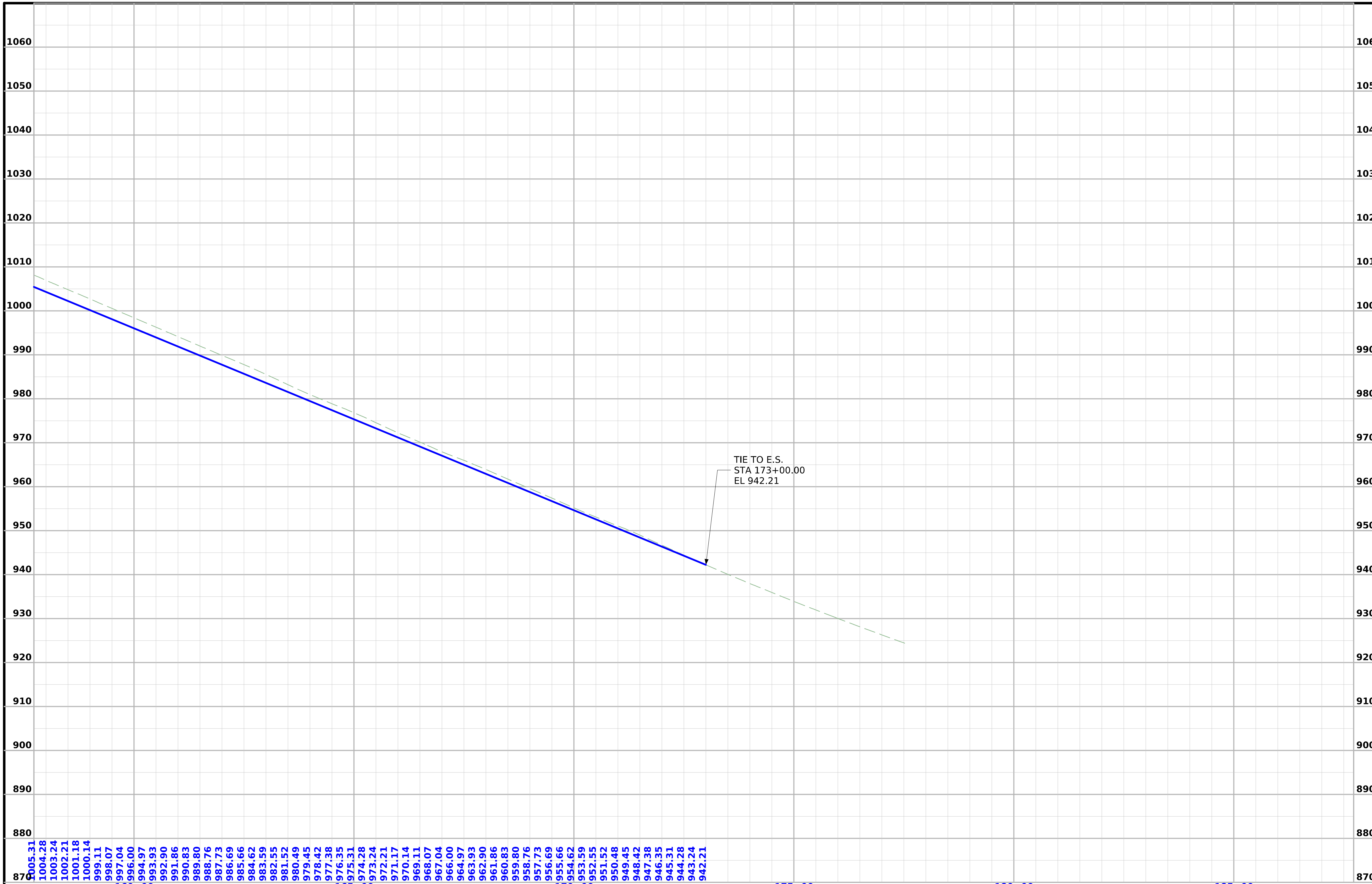

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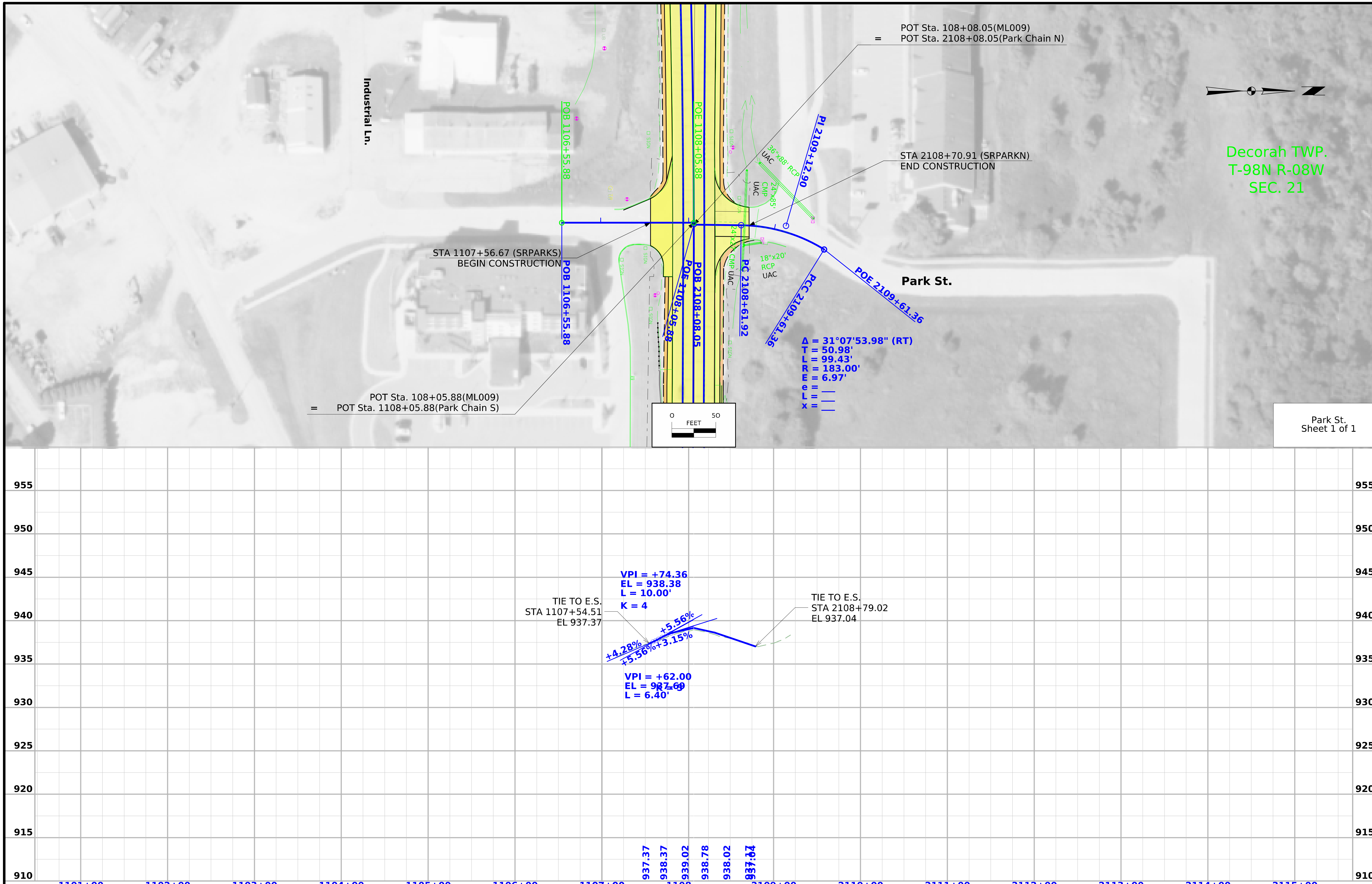

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER E.1

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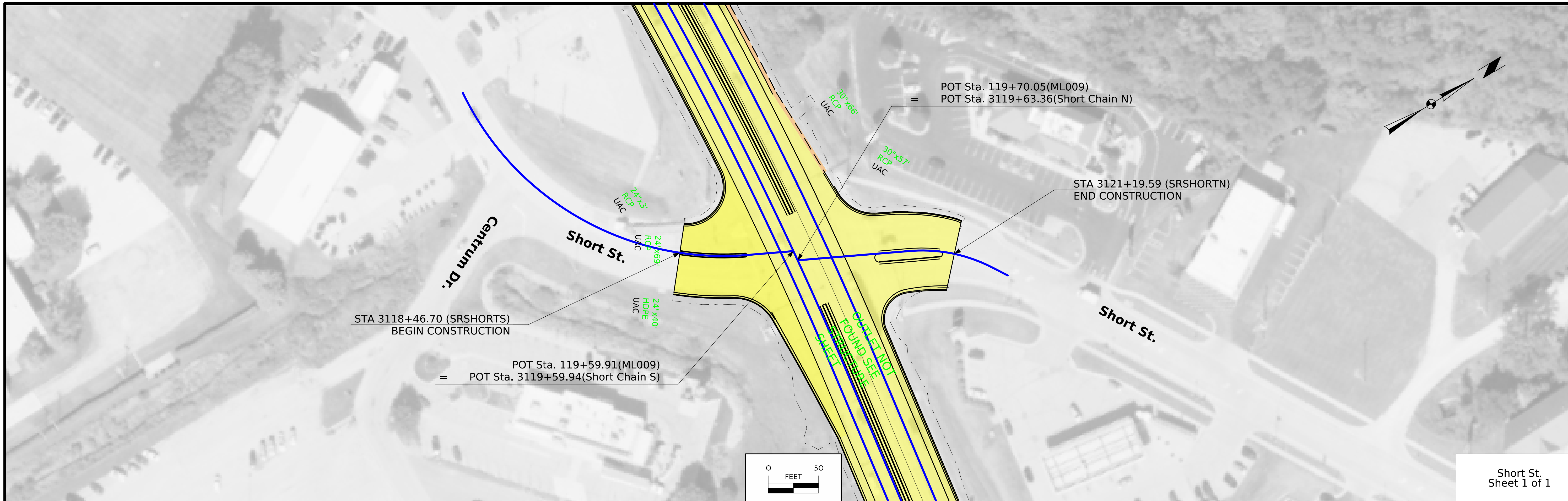
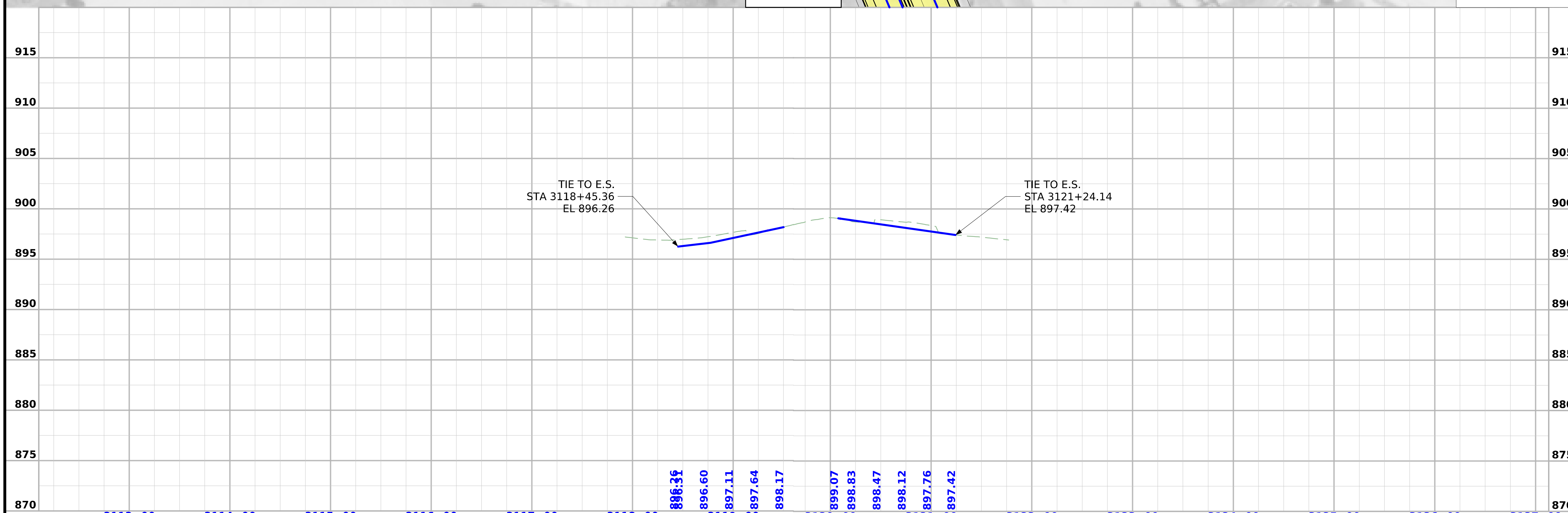
Plan-2 - Profile 1-8

Plan-3 - Profile 2





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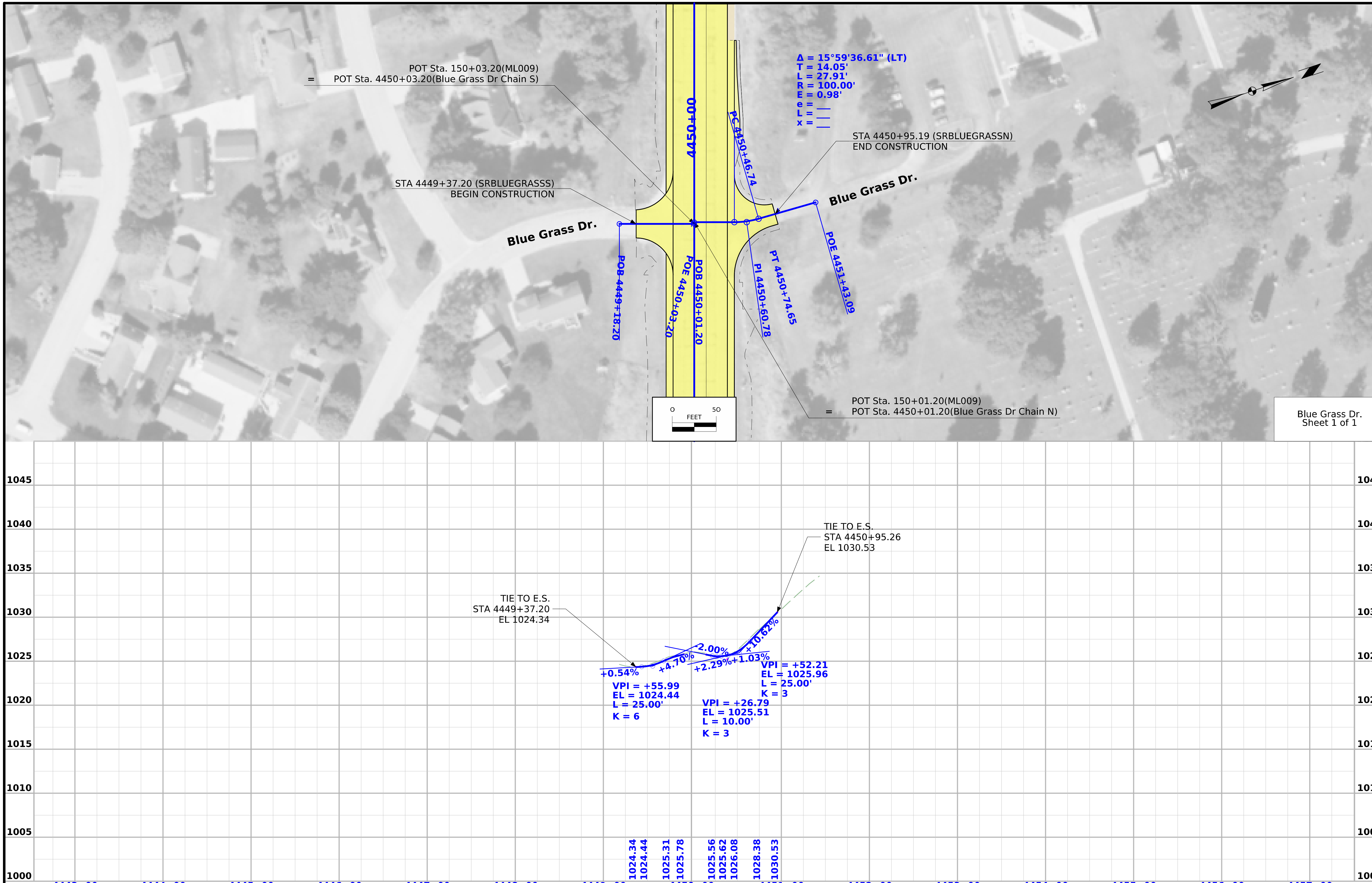
SRShortS - Profile 1

Plan-3 - Profile 2-1



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SRBlueGrassS-1 - Profile 1

Plan-1 - Profile 1

SURVEY INDEX

County: Winneshiek
PIN: 24-96-009-010
Project Number: NHSX-009-8(046)—3H-96
Location: In Decorah, Short St to Pleasant Ave
Type of Work: 1034-Unknown Pavement – Grade and Replace
Project Directory: 9600901024

Survey Personnel

Wes Shimp- PLS
Lee Budde- Geospatial Specialist
Matt Svec- Party Chief
Katerina Wyatt- Geospatial Technician
Nate Theis-Barnett- Survey Party Chief
Alexis Avila- Survey Party Chief

Date(s) of Survey

Begin Date	04/18/2024
End Date	06/28/2024

General Information

This survey is for IA 9, in Decorah, from US Highway 52 to east of Pleasant Avenue. This project is a Full Field DTM survey.

Utility Information

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

Project Control

Nearby Iowa Real Time Network reference stations were utilized to obtain horizontal and vertical control on primary project control points. Coordinates were established using three five-minute observations taken with a minimum two-hour time span between and used in a weighted average to obtain final coordinate values. Base validation shots were taken from point 302, with results better than 0.035’ horizontally, and 0.025’ vertically. For additional details of the control survey, contact the Preliminary Survey department.

PROJECT DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 ADJUSTMENT)
COORDINATE SYSTEM: IOWA REGIONAL COORDINATE SYSTEM ZONE 02 (U.S. SURVEY FOOT)
VERTICAL DATUM: NAVD88
GEOID MODEL: 2018u3

Alignment Information

The horizontal alignment for IA Hwy 9 this survey is a retrace of As-built Plans No. STP-9-8(23)—2C-96. These plans were in metric and the stationing has been converted to US survey foot. Survey stationing was equated to the plan POT at Sta. 97+72.43 and carried ahead without equation throughout the survey.

Survey stationing relates to as built plan stationing as follows:

POT Sta. 97+72.43 (29+78.643 m) As-built Plans Project No. STP-9-8(23)—2C-96
Survey POT Sta. 97+72.43

PI Sta. 107+00.05 (32+61.382 m) As-built Plans Project No. STP-9-8(23)—2C-96
Survey PI Sta. 107+00.05

PI Sta. 118+28.90 (36+05.456 m) As-built Plans Project No. STP-9-8(23)—2C-96
Survey PI Sta. 118+28.88

PI Sta. 139+50.80 (42+52.212 m) As-built Plans Project No. STP-9-8(23)—2C-96
Survey PI Sta. 139+50.28

TS Sta. 155+12.39 (47+28.1846 m) As-built Plans Project No. STP-9-8(23)—2C-96
Survey TS Sta. 155+13.12

ST Sta. 171+51.39 (52+27.7537 m) As-built Plans Project No. STP-9-8(23)—2C-96
Survey ST Sta. 171+52.72

TS Sta. 183+72.16 (55+99.845 m) As-built Plans Project No. STP-9-8(23)—2C-96
Survey TS Sta. 183+72.32

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 02 (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.

FILE NO.	ENGLISH	DESIGN TEAM **Flattery/Bell/Schinstock/Schmitz**	**WINNESHIEK** COUNTY	PROJECT NUMBER **NHSX-009-8(046)--3H-96**	SHEET NUMBER **G.2**

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HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING
HORIZ. DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 Adjustment)
Ia. Regional Coordinate System Zone 02 (U.S. Survey Foot)
VERT. DATUM: NAVD88
Geoid Model: 2018u3

Point Name	Northing	Easting	Elevation	Code-Description
300	9847044.26	12751406.99	914.92	CP SET FENO MONUMENT NW QUADRANT OF IA 9 AND HWY52
301	9846776.93	12754701.69	931.85	CP SET FENO MONUMENT SOUTH OF IA 9 AND WEST OF DIVISION ST
302	9845990.04	12757458.97	1020.39	CP SET FENO MONUMENT SOUTH OF IA 9 AND WEST OF PLEASANT AVE
303	9846914.48	12760324.36	889.03	CP SET FENO MONUMENT NORTH OF IA 9 AND 800FT WEST OF MONTGOMERY ST

108-23A
08-01-08

TRAFFIC CONTROL PLAN

Traffic on IA 9 shall be maintained at all times.

111-01
04-17-12

COORDINATED OPERATIONS

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

Project	Type of Work
None Provided.	

108-25
10-21-14

511 TRAVEL RESTRICTIONS

Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No., Structure ID, or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
			None Provided.									

STAGING NOTES

Stage 1:

TRAFFIC:
- I-9 EB traffic shifted to existing EB outside lane
- I-9 WB traffic shifted to existing EB insided lane
- Park St. North closed; traffic detoured
- Park St. South open to traffic
- Short St. North closed; traffic detoured
- Short St. South open to traffic
- Blue Grass Dr. North open to traffic; traffic on temporary entrance
- Blue Grass Dr. South open to traffic

CONSTRUCTION:
- A) Remove existing WB outside lane and shoulder from Sta. 101+37.80 to Sta.173+25.00
- B) Remove 6' existing WB inside lane from Sta. 101+37.80 to Sta.173+25.00
- C) Mill existing WB outside shoulders from Sta. 109+90.81 to Sta. 114+54.47 and Sta. 138+71.68 to Sta. 147+94.65
- D) Grade and pave WB outside lane and shoulder from Sta. 101+37.80 to Sta. 173+25.00
- E) Grade and pave Park St. North from Sta. to Sta.
- F) Grade and pave Short St. North from Sta. to Sta.
- G) Grade and pave Short St. North from Sta. to Sta.

Stage 2:

TRAFFIC:
- I-9 EB traffic in existing EB outside lane
- I-9 WB traffic shift to new WB outside lane and shoulder
- Park St. North open to I-9 WB traffic; I-9 EB traffic detoured
- Park St. South open to I-9 EB traffic; I-9 WB traffic detoured
- Short St. North open to I-9 WB traffic; I-9 EB traffic detoured
- Short St. South open to I-9 EB traffic; I-9 WB traffic detoured
- Blue Grass Dr. North open to I-9 WB traffic; I-9 EB traffic detoured
- Blue Grass Dr. South open to I-9 EB traffic; I-9 WB traffic detoured

CONSTRUCTION:
- A) Remove existing EB inside auxiliary lane from Sta. 101+37.80 to Sta.173+25.00
- B) Remove 6' existing EB inside lane from Sta. 101+37.80 to Sta.173+25.00
- C) Remove existing WB inside auxiliary lane from Sta. to Sta.
- D) Remove 6' existing WB inside lane from Sta. 101+37.80 to Sta.173+25.00
- E) Remove existing raised medians from Sta. 114+34.63 to Sta. 119+25.32 and Sta. 120+20.84 to Sta. 125+72.38
- G) Grade and pave EB auxiliary lane from Sta. 101+37.80 to Sta.173+25.00
- H) Grade and pave WB inside lane from Sta. 101+37.80 to Sta.173+25.00
- I) Grade and pave WB auxiliary lane from Sta. 101+37.80 to Sta.173+25.00

Stage 3:

TRAFFIC:
- I-9 EB traffic shifts to new WB inside lane
- I-9 WB traffic shifts to new WB outside lane
- Park St. North open to traffic
- Park St. South closed; traffic detoured
- Short St. North open to traffic
- Short St. South closed; traffic detoured
- Blue Grass Dr. North open to traffic
- Blue Grass Dr. South closed; traffic detoured

CONSTRUCTION:
- A) Remove existing EB outside lane and shouldersfrom Sta. 101+37.80 to Sta.173+25.00
- B) Remove 6' existing EB inside lane from Sta. 101+37.80 to Sta.173+25.00
- C) Mill existing EB outside shoulders from Sta. 111+81.43 to Sta. 114+27.11
- D) Grade and pave EB outside lane and shoulders from Sta. 101+37.80 to Sta.173+25.00
- E) Grade and pave EB inside lane from Sta. 101+37.80 to Sta.173+25.00
- F) Grade and pave Park St. South from Sta. to Sta.
- G) Grade and pave Short St. South from Sta. to Sta.
- H) Grade and pave Short St. South from Sta. to Sta.

Stage 4:

TRAFFIC:
- I-9 EB traffic shift to new EB outside lane from Sta. to Sta.; then both lanes open from Sta. to Sta. and Sta. to Sta.
- I-9 WB traffic in new WB outside lane from Sta. to Sta.; then both lanes open from Sta. to Sta. and Sta. to Sta.
- Park St. North open to traffic
- Park St. South open to traffic
- Short St. North open to traffic
- Short St. South open to traffic
- Blue Grass Dr. North open to traffic
- Blue Grass Dr. South open to traffic

CONSTRUCTION:
- A) Build raised median from Sta. 114+34.63 to Sta. 119+25.32 and Sta. 120+20.84 to Sta. 125+72.38

108-26A
08-01-08

STAGING NOTES

Stage 5:

TRAFFIC:
- All traffic in final traffic configuration

CONSTRUCTION:
- Construction Complete

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 Shoulder
Proposed Granular Subbase	Temporary Shoulder
Proposed Special Backfill	Existing Shoulder Strengthening
Temporary Barrier Rail	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	Crash Cushion (Temp or Perm)
Drum	Traffic Signal
Temporary Lane Separator	Flagger
Tubular Marker	Temporary Floodlighting
Channelizer Marker	Traffic Sign
Concrete Barrier Marker	Type III Barricade
Delineator	Type A Warning Light
Temporary Barrier Rail	Direction of Traffic
Pavement Removal	Safety Closure
Sand Barrel Layout	Lane Identification

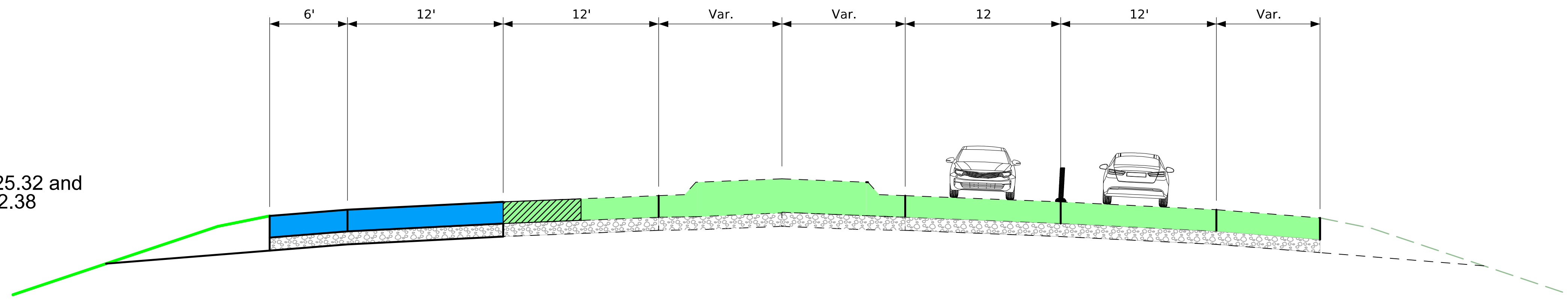
NOTE: Device spacing according to Standard Road Plans unless specifically dimensioned.

TRAFFIC CONTROL AND STAGING LEGEND AND SYMBOL INFORMATION SHEET

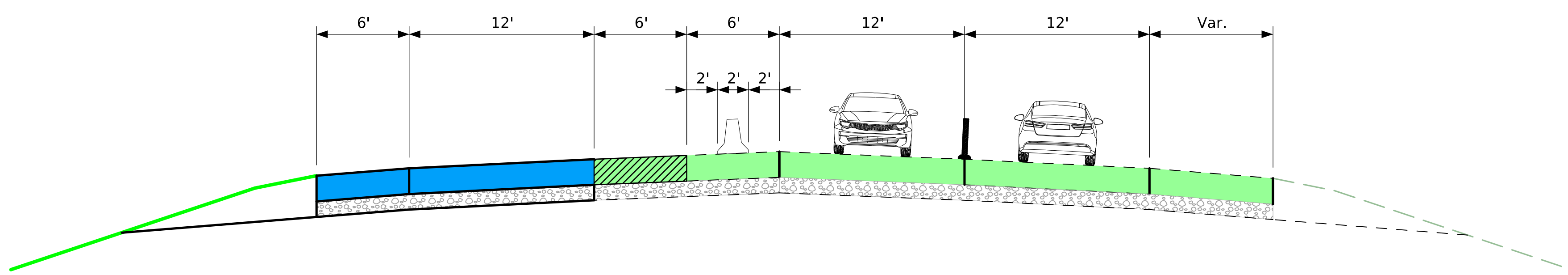
(COVERS SHEET SERIES J)

Stage 1

From Sta. 114+34.40 to Sta. 119+25.32 and
Sta. 120+21.59 to Sta. 125+72.38

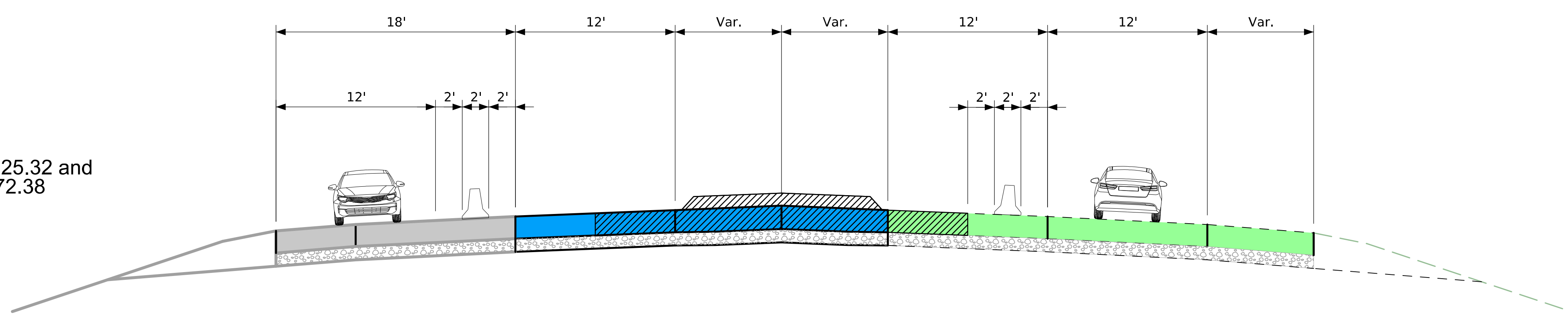


From Sta. 101+37.80 to Sta. 114+34.40 and
Sta. 119+25.32 to Sta. 120+21.59 and
Sta. 125+72.38 to Sta. 173+22.82

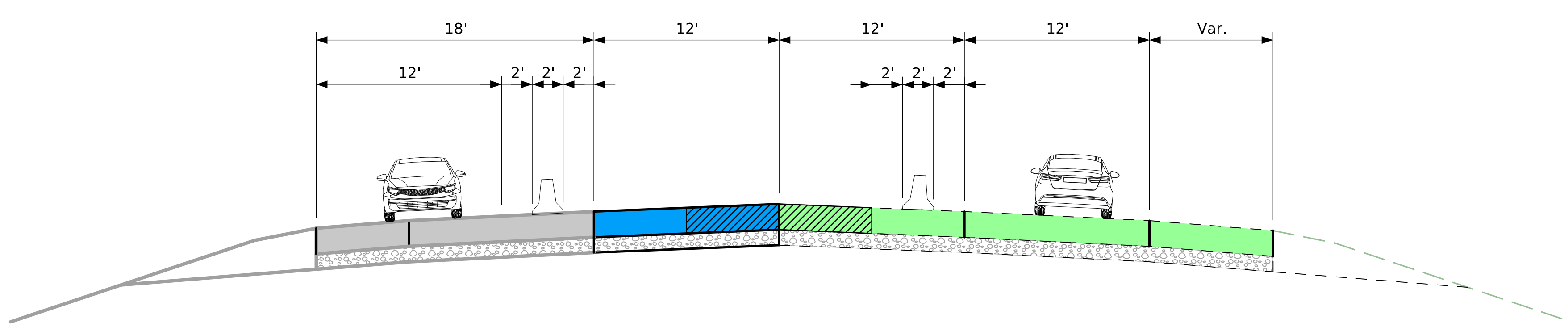


Stage 2

From Sta. 114+34.40 to Sta. 119+25.32 and
Sta. 120+21.59 to Sta. 125+72.38

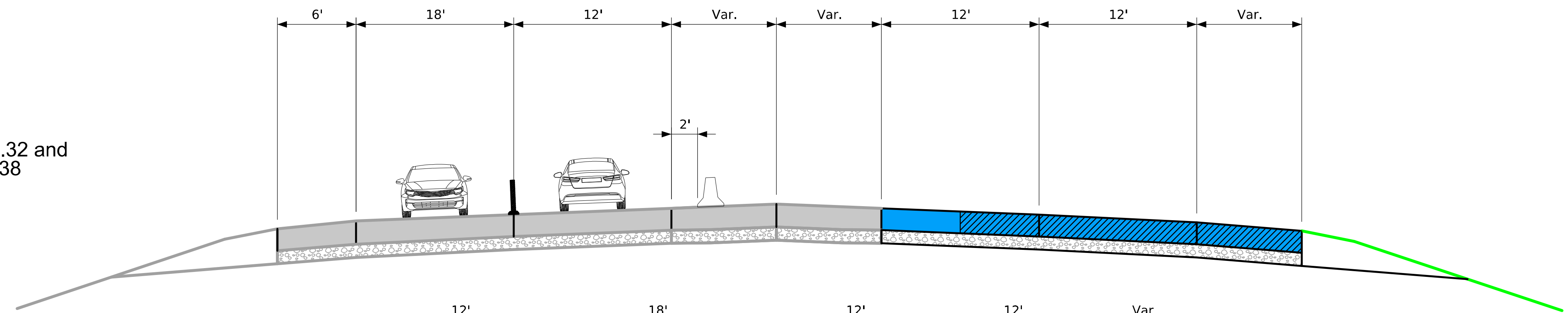


From Sta. 101+37.80 to Sta. 114+34.40 and
Sta. 119+25.32 to Sta. 120+21.59 and
Sta. 125+72.38 to Sta. 173+22.82



Stage 3

From Sta. 114+34.40 to Sta. 119+25.32 and
Sta. 120+21.59 to Sta. 125+72.38



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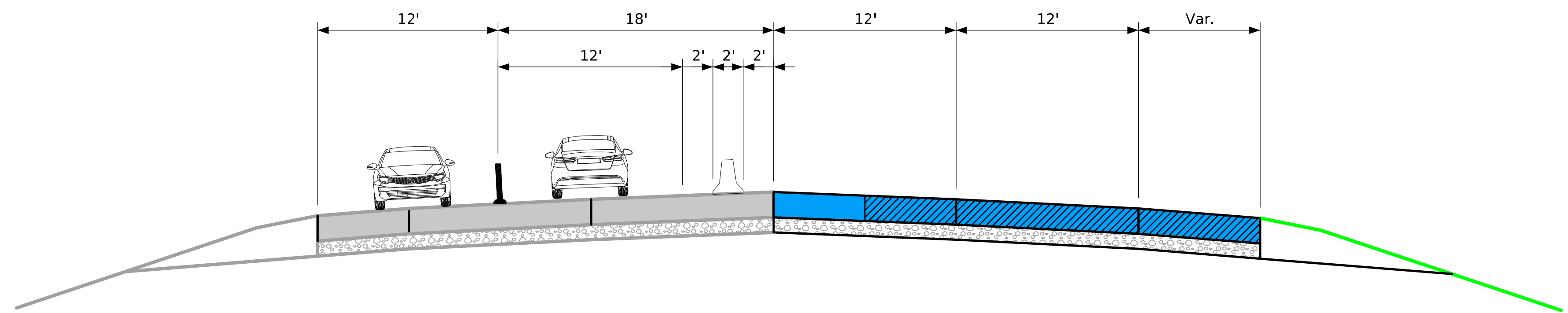
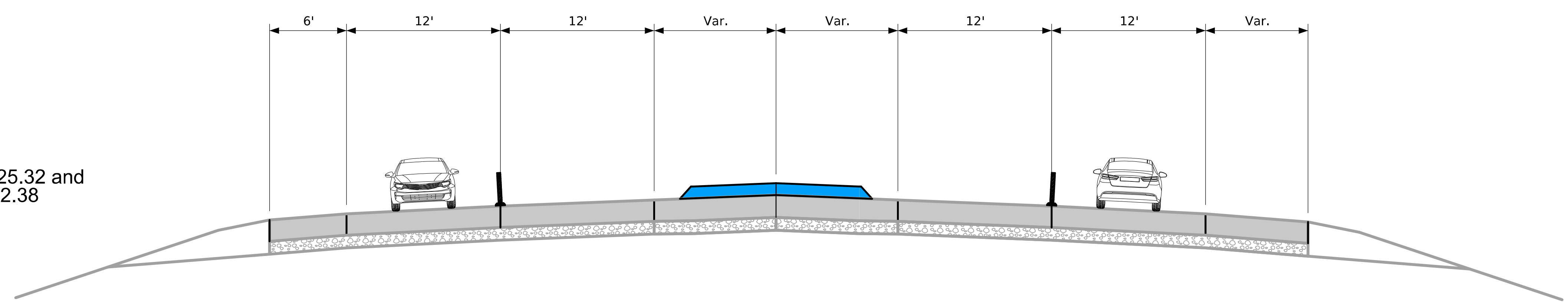
Sta. 119+25.32 to Sta. 120+21.59 and
Sta. 125+72.38 to Sta. 173+22.82

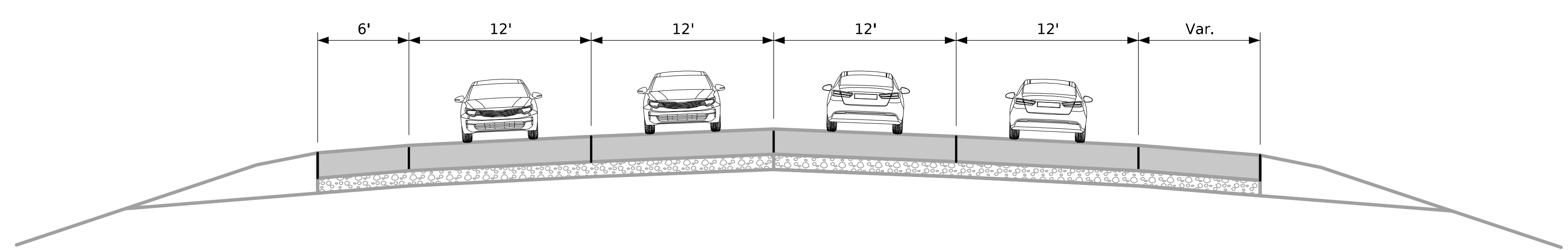


Stage 4

From Sta. 114+34.40 to Sta. 119+25.32 and
Sta. 120+21.59 to Sta. 125+72.38



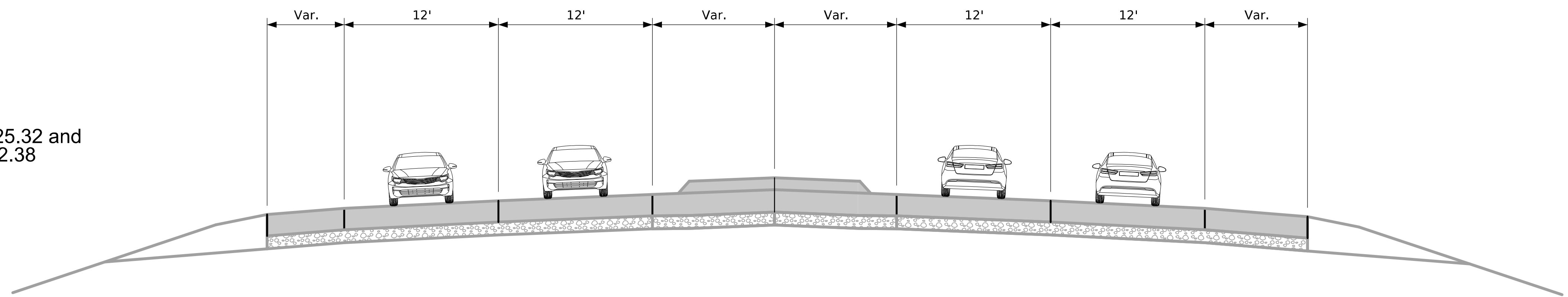
From Sta. 101+37.80 to Sta. 114+34.40 and
Sta. 119+25.32 to Sta. 120+21.59 and
Sta. 125+72.38 to Sta. 173+22.82



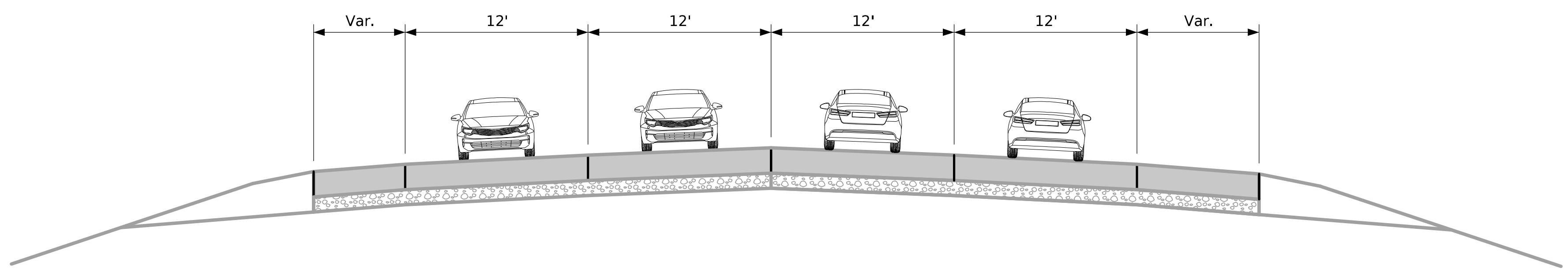
FILE NO.	ENGLISH	DESIGN TEAM **Flattery/Bell/Schinstock/Schmitz**	**WINNESHIEK** COUNTY	PROJECT NUMBER **NHSX-009-8(046)--3H-96**	SHEET NUMBER **J.5**

Stage 5 (Final)

From Sta. 114+34.40 to Sta. 119+25.32 and
Sta. 120+21.59 to Sta. 125+72.38



From Sta. 101+37.80 to Sta. 114+34.40 and
Sta. 119+25.32 to Sta. 120+21.59 and
Sta. 125+72.38 to Sta. 173+22.82



STAGE 1

Sta. 101+37.80 to Sta. 173+22.82 (IA 9)

0 100 FEET

Sheet 1 of 1

REVISED | J.5 SHEET NUMBER | PROJECT NUMBER NHSX-009-8(046)--3H-96 | WINNESHIEK COUNTY | DESIGN TEAM Flattery/Bell/Schinstock | ENGLISH | FILE NO.

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WINNESHIEK COUNTY
PROJECT NUMBER NHSX-009-8(046)--3H-96
SHEET NUMBER J.6
REVISED
DESIGN TEAM Flattery/Bell/Schinstock
ENGLISH
FILE NO.

STAGE 2

Sta. 101+37.80 to Sta. 173+22.82 (IA 9)

0 100 FEET

N

Sheet 1 of 1

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WINNESHIEK COUNTY

PROJECT NUMBER NHSX-009-8(046)--3H-96

SHEET NUMBER J.7

DESIGN TEAM Flattery/Bell/Schinstock

ENGLISH

FILE NO.

STAGE 3

Sta. 101+37.80 to Sta. 173+22.82 (IA 9)

Sheet 1 of 1

REVISED

SHEET NUMBER J.8

PROJECT NUMBER NHSX-009-8(046)--3H-96

WINNESHIEK COUNTY

DESIGN TEAM Flattery/Bell/Schinstock

ENGLISH

FILE NO.

STAGE 4

Sta. 101+37.80 to Sta. 173+22.82 (IA 9)

Sheet 1 of 1

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ENGLISH

DESIGN TEAM Flattery/Bell/Schinstock

COUNTY WINNESHIEK

PROJECT NUMBER NHSX-009-8(046)--3H-96

SHEET NUMBER J.9

REVISED

FILE NO.

STAGE 5

Sta. 101+37.80 to Sta. 173+22.82 (IA 9)

Sheet 1 of 1

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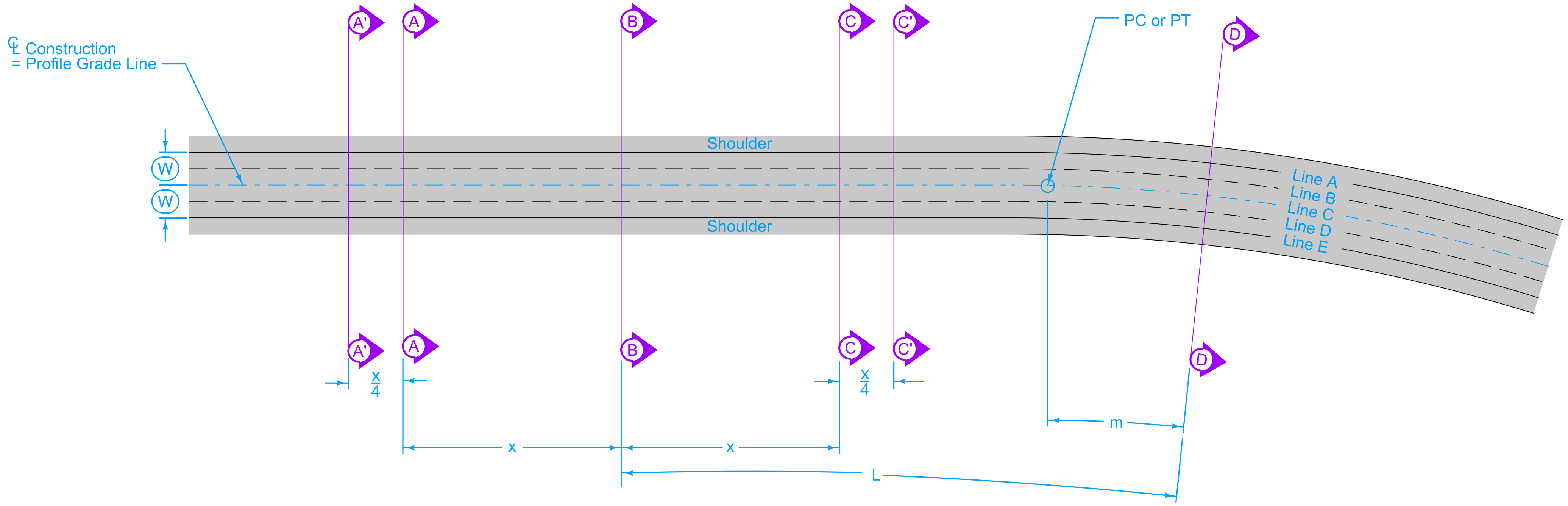
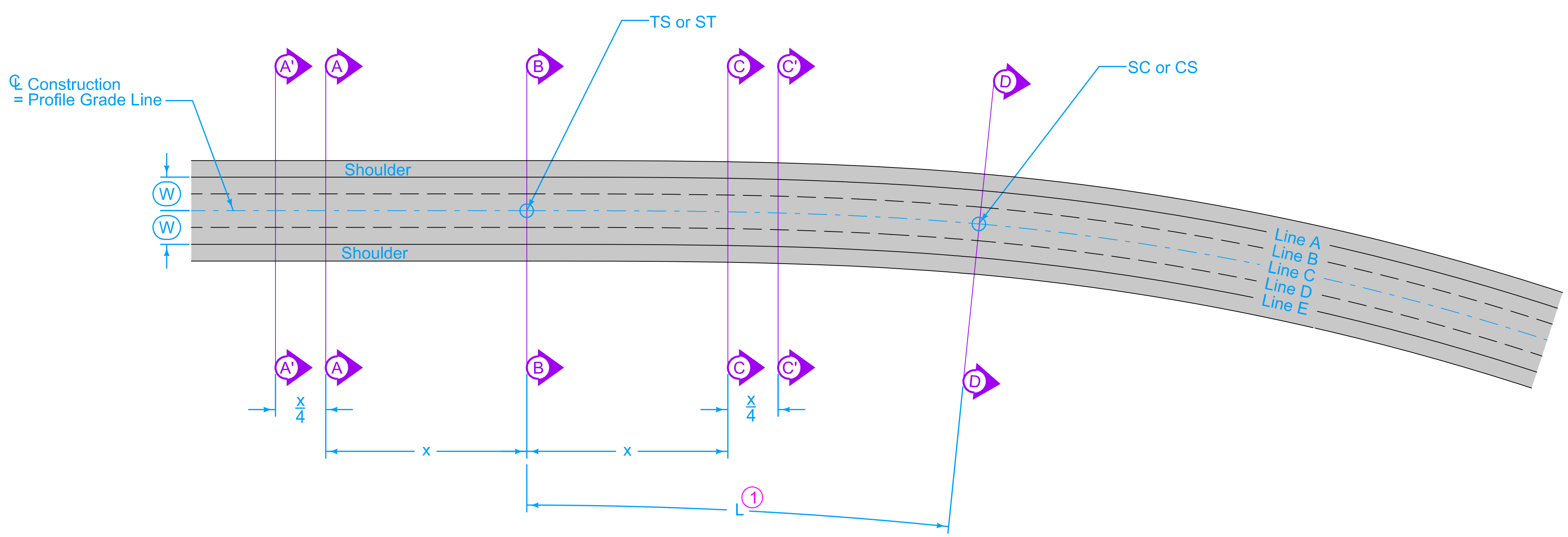


TRANSITION DETAILS - TANGENT TO CURVE



TRANSITION DETAILS - SPIRAL CURVE

Refer to specific curve data contained in project plans for tangent runout length (x), runoff length (L) and full superelevation (e).

When spiral curve transitions are not required:
Place 70% of full superelevation at the P.C. and P.T.
Place 30% of the runoff length within the curve.

Unless otherwise specified, all lengths are measured along the centerline of construction.

Superelevations on this standard are shown for curves to the right. Curves to the left are a mirror image of what is shown.

Smooth curves should be established at the time of construction at sections A-D along the profile edge of lines A-E.

m = 30% of Runoff Length (L)

W = 24'

L = Distance to Change Cross Slope from 0% to e

e = Superelevation Rate

x = Distance to Change Cross Slope from 0% to 2%

s = Normal Shoulder Slope

1 Spiral curve length coincides with runoff length (L)

Possible Tabulation:
101-18

MODIFIED

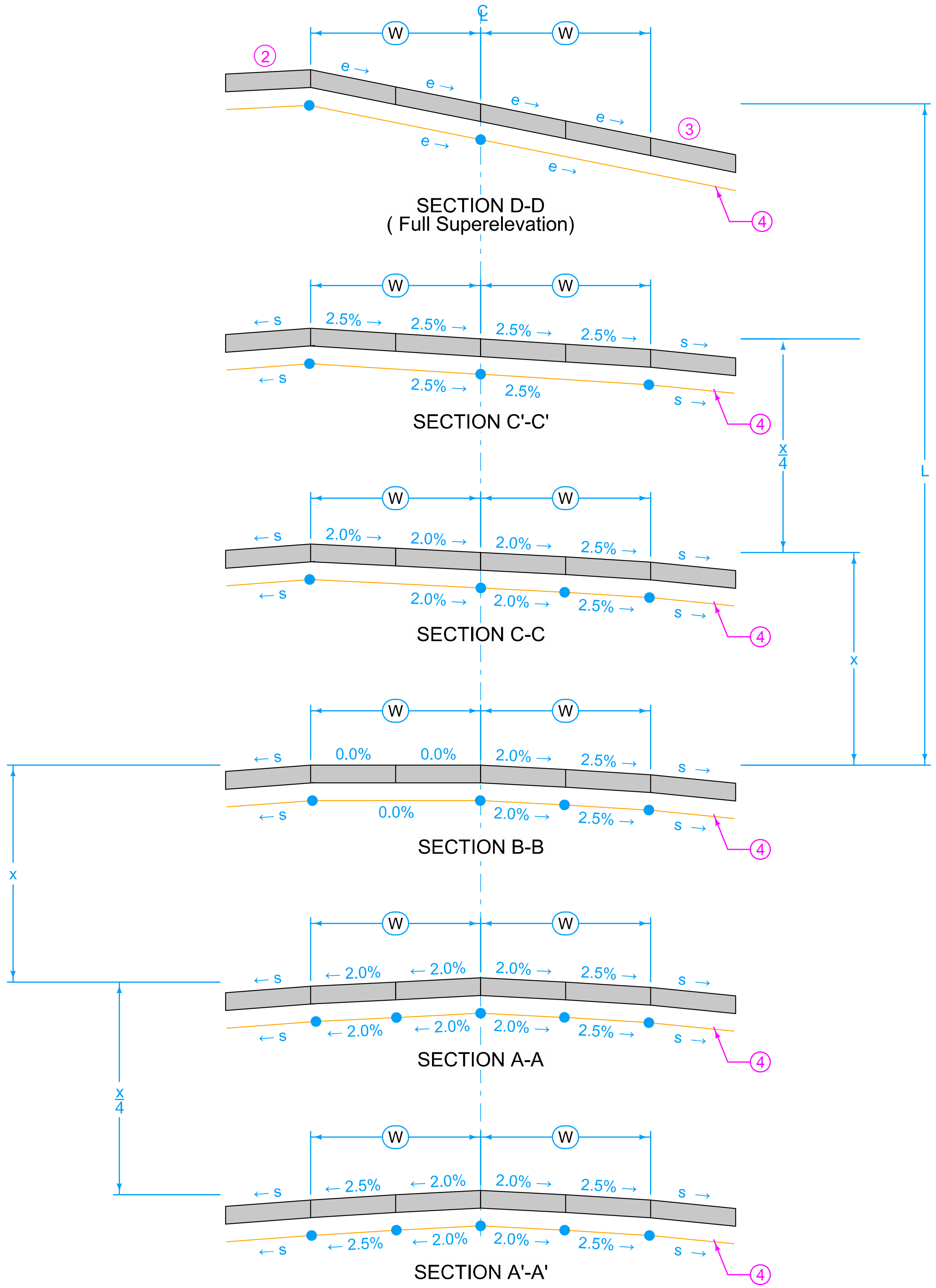
PV-305M

SHEET 1 of 3

MODIFICATIONS: Modified to four lane undivided roadway

SUPERELEVATION DETAILS
FOUR LANE ROADWAY
UNDIVIDED

FILE NO.	ENGLISH	DESIGN TEAM **Flattery/Bell/Schinstock**	**WINNESHIEK** COUNTY	PROJECT NUMBER **NHSX-009-8(046)--3H-96**	SHEET NUMBER **U.1**



(2) High Side Shoulder: Maintain normal shoulder cross slope (s) until the cross slope break with the adjacent pavement reaches 8.0%, then slope the shoulder at the same rate as the adjacent pavement maintaining an 8% cross slope breakover.

(3) Low Side Shoulder: Maintain normal shoulder cross slope (s) until the adjacent pavement slope equals s, then slope the shoulder at the same cross slope as the adjacent pavement.

(4) Subgrade Surface: Subgrade surface cross slope parallel to pavement surface cross slope.

MODIFIED

PV-305M

SHEET 2 of 3

MODIFICATIONS: Modified to four lane undivided roadway

SUPERELEVATION DETAILS
FOUR LANE ROADWAY
UNDIVIDED

FILE NO. | ENGLISH | DESIGN TEAM **Flattery/Bell/Schinstock** | **WINNESHIEK** COUNTY | PROJECT NUMBER **NHSX-009-8(046)--3H-96** | SHEET NUMBER **U.2**

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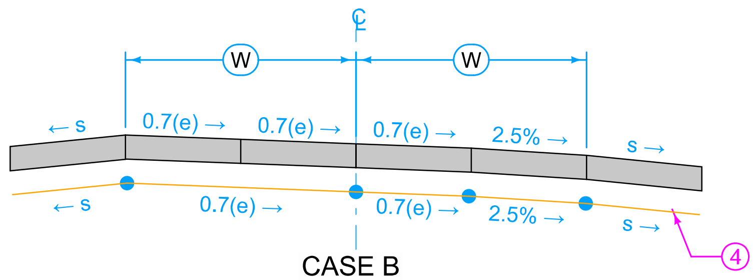
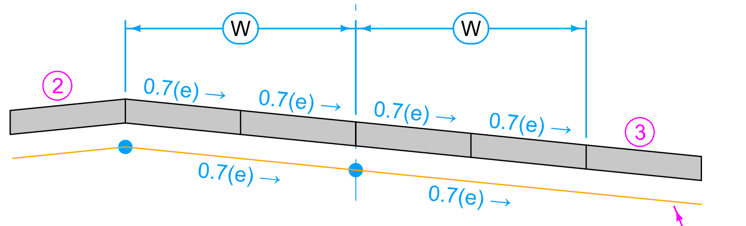
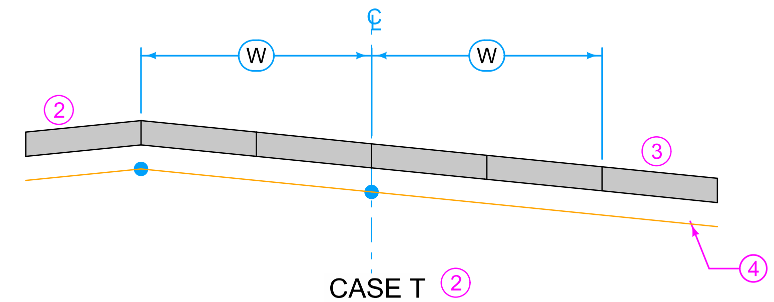


CASE B
(2.8% < e < 3.6%)

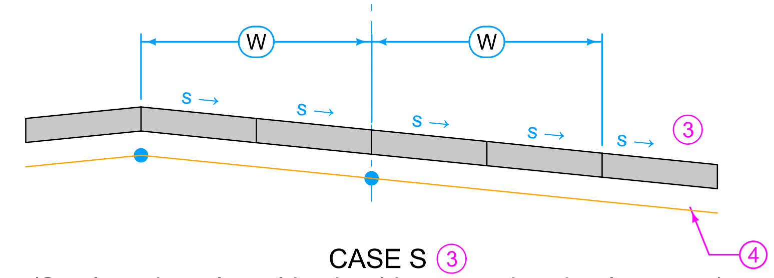


CASE A
(e ≥ 3.6%)

SECTION AT THE PC OR PT



CASE T 2
(Section where high side shoulder crown break rule occurs)



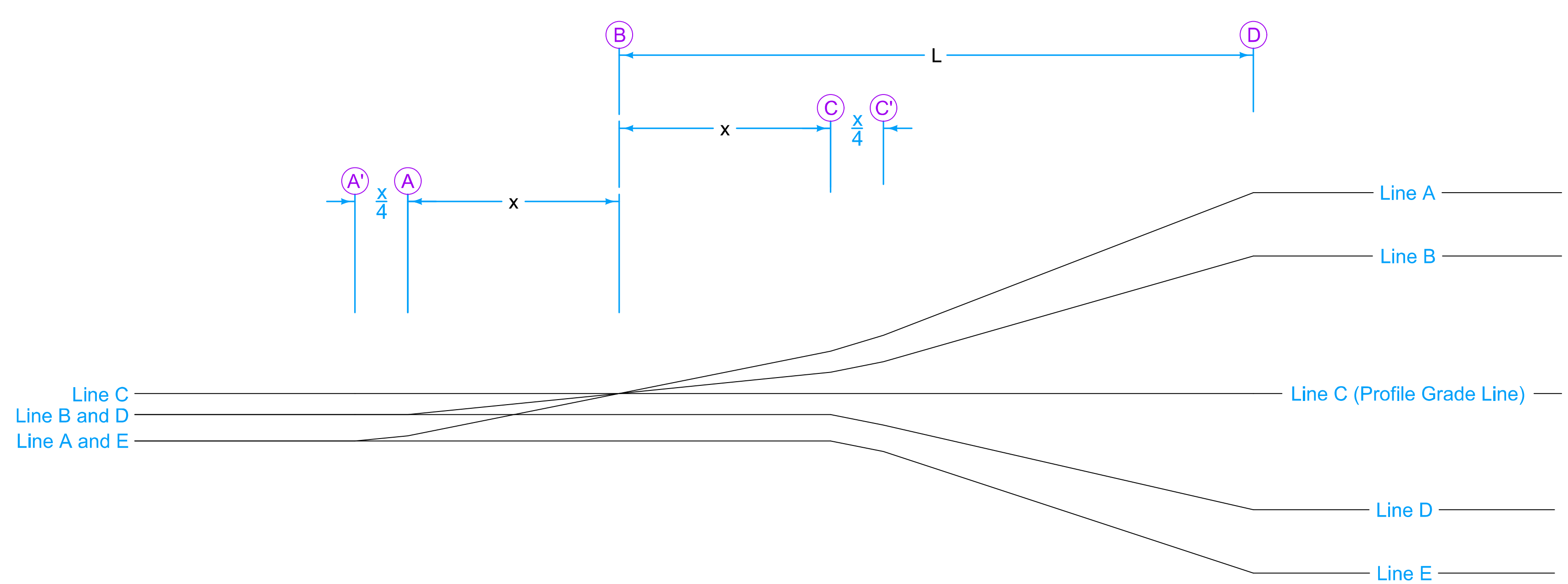
CASE S 3
(Section where low side shoulder crown break rule occurs)

LEFT ROADWAY **SECTION WHERE SHOULDER SLOPE TRANSITION BEGINS** **RIGHT ROADWAY**

2 High Side Shoulder: Maintain normal shoulder cross slope (s) until the cross slope break with the adjacent pavement reaches 8.0%, then slope the shoulder at the same rate as the adjacent pavement maintaining an 8% cross slope breakover.

3 Low Side Shoulder: Maintain normal shoulder cross slope (s) until the adjacent pavement slope equals s, then slope the shoulder at the same cross slope as the adjacent pavement.

4 Subgrade Surface: Subgrade surface cross slope parallel to pavement surface cross slope.



DIAGRAMMATIC PROFILES OF THE PAVEMENT EDGE LINES

MODIFIED

PV-305M

SHEET 3 of 3

MODIFICATIONS: Modified to four lane undivided roadway

SUPERELEVATION DETAILS
FOUR LANE ROADWAY
UNDIVIDED

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER U.3

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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

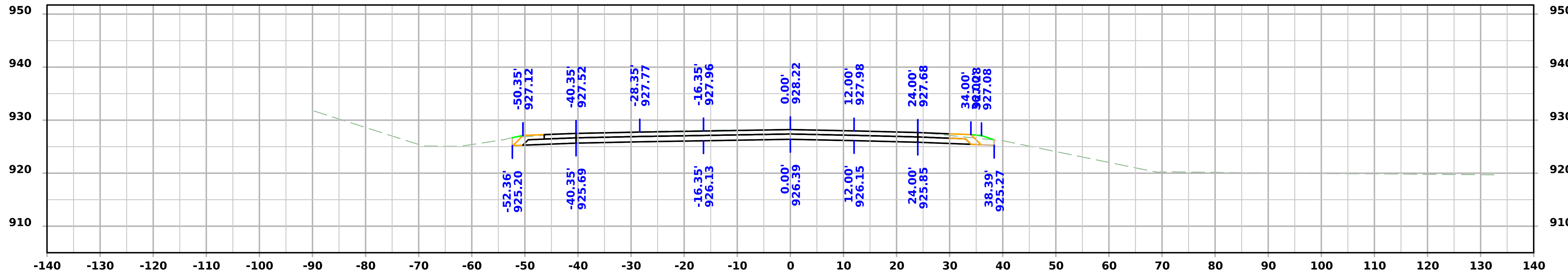
NOTES:

Text

CROSS SECTIONS
LEGEND AND INFORMATION SHEET

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

Iowa 9



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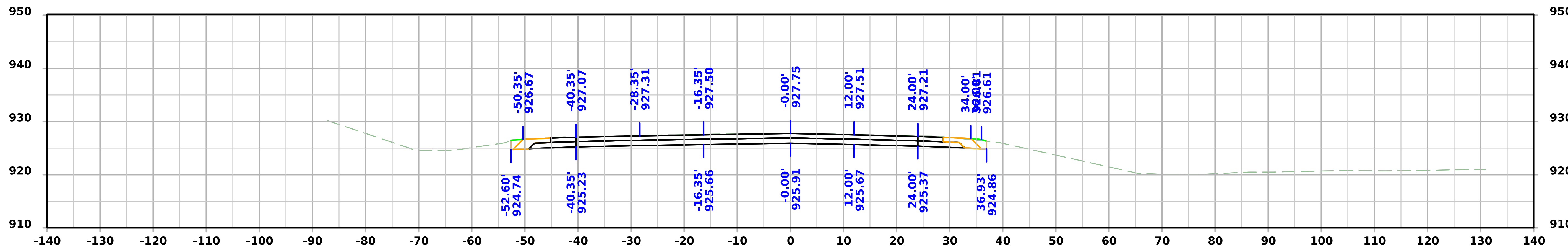

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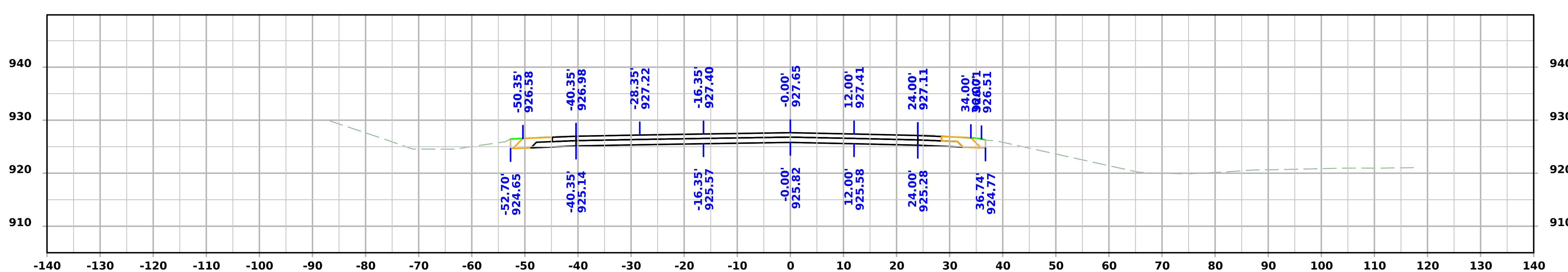
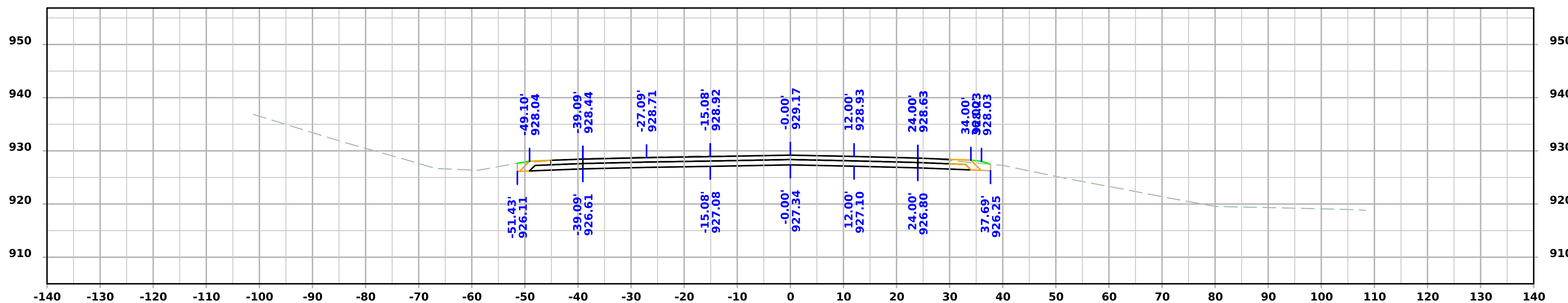


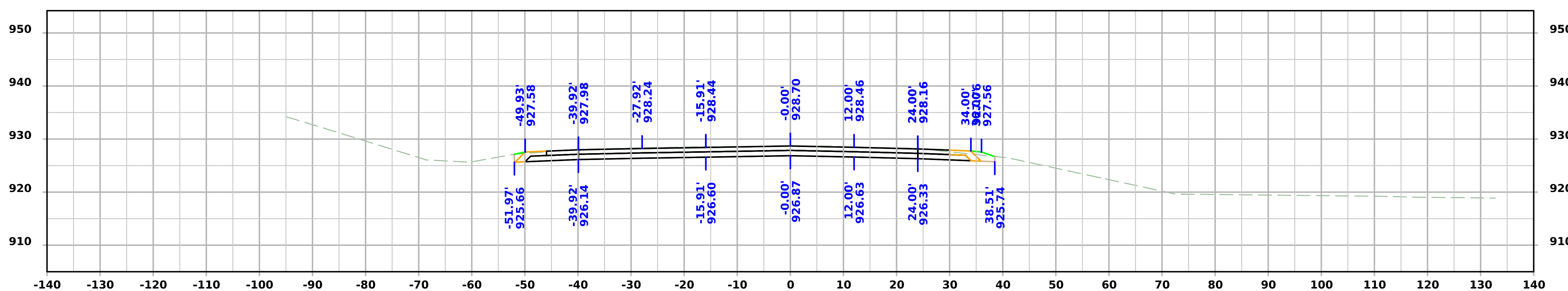
STA 101+45.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.2

Iowa 9

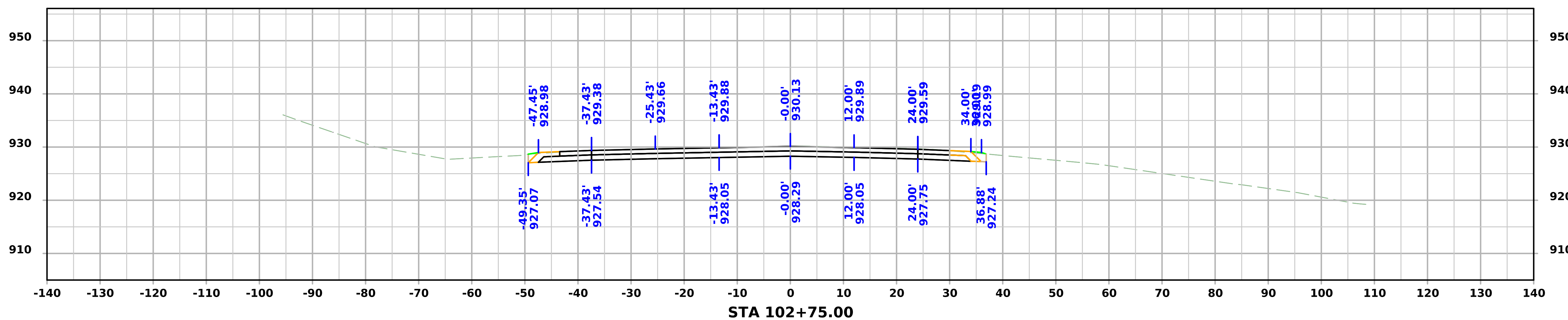


STA 102+25.00



STA 102+00.00

Iowa 9



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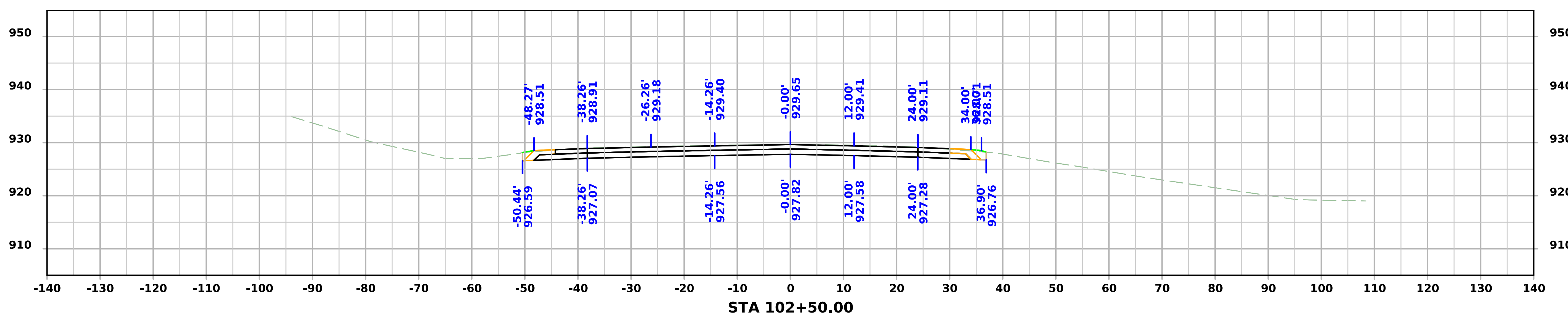

STA 102+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.4

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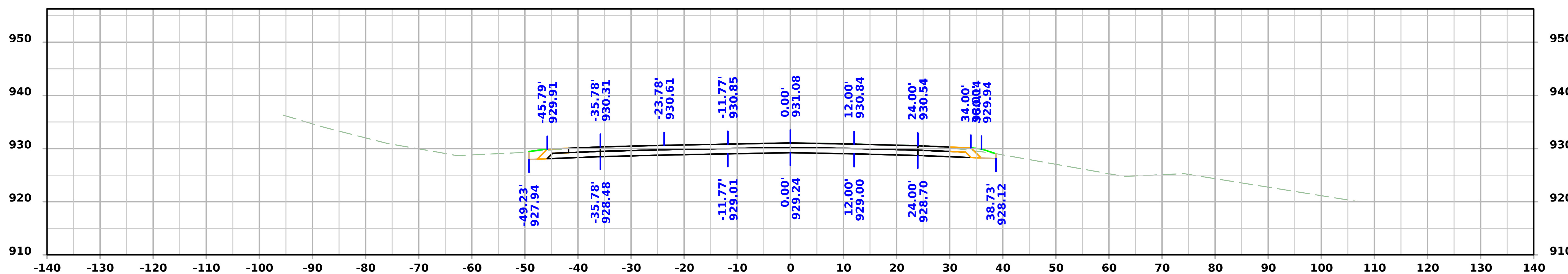
Iowa 9



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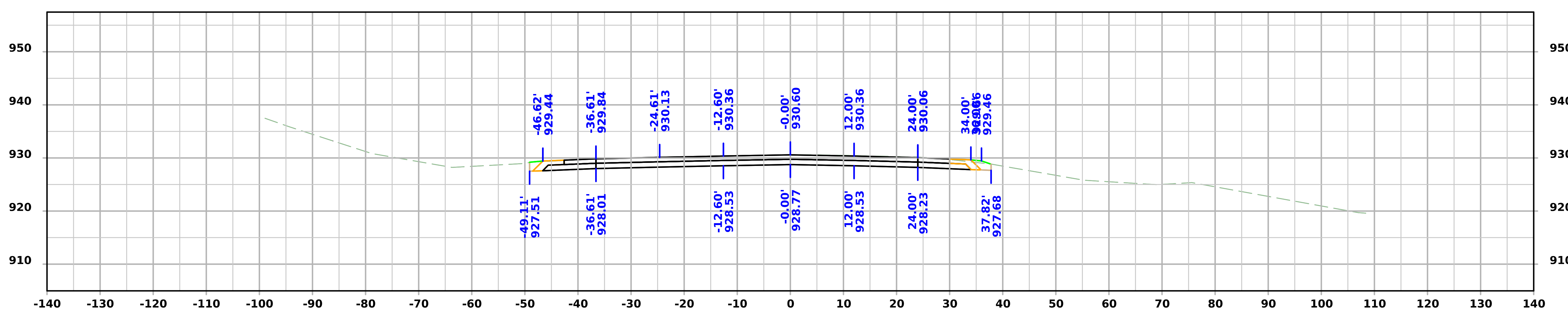

STA 103+00.00

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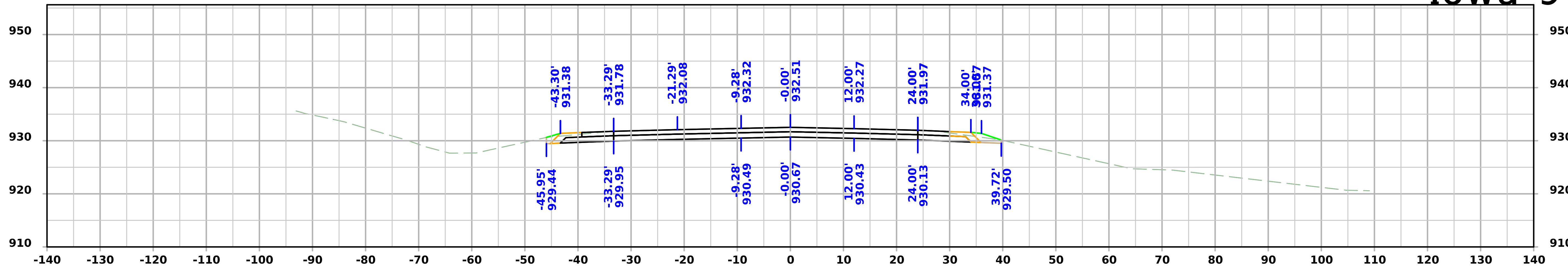
Iowa 9



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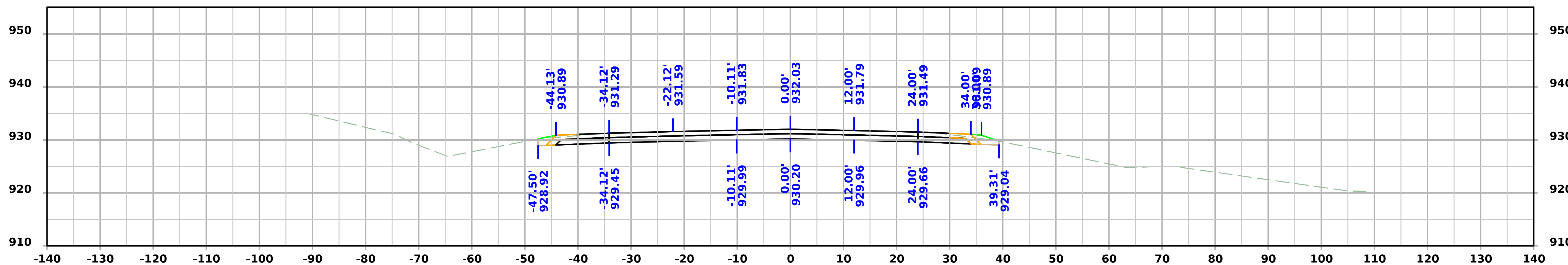

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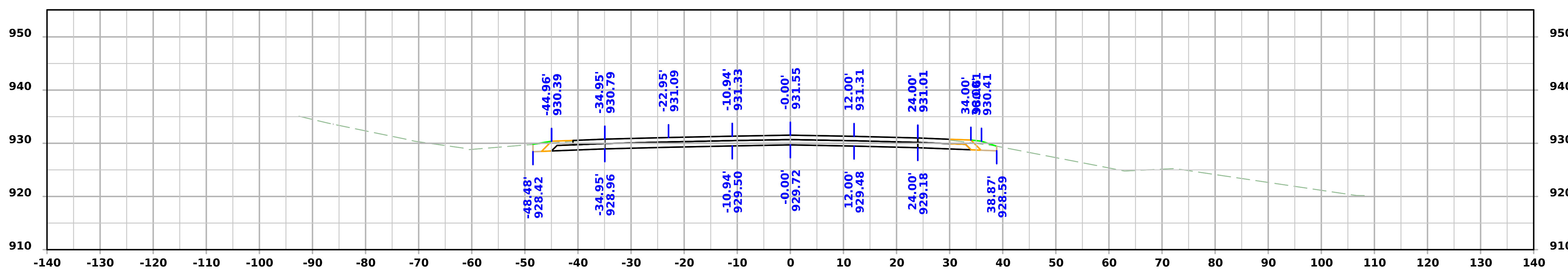

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.6

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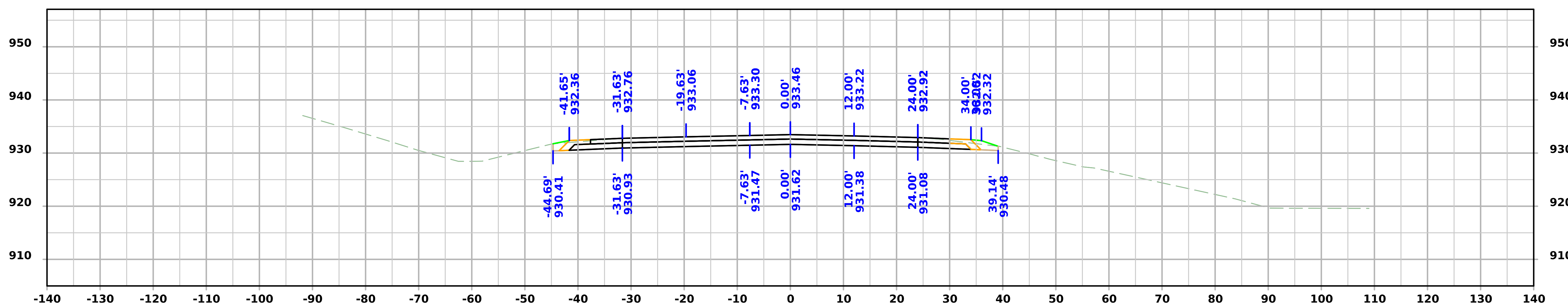
Iowa 9



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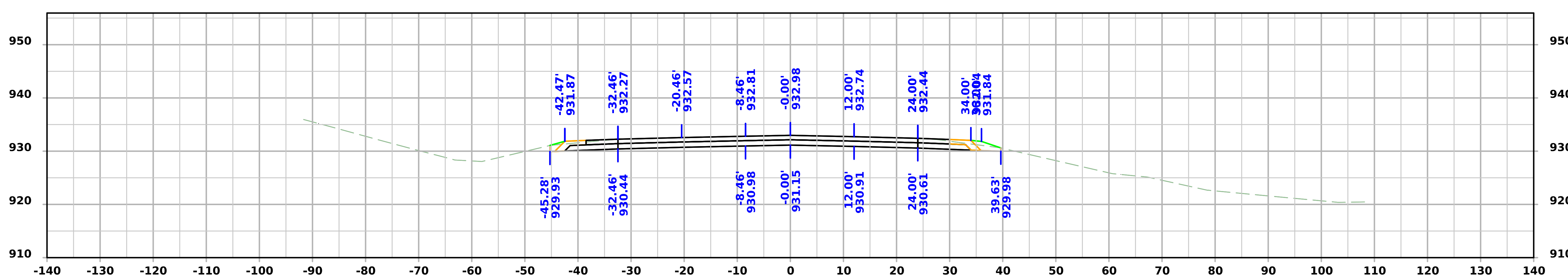

STA 104+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.7

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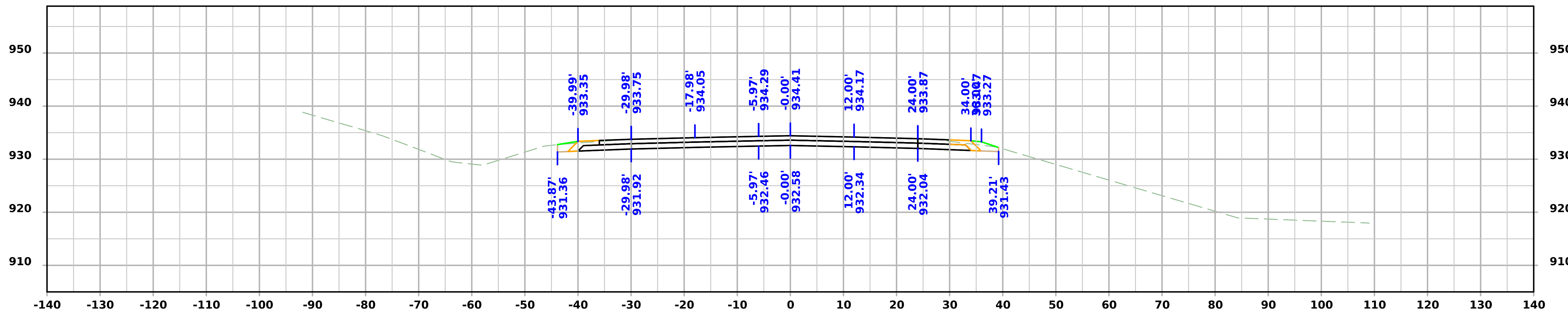
Iowa 9



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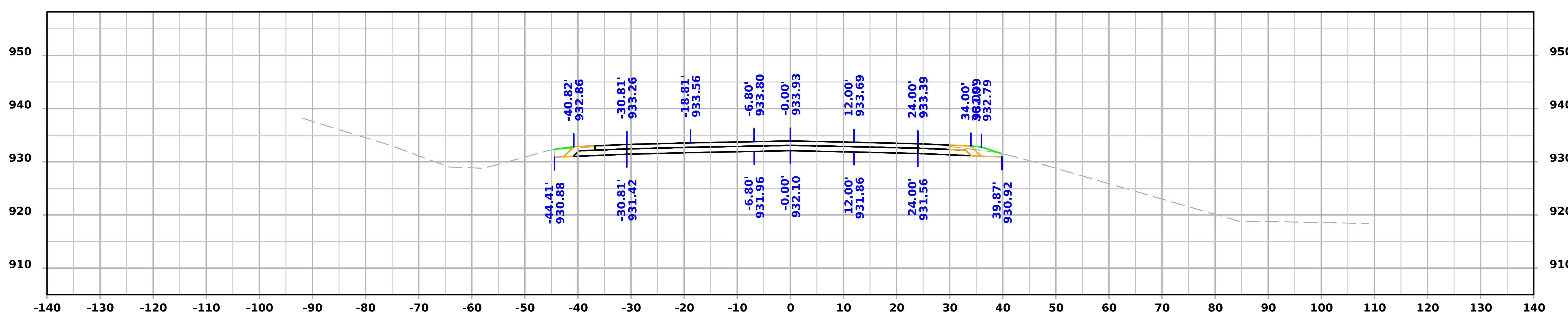

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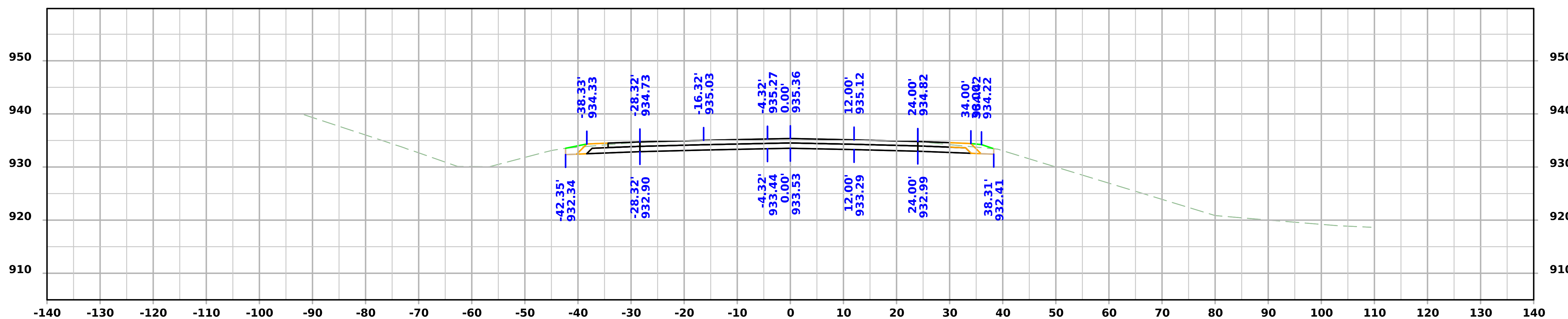
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.8

Iowa 9



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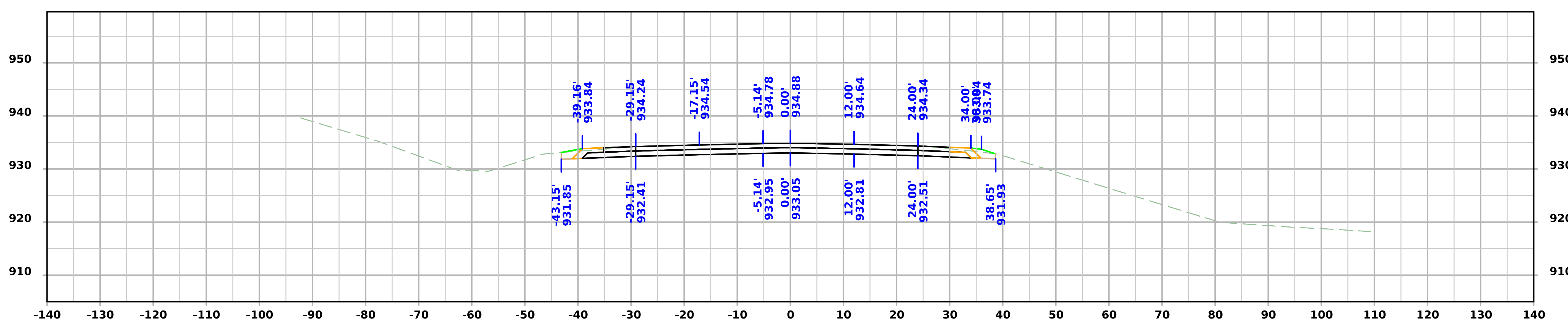

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.9

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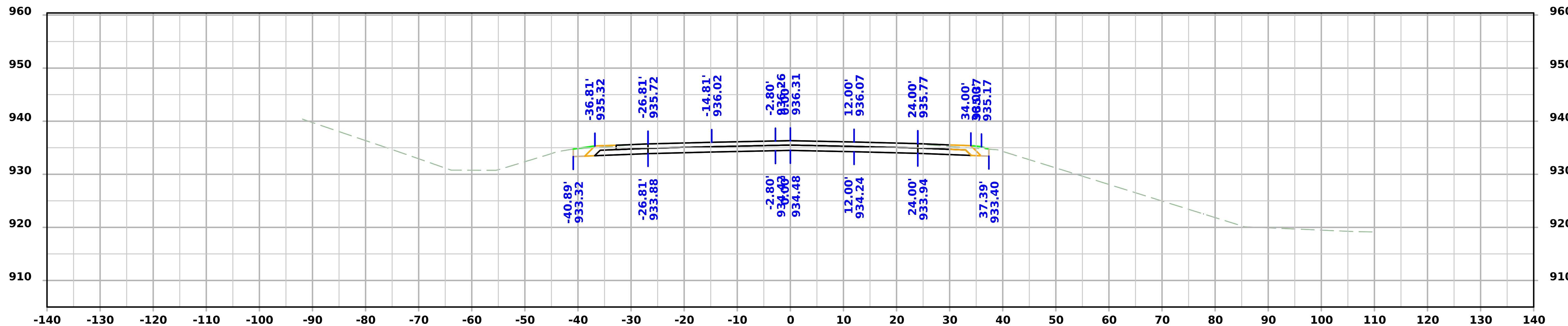
Iowa 9



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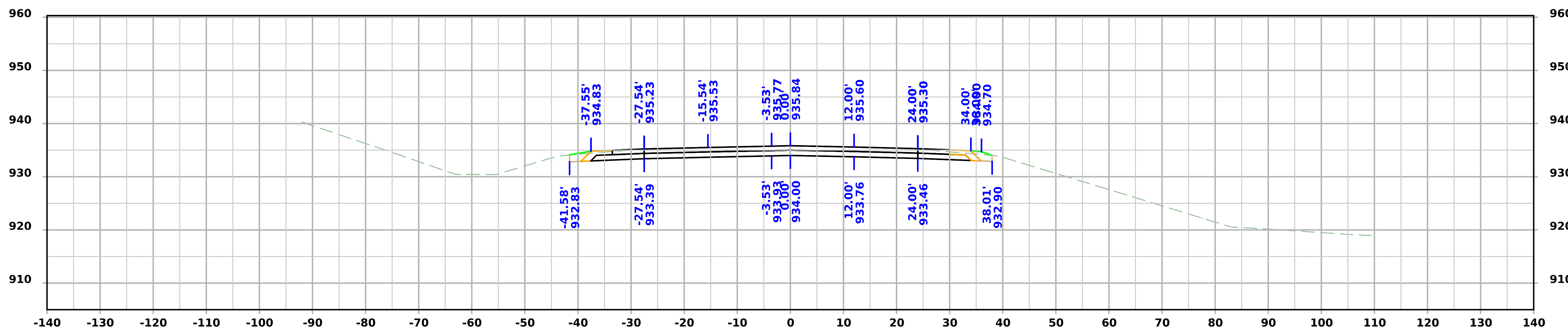
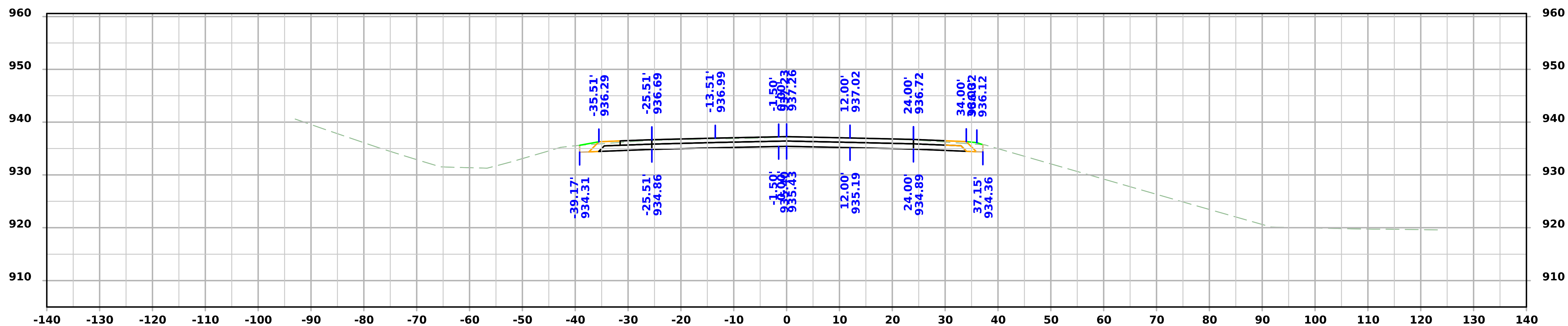


STA 105+75.00

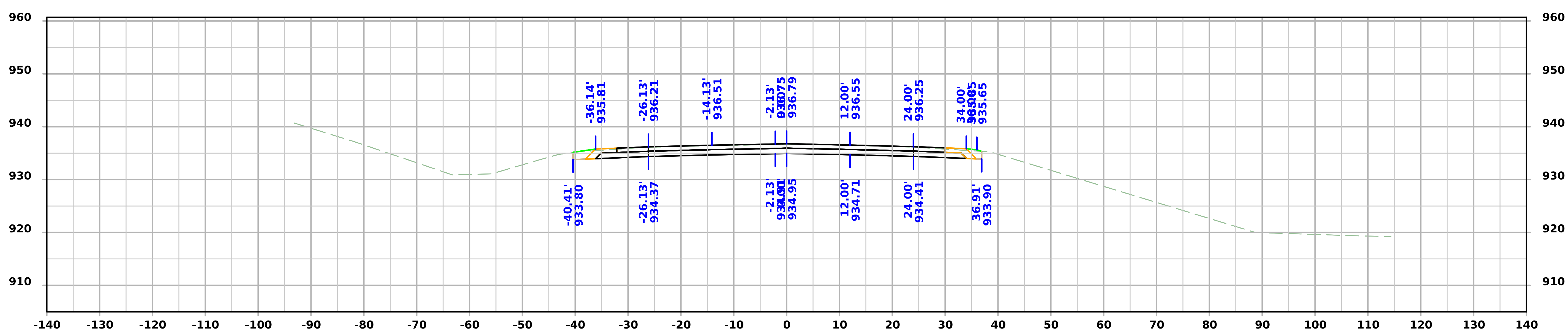
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.10

4:38:03 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 106+50.00

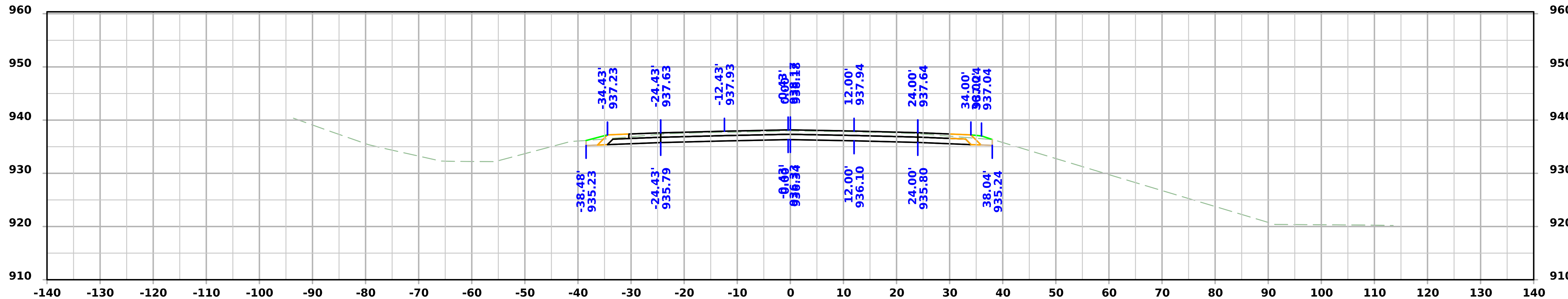


STA 106+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.11

4:38:04 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



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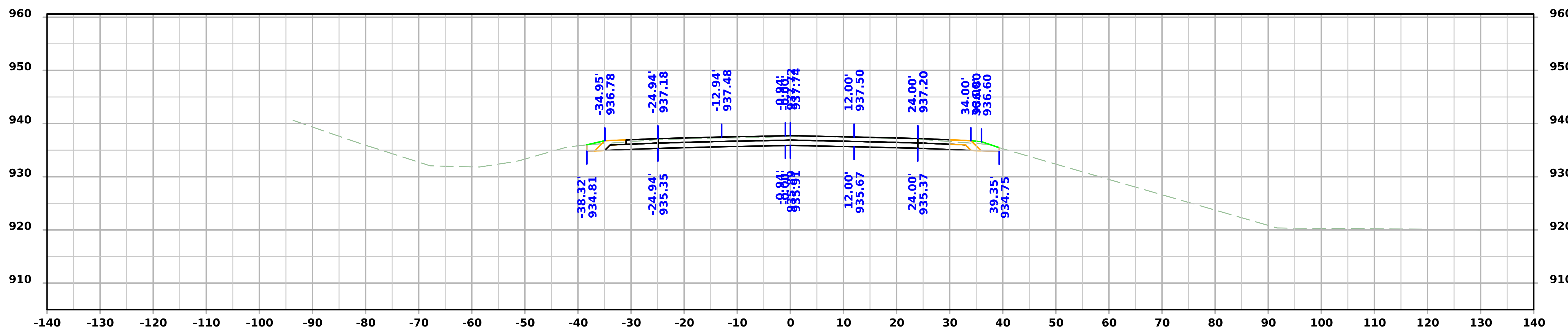
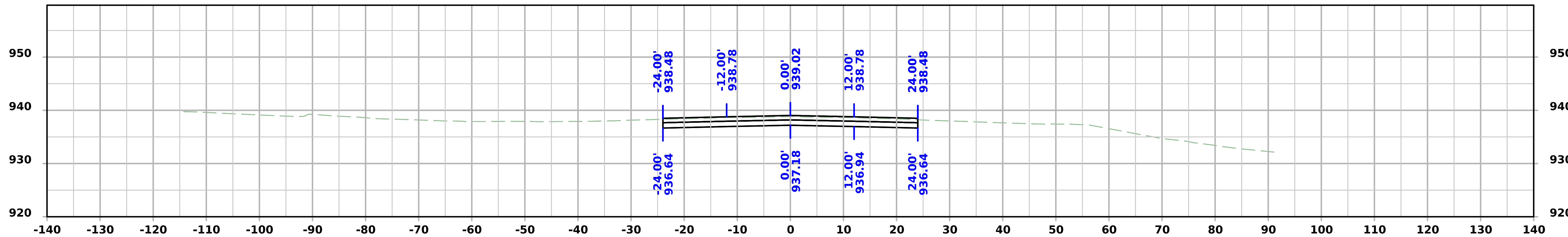


STA 106+75.00

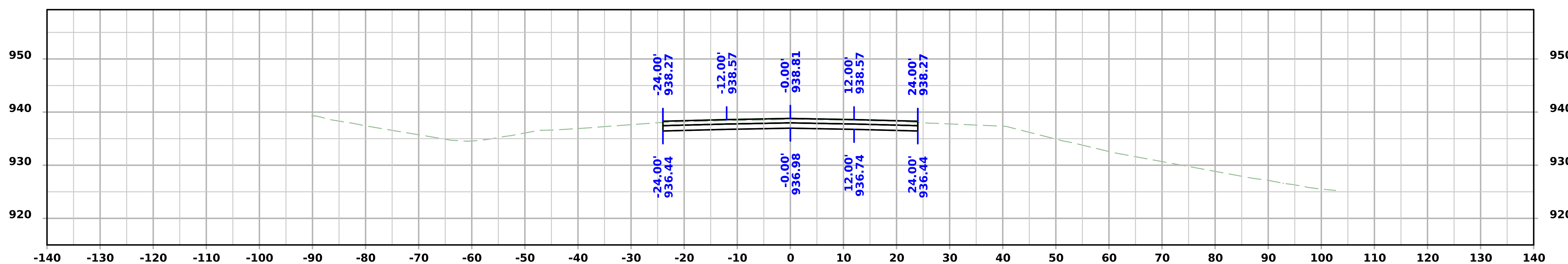
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.12

4:38:05 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

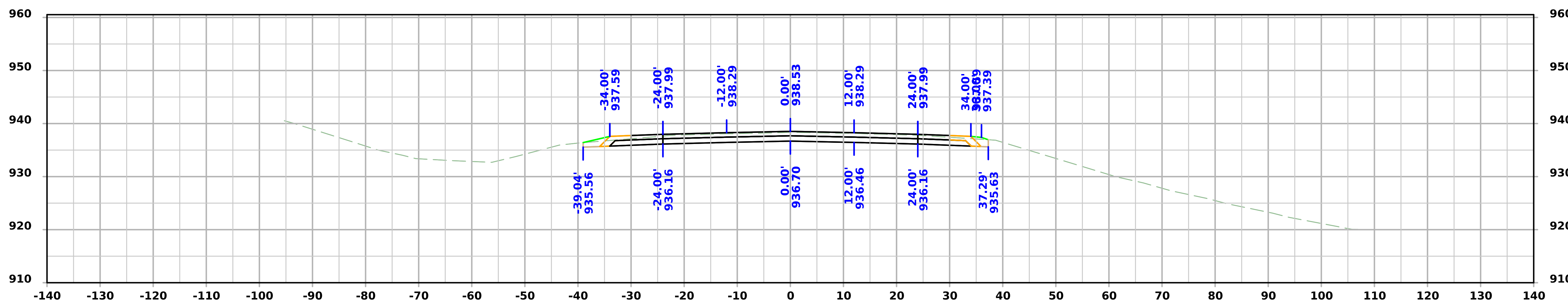
Iowa 9



STA 107+75.00



STA 107+50.00

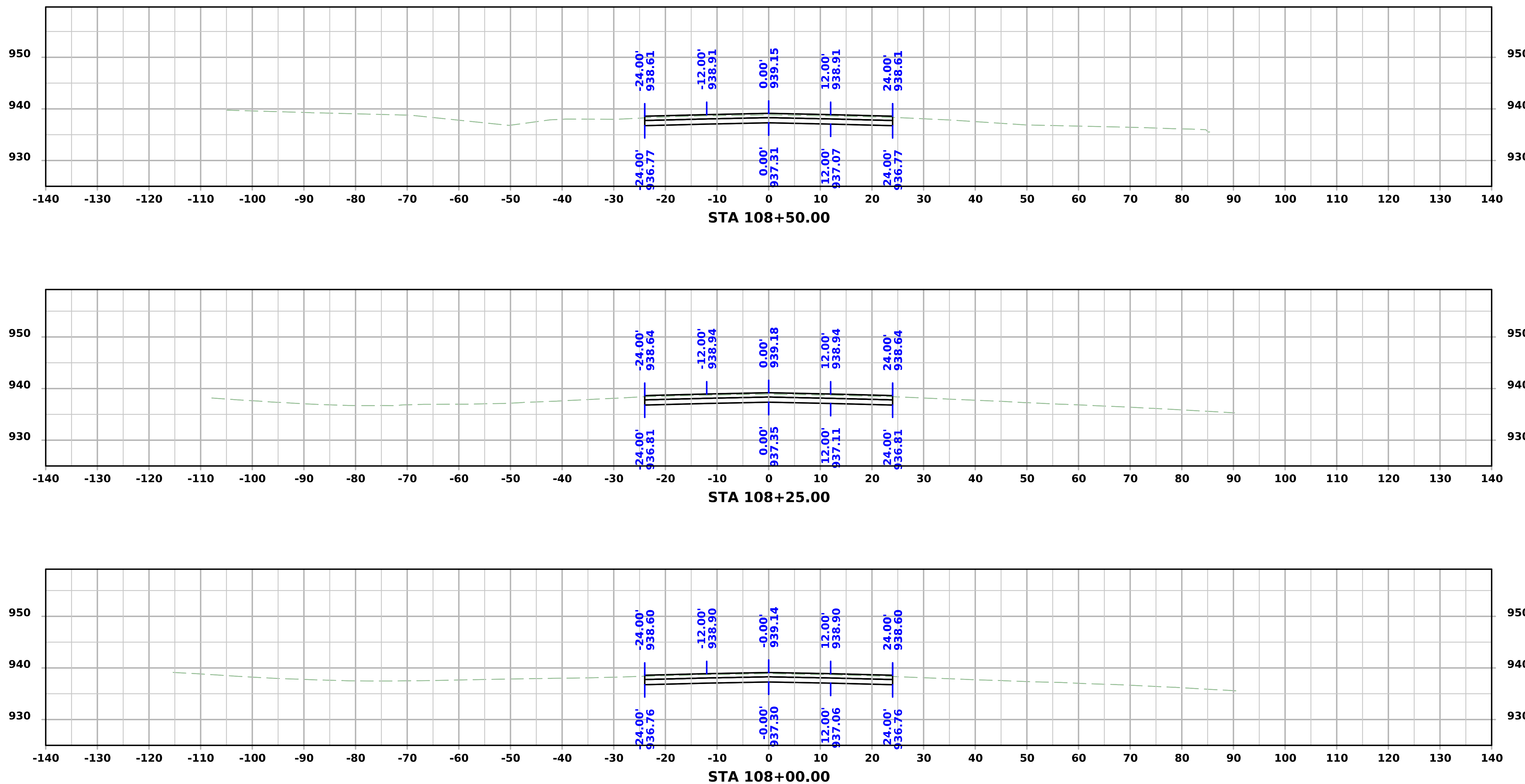


STA 107+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.13

4:38:07 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

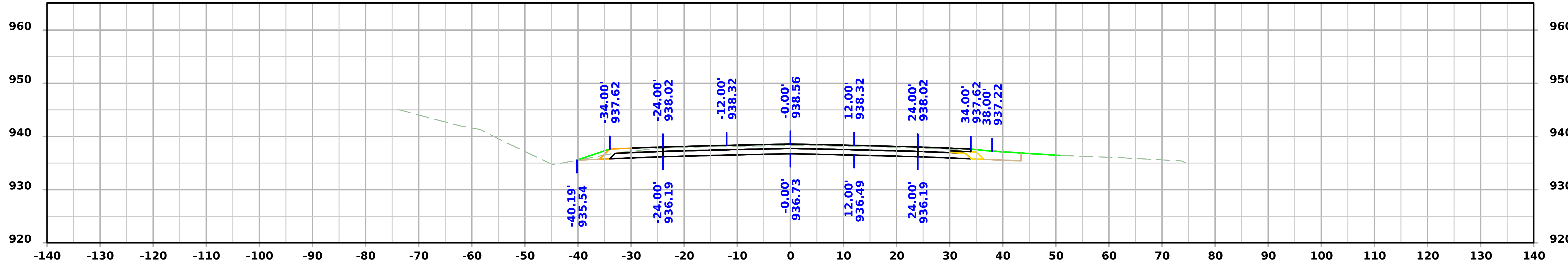
Iowa 9



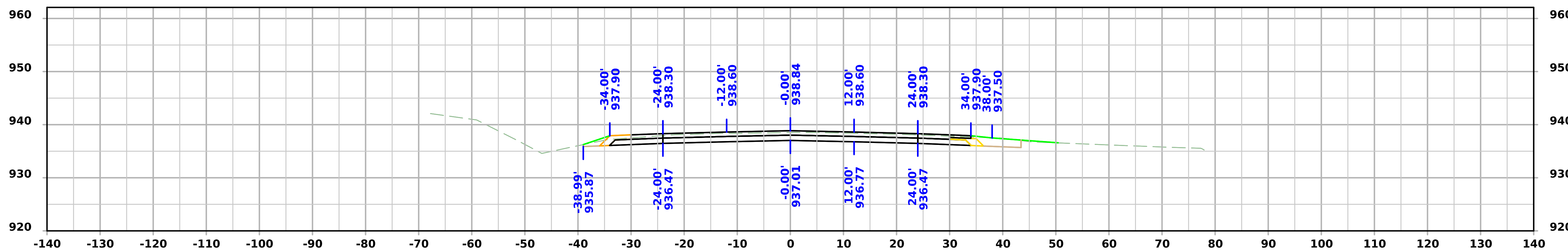
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.14

4:38:08 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

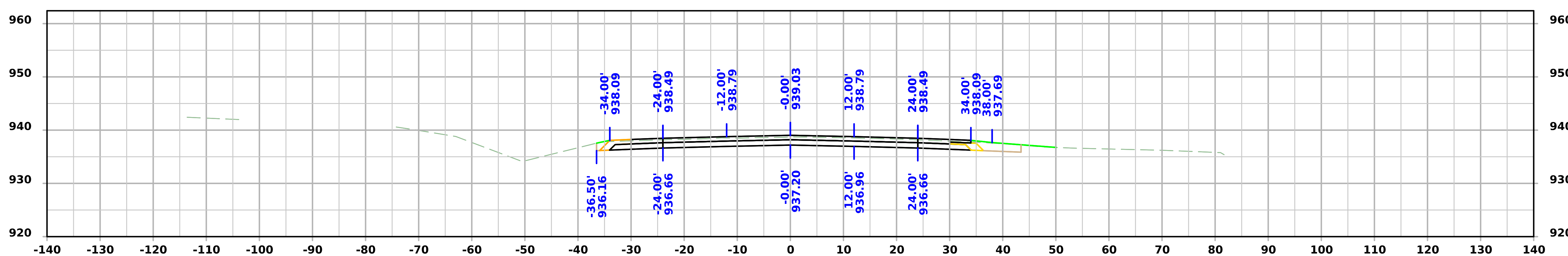
Iowa 9



STA 109+25.00



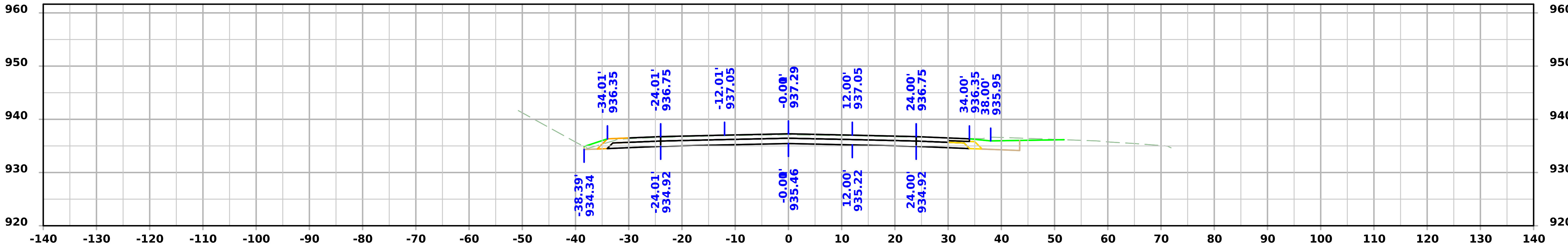
STA 109+00.00



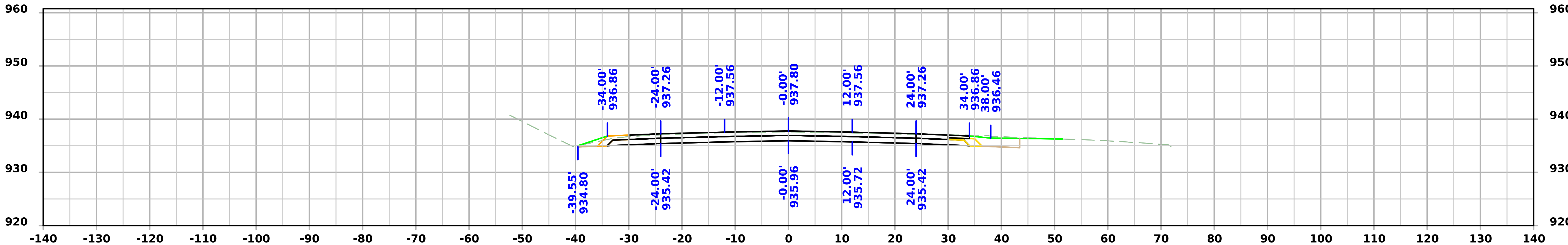
STA 108+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.15

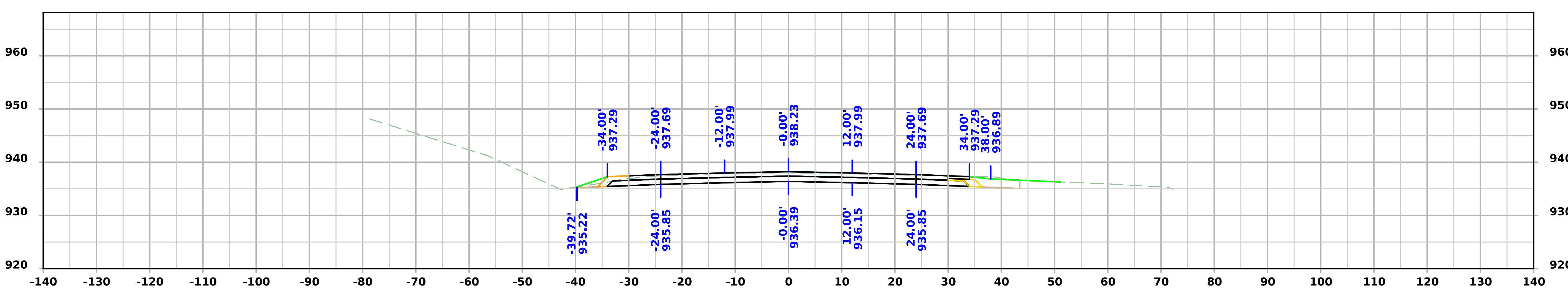
Iowa 9



STA 110+00.00

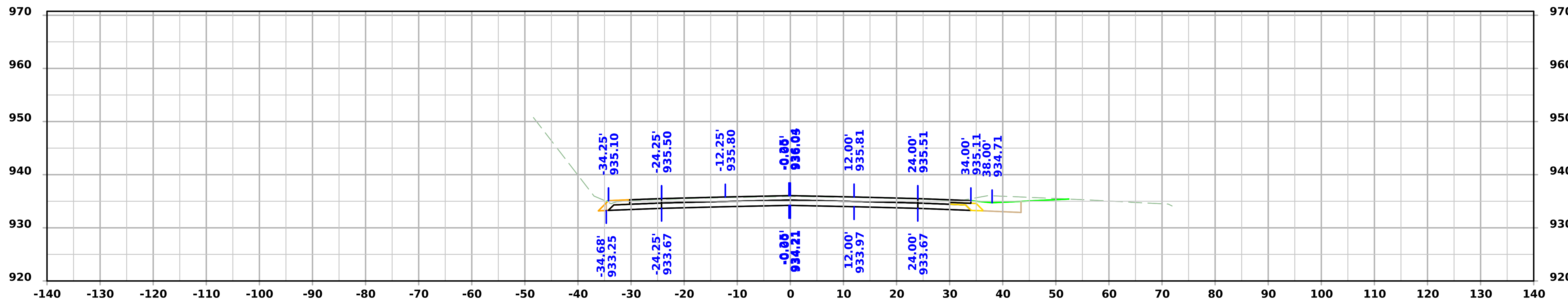


STA 109+75.00

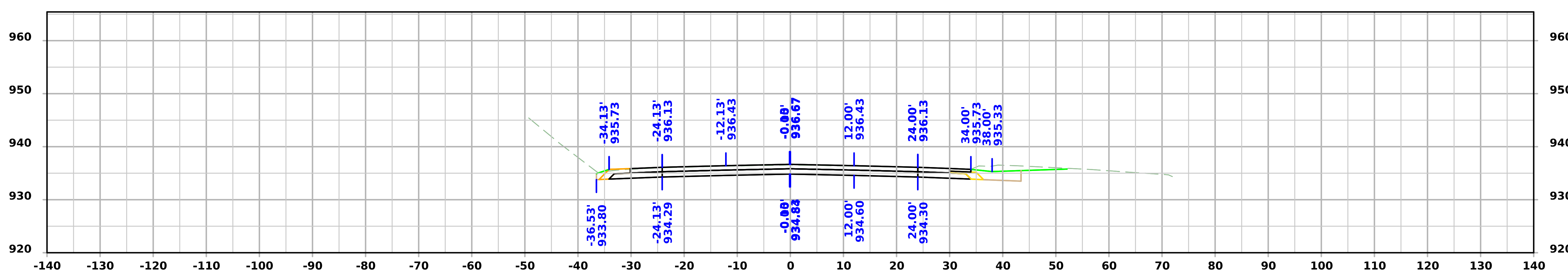


STA 109+50.00

Iowa 9



STA 110+50.00



STA 110+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.17

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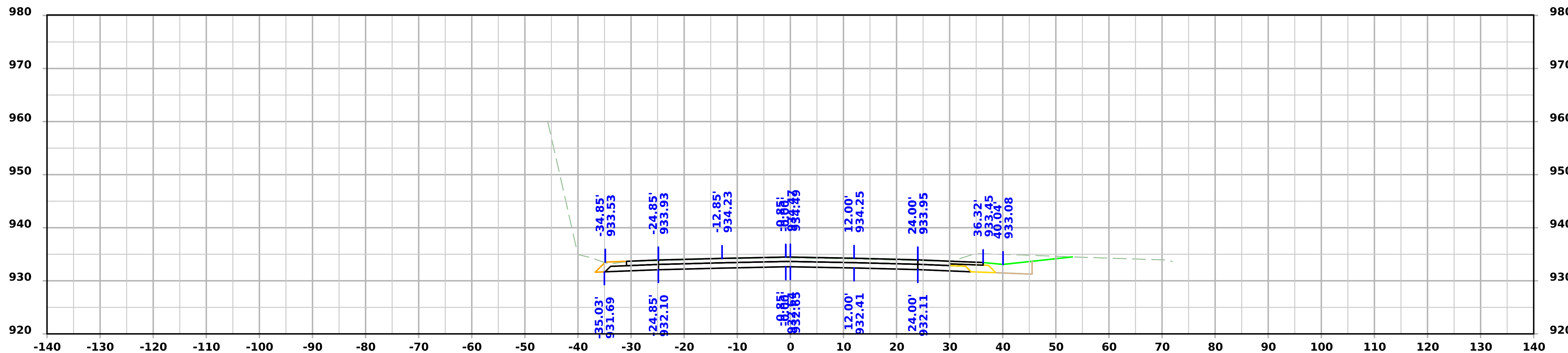
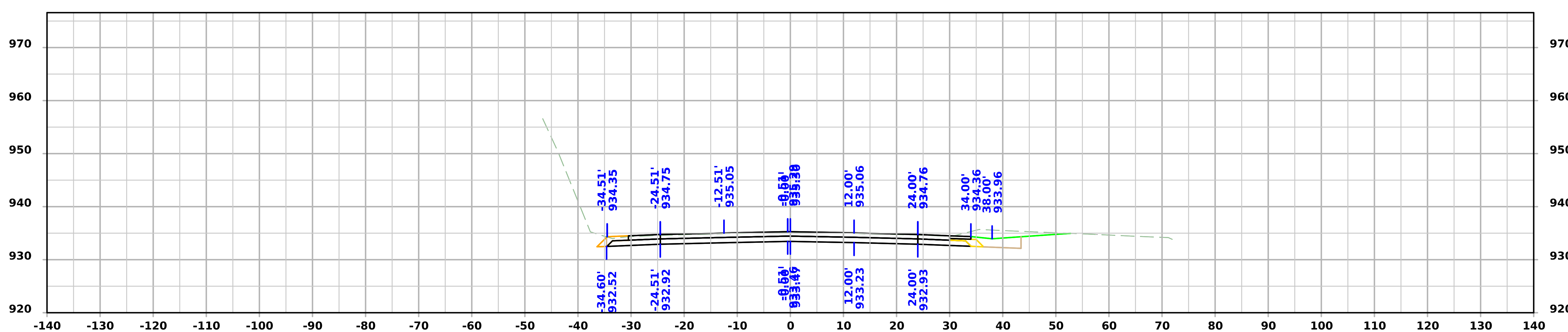
Iowa 9



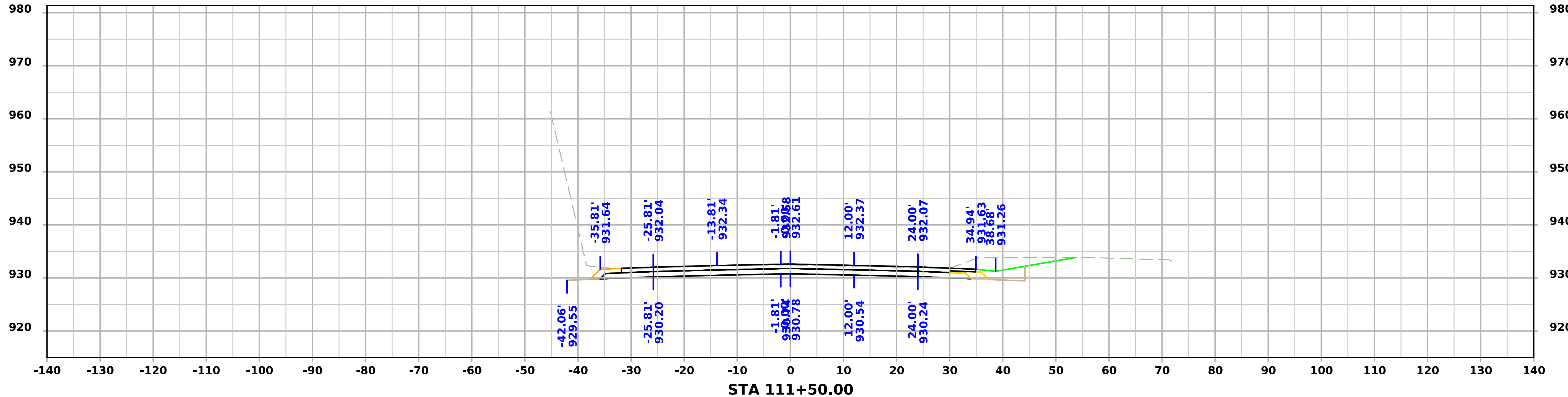
STA 111+00.00



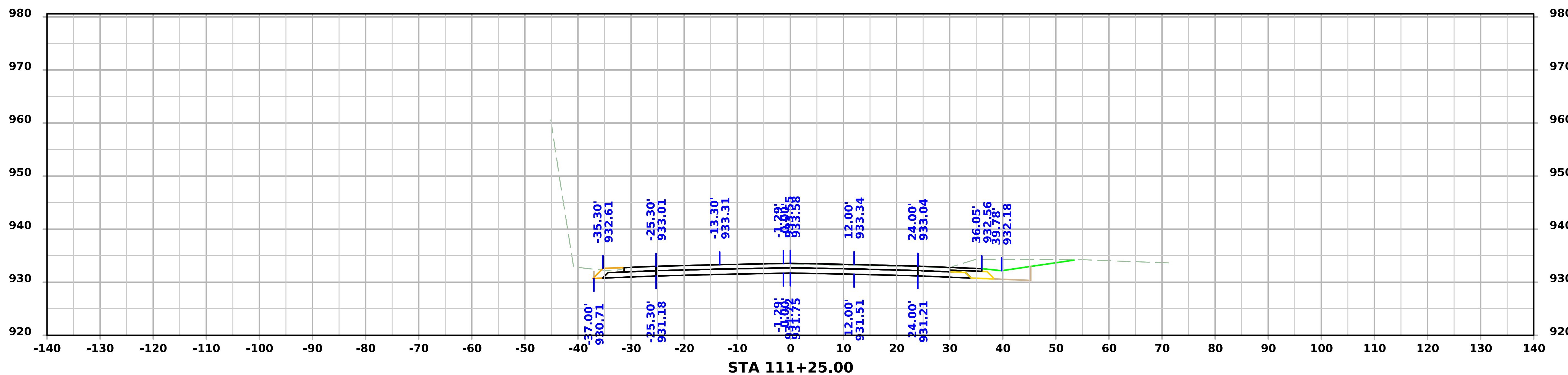
STA 110+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.18

4:38:13 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

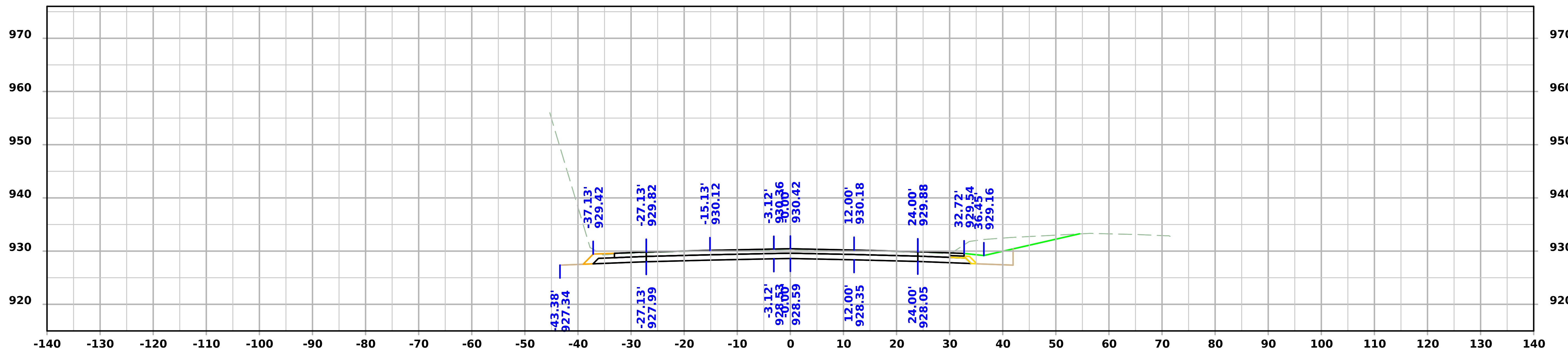


STA 111+50.00

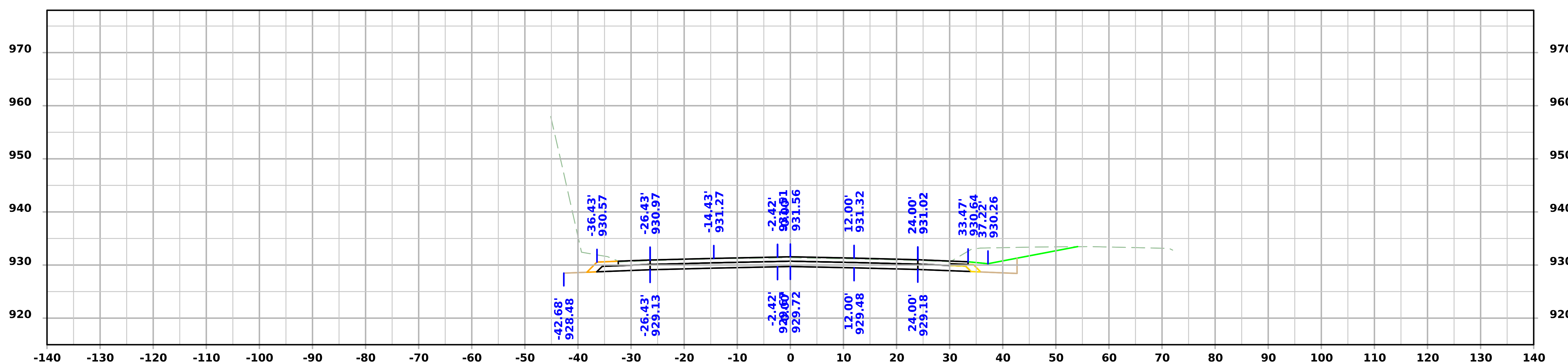


STA 111+25.00

Iowa 9



STA 112+00.00

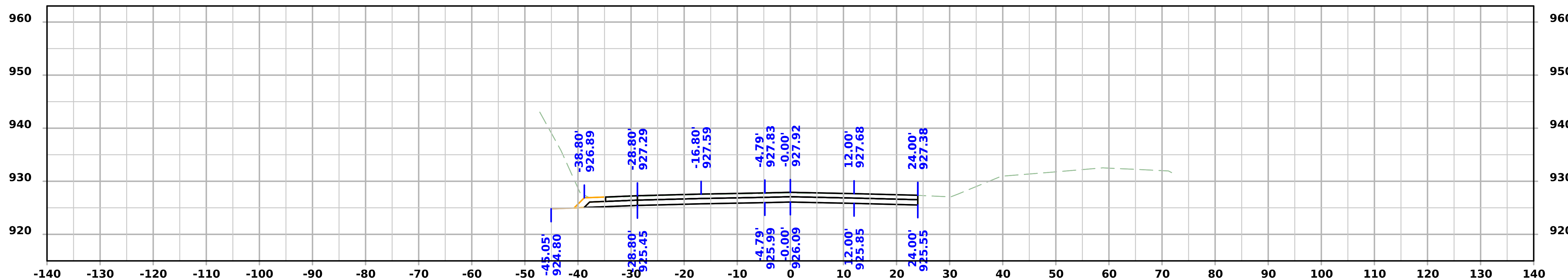


STA 111+75.00

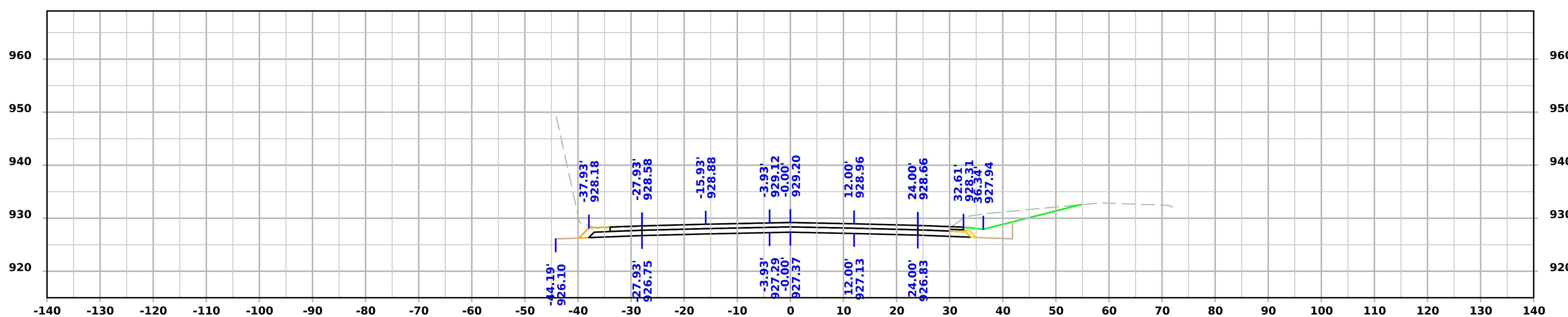
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.20

4:38:15 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 112+50.00

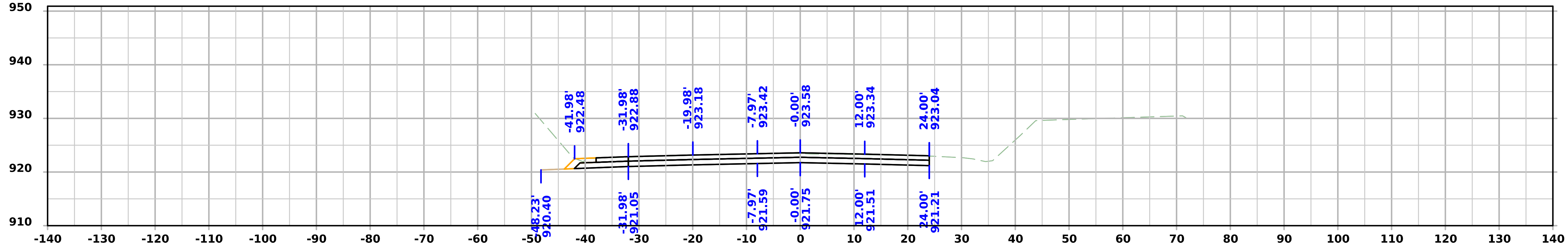


STA 112+25.00

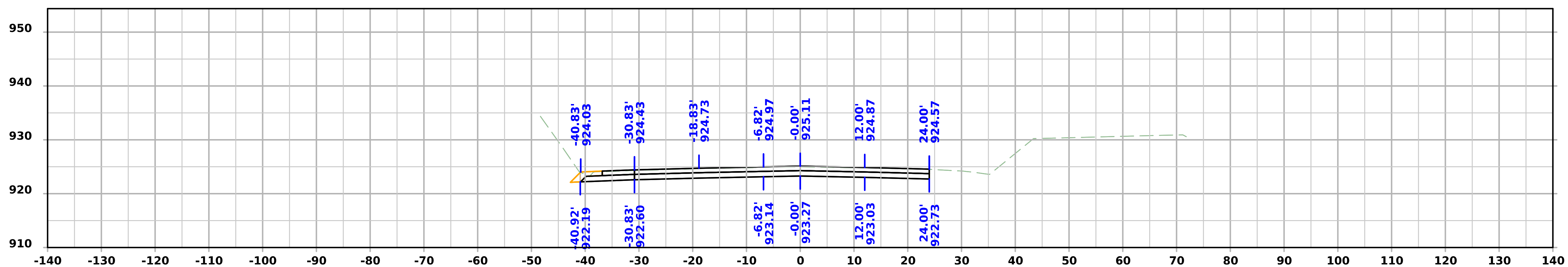
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.21

4:38:16 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

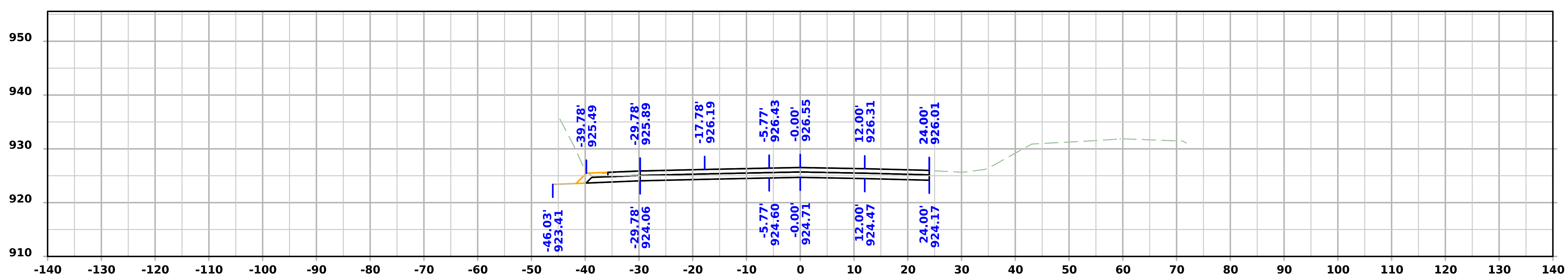
Iowa 9



STA 113+25.00

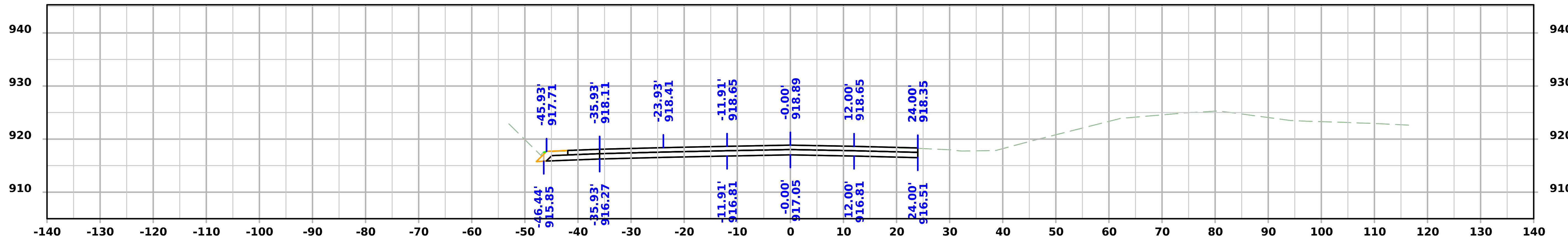


STA 113+00.00



STA 112+75.00

Iowa 9



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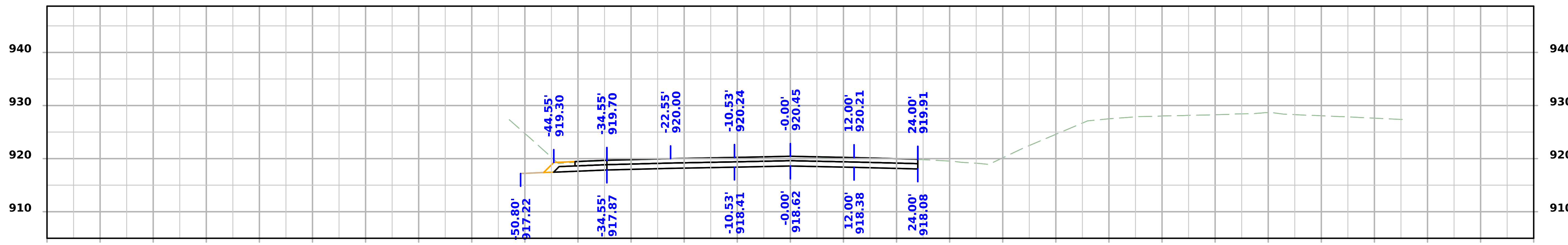
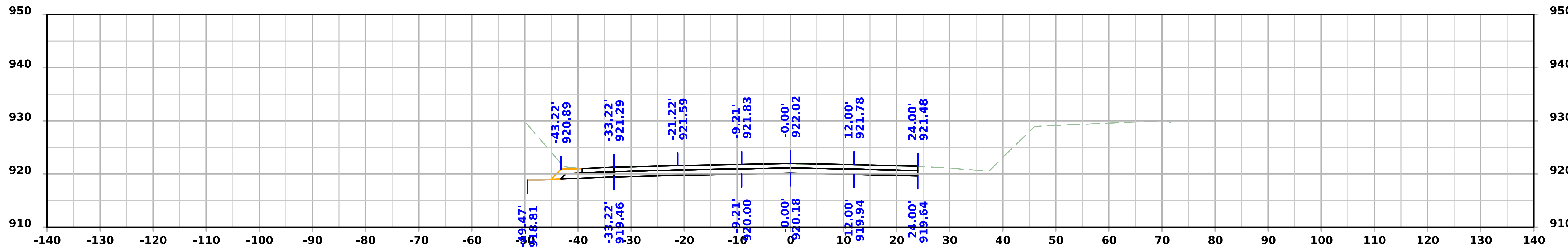


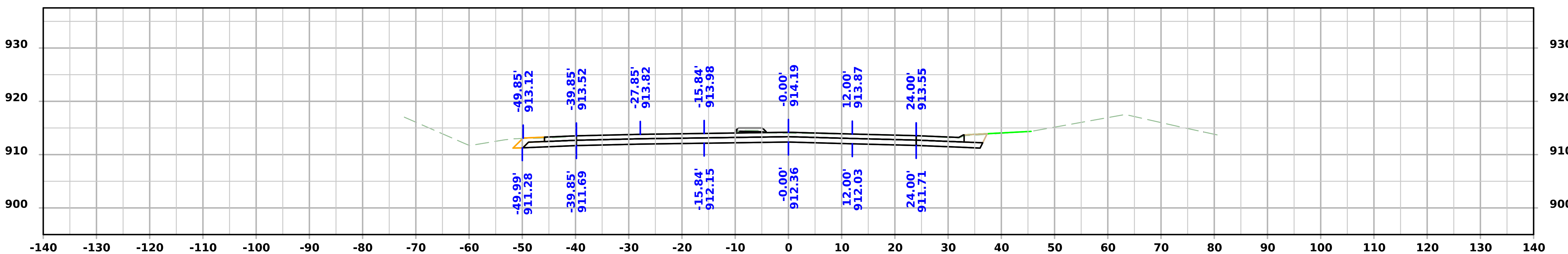
STA 113+75.00



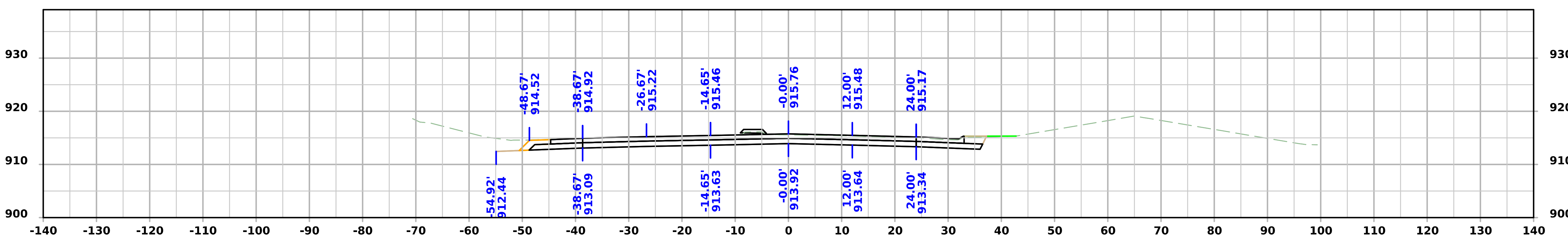
STA 113+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.23

Iowa 9



STA 114+75.00



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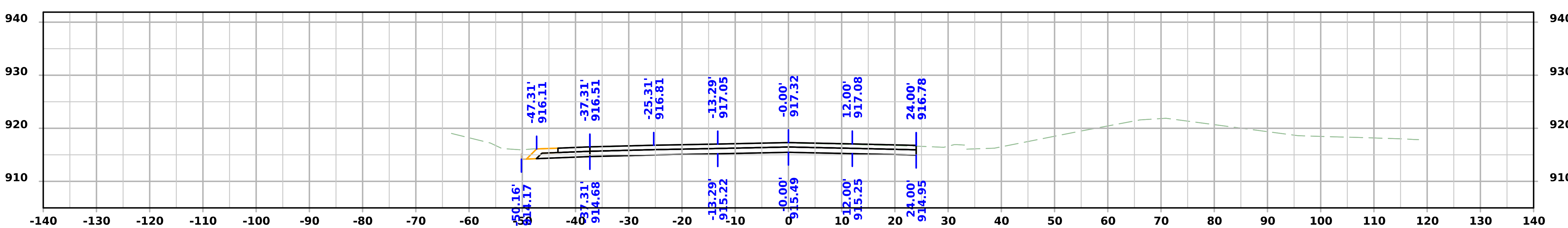
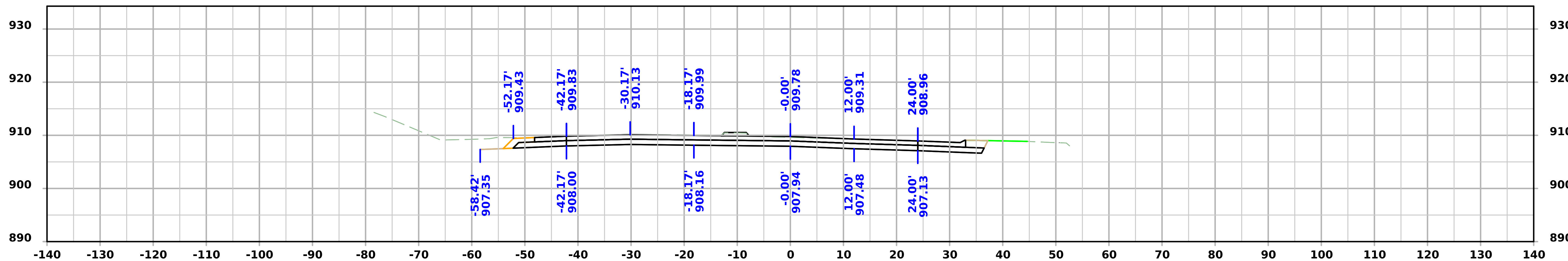


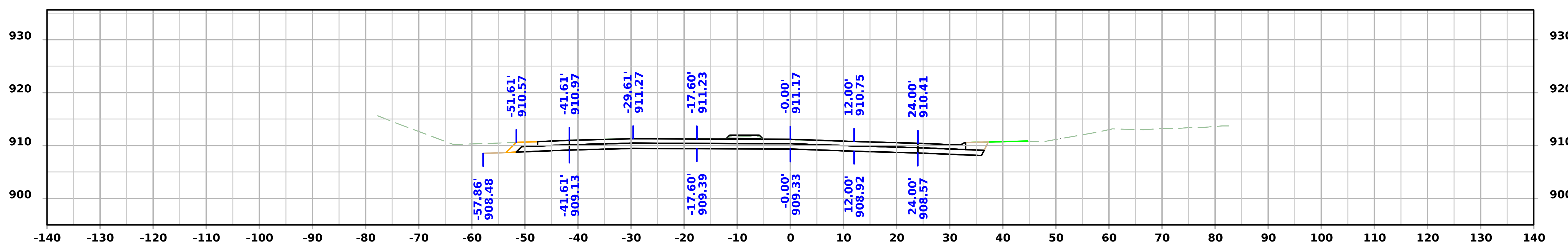
STA 114+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.24

Iowa 9



STA 115+50.00



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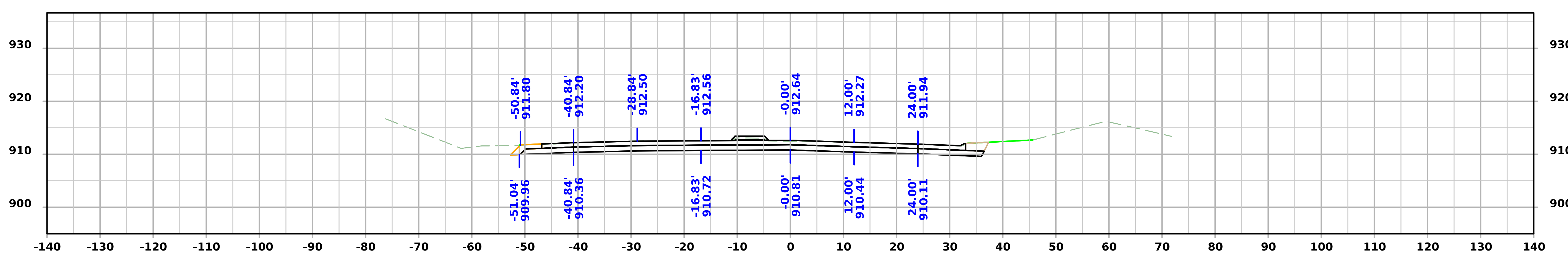

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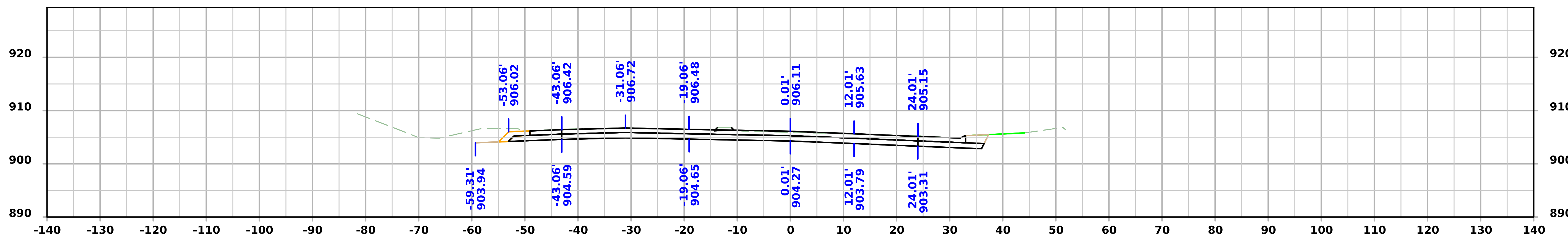
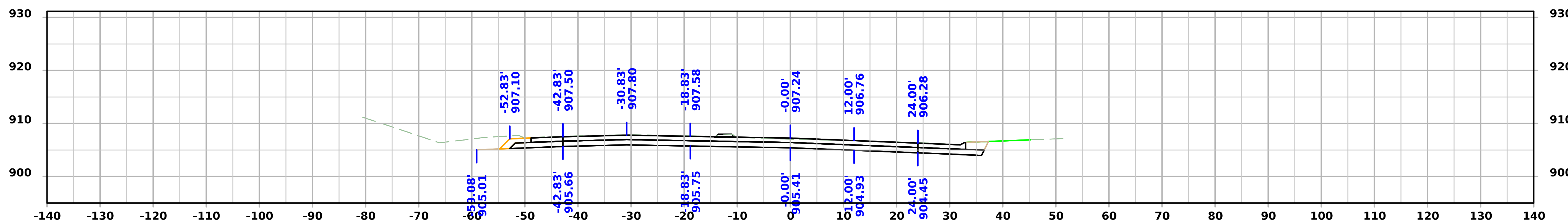
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.25

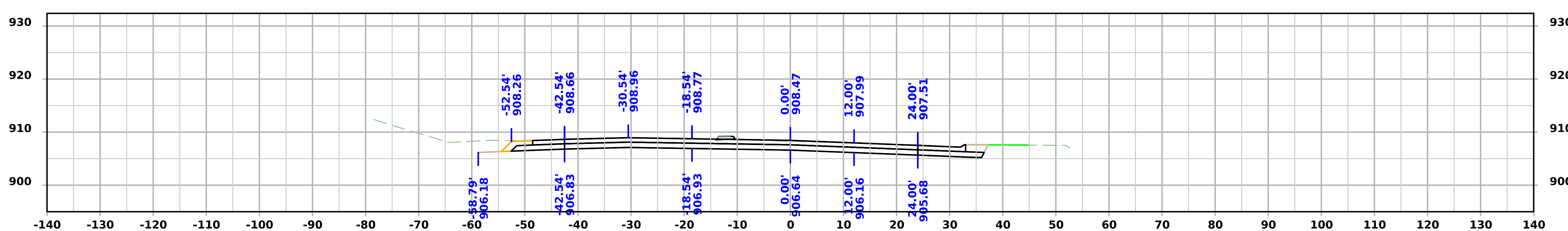
Iowa 9



STA 116+25.00



STA 116+00.00



STA 115+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.26

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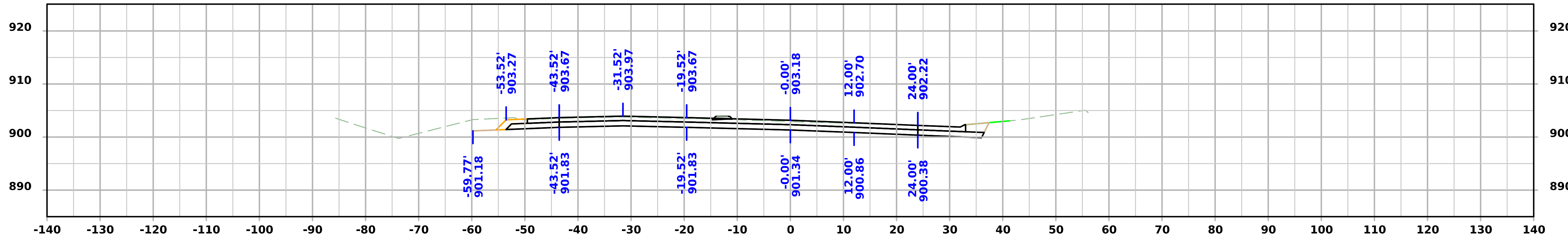
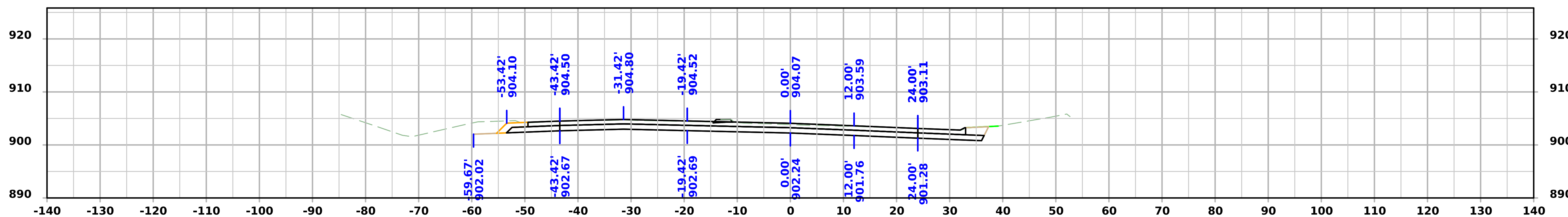
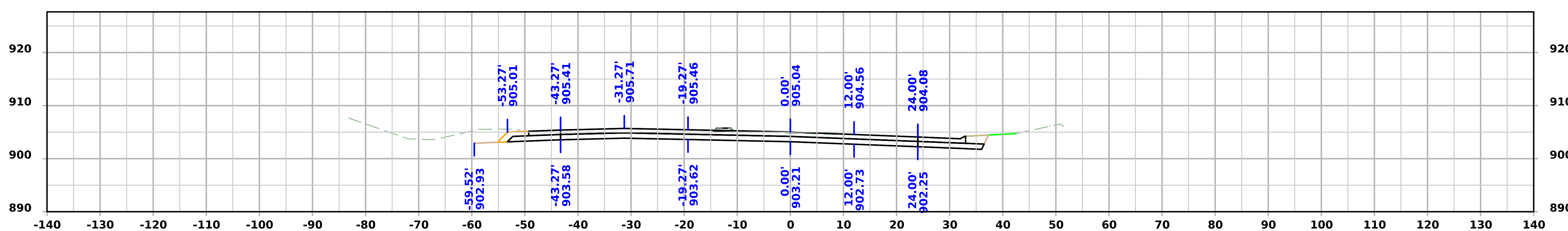
Iowa 9



STA 117+00.00

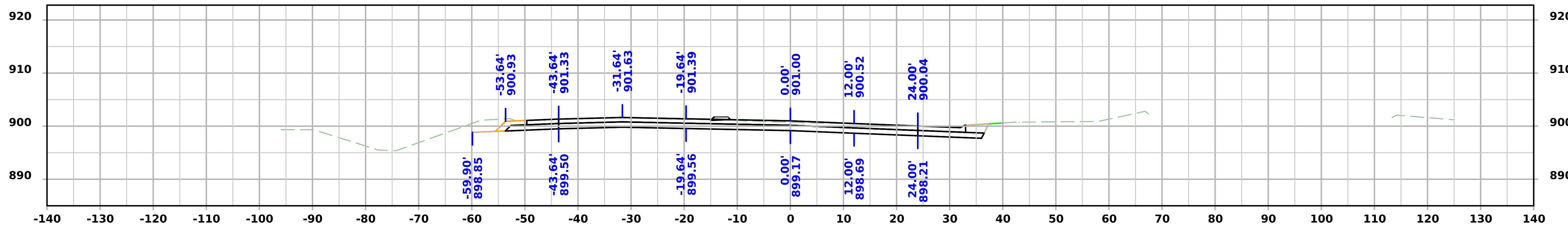


STA 116+75.00

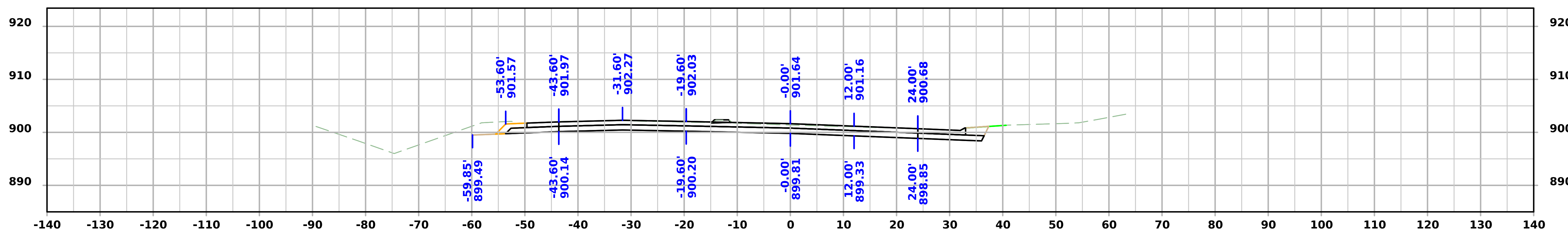


STA 116+50.00

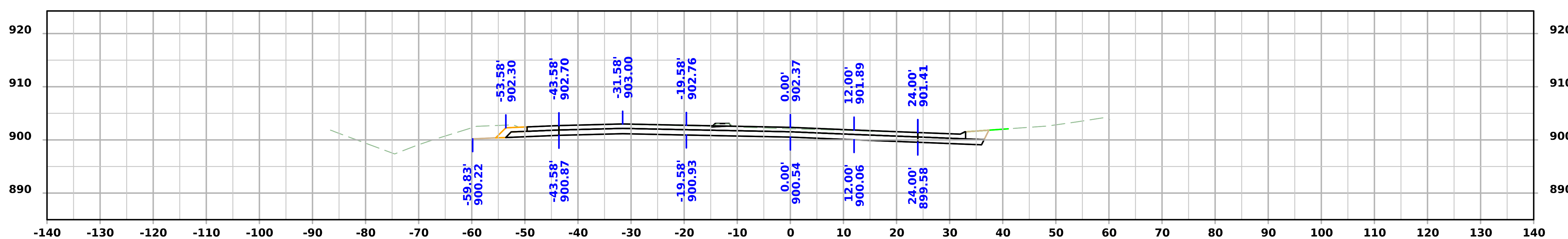
Iowa 9



STA 117+75.00



STA 117+50.00

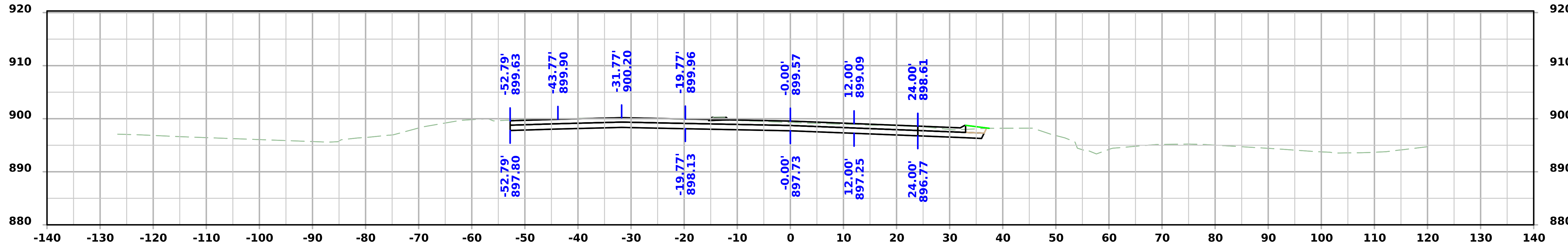


STA 117+25.00

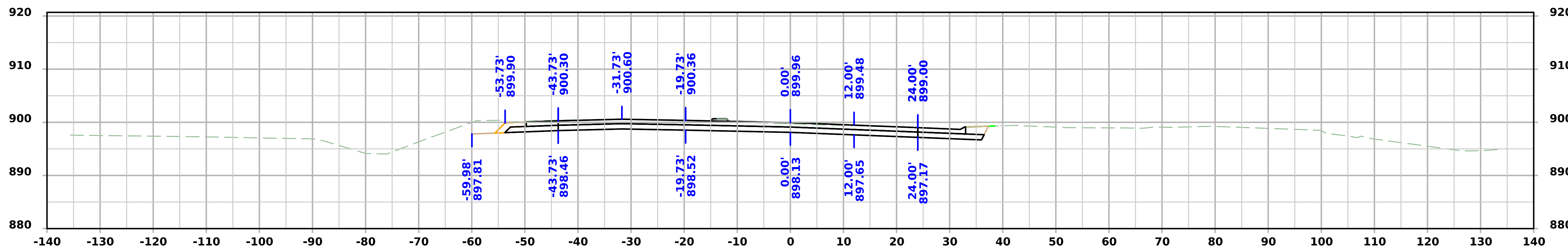
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.28

4:38:25 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

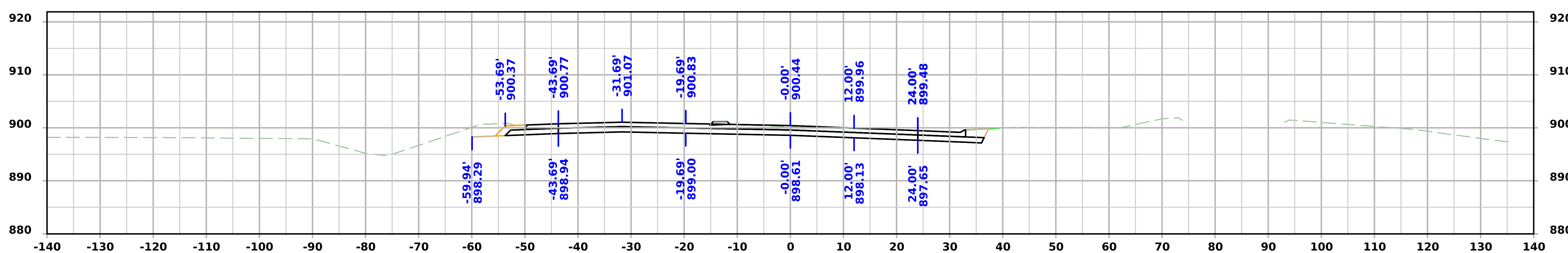
Iowa 9



STA 118+50.00



STA 118+25.00

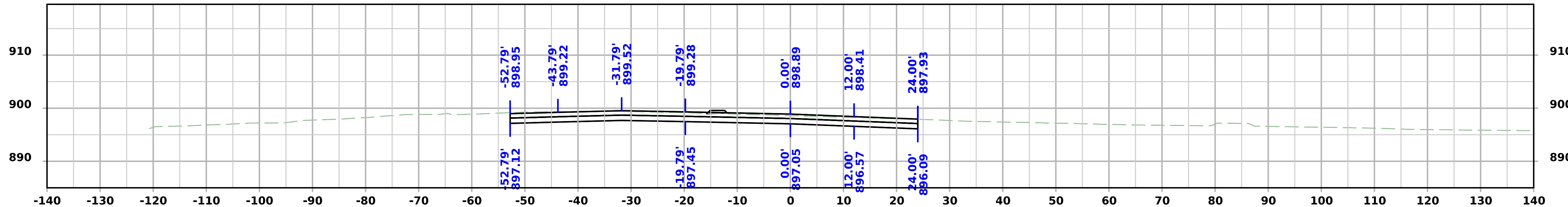


STA 118+00.00

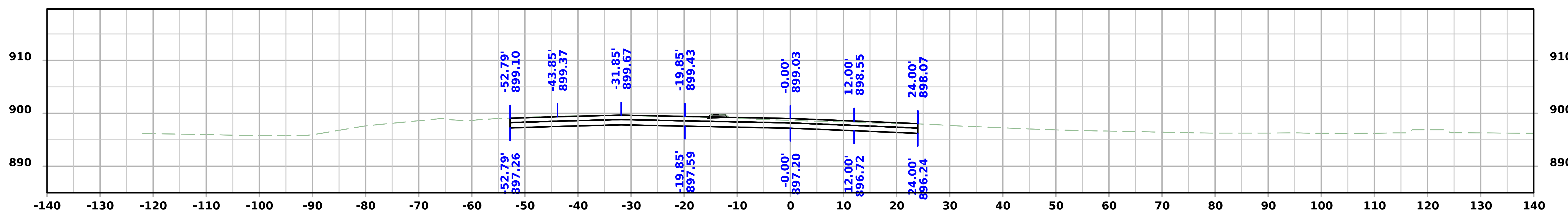
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.29

4:38:27 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

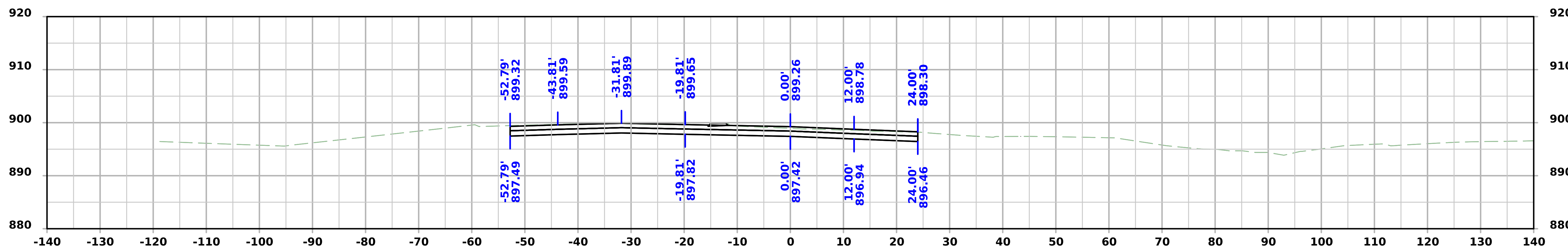
Iowa 9



STA 119+25.00



STA 119+00.00



STA 118+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.30

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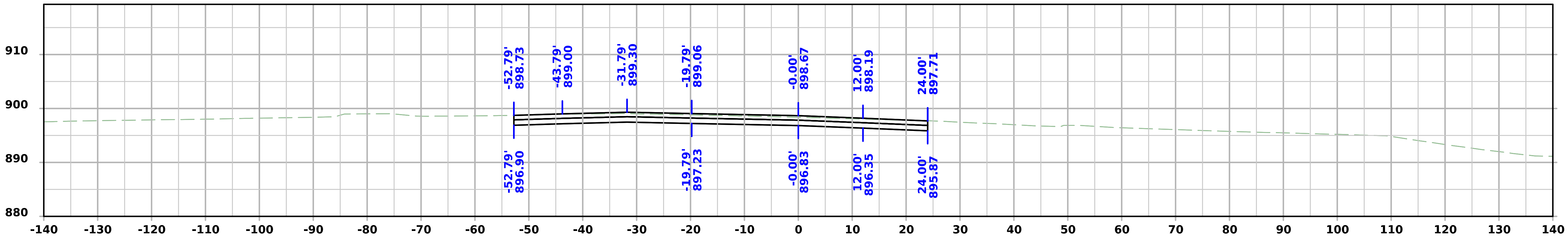
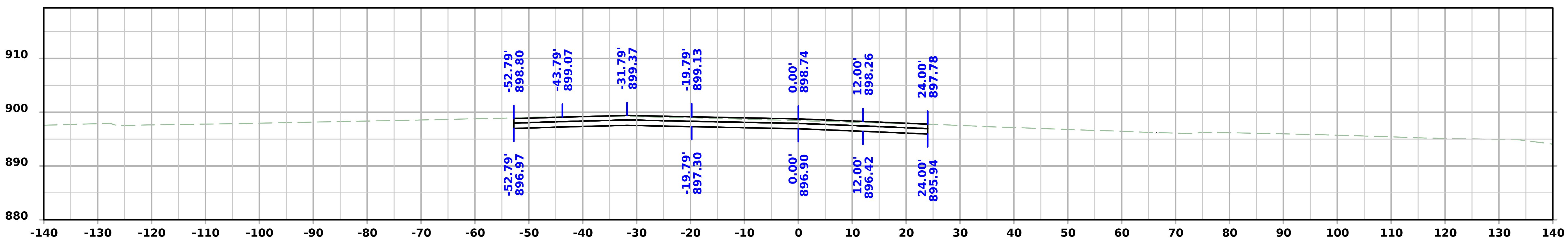
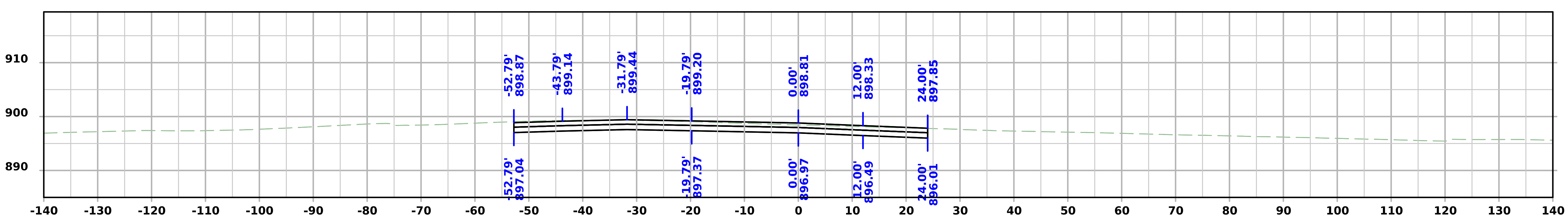
Iowa 9



STA 120+00.00



STA 119+75.00

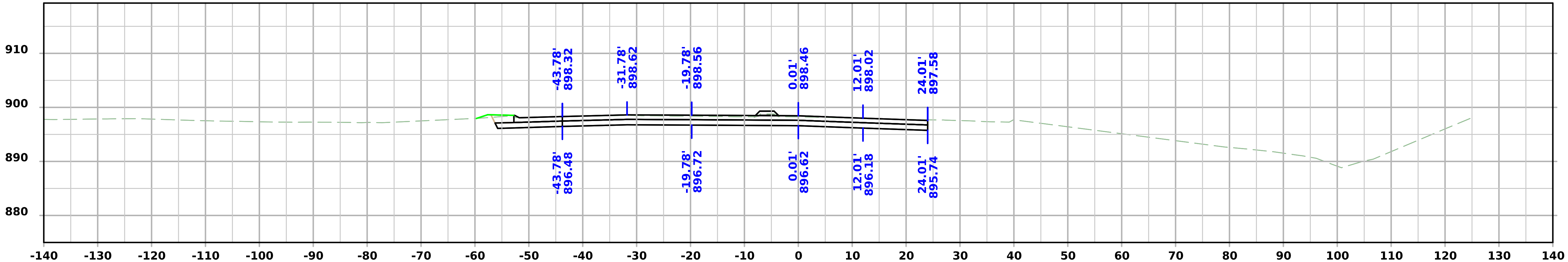


STA 119+50.00

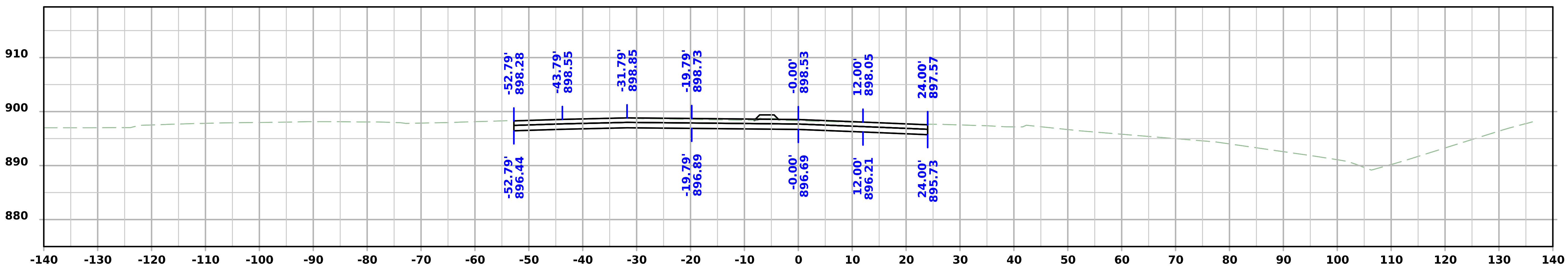
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.31

4:38:30 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

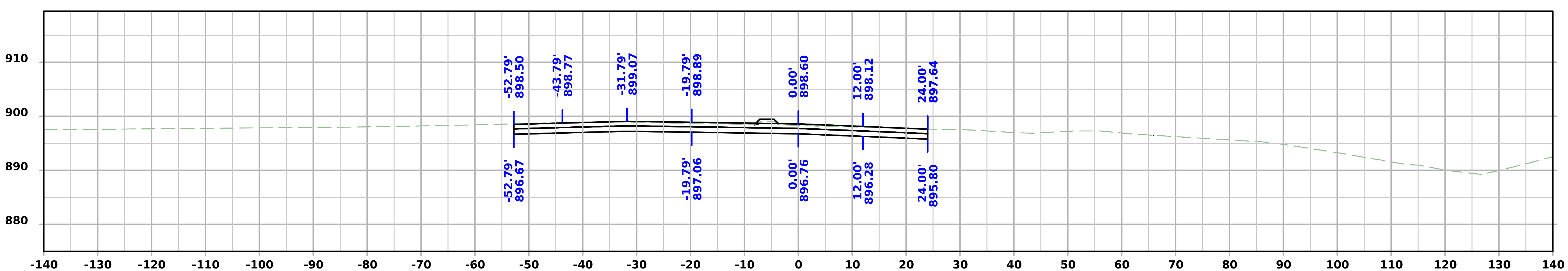
Iowa 9



STA 120+75.00



STA 120+50.00

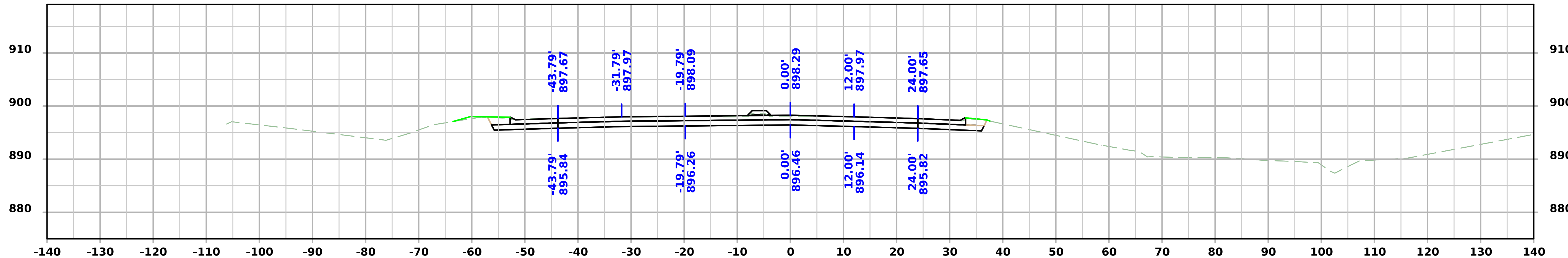


STA 120+25.00

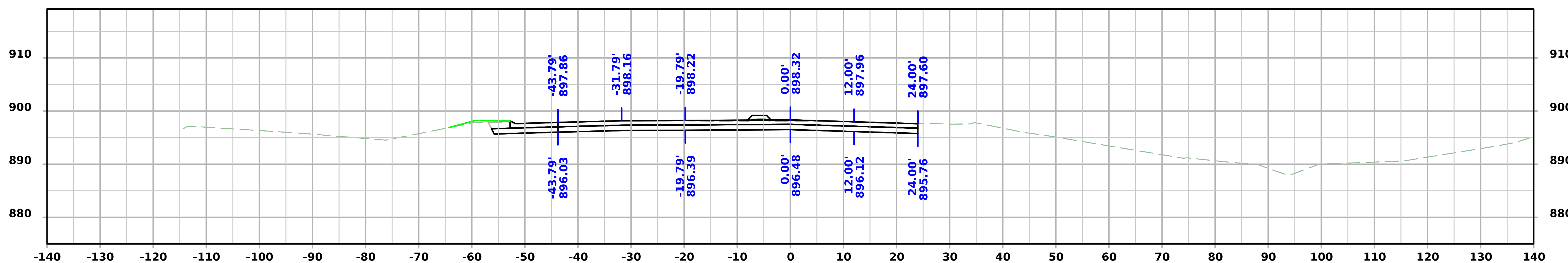
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.32

4:38:31 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

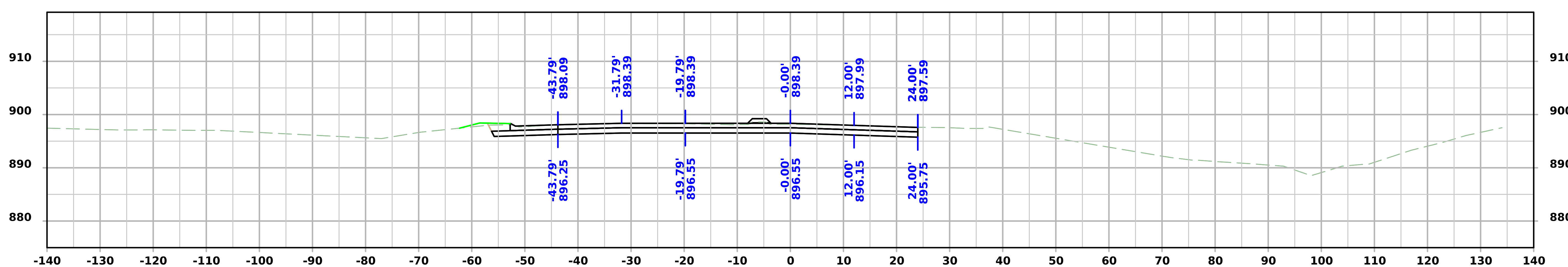
Iowa 9



STA 121+50.00

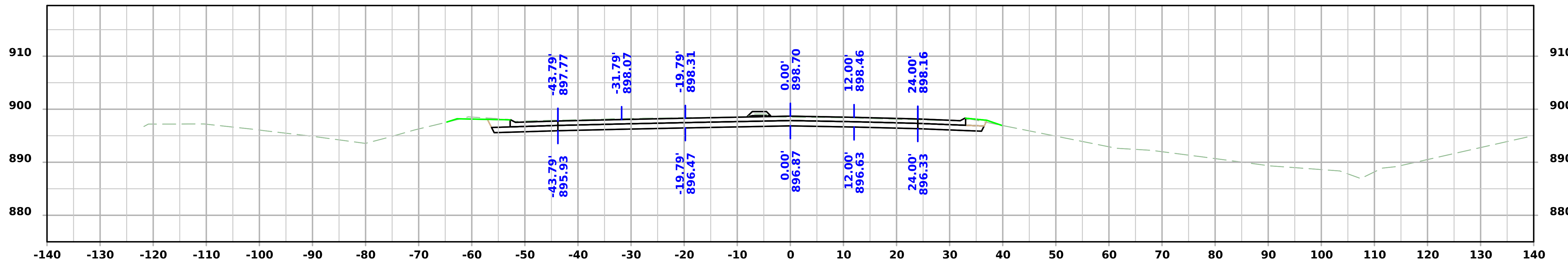


STA 121+25.00

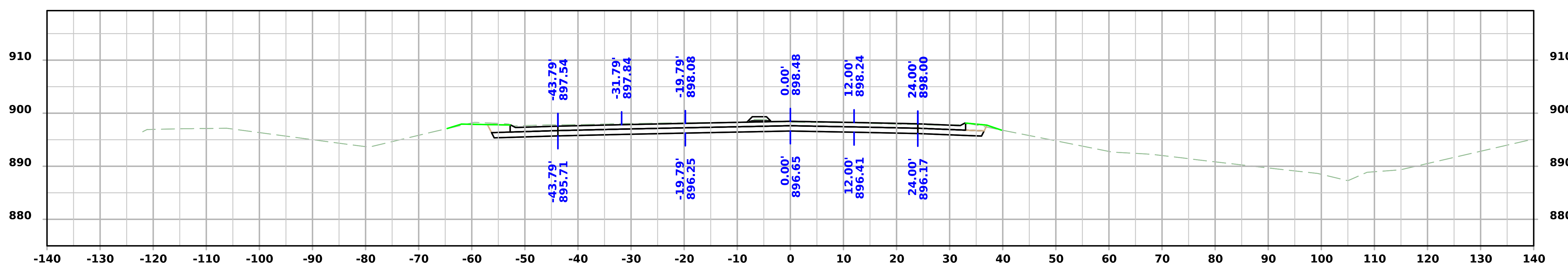


STA 121+00.00

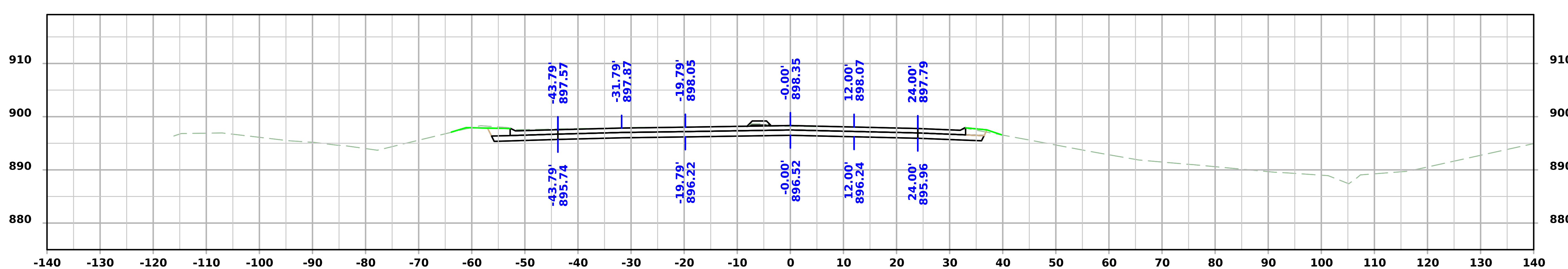
Iowa 9



STA 122+25.00

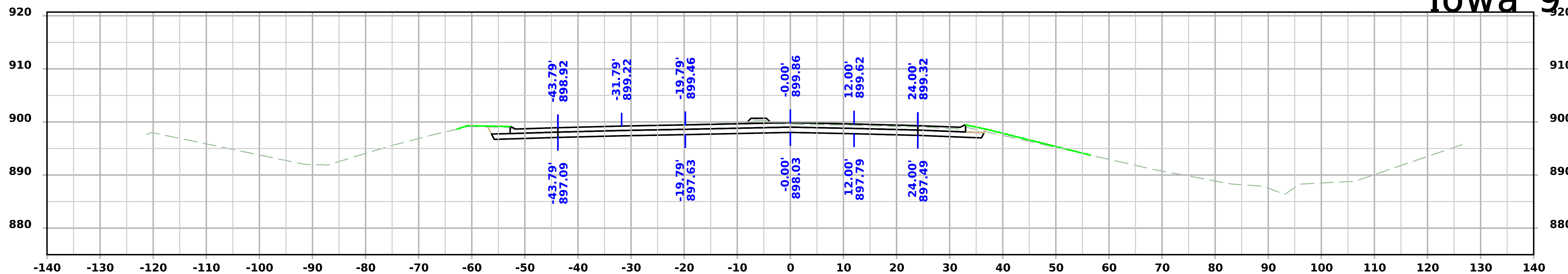


STA 122+00.00

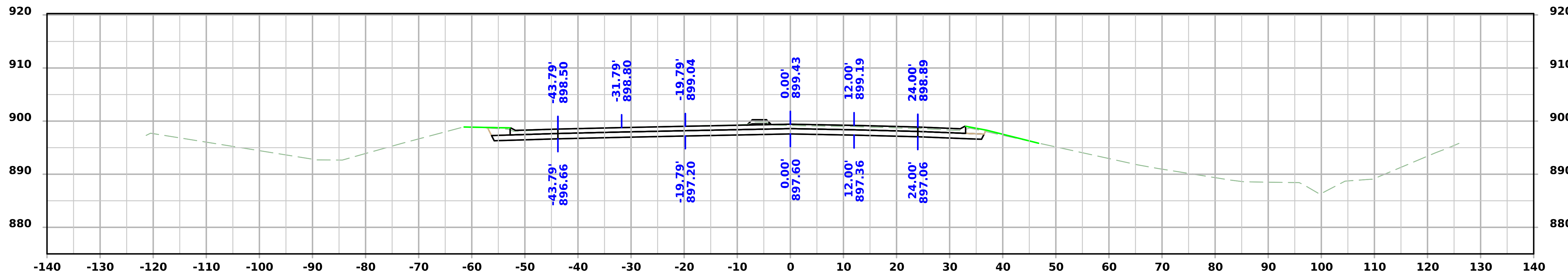


STA 121+75.00

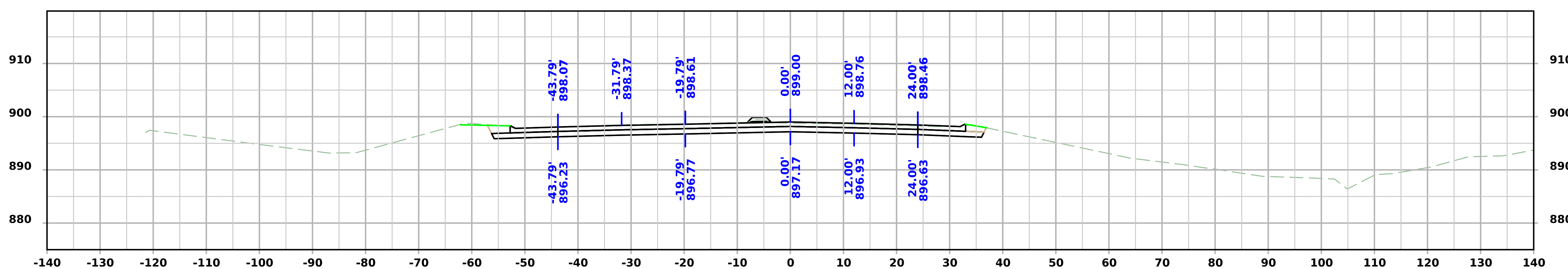
Iowa 9



STA 123+00.00



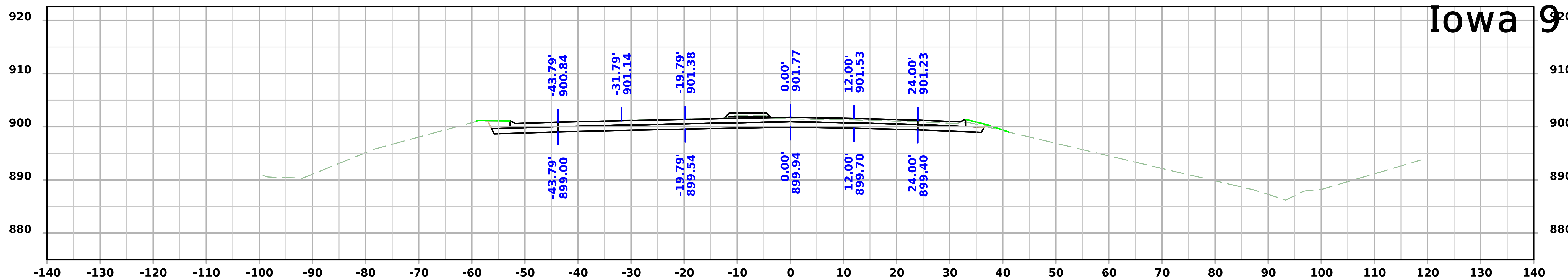
STA 122+75.00



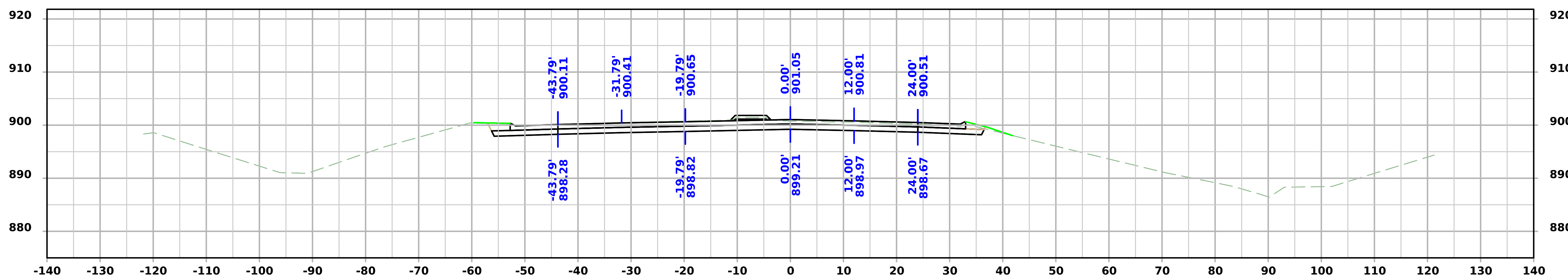
STA 122+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.35

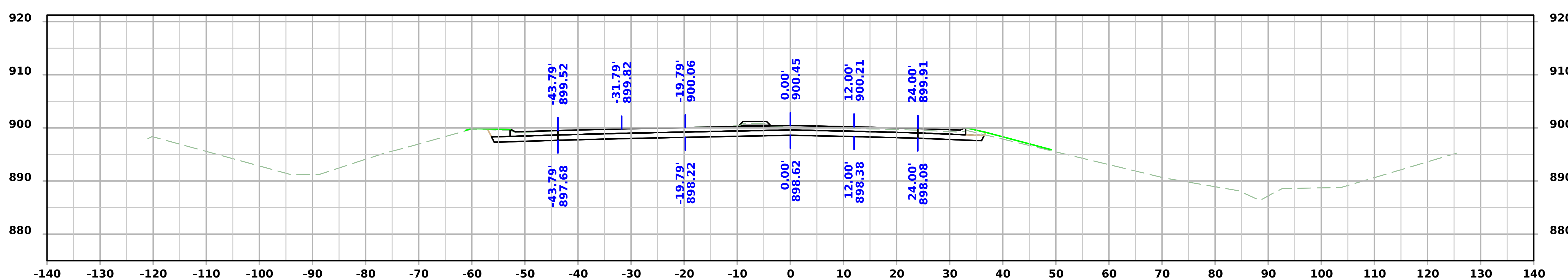
Iowa 9



STA 123+75.00



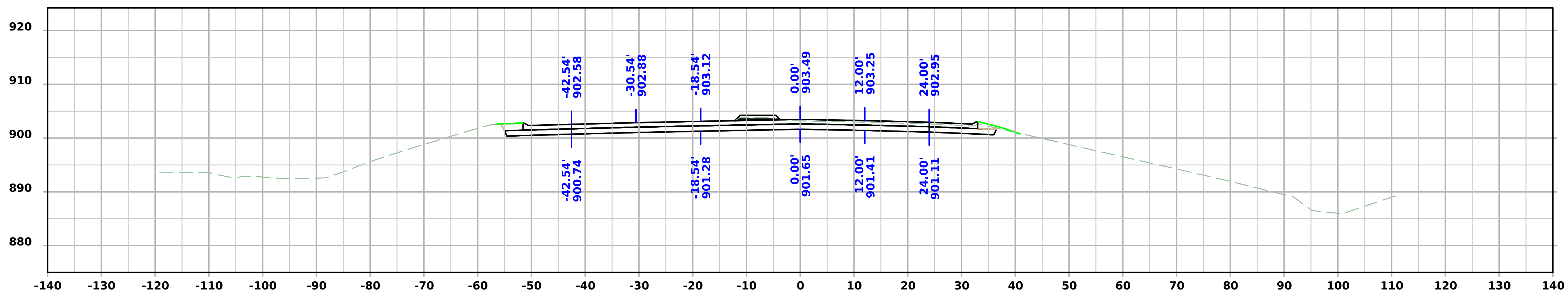
STA 123+50.00



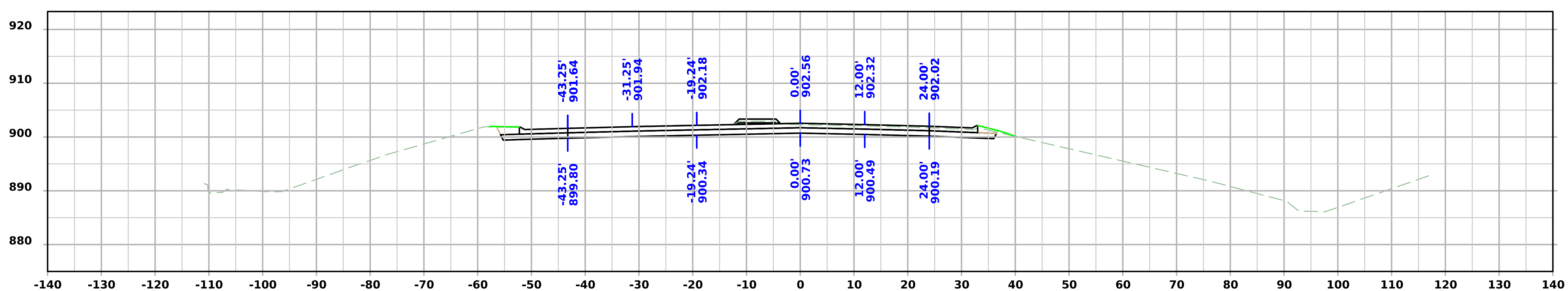
STA 123+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.36

Iowa 9



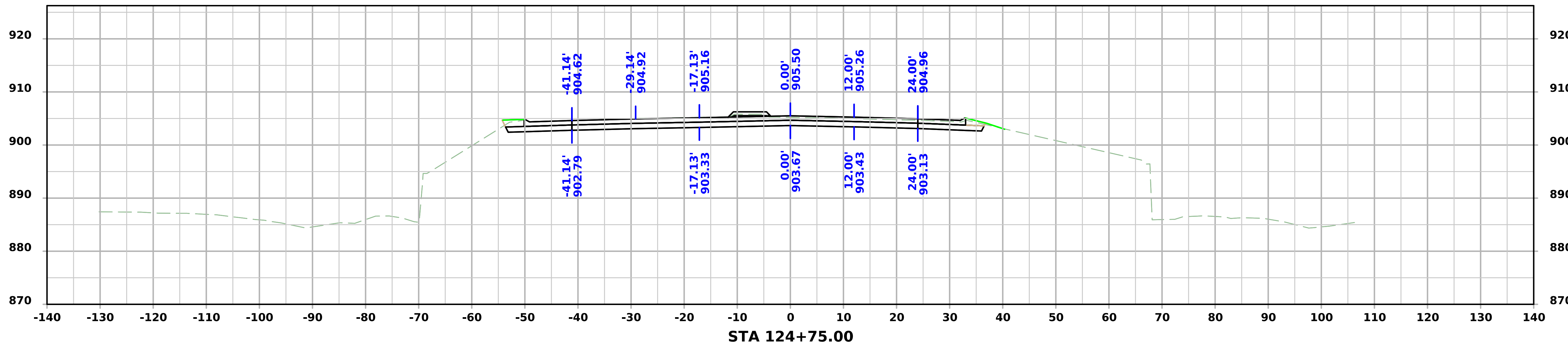
STA 124+25.00

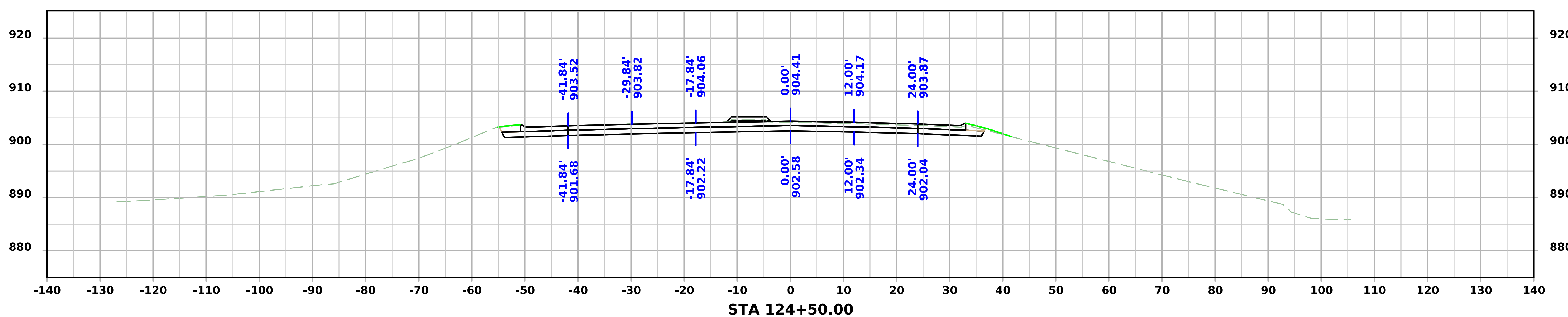


STA 124+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.37

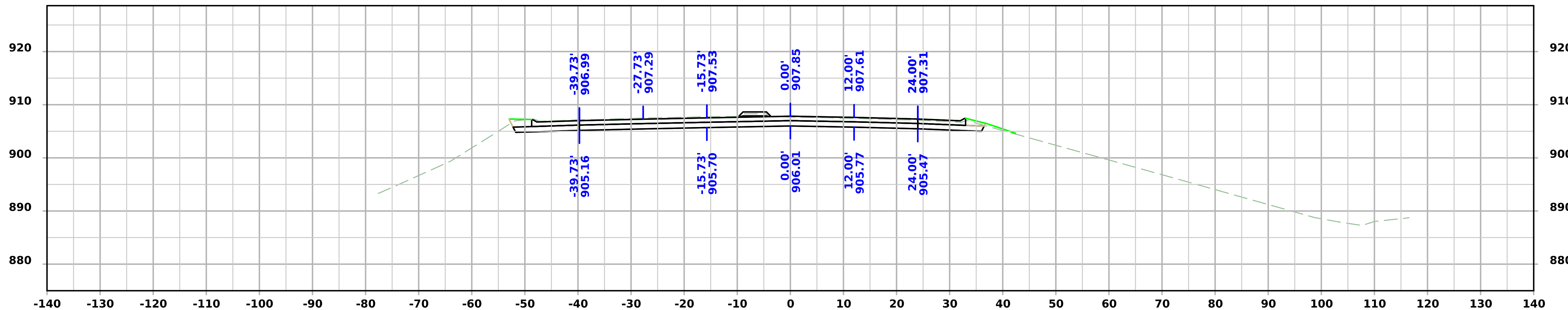
Iowa 9



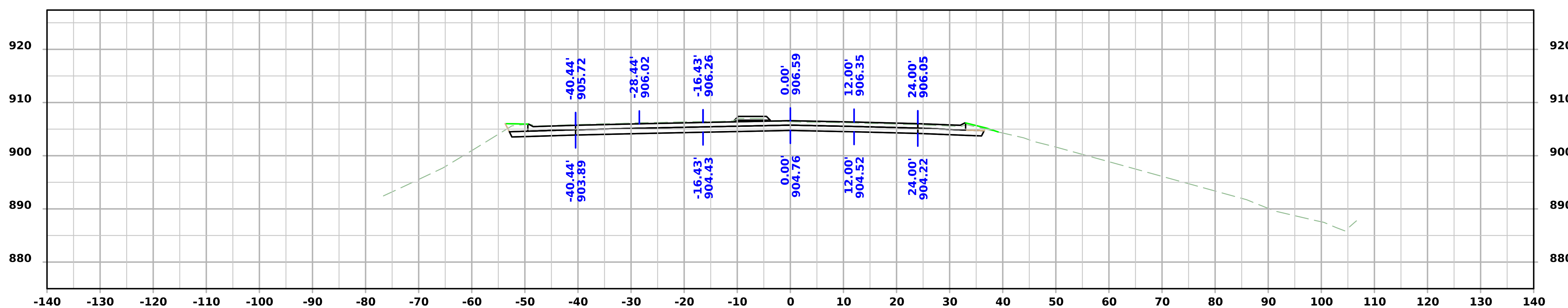


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.38

Iowa 9



STA 125+25.00

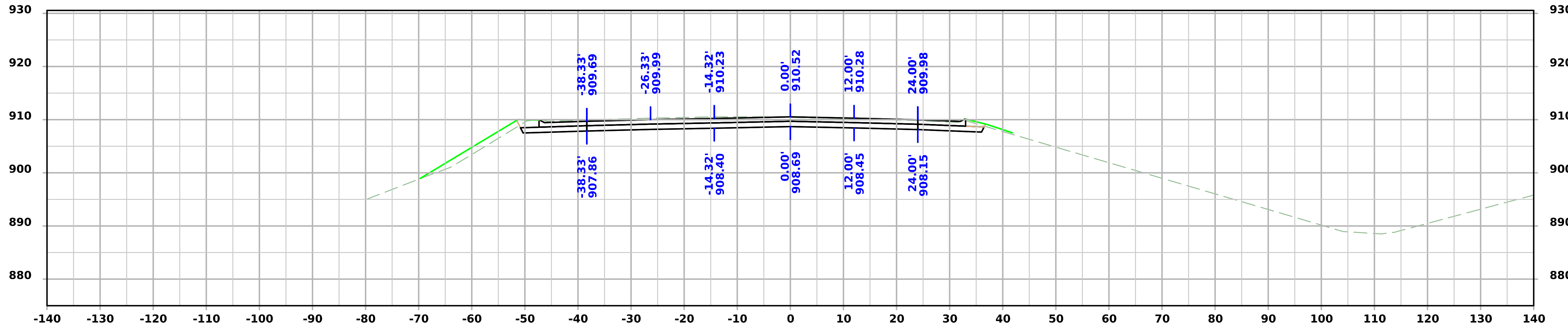


STA 125+00.00

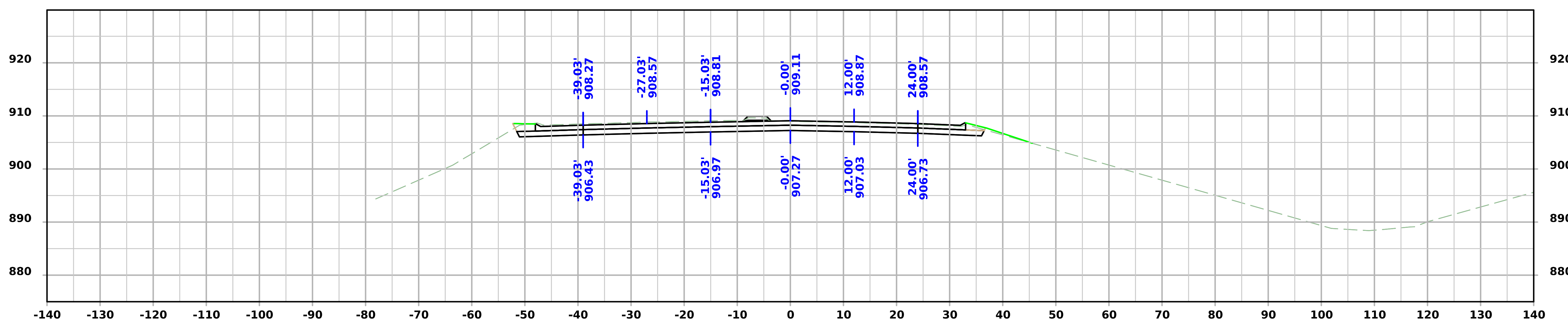
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.39

4:38:41 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 125+75.00

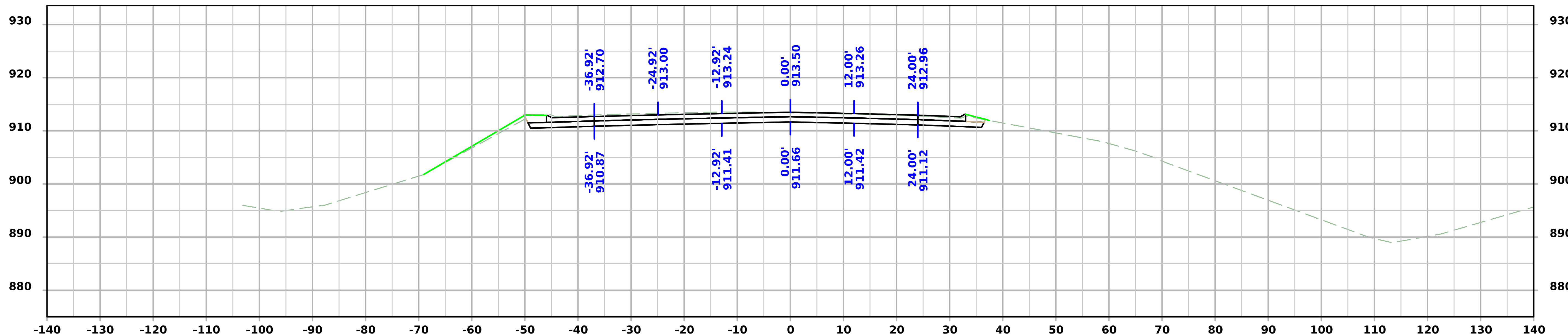


STA 125+50.00

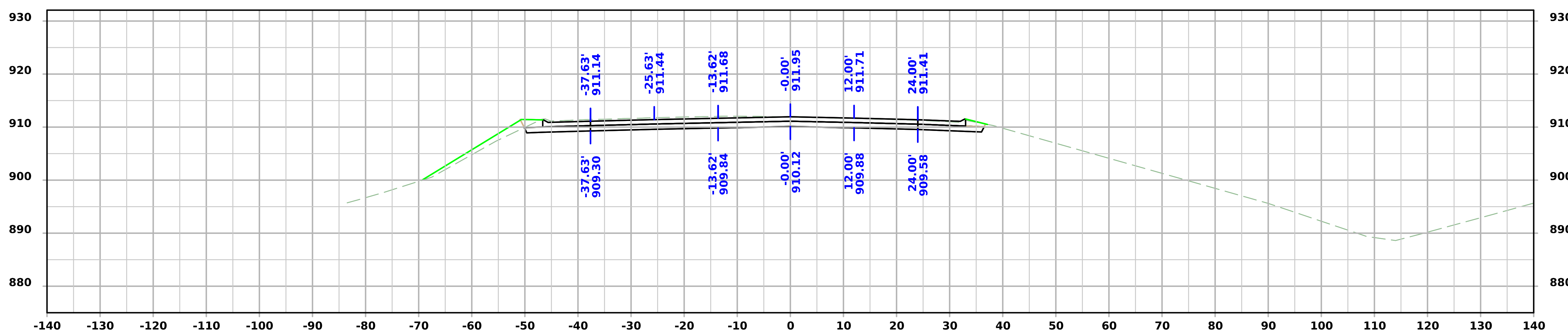
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.40

4:38:42 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9

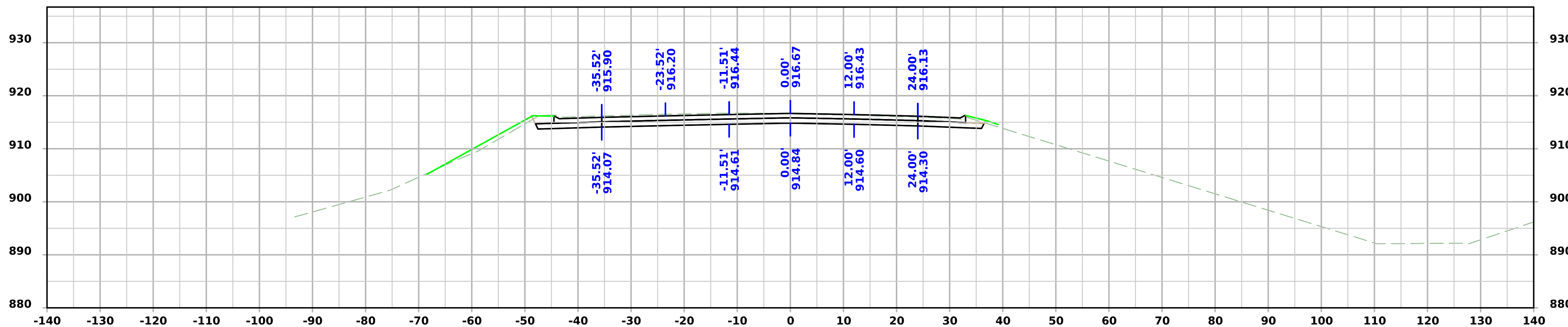


STA 126+25.00

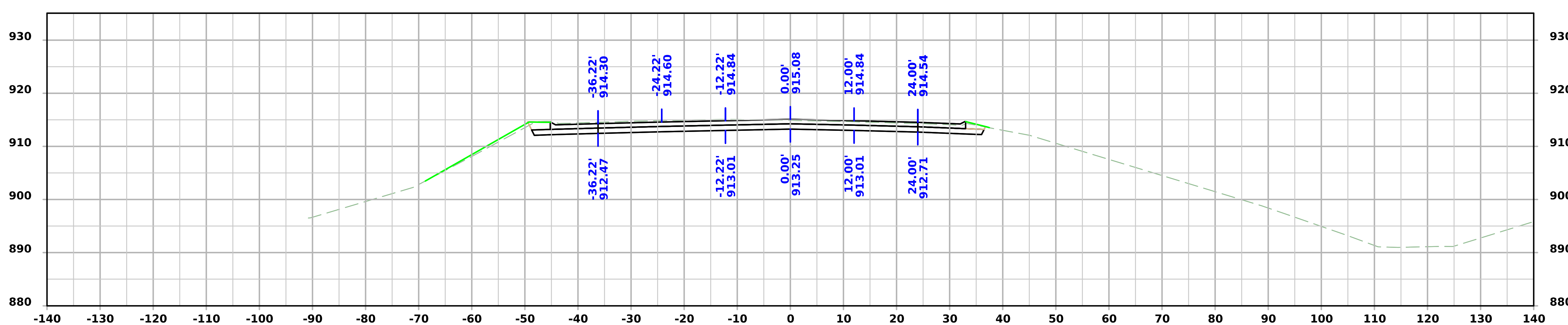


STA 126+00.00

Iowa 9

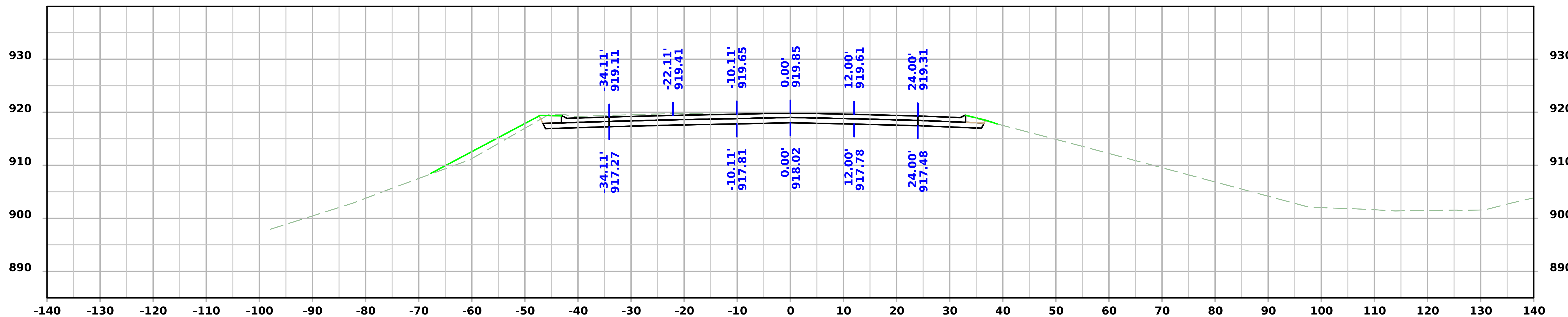


STA 126+75.00

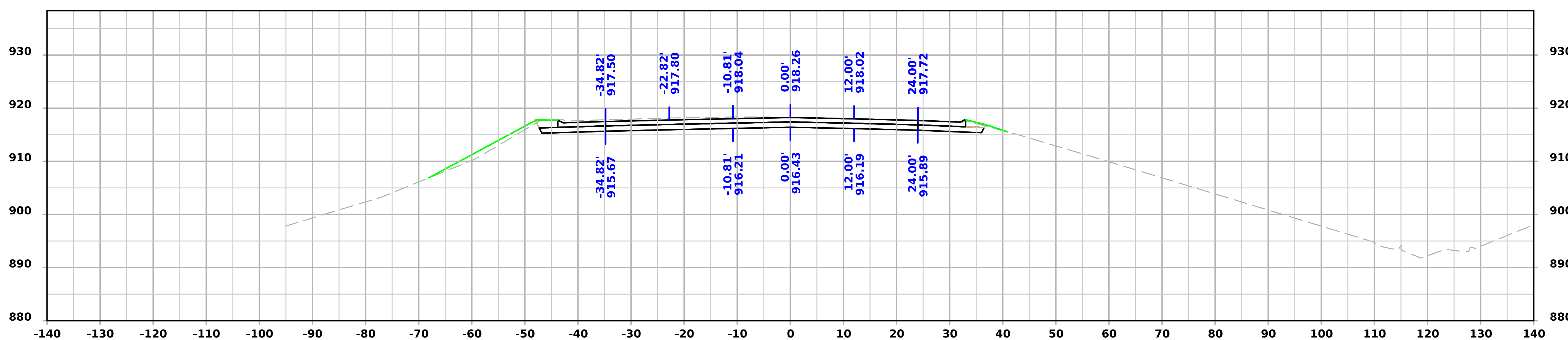


STA 126+50.00

Iowa 9



STA 127+25.00

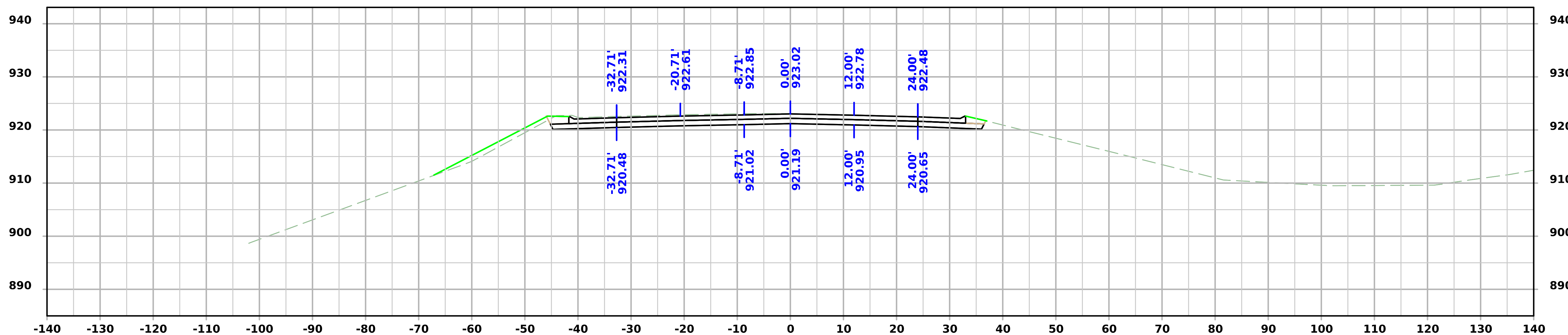


STA 127+00.00

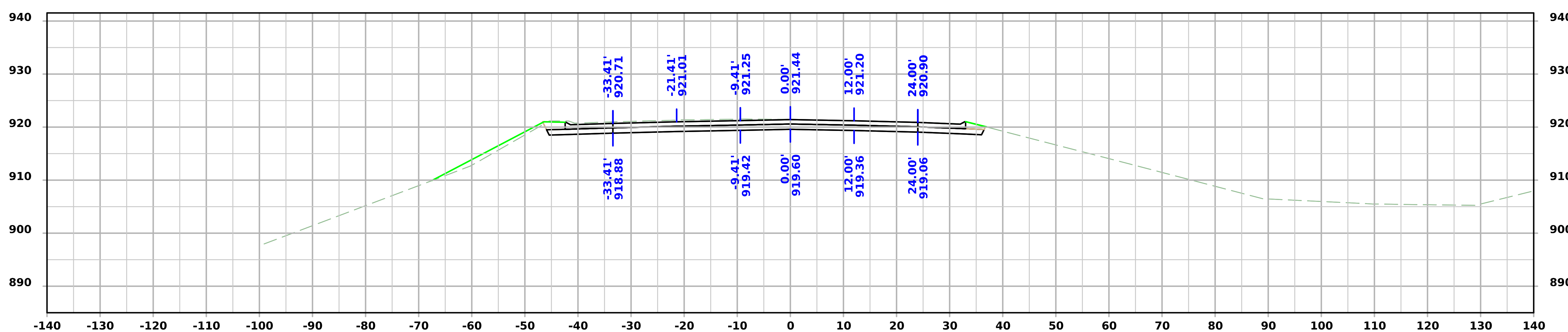
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.43

4:38:45 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9

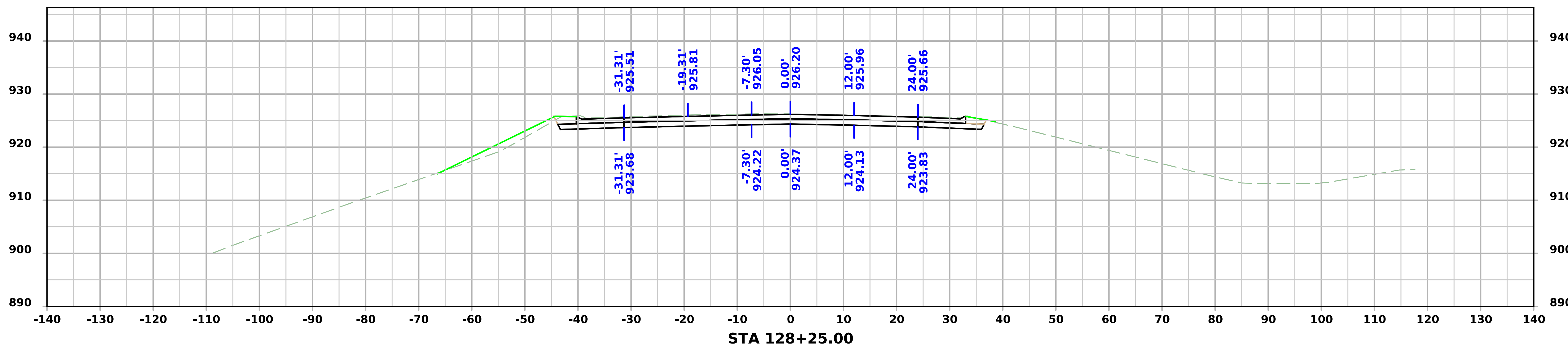


STA 127+75.00

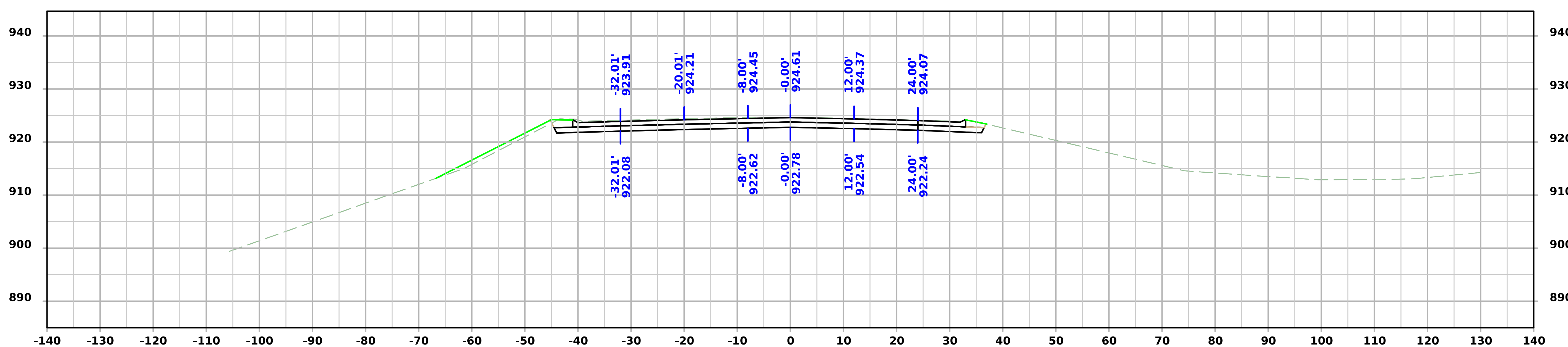


STA 127+50.00

Iowa 9



STA 128+25.00

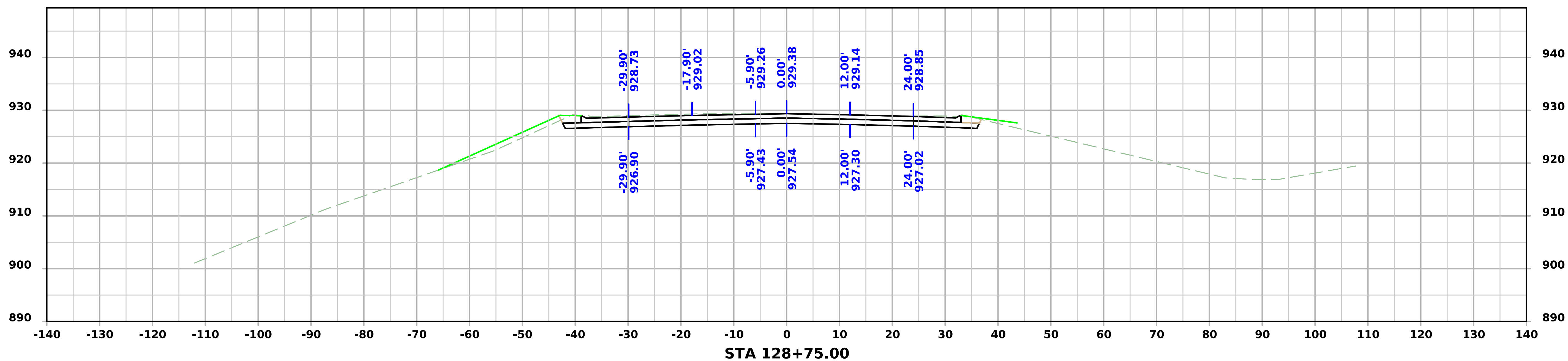


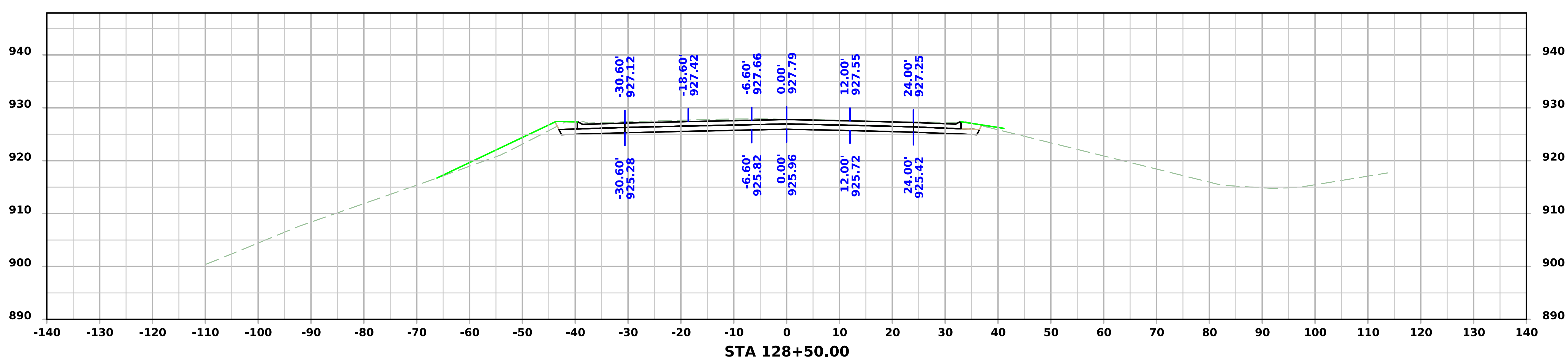
STA 128+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.45

4:38:48 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9

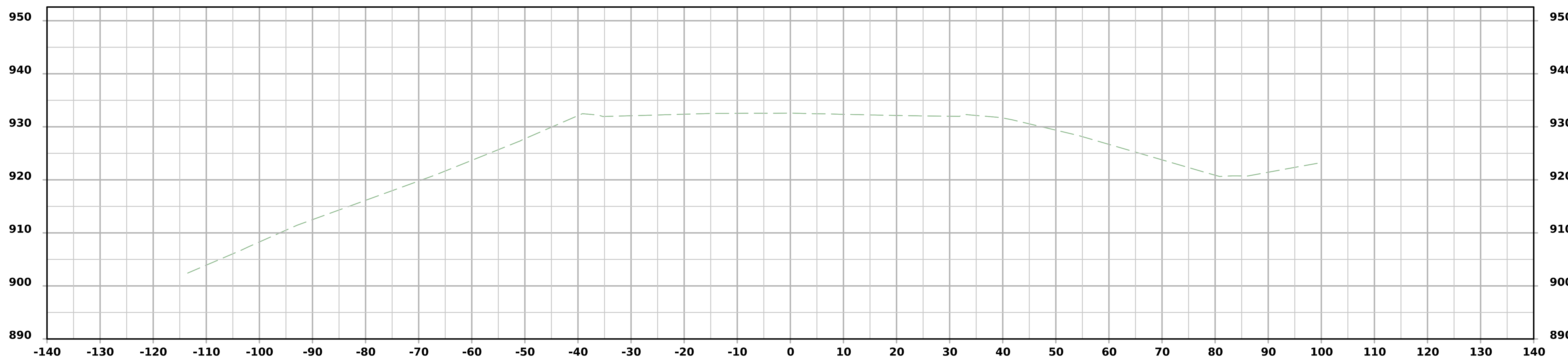




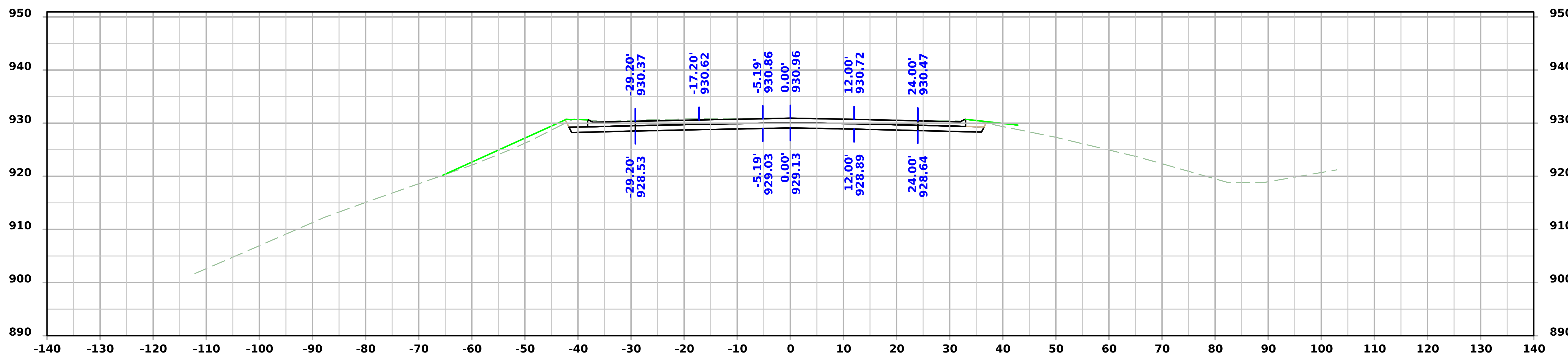
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.46

4:38:49 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 129+25.00

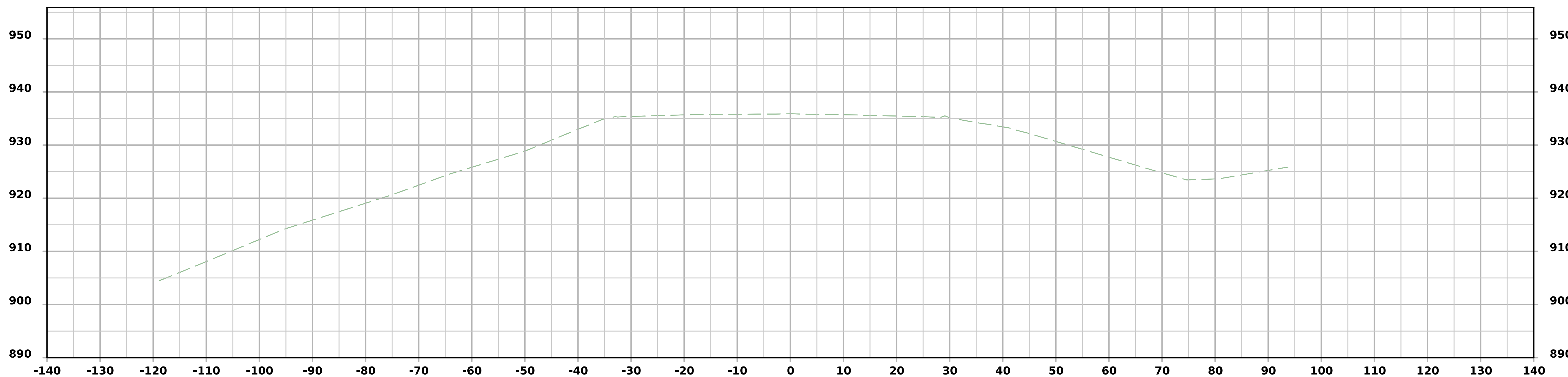


STA 129+00.00

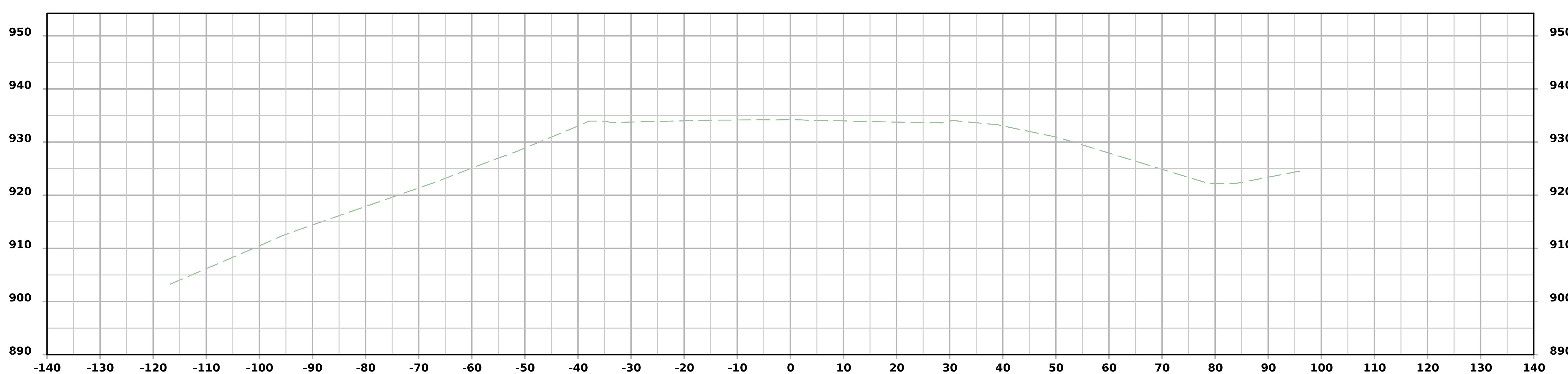
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.47

4:38:50 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 129+75.00

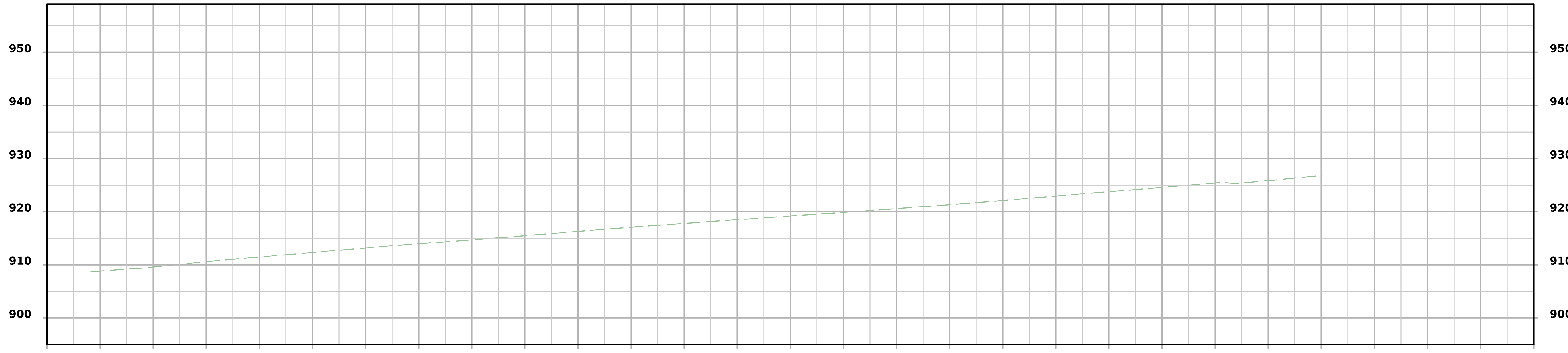


STA 129+50.00

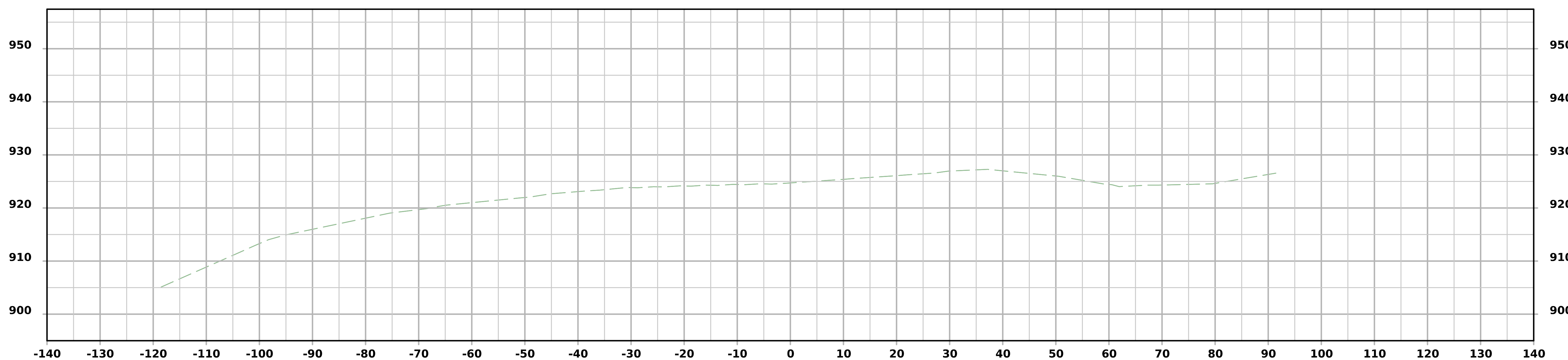
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.48

4:38:51 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 130+25.00

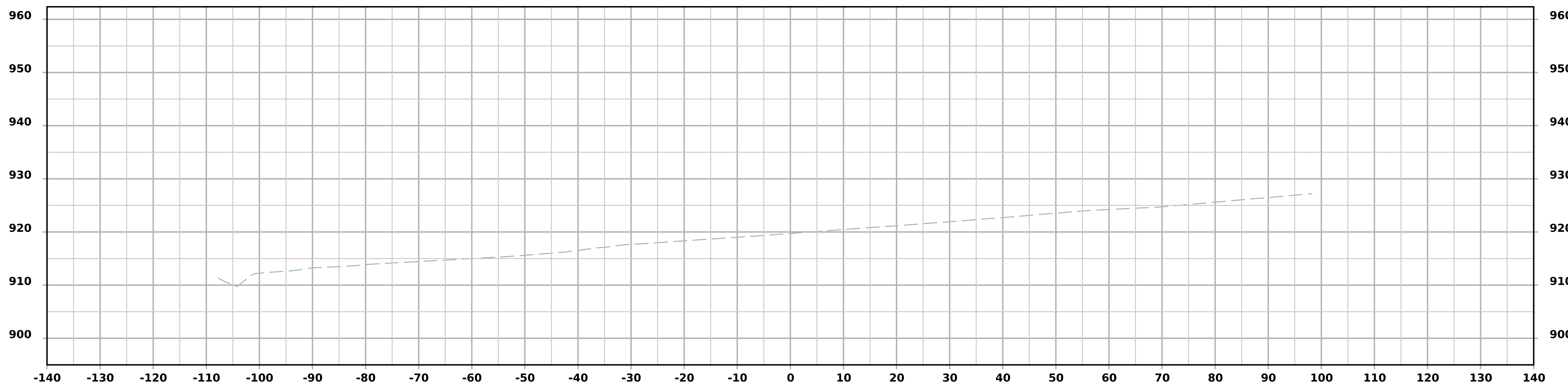


STA 130+00.00

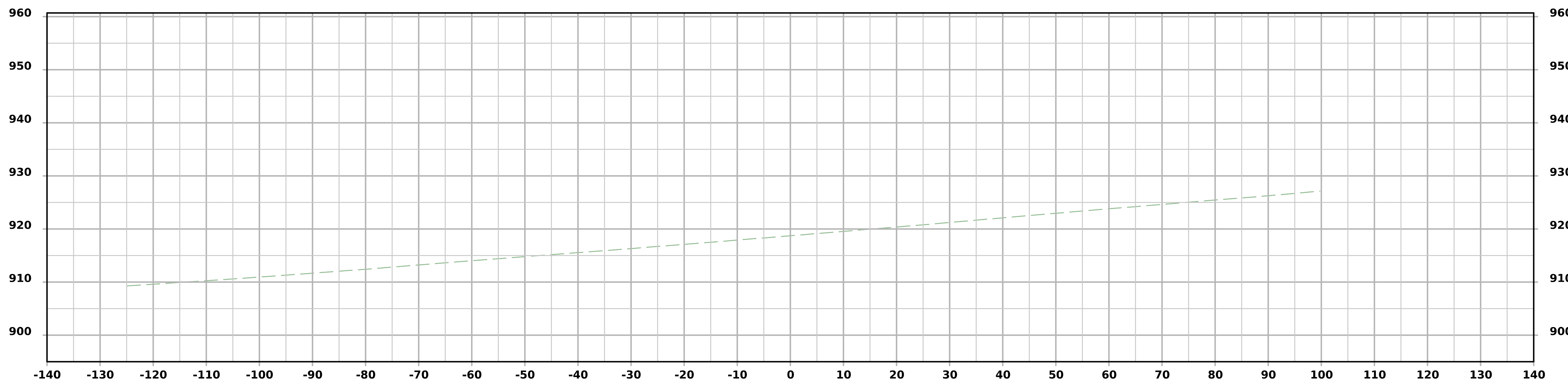
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.49

4:38:52 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 130+75.00

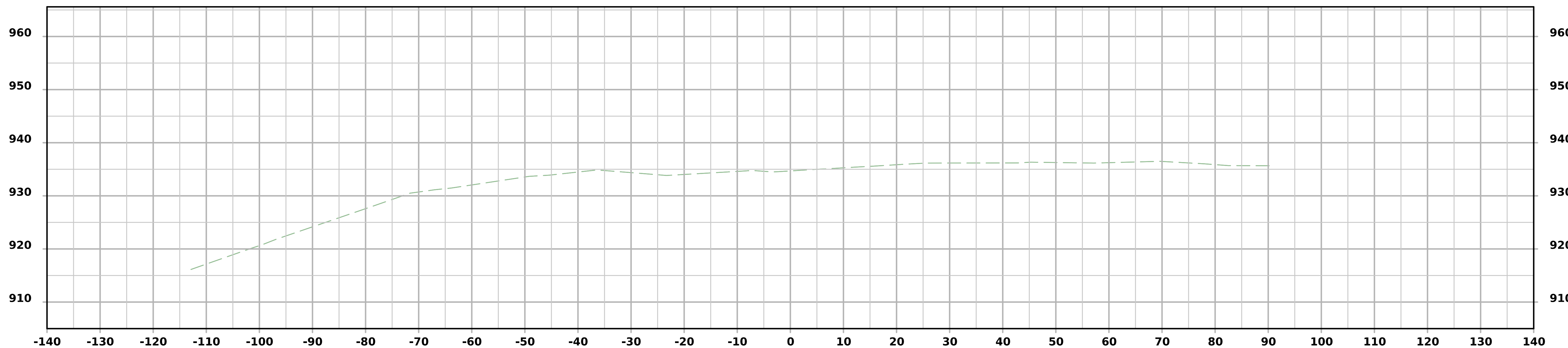


STA 130+50.00

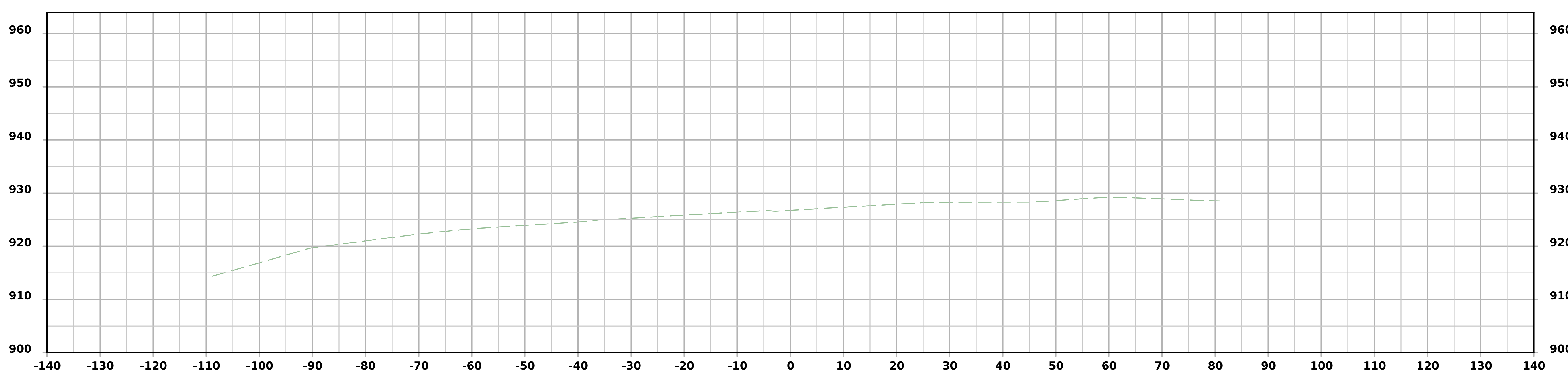
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.50

4:38:53 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



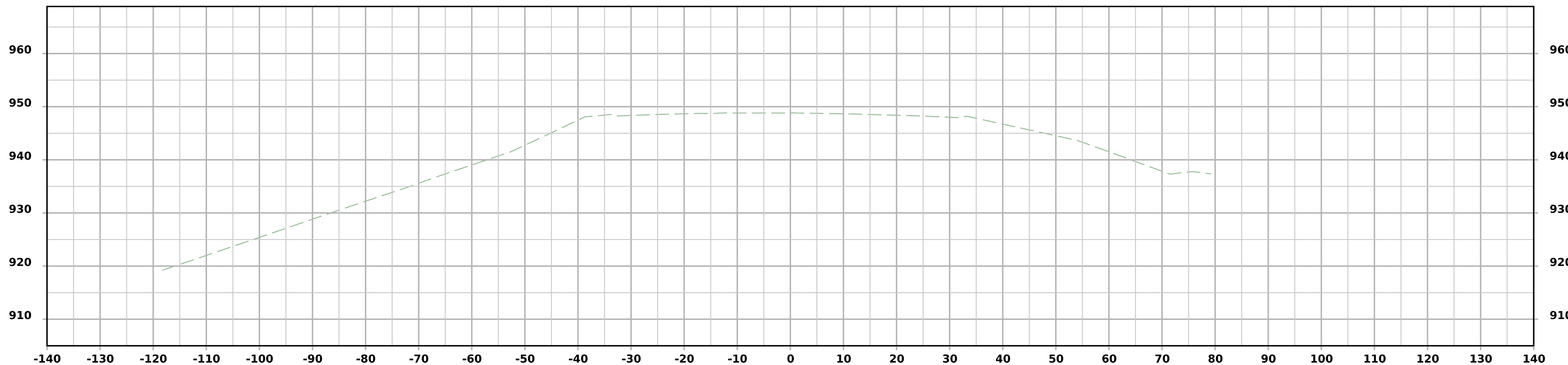
STA 131+25.00



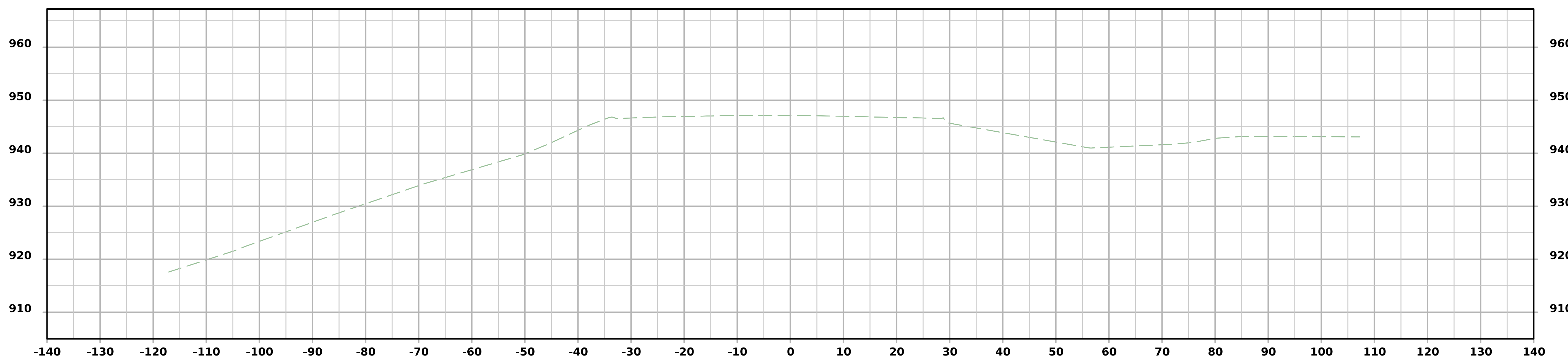
STA 131+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.51

Iowa 9



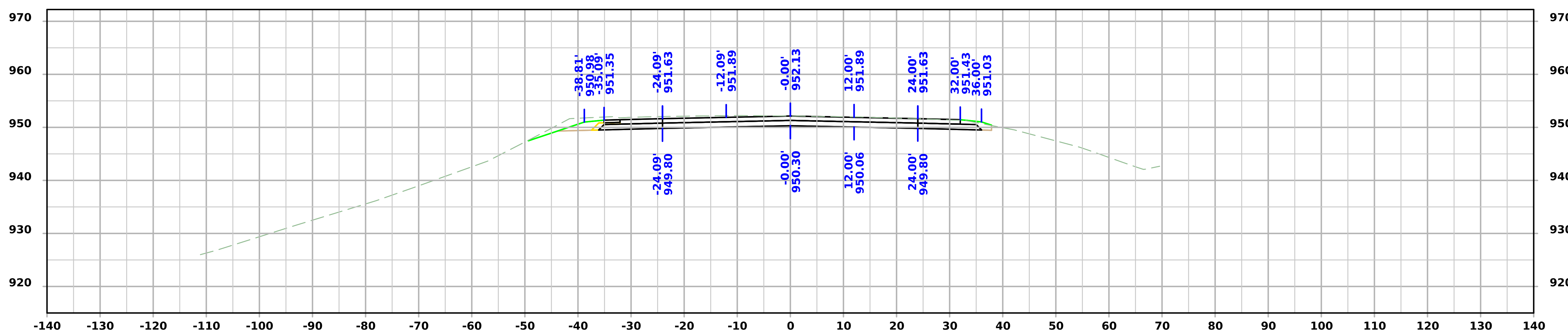
STA 131+75.00



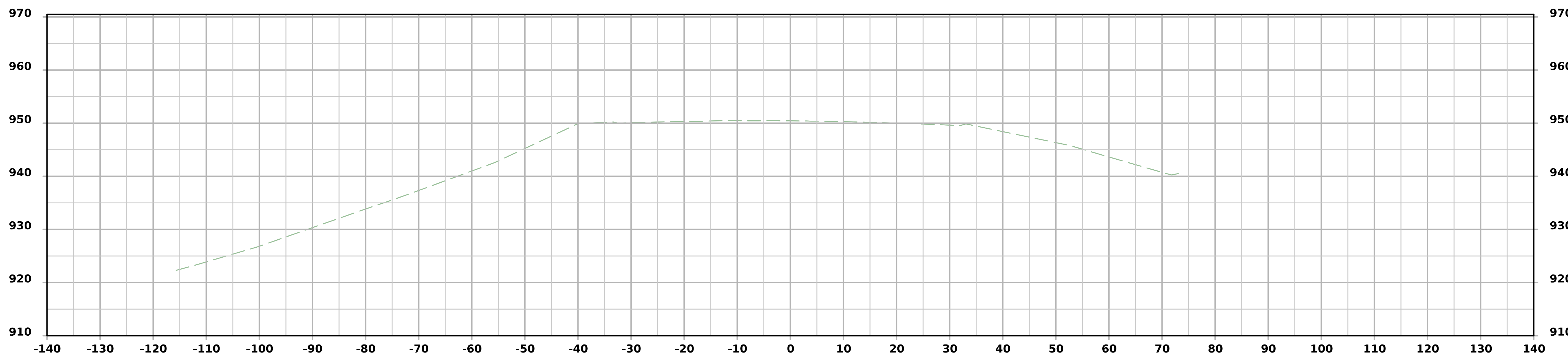
STA 131+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.52

Iowa 9



STA 132+25.00

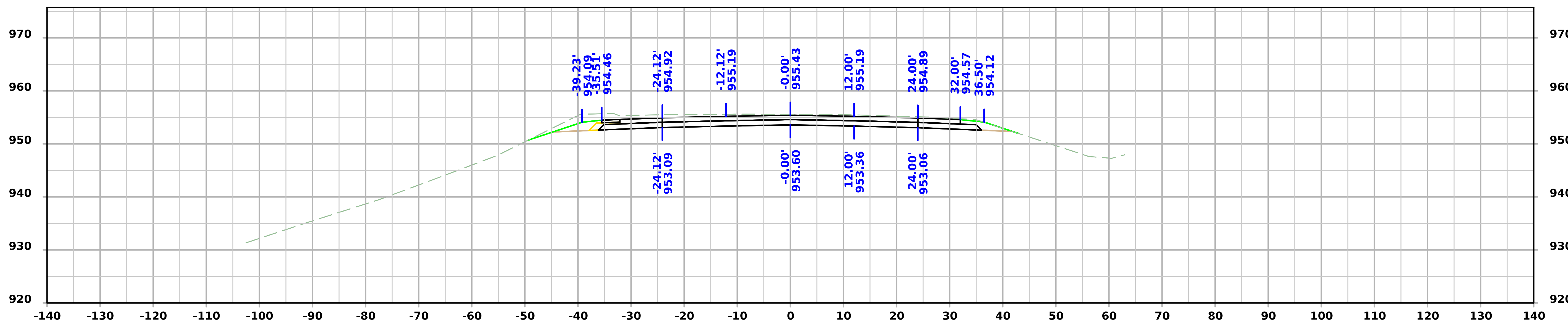


STA 132+00.00

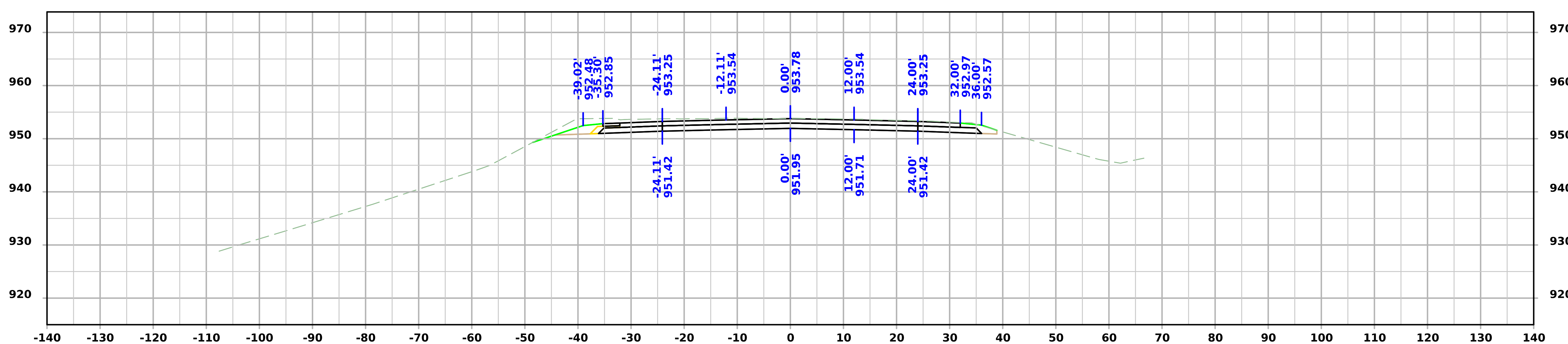
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.53

4:38:56 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



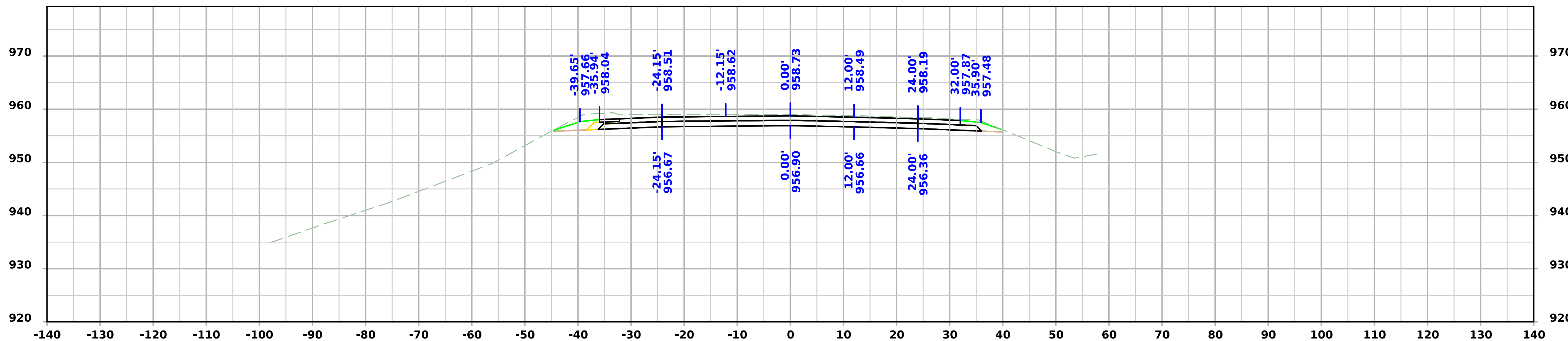
STA 132+75.00



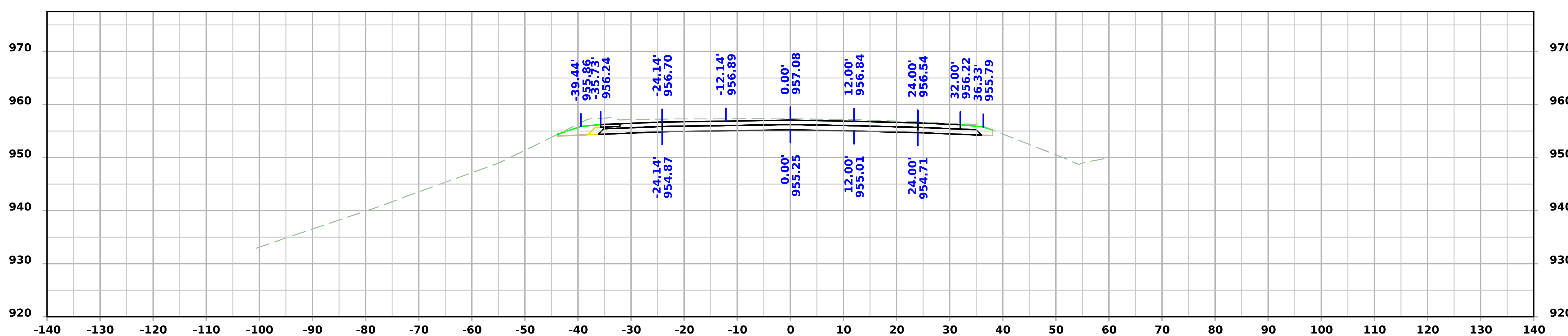
STA 132+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.54

Iowa 9



STA 133+25.00

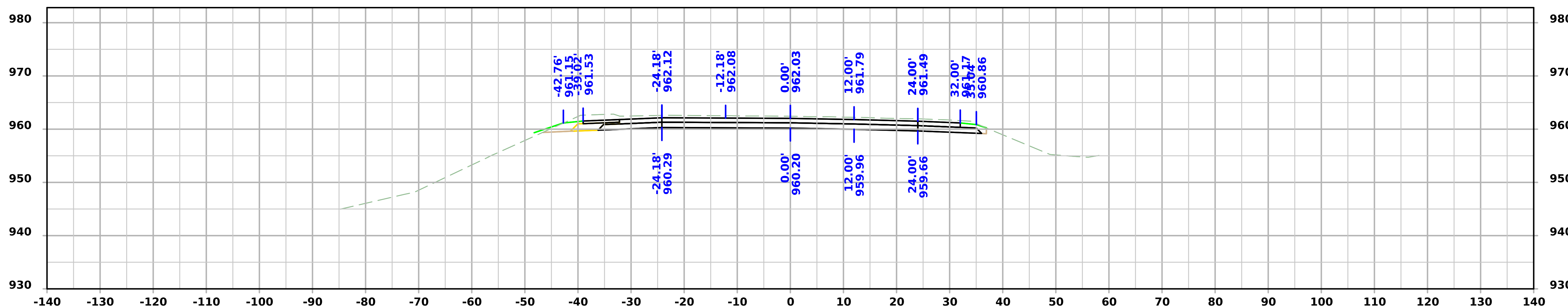


STA 133+00.00

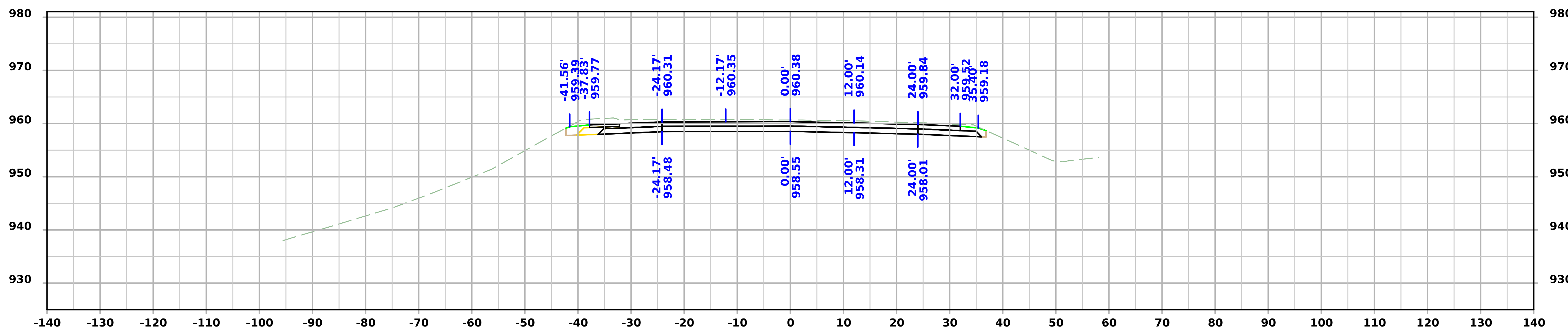
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.55

4:38:58 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9

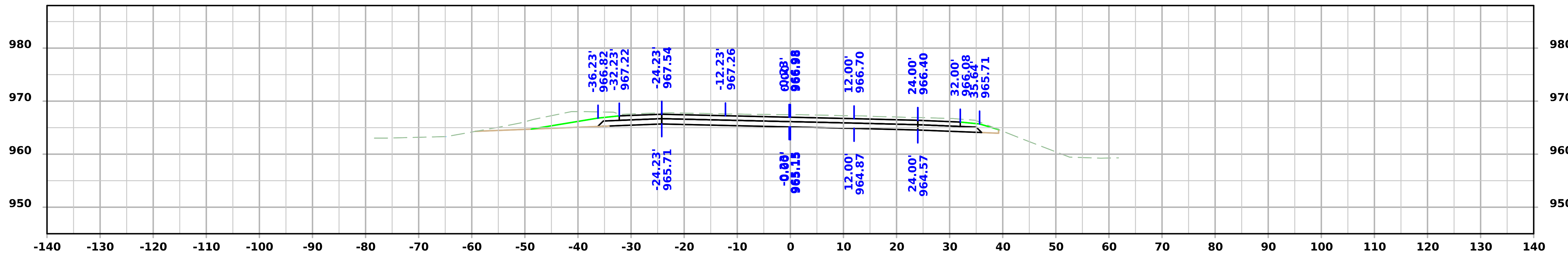


STA 133+75.00

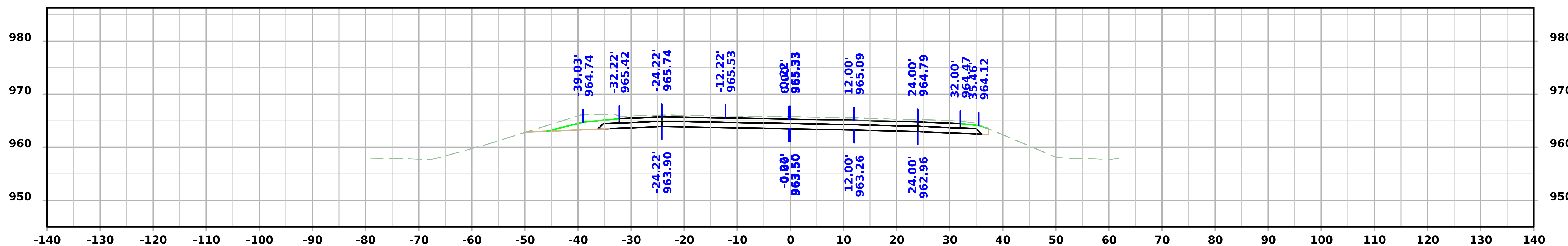


STA 133+50.00

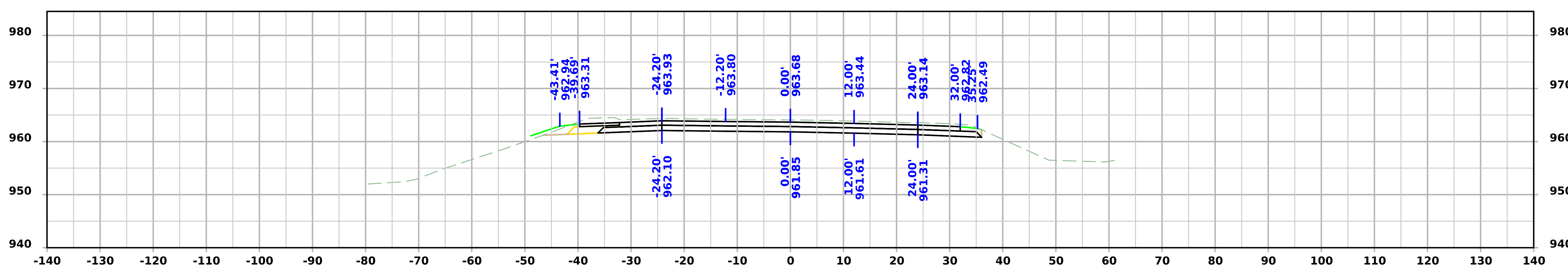
Iowa 9



STA 134+50.00



STA 134+25.00

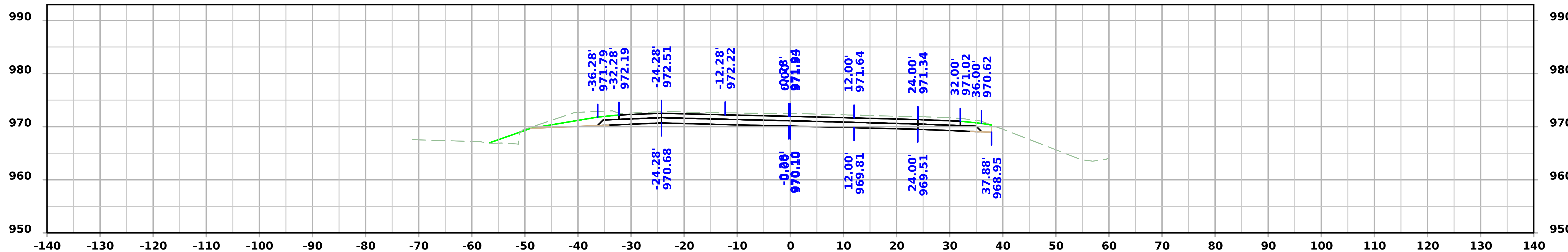


STA 134+00.00

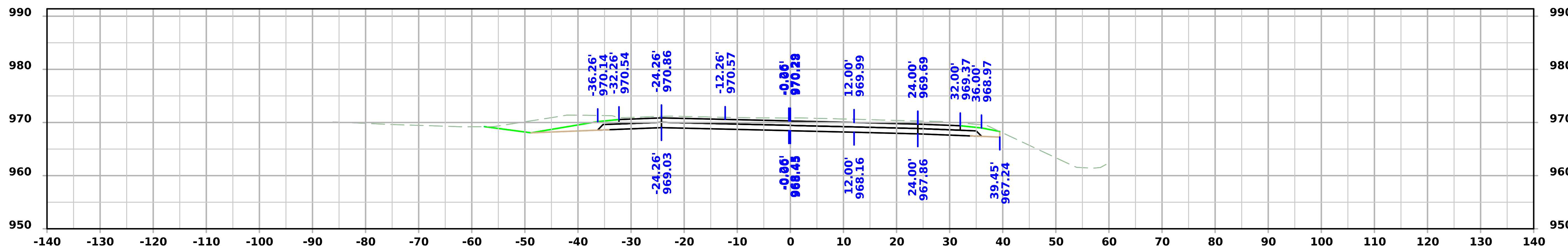
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.57

4:39:01 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

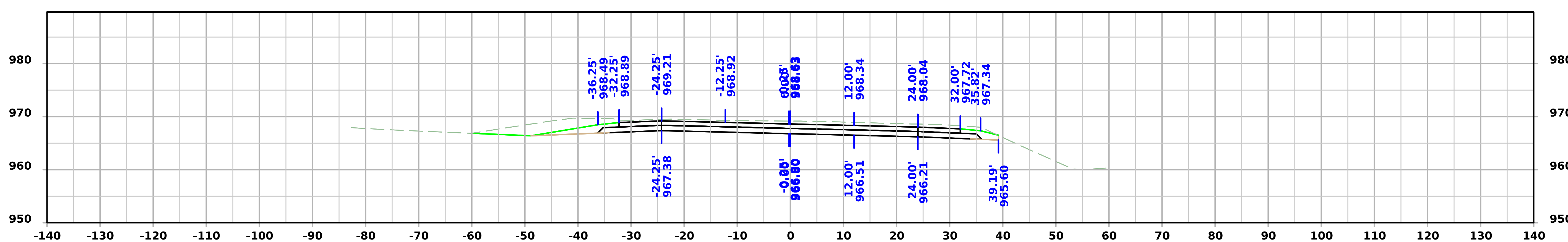
Iowa 9



STA 135+25.00



STA 135+00.00

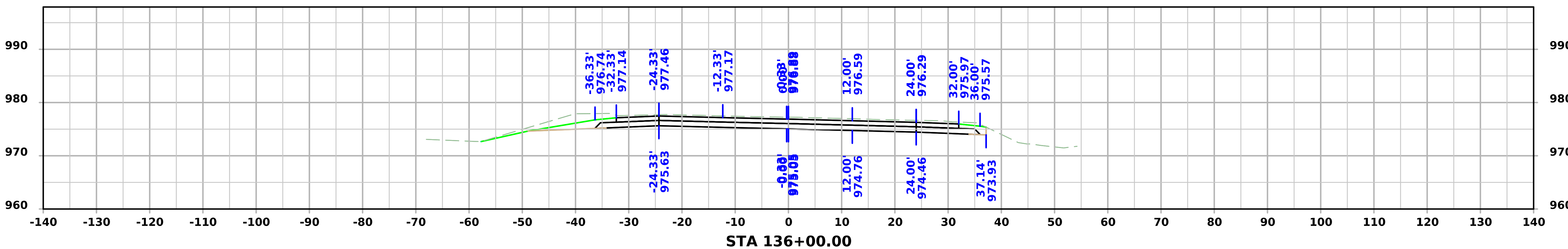


STA 134+75.00

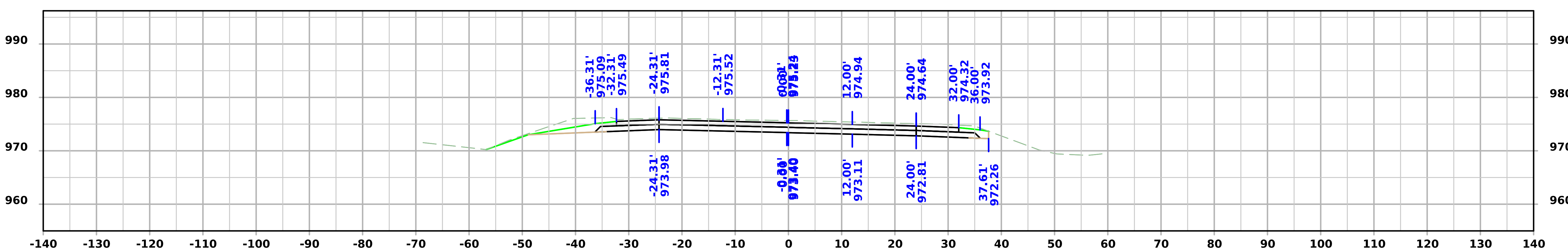
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.58

4:39:03 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

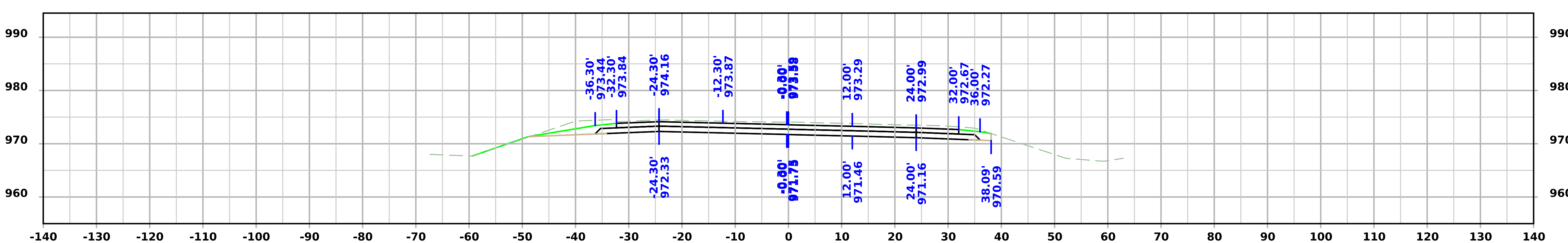
Iowa 9



STA 136+00.00



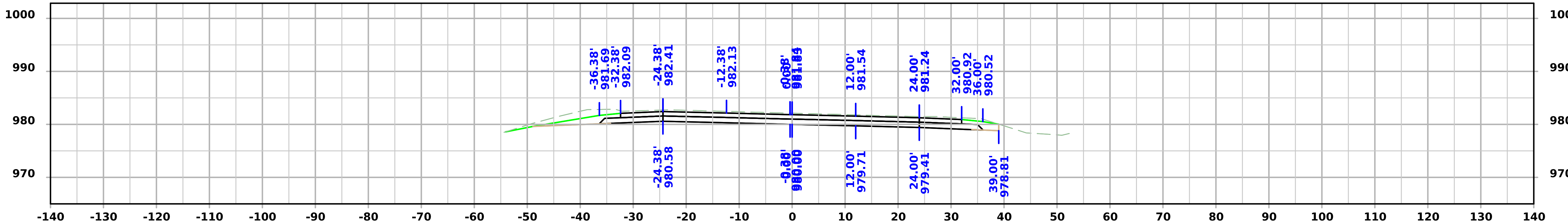
STA 135+75.00



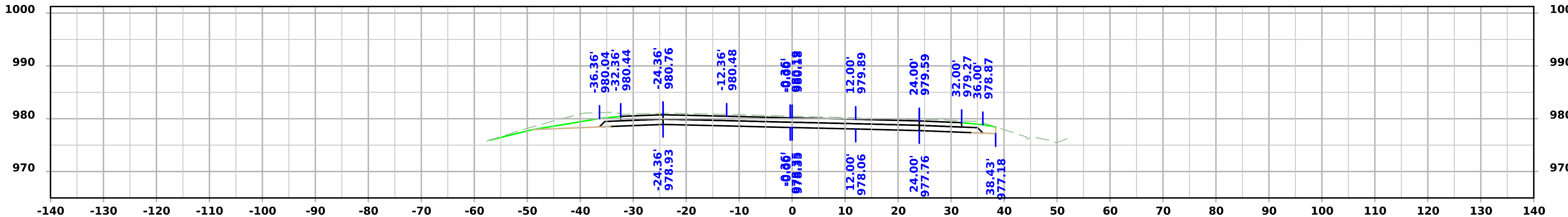
STA 135+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.59

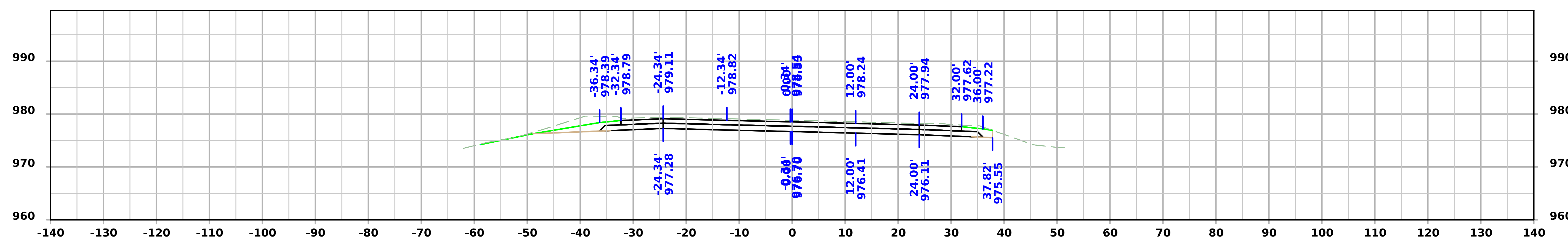
Iowa 9



STA 136+75.00



STA 136+50.00

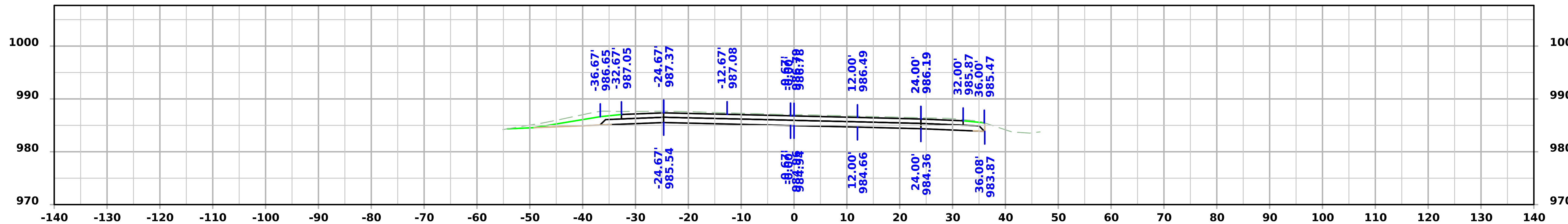


STA 136+25.00

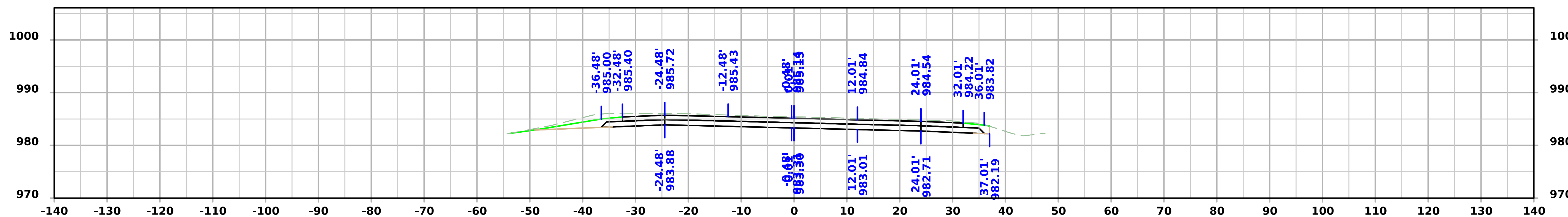
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.60

4:39:07 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

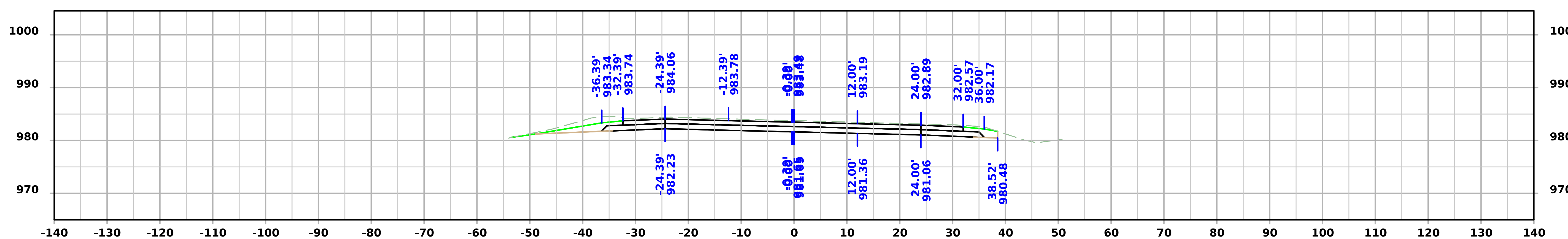
Iowa 9



STA 137+50.00



STA 137+25.00

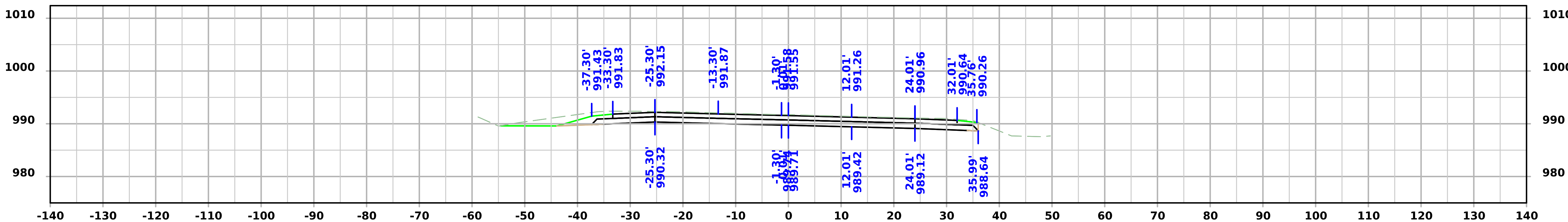


STA 137+00.00

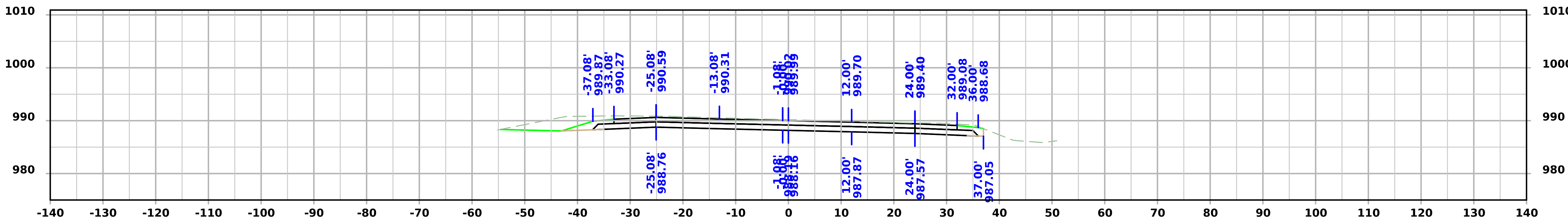
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz		WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.61

4:39:09 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

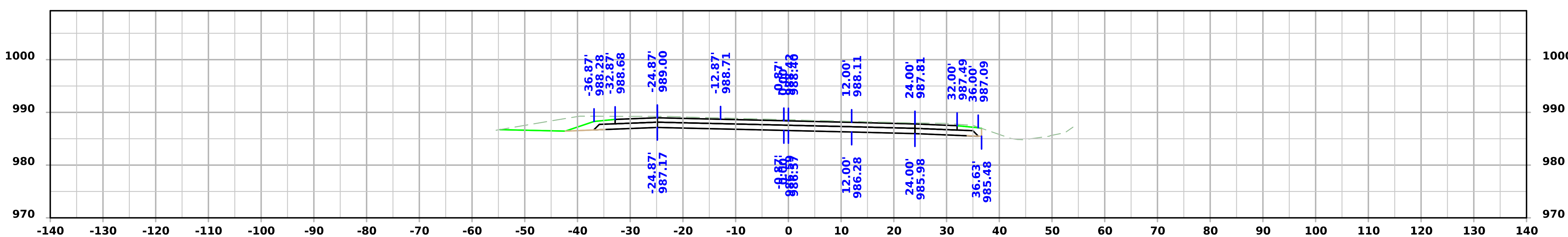
Iowa 9



STA 138+25.00



STA 138+00.00

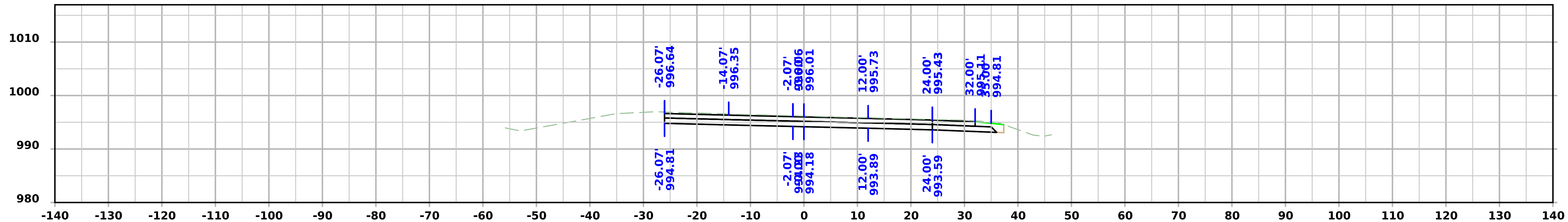


STA 137+75.00

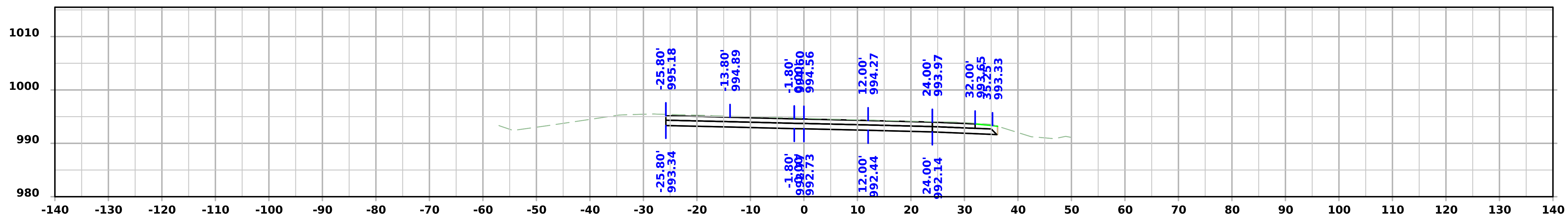
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.62

4:39:11 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

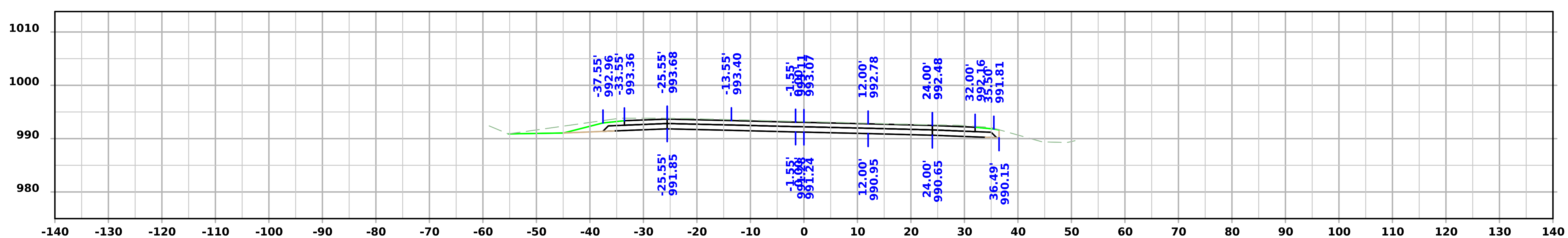
Iowa 9



STA 139+00.00



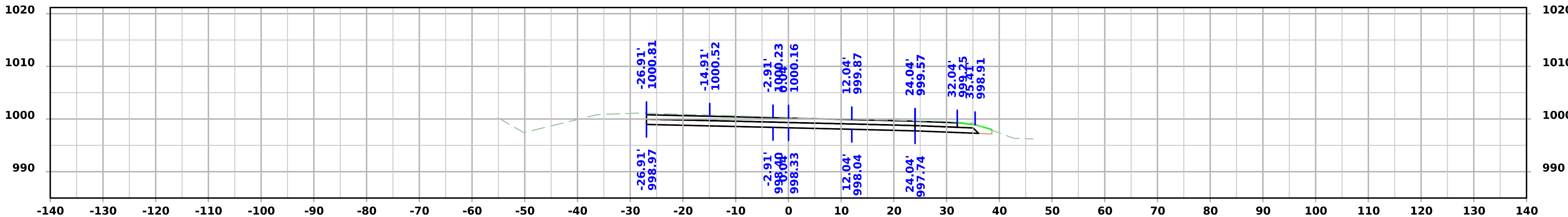
STA 138+75.00



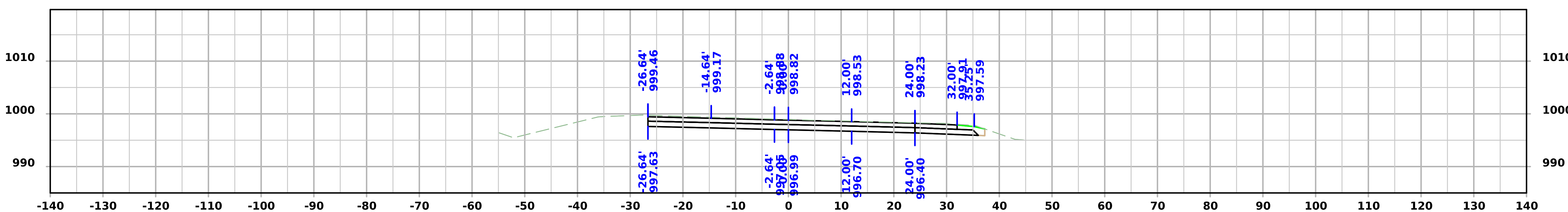
STA 138+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.63

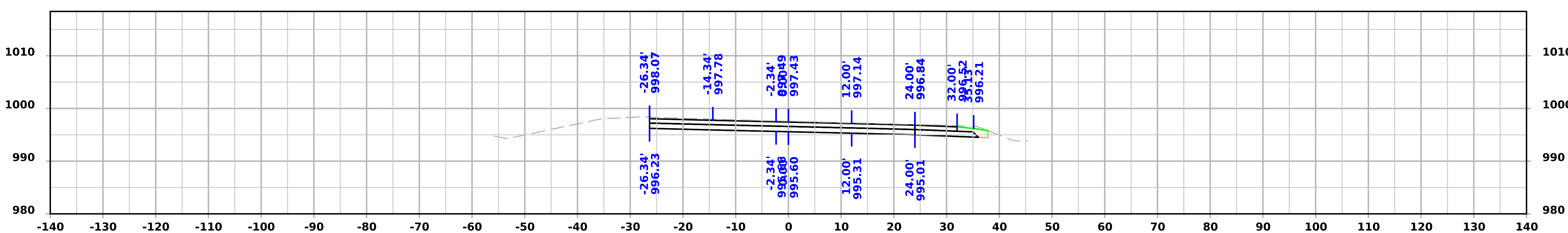
Iowa 9



STA 139+75.00



STA 139+50.00

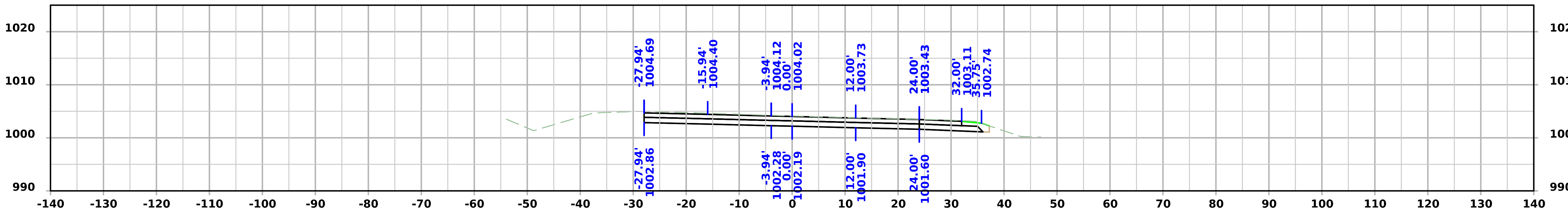


STA 139+25.00

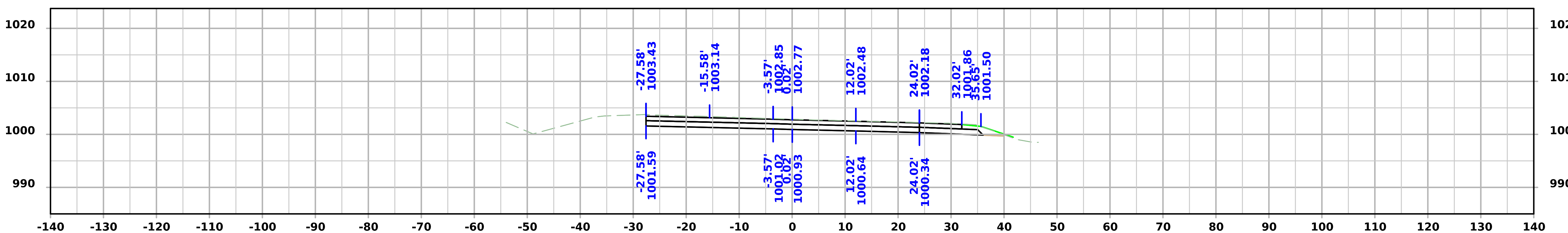
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.64

4:39:15 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

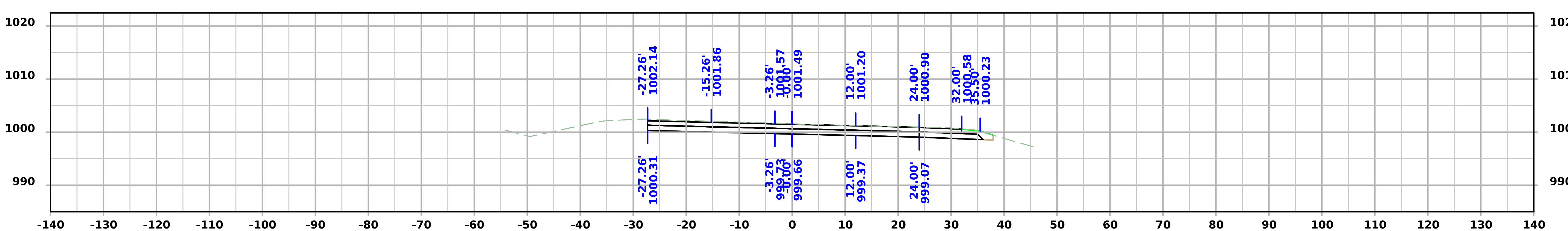
Iowa 9



STA 140+50.00

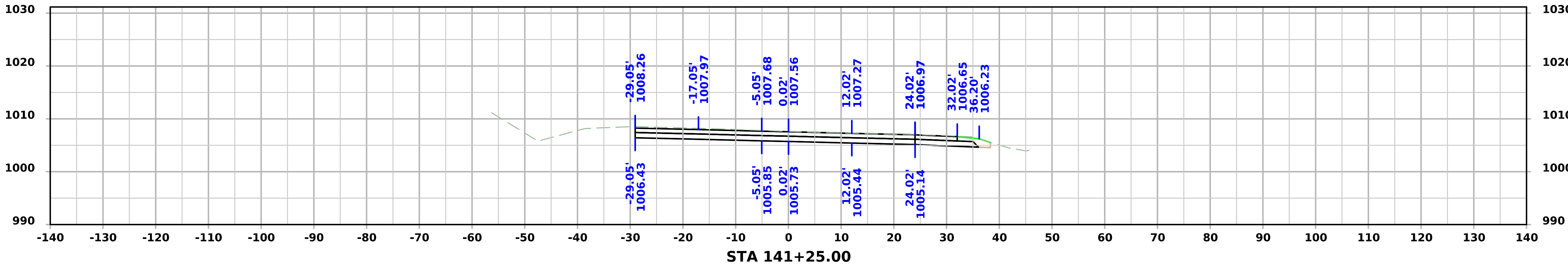


STA 140+25.00

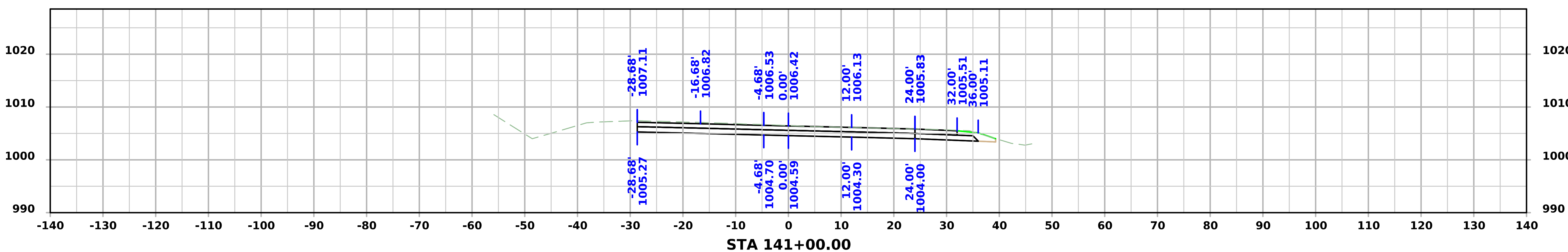


STA 140+00.00

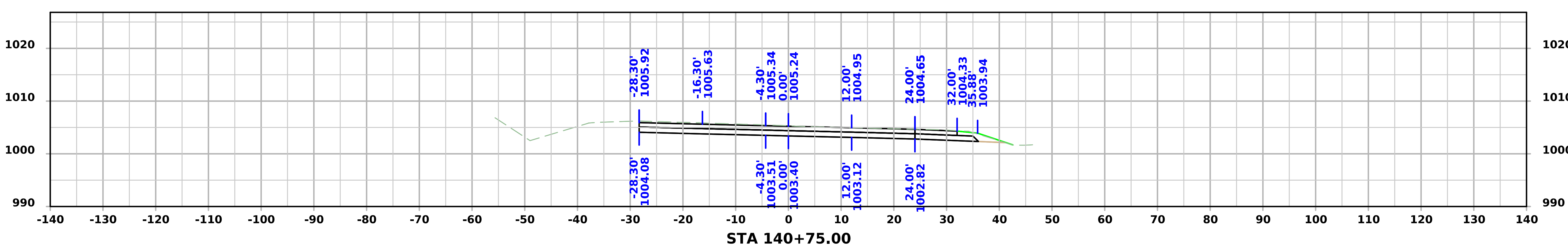
Iowa 9



STA 141+25.00



STA 141+00.00

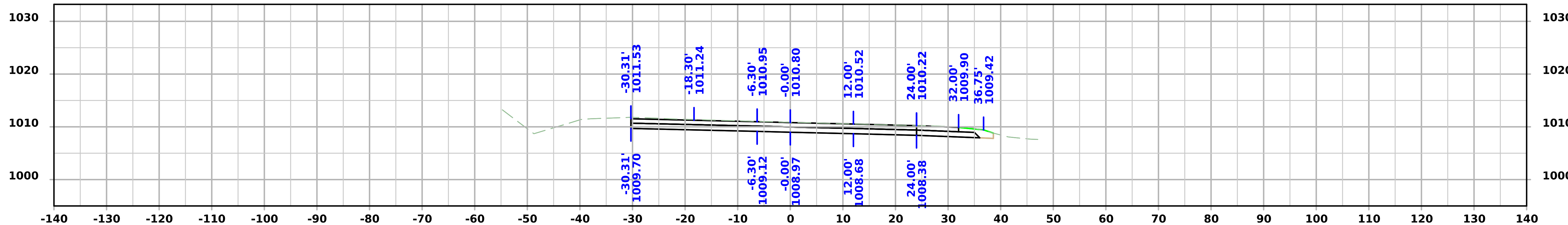


STA 140+75.00

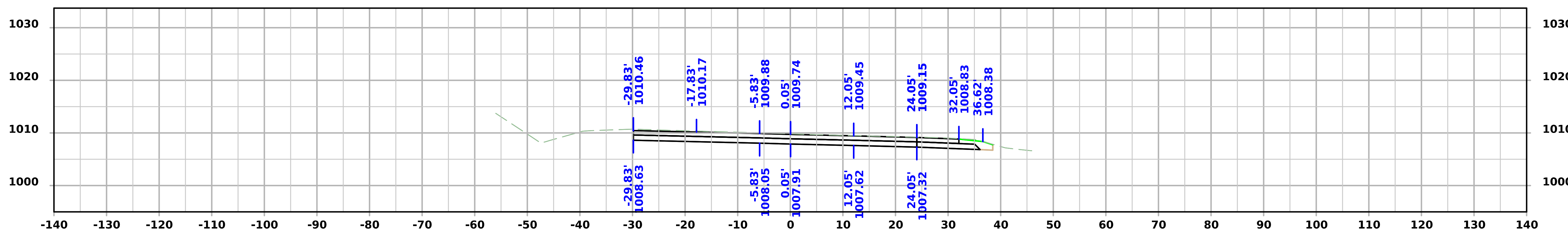
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.66

4:39:19 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

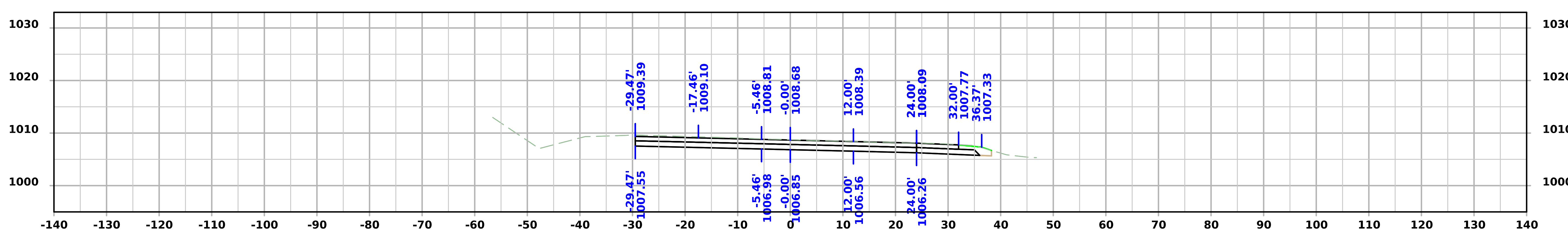
Iowa 9



STA 142+00.00



STA 141+75.00

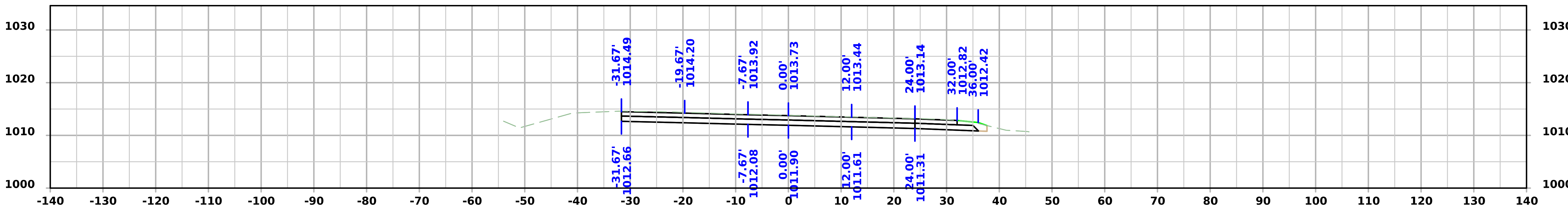


STA 141+50.00

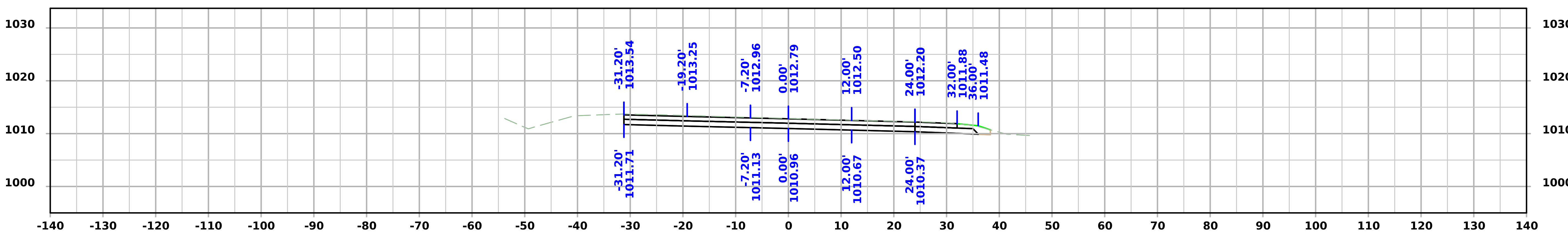
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.67

4:39:21 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

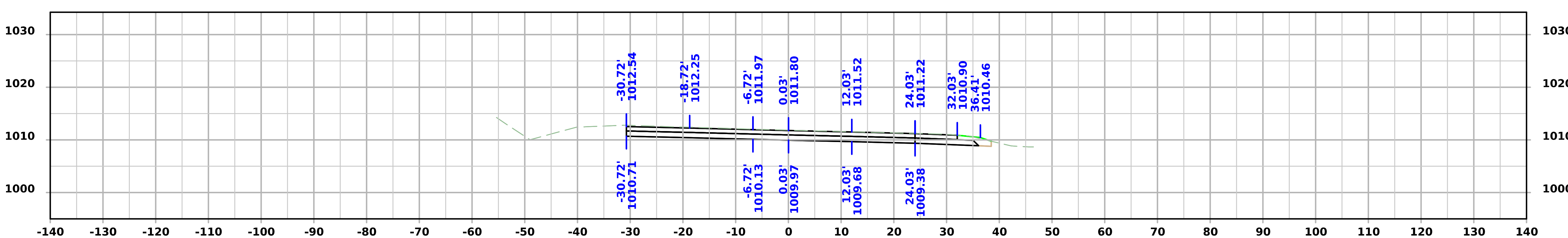
Iowa 9



STA 142+75.00



STA 142+50.00

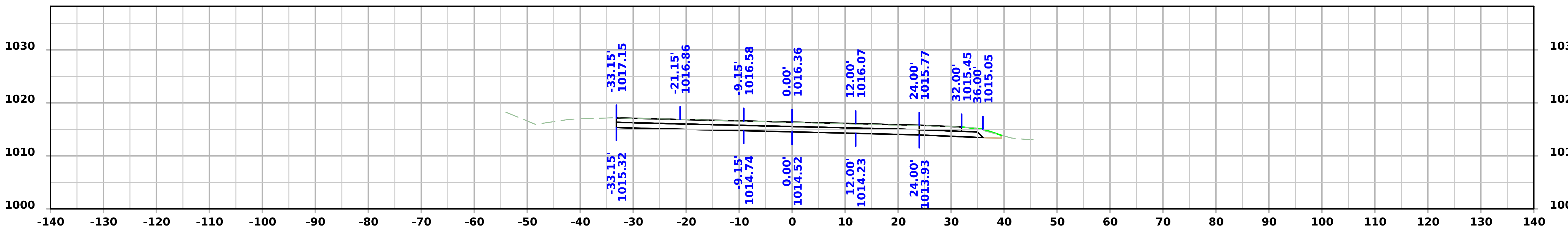


STA 142+25.00

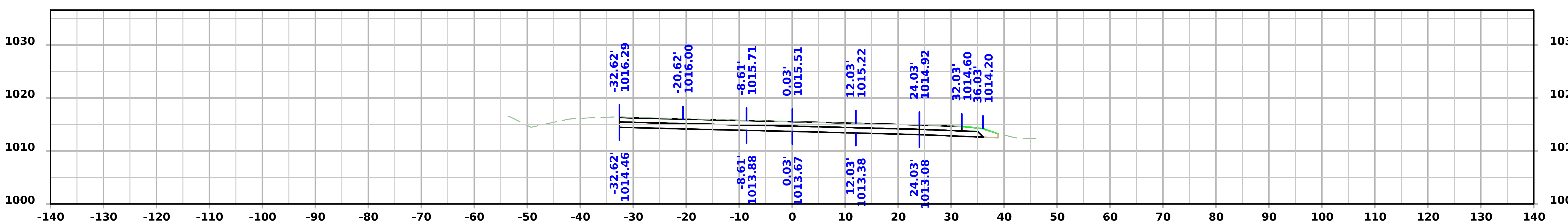
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.68

4:39:23 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

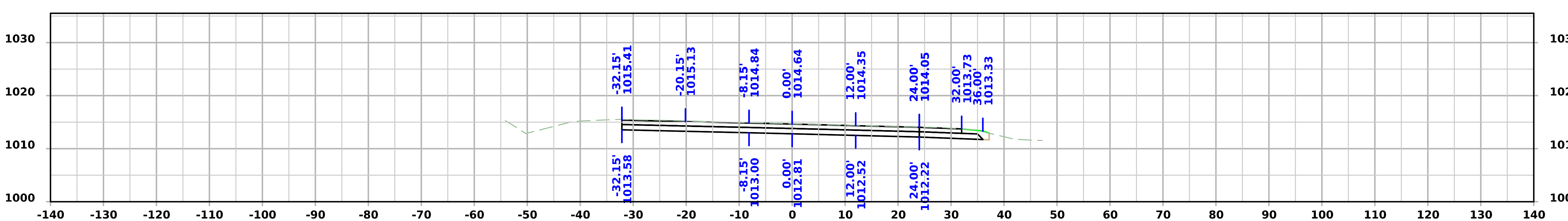
Iowa 9



STA 143+50.00



STA 143+25.00

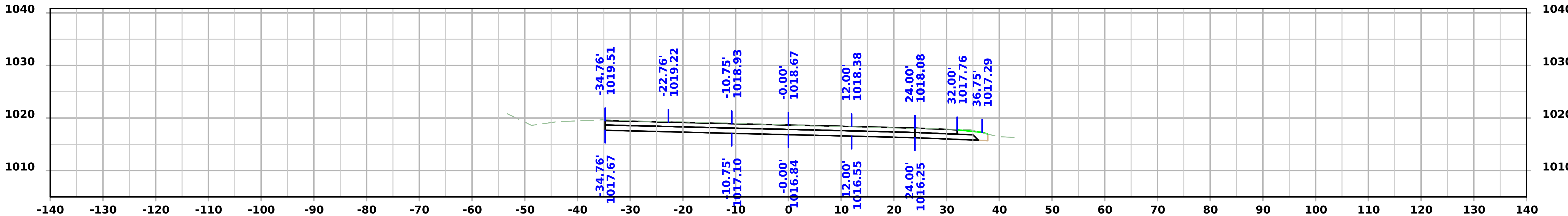


STA 143+00.00

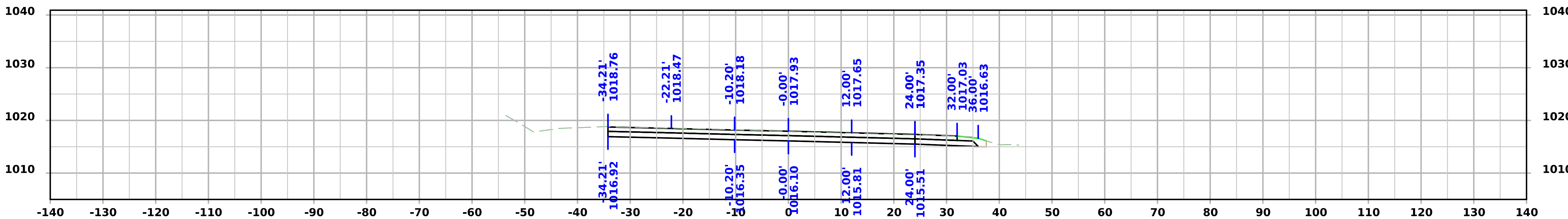
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.69

4:39:25 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

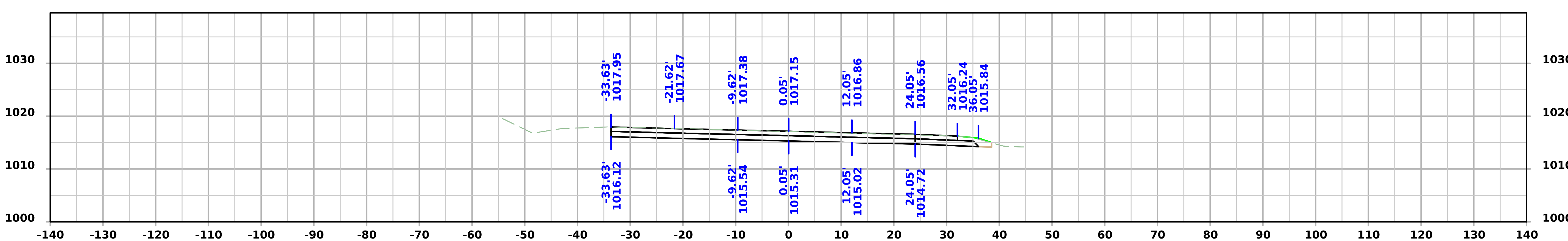
Iowa 9



STA 144+25.00



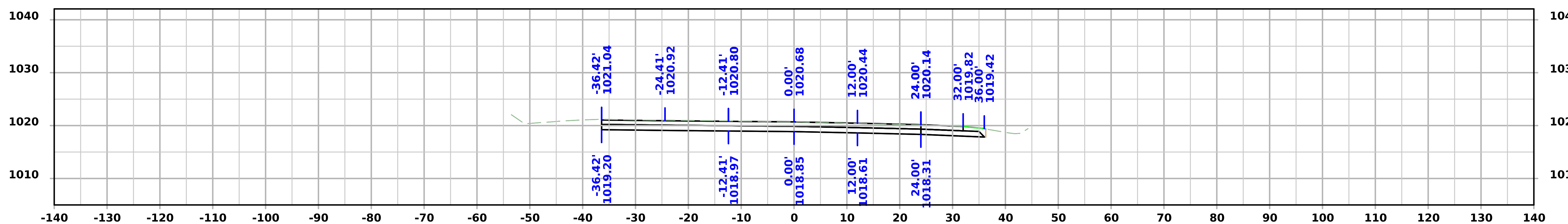
STA 144+00.00



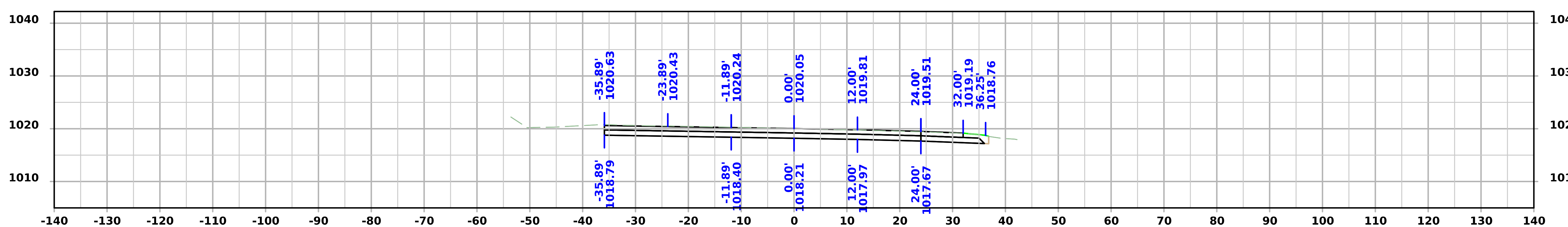
STA 143+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.70

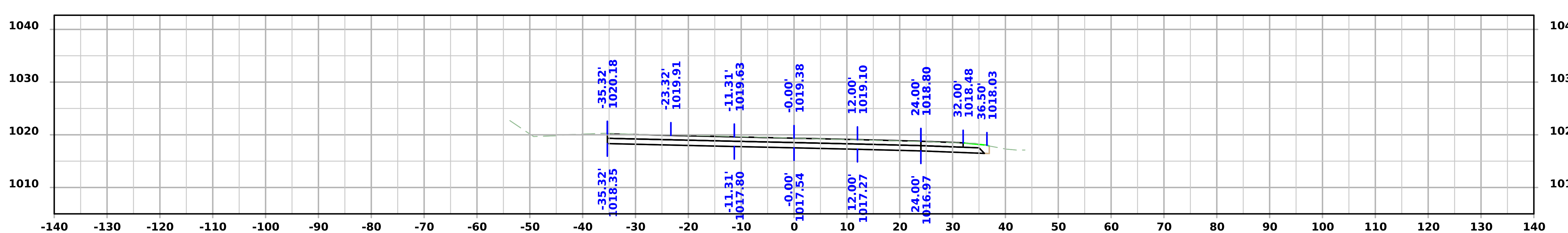
Iowa 9



STA 145+00.00



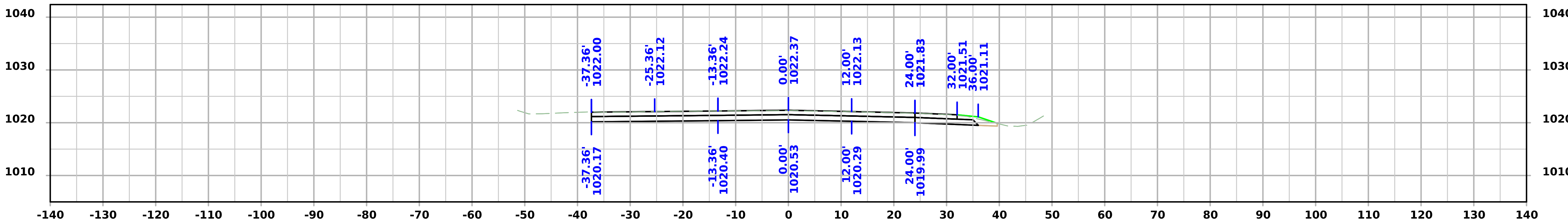
STA 144+75.00



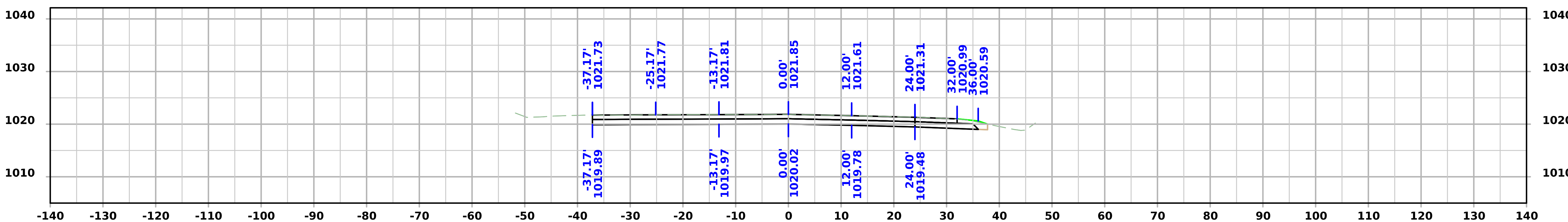
STA 144+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.71

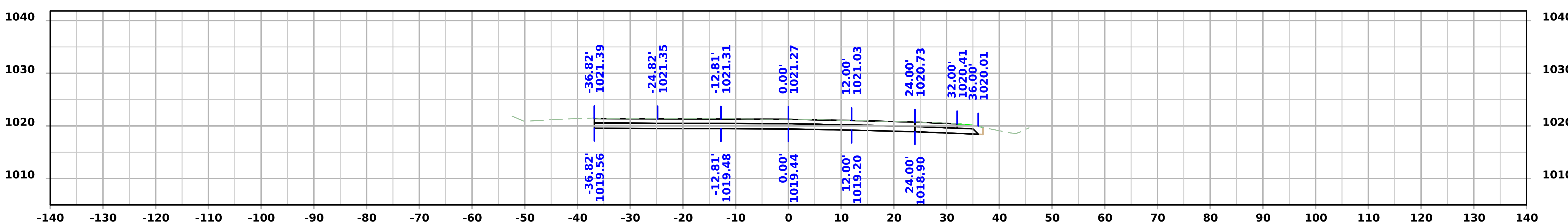
Iowa 9



STA 145+75.00



STA 145+50.00

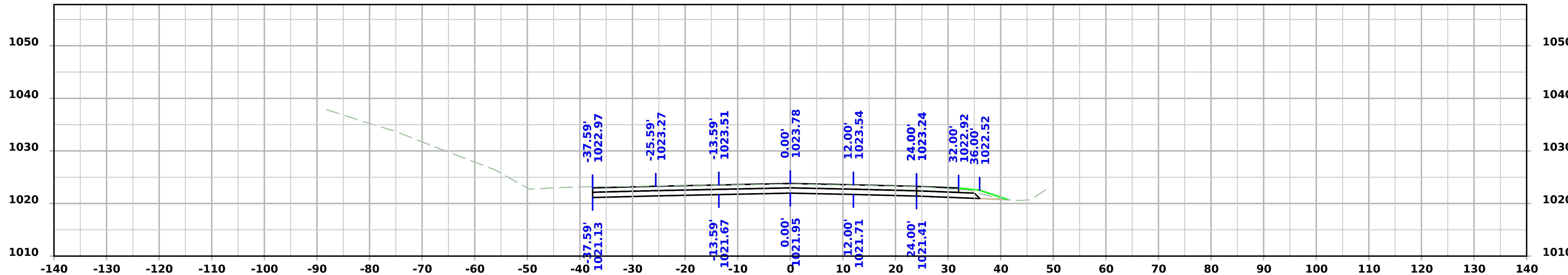


STA 145+25.00

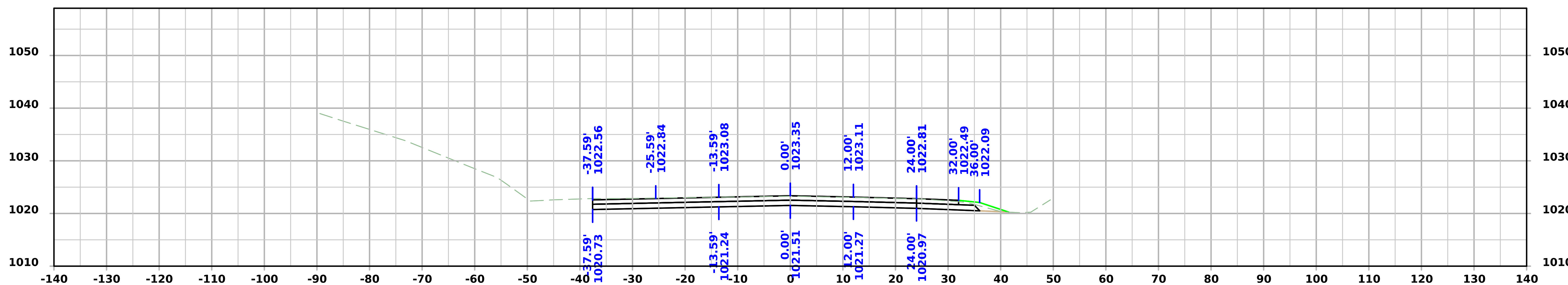
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.72

4:39:30 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

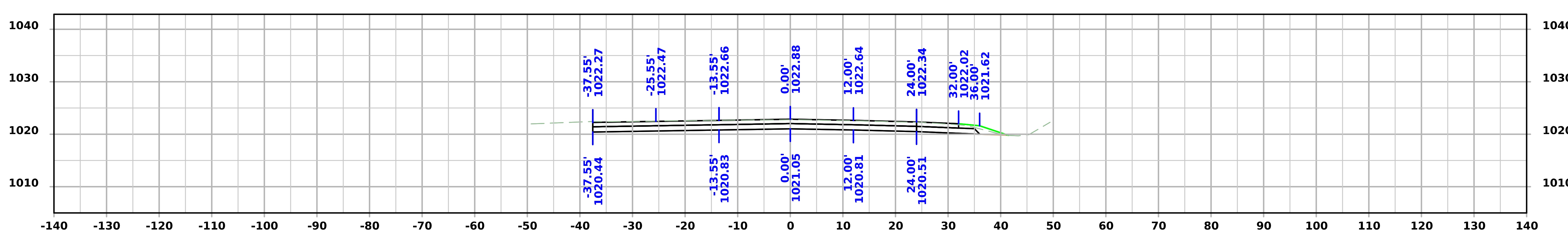
Iowa 9



STA 146+50.00



STA 146+25.00

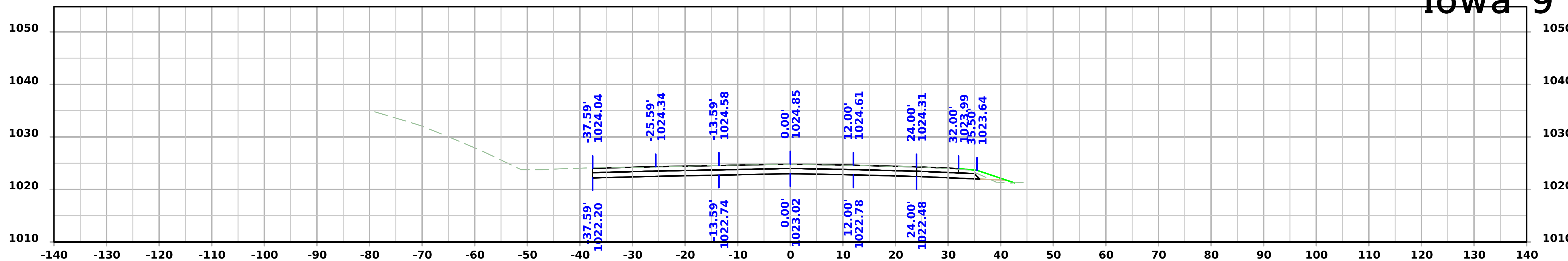


STA 146+00.00

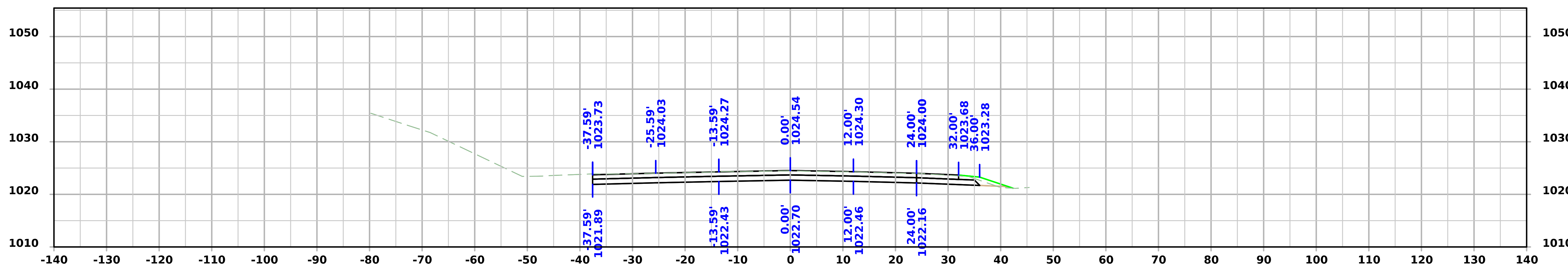
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.73

4:39:32 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

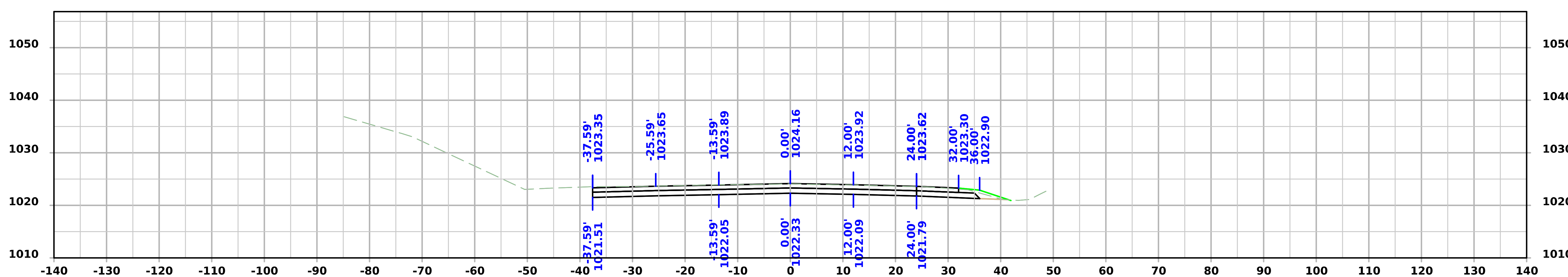
Iowa 9



STA 147+25.00



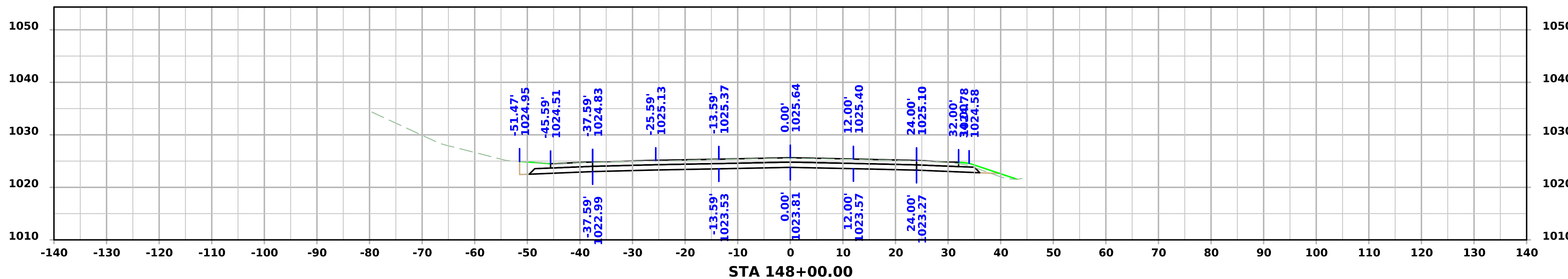
STA 147+00.00

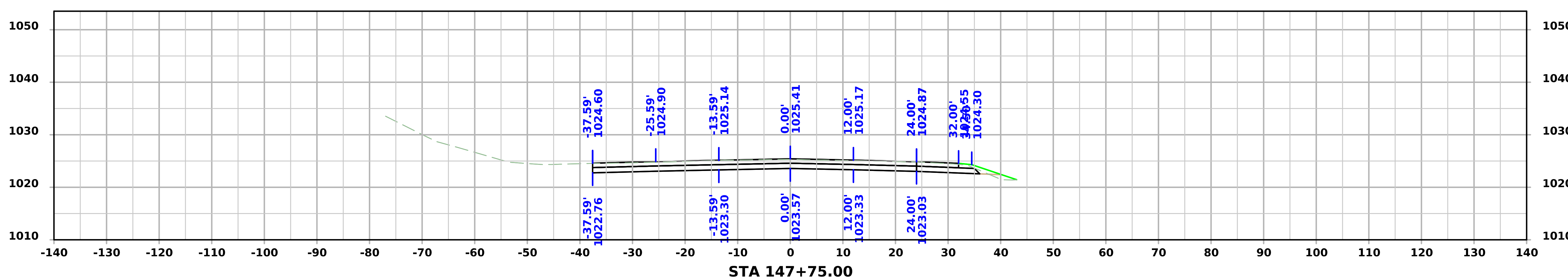


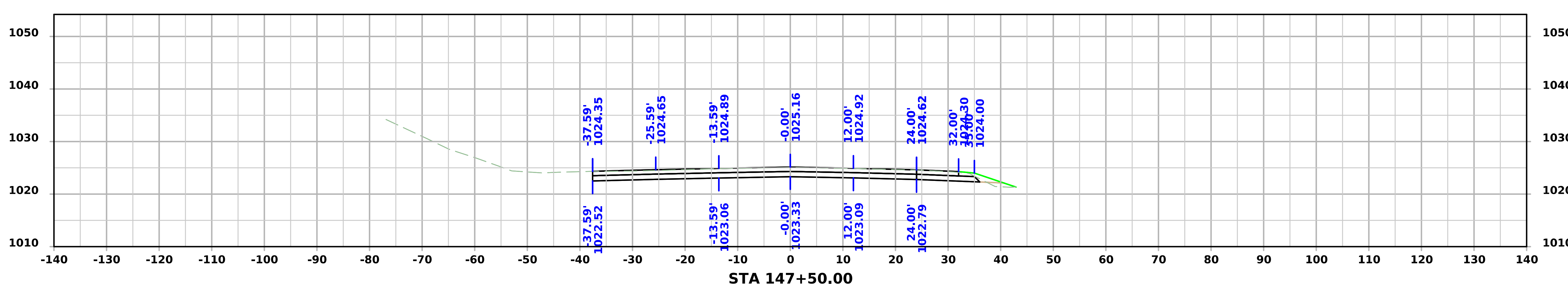
STA 146+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.74

Iowa 9



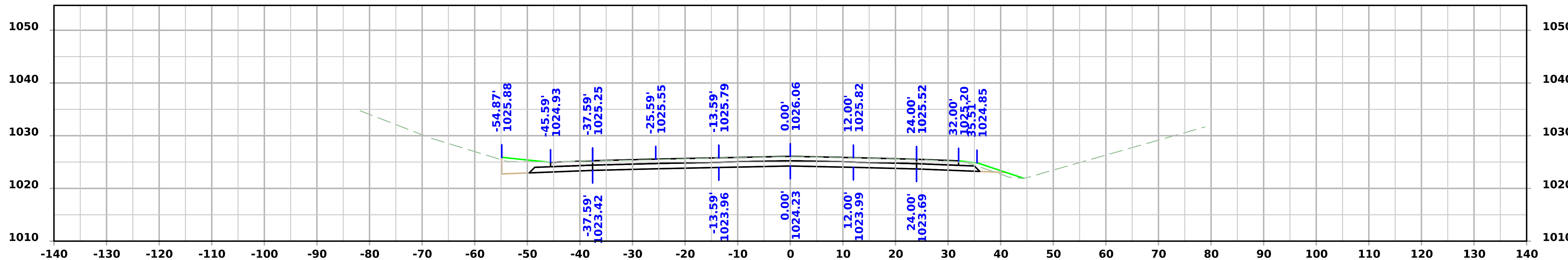




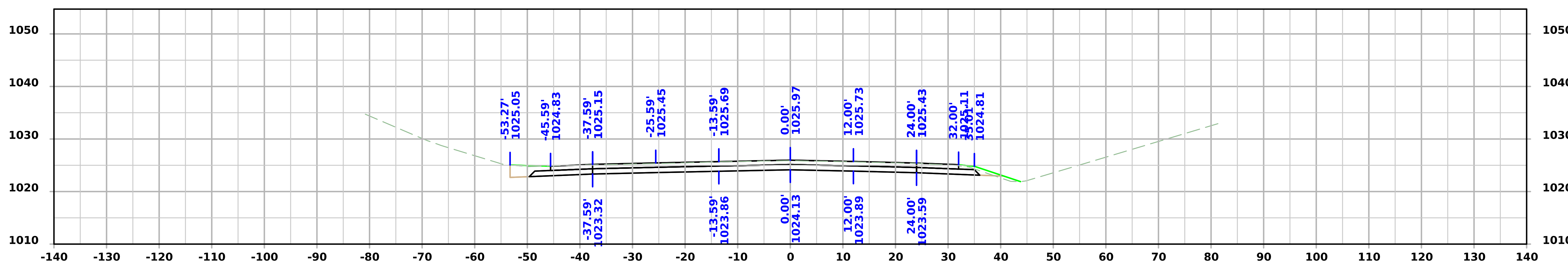
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.75

4:39:35 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

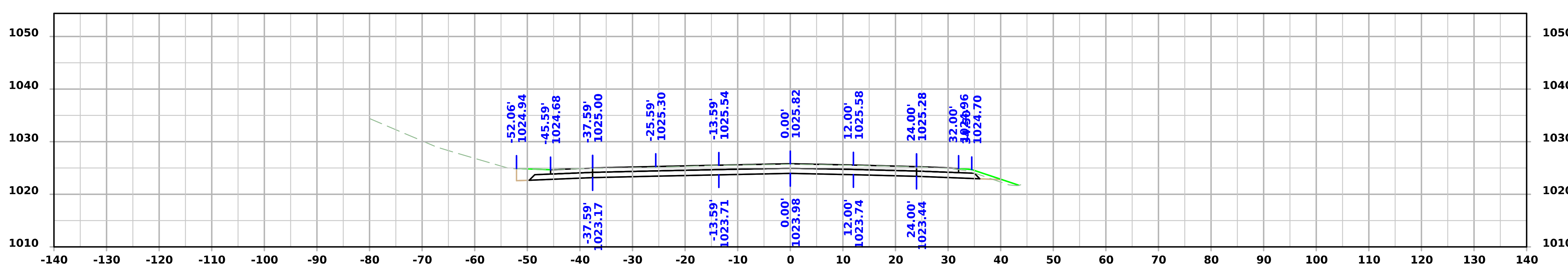
Iowa 9



STA 148+75.00



STA 148+50.00

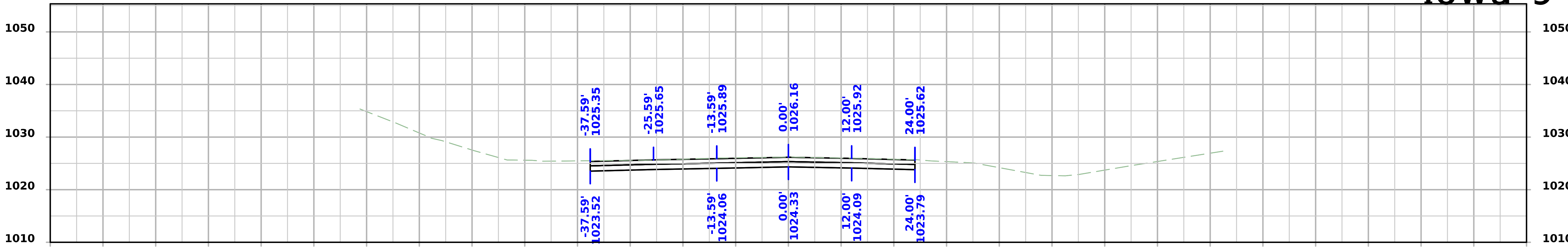


STA 148+25.00

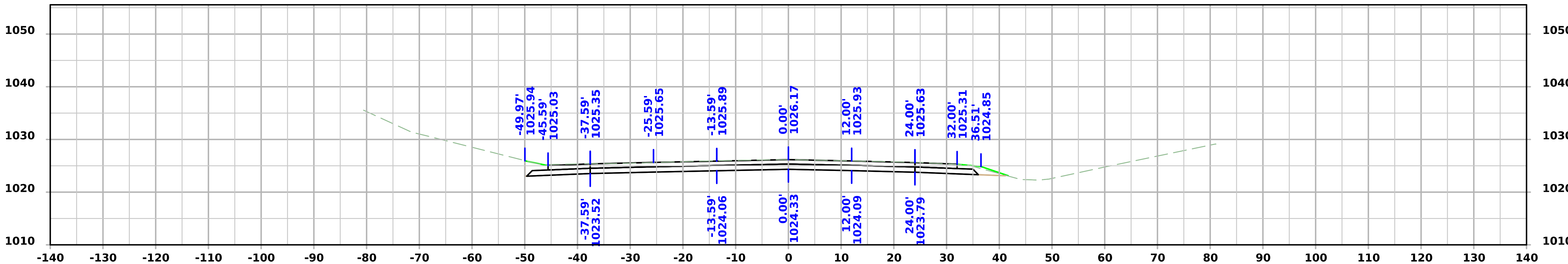
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.76

4:39:37 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

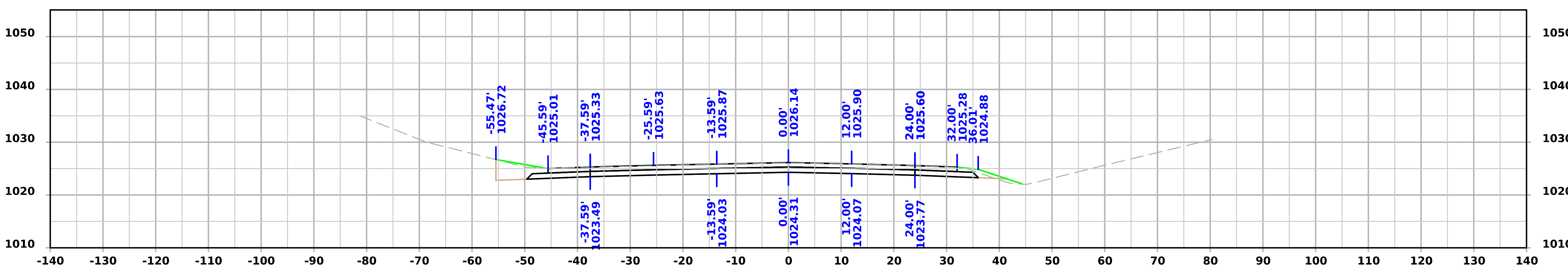
Iowa 9



STA 149+50.00



STA 149+25.00

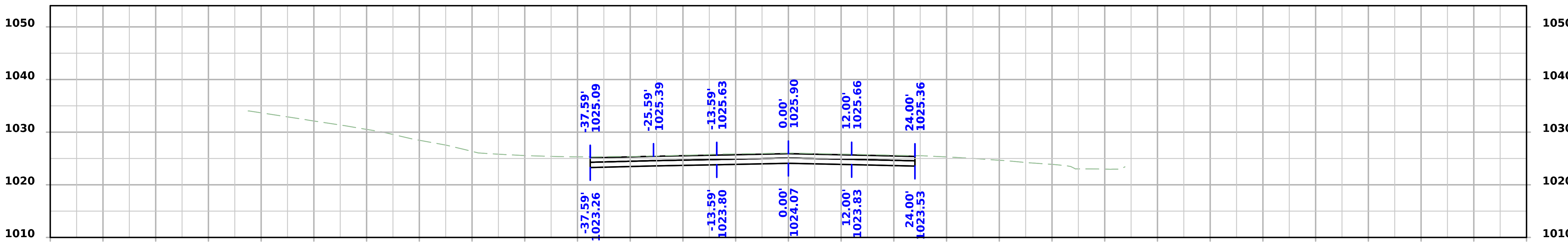


STA 149+00.00

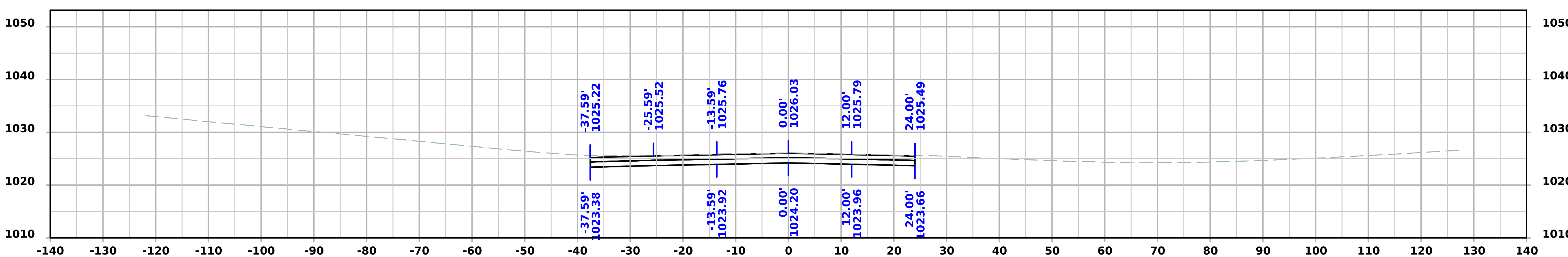
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.77

4:39:39 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

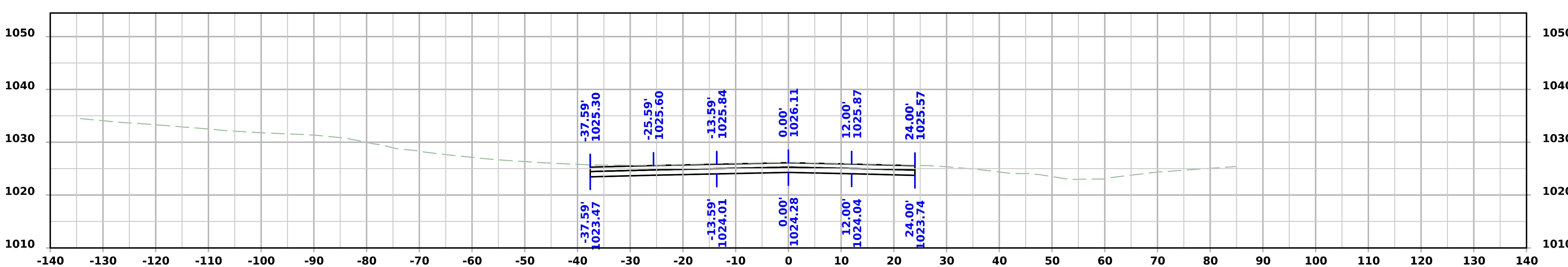
Iowa 9



STA 150+25.00



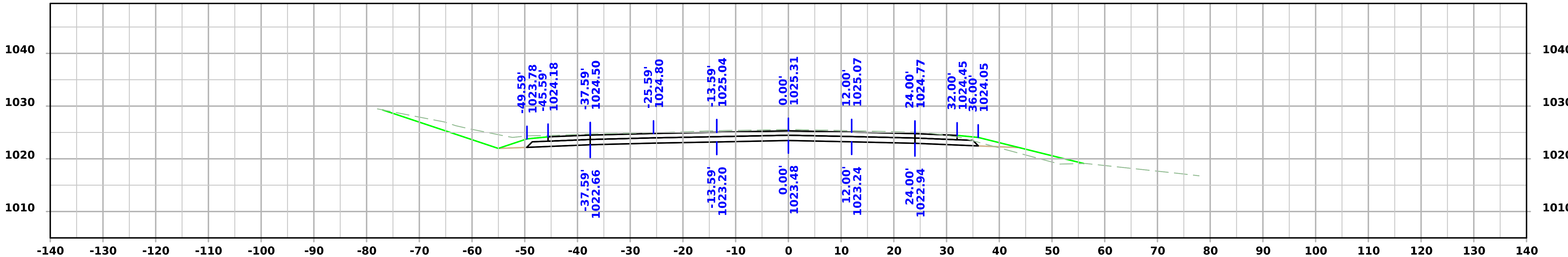
STA 150+00.00



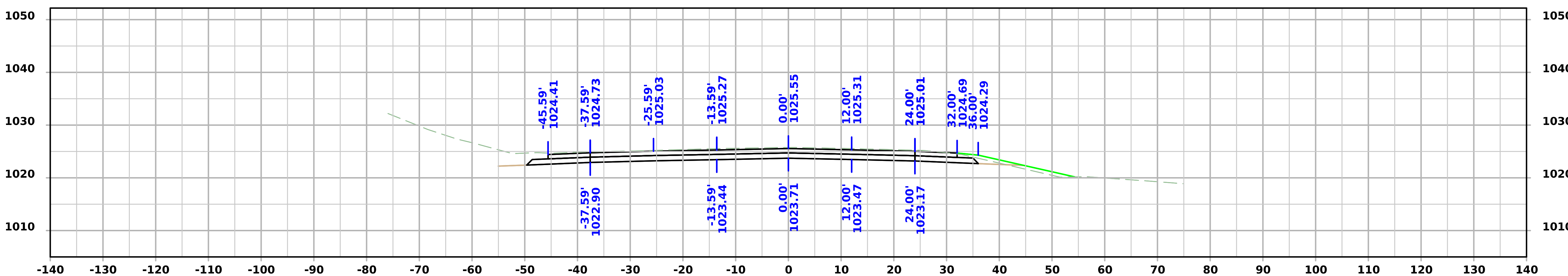
STA 149+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.78

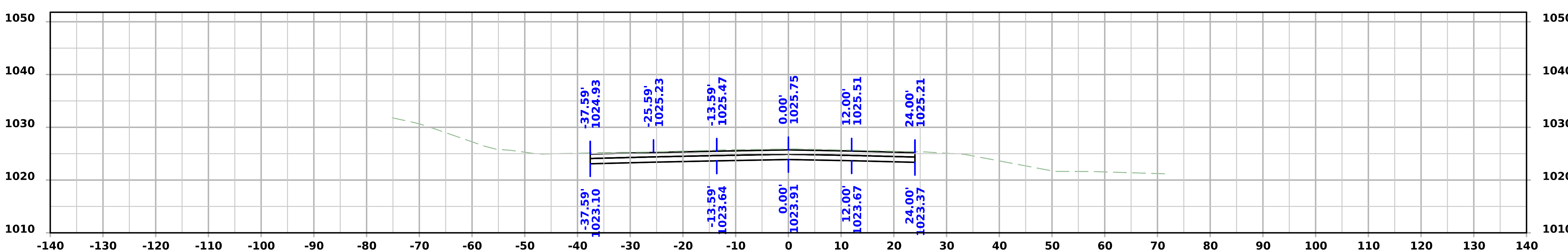
Iowa 9



STA 151+00.00



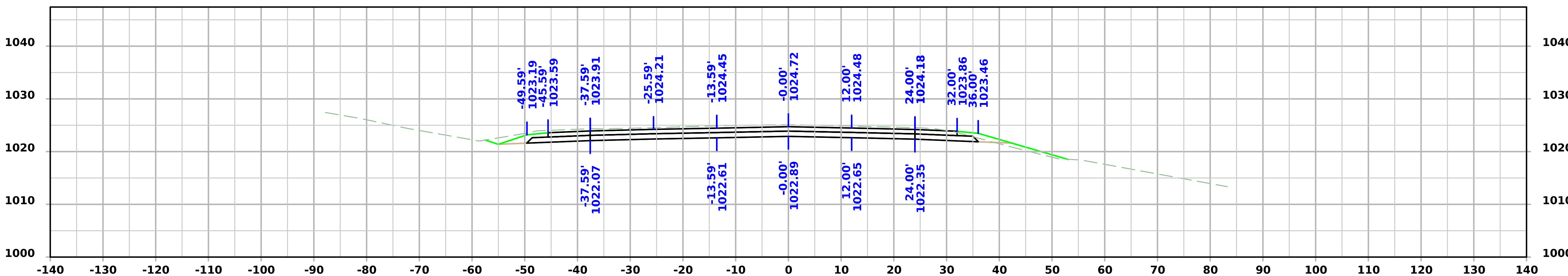
STA 150+75.00



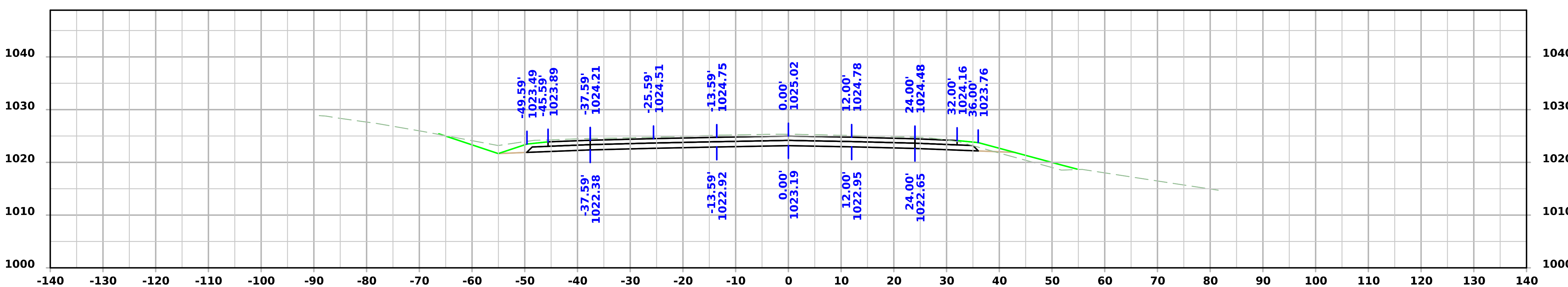
STA 150+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.79

Iowa 9



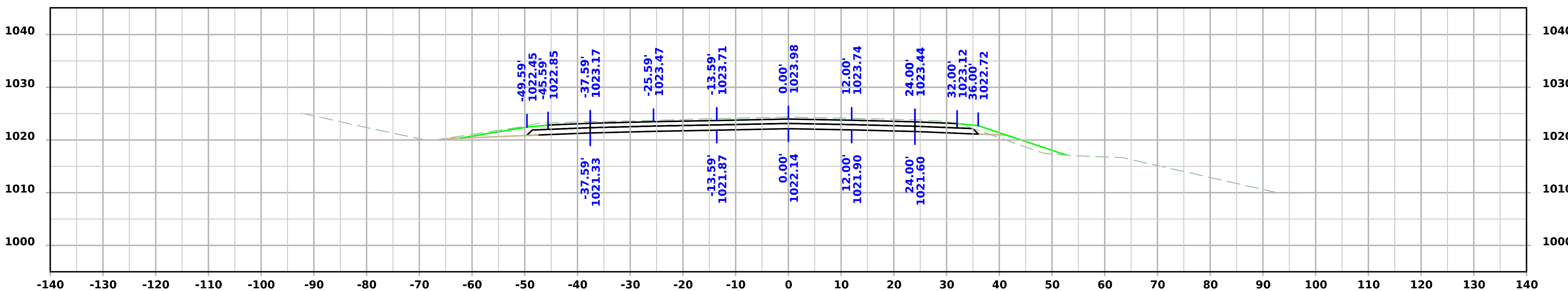
STA 151+50.00



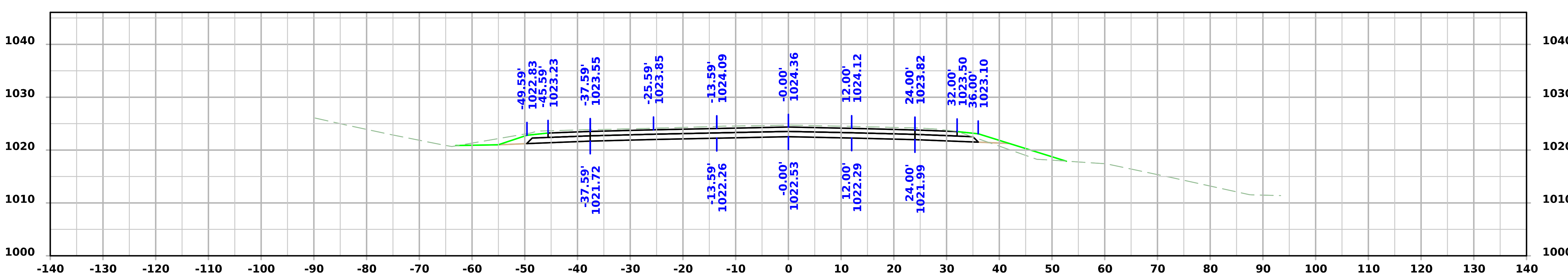
STA 151+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.80

Iowa 9



STA 152+00.00

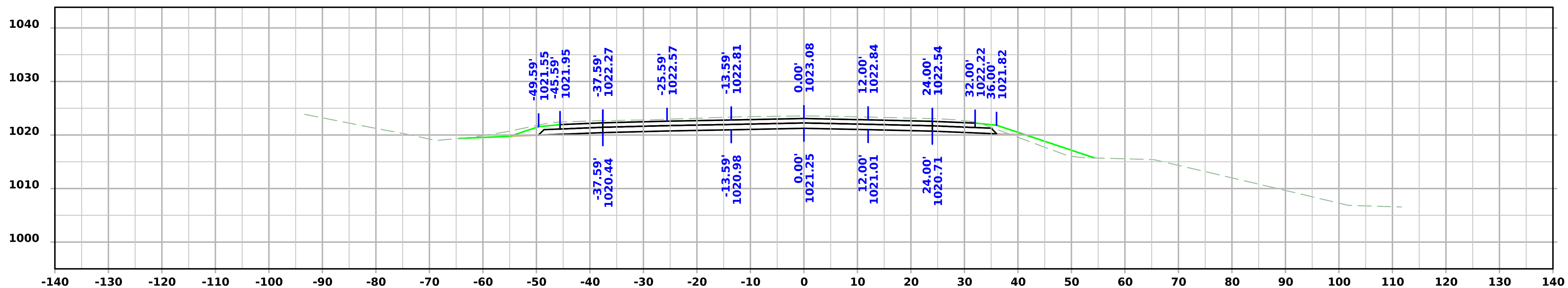


STA 151+75.00

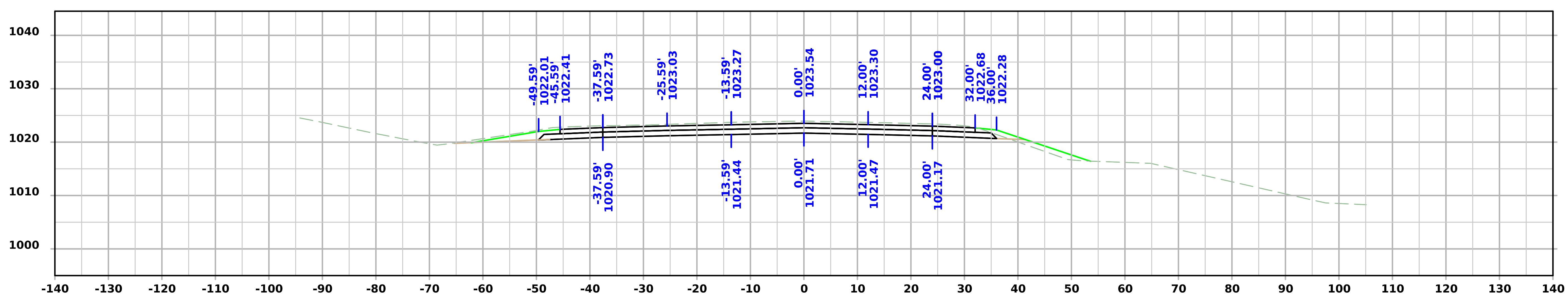
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.81

4:39:45 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



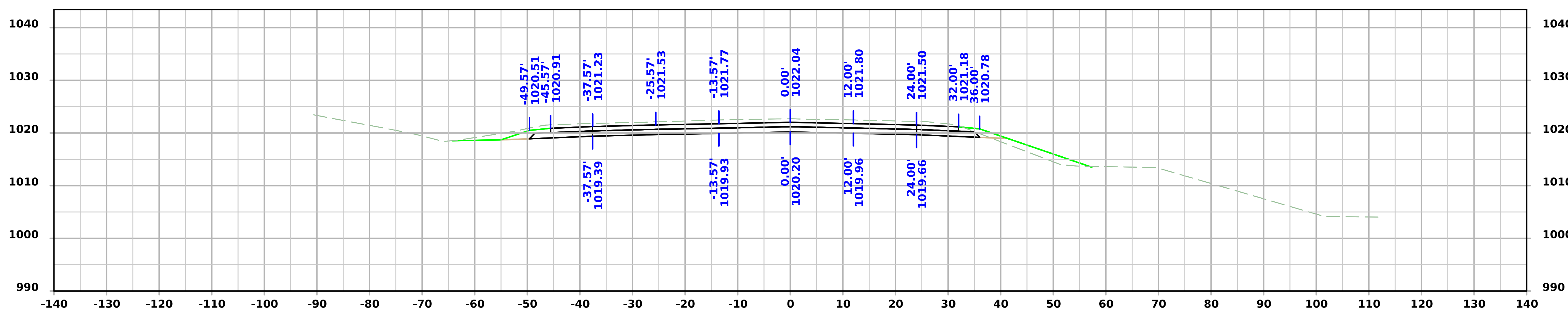
STA 152+50.00



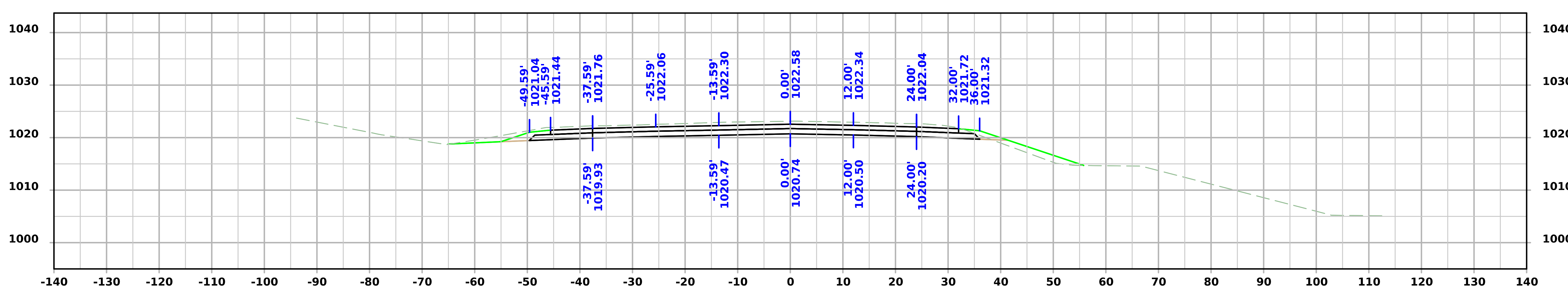
STA 152+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.82

Iowa 9



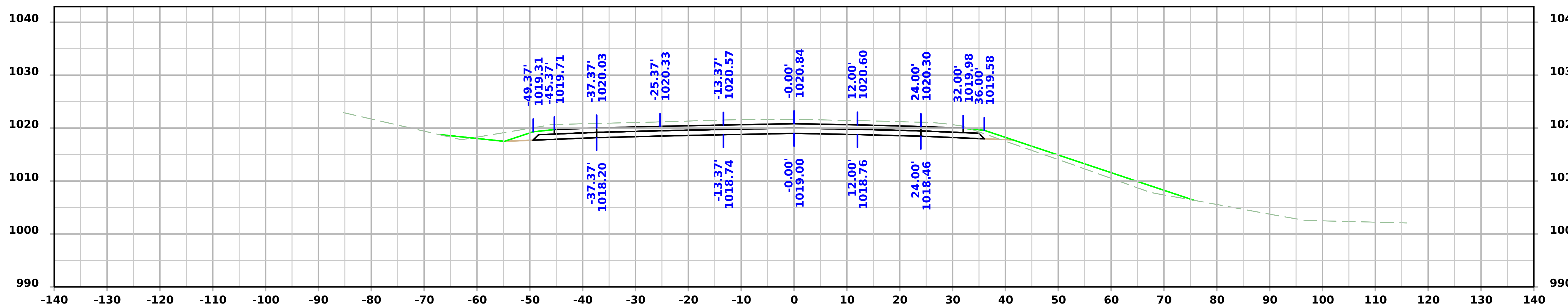
STA 153+00.00



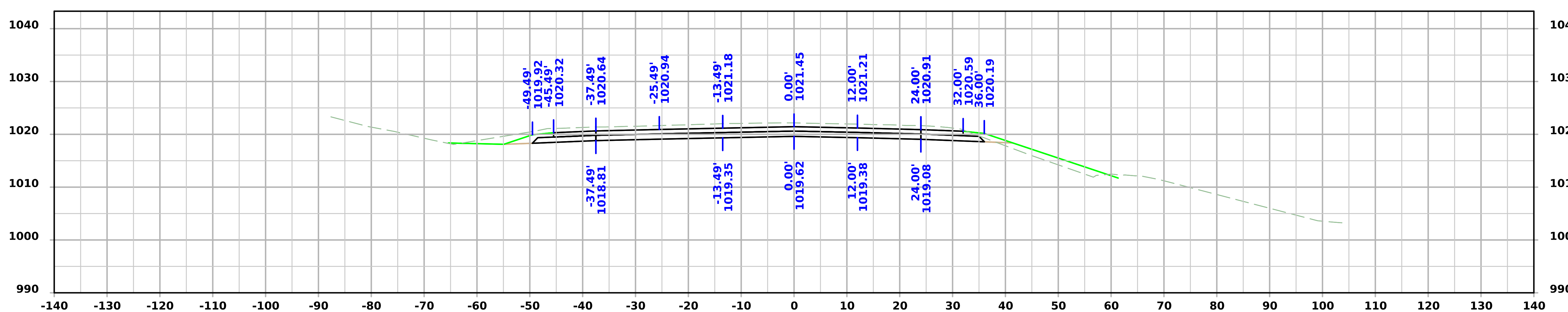
STA 152+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.83

Iowa 9



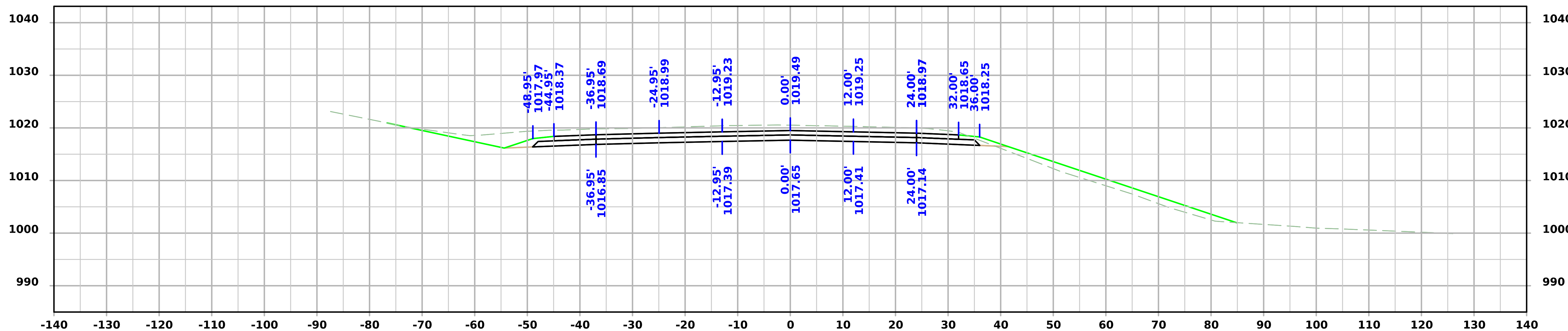
STA 153+50.00



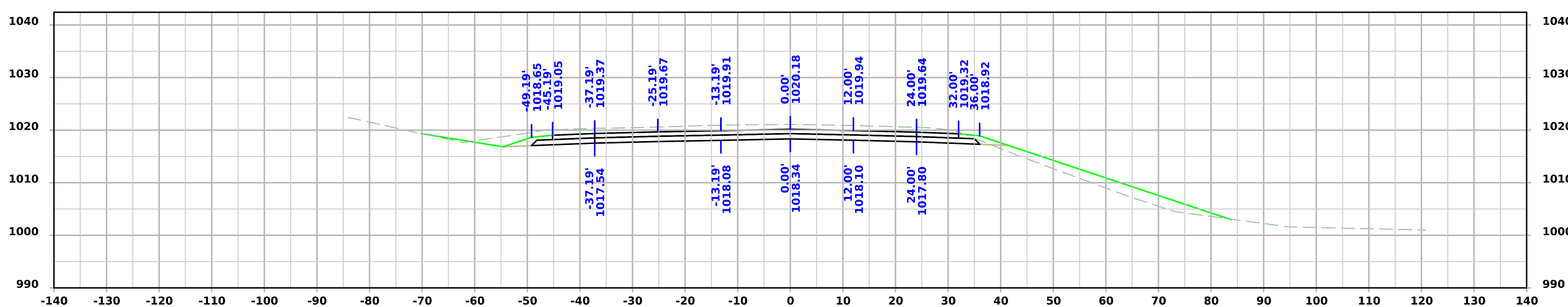
STA 153+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.84

Iowa 9



STA 154+00.00

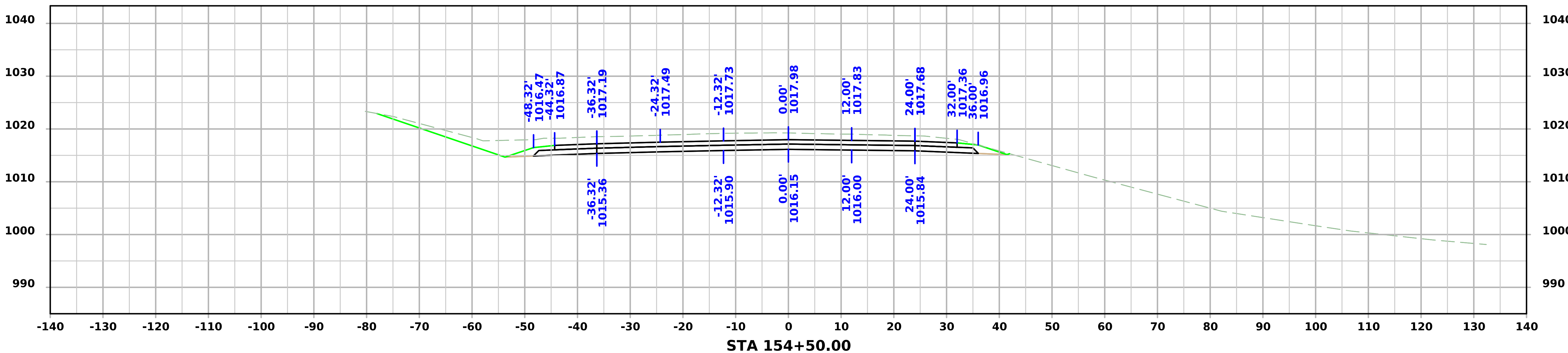


STA 153+75.00

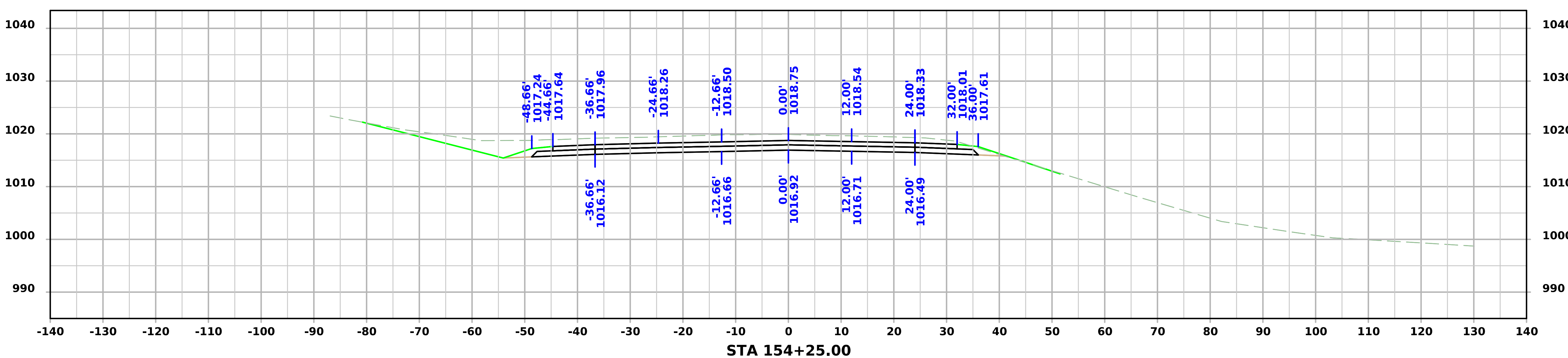
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.85

4:39:51 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 154+50.00

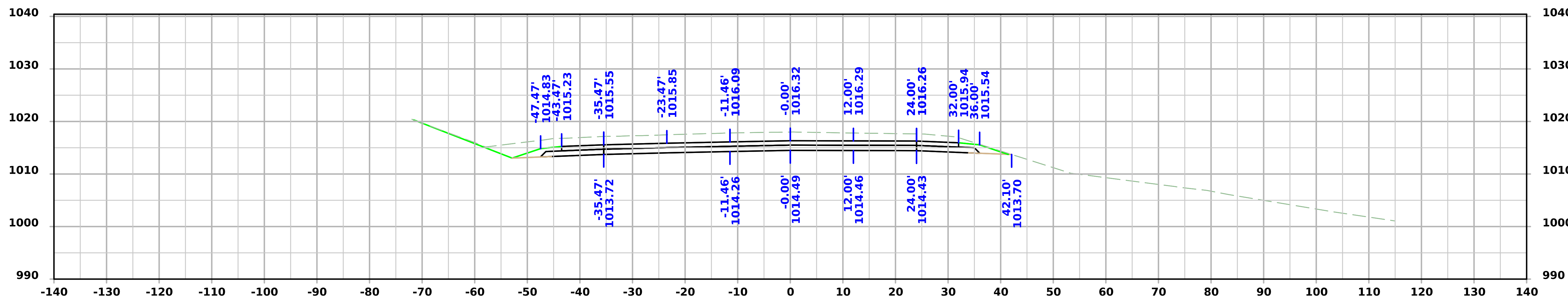


STA 154+25.00

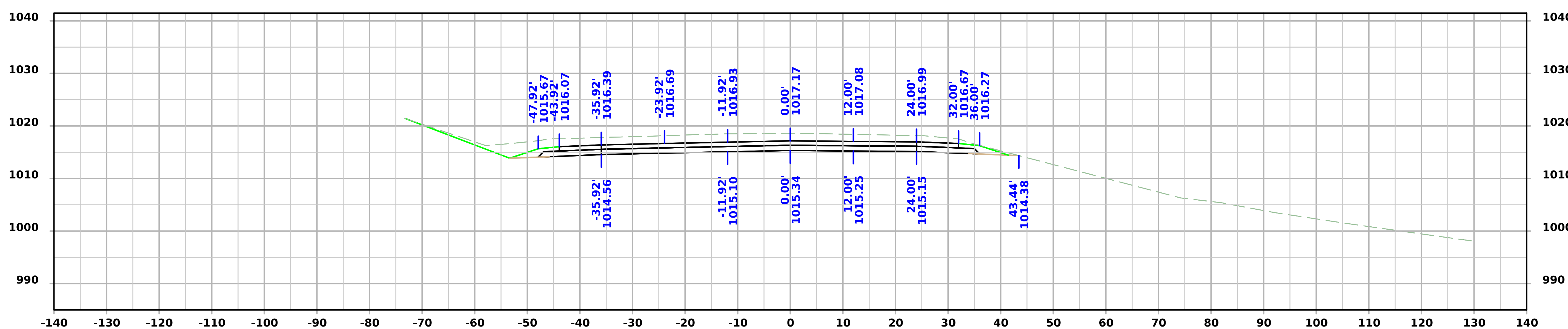
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.86

4:39:53 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 155+00.00

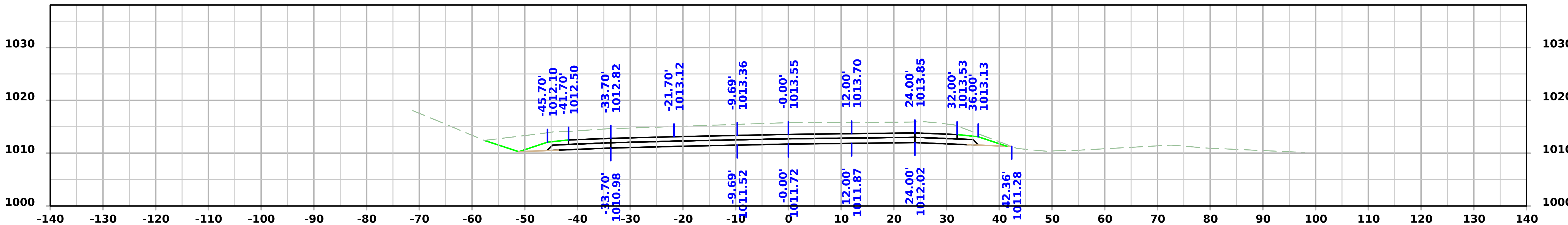


STA 154+75.00

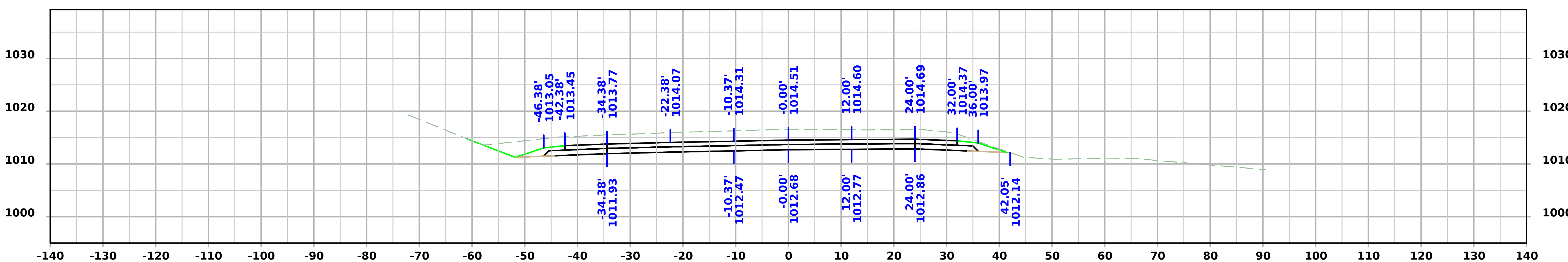
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.87

4:39:54 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

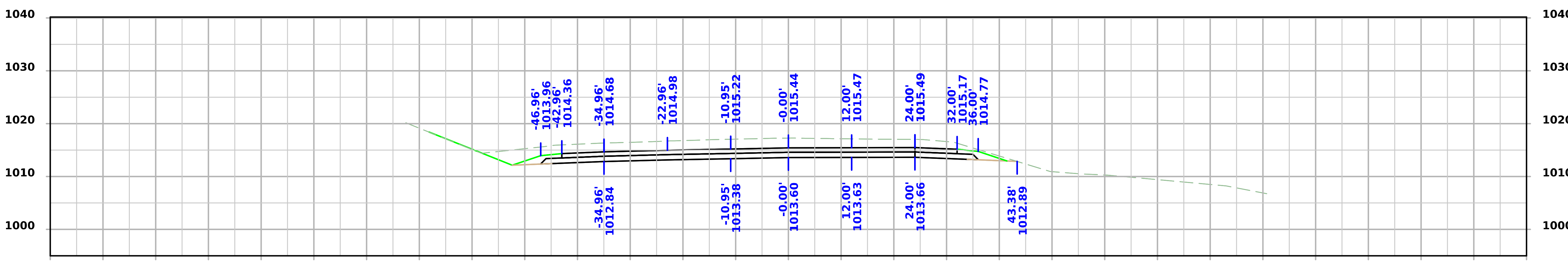
Iowa 9



STA 155+75.00



STA 155+50.00

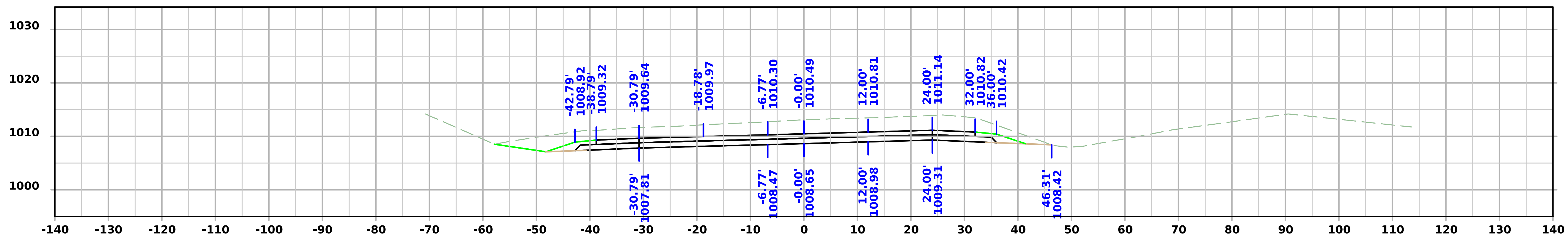


STA 155+25.00

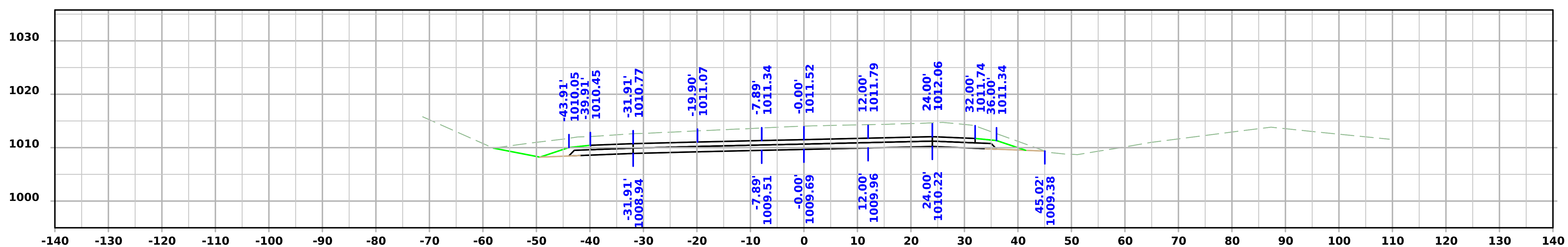
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.88

4:39:56 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

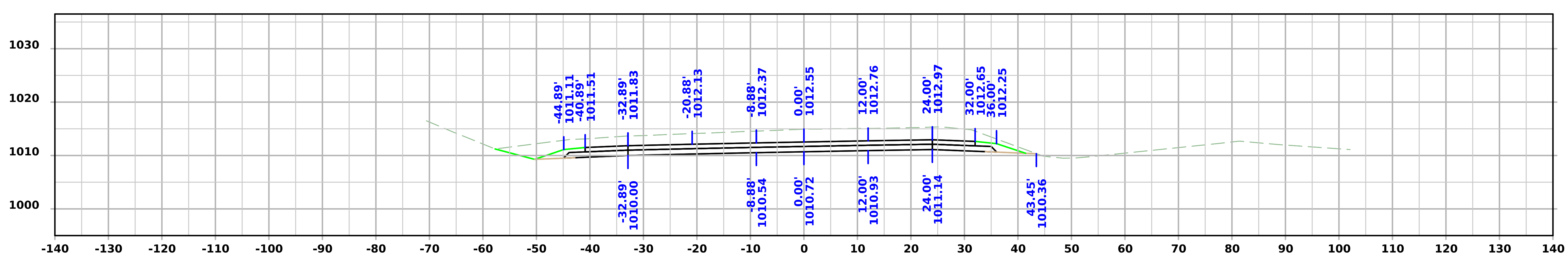
Iowa 9



STA 156+50.00



STA 156+25.00

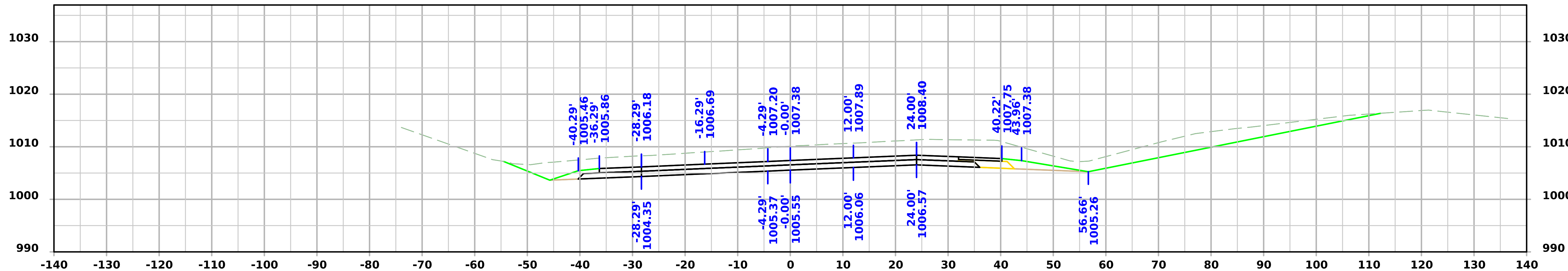


STA 156+00.00

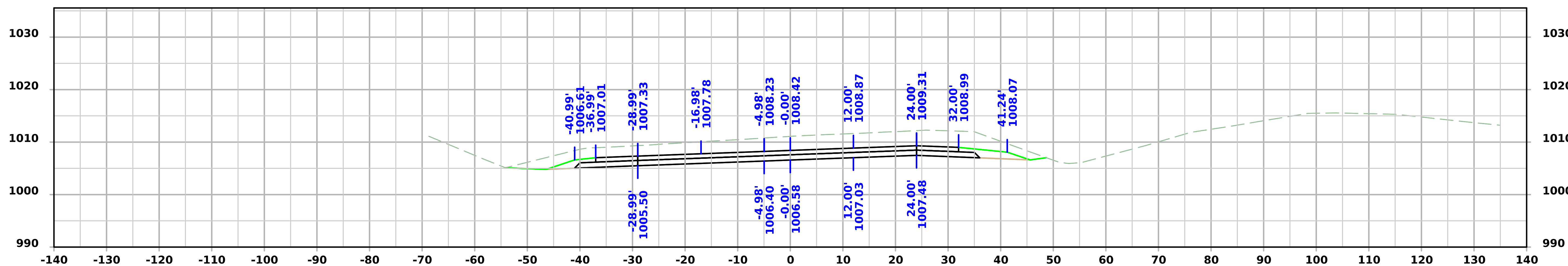
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.89

4:39:58 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

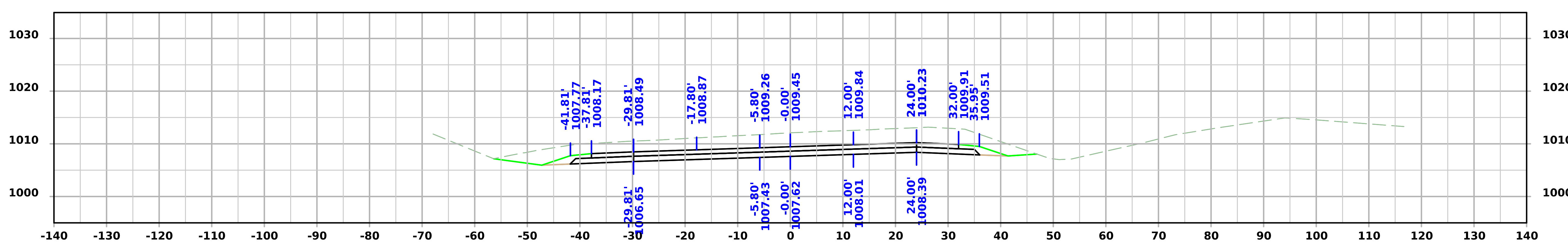
Iowa 9



STA 157+25.00



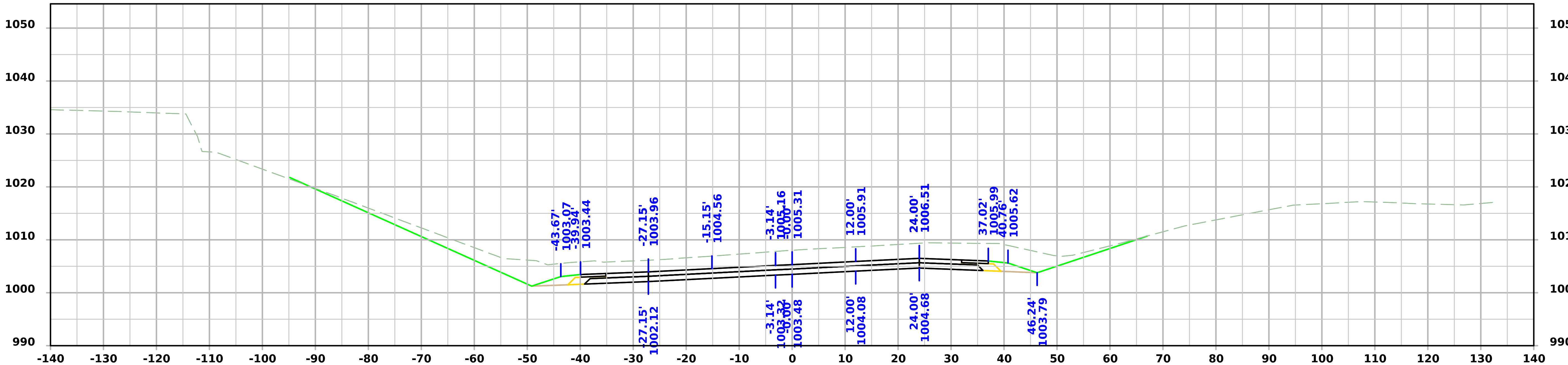
STA 157+00.00



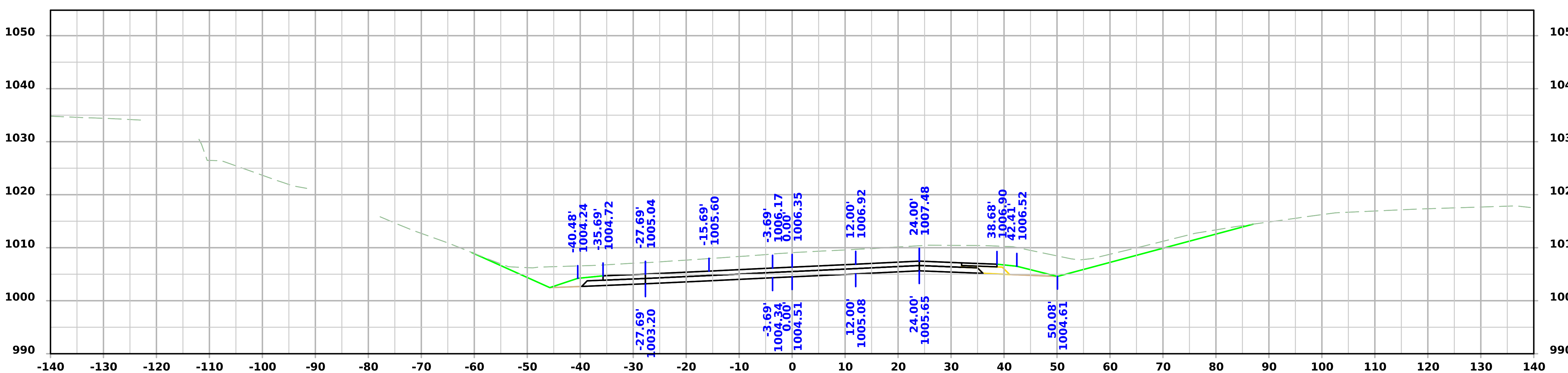
STA 156+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.90

Iowa 9



STA 157+75.00

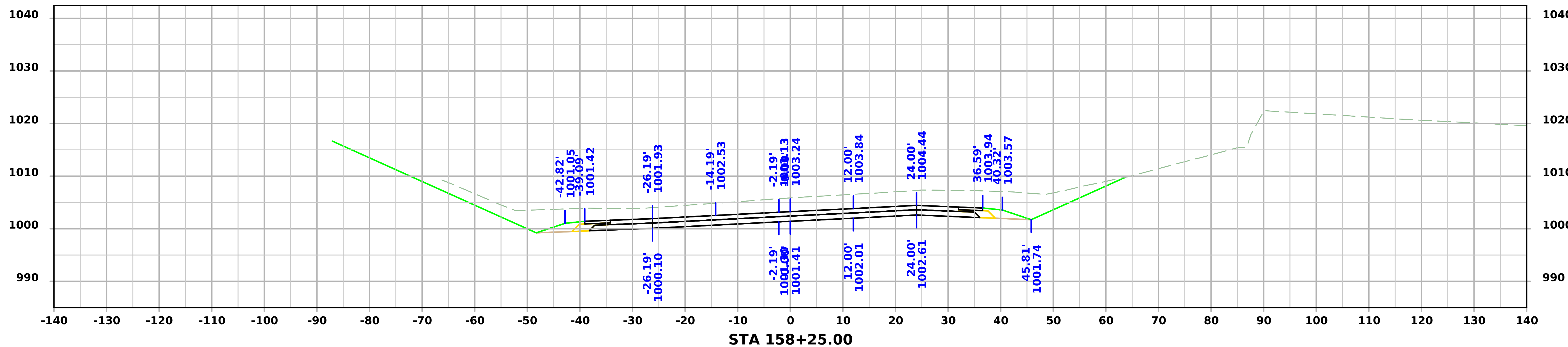


STA 157+50.00

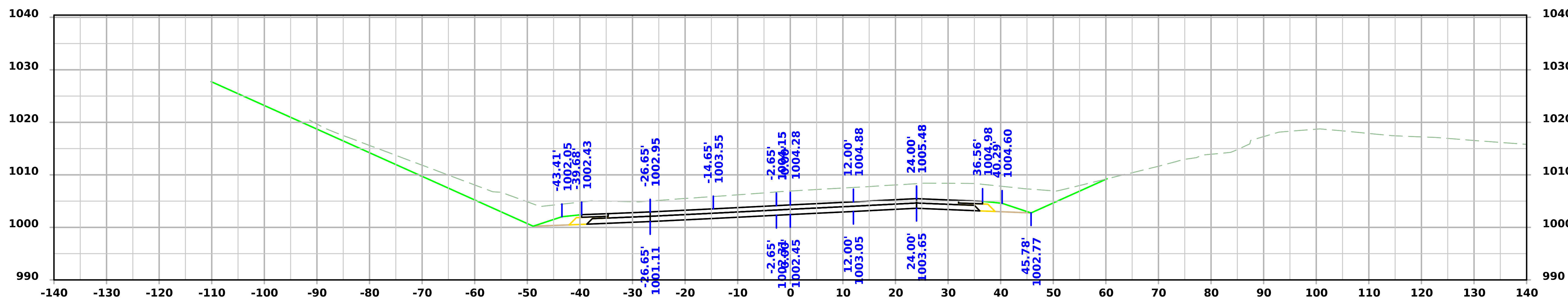
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.91

4:40:02 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 158+25.00

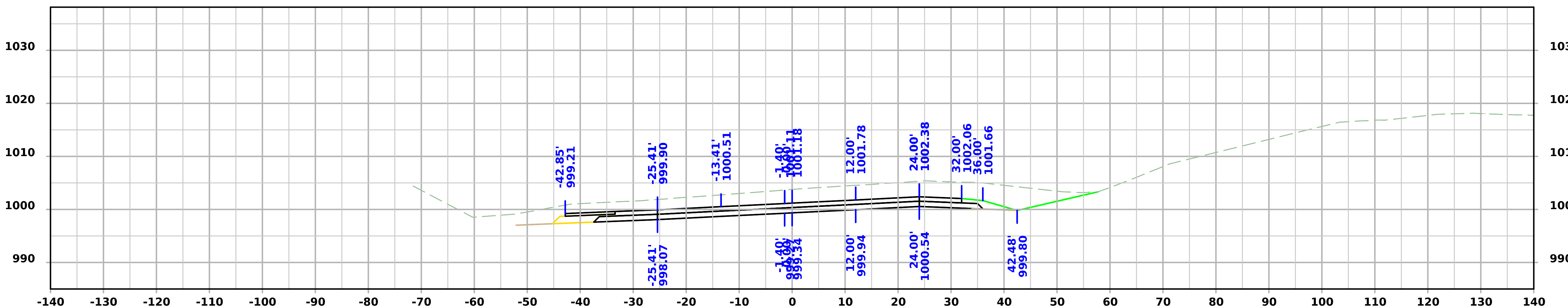


STA 158+00.00

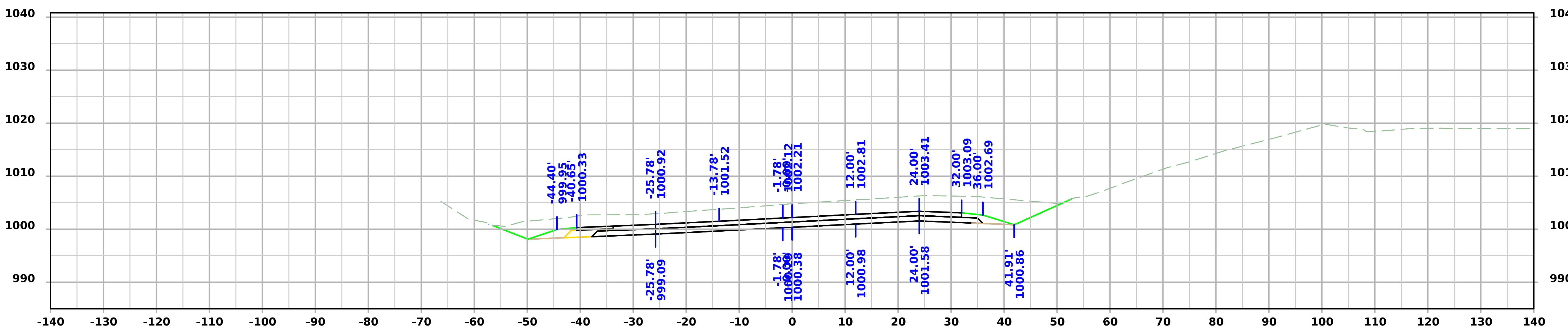
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.92

4:40:04 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 158+75.00

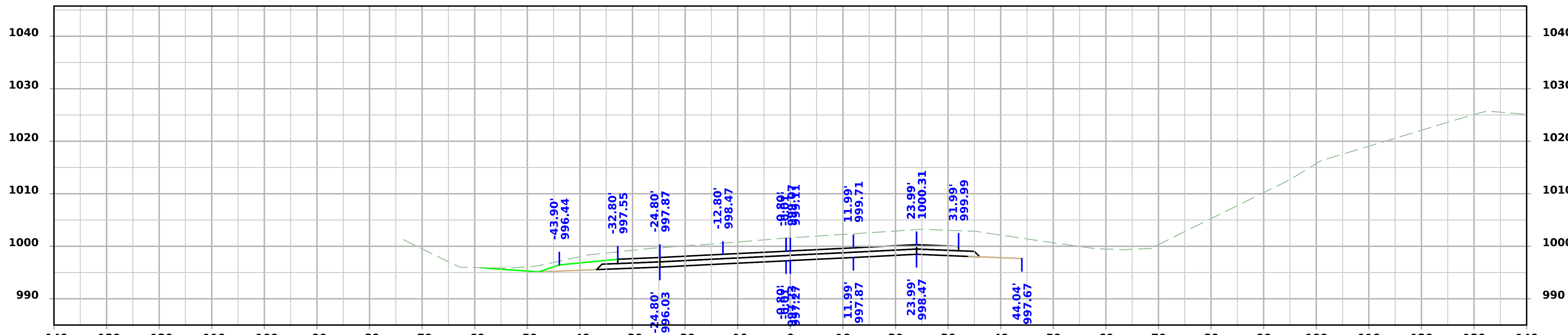


STA 158+50.00

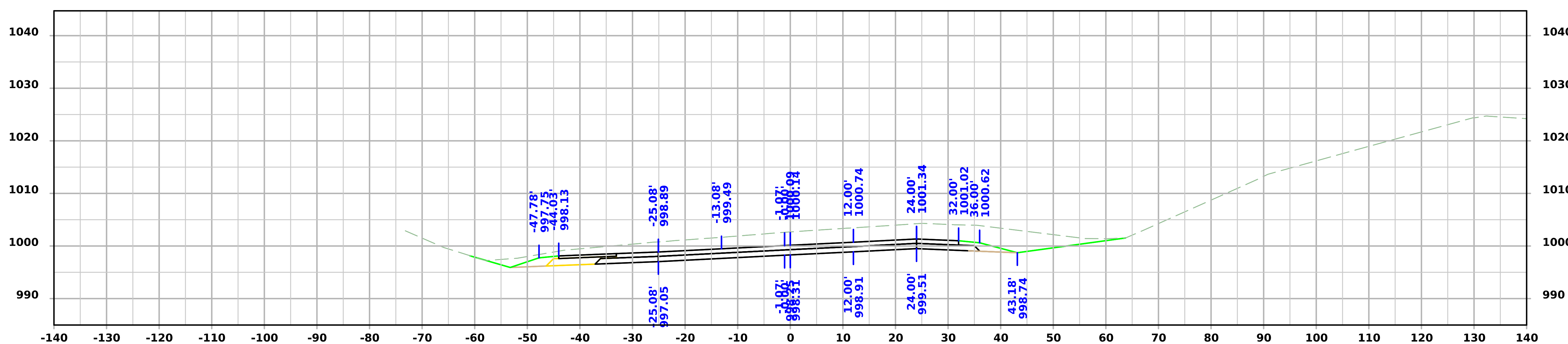
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.93

4:40:05 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



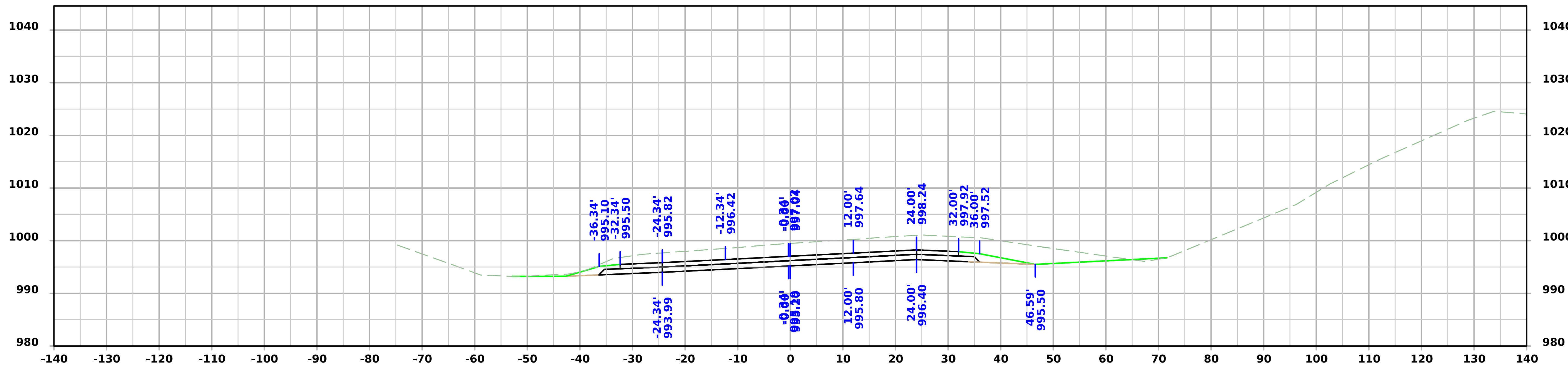
STA 159+25.00

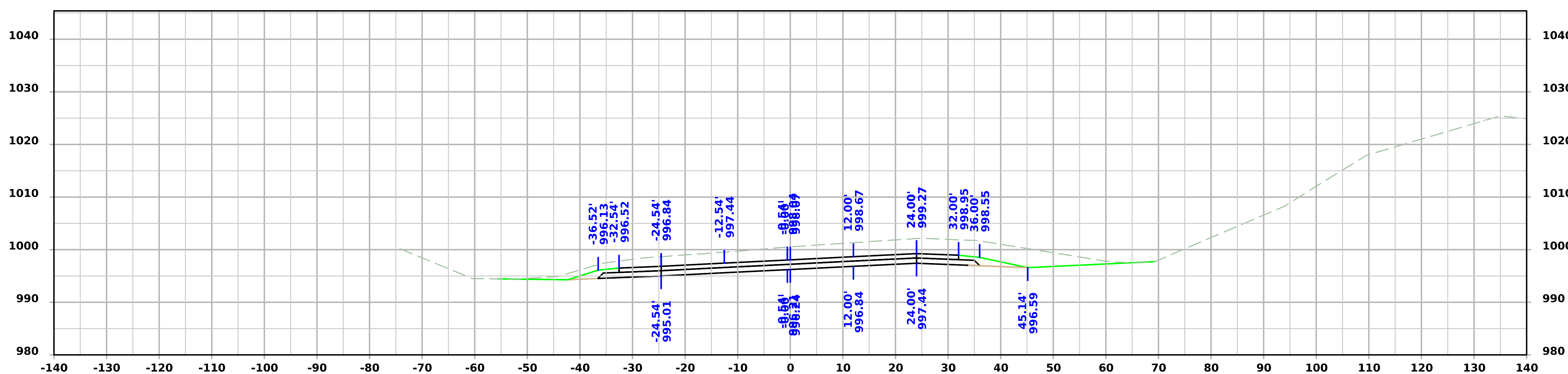


STA 159+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.94

Iowa 9

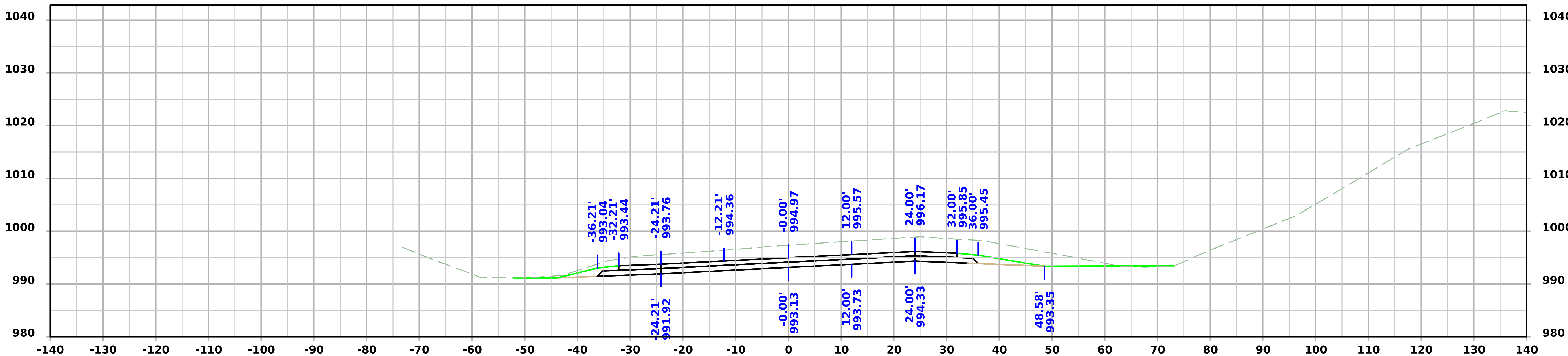




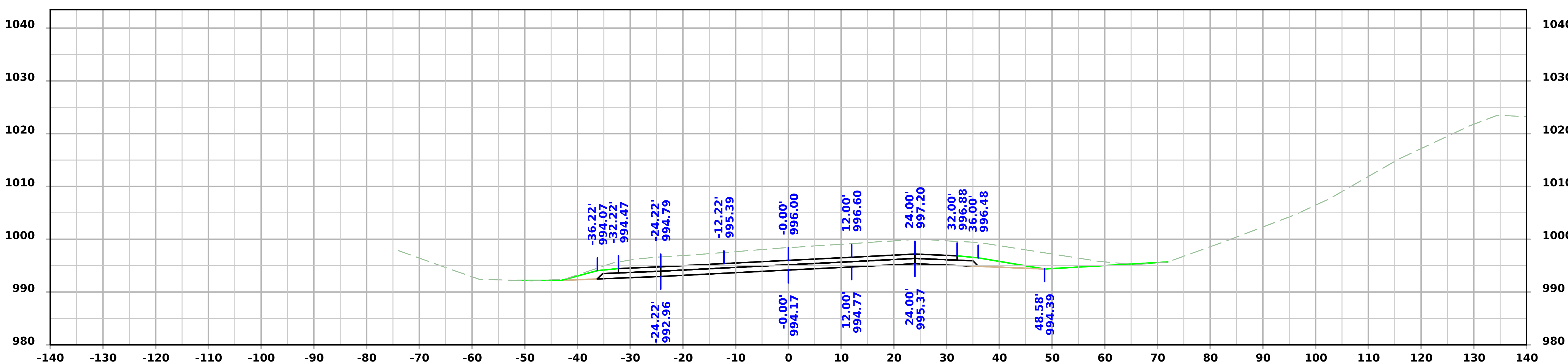
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.95

4:40:08 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 160+25.00

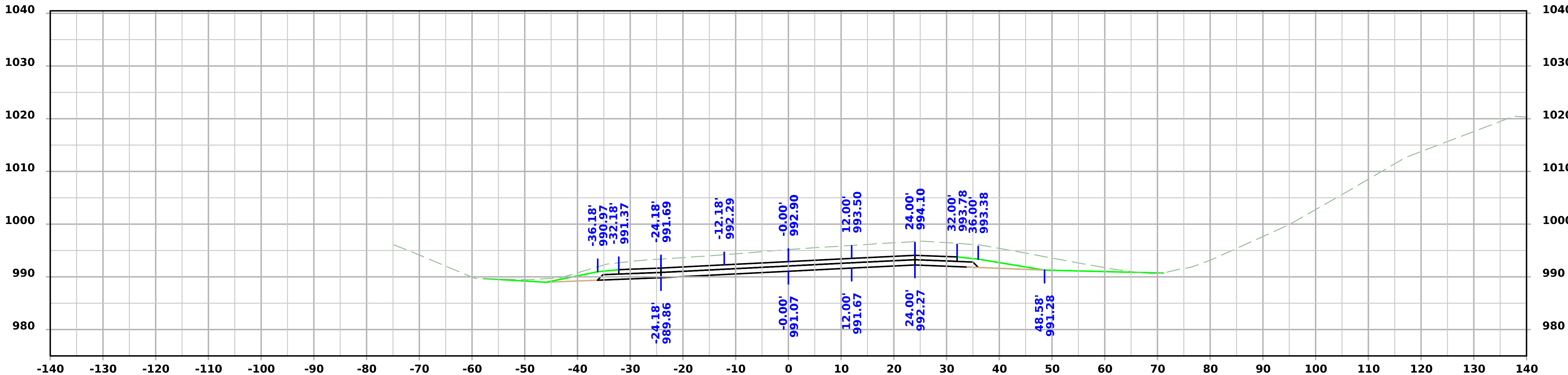


STA 160+00.00

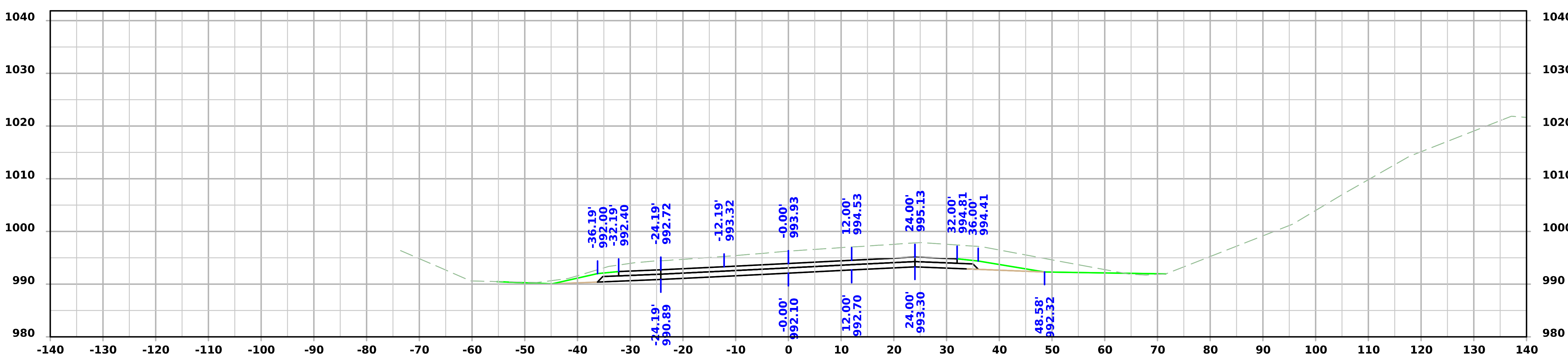
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.96

4:40:09 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9

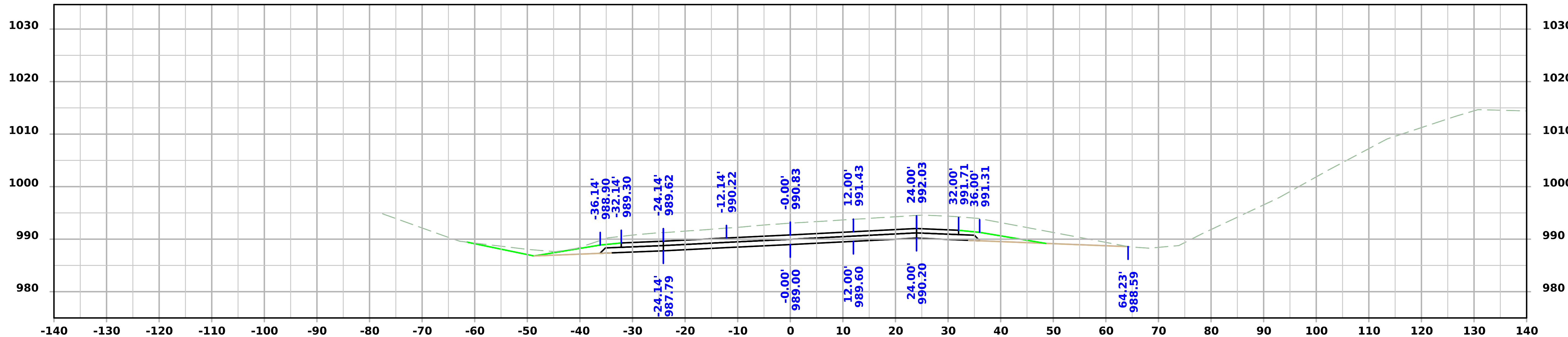


STA 160+75.00

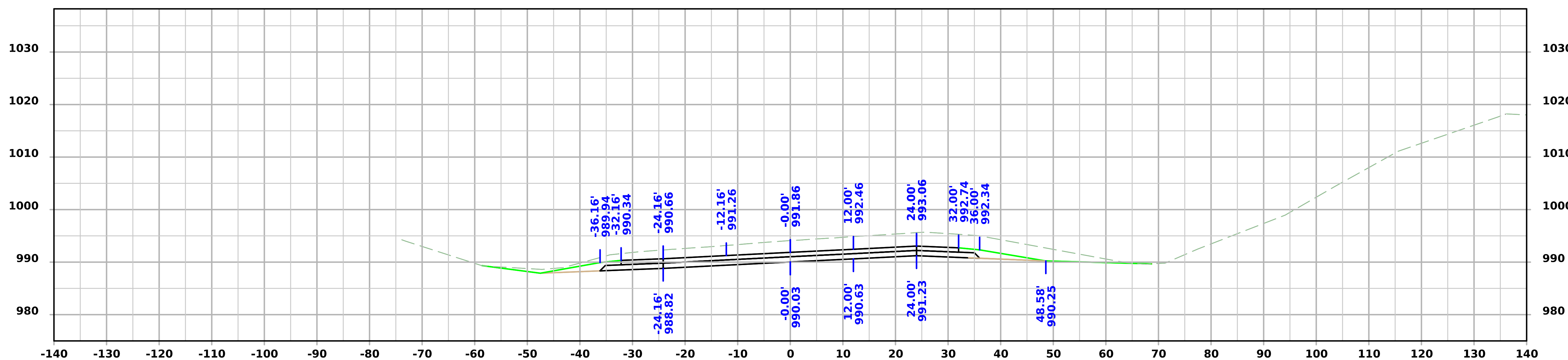


STA 160+50.00

Iowa 9



STA 161+25.00

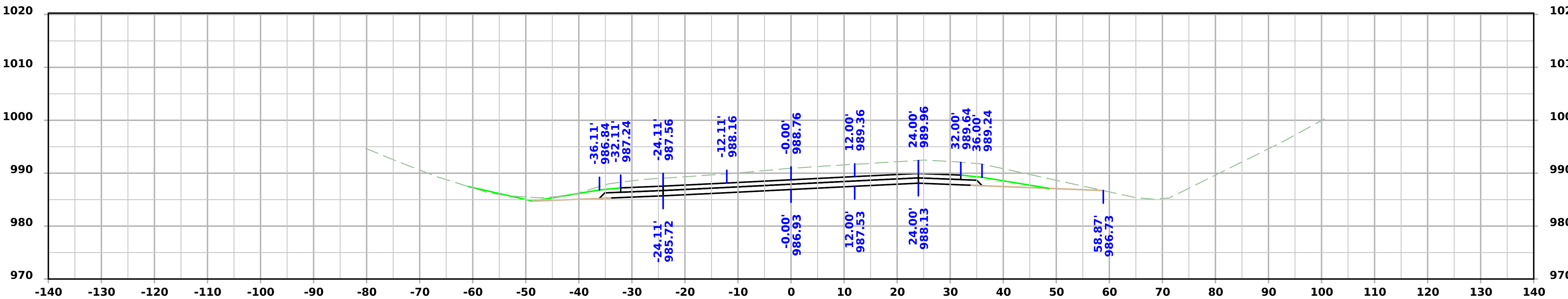


STA 161+00.00

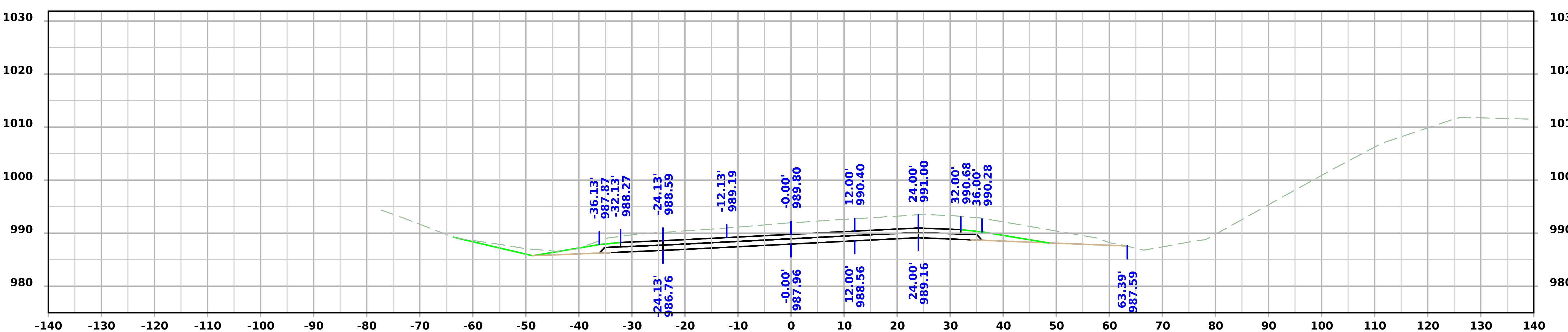
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.98

4:40:12 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 161+75.00

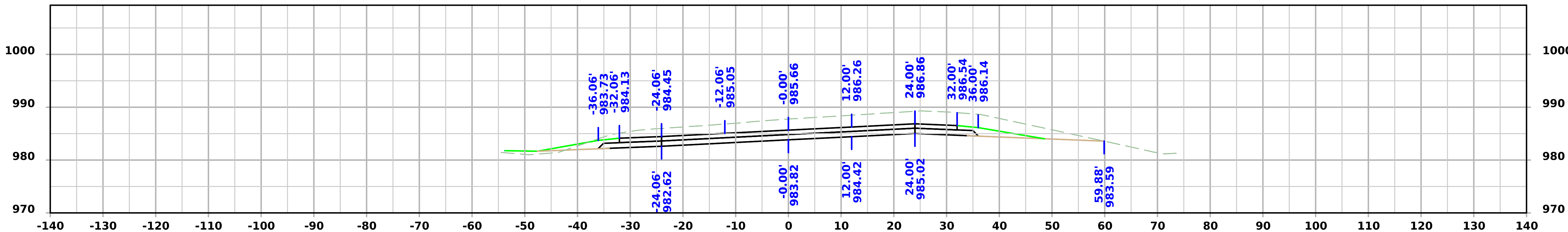


STA 161+50.00

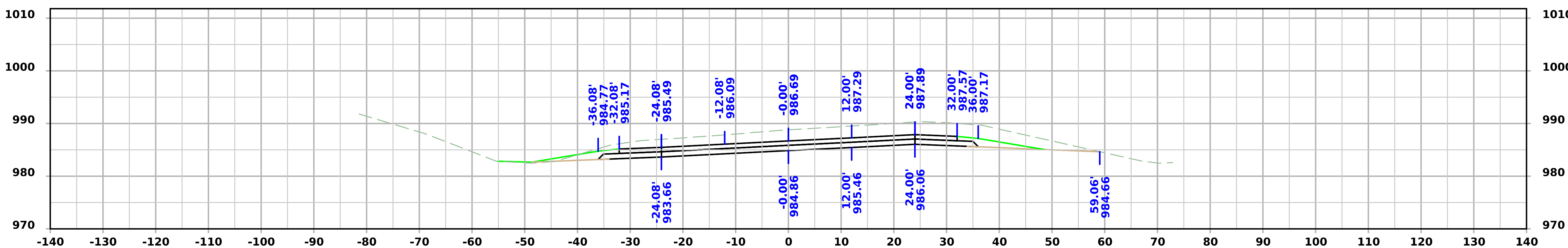
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.99

4:40:14 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

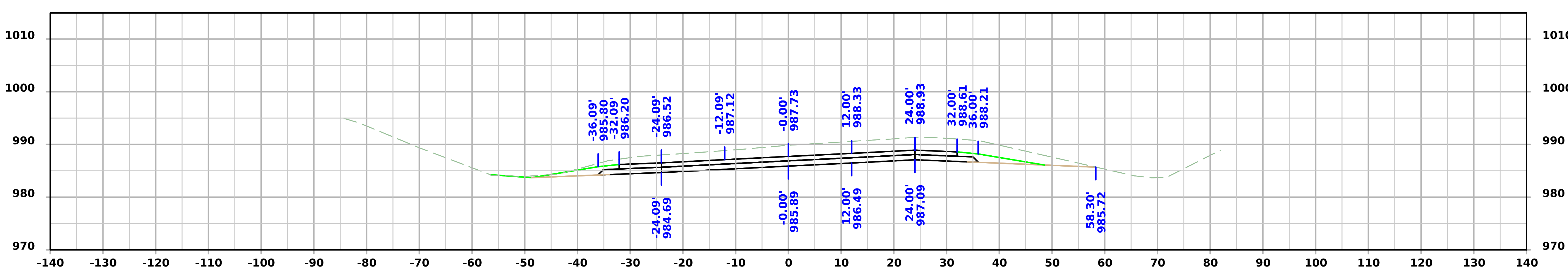
Iowa 9



STA 162+50.00



STA 162+25.00

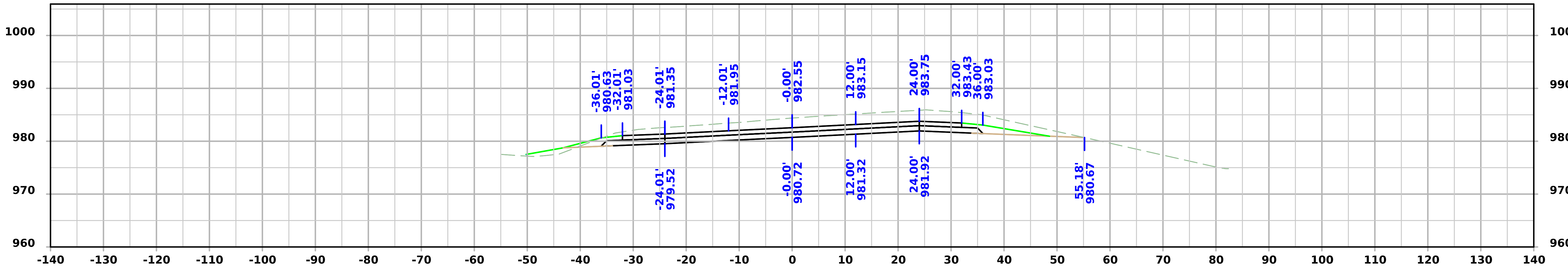


STA 162+00.00

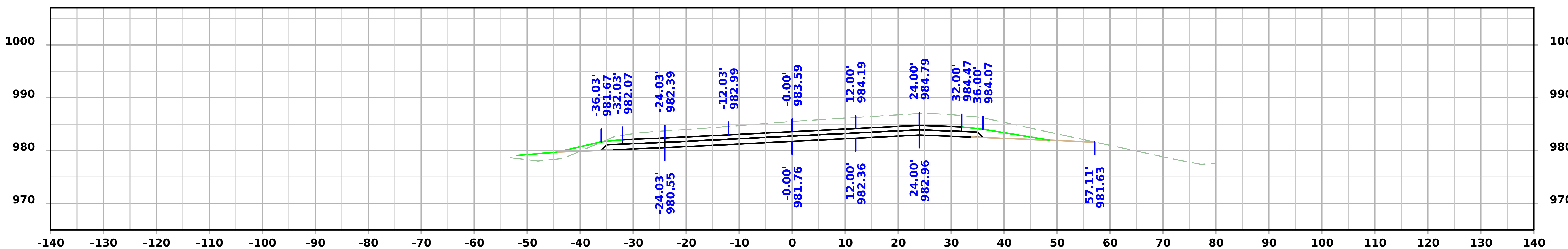
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.100

4:40:15 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

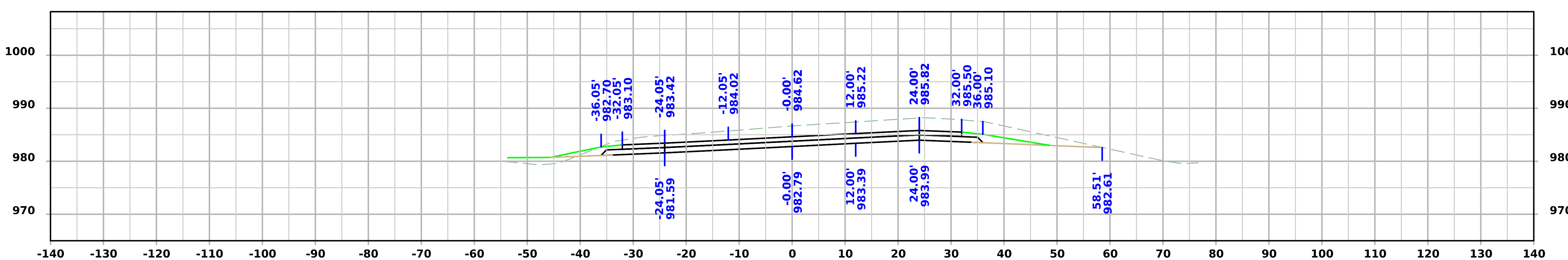
Iowa 9



STA 163+25.00



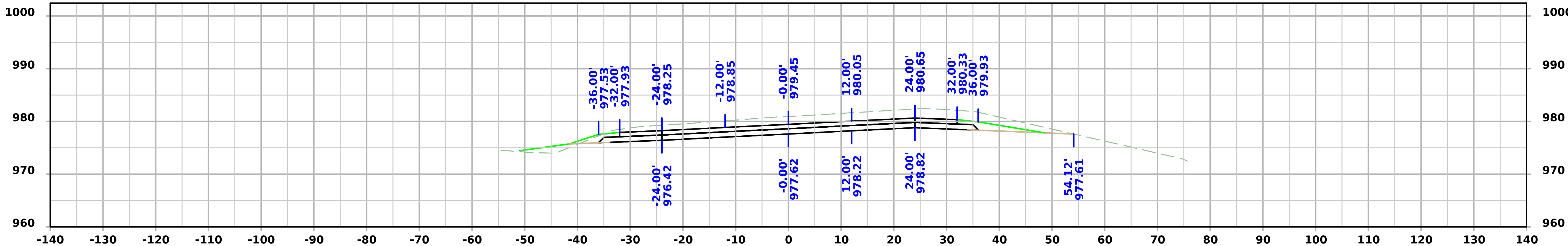
STA 163+00.00



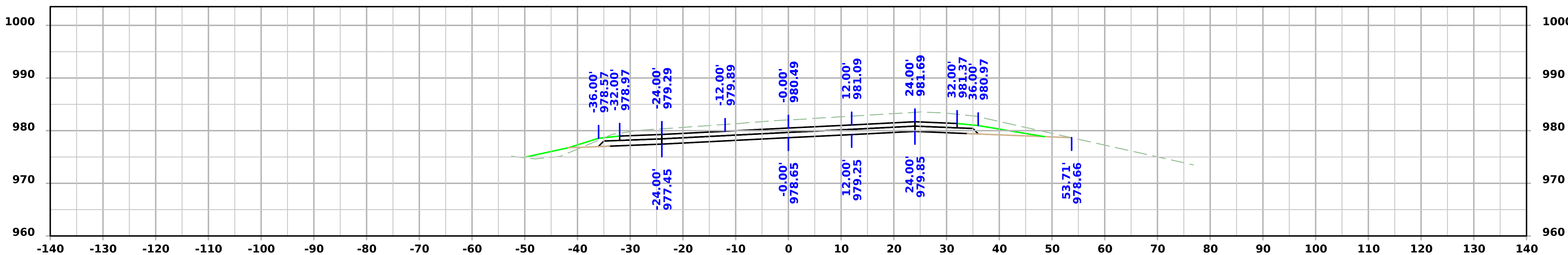
STA 162+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.101

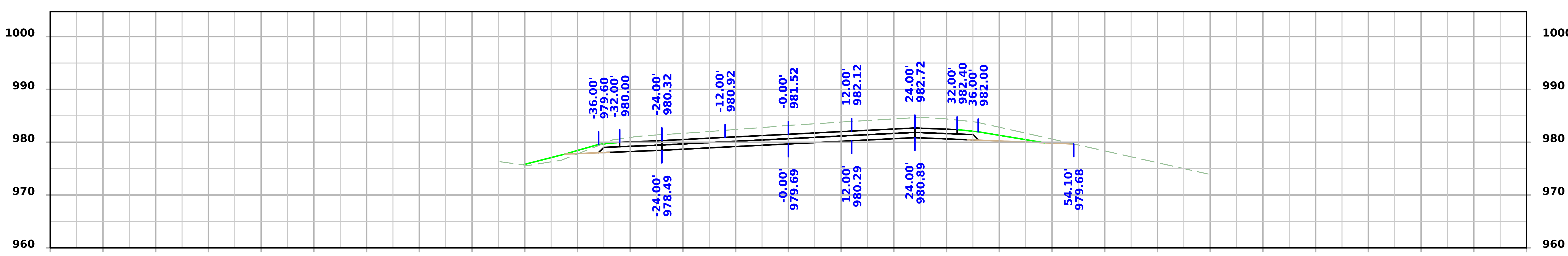
Iowa 9



STA 164+00.00



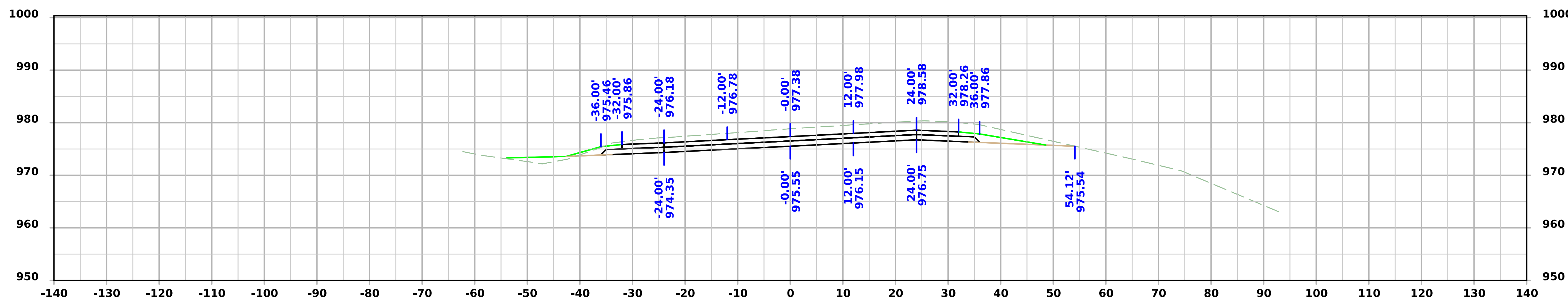
STA 163+75.00



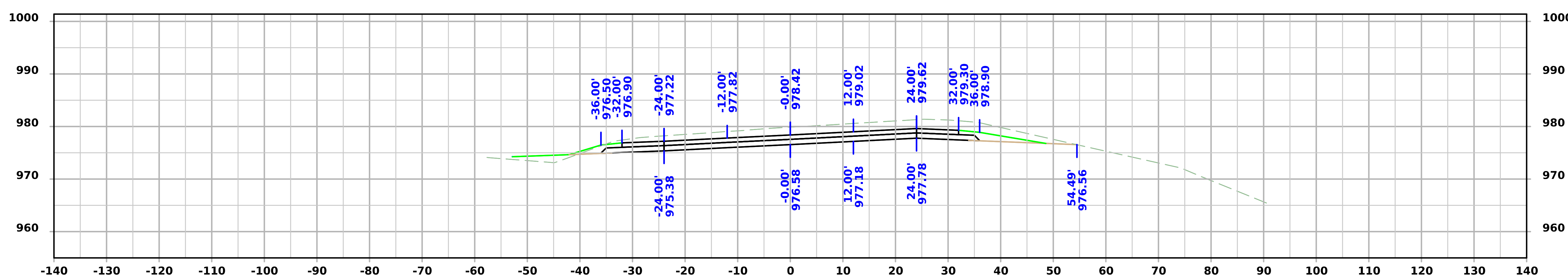
STA 163+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.102

Iowa 9

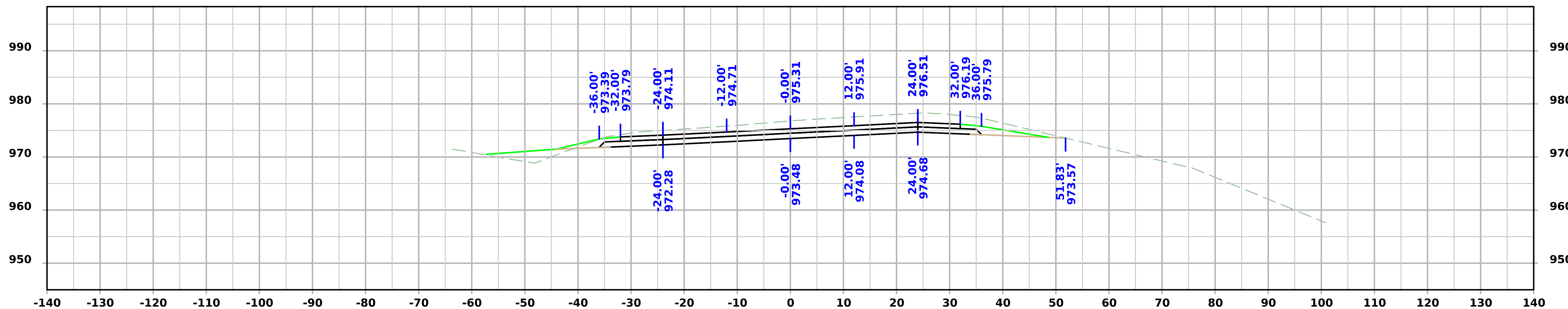


STA 164+50.00

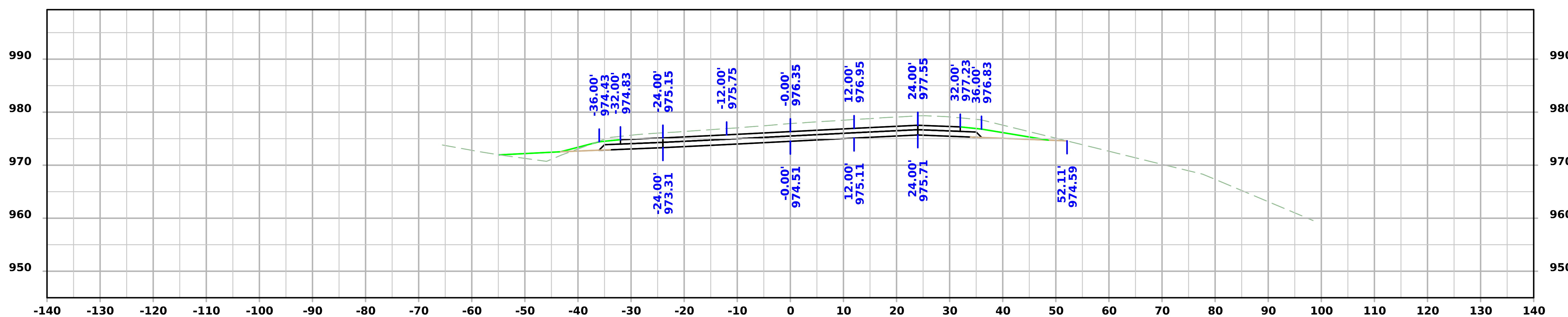


STA 164+25.00

Iowa 9



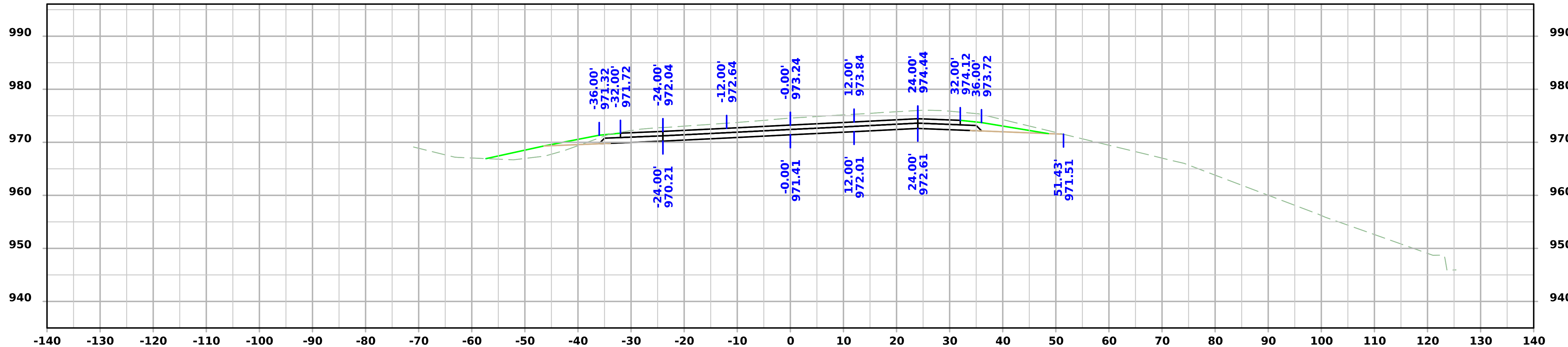
STA 165+00.00



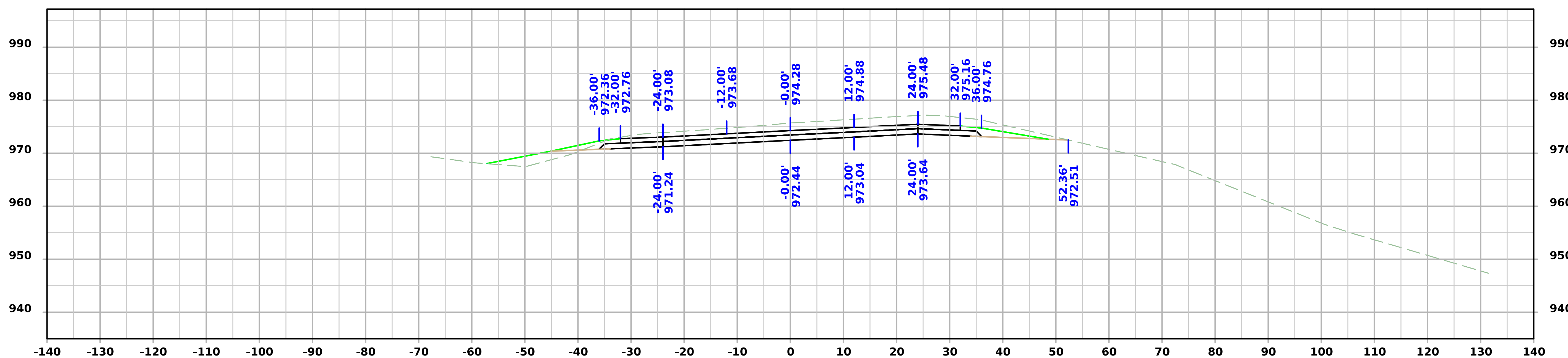
STA 164+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.104

Iowa 9



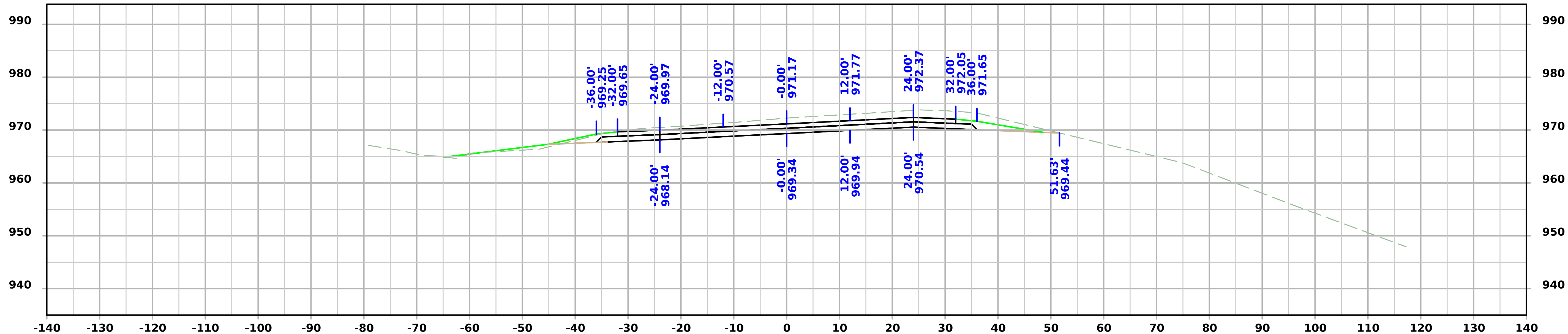
STA 165+50.00



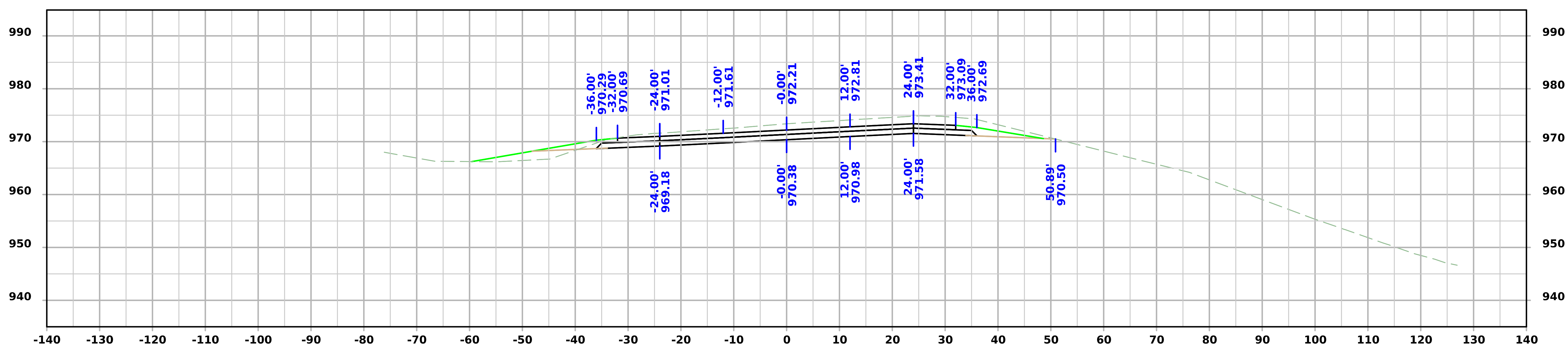
STA 165+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.105

Iowa 9



STA 166+00.00



STA 165+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.106

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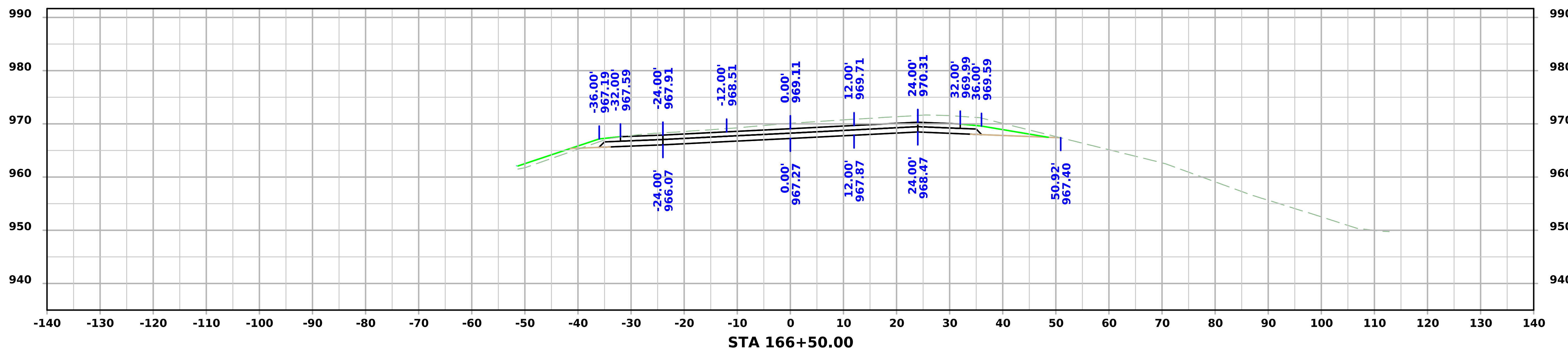
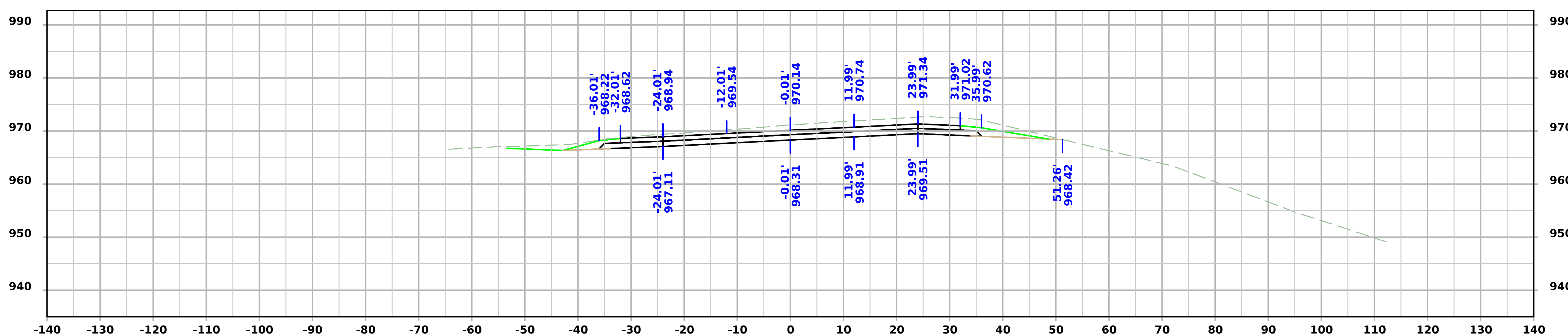
Iowa 9



STA 166+50.00

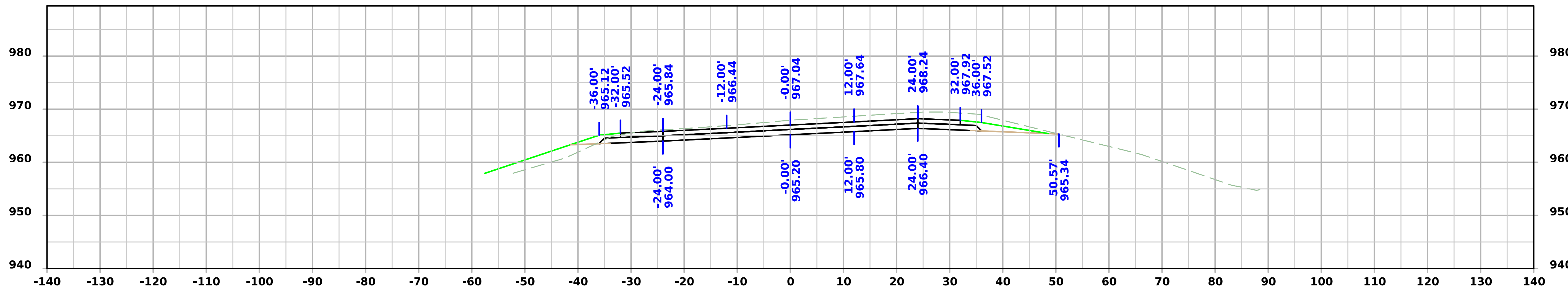


STA 166+25.00

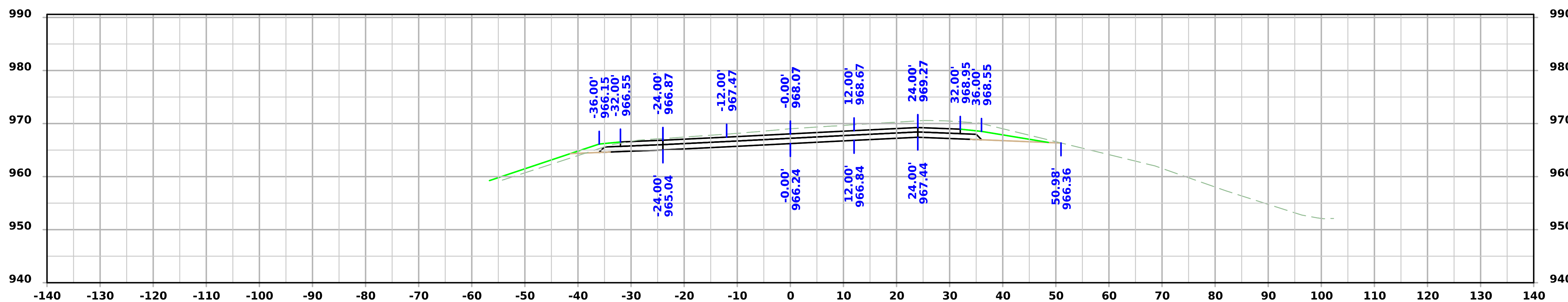
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.107

4:40:26 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9

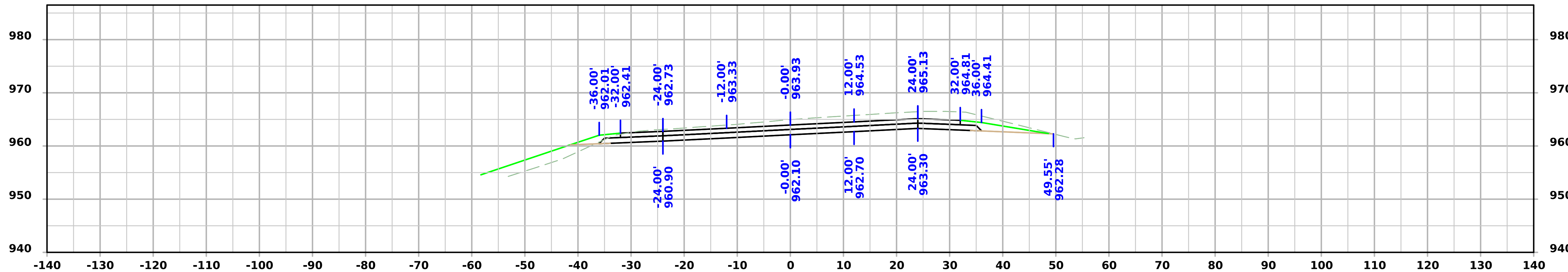


STA 167+00.00

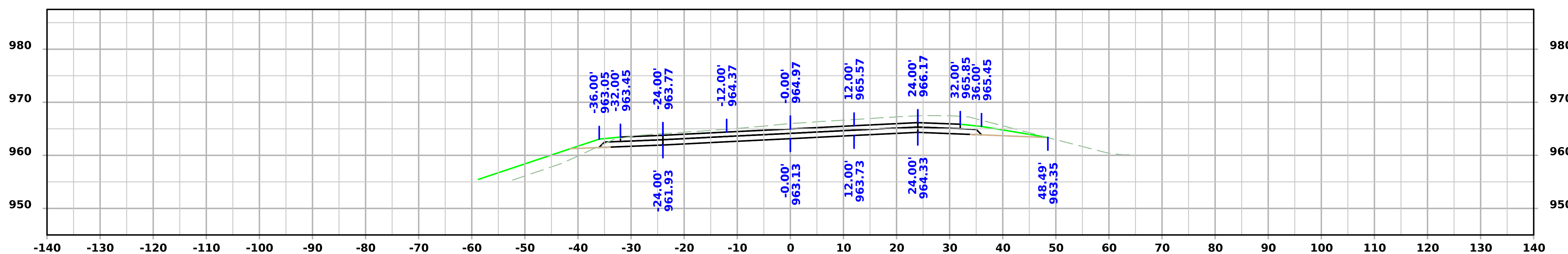


STA 166+75.00

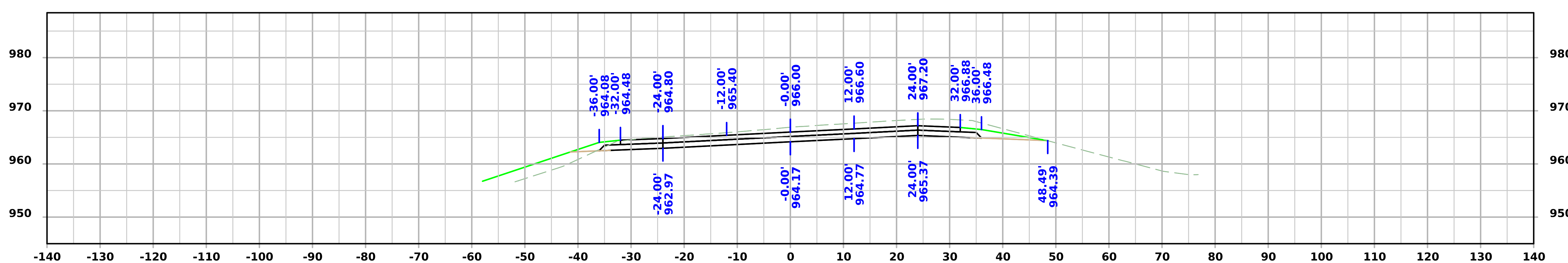
Iowa 9



STA 167+75.00



STA 167+50.00



STA 167+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.109

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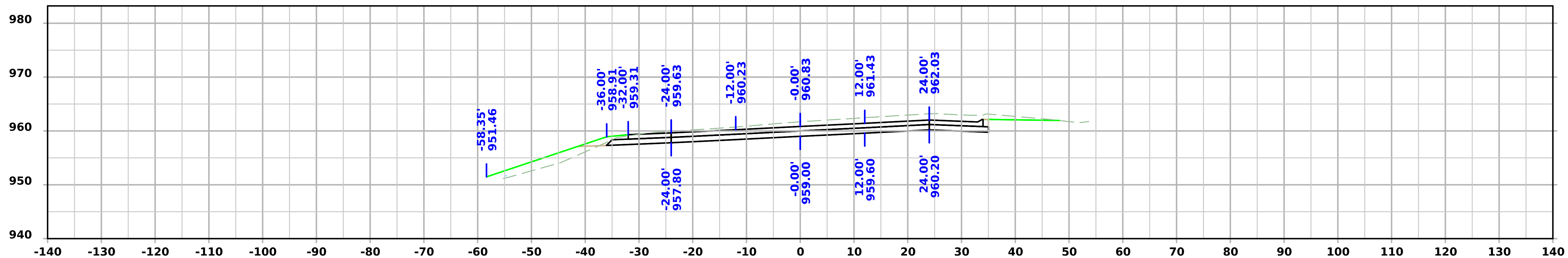
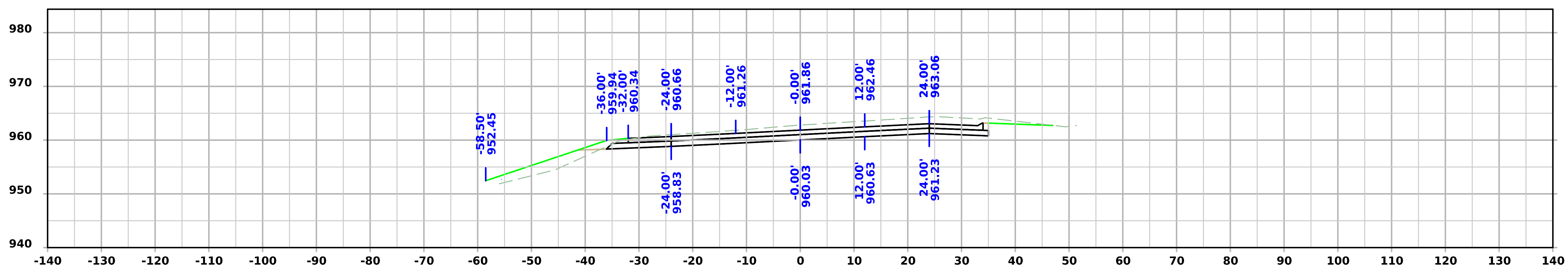
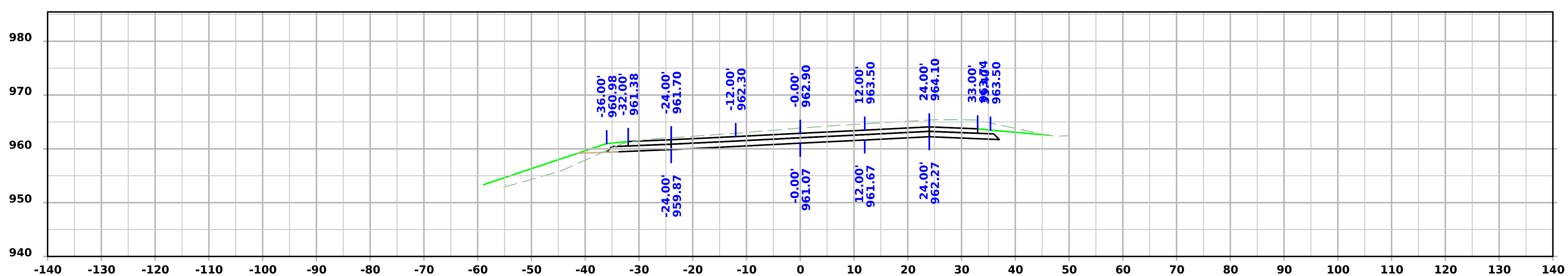
Iowa 9



STA 168+50.00



STA 168+25.00



STA 168+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.110

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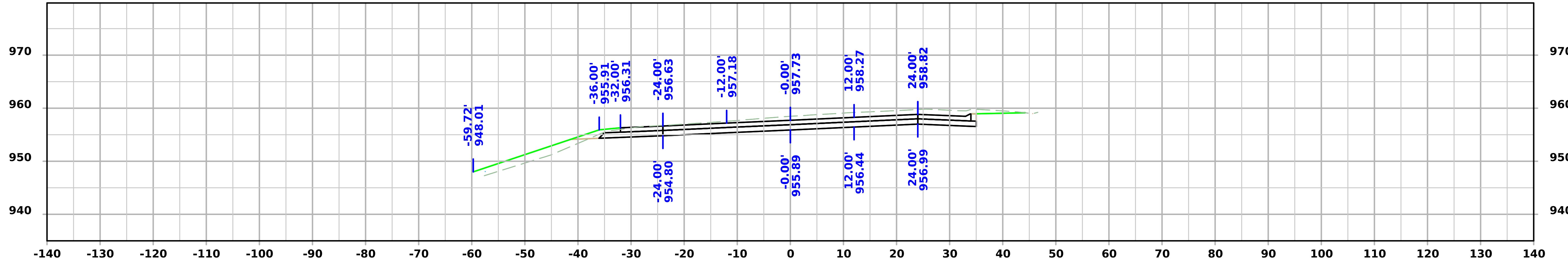
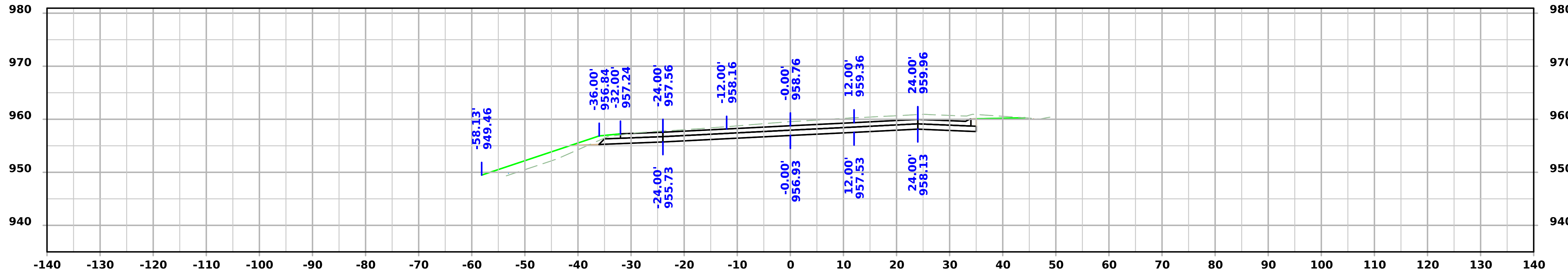
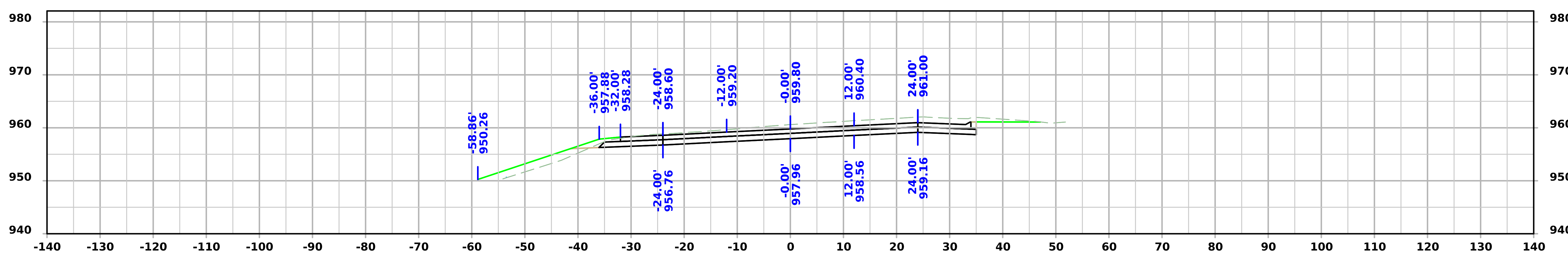
Iowa 9



STA 169+25.00



STA 169+00.00



STA 168+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.111

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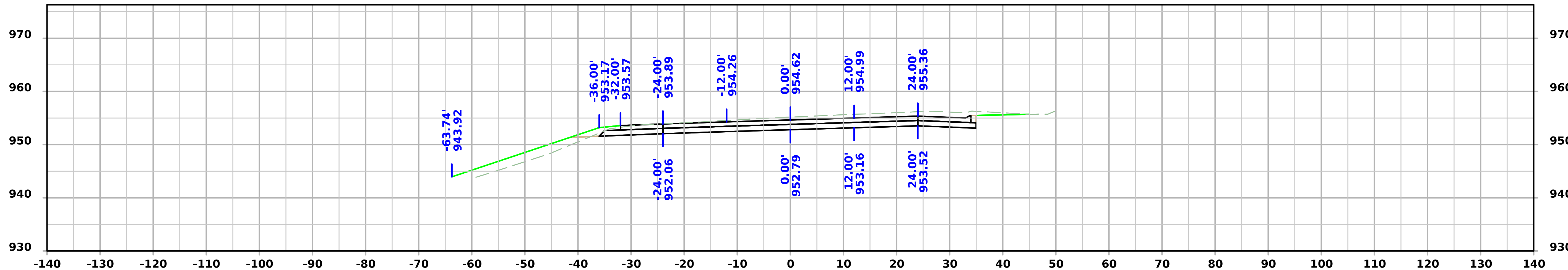
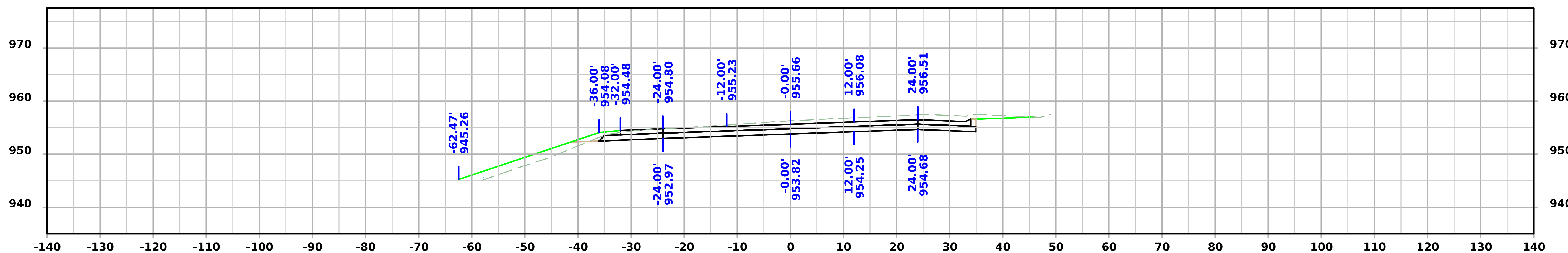
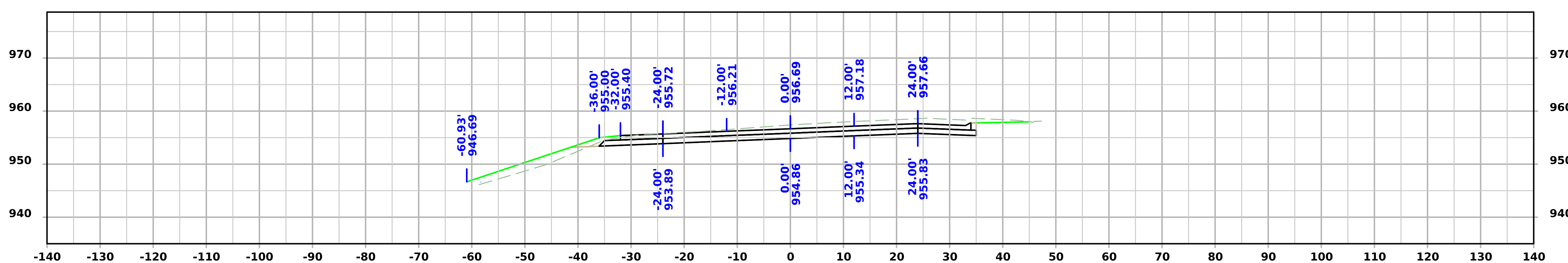
Iowa 9



STA 170+00.00



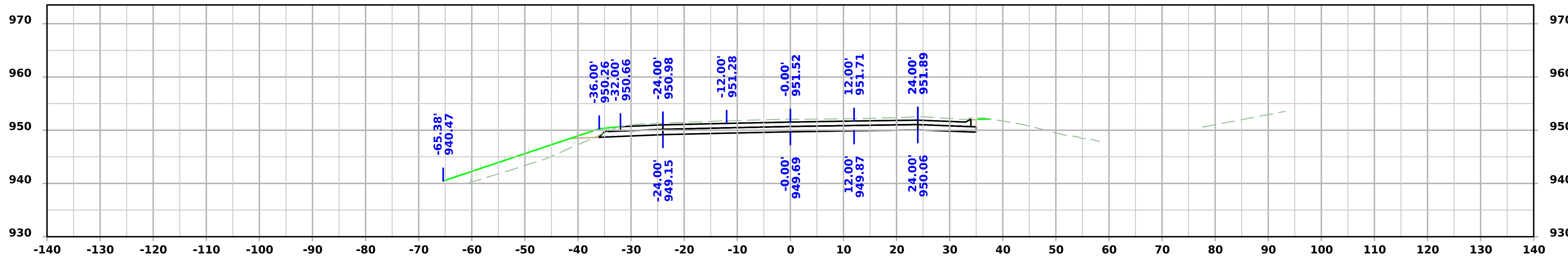
STA 169+75.00



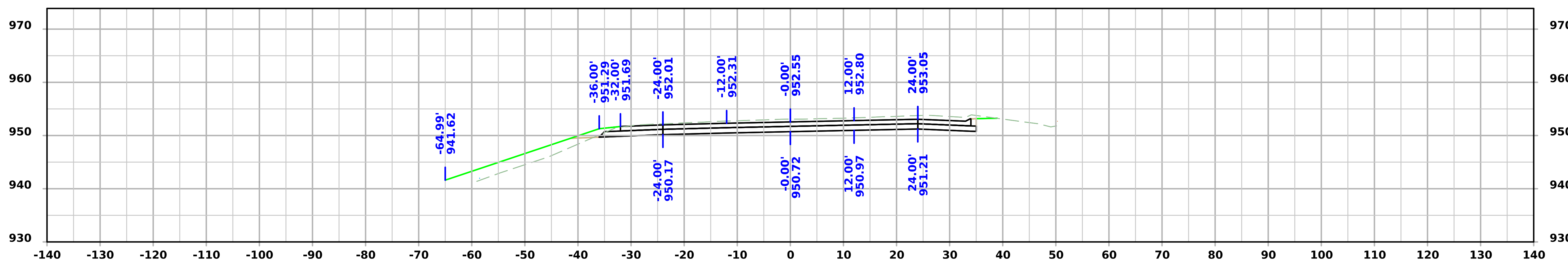
STA 169+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.112

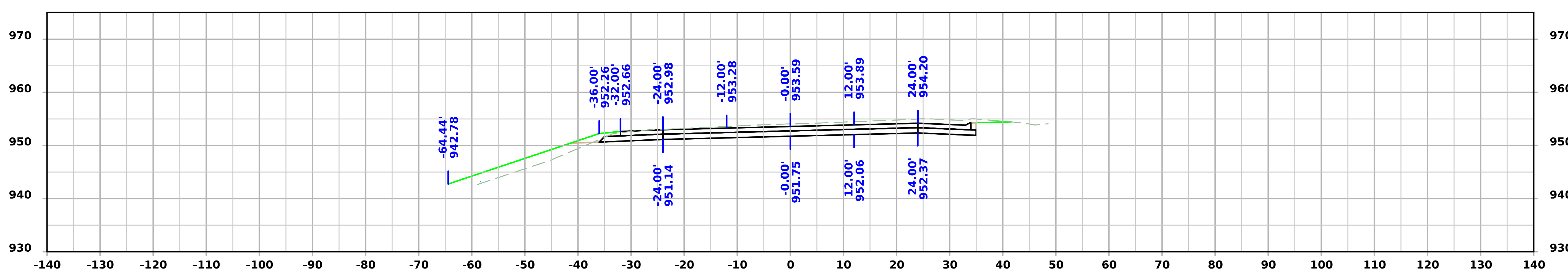
Iowa 9



STA 170+75.00



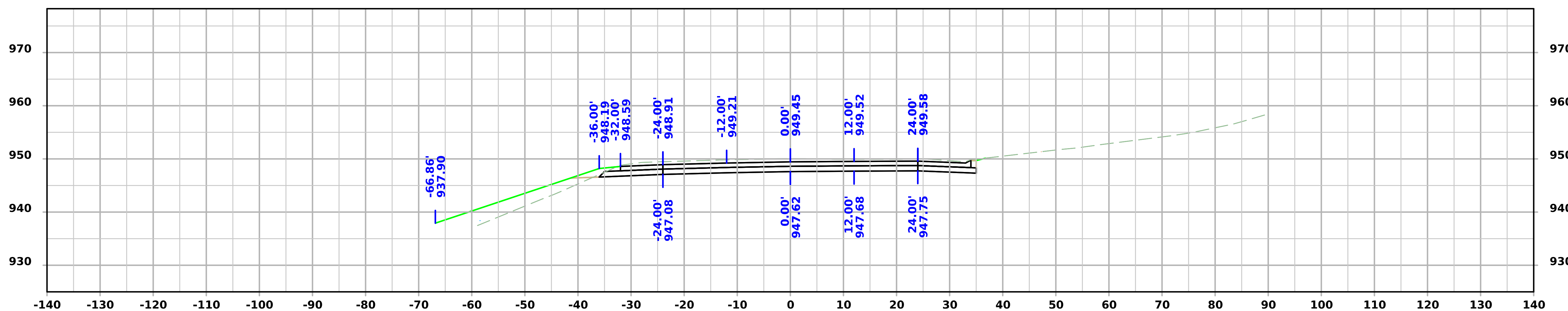
STA 170+50.00



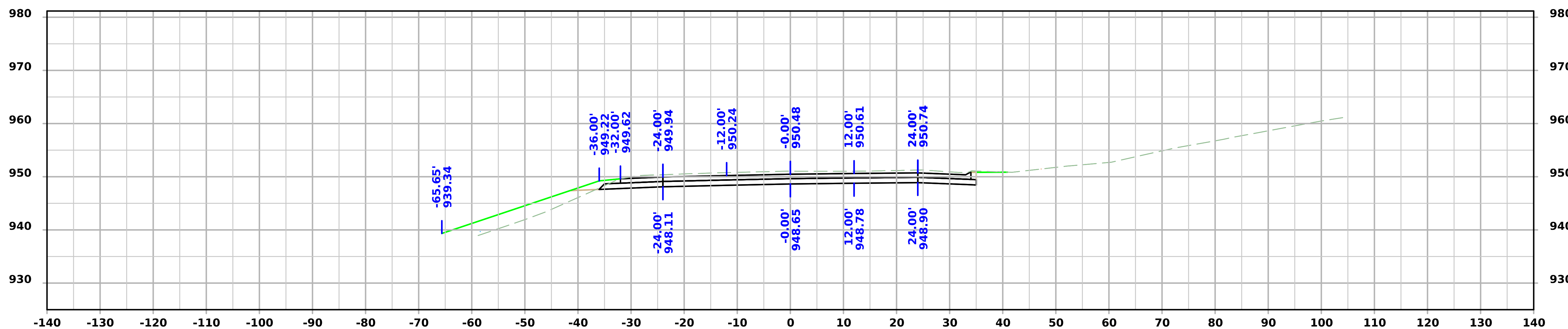
STA 170+25.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.113

Iowa 9



STA 171+25.00

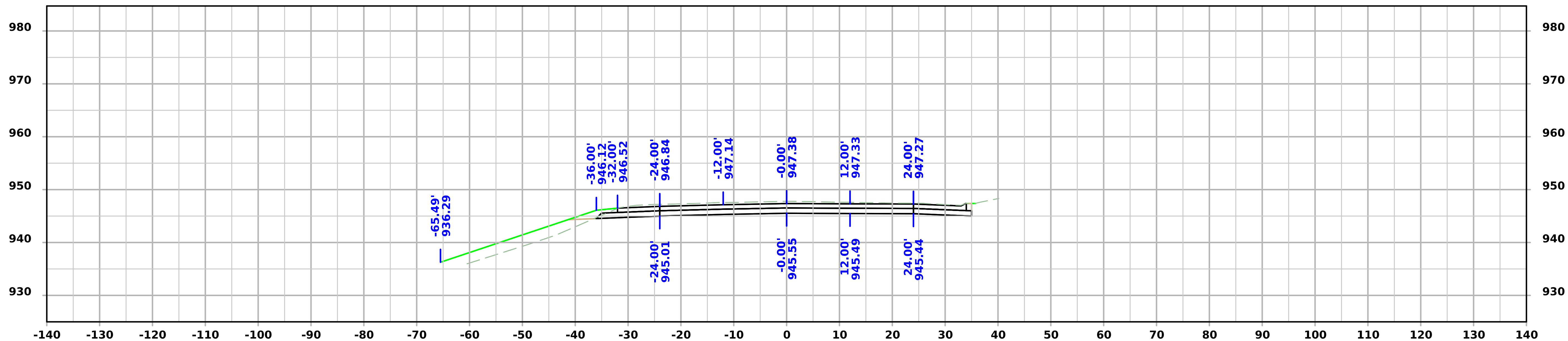


STA 171+00.00

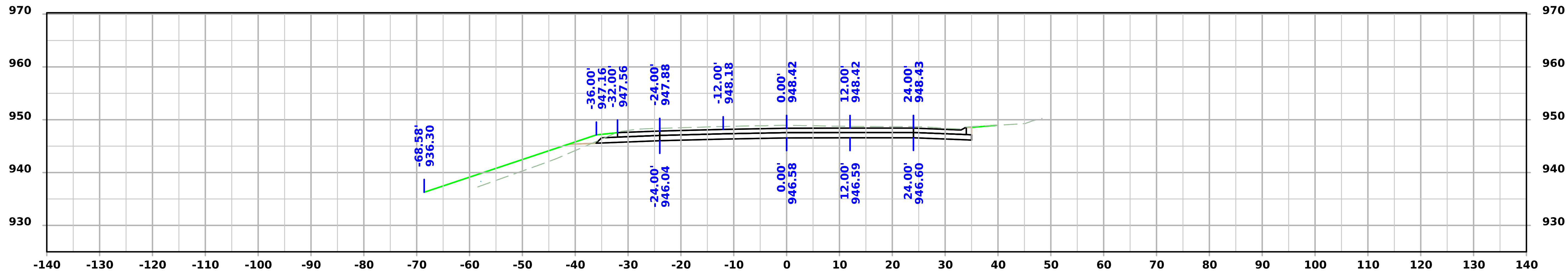
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.114

4:40:37 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



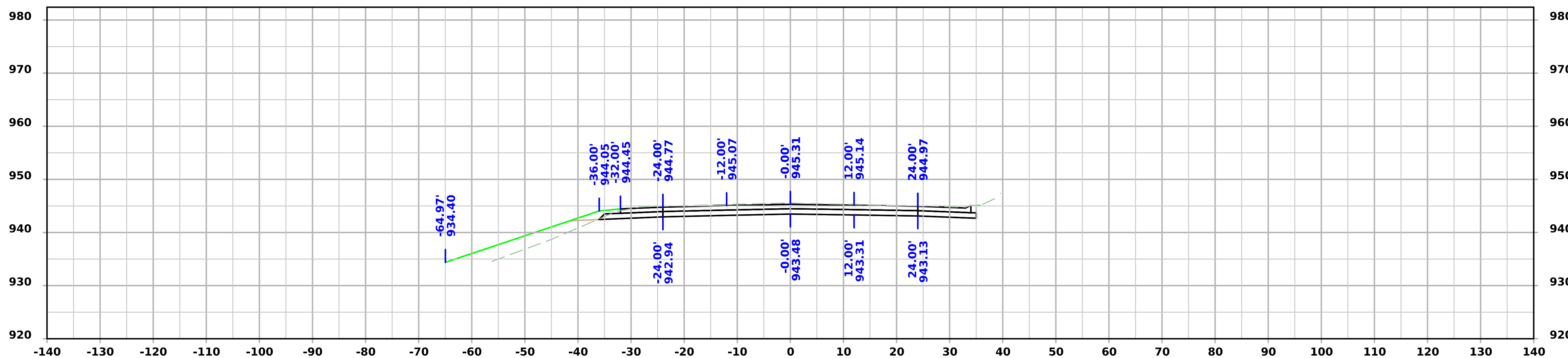
STA 171+75.00



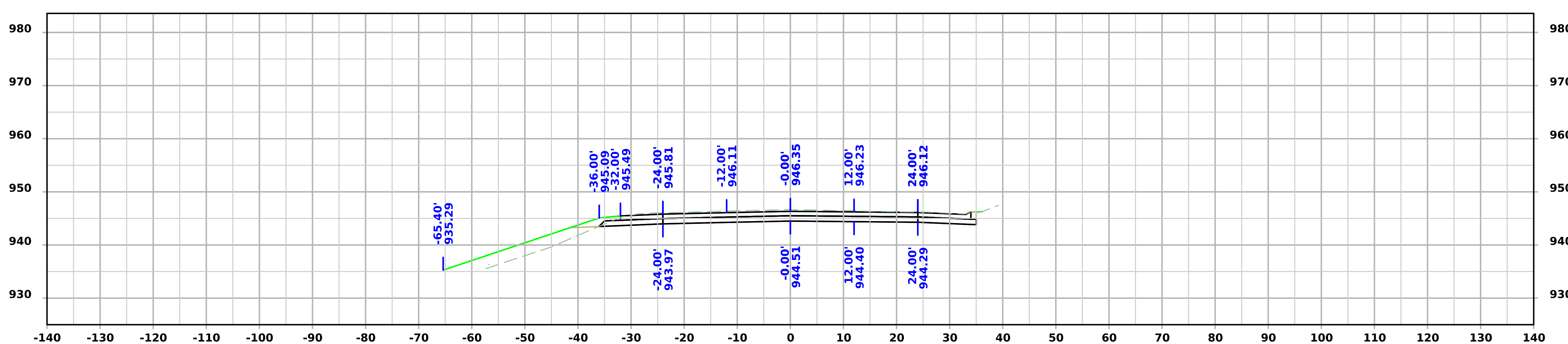
STA 171+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.115

Iowa 9



STA 172+25.00

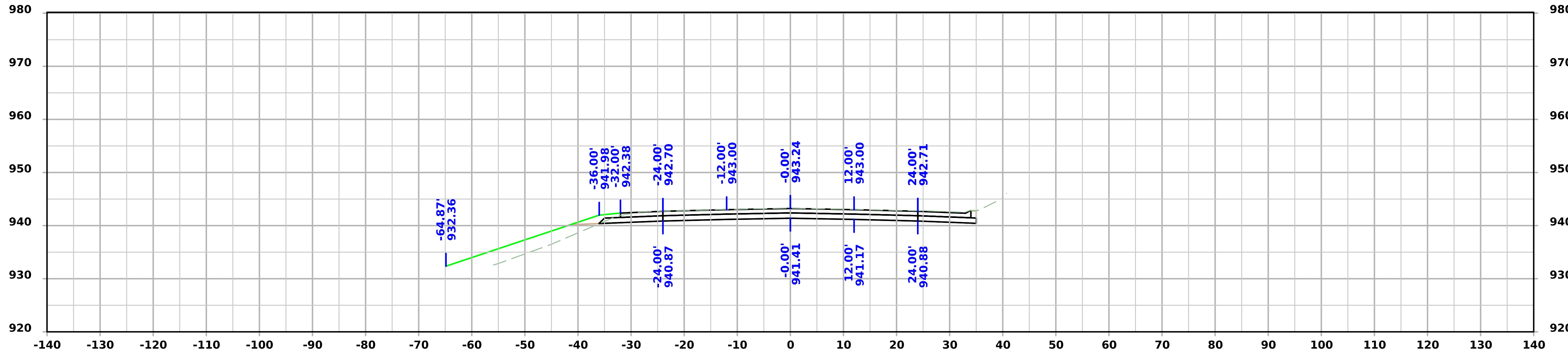


STA 172+00.00

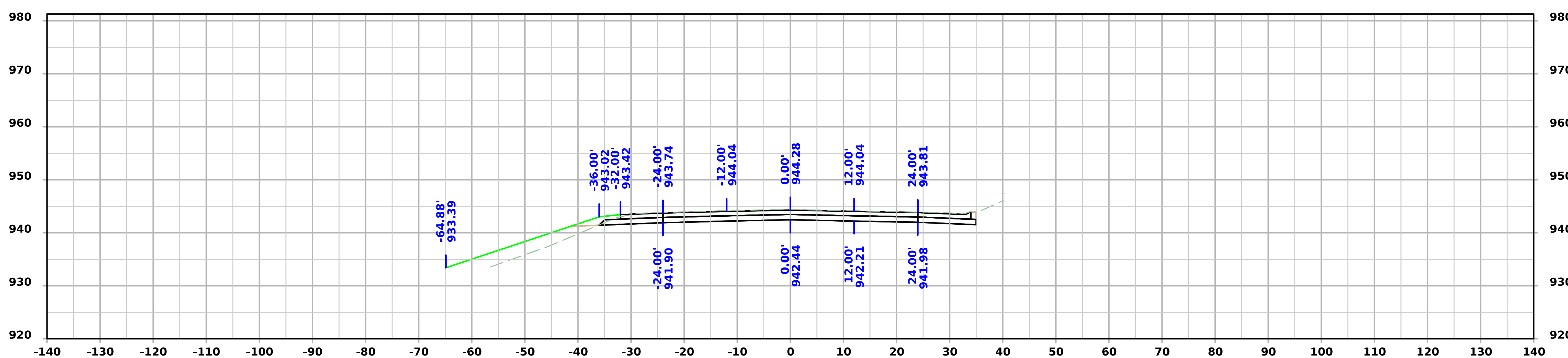
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.116

4:40:40 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

Iowa 9



STA 172+75.00

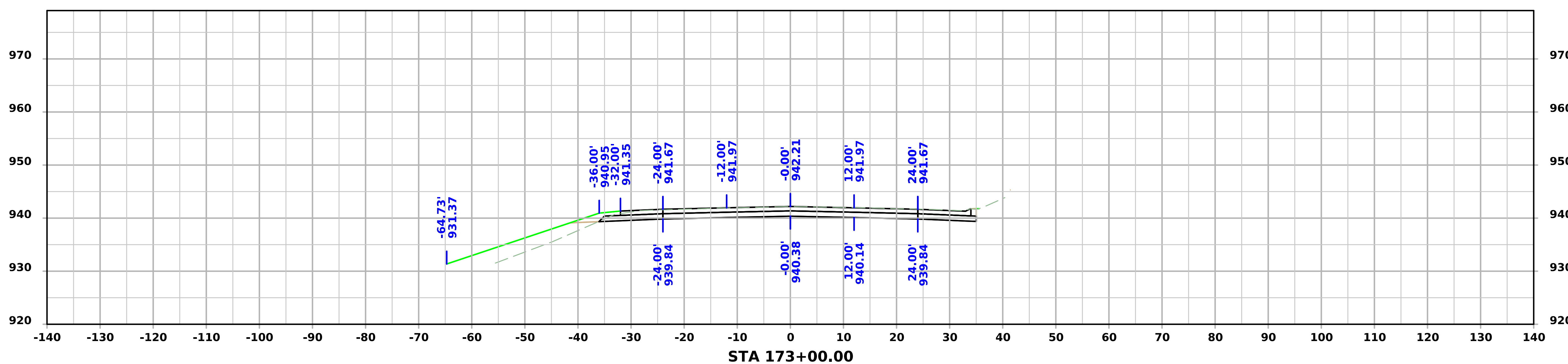


STA 172+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.117

4:40:41 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

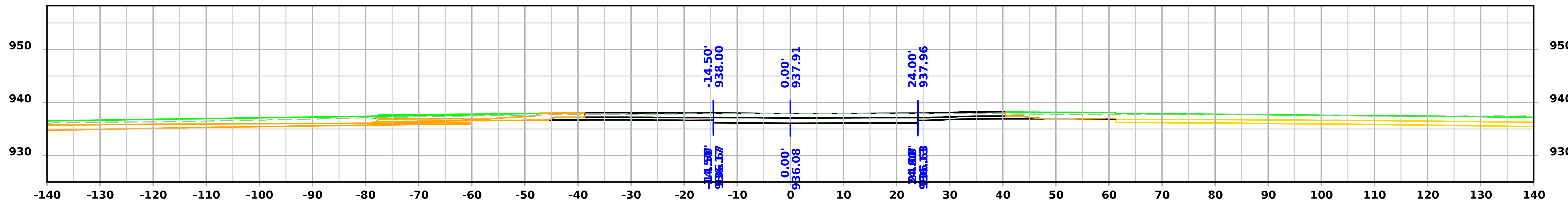
Iowa 9



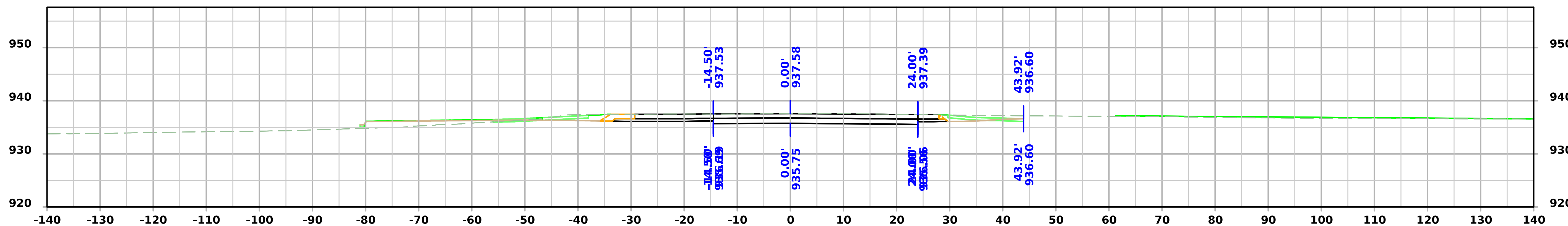
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER W.118

4:40:42 PM 1/22/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_W02_96009046Z02.dgn

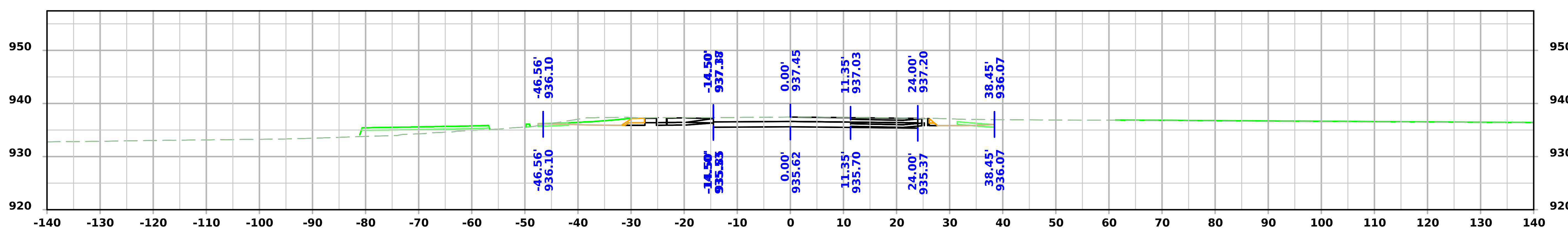
Park St. S



STA 1107+70.00



STA 1107+60.00

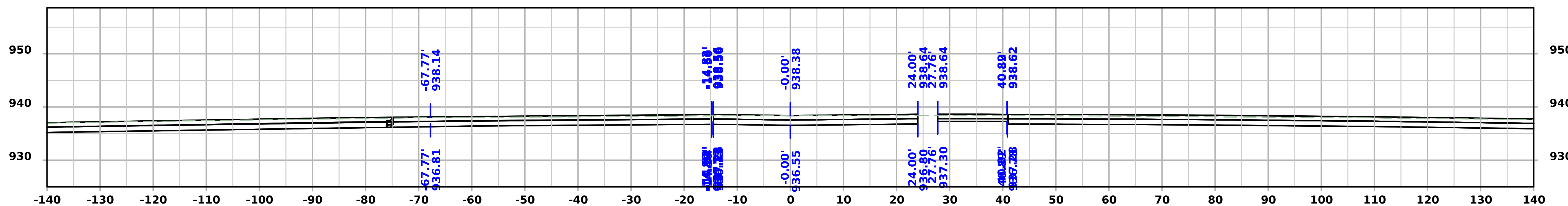


STA 1107+56.67

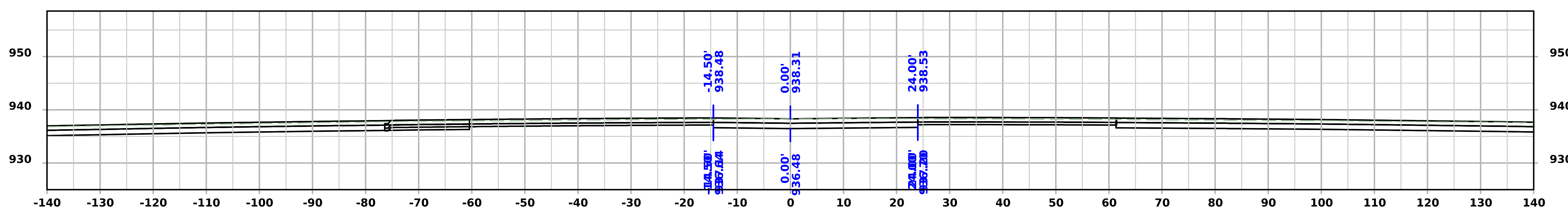
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.100

4:43:29 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X100_SRParkS_96009046Z02.dgn

Park St. S



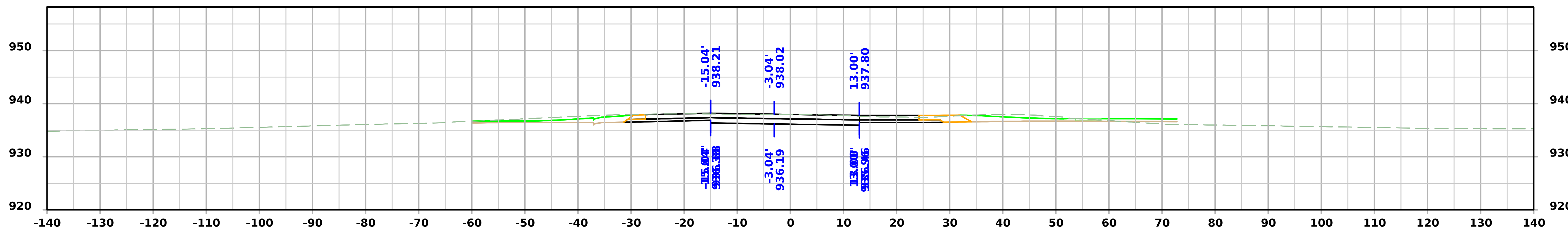
STA 1107+81.85



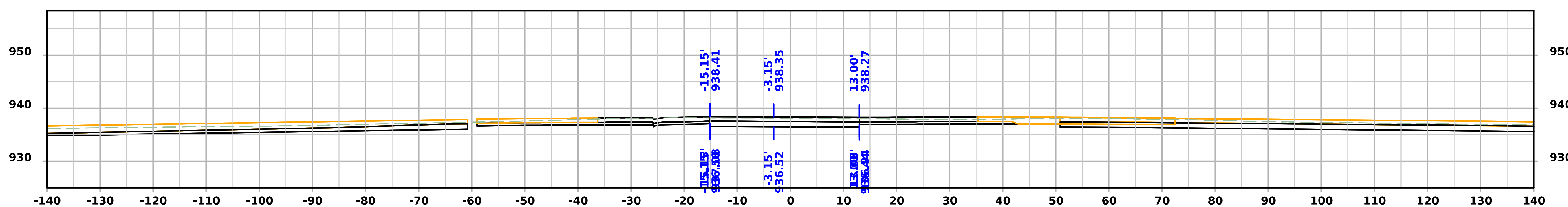
STA 1107+80.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.101

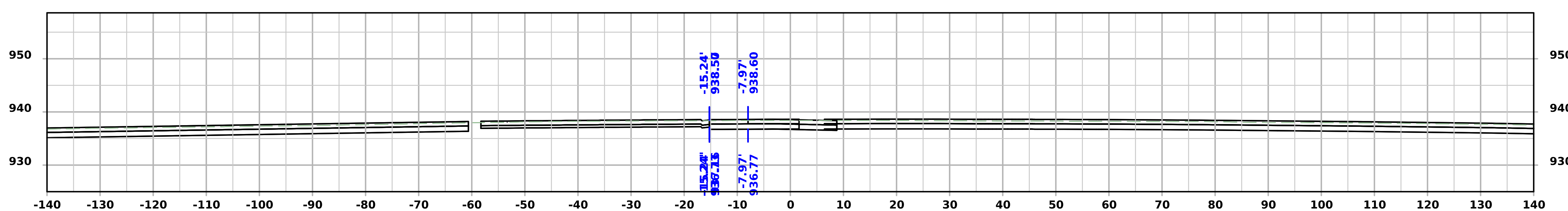
Park St. N



STA 2108+50.00



STA 2108+40.00

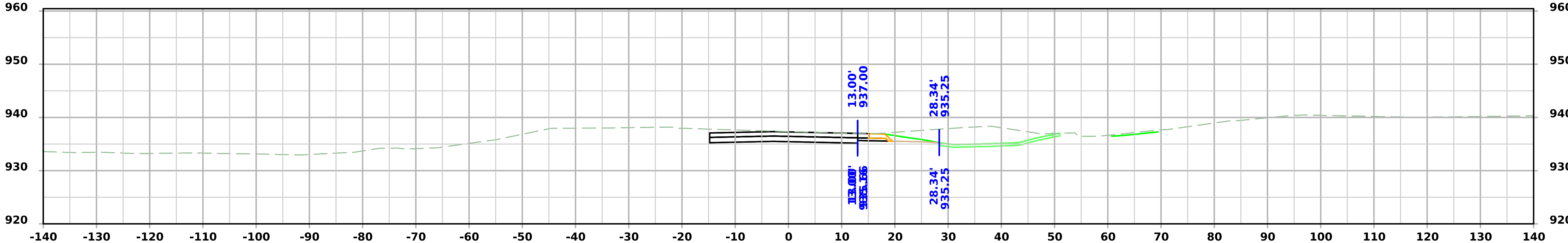


STA 2108+31.94

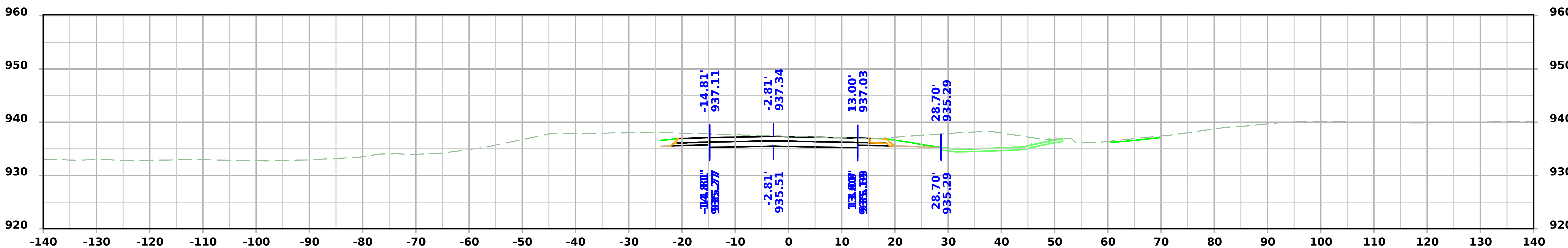
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.200

4:49:00 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X200_SRParkN_96009046Z02.dgn

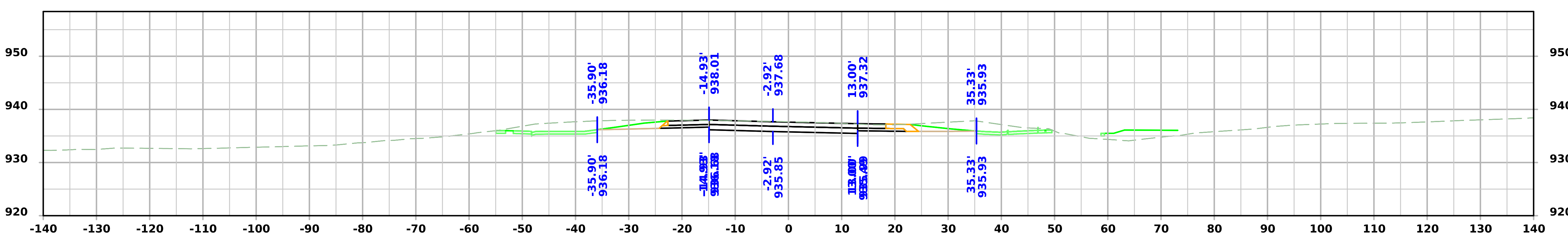
Park St. N



STA 2108+70.91



STA 2108+70.00

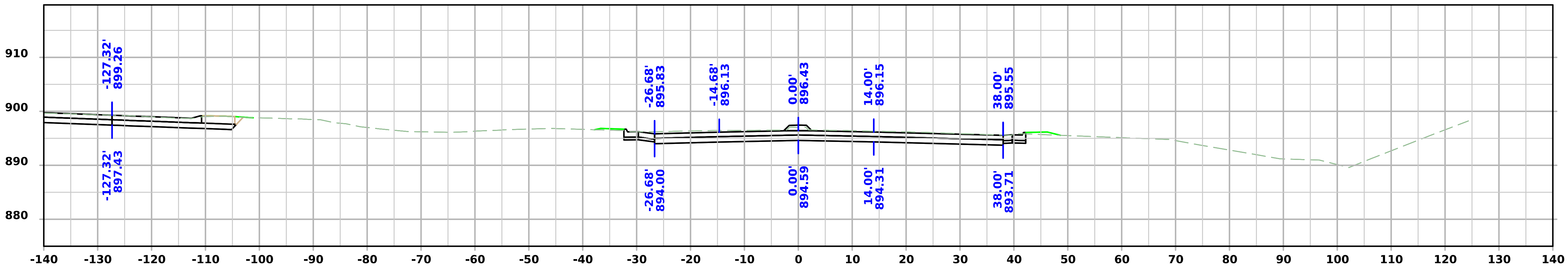


STA 2108+60.00

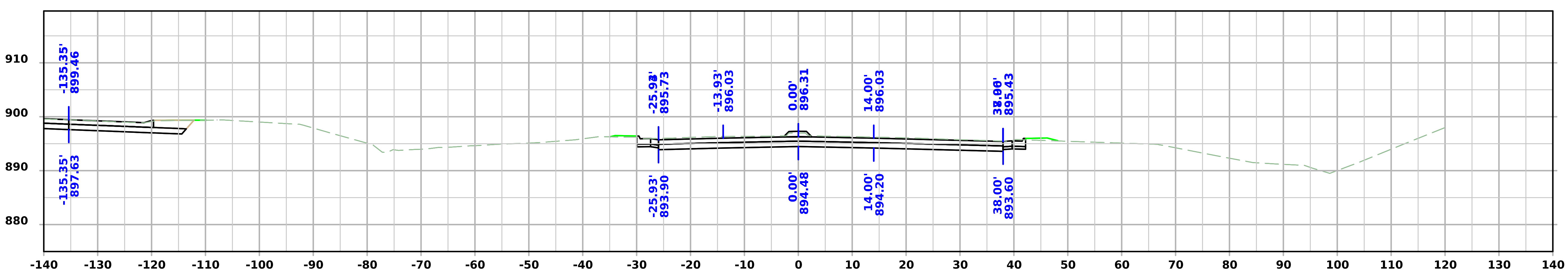
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.201

4:49:02 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X200_SRParkN_96009046Z02.dgn

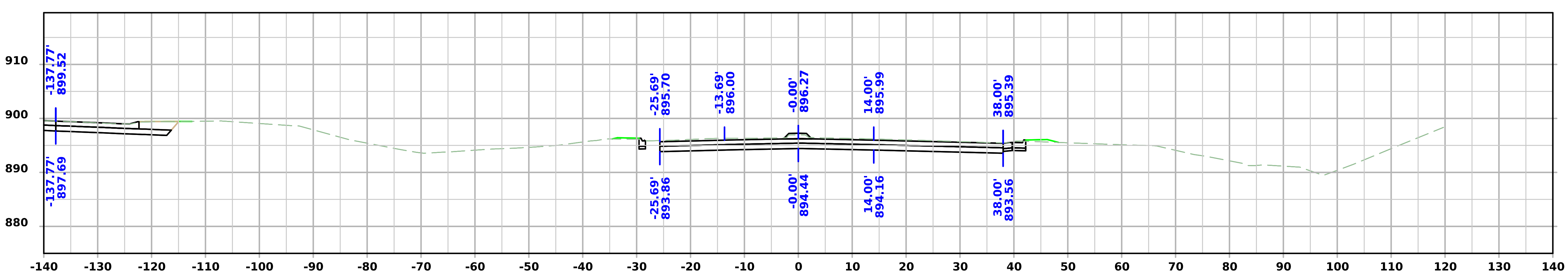
Short St. S



STA 3118+60.00



STA 3118+50.00

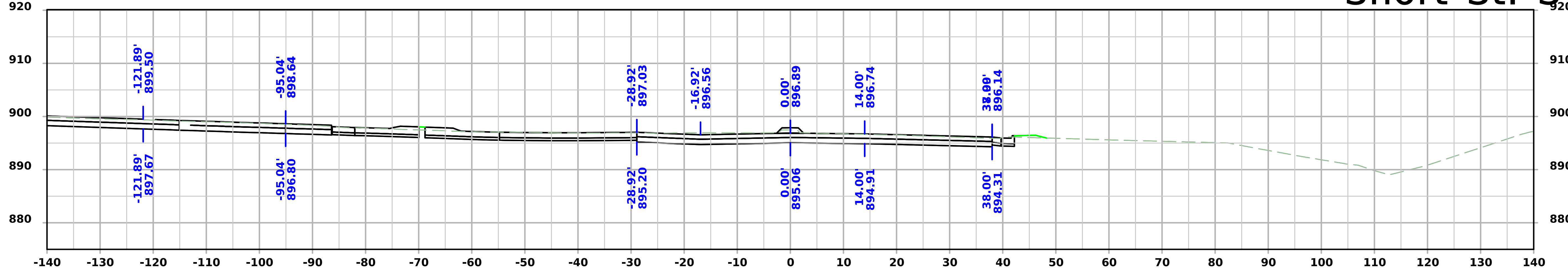


STA 3118+46.70

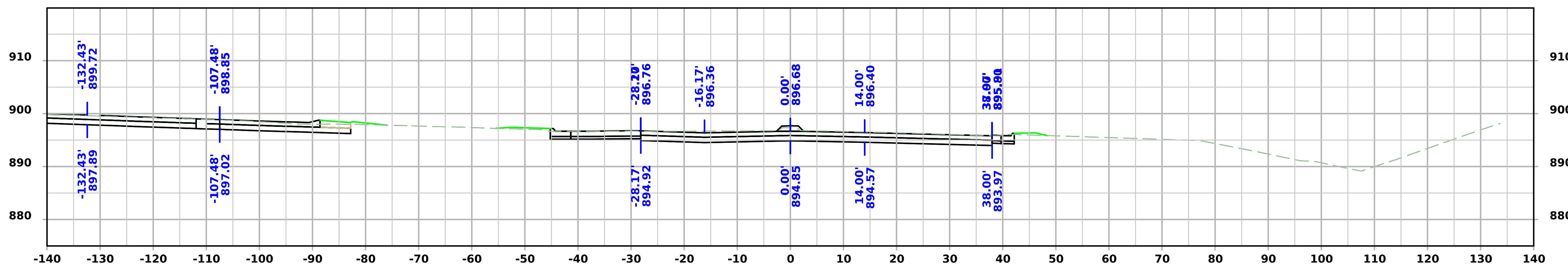
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.300

4:55:36 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X300_SRShortS_96009046Z02.dgn

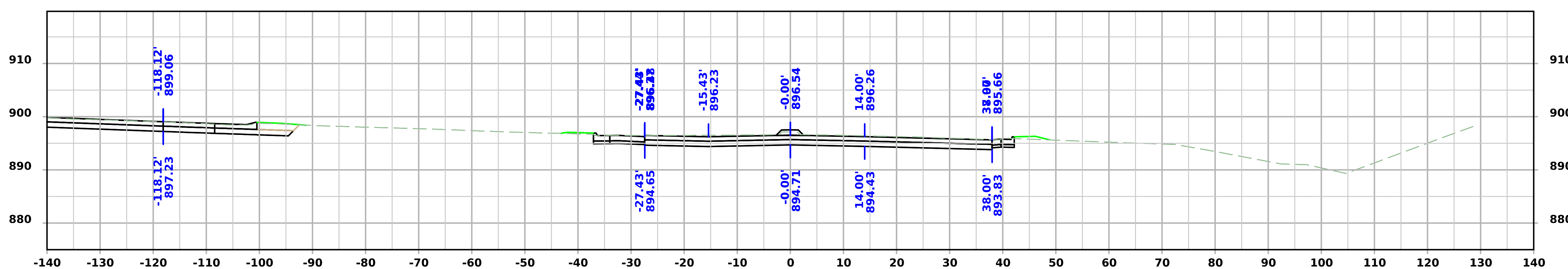
Short St. S



STA 3118+90.00



STA 3118+80.00

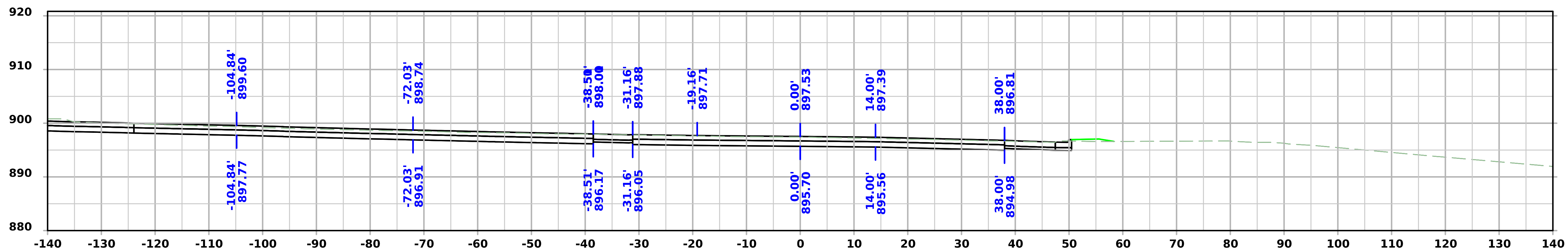


STA 3118+70.00

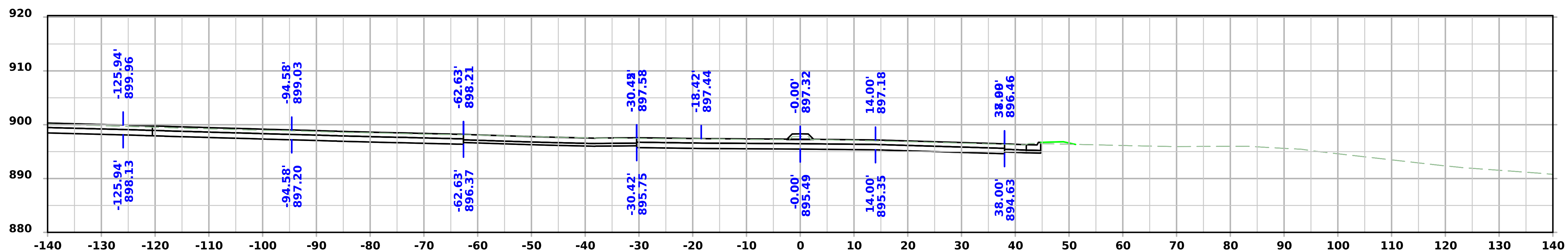
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.301

4:55:39 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X300_SRShortS_96009046Z02.dgn

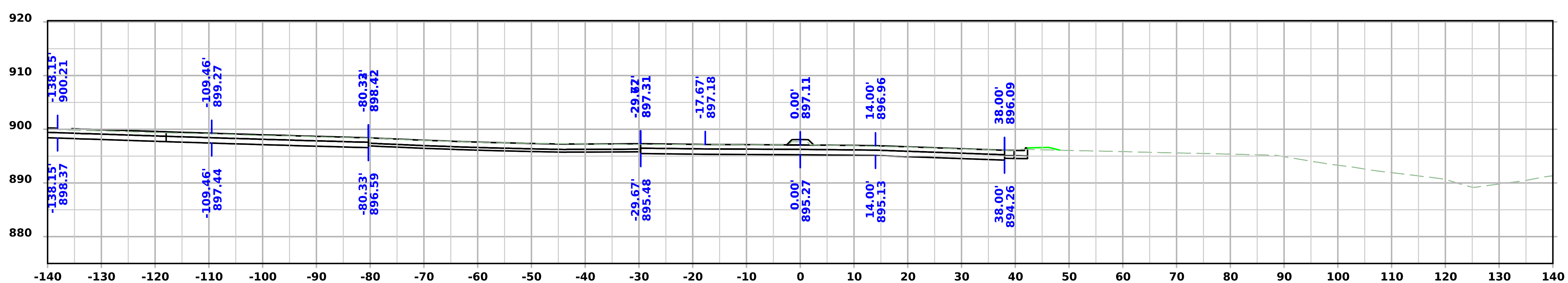
Short St. S



STA 3119+20.00



STA 3119+10.00

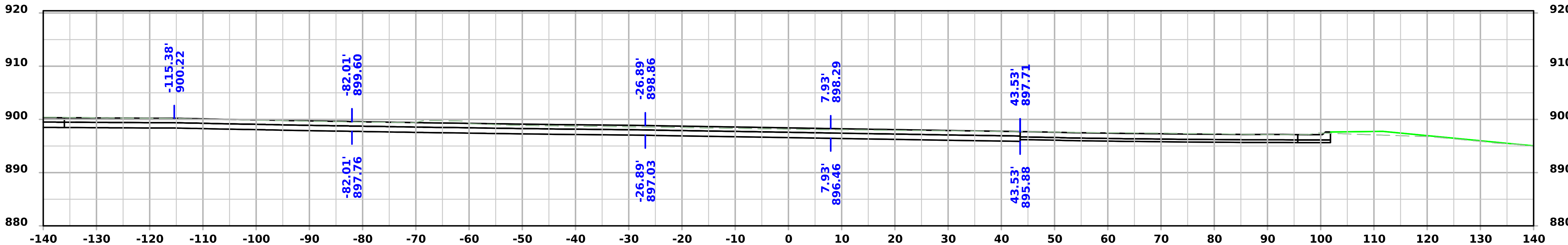


STA 3119+00.00

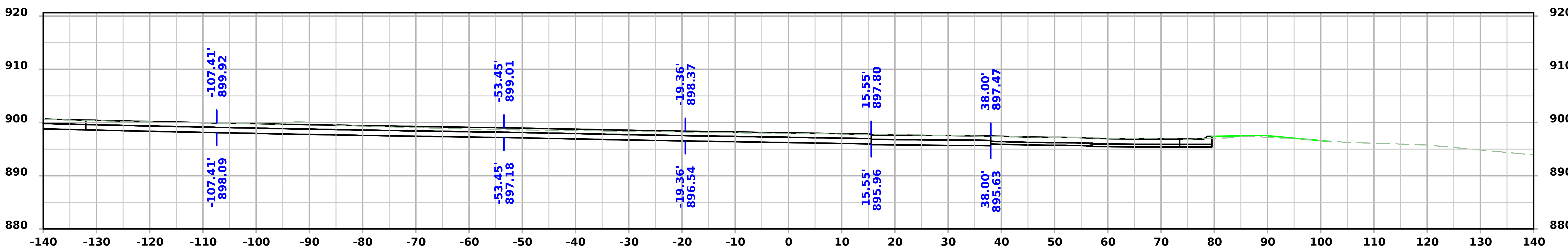
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.302

4:55:41 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X300_SRShortS_96009046Z02.dgn

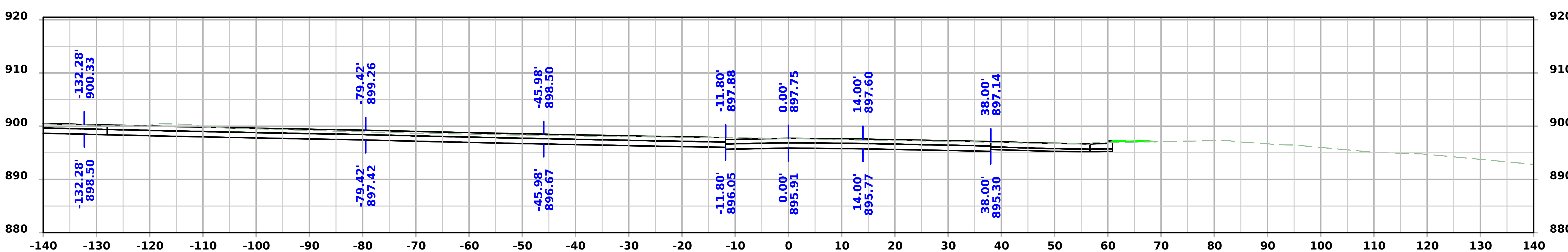
Short St. S



STA 3119+50.00



STA 3119+40.00

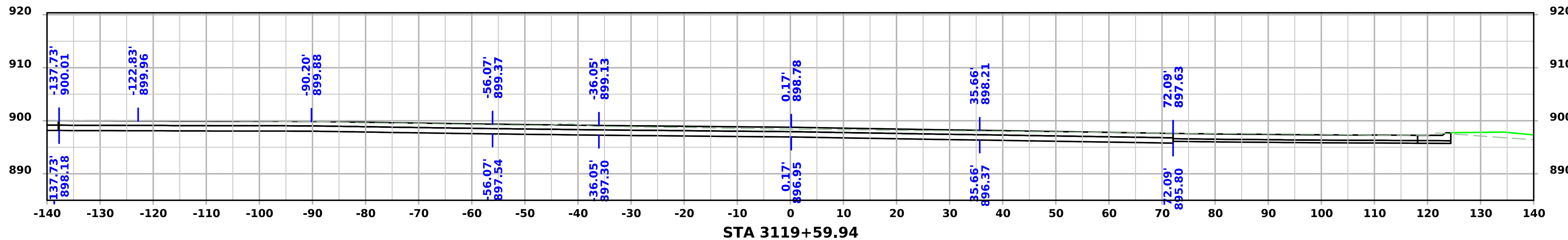


STA 3119+30.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.303

4:55:43 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X300_SRShortS_96009046Z02.dgn

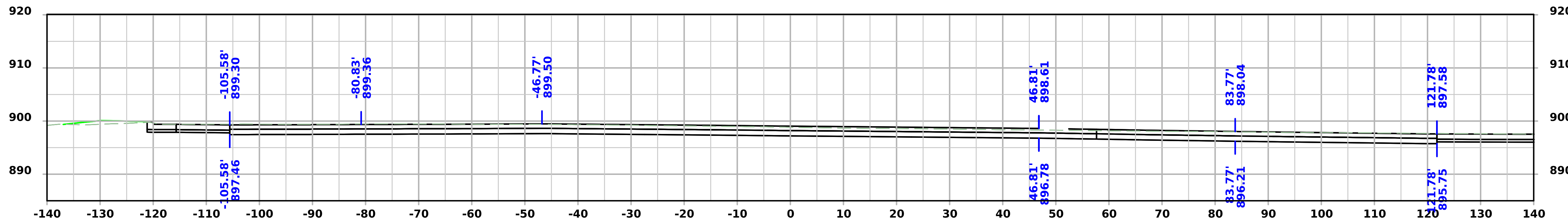
Short St. S



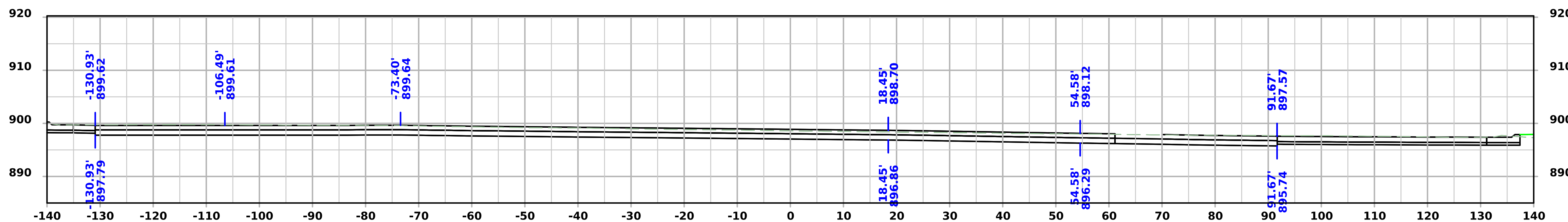
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.304

4:55:45 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X300_SRShortS_96009046Z02.dgn

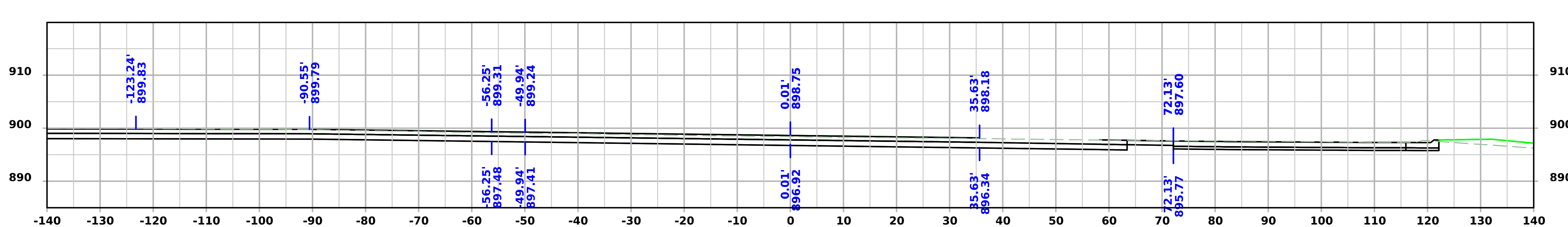
Short St. N



STA 3119+80.00



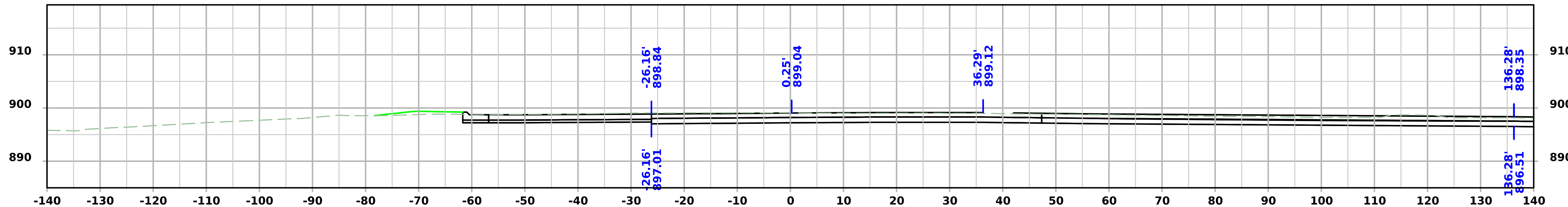
STA 3119+70.00



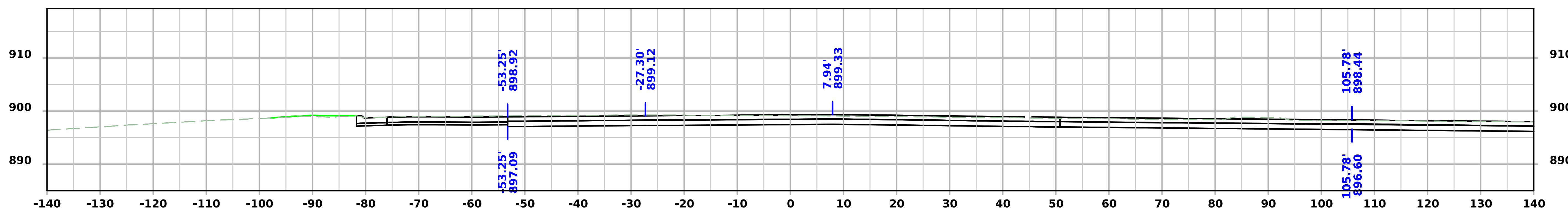
STA 3119+63.36

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.400

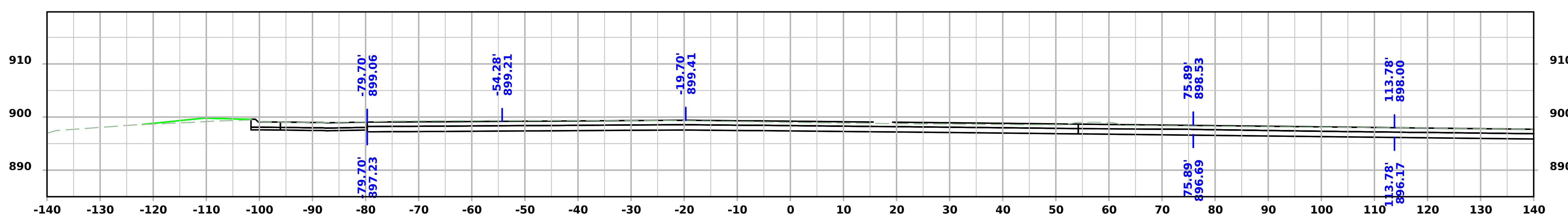
Short St. N



STA 3120+10.00



STA 3120+00.00

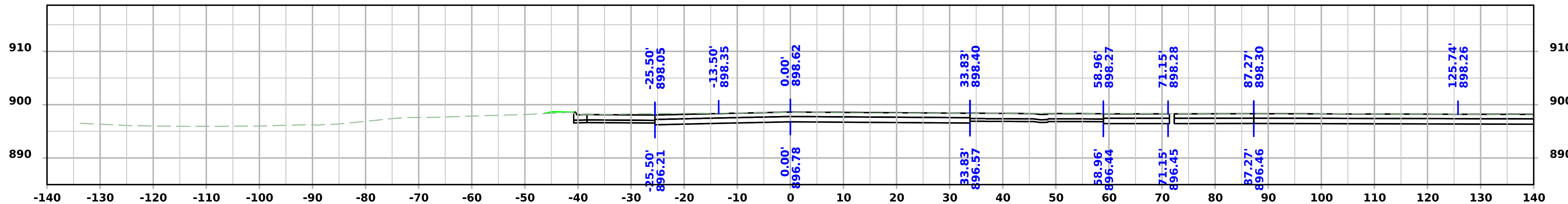


STA 3119+90.00

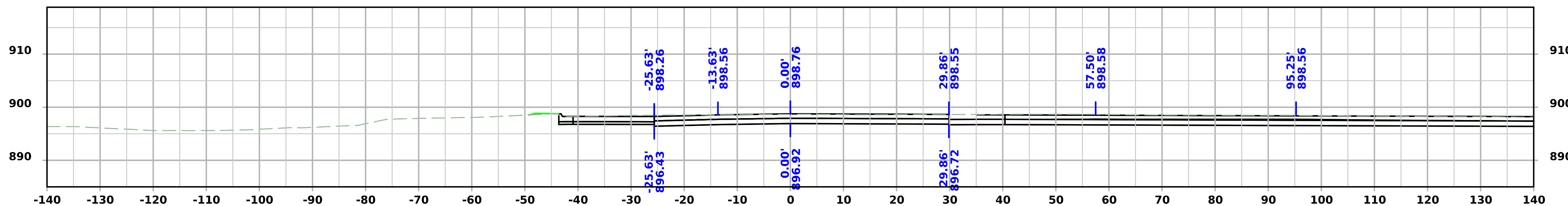
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.401

5:00:58 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X400_SRShortN_96009046Z02.dgn

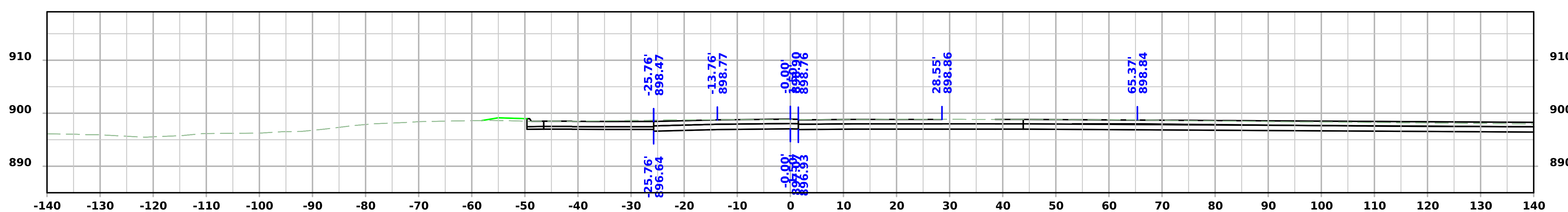
Short St. N



STA 3120+40.00



STA 3120+30.00

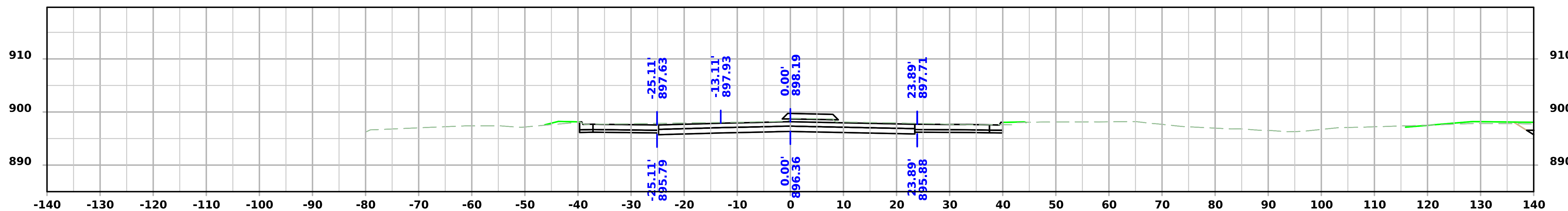


STA 3120+20.00

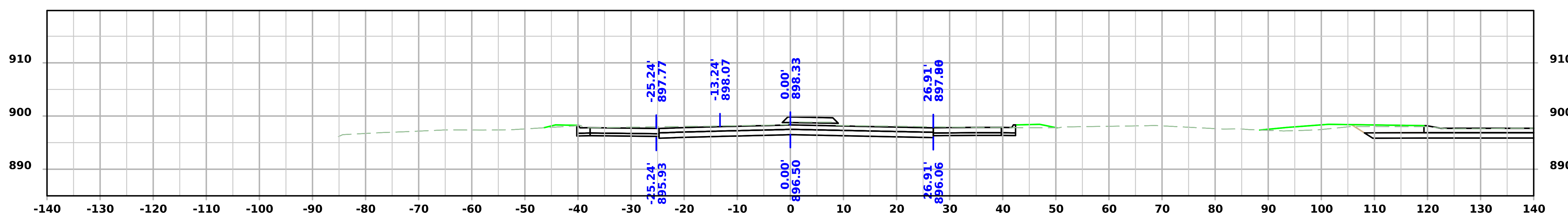
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.402

5:01:00 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X400_SRShortN_96009046Z02.dgn

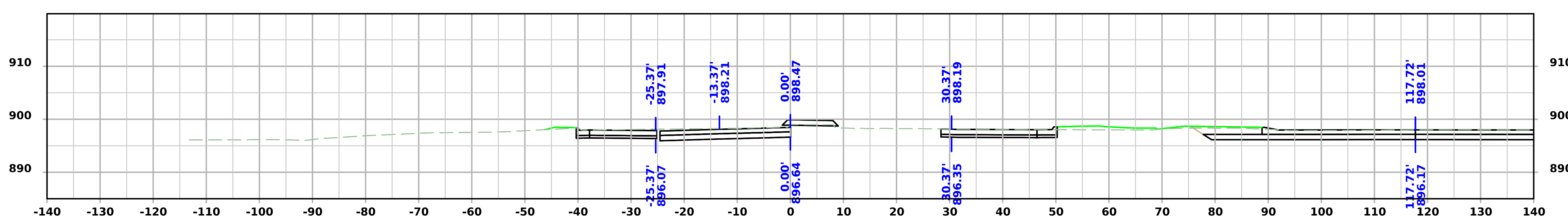
Short St. N



STA 3120+70.00

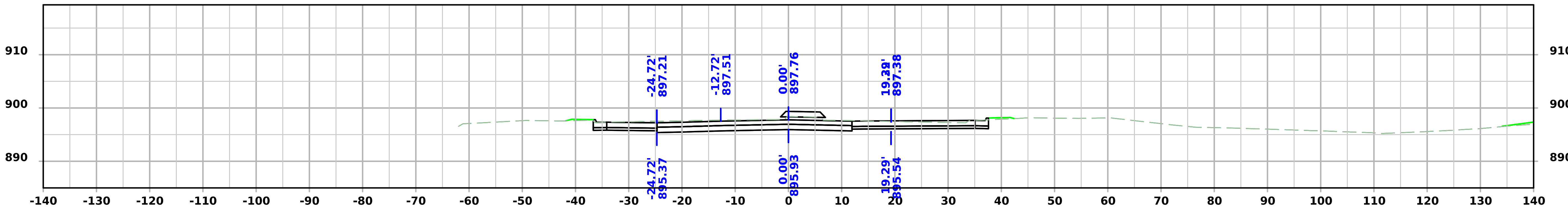


STA 3120+60.00

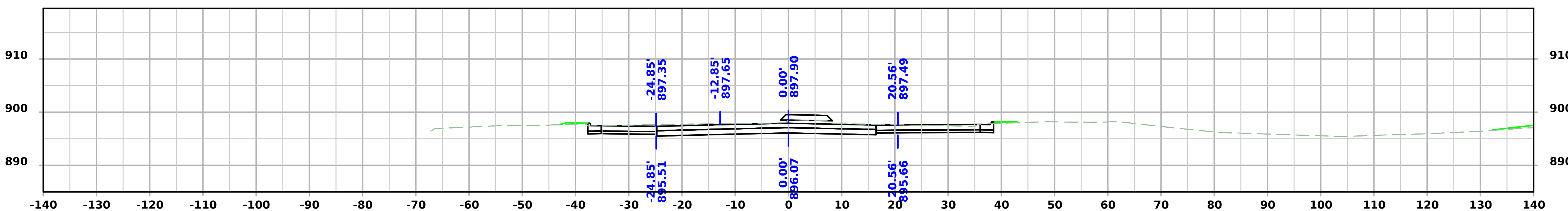


STA 3120+50.00

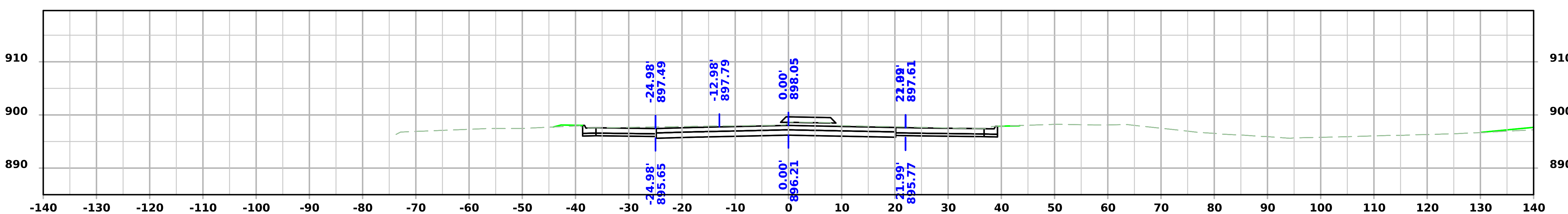
Short St. N



STA 3121+00.00

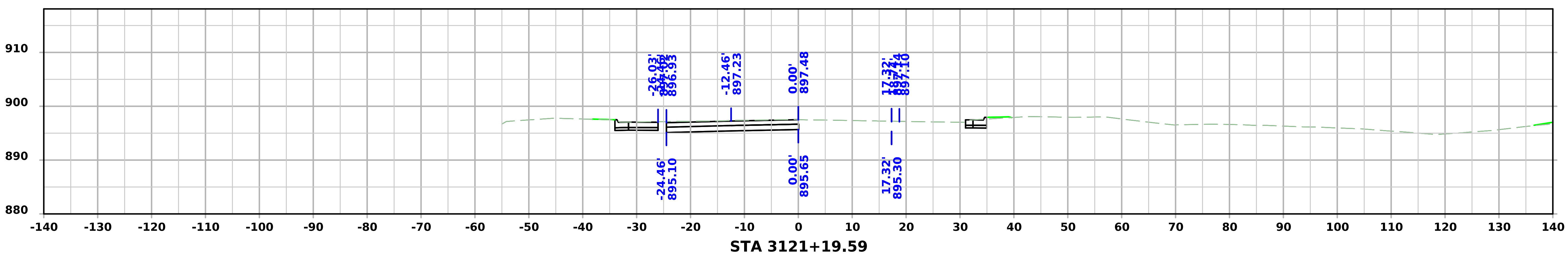


STA 3120+90.00

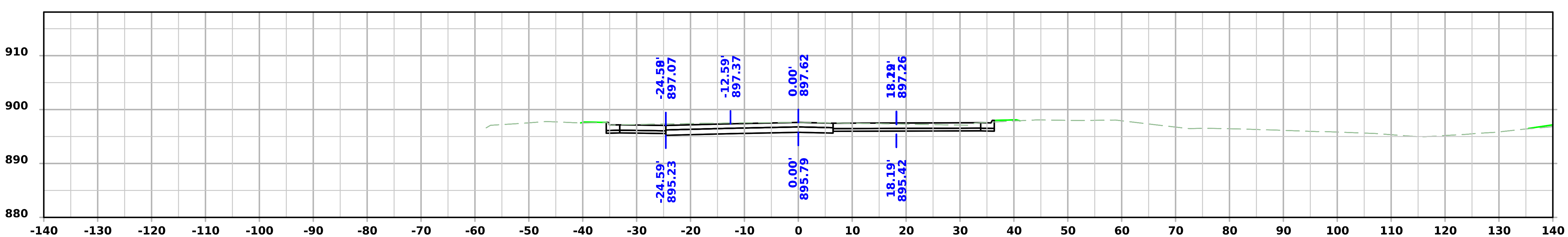


STA 3120+80.00

Short St. N



STA 3121+19.59

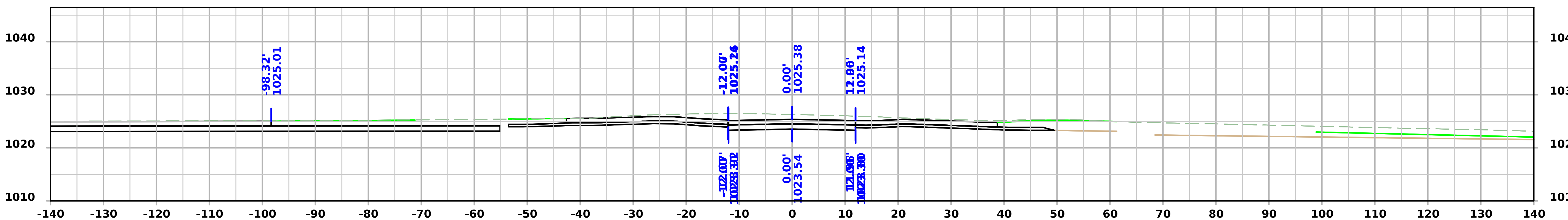


STA 3121+10.00

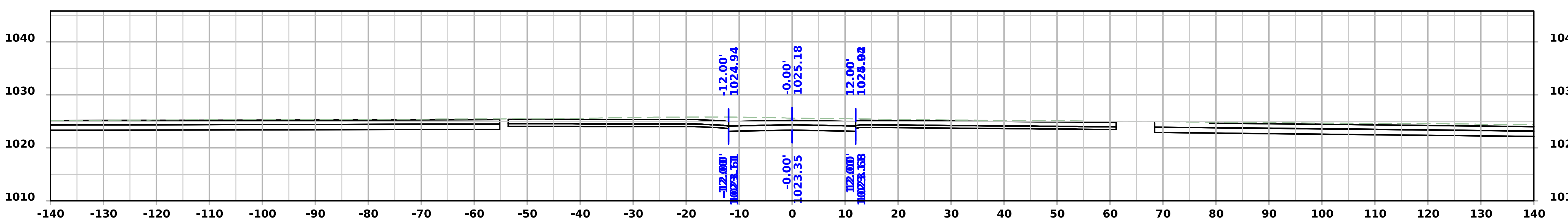
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.405

5:01:06 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X400_SRShortN_96009046Z02.dgn

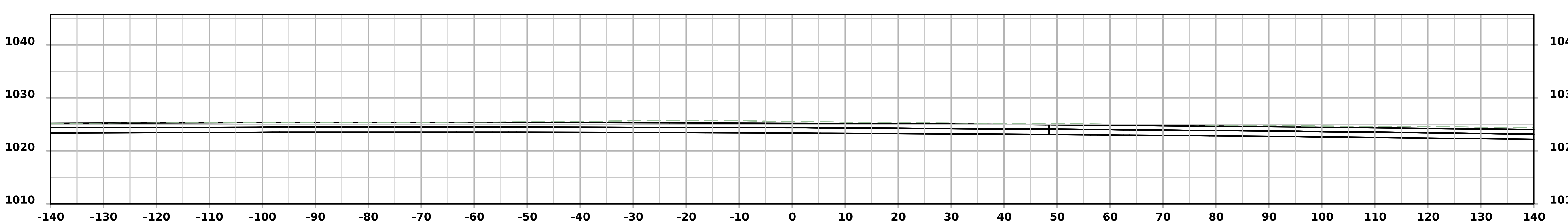
Blue Grass Dr. N



STA 4450+50.00



STA 4450+40.00

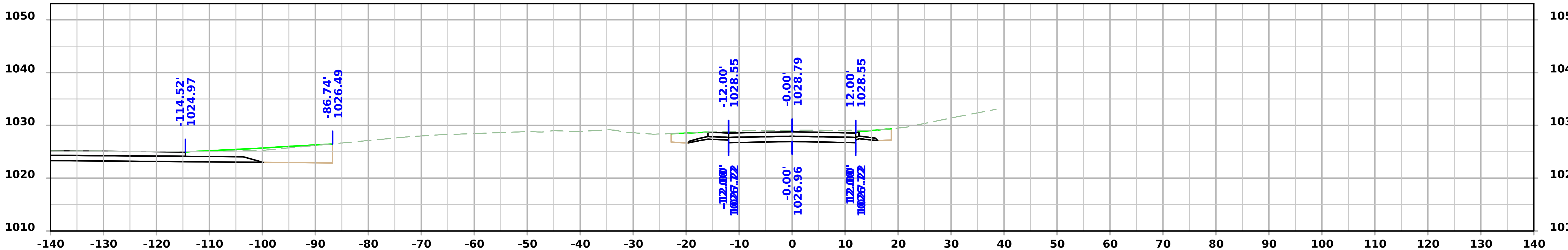


STA 4450+38.79

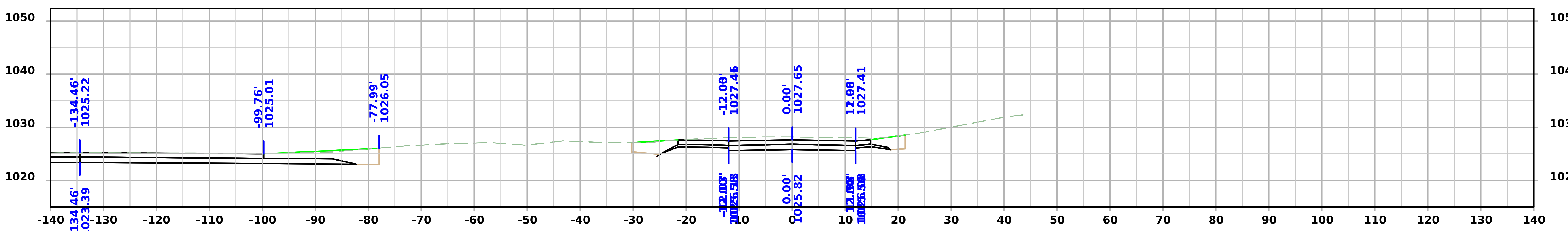
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.500

5:10:45 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X500_SRBluegrassN_96009046Z02.dgn

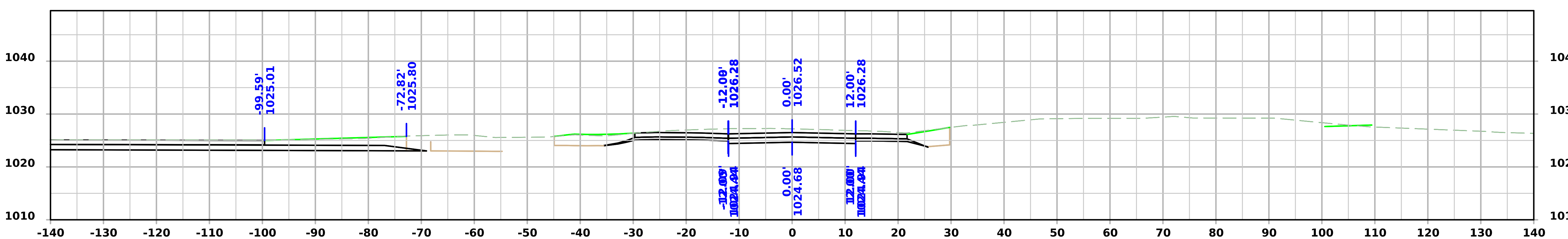
Blue Grass Dr. N



STA 4450+80.00



STA 4450+70.00

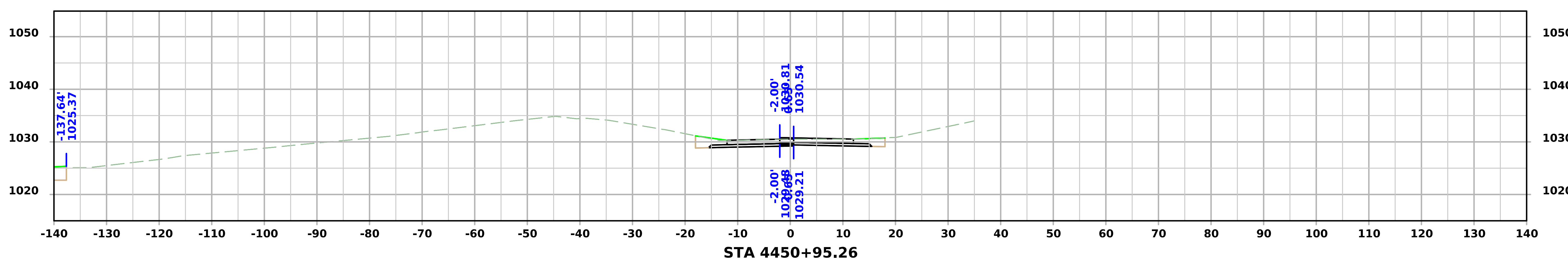


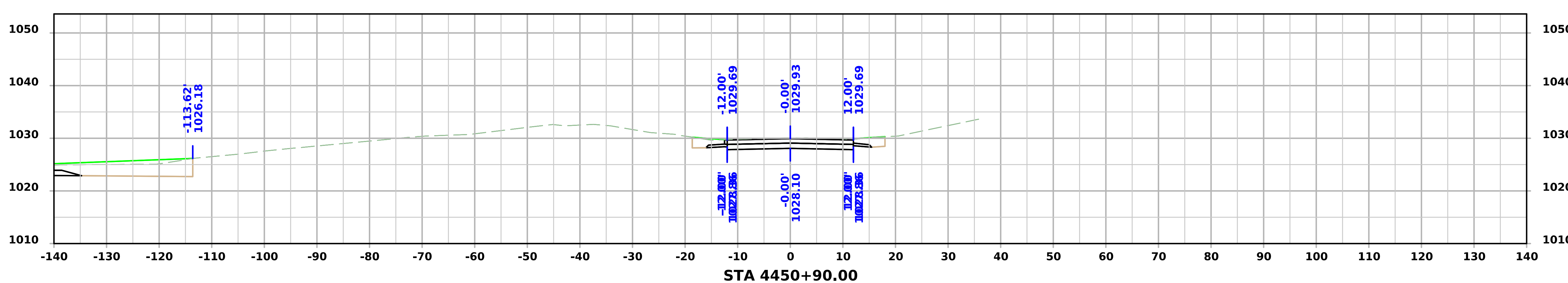
STA 4450+60.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.501

5:10:47 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X500_SRBluegrassN_96009046Z02.dgn

Blue Grass Dr. N

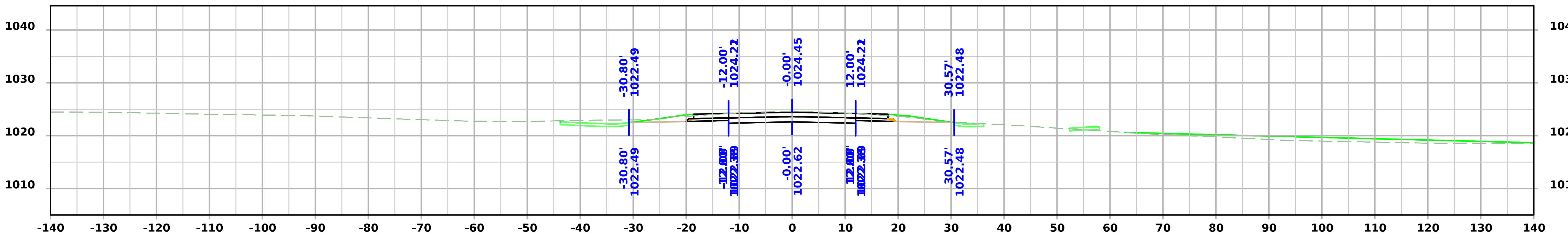




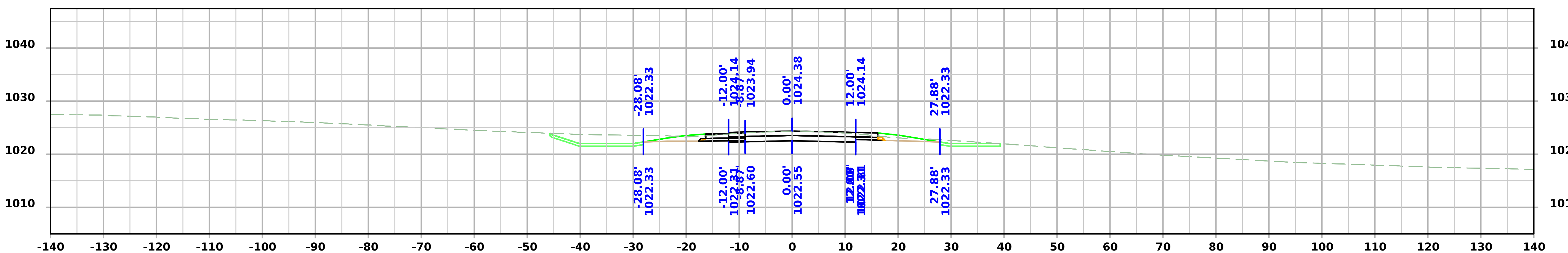
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.502

5:10:49 PM 1/23/2025 cschins pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\9600901024\Design\CADD_Files\Cross_Sections\SHT_X500_SRBluegrassN_96009046Z02.dgn

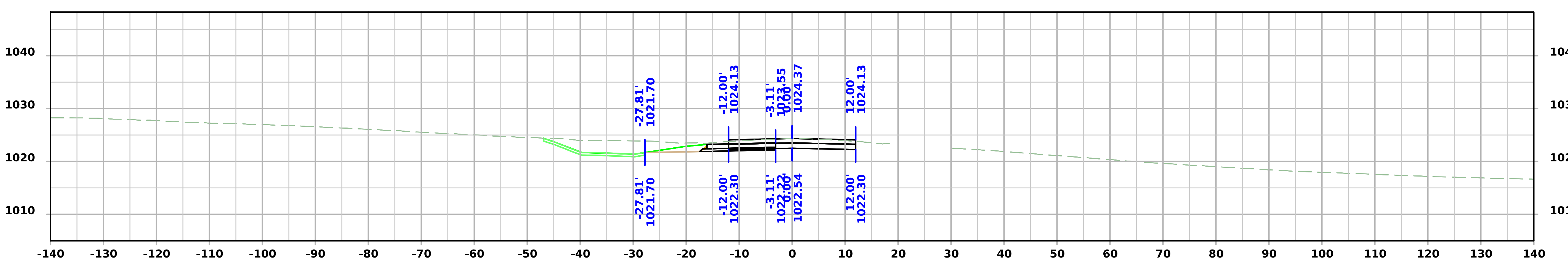
Blue Grass Dr. S



STA 4449+50.00



STA 4449+40.00



STA 4449+37.20

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.600

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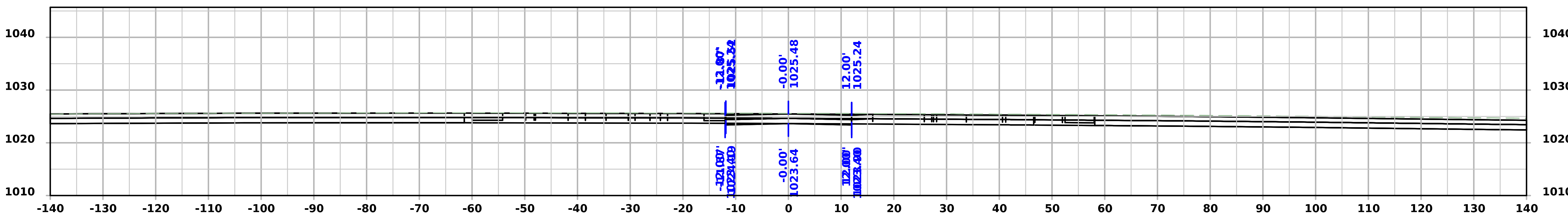
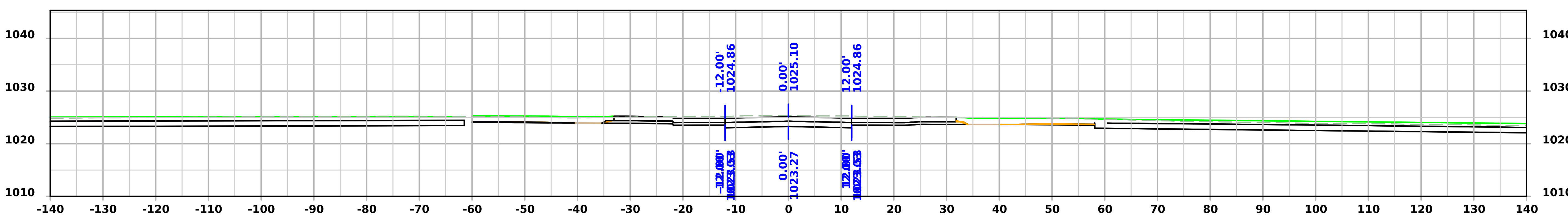
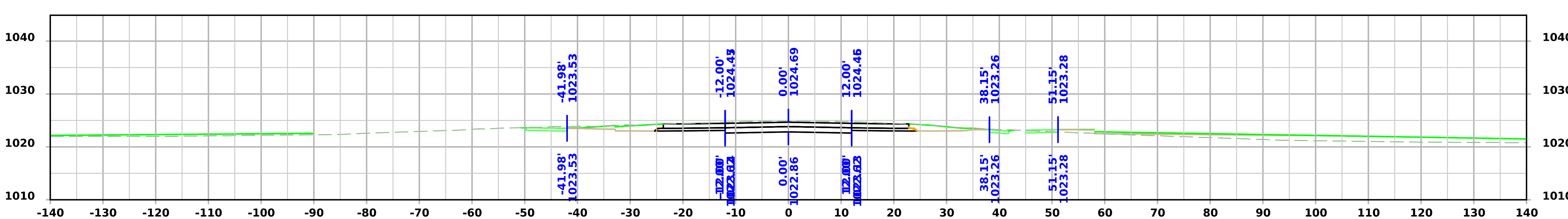
Blue Grass Dr. S







FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell/Schinstock/Schmitz	WINNESHIEK COUNTY	PROJECT NUMBER NHSX-009-8(046)--3H-96	SHEET NUMBER X.601

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