LETTING DATE

PRELIMINARY ENGINEERING
NHSX-061-3(61)--3H-58

LOUISA COUNTY

INDEX OF SHEETS

IOWA DOT

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM
LOUISA COUNTY
PRELIMINARY ENGINEERING

0.5 mi N of IA 78 to 130th St 2 mi S of IA 92

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.

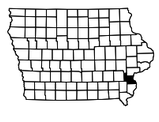
REVISIONS

	TOTAL 411
PROJECT IDENTIFICATION NUMBER	
11-58-061-010	
PROJECT NUMBER	
NHSX-061-3(61)--3H-58	
R.O.W. PROJECT NUMBER	
NHSX-061-3(62)--2R-58	

INDEX OF SHEETS

EARTHWORK:

CUT: 533,000 CY
FILL(30%): 1,765,000 CY



US 61 DESIGN DATA RURAL			
2020	AADT	4600	V.P.D.
2040	AADT	6000	V.P.D.
20 --	DHV	--	V.P.H.
TRUCKS		16	%
Total Design ESALs		--	

INDEX OF SEALS

SHEET NO.	NAME	TYPE
A.1	Paul W. Flattery	Primary Signature Block

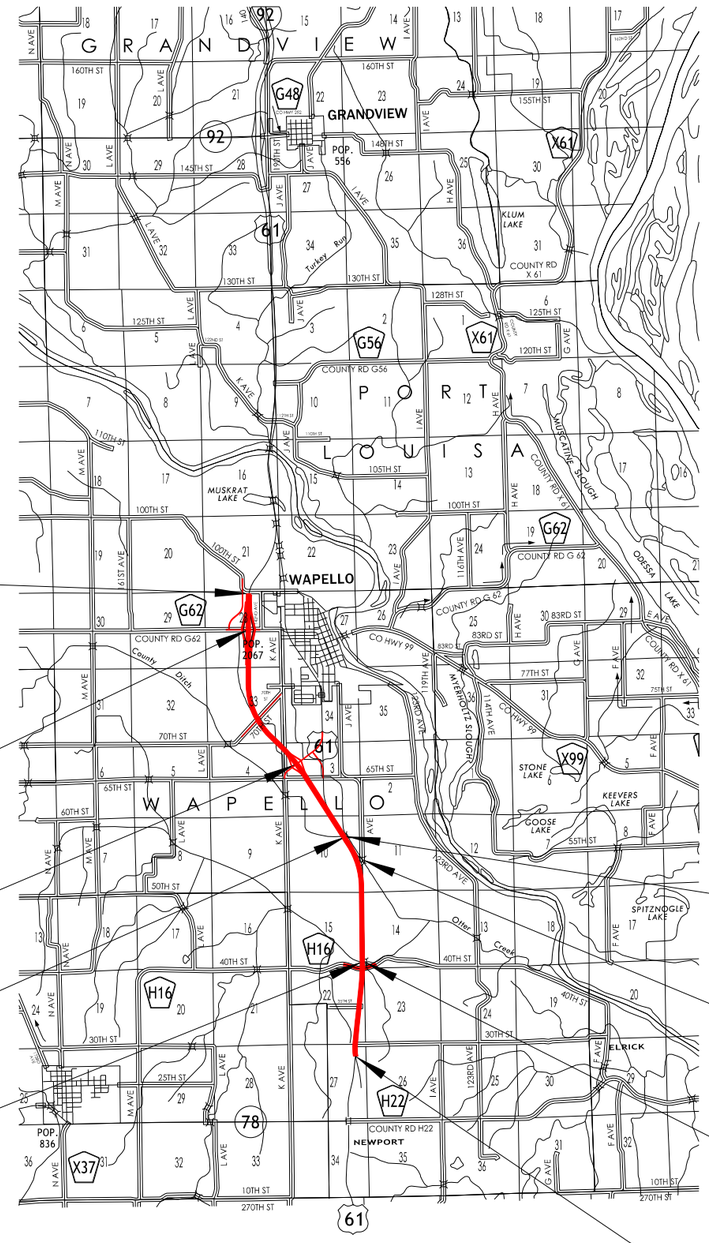
PRELIMINARY PLANS

Subject to change by final design.

Revised D5 PLAN: June 24, 2025

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER A.1

10:58:34 AM 6/24/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_A01_SectionAB.dgn



END CONSTRUCTION
STA. 2475+00.00

Co. Rd. G62 Bridge
Asset ID/FHWA #701250 (NEW)

Business US 61 Bridge
Asset ID/FHWA #701245 (NEW)

Otter Creek Dual Bridges
Asset ID/FHWA #033952 (NEW NB)
Asset ID/FHWA #701235 (NEW SB)

Honey Creek Dual Bridges
Asset ID/FHWA #033942 (NEW NB)
Asset ID/FHWA #701230 (NEW SB)

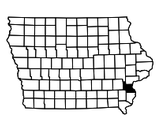
Otter Creek Bridge (Remove)
Asset ID/FHWA #33951 (Exst)

Bridge (Remove)
Asset ID/FHWA #223660 (Exst)

Honey Creek Bridge (Remove)
Asset ID/FHWA #033941 (Exst)

BEGIN CONSTRUCTION
STA. 2121+75.00 ML061 (NB)
STA. 2121+25.00 ML061 (SB)

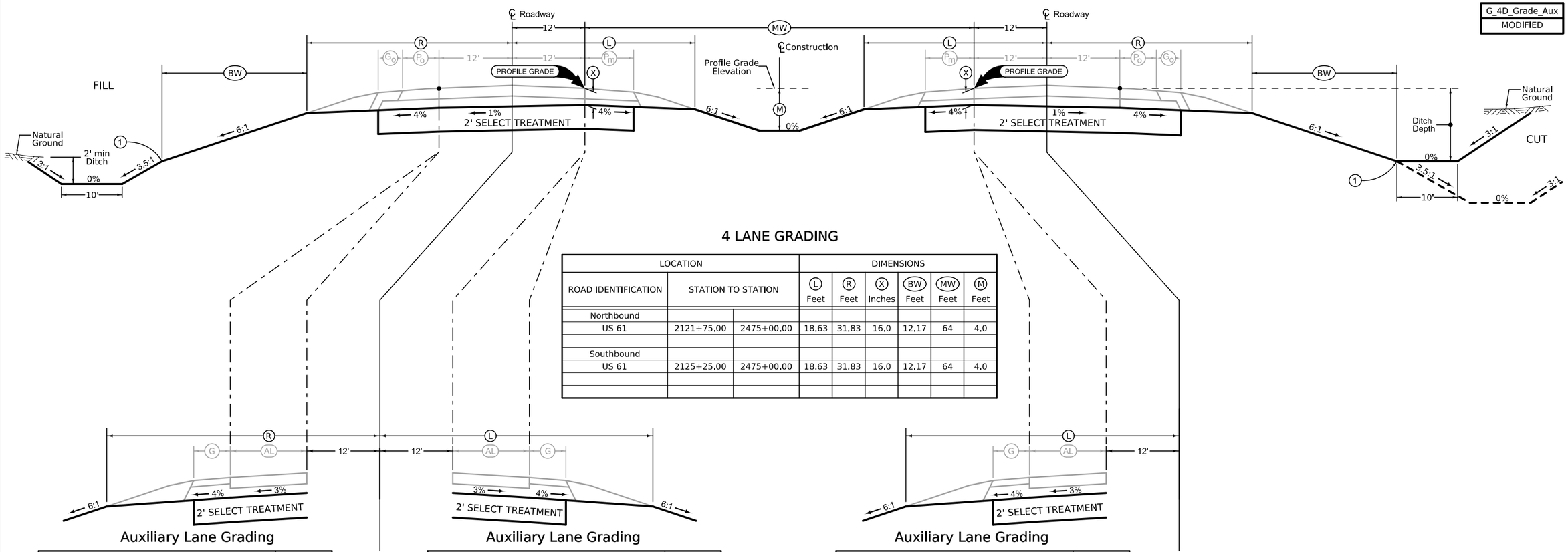
LOCATION MAP SCALE
0 1 2 3
Miles



FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **A.2**

10:58:38 AM 6/24/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_A01_SectionAB.dgn

G_4D_Grade_Aux
MODIFIED



4 LANE GRADING

LOCATION			DIMENSIONS					
ROAD IDENTIFICATION	STATION TO STATION		(L) Feet	(R) Feet	(X) Inches	(BW) Feet	(MW) Feet	(M) Feet
Northbound								
US 61	2121+75.00	2475+00.00	18.63	31.83	16.0	12.17	64	4.0
Southbound								
US 61	2125+25.00	2475+00.00	18.63	31.83	16.0	12.17	64	4.0

Auxiliary Lane Grading

LOCATION			(R) Feet
ROAD IDENTIFICATION	STATION TO STATION		
US 61/Co Rd H16	2190+38.30	2191+85.61	42.52
US 61/Co Rd H16	2191+85.61	2192+45.62	42.52-36.52

Auxiliary Lane Grading

LOCATION			(L) Feet
ROAD IDENTIFICATION	STATION TO STATION		
US 61/30th St	2137+36.00	2138+86.00	30.63
US 61/30th St	2138+86.00	2140+06.00	30.63-18.63
US 61/35th St	2163+95.00	2165+45.00	30.63
US 61/35th St	2165+45.00	2166+65.00	30.63-18.63
US 61/Co Rd H16	2190+38.00	2191+88.00	30.63
US 61/Co Rd H16	2191+88.00	2193+08.00	30.63-18.63

Auxiliary Lane Grading

LOCATION			(L) Feet
ROAD IDENTIFICATION	STATION TO STATION		
US 61/30th St	2132+82.00	2134+02.00	17.71-30.63
US 61/30th St	2134+02.00	2135+52.00	30.63
US 61/35th St	2159+45.00	2160+65.00	18.63-30.63
US 61/35th St	2160+65.00	2162+15.00	30.63
US 61/Co Rd H16	2185+84.00	2187+04.00	18.63-30.63
US 61/Co Rd H16	2187+04.00	2188+54.00	30.63

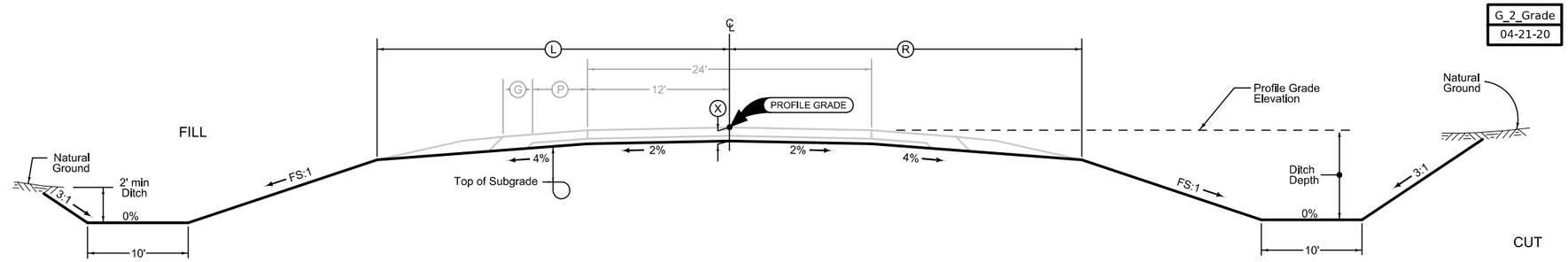
Normal section shown may be modified appropriately in areas of superelevated curves or other locations specifically designated by the Engineer.

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

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

LOCATION			DIMENSIONS			
ROAD IDENTIFICATION	STATION TO STATION		(L) Feet	(R) Feet	(X) Inches	FS
Co Rd H16 (W)	382+00.00	388+87.00	24.25	24.25	22	3
BUS 61	408+15.20	445+00.00	28.25	28.25	22	3
100th St W	5536+12.00	5572+00.00	36.58	36.58	22	3
142nd Ave	60+17.38	61+85.00	24.25	24.25	22	3

G_2_Grade
04-21-20

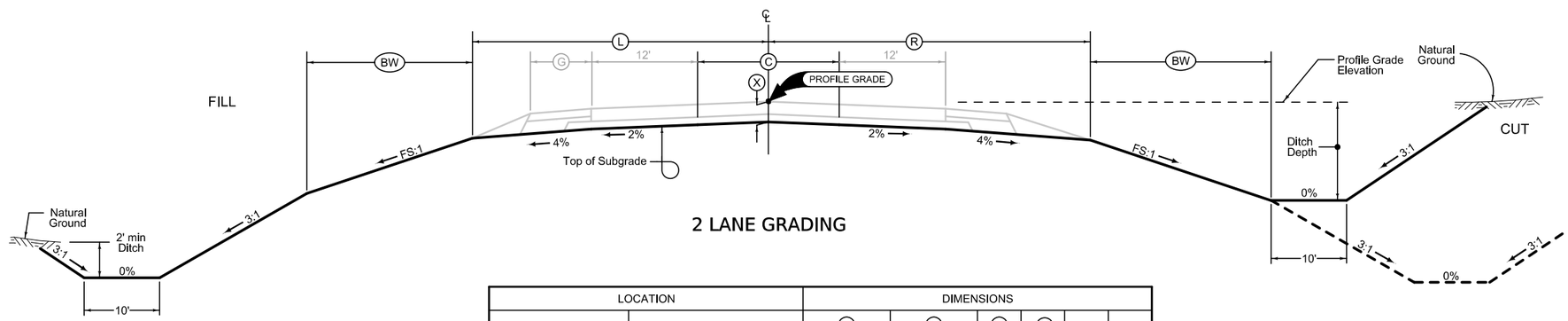


Normal section shown may be modified appropriately in areas of superelevated curves or other locations specifically designated by the Engineer.

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

2 LANE GRADING

G_2Lane
Special



2 LANE GRADING

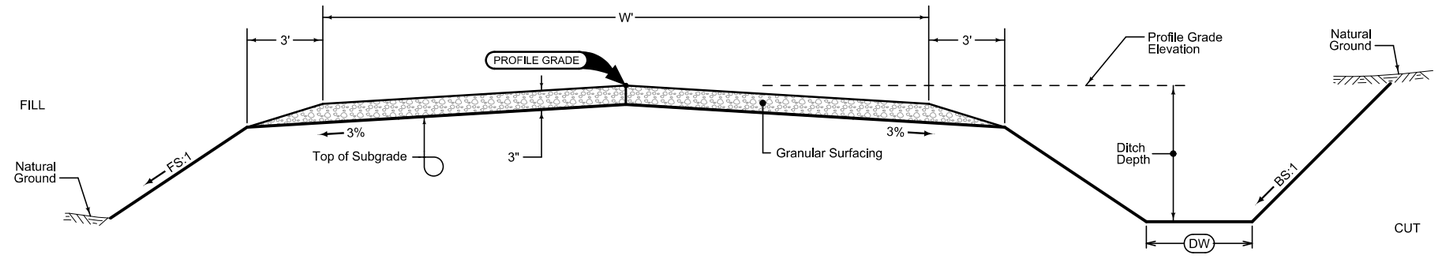
LOCATION			DIMENSIONS					
ROAD IDENTIFICATION	STATION TO STATION		(L) Feet	(R) Feet	(X) Inches	(C) Feet	(BW)	FS
Co Rd G62	535+75.00	539+75.50	24.25	24.25	22	0	7.55	3
Co Rd G62	539+75.50	545+15.96	24.25-44.47	24.25-44.47	22	0-16	7.55	3
Co Rd G62	545+15.96	559+97.38	44.47	44.47	22	16	13.12	6
Co Rd G62	559+97.38	565+37.84	44.47-28.25	44.47-28.25	22	16-0	7.55	3

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

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

LOCATION			DIMENSIONS				
ROAD IDENTIFICATION	STATION TO STATION		W	FS	BS	DW Feet	Granular Surfacing Ton
30th St	137+09.21	139+60.00	24	3	3	10	125.0
35th St	260+50.00	262+39.00	24	3	3	10	84.9
Co Rd H16 (E)	390+08.58	392+00.00	24	3	3	10	108.4
BUS 61	400+00.00	405+15.20	24	3	3	10	270.5
BUS 61	405+15.20	408+15.20	24-36	3	3	10	190.0

G_2_GradeGranM
MODIFIED



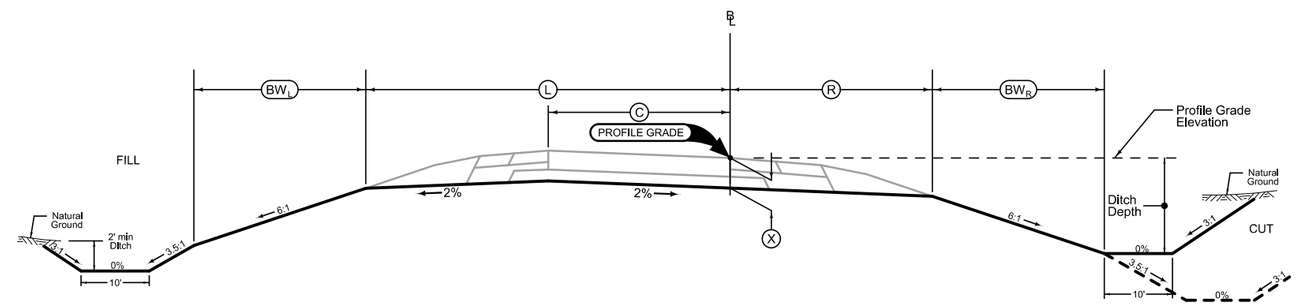
GRADING AND GRANULAR SURFACING

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

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

LOCATION				DIMENSIONS					
INTERCHANGE	RAMP	STATION TO STATION		L Feet	R Feet	C Feet	X Inches	BW_L Feet	BW_R Feet
US 61 at BUS61	A	12345+12.77	12356+37.50	36.58	22.58	16	22	11.42	9.42
US 61 at BUS61	B	22333+68.02	22345+52.23	36.57	22.58	16	22	11.43	9.42
US 61 at BUS61	C	32335+20.41	32345+21.04	36.57	22.58	16	22	11.43	9.42
US 61 at BUS61	D	42345+12.77	42355+42.21	36.57	22.58	16	22	11.43	9.42
US 61 at G62	A	11550+01.51	11564+00.00	36.57	22.58	16	22	11.43	9.42
US 61 at G62	B	22536+75.00	22550+12.31	36.57	22.58	16	22	11.43	9.42
US 61 at G62	C	33537+78.67	33550+12.76	36.57	22.58	16	22	11.43	9.42
US 61 at G62	D	44550+00.14	44562+46.34	36.57	22.58	16	22	11.43	9.42

G_1R_Grade
04-15-14



RAMP GRADING

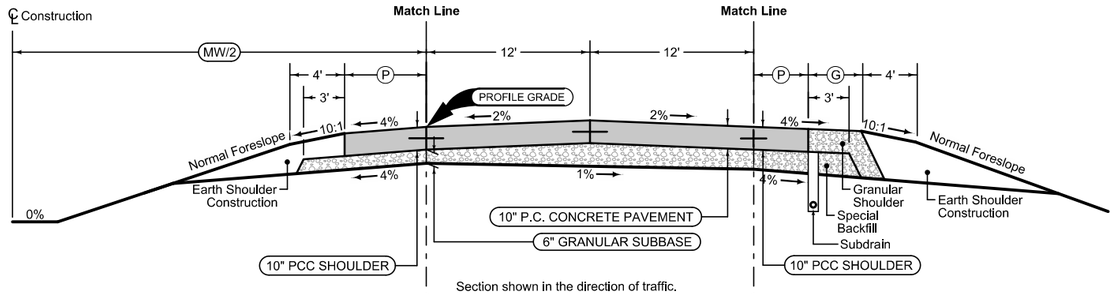
Section view is in direction of traffic.

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

Full Depth PCC Shoulder

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

		4_P_FullPCC_ Modified	
ROAD ID	BEGIN STATION	END STATION	(P) Feet
US 61	2125+75.00	2132+82.00	6
US 61	2135+52.00	2159+45.00	6
US 61	2162+15.00	2185+84.00	6
US 61	2188+54.00	2193+05.54	6
	Bridge and Approaches		
US 61	2196+52.50	2282+32.28	6
	Bridge and Approaches		
US 61	2285+42.06	2475+00.00	6



Section shown in the direction of traffic.

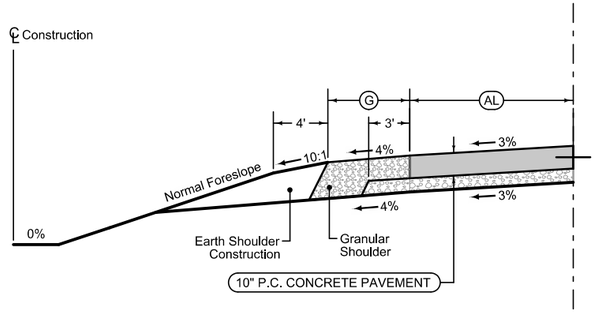
Mainline Jointing:
Transverse joints: CD at 17' spacing
Longitudinal joint: L-2

		4DP_ Modified	
ROAD ID	BEGIN STATION	END STATION	(MW) Feet
US 61	2125+75.00	2475+00.00	64

Full Depth PCC Combination Shoulder

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

		4_C_FullPCC_ Modified		
ROAD ID	BEGIN STATION	END STATION	(P) Feet	(G) Feet
US 61	2125+75.00	2193+05.59	6	4
	Bridge and Approaches			
US 61	2196+52.50	2282+32.28	6	4
	Bridge and Approaches			
US 61	2285+42.06	2475+00.00	6	4



Auxiliary Lane

Longitudinal joint: L
Transverse joint: Match Mainline

Auxiliary Lane Granular Shoulder

		4_AuxLane_PCC_ Modified		4_AL_Shldr_G_ 04-21-20
ROAD ID	BEGIN STATION	END STATION	(AL) Feet	(G) Feet
US 61	2132+82.00	2133+42.00	6	0-6
US 61	2133+42.00	2134+02.00	6-12	6
US 61	2134+02.00	2135+52.00	12	6
US 61	2159+45.00	2160+05.00	6	0-6
US 61	2160+05.00	2160+65.00	6-12	6
US 61	2160+65.00	2162+15.00	12	6
US 61	2185+84.00	2186+44.00	6	0-6
US 61	2186+44.00	2187+04.00	6-12	6
US 61	2187+04.00	2188+54.00	12	6

US 61 NB

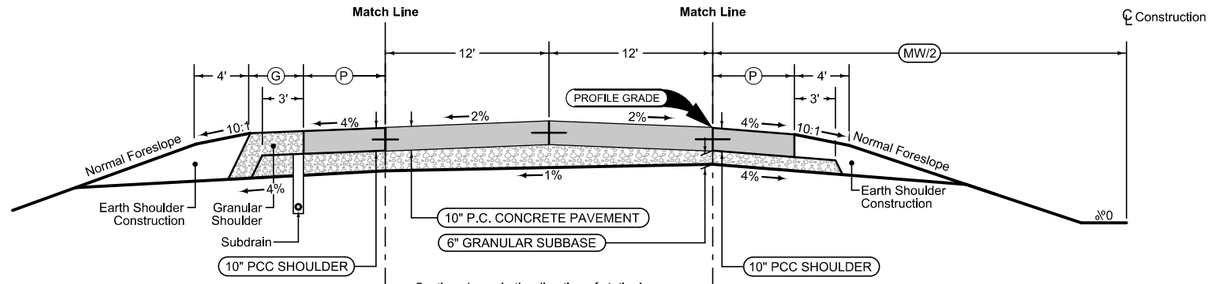
See Tab 100-24 for pavement quantities.

See Tab 112-9 for shoulder quantities.

Full Depth PCC Combination Shoulder

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

			4_C_FullPCC_ Modified	
ROAD ID	BEGIN STATION	END STATION	(P) Feet	(G) Feet
US 61	2125+25.00	2187+66.70	6	4
US 61	West H16 / 40th St			
US 61	2190+95.62	2193+05.41	6	4
US 61	Bridge and Approaches			
US 61	2196+52.50	2282+85.40	6	4
US 61	Bridge and Approaches			
US 61	2285+95.18	2475+00.00	6	4



Section shown in the direction of stationing.

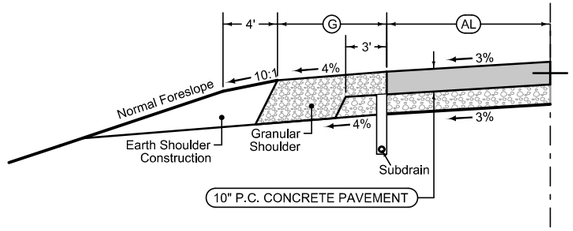
Mainline Jointing:
Transverse joints: CD at 17' spacing
Longitudinal joint: L-2

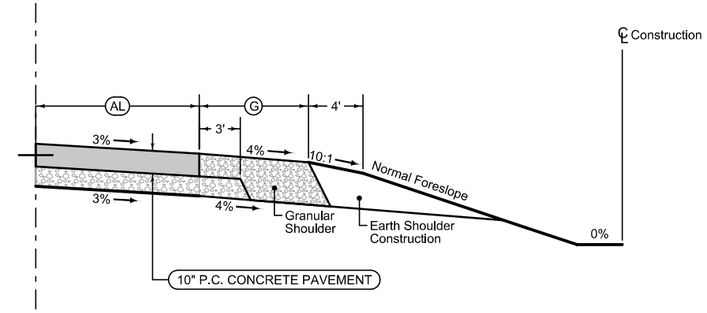
			4DP_ Modified
ROAD ID	BEGIN STATION	END STATION	(MW) Feet
US 61	2125+25.00	2475+00.00	64

Full Depth PCC Shoulder

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

			4_P_FullPCC_ Modified
ROAD ID	BEGIN STATION	END STATION	(P) Feet
US 61	2125+25.00	2137+36.00	6
US 61	2140+06.00	2163+95.00	6
US 61	2166+65.00	2190+38.00	6
Median Crossing, Bridge and Approaches			
US 61	2196+52.50	2282+85.40	6
US 61	Bridge and Approaches		
US 61	2285+95.18	2475+00.00	6





Auxiliary Lane

Longitudinal joint: L
Transverse joint: Match Mainline

Auxiliary Lane Granular Shoulder

			4_AuxLane_PCC_ Modified	4_AL_Shldr_G_ 04-21-20
ROAD ID	BEGIN STATION	END STATION	(AL) Feet	(G) Feet
US 61	2190+38.30	2191+85.59	12	4
US 61	2191+85.59	2192+45.41	12-6	4
US 61	2192+45.41	2193+05.41	6	4

Auxiliary Lane

Longitudinal joint: L
Transverse joint: Match Mainline

Auxiliary Lane Granular Shoulder

			4_AuxLane_PCC_ Modified	4_AL_Shldr_G_ 04-21-20
ROAD ID	BEGIN STATION	END STATION	(AL) Feet	(G) Feet
US 61	2137+36.00	2138+86.00	12	6
US 61	2138+86.00	2139+46.00	12-6	6
US 61	2139+46.00	2140+06.00	6	6-0
US 61	2163+95.00	2165+45.00	12	6
US 61	2165+45.00	2166+05.00	12-6	6
US 61	2166+05.00	2166+65.00	6	6-0
US 61	2190+38.00	2191+88.00	12	6
US 61	2191+88.00	2192+48.00	12-6	6
US 61	2192+48.00	2193+05.46	6	6-1.5

US 61 SB

See Tab 100-24 for pavement quantities.

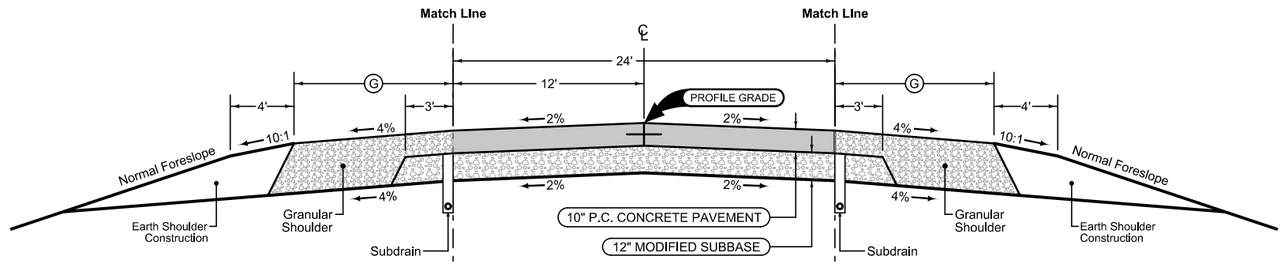
See Tab 112-9 for shoulder quantities.

Granular Shoulder

2_G_SR_ 04-21-20		
STATION TO STATION		G Feet
408+15.20	409+72.76	10
BUS 61 Ramp A		

Granular Shoulder

2_G_SR_ 04-21-20		
STATION TO STATION		G Feet
408+15.20	409+57.33	10
BUS 61 Ramp C		



Full Depth PCC Shoulder

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

2_P_FullPCC_ 04-20-21		
STATION TO STATION		P Feet
411+00.17	411+99.68	10
Bridge and Approaches		
415+74.68	416+98.66	10
BUS 61 Ramp D		

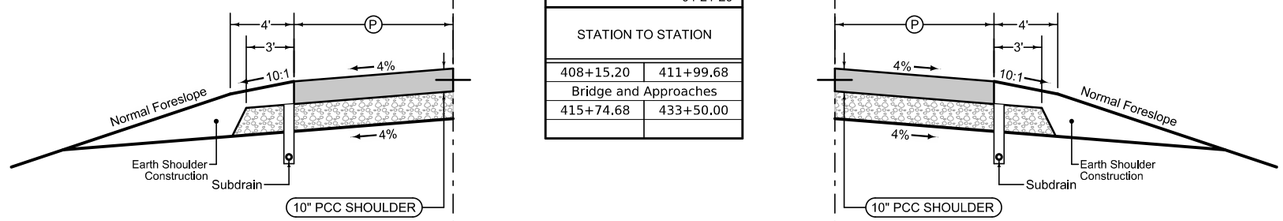
Mainline Jointing:
Transverse joints: CD at 17' spacing
Longitudinal joint: L-2

2P_ 04-21-20	
STATION TO STATION	
408+15.20	411+99.68
Bridge and Approaches	
415+74.68	433+50.00

Full Depth PCC Shoulder

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

2_P_FullPCC_ 04-20-21		
STATION TO STATION		P Feet
410+69.26	411+99.68	10
Bridge and Approaches		
415+74.68	416+71.09	10
BUS 61 Ramp B		



Full Depth PCC Combination Shoulder

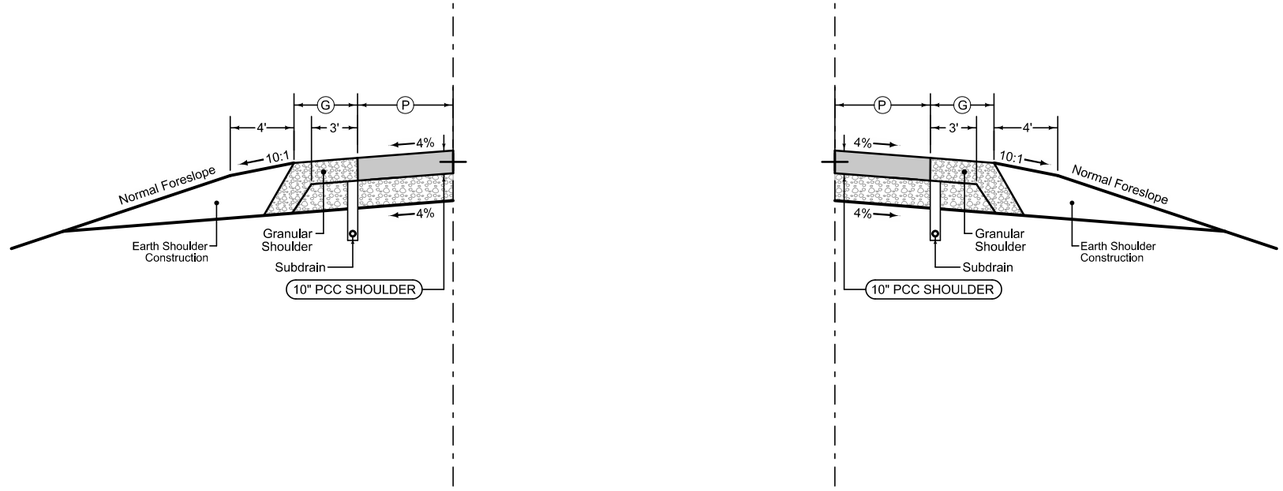
Shoulder Jointing:
Longitudinal joint: BT-2 or L-2
Transverse joints: C at 17' spacing

2_C_FullPCC_ 04-20-21			
STATION TO STATION		P Feet	G Feet
418+86.72	433+50.00	6	4

Full Depth PCC Combination Shoulder

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

2_C_FullPCC_ 04-20-21			
STATION TO STATION		P Feet	G Feet
419+04.10	427+25.18	6	4
BUS 61 S			
428+49.18	433+50.00	6	4



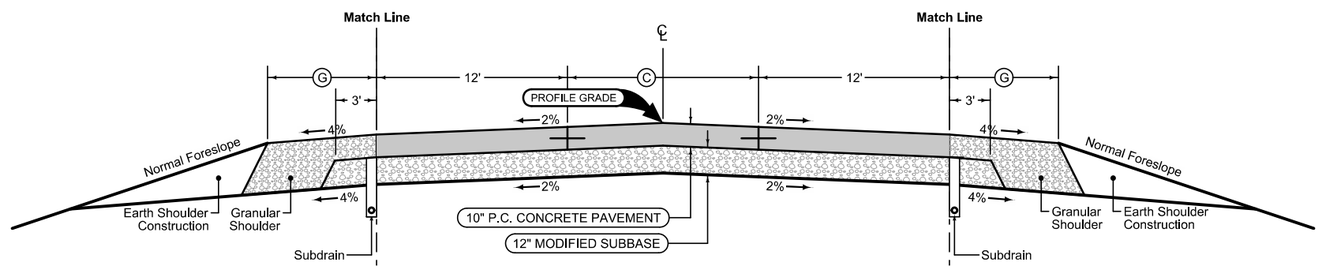
BUS 61

See Tab 100-24 for pavement quantities.

See Tab 112-9 for shoulder quantities.

Granular Shoulder

2_G_SR_ 04-21-20		
STATION TO STATION		(G) Feet
535+75.00	535+98.00	10
100th St W		
537+22.00	545+67.82	10
G62 Ramp A		
554+21.80	559+34.10	
142nd St		



Granular Shoulder

2_G_SR_ 04-21-20		
STATION TO STATION		(G) Feet
539+75.00	545+93.17	10
G62 Ramp C		
554+47.18	559+34.10	

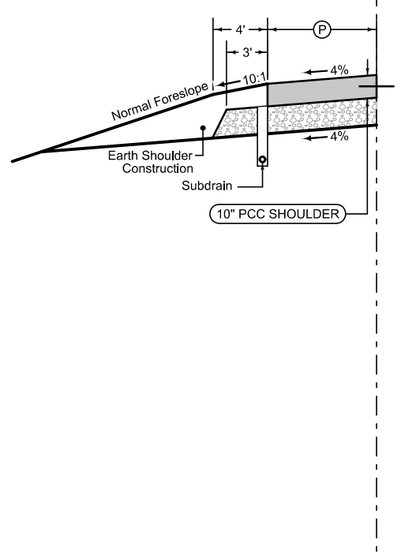
Mainline Jointing:
Transverse joints: CD at 17' spacing
Longitudinal joint: L-2

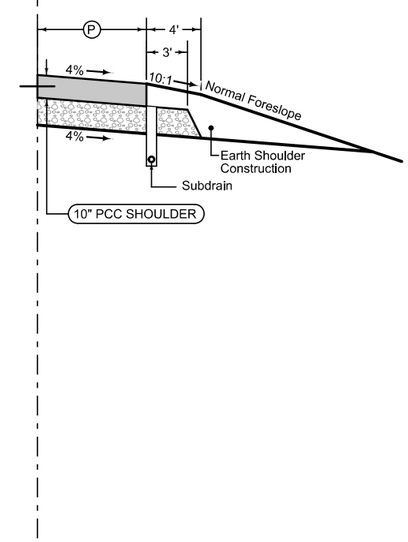
2P_TWLTL_ 04-21-20		
STATION TO STATION		(C) Feet
535+75.00	539+75.50	0
539+75.50	545+15.96	0-16
545+15.96	548+14.03	16
Bridge and Approaches		
551+99.03	559+97.38	16
559+97.38	565+37.84	16-0

Full Depth PCC Shoulder

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

2_P_FullPCC_ 04-20-21		
STATION TO STATION		(P) Feet
547+19.30	548+14.03	10
Bridge and Approaches		
551+99.03	552+81.77	10
G62 Ramp D		
560+57.86	565+37.84	10





Full Depth PCC Shoulder

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

2_P_FullPCC_ 04-20-21		
STATION TO STATION		(P) Feet
547+33.27	548+14.03	10
Bridge and Approaches		
551+99.03	552+96.65	10
G62 Ramp B		
559+34.10	565+37.84	10

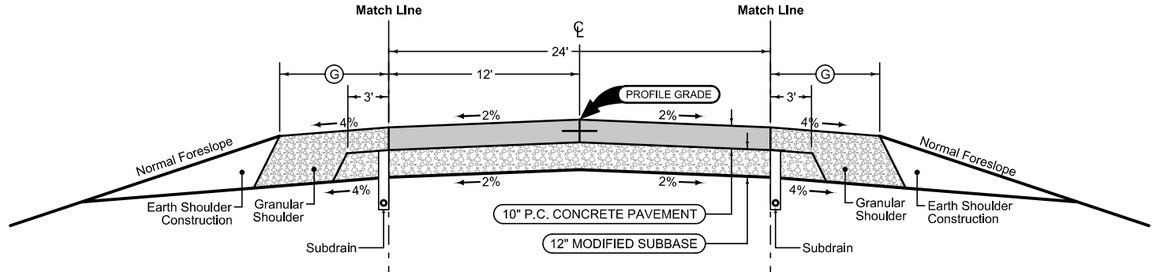
County Road G62

See Tab 100-24 for pavement quantities.

See Tab 112-9 for shoulder quantities.

Granular Shoulder

2_G_SR_ 04-21-20			
ROAD IDENTIFICATION	STATION TO STATION		G Feet
Co Rd H16 (W)	382+00.00	388+87.00	6
100th St W	5536+12.00	5568+85.00	6
100th St W	5568+85.00	5569+75.00	6-0
100th St W	5569+75.00	5572+00.00	0



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

2P_ 04-21-20		
ROAD IDENTIFICATION	STATION TO STATION	
H16/40th St (west)	382+00.00	388+87.00
100th St W	5536+12.00	5572+00.00

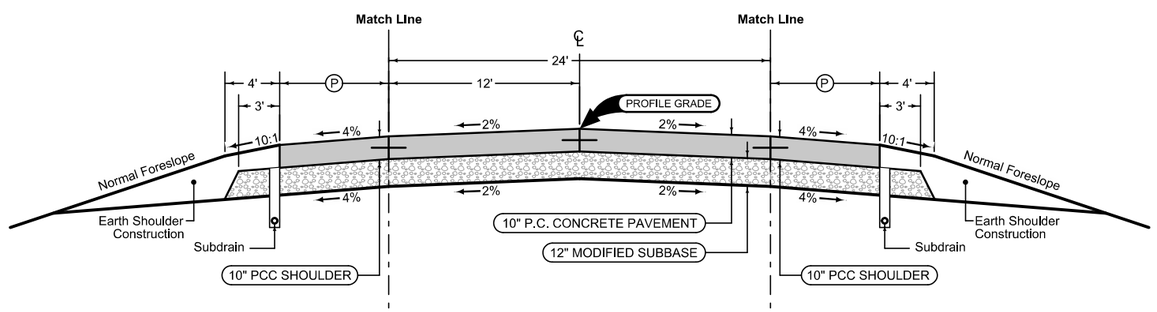
Granular Shoulder

2_G_SR_ 04-21-20			
ROAD IDENTIFICATION	STATION TO STATION		G Feet
Co Rd H16 (W)	382+00.00	388+87.00	6
100th St W	5536+12.00	5568+85.00	6
100th St W	5568+85.00	5569+75.00	6-0
100th St W	5569+75.00	5572+00.00	0

Full Depth PCC Shoulder

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

2_P_FullPCC_ 04-20-21			
ROAD IDENTIFICATION	STATION TO STATION		P Feet
142nd Ave	60+17.38	61+35.00	6
142nd Ave	61+35.00	61+85.00	2



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

2P_ 04-21-20		
ROAD IDENTIFICATION	STATION TO STATION	
142nd Ave	60+17.38	61+85.00

Full Depth PCC Shoulder

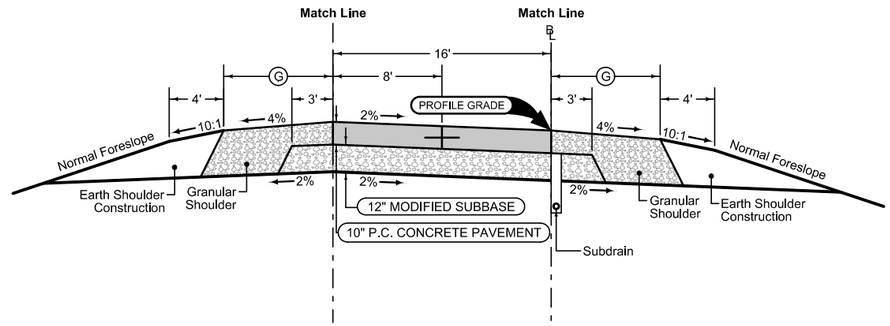
Shoulder Jointing:
Longitudinal joint: BT-2 or L-2
Transverse joints: C at 17' spacing

2_P_FullPCC_ 04-20-21			
ROAD IDENTIFICATION	STATION TO STATION		P Feet
142nd Ave	60+17.38	61+35.00	6
142nd Ave	61+35.00	61+85.00	2

PAVED SIDE ROADS

See Tab 100-24 for pavement quantities.

See Tab 112-9 for shoulder quantities.



Section shown in the direction of traffic.

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

				1RP_ Modified
INTERCHANGE	RAMP	BEGIN STATION	END STATION	
US 61 at BUS61	A	12345+12.77	12356+37.50	
US 61 at BUS61	B	22333+68.02	22345+52.23	
US 61 at BUS61	C	32335+20.41	32345+21.04	
US 61 at BUS61	D	42345+12.77	42355+42.21	
US 61 at G62	A	11550+01.51	11564+00.00	
US 61 at G62	B	22536+75.00	22550+12.31	
US 61 at G62	C	33537+78.67	33550+12.76	
US 61 at G62	D	44550+00.14	44562+46.34	

Granular Shoulder

				1R_G_ Modified
INTERCHANGE	RAMP	BEGIN STATION	END STATION	G Feet
US 61 at BUS61	A	12345+12.77	12356+37.50	6
US 61 at BUS61	B	22333+68.02	22345+52.23	6
US 61 at BUS61	C	32335+20.41	32345+21.04	6
US 61 at BUS61	D	42345+12.77	42355+42.21	6
US 61 at G62	A	11550+01.51	11564+00.00	6
US 61 at G62	B	22536+75.00	22550+12.31	6
US 61 at G62	C	33537+78.67	33550+12.76	6
US 61 at G62	D	44550+00.14	44562+46.34	6

Granular Shoulder

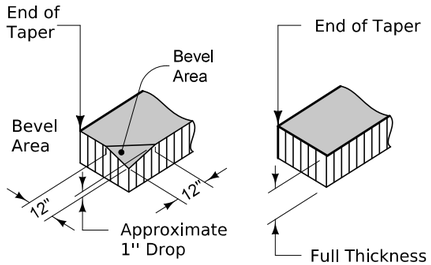
				1R_G_ Modified
INTERCHANGE	RAMP	BEGIN STATION	END STATION	G Feet
US 61 at BUS61	A	12345+12.77	12356+37.50	6
US 61 at BUS61	B	22333+68.02	22345+52.23	6
US 61 at BUS61	C	32335+20.41	32345+21.04	6
US 61 at BUS61	D	42345+12.77	42355+42.21	6
US 61 at G62	A	11550+01.51	11564+00.00	6
US 61 at G62	B	22536+75.00	22550+12.31	6
US 61 at G62	C	33537+78.67	33550+12.76	6
US 61 at G62	D	44550+00.14	44562+46.34	6

INTERCHANGE RAMPS

See Tab 100-24 for pavement quantities.

See Tab 112-9 for shoulder quantities.

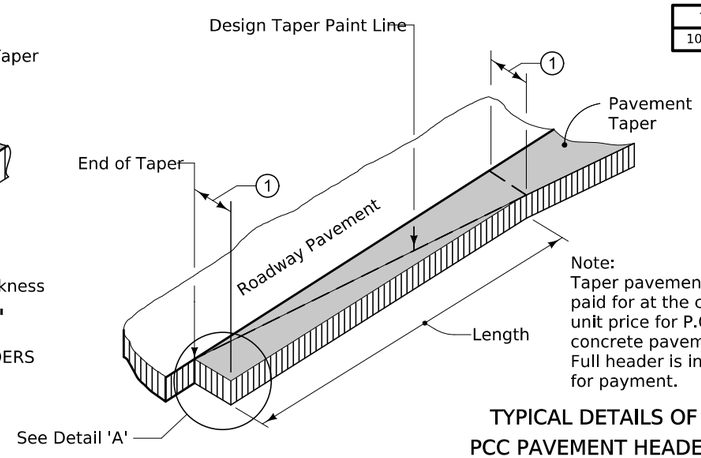
7101
10-19-10



DETAIL 'A'
FOR
GRANULAR SHOULDERS

DETAIL 'A'
FOR
PAVED SHOULDERS

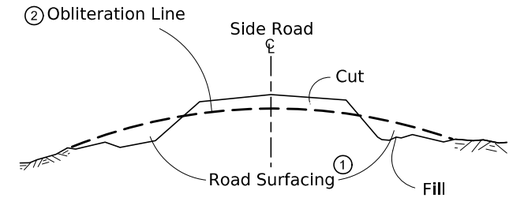
① Normal width is 2'-0". Construct 4'-0" width when butting into 4' wide HMA shoulders (See Typical 7154A).



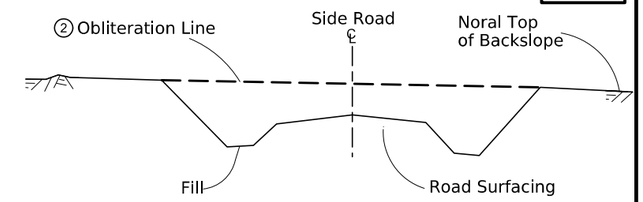
Note:
Taper pavement to be paid for at the contract unit price for P.C. concrete pavement. Full header is included for payment.

TYPICAL DETAILS OF
PCC PAVEMENT HEADER

4302
04-03-01



Fill Section



Cut Section

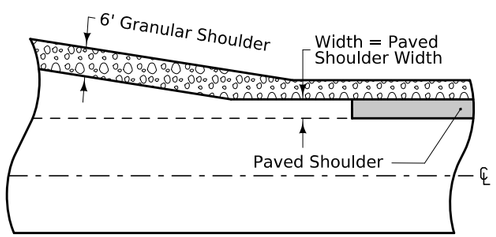
① Existing road surfacing (granular material) shall be placed as shown unless otherwise directed by the Engineer or provided for in the detail project plans.

② When specified, the upper 1' to be suitable for vegetation (grass or crops).

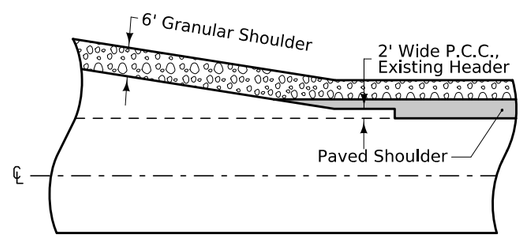
Note:
The work of obilterating or reshaping old roadbeds shall be done at the direction of the Engineer.

TYPICAL DETAILS FOR OBLITERATION EXISTING ROADBED

7154A
10-20-09



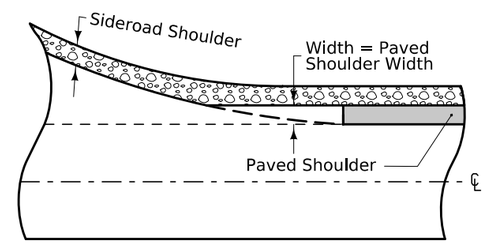
With Newly Constructed Turn Lanes



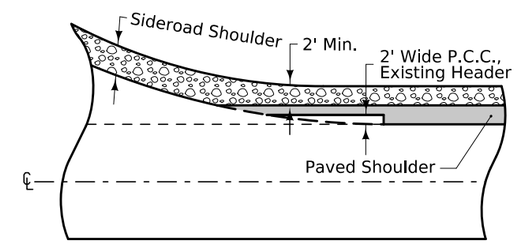
At UAC Turn Lanes

PAVED SHOULDER
DETAIL AT
TURN LANES

7154B
10-19-21



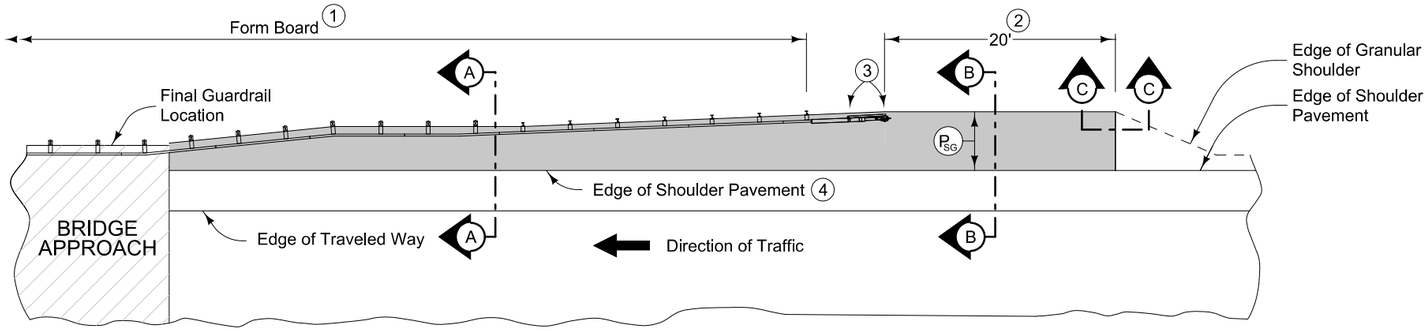
With Newly Constructed Returns



At UAC Returns

PAVED SHOULDER
DETAIL AT RETURNS

7157B
MODIFIED

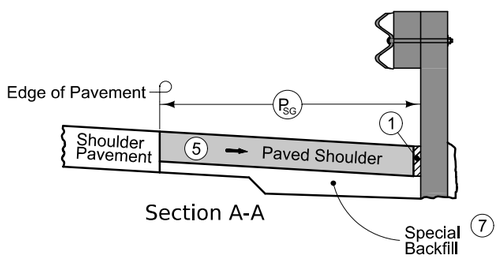


PLAN VIEW

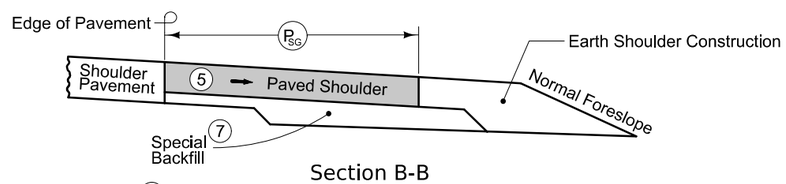
6" PCC Paved Shoulder at guardrail with the following jointing layout:

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.



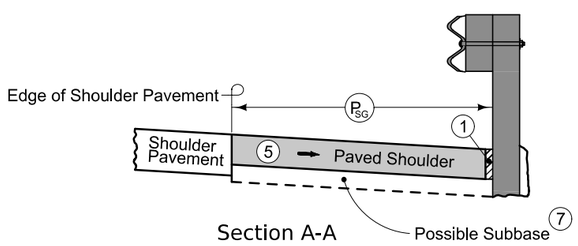
Section A-A



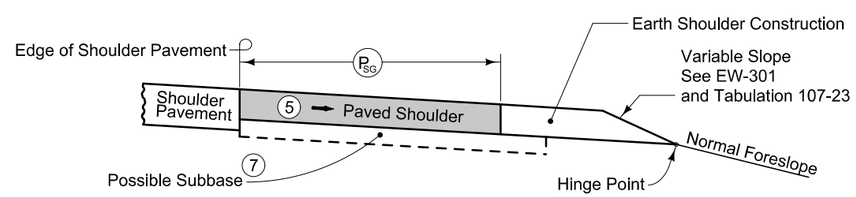
Section B-B

NEW CONSTRUCTION 6

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. 'BT' 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.

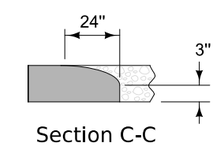


Section A-A



Section B-B

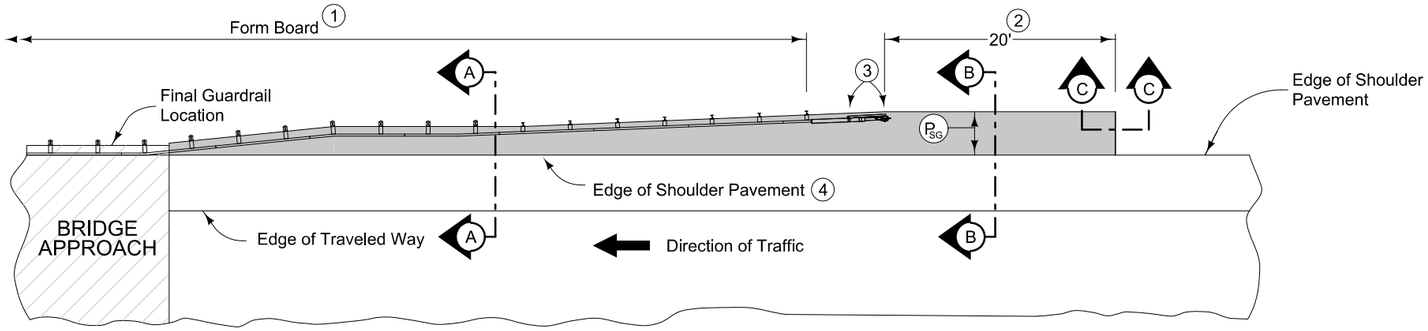
EXISTING SHOULDER



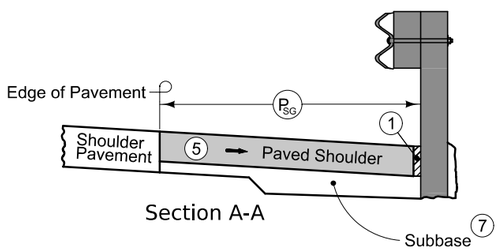
Section C-C
Roll down at granular shoulder or earth.

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

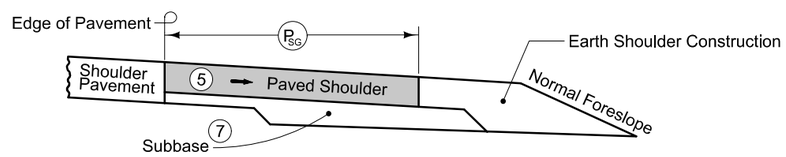
7158B
MODIFIED



PLAN VIEW

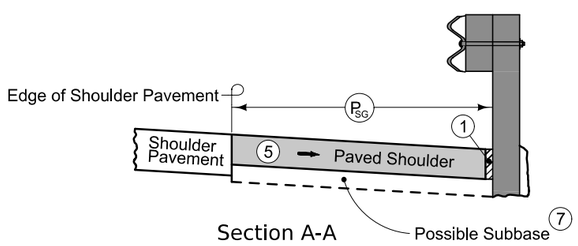


Section A-A

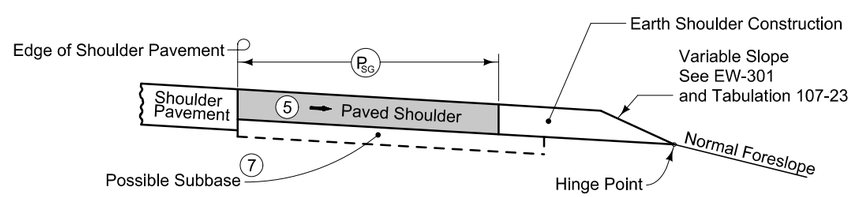


Section B-B

NEW CONSTRUCTION 6



Section A-A



Section B-B

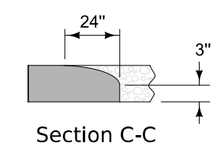
EXISTING SHOULDER

6" 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. 'BT' 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)

SURVEY SYMBOLS

- Interstate Highway Symbol
- U.S. Highway Symbol
- Iowa Highway Symbol
- County Road Highway Symbol
- Evergreen Tree
- Deciduous Tree
- Fruit Tree
- Shrub (Bushes)
- Timber
- Hedge
- Stump
- Swamp
- Rock Outcrop
- Broken Concrete
- Revetment (Rip Rap)
- Cemetery
- Grave
- Cave
- Sink Hole
- Board Fence
- Chain Link or Security Fence
- Wire Fence
- Terrace
- Earth Dam or Dike (Existing)
- Tile Outlet
- Edge of Water
- Existing Drainage
- Right of Way Rail or Lot Corner
- Concrete Monument
- Well
- Windmill
- Beehive Intake
- Existing Intake
- Existing Utility Access (Manhole)
- Fire Hydrant
- 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

SECTION A

- F02 — FO2D - Windstream Communications - Quality D
- F03 — FO3D - Mutual Telephone Co of Morning Sun - Quality D
- T2 — TL2D - Mutual Telephone Co of Morning Sun - Quality D
- T3 — TL3D - Windstream Communications - Quality D
- E1 — EL1D - Eastern Iowa Light & Power - Quality D
- PPA - Eastern Iowa Light & Power

SECTION B

- E1 — EL1D, Electric Line Eastern Iowa Light & Power - Quality D
- FO — FO1D, Fiber Optic Iowa Communications Network - Quality D
- F02 — FO2D, Fiber Optic Windstream Communications - Quality D
- F03 — FO3D, Fiber Optic Mutual Telephone Co of Morning Sun - Quality D
- F04 — FO4D, Fiber Optic Aureon Network Services - Quality D
- G — GL1D, Gas Line Alliant Energy - Quality D
- PPA, Power Pole Alliant Energy
- PPB, Power Pole Eastern Iowa Light & Power
- T1 — TL1D, Telephone Line CenturyLink - Quality D
- T2 — TL2D, Telephone Line Co. 2 - Quality D
- T3 — TL3D, Telephone Line Windstream Communications - Quality D
- TV — TV1D, TV Cable Mediacom - Quality D

SECTION C

- T1 — TL1D Windstream Communications - Quality D
- PPA Eastern Iowa Light & Power
- FO — FO1D CenturyLink - Quality D

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.		
Green	(2)		Existing Topographic Features and Labels
Blue	(1)		Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)		Existing Utilities

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

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

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

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

RIGHT-OF-WAY LEGEND

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

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

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

Wapello Township
T-73N R-3W
SEC. 27

Sta. 2125+25.00 (ML061)
Begin SB Construction

18" X 42.5'
C.M.P.

POT Sta. 2136+42.97 (ML061)
= POT Sta. 136+42.97 (SR30)

PC 2106+19.85

POB 2106+18.85

2110+00

Δ = 12°42'47.30" (LT)
T = 557.00'
L = 1109.43'
R = 5000.00'
E = 30.93'
e = ___
L = ___
x = ___

2115+00

PT 2117+29.28

2120+00

2125+00

2130+00

PI 2131+86.02

2135+00

61

PI 2111+76.86

Sta. 2126+04.60
Install 24" RCP
Skew 0° Elev. = ???.??
Length LT 0'
Length RT 82'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Sta. 2126+00
Install 24" RCP
Skew 0°
Length LT 102'
Length RT 102'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Sta. 2126+12 Prop.
Install 24" "PCPM" Dike
Skew 0° Elev. = ???.??
Length LT 0'
Length RT 82'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Sta. 2132+50
Install 36" RCP
Skew 0°
Length LT 102'
Length RT 102'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Sta. 2132+62 Prop.
Install 24" "PCPM" Dike
Skew 0° Elev. = ???.??
Length LT 92'
Length RT 0'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Δ = 18°51'48.63" (RT)
T = 581.41'
L = 1152.31'
R = 3500.00'
E = 47.96'
e = 5.0%
L = 225
x = 90

Sta. 2135+50
Install 24" RCP
Skew 0°
Length LT 100'
Length RT 0'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

30th St

For additional information, refer to Des Moines/Louisa County Grading US 61
NHSX-061-2(66)--3H-29
Letting Date July 18, 2023

Sta. 2121+75.00 (ML061)
Begin Construction

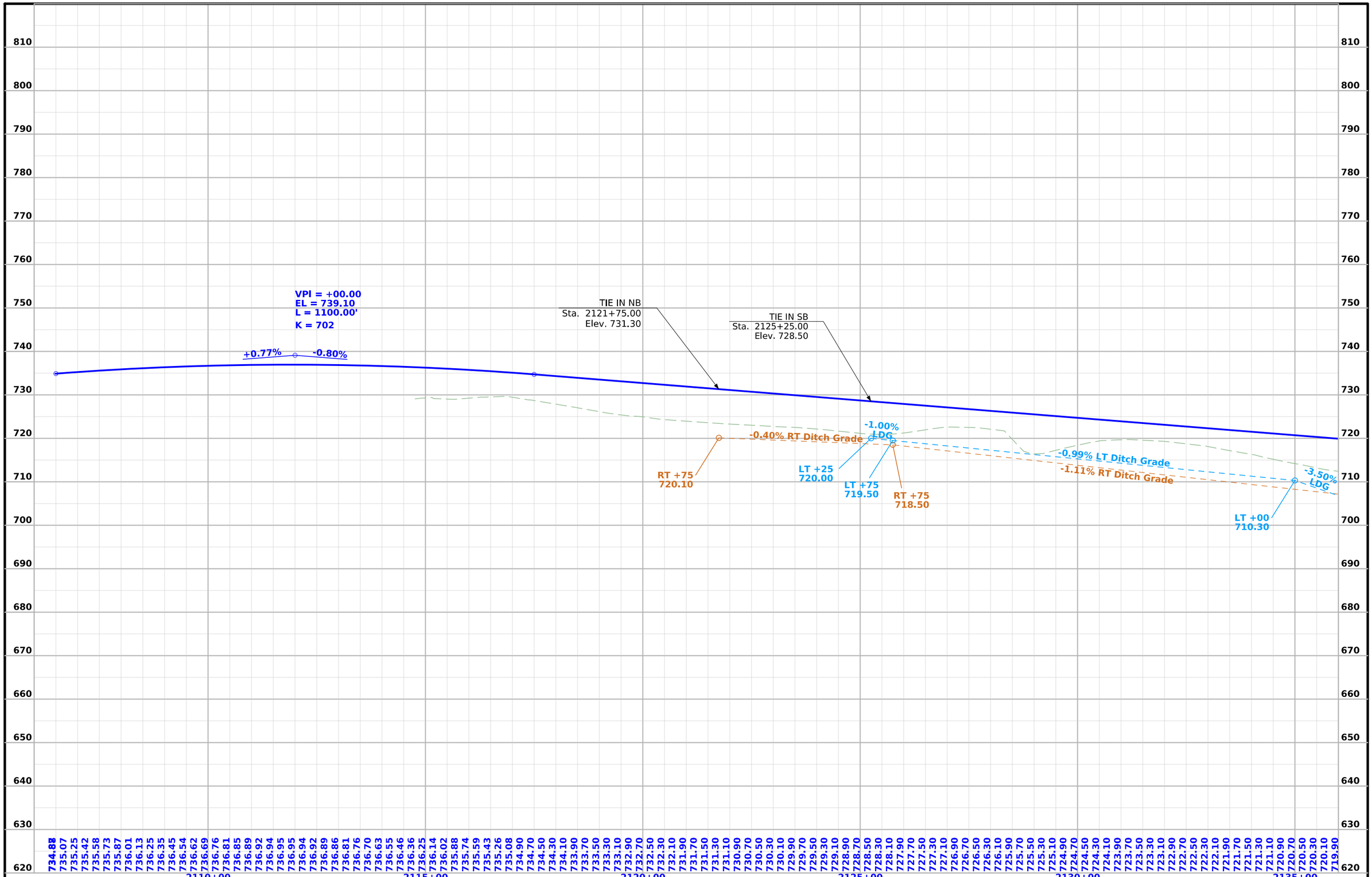
Wapello TWP.
T-73N R-3W
SEC. 26

0 FEET 100

US 61

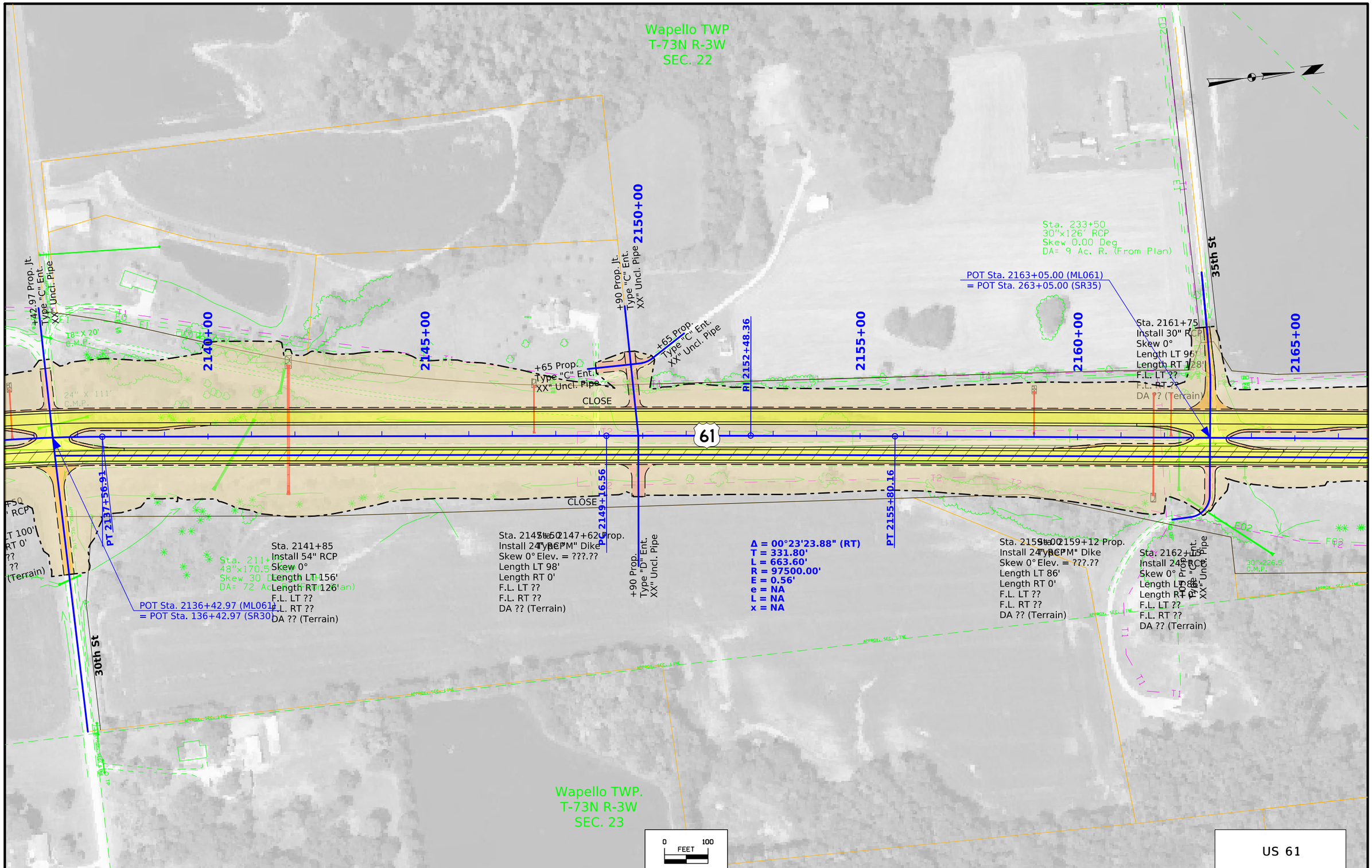
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.2**

1:50:57 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



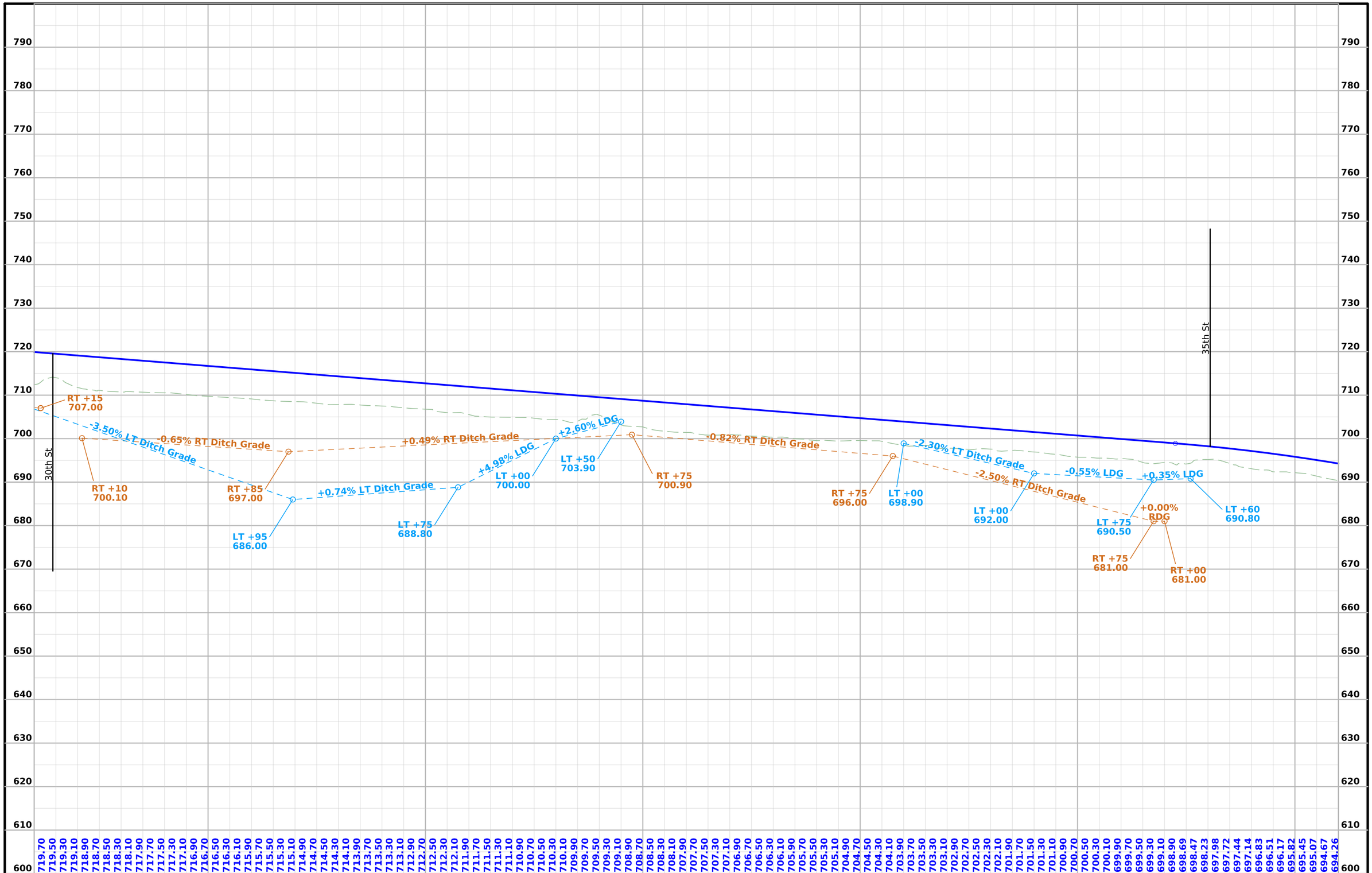
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.3

1:51:23 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



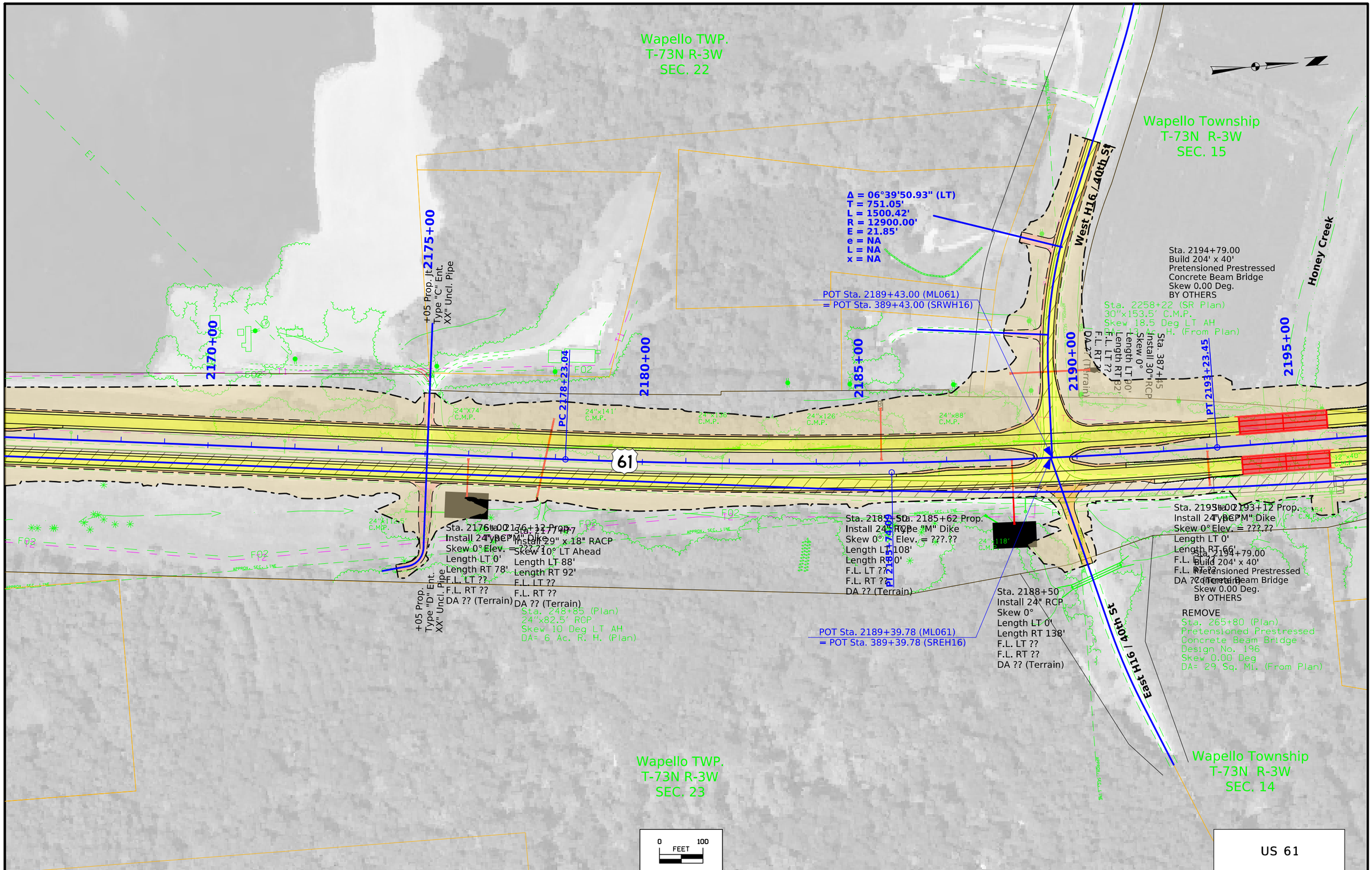
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.4**

1:51:30 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



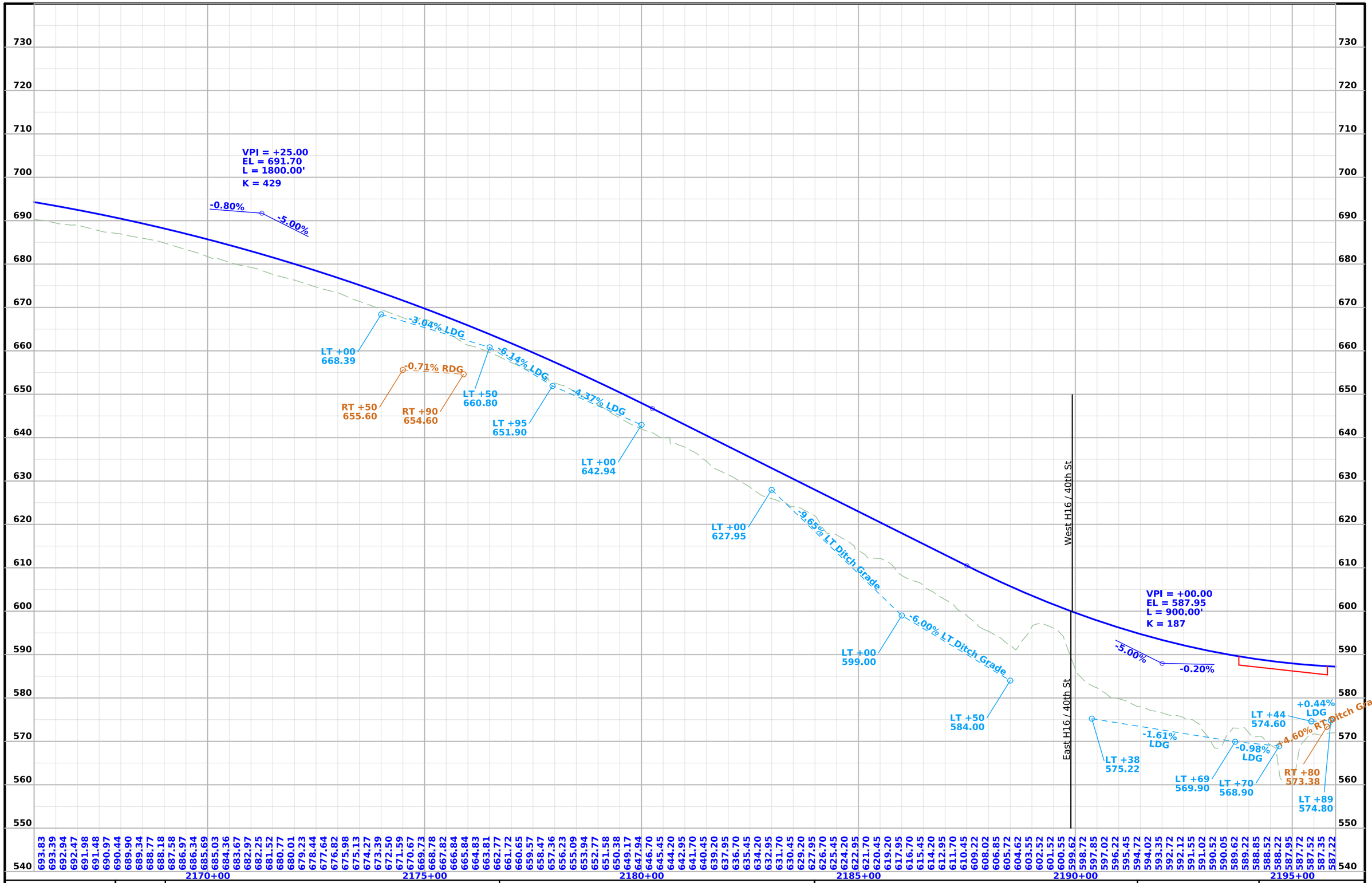
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.5

1:52:36 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



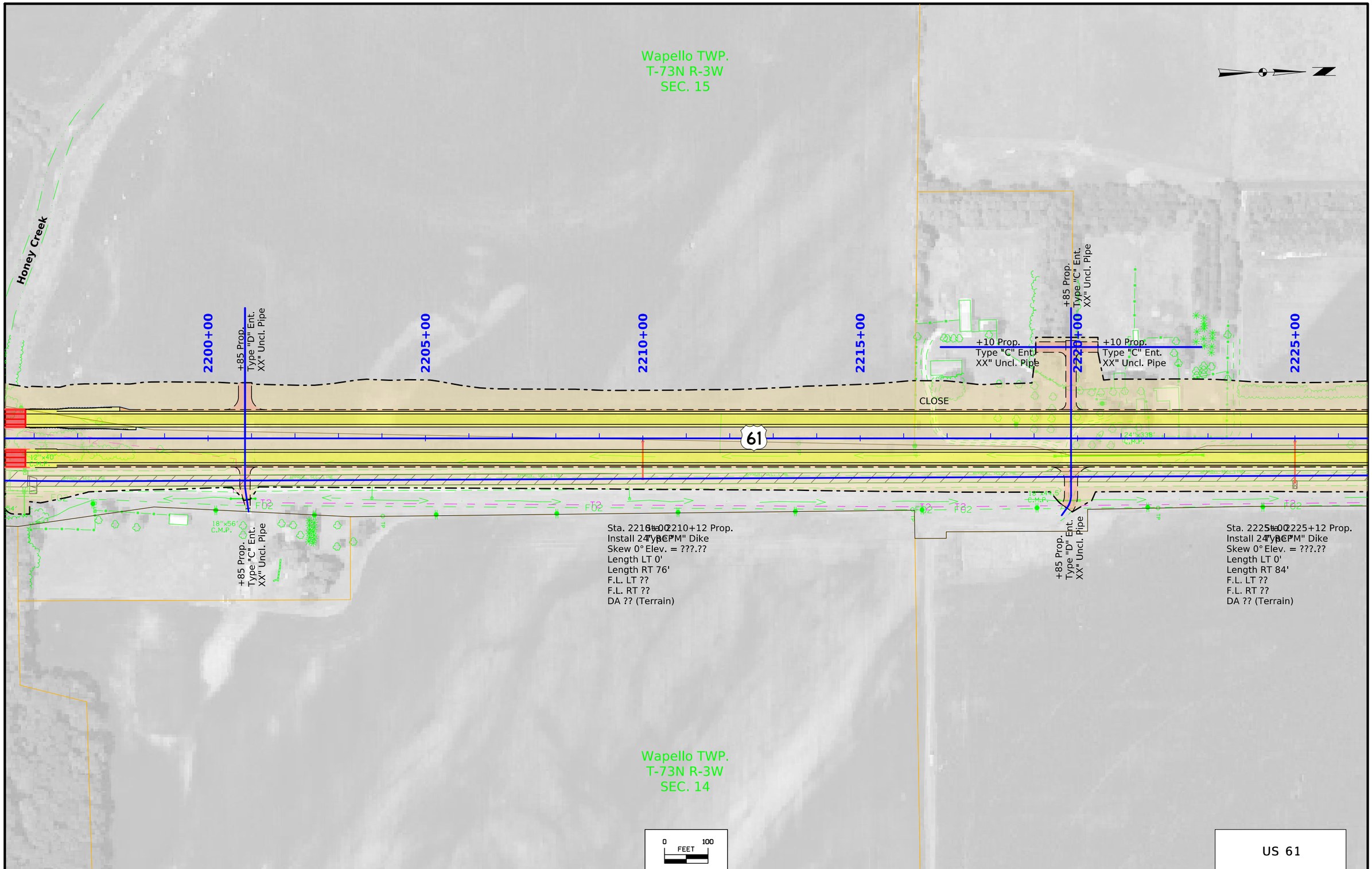
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.6**

1:53:28 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.7

1:54:26 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn

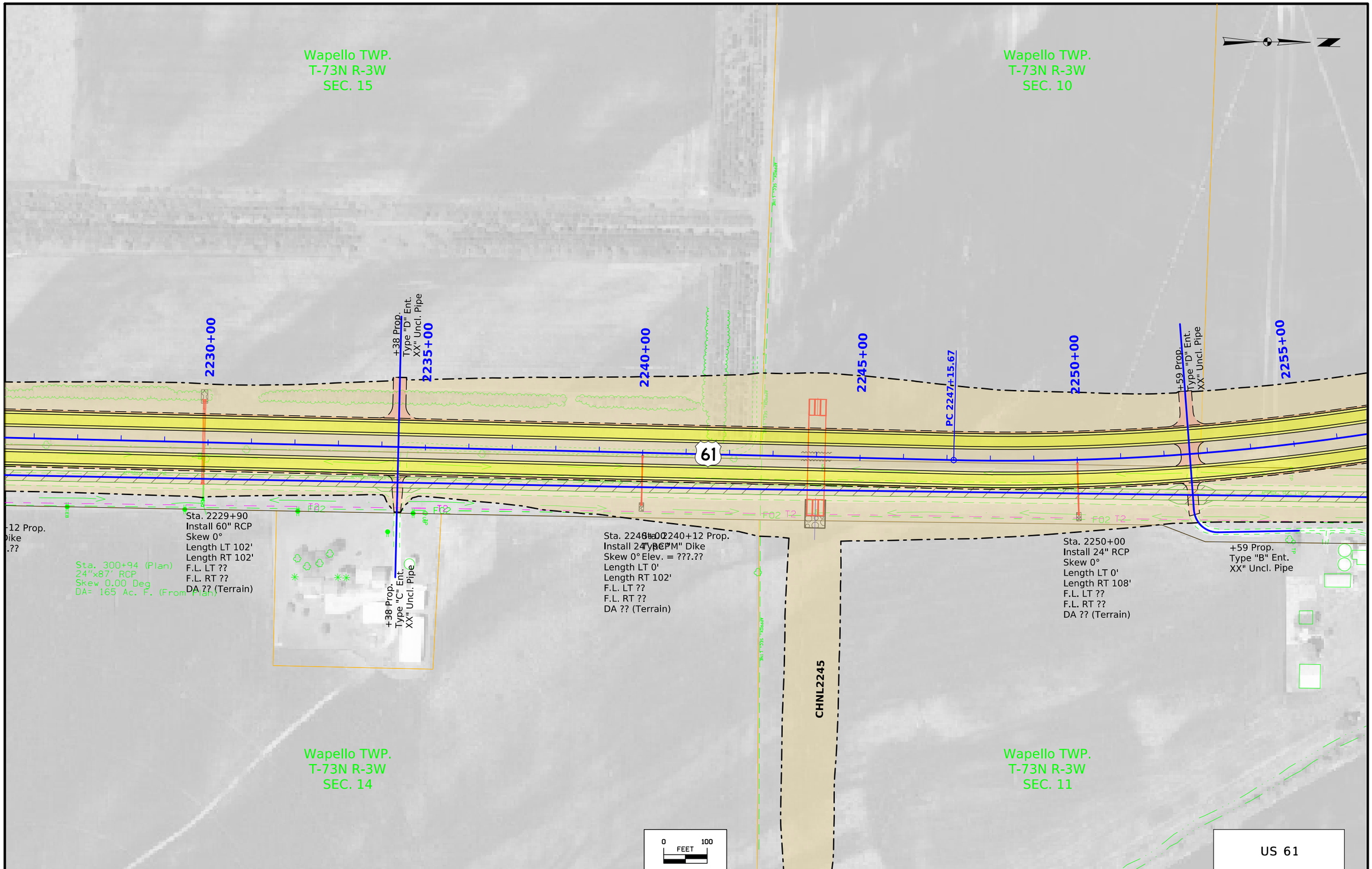


FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.8**

1:54:29 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn

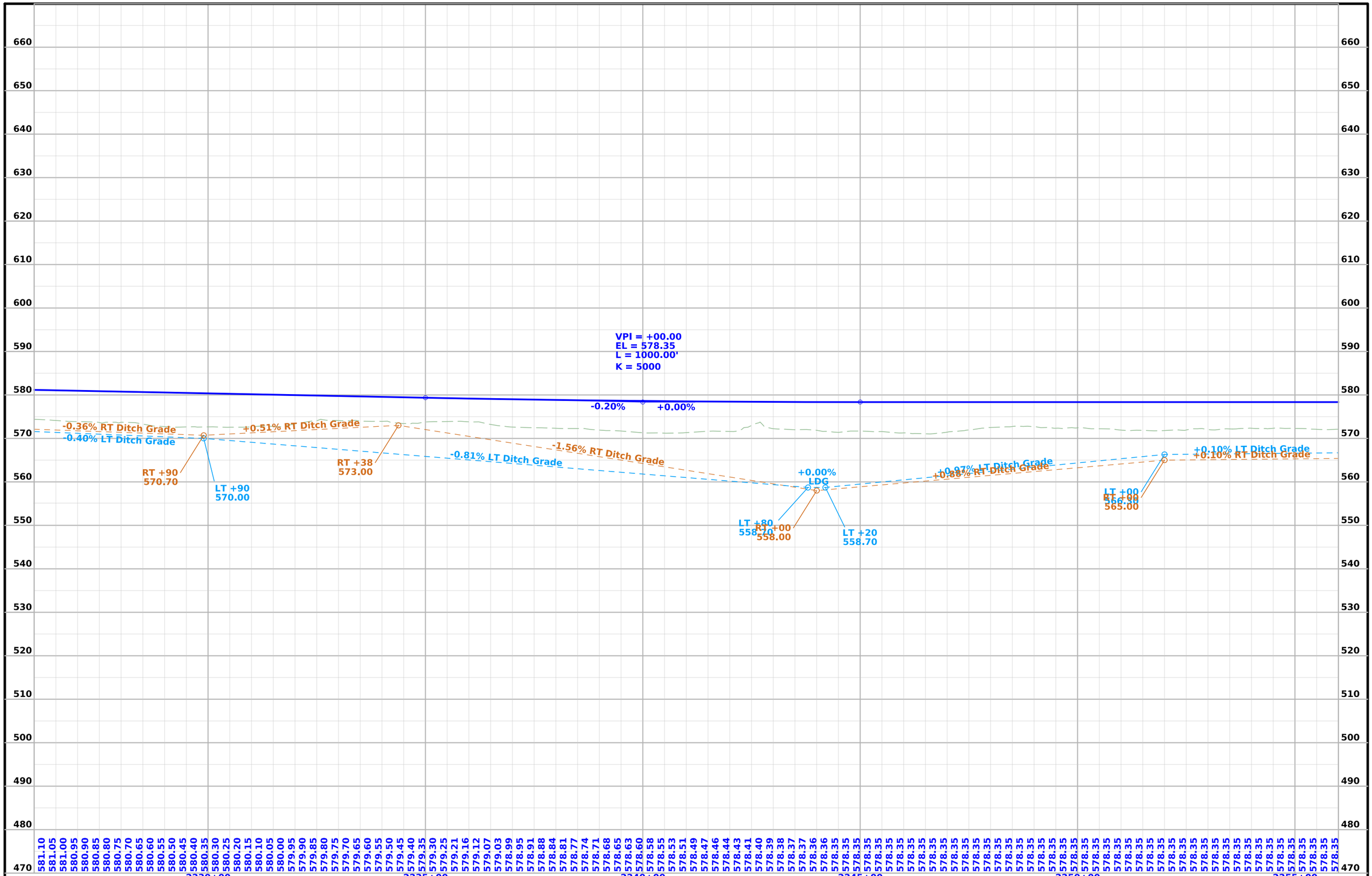
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.9

1:55:01 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



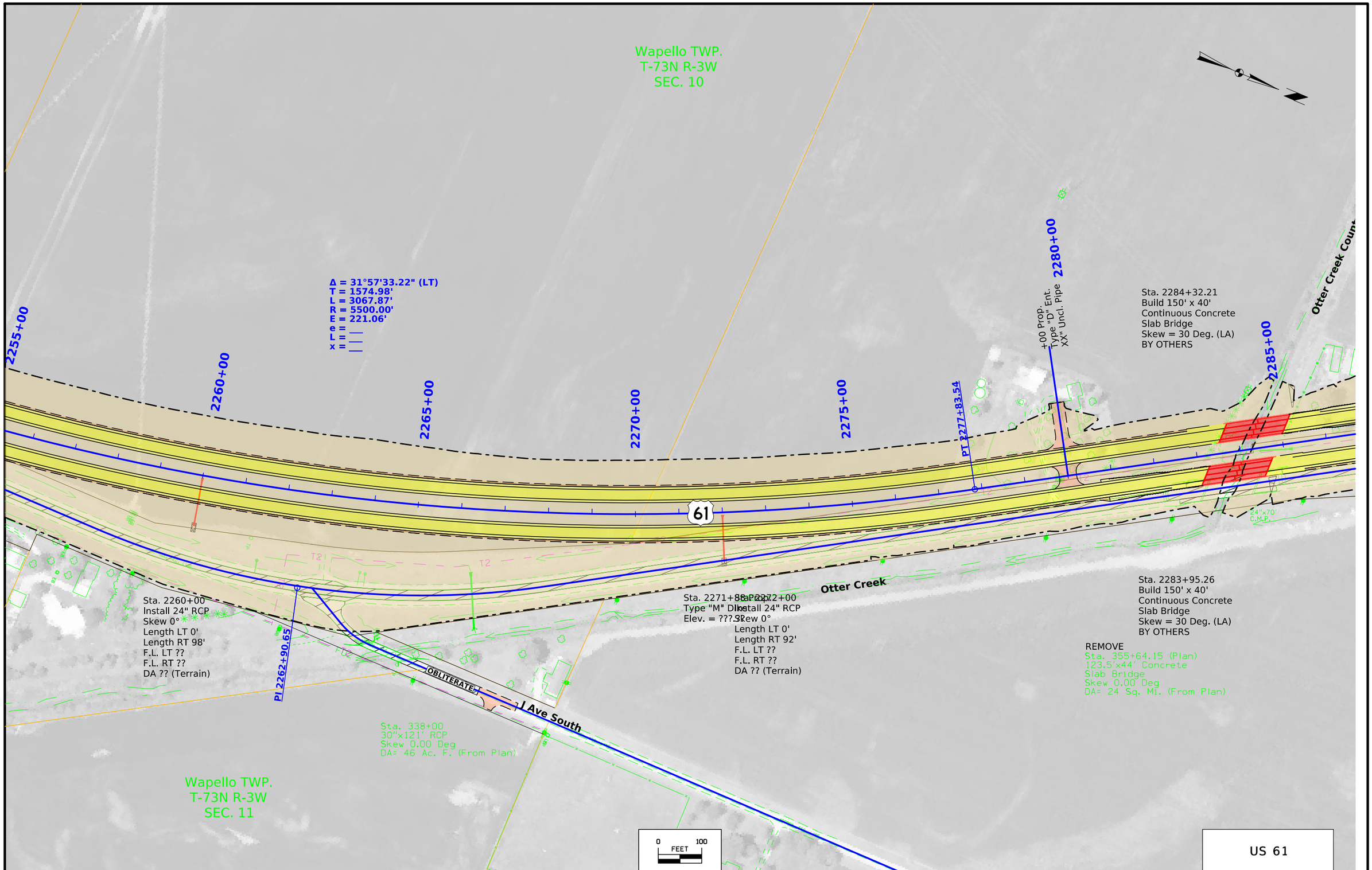
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.10**

1:55:06 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



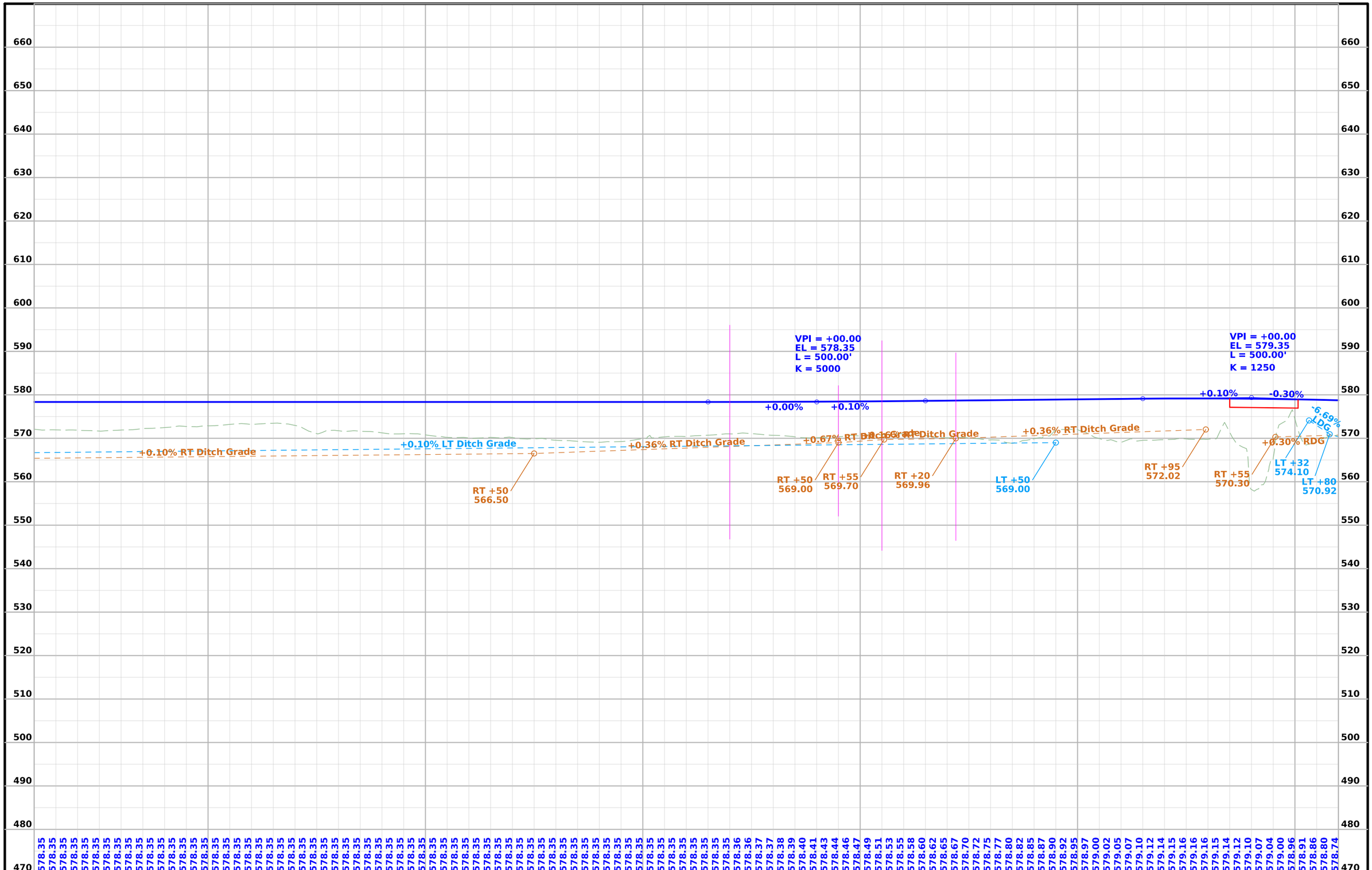
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.11

1:55:21 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



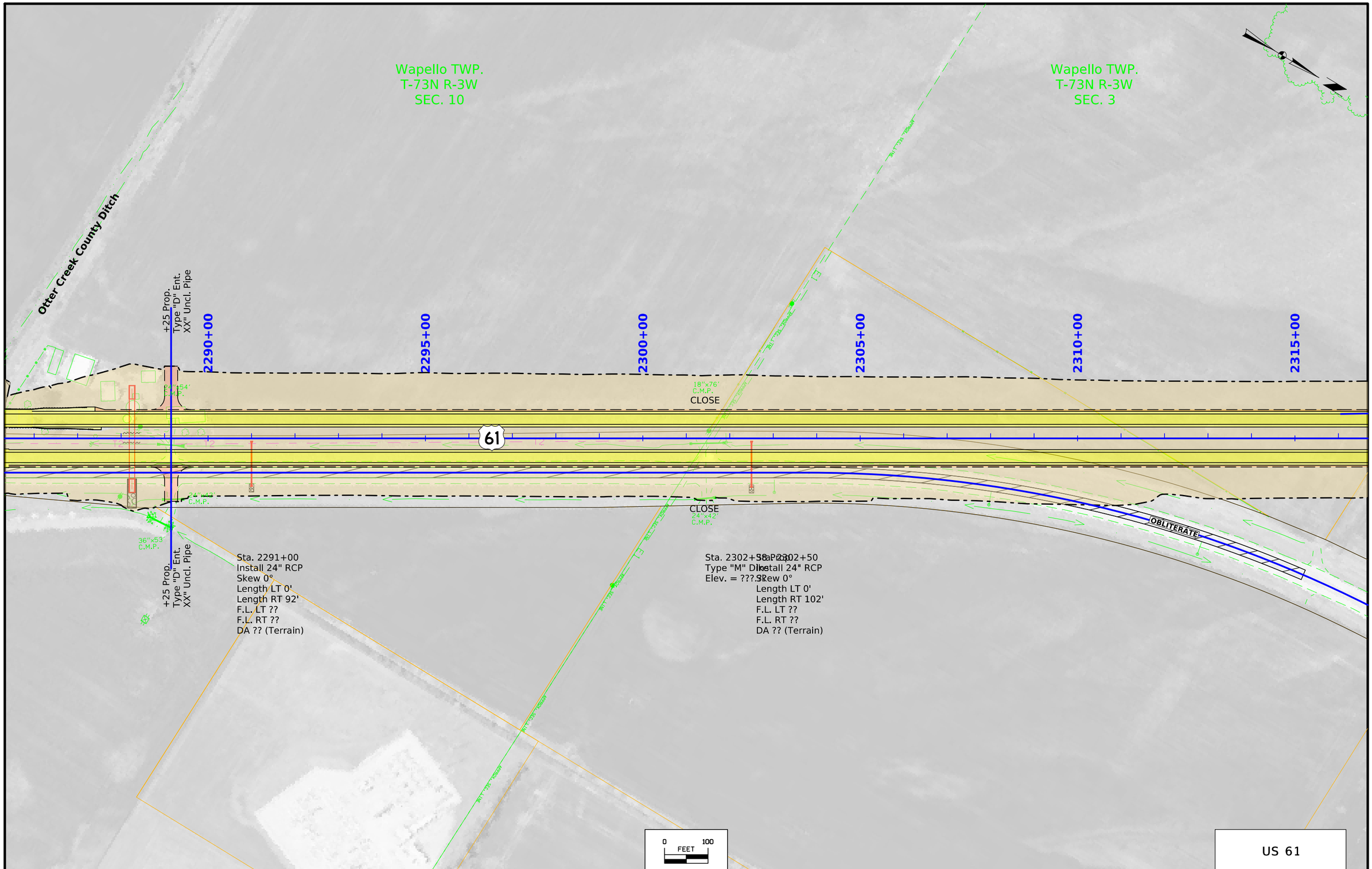
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.12**

1:55:25 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.13

1:56:01 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.14**

1:56:09 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.15

1:56:27 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn

Wapello TWP.
T-73N R-3W
SEC. 3

65th St

POT Sta. 2345+00.00 (ML061)
= POT Sta. 413+87.18 (SRBUS61)

Sta. 32338+95
Install 24" RCP
Skew 0°
Length LT 42'
Length RT 58'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

2320+00
2325+00
2330+00
2335+00
2340+00
2345+00

PC 2333+67.76

61

BUS 61

Sta. 2316+88 to 2317+00
Type "M" Dike
Elev. = ???.??

Install 24" RCP
Skew 0°
Length LT 0'
Length RT 94'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Sta. 2332+53
Install 48" RCP
Skew 32° LT Ahead
Length LT 7'
Length RT 43'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

OBLITERATE

Sta. 22338+80
Install 24" RCP
Skew 0°
Length LT 58'
Length RT 42'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

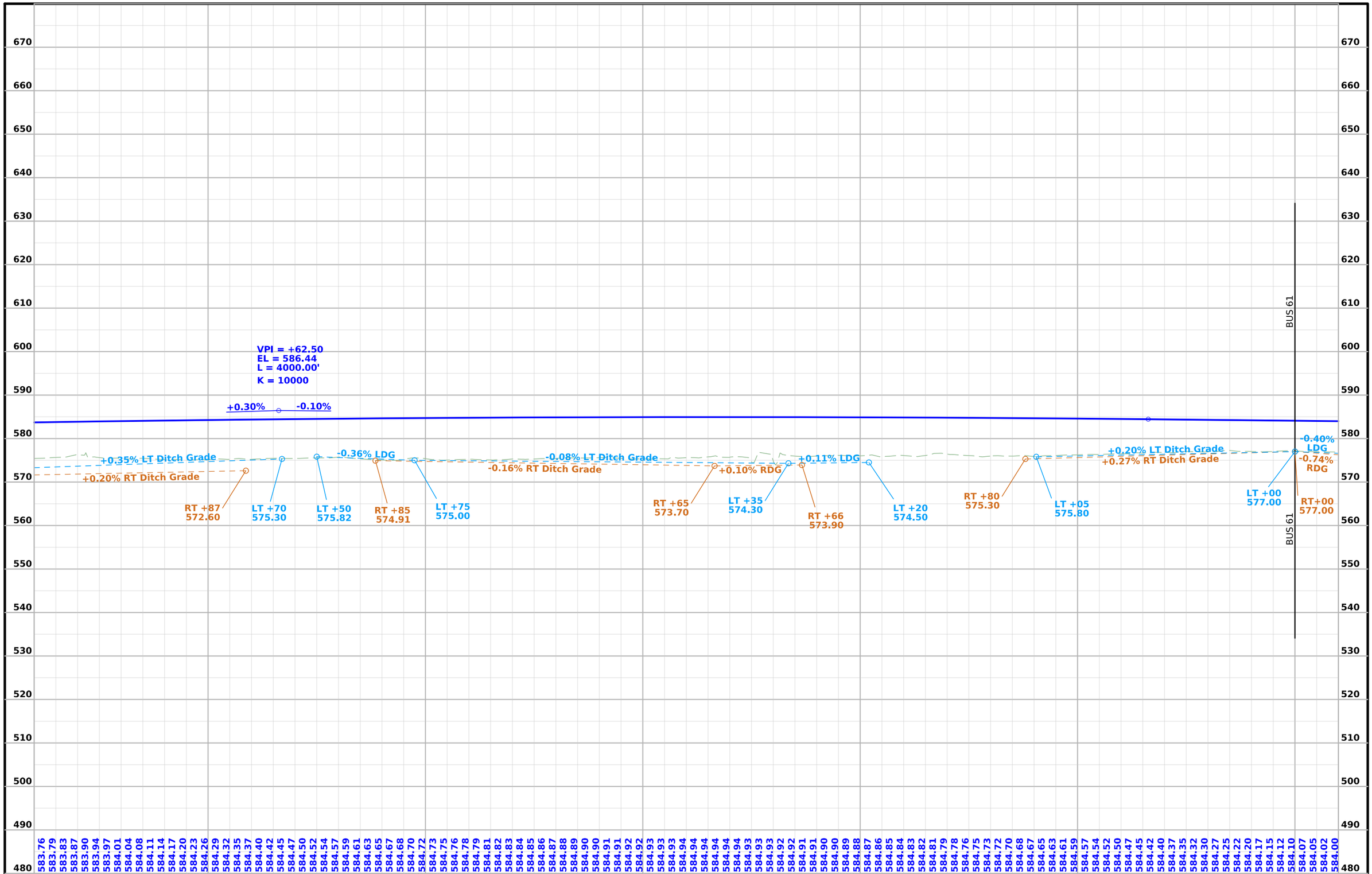
Old Hwy 61

0 100
FEET

US 61

FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.16**

1:56:31 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.17

1:56:57 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn

Wapello TWP.
T-73N R-3W
SEC. 4

Wapello TWP.
T-74N R-3W
SEC. 33

Wapello TWP.
T-73N R-3W
SEC. 3

24" x 26.3'
Conc. Pipe

Δ = 13°15'58.87" (LT)
T = 1500.15'
L = 2986.89'
R = 12900.00'
E = 86.93'
e = NA
L = NA
x = NA

Sta. 12351+50
Install 24" RCP
Skew 0°
Length LT 44'
Length RT 58'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

2350+00
2355+00
2360+00
PT 2363+54.64
2365+00
2370+00
2375+00

61

PC 2372+03.58

Sta. 2346+75 to 2346+87 Prop.
Install 24" RCP
Skew 0° Elev. = ???.??
Length LT 0'
Length RT 92'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

PI 2342+67.91

Sta. 42351+80
Install 24" RCP
Skew 0°
Length LT 60'
Length RT 50'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Sta. 2358+50
Install 24" RCP
Skew 0°
Length LT 0'
Length RT 100'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Sta. 2365+86 to 2366+00
Type "M" Dike
Elev. = ???.??
Install 24" RCP
Skew 0°
Length LT 0'
Length RT 98'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Wapello TWP.
T-74N R-3W
SEC. 34

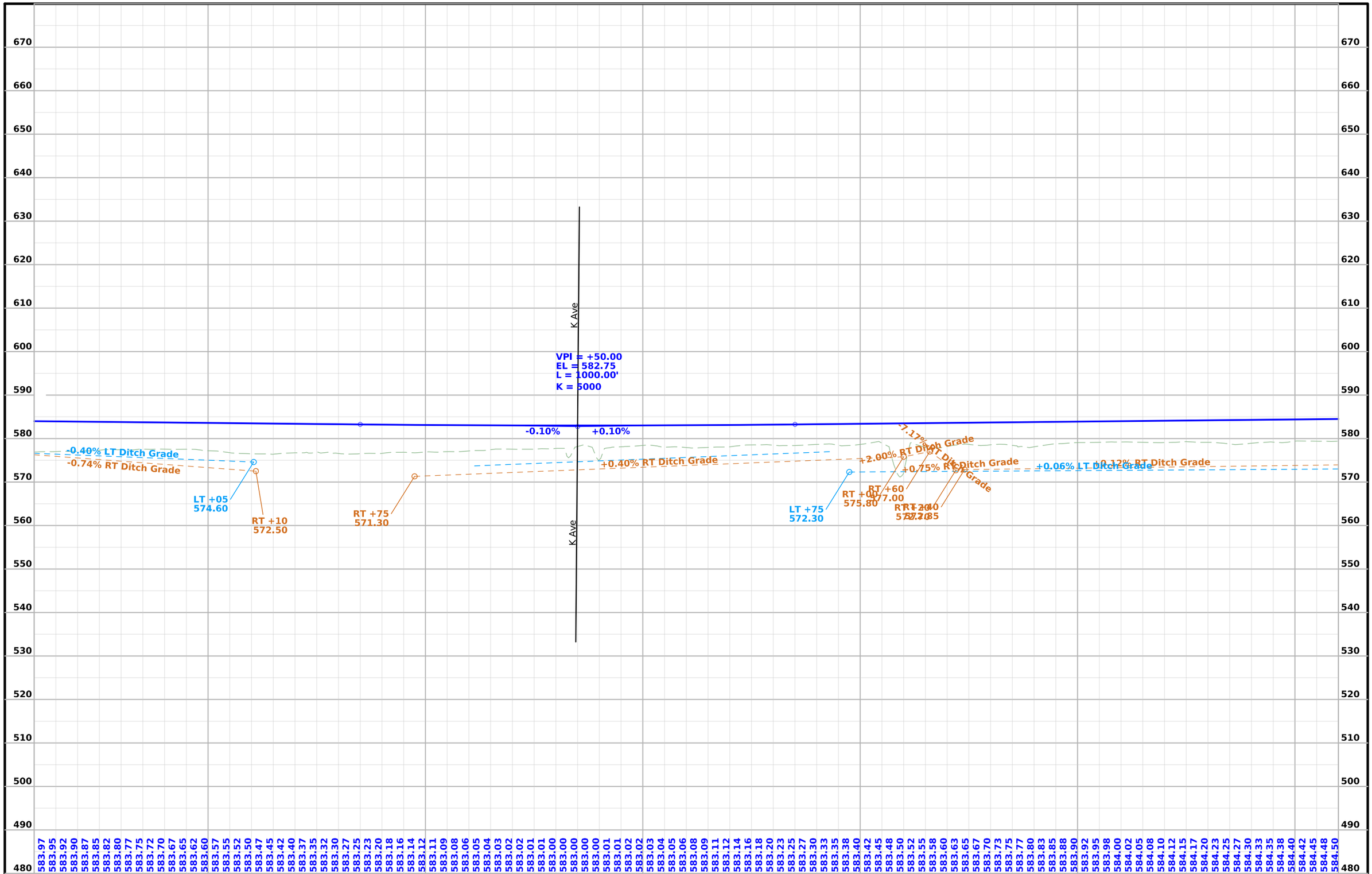
Wapello TWP.
T-74N R-3W
SEC. 33

0 100
FEET

US 61

FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.18**

1:57:00 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.19

1:57:11 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn

Wapello TWP.
T-74N R-3W
SEC. 33

PI 2393+12.52

OBLITERATE

70th St

2380+00

2385+00

2390+00

2395+00

2400+00

2405+00

61

OBLITERATE

18"x27' C.M.P.

18"x27' C.M.P.

DOUBLE 18"x50' R.C.P.

Sta. 2379+86 to 2380+00
Type "M" Dike
Elev. = ???.??
Install 24" RCP
Skew 0°
Length LT 0'
Length RT 86'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

Sta. 2392+88 to 2393+00
Type "M" Dike
Elev. = ???.??
Install 24" RCP
Skew 0°
Length LT 0'
Length RT 84'
F.L. LT ??
F.L. RT ??
DA ?? (Terrain)

70th St

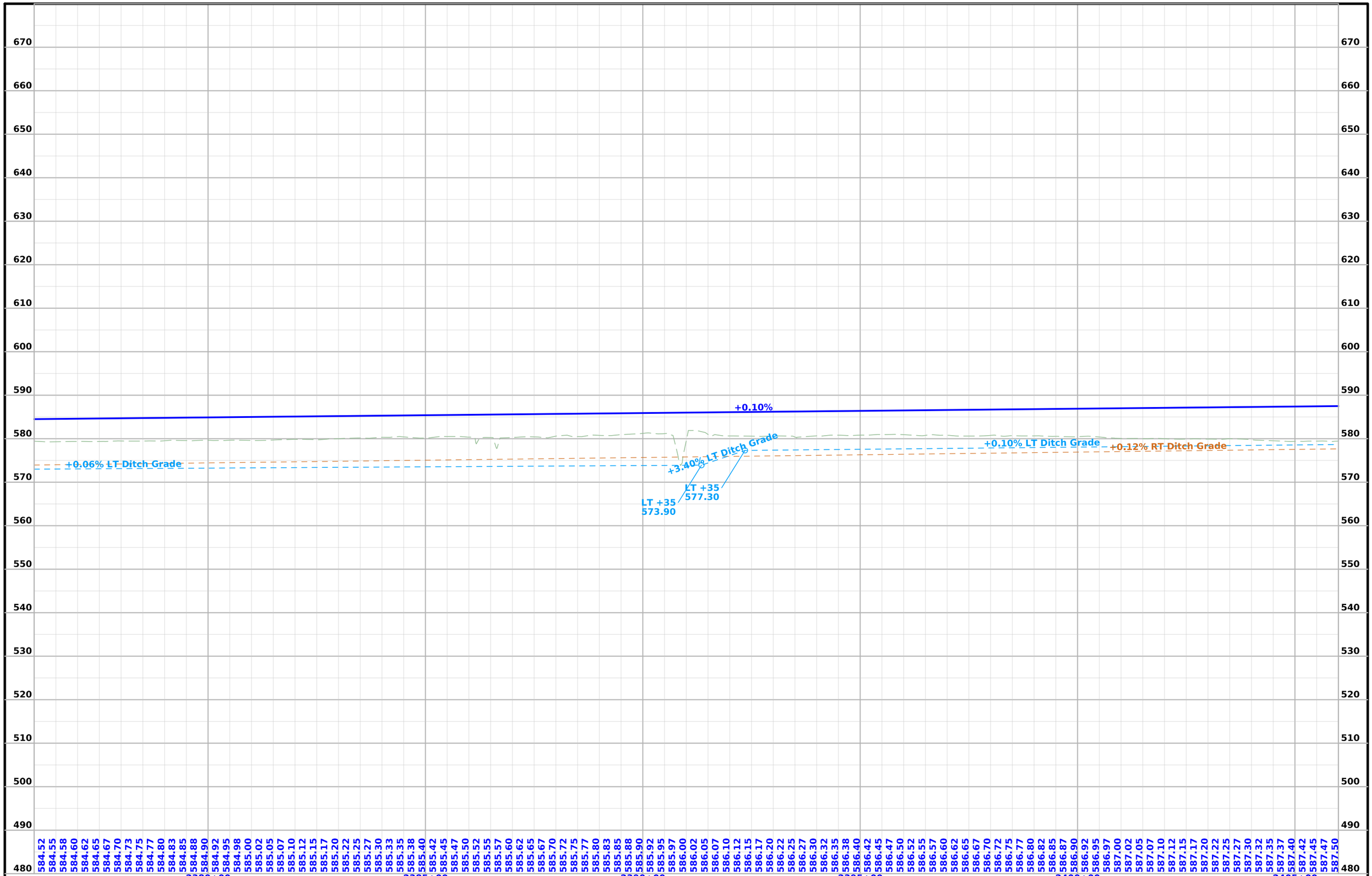
Δ = 45°44'20.07" (RT)
T = 2108.94'
L = 3991.47'
R = 5000.00'
E = 426.57'
e = ___
L = ___
x = ___

0 100
FEET

US 61

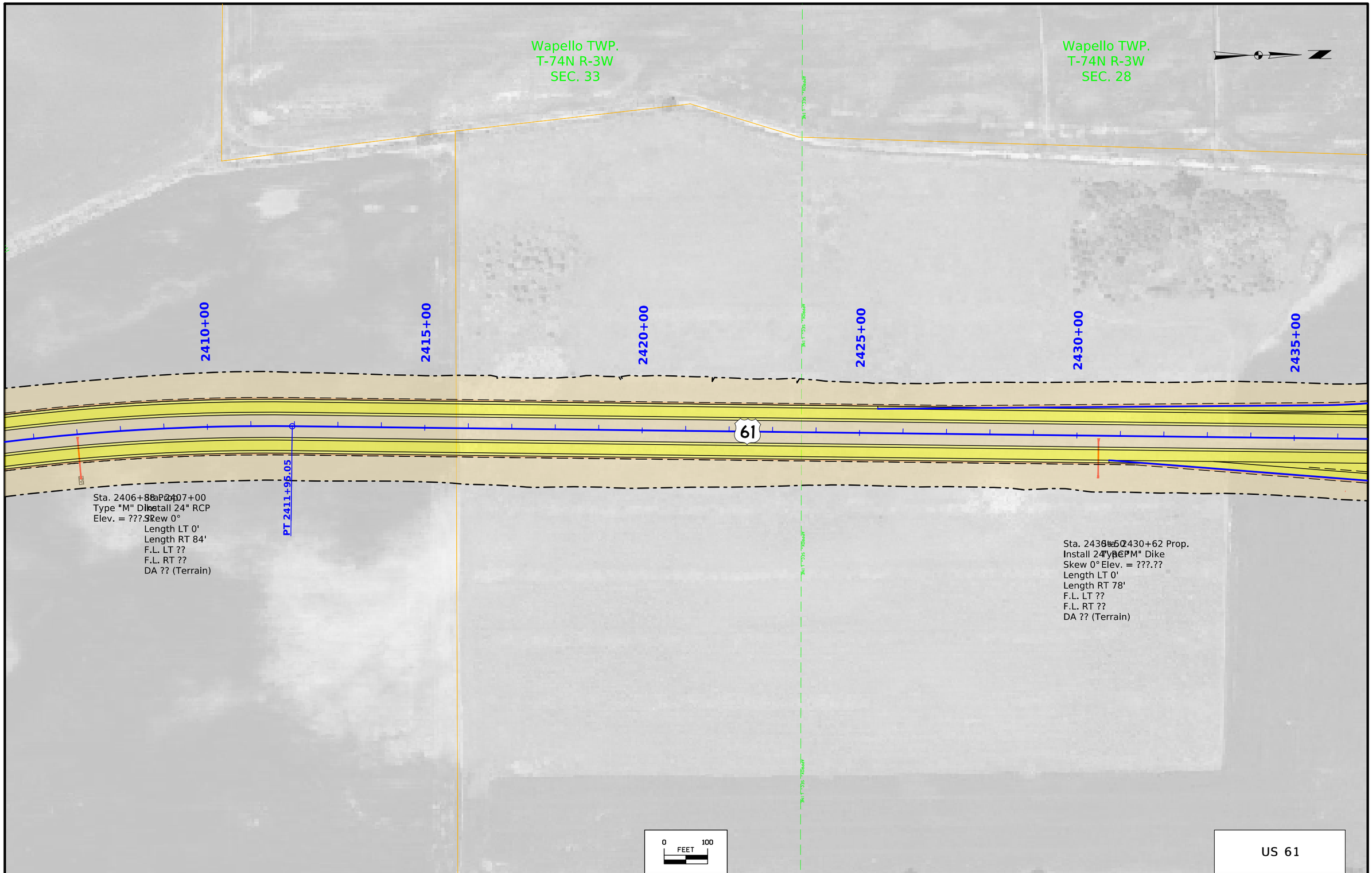
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.20**

1:57:14 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



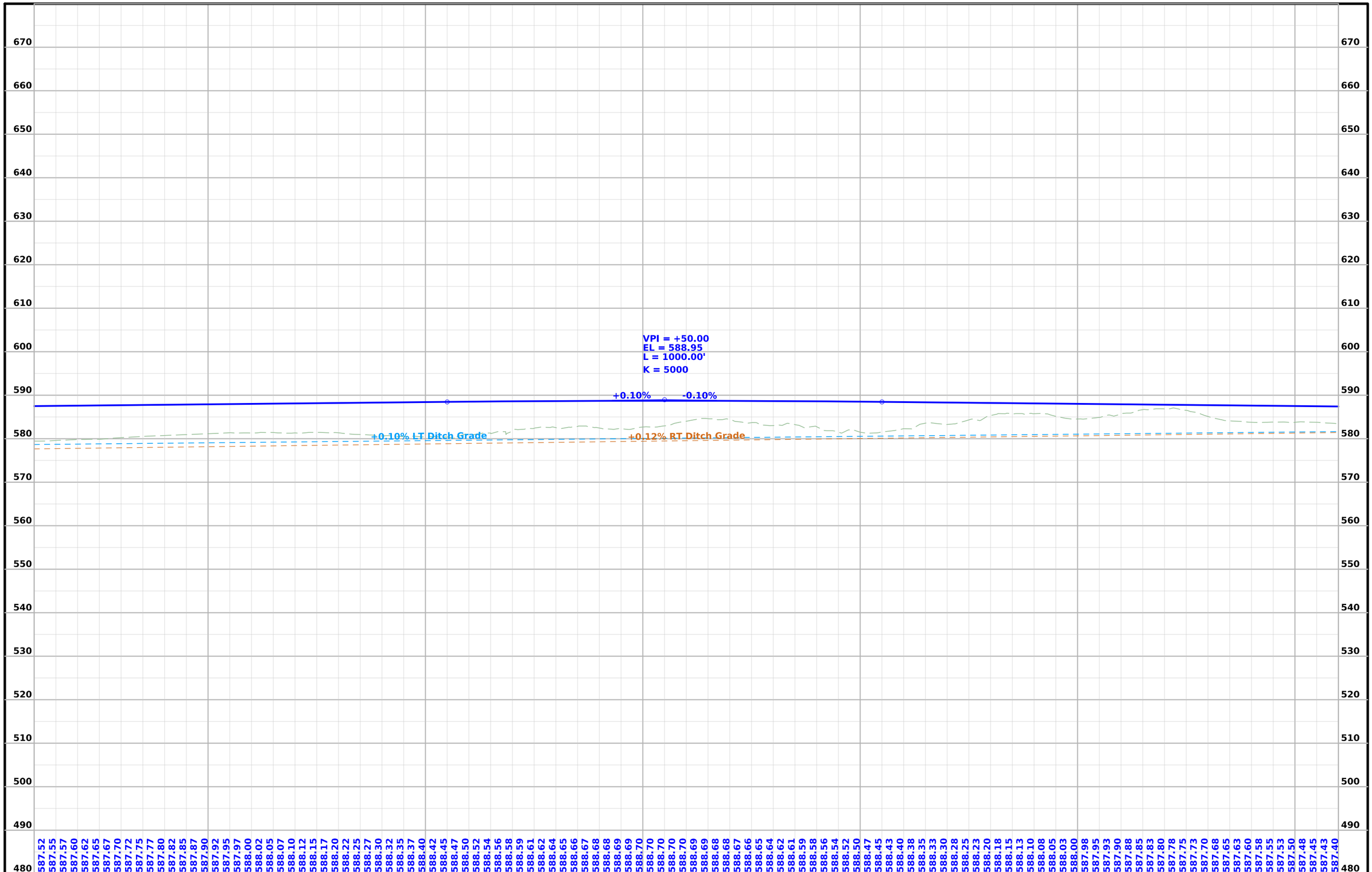
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.21

1:57:30 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



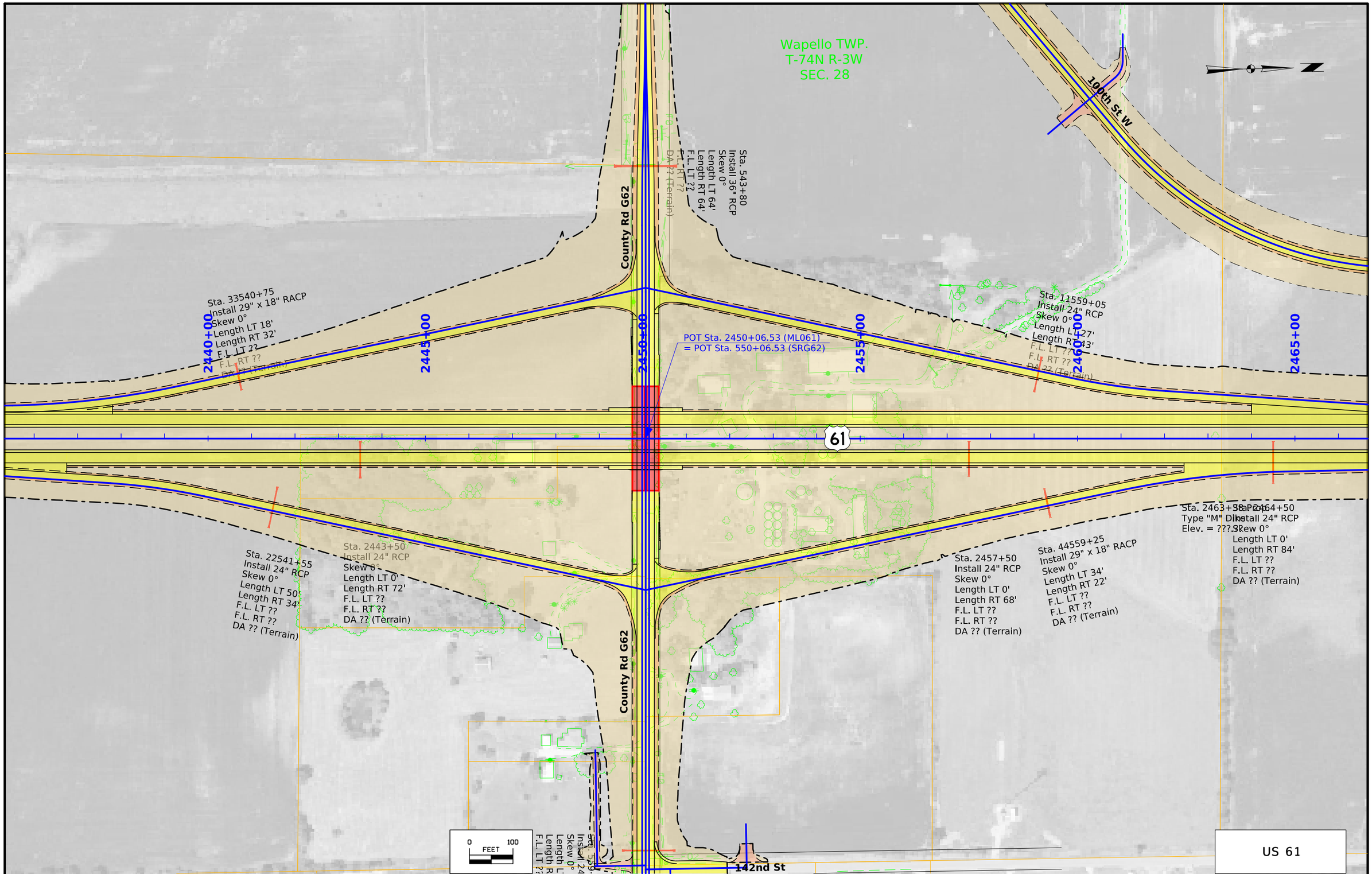
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.22**

1:57:33 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



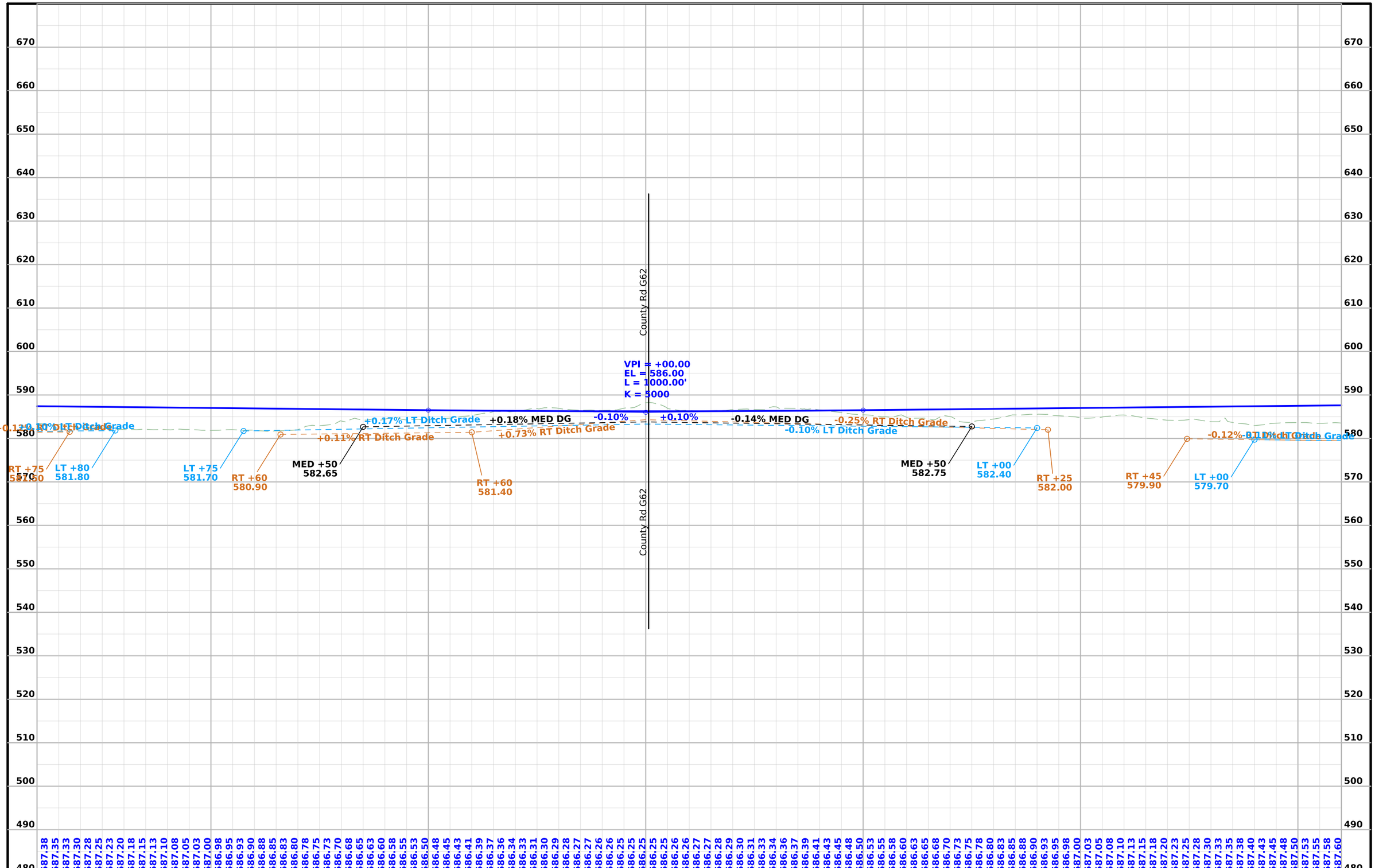
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.23**

1:57:35 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



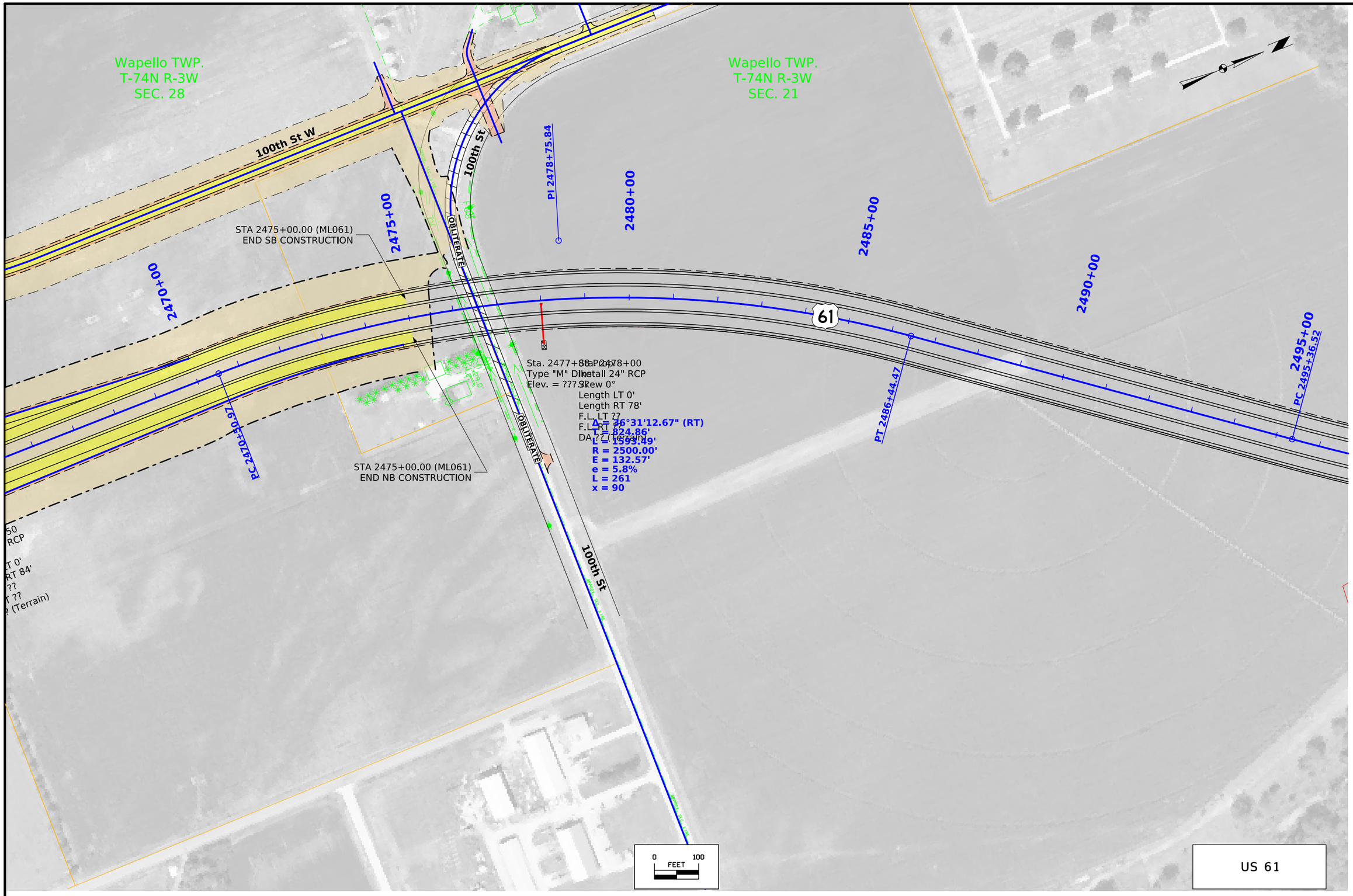
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.24**

1:57:39 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



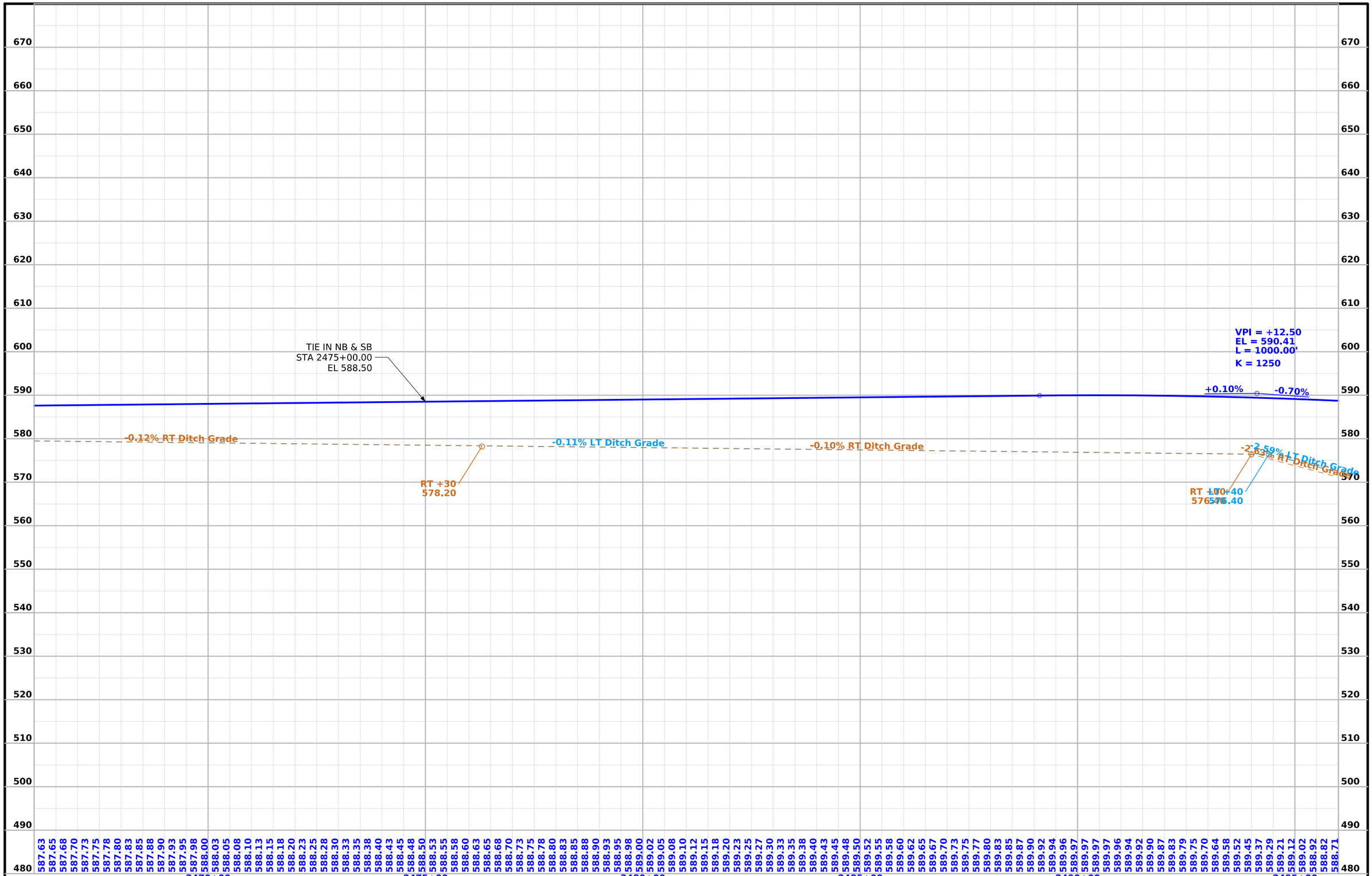
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER D.25

1:58:13 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



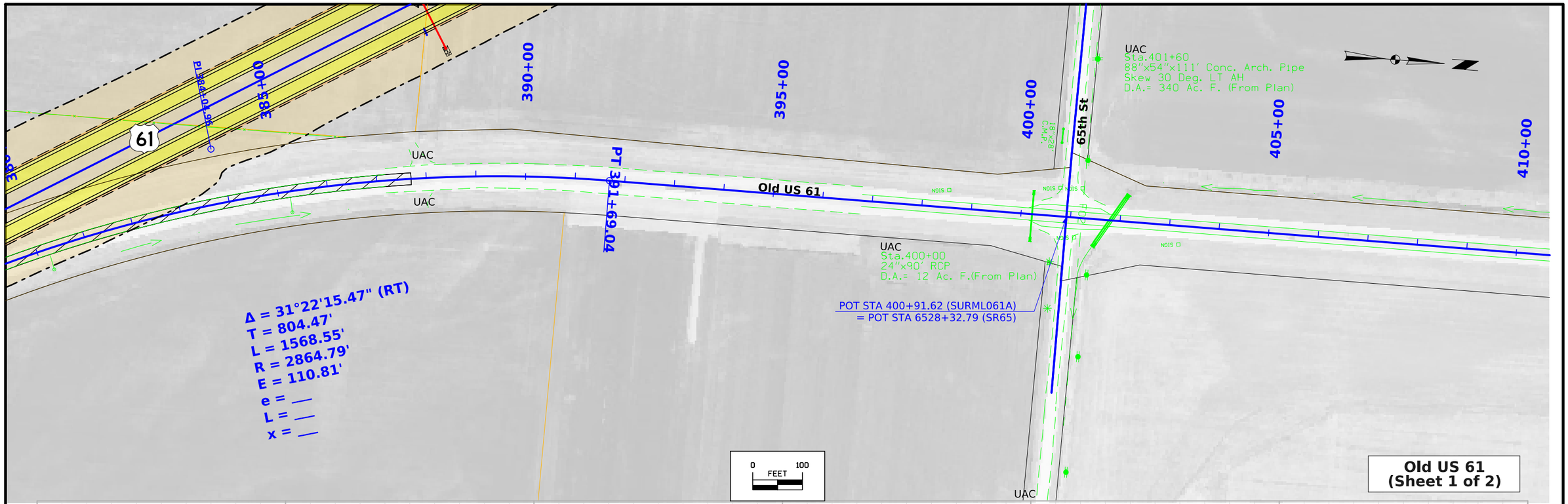
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.26**

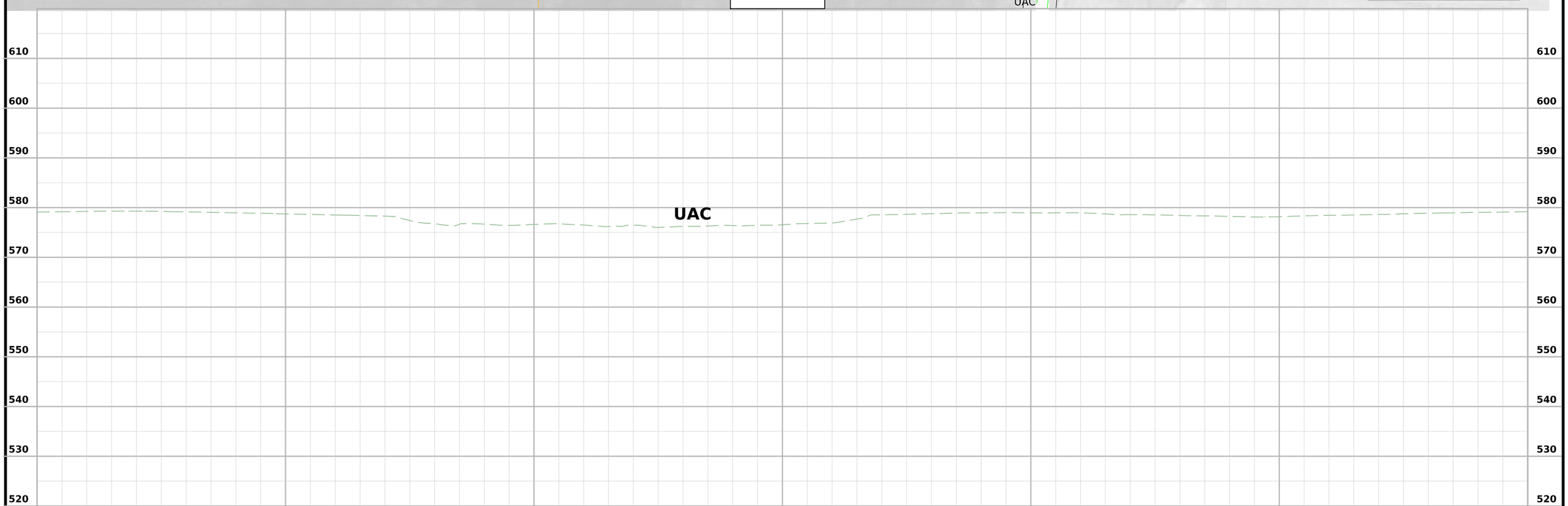
1:58:16 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn



FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **D.27**

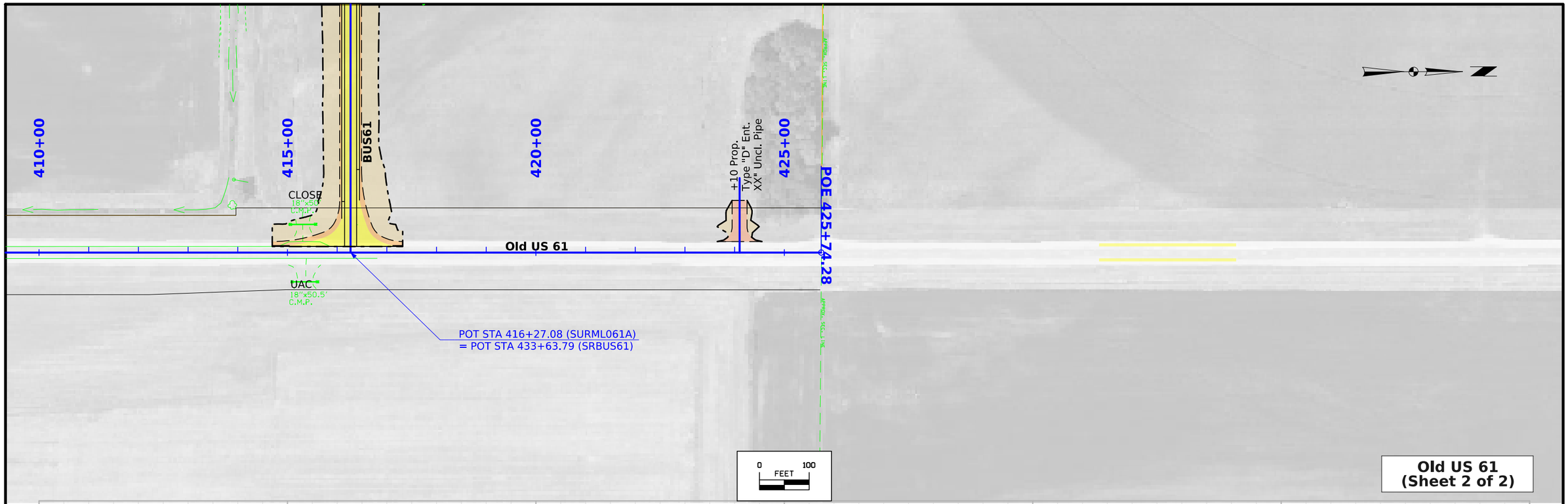
1:58:27 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_D02.dgn

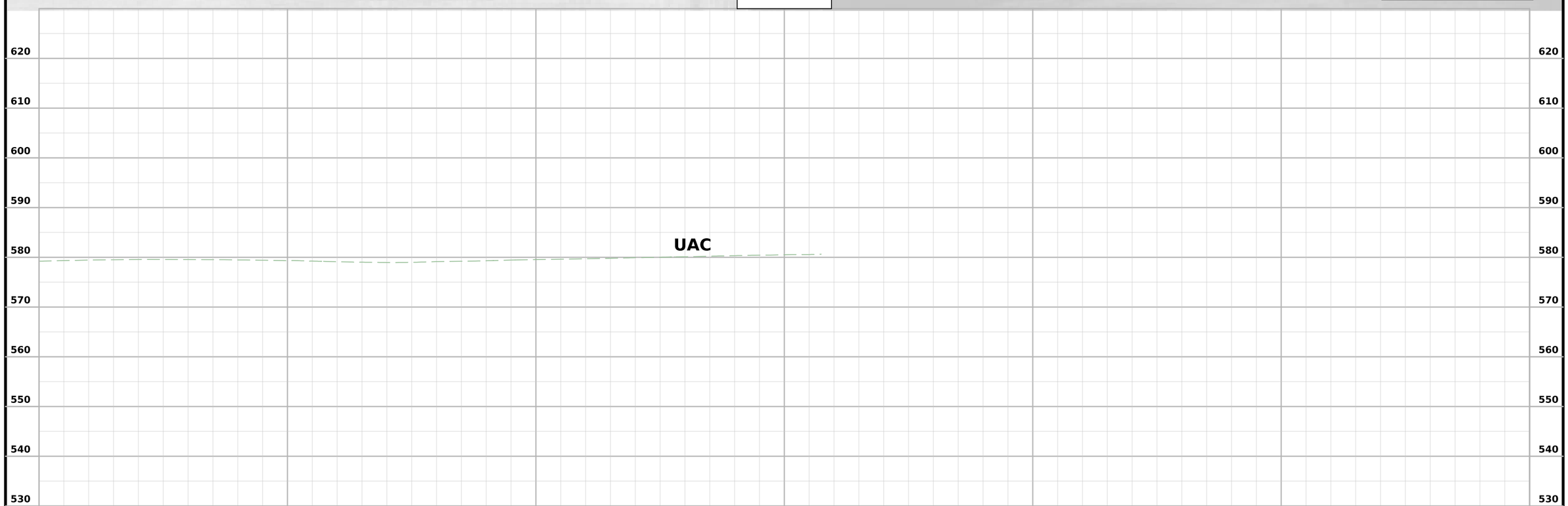




FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER E.1

10:59:38 AM 3/13/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_E01.dgn





FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER E.2

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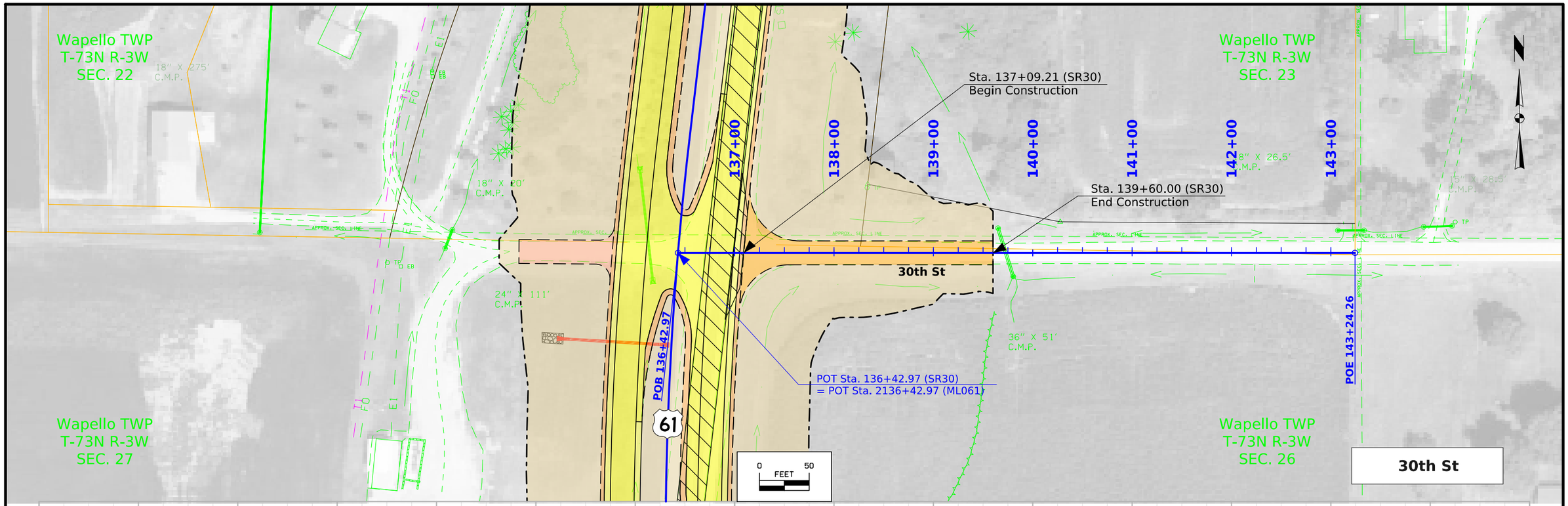

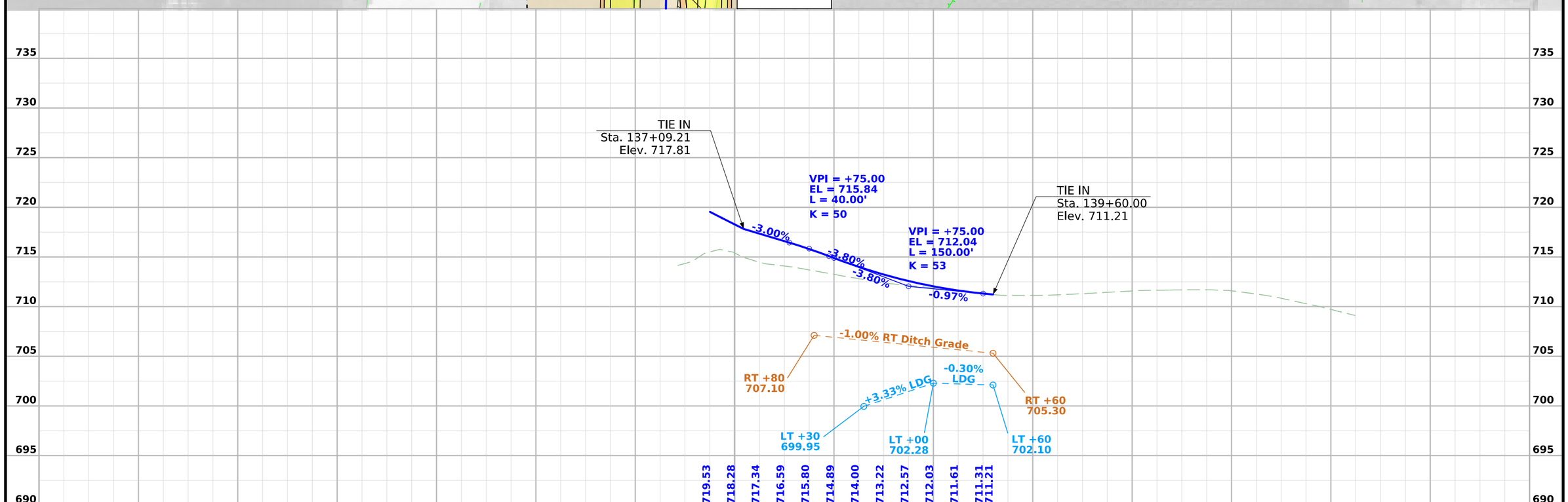

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER E.3

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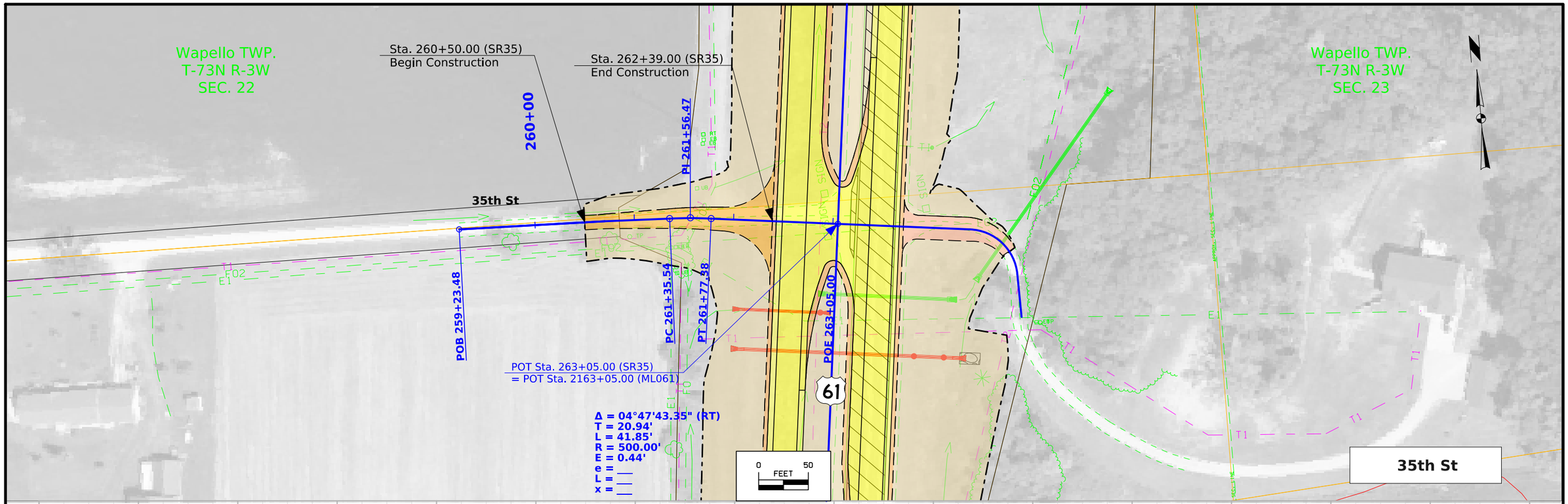

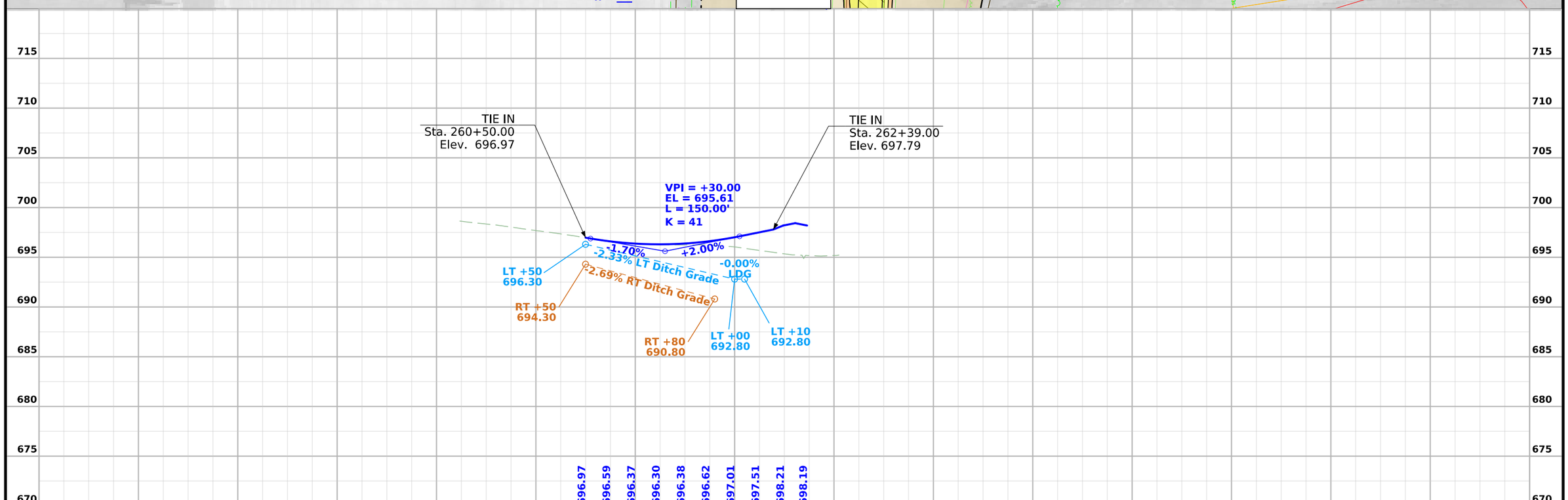

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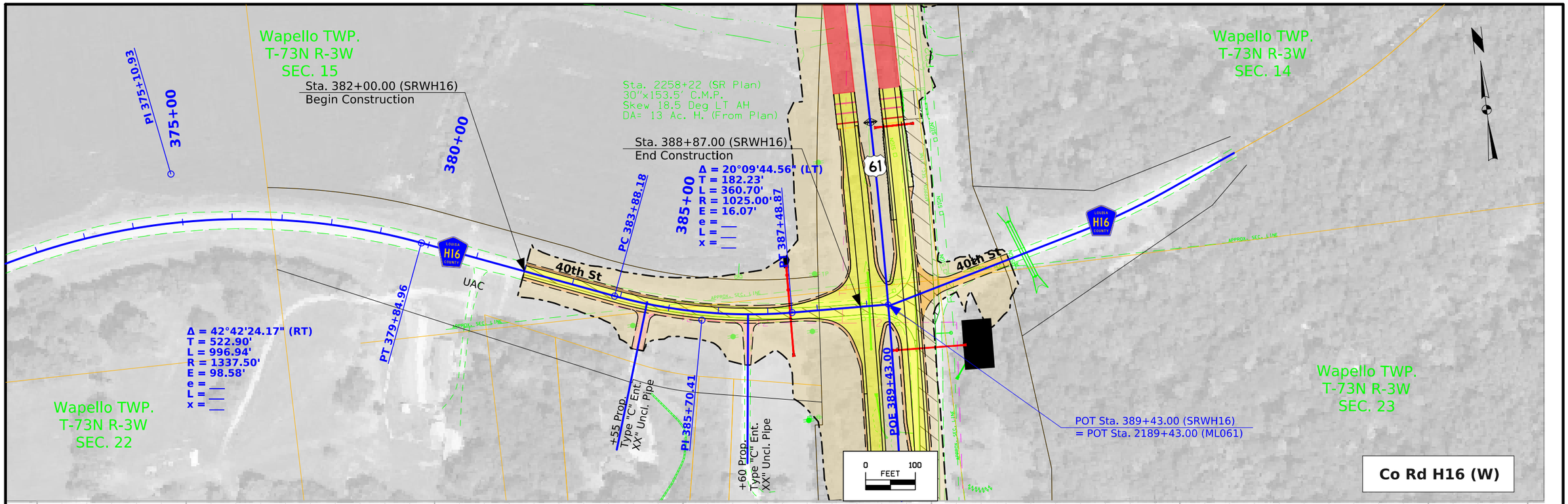

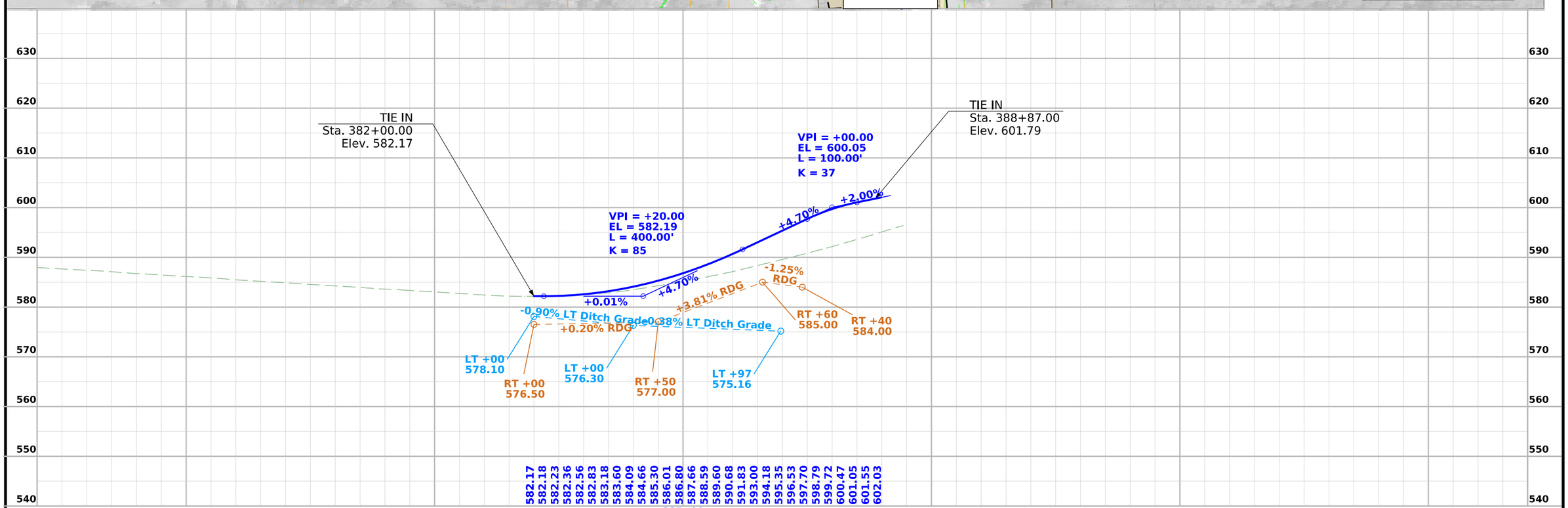

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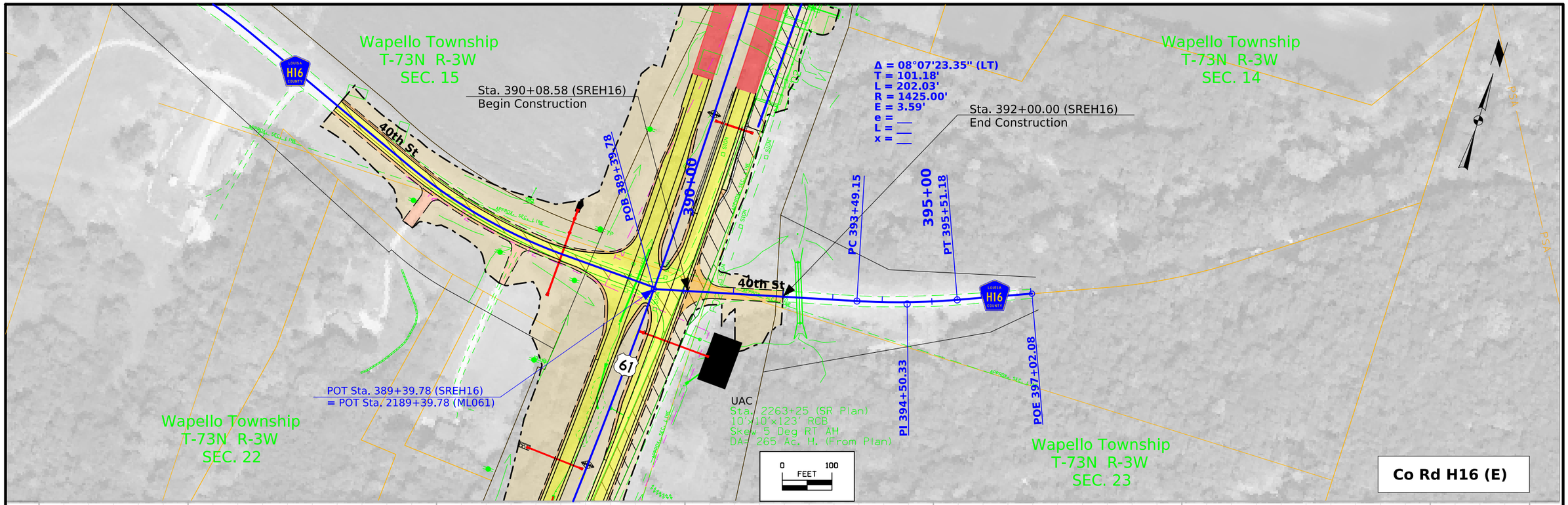

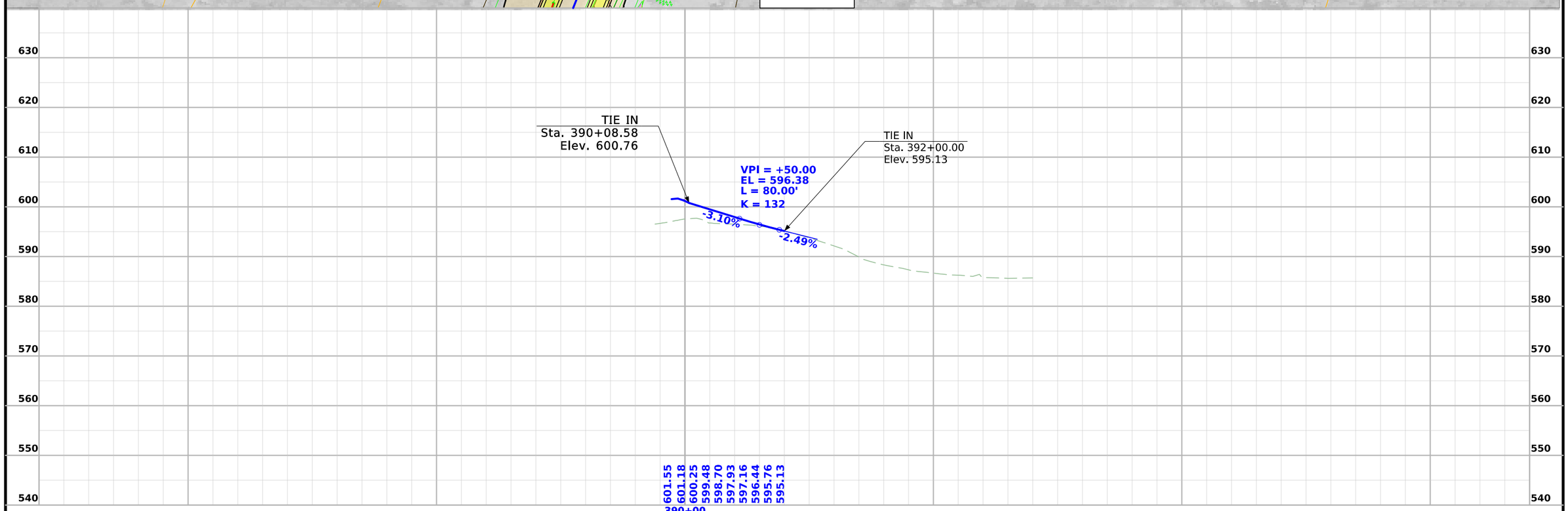

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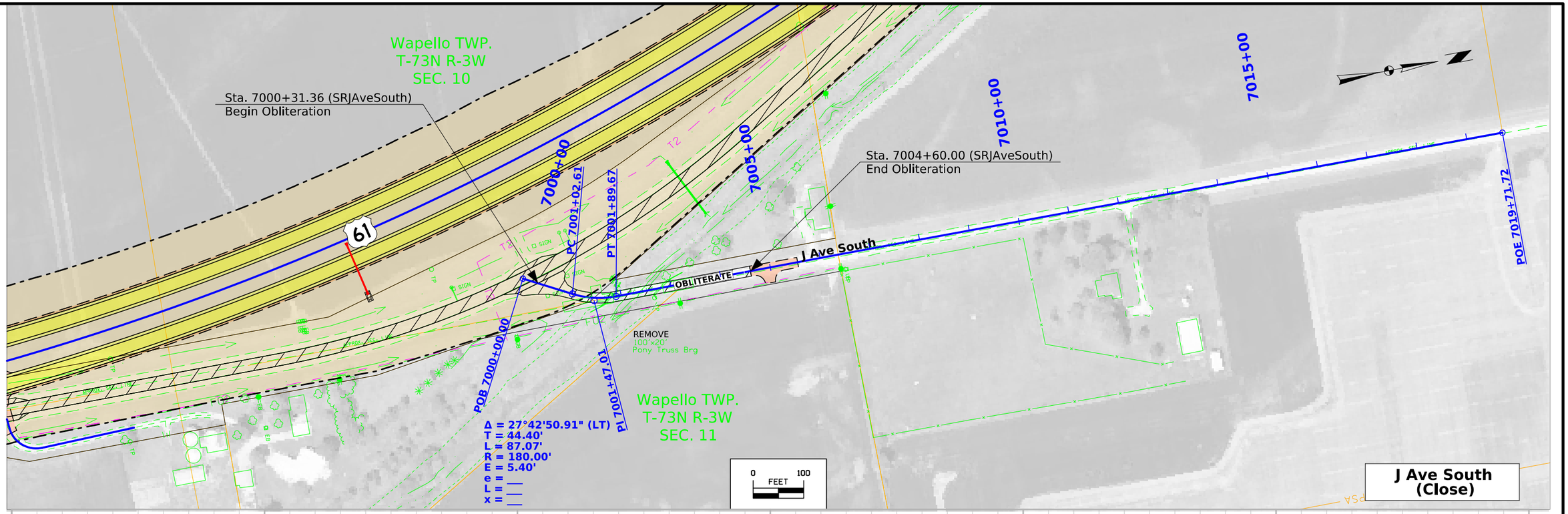

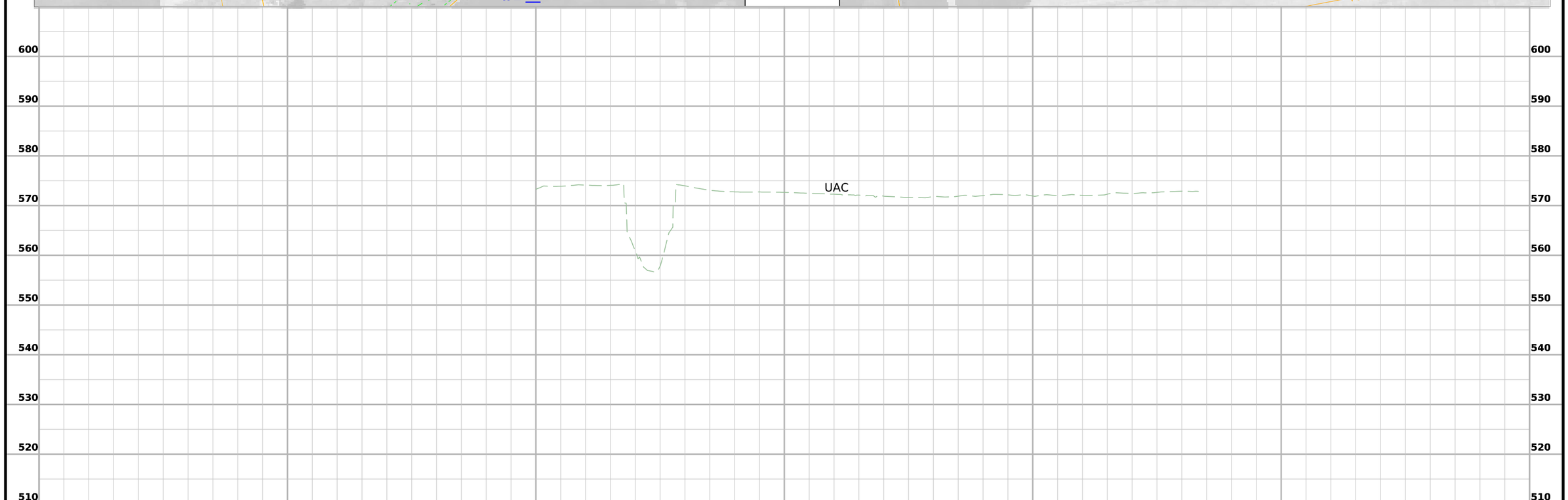

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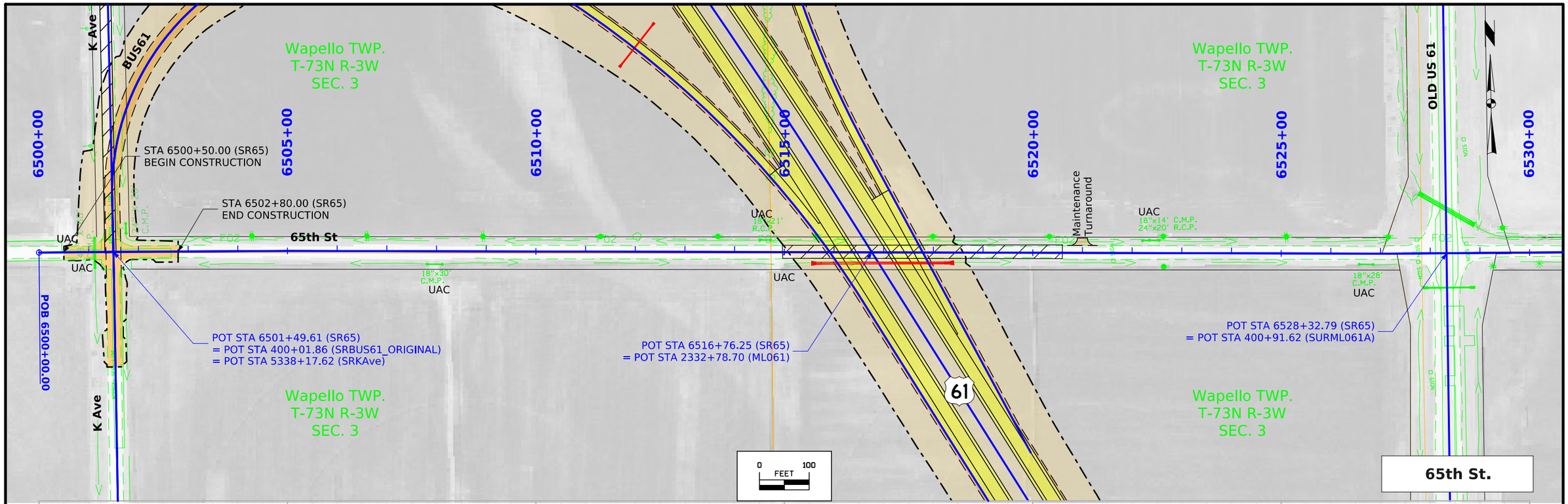
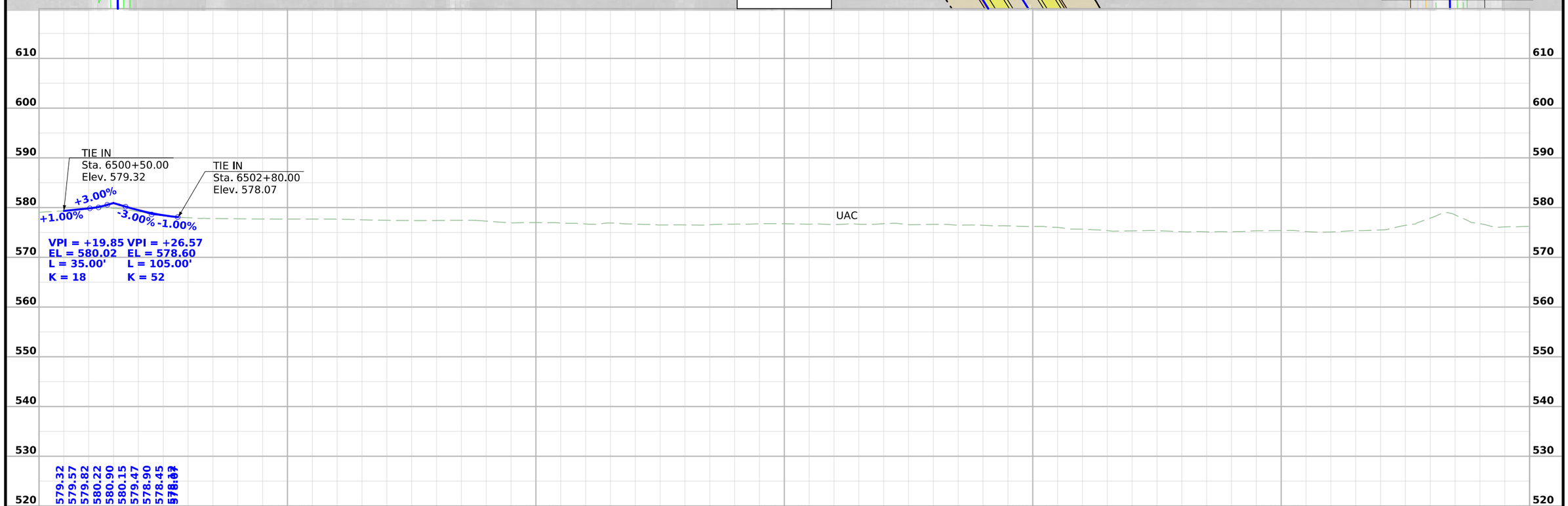
3:02:37 PM 8/28/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_E07.dgn





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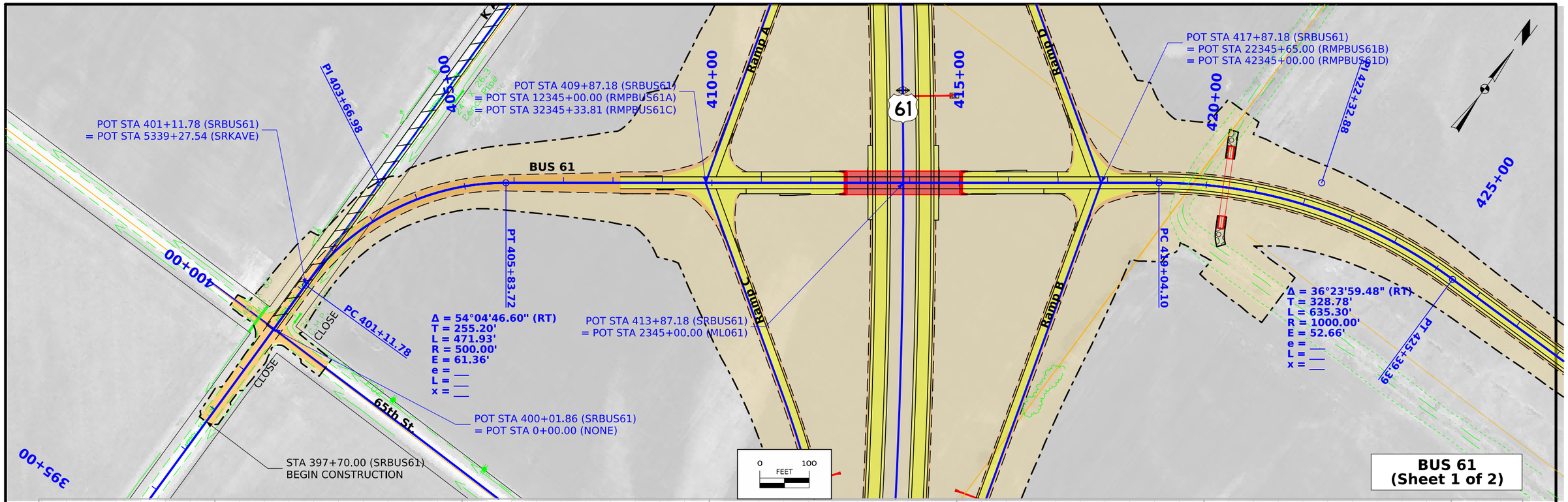

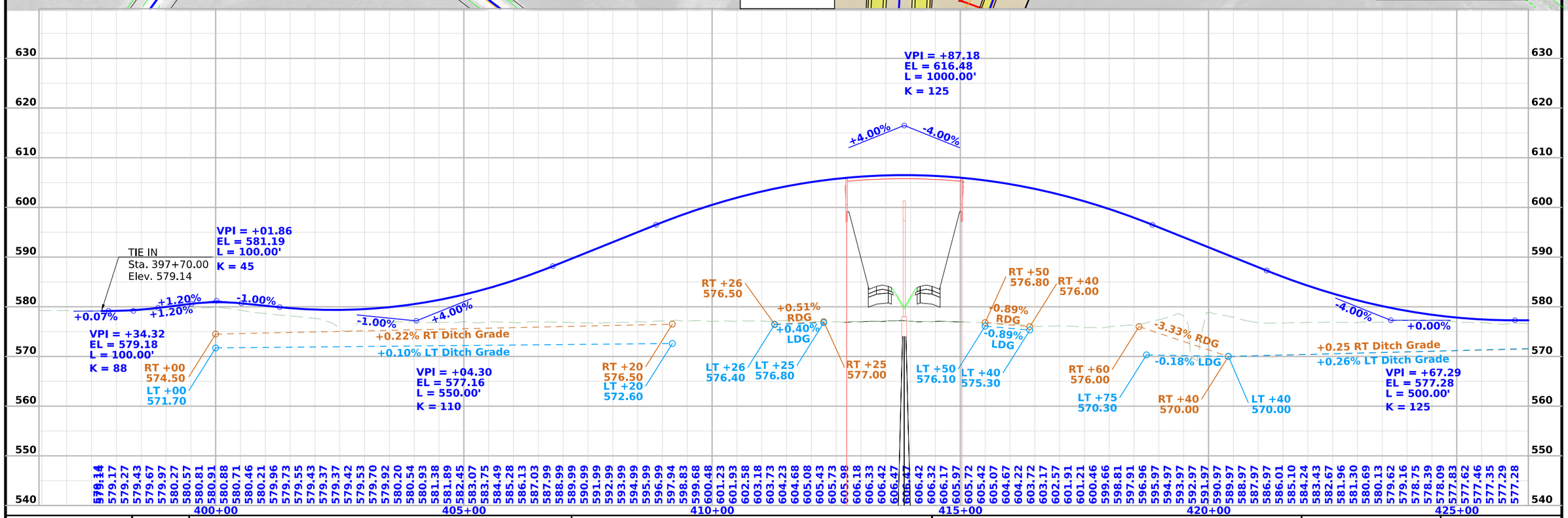

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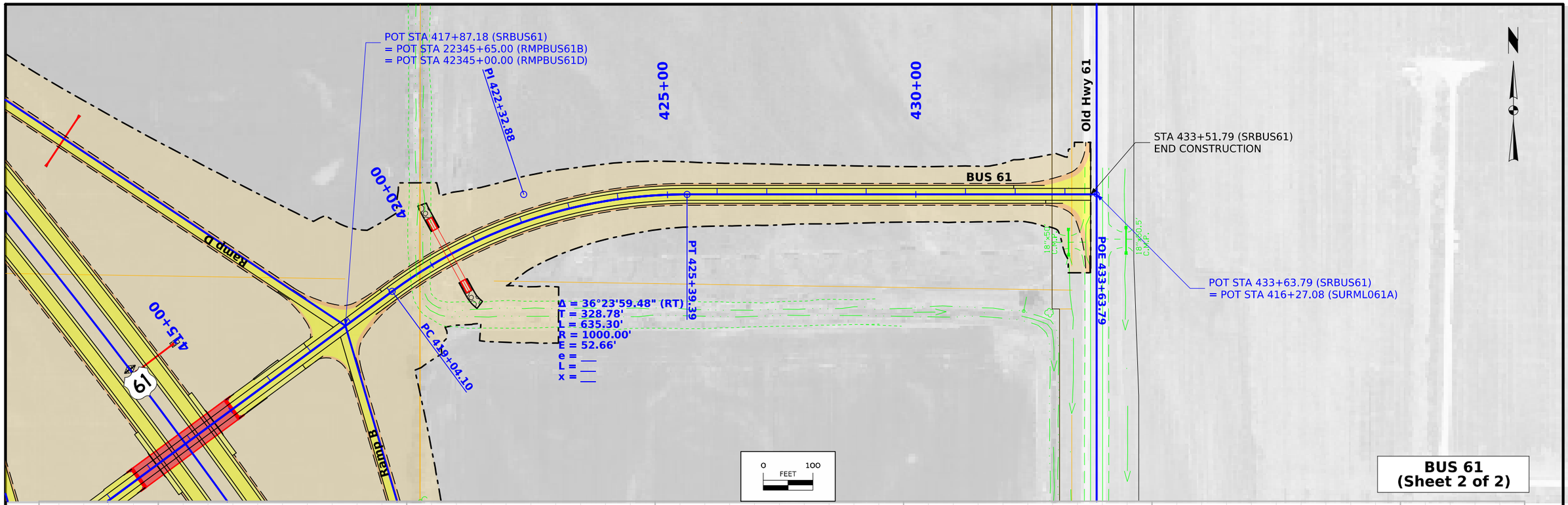

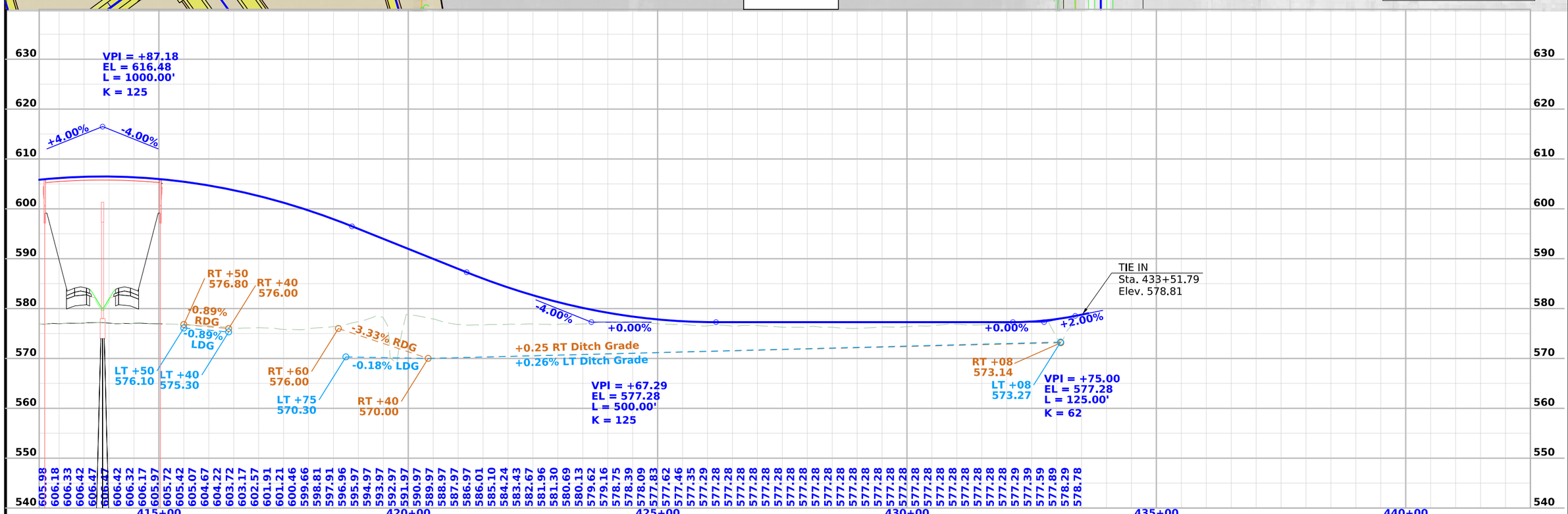

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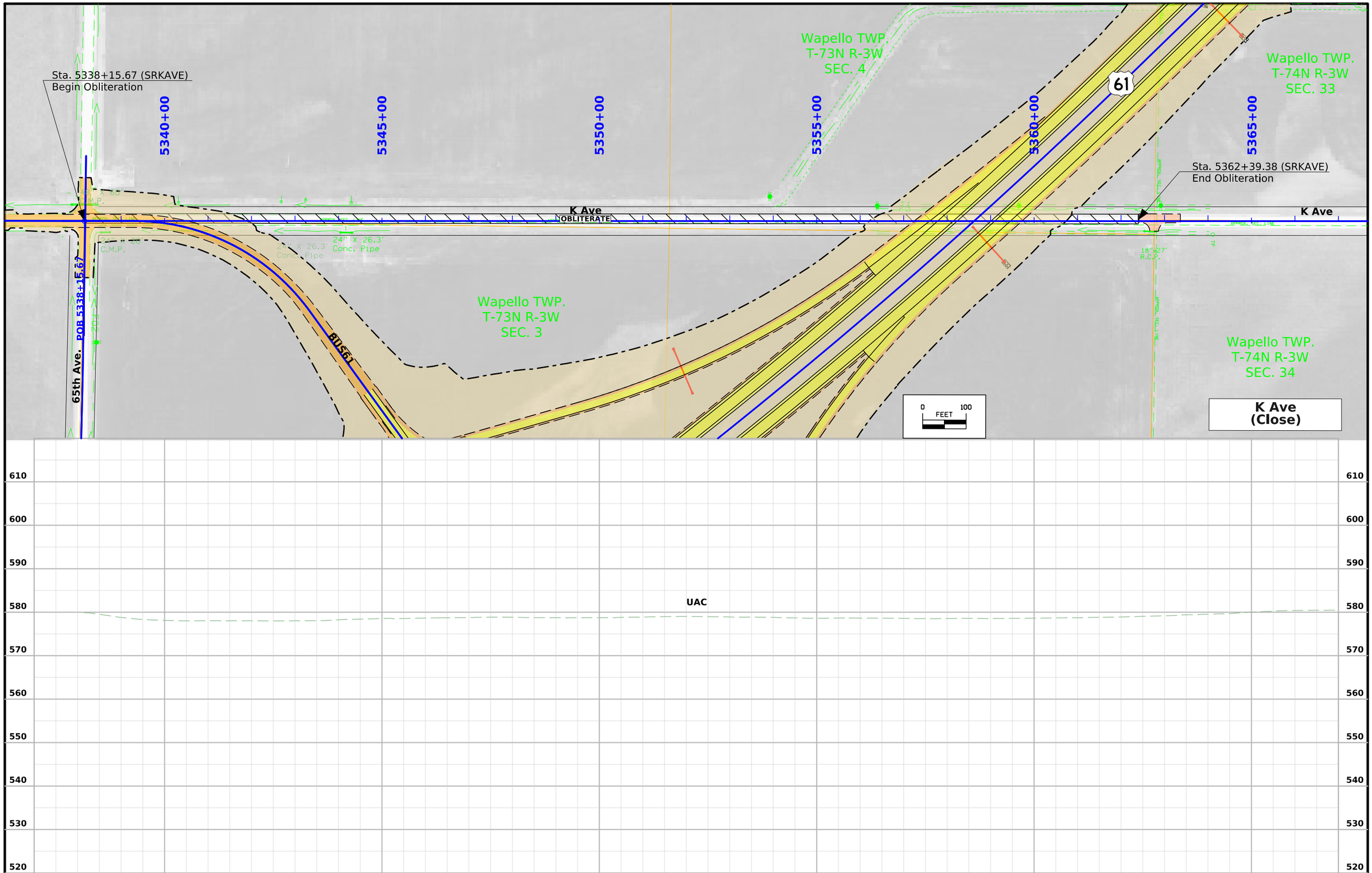

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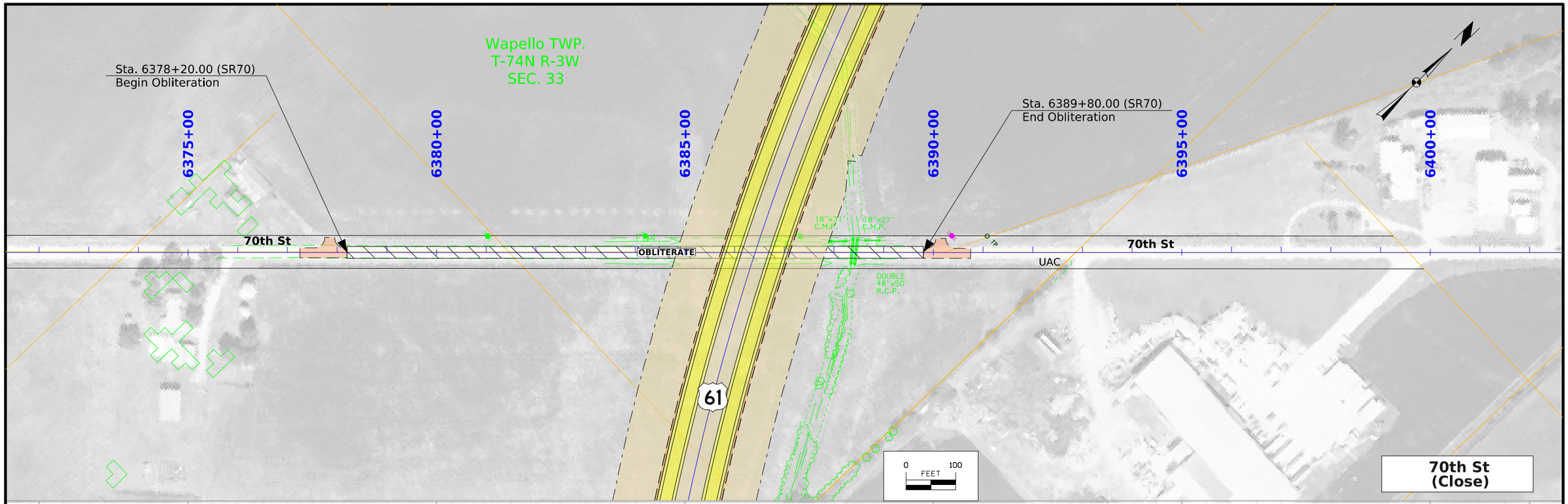

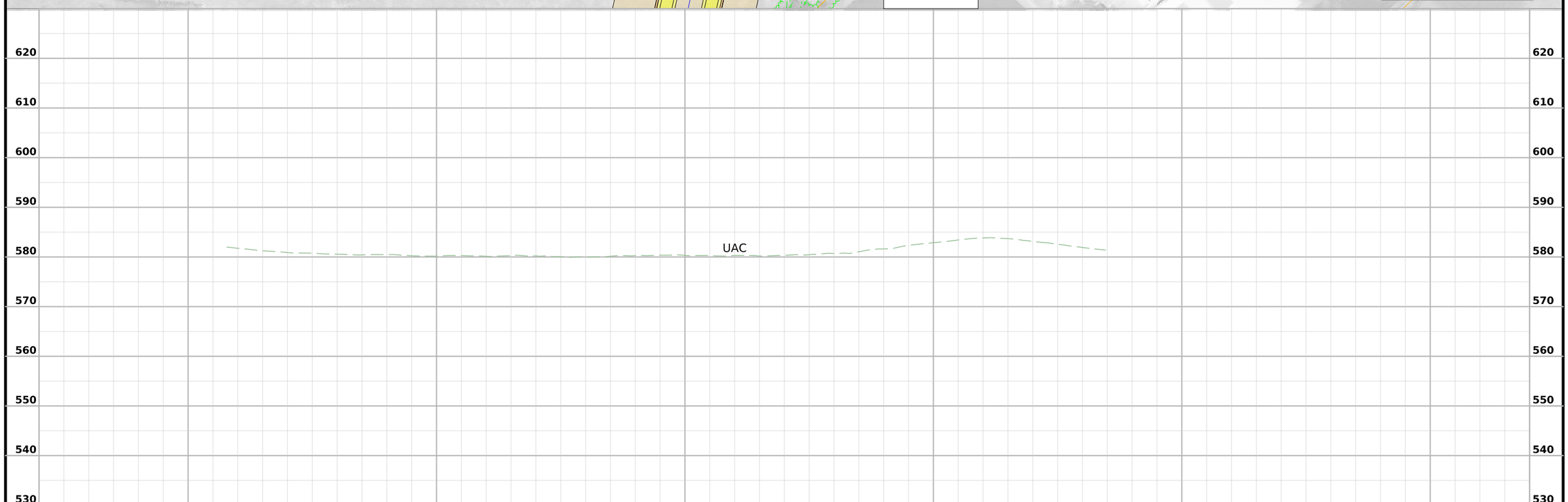

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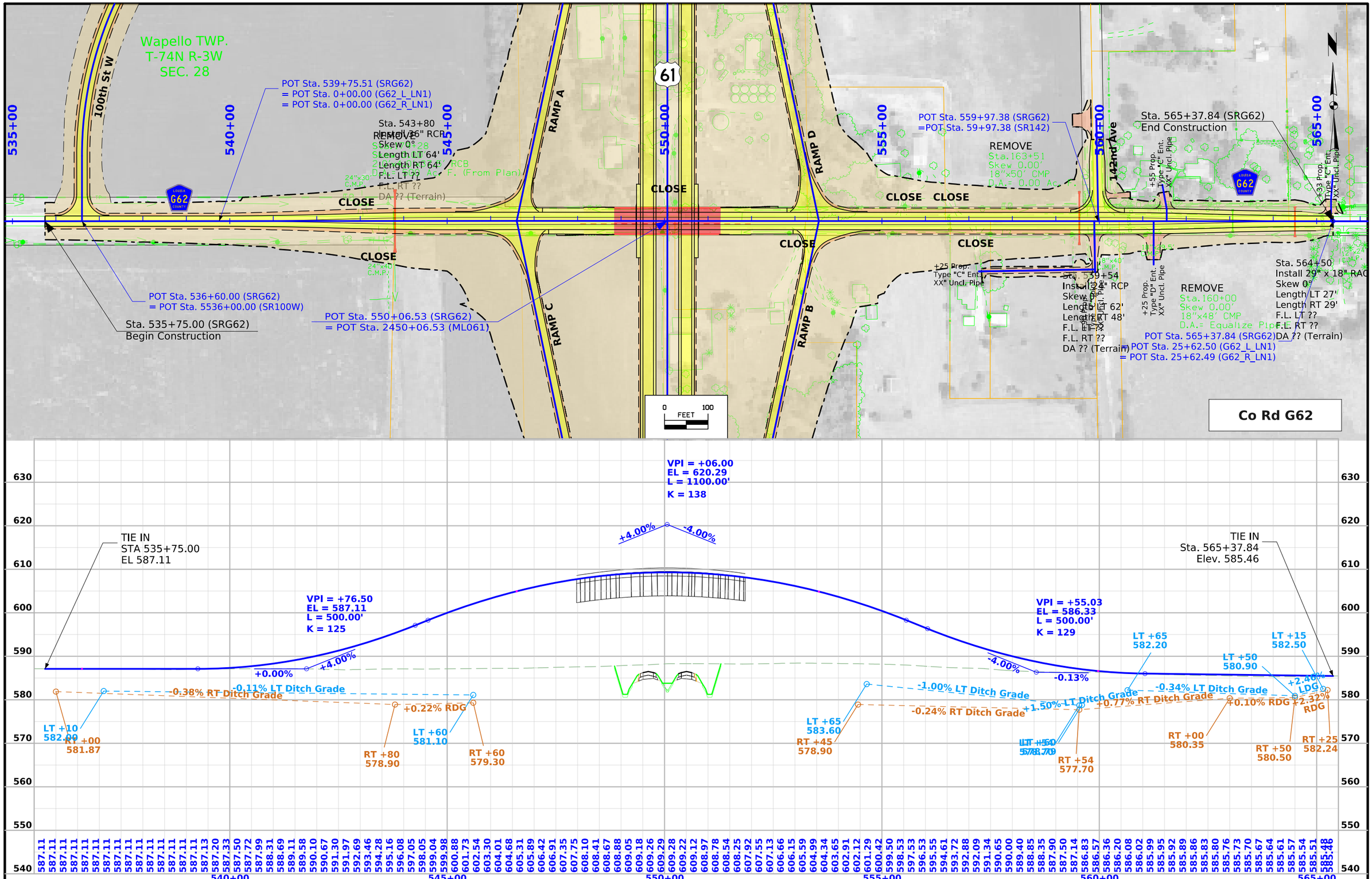

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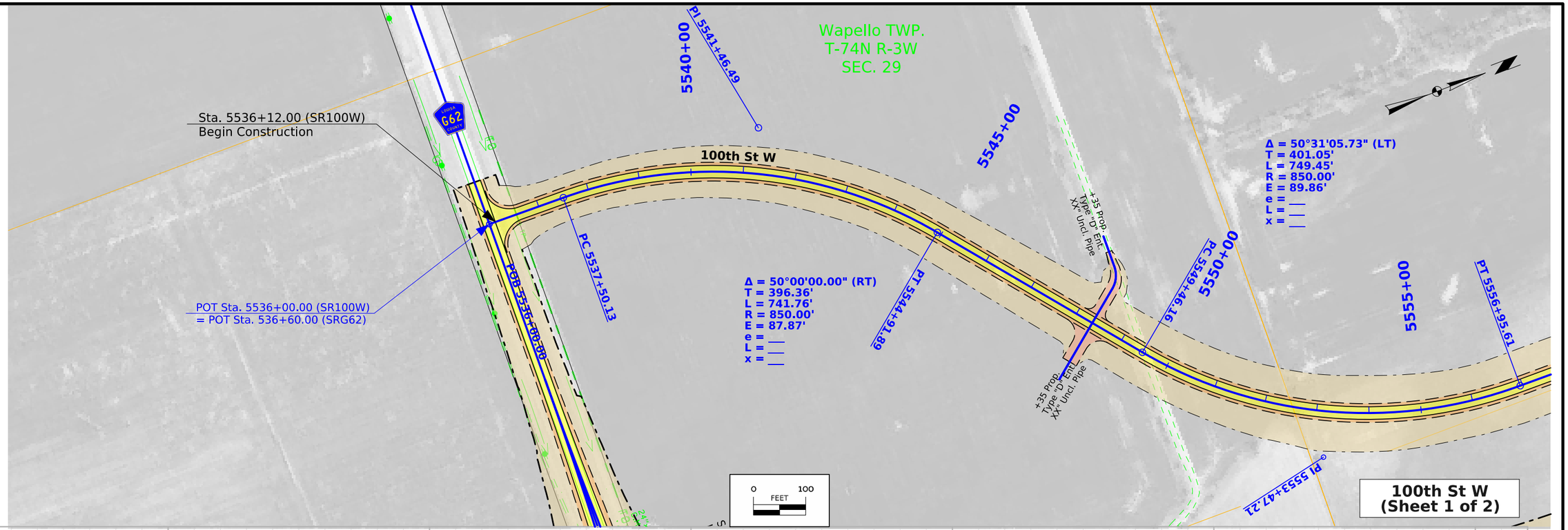

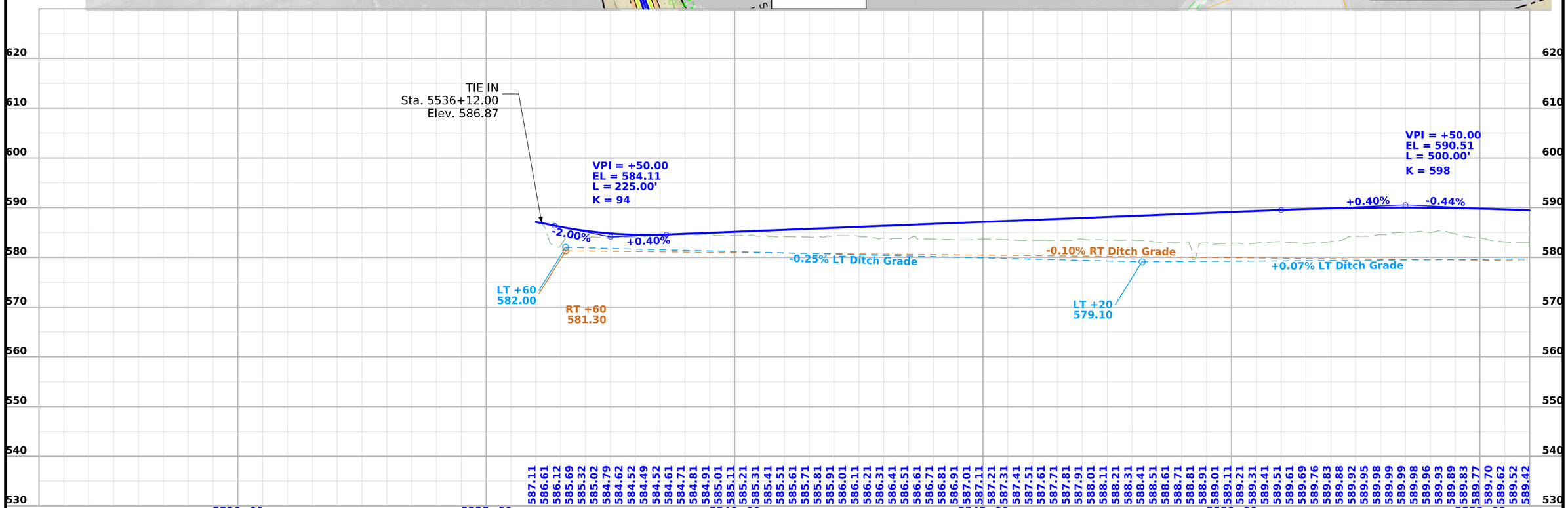

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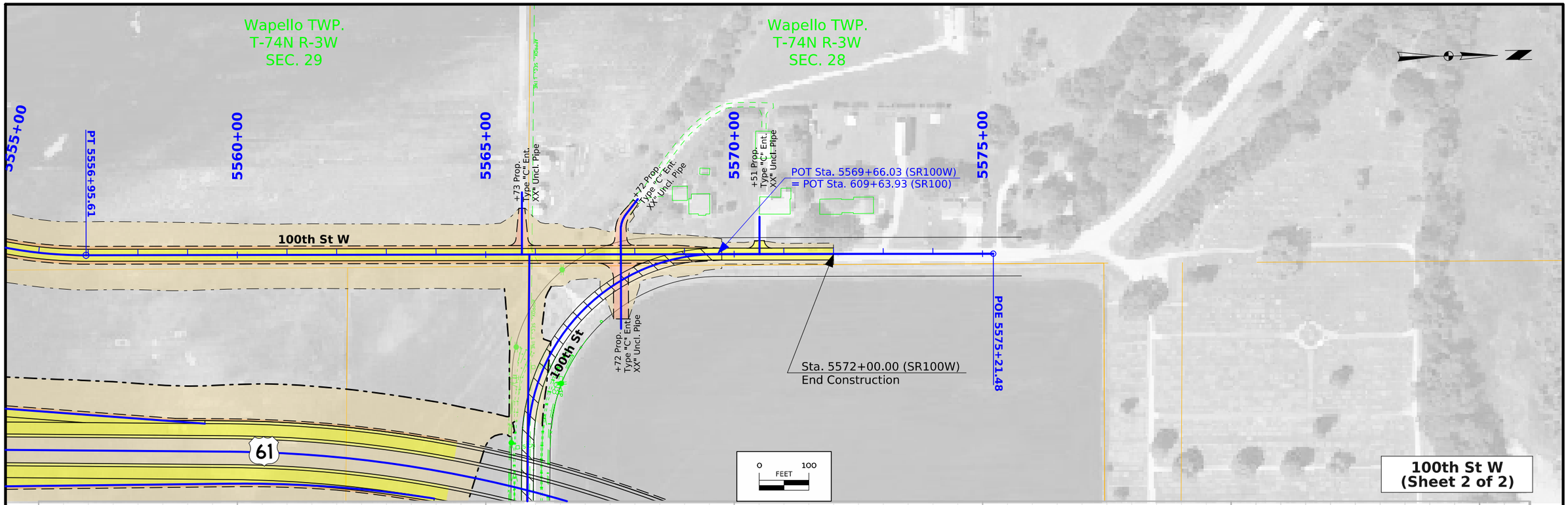

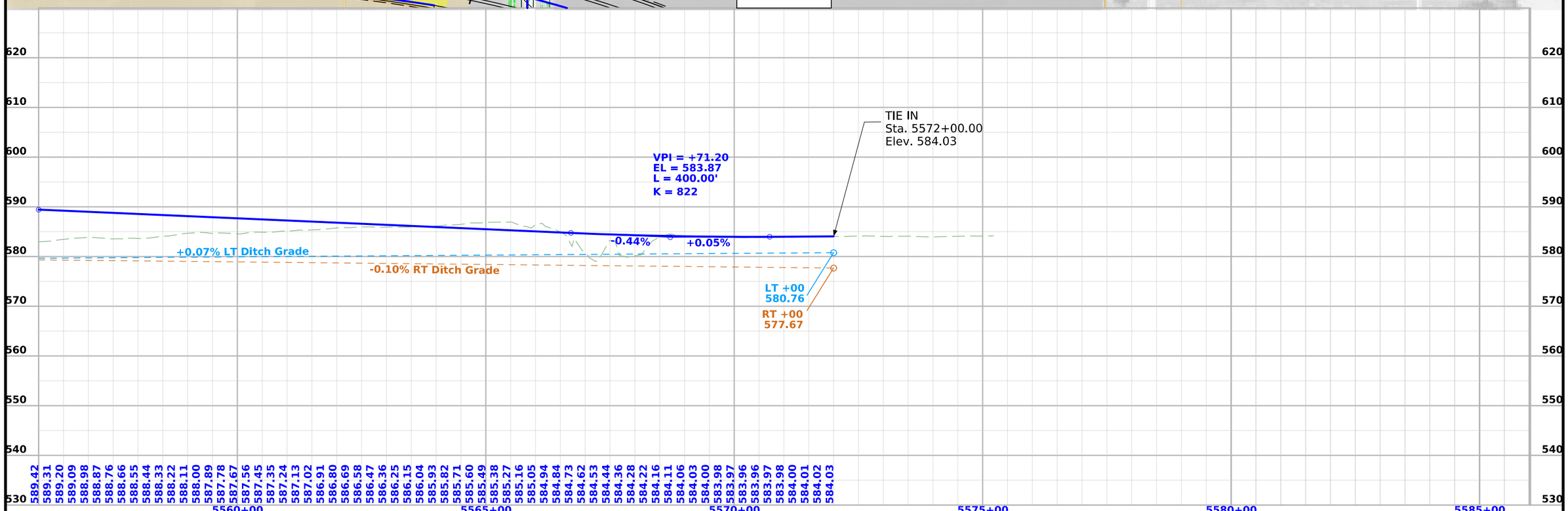

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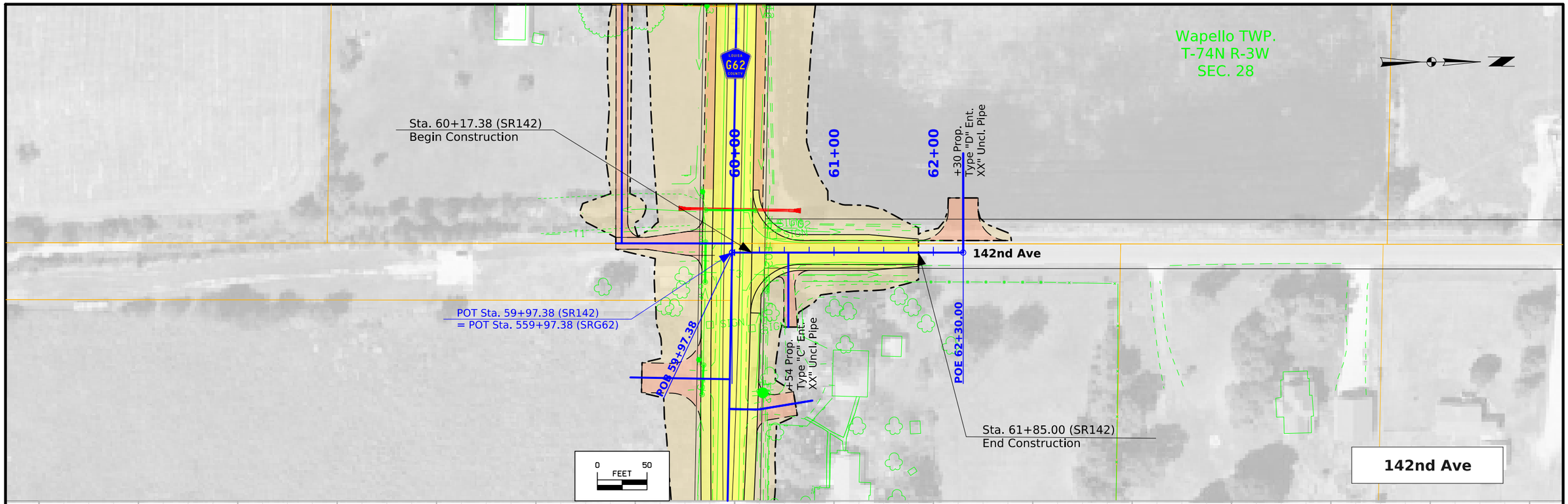

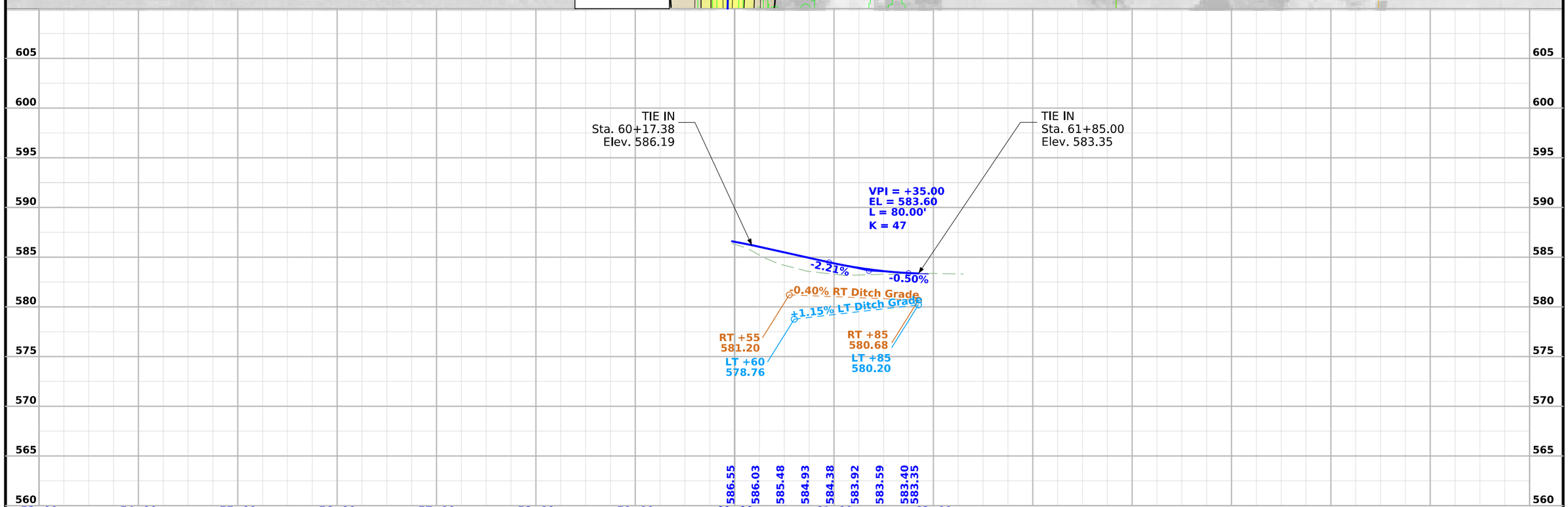

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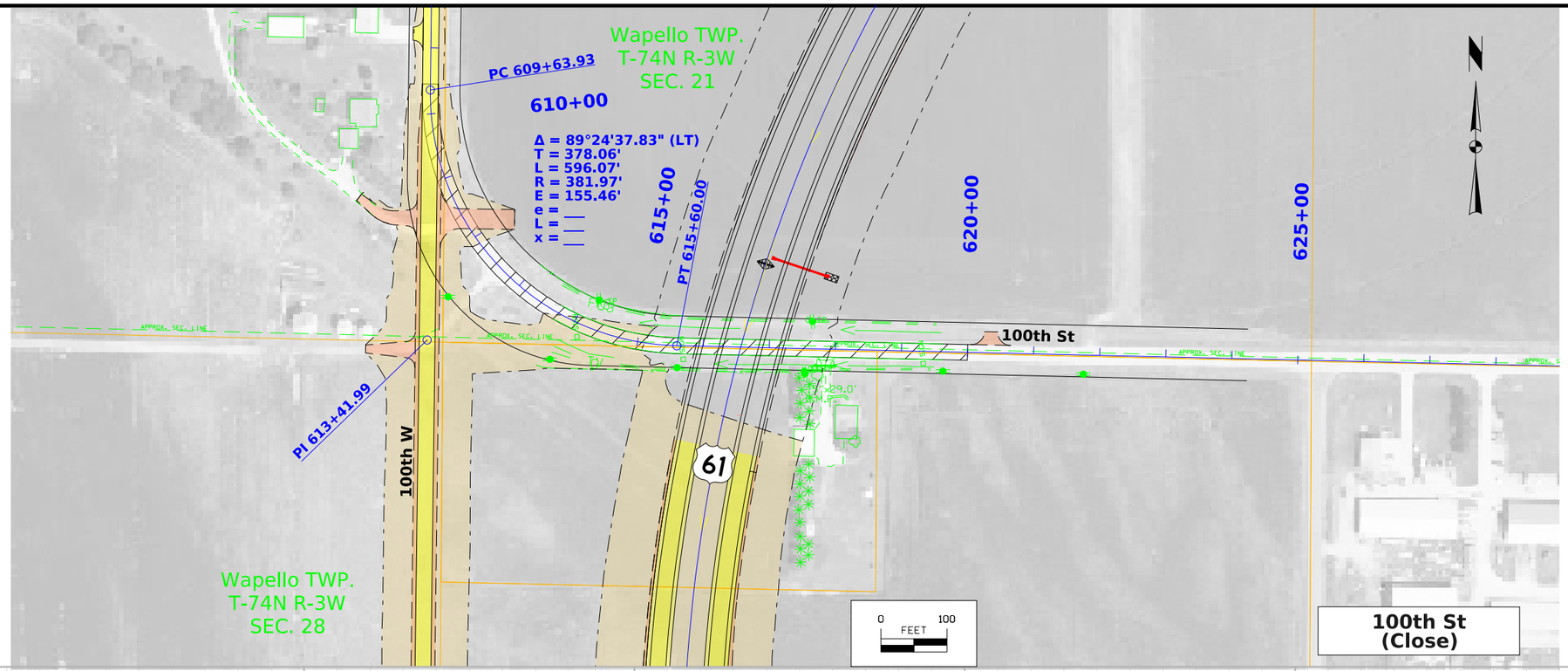

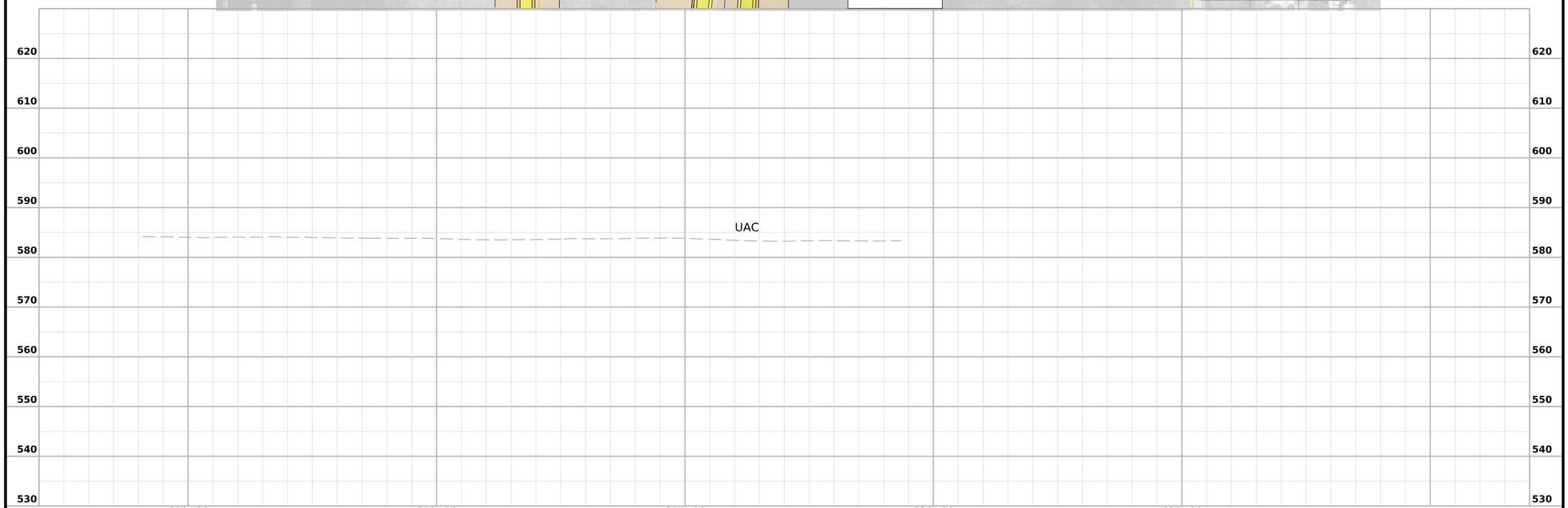

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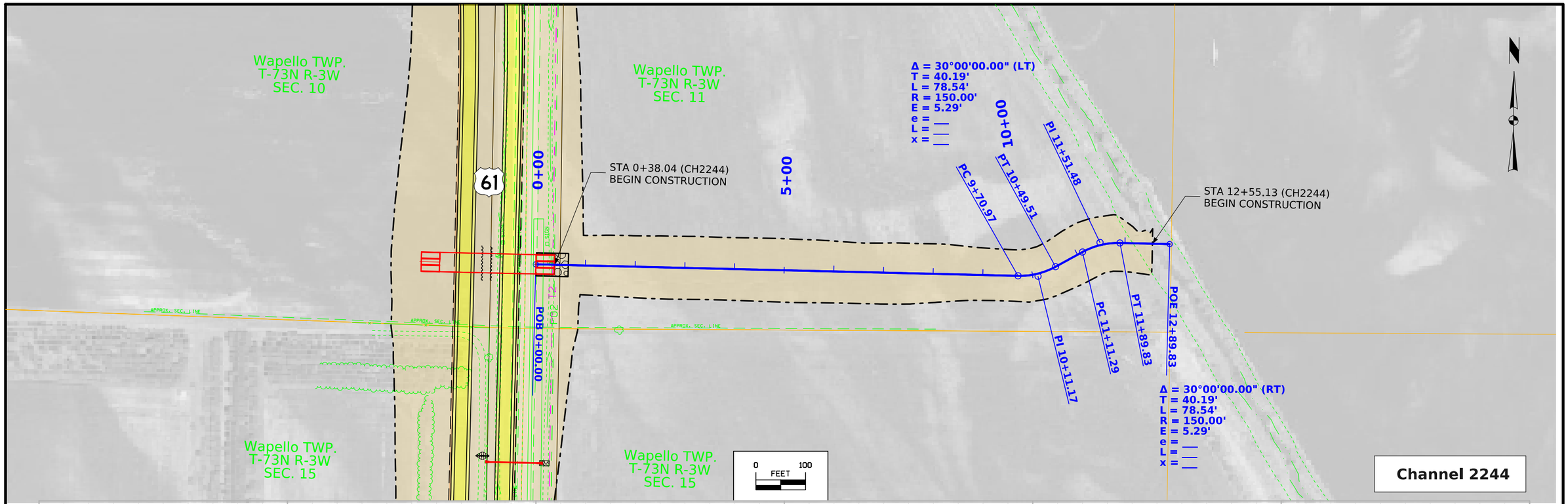
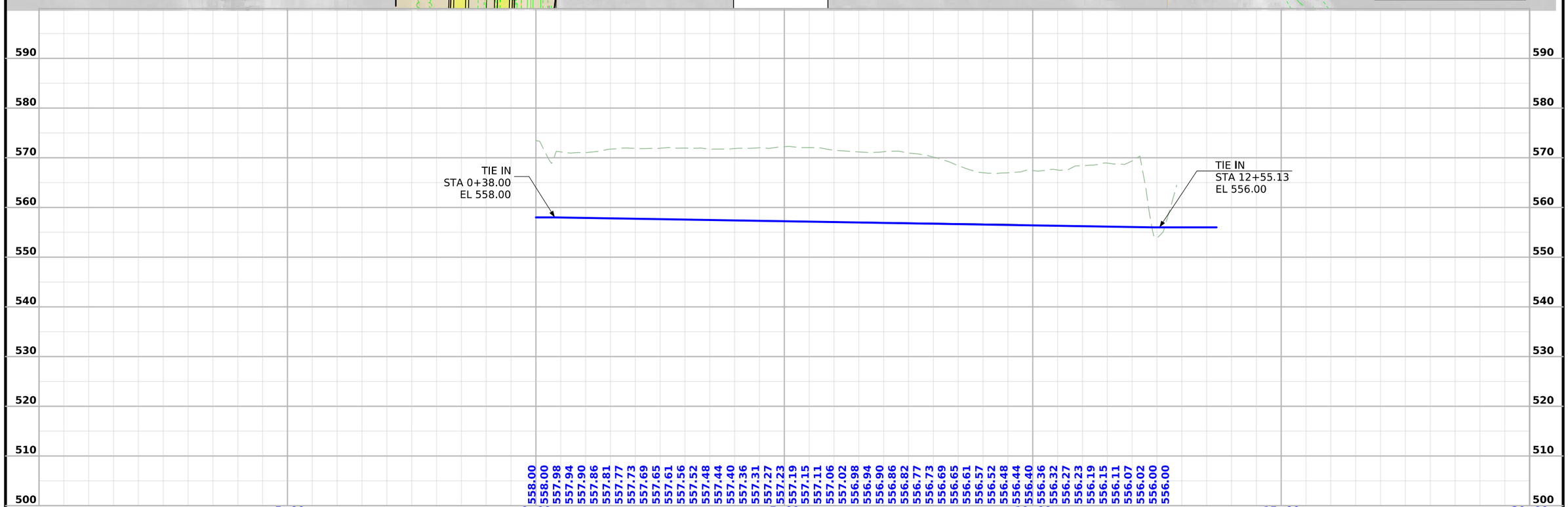
8:58:02 AM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_E17.dgn





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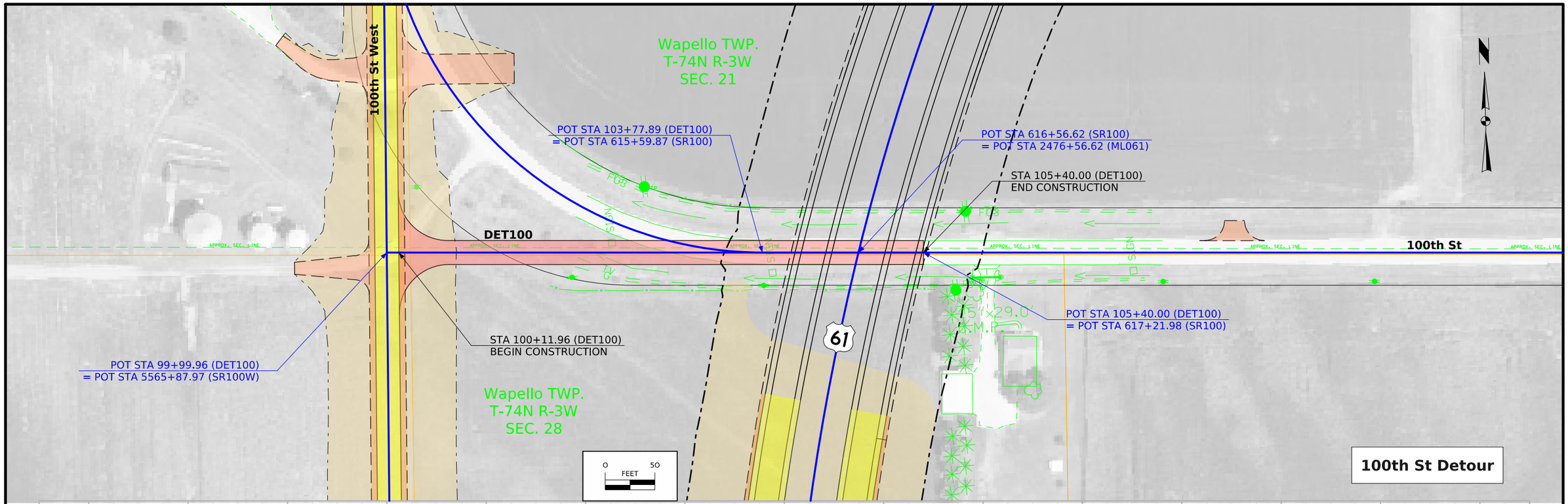

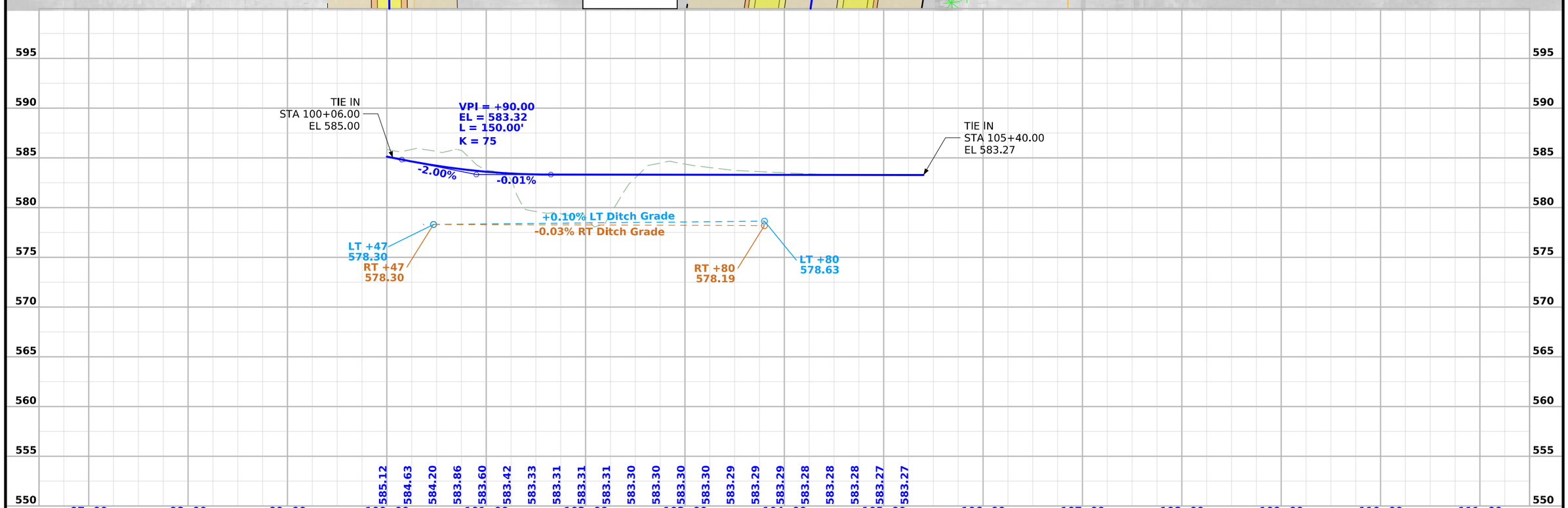

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER F.1

2:10:54 PM 6/23/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_F01.dgn

Survey Information

Louisa County
SAP
PIN: 11-58-061-010
Project Number: NHSX-061-3(61)--3H-58
Location: 0.5 mi N of IA 78 to 130th St 2 mi S of IA 92
Project Directory: 5806101011
Relocation Survey Section A

Party Personnel
Nels Sutherland - Party Chief
Myron Fox – Assistant Party Chief

Date(s) of Survey
Begin Date 02/20/2020
End Date 09/24/2020

General Information
Measurement units for this survey are US survey feet. The cleared NEPA area limits were used as survey limits.

Vertical Control
Project control was surveyed using static post processing methods in 2014. Vertical datum for this survey is relative to NAVD88 (GEOID12B). Louisa County Control Marks were used as primary project control marks. In 2020 Primary control was added by static post processing to densify the control network holding the 2014 survey control.

Des Moines Co. GPS Control Point 244 was checked for vertical tolerance. The difference was less than 0.10ft.
Louisa Co. GPS Control Point 16 was checked for vertical tolerance. The difference was less than 0.10ft.

Horizontal Control
Project control was surveyed using static post processing methods in 2014
Project datum and control established using NAD83 (2011).
The project coordinate system is Iowa Regional Coordinate System Zone 14.
Louisa County Control Marks were used as primary project control marks. In 2020 Primary control was added by static post processing to densify the control network holding the 2014 survey control.

Des Moines Co. GPS Control Point 244 was checked for horizontal tolerance. The difference was less than 0.10ft.
Louisa Co. GPS Control Point 16 was checked for horizontal tolerance. The difference was less than 0.10ft.

Relocation Survey Alignment
A preferred planning alignment as of Jan. 2018 was used to create a survey alignment. It is unknown as of this writing if this survey alignment will be used as construction (design) alignment from which ROW will be purchased and the roadway constructed.

This alignment is known as ML_0100_ML061_7 to the Location and Environment Bureau for this project. The PI's from the planning alignment that were in the Iowa State Plane South coordinate system were transformed to Iowa Regional Zone 14 coordinates. Survey alignment connects these PI's and uses the curve radii from the planning alignment noted above. The stationing from the planning alignment is approximately the same as survey stationing but not exact due to the difference between grid scale factors in Iowa State Plane South and RCS Zone 14 coordinate systems. Zone 14 alignment models true length more accurately than State Plane.

Utility Information
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

A One-call Design Information Request, (Ticket# 552001634), was made on 03/02/2020 by the District 5 Utility Coordinator. The following Companies were listed:

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

EASTERN IOWA LIGHT & POWER
Contact Name : Mark Elder
Contact Phone: 563-732-7360
Contact Email: mark.elder@easterniowa.com
On 03/02/2020 received an email from the District 5 Utility Coordinator. Attached was a map, provided by Richard VanErsvelde of Eastern Iowa Light & Power, showing an underground electric line running on the west side of hwy61 starting at just south of 30th St to just north of 35th St. After 35th St the electric line is overhead running along the west side of hwy61 then crossing over hwy61 to the east side north of 40th St and continuing north through the project.

MUTUAL TELE CO OF MORNING SUN
Contact Name : Mike Pugh
Contact Phone: 319-868-7636
Contact Email: custserv@mutel.com
On 03/09/2020 received an email from the District 5 Utility Coordinator. Attached was a map, provided by Dave Connolly of Mutual Tele Co of Morning Sun, showing a buried Telephone line running along the west side of hwy61 from the beginning of the project to approximately 1475ft north of 35th St. There is also a buried Fiber Optic line that runs alongside the Telephone line that ends at 35th St.

WINDSTREAM COMMUNICATIONS
Contact Name : LOCATE DESK
Contact Phone: 800-289-1901
Contact Email: LOCATE.DESK@WINDSTREAM.COM
On 03/02/2020 received an email from the District 5 Utility Coordinator. Attached was a map, provided by Lisa Zingula of Windstream, showing an buried Telephone line starting approximately 1300ft north of 35th St running south along the west side of hwy61 for approximately 2750ft. Crossing to the east side of hwy61 the utility runs north along hwy61 to the south side of H16 where it crosses hwy61 and runs west along the south side of H16. The utility also continues north from H16 along the west side of hwy61 for approximately 1200ft where it crosses hwy61 and continues north on the east side. The utility reaches J Ave and crosses hwy61 then runs along the west side to approximately 1000ft short of the north end of the project.

CONTROL POINT VICINITY MAP

This map is a guide to the vicinity of the primary project control points

Primary control is for use with RTK base stations and for RTN validation.
Future surveys will use primary project control to establish temporary control as needed for construction or other surveying applications.

HORIZ. DATUM: NAD83(2011) EPOCH 2010.00

VERT. DATUM: NAVD88

Ia. Regional Coordinate System Zone 14

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

HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING

HORIZ. DATUM: NAD83(2011) EPOCH 2010.00

VERT. DATUM: NAVD88

Ia. Regional Coordinate System Zone 14

Point Name	North	East	Height	Code Description
82301	6505277.908	24514639.603	734.414	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF HWY78 AND K AVE E 230FT S OF CL HWY78 23FT 4IN BELOW THE SURFACE
82302	6509798.282	24514476.822	695.707	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF HWY78 AND K AVE N 4484FT E OF CL HWY78 25FT 4IN BELOW SURFACE
82303	6513658.223	24514470.275	677.219	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF HWY78 AND K AVE N 8348FT W OF CL K AVE 31FT 4IN BELOW SURFACE
82304	6521283.246	24514591.535	588.416	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF H16 AND K AVE N 5330FT E OF CL K AVE 32FT 4IN BELOW SURFACE
82305	6526987.155	24514560.752	582.209	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF 65TH ST AND K AVE S 2238FT W OF CL K AVE 35FT 4IN BELOW SURFACE
82306	6535656.212	24513738.110	580.297	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF LOCUST ST AND K AVE W 850FT S OF CL LOCUST ST 22FT 4IN BELOW SURFACE
82307	6539702.46	24513255.386	582.039	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF G62 AND 142ND AVE N 46FT W OF CL 142ND AVE 42FT 4IN BELOW SURFACE
82308	6542474.066	24512101.562	581.49	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF 142ND AVE AND 100TH ST W ALONG 100TH ST 1277FT NW OF CL 100TH ST 42FT 4IN BELOW SURFACE
82309	6552828.28	24514227.443	588.609	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF HWY61 AND 112TH ST S 1385FT ALONG HWY61 27FT E OF CL HWY61 4IN BELOW SURFACE
82310	6558546.753	24514811.375	617.493	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF HWY61 AND 112TH ST N 1745FT ALONG HWY61 87FT E OF CL HWY61 4IN BELOW SURFACE
244	6499964.194	24514319.063	747.477	FOUND DES MOINES CO GPS CONTROL POINT DESIGNATION 99-244
34	6516121.606	24514579.142	630.907	FOUND LOUISA CO GPS CONTROL POINT DESIGNATION 2006-034
26	6532007.972	24514551.339	579.891	FOUND LOUISA CO GPS CONTROL POINT DESIGNATION 2006-026
19	6547527.157	24514296.966	562.818	FOUND LOUISA CO GPS CONTROL POINT DESIGNATION 2006-019
16	6563455.827	24514264.869	634.448	FOUND LOUISA CO GPS CONTROL POINT DESIGNATION 2006-016

Louisa County
SAP
PIN: 11-58-061-010
Project Number: NHSX-061-3(61)--3H-58
Location: 0.5 mi N of IA 78 to 130th St 2 mi S of IA 92
Project Directory: 5806101011
Relocation Survey Section B

Party Personnel
Nels Sutherland - Party Chief
Myron Fox – Assistant Party Chief

Date(s) of Survey
Begin Date 01/13/2020
End Date

General Information
Measurement units for this survey are US survey feet. The cleared NEPA area limits were used as survey limits.

Vertical Control
Project control was surveyed using static post processing methods in 2014. Vertical datum for this survey is relative to NAVD88 (GEOID12B). Louisa County Control Marks were used as primary project control marks. In 2020 Primary control was added by static post processing to densify the control network holding the 2014 survey control.

Des Moines Co. GPS Control Point 244 was checked for vertical tolerance. The difference was less than 0.10ft.
Louisa Co. GPS Control Point 16 was checked for vertical tolerance. The difference was less than 0.10ft.

Horizontal Control
Project control was surveyed using static post processing methods in 2014
Project datum and control established using NAD83 (2011).
The project coordinate system is Iowa Regional Coordinate System Zone 14.
Louisa County Control Marks were used as primary project control marks. In 2020 Primary control was added by static post processing to densify the control network holding the 2014 survey control.

Des Moines Co. GPS Control Point 244 was checked for horizontal tolerance. The difference was less than 0.10ft.
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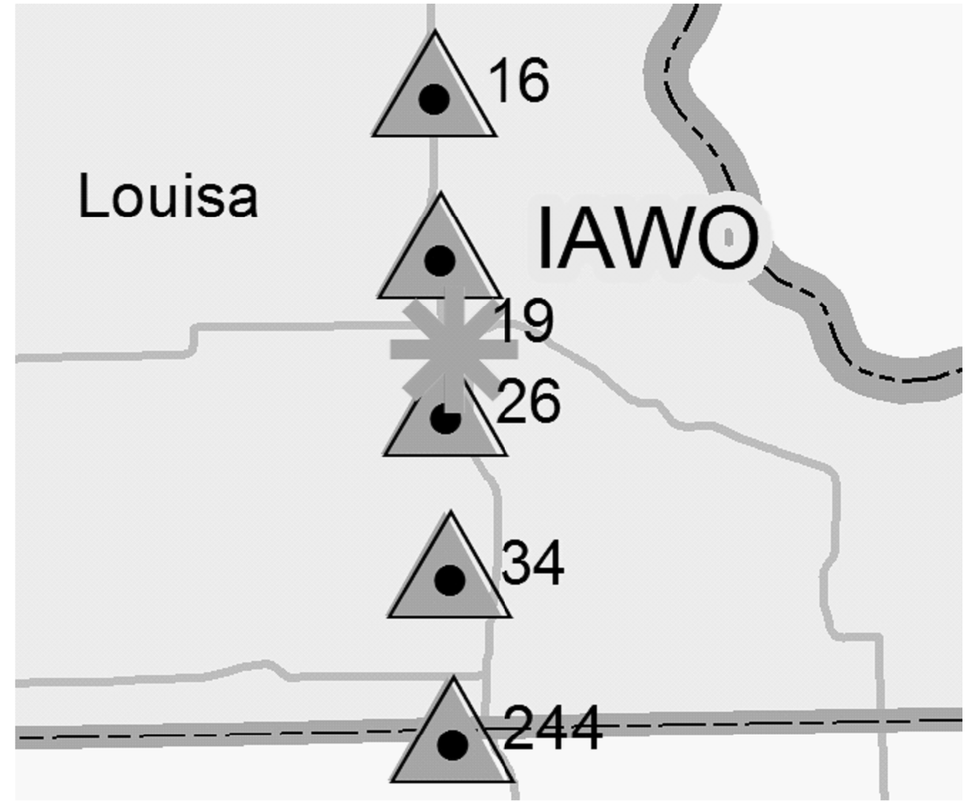
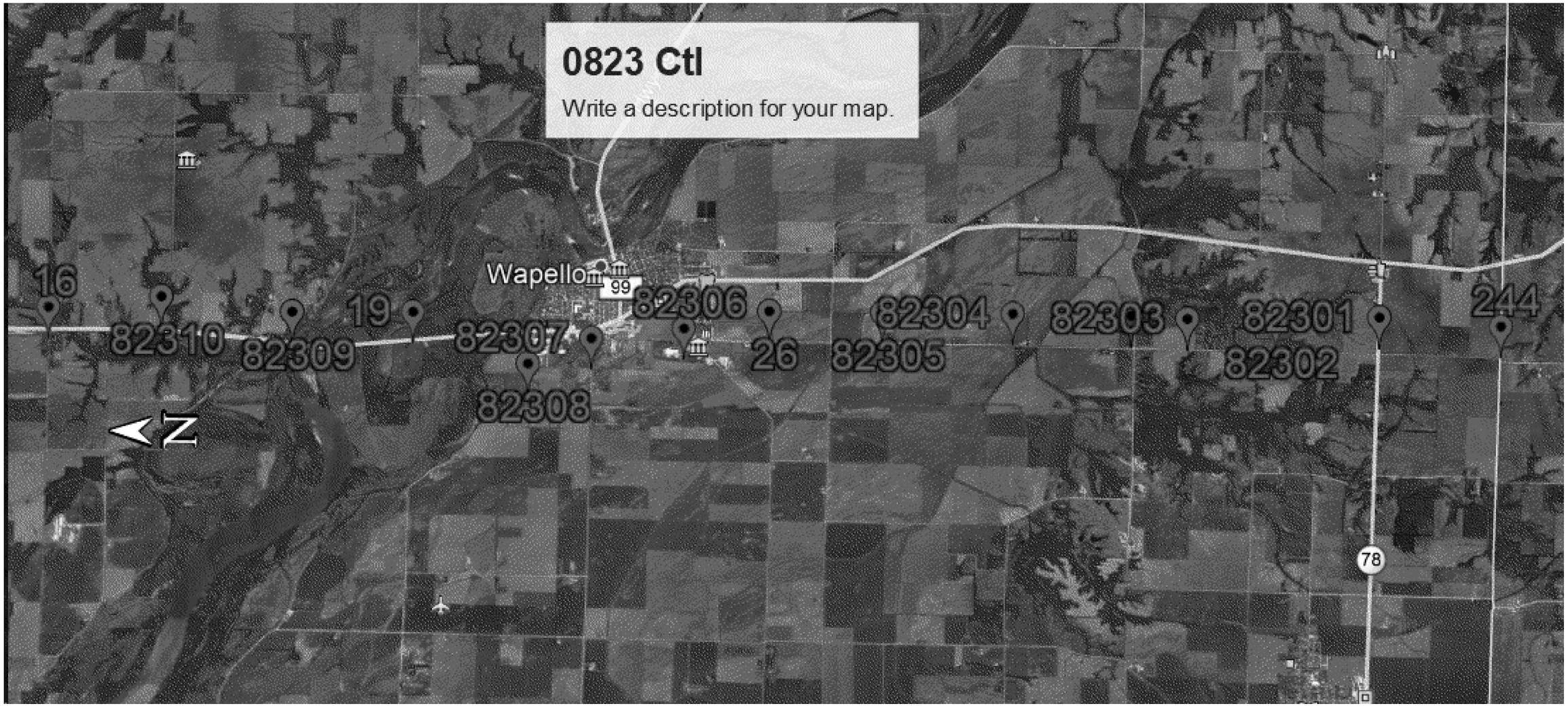


Relocation Survey Alignment
A preferred planning alignment as of Jan. 2018 was used to create a survey alignment. It is unknown as of this writing if this survey alignment will be used as construction (design) alignment from which ROW will be purchased and the roadway constructed.

This alignment is known as ML_0100_ML061_7 to the Location and Environment Bureau for this project. The PI's from the planning alignment that were in the Iowa State Plane South coordinate system were transformed to Iowa Regional Zone 14 coordinates. Survey alignment connects these PI's and uses the curve radii from the planning alignment noted above. The stationing from the planning alignment is approximately the same as survey stationing but not exact due to the difference between grid scale factors in Iowa State Plane South and RCS Zone 14 coordinate systems. Zone 14 alignment models true length more accurately than State Plane.

CONTROL POINT VICINITY MAP

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



HORIZ. DATUM: NAD83(2011) EPOCH 2010.00
VERT. DATUM: NAVD88
Ia. Regional Coordinate System Zone 14

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

HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING

HORIZ. DATUM: NAD83(2011) EPOCH 2010.00

VERT. DATUM: NAVD88

Ia. Regional Coordinate System Zone 14

Point Name	North	East	Height	Code Description
82301	6505277.908	24514639.603	734.414	CP FENO MON WITH IDOT BRASS DISC FROM INTERSECTION OF HWY78 AND K AVE E 230FT S OF CL HWY78 23FT 4IN BELOW THE SURFACE
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Louisa County
SAP 0823
PIN: 11-58-061-010
Project Number: NHSX-061-3(61)--3H-58
Location: 0.5 mi N of IA 78 to 130th St 2 mi S of IA 92
Project Directory: 5806101011
Relocation Survey Section C

Party Personnel
Nels Sutherland - Party Chief
Myron Fox – Assistant Party Chief

Date(s) of Survey
Begin Date 10/20/2020
End Date 09/13/2021

General Information
Measurement units for this survey are US survey feet. The cleared NEPA area limits were used as survey limits.

Vertical Control
Project control was surveyed using static post processing methods in 2014. Vertical datum for this survey is relative to NAVD88 (GEOID12B). Louisa County Control Marks were used as primary project control marks. In 2020 Primary control was added by static post processing to densify the control network holding the 2014 survey control.

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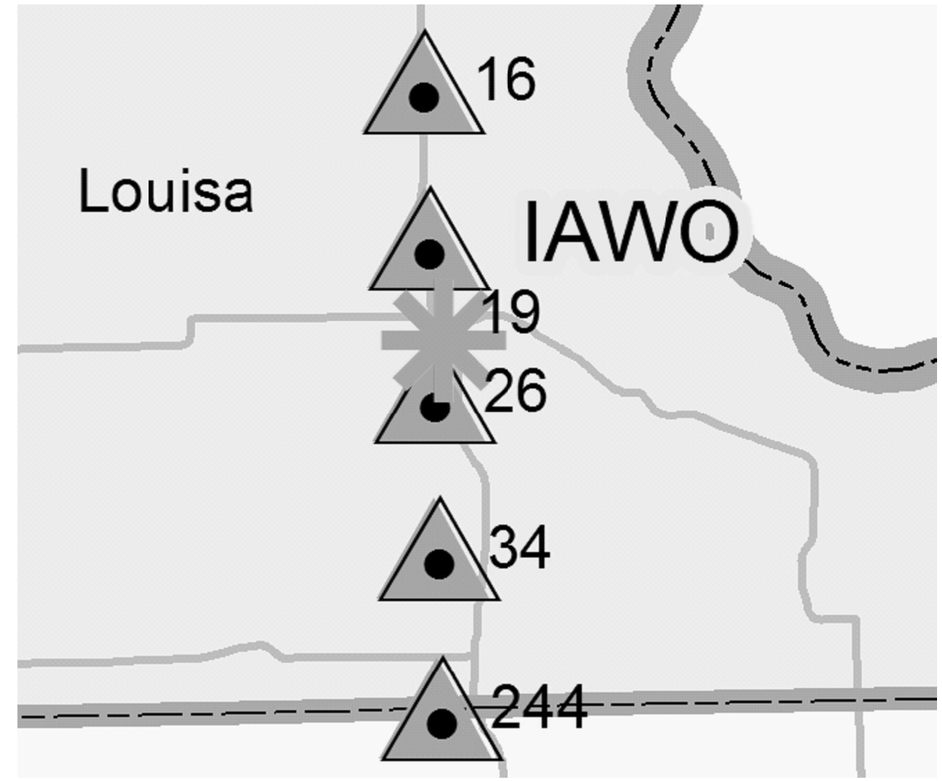

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VERT. DATUM: NAVD88
Ia. Regional Coordinate System Zone 14

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HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING

HORIZ. DATUM: NAD83(2011) EPOCH 2010.00

VERT. DATUM: NAVD88

Ia. Regional Coordinate System Zone 14

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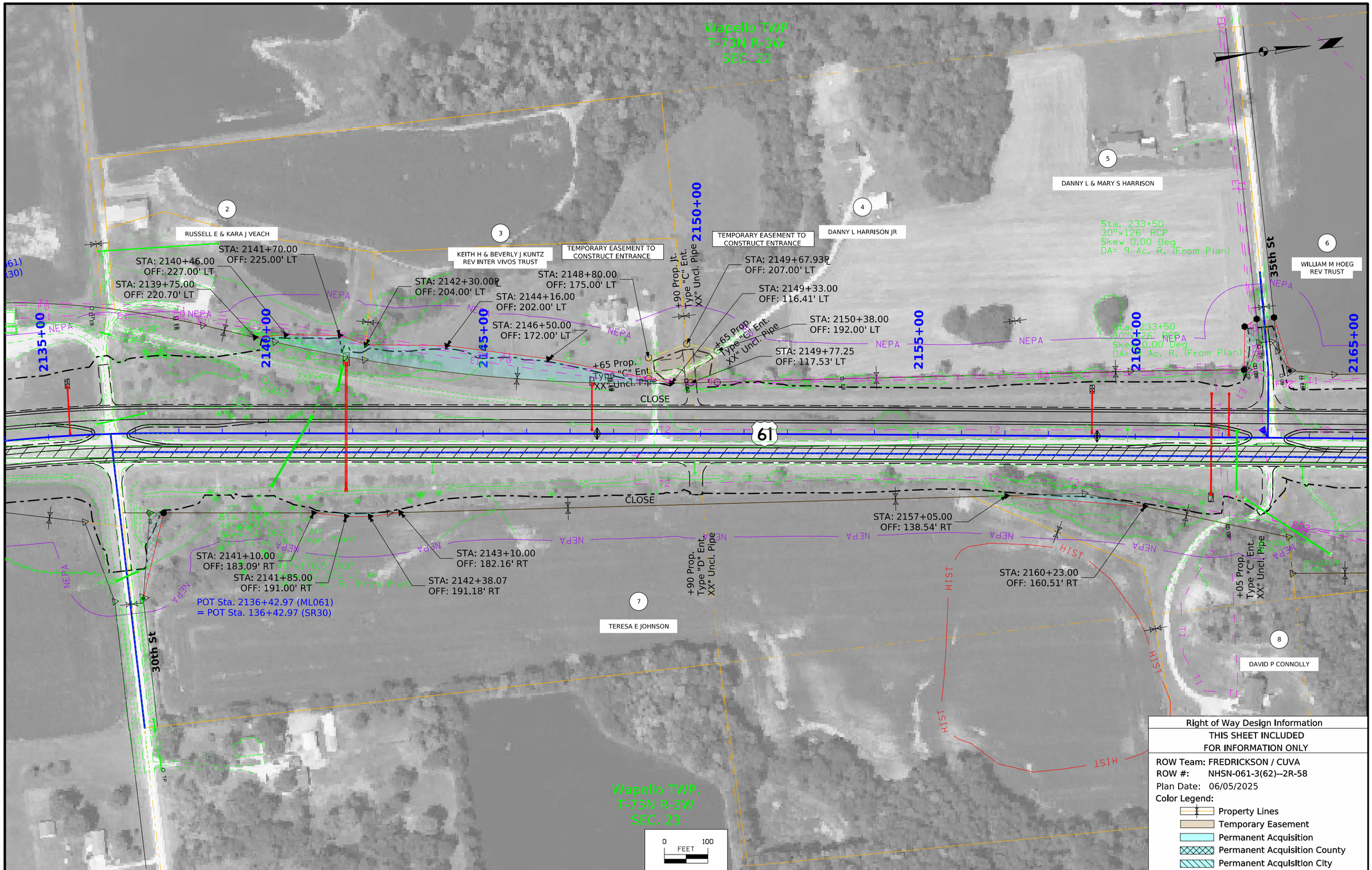

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.1

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Wapello TWP.
T-73N R-3W
SEC. 22

Wapello Township
T-73N R-3W
SEC. 15

Wapello TWP.
T-73N R-3W
SEC. 23

44D
DRAINAGE DISTRICT #12

10
CRAMMOND FARMS INC

6
WILLIAM M HOEG REV TRUST

9
WILLIAM M HOEG REV TRUST

THOMAS L & JANET I CROSS

BRADY WILKERSON

8
DAVID P CONNOLLY

9A
DALE S HONTS III & MELISSA K HONTS

10A
PATRICK J & ANNA M MESLER

44D
DRAINAGE DISTRICT #12

61

West H16 / 40th St

East H16 / 40th St

2165+00
2170+00
2175+00
2180+00
2185+00
2190+00
2195+00

+05 Prop. Jt.
Type "C" Ent.
XX" Uncl. Pipe

+05 Prop.
Type "D" Ent.
XX" Uncl. Pipe

STA: 2187+99.32
OFF: 210.00' LT

STA: 2187+65.41
OFF: 210.00' LT

POT Sta. 2189+43.00 (ML061)
= POT Sta. 389+43.00 (SRWH16)

STA: 2187+22.00
OFF: 165.00' LT

STA: 2187+10.36
OFF: 164.68' LT

STA: 2190+60.00
OFF: 210.00' LT

STA: 2190+90.00
OFF: 177.00' LT

Sta. 2194+79.00
Build 204' x 40'
Pretensioned Prestressed
Concrete Beam Bridge
Skew 0.00 Deg.
BY OTHERS

STA: 2194+08.00
OFF: 136.00' LT

STA: 2193+45.00
OFF: 170.00' LT

Sta. 2194+79.00
Build 204' x 40'
Pretensioned Prestressed
Concrete Beam Bridge
Skew 0.00 Deg.
BY OTHERS

REMOVE

POT Sta. 2189+39.78 (ML061)
= POT Sta. 389+39.78 (SREH16)

Sta. 248+85 (Plan)
24"x62.5' RCP
Skew 10 Deg LT AH
DA= 6 Ac. Rt. H. (Plan)

0 100
FEET

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)--2R-58
Plan Date: 06/05/2025
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition
Permanent Acquisition County
Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.2

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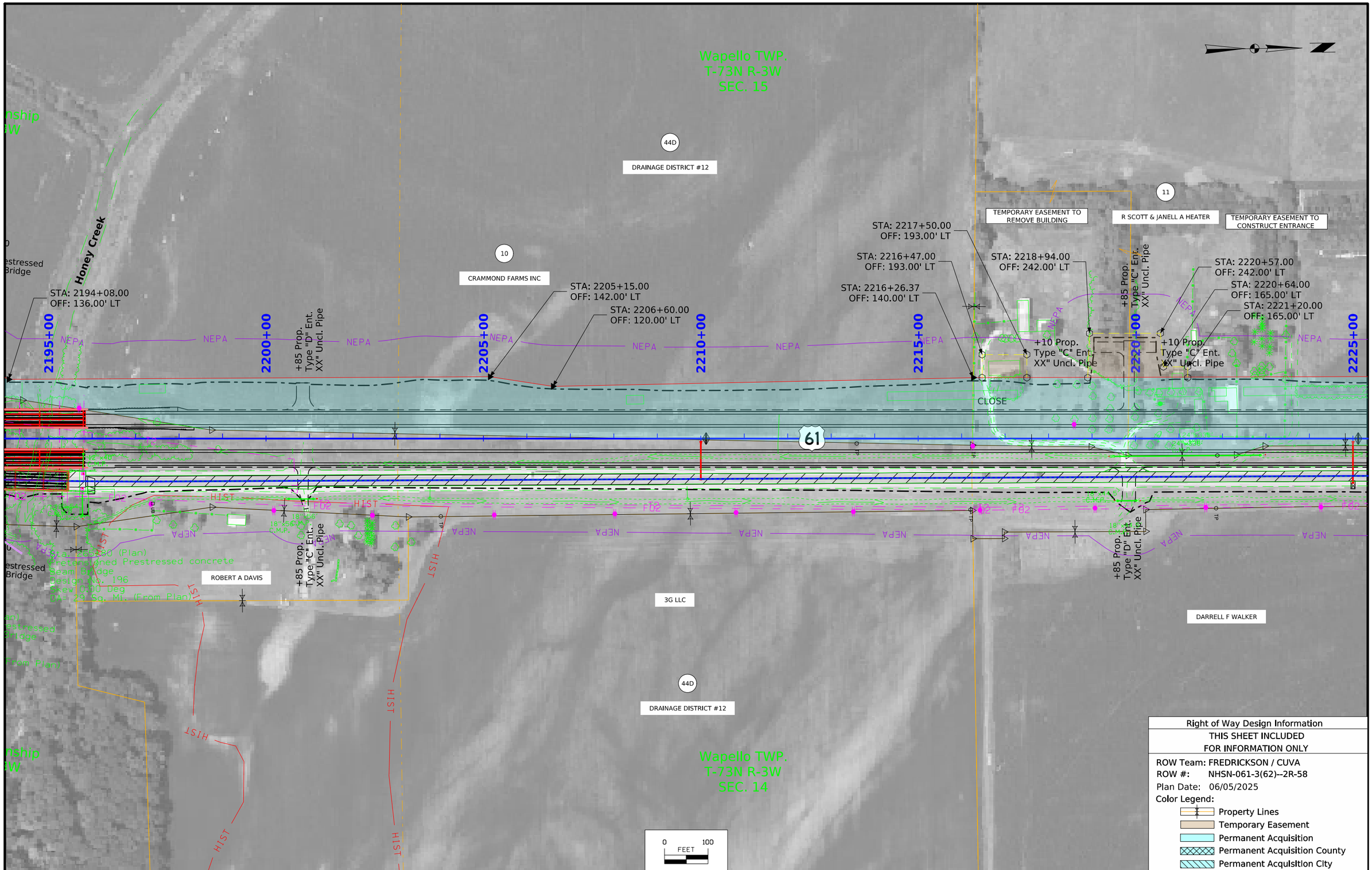

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.3

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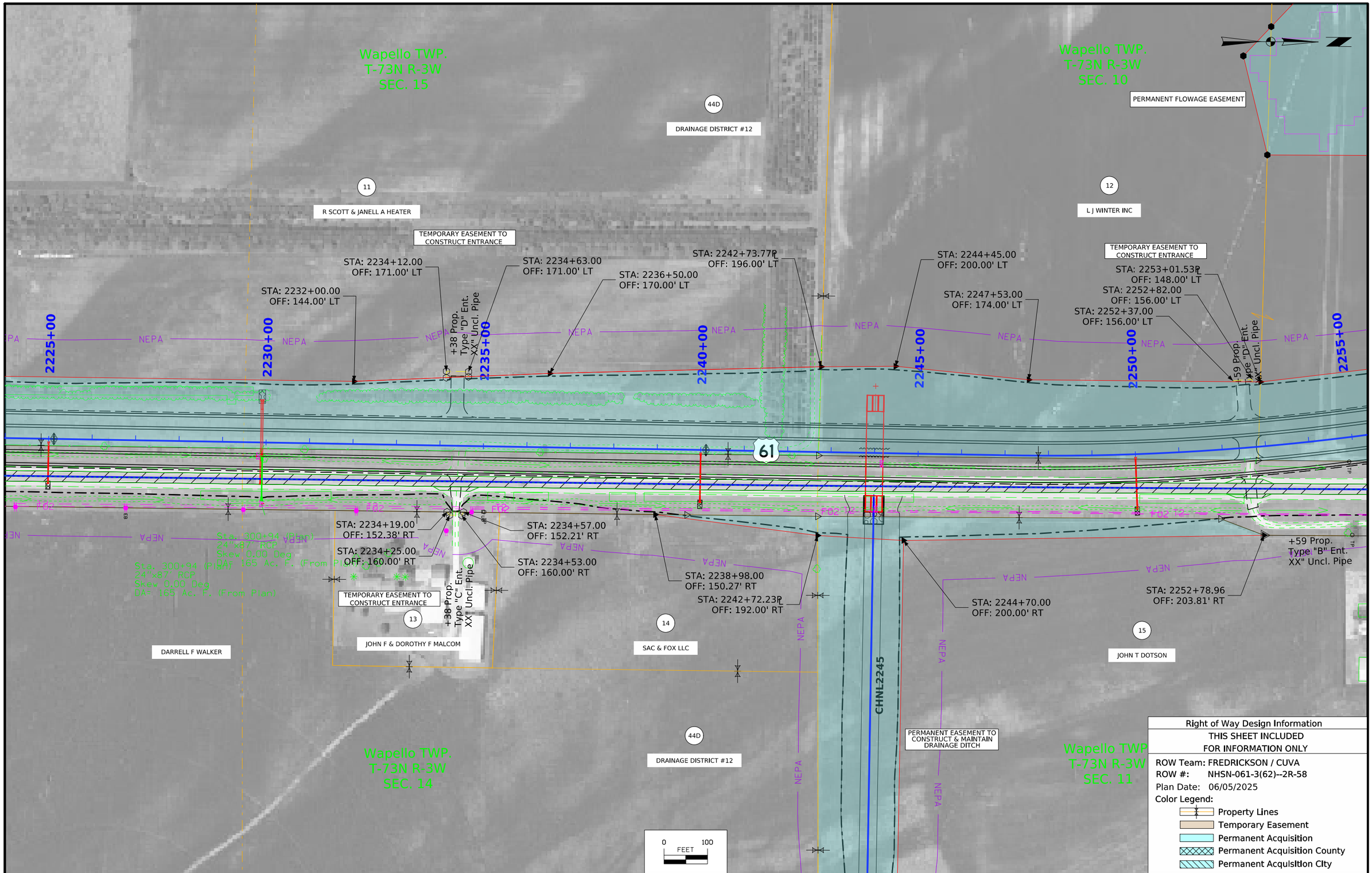

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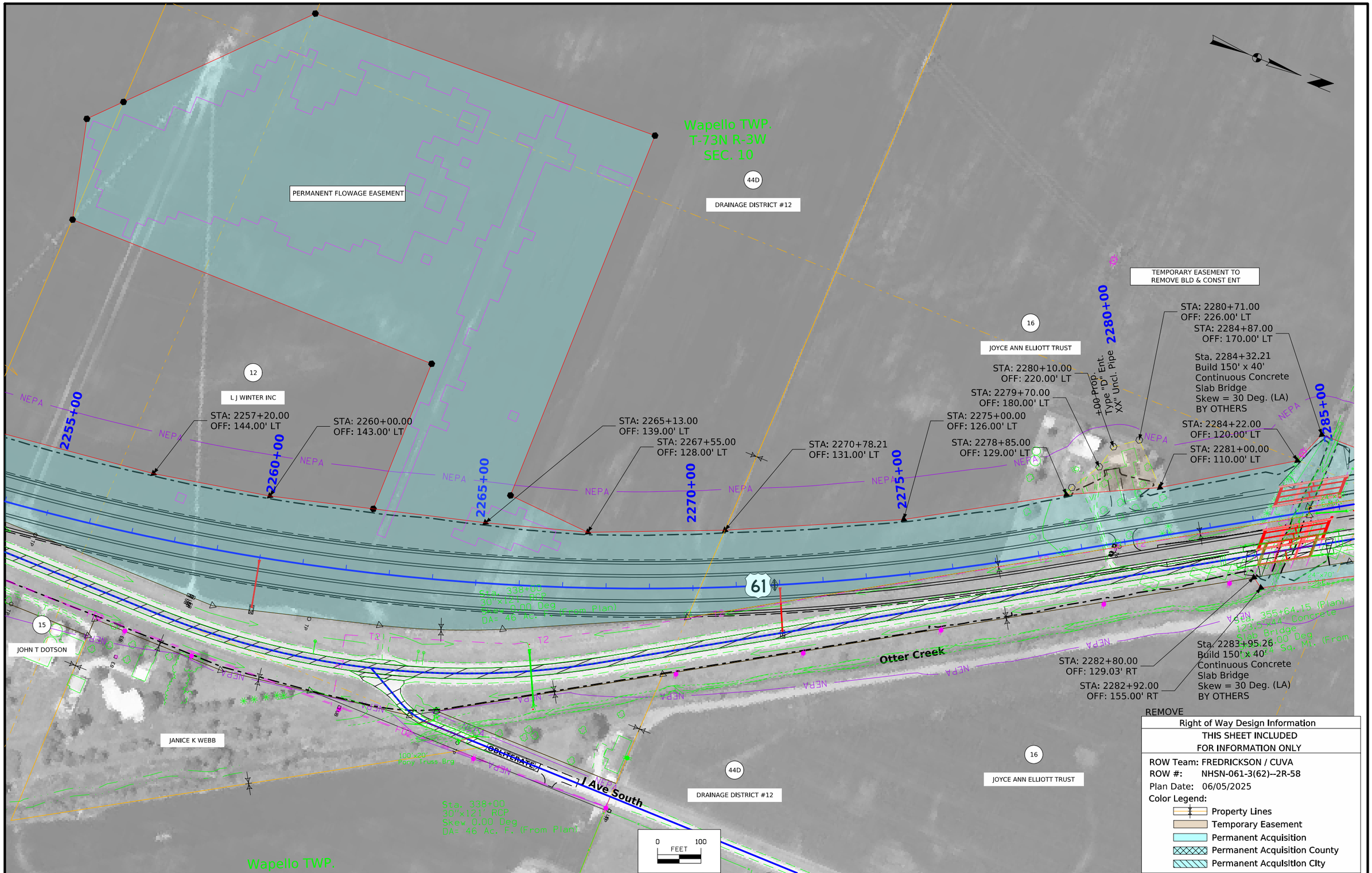

Right of Way Design Information

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FOR INFORMATION ONLY

ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)--2R-58
Plan Date: 06/05/2025
Color Legend:

- Property Lines
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- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.5

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Wapello TWP.
T-73N R-3W
SEC. 10

Wapello TWP.
T-73N R-3W
SEC. 3

44D
DRAINAGE DISTRICT #12

PERMANENT FLOWAGE EASEMENT

TEMPORARY EASEMENT TO REMOVE BUILDINGS

16
JOYCE ANN ELLIOTT TRUST

16
CRAMMOND FARMS INC
TOTAL ACQUISITION

16
JOYCE ANN ELLIOTT TRUST

Otter Creek County Ditch

STA: 2284+87.00
OFF: 170.00' LT

STA: 2285+80.00
OFF: 115.00' LT

STA: 2286+40.00
OFF: 217.00' LT

STA: 2287+59.00
OFF: 188.00' LT

STA: 2287+49.00
OFF: 158.46' LT

STA: 2288+25.00
OFF: 178.00' LT

+25 Prop.
Type "D" Ent.
XX" Uncl. Pipe

STA: 2304+18.71
OFF: 439.37' LT

STA: 2302+37.71
OFF: 153.00' LT

STA: 2307+36.00
OFF: 147.00' LT

STA: 2309+07.82
OFF: 143.00' LT

2285+00 2290+00 2295+00 2300+00 2305+00 2310+00 2315+00

NEPA

FUTURE ROW LINE

18"x76' C.M.P.
CLOSE

61

24"x54' C.M.P.
24"x84' C.M.P.
24"x70' C.M.P.
24"x42' C.M.P.
36"x53' C.M.P.

STA: 2289+40.00
OFF: 158.99' RT

STA: 2288+30.00
OFF: 175.00' RT

+25 Prop.
Type "D" Ent.
XX" Uncl. Pipe

(Plan)
(From Plan)

CLOSE
24"x42' C.M.P.

OBLITERATE

16
JOYCE ANN ELLIOTT TRUST

44D
DRAINAGE DISTRICT #12

0 100
FEET

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)--2R-58
Plan Date: 06/05/2025
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition
Permanent Acquisition County
Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.6

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Wapello TWP.
T-73N R-3W
SEC. 3

44D
DRAINAGE DISTRICT #12

41
HUPP FAMILY FARMS LLC
PERMANENT FLOWAGE EASEMENT

16
JOYCE ANN ELLIOTT TRUST
PERMANENT FLOWAGE EASEMENT

17
CRAMMOND FARMS INC
PERMANENT FLOWAGE EASEMENT

PERMANENT FLOWAGE EASEMENT

18
MARTHA JEAN YOUNG

19
NELLIE N STINEMAN LIVING TRUST ET AL

17
CRAMMOND FARMS INC

44D
DRAINAGE DISTRICT #12

STA: 2318+05.65℄
OFF: 140.00' LT

STA: 2322+00.00
OFF: 150.00' LT

STA: 2329+35.00
OFF: 140.00' LT

STA: 2333+70.81℄
OFF: 150.00' LT

STA: 2334+13.95℄
OFF: 155.65' LT

STA: 2335+95.00
OFF: 170.00' LT

STA: 2339+75.00
OFF: 290.00' LT

STA: 2342+95.00
OFF: 450.00' LT

STA: 2344+07.00
OFF: 575.00' LT

POT Sta. 2345+00.00 (ML061)
= POT Sta. 413+87.18 (SRBUS61)

2315+00
2320+00
2325+00
2330+00
2335+00
2340+00
2345+00

NEPA

UAC

65th St

BUS 61

61

STA: 2316+25.58℄
OFF: 145.00' RT

STA: 2315+70.01℄
OFF: 232.95' RT

STA: 2328+70.00
OFF: 140.00' RT

STA: 2331+72.30℄
OFF: 165.00' RT

STA: 2337+33.85
OFF: 218.62' RT

STA: 2343+40.34
OFF: 465.00' RT

OBLITERATE

Maintenance Turnaround

Old Hwy 61

0 100
FEET

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ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)--2R-58
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- Permanent Acquisition County
- Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.7

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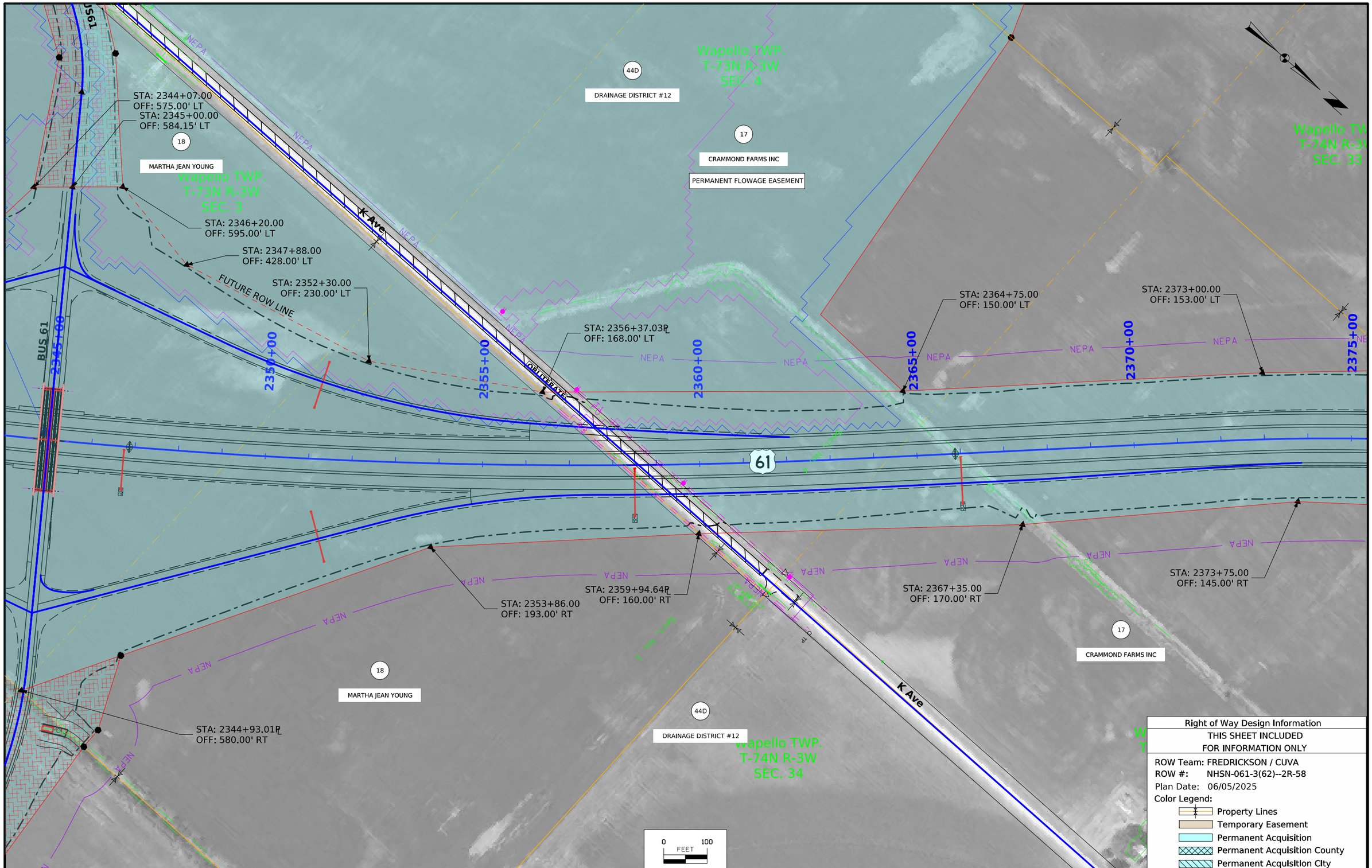

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.8

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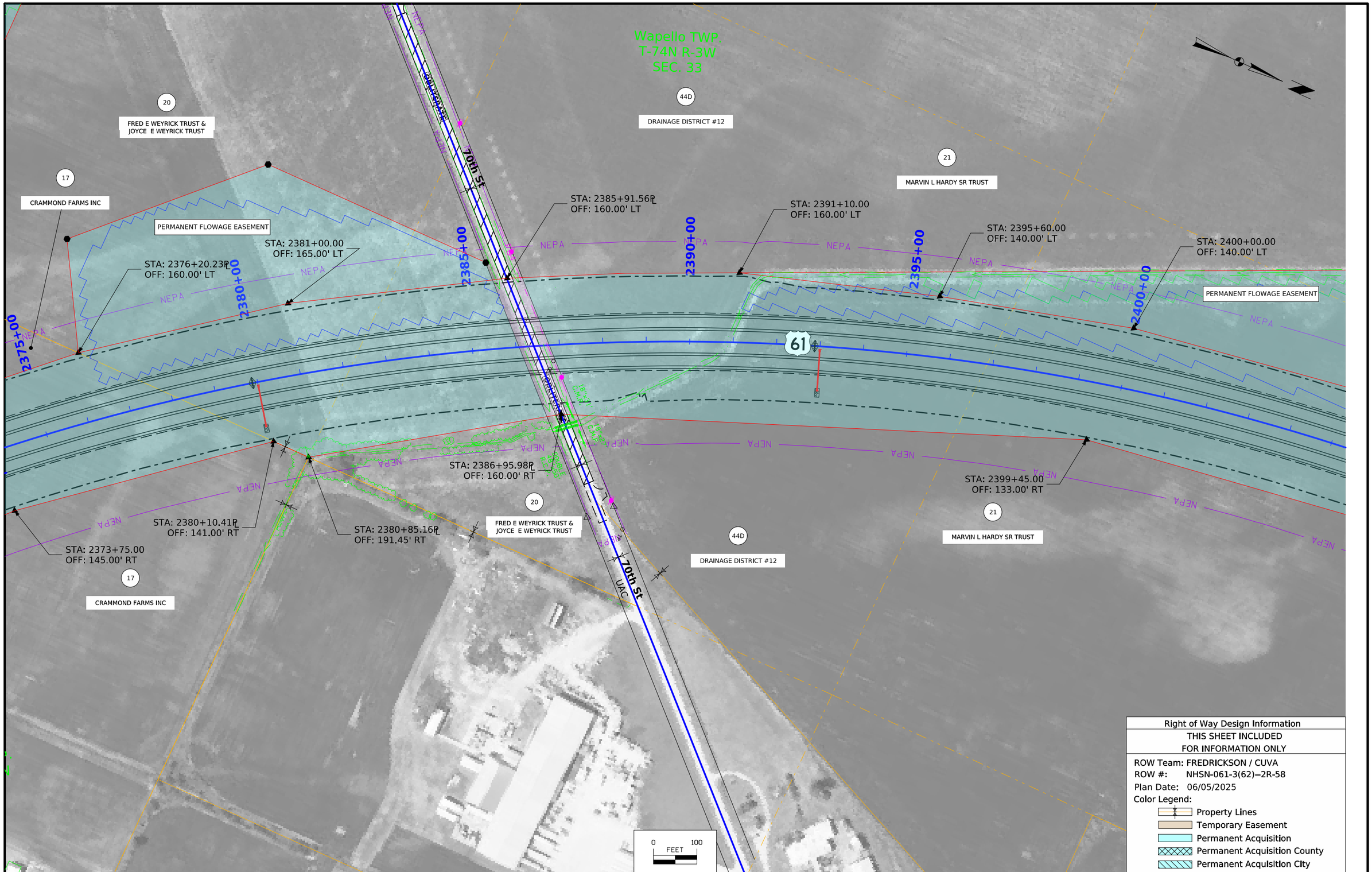

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.9

8:52:25 AM 9/4/2025 afredri pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\ROW\HSheet_58061062.dgn

Wapello TWP.
T-74N R-3W
SEC. 33

44D
DRAINAGE DISTRICT #12

23
BARBARA D HAYES

Wapello TWP.
T-74N R-3W
SEC. 28

21
MARVIN L HARDY SR TRUST

PERMANENT EASEMENT FOR DRAINAGE

PERMANENT FLOWAGE EASEMENT

STA: 2415+70.53
OFF: 128.00' LT

STA: 2410+32.51
OFF: 134.00' LT

STA: 2420+00.00
OFF: 132.00' LT

22
CRAIG M SCHMEISER REV TRUST
TOTAL ACQUISITION

2405+00
2410+00
2415+00
2420+00
2425+00
2430+00
2435+00

NEPA

STA: 2405+62.00
OFF: 136.00' LT

FUTURE ROW LINE

61

FUTURE ROW LINE

STA: 2408+30.00
OFF: 130.00' RT

STA: 2415+74.51
OFF: 135.00' RT

STA: 2417+55.00
OFF: 141.00' RT

STA: 2435+20.00
OFF: 141.00' RT

22
CRAIG M SCHMEISER REV TRUST
TOTAL ACQUISITION

21
MARVIN L HARDY SR TRUST

44D
DRAINAGE DISTRICT #12

0 100
FEET

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)--2R-58
Plan Date: 06/05/2025
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.10

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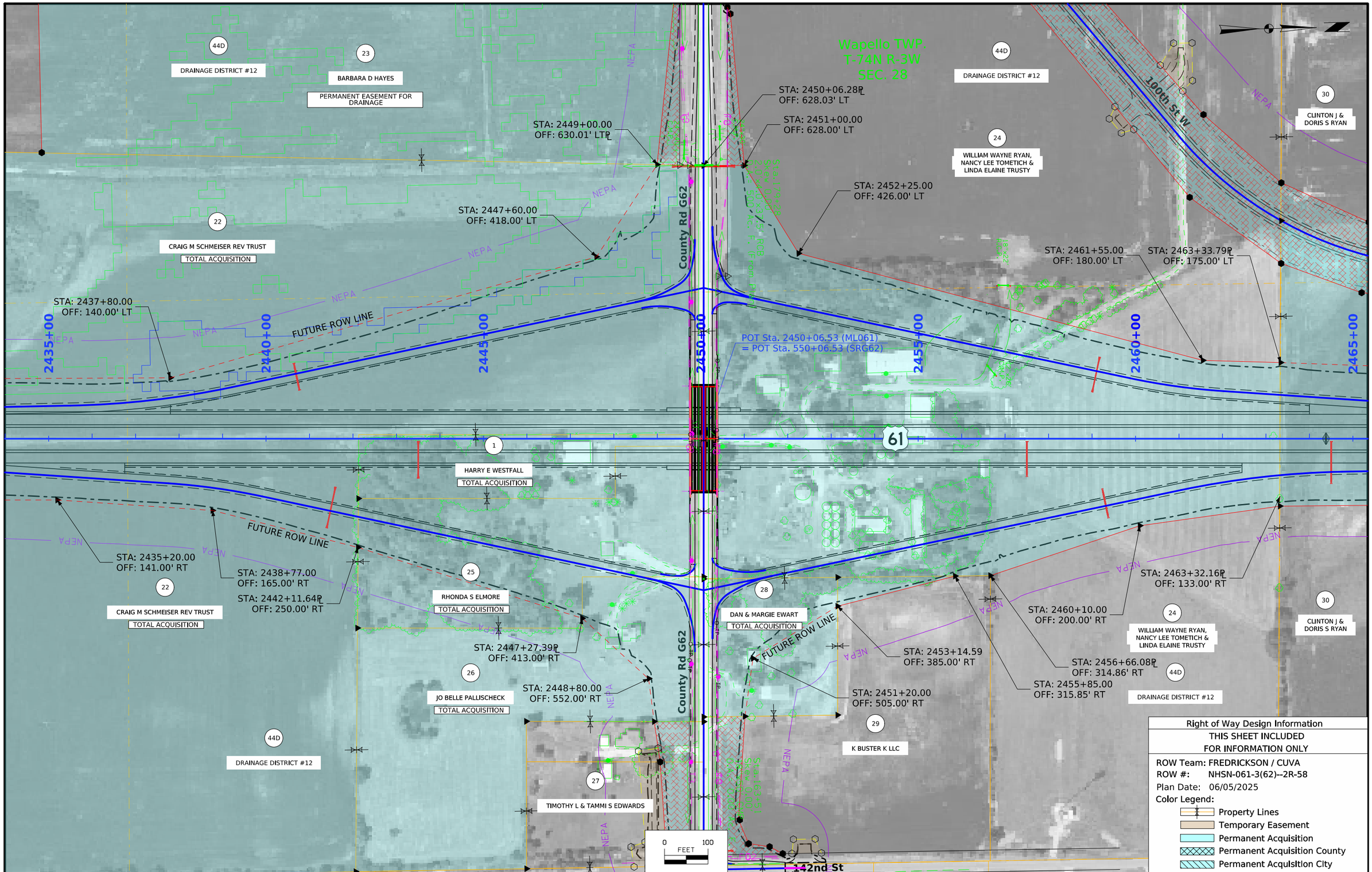

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.11

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Wapello TWP.
T-74N R-3W
SEC. 28

Wapello TWP.
T-74N R-3W
SEC. 21

30
CLINTON J & DORIS S RYAN

31
DEREK O PETERS
TOTAL ACQUISITION

32
MICHAEL CHARLES LAUGHLIN REV TRUST &
TIMOTHY LEE LAUGHLIN

100th St W

100th St

NEPA

2465+00
2470+00
2475+00
2480+00
2485+00
2490+00

FUTURE ROW LINE

61

STA 2475+00.00 (ML061)
END SB CONSTRUCTION

STA: 2472+72.39
OFF: 150.00' LT

STA: 2476+20.30
OFF: 146.00' LT

STA: 2477+08.23
OFF: 200.68' RT

STA 2475+00.00 (ML061)
END NB CONSTRUCTION

STA: 2472+99.30
OFF: 135.00' RT

STA: 2473+14.84
OFF: 273.15' RT

0 100
FEET

Right of Way Design Information
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ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)--2R-58
Plan Date: 06/05/2025
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition
Permanent Acquisition County
Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER H.12

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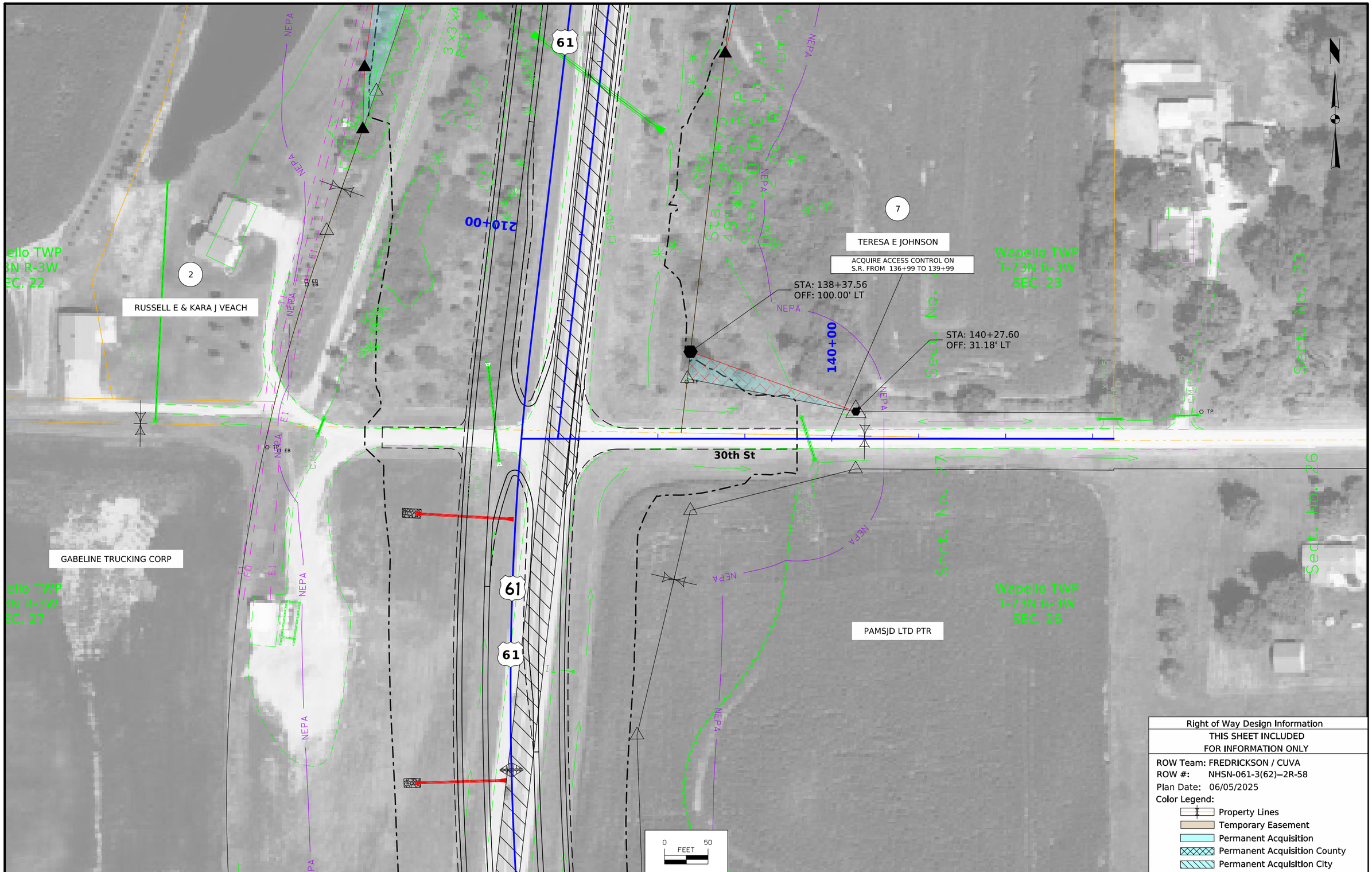

Right of Way Design Information
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FOR INFORMATION ONLY

ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)–2R-58
Plan Date: 06/05/2025
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.1

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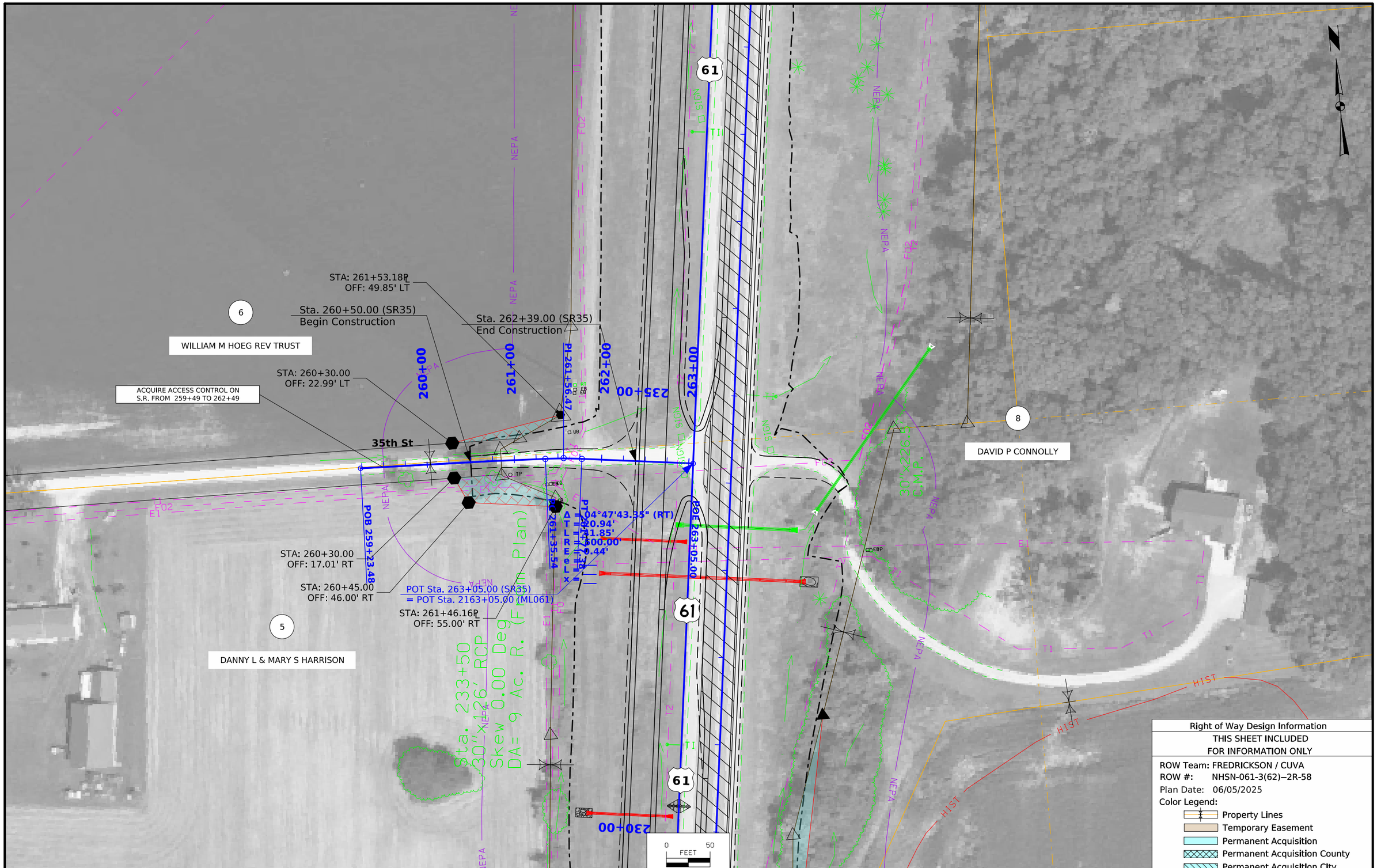

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.2

11:32:46 AM 7/31/2025 afredri pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\ROW\HESheet_58061062.dgn

44D

DRAINAGE DISTRICT #12

Sta. 388+87.00 (SRWH16)
End Construction

10

CRAMMOND FARMS INC

380+00

385+00

265+00

260+00

61

10A

PATRICK J & ANNA M MESLER

STA: 391+85.79PL
OFF: 163.55' LT

ACQUIRE ACCESS CONTROL ON
S.R. FROM 385+87 TO 392+98

STA: 387+30.41PL
OFF: 114.95' LT

STA: 385+10.00
OFF: 69.20' LT

40th St

Sect. No. 15

Sect. No. 22

Sta. 22+22 (SR Plan)
31 x 153.0' C.M.P. Arch
Skew 18.0 Deg
DAF 13 Ac. Hi. (From Plan)

Sta. 22+83.20 (SR Plan)
16x10x128 RCBA
Skew 25 Deg
DAF 25 Ac. Hi. (From Plan)

24x88 C.M.P.

24"x118' C.M.P.

ACQUIRE ACCESS CONTROL ON
S.R. FROM 385+87 TO 392+98

STA: 391+69.03PL
OFF: 153.57' RT

9A

DALE S HONTS III & MELISSA K HONTS

POT Sta. 389+43.00 (SRWH16
= POT Sta. 2189+43.00 (ML06

STA: 386+88.68
OFF: 104.69' RT

STA: 387+76.13PL
OFF: 218.16' RT

+55 Prop.
Type "C" Ent.
XX" Uncl. Pipe

+60 Prop.
Type "C" Ent.
XX" Uncl. Pipe

9

WILLIAM M HOEG REV TRUST

0 50
FEET

Right of Way Design Information
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ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)--2R-58
Plan Date: 06/05/2025
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.3

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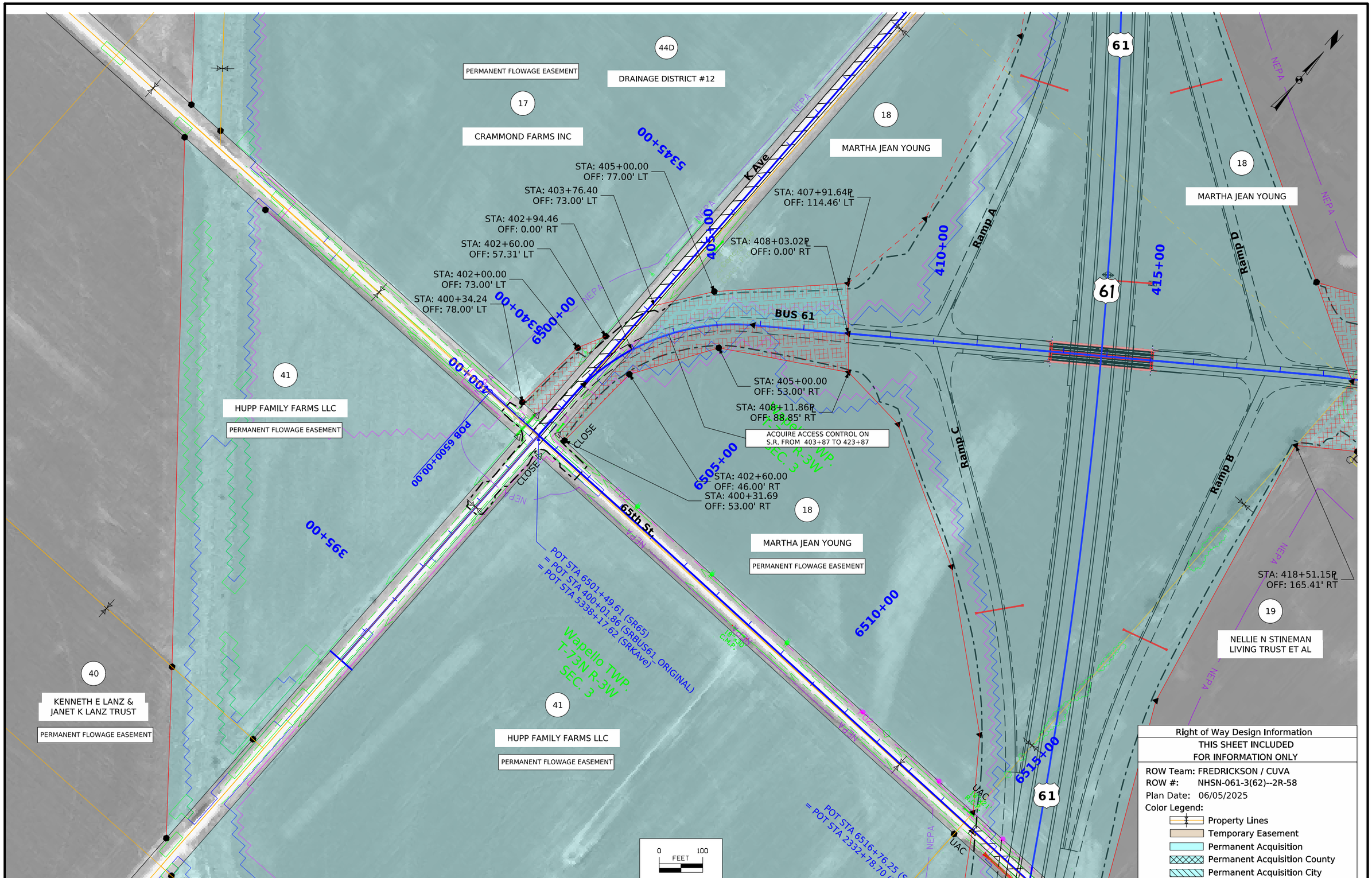

Right of Way Design Information

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ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)--2R-58
Plan Date: 06/05/2025
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.4

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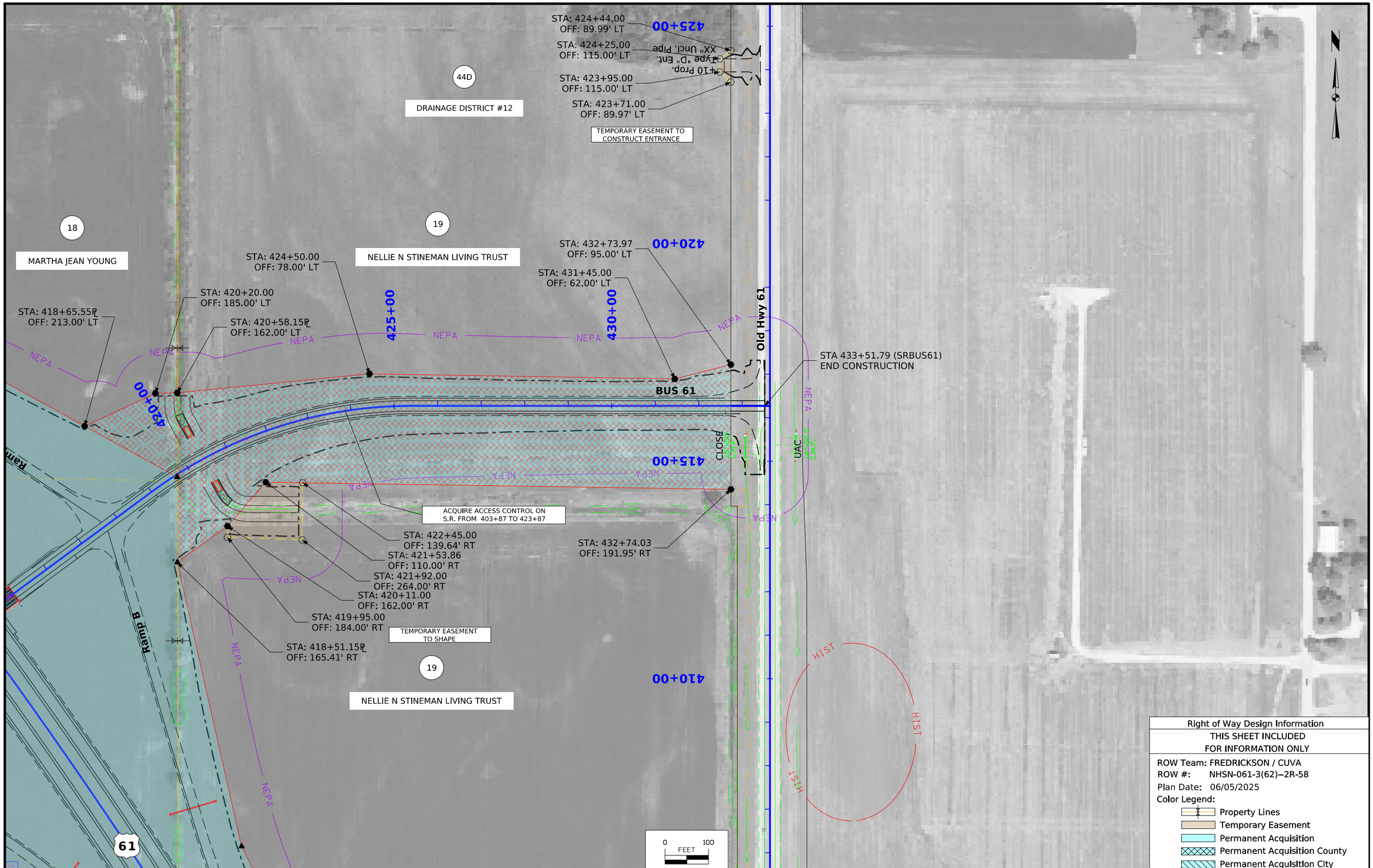

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.5

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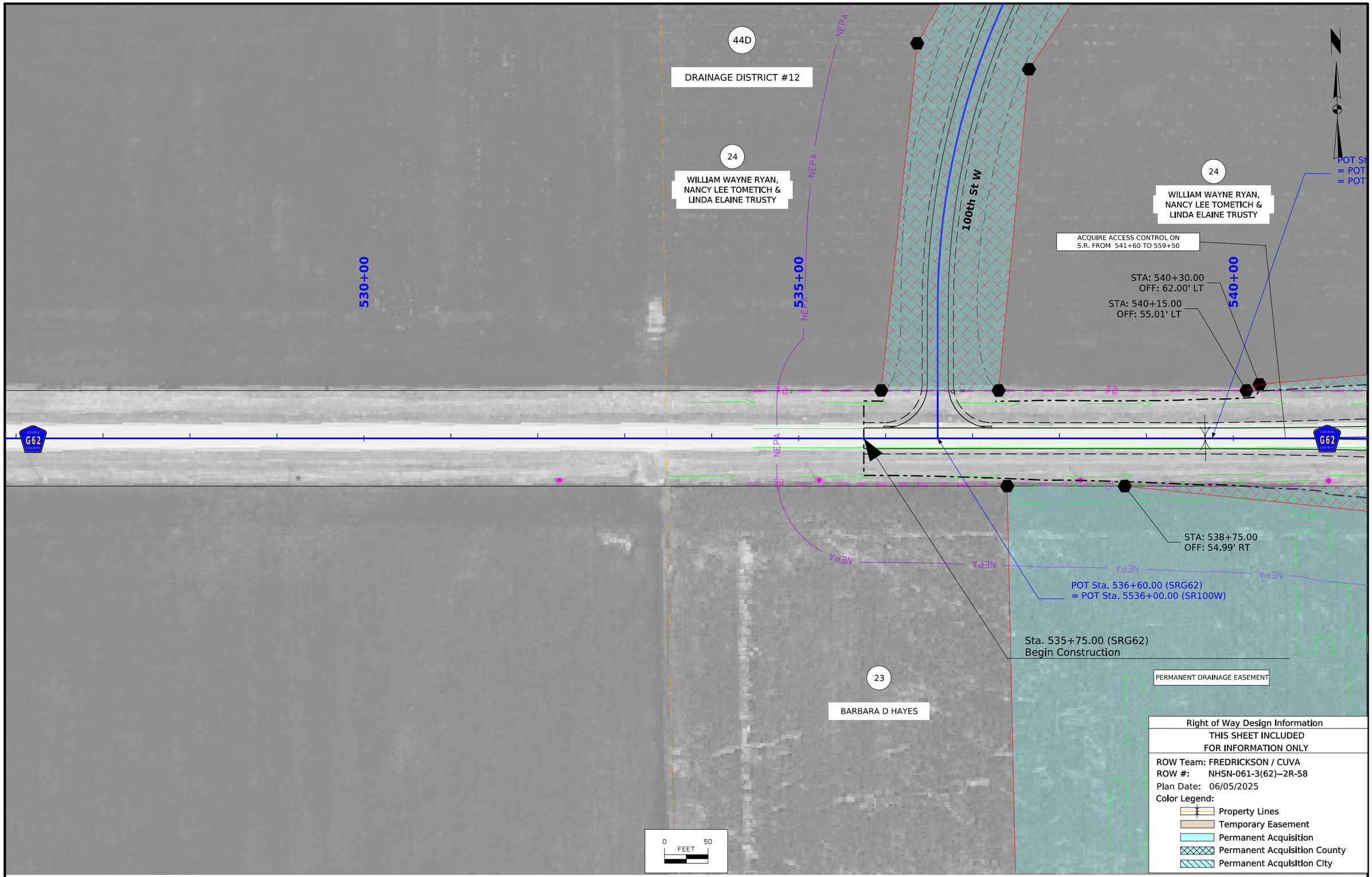

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.6

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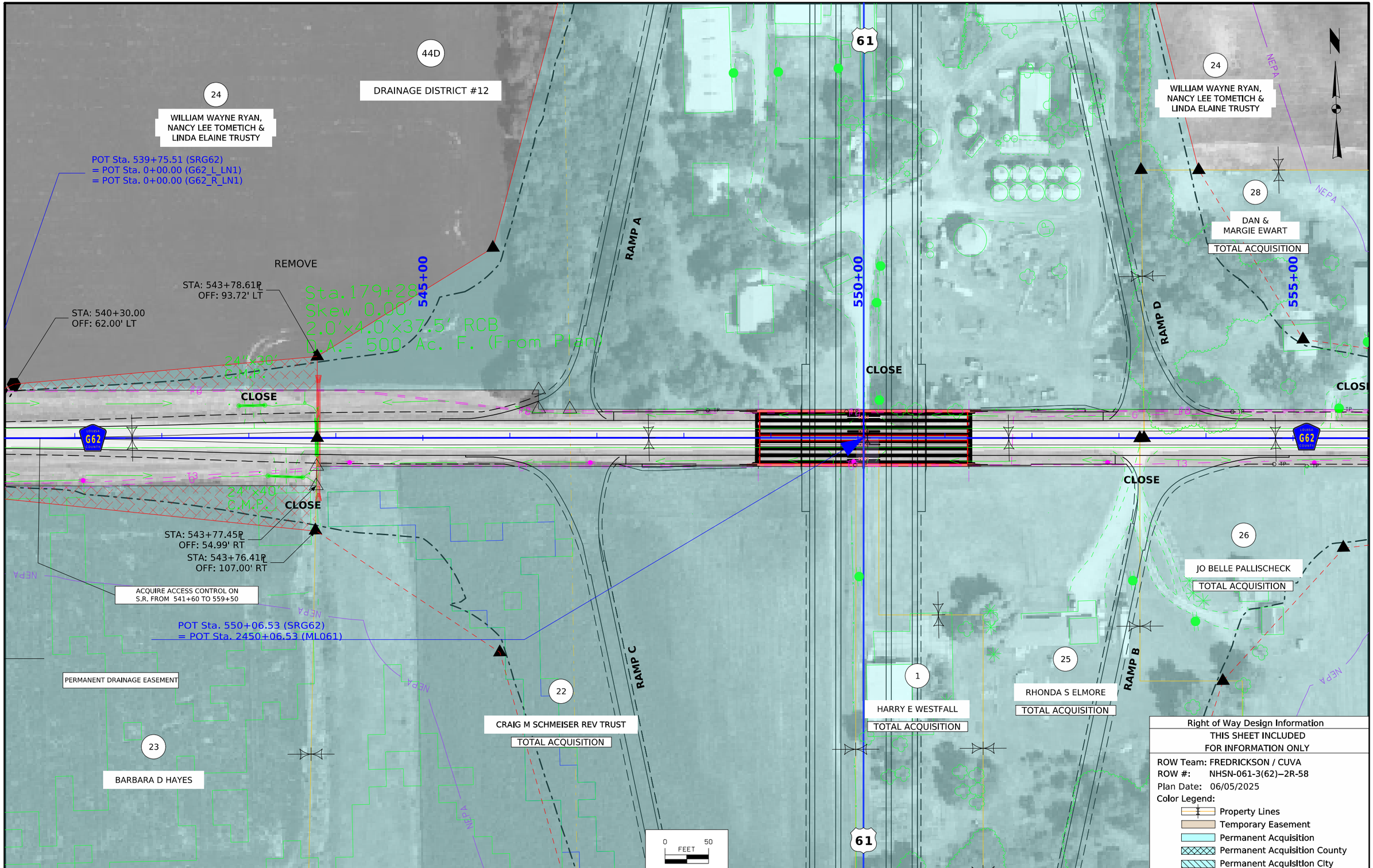

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.7

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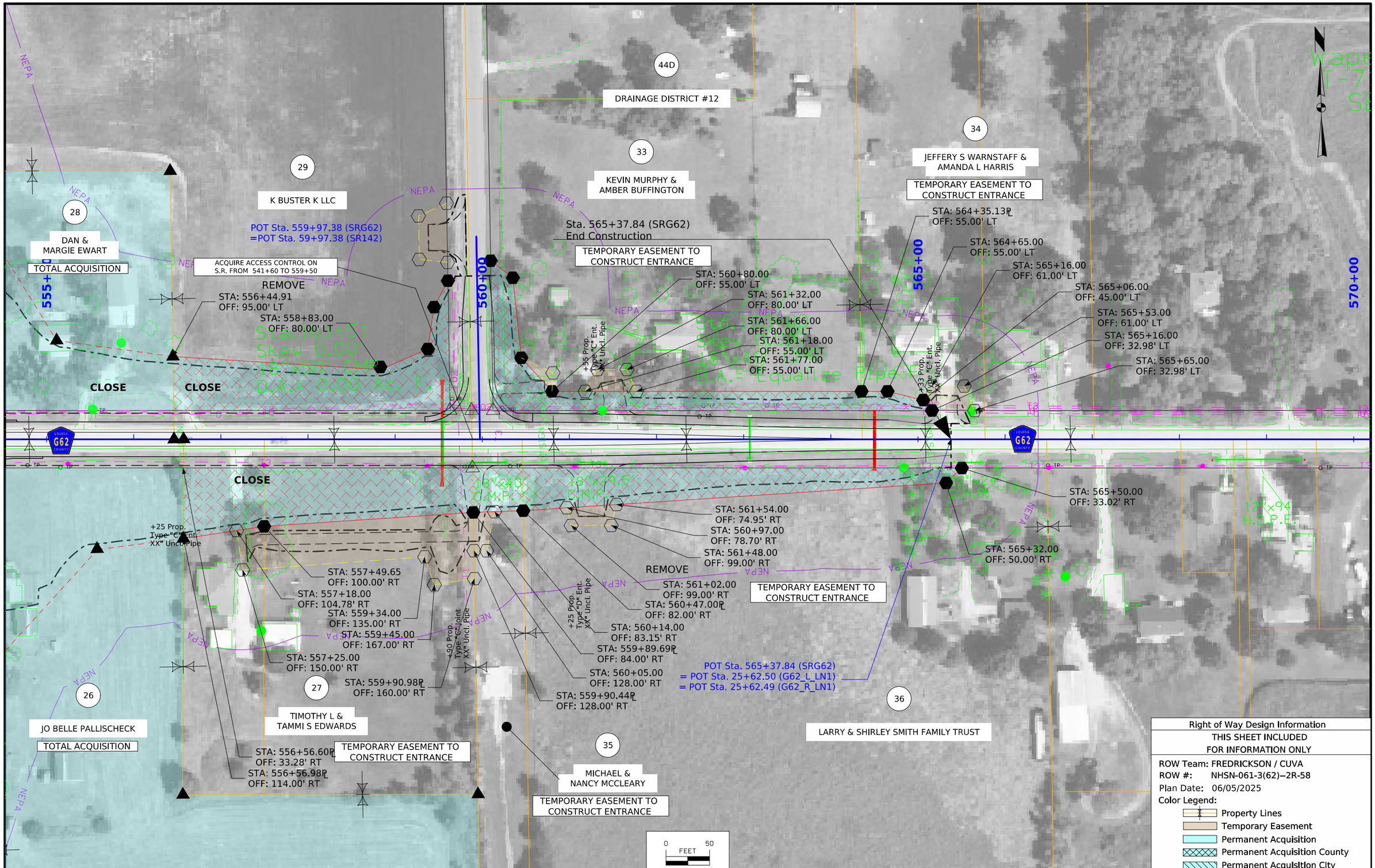

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.8

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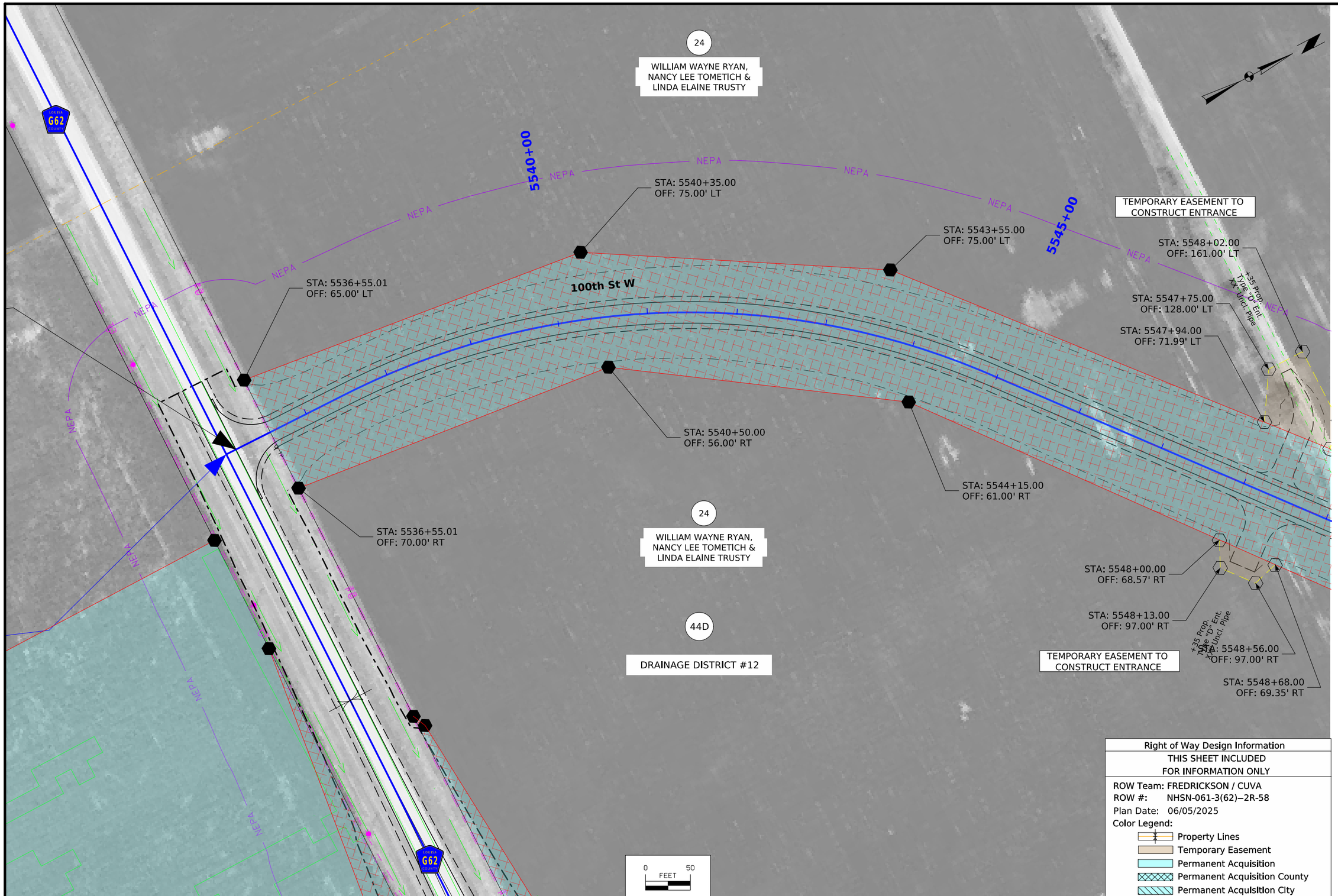

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.9

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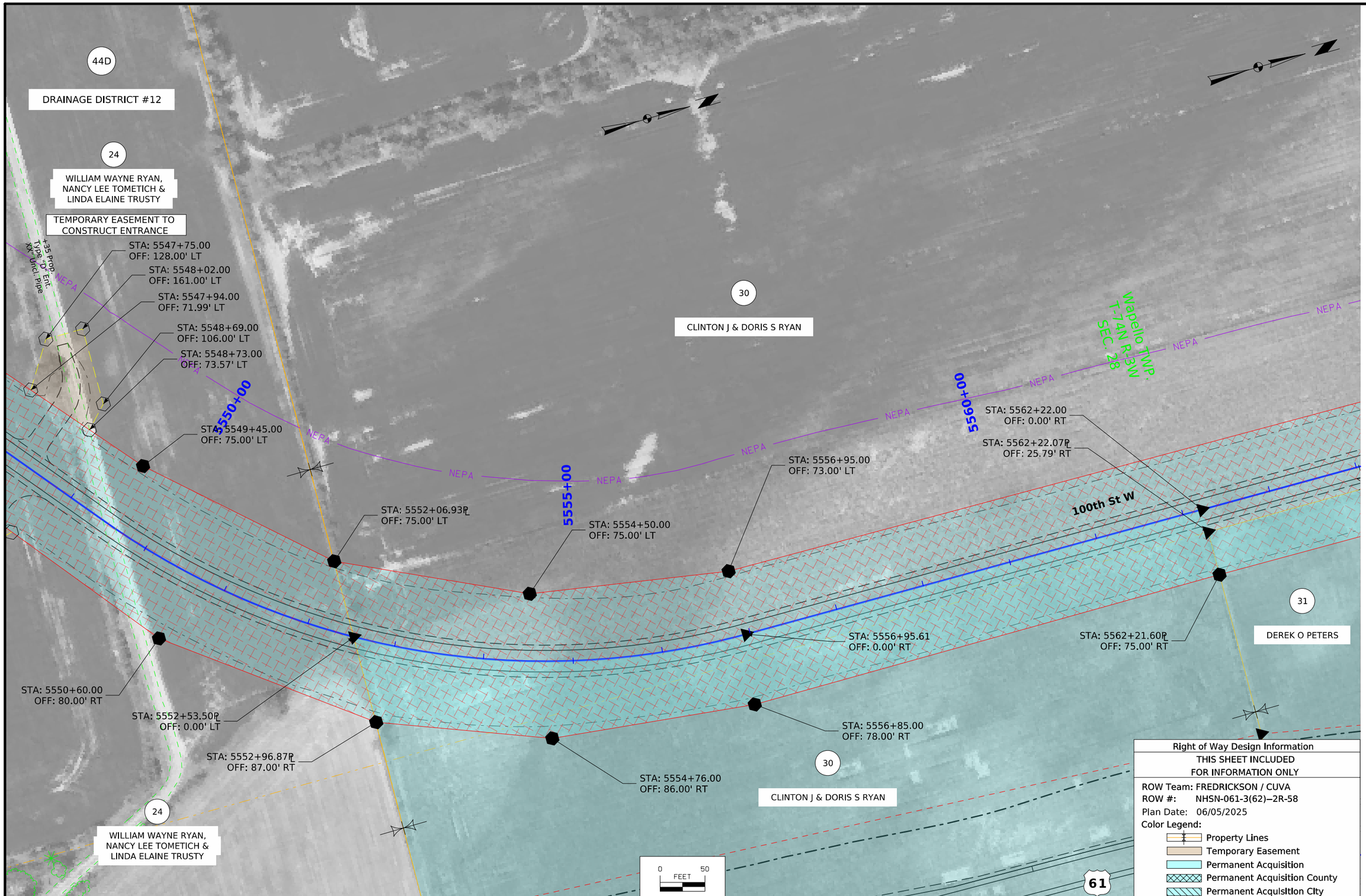

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.10

3:15:44 PM 9/3/2025 afredri pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\ROW\HESheet_58061062.dgn

30

CLINTON J & DORIS S RYAN

TEMPORARY EASEMENT TO CONSTRUCT ENTRANCE

35

MICHAEL & NANCY MCCLEARY

TEMPORARY EASEMENT TO CONSTRUCT ENTRANCE

37

BRYAN & SARAH BOCKES

STA: 5565+84.00
OFF: 98.00' LT

STA: 5565+62.00
OFF: 98.00' LT

STA: 5565+21.00
OFF: 68.68' LT

STA: 5566+08.00
OFF: 68.22' LT

STA: 5566+50.00
OFF: 68.00' LT

STA: 5568+32.75
OFF: 95.00' LT

STA: 5567+85.52
OFF: 132.00' LT

STA: 5567+95.83
OFF: 48.00' LT

STA: 5567+27.39
OFF: 58.00' LT

STA: 5569+10.00
OFF: 45.00' LT

STA: 5569+99.96
OFF: 33.05' LT

5565+00

5570+00

5575+00

POB 604+08.48

NEPA

+73 Prop. Type "C" Ent. XX" Uncl. Pipe

+72 Prop. Type "C" Ent. XX" Uncl. Pipe

+51 Prop. Type "C" Ent. XX" Uncl. Pipe

PI 613+41.99

POT Sta. 5569+66.03 (SR100W)
= POT Sta. 609+63.93 (SR100)

STA: 5565+85.06
OFF: 23.79' RT

STA: 5565+84.57
OFF: 76.00' RT

Δ = 89°24'37.83" (LT)
T = 378.06'
L = 596.07'
R = 381.97'
E = 155.46'
e = ___
L = ___
x = ___

PC 609+63.93

610+00

605+00

Sta. 5572+00.00 (SR100W)
End Construction

32

MICHAEL CHARLES LAUGHLIN REV TRUST &
TIMOTHY LEE LAUGHLIN

31

DEREK O PETERS

100th St

615+00

PT 615+60.00

Wapello TWP.
T-74N R-3W
SEC. 21

61

0 50
FEET

Right of Way Design Information
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ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)–2R-58
Plan Date: 06/05/2025
Color Legend:
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- Temporary Easement
- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.11

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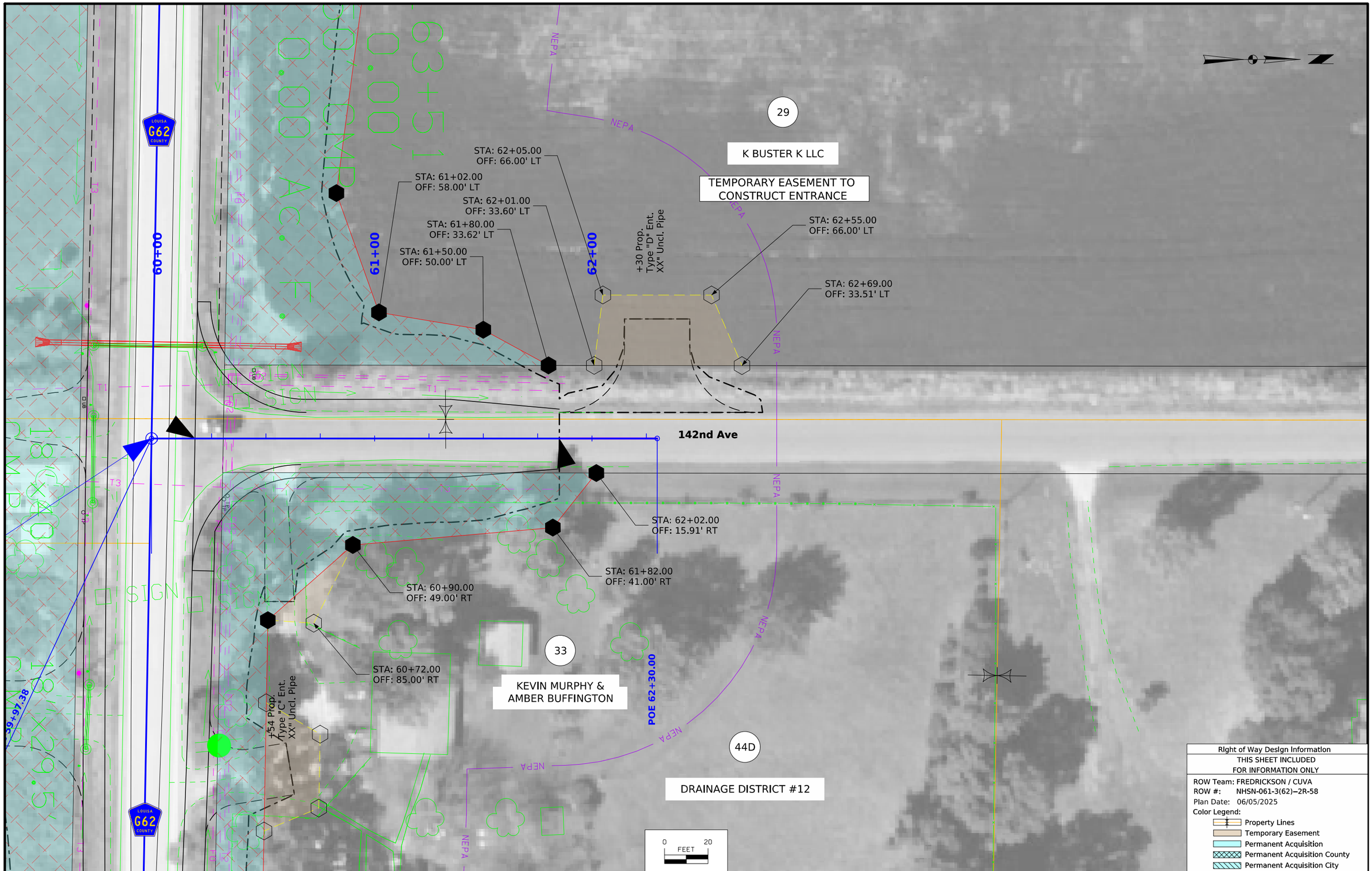

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.12

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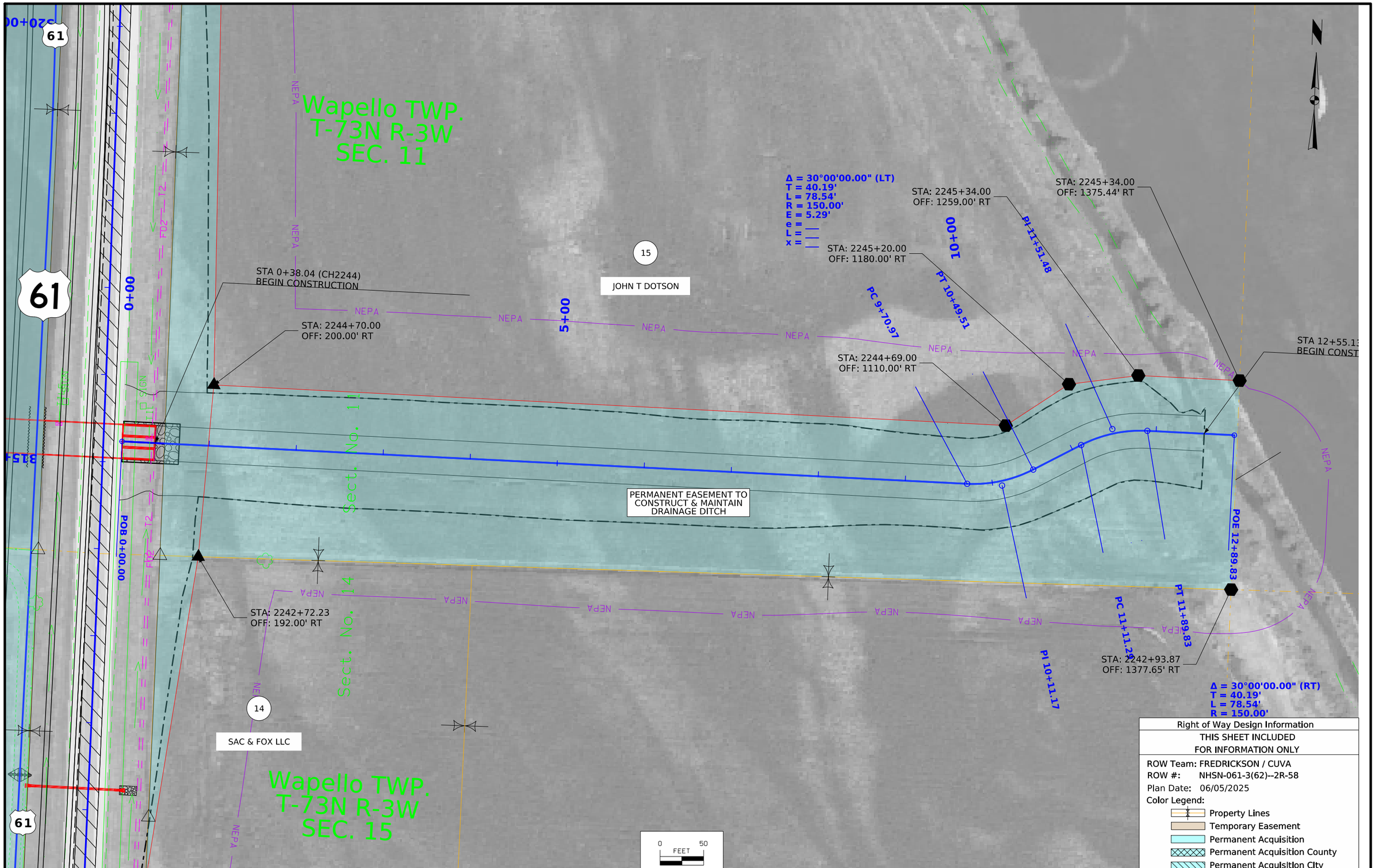

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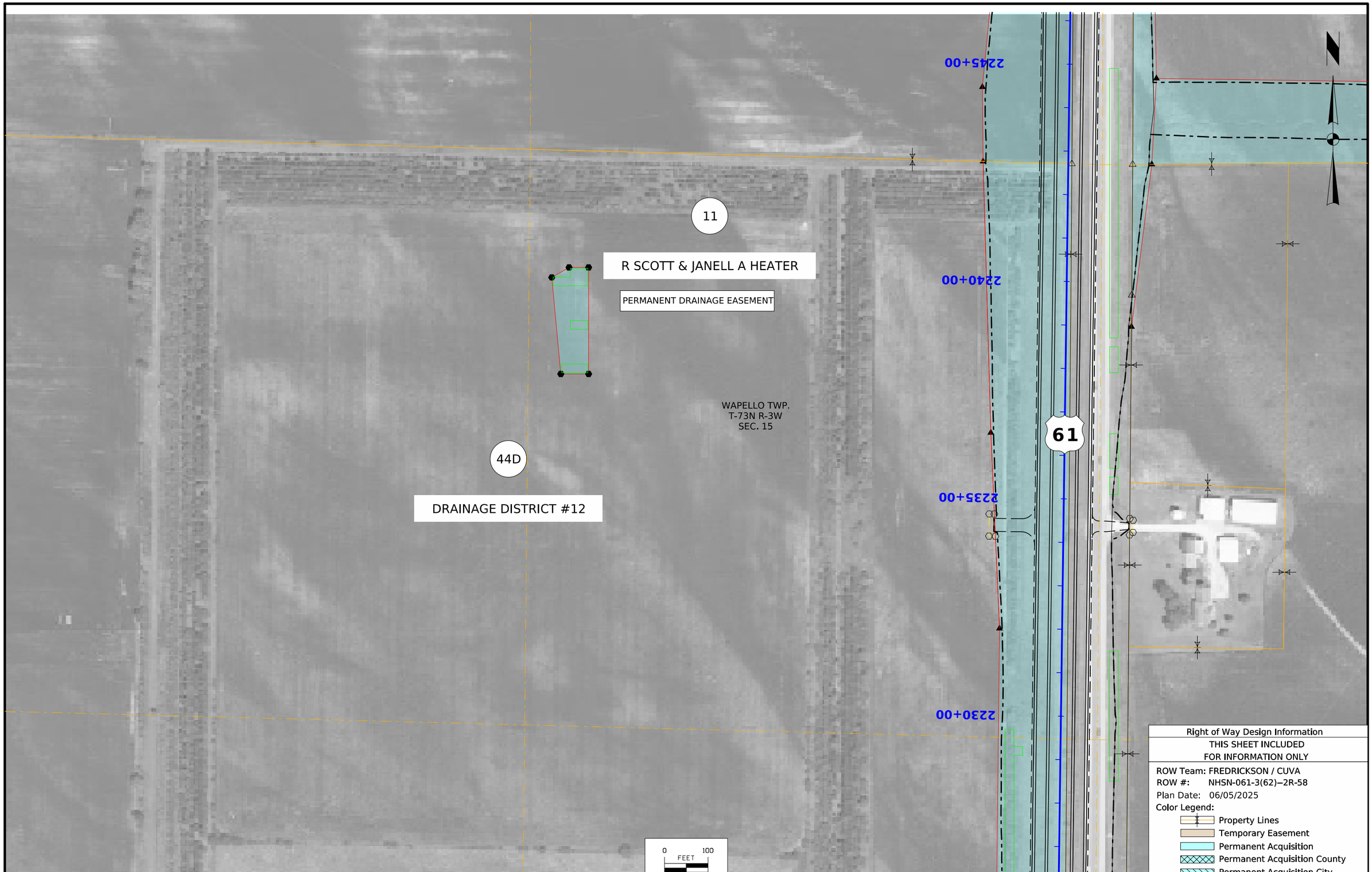

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.14

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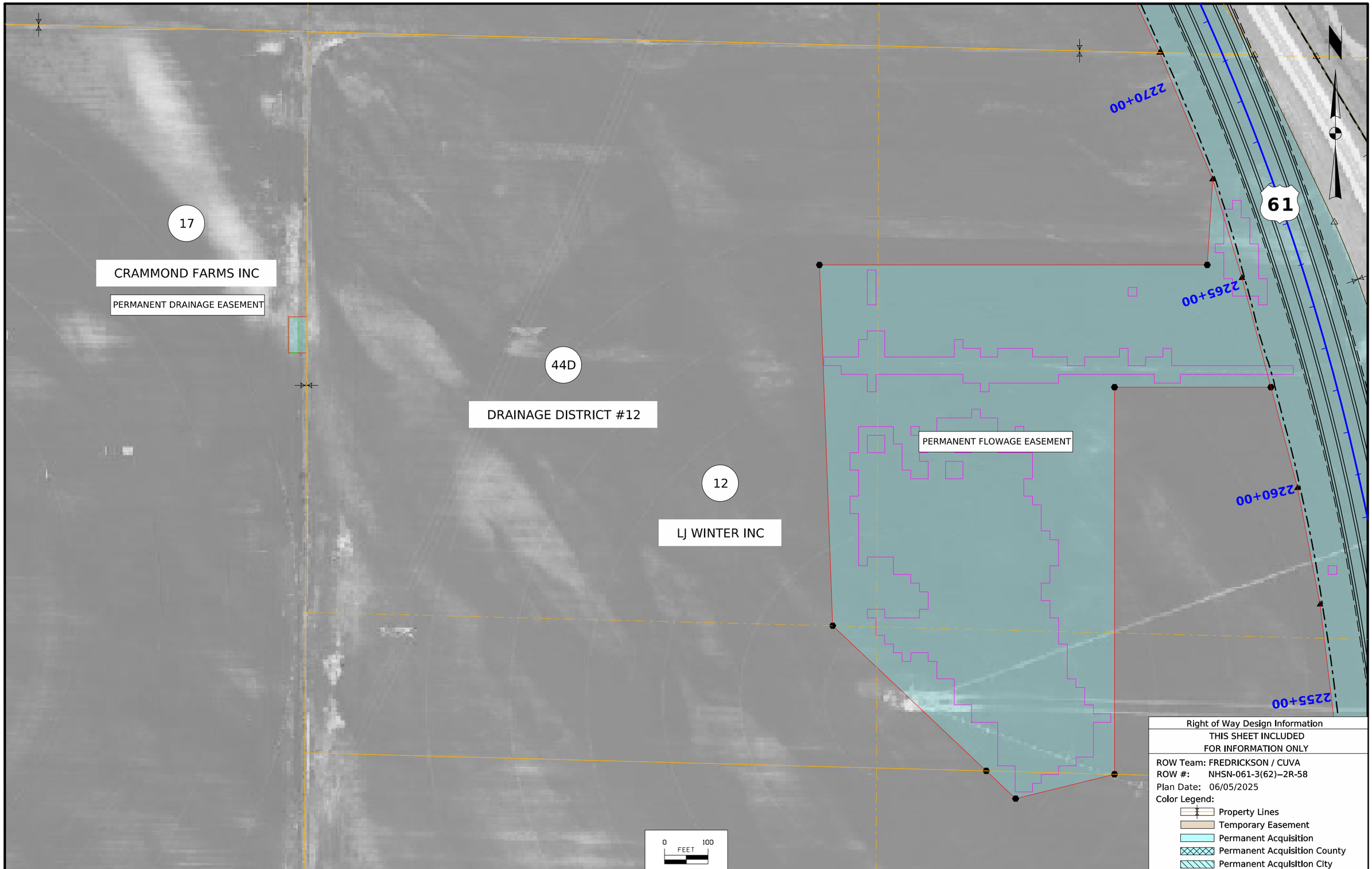

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.15

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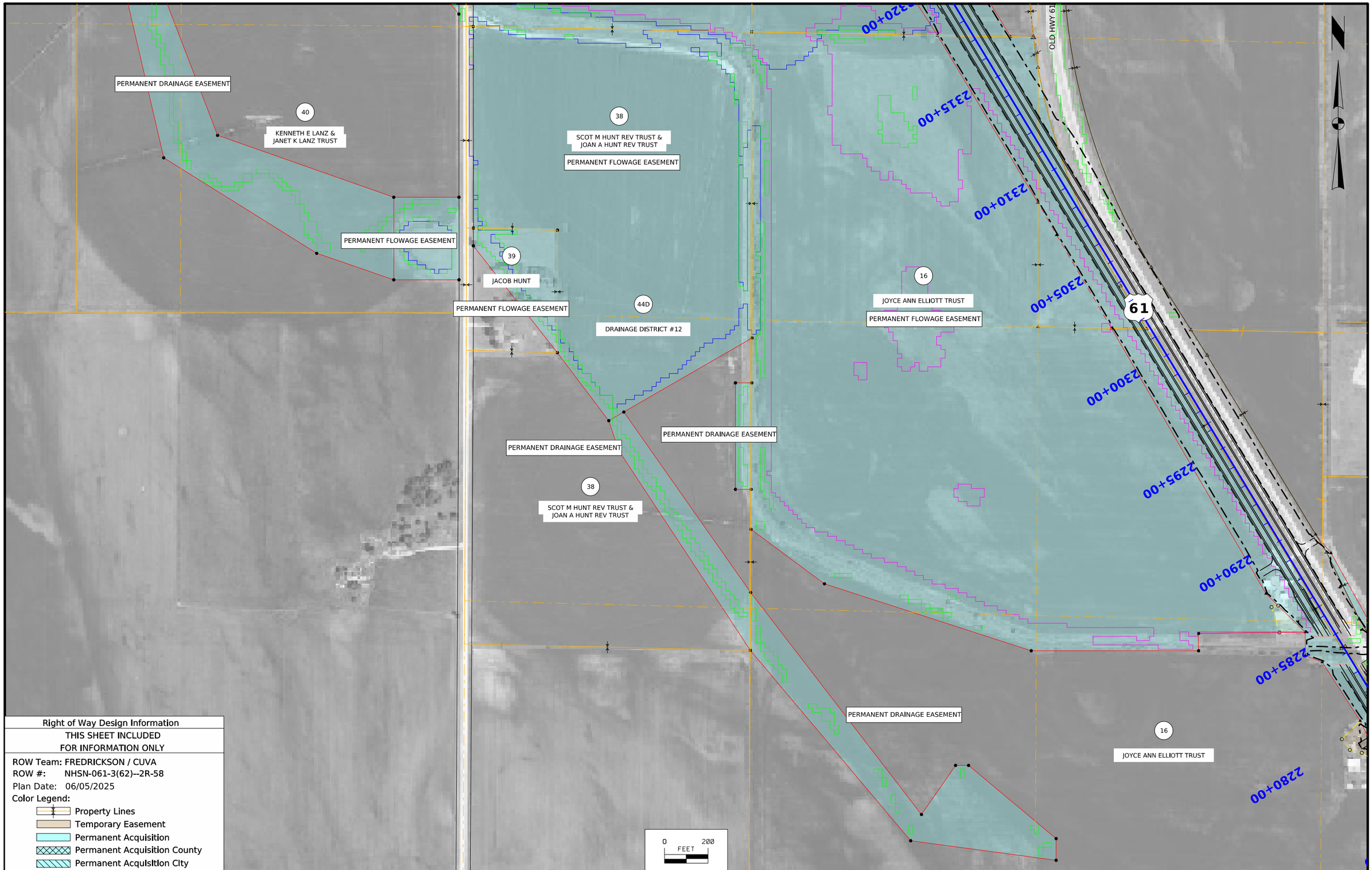

Right of Way Design Information

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FOR INFORMATION ONLY

ROW Team: FREDRICKSON / CUVA
ROW #: NHSN-061-3(62)--2R-58
Plan Date: 06/05/2025
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.16

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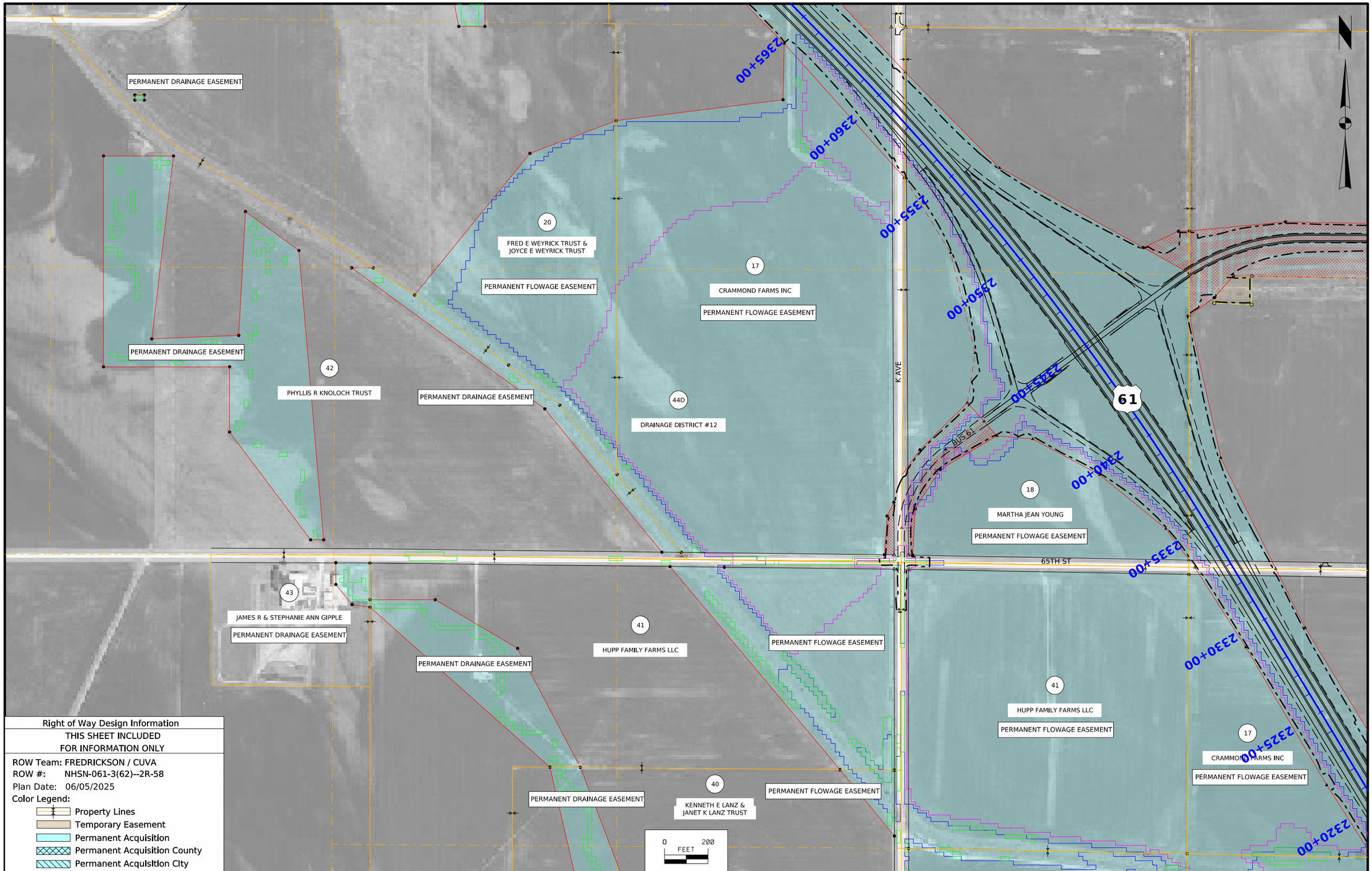

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.17

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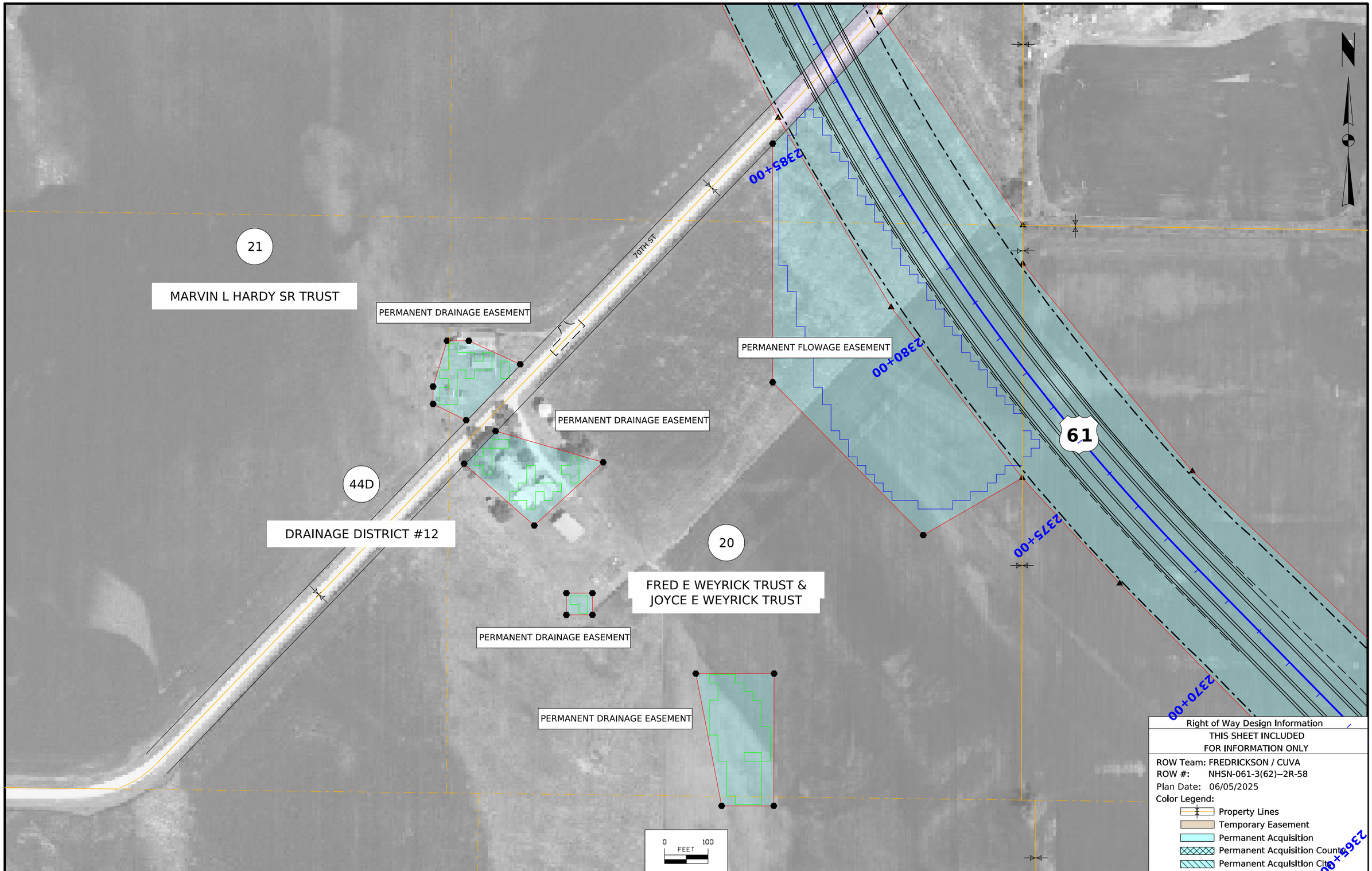

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.18

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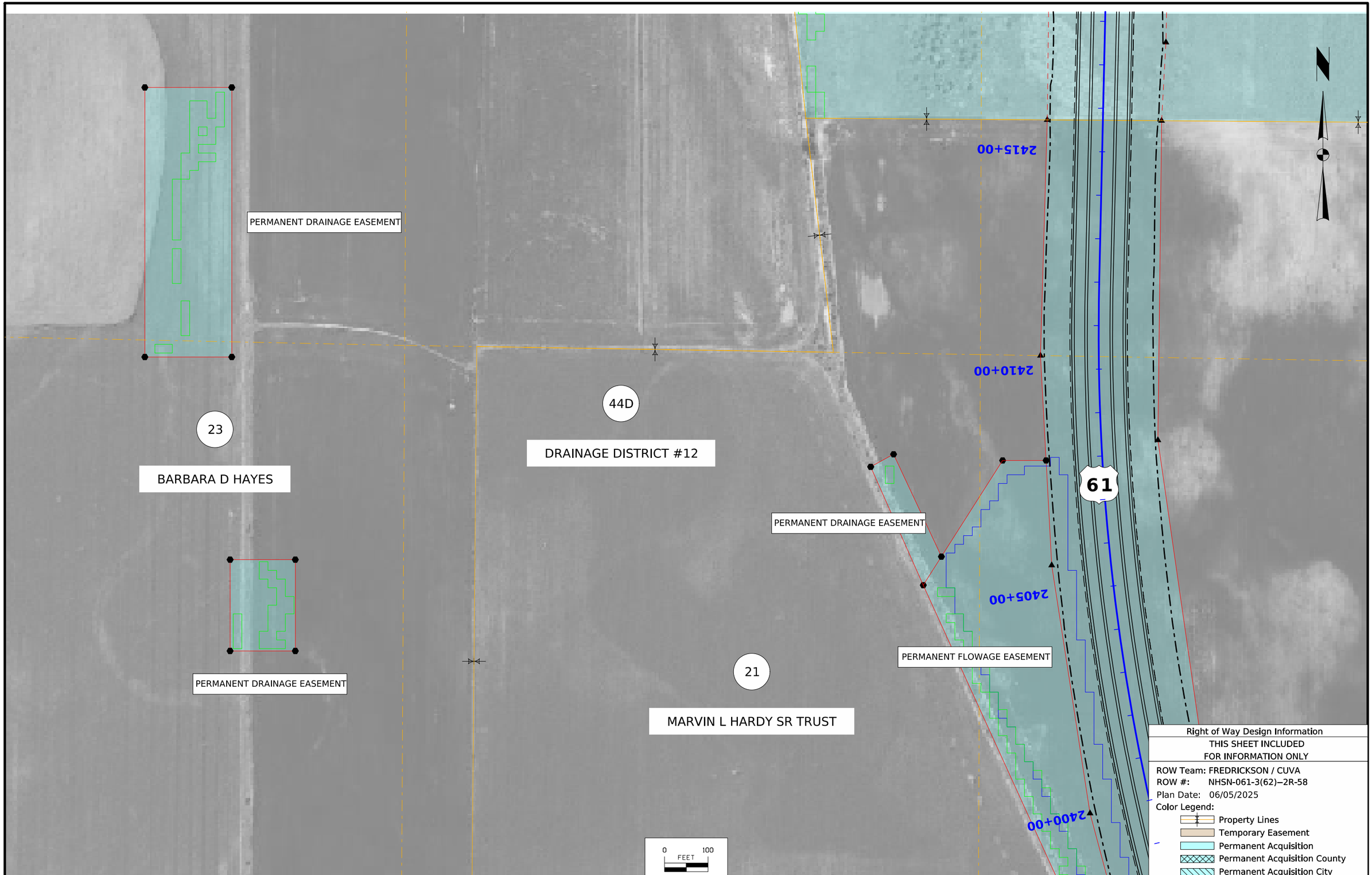

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.19

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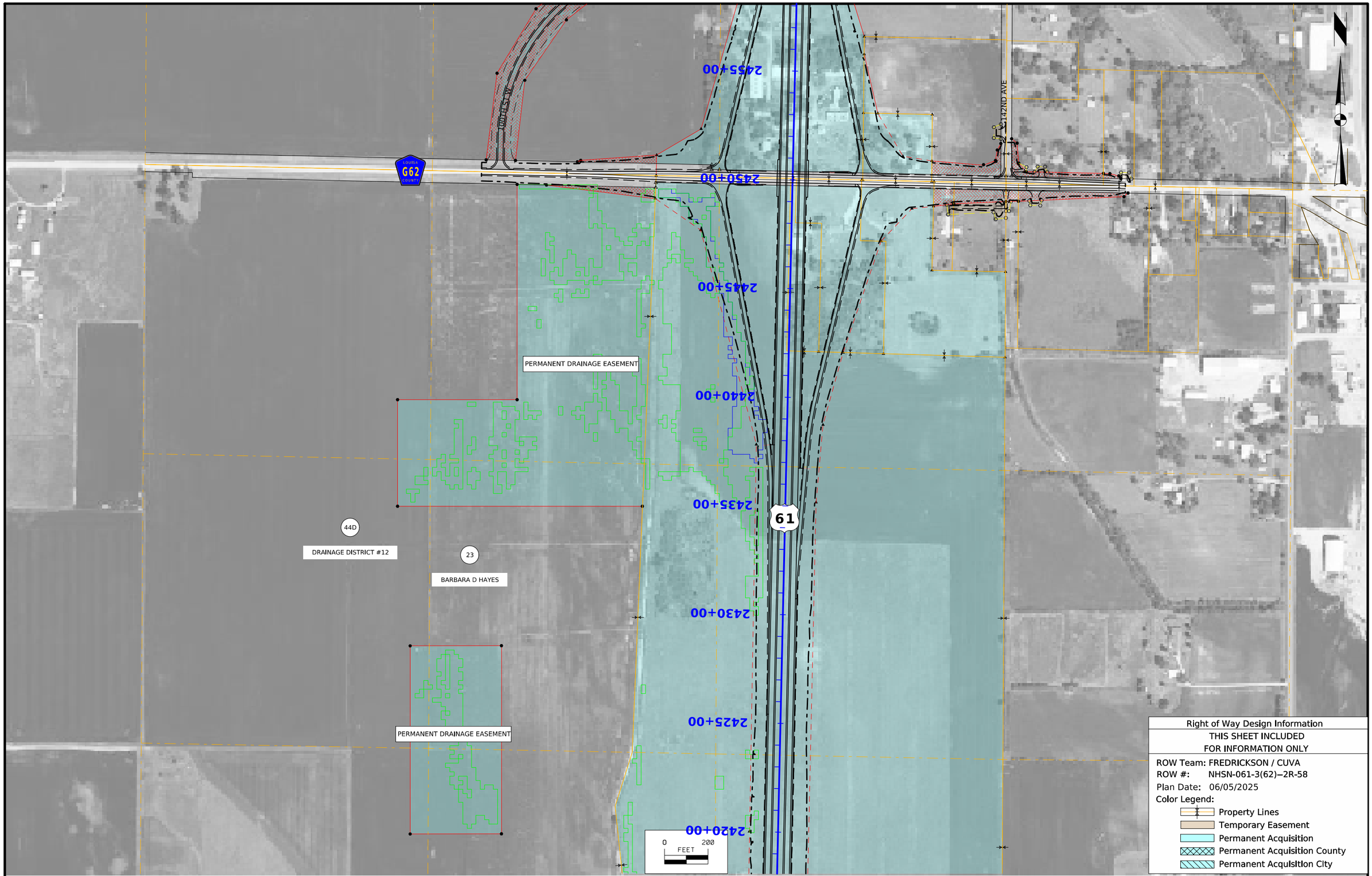


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jackson	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER HE.20

10:59:02 AM 9/5/2025 afredri pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\ROW\Flowage_Sheets_58061062.dgn

CROSS SECTION VIEW COLOR LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

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

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

Pavement Removal	Proposed Granular 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

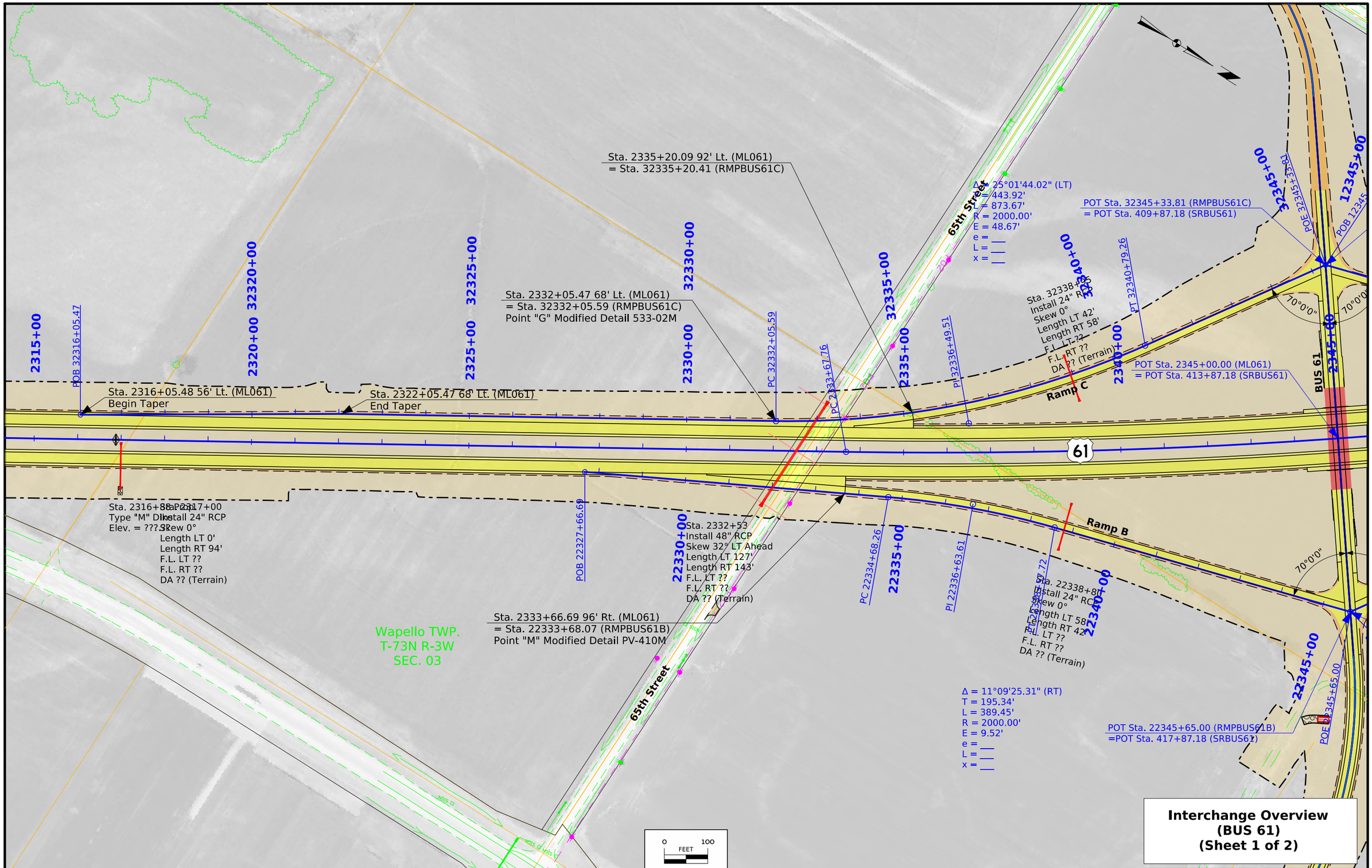
PLAN VIEW PATTERN AND SYMBOL LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

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

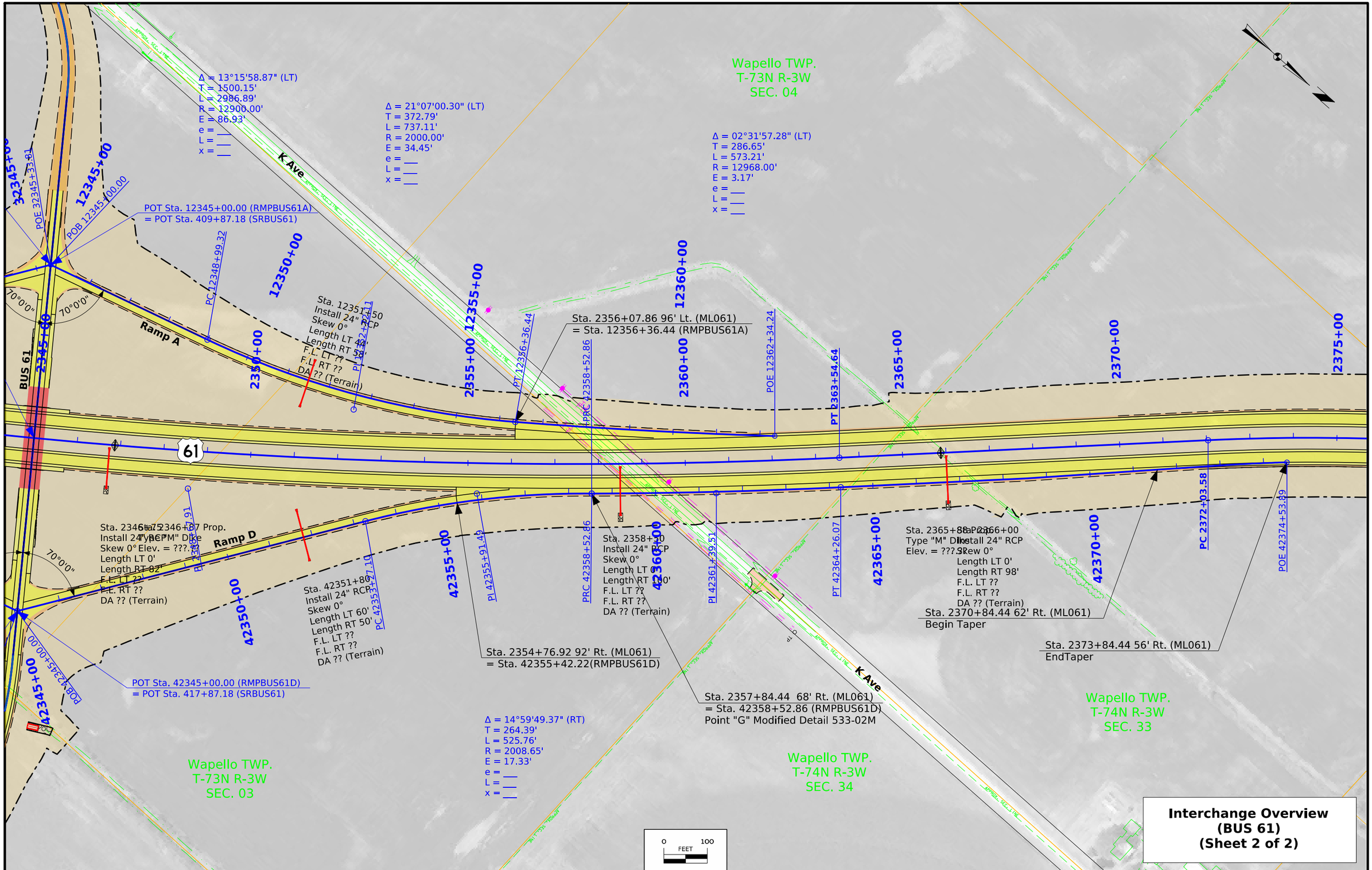
(COVERS SHEET SERIES J)



Interchange Overview
(BUS 61)
(Sheet 1 of 2)

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER K.1

9:18:45 AM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Sheet_Files\58061061Z14_K01.dgn



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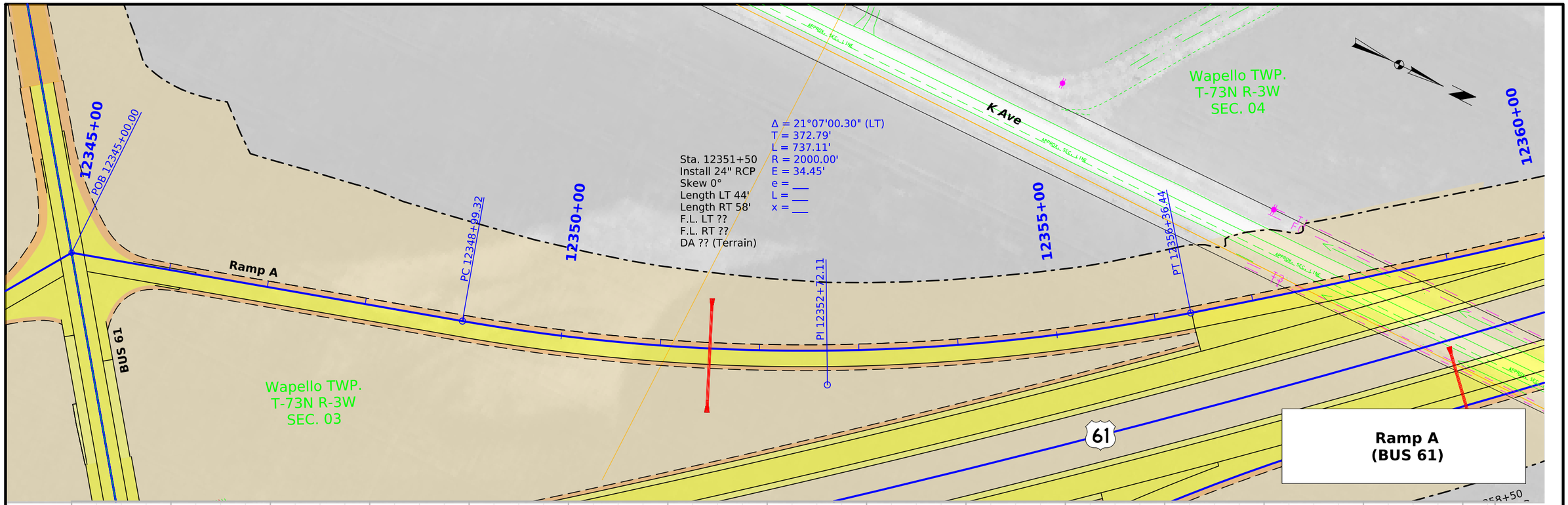

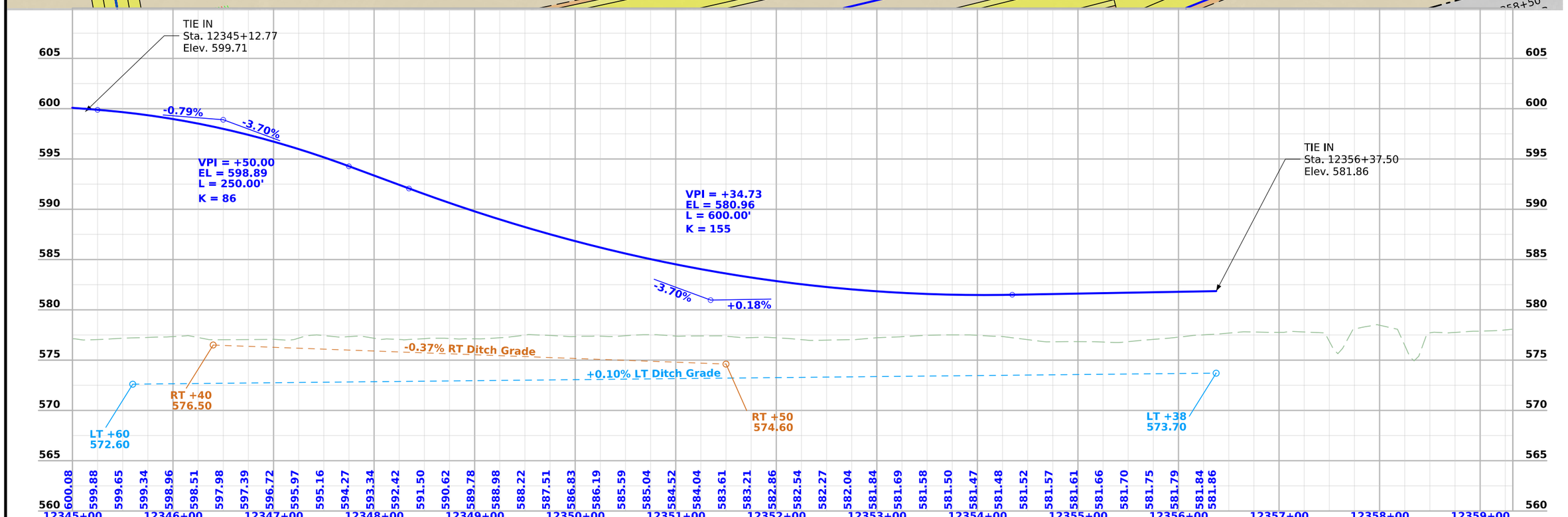

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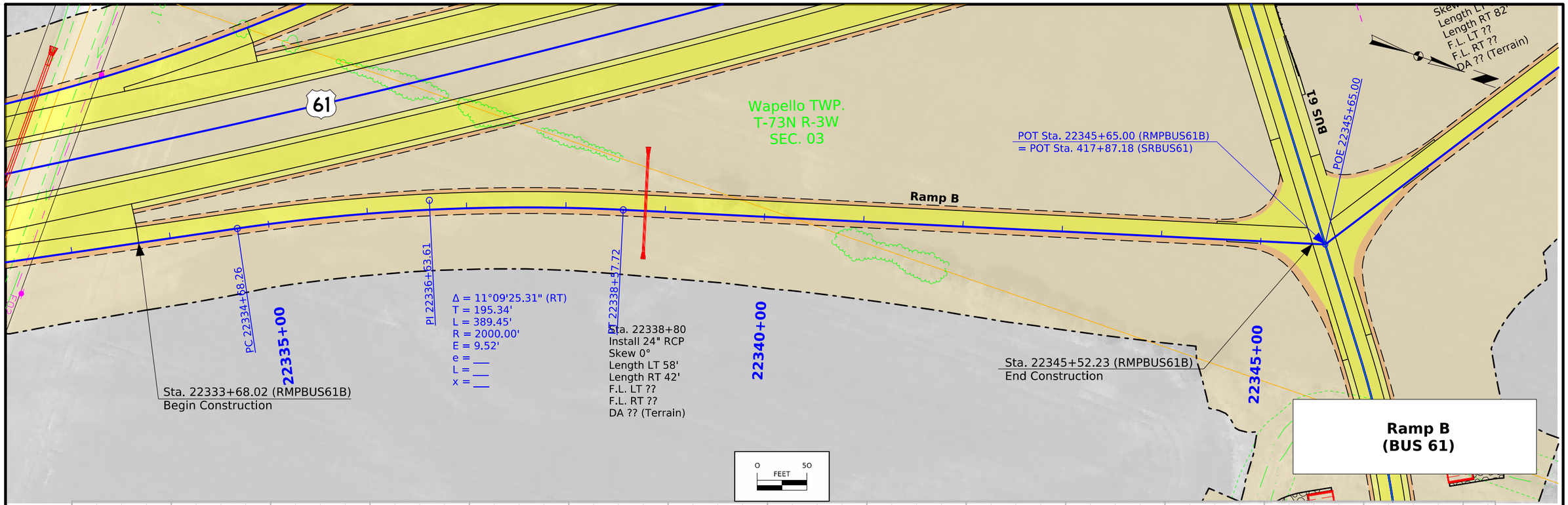

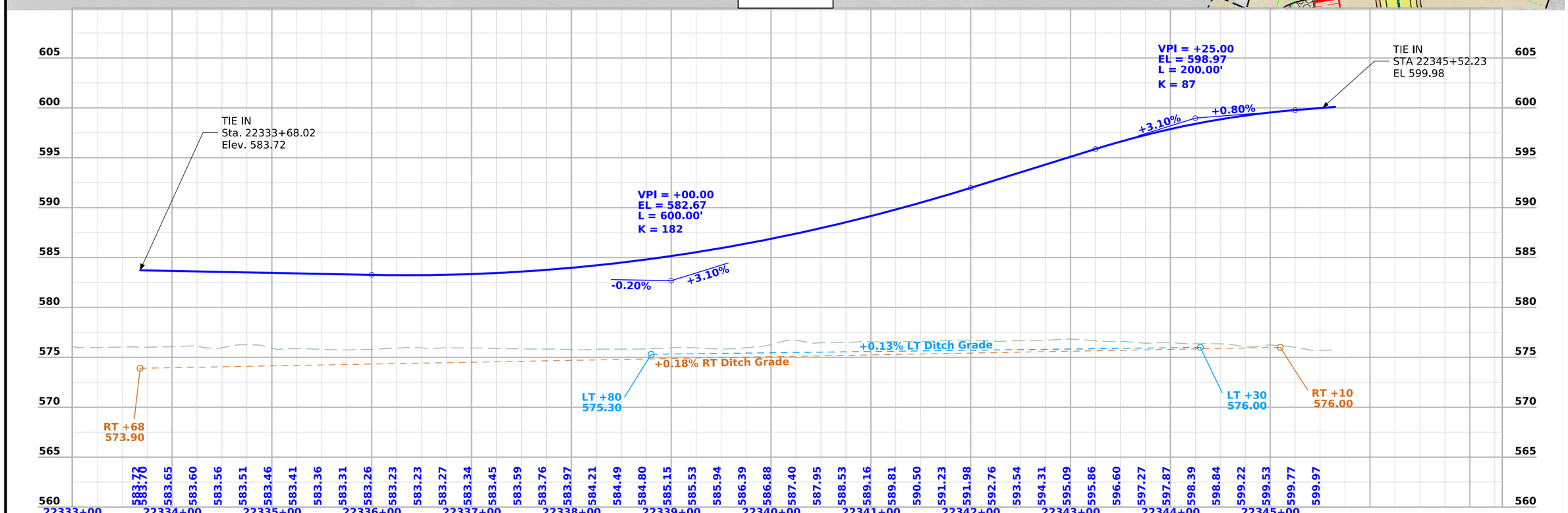

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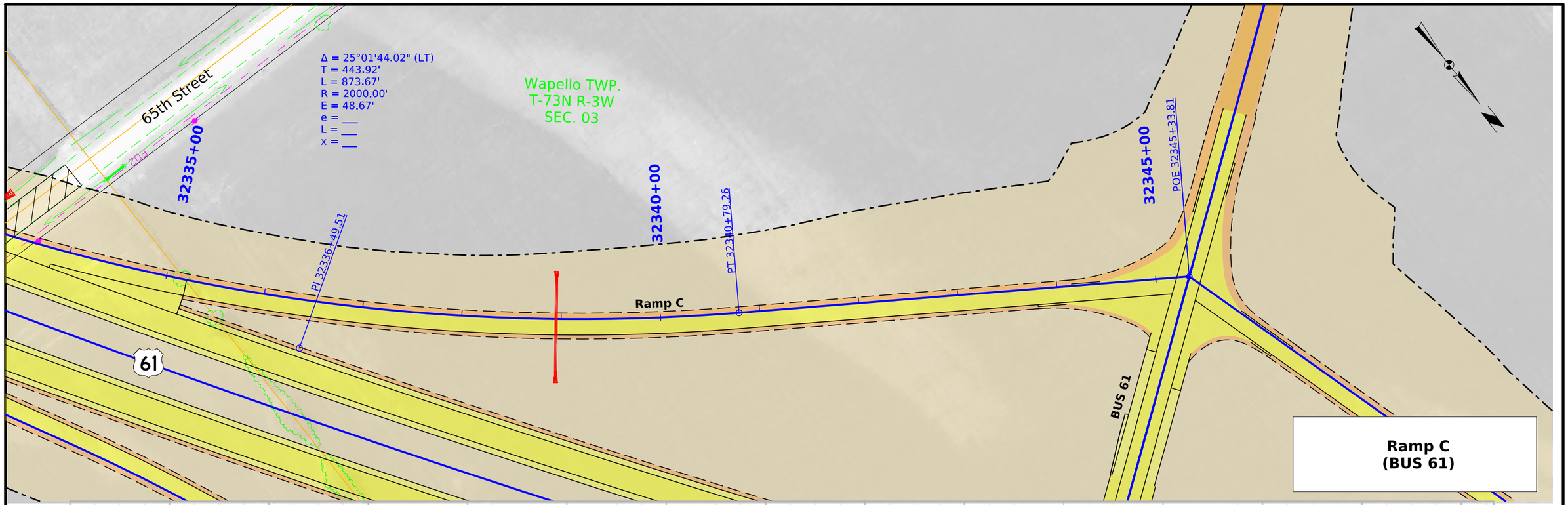

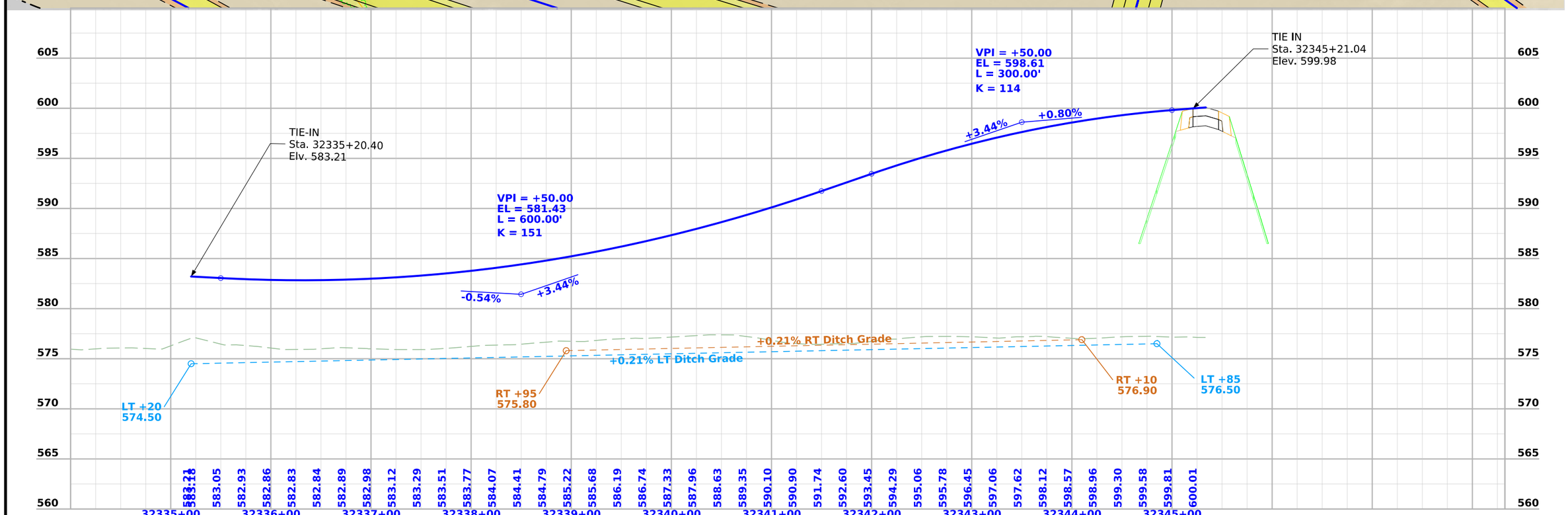

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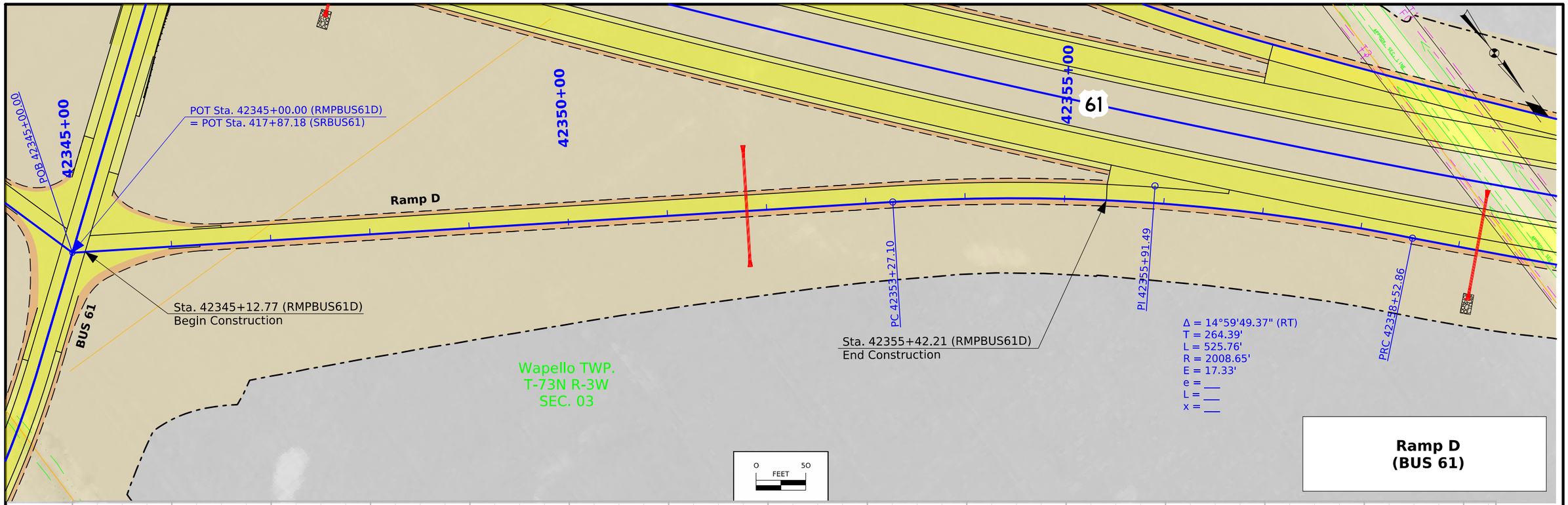

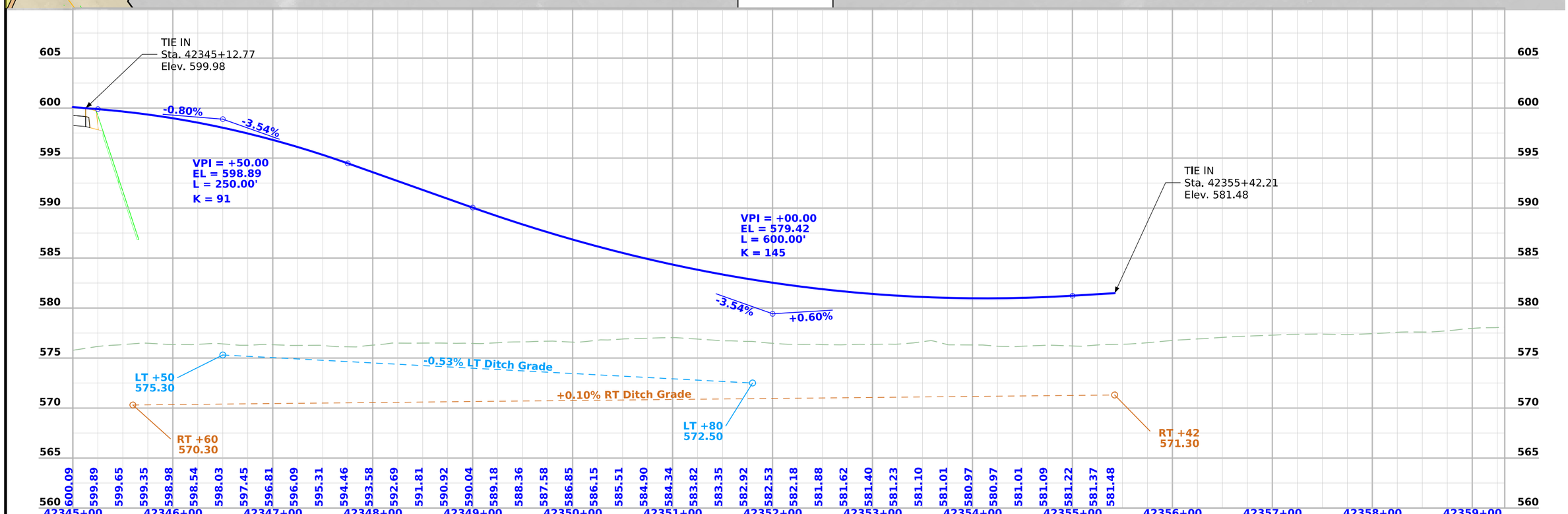

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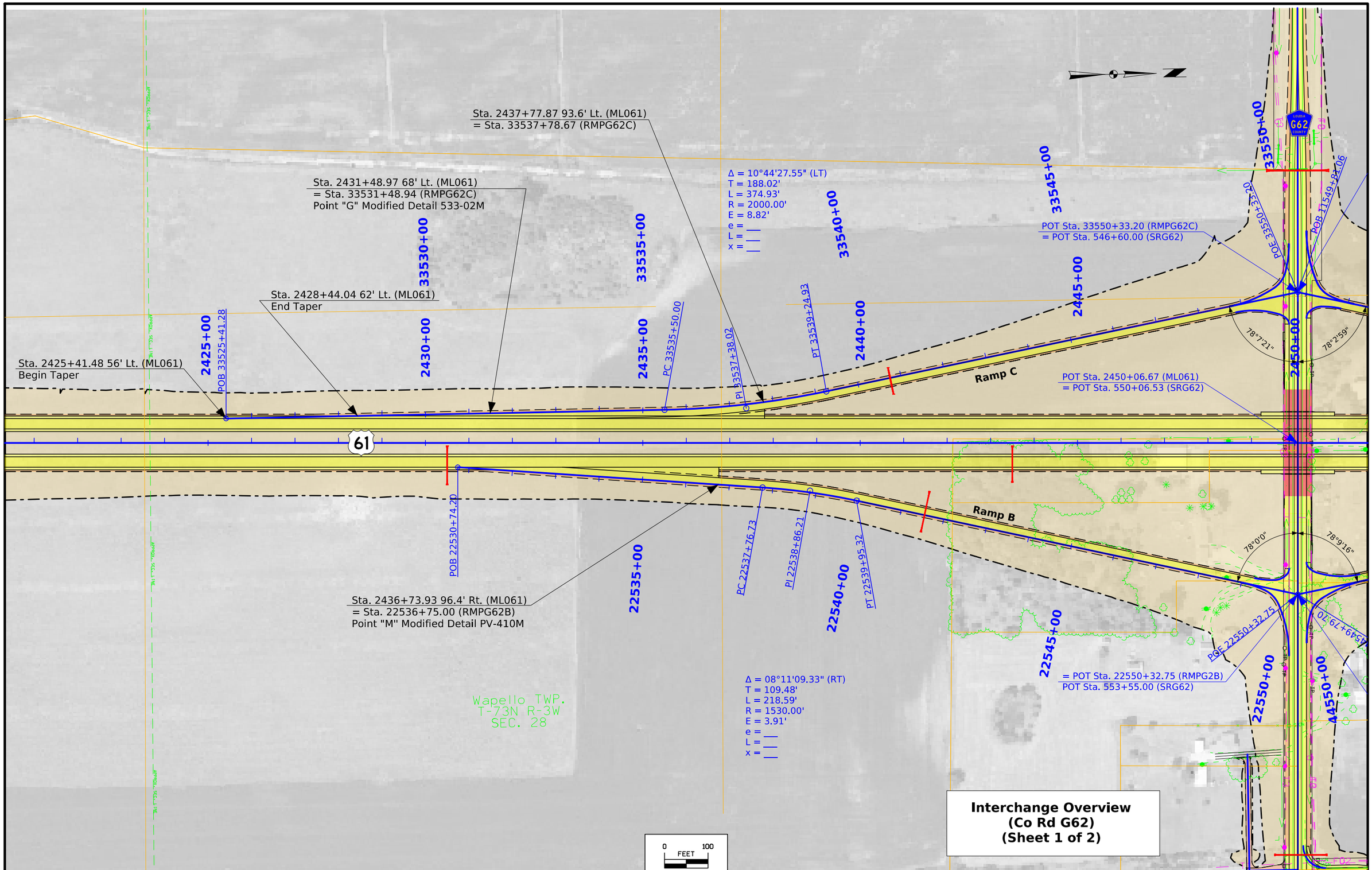

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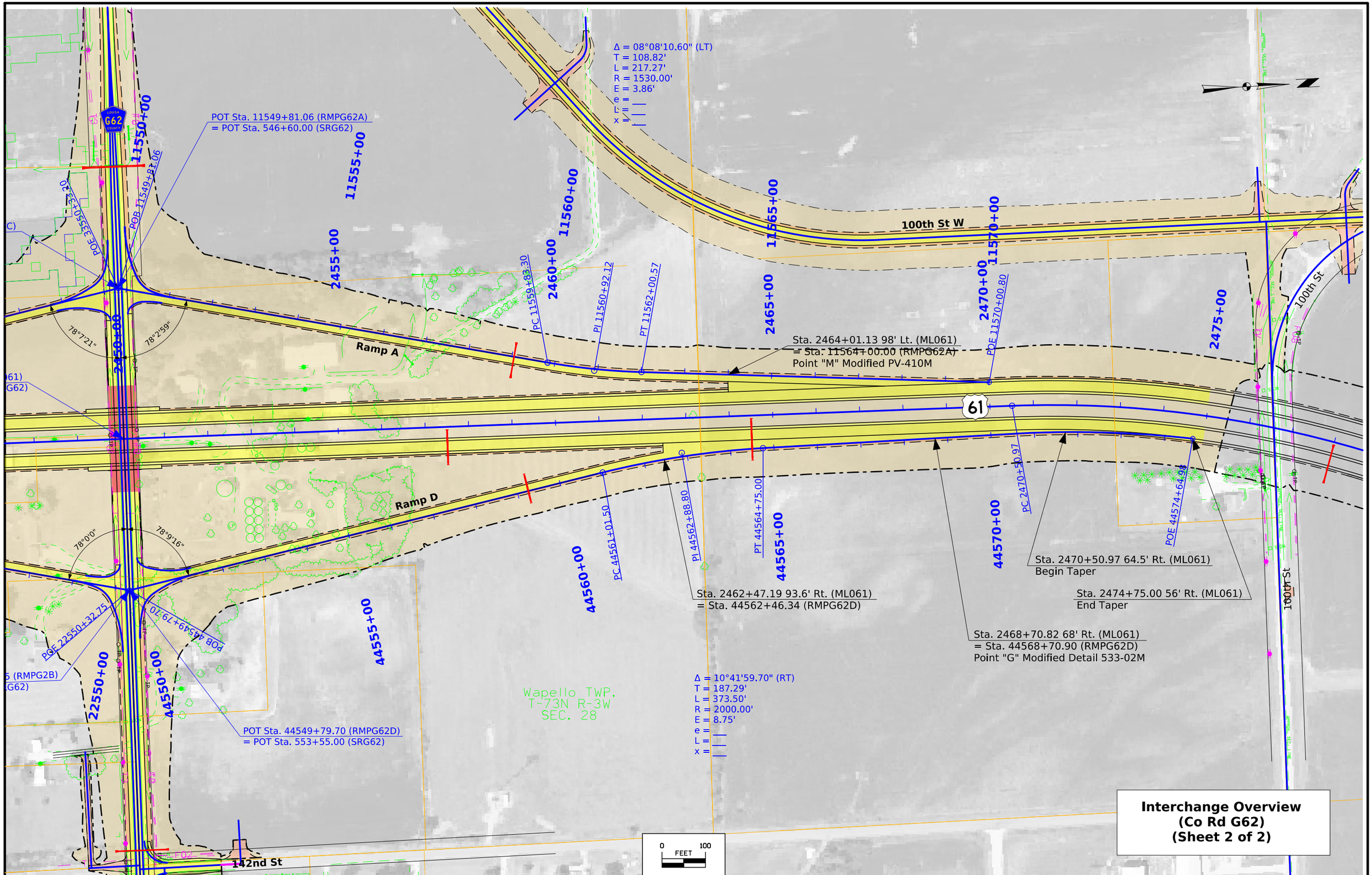

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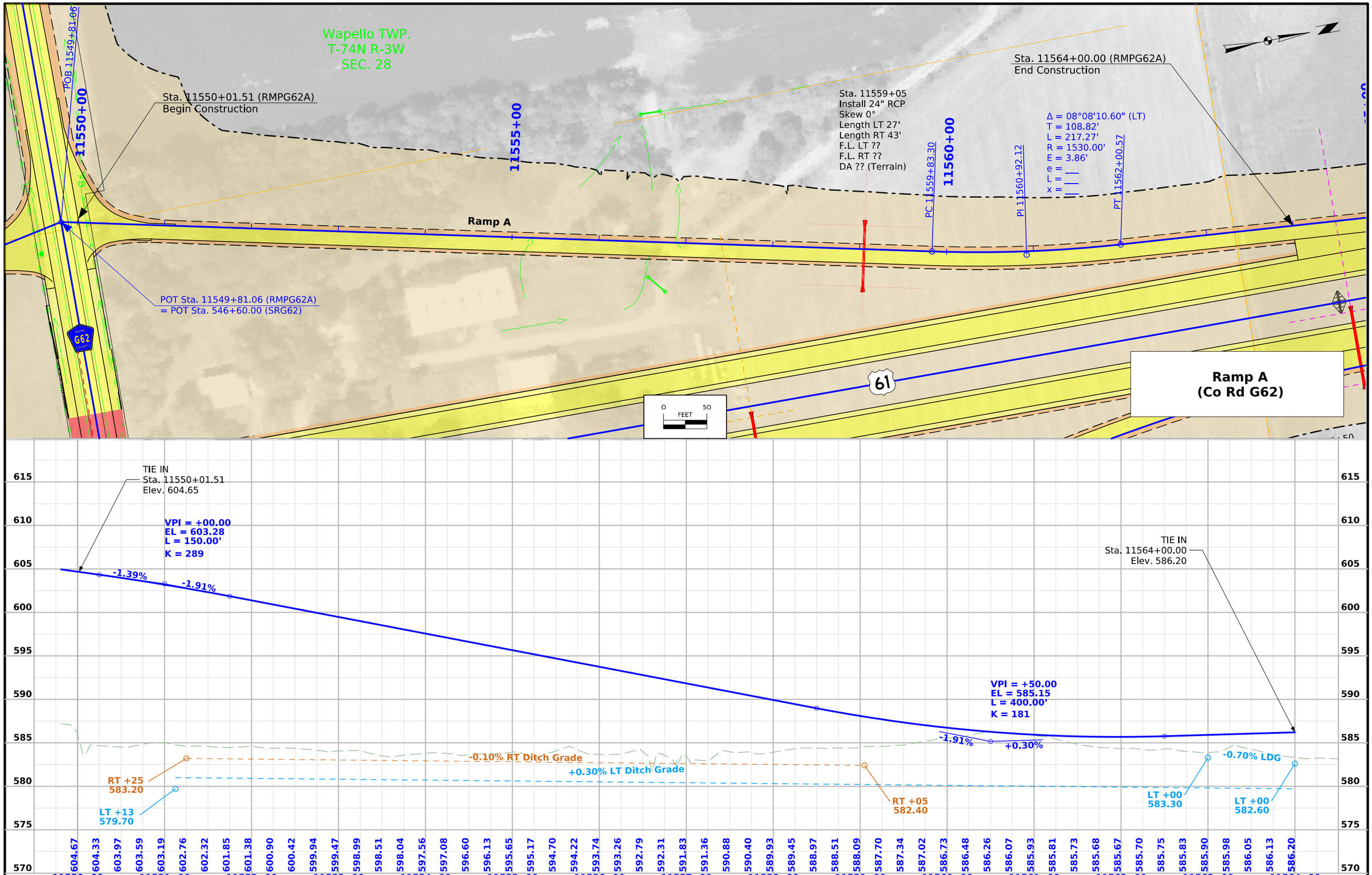

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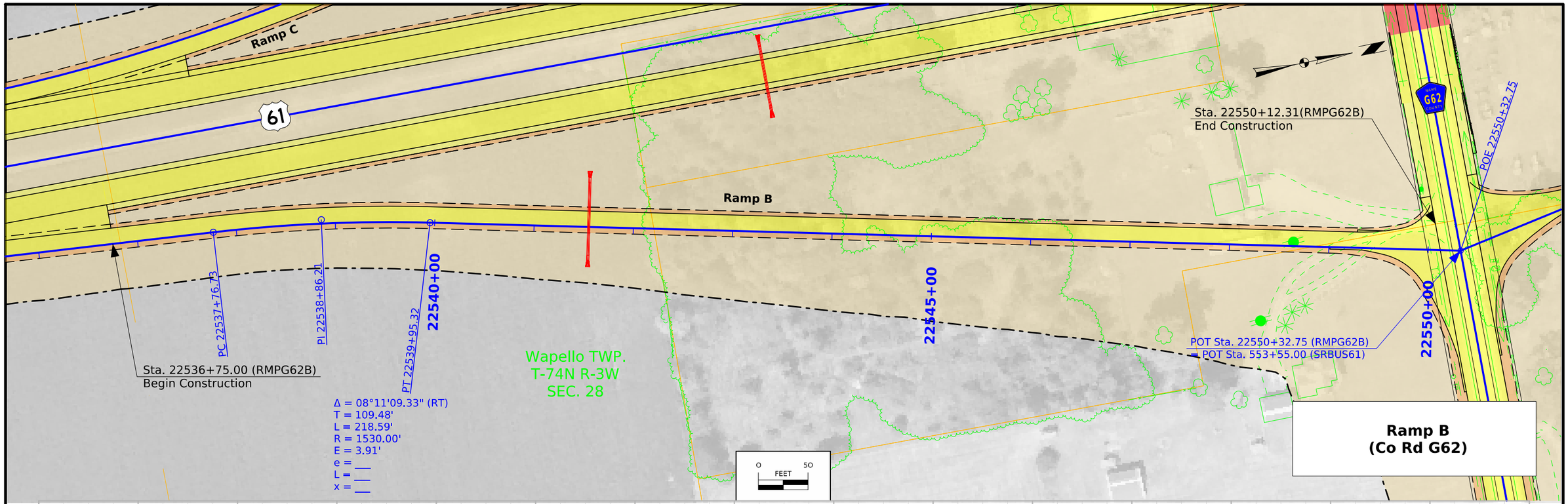

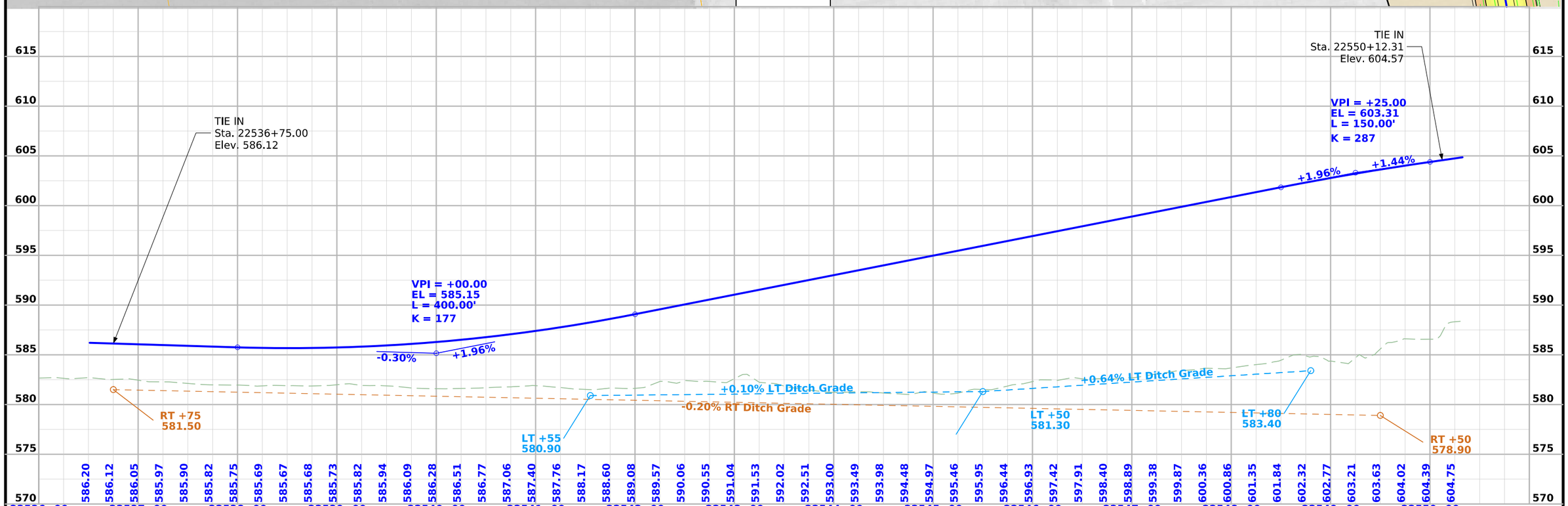

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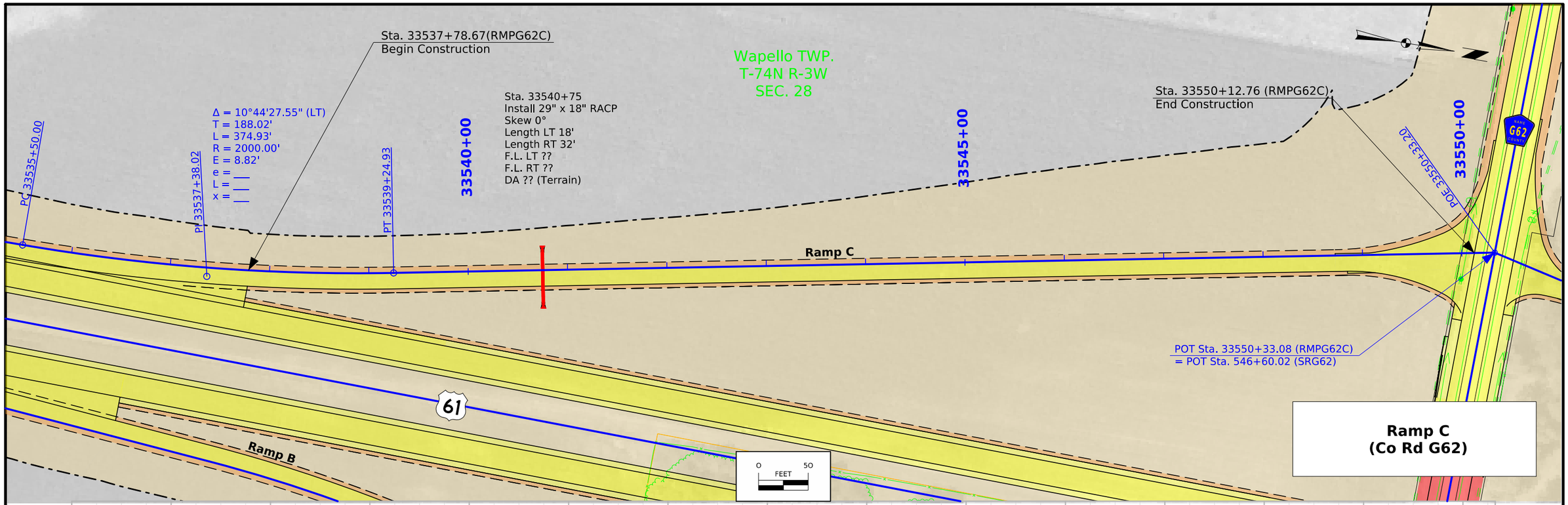

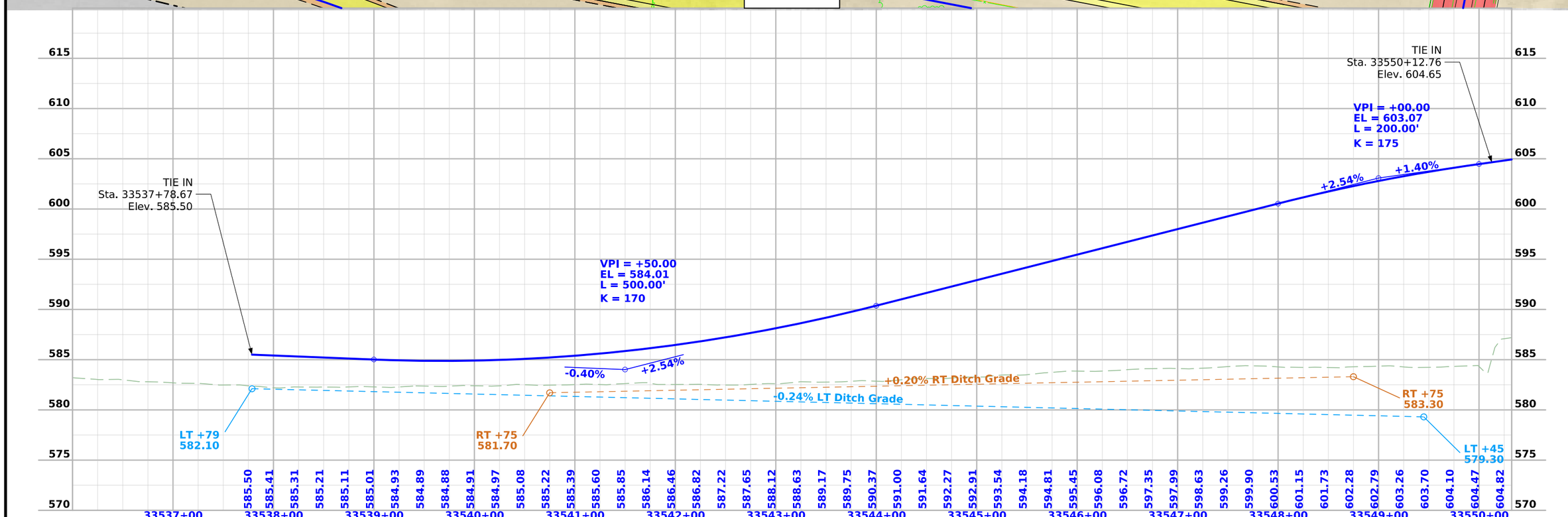

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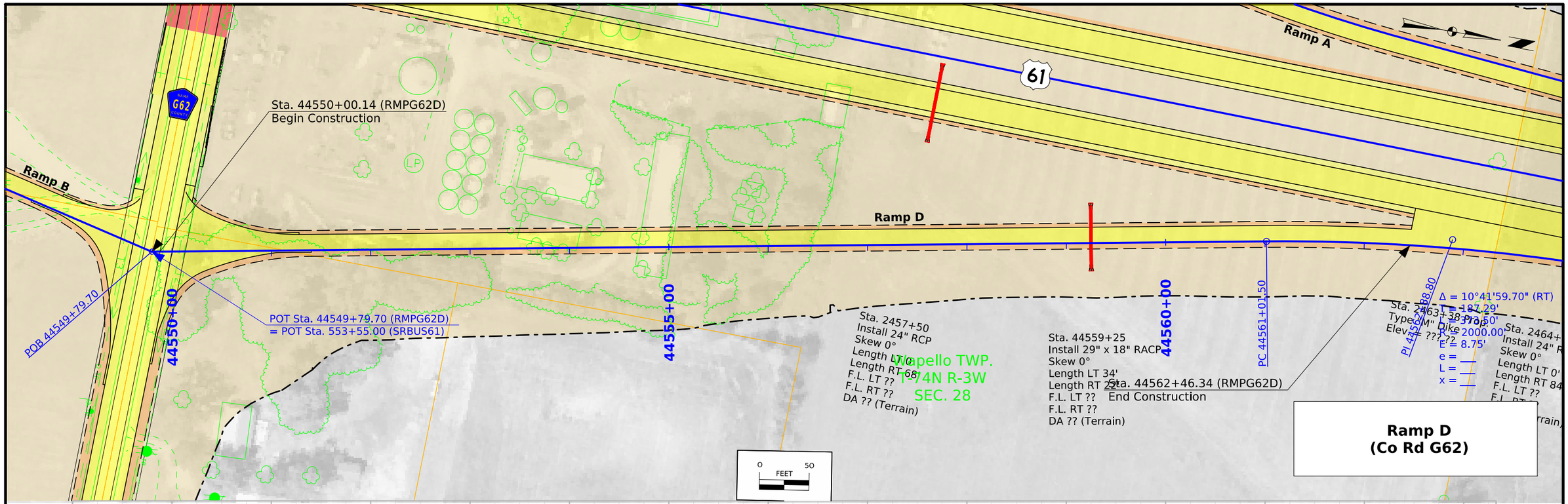

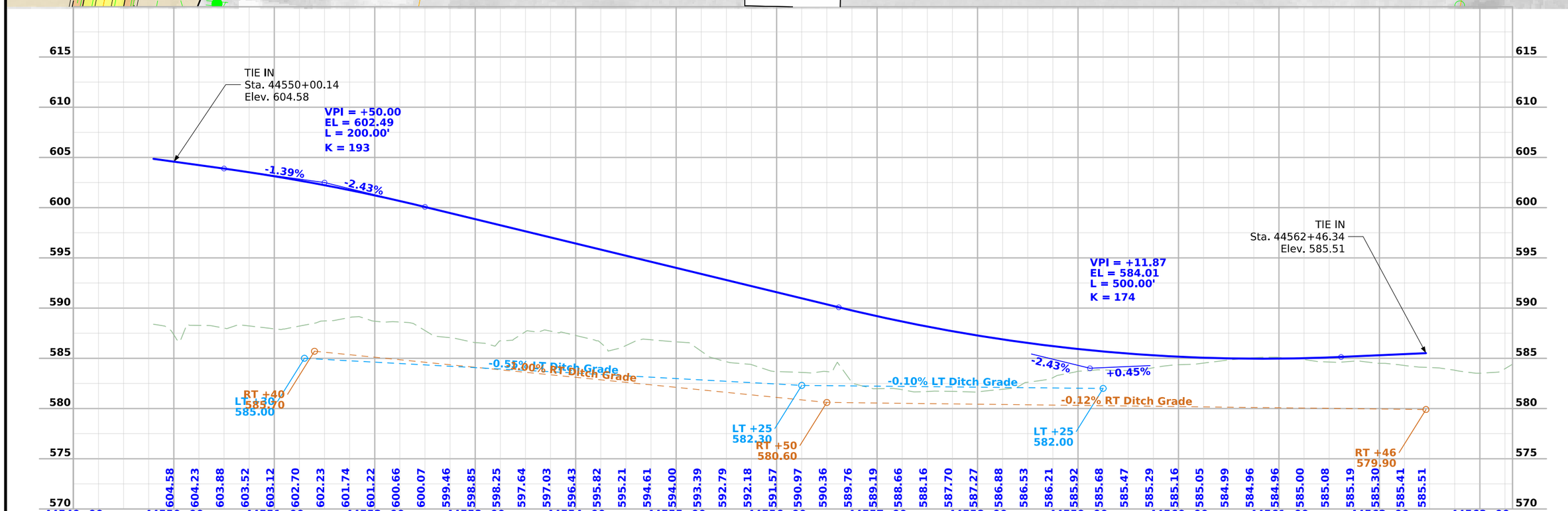

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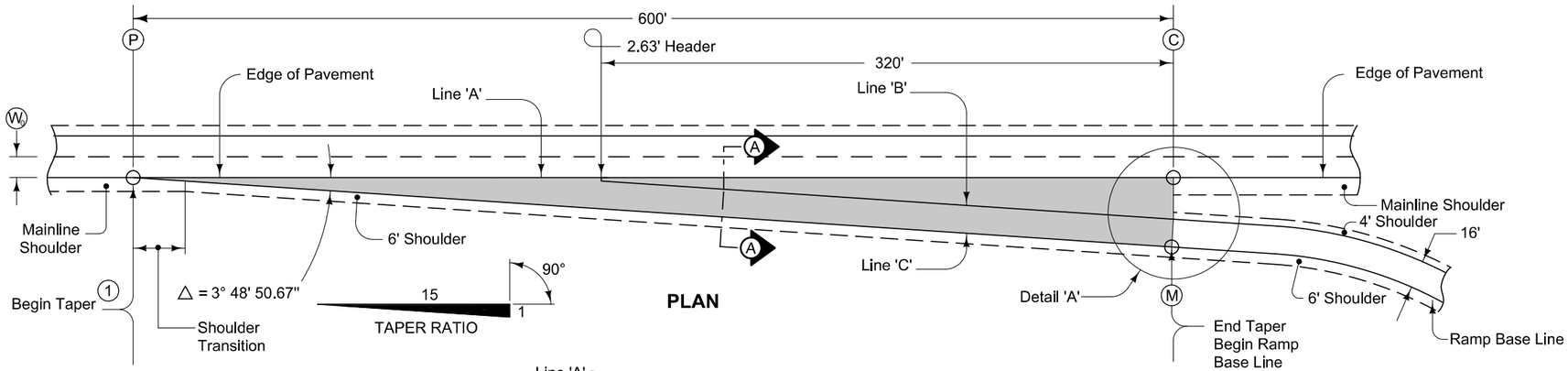
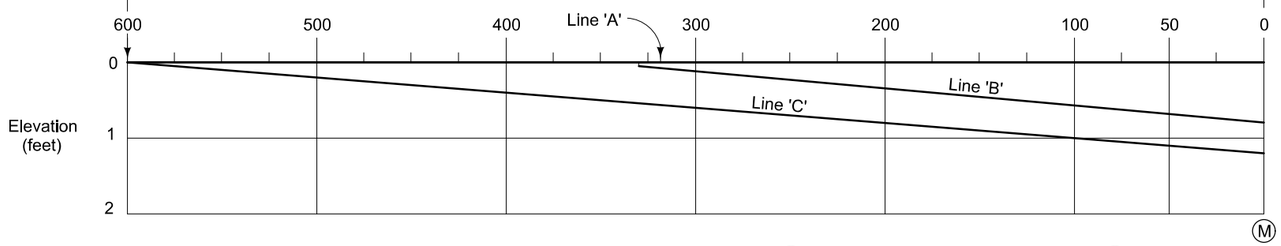


PLAN



NOTE: The algebraic difference between profile grade for Ramp Base Line at (M) and relative profile grade of Mainline at (C) is 0.2%.

PROFILE

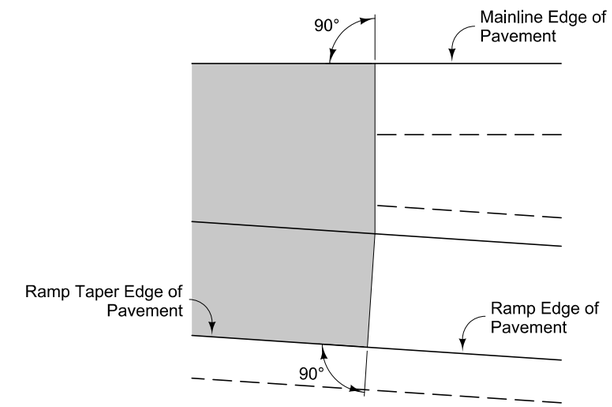
Construct ramp exit pavement the same thickness as mainline pavement.

Ramp exit pavement shown by shaded area is 1332 square yards.

For joint details, see PV-101.

(1) For header construction details at the beginning of taper, see Typical 7101 or Typical 7102.

(2) Construct subbase for ramp exit pavement the same thickness as mainline subbase.

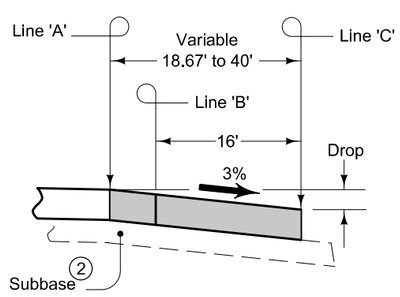


DETAIL A

(C)

TABLE OF OFFSETS AND DROPS FOR 16' RAMP TAPER																										
DISTANCE FROM POINT (C) ALONG LINE 'A' (Ft.)		600	575	550	525	500	475	450	425	400	375	350	320	300	275	250	225	200	175	150	125	100	75	50	25	0
From Line 'A' To Line 'B'	OFFSET (Ft.)																									
	SLOPE (%)												← Constant 3.0% Slope →													
	DROP (Ft.)																									
From Line 'B' To Line 'C'	OFFSET (Ft.)												← Constant 16' Offset →													
	SLOPE (%)												← Constant 3.0% Slope →													
	DROP (Ft.)																									
From Line 'A' To Line 'C'	OFFSET (Ft.)																									
	SLOPE (%)	← Constant 3.0% Slope →																								
	DROP (Ft.)																									

(M)



SECTION A-A

TABLE OF SHOULDER TRANSITION LENGTHS			
W_o	Shoulder Width beyond Edge of Mainline Pavement		
	8'	10'	12'
12'	NA	60'	90'

NOTE: W_o is the width of the outside lane to the Edge of Pavement.

MODIFIED

STANDARD ROAD PLAN

REVISION	
7	04-21-20

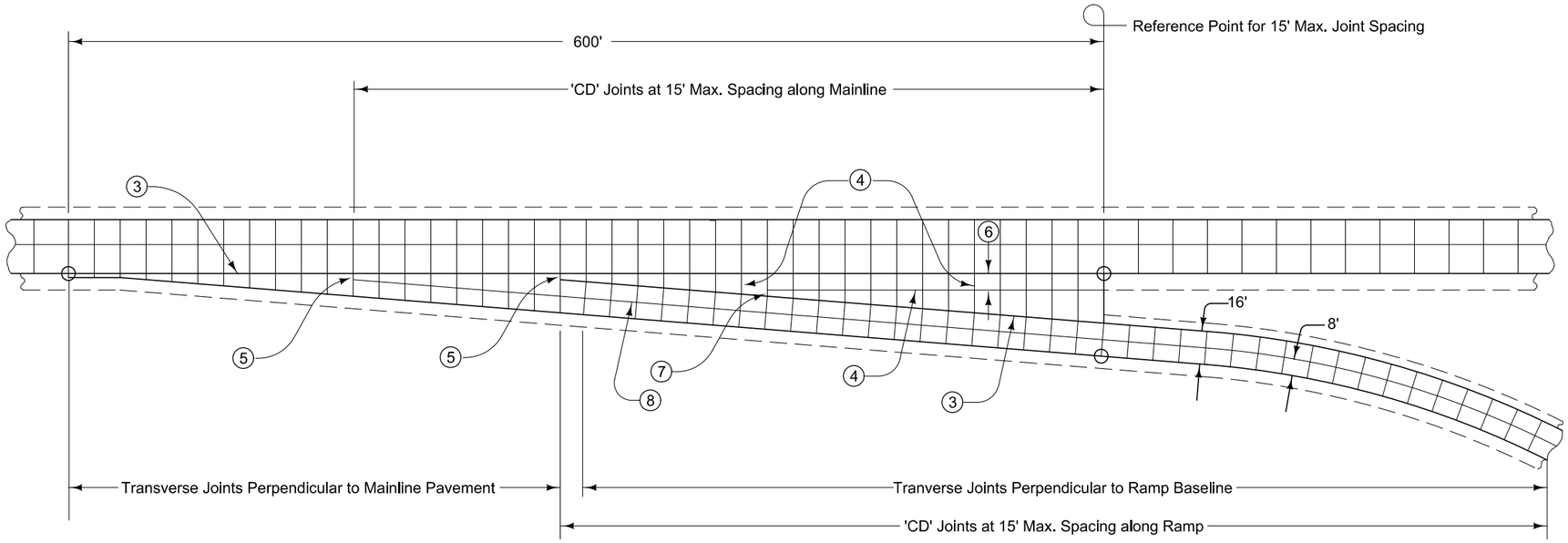
PV-410M

SHEET 1 of 2

MODIFICATIONS: XXX

DECELERATION TAPER FOR 16' RAMP (BUS 61 Ramp A)

FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **K.4**



16' EXIT RAMP

③ 'BT-2' or 'KT-2' Joint.

④ 'C' Joint.

⑤ 'B' Joint. 2' minimum. 4' maximum.

⑥ 10' minimum or equal to mainline shoulder width.

⑦ 'B' or 'C' Joint. 2' minimum. 4' maximum.

⑧ 'L-2' Joint.

MODIFIED
STANDARD ROAD PLAN

REVISION	
7	04-21-20

PV-410M

SHEET 2 of 2

MODIFICATIONS: XXX

DECELERATION TAPER
FOR 16' RAMP
(BUS 61 Ramp A)

FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **K.5**

CROSS SECTION VIEW COLOR LEGEND

Design Color No.	Feature
Aggregate	
(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	
(207)	HMA Base Course
(207)	HMA Interim Course
(207)	HMA Surface Course
Bridge	
(0)	Bridge
Concrete	
(0)	Barrier Concrete
(0)	Barrier Concrete Footing
(0)	Curb Gutter
(48)	Flowable Mortar
(0)	Median Concrete
(0)	PCC Pavement
(0)	Sidewalk
Existing	
(0)	Existing Pavement
Shoulder	
(209)	Shoulder HMA
(0)	Shoulder PCC
(6)	Shoulder Granular
Structural	
(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

Design Color No.	Feature
Grading	
(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	
(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	
(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

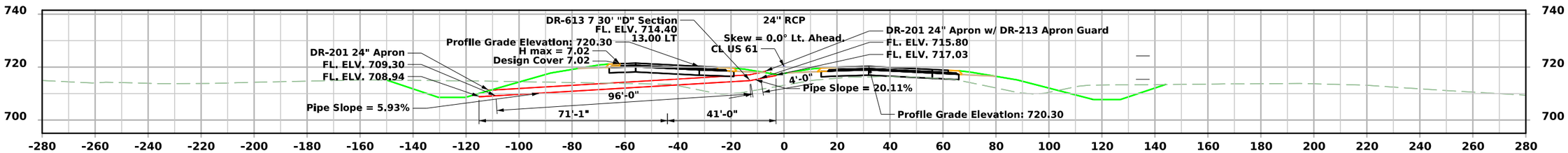
NOTES:

Text

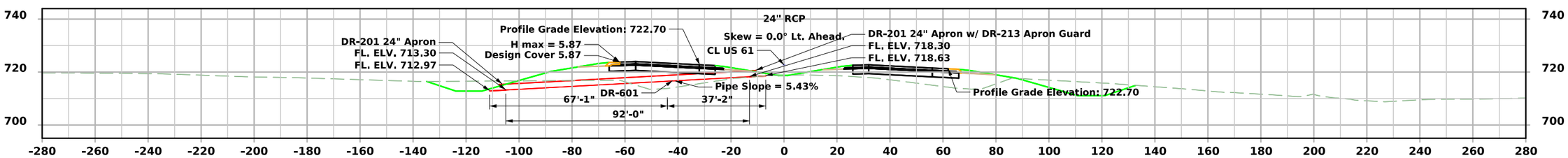
CROSS SECTIONS
LEGEND AND INFORMATION SHEET

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

ML - US 61



STA 2135+50.00



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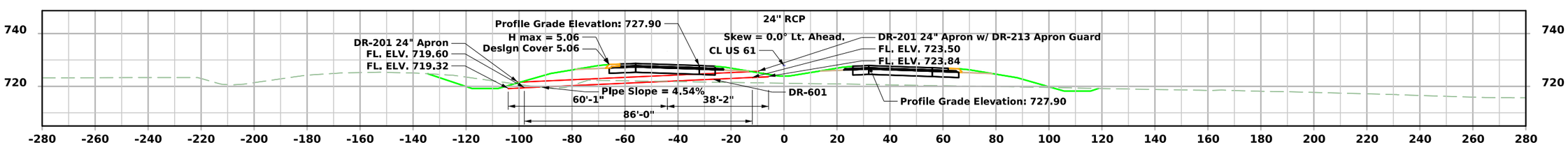

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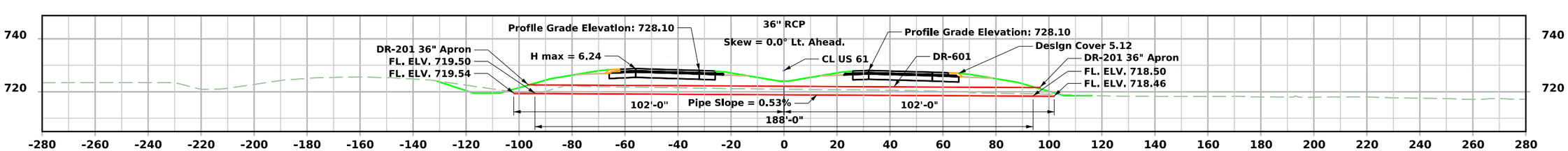
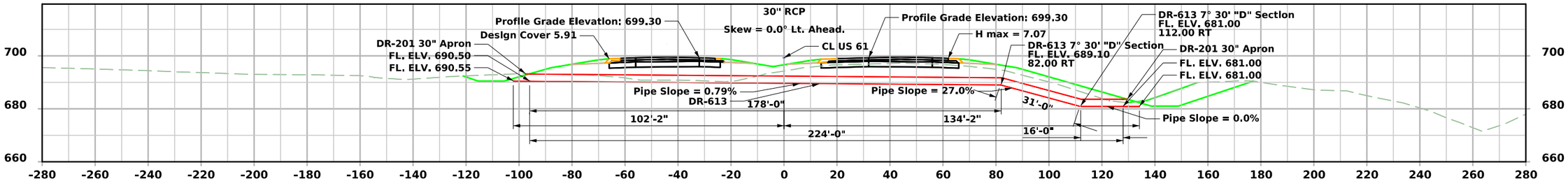


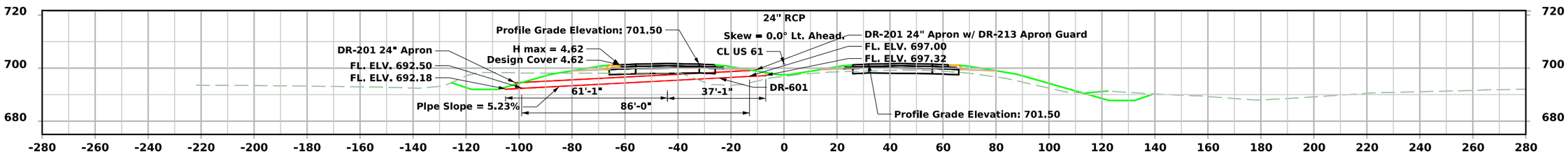
STA 2125+75.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VW.1

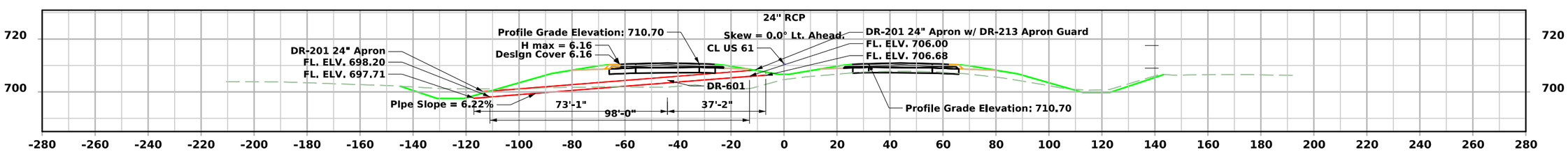
ML - US 61



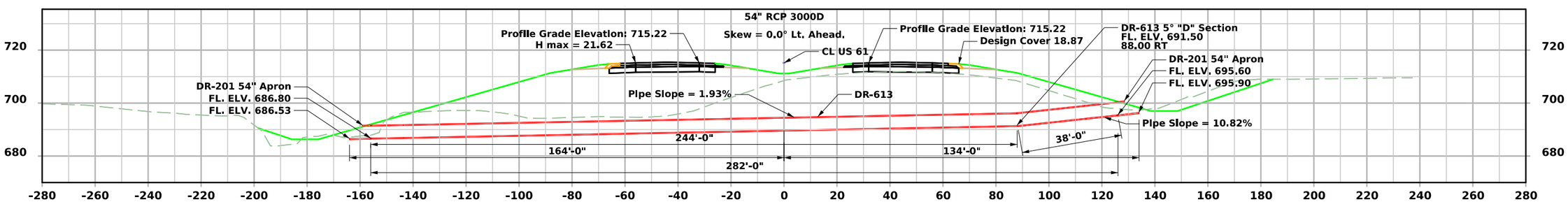
STA 2161+75.00



STA 2159+00.00



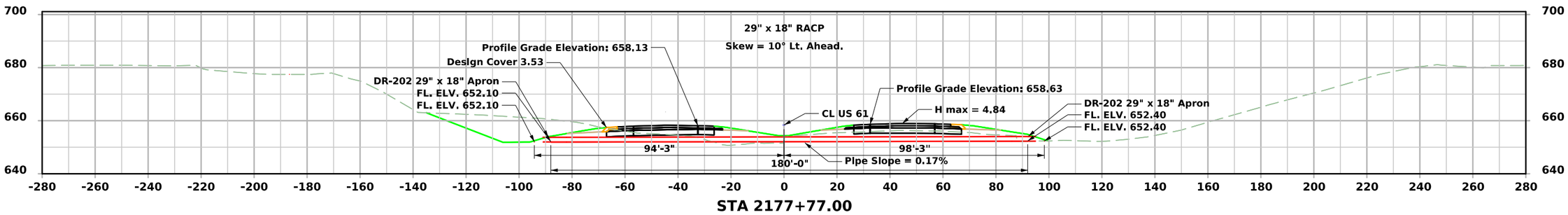
STA 2147+50.00



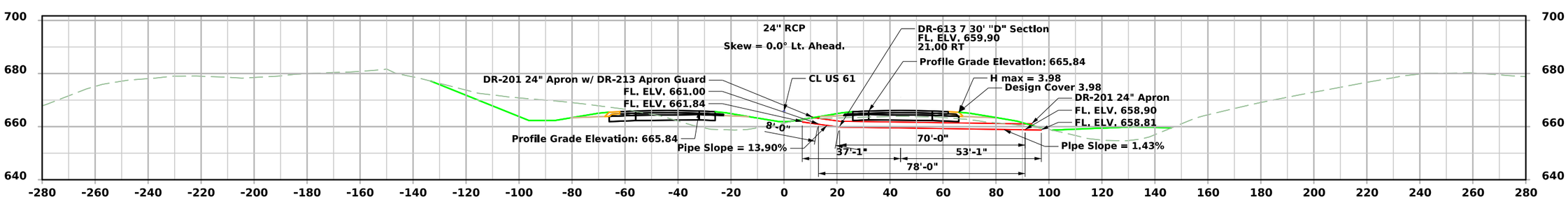
STA 2141+85.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VW.2

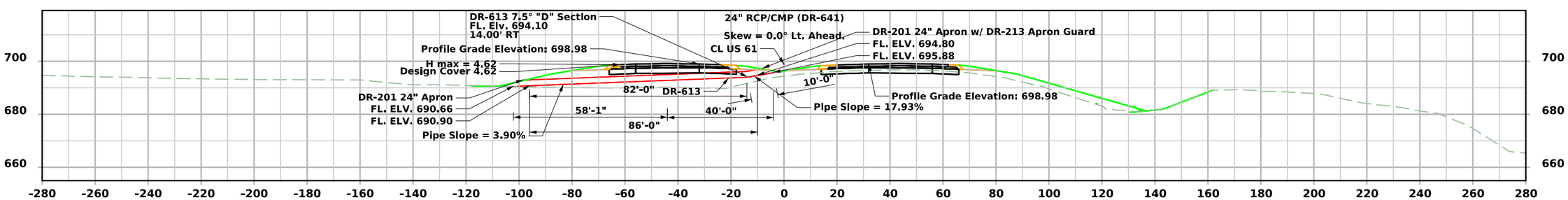
ML - US 61



STA 2177+77.00



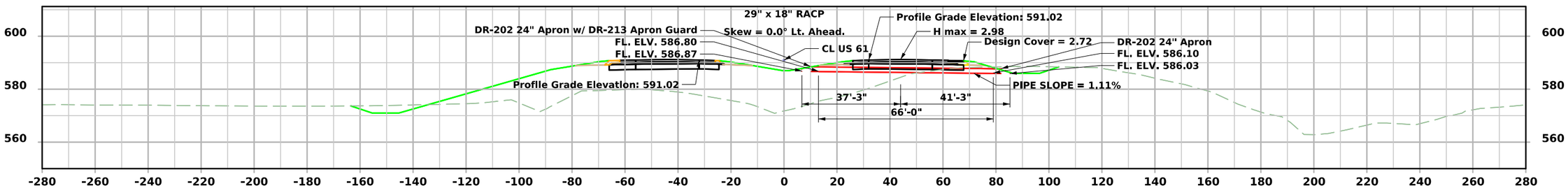
STA 2176+00.00



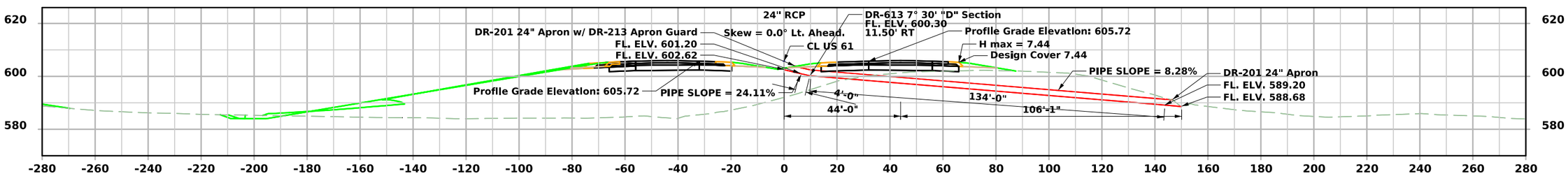
STA 2162+15.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VW.3

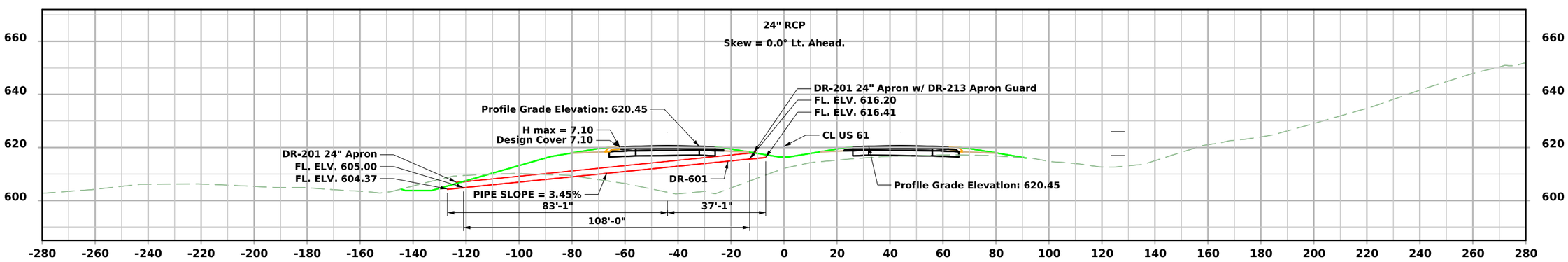
ML - US 61



STA 2193+00.00



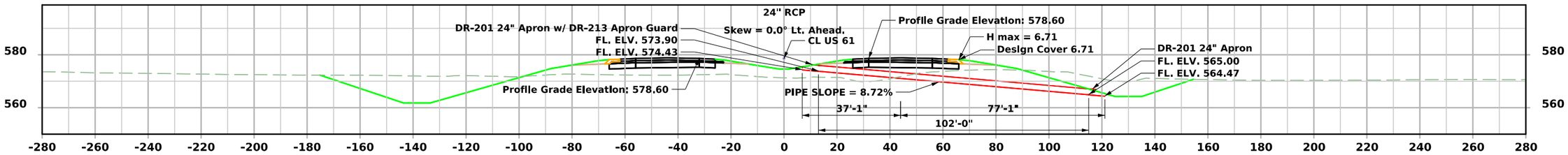
STA 2188+50.00



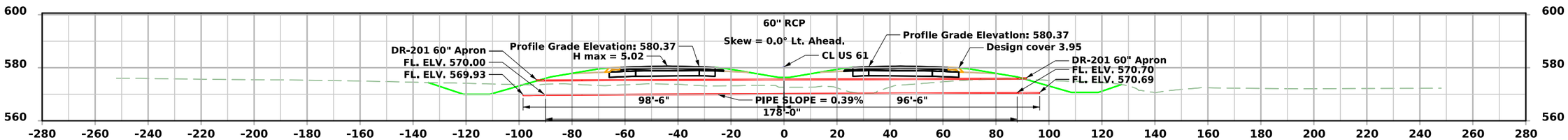
STA 2185+50.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VW.4

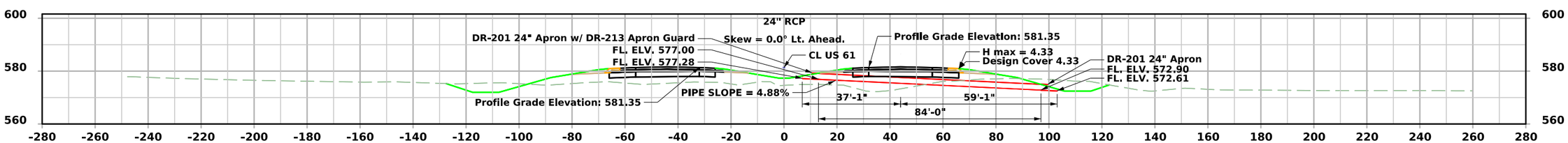
ML - US 61



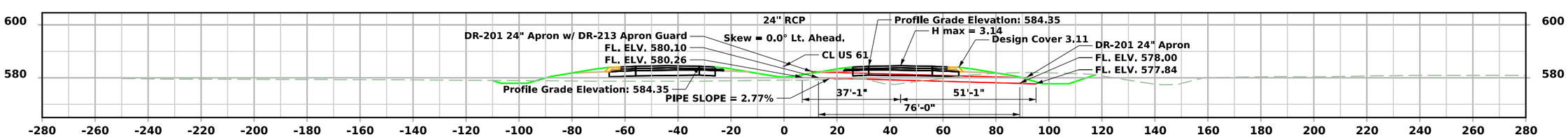
STA 2240+00.00



STA 2229+90.00



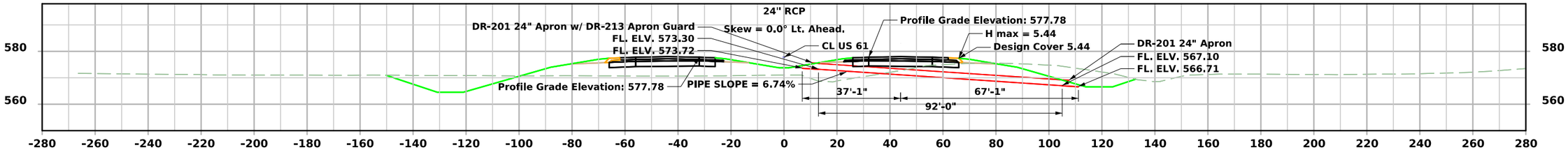
STA 2225+00.00



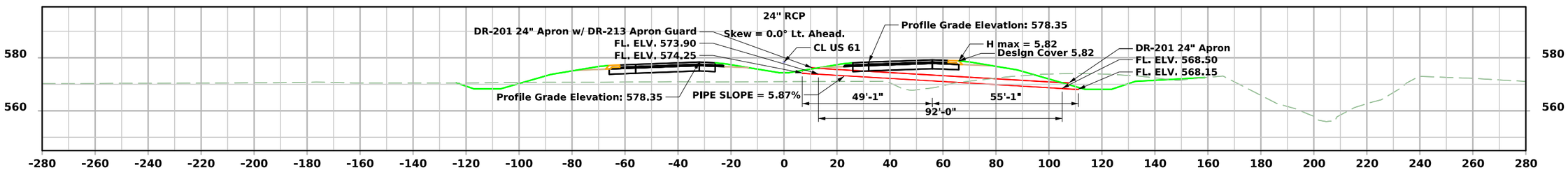
STA 2210+00.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VW.5

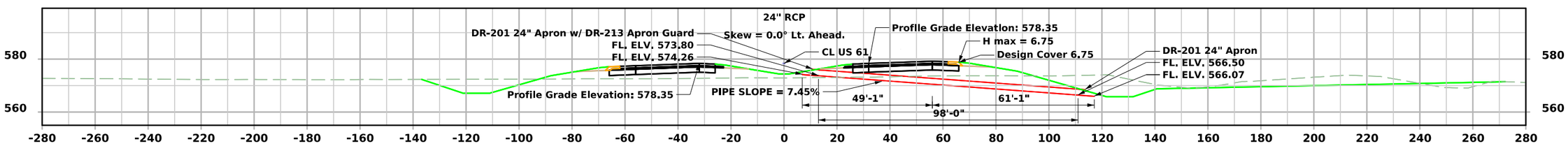
ML - US 61



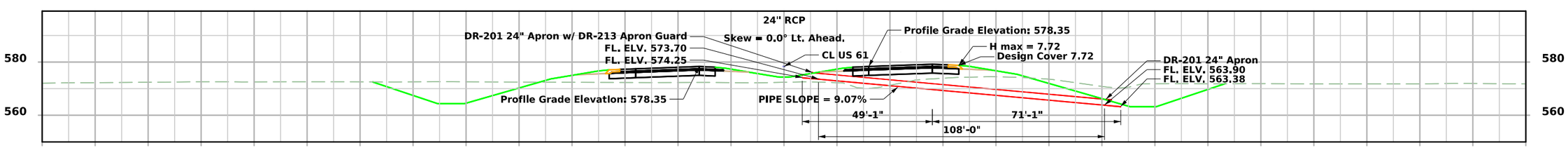
STA 2291+00.00



STA 2272+00.00



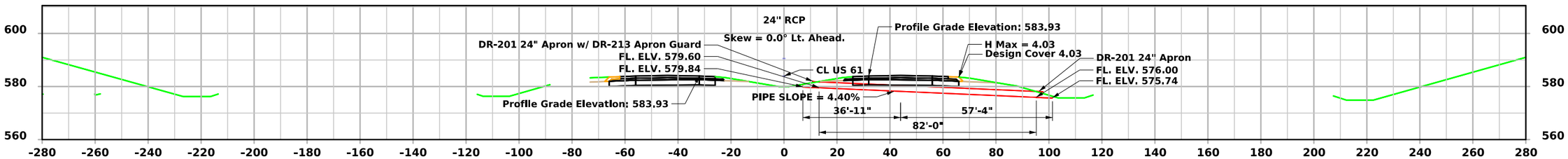
STA 2260+00.00



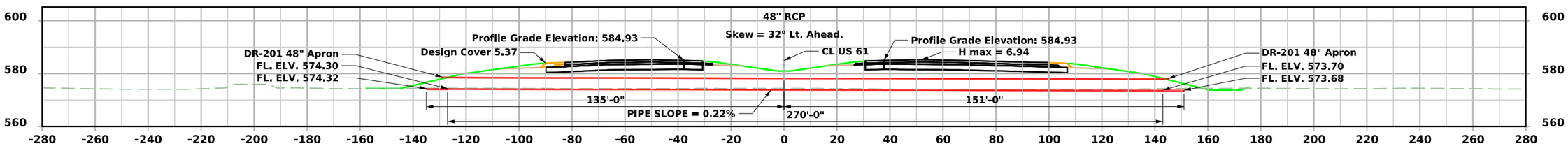
STA 2250+00.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VW.6

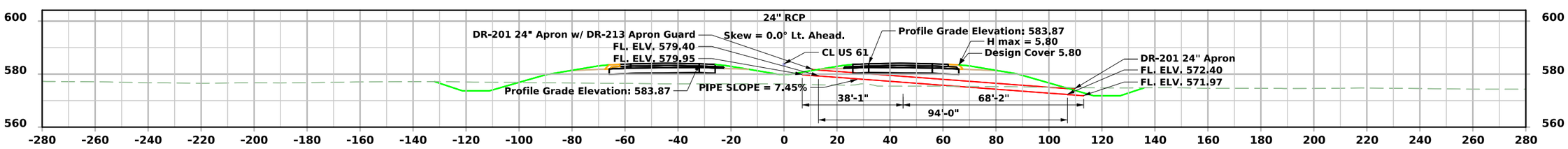
ML - US 61



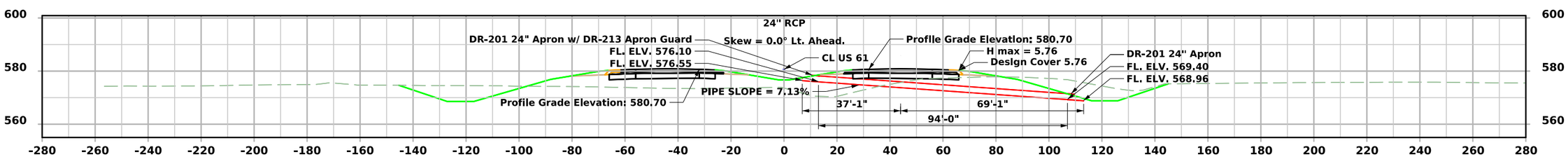
STA 2346+75.00



STA 2332+53.00

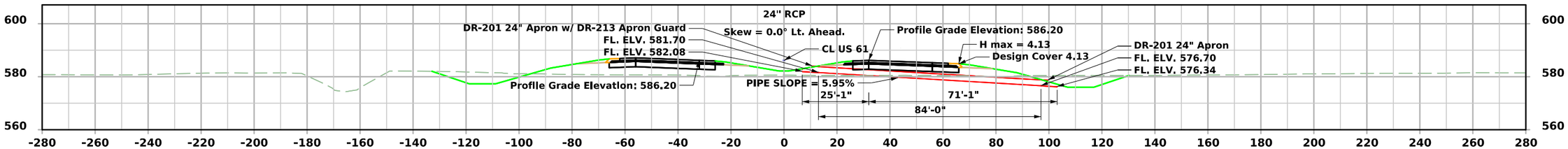


STA 2317+00.00

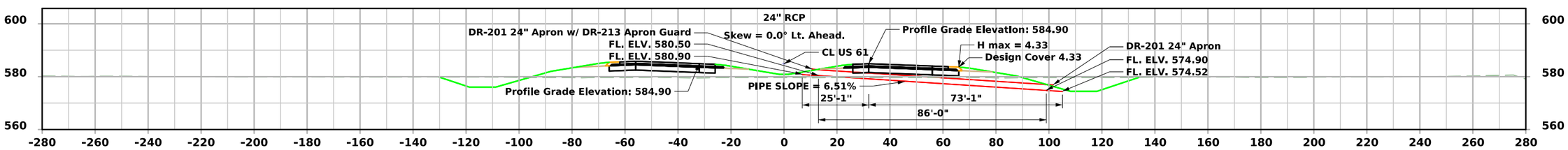


STA 2302+50.00

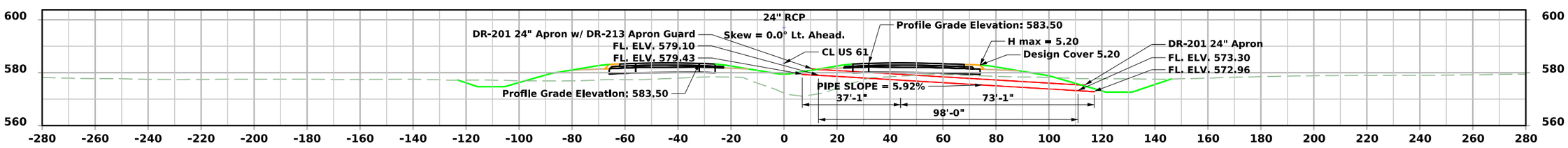
ML - US 61



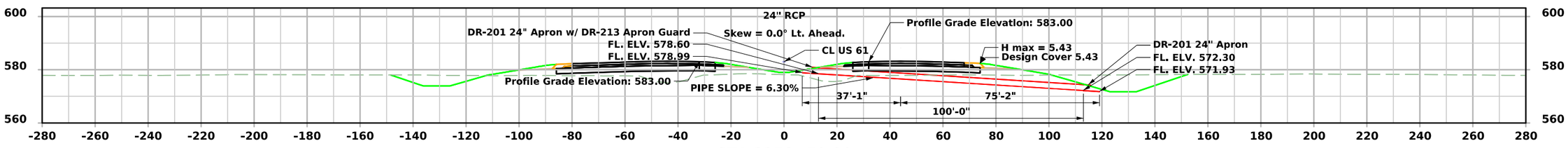
STA 2393+00.00



STA 2380+00.00

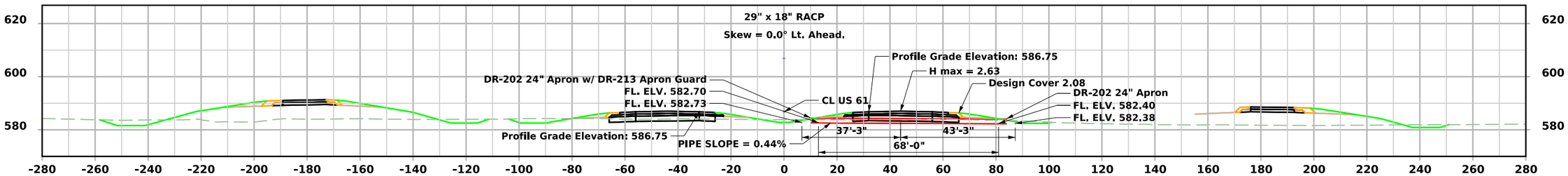


STA 2366+00.00

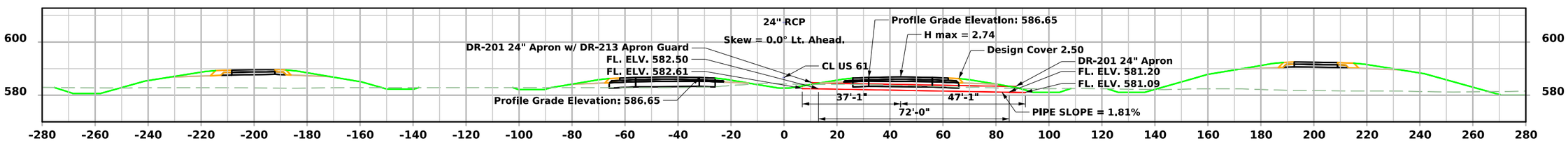


STA 2358+50.00

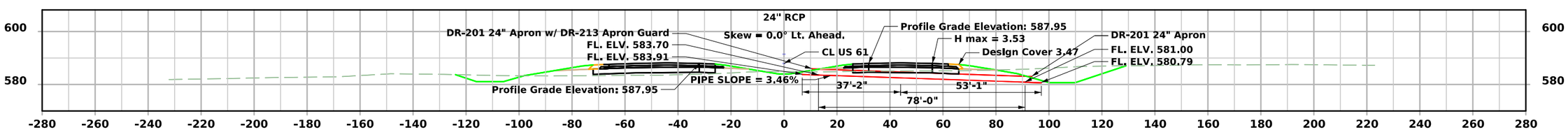
ML - US 61



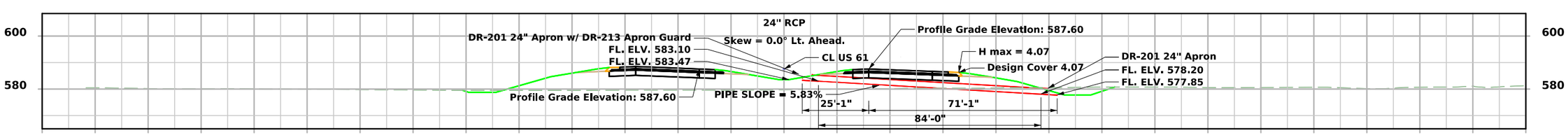
STA 2457+50.00



STA 2443+50.00



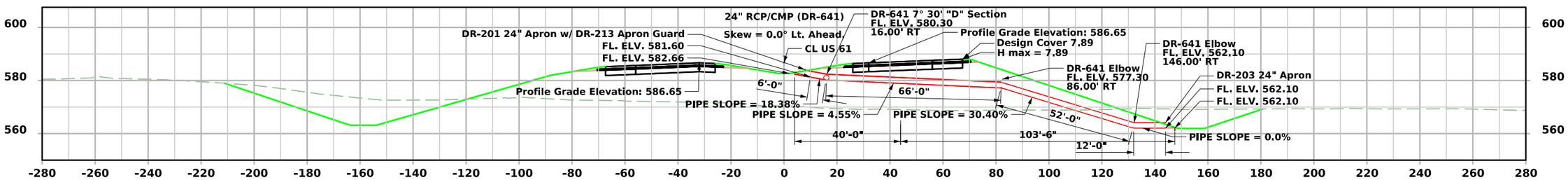
STA 2430+50.00



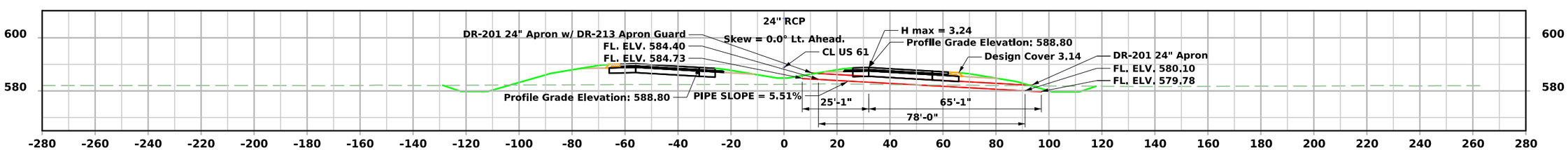
STA 2407+00.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VW.9

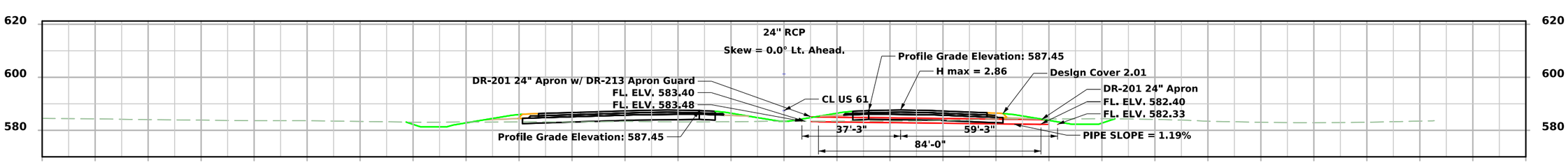
ML - US 61



STA 2499+50.00



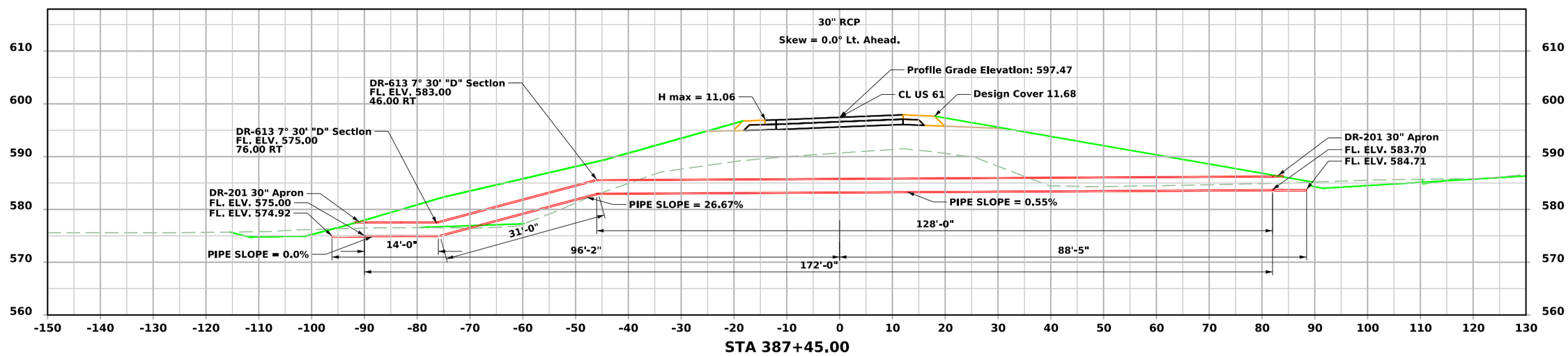
STA 2478+00.00



STA 2464+50.00

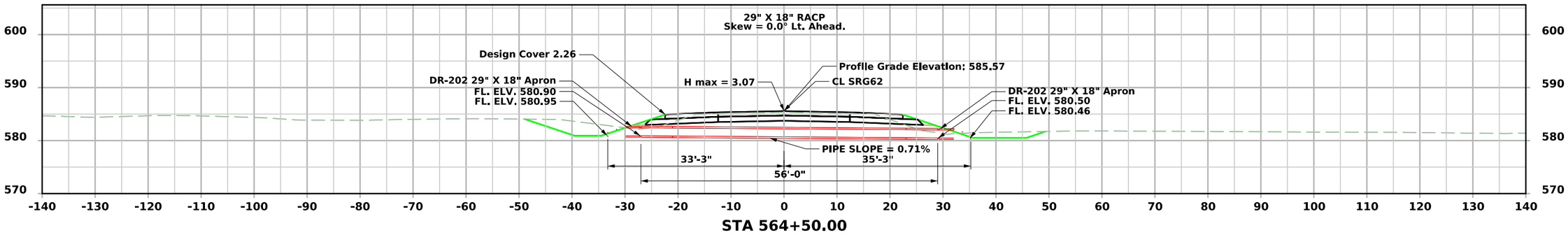
FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VW.10

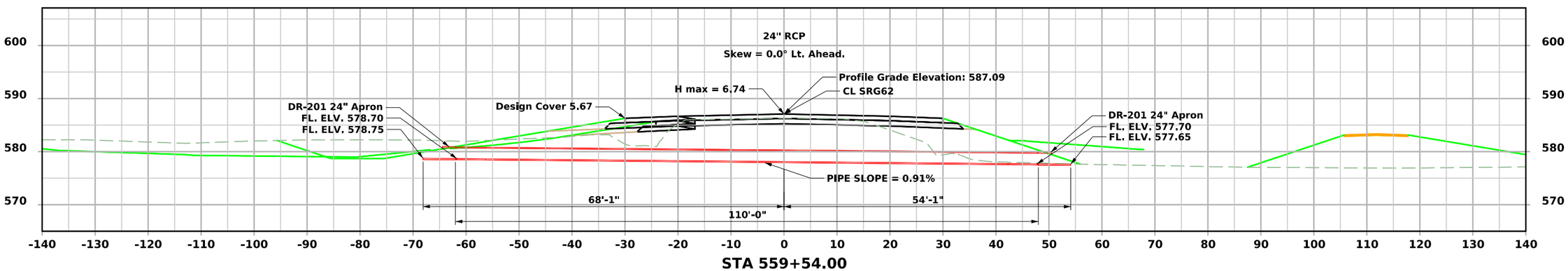
SR - County Rd H16

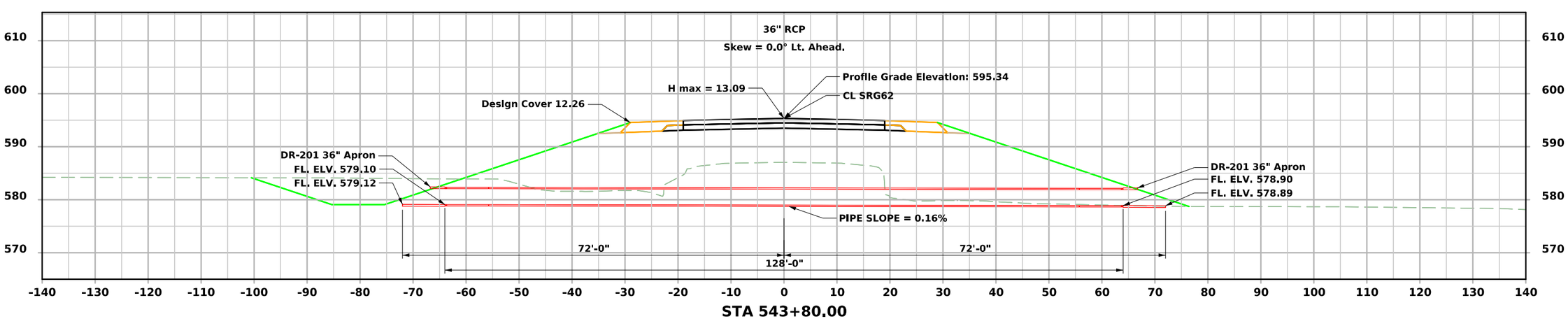


FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VX.1

SR - County Rd G62



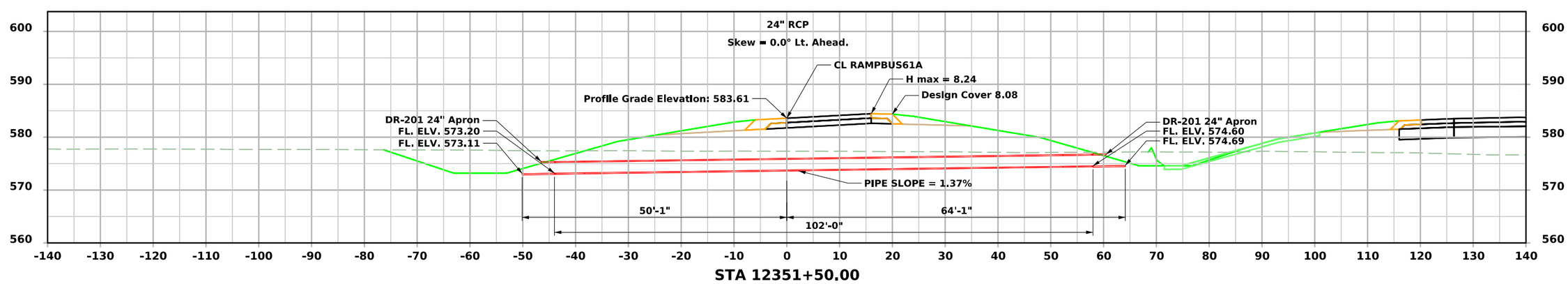




FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VX.2

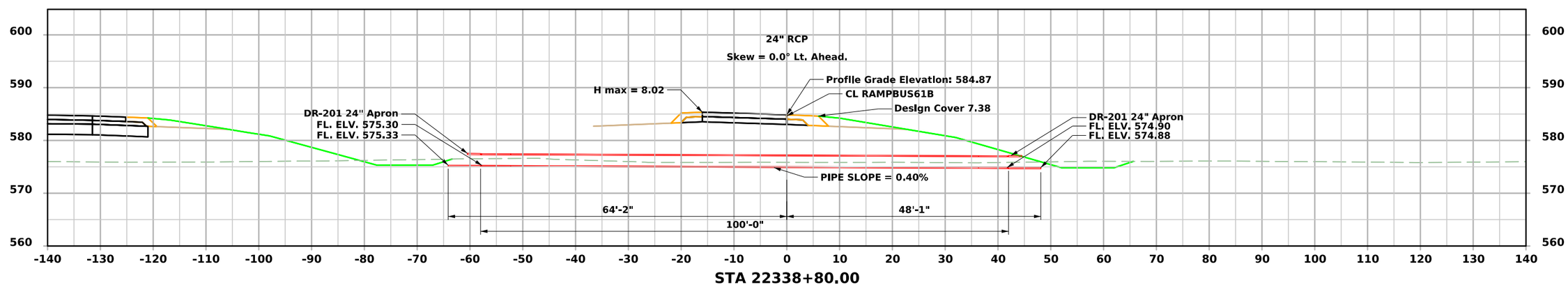
10:14:26 PM 3/24/2025 TTHEULEN pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\5806101011\Bridge\(061)_PreliminaryEngineering\SHT_58061061_HDR_PIPE_CULVERTS_Z14.dgn

Business US 61 - Ramp A



FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VY.1

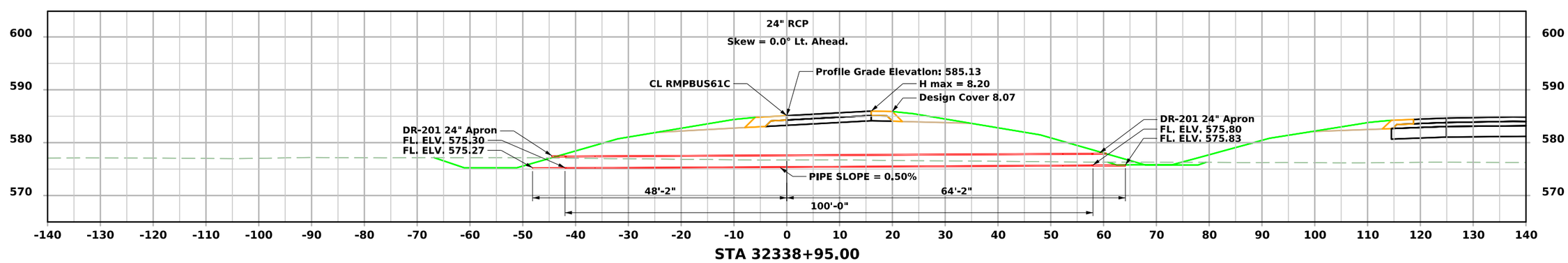
Business US 61 - Ramp B



STA 22338+80.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VY.2

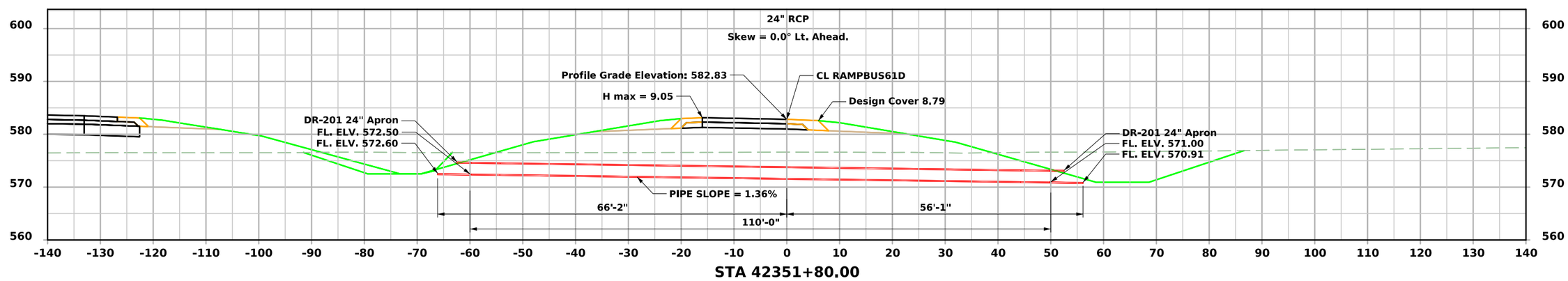
Business US 61 - Ramp C



STA 32338+95.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VY.3

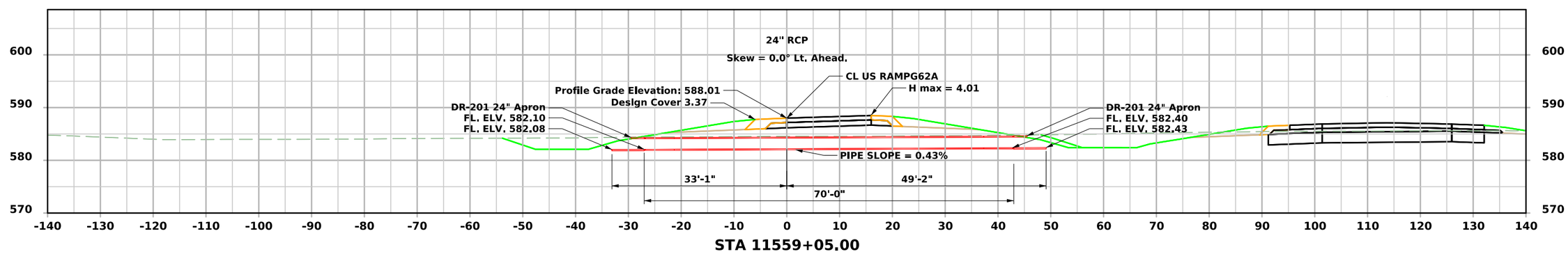
Business US 61 - Ramp D



STA 42351+80.00

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VY.4

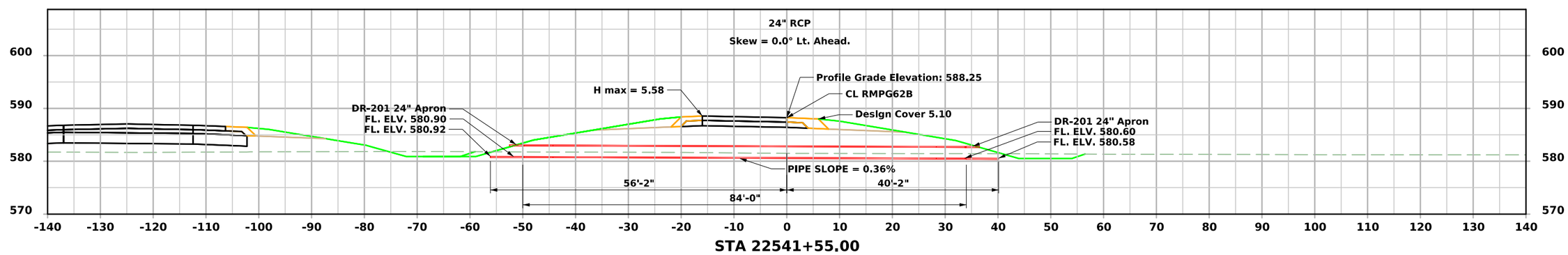
County Rd G62 - Ramp A



STA 11559+05.00

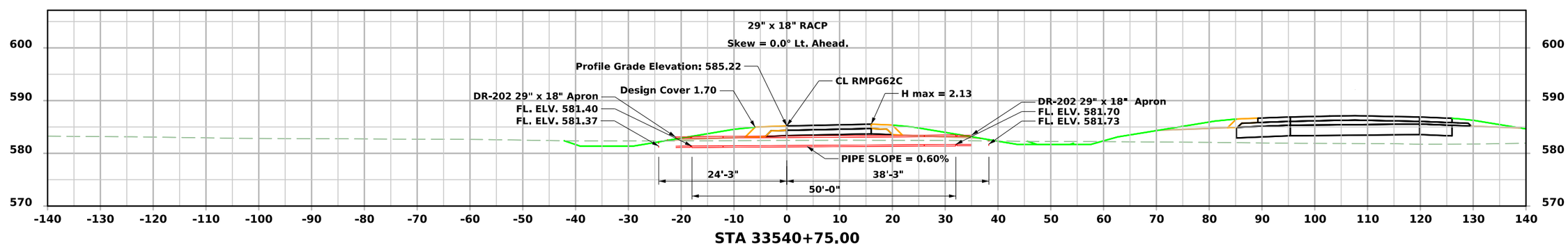
FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VY.5

County Rd G62 - Ramp B



FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VY.6

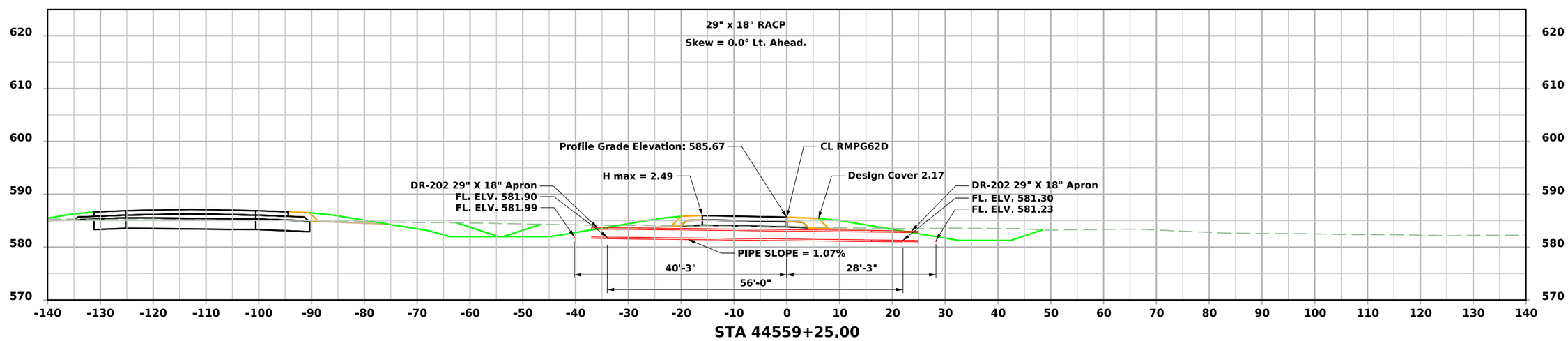
County Rd G62 - Ramp C



STA 33540+75.00

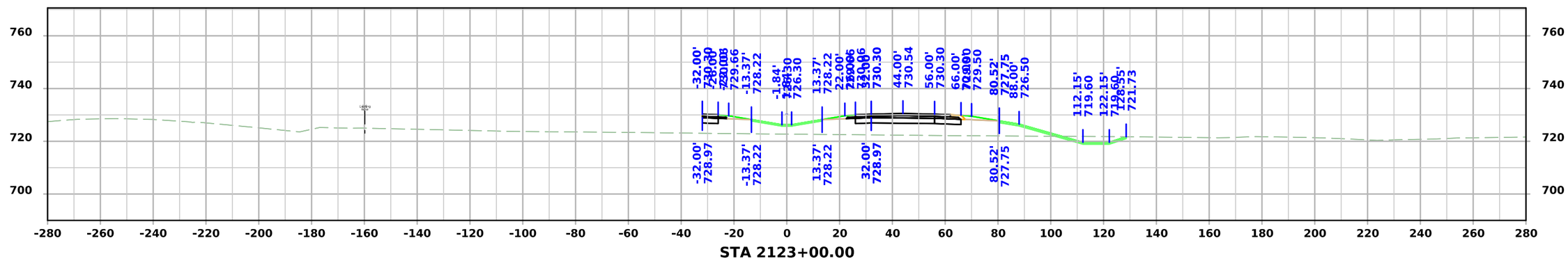
FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VY.7

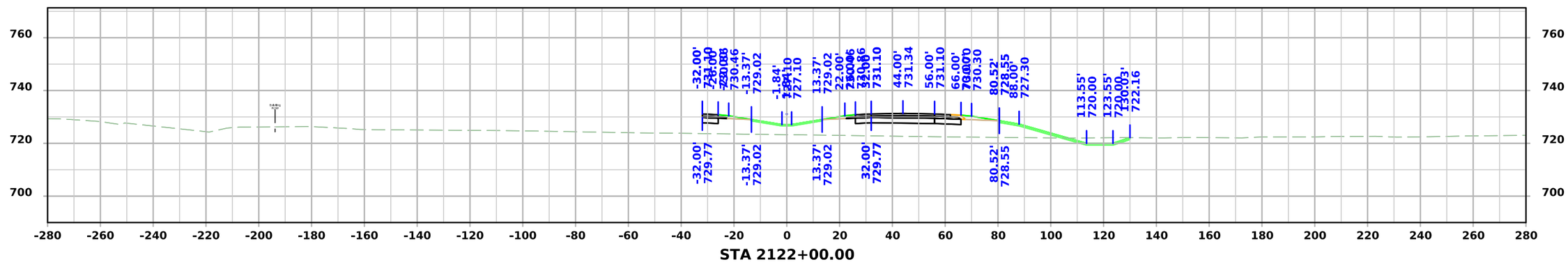
County Rd G62 - Ramp D

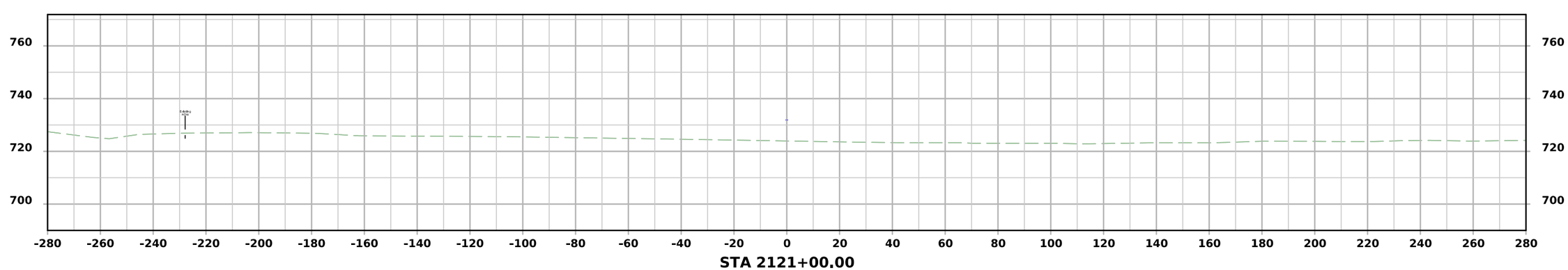


FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT/HDR	Louisa COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER VY.8

US 61



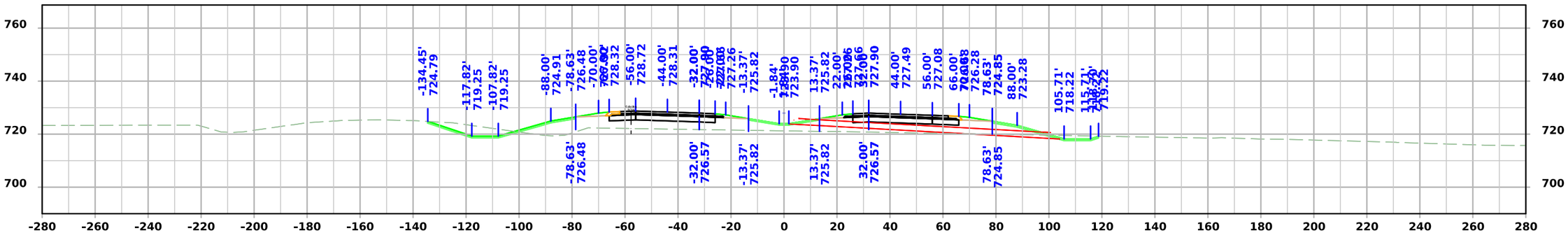




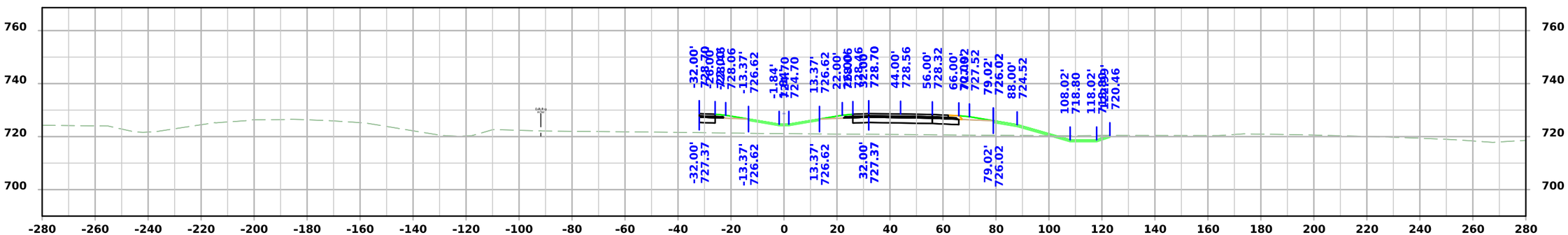
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.2

1:42:29 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

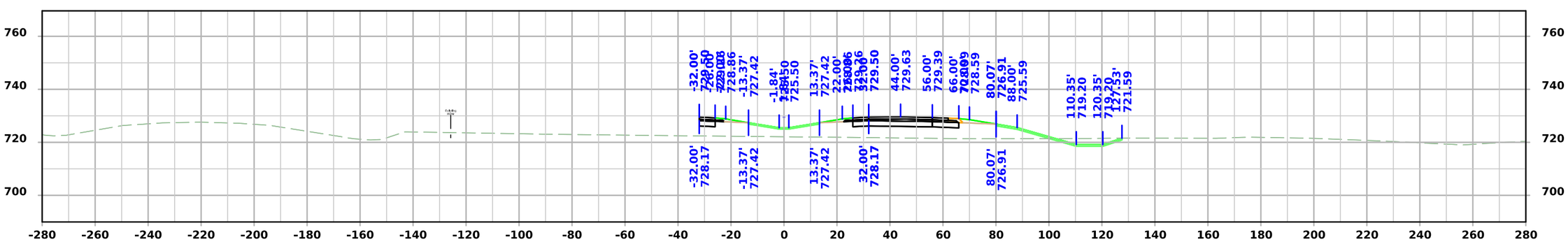
US 61



STA 2126+00.00



STA 2125+00.00

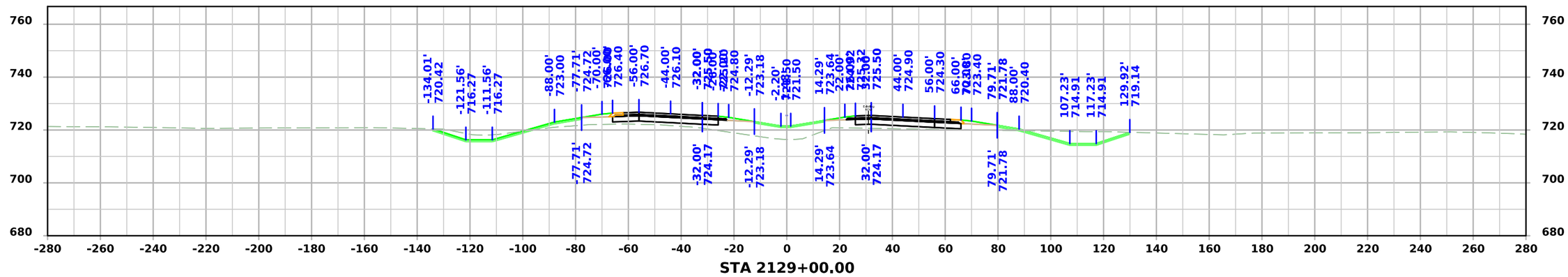


STA 2124+00.00

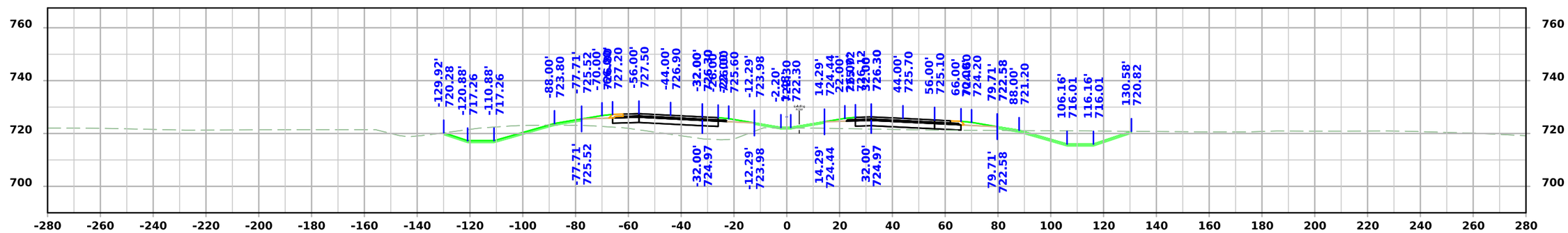
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.3

1:42:35 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

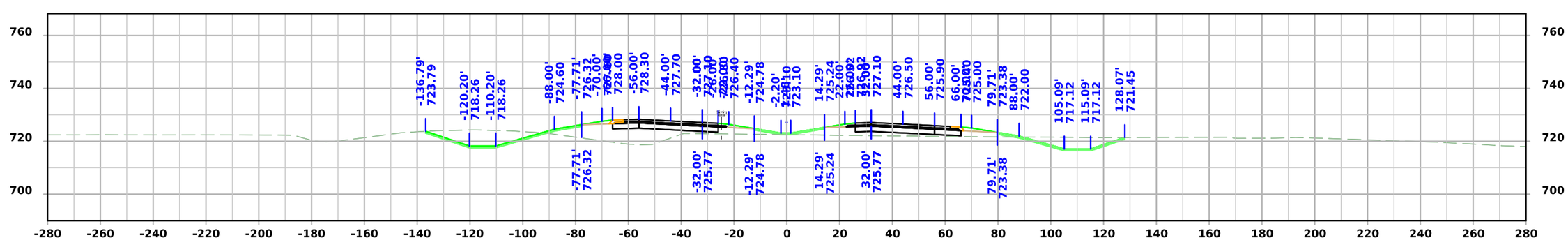
US 61



STA 2129+00.00



STA 2128+00.00

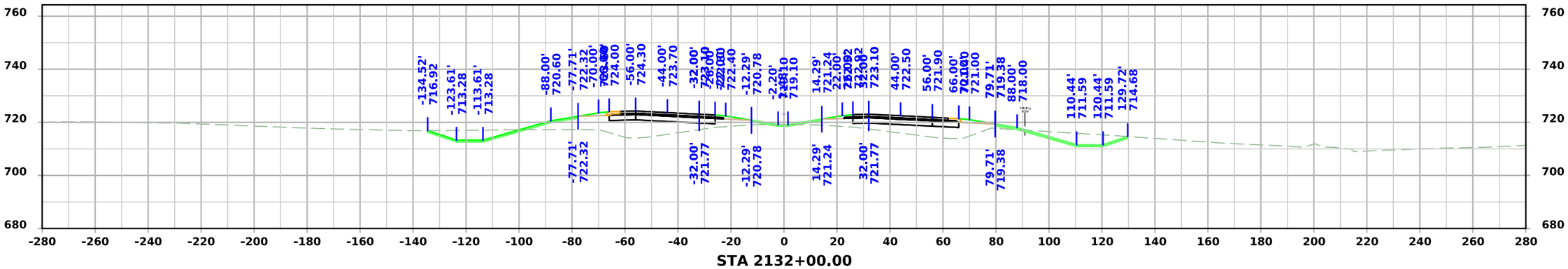


STA 2127+00.00

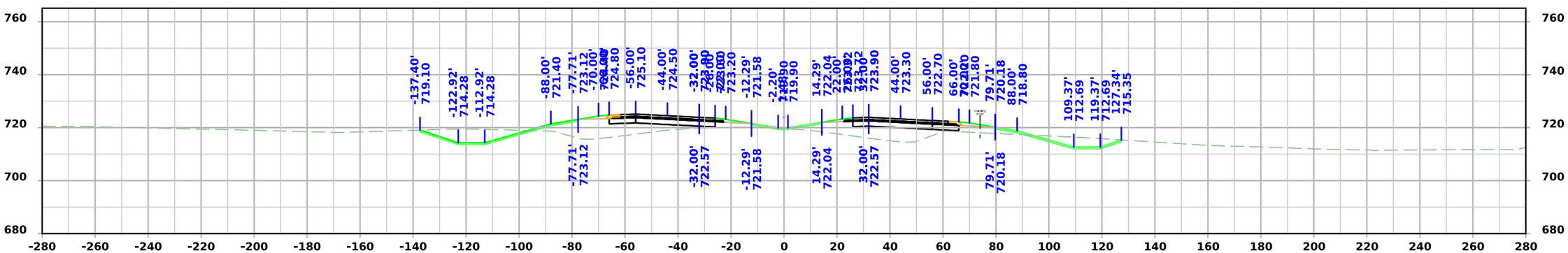
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.4

1:42:40 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

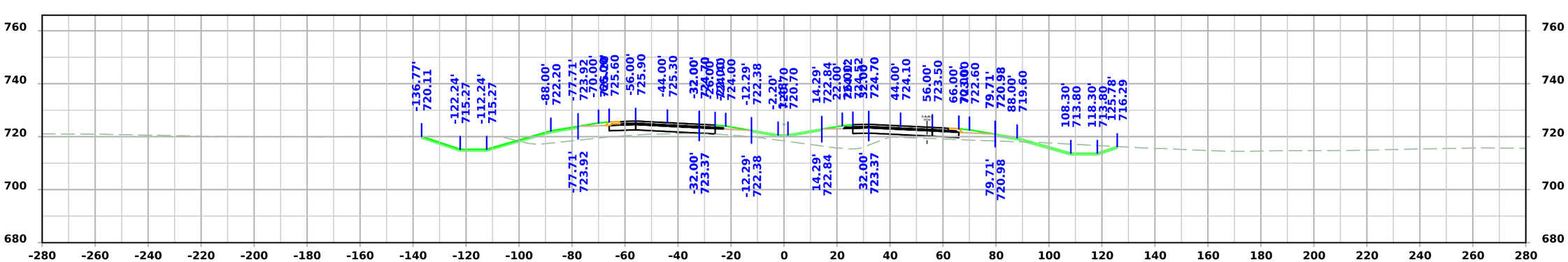
US 61



STA 2132+00.00



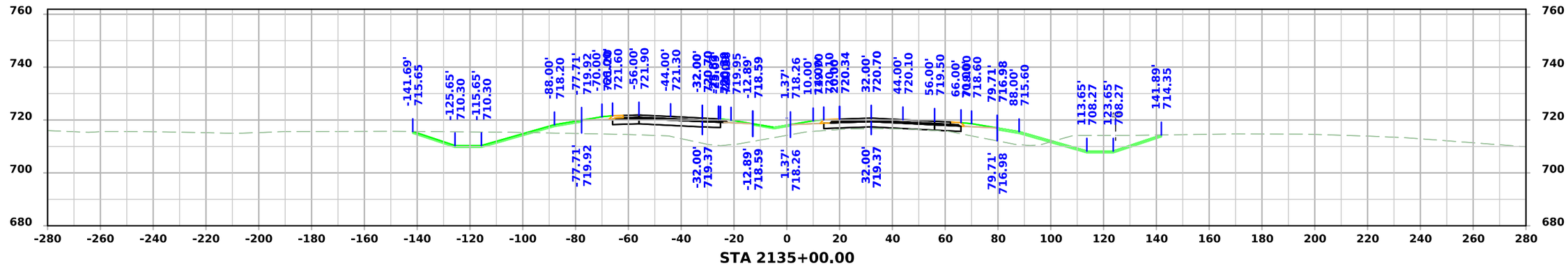
STA 2131+00.00

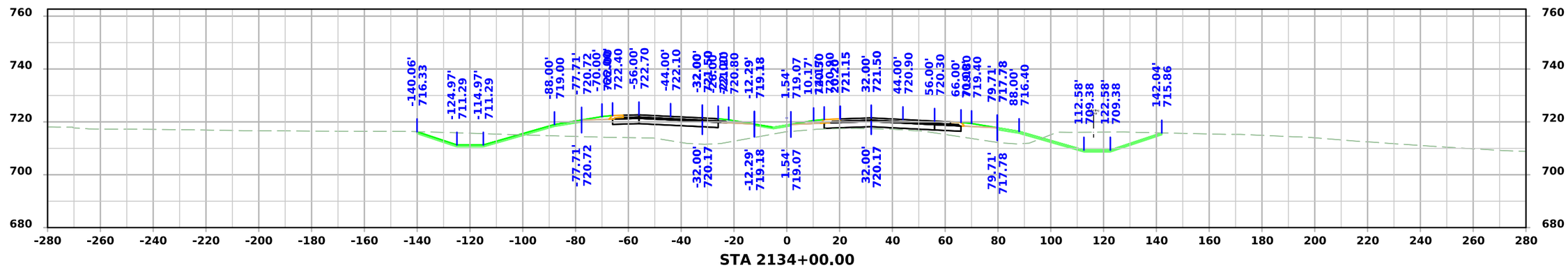


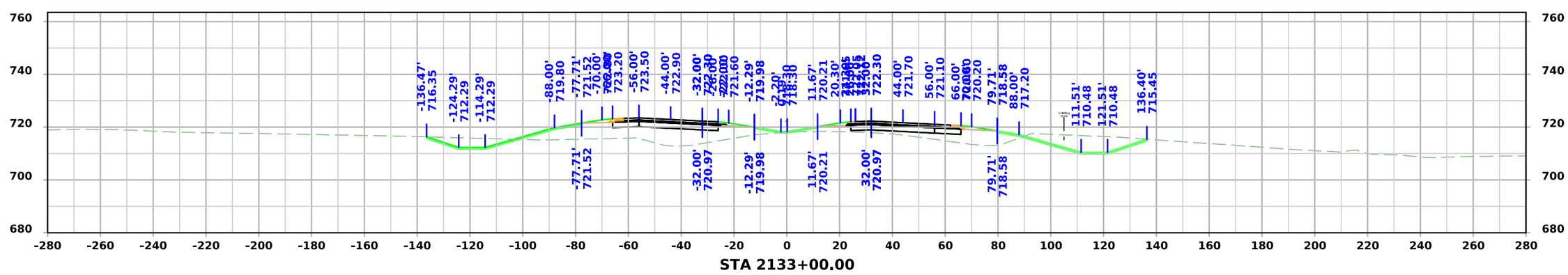
STA 2130+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.5

US 61



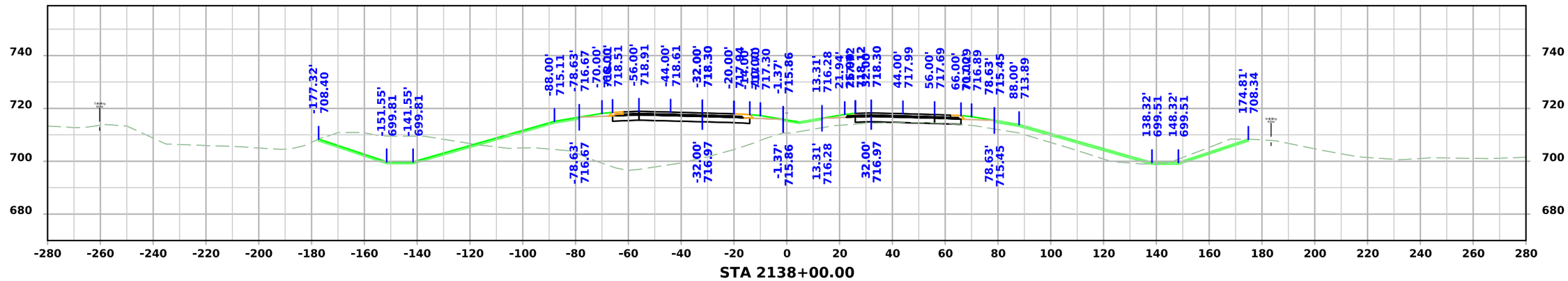


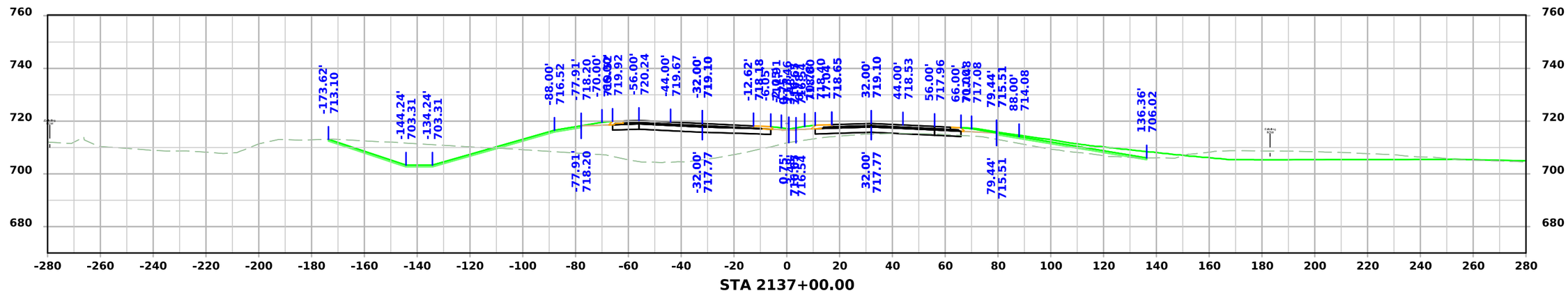


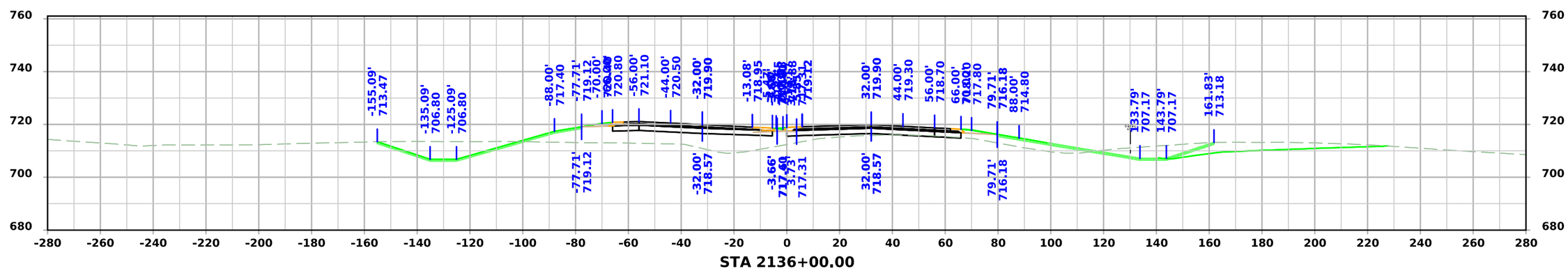
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.6

1:42:52 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



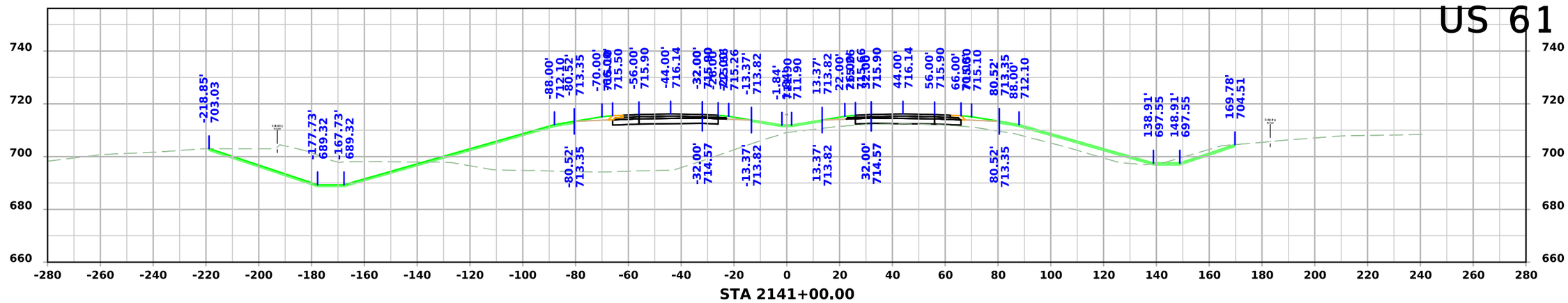


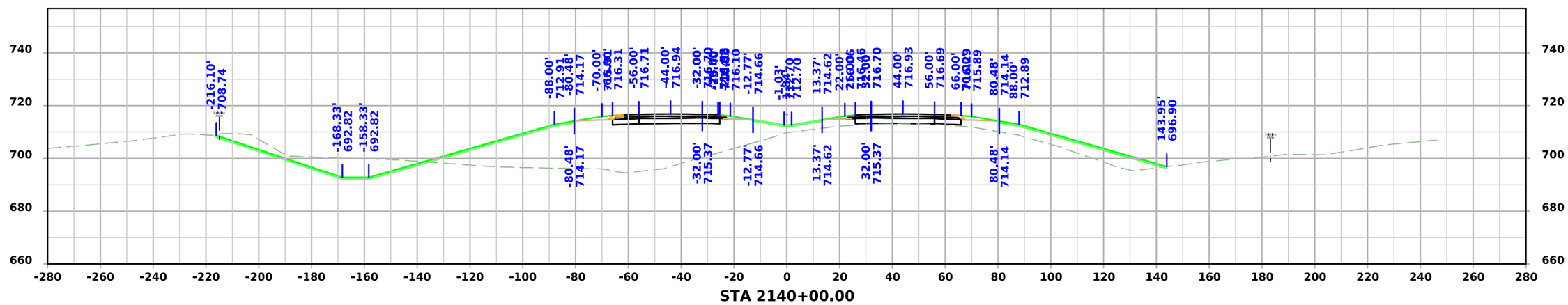


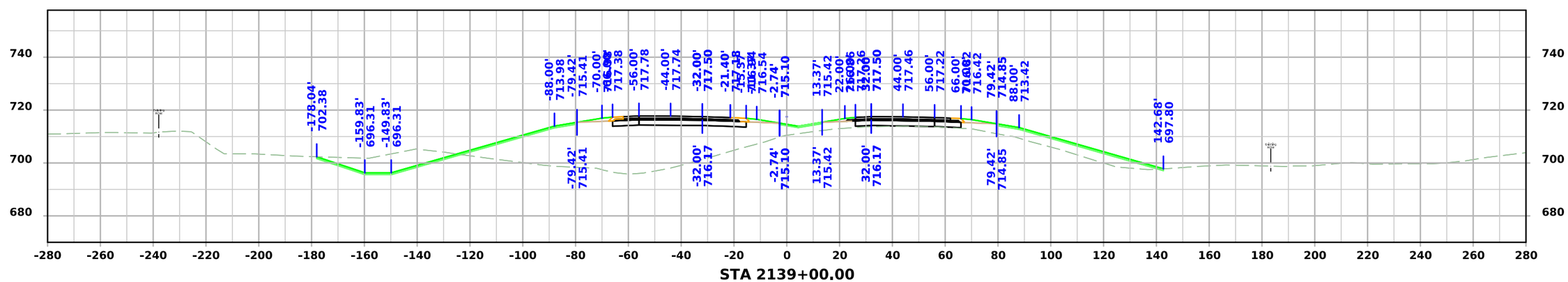
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.7

1:42:58 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



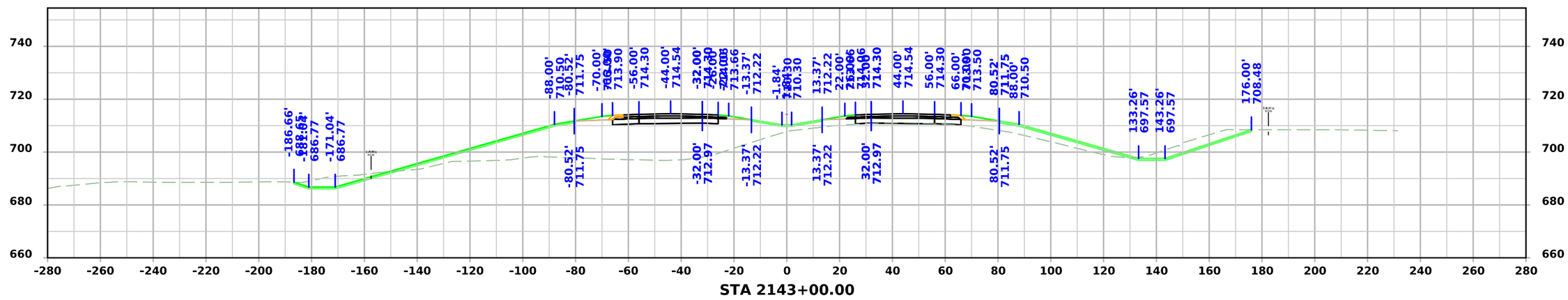




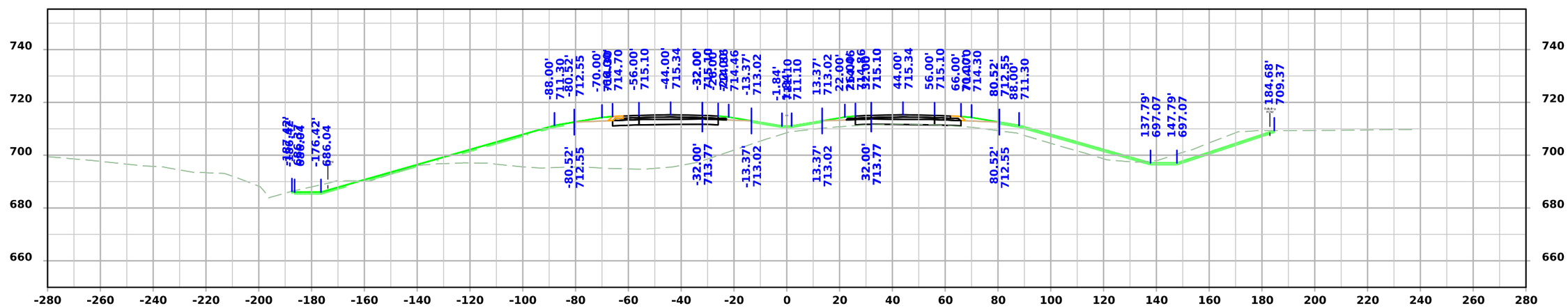
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.8

1:43:04 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



STA 2143+00.00

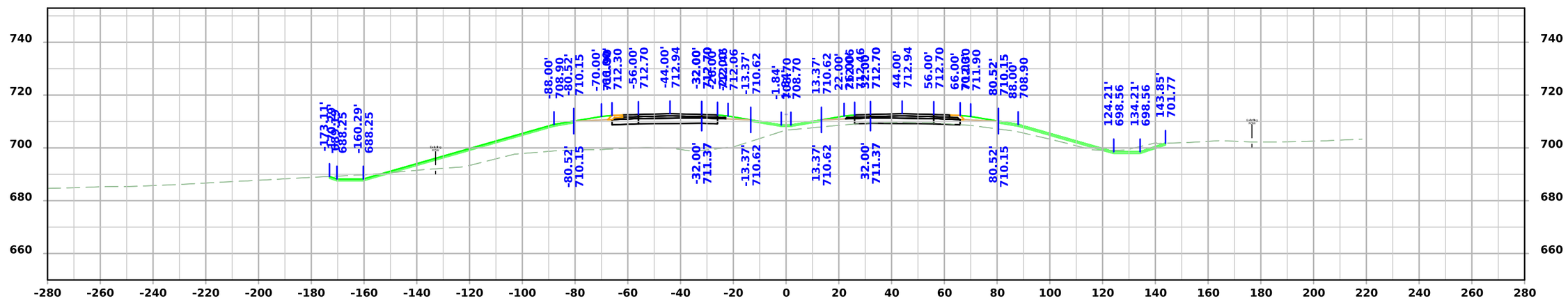


STA 2142+00.00

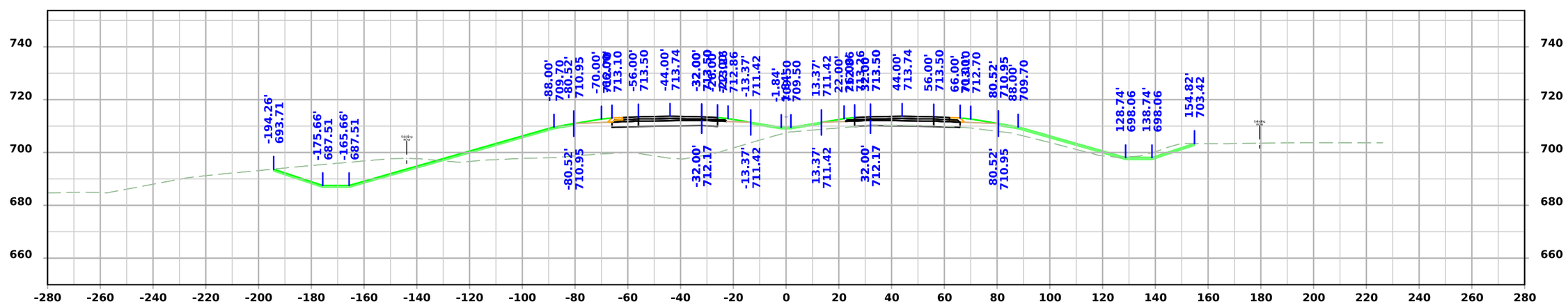
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.9

1:43:08 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



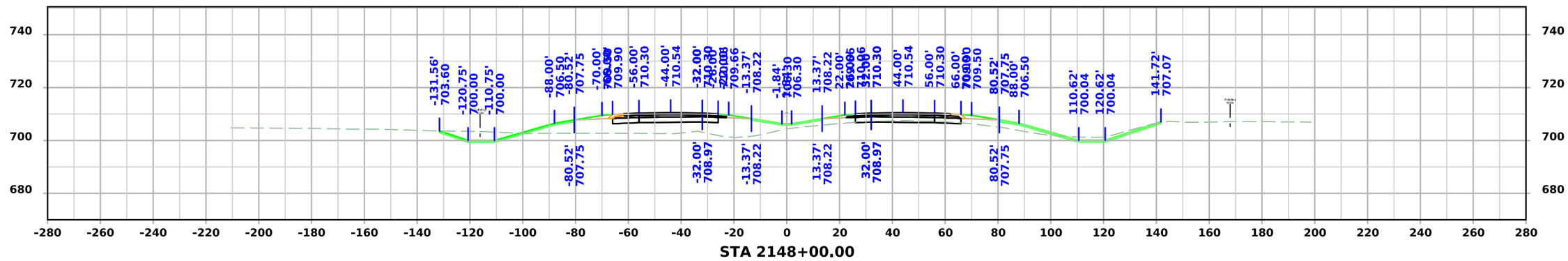
STA 2145+00.00

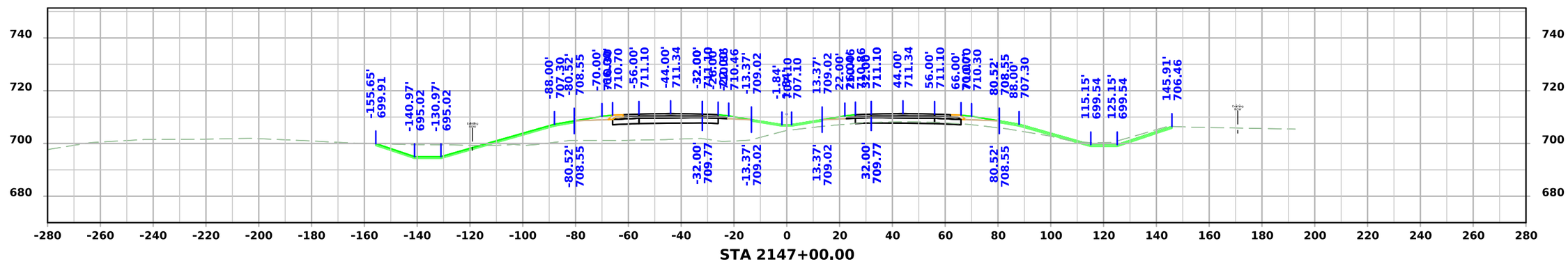


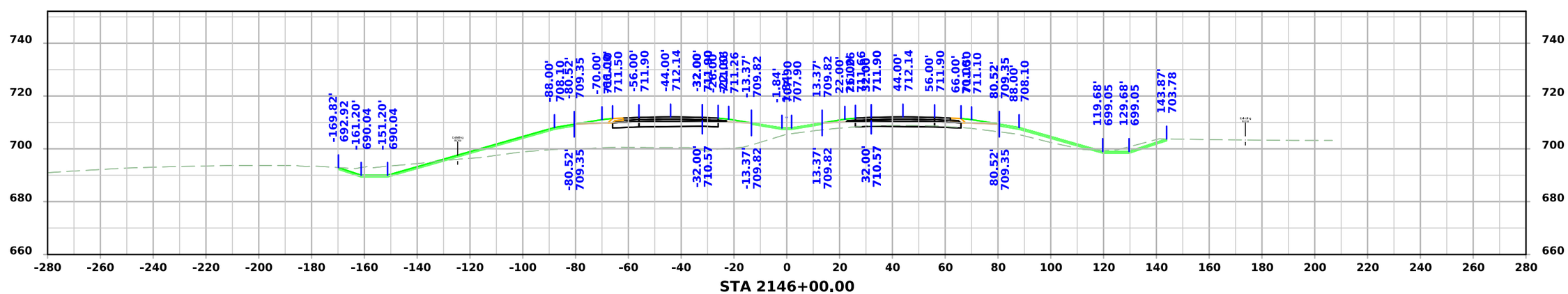
STA 2144+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.10

US 61

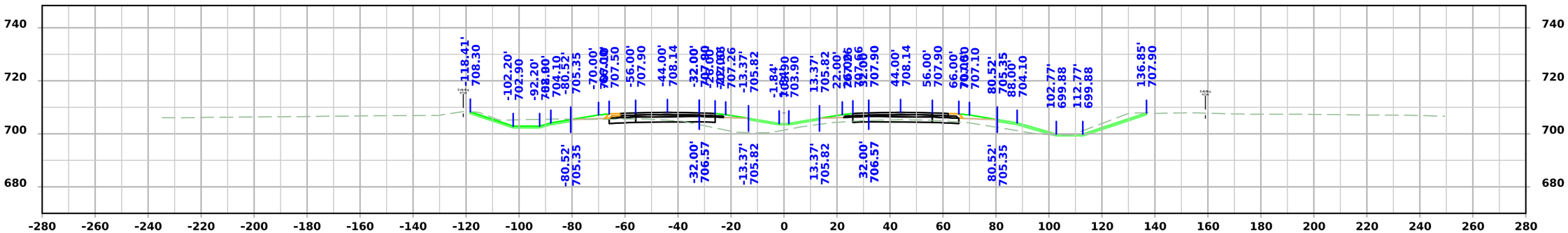


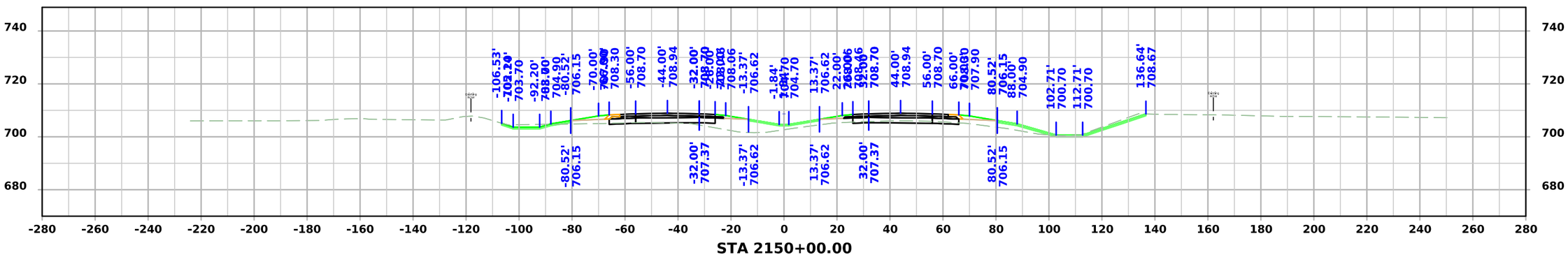


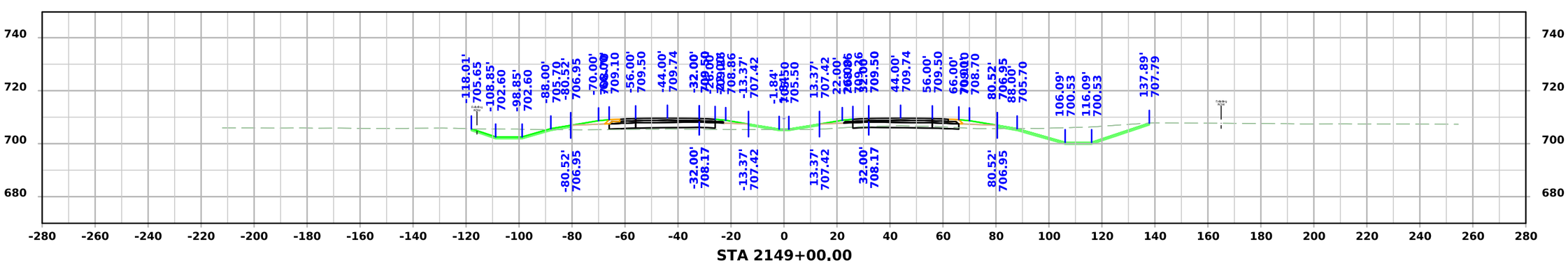


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.11

US 61



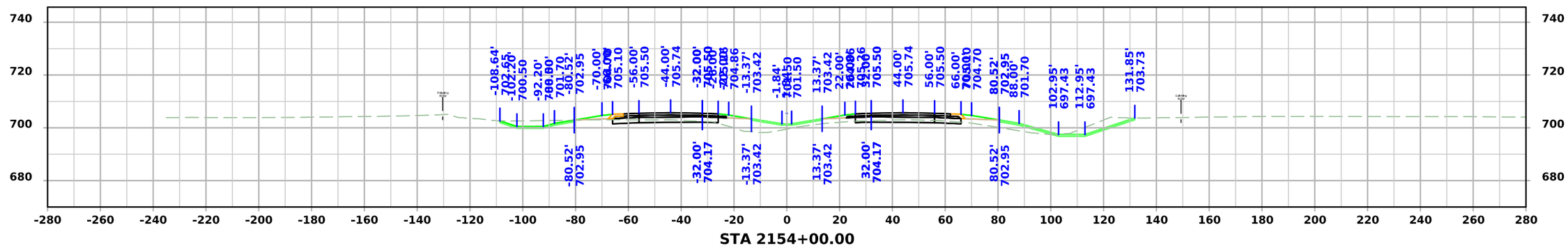


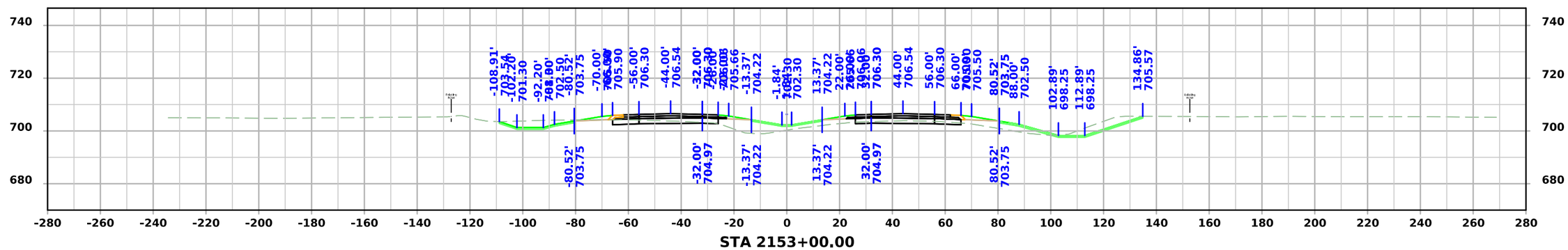


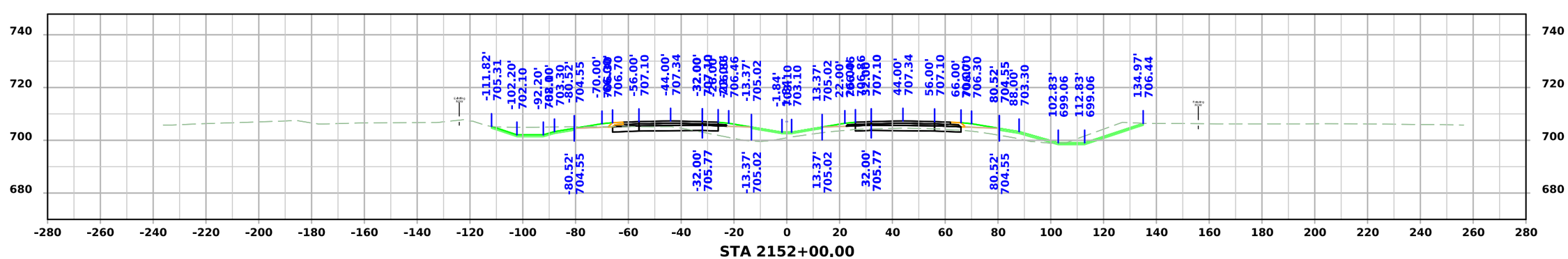
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.12

1:43:23 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



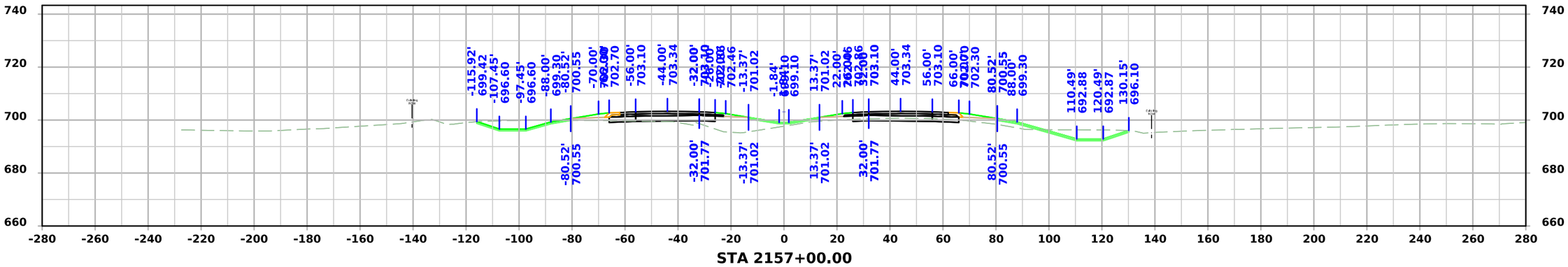


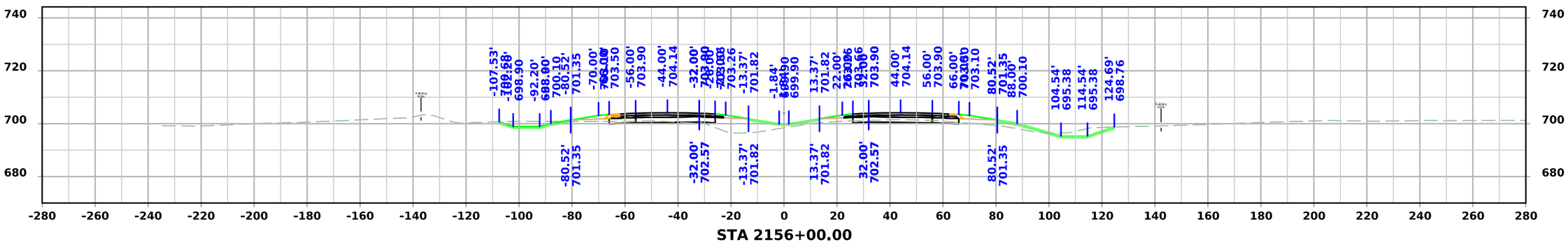


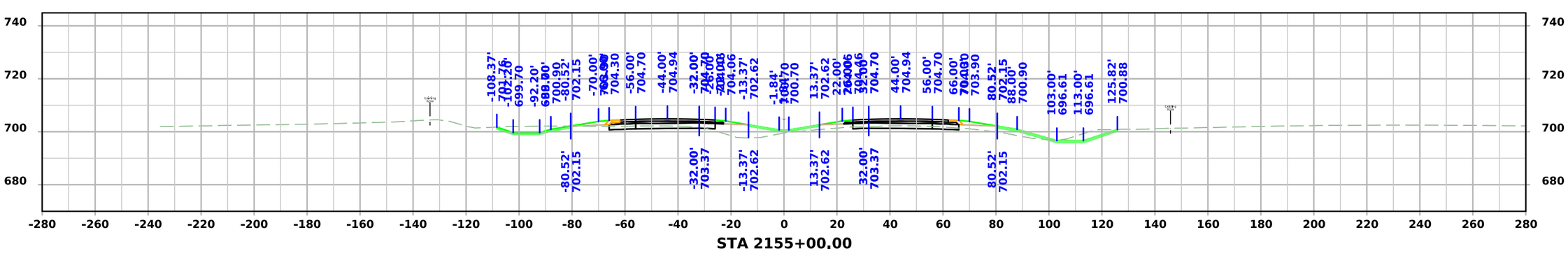
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.13

1:43:29 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



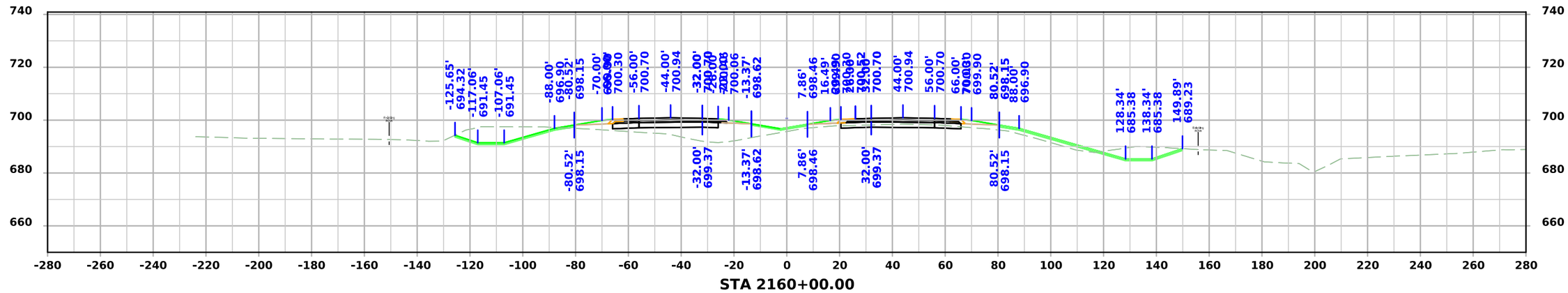


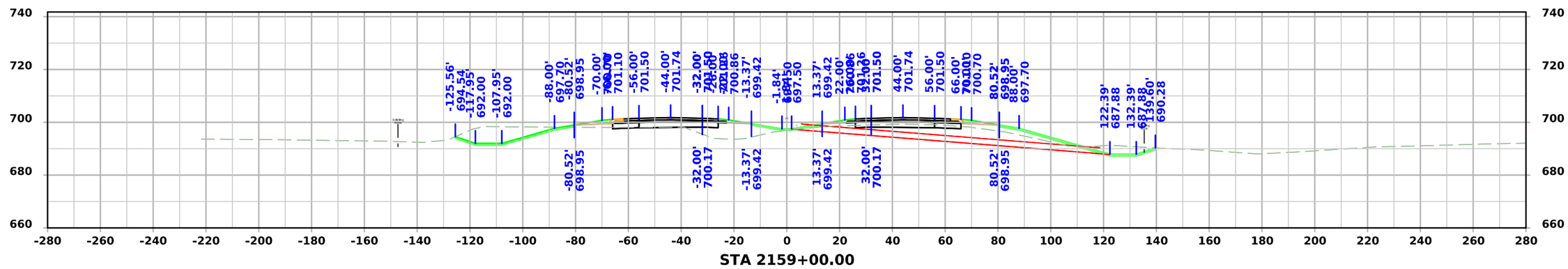


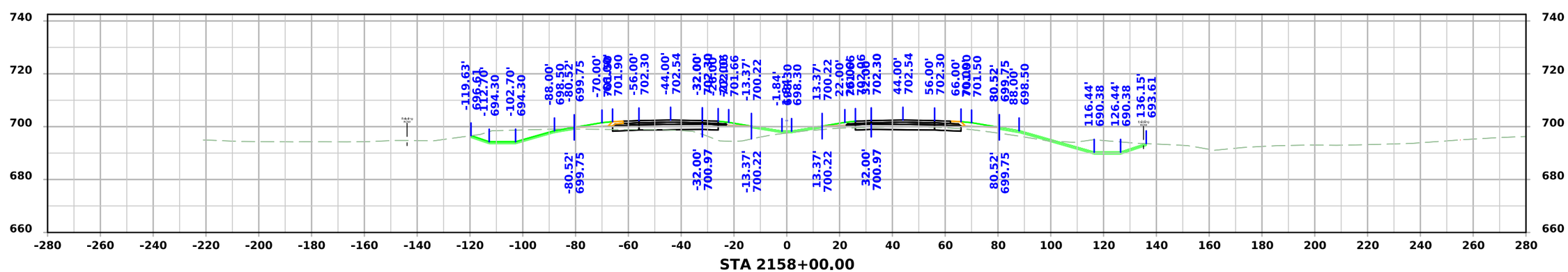
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.14

1:43:35 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



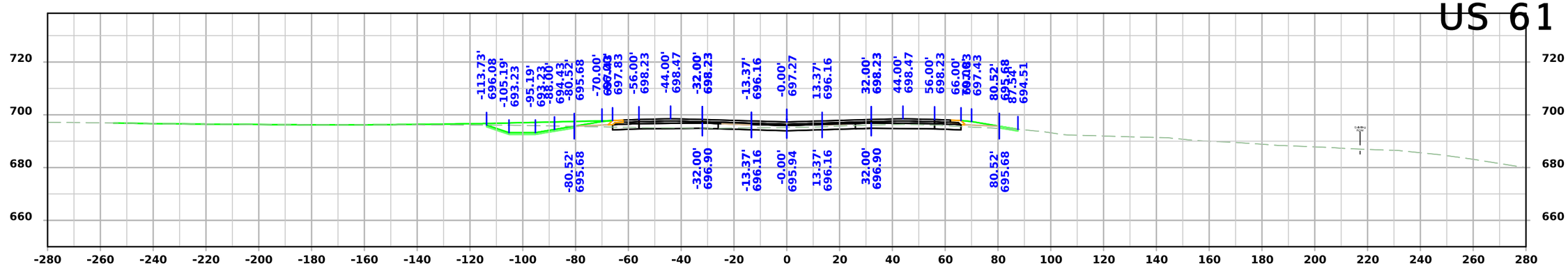




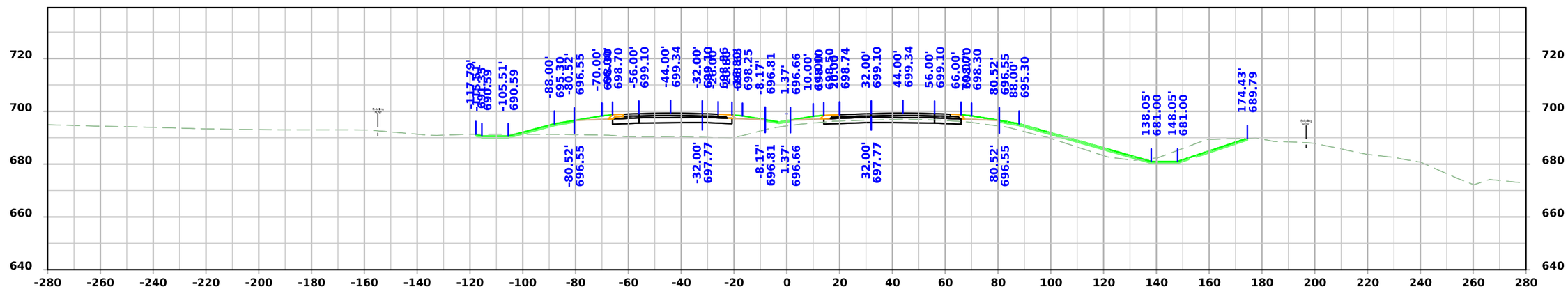
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.15

1:43:41 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

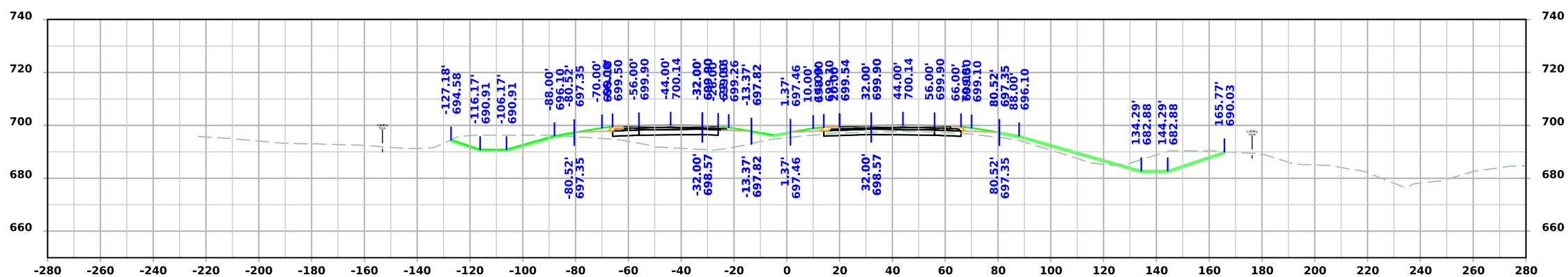
US 61



STA 2163+00.00



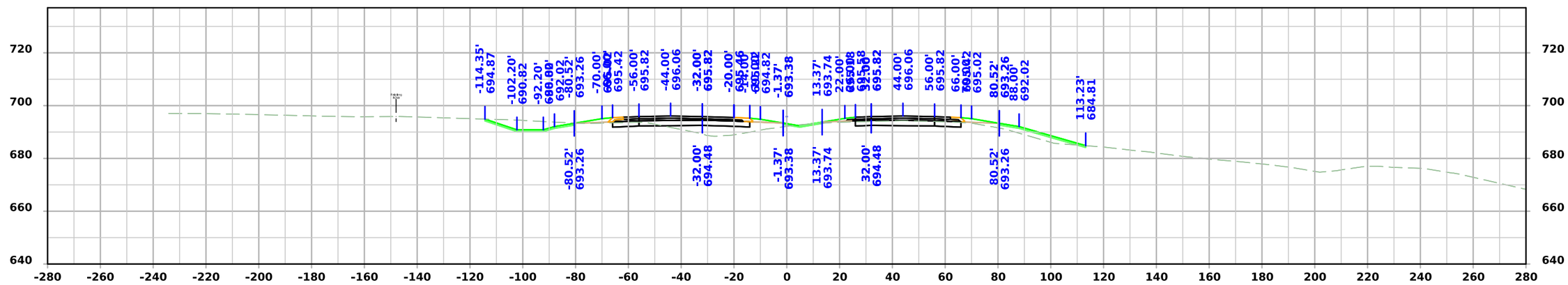
STA 2162+00.00

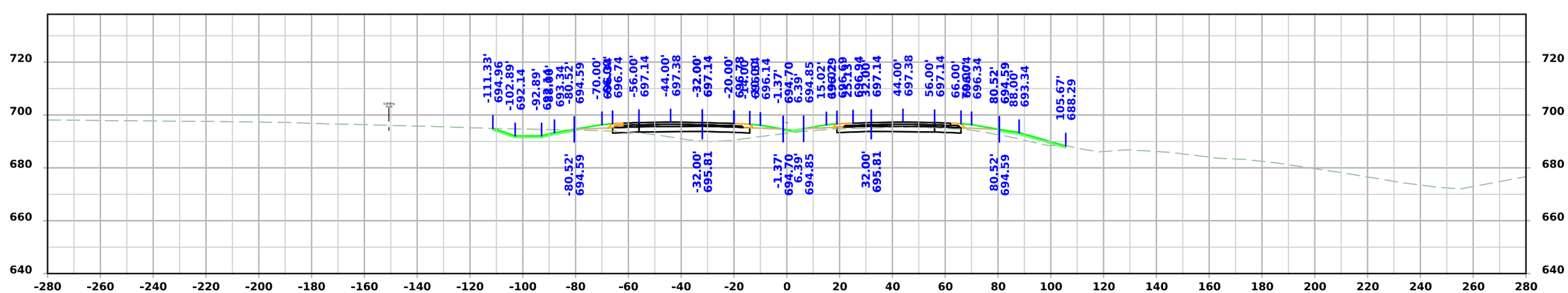


STA 2161+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.16

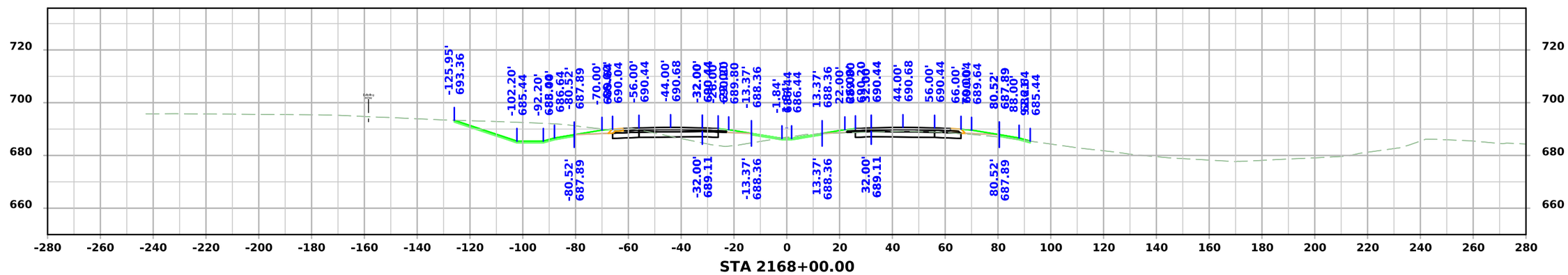
US 61



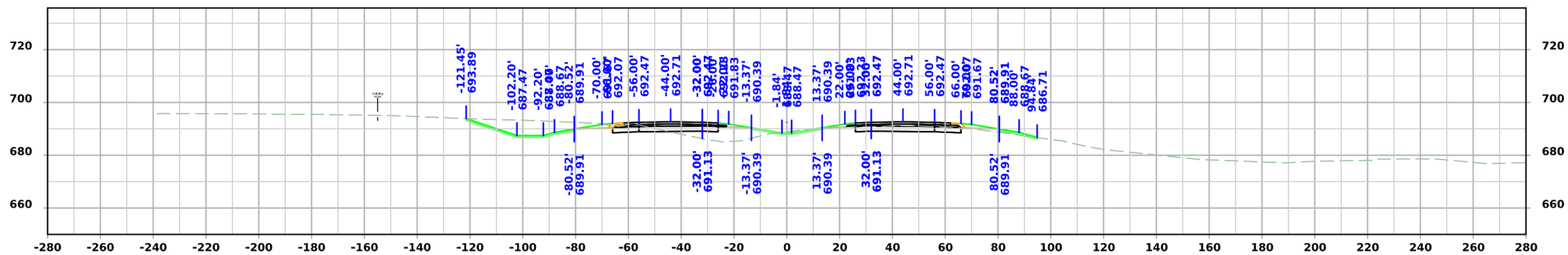


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.17

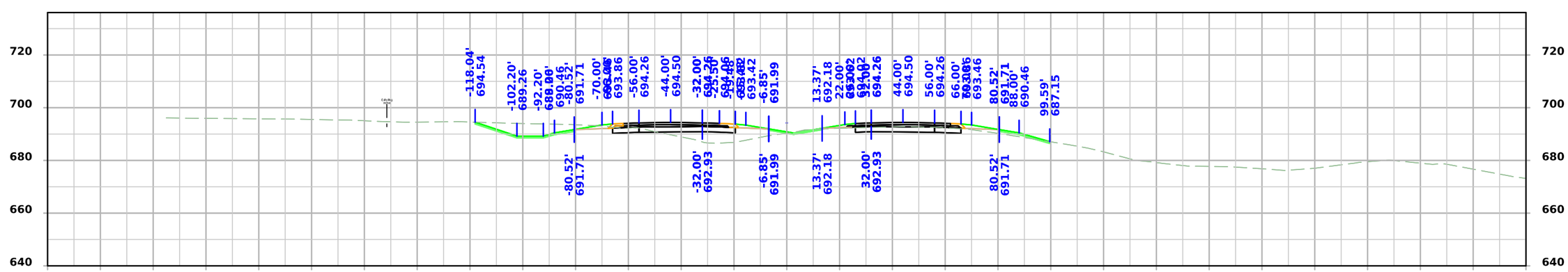
US 61



STA 2168+00.00



STA 2167+00.00

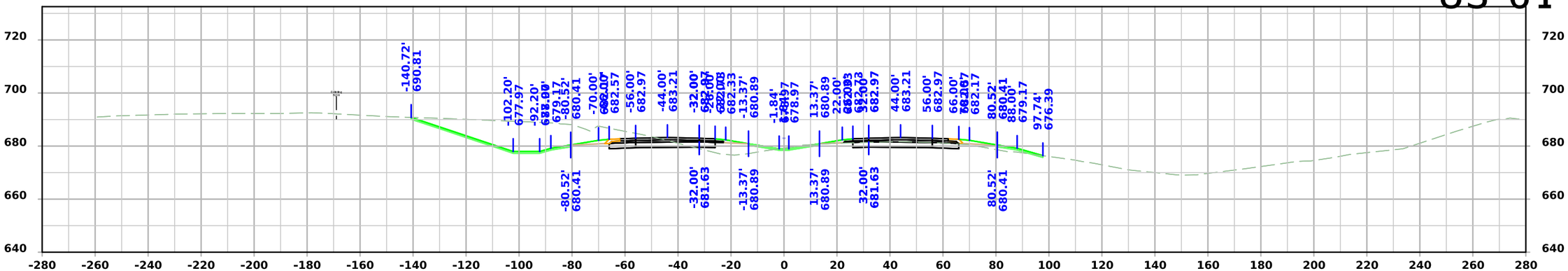


STA 2166+00.00

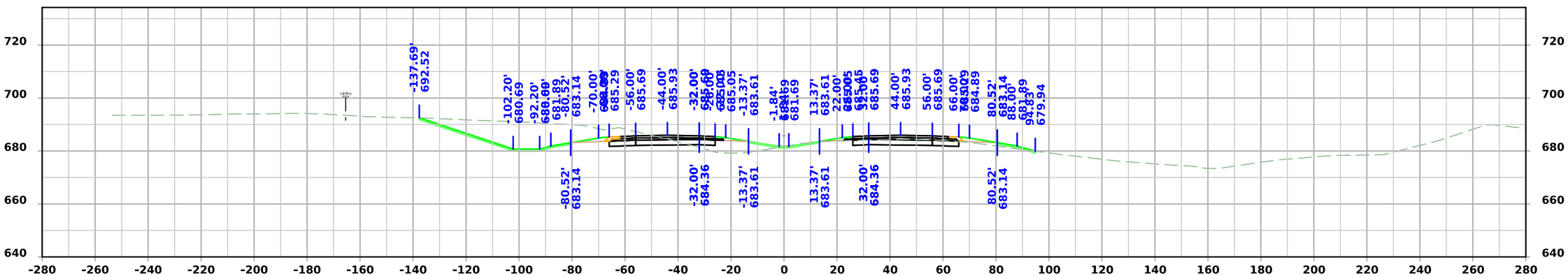
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.18

1:43:57 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

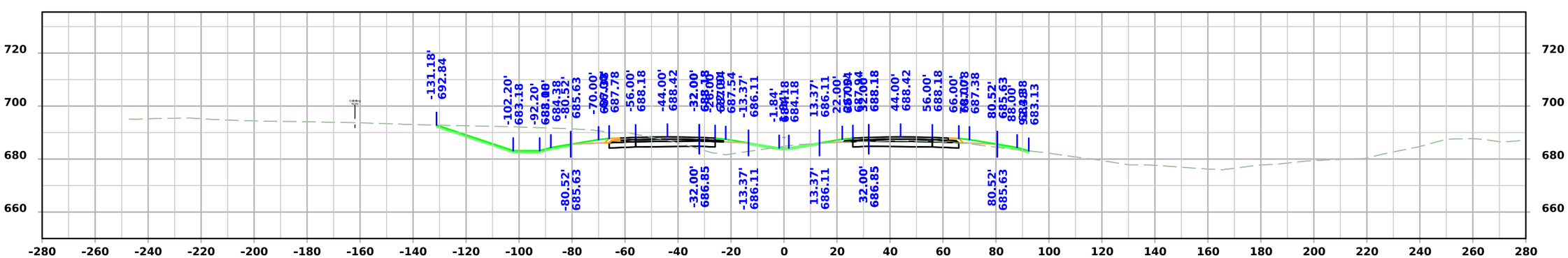
US 61



STA 2171+00.00



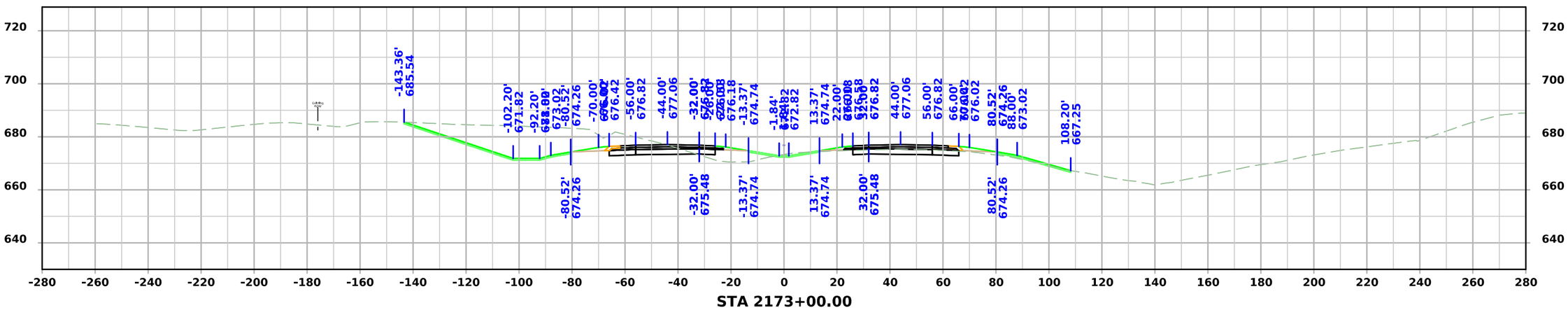
STA 2170+00.00

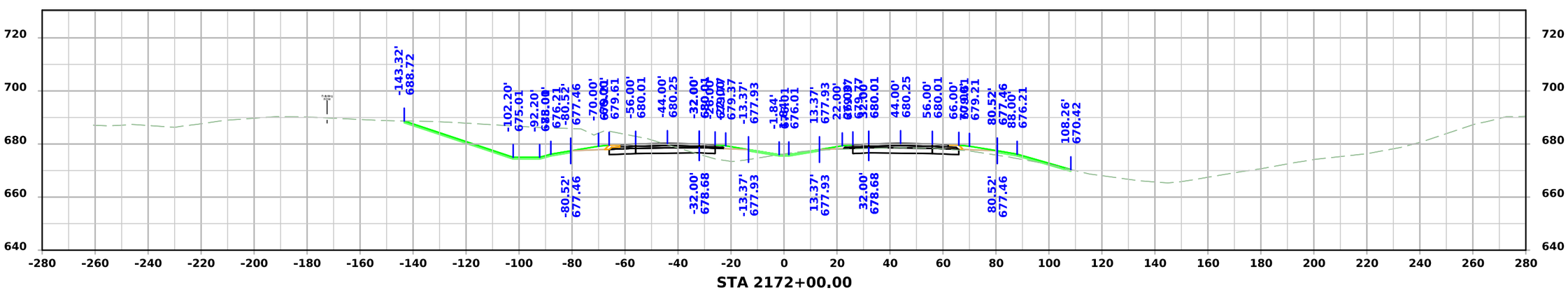


STA 2169+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.19

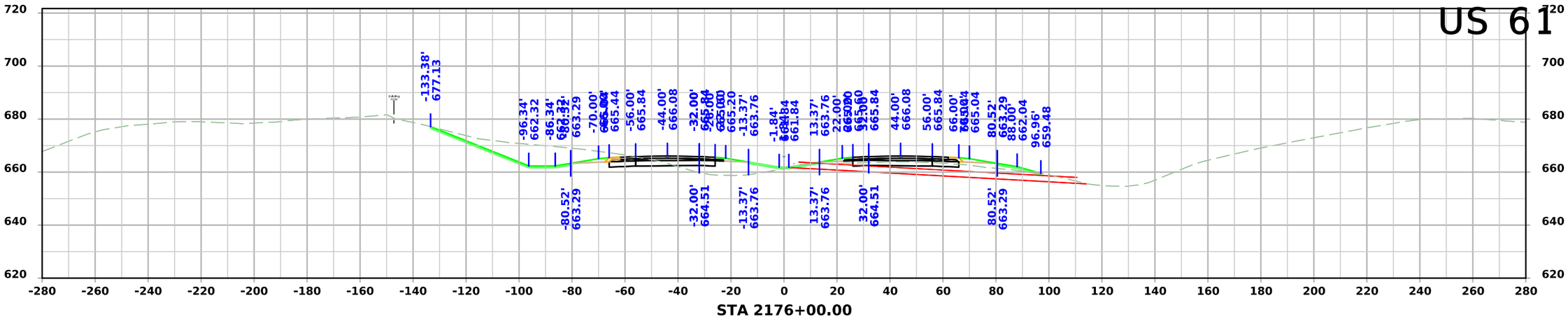
US 61

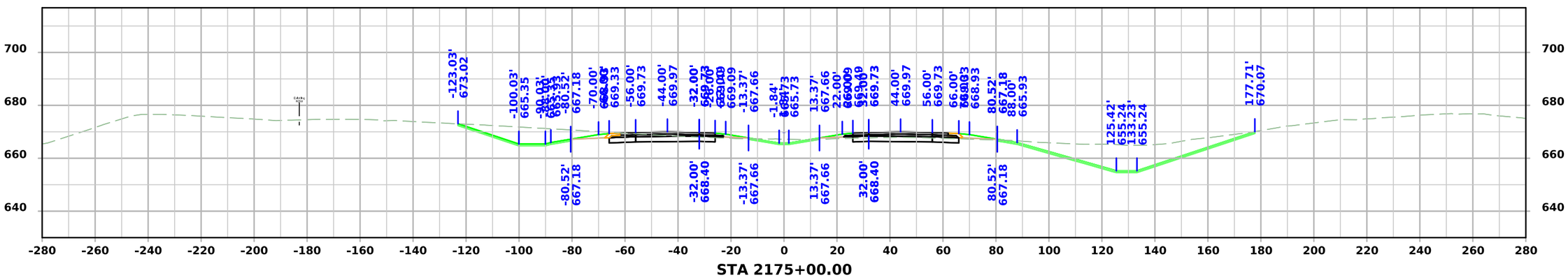


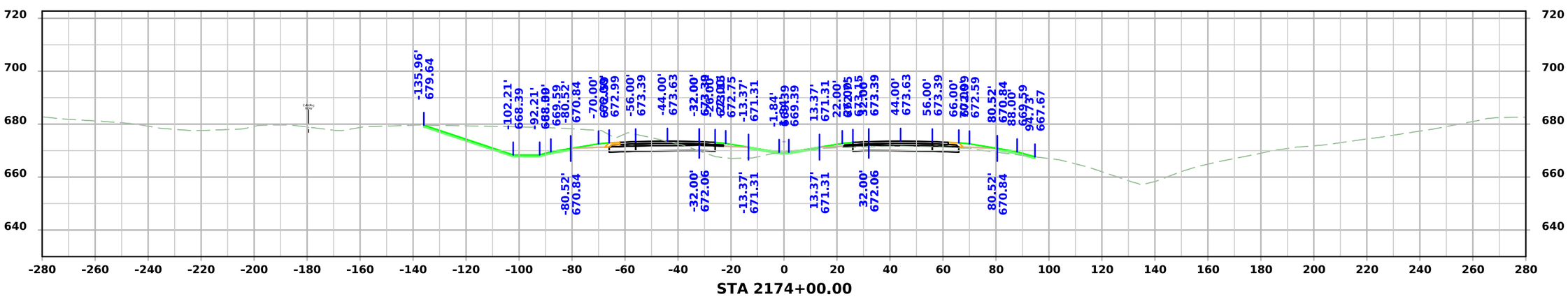


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.20

1:44:07 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14



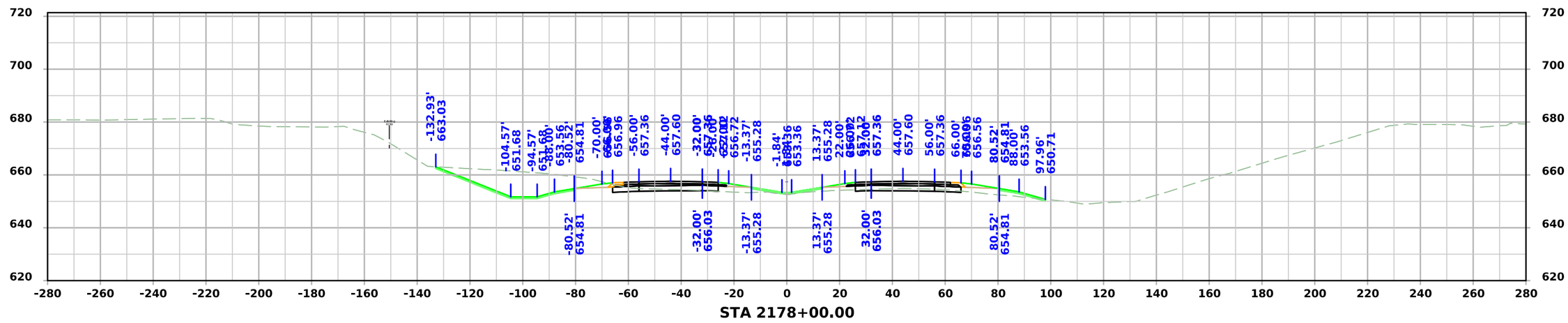


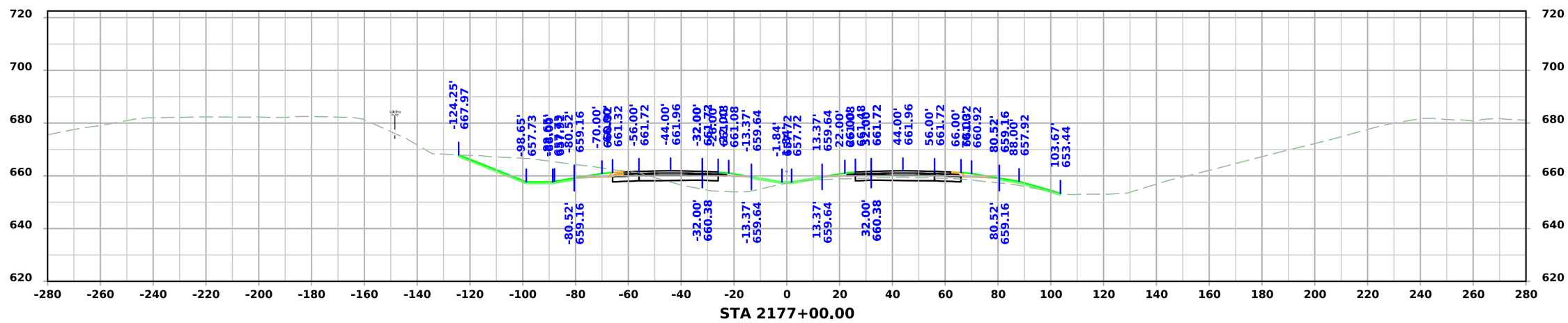


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.21

1:44:13 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

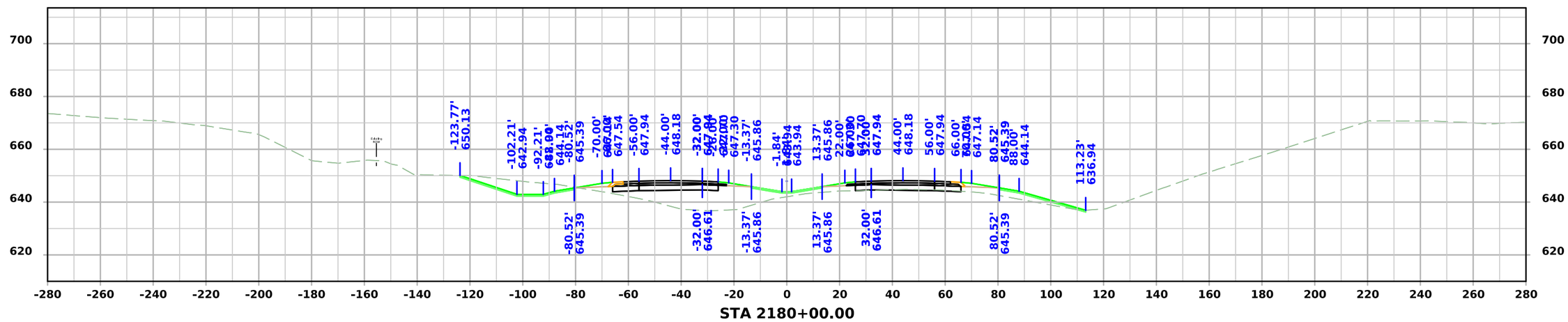
US 61

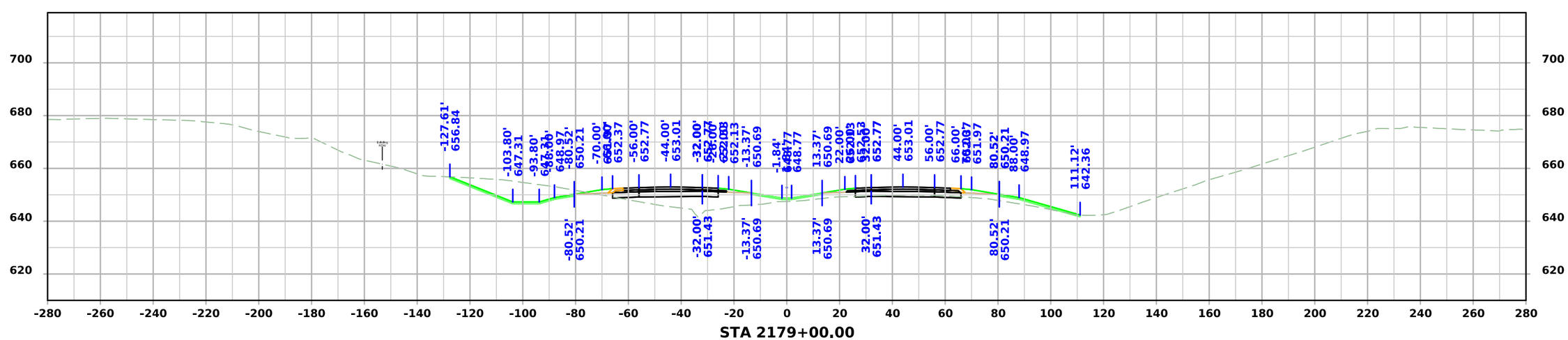




FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.22

US 61

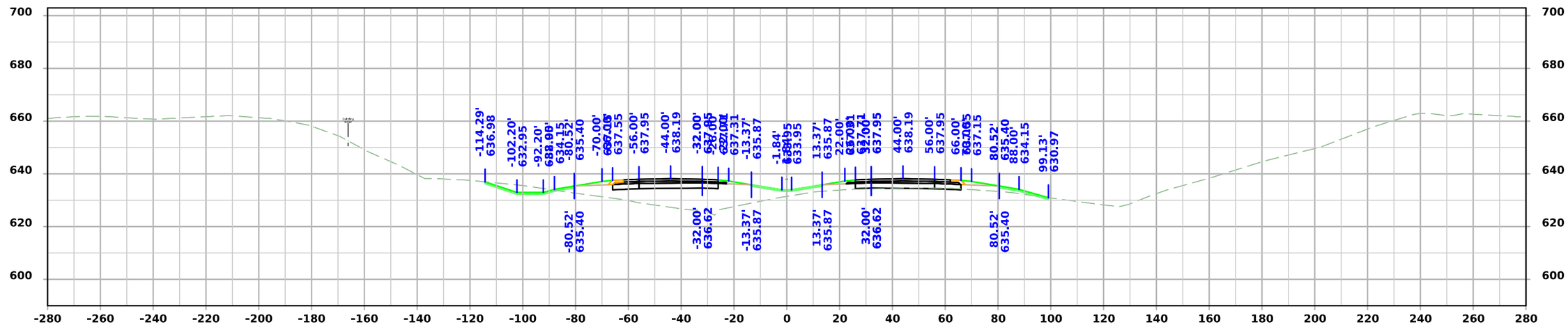


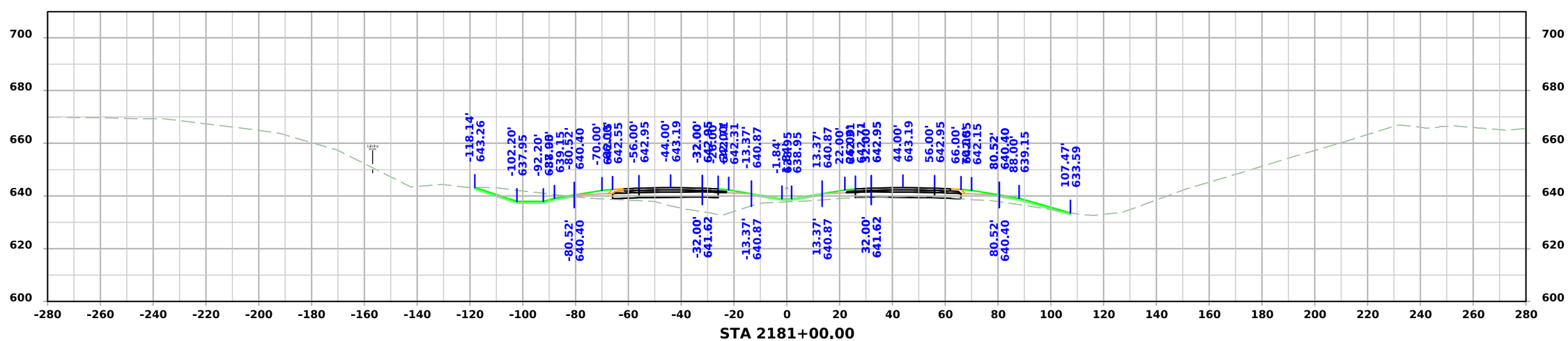


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.23

1:44:22 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61

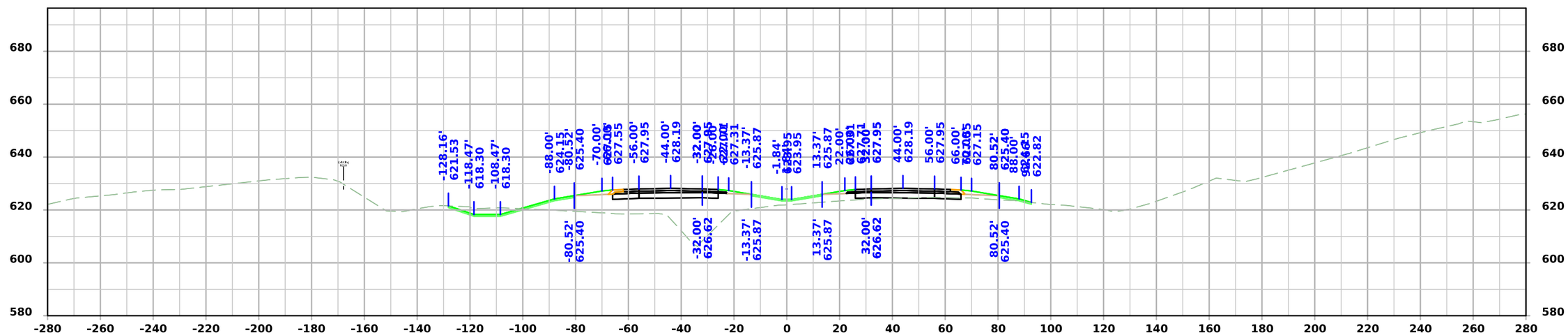


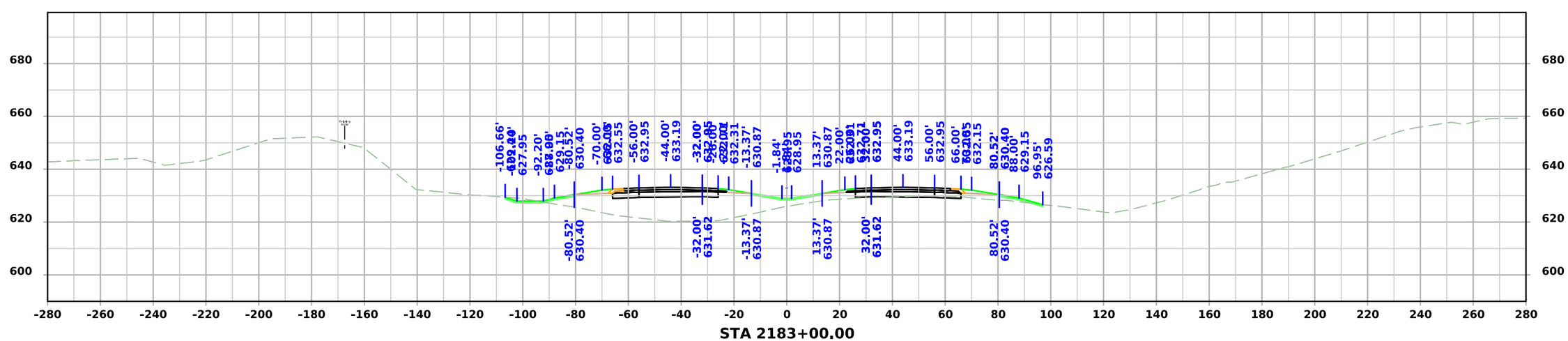


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.24

1:44:27 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61

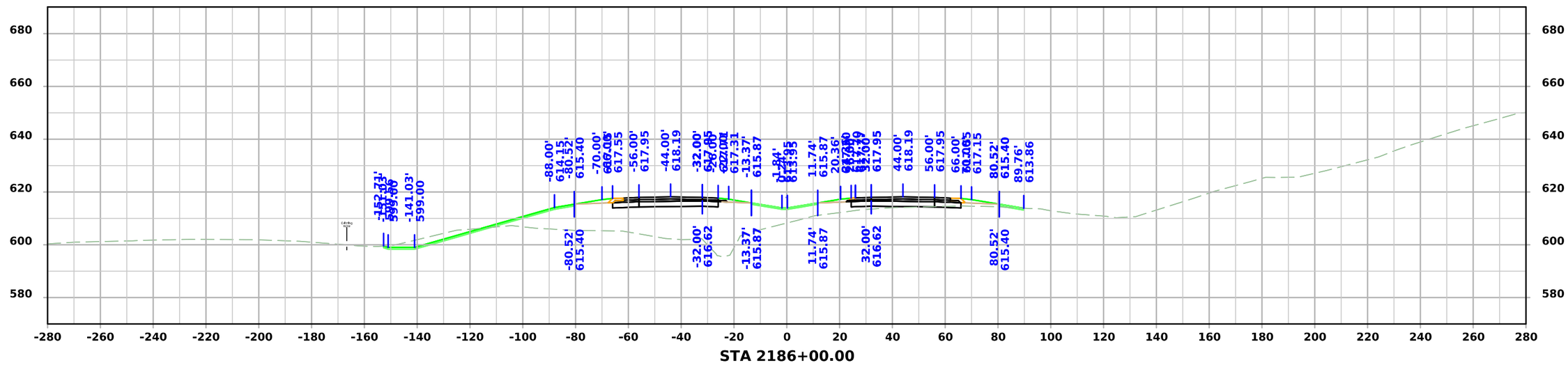




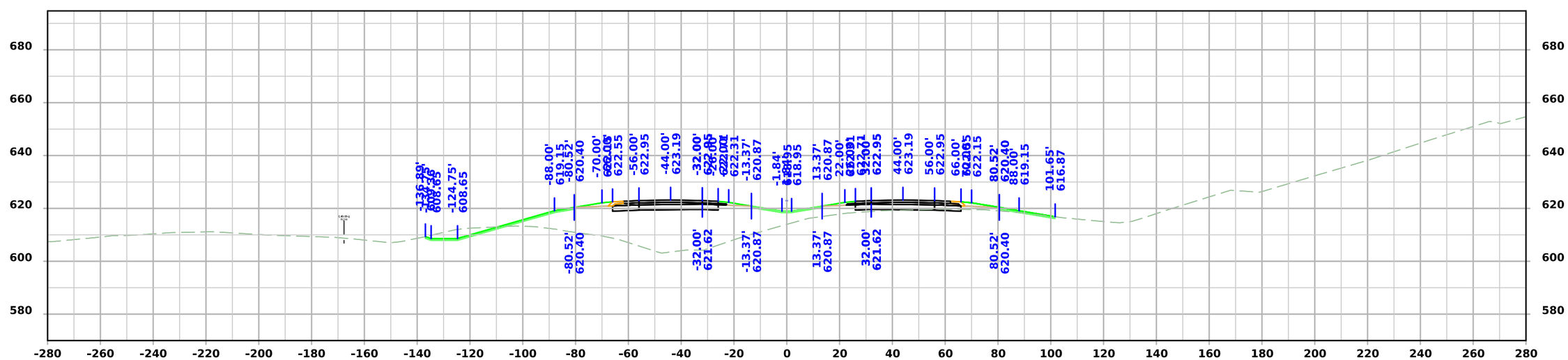
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.25

1:44:31 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



STA 2186+00.00

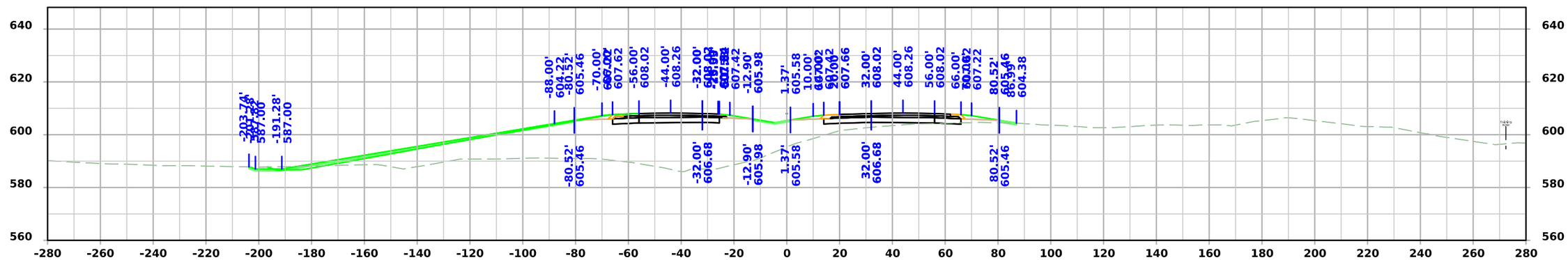


STA 2185+00.00

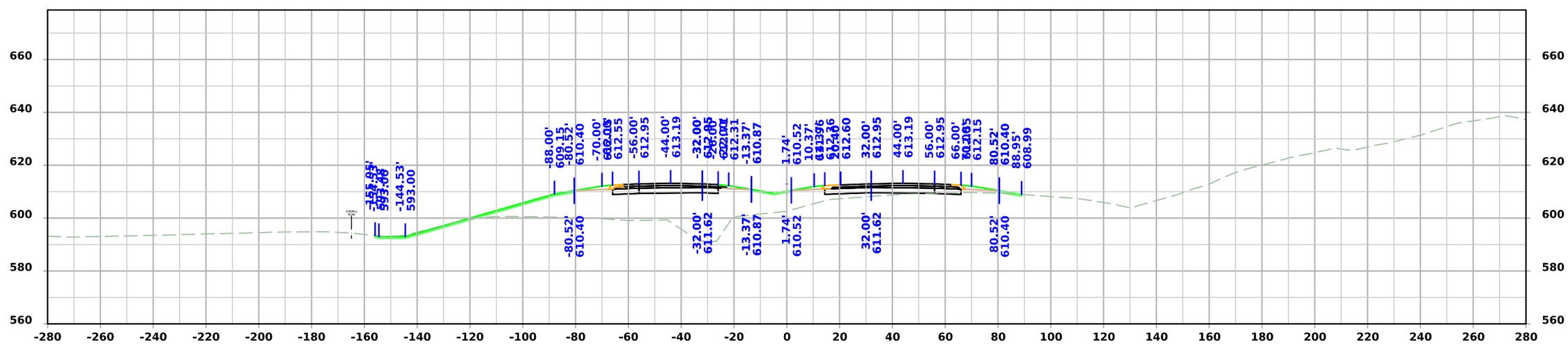
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.26

1:44:36 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



STA 2188+00.00

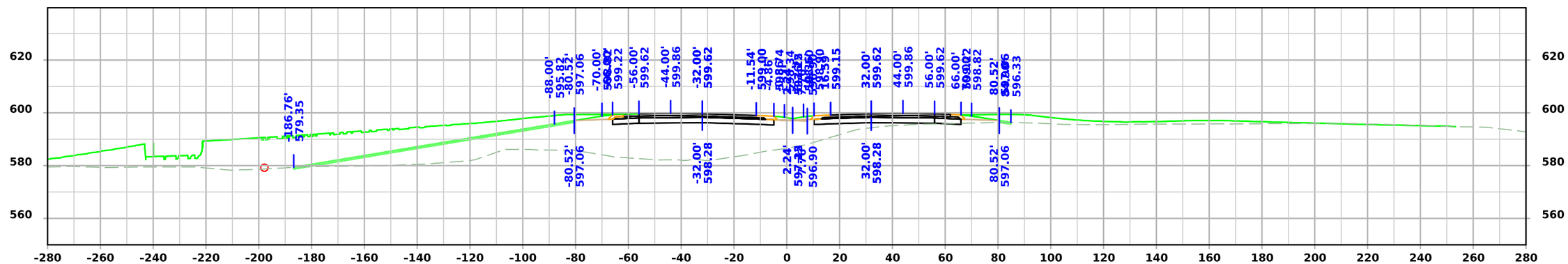


STA 2187+00.00

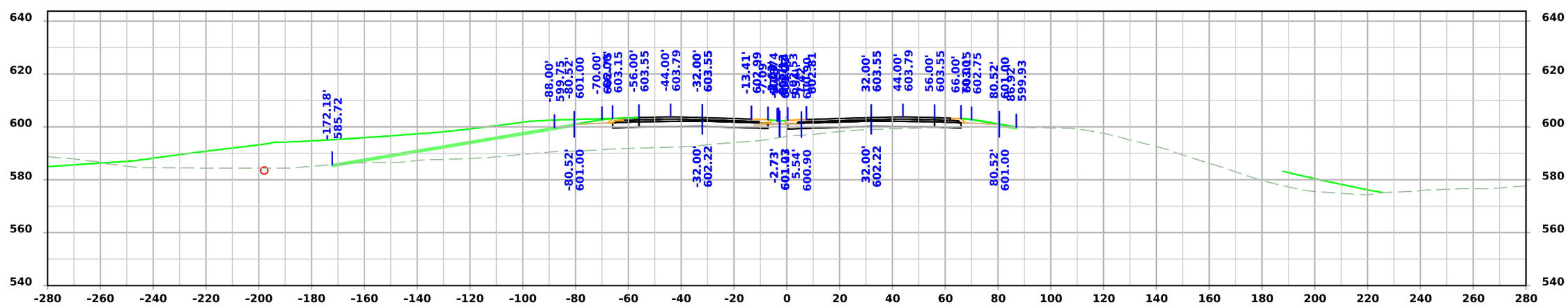
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.27

1:44:40 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



STA 2190+00.00

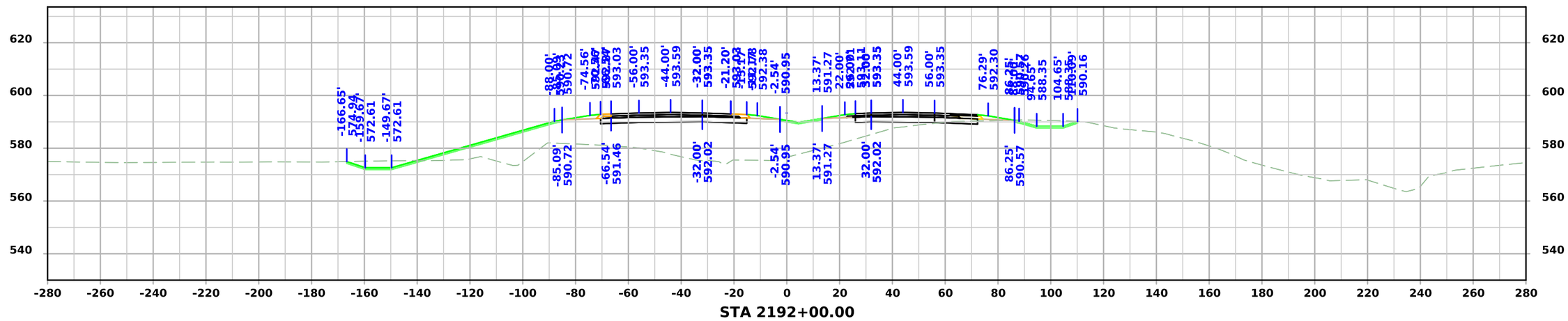


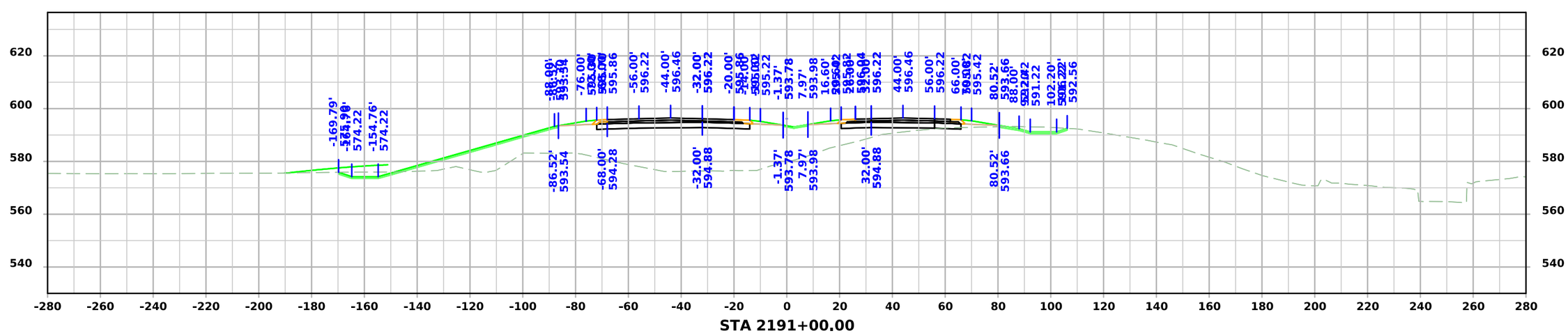
STA 2189+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.28

1:44:44 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61

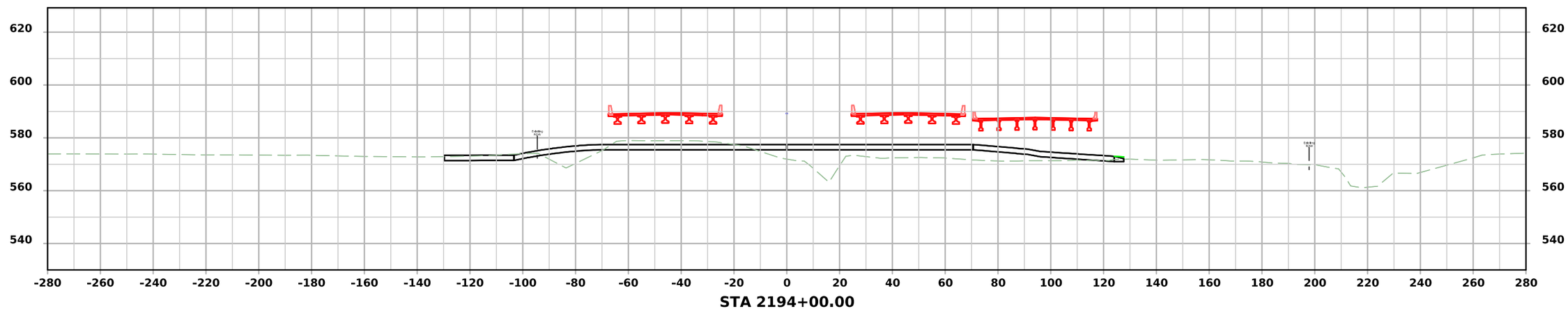


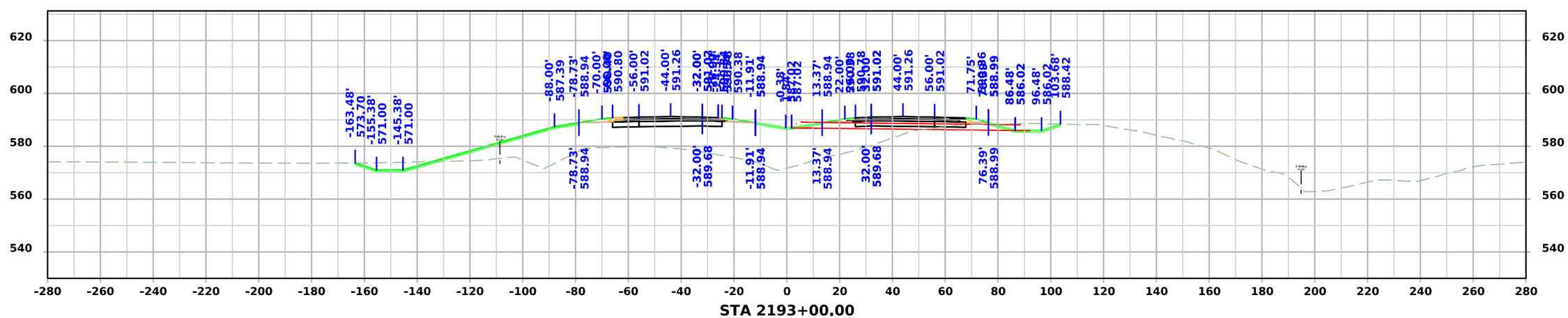


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.29

1:44:48 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

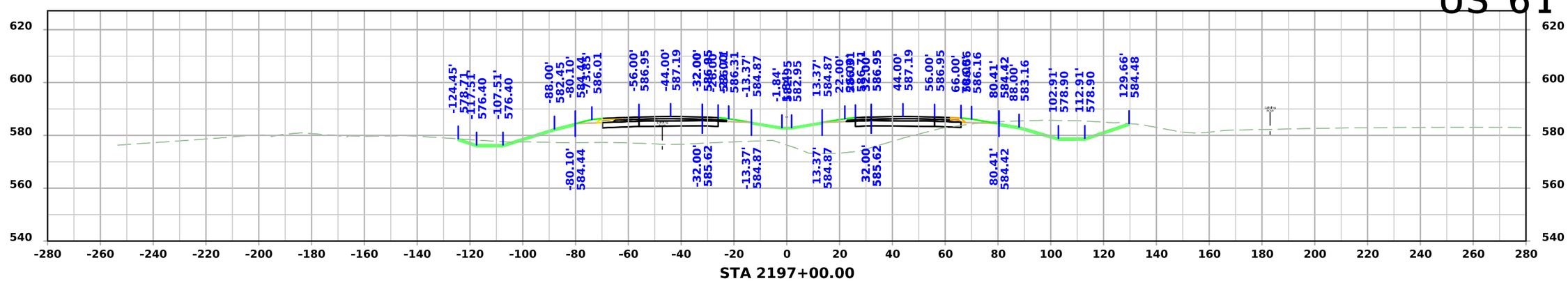
US 61

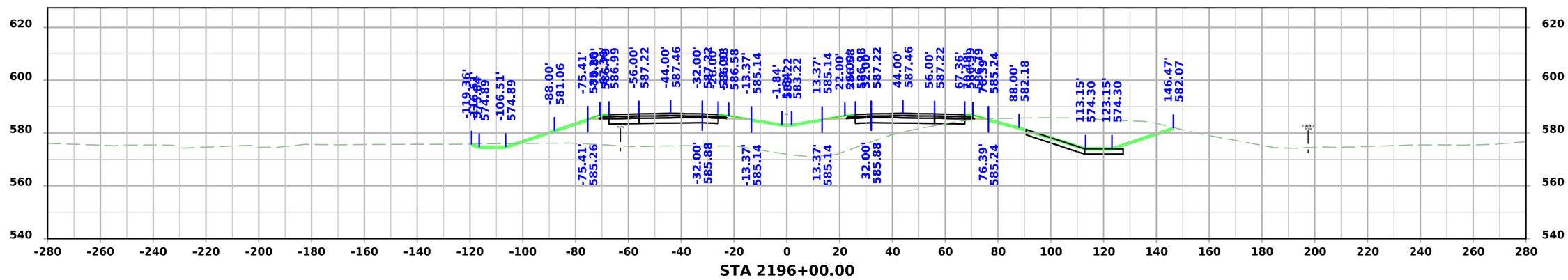


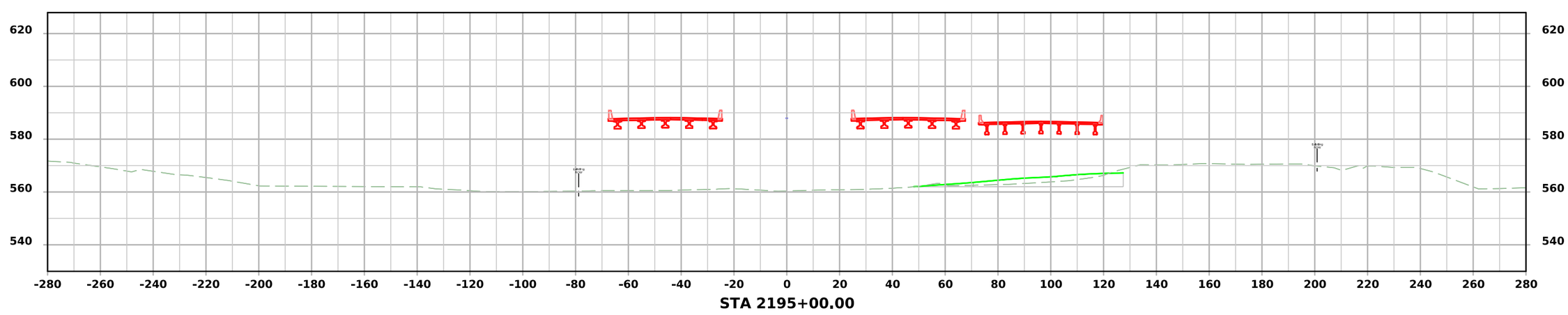


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.30

US 61



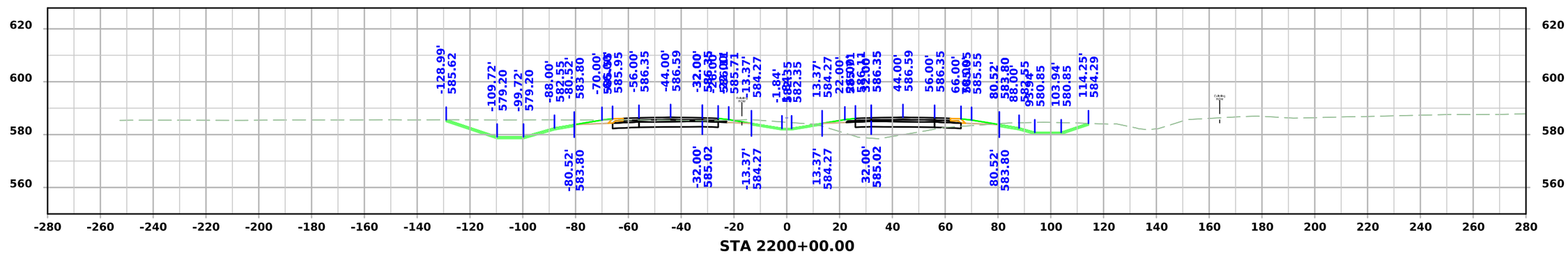




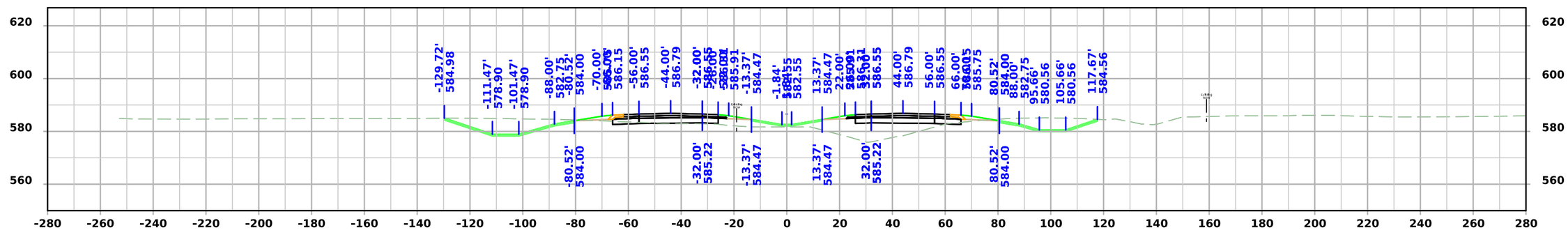
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.31

1:44:56 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

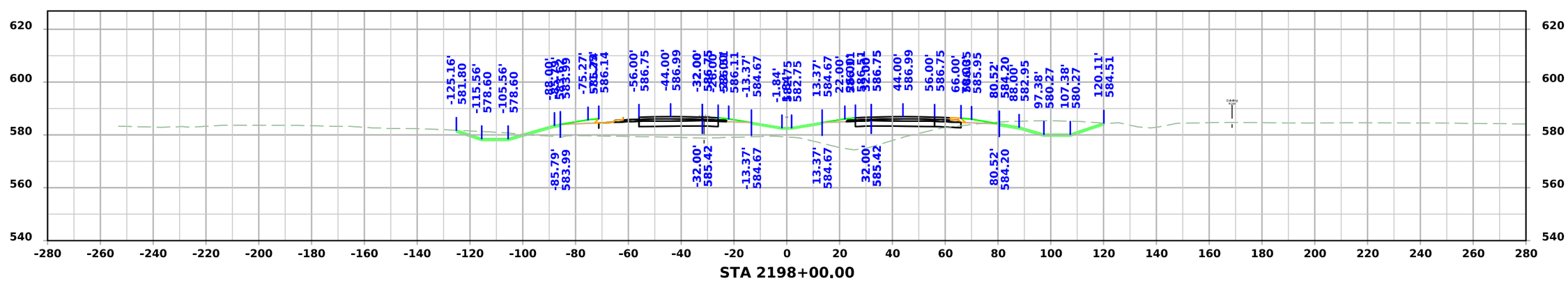
US 61



STA 2200+00.00



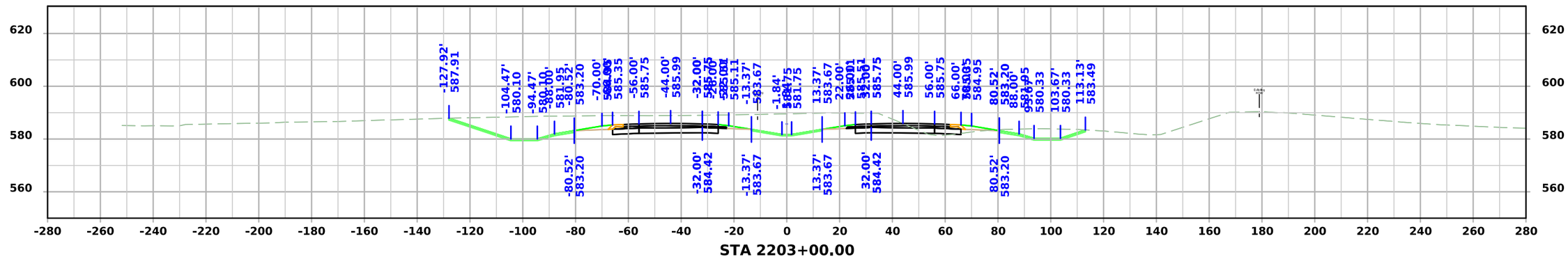
STA 2199+00.00

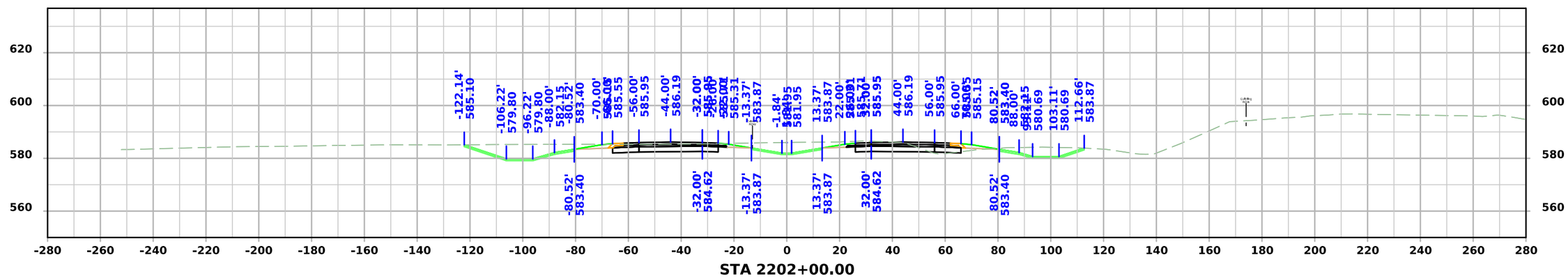


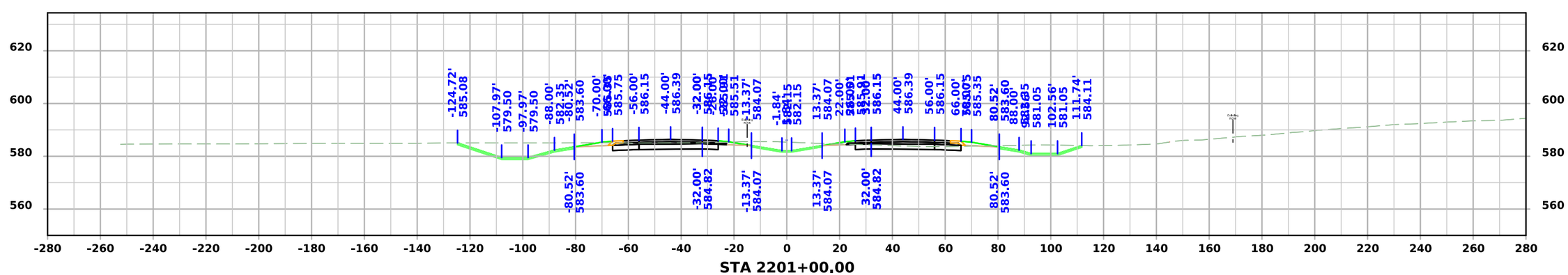
STA 2198+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.32

US 61



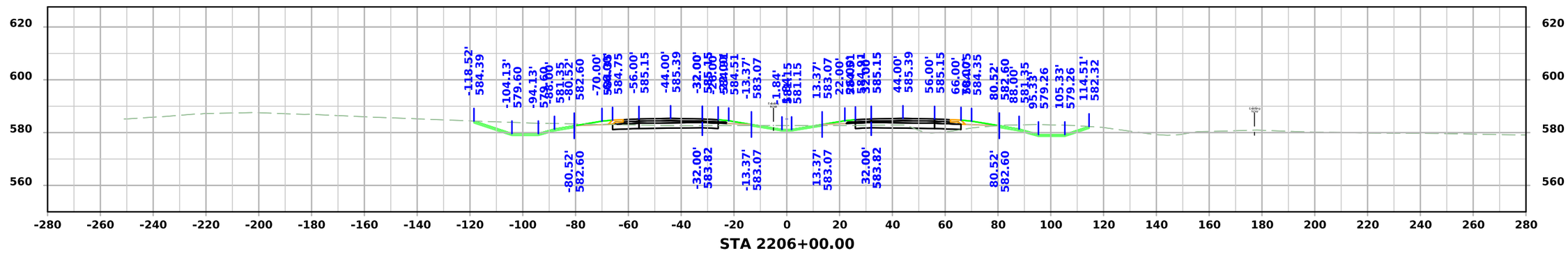


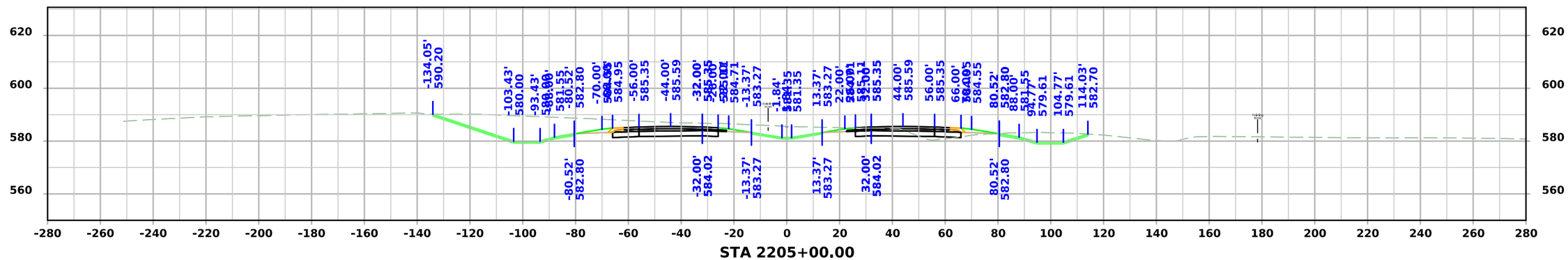


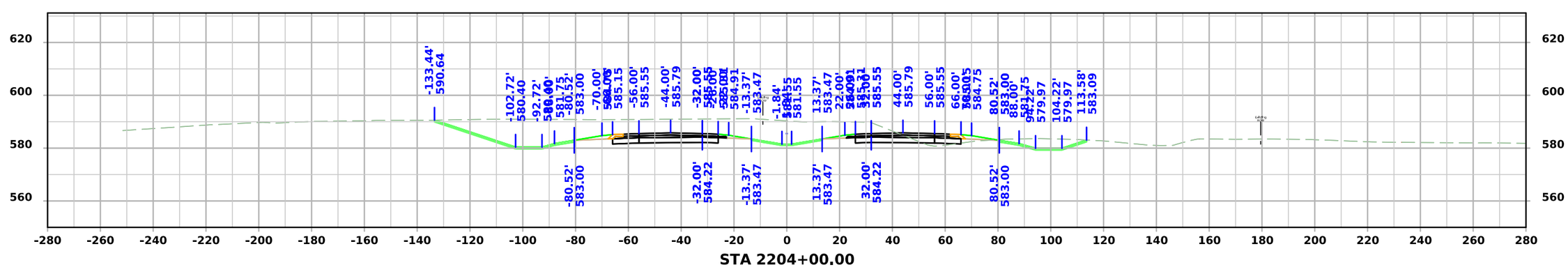
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.33

1:45:05 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



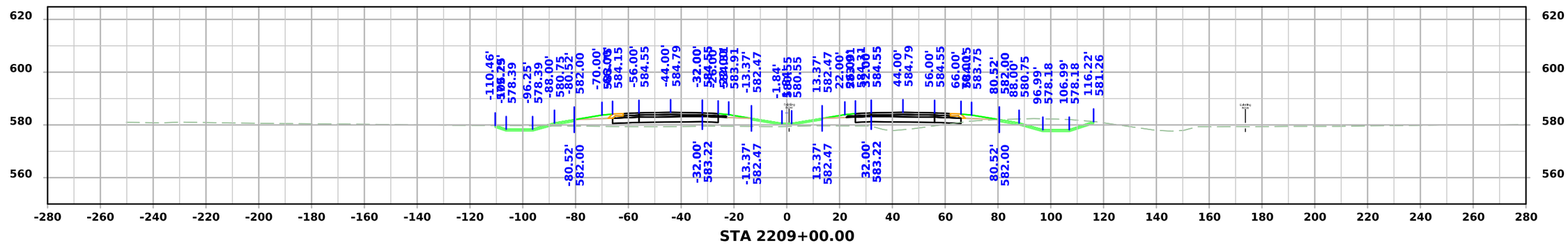




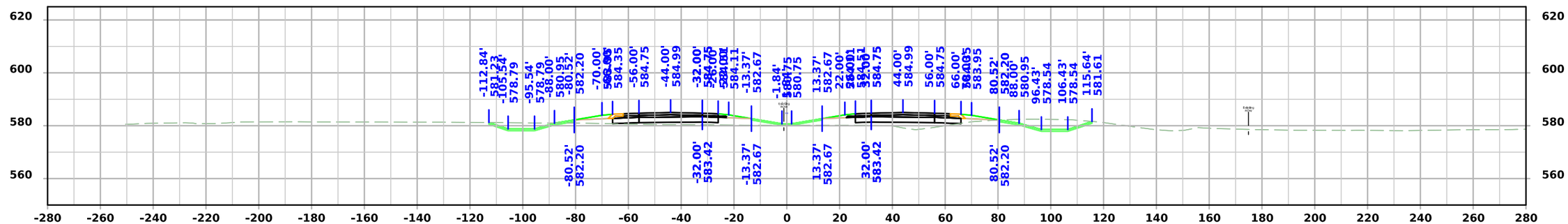
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.34

1:45:10 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

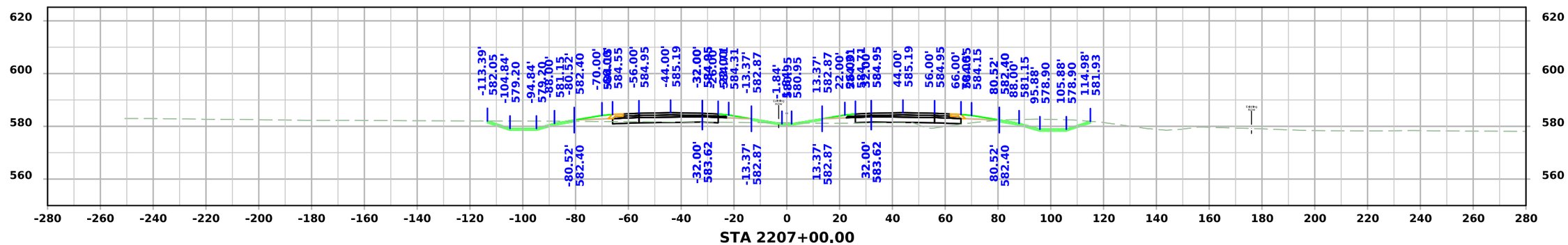
US 61



STA 2209+00.00



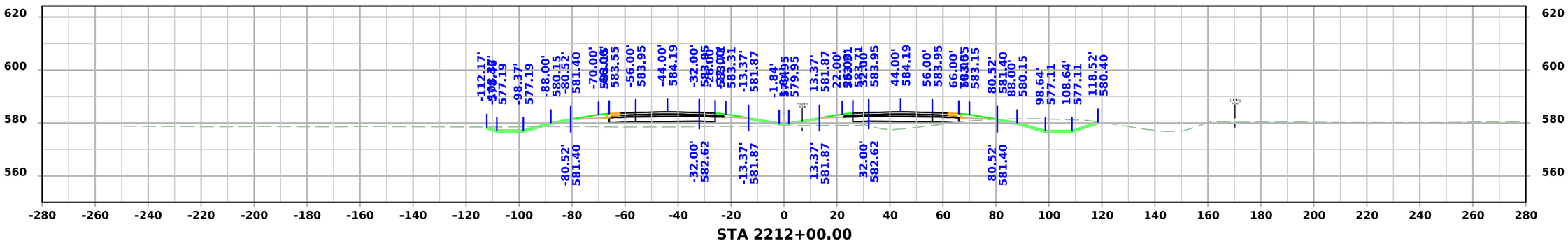
STA 2208+00.00

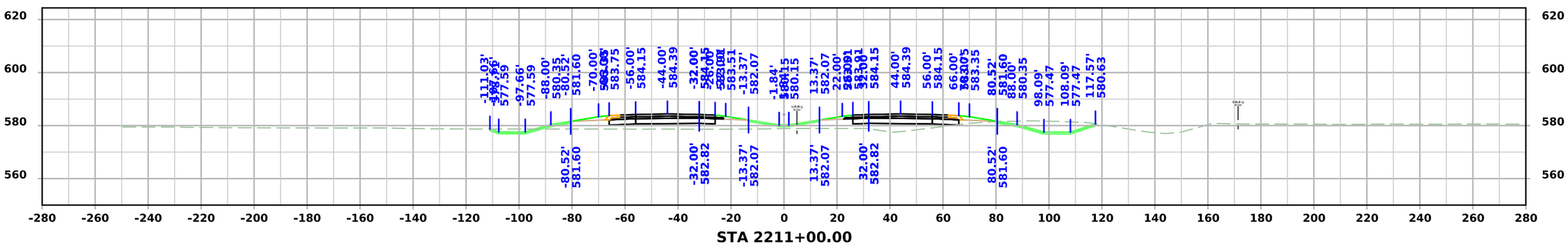


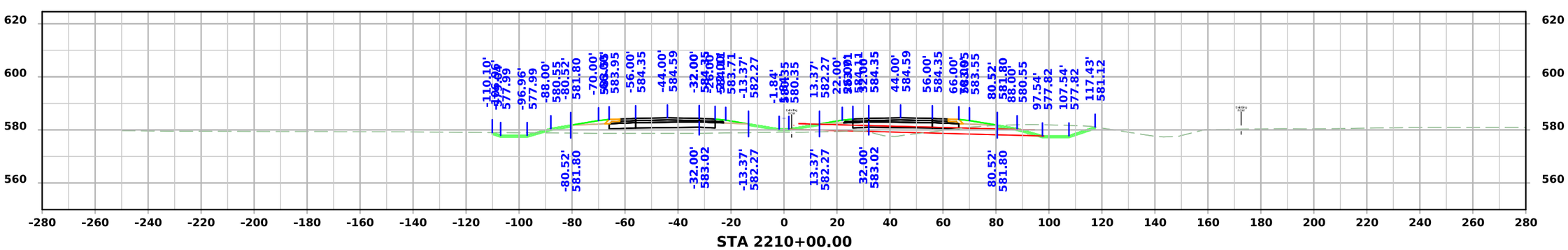
STA 2207+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.35

US 61

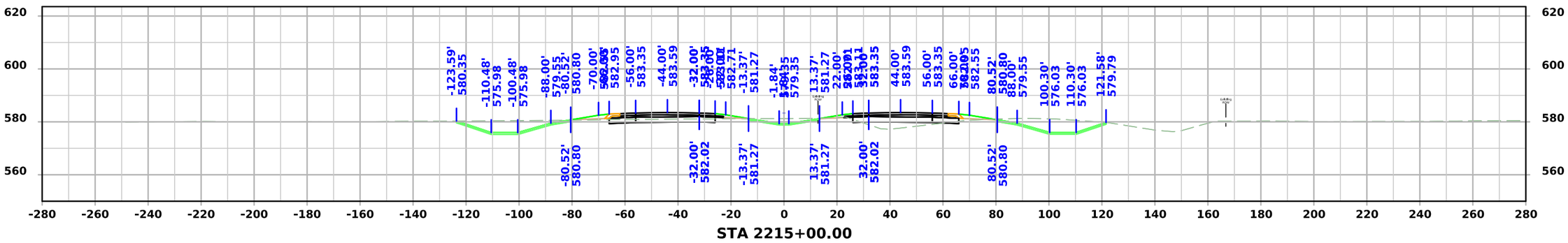


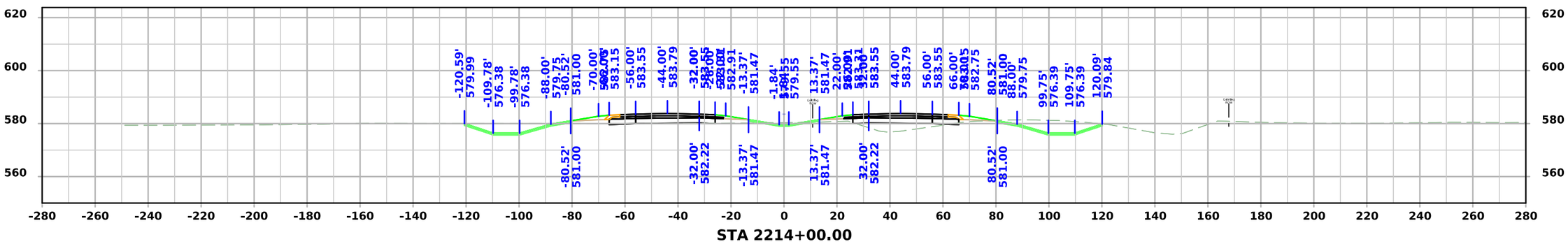


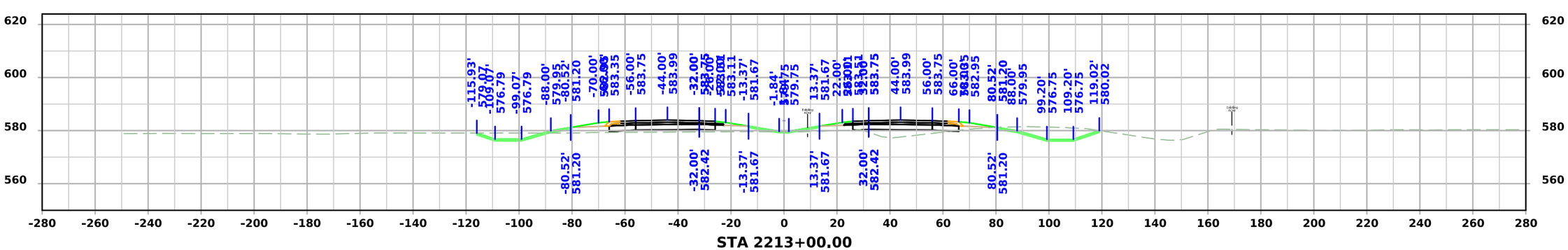


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.36

US 61

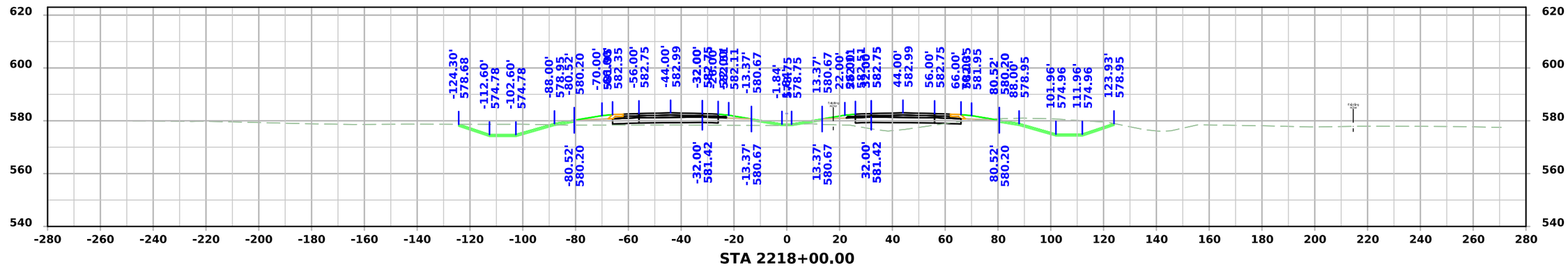




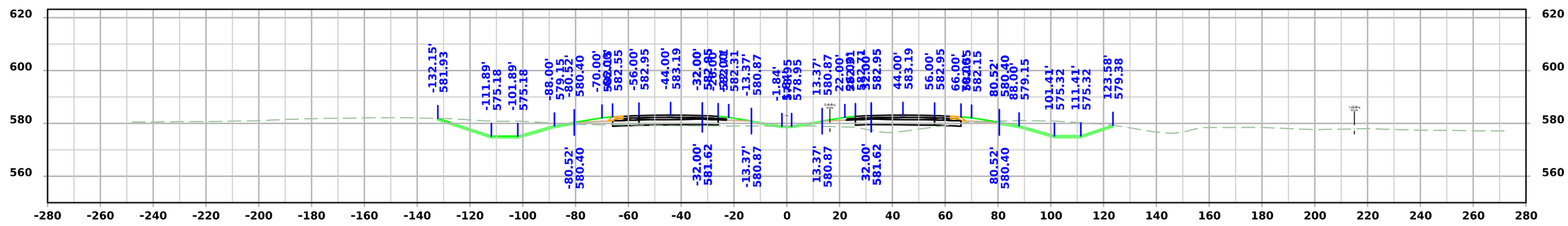


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.37

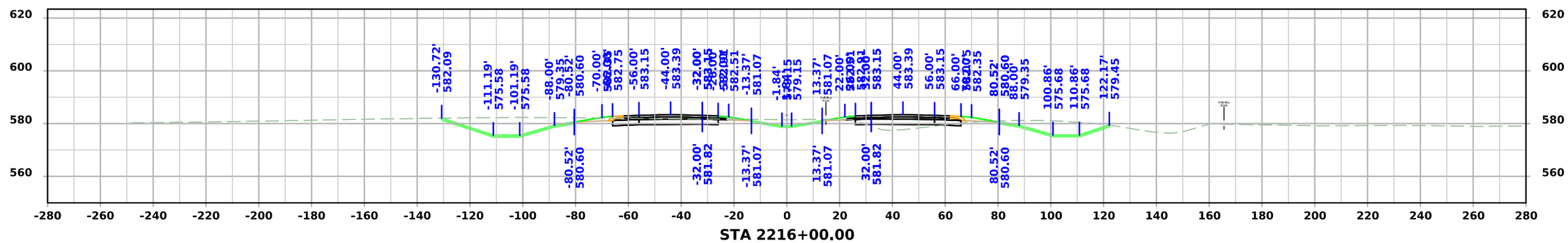
US 61



STA 2218+00.00



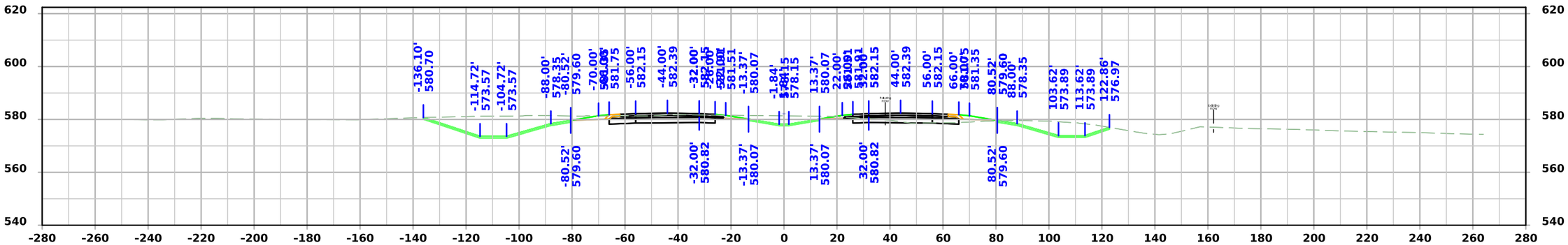
STA 2217+00.00



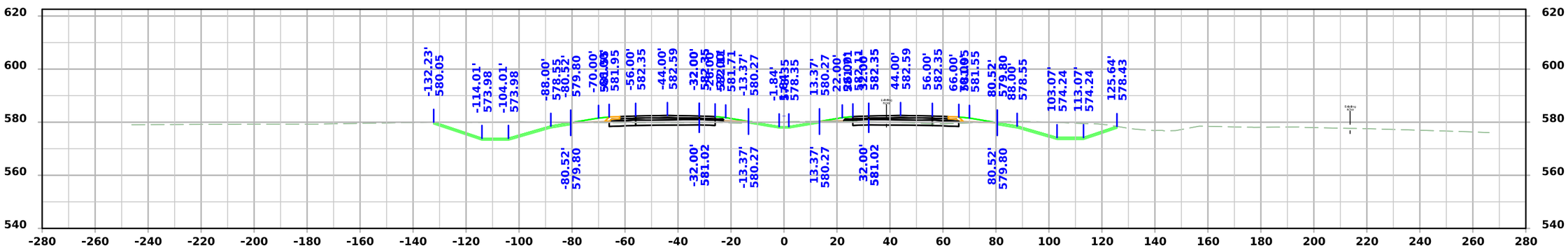
STA 2216+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.38

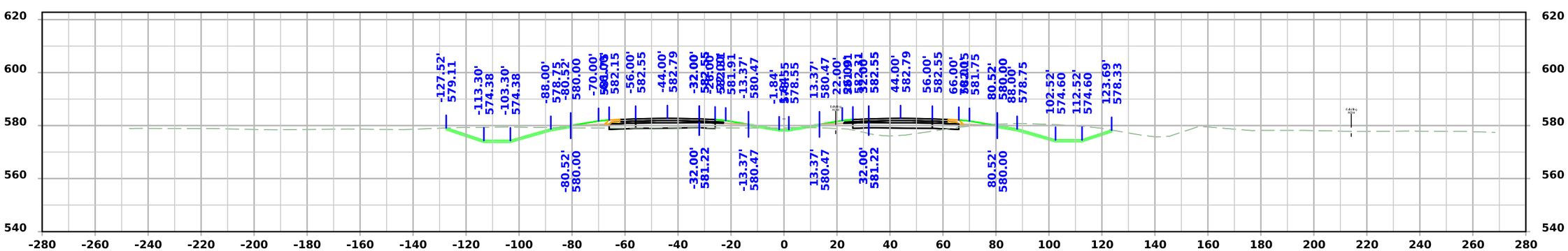
US 61



STA 2221+00.00



STA 2220+00.00

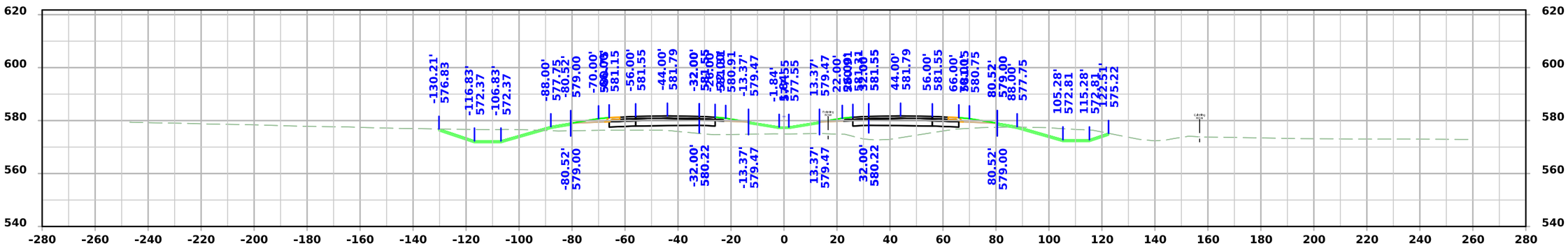


STA 2219+00.00

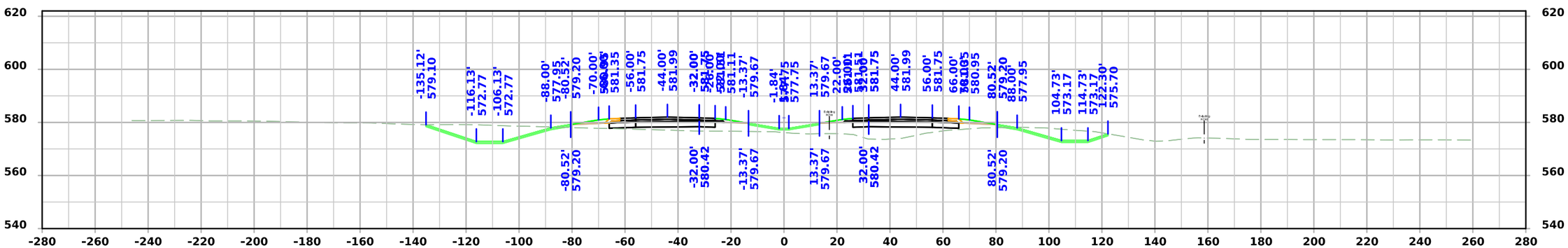
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.39

1:45:33 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

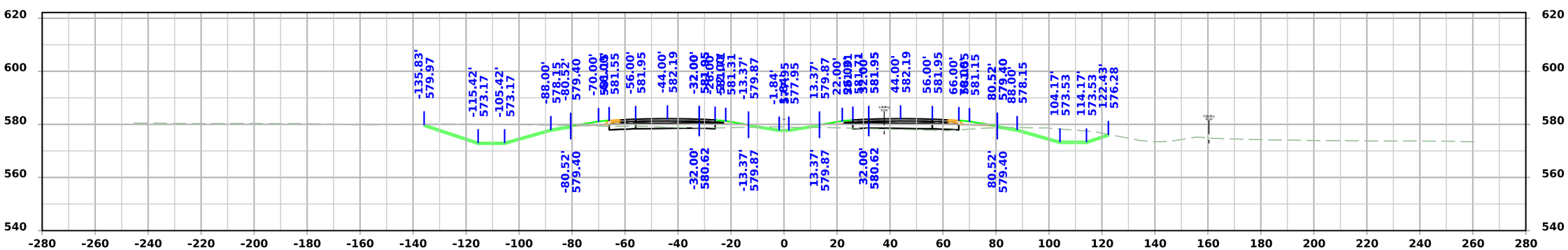
US 61



STA 2224+00.00



STA 2223+00.00

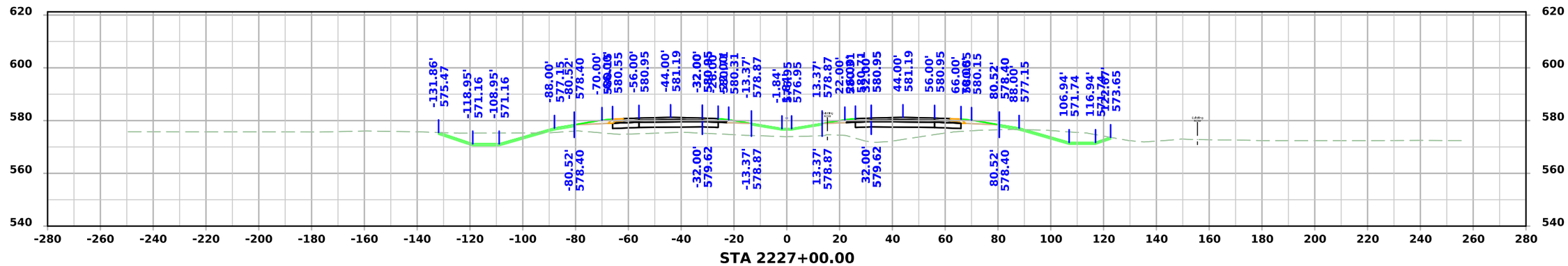


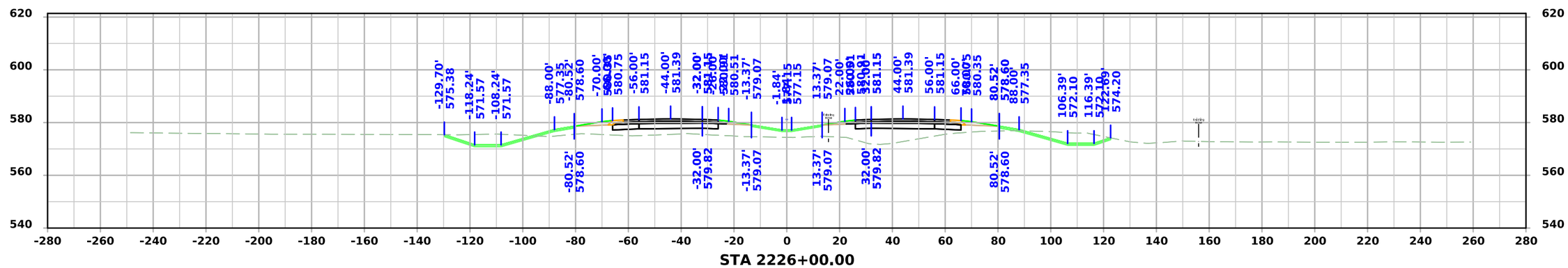
STA 2222+00.00

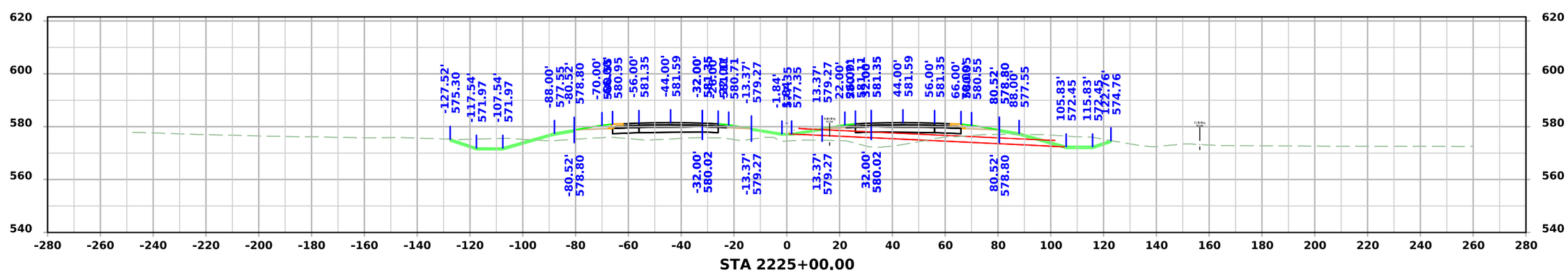
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.40

1:45:38 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



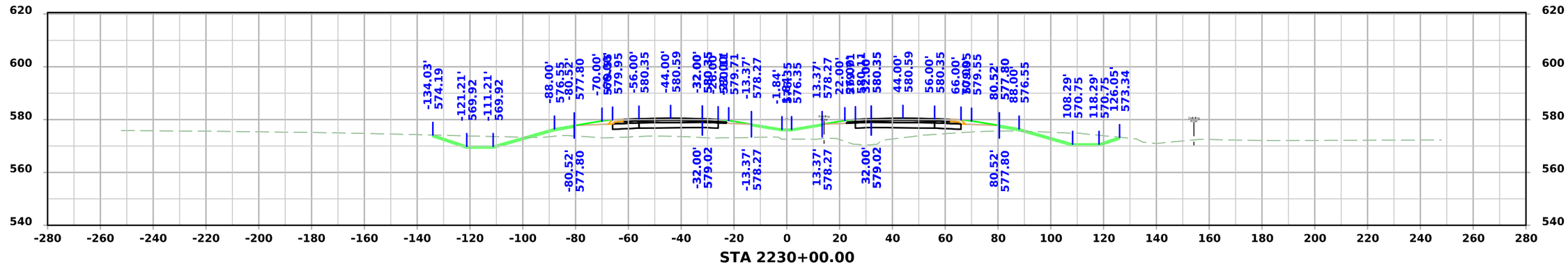


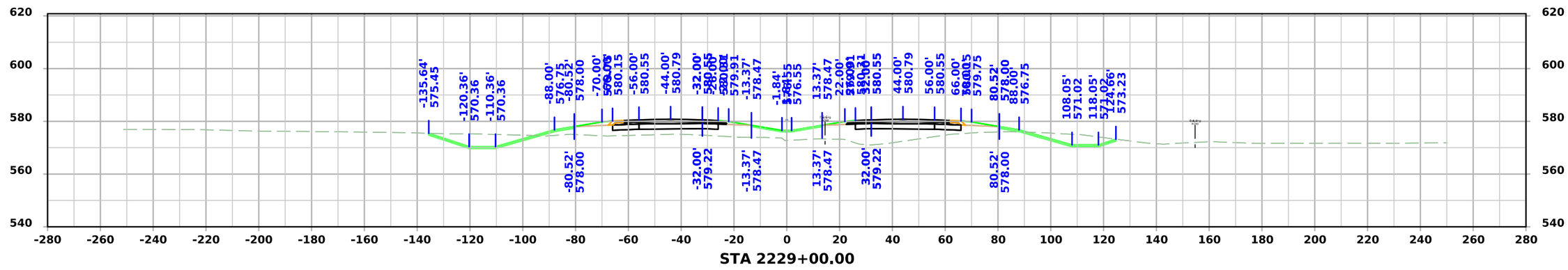


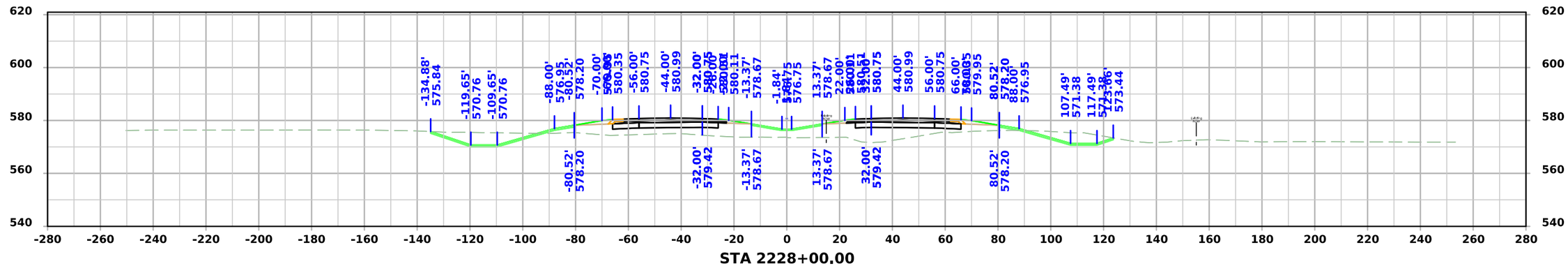
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.41

1:45:43 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



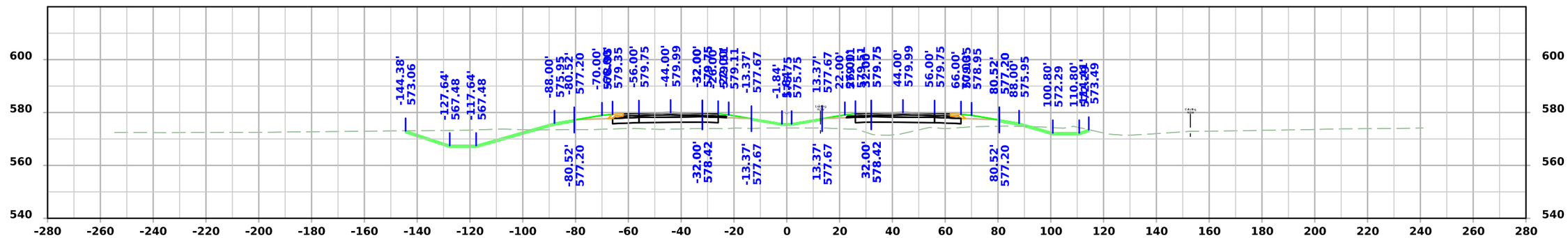


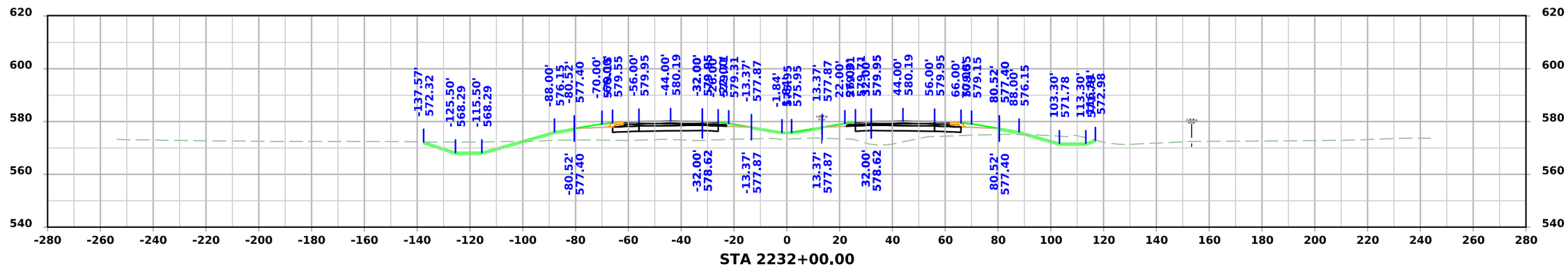


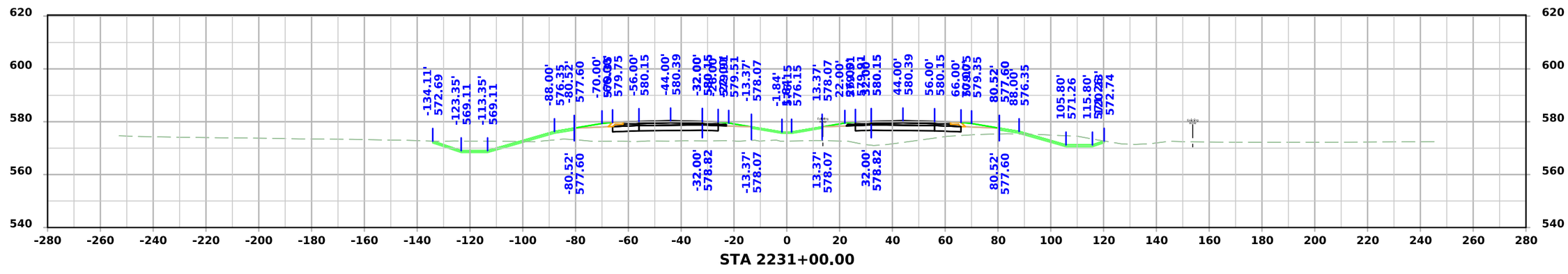
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.42

1:45:47 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



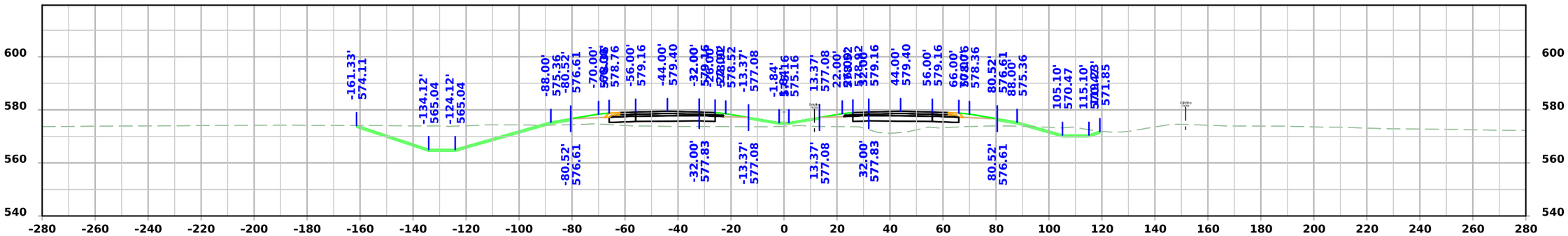




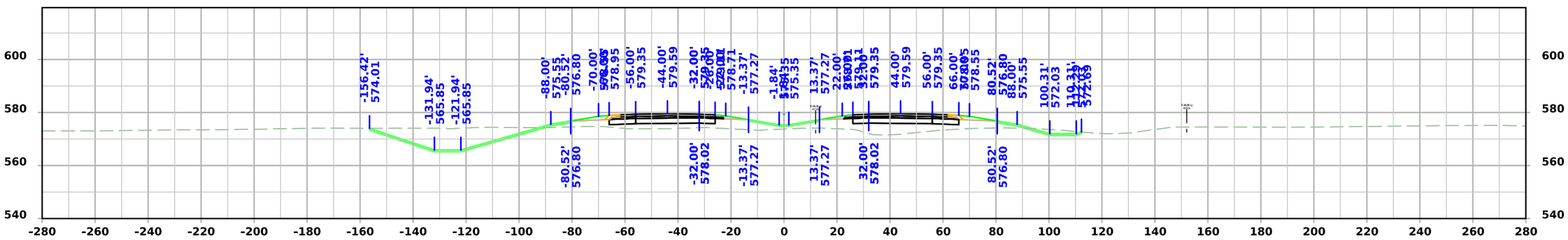
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.43

1:45:52 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

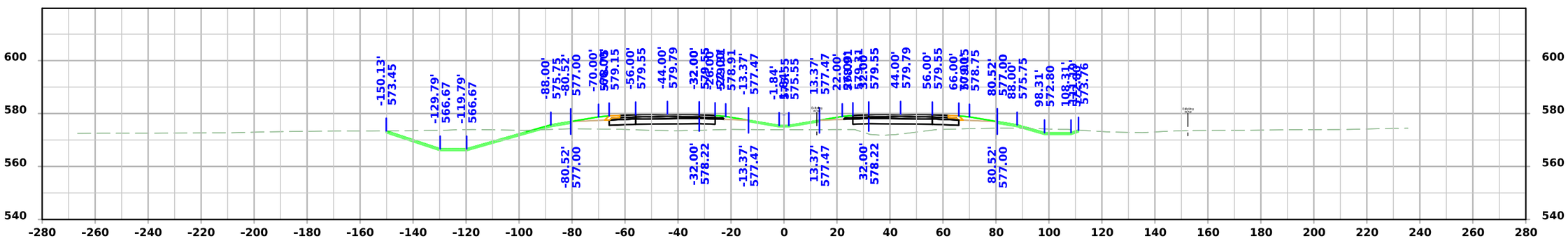
US 61



STA 2236+00.00



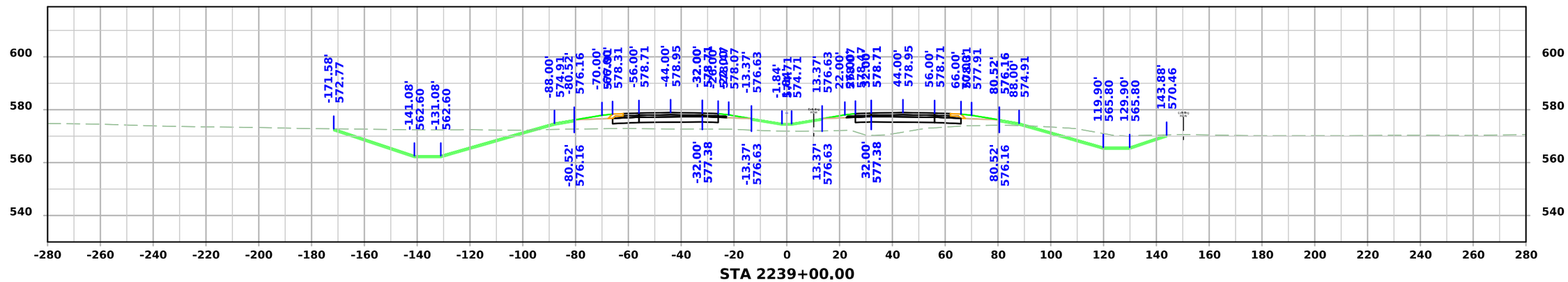
STA 2235+00.00

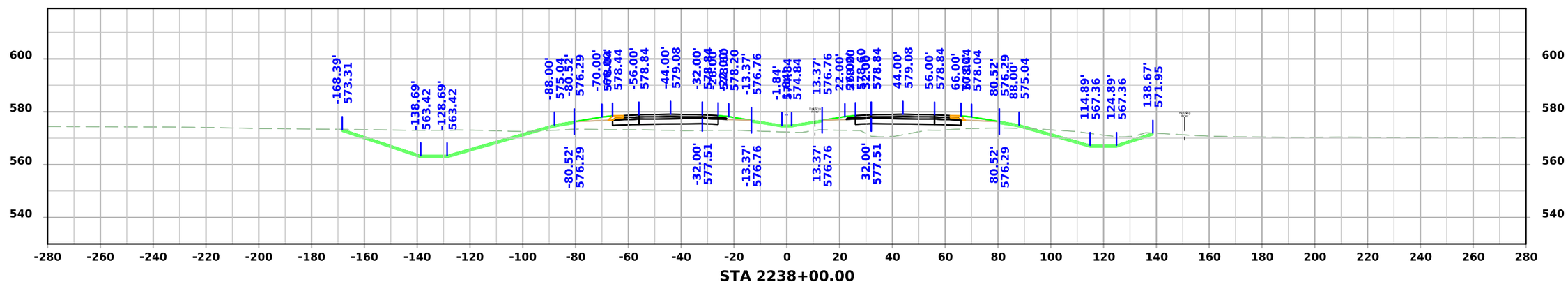


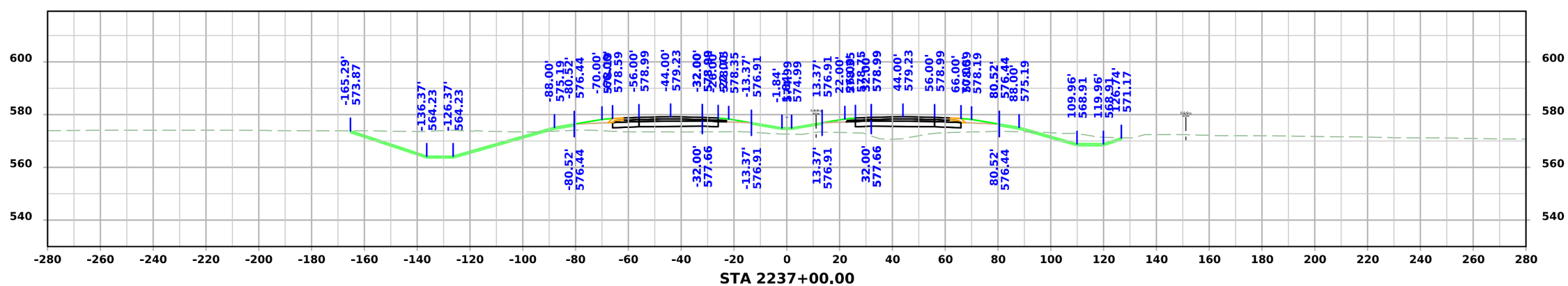
STA 2234+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.44

US 61



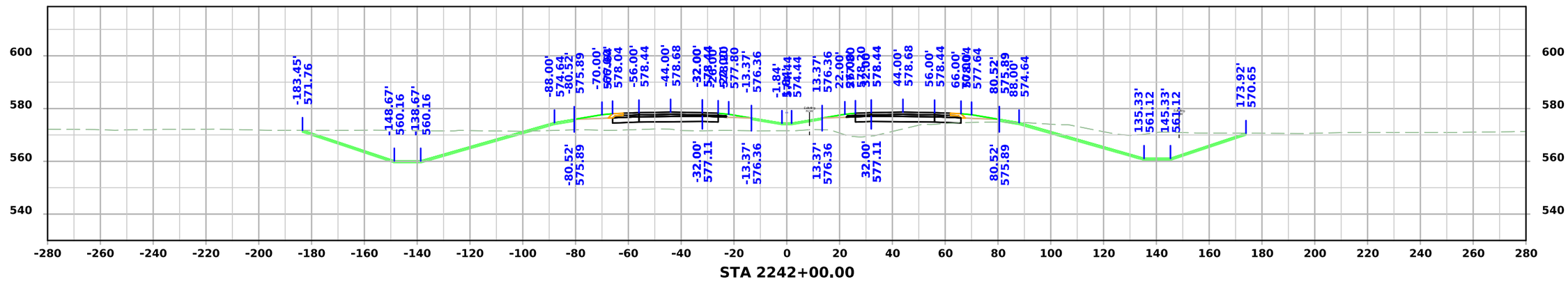


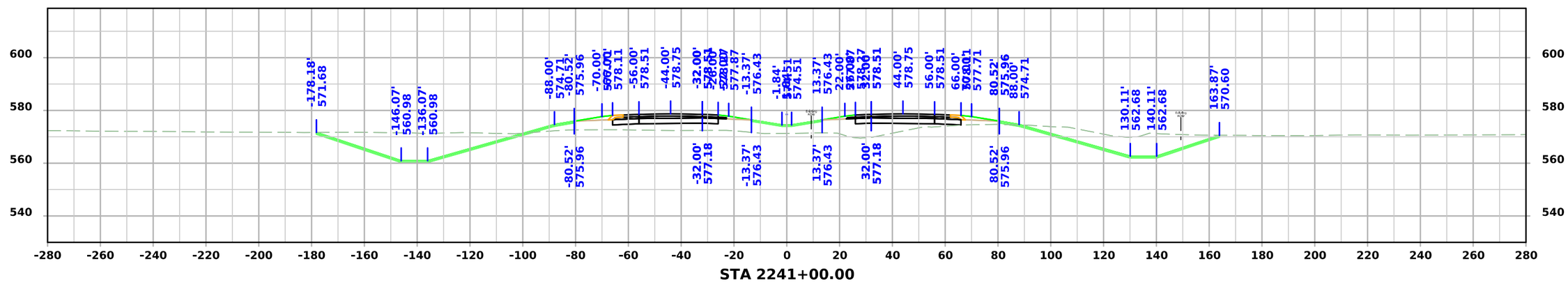


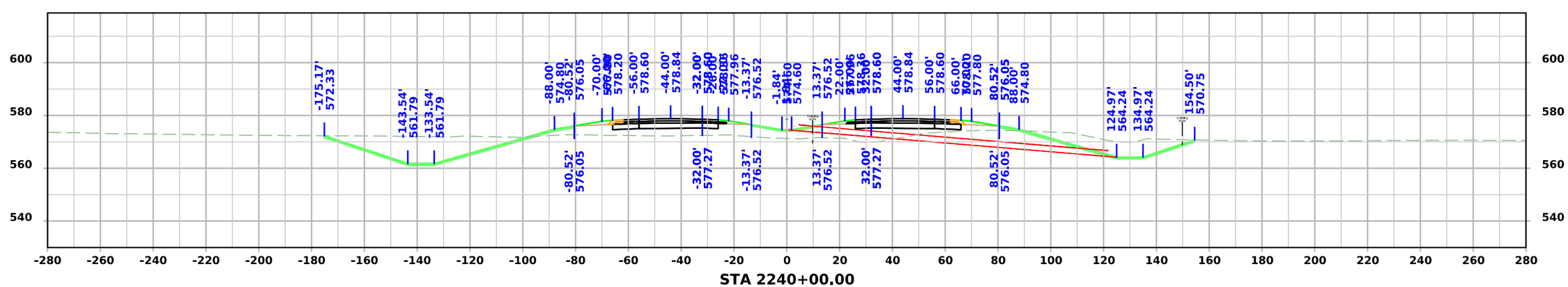
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.45

1:46:02 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61

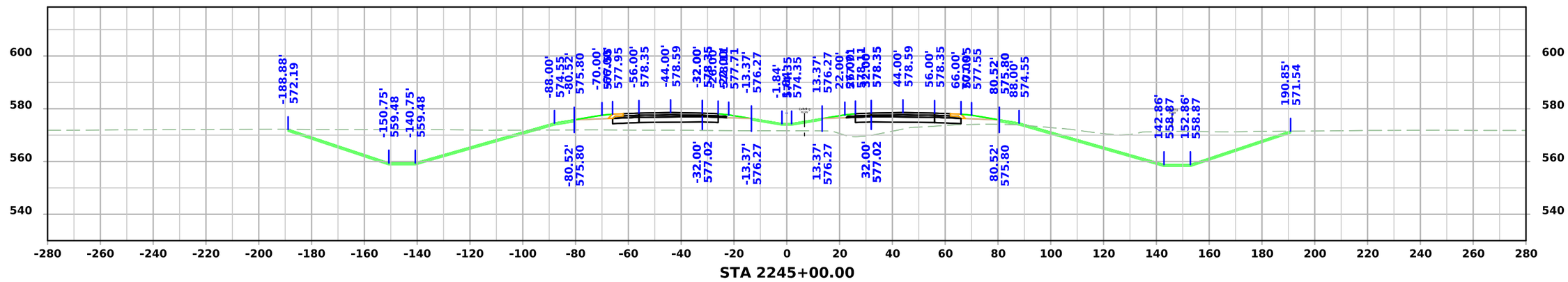




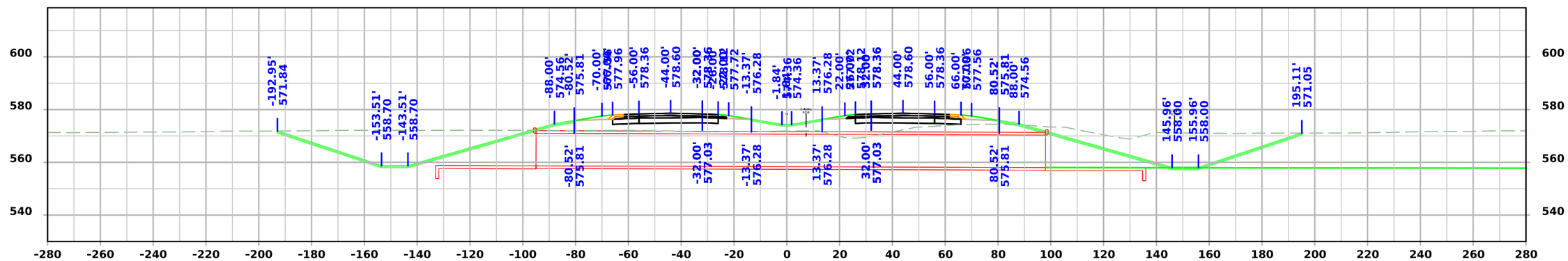


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.46

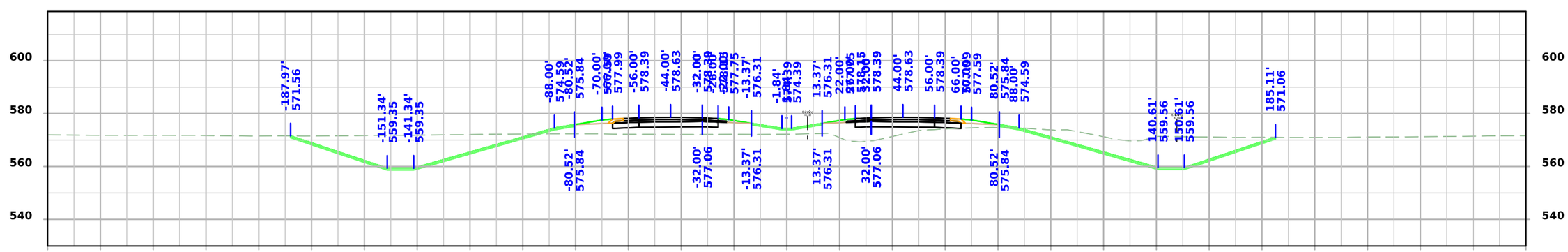
US 61



STA 2245+00.00



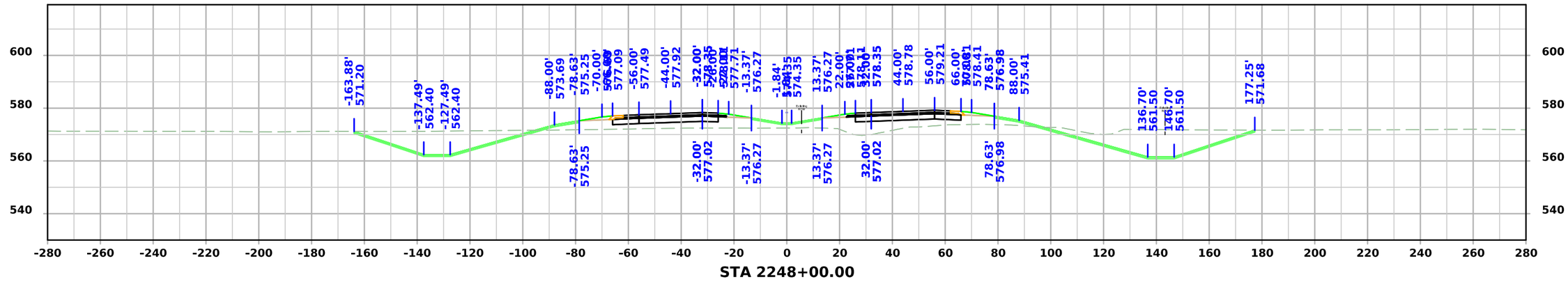
STA 2244+00.00

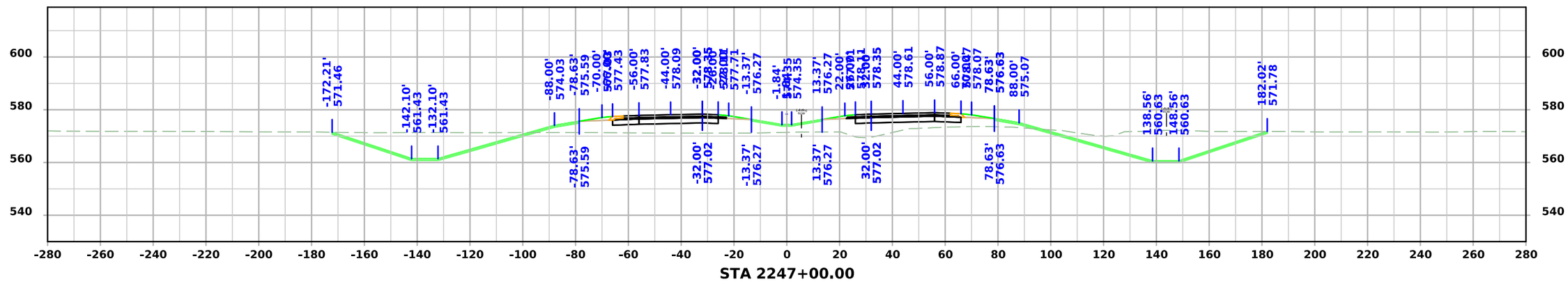


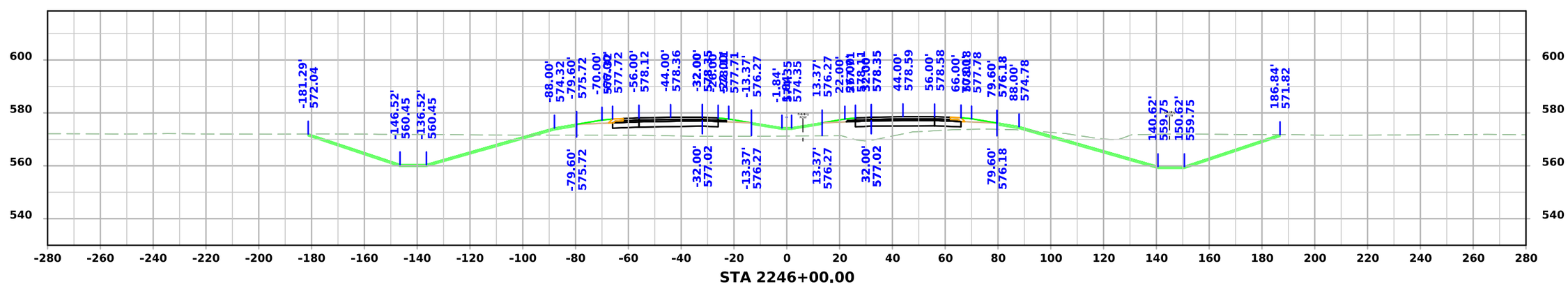
STA 2243+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.47

US 61



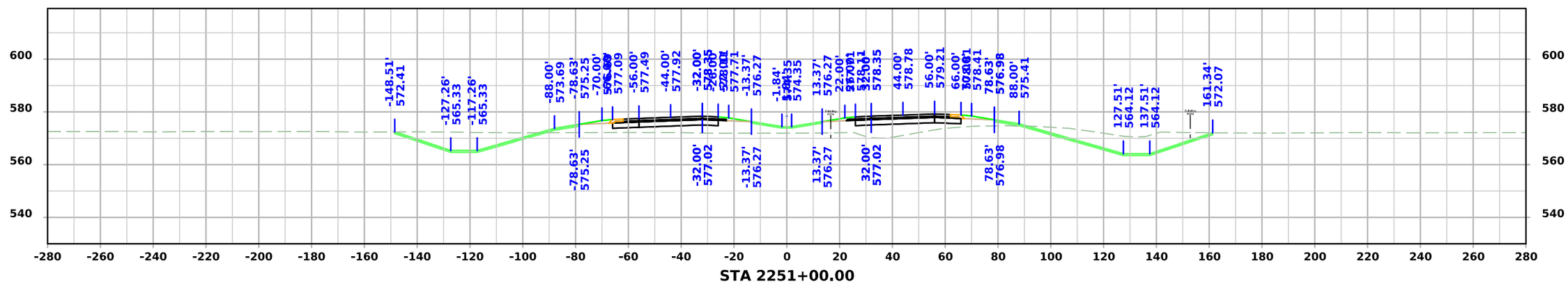


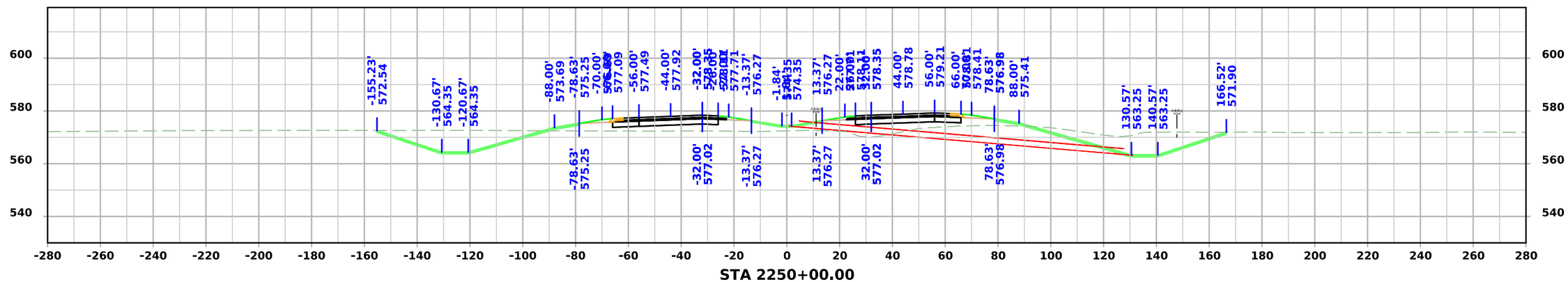


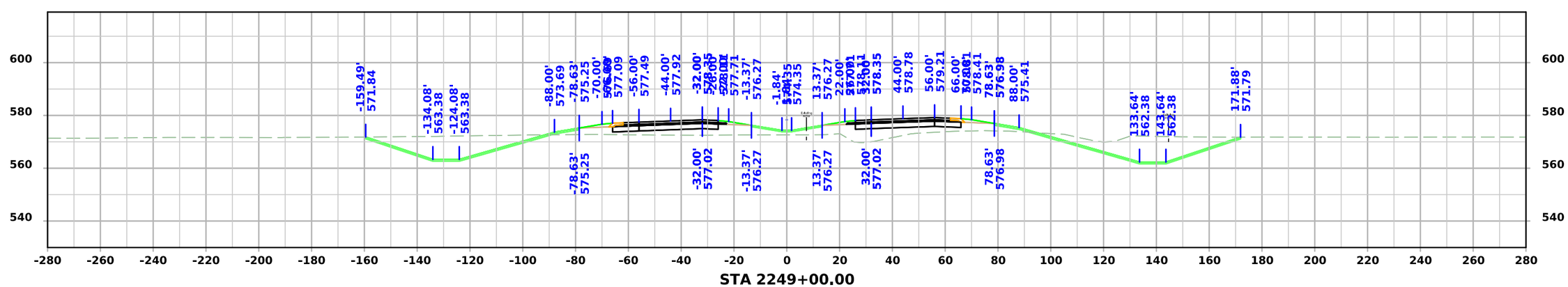
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.48

1:46:16 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



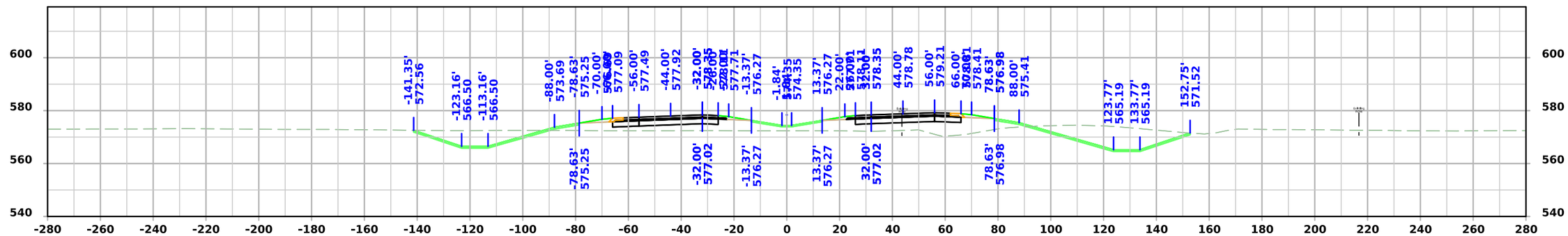




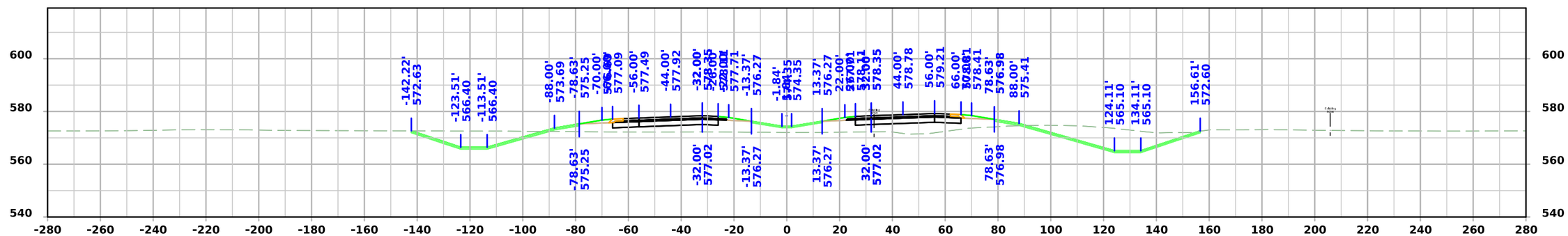
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.49

1:46:21 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

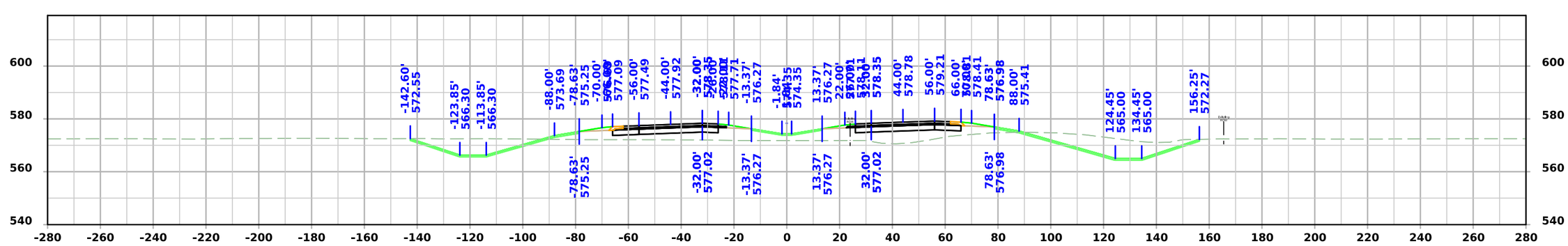
US 61



STA 2254+00.00



STA 2253+00.00

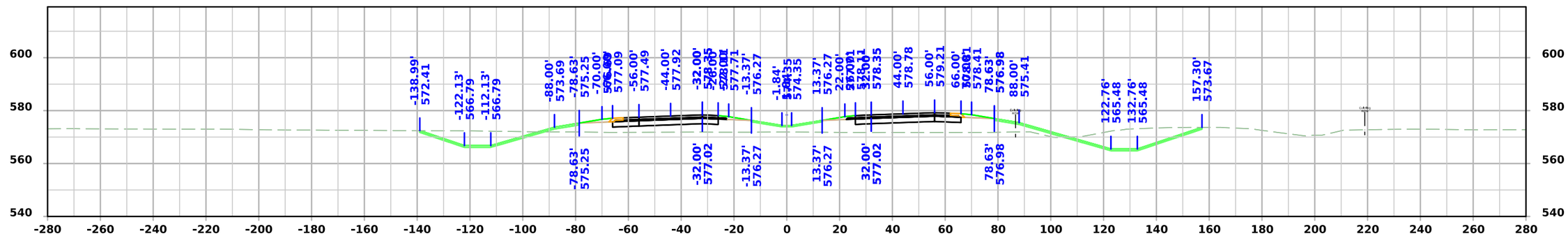


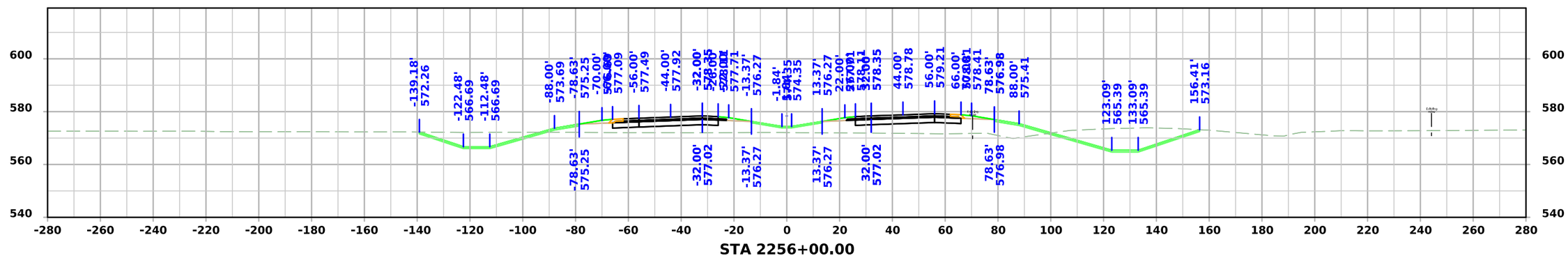
STA 2252+00.00

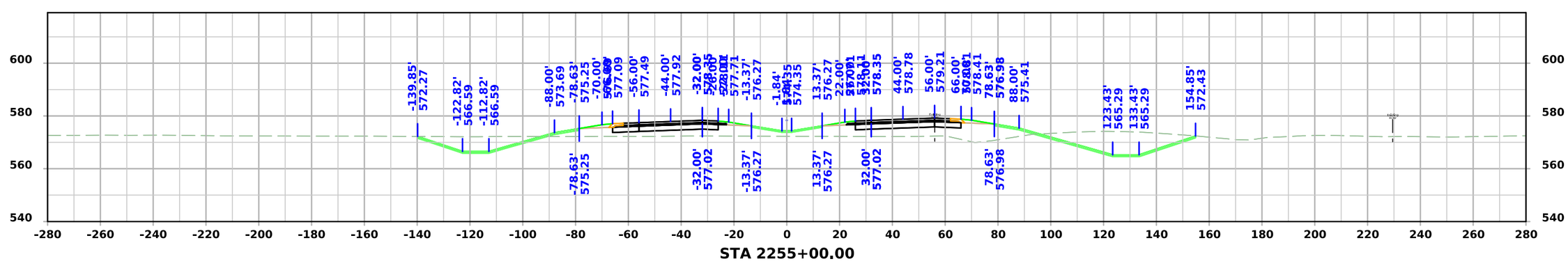
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.50

1:46:26 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61

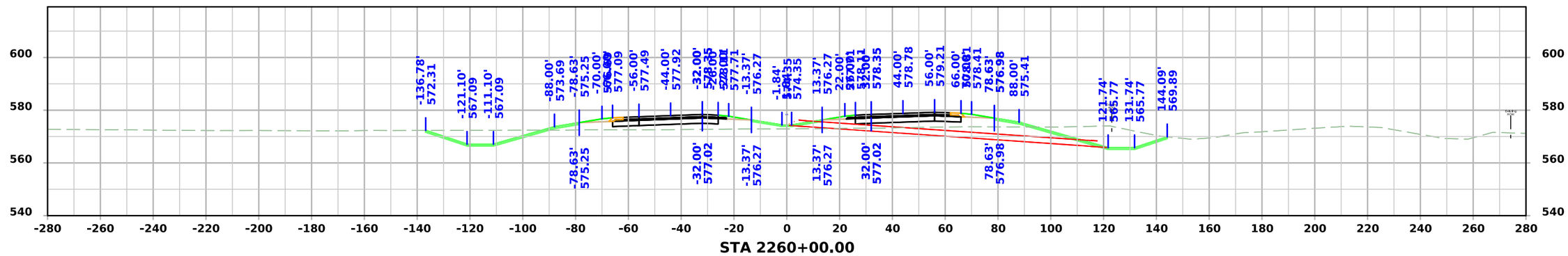




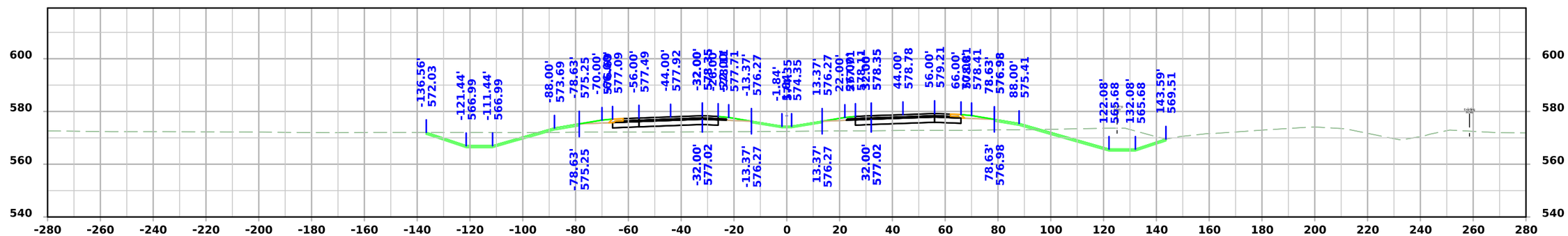


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.51

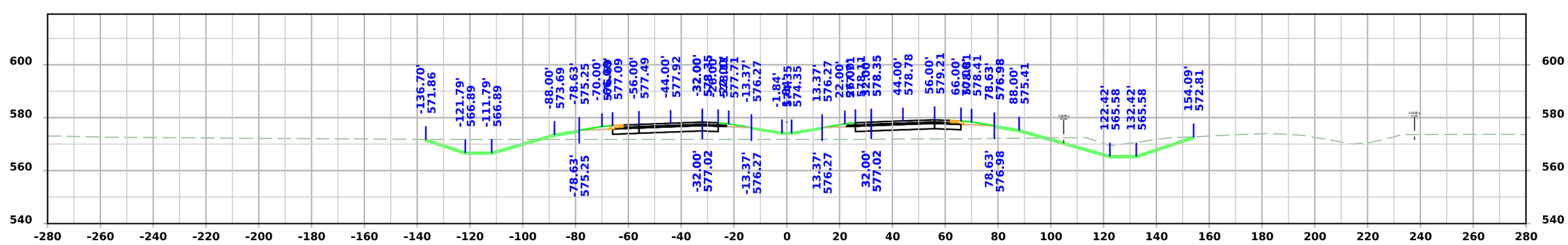
US 61



STA 2260+00.00



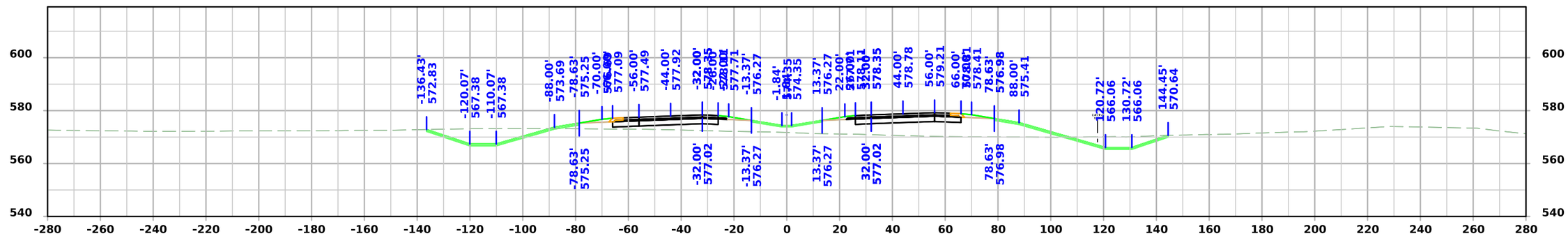
STA 2259+00.00



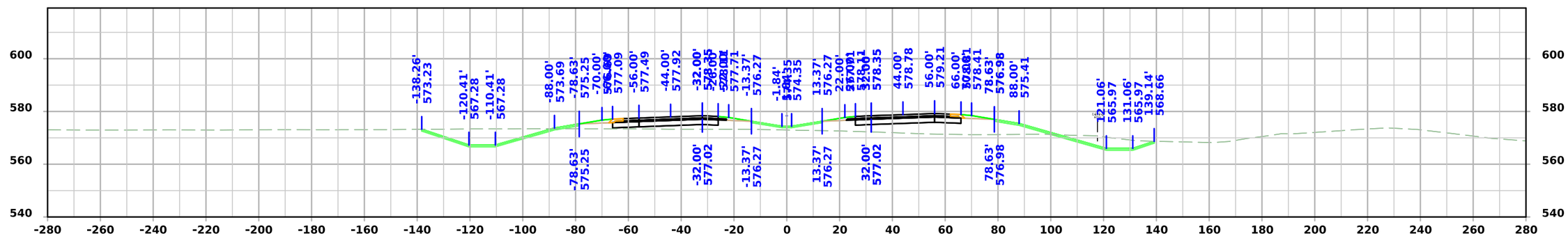
STA 2258+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.52

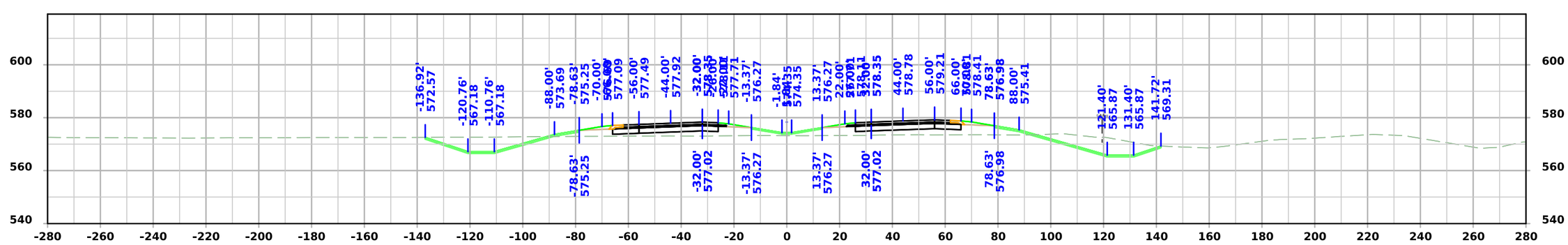
US 61



STA 2263+00.00



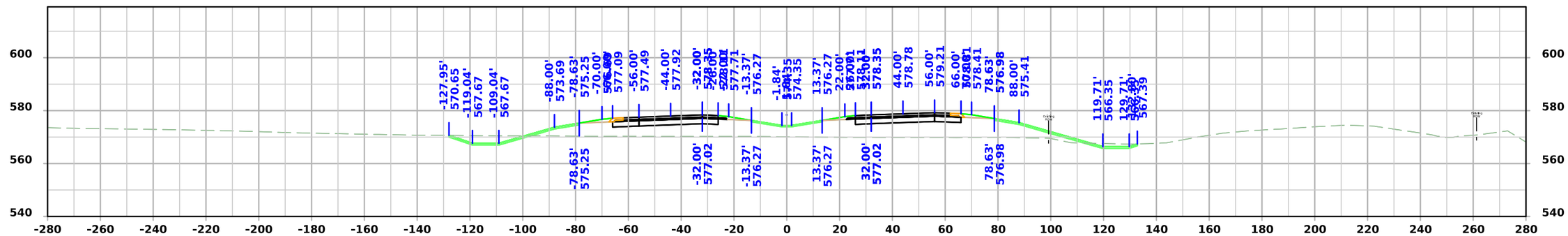
STA 2262+00.00



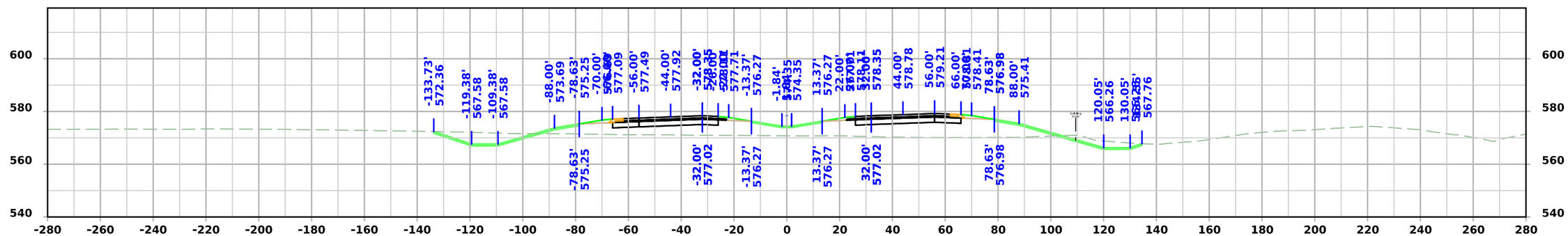
STA 2261+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.53

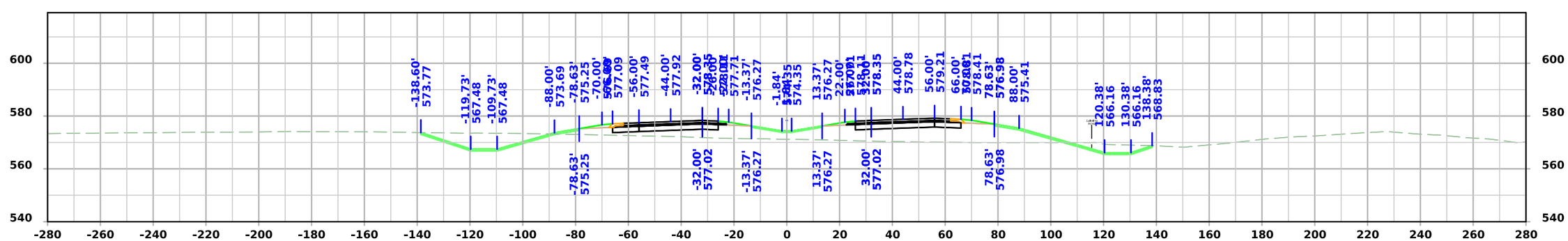
US 61



STA 2266+00.00



STA 2265+00.00

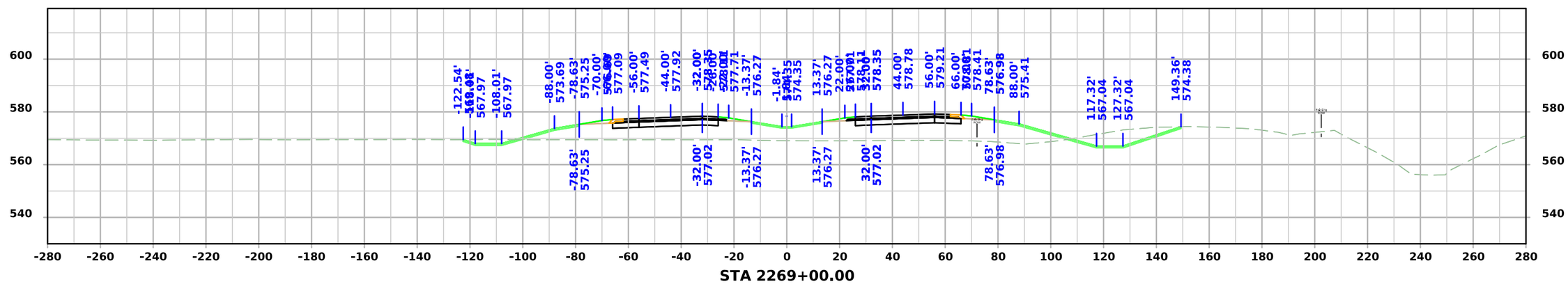


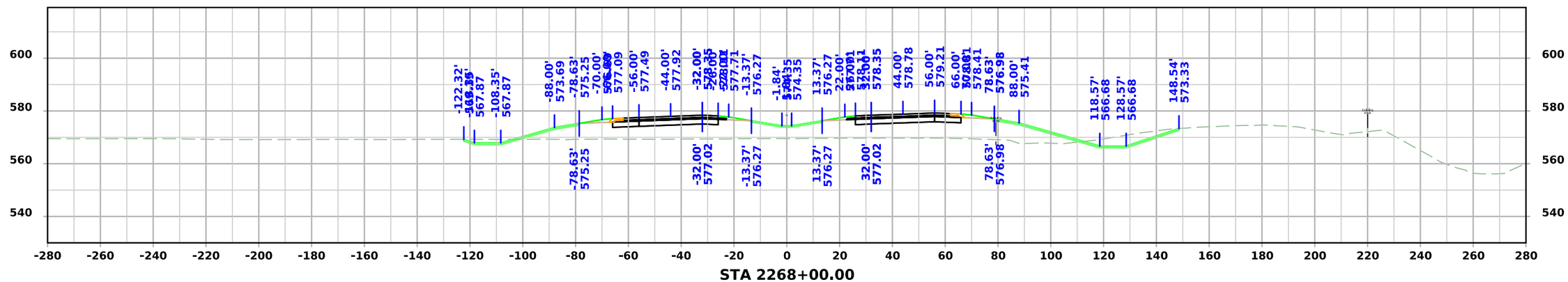
STA 2264+00.00

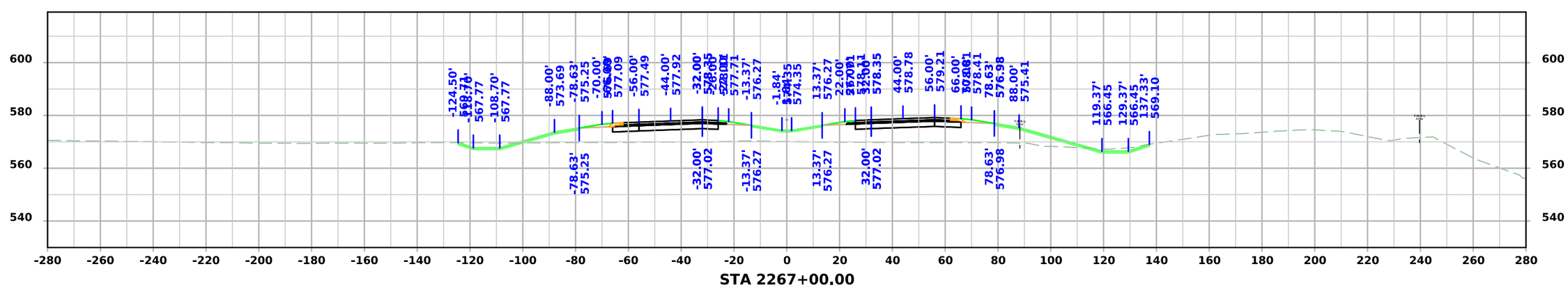
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.54

1:46:47 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

US 61



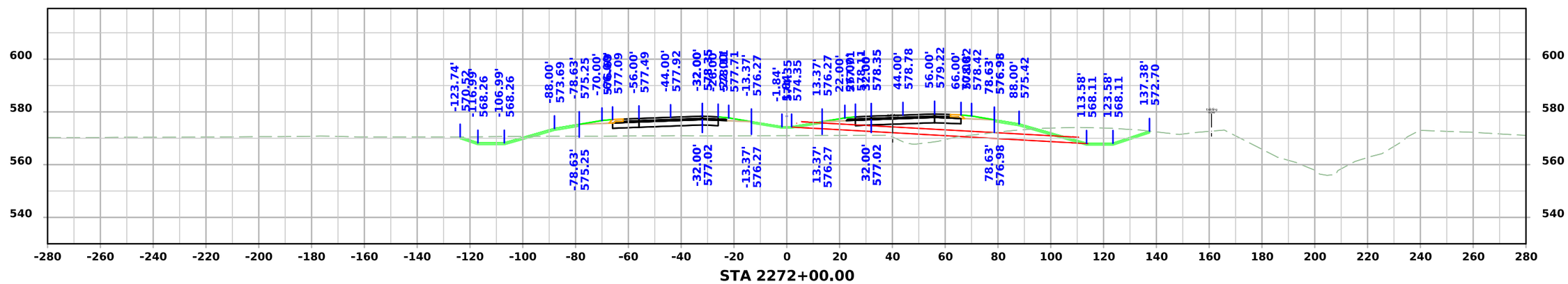




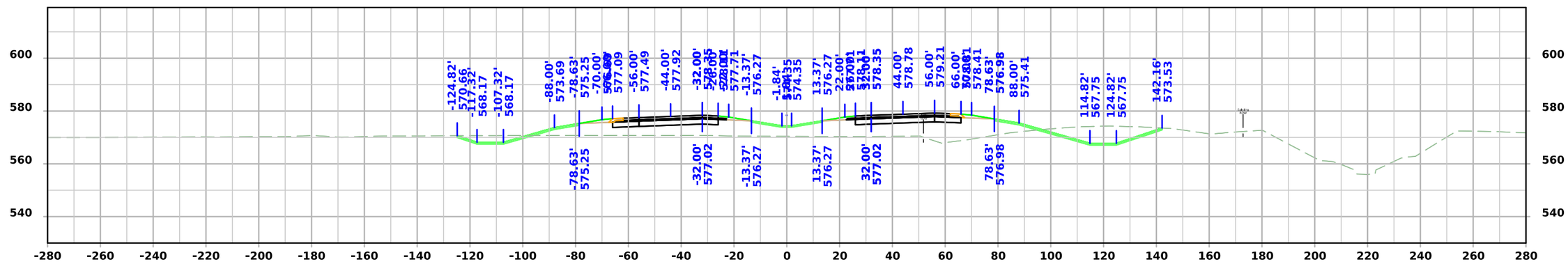
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.55

1:46:53 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

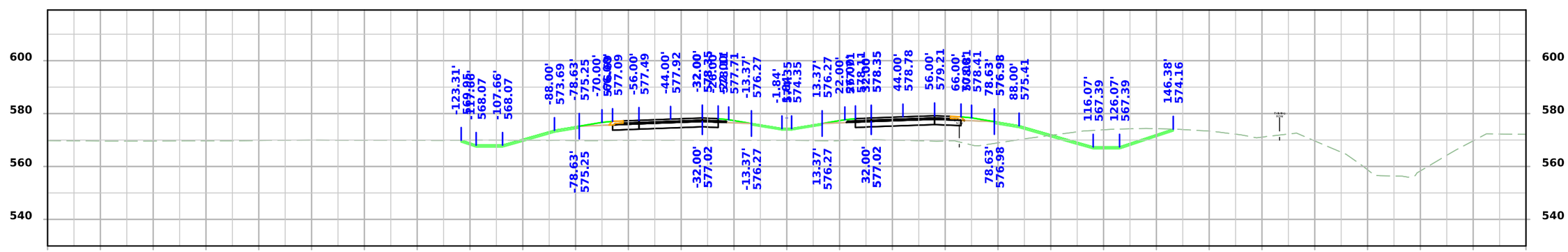
US 61



STA 2272+00.00



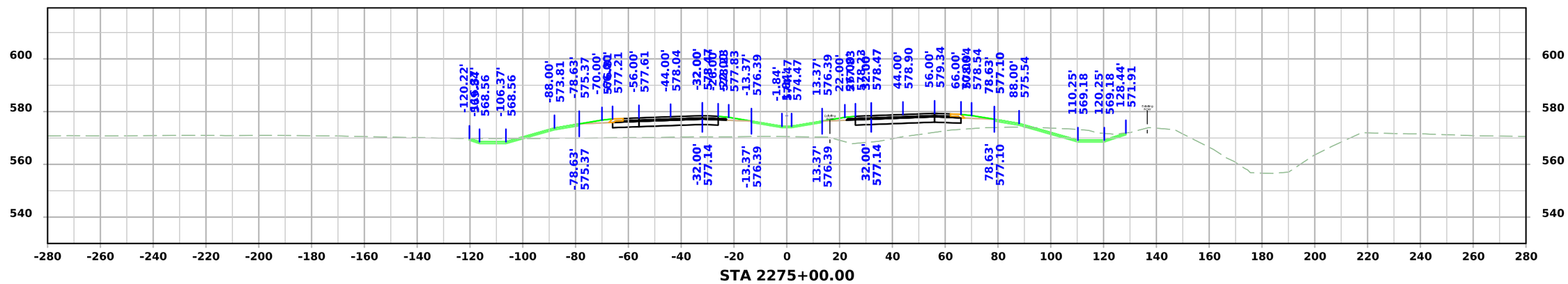
STA 2271+00.00



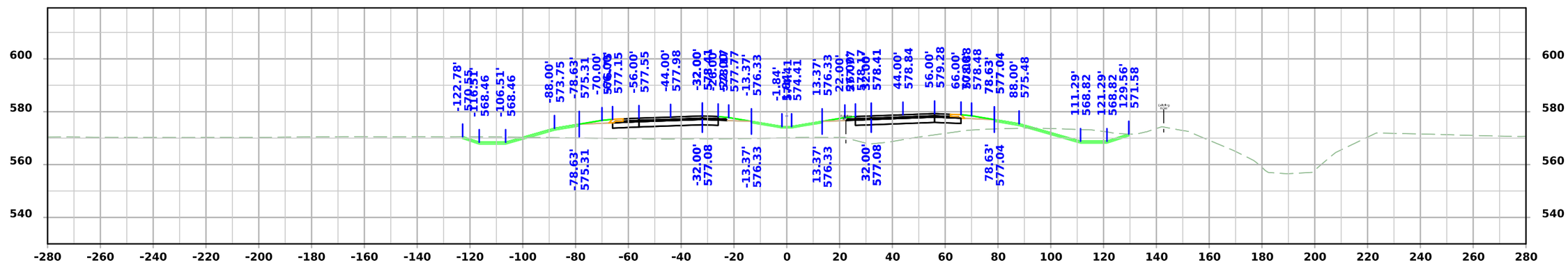
STA 2270+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.56

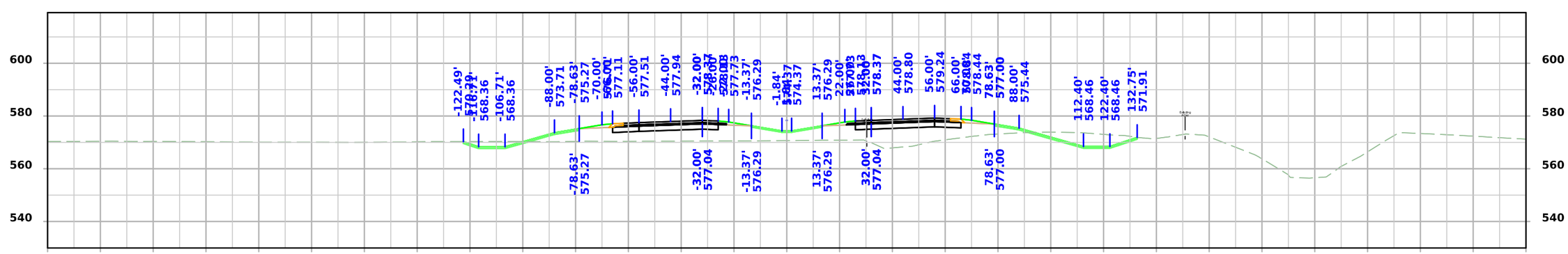
US 61



STA 2275+00.00



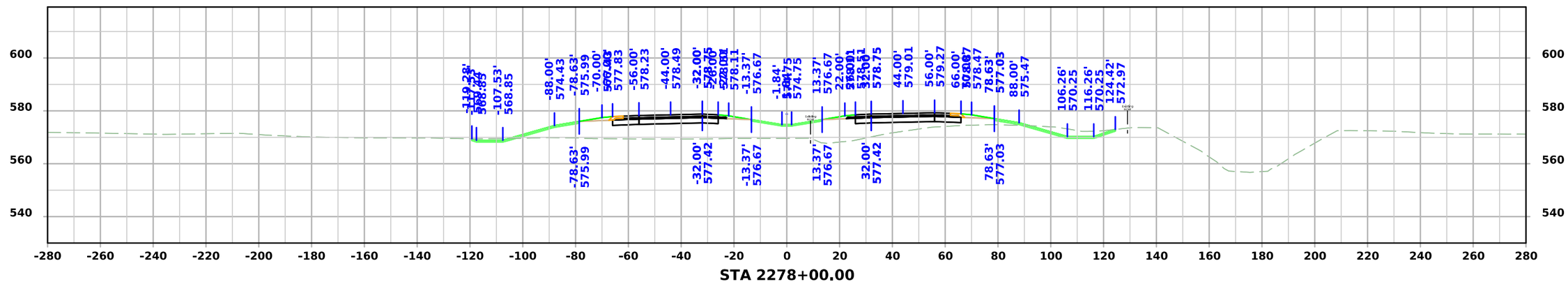
STA 2274+00.00

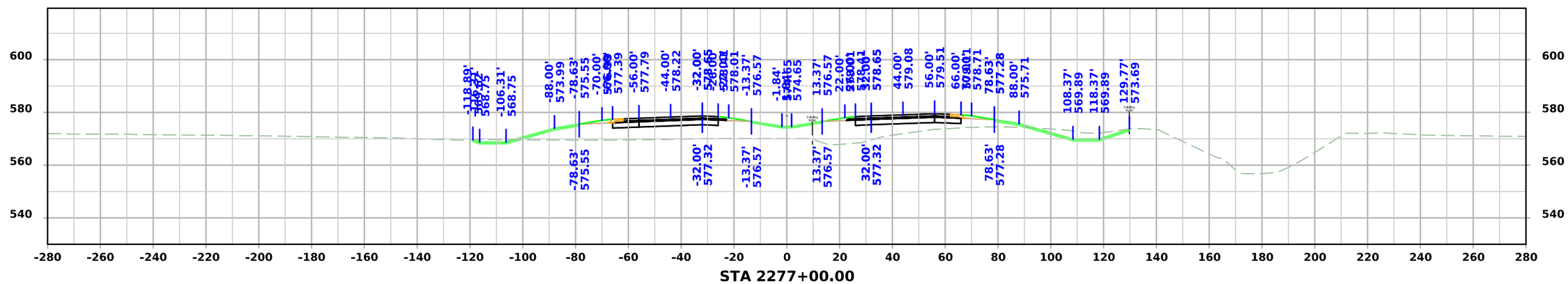


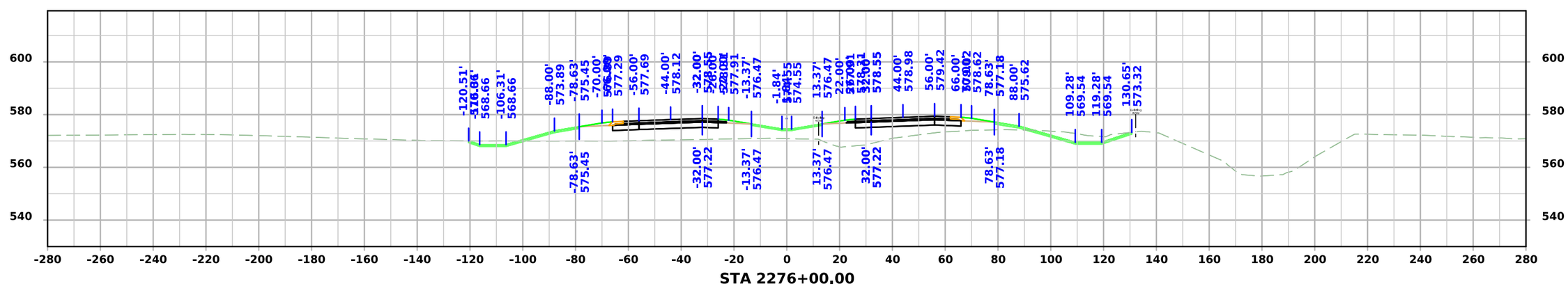
STA 2273+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.57

US 61

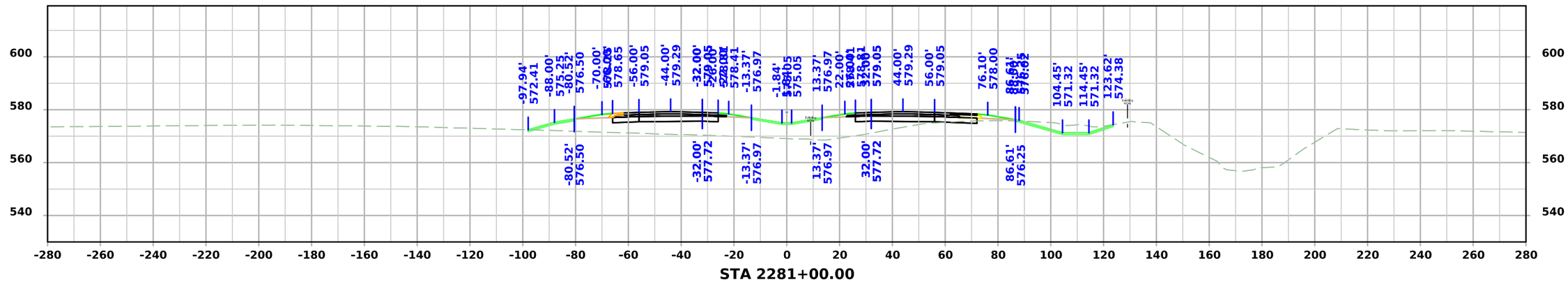


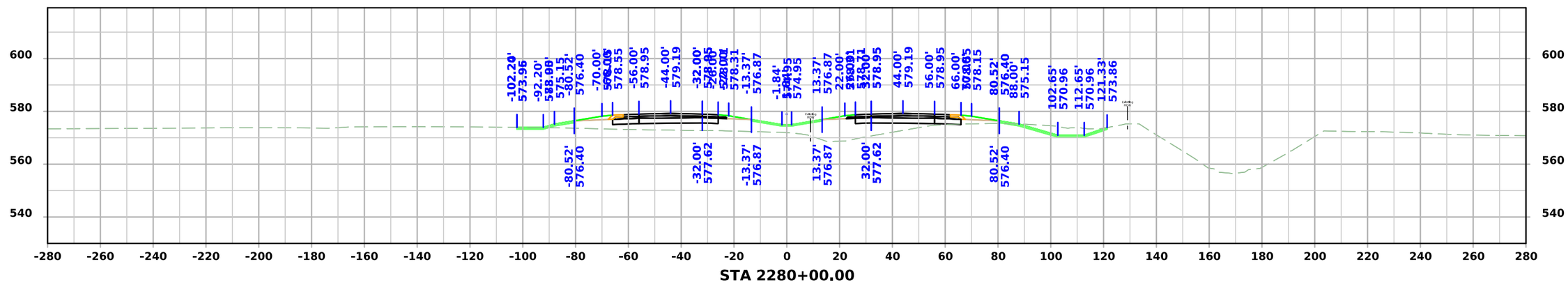


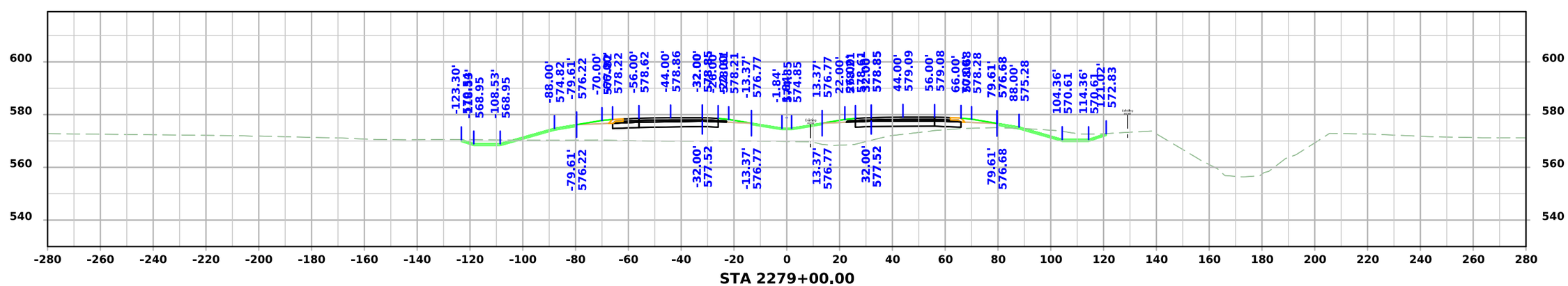


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.58

US 61



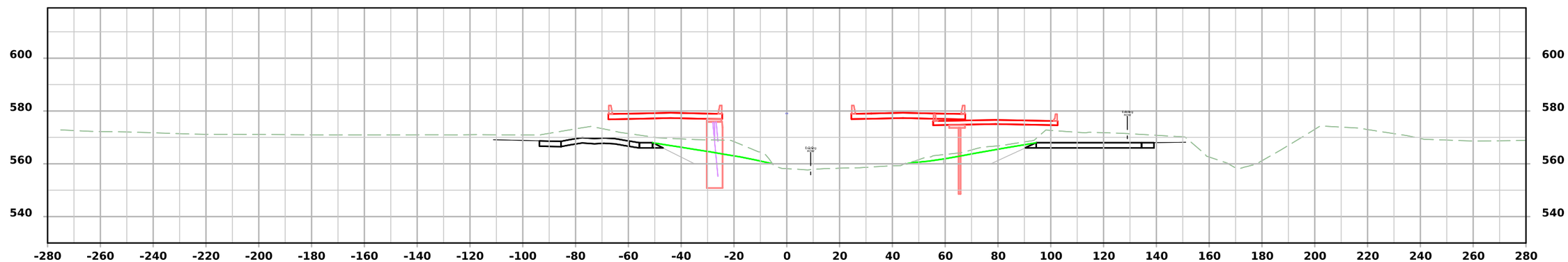




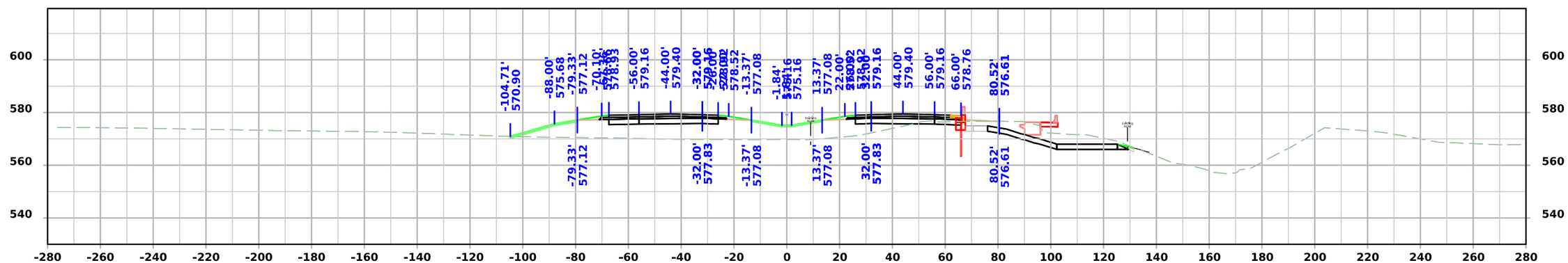
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.59

1:47:15 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

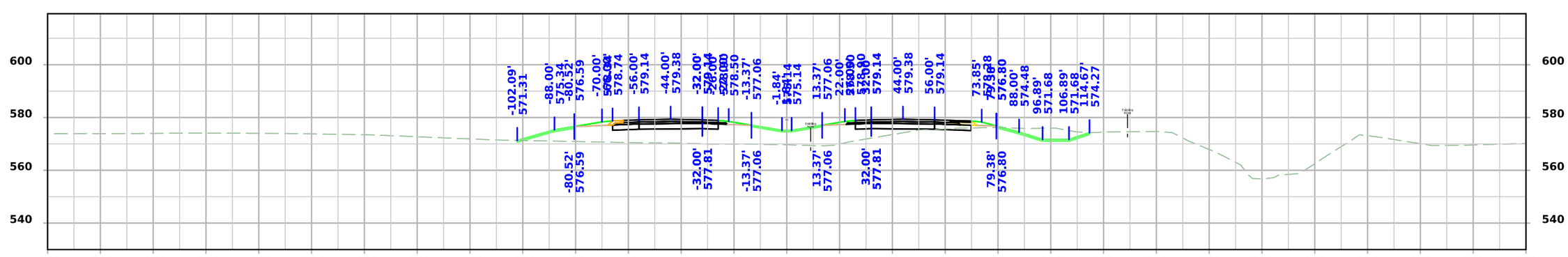
US 61



STA 2284+00.00



STA 2283+00.00

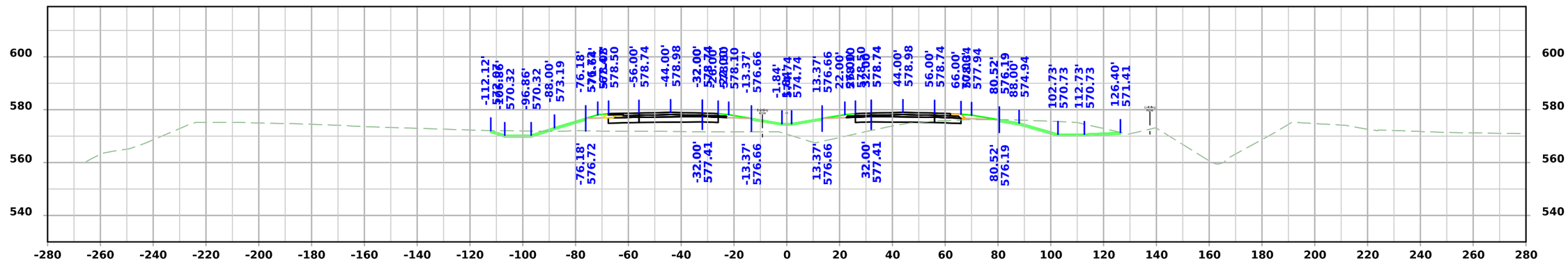


STA 2282+00.00

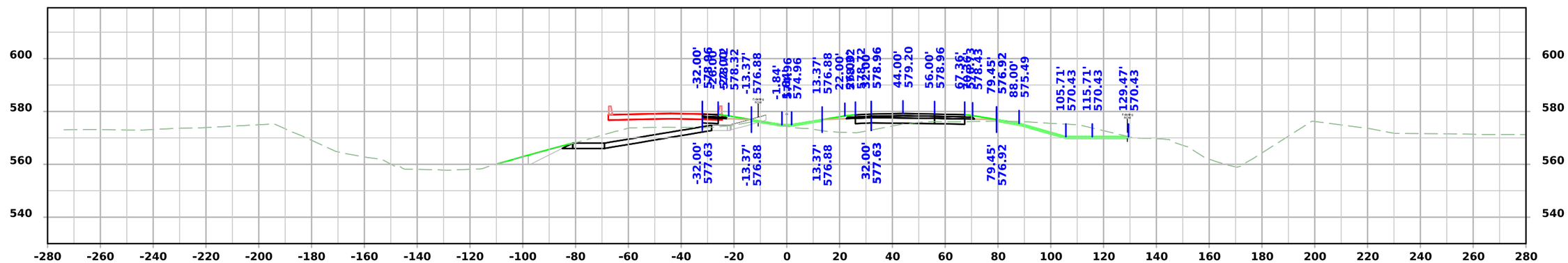
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.60

1:47:20 PM 11/26/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W001_ML061_58061061Z14

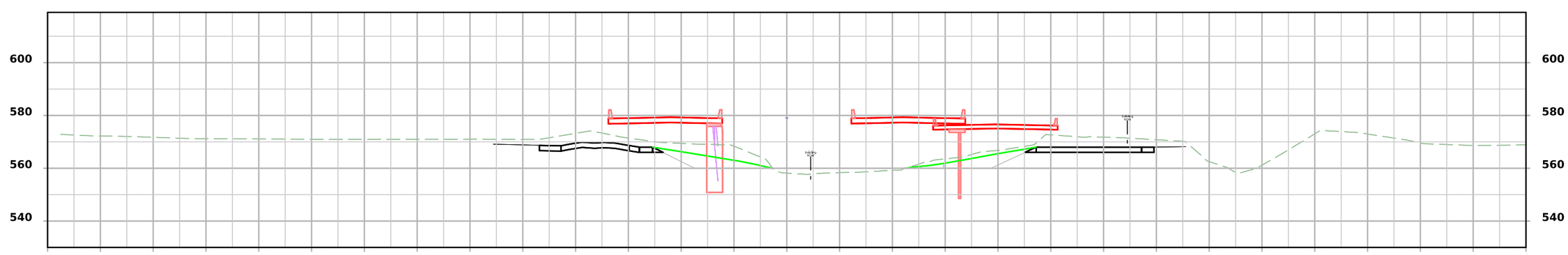
US 61



STA 2286+00.00



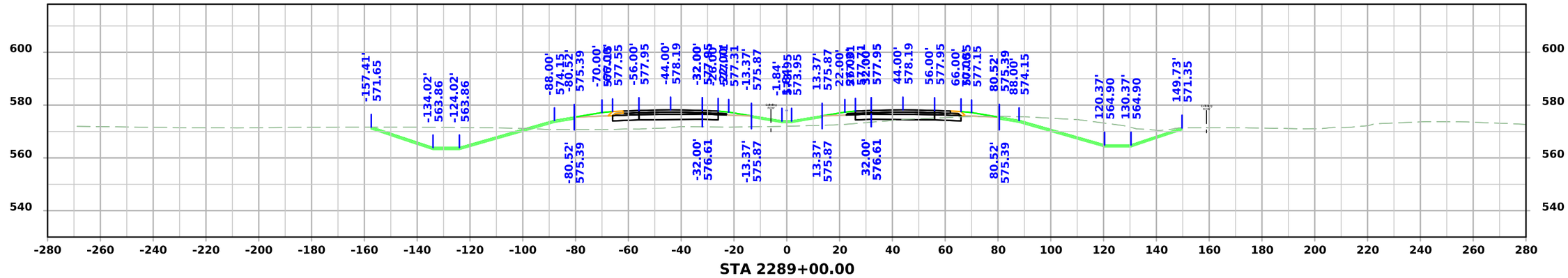
STA 2285+00.00

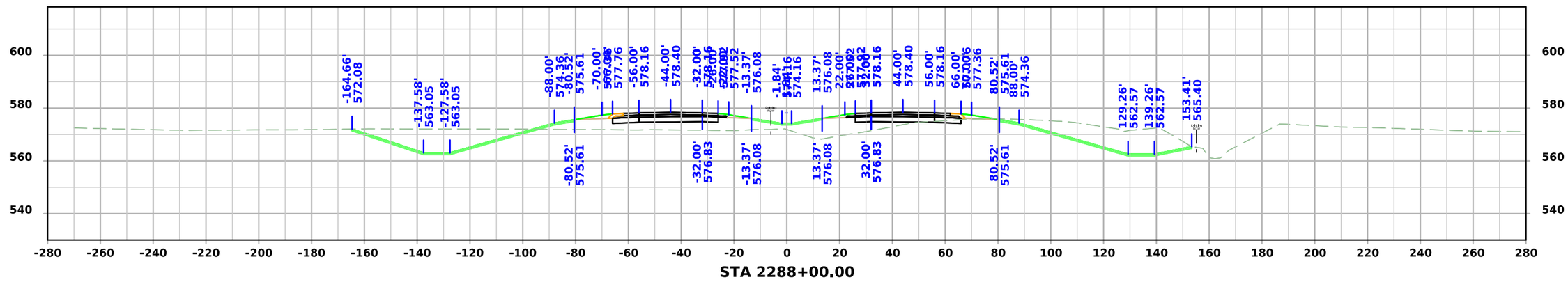


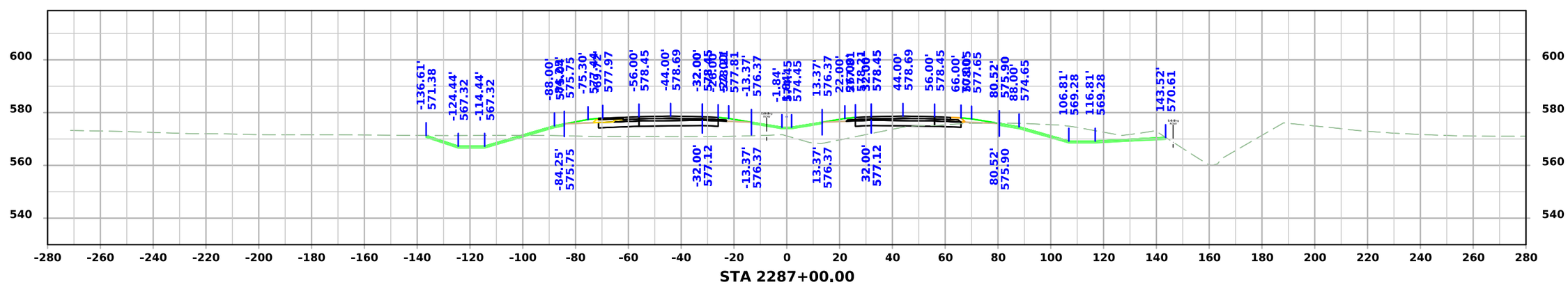
STA 2284+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.61

US 61

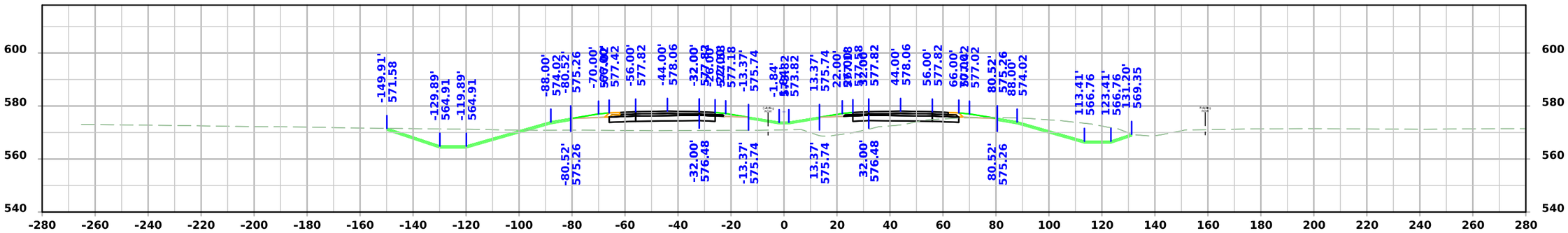




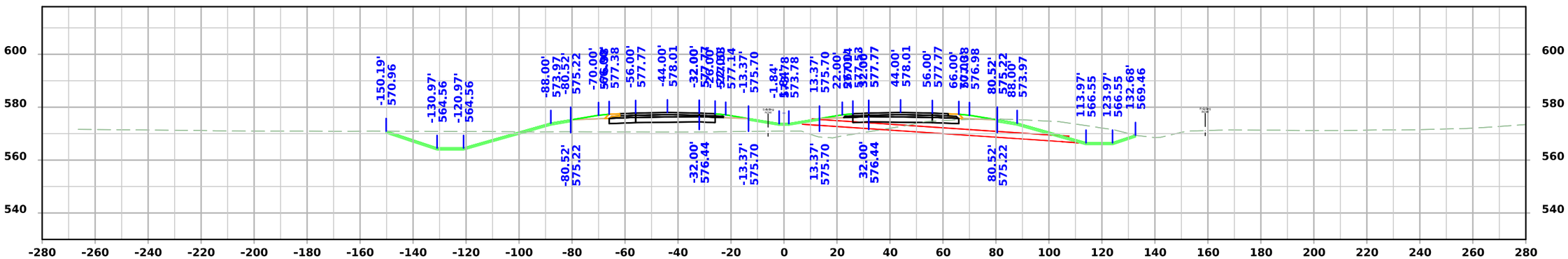


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.62

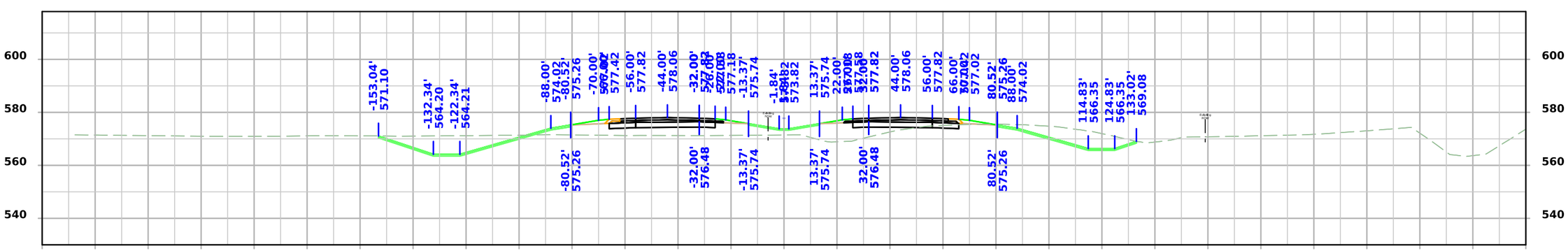
US 61



STA 2292+00.00



STA 2291+00.00

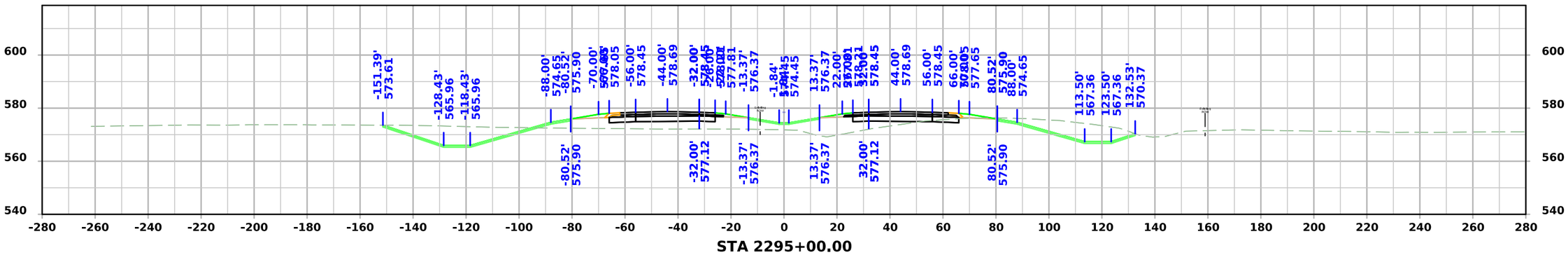


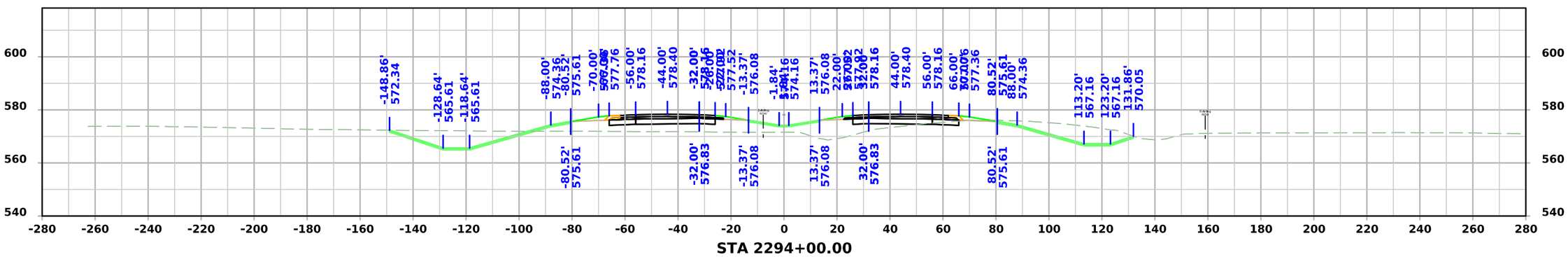
STA 2290+00.00

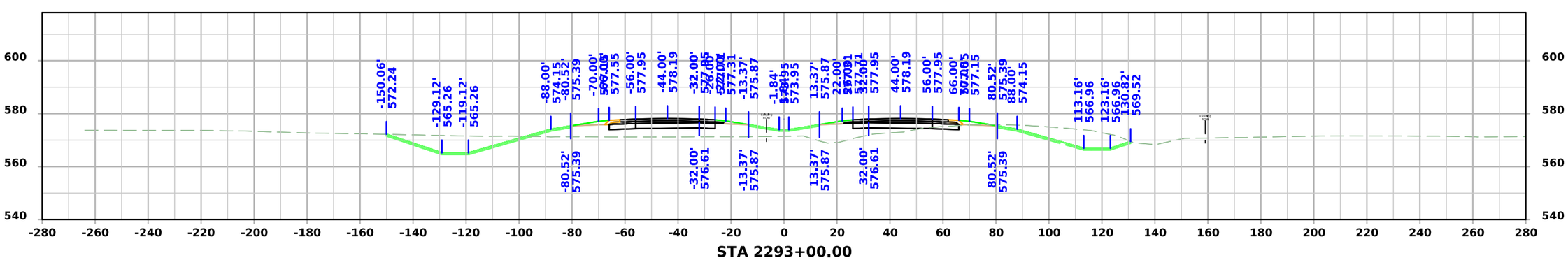
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.63

1:21:46 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61

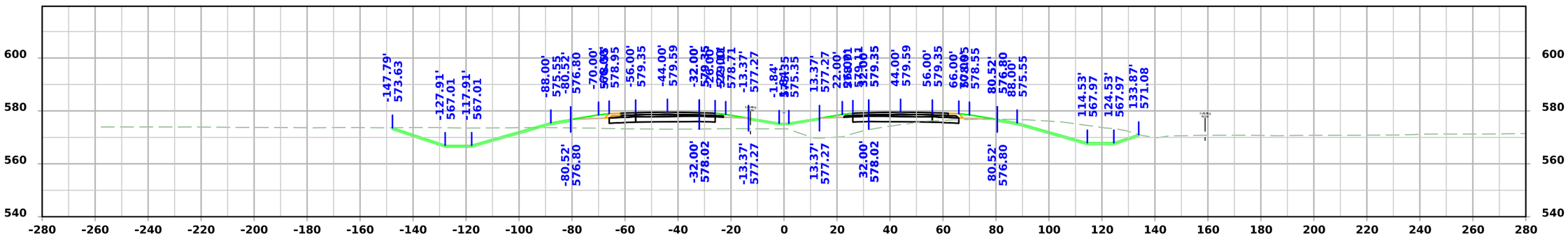




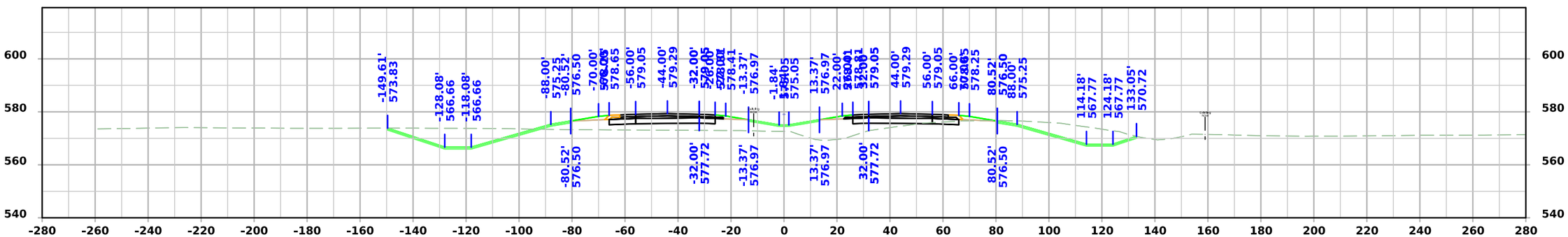


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.64

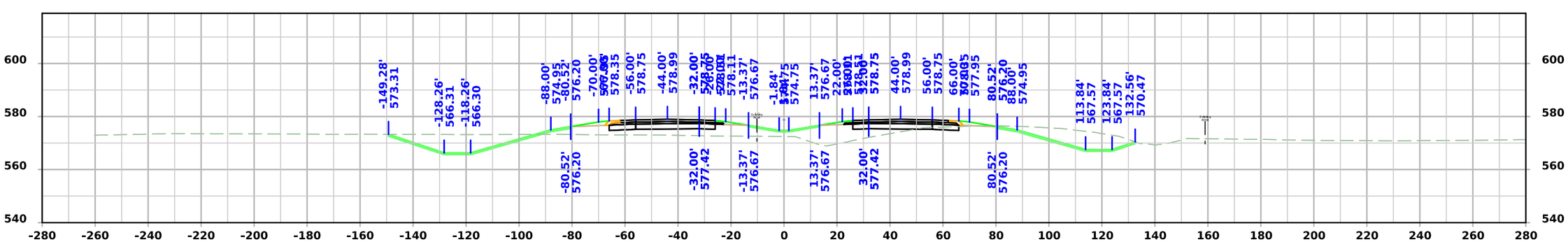
US 61



STA 2298+00.00



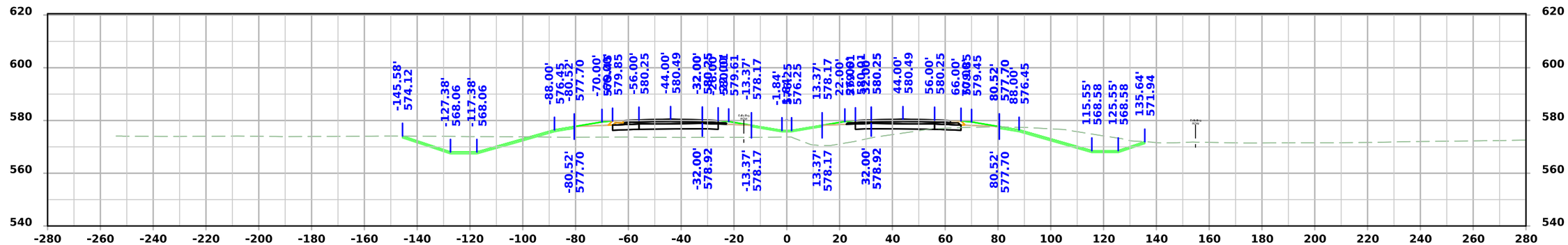
STA 2297+00.00

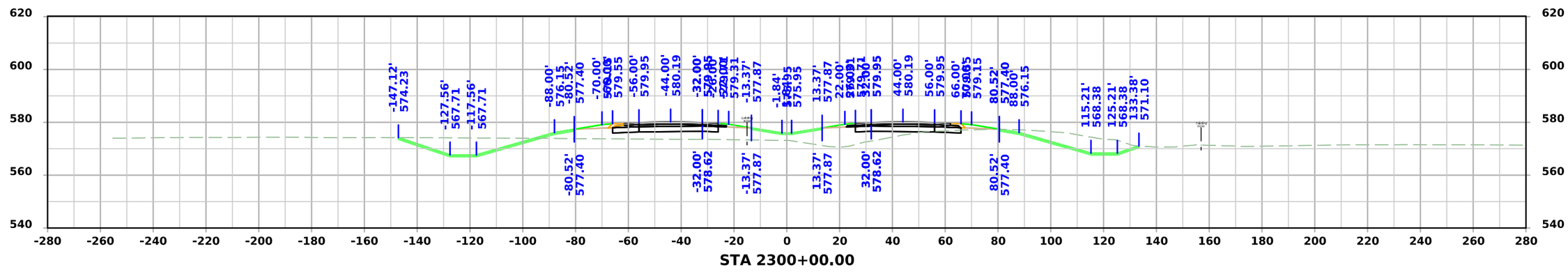


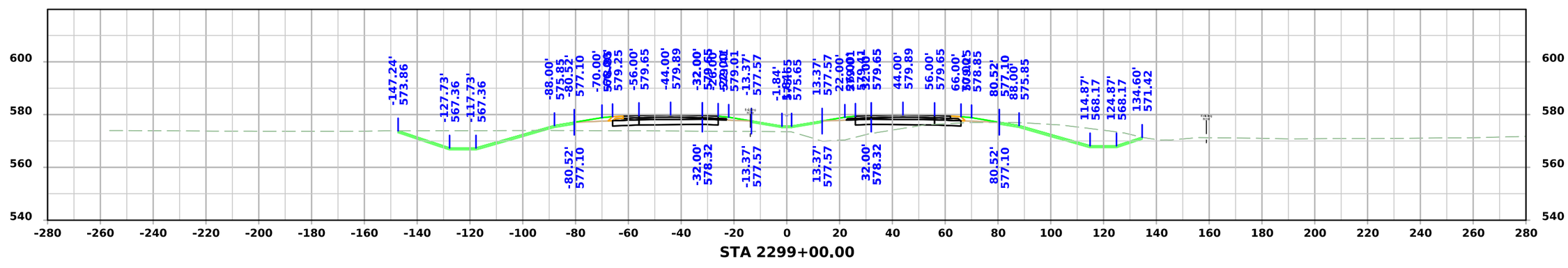
STA 2296+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.65

US 61



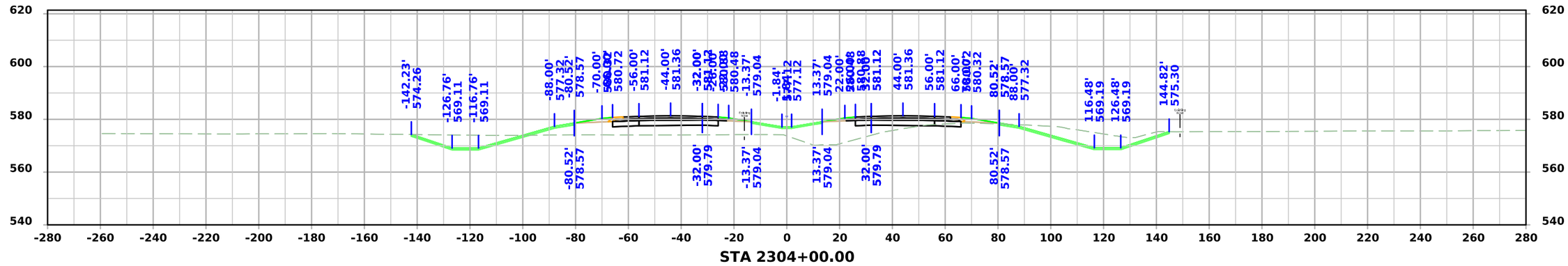


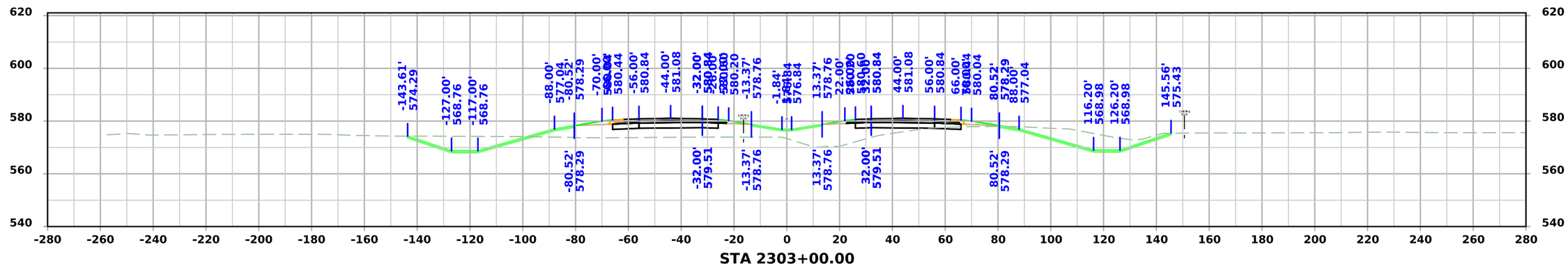


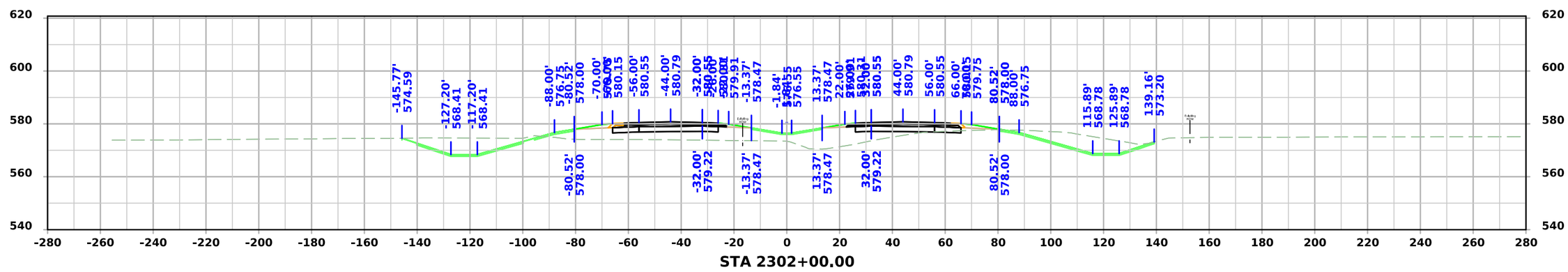
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.66

1:22:03 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61

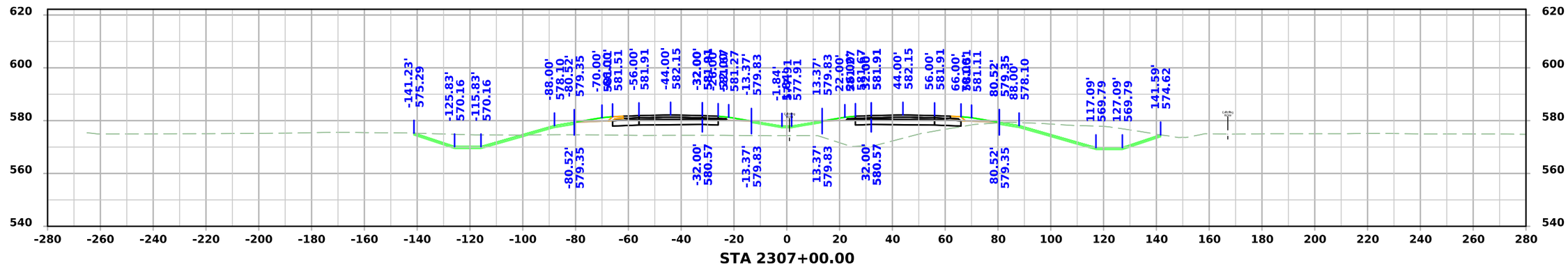


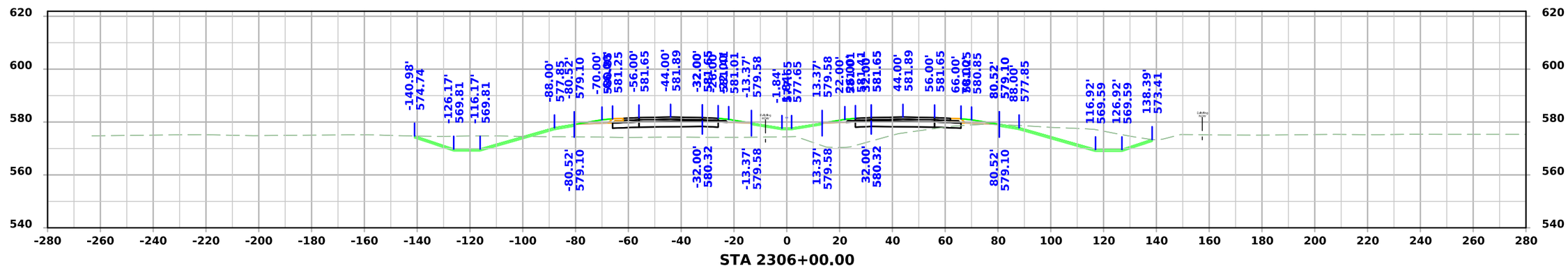


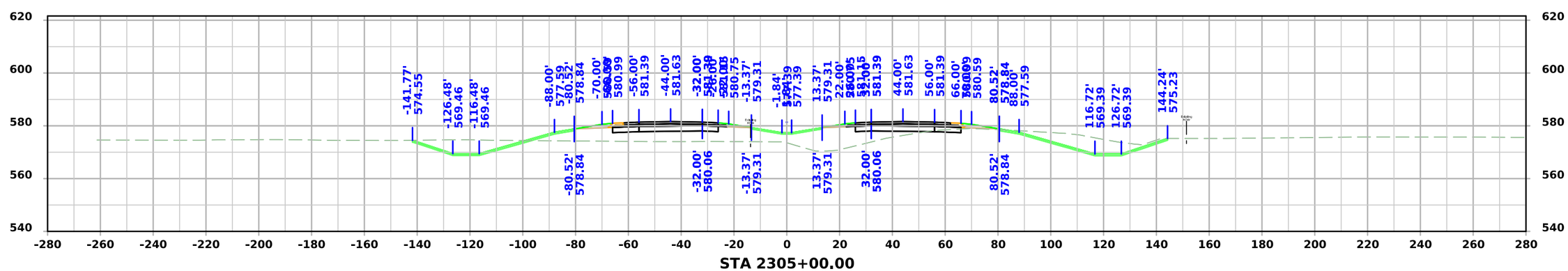


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.67

US 61

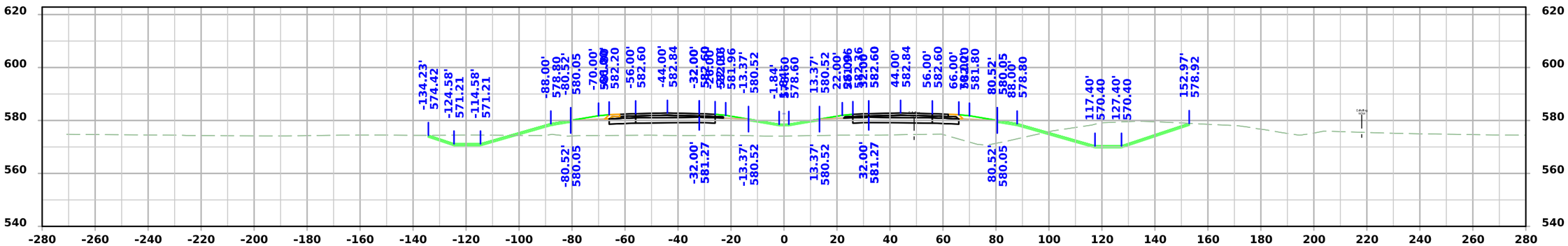




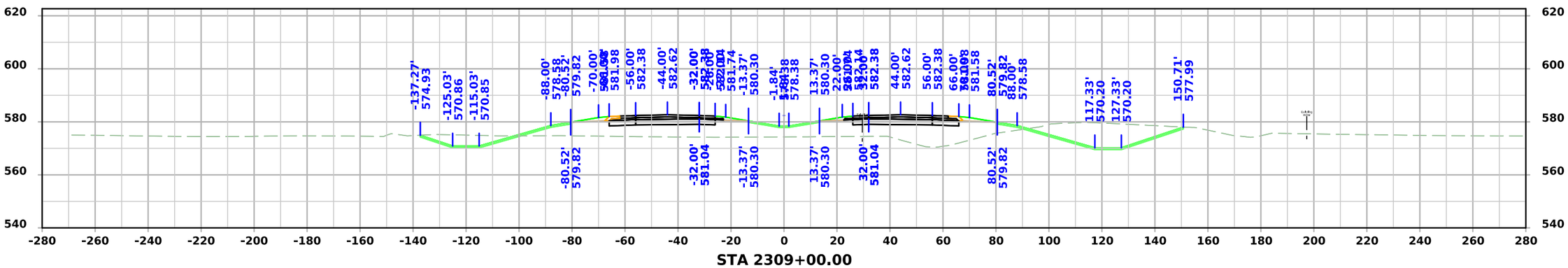


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.68

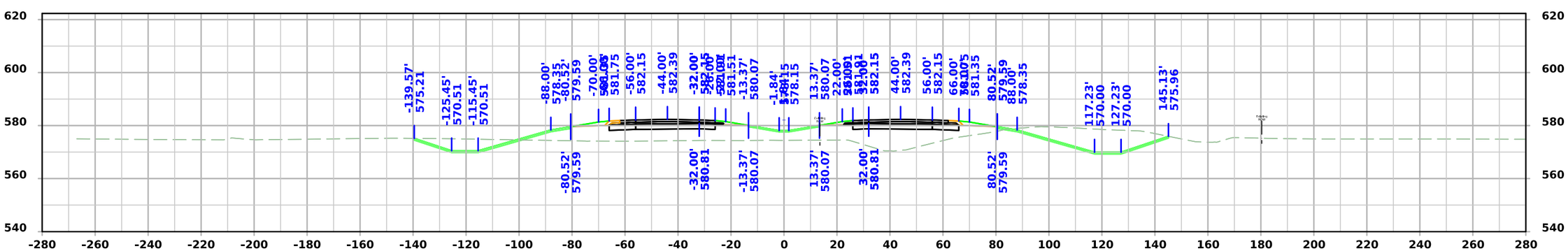
US 61



STA 2310+00.00



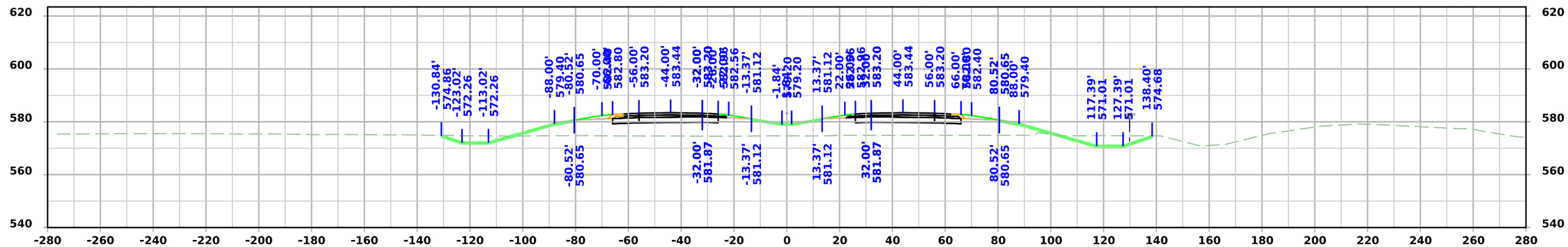
STA 2309+00.00



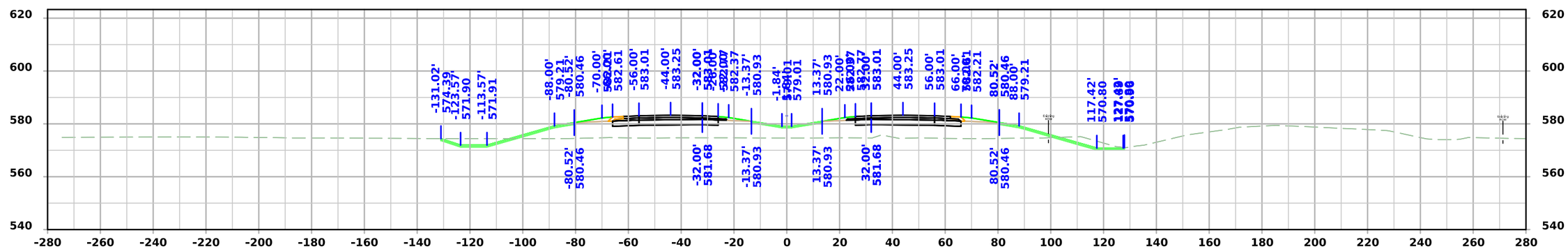
STA 2308+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.69

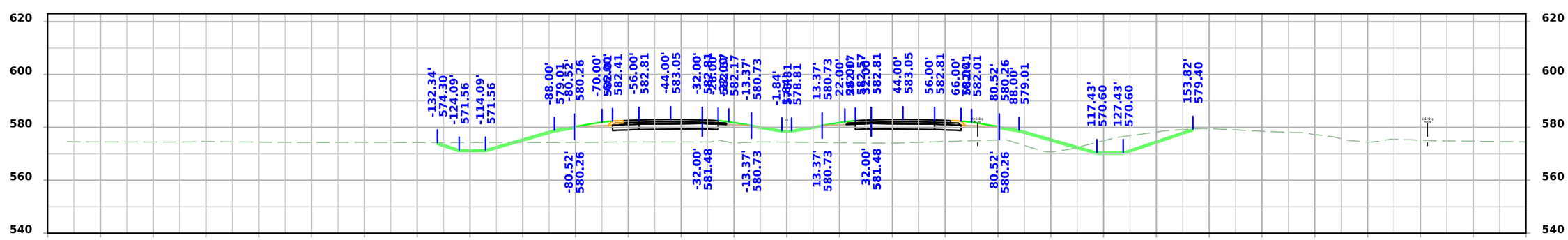
US 61



STA 2313+00.00



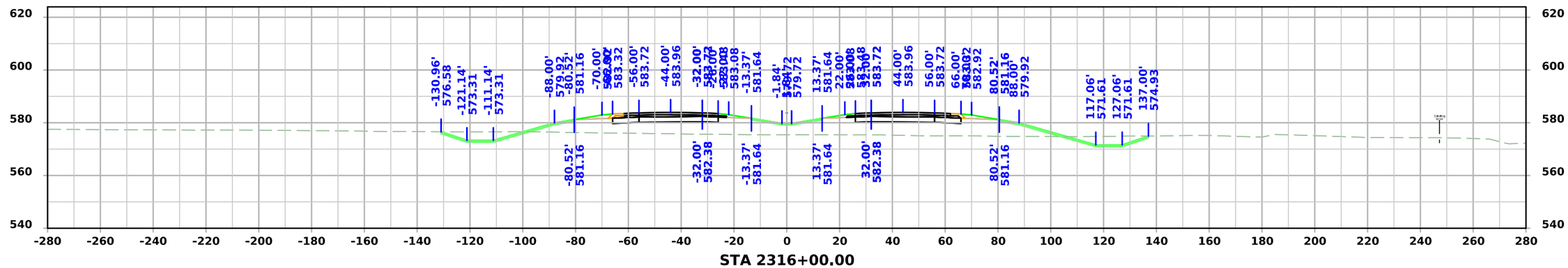
STA 2312+00.00

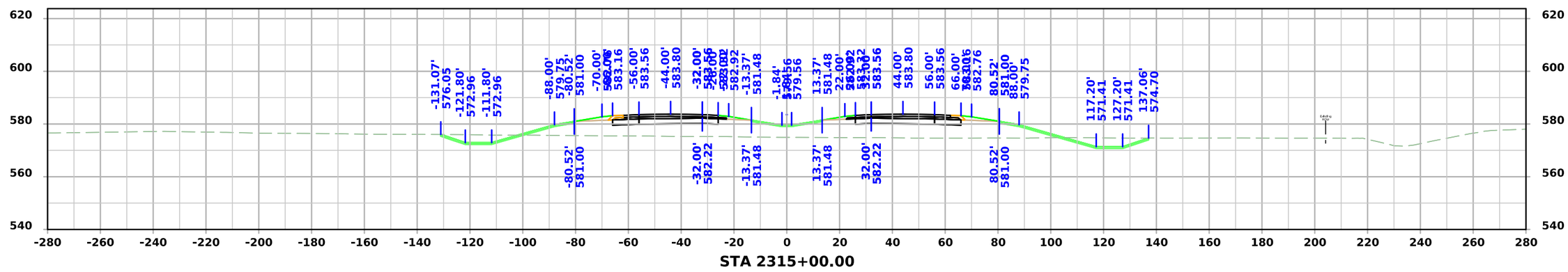


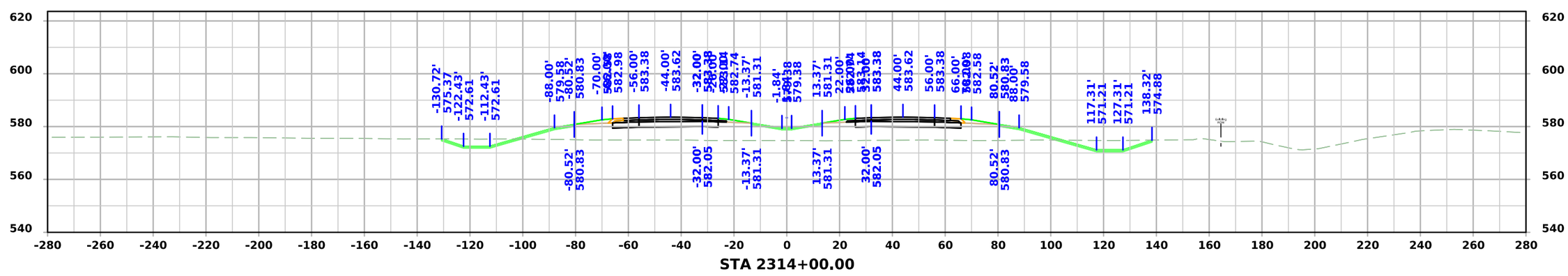
STA 2311+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.70

US 61

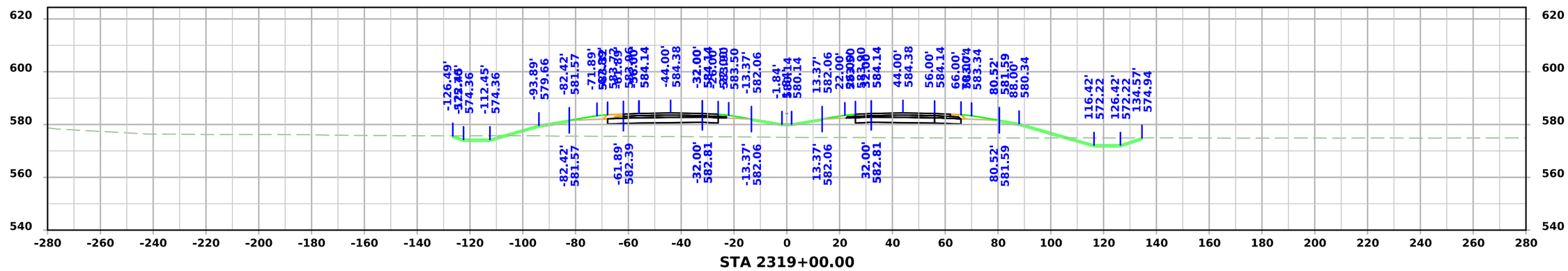




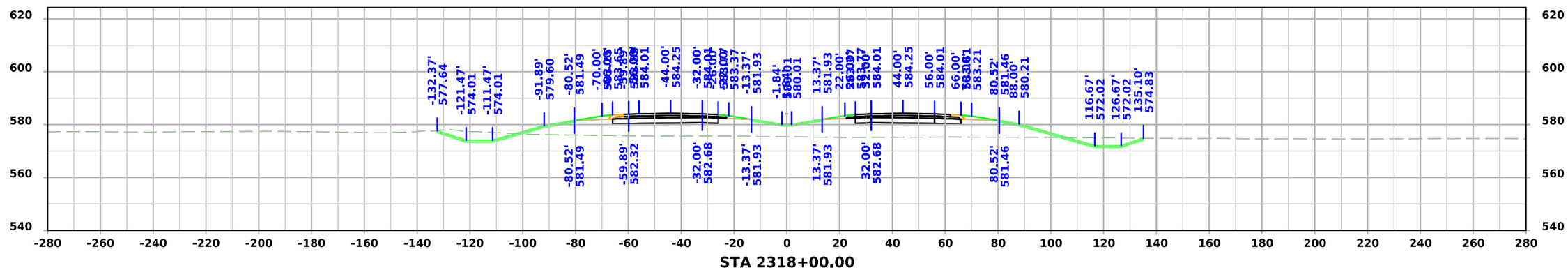


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.71

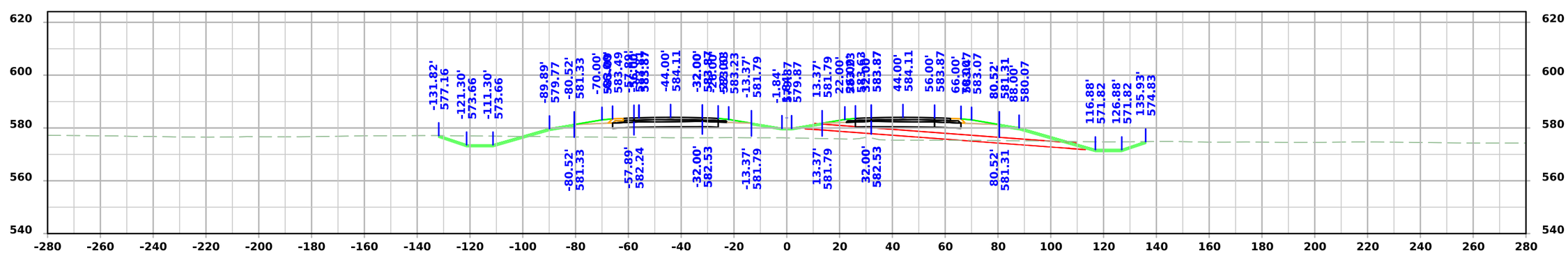
US 61



STA 2319+00.00



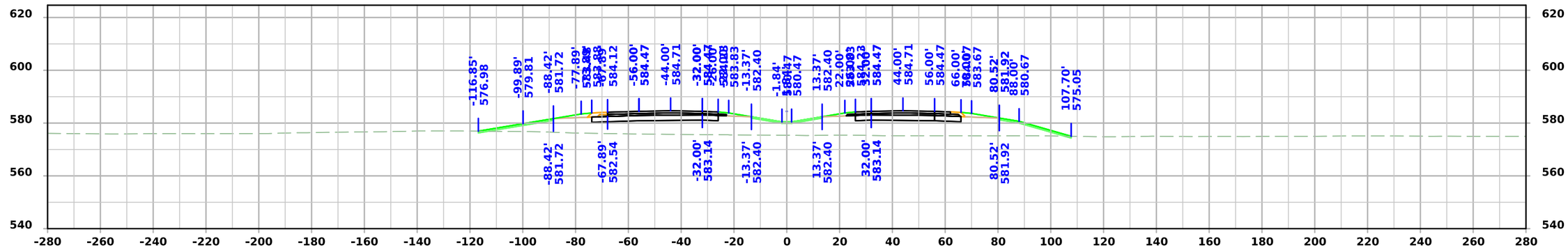
STA 2318+00.00



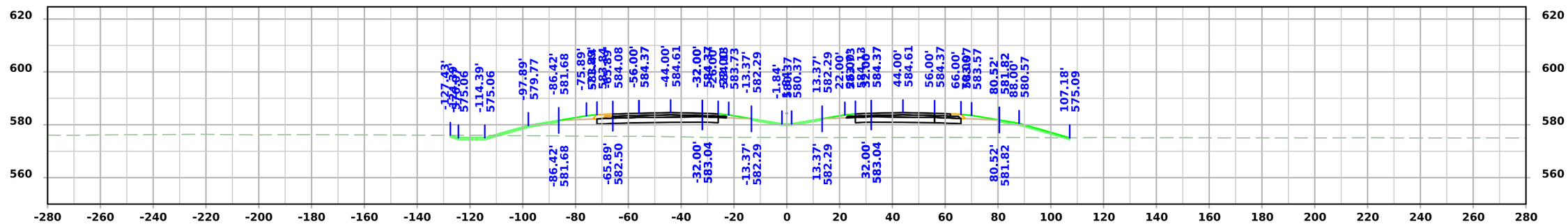
STA 2317+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.72

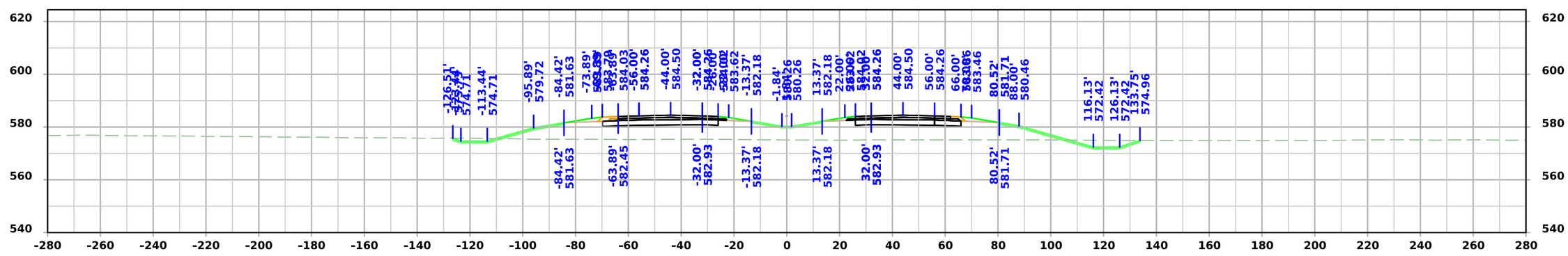
US 61



STA 2322+00.00



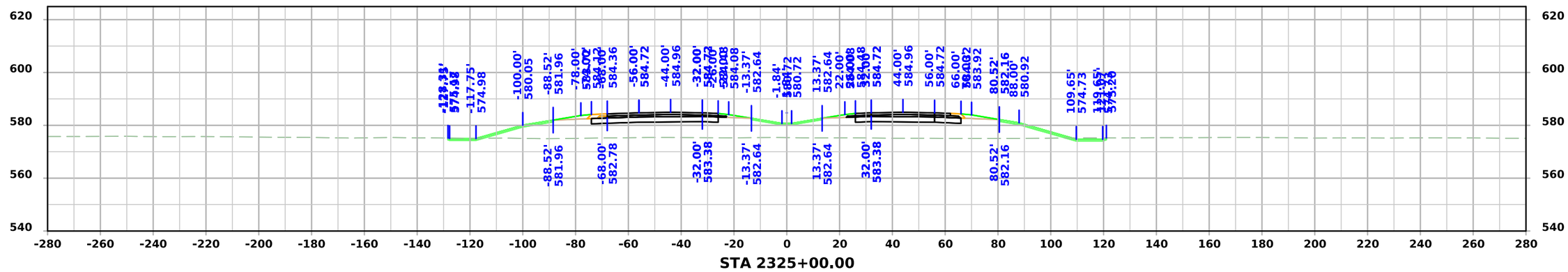
STA 2321+00.00

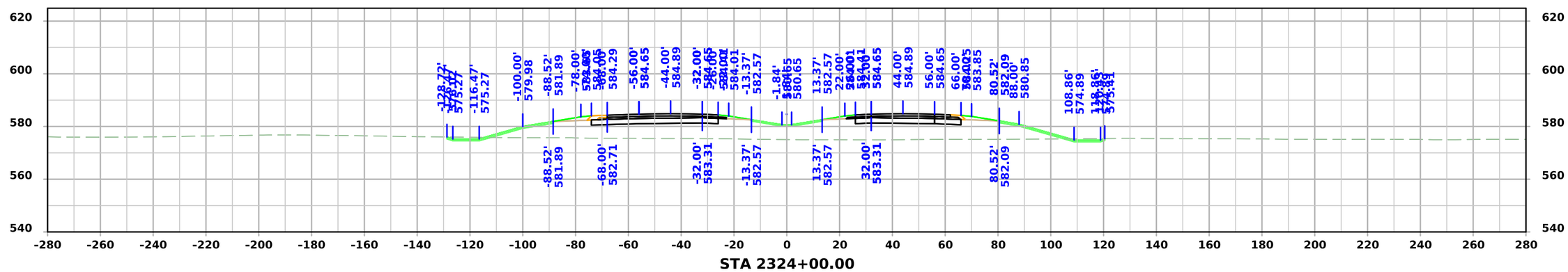


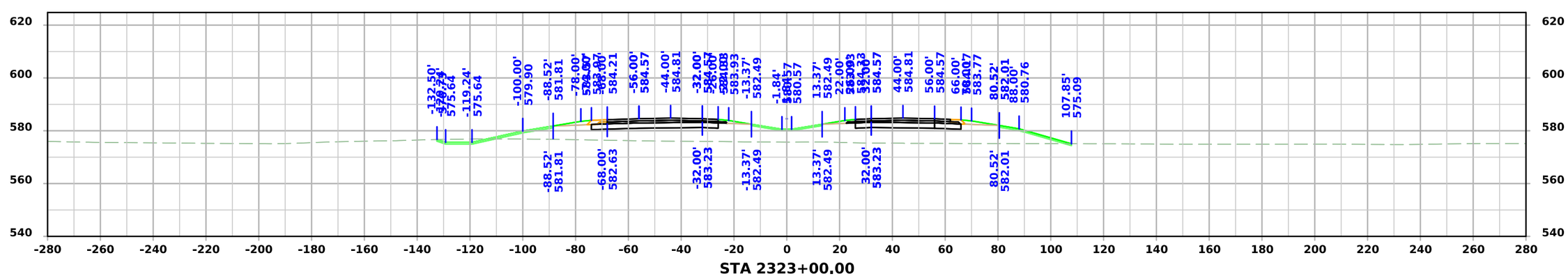
STA 2320+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.73

US 61

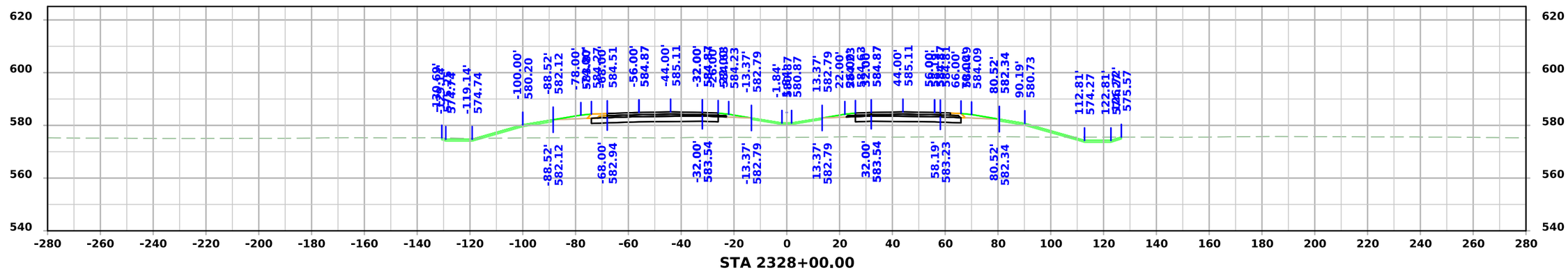




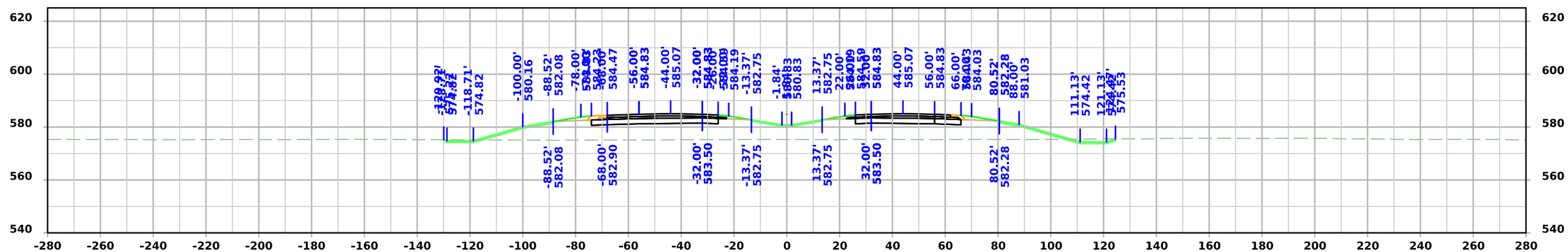


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.74

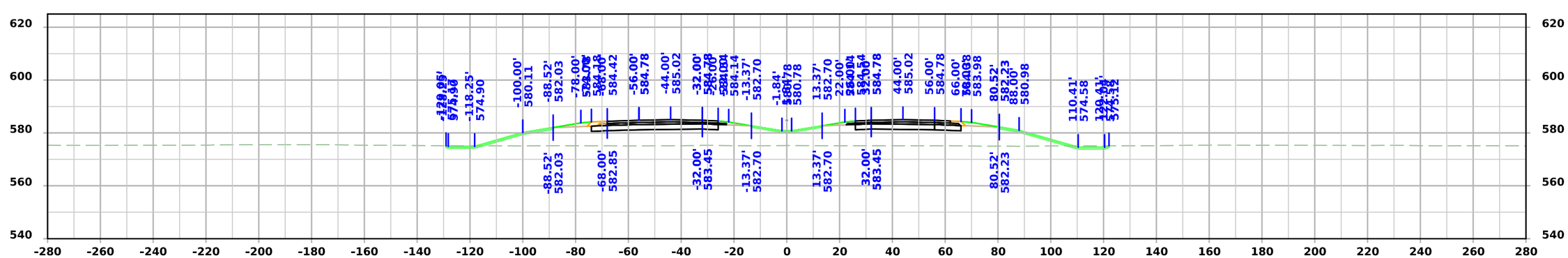
US 61



STA 2328+00.00



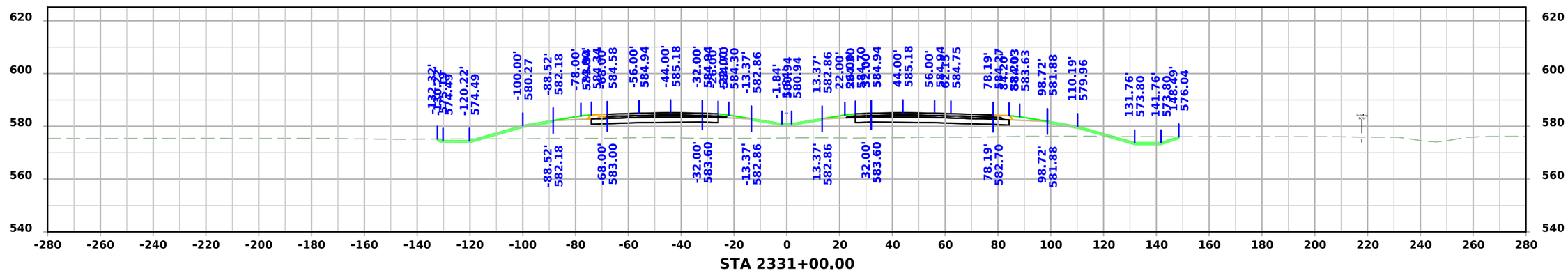
STA 2327+00.00



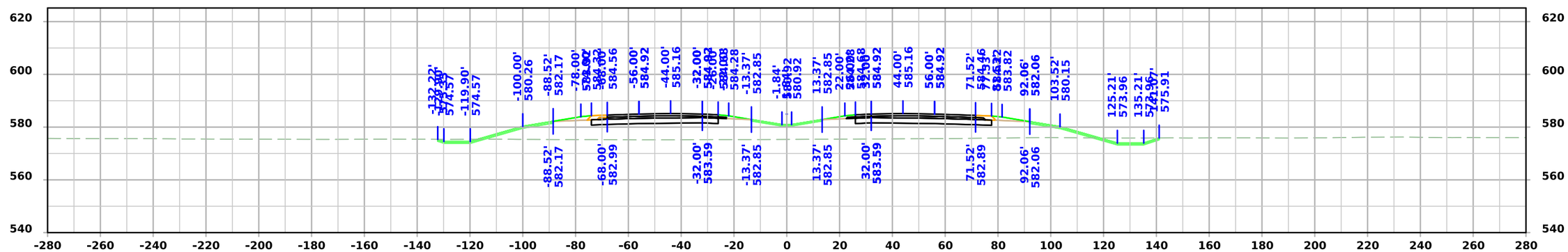
STA 2326+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.75

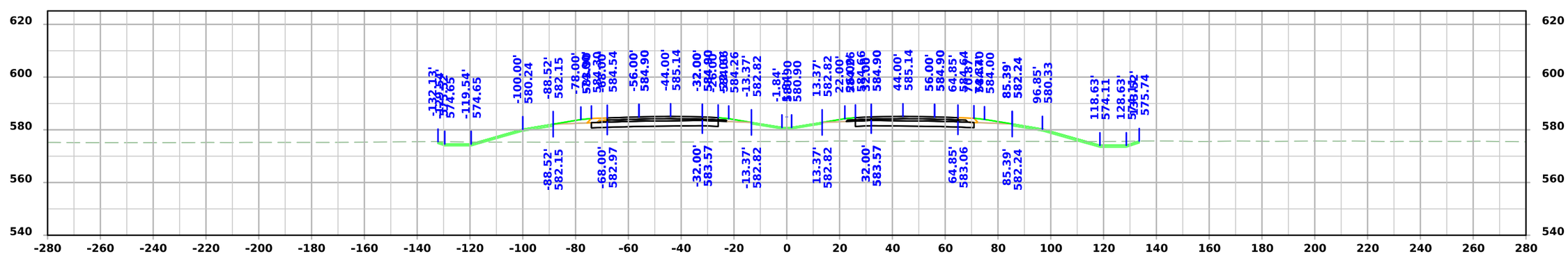
US 61



STA 2331+00.00



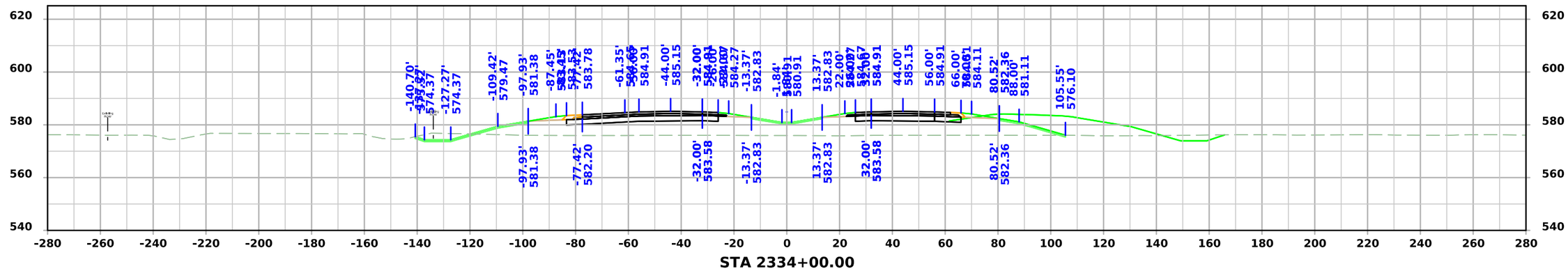
STA 2330+00.00

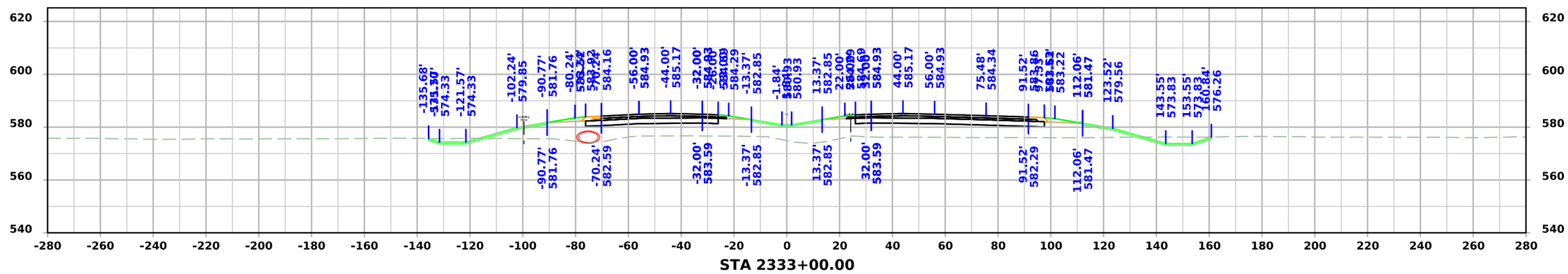


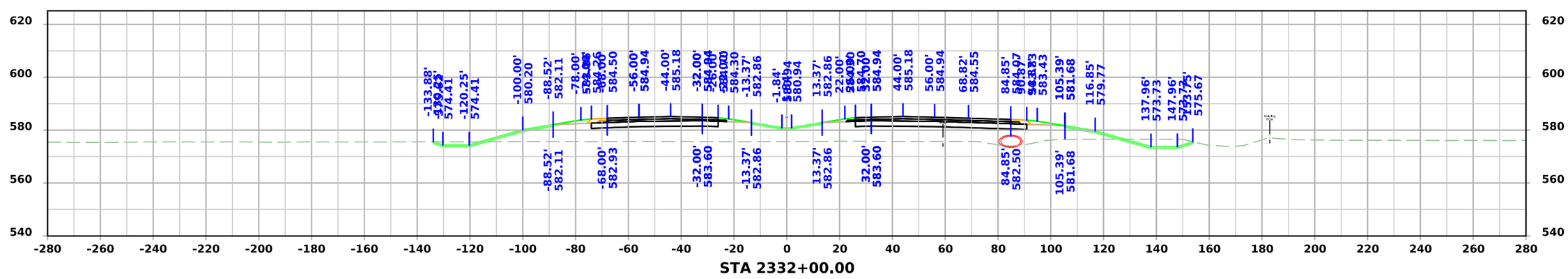
STA 2329+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.76

US 61



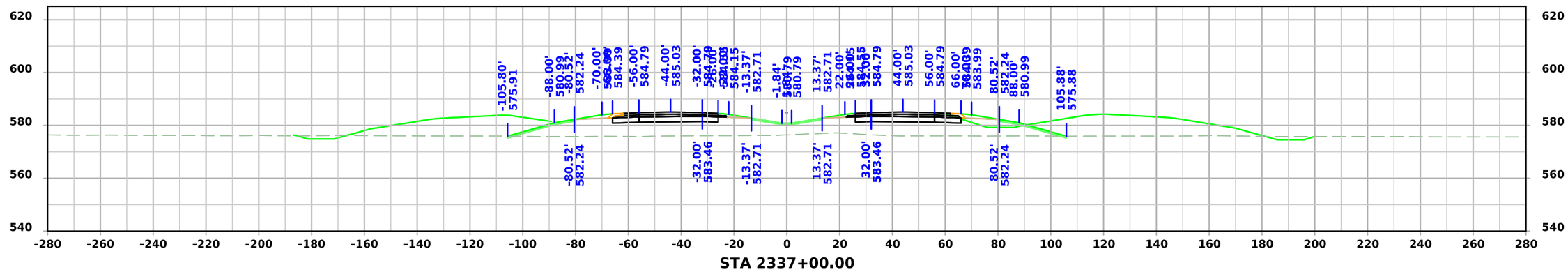


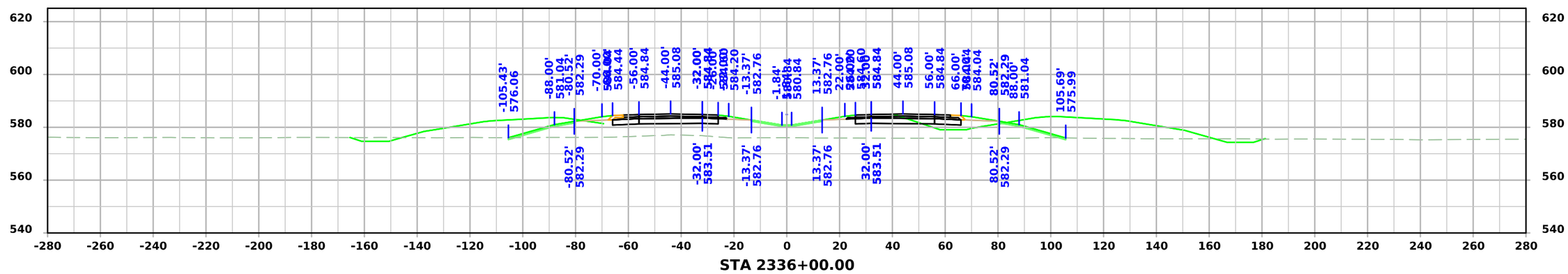


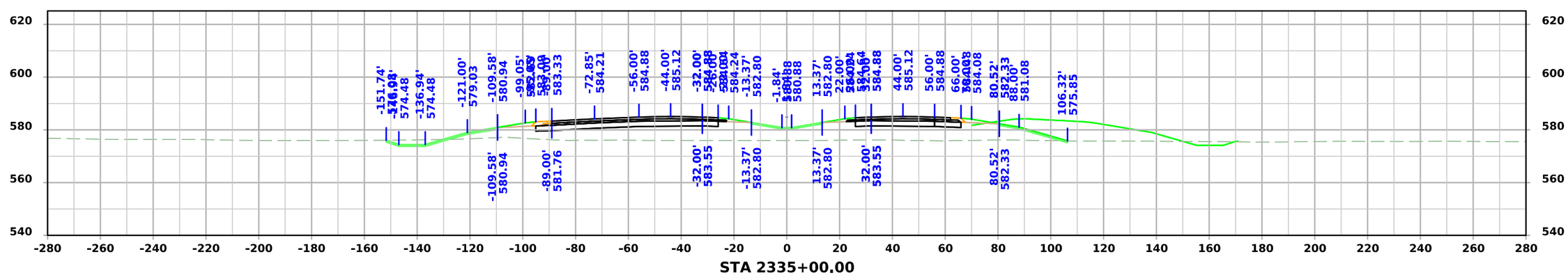
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.77

1:23:10 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61

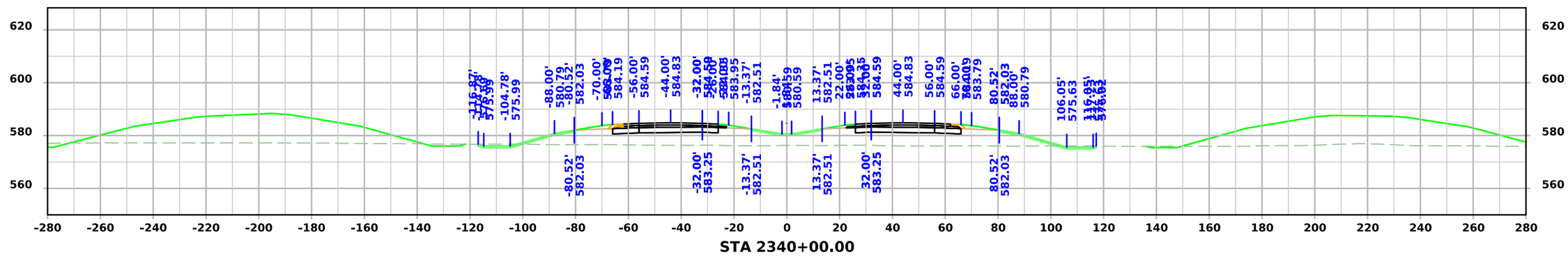


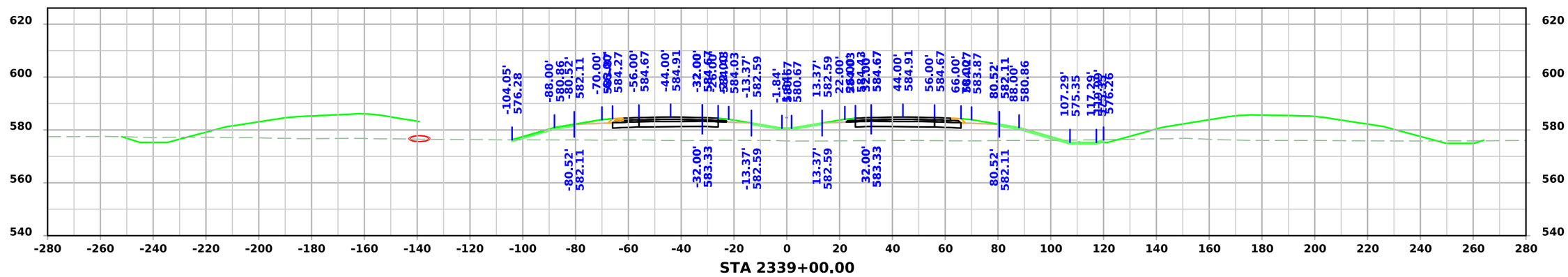


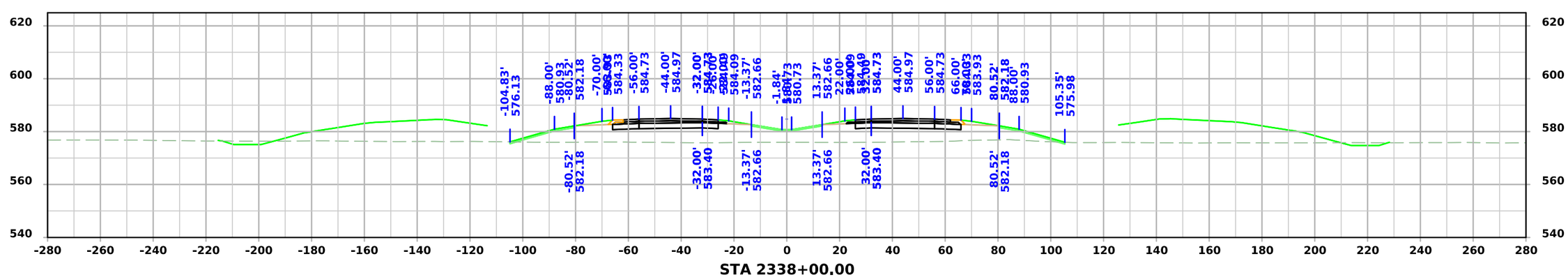


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.78

US 61



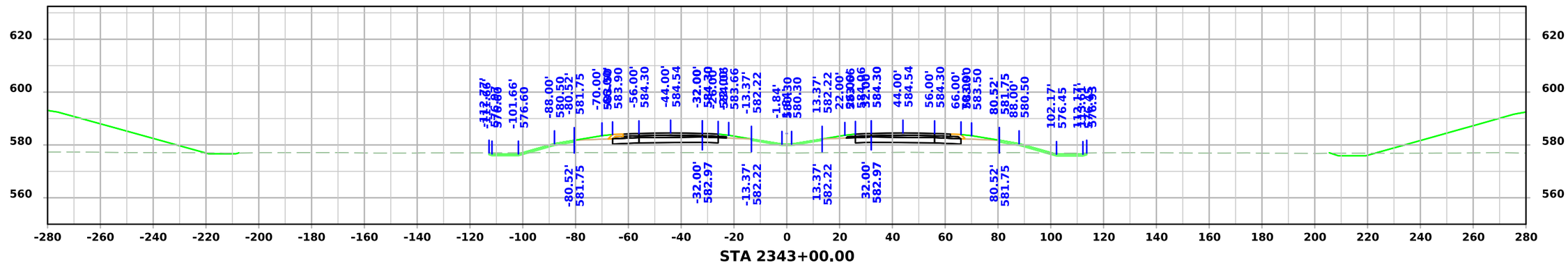




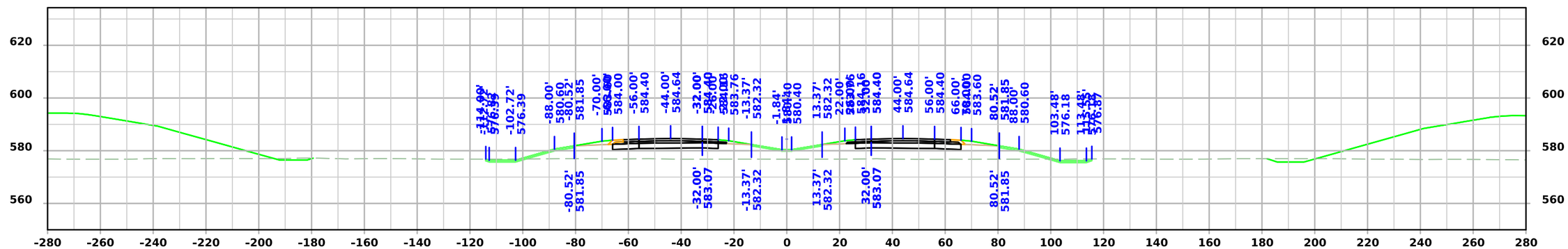
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.79

1:23:23 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

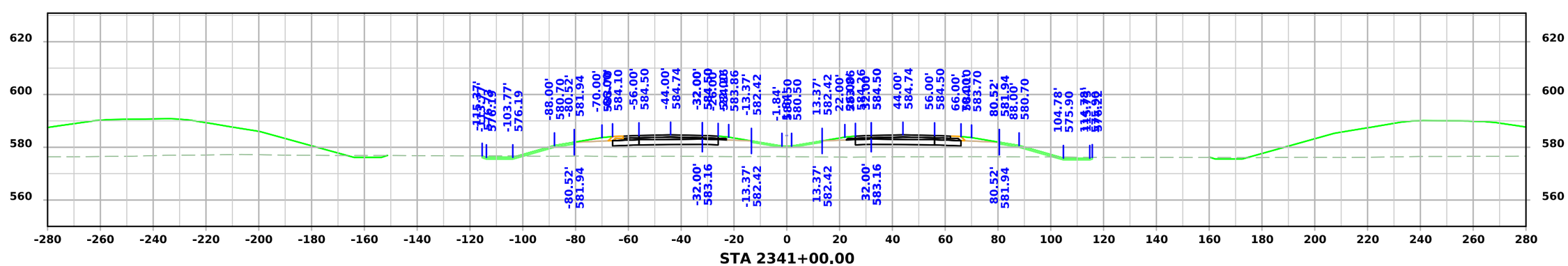
US 61



STA 2343+00.00



STA 2342+00.00

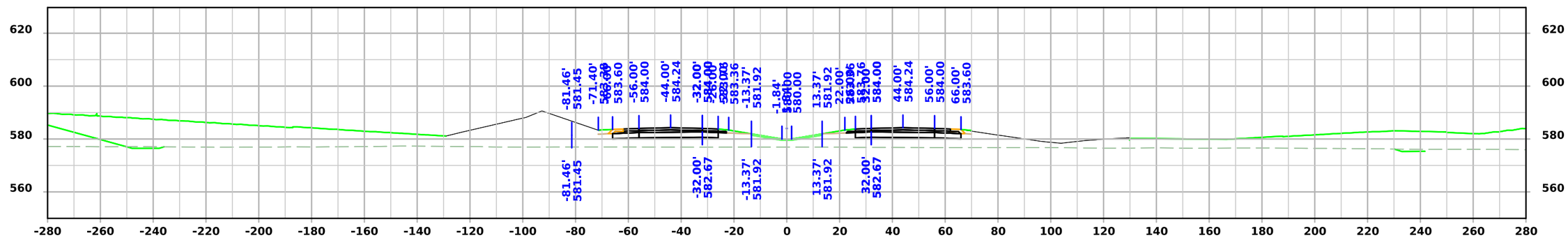


STA 2341+00.00

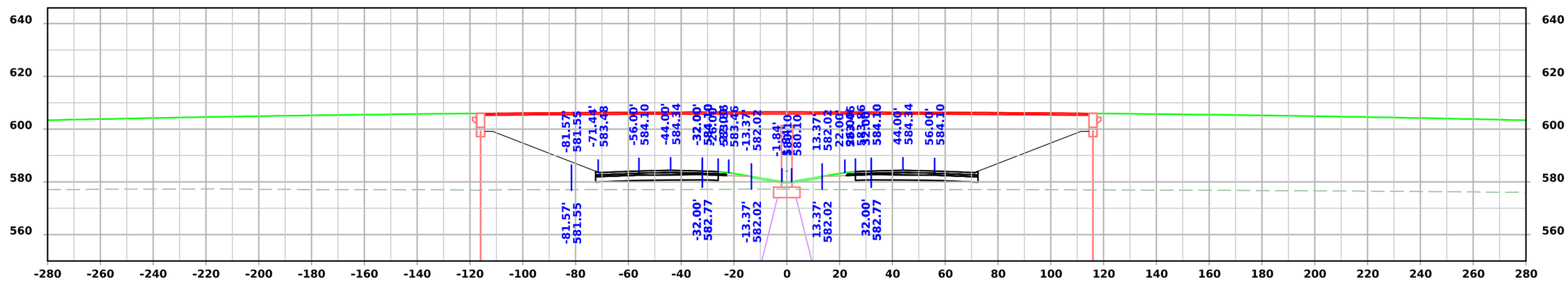
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.80

1:23:29 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

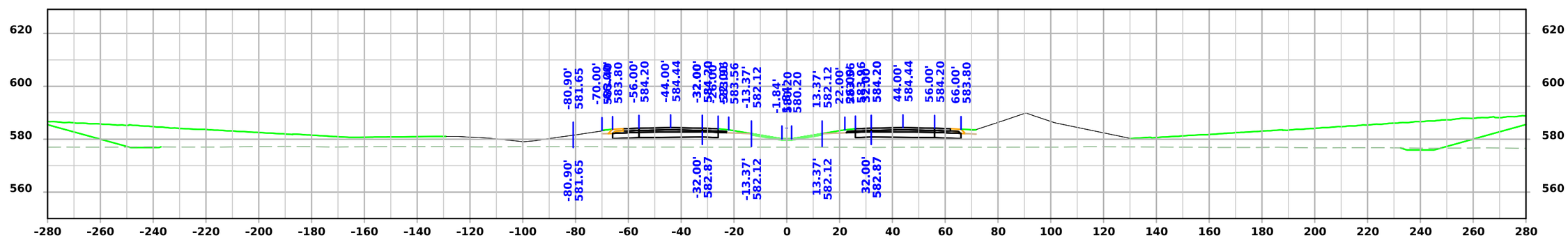
US 61



STA 2346+00.00



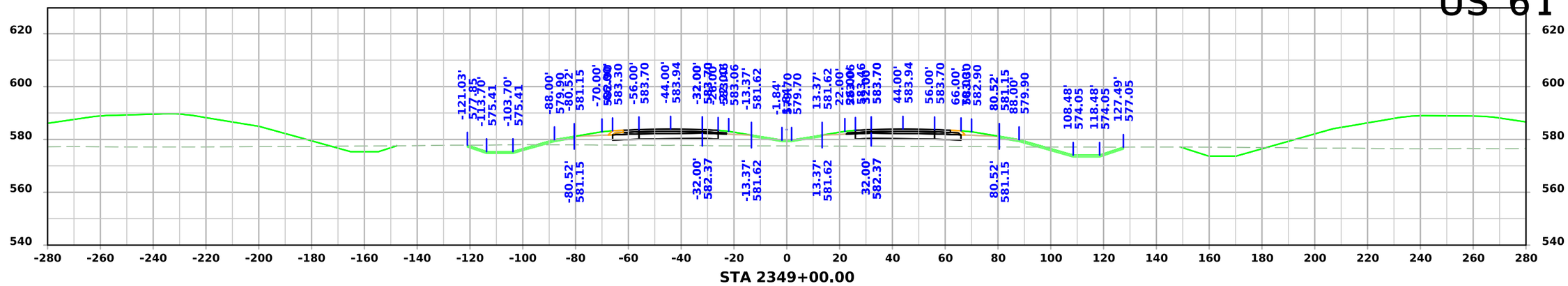
STA 2345+00.00

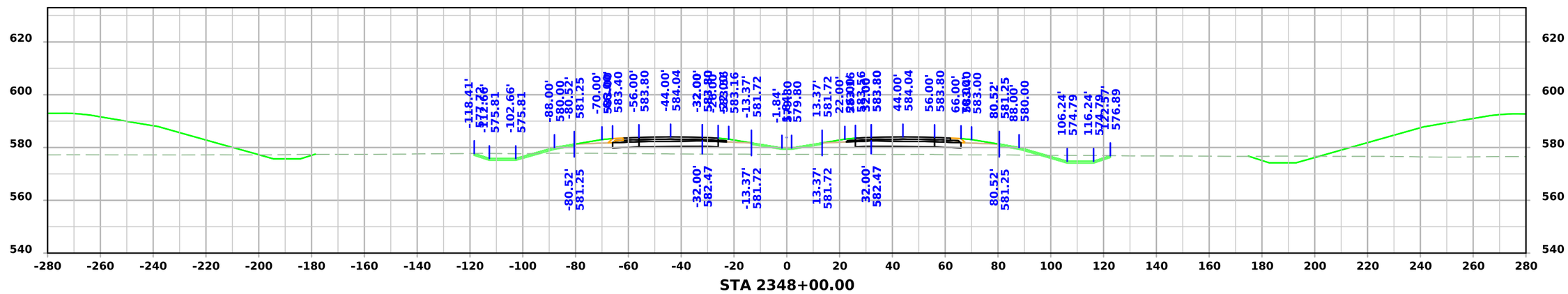


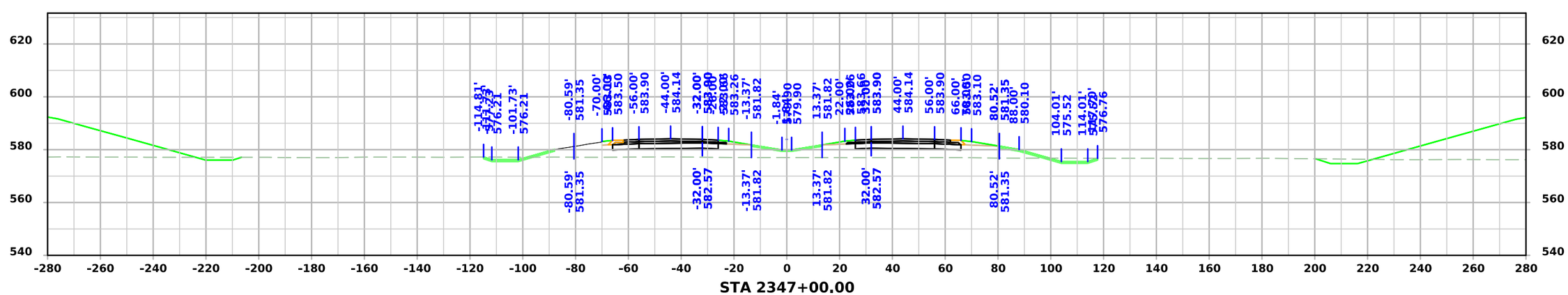
STA 2344+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.81

US 61



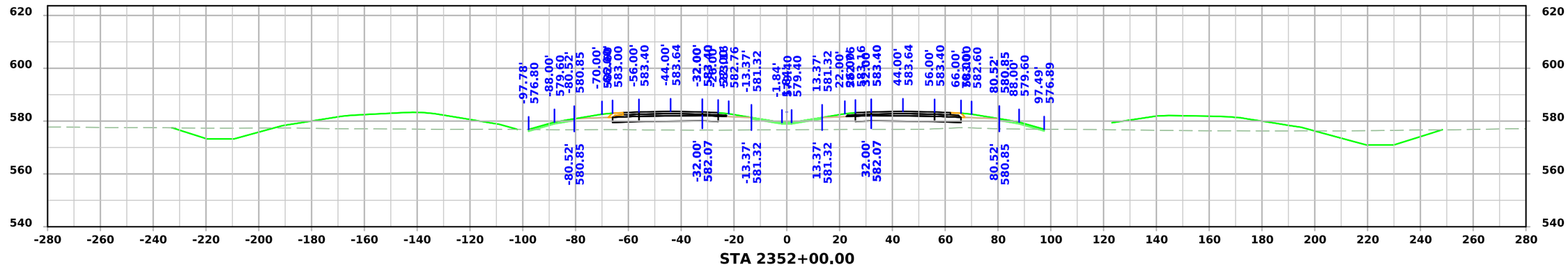




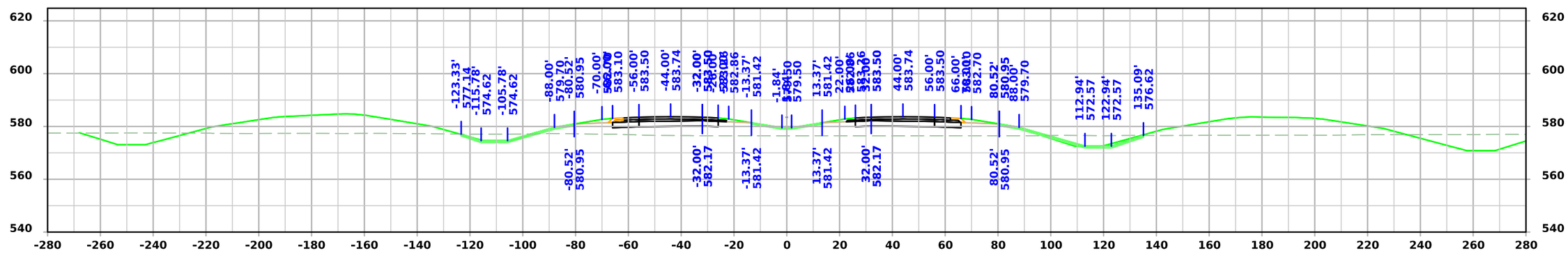
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.82

1:23:43 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

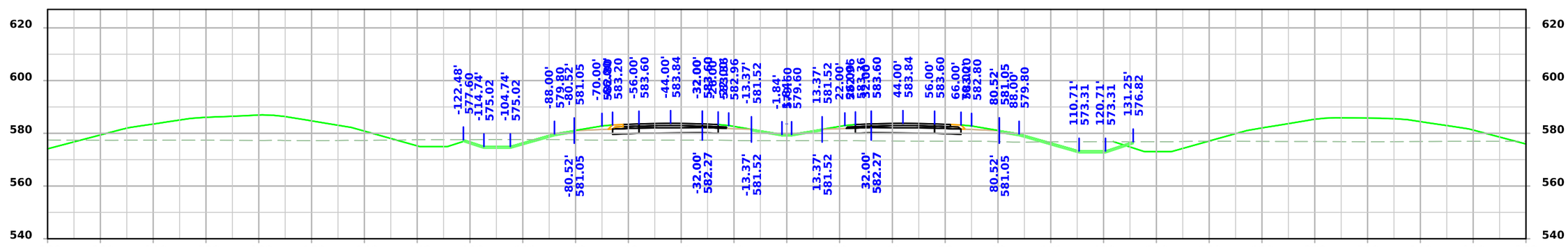
US 61



STA 2352+00.00



STA 2351+00.00

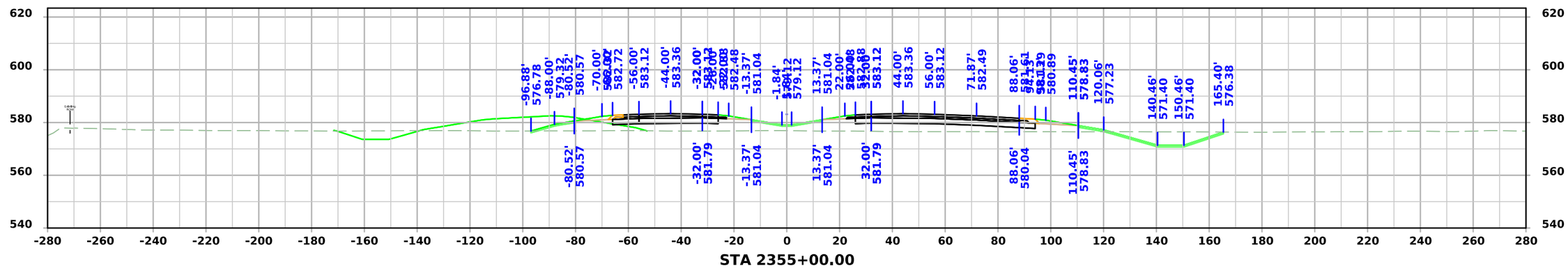


STA 2350+00.00

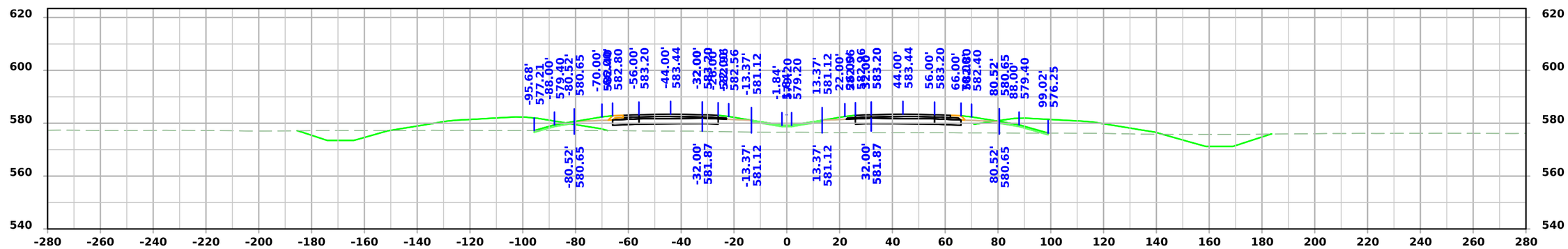
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.83

1:23:49 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

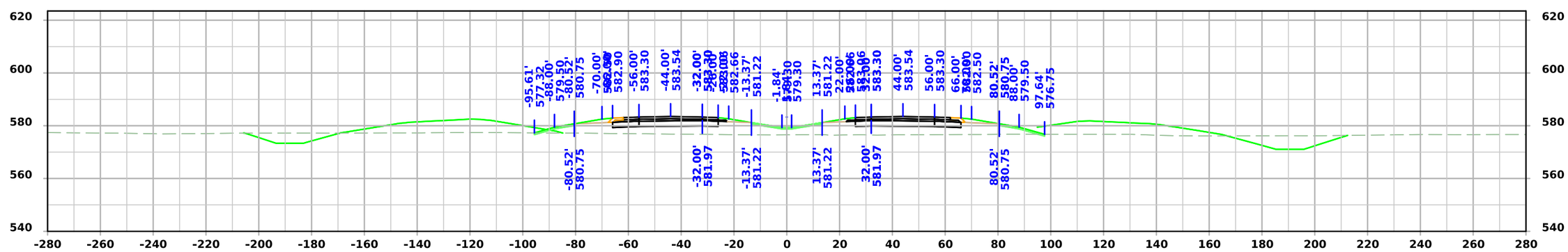
US 61



STA 2355+00.00



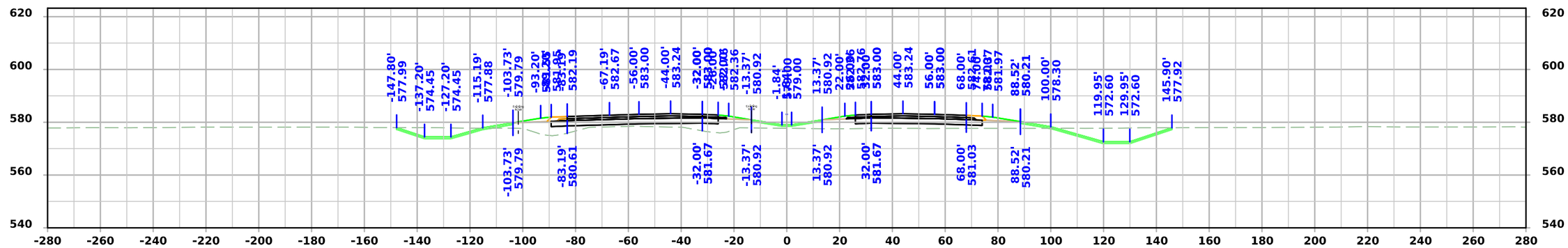
STA 2354+00.00

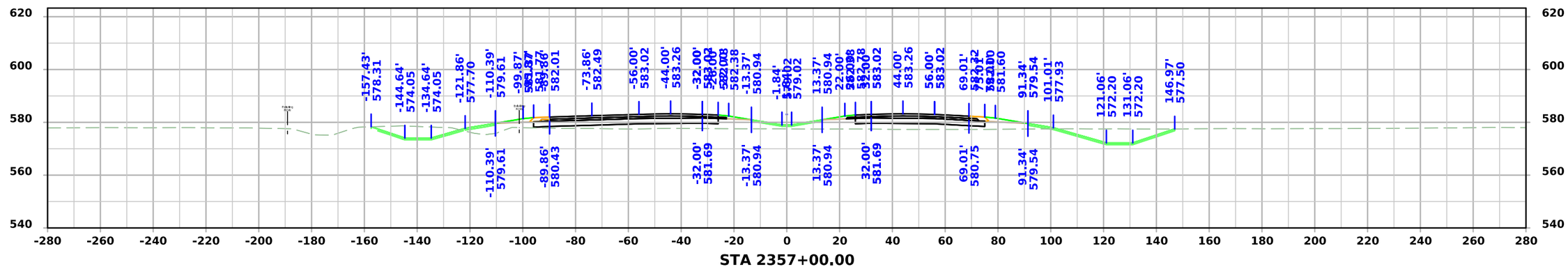


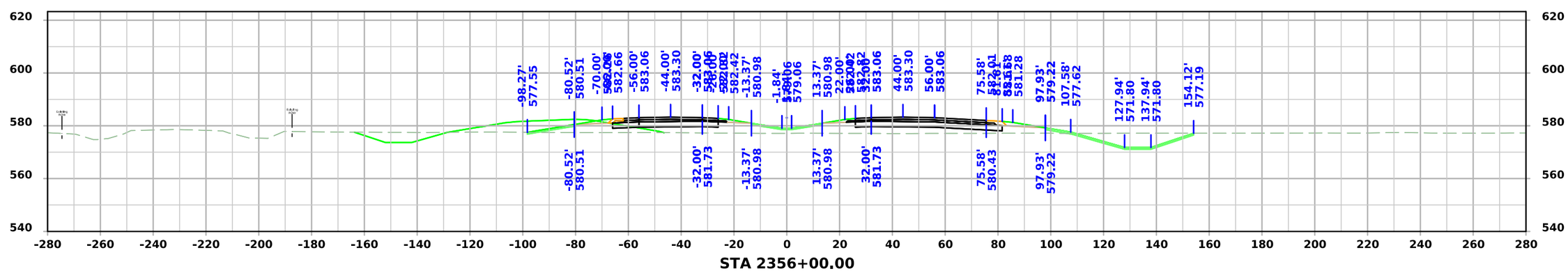
STA 2353+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.84

US 61



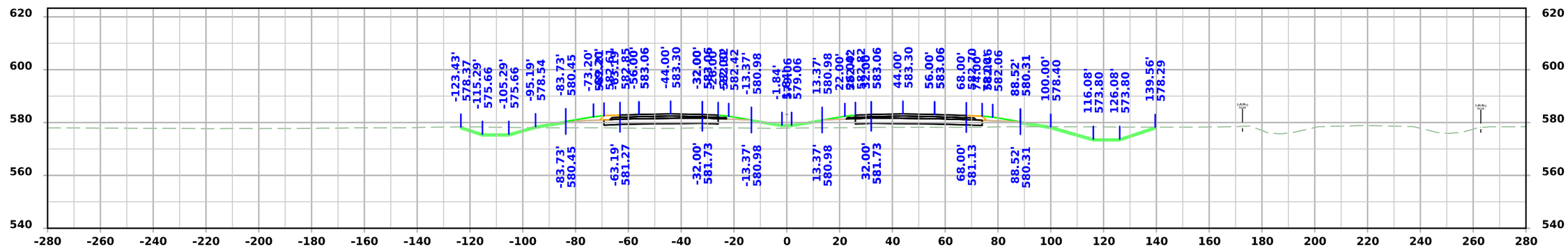




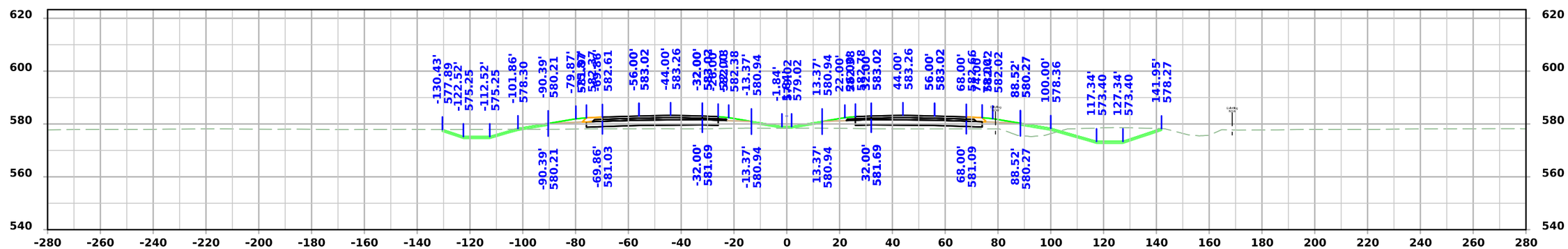
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.85

1:24:01 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

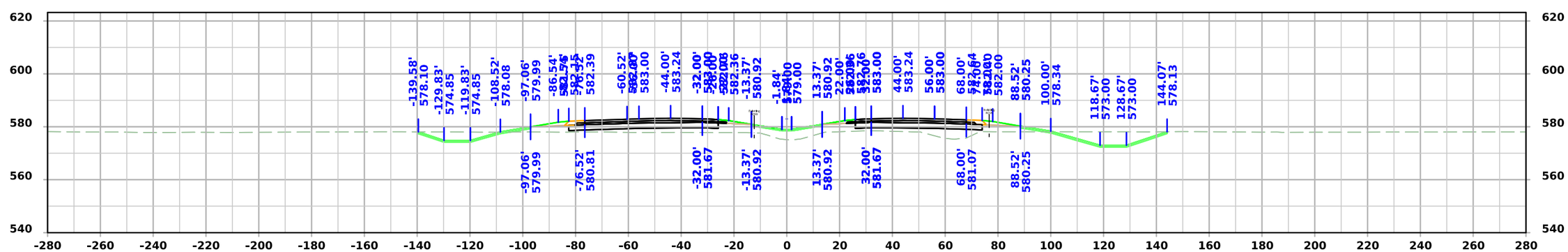
US 61



STA 2361+00.00



STA 2360+00.00

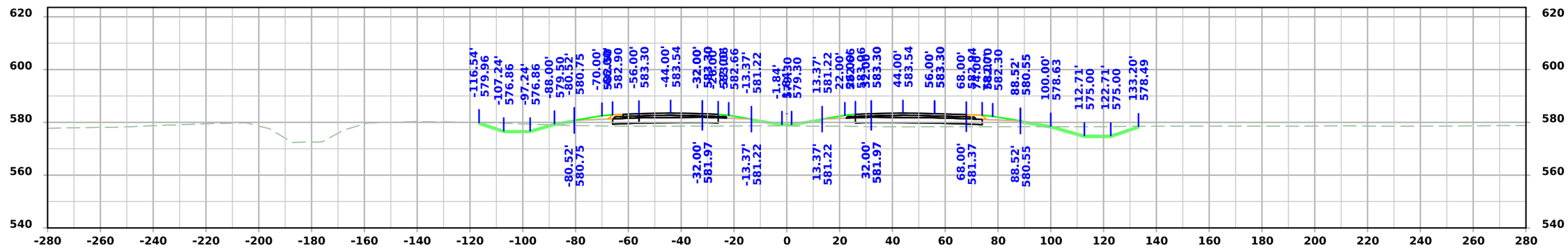


STA 2359+00.00

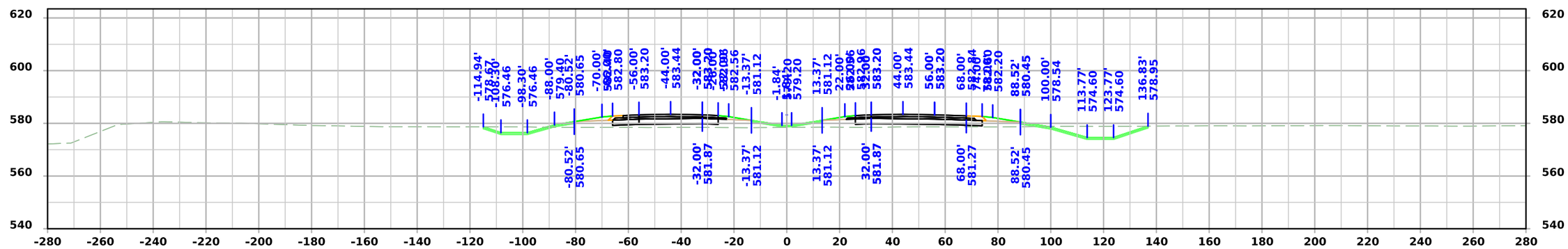
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.86

1:24:08 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

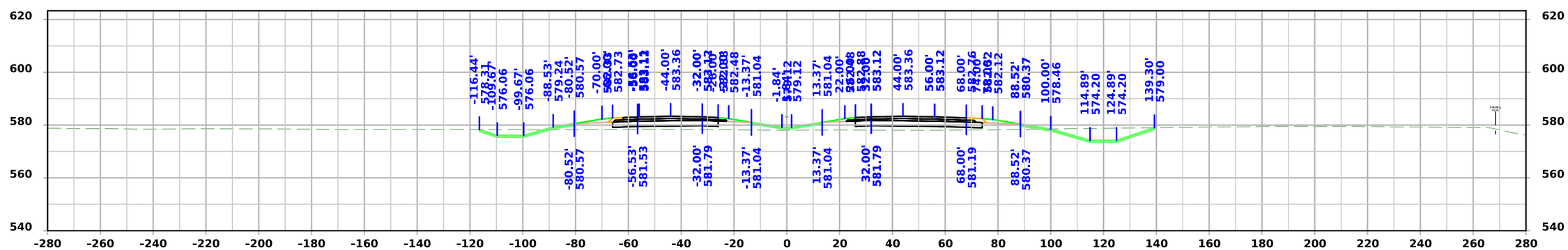
US 61



STA 2364+00.00



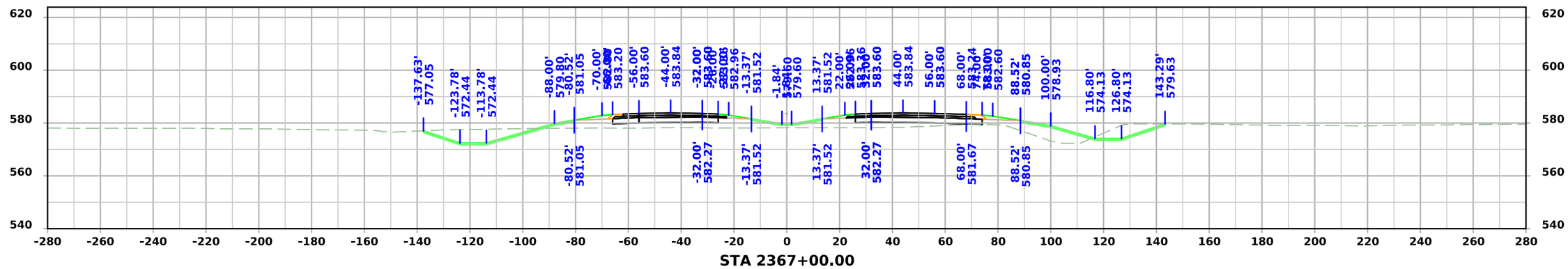
STA 2363+00.00



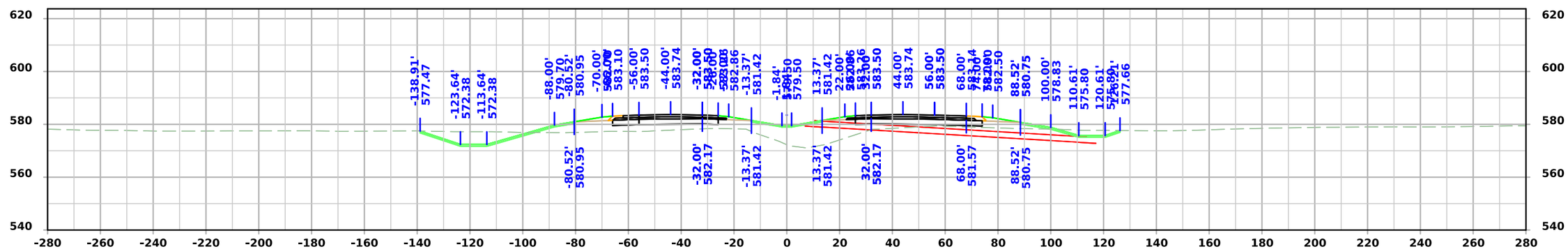
STA 2362+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.87

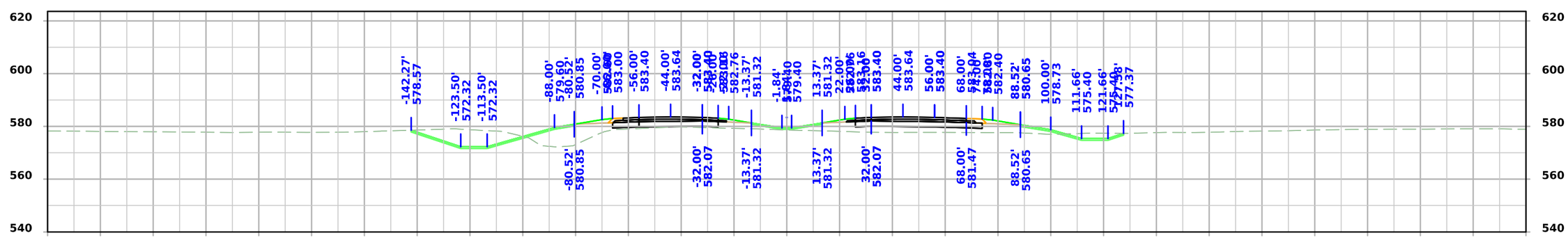
US 61



STA 2367+00.00



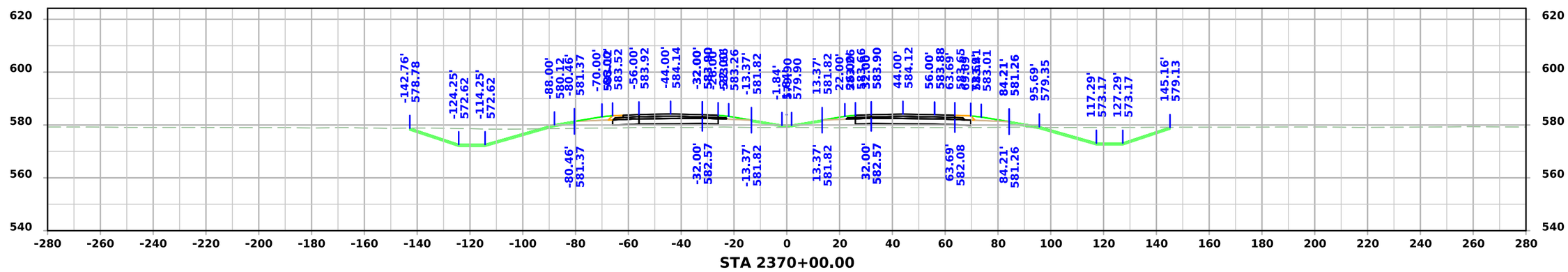
STA 2366+00.00

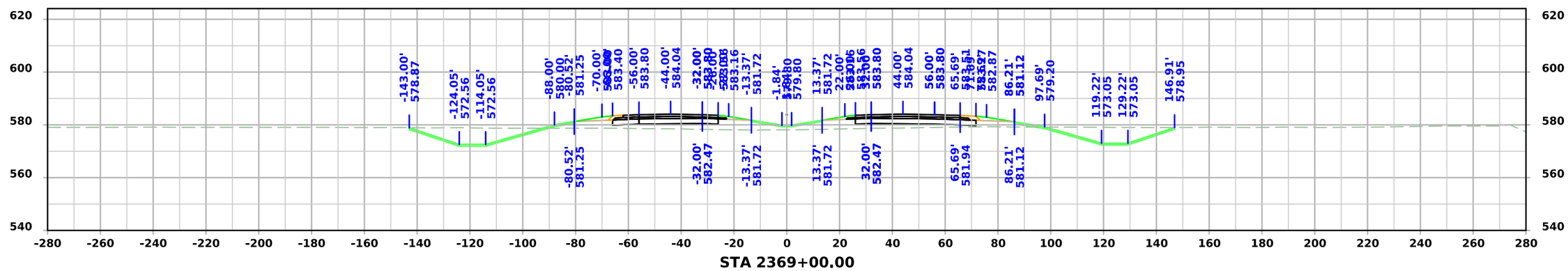


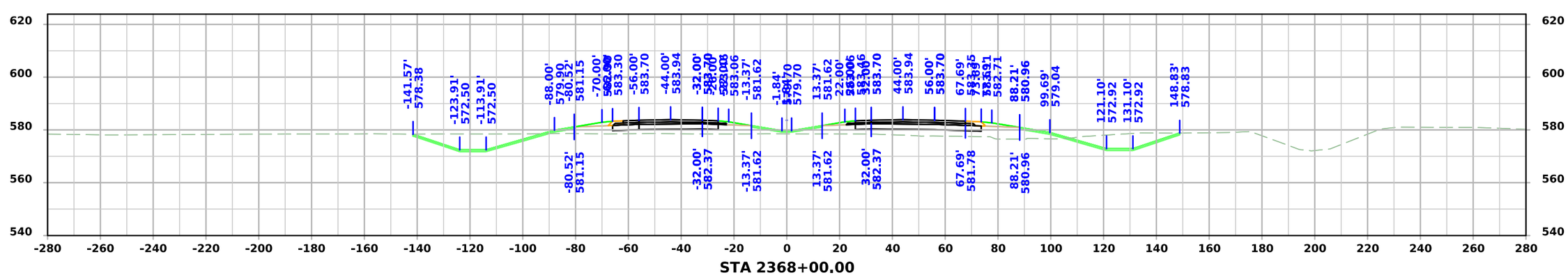
STA 2365+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.88

US 61



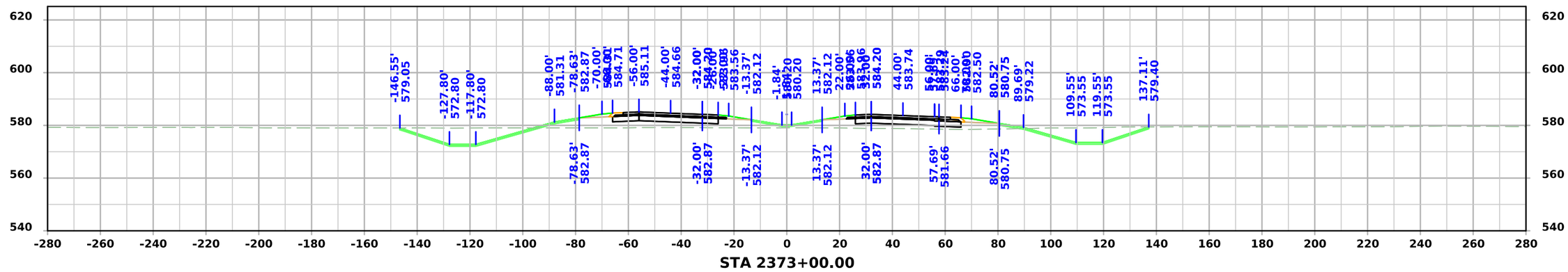


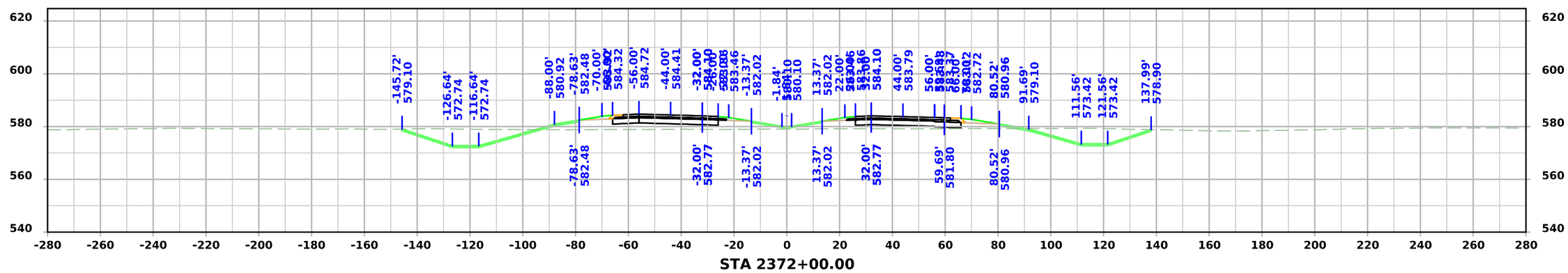


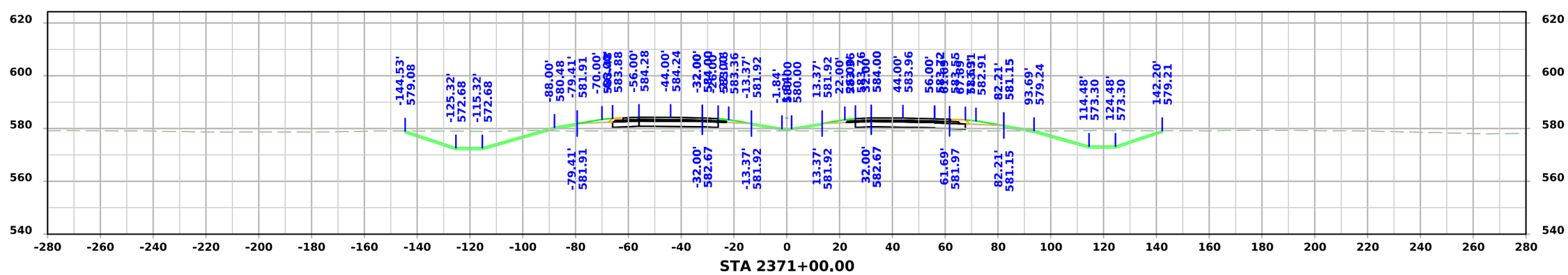
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.89

1:24:27 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61



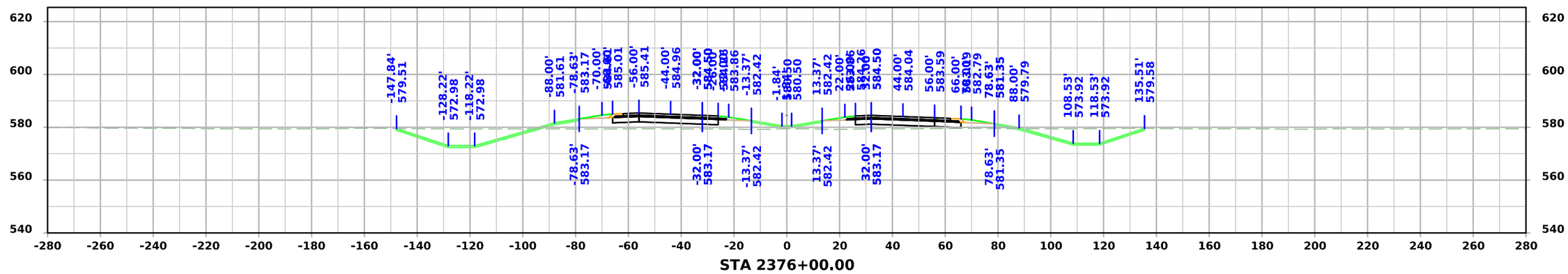


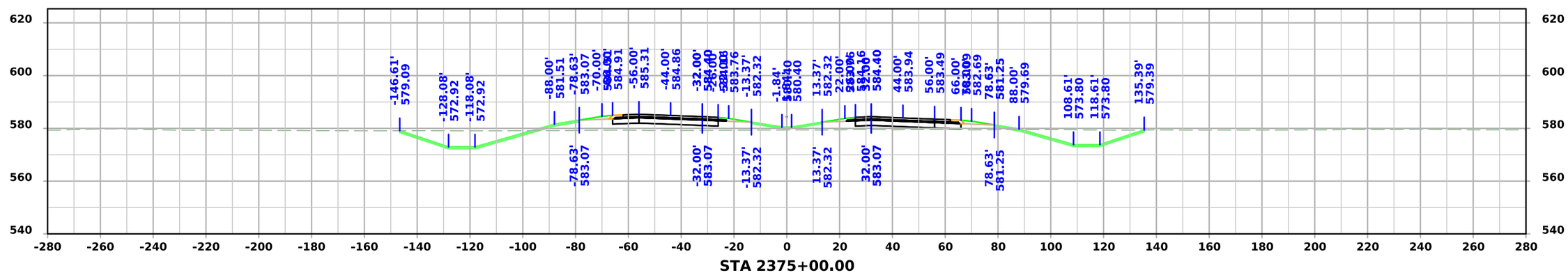


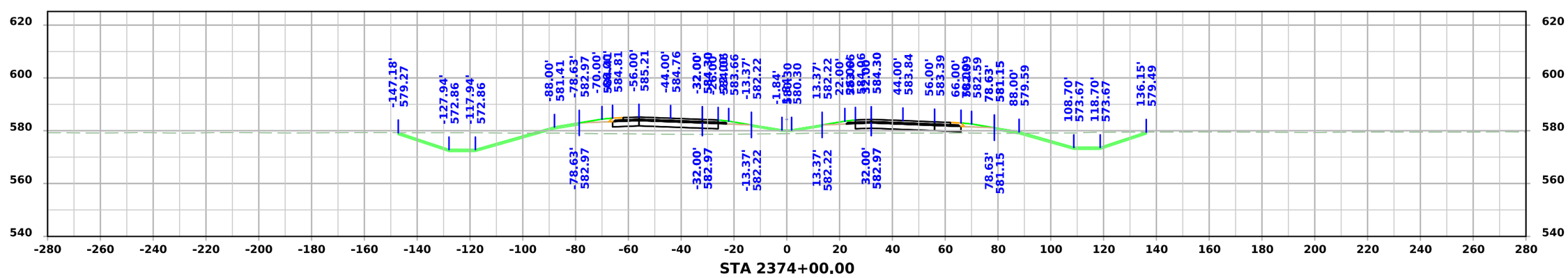
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.90

1:24:33 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61



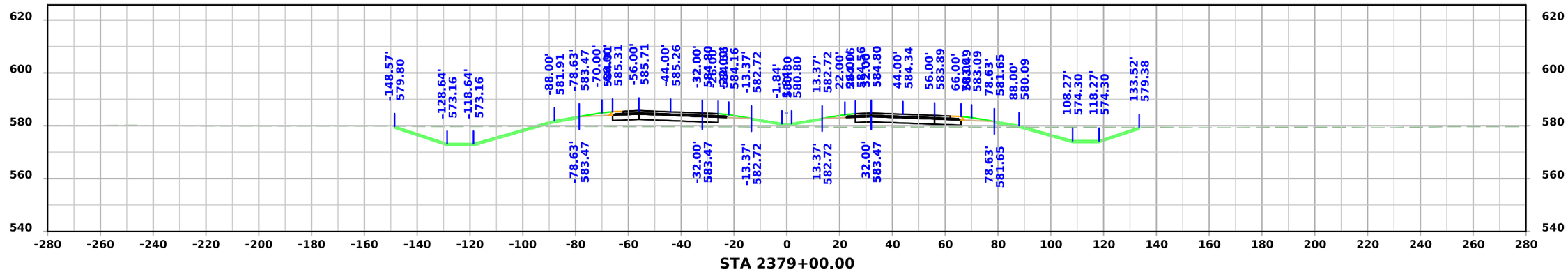




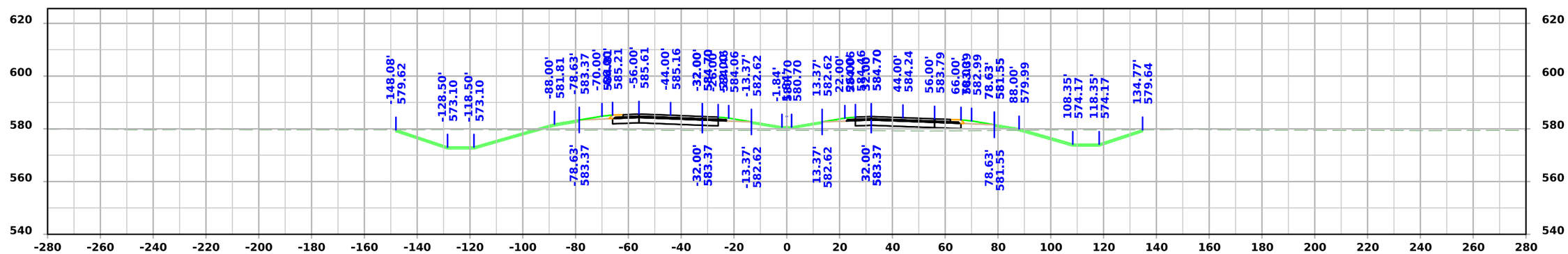
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.91

1:24:39 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

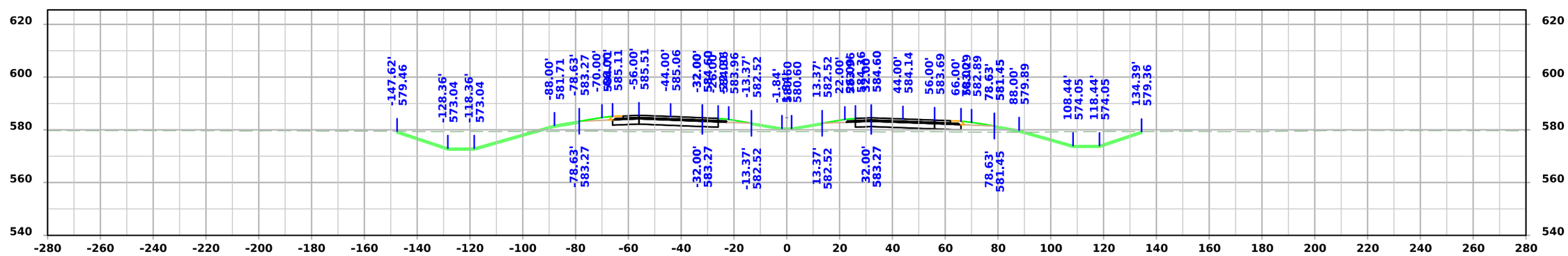
US 61



STA 2379+00.00



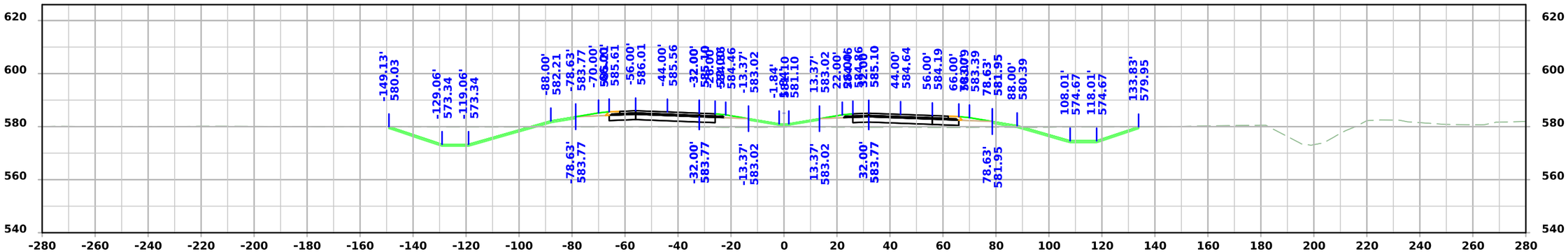
STA 2378+00.00



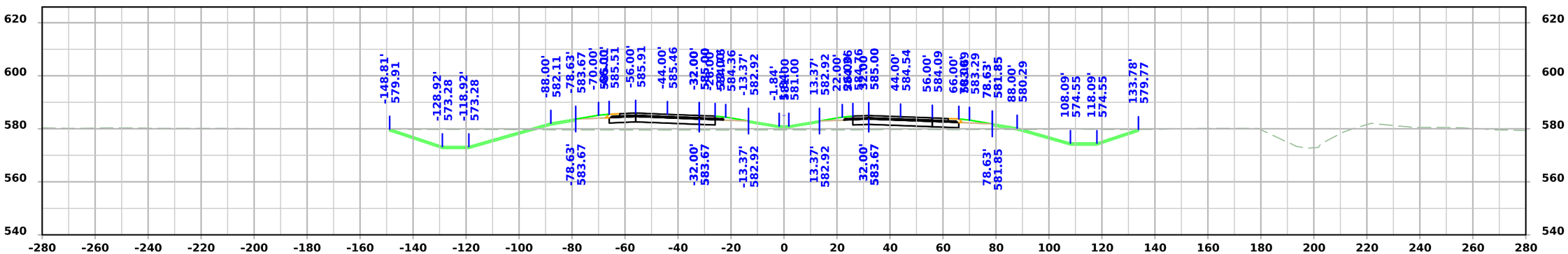
STA 2377+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.92

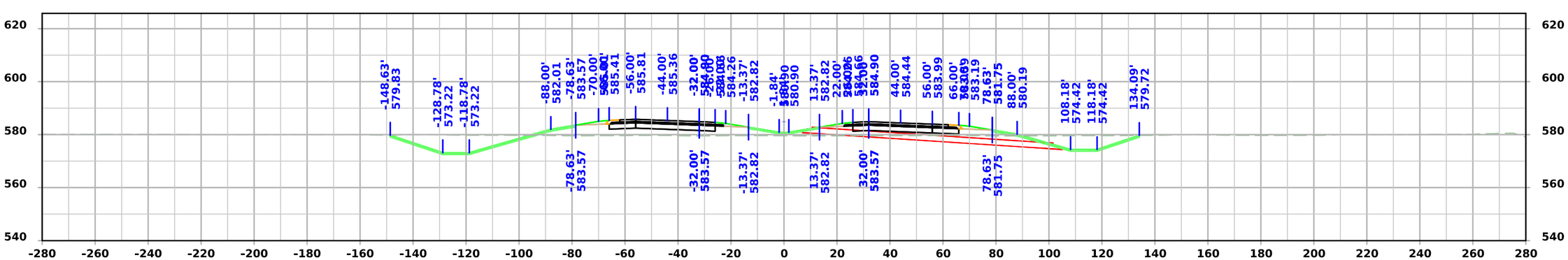
US 61



STA 2382+00.00



STA 2381+00.00

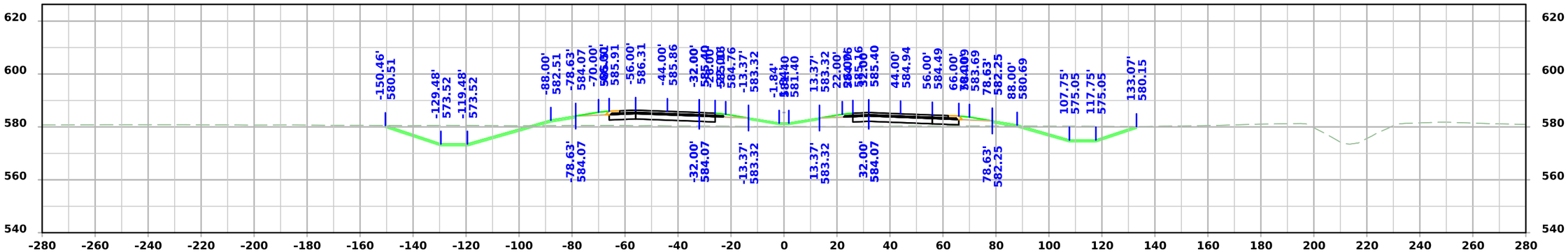


STA 2380+00.00

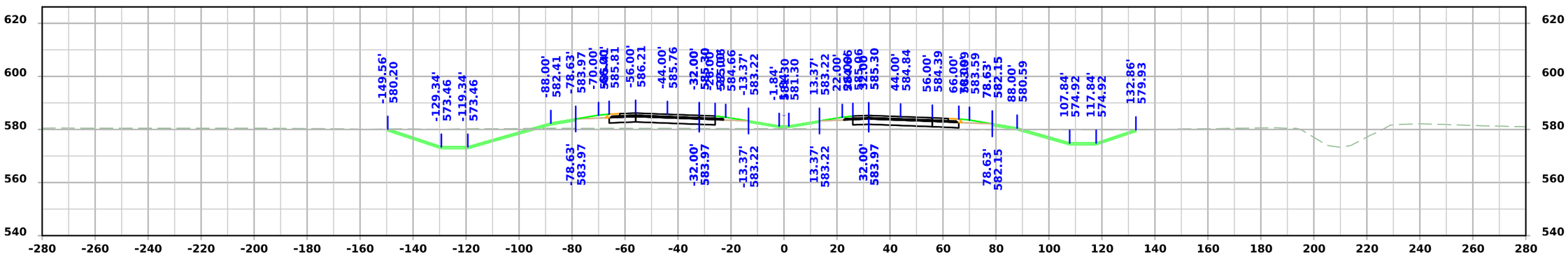
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.93

1:24:51 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

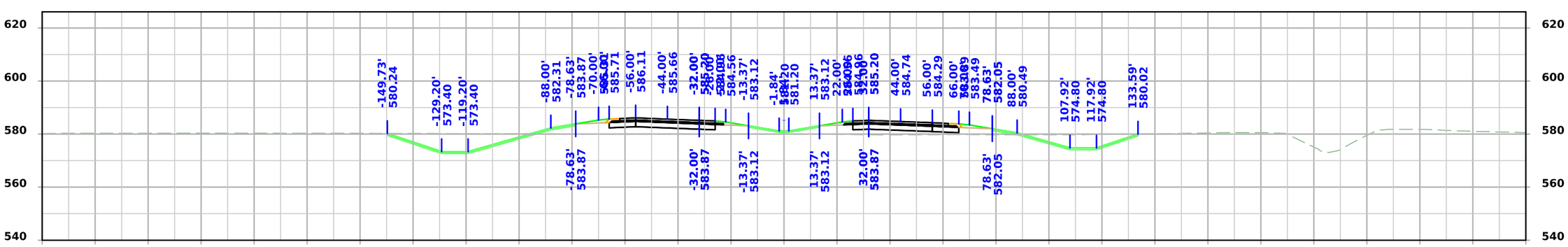
US 61



STA 2385+00.00



STA 2384+00.00

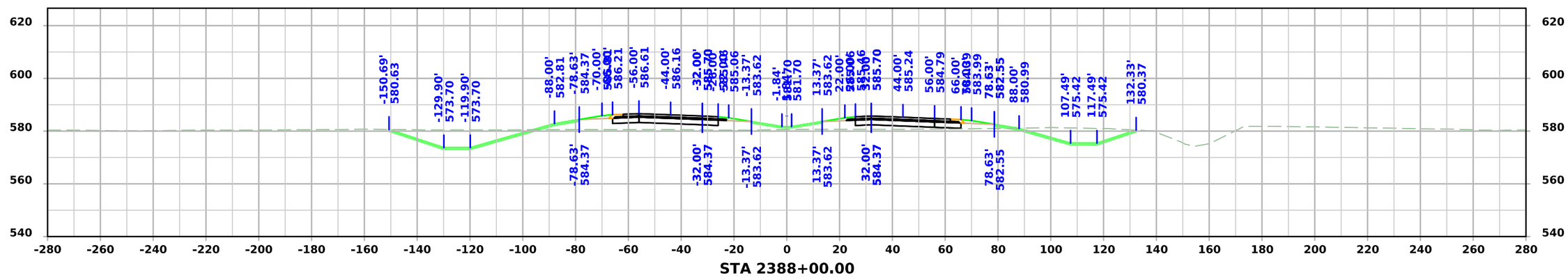


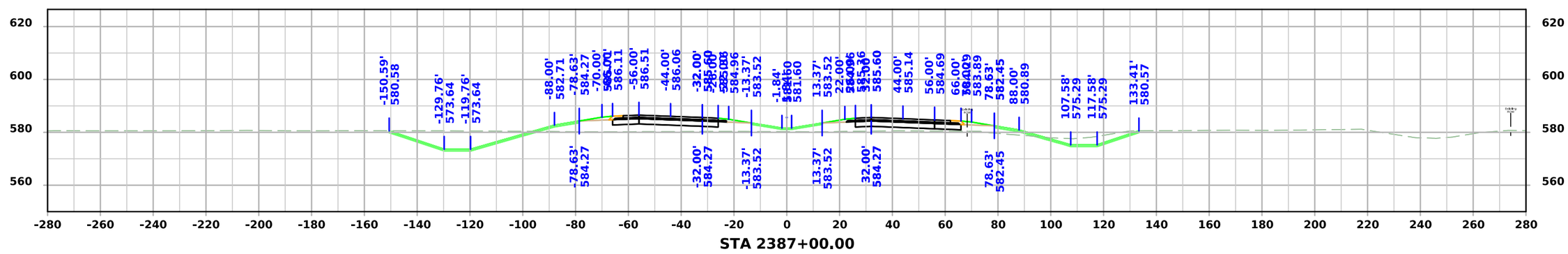
STA 2383+00.00

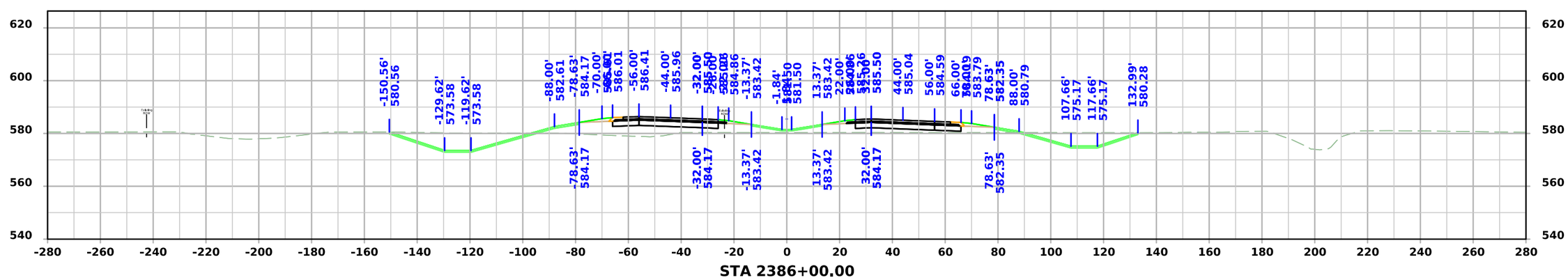
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.94

1:24:58 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61



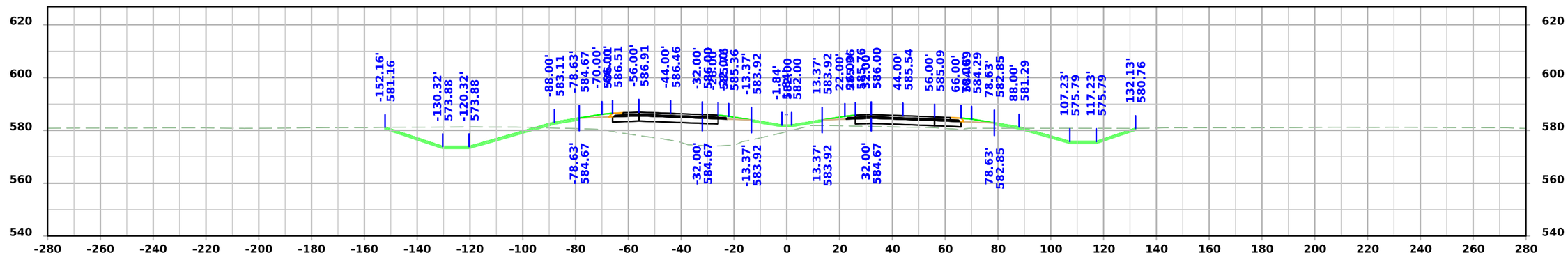




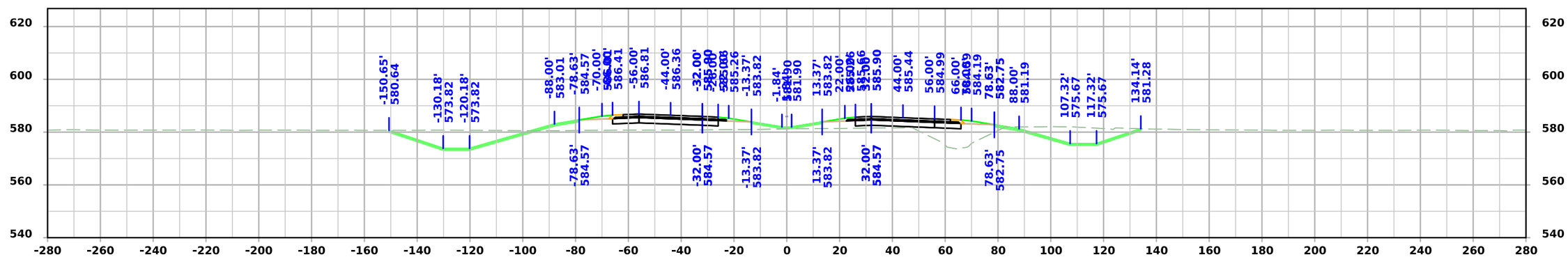
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.95

1:25:04 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

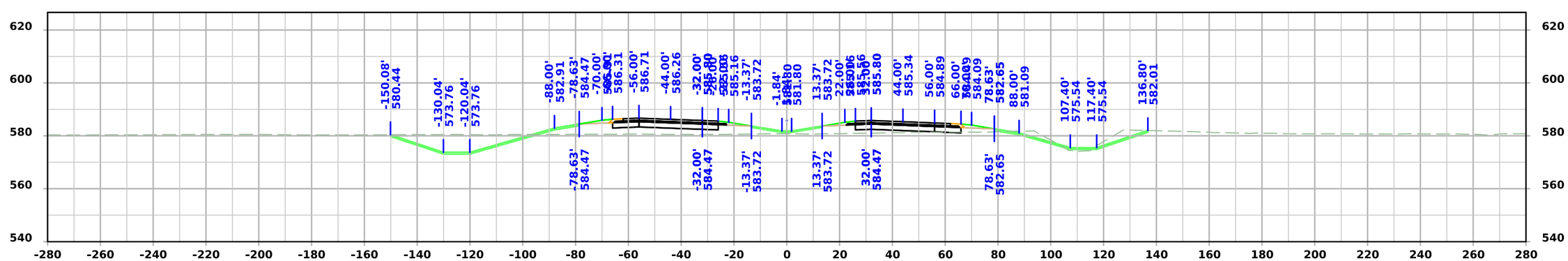
US 61



STA 2391+00.00



STA 2390+00.00

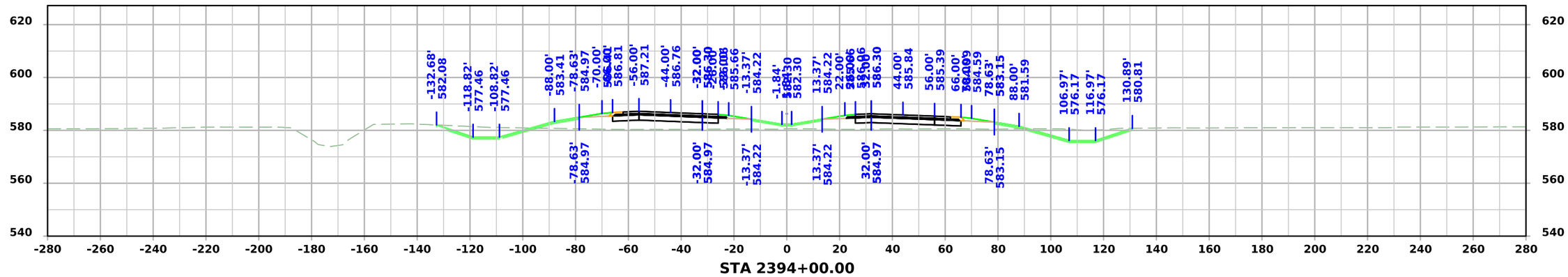


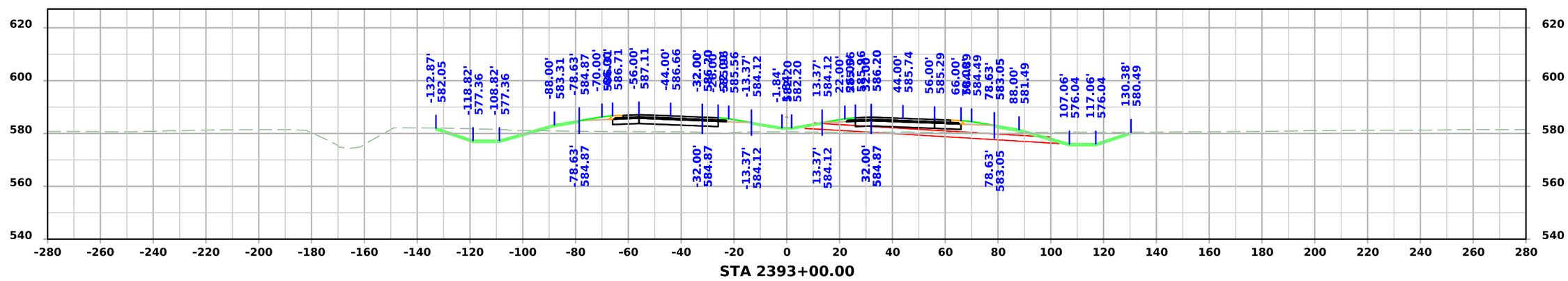
STA 2389+00.00

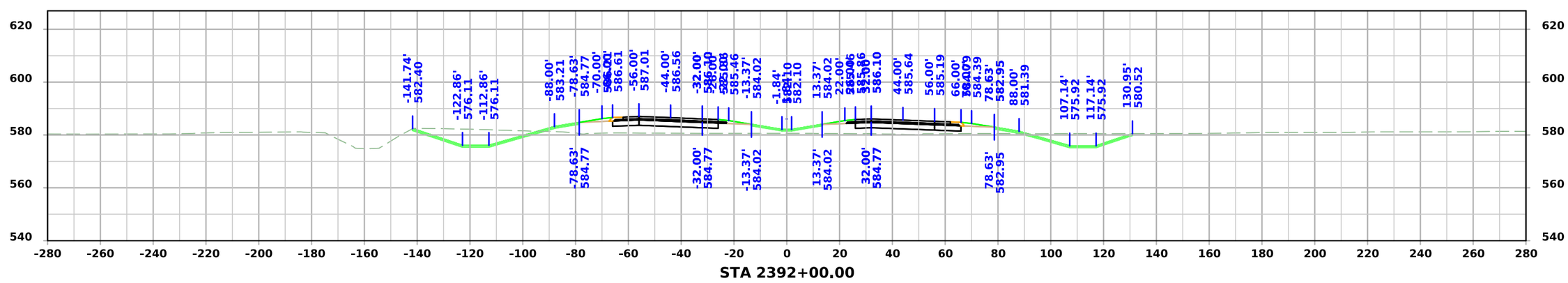
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.96

1:25:12 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61



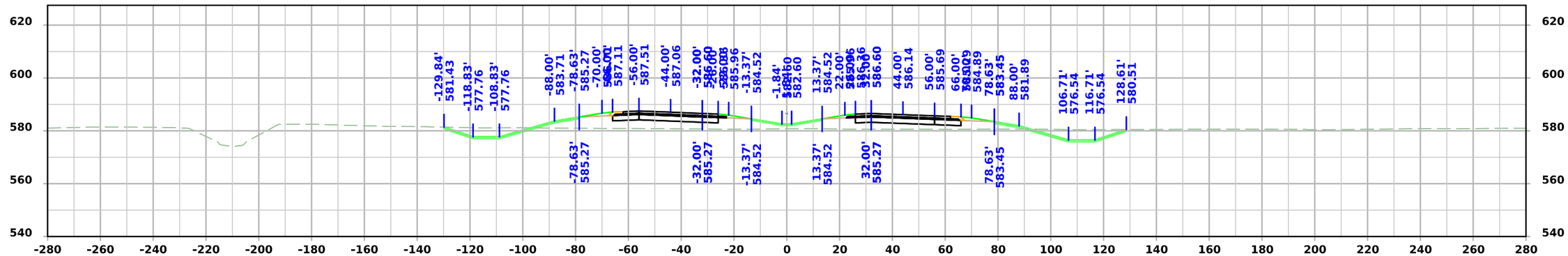


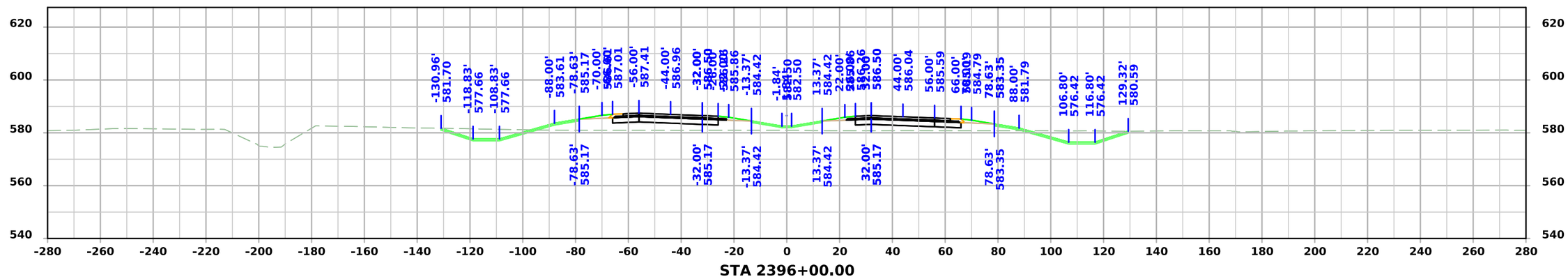


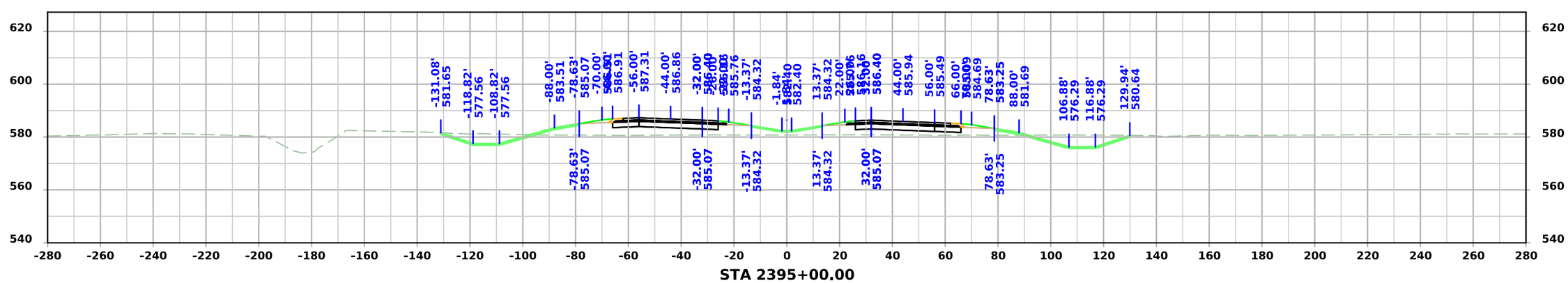
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.97

1:25:19 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61

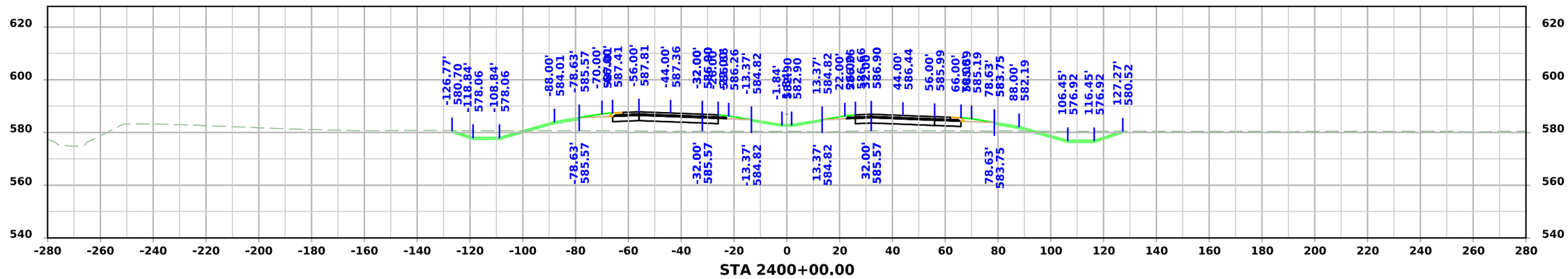


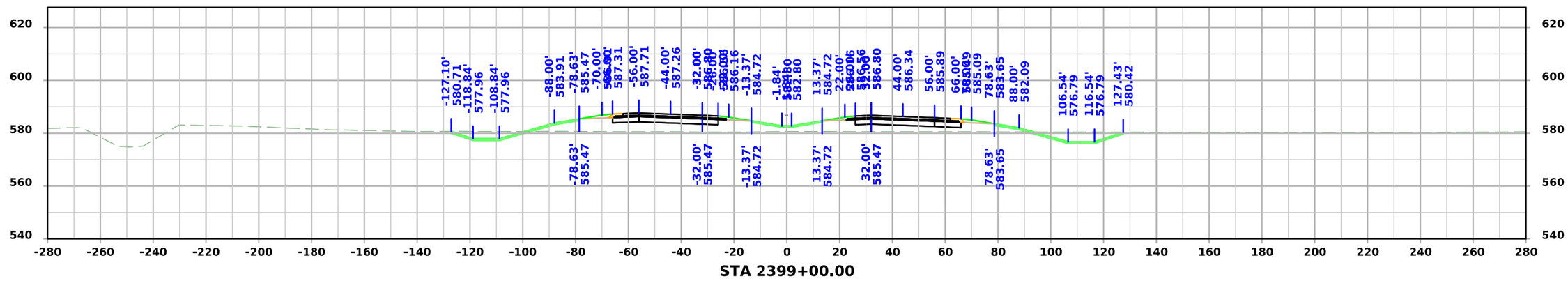


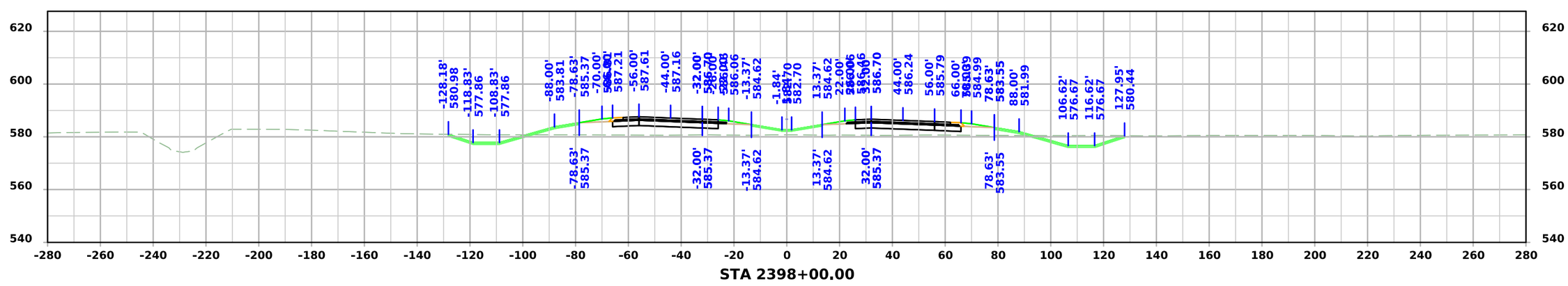


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.98

US 61

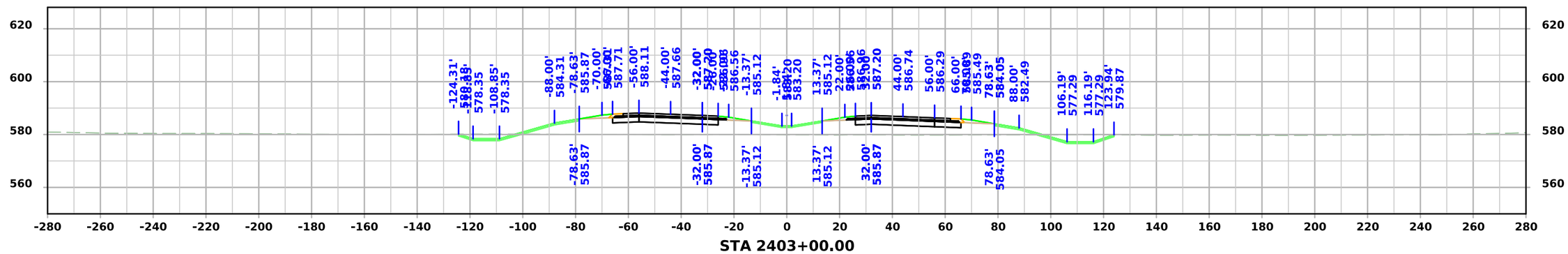


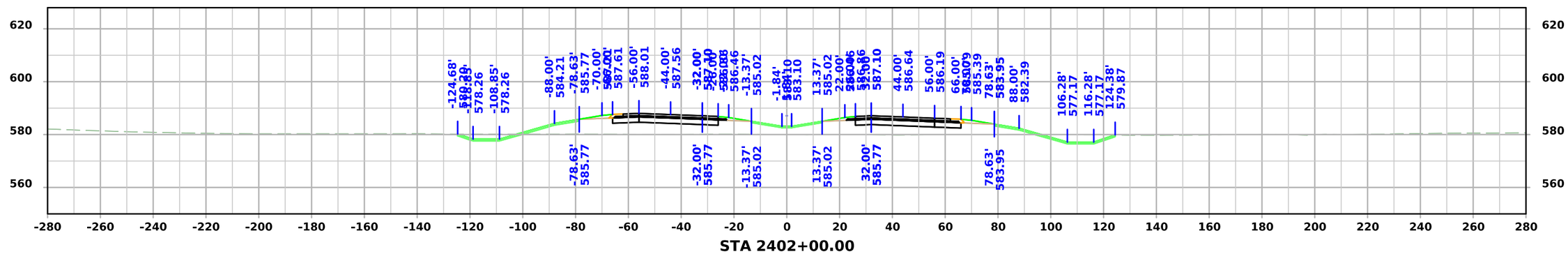


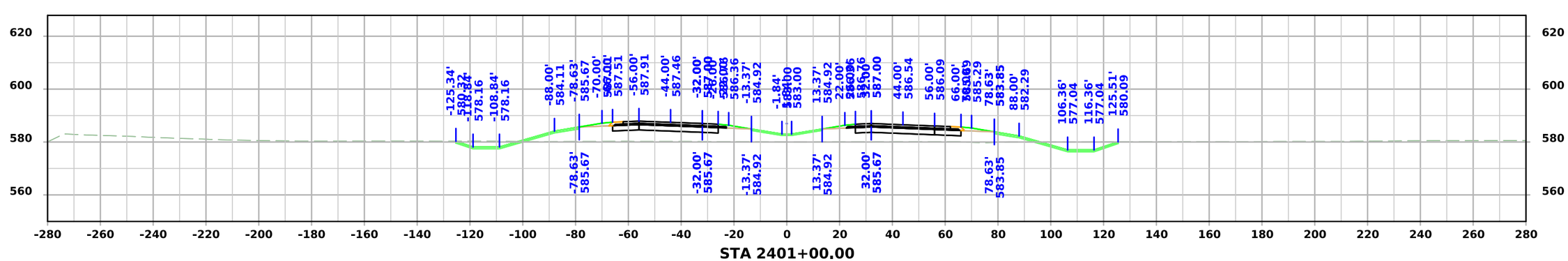


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.99

US 61



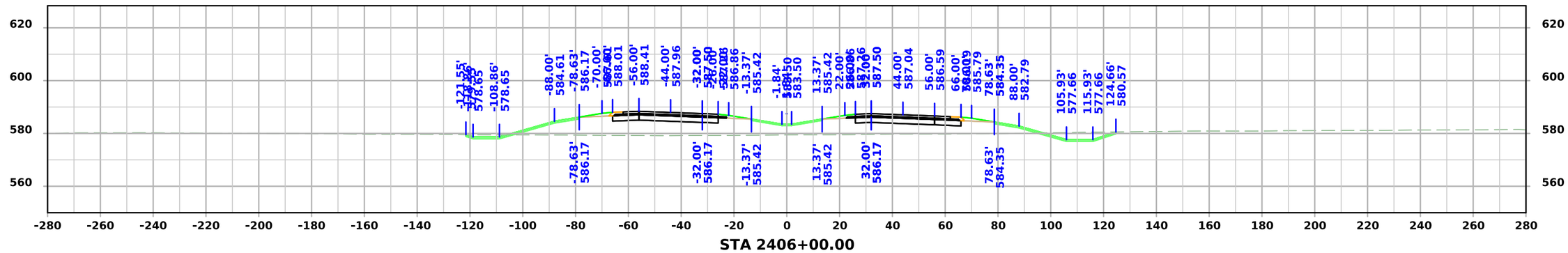




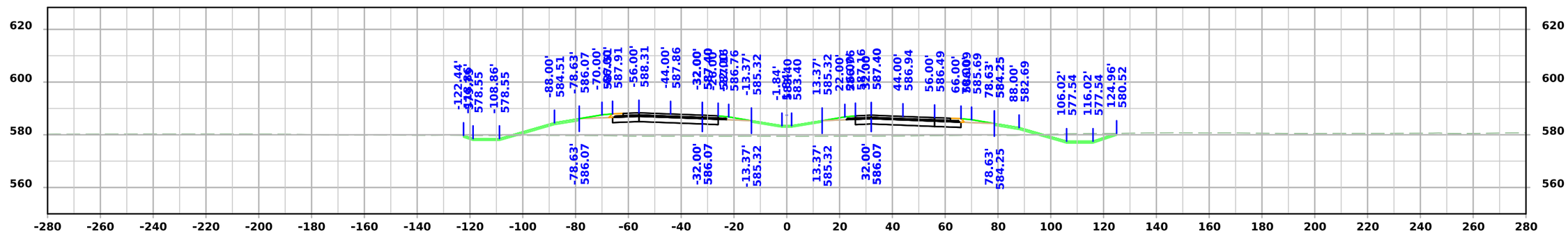
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.100

1:25:39 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

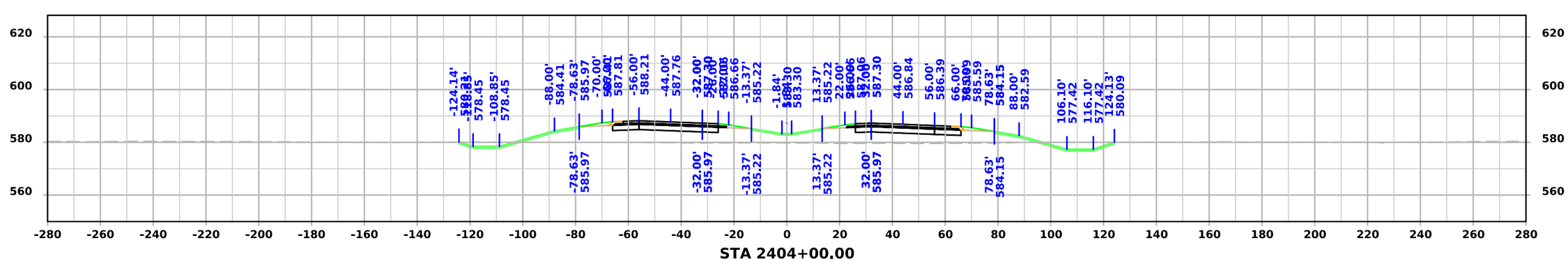
US 61



STA 2406+00.00



STA 2405+00.00

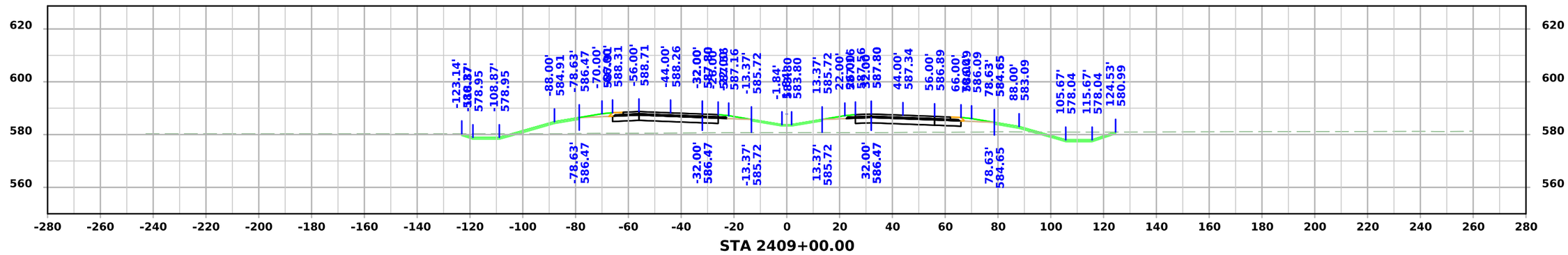


STA 2404+00.00

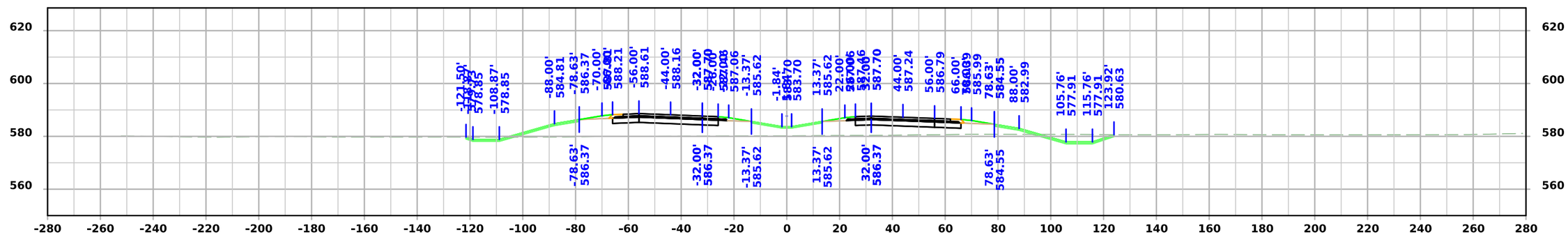
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.101

1:25:46 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

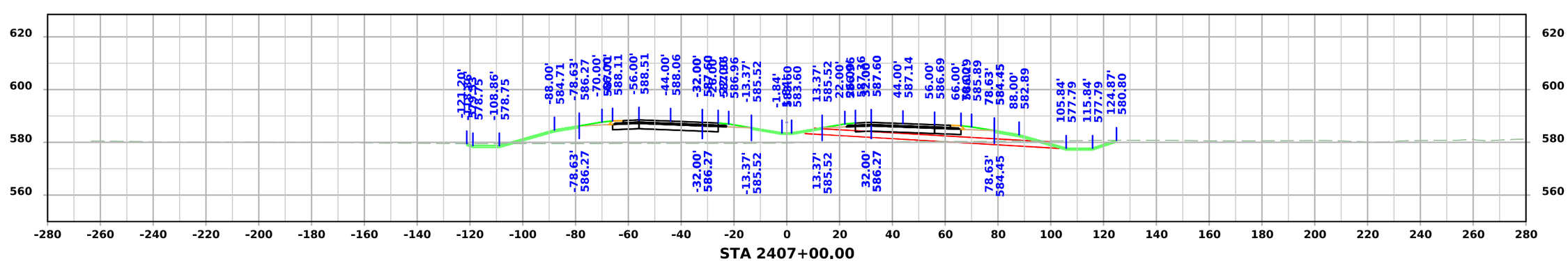
US 61



STA 2409+00.00



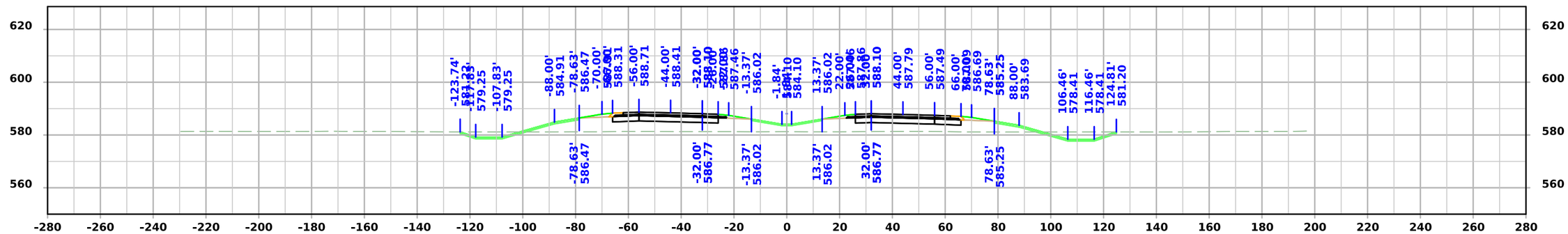
STA 2408+00.00



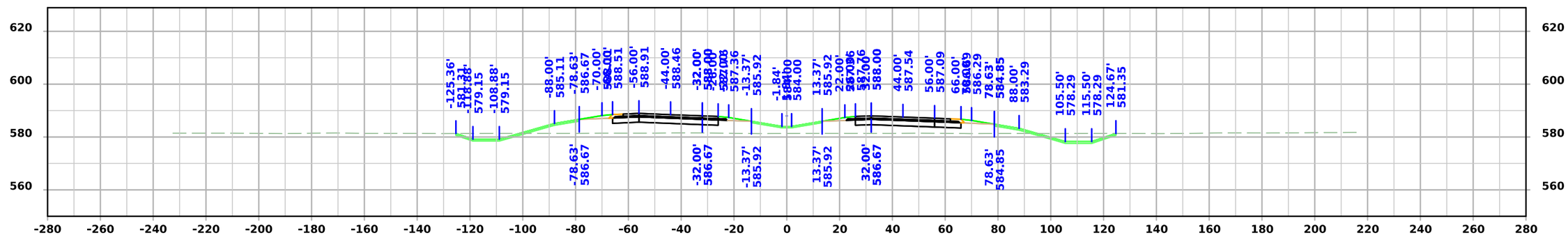
STA 2407+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.102

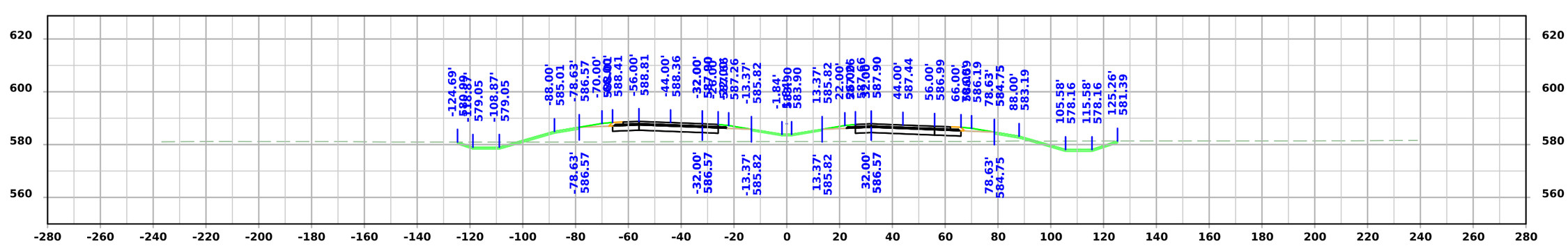
US 61



STA 2412+00.00



STA 2411+00.00

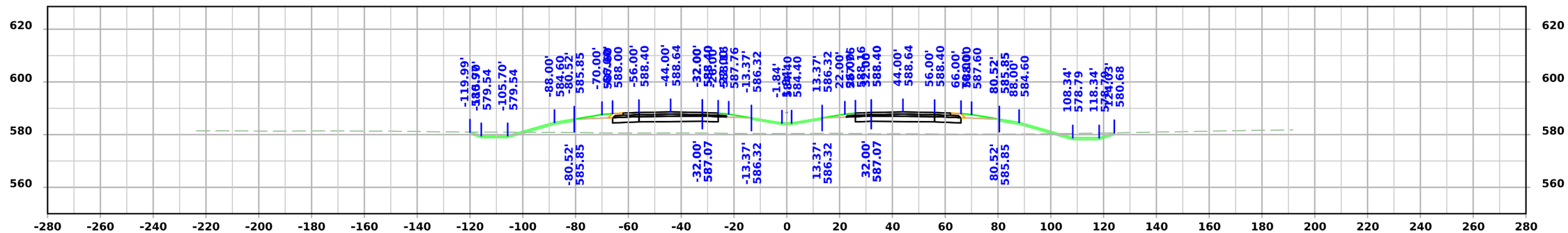


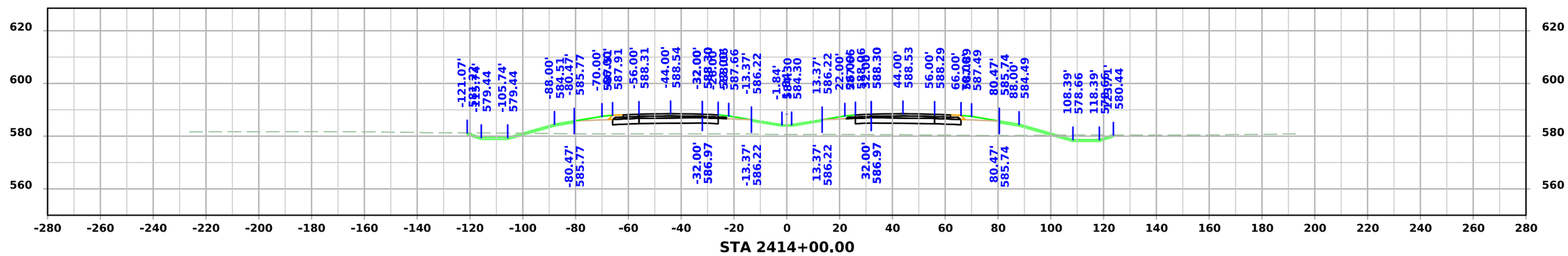
STA 2410+00.00

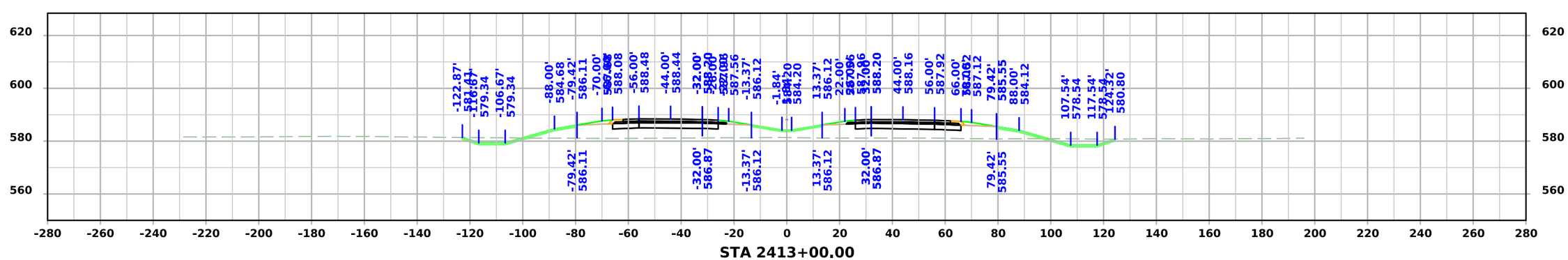
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.103

1:26:00 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61

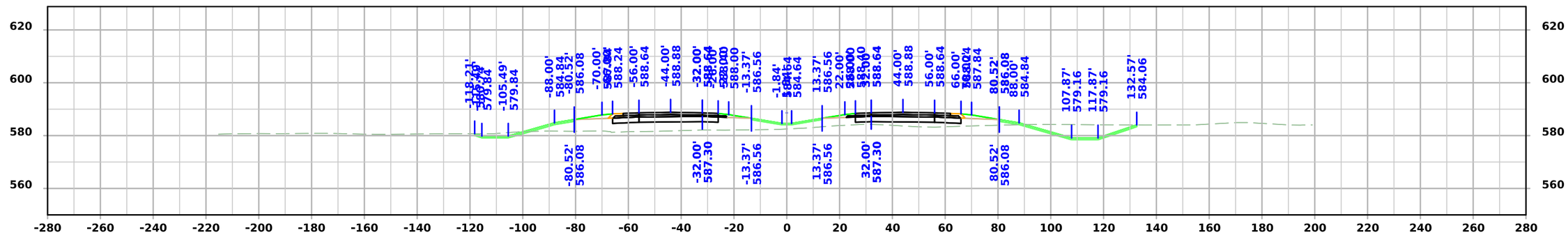




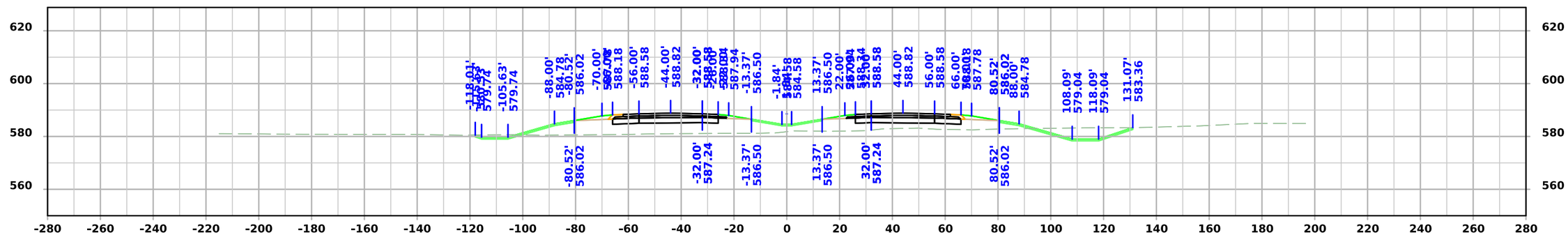


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.104

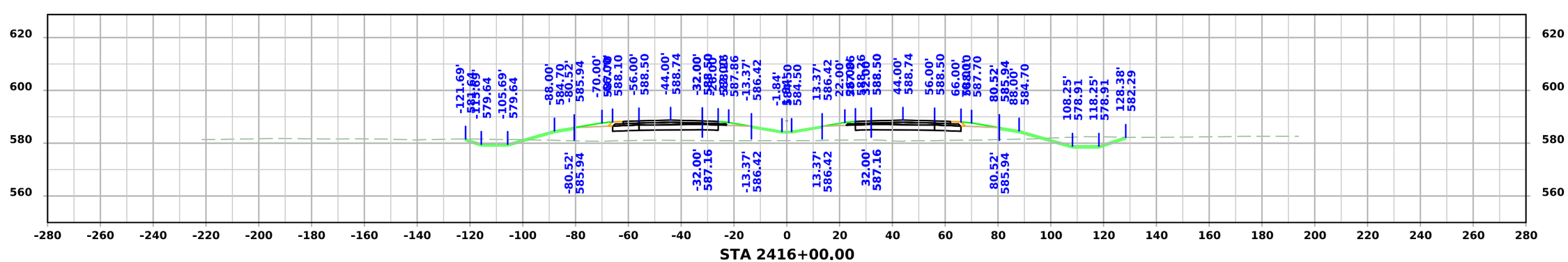
US 61



STA 2418+00.00



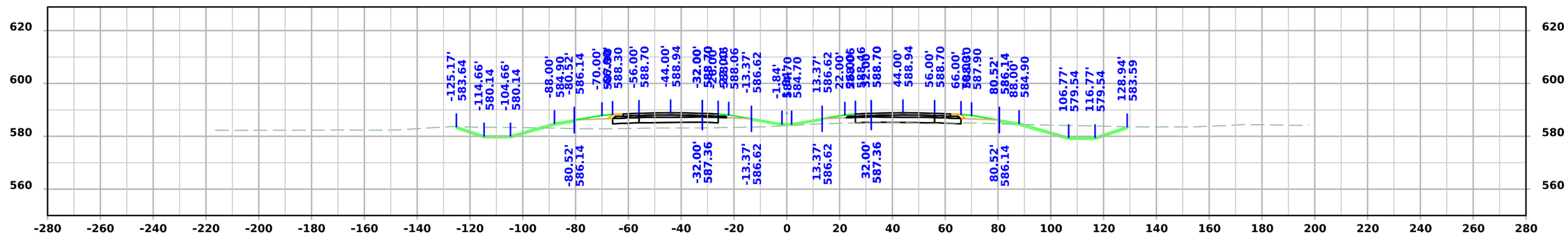
STA 2417+00.00



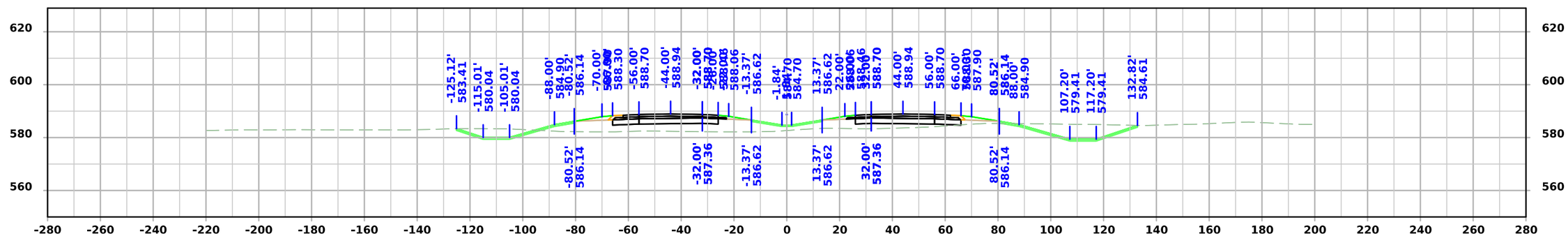
STA 2416+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.105

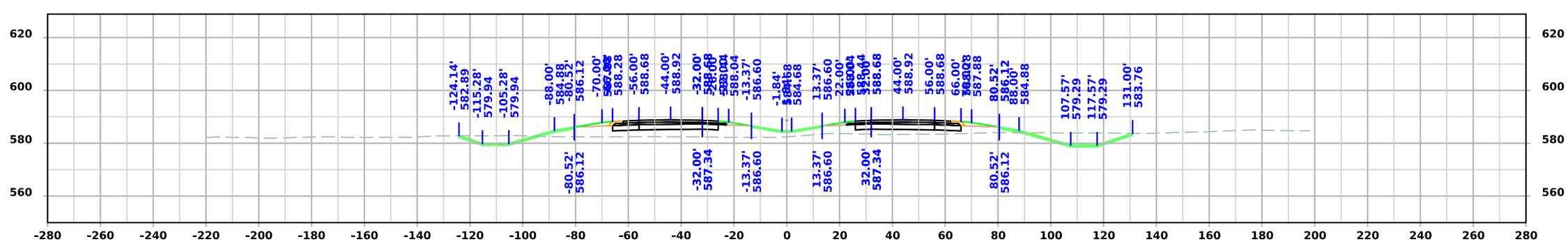
US 61



STA 2421+00.00



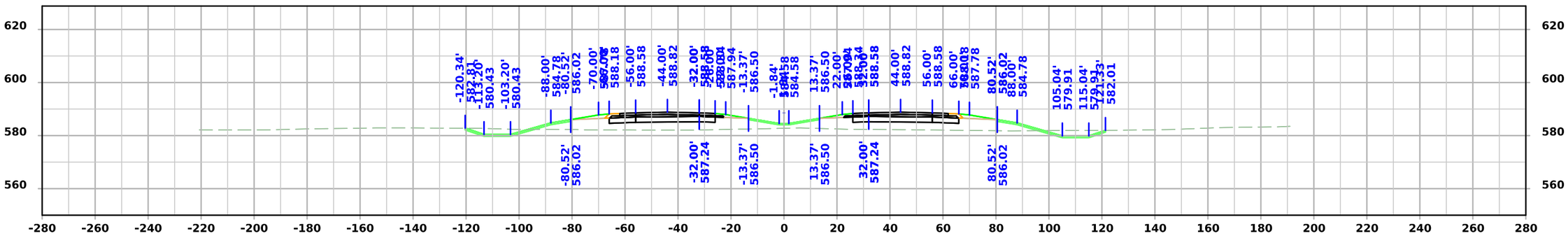
STA 2420+00.00



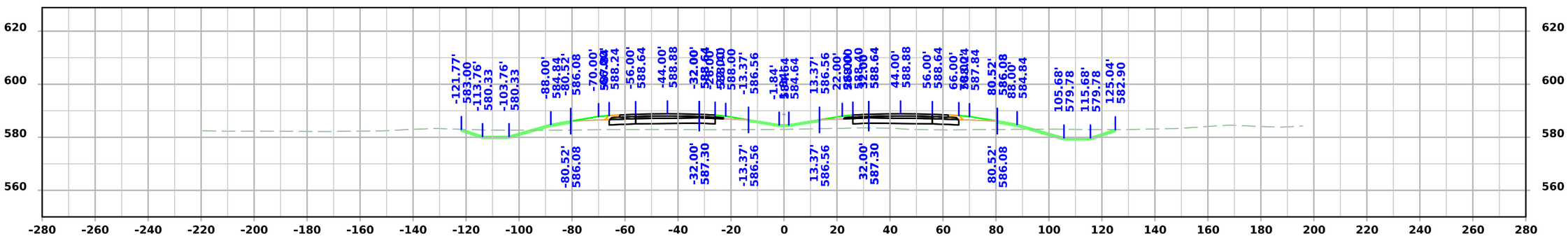
STA 2419+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.106

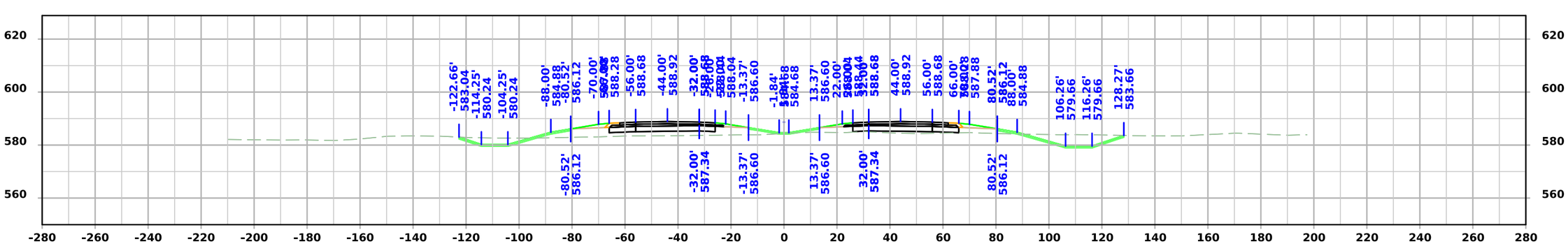
US 61



STA 2424+00.00



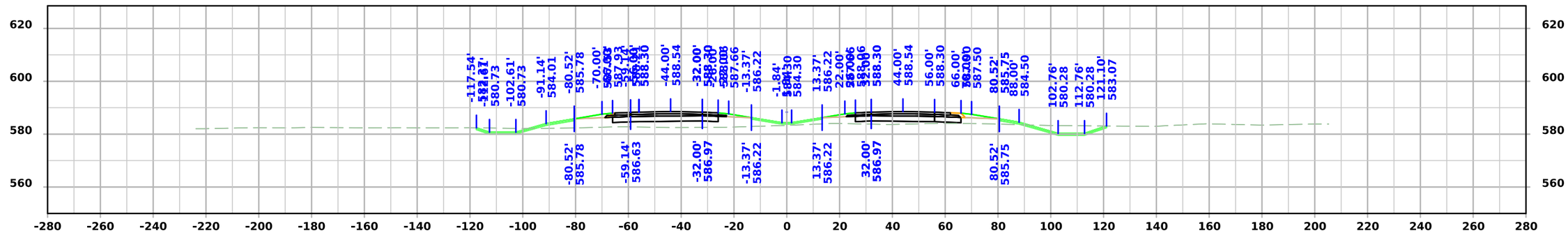
STA 2423+00.00



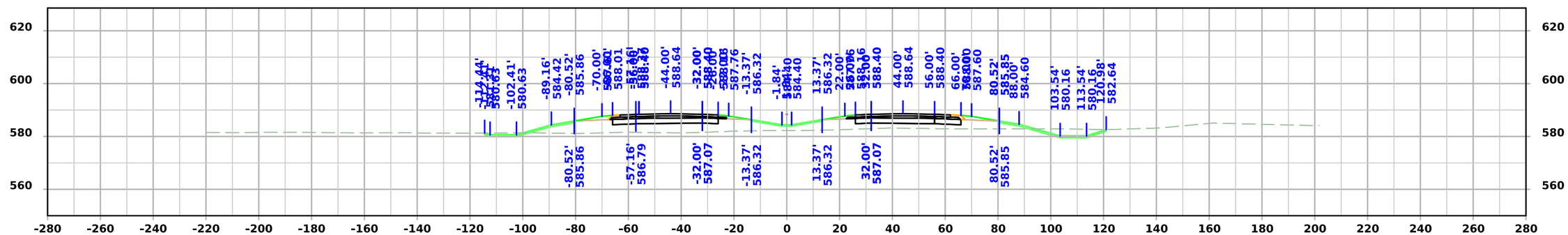
STA 2422+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.107

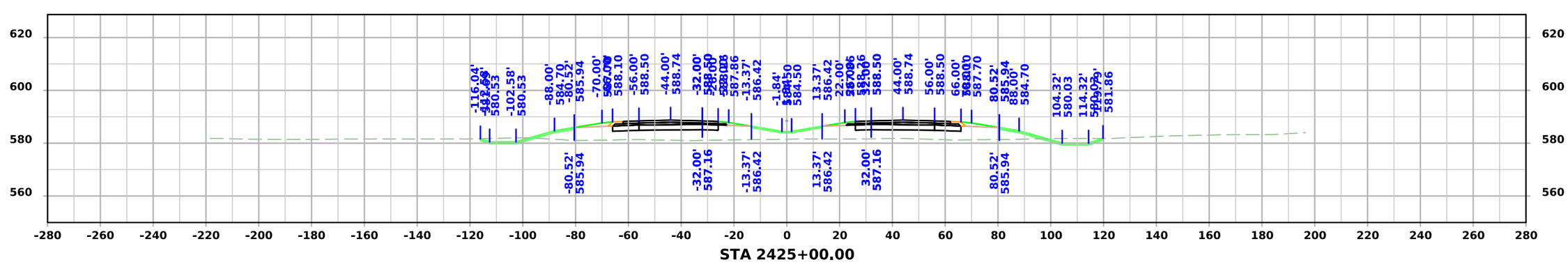
US 61



STA 2427+00.00



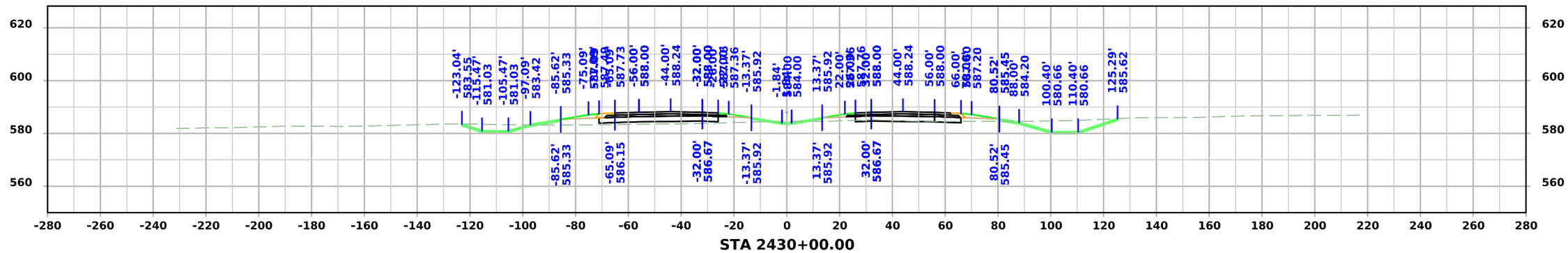
STA 2426+00.00



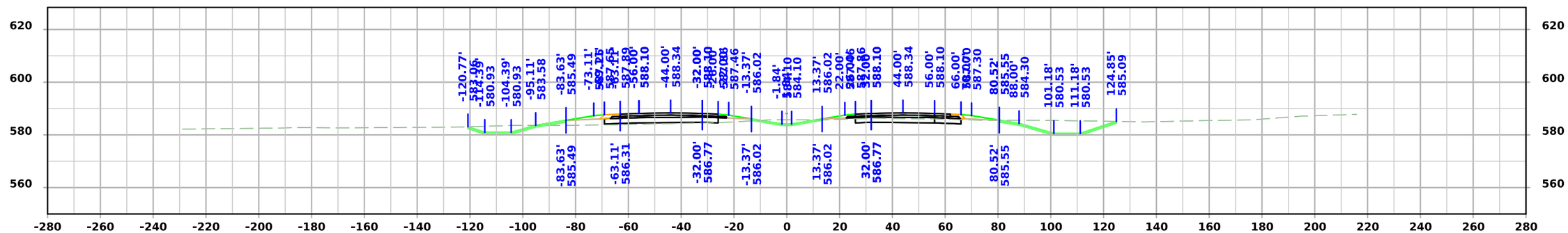
STA 2425+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.108

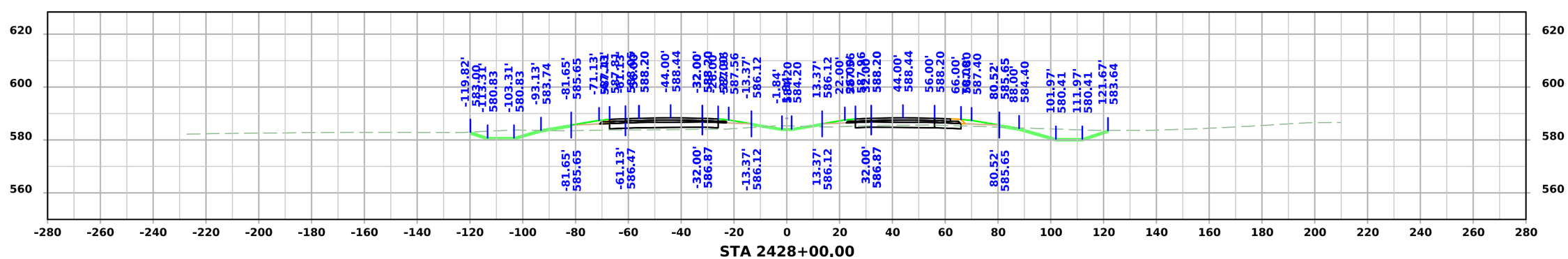
US 61



STA 2430+00.00



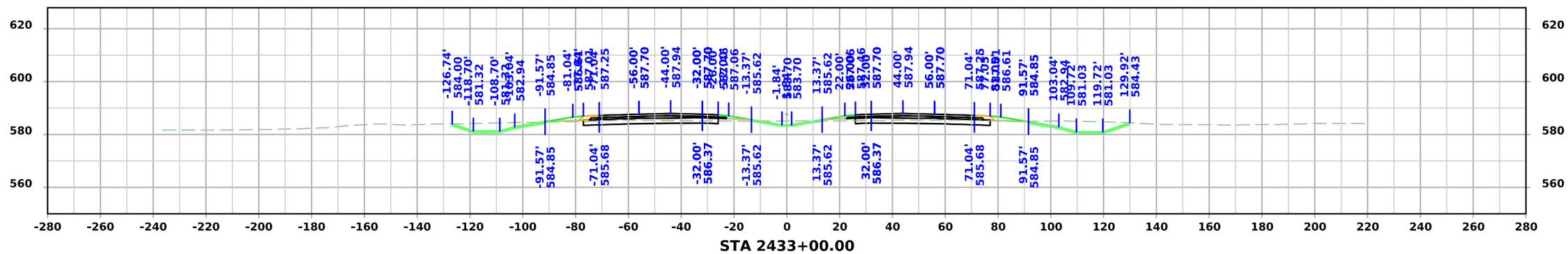
STA 2429+00.00



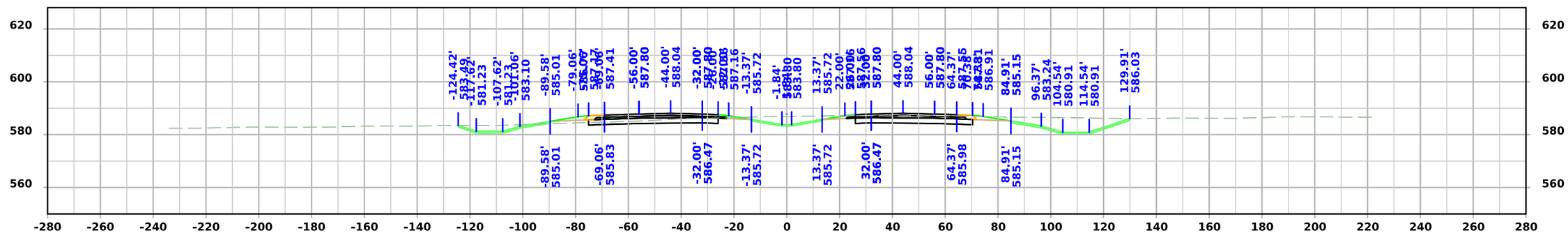
STA 2428+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.109

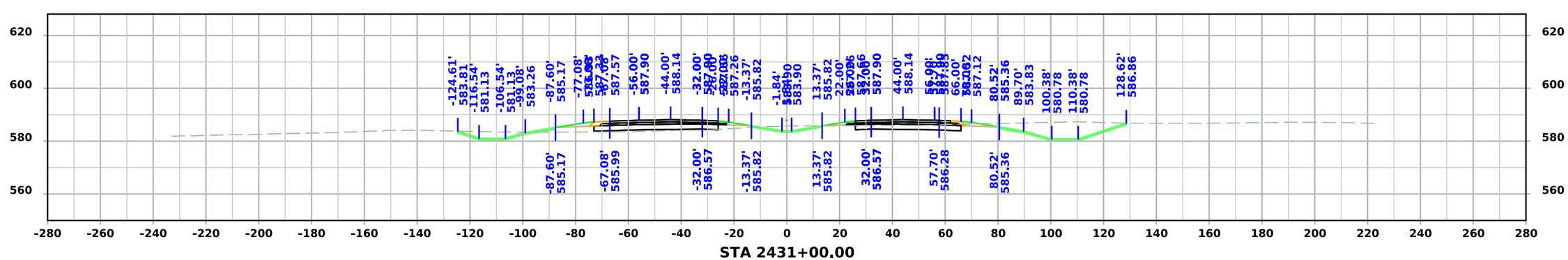
US 61



STA 2433+00.00



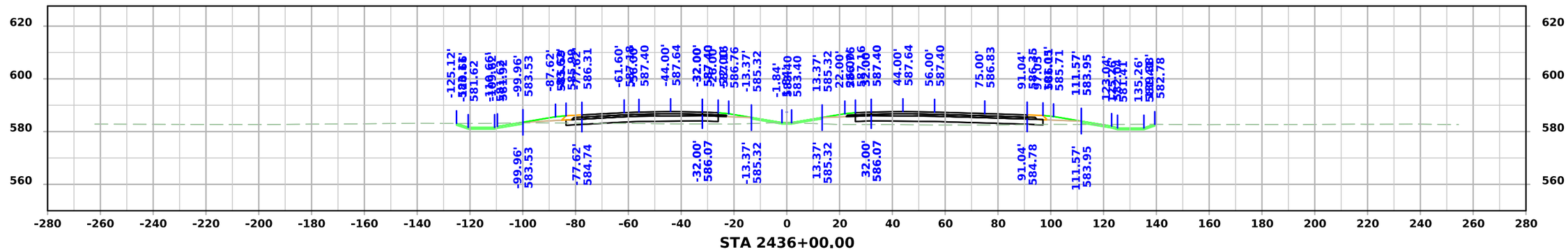
STA 2432+00.00

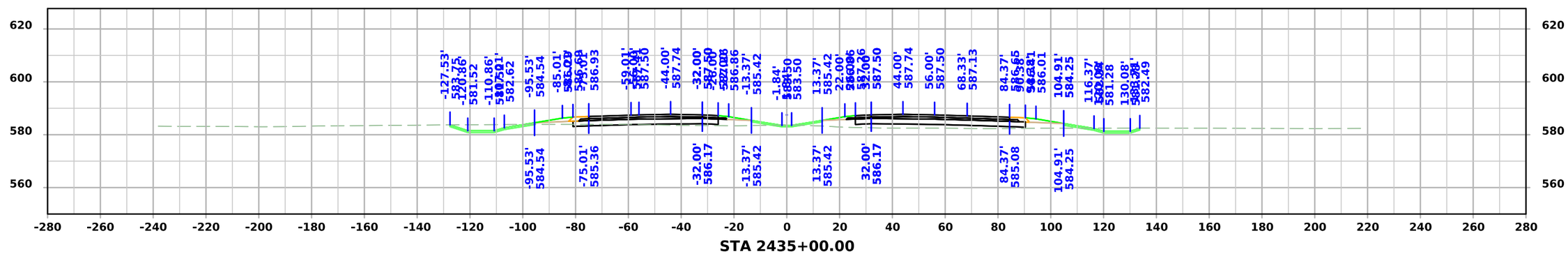


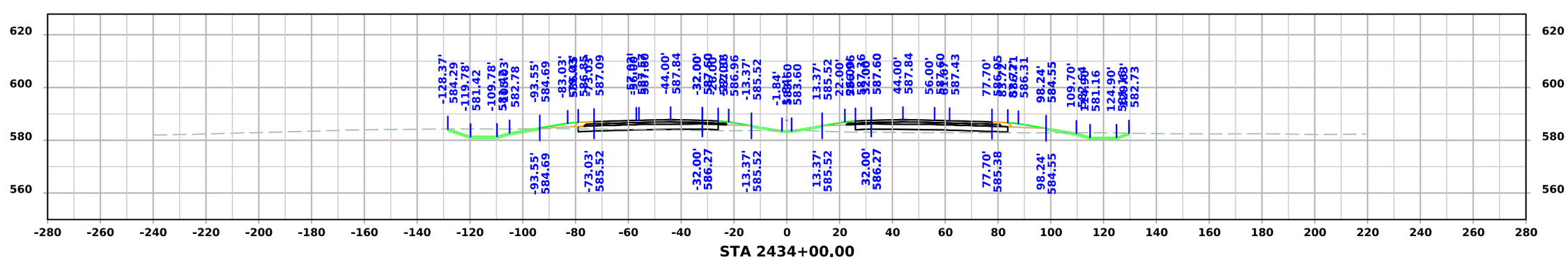
STA 2431+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.110

US 61



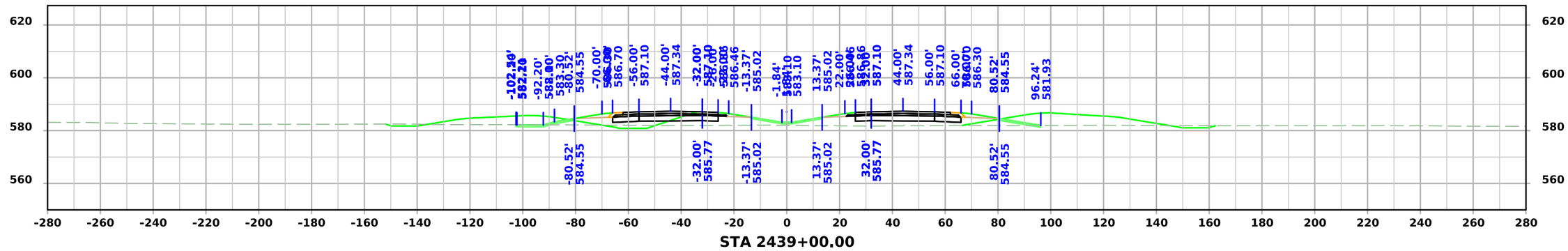


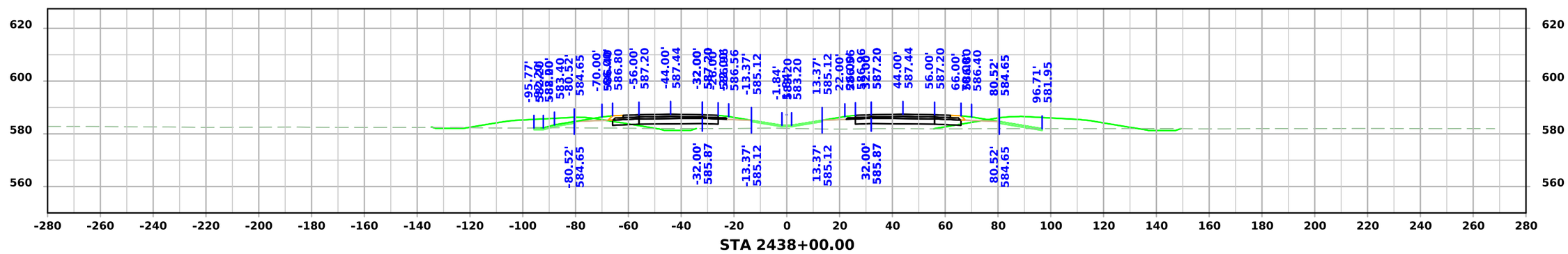


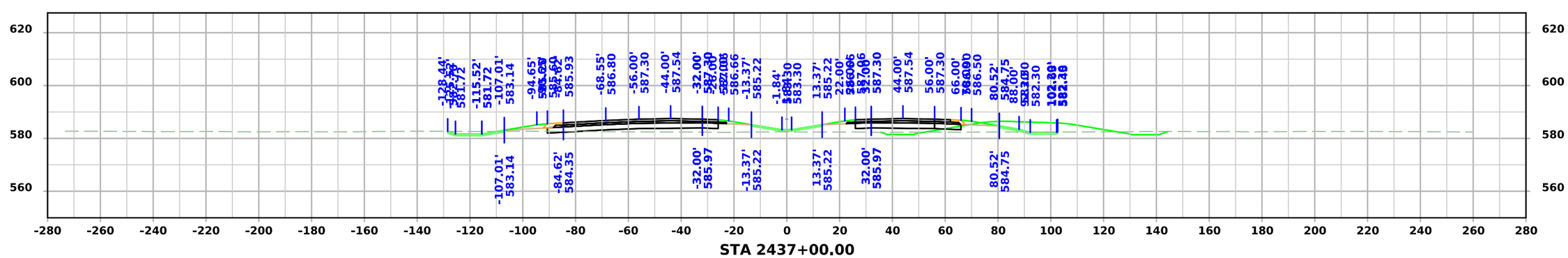
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.111

1:26:45 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61



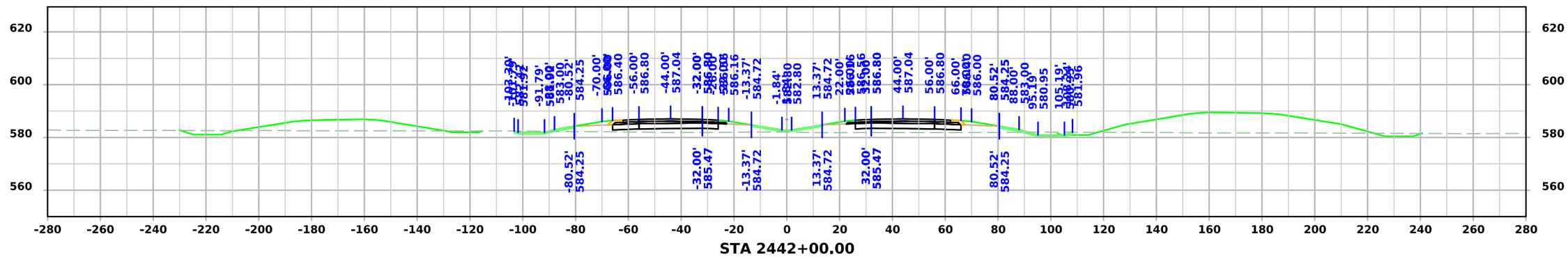


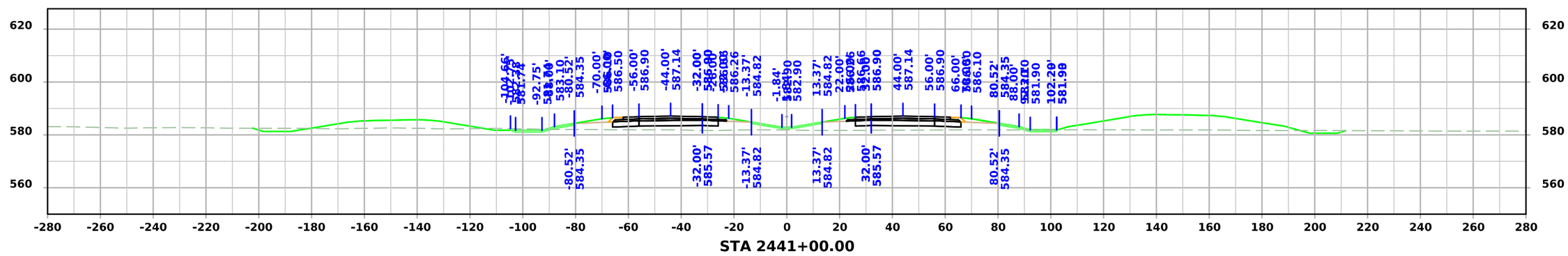


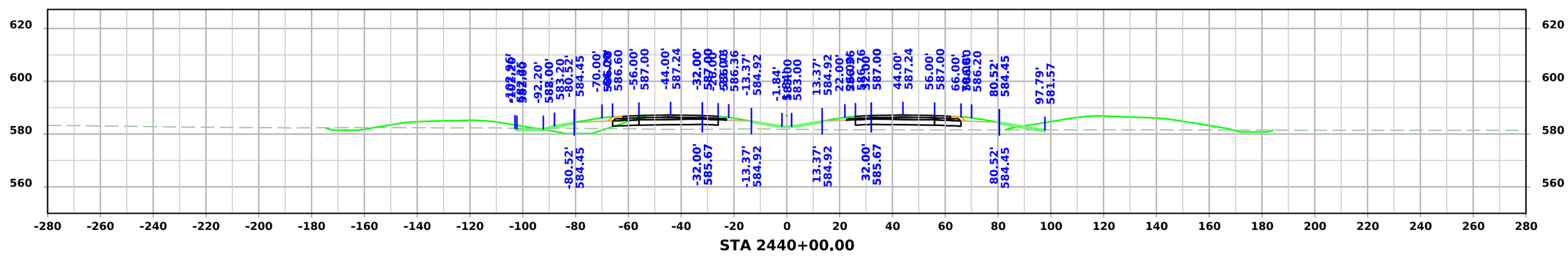
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.112

1:26:50 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61



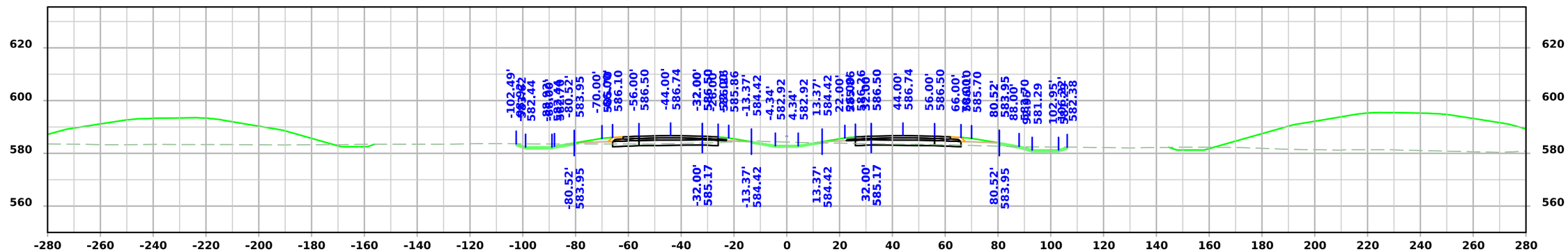




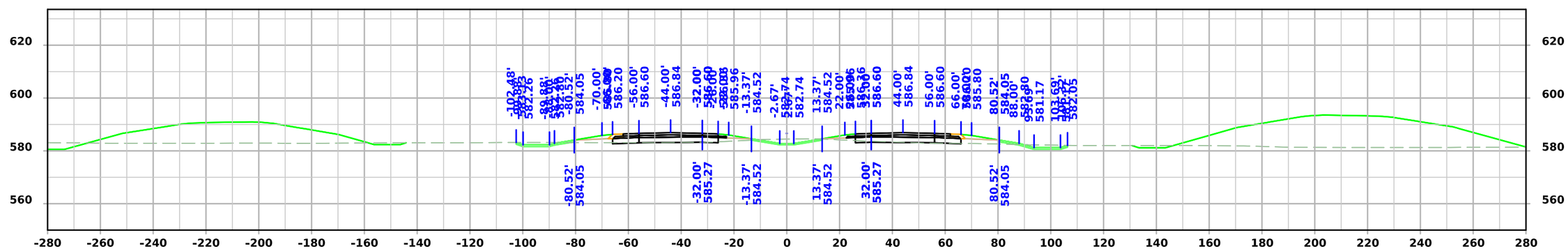
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.113

1:26:56 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

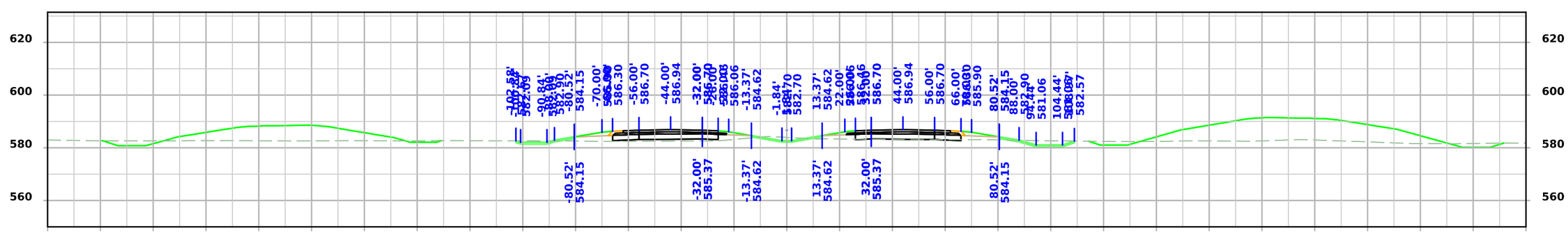
US 61



STA 2445+00.00



STA 2444+00.00

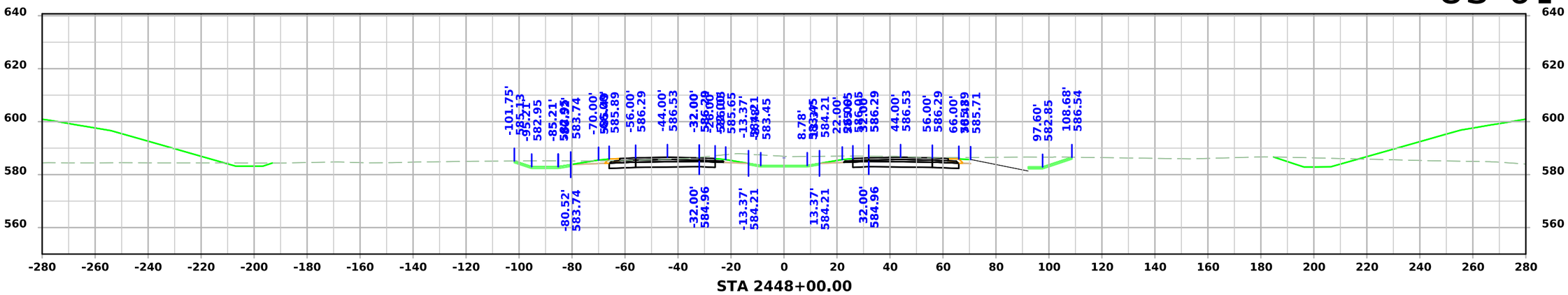


STA 2443+00.00

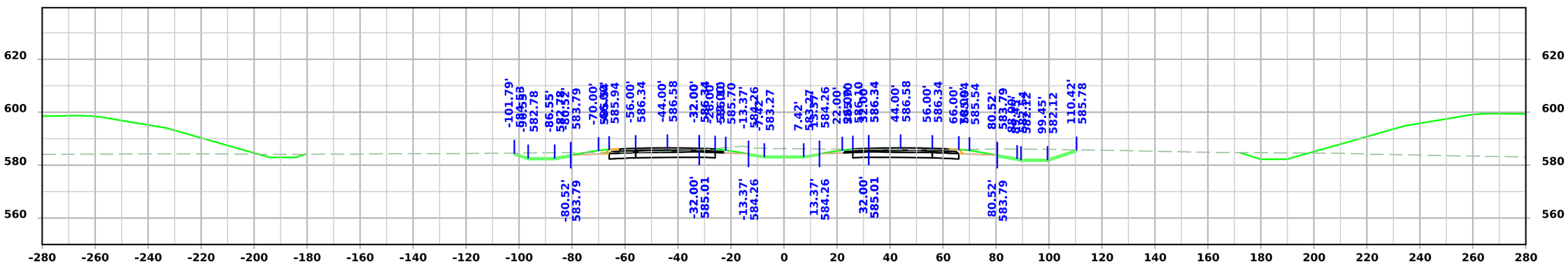
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.114

1:27:01 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

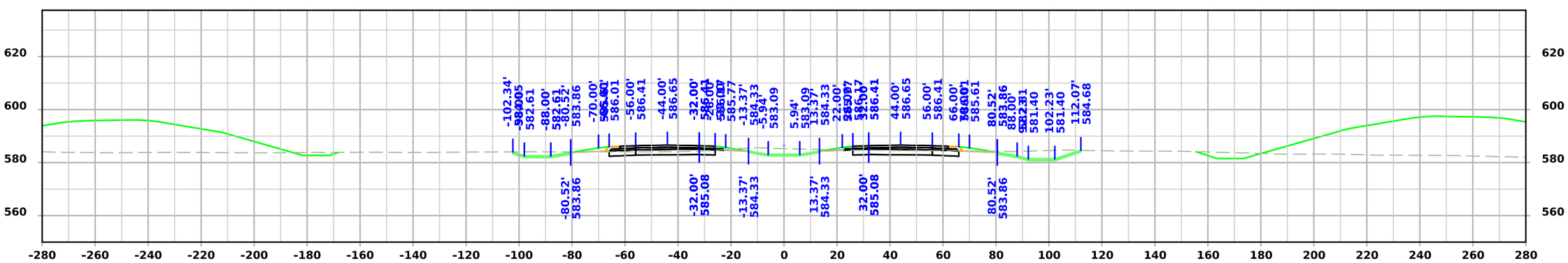
US 61



STA 2448+00.00



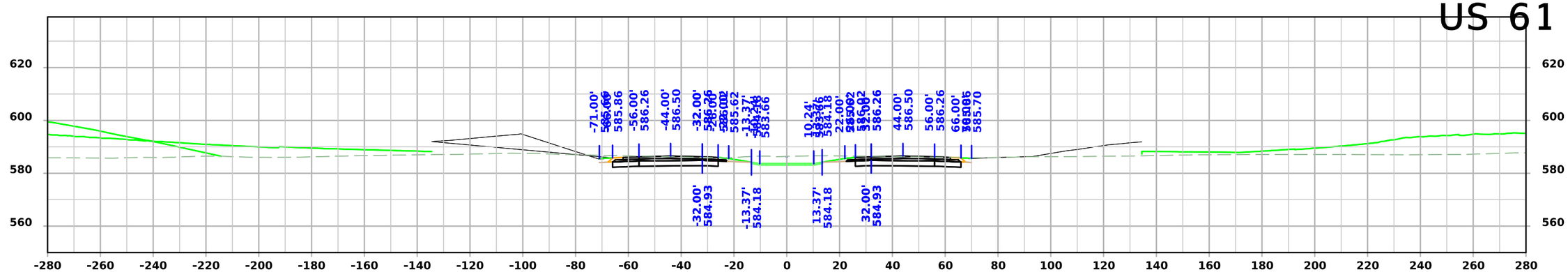
STA 2447+00.00



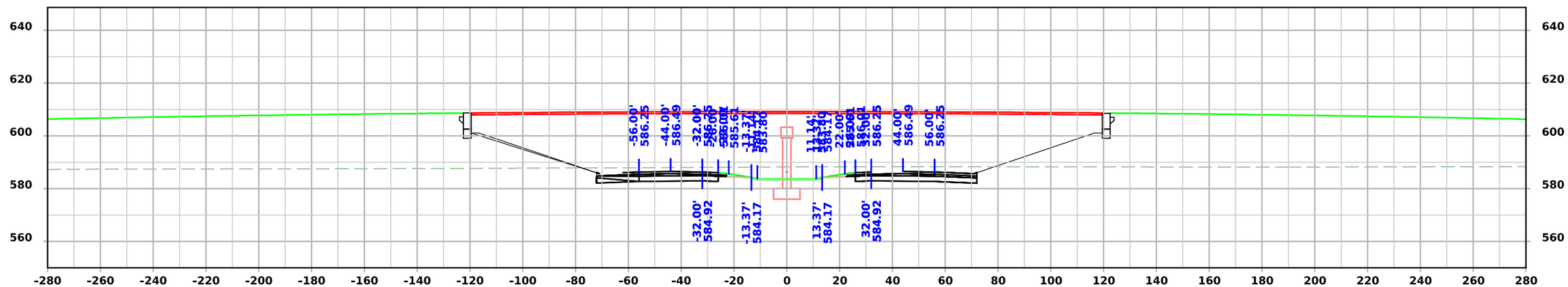
STA 2446+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.115

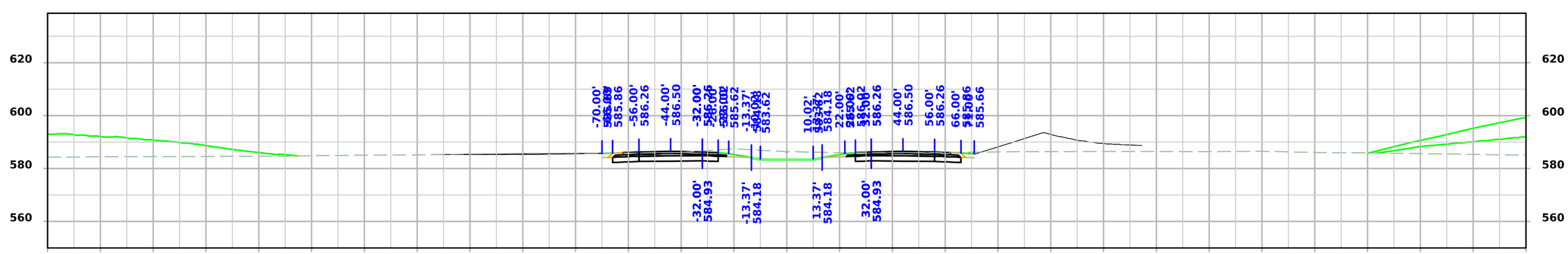
US 61



STA 2451+00.00



STA 2450+00.00

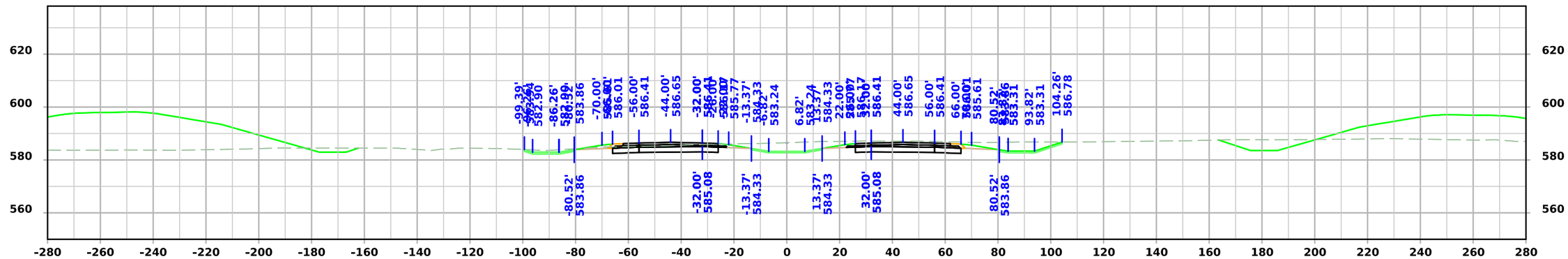


STA 2449+00.00

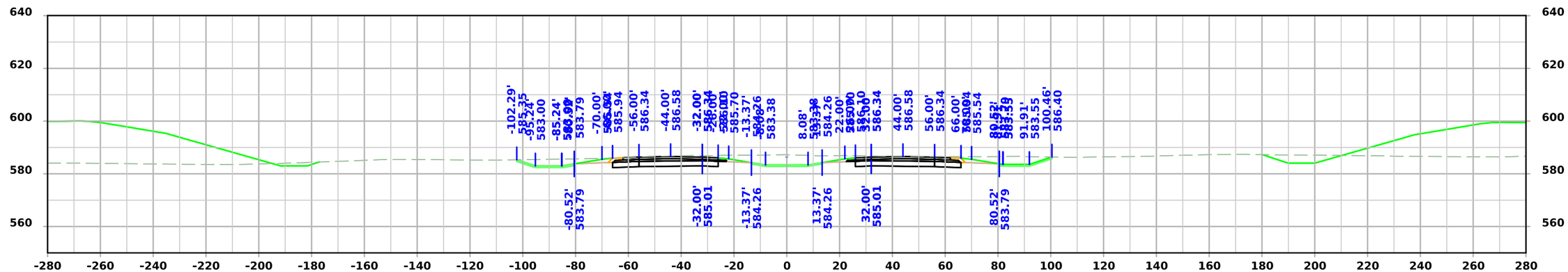
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.116

1:27:13 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

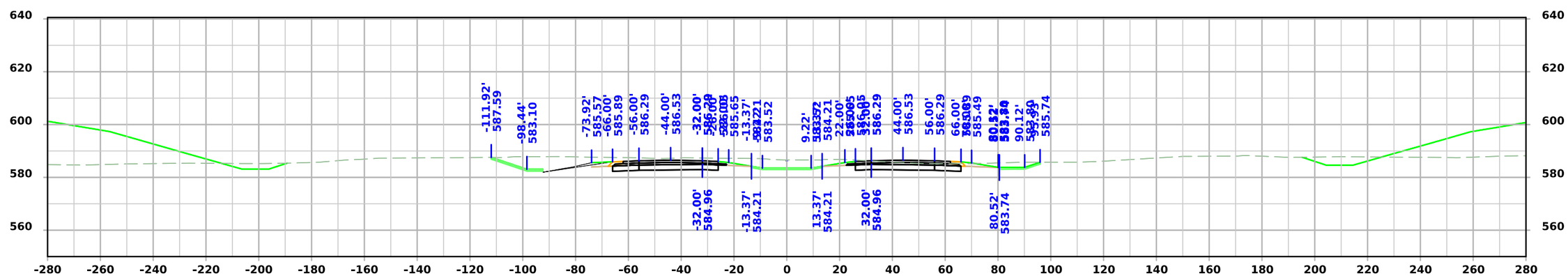
US 61



STA 2454+00.00



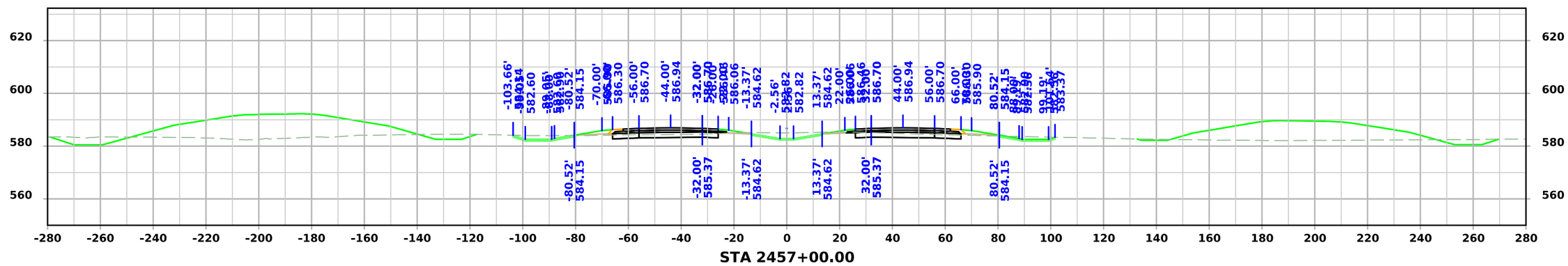
STA 2453+00.00

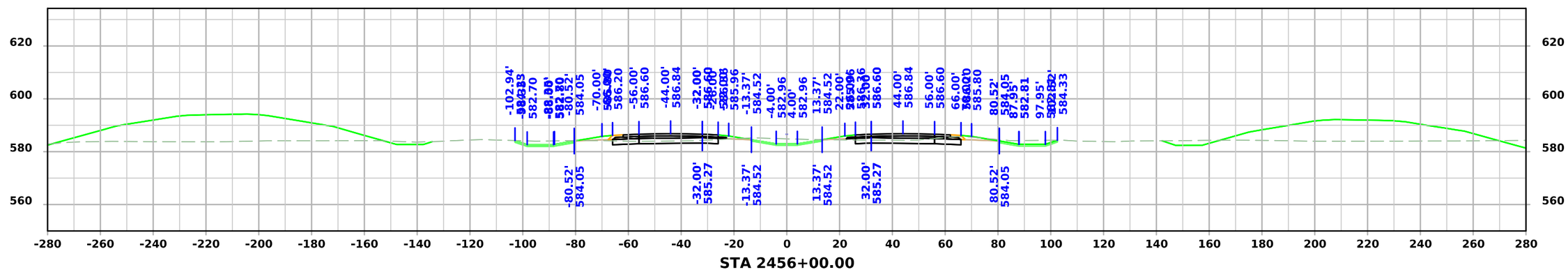


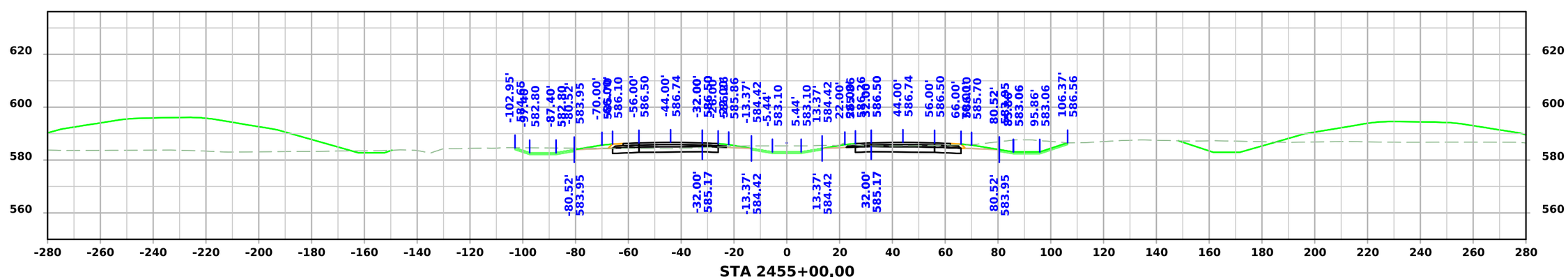
STA 2452+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.117

US 61

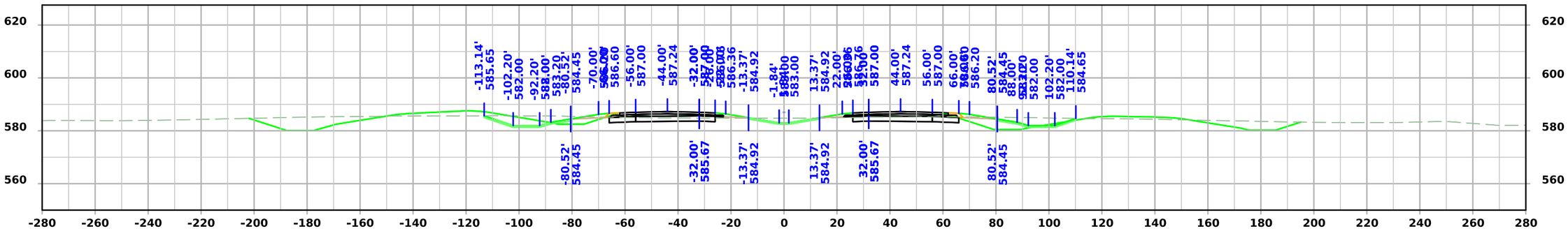


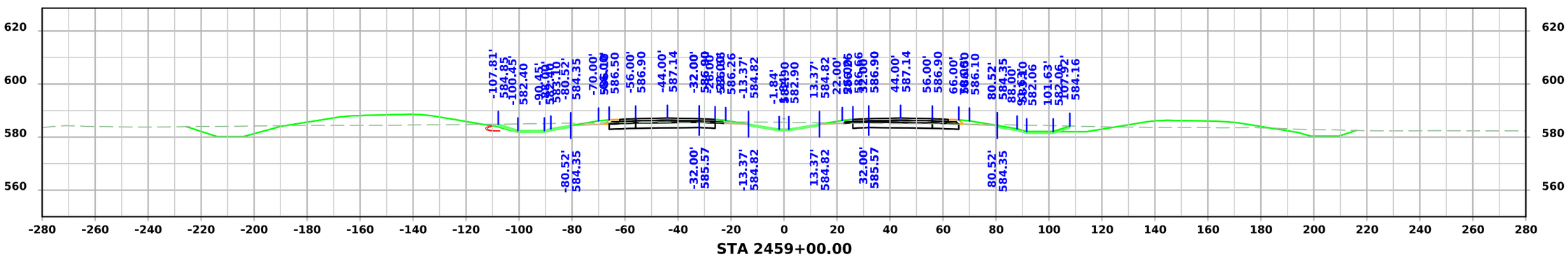


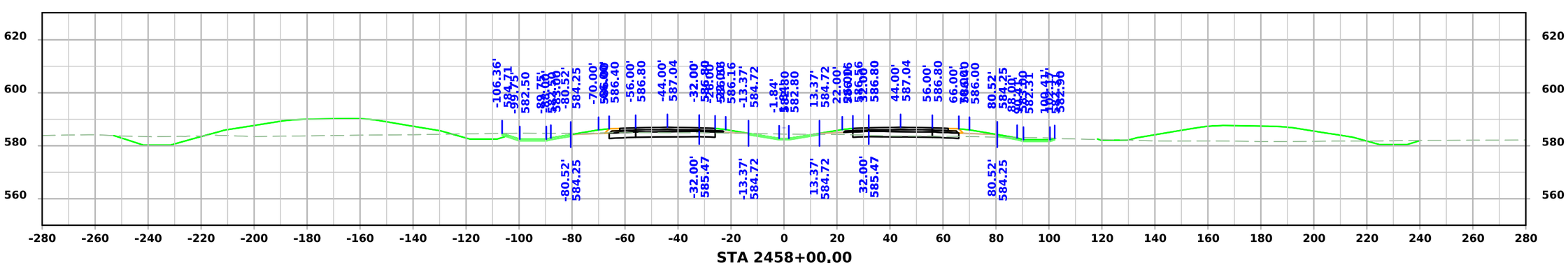


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.118

US 61



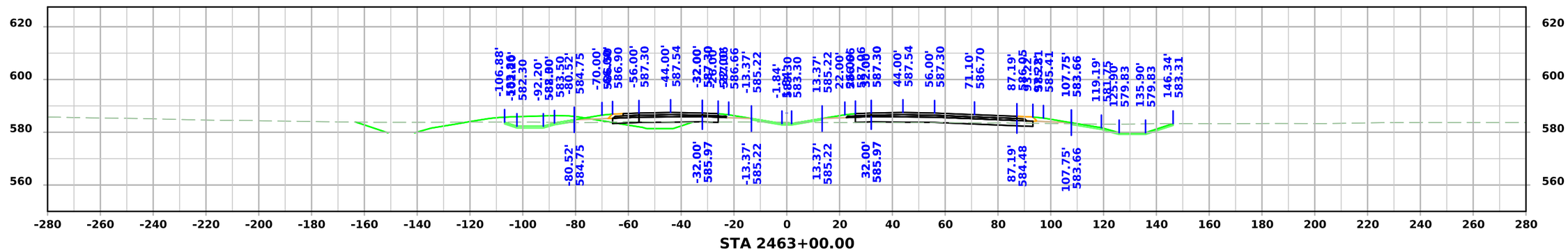


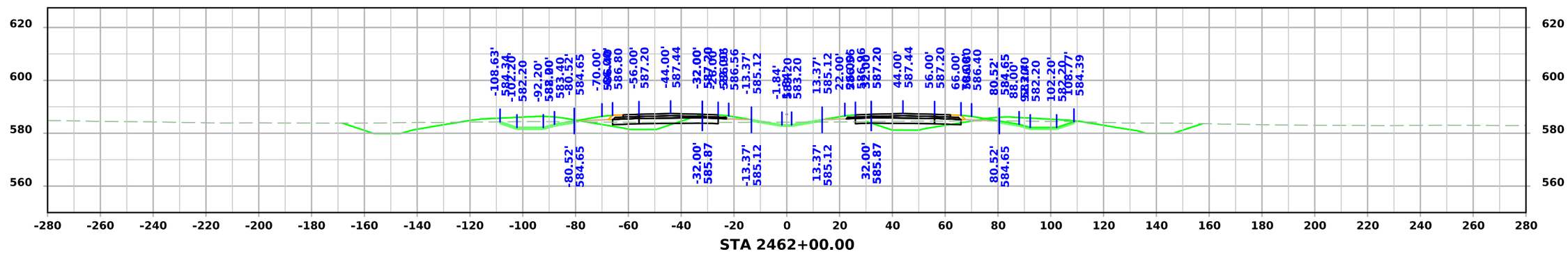


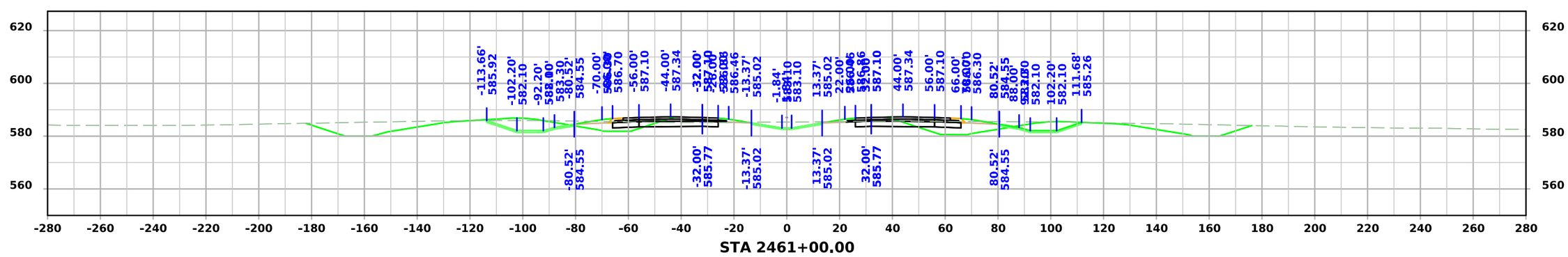
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.119

1:27:25 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61

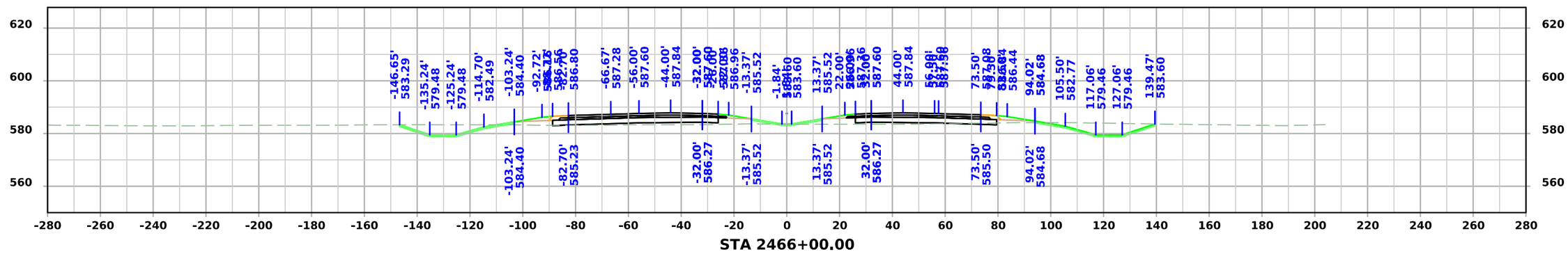


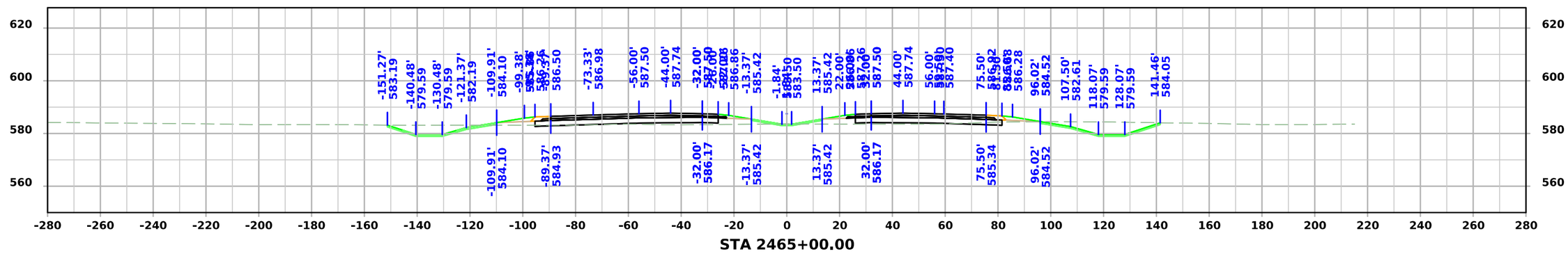


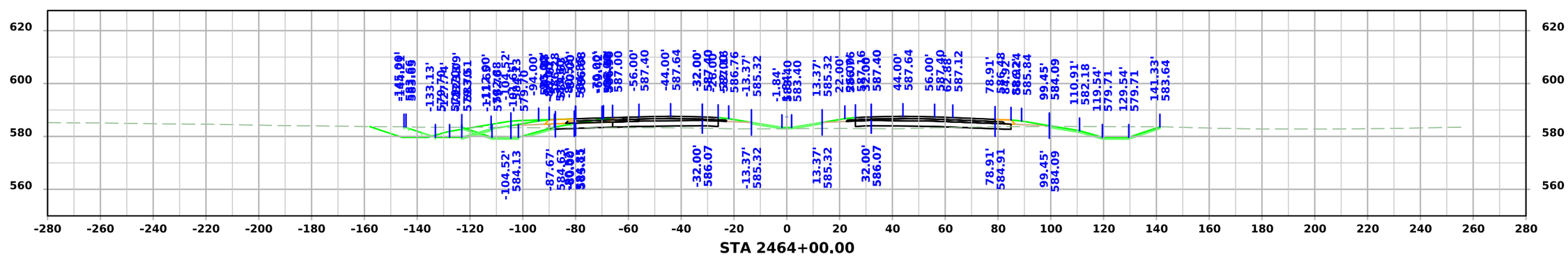


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.120

US 61

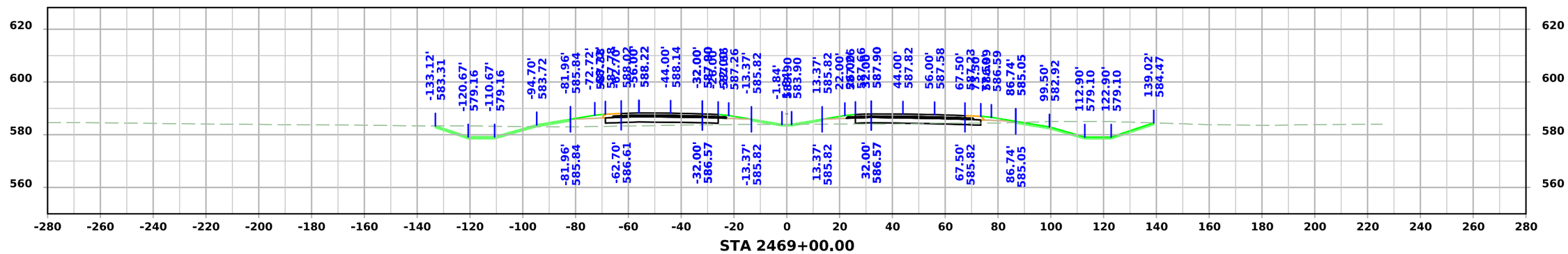




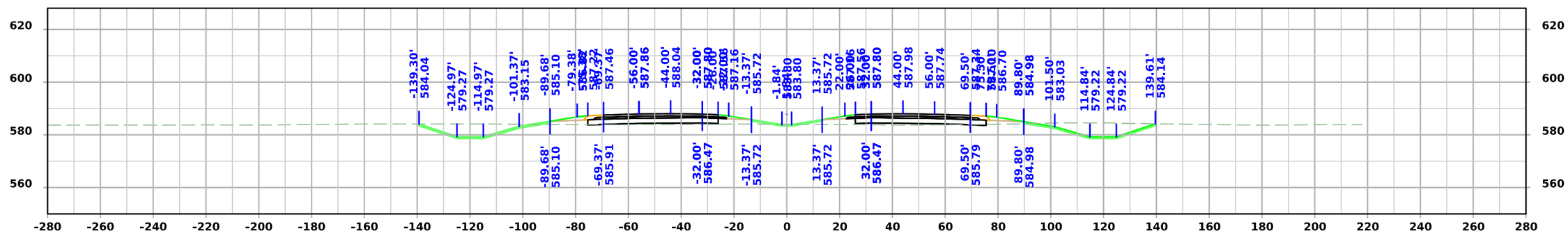


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.121

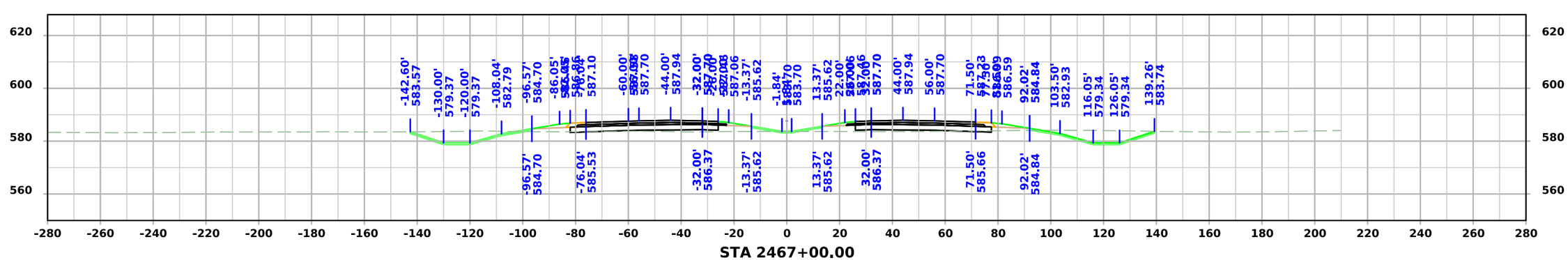
US 61



STA 2469+00.00



STA 2468+00.00

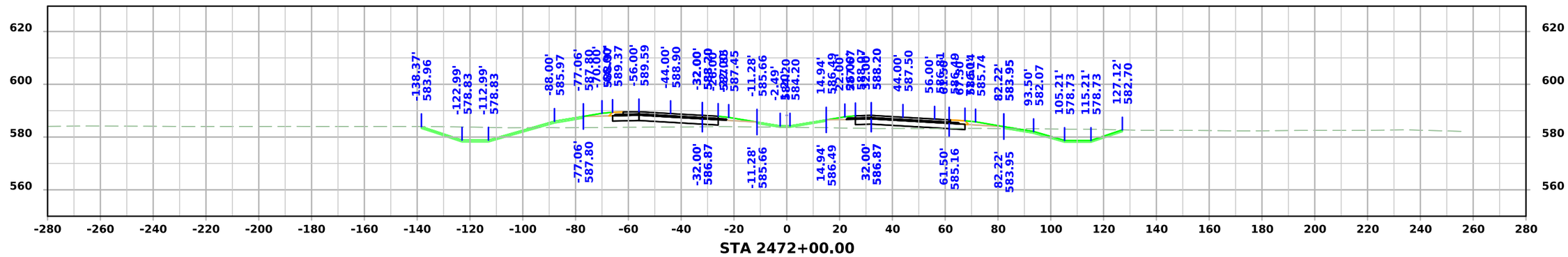


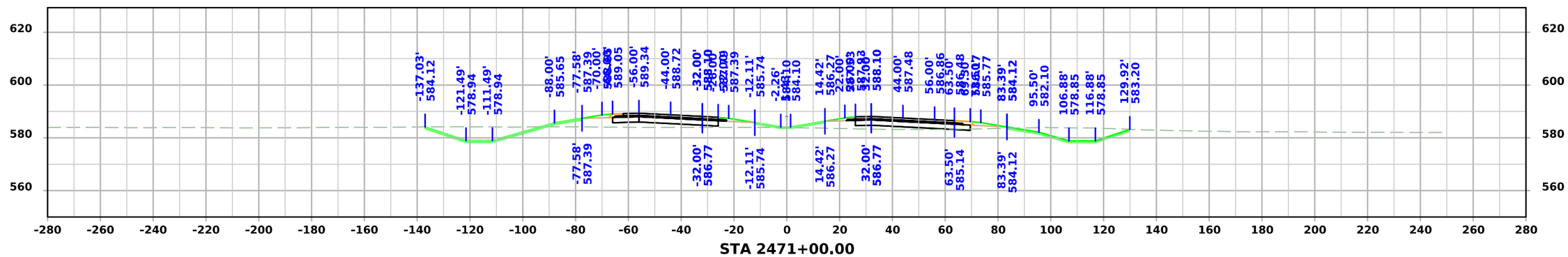
STA 2467+00.00

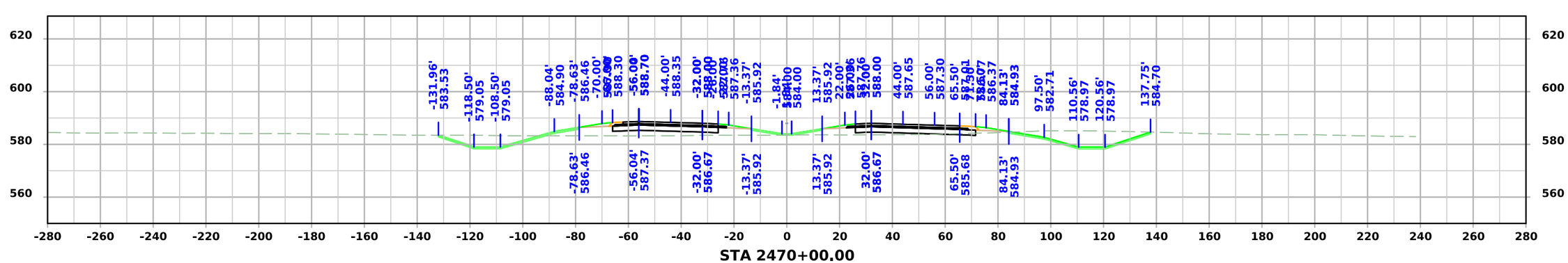
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.122

1:27:38 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

US 61



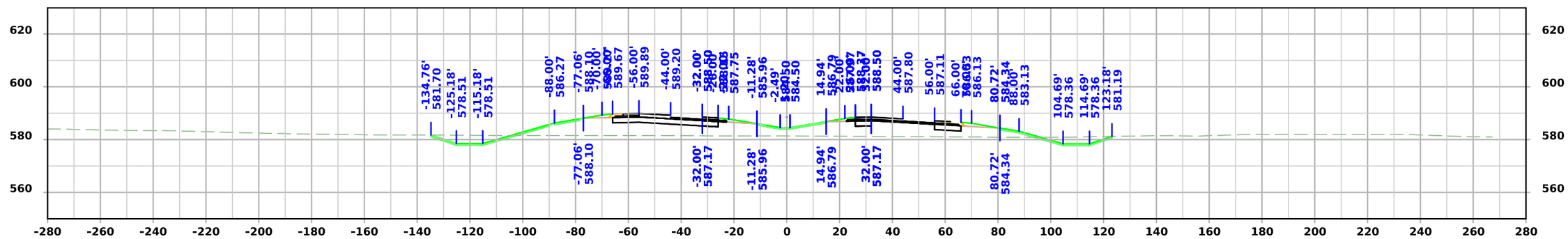




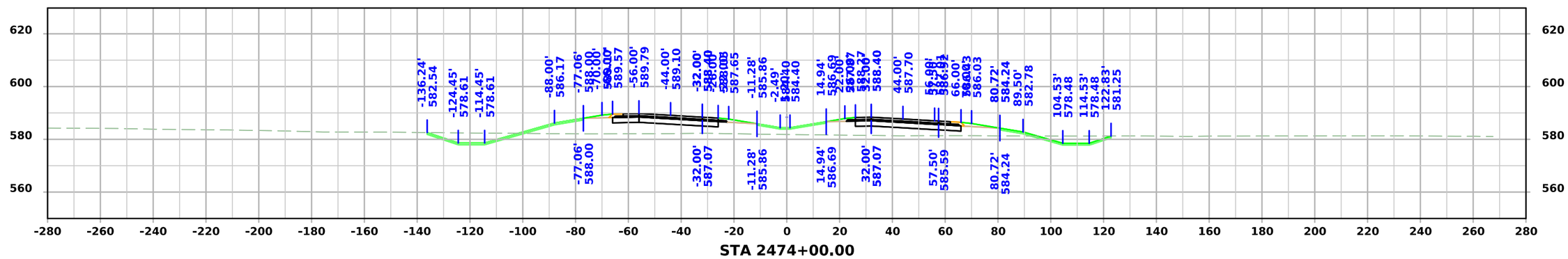
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.123

1:27:42 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_W060_ML061_58061061Z14

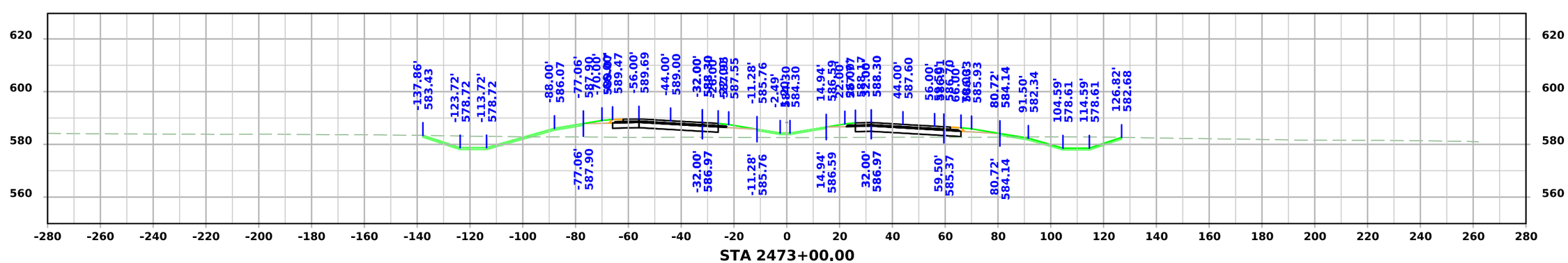
US 61



STA 2475+00.00



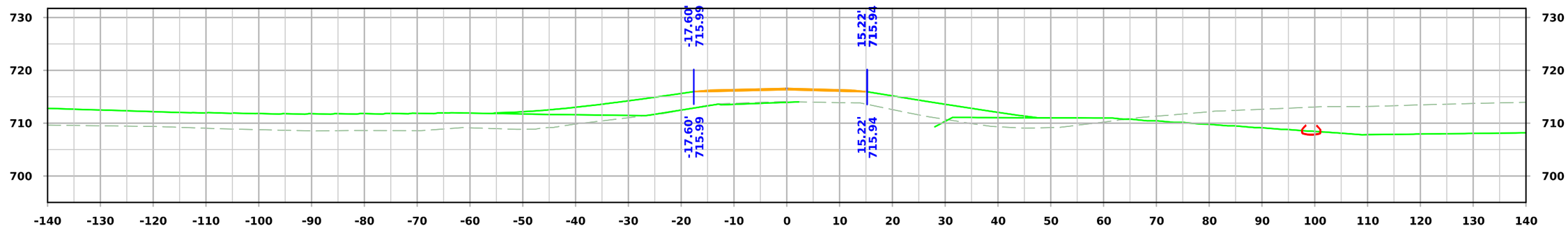
STA 2474+00.00



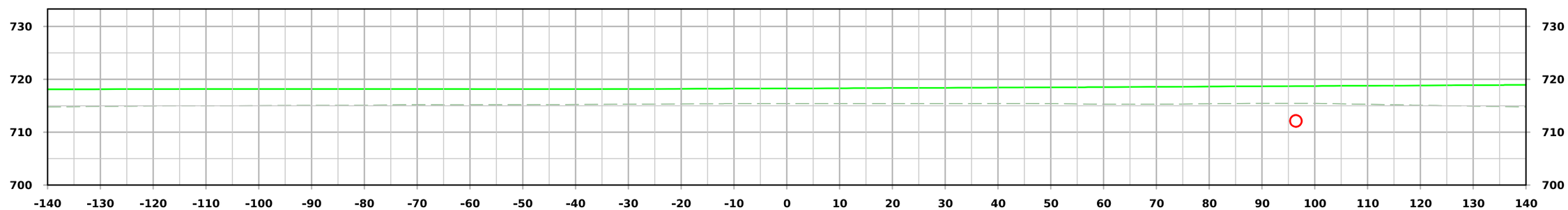
STA 2473+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER W.124

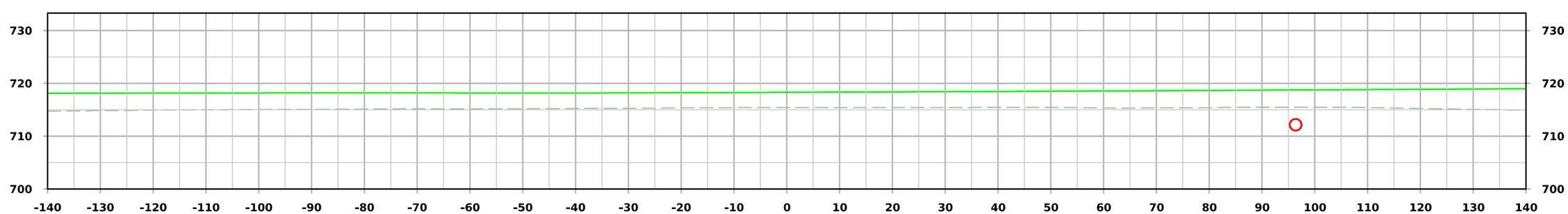
30th St



STA. 137+50.00



STA. 137+00.00

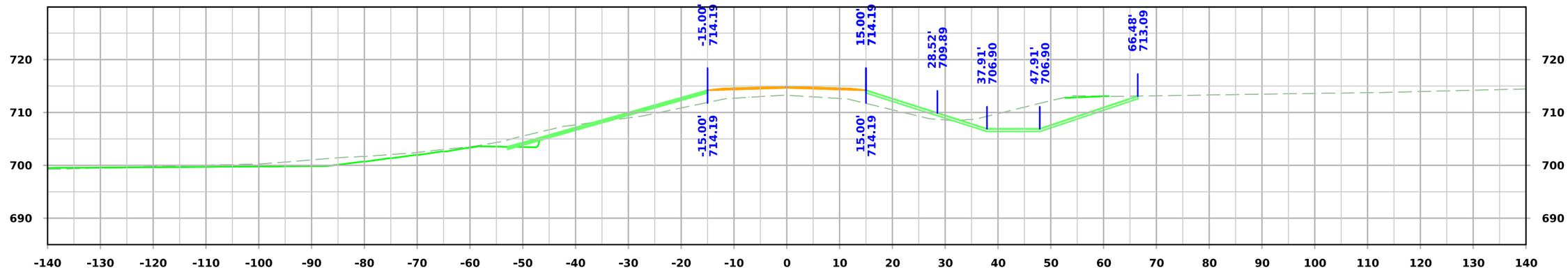


STA. 136+99.17

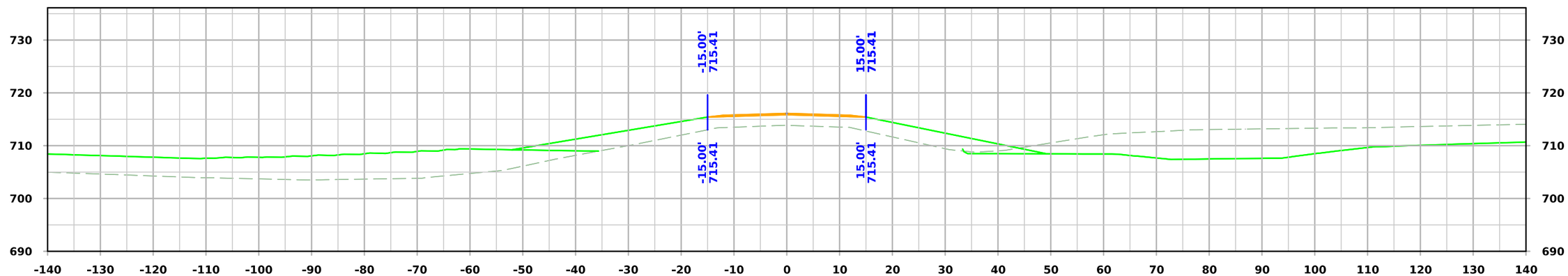
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.100

1:08:07 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0100_SR30_58061061Z14.dgn

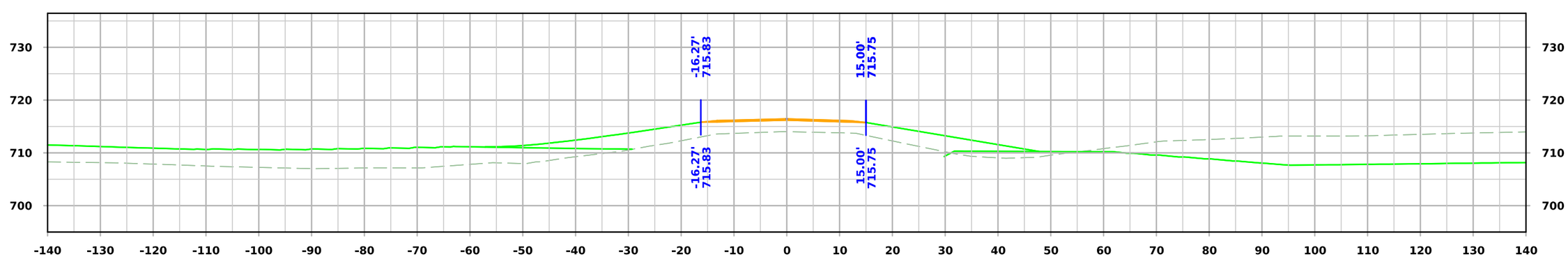
30th St



STA. 138+00.00



STA. 137+65.40

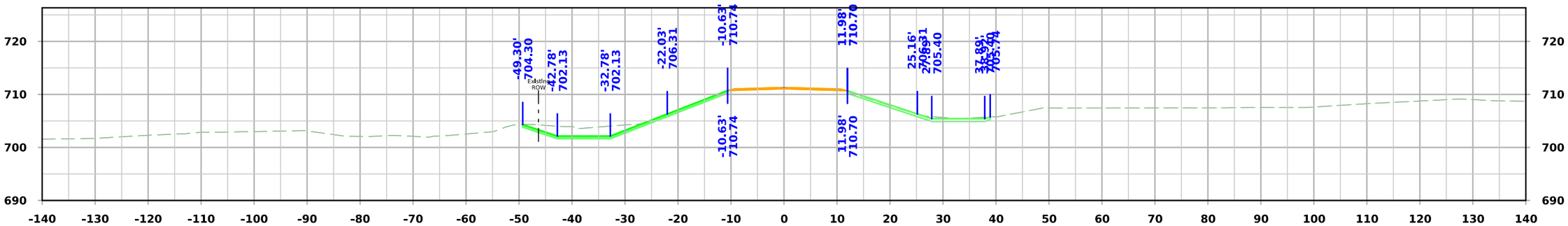


STA. 137+54.55

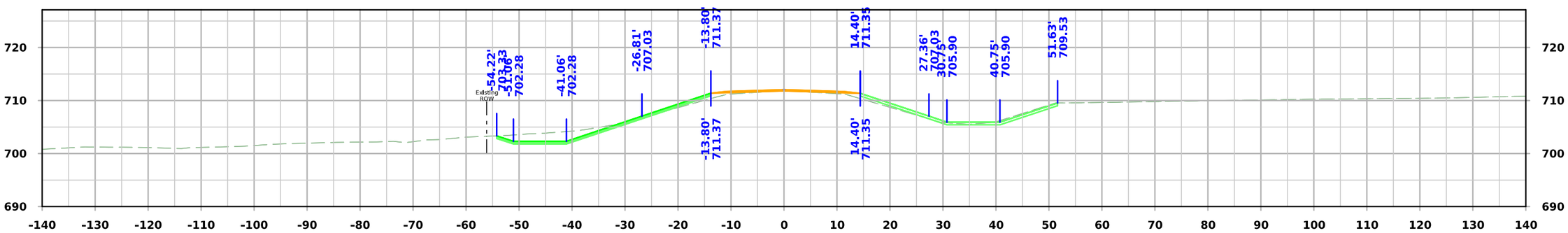
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.101

1:08:14 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0100_SR30_58061061Z14.dgn

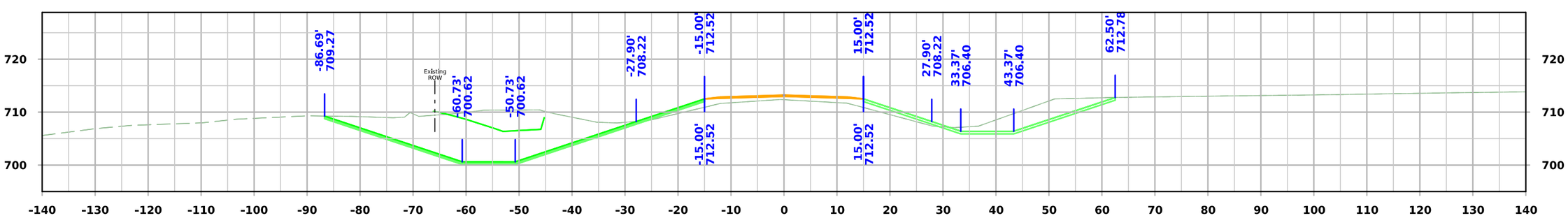
30th St



STA. 139+50.00



STA. 139+00.00

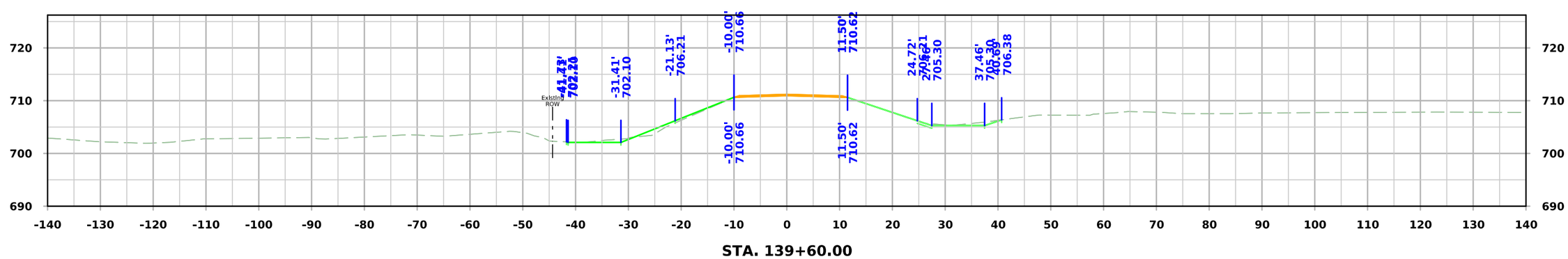


STA. 138+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.102

1:08:21 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0100_SR30_58061061Z14.dgn

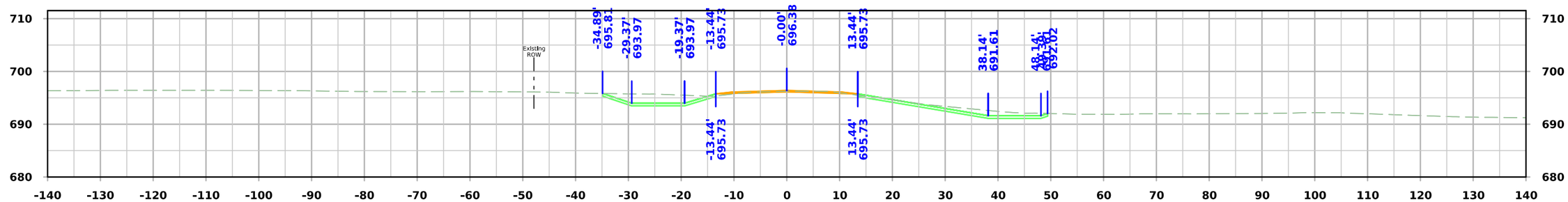
30th St



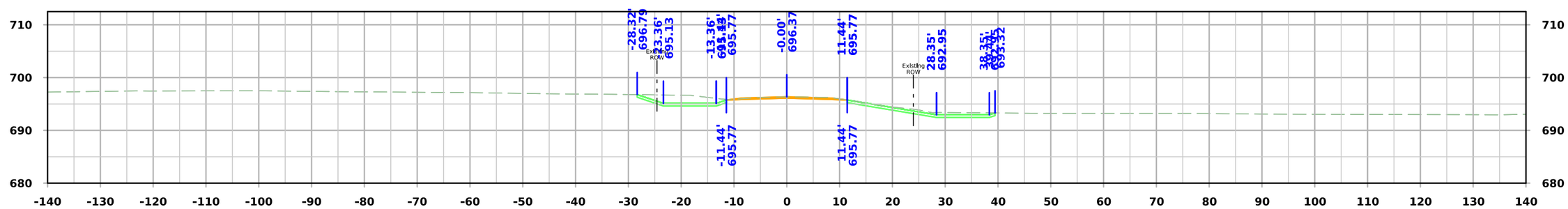
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.103

1:08:24 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0100_SR30_58061061Z14.dgn

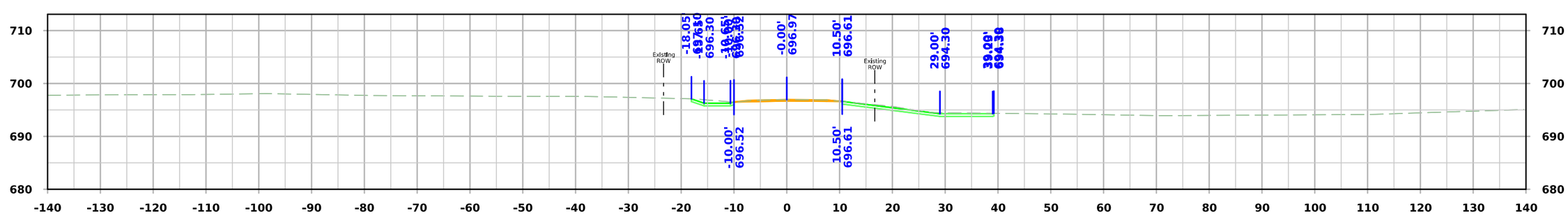
35th St



STA. 261+50.00



STA. 261+00.00

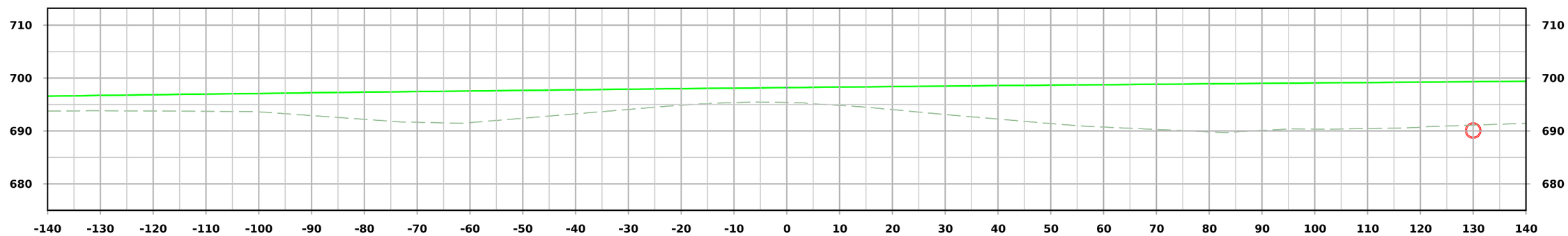


STA. 260+50.00

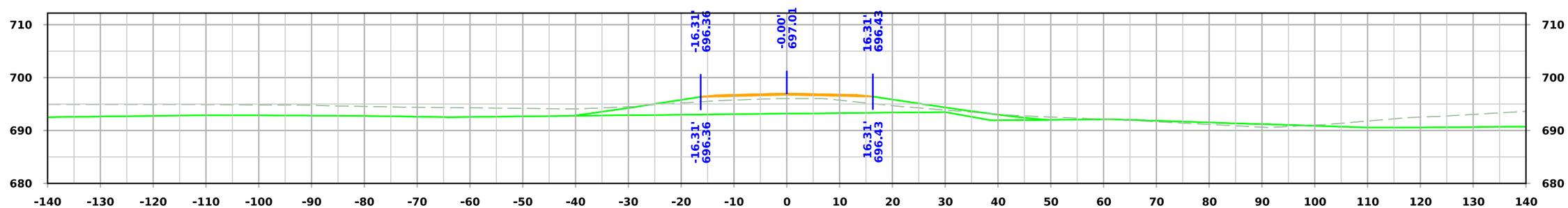
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.200

1:08:36 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0200_SR35_58061061Z14.dgn

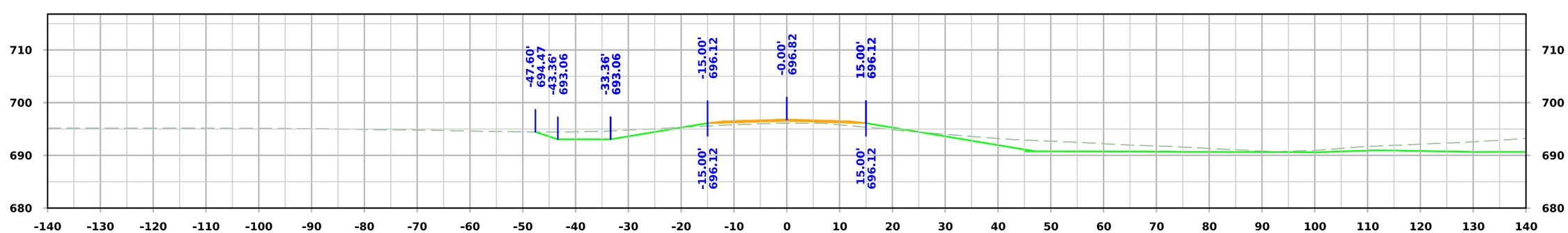
35th St



STA. 262+49.00



STA. 262+00.00

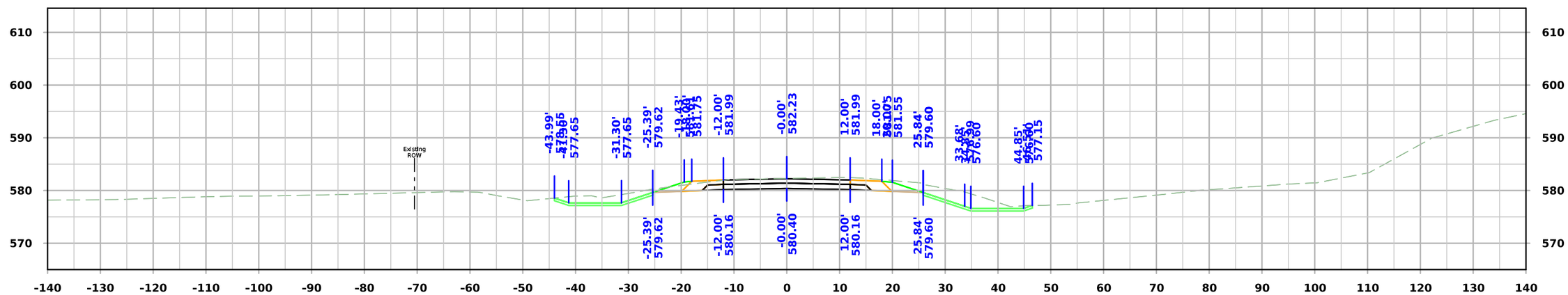


STA. 261+89.00

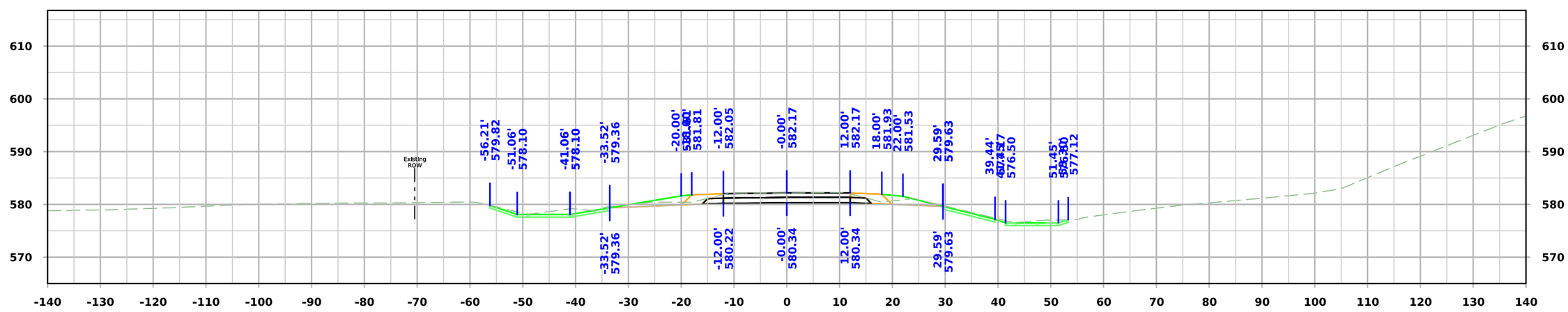
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.201

1:08:38 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0200_SR35_58061061Z14.dgn

Co Rd H16 (West)



STA. 382+50.00

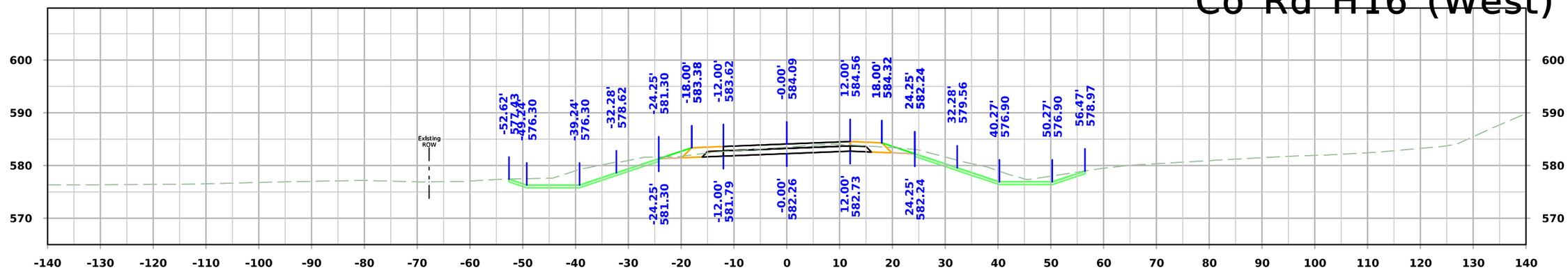


STA. 382+00.00

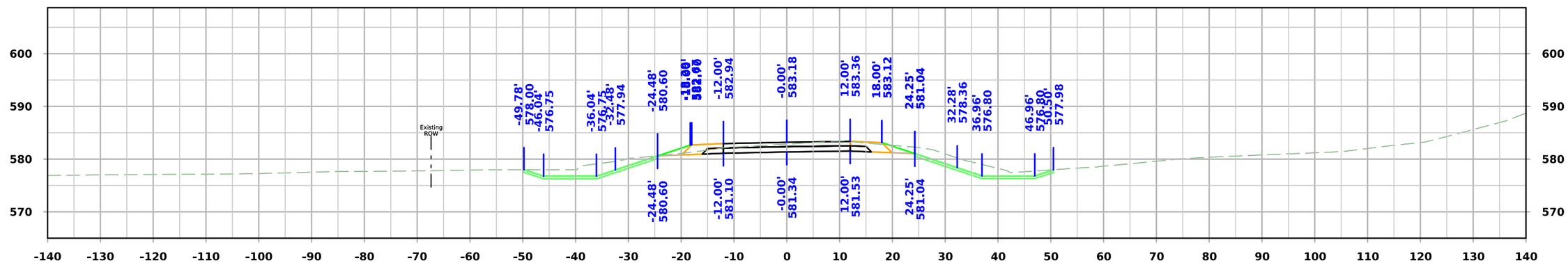
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.300

11:29:13 AM 2/11/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0300_SRH16W_58061061Z14.dgn

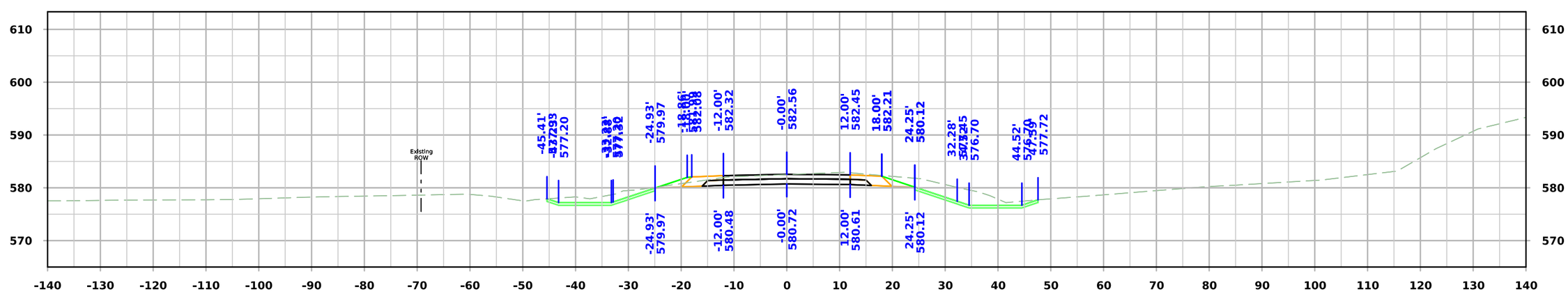
Co Rd H16 (West)



STA. 384+00.00



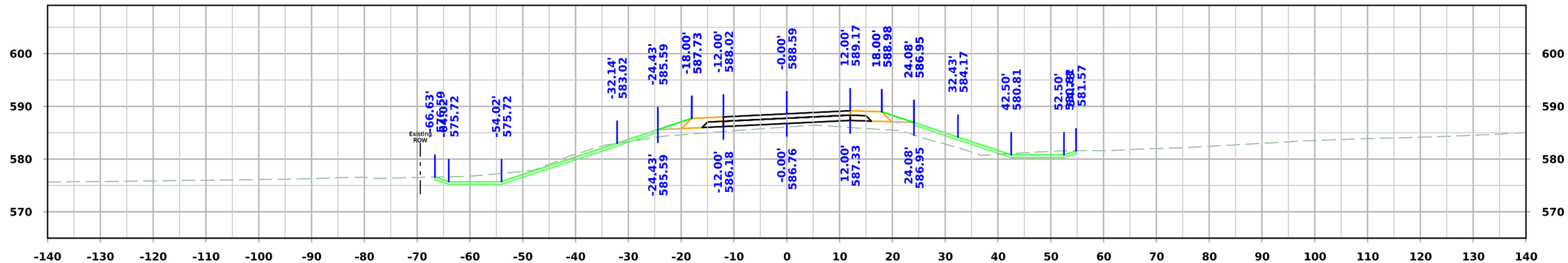
STA. 383+50.00



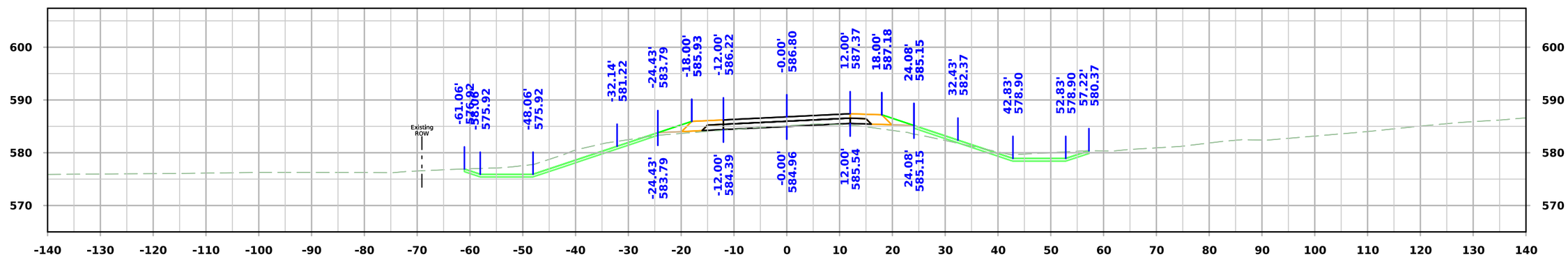
STA. 383+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.301

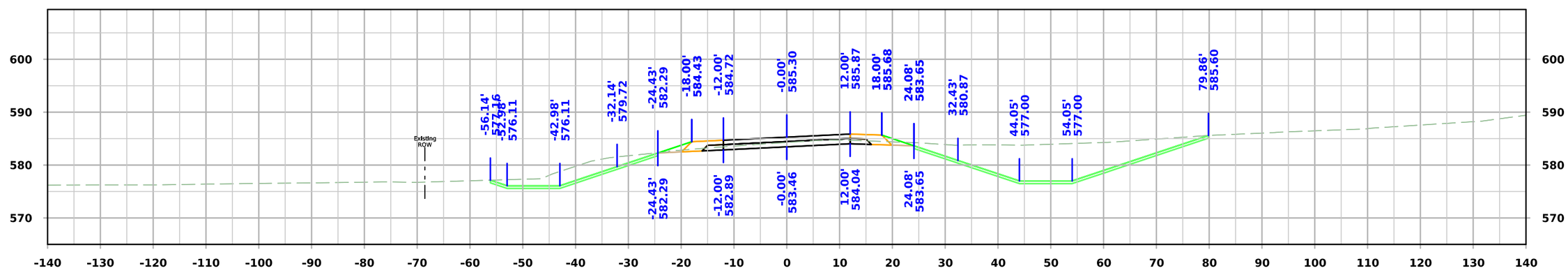
Co Rd H16 (West)



STA. 385+50.00



STA. 385+00.00

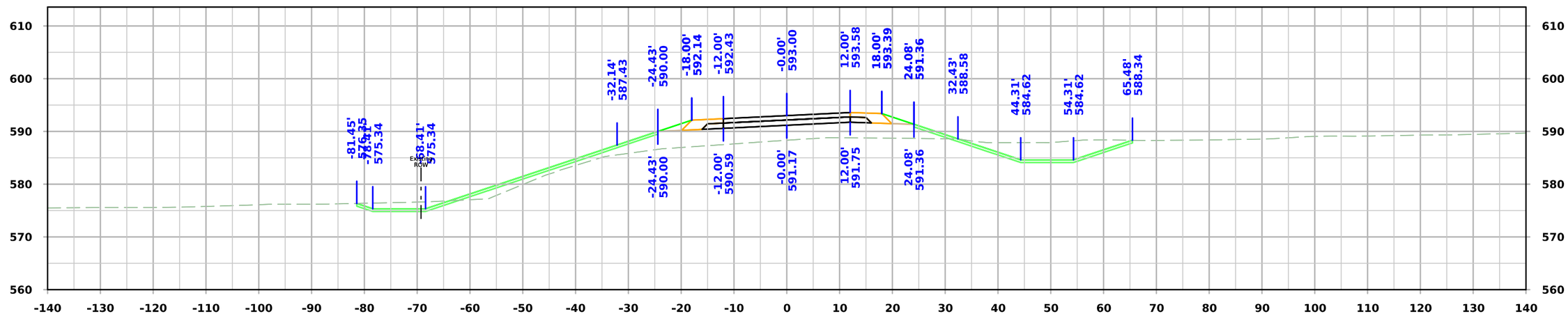


STA. 384+50.00

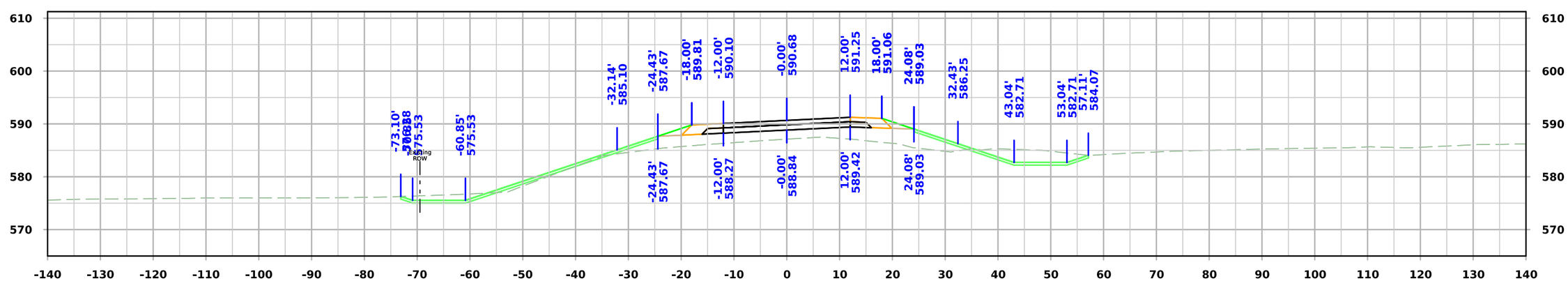
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.302

11:29:19 AM 2/11/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0300_SRH16W_58061061Z14.dgn

Co Rd H16 (West)



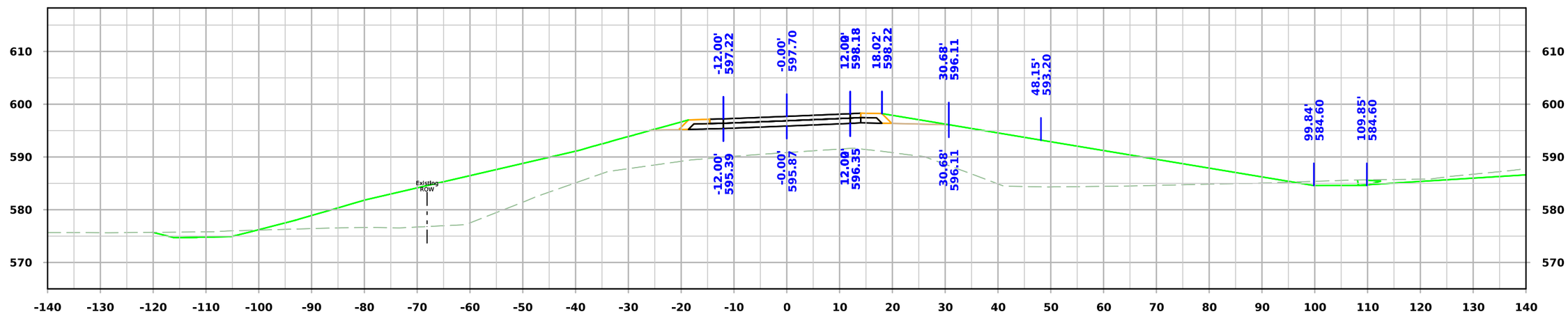
STA. 386+50.00



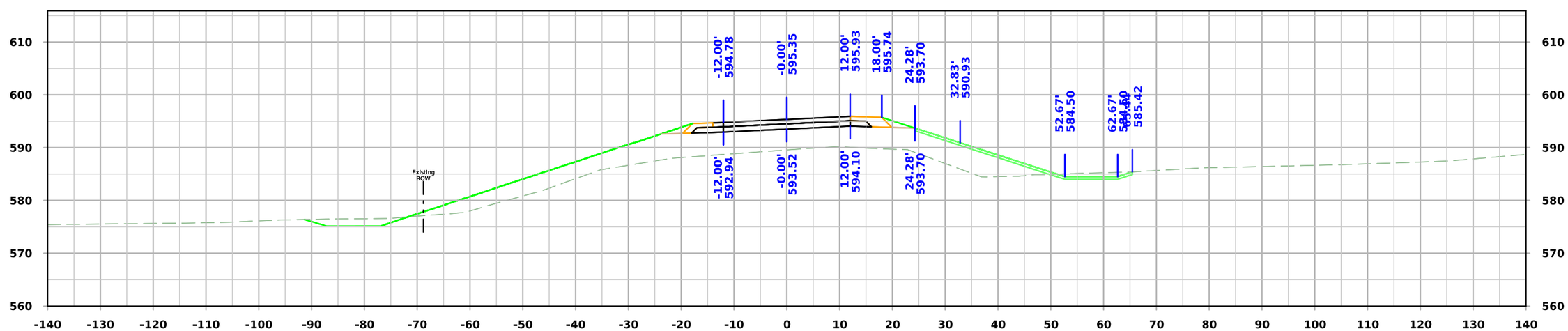
STA. 386+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.303

Co Rd H16 (West)



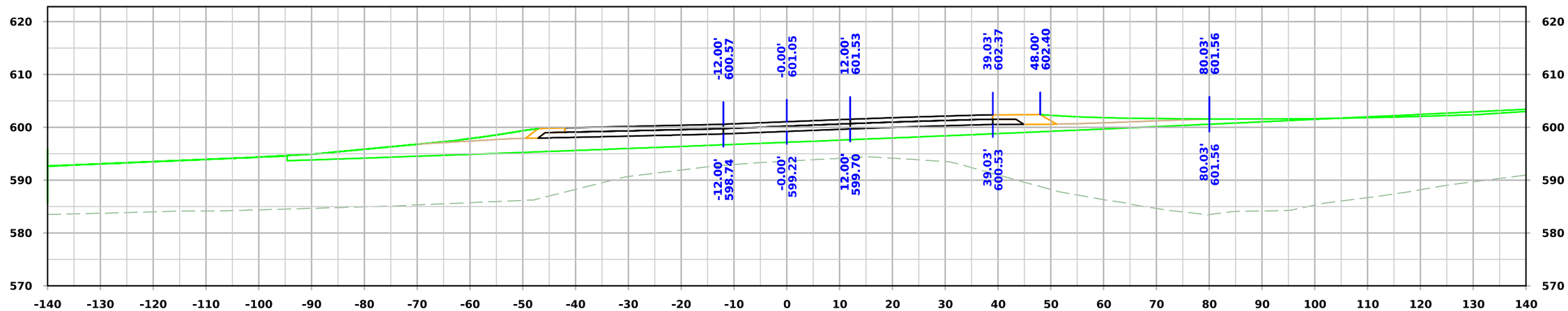
STA. 387+50.00



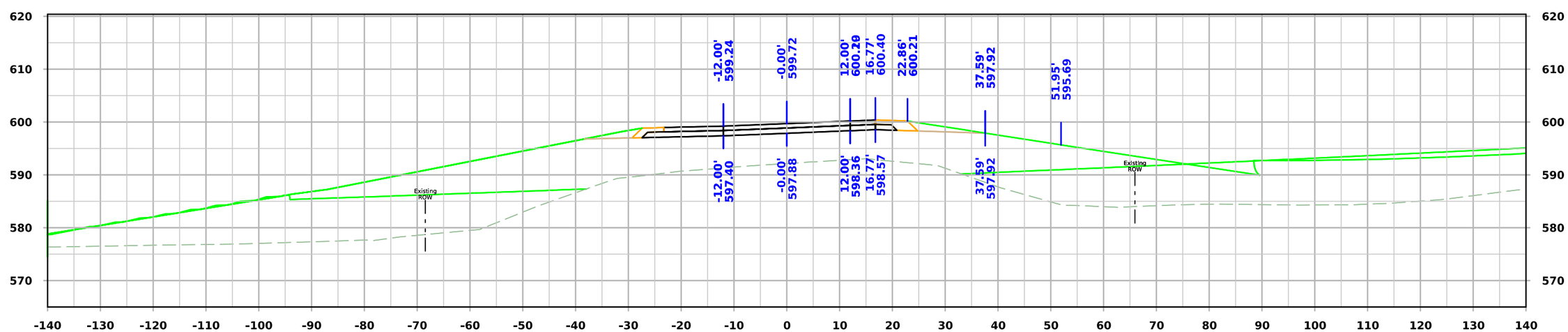
STA. 387+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.304

Co Rd H16 (West)



STA. 388+50.00

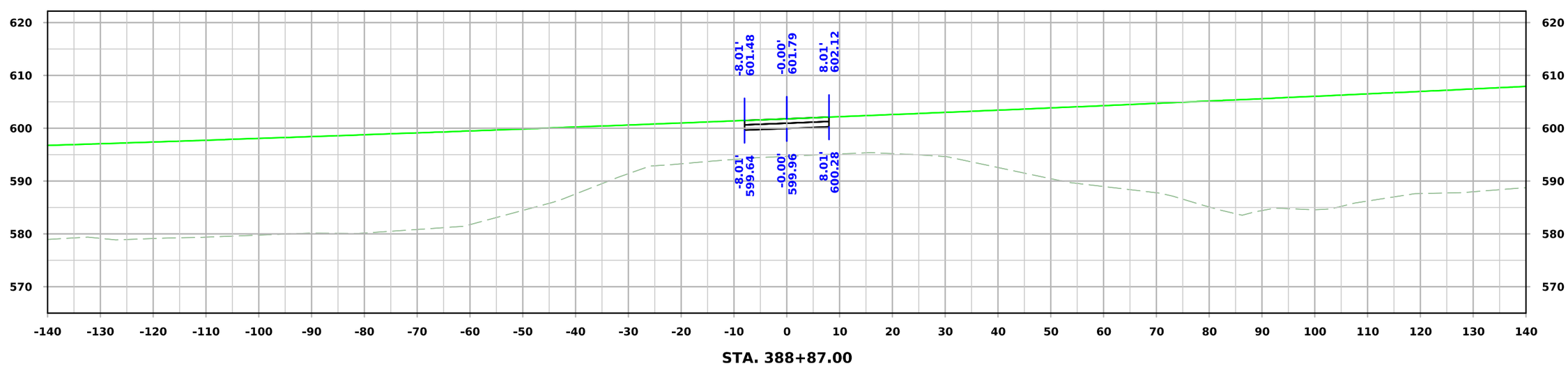


STA. 388+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.305

11:29:25 AM 2/11/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0300_SRH16W_58061061Z14.dgn

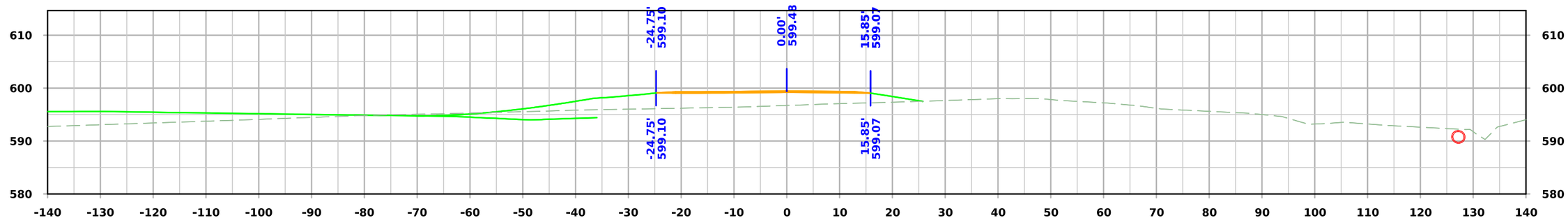
Co Rd H16 (West)



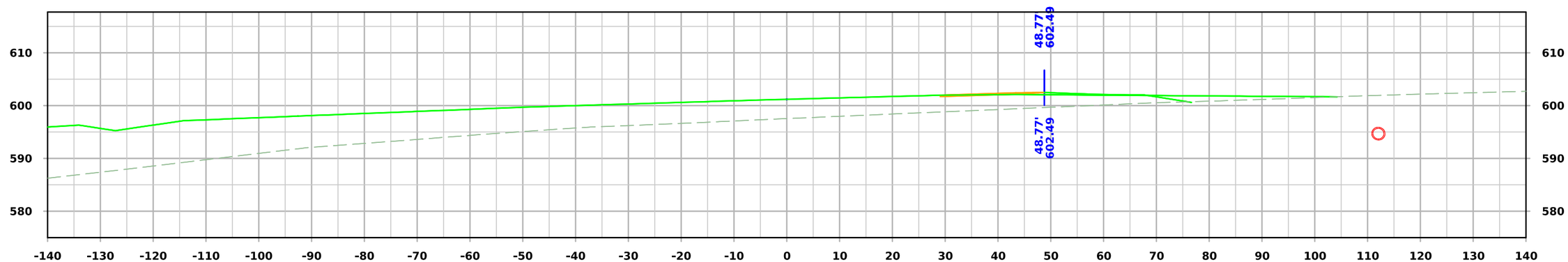
STA. 388+87.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.306

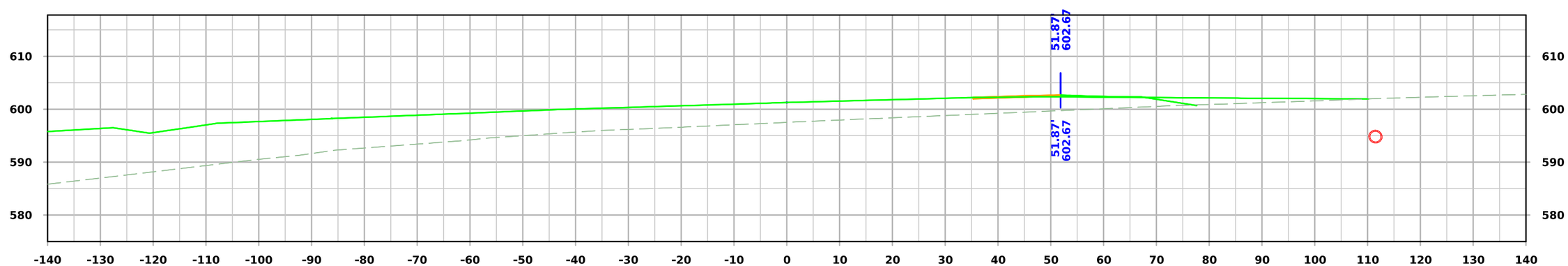
Co Rd H16 (East)



STA. 390+50.00



STA. 390+00.00

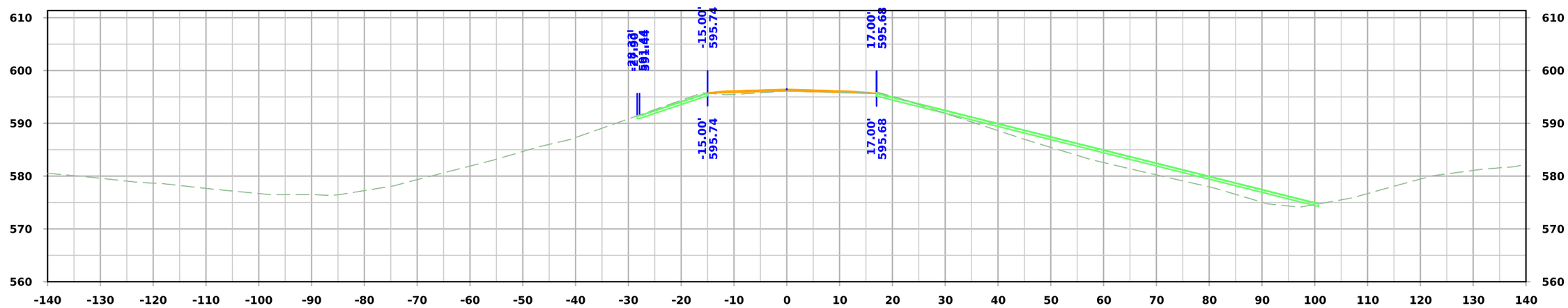


STA. 389+98.16

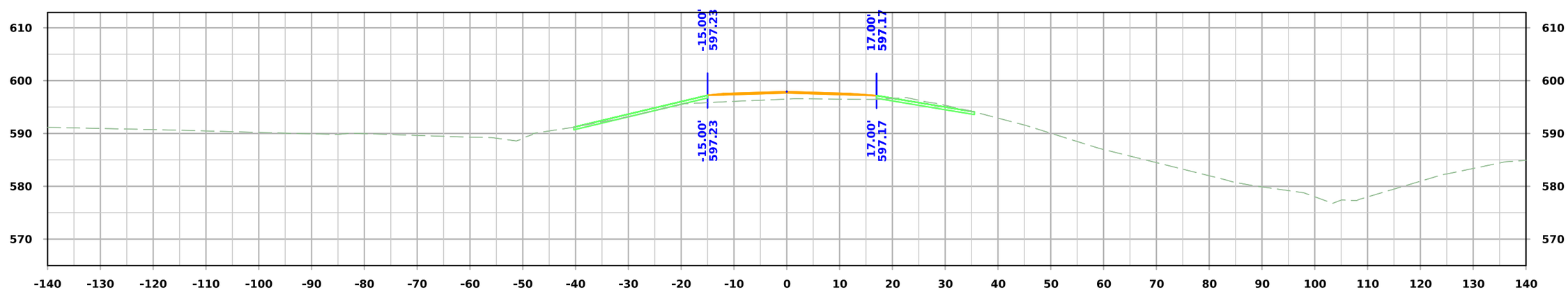
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **X.400**

1:09:13 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0400_SRH16E_58061061Z14.dgn

Co Rd H16 (East)



STA. 391+50.00

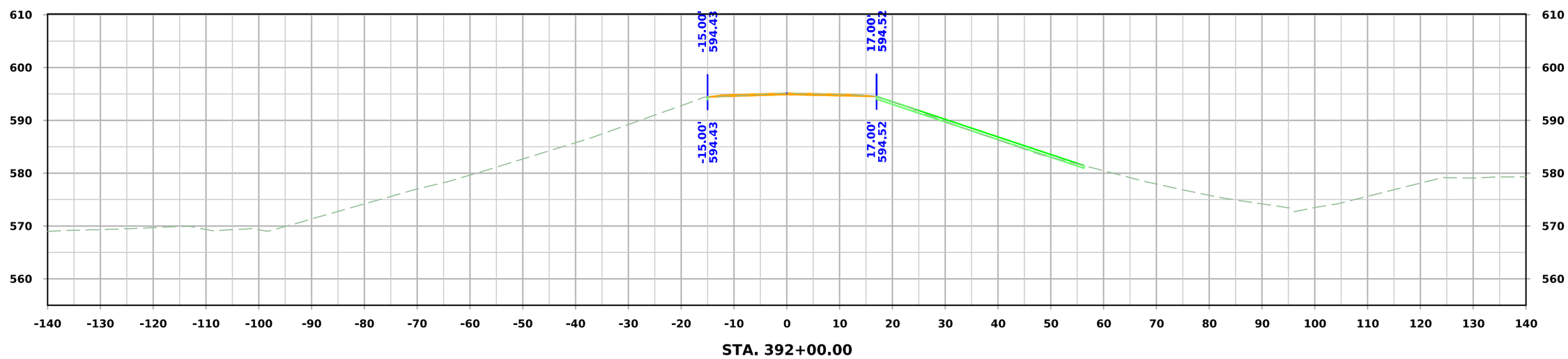


STA. 391+00.00

FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **X.401**

1:09:15 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0400_SRH16E_58061061Z14.dgn

Co Rd H16 (East)

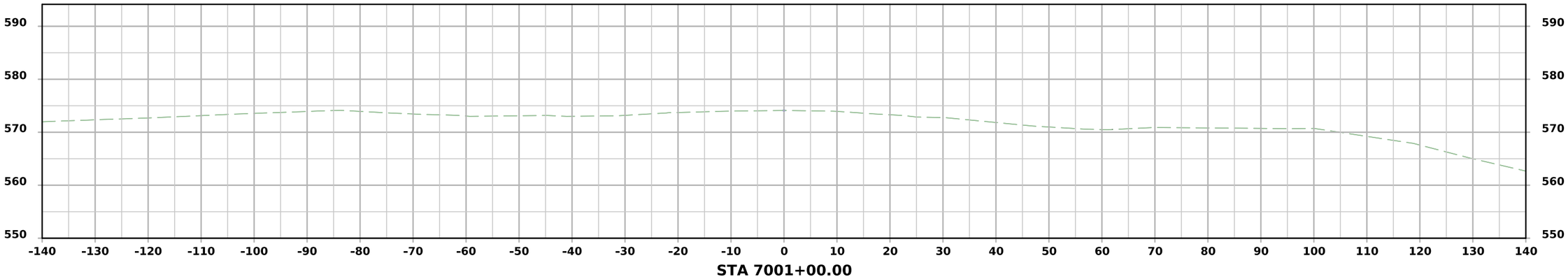


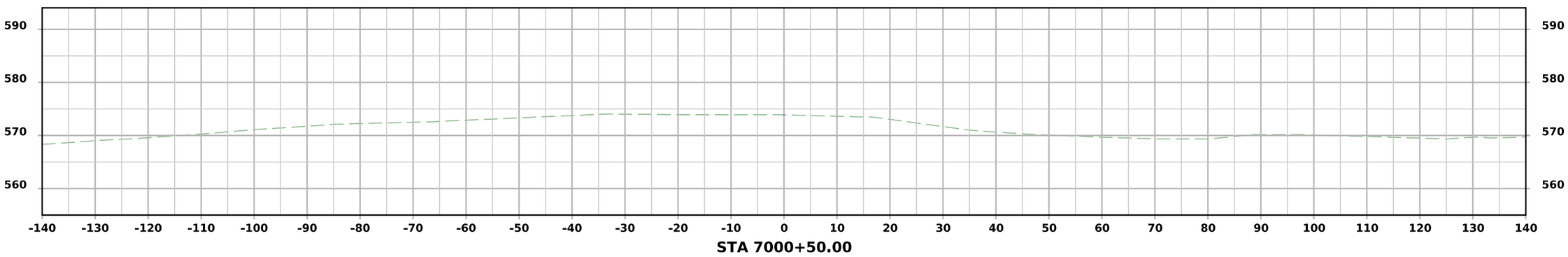
STA. 392+00.00

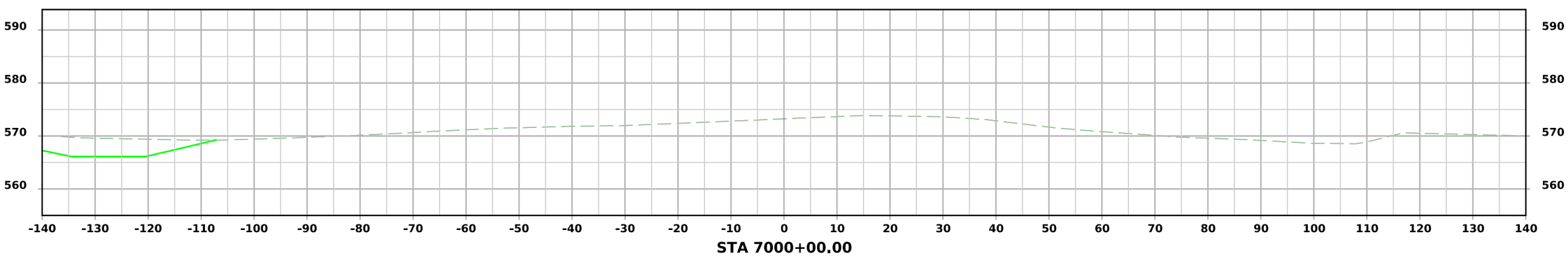
FILE NO.	ENGLISH	DESIGN TEAM **Flattery \ Kiebel \ Jack**	**LOUISA** COUNTY	PROJECT NUMBER **NHSX-061-3(61)--3H-58**	SHEET NUMBER **X.402**

1:09:16 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0400_SRH16E_58061061Z14.dgn

J Ave S (Close)



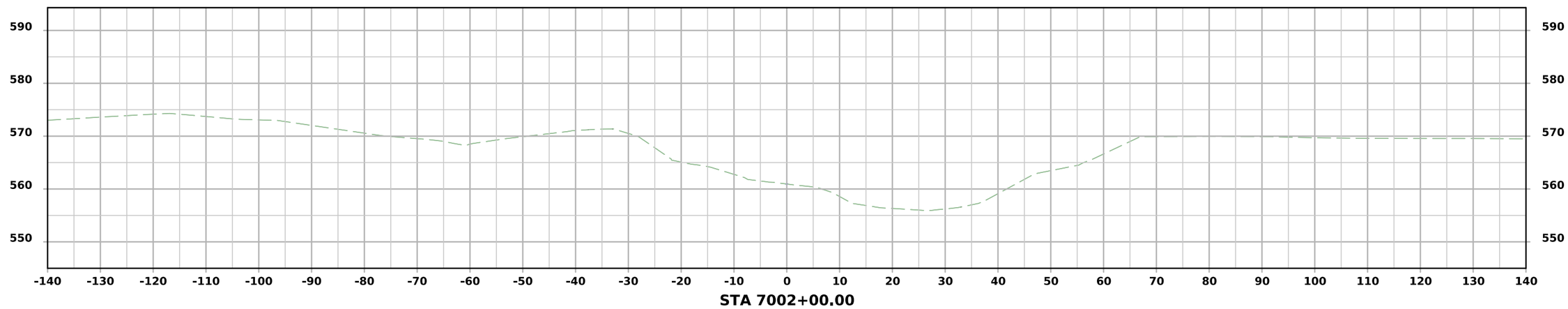




FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.500

1:09:26 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0500_SRJAveS_58061061Z14.dgn

J Ave S (Close)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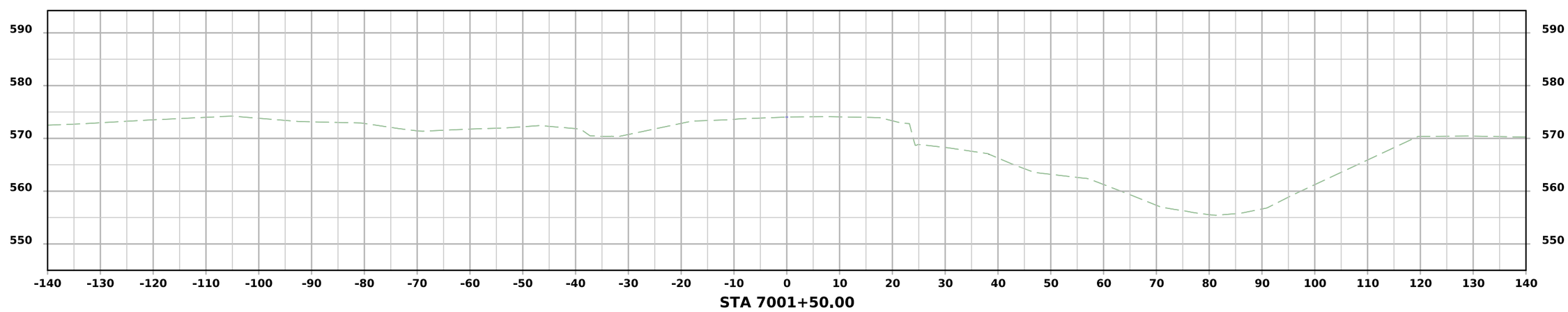
-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
STA 7002+00.00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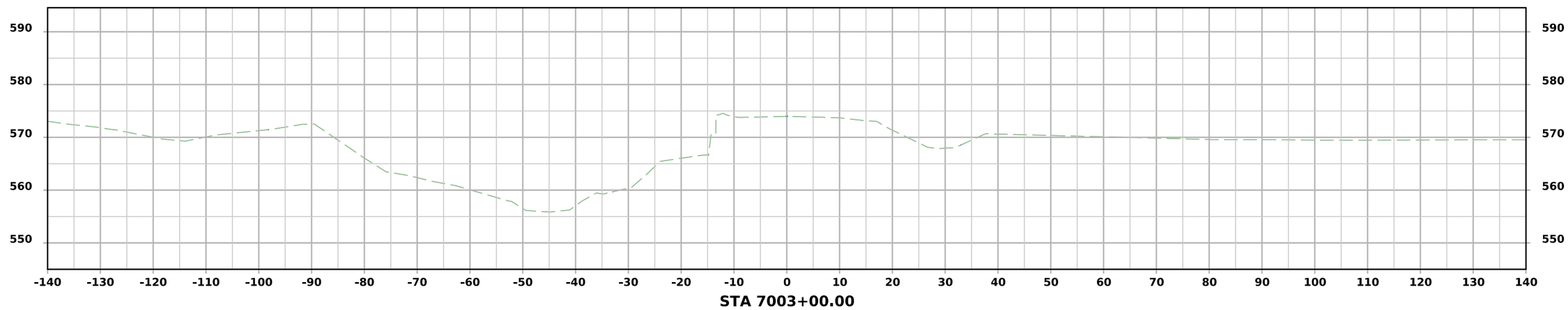
-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
STA 7001+50.00

J Ave S (Close)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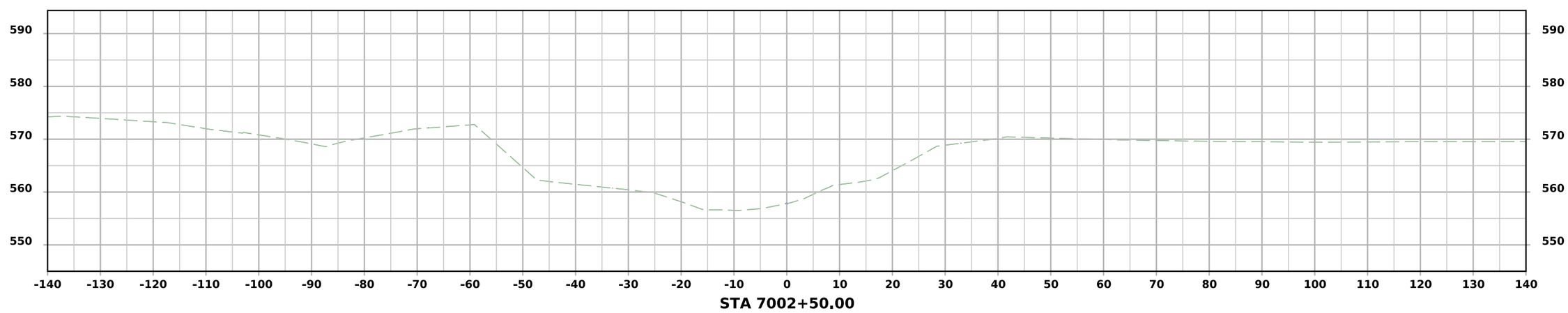
STA 7003+00.00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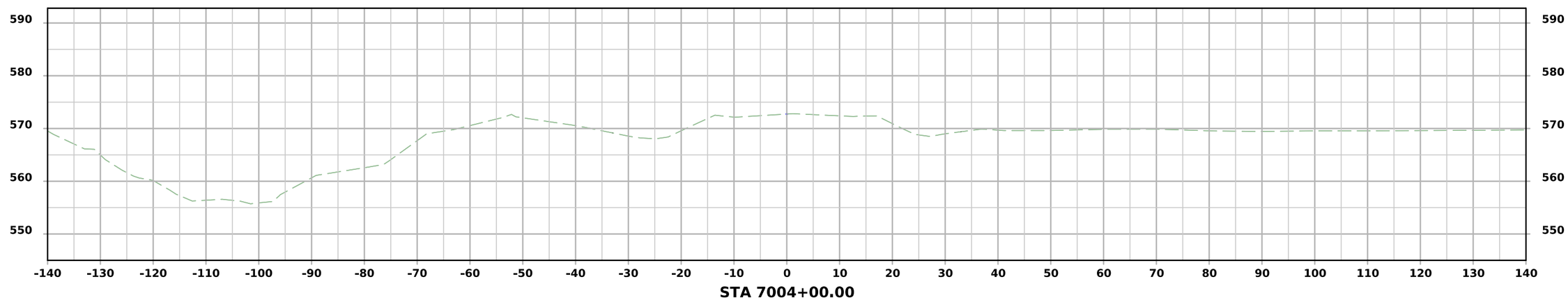
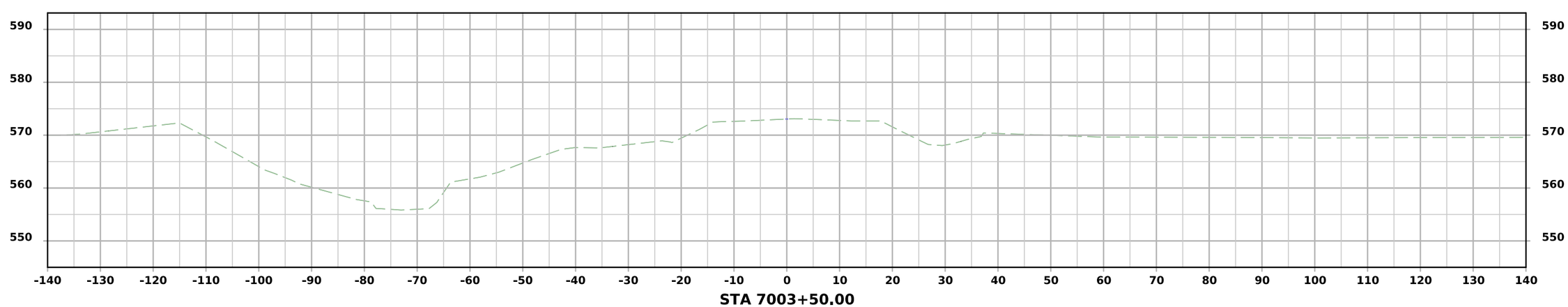
-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
STA 7002+50.00

J Ave S (Close)

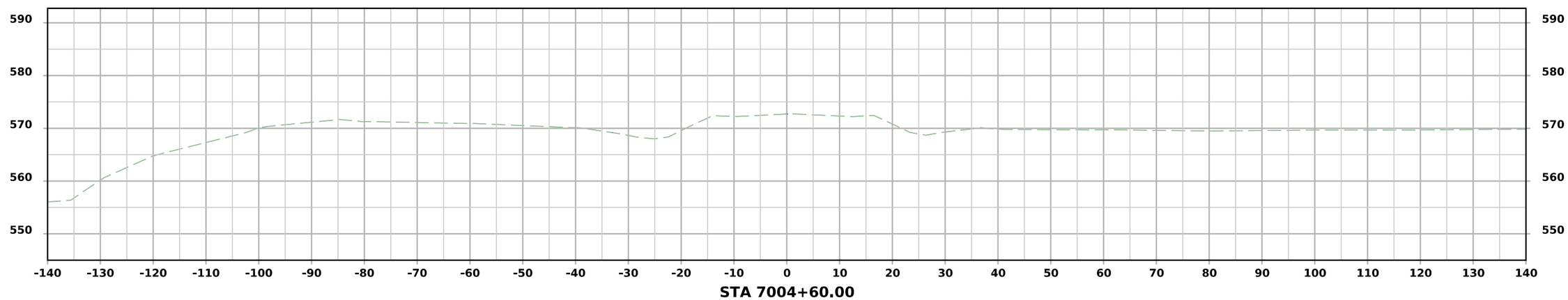




FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.503

1:09:32 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0500_SRJAveS_58061061Z14.dgn

J Ave S (Close)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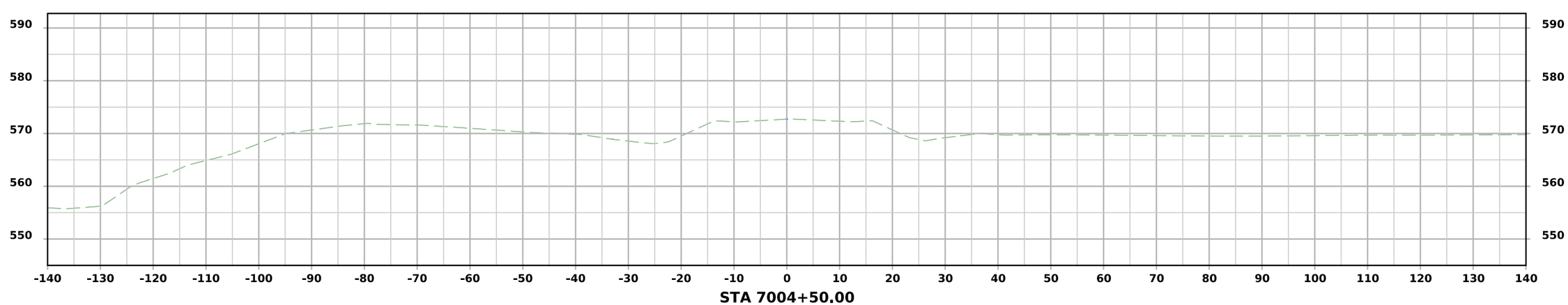
STA 7004+60.00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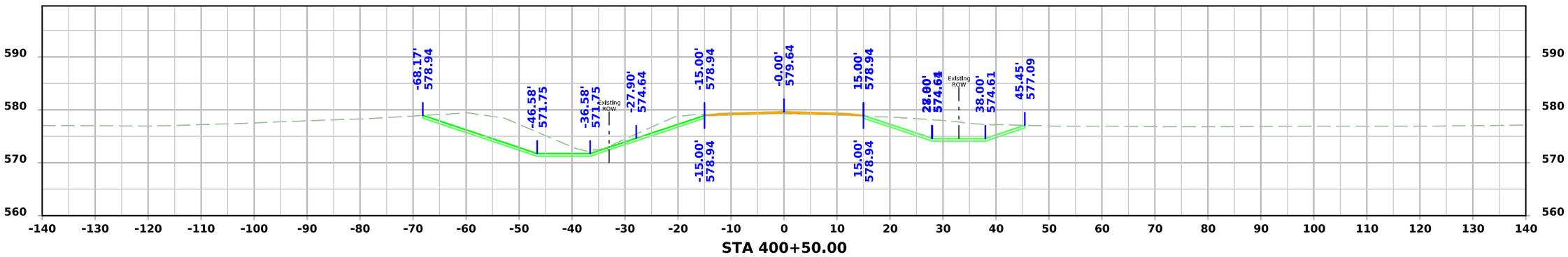
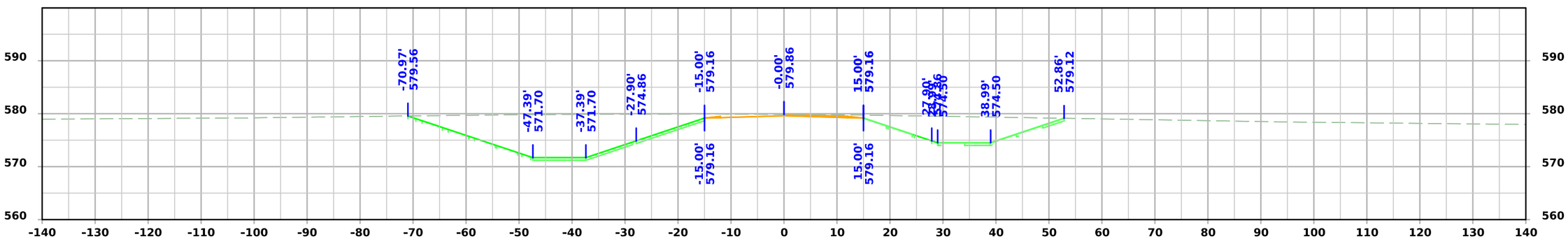
-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
STA 7004+50.00

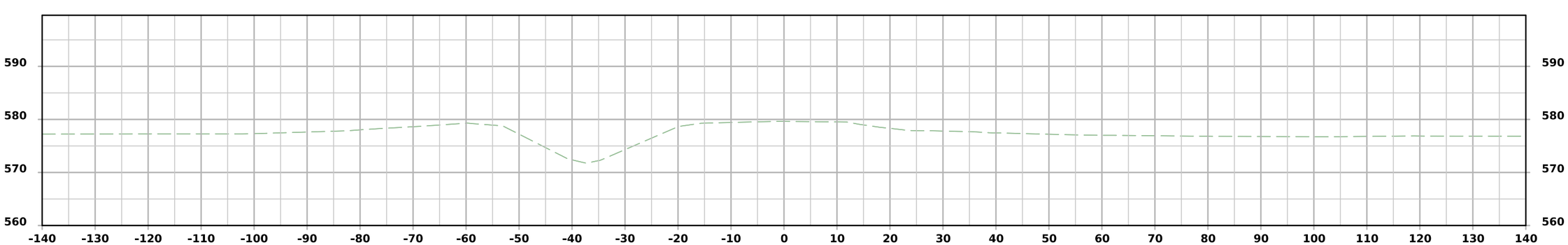
BUS 61



STA 400+50.00



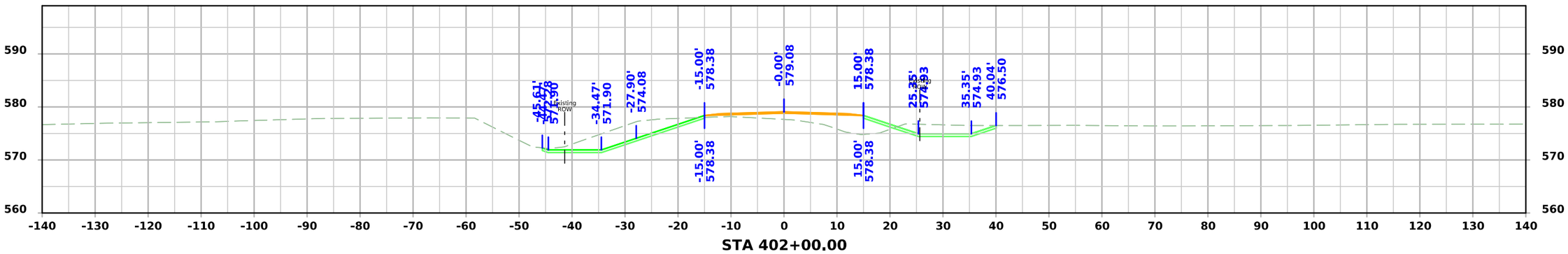
STA 400+00.00

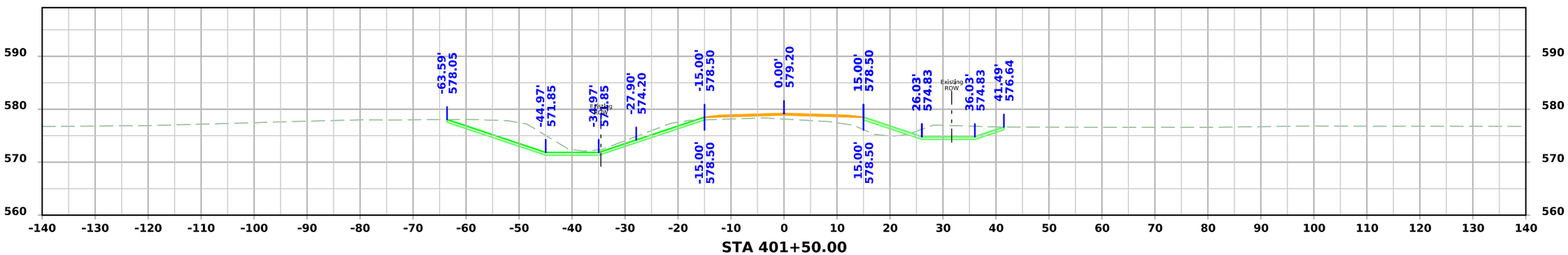


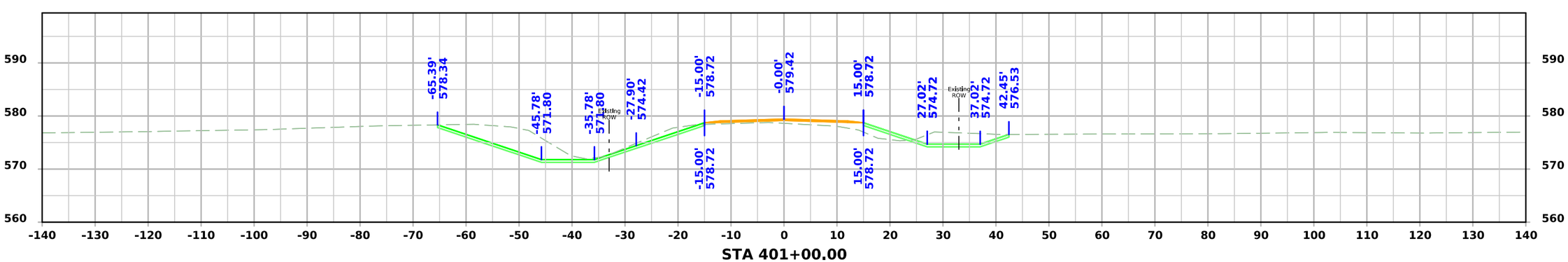
STA 399+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.600

BUS 61

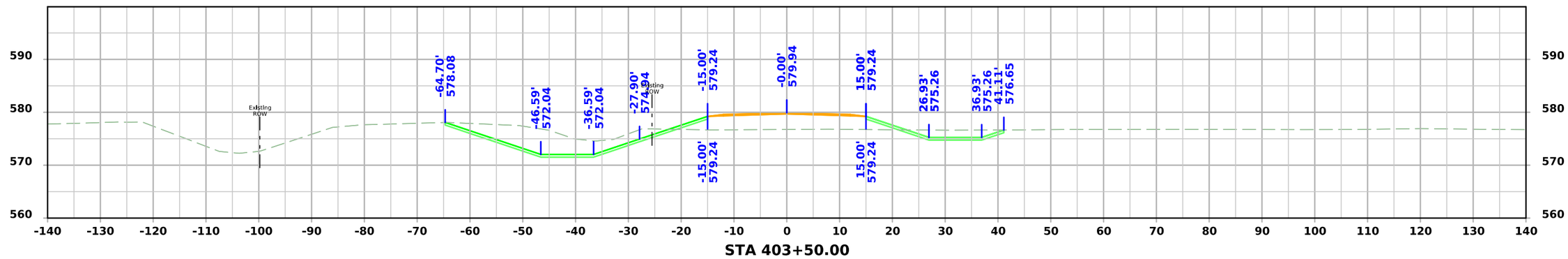


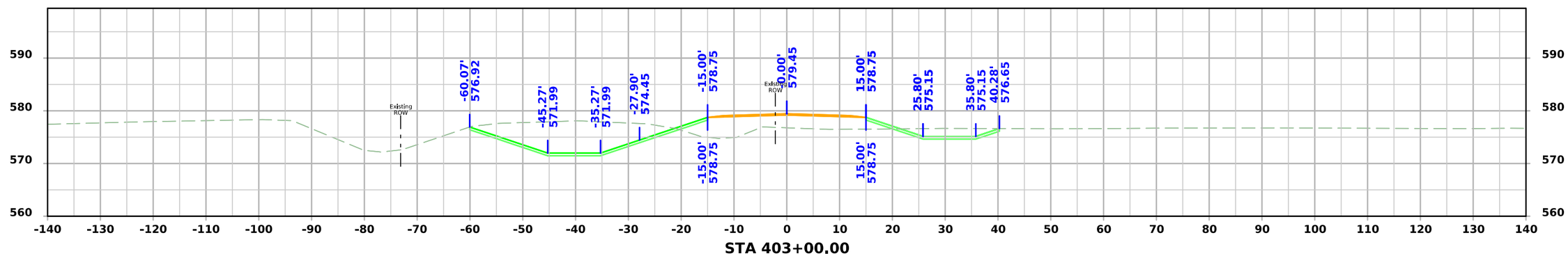


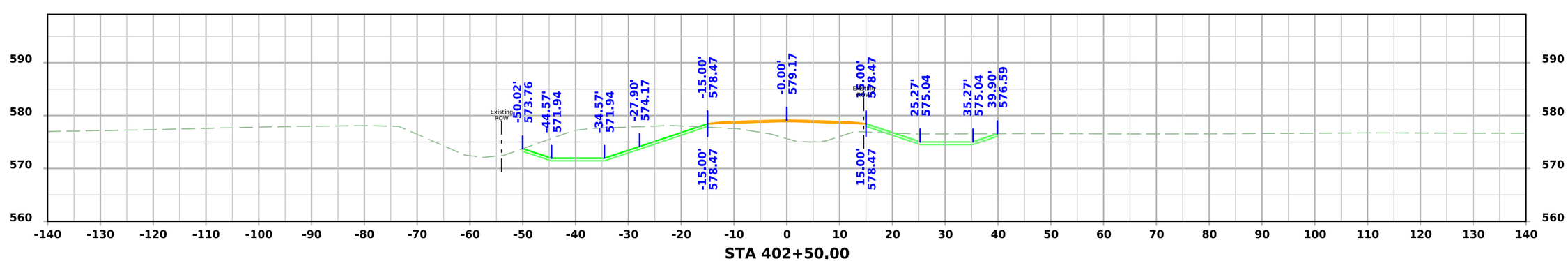


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.601

BUS 61



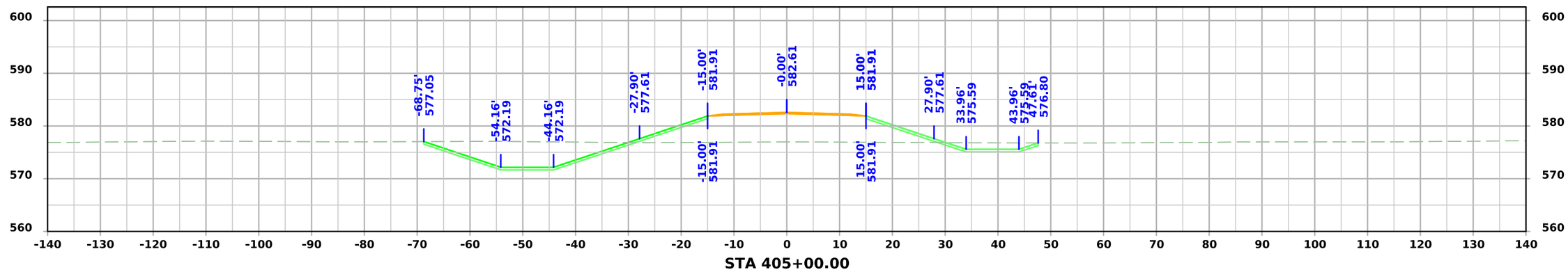


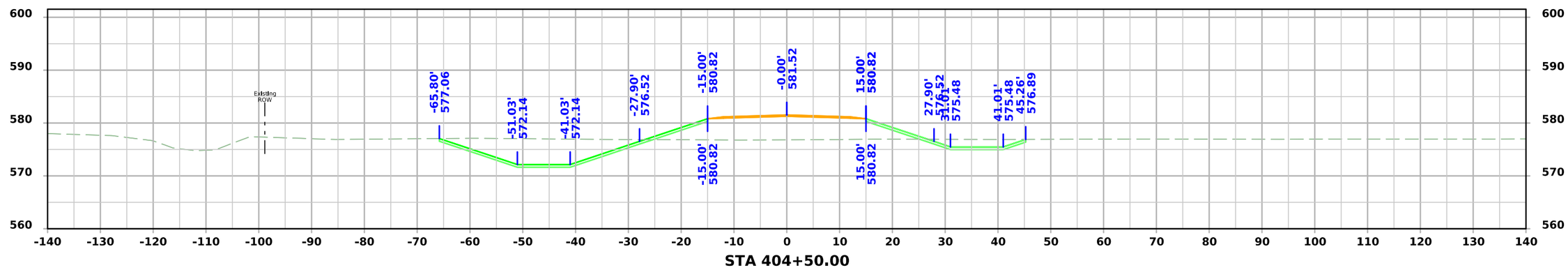


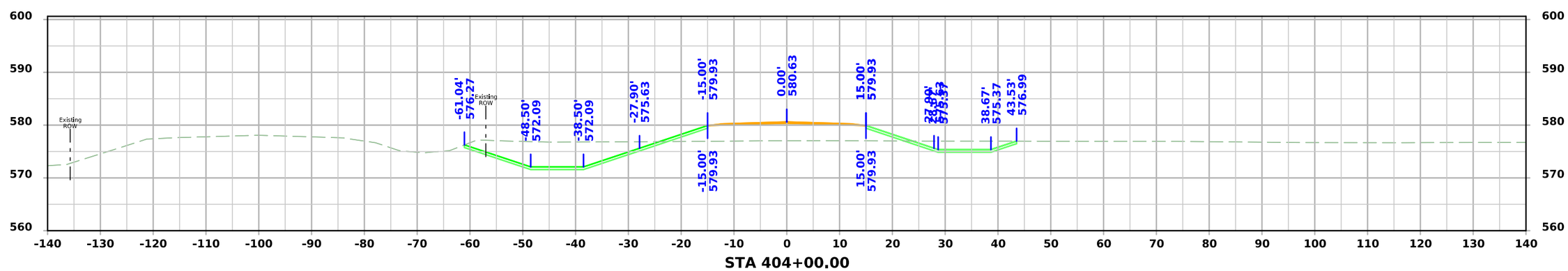
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.602

2:20:26 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



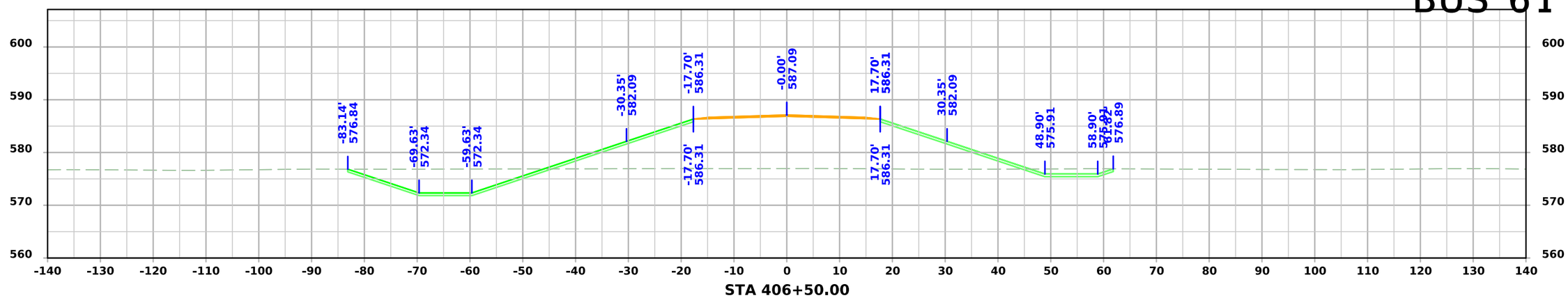


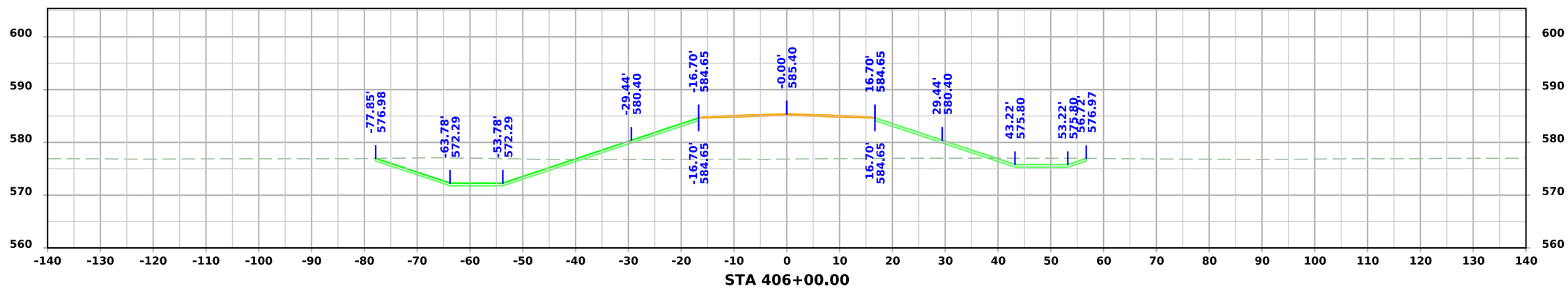


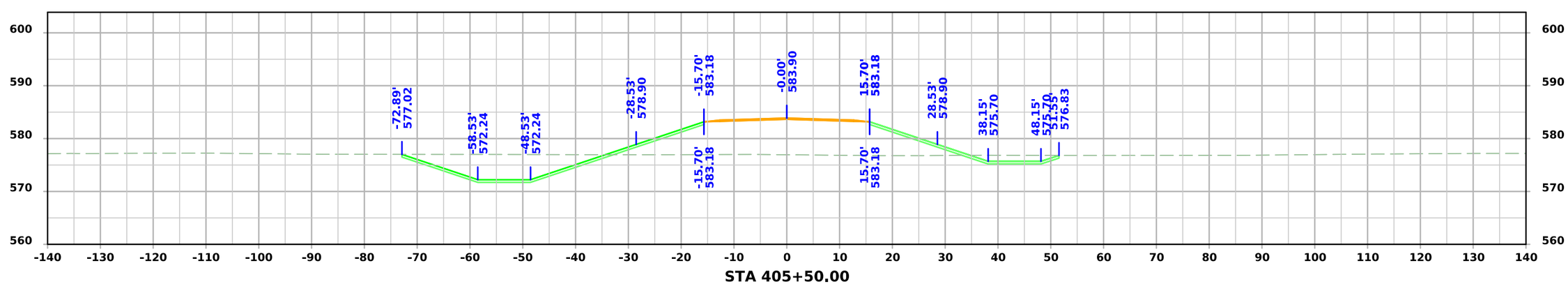
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.603

2:20:29 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



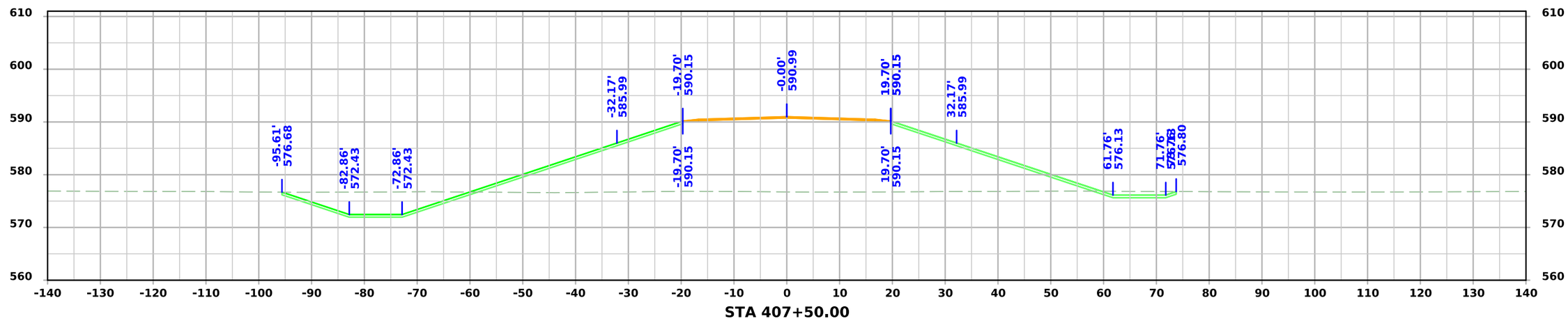




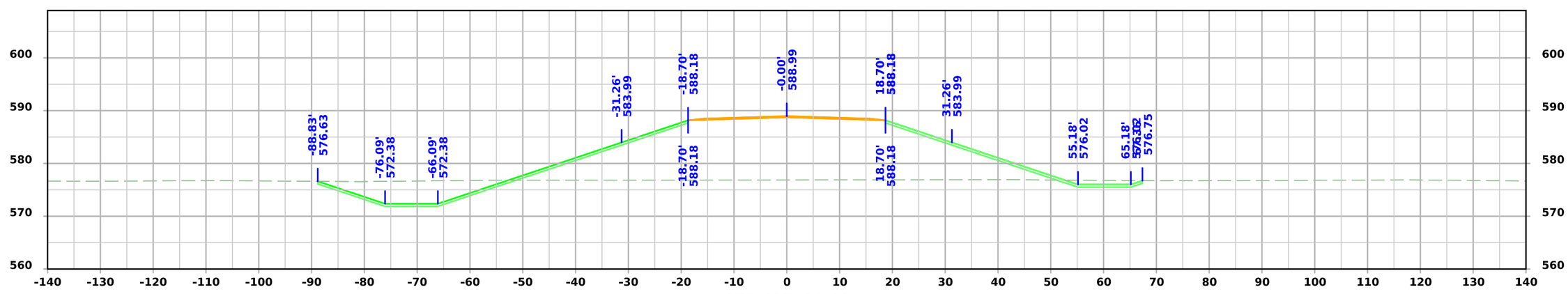
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.604

2:20:32 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 407+50.00

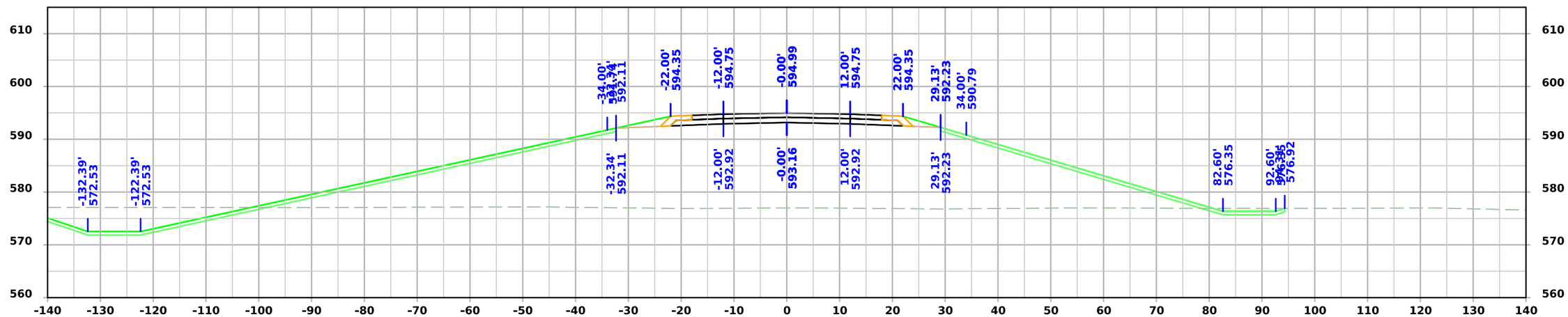


STA 407+00.00

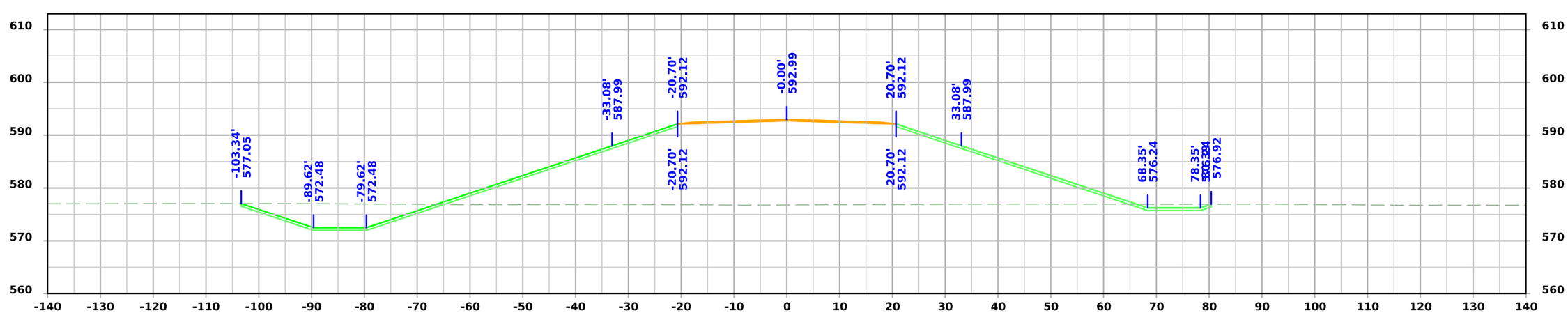
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.605

2:20:34 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 408+50.00

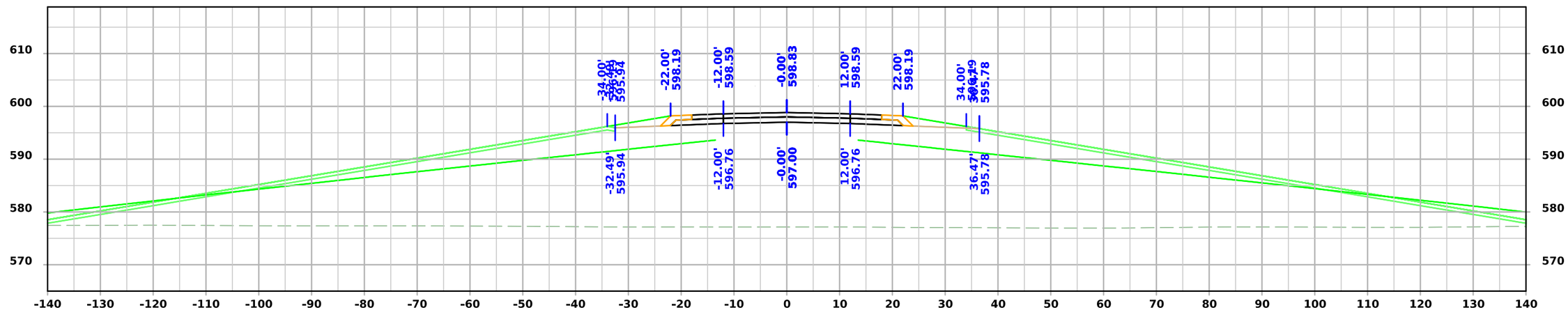


STA 408+00.00

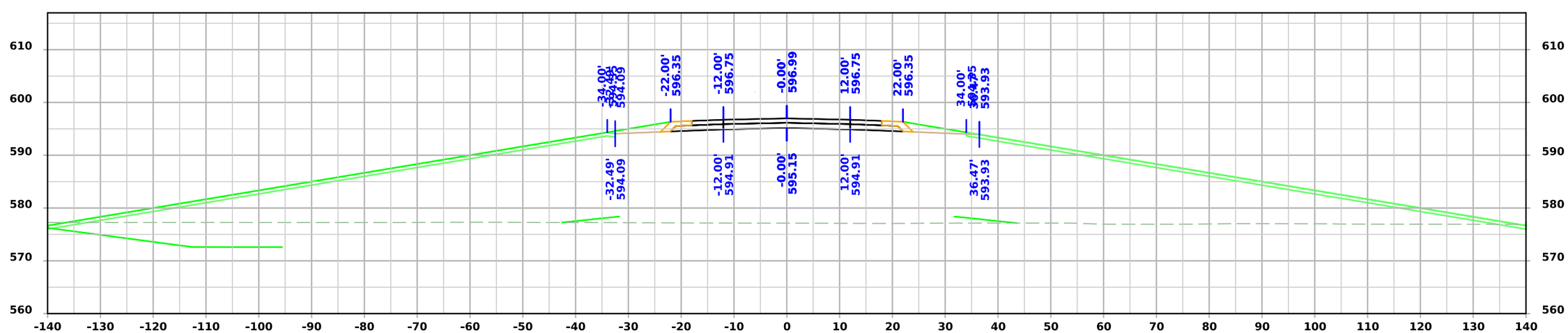
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.606

2:20:36 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 409+50.00

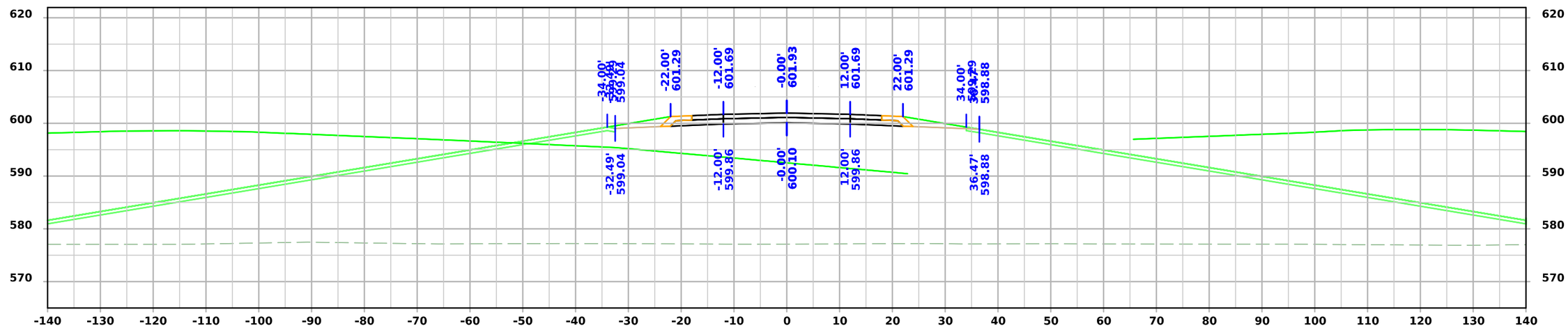


STA 409+00.00

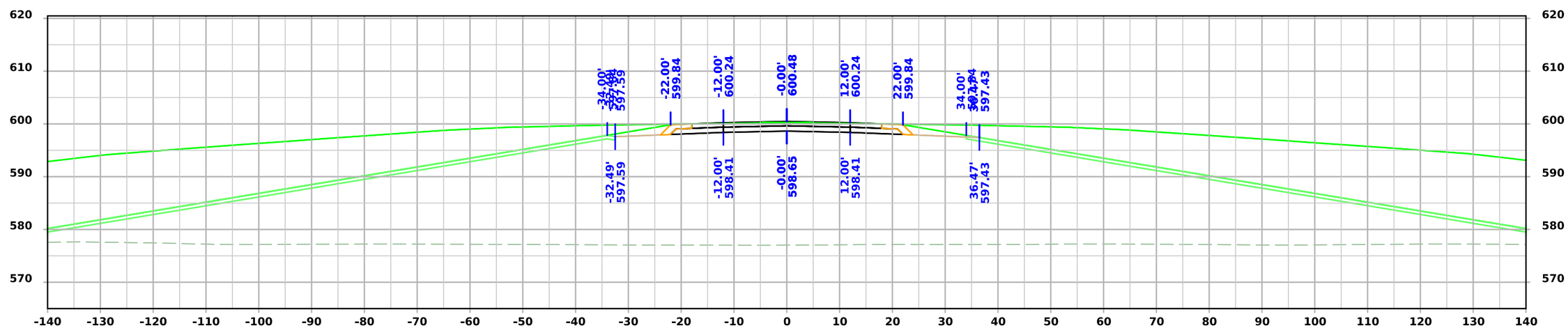
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.607

2:20:38 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

ML - US169



STA 410+50.00

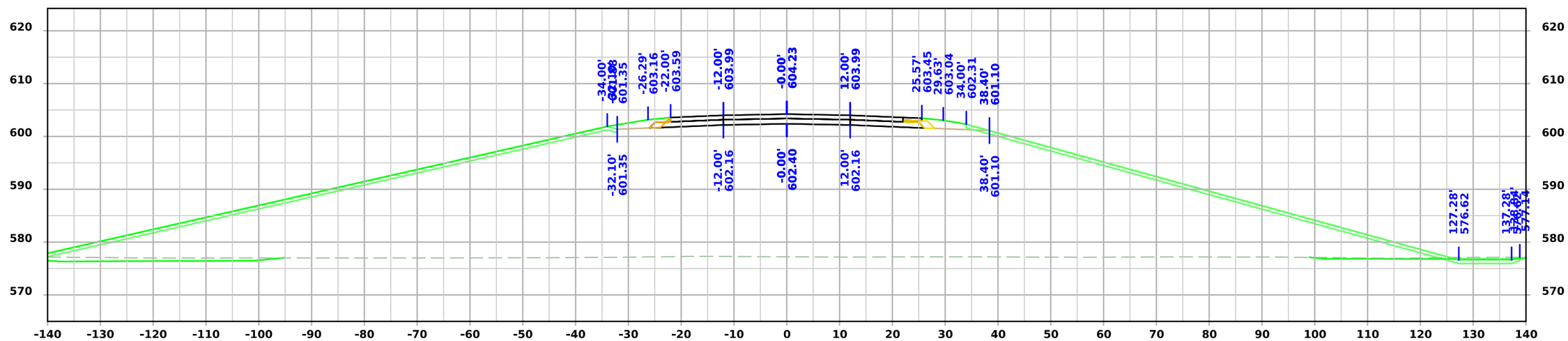


STA 410+00.00

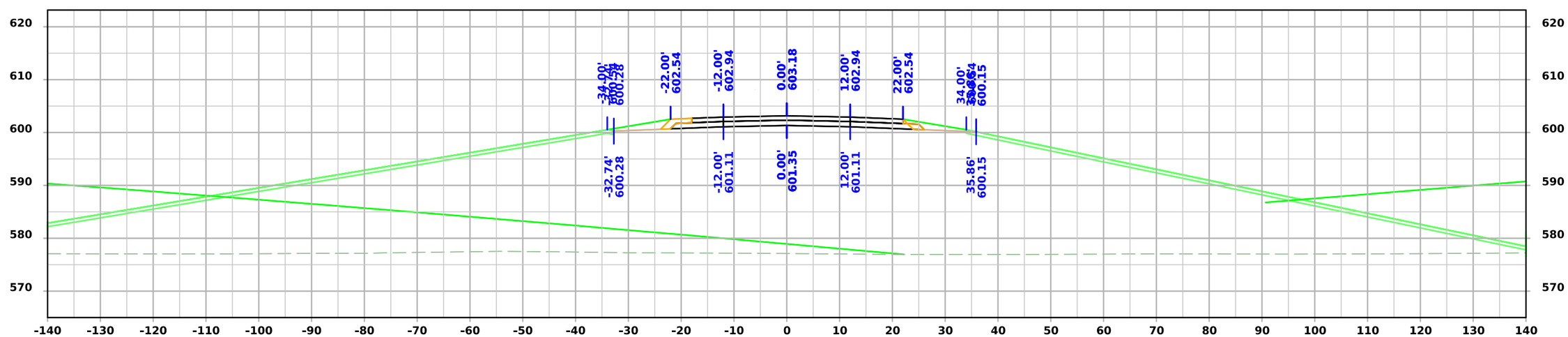
FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER Cross Section Sheets

2:20:41 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 411+50.00

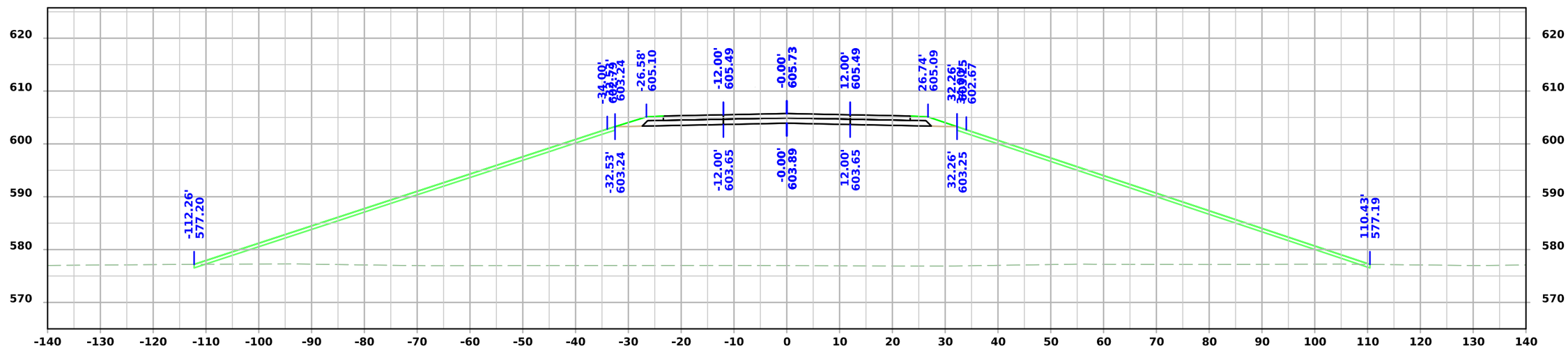


STA 411+00.00

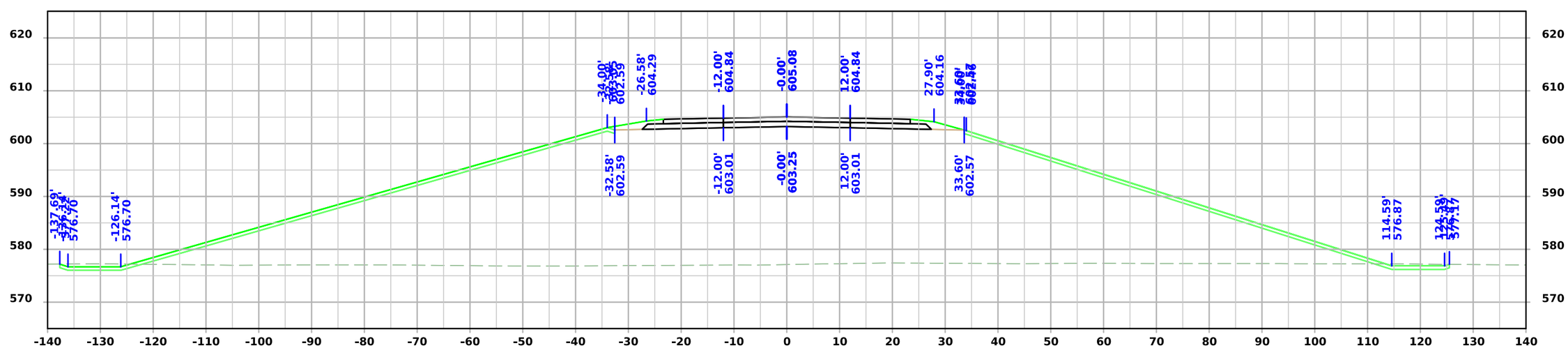
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.609

2:20:43 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 412+50.00

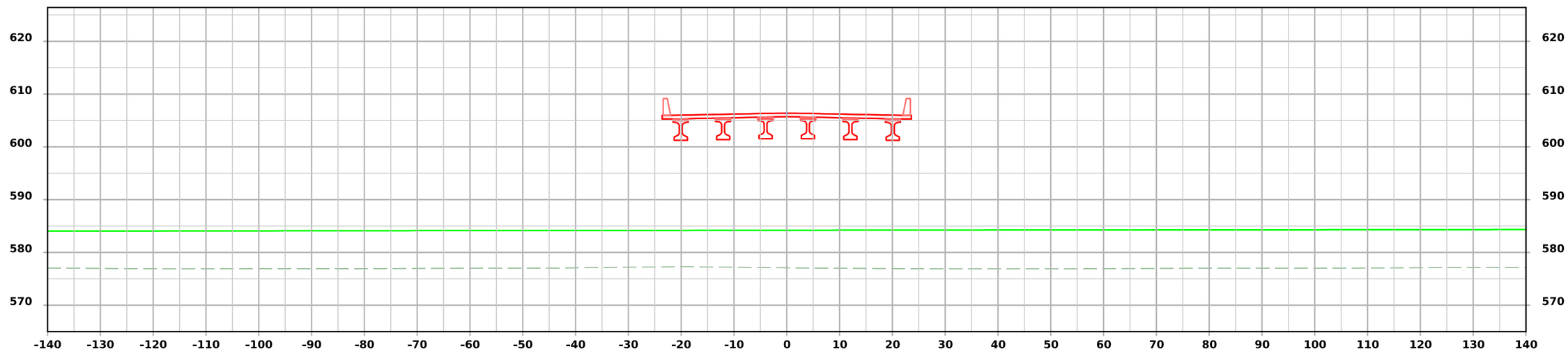


STA 412+00.00

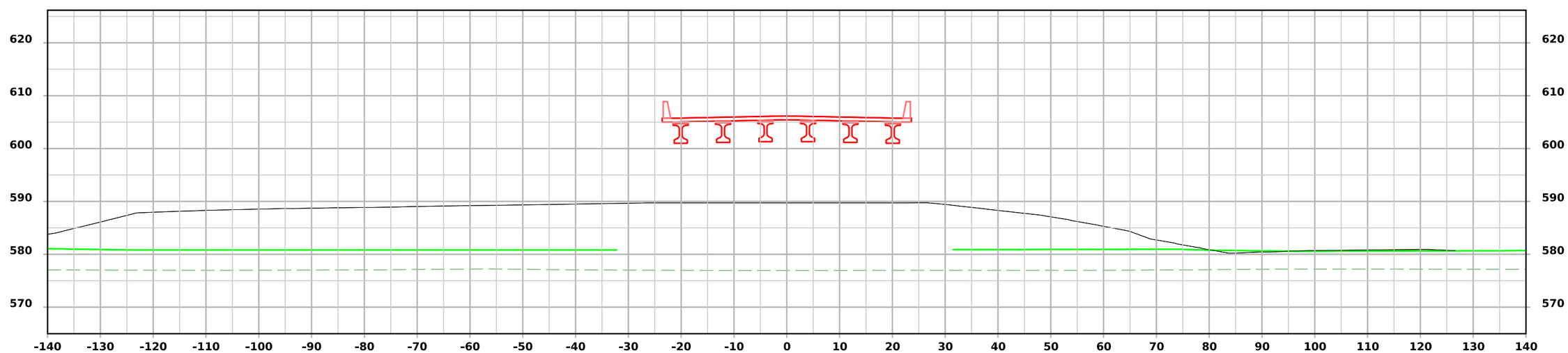
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.610

2:20:46 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 413+50.00

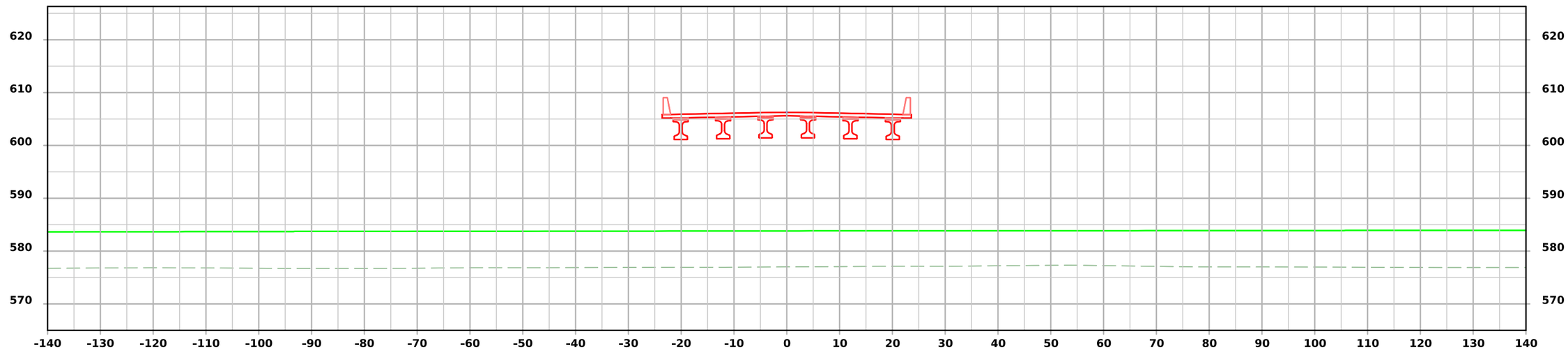


STA 413+00.00

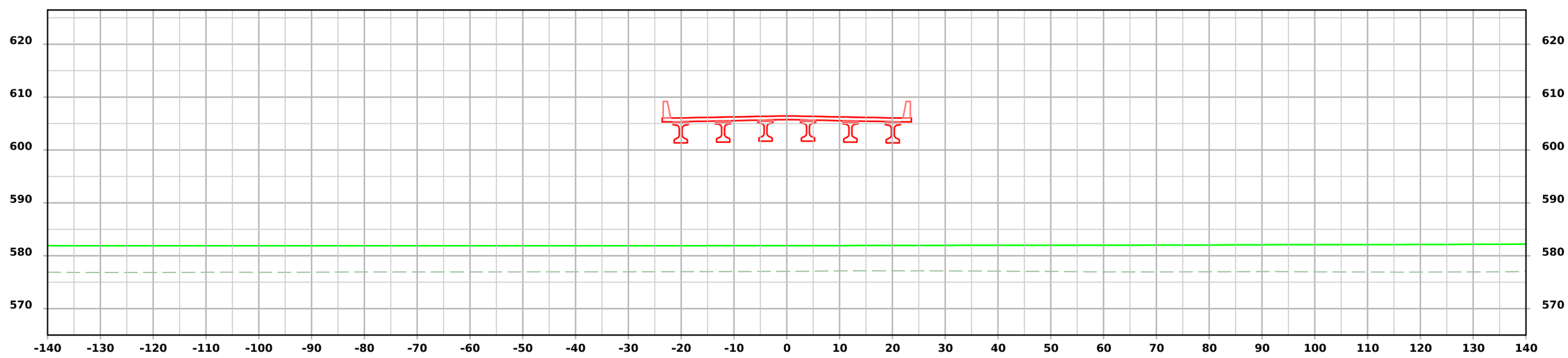
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.611

2:20:48 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 414+50.00

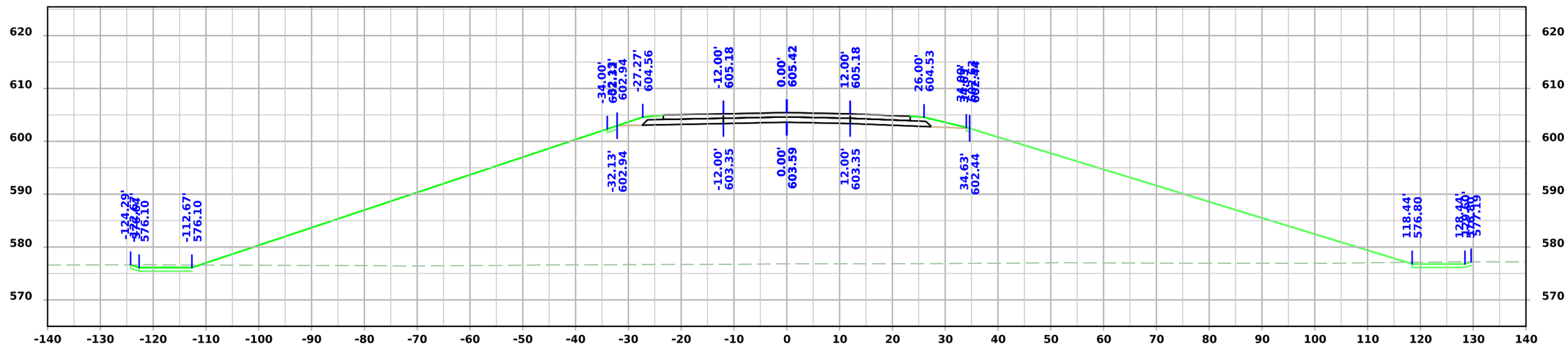


STA 414+00.00

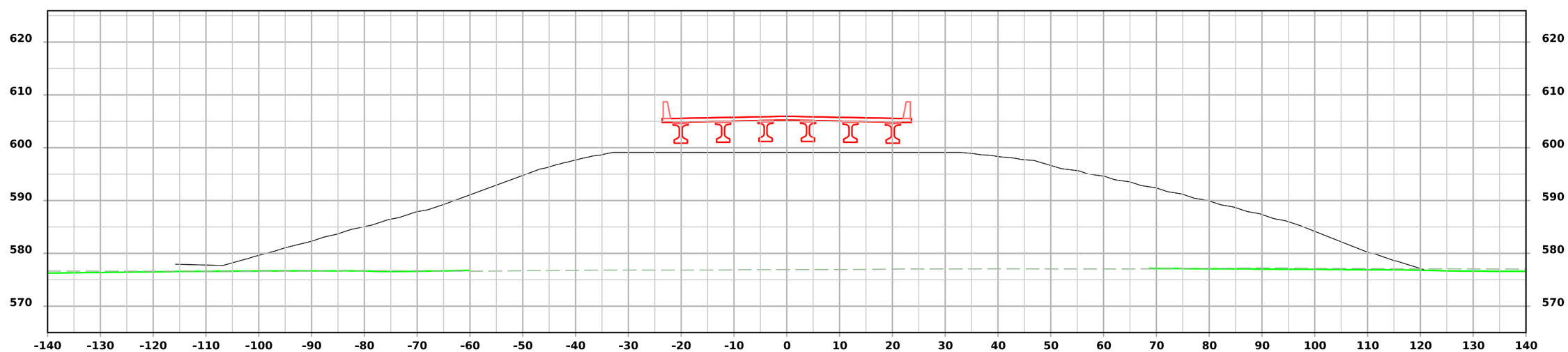
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.612

2:20:50 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 415+50.00

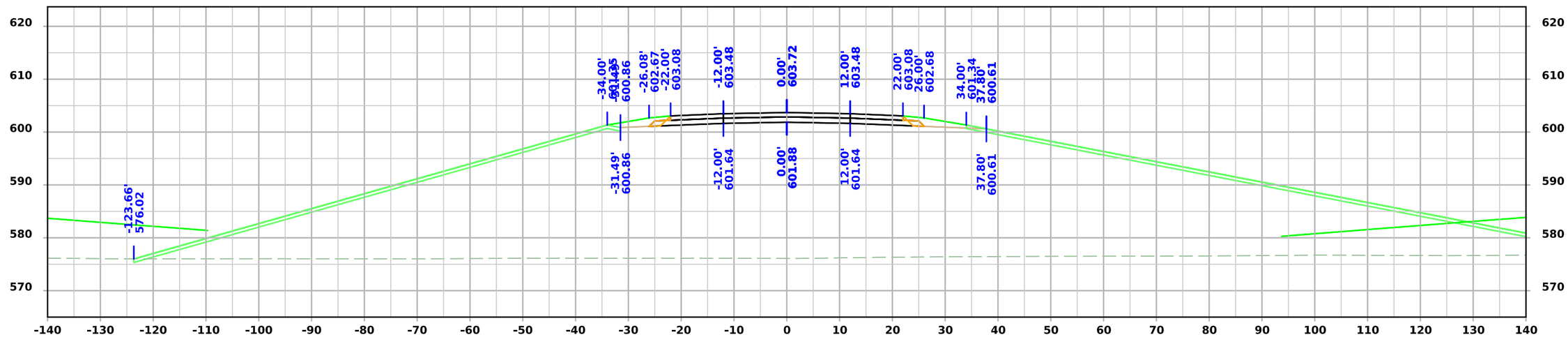


STA 415+00.00

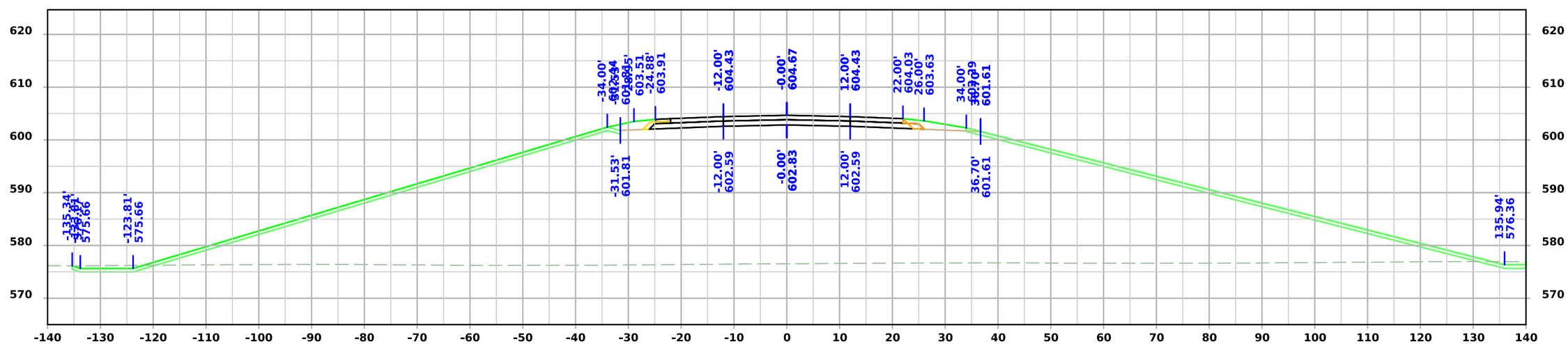
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.613

2:20:53 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 416+50.00

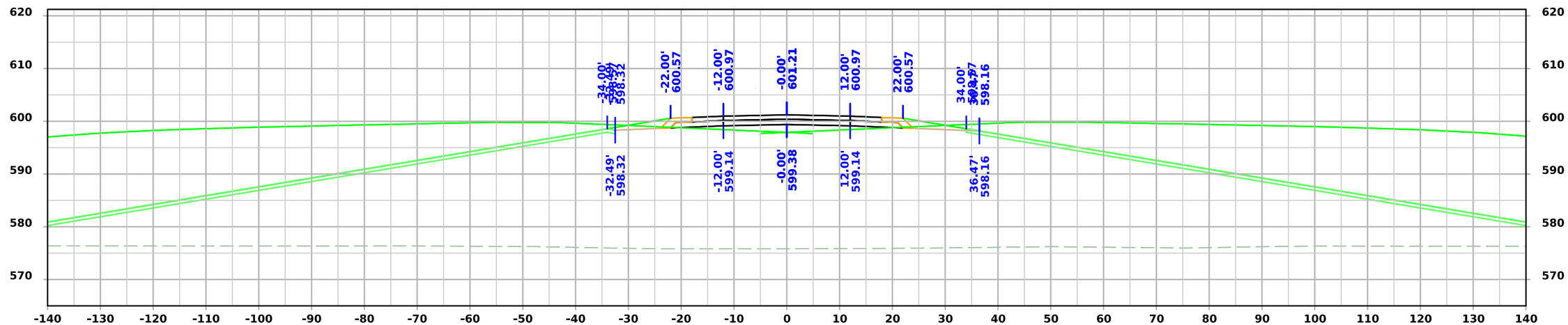


STA 416+00.00

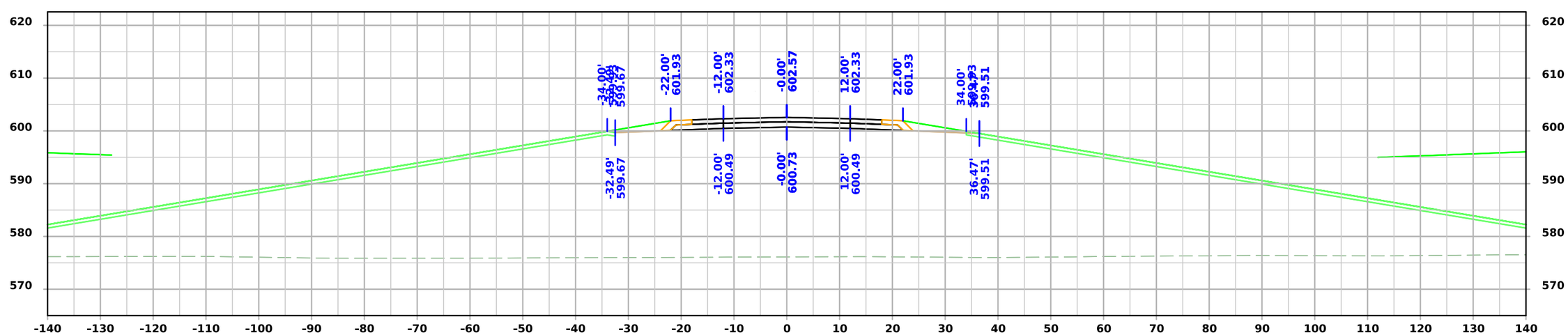
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.614

2:20:55 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



STA 417+50.00

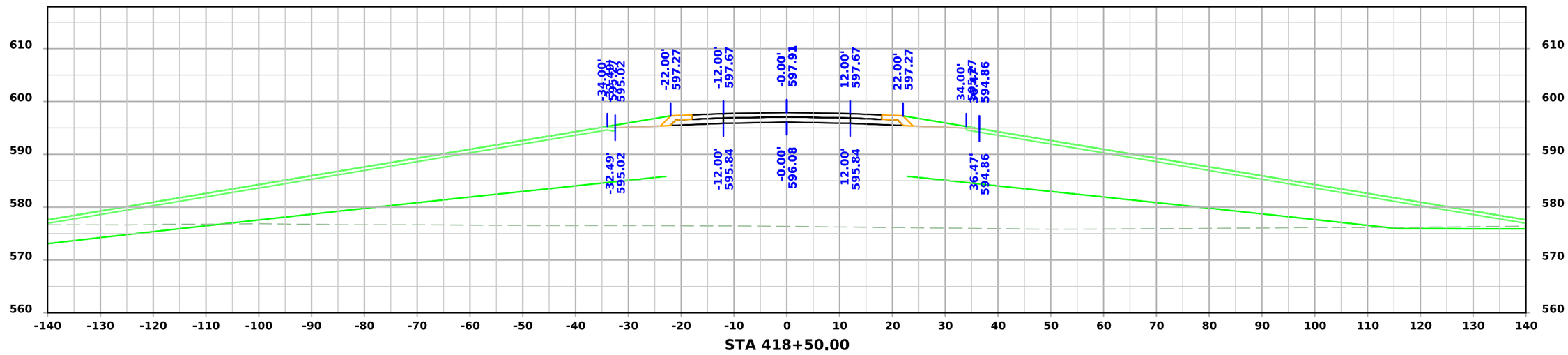


STA 417+00.00

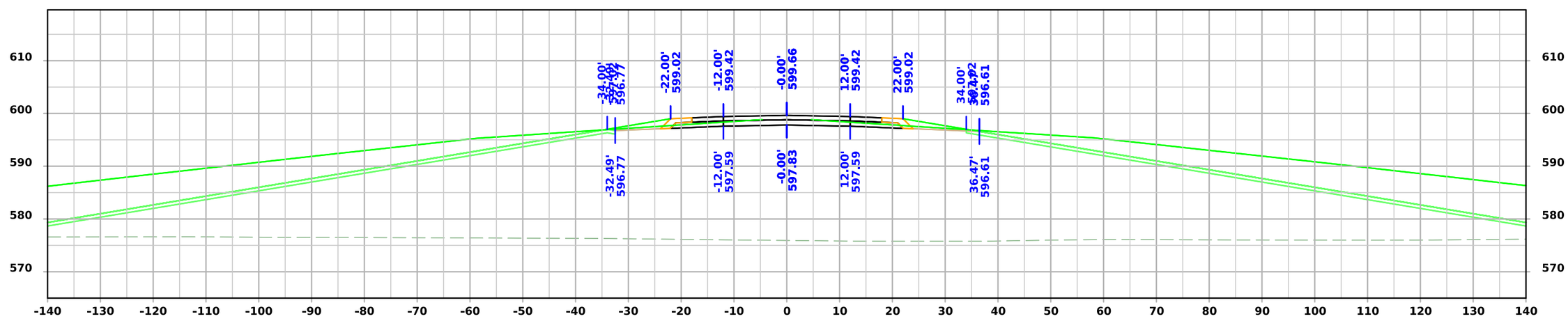
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.615

2:20:57 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



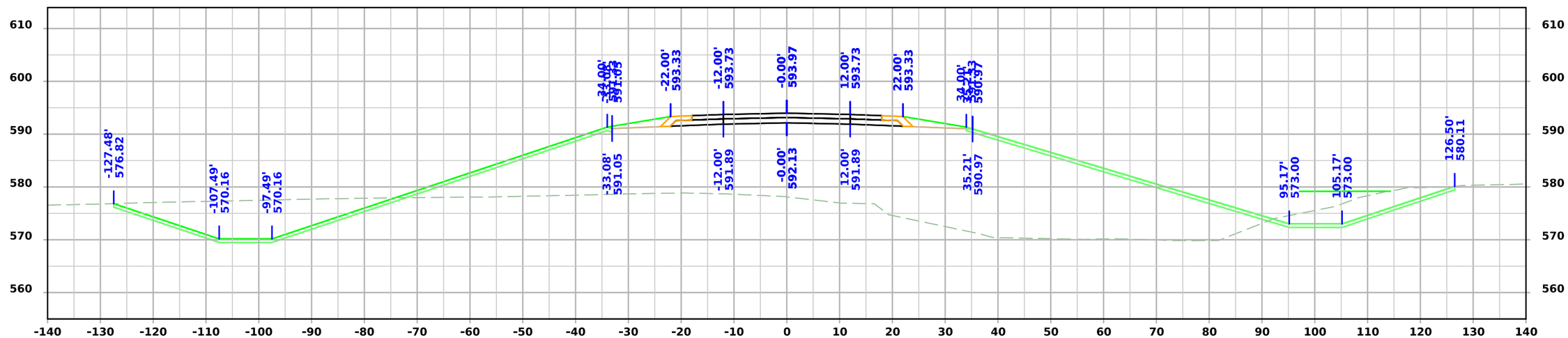
STA 418+50.00



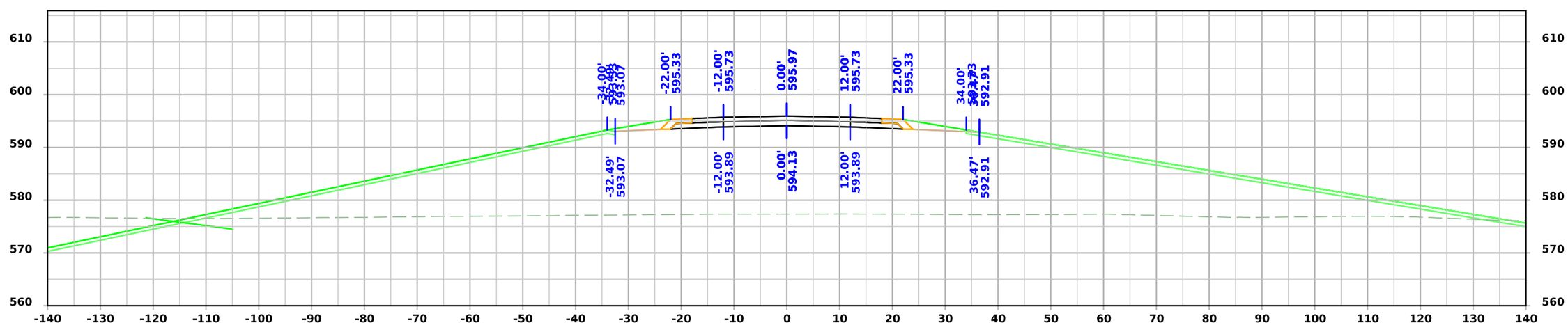
STA 418+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.616

BUS 61



STA 419+50.00

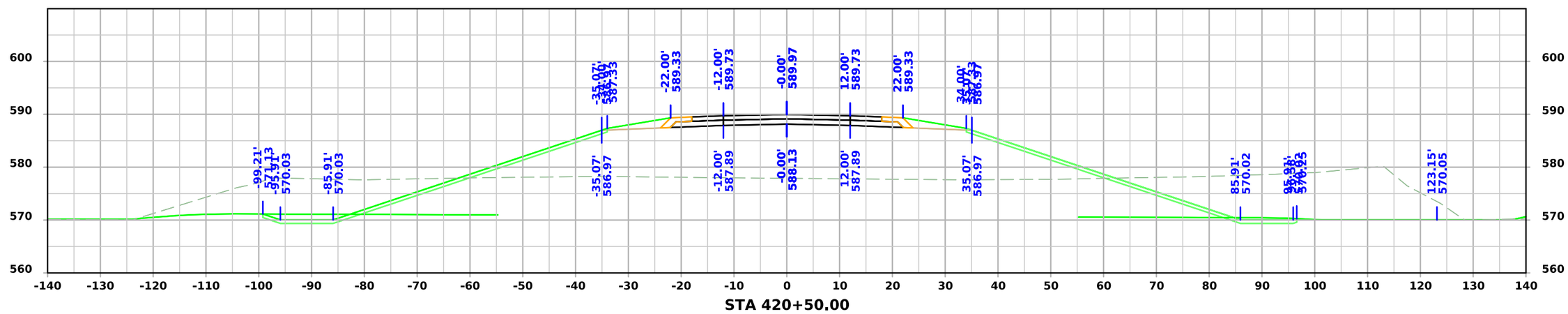


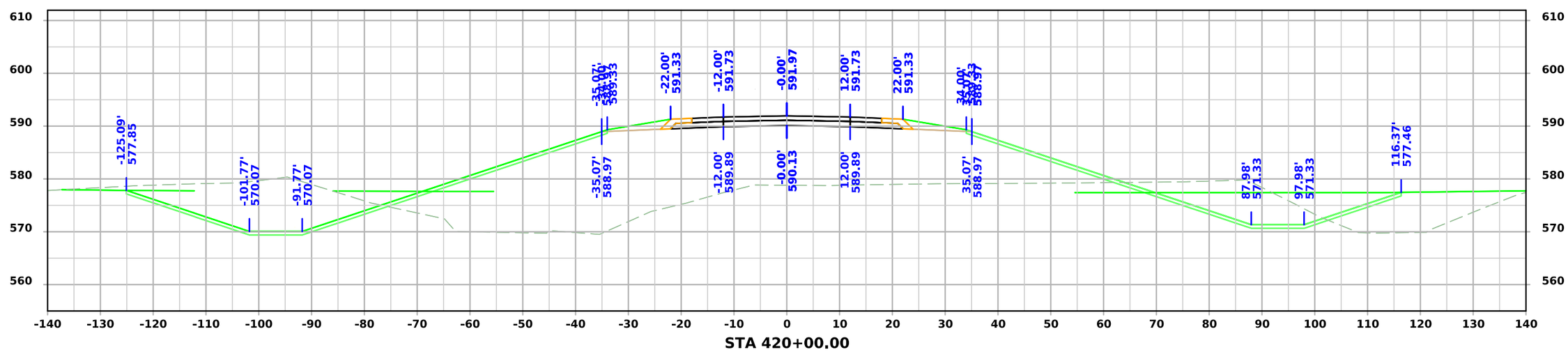
STA 419+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.617

2:21:02 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61

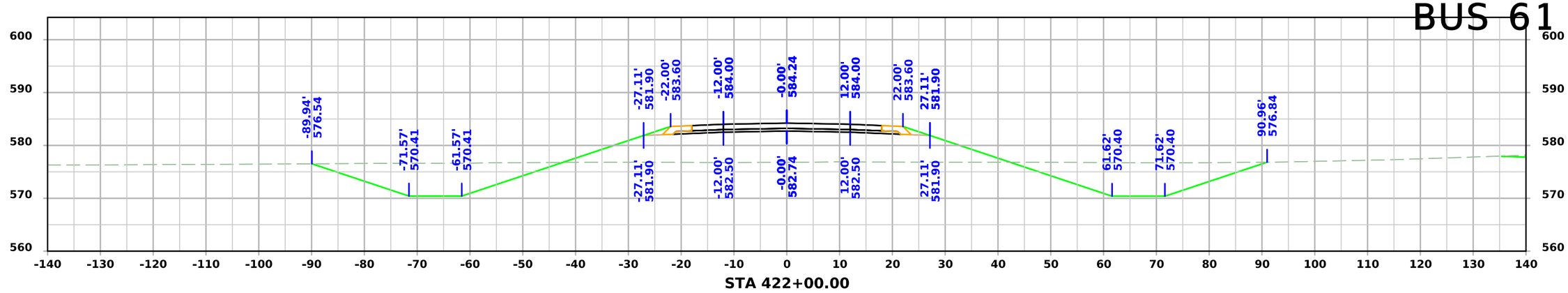




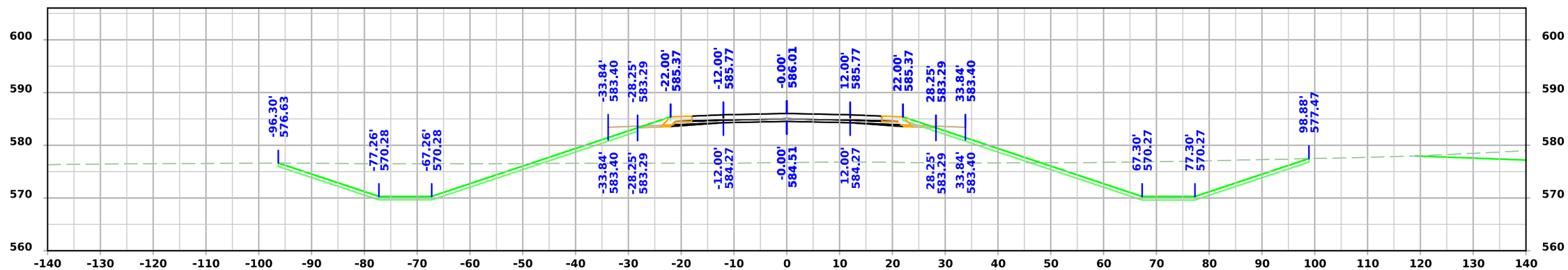
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.618

2:21:04 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

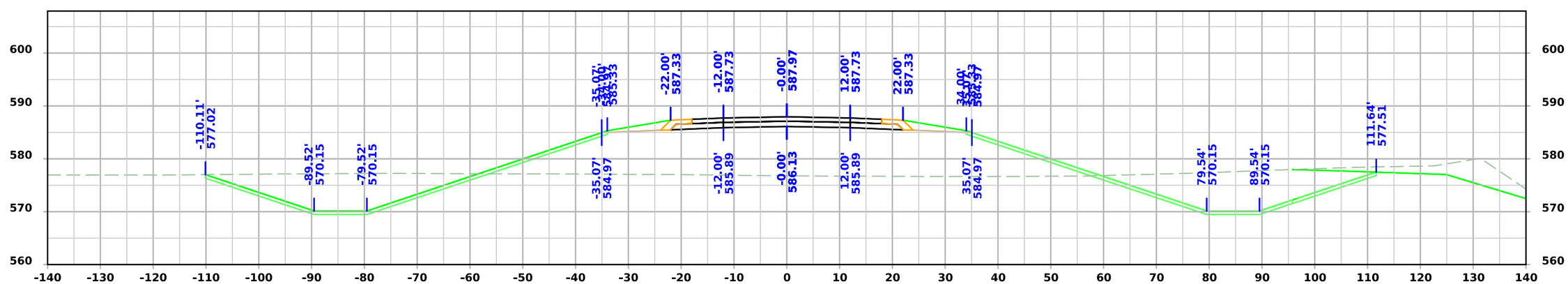
BUS 61



STA 422+00.00



STA 421+50.00

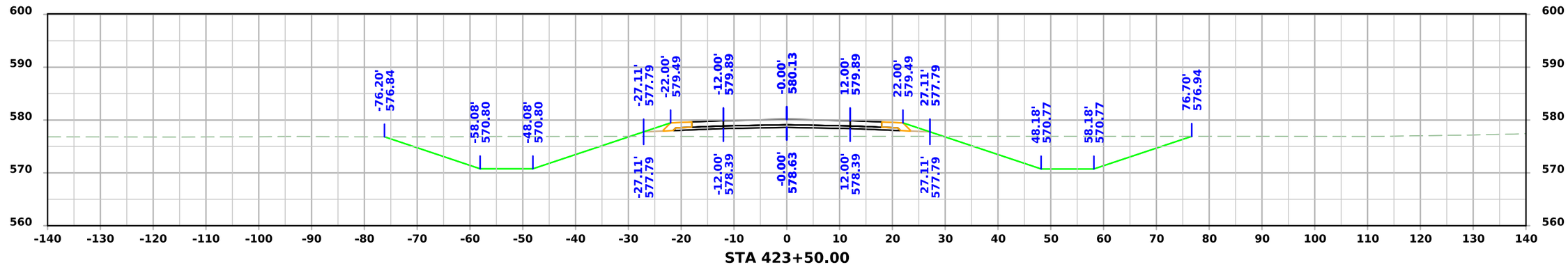


STA 421+00.00

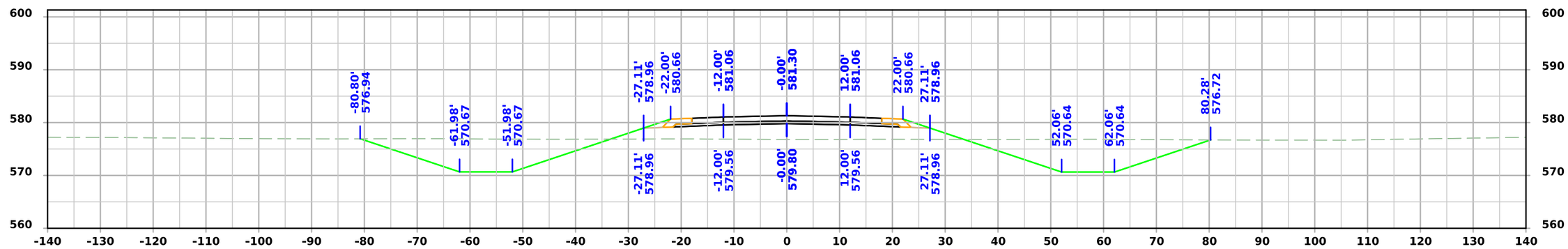
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.619

2:21:07 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

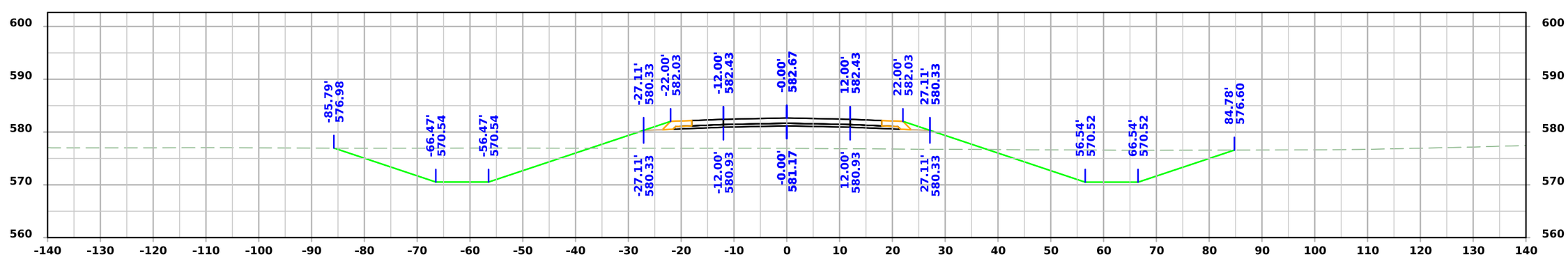
BUS 61



STA 423+50.00



STA 423+00.00

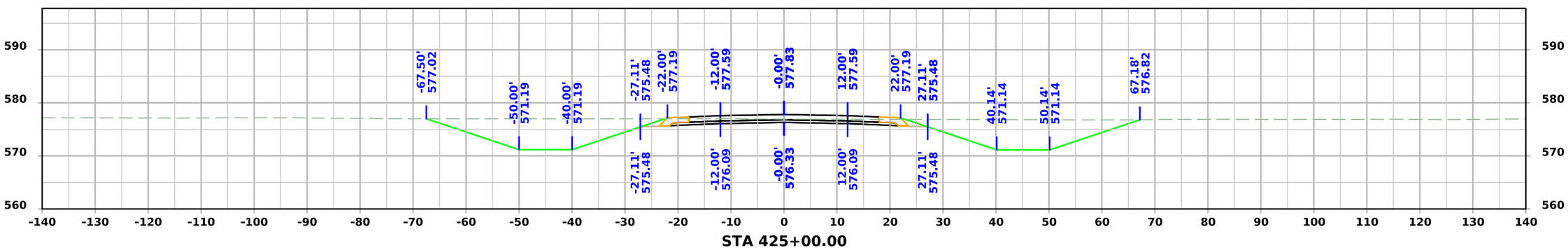


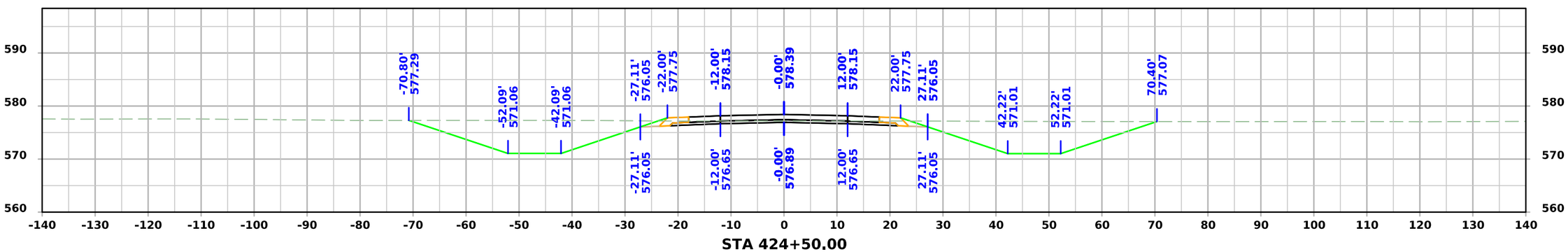
STA 422+50.00

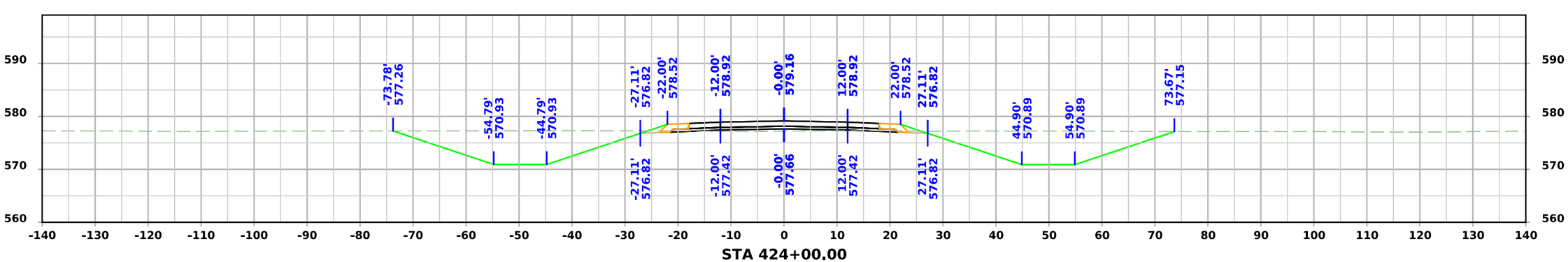
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.620

2:21:11 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



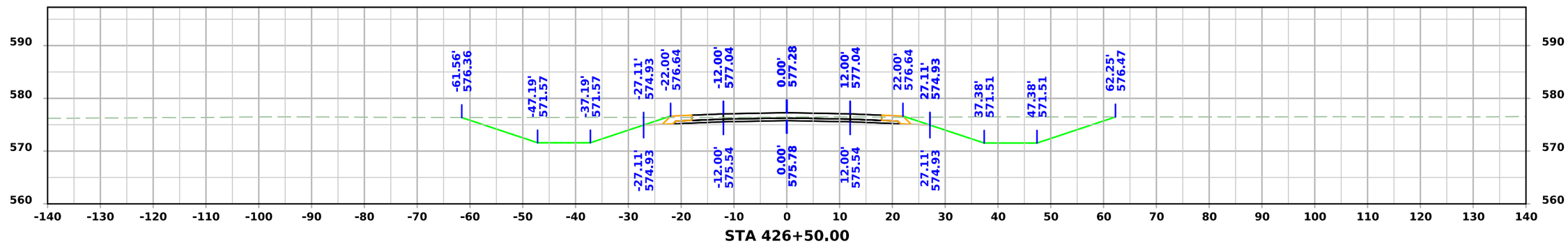




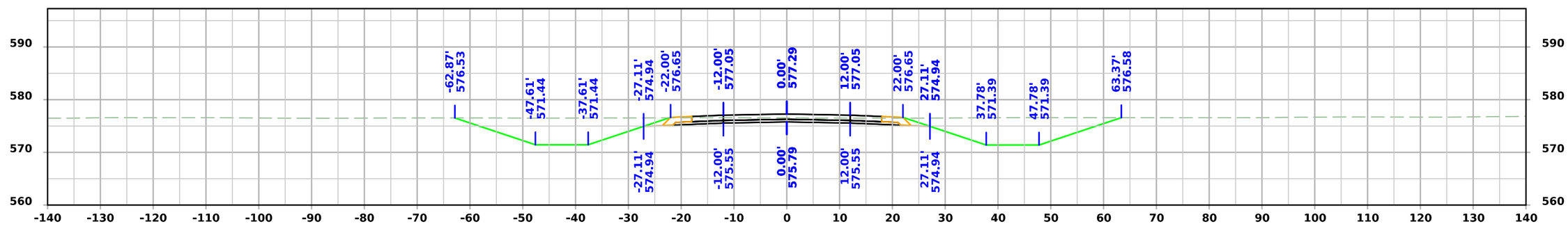
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.621

2:21:13 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

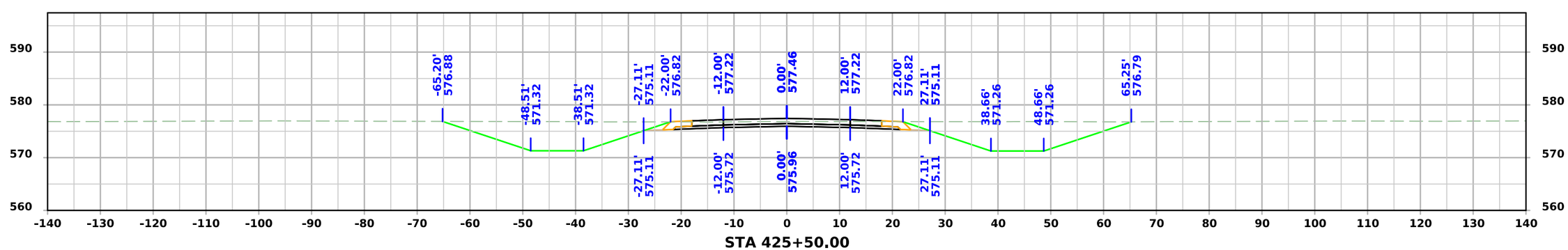
BUS 61



STA 426+50.00



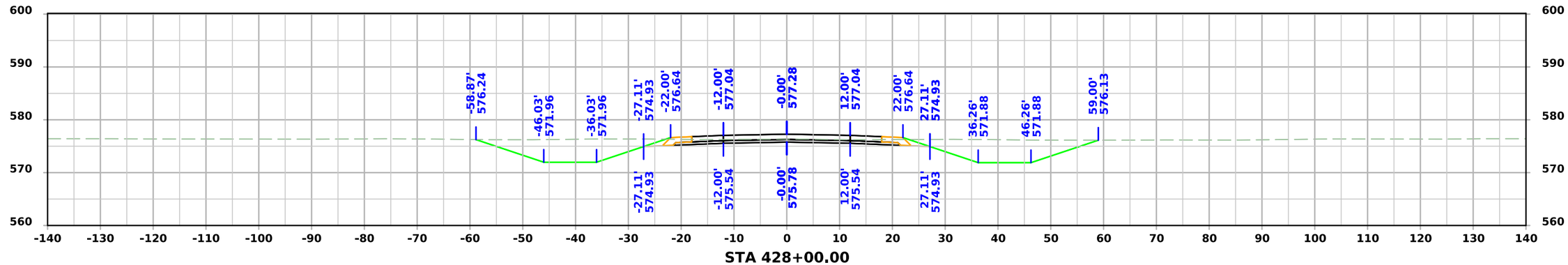
STA 426+00.00



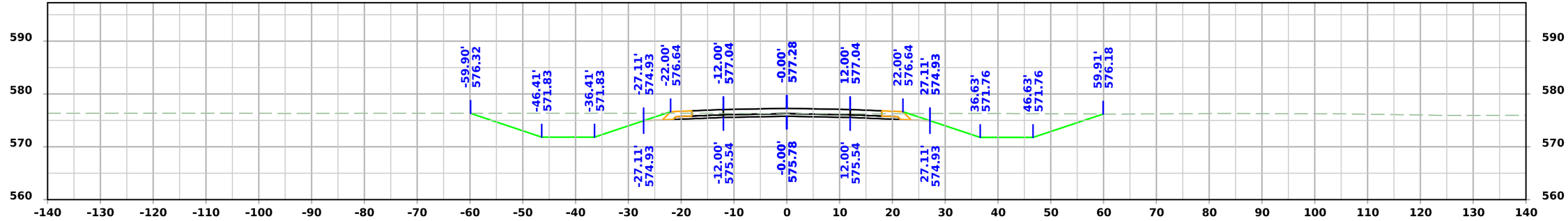
STA 425+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.622

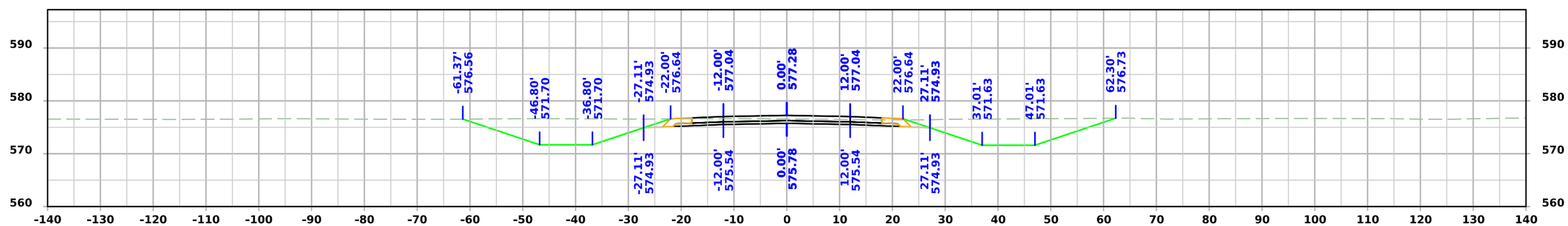
BUS 61



STA 428+00.00



STA 427+50.00

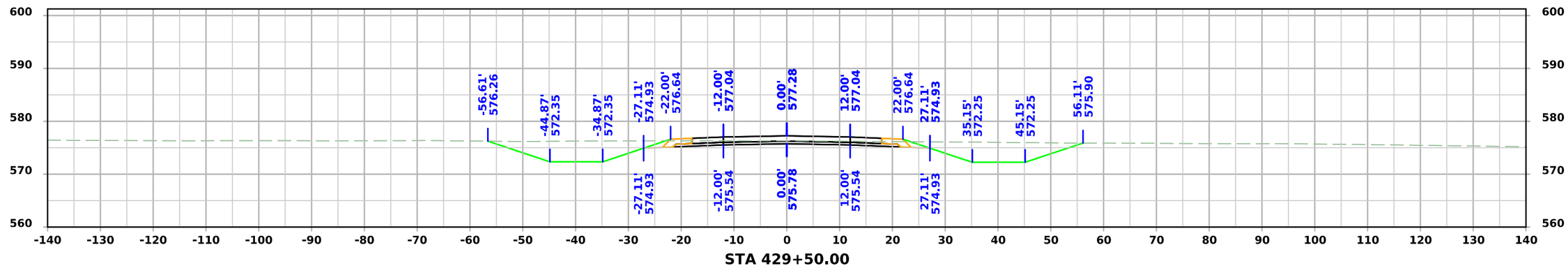


STA 427+00.00

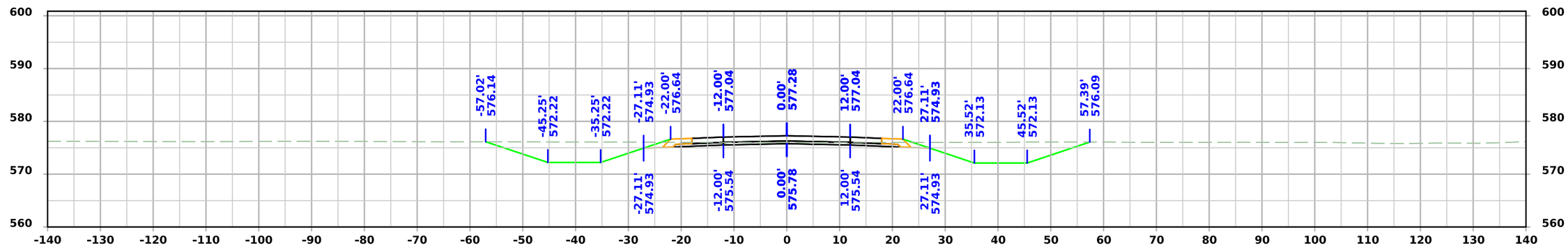
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.623

2:21:18 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

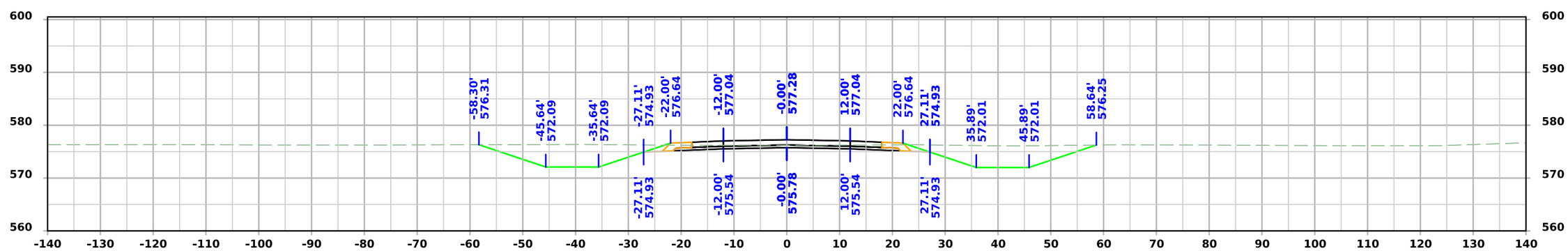
BUS 61



STA 429+50.00



STA 429+00.00

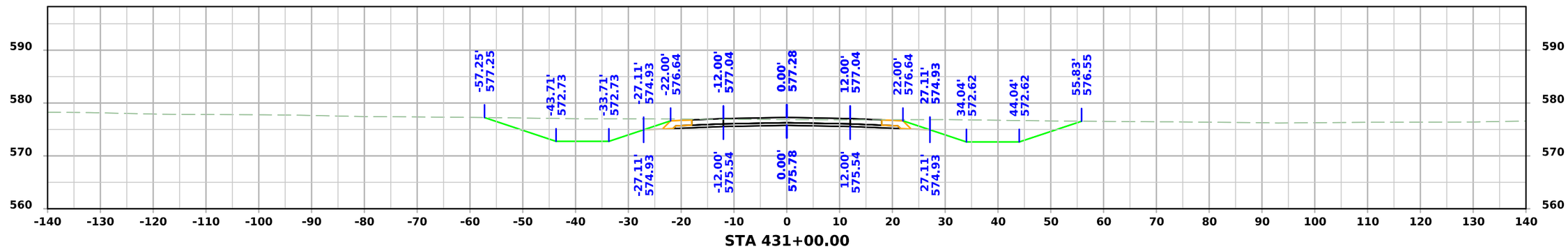


STA 428+50.00

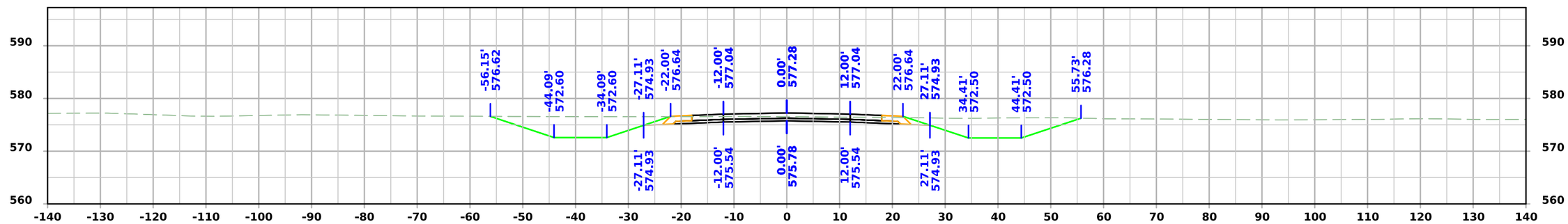
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.624

2:21:21 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

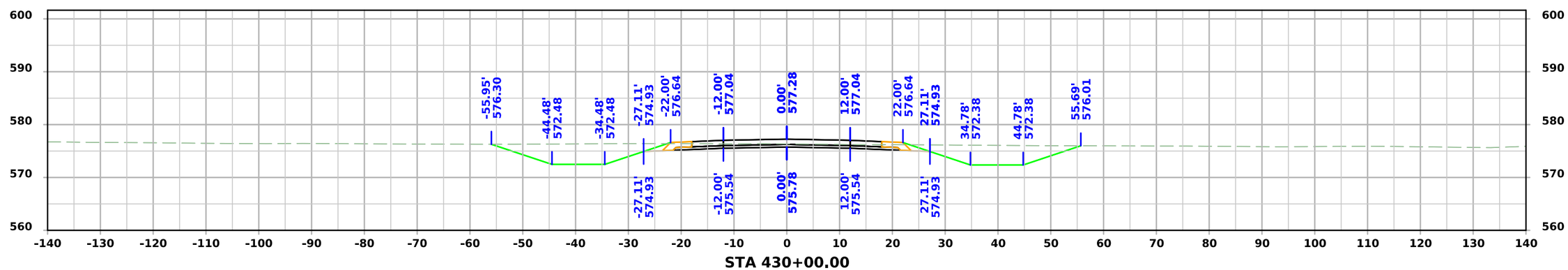
BUS 61



STA 431+00.00



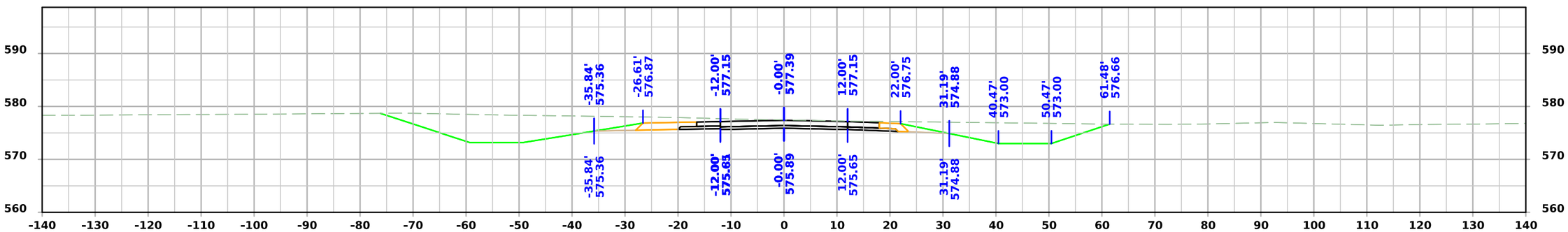
STA 430+50.00



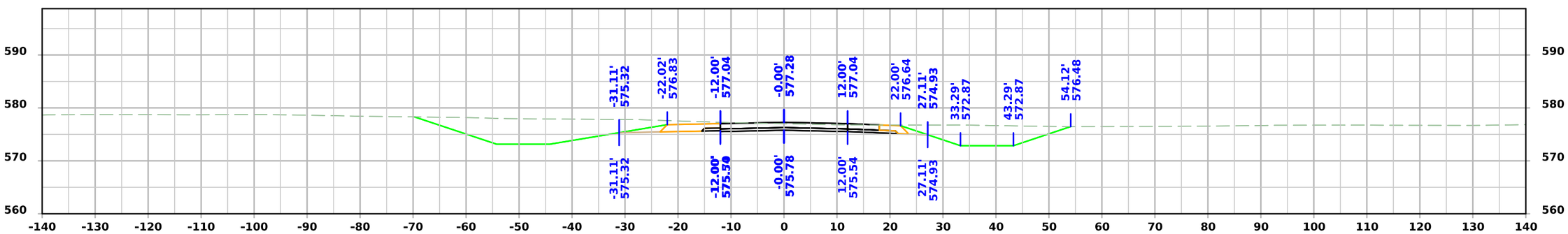
STA 430+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.625

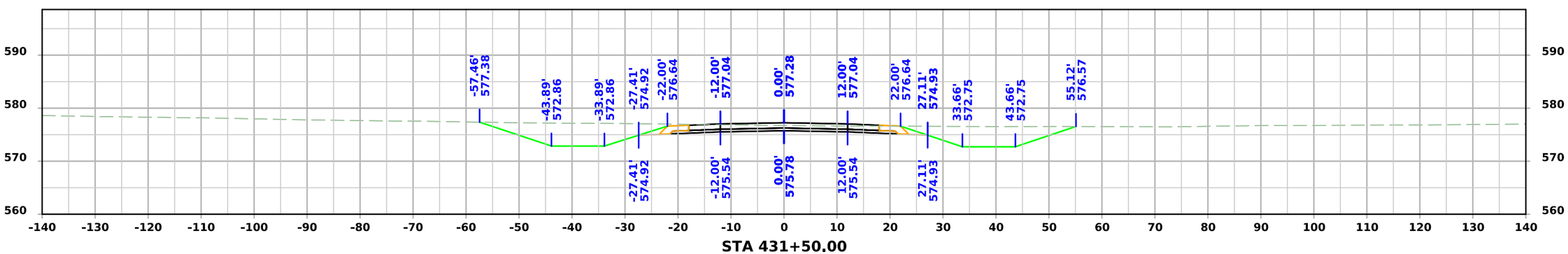
BUS 61



STA 432+50.00



STA 432+00.00

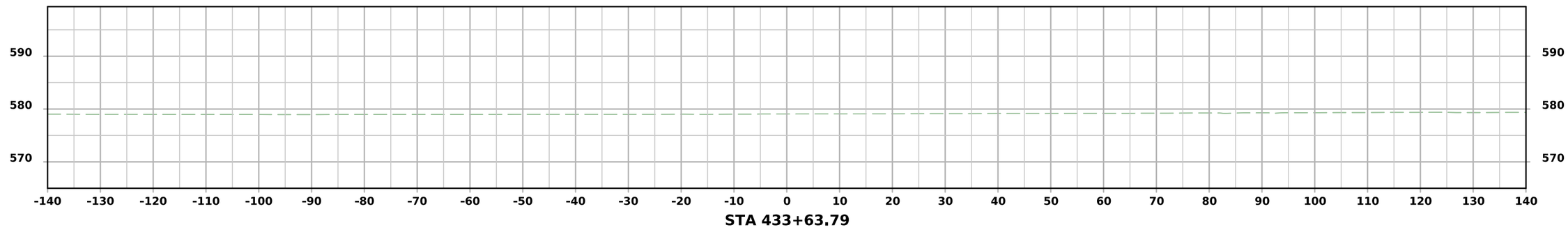


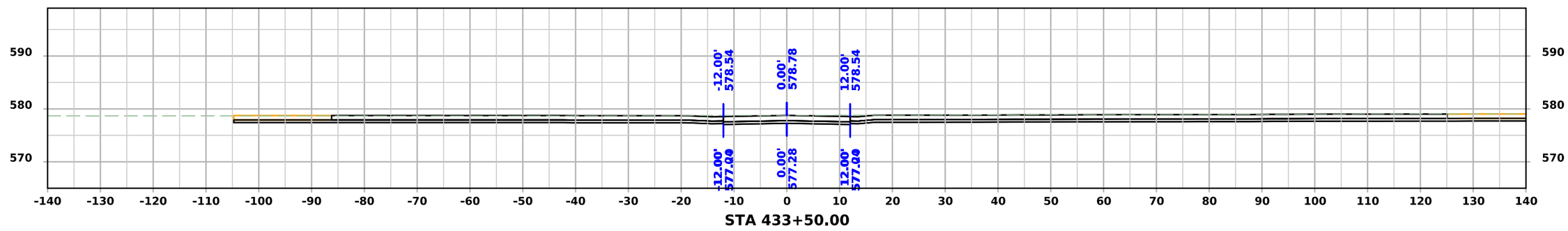
STA 431+50.00

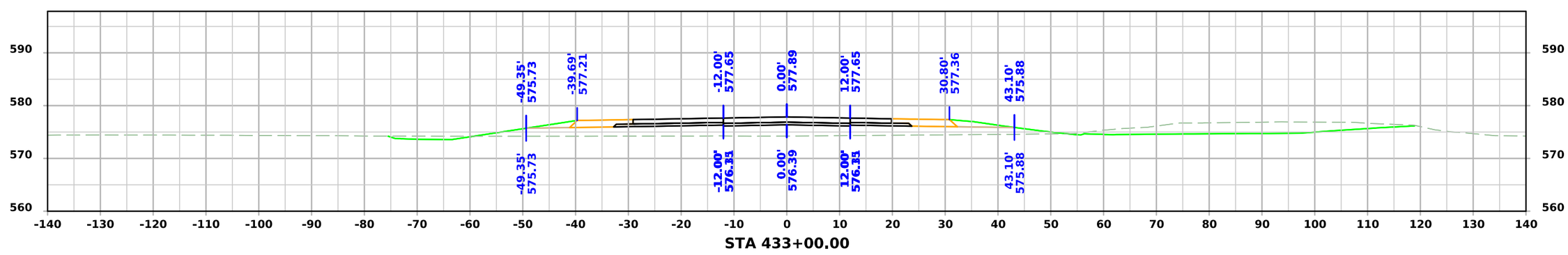
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.626

2:21:26 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

BUS 61



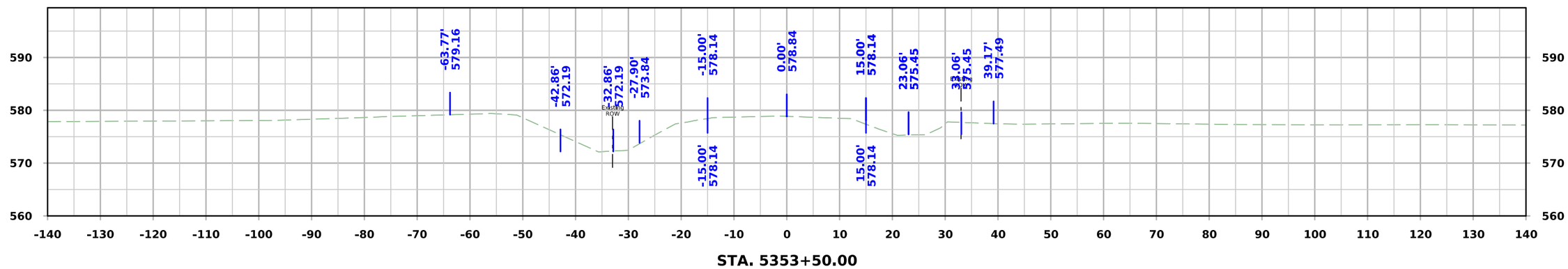




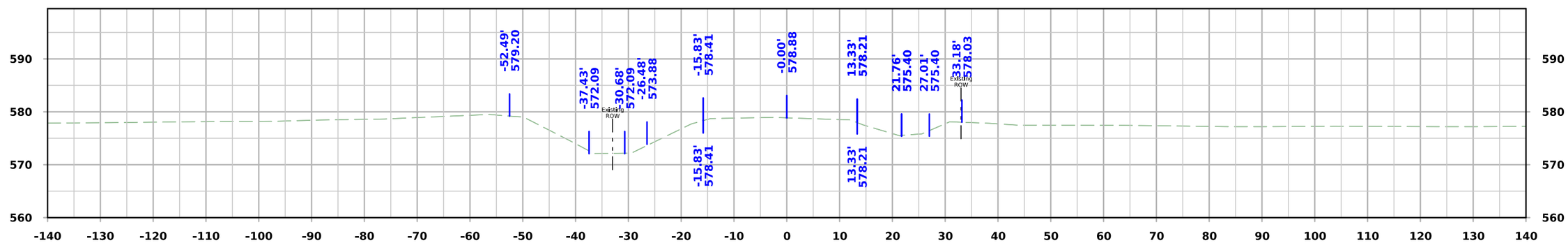
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.627

2:21:29 PM 11/25/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0600_SRBUS61_58061061Z14.dgn

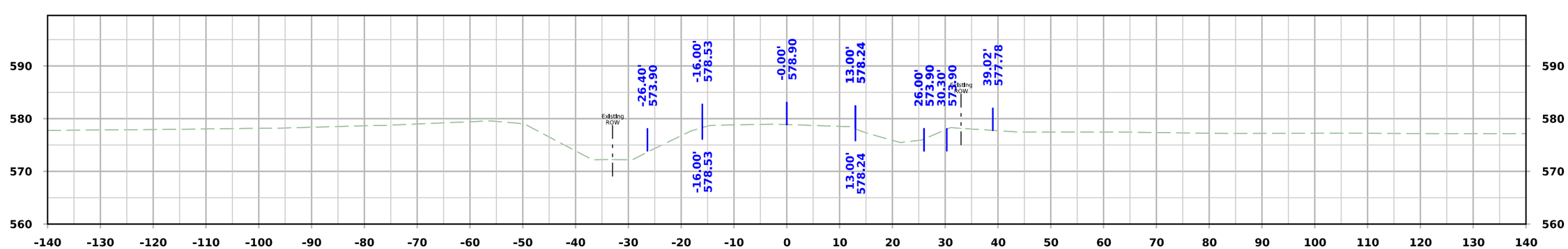
K Ave (Close)



STA. 5353+50.00



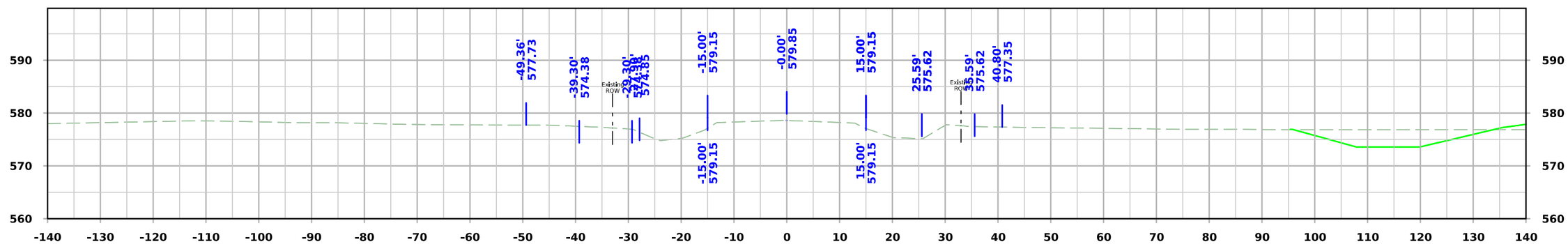
STA. 5353+00.00



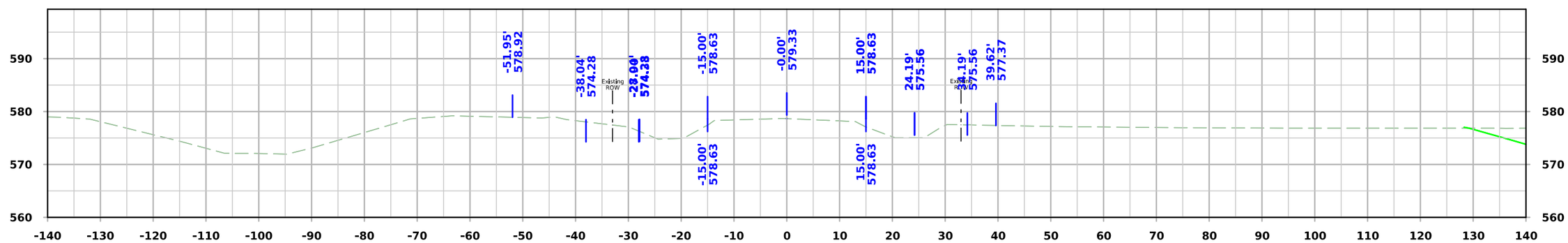
STA. 5352+90.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.700

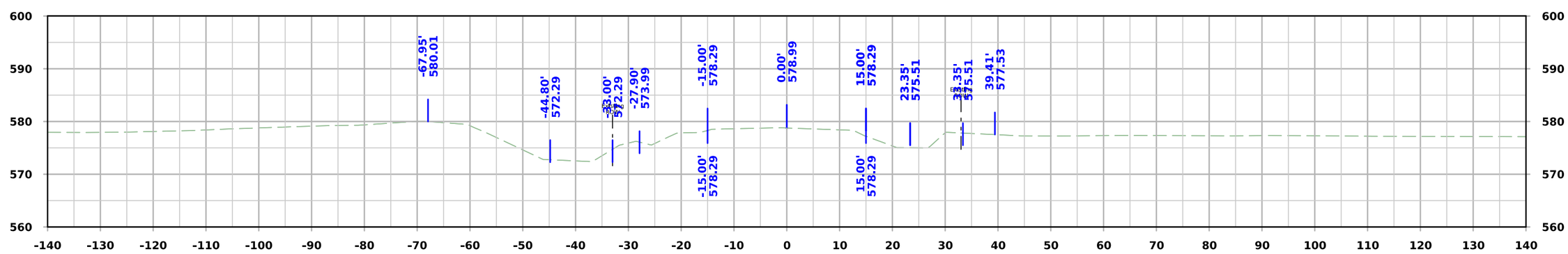
K Ave (Close)



STA. 5355+00.00



STA. 5354+50.00

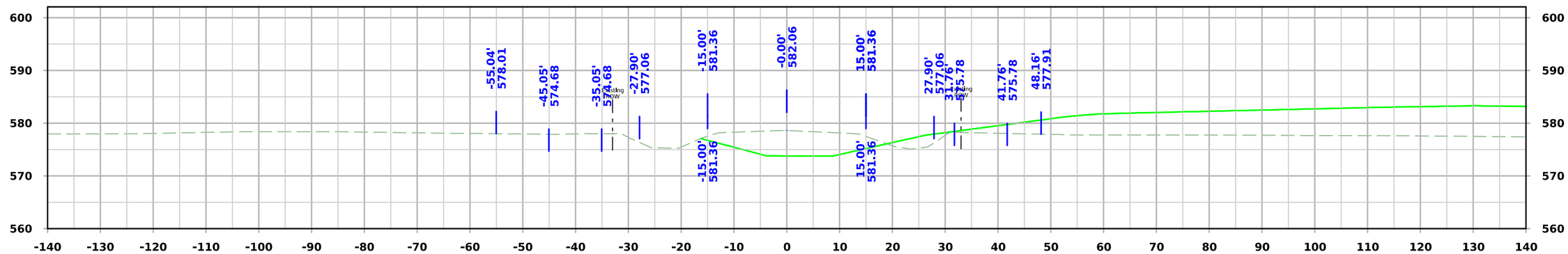


STA. 5354+00.00

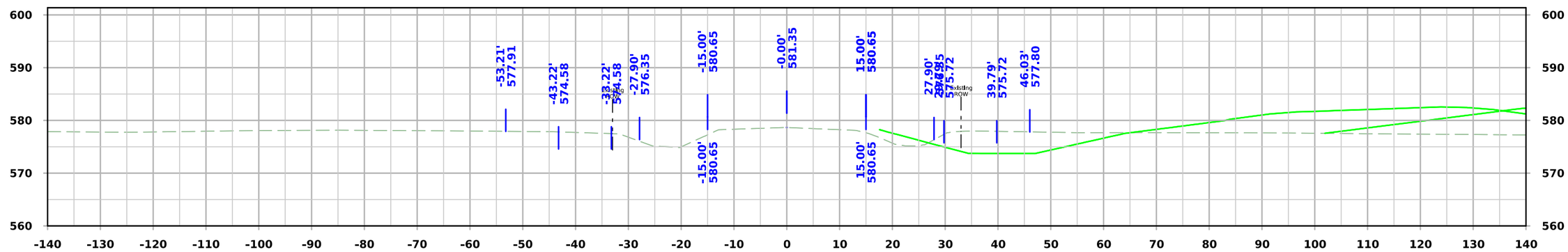
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.701

1:11:34 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0700_SRKAve_58061061Z14.dgn

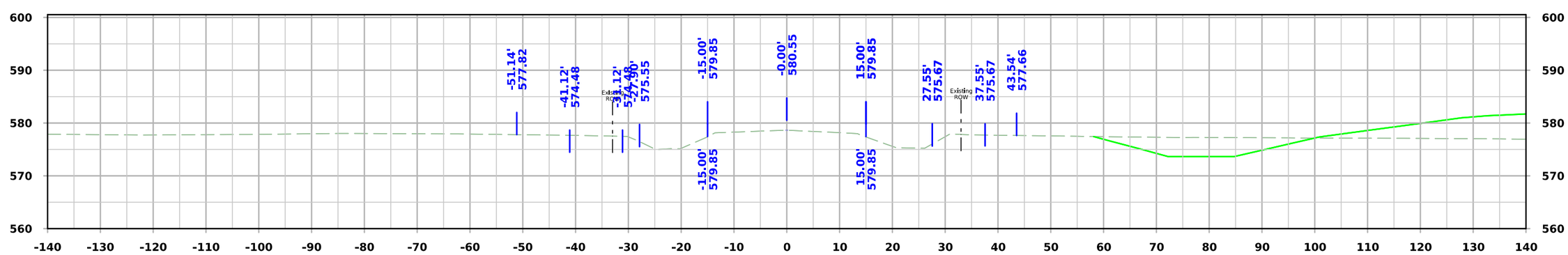
K Ave (Close)



STA. 5356+50.00



STA. 5356+00.00

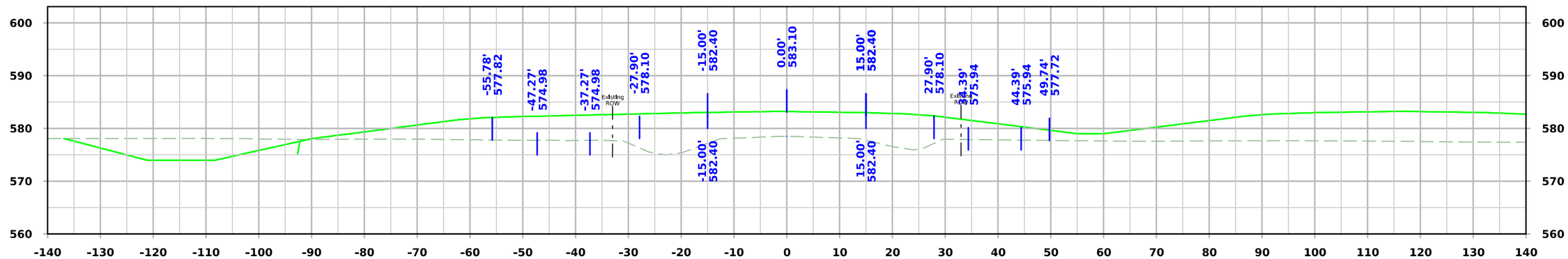


STA. 5355+50.00

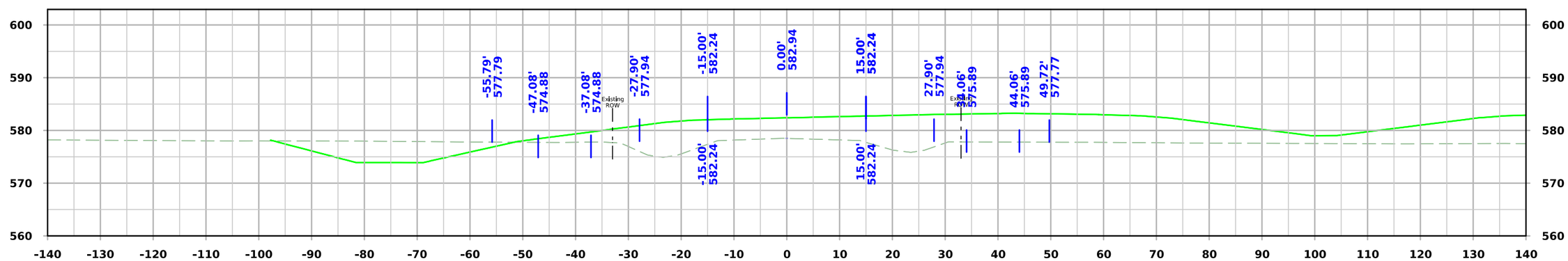
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.702

1:11:41 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0700_SRKAve_58061061Z14.dgn

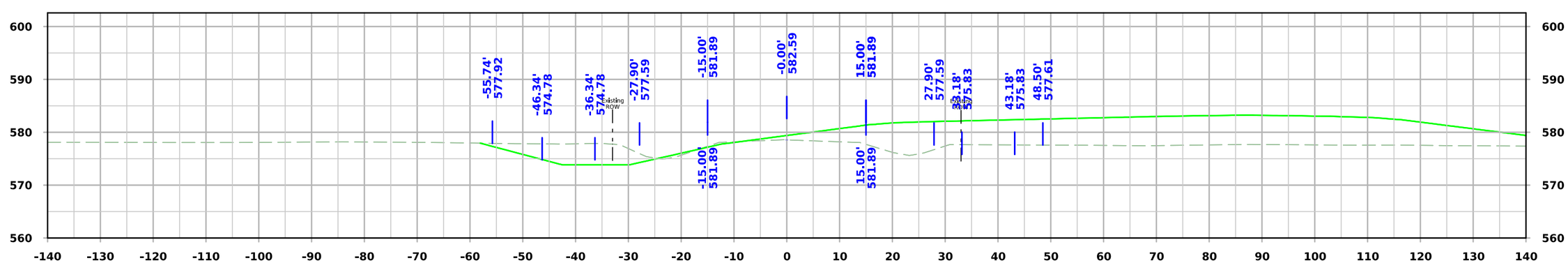
K Ave (Close)



STA. 5358+00.00



STA. 5357+50.00

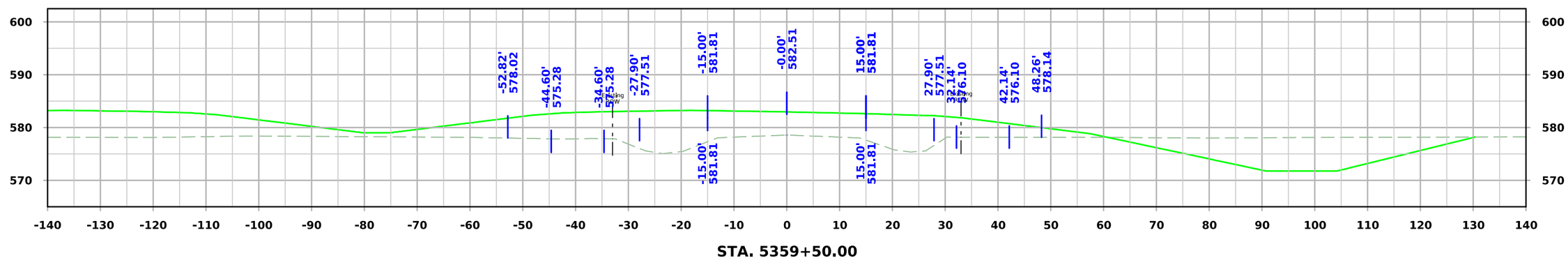


STA. 5357+00.00

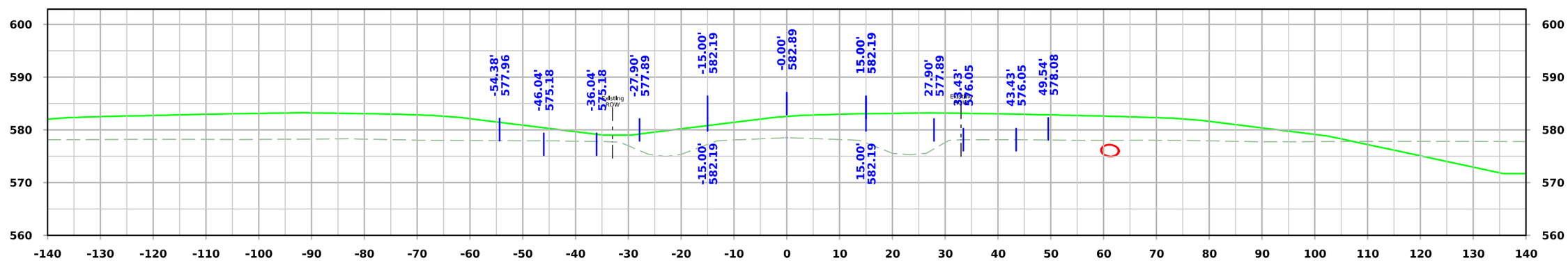
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.703

1:11:47 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0700_SRKAve_58061061Z14.dgn

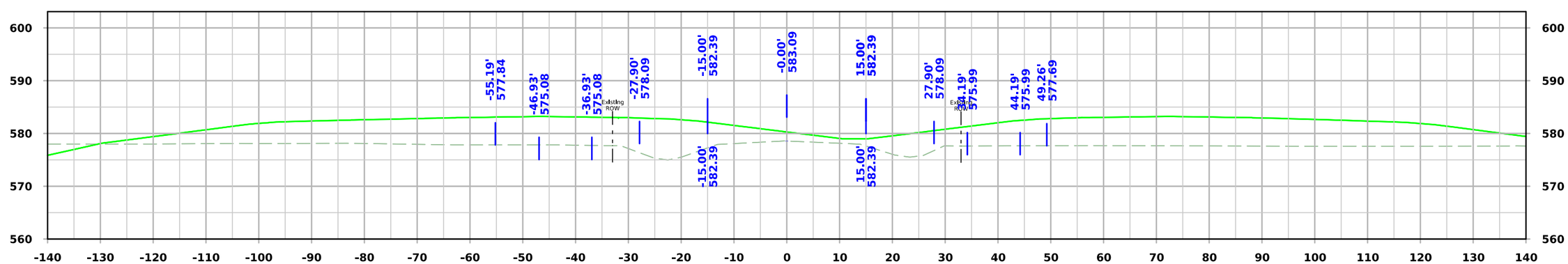
K Ave (Close)



STA. 5359+50.00



STA. 5359+00.00

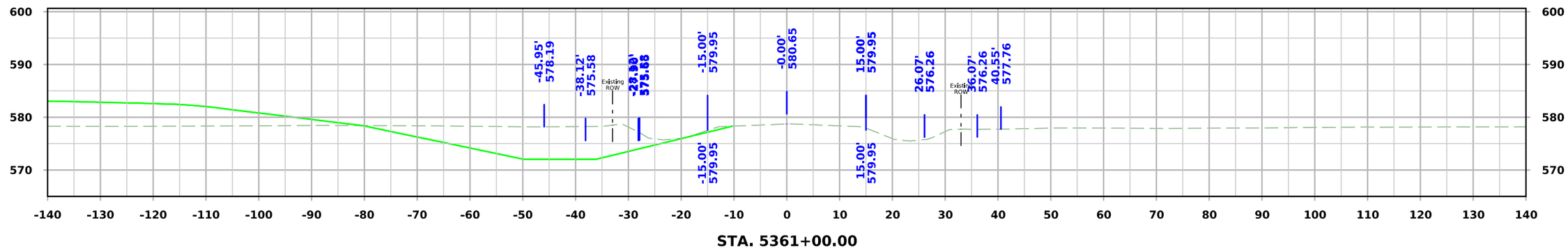


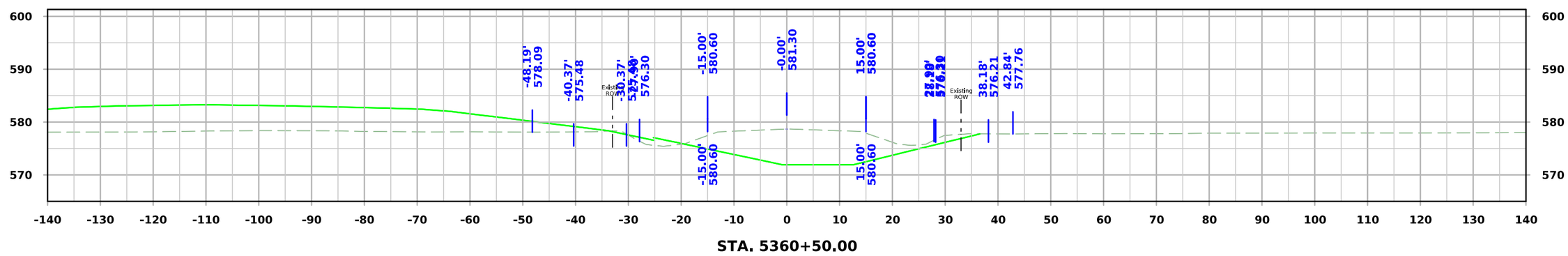
STA. 5358+50.00

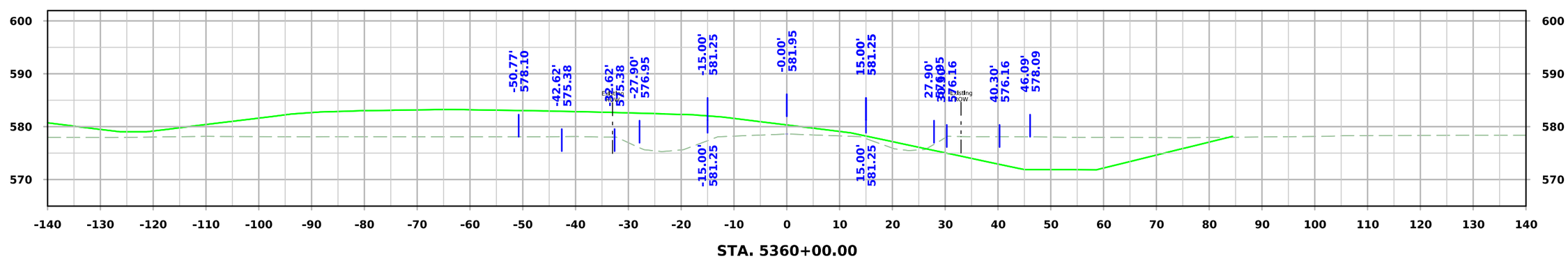
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.704

1:11:54 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0700_SRKAve_58061061Z14.dgn

K Ave (Close)



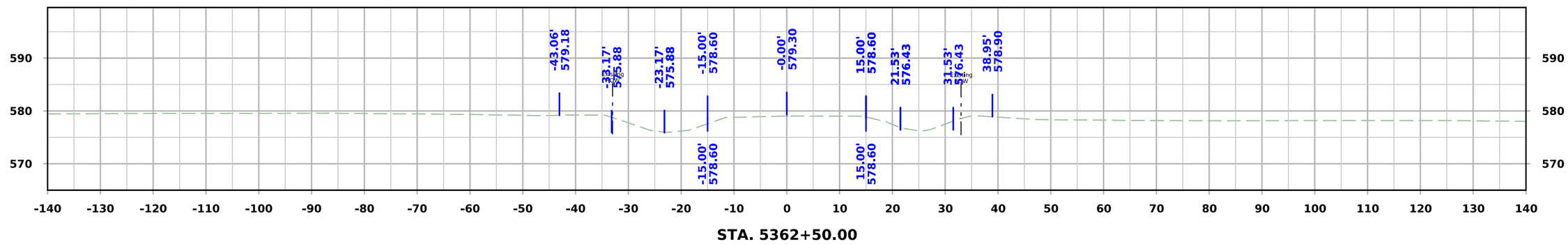




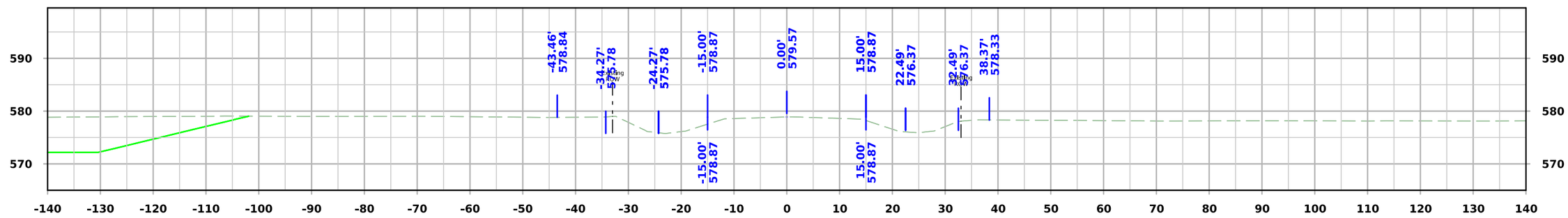
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.705

1:12:01 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0700_SRKAve_58061061Z14.dgn

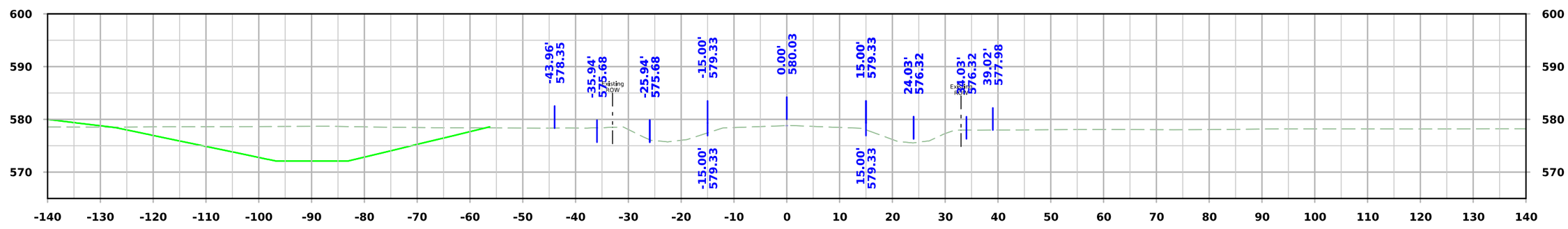
K Ave (Close)



STA. 5362+50.00



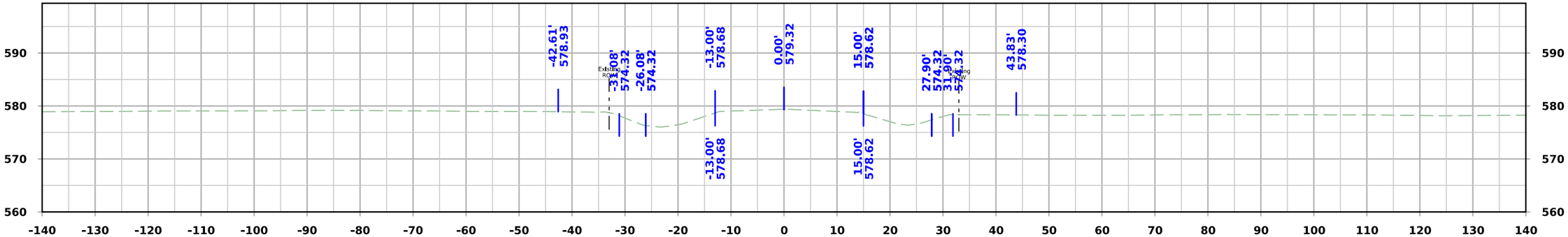
STA. 5362+00.00



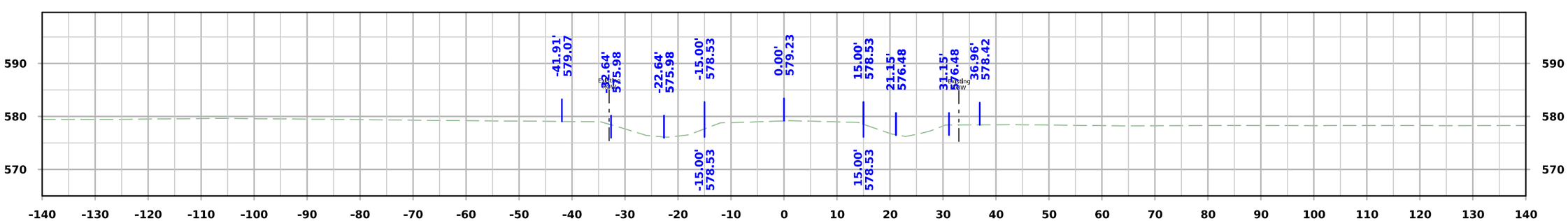
STA. 5361+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.706

K Ave (Close)



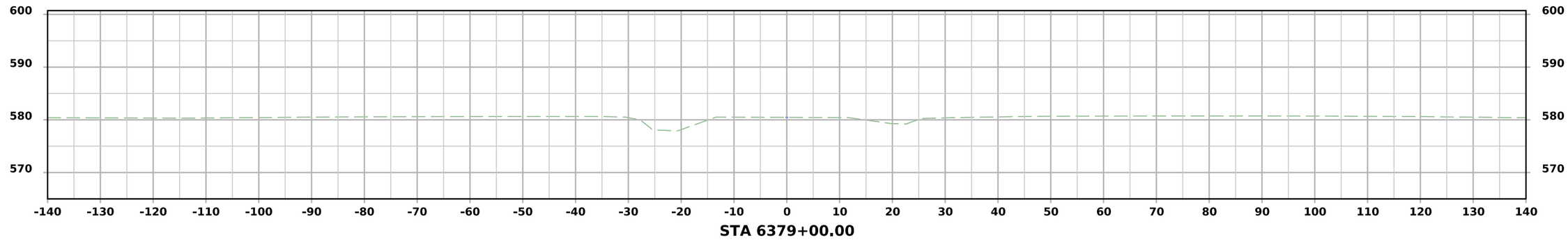
STA. 5363+50.00

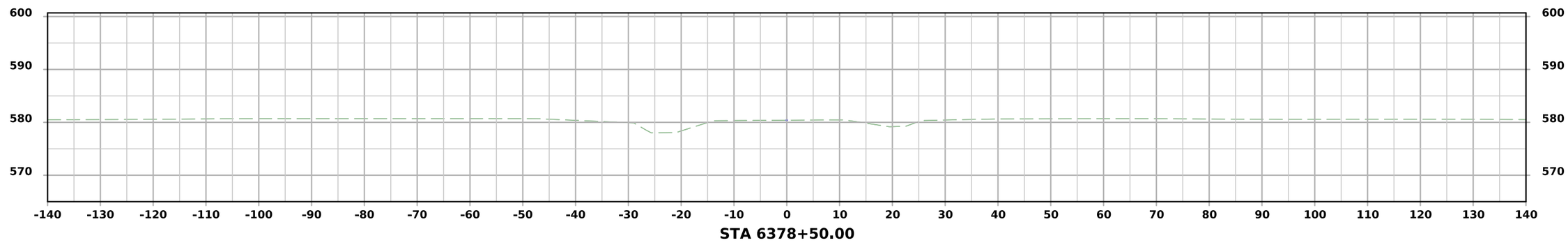


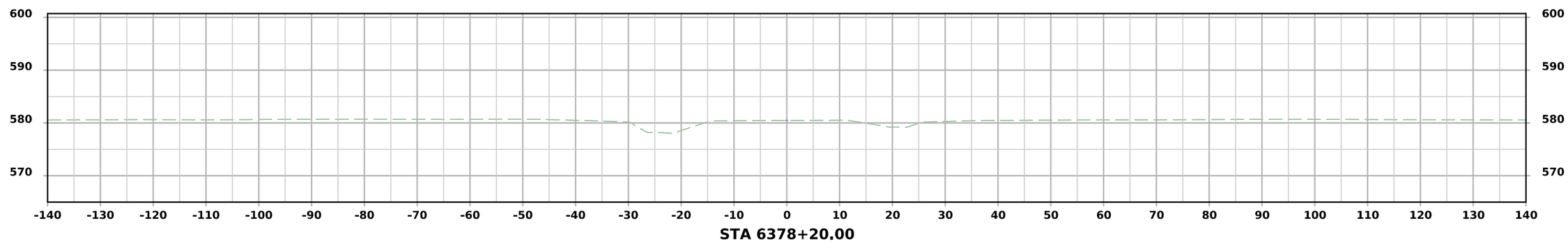
STA. 5363+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.707

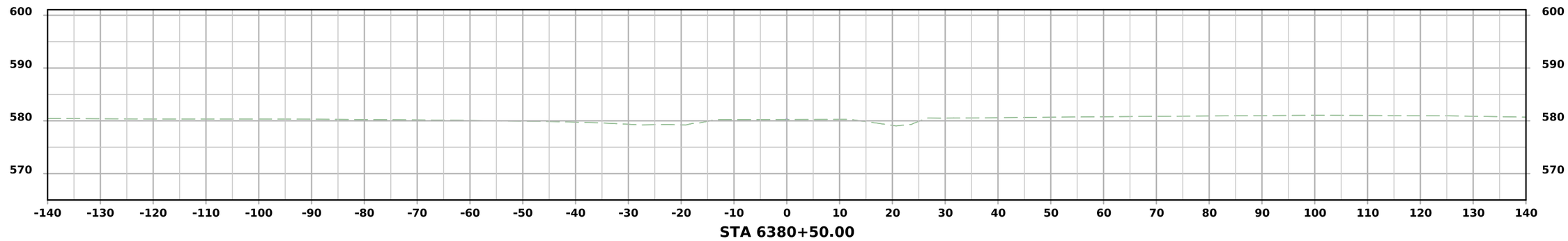
70th St (Close)

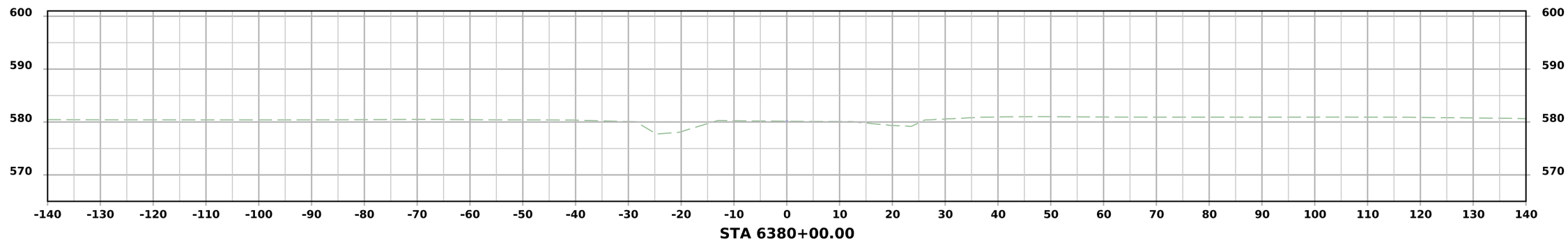


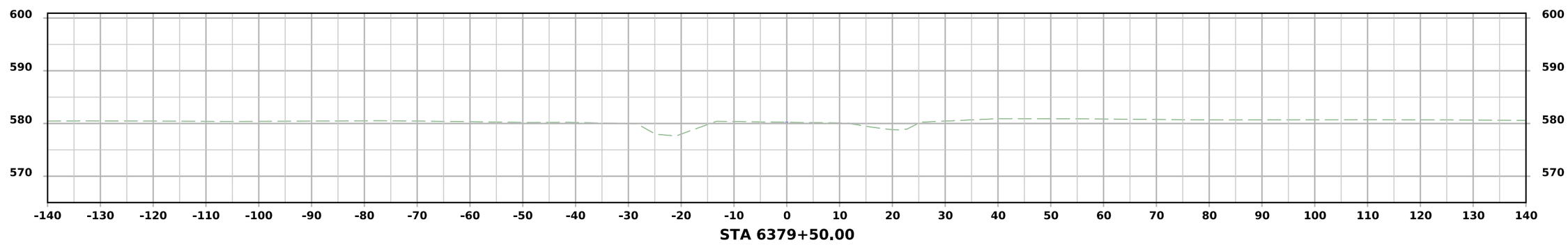




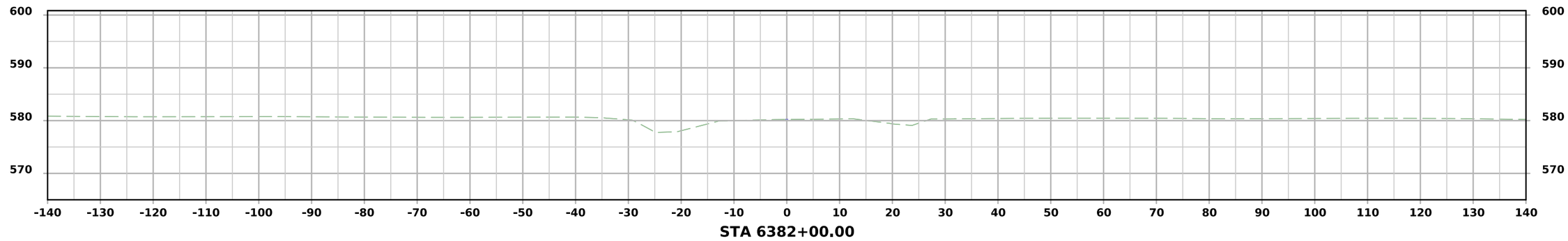
70th St (Close)

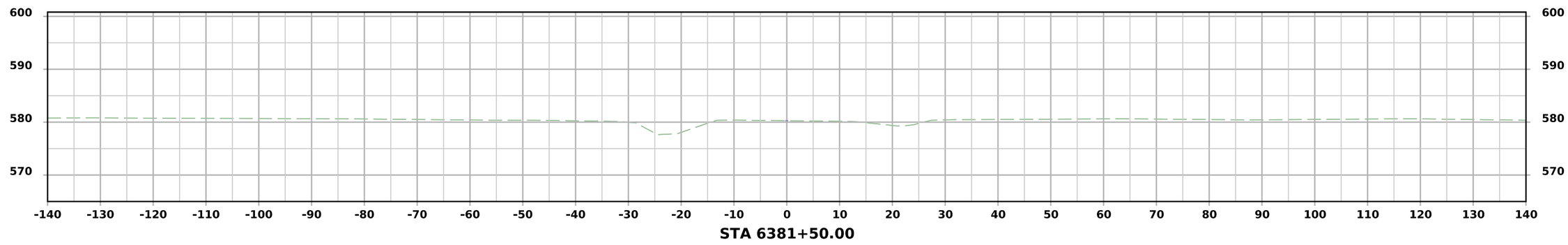


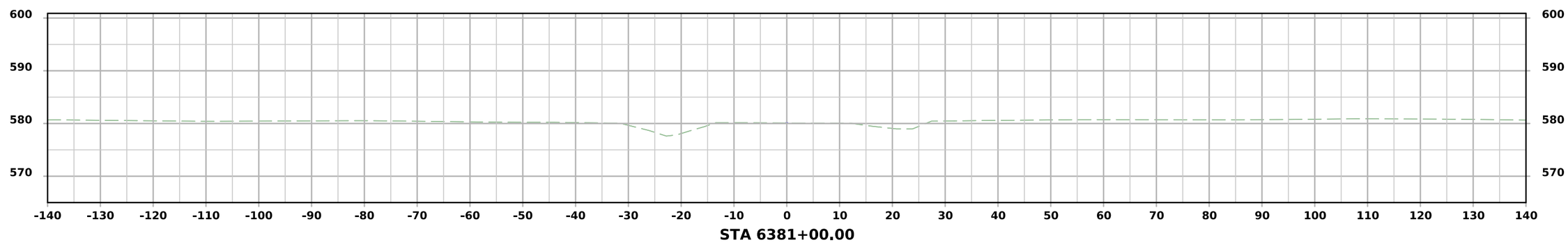




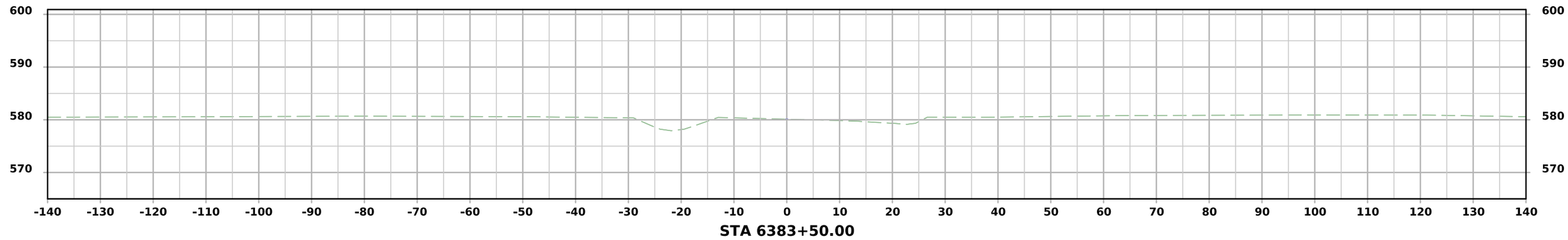
70th St (Close)

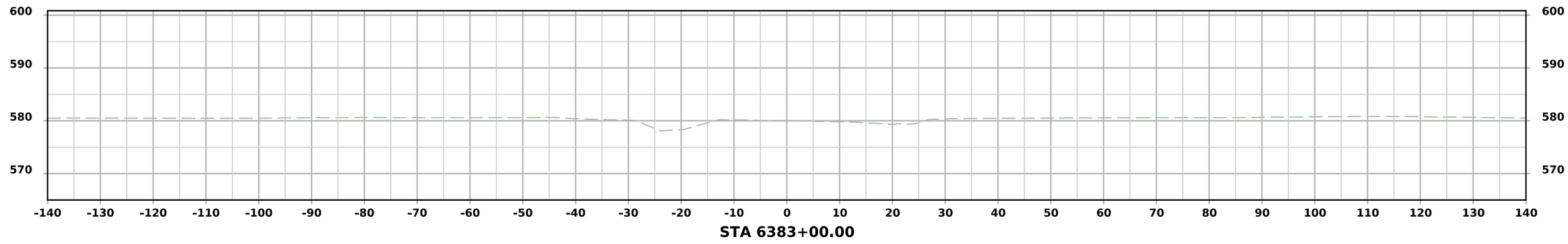


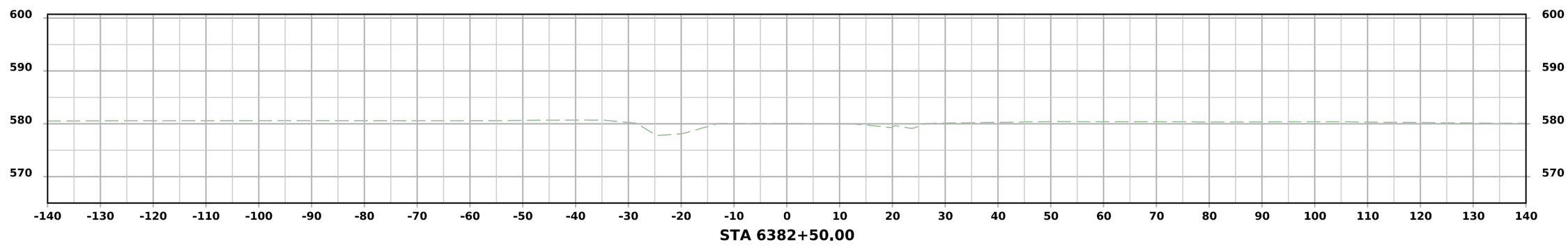




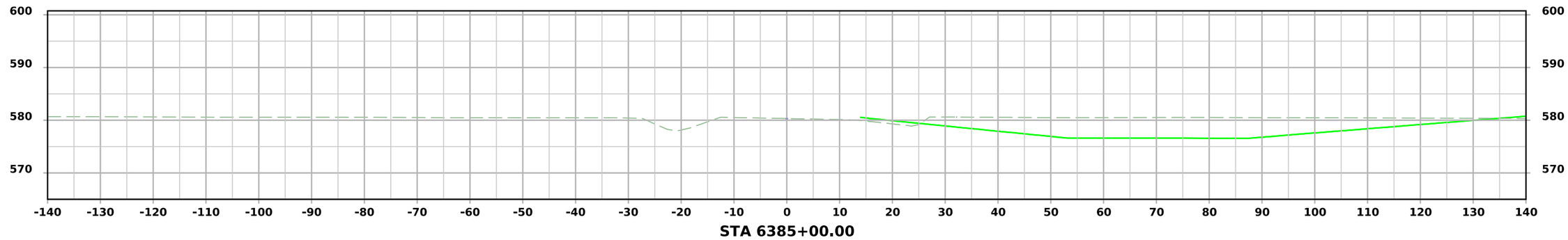
70th St (Close)

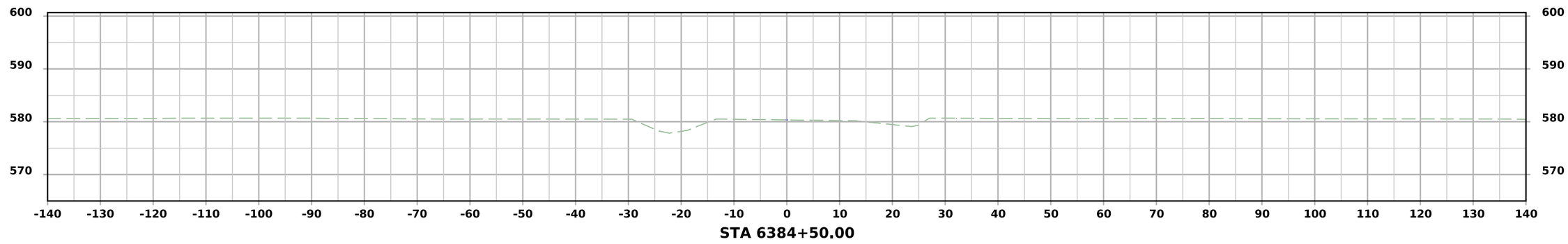


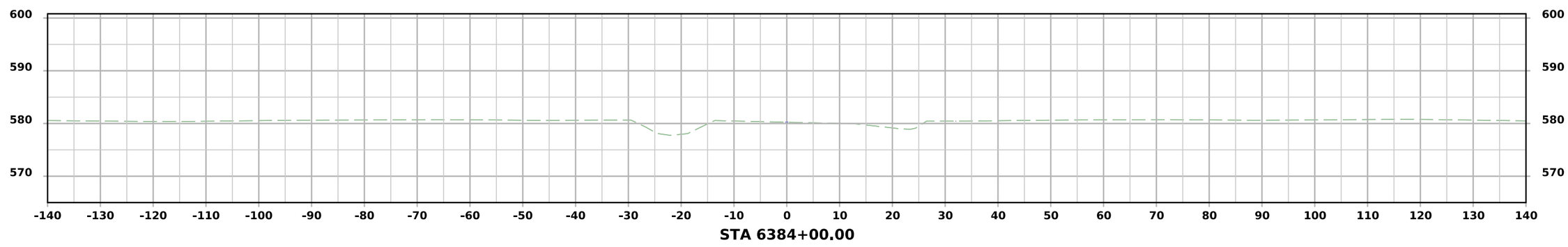




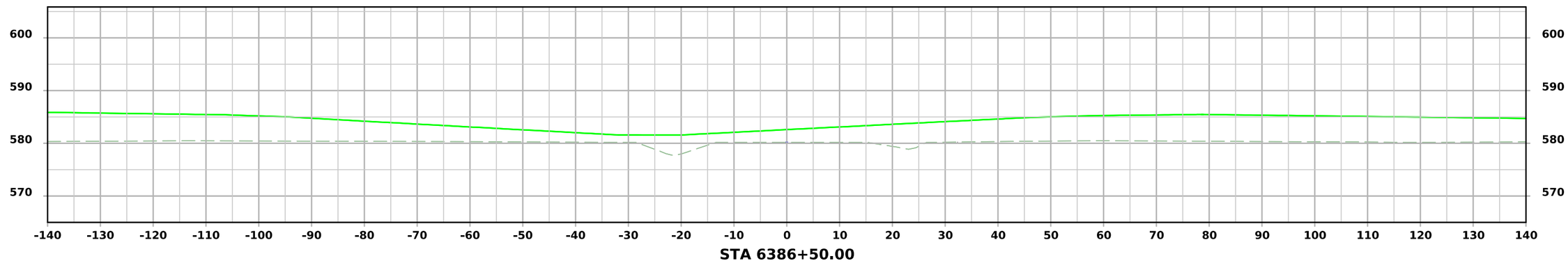
70th St (Close)

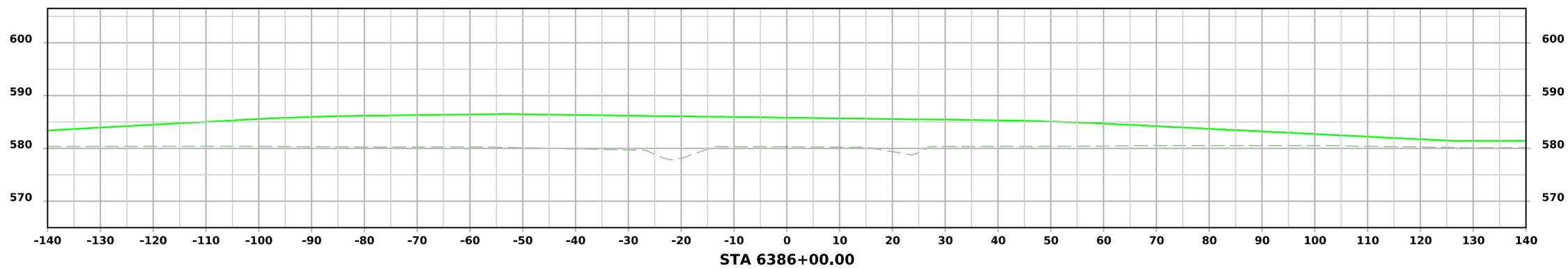


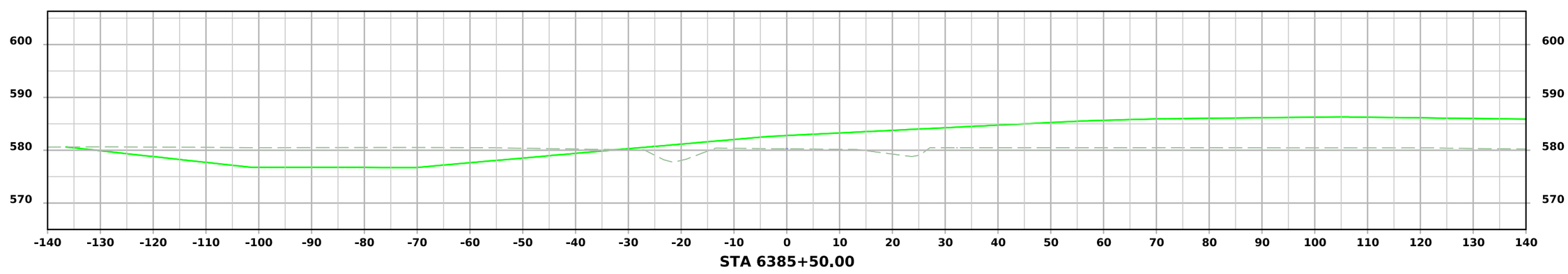




70th St (Close)



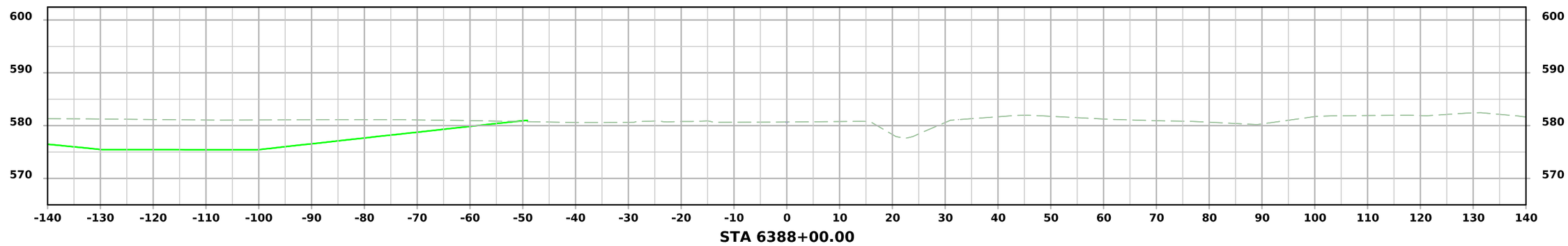


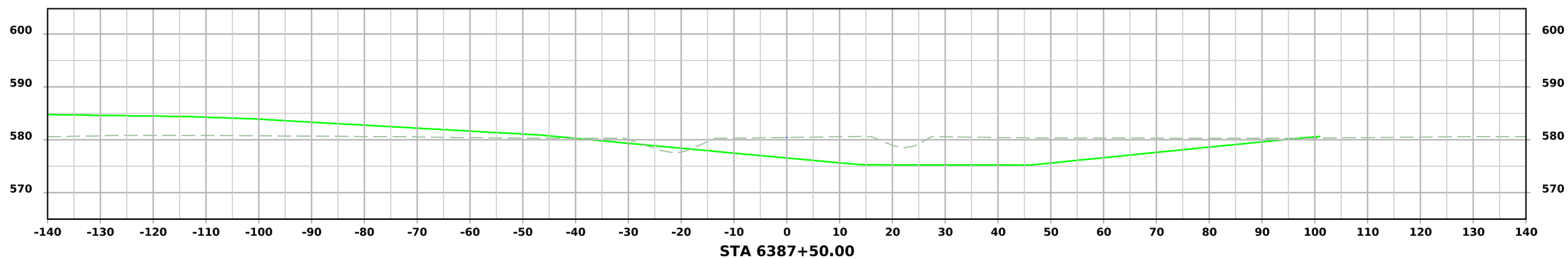


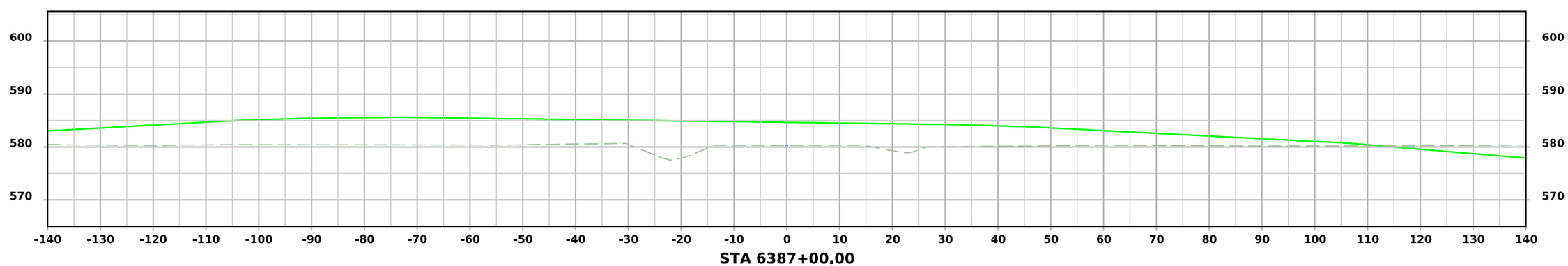
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.805

1:12:31 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0800_SR70_58061061Z14.dgn

70th St (Close)



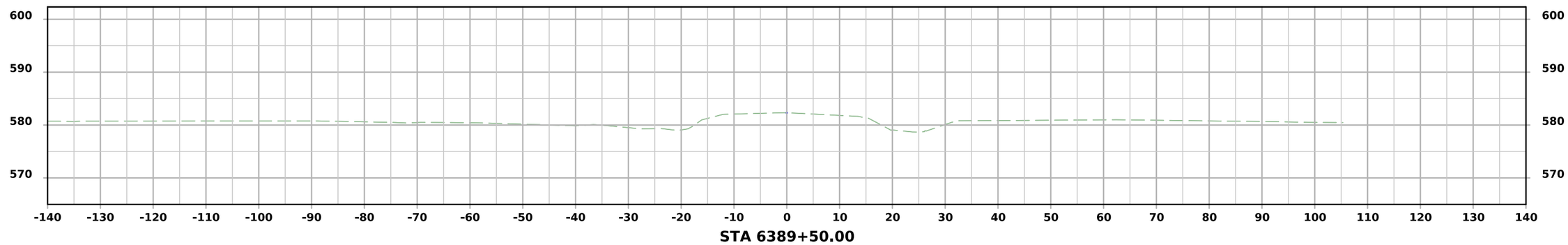


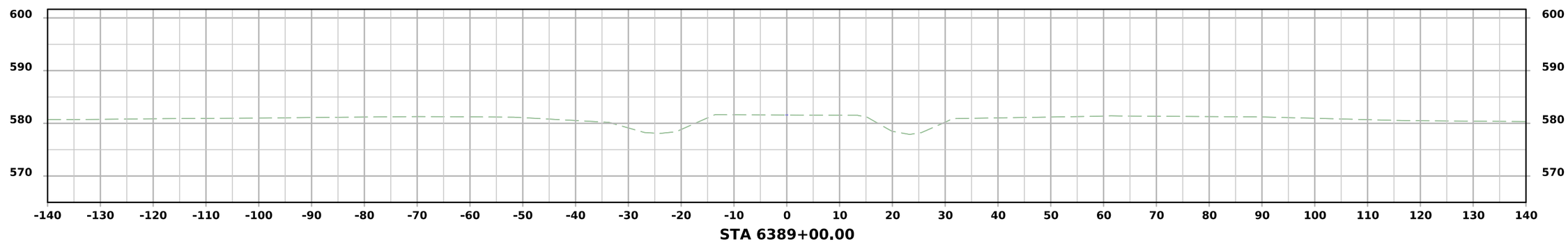


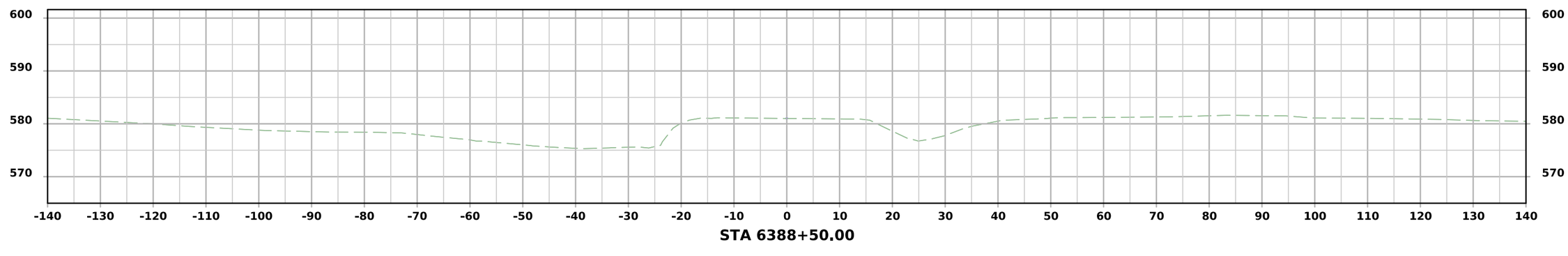
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.806

1:12:34 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0800_SR70_58061061Z14.dgn

70th St (Close)

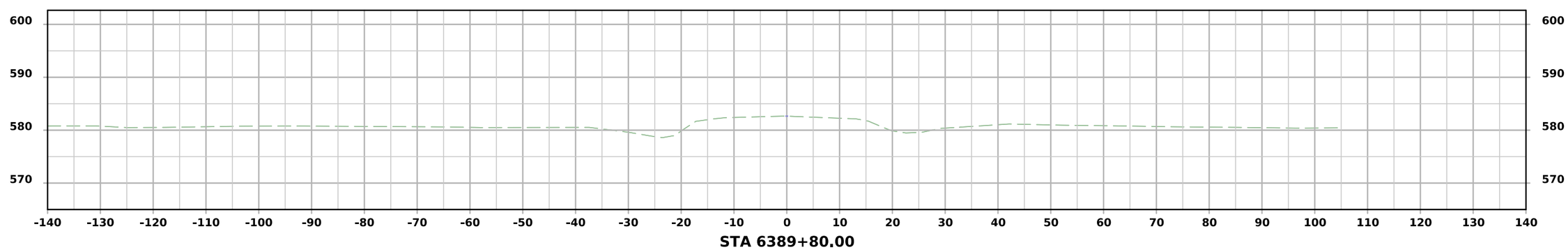






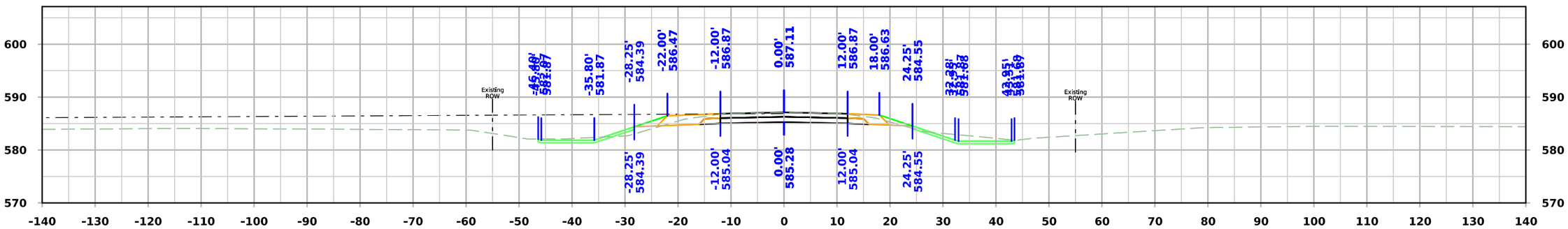
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.807

70th St (Close)

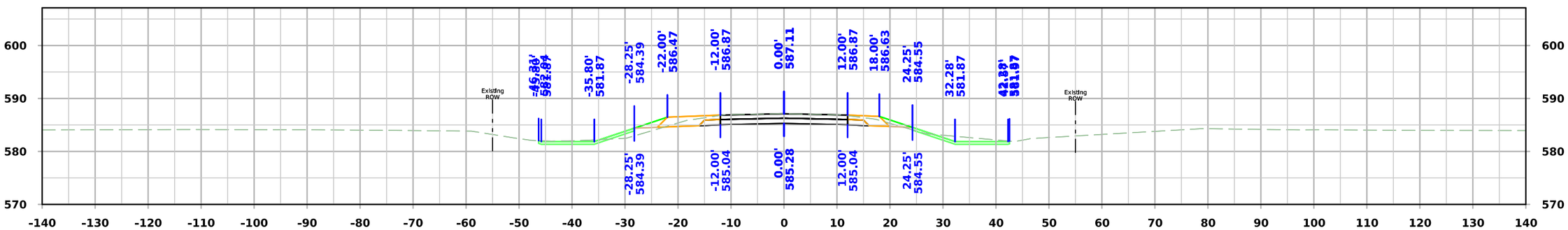


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.808

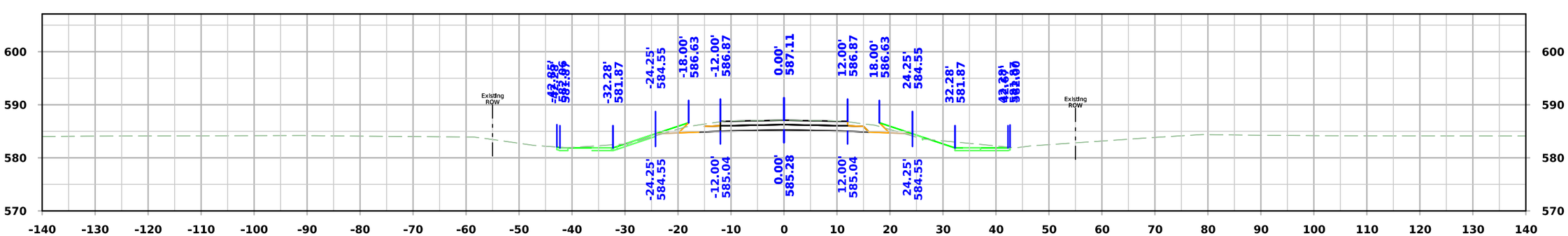
Co Rd G62



STA. 536+50.00



STA. 536+00.00

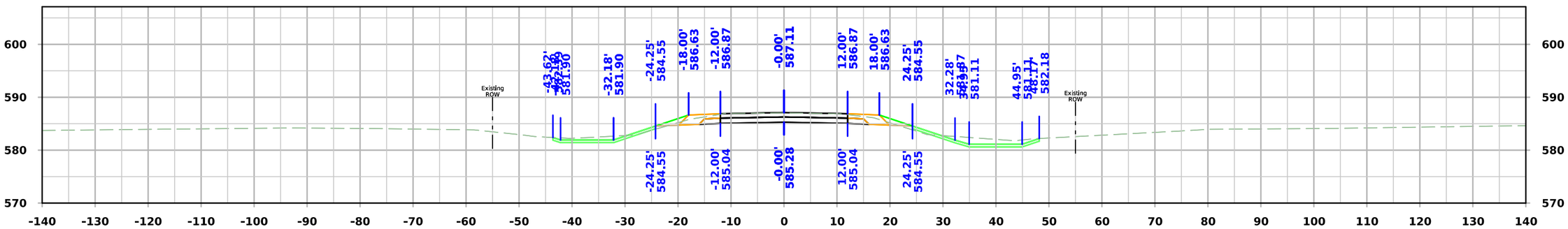


STA. 535+75.00

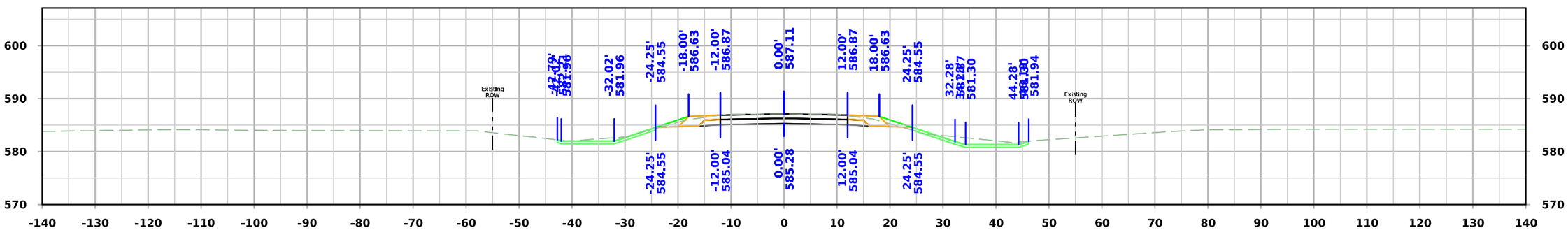
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.900

1:45:39 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

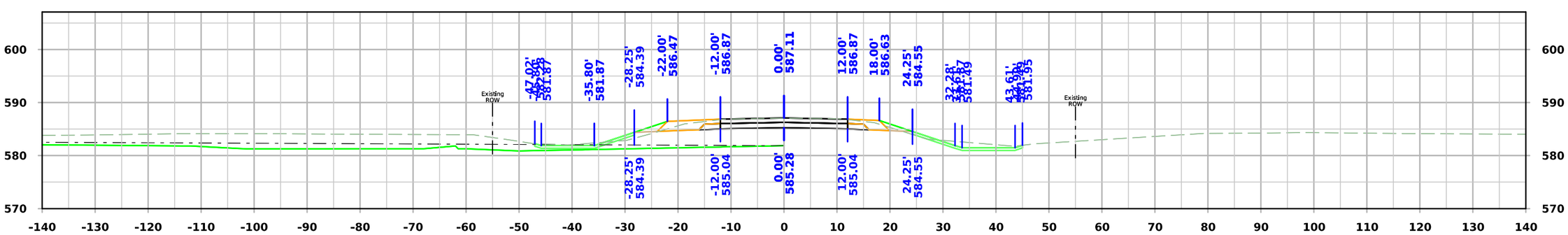
Co Rd G62



STA. 538+00.00



STA. 537+50.00

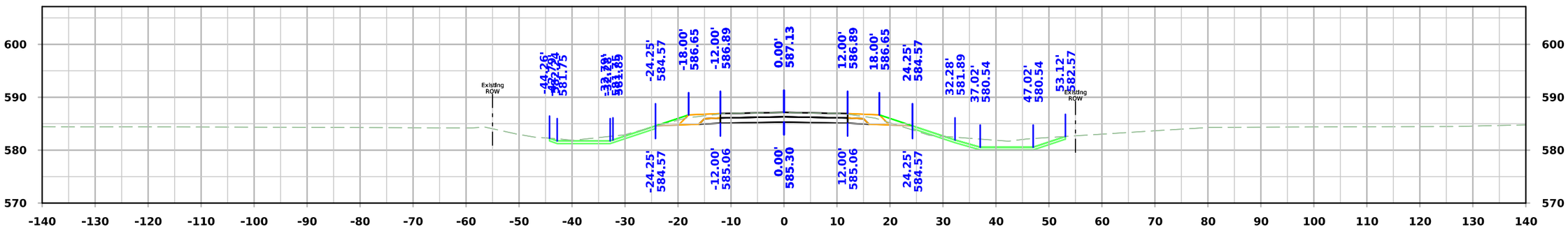


STA. 537+00.00

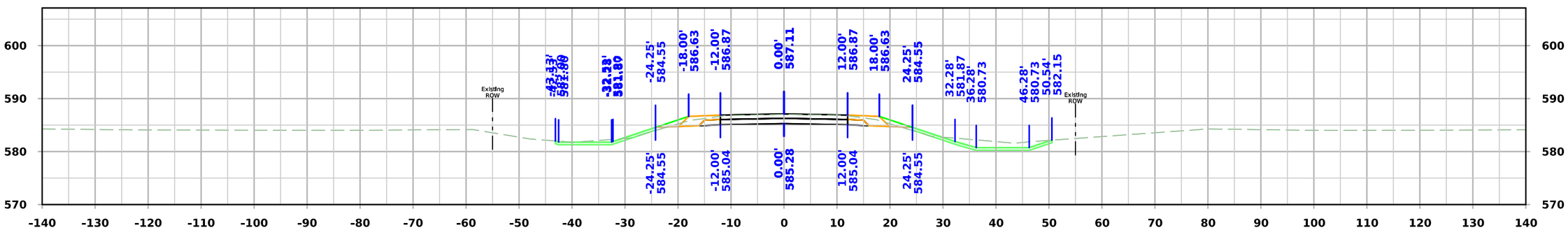
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.901

1:45:42 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

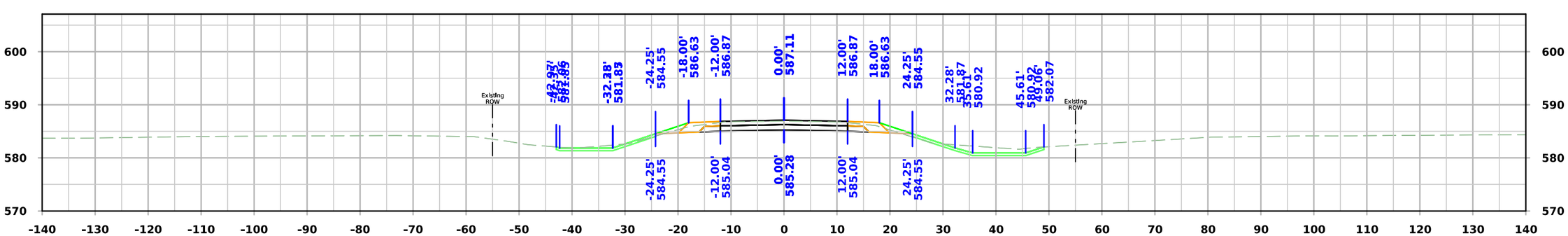
Co Rd G62



STA. 539+50.00



STA. 539+00.00

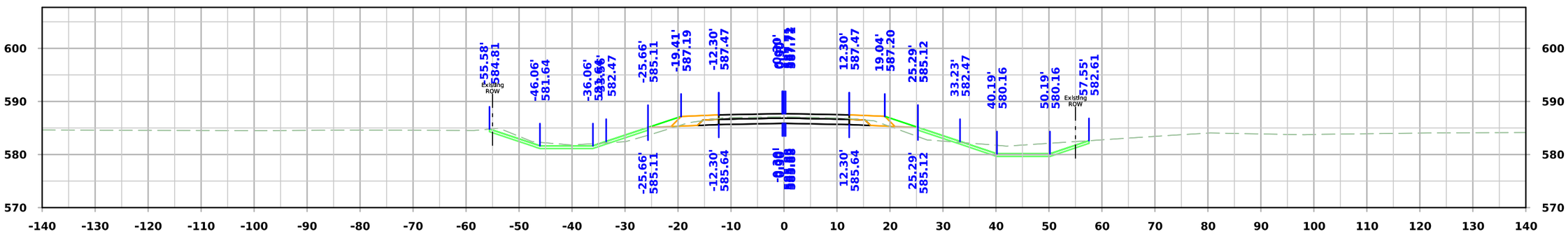


STA. 538+50.00

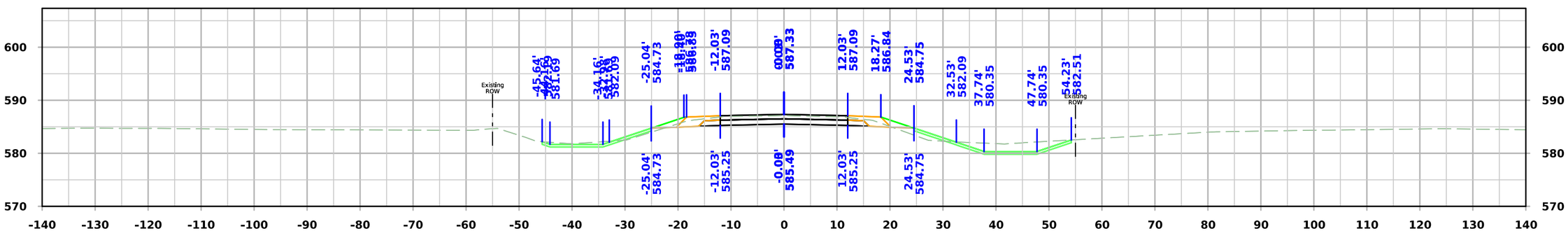
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.902

1:45:45 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

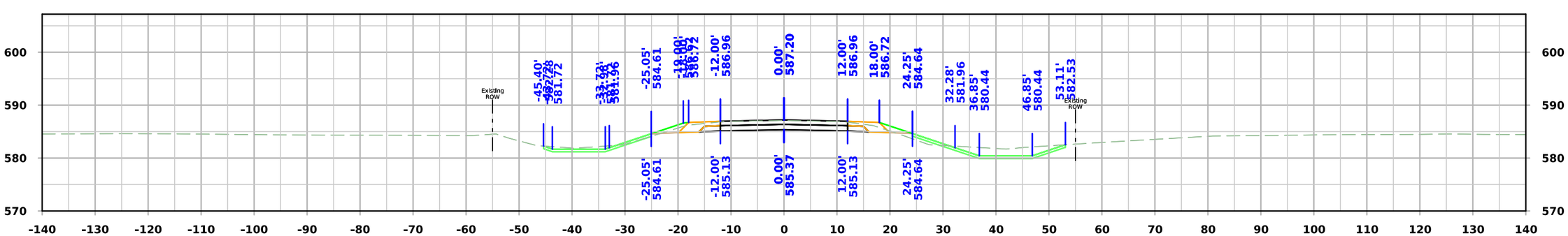
Co Rd G62



STA. 540+50.00



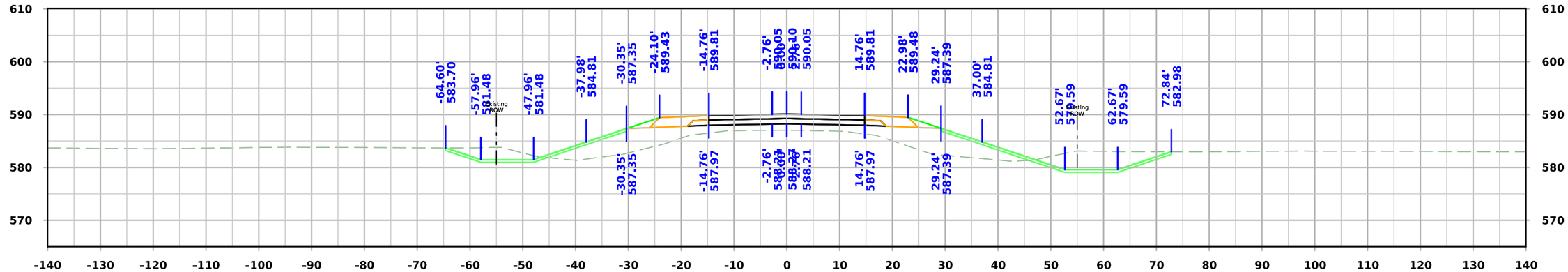
STA. 540+00.00

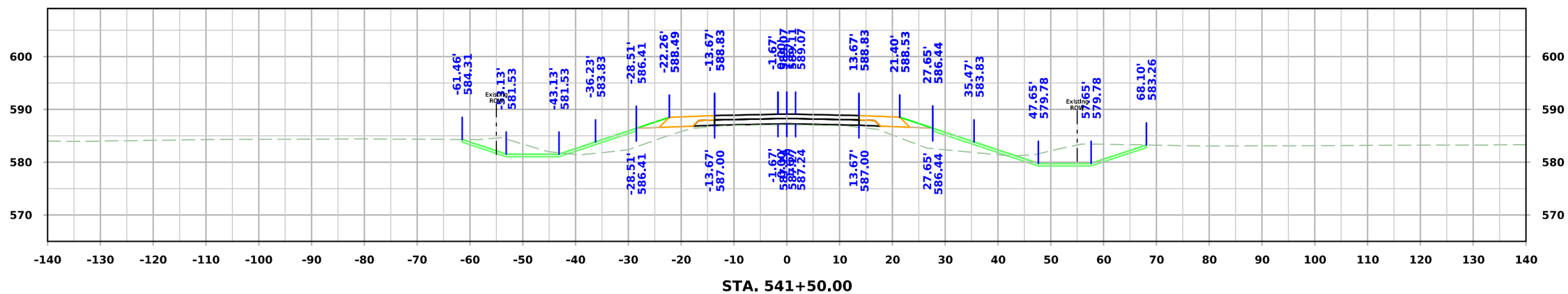


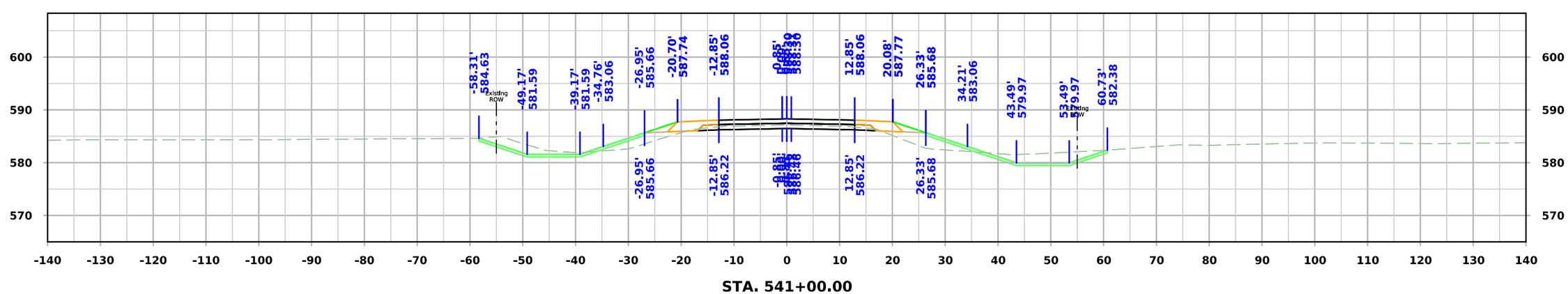
STA. 539+75.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.903

Co Rd G62



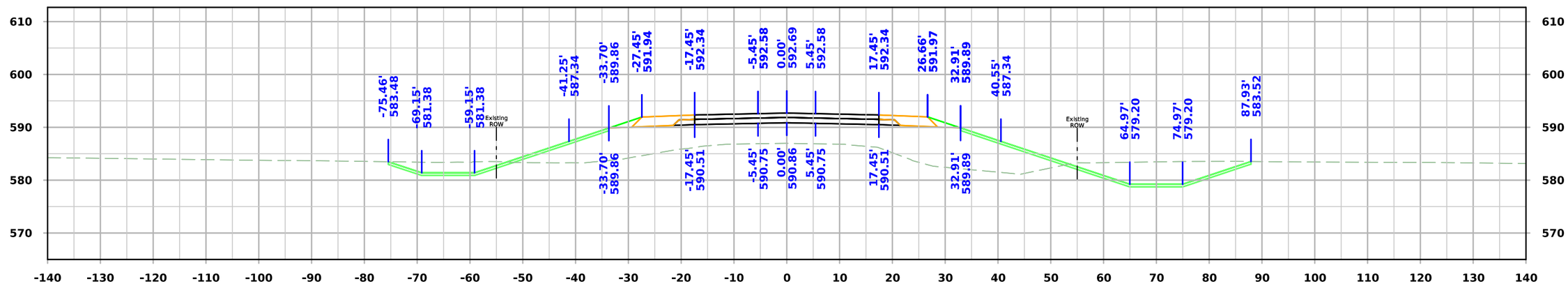




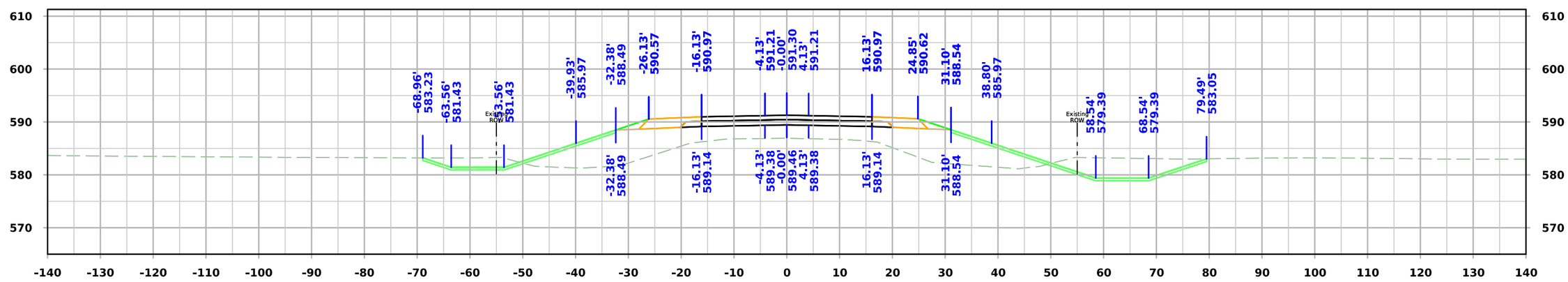
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.904

1:45:51 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

Co Rd G62



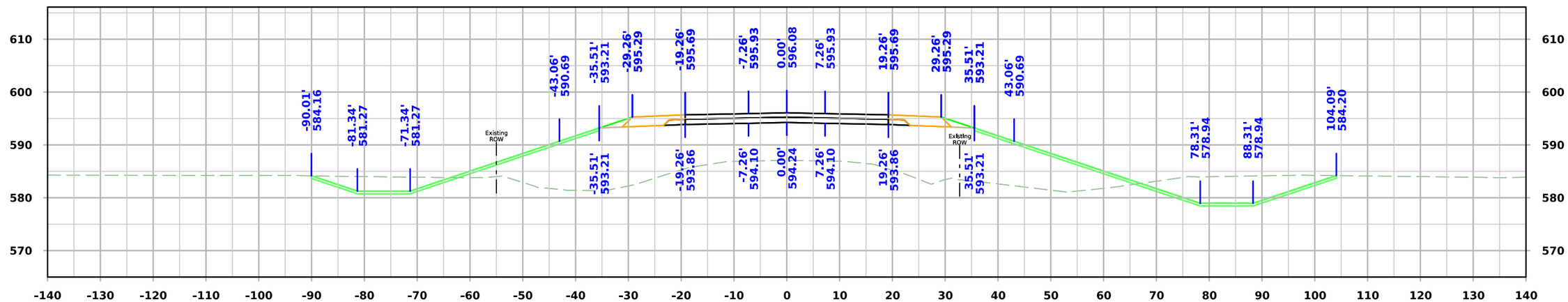
STA. 543+00.00



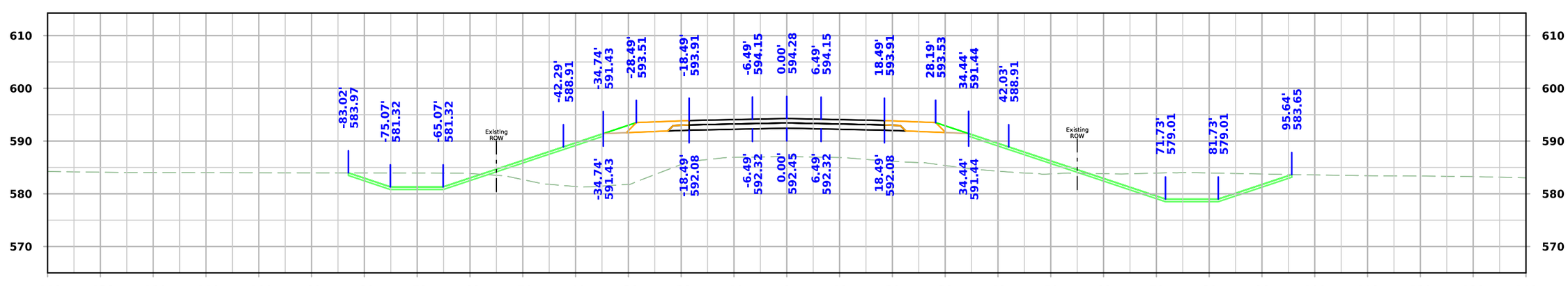
STA. 542+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.905

Co Rd G62



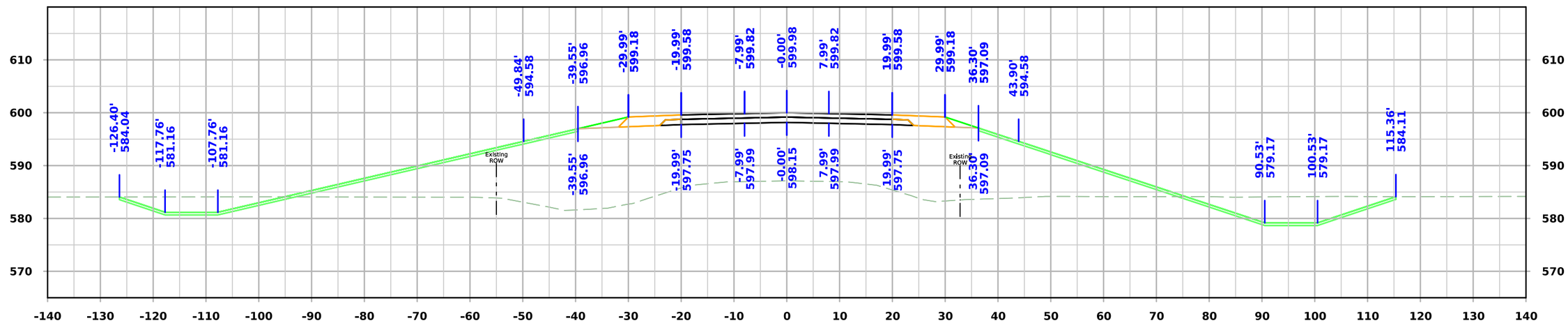
STA. 544+00.00



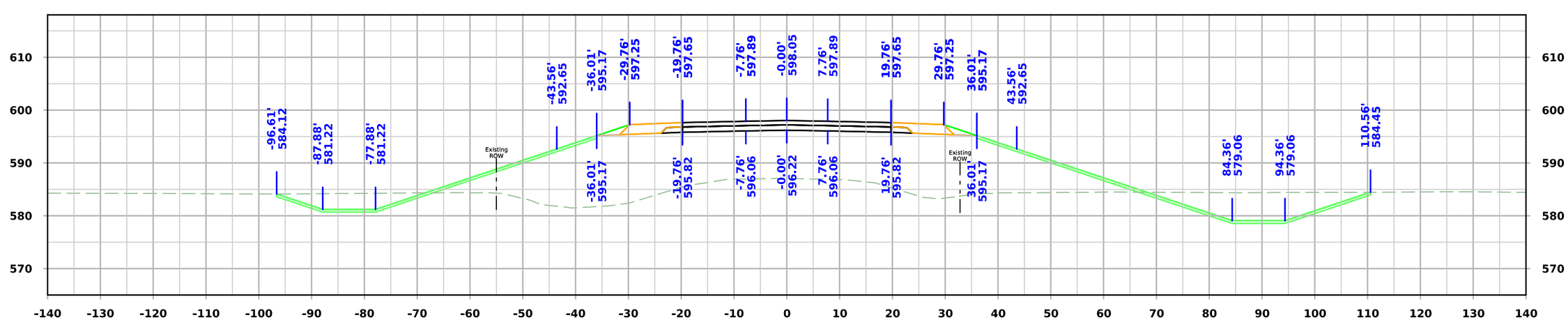
STA. 543+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.906

Co Rd G62



STA. 545+00.00

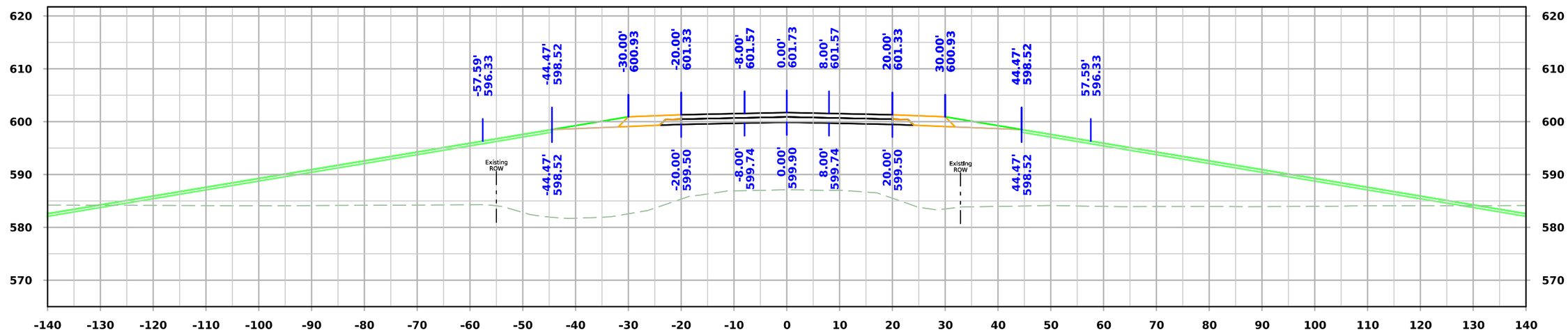


STA. 544+50.00

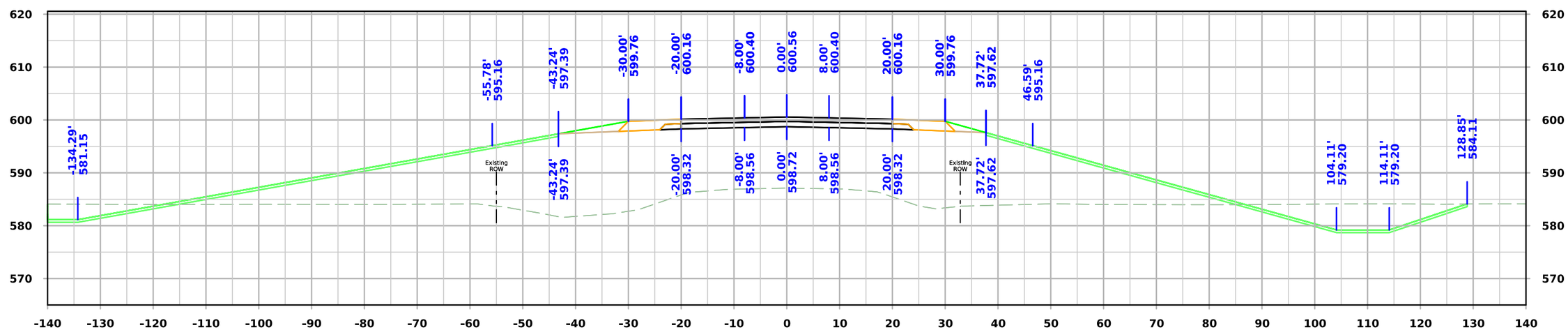
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.907

1:45:58 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

Co Rd G62



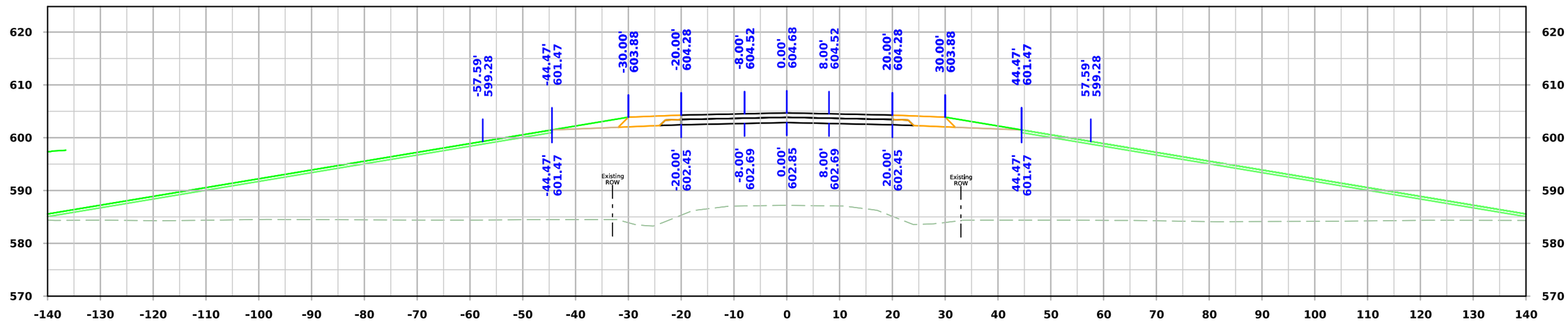
STA. 545+50.00



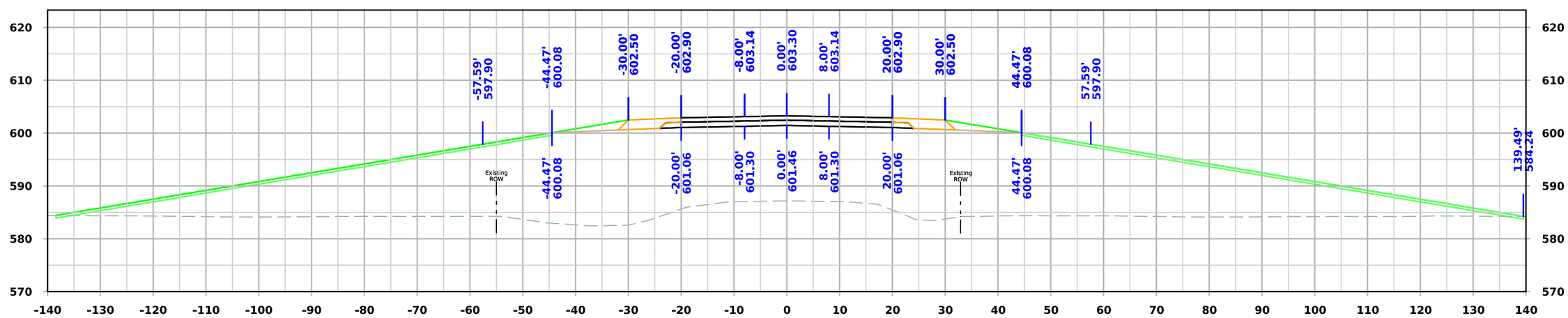
STA. 545+15.96

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.908

Co Rd G62



STA. 546+50.00

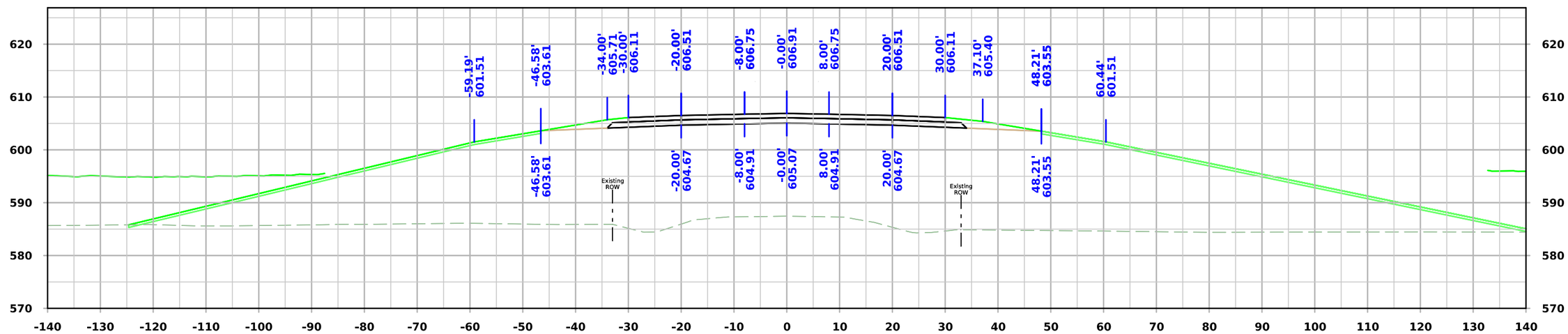


STA. 546+00.00

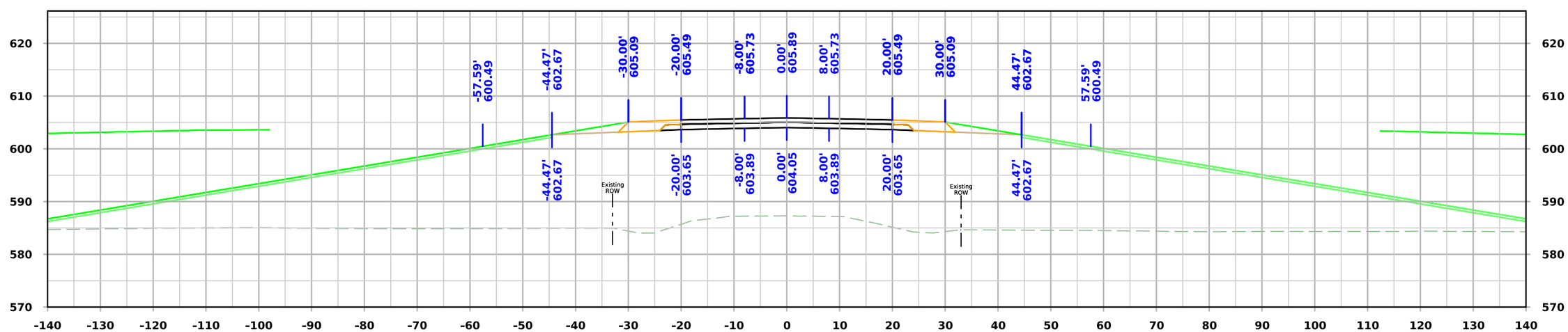
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.909

1:46:02 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

Co Rd G62



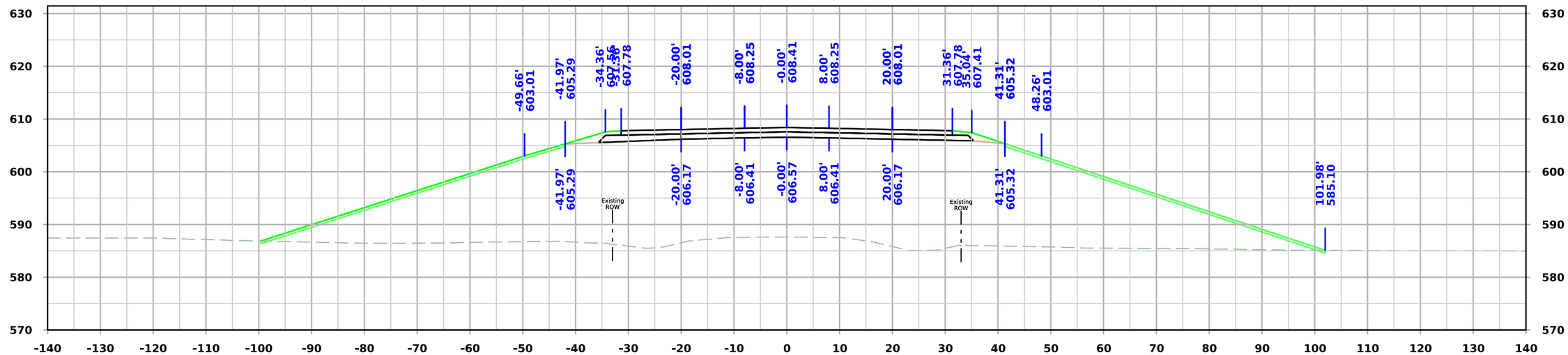
STA. 547+50.00



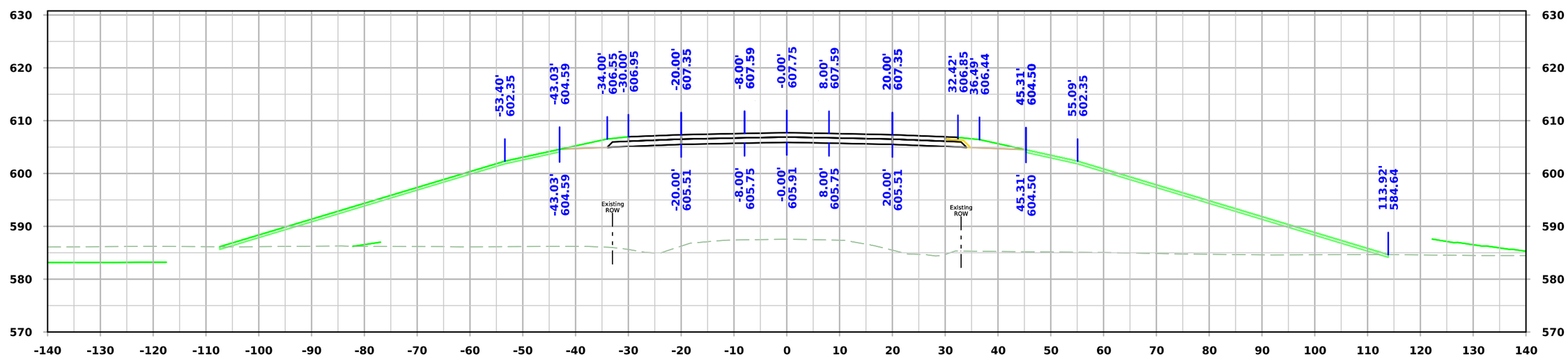
STA. 547+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.910

Co Rd G62



STA. 548+50.00

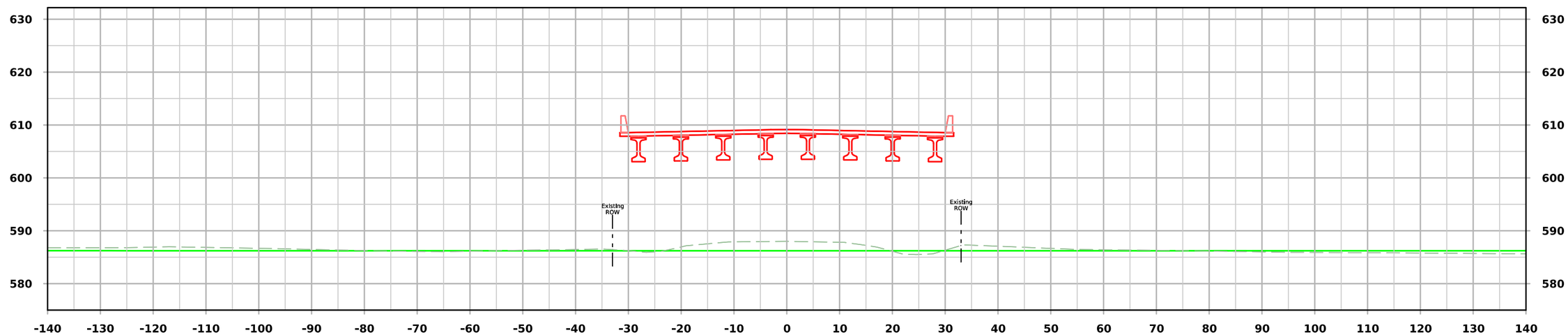


STA. 548+00.00

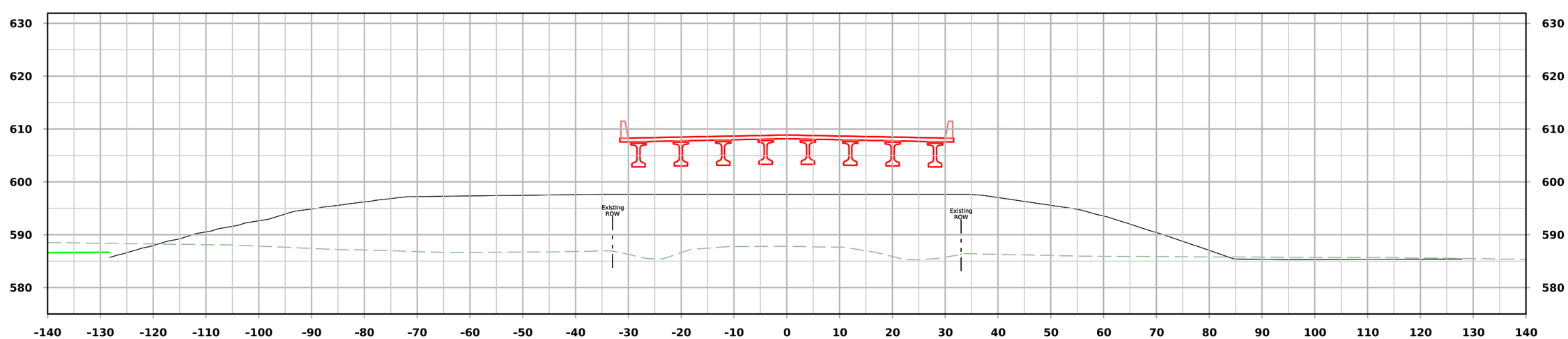
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.911

1:46:06 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

Co Rd G62



STA. 549+50.00

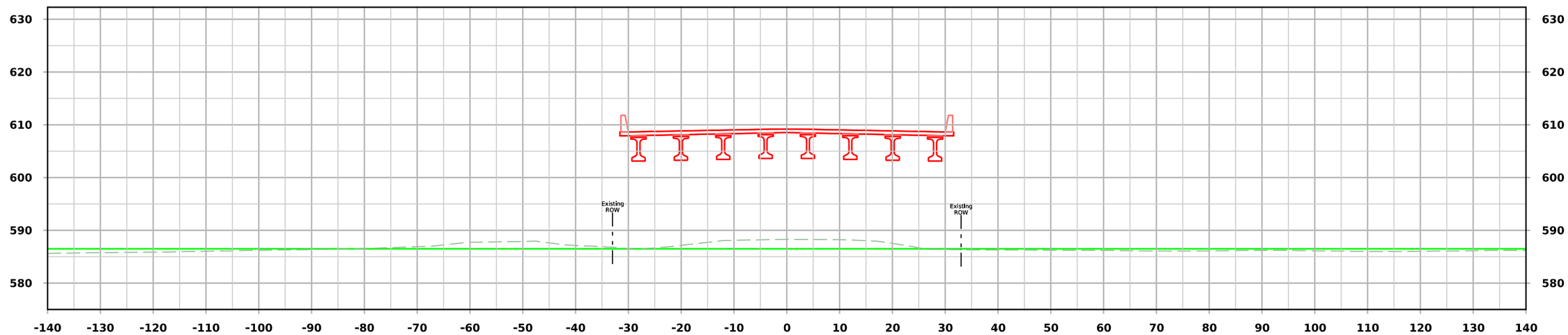


STA. 549+00.00

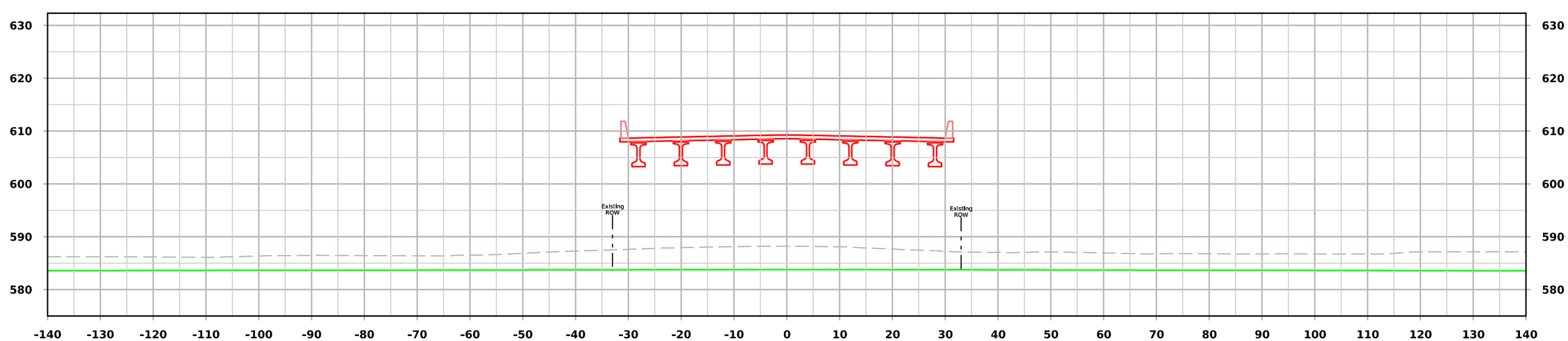
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.912

1:46:09 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

Co Rd G62



STA. 550+50.00

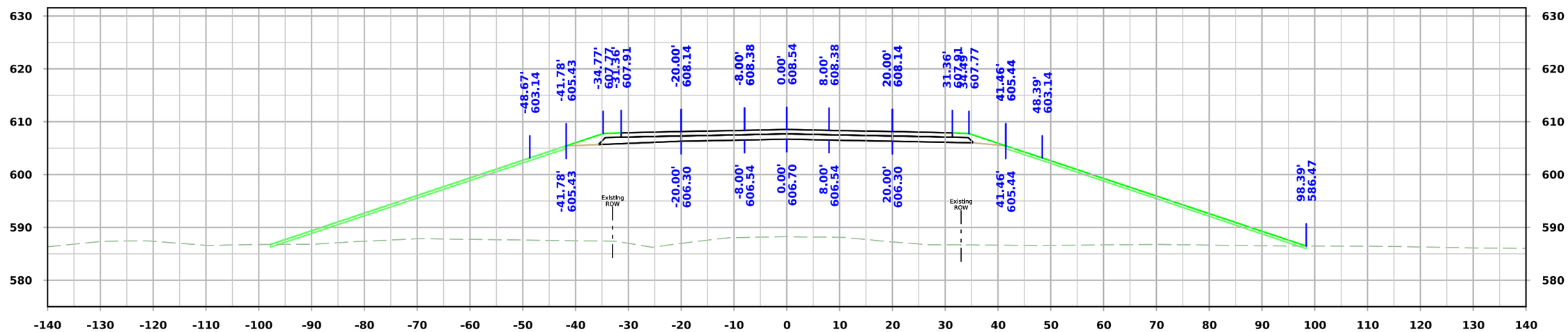


STA. 550+00.00

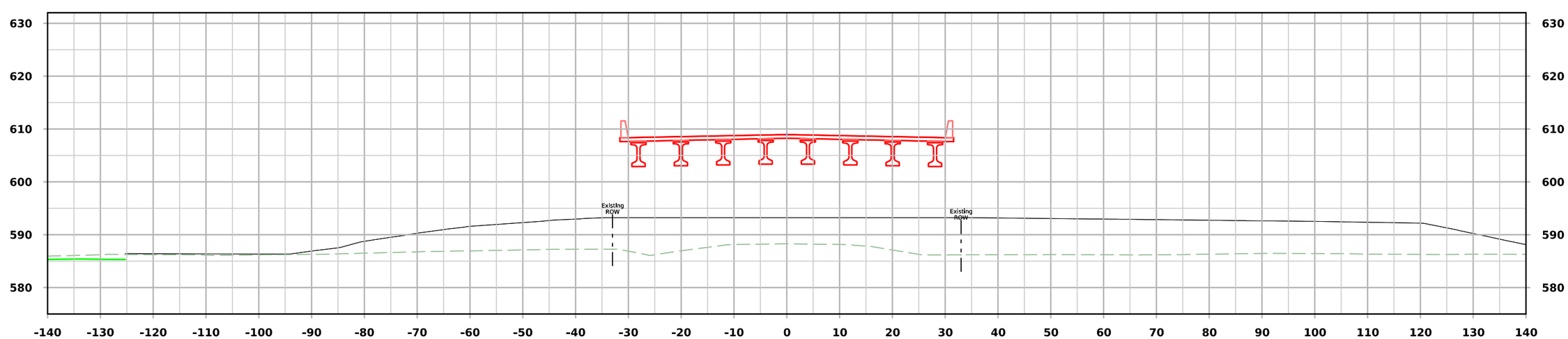
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.913

1:46:12 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

Co Rd G62



STA. 551+50.00

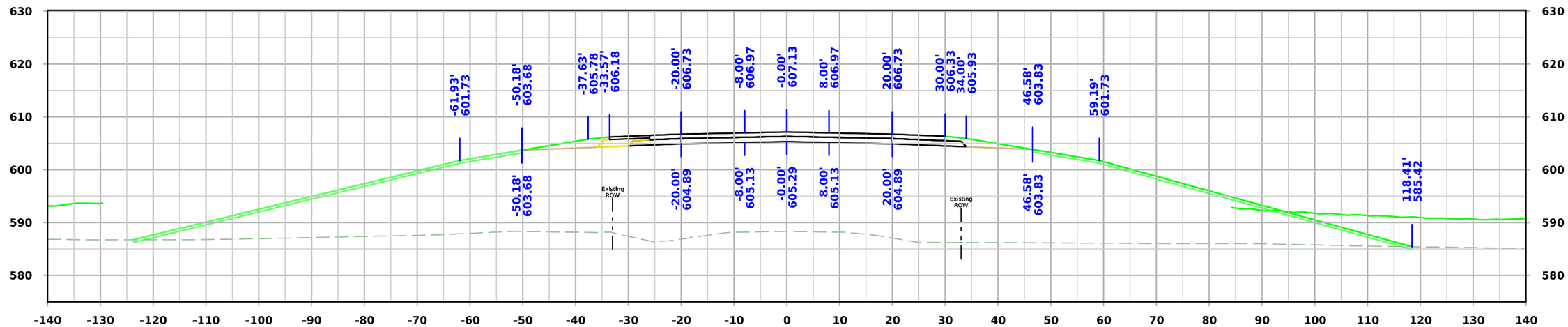


STA. 551+00.00

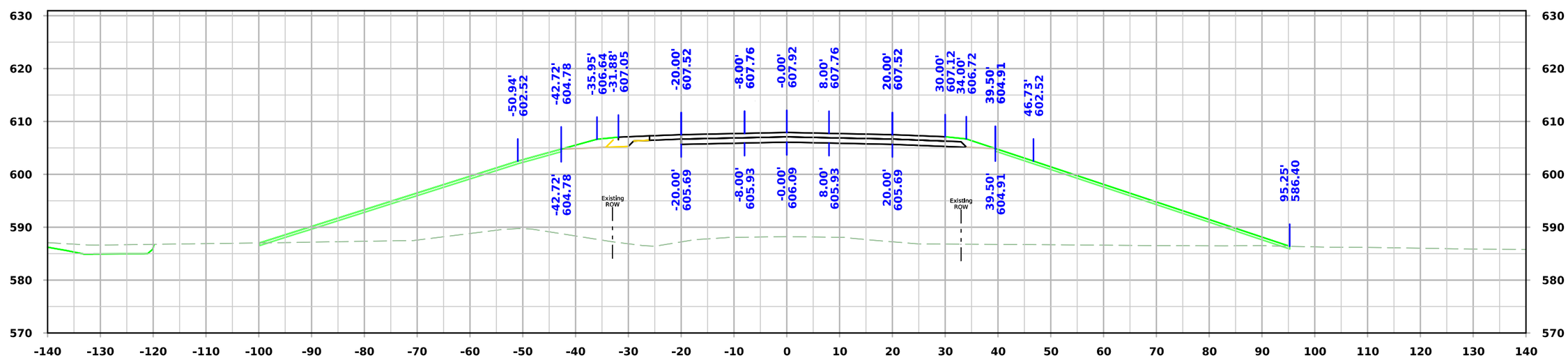
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.914

1:46:14 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

Co Rd G62



STA. 552+50.00

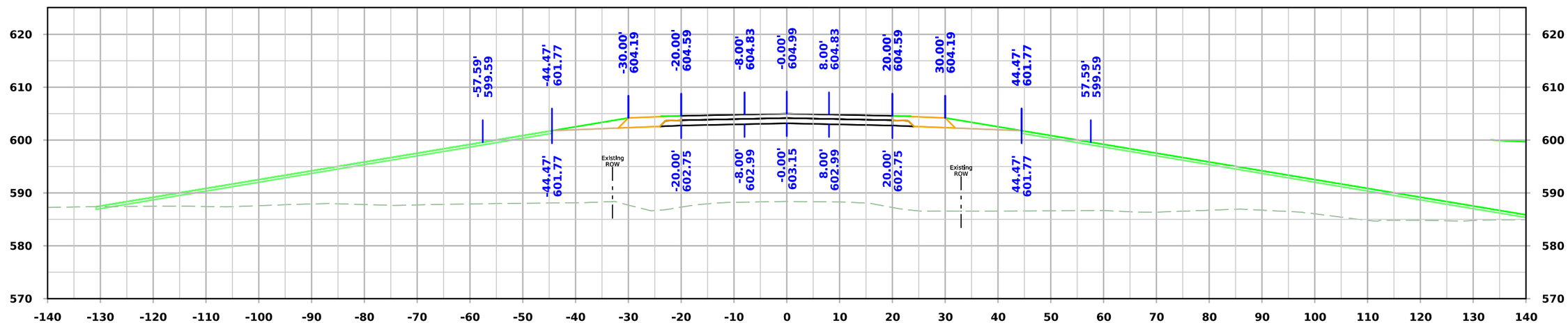


STA. 552+00.00

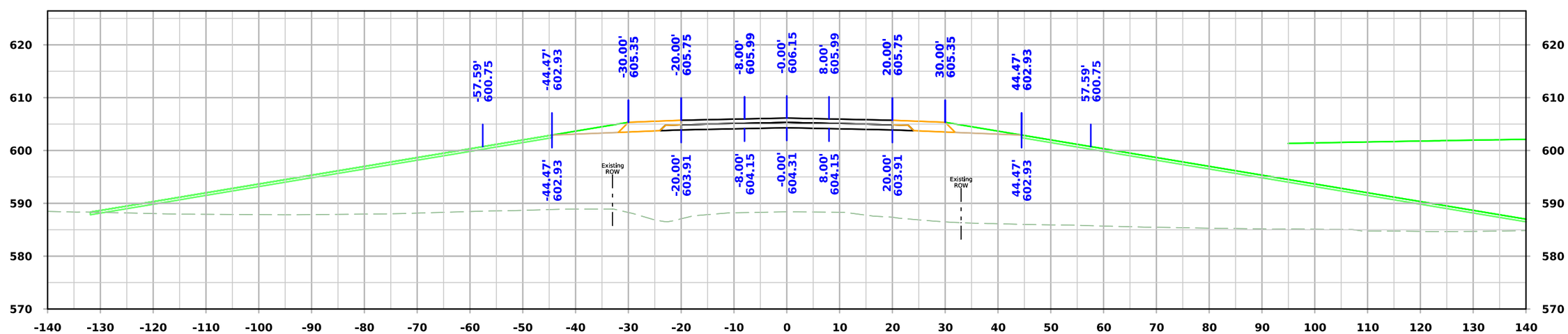
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.915

1:46:16 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

Co Rd G62



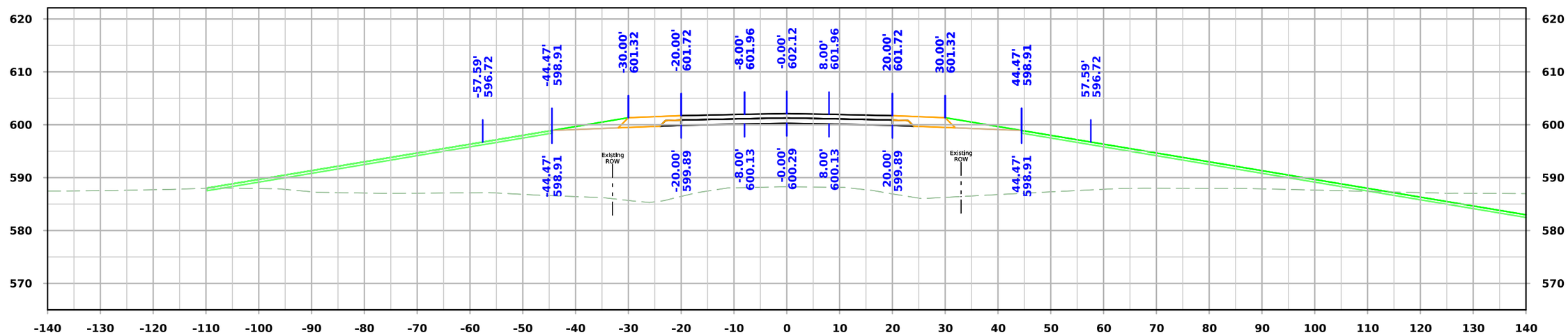
STA. 553+50.00



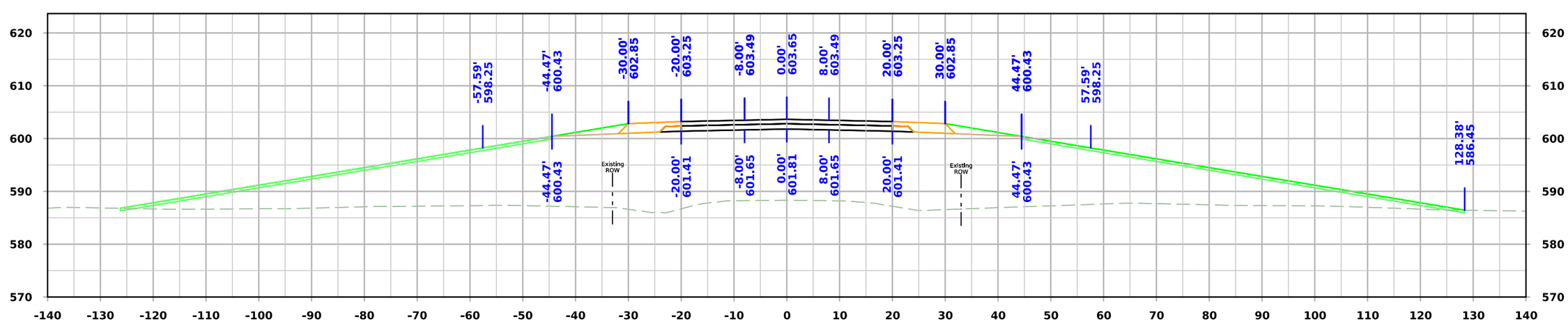
STA. 553+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.916

Co Rd G62



STA. 554+50.00

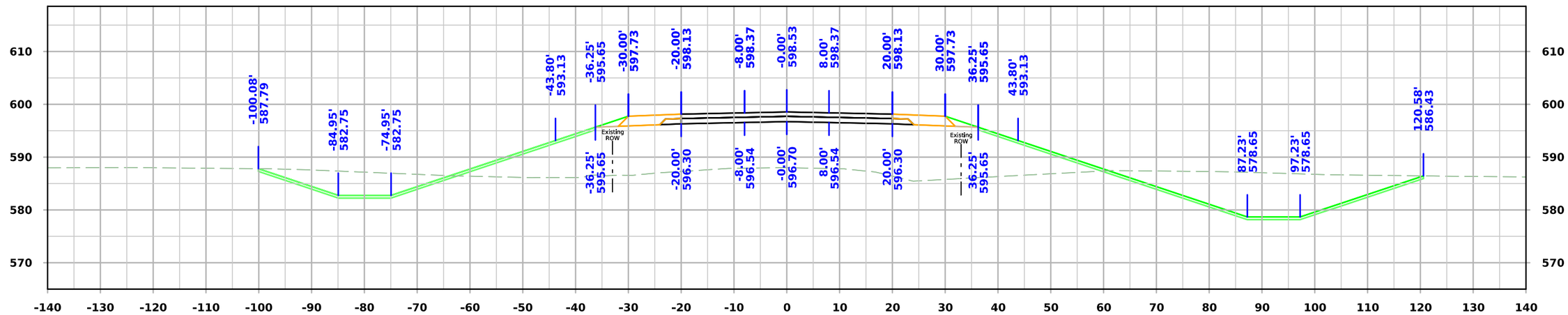


STA. 554+00.00

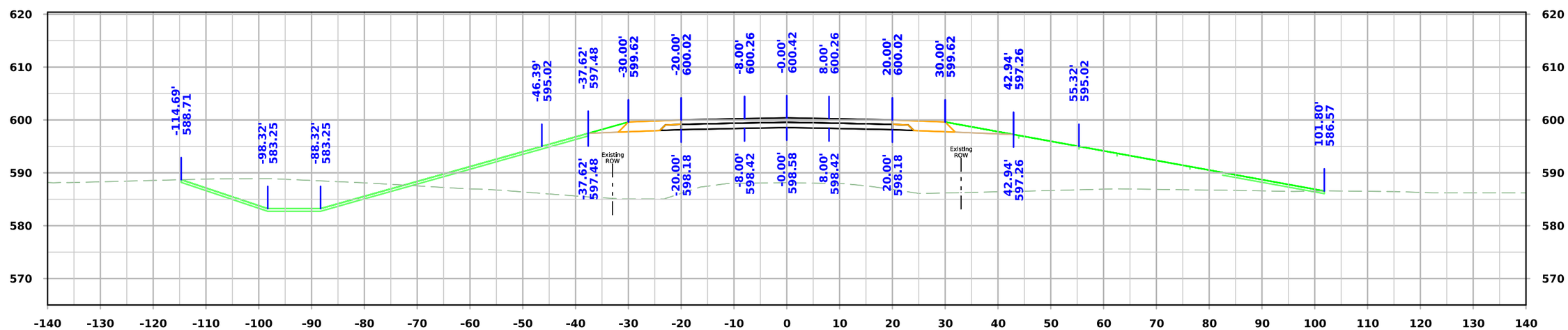
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.917

1:46:20 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

Co Rd G62



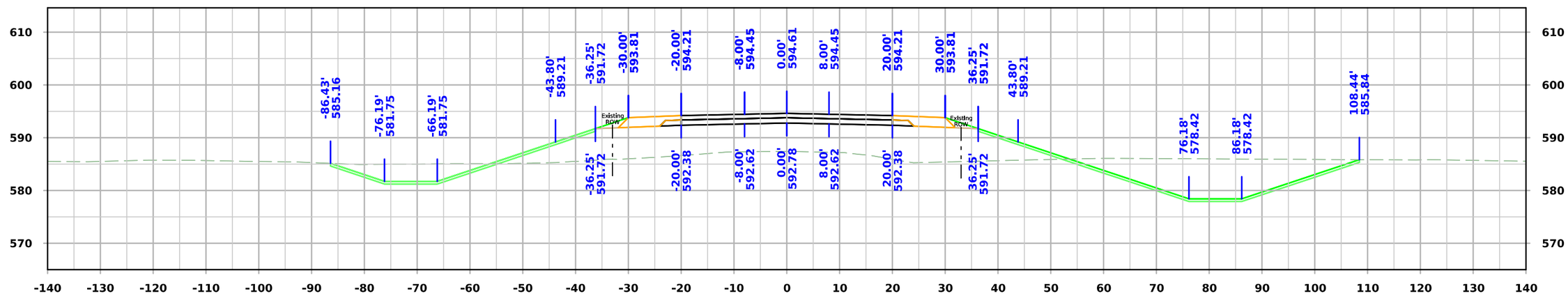
STA. 555+50.00



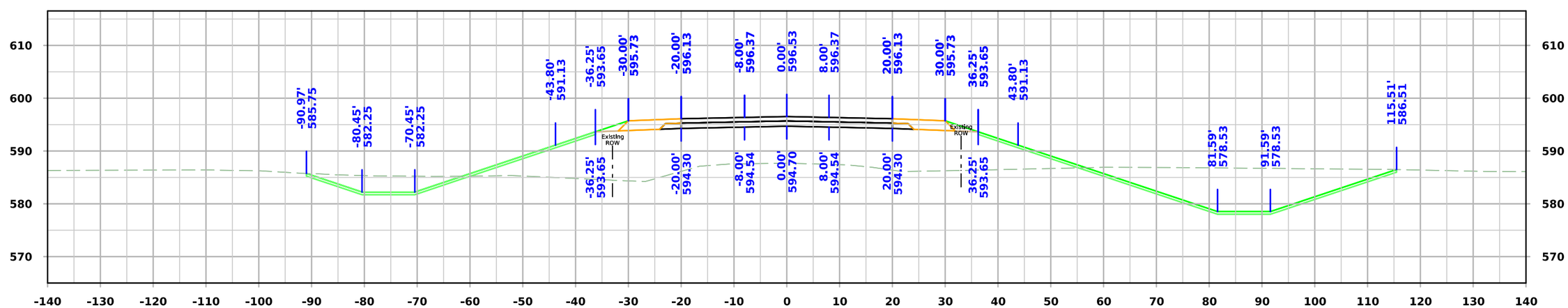
STA. 555+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.918

Co Rd G62



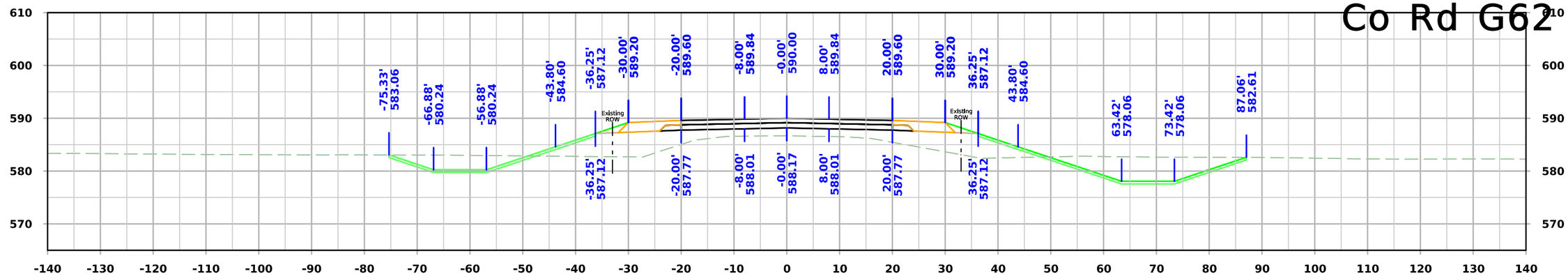
STA. 556+50.00



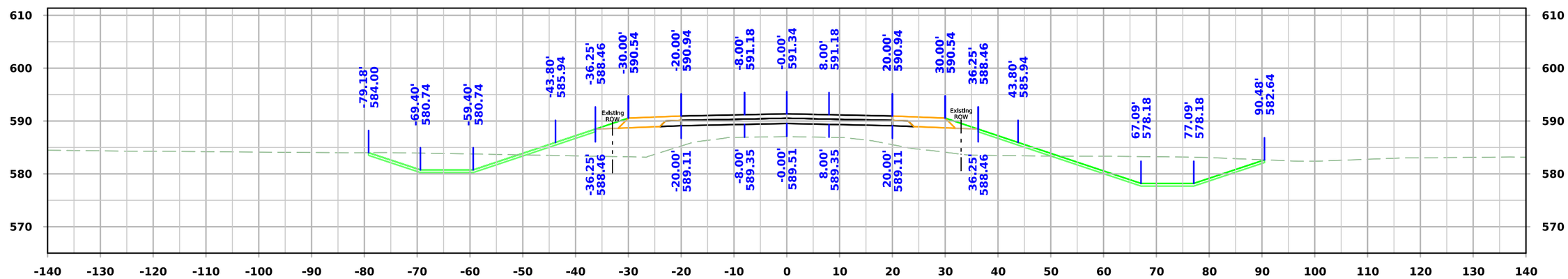
STA. 556+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.919

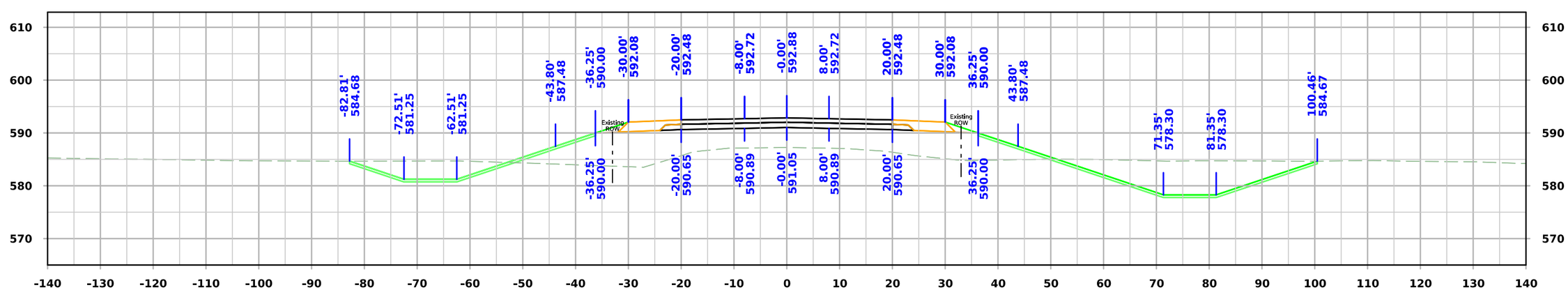
Co Rd G62



STA. 558+00.00



STA. 557+50.00

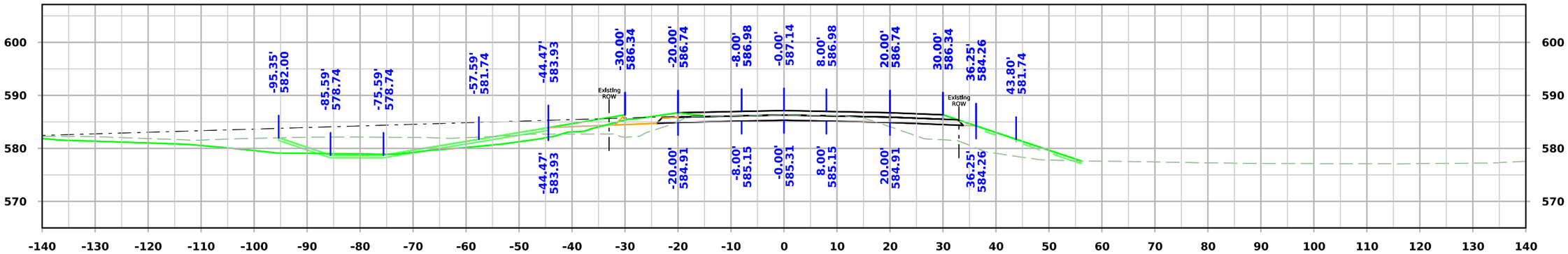


STA. 557+00.00

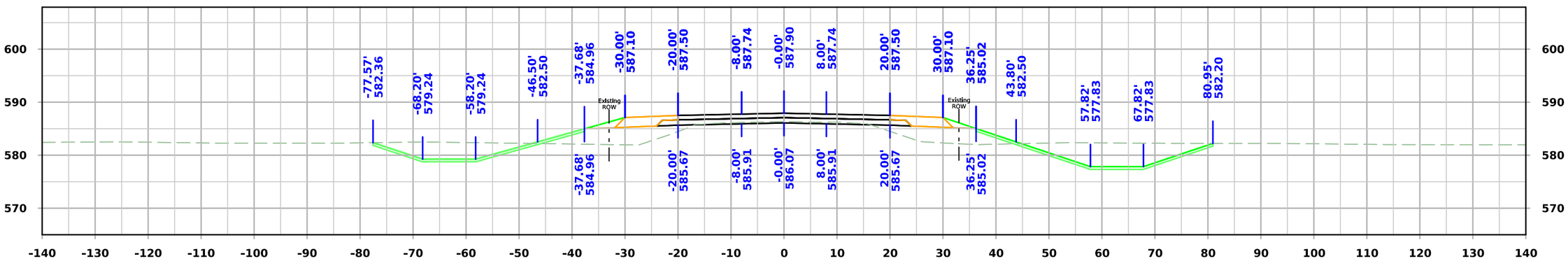
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.920

1:46:28 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

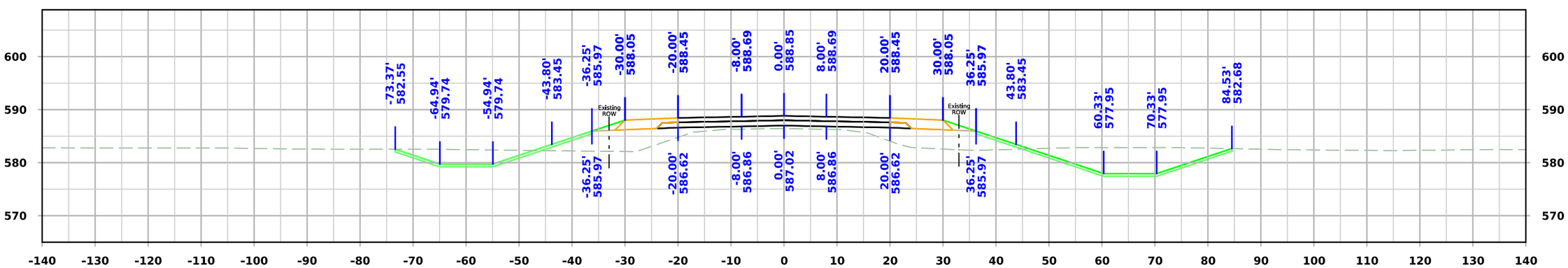
Co Rd G62



STA. 559+50.00



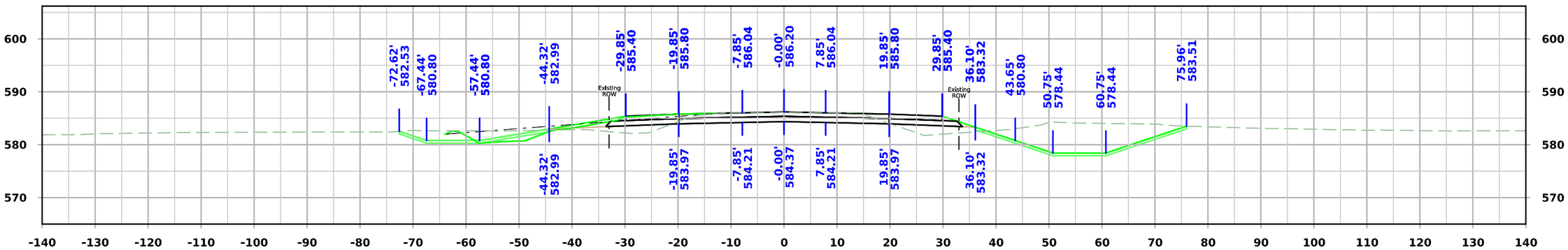
STA. 559+00.00



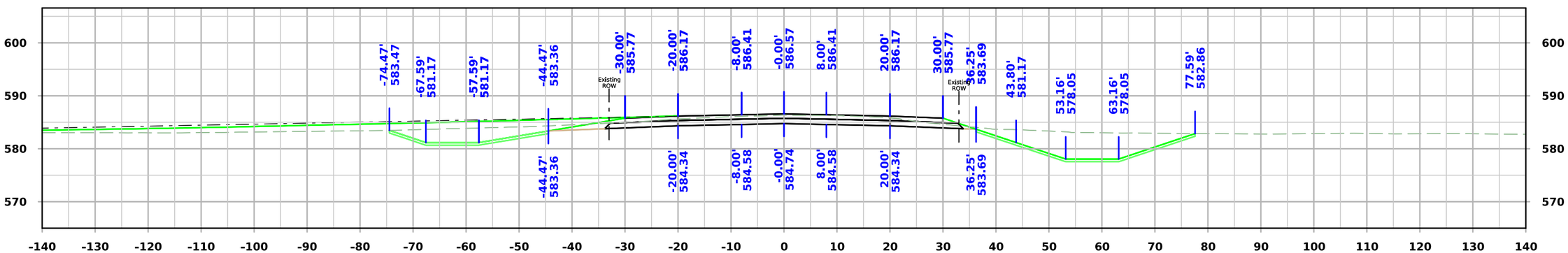
STA. 558+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.921

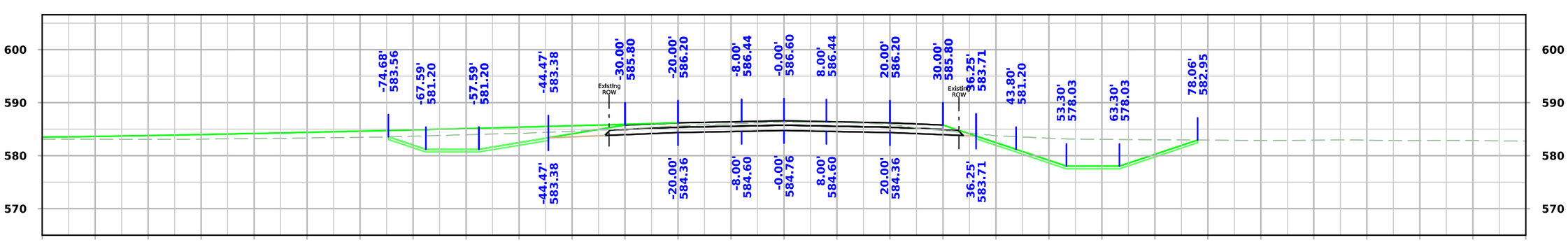
Co Rd G62



STA. 560+50.00



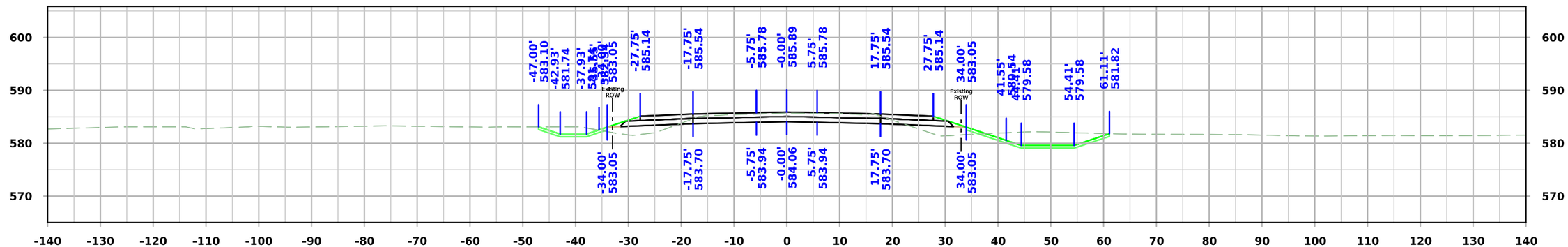
STA. 560+00.00



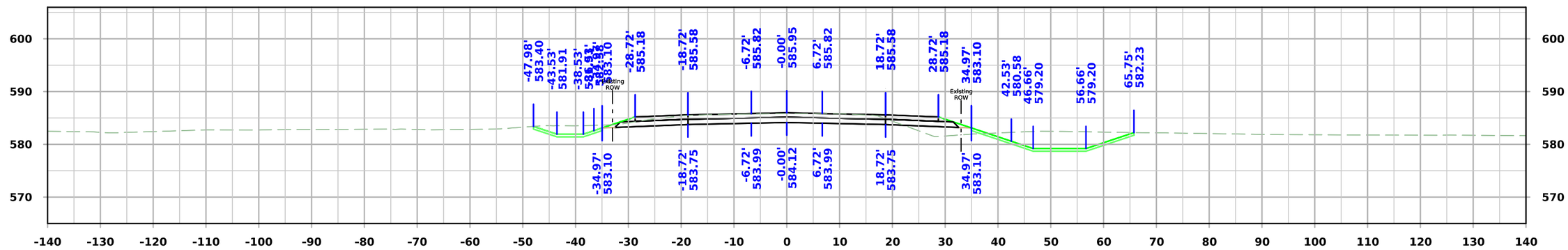
STA. 559+97.38

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.922

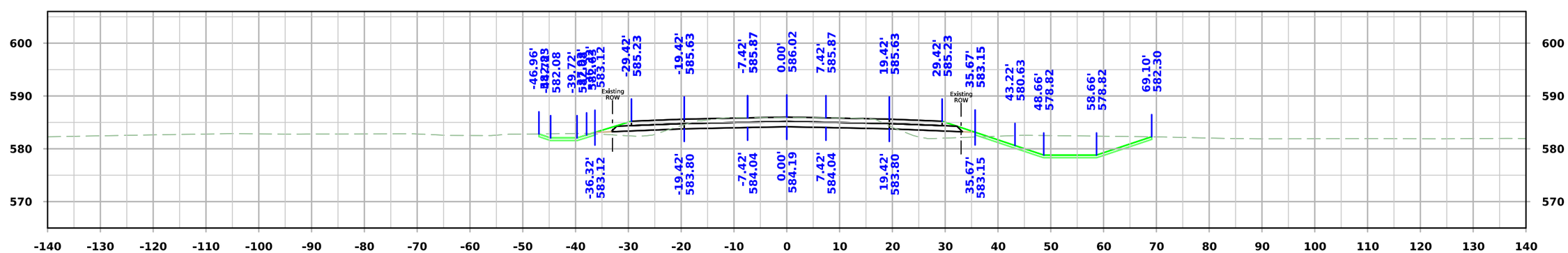
Co Rd G62



STA. 562+00.00



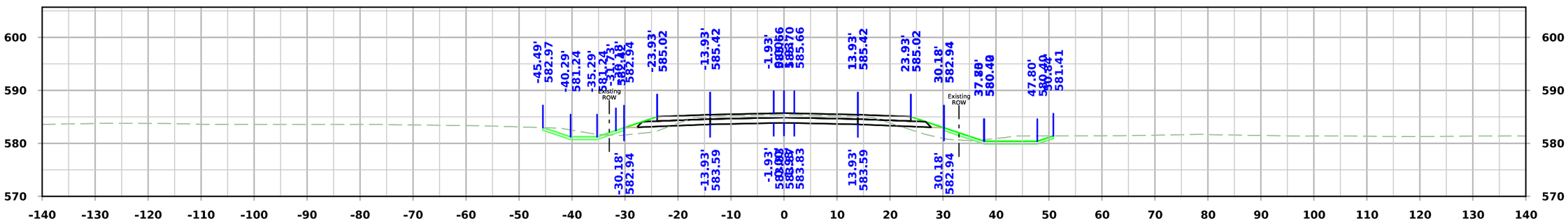
STA. 561+50.00



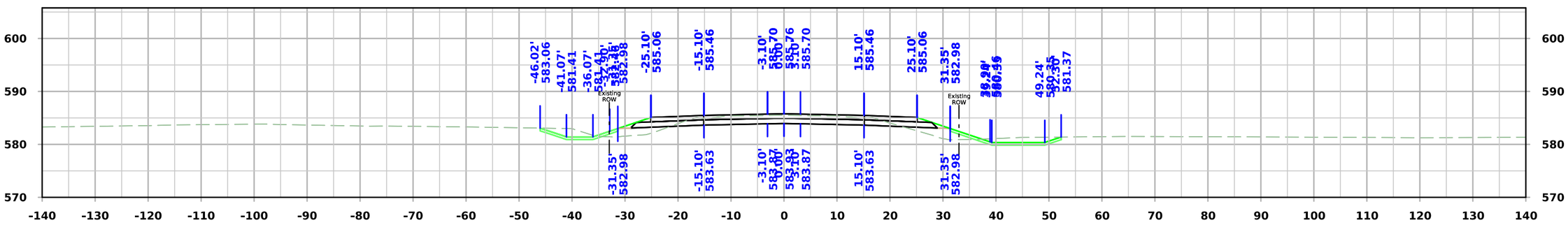
STA. 561+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.923

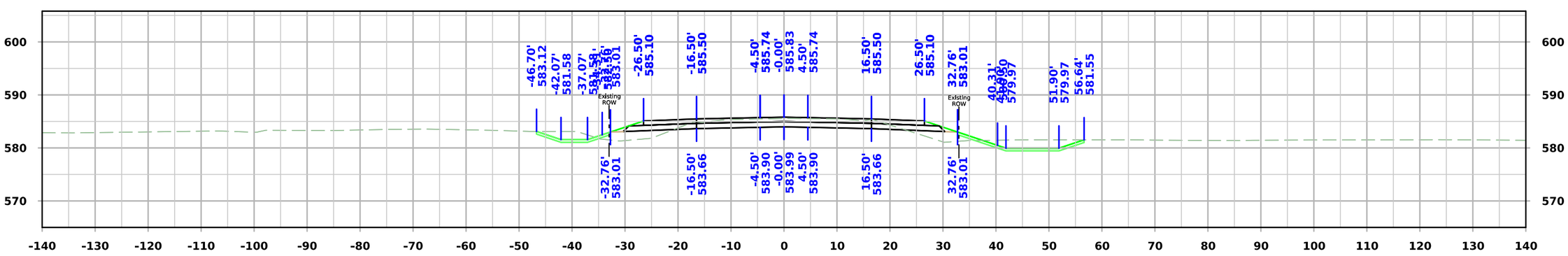
Co Rd G62



STA. 563+50.00



STA. 563+00.00

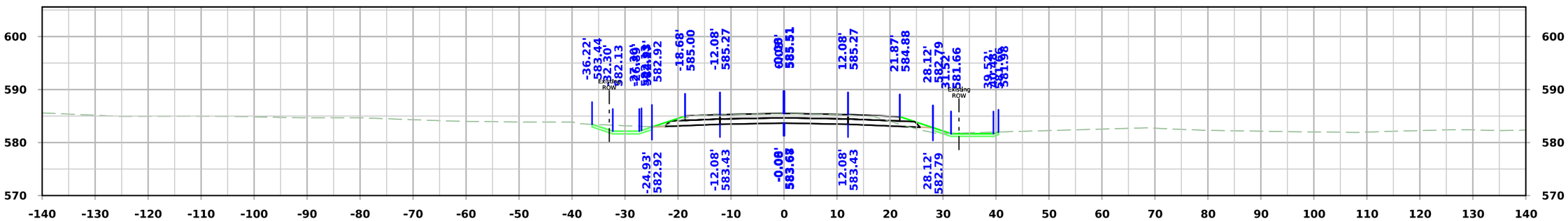


STA. 562+50.00

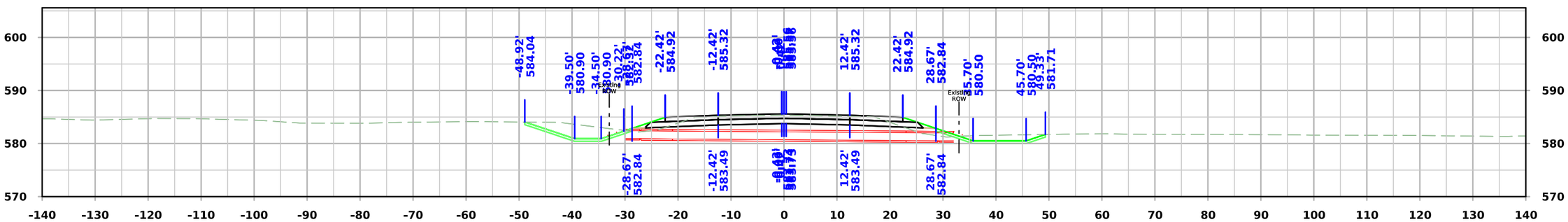
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.924

1:46:39 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

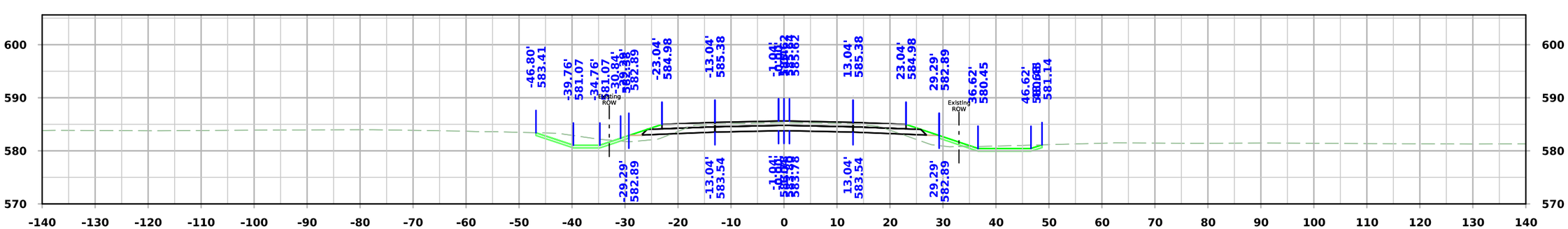
Co Rd G62



STA. 565+00.00



STA. 564+50.00

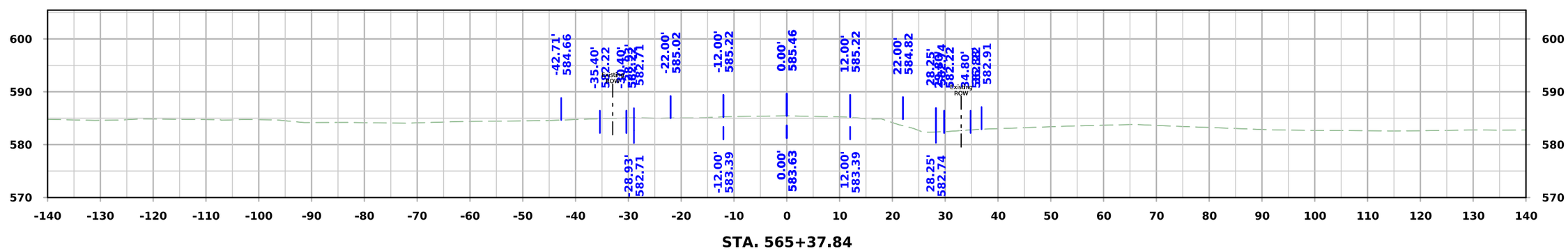


STA. 564+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.925

1:46:42 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X0900_SRG62_58061061Z14.dgn

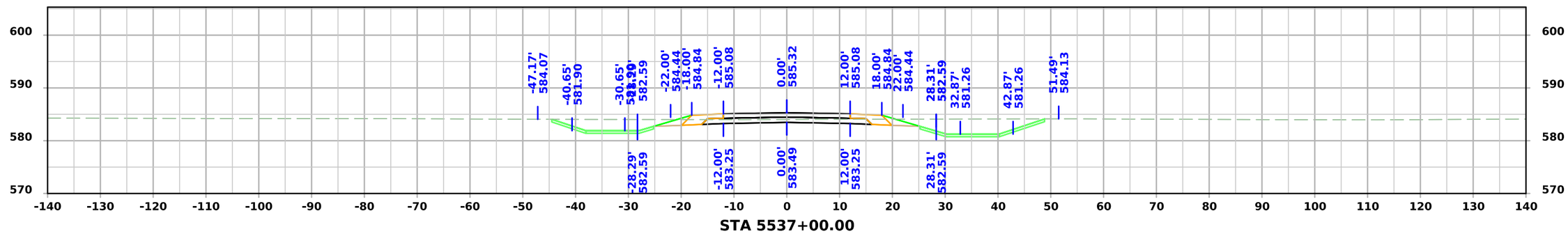
Co Rd G62



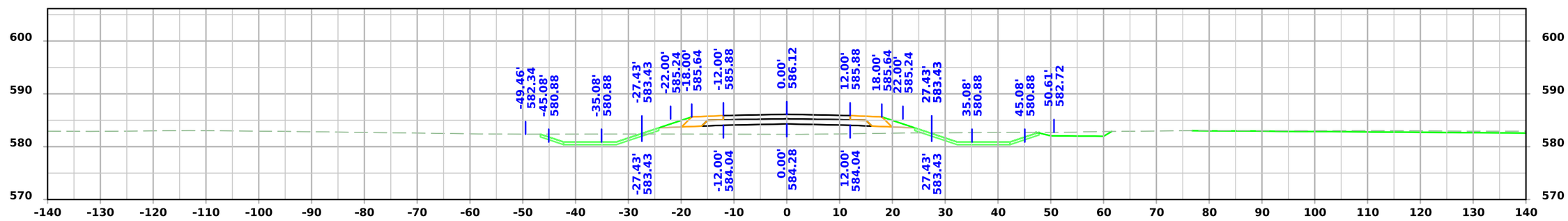
STA. 565+37.84

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.926

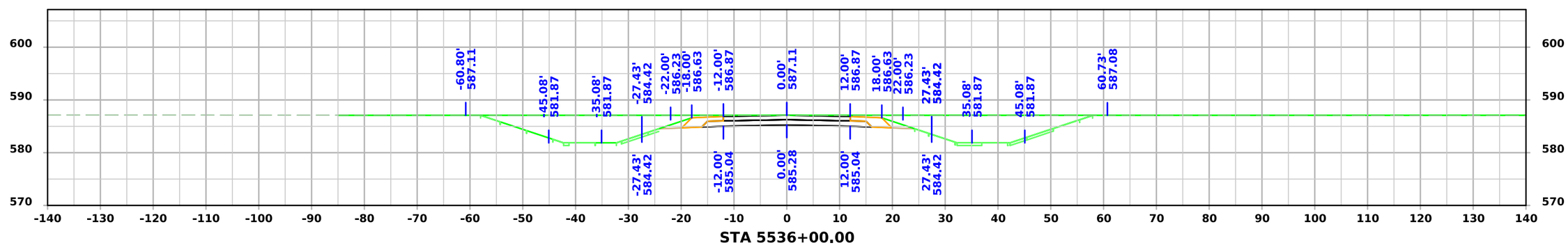
100th St W



STA 5537+00.00



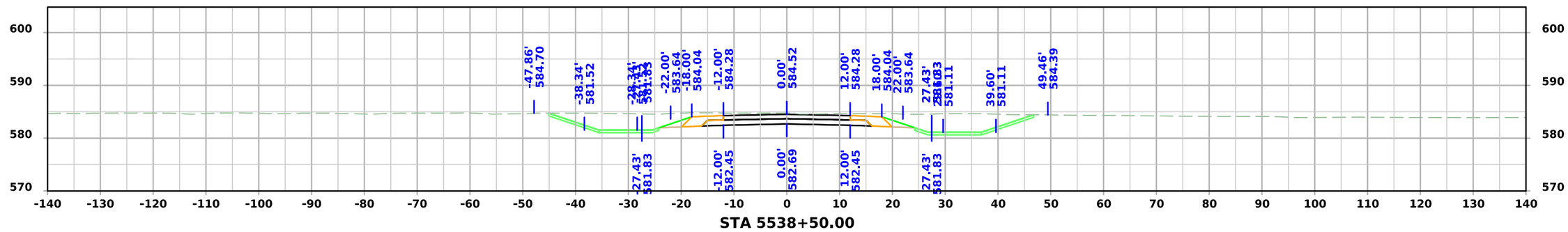
STA 5536+50.00



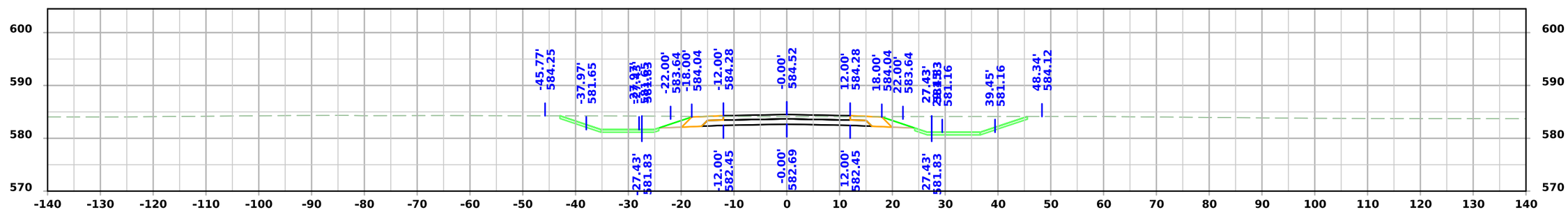
STA 5536+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1000

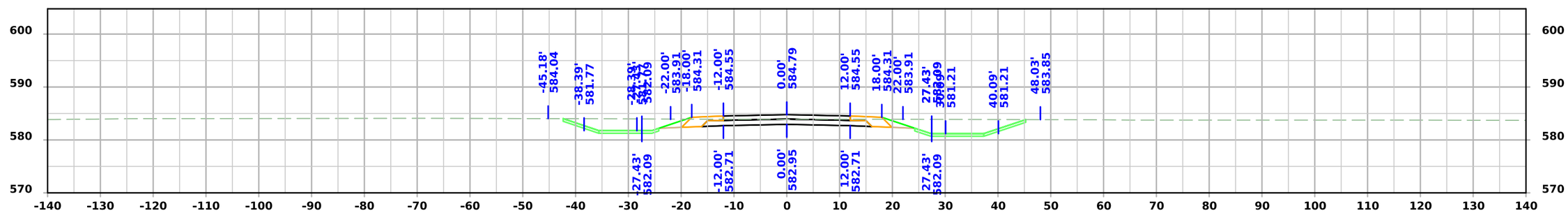
100th St W



STA 5538+50.00



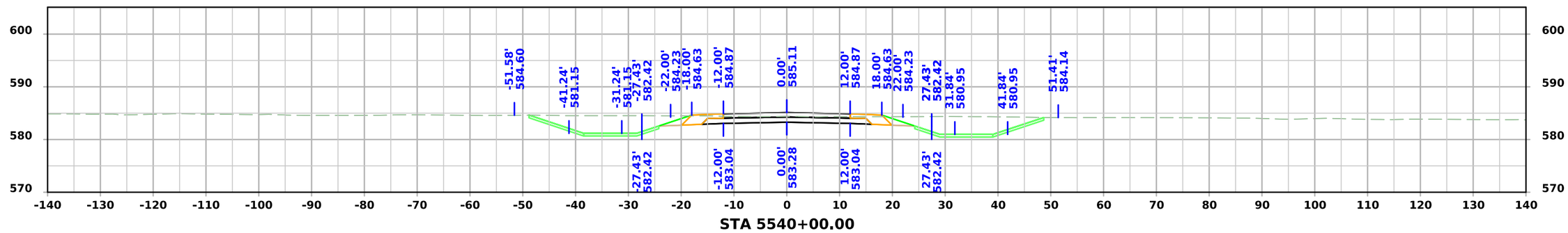
STA 5538+00.00

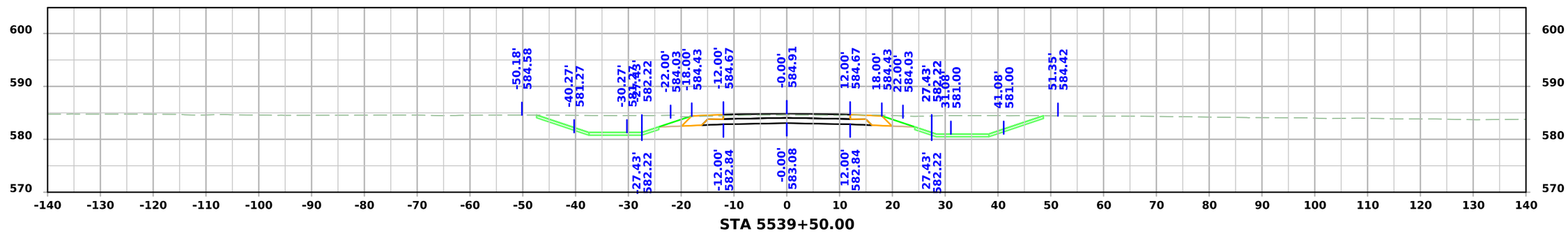


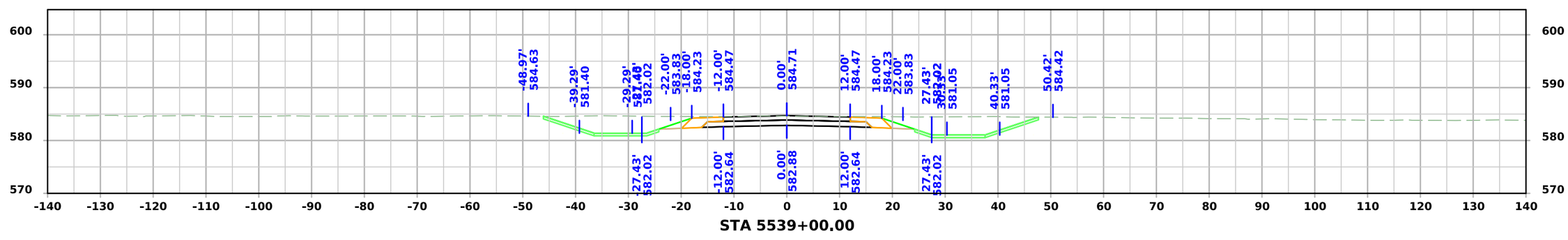
STA 5537+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1001

100th St W

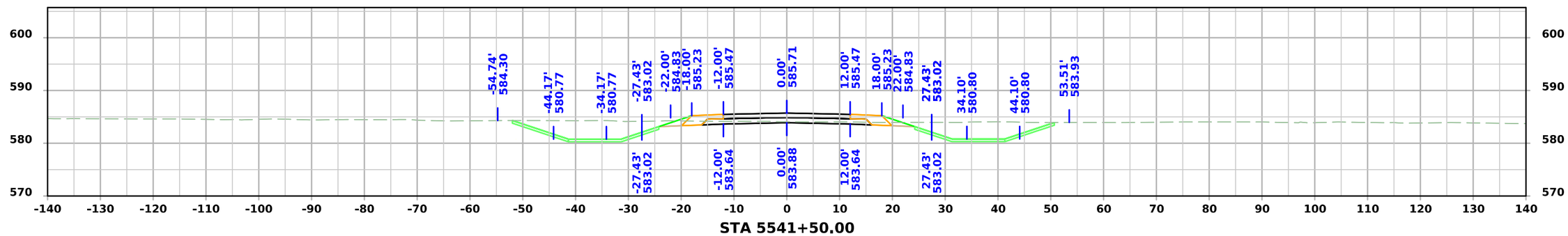




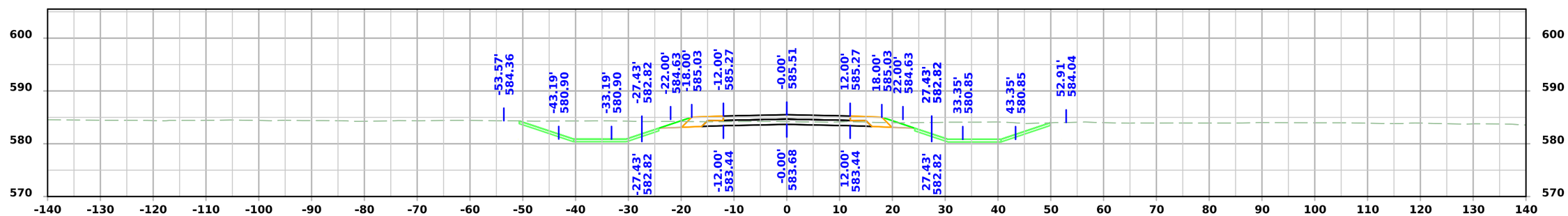


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1002

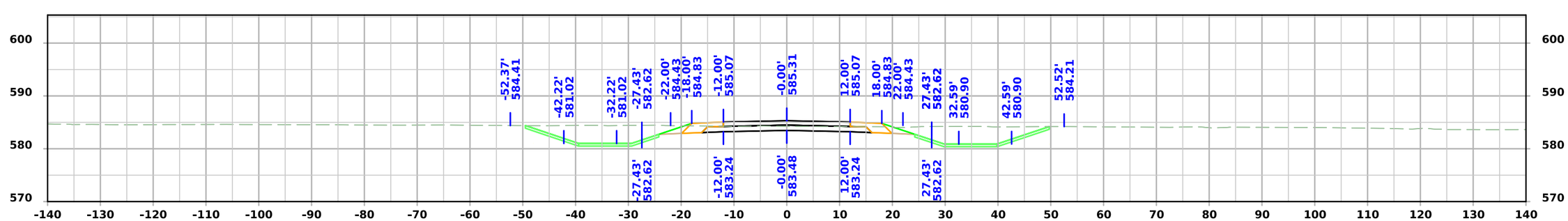
100th St W



STA 5541+50.00



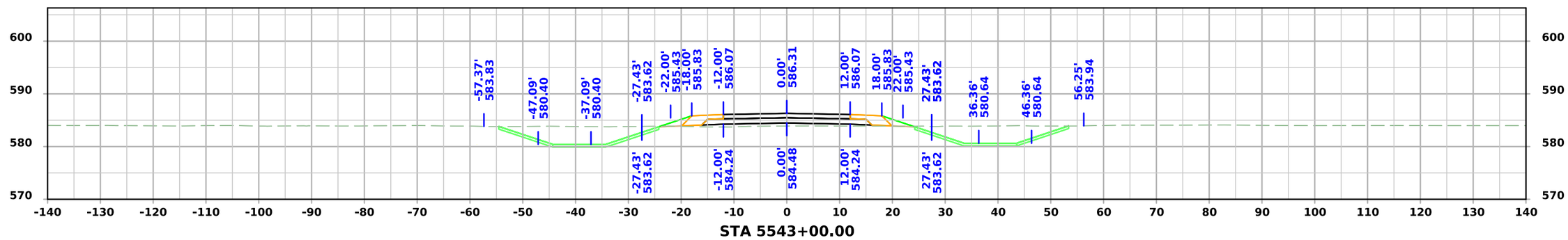
STA 5541+00.00

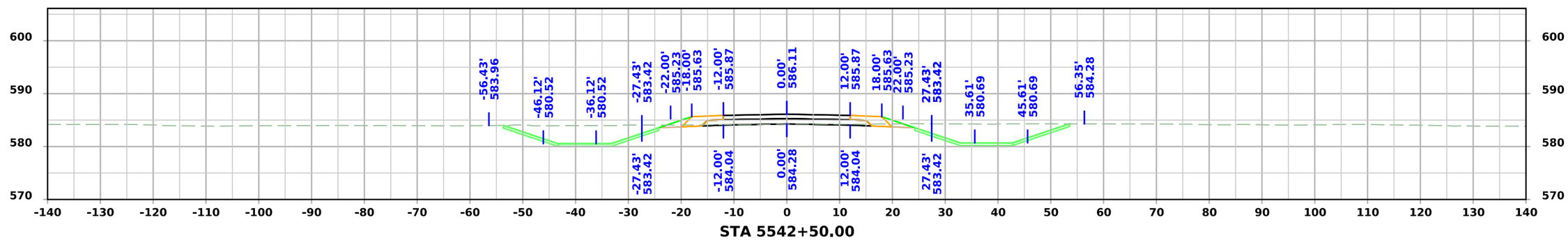


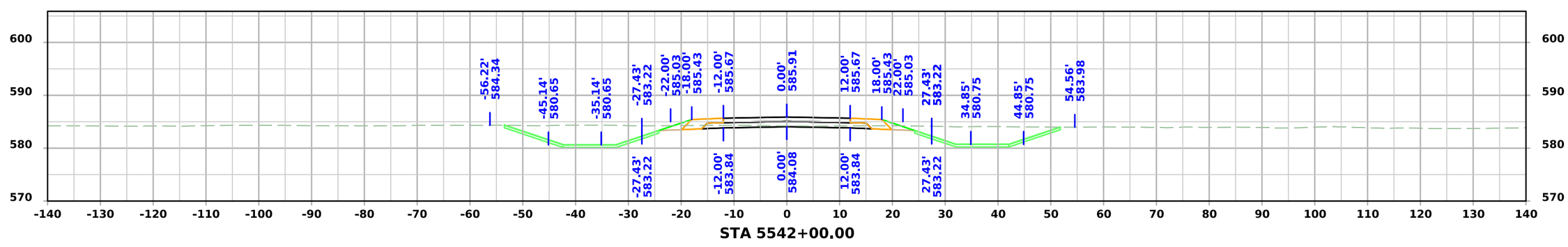
STA 5540+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1003

100th St W



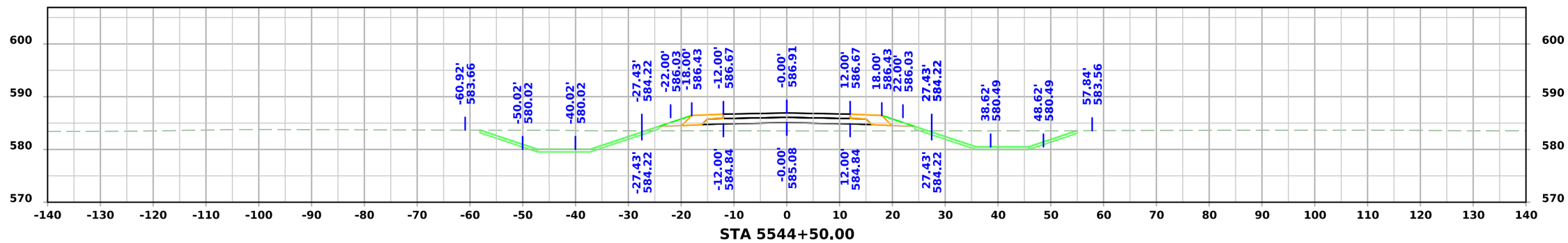


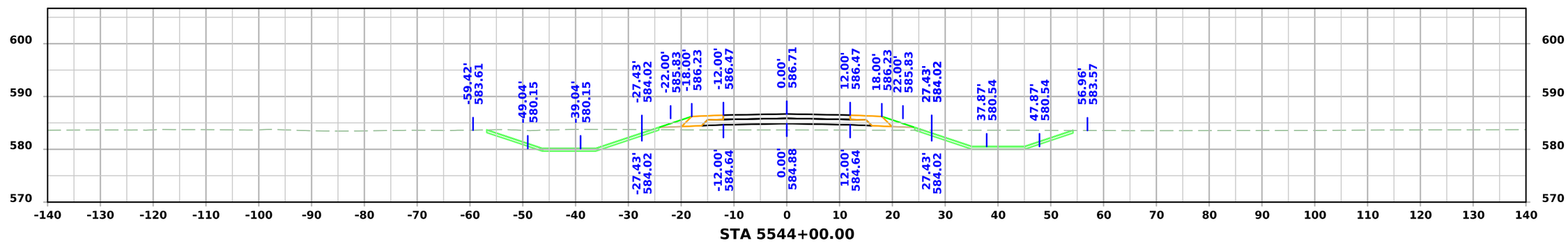


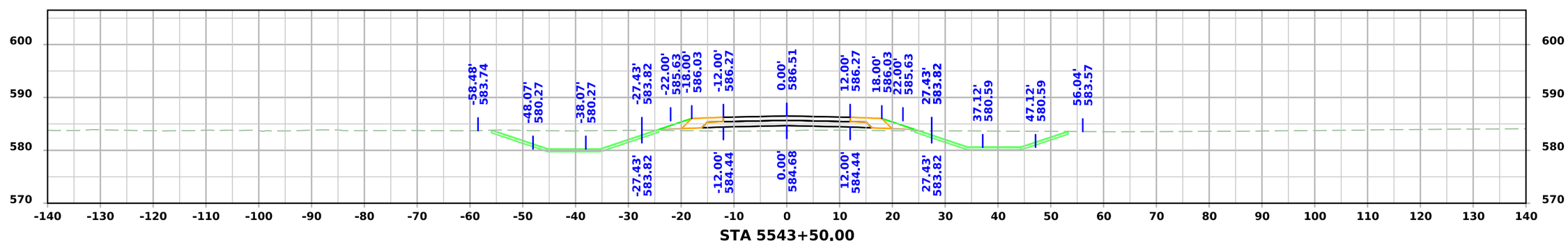
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1004

11:09:52 AM 3/17/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1000_SR100W_58061061Z14.dgn

100th St W



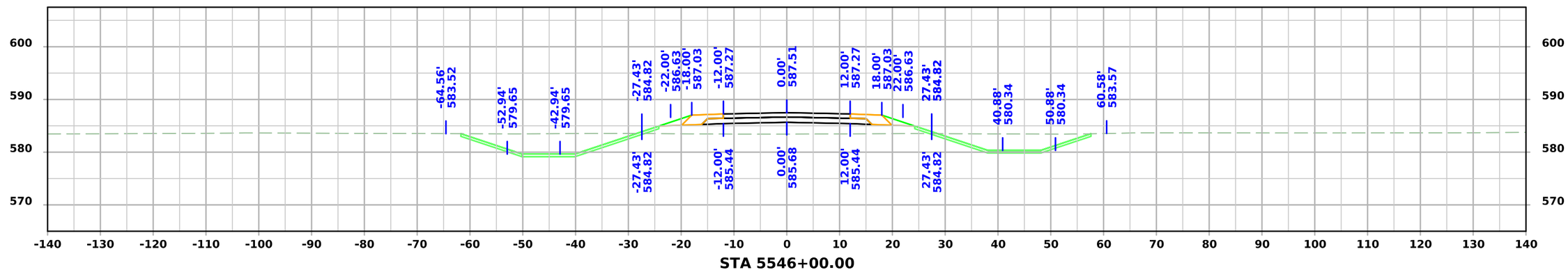


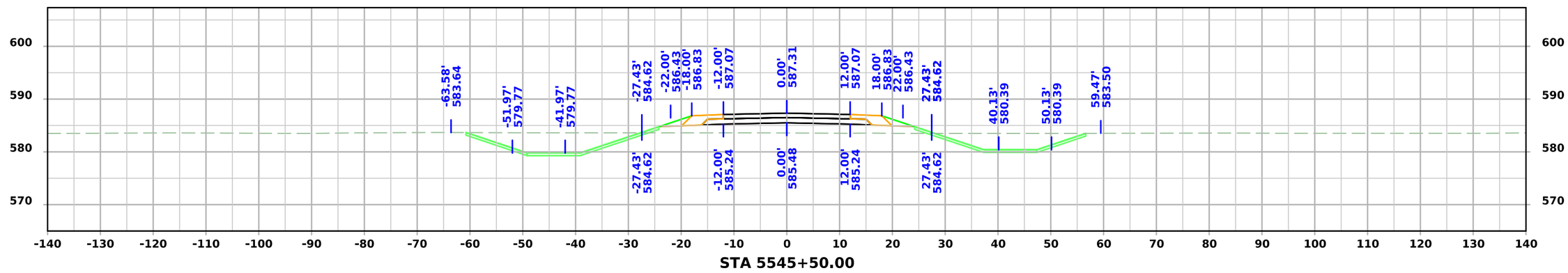


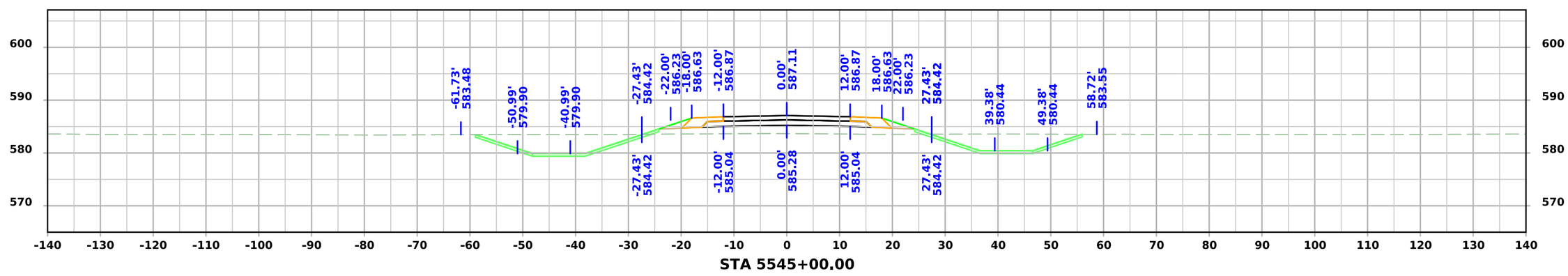
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1005

11:09:55 AM 3/17/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1000_SR100W_58061061Z14.dgn

100th St W



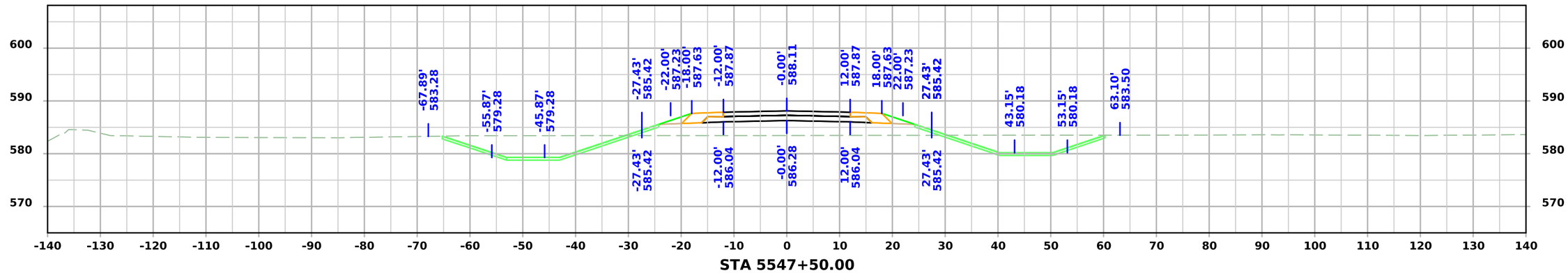




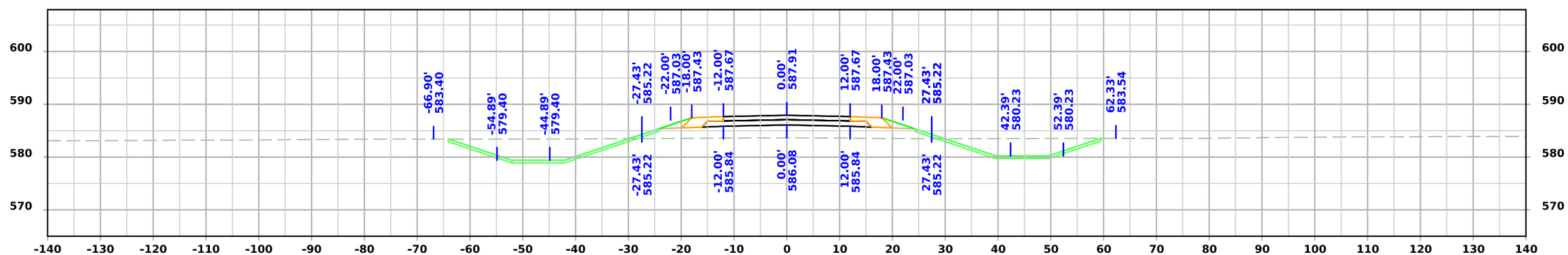
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1006

11:09:58 AM 3/17/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1000_SR100W_58061061Z14.dgn

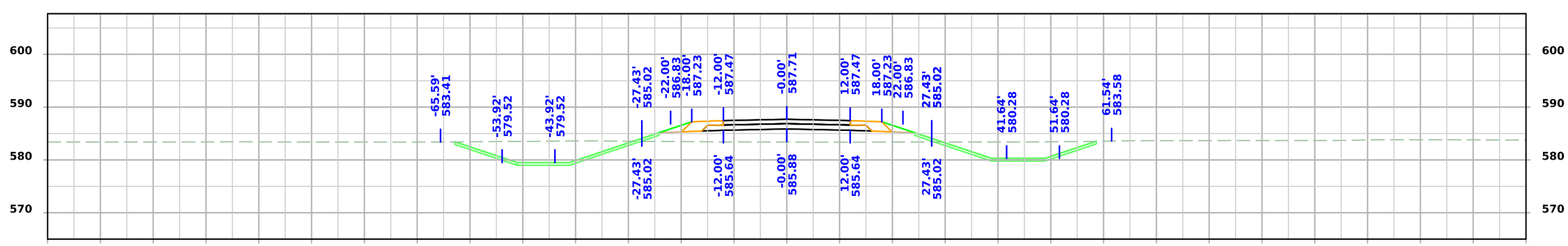
100th St W



STA 5547+50.00



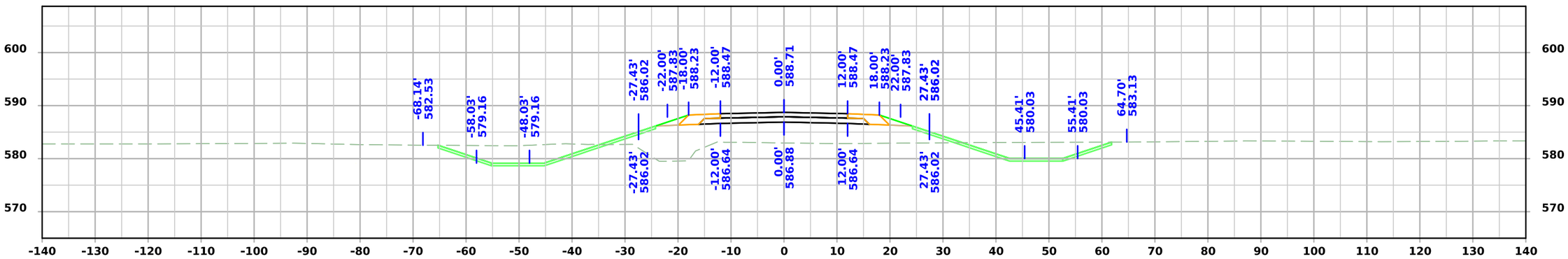
STA 5547+00.00



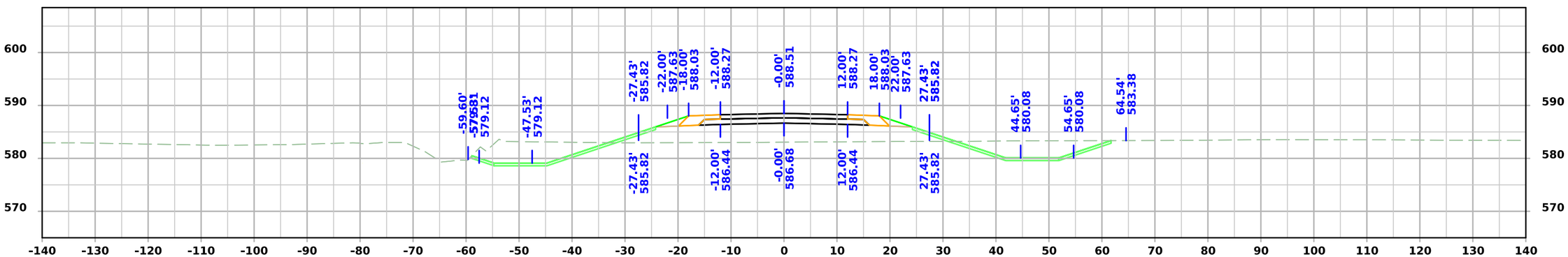
STA 5546+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1007

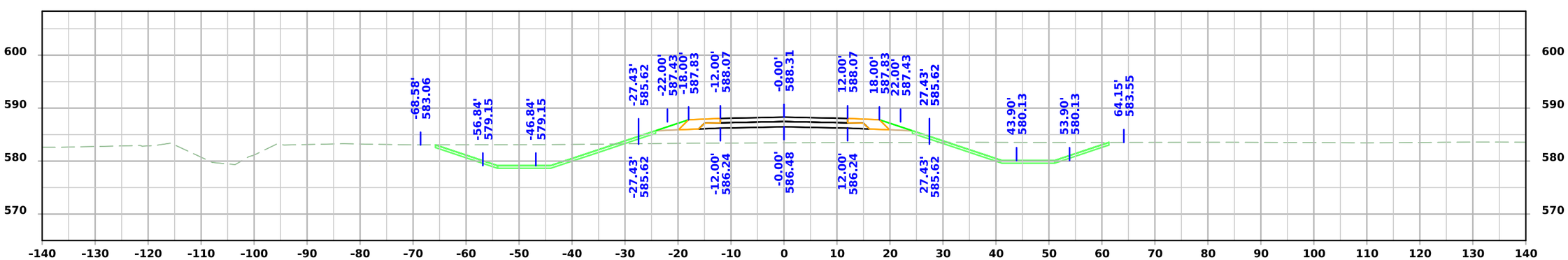
100th St W



STA 5549+00.00



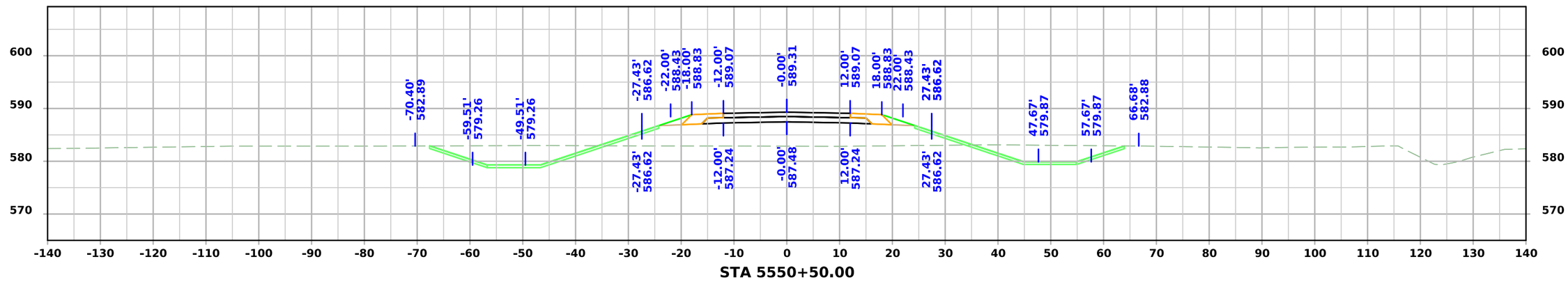
STA 5548+50.00



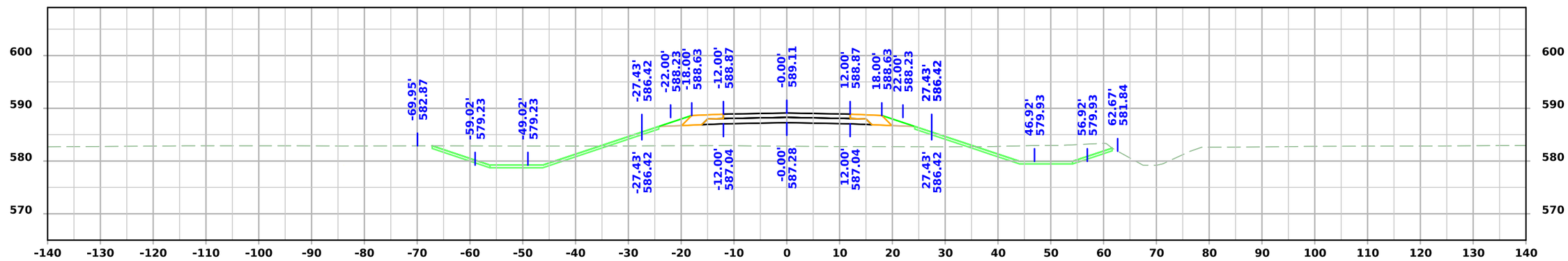
STA 5548+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1008

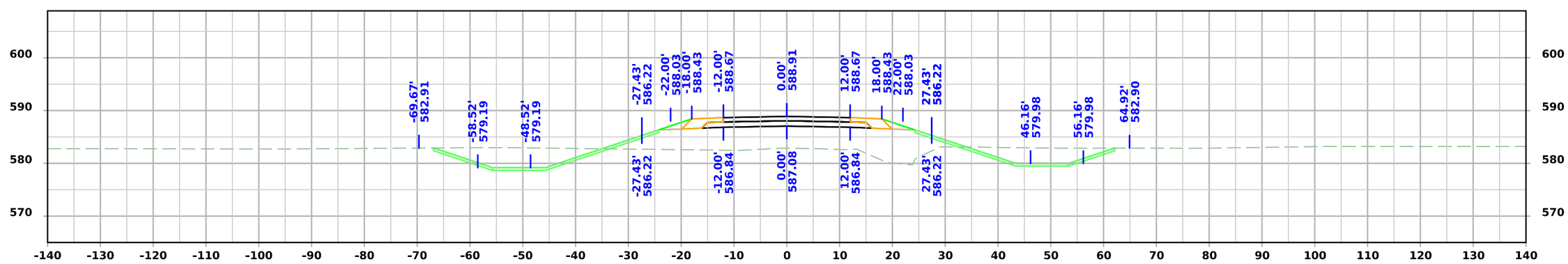
100th St W



STA 5550+50.00



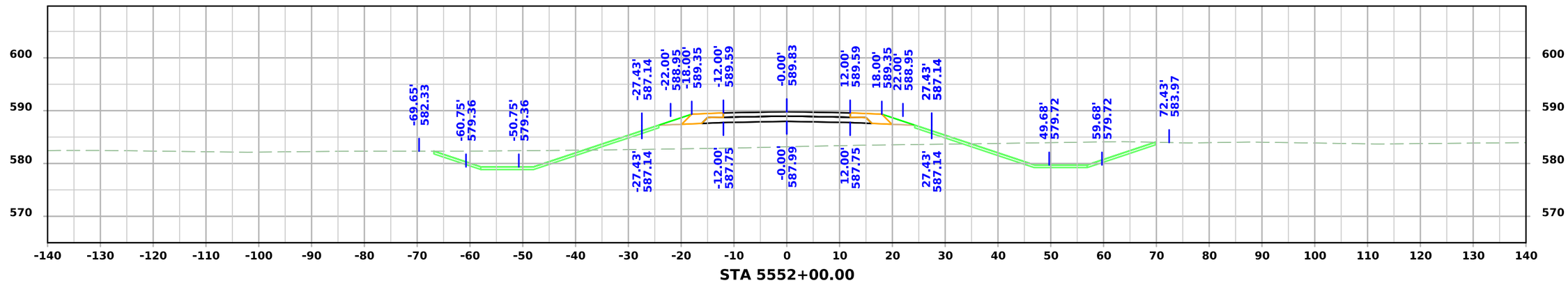
STA 5550+00.00



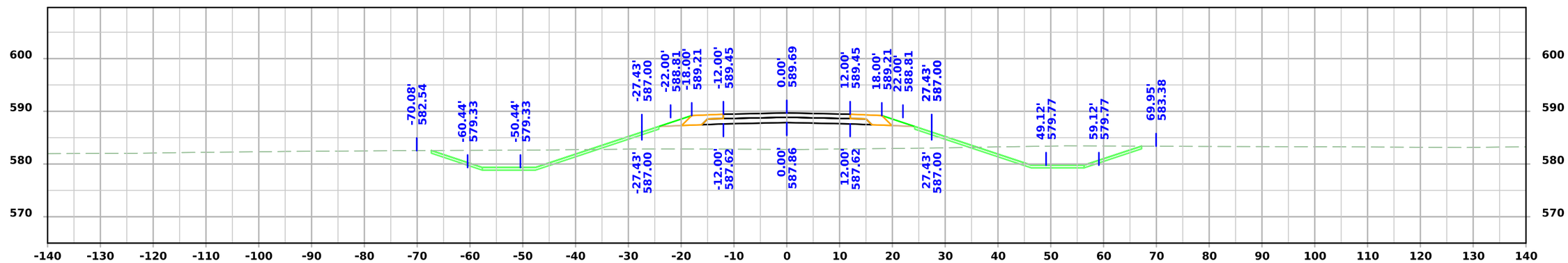
STA 5549+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1009

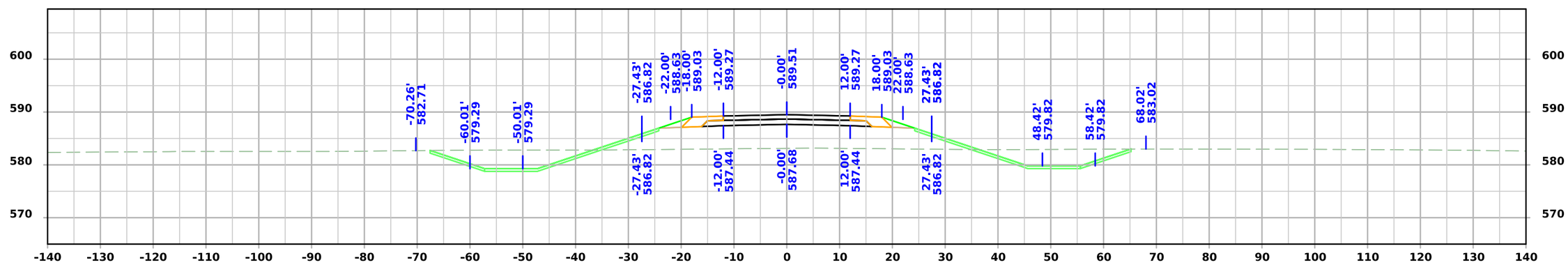
100th St W



STA 5552+00.00



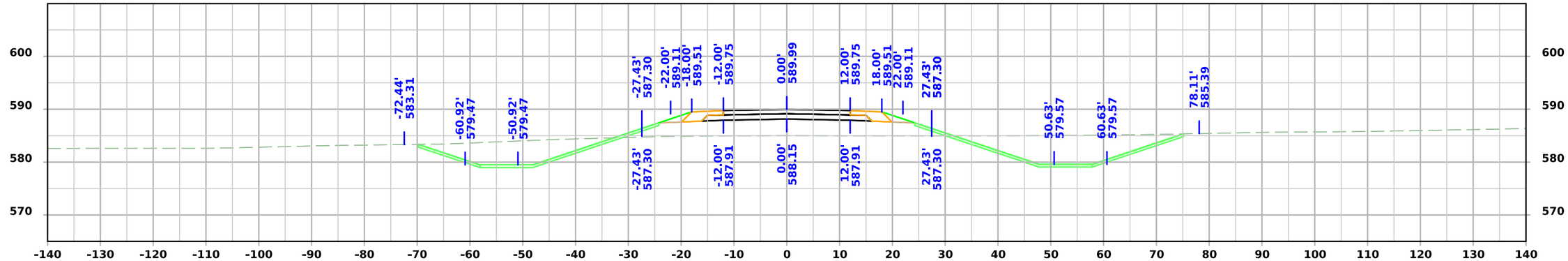
STA 5551+50.00



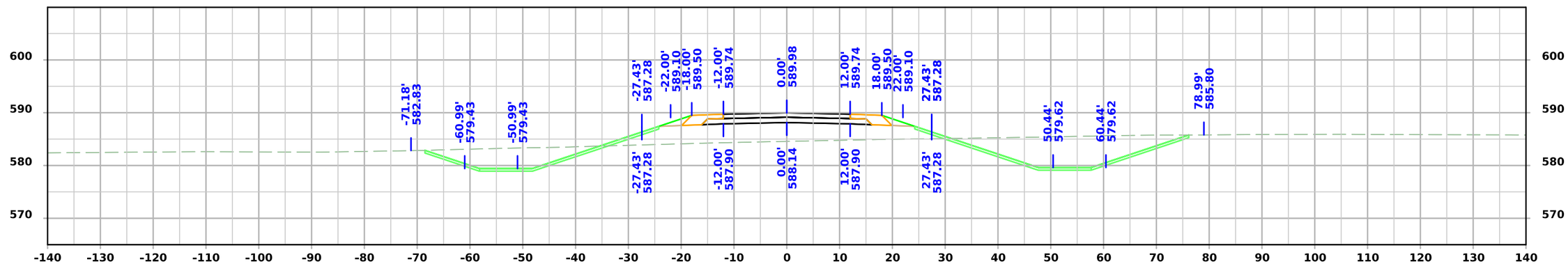
STA 5551+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1010

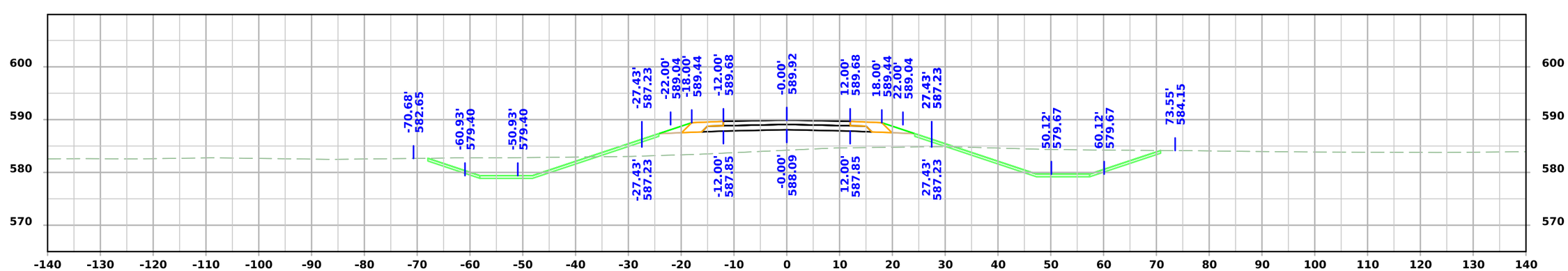
100th St W



STA 5553+50.00



STA 5553+00.00

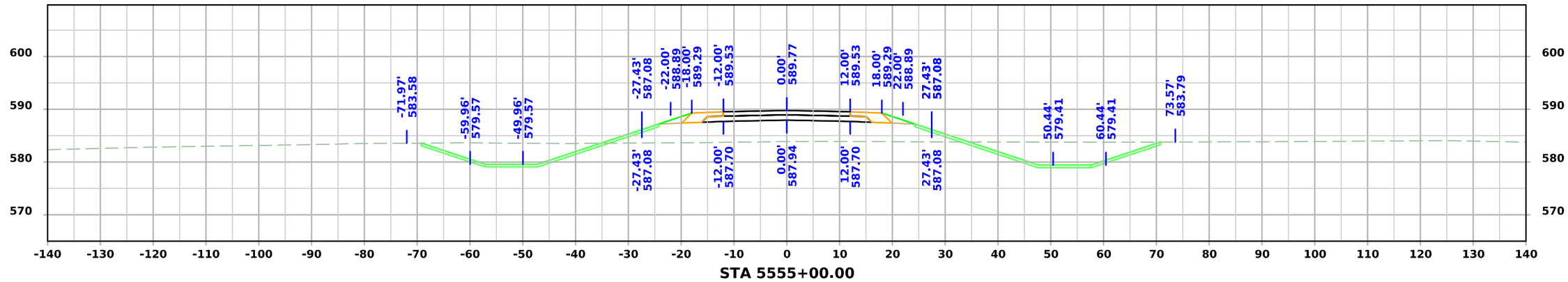


STA 5552+50.00

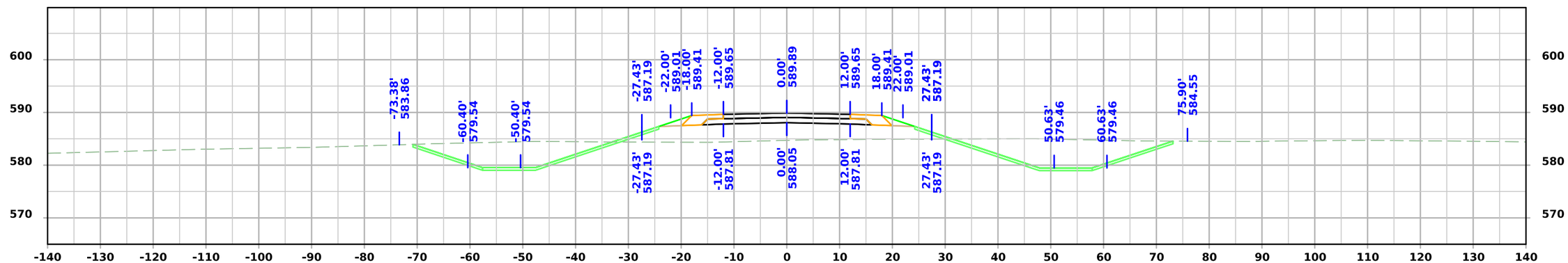
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1011

11:10:10 AM 3/17/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1000_SR100W_58061061Z14.dgn

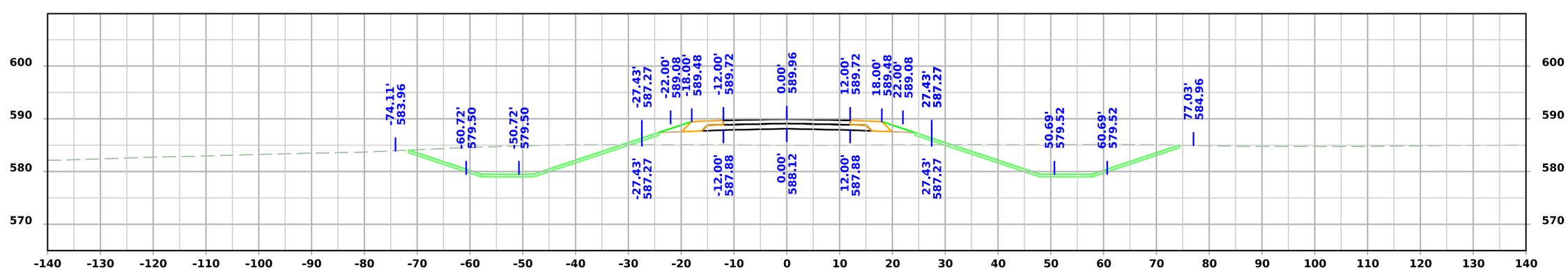
100th St W



STA 5555+00.00



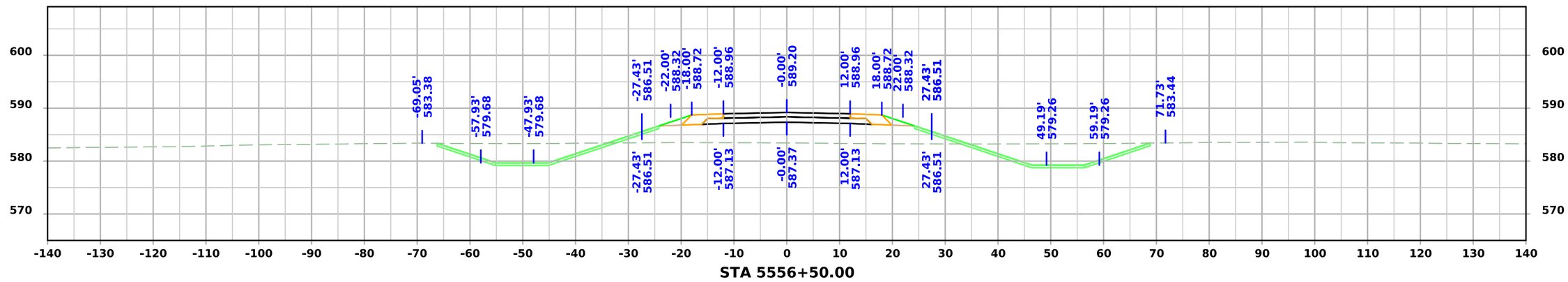
STA 5554+50.00



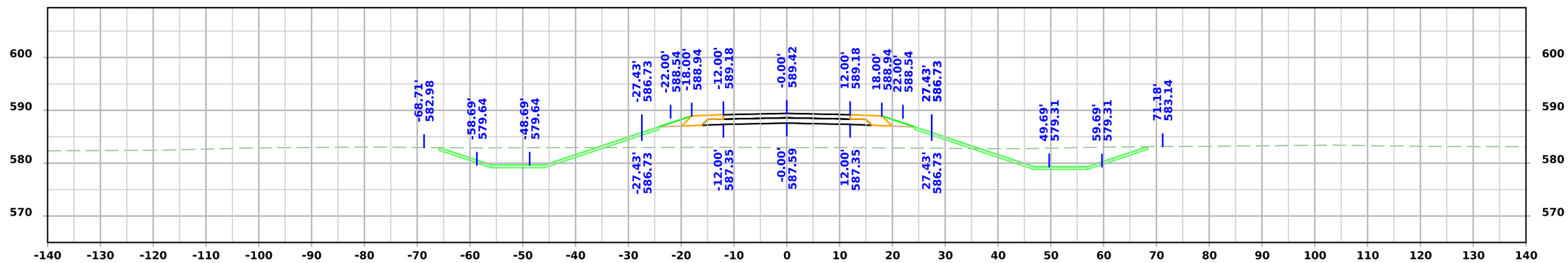
STA 5554+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1012

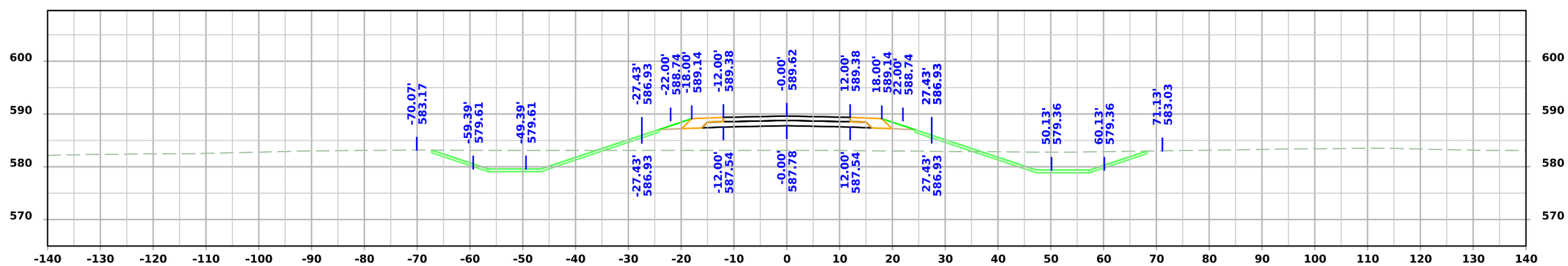
100th St W



STA 5556+50.00



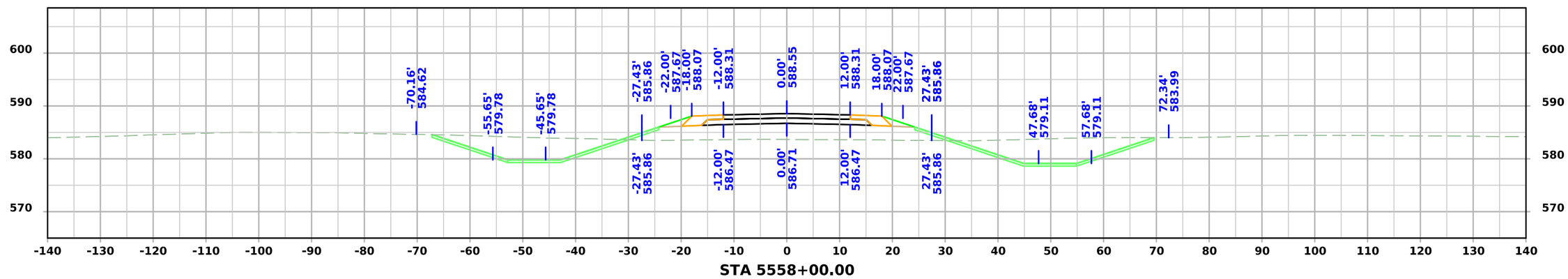
STA 5556+00.00



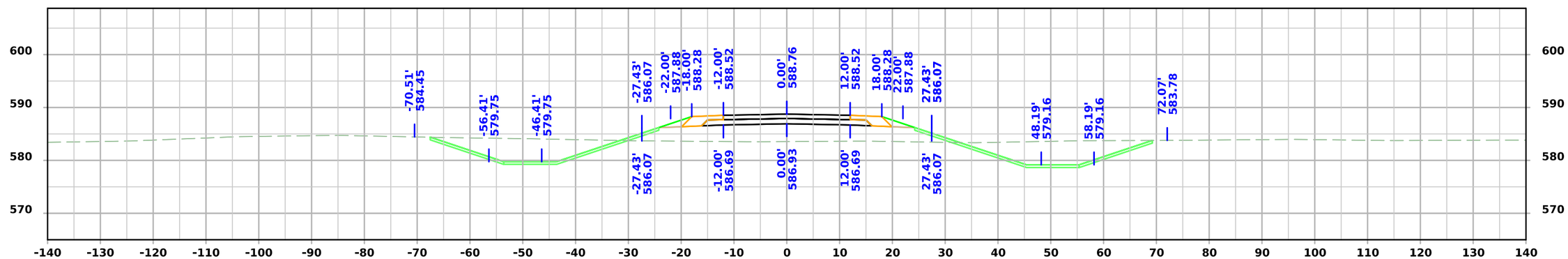
STA 5555+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1013

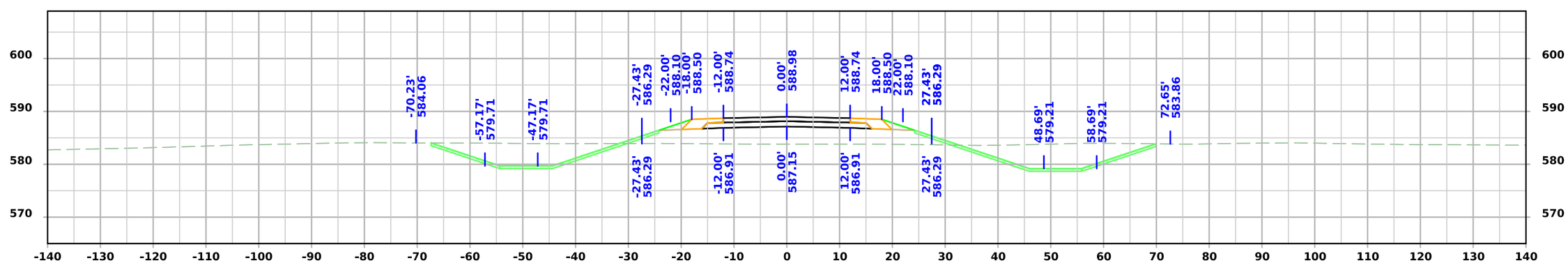
100th St W



STA 5558+00.00



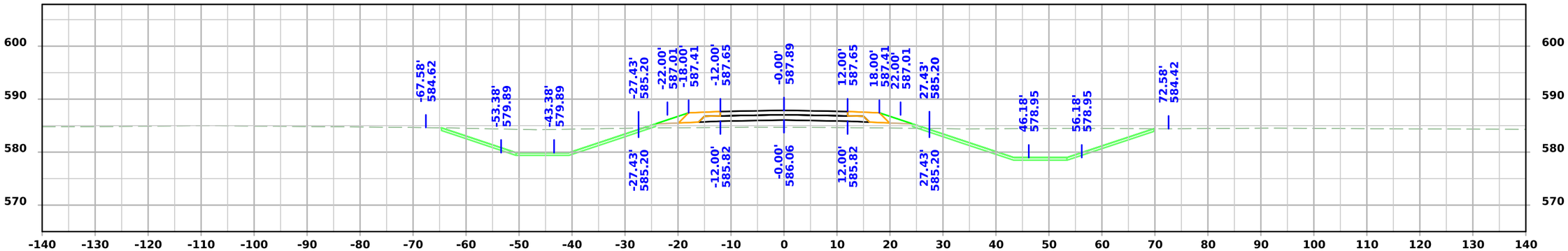
STA 5557+50.00



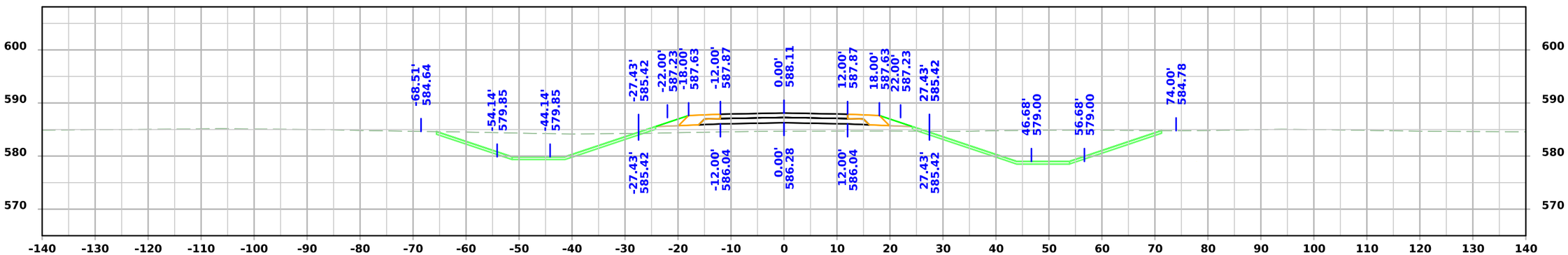
STA 5557+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1014

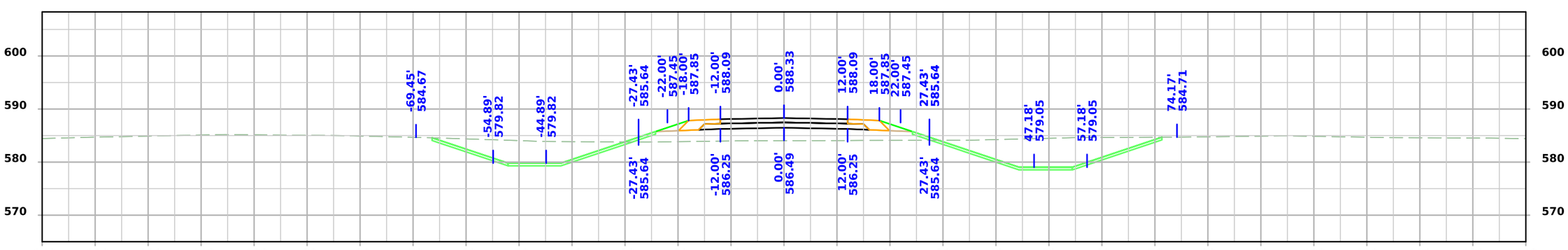
100th St W



STA 5559+50.00



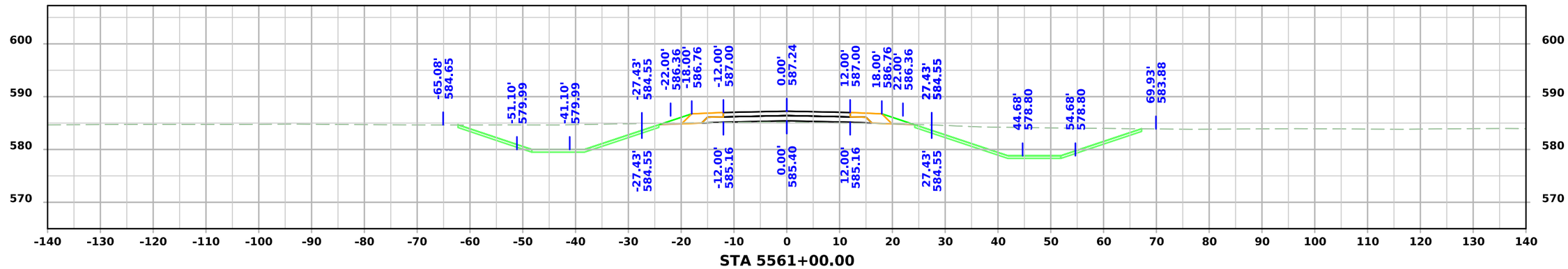
STA 5559+00.00

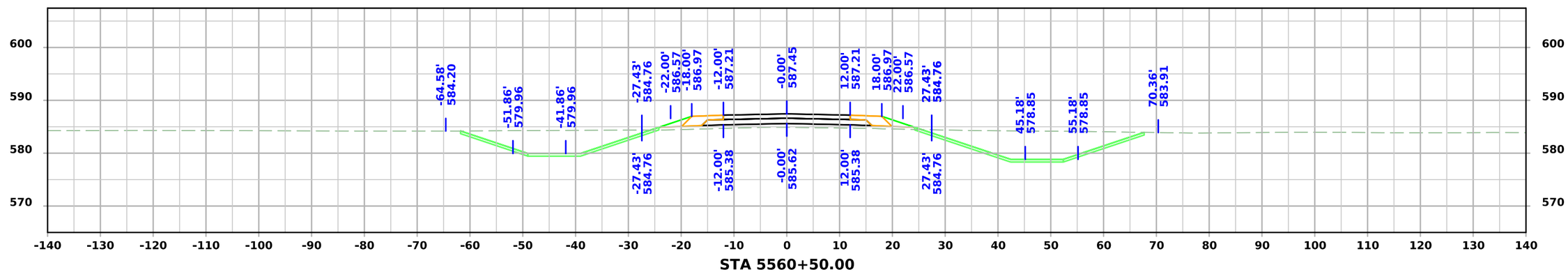


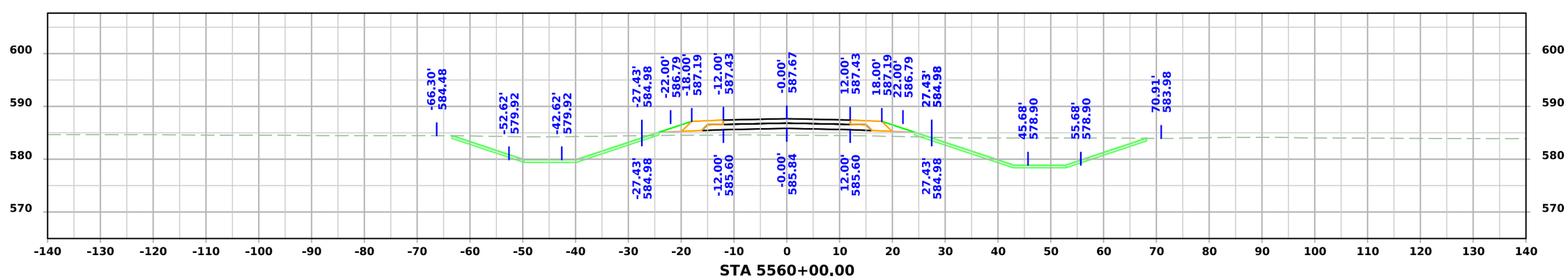
STA 5558+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1015

100th St W

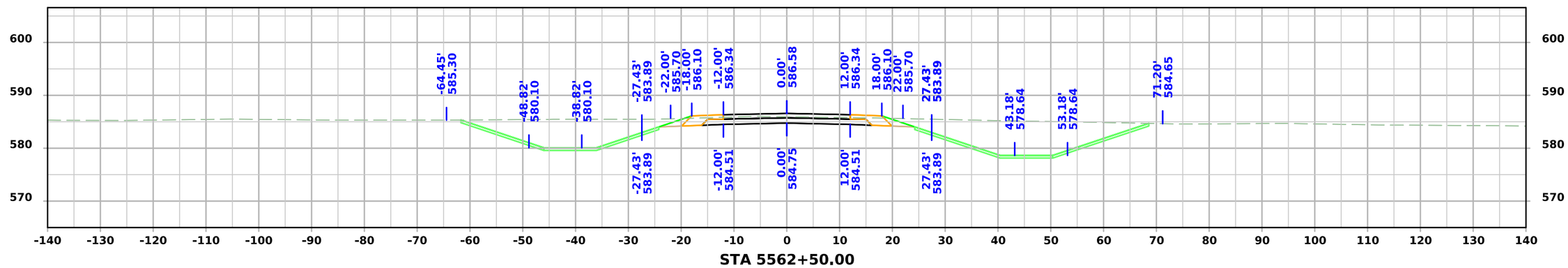




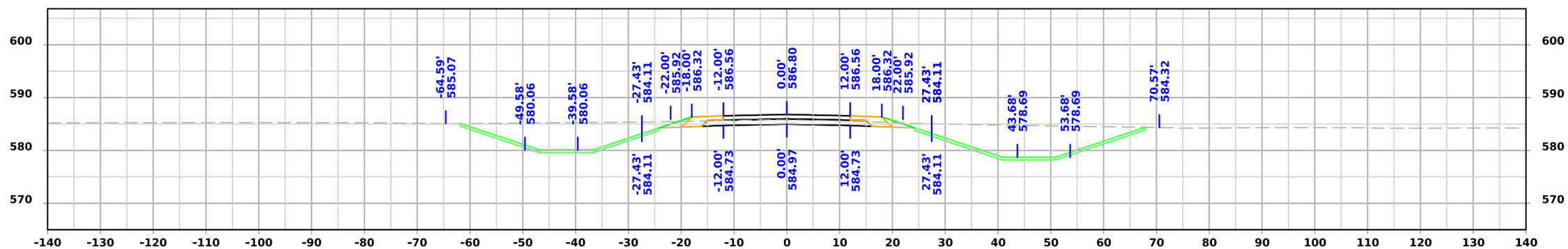


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1016

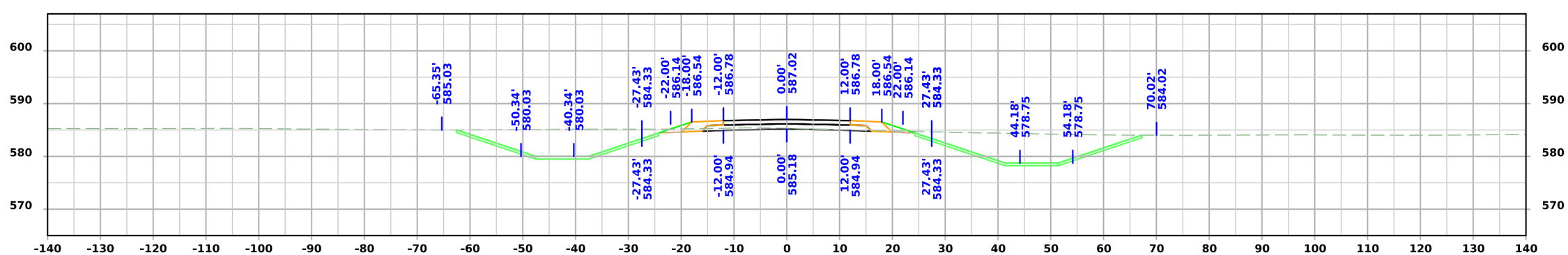
100th St W



STA 5562+50.00



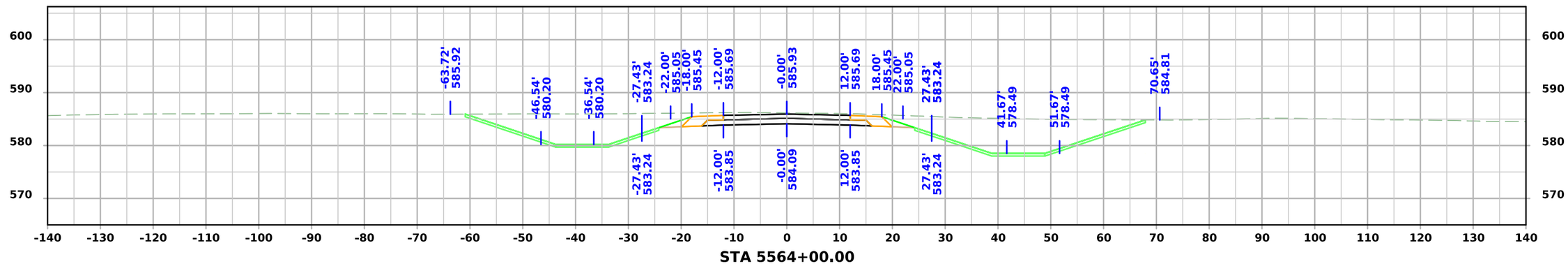
STA 5562+00.00



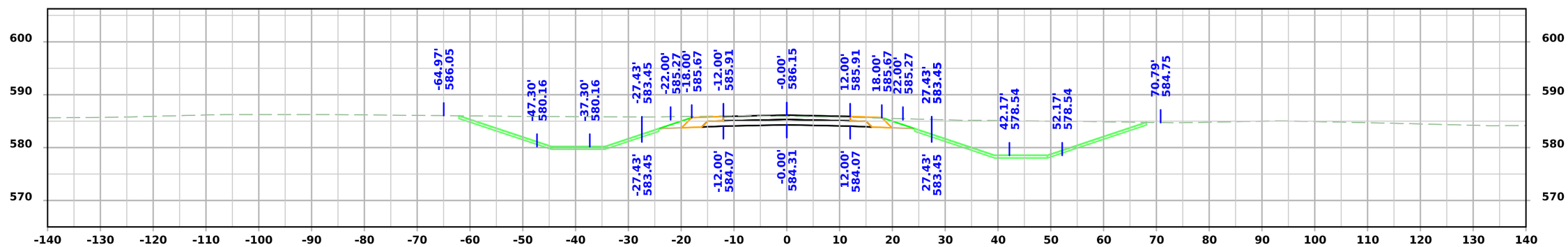
STA 5561+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1017

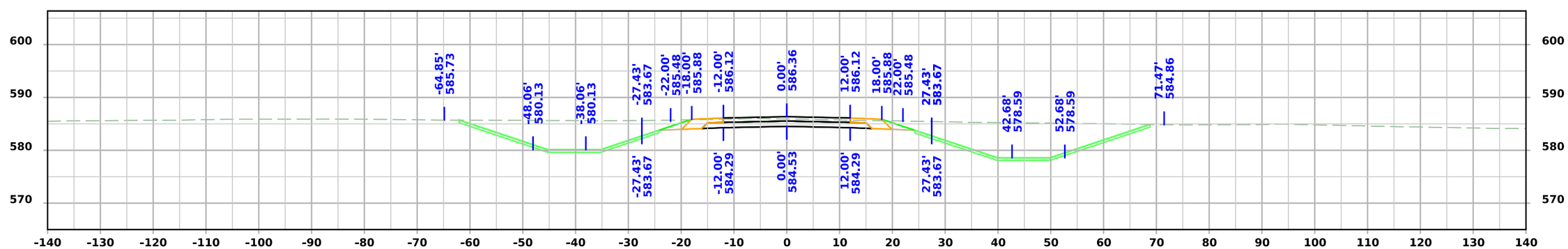
100th St W



STA 5564+00.00



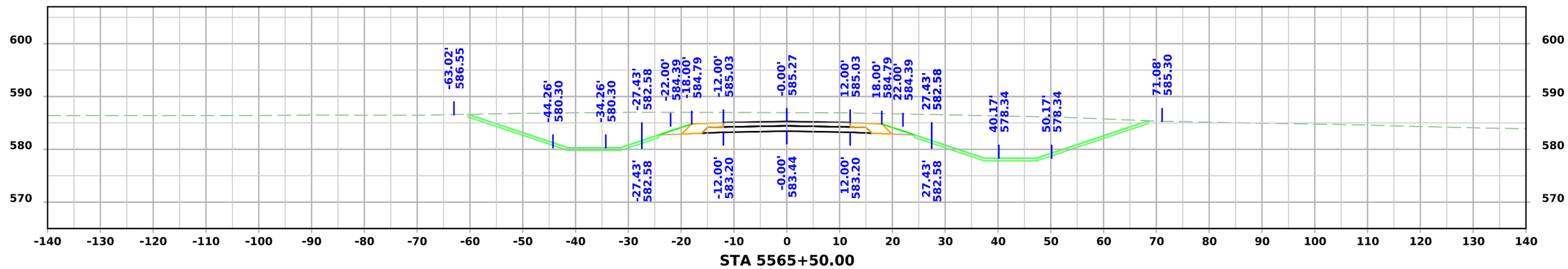
STA 5563+50.00



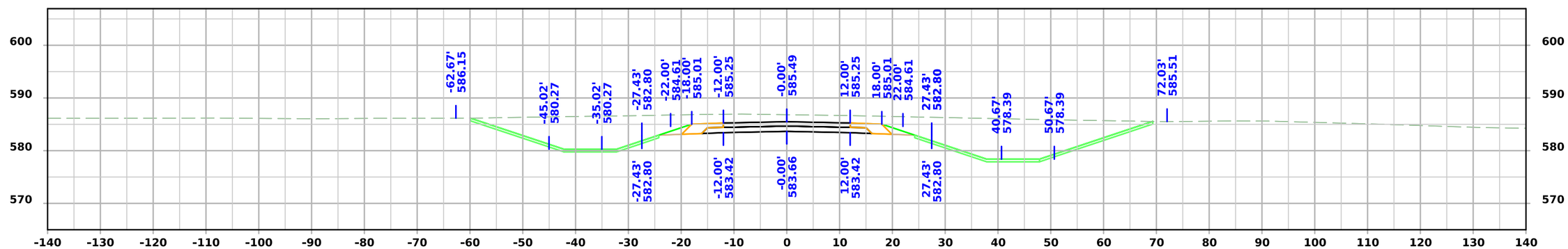
STA 5563+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1018

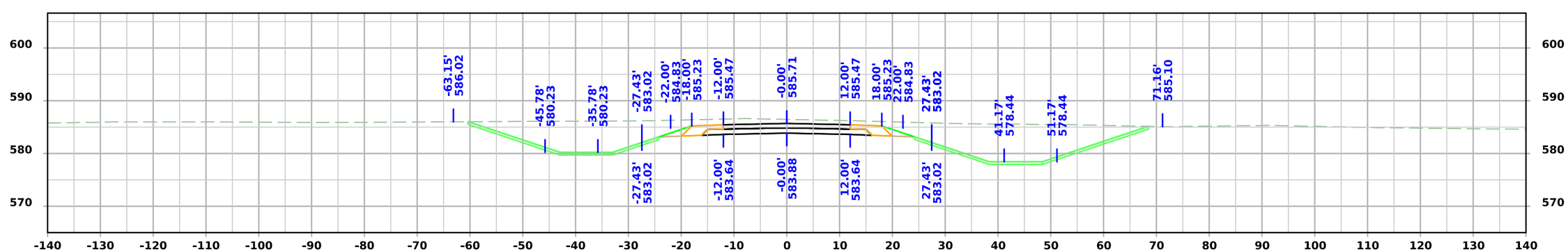
100th St W



STA 5565+50.00



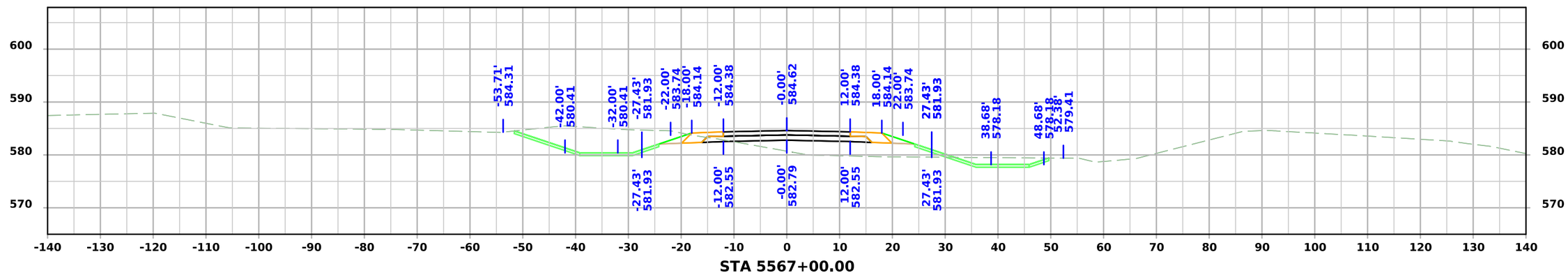
STA 5565+00.00

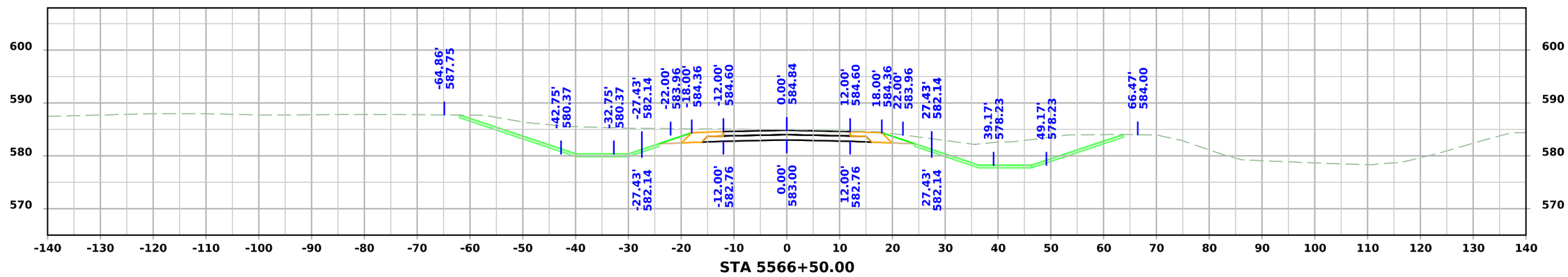


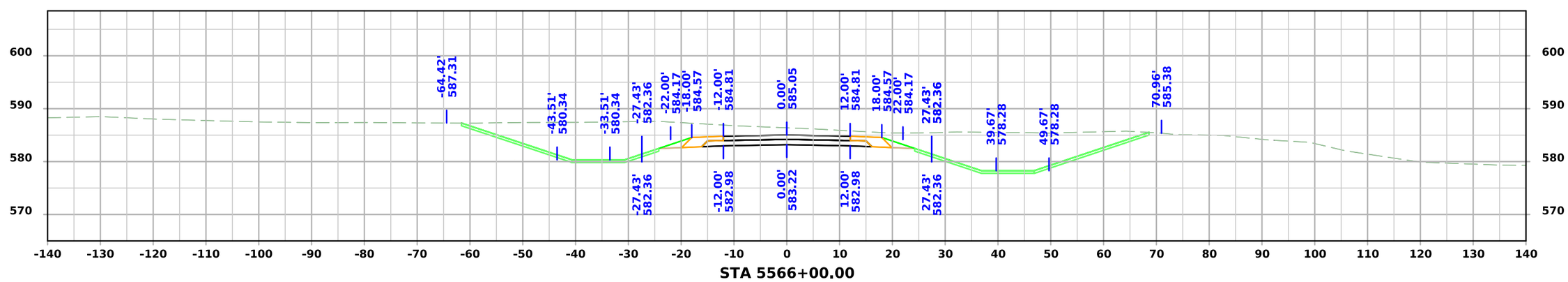
STA 5564+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1019

100th St W



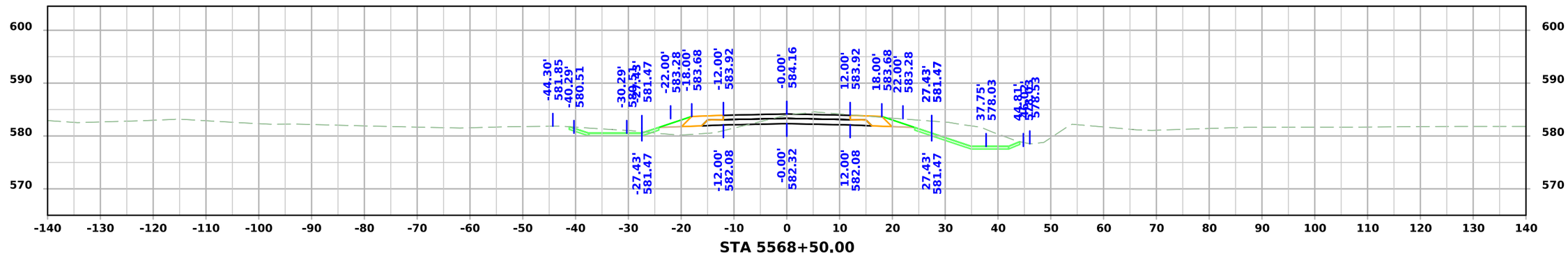




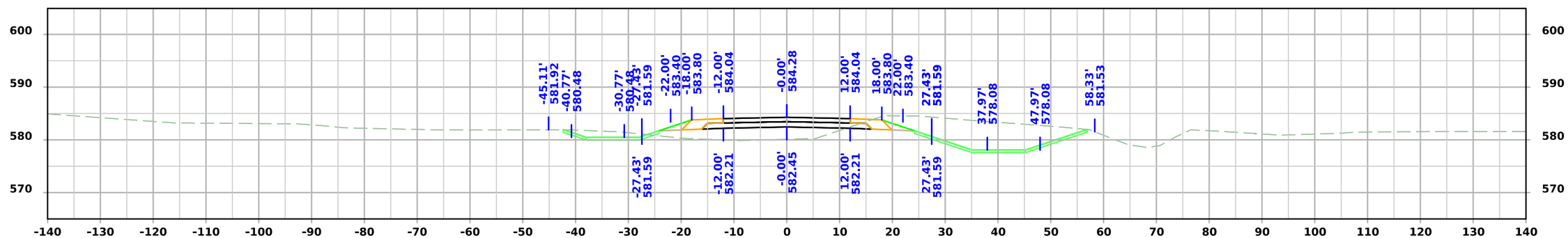
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1020

11:10:33 AM 3/17/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1000_SR100W_58061061Z14.dgn

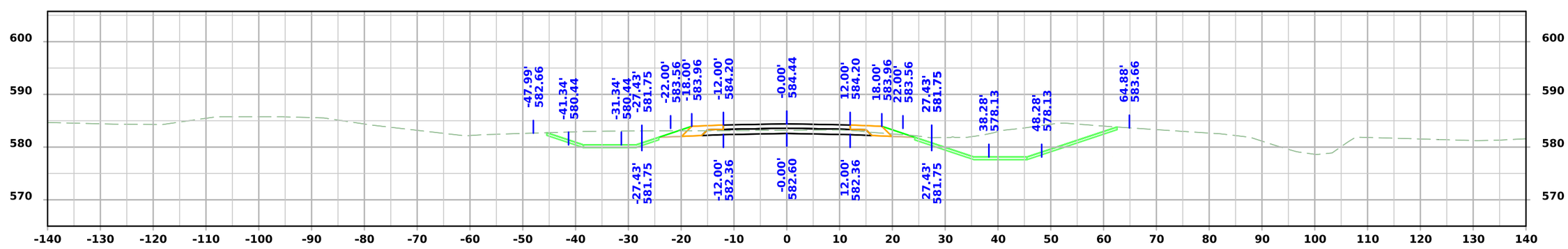
100th St W



STA 5568+50.00



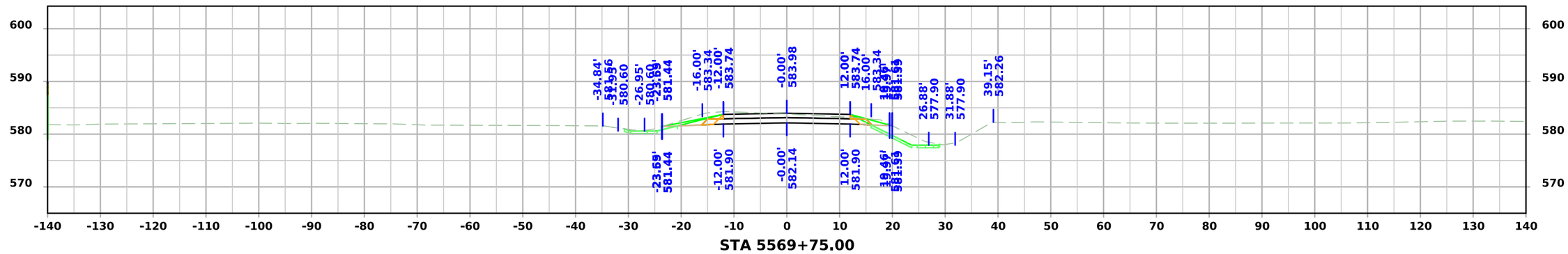
STA 5568+00.00

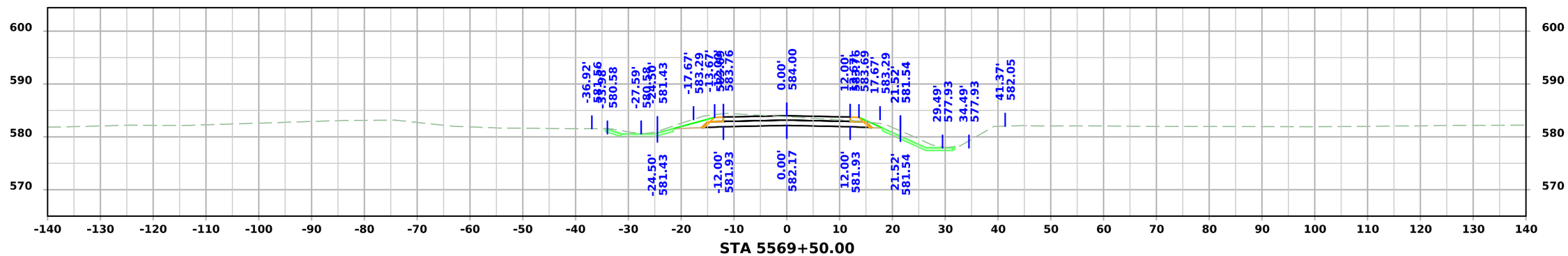


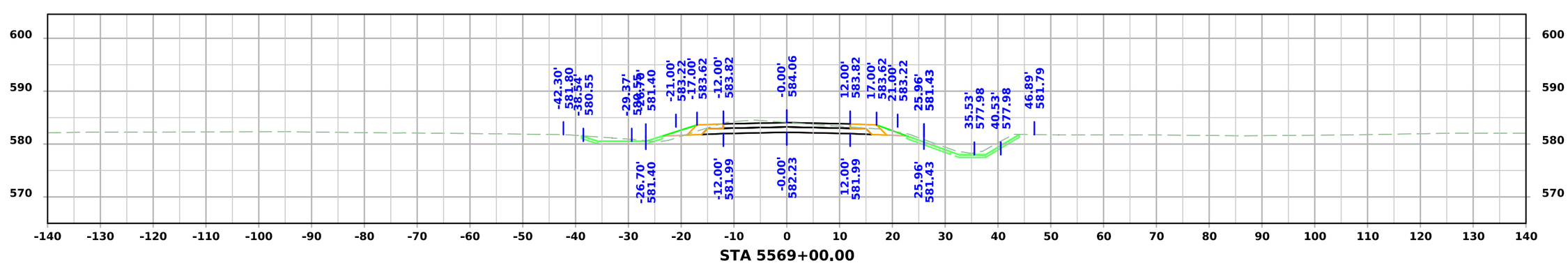
STA 5567+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1021

100th St W

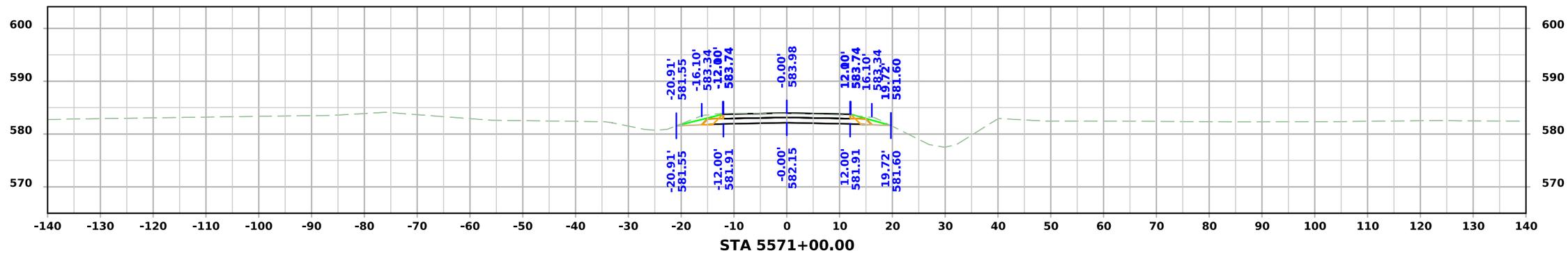


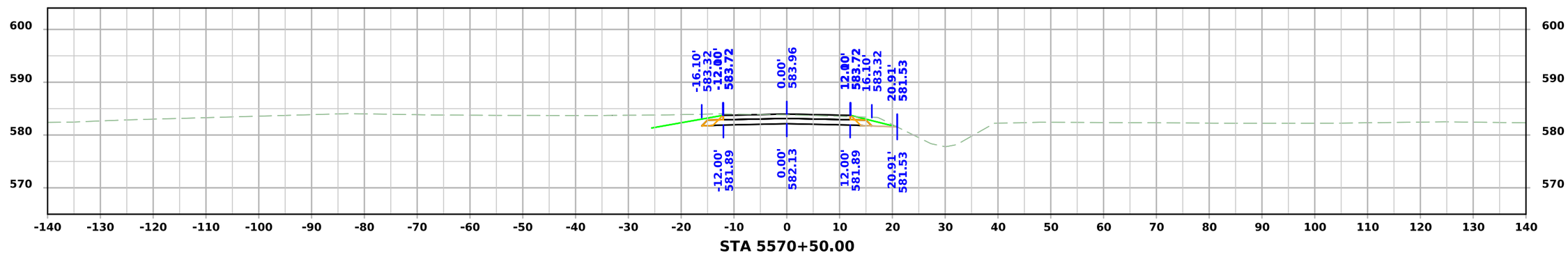


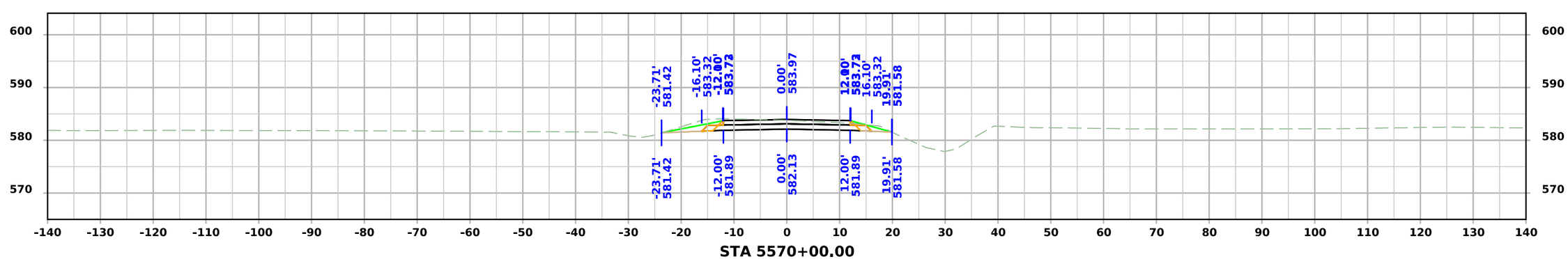


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1022

100th St W



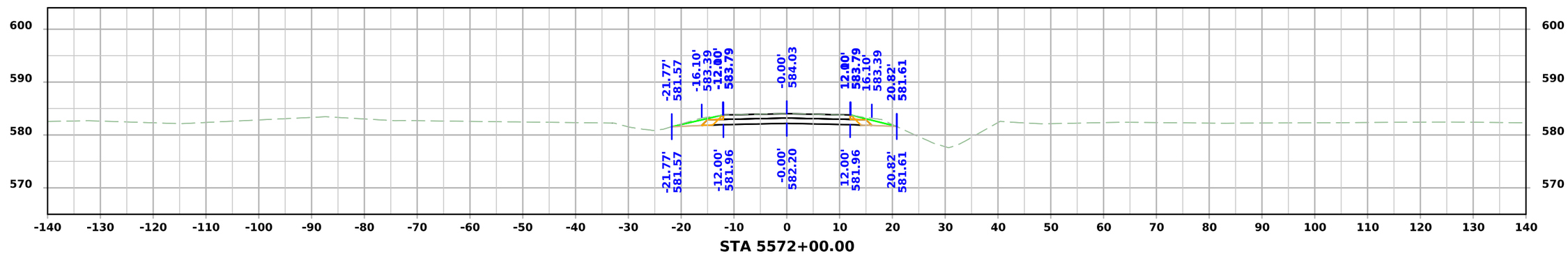




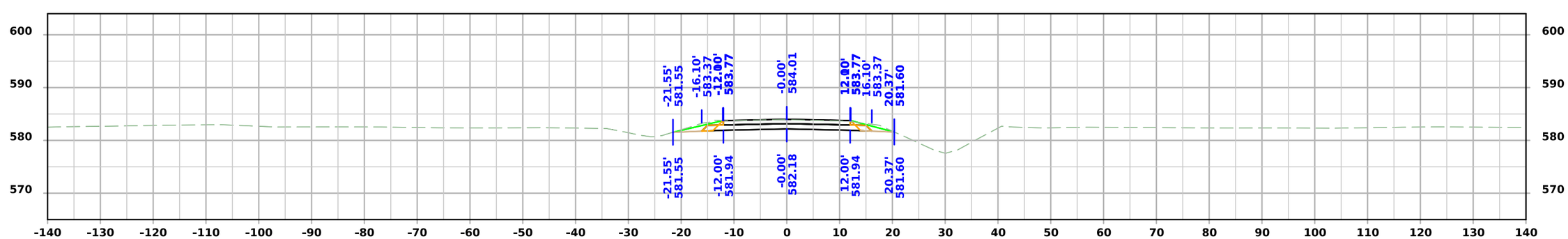
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1023

11:10:42 AM 3/17/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1000_SR100W_58061061Z14.dgn

100th St W



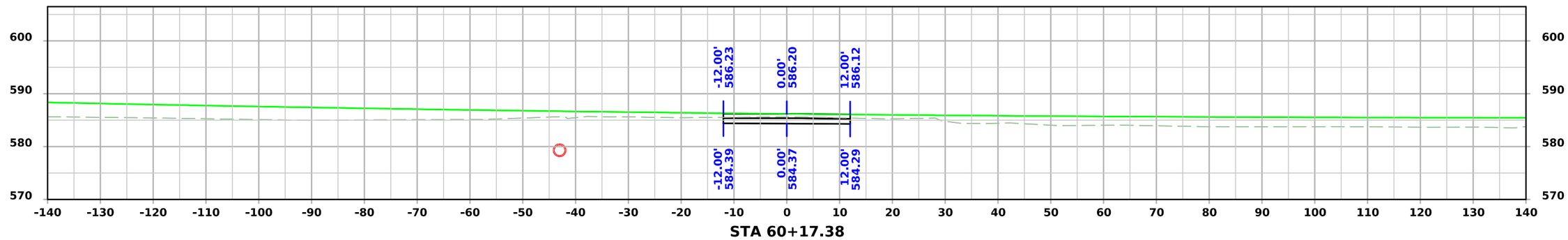
STA 5572+00.00



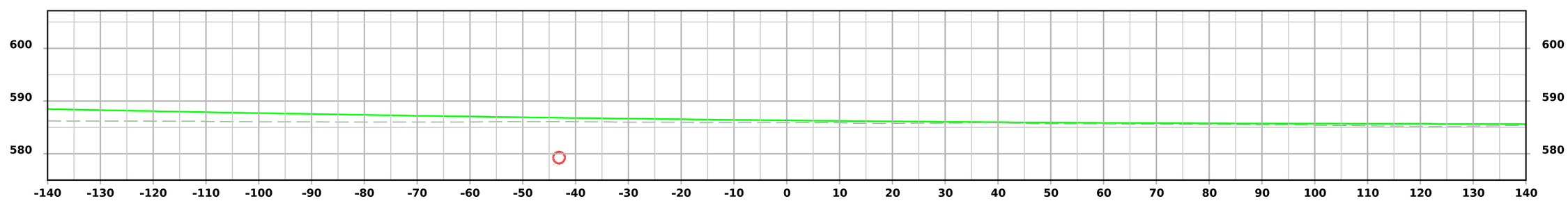
STA 5571+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1024

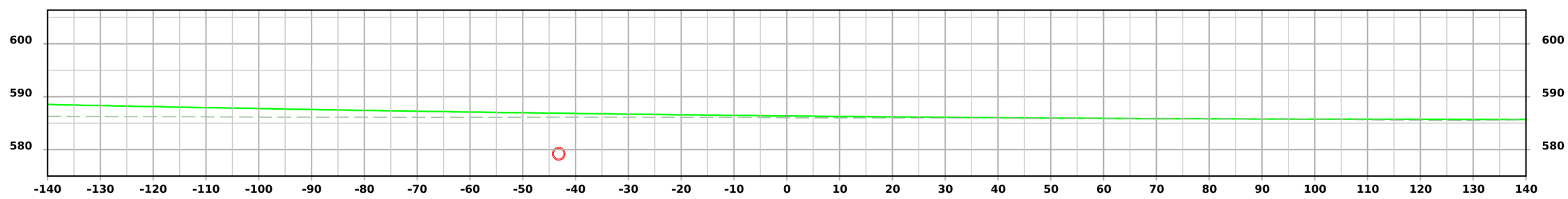
142nd Ave



STA 60+17.38



STA 60+11.22

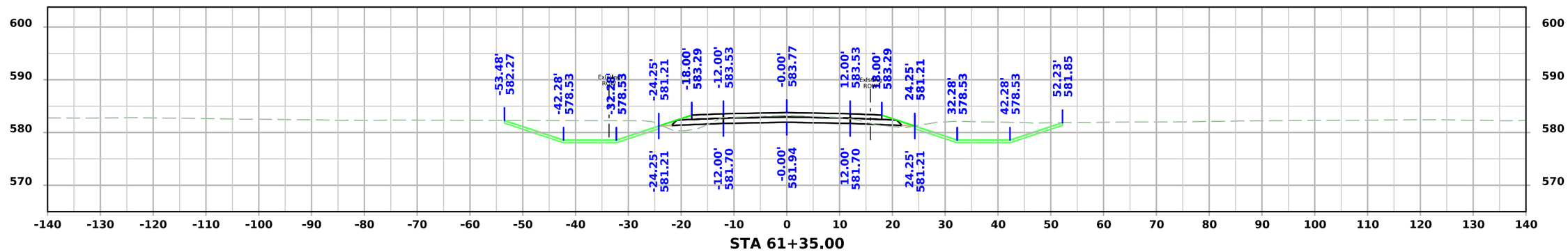


STA 60+08.28

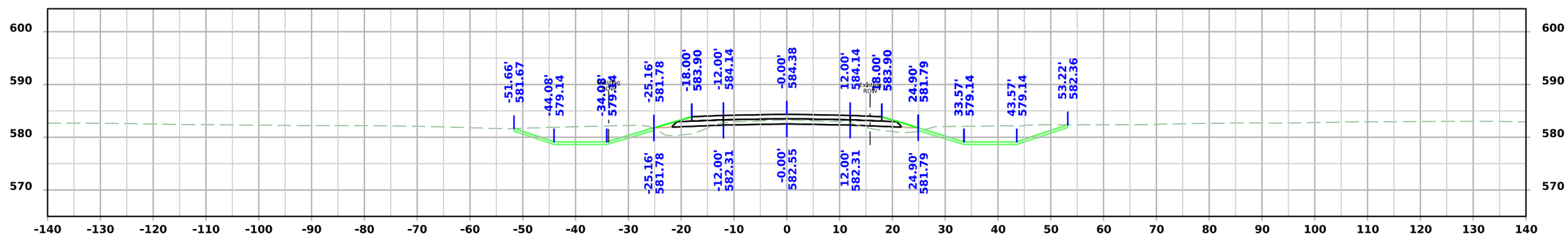
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1100

1:17:09 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1100_SR142_58061061Z14.dgn

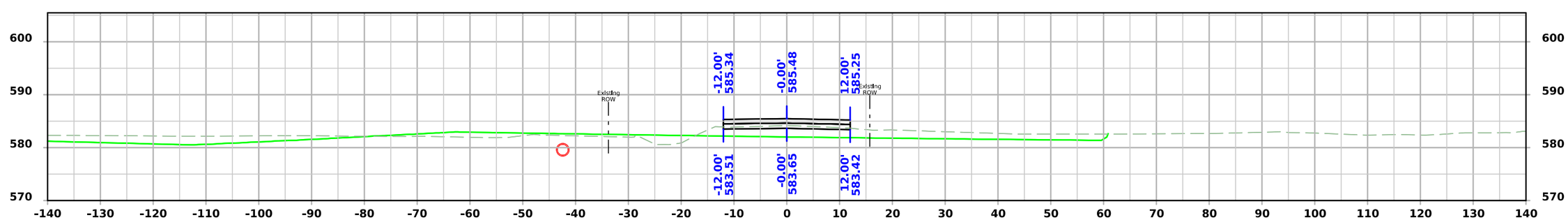
142nd Ave



STA 61+35.00



STA 61+00.00

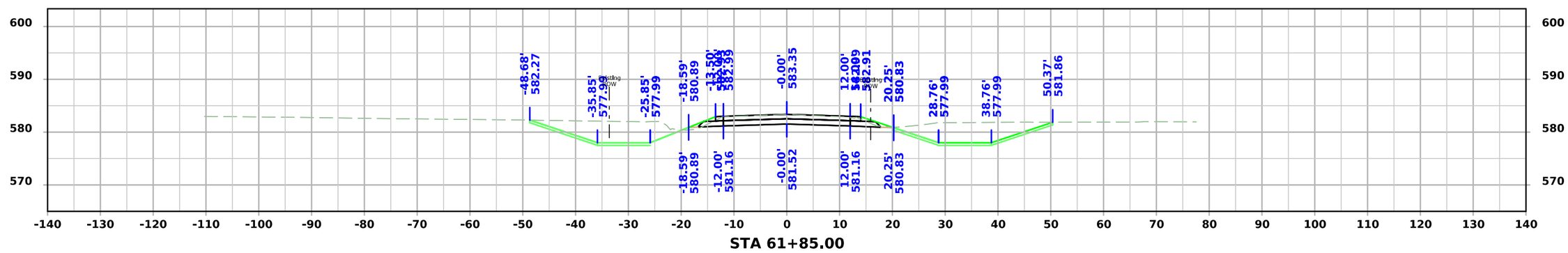


STA 60+50.00

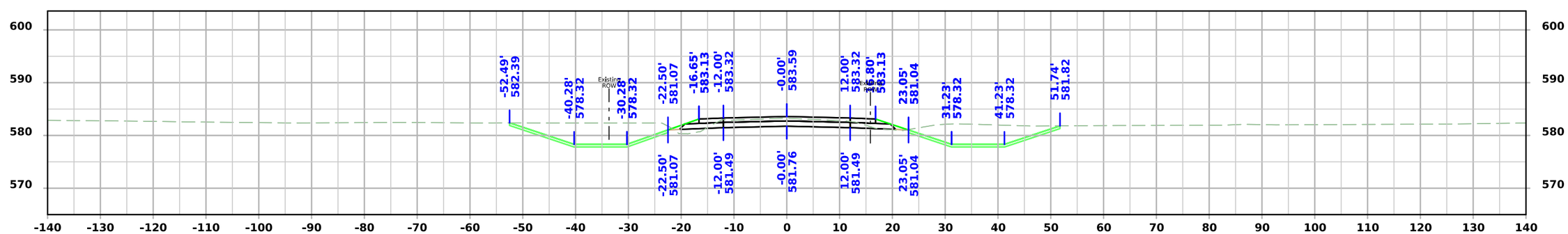
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1101

1:17:11 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1100_SR142_58061061Z14.dgn

142nd Ave



STA 61+85.00

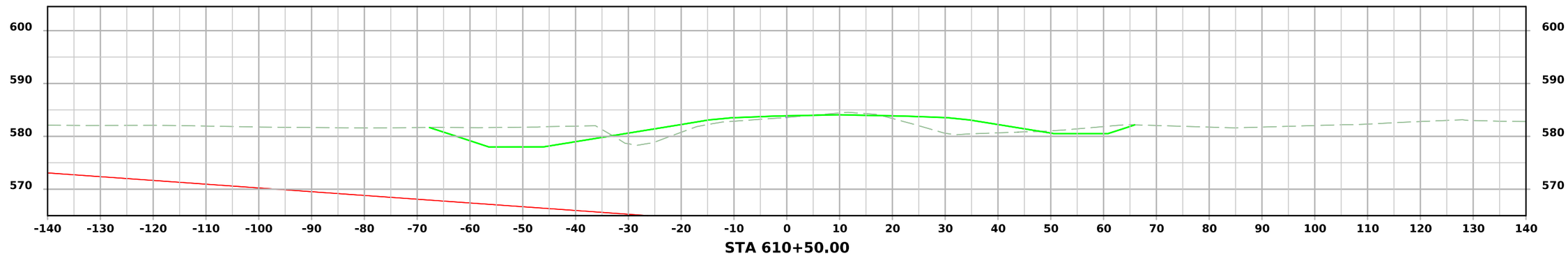


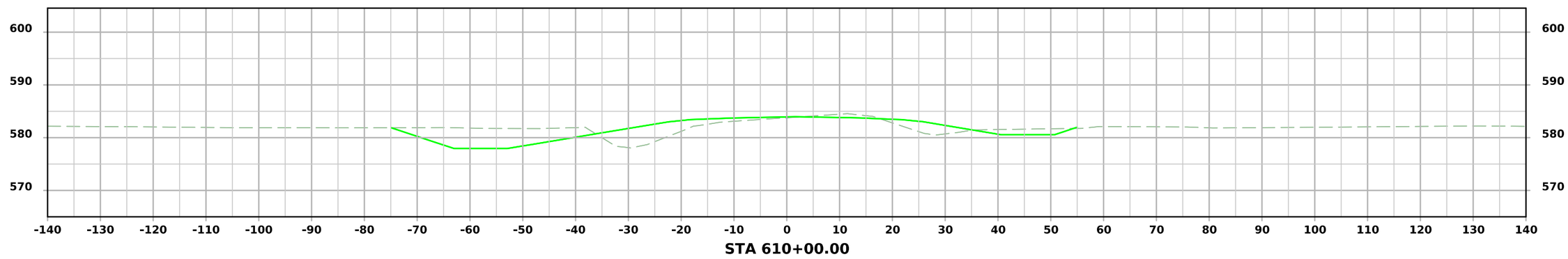
STA 61+50.00

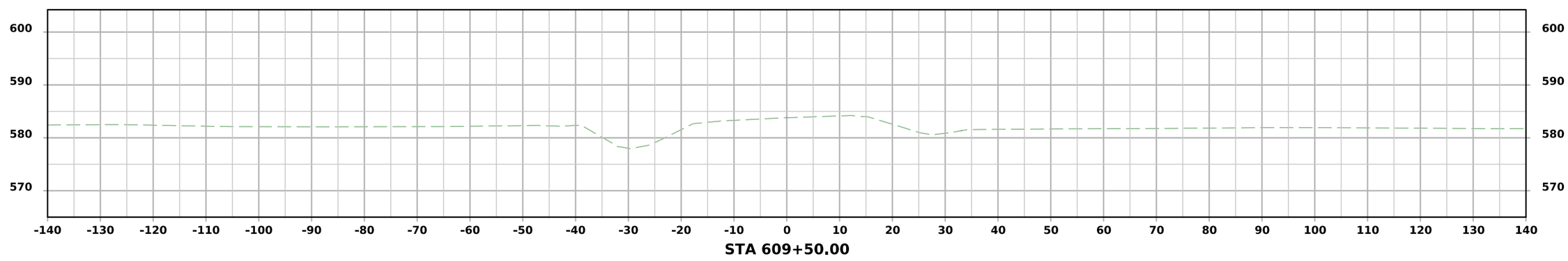
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1102

1:17:13 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1100_SR142_58061061Z14.dgn

100th St (Close)



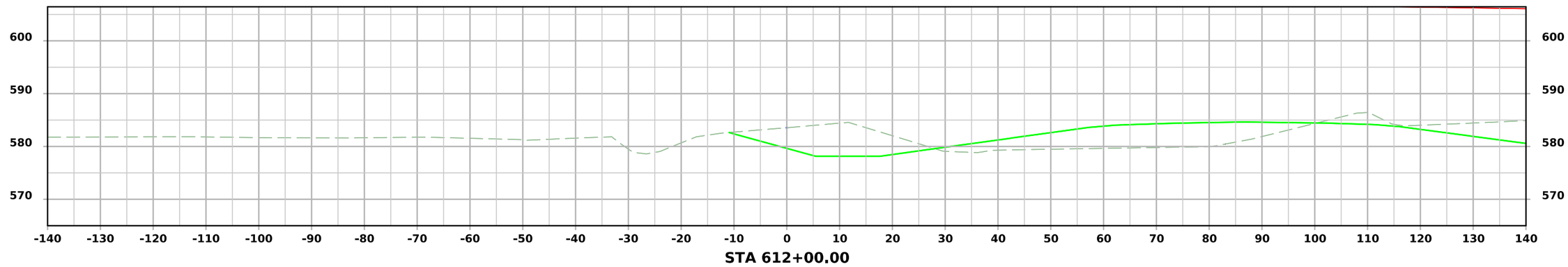


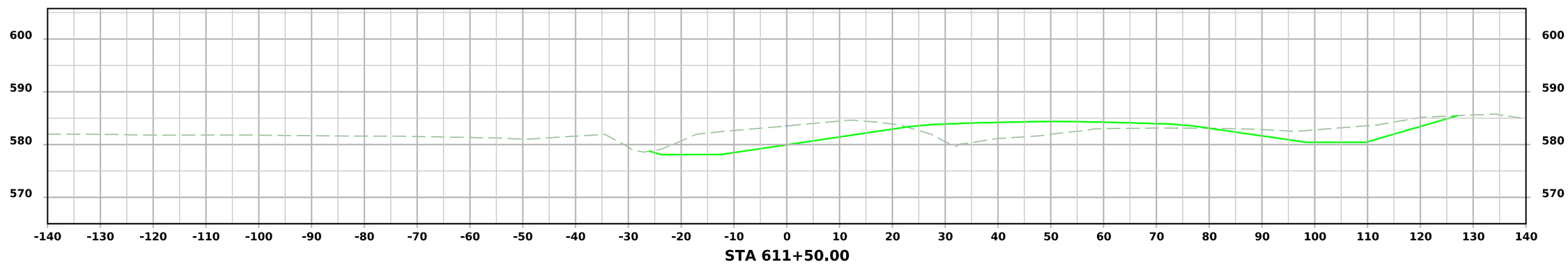


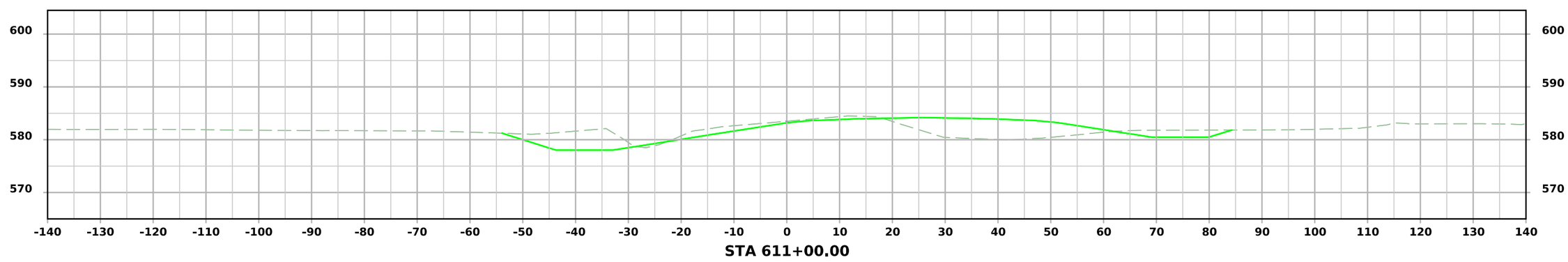
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1200

1:17:24 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1200_SR100_58061061Z14.dgn

100th St (Close)



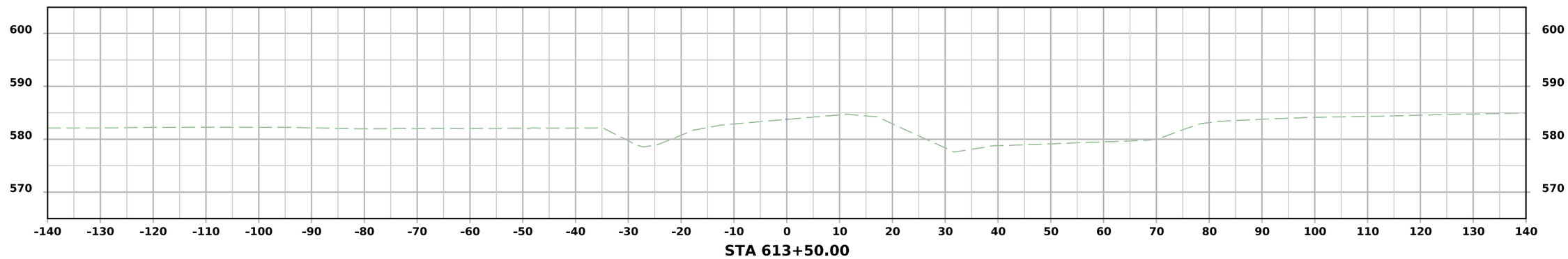


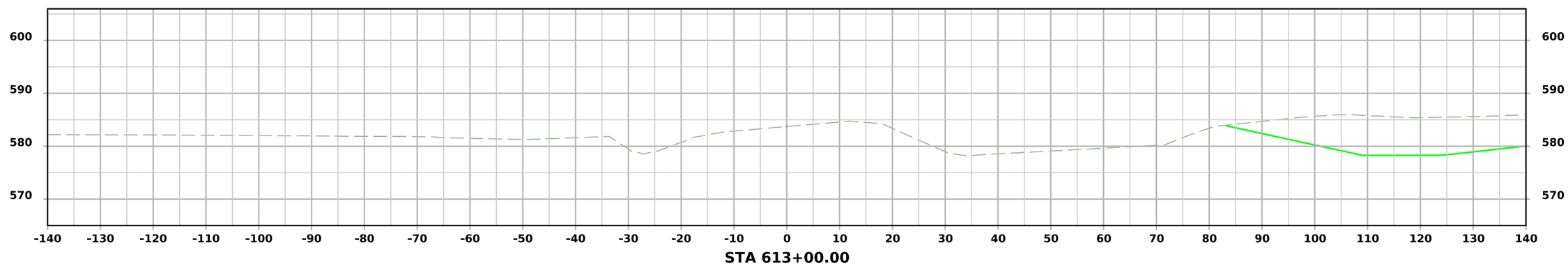


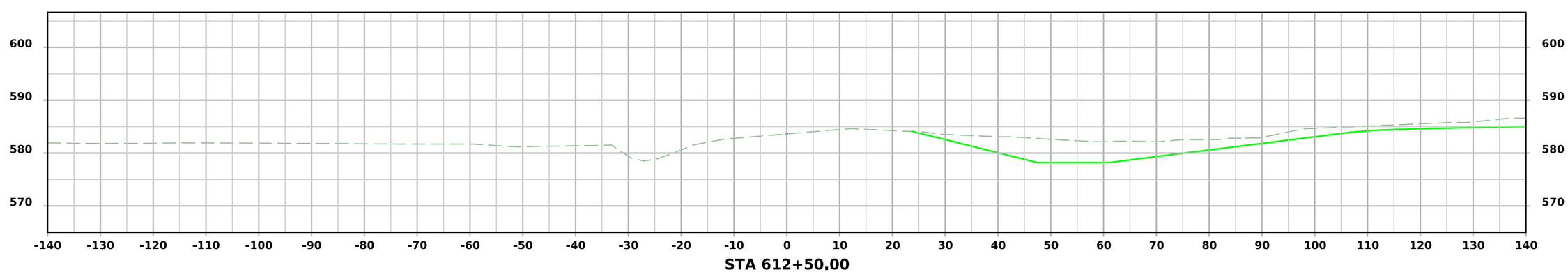
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1201

1:17:28 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1200_SR100_58061061Z14.dgn

100th St (Close)



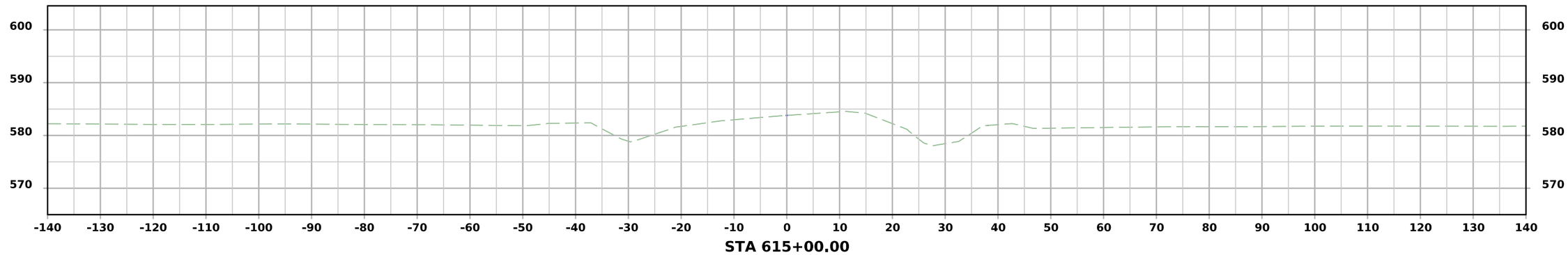


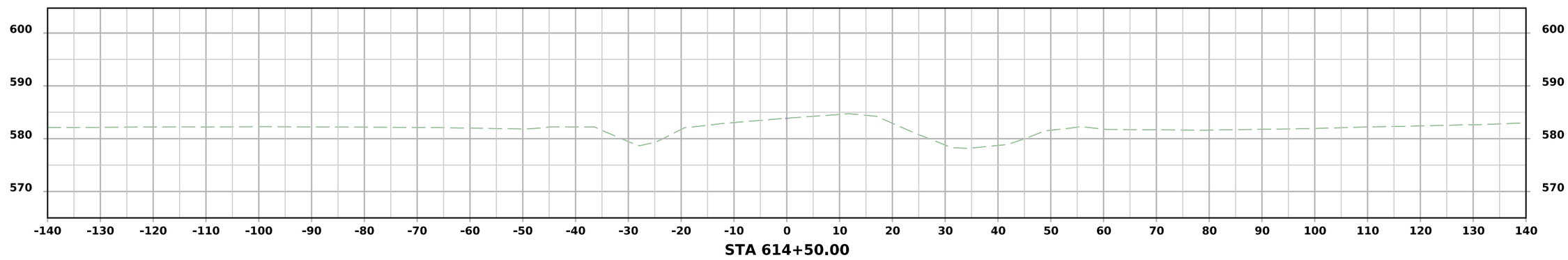


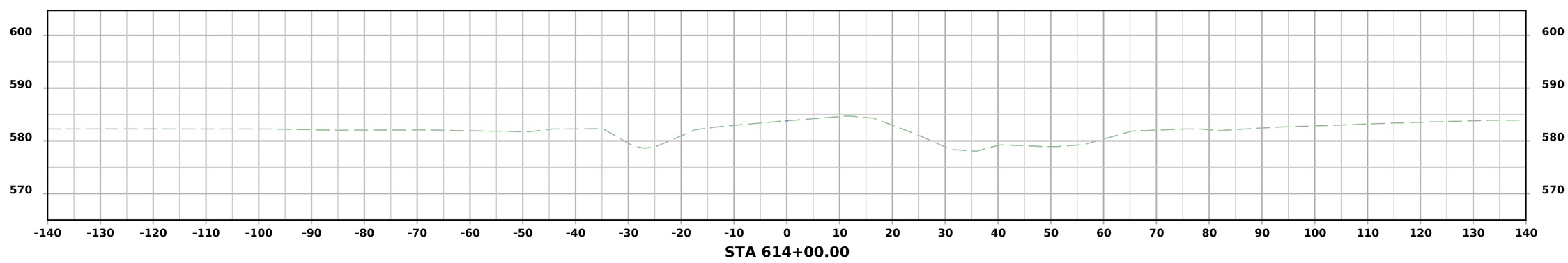
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1202

1:17:30 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1200_SR100_58061061Z14.dgn

100th St (Close)



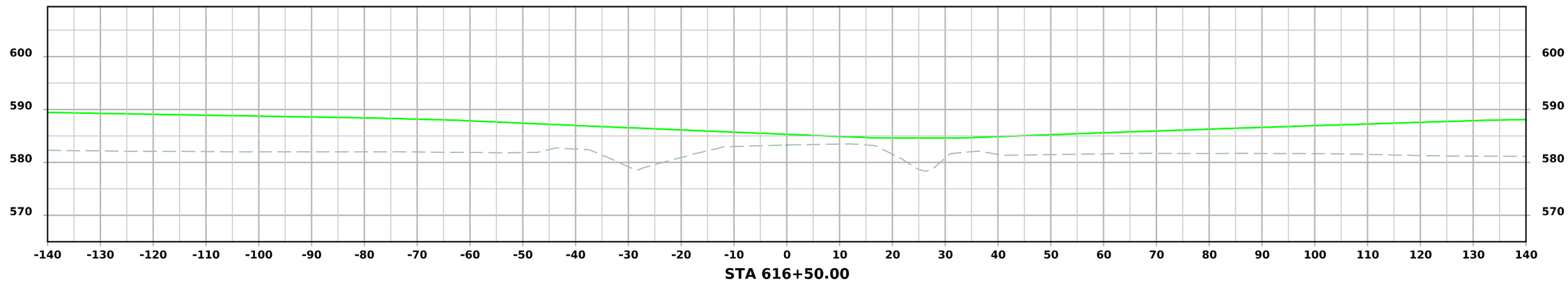


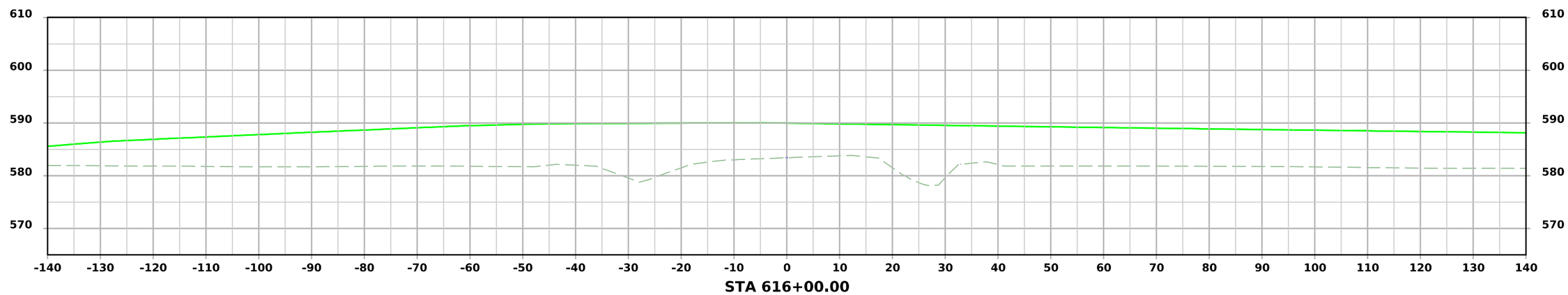


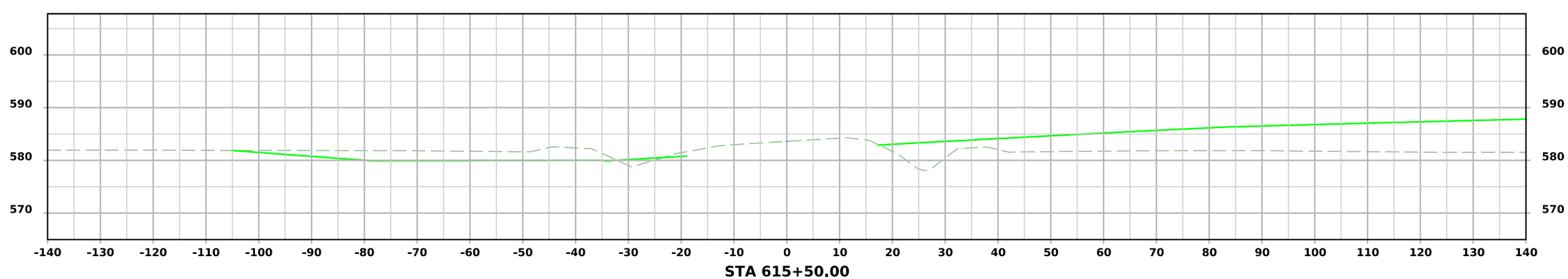
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1203

1:17:33 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1200_SR100_58061061Z14.dgn

100th St (Close)



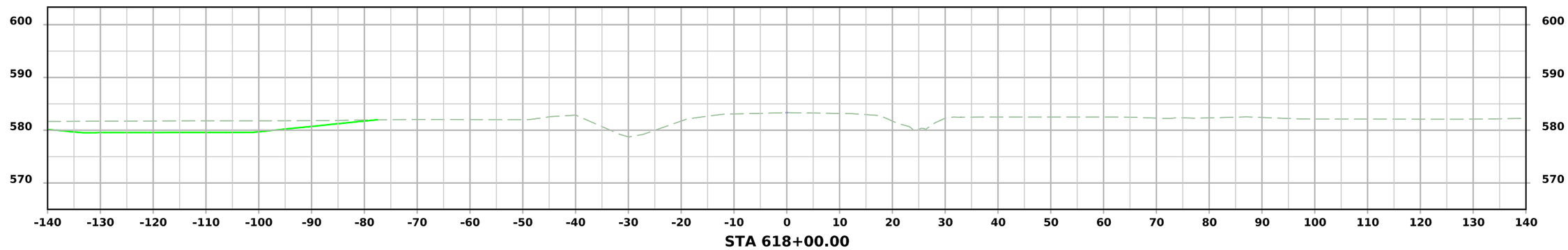


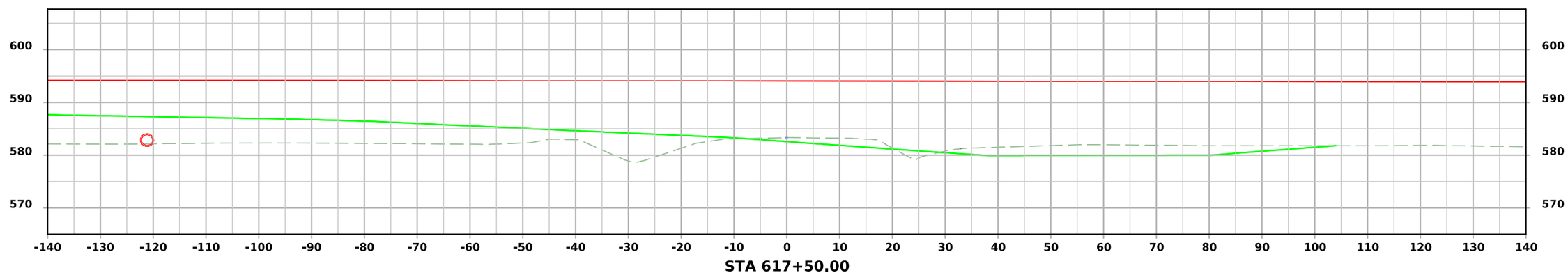


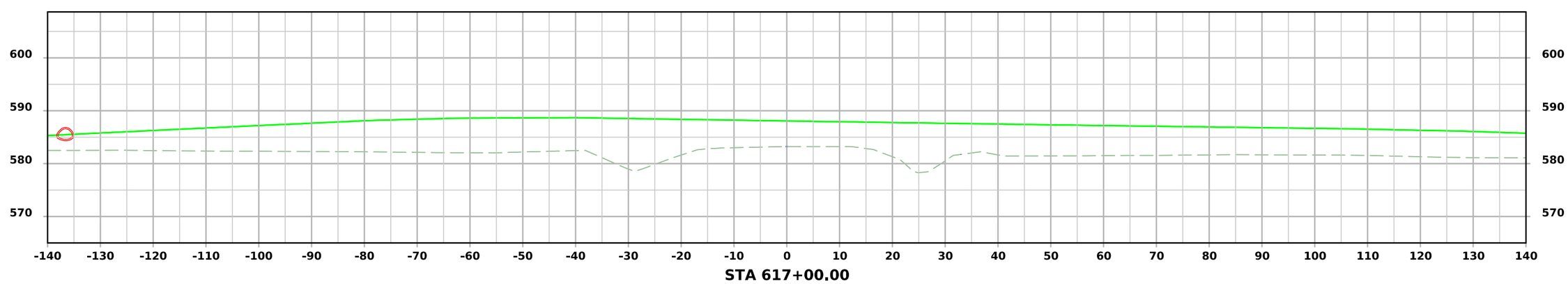
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1204

1:17:35 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1200_SR100_58061061Z14.dgn

100th St (Close)



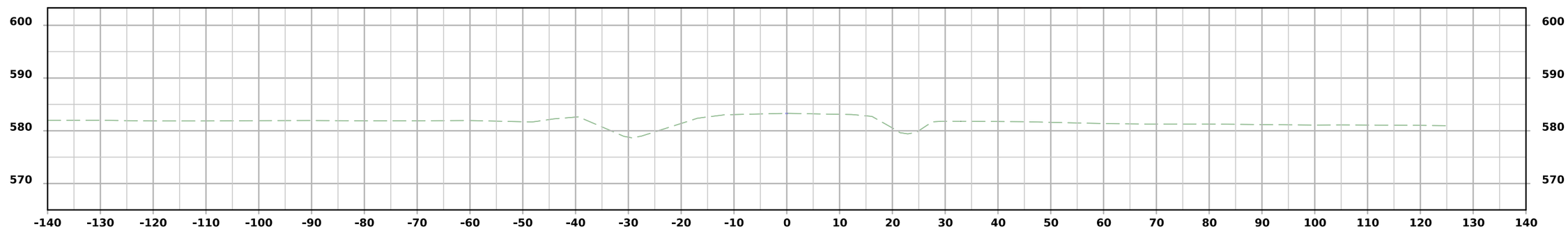




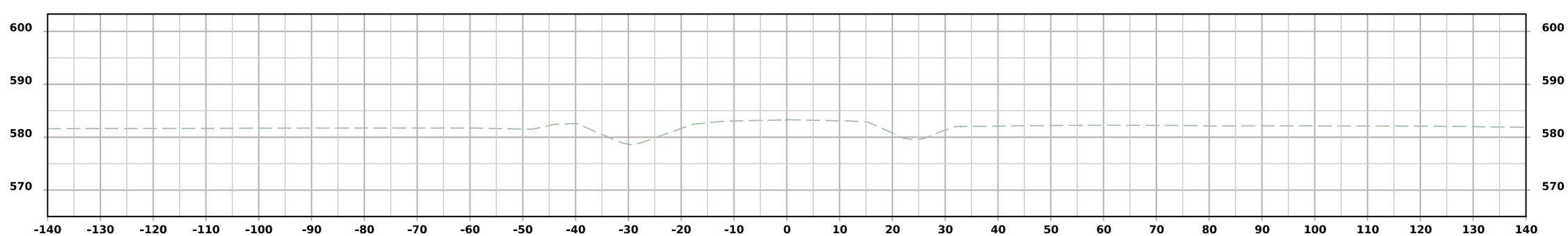
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1205

1:17:38 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1200_SR100_58061061Z14.dgn

100th St (Close)

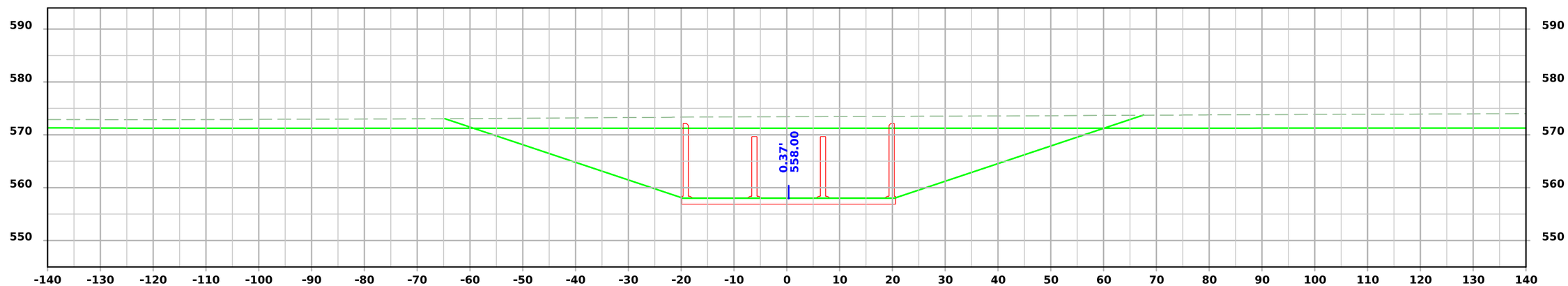


STA 619+00.00

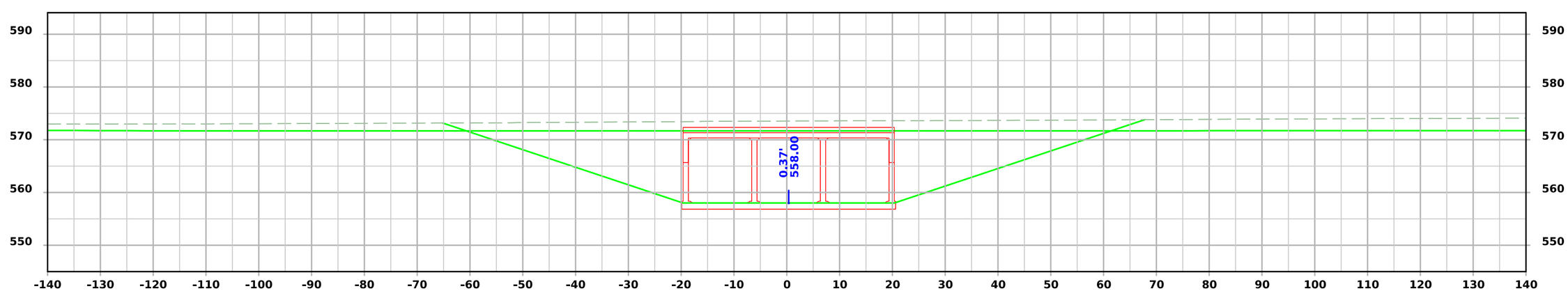


STA 618+50.00

Channel 2244



STA 45+00.00

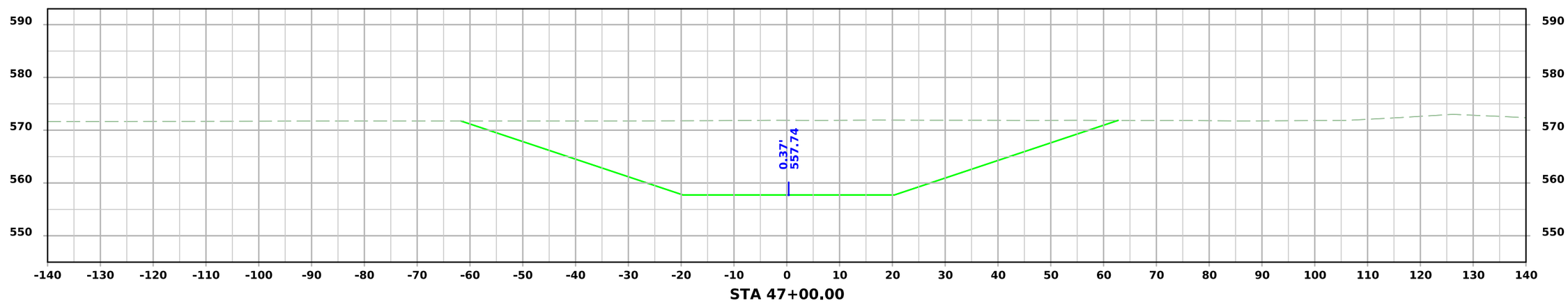


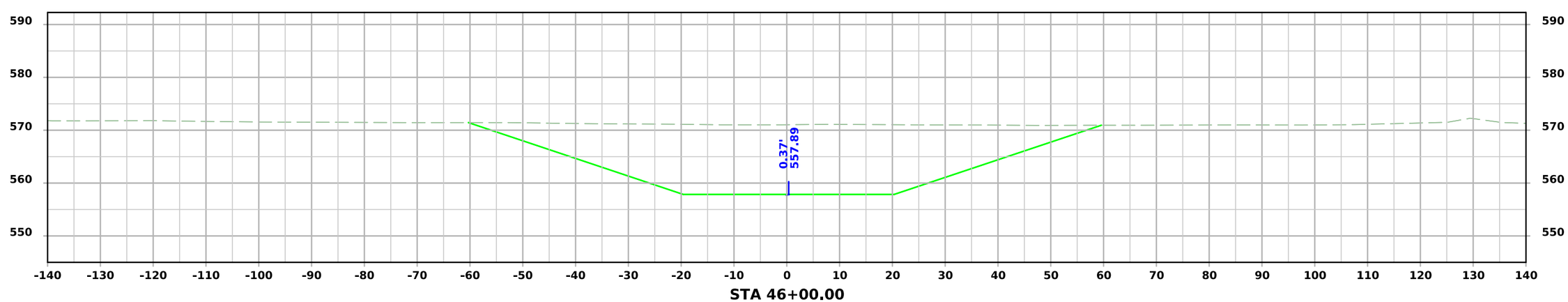
STA 44+98.38

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1300

1:18:01 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1300_CH2244_58061061Z14.dgn

Channel 2244

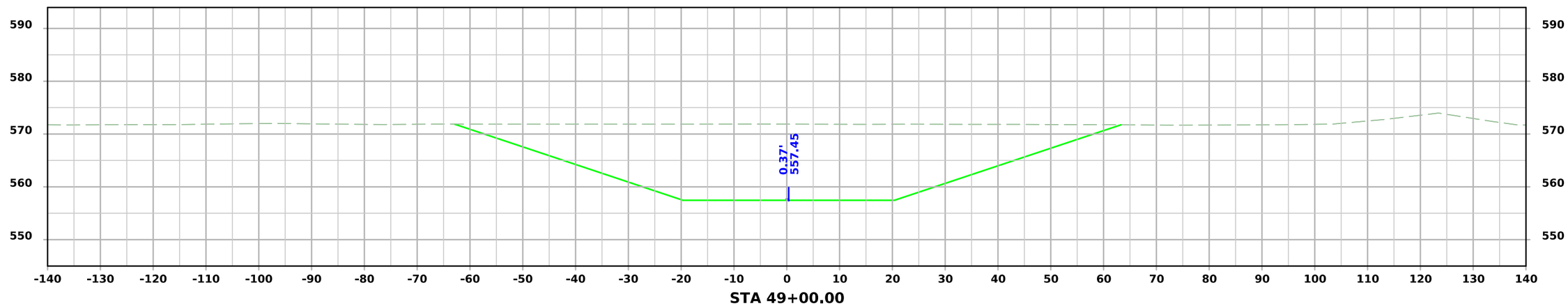


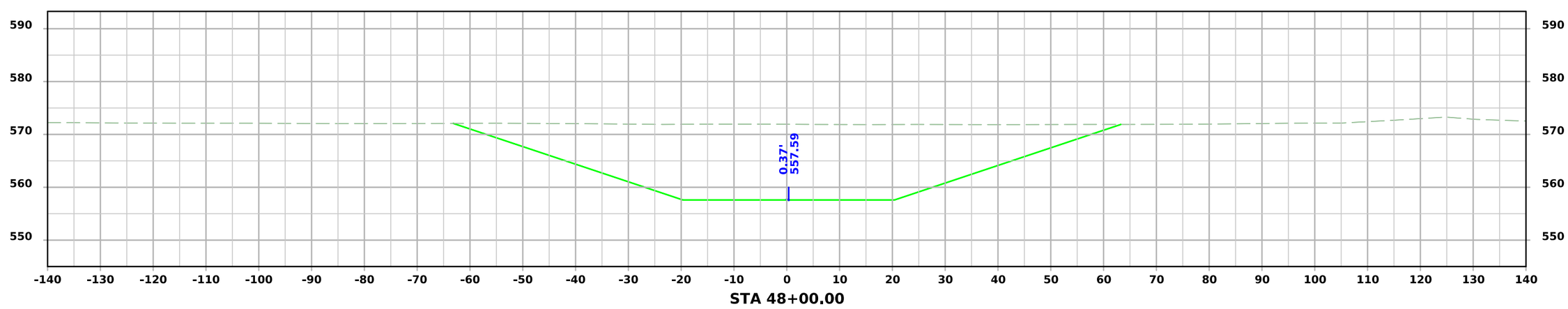


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1301

1:18:03 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1300_CH2244_58061061Z14.dgn

Channel 2244

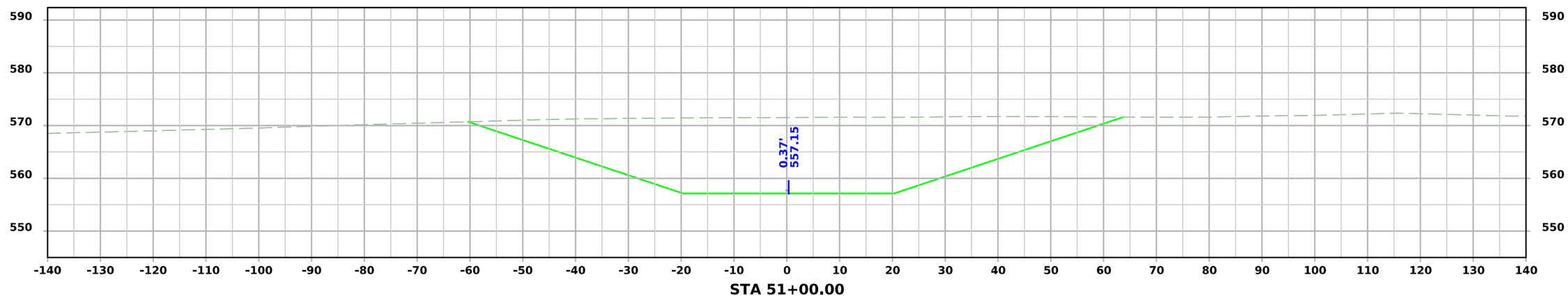


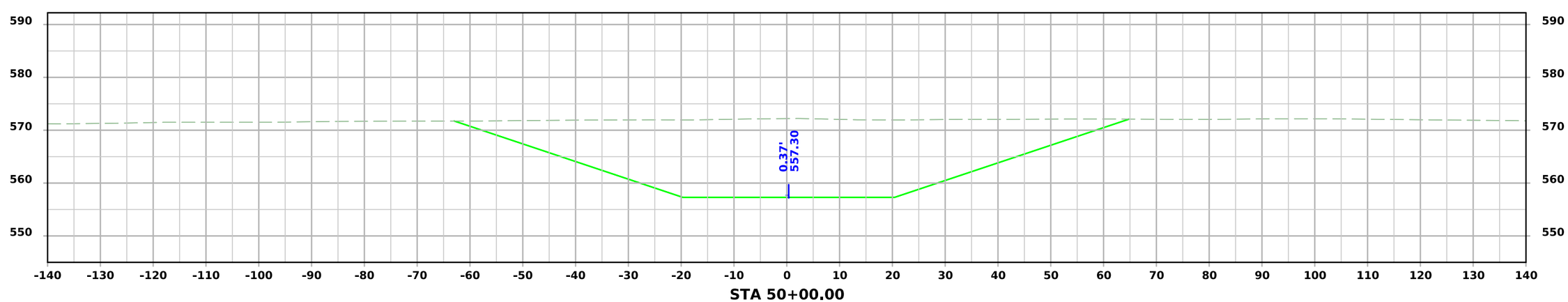


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1302

1:18:05 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1300_CH2244_58061061Z14.dgn

Channel 2244

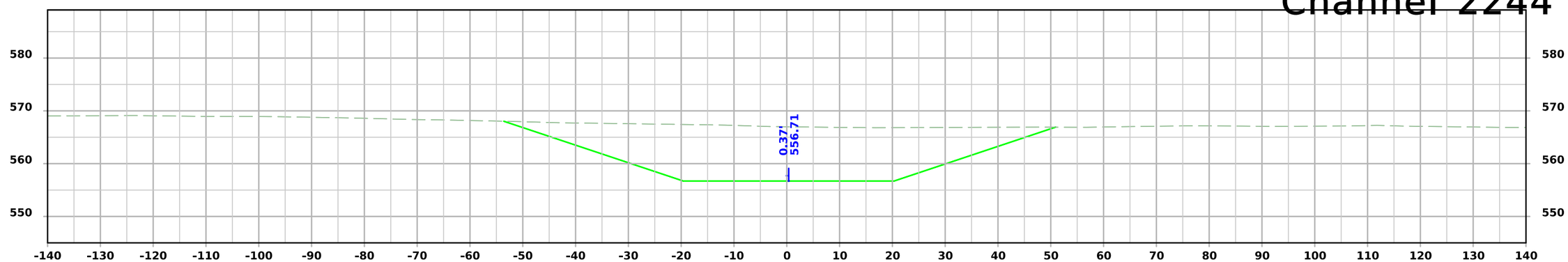




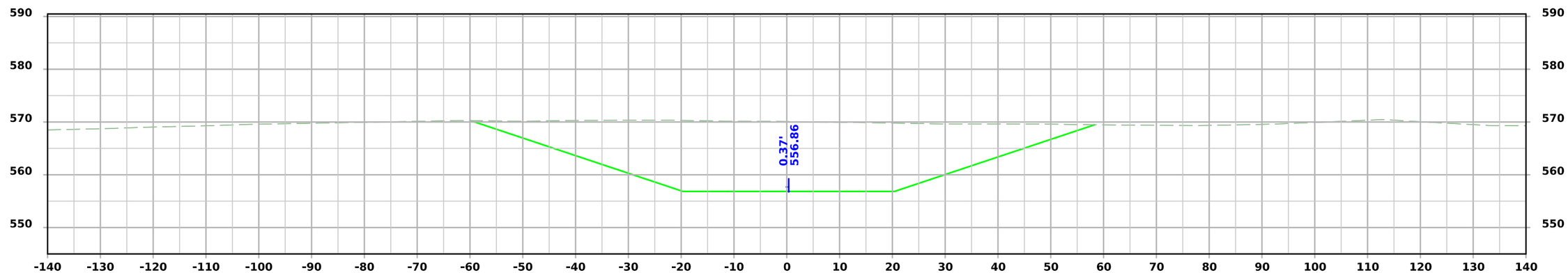
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1303

1:18:07 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1300_CH2244_58061061Z14.dgn

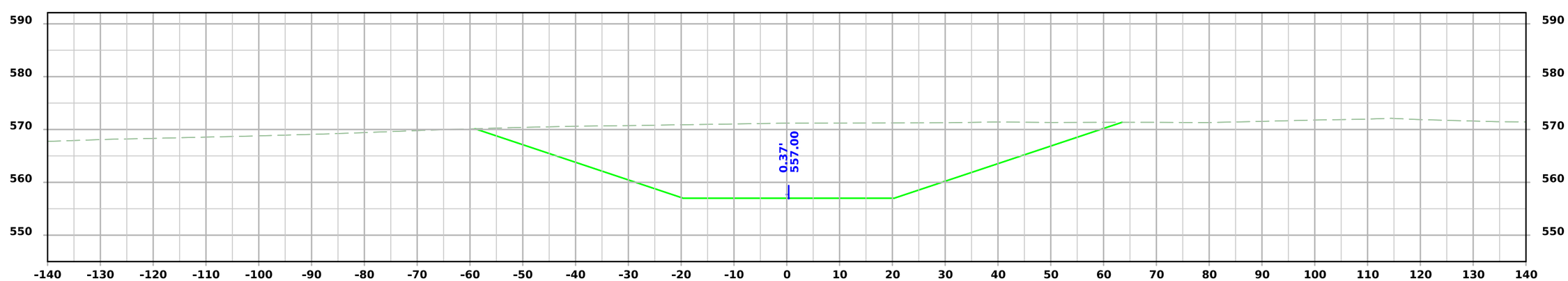
Channel 2244



STA 54+00.00



STA 53+00.00

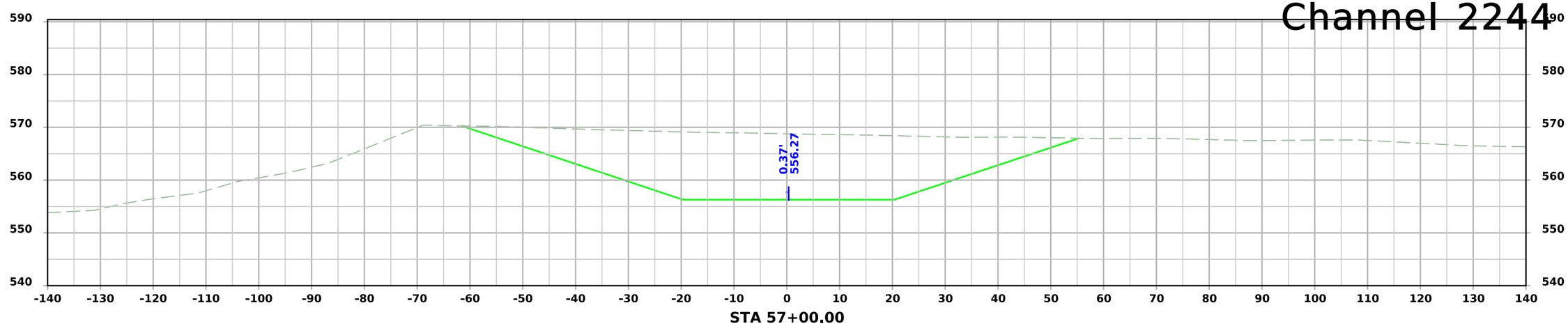


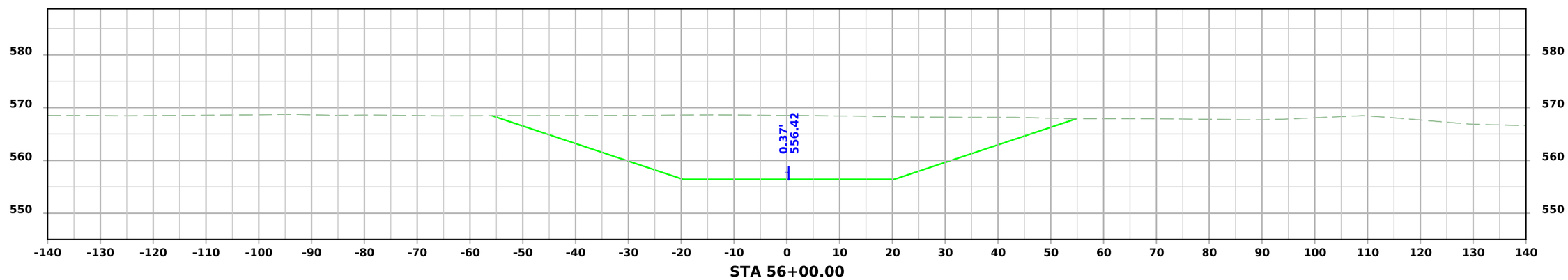
STA 52+00.00

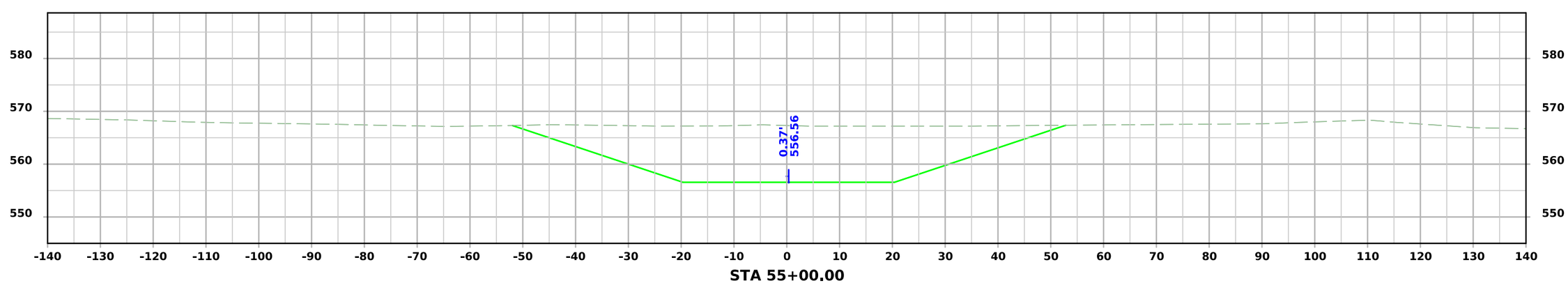
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1304

1:18:09 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1300_CH2244_58061061Z14.dgn

Channel 2244



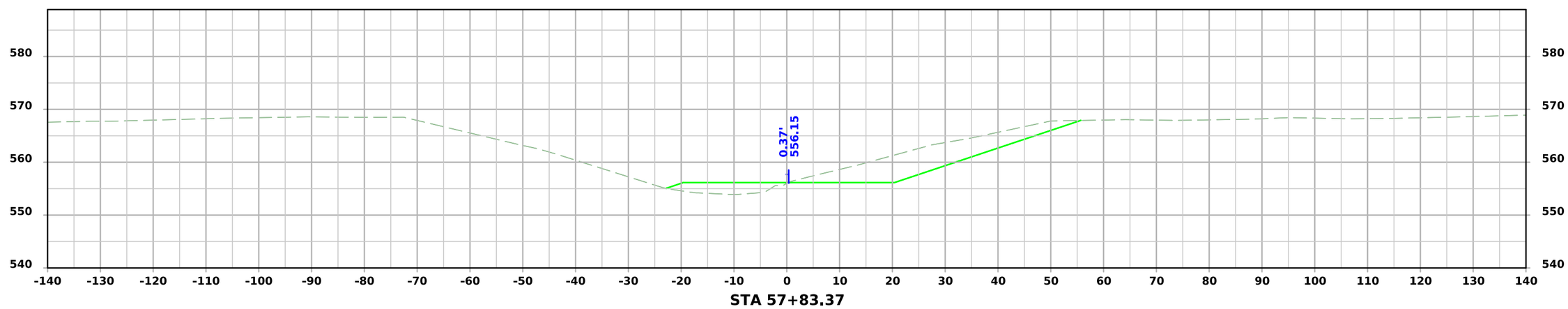




FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1305

1:18:12 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1300_CH2244_58061061Z14.dgn

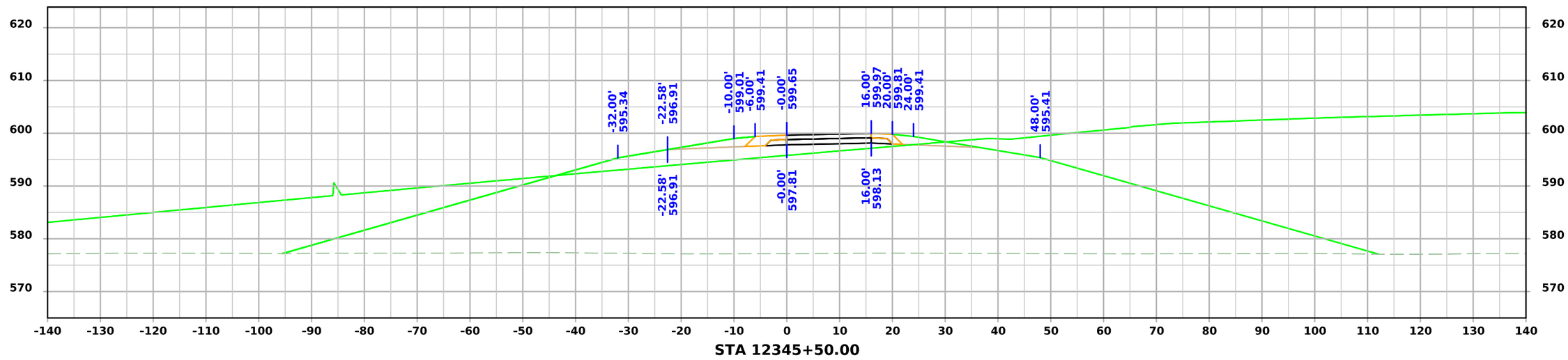
Channel 2244



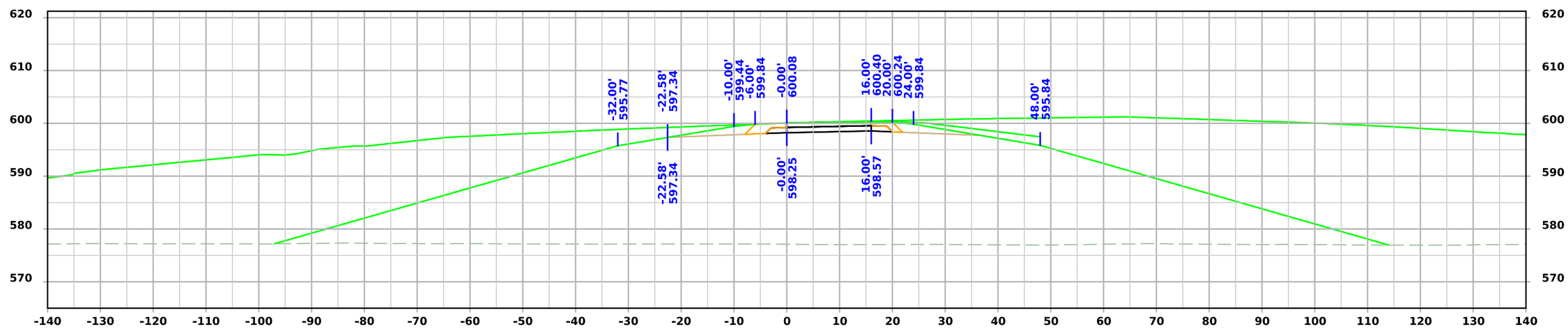
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER X.1306

1:18:13 PM 11/6/2024 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_X1300_CH2244_58061061Z14.dgn

Ramp A BUS61



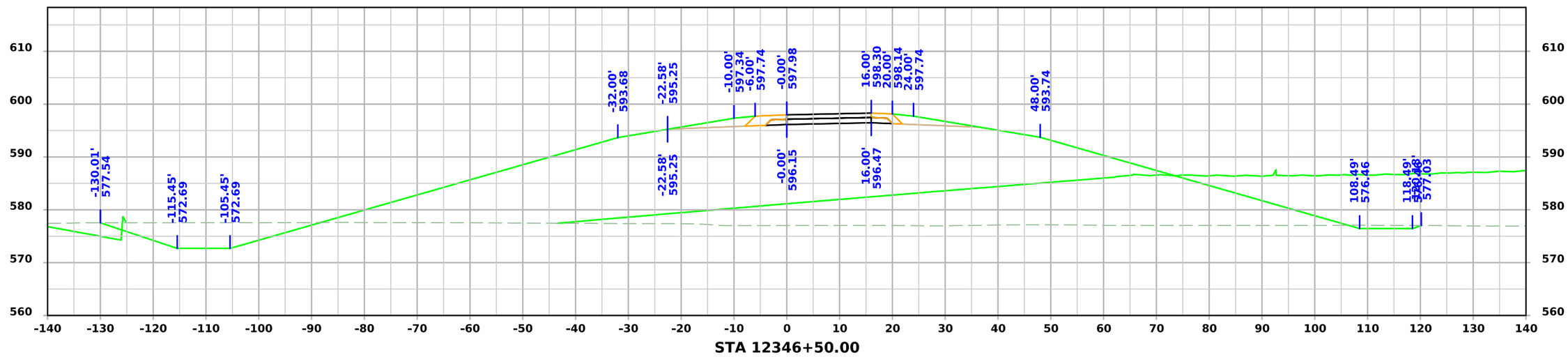
STA 12345+50.00



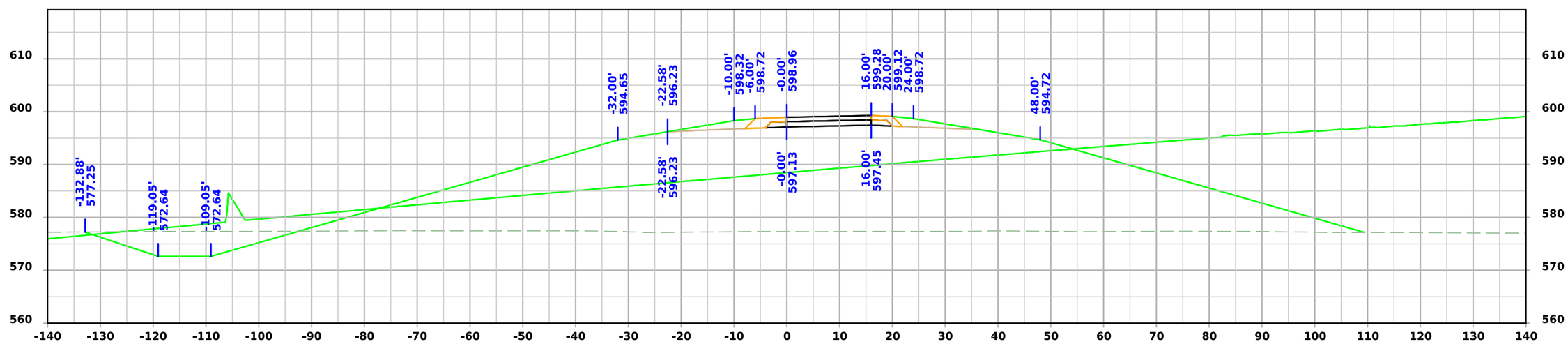
STA 12345+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.100

Ramp A BUS61



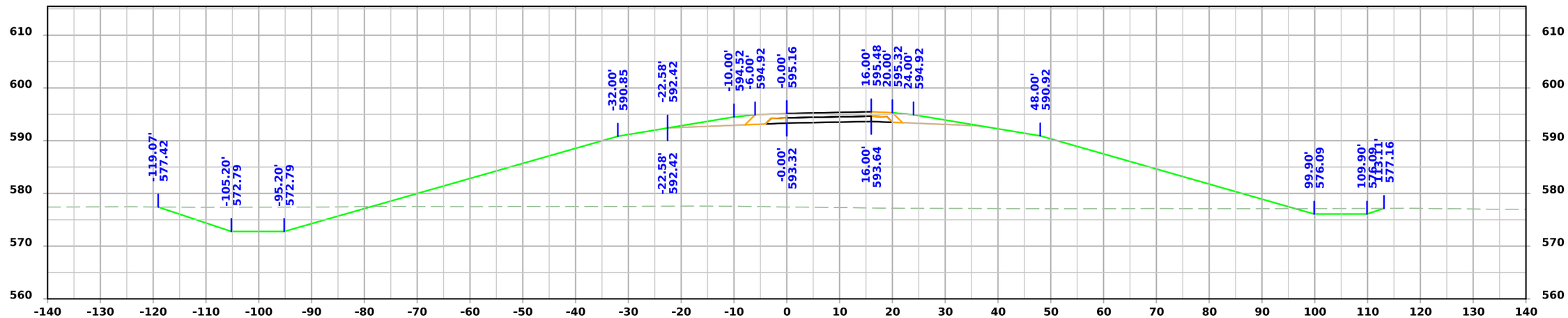
STA 12346+50.00



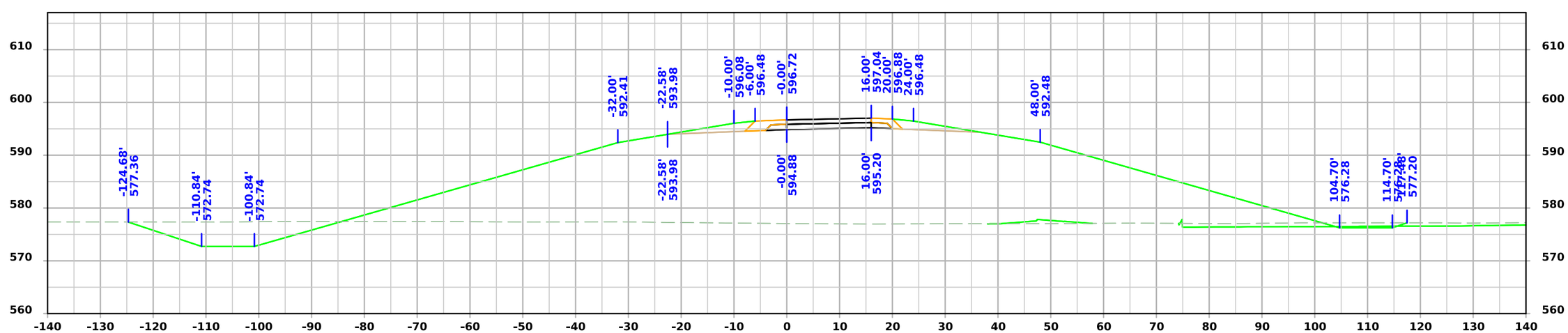
STA 12346+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.101

Ramp A BUS61



STA 12347+50.00

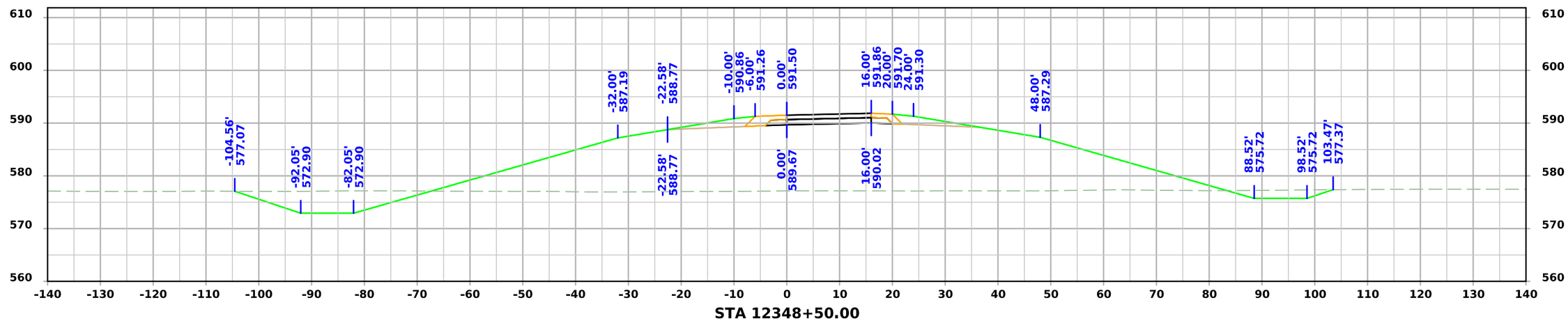


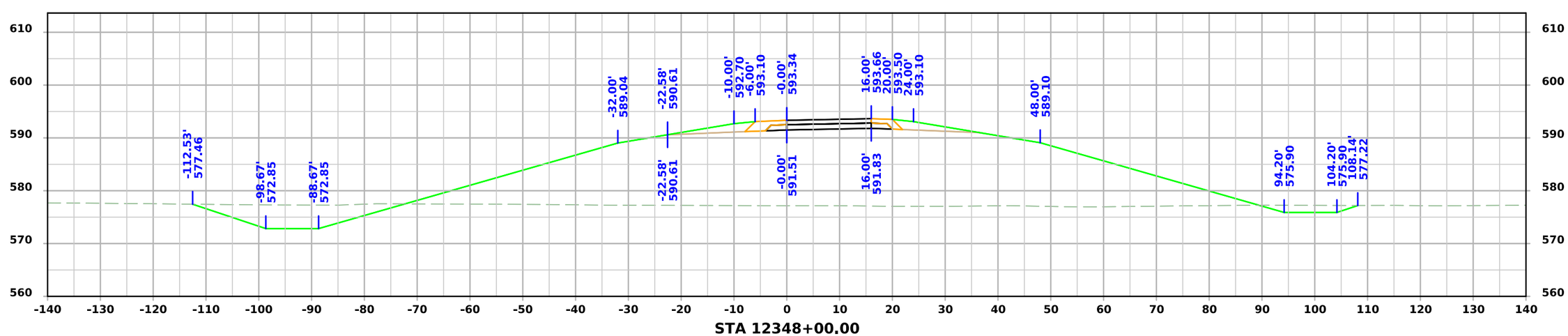
STA 12347+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.102

2:26:07 PM 10/24/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y100_RMPBUS61A_58061061Z14.dgn

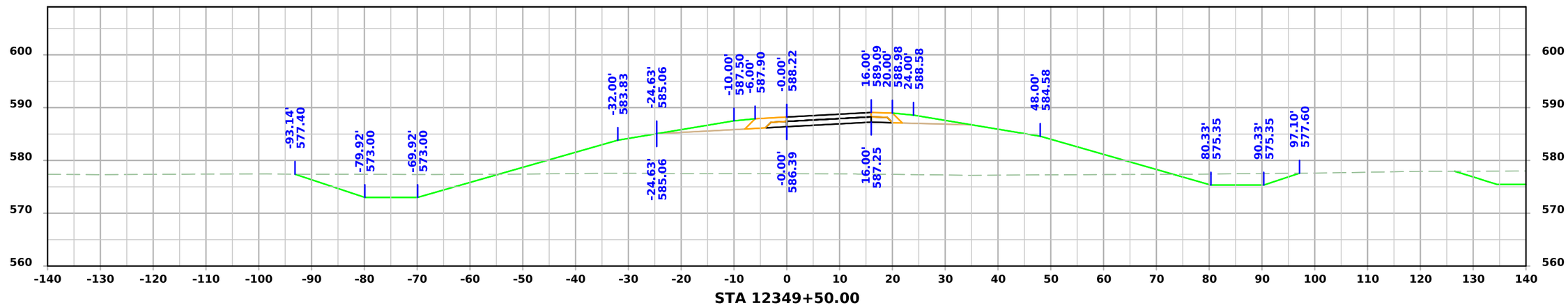
Ramp A BUS61

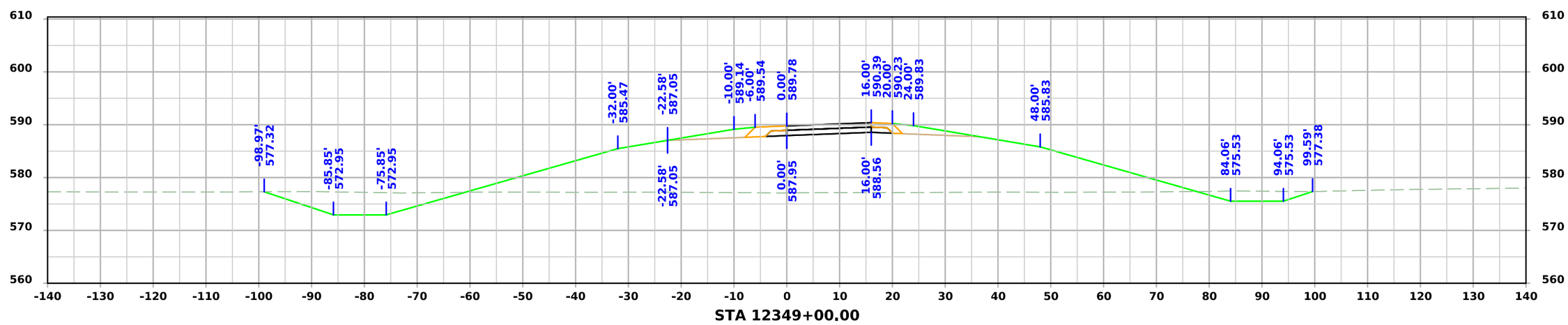




FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.103

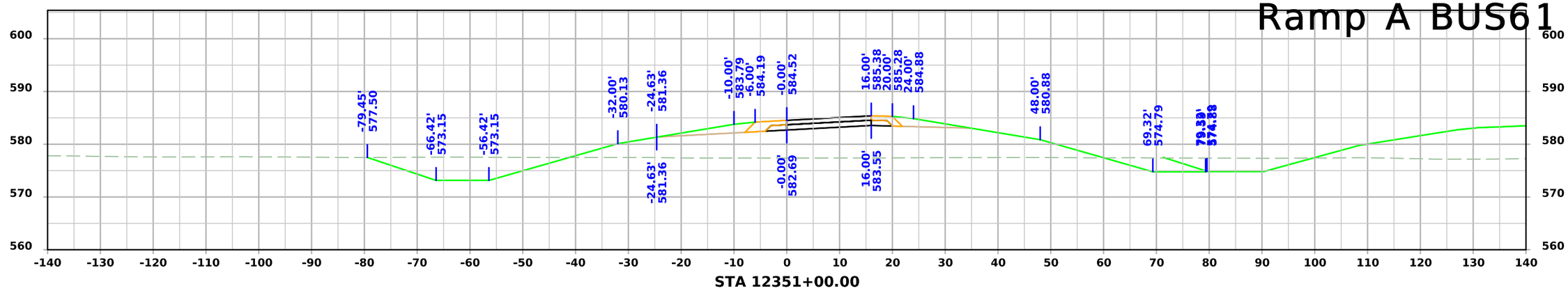
Ramp A BUS61

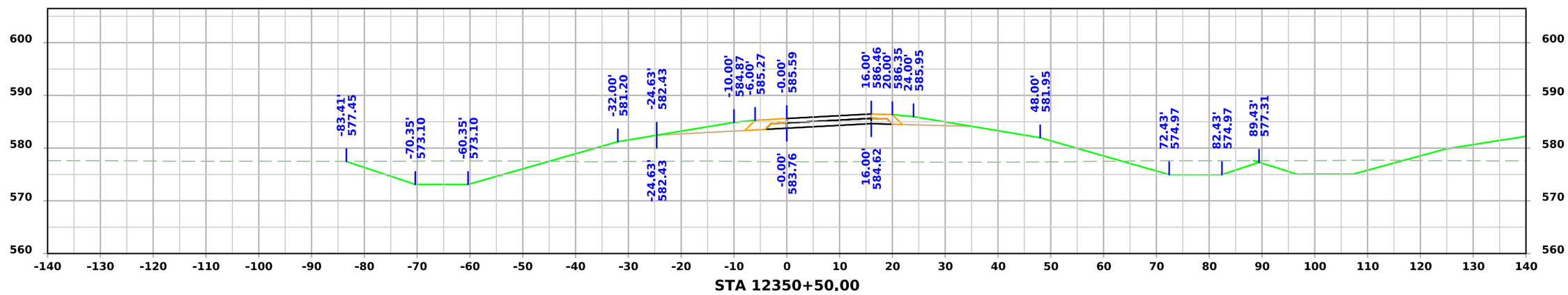


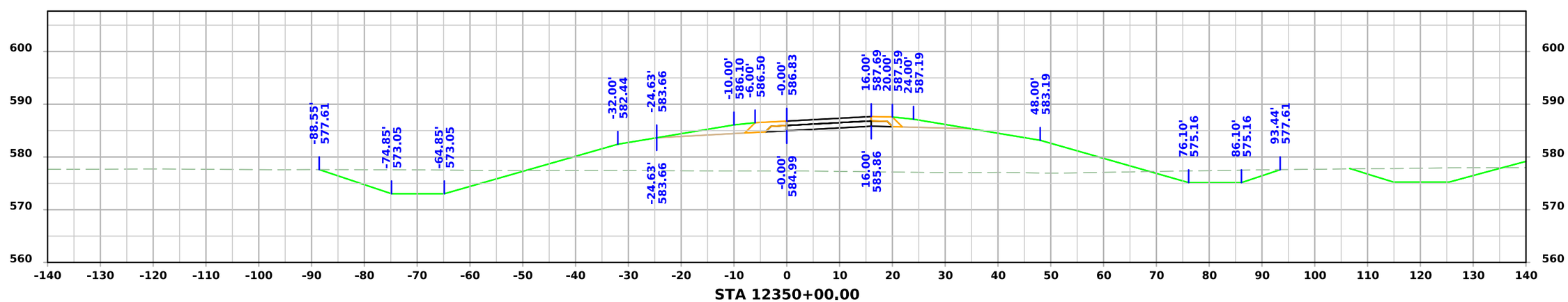


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.104

Ramp A BUS61



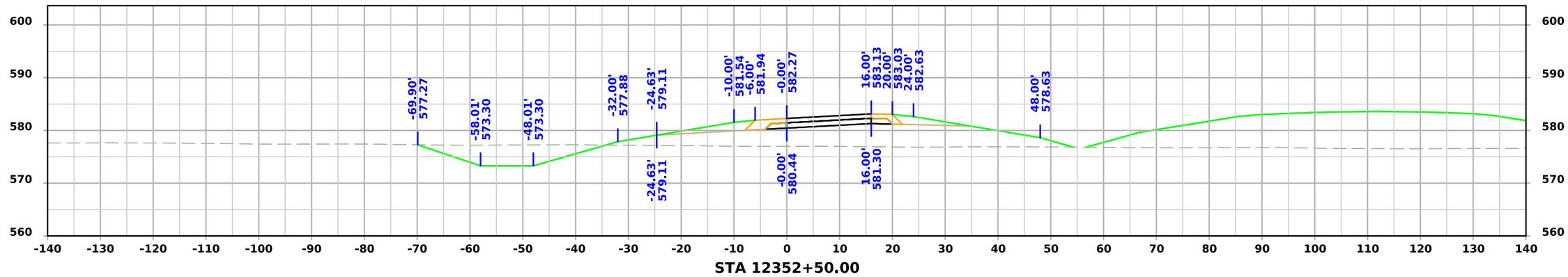


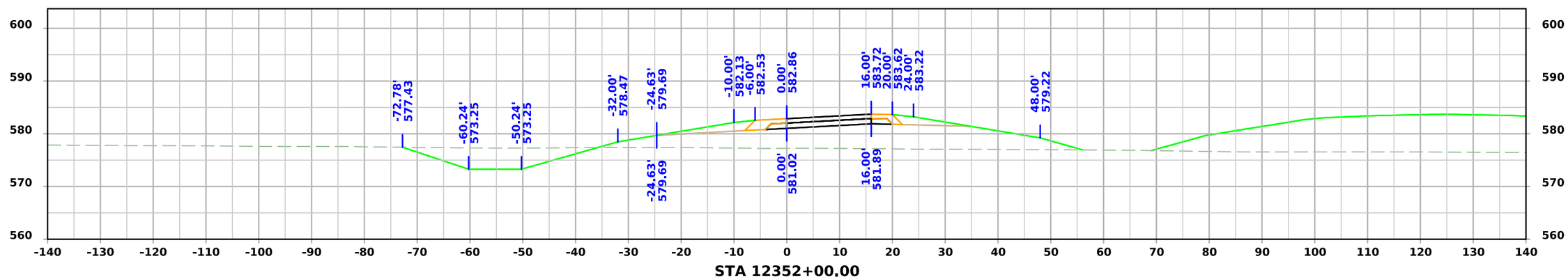


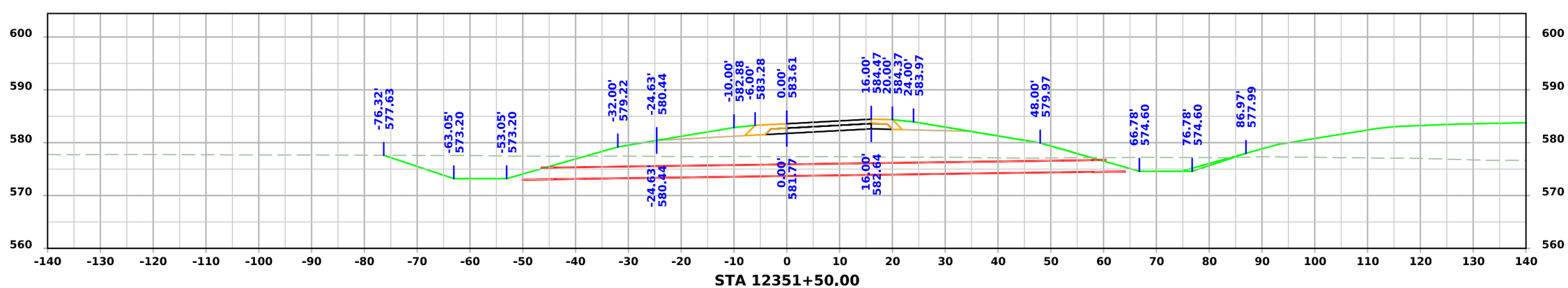
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.105

2:26:16 PM 10/24/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y100_RMPBUS61A_58061061Z14.dgn

Ramp A BUS61



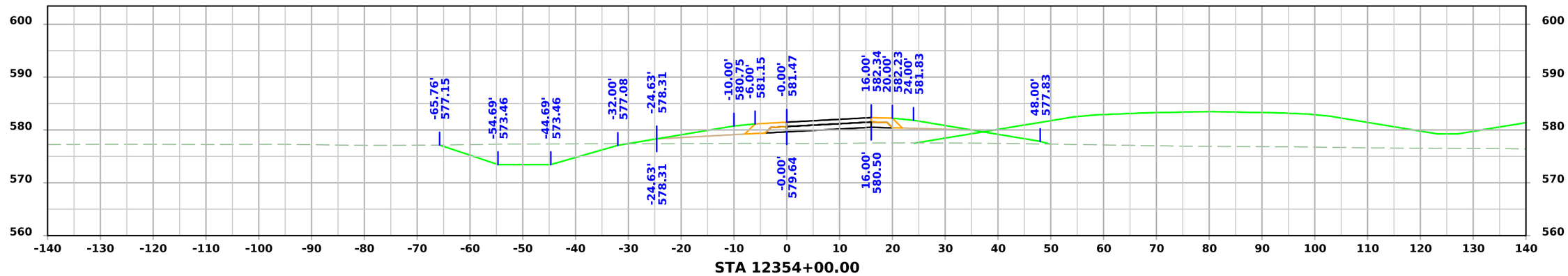


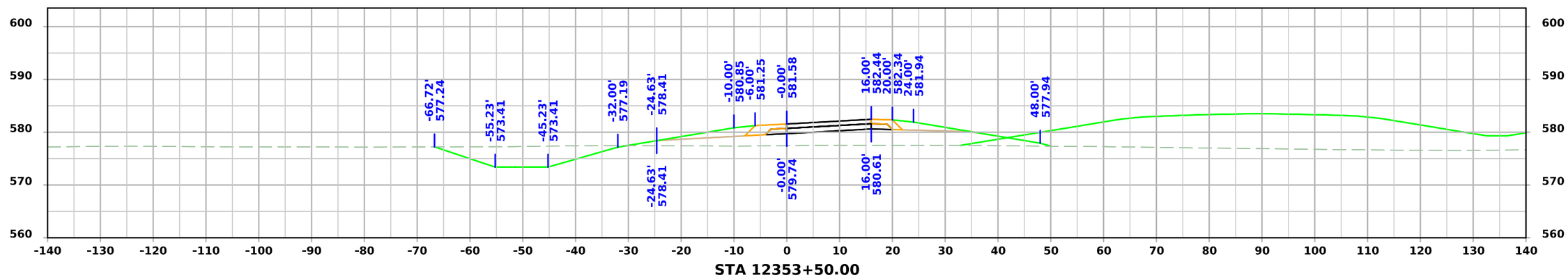


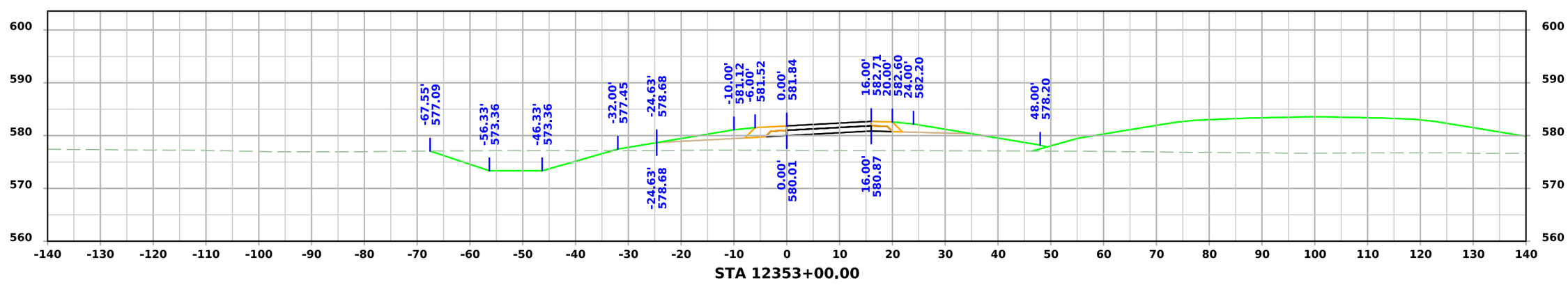
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.106

2:26:20 PM 10/24/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y100_RMPBUS61A_58061061Z14.dgn

Ramp A BUS61

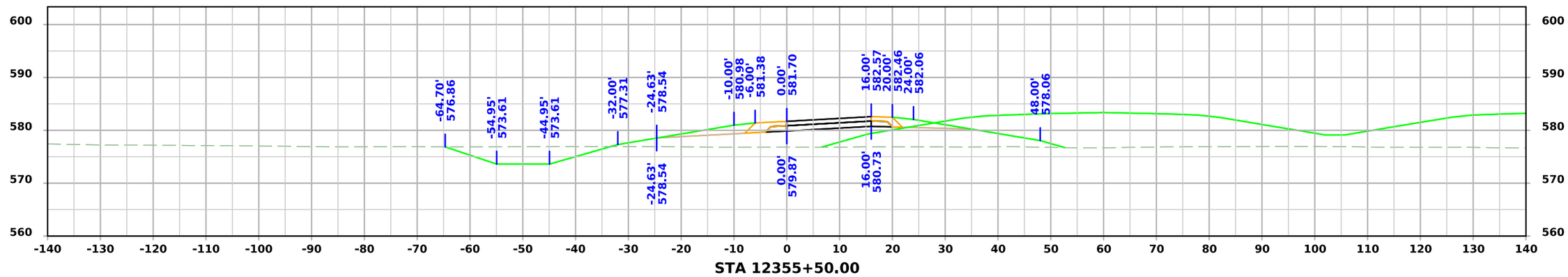




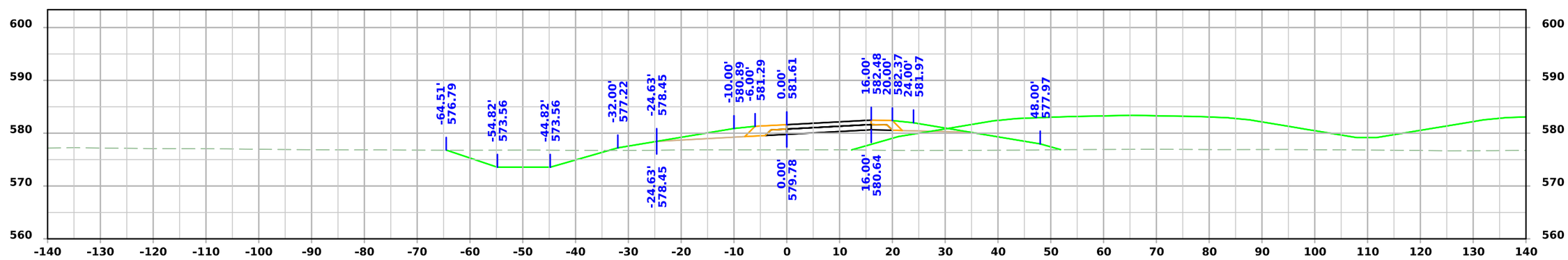


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.107

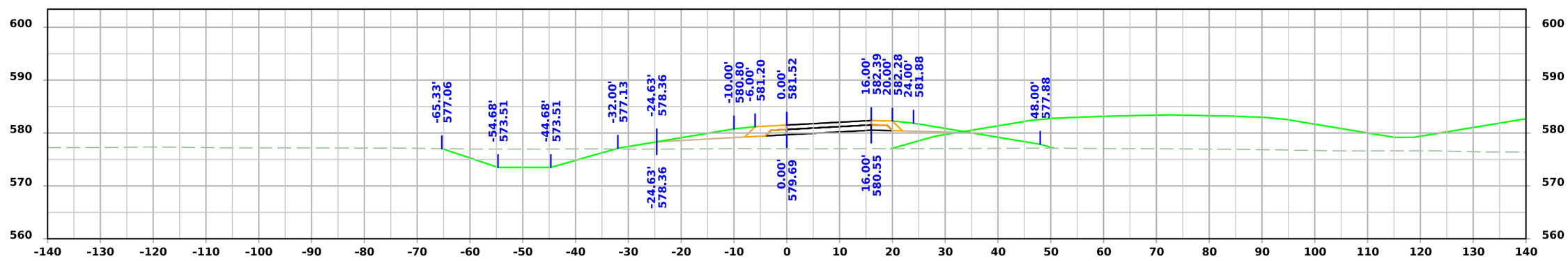
Ramp A BUS61



STA 12355+50.00



STA 12355+00.00

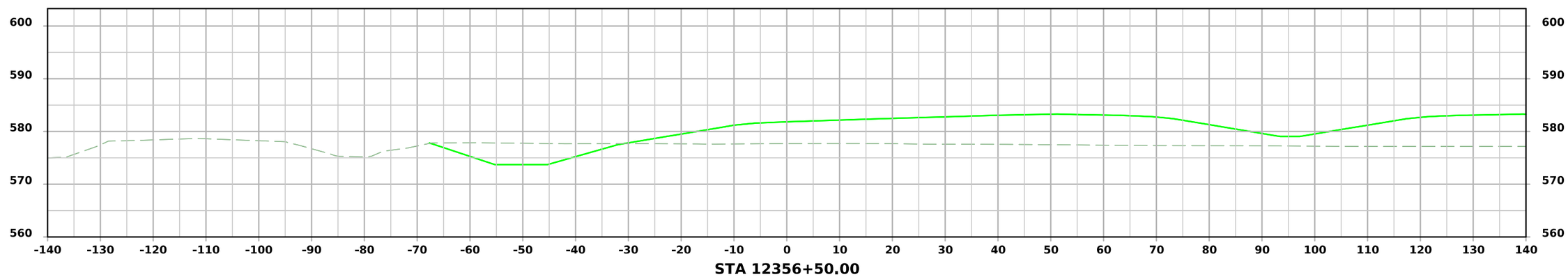


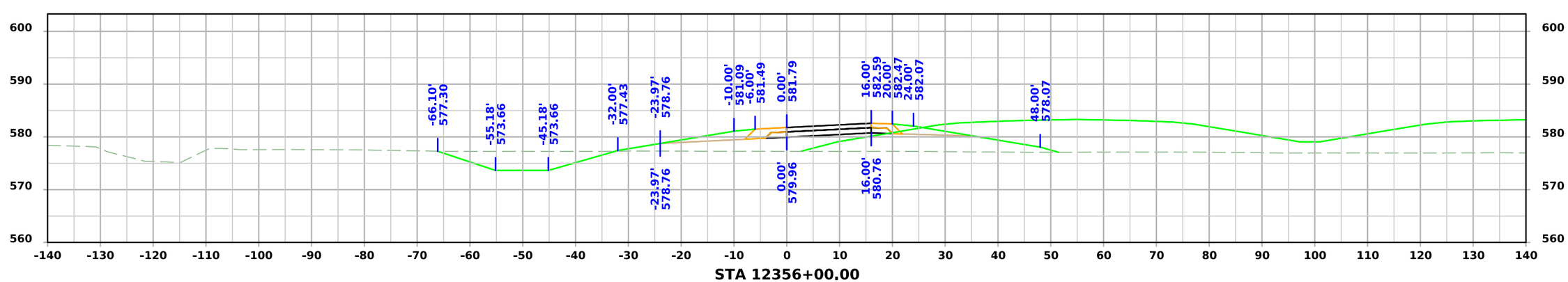
STA 12354+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.108

2:26:28 PM 10/24/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y100_RMPBUS61A_58061061Z14.dgn

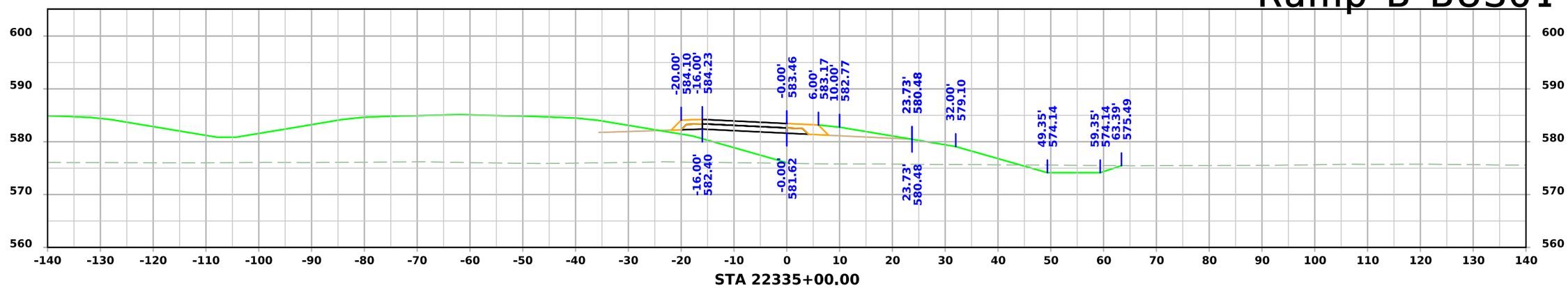
Ramp A BUS61

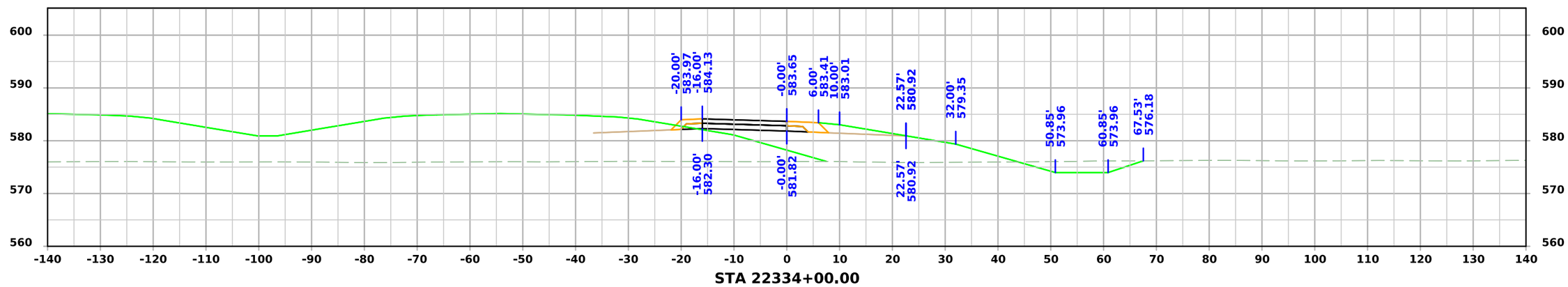


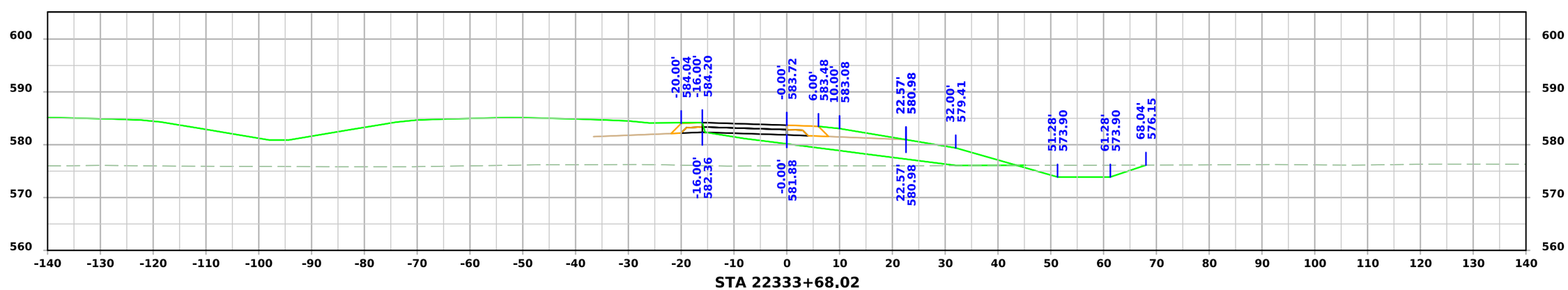


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.109

Ramp B BUS61



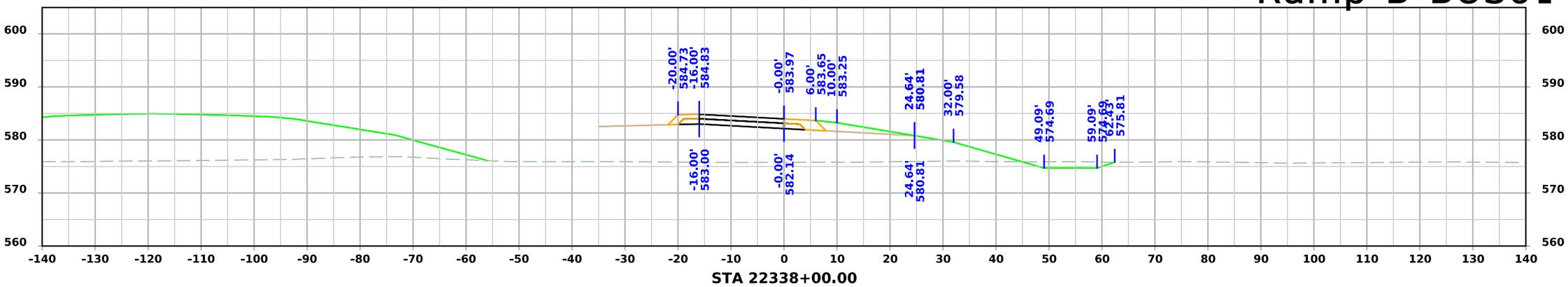


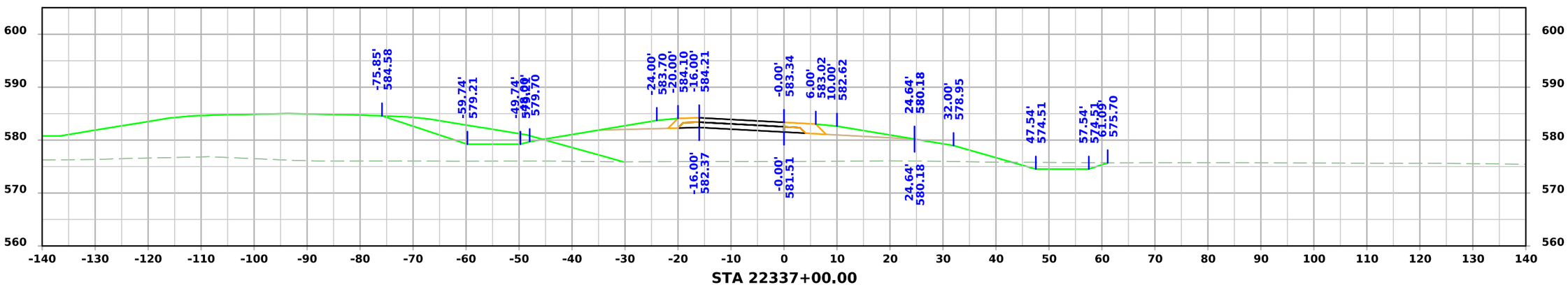


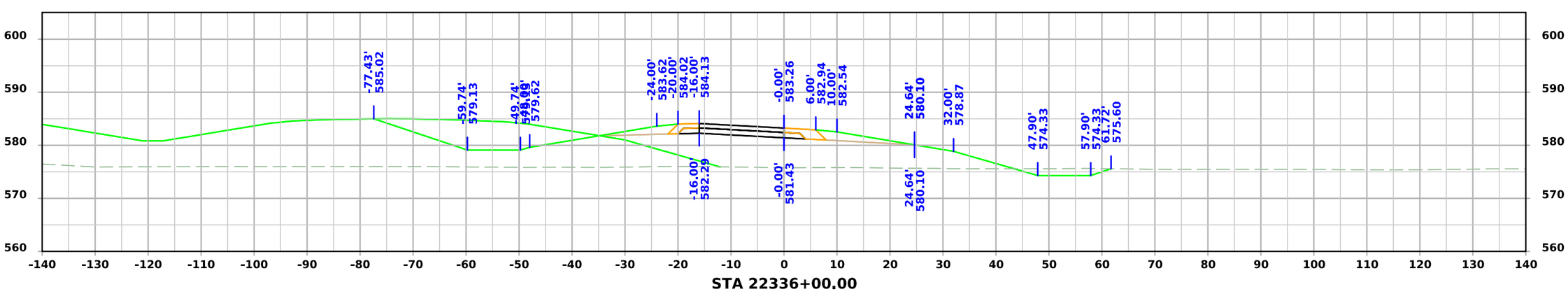
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.200

12:52:13 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y200_RMPBUS61B_58061061Z14.dgn

Ramp B BUS61



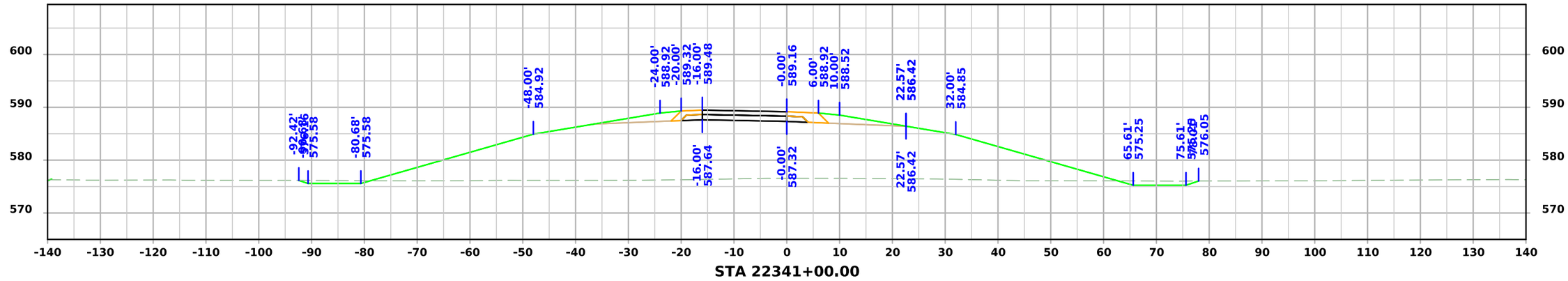


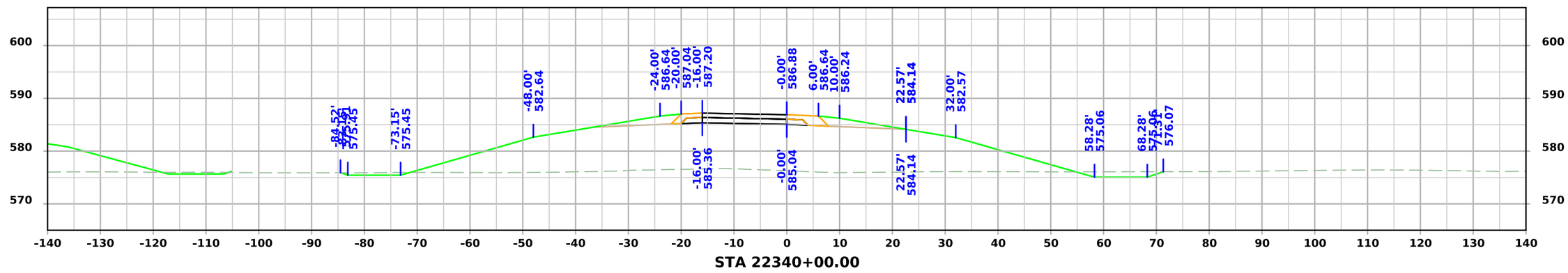


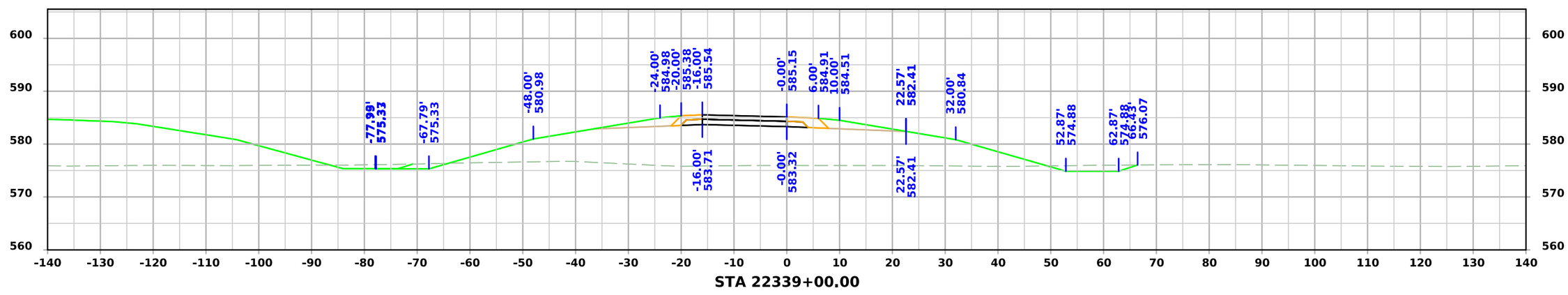
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.201

12:52:17 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y200_RMPBUS61B_58061061Z14.dgn

Ramp B BUS61

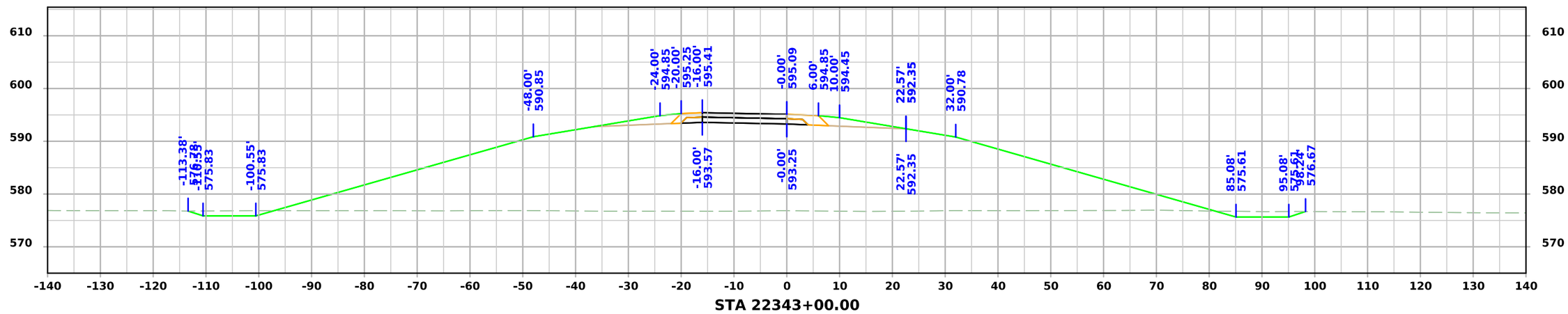




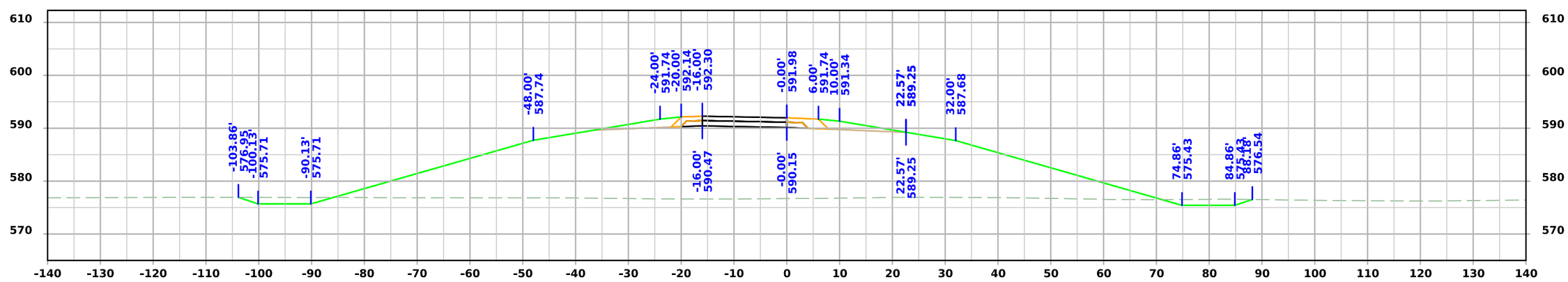


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.202

Ramp B BUS61



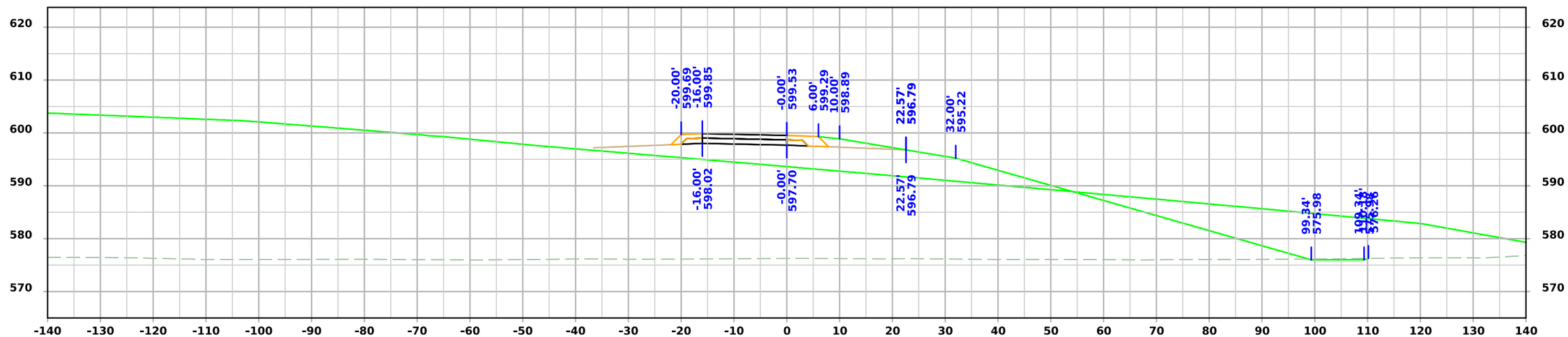
STA 22343+00.00

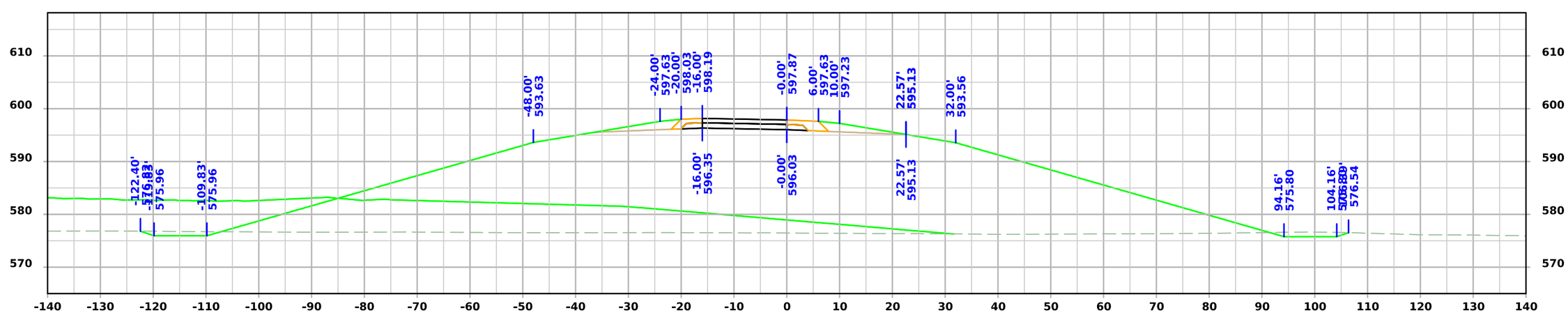


STA 22342+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.203

Ramp B BUS61

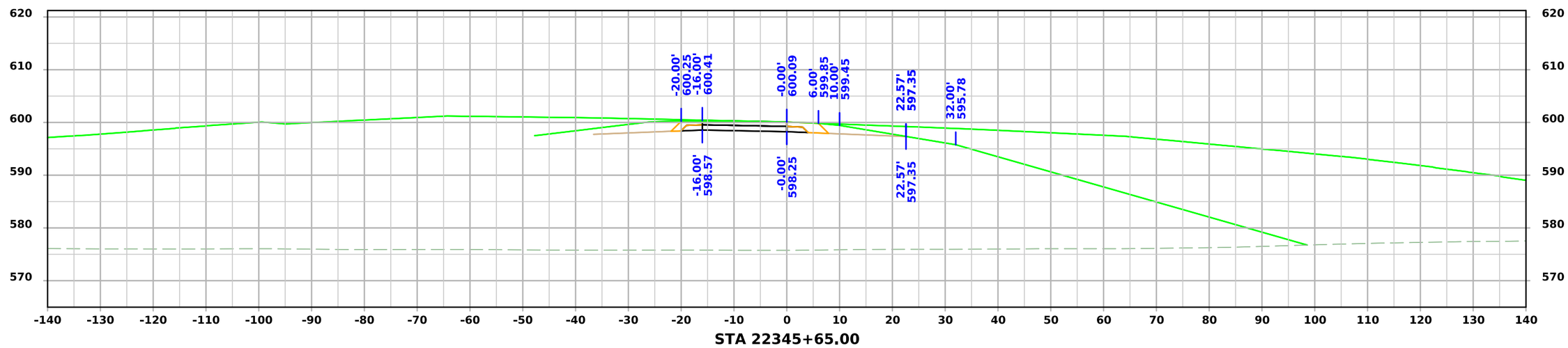




FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.204

12:52:25 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y200_RMPBUS61B_58061061Z14.dgn

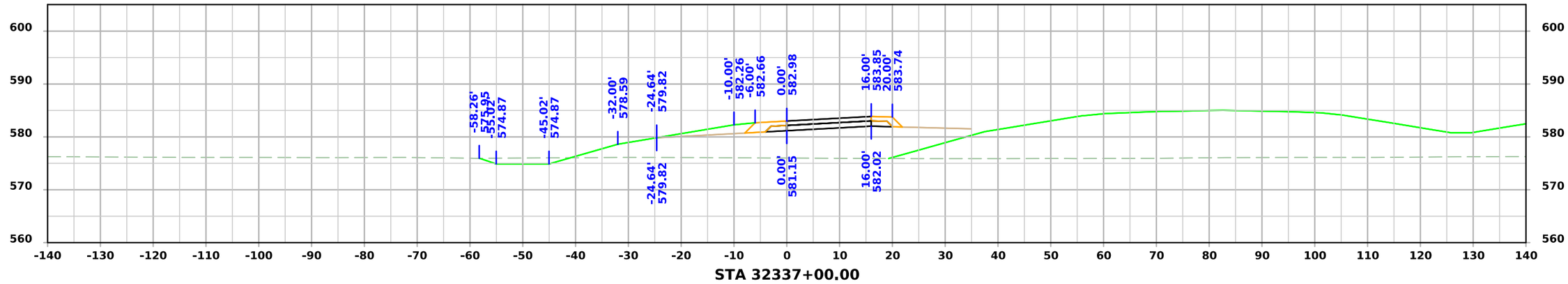
Ramp B BUS61

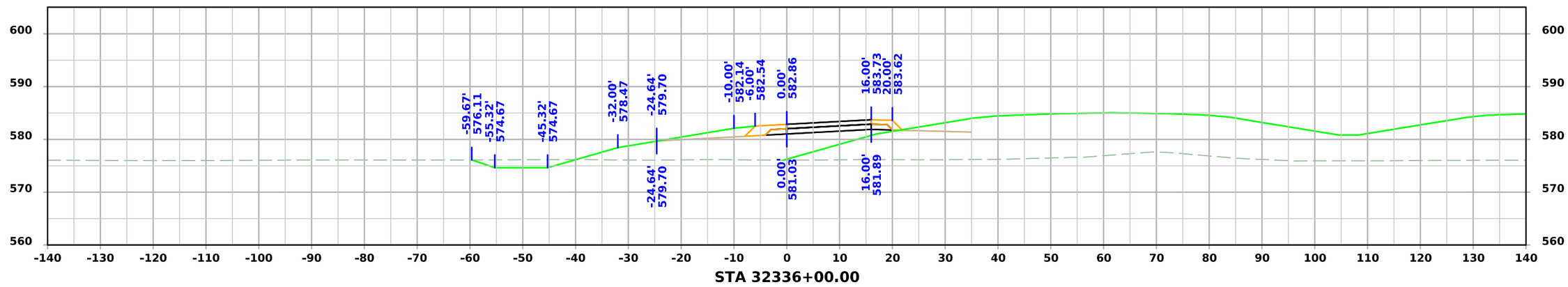


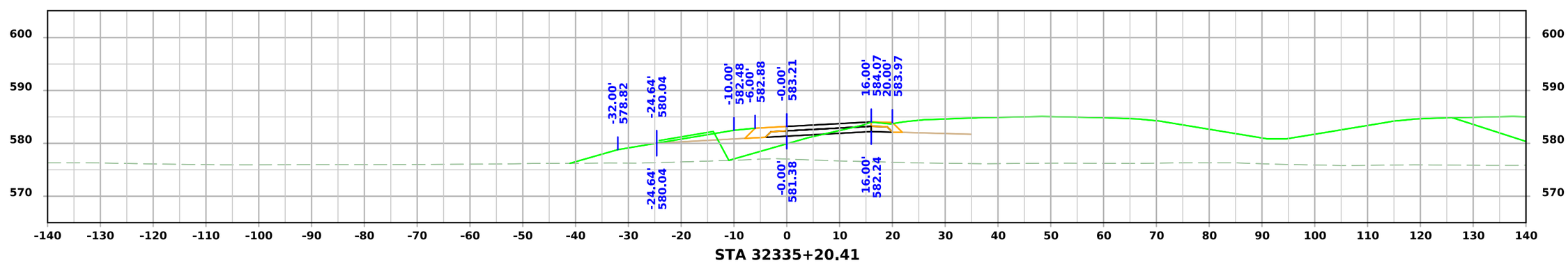
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.205

12:52:26 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y200_RMPBUS61B_58061061Z14.dgn

Ramp C BUS61

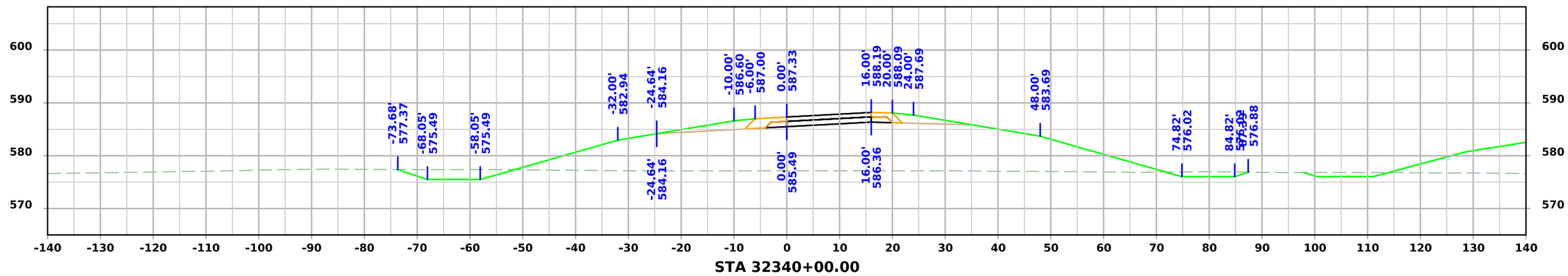


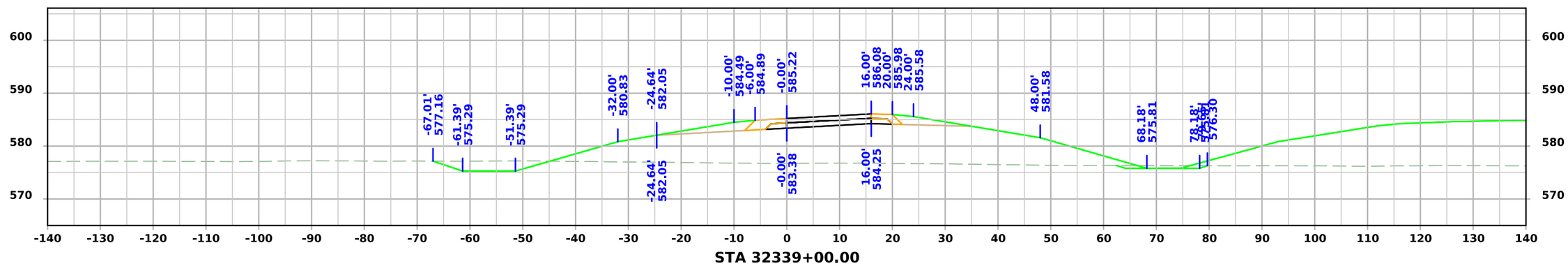


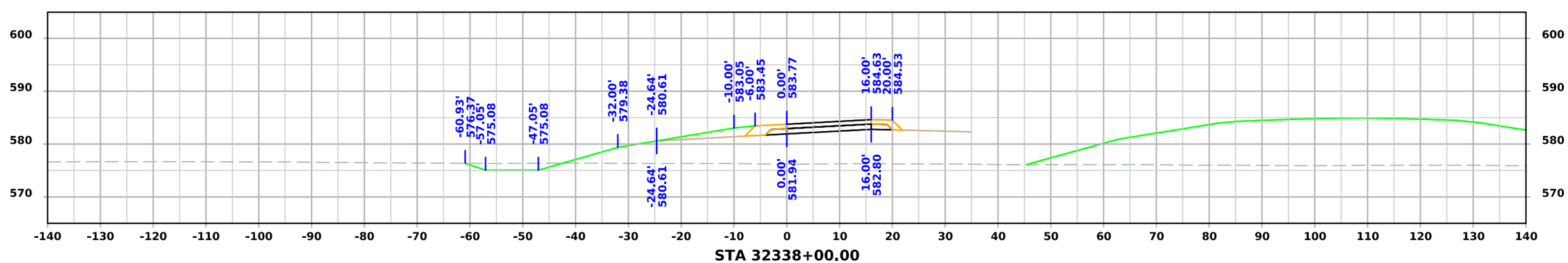


FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.300

Ramp C BUS61



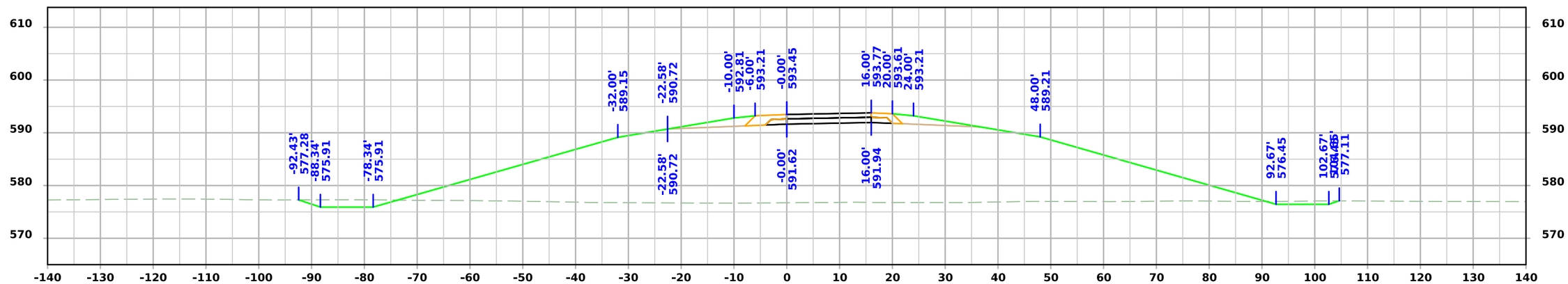




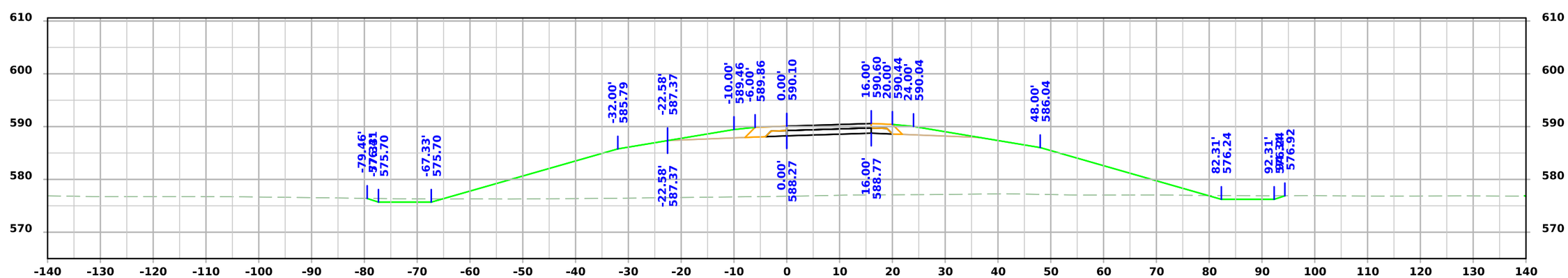
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.301

12:43:43 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y300_RMPBUS61C_58061061Z14.dgn

Ramp C BUS61



STA 32342+00.00

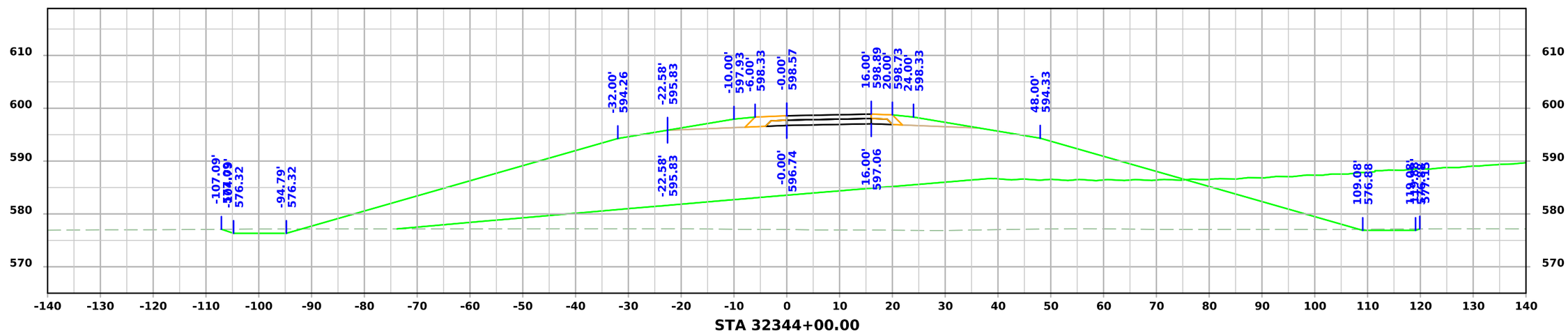


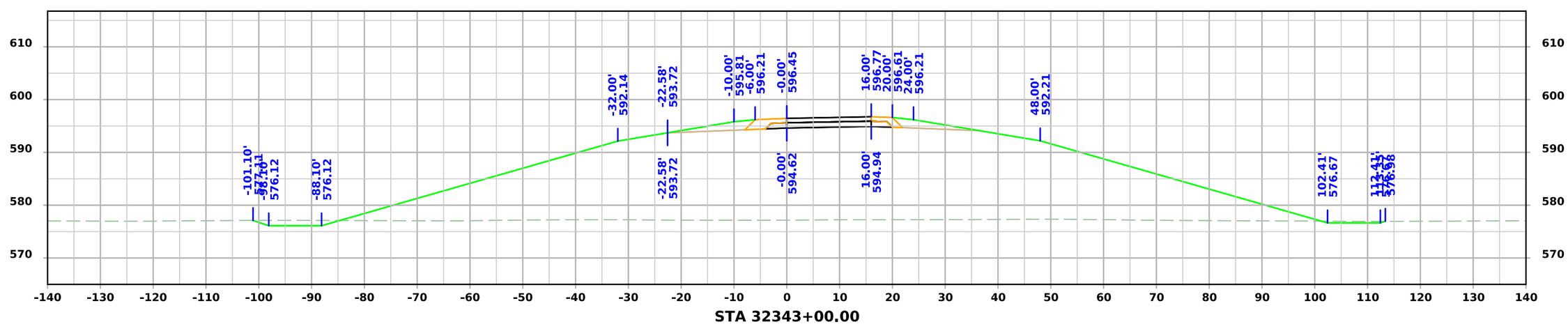
STA 32341+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.302

12:43:45 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y300_RMPBUS61C_58061061Z14.dgn

Ramp C BUS61

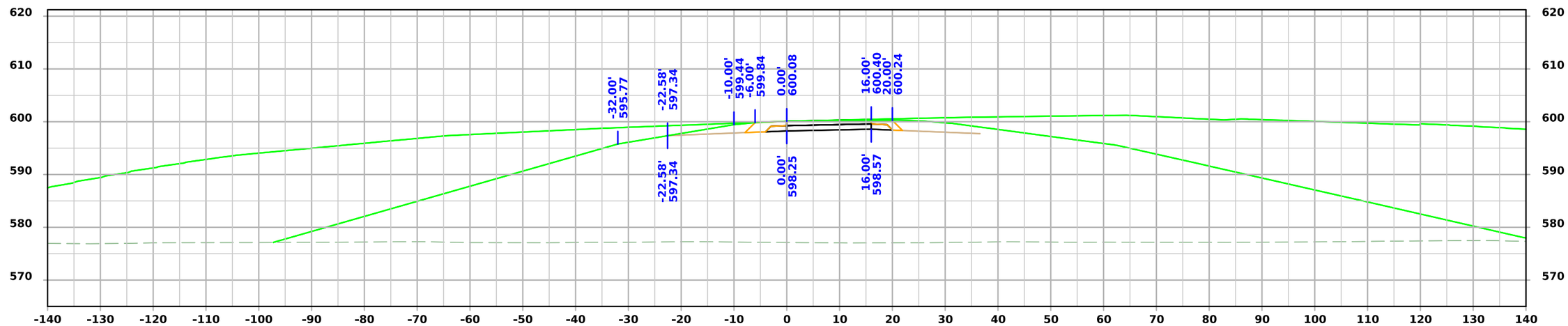




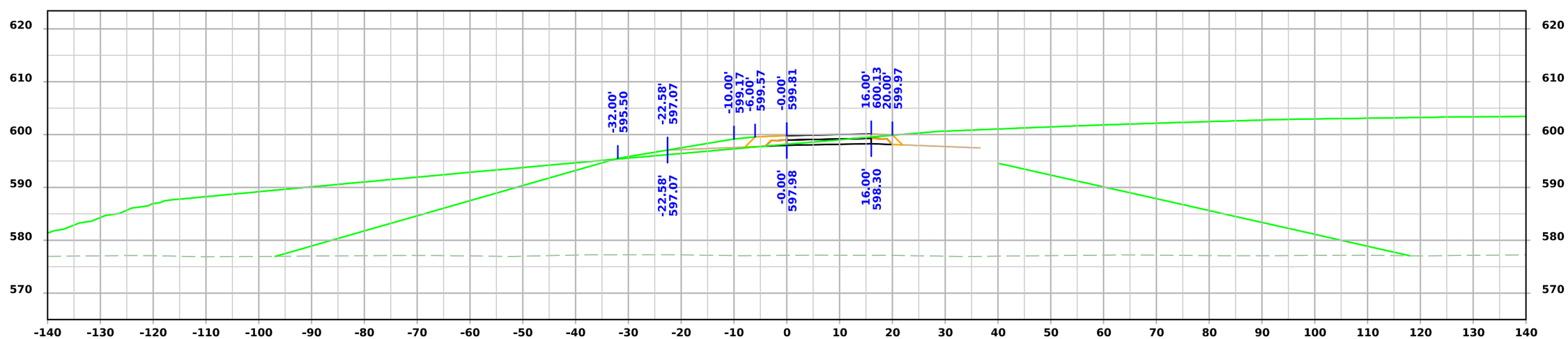
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.303

12:43:48 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y300_RMPBUS61C_58061061Z14.dgn

Ramp C BUS61



STA 32345+33.81

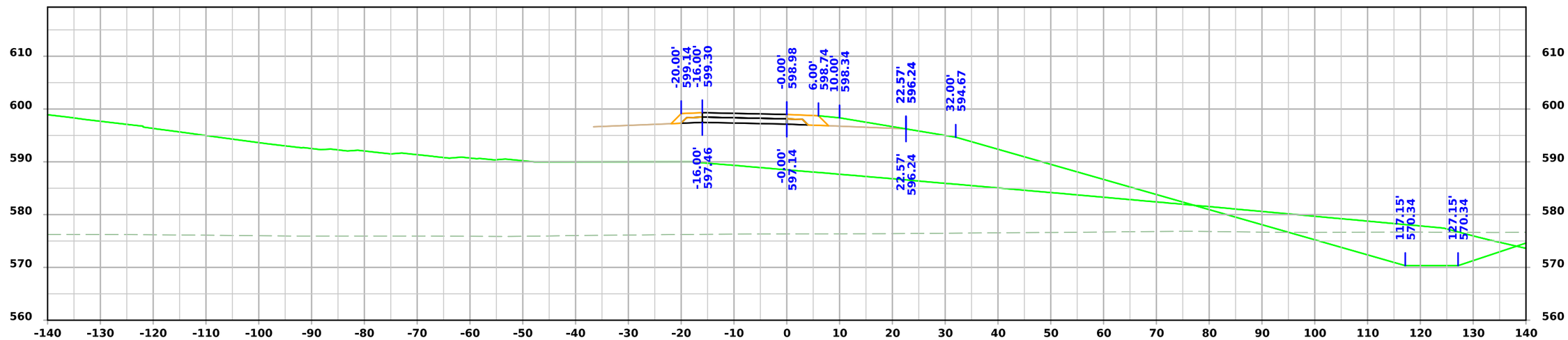


STA 32345+00.00

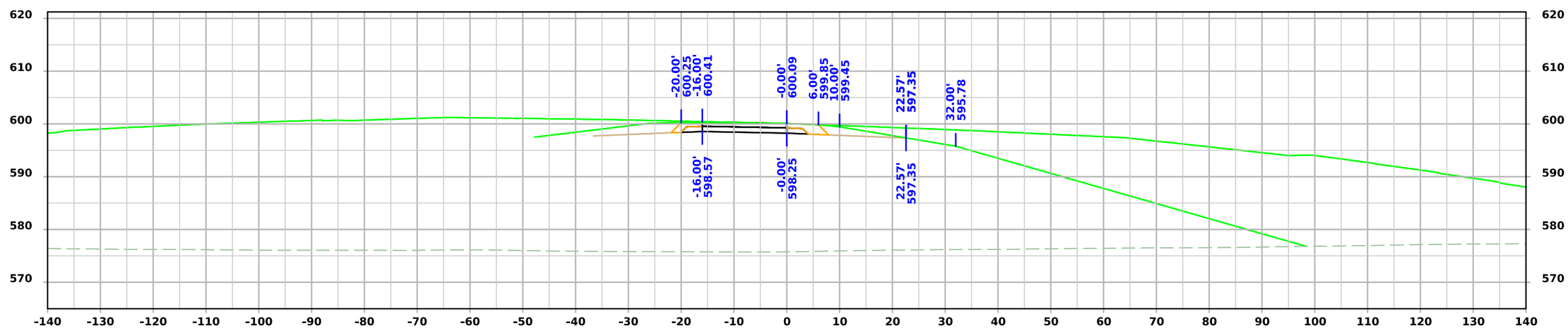
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.304

12:43:50 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y300_RMPBUS61C_58061061Z14.dgn

Ramp D BUS61



STA 42346+00.00

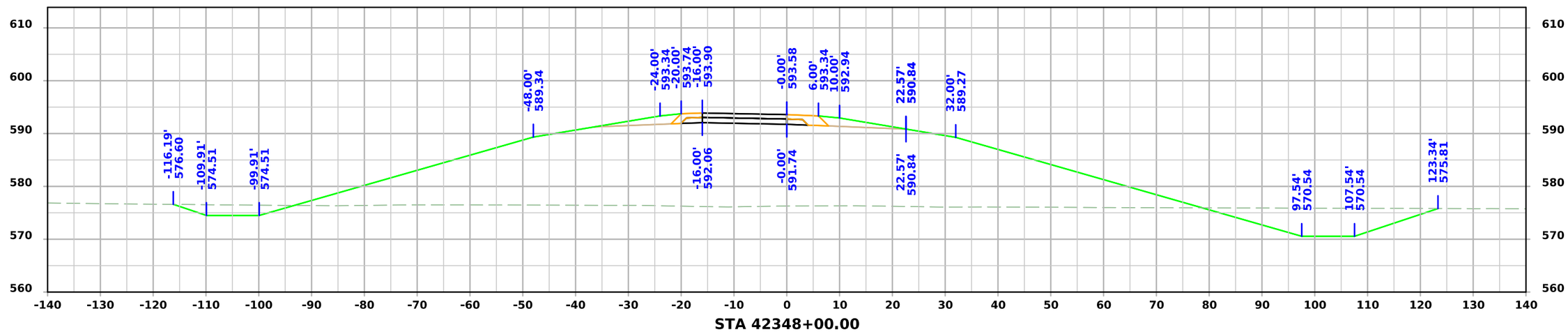


STA 42345+00.00

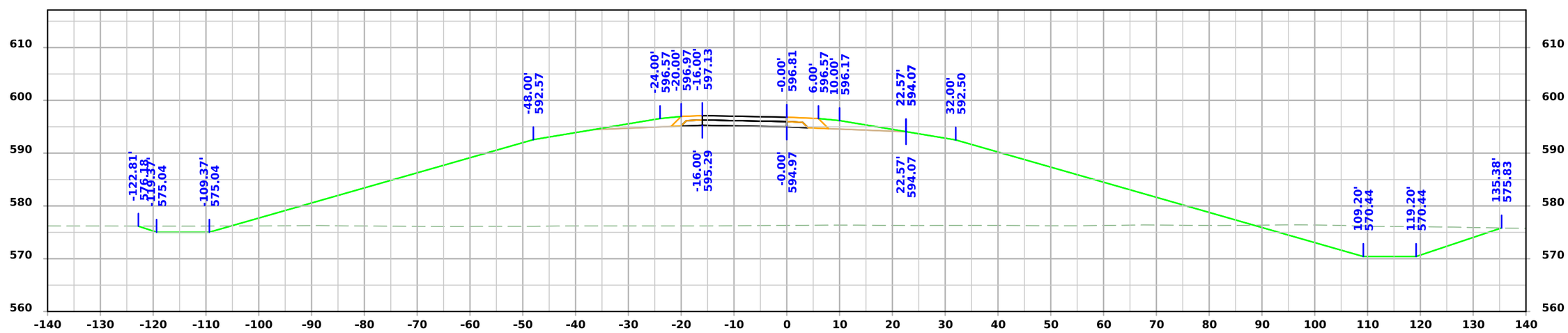
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.400

1:09:53 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y400_RMPBUS61D_58061061Z14.dgn

Ramp D BUS61



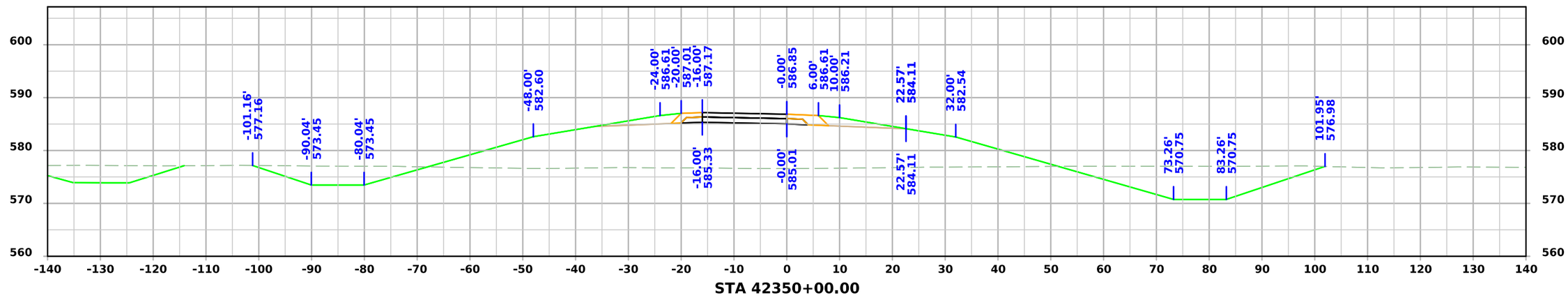
STA 42348+00.00

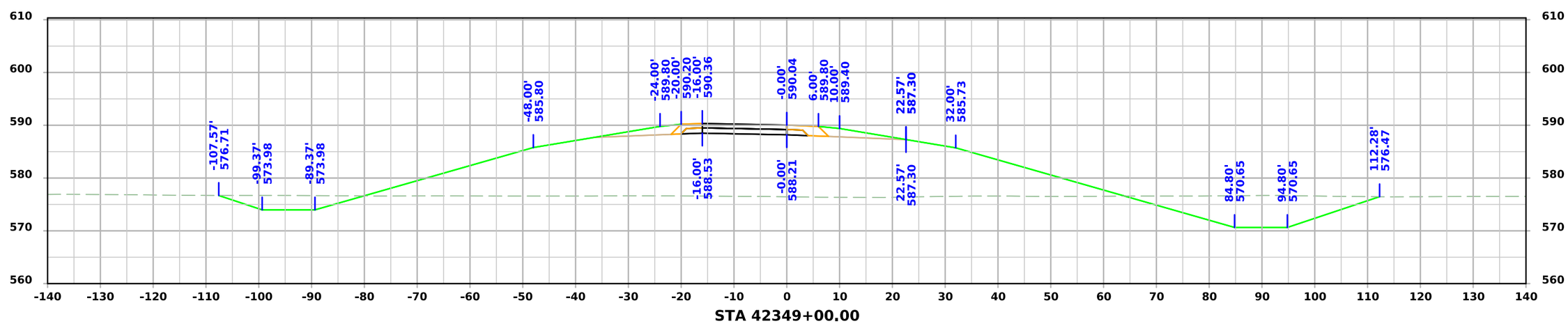


STA 42347+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.401

Ramp D BUS61

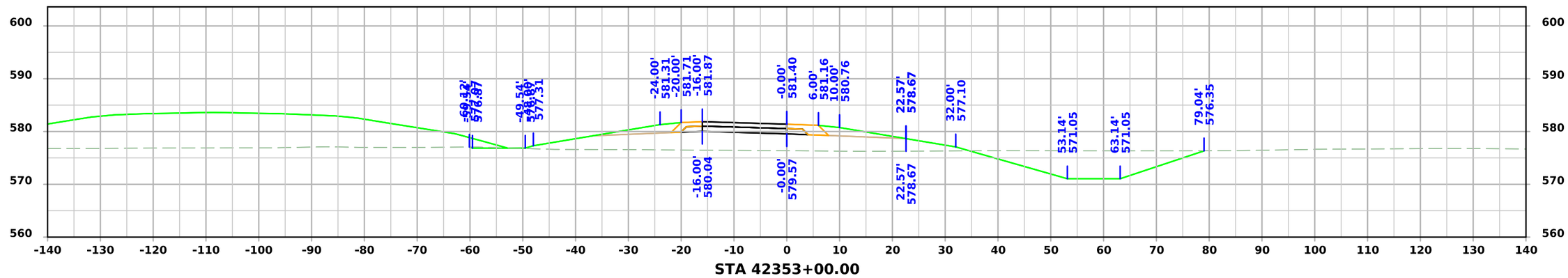


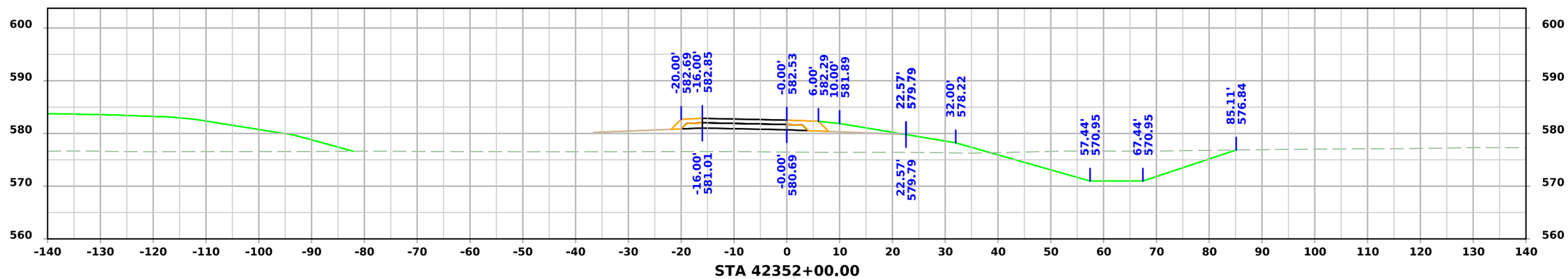


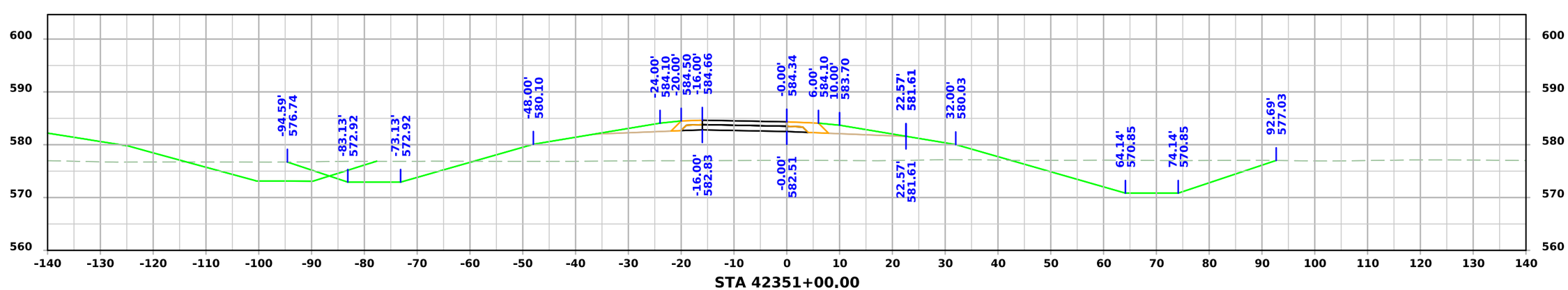
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.402

1:09:58 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y400_RMPBUS61D_58061061Z14.dgn

Ramp D BUS61



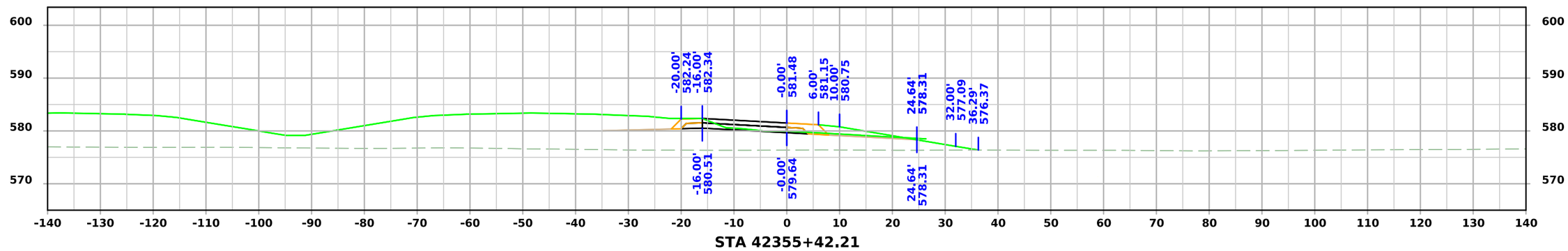


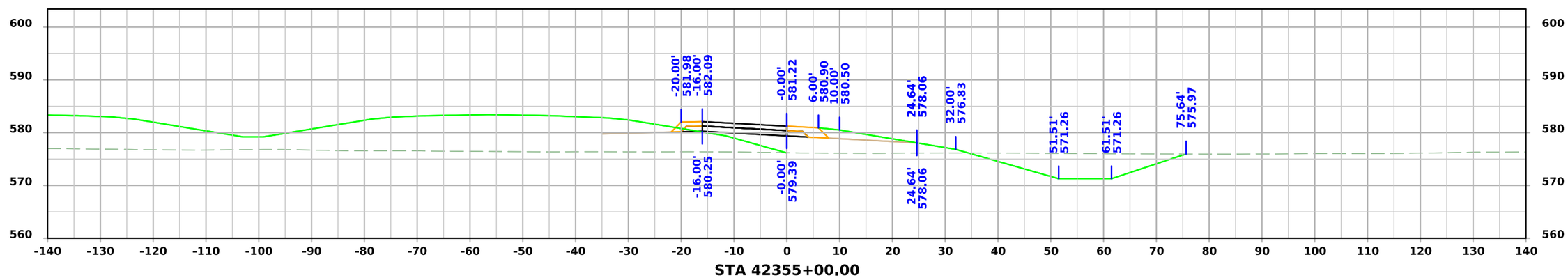


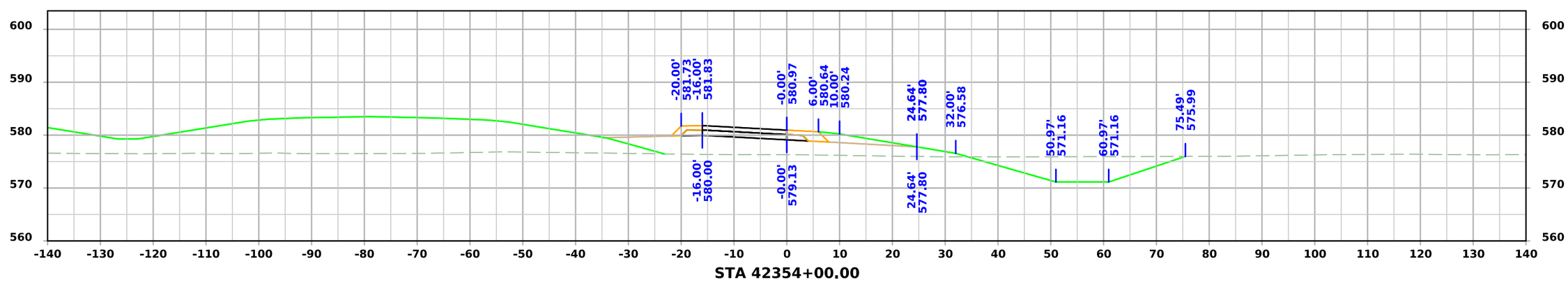
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.403

1:10:01 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y400_RMPBUS61D_58061061Z14.dgn

Ramp D BUS61



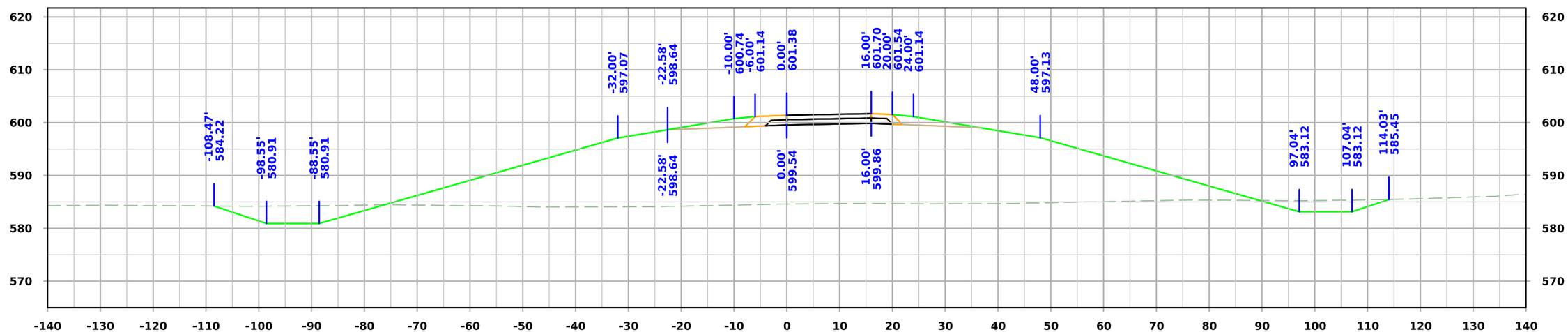




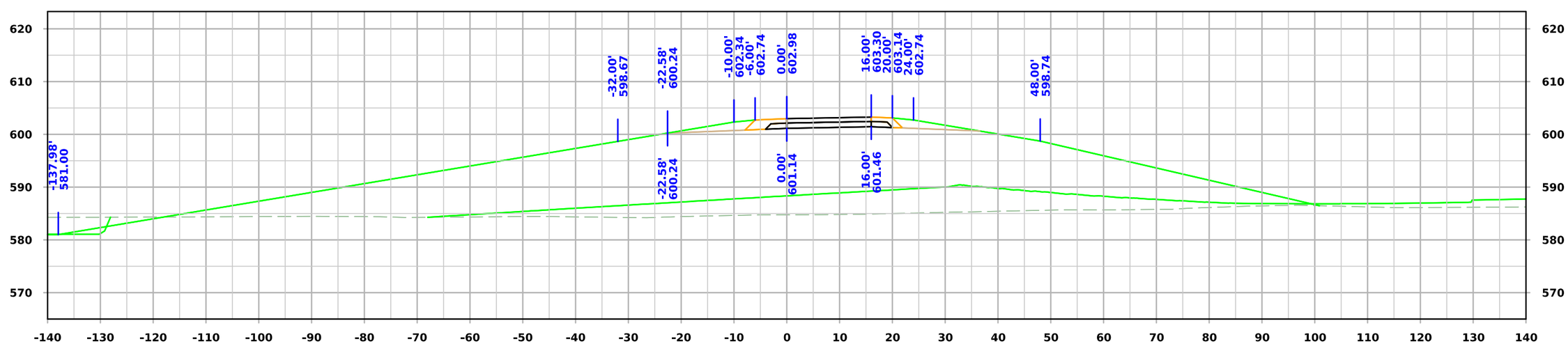
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.404

1:10:05 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y400_RMPBUS61D_58061061Z14.dgn

Ramp A G62



STA. 11552+00.00

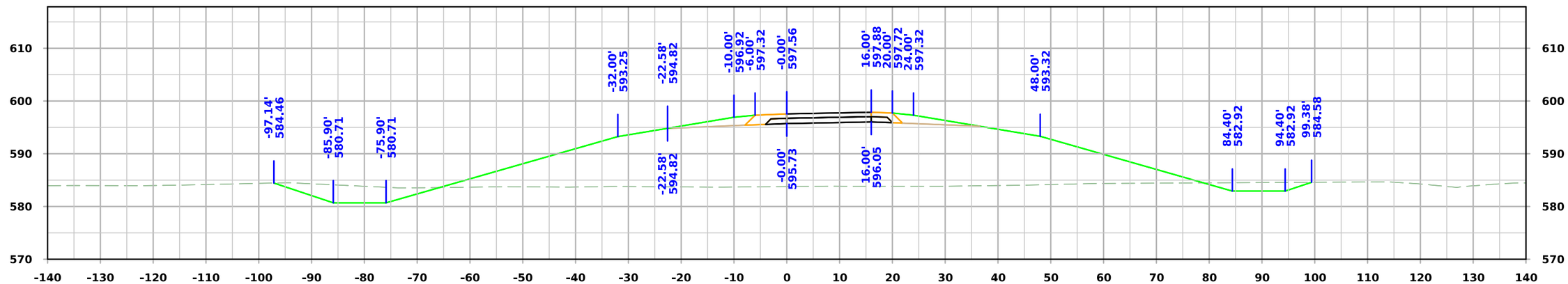


STA. 11551+12.54

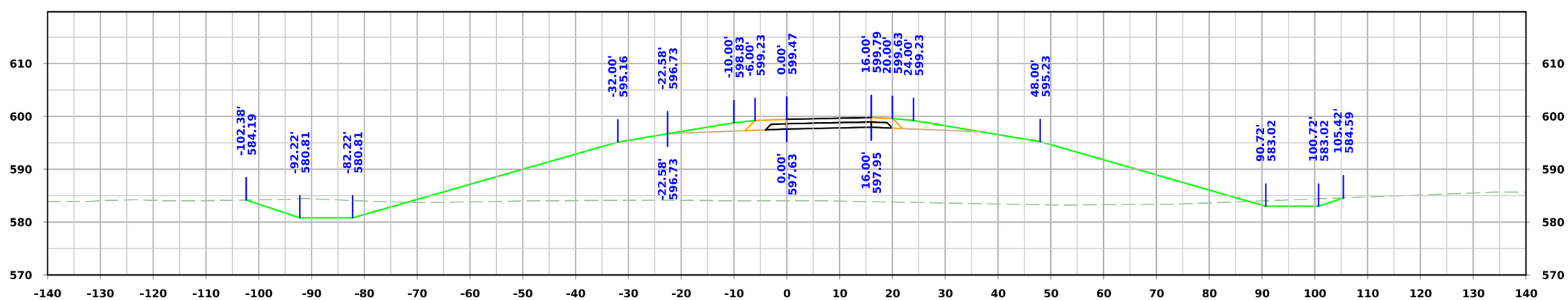
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.500

1:56:47 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y500_RMPG62A_58061061Z14.dgn

Ramp A G62



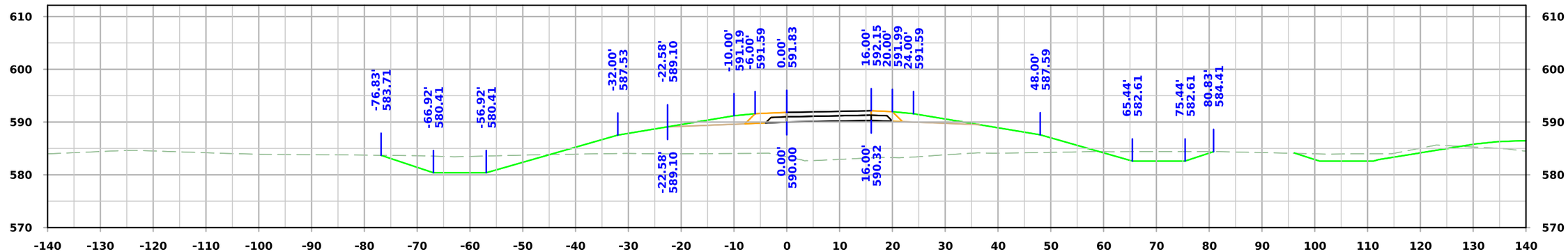
STA. 11554+00.00



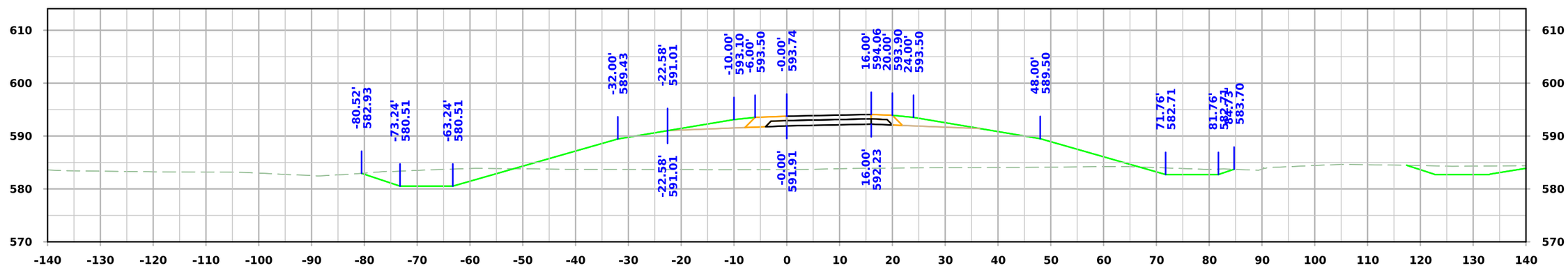
STA. 11553+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.501

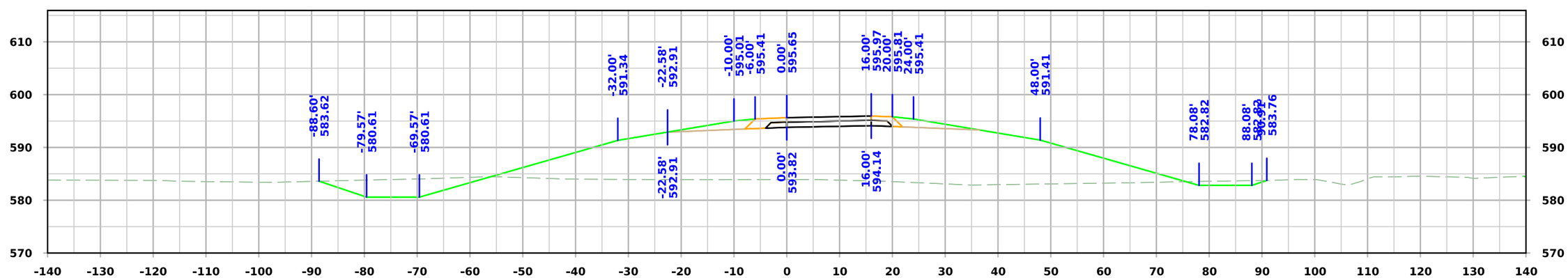
Ramp A G62



STA. 11557+00.00



STA. 11556+00.00

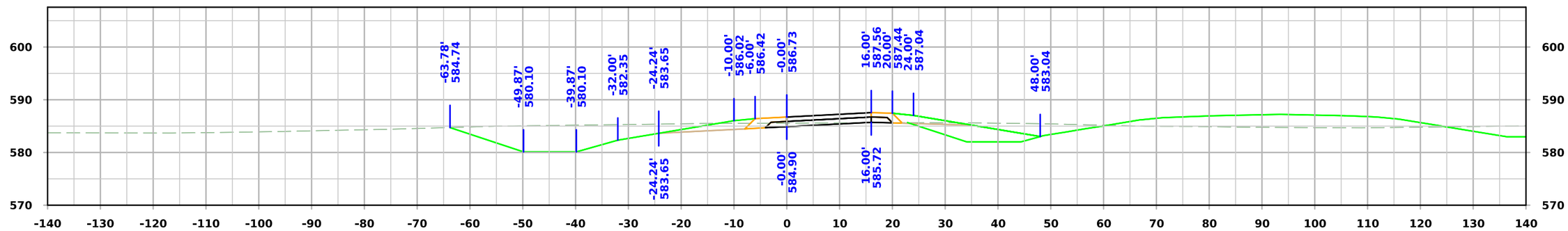


STA. 11555+00.00

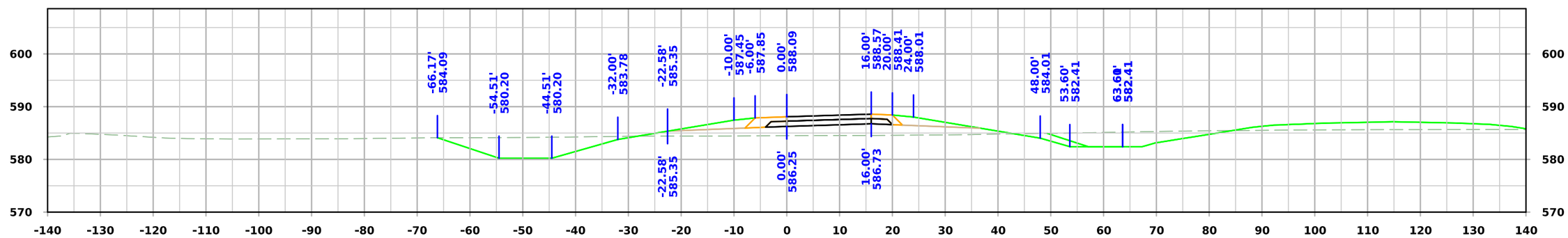
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.502

1:57:05 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y500_RMPG62A_58061061Z14.dgn

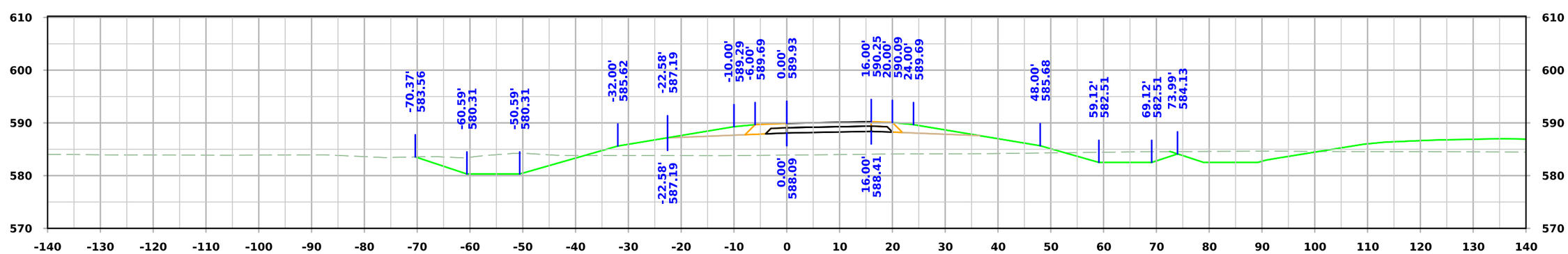
Ramp A G62



STA. 11560+00.00



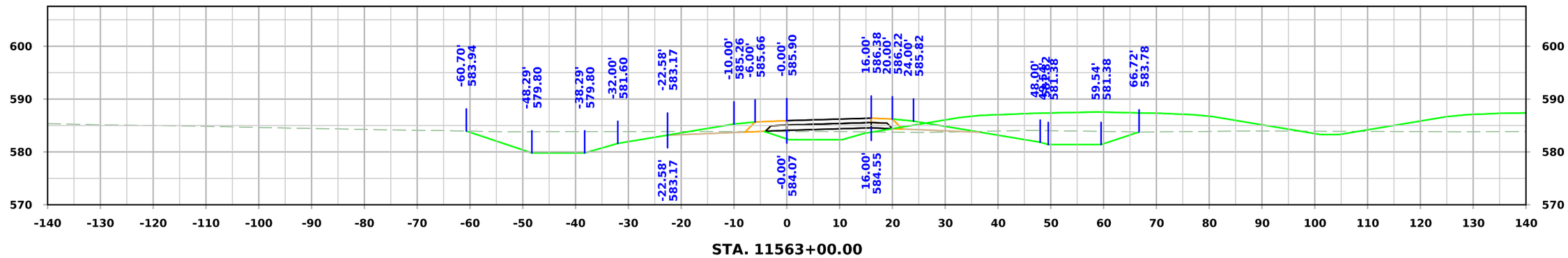
STA. 11559+00.00



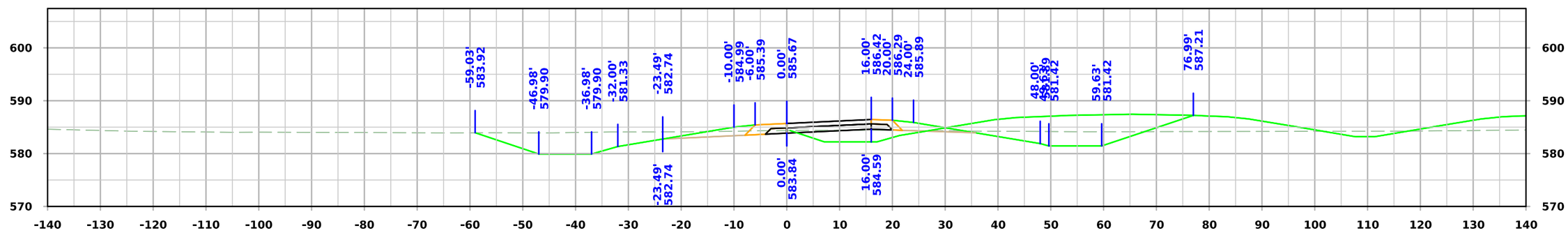
STA. 11558+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.503

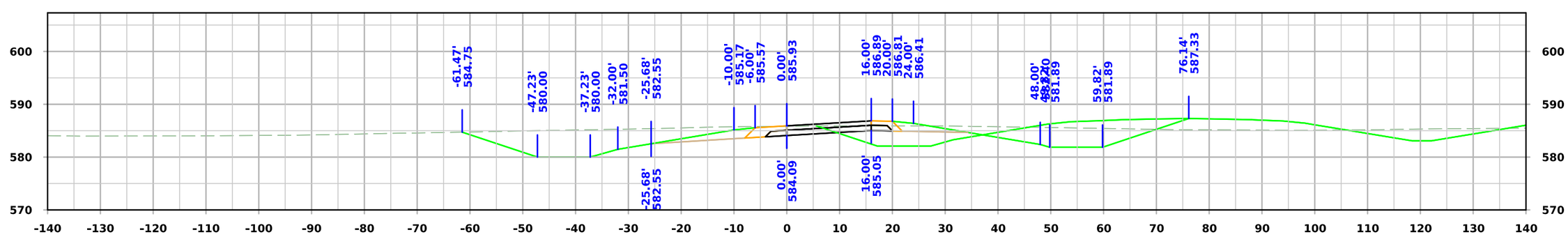
Ramp A G62



STA. 11563+00.00



STA. 11562+00.00

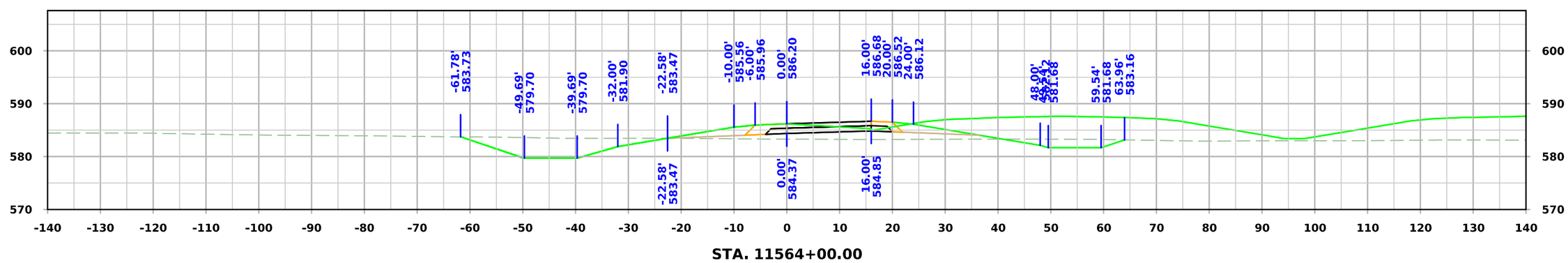


STA. 11561+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.504

1:57:28 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y500_RMPG62A_58061061Z14.dgn

Ramp A G62

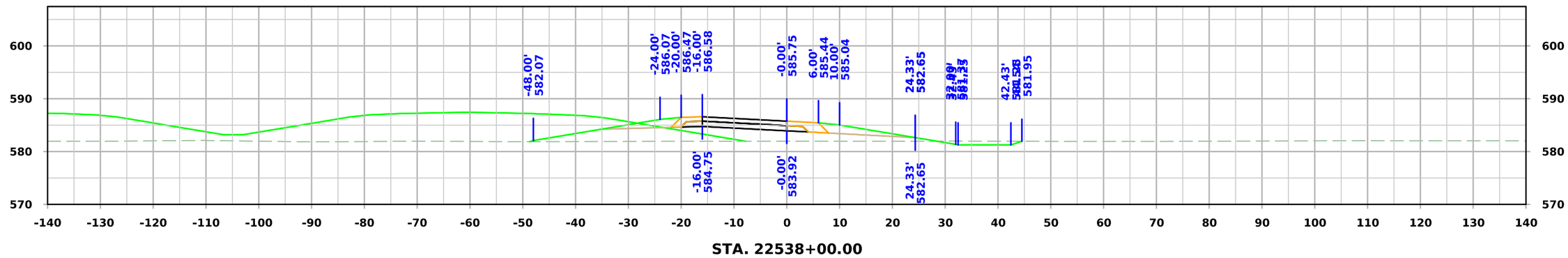


STA. 11564+00.00

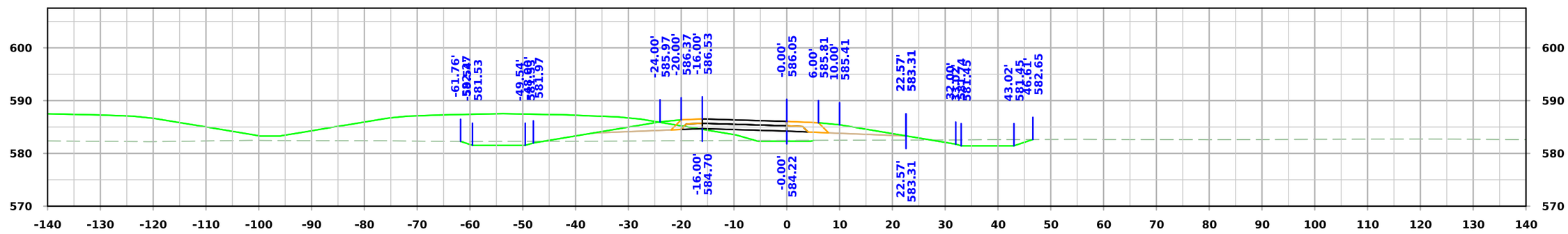
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.505

1:57:33 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y500_RMPG62A_58061061Z14.dgn

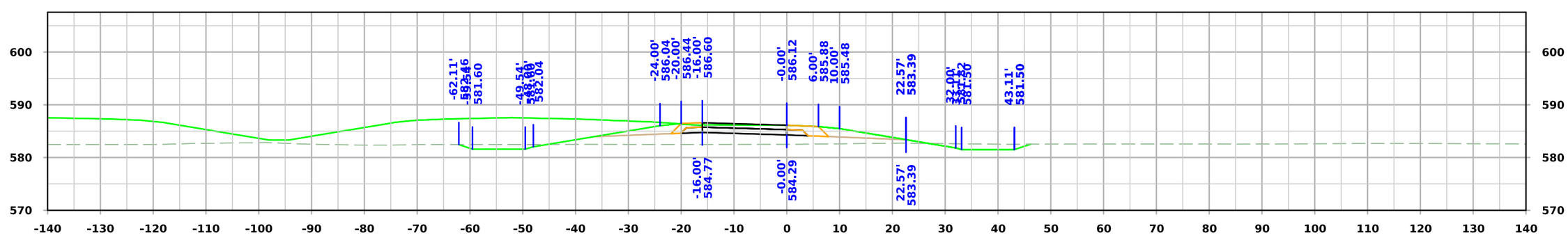
Ramp B G62



STA. 22538+00.00



STA. 22537+00.00

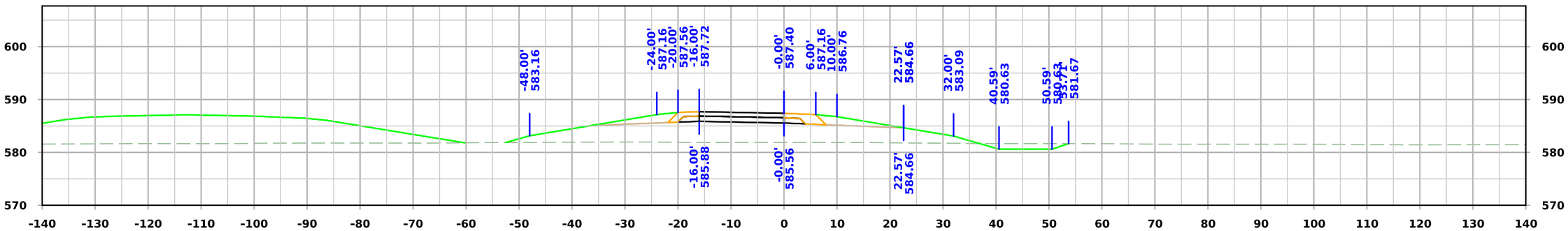


STA. 22536+75.00

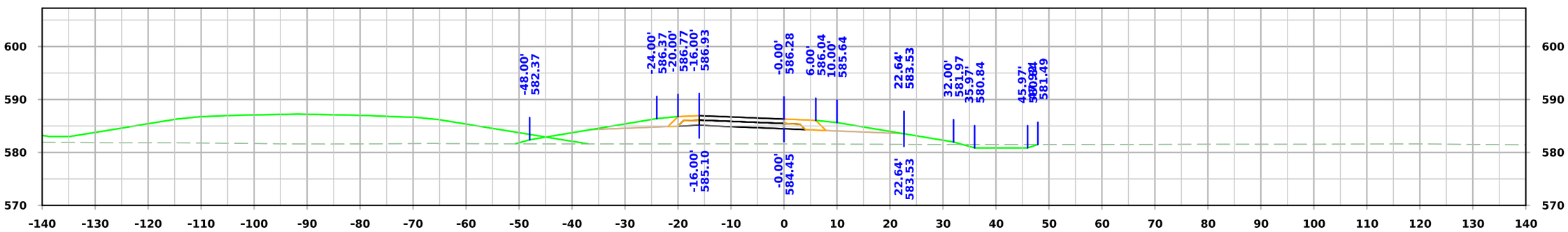
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.600

1:56:21 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y600_RMPG62B_58061061Z14.dgn

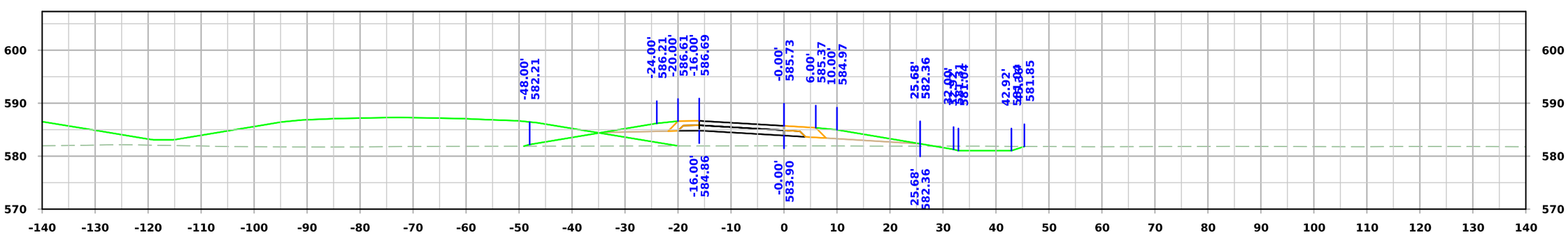
Ramp B G62



STA. 22541+00.00



STA. 22540+00.00

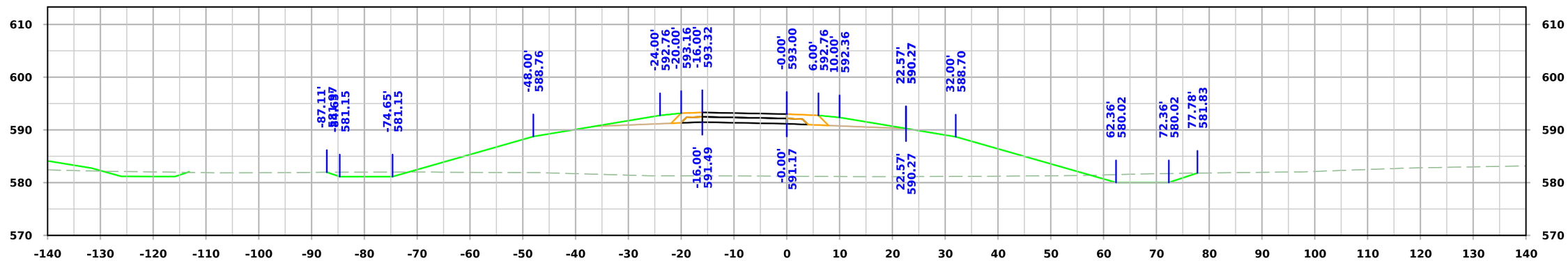


STA. 22539+00.00

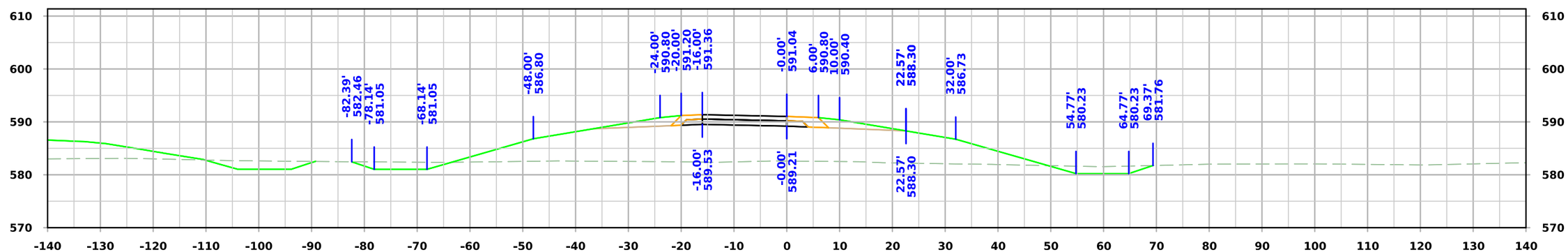
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.601

1:56:25 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y600_RMPG62B_58061061Z14.dgn

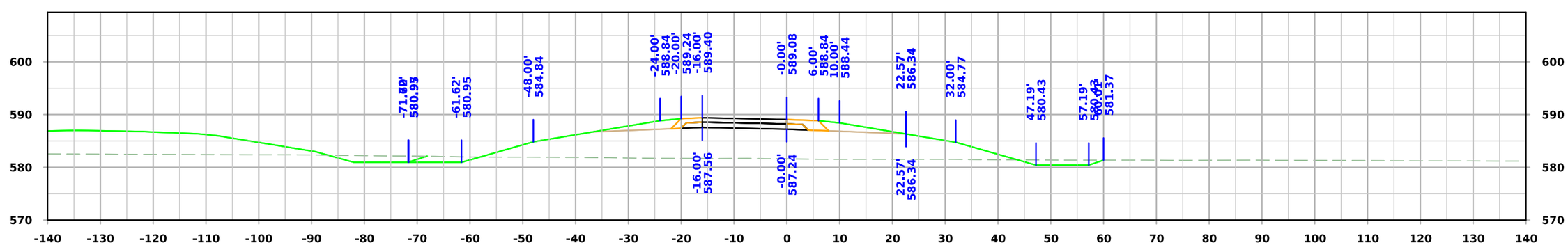
Ramp B G62



STA. 22544+00.00



STA. 22543+00.00

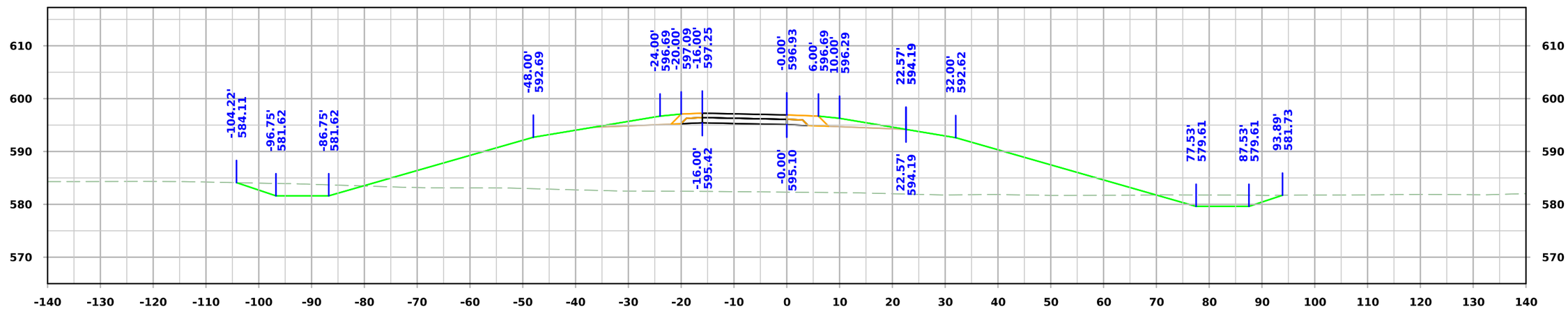


STA. 22542+00.00

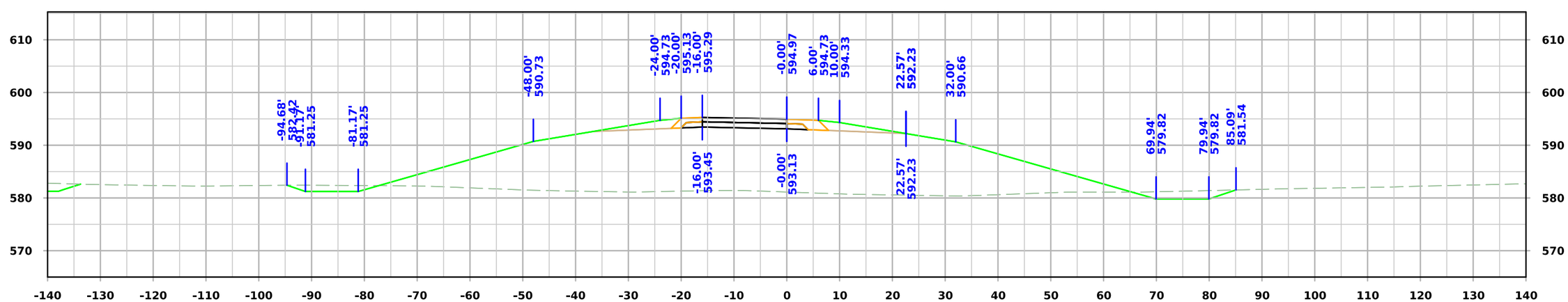
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.602

1:56:28 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y600_RMPG62B_58061061Z14.dgn

Ramp B G62



STA. 22546+00.00

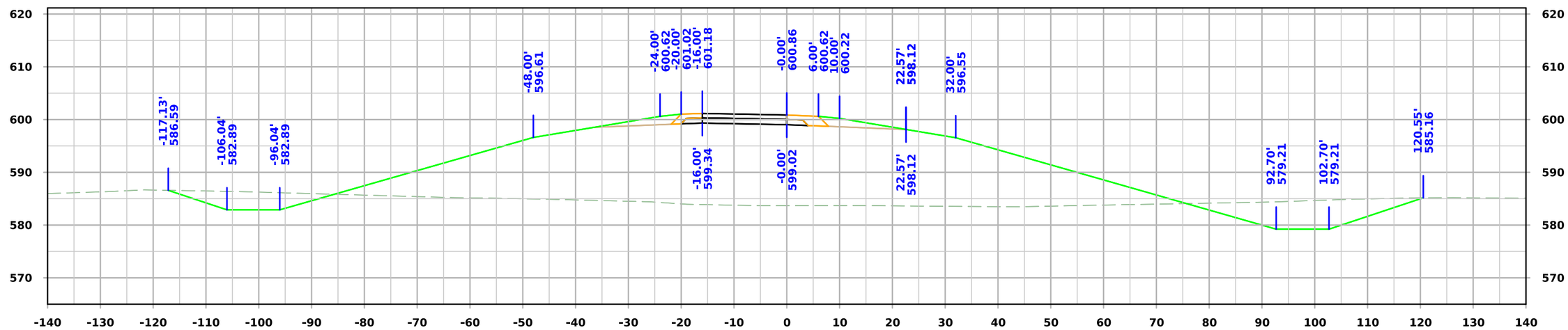


STA. 22545+00.00

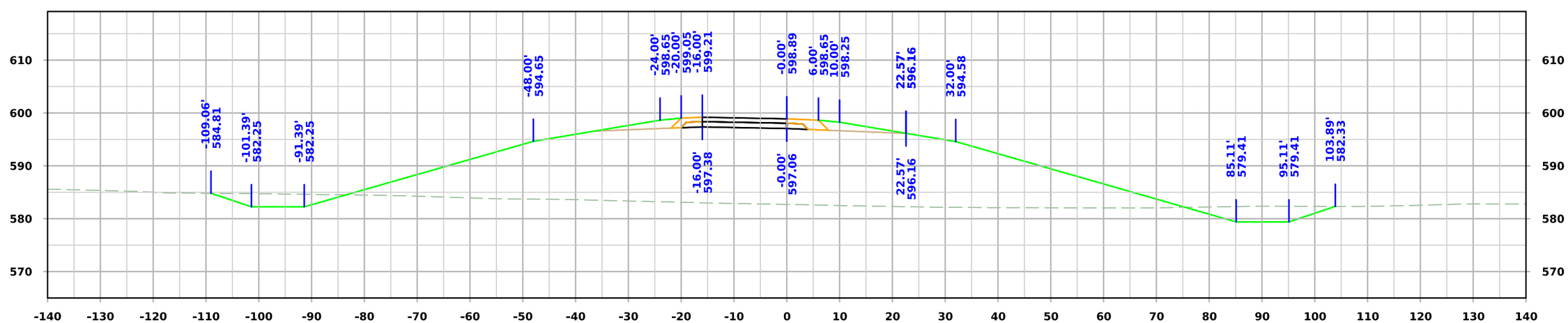
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.603

1:56:30 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y600_RMPG62B_58061061Z14.dgn

Ramp B G62



STA. 22548+00.00

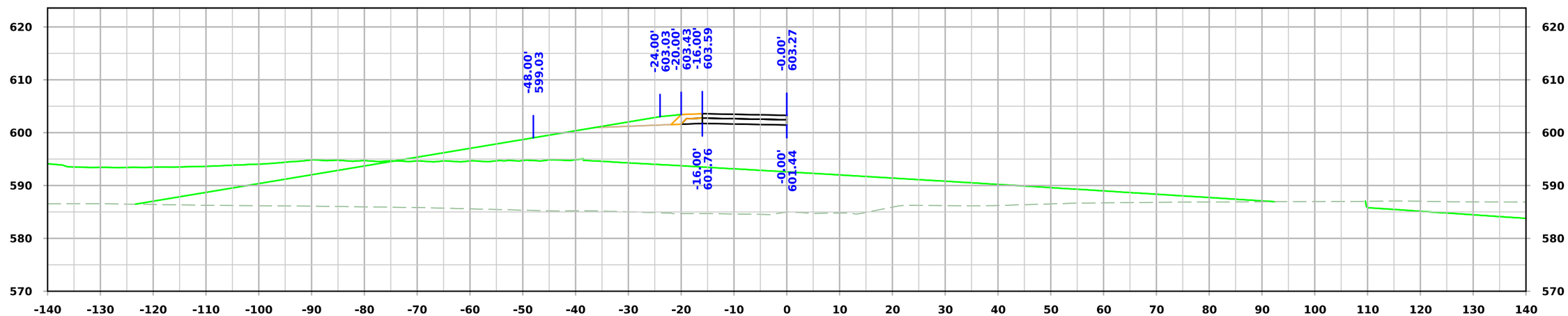


STA. 22547+00.00

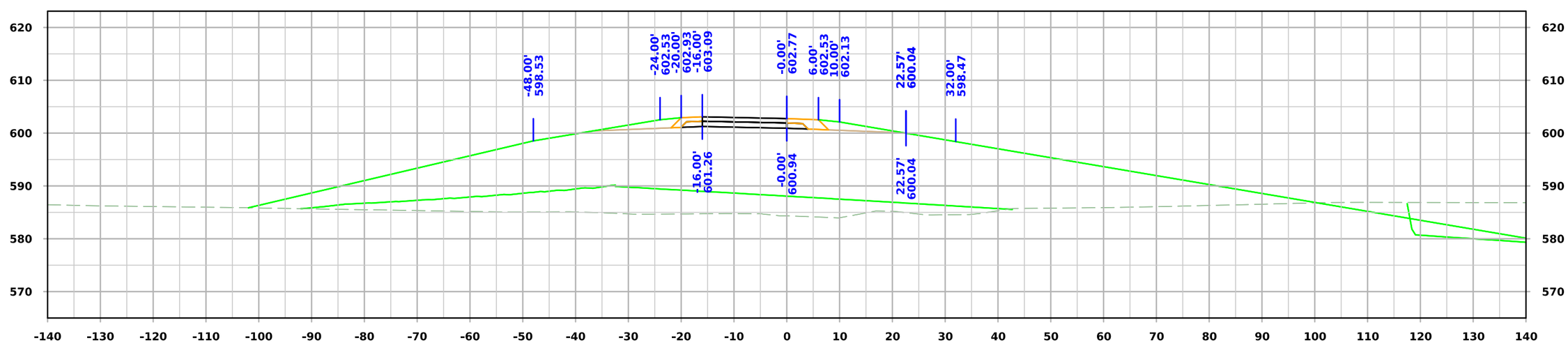
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.604

1:56:33 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y600_RMPG62B_58061061Z14.dgn

Ramp B G62



STA. 22549+28.43

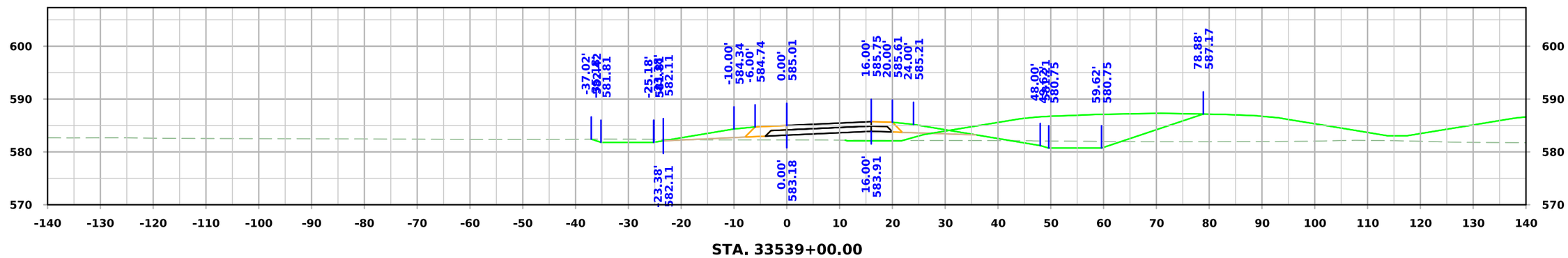


STA. 22549+00.00

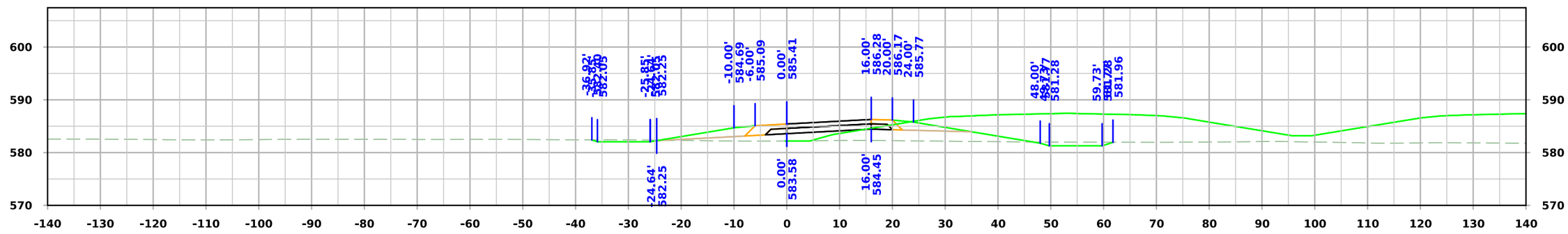
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.605

1:56:35 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y600_RMPG62B_58061061Z14.dgn

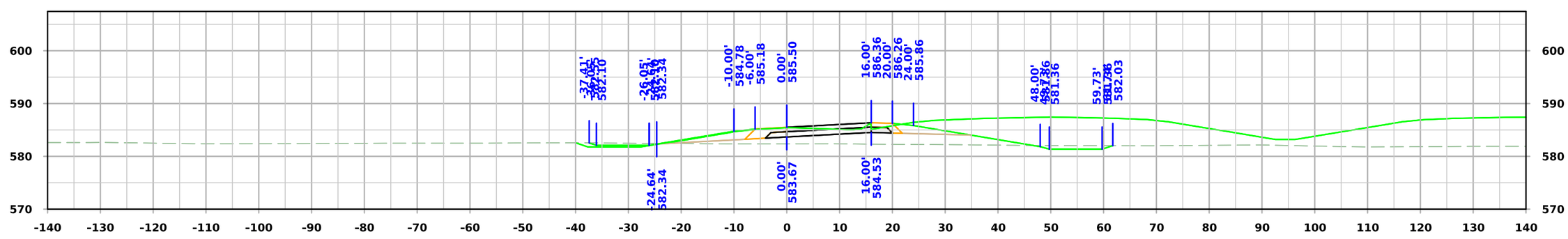
Ramp C G62



STA. 33539+00.00



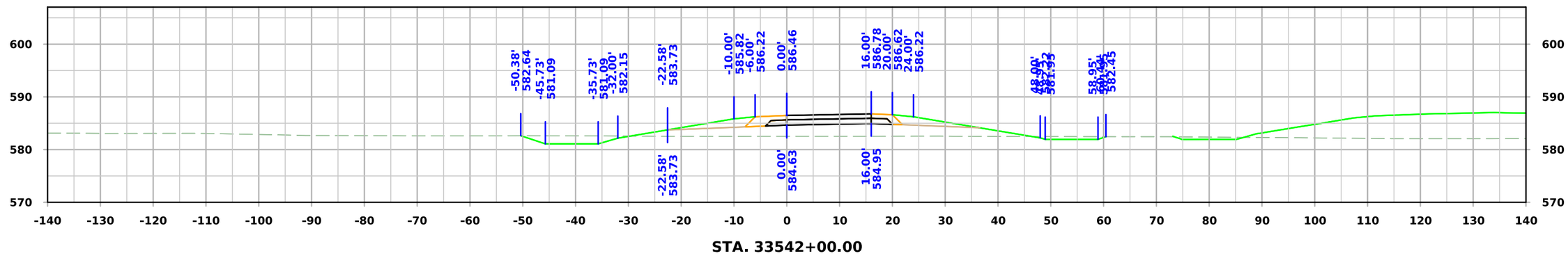
STA. 33538+00.00



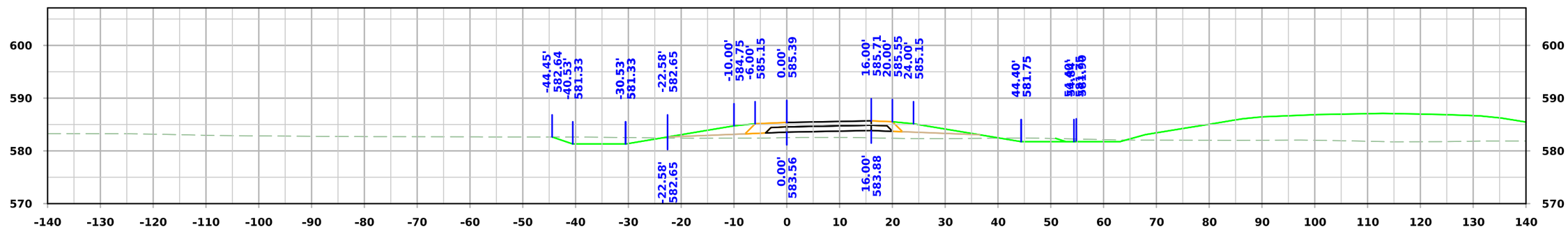
STA. 33537+78.67

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.700

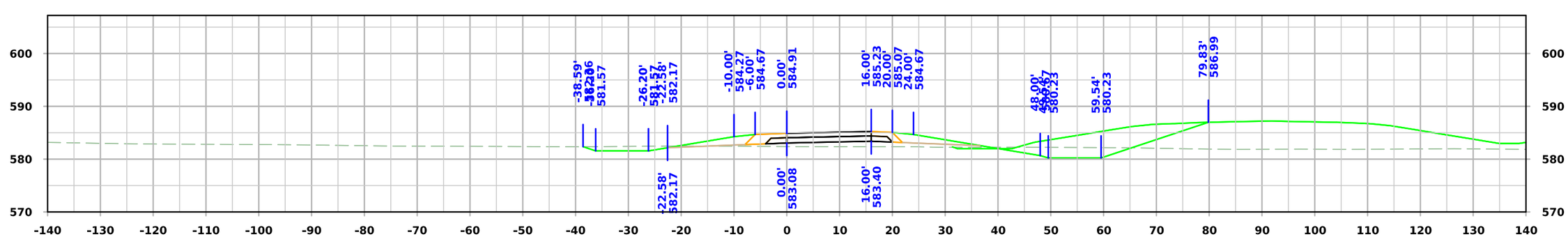
Ramp C G62



STA. 33542+00.00



STA. 33541+00.00

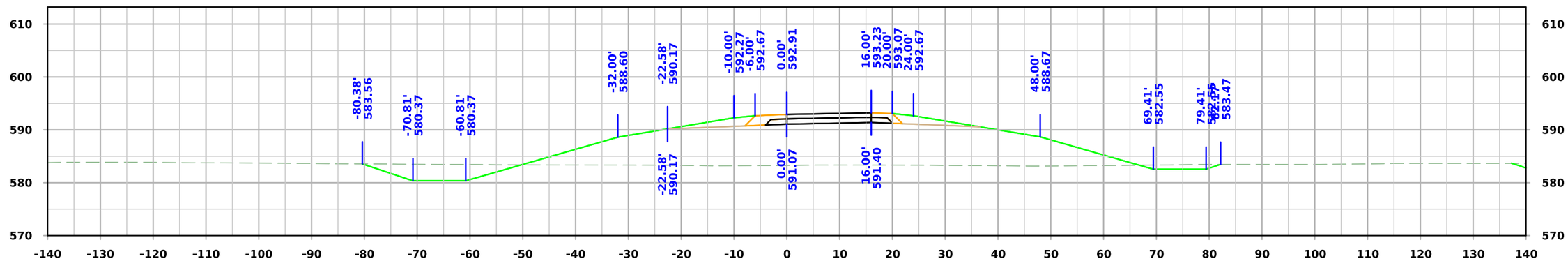


STA. 33540+00.00

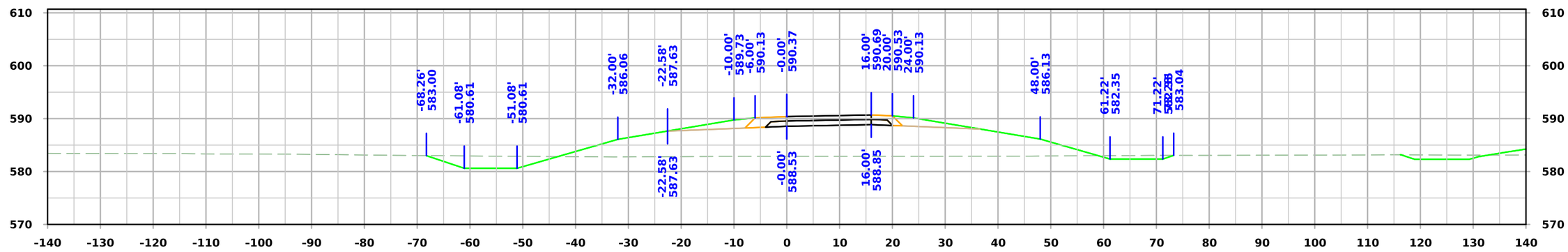
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.701

2:21:22 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y700_RMPG62C_58061061Z14.dgn

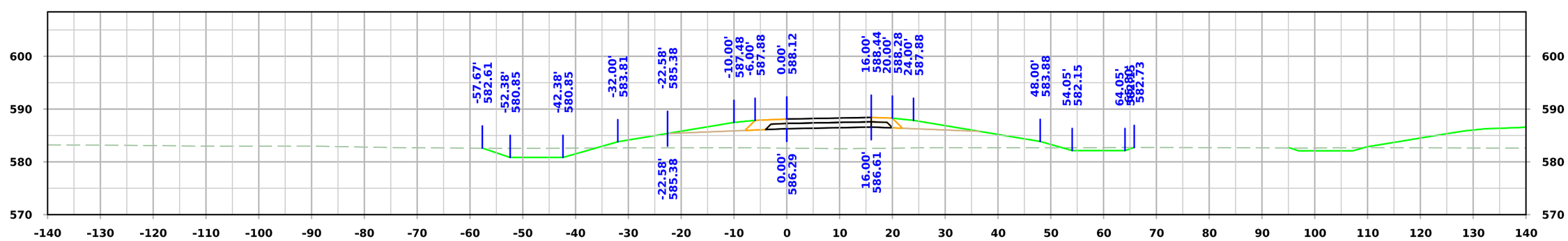
Ramp C G62



STA. 33545+00.00



STA. 33544+00.00

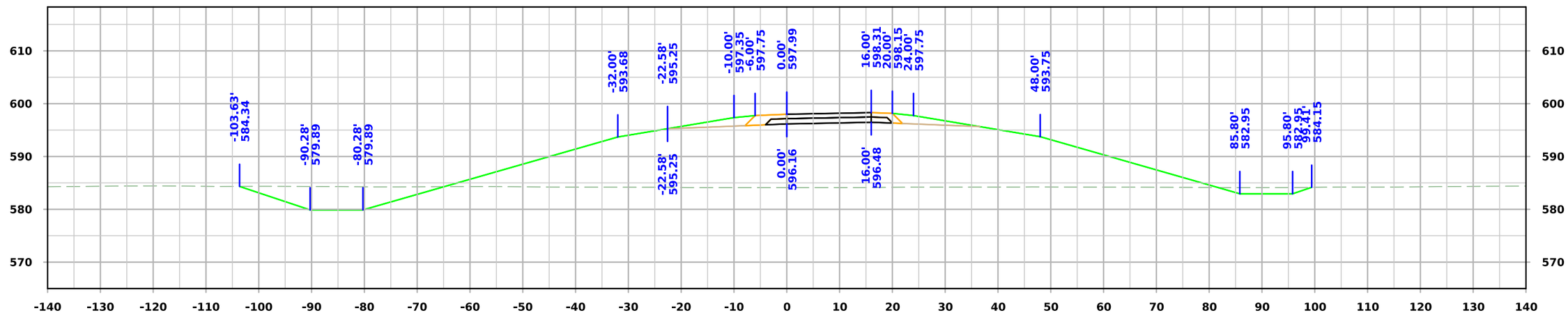


STA. 33543+00.00

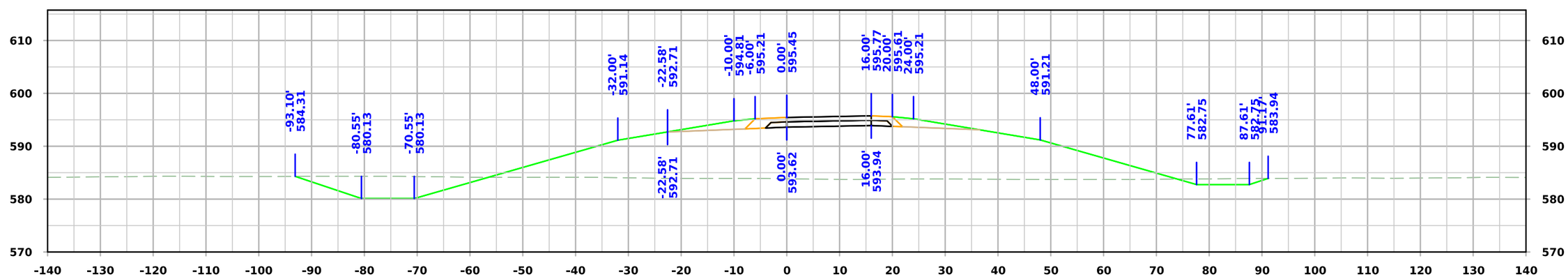
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.702

2:21:30 PM 10/25/2024 emcdona pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y700_RMPG62C_58061061Z14.dgn

Ramp C G62



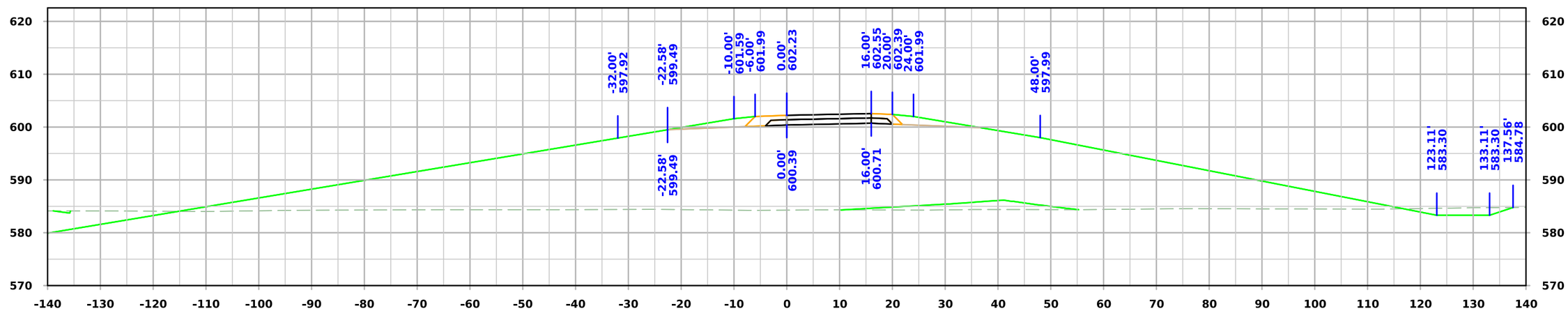
STA. 33547+00.00



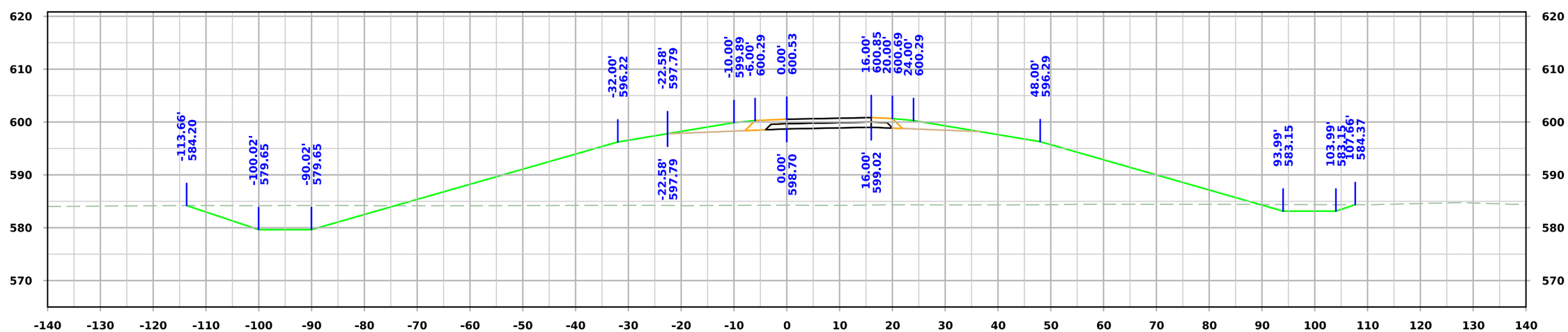
STA. 33546+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.703

Ramp C G62



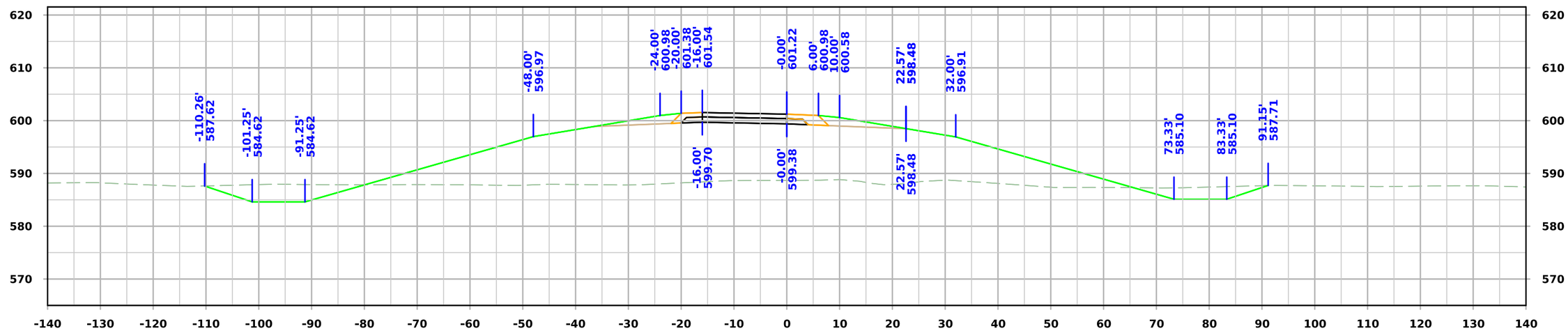
STA. 33548+72.63



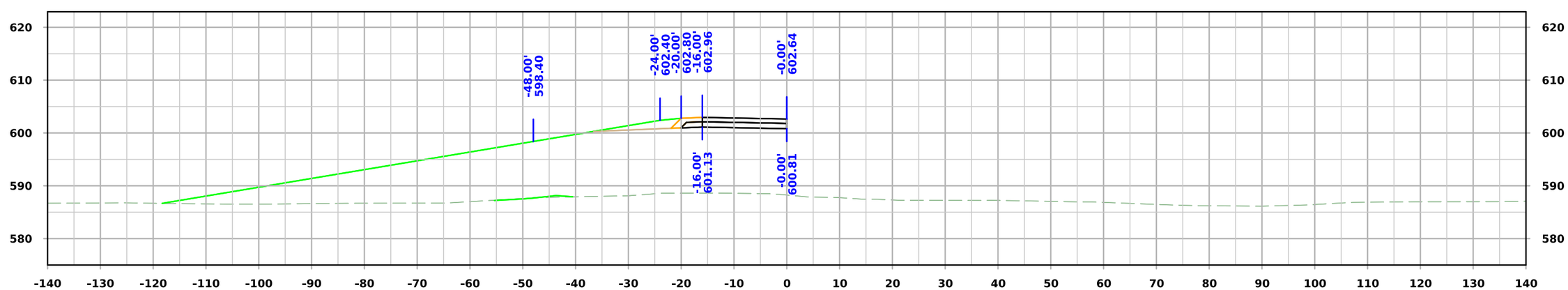
STA. 33548+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.704

Ramp D G62



STA. 44552+00.00

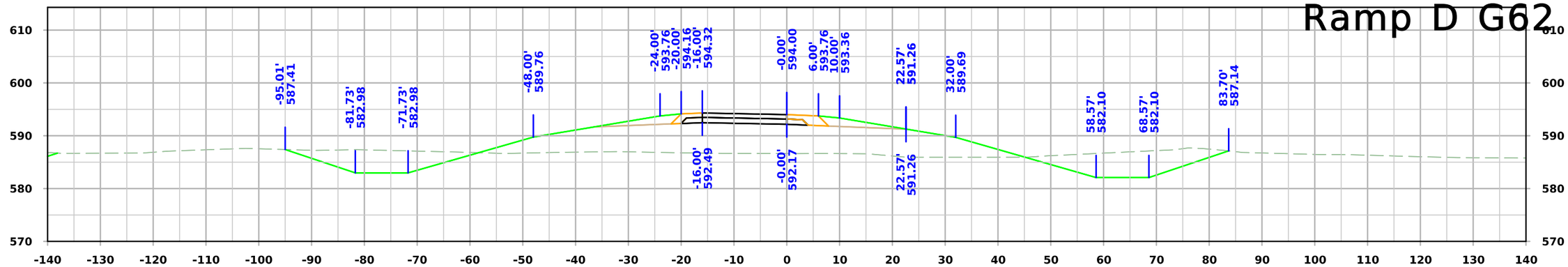


STA. 44551+28.11

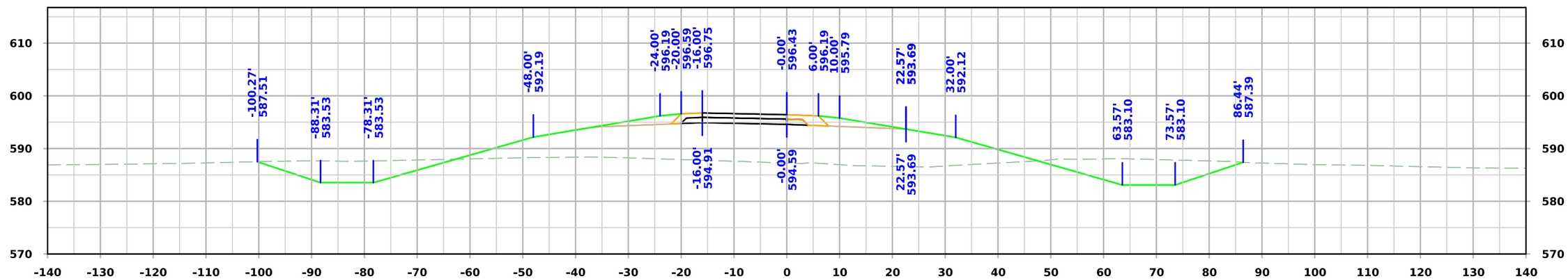
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.800

2:09:00 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y800_RMPG62D_58061061Z14.dgn

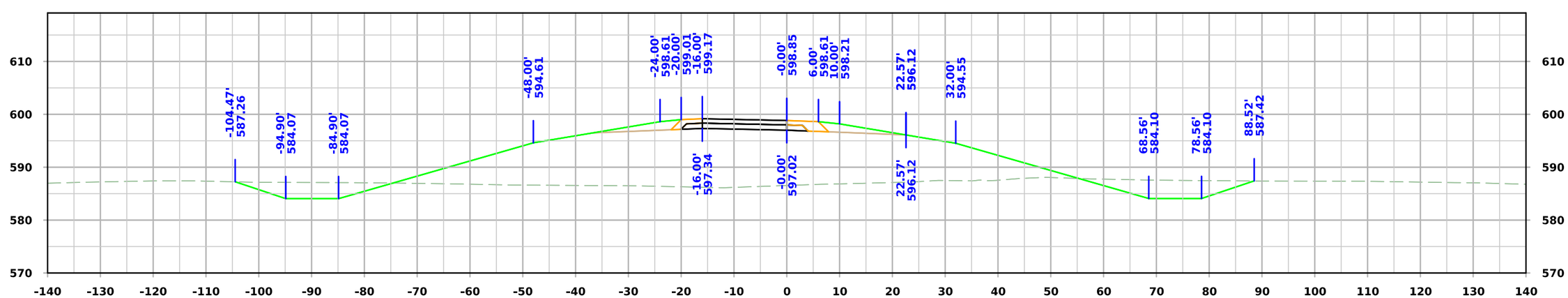
Ramp D G62



STA. 44555+00.00



STA. 44554+00.00

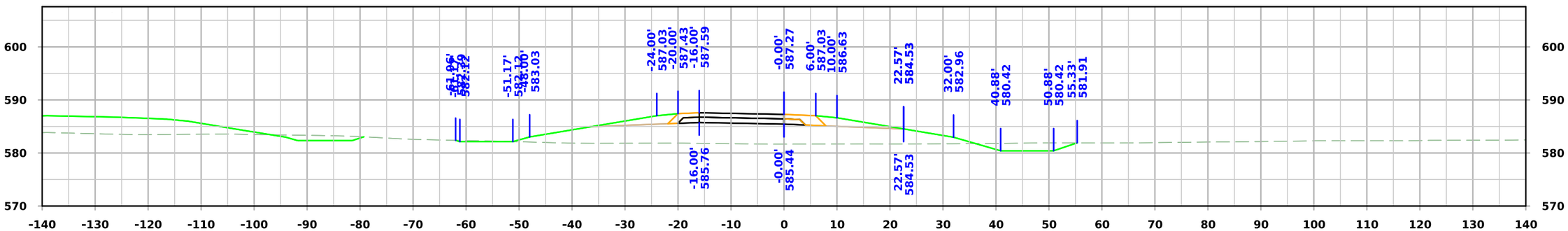


STA. 44553+00.00

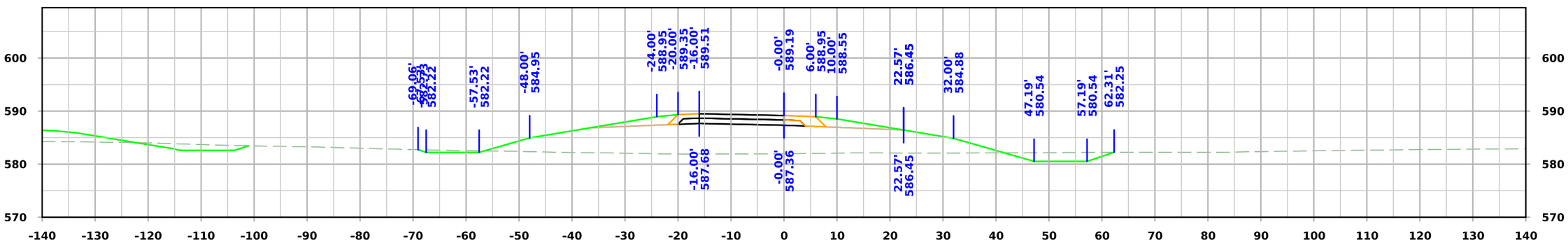
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.801

2:09:10 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y800_RMPG62D_58061061Z14.dgn

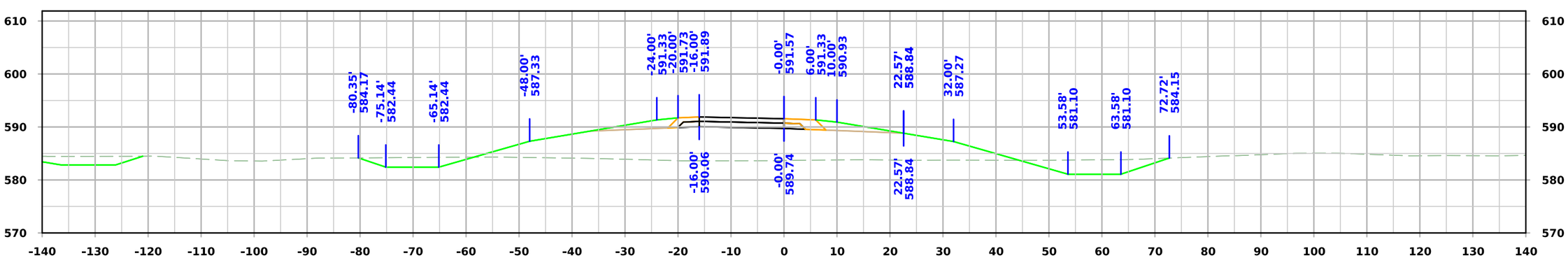
Ramp D G62



STA. 44558+00.00



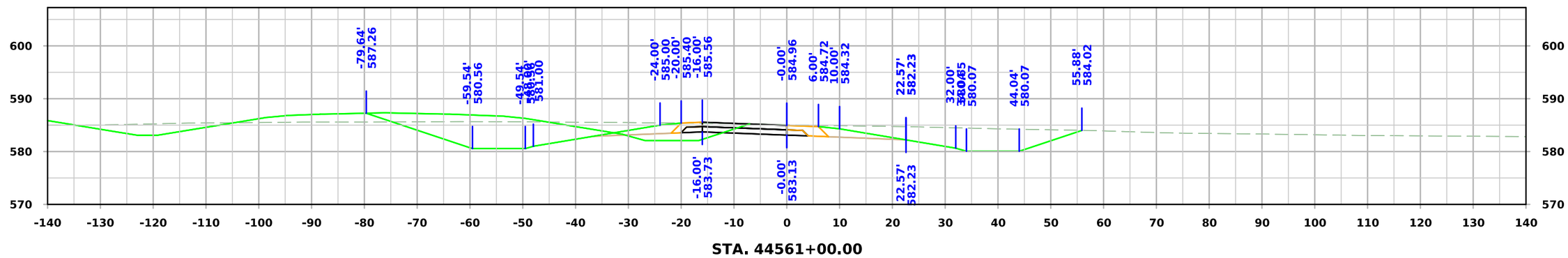
STA. 44557+00.00

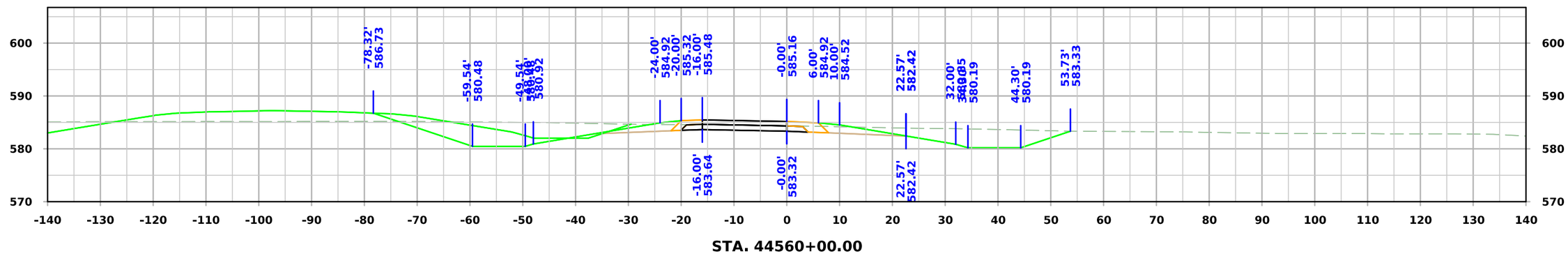


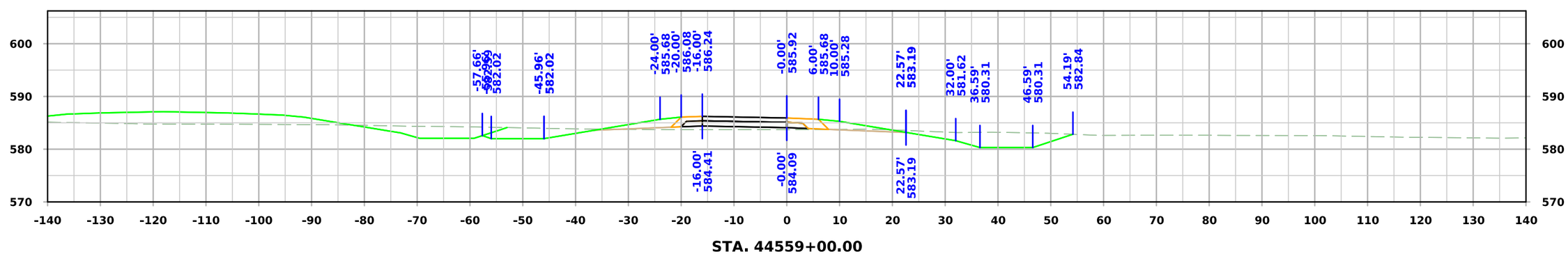
STA. 44556+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.802

Ramp D G62



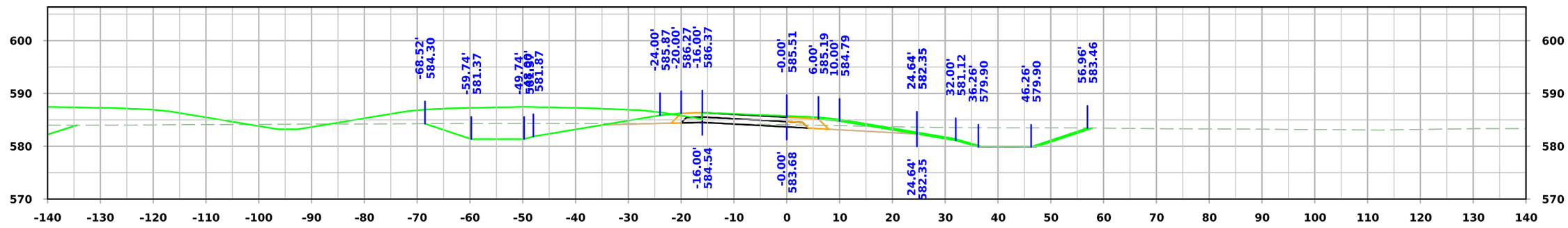




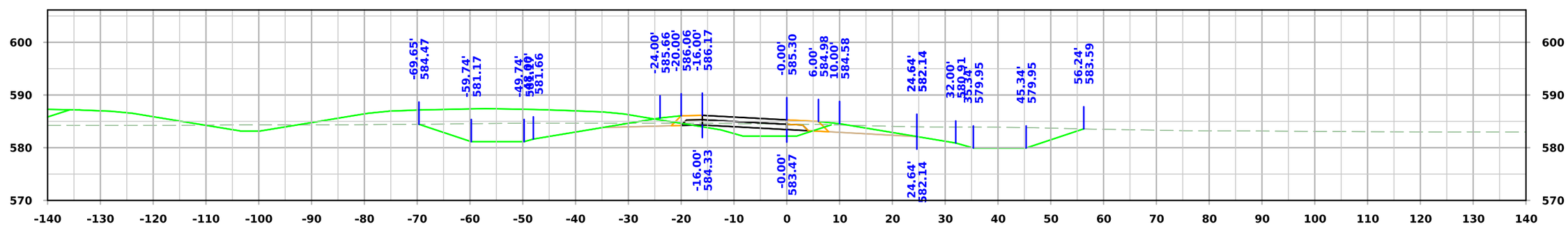
FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.803

2:09:32 PM 8/29/2025 akiebel pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\5806101011\Design\(061)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_Y800_RMPG62D_58061061Z14.dgn

Ramp D G62



STA. 44562+46.34



STA. 44562+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery \ Kiebel \ Jack	LOUISA COUNTY	PROJECT NUMBER NHSX-061-3(61)--3H-58	SHEET NUMBER Y.804