PCC Pavement - Grade and New
HSIPX-018-2(142)--3L-21

LETTING DATE
11/17/2026

CLAY COUNTY

IOWA DOT

REVISIONS

TOTAL
..

PROJECT IDENTIFICATION NUMBER
23-21-018-020
PROJECT NUMBER
HSIPX-018-2(142)--3L-21
R.O.W. PROJECT NUMBER
NHSN-018-2(145)--2R-21

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM
CLAY COUNTY
PCC Pavement - Grade and New
N US 71 Intersection in Spencer

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

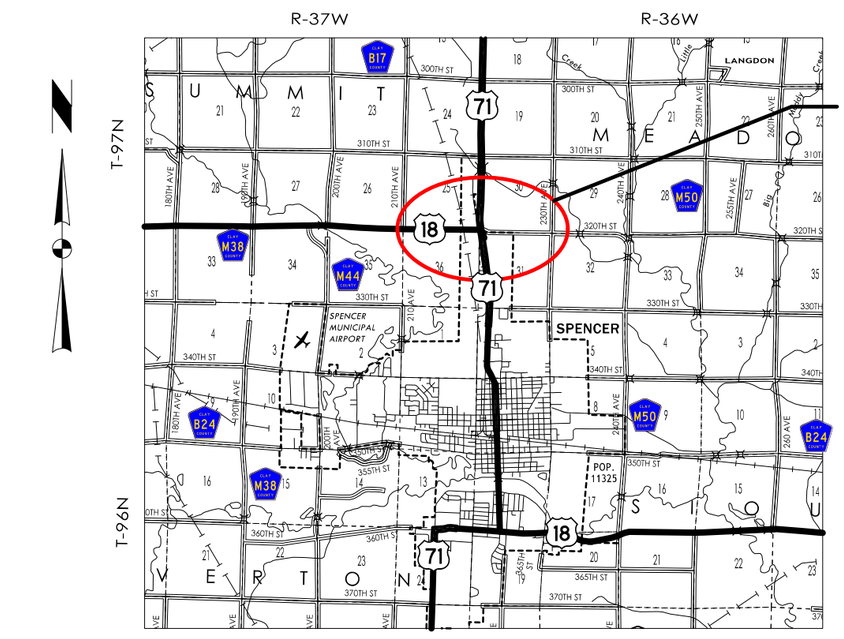
Value Engineering Saves. Refer to Article 1105.14 of the Specifications.

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
811 Know what's below. Call before you dig.

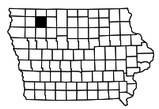
INDEX OF SHEETS

No.	DESCRIPTION
A Sheets	**Title Sheets**
* A.1	Title Sheet
* A.2 - 22	Concept
B Sheets	**Typical Cross Sections and Details**
B.1 - 8	Typical Cross Sections and Details
D Sheets	**Mainline Plan and Profile Sheets**
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - 4	US18
* D.5 - 8	US71
E Sheets	**Side Road Plan and Profile Sheets**
* E.1	320th St
* E.2	4th Ave W
F Sheets	**Detour or Temporary Pavement Sheets**
* F.1	Detour Plan and Profile Sheets
G Sheets	**Survey Sheets**
G.1	Reference Ties and Bench Marks
G.2	Horizontal Control Tab. & Super for all Alignments
J Sheets	**Traffic Control and Staging Sheets**
* J.1 - 8	Staging and Traffic Control Sheets Stage ??
L Sheets	**Geometric, Staking and Jointing Sheets**
* L.1	Geometric & Staking
* L.2	Jointing
W Sheets	**Mainline Cross Sections**
* W.1 - 12	US18
* W.13 - 30	US71 NB
* W.31 - 61	US71 SB
* W.62 - 76	DET NB300
X Sheets	**Side Road Cross Sections**
* X.1 - 12	320th St
* X.13 - 32	4th Ave W

* Color Plan Sheets



PROJECT LOCATION
STA. 634+26 (US18)
STA. 56+92 (US71)
REF. LOC. 77.67



LOCATION MAP SCALE
0 1 2 3
Miles

US 18 DESIGN DATA RURAL			
2027 AADT	2,800	V.P.D.	
2047 AADT	3,200	V.P.D.	
20 – DHV	–	V.P.H.	
TRUCKS	28	%	
Total Design ESALs	–		

US 71 DESIGN DATA RURAL			
2027 AADT	12,000	V.P.D.	
2047 AADT	13,250	V.P.D.	
20 – DHV	–	V.P.H.	
TRUCKS	6	%	
Total Design ESALs	–		

320th Ave DESIGN DATA RURAL			
2027 AADT	960	V.P.D.	
2047 AADT	1,100	V.P.D.	
20 – DHV	--	V.P.H.	
TRUCKS	27	%	
Total Design ESALs	--		

PRELIMINARY PLANS

Subject to change by final design.

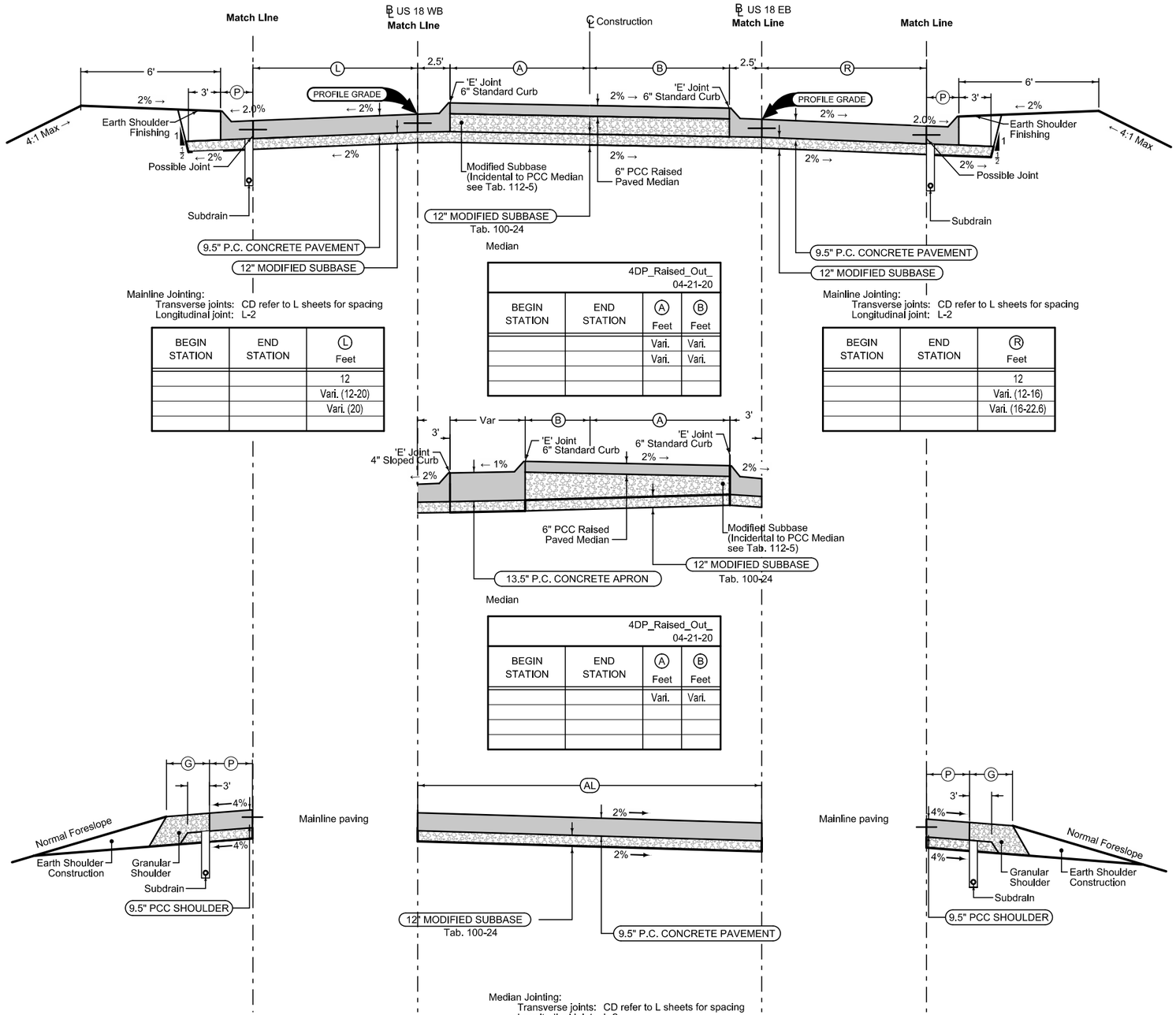
D5 PLAN - Date: 09-12-2024

Curbed Shoulder

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

Single pour: L-2
Staged : KT-2
Transverse: CD refer to L sheets for spacing

		2_Curb_ 04-21-20	
STATION TO STATION		(P) Feet	Curb Type See PV-102
		2.5	6" Standard
		2.5	6" Standard



BEGIN STATION	END STATION	(L) Feet
		12
		Vari. (12-20)
		Vari. (20)

4DP_Raised_Out_ 04-21-20			
BEGIN STATION	END STATION	(A) Feet	(B) Feet
		Vari.	Vari.
		Vari.	Vari.

BEGIN STATION	END STATION	(R) Feet
		12
		Vari. (12-16)
		Vari. (16-22.6)

4DP_Raised_Out_ 04-21-20			
BEGIN STATION	END STATION	(A) Feet	(B) Feet
		Vari.	Vari.

Curbed Shoulder

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

Single pour: L-2
Staged : KT-2
Transverse: CD refer to L sheets for spacing

		2_Curb_ 04-21-20	
STATION TO STATION		(P) Feet	Curb Type See PV-102
		2.5	6" Standard
		2.5	6" Standard

Full Depth PCC Combination Shoulder

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

		2_C_FullPCC_ 04-20-21	
STATION TO STATION		(P) Feet	(G) Feet
		5	5

Mainline paving

Mainline paving

Median Jointing:
Transverse joints: CD refer to L sheets for spacing
Longitudinal joint: L-2

		(AL) Feet
STATION TO STATION		
		Vari
		Vari

Full Depth PCC Combination Shoulder

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

		2_C_FullPCC_ 04-20-21	
STATION TO STATION		(P) Feet	(G) Feet
		5	5

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

See Tab 112-9 for shoulder quantities.

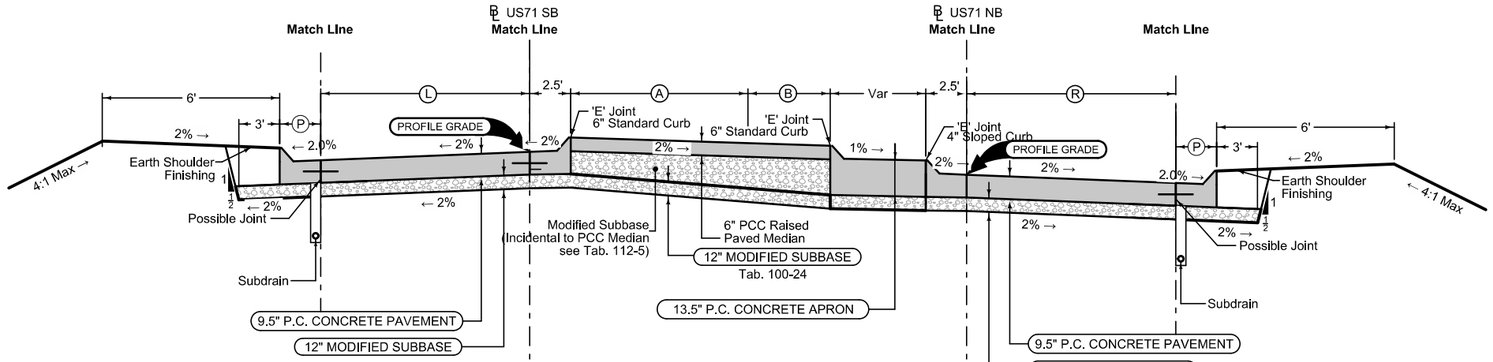
US18

Curbed Shoulder

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

Single pour: L-2
Staged : KT-2
Transverse: CD refer to L sheets for spacing

STATION TO STATION		(P) Feet	2_Curb_ 04-21-20 Curb Type See PV-102
		3	6" Standard



Mainline Jointing:
Transverse joints: CD refer to L sheets for spacing
Longitudinal joint: L-2

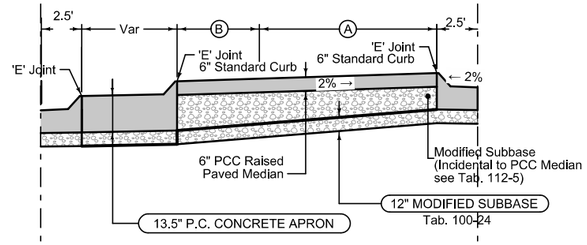
BEGIN STATION	END STATION	(L) Feet
		24

Median

BEGIN STATION	END STATION	(A) Feet	(B) Feet	4DP_Raised_Out_ 04-21-20
		Vari.	Vari.	
		Vari.	Vari.	

Mainline Jointing:
Transverse joints: CD refer to L sheets for spacing
Longitudinal joint: L-2

BEGIN STATION	END STATION	(L) Feet
		24



Median

BEGIN STATION	END STATION	(A) Feet	(B) Feet	4DP_Raised_Out_ 04-21-20
		Vari.	Vari.	
		Vari.	Vari.	

Curbed Shoulder

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

Single pour: L-2
Staged : KT-2
Transverse: CD refer to L sheets for spacing

STATION TO STATION		(P) Feet	2_Curb_ 04-21-20 Curb Type See PV-102
		3	6" Standard

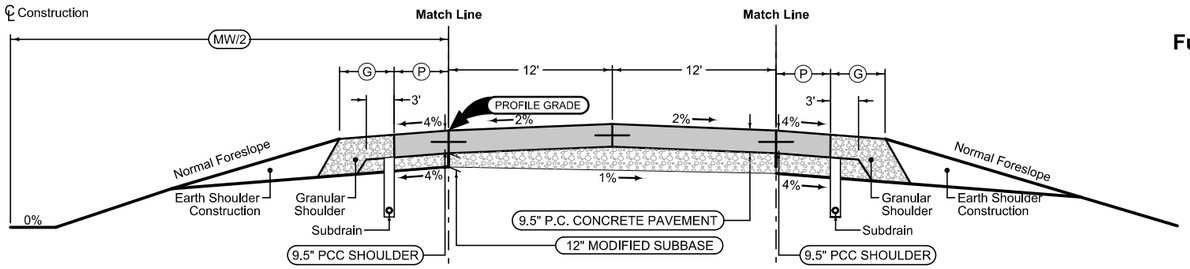
See Tab 100-24 or 100-25 for pavement quantities.
See Tab 112-9 for shoulder quantities.

US 71

Full Depth PCC Combination Shoulder

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

STATION TO STATION		4_C_FullPCC_MODIFIED	
		(P) Feet	(G) Feet
		4	2



Section shown in the direction of traffic.

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

Direction of Travel	BEGIN STATION	END STATION	(MW) Feet (4DP_04-21-20)

Full Depth PCC Combination Shoulder

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

STATION TO STATION		4_C_FullPCC_MODIFIED	
		(P) Feet	(G) Feet
		6	4

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

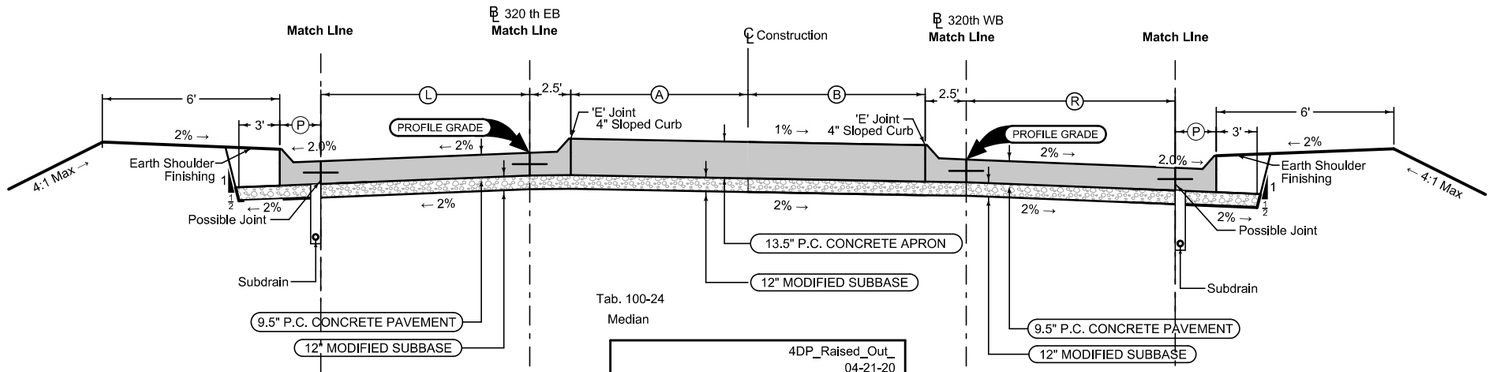
US 71

Curbed Shoulder

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

Single pour: L-2
Staged : KT-2
Transverse: CD refer to L sheets for spacing

		2_Curb_ 04-21-20	
STATION TO STATION		(P) Feet	Curb Type See PV-102
		2.5	6" Standard



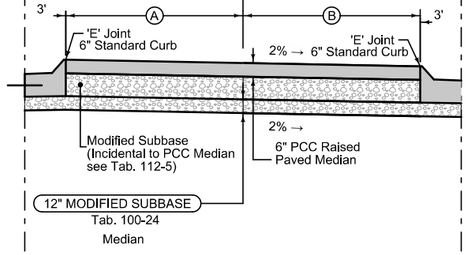
Mainline Jointing:
Transverse joints: CD refer to L sheets for spacing
Longitudinal joint: L-2

BEGIN STATION	END STATION	(L) Feet
		12
		Vari. (12-20)
		Vari. (20)

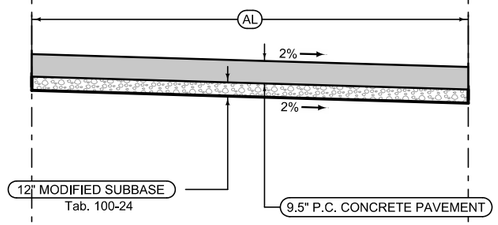
		4DP_Raised_Out_ 04-21-20	
BEGIN STATION	END STATION	(A) Feet	(B) Feet
		Vari.	Vari.
		Vari.	Vari.

Mainline Jointing:
Transverse joints: CD refer to L sheets for spacing
Longitudinal joint: L-2

BEGIN STATION	END STATION	(R) Feet
		12
		Vari. (12-16)
		Vari. (16-22.6)



		4DP_Raised_Out_ 04-21-20	
BEGIN STATION	END STATION	(A) Feet	(B) Feet
		Vari.	Vari.
		Vari.	Vari.



Median Jointing:
Transverse joints: CD refer to L sheets for spacing
Longitudinal joint: L-2

		(AL) Feet
STATION TO STATION		
		Vari
		Vari

Curbed Shoulder

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

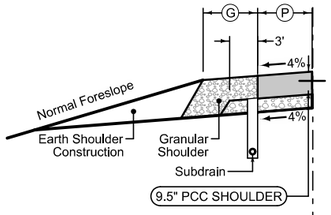
Single pour: L-2
Staged : KT-2
Transverse: CD refer to L sheets for spacing

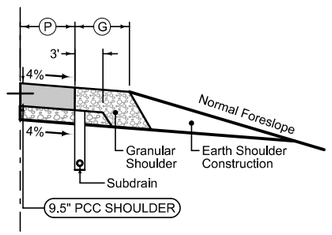
		2_Curb_ 04-21-20	
STATION TO STATION		(P) Feet	Curb Type See PV-102
		2.5	6" Standard

Full Depth PCC Combination Shoulder

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

		2_C_FullPCC_ 04-20-21	
STATION TO STATION		(P) Feet	(G) Feet
		5	5





Full Depth PCC Combination Shoulder

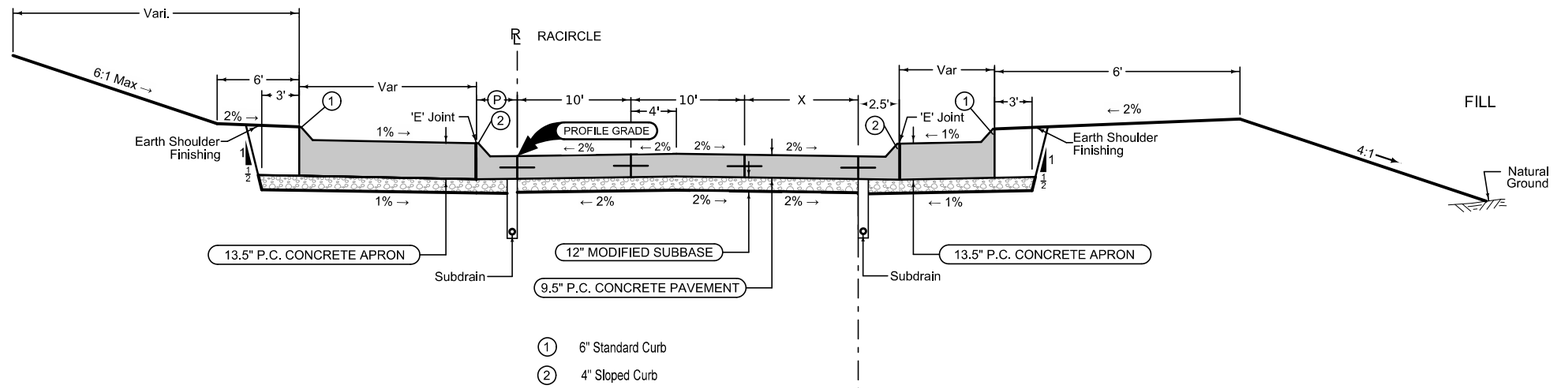
Shoulder Jointing:
Longitudinal joint: BT-2, L-2 or KT-2
Transverse joints: C at 17' spacing

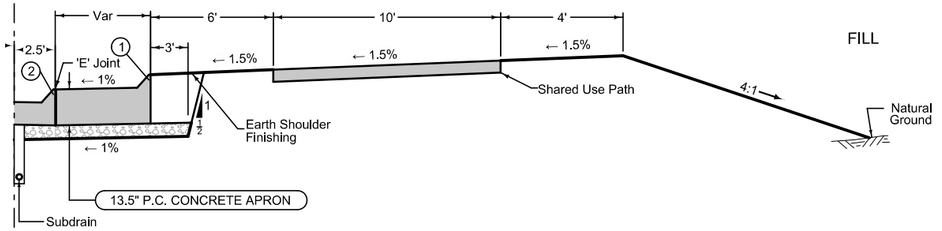
		2_C_FullPCC_ 04-20-21	
STATION TO STATION		(P) Feet	(G) Feet
		5	5

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

See Tab 112-9 for shoulder quantities.

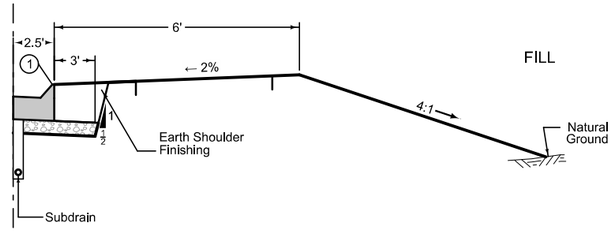
320 th St





LOCATION			Ⓟ	Ⓧ
ROAD IDENTIFICATION	STATION TO STATION		Feet	Feet
RACIRCLE	1000+00.00	1000+08.89	3	Vari
	1000+08.89	1000+95.41	3	10
	1000+95.41	1001+35.51	3	Vari
	1001+35.51	1001+81.16	3	0
	1001+81.16	1002+08.58	3	Vari
	1002+08.58	1003+30.81	3	10
	1003+30.81	1003+53.76	3	Vari
	1003+53.76	1003+98.97	3	0
	1003+98.97	1004+27.26	3	Vari

Note: See 'L' Sheets for Jointing Layout



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

See Tab 112-9 for shoulder quantities.

Roundabout

Combination Shoulder

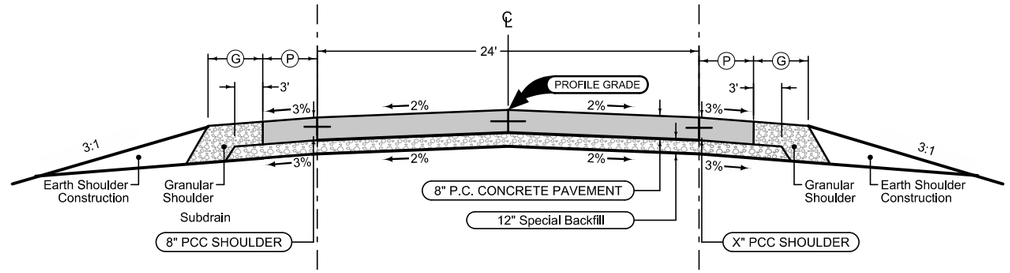
Shoulder Jointing:
Longitudinal joint: B

2_C_ 04-21-20			
STATION TO STATION		(P) Feet	(G) Feet
9609+44.76	9614+81.27	2	2
9617+83.95	9626+42.00	2	2

Full Depth PCC Shoulder

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

2_P_FullPCC_ 04-15-25		
STATION TO STATION		(P) Feet
9614+81.27	9617+83.95	4



LOCATION		
ROAD IDENTIFICATION	STATION TO STATION	
4th Ave NW	9609+44.76	9626+42.00

Note: See 'L' Sheets for Jointing Layout



Combination Shoulder

Shoulder Jointing:
Longitudinal joint: B

2_C_ 04-21-20			
STATION TO STATION		(P) Feet	(G) Feet
9609+44.76	9614+81.27	2	2
9617+83.95	9626+42.00	2	2

Full Depth PCC Shoulder

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

2_P_FullPCC_ 04-15-25		
STATION TO STATION		(P) Feet
9614+81.27	9617+83.95	4

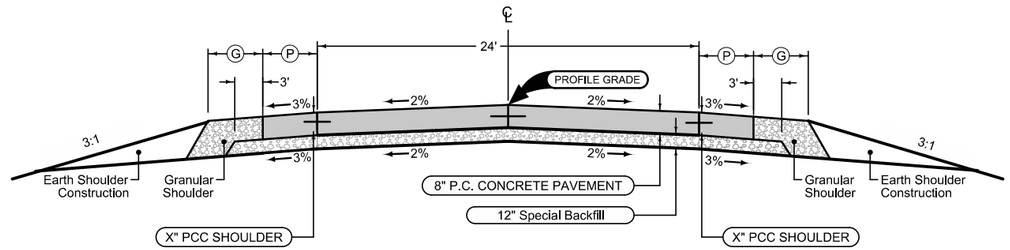
See Tab 100-24 or 100-25 for pavement quantities.
See Tab 112-9 for shoulder quantities.

4th Ave NW

Combination Shoulder

Shoulder Jointing:
Longitudinal joint: B

		2_C_ 04-21-20	
STATION TO STATION		(P) Feet	(G) Feet
19591+61.69	19610+10.16	2	2



LOCATION		
ROAD IDENTIFICATION	STATION TO STATION	
4th Ave W	19591+61.69	19610+10.16

Note: See 'L' Sheets for Jointing Layout

Combination Shoulder

Shoulder Jointing:
Longitudinal joint: B

		2_C_ 04-21-20	
STATION TO STATION		(P) Feet	(G) Feet
19591+61.69	19610+10.16	2	2

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

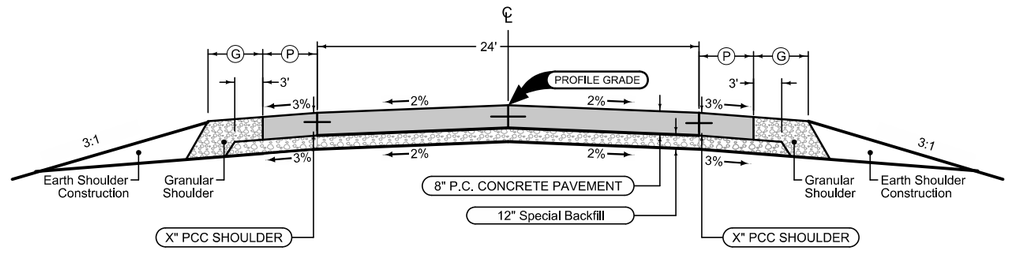
See Tab 112-9 for shoulder quantities.

4th Ave W

Combination Shoulder

Shoulder Jointing:
Longitudinal joint: B

		2_C_ 04-21-20	
STATION TO STATION		(P) Feet	(G) Feet
20000+11.93	20005+00.72	2	2



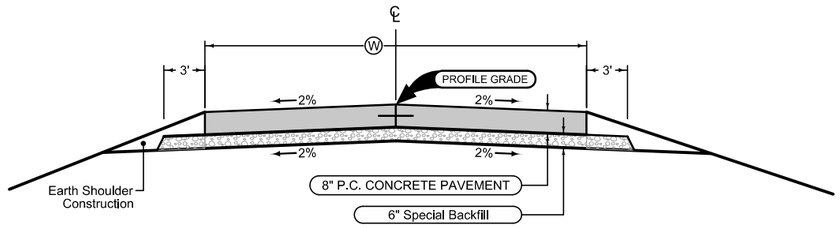
LOCATION		
ROAD IDENTIFICATION	STATION TO STATION	
W 37 th Ave	20000+11.93	20005+00.72

Note: See 'L' Sheets for Jointing Layout

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

See Tab 112-9 for shoulder quantities.

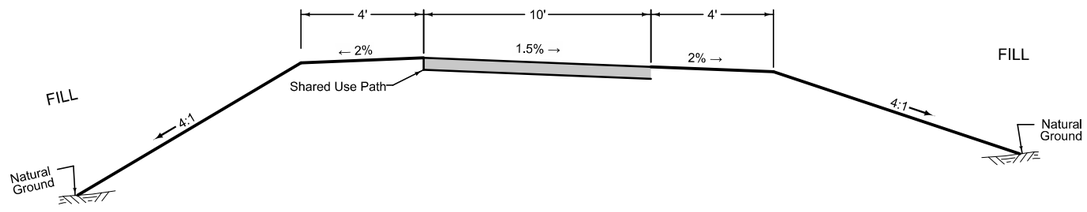
W 37TH AVE



ROAD IDENTIFICATION	Ⓦ Feet
ENT24 (2nd Ave)	24
ENT9225 (4th Ave W)	36

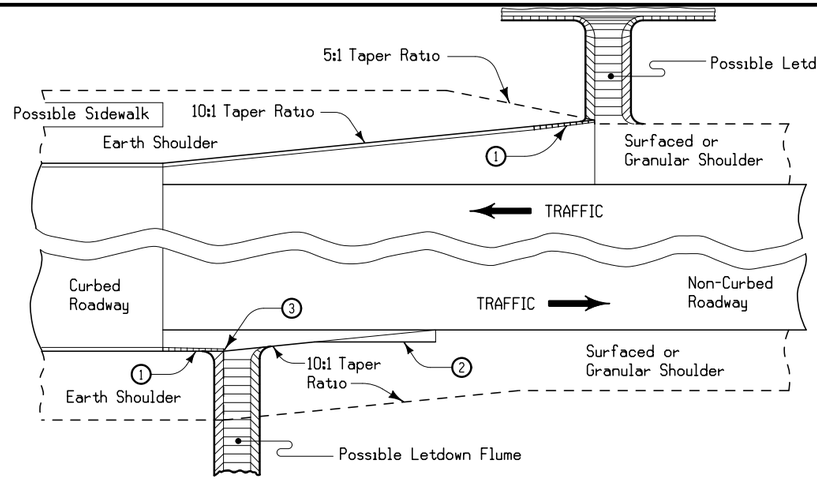
See Tab 102-3 for pavement quantities.

PAVED ENTRANCE



Shared Use Path

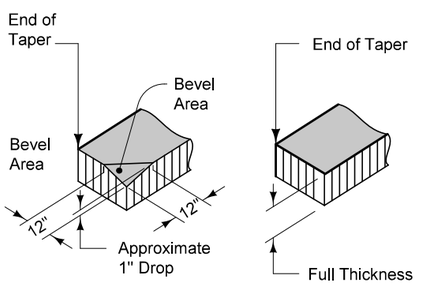
6147
10-20-15



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

TRANSITION BETWEEN CURBED AND NON-CURBED ROADWAYS

7101
10-19-10



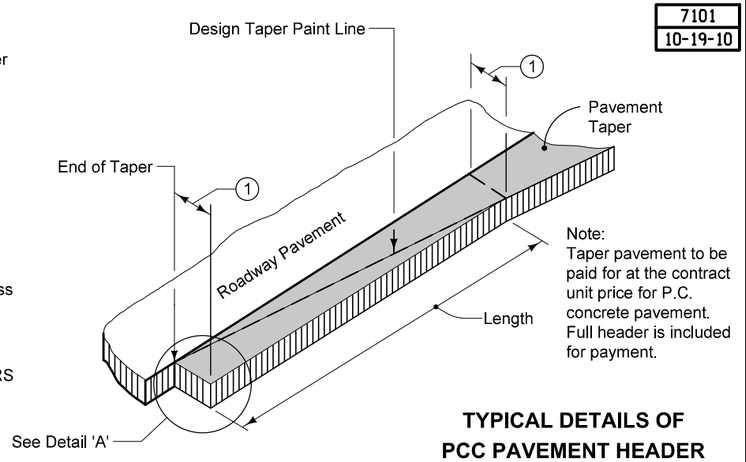
DETAIL 'A'

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

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)
- 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

- E4 — EL4D, Alliant Energy - Quality D
- G — GL1D, Black Hills Energy - Quality D
- FO3 — FO3D, CenturyLink - Quality D
- T1 — TL1D, CenturyLink - Quality D
- FO4 — FO4D, Iowa Communications Network (ICN) - Quality D
- E3 — EL3D, Iowa DOT - Quality D
- E2 — EL2D, Iowa Lakes Electric Coop - Quality D
- PPB, Iowa Lakes Electric Coop
- FO2 — FO2D, LongLines Broadband - Quality D
- G2 — GL2D, Northern Natural Gas - Quality D
- E1 — EL1D, Spencer Municipal Utilites (SMU) - Quality D
- PPA, Spencer Municipal Utilities (SMU)
- FO — FO1D, Spencer Municipal Utilities (SMU) - Quality D
- W — WL1D, Spencer Municipal Utilities (SMU) - Quality D
- SAN. — SA1D, RENT-ALL- Quality D
- E5 — EL5D, Private Electrical Line (Owner Unknown) - Quality D
- FO5 — FO5D, Premier Communications - 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.**	
Lavender	(9)	Temporary Pavement Shading
Yellow	(4)	Proposed Pavement Shading
Orange	(6)	Proposed Granular Shading
Orange	(70)	Proposed Shoulder Granular Shading
Yellow	(68)	Proposed Shoulder Paved Full Depth Shading
Yellow	(132)	Proposed Shoulder Paved Partial Depth Shading
Gray, Dark	(112)	Proposed Grade and Pave Shading "In conjunction with a paving project"
Brown, Light	(236)	Grading Shading
Orange, Light	(134)	Proposed Granular Entrance Shading
Yellow	(220)	Proposed Paved Entrance Shading
Tan	(8)	Proposed Sidewalk Shading
Blue, Light	(230)	Proposed Sidewalk Landing Shading
Pink	(11)	Proposed Sidewalk Ramp Shading
Green, Light	(225)	Existing Pavement Shading
Red	(3)	Proposed Structure Shading
Red	(3)	Delineates Restricted Areas

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

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

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

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **D.1**

2:56:11 PM 1/10/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_D01.dgn

Summit TWP.
T-97N R-37W
SEC. 25

Sect. No. 36

625+00

630+00

STA 629+18.82 (SUR018)
BEGIN CONSTRUCTION

53"x32"x44'
Arched Conc. Pipe
53"x32"x44'
Arched Conc. Pipe
U.A.C.

Type "B" End

24"x56'
C.M.P.
U.A.C.

24"x75'
Conc. Pipe
Remove

Proposed
24" RCP

ROE 634+26.70

24"x96'
Conc. Pipe
Remove

24"x73'
Conc. Pipe
Remove

Type "B" End
Remove

4th Ave W

320th St

Proposed
24" RCP

0 50
FEET

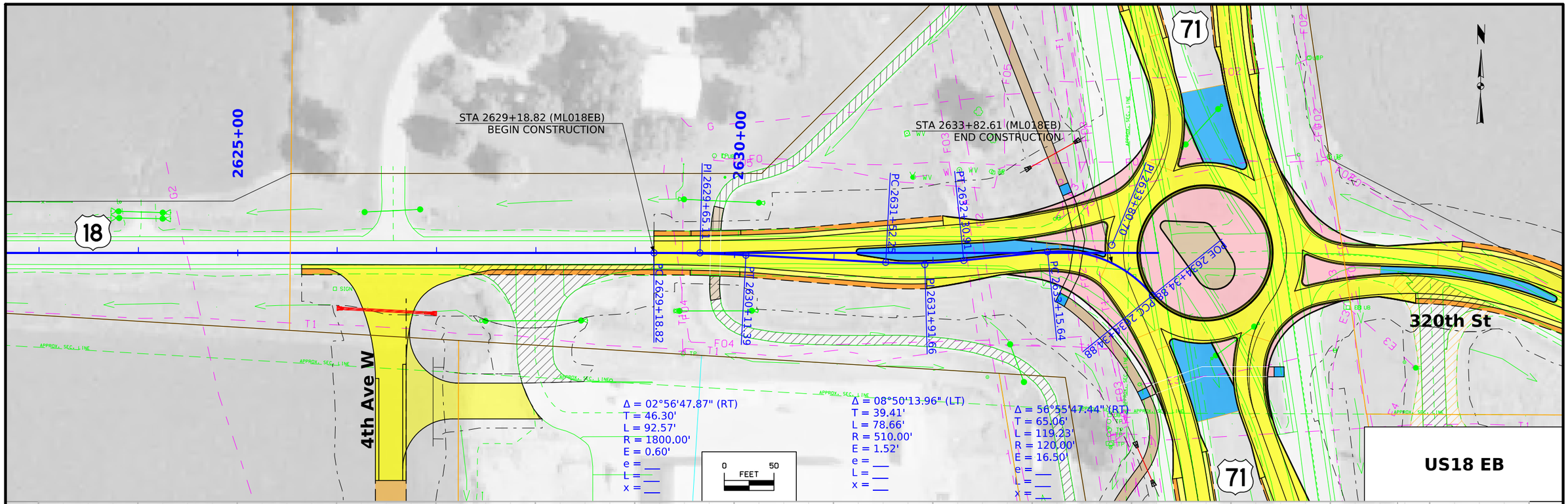
US18 (SUR18)

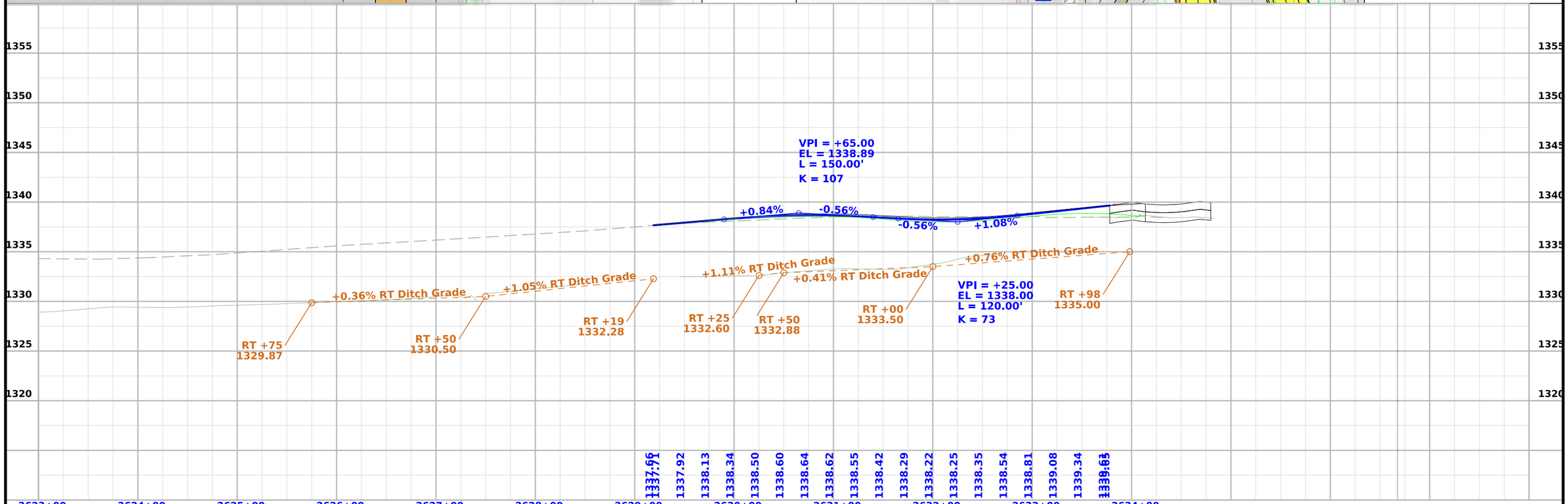
1355 1350 1345 1340 1335 1330 1325 1320

624+00 625+00 626+00 627+00 628+00 629+00 630+00 631+00 632+00 633+00 634+00

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **D.2**

2:24:15 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_D02.dgn





FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **D.3**

2:24:30 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_D03.dgn

Δ = 02°53'18.19" (LT)
T = 65.55'
L = 131.07'
R = 2600.00'
E = 0.83'
e = ___
L = ___
x = ___

Δ = 22°19'57.50" (LT)
T = 102.65'
L = 202.68'
R = 520.00'
E = 10.03'
e = ___
L = ___
x = ___

STA 629+18.82 (SUR018)
STA 3629+18.82 (ML018WB)
BEGIN CONSTRUCTION

STA 3633+90.92 (ML018WB)
END CONSTRUCTION

3625+00

3630+00

PC 3629+31.00

PT 3630+65.87

PC 3632+49.30

POC 3634+31.99

POT 3633+91.95

PRC 3630+00.35

18

71

320th St

4th Ave W

Type 10 Fnc
Remove

0 50
FEET

US 18 WB

VPI = +75.00
EL = 1339.06
L = 150.00'
K = 100

VPI = +25.00
EL = 1338.16
L = 120.00'
K = 73

+0.90%
-0.60%
-0.60%
+1.04%

+0.66% LT Ditch Grade

LT +40
1332.17

LT +09
1334.60

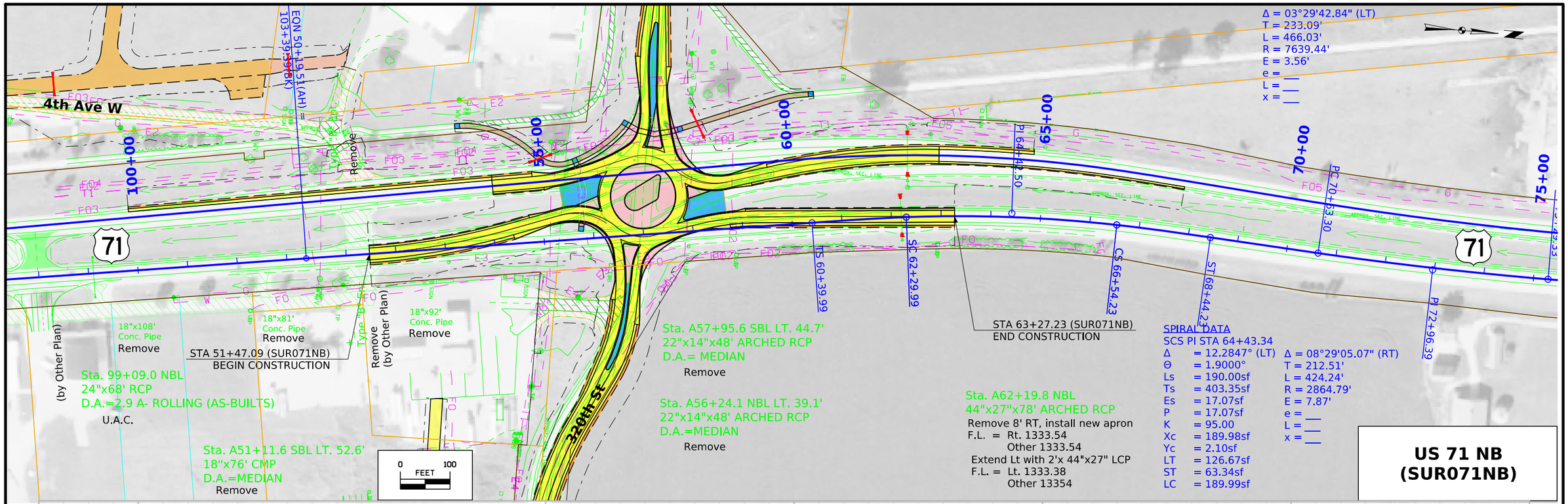
1355
1350
1345
1340
1335
1330
1325
1320

1337.66
1337.71
1337.94
1338.16
1338.39
1338.58
1338.71
1338.78
1338.79
1338.73
1338.61
1338.47
1338.40
1338.41
1338.51
1338.69
1338.95
1339.21
1339.47
1339.73
1339.84

3623+00 3624+00 3625+00 3626+00 3627+00 3628+00 3629+00 3630+00 3631+00 3632+00 3633+00 3634+00

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **D.4**

2:24:41 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_D04.dgn



FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **D.5**

2:24:56 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_D05.dgn

STA 53+84.60 (SUR071SB)
BEGIN CONSTRUCTION

EQN 49+98.81 AHD
103+28.21 BK

4th Ave W

Prop. 24" RCP

24"x44'
Conc. Pipe
Remove

Remove

Remove
(by Other Plan)

Type "B" Fence

320th St

STA 62+86.06 (SUR071SB)
END CONSTRUCTION

Prop. 24" RCP

Sta. A62+22.3 SBL
44"x27"x95' ARCHED RCP
Remove 8' LT
Remove 10' RT
F.L. = Lt. 1333.02
Rt. 1333.25

PI 63+40.24

PC 70+11.87

PI 73+18.13

ST 67+99.43

SC 69+03.43

TS 58+35.54

SCS 60+45.54

SPIRAL DATA
SCS PI STA 62+90.84
Δ = 12.4577° (LT)
Θ = 0.0000°
Ls = 0.00sf
Ts = 405.29sf
Es = 0.00sf
P = 0.53sf
K = 95.00
Xc = 189.98sf
Yc = 2.10sf
LT = 0.00sf
ST = 0.00sf
LC = 0.00sf

0 100
FEET

Δ = 10°33'27.62" (RT)
T = 264.69'
L = 527.88'
R = 2864.79'
E = 12.20'
e = ___
L = ___
x = ___

Δ = 04°36'39.56" (LT)
T = 307.57'
L = 614.80'
R = 7639.44'
E = 6.19'
e = ___
L = ___
x = ___

US 71 SB
(SUR071SB)

+0.37% LT Ditch Grade

LT +88
1333.00

LT +85
1335.69

1370 1360 1350 1340 1330 1320 1310 1300 1290 1280

100+00 50+00 55+00 60+00 65+00 70+00

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **D.6**

2:25:13 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_D06.dgn

STA 51+57.53 (SUR071NB)
STA 4051+47.09 (ML071NB)
BEGIN CONSTRUCTION

Δ = 11°43'53.64" (LT)
T = 145.06'
L = 289.11'
R = 1412.00'
E = 7.43'
e = ___
L = ___
x = ___

Δ = 54°44'48.23" (LT)
T = 42.45'
L = 78.35'
R = 82.00'
E = 10.34'
e = ___
L = ___
x = ___

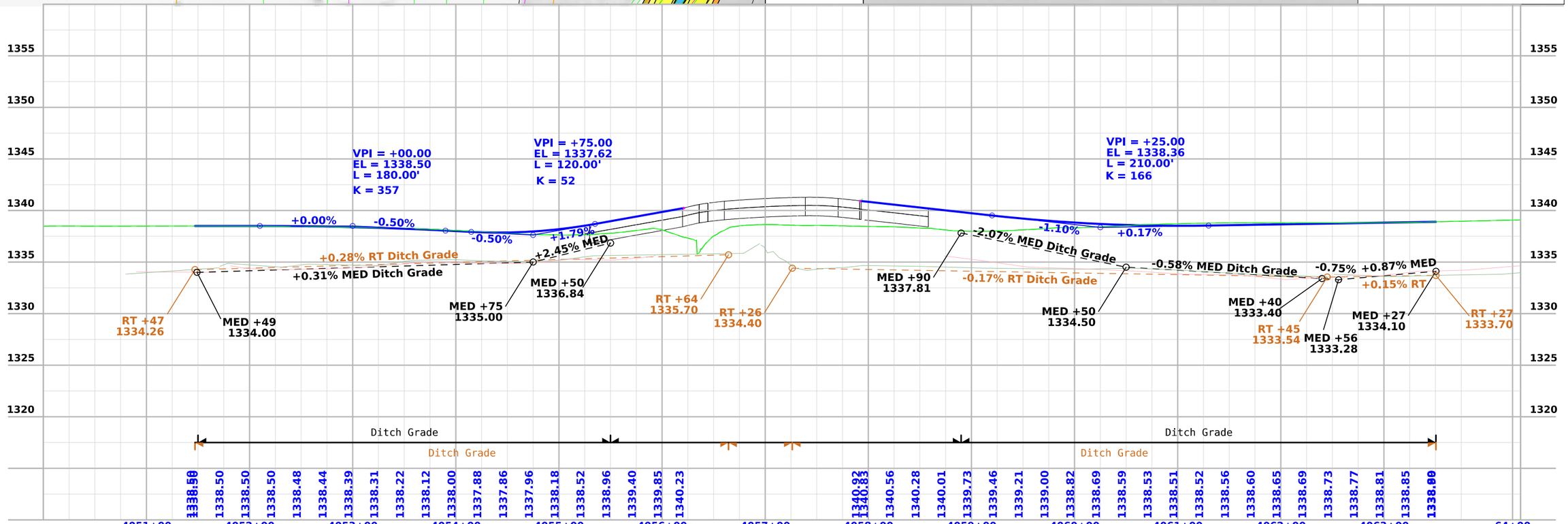
Δ = 56°19'36.42" (RT)
T = 64.24'
L = 117.97'
R = 120.00'
E = 16.12'
e = ___
L = ___
x = ___

Δ = 13°59'38.44" (RT)
T = 63.82'
L = 127.01'
R = 520.00'
E = 3.90'
e = ___
L = ___
x = ___

STA 63+27.23 (SUR071NB)
STA 4063+27.23 (ML071NB)
END CONSTRUCTION

Δ = 06°32'24.07" (RT)
T = 163.68'
L = 327.00'
R = 2864.79'
E = 4.67'
e = ___
L = ___
x = ___

US 71 NB



FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER D.7

2:25:26 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_D07.dgn

Δ = 13°06'19.70" (LT)
T = 58.81'
L = 117.11'
R = 512.00'
E = 3.37'
e = ___
L = ___
x = ___

Δ = 56°19'36.42" (LT)
T = 64.24'
L = 117.97'
R = 120.00'
E = 16.12'
e = ___
L = ___
x = ___

STA 62+86.06 (SUR071SB)
STA 5063+11.00 (ML071SB)
END CONSTRUCTION

STA 53+59.49 (SUR071SB)
STA 5053+84.60 (ML071SB)
BEGIN CONSTRUCTION

STA 64+76.70 (SUR071SB)
STA 5065+01.65 (ML071SB)
END CONSTRUCTION

Δ = 62°11'51.65" (RT)
T = 49.46'
L = 89.02'
R = 82.00'
E = 13.76'
e = ___
L = ___
x = ___

Δ = 13°20'41.98" (RT)
T = 165.18'
L = 328.87'
R = 1412.00'
E = 9.63'
e = ___
L = ___
x = ___

Δ = 06°20'50.12" (RT)
T = 158.84'
L = 317.36'
R = 2864.79'
E = 4.40'
e = ___
L = ___
x = ___

0 FEET 50

US 71 SB

VPI = +00.00
EL = 1338.34
L = 120.00'
K = 91

VPI = +00.00
EL = 1338.15
L = 140.00'
K = 100

-0.20%
+1.12%
-1.08%
+0.32%
+0.36% LT Ditch Grade
-0.97% LT Ditch Grade
-0.32% LT Ditch Grade
+0.33% LT Ditch Grade
+0.43% MED Ditch Grade
+0.55% LT Ditch Grade

LT +85 1335.69
LT +50 1336.29
LT +83 1335.00
LT +49 1334.60
LT +49 1333.02
LT +00 1333.19
MED +45 1334.10
LT +00 1334.28

Ditch Grade
Ditch Grade

1338.57 1338.54 1338.49 1338.44 1338.46 1338.54 1338.69 1338.90 1339.18 1339.45 1339.64 1340.33 1340.04 1339.77 1339.50 1339.23 1338.96 1338.71 1338.52 1338.40 1338.33 1338.33 1338.39 1338.47 1338.55 1338.63 1338.72 1338.80 1338.88 1338.96 1339.04 1339.12 1339.16

5051+00 5052+00 5053+00 5054+00 5055+00 5056+00 5057+00 5058+00 5059+00 5060+00 5061+00 5062+00 5063+00 5064+00 5065+00

FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER D.8

2:25:43 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_D08.dgn

Δ = 27°53'30.44" (RT)
T = 106.78'
L = 209.33'
R = 430.01'
E = 13.06'
e = ___
L = ___
x = ___

Δ = 27°40'24.71" (LT)
T = 100.98'
L = 198.03'
R = 410.00'
E = 12.25'
e = ___
L = ___
x = ___

Meadow TWP.
T-97N R-36W
SEC. 30

71

18

71

POB 156+93.22

PI 158+52.49

PI 159+55.04

PC 160+27.28

160+00

PT 162+87.31

PI 163+85.27

165+00

18"x65'
C.M.P.
U.A.C.

320th St

STA 164+35.43 (SUR320)
END CONSTRUCTION

Relocate
Type "B" Ent.

Type "B" Ent.

Sect. No.31

37"x23"x112'
ARCHED Conc. Pipe
U.A.C.

0 50
FEET

320th St (SUR320)

1355 1350 1345 1340 1335 1330 1325 1320

155+00 156+00 157+00 158+00 159+00 160+00 161+00 162+00 163+00 164+00 165+00 166+00 167+00 168+00

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **E.1**

2:37:45 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_E01.dgn

Δ = 45°31'20.43" (RT)
T = 167.83'
L = 317.81'
R = 400.00'
E = 33.78'
e = ___
L = ___
x = ___

Δ = 19°55'37.30" (LT)
T = 131.75'
L = 260.84'
R = 750.00'
E = 11.48'
e = ___
L = ___
x = ___

71

POB 6156+50.09

PC 6157+60.09

PI 6157+17.91

PI 6159+67.89

PC 6161+74.89

PT 6163+06.34

PT 6164+35.43

6160+00

6165+00

6170+00

POE 6170+00.00

STA 164+35.43 (SUR320)
STA 6164+35.43 (SR320EB)
END CONSTRUCTION

STA 6157+10.14 (SR320EB)
BEGIN CONSTRUCTION

320th St

Sect. No.31

18"x45' C.M.P.

40' DPE

37"x23"x112' ARCHED Conc.

0 FEET 50

320th St EB

VPI = +50.00
EL = 1340.15
L = 120.00'
K = 60

VPI = +50.00
EL = 1339.37
L = 120.00'
K = 60

VPI = +50.00
EL = 1341.40
L = 210.00'
K = 152

6157+15.37
1340.71

6164+35.43
1340.01

+1.00%
-1.00%
+1.02%
+1.02%
-0.36%

+0.36% RT
+1.33% RT
-1.20% RT Ditch Grade
+0.70% RT Ditch Grade
-0.76% RT Ditch Grade

RT +92
1335.70

RT +75
1336.00

RT +50
1337.00

RT +00
1335.20

RT +50
1336.96

RT +35
1335.56

Ditch Grade

1340.81 1340.62 1340.37 1340.12 1339.88 1339.72 1339.67 1339.73 1339.88 1340.13 1340.38 1340.61 1340.79 1340.94 1341.04 1341.10 1341.12 1341.10 1341.04 1340.95 1340.86 1340.77 1340.68 1340.59 1340.50 1340.41 1340.32 1340.23 1340.13 1340.04 1340.01

1355 1350 1345 1340 1335 1330 1325 1320

6155+00 6156+00 6157+00 6158+00 6159+00 6160+00 6161+00 6162+00 6163+00 6164+00 6165+00 6166+00 6167+00 6168+00

FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER E.2

2:37:56 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_E02.dgn

Δ = 52°20'06.79" (LT)
T = 58.96'
L = 109.61'
R = 120.00'
E = 13.70'
e = ___
L = ___
x = ___

Δ = 25°01'49.34" (LT)
T = 166.48'
L = 327.65'
R = 750.00'
E = 18.25'
e = ___
L = ___
x = ___

71

18

STA 7157+12.80 (SR320WB)
BEGIN CONSTRUCTION

POB 7157+12.80

PT 7157+70.05

PI 7159+28.08

PC 7158+53.72

PI 7157+19.50

7160+00

PC 7161+07.81

PI 7156+96.43

7165+00

PT 7164+35.43

STA 164+35.43 (SUR320)
STA 7164+35.43 (SR320WB)
END CONSTRUCTION

320th St

POE 7170+00.00

PI 7162+74.26

Δ = 23°21'42.77" (RT)
T = 72.36'
L = 142.71'
R = 350.00'
E = 7.40'
e = ___
L = ___
x = ___

0 50
FEET

320th St WB

VPI = +50.00
EL = 1339.60
L = 120.00'
K = 58

VPI = +25.00
EL = 1341.58
L = 210.00'
K = 146

7157+12.80
1341.02

7164+35.43
1339.98

-0.98%
-0.98%
+1.08%
+1.08%
-0.36%

+0.61% LT Ditch Grade
+0.49% LT Ditch Grade
-0.29% LT Ditch Grade

LT +97
1334.40

LT +75
1334.88

LT +25
1336.60

LT +36
1335.71

Ditch Grade

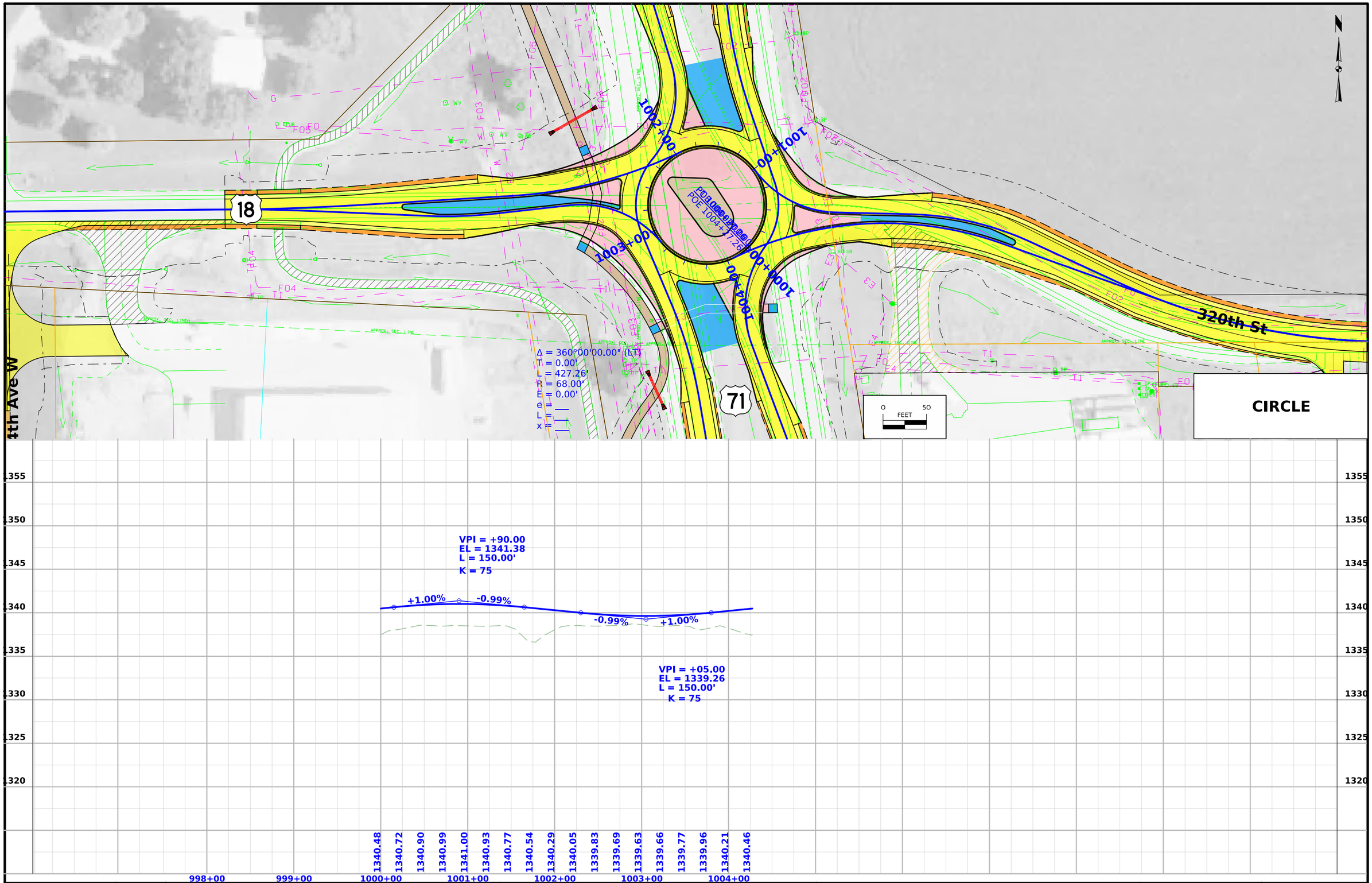
1341.02 1340.82 1340.58 1340.33 1340.10 1339.95 1339.91 1339.98 1340.15 1341.20 1341.28 1341.33 1341.36 1341.36 1341.34 1341.29 1341.19 1341.12 1341.04 1340.95 1340.86 1340.77 1340.68 1340.59 1340.50 1340.41 1340.32 1340.23 1340.14 1340.04 1340.01

1355 1350 1345 1340 1335 1330 1325 1320

7154+00 7155+00 7156+00 7157+00 7158+00 7159+00 7160+00 7161+00 7162+00 7163+00 7164+00 7165+00 7166+00 7167+00 7168+00

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **E.3**

2:38:08 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_E03.dgn



FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **E.4**

2:38:17 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_E04.dgn

Δ = 86°42'39.99" (RT)
T = 188.84'
L = 302.68'
R = 200.00'
E = 75.06'
e = ___
L = ___
x = ___

9615+00

PI 9616+70.51

PC 9614+81.27

PT 9617+83.95

Sta. 9615+85
Skewed 32°
Install 24" x 70' RCP
F.L. = Lt. 1321.86, Rt. 1322.5

Sta. 9612+15
Skewed 3°
Install 24" x 48' RCP
F.L. = Lt. 1325.5, Rt. 1325.8

4th Ave NW

4th Ave W

STA 9609+44.76 (SR4NW)
BEGIN CONSTRUCTION

9610+00

POB 9609+44.76

9609+44.76 (SR4NW)
19609+44.76 (SR4W)

4th Ave W

71

9625+00

18

Sta. 9625+95.48
Skewed 3° LT Ahd.
Install 24" x 88' RCP
F.L. = Lt. 1330.00, Rt. 1330.34

POE 9626+51.00

+05 Type "B" Ent.

STA 9626+42.00 (SR4NW)
END CONSTRUCTION

0 100 FEET

4th Ave NW

+1.61%
+0.57%

+05 Type "B" Ent.

VPI = +50.00
EL = 1328.38
L = 180.00'
K = 161

VPI = +00.00
EL = 1330.50
L = 180.00'
K = 261

TIE IN
STA 9609+44.76
EL 1331.03

TIE IN
STA 9626+42.00
EL 1335.60

-0.73% RT
-0.72% LT
-0.87%
-0.87% LT
+0.25%
-0.97% RT
-1.27% LT
-0.29% RT
-0.34% RT Ditch Grade
+0.45% LT
-0.00% RT Ditch Grade
+0.77% LT
+0.25%
+0.94%
+0.98% RT Ditch Grade
+0.94% LT
+1.68% RT
-0.15% RT
+2.20% LT

RT +45 1327.78
LT +45 1327.44
LT +13 1325.50
RT +17 1325.80
LT +75 1324.08
RT +25 1322.80
LT +55 1321.80
LT +65 1321.80
RT +16 1322.53
RT +25 1323.25
LT +25 1322.98
RT +00 1325.00
LT +74 1324.90
RT +75 1329.66
RT +75+00 1330.49
LT +75 1329.60

1370 1360 1350 1340 1330 1320 1310 1300 1290 1280

1330.99 1330.77 1330.55 1330.34 1330.12 1329.90 1329.68 1329.46 1329.25 1329.04 1328.86 1328.72 1328.63 1328.57 1328.55 1328.57 1328.63 1328.69 1328.75 1328.81 1328.88 1328.94 1329.00 1329.06 1329.13 1329.19 1329.25 1329.31 1329.38 1329.44 1329.50 1329.56 1329.63 1329.69 1329.75 1329.81 1329.88 1329.94 1330.00 1330.06 1330.13 1330.19 1330.25 1330.32 1330.41 1330.52 1330.66 1330.82 1331.00 1331.21 1331.44 1331.68 1331.91 1332.15 1332.38 1332.62 1332.85 1333.09 1333.32 1333.56 1333.79 1334.03 1334.26 1334.50 1334.73 1334.97 1335.20 1335.44 1335.60

9605+00 9610+00 9615+00 9620+00 9625+00 9630+00

FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER E.5

10:35:41 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_E06.dgn

SR4NW - Profile 1

STA 19591+61.69 (SR4W)
BEGIN PAVING

19590+00

19595+00

+33 PROP. TYPE "B" ENT.

+61 PROP. TYPE "B" ENT.

19600+00

+87 PROP. TYPE "B" ENT.

+14 PROP. TYPE "B" ENT.

19605+00

+56 PROP. TYPE "B" ENT.

19609+44.76 (SR4W)
9609+44.76 (SR4NW)

4th Ave NW

19610+00

STA 19610+10.16 (SR4W)
END PAVING

POE 19614+09.25

Type "B" Ent.

U.A.C

4th Ave W

4th Ave W

+29 PROP. TYPE "B" ENT.

+18 PROP. TYPE "B" ENT.

+85 PROP. TYPE "B" ENT.

+70 PROP. TYPE "B" ENT.

+99 PROP. TYPE "B" ENT.

+17 PROP. TYPE "B" ENT.

W 37th Ave

71

0 100 FEET

4th Ave W

0.19%

3.4%

7.9%

3.8%

0.23%

19591+41.90
1323.94

19610+10.16
1331.42

VPI = +75.00
EL = 1329.00
L = 150.00'
K = 358

+0.06%

+0.18%

VPI = +75.00
EL = 1324.37
L = 150.00'
K = 1225

+0.18%

+0.97%

VPI = +75.00
EL = 1325.10
L = 150.00'
K = 189

+0.97%

+0.56%

4.9%

1.7%

5.8%

1.9%

2.0%

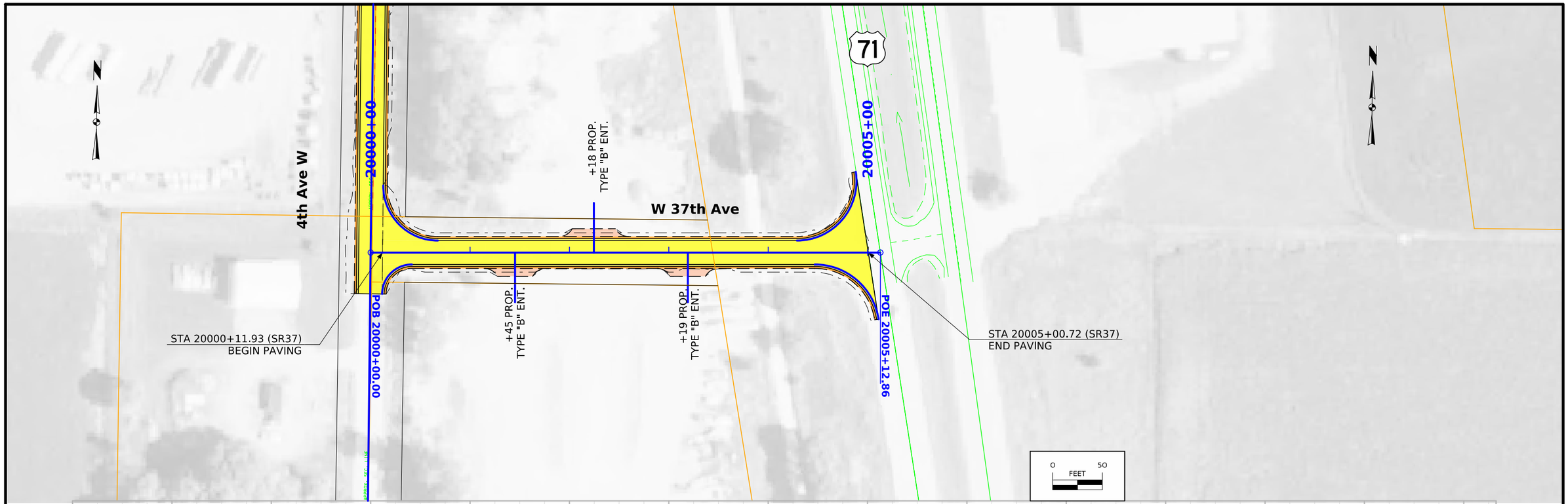
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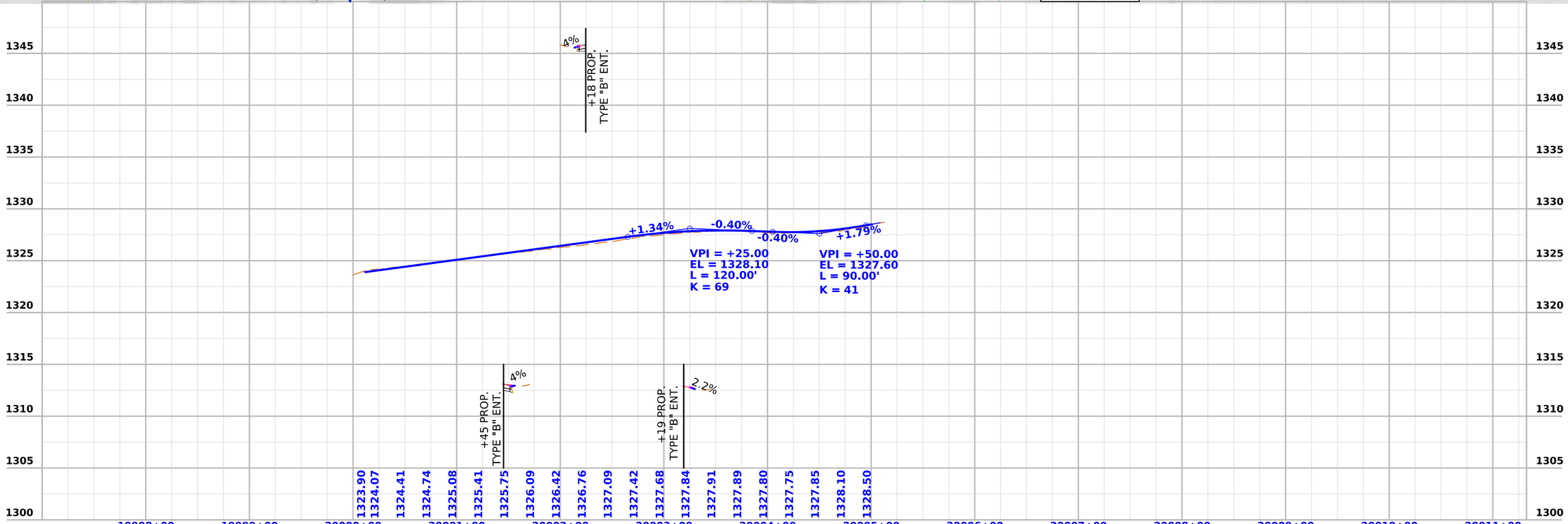
1360 1350 1340 1330 1320 1310 1300 1290 1280 1270

19595+00 19600+00 19605+00 19610+00 19615+00 19620+00

FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER E.6

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FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER E.7

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Meadow TWP.
T-97N R-36W
SEC. 31

Meadow TWP.
T-97N R-36W
SEC. 30

320th St

Type "B" Ent.
U.A.C.

+32 Proposed
Type "B" Ent.

23+00
24+00
25+00
26+00

2nd Ave

37"x23"x112'
ARCHED Conc. Pipe
U.A.C.

0 FEET 50

2nd Ave

TIE IN
STA 0+43.12
EL 1338.57

-0.5%

TIE IN
STA 3+33.22
EL 1335.31

+32 Proposed
Type "B" Ent.

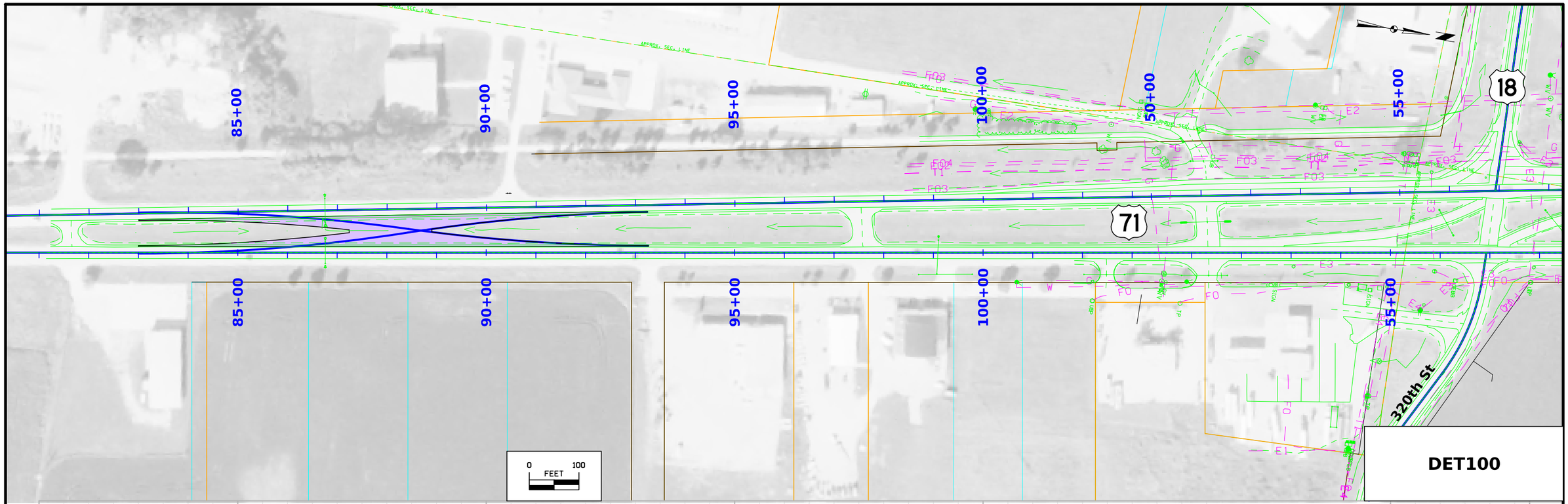
ENT24 - Profile 1

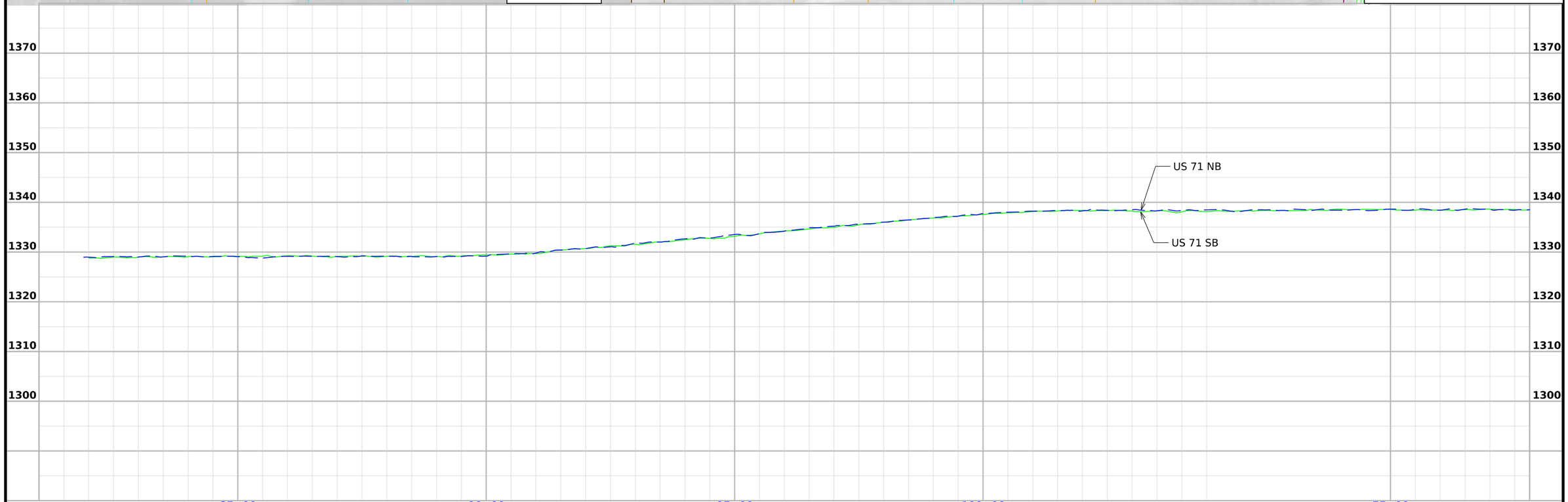
1355
1350
1345
1340
1335
1330
1325
1320
1315
1310

18+00 19+00 20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00

FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER E.8

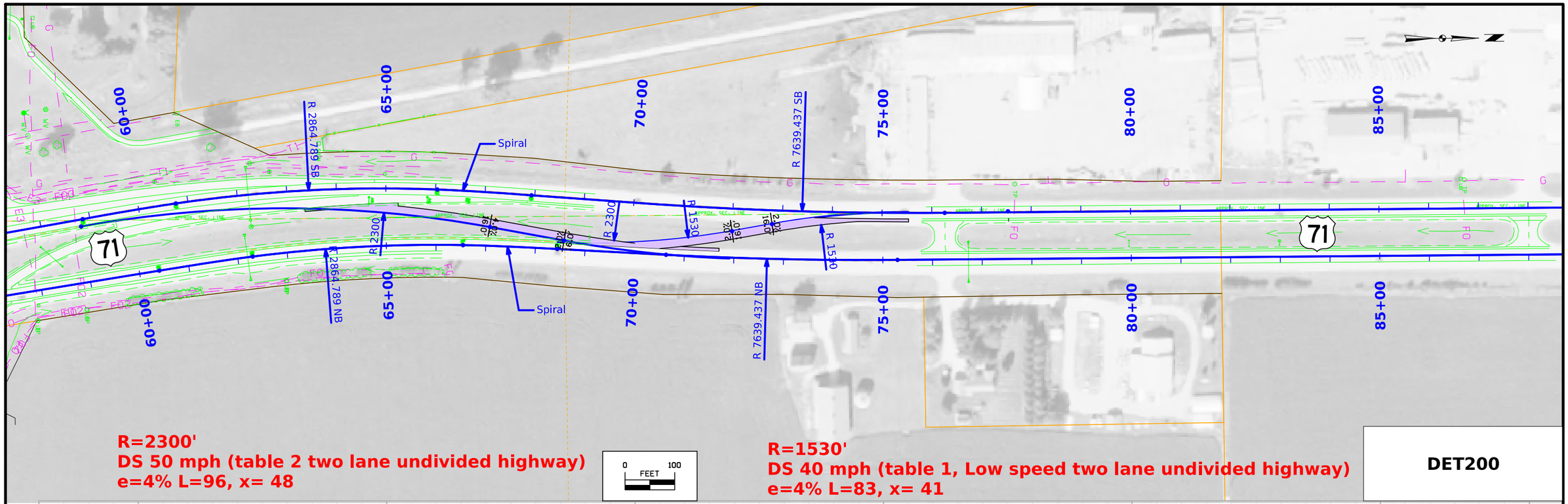
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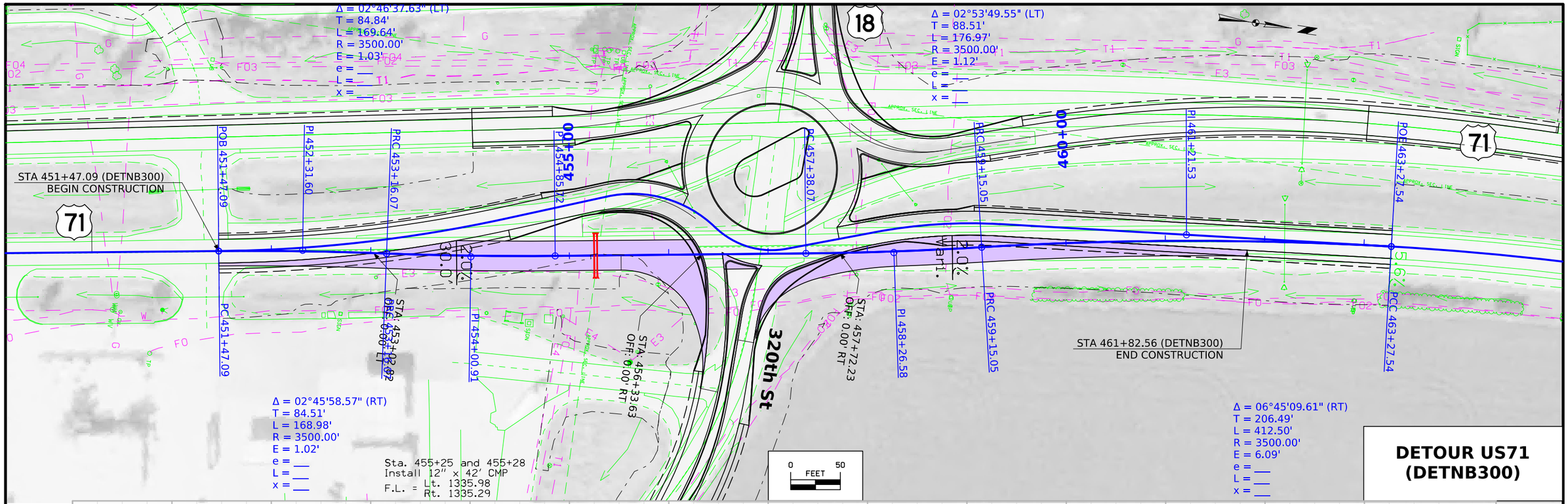
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2:02:10 PM 9/12/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_F01.dgn



FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **F.2**

2:02:20 PM 9/12/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_F02.dgn



FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER F.3

2:02:32 PM 9/12/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_F03.dgn

SURVEY INDEX

County: Clay
PIN: 23-21-018-020
Project Number: HSIPX-018-2(142)-3L-21
Location: North US 71 US18 Intersection in Spencer
Type of Work: Round A-Bout
Project Directory: 2101802023

Survey Personnel

Daniel Duncan – Survey Party Chief
Paul Harry – Survey Party Chief
Robert Fredrickson – Assistant Survey Party Chief

Date(s) of Survey

Begin Date	02/29/2024
End Date	04/02/2024

General Information

This survey is for US 18 US 71 North Intersection in Spencer Iowa. This survey request was for a Round A-Bout at this intersection. This project is a Full Field DTM survey.

Utility Information

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

Project Control

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

PROJECT DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 ADJUSTMENT)
COORDINATE SYSTEM: IOWA REGIONAL COORDINATE SYSTEM ZONE 01 (U.S. SURVEY FOOT)
VERTICAL DATUM: NAVD88
GEOID MODEL: 2018u3

Alignment Information

Horizontal alignments for this project were provided by the District 3 Land Survey Office

CONTROL POINT VICINITY MAP

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



HORIZ. DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 Adjustment) - Iowa RCS Zone 01 (U.S. Survey Foot)

VERT. DATUM: NAVD88 - Geoid Model: 2018u3

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

HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING

HORIZ. DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 Adjustment)
Ia. Regional Coordinate System Zone 01 (U.S. Survey Foot)
VERT. DATUM: NAVD88
Geoid Model: 2018u3

Point Name	Northing	Easting	Elevation	Code-Description
7034	9588735.20	11513395.58	1332.44	CP FND CLAY CO GPS CONTROL POINT AS DESCRIBED IN GOOD CONDITION
7038	9604529.12	11526413.10	1374.75	CP FND CLAY CO GPS CONTROL POINT AS DESCRIBED IN GOOD CONDITION
7052	9588741.07	11542038.91	1316.46	CP FND CLAY CO GPS CONTROL POINT AS DESCRIBED IN GOOD CONDITION
7089	9584230.48	11512621.90	1335.57	CP FND CLAY CO GPS CONTROL POINT AS DESCRIBED IN GOOD CONDITION
210180774	9594248.27	11525527.43	1333.08	CP SET FENO MONUMENT 270ft west of the Iowa State Patrol Driveway on North Side of US18
210180787	9588445.56	11527218.79	1327.65	CP SET FENO MONUMENT 330ft South of E 30th St along West side of the Bike Path
E18	9580940.21	11515583.45	1331.23	CP FND NGS SECOND ORDER CLASS 0 VERTICAL MARK AS DESCRIBED IN GOOD CONDITION

JOHN C & RUTH VANERHAAG LIVING TRUST

NTRA PROPERTIES LLC

SummIt TWP.
T-97N R-37W
SEC. 36

PLA-COR INC

4th Ave W

W 43rd St

DANNY R & NANCY L BAILEY

CITY OF SPENCER

TEMPORARY EASEMENT TO SHAPE

24"x4'(±) Conc. Pipe Remove

Proposed 24" RCP

53+84.60 (SUR071SB)
BEGIN CONSTRUCTION

STA 51+47.09 (SUR071NB)
BEGIN CONSTRUCTION

Do not Disturb

Close

TAILORED GRAPHICS LLC

CSH HOLDINGS LLC

KWIK TRIP INC

SW 1/4 NW 1/4 SEC. 31

NW 1/4 NW 1/4 SEC. 31

Meadow TWP.
T-97N R-36W
SEC. 31

NE 1/4 NE 1/4 SEC. 36

Remove (by Other Plan) Type "B" Ent.

TFI IA PORTFOLIO LLC

TEMPORARY EASEMENT TO CONSTRUCT ENTRANCE

+32 Proposed Type "B" Ent.

Type "B" Ent. U.A.C.

320th St

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: Hughes/ Cuva
ROW #: NHSN-018-2(145)--2R-21
Plan Date: 9-10-2025
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

0 50 FEET

FILE NO.	ENGLISH	DESIGN TEAM Strum / Janus / Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER H.1

9:40:10 AM 9/10/2025 CHUGHES pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\ROW\ROW_21018145.dgn

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3

NTRA PROPERTIES LLC

18

7

DEPT. OF PUBLIC SAFETY

JUDITH A ANDERSON
KRYSTINA L ANDERSON
ASHLYNN ANDERSON-DELLUCCI

Summit TWP.
T-97N R-37W
SEC. 25

SE 1/4 SE 1/4
SEC. 25

4

CITY OF SPENCER

SPENCER LIVESTOCK SALES INC

55+55
℄ 143' (SBL71)

55+95±R
℄ 164' (SBL71)

STA: 2633+82.61 (ML018EB)
END CONSTRUCTION

STA: 3633+90.92 (ML018WB)
END CONSTRUCTION

Proposed
24" RCP

4

CITY OF SPENCER

TEMPORARY EASEMENT TO SHAPE

STA 62+86.06 (SUR071SB)
END CONSTRUCTION

71

STA: 63+27.23 (SUR071NB)
END CONSTRUCTION

STA: 7157+12.80 (SR320WB)
BEGIN CONSTRUCTION

STA 6157+10.14 (SR320EB)
BEGIN CONSTRUCTION

Close

320th St

6

MILLEMAN PRAIRIE FARMS LLC

SW 1/4 SW 1/4
SEC. 30

Meadow TWP.
T-97N R-36W
SEC. 30

0 50
FEET

Right of Way Design Information

THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: Larson / Hughes
ROW #: NHSN-018-2(145)--2R-21
Plan Date: 5-14-2025
Color Legend:

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

FILE NO.	ENGLISH	DESIGN TEAM Strum / Janus / Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER H.2	

3:36:59 PM 5/14/2025 CHUGHES pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\ROW\ROW_21018145.dgn

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JUDITH A ANDERSON
KRYSTINA L ANDERSON
ASHLYNN ANDERSON-DELLUCCI

SPENCER LIVESTOCK SALES INC

4

CITY OF SPENCER

STA 62+86.06 (SUR071SB)
END CONSTRUCTION

STA 63+27.23 (SUR071NB)
END CONSTRUCTION

Summit TWP.
T-97N R-37W
SEC. 25

SE 1/4 SE 1/4
SEC. 25

7

DEPT. OF PUBLIC SAFETY

Meadow TWP.
T-97N R-36W
SEC. 30

SW 1/4 SW 1/4
SEC. 30

18

71

STA 629+18.82 (SUR018)
BEGIN CONSTRUCTION

AQUIRE ACCESS CONTROL ON 18
FROM 626+55 to 632+46

24"x75' Conc. Pipe Remove

24"x96' Conc. Pipe Remove

24"x73' Conc. Pipe Remove

STA 3633+90.92 (ML18WB)
END CONSTRUCTION

Proposed 24" RCP

STA 2633+82.61 (ML18EB)
END CONSTRUCTION

STA 7157+11.80 (SR320WB)
BEGIN CONSTRUCTION

STA 6157+10.14
BEGIN CONSTRUCTION

AQUIRE ACCESS CONTROL ON 320
FROM 7157+61.84 to 7164+00

157+36±℄
℄ 113' (SR320TH)

159+65
℄ 86' (SR320TH)

160+32 (SR320TH)
℄ 120'±℄

158+22±EX.R/W
℄ 200' (SR320TH)

160+36
℄ 129' (SR320TH)

Close

Do not Disturb

320th St

1

CHARLES P CHARLES
REVOCABLE TRUST

5th Ave W

TEMPORARY EASEMENT TO
CONSTRUCT ENTRANCE & SHAPE

3

NTRA PROPERTIES LLC

NE 1/4 NE 1/4
SEC. 36

4

CITY OF SPENCER

TEMPORARY EASEMENT
TO SHAPE

PLA-COR INC

6

MILLEMAN PRAIRIE FARMS LLC

TEMPORARY EASEMENT
TO SHAPE

2

TFI IA PORTFOLIO LLC

NW 1/4 NW 1/4
SEC. 31

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: Hughes / Cuva
ROW #: NHSN-018-2(145)--2R-21
Plan Date: 9-10-2025
Color Legend:

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

0 50
FEET

FILE NO.	ENGLISH	DESIGN TEAM Strum / Janus / Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER HE.1

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Meadow TWP.
T-97N R-36W
SEC. 30

6

MILLEMAN PRAIRIE FARMS LLC

SW 1/4 SW 1/4
SEC. 30

SE 1/4 SW 1/4
SEC. 30

157+36±P
℄ 113' (SR320TH)

159+65
℄ 86' (SR320TH)

162+30
℄ 82' (SR320TH)

164+33 (SR320TH)
℄ 55'±EX.R/W

157+00 6157+00 157+00 6158+00 158+00 7158+00 159+00 6159+00 7159+00 160+00 6160+00 7160+00 161+00 6161+00 7161+00 162+00 6162+00 7162+00 163+00 6163+00 7163+00 164+00 6164+00 7164+00 165+00 6165+00 7165+00 166+00 6166+00 7166+00 167+00 6167+00 7167+00 168+00 6168+00 7168+00 169+00 6169+00 7169+00 170+00 6170+00 171+00 172+00

18"x65'
CM.P.
U.A.C.

320th St

Sta 164+35.43 (SUR320)
END CONSTRUCTION

37"x23"x112'
ARCHED Conc. Pipe
U.A.C.

ACQUIRE ACCESS CONTROL ON 320 / B19
FROM 7157+62 TO 7164+00

STA 7157+12.80 (SR320WB)
BEGIN CONSTRUCTION

STA 6157+10.14 (SR320EB)
BEGIN CONSTRUCTION

Do not Disturb

Close

160+32 (SR320TH)
℄ 120'±℄

160+36
℄ 129' (SR320TH)

158+22±EX.R/W
℄ 200' (SR320TH)

71

8

KWIK TRIP INC

ENTRANCE BEING CONTRUCTED
WITHIN PREVIOUSLY ESTABLISHED ACCESS EASEMENT
Book 2024 Page 1338

+32 Proposed
Type "B" Ent.

TEMPORARY EASEMENT
TO SHAPE

2

TFI IA PORTFOLIO LLC

TEMPORARY EASEMENT TO
CONSTRUCT ENTRANCE

TEMPORARY EASEMENT TO
CONSTRUCT ENTRANCE

Type "B" Ent.
U.A.C.

2ND AVE. EAST

4

CITY OF SPENCER

NW 1/4 NW 1/4
SEC. 31

NE 1/4 NW 1/4
SEC. 31

PATRICIA SCHMIDT TRUST

Meadow TWP.
T-97N R-36W
SEC. 31

0 FEET 50

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: Larson / Hughes
ROW #: NHSN-018-2(145)--2R-21
Plan Date: 5-14-2025
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO.	ENGLISH	DESIGN TEAM Strum / Janus / Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER HE.2

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Summit TWP.
T-97N R-37W
SEC. 36

SE 1/4 NE 1/4
SEC. 36

NE 1/4 NE 1/4
SEC. 36

SW 1/4 NW 1/4
SEC. 31

NW 1/4 NW 1/4
SEC. 31

Meadow TWP.
T-97N R-36W
SEC. 31

D & T OFFICE LLC

JOHN C & RUTH VANDERHAAG
LIVING TRUST

NTRA PROPERTIES LLC

PLA-COR INC

NTRA
PROPERTIES
LLC

D & T OFFICE LLC

DANNY R &
NANCY L BAILEY

CITY OF SPENCER

TAILORED
GRAPHICS LLC

KWIK TRIP INC

19600+00
19601+00
19602+00
19603+00
19604+00
19605+00
19606+00
19607+00
19608+00
19609+00
19610+00
19611+00
19612+00
19613+00

W 43rd St

4th Ave W

4th Ave W

TILE

71

71

3

3

4

8

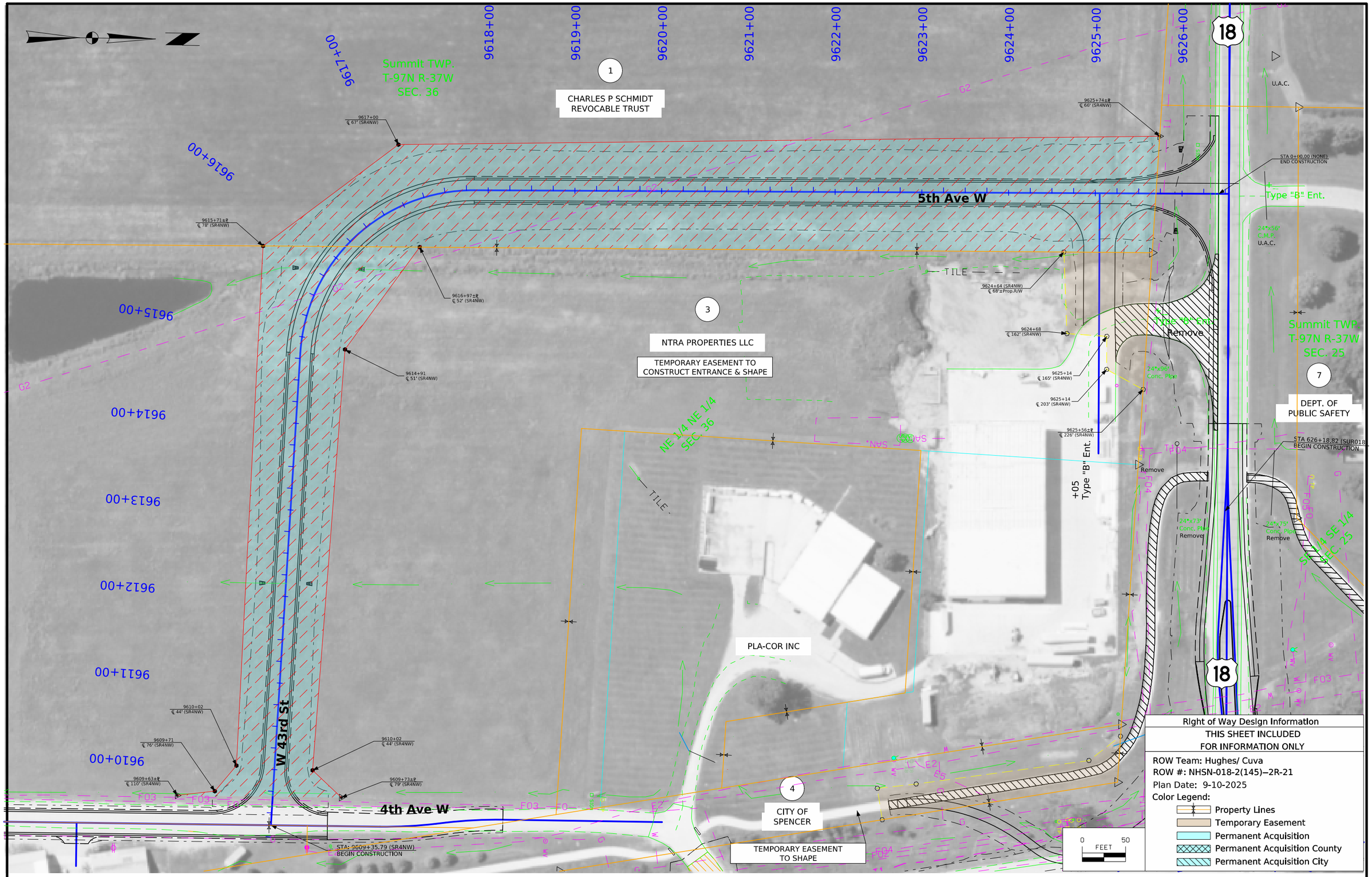
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FEET

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY
ROW Team: Hughes/ Cuva ROW #: NHSN-018-2(145)--2R-21 Plan Date: 9-10-2025 Color Legend: Property Lines Temporary Easement Permanent Acquisition Permanent Acquisition County Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Strum / Janus / Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER HE.3	

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Right of Way Design Information

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FOR INFORMATION ONLY

ROW Team: Hughes/ Cuva
ROW #: NHSN-018-2(145)—2R-21
Plan Date: 9-10-2025
Color Legend:

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

FILE NO. 98765	ENGLISH	DESIGN TEAM Strum / Janus / Gunderson	CLAY COUNTY	PROJECT NUMBER HSIX-018-2(142)--3L-21	SHEET NUMBER HE.4

11:17:35 AM 9/10/2025 CHUGHES pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\ROW\ROW_21018145.dgn

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Right of Way Design Information

THIS SHEET INCLUDED
FOR INFORMATION ONLY

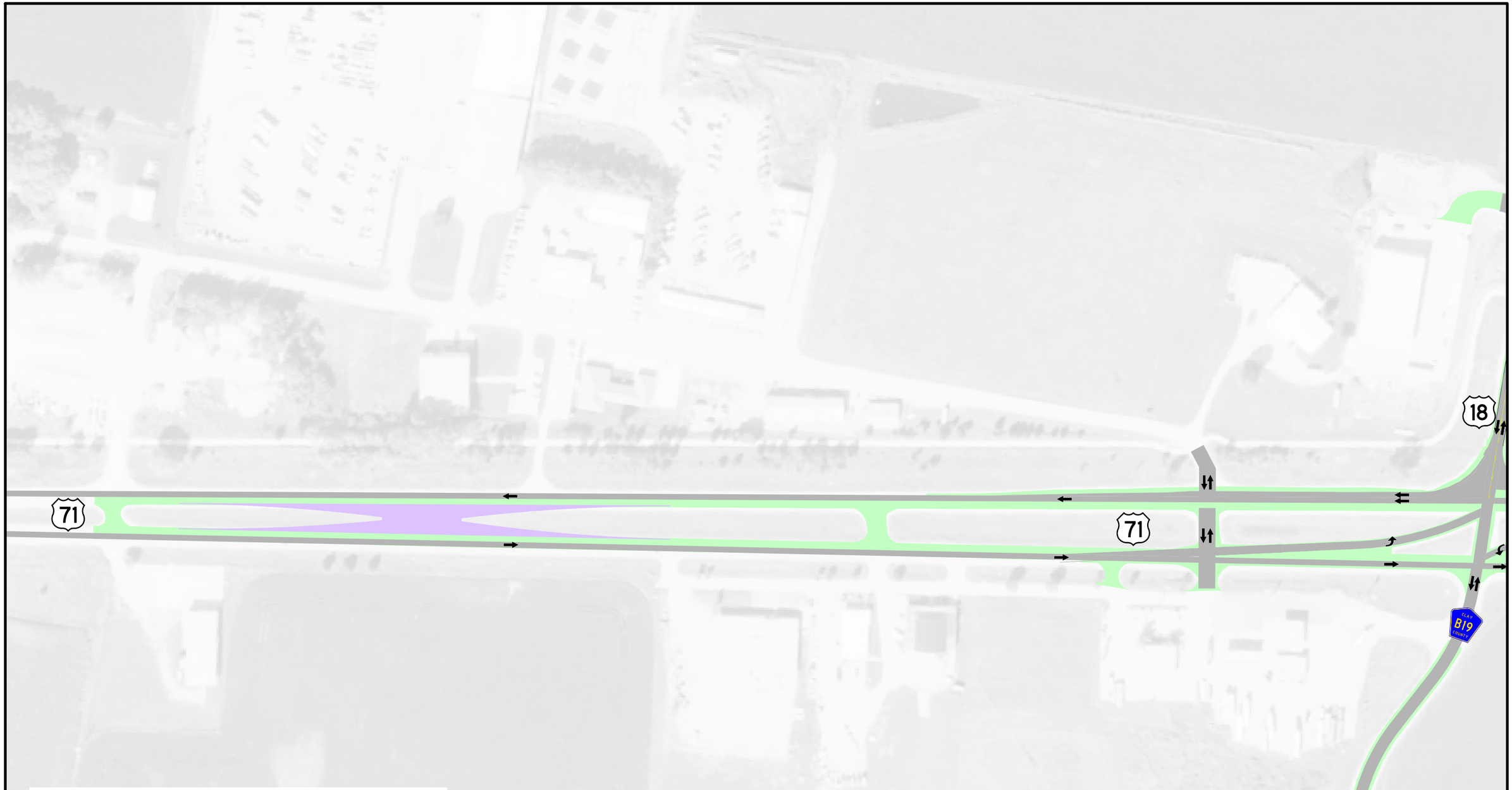
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Plan Date: 5-14-2025
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- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Strum / Janus / Gunderson	CLAY COUNTY	PROJECT NUMBER HSIX-018-2(142)--3L-21	SHEET NUMBER HE.5

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LEGEND

- PROPOSED PERMANENT PAVEMENT
- PROPOSED TEMPORARY PAVEMENT
- PROPOSED TRAFFIC
- EXISTING PAVEMENT
- PREVIOUS CONSTRUCTION

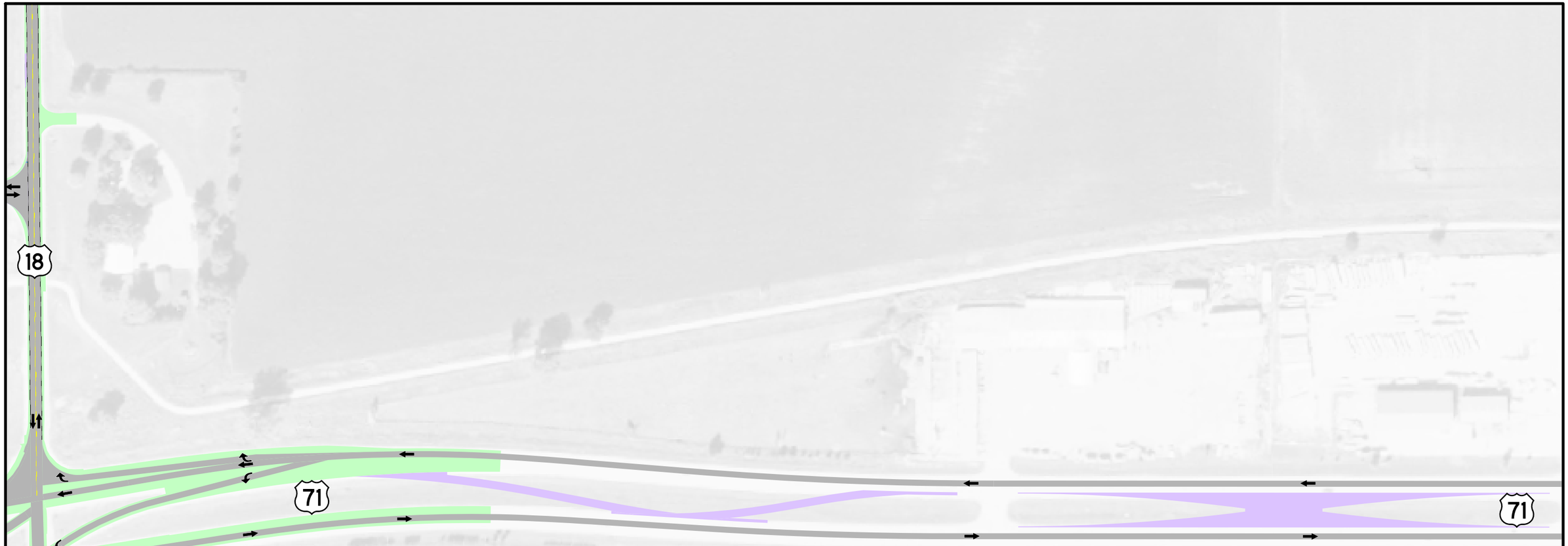
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TRAFFIC
US 71 - Open, median lane closed
US 18 - Open
B-19 - Open

Stage 1

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **J.1**

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LEGEND

- PROPOSED PERMANENT PAVEMENT
- PROPOSED TEMPORARY PAVEMENT
- PROPOSED TRAFFIC
- EXISTING PAVEMENT
- PREVIOUS CONSTRUCTION

0 100
FEET

TRAFFIC
US 71 - Open, median lane closed
US 18 - Open
B-19 - Open

Stage 1

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **J.2**

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71

18

CLAY
B19
COUNTY

71

LEGEND

- PROPOSED PERMANENT PAVEMENT
- PROPOSED TEMPORARY PAVEMENT
- PROPOSED TRAFFIC
- EXISTING PAVEMENT
- PREVIOUS CONSTRUCTION

0 50
FEET

N

TRAFFIC
US 71 - Open, shifted head-to-head on SB lanes
US 18 - Open
B-19 - Closed

Stage 2A

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **J.3**	

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71

18

71

CLAY
B19
COUNTY

LEGEND

- PROPOSED PERMANENT PAVEMENT
- PROPOSED TEMPORARY PAVEMENT
- PROPOSED TRAFFIC
- EXISTING PAVEMENT
- PREVIOUS CONSTRUCTION

0 50
FEET

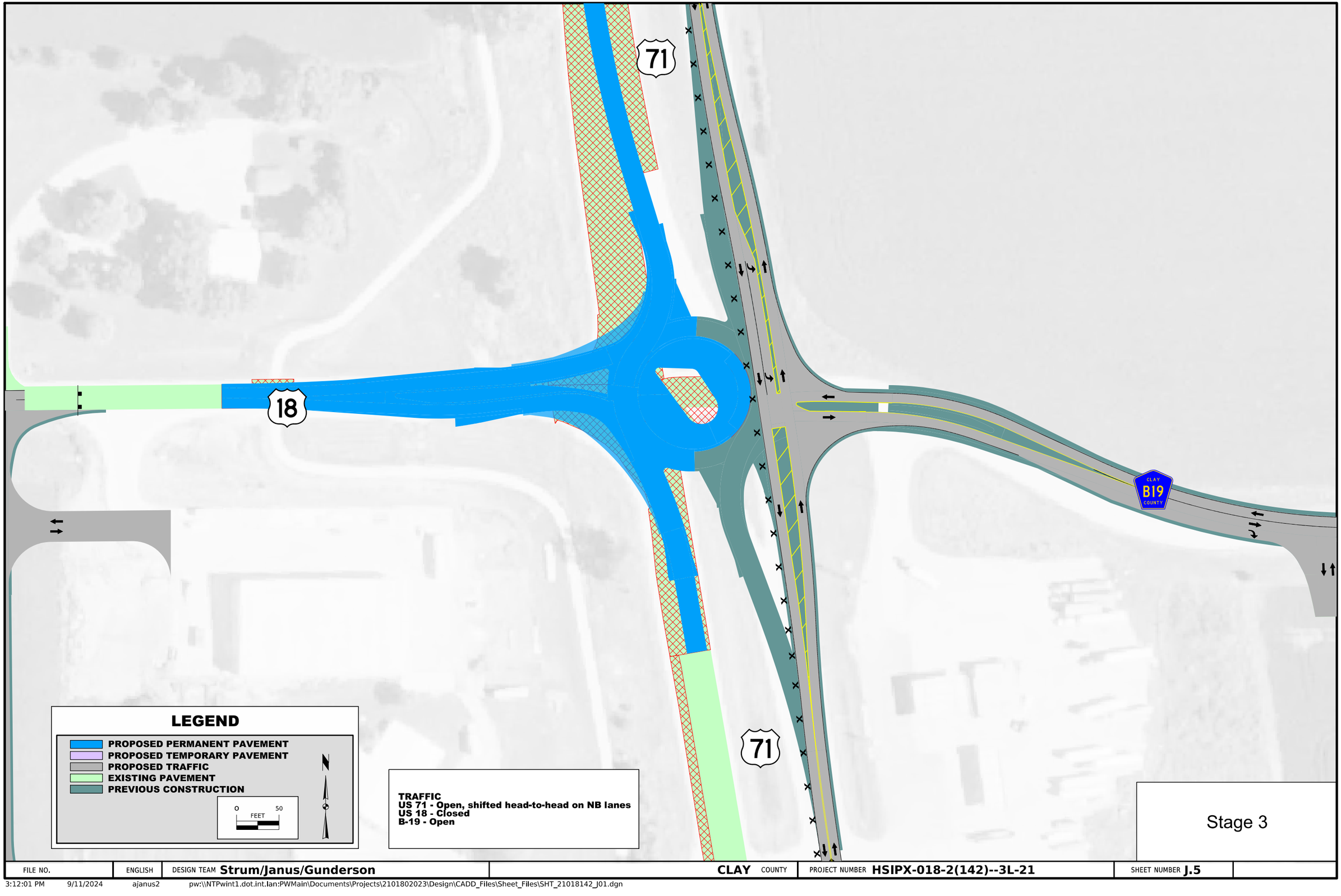
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TRAFFIC
US 71 - Open, shifted head-to-head on SB lanes
US 18 - Open
B-19 - Closed

Stage 2B

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **J.4**

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LEGEND

- PROPOSED PERMANENT PAVEMENT
- PROPOSED TEMPORARY PAVEMENT
- PROPOSED TRAFFIC
- EXISTING PAVEMENT
- PREVIOUS CONSTRUCTION

0 50 FEET

N

TRAFFIC
US 71 - Open, shifted head-to-head on NB lanes
US 18 - Closed
B-19 - Open

Stage 3

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **J.5**	

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71

18

CLAY
B19
COUNTY

71

LEGEND

- PROPOSED PERMANENT PAVEMENT
- PROPOSED TEMPORARY PAVEMENT
- PROPOSED TRAFFIC
- EXISTING PAVEMENT
- PREVIOUS CONSTRUCTION

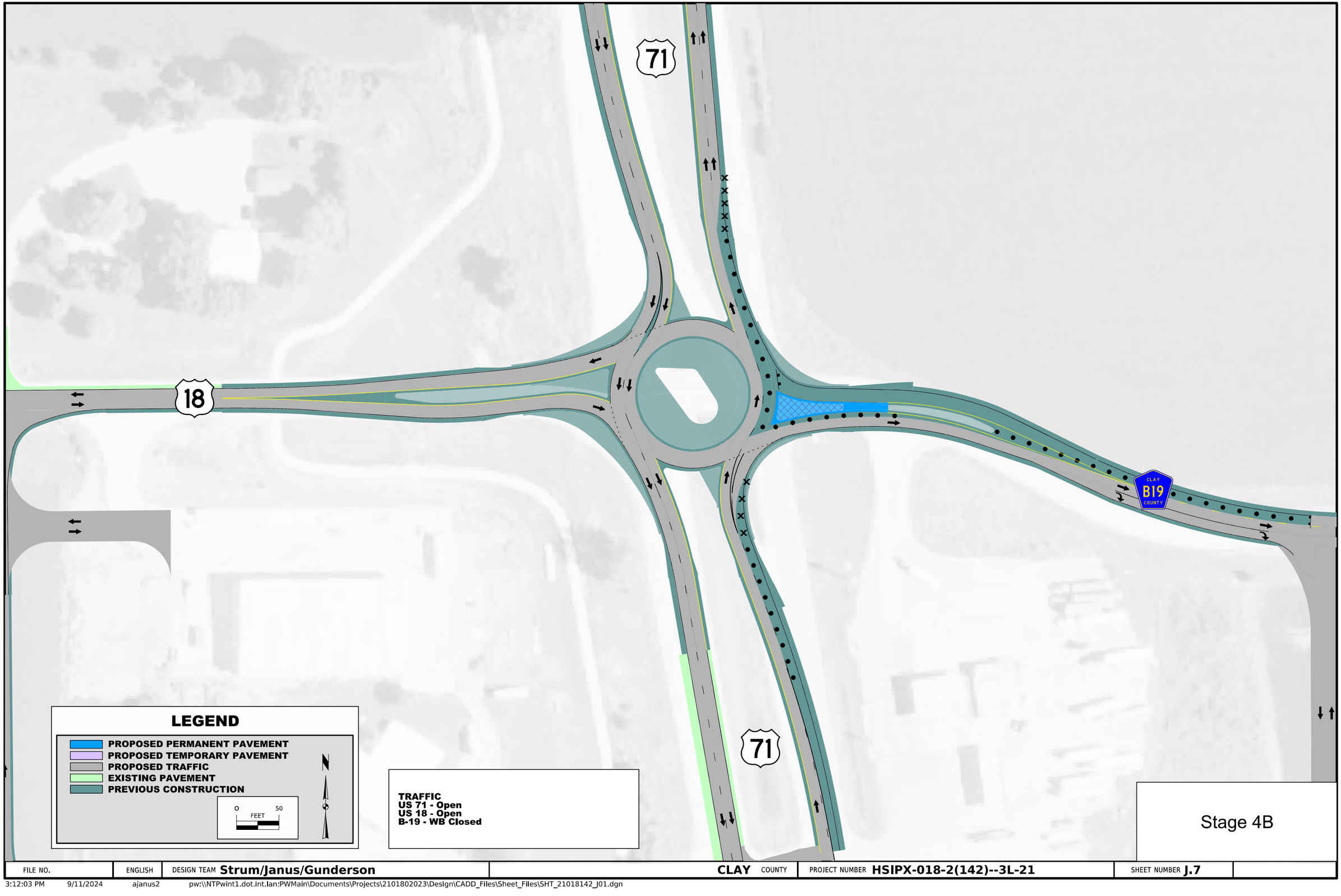
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TRAFFIC
US 71 - Open
US 18 - Open
B-19 - WB Closed

Stage 4A

FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER J.6

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FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER J.7	

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71

18

CLAY
B19
COUNTY

71

LEGEND

- PROPOSED PERMANENT PAVEMENT
- PROPOSED TEMPORARY PAVEMENT
- PROPOSED TRAFFIC
- EXISTING PAVEMENT
- PREVIOUS CONSTRUCTION

0 50
FEET

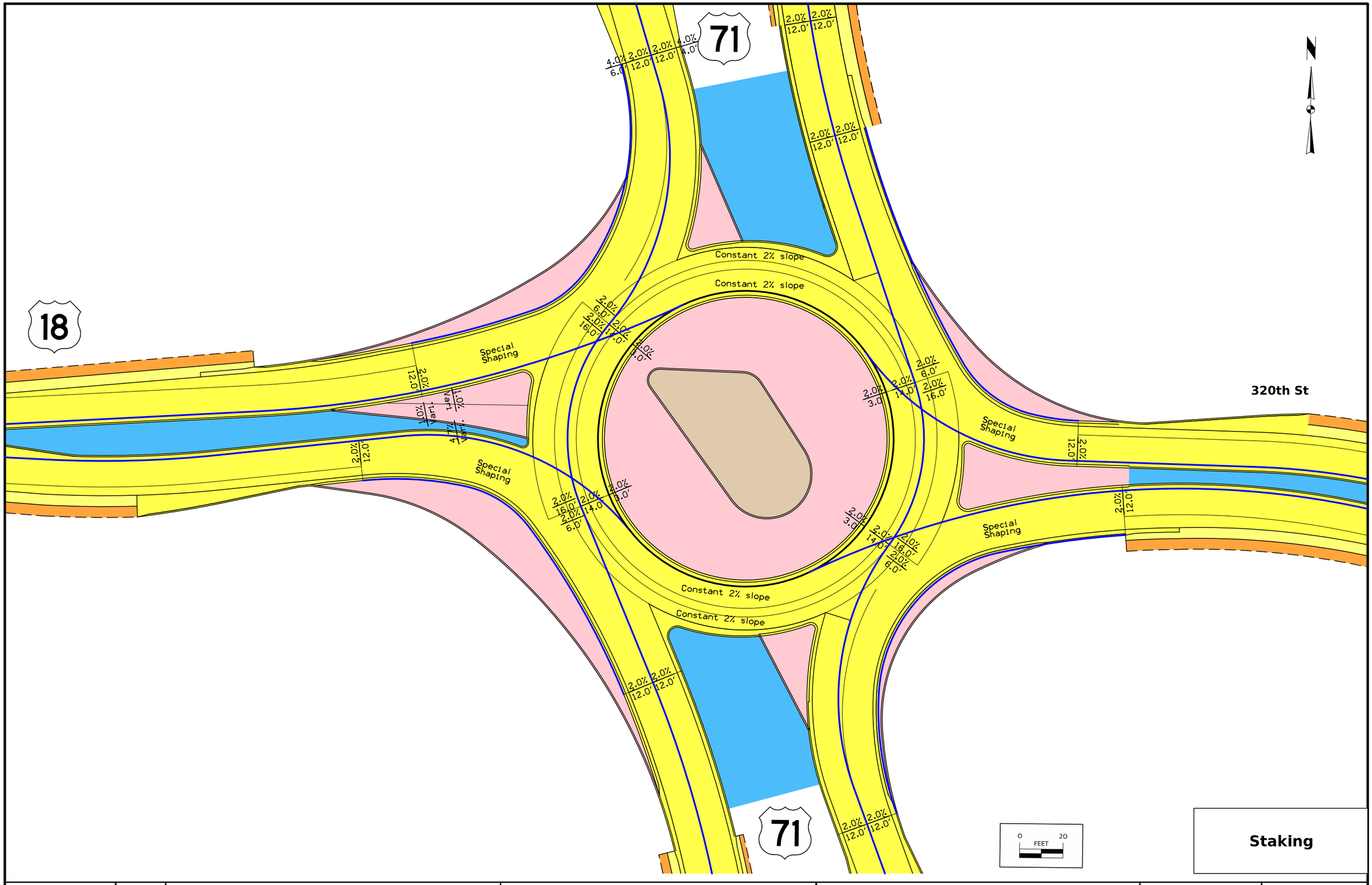
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TRAFFIC
US 71 - Open
US 18 - Open
B-19 - Open

Final

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **J.8**

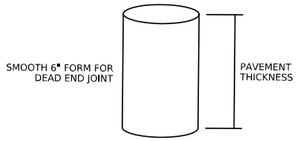
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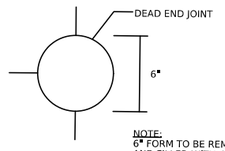
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FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**CLAY** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **L.1**

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DEAD END JOINT DETAIL
SIDE VIEW



NOTE:
6" FORM TO BE REMOVED AND FILLED WITH CONCRETE.

DEAD END JOINT DETAIL
TOP VIEW

71

18

320th St

71

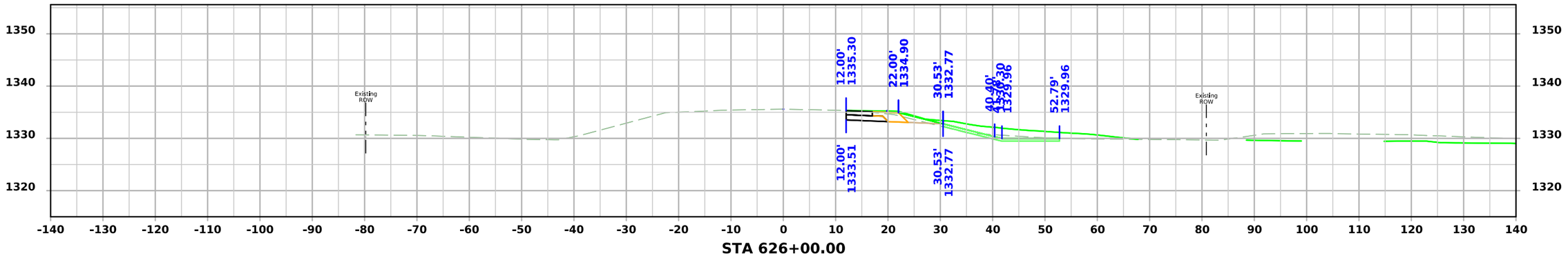
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JOINTING

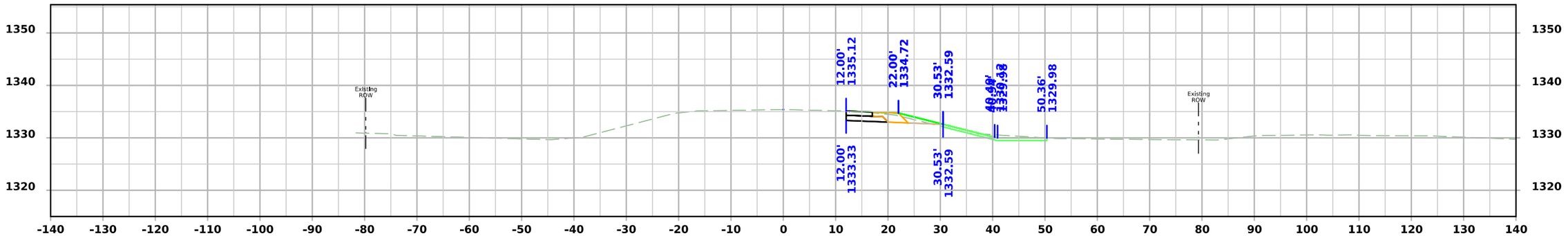
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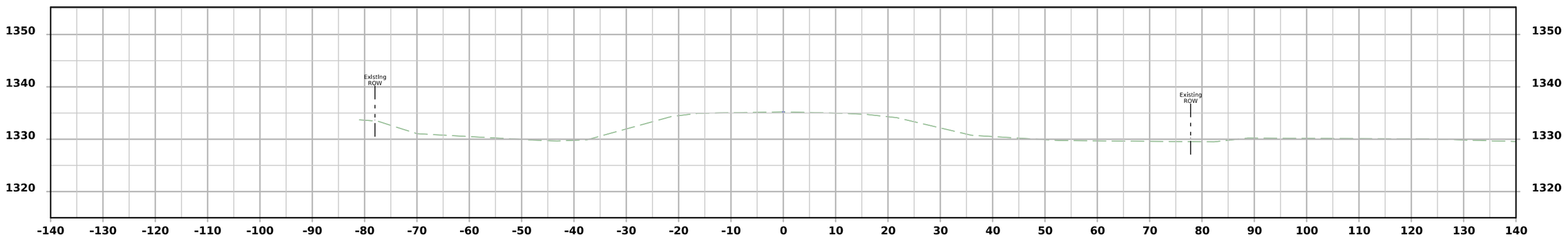
US 18



STA 626+00.00



STA 625+75.00

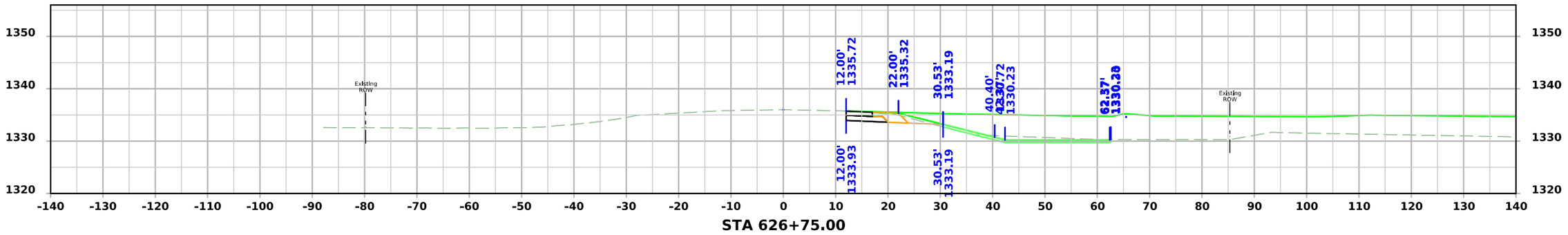


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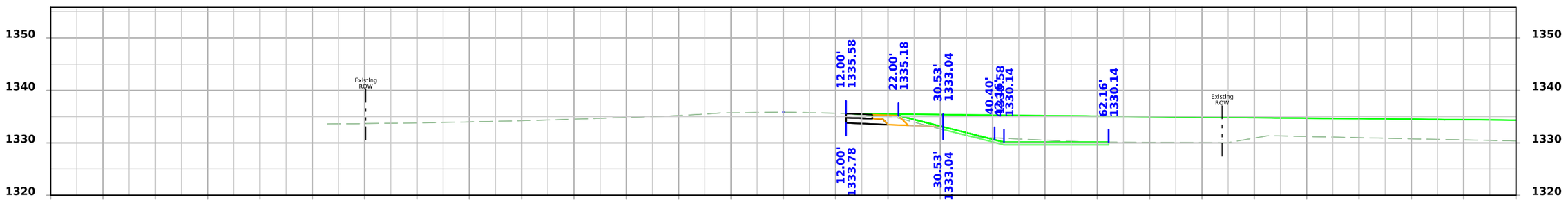
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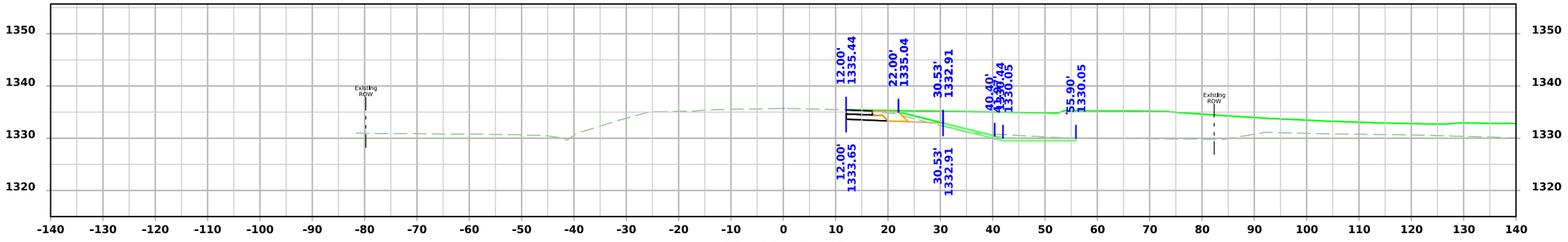
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STA 626+75.00



STA 626+50.00

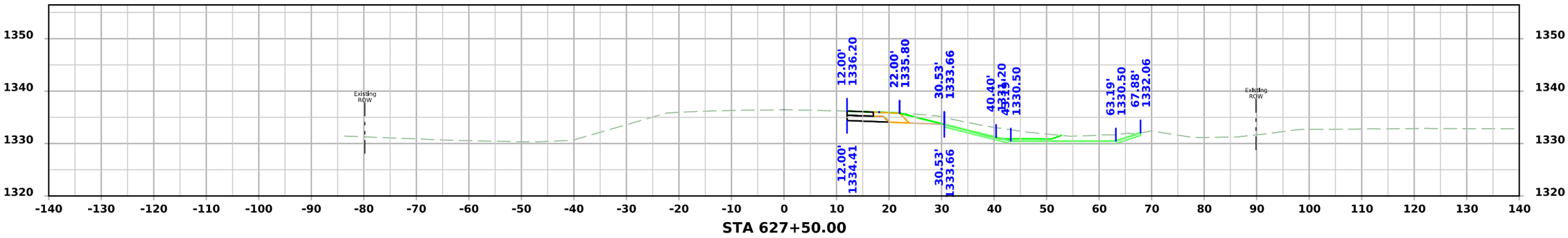


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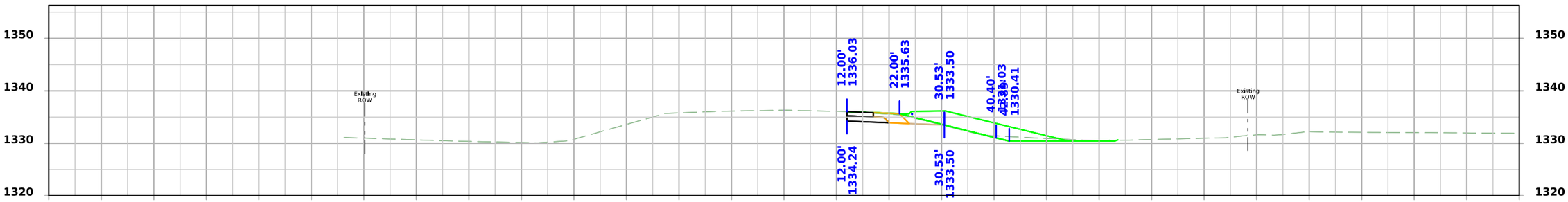
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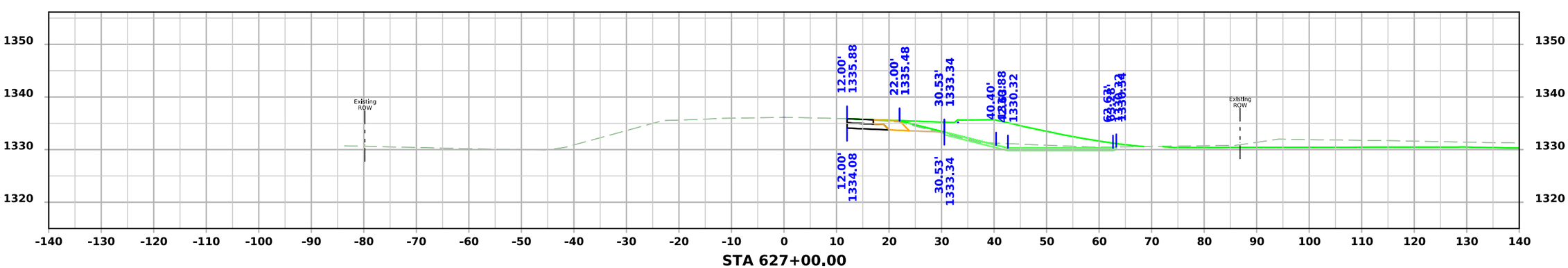
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STA 627+50.00



STA 627+25.00

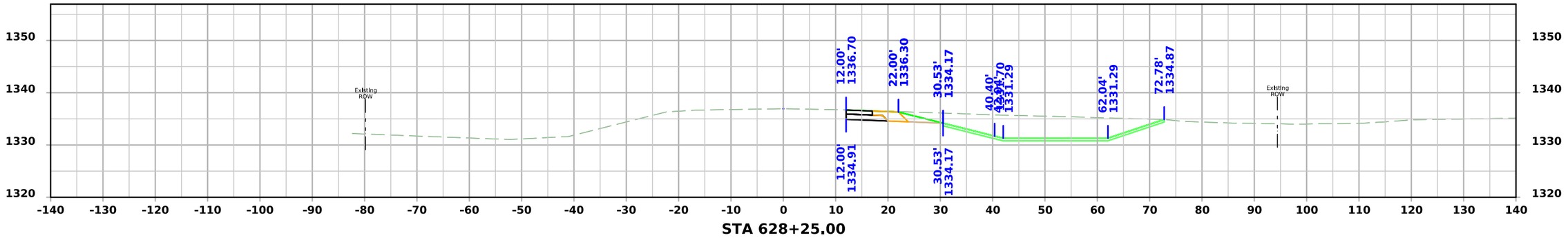


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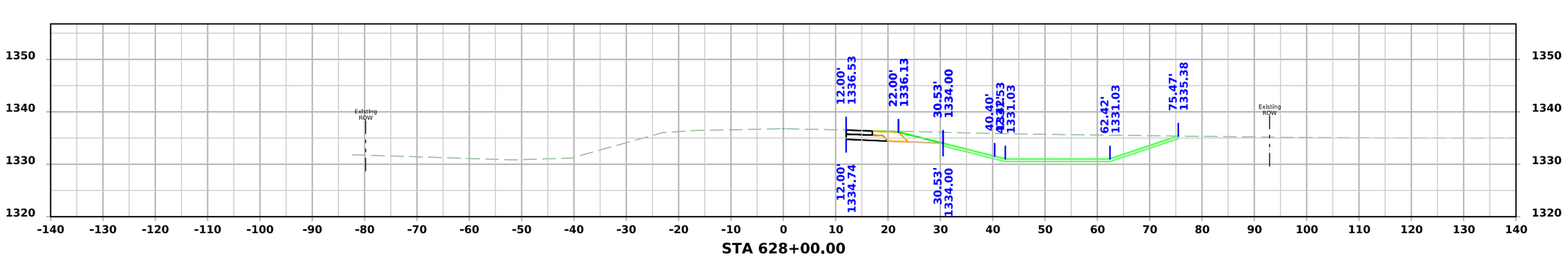
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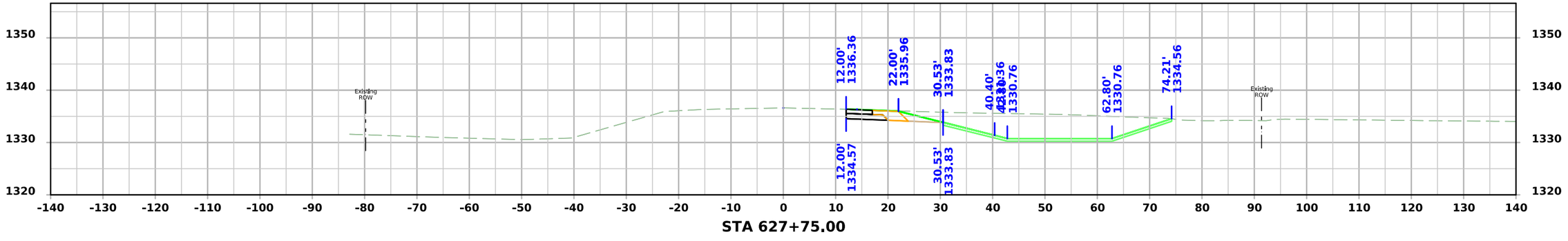
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STA 628+25.00



STA 628+00.00

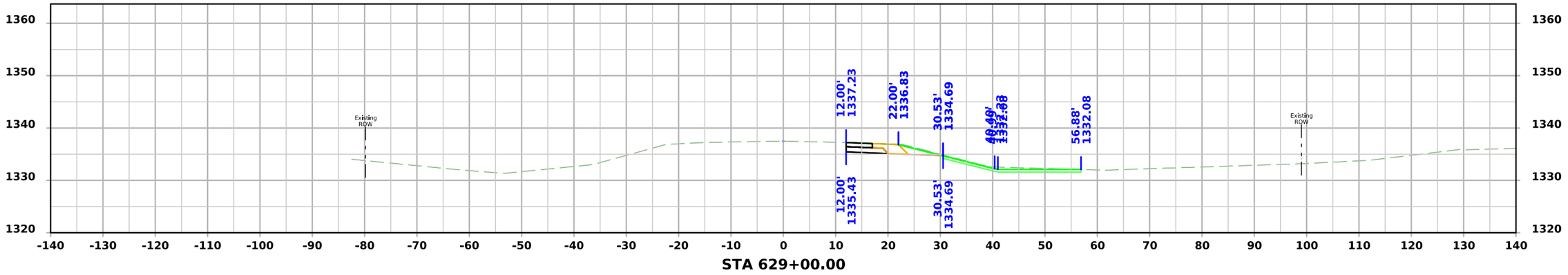


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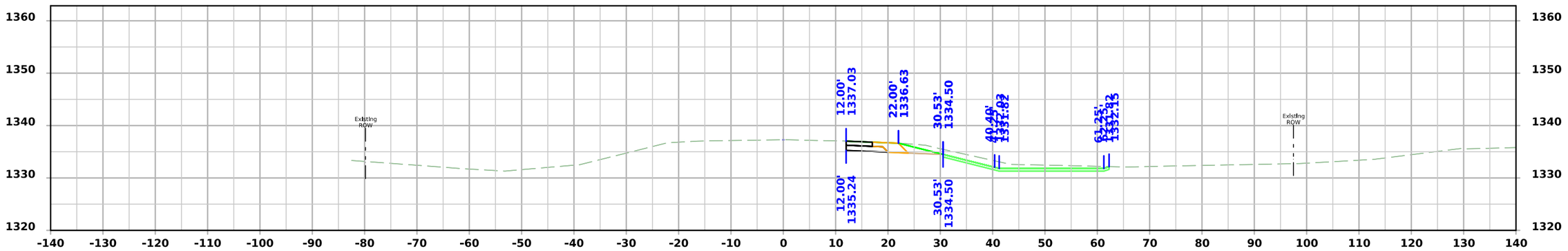
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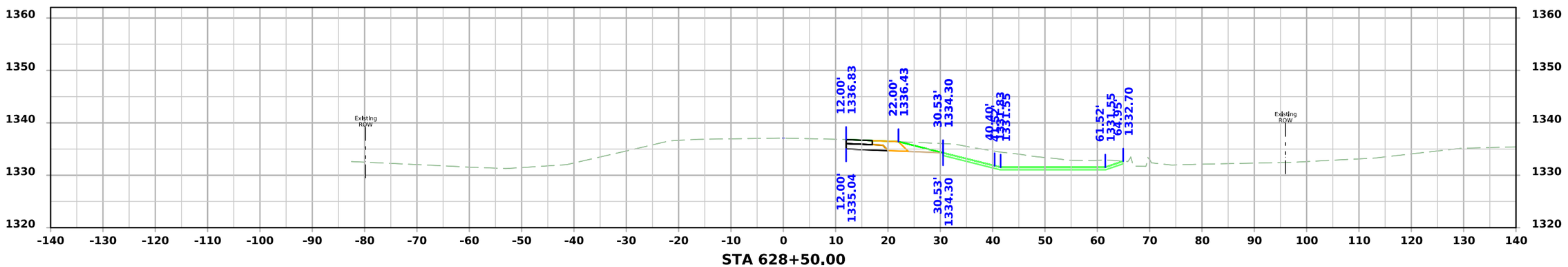
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STA 629+00.00



STA 628+75.00

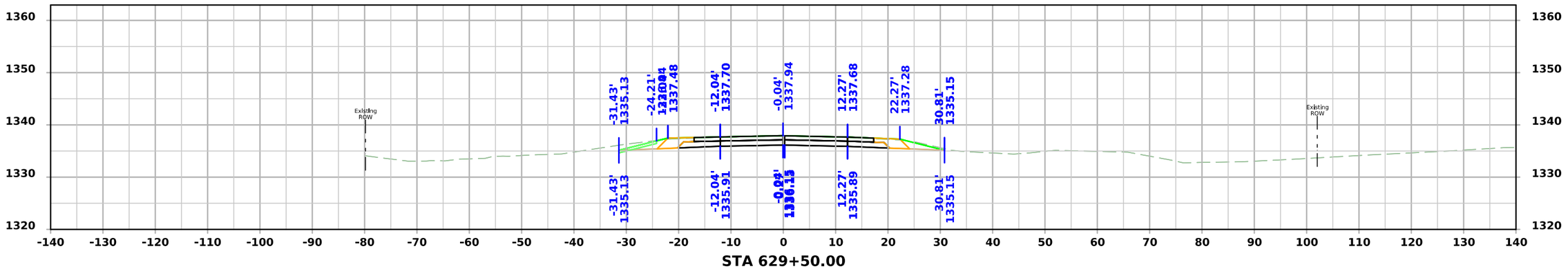


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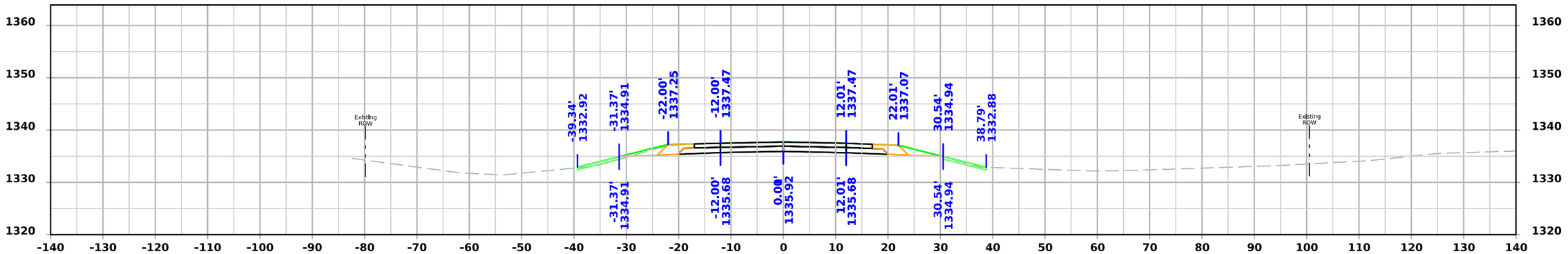
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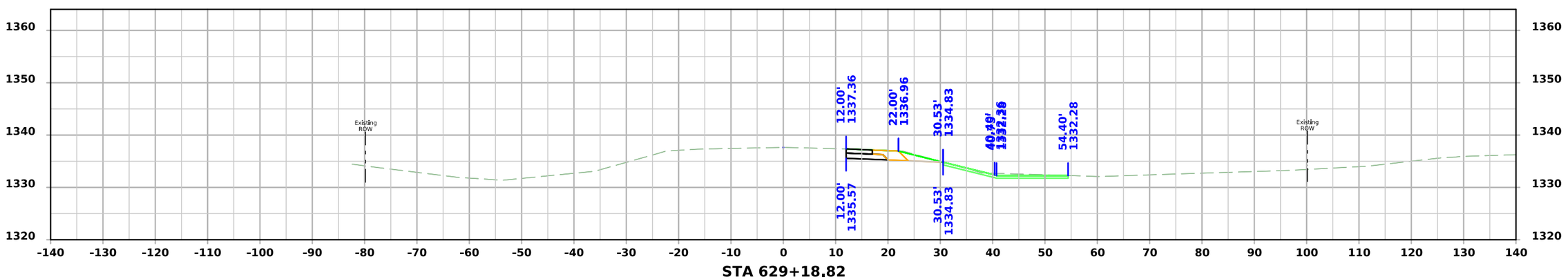
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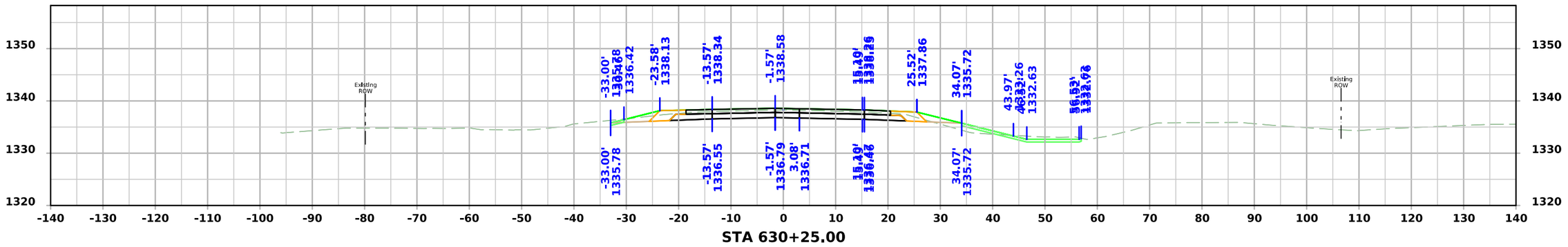


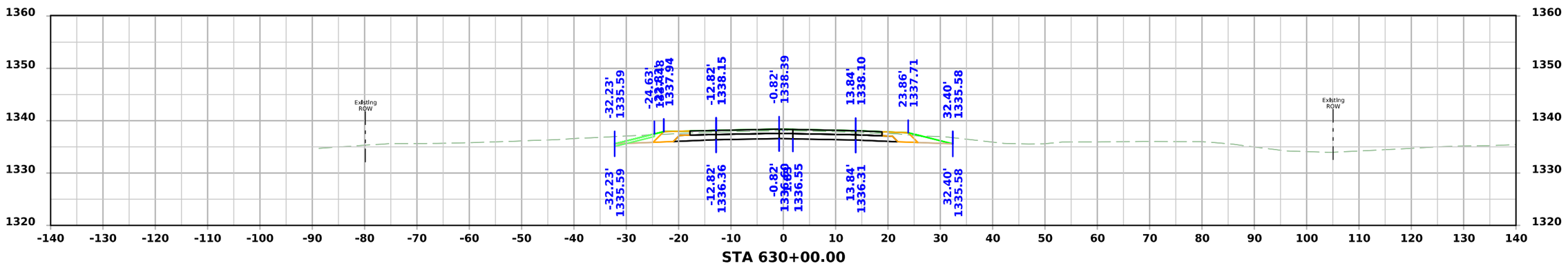
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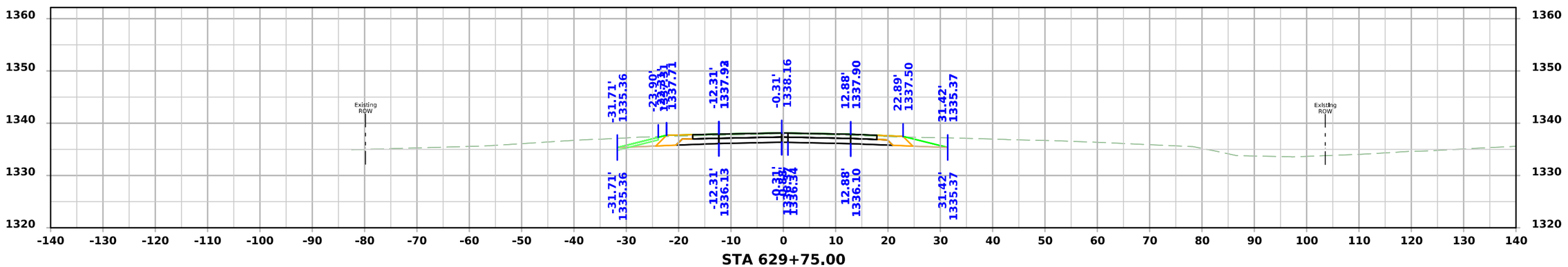
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US 18



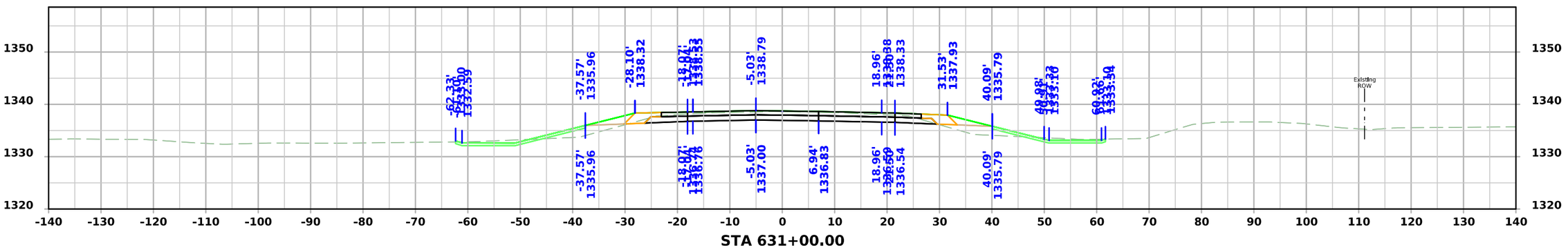


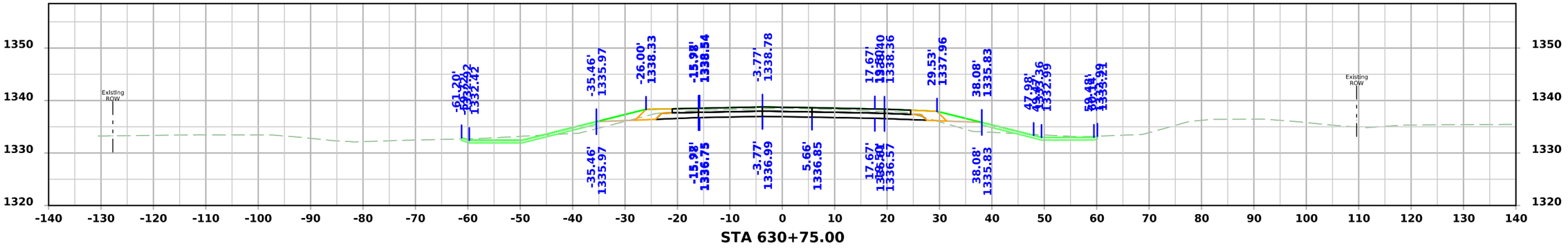


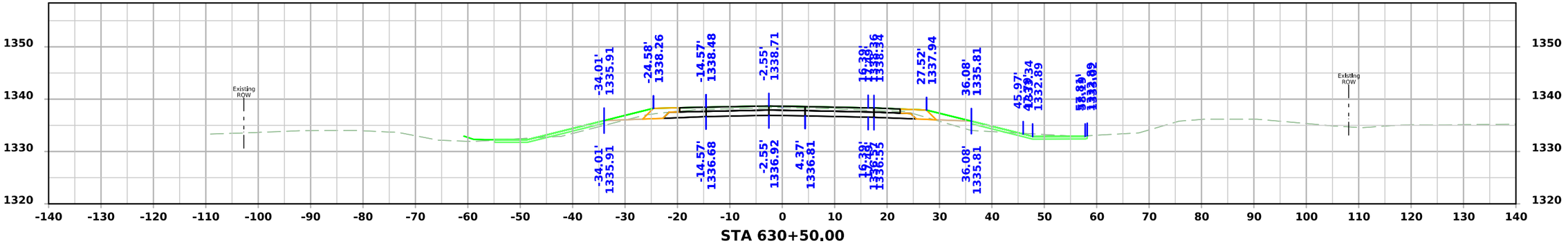
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US 18



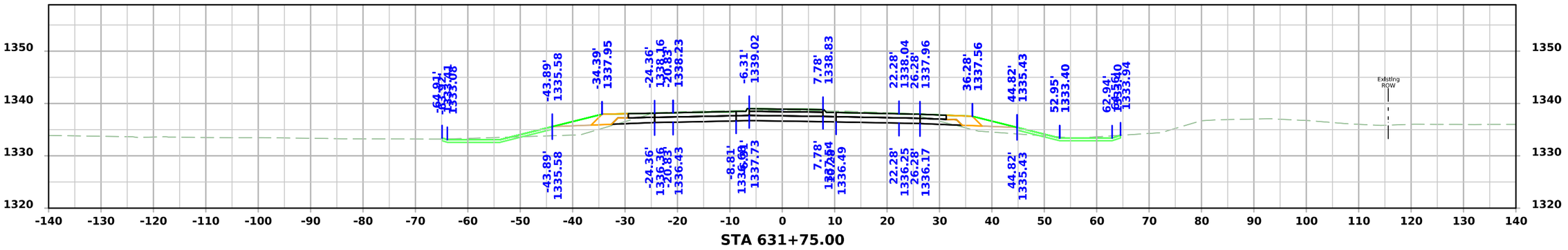




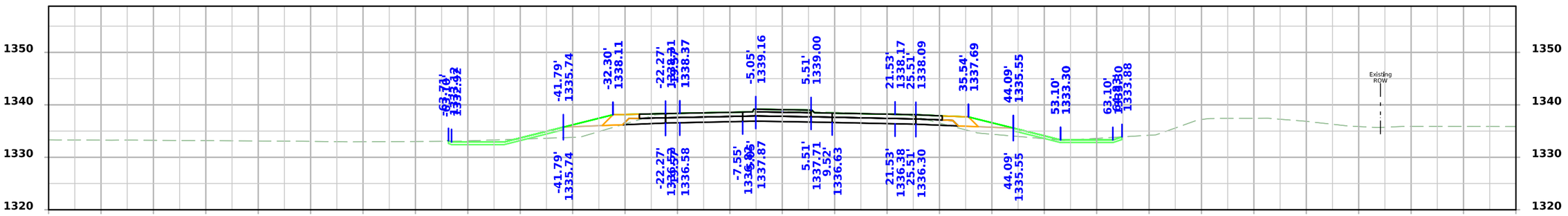
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.8

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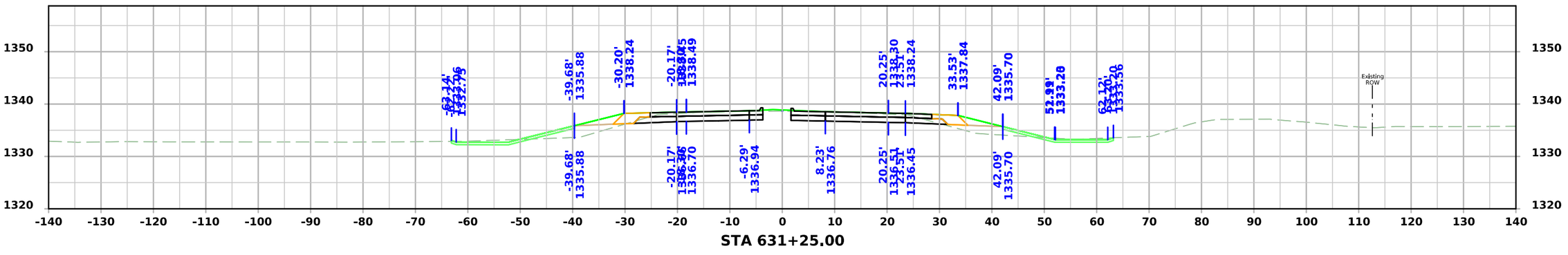
US 18



STA 631+75.00



STA 631+50.00

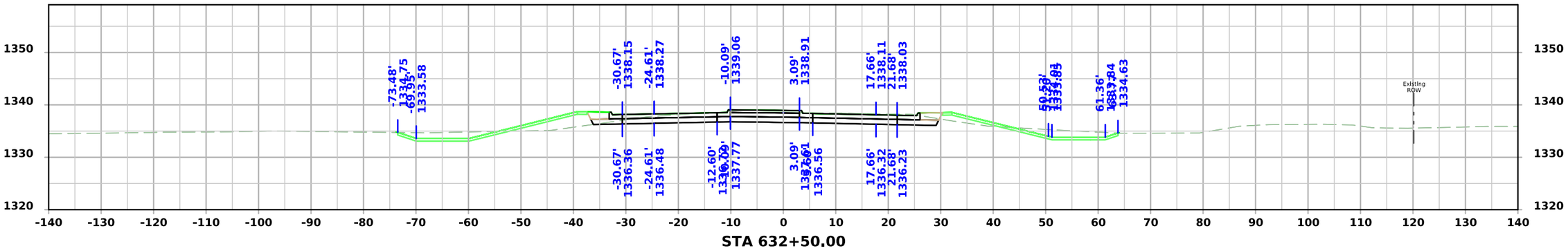


STA 631+25.00

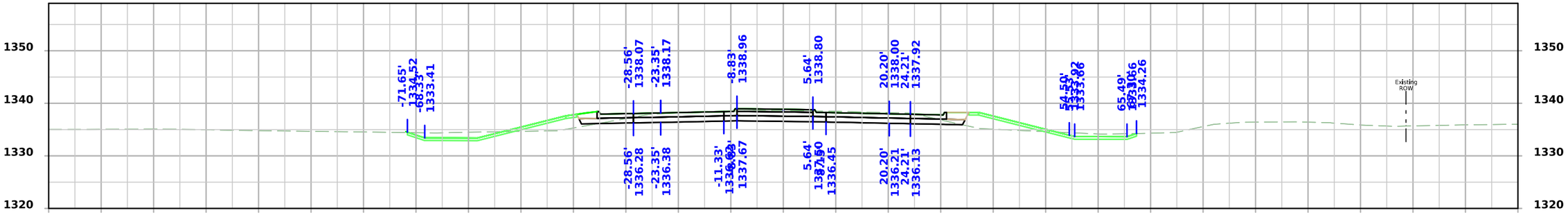
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.9

2:43:09 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W01.dgn

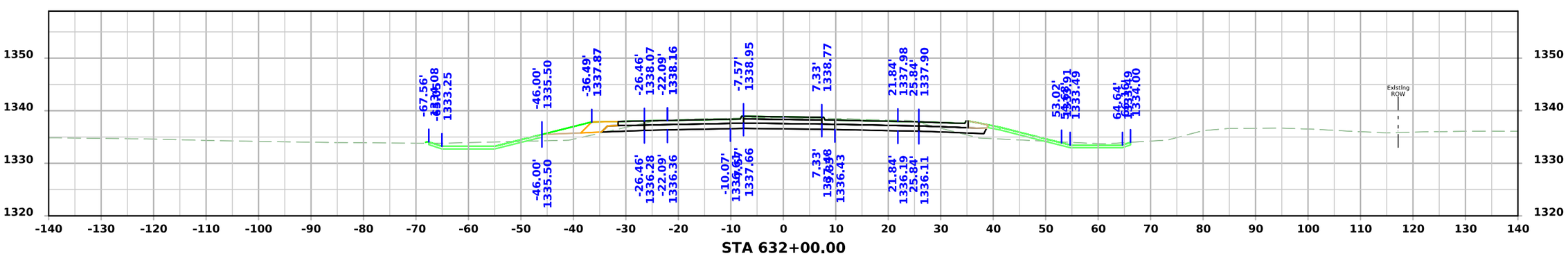
US 18



STA 632+50.00



STA 632+25.00

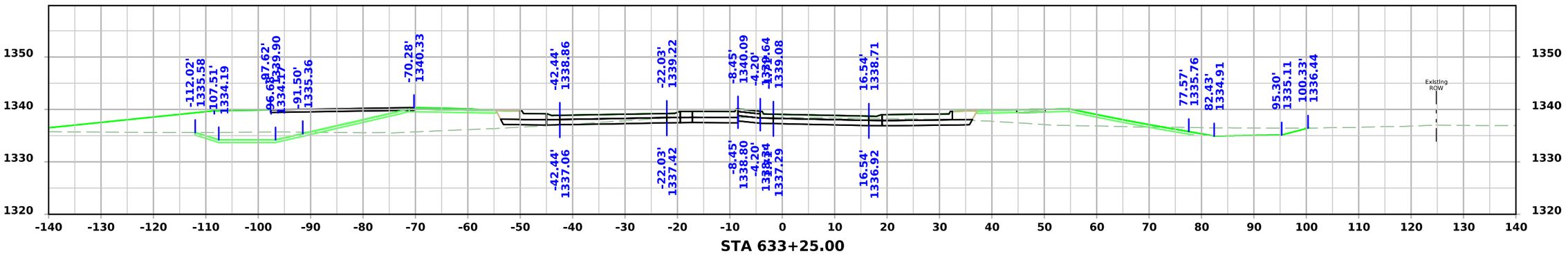


STA 632+00.00

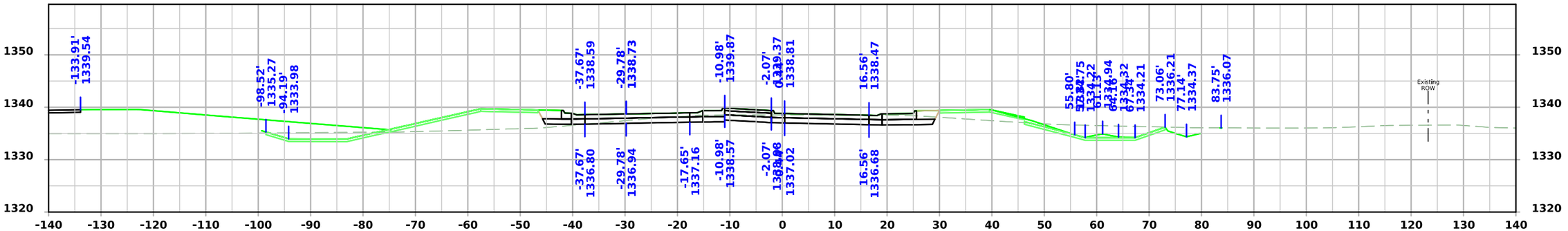
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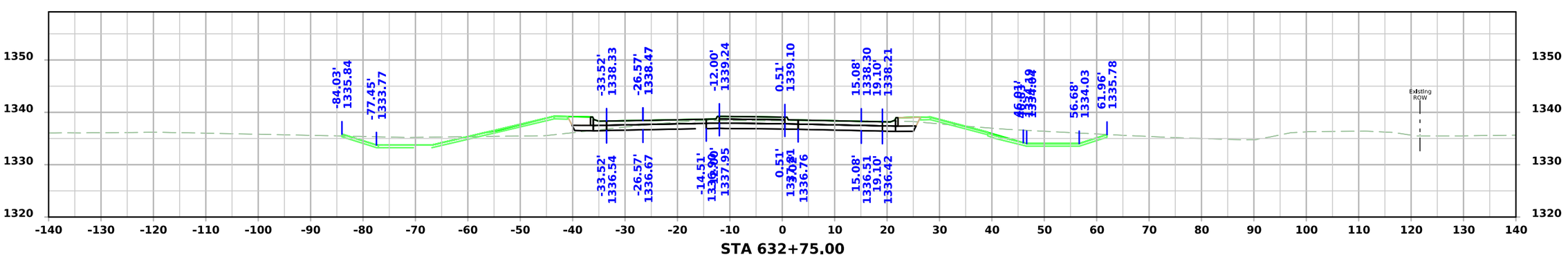
US 18



STA 633+25.00



STA 633+00.00

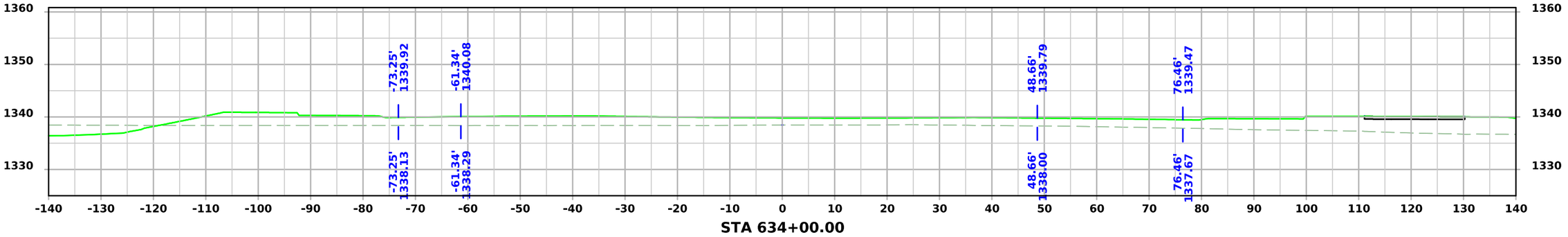


STA 632+75.00

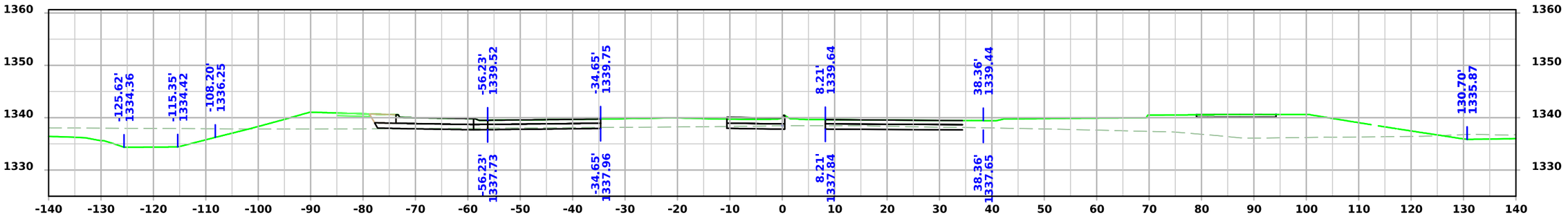
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.11

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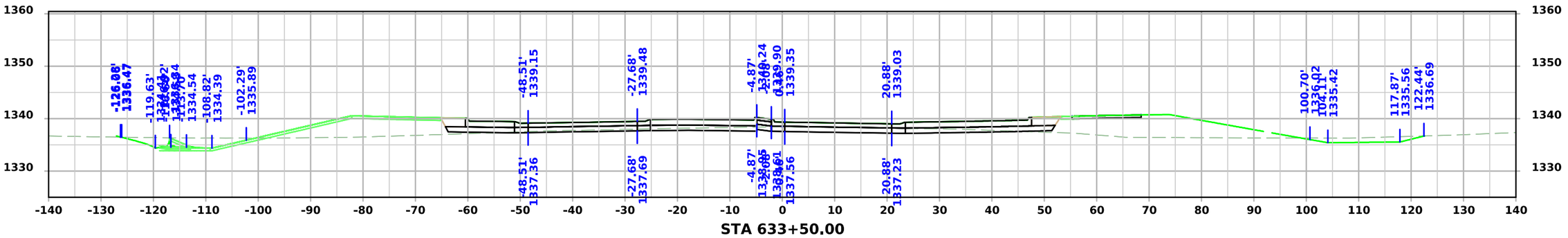
US 18



STA 634+00.00



STA 633+75.00

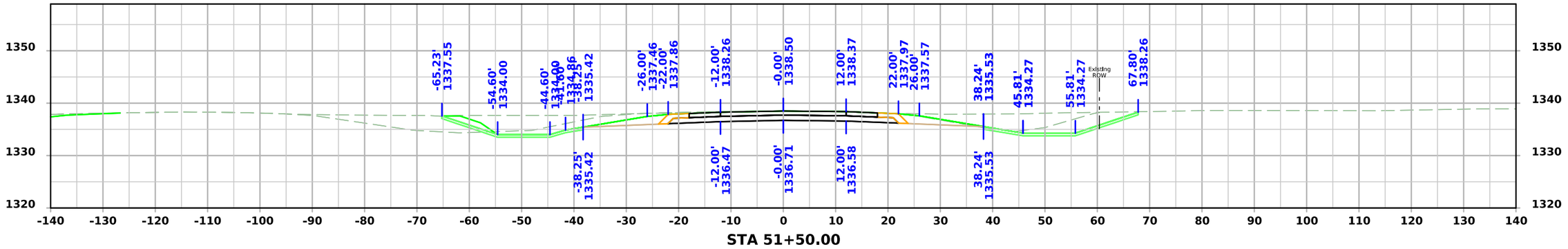


STA 633+50.00

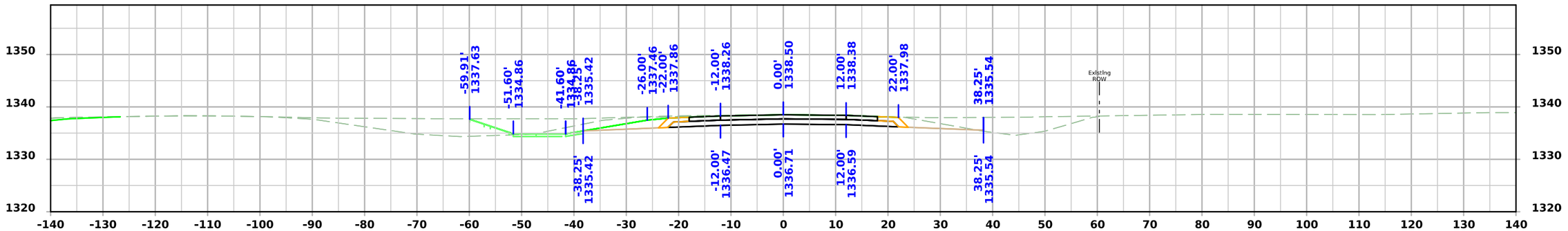
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.12

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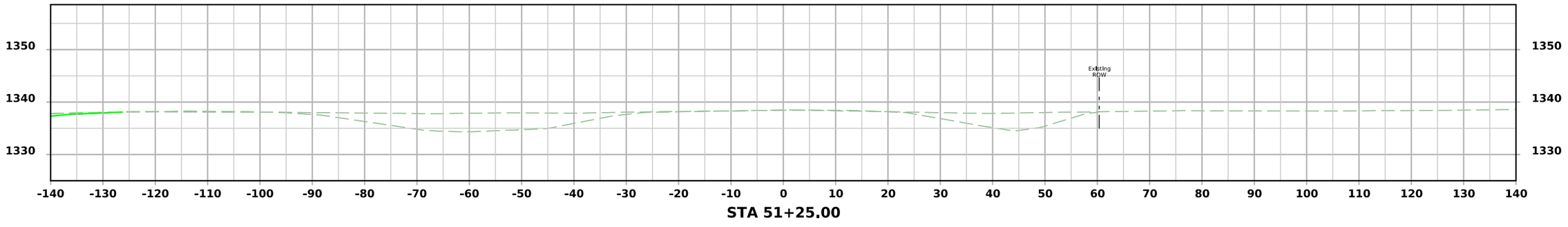
US 71 NB



STA 51+50.00



STA 51+47.09

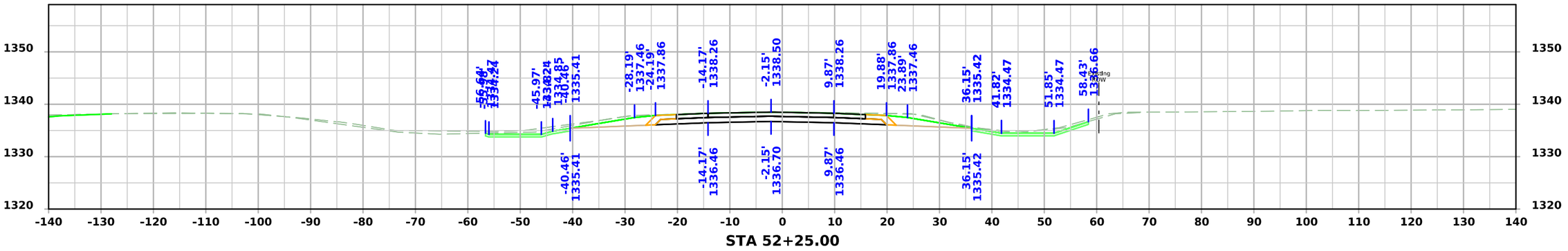


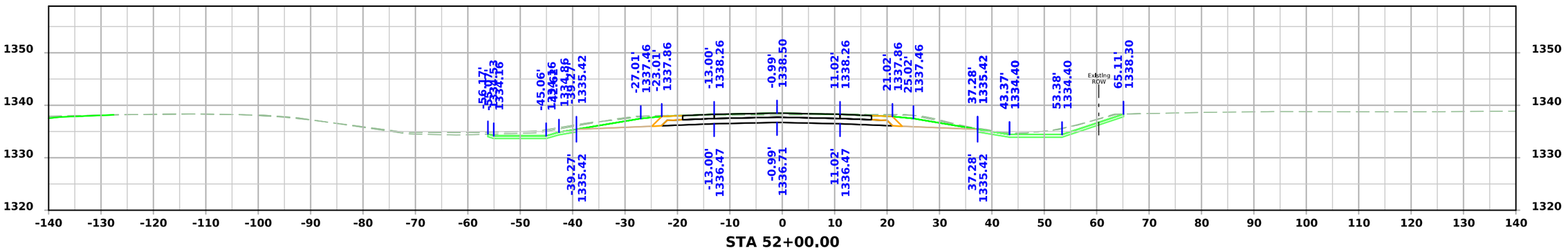
STA 51+25.00

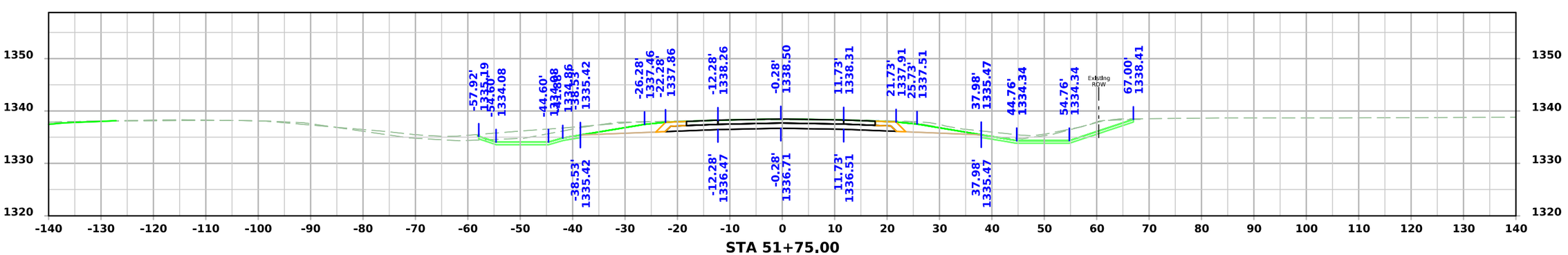
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.13

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US 71 NB



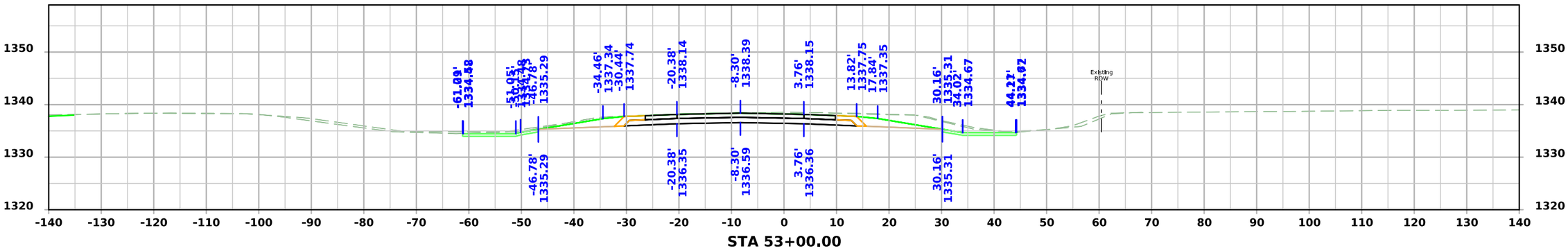




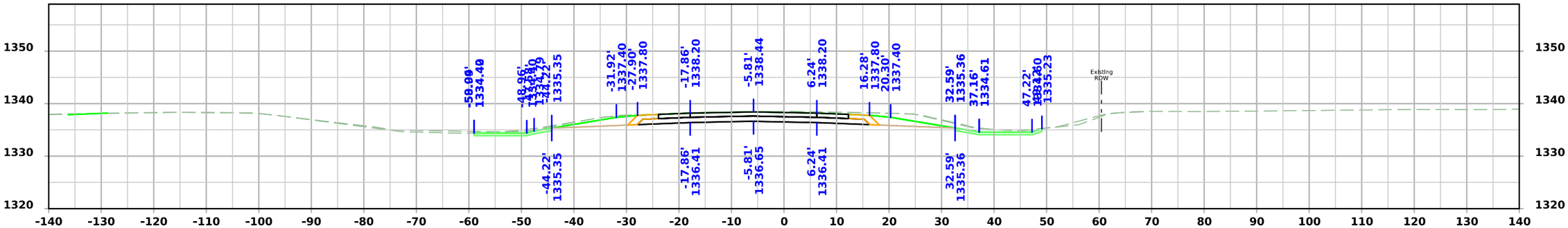
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.14

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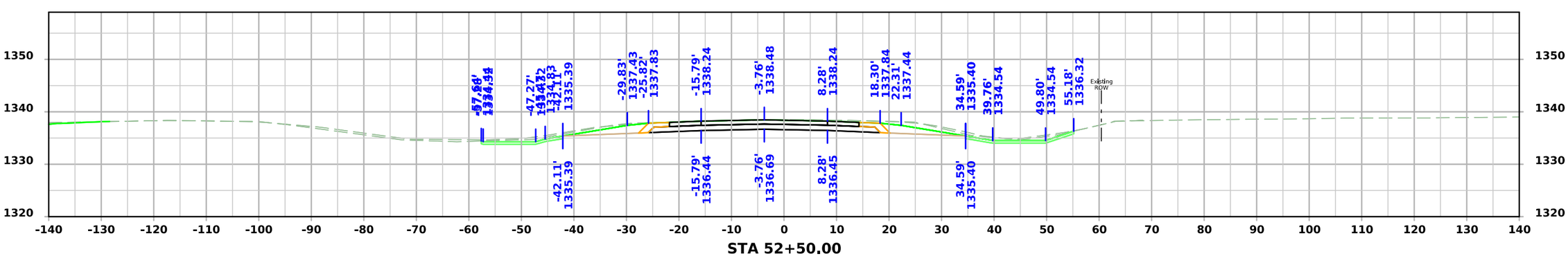
US 71 NB



STA 53+00.00



STA 52+75.00

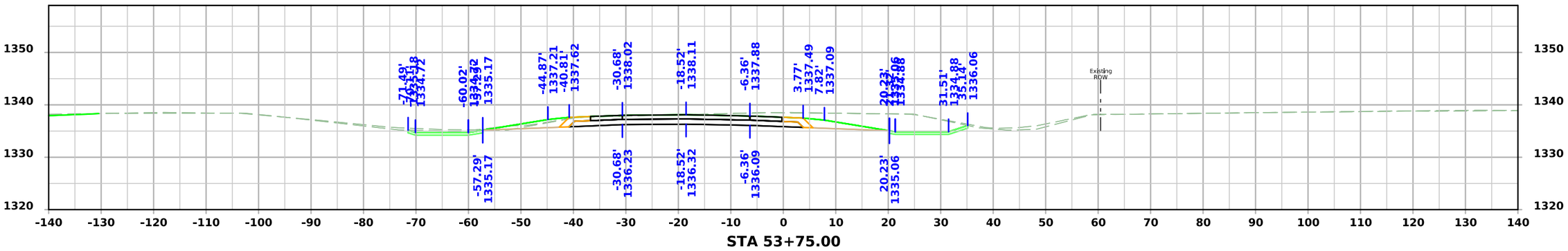


STA 52+50.00

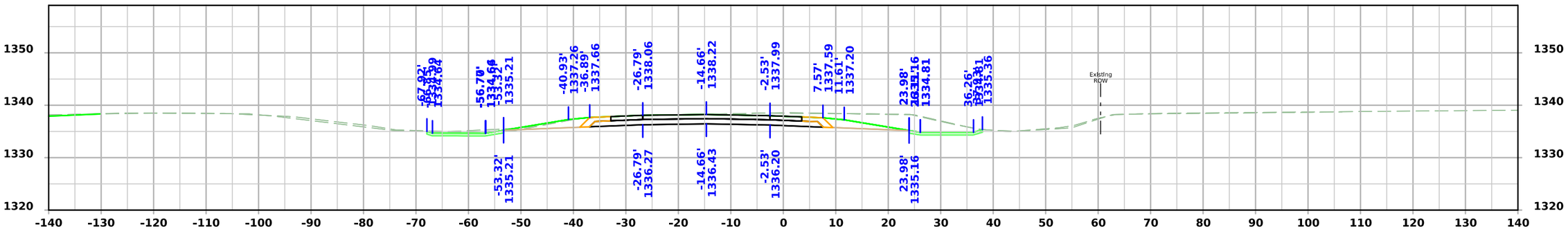
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.15

2:43:27 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

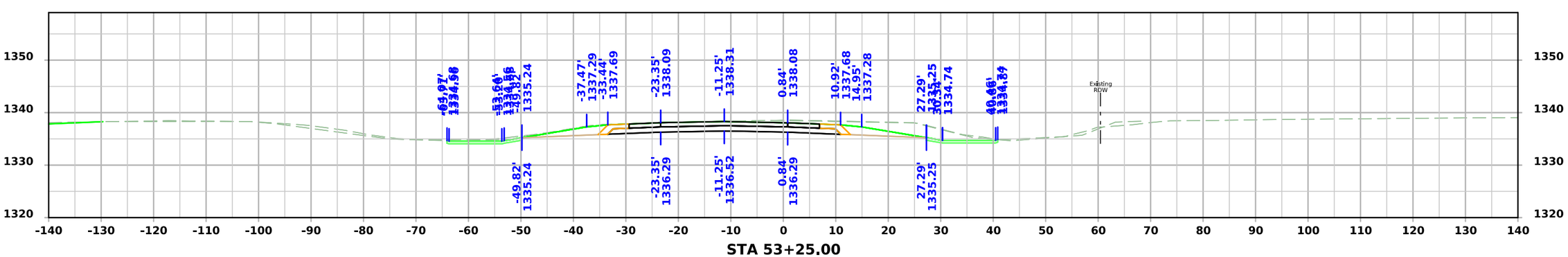
US 71 NB



STA 53+75.00



STA 53+50.00

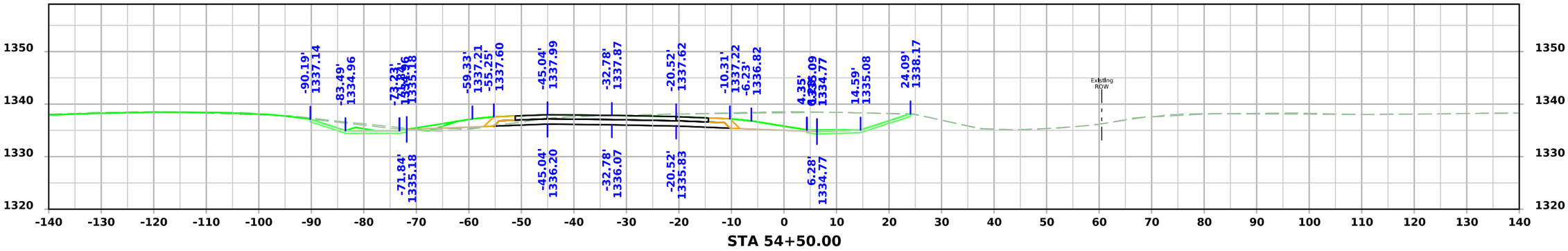


STA 53+25.00

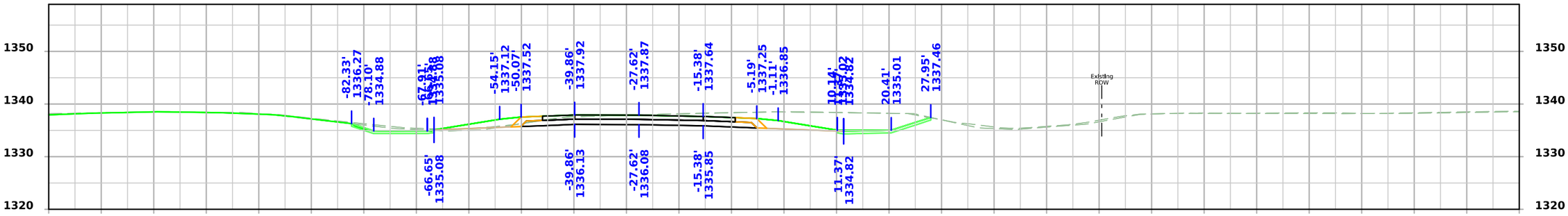
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.16

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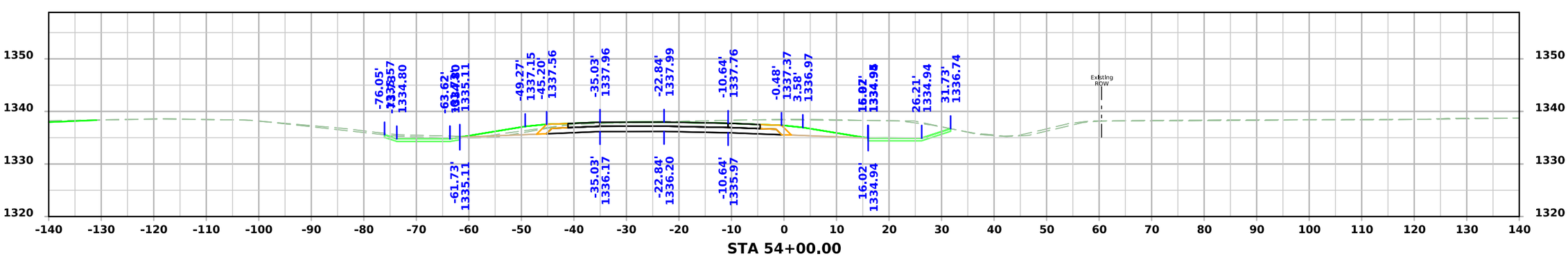
US 71 NB



STA 54+50.00



STA 54+25.00

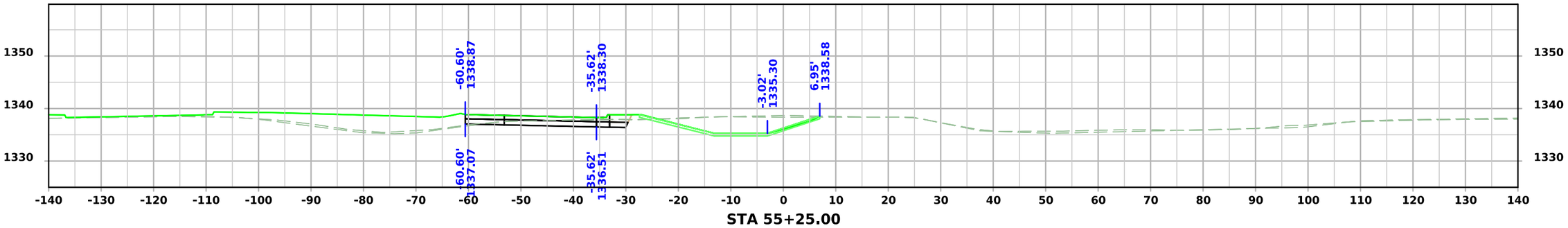


STA 54+00.00

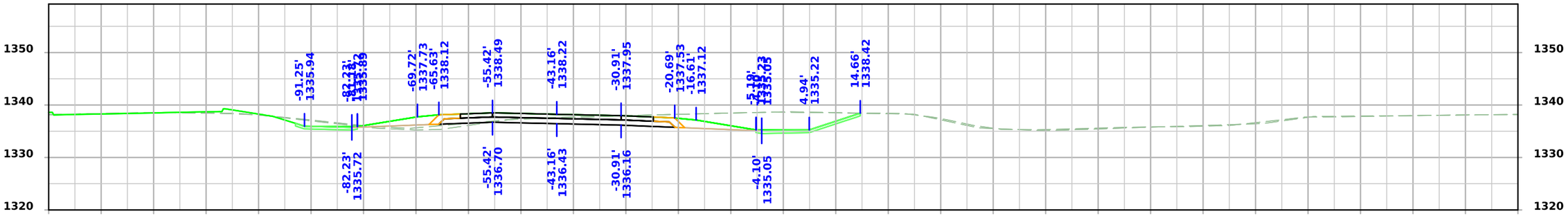
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.17

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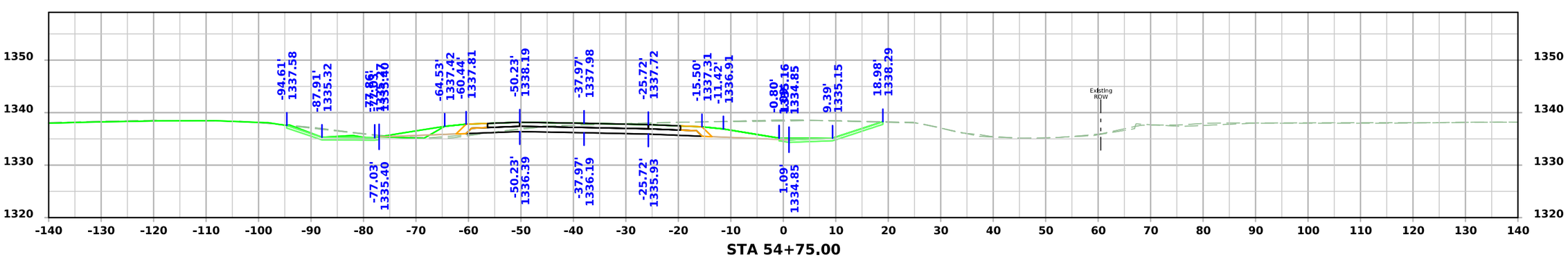
US 71 NB



STA 55+25.00



STA 55+00.00

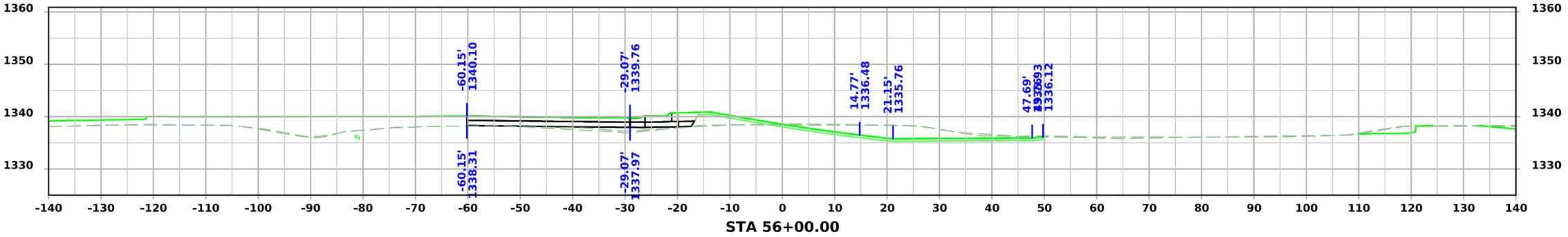


STA 54+75.00

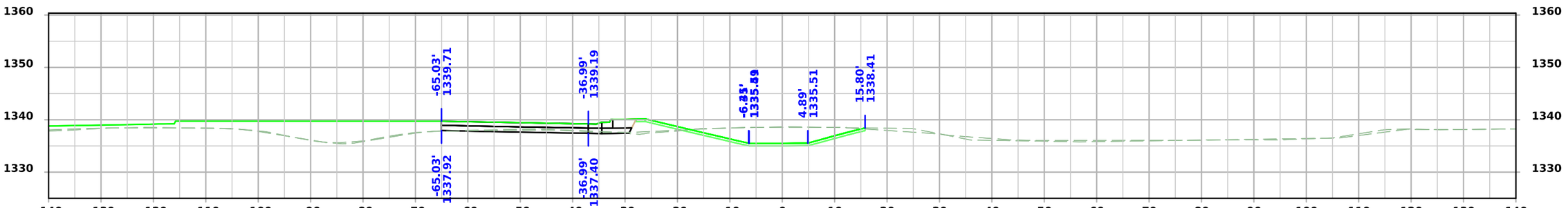
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.18

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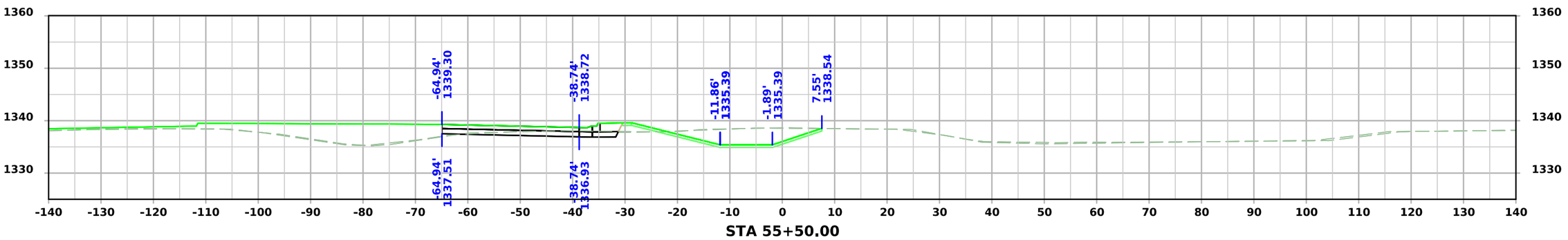
US 71 NB



STA 56+00.00



STA 55+75.00

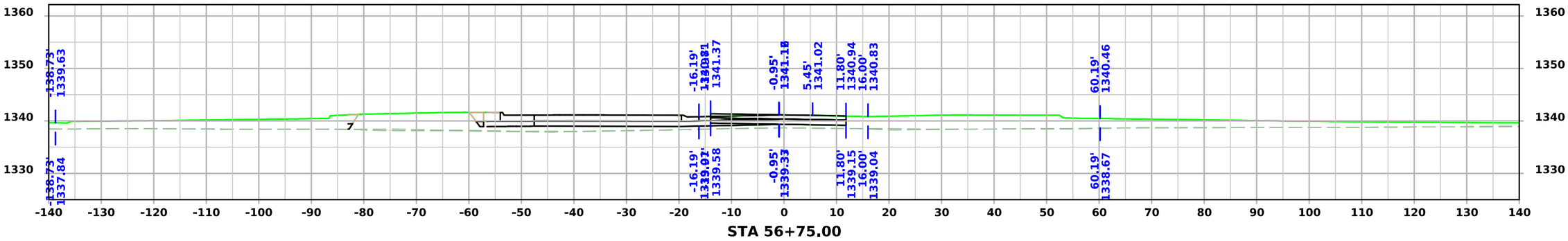


STA 55+50.00

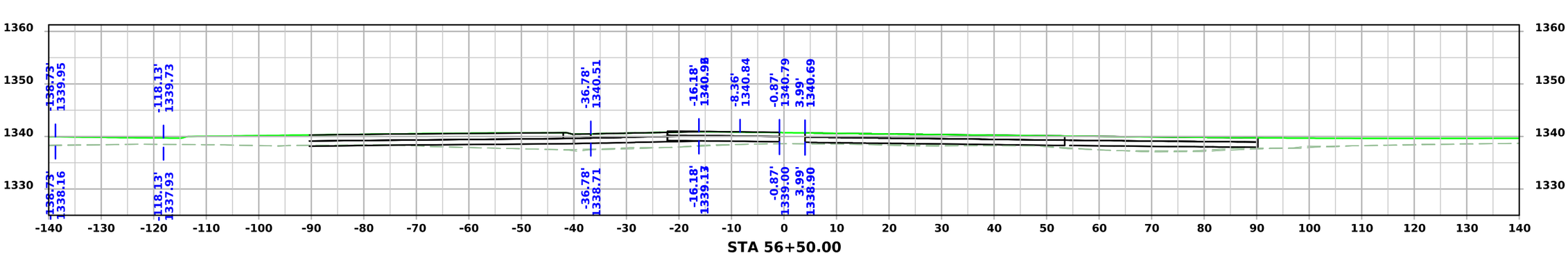
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.19

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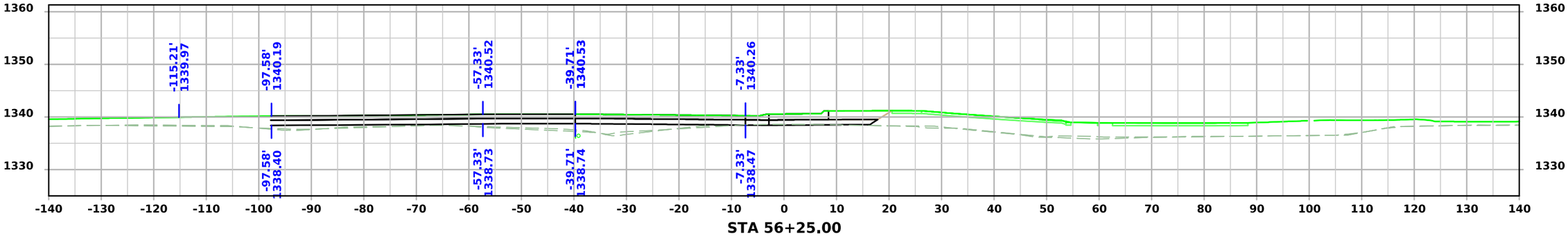
US 71 NB



STA 56+75.00



STA 56+50.00

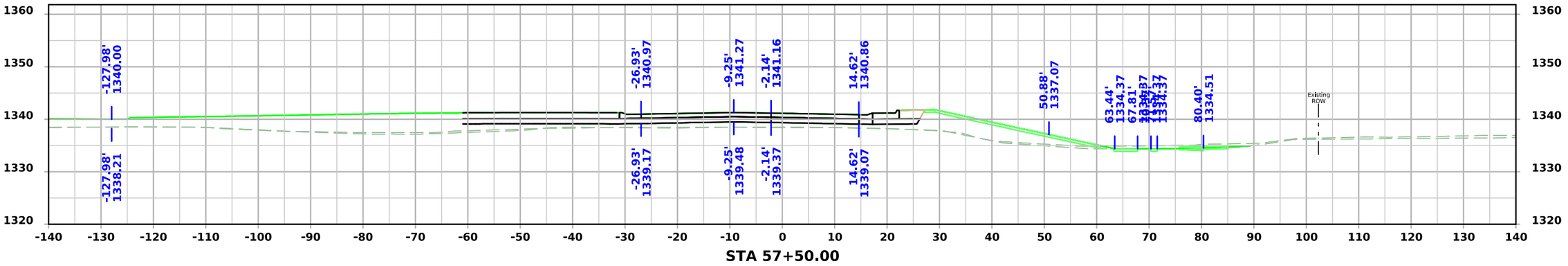


STA 56+25.00

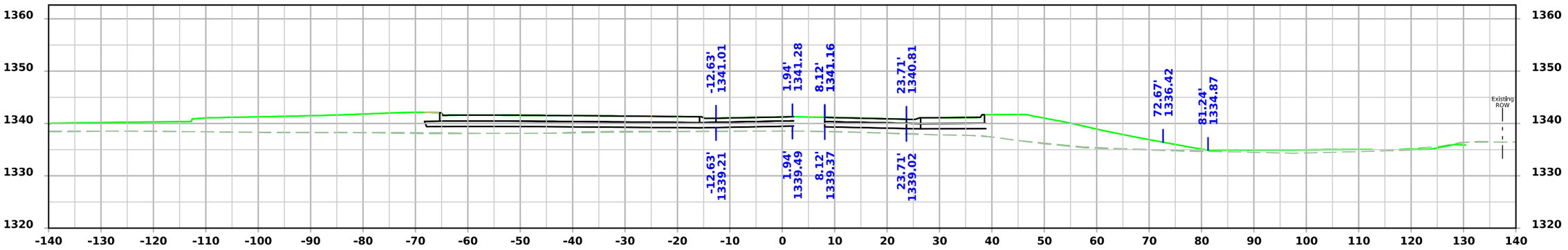
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.20

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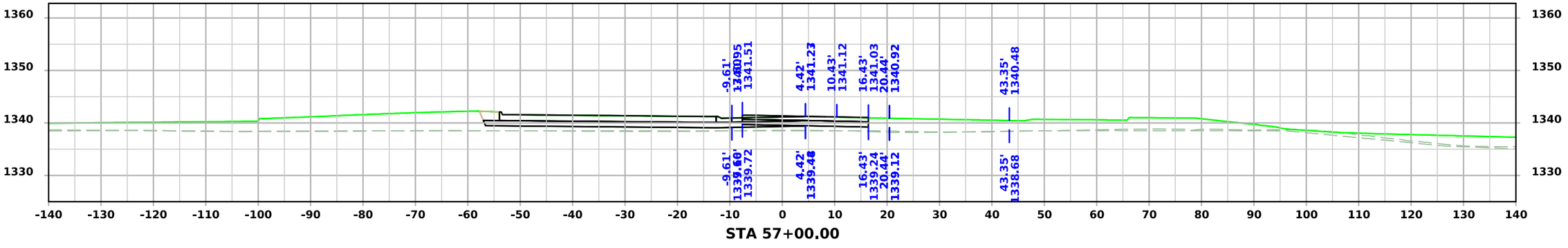
US 71 NB



STA 57+50.00



STA 57+25.00

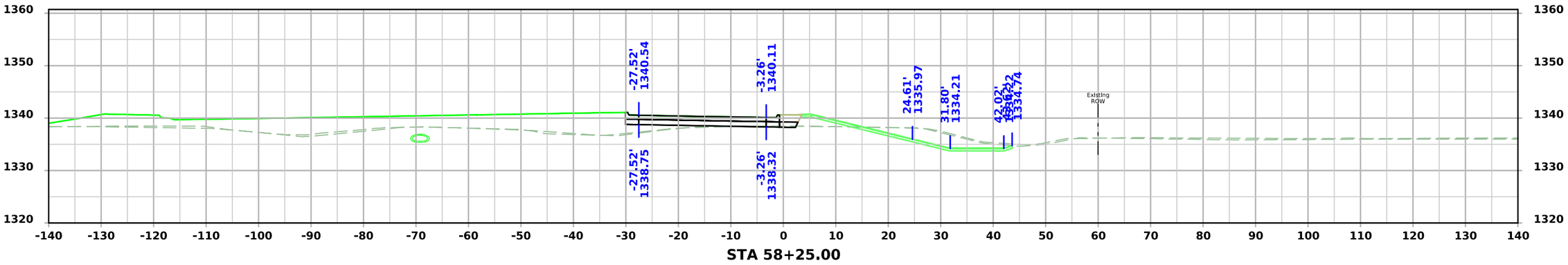


STA 57+00.00

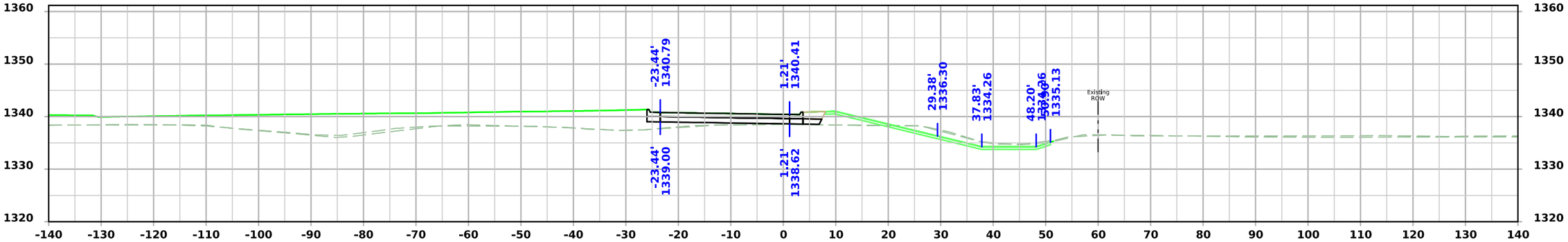
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.21

2:43:36 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

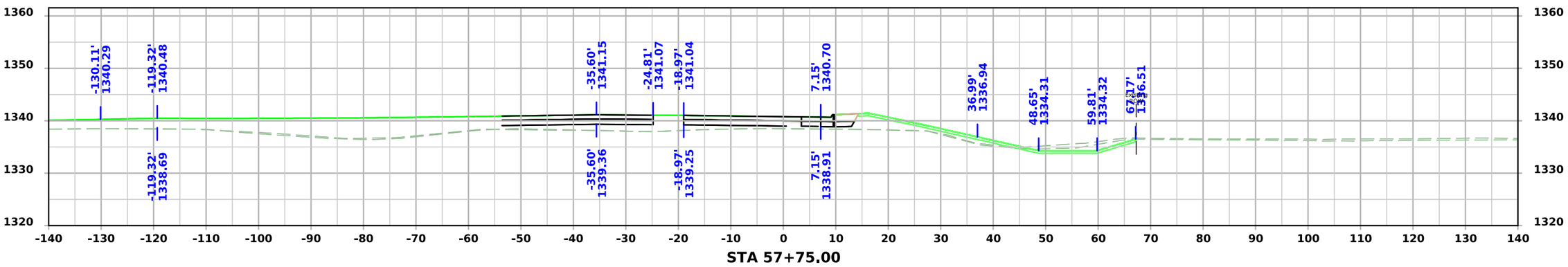
US 71 NB



STA 58+25.00



STA 58+00.00

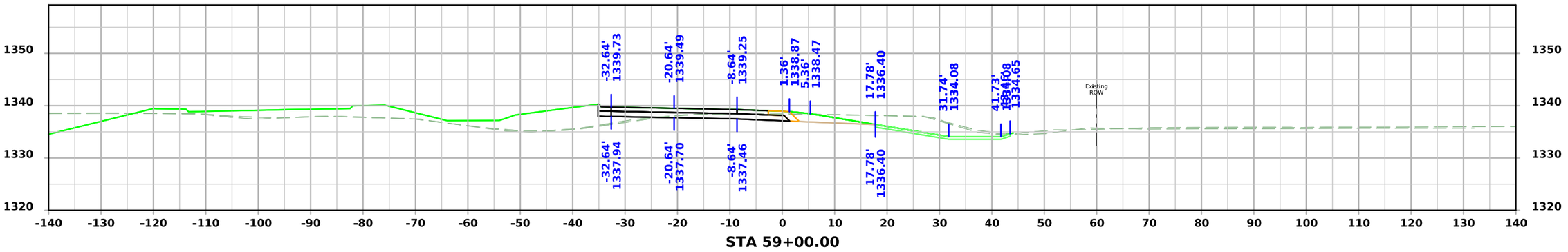


STA 57+75.00

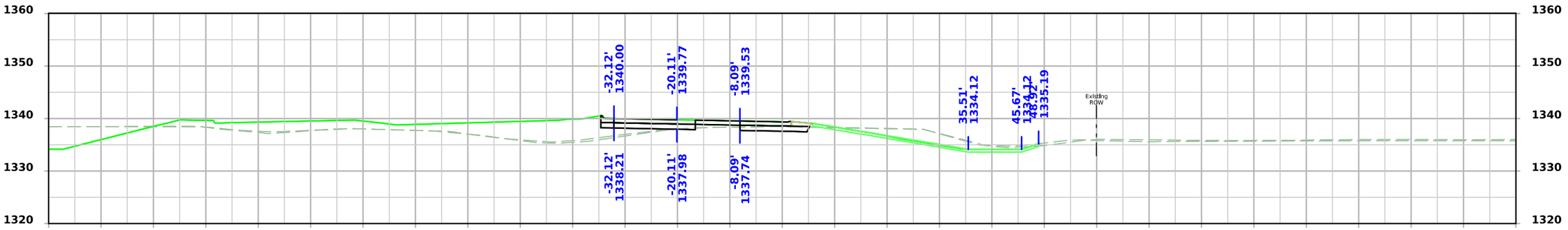
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.22

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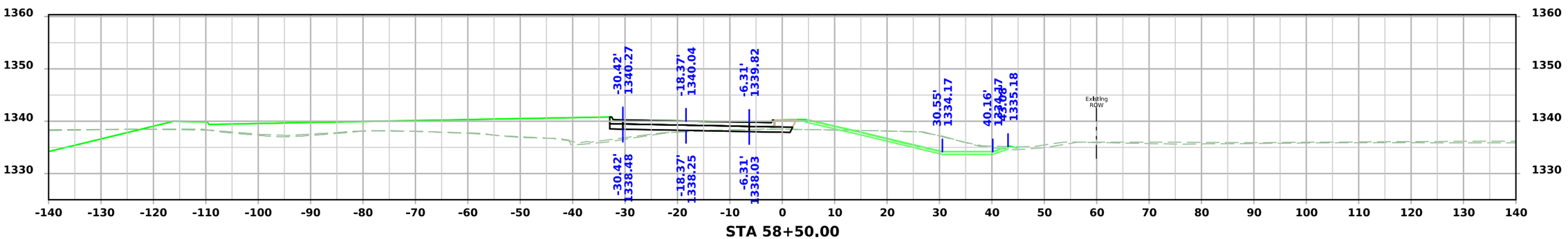
US 71 NB



STA 59+00.00



STA 58+75.00

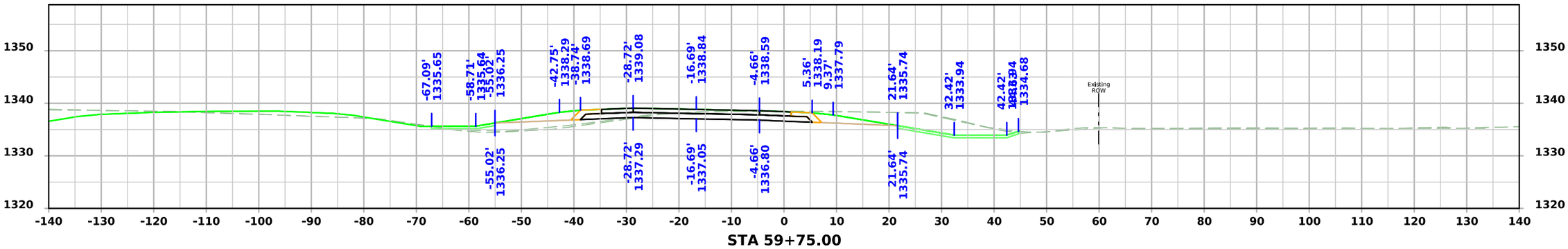


STA 58+50.00

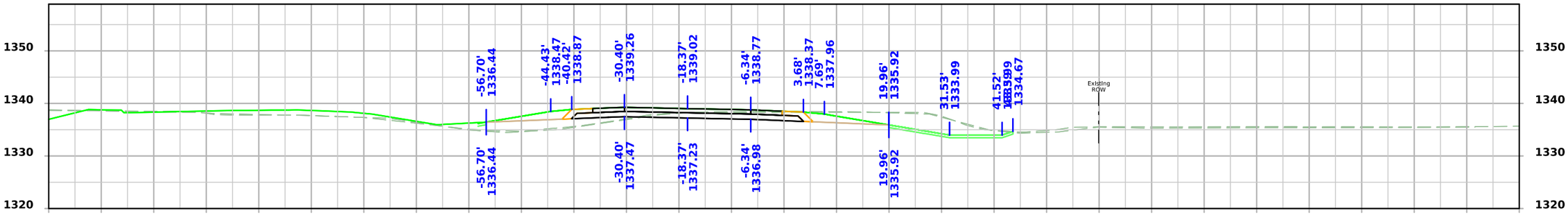
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.23

2:43:38 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

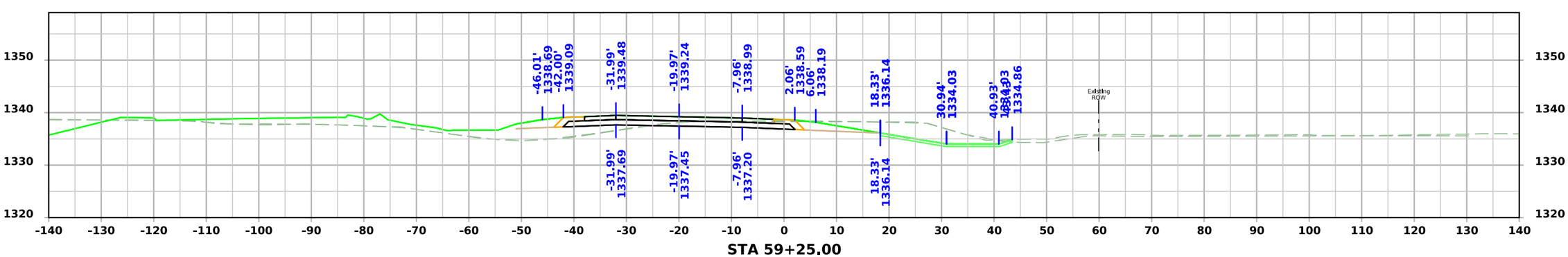
US 71 NB



STA 59+75.00



STA 59+50.00

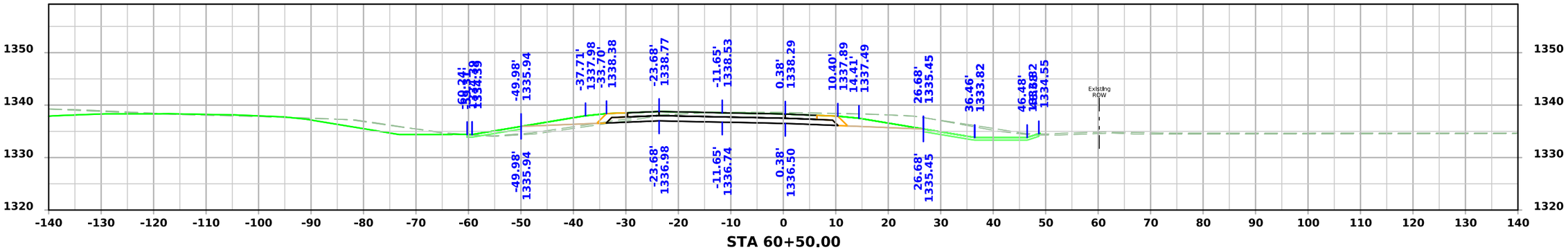


STA 59+25.00

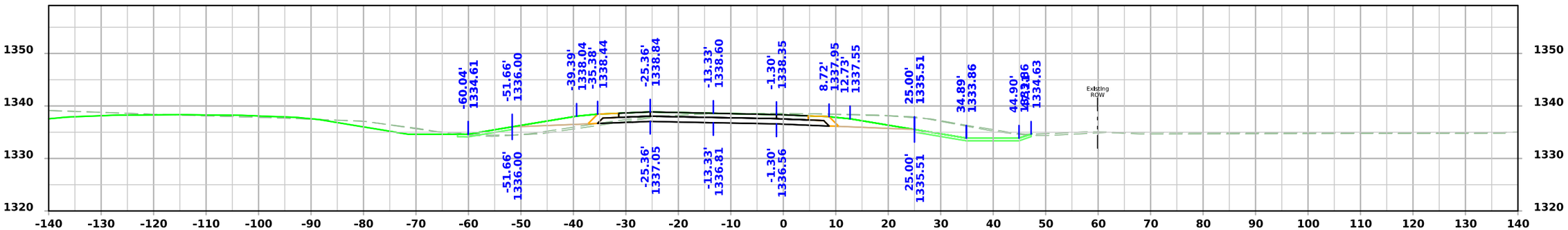
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.24

2:43:40 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

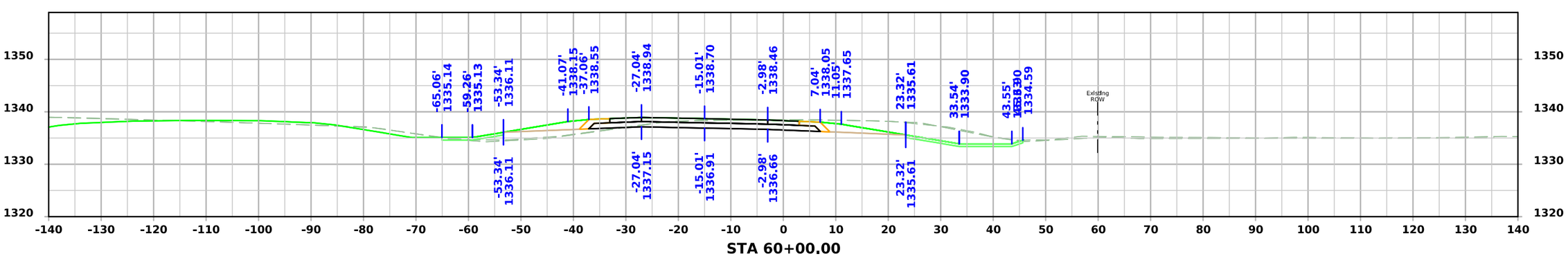
US 71 NB



STA 60+50.00



STA 60+25.00

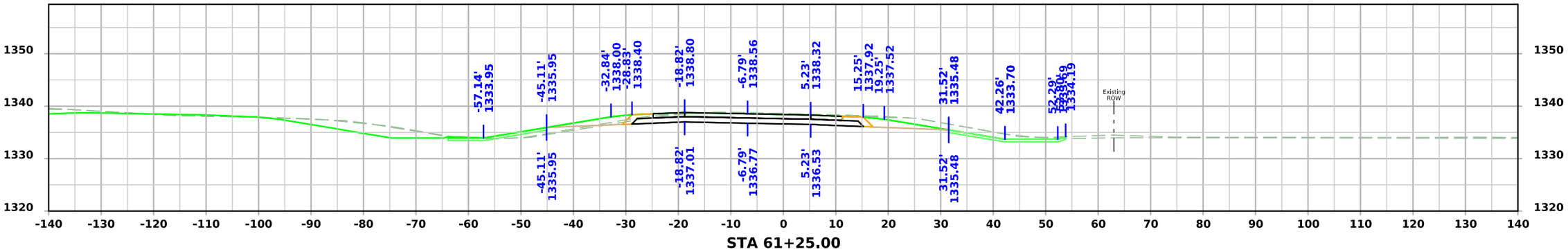


STA 60+00.00

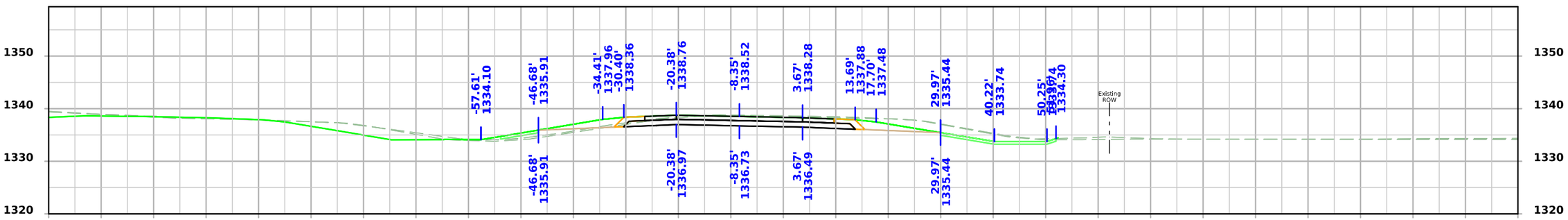
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.25

2:43:41 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

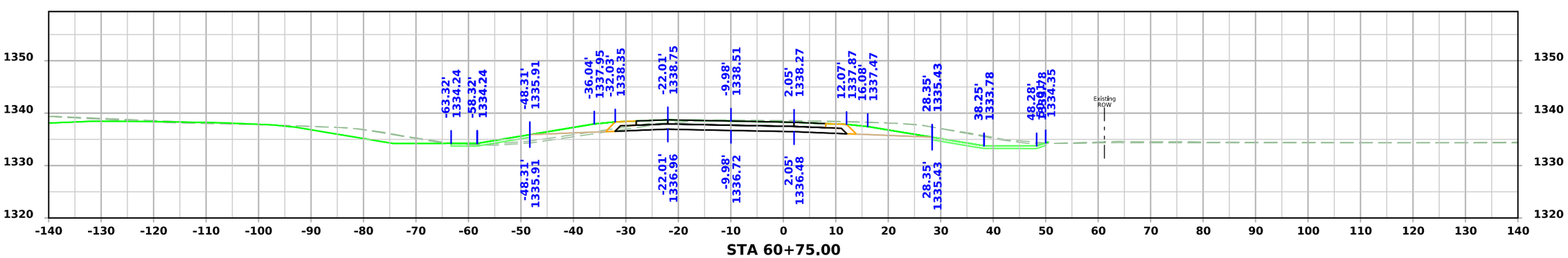
US 71 NB



STA 61+25.00



STA 61+00.00

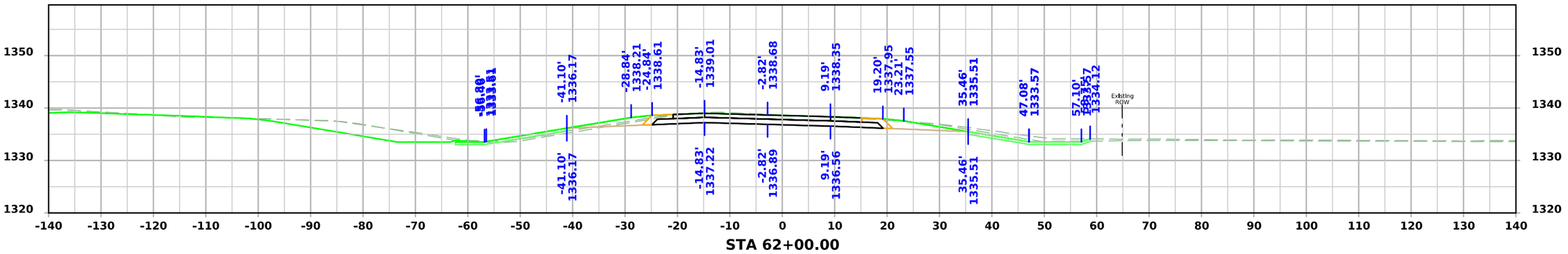


STA 60+75.00

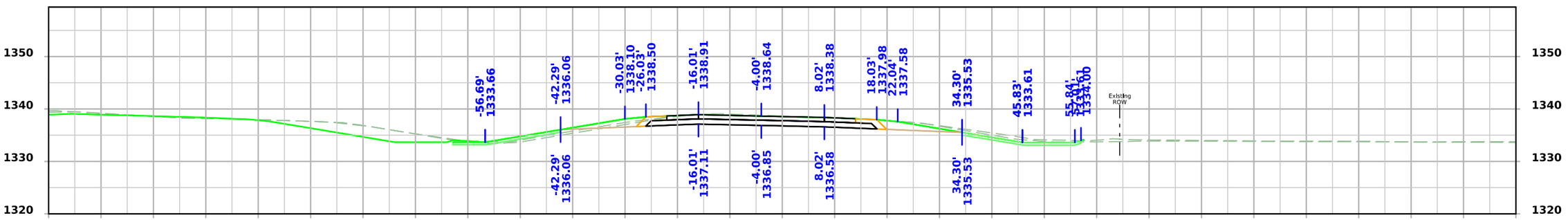
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.26

2:43:42 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

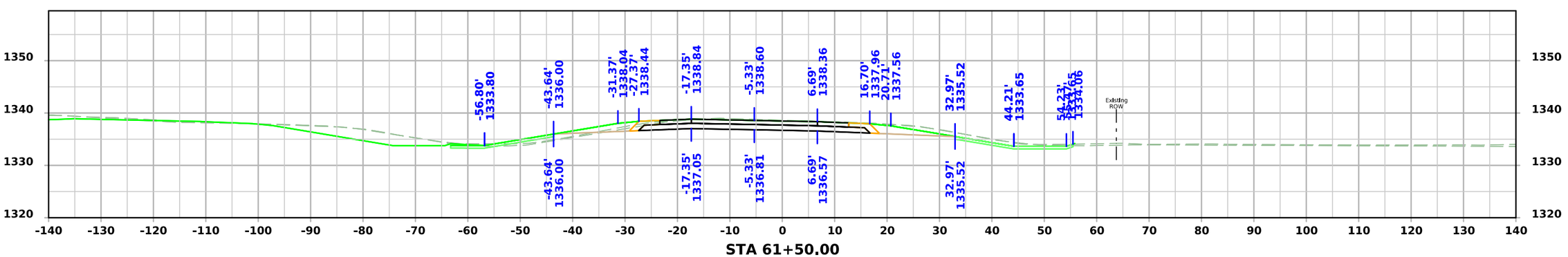
US 71 NB



STA 61+50.00



STA 61+75.00

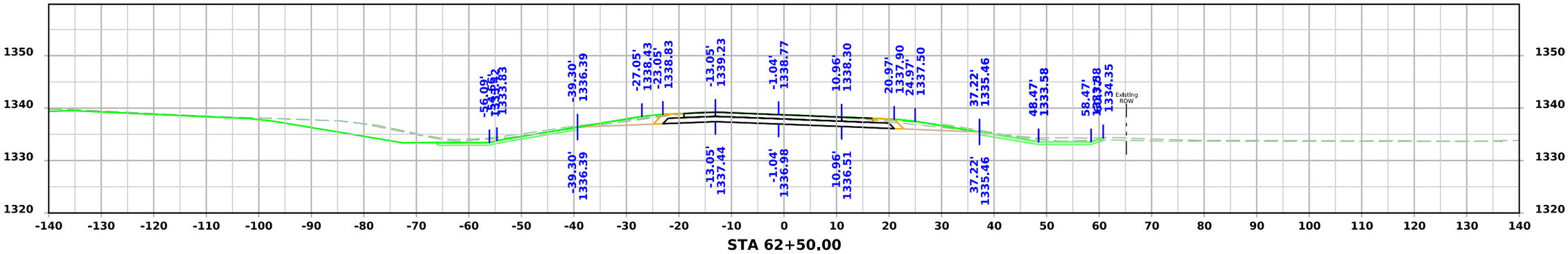


STA 62+00.00

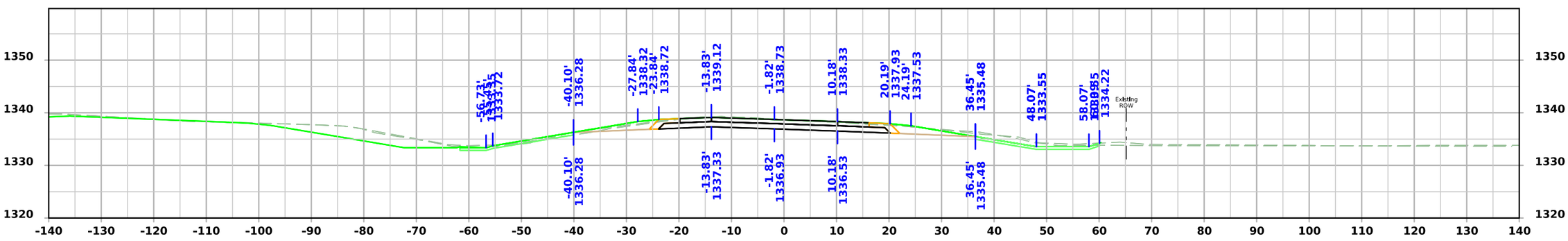
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.27

2:43:43 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

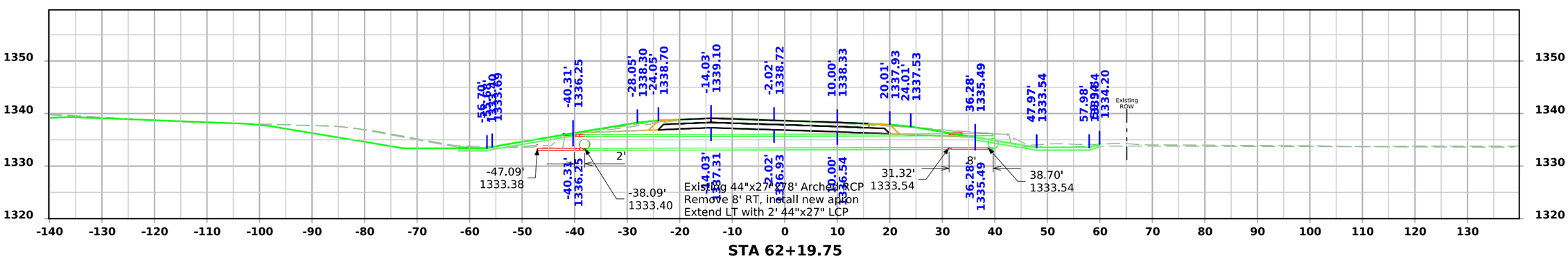
US 71 NB



STA 62+50.00



STA 62+25.00

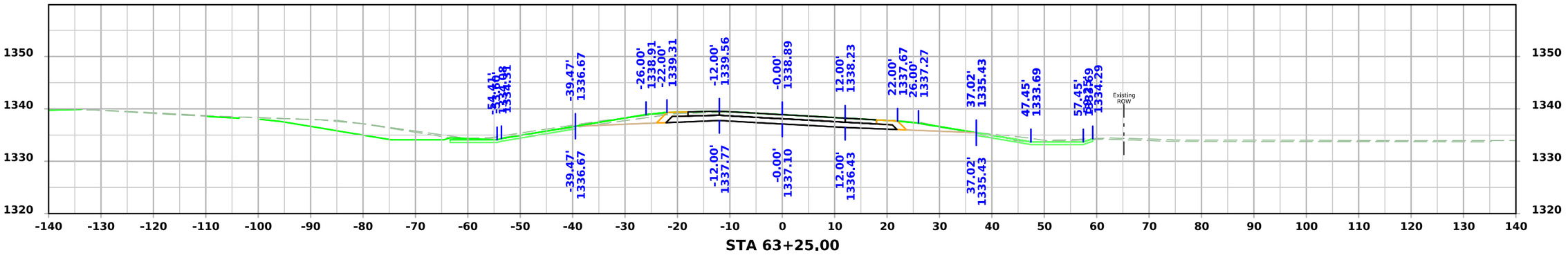


STA 62+19.75

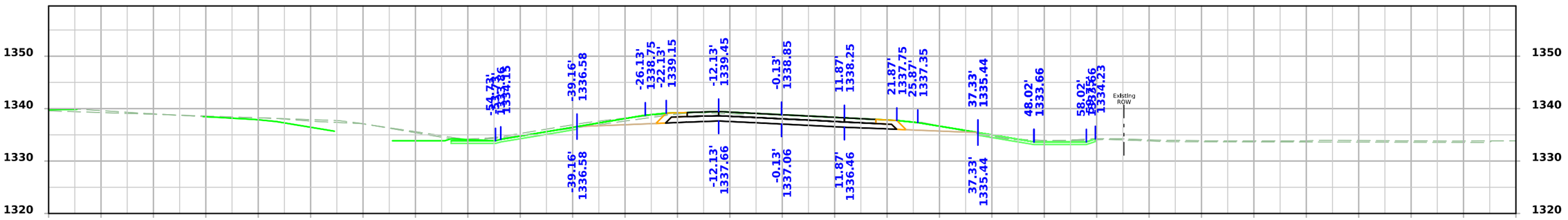
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.28

2:43:46 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

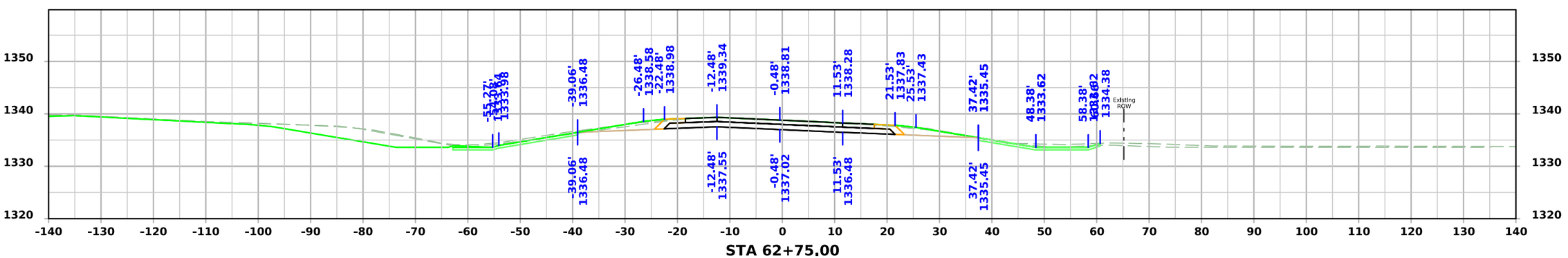
US 71 NB



STA 63+25.00



STA 63+00.00

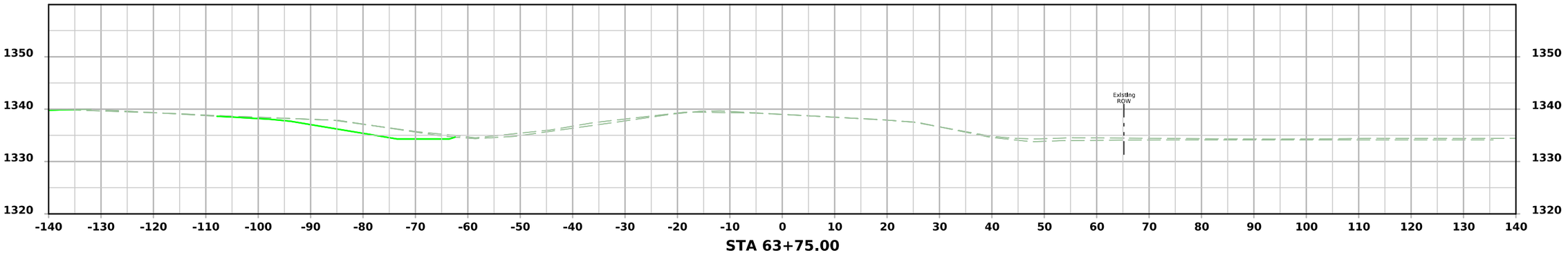


STA 62+75.00

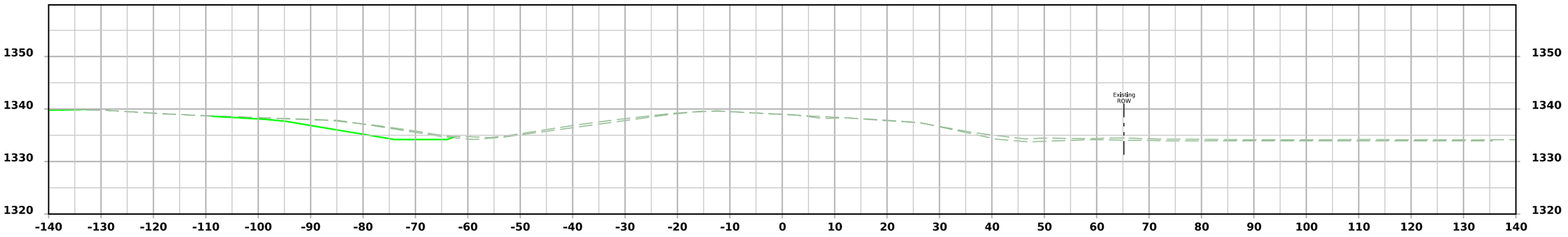
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.29

2:43:47 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

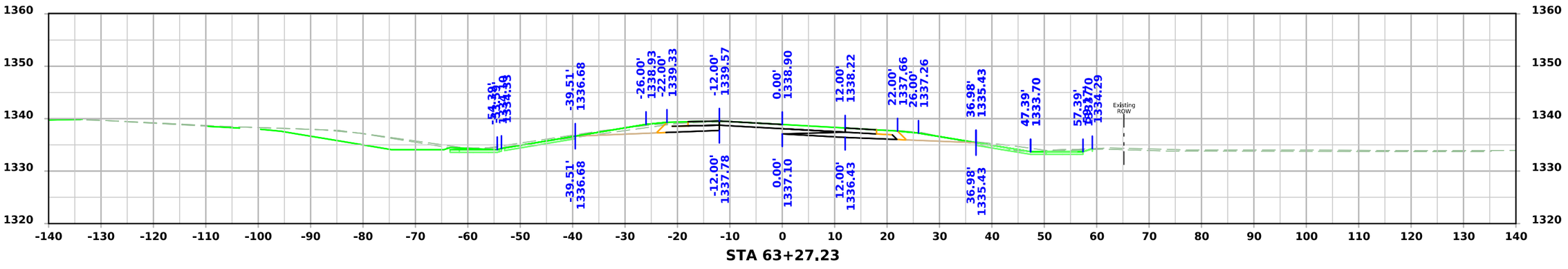
US 71 NB



STA 63+75.00



STA 63+50.00

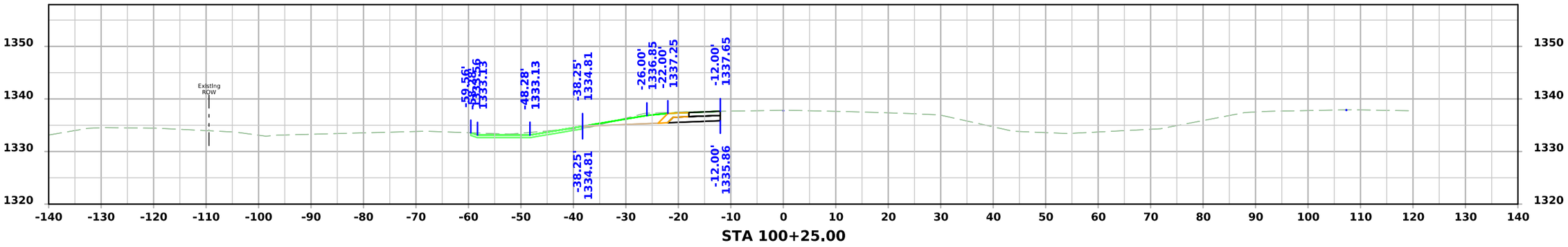


STA 63+27.23

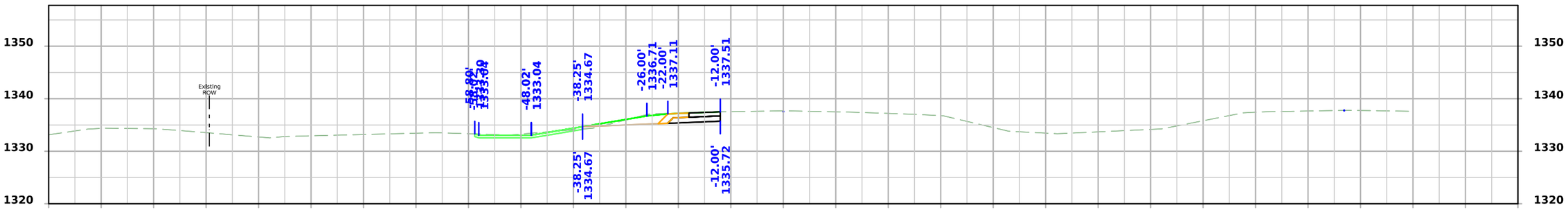
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.30

2:43:48 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W02.dgn

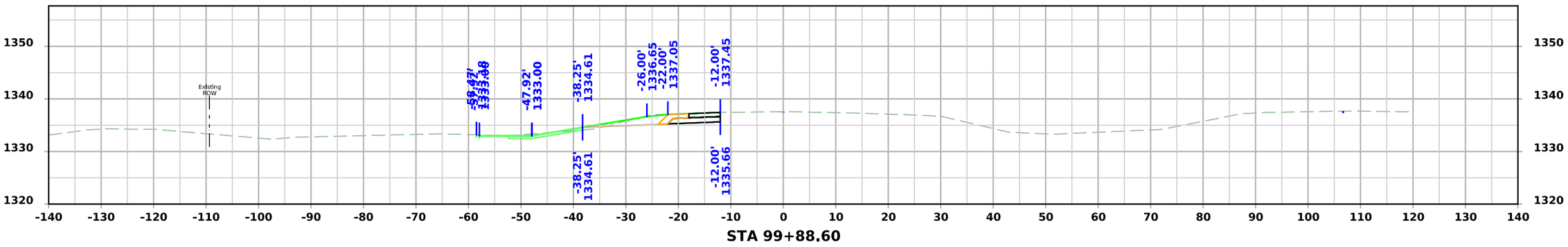
US 71 SB



STA 100+25.00



STA 100+00.00

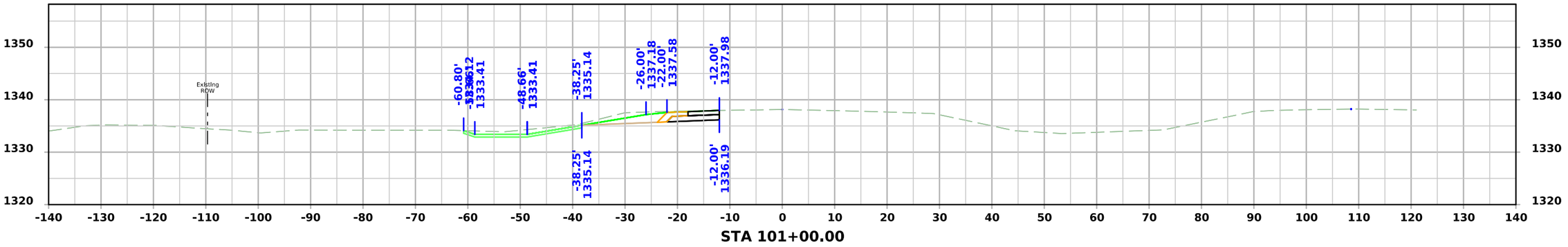


STA 99+88.60

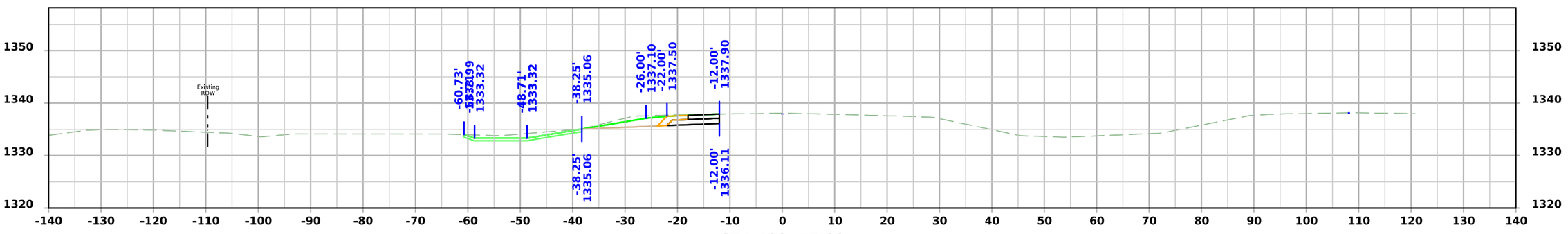
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.31

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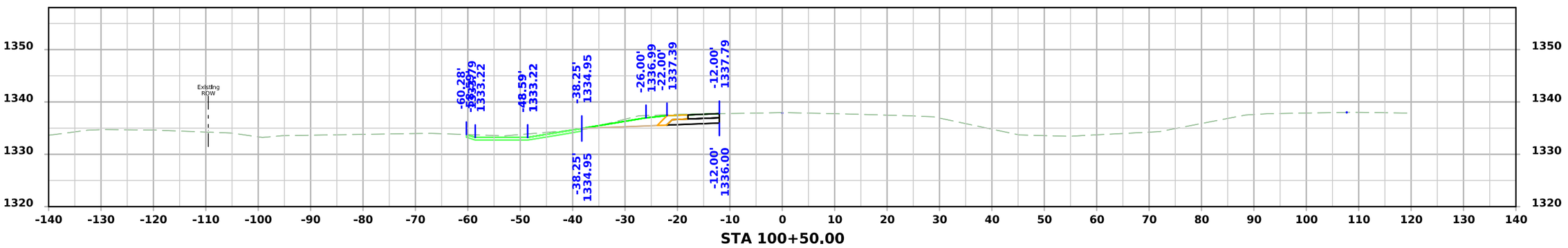
US 71 SB



STA 101+00.00



STA 100+75.00

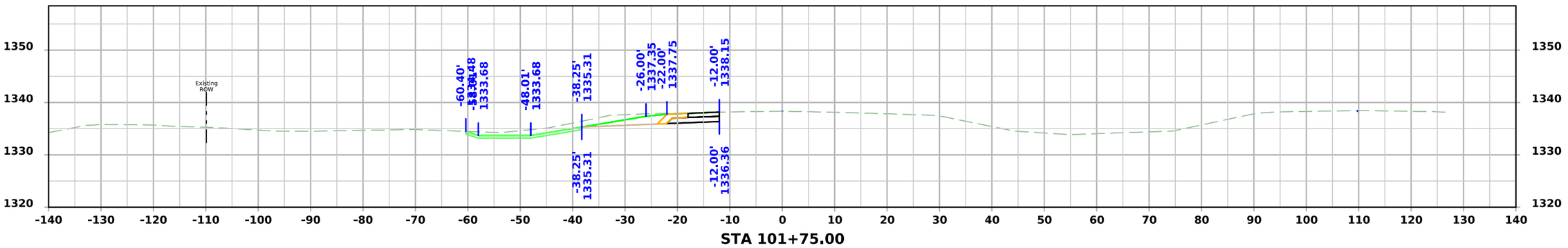


STA 100+50.00

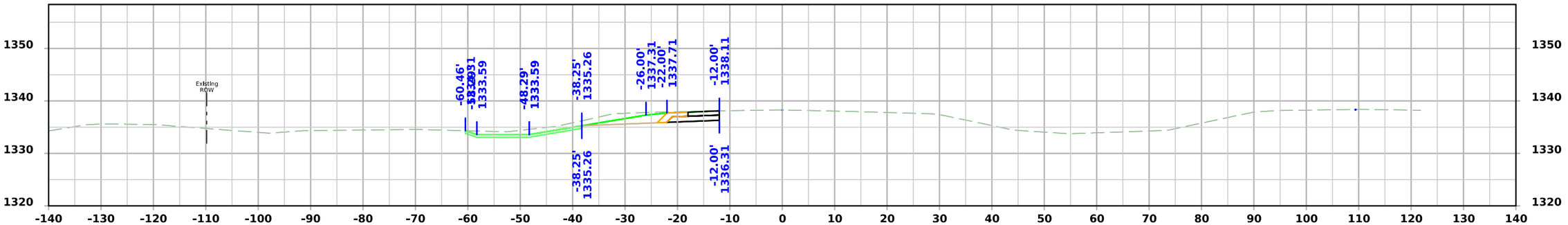
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.32

2:44:03 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

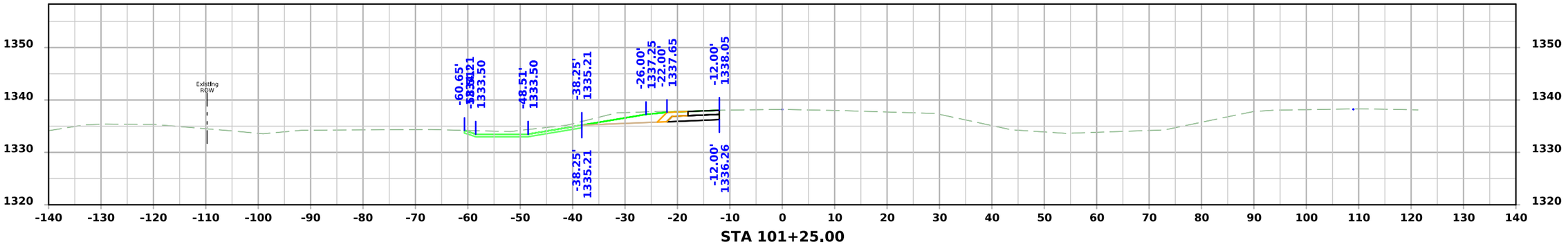
US 71 SB



STA 101+75.00



STA 101+50.00

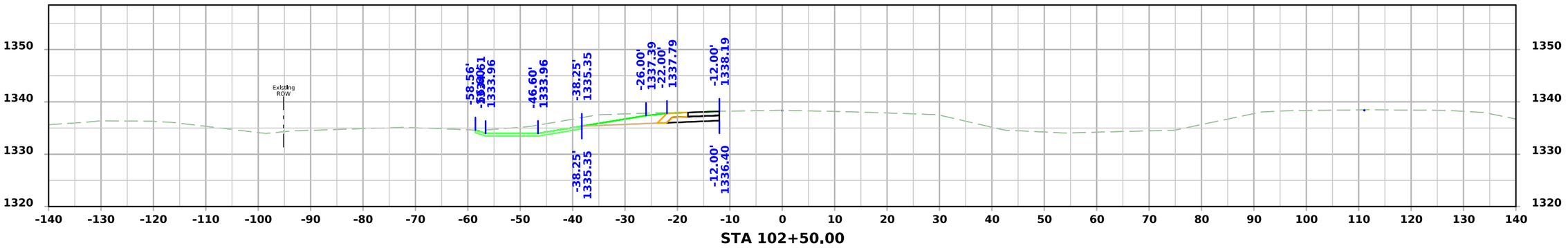


STA 101+25.00

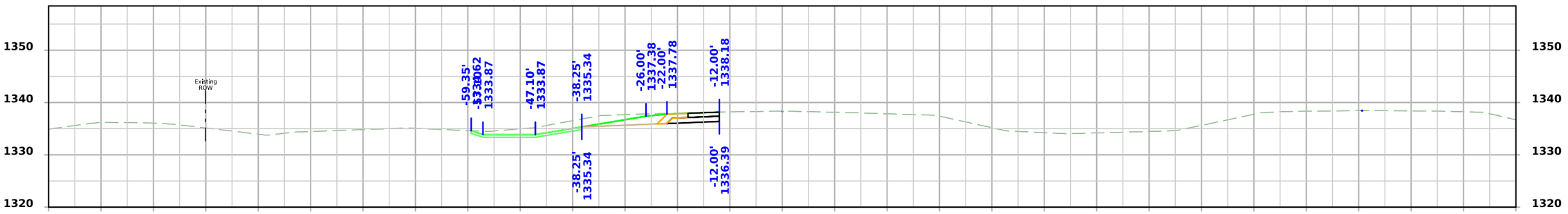
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.33

2:44:04 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

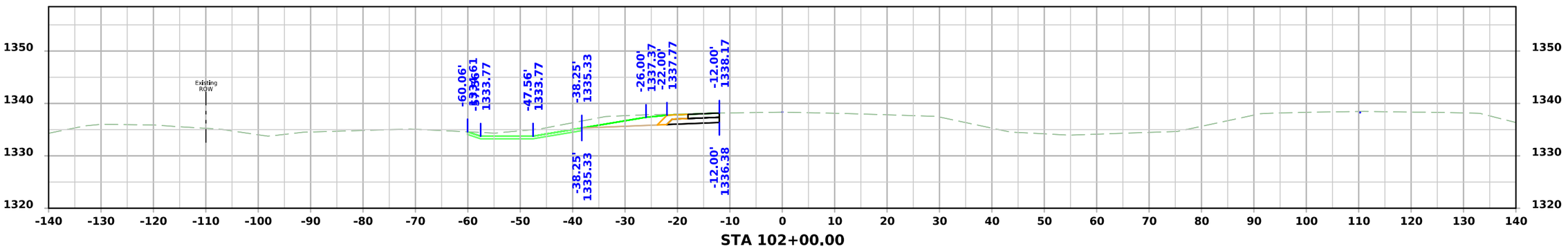
US 71 SB



STA 102+50.00



STA 102+25.00

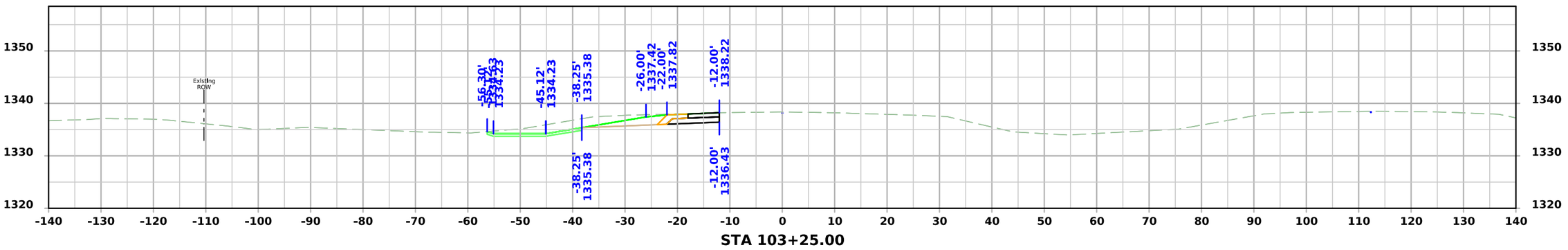


STA 102+00.00

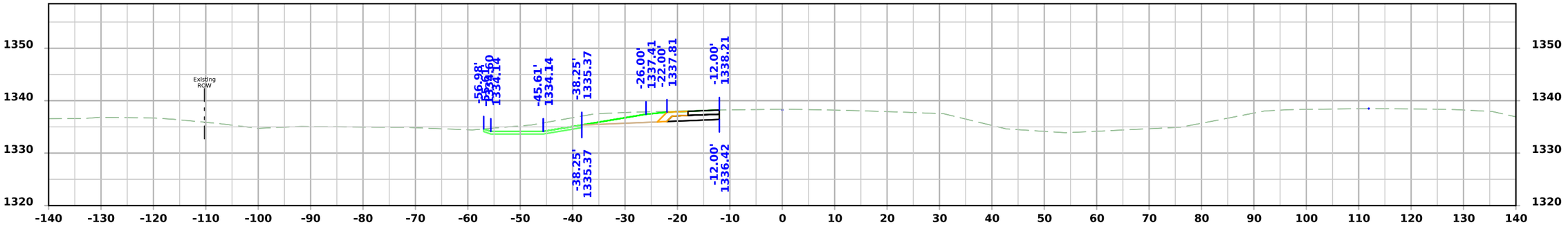
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.34

2:44:05 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

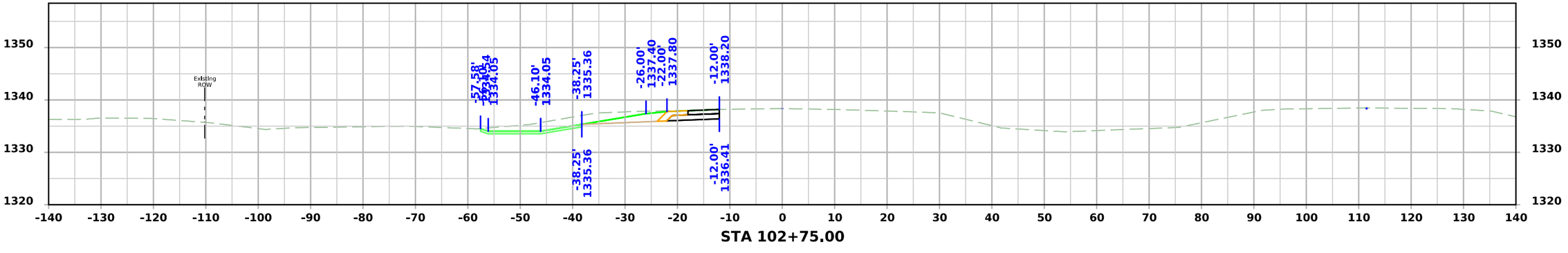
US 71 SB



STA 103+25.00



STA 103+00.00

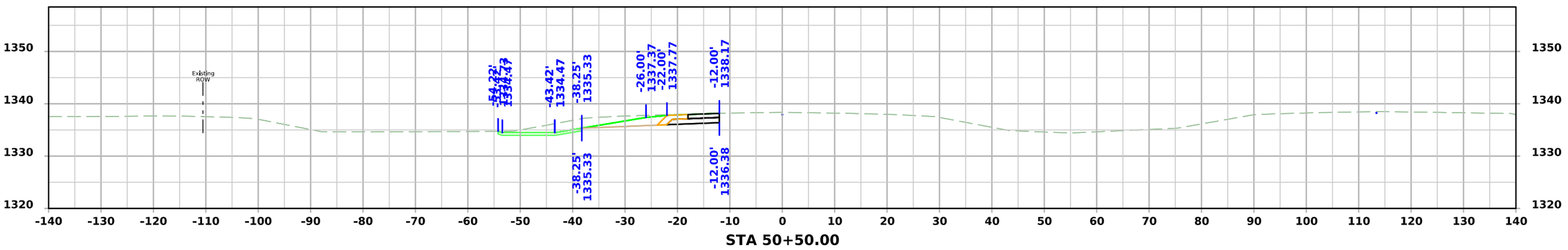


STA 102+75.00

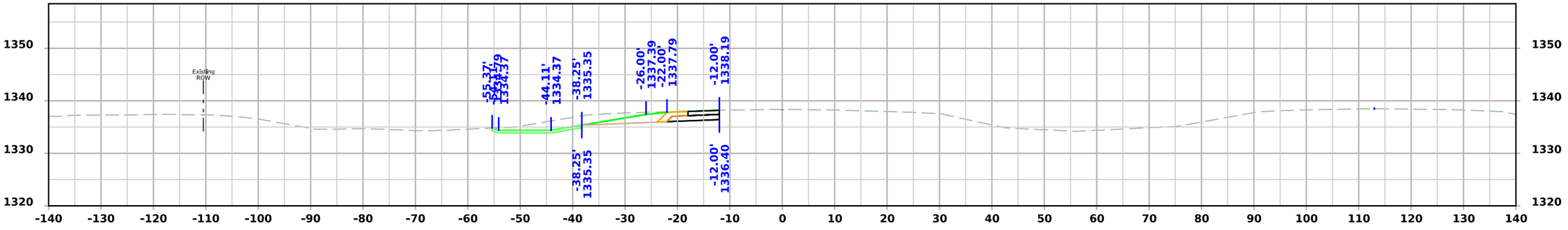
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.35

2:44:07 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

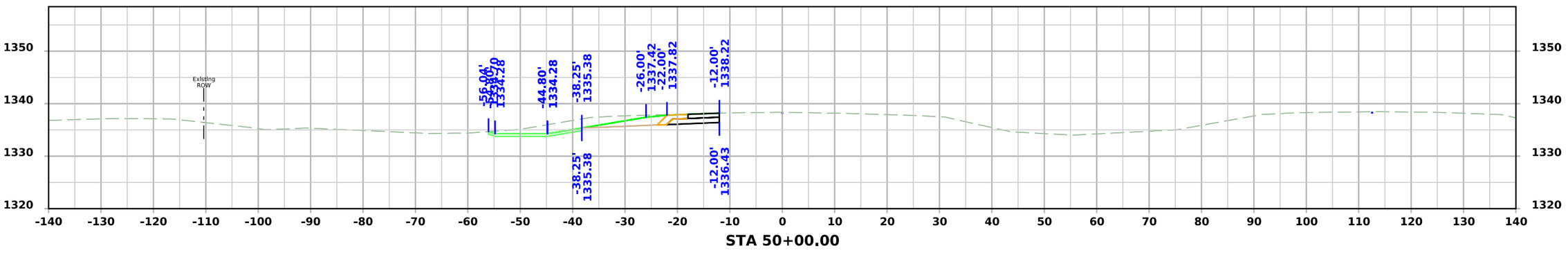
US 71 SB



STA 50+50.00



STA 50+25.00

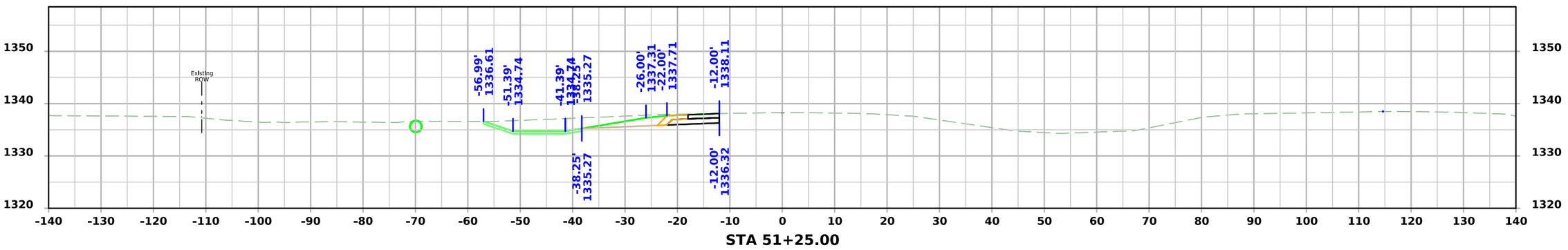


STA 50+00.00

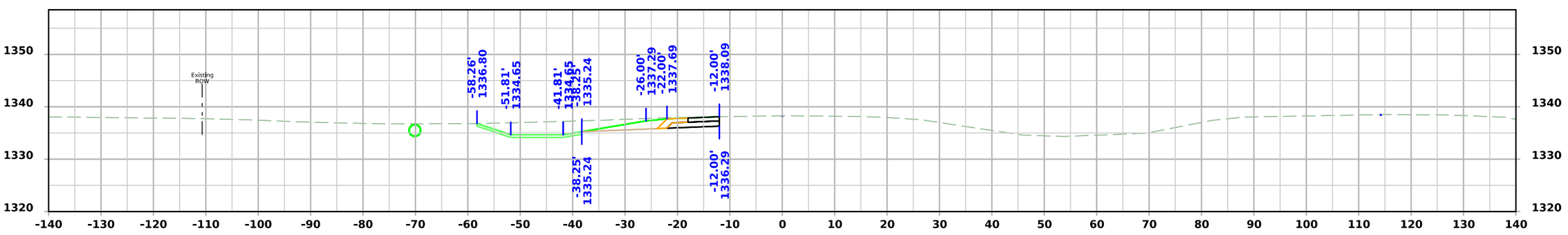
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.36

2:44:08 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

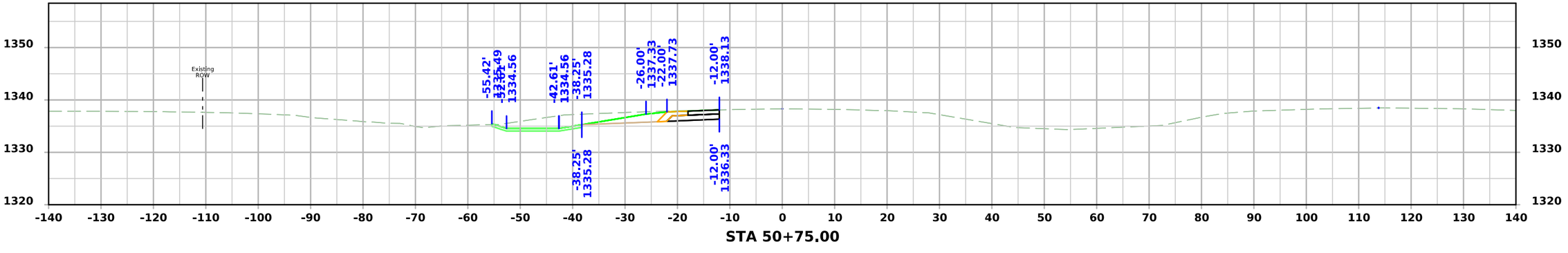
US 71 SB



STA 51+25.00



STA 51+00.00

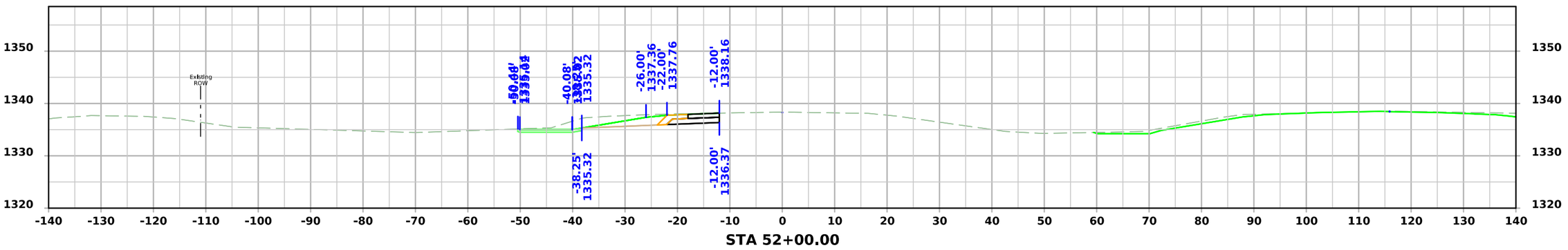


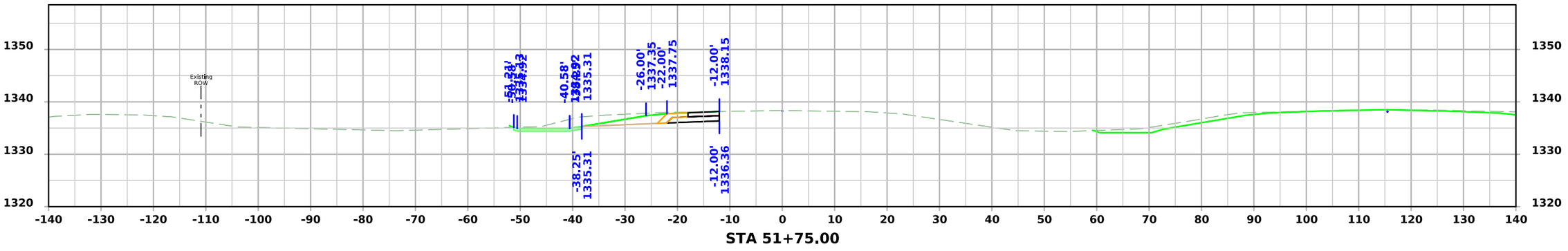
STA 50+75.00

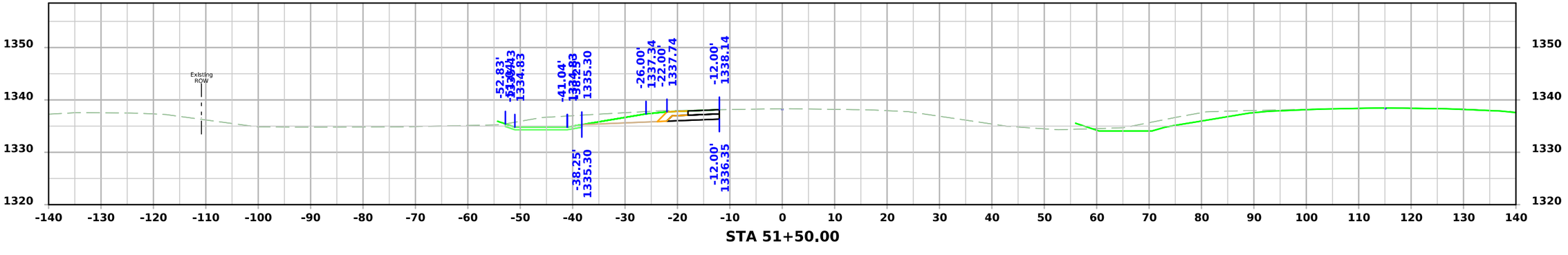
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.37

2:44:10 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

US 71 SB



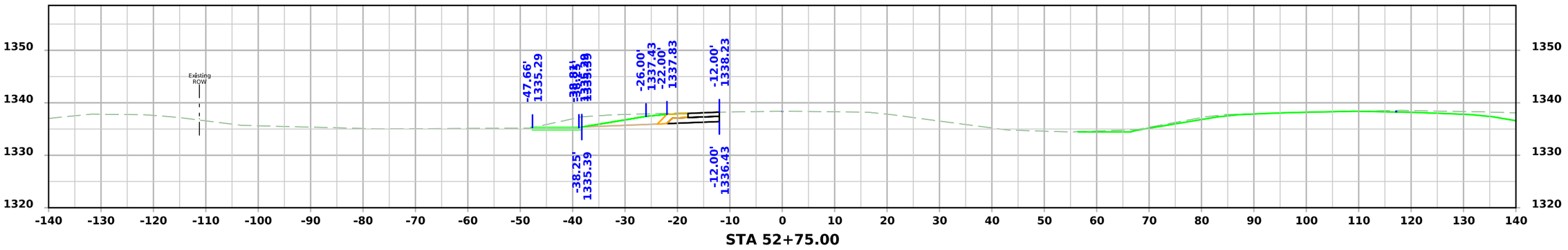




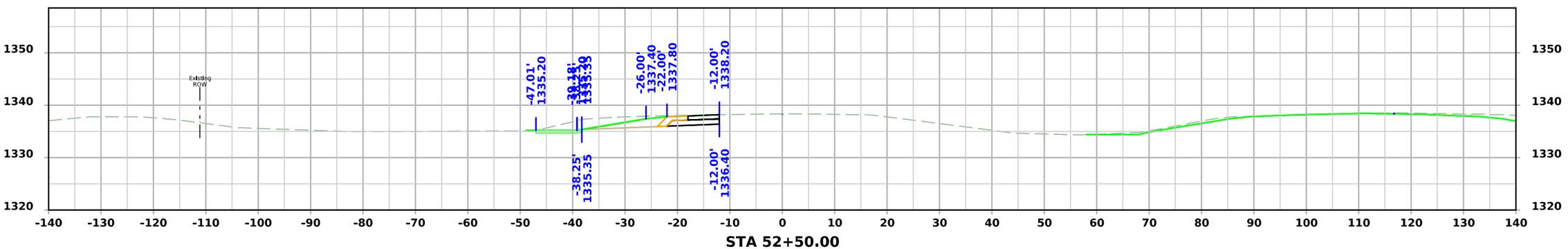
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.38

2:44:11 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

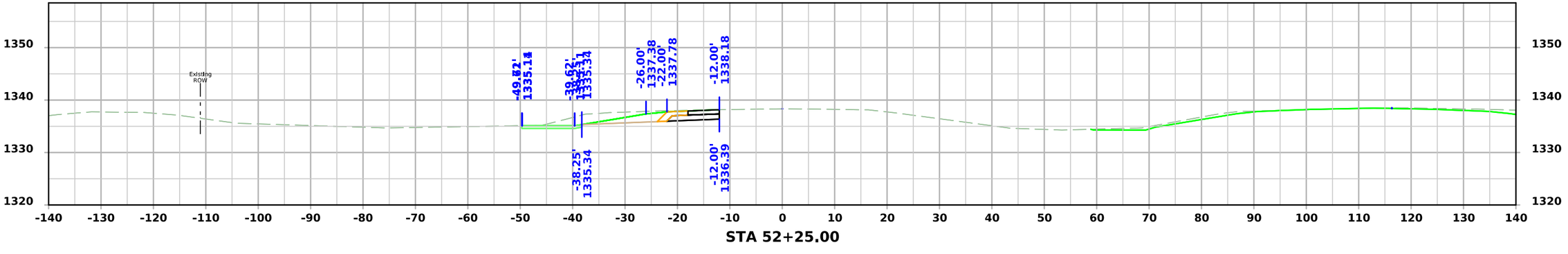
US 71 SB



STA 52+75.00



STA 52+50.00

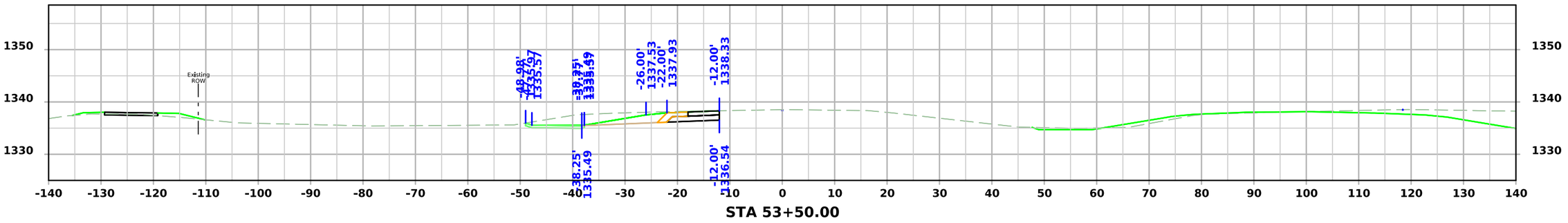


STA 52+25.00

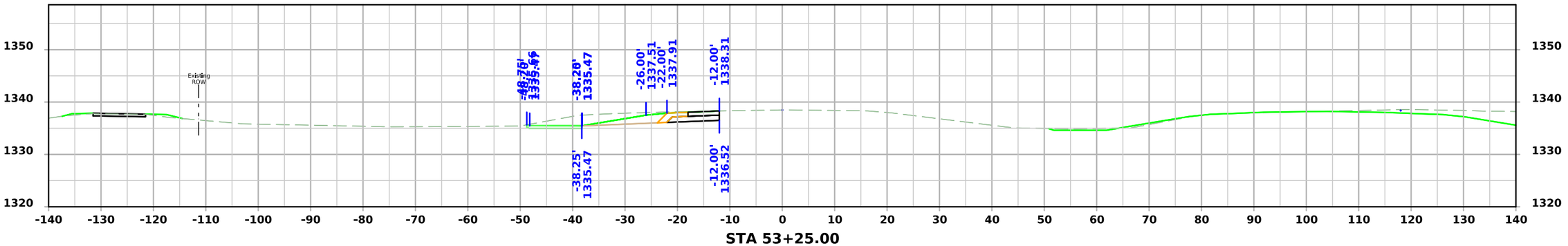
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.39

2:44:12 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

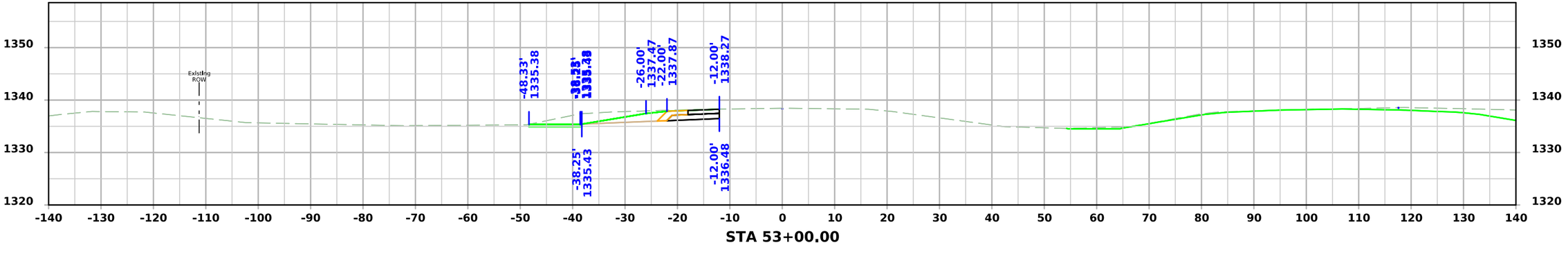
US 71 SB



STA 53+50.00



STA 53+25.00

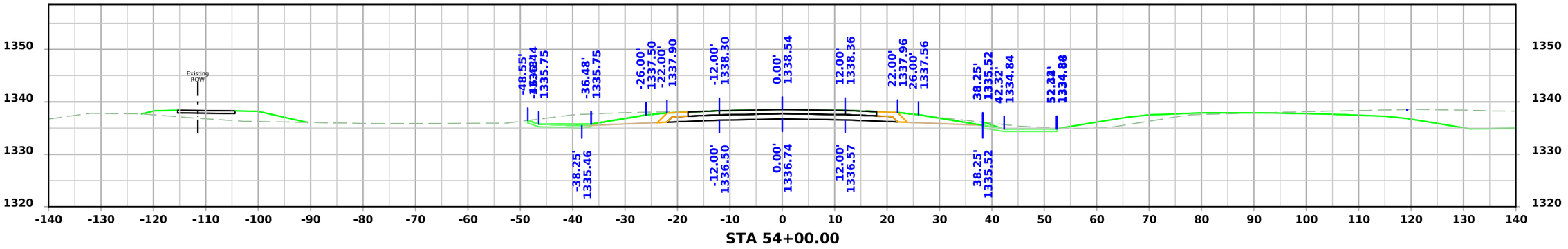


STA 53+00.00

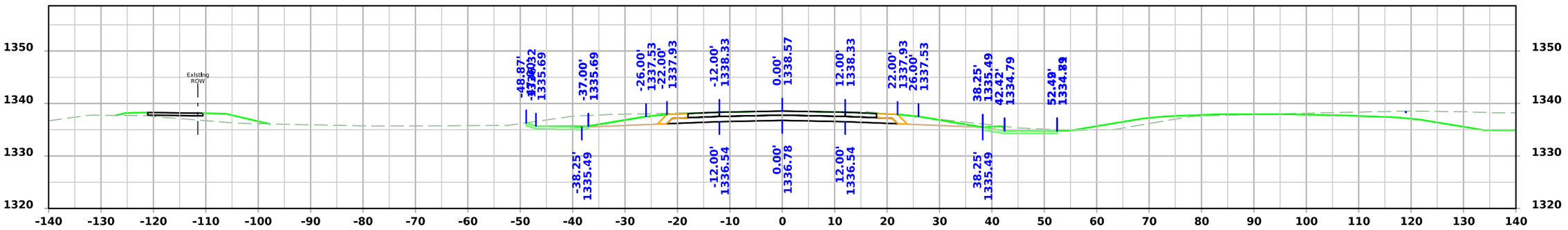
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.40

2:44:14 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

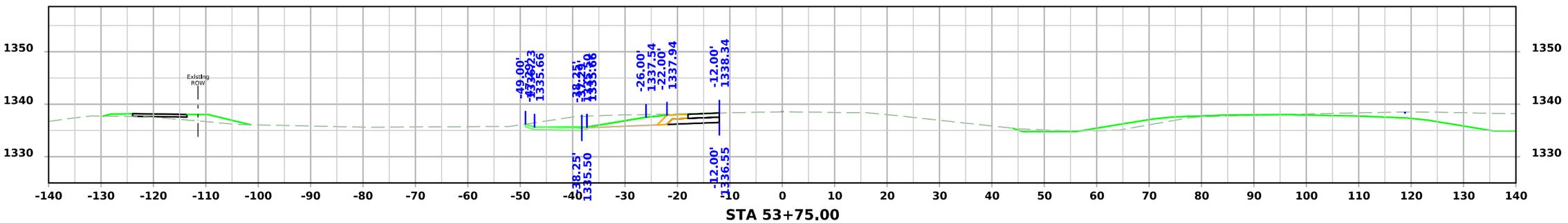
US 71 SB



STA 54+00.00



STA 53+84.60

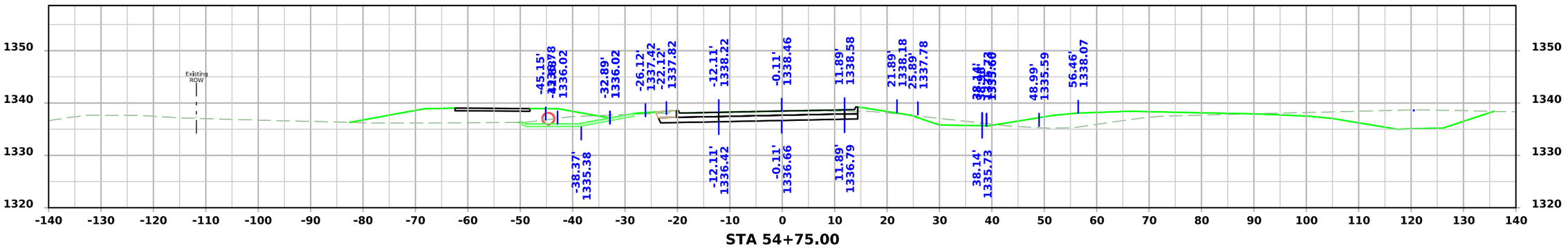


STA 53+75.00

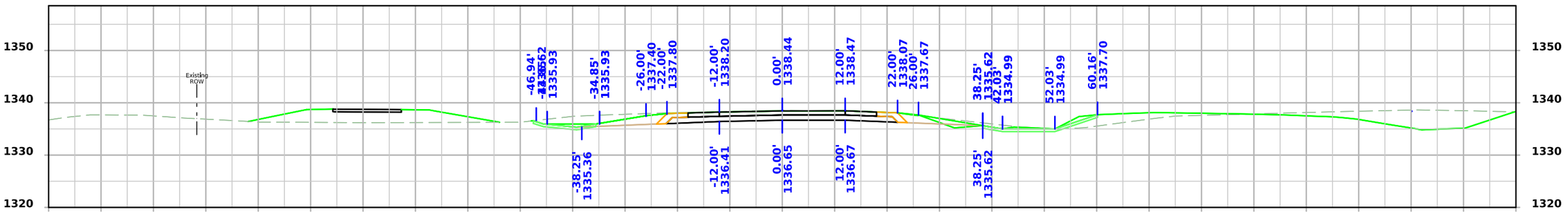
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.41

2:44:15 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

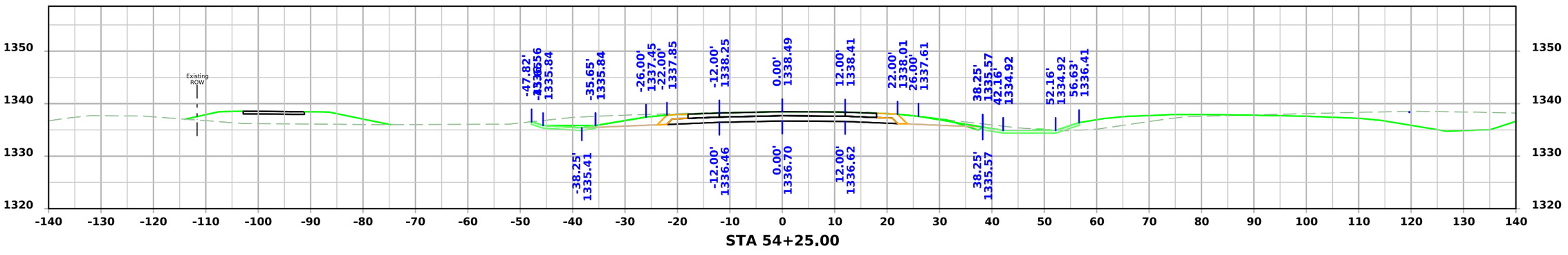
US 71 SB



STA 54+75.00



STA 54+50.00

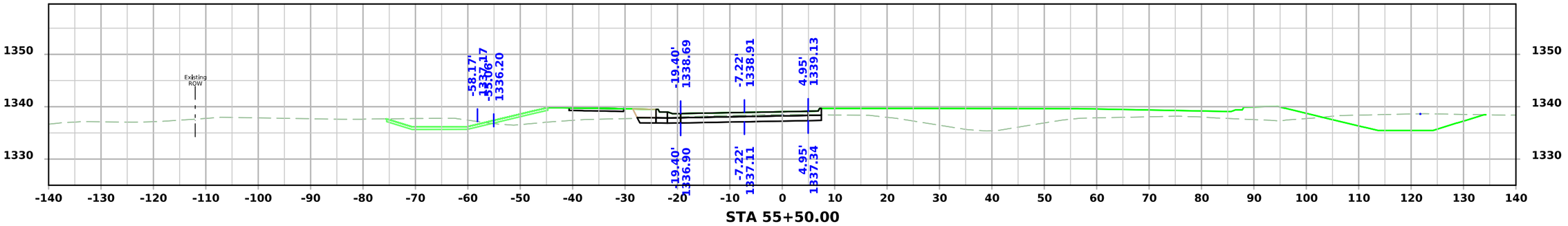


STA 54+25.00

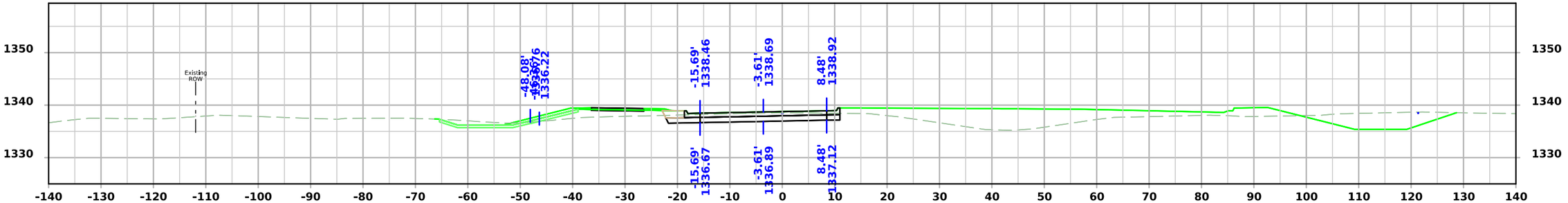
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.42

2:44:17 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

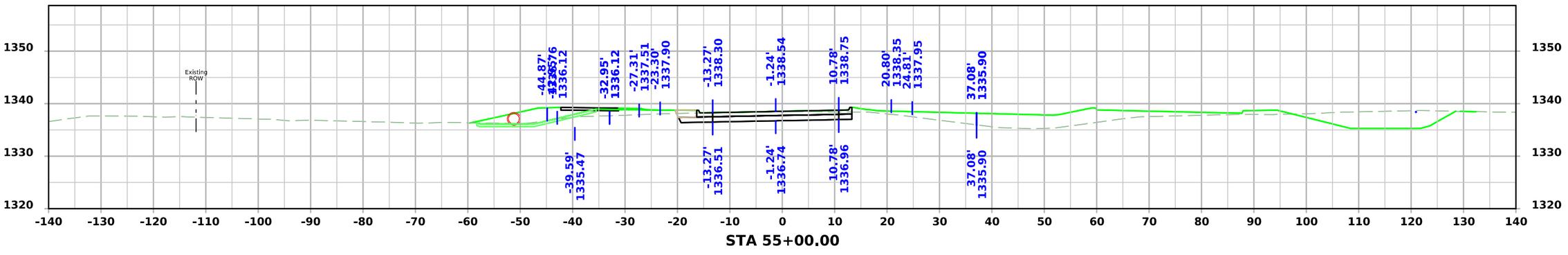
US 71 SB



STA 55+50.00



STA 55+25.00

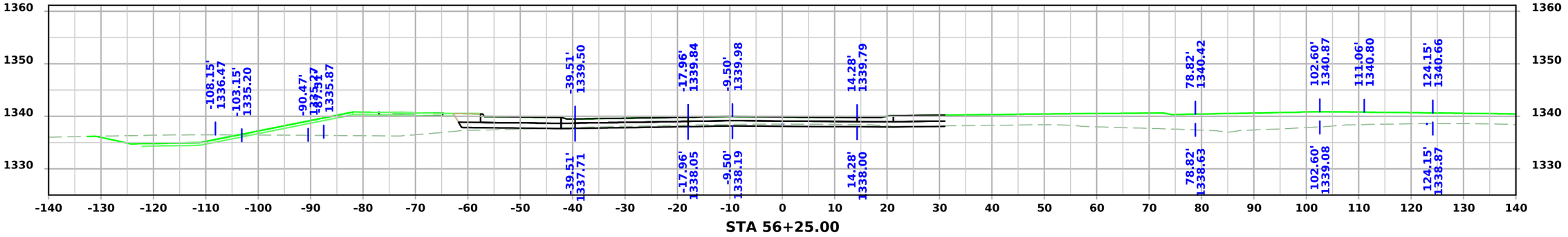


STA 55+00.00

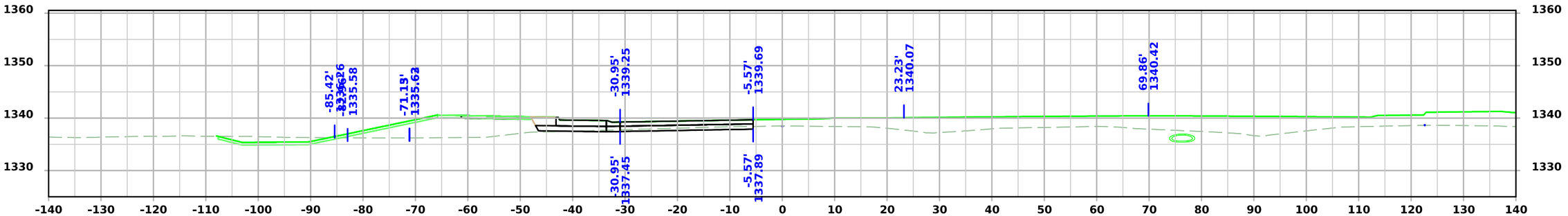
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.43

2:44:18 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

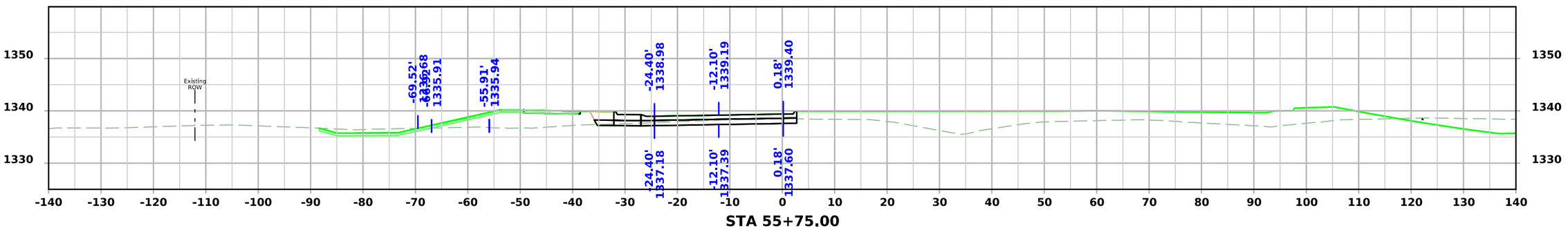
US 71 SB



STA 56+25.00



STA 56+00.00

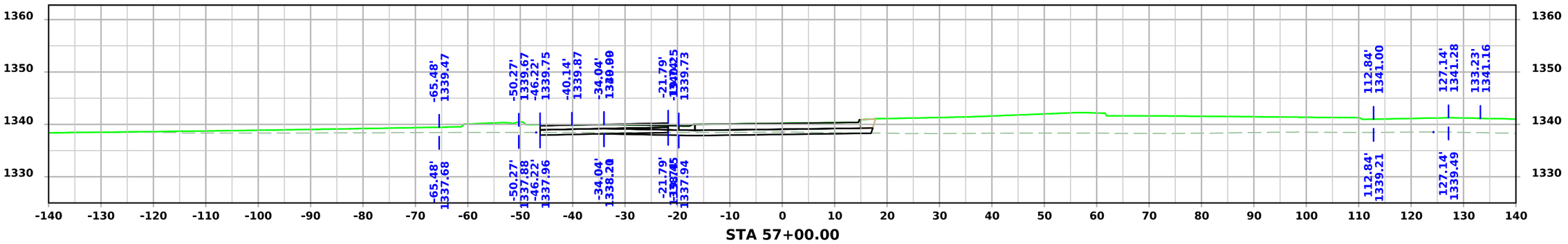


STA 55+75.00

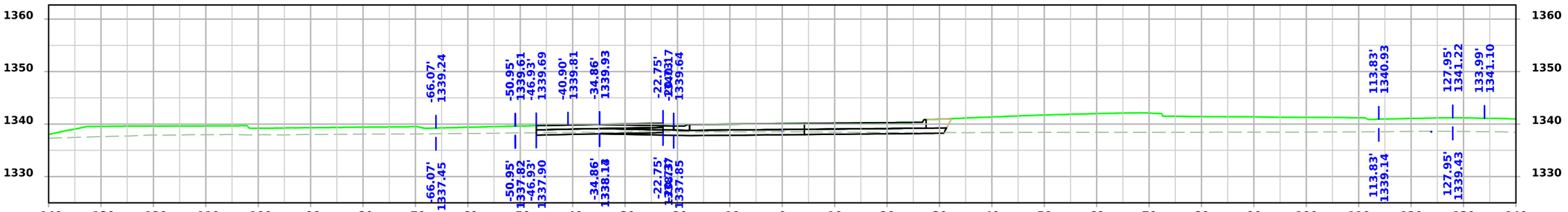
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.44

2:44:20 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

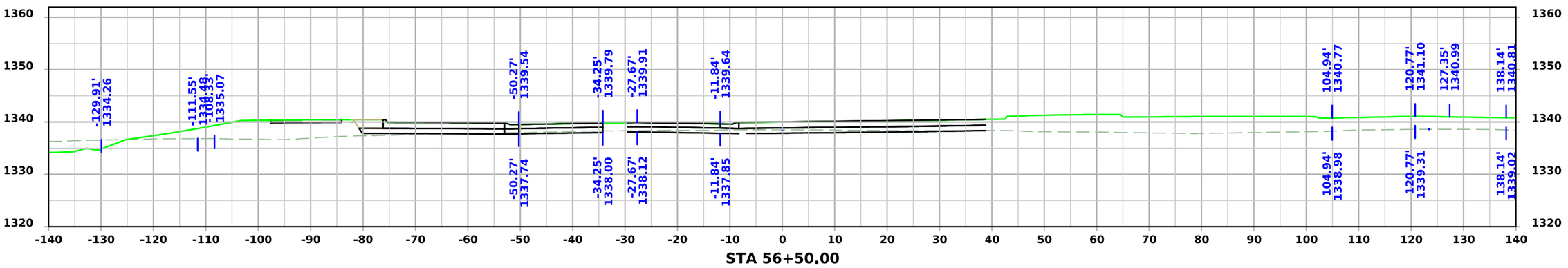
US 71 SB



STA 57+00.00



STA 56+75.00

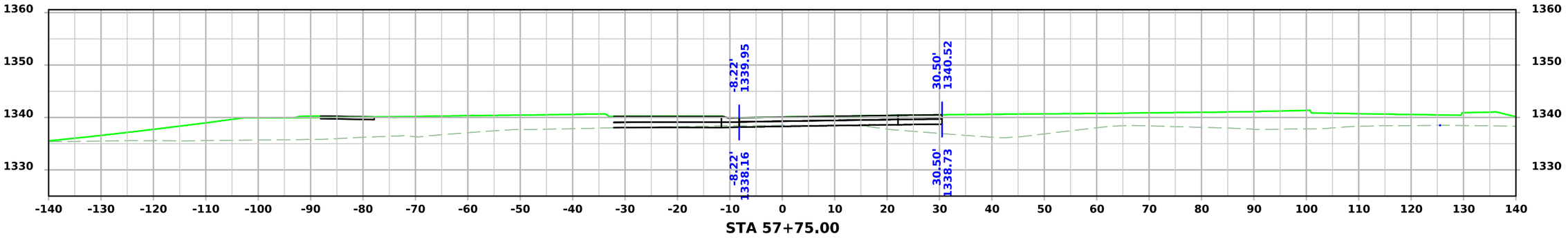


STA 56+50.00

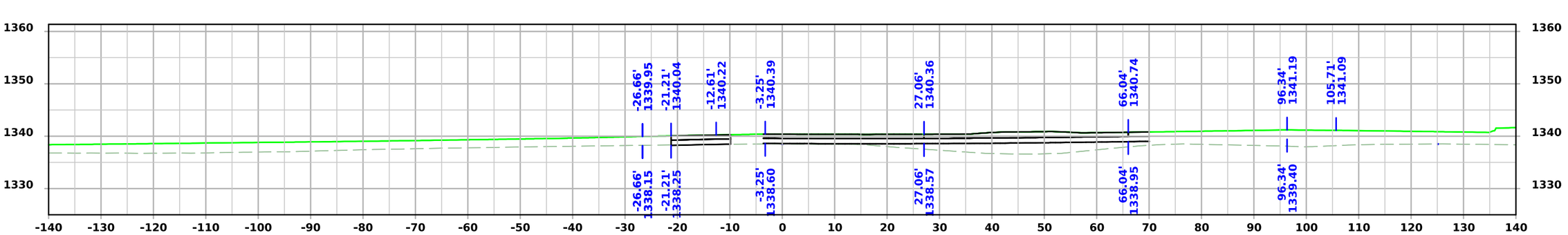
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.45

2:44:22 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

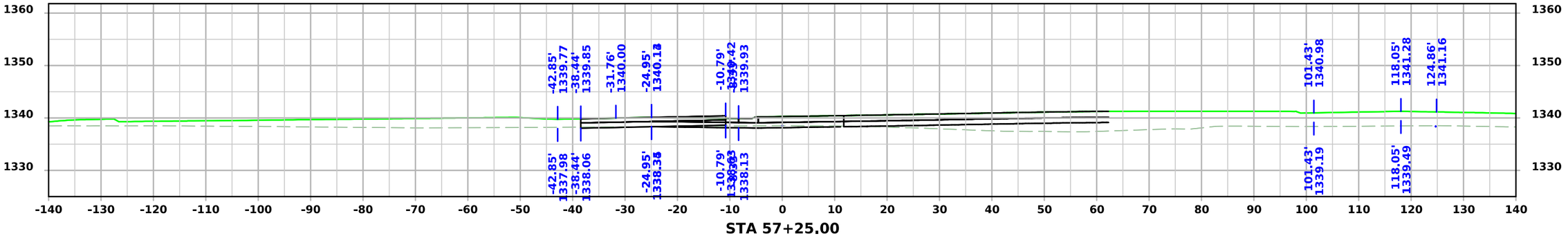
US 71 SB



STA 57+75.00



STA 57+50.00

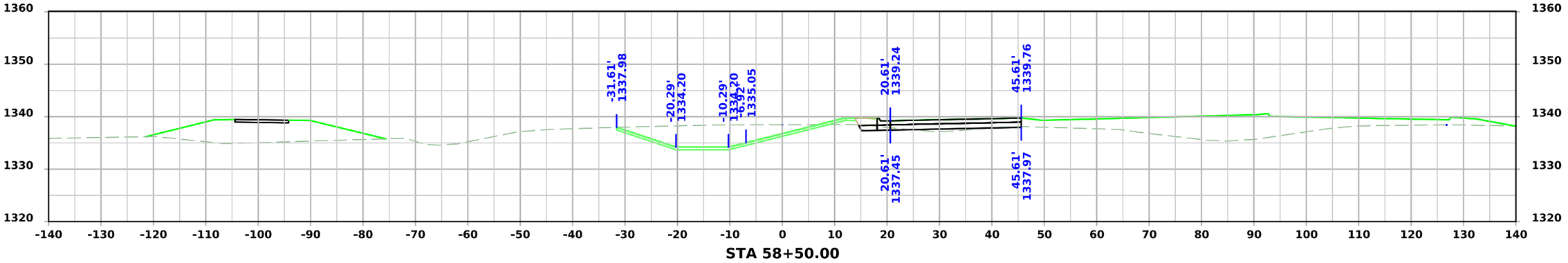


STA 57+25.00

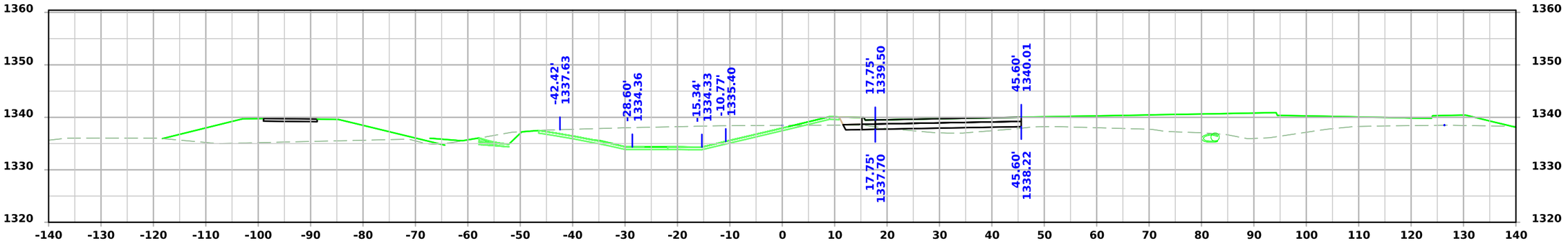
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.46

2:44:23 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

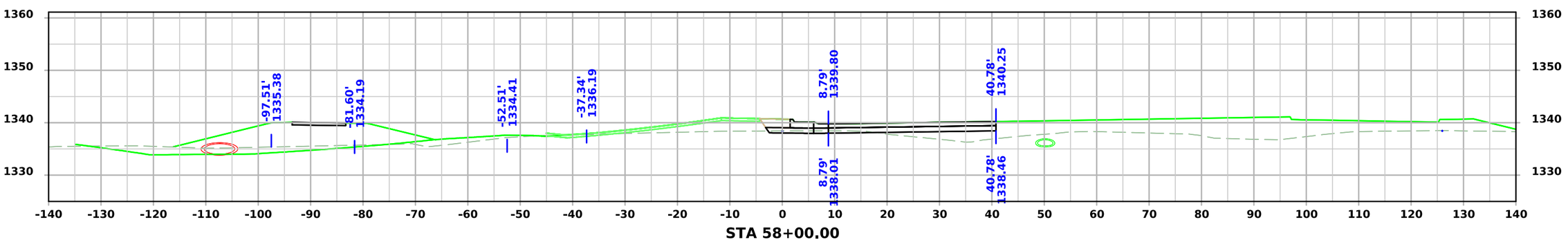
US 71 SB



STA 58+50.00



STA 58+25.00

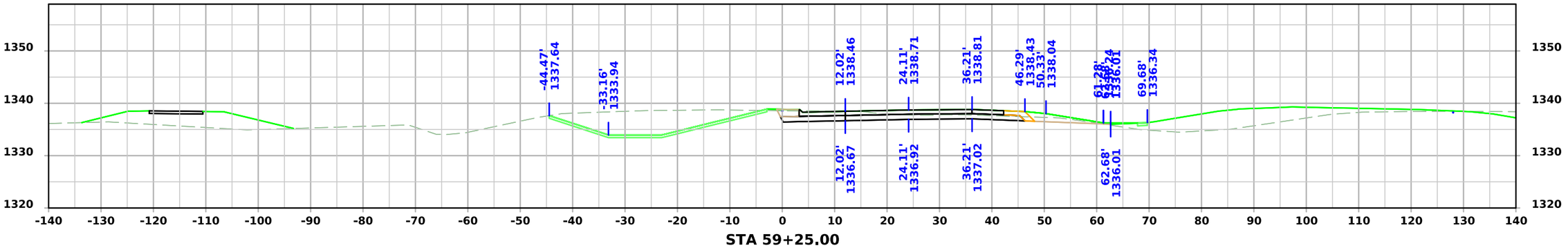


STA 58+00.00

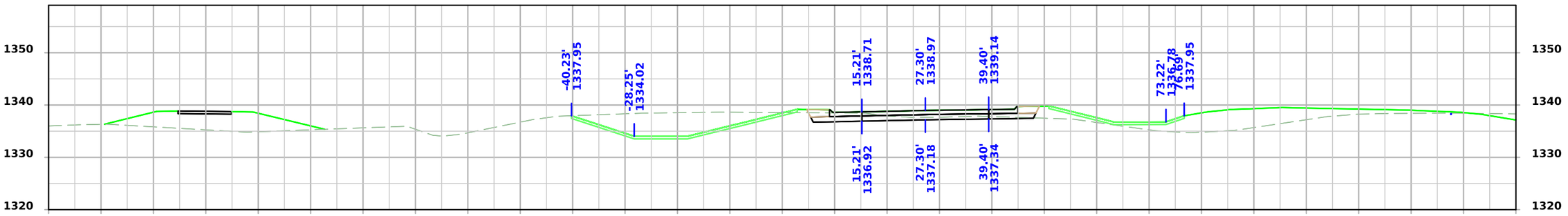
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.47

2:44:25 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

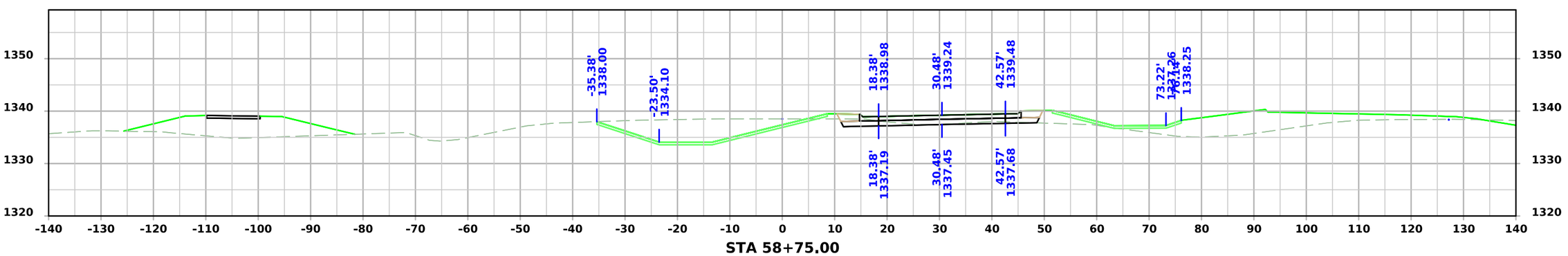
US 71 SB



STA 59+25.00



STA 59+00.00

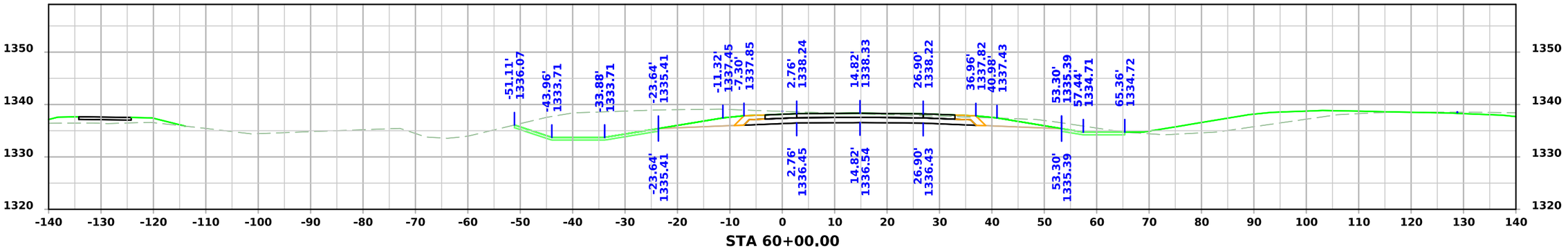


STA 58+75.00

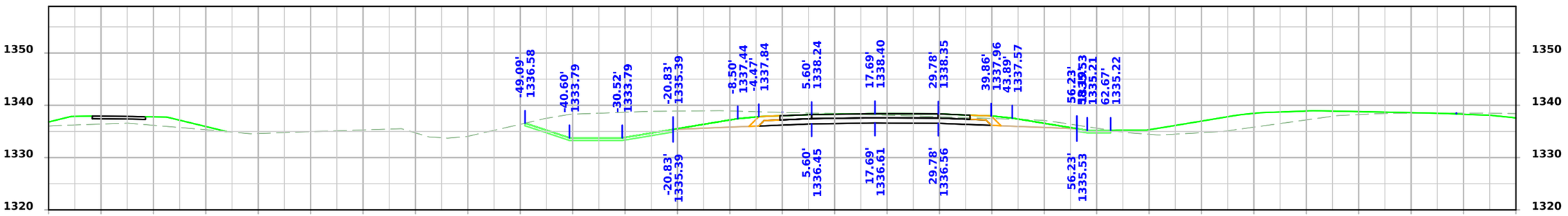
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.48

2:44:27 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

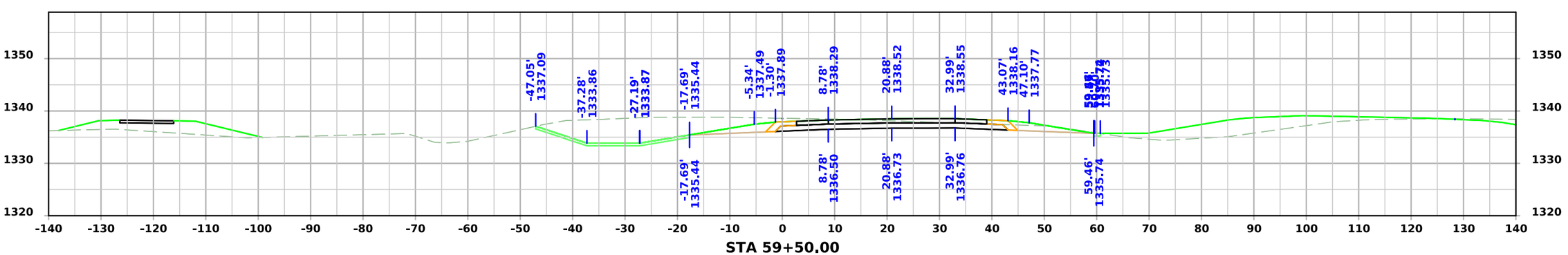
US 71 SB



STA 60+00.00



STA 59+75.00

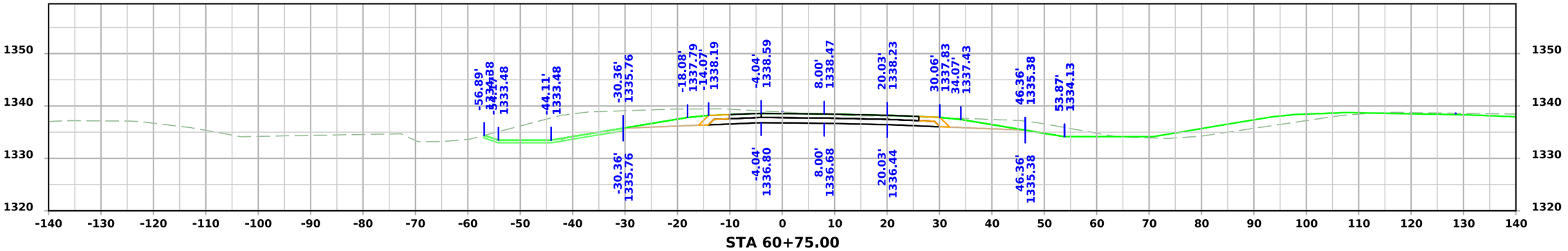


STA 59+50.00

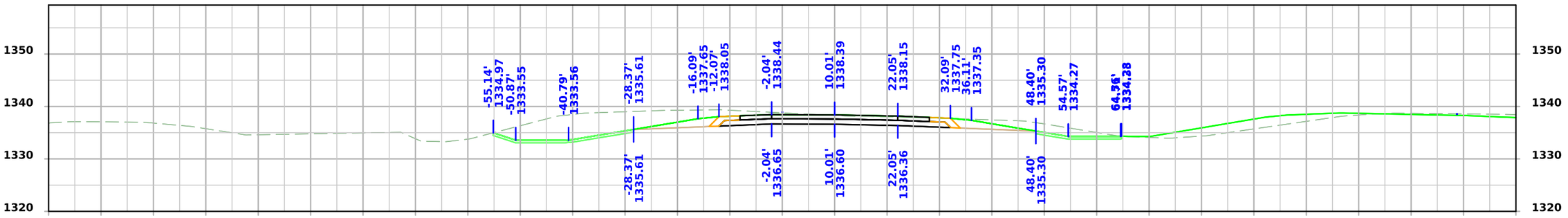
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.49

2:44:28 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

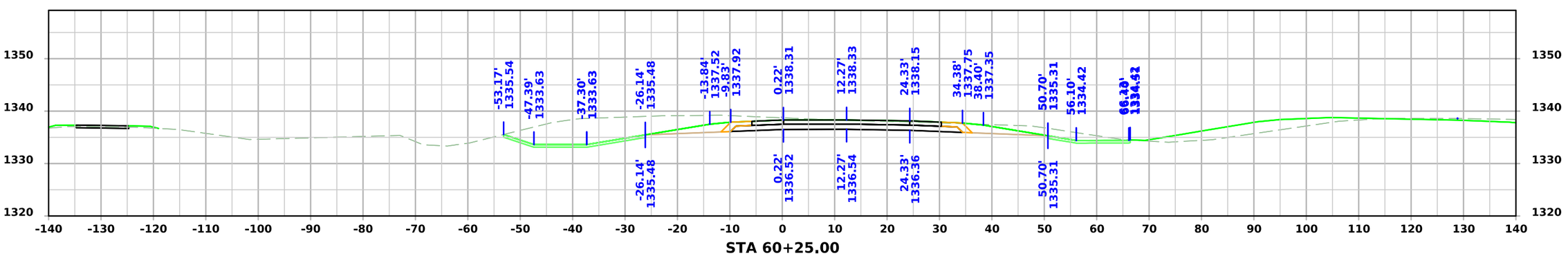
US 71 SB



STA 60+75.00



STA 60+50.00

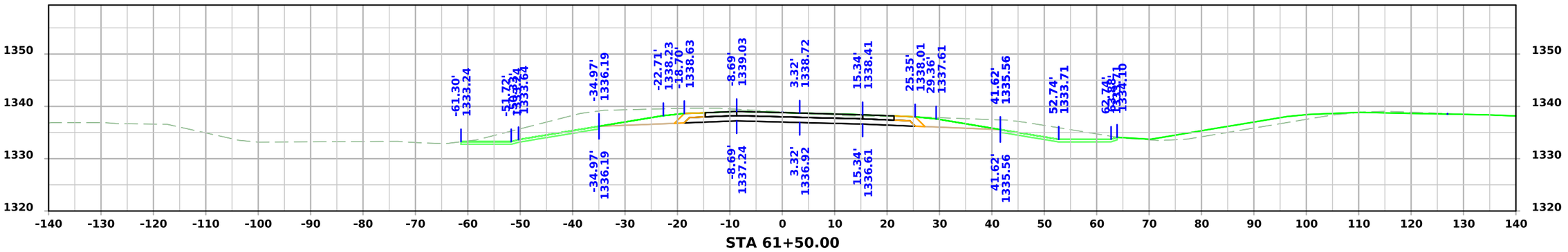


STA 60+25.00

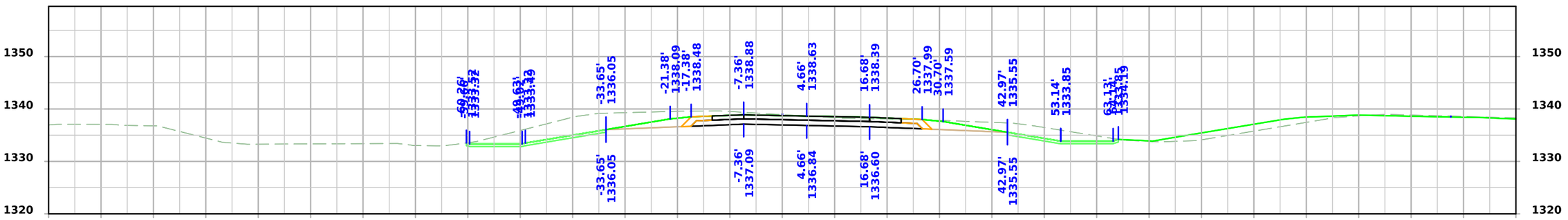
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.50

2:44:30 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

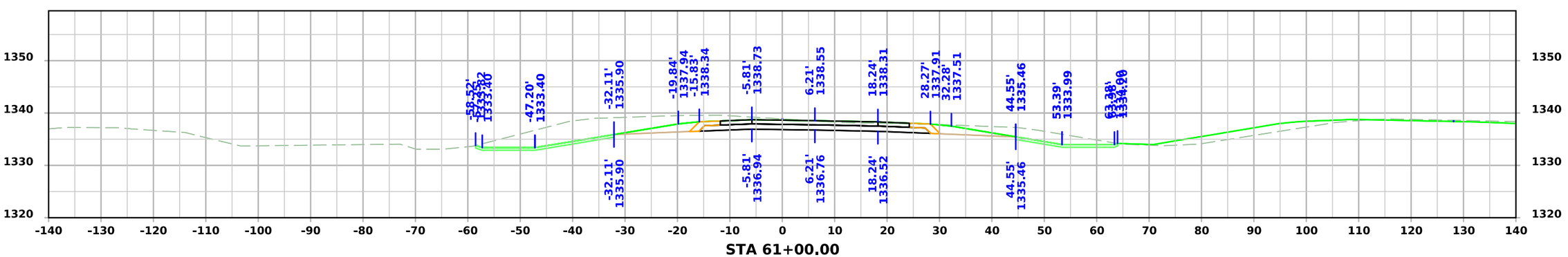
US 71 SB



STA 61+50.00



STA 61+25.00

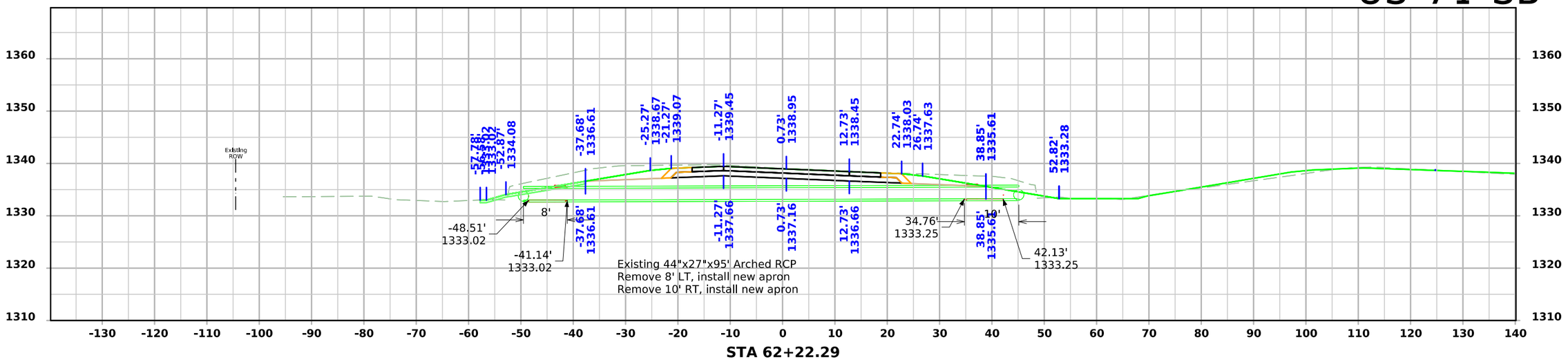


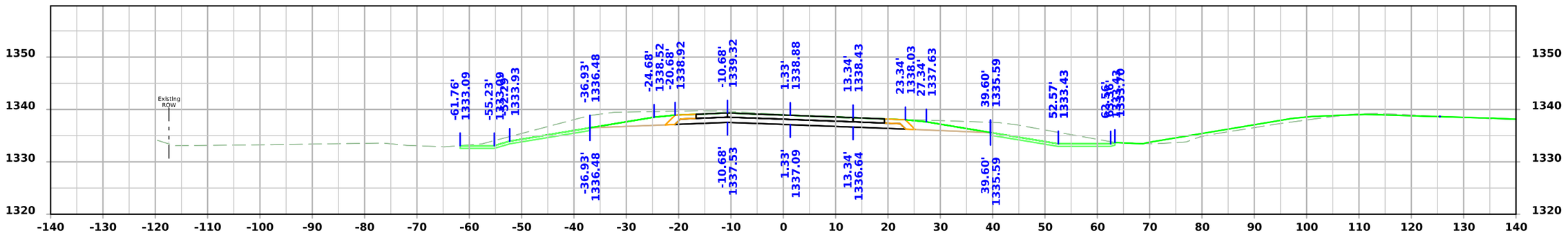
STA 61+00.00

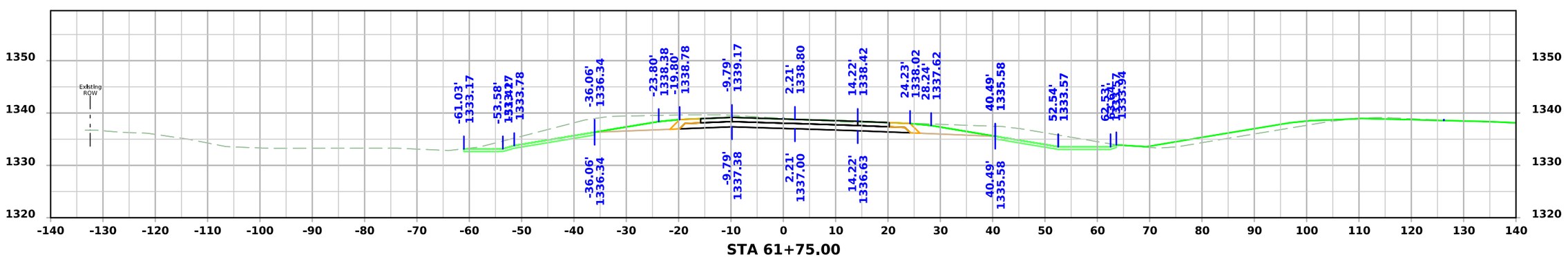
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.51

2:44:31 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

US 71 SB



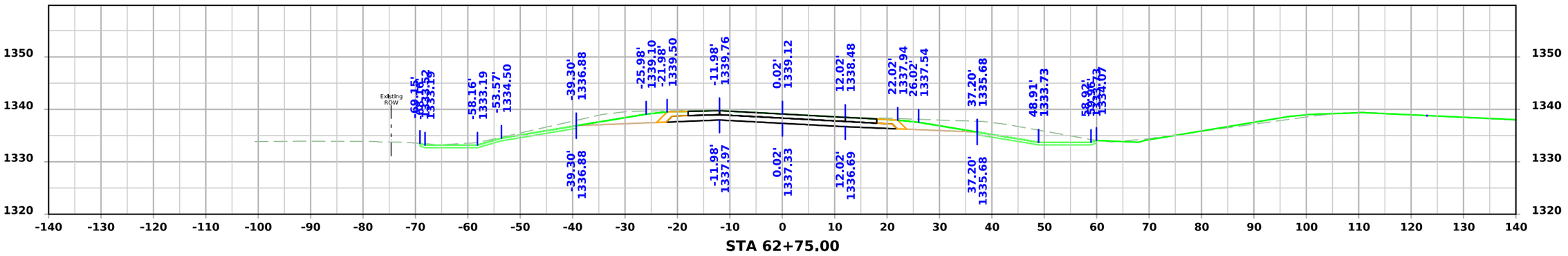




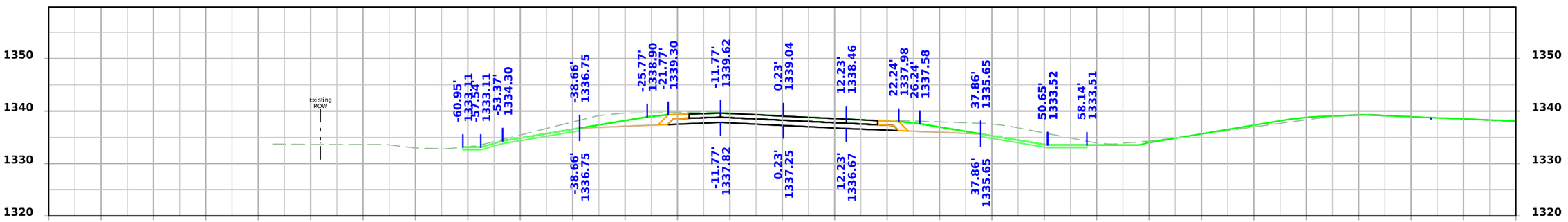
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.52

2:44:34 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

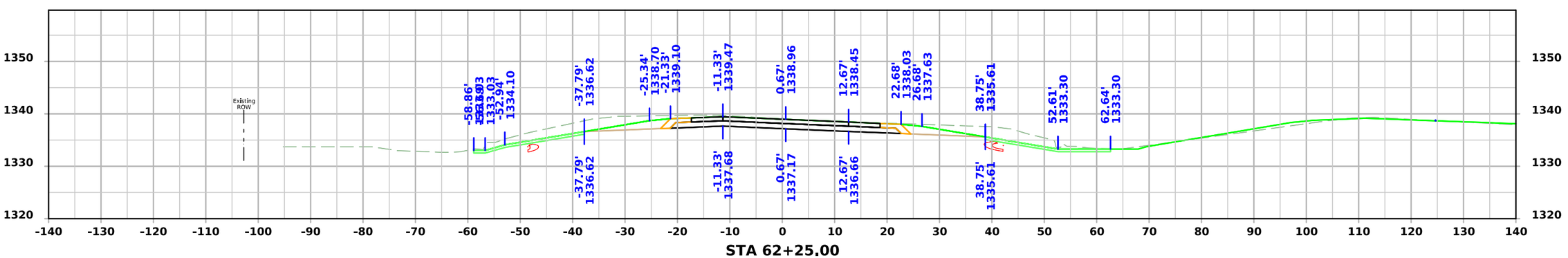
US 71 SB



STA 62+75.00



STA 62+50.00

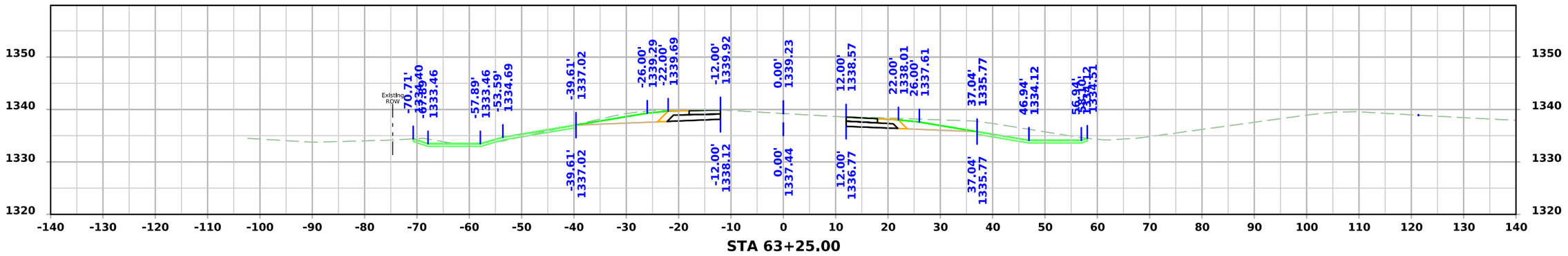


STA 62+25.00

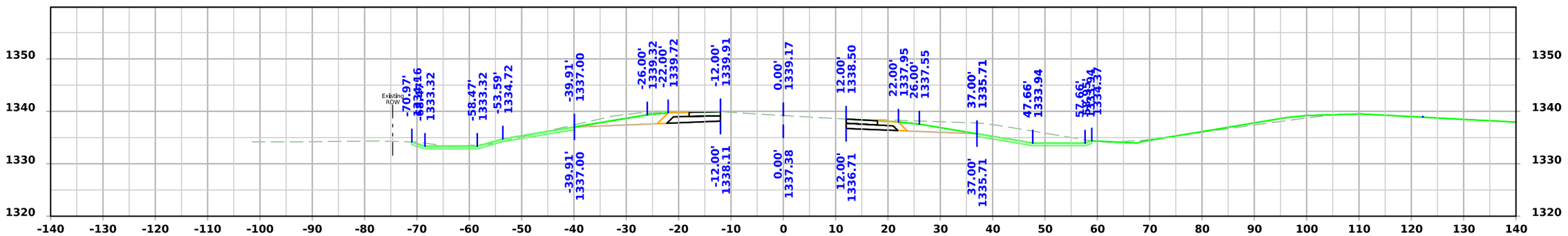
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.53

2:44:36 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

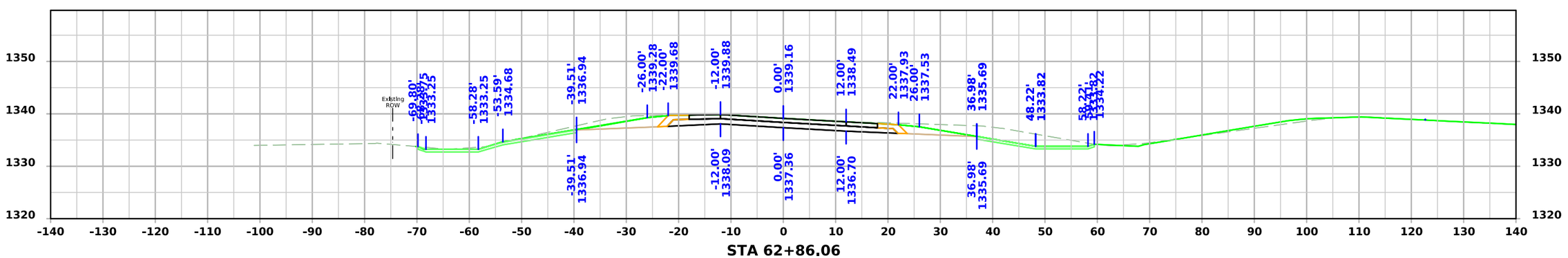
US 71 SB



STA 63+25.00



STA 63+00.00

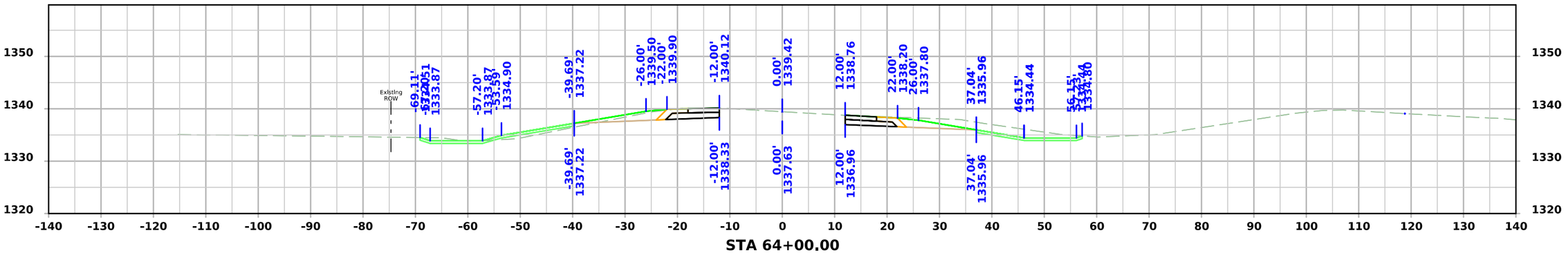


STA 62+86.06

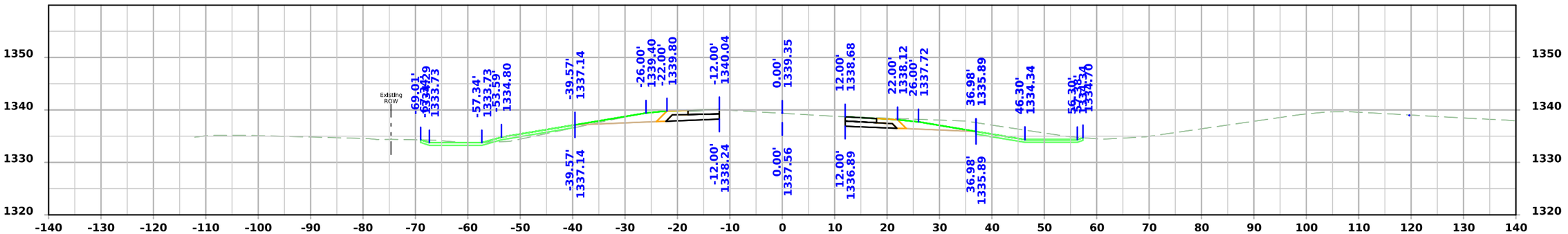
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.54

2:44:37 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

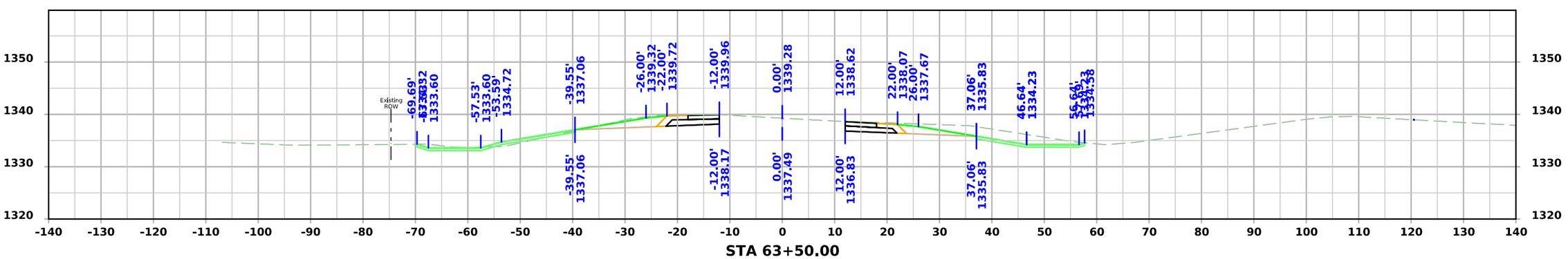
US 71 SB



STA 64+00.00



STA 63+75.00

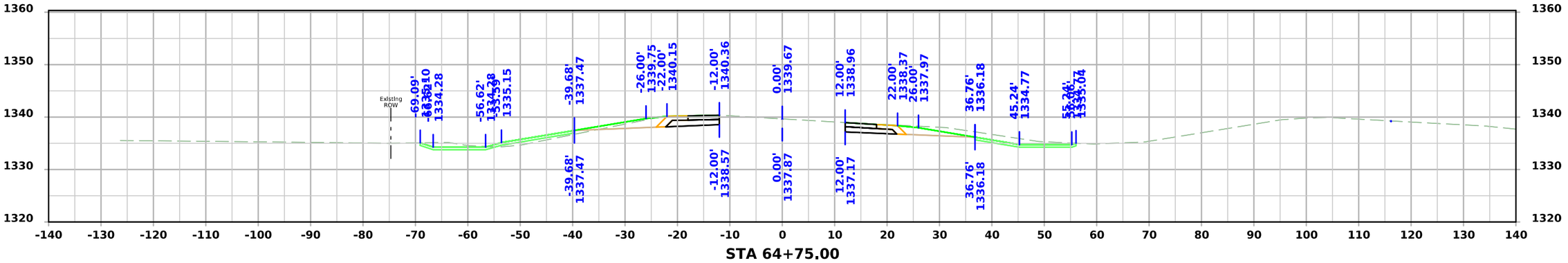


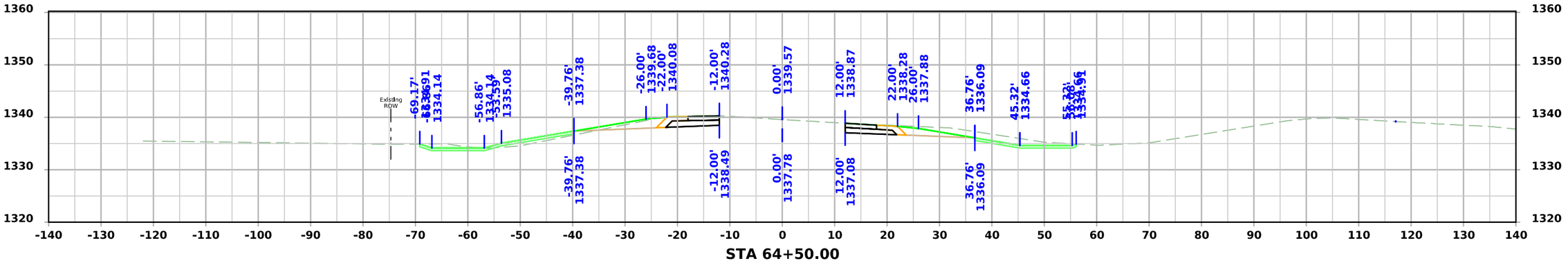
STA 63+50.00

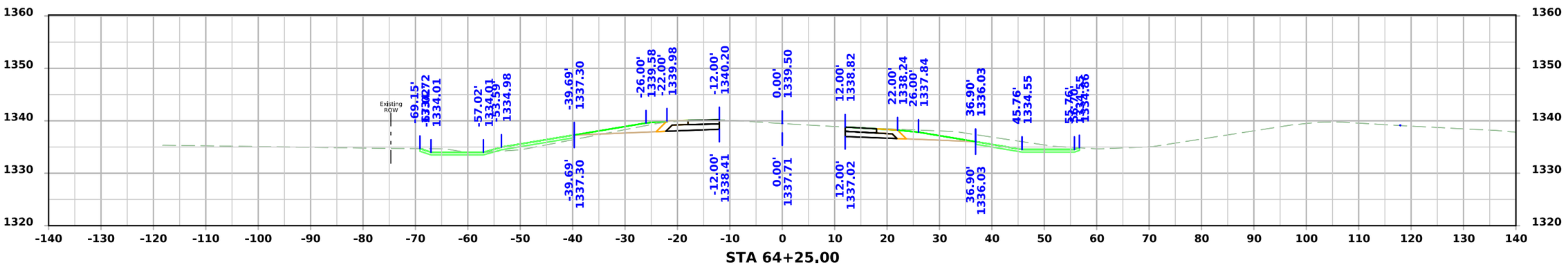
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.55

2:44:39 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

US 71 SB



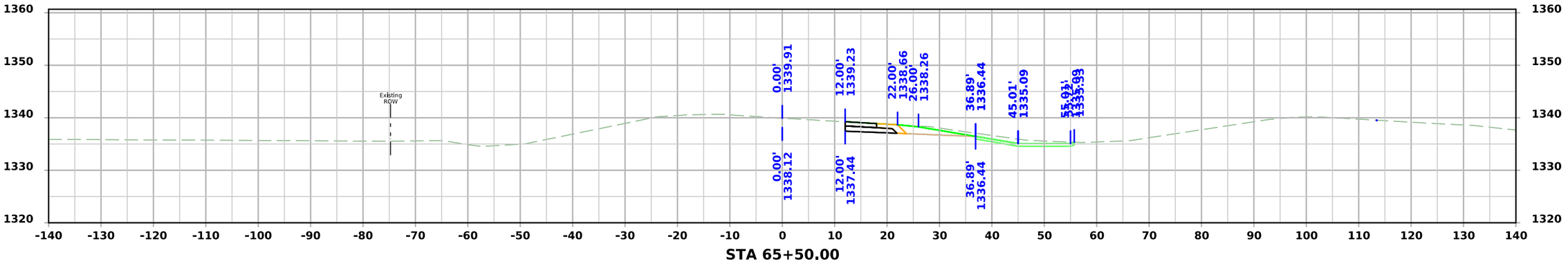




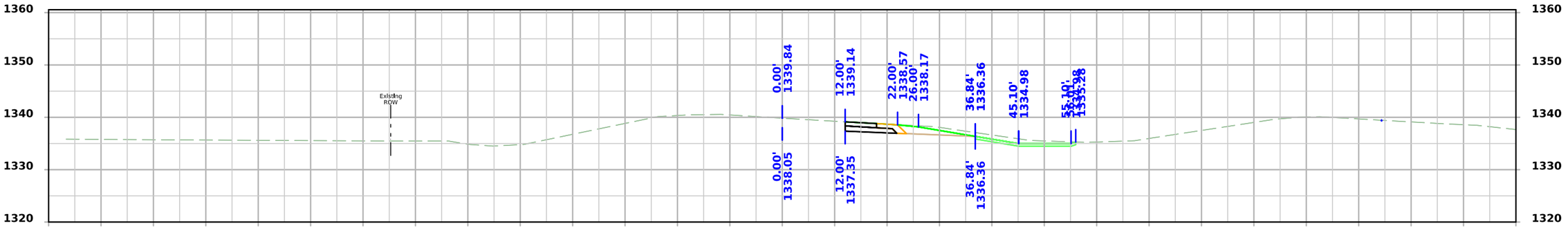
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.56

2:44:40 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

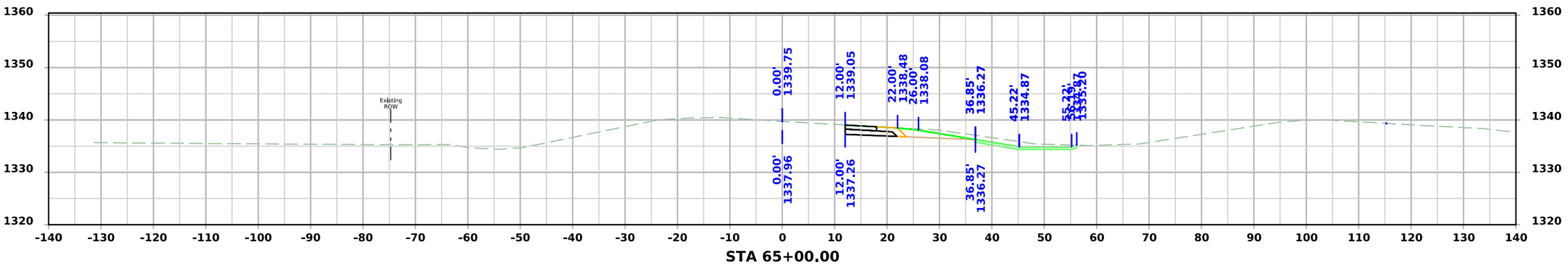
US 71 SB



STA 65+50.00



STA 65+25.00

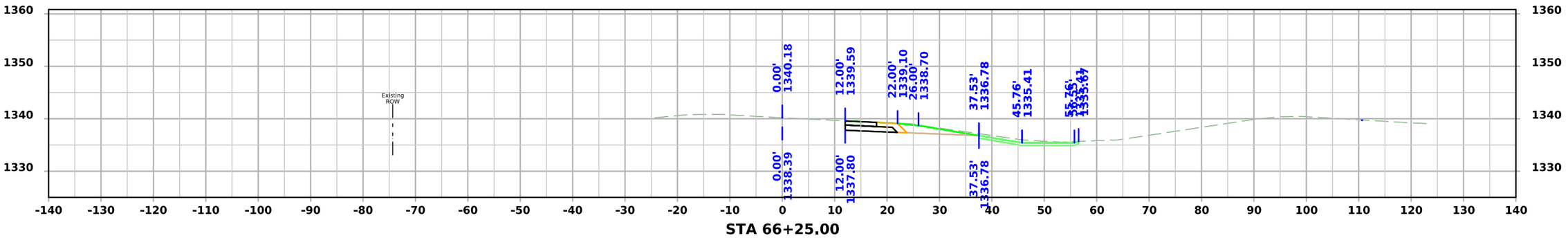


STA 65+00.00

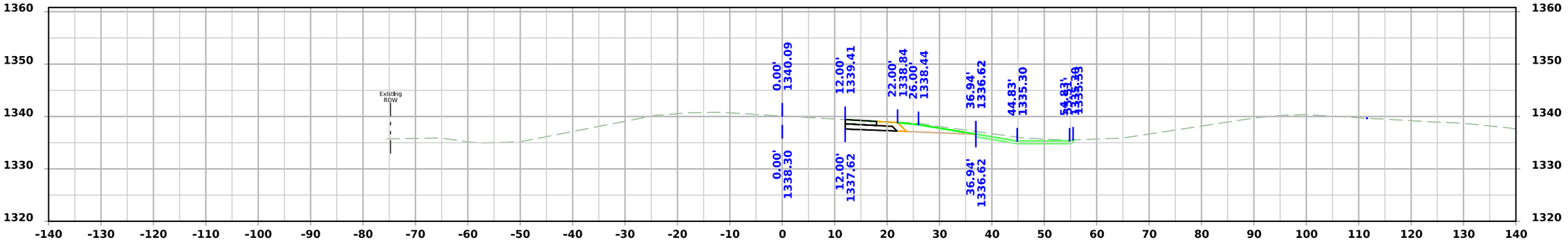
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.57

2:44:41 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

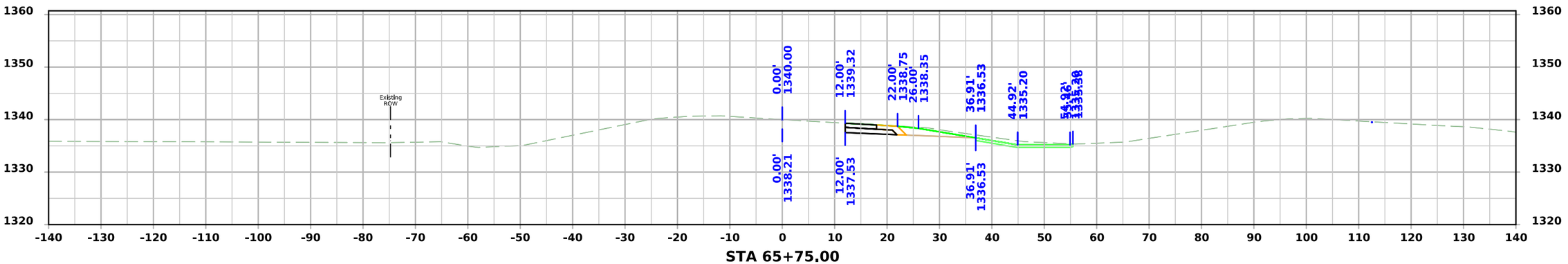
US 71 SB



STA 66+25.00



STA 66+00.00

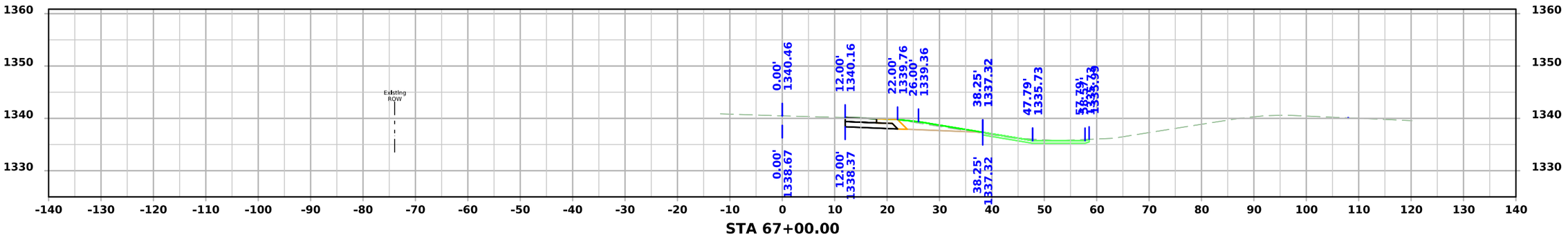


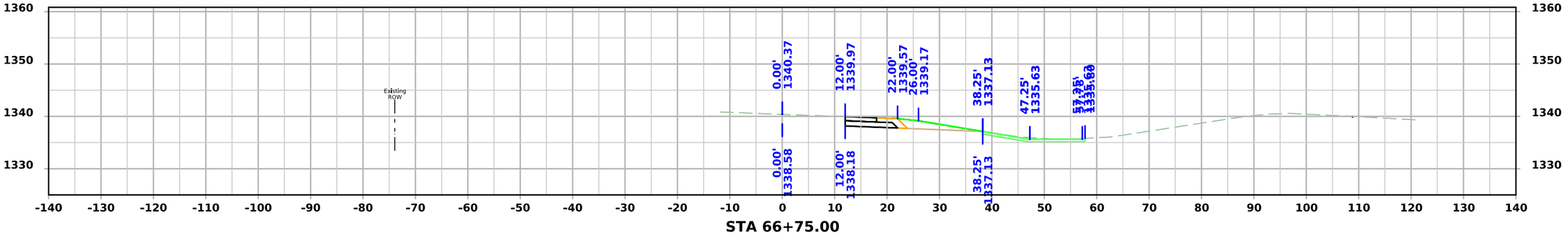
STA 65+75.00

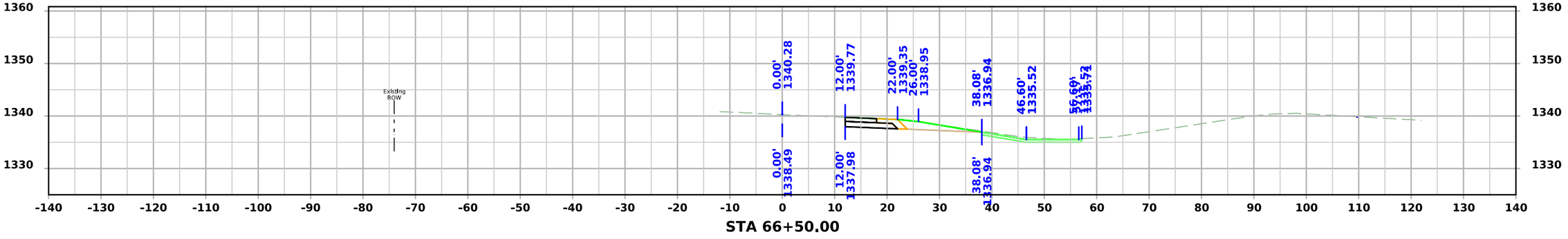
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.58

2:44:43 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

US 71 SB



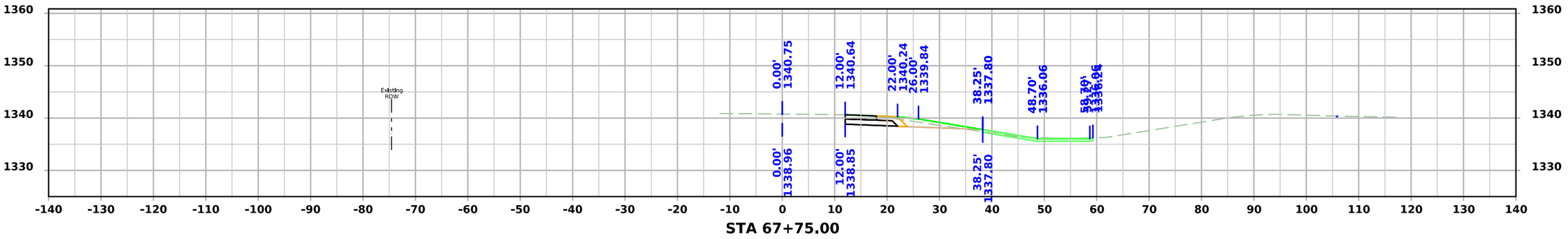




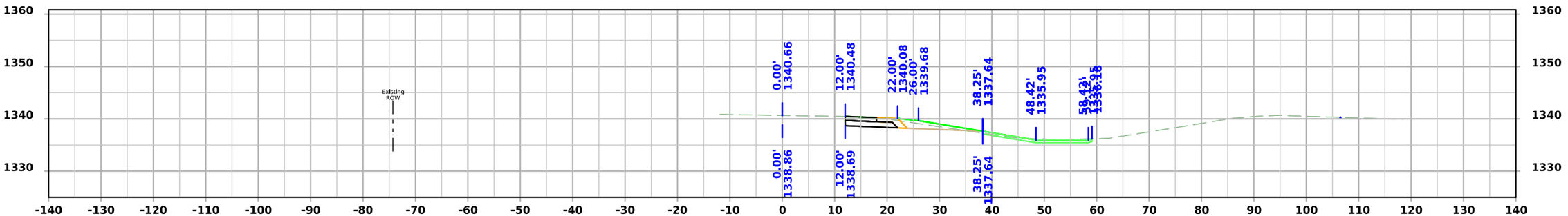
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.59

2:44:44 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

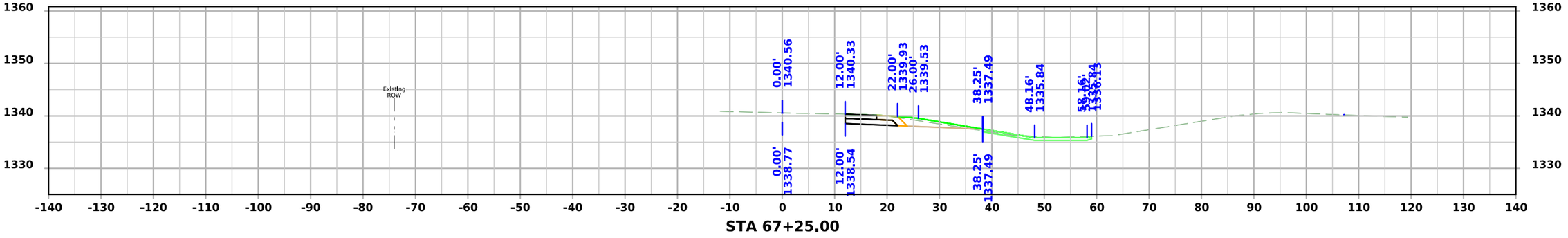
US 71 SB



STA 67+75.00



STA 67+50.00

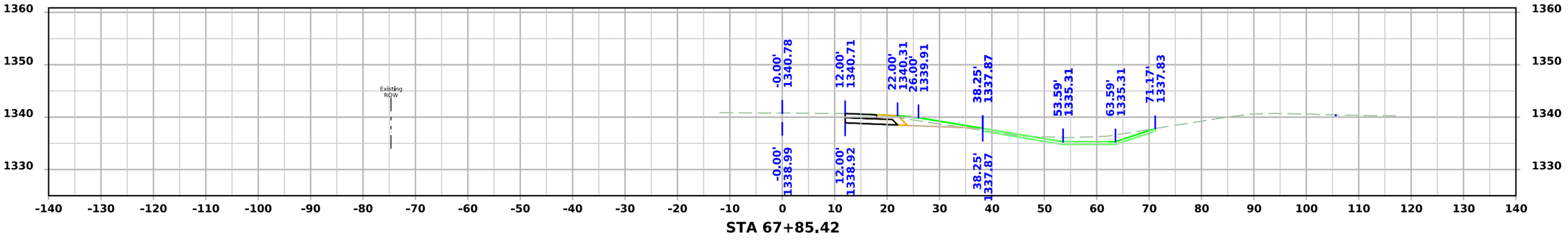


STA 67+25.00

FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.60

2:44:45 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

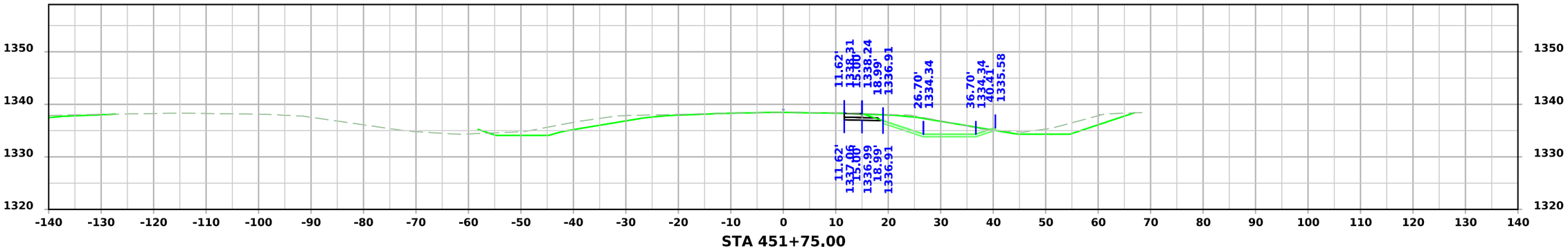
US 71 SB



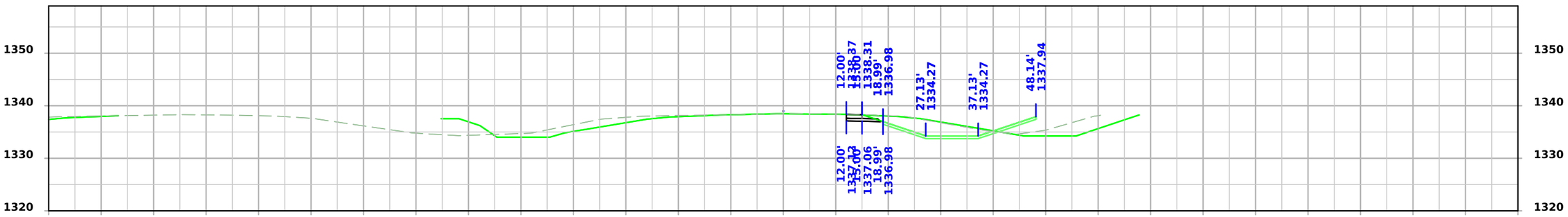
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.61

2:44:46 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W03.dgn

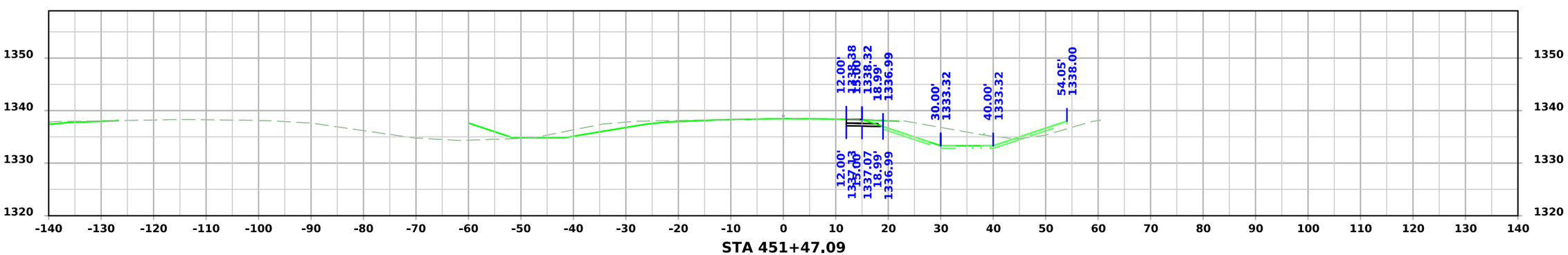
DETOUR US71NB



STA 451+75.00



STA 451+50.00

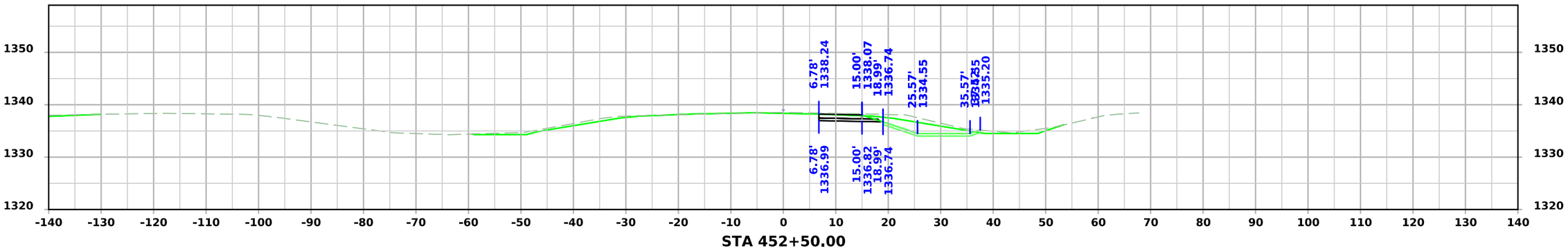


STA 451+47.09

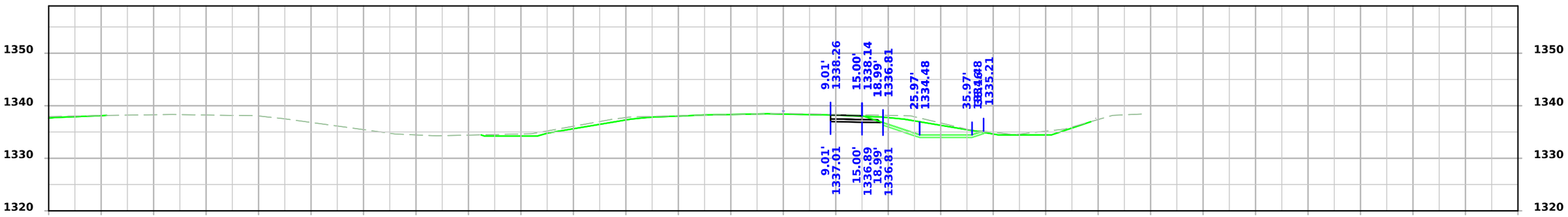
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.62

2:44:56 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W04.dgn

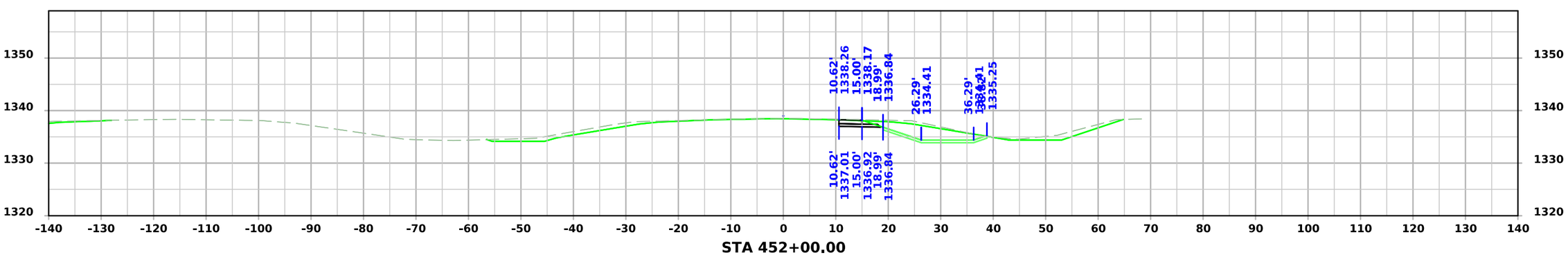
DETOUR US71NB



STA 452+50.00



STA 452+25.00

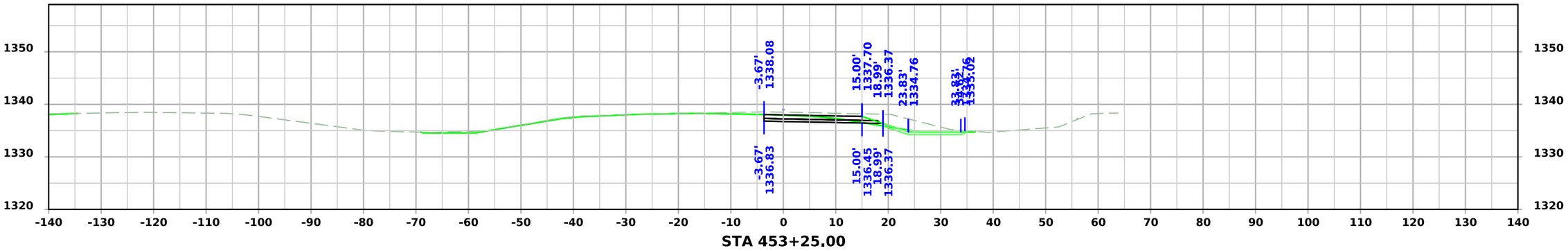


STA 452+00.00

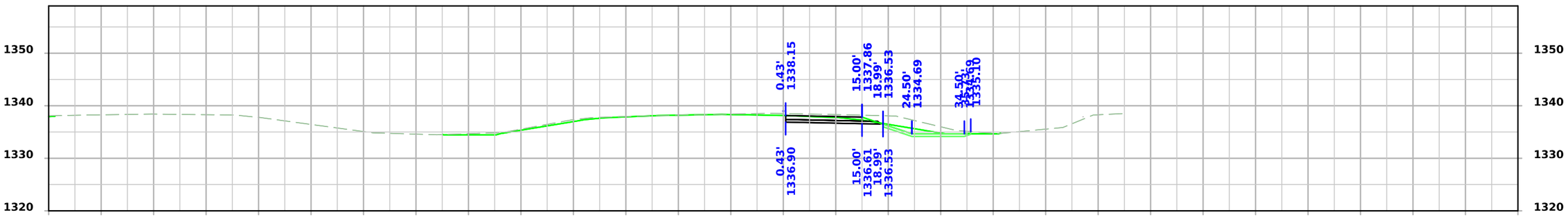
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.63

2:44:57 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W04.dgn

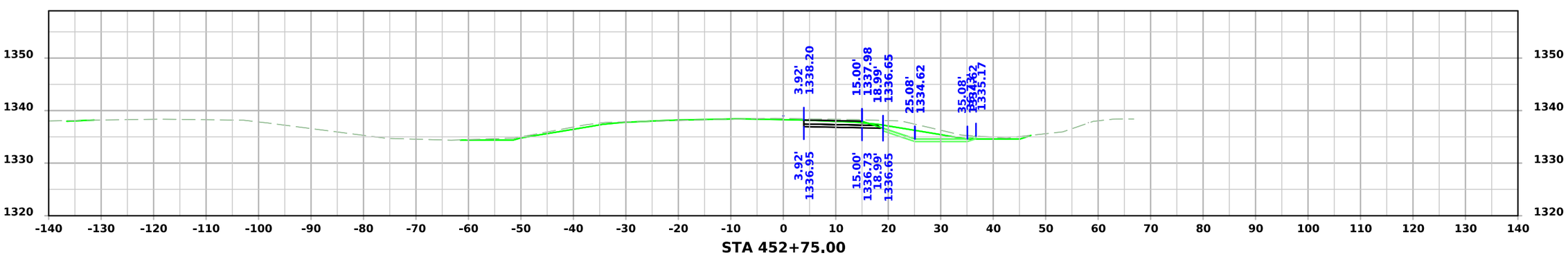
DETOUR US71NB



STA 453+25.00



STA 453+00.00

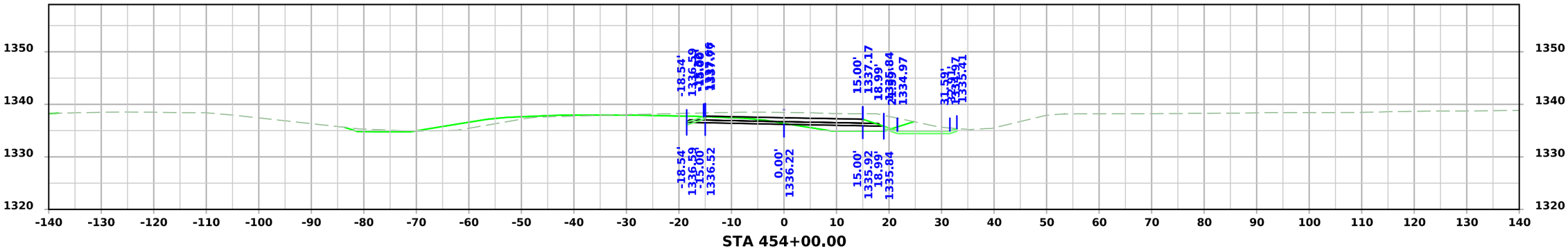


STA 452+75.00

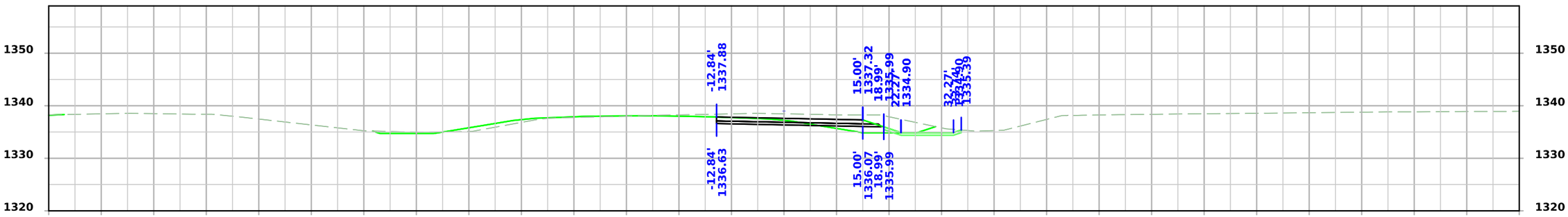
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.64

2:44:58 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W04.dgn

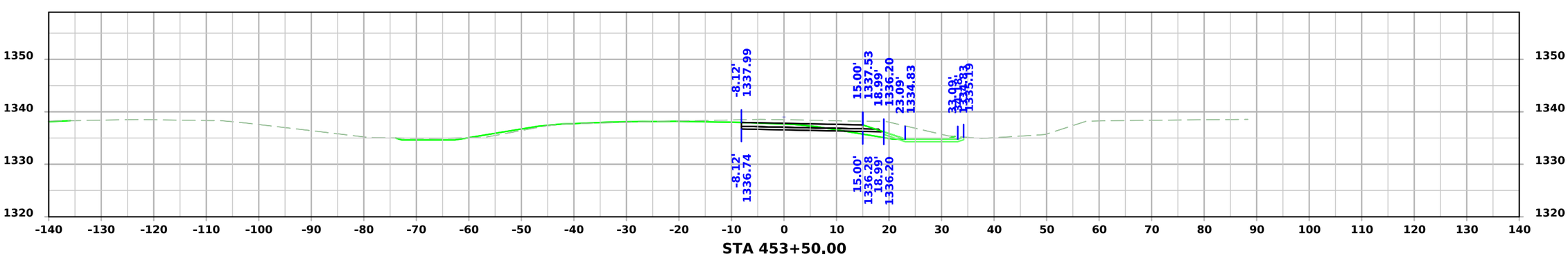
DETOUR US71NB



STA 454+00.00



STA 453+75.00

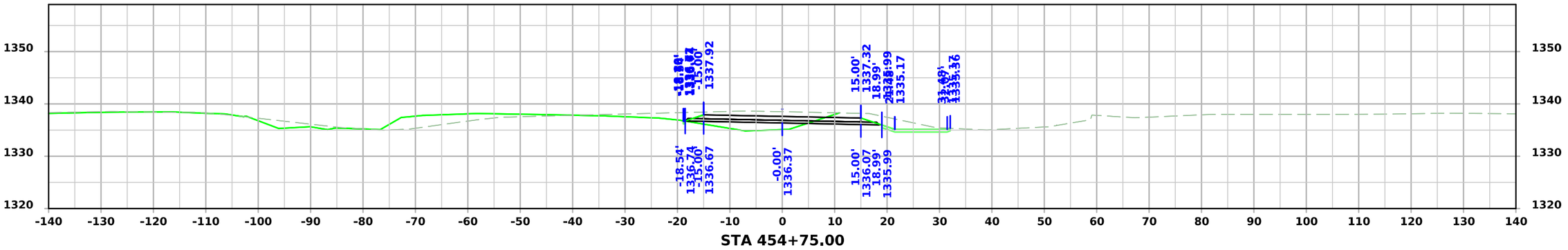


STA 453+50.00

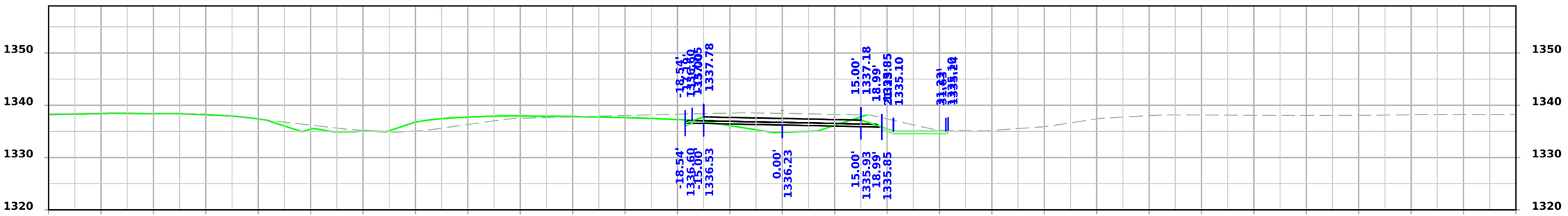
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.65	

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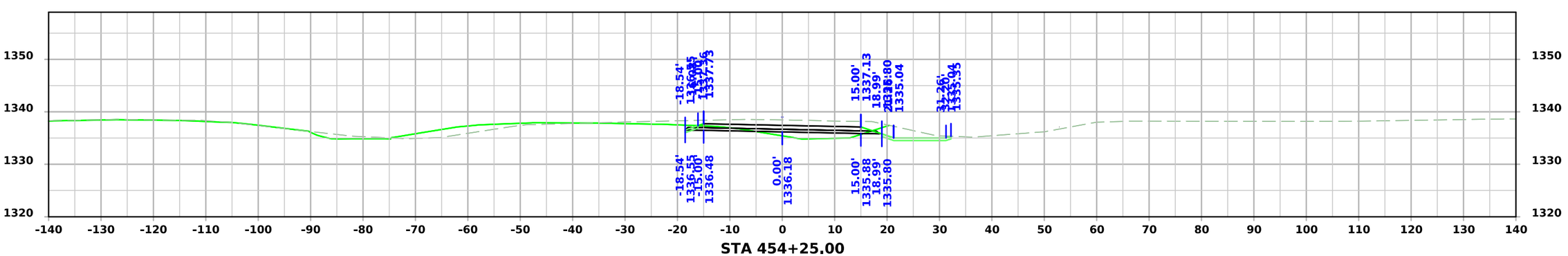
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STA 454+50.00

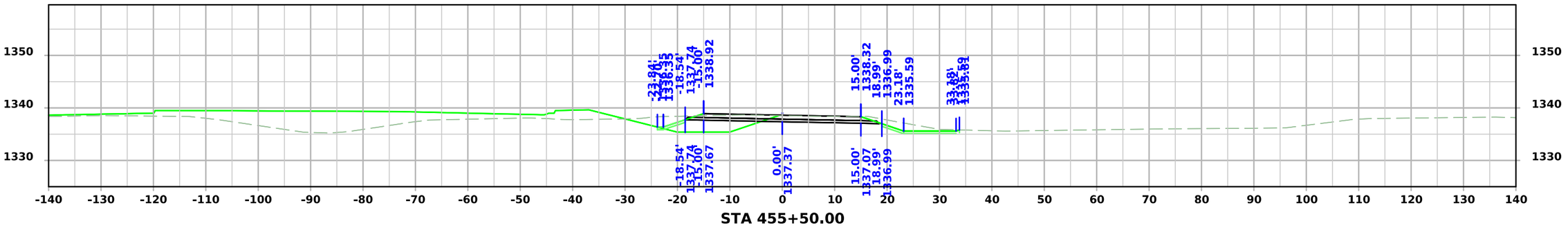


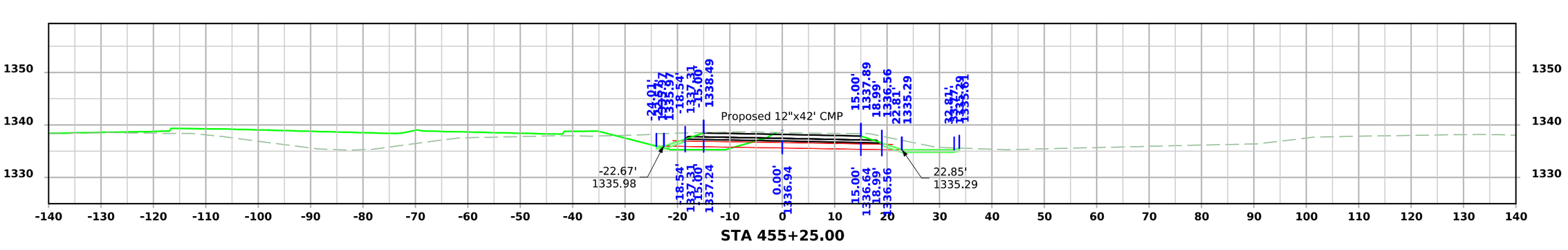
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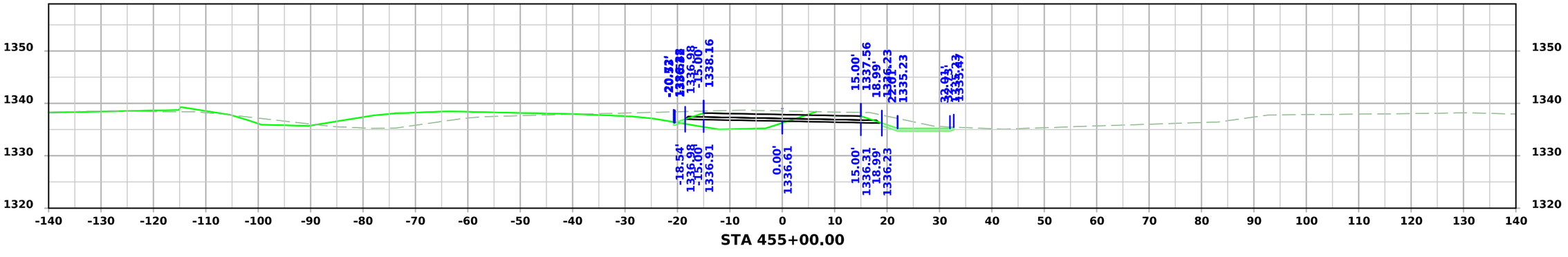
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.66	

2:44:59 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W04.dgn

DETOUR US71NB



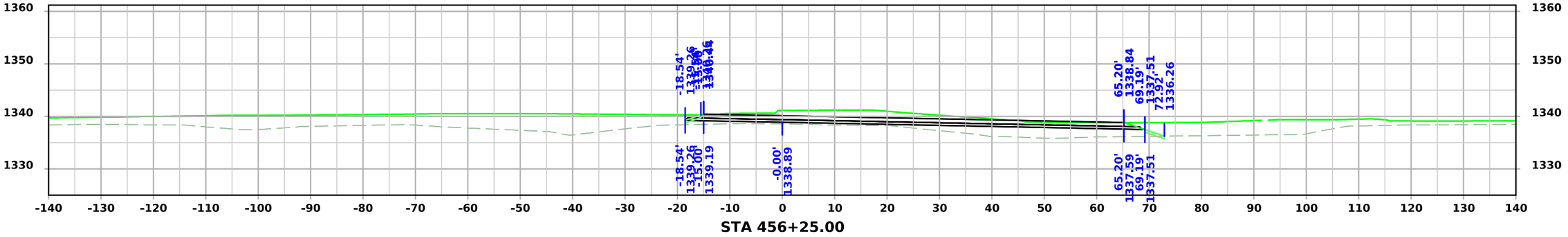




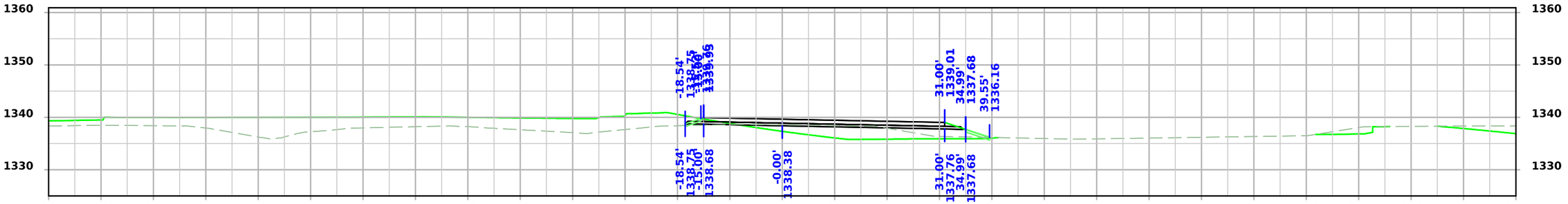
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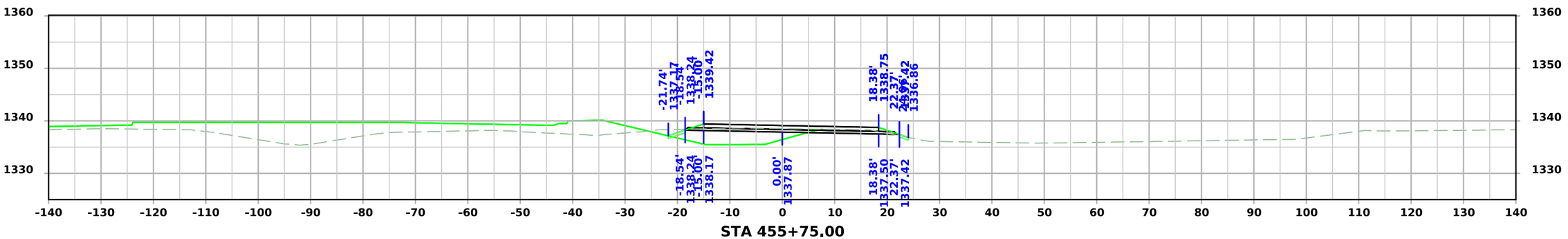
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STA 456+25.00



STA 456+00.00

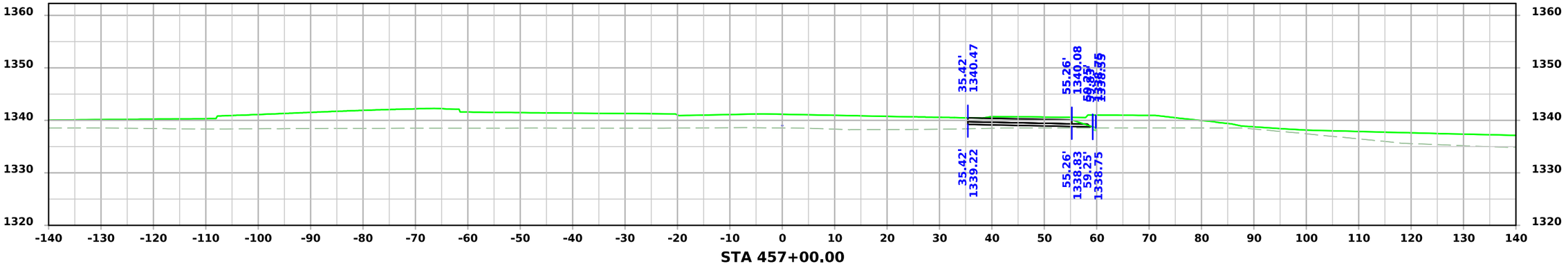


STA 455+75.00

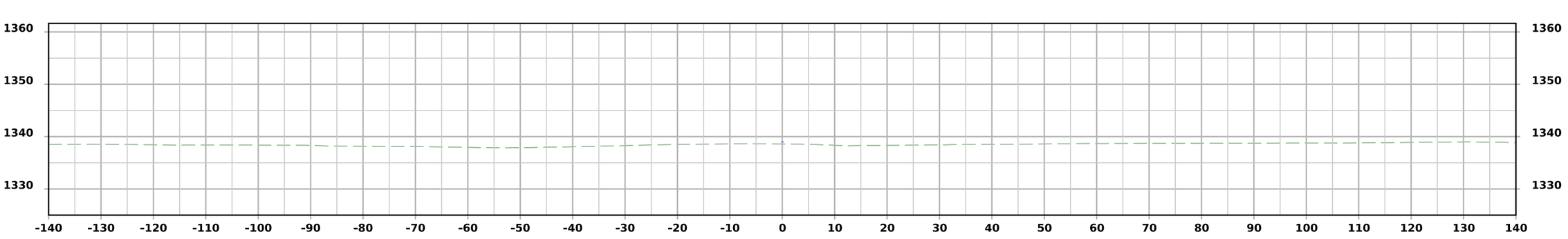
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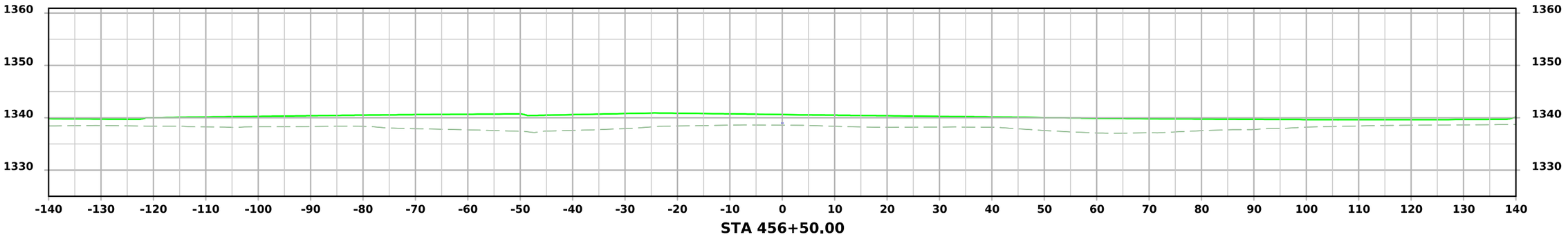
DETOUR US71NB



STA 457+00.00



STA 456+75.00

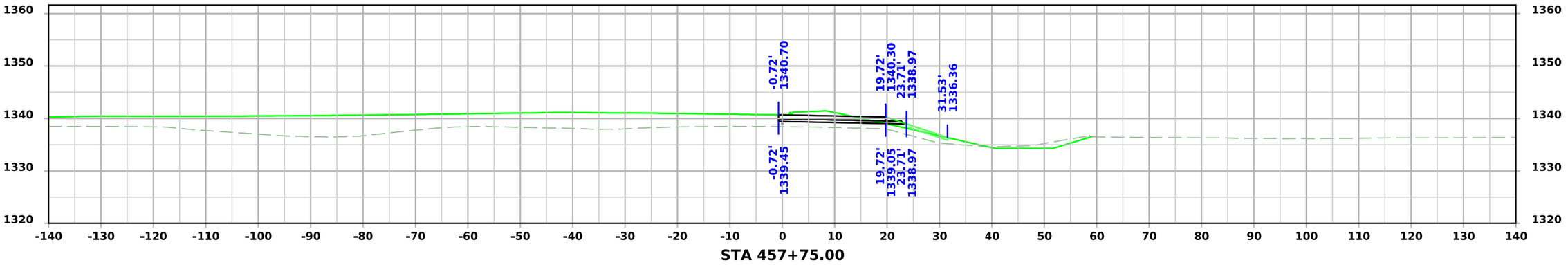


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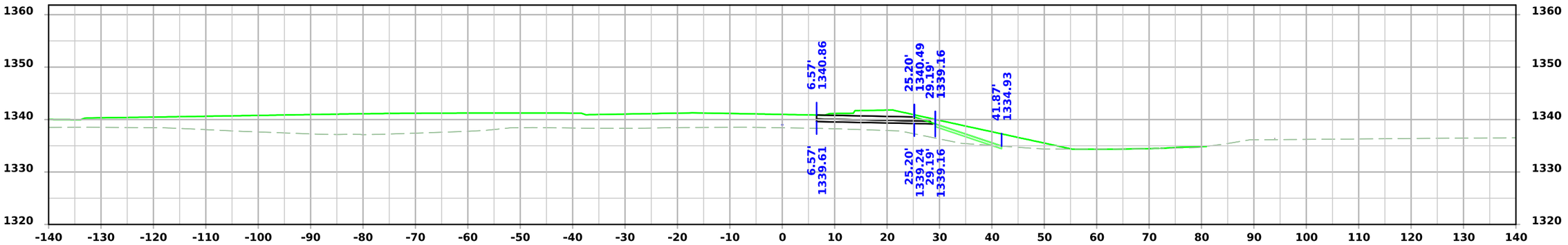
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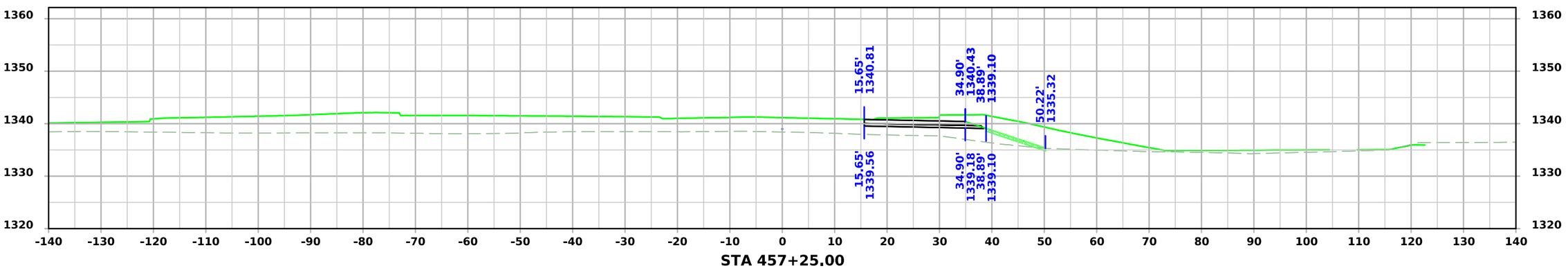
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STA 457+75.00



STA 457+50.00

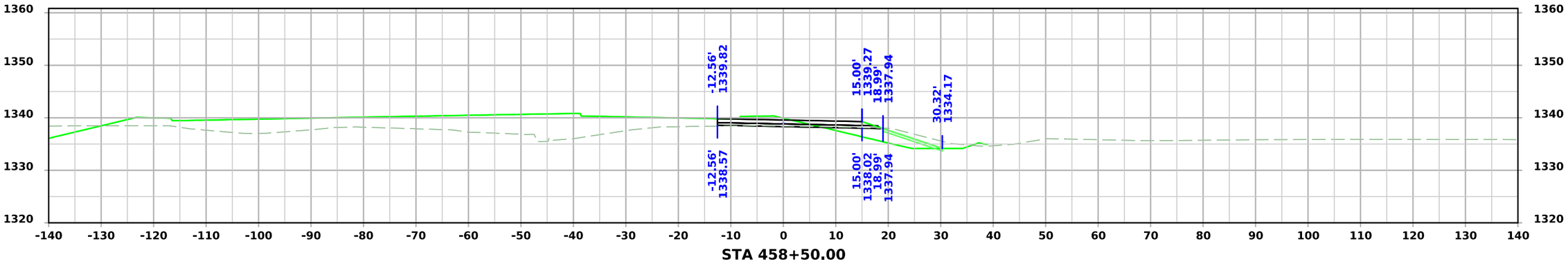


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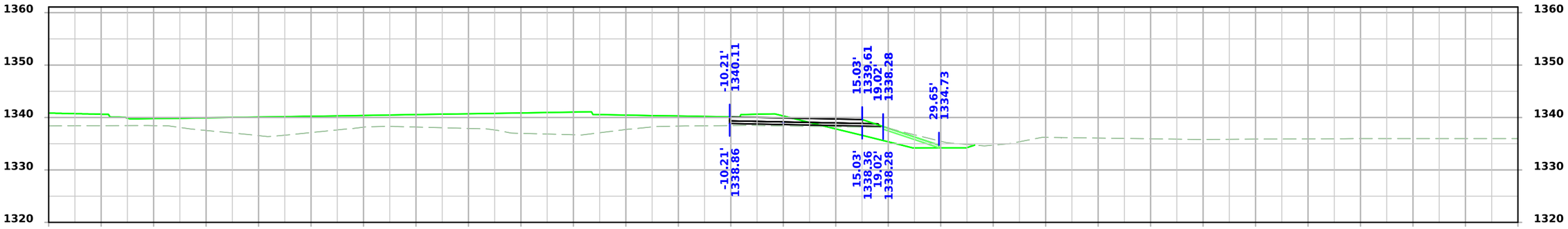
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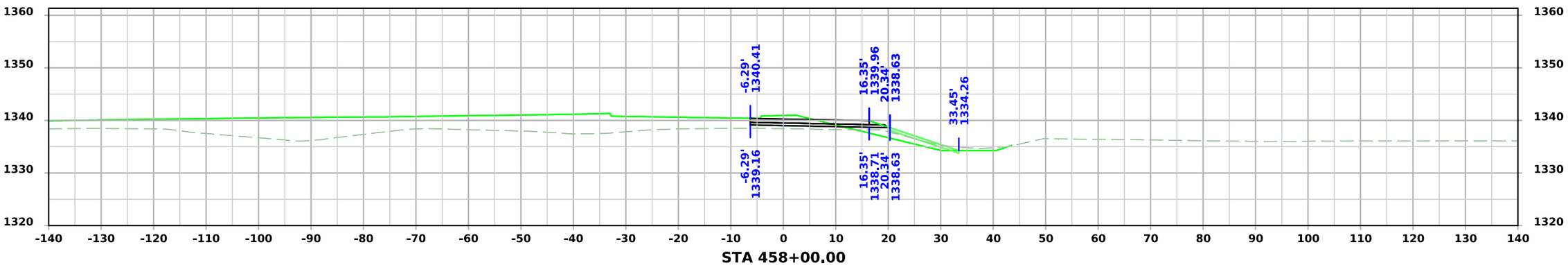
DETOUR US71NB



STA 458+50.00



STA 458+25.00

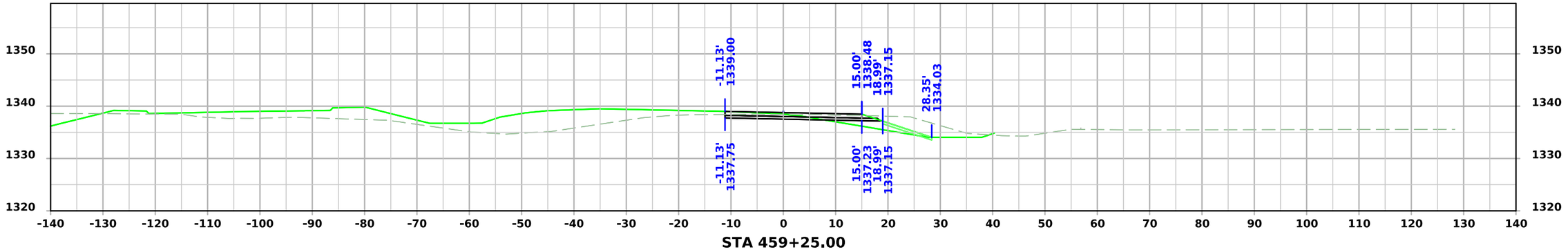


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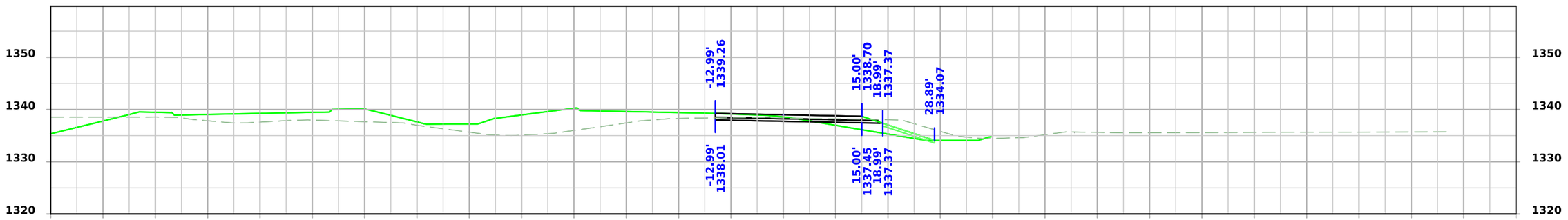
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.71

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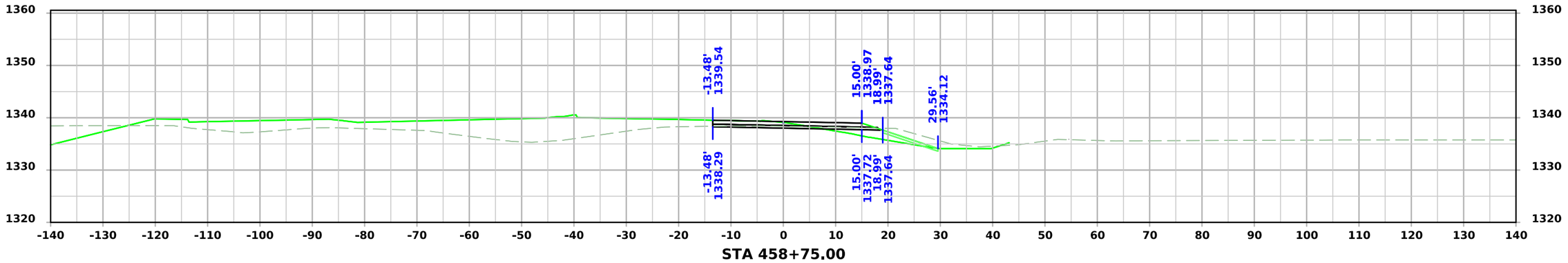
DETOUR US71NB



STA 459+25.00



STA 459+00.00

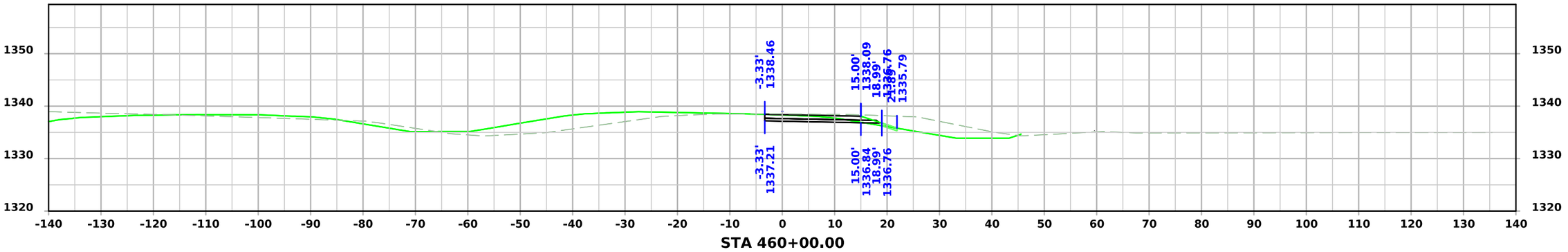


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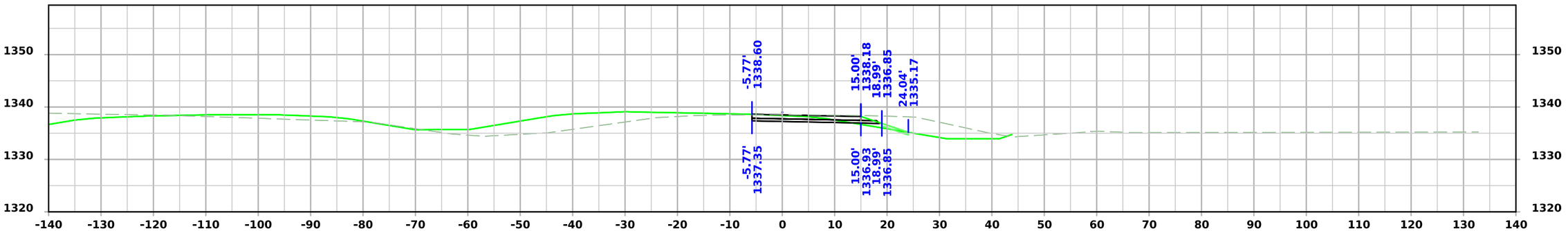
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.72	

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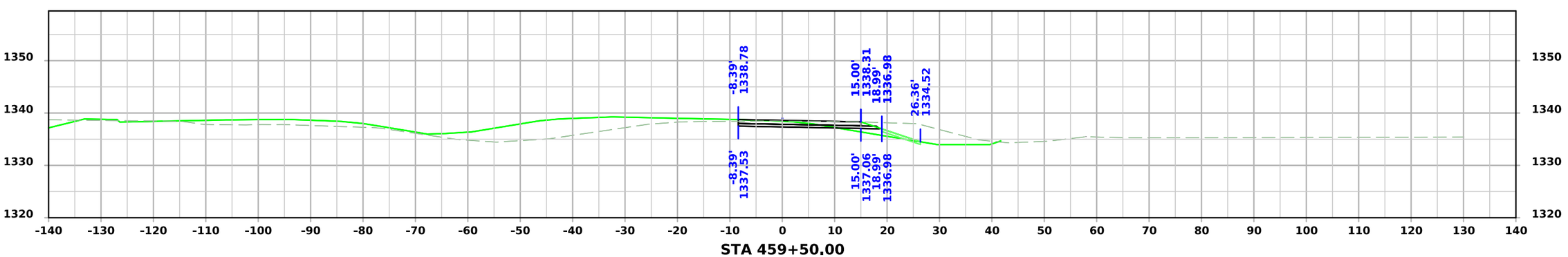
DETOUR US71NB



STA 460+00.00



STA 459+75.00

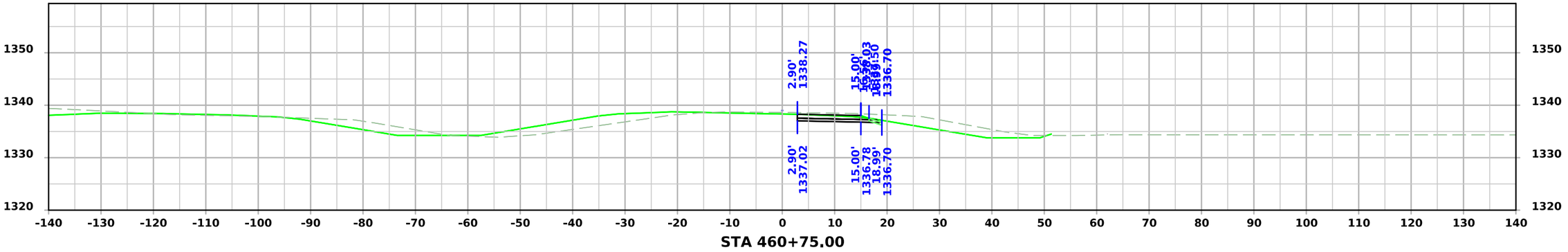


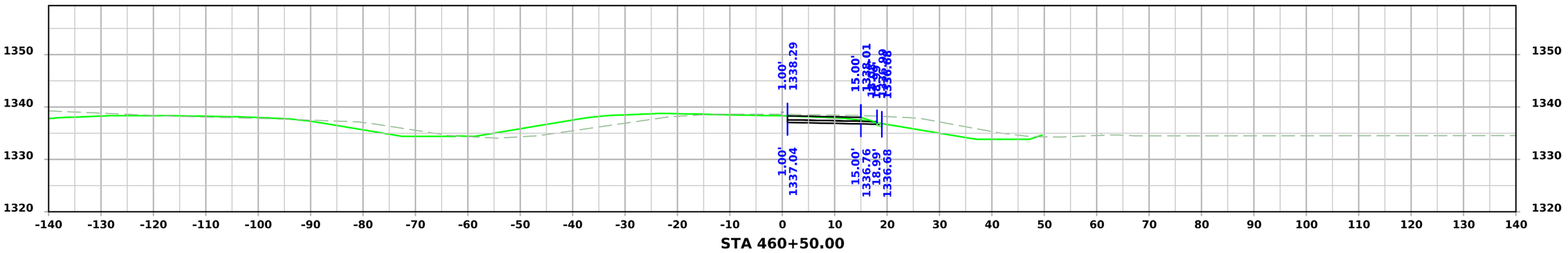
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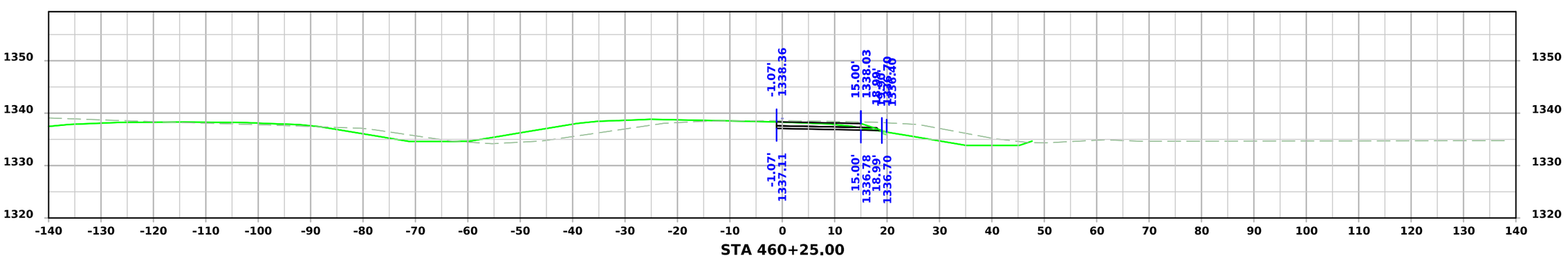
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DETOUR US71NB



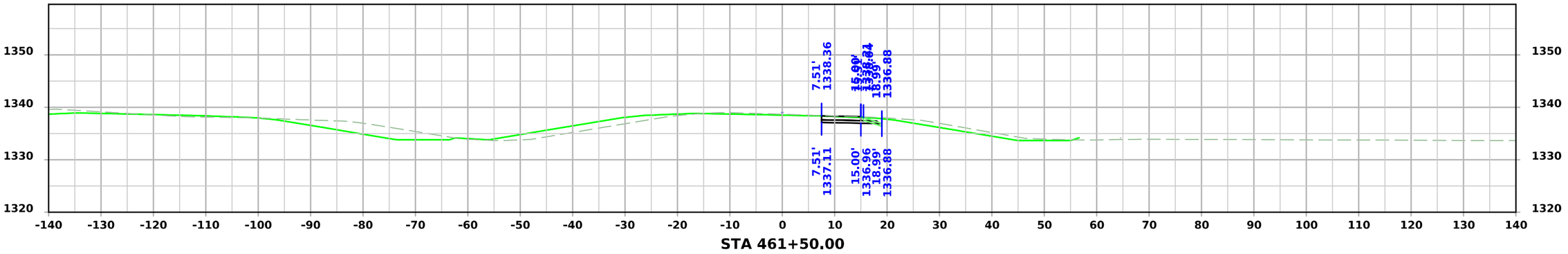




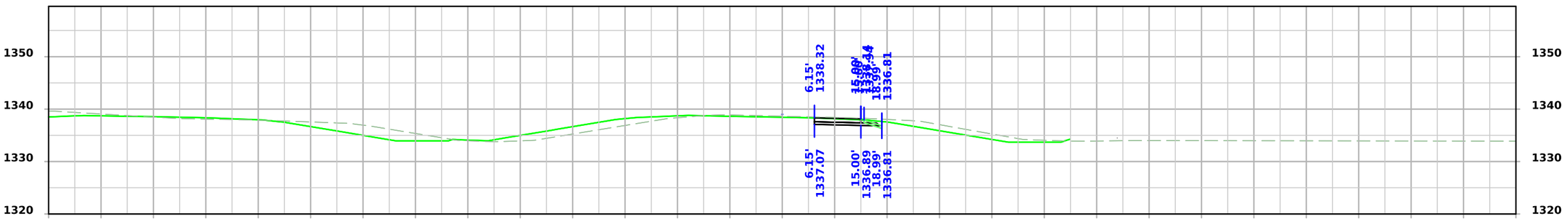
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2:45:04 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_W04.dgn

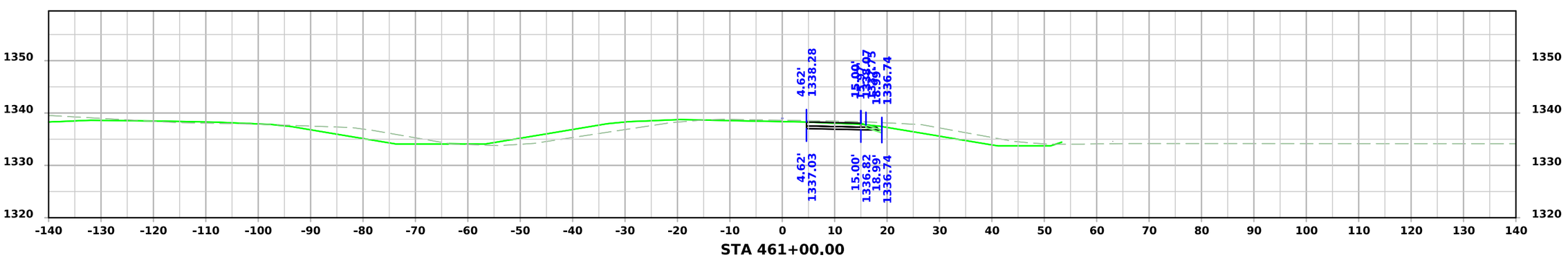
DETOUR US71NB



STA 461+50.00



STA 461+25.00

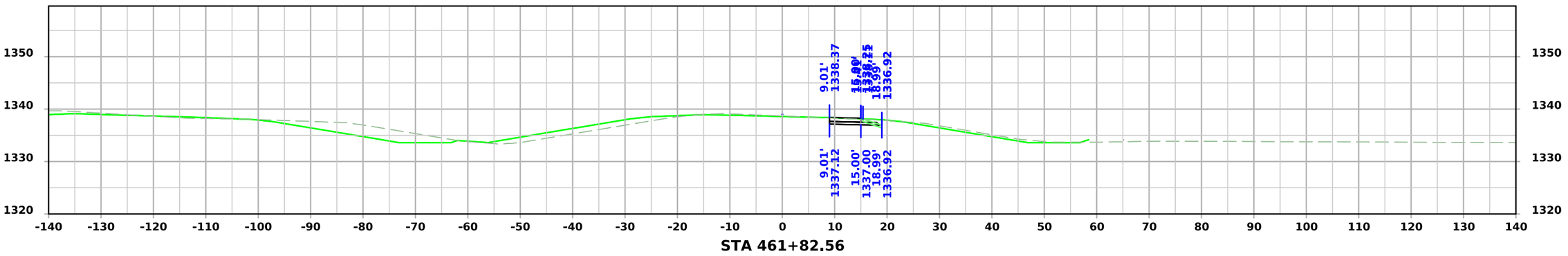


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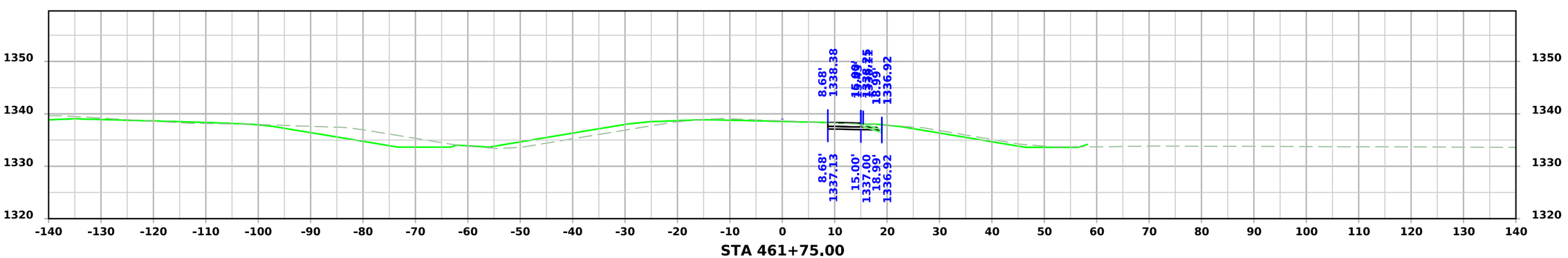
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.75

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DETOUR US71NB



STA 461+82.56

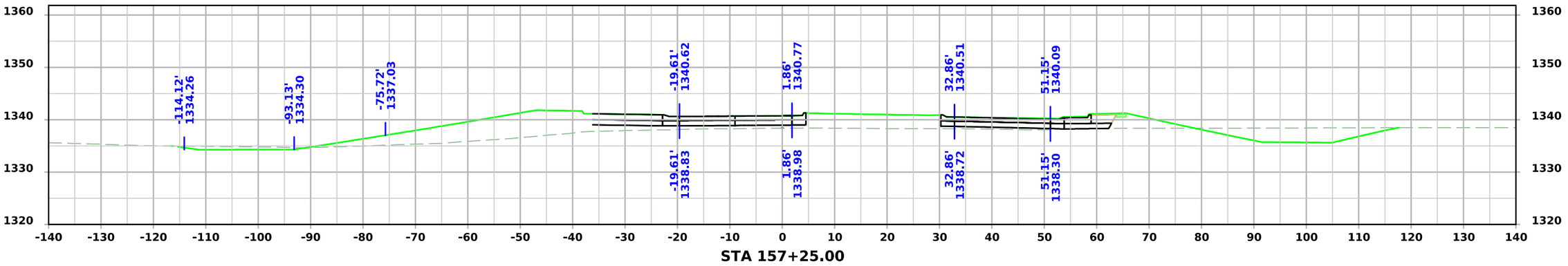


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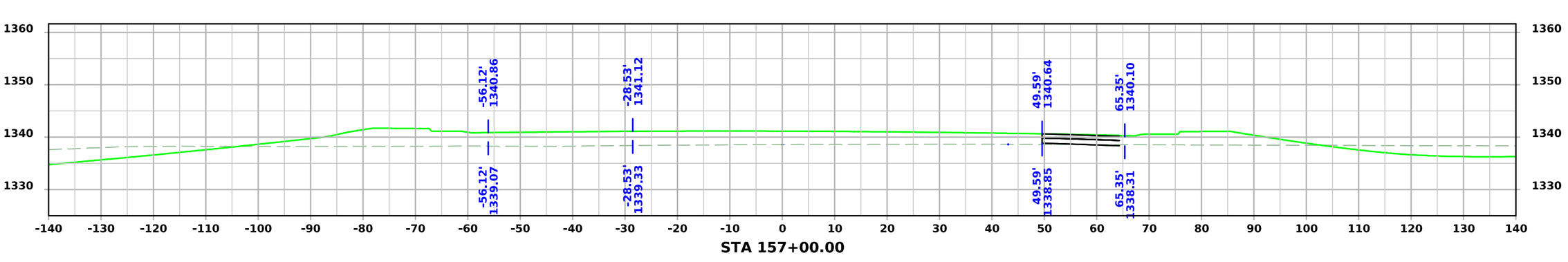
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER W.76

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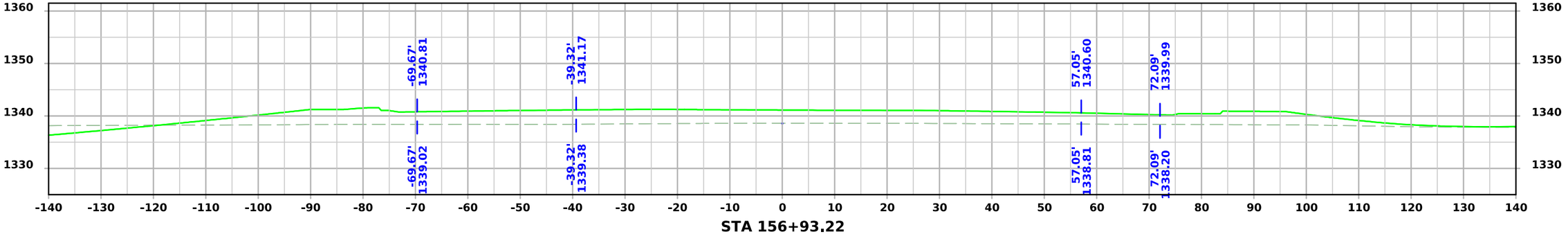
320th St



STA 157+25.00



STA 157+00.00

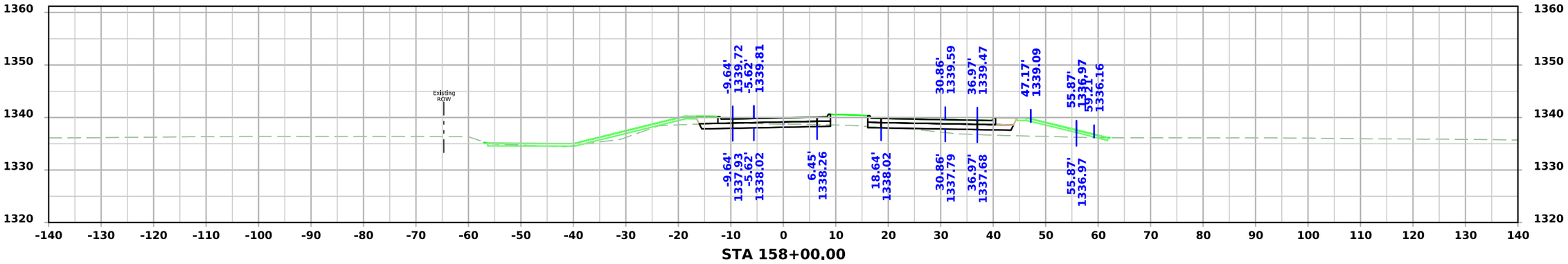


STA 156+93.22

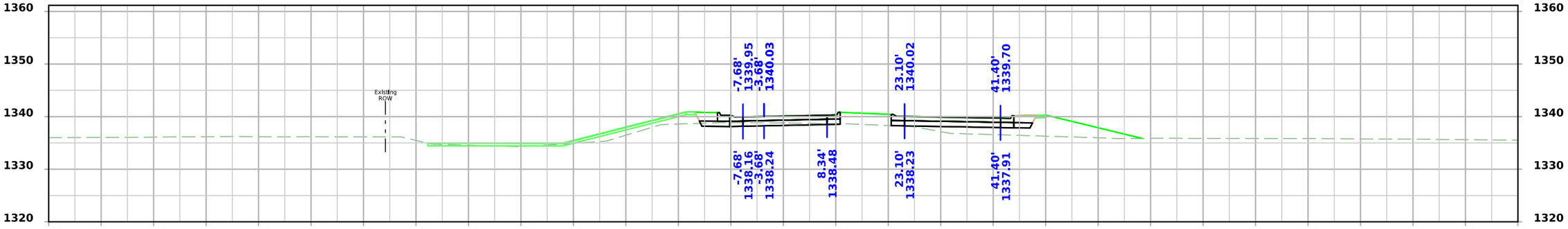
FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**Clay** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **X.1**

2:45:18 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

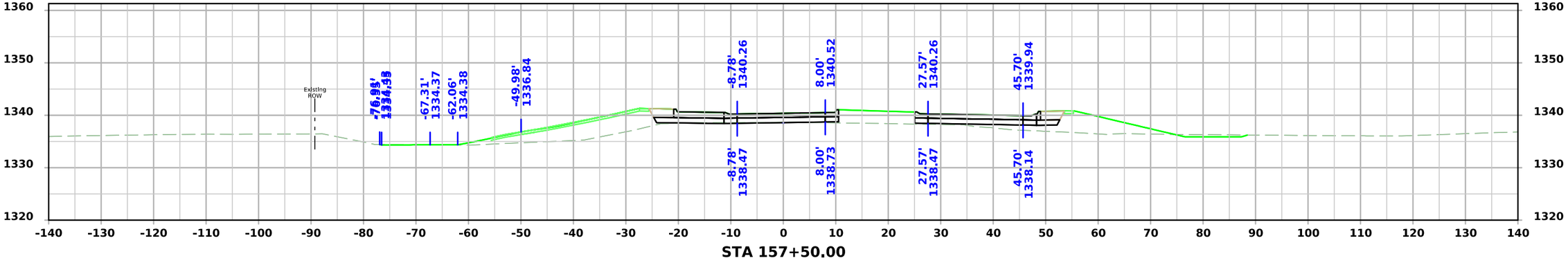
320th St



STA 158+00.00



STA 157+75.00

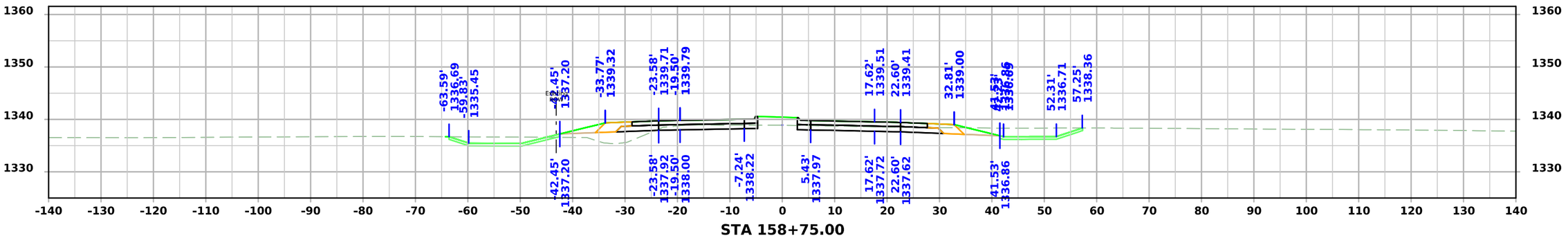


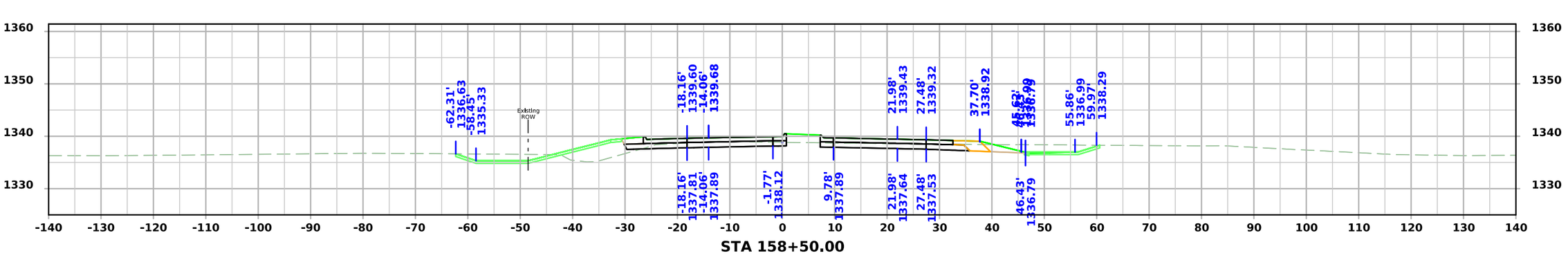
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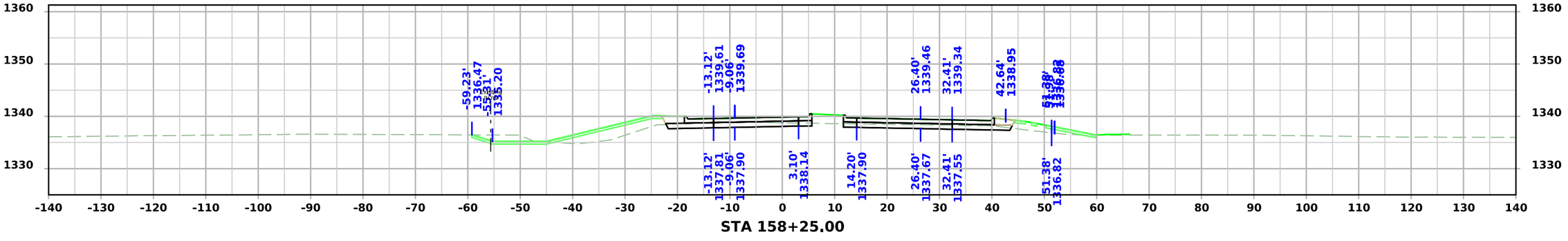
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2:45:19 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

320th St



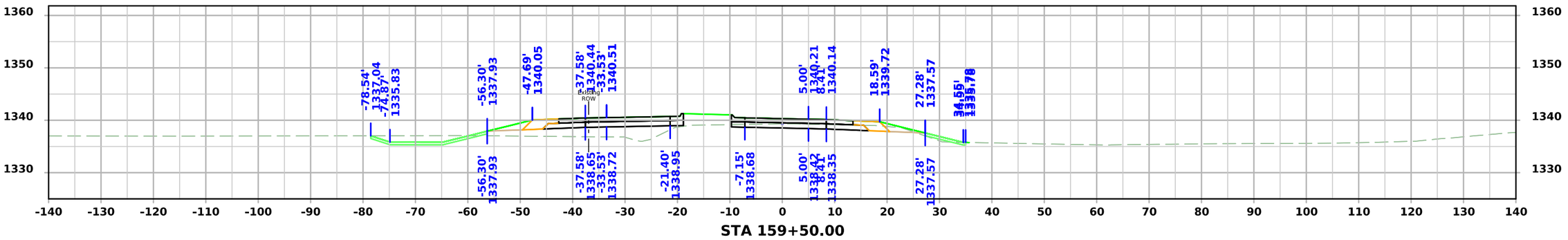


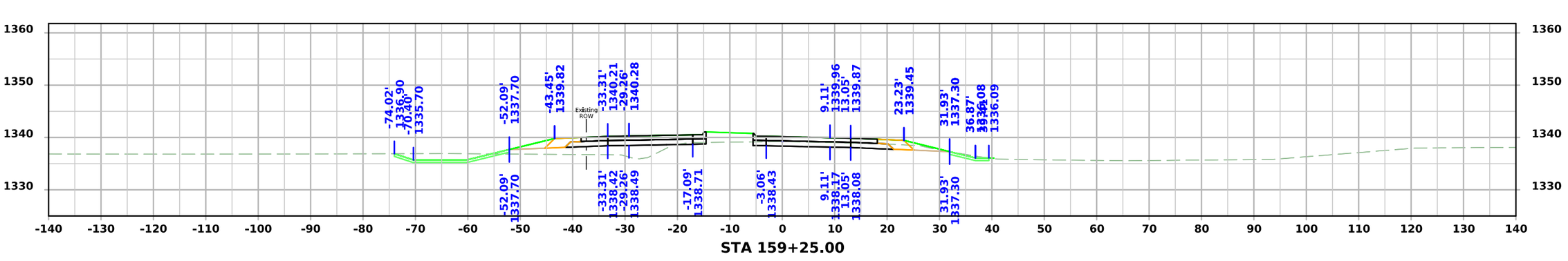


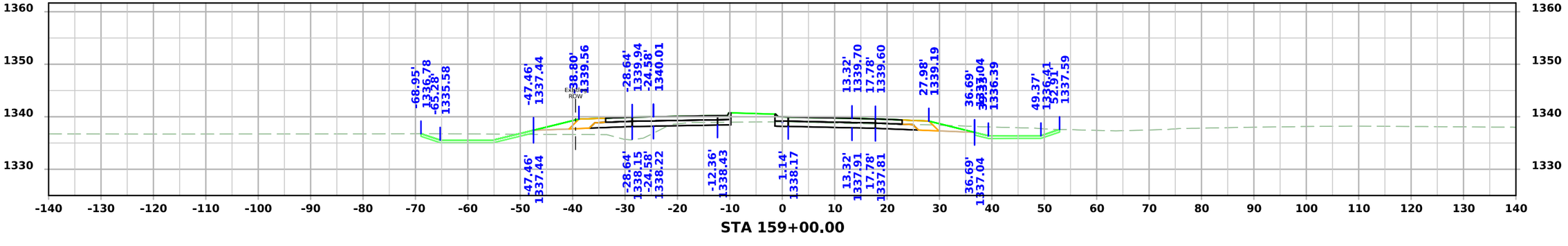
FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**Clay** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **X.3**

2:45:20 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

320th St



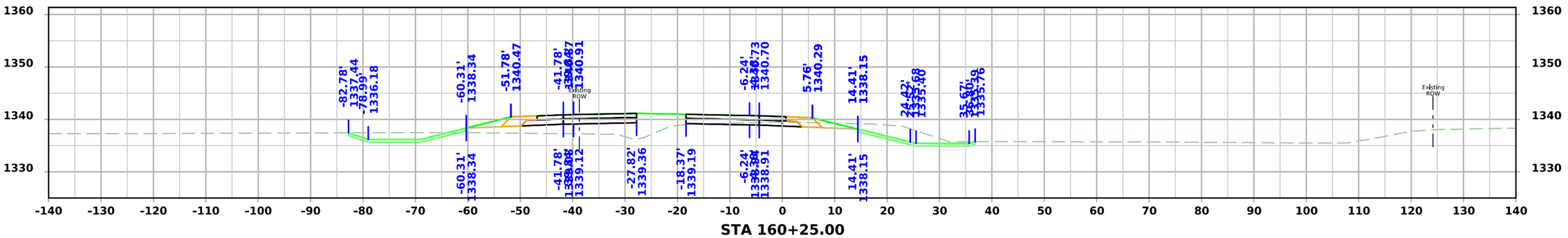


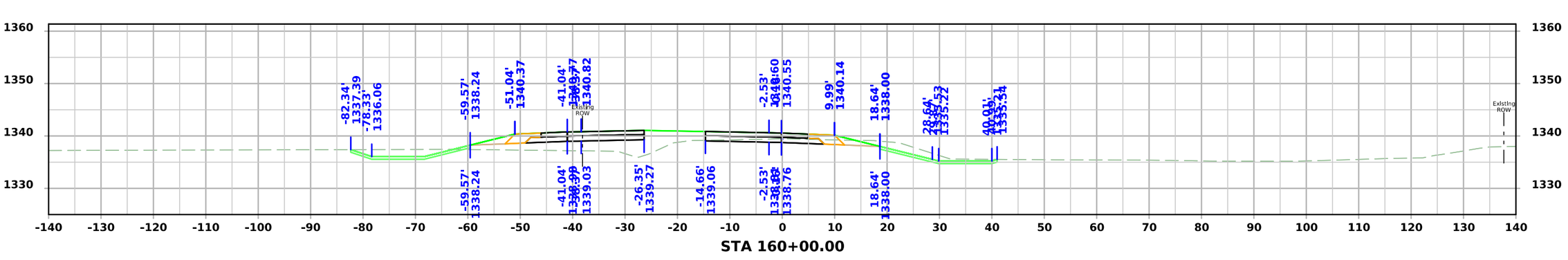


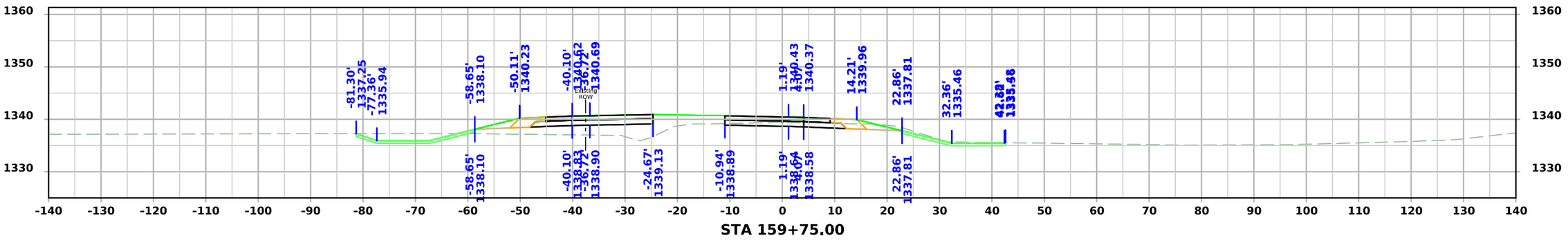
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2:45:22 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

320th St



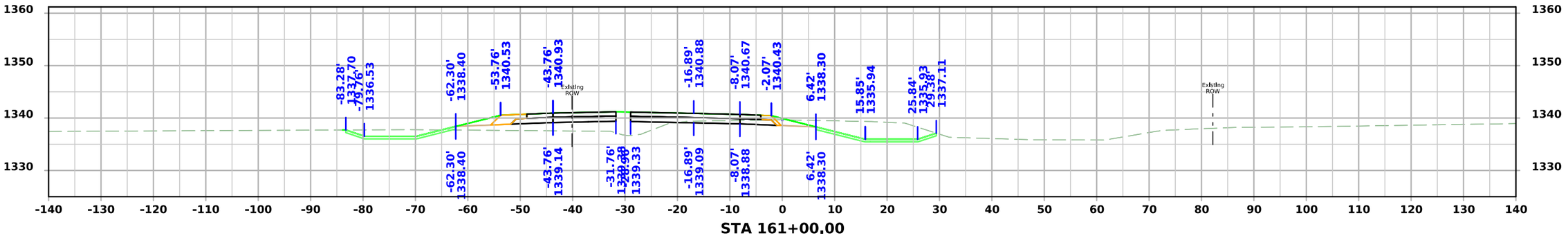


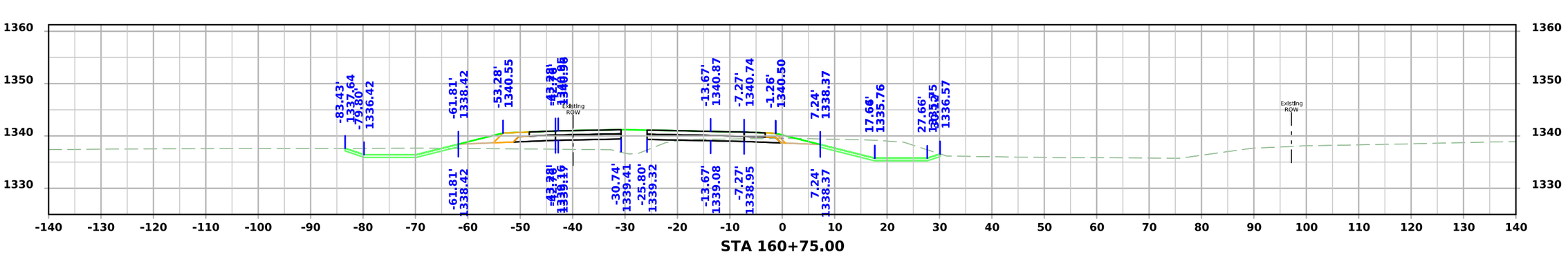


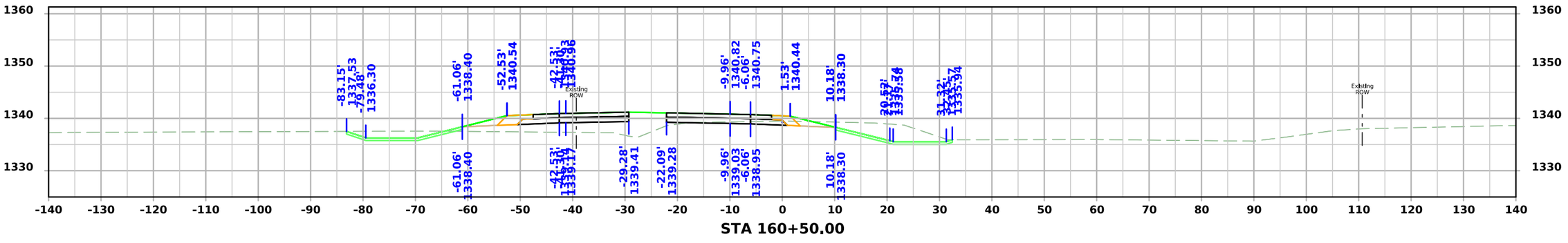
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2:45:23 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

320th St



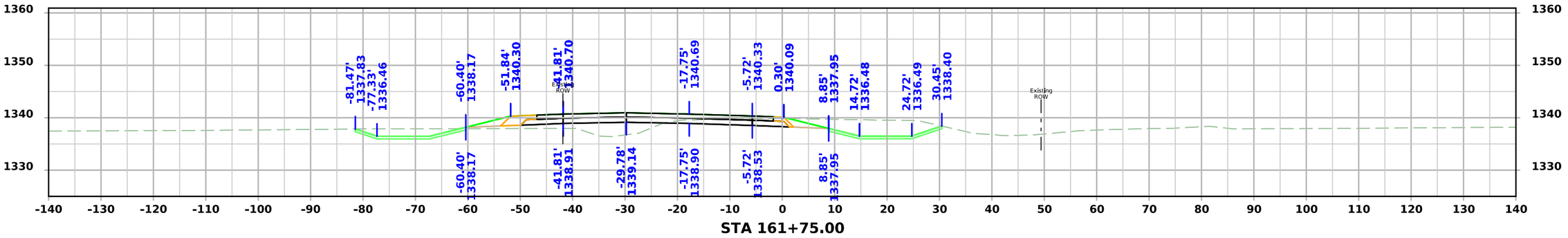




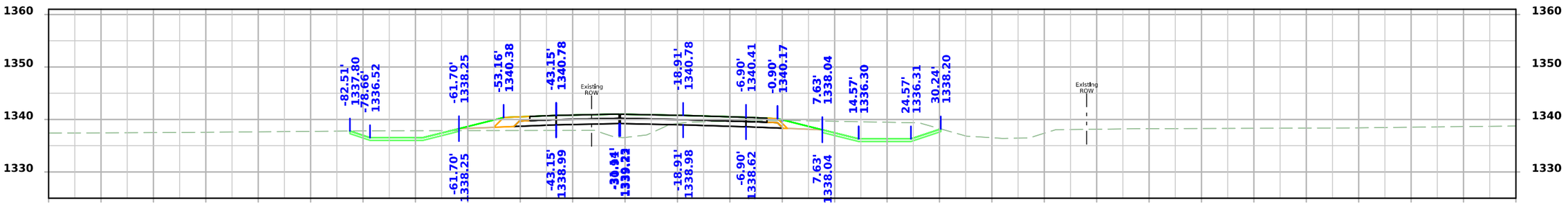
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2:45:24 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

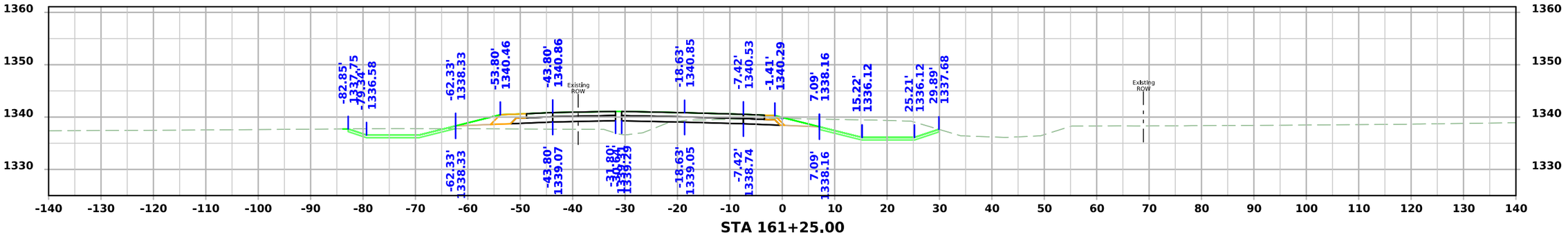
320th St



STA 161+75.00



STA 161+50.00

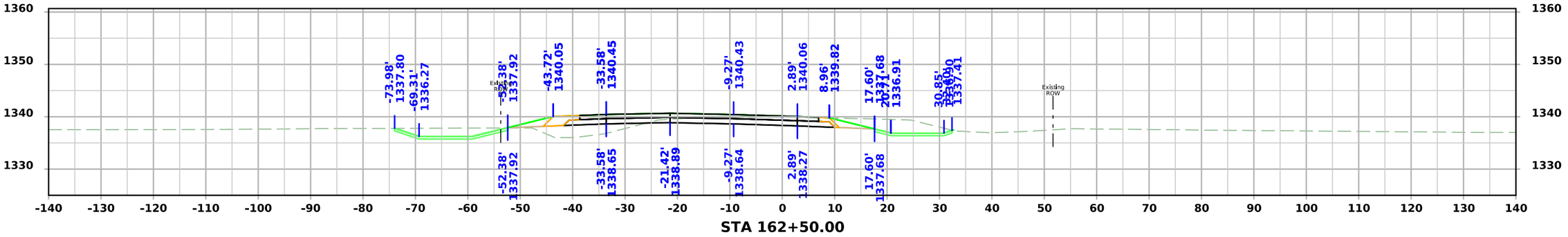


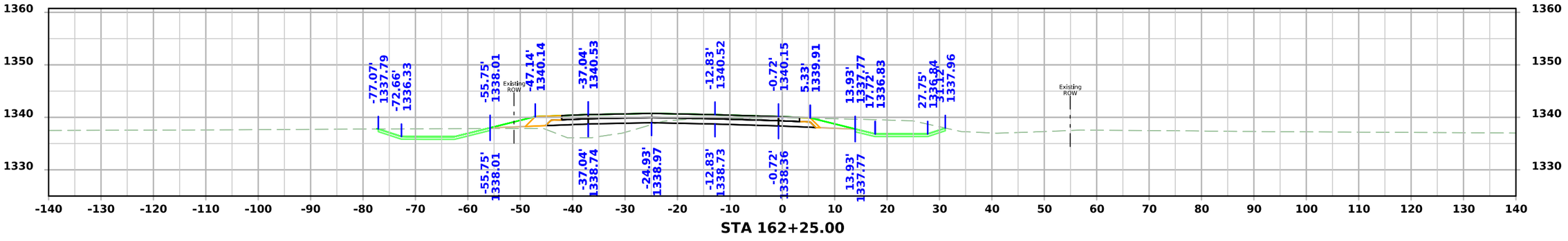
STA 161+25.00

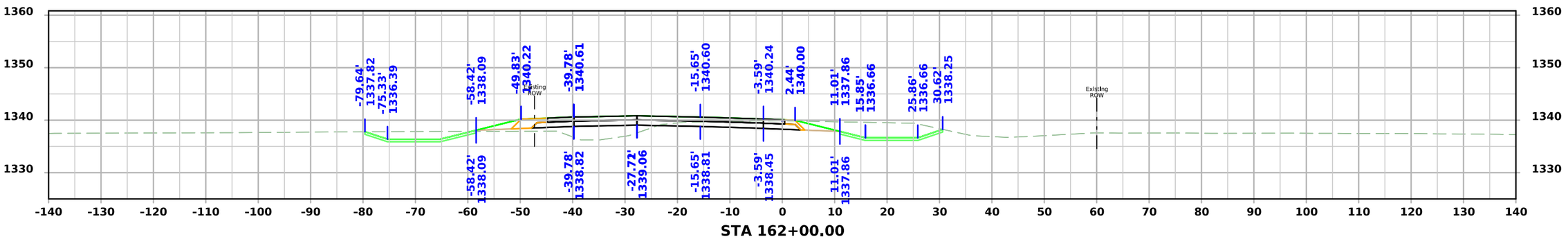
FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**Clay** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **X.7**

2:45:25 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

320th St



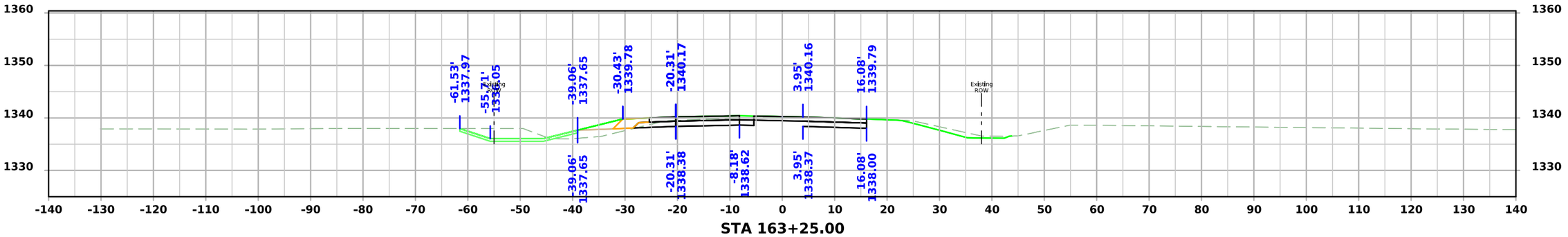




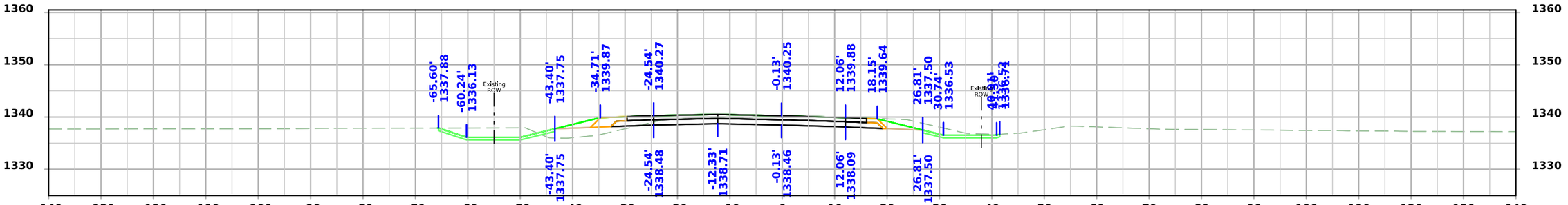
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2:45:26 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

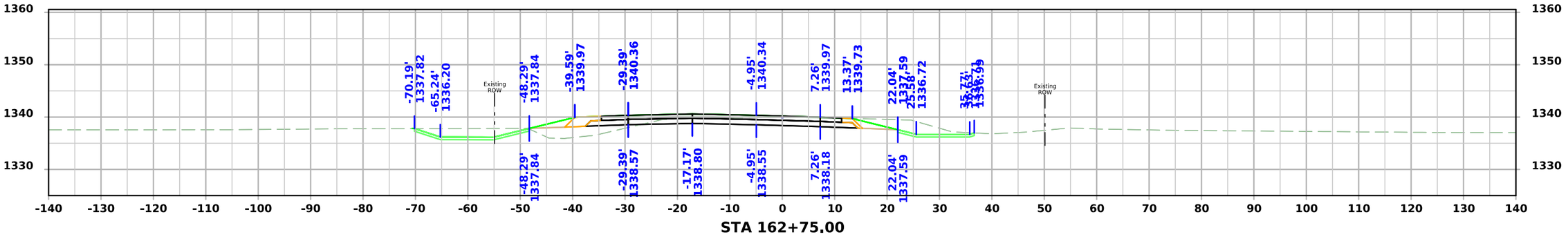
320th St



STA 163+25.00



STA 163+00.00

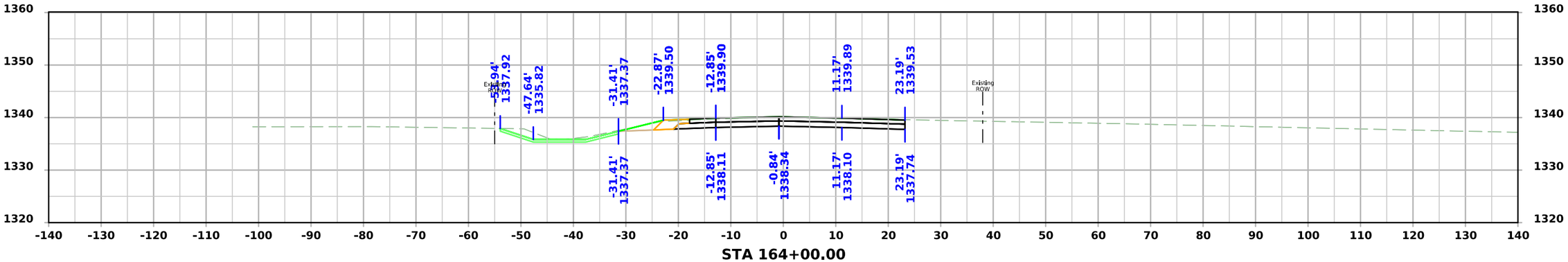


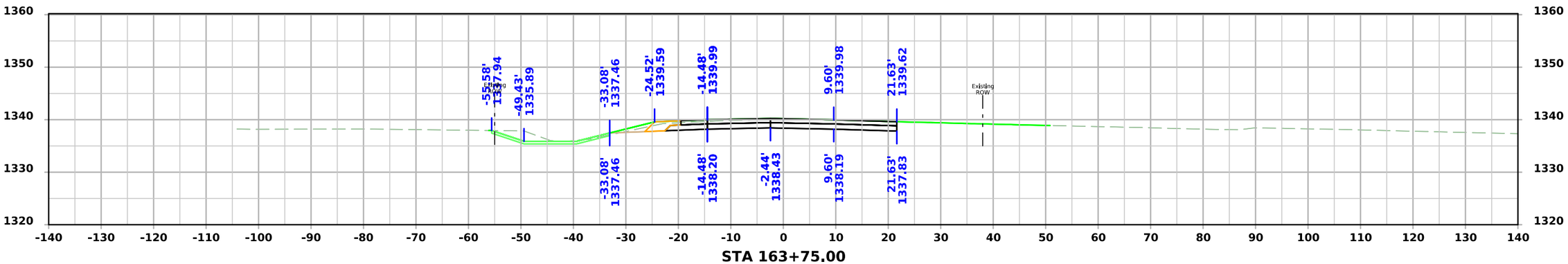
STA 162+75.00

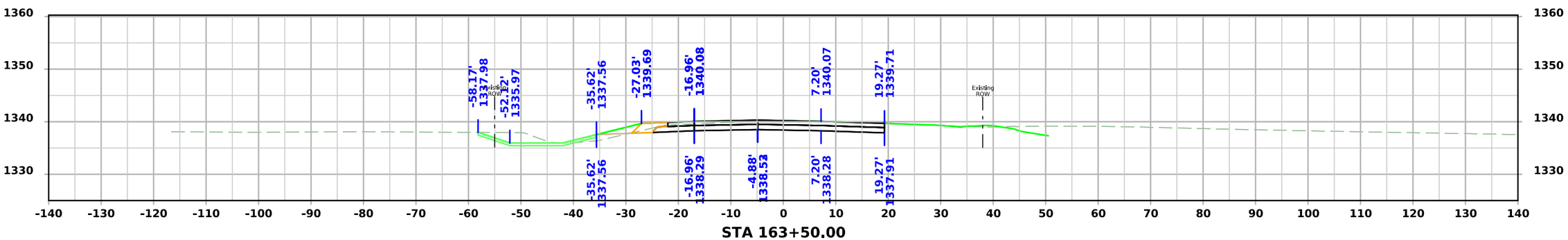
FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**Clay** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **X.9**

2:45:27 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

320th St



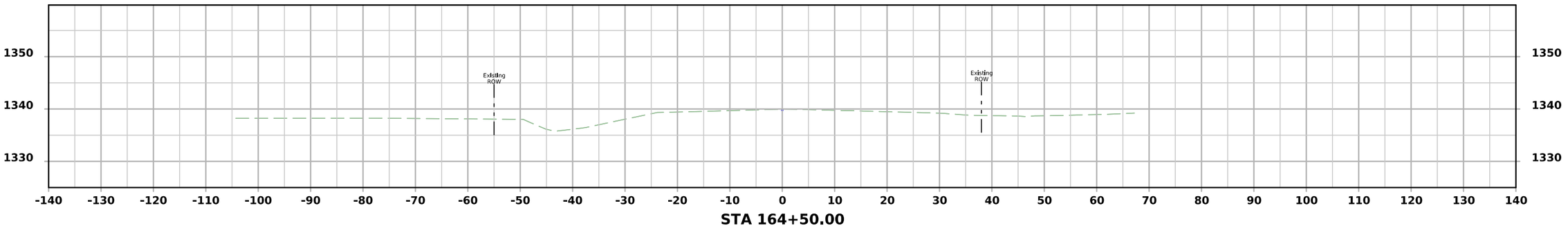




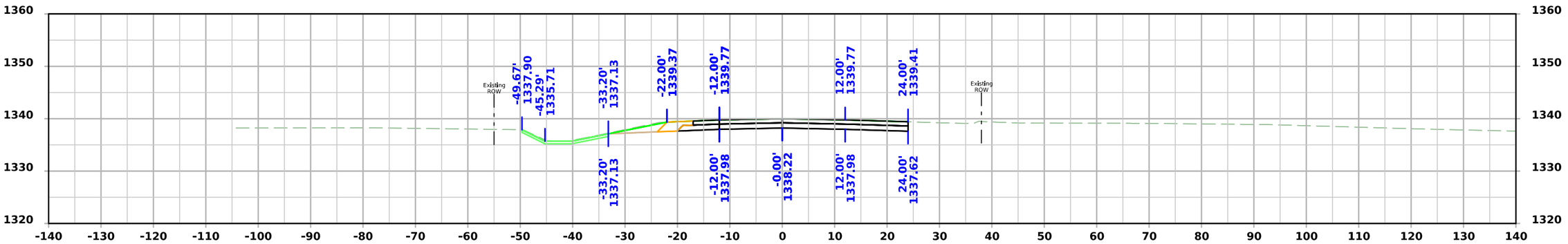
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2:45:28 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

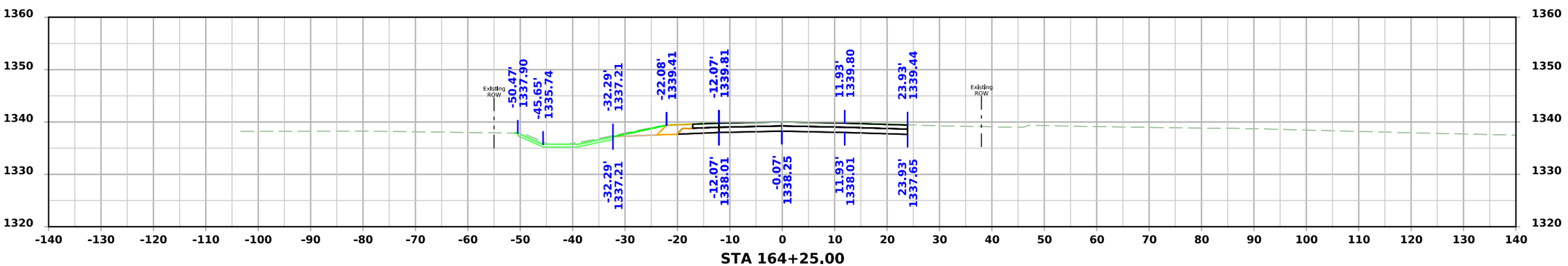
320th St



STA 164+50.00



STA 164+35.43

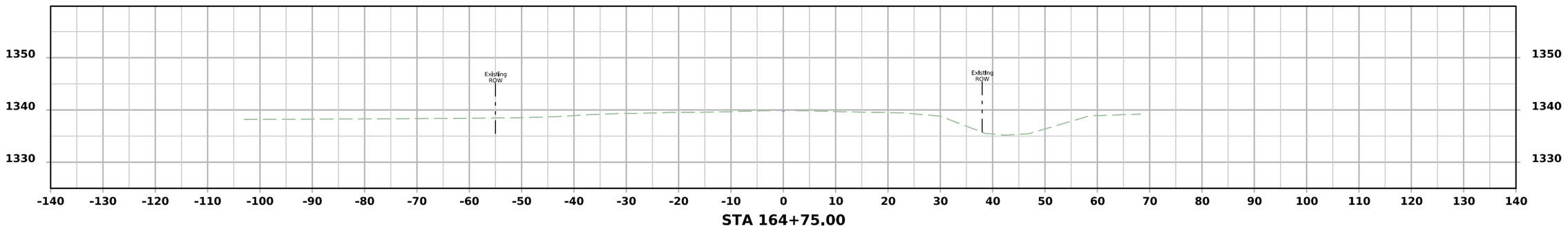


STA 164+25.00

FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**Clay** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **X.11**

2:45:29 PM 12/19/2024 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X01.dgn

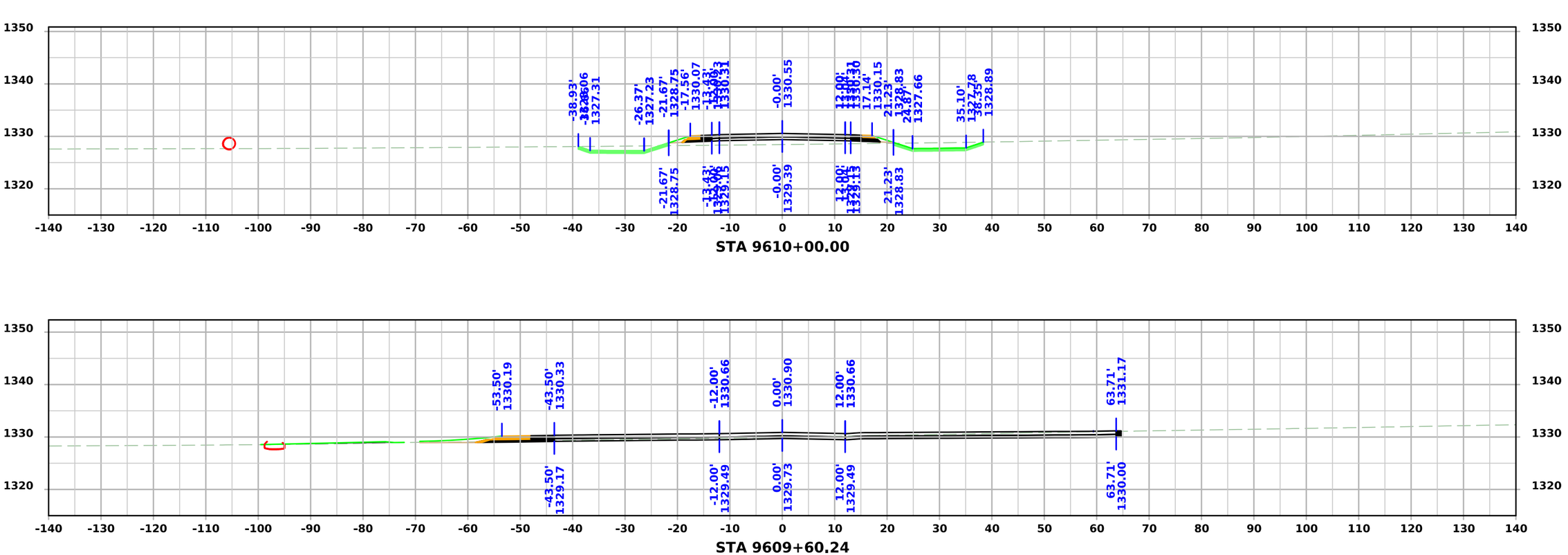
320th St



FILE NO.	ENGLISH	DESIGN TEAM **Strum/Janus/Gunderson**	**Clay** COUNTY	PROJECT NUMBER **HSIPX-018-2(142)--3L-21**	SHEET NUMBER **X.12**	

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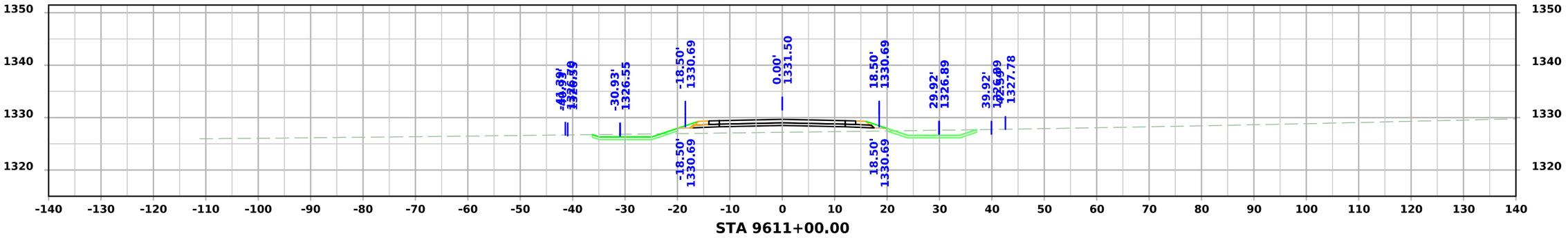
4th Ave NW



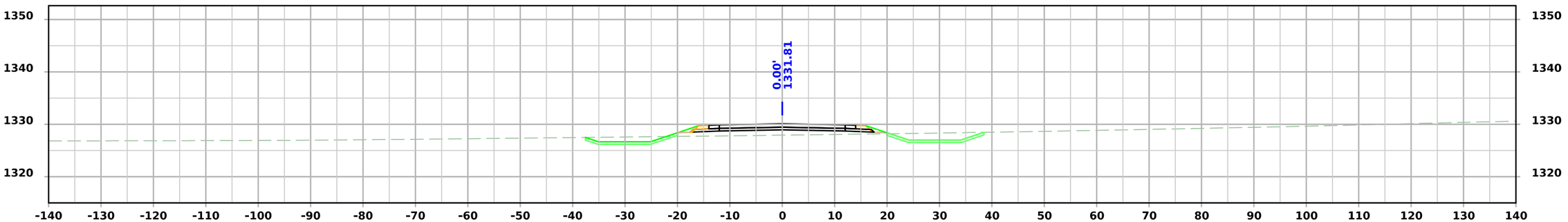
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10:11:46 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X02_4thNW_.dgn

4th Ave NW



STA 9611+00.00

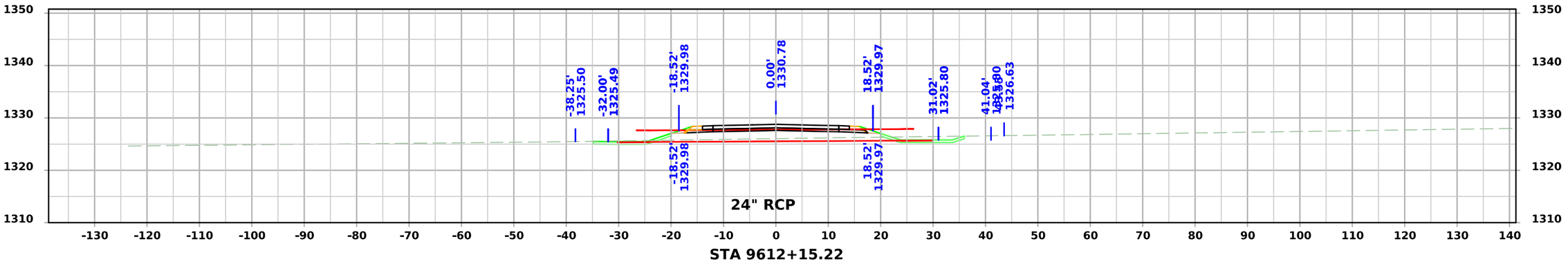


STA 9610+50.00

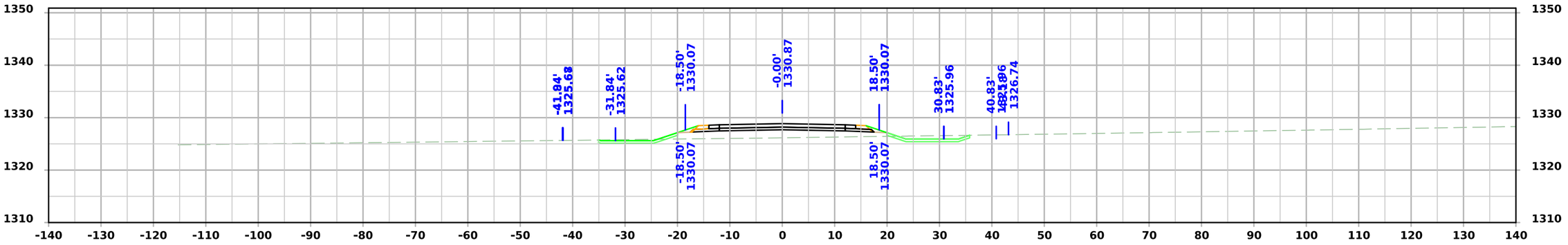
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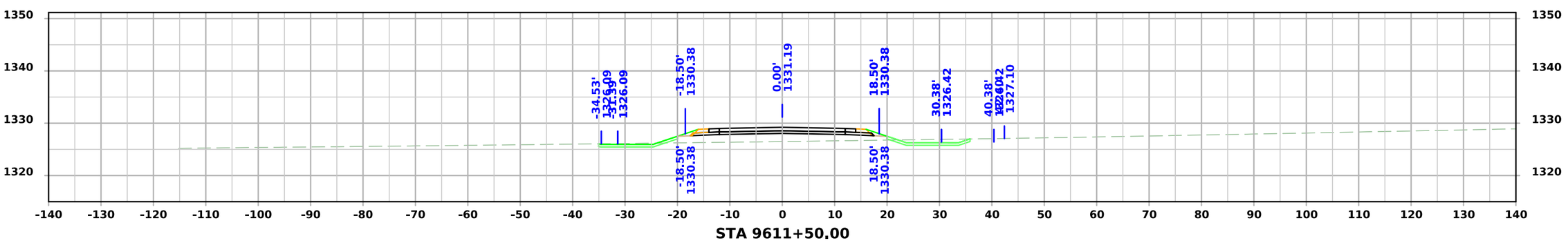
4th Ave NW



STA 9612+15.22



STA 9612+00.00

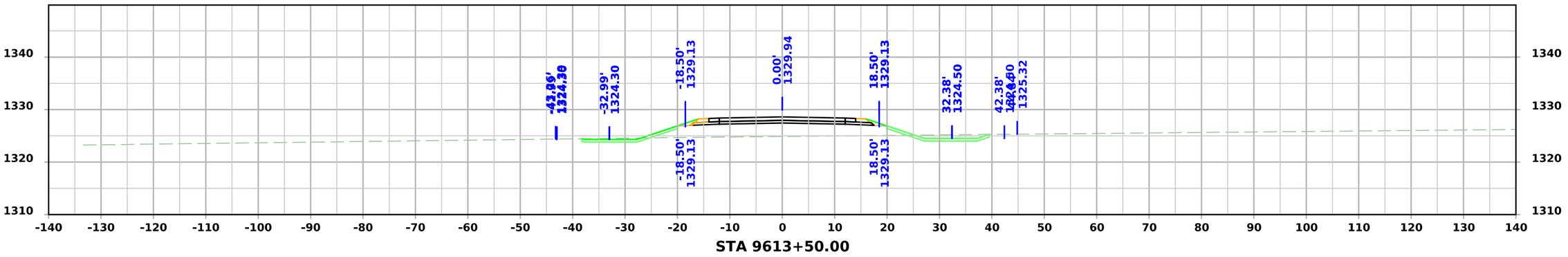


STA 9611+50.00

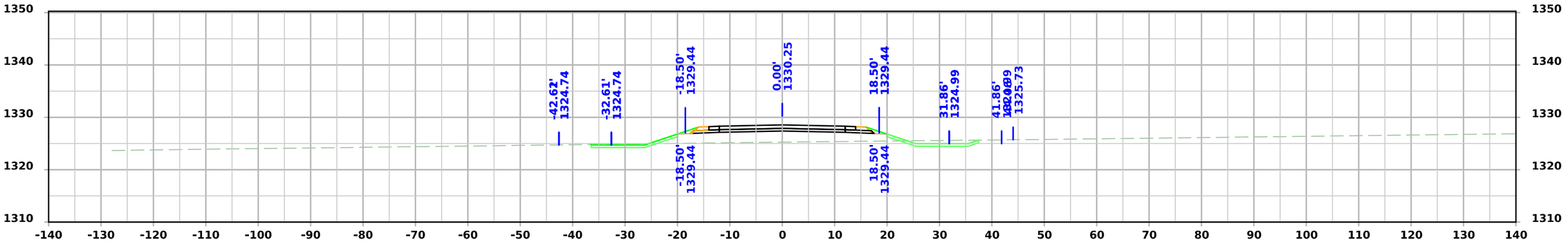
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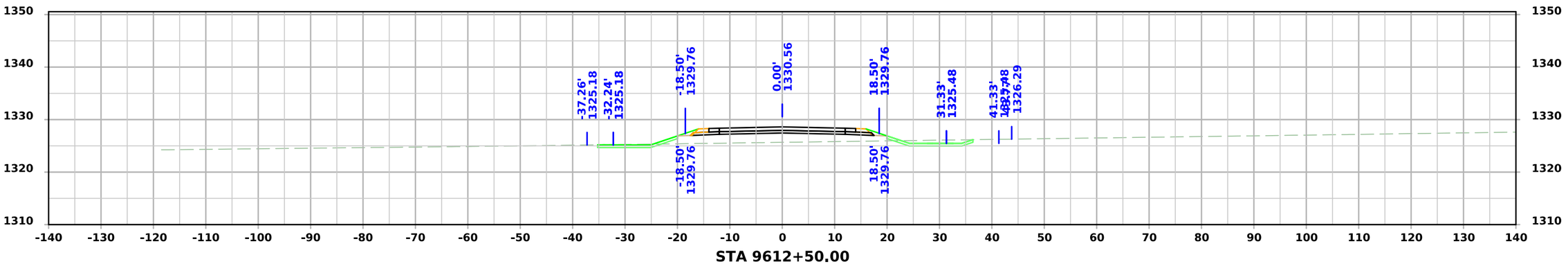
4th Ave NW



STA 9613+50.00



STA 9613+00.00

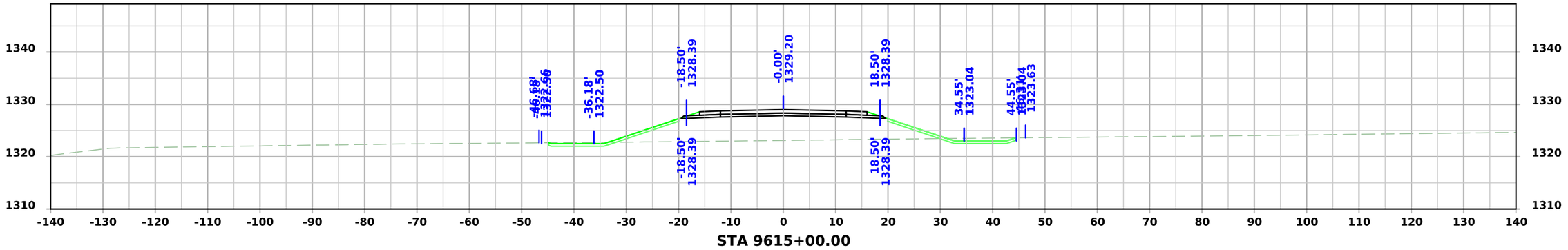


STA 9612+50.00

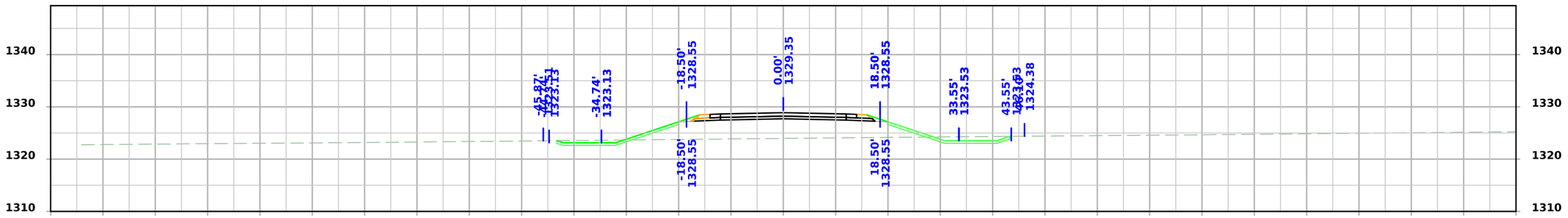
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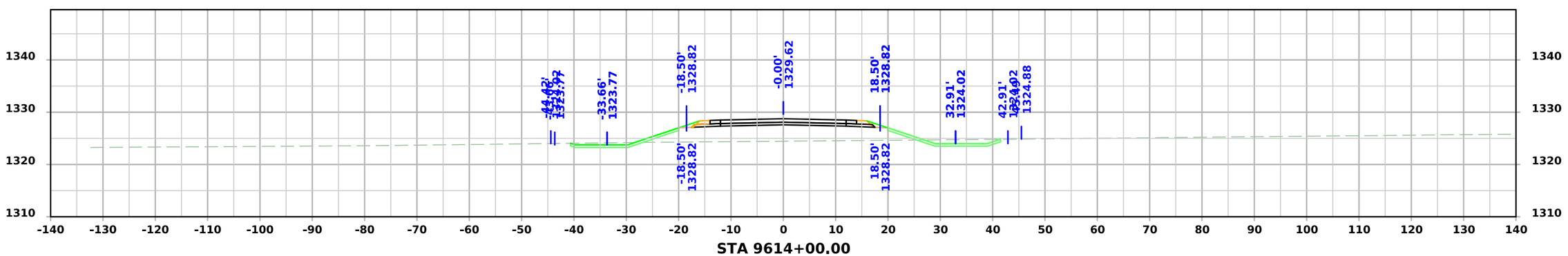
4th Ave NW



STA 9615+00.00



STA 9614+50.00

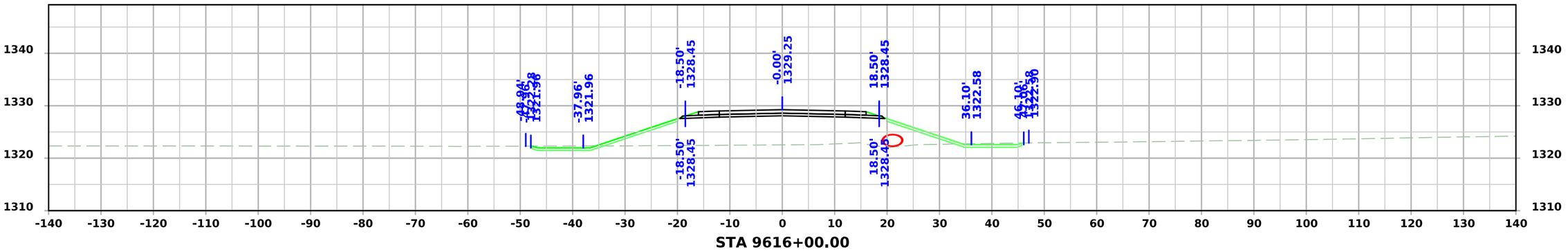


STA 9614+00.00

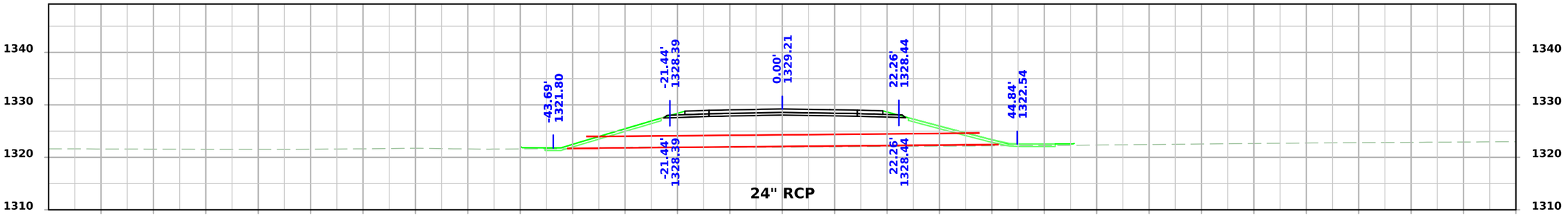
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.17

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4th Ave NW

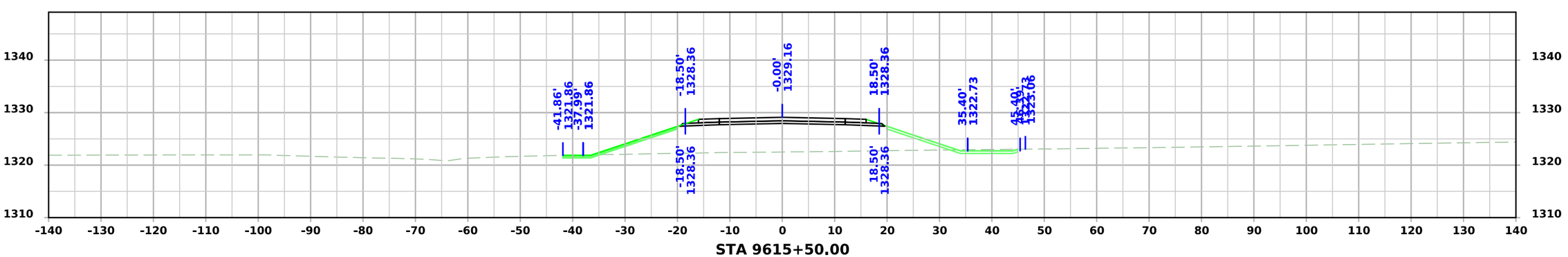


STA 9616+00.00



24" RCP

STA 9615+85.00

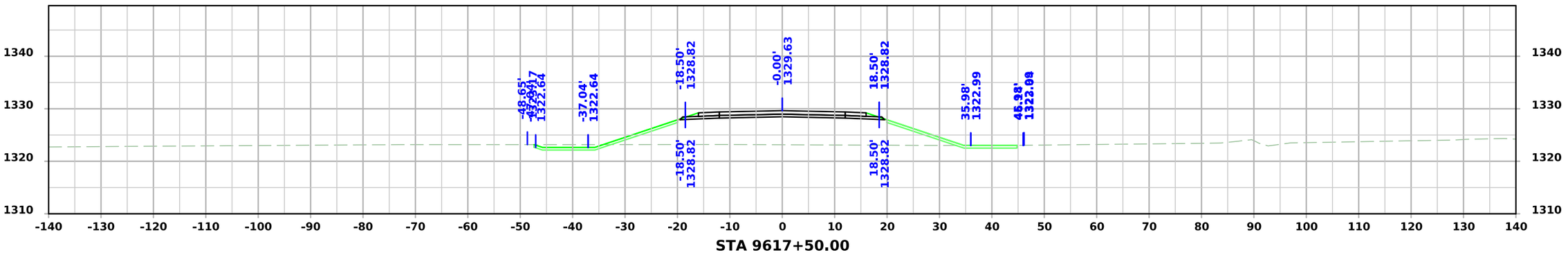


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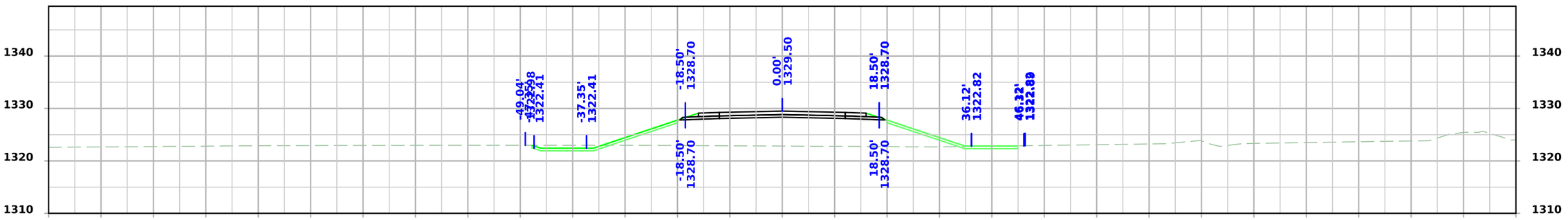
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.18

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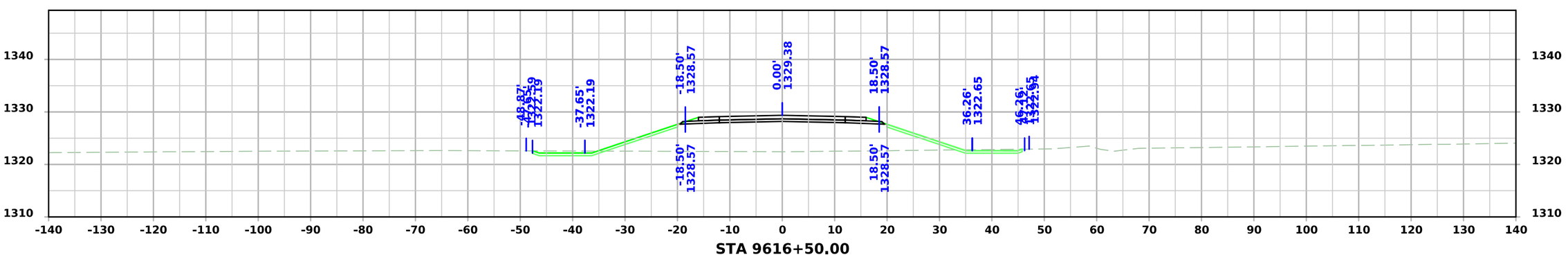
4th Ave NW



STA 9617+50.00



STA 9617+00.00

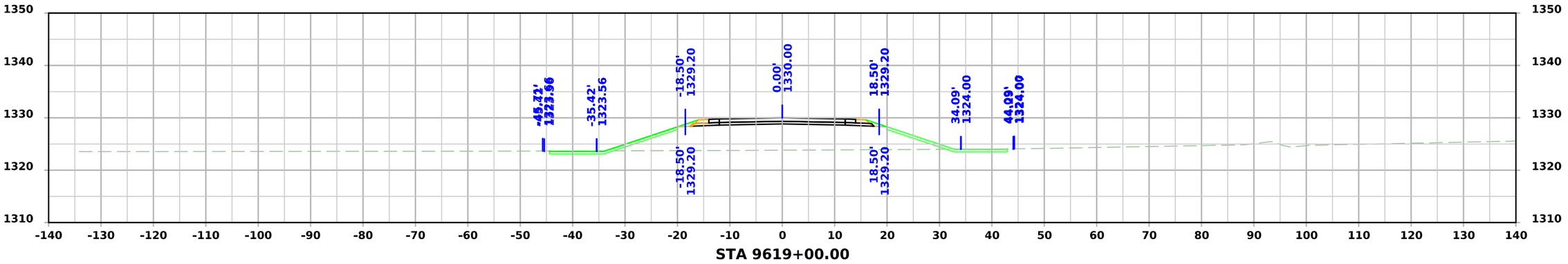


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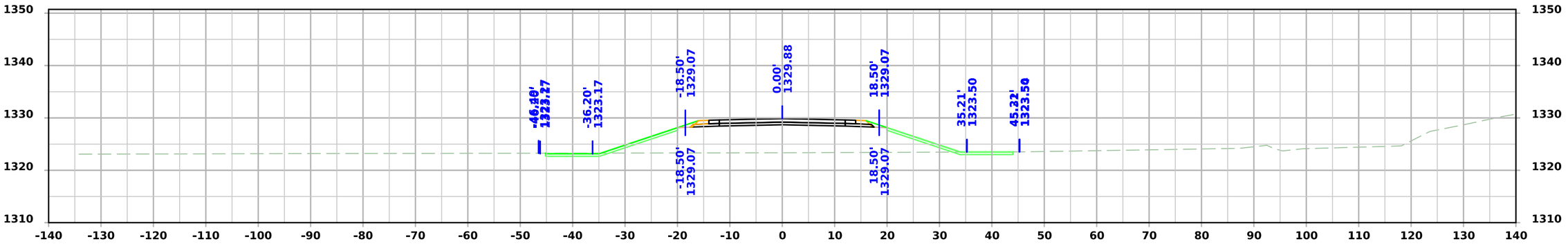
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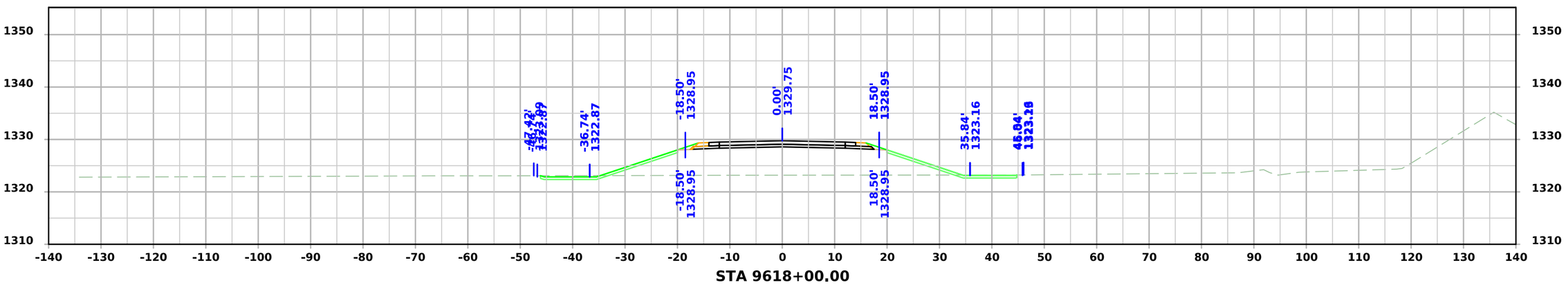
4th Ave NW



STA 9619+00.00



STA 9618+50.00

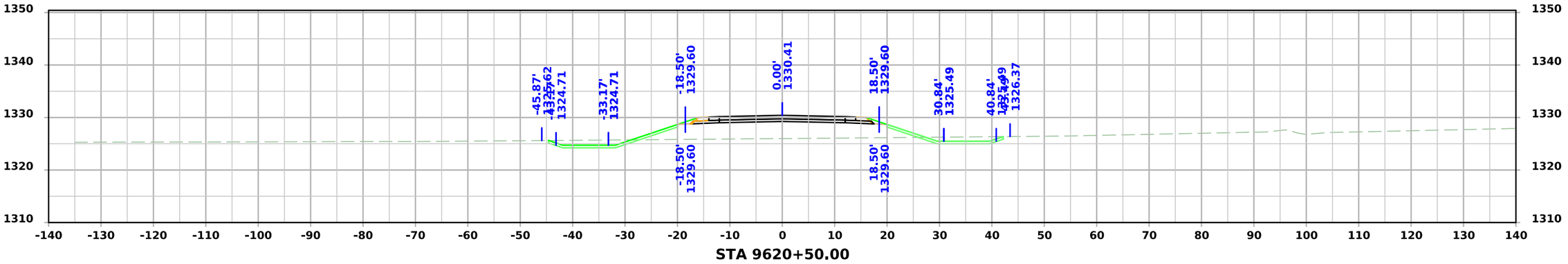


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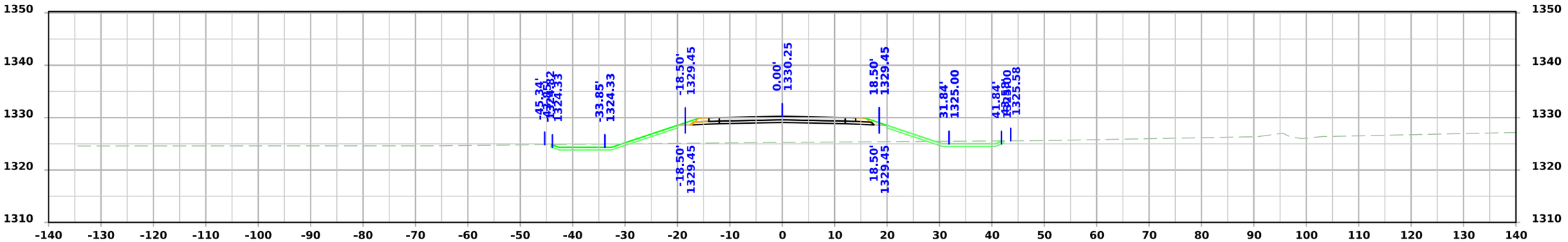
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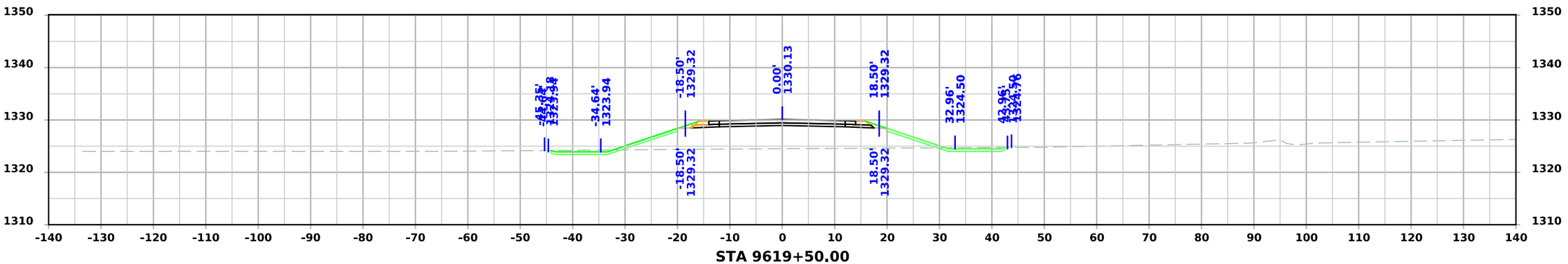
4th Ave NW



STA 9620+50.00



STA 9620+00.00

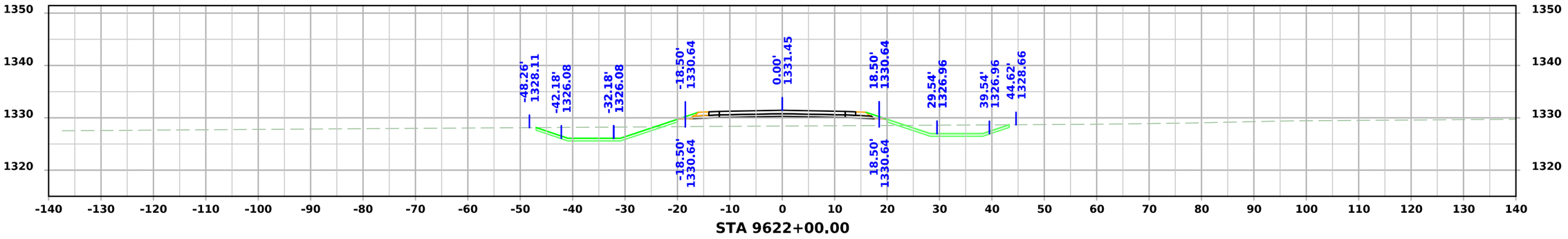


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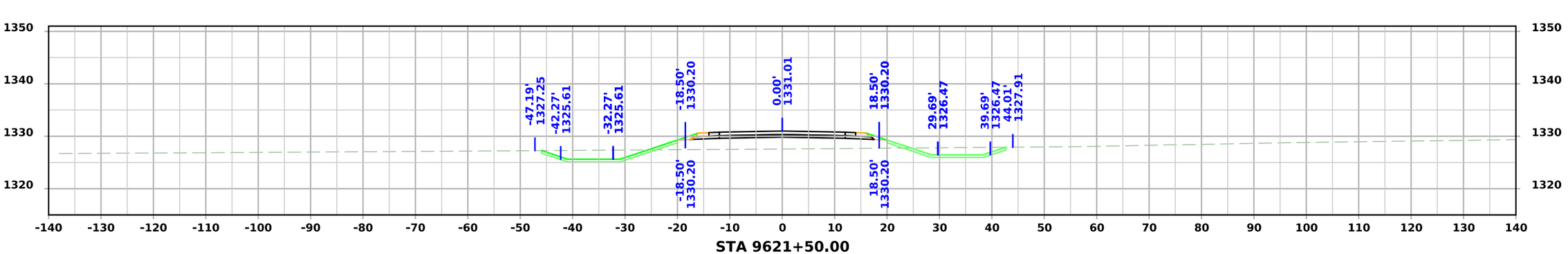
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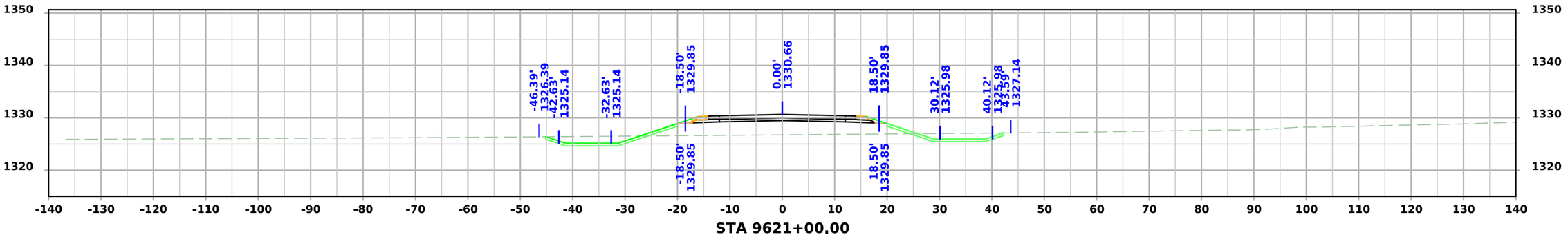
4th Ave NW



STA 9622+00.00



STA 9621+50.00

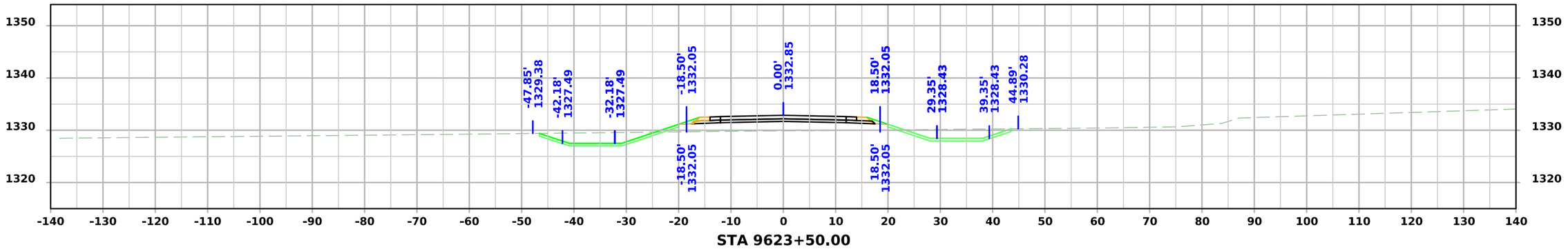


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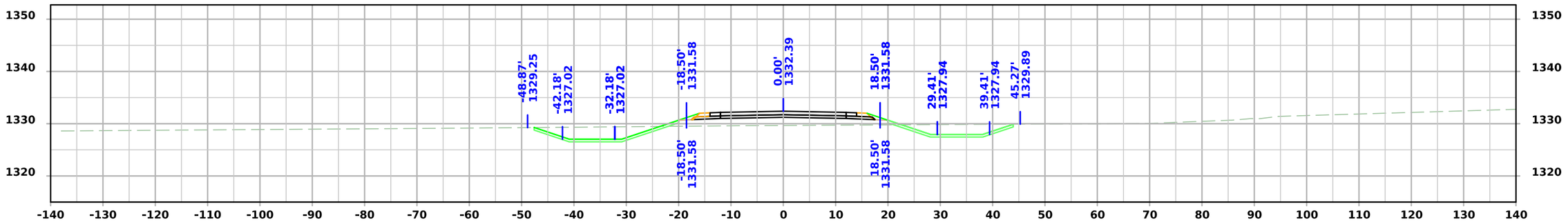
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10:12:18 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X02_4thNW_.dgn

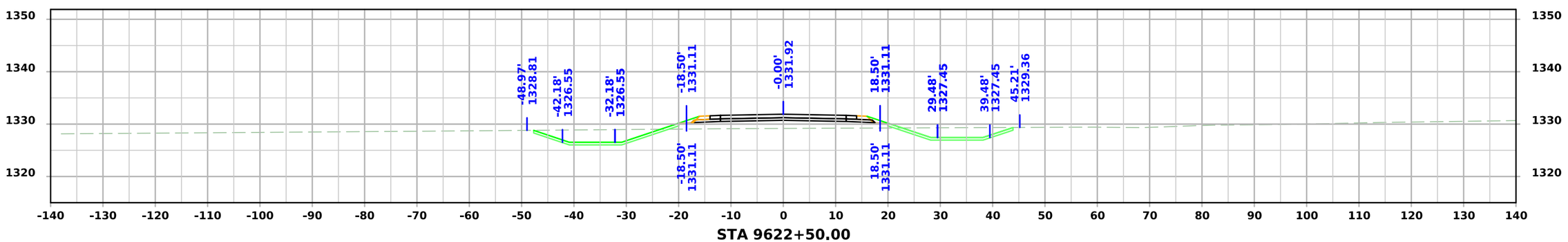
4th Ave NW



STA 9623+50.00



STA 9623+00.00

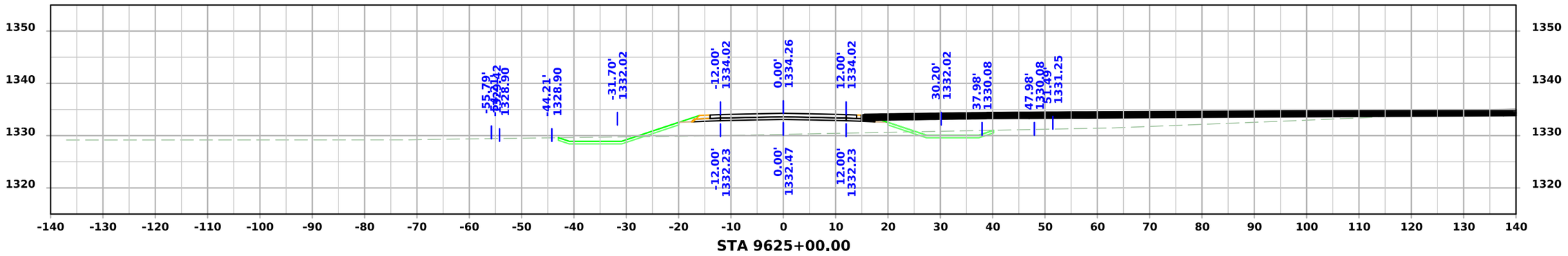


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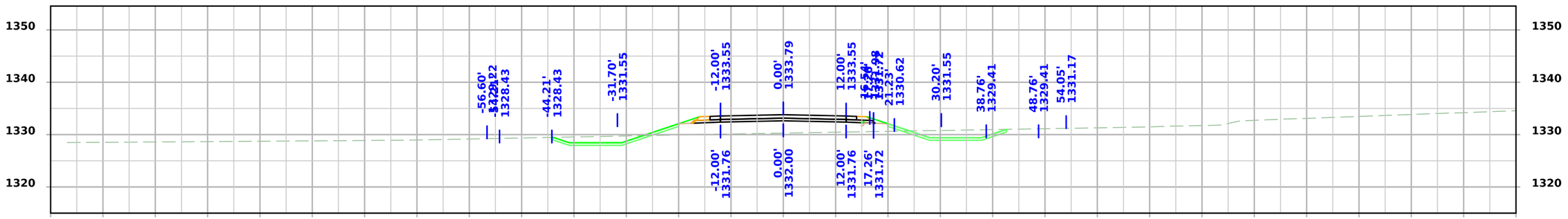
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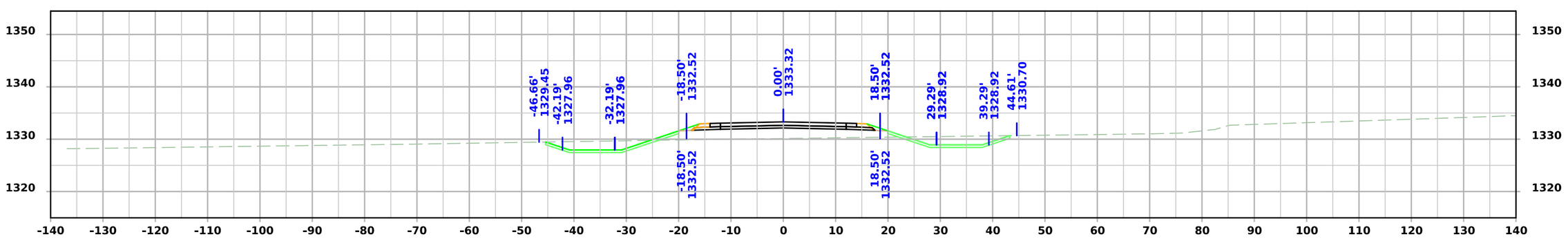
4th Ave NW



STA 9625+00.00



STA 9624+50.00

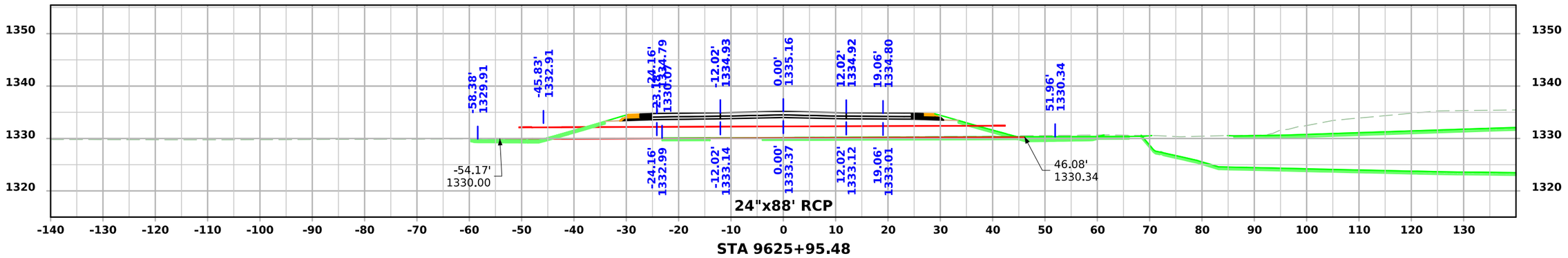


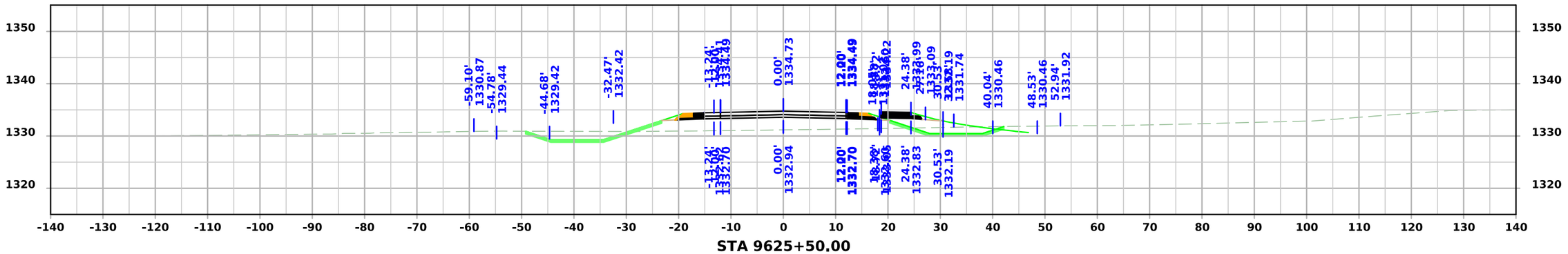
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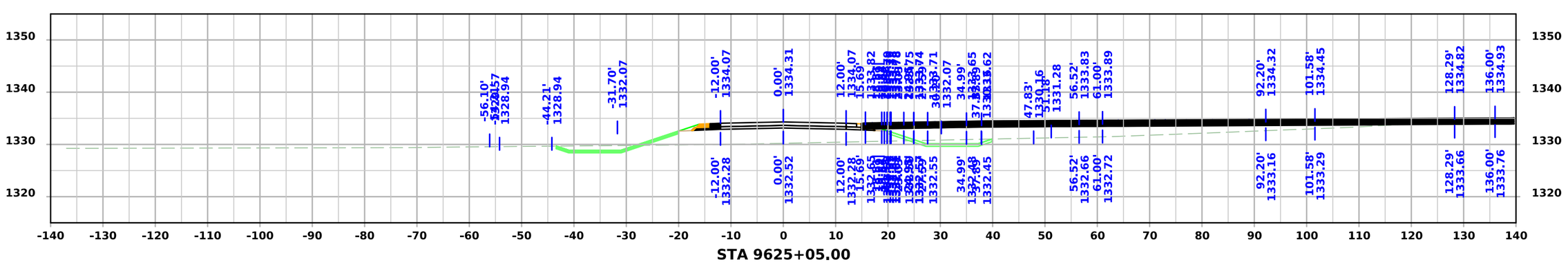
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4th Ave NW



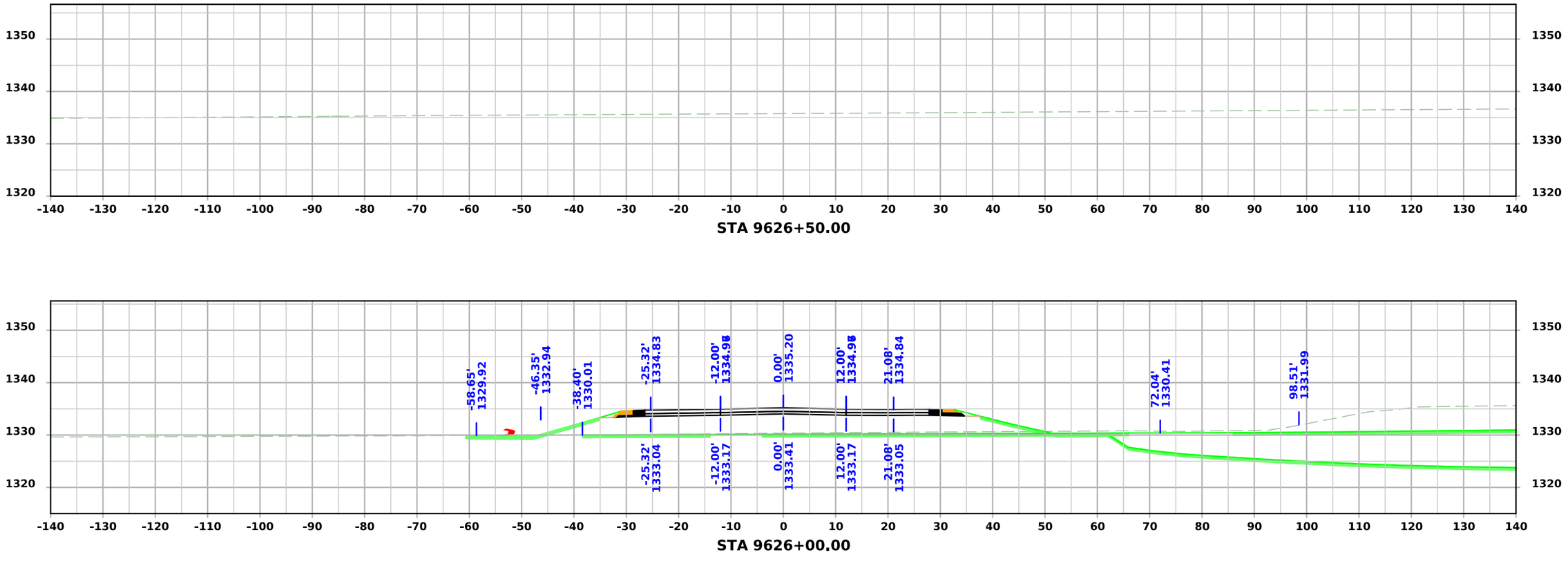




FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.25

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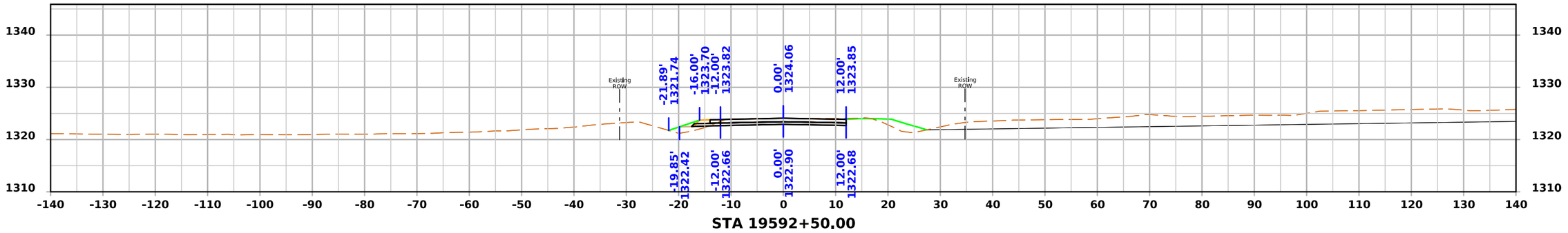
4th Ave NW



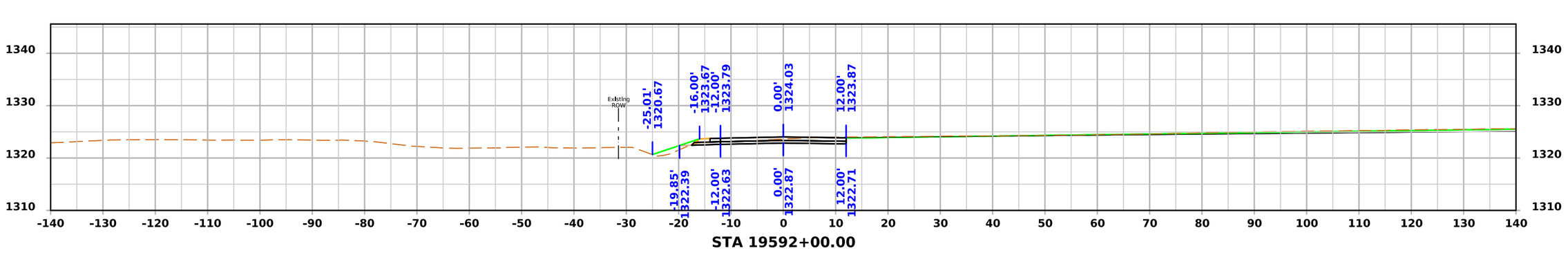
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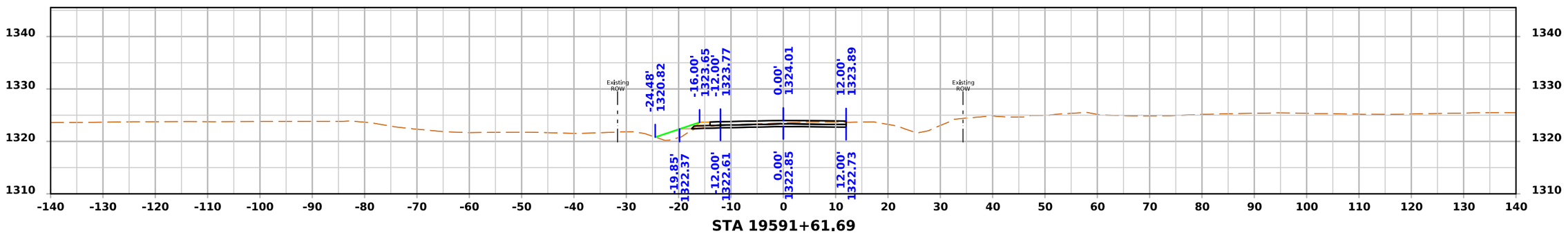
4th Ave W



STA 19592+50.00



STA 19592+00.00

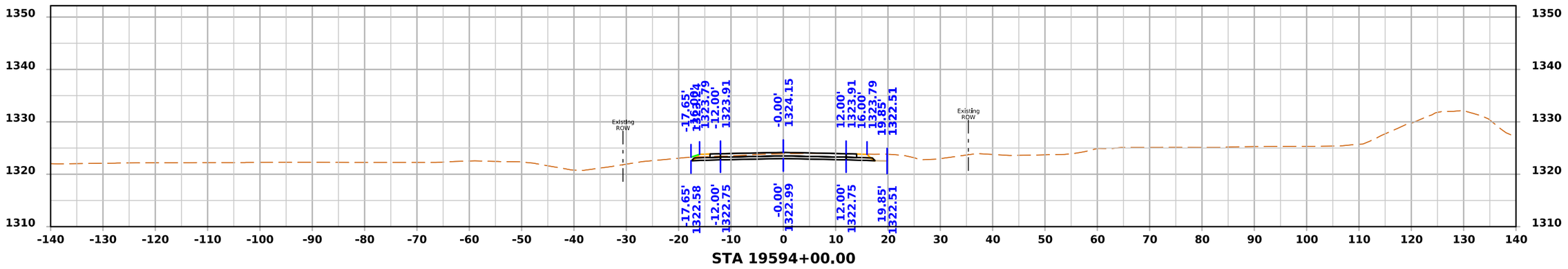


STA 19591+61.69

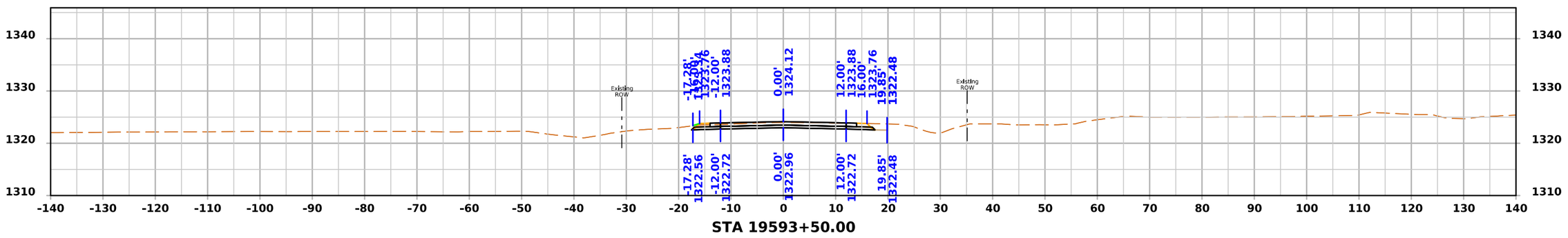
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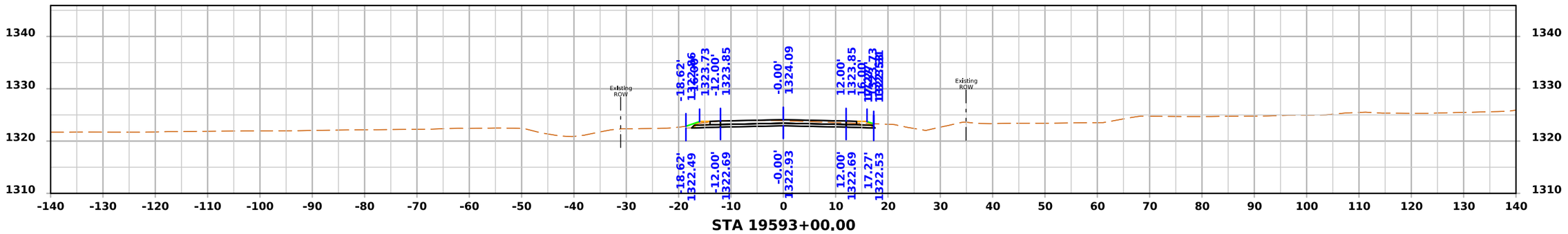
4th Ave W



STA 19594+00.00



STA 19593+50.00

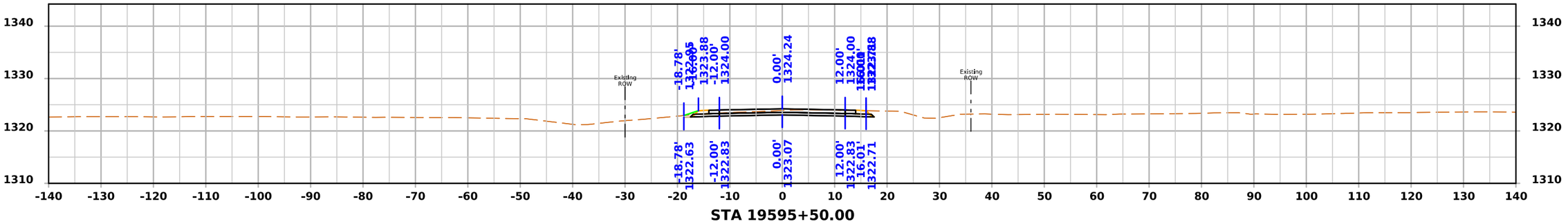


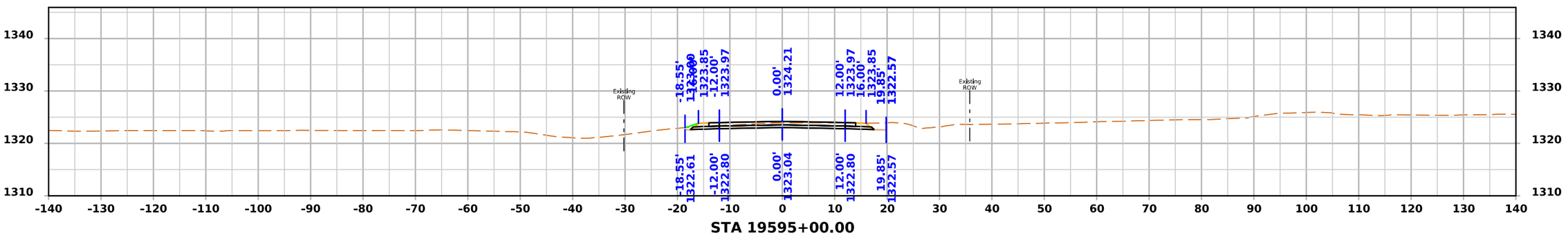
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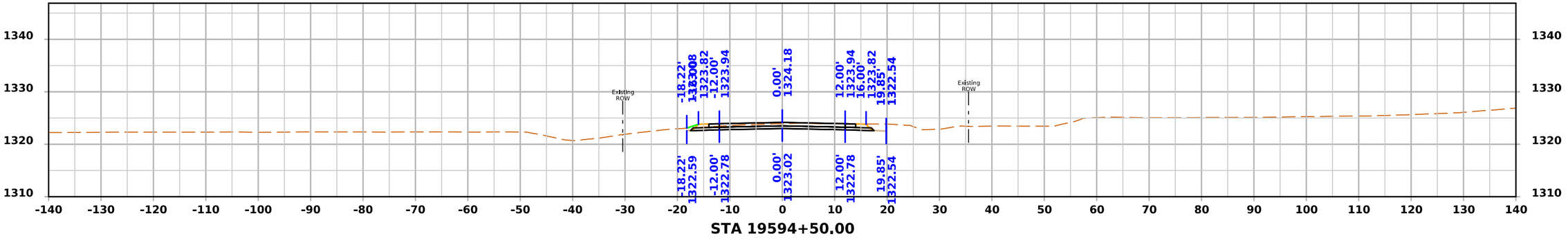
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.28

10:12:49 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X03_4thW.dgn

4th Ave W



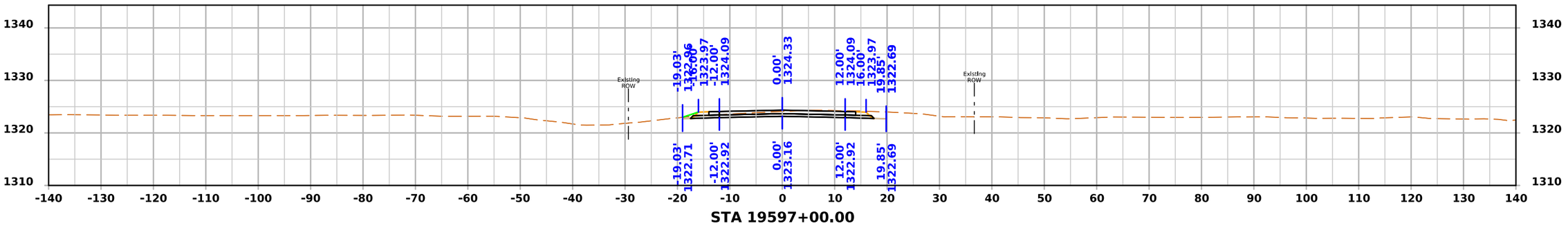




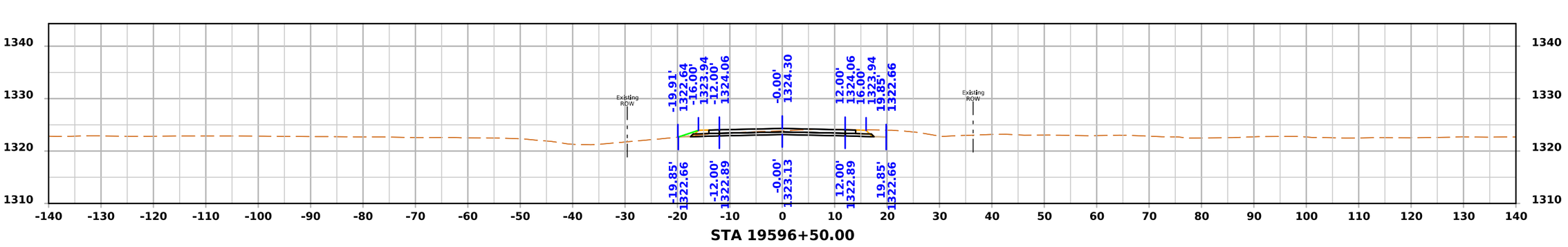
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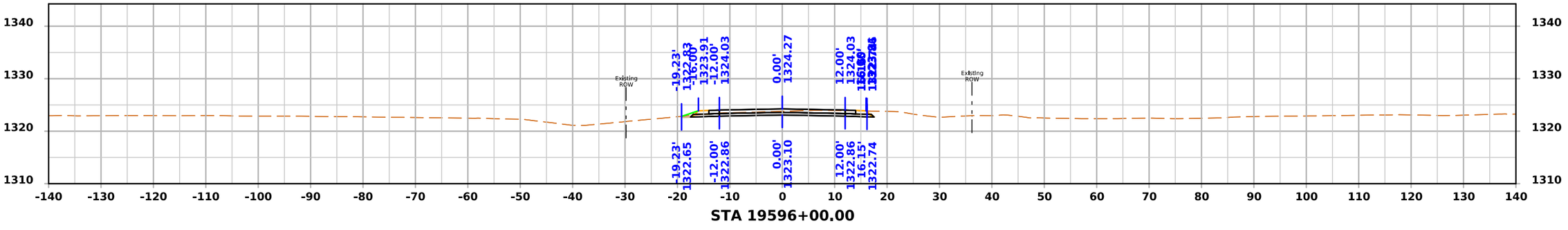
4th Ave W



STA 19597+00.00



STA 19596+50.00

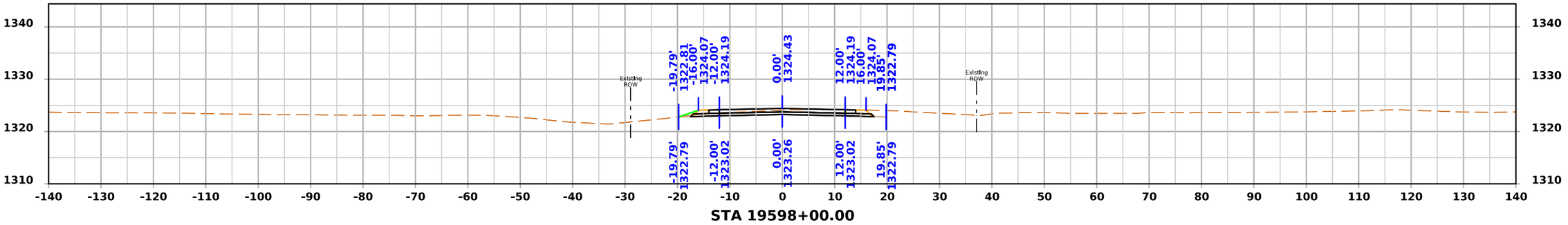


STA 19596+00.00

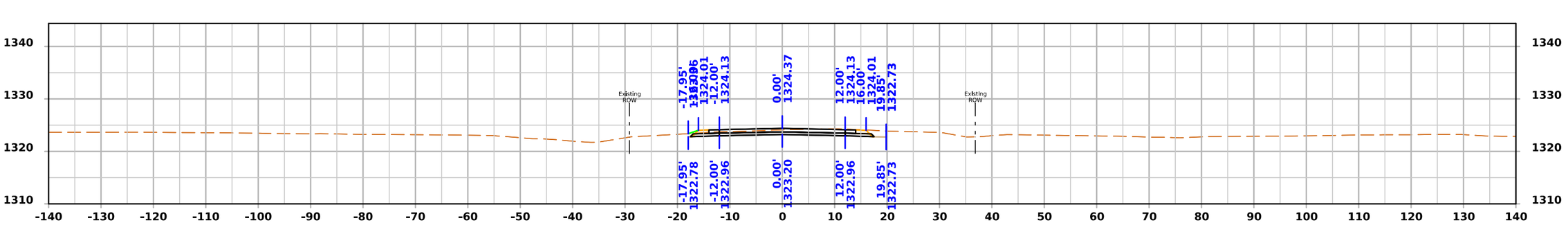
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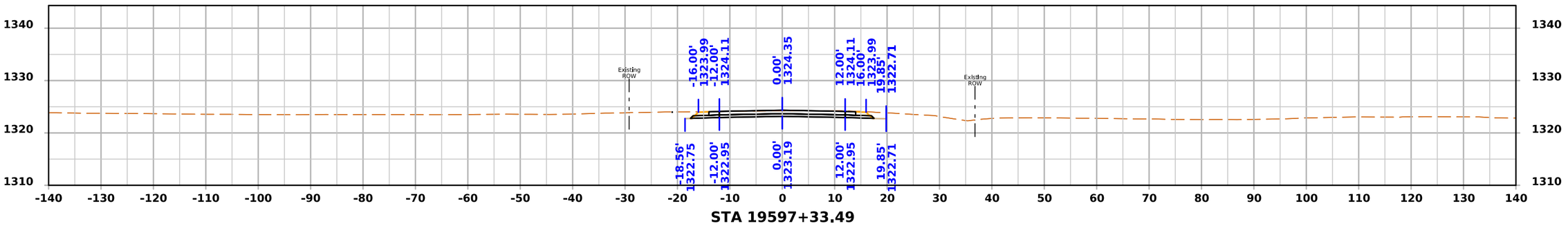
4th Ave W



STA 19598+00.00



STA 19597+50.00

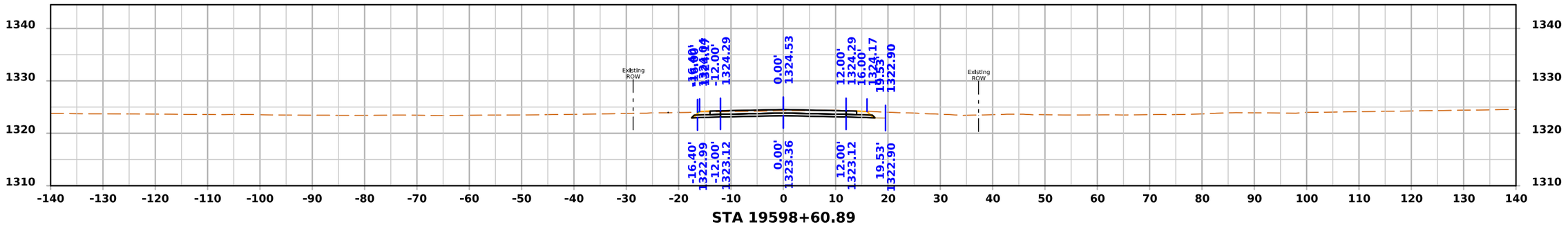


STA 19597+33.49

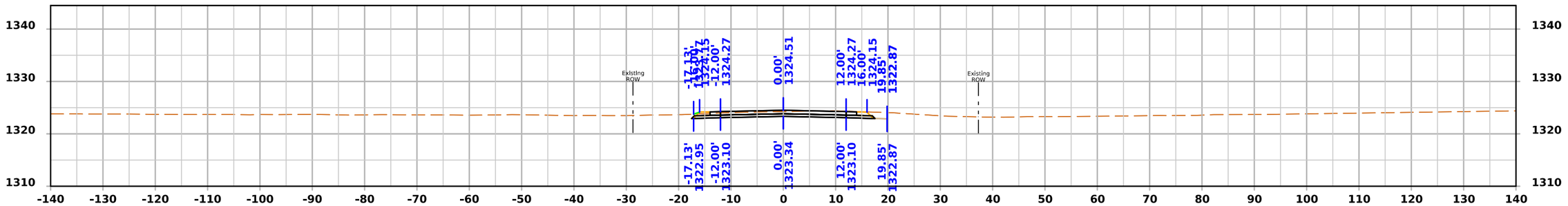
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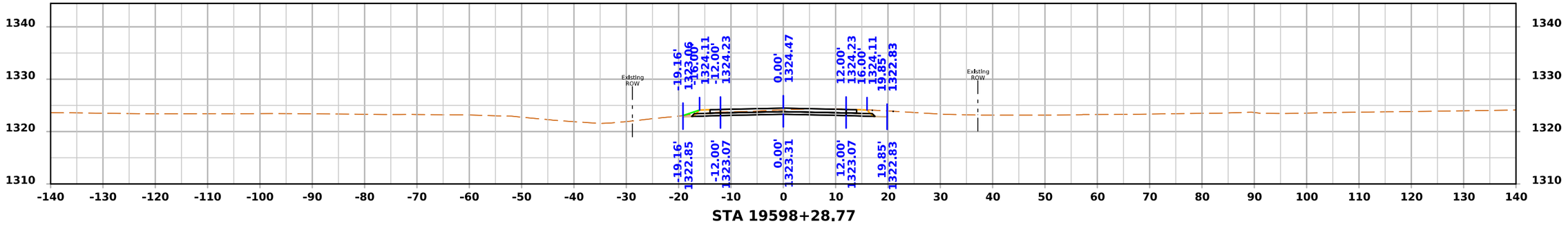
4th Ave W



STA 19598+60.89



STA 19598+50.00

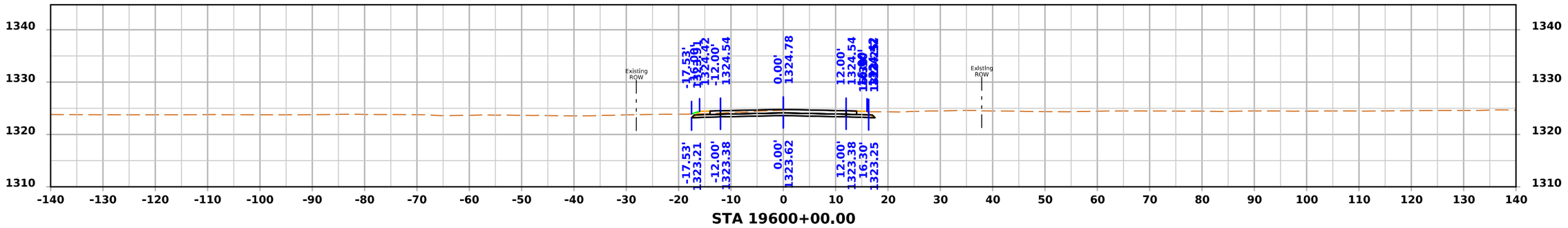


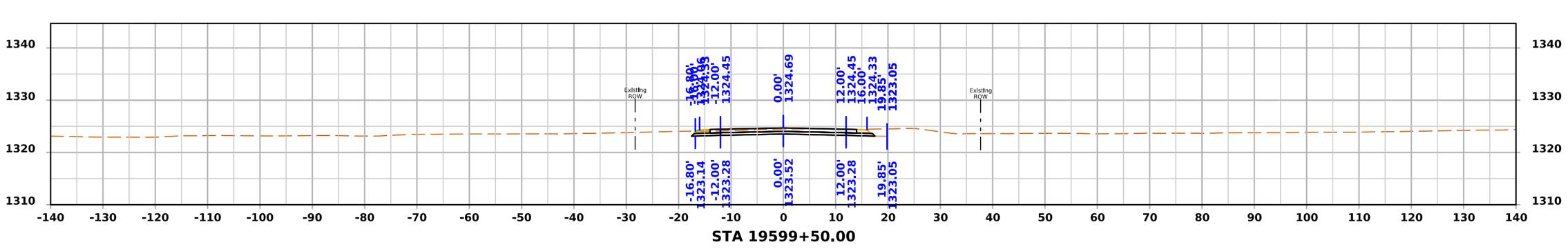
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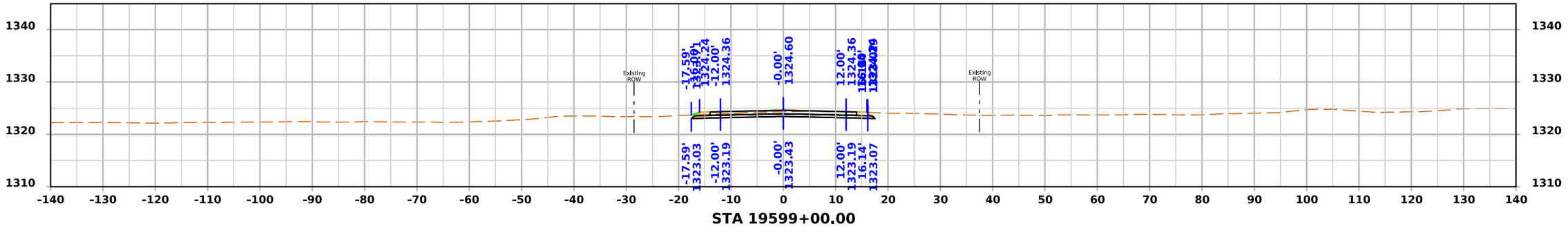
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.32

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4th Ave W



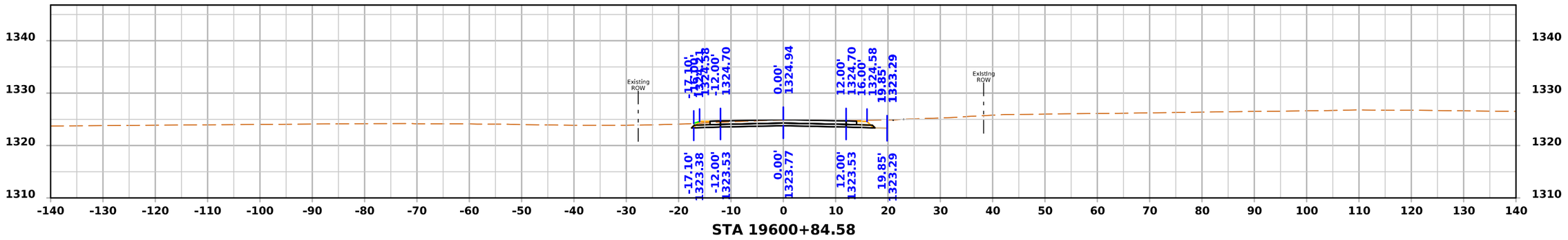




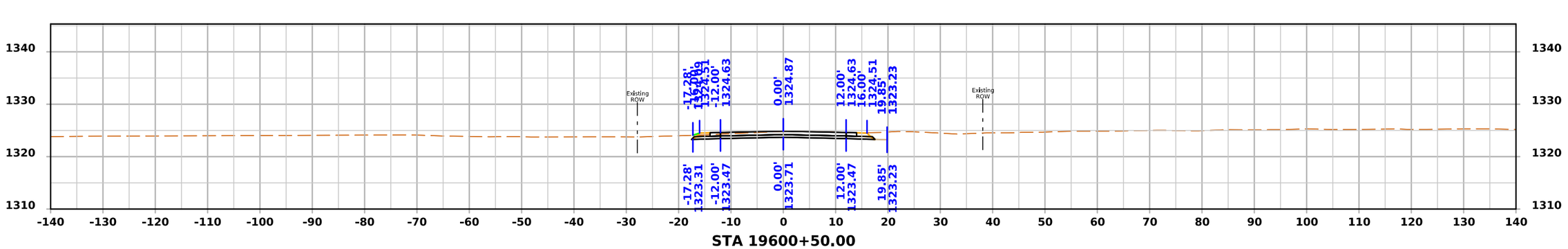
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.33

10:12:55 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X03_4thW.dgn

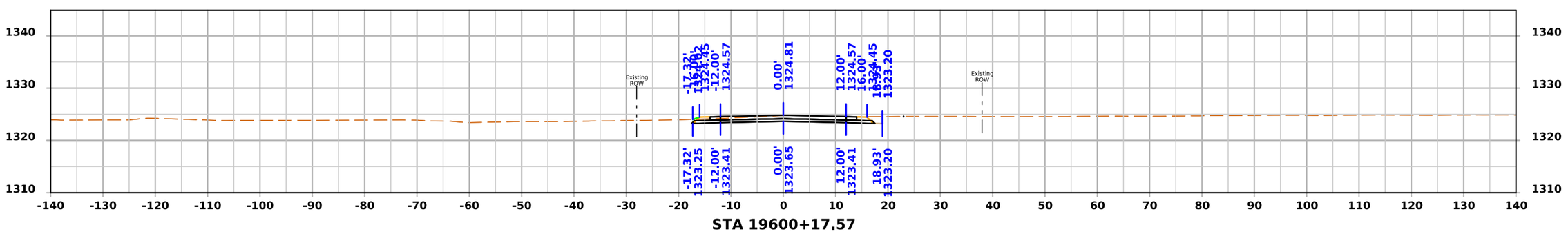
4th Ave W



STA 19600+84.58



STA 19600+50.00

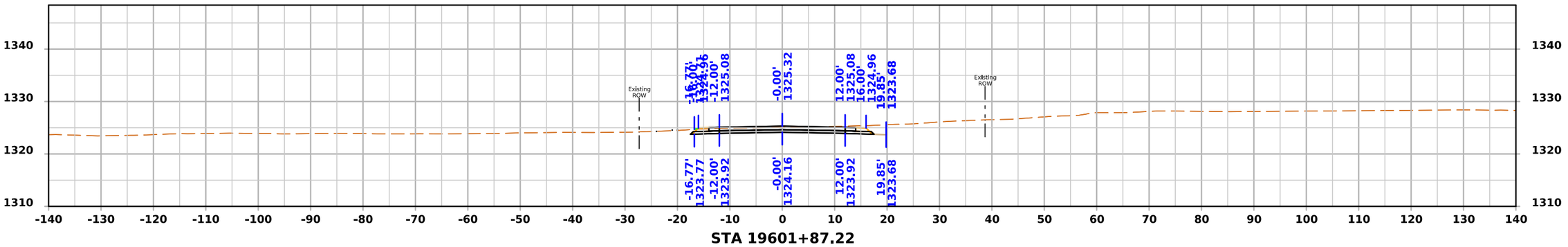


STA 19600+17.57

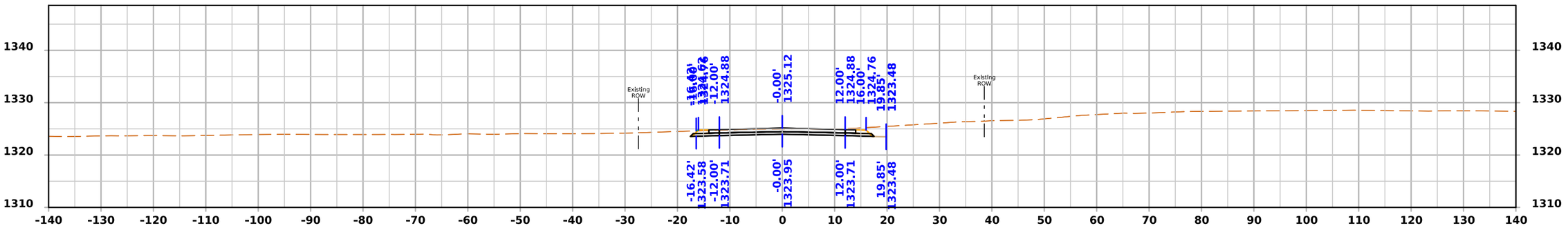
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.34

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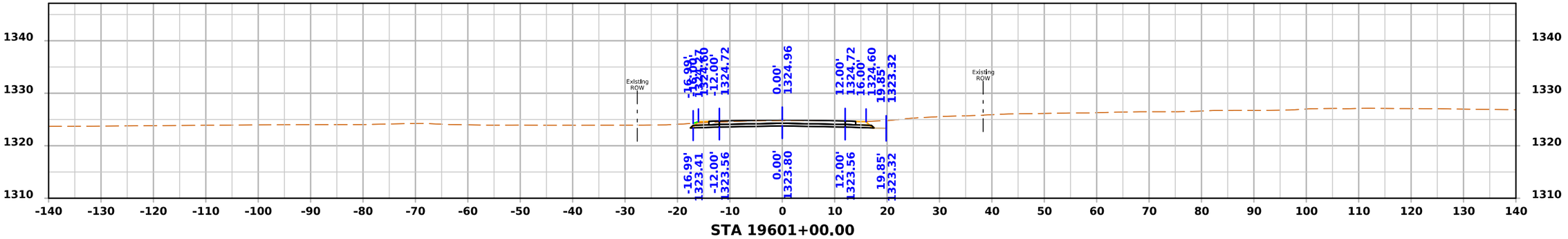
4th Ave W



STA 19601+87.22



STA 19601+50.00

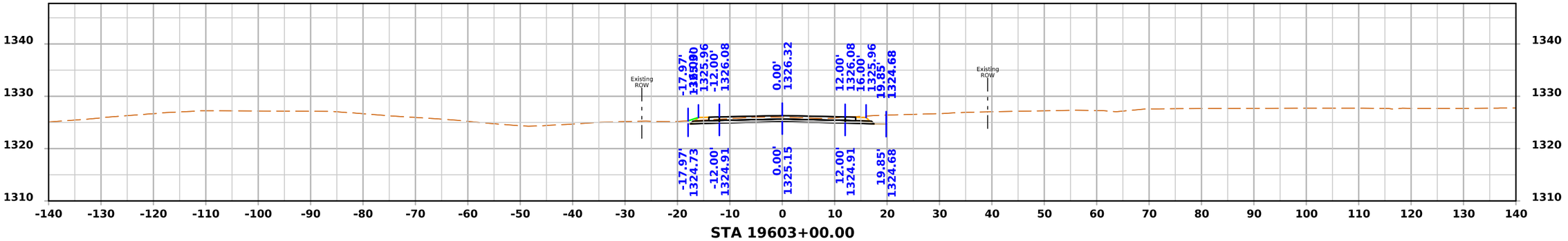


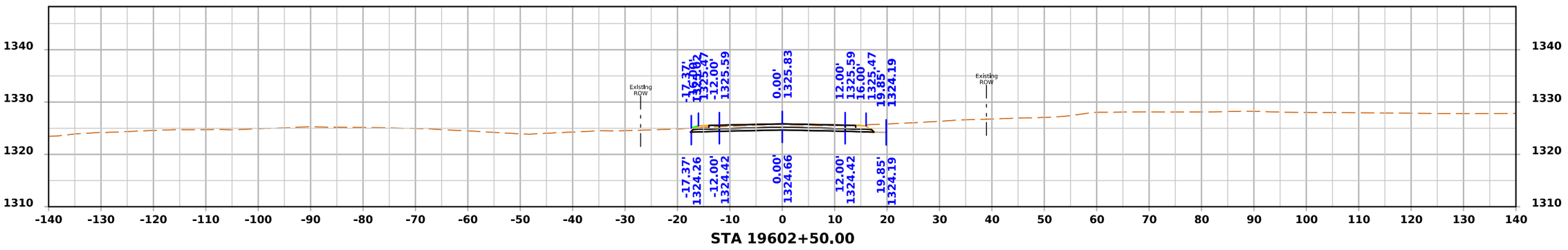
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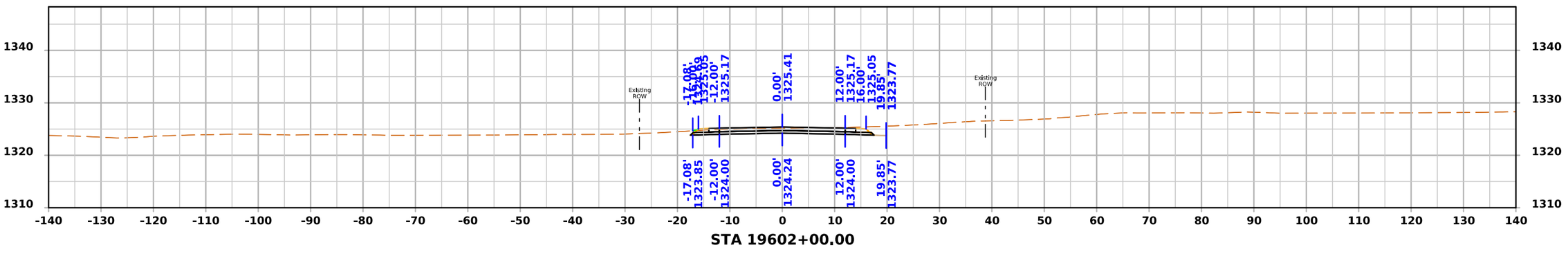
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10:12:57 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X03_4thW.dgn

4th Ave W



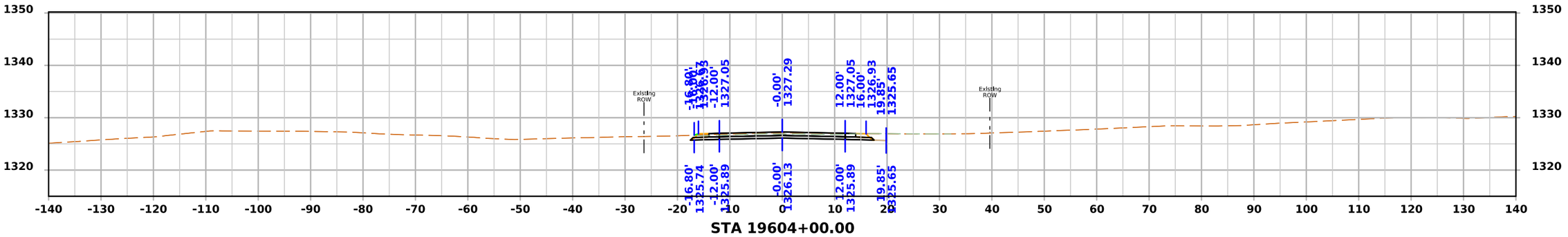




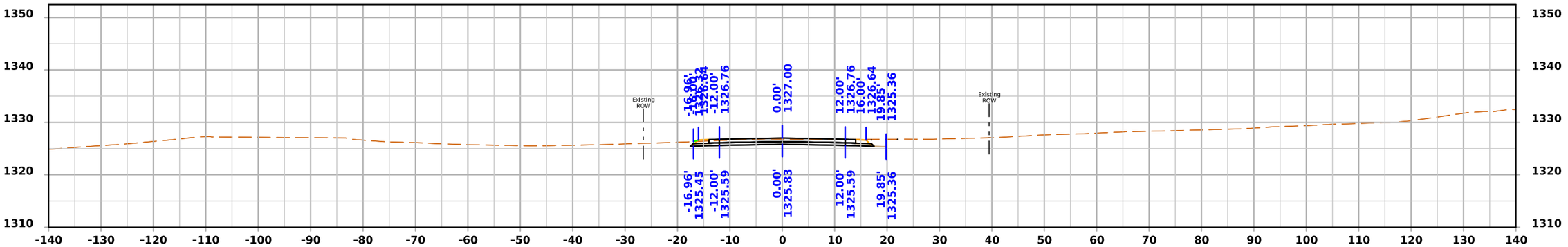
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.36

10:12:58 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X03_4thW.dgn

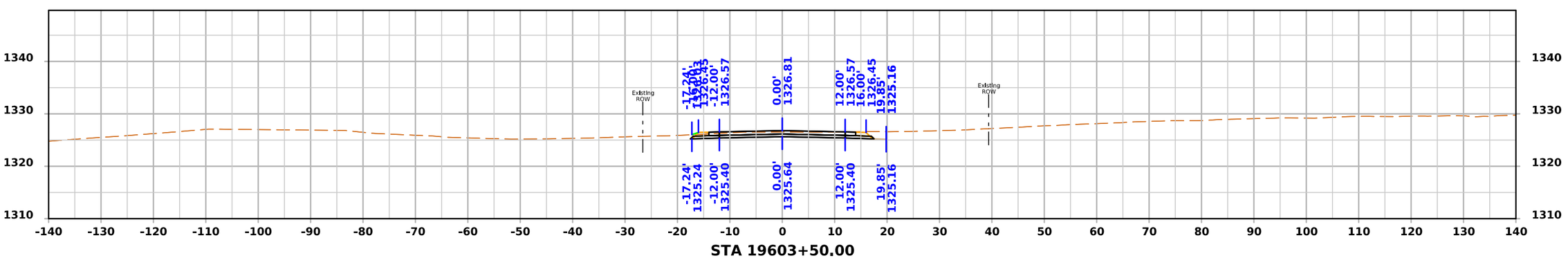
4th Ave W



STA 19604+00.00



STA 19603+69.99

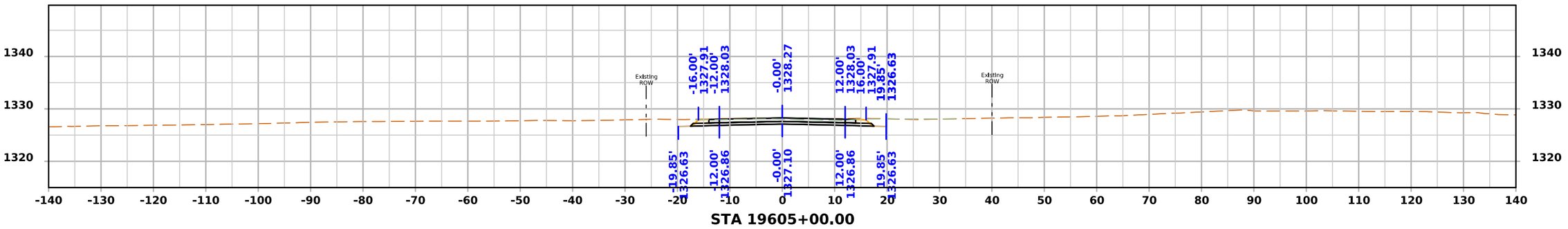


STA 19603+50.00

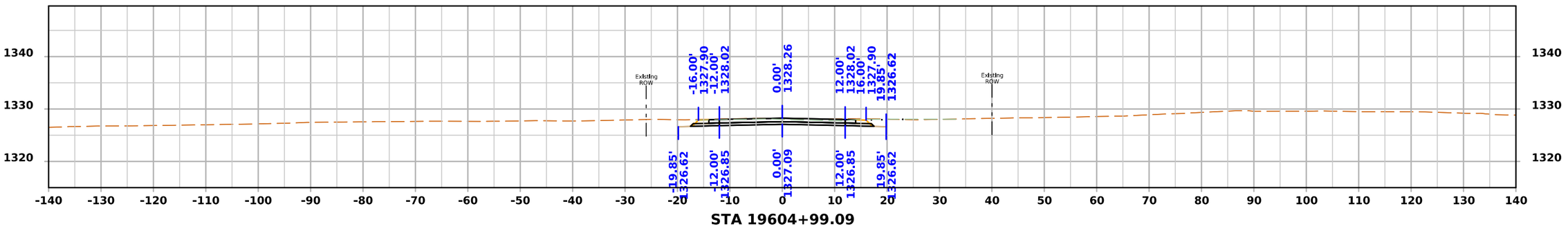
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10:12:59 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X03_4thW.dgn

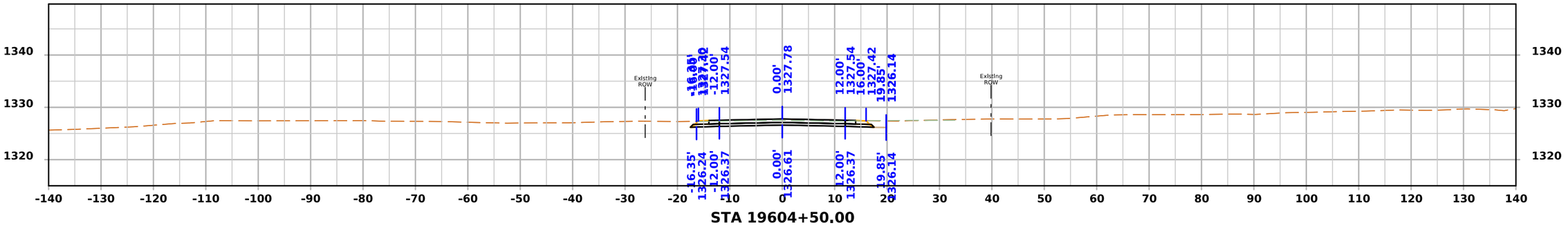
4th Ave W



STA 19605+00.00



STA 19604+99.09

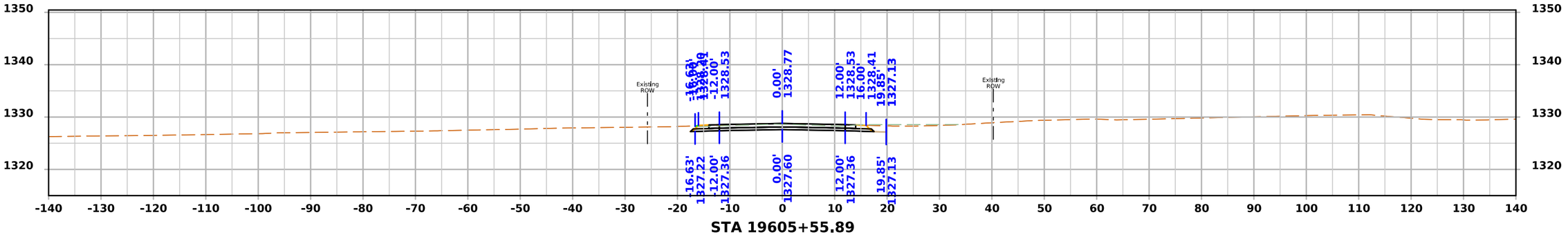


STA 19604+50.00

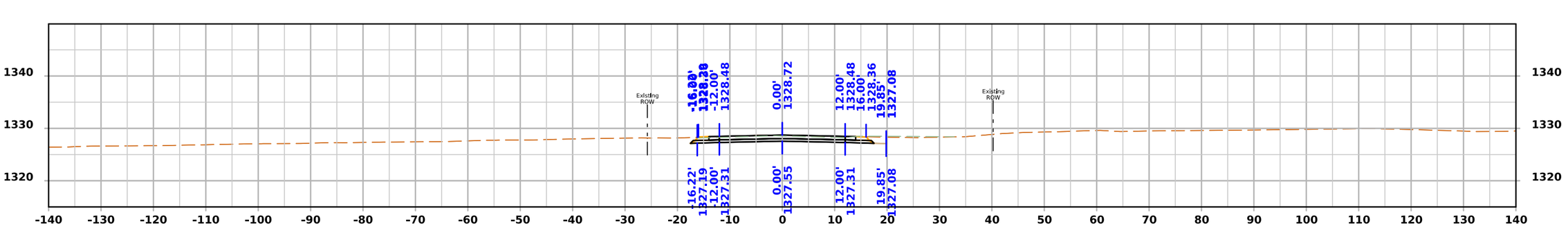
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.38

10:13:00 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X03_4thW.dgn

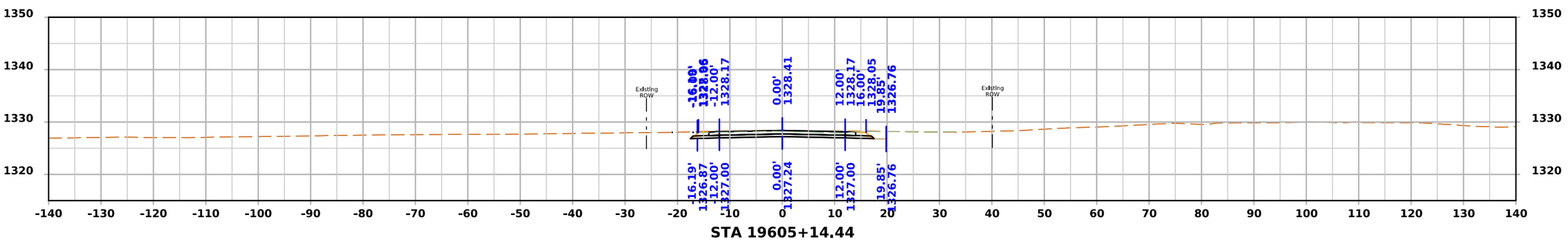
4th Ave W



STA 19605+55.89



STA 19605+50.00

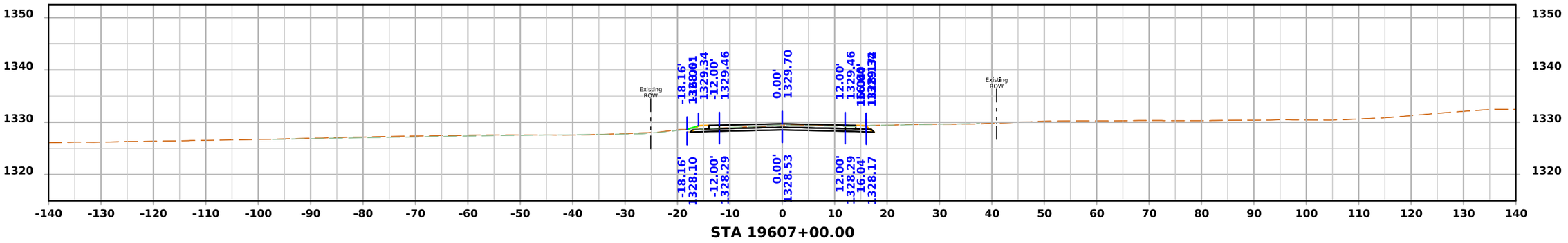


STA 19605+14.44

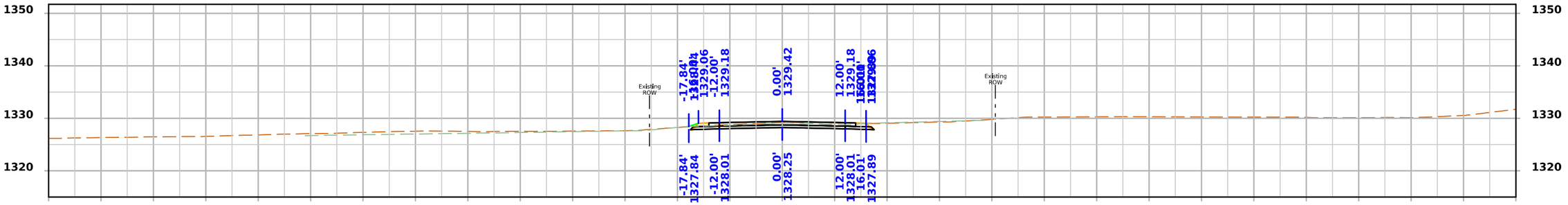
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.39

10:13:01 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X03_4thW.dgn

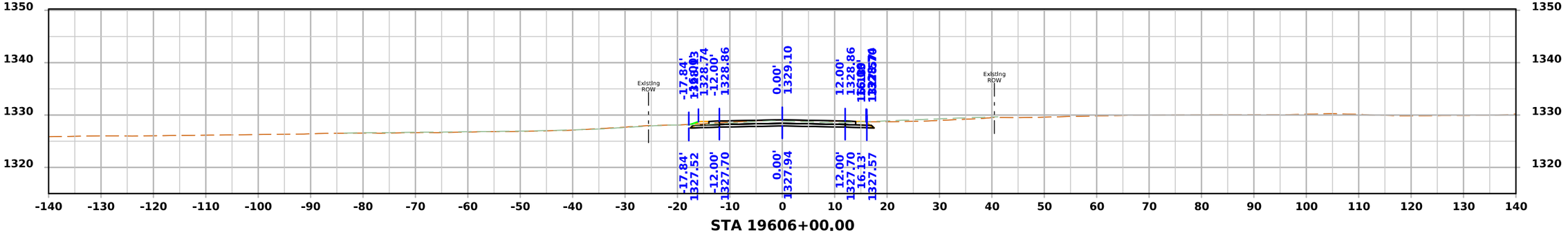
4th Ave W



STA 19607+00.00



STA 19606+50.00

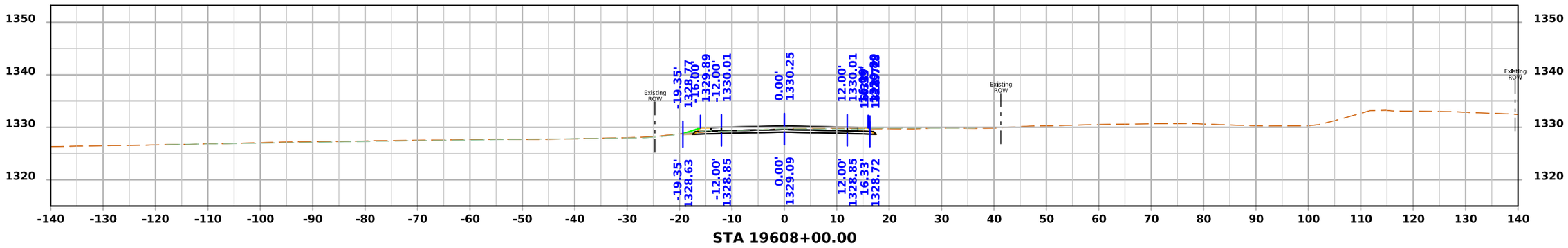


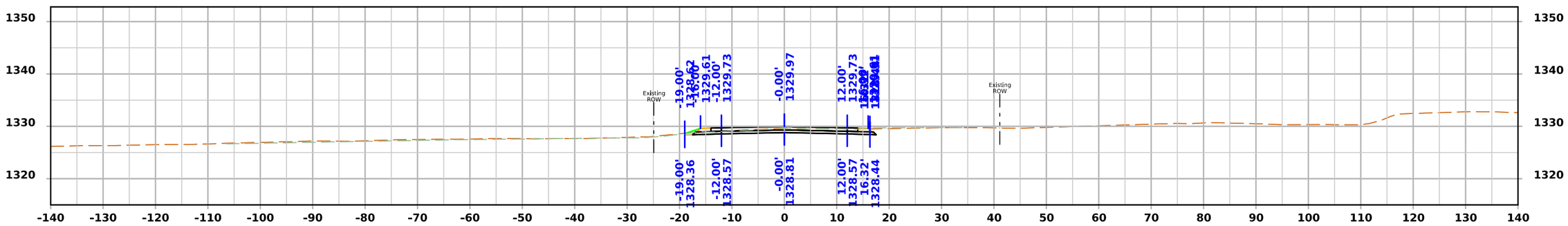
STA 19606+00.00

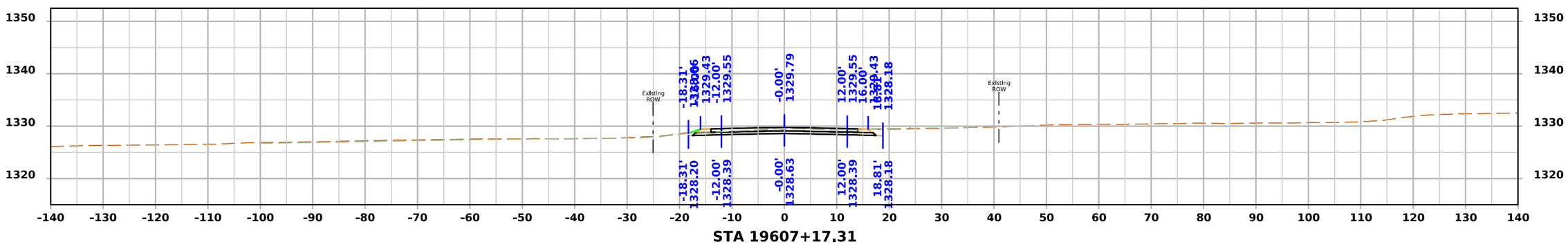
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.40

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4th Ave W



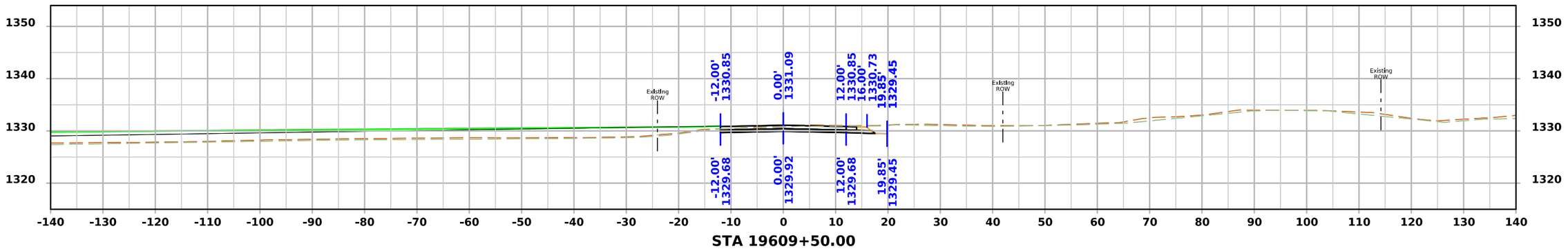


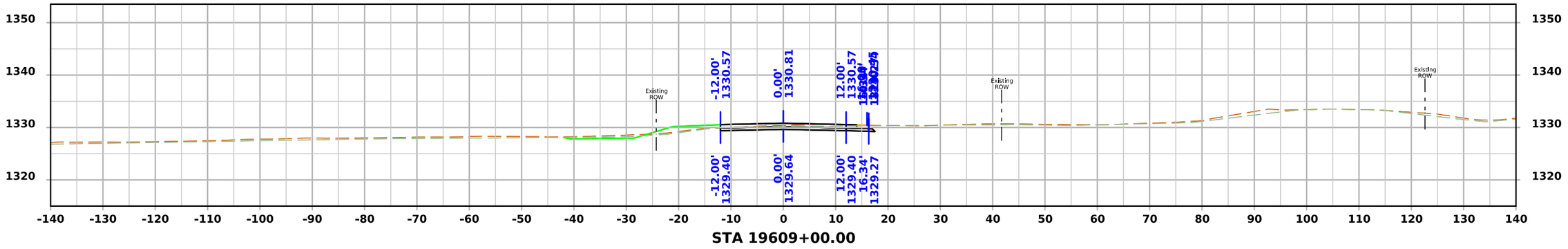


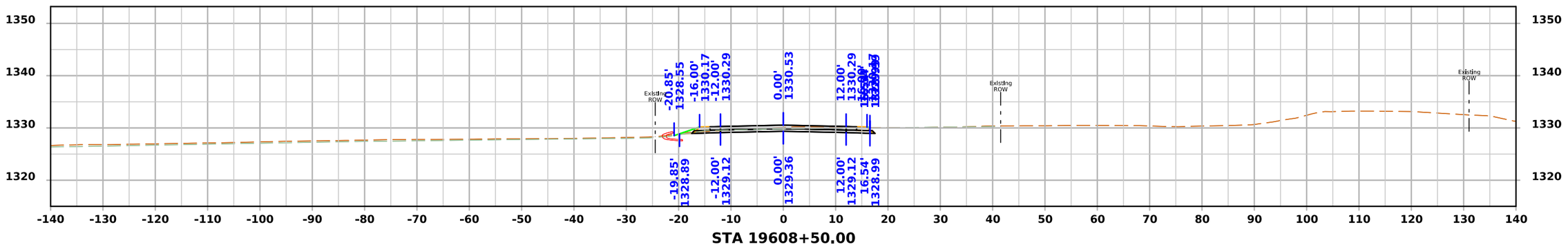
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4th Ave W



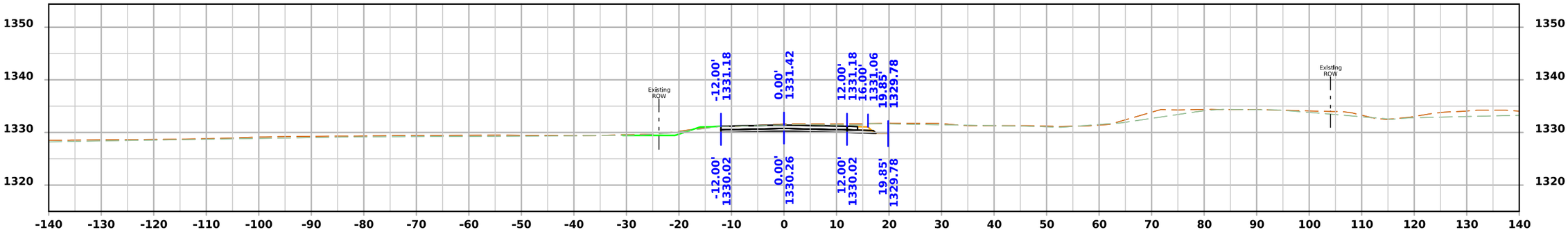




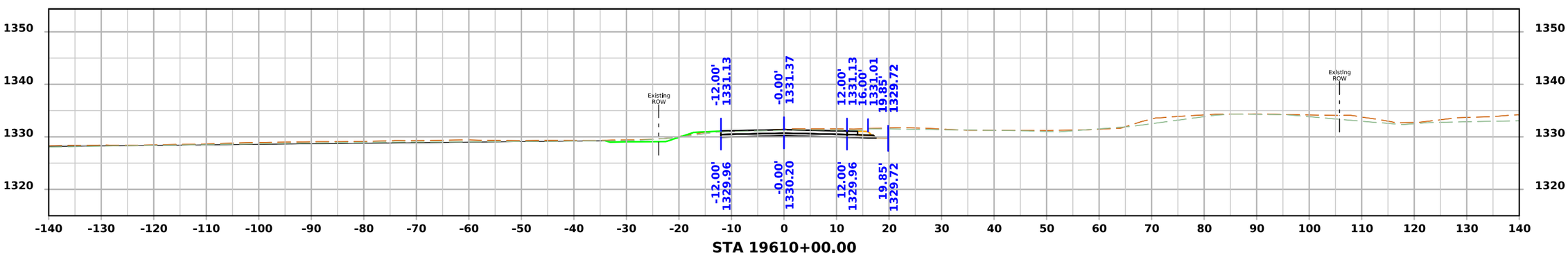
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10:13:04 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X03_4thW.dgn

4th Ave W



STA 19610+10.16

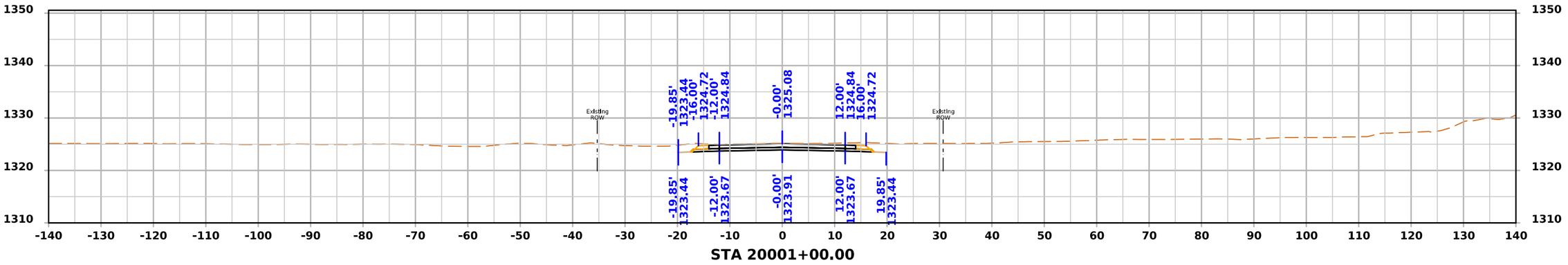


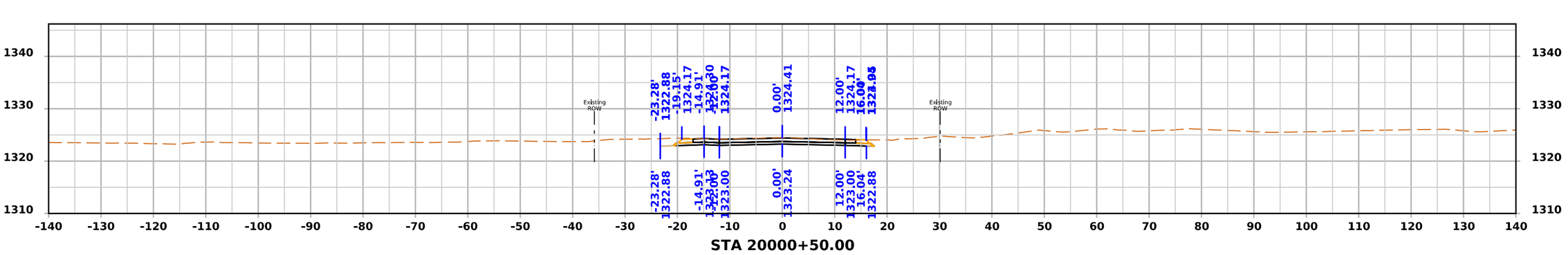
STA 19610+00.00

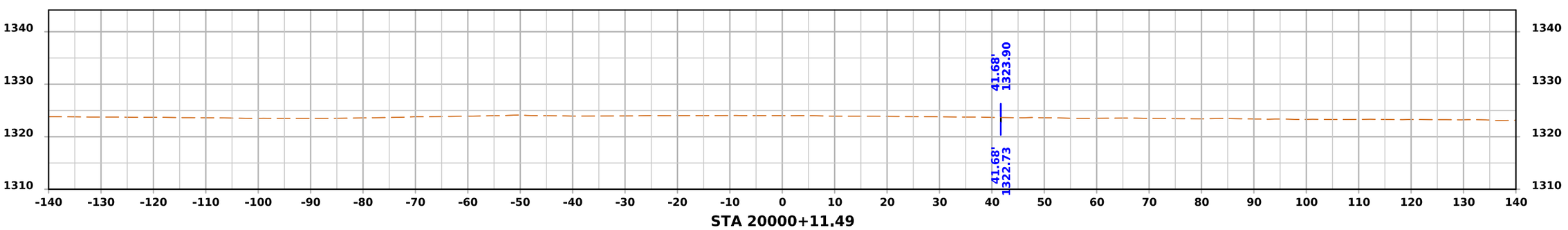
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.43

10:13:05 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X03_4thW.dgn

W 37th Ave



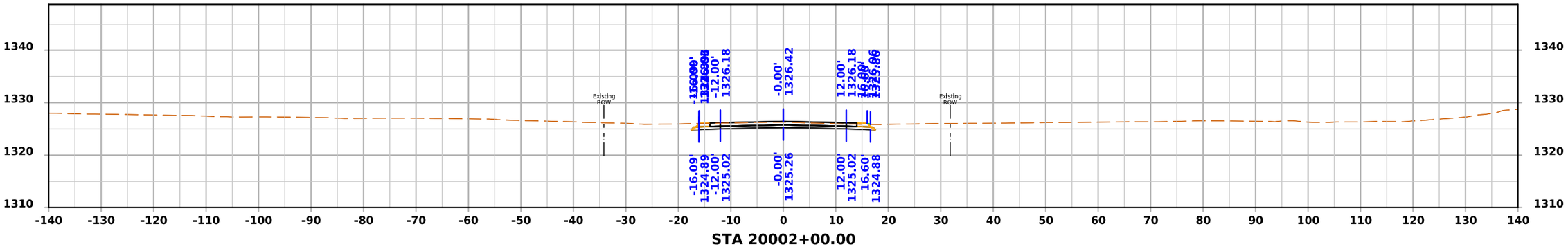




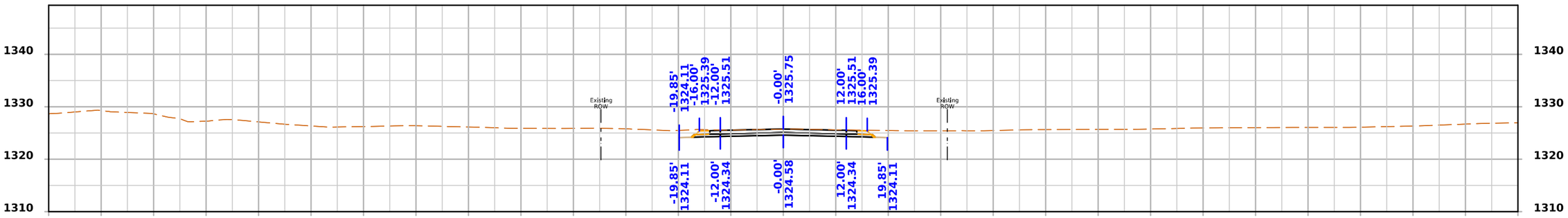
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.44

10:13:15 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X04_W37th.dgn

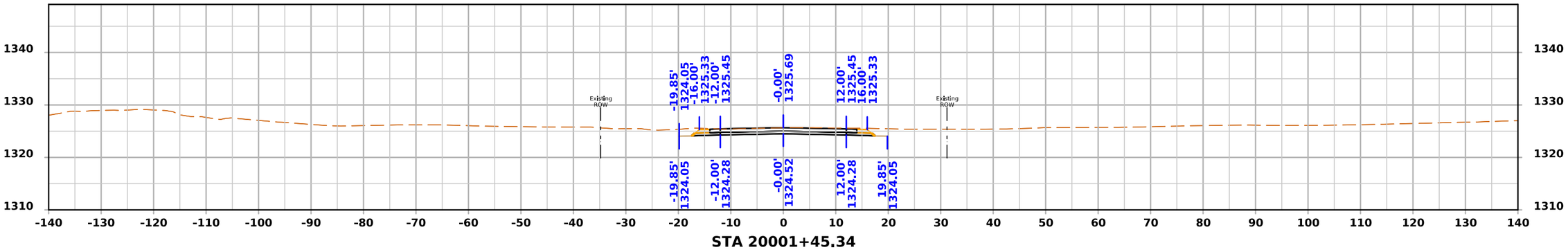
W 37th Ave



STA 20002+00.00



STA 20001+50.00

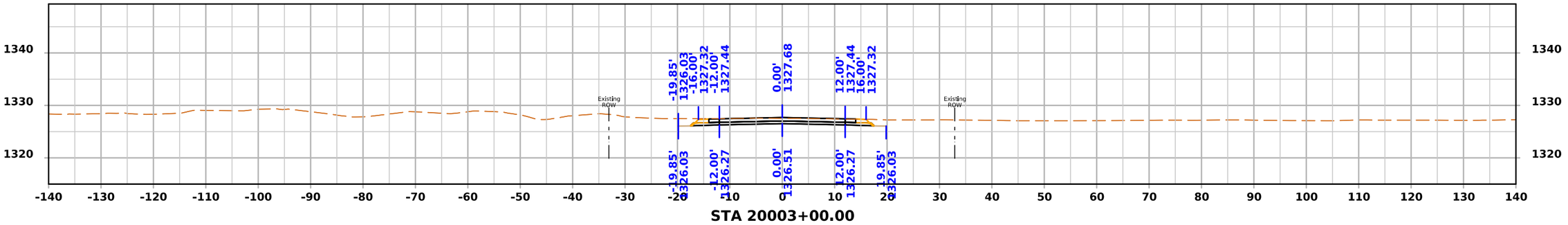


STA 20001+45.34

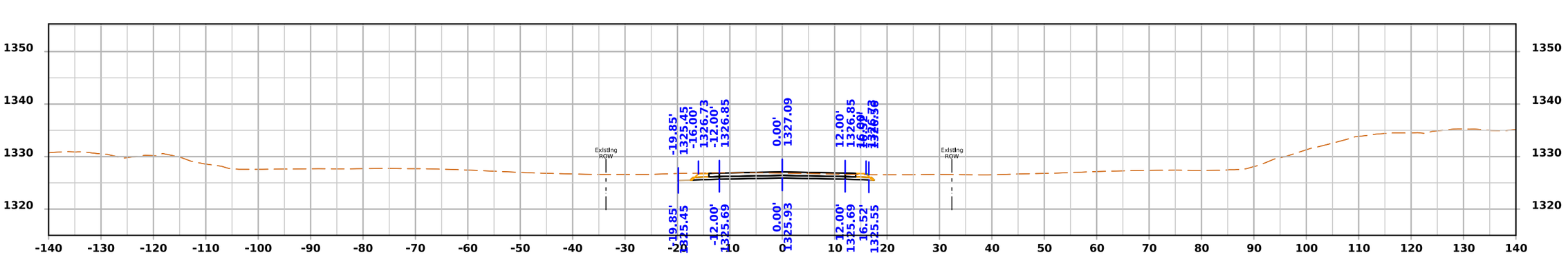
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.45

10:13:16 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X04_W37th.dgn

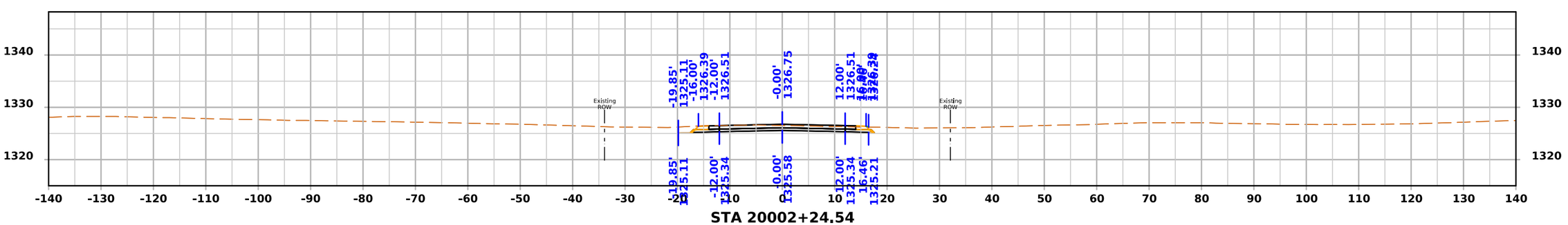
W 37th Ave



STA 20003+00.00



STA 20002+50.00

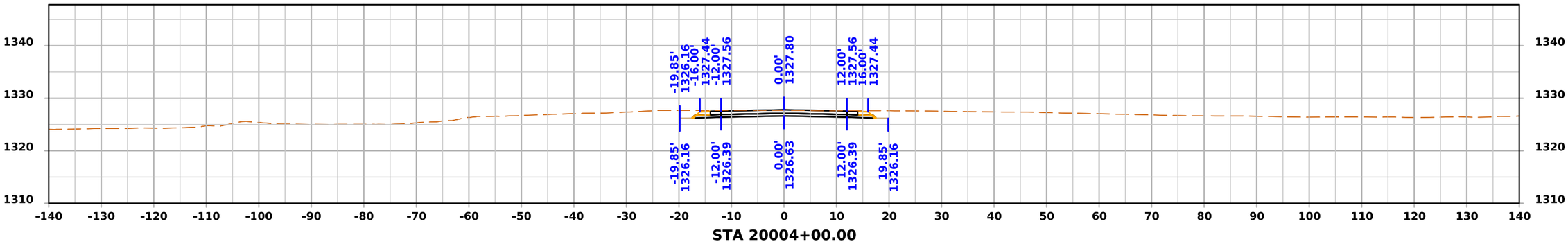


STA 20002+24.54

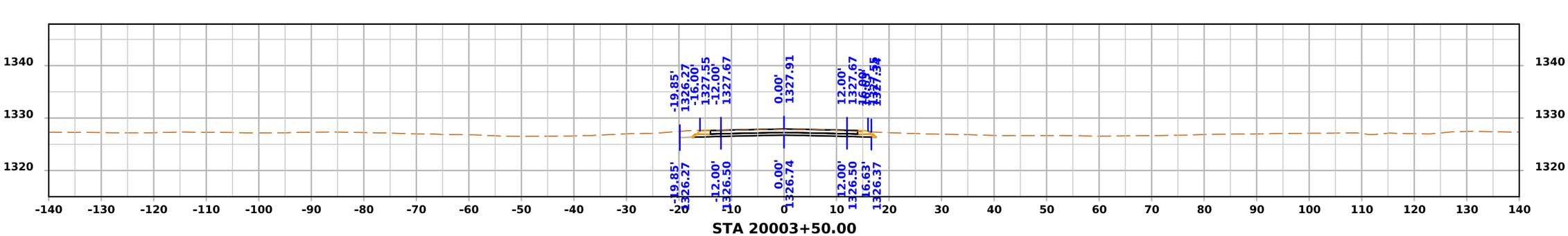
FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.46

10:13:17 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X04_W37th.dgn

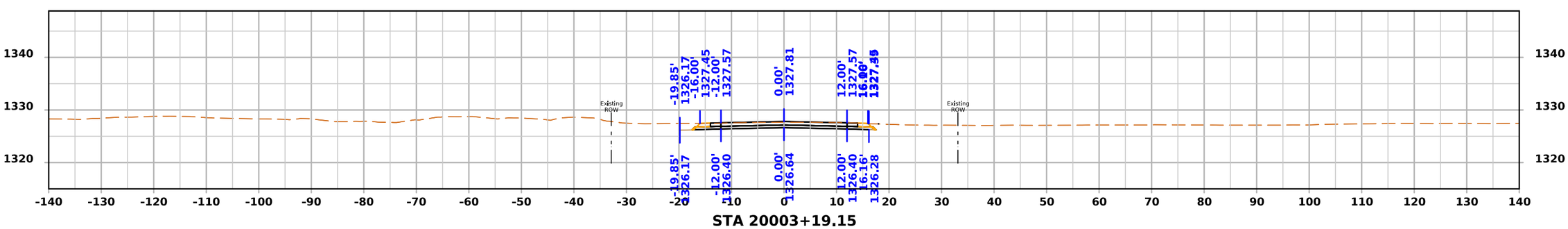
W 37th Ave



STA 20004+00.00



STA 20003+50.00

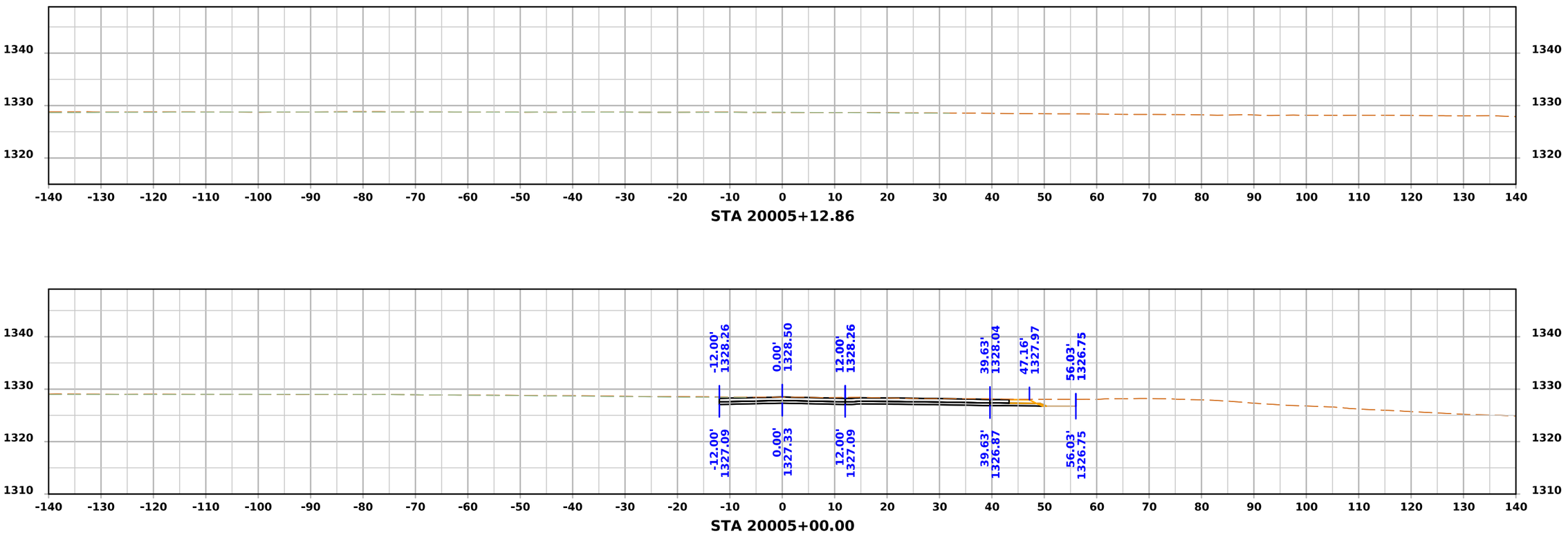


STA 20003+19.15

FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.47

10:13:18 AM 2/19/2025 ajanus2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\2101802023\Design\CADD_Files\Sheet_Files\SHT_21018142_X04_W37th.dgn

W 37th Ave



FILE NO.	ENGLISH	DESIGN TEAM Strum/Janus/Gunderson	CLAY COUNTY	PROJECT NUMBER HSIPX-018-2(142)--3L-21	SHEET NUMBER X.48

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