LETTING DATE 5/20/25

UNKNOWN PAVEMENT - GRADE AND NEW
IM-NHS-080-8(357)300--03-82

SCOTT COUNTY

IOWA DOT

REVISIONS

TOTAL 212

PROJECT IDENTIFICATION NUMBER
22-82-080-020
PROJECT NUMBER
IM-NHS-080-8(357)300--03-82
R.O.W. PROJECT NUMBER

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

SCOTT COUNTY

UNKNOWN PAVEMENT - GRADE AND NEW

1 mi W of Middle Rd to 1 mi E of Middle Rd in Bettendorf
Location

SCALES: As Noted

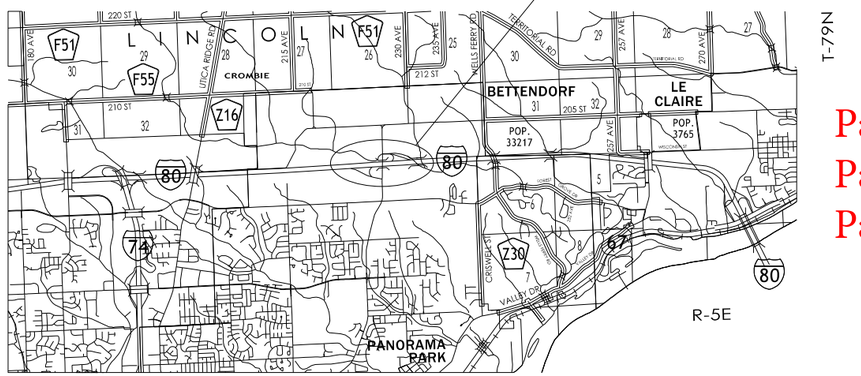
Refer to the Proposal Form for list of applicable specifications.

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.

H-Sheets -->

PROJECT LOCATION



Page 271 - Construction Staging
Page 278 - Utility Crossing Details
Page 283 - Utility Cross Section

INDEX OF SHEETS

No.	DESCRIPTION
A Sheets	**Title Sheets**
A.1	Title Sheet & Location Map Sheet
B Sheets	**Typical Cross Sections and Details**
B.1 - 13	Typical Cross Sections and Details
D Sheets	**Mainline Plan and Profile Sheets**
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - 4	ML I-80 WB Plan and Profile
* D.5 - 7	ML I-80 EB Plan and Profile
E Sheets	**Side Road Plan and Profile Sheets**
* E.1 - 2	SR Middle Road Plan and Profile
* E.3	Spencer Creek Plan and Profile
* E.4	Entrance Plan and Profile
F Sheets	**Detour or Temporary Pavement Sheets**
* F.1 - 3	Detour Plan and Profile Sheets
G Sheets	**Survey Sheets**
G.1 - 3	Reference Ties and Bench Marks
G.4	Alignment Coordinates
G.4	Sprial or Circular Curve Data
J Sheets	**Traffic Control and Staging Sheets**
* J.1	Traffic Control Plan
* J.2	Staging Notes
* J.2	Staging I-80 Bridge
K Sheets	**Interchange Sheets**
* K.1 - 2	Middle Road Ramps Geometric Sheets
* K.3 - 6	Middle Road Ramps Plan and Profile Sheets
M Sheets	**Storm Sewer Sheets**
M.1 - 5	Storm Sewer Plan Sheets
U Sheets	**500 Series, Mod.Stds. and Detail Sheets**
U.1 - 2	Parallel Decelration taper for 16' Ramp
V Sheets	**Bridge and Culvert Situation Plans**
V.1	Bridge and Culvert Situation Plans "In Progress"
W Sheets	**Mainline Cross Sections**
* W.1 - 52	I-80 Cross Sections
X Sheets	**Side Road Cross Sections**
* X.1 - 58	Middle Road Cross Sections
Y Sheets	**Ramp Cross Sections**
* Y.1 - 48	Ramp Cross Sections
* Y.49 - 94	Detour Cross Sections
* Y.95 - 106	Spencer Creek Cross Sections

* Color Plan Sheets

LOCATION MAP SCALE
0 1 2 3
Miles

I-80 DESIGN DATA RURAL			
2021	AADT	30,200	V.P.D.
2050	AADT	50,400	V.P.D.
2050	DHV	3,730	V.P.H.
TRUCKS		30	%
Total Design ESALs		50,400 TBD	

MIDDLE ROAD DESIGN DATA URBAN			
2021	AADT	6,400	V.P.D.
2050	AADT	20,600	V.P.D.
2050	DHV	935	V.P.H.
TRUCKS		11	%
Total Design ESALs		--	

Schedule:
D8 – 3–4–2025

PRELIMINARY PLANS

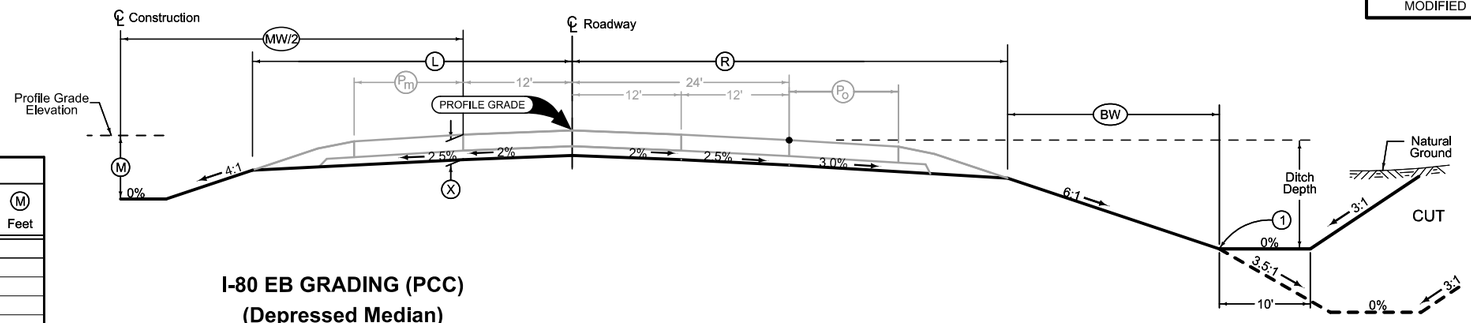
Subject to change by final design.

D5 PLAN – Date: 5–1–2023

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER A.1

11:48:14 AM 5/1/2023 mbenne2 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_A01.dgn

G_6_Grade_Depressed
MODIFIED



I-80 EB GRADING (PCC)
(Depressed Median)

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

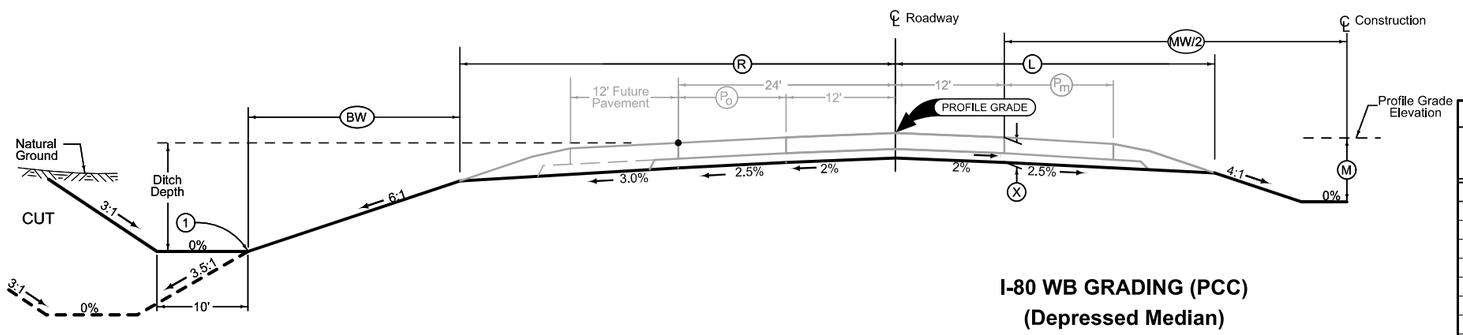
(1) See Plan & Profiles sheets and cross sections for additional details of ditches and backslopes.

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

LOCATION			DIMENSIONS					
ROAD IDENTIFICATION	STATION TO STATION		(L) Feet	(R) Feet	(X) Inches	(BW) Feet	(MW/2) Feet	(M) Feet
I-80 EB	21202+00.00	21225+55.49					30-54	
I-80 EB	21228+02.51	21248+30.46					54-30	

INTERSTATE 80 EB GRADING

G_6_Grade_Depressed
MODIFIED



I-80 WB GRADING (PCC)
(Depressed Median)

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

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

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

LOCATION			DIMENSIONS					
ROAD IDENTIFICATION	STATION TO STATION		(L) Feet	(R) Feet	(X) Inches	(BW) Feet	(MW/2) Feet	(M) Feet
I-80 WB	11208+00.00	11225+60.49					30	
I-80 WB	11228+17.37	11245+00.00					30	

INTERSTATE 80 WB GRADING

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER B.1

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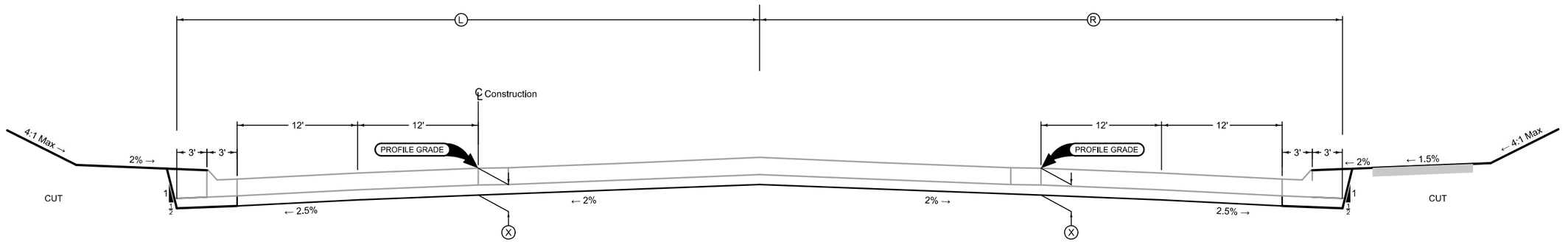
G_2_Grade
Modified



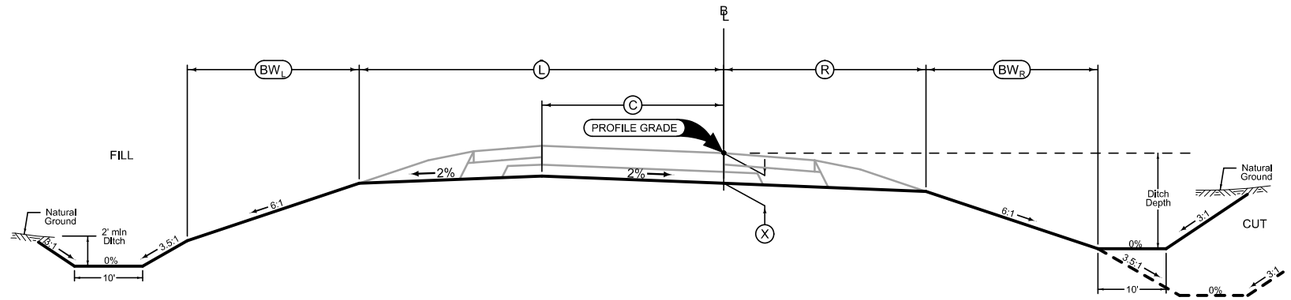
LOCATION		DIMENSIONS		LOCATION		DIMENSIONS	
STATION TO STATION		Ⓧ Inches	Ⓛ Feet	STATION TO STATION		Ⓧ Inches	Ⓡ Feet
212+88.00	219+64.22	xx	37-30	212+88.00	219+69.31	xx	37.00-76.35
219+64.22	232+92.53	xx	30-30	219+69.31	225+47.44	xx	76.35-82.00
232+95.53	235+46.90	xx	34.5	225+47.44	233+31.27	xx	82.00-82.00
235+46.90	236+88.60	xx	34.5-30	233+31.27	238+49.00	xx	82.00-65.5
236+99.60	243+59.54	xx	30-37	238+49.00	244+50.00	xx	65.5-37.00
24.3+59.54	245+75.00	xx	37.00	244+50.00	245+75.00	xx	37.00
245+75.00	248+75.00	xx	37-21	245+75.00	248+75.00	xx	37.00-21.00
248+75.00	249+00.00	xx	21.00	248+75.00	249+00.00	xx	21.00

MIDDLE ROAD GRADING

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

G_1R_Grade
04-15-14

LOCATION				DIMENSIONS					
INTERCHANGE	RAMP	STATION TO STATION		(L) Feet	(R) Feet	(C) Feet	(X) Inches	(BW_L) Feet	(BW_R) Feet
MIDDLE ROAD	A	5227+67.30	5240+80.82	26.0	13.3	16	22	14.0	10.7
MIDDLE ROAD	B	2213+61.15	2226+10.64	26.0	13.3	16	22	14.0	10.7
MIDDLE ROAD	D	4227+22.73	4237+52.89	26.0	13.3	16	22	14.0	10.7



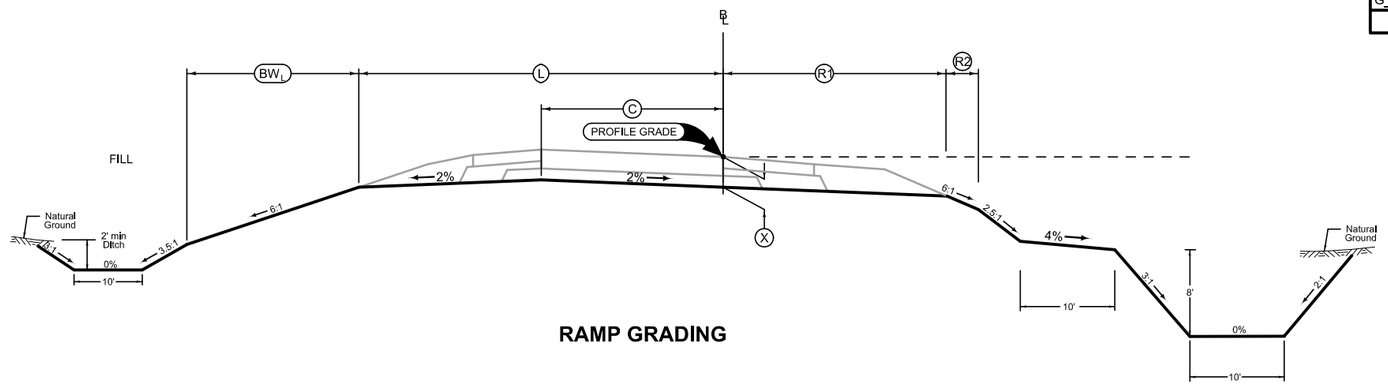
RAMP GRADING

Section view is in direction of traffic.

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

G_1R_Grade
Mod.

LOCATION				DIMENSIONS					
INTERCHANGE	RAMP	STATION TO STATION		(L) Feet	(R1) Feet	(R2) Feet	(C) Feet	(X) Inches	(BW)
MIDDLE ROAD	C	3216+37.22	3226+12.85	26.0	17.3	0-4	16	22	14.0



RAMP GRADING

Section view is in direction of traffic.

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

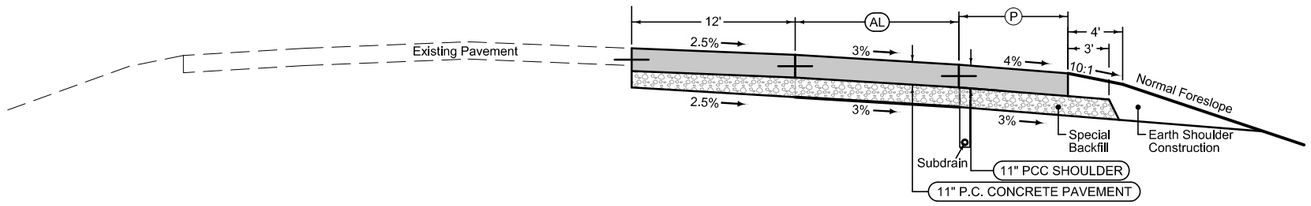
Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Direction of Travel	BEGIN STATION	END STATION	6_AuxLane_PCC_ MODIFIED (AL) Feet	6_AL_Shldr_FullPCC_ MODIFIED (P) Feet
EB	1196+00.00	1199+00.00	0-12	10-6
EB	1199+00.00	1202+00.00	12	6
EB	1248+30.00	1251+00.00	12	6
EB	1251+00.00	1257+00.00	12-0	6-10

Auxiliary Lane
Full Depth Shoulder

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

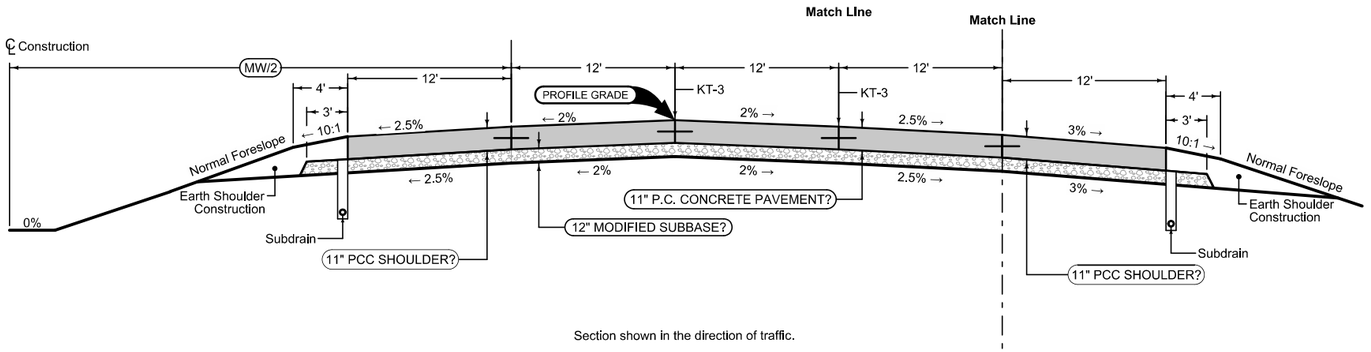


INTERSTATE 80 EB PCC PAVING

Full Depth PCC Shoulder

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

Direction of Travel	BEGIN STATION	END STATION
EB	21202+00.00	21225+00.00
EB	21229+00.00	21248+30.46



Section shown in the direction of traffic.

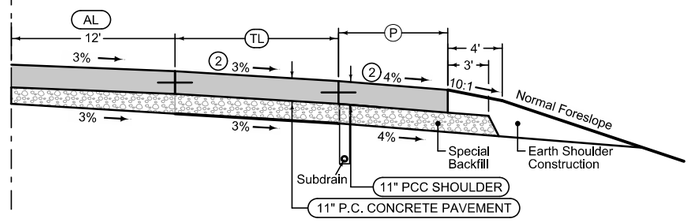
Mainline Jointing:
Transverse joints: CD at 17' spacing

Direction of Travel	BEGIN STATION	END STATION	6DP_Dprs_ MODIFIED (MW/2) Feet
EB	21202+00.00	21225+55.49	30-54
EB	21228+02.51	21248+30.46	54-30

Full Depth PCC Shoulder

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

Direction of Travel	BEGIN STATION	END STATION
EB	21213+62.93	21225+00.00
EB	21229+00.00	21237+51.93



Auxiliary Lane
Full Depth Shoulder

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

Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Direction of Travel	BEGIN STATION	END STATION	6_AuxLane_PCC_ MODIFIED (TL) Feet	6_AL_Shldr_FullPCC_ MODIFIED (P) Feet
EB	21202+00.00	21209+41.77	0	6
EB	21209+41.77	21213+62.93	0-16	6
EB	21237+51.93	21240+62.14	16-0	6
EB	21240+62.14	21248+30.46	0	6

(2) See Road Design 533-01 and 533-02 for the cross slope. Also refer to X-section for details.

INTERSTATE 80 EB PCC PAVING

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER B.4

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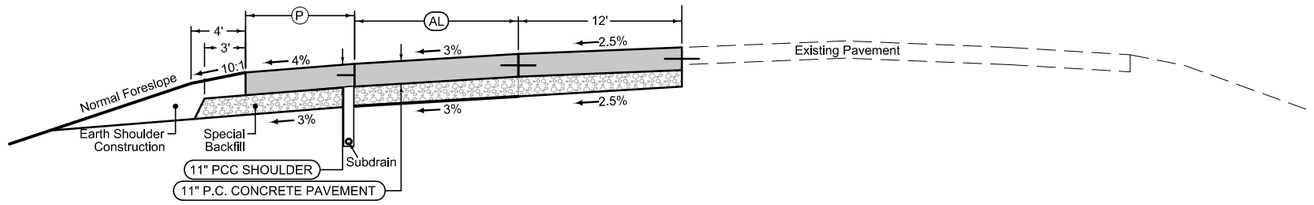
Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Direction of Travel	BEGIN STATION	END STATION	6_AuxLane_PCC_MODIFIED (AL) Feet	6_AL_Shldr_FullPCC_MODIFIED (P) Feet
WB	1197+00.00	1203+00.00	0-12	10-6
WB	1203+00.00	1208+00.00	12	6
WB	1245+00.00	1255+00.00	12	6
WB	1255+00.00	1258+00.00	12-0	6-10

Auxiliary Lane
Full Depth Shoulder

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

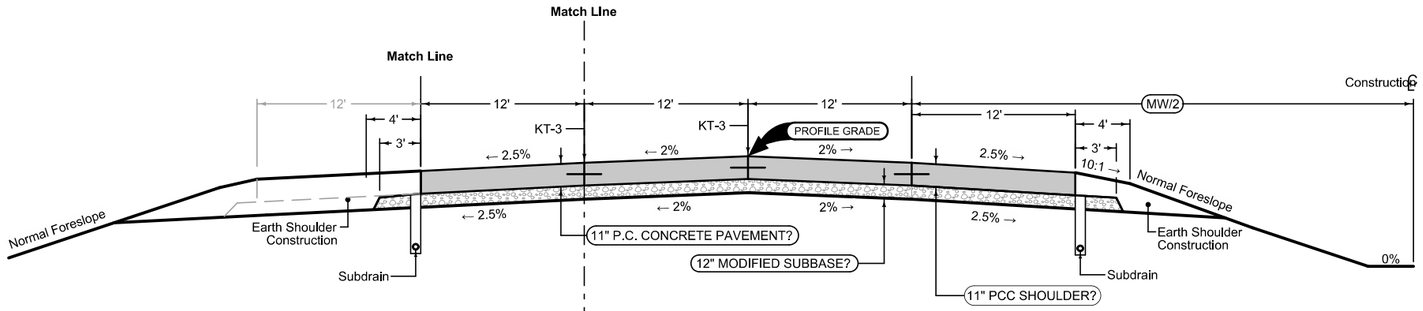


INTERSTATE 80 WB PCC PAVING

Full Depth PCC Shoulder

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

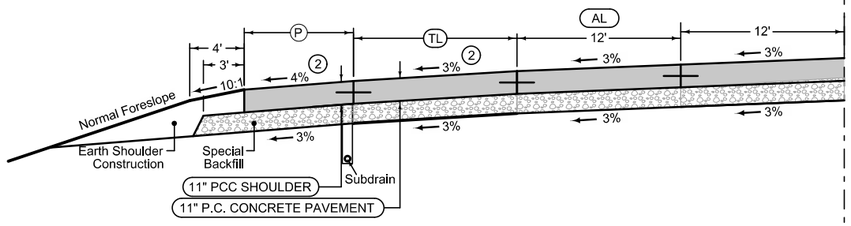
Direction of Travel	BEGIN STATION	END STATION
	6D_Dprs_P_FullPCC_04-21-20	
WB	11216+38.45	11225+60.49
WB	11228+17.37	11240+79.75



Full Depth PCC Shoulder

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

Direction of Travel	BEGIN STATION	END STATION
	6D_Dprs_P_FullPCC_MODIFIED	
WB	11208+00.00	11225+60.49
WB	11228+17.37	11245+00.00



Section shown in the direction of traffic.

Mainline Jointing:
Transverse joints: CD at 17' spacing

Direction of Travel	BEGIN STATION	END STATION	6DP_Dprs_MODIFIED (MW/2) Feet
WB	11208+00.00	11225+60.49	30
WB	11228+17.37	11245+00.00	30

Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

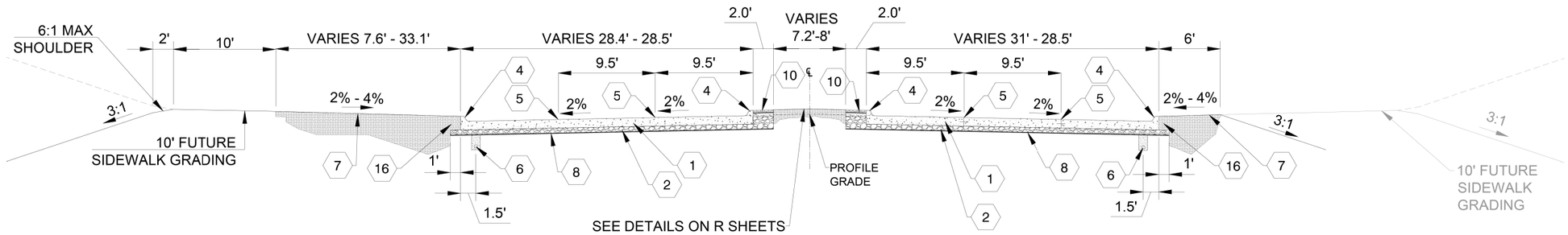
Direction of Travel	BEGIN STATION	END STATION	6_AuxLane_PCC_MODIFIED (TL) Feet	6_AL_Shldr_FullPCC_MODIFIED (P) Feet
WB	11208+00.00	11213+28.09	0	6
WB	11213+28.09	11216+38.45	0-16	6
WB	11240+79.75	11244+69.33	16-0	6
WB	11244+69.33	11245+00.00	0	6

Auxiliary Lane
Full Depth Shoulder

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

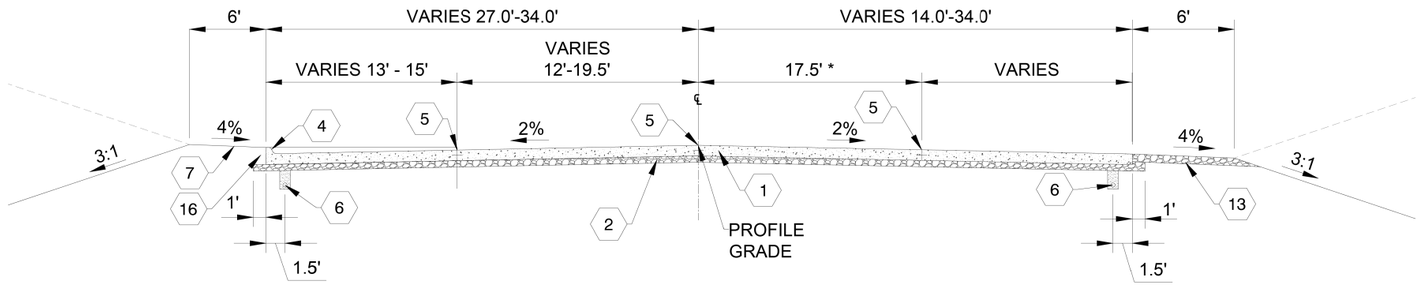
(2) See Road Design 533-01 and 533-02 for the cross slope.
Also refer to X-section for details.

INTERSTATE 80 WB PCC PAVING



4 LANE DIVIDED RAISED MEDIAN W/ TRAIL

LOCATION		
ROAD IDENTIFICATION	STATION TO STATION	
MIDDLE ROAD	215+13.80	218+45.43



PCC TRANSITION SECTION
*JOINT ENDS AT STA. 220+77.00 RT

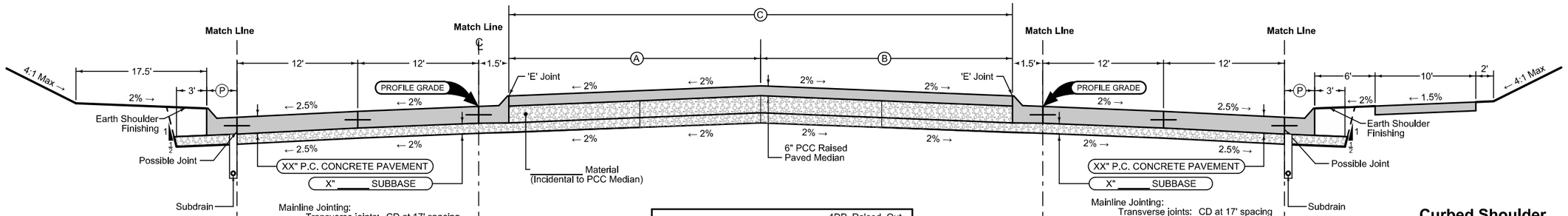
LOCATION		
ROAD IDENTIFICATION	STATION TO STATION	
MIDDLE ROAD	218+45.43	220+33.78

1. PCC PAVEMENT, CLASS C-SUD, CLASS 3 DURABILITY, 10"
2. 6" MODIFIED SUBBASE
4. 6" STANDARD CURB (PV-102)
5. KT-2 OR L-2 JOINT
6. SUBDRAIN, LONGITUDINAL, 4"
7. SODDING / SEEDING
8. SUBGRADE STABILIZATION MATERIAL, POLYMER GRID
10. CLAY PAVERS WITH 4 IN. PCC BASE
13. 6" GRANULAR SHOULDER, TYPE A
16. BEHIND CURB FINISHING, TYP ALL LOCATIONS, SEE DETAIL ON SHEET B.13

ENGLISH | IOWA DOT | DESIGN TEAM HDR|ENGINEERING | CITY OF BETTENDORF | SCOTT COUNTY | PROJECT NUMBER STP-U-0587(639)--70-82 | SHEET NUMBER B.6 | REVISED

TYPICAL SECTIONS

" For Information Only"
City of Bettendorf project on Middle Road



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

BEGIN STATION	END STATION
212+88.00	245+75.00

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

BEGIN STATION	END STATION
212+88.00	245+75.00

Curbed Shoulder

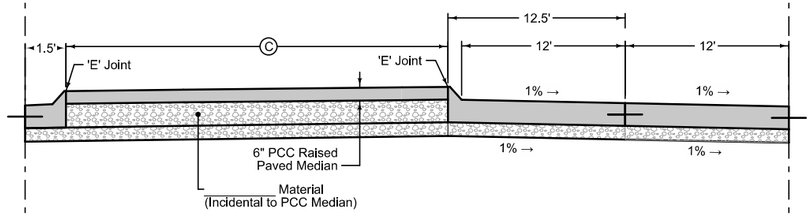
Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

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

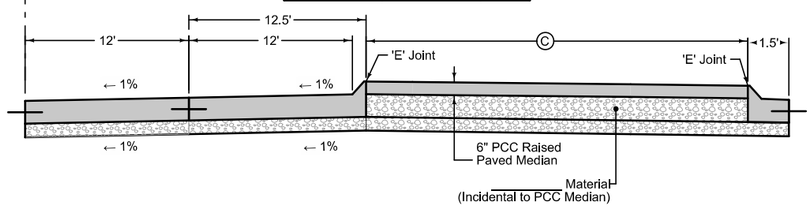
STATION TO STATION		(P) Feet	2_Curb_ 04-21-20 Curb Type See PV-102
212+88.00	224+00.00	3	
225+50.00	231+46.09	3	
237+26.09	245+75.00	3	

BEGIN STATION	END STATION	(A) Feet	(B) Feet	(C) Feet
212+88.00	213+00.00	xx	xx	11
213+00.00	224+00.00	xx	xx	11-49
224+00.00	225+50.00	xx	xx	0
231+46.09	232+96.09	xx	xx	0
232+96.09	244+75.00	xx	xx	49-11

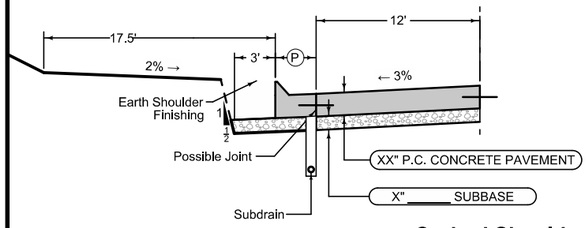
4DP_Raised_Out_Mod.



BEGIN STATION	END STATION	(C) Feet
228+29.09	231+46.09	26-3



BEGIN STATION	END STATION	(C) Feet
225+50.00	228+28.89	26-3



Curbed Shoulder

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

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

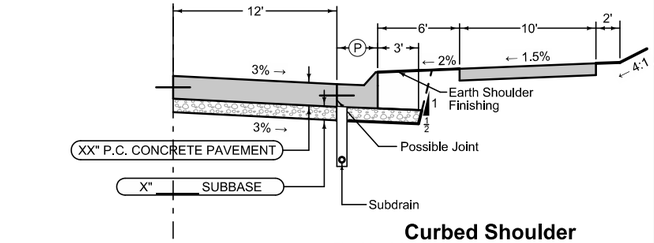
STATION TO STATION		(P) Feet	2_Curb_ 04-21-20 Curb Type See PV-102
232+96.53	237+26.09	0.5	

Auxiliary Lane

Longitudinal joint: L-2 or KT-2
Transverse joint: Match Mainline

Direction of Travel	BEGIN STATION	END STATION	(AL) Feet
SB	232+96.53	235+46.09	12
SB	235+46.09	237+26.09	12-0

4_AuxLane_PCC_MODIFIED



Curbed Shoulder

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

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

STATION TO STATION		(P) Feet	2_Curb_ 04-21-20 Curb Type See PV-102
212+88.00	219+69.46	3	
225+50.00	231+46.09	3	
232+96.09	245+75.00	3	

Auxiliary Lane

Longitudinal joint: L-2 or KT-2
Transverse joint: Match Mainline

Direction of Travel	BEGIN STATION	END STATION	(AL) Feet
NB	219+69.46	221+50.00	0-12
NB	221+50.00	223+84.00	12

4_AuxLane_PCC_MODIFIED

Curbed Shoulder

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

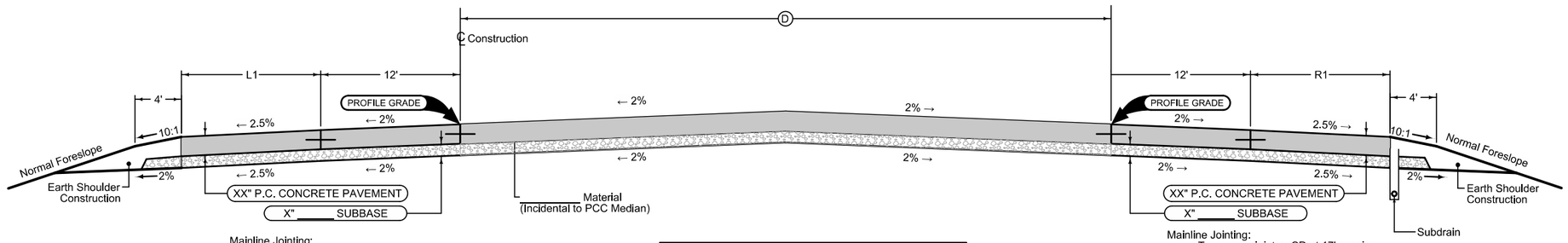
Single pour: L-2
Staged : KT-2
Transverse: C at 17' spacing

STATION TO STATION		(P) Feet	2_Curb_ 04-21-20 Curb Type See PV-102
219+69.46	223+84.00	0.5	

MIDDLE RD PCC PAVING

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER B.7

8:00:41 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_B01.dgn



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

BEGIN STATION	END STATION	(L1) Feet
245+75.00	248+75.00	15-0

BEGIN STATION	END STATION	(A) Feet	(B) Feet	(D) Feet
245+75.00	248+50.00	xx	xx	14-0
248+50.00	249+00.00	xx	xx	0

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

BEGIN STATION	END STATION	(R1) Feet
245+75.00	248+75.00	15-0

MIDDLE RD PCC PAVING

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER B.8	

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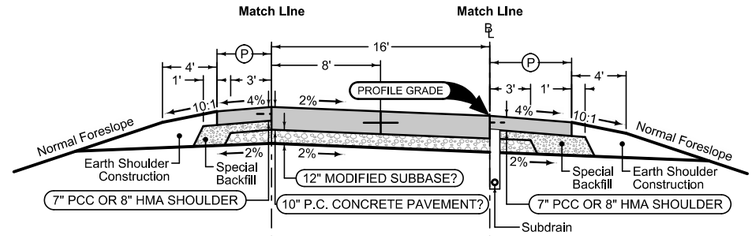
Paved Shoulder Alternates

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 15' spacing
HMA Shoulder Jointing:
Longitudinal joint: B

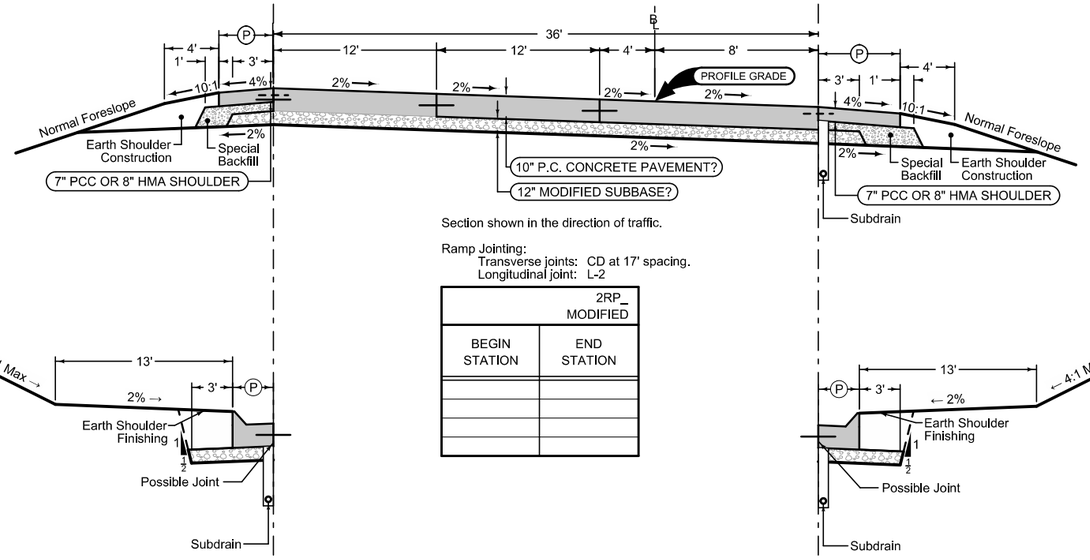
1R_P_ALT_ 10-16-18		
BEGIN STATION	END STATION	(P) Feet



Section shown in the direction of traffic.

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

1RP_ 10-17-17	
BEGIN STATION	END STATION



Section shown in the direction of traffic.

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

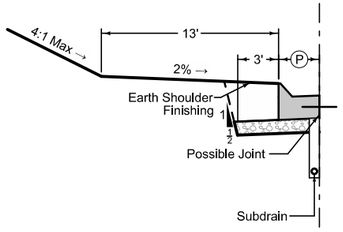
2RP_ MODIFIED	
BEGIN STATION	END STATION

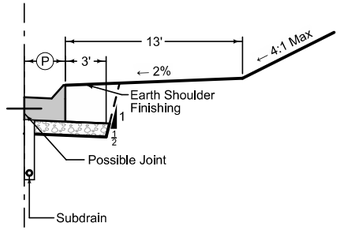
Curbed Shoulder

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

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

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





Paved Shoulder Alternates

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 15' spacing
HMA Shoulder Jointing:
Longitudinal joint: B

1R_P_ALT_ 10-16-18		
BEGIN STATION	END STATION	(P) Feet

Curbed Shoulder

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

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

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

RAMP A PCC PAVING

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER B.9

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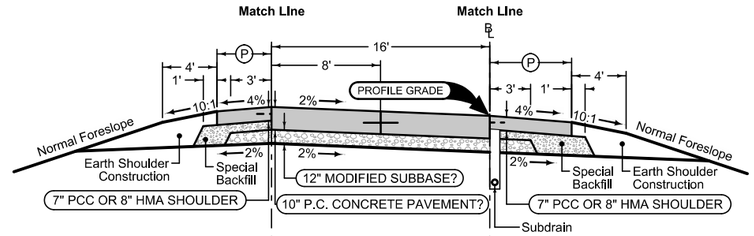
Paved Shoulder Alternates

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 15' spacing
HMA Shoulder Jointing:
Longitudinal joint: B

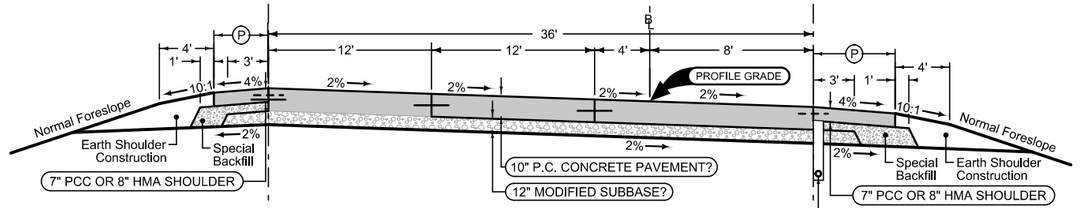
1R_P_ALT_ 10-16-18		
BEGIN STATION	END STATION	(P) Feet



Section shown in the direction of traffic.

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

1RP_ 10-17-17	
BEGIN STATION	END STATION



Section shown in the direction of traffic.

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

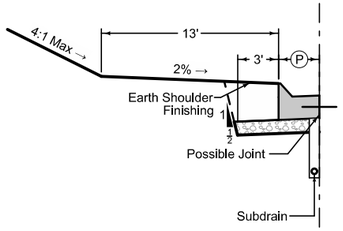
2RP_ MODIFIED	
BEGIN STATION	END STATION

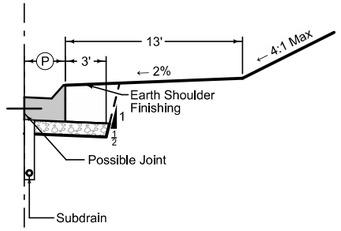
Curbed Shoulder

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

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

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





Paved Shoulder Alternates

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 15' spacing
HMA Shoulder Jointing:
Longitudinal joint: B

1R_P_ALT_ 10-16-18		
BEGIN STATION	END STATION	(P) Feet

Curbed Shoulder

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

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

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

RAMP B PCC PAVING

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER B.10

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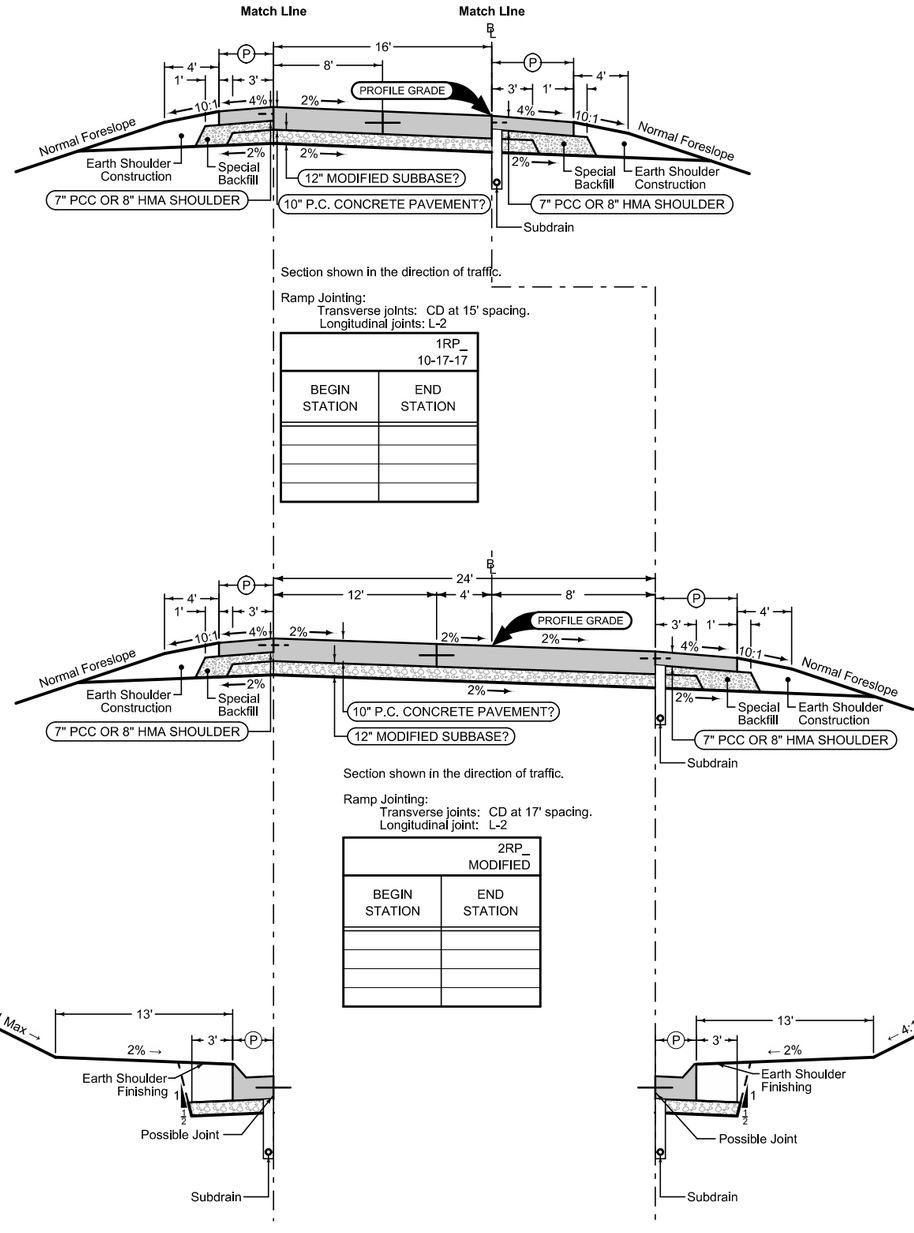
Paved Shoulder Alternates

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 15' spacing
HMA Shoulder Jointing:
Longitudinal joint: B

1R_P_ALT_ 10-16-18		
BEGIN STATION	END STATION	(P) Feet



1RP_ 10-17-17	
BEGIN STATION	END STATION

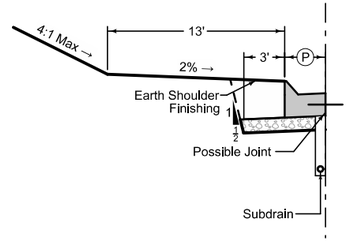
2RP_ MODIFIED	
BEGIN STATION	END STATION

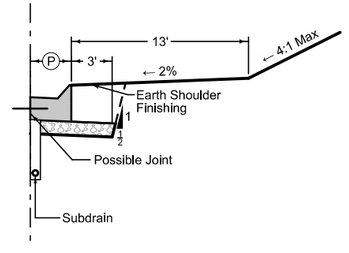
Curbed Shoulder

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

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

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





Paved Shoulder Alternates

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 15' spacing
HMA Shoulder Jointing:
Longitudinal joint: B

1R_P_ALT_ 10-16-18		
BEGIN STATION	END STATION	(P) Feet

Curbed Shoulder

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

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

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

RAMP C PCC PAVING

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER B.11

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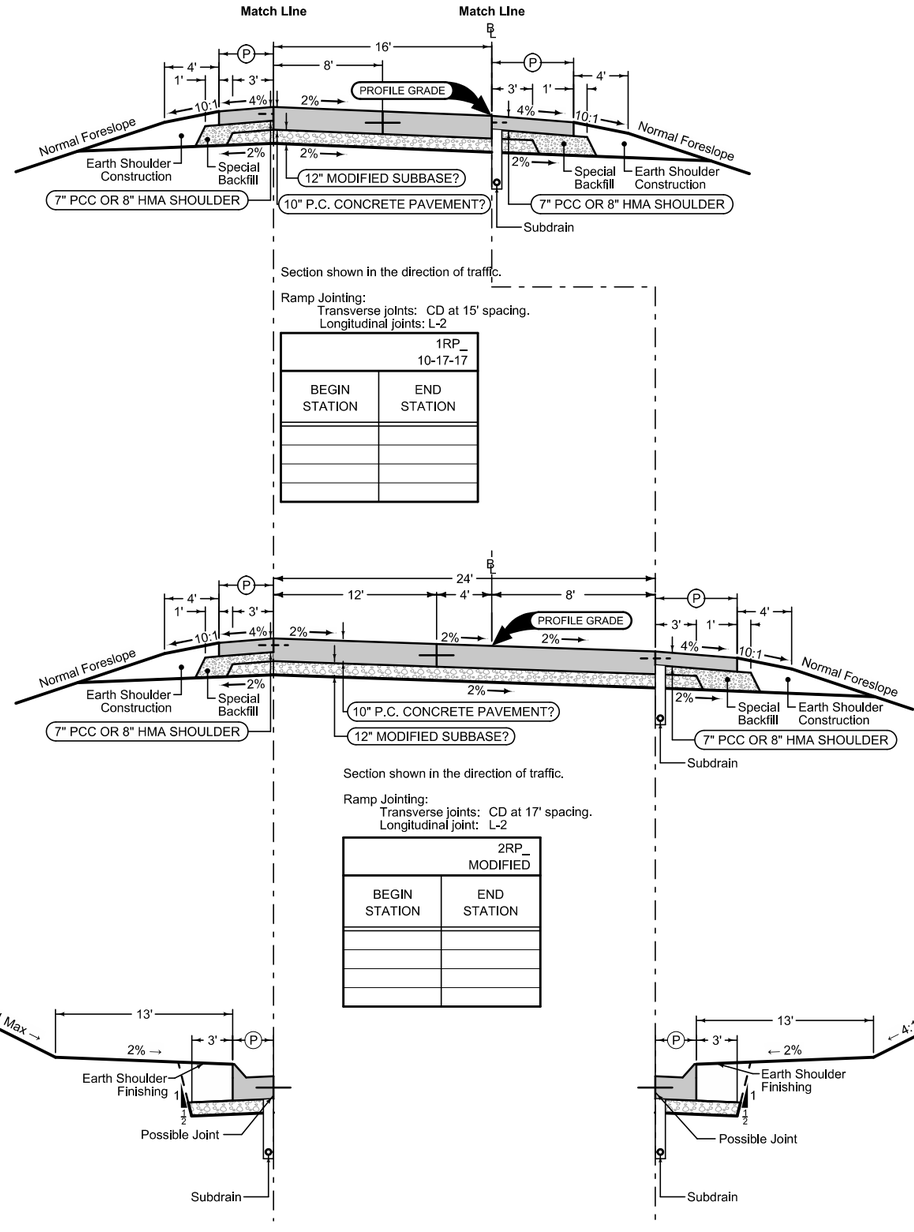
Paved Shoulder Alternates

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 15' spacing
HMA Shoulder Jointing:
Longitudinal joint: B

1R_P_ALT_ 10-16-18		
BEGIN STATION	END STATION	(P) Feet



1RP_ 10-17-17	
BEGIN STATION	END STATION

2RP_ MODIFIED	
BEGIN STATION	END STATION

Paved Shoulder Alternates

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 15' spacing
HMA Shoulder Jointing:
Longitudinal joint: B

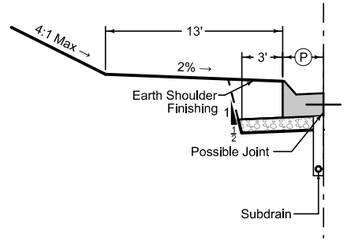
1R_P_ALT_ 10-16-18		
BEGIN STATION	END STATION	(P) Feet

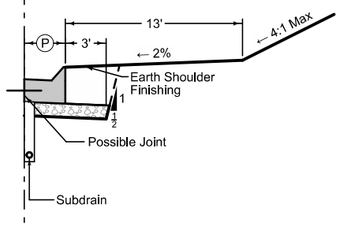
Curbed Shoulder

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

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

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





Curbed Shoulder

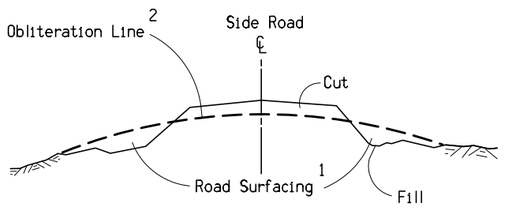
Shoulder Jointing:
Longitudinal joint not required when distance from back of curb to nearest joint is less than 15':

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

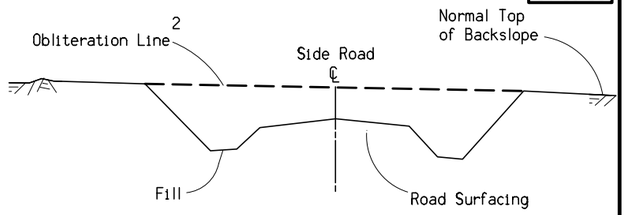
2_Curb_ 04-21-20			
STATION TO STATION		(P) Feet	Curb Type See PV-102
			6" SLP

RAMP D PCC PAVING

4302
04-03-01



Fill Section



Cut Section

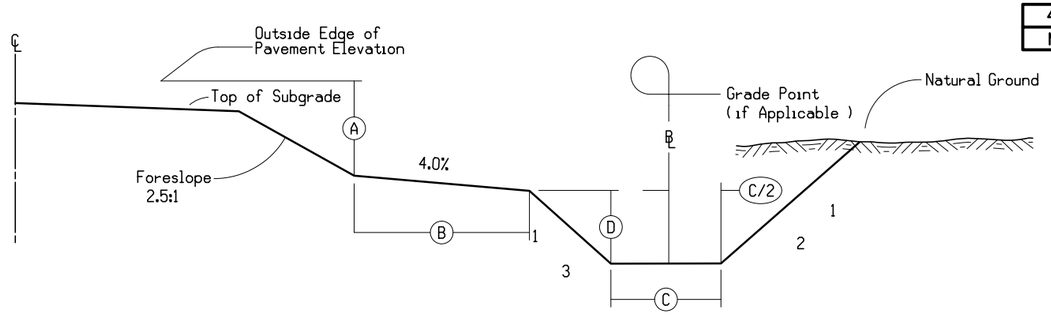
1 Existing road surfacing (granular material) shall be placed as shown unless otherwise directed by the Engineer or provided for in the detail project plans.

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

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

TYPICAL DETAILS FOR OBLITERATION EXISTING ROADBED

4204
MOD.



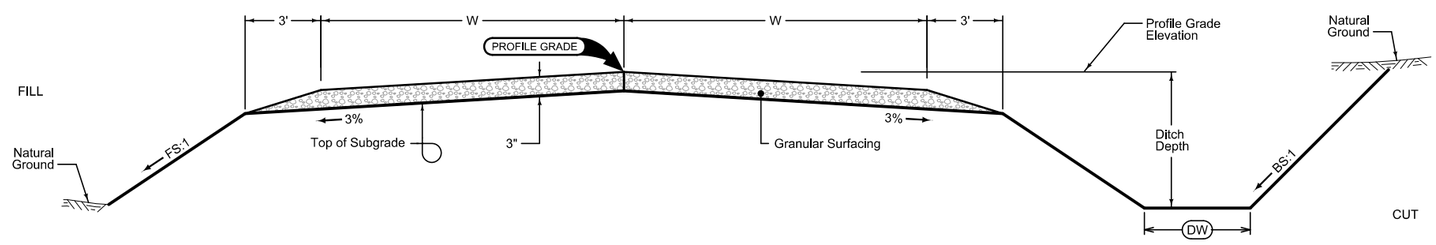
DETAILS OF TYPICAL STREAM RELOCATION

LOCATION		SIDE	(A) Feet	(B) Feet	(C) Feet	(D) Feet
STATION TO STATION						
3216+37.22	3226+12.85	Rt.	xx	10	10	8

Note:

Details shown are typical. Refer to plan cross sections for additional data on Special Ditches.

LOCATION			DIMENSIONS			
ROAD IDENTIFICATION	STATION TO STATION		FS	BS	(DW) Feet	W Feet
ENTL23800	1231+44.50	1234+38.23	var.	3	var.	6
ENTL23800	1234+38.23	1236+36.10	var.	3	var.	6 - 12
ENTL23800	1236+36.10	1244+52.39	var.	3	var.	12
ENTR245	5245+68.82	5245+88.82	var.	3	0	32 - 12
ENTR245	5245+88.82	5247+12.51	var.	3	0	12



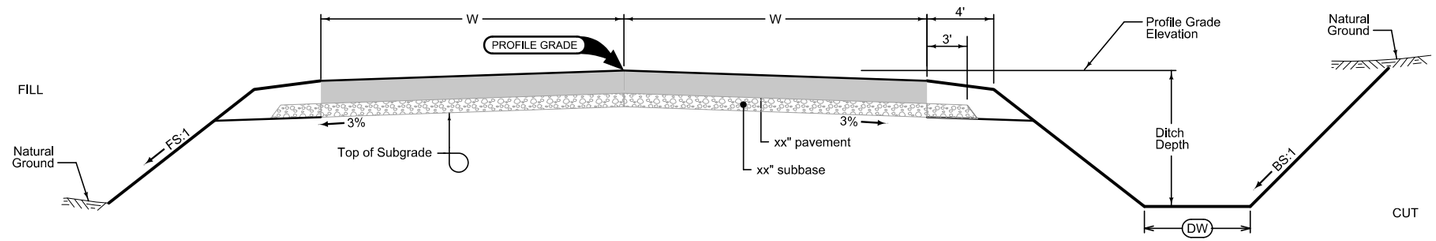
Normal section shown may be modified appropriately in areas of superelevated curves or other locations specifically designated by the Engineer.

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

Please refer X-section for FS

GRADING AND GRANULAR SURFACING

LOCATION			DIMENSIONS			
ROAD IDENTIFICATION	STATION TO STATION		FS	BS	(DW) Feet	W Feet
ENTL23800	1236+91.97	1237+12.30	var.	3	var.	32 - 12
ENTL23800	1237+12.30	1237+65.17	var.	3	var.	12
ENTL23800	1237+65.17	1237+85.17	var.	3	var.	12 - 32
ENTL24500	1244+52.39	1244+90.89	var.	3	var.	12
ENTL24500	1244+90.89	1245+40.89	var.	3	var.	12 - 32



PAVED ENTRANCE

ENTRANCES

SURVEY SYMBOLS

AST, Above Ground Storage Tank
BB, Billboard
BBB, Bottom of Bridge Beam
BCL, Bridge Centerline
BD, Bridge Deck
BIN, Grain Bin
BL, Topo Breakline
BLD, Building or Foundation
BLS, Bridge Low Steel
BM, Bench Mark
BNK, Stream Bank
BRG, Bridge
C, Centerline BL of Road -ML or SR
CAV, Cave
CEL, Cell Phone Tower
CIS, Cistern
CON, Concrete or A/C Slab
CP, Control Point
CRP, Corporation Line
CS, Curve Point
CU, Back of Curb
CUL, Culvert
D, Centerline Draw or Stream -Down
DAB, Drainage Area Boundary
DIK, Centerline of Dike or Dam
DTM, Photogrammetry Elv Control Check
DU, Centerline Draw or Stream -Up
EB, Electrical Box
EG, Edge of Gravel Road
ENP, Edge Paved Entrance and Park Lot
ENT, Centerline BL of Entrance
ENU, Edge Unpaved Entrance and Parking
EP, Edge of Paved Roads -ML or SR
EW, Edge of Water
FCL, Chain Link and Security Fence
FENO, FENO Monument
FHD, Fire Hydrants
FLG, Flag Poles
FP, Filler Pipe
FW, Wire Fence
FWD, Wood Fence
GDC, Guard Rail Cable
GDL, Guard Rail Steel
GP, Guard Post -Less Than 4 Posts
GPR, Guard Post -4 or More Posts
GR, Ground Shot
GRV, Grave
GU, Gutter In Front of Curb
GV, Gas Valve
HDG, Hedge Row
HS, Hydric Soil -Wetlands
HT, Electrical Highline Tower
IN, Storm Sewer Intake
INB, Storm Sewer Beehive Intake
LC, Lot Corner
LIN, Miscellaneous Line
LP, L.P. Tank
LUM, Luminaire
MH, Utility Access -Manhole
MIS, Miscellaneous
MM, Mile Marker Post
OUT, Tile Outlet
PC, Curve Point
PCP, Photo Control Point
PCT, Photo Control Target
PI, Tangent Point
PIP, Pipe Culvert
PL, Location of Photo -Wetlands
PLG, Location of General Photo
POC, Curve Point
POST, Spiral Point

PR, Electic Riser Pole
PRO, Profile Shot
PT, Curve Point
REF, Reference Tie Point
RET, Retaining Walls
RIP, Rip-Rap
ROC, Rock Outcropping
ROW, Right of Way Mark
RR, Centerline of Railroad Tracks
RRB, Railroad Signal Box
RRF, Railroad Frog
RRR, Railroad Rail
RRS, Railroad Signal
RRW, Railroad Switch
RT, Radio Tower
S, Soil Sampling Site -Wetlands
SBR, Size of Bridge
SC, Spiral Point
SCR, Section Corner
SEP, Septic Tank
SF, Silt Fence -Wetlands
SG, Staff Gauge -Wetlands
SH, Paved Shoulder
SHR, Shrub
SI, Sign
SL, Speed Limit Sign
SLN, Section Line
SLO, Silo
SNK, Sink Hole
SNP, Unpaved Shoulder
SP, Stream Profile
STP, Stump
SWK, Sidewalk
SWP, Swamp or Marsh
TA, Tower Anchor
TBO, Telephone Booth
TCB, Traffic Signal Box
TDC, Tree Deciduous
TDL, Trafic Detection Loop
TER, Terrace
TEV, Evergeen Tree
TFR, Tree Fruit
TGP, Telegraph Pole
TIL, Tile Line
TLNL, Tree Line Left
TLNR, Tree Line Right
TOP, Top of Bridge Pier
TPA, Telephone Pole Co. 1
TPB, Telephone Pole Co. 2
TPC, Telephone Pole Co. 3
TR, Telephone Riser Pole
TRL, Trail
TS, Spiral Point
TSB, Telephone Switch Box
TSG, Traffic Signal
TSL, Traffic Signal and Luminare
TV, Satelite TV Dish
TVP, TV Pedestal
TW, Top of Water
UB, Utility Box
UE, Utility Elevation
UPH, Utility Pot Hole - Quality A
UST, Underground Tank
UV, Underground Utility Vault
VS, Channel Cross Section
WC, Wild Card -Misc. Field Shot
WEL, Well
WHD, Water Hydrant
WHU, RV Water Hook Up
WM, Wind Mill
WND, Wind Turbine
WV, Water Valve

SURVEYED UTILITY OWNER SYMBOLS

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

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

SURVEYED UTILITY OWNER SYMBOLS

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

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

E1 — ELID, MidAmerican_Elec - Quality D
SAN. — SAID, City of Bettendorf- Quality D
T1 — TLID, Central Scott Telephone - Quality D
T2 — TL2D, Century Link - Quality D
E2 — EL2D, Iowa DOT - Quality D
W — WLID, Iowa American Water - Quality D
FO — FOID, Iowa Communications Network - 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

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 HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER D.1

1:22:05 PM 11/29/2022 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_LGD.dgn

Lincoln TWP.
T-79N R-4E
SEC. 34

Lincoln TWP.
T-79N R-4E
SEC. 35

Pleasant Valley TWP.
T-78N R-4E
SEC. 2

Sta. 1186+06.1
48"x219' RCP, FAIR
D.A.=29.8 ac
ROLLING

Sta. 1189+05.8
24"x61' RCP, FAIR
D.A.=3.1 ac
FLAT

Sta. 1195+04.9
24"x151'
D.A.=7.9
ROLLING

Sta. 1204+45.7
24"x60' RCP, FAIR
D.A.=2.7 ac
FLAT

Sta. 1204+68.1
Skew 1° RT. AHEAD
24"x179' RCP, FAIR
D.A.=2.0 ac
ROLLING

Sta. 1207+23.6
Skew 26° LT. AHEAD
4'X4'X279' BOX, FAIR
D.A.=51.7 ac
FLAT

Sta. 1214+02.1
24"x57' RCP, FAIR
D.A.=2.7 ac
FLAT

0 FEET 100

11190+00 11195+00 11200+00 11205+00 11210+00 11215+00

1190+00 1195+00 1200+00 1205+00 1210+00 1215+00

POB 11188+00.00

Existing ROW

ROW Construction Limits

Sta. 1197+00.00 (ML080)
Begin Construction

(Future Lane)

Sta. 11208+00.00 (MLWB080)
Sta. 1208+00.00 (BL I-80)
Begin WB Paving

I-80 EB

I-80

Permanent Easement
Construction Limits

24" X 21' CPP
30" X 24' RCP

24" X 95' CPP

48" X 58' RCP

Temporary Easement
Construction Limits

Existing ROW
Obliteration Construction Limits

ROW Construction Limits

I-80 WB

750 740 730 720 710 700 690 680

+0.80% LT Ditch Grade
-0.69% LT Ditch Grade
-0.79%
+10.00%
+0.00%
-10.00%
+1.00%
-0.47%
-0.75%
-0.55% MED Ditch Grade
-0.35%
-2.68%

LT +50 723.00
LT +00 724.20
LT +00 719.37
MED +00 722.13
MED +25 720.36
MED +38 721.65
MED +48 721.65
MED +64 720.05
LT +00 716.00
LT +00 717.00
MED +00 717.40
MED +00 716.93
MED +18 718.75
MED +28 718.75
MED +50 716.59

VPI = +50.00
ELV = 718.26
L = 400.00
K = 1007

Proposed Gr. CL WB
I-80

Exist. Gr. CL WB
I-80

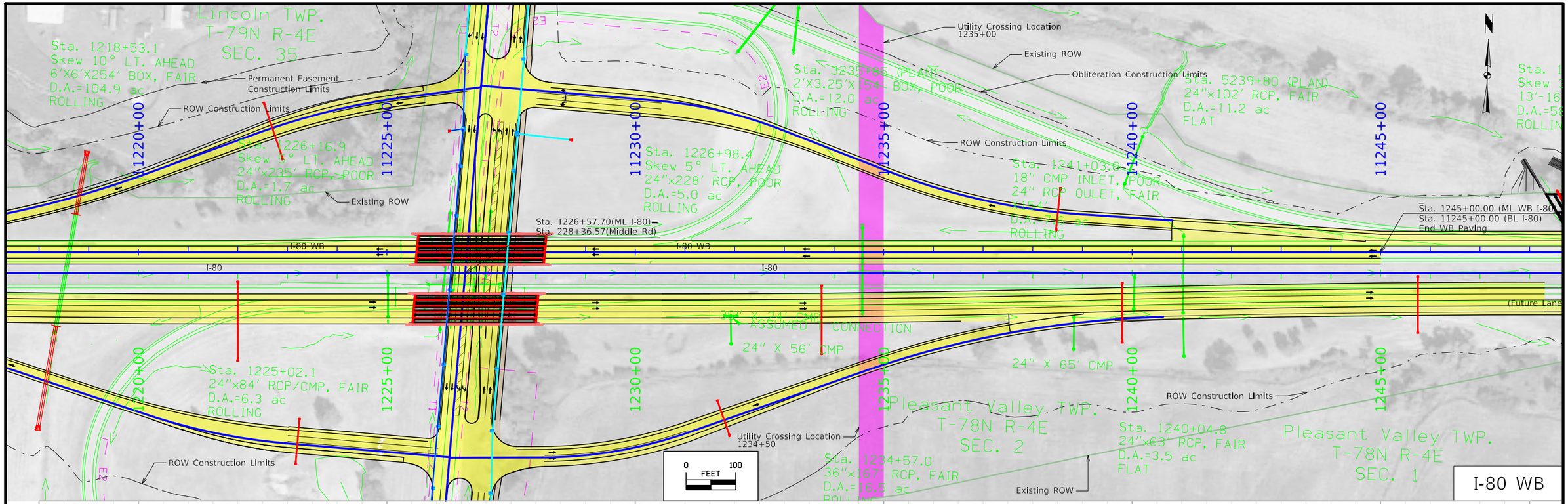
LT +40 714.12
MED +20 714.50
MED +00 712.48
MED +30 714.50
MED +53 712.20

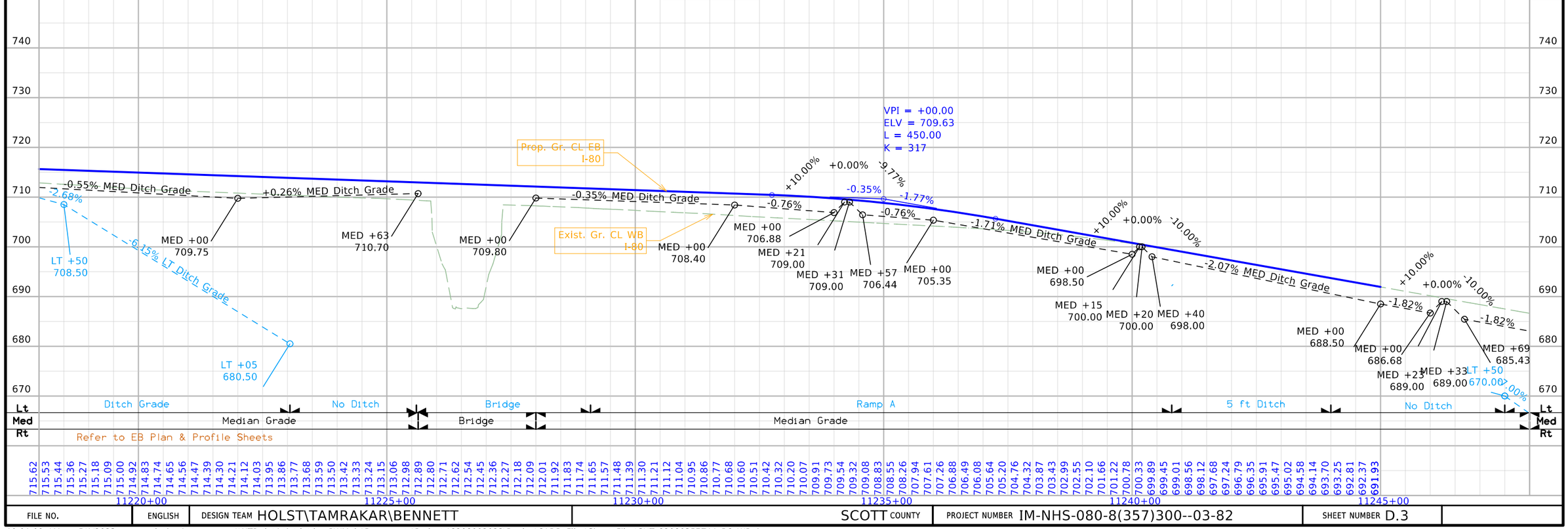
Lt U.A.C. Ditch Grade No Ditch 5 ft Ditch No Ditch Ditch Grade Lt
Med U.A.C. Median Grade Med
Rt Refer to EB Plan & Profile Sheets Rt

720.14 719.95 719.76 719.58 719.40 719.23 719.06 718.91 718.75 718.60 718.46 718.33 718.20 718.08 717.96 717.85 717.75 717.65 717.56 717.47 717.38 717.30 717.21 717.12 717.03 716.94 716.85 716.77 716.68 716.59 716.50 716.41 716.33 716.24 716.15 716.06 715.97 715.88 715.80 715.71 715.62

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER D.2

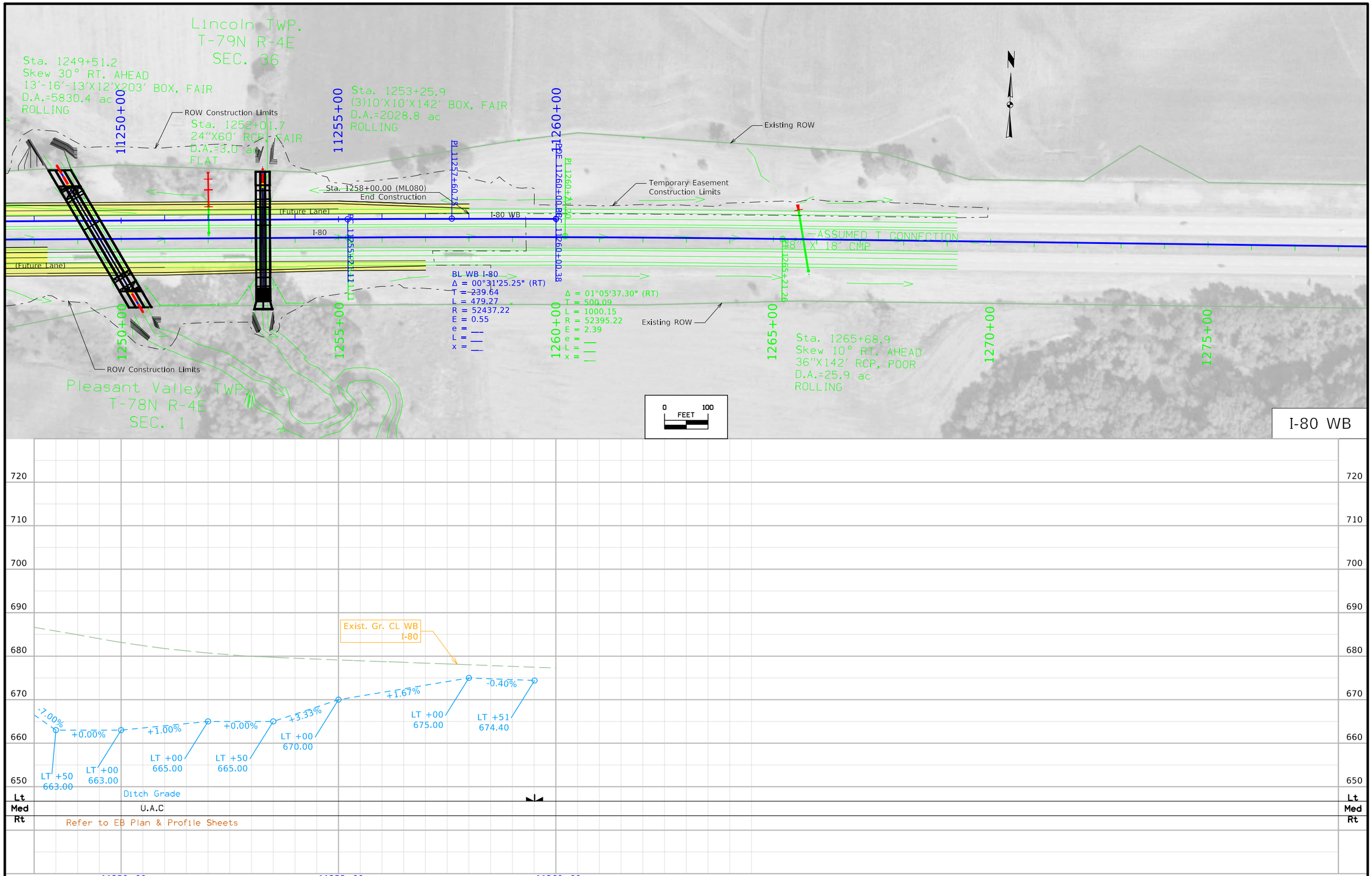
10:01:01 AM 5/1/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_D2_WB.dgn





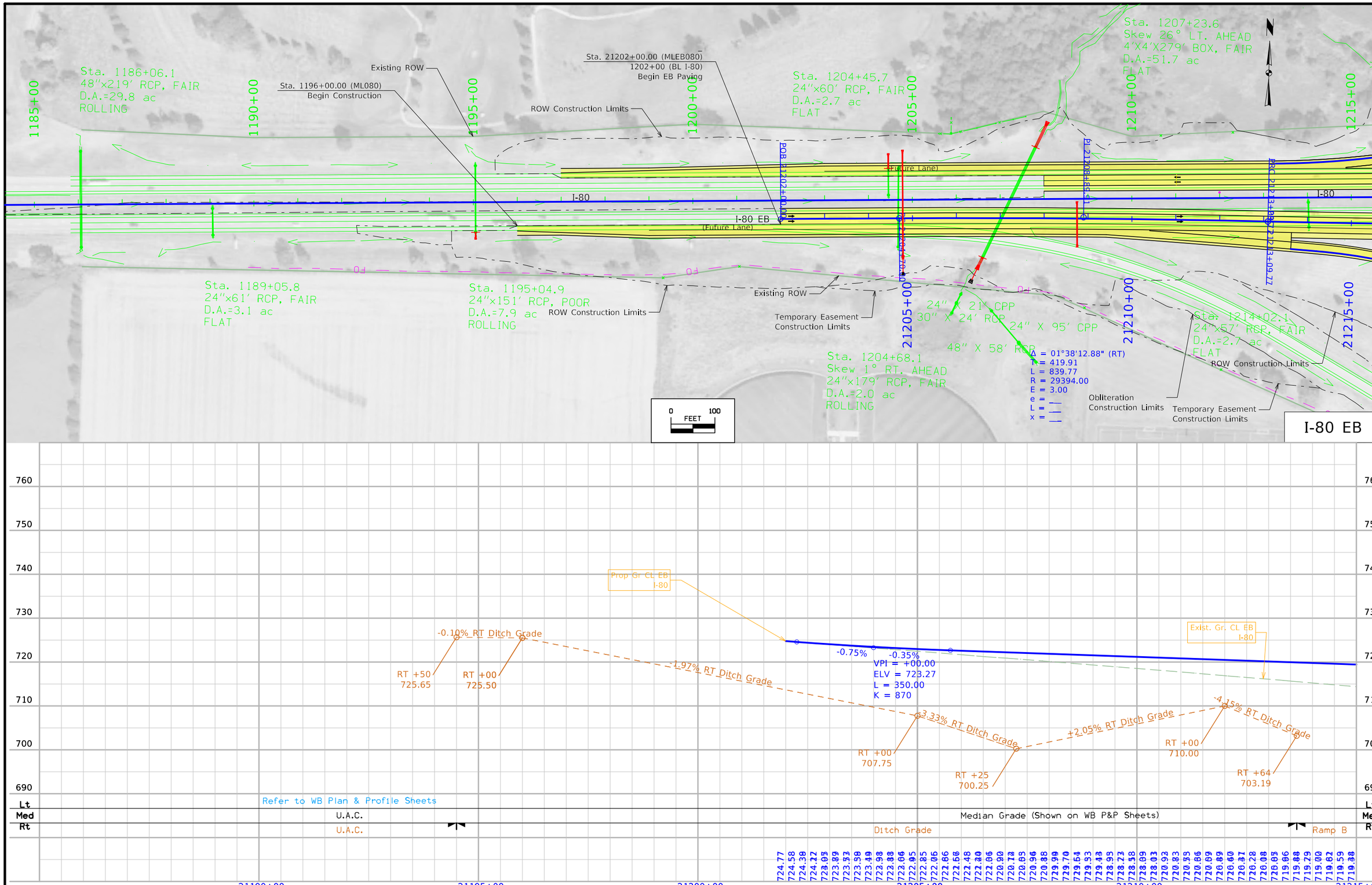
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER D.3

10:01:09 AM 5/1/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_D2_WB.dgn



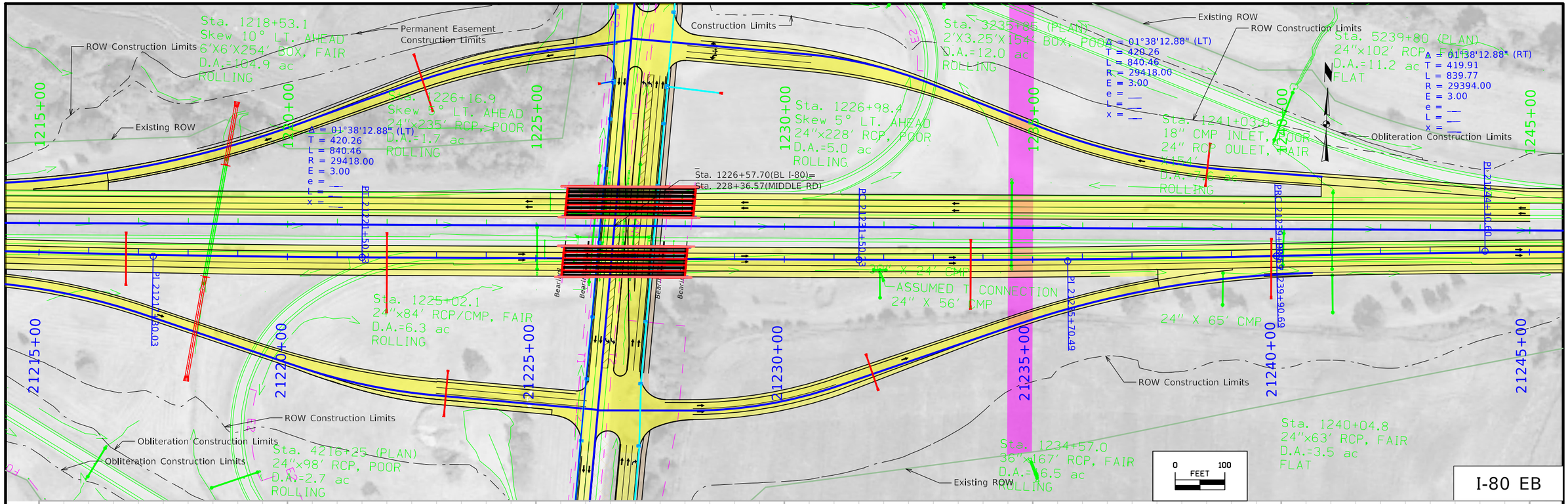
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER D.4

10:01:14 AM 5/1/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_D2_WB.dgn



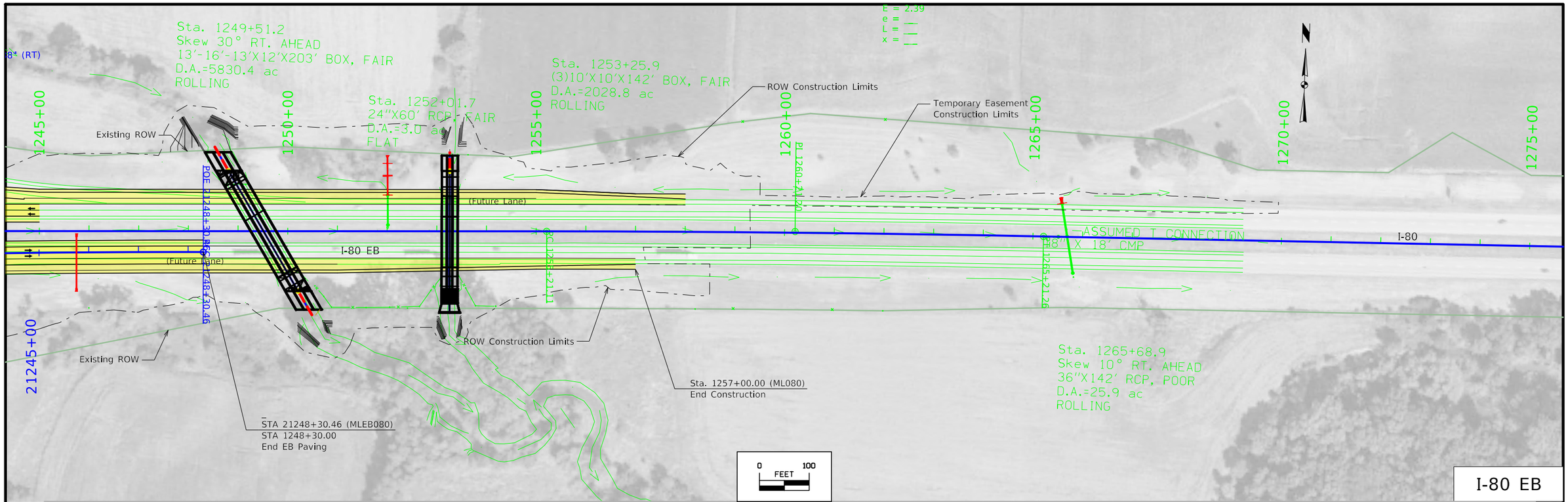
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER D.5

10:01:28 AM 5/1/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_D5_EB.dgn



FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER D.6

10:01:32 AM 5/1/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_D5_EB.dgn



FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER D.7

10:01:38 AM 5/1/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_D5_EB.dgn

Future Pedestrian Bridge
(By Others - For Information Only - Exact Location Unknown)

City of Bettendorf's Construction Limit
(STP-U-0587(639--70-82)

ROW Construction Limits

ROW Construction Limits

Permanent Easement
Construction Limits

Temporary Easement
Construction Limits

Remove
Exist Ent

Remove
Exist Ent

Existing ROW line

Sta. 212+88.00 (SRMIDDLE)
Begin Paving

Δ = 03°07'41.5" (RT)
T = 314.38
L = 628.60
R = 11513.86
E = 4.29
e = ___
L = ___
x = ___

Sta. 218+50
Skew 0°
42"X156' RCP, FAIR
D.A.=47.5 ac
ROLLING

ROW Construction Limits

Sta. 1225+02
Skew 0°
24"x90' RCP/CMP, FAIR
D.A.=6.3 ac
ROLLING

Sta. 228+36.55(Middle Rd)=
Sta. 1226+57.69(BL I-80)

Sta. 1226+17
Skew 25° LT. FWD
24"x235' RCP, FAIR
D.A.=1.7 ac
ROLLING

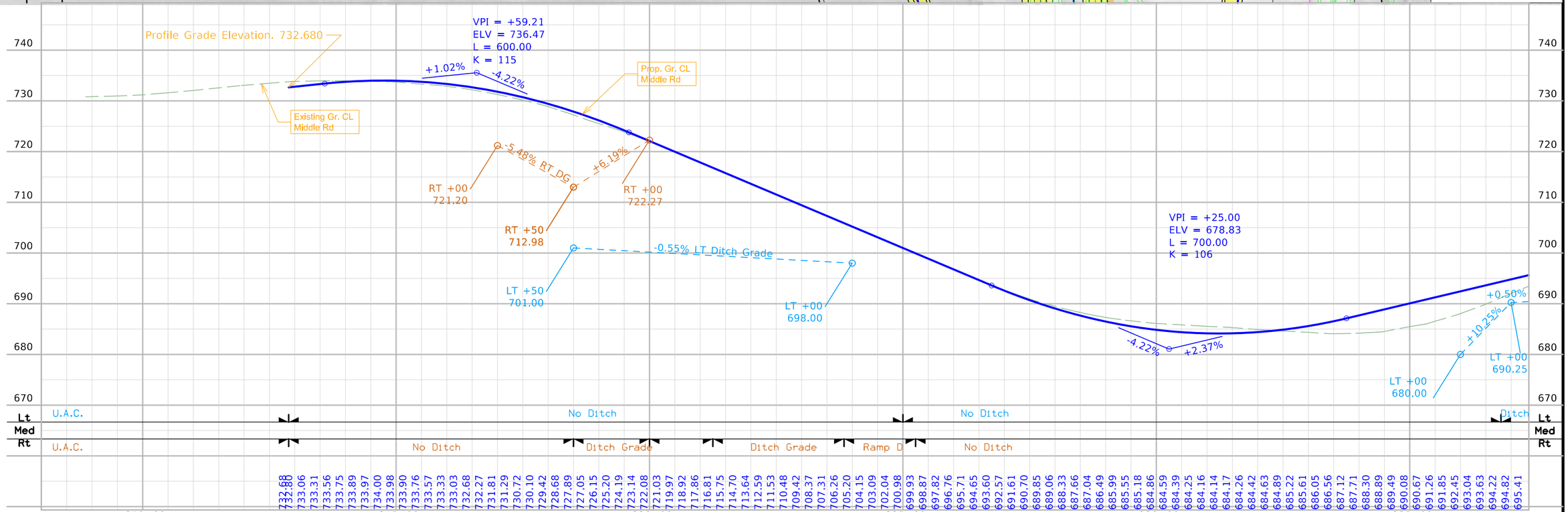
Sta. 1226+98
Skew 4°54' LT. FWD
24"x231' RCP, FAIR
D.A.=5.0 ac
ROLLING

1230+00
Obliteration Construction Limits

Sta. 235+11
Skew 2°11' LT. FWD
(2)12'X12'X73' BOX, FAIR
D.A.=5708.8 ac
ROLLING

ROW Construction Limits

Middle Road



FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER E.1

9:21:56 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_E01.dgn

Δ = 02°54'34.00" (LT)
T = 291.02
L = 581.91
R = 11459.67
E = 3.69
e = -
L = -
x = -

240+00

245+00

250+00

Sta. 247+66
Skew 1°31' LT. FWD
24"x70' RCP, POOR
D.A.=4.1 ac
FLAT

Temporary Easement
Construction Limits

ROW Construction Limits

Existing ROW line

Remove
Exist Ent

Propose Right-in-Right out
/Type C Entrance

Propose Type C
Full Access Entrance

Sta. 249+00.00 (SRMIDDLE)
End Paving

Remove
Exist Ent

Temporary Easement
Construction Limits

Propose Type D
Field Entrance

Existing ROW line

Permanent Easement
Construction Limits

ROW Construction Limits

0 100
FEET

Middle Road

760
750
740
730
720
710
700
690
Lt
Med
Rt
670

(ENTR245)
LT +00
713.95
LT +13
716.50
+4.00%
+0.00%
-0.77%
-1.12%
RT +13
716.30
LT +89
714.80
RT +88
714.00
RT +95
712.80
Profile Grade Elevation. 723.233
Existing Gr. CL
Middle Rd
Prop. Gr. CL
Middle Rd
RT +75
715.36
-2.06%
+4.95%
+2.09% RT DG
RT +00
722.18
RT +00
717.99
+0.38% LT Ditch Grade
RT +67
711.40
LT +67
708.00
LT +00
706.60
LT +00
702.00
+3.14% LT Ditch Grade
+0.50%
LT +50
691.00
Ditch Grade
No Ditch
8 ft Ditch
Ditch Grade
Ditch Grade
No Ditch
8 ft Ditch

696.00 696.59 697.18 697.78 698.37 698.96 699.55 700.14 700.74 701.33 701.92 702.51 703.10 703.70 704.29 704.88 705.47 706.06 706.66 707.25 707.84 708.43 709.02 709.62 710.21 710.80 711.39 711.98 712.58 713.17 713.76 714.35 714.94 715.54 716.13 716.72 717.31 717.90 718.50 719.09 719.68 720.27 720.86 721.46 722.05 722.64 723.23 723.77 724.31 724.85 725.39 725.93 726.47 727.01 727.55 728.09 728.63 729.17 729.71 730.25 730.79 731.33

240+00 245+00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER E.2

9:22:10 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_E01.dgn

SpencerCrk
Sta. 100+00.00

Temporary Easement
Construction Limit

Existing ROW

SpencerCrk
Sta. 109+02.66

SpencerCrk

Permanent Easement
Construction Limit

POE 109+02.66

Existing ROW

ROW Construction Limit

Ramp C

I-80

Middle Rd

SpencerCrk

Exist. Ground
Profile

-0.16%

Profile Grade Elevation. 669.400

Profile Grade Elevation. 668.000

Proposed Profile

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER E.3

9:48:01 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_E03.dgn

Sta. 1237+36.75 (ENTL238)
Install 24" 66' unclassified culvert
skew 2° Rt. Ahd.
F.L Lt. 691.35'
Rt. 690.55'

Δ = 26°18'10.91" (LT)
T = 35.05
L = 68.86
R = 150.00
E = 4.04

Begin Granular Surfacing
Sta. 1231+44.50

Δ = 26°03'28.00" (LT)
T = 115.70
L = 227.40
R = 500.00
E = 13.21

Δ = 40°48'51.69" (LT)
T = 93.01
L = 178.09
R = 250.00
E = 16.74

Δ = 04°19'22.87" (LT)
T = 37.74
L = 75.45
R = 1000.00
E = 0.71

Δ = 04°16'55.92" (RT)
T = 37.39
L = 74.74
R = 1000.00
E = 0.70

Δ = 89°59'56.20" (RT)
T = 50.00
L = 78.54
R = 50.00
E = 20.71

End Granular Surfacing/
Begin Paving
Sta. 1244+52.39

End Paving
Sta. 1245+10.89

ROW Construction
Limit

Temporary Easement
Construction Limit

Permanent Easement
Construction Limit

ENTL24500

ENTL238

Sta. 1244+61.01 (ENTL24500)
Install 24" 86' unclassified culvert
skew 1° Rt. Ahd.
F.L Lt. 707.32'
Rt. 706.88'

0 FEET 50

ENTRANCE/DRIVEWAY
(Full Access)

(ENTL23800)
1236+79.97
695.22sf
1237+87.54
696.92sf
-1.04%
+1.14%
+2.51%

Sta. 1231+44.50
Elv. 683.75'
Begin Granular Surfacing (ENTL2455)

VPI = +25.00
ELV = 680.50
L = 100.00
K = 14

-4.03%
-4.31% LT Ditch Grade
+3.04%
+7.77% LT Ditch Grade
+4.66%
+2.50% LT Ditch Grade
+3.75%
+7.20%
+6.20%
+19.90%
+8.00% LT Ditch Grade

LT +00
680.89
LT +62
673.91
LT +50
680.75
RT +20
680.27
RT +80
688.10
RT +50
682.13
LT +05
685.60
LT +00
693.20
LT +75
699.00
LT +30
696.45
LT +50
697.20

VPI = +00.00
ELV = 694.94
L = 100.00
K = 62

VPI = +05.33
ELV = 718.50
L = 200.00
K = 24

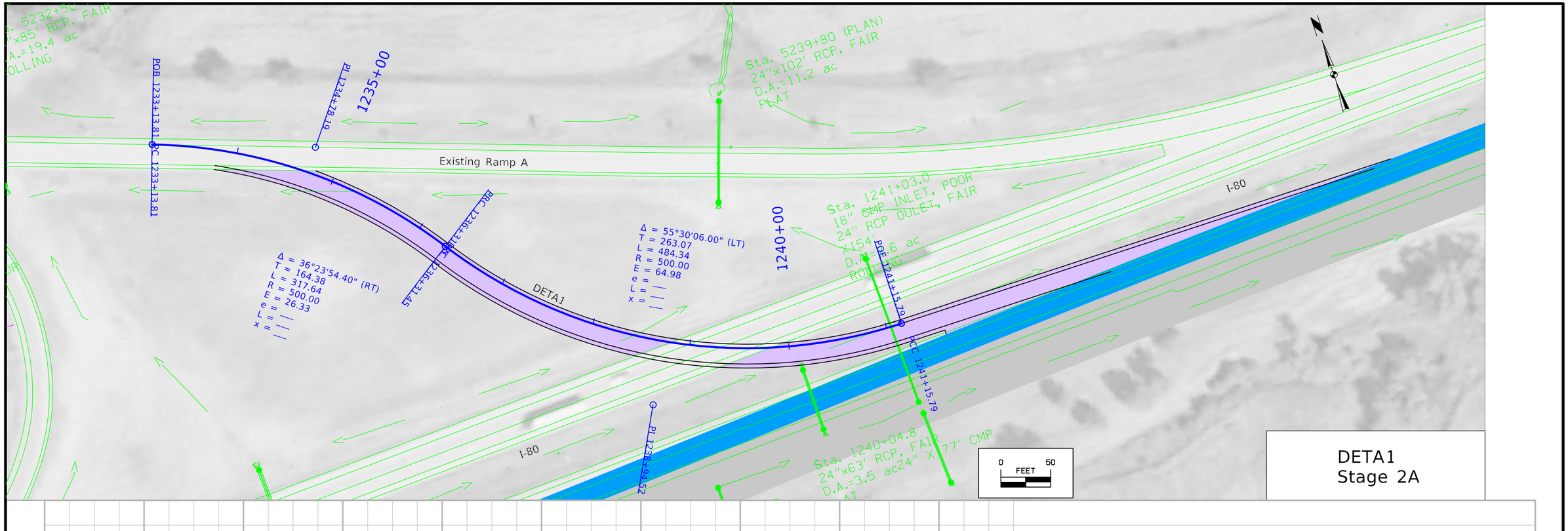
VPI = +00.00
ELV = 711.20
L = 100.00
K = 16

Sta. 1245+10.89
Elv. 713.98'
End Paving(ENTL2455)

683.75 682.52 681.73 681.38 681.48 682.02 682.78 683.54 684.30 685.06 685.82 686.58 687.34 688.10 688.86 689.62 690.38 691.14 691.90 692.66 693.42 694.23 695.14 696.16 697.27 698.44 699.60 700.77 701.93 703.10 704.26 705.43 706.60 707.76 708.93 710.09 711.26 712.42 713.59 714.67 715.50 716.07 716.37 716.41 716.18 715.70 714.95 714.01 713.08 712.34 711.99 712.03 712.46 713.08 713.71 714.33

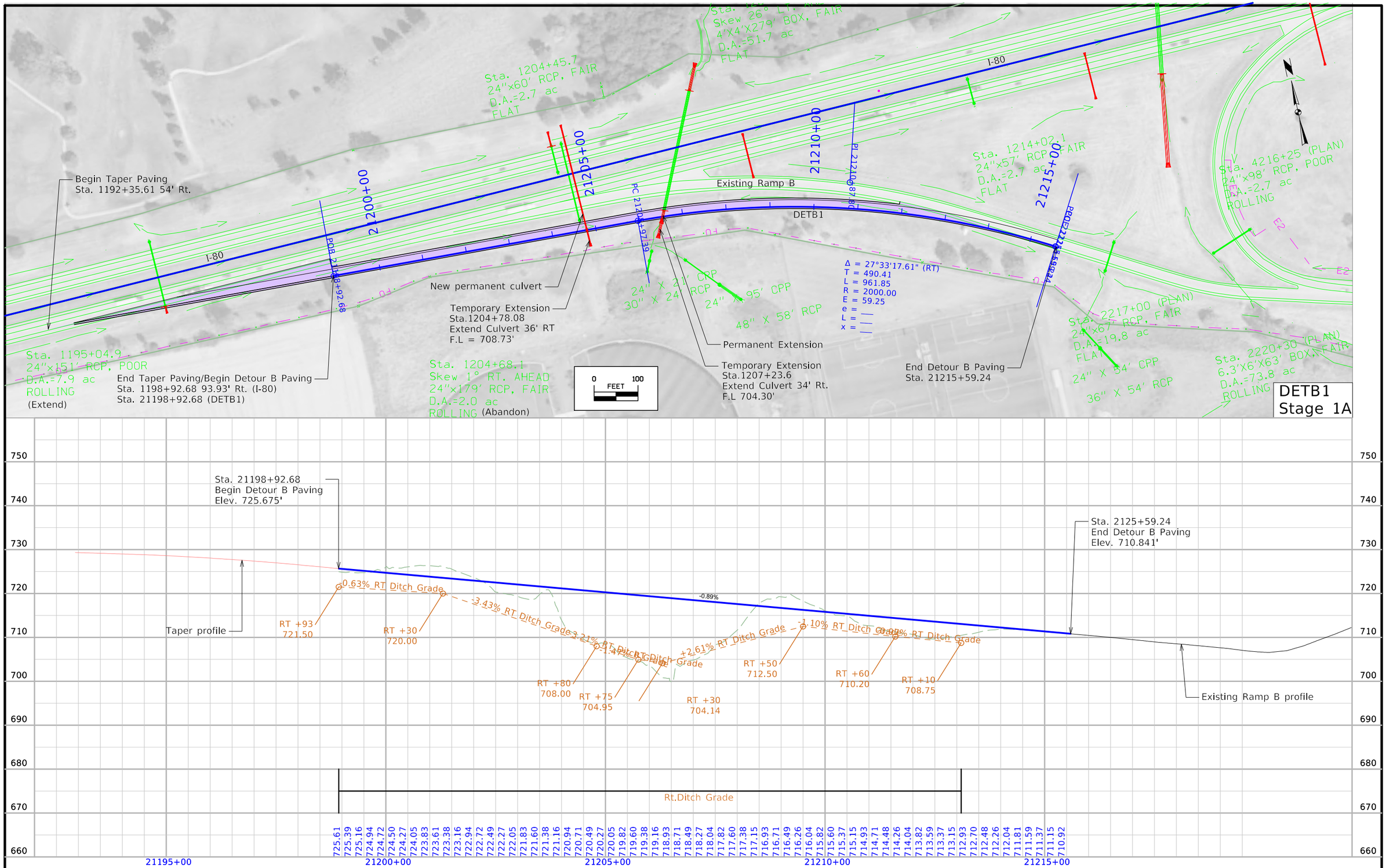
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER E.4

8:34:05 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_E04.dgn



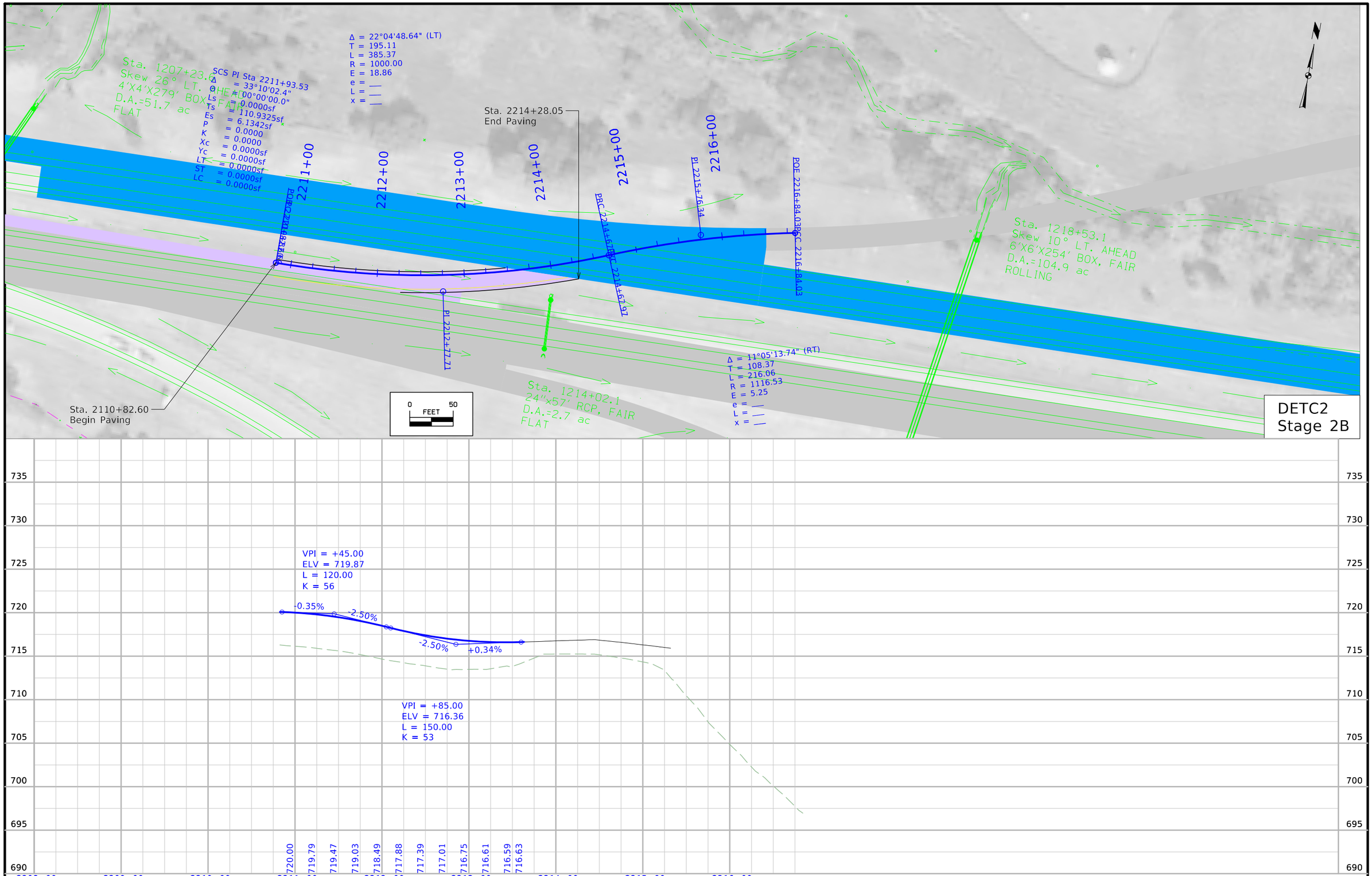
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER F.1

2:20:56 PM 4/28/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_F01.dgn



FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER F.2

2:21:18 PM 4/28/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_F02.dgn



FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER F.3

2:32:33 PM 5/1/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_F03.dgn

County: Scott
PIN: 22-82-080-020
Project Number: IM-NHS-080-8(356)300—03-82
Location: I80 and Middle Road
Type of Work: Control and Alignment
Project Directory: 8208002022

Survey Personnel

Tom Hoyle – Lead Survey Technician
Brad Duffy – Survey Technician
Max Phillips - Survey Technician
Dave Ciskowski – Survey Technician

Date(s) of Survey

Begin Date	4/29/2022
End Date	7/28/2022

General Information

Measurement units for this survey are US survey feet. This survey is to establish survey control and alignments of I80 and Middle Road. Along with a full DTM of portions of Middle Road, a partial DTM and photo control.

Project Control

The RTN position of reference station Davenport (IADA) was held fixed horizontally and vertically; Sabula (IASA) and ROC80 1A (AH3063) were held horizontally and RIC 040 (DP3512) was held vertically. Multiple 30-minute static observations were done on control points 1 through 4 as well as ROC80 1A and RIC 040.

A double run level loop was run through control points 1-4, 6-9 and benchmarks 501-509. The GPS derived elevations of control points 3 and 4 were held fixed. The estimated standard error of the observed height differences from the network adjustment was 0.0067 ft/mile. Five benchmarks from the 1965 plans I-80-8(19)305 were found and used on this project. The vertical datum in 1965 was not NAVD88. There is about an 8-foot difference in the vertical datums.

PROJECT DATUM: NAD83(2011) EPOCH 2010.00
VERTICAL DATUM: NAVD88
COORDINATE SYSTEM: IOWA REGIONAL COORDINATE SYSTEM ZONE 11
GEOID MODEL: 2018

Alignments Information

The horizontal alignment for this survey is a retrace of the As Built Plans I-80-8(19)305 and I-80-8(18)301. The PI at Sta. 1260+21.20 was reset from the four concrete monument reference ties on plans I-80-8(19)305. This station was used to control the stationing of this project. A 5/8 inch rebar was found at PI 1159+12.3 on plans I-80-8(18)301, a 5/8 inch rebar was found at POT 1298+60.4 plans I-80-8(19)305. These monuments were used to control the forward and backward tangents. Several other monuments were found along these tangents. They varied from 0.04' to 0.14' left or right of the line. The Middle Road alignment was established by intersecting tangents.

I80 Survey stationing relates to as built plan stationing as follows:

PI Sta. 1159+12.3 CL Project No. I-80-8(18)301.
This Survey PI Sta. 1159+19.68.

PI Sta. 1260+21.2 CL Project No. I-80-8(19)305.
This Survey PI Sta. 1260.20.20.
.
POT Sta. 1298+60.4 CL Project No. I-80-8(19)305.
This Survey PI Sta. 1298+59.04.

Middle Road Survey stationing relates to as built plan stationing as follows:

PI Sta. 216+50.0 CL Project No. I-80-8(19)305.
This Survey PI Sta. 216+50.00.

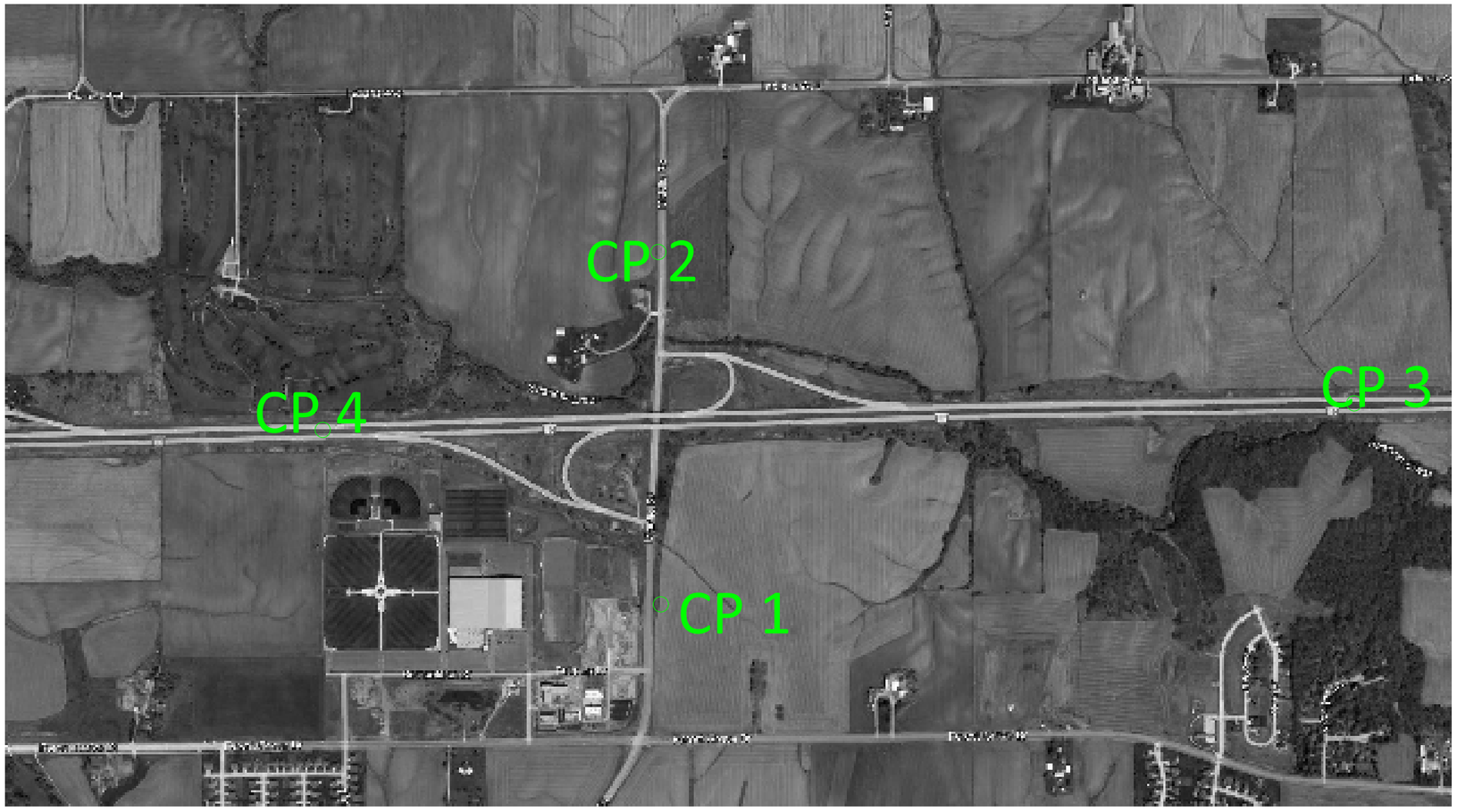
PI Sta. 236+45.59 CL Project No. I-80-8(19)305.
This Survey PI Sta. 236+45.95.

Utility Information

See the separate utility report.

CONTROL POINT VICINITY MAP

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



HORIZ. DATUM: NAD83(2011) EPOCH 2010.00 - Ia. RCS Zone 11
VERT. DATUM: NAVD88 - Geoid Model 18

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

HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING

HORIZ. DATUM: NAD83(2011) EPOCH 2010.00
Ia. Regional Coordinate System Zone 11

VERT. DATUM: NAVD88
Geoid Model 18
Project Control Marks are Bench Marks

Point Name	Northing	Easting	Elevation	Feature Definition	Description
1	8089351.9281	21520345.8339	736.784	CP	SET CUT X ON FD ROW RAIL
2	8092208.5353	21520325.6776	722.104	CP	SET CUT X ON FD ROW RAIL
3	8090981.7688	21525966.7147	665.826	CP	FD 5/8 REBAR 6 INCH DEEP
4	8090766.3870	21517604.7244	723.345	CP	FD 5/8 REBAR 14 INCH DEEP

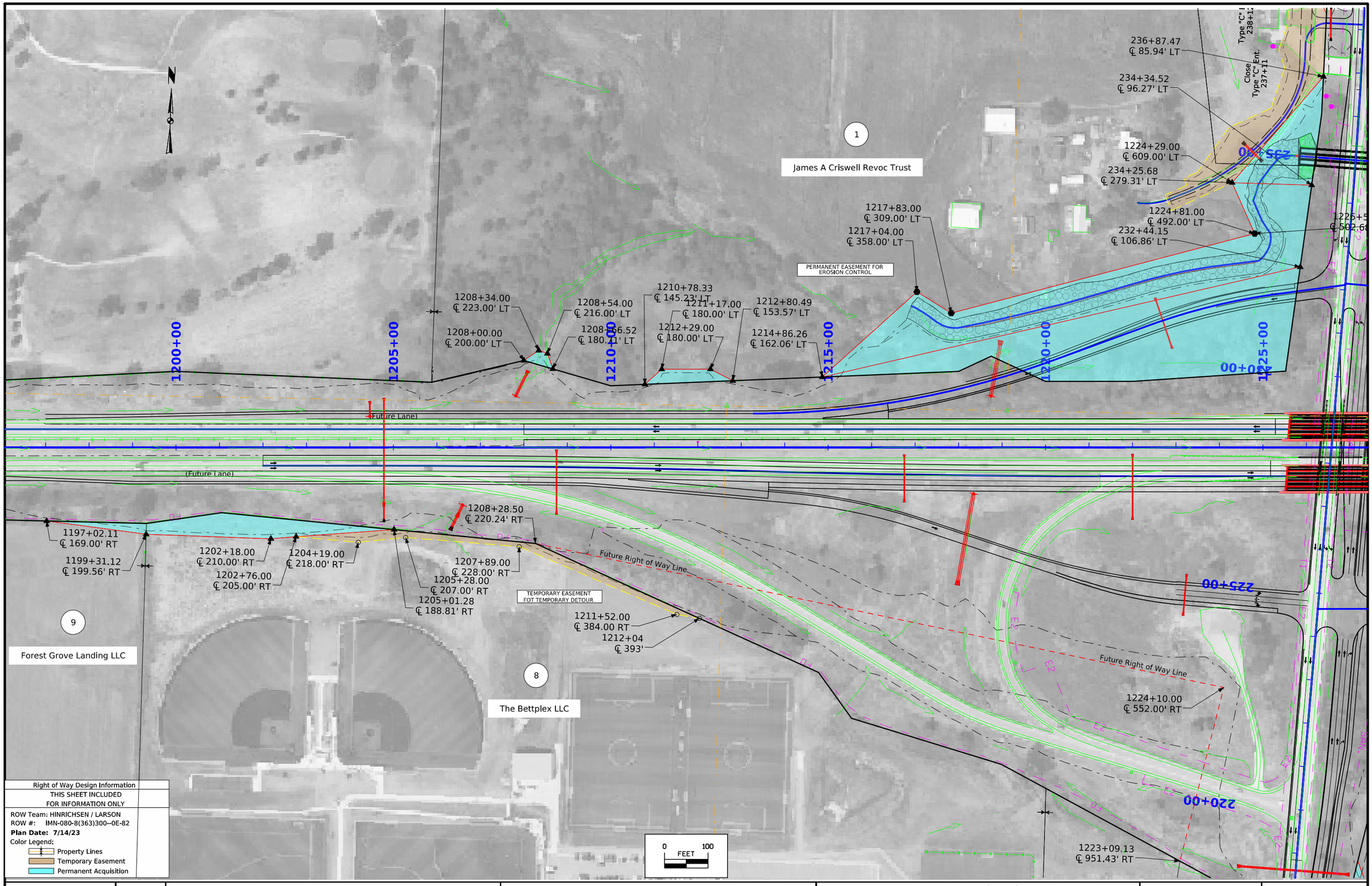
NOTE:
The first two digits in the control point name refer to the county number.
The next 3 digits refer to the highway number.
The next 3 digits refer to the highway milepost.
The last digit refers to the distance from the referenced milepost to the nearest tenth of a mile.

ALIGNMENT COORDINATES

Name	Location	Point on Tangent			Begin Spiral			Begin Curve			Simple Curve PI or Master PI of SCS			End Curve			End Spiral		
		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates		Station	Coordinates	
			Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)		Y (Northing)	X (Easting)
	ML080	1159+19.68	8090642.28	21513590.15															
2	ML080							1255+21.11	8090939.18	21523186.99	1260+21.20	8090954.65	21523686.84	1265+21.26	8090960.57	21524186.90			
3	ML080	1298+59.04	8091000.08	21527524.45															
1	MLWB080	120800.000 R1	8090835.17	21518466.84															
1	MLWB080	124500.000 R1	8090949.59	21522165.07															
1	MLEB080	120200.000 R1	8090732.66	21517869.73															
2	MLEB080							21204+70.00	8090741.01	21518139.60	120889.914 R1	8090753.99	21518559.31	121309.771 R1	8090754.98	21518979.22			
3	MLEB080							21213+09.77	8090754.98	21518979.22	121730.029 R1	8090755.97	21519399.48	122150.229 R1	8090768.97	21519819.54			
5	MLEB080							21231+50.23	8090799.89	21520819.06	123570.486 R1	8090812.89	21521239.11	123990.686 R1	8090837.88	21521658.63			
6	MLEB080							21239+90.69	8090837.88	21521658.63	124410.600 R1	8090862.85	21522077.80	124830.457 R1	8090875.83	21522497.51			
1	SRMIDDLE	206+93.40	8088709.06	21520261.45															
2	SRMIDDLE							213+35.62	8089351.28	21520261.07	216+50.00	8089665.66	21520260.89	219+64.22	8089979.58	21520277.85			
4	SRMIDDLE							233+54.93	8091368.26	21520352.92	236+45.95	8091658.86	21520368.63	239+36.85	8091949.88	21520369.56			
5	SRMIDDLE	249+71.68	8092984.70	21520372.90															
1	RPAMIDDLE	522653.794 R1	8091228.30	21520345.35															
2	RPAMIDDLE							5230+08.81	8091209.14	21520699.85	523138.257 R1	8091202.15	21520829.10	523265.937 R1	8091159.02	21520951.15			
4	RPAMIDDLE							5234+96.55	8091082.18	21521168.59	523700.231 R1	8091014.32	21521360.63	523900.770 R1	8091007.03	21521564.18			
5	RPAMIDDLE	524080.820 R1	8091000.59	21521744.11															
1	RPBMIDDLE	221361.150 R1	8090693.59	21519032.64															
2	RPBMIDDLE							2214+21.15	8090689.95	21519092.53	221572.440 R1	8090680.61	21519243.53	221722.435 R1	8090637.59	21519388.58			
4	RPBMIDDLE							2220+48.59	8090544.86	21519701.27	222189.821 R1	8090504.70	21519836.67	222329.757 R1	8090497.08	21519977.70			
5	RPBMIDDLE	222657.409 R1	8090479.39	21520304.87															
1	RPCMIDDLE							3213+28.09	8090887.48	21518993.57	321680.873 R1	8090898.31	21519346.18	322026.459 R1	8091029.23	21519673.78			
3	RPCMIDDLE							3222+66.49	8091118.29	21519896.67	322419.539 R1	8091175.07	21520038.80	322571.377 R1	8091199.81	21520189.83			
4	RPCMIDDLE	322728.801 R1	8091225.25	21520345.19															
1	RPDMIDDLE	422587.307 R1	8090478.34	21520304.81															
2	RPDMIDDLE							4227+75.25	8090484.89	21520492.64	422925.810 R1	8090490.13	21520643.11	423073.609 R1	8090544.06	21520783.68			
4	RPDMIDDLE							4234+43.62	8090676.60	21521129.14	423755.374 R1	8090788.28	21521420.21	424062.150 R1	8090806.06	21521731.45			
1	ENTL23800	123679.971 R1	8091826.61	21520236.75															
1	ENTL23800	123811.710 R1	8091824.75	21520368.48															
1	ENTL24500	123070.310 R1	8091399.31	21519862.49															
2	ENTL24500							123075.641 R1	8091398.99	21519867.81	123110.689 R1	8091396.92	21519902.80	123144.502 R1	8091410.56	21519935.08			
4	ENTL24500							123181.650 R1	8091425.01	21519969.30	123297.350 R1	8091470.04	21520075.88	123409.047 R1	8091557.31	21520151.85			
6	ENTL24500							123444.312 R1	8091583.90	21520175.00	123537.322 R1	8091654.06	21520236.07	123622.398 R1	8091747.07	21520236.44			
8	ENTL24500							123838.733 R1	8091963.40	21520237.29	123876.476 R1	8092001.14	21520237.44	123914.184 R1	8092038.79	21520234.74			
10	ENTL24500							123969.096 R1	8092093.56	21520230.82	124006.483 R1	8092130.85	21520228.15	124043.835 R1	8092168.24	21520228.27			
12	ENTL24500							124373.852 R1	8092498.25	21520229.33	124423.851 R1	8092548.25	21520229.49	124452.391 R1	8092548.09	21520279.49			
13	ENTL24500	124544.392 R1	8092547.80	21520371.49															
1	ENTR245	524534.770 R1	8092547.80	21520371.49															
1	ENTR245	524850.163 R1	8092552.10	21520686.85															

SPIRAL OR CIRCULAR CURVE DATA

Name	Location	ΔSCS	Horizontal Alignment Data												Remarks
			Spiral Data							Curve Data					
			θS	Ls	Ts	Es	Xc	Yc	L.T.	S.T.	ΔC	T	L	R	E	
C1	ML080										1.094°	500.090	1000.150	52395.220	2.387	
C1	MLEB080										1.637°	419.914	839.771	29394.000	2.999	
C2	MLEB080										1.637°	420.257	840.457	29418.000	3.002	
C3	MLEB080										1.637°	420.257	840.457	29418.000	3.002	
C4	MLEB080										1.637°	419.914	839.771	29394.000	2.999	
C1	SRMIDDLE										3.128°	314.380	628.604	11513.860	4.291	
C2	SRMIDDLE										2.909°	291.020	581.915	11459.669	3.695	
C1	RPAMIDDLE										16.369°	129.443	257.123	900.000	9.261	
C2	RPAMIDDLE										17.414°	203.680	404.219	1330.000	15.506	
C1	RPBMIDDLE										12.979°	151.290	301.285	1330.000	8.577	
C2	RPBMIDDLE										13.425°	141.230	281.167	1200.000	8.282	
C1	RPCMIDDLE										20.026°	352.783	698.369	1998.099	30.905	
C2	RPCMIDDLE										12.478°	153.048	304.886	1400.000	8.341	
C1	RPDMIDDLE										18.994°	150.562	298.360	900.000	12.507	
C2	RPDMIDDLE										17.720°	311.753	618.529	2000.000	24.152	
C1	ENTL24500										26.303°	35.048	68.861	150.000	4.040	
C2	ENTL24500										26.058°	115.700	227.397	500.000	13.212	
C3	ENTL24500										40.814°	93.010	178.086	250.000	16.741	
C4	ENTL24500										4.323°	37.743	75.451	1000.000	0.712	
C5	ENTL24500										4.282°	37.387	74.738	1000.000	0.699	
C6	ENTL24500										89.999°	49.999	78.539	50.000	20.710	



FILE NO.	ENGLISH	DESIGN TEAM **Holst\Tamrakar\Bennett**	**SCOTT** COUNTY	PROJECT NUMBER **IM-NHS-080-8(357)300--03-82**	SHEET NUMBER **H.1**

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2

City of Bettendorf

Close
Type "C" Ent.
237+18

3

KRE LLC
Corn Belt Properties LLC
Barefoot Real Estate LLC
O'Rourke Bros. INC.

3

KRE LLC
Corn Belt Properties LLC
Barefoot Real Estate LLC
O'Rourke Bros. INC.

4

Holst Farms INC

1247+78.00
℄ 264.00' LT

1247+26.00
℄ 166.00' LT

1244+84.92
℄ 161.87' LT

1253+64.96
℄ 244.12' LT

1254+50.00
℄ 150.00' LT

1230+00

1235+00

1240+00

1245+00

1250+00

1255+00

(Future Lane)

(Future Lane)

1254+31.65
℄ 155.00' RT

1249+28.17
℄ 165.78' RT

1249+24.00
℄ 181.92' RT

1253+35.00
℄ 246.00' RT

1249+43.35
℄ 178.09' RT

1250+25.00
℄ 264.00' RT

7

Middle & Forest Grove LLC

1250+32.00
℄ 250.00' RT

PERMANENT EASEMENT FOR
CITY UTILITY EASEMENT

1250+94.00
℄ 278.00' RT

1250+95.00
℄ 263.00' RT

5

Mildred E Ven Horst REV TR

1252+38.15
℄ 252.86' RT

1252+37.61
℄ 270.92' RT

1232+79.15
℄ 481.12' RT

1232+82.00
℄ 495.87' RT

1231+80.08
℄ 509.92' RT

1231+11.00
℄ 530.00' RT

1231+14.00
℄ 545.00' RT

1229+43.27
℄ 543.64' RT

1229+50.00
℄ 557.77' RT

STA: 1229+67.88
OFF: 541.64' RT

6

PERMANENT EASEMENT FOR
CITY UTILITY EASEMENT

FG80 Holstein LLC

0 100
FEET

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: HINRICHSEN / LARSON
ROW #: IMN-080-8(363)300--0E-82
Plan Date: 7/14/23
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM **HOLST\TAMRAKAR\BENNETT**	**SCOTT** COUNTY	PROJECT NUMBER **IM-NHS-080-8(357)300--03-82**	SHEET NUMBER **H.2**

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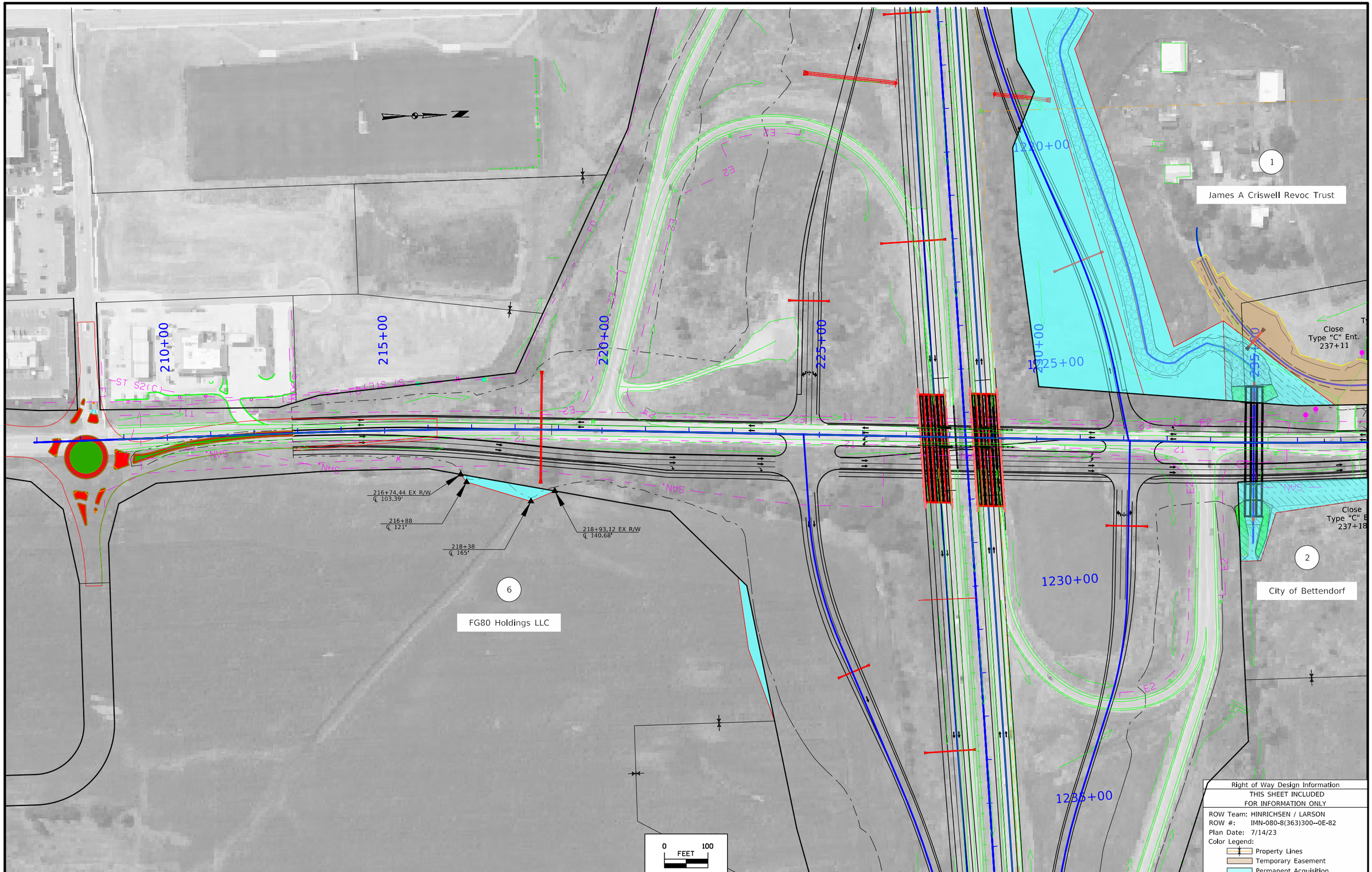

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER HE.1	

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233+48.00
℄ 414.00' LT

233+84.00
℄ 431.00' LT

234+11.00
℄ 383.00' LT

234+27.00
℄ 391.00' LT

234+44.00
℄ 361.00' LT

234+25.68
℄ 279.31' LT

235+55.00
℄ 296.00' LT

236+07.00
℄ 202.00' LT

237+03.00
℄ 176.00' LT

237+44.00
℄ 192.00' LT

238+15.00
℄ 172.00' LT

238+31.17
℄ 86.00' LT

238+79.00
℄ 107.00' LT

241+18.00
℄ 125.00' LT

245+18.00
℄ 183.00' LT

245+70.00
℄ 125.00' LT

246+18.00
℄ 125.00' LT

249+91.53
℄ 51.71' LT

1220+00

1225+00

1230+00

1235+00

1240+00

1245+00

1250+00

Close
Type "C" Ent.
237+11

Type "C" Ent.
238+12

Type "C" Ent.
245+35

TEMPORARY EASEMENT TO
CONSTRUCT ENTRANCE

TEMPORARY EASEMENT TO
CONSTRUCT ENTRANCE

1

James A Criswell Revoc Trust

Close
Type "C" Ent.
237+18

235+51.00
℄ 161.00' RT

235+17.00
℄ 271.00' RT

234+71.32
℄ 273.03' RT

240+14.00
℄ 100.00' RT

244+79.00
℄ 100.00' RT

244+89.00
℄ 187.00' RT

246+08.00
℄ 100.00' RT

245+86.00
℄ 187.00' RT

247+46.00
℄ 100.00' RT

251+07.59
℄ 61.72' RT

251+79.32
℄ 34.99' RT

TEMPORARY EASEMENT TO
CONSTRUCT ENTRANCE

Type "D" Ent.
245+35

2

City of Bettendorf

0 100
FEET

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: HINRICHSEN / LARSON
ROW #: IMN-080-8(363)300--0E-82
Plan Date: 7/14/23
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM **HOLST\TAMRAKAR\BENNETT**	**SCOTT** COUNTY	PROJECT NUMBER **IM-NHS-080-8(357)300--03-82**	SHEET NUMBER **HE.2**

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108-25
10-21-14

511 TRAVEL RESTRICTIONS

Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No., Structure ID, or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
I-80	EB	Scott	1 mi W of Middle Rd to 1 mi E of Middle Rd in Bettendorf	Middle Road	Bridge		Vertical	14.83 ft.				
I-80	WB	Scott	1 mi W of Middle Rd to 1 mi E of Middle Rd in Bettendorf	Middle Road	Bridge		Vertical	14.83 ft.				

108-23A
08-01-08

TRAFFIC CONTROL PLAN

Maintain two lanes of traffic in both directions on I-80 at all times

Maintain one lane of traffic in each direction on Middle Road at all times.

Entrance and exit ramps between I-80 and Middle Rd will remain open during construction except for the short duration closures of the existing loop ramps. Existing loop Ramp D for Middle Rd to EB I-80 will be closed in Stage 1B for up to 2 months and existng loop Ramp C will be closed in Stage 2B for up to 3 weeks. A detour for Middle Rd traffic to access I-80 will be needed while the existing loop ramps are closed and the new ramp connections are under construction.

Access to all properties on Middle Road and adjacent side streets shall be maintained at all times.

111-01
04-17-12

COORDINATED OPERATIONS

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

Project	Type of Work
Possible - to be determined	City of Bettendorf
	Pedestrian Bridge

STAGING NOTES

YEAR ONE

Stage 1A
Traffic:
- Maintain I-80 EB and WB traffic on existing.
- Maintain Middle Rd traffic on existing.

Construction:
- Temporary pavement in EB I-80 median, temporary Ramp B detour pavement, perform repairs and south extensions of existing multi-cell box structures under I-80, new driveway entrance for residential property, Spencer Creek channel grading, grading and paving for portion of northbound lanes on Middle Rd south of I-80, Ramp D grading and paving, and Ramp C grading and paving.

Stage 1B
Removals:
- Existing Ramp D Loop Ramp (Middle Rd to EB I-80).
- Southern portion of existing I-80 EB bridge.

Traffic:
- Shift I-80 EB traffic onto the temporary pavement in the median.
- Maintain WB I-80 traffic on existing.
- Middle Rd. is closed from Sta. 234+00.00 to 236+00.00. Maintain traffic on Middle Rd north and south of the closure on existing.
- Traffic from Middle Rd to EB I-80 is detoured until the construction of the new Ramp D gore is complete. Maximum closure duration of 2 months.

Construction:
- Ramp D connection with I-80 EB, southern portion of new lanes along I-80 EB, southern portion of I-80 EB bridge, multi-cell concrete box under Middle Rd, temporary Middle Rd pavement, Ramp B, temporary widening along southern portion of EB I-80, and continue construction on portion of Ramp C.

Year One Winter Shutdown:
Traffic:
- Maintain EB I-80 traffic on the temporary pavement in the median.
- Maintain WB I-80 traffic on existing.
- Maintain Middle Rd traffic on existing. Some temporary closures on Middle Rd will be required for removing the southern portion of the existing EB bridge and for setting beams.

Construction:
- Southern portion of I-80 EB bridge.

YEAR TWO

Stage 2A:
Removals:
- Temporary pavement in I-80 median from Station 1202+00 to 1223+40, Ramp B detour pavement, north portion of existing I-80 EB bridge.

Traffic:
- Shift EB I-80 traffic onto southern portion of new EB lanes.
- Maintain WB I-80 traffic on existing.
- Maintain Middle Rd on existing. Some temporary closures on Middle Rd will be required for removing the north portion of the existing EB bridge and setting beams.

Construction:
- Construct north portion of I-80 EB bridge, I-80 mainline crossovers, Ramp A detour pavement, and north extensions of multi-cell box structures under I-80.

Stage 2B:
Removals:
- Existing Ramp C Loop Ramp (Middle Rd to WB I-80).
- Existing I-80 WB bridge.

Traffic:
- Maintain EB and WB I-80 traffic head to head on newly constructed EB lanes.
- Traffic from Middle Rd to WB I-80 is detoured until the construction of the new Ramp C gore is complete. Maximum closure duration of 3 weeks.
- Maintain Middle Rd traffic on existing.

Construction:
- Portion of WB I-80, WB I-80 bridge, Ramp C detour pavement, and Ramp A detour pavement.

Stage 2C:
Traffic:
- Maintain EB and WB I-80 traffic head to head on newly constructed EB lanes.
- Maintain Middle Rd traffic on existing. Some temporary closures on Middle Rd will be required for removing the existing WB I-80 bridge and setting beams.

Construction:
- Remaining portion of WB I-80, I-80 WB bridge, Ramp A, and next portion of NB Middle Rd.

Year Two Winter Shutdown:
Traffic:
- Maintain EB and WB I-80 on new EB and WB pavement.
- Maintain Middle Rd traffic on existing. Some temporary closures on Middle Rd will be required for removing the southern portion of the existing WB bridge and for setting beams.

Construction:
- Continue I-80 WB bridge, remove mainline I-80 crossovers, remove temporary ramp detour pavement for Ramps A, C, and D, remove remaining temporary I-80 median widening.

YEAR THREE

Stage 3A:
Traffic:
- Maintain EB and WB I-80 traffic on newly constructed EB and WB pavement.
- Middle Rd is closed north of Station 237+50.00. Maintain Middle Rd traffic on existing south of the closure.

Construction:
- Construct final portion of EB I-80, next portion of NB and SB Middle Rd, complete Type C entrance, Type D entrances, and temporary pavement on Middle Rd south of I-80.

108-26A
08-01-08

STAGING NOTES

Stage 3B:
Traffic:
- Maintain EB and WB I-80 traffic on newly constructed EB and WB pavement.
- Maintain Middle Rd traffic on newly constructed NB Middle Rd and temporary pavement connection from Stage 3A.

Construction:
- SB Middle Rd south of Sta. 237+50.00
- Final portion of NB Middle Rd

Stage 3C:
Traffic:
- Maintain EB and WB I-80 traffic on newly constructed EB and WB pavement.
- Maintain Middle Rd traffic on newly constructed NB Middle Rd.

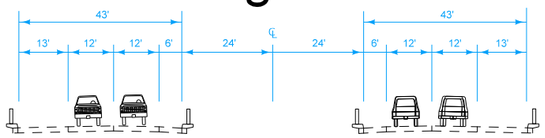
Construction:
- Final portion of SB Middle Rd
- Middle Rd at the ramp terminal intersections

Stage 4A:
Removals:
- Temporary Middle Rd pavement from Stage 3A.

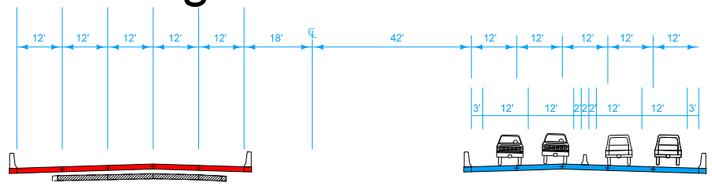
Traffic:
- Maintain EB and WB I-80 traffic on newly constructed EB and WB pavement.
- Maintain Middle Rd traffic on newly constructed Middle Rd.

Construction:
- Project is substantially complete. Some pavement marking and seeding may still be ongoing.

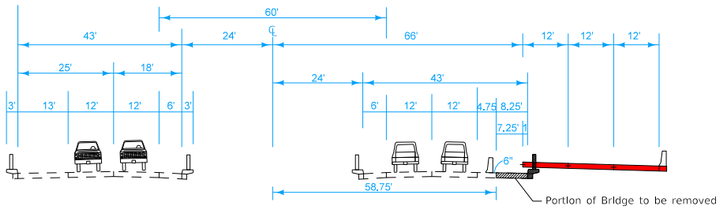
Stage 1A



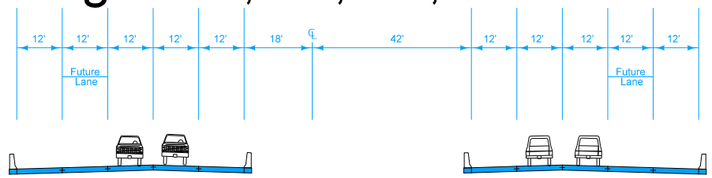
Stages 2B and 2C



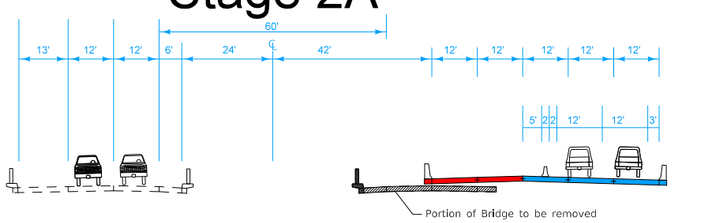
Stages 1B



Stages 3A, 3B, 3C, and 4A



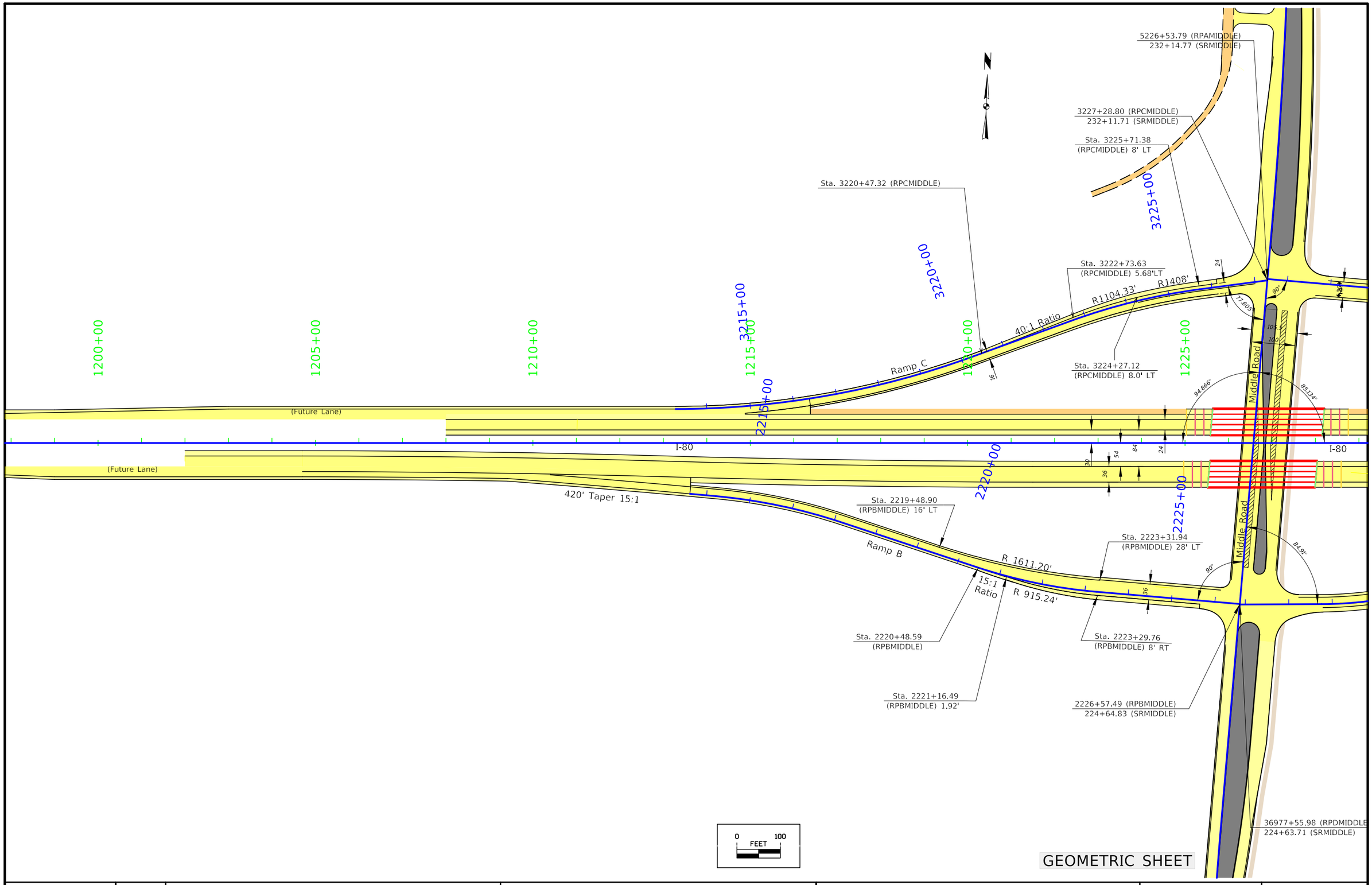
Stage 2A



Staging
I-80 Bridges

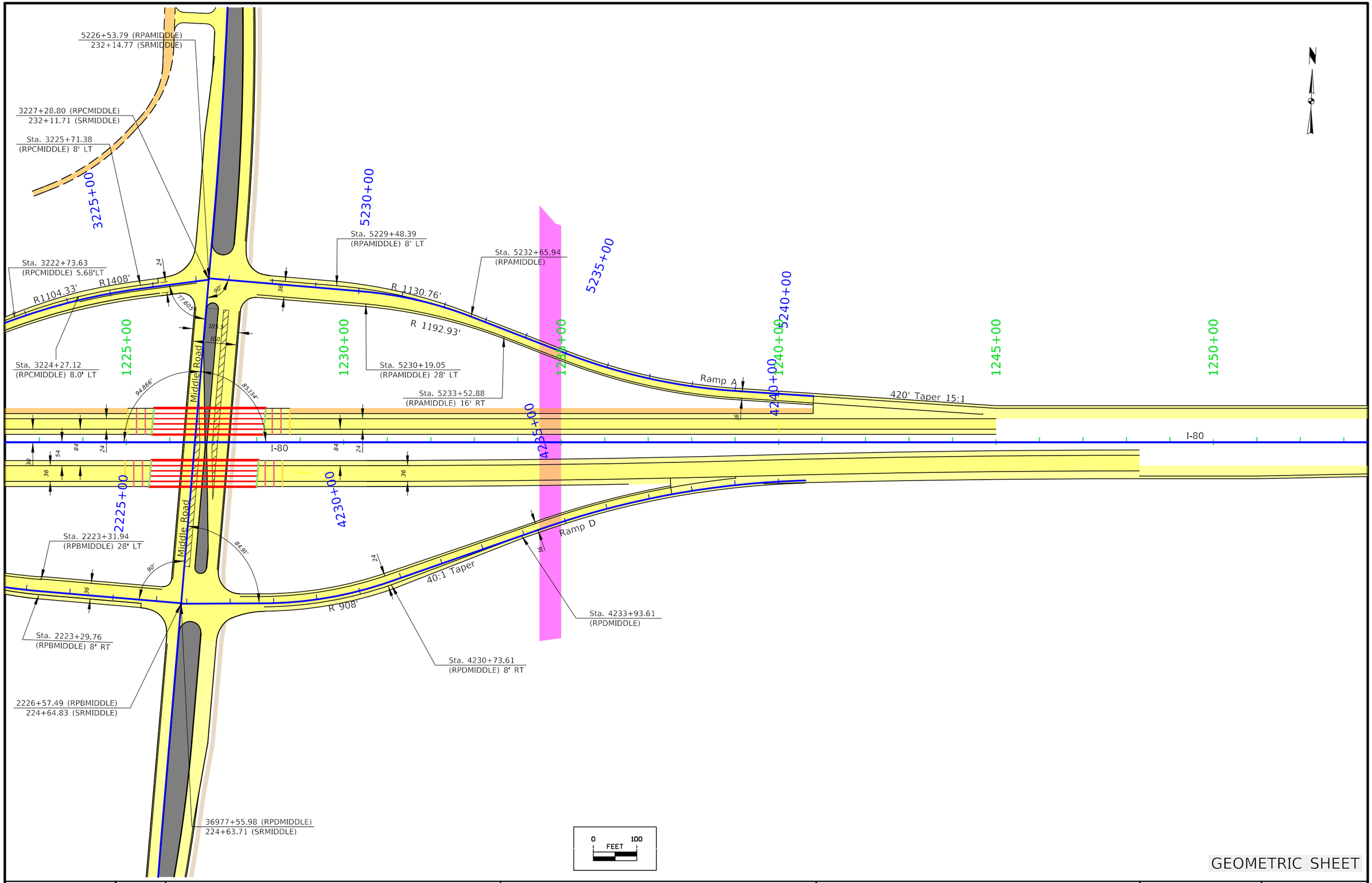
FILE NO.	ENGLISH	DESIGN TEAM HOLST/TAMRAKAR/BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER J.3

9:01:46 AM 5/1/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_J03.dgn



FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER K.1

9:53:40 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_K1_K2



GEOMETRIC SHEET

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER K.2	

9:53:40 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_K1_K2

Temporary Easement Construction Limits

PI STA. 5226+53.79 (RPAMIDDLE)=
POT STA. 232+14.77 (SRMIDDLE)

Obliteration Construction Limits

Existing ROW

ROW Construction Limits

Permanent Easement Construction Limits

ROW Construction Limits

Ramp A

Ramp C

Ramp A

I-80

I-80

ROW Construction Limits

POT STA. 5240+80.80 (RPAMIDDLE)=
POT STA. 1240+80.80, 106.0' LT(ML080)

Δ = 17°24'50.07" (LT)
T = 203.68
L = 404.23
R = 1330.00
E = 15.51
e = ---
L = ---
x = ---

Δ = 16°22'08.36" (RT)
T = 129.44
L = 257.12
R = 900.00
E = 9.26
e = ---
L = ---
x = ---

0 FEET 100

Ramp A (RPAMIDDLE)

VPI = +37.53
ELV = 701.44
L = 400.00
K = 106

+2.19%
-1.57%
+0.15% RT Ditch Grade
+10.00%
RT +82
697.00
+0.32% LT Ditch Grade
RT +50
696.50
LT +00
687.56
LT +50
689.00
LT +82
692.15
+2.17% RT Ditch Grade
+1.54% LT Ditch Grade
-2.50%
0.84%
1.68%
+2.19%
RT +91
677.50
LT +91
677.00
RT +50
677.00
LT +50
676.00
K = 60
VPI = +75.00
ELV = 680.38
L = 280.00

Ditch Grade

Ditch Grade

730 720 710 700 690 680 670 660

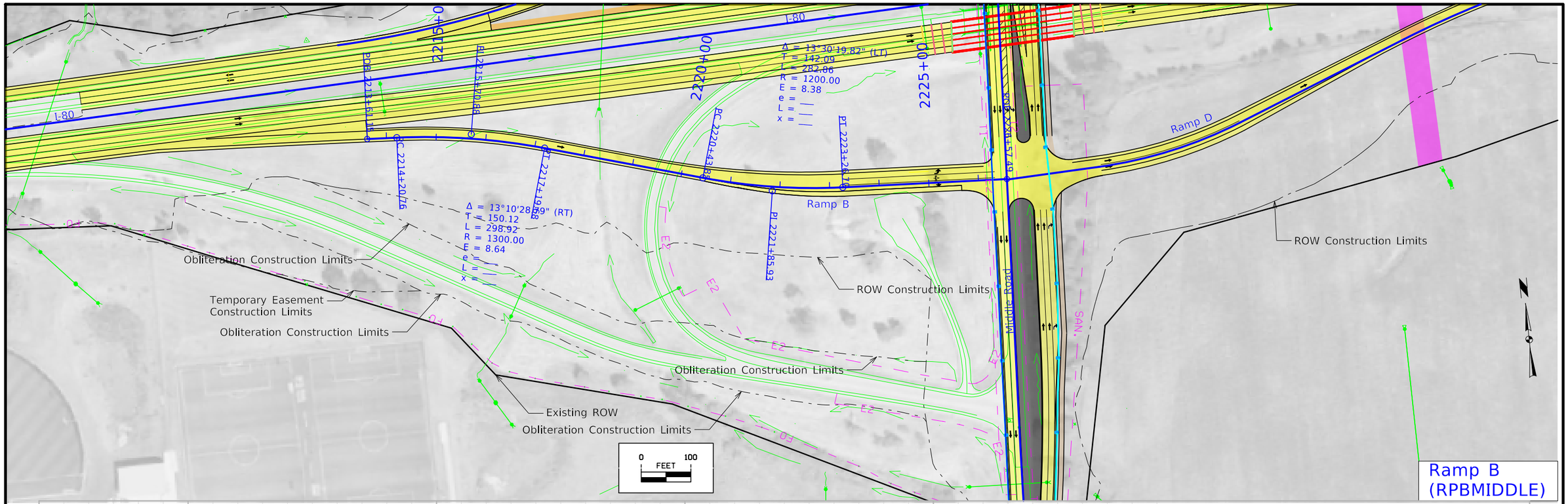
Lt
Med
Rt

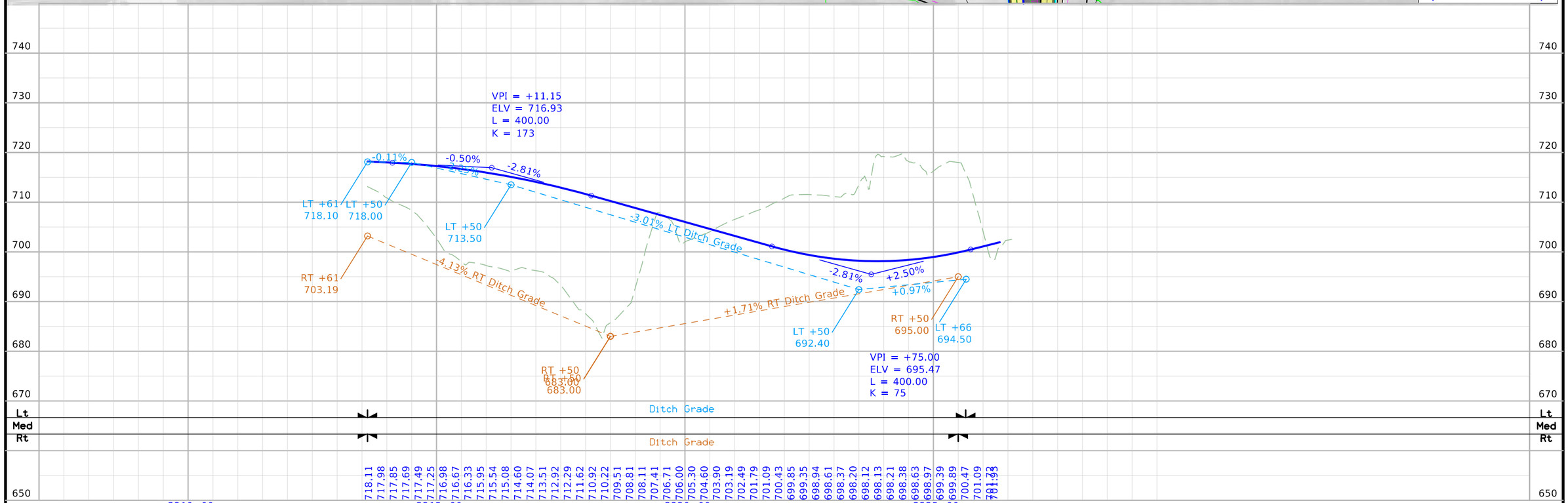
684.01 683.52 683.01 682.60 682.30 682.11 682.02 682.03 682.15 682.37 682.70 683.13 683.66 684.21 684.75 685.30 685.85 686.39 686.94 687.49 688.04 688.58 689.13 689.68 690.23 690.77 691.32 691.87 692.41 692.96 693.51 694.06 694.60 695.15 695.70 696.25 696.79 697.33 697.82 698.25 698.62 698.93 699.19 699.38 699.52 699.60 699.61 699.57 699.48 699.32 699.10 698.83 698.49 698.11 697.72

5225+00 5230+00 5235+00 5240+00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER K.3

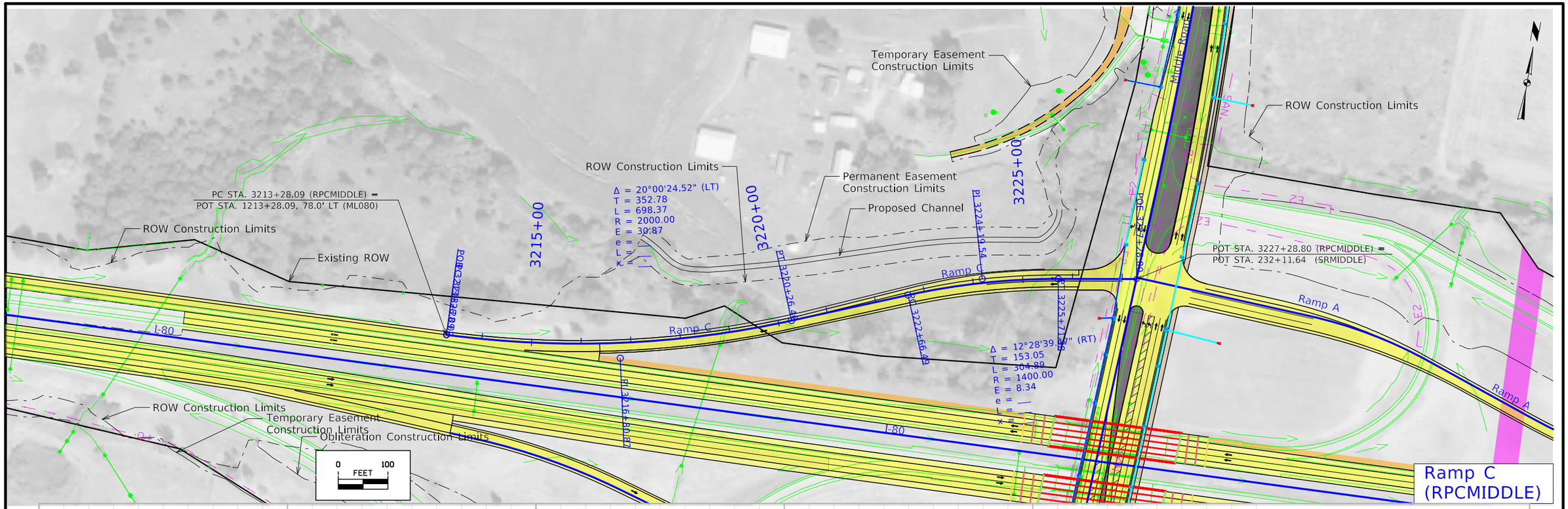
10:04:16 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_K3_K6

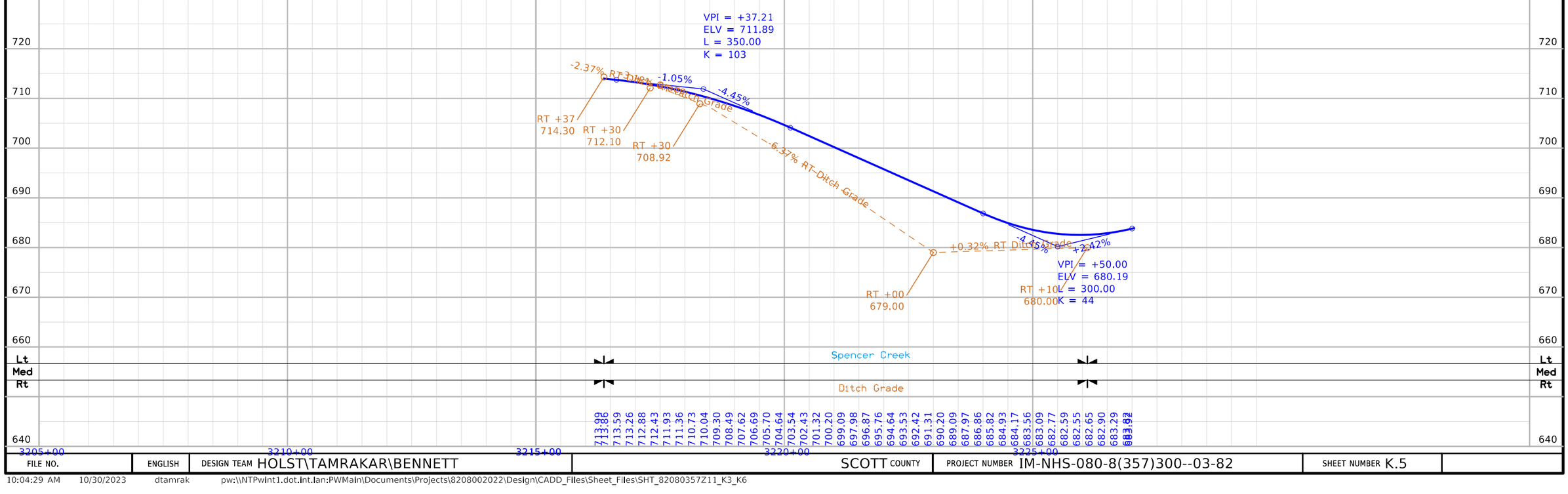




FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER K.4

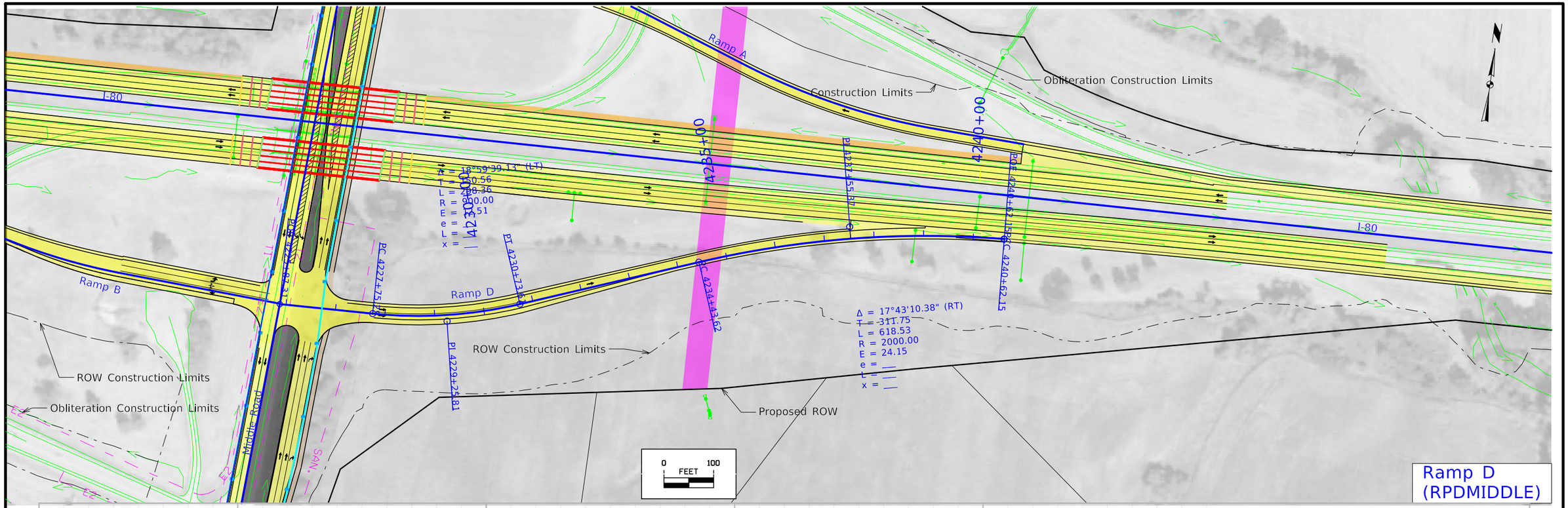
10:04:19 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_K3_K6





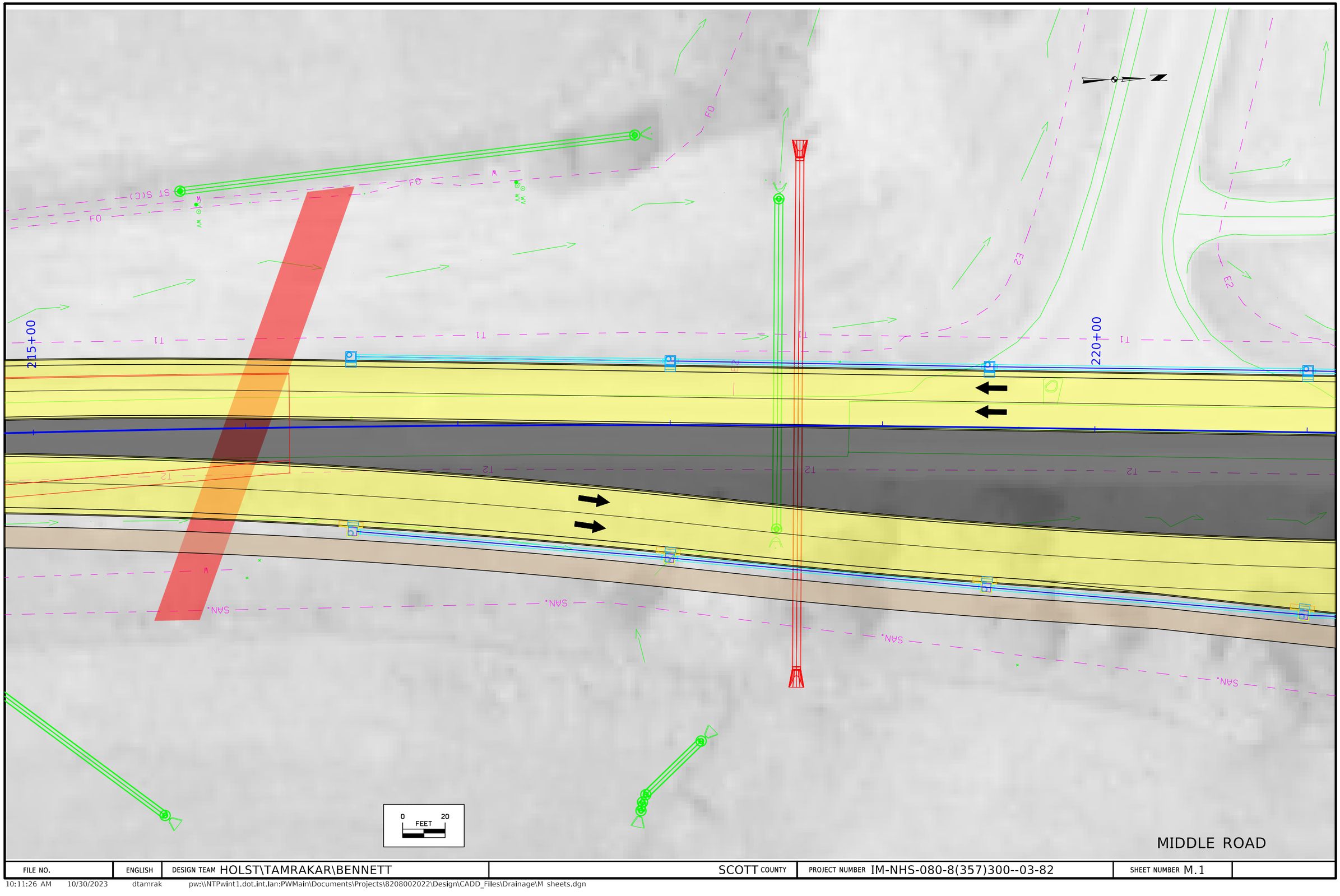
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER K.5

10:04:29 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_K3_K6



FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER K.6

10:04:32 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_K3_K6



FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER M.1	

10:11:26 AM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Drainage\M sheets.dgn

Ramp B

225+00

Ramp D

MIDDLE ROAD

0 FEET 20

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER M.2	

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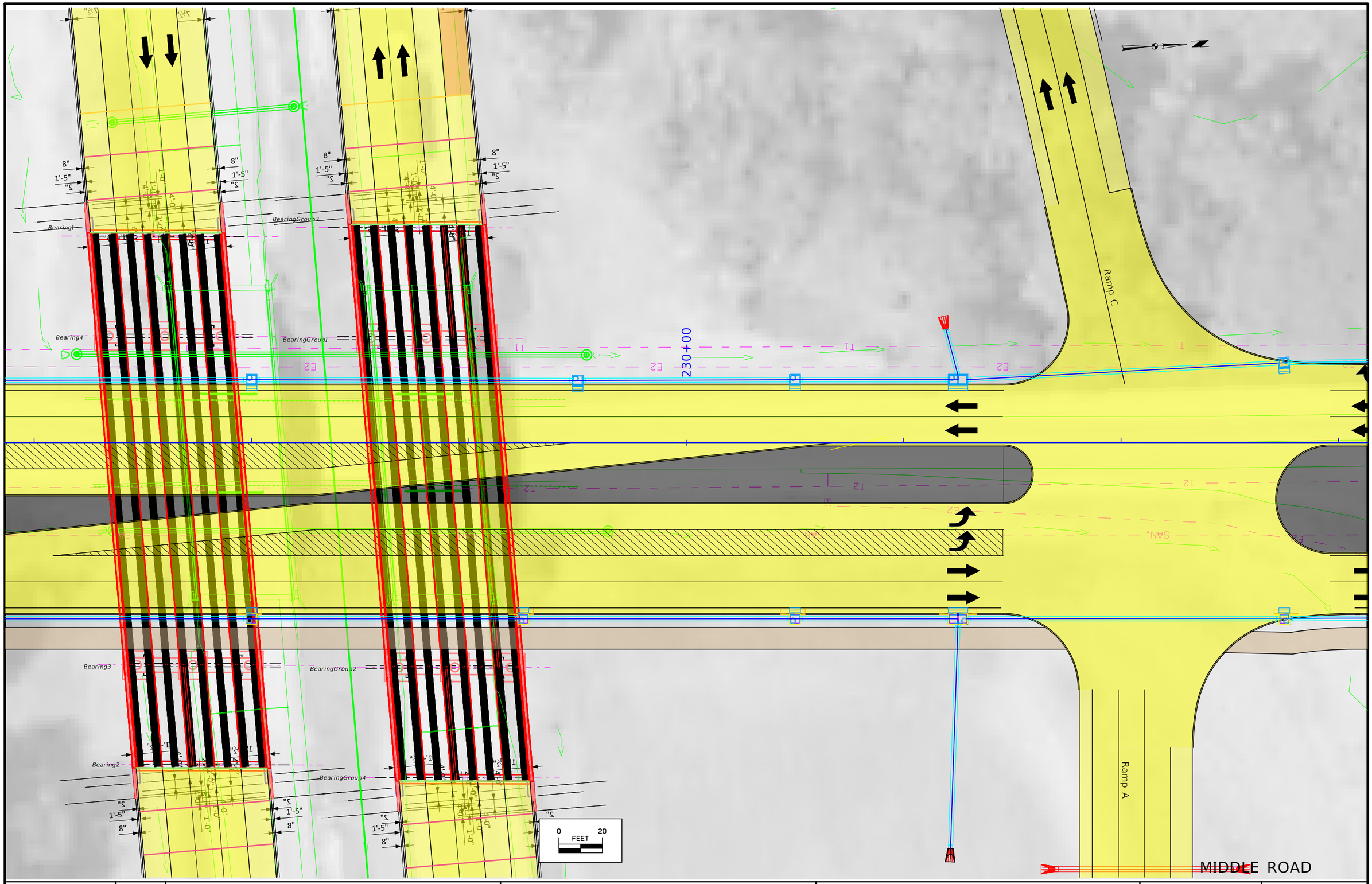

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER M.3

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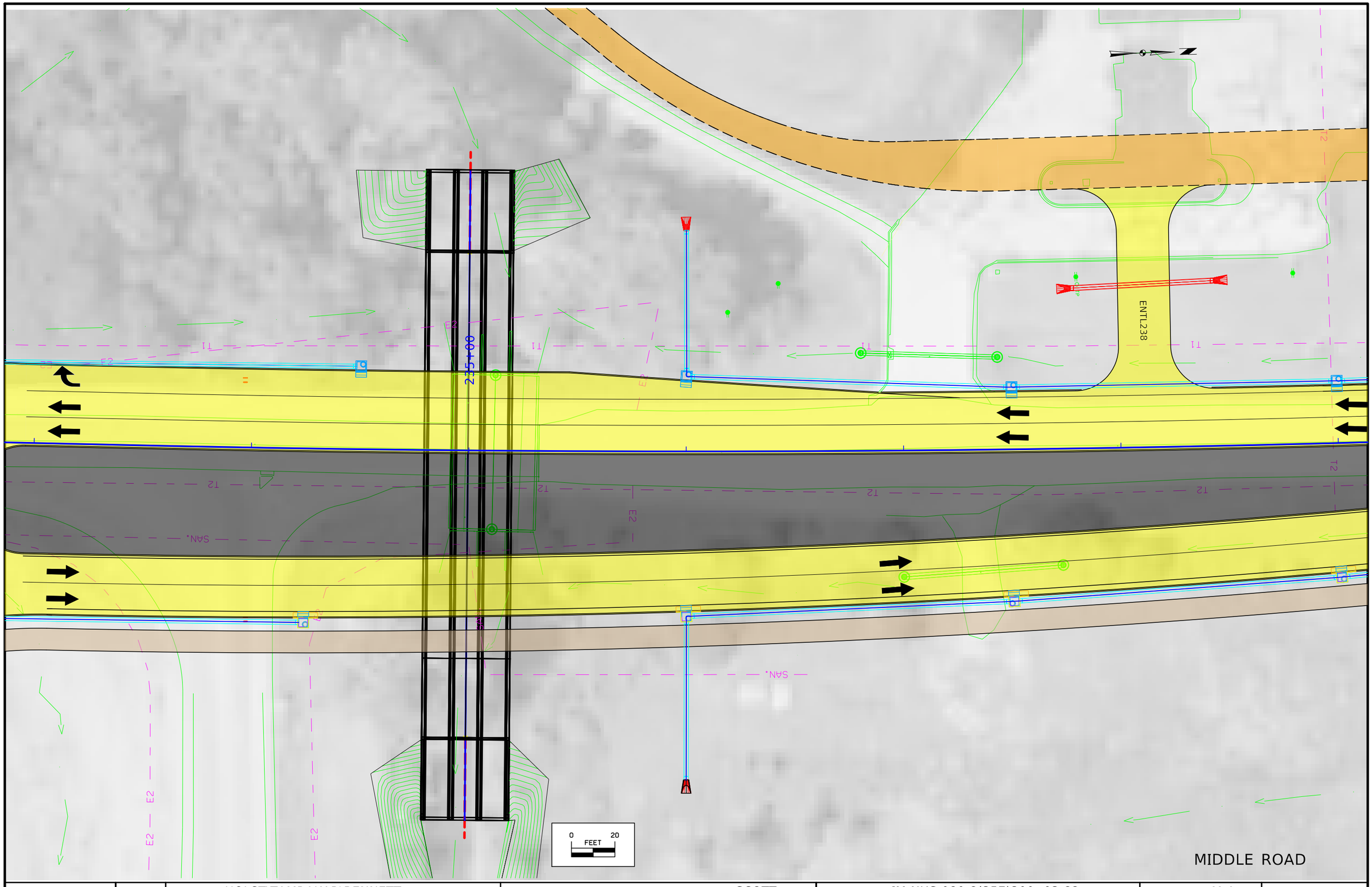

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER M.4	

240+00

245+00

0 FEET 20

MIDDLE ROAD

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER M.5	

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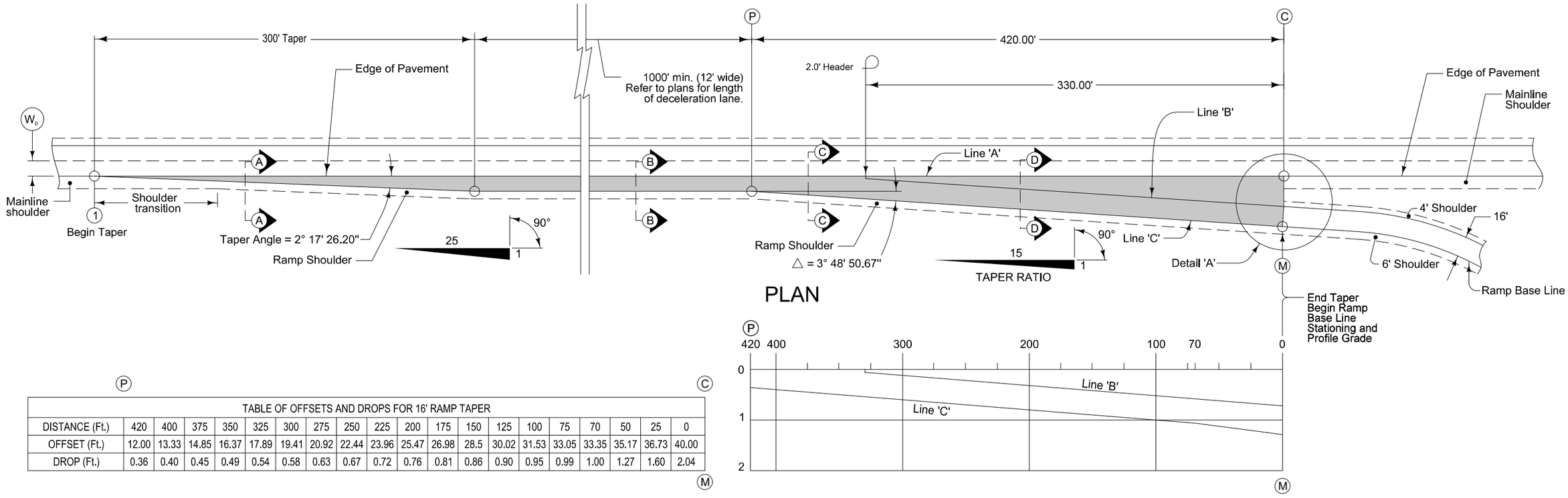
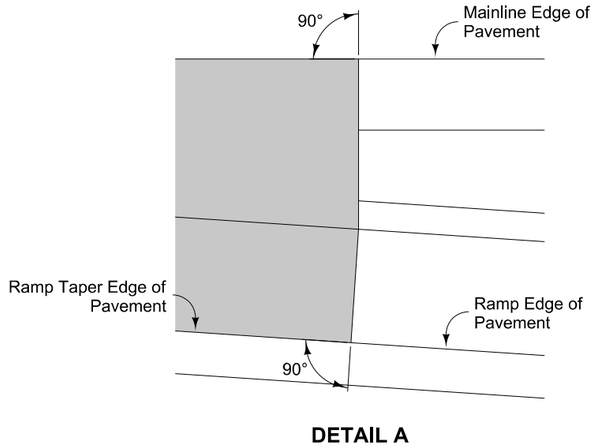
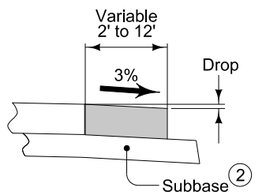


TABLE OF OFFSETS AND DROPS FOR 16' RAMP TAPER																			
DISTANCE (Ft.)	420	400	375	350	325	300	275	250	225	200	175	150	125	100	75	70	50	25	0
OFFSET (Ft.)	12.00	13.33	14.85	16.37	17.89	19.41	20.92	22.44	23.96	25.47	26.98	28.5	30.02	31.53	33.05	33.35	35.17	36.73	40.00
DROP (Ft.)	0.36	0.40	0.45	0.49	0.54	0.58	0.63	0.67	0.72	0.76	0.81	0.86	0.90	0.95	0.99	1.00	1.27	1.60	2.04

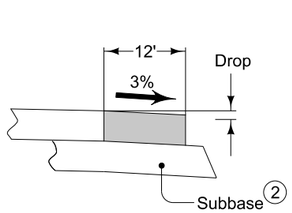
PROFILE



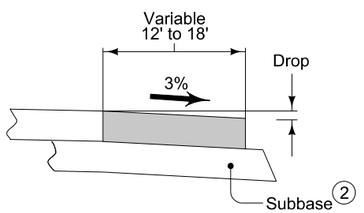
DETAIL A



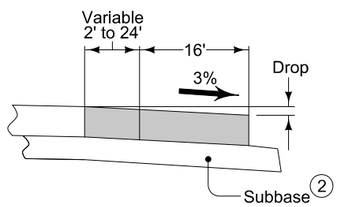
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

TABLE OF SHOULDER TRANSITION LENGTHS WITH 6' SHOULDER ON RAMP			
W0	Shoulder Width beyond Edge of Mainline Pavement		
	8'	10'	12'
12'	NA	100'	150'

NOTE: W_0 is the width of the outside lane to the Edge of Pavement.

Construct ramp exit pavement the same thickness as mainline pavement.

For joint detail, see PV-101.

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

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

MODIFIED

ROAD DESIGN DETAIL

Changed Offsets and Drops Table

REVISION	
2	04-21-20

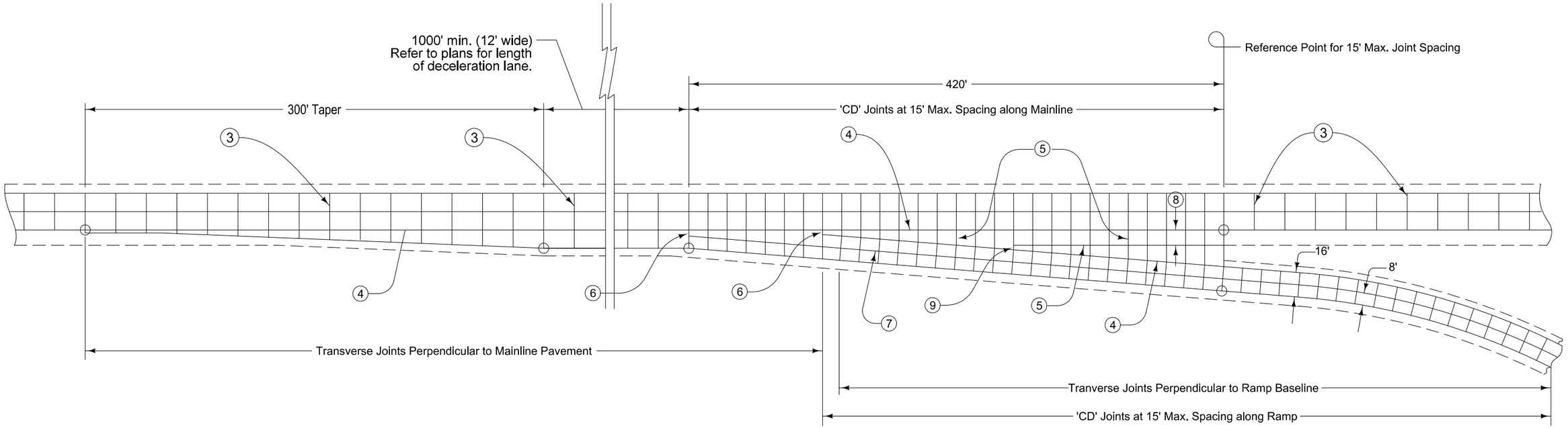
533-01

SHEET 1 of 2

PARALLEL DECELERATION TAPER FOR 16' RAMP (60 MPH DESIGN SPEED)

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER U.1

3:15:03 PM 11/21/2022 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_U01.dgn



16' EXIT RAMP WITH PARALLEL DECELERATION LANE

(3) 'CD' Joints at 17' spacing.

(4) 'BT-2' or 'KT-2' Joint.

(5) 'C' Joint.

(6) 'B' Joint. 2' minimum, 4' maximum.

(7) 'L-2' Joint.

(8) 10' minimum or equal to mainline shouder width.

(9) 'B' or 'C' Joint. 2' minimum. 4' maximum.

MODIFIED

ROAD DESIGN DETAIL

REVISION	
2	04-21-20

533-01

SHEET 2 of 2

Changed Offsets and Drops Table

PARALLEL DECELERATION TAPER FOR 16' RAMP (60 MPH DESIGN SPEED)

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER U.2	

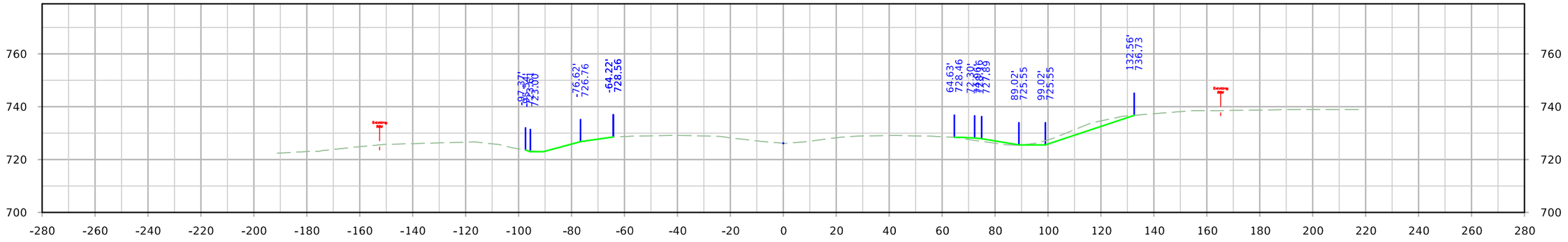
3:15:25 PM 11/21/2022 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_U01.dgn

PRELIMINARY BRIDGE TS&L IN PROGRESS

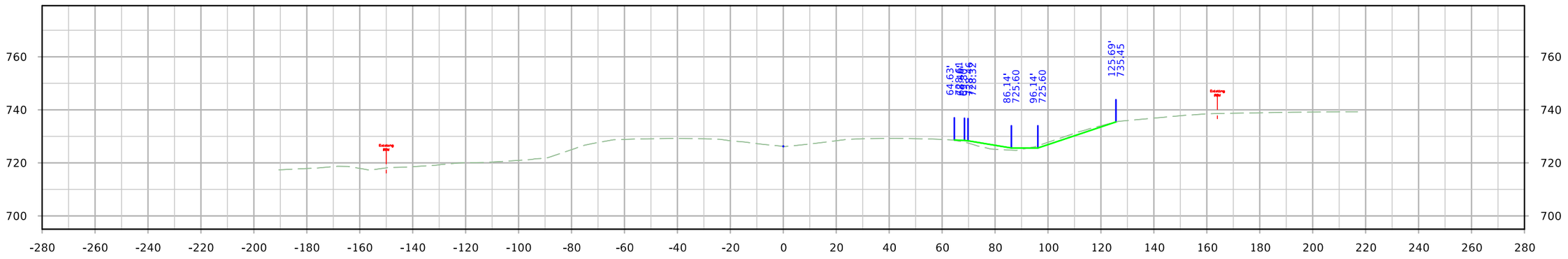
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER V.1	

9:23:35 AM 4/27/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_V1.dgn

ML080



STA. 1195+50.00



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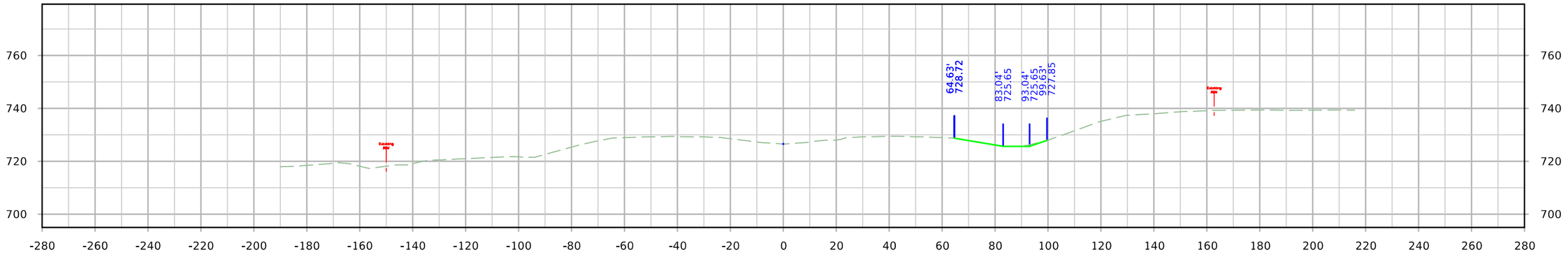

STA. 1194+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.1

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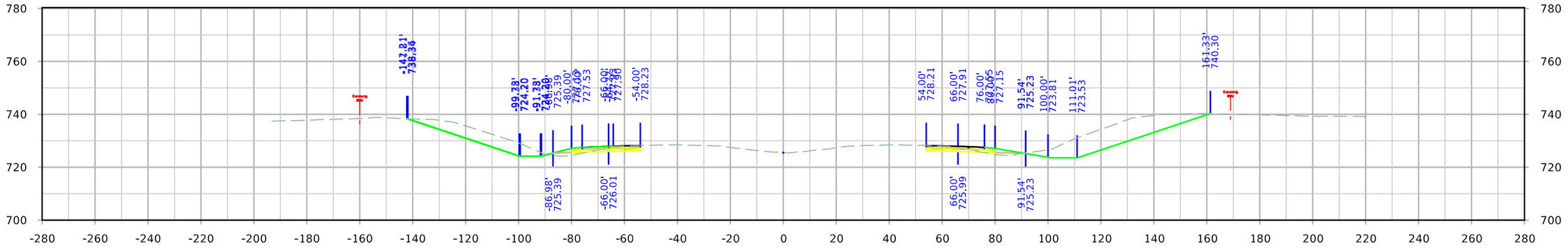
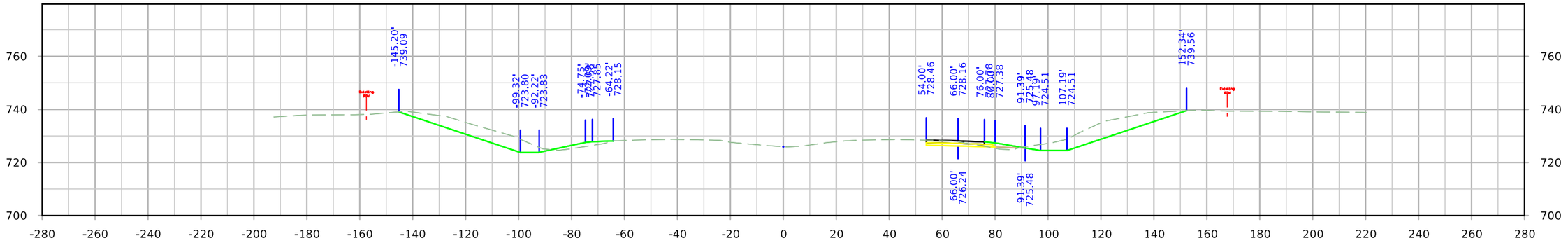
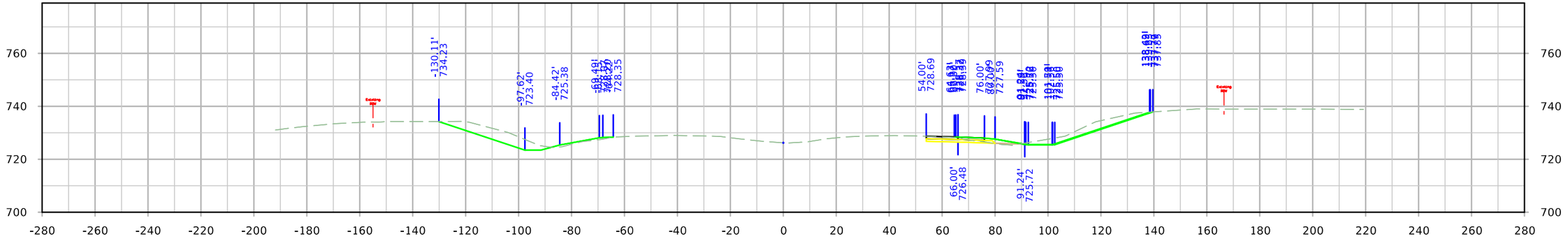
ML080



STA. 1197+00.00



STA. 1196+50.00



STA. 1196+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.2	

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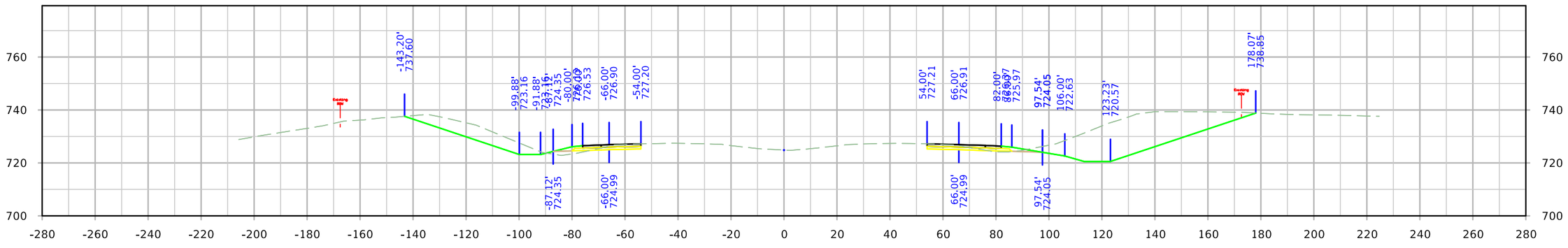
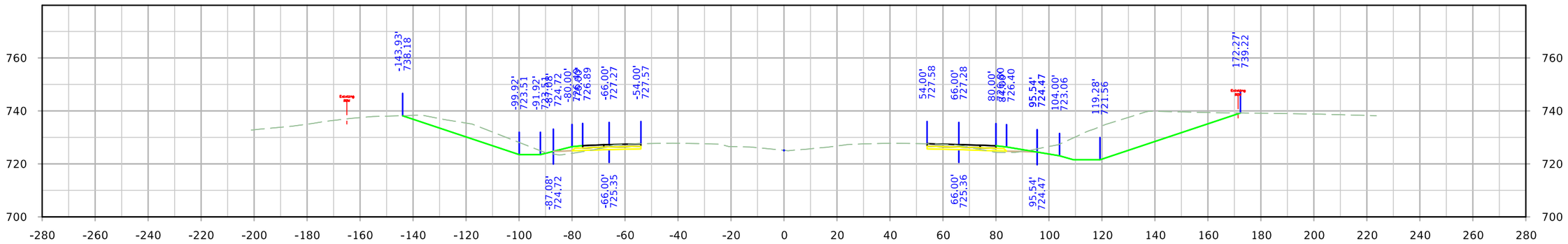
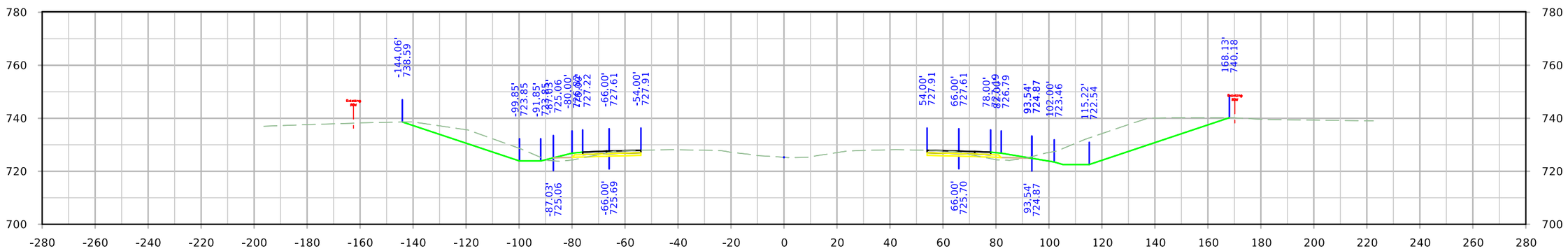
ML080



STA. 1198+50.00



STA. 1198+00.00

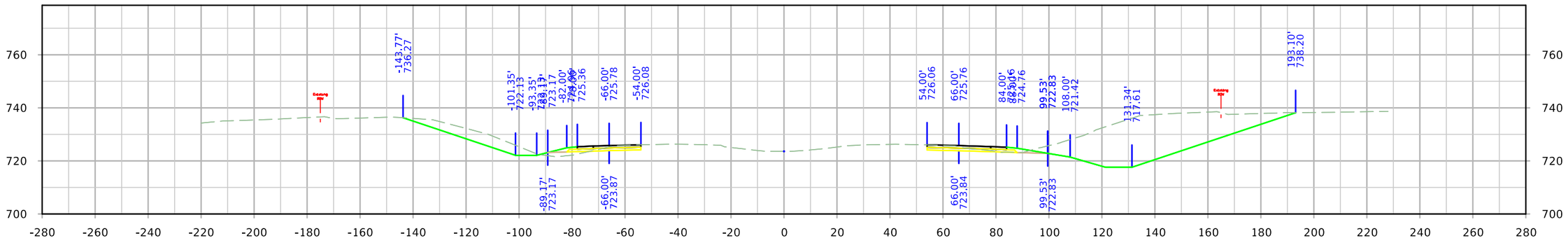


STA. 1197+50.00

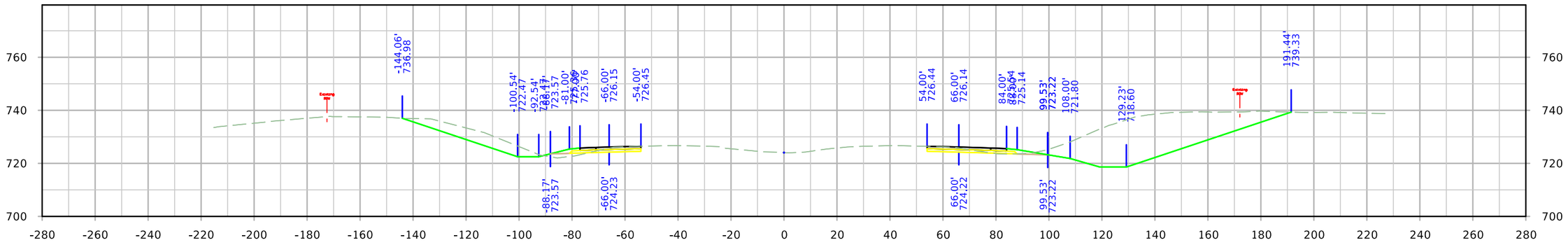
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.3

10:47:14 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_west.dgn

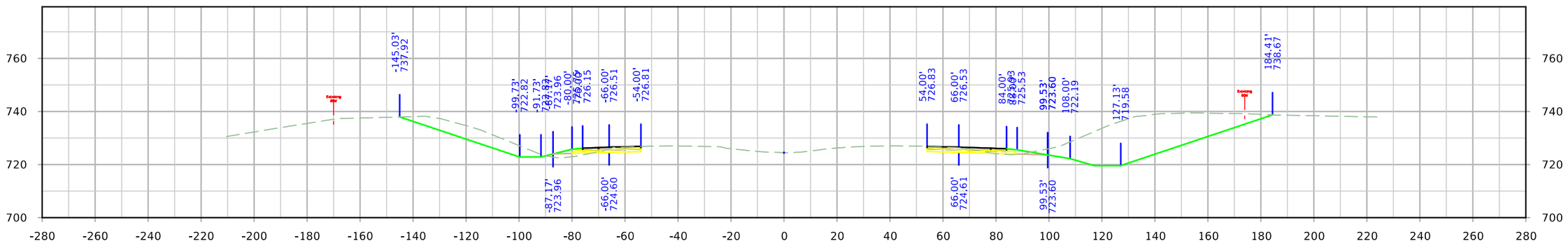
ML080



STA. 1200+00.00



STA. 1199+50.00

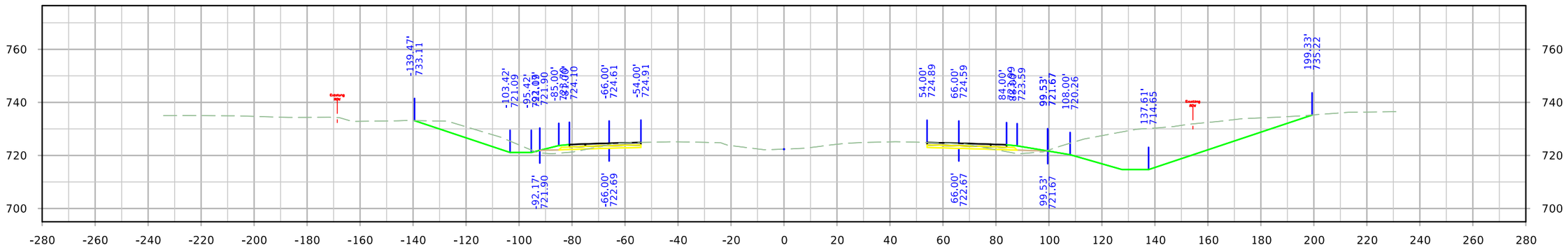


STA. 1199+00.00

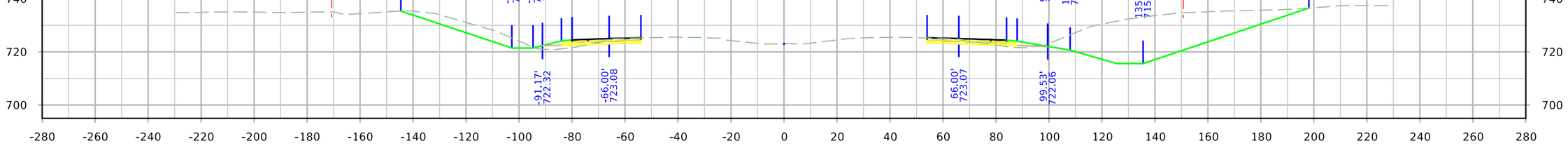
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.4

10:47:15 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_west.dgn

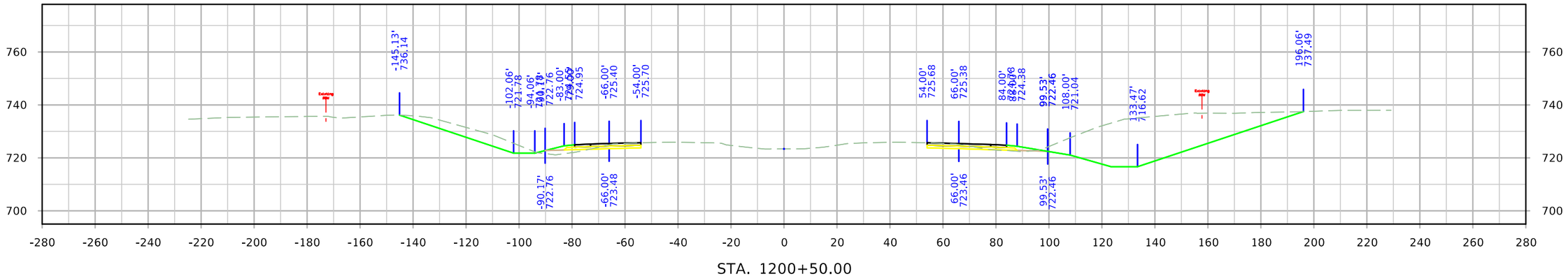
ML080



STA. 1201+50.00



STA. 1201+00.00

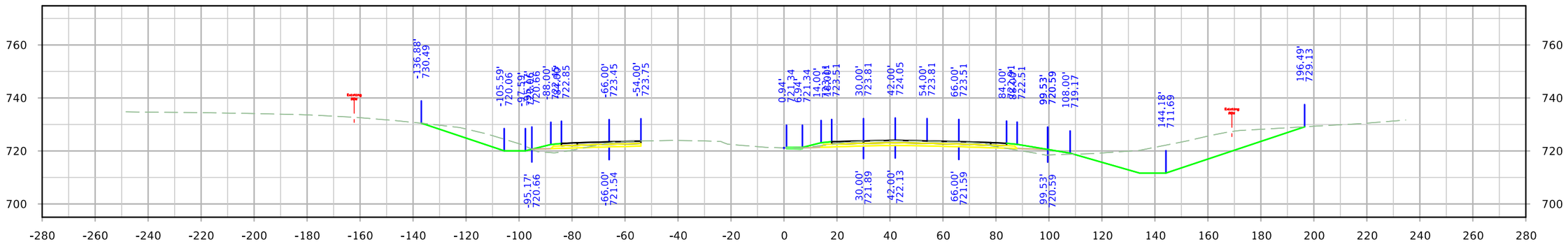


STA. 1200+50.00

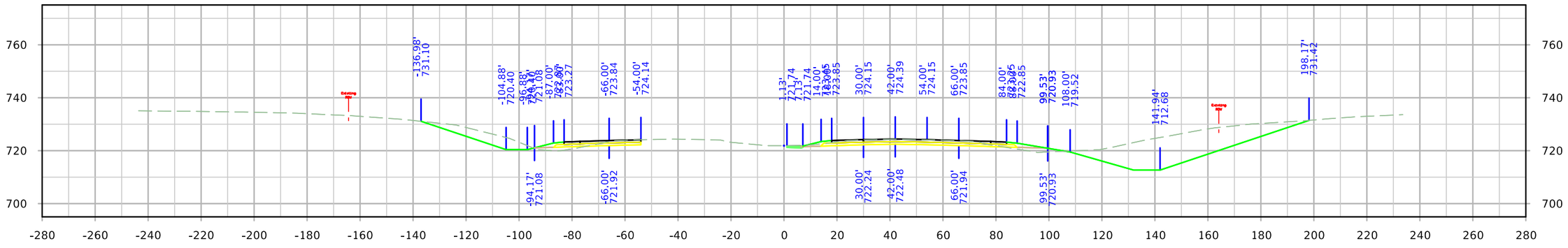
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.5

10:47:16 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_west.dgn

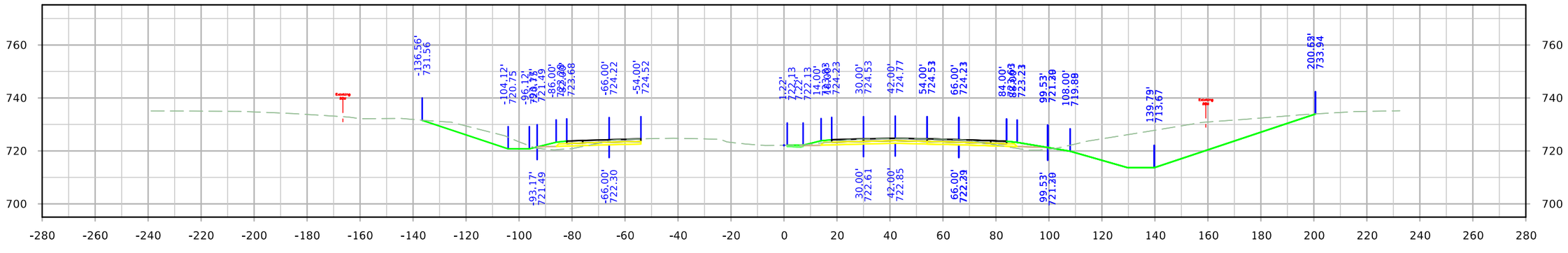
ML080



STA. 1203+00.00



STA. 1202+50.00

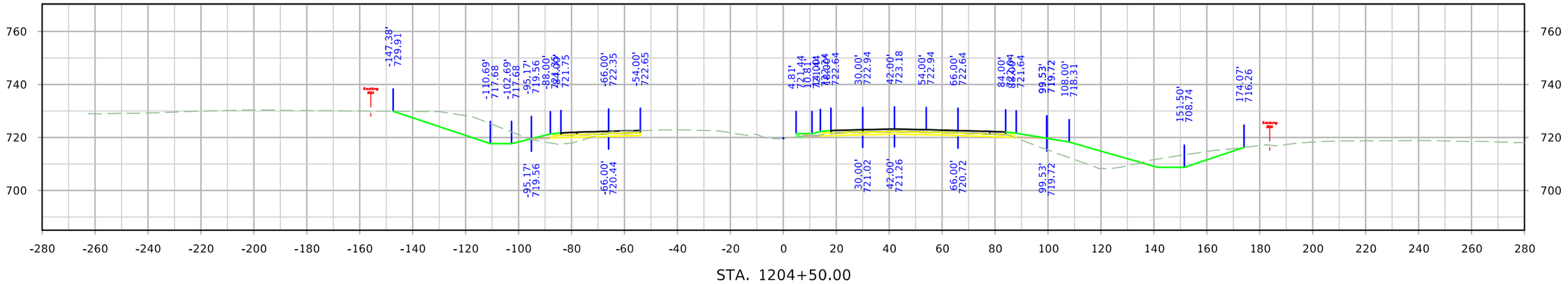


STA. 1202+00.00

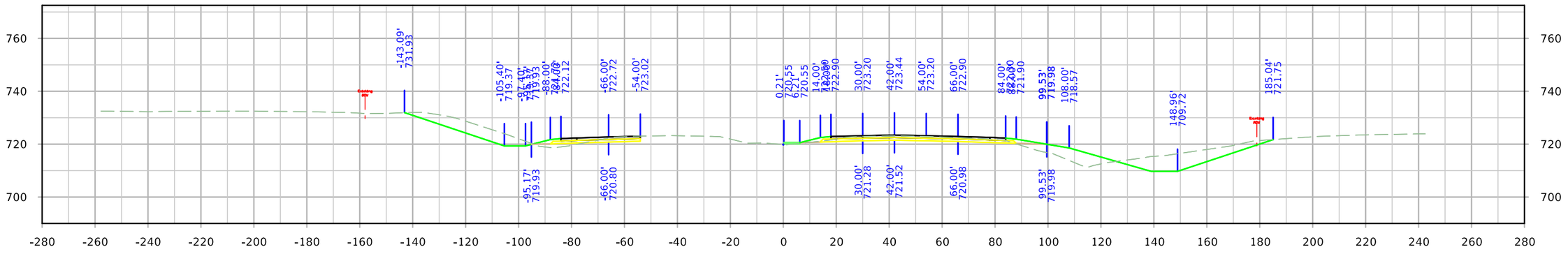
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.6

10:47:17 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_west.dgn

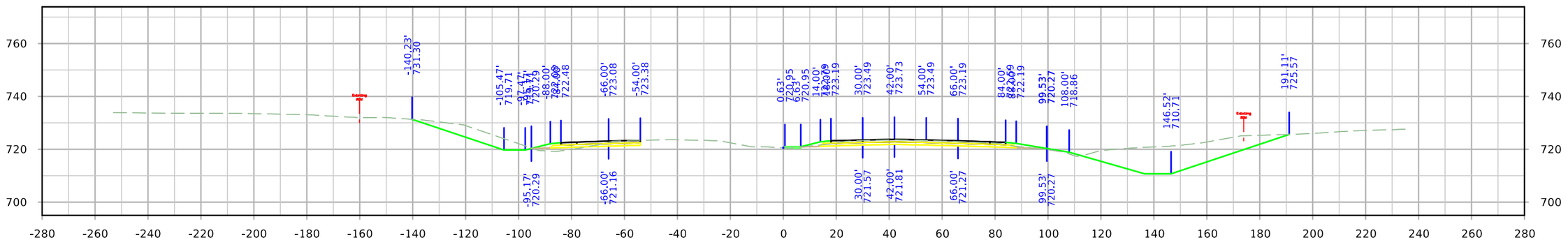
ML080



STA. 1204+50.00



STA. 1204+00.00

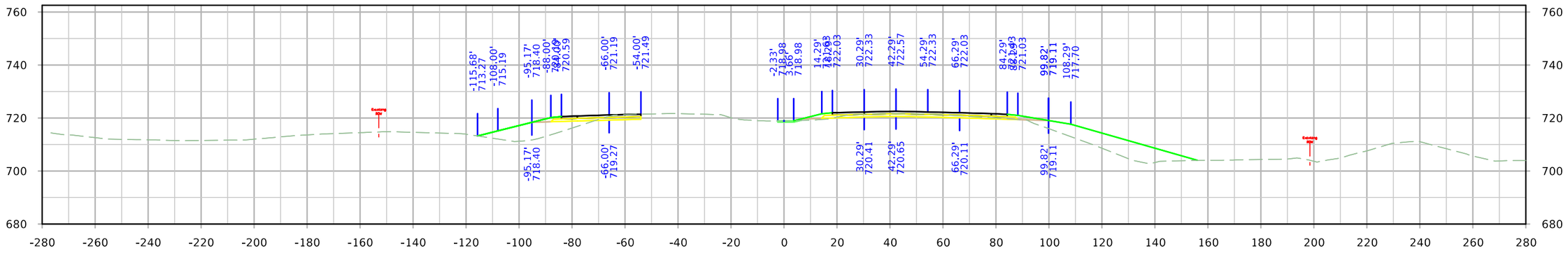


STA. 1203+50.00

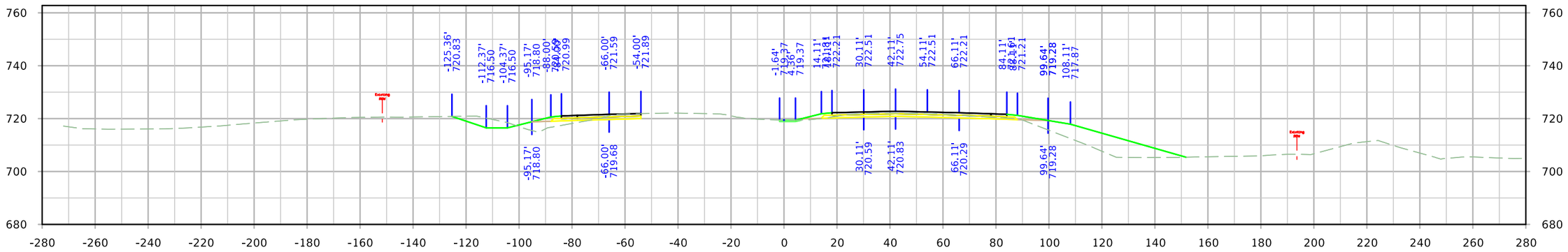
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.7

10:47:18 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_west.dgn

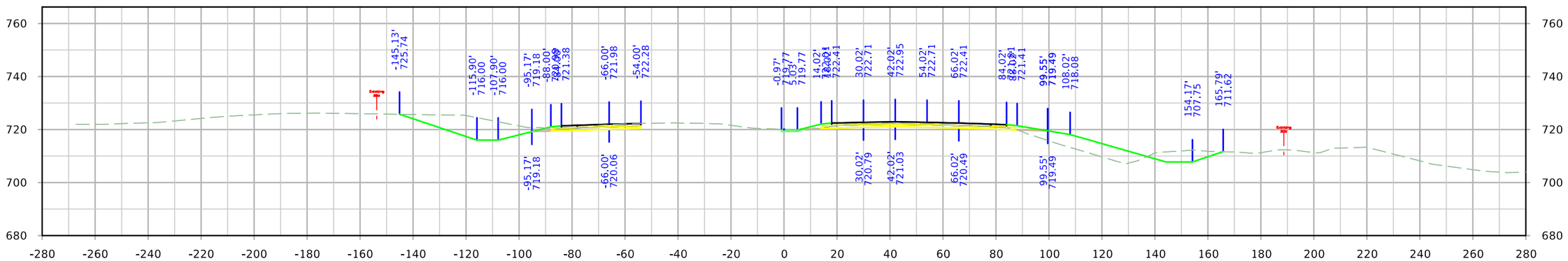
ML080



STA. 1206+00.00



STA. 1205+50.00



STA. 1205+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.8

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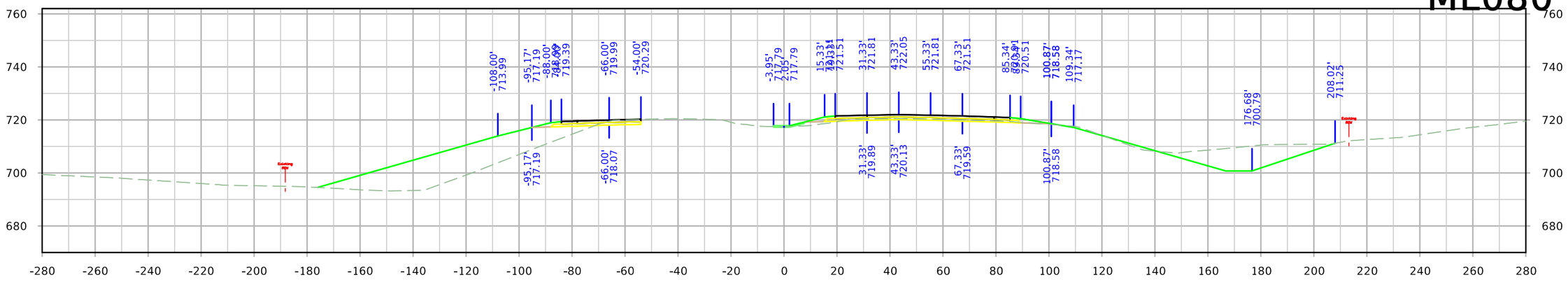
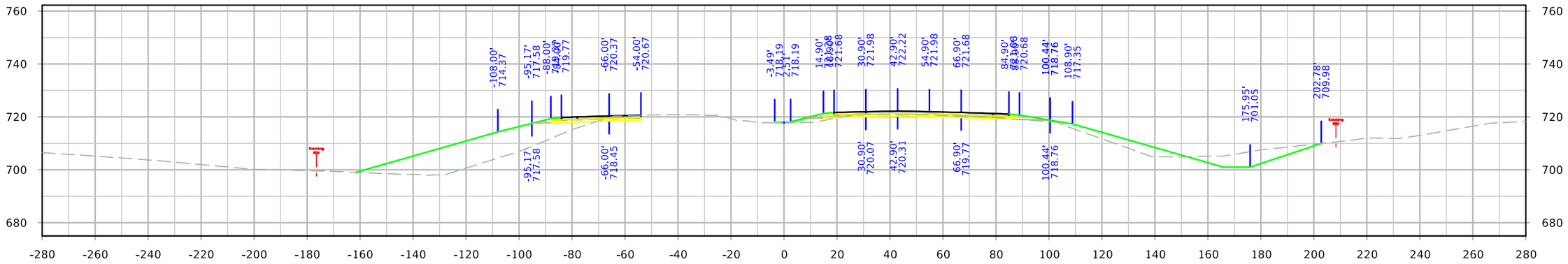
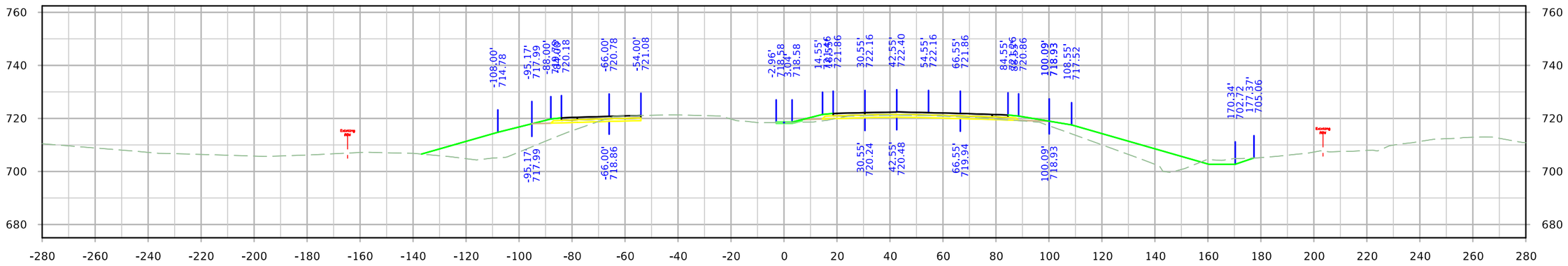
ML080



STA. 1207+50.00



STA. 1207+00.00

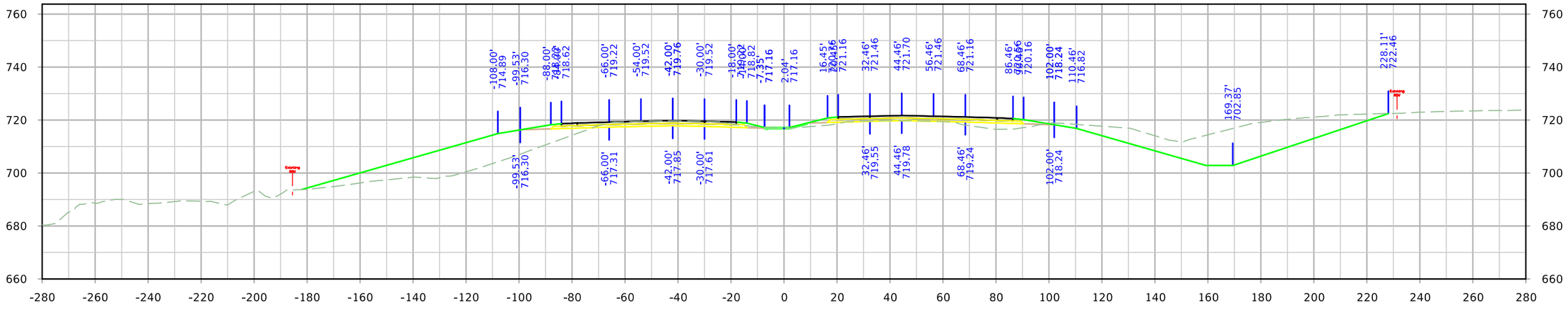


STA. 1206+50.00

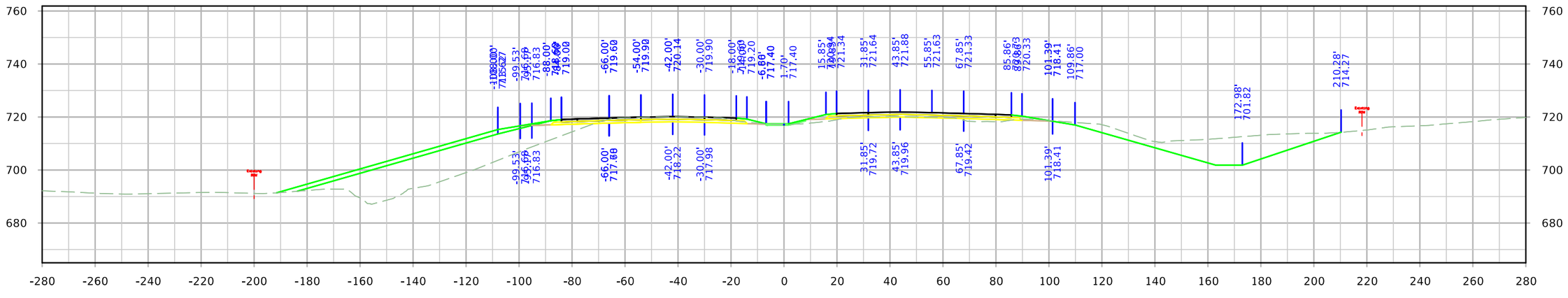
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.9

10:47:20 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_west.dgn

ML080



STA. 1208+50.00



STA. 1208+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.10

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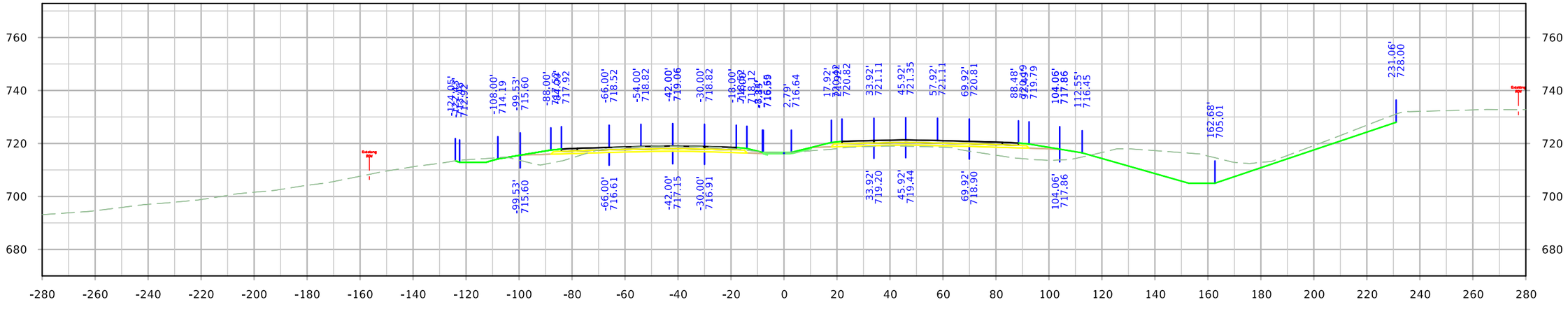
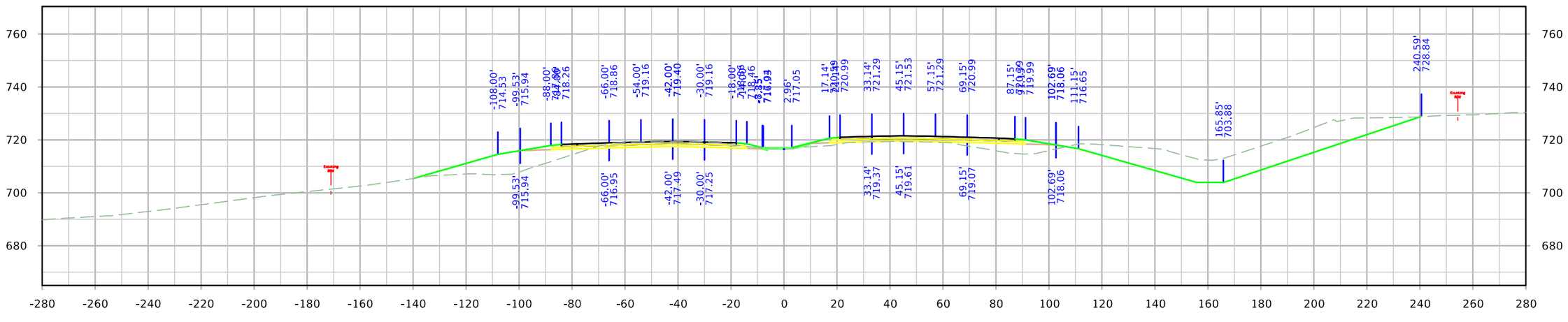
ML080



STA. 1209+50.00



STA. 1209+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.11

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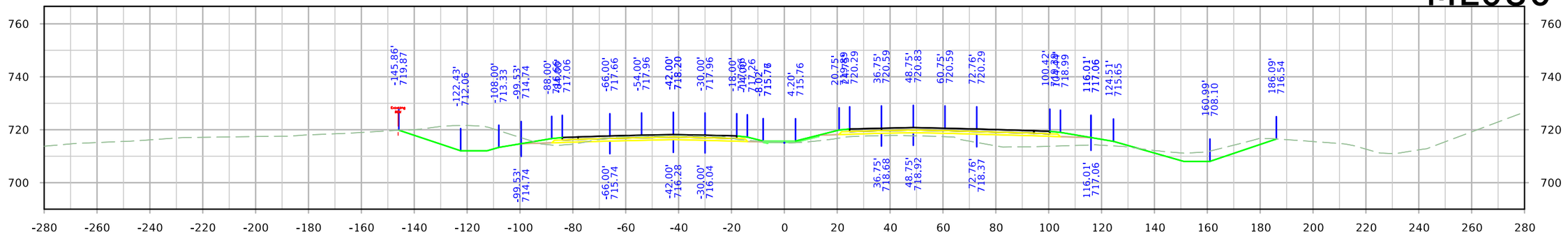
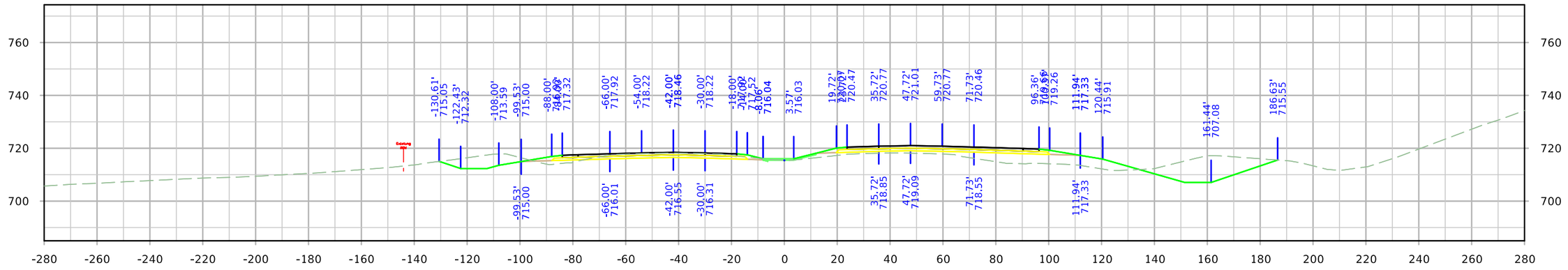
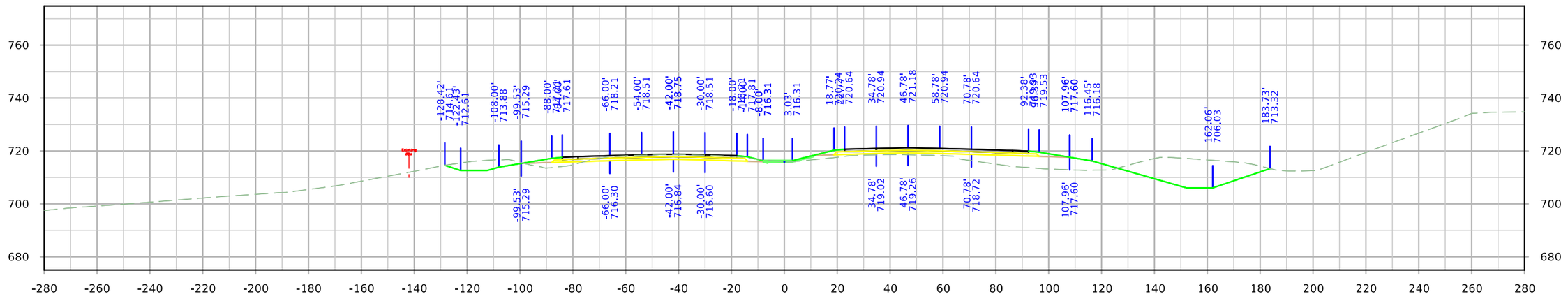
ML080



STA. 1211+00.00



STA. 1210+50.00



STA. 1210+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.12

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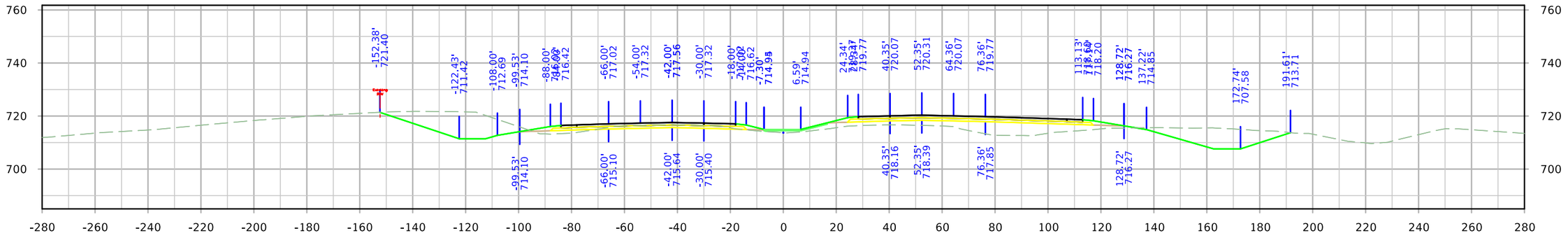
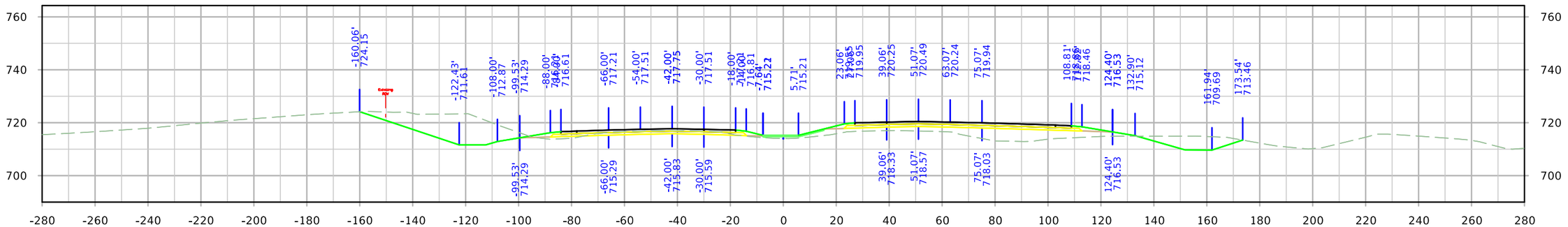
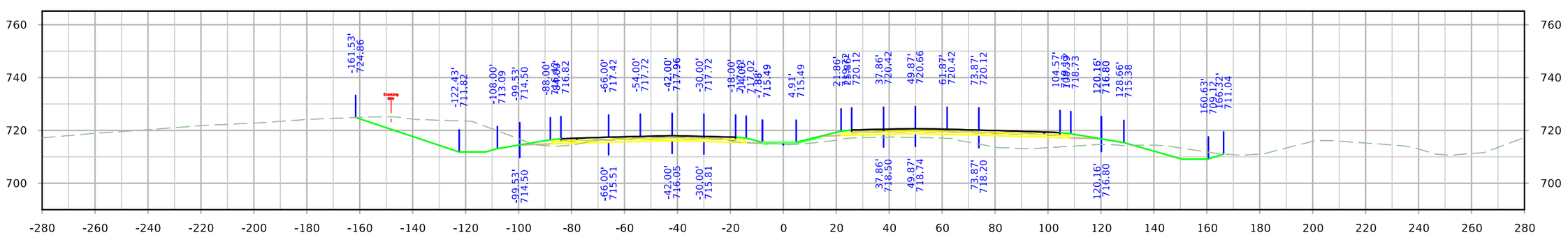


STA. 1212+50.00



STA. 1212+00.00



STA. 1211+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.13

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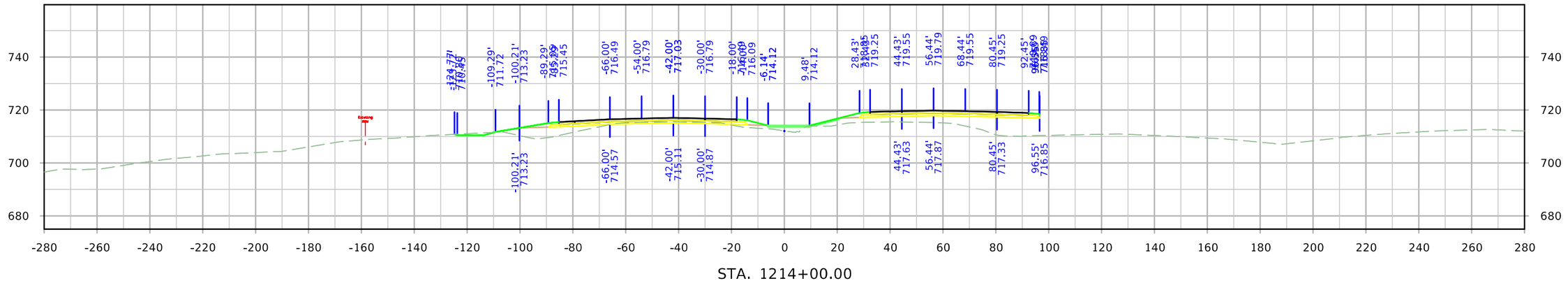
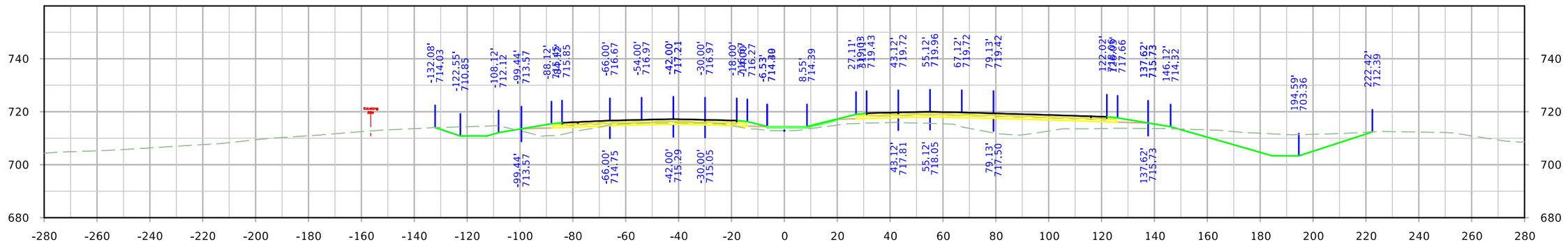
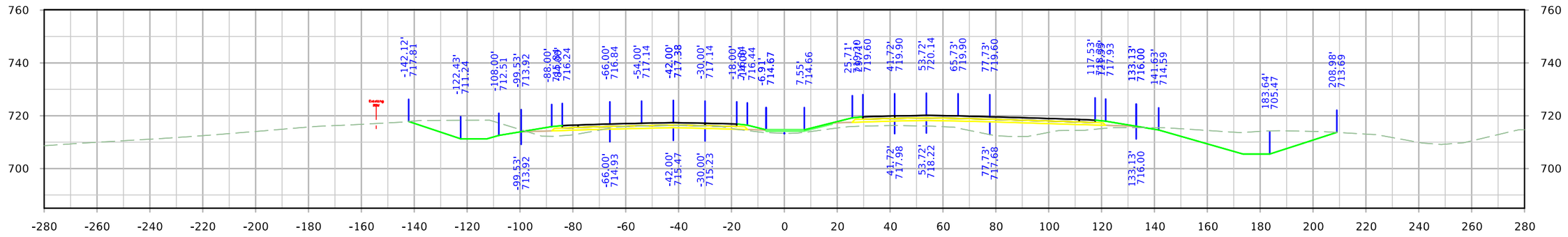
ML080



STA. 1214+00.00



STA. 1213+50.00



STA. 1213+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.14

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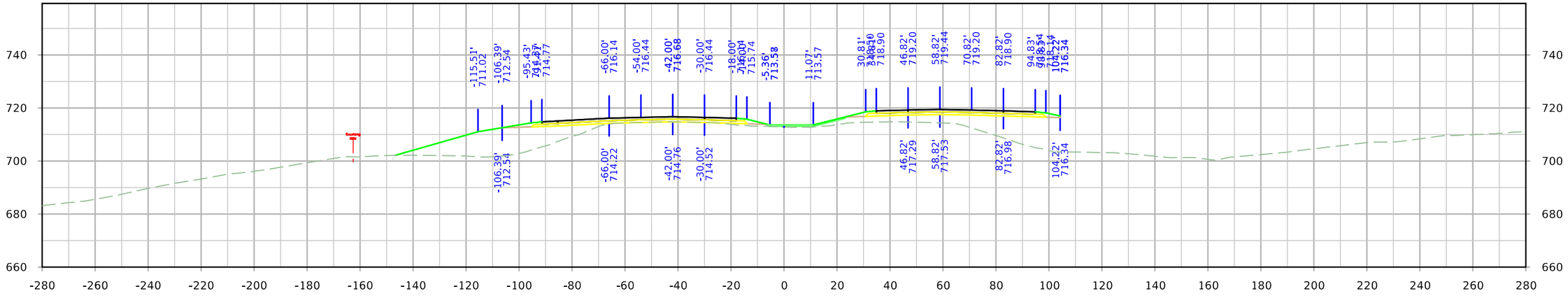
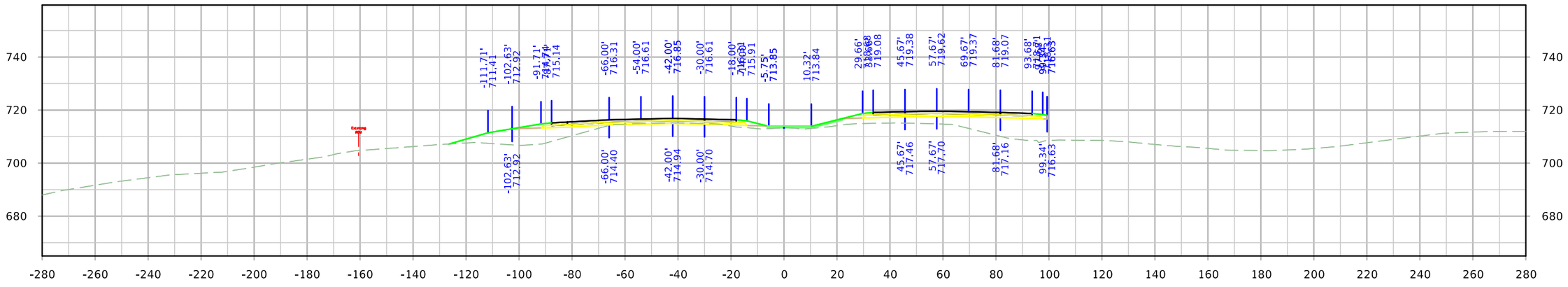
ML080



STA. 1215+00.00



STA. 1214+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.15

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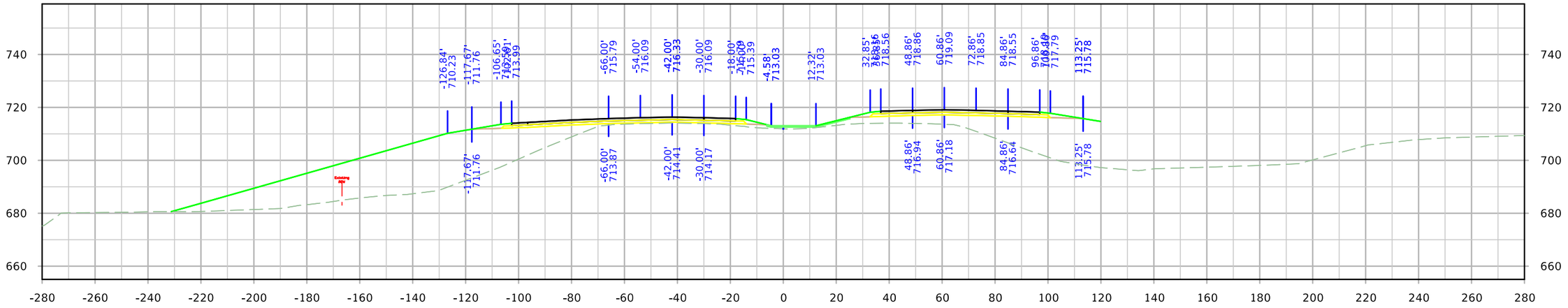
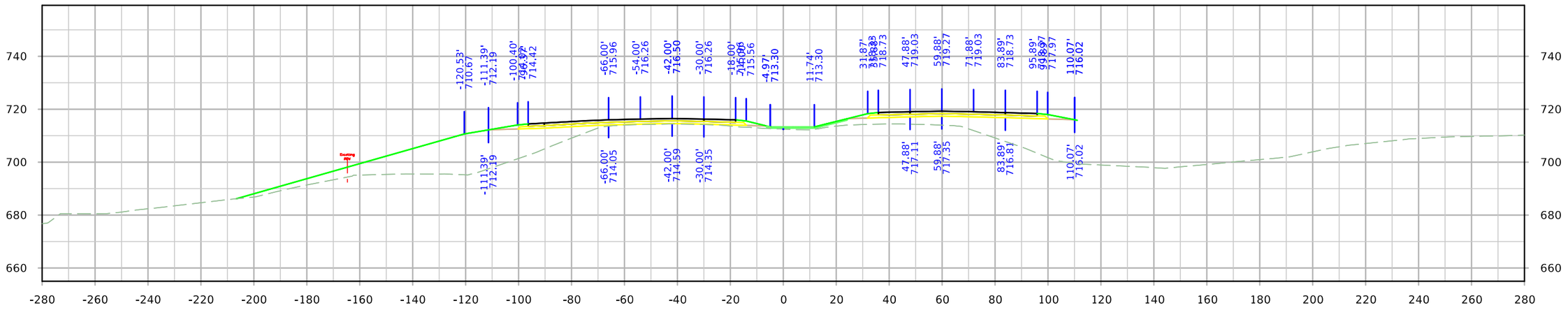
ML080



STA. 1216+00.00



STA. 1215+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.16	

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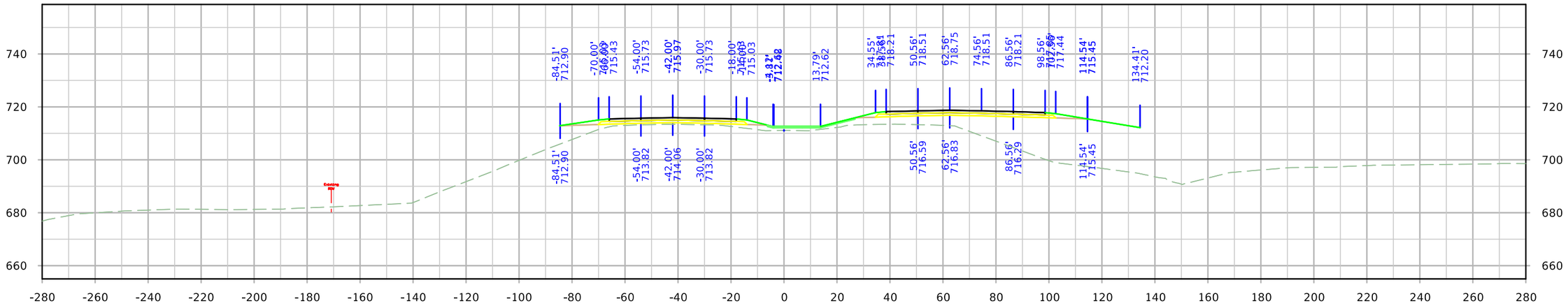
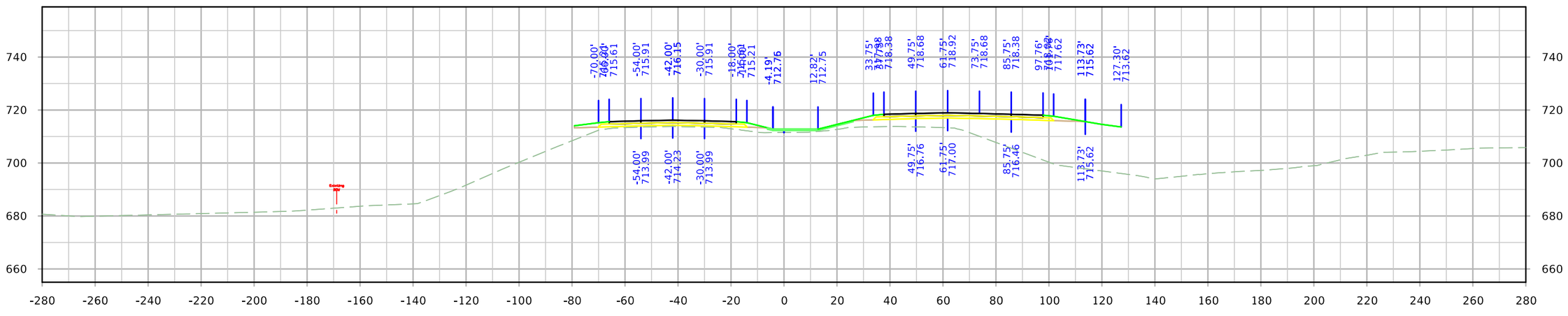
ML080



STA. 1217+00.00

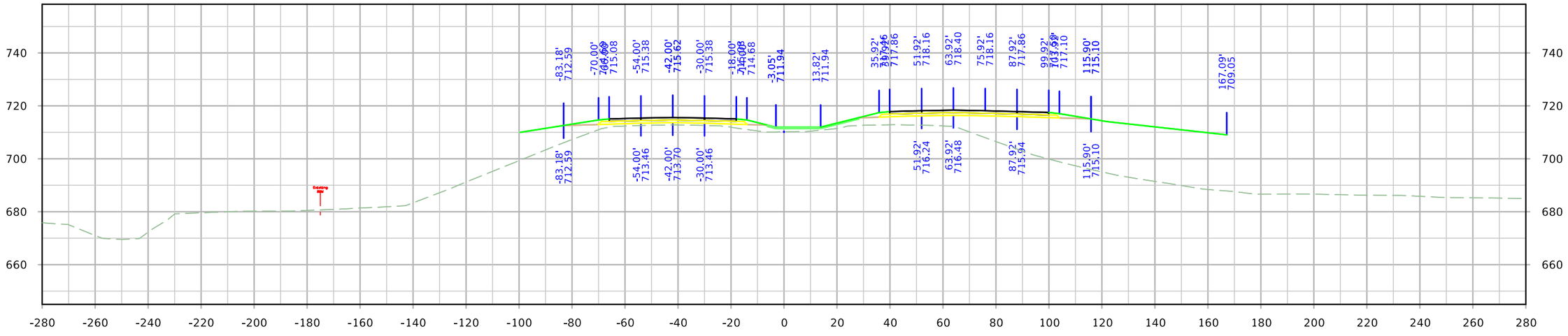


STA. 1216+50.00

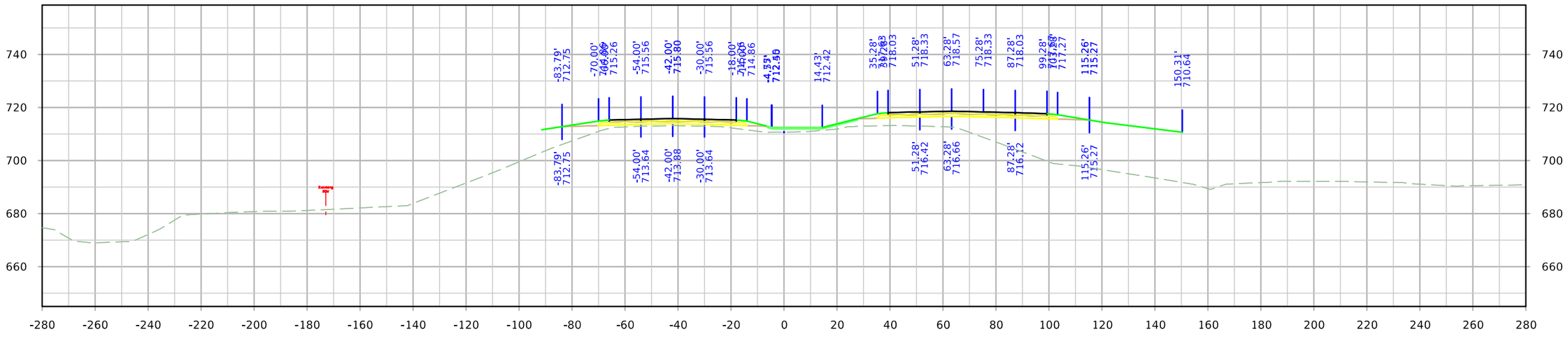
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.17

10:47:28 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_west.dgn

ML080



STA. 1218+00.00



STA. 1217+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.18	

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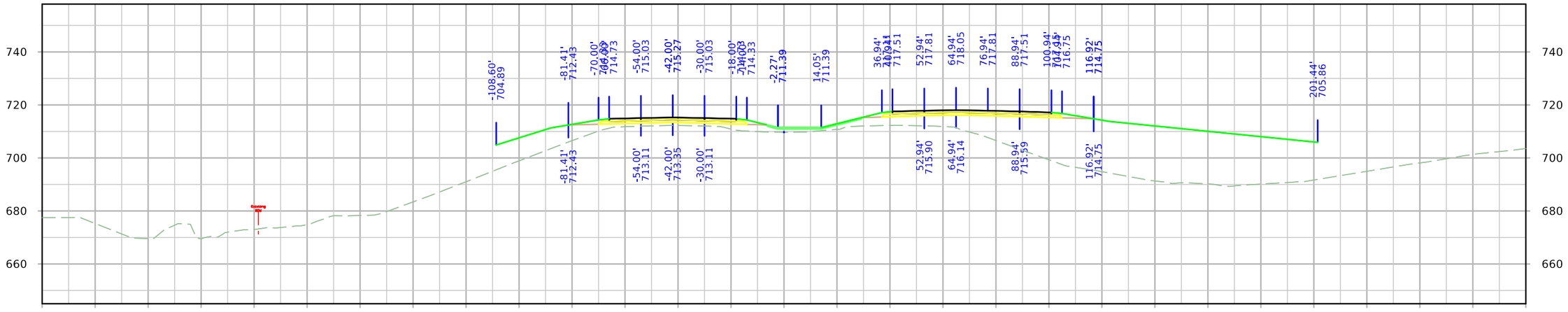
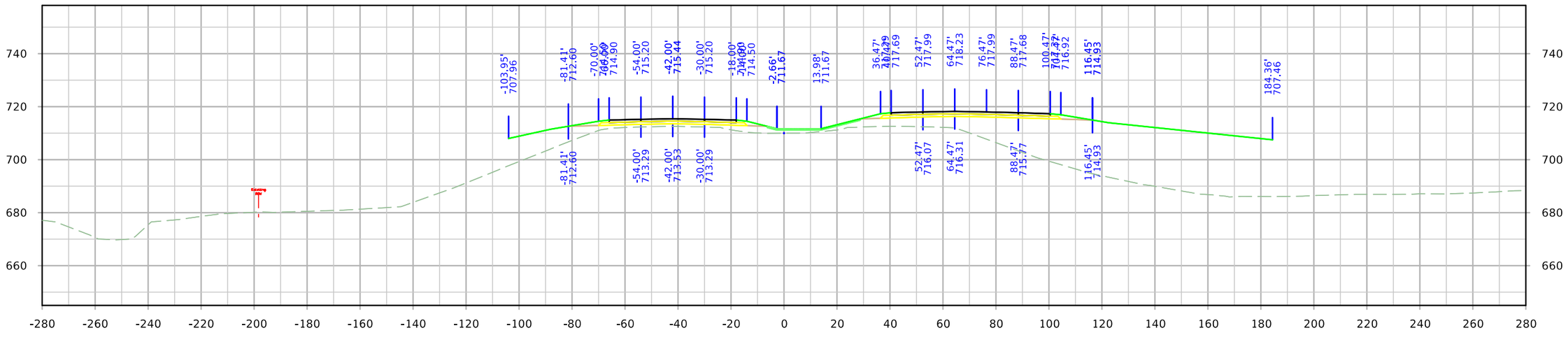
ML080



STA. 1219+00.00

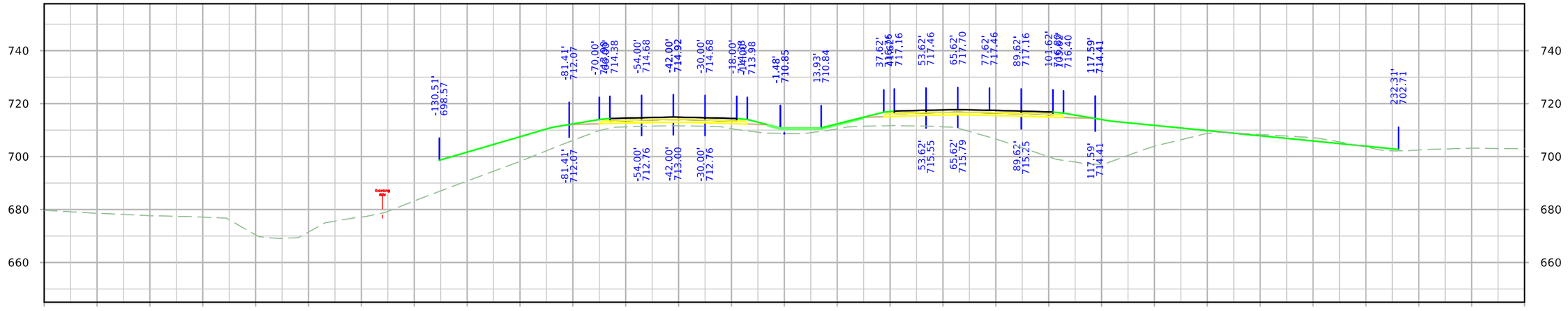


STA. 1218+50.00

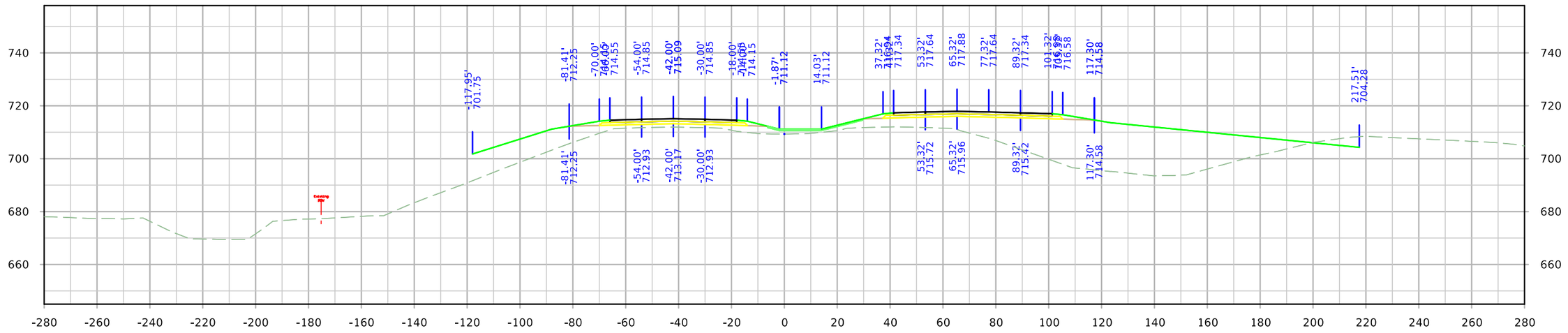
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.19

10:47:30 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_west.dgn

ML080



STA. 1220+00.00



STA. 1219+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.20	

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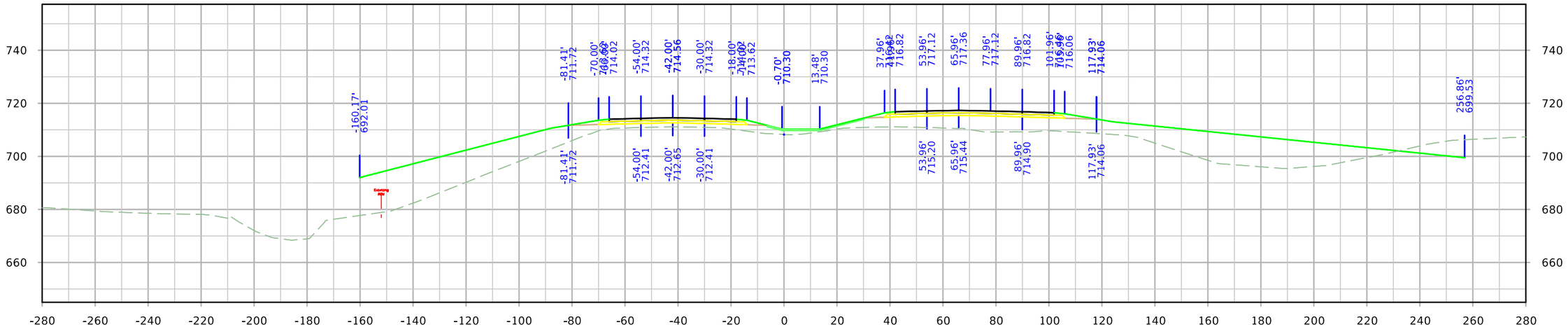
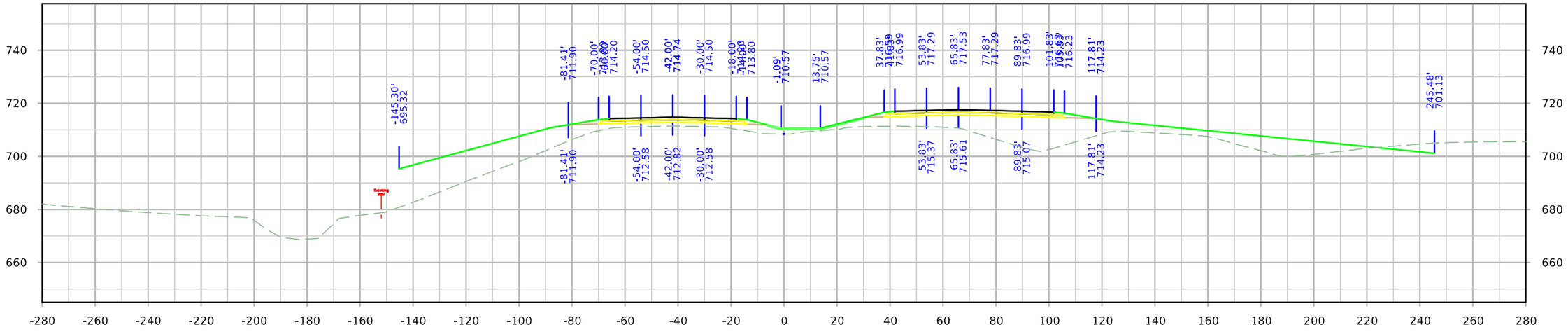
ML080



STA. 1221+00.00



STA. 1220+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.21

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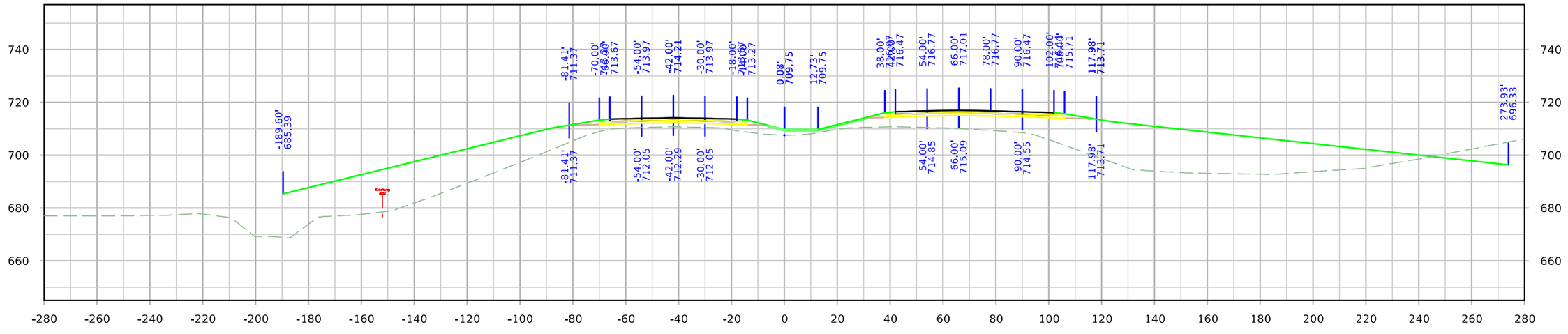
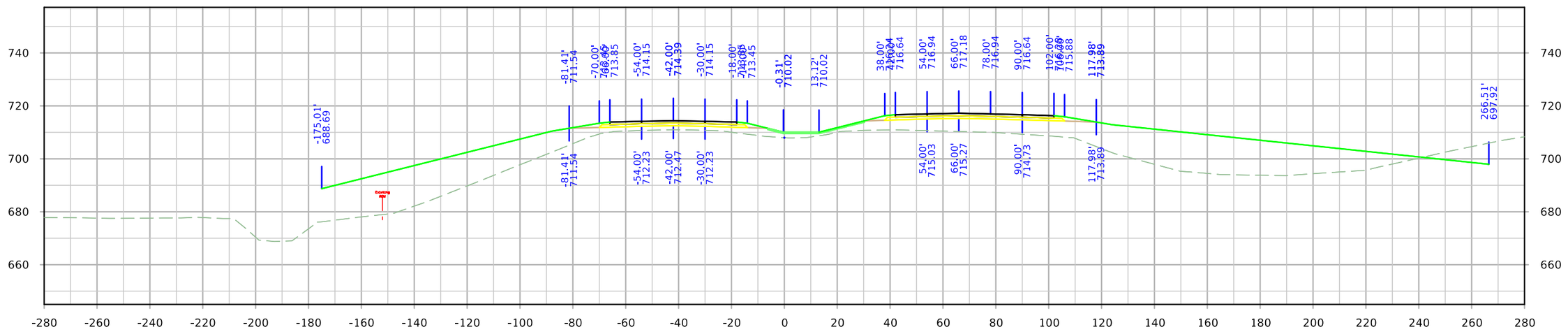
ML080



STA. 1222+00.00



STA. 1221+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.22

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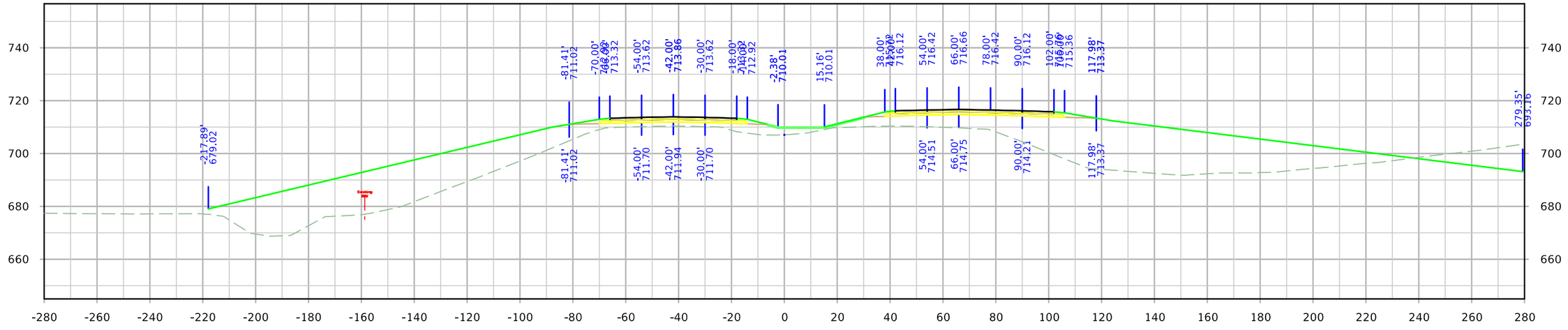
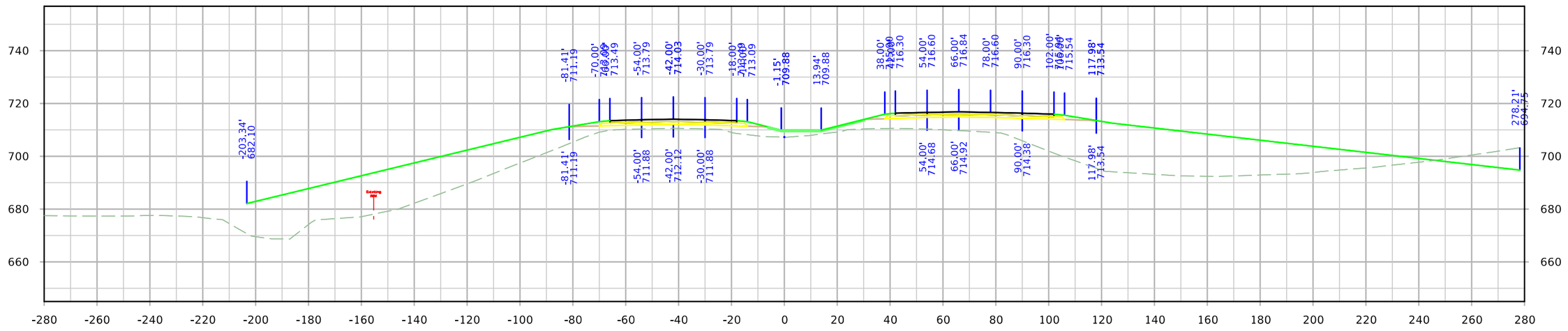
ML080



STA. 1223+00.00



STA. 1222+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.23

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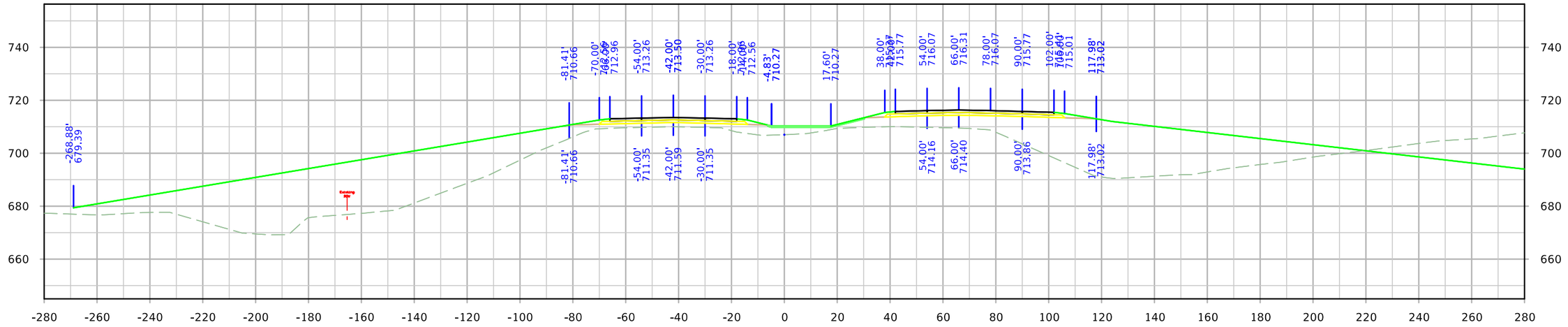
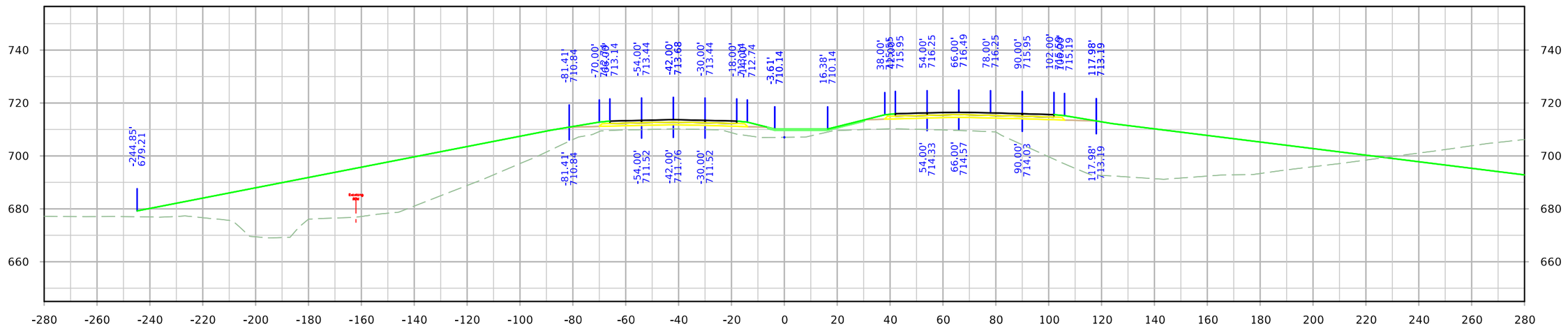
ML080



STA. 1224+00.00



STA. 1223+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.24

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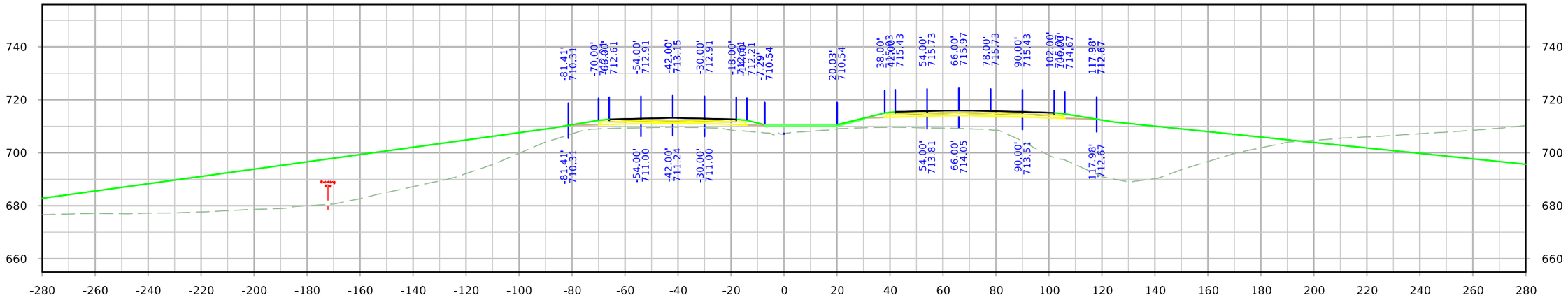
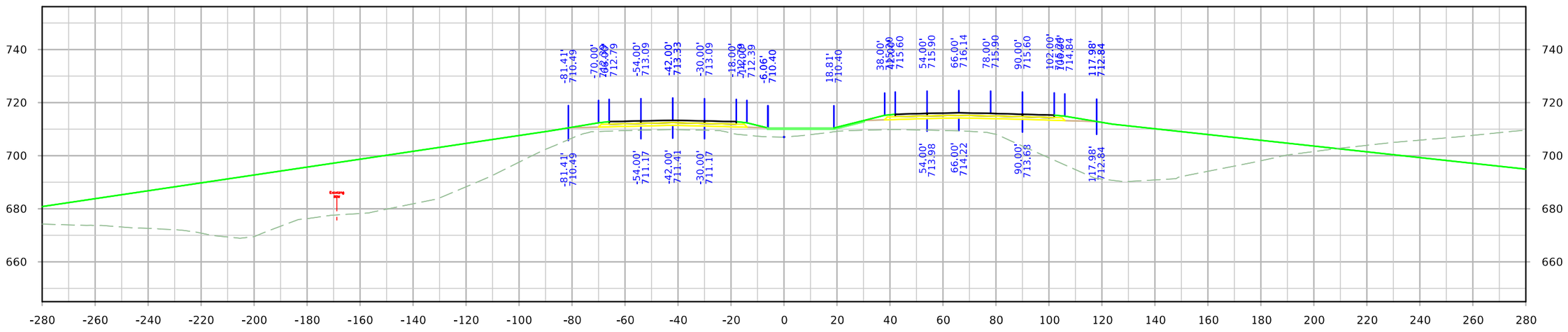
ML080



STA. 1225+00.00



STA. 1224+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.25

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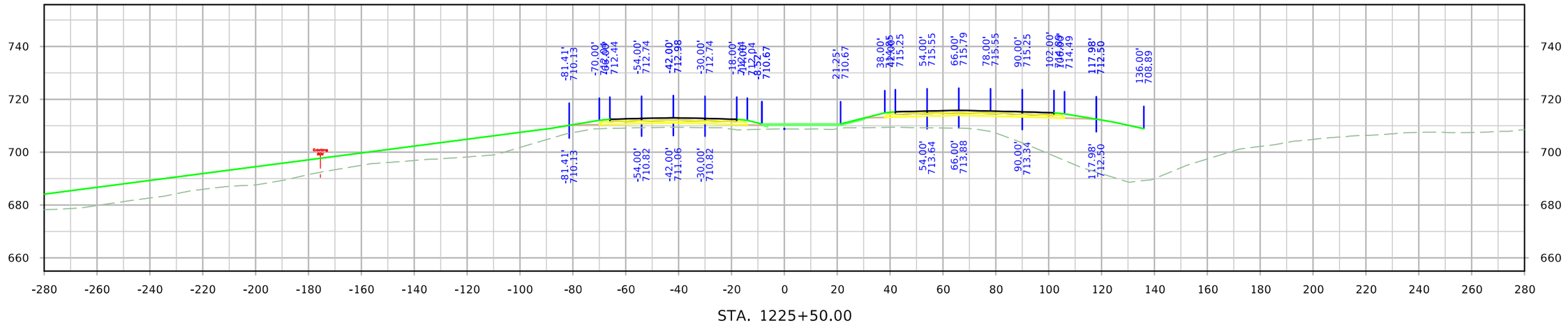
ML080



STA. 1225+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.26	

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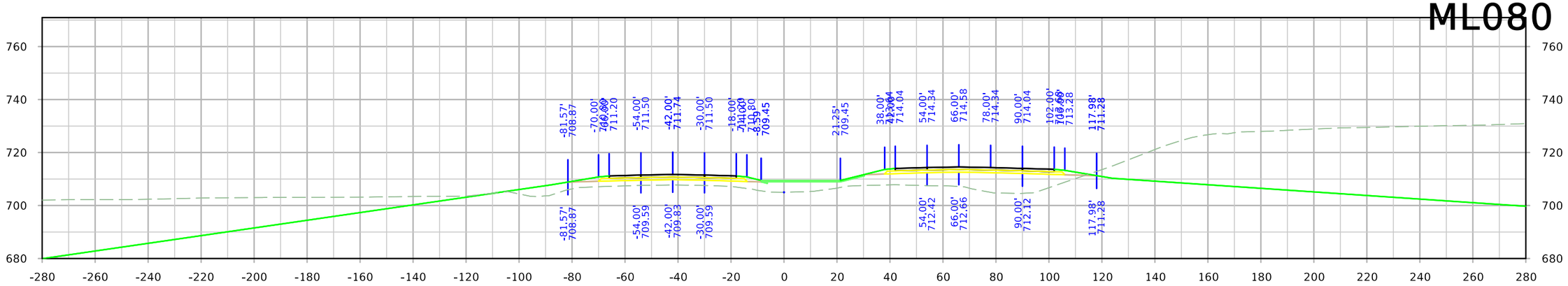
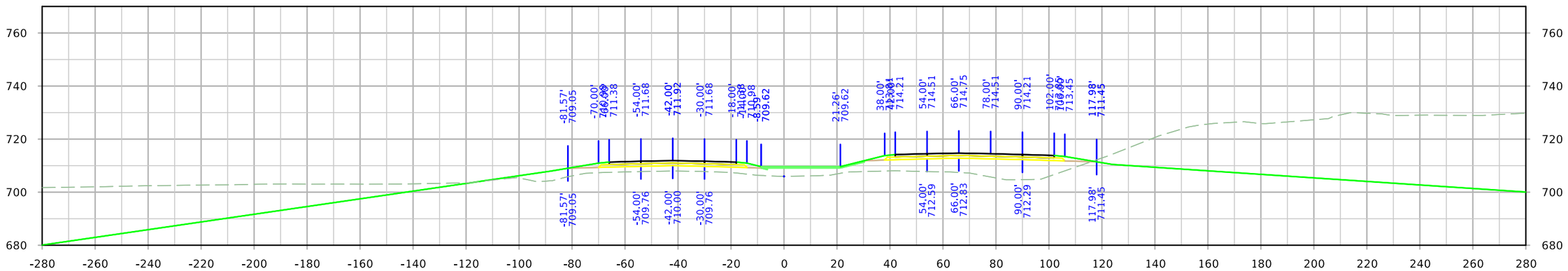
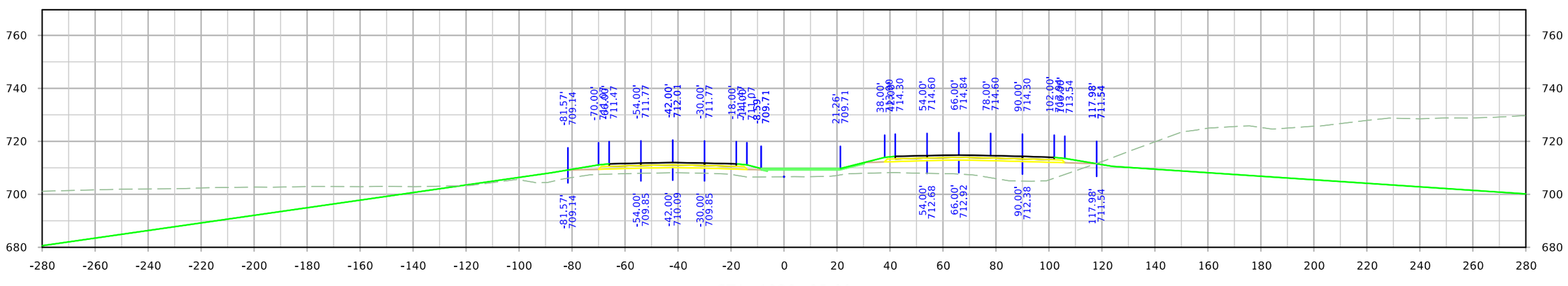
ML080



STA. 1229+00.00



STA. 1228+50.00



STA. 1228+25.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.27	

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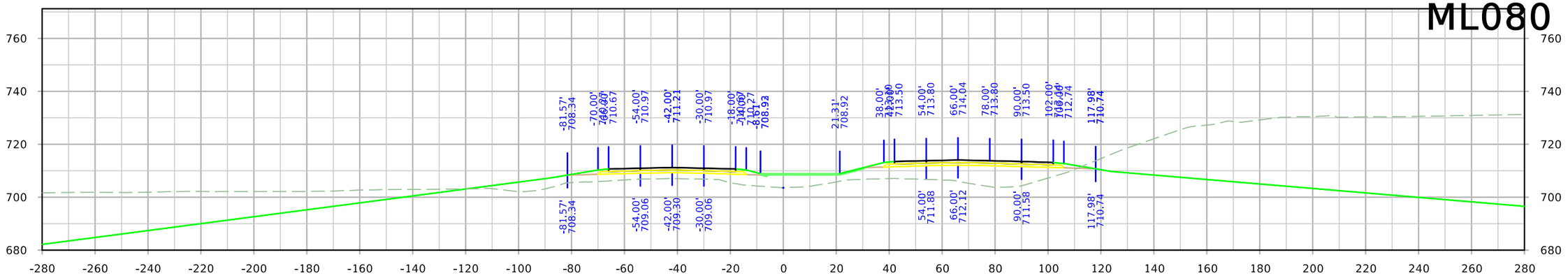
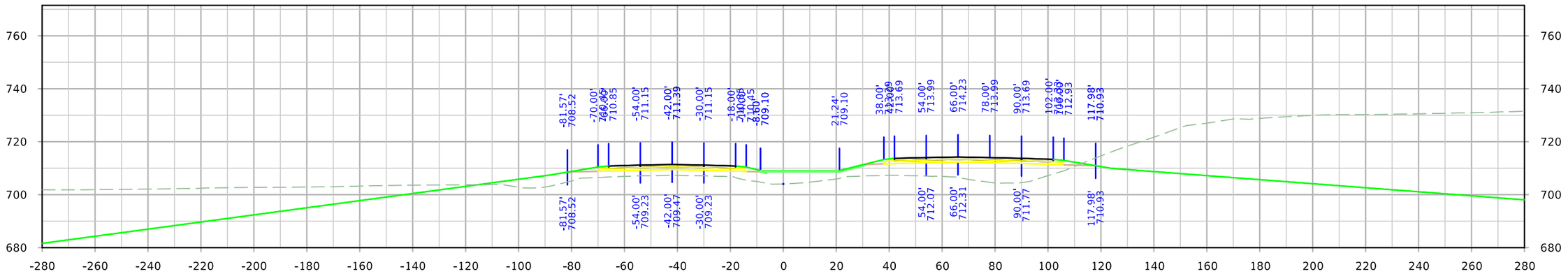
ML080



STA. 1230+50.00



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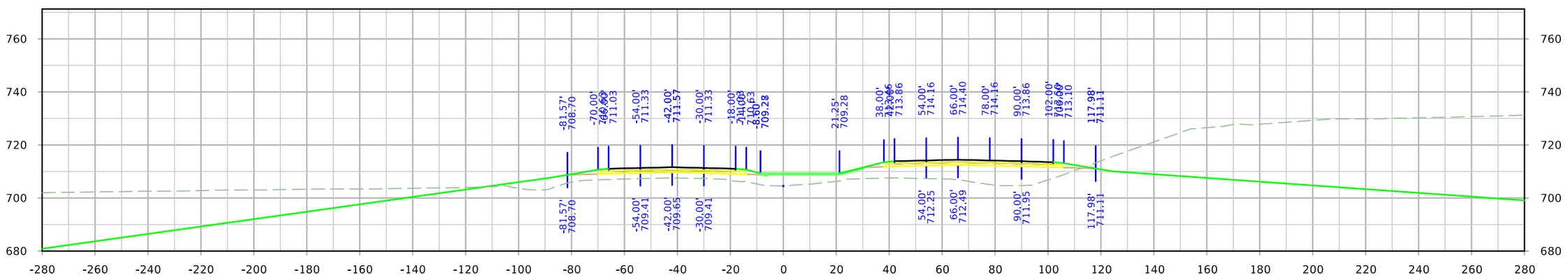

STA. 1229+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.28

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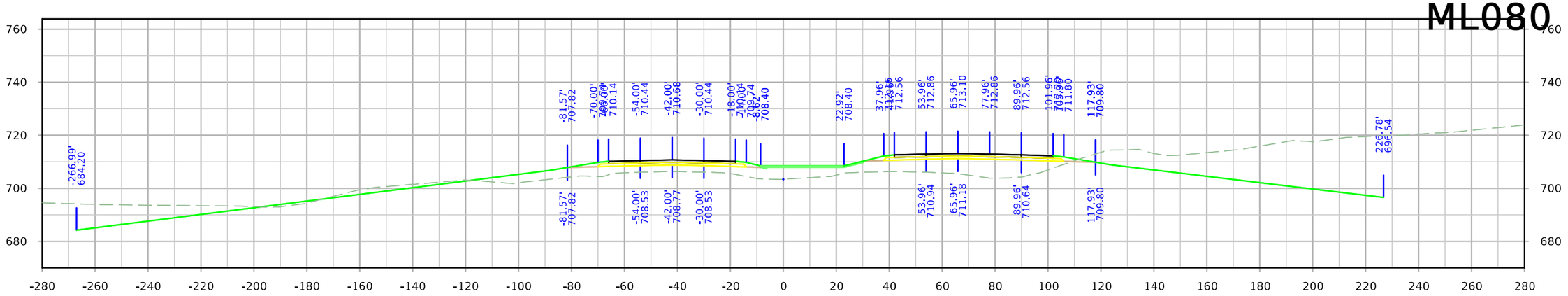
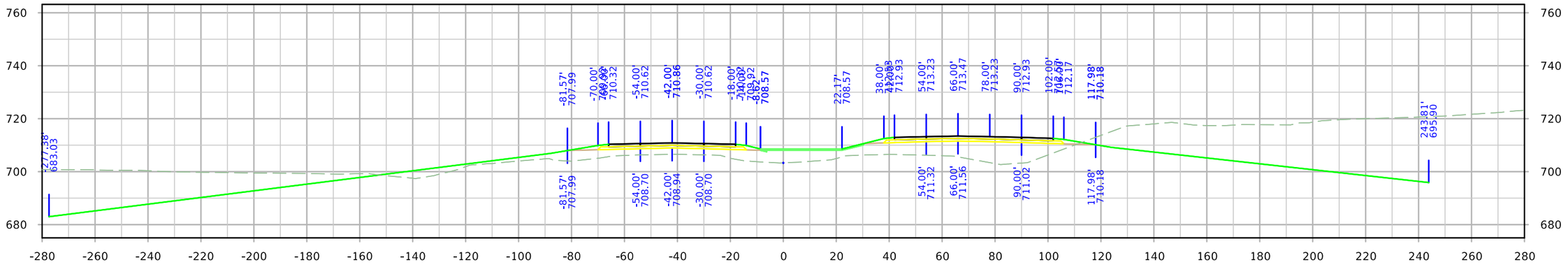
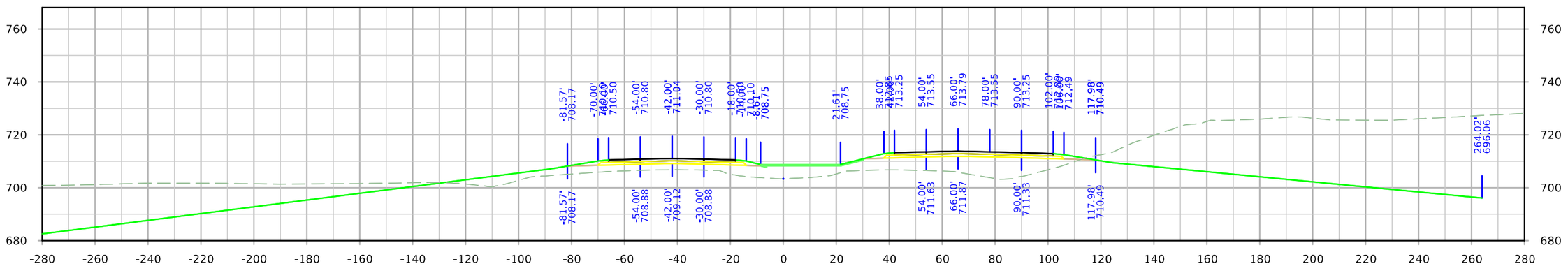


STA. 1232+00.00



STA. 1231+50.00



STA. 1231+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.29

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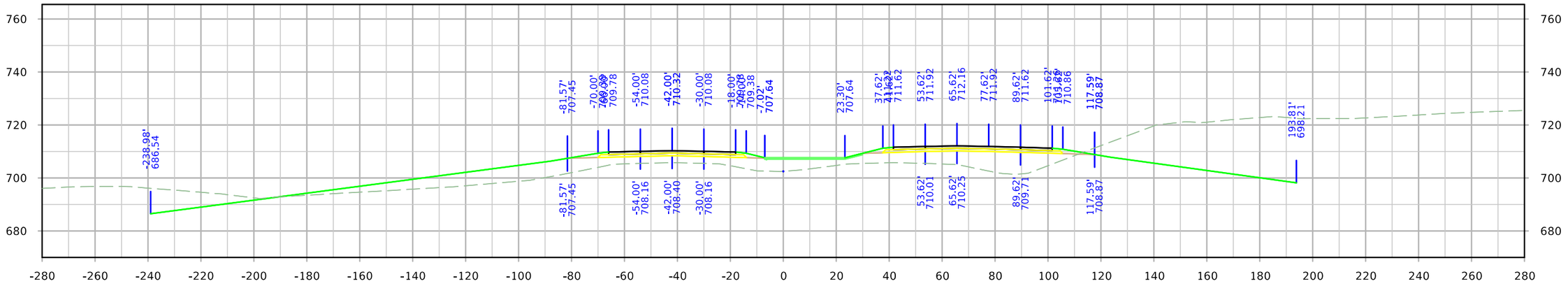
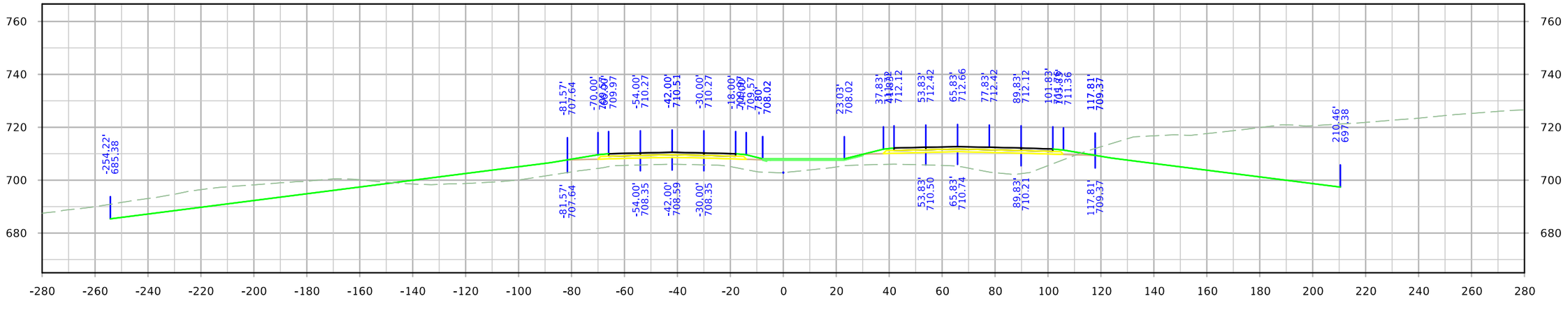


STA. 1233+00.00



STA. 1232+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.30	

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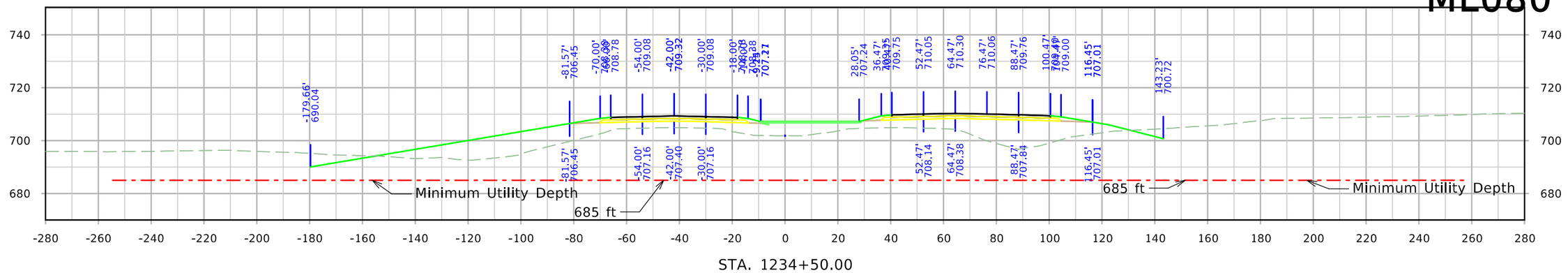
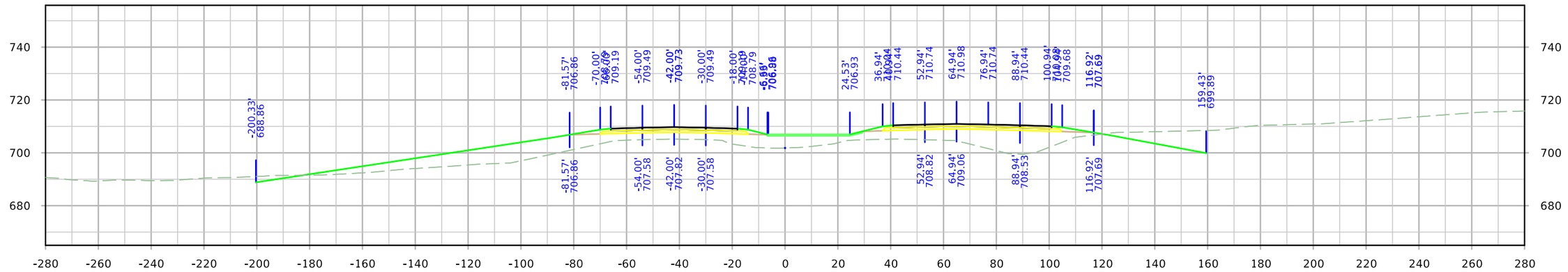
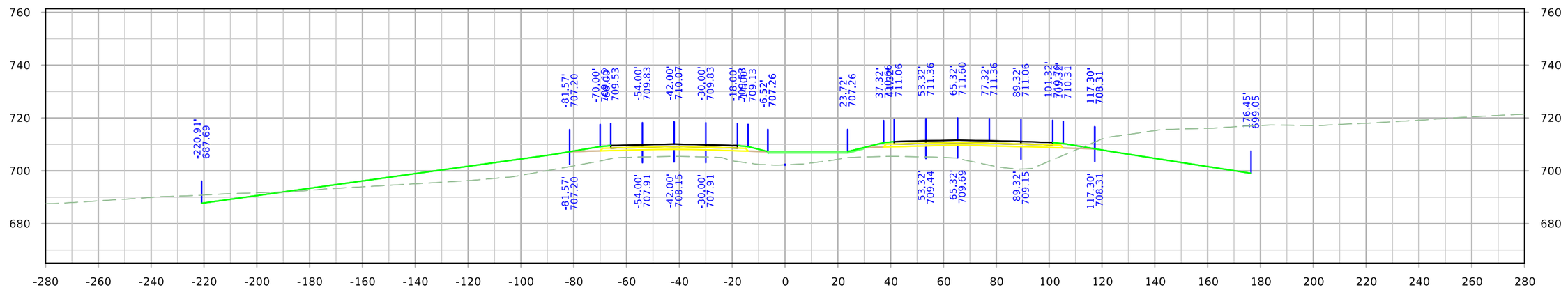


STA. 1234+50.00



STA. 1234+00.00



STA. 1233+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.31

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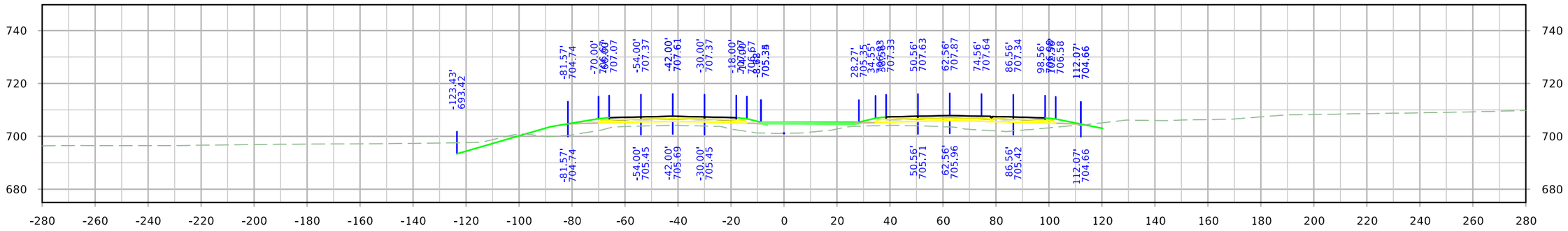
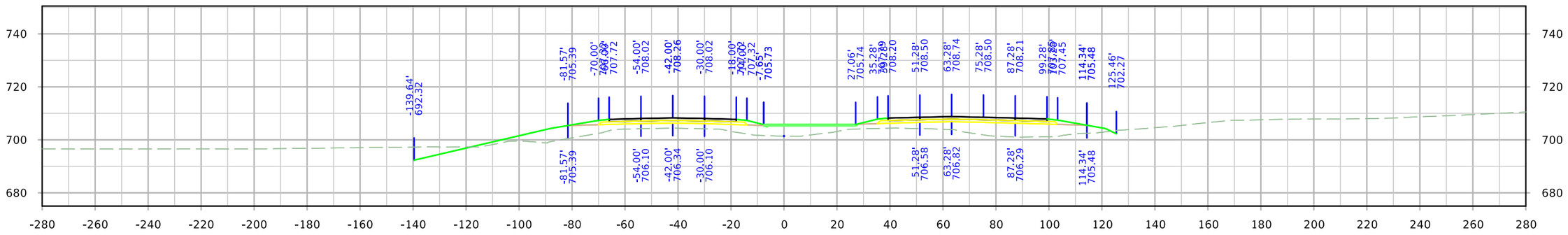
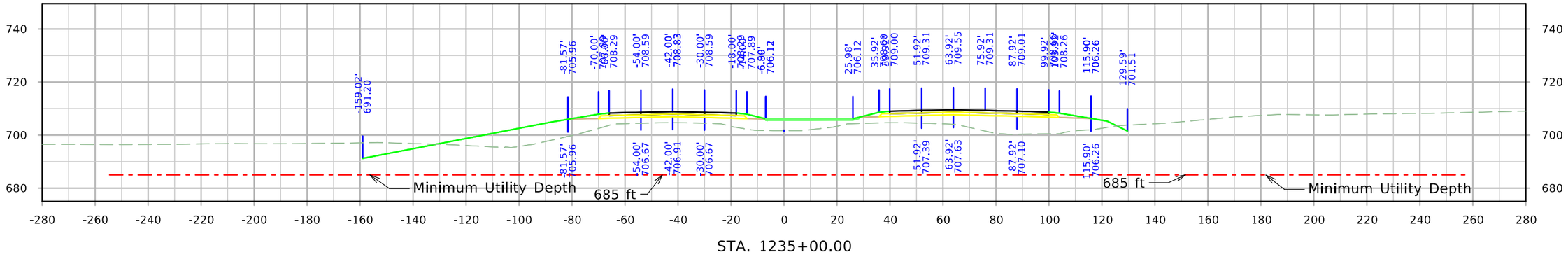
ML080



STA. 1236+00.00



STA. 1235+50.00



STA. 1235+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.32

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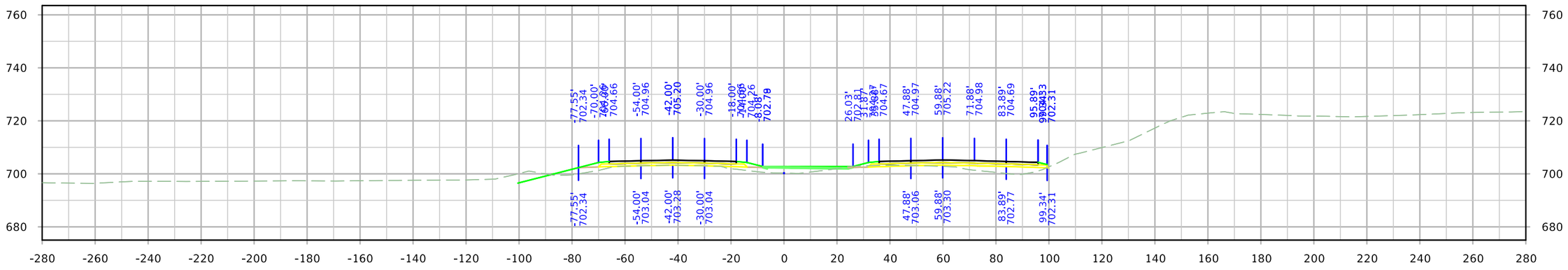
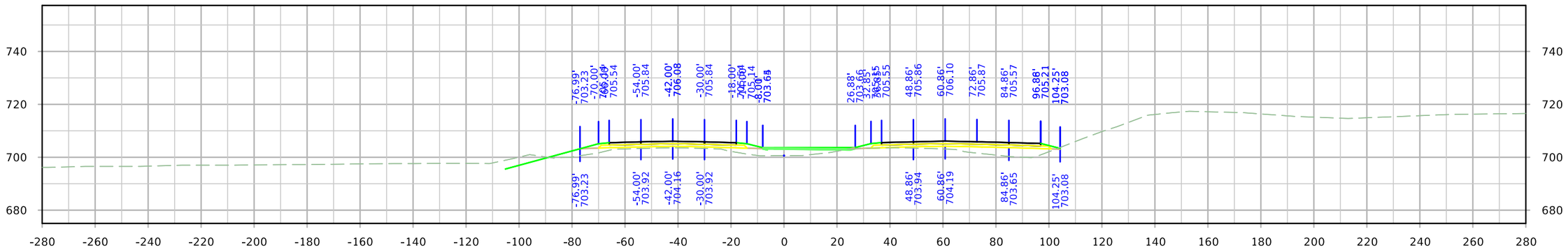
ML080



STA. 1237+50.00



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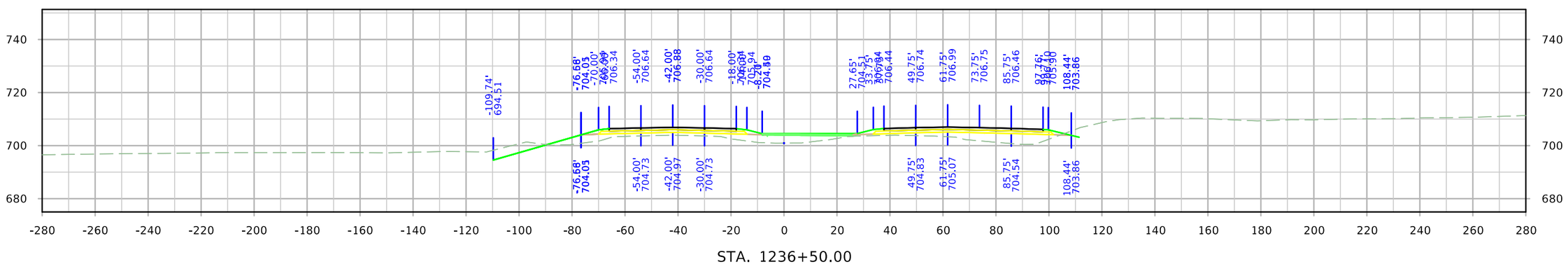

STA. 1236+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.33

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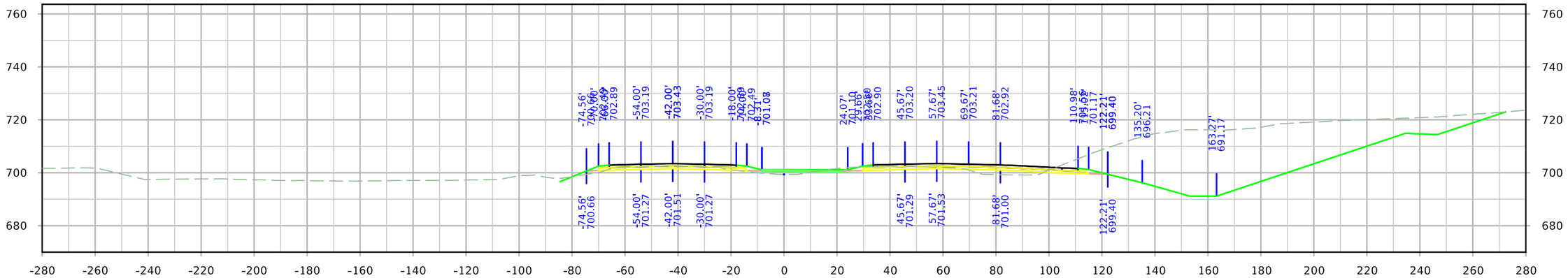
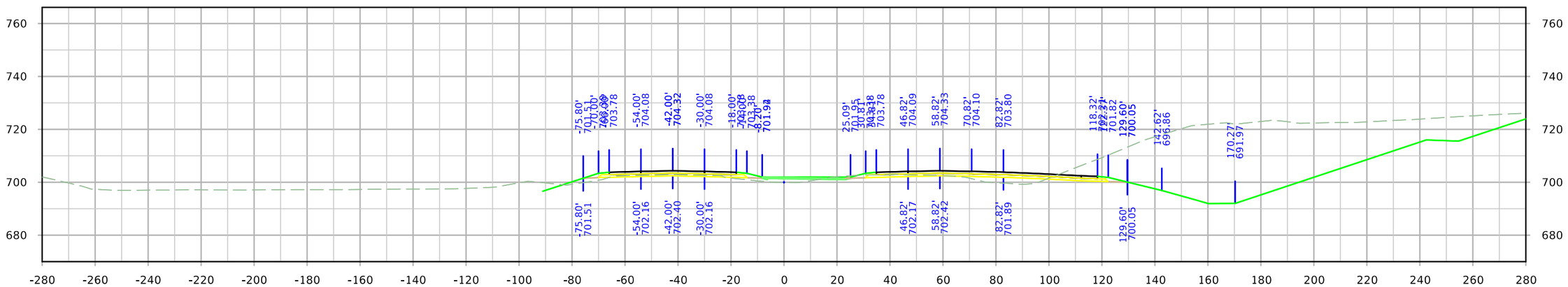
ML080



STA. 1238+50.00



STA. 1238+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.34

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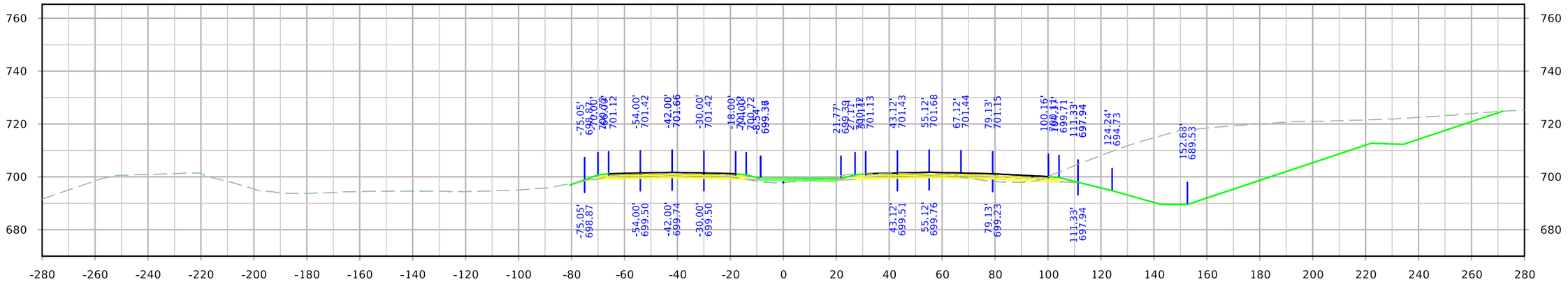
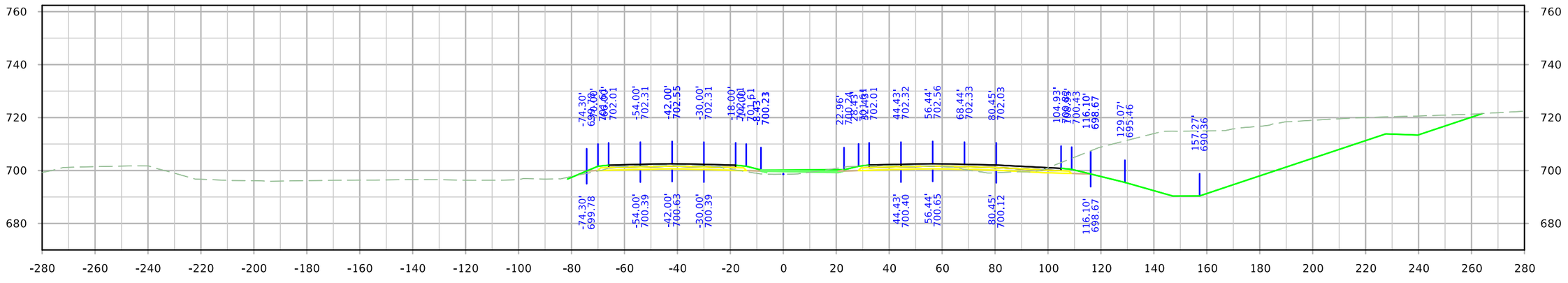
ML080



STA. 1239+50.00



STA. 1239+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.35

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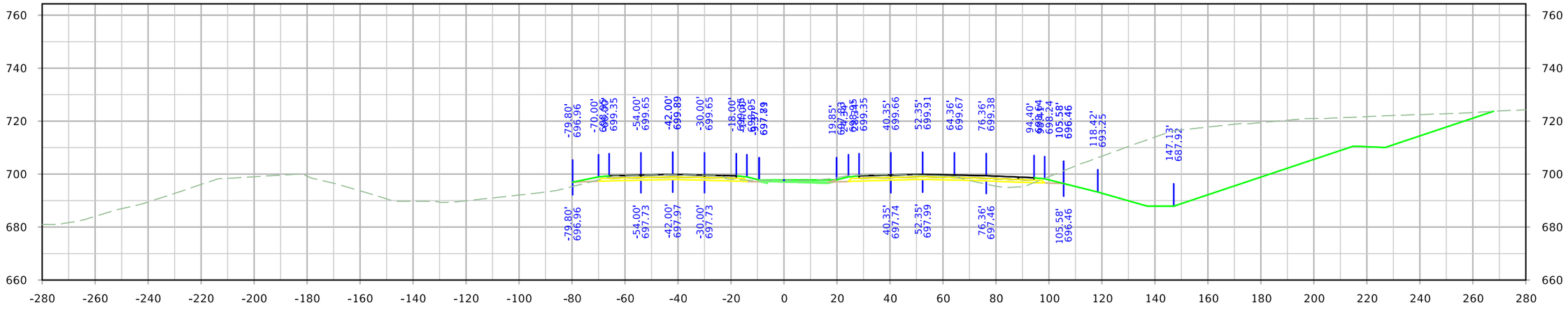
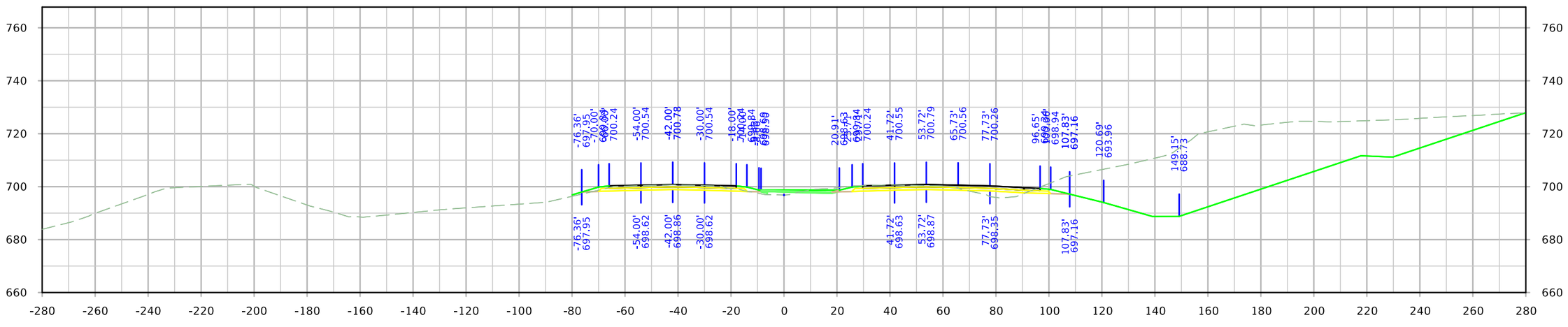
ML080



STA. 1240+50.00

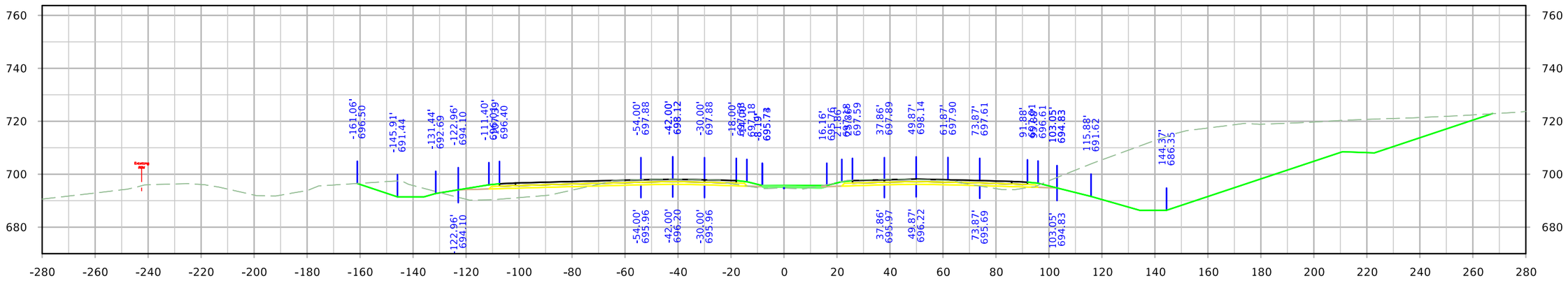


STA. 1240+00.00

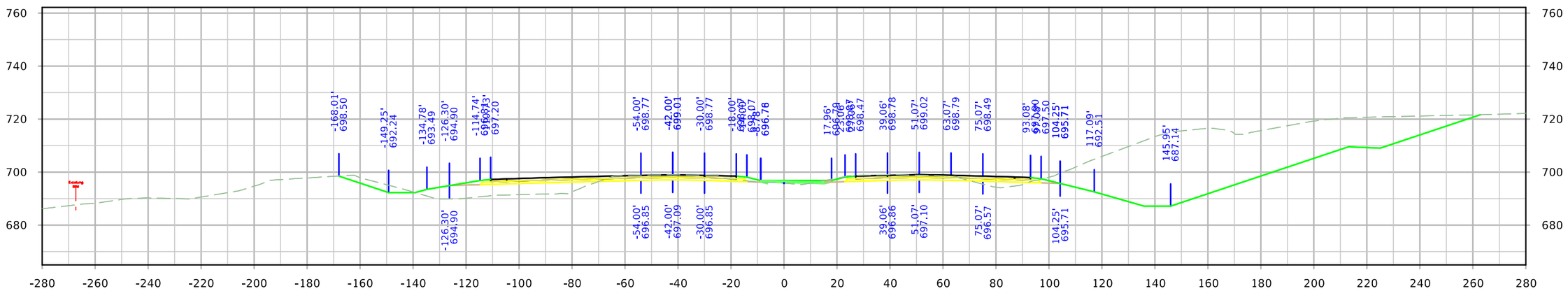
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.36

10:47:55 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

ML080



STA. 1241+50.00

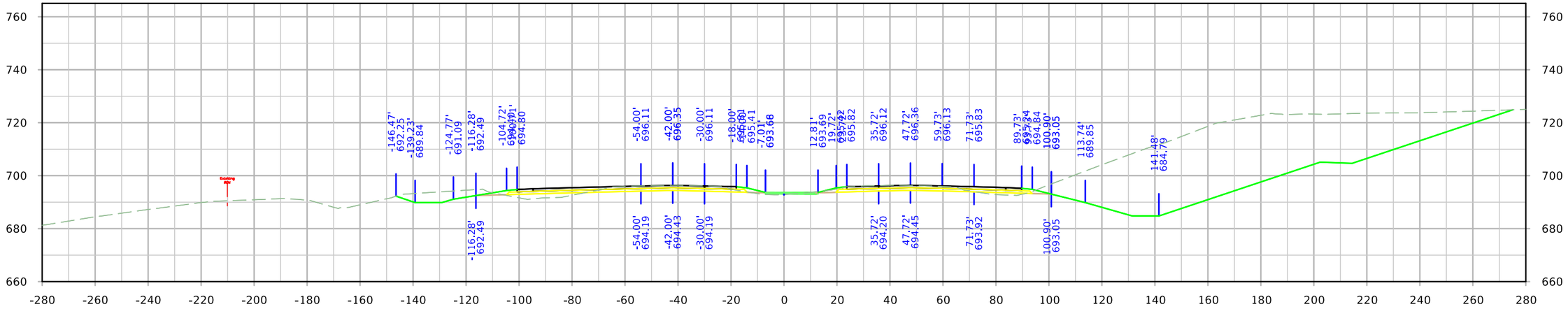


STA. 1241+00.00

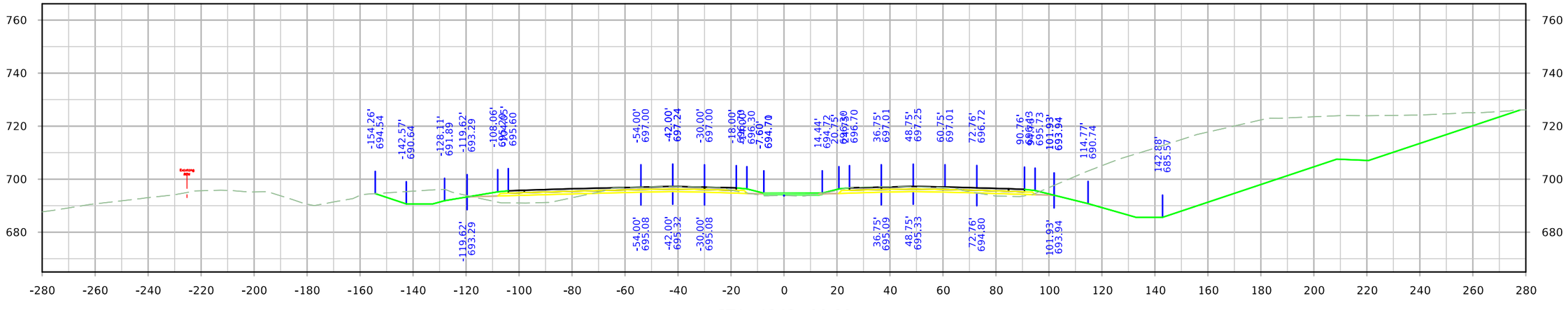
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.37

10:47:55 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

ML080



STA. 1242+50.00

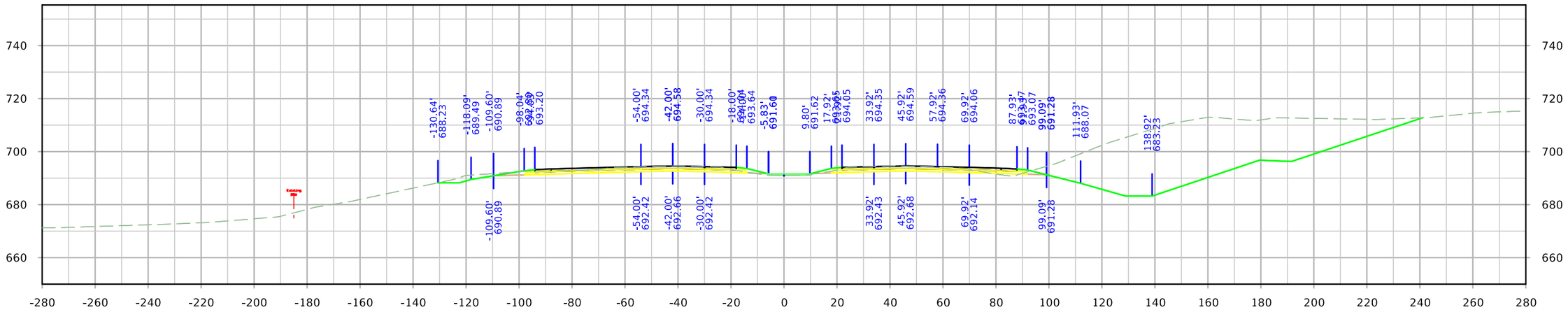


STA. 1242+00.00

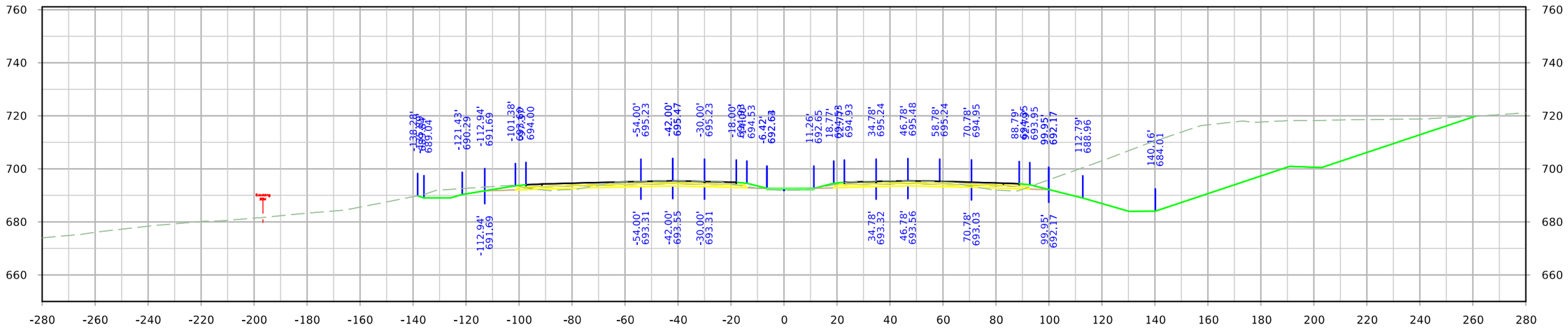
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.38	

10:47:56 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

ML080



STA. 1243+50.00

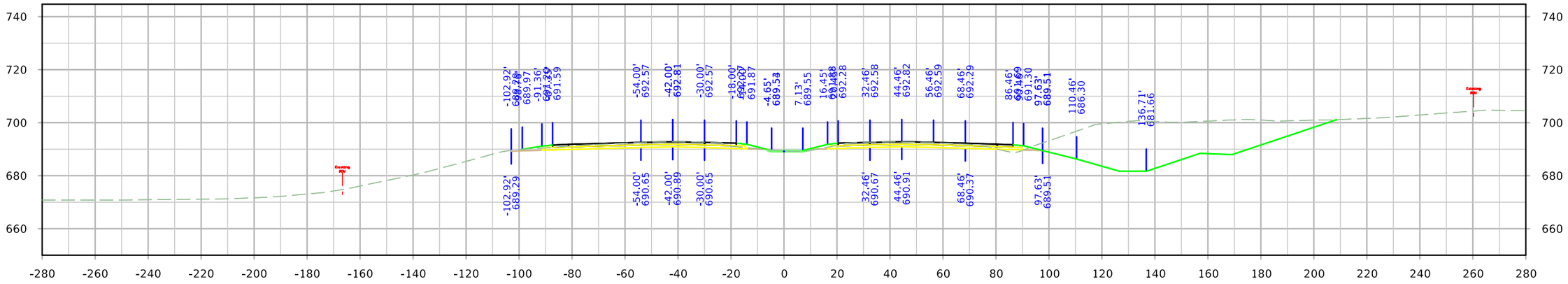


STA. 1243+00.00

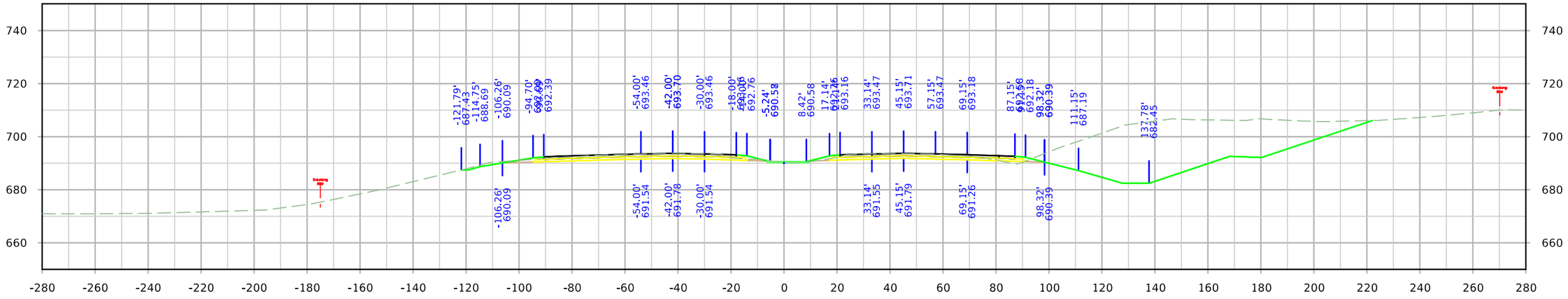
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.39

10:47:57 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

ML080



STA. 1244+50.00

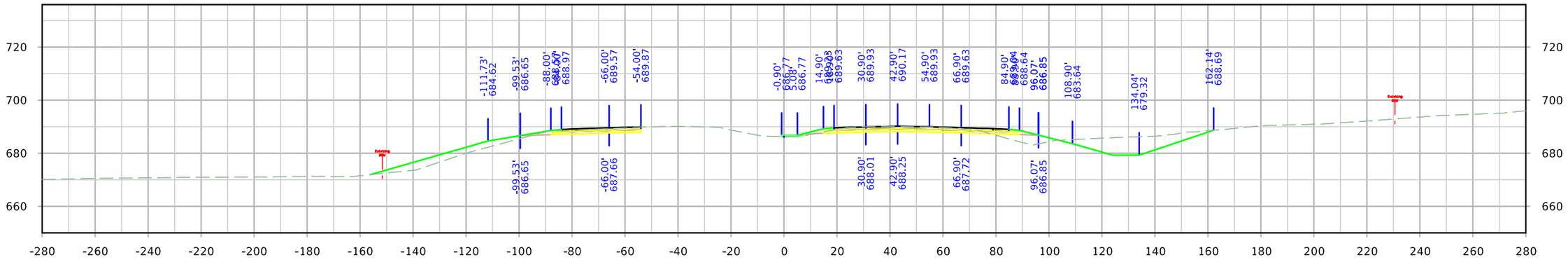


STA. 1244+00.00

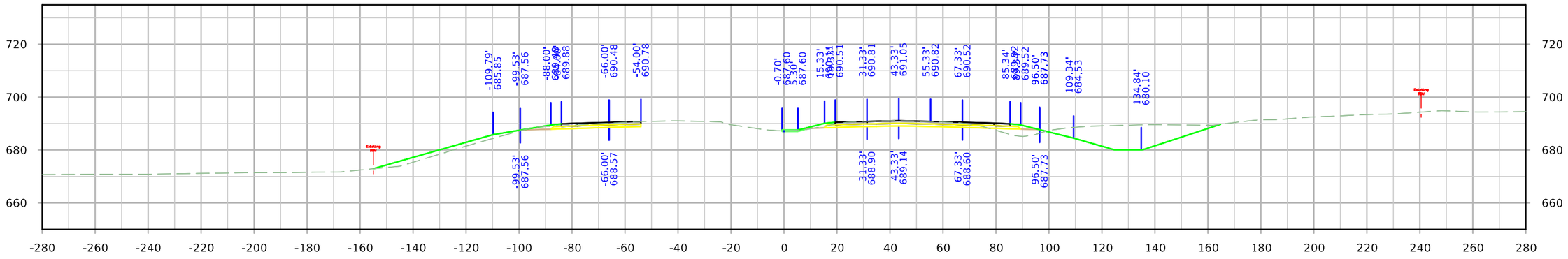
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.40

10:47:58 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

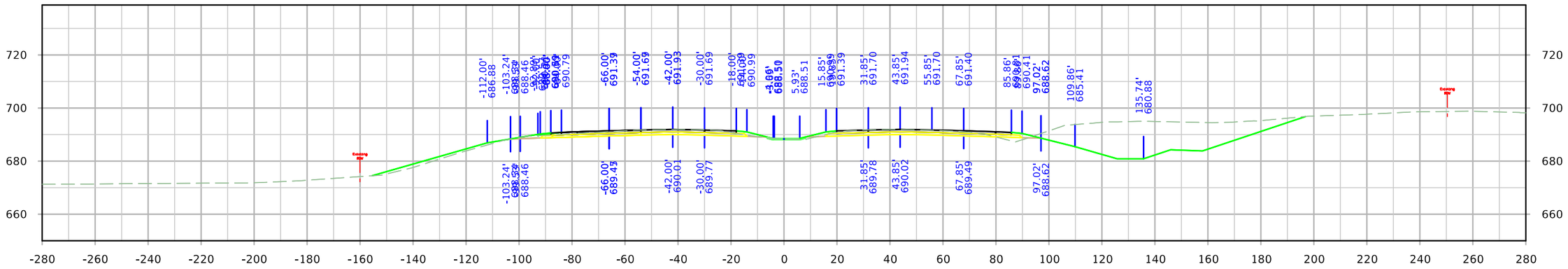
ML080



STA. 1246+00.00



STA. 1245+50.00

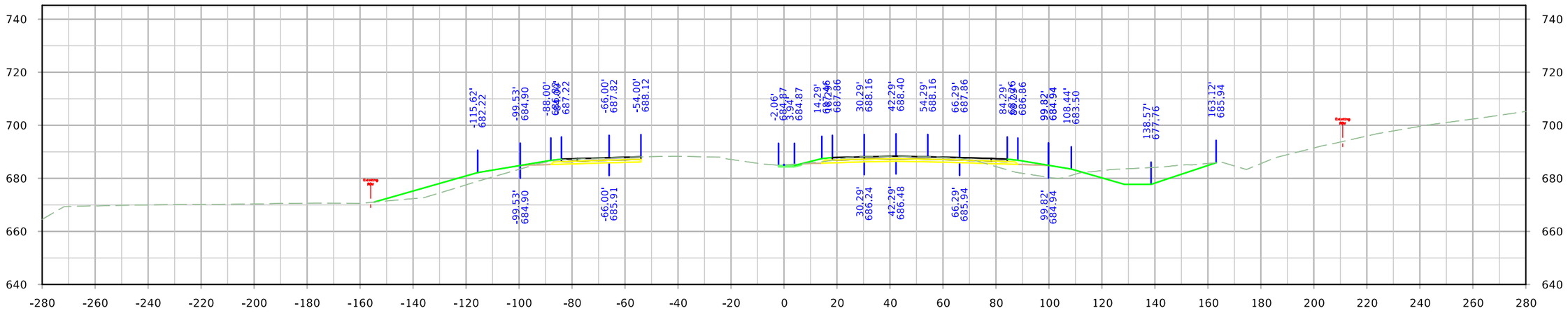


STA. 1245+00.00

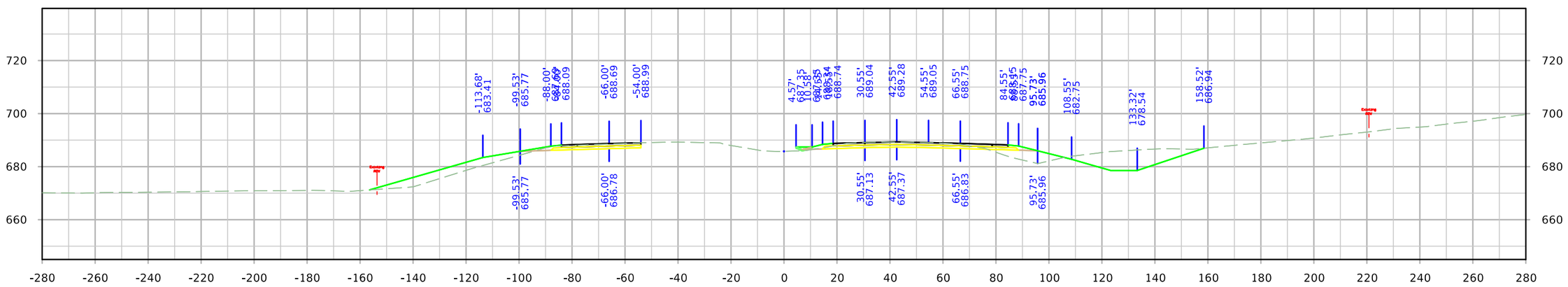
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.41	

10:47:59 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

ML080



STA. 1247+00.00

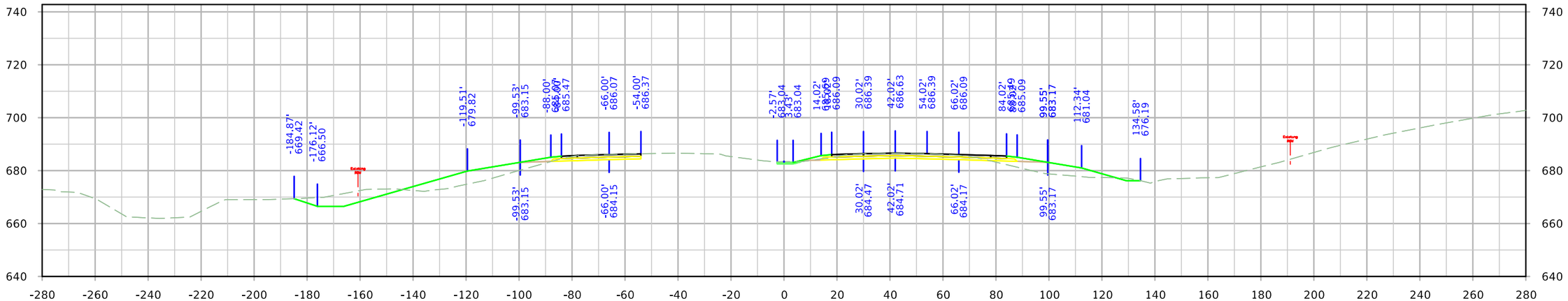


STA. 1246+50.00

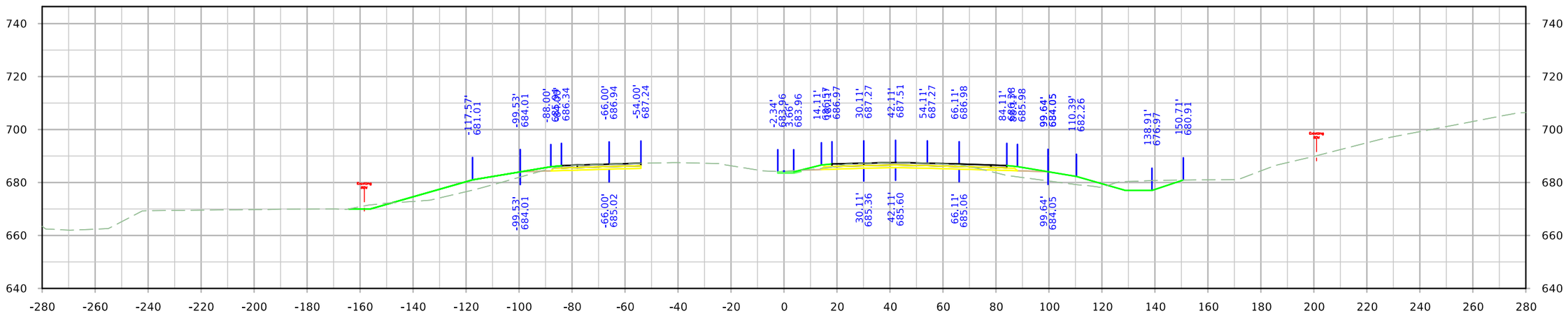
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.42

10:48:00 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

ML080



STA. 1248+00.00

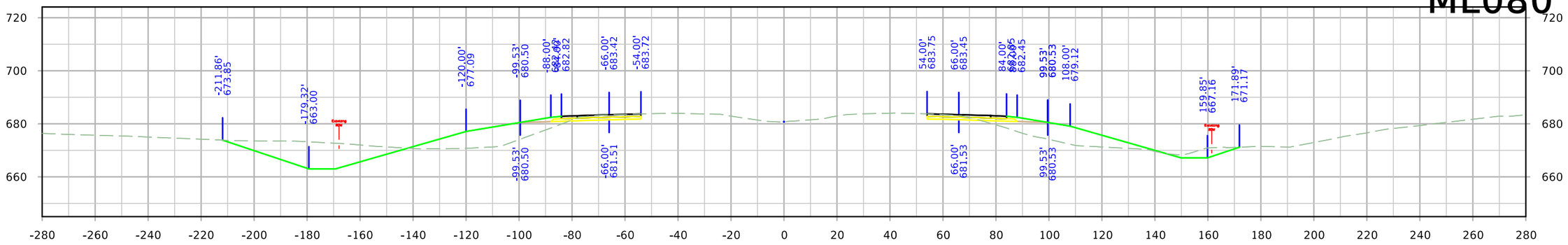


STA. 1247+50.00

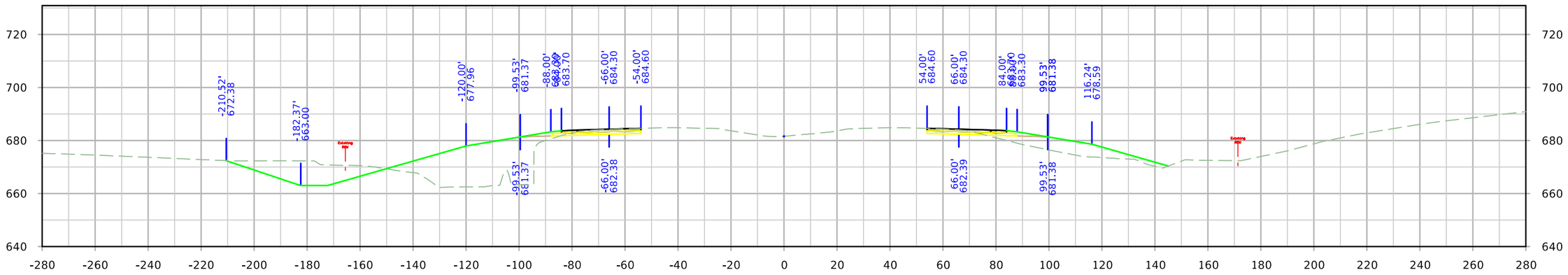
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.43	

10:48:01 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

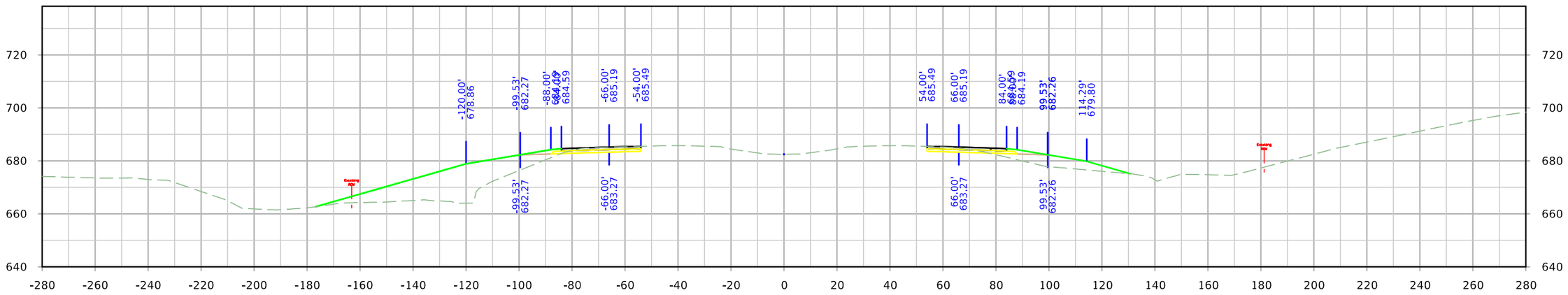
ML080



STA. 1249+50.00



STA. 1249+00.00

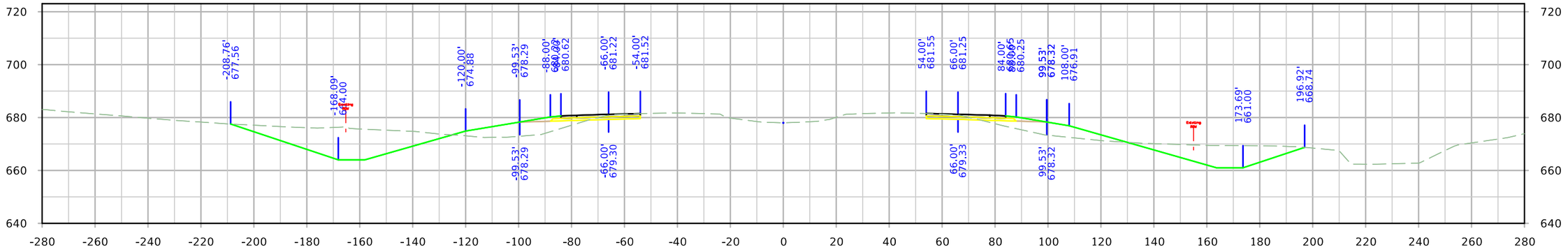


STA. 1248+50.00

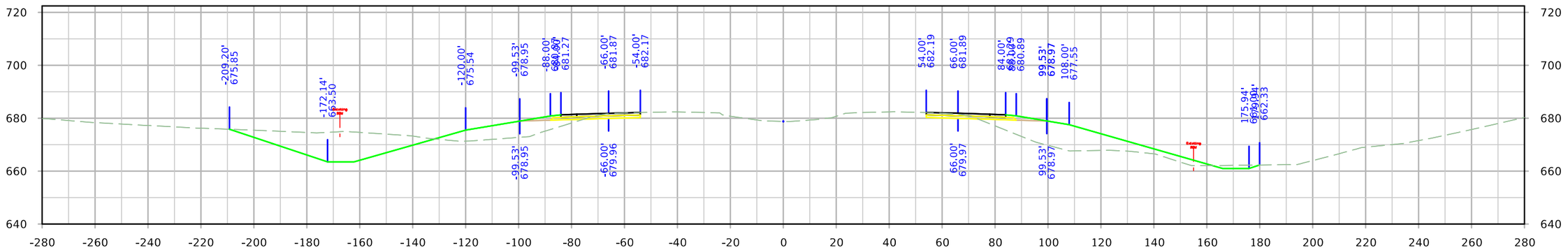
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.44	

10:48:02 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

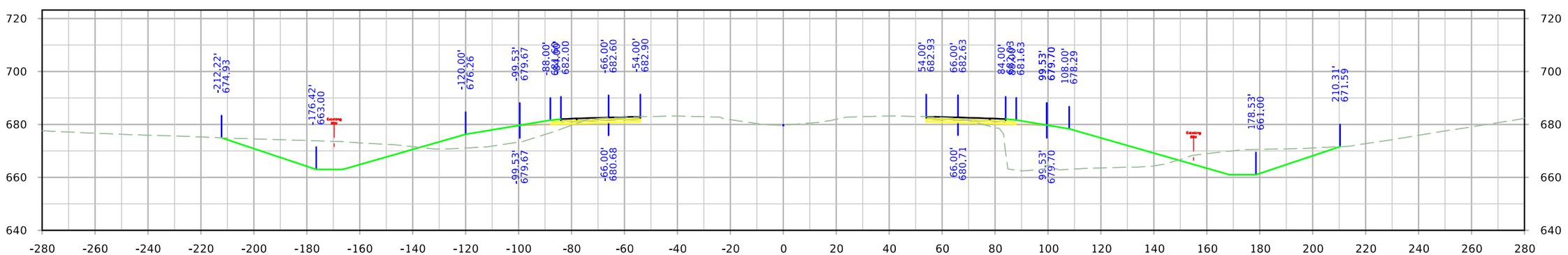
ML080



STA. 1251+00.00



STA. 1250+50.00

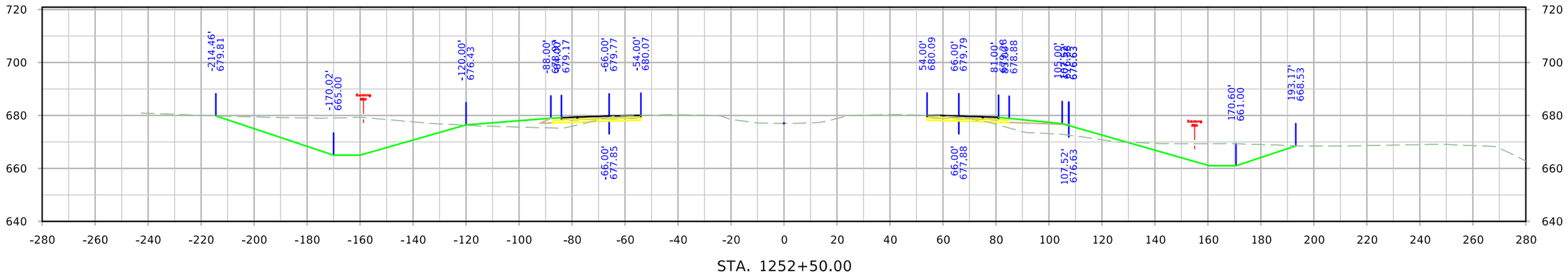


STA. 1250+00.00

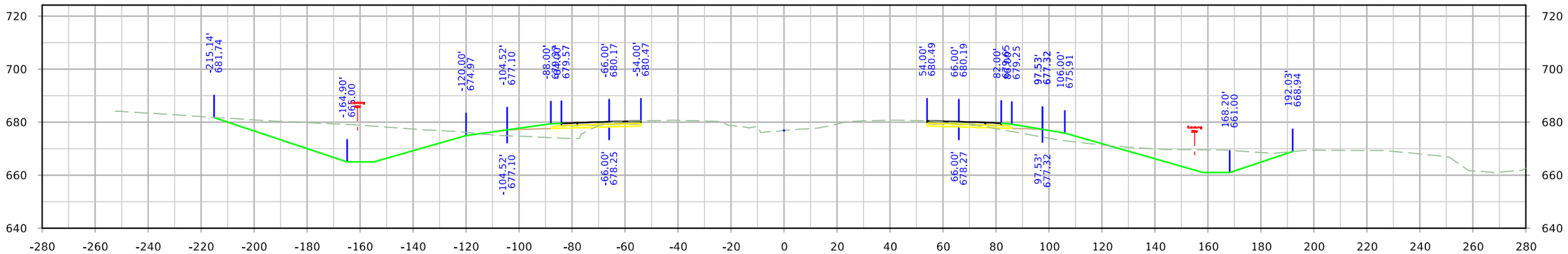
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.45

10:48:03 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

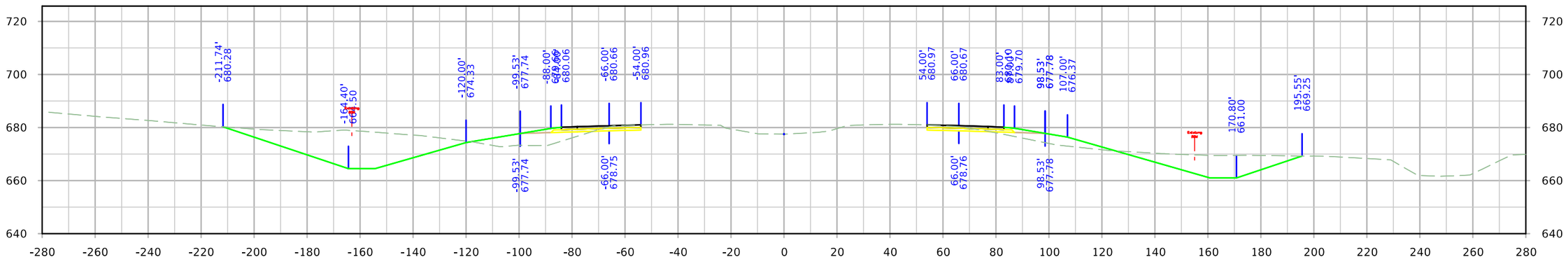
ML080



STA. 1252+50.00



STA. 1252+00.00

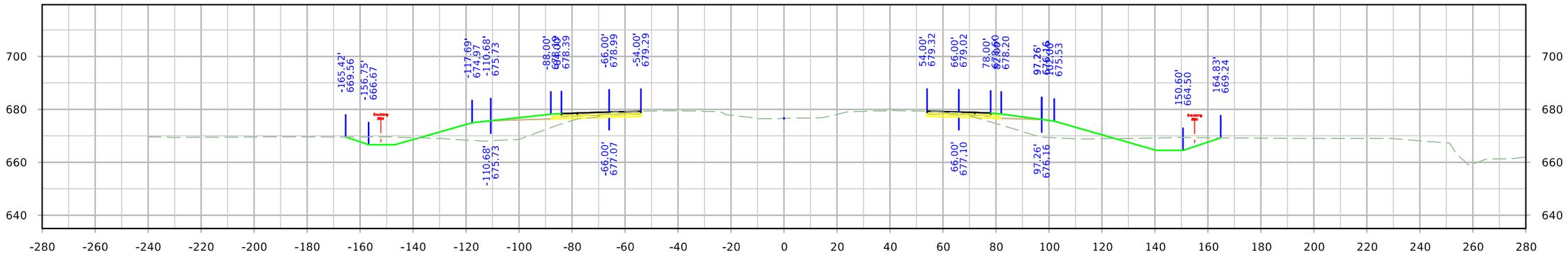


STA. 1251+50.00

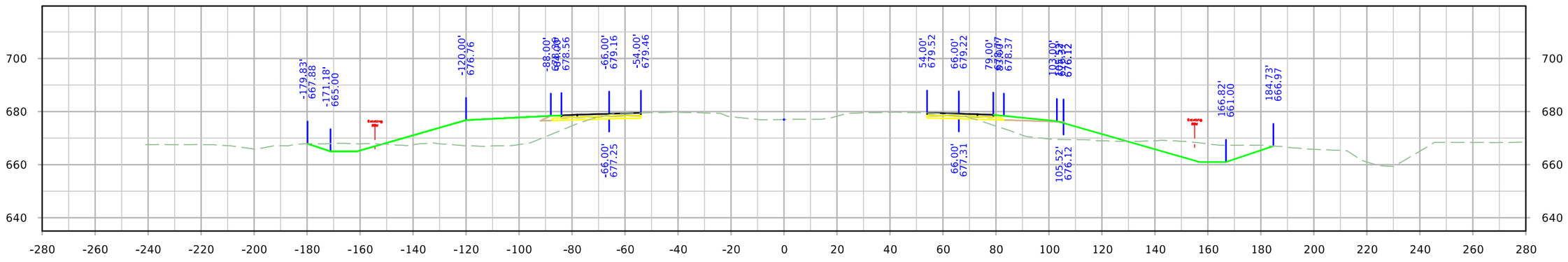
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.46	

10:48:04 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

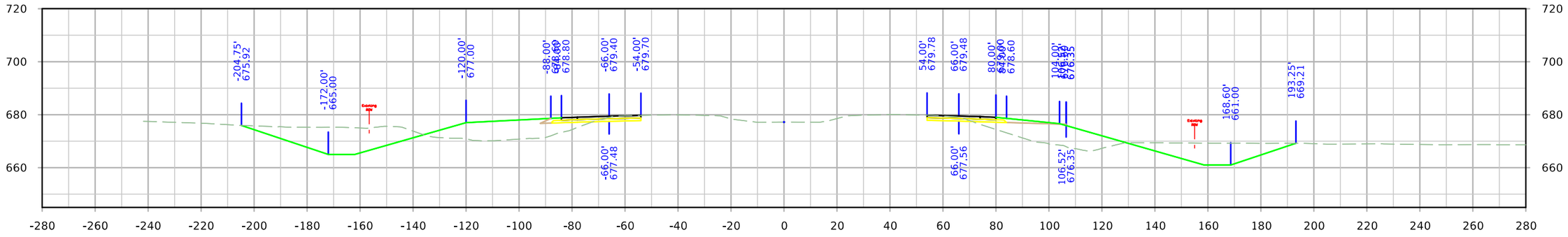
ML080



STA. 1254+00.00



STA. 1253+50.00

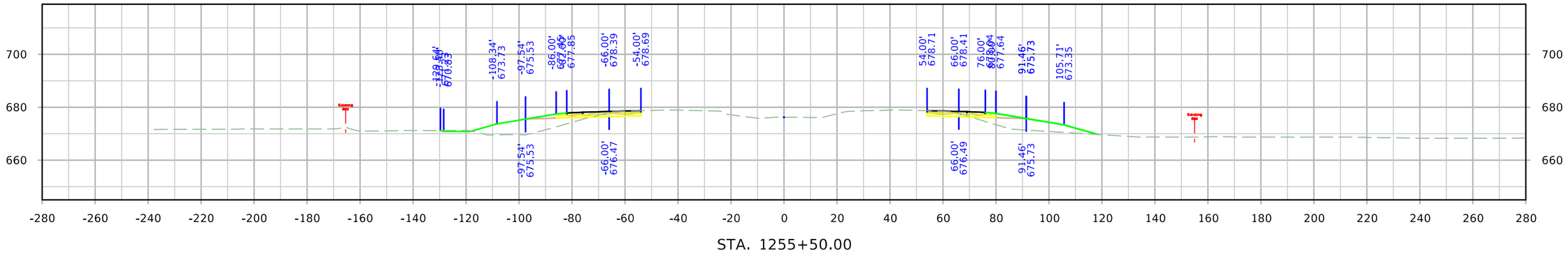


STA. 1253+00.00

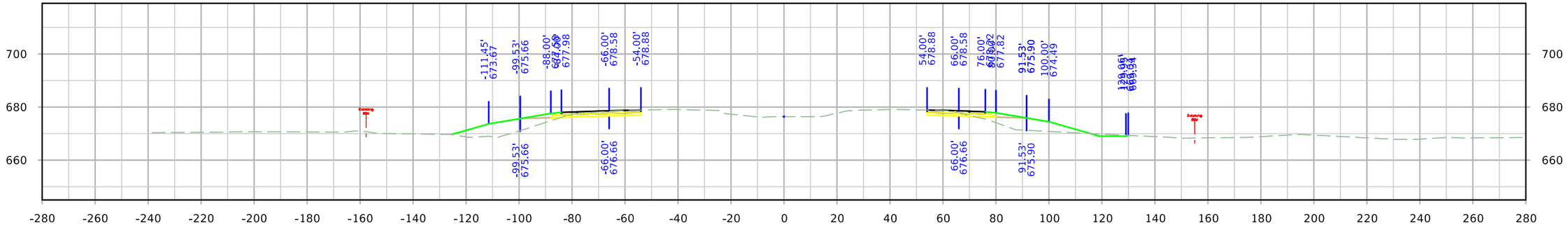
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.47

10:48:05 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

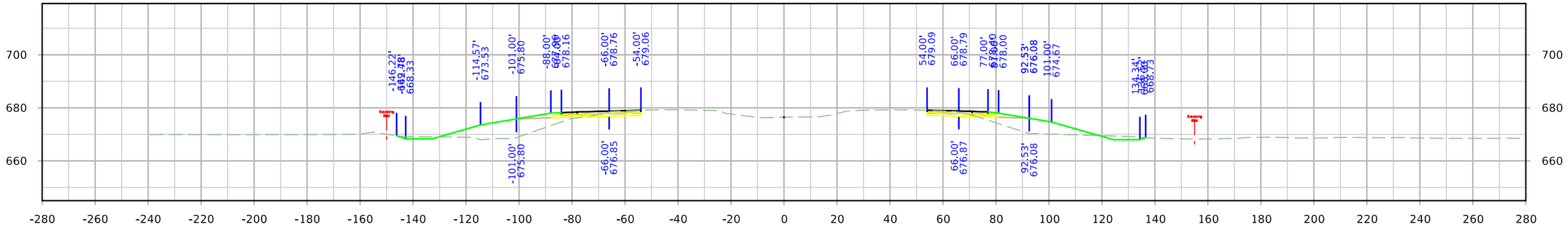
ML080



STA. 1255+50.00



STA. 1255+00.00



STA. 1254+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.48

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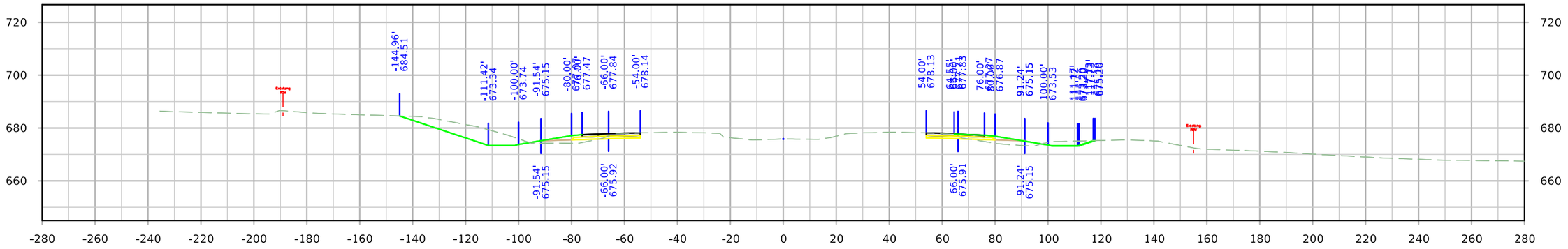
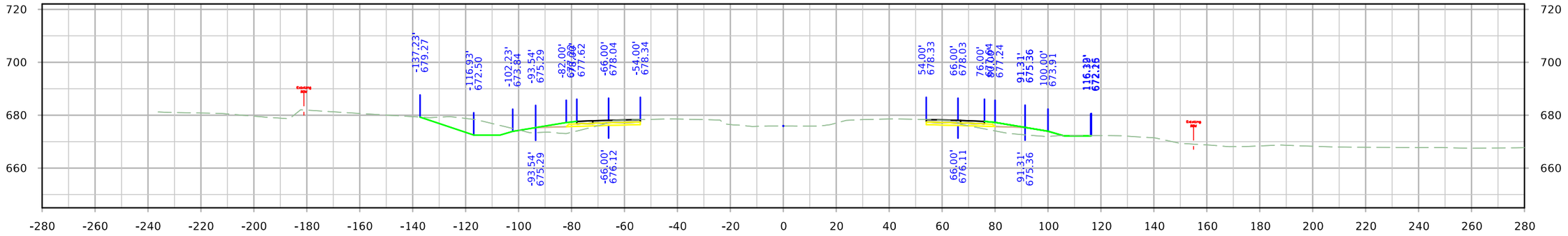
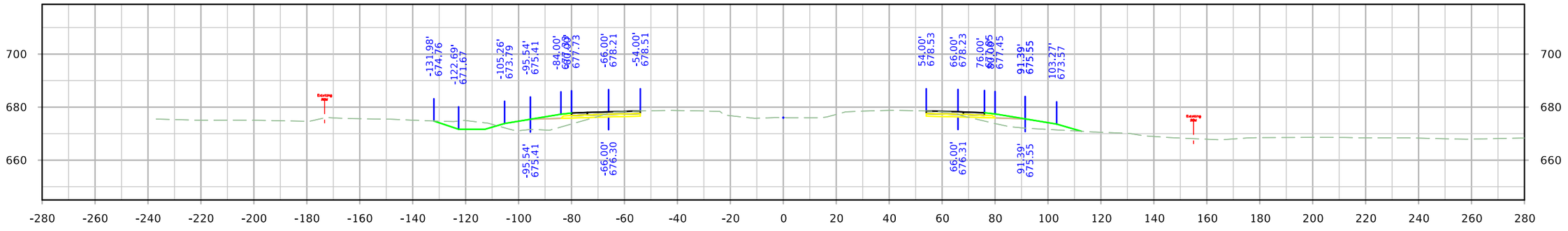
ML080



STA. 1257+00.00



STA. 1256+50.00

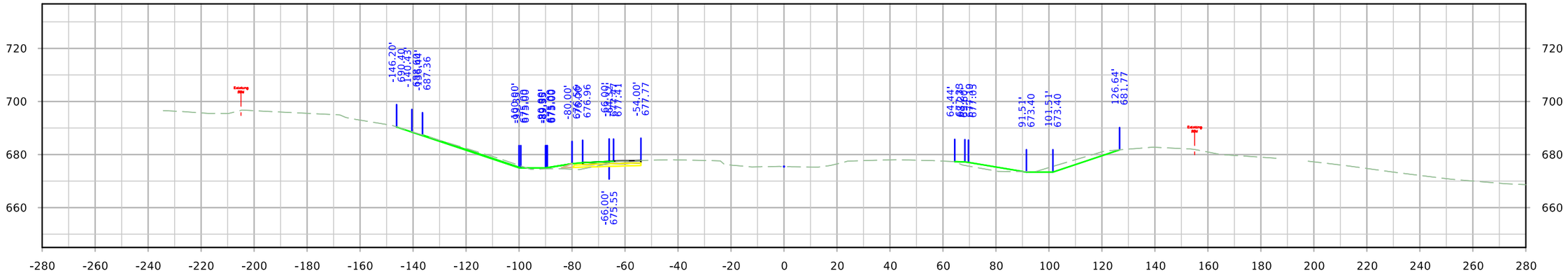


STA. 1256+00.00

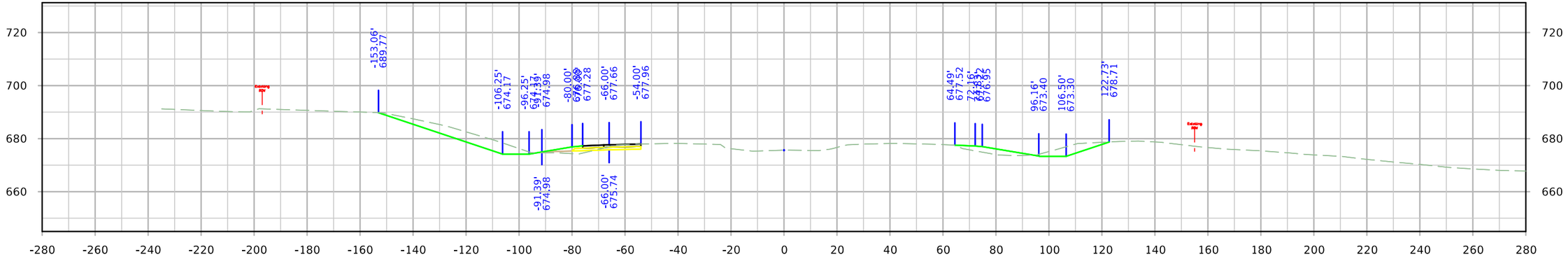
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.49	

10:48:07 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

ML080



STA. 1258+00.00

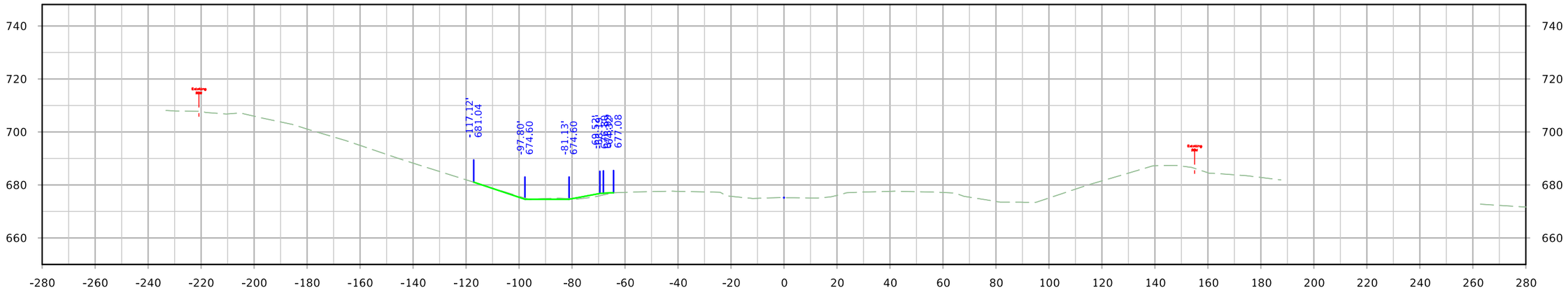


STA. 1257+50.00

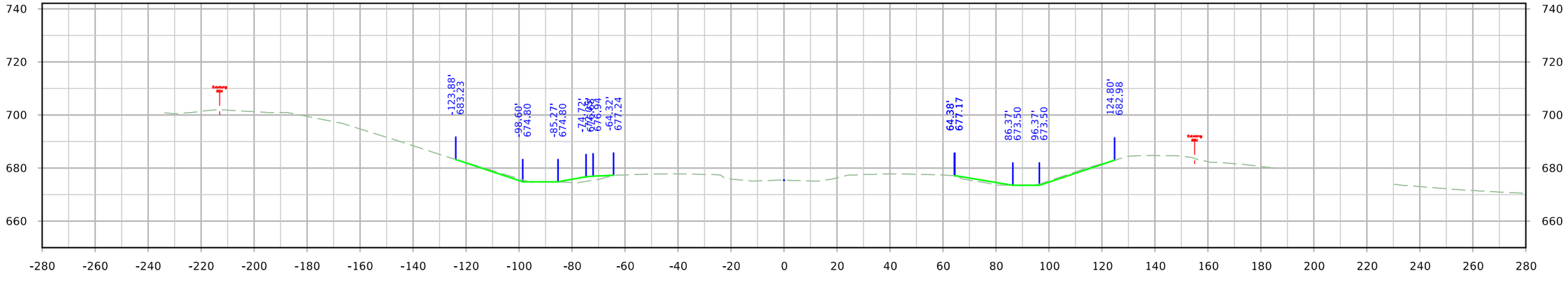
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.50

10:48:08 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

ML080



STA. 1259+00.00

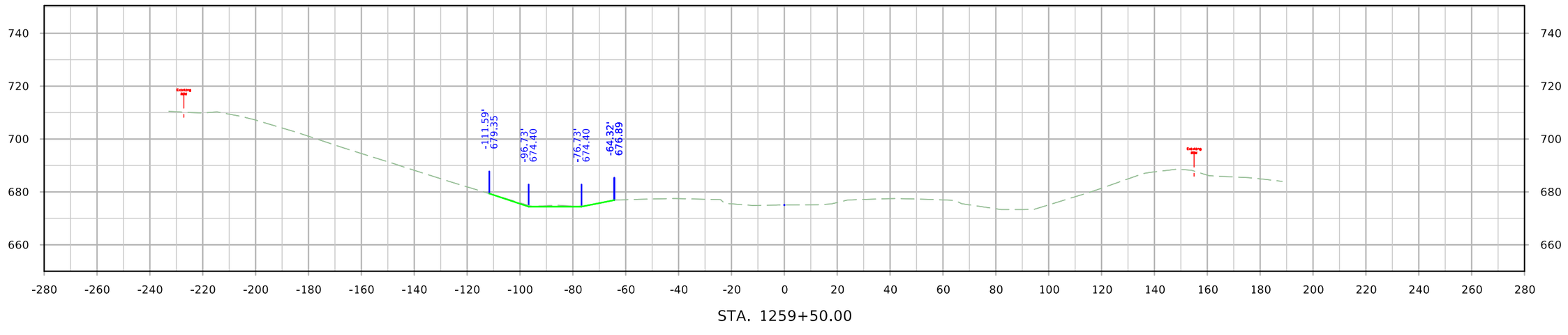


STA. 1258+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.51

10:48:09 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

ML080

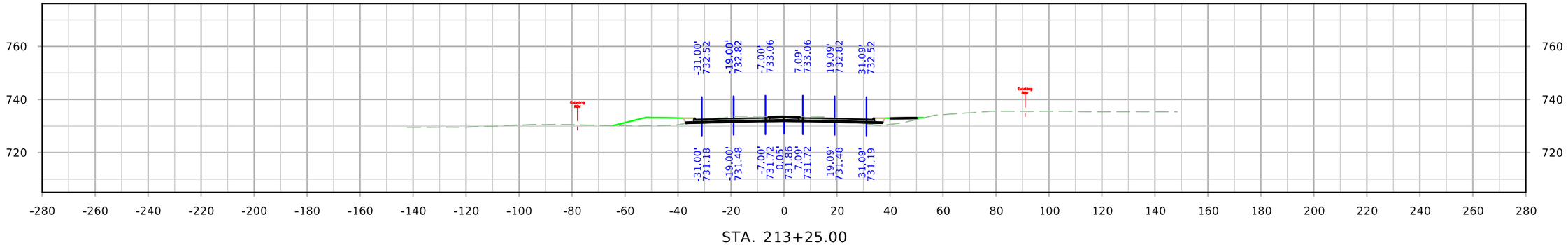


STA. 1259+50.00

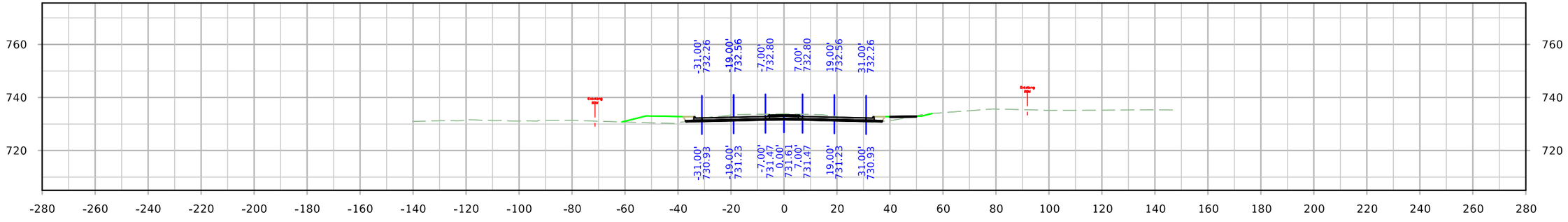
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER W.52	

10:48:10 AM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_W_East.dgn

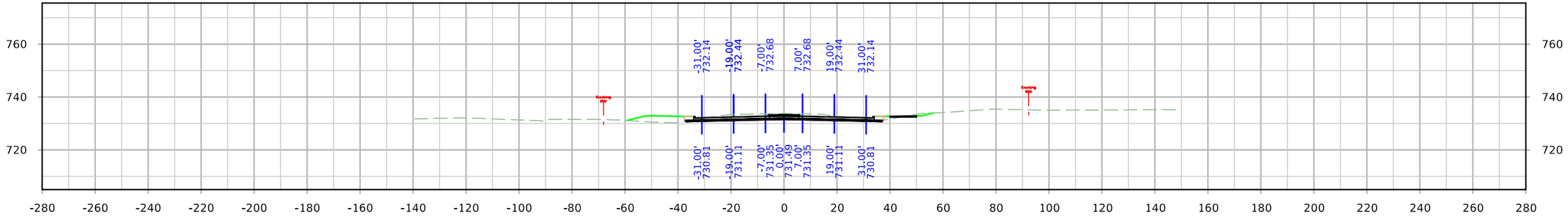
SRMIDDLE



STA. 213+25.00



STA. 213+00.00

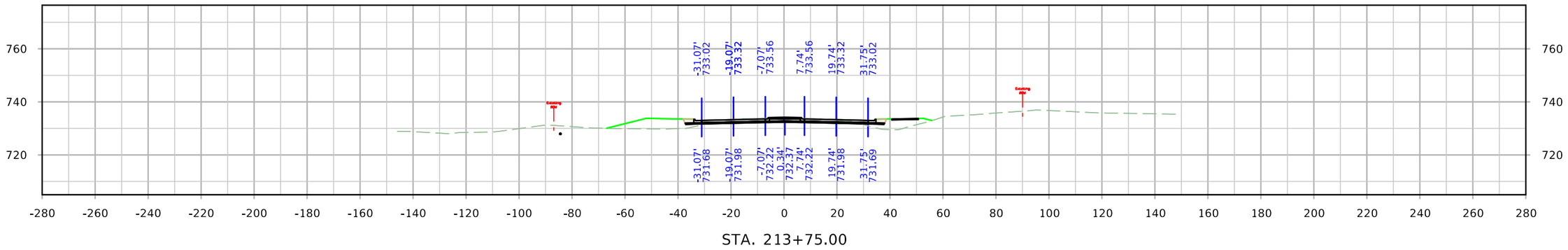


STA. 212+88.00

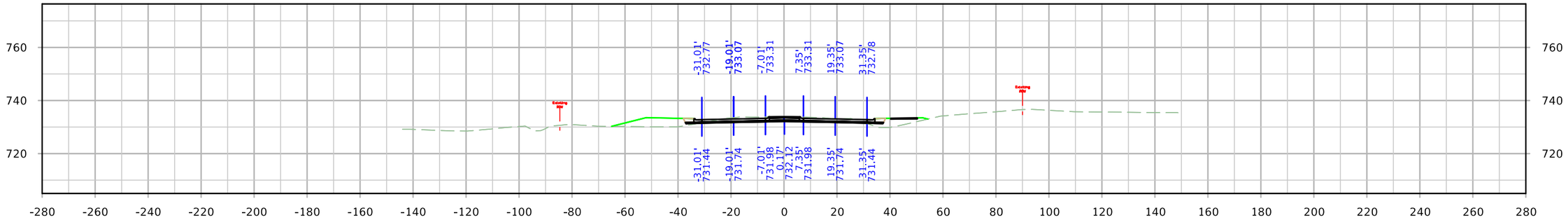
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.1

3:25:02 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

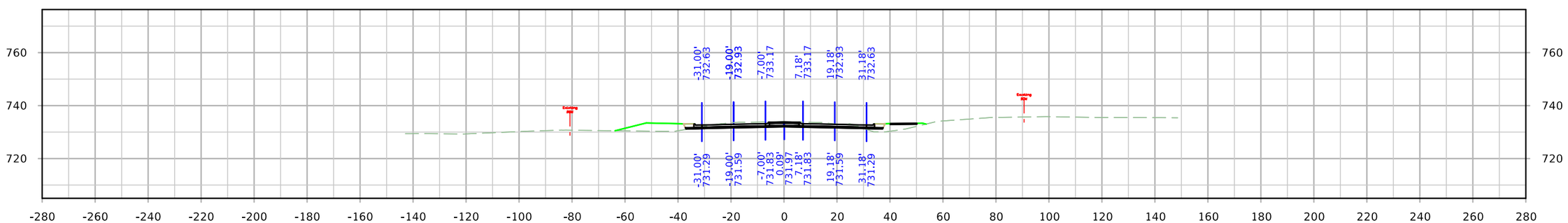
SRMIDDLE



STA. 213+75.00



STA. 213+50.00

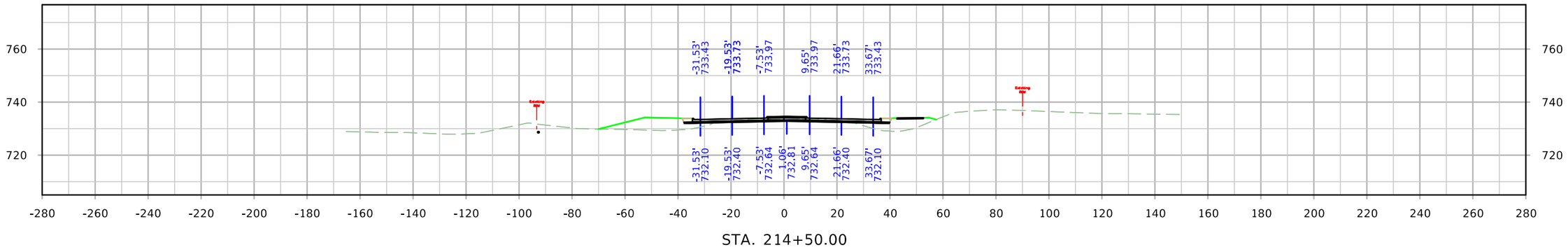


STA. 213+35.62

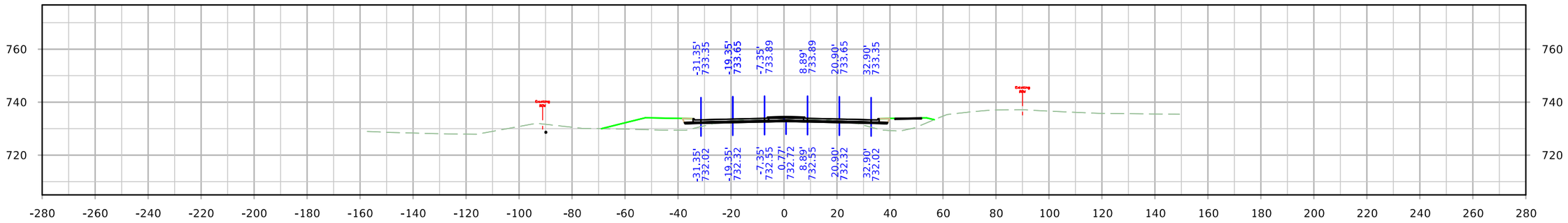
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.2

3:25:03 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

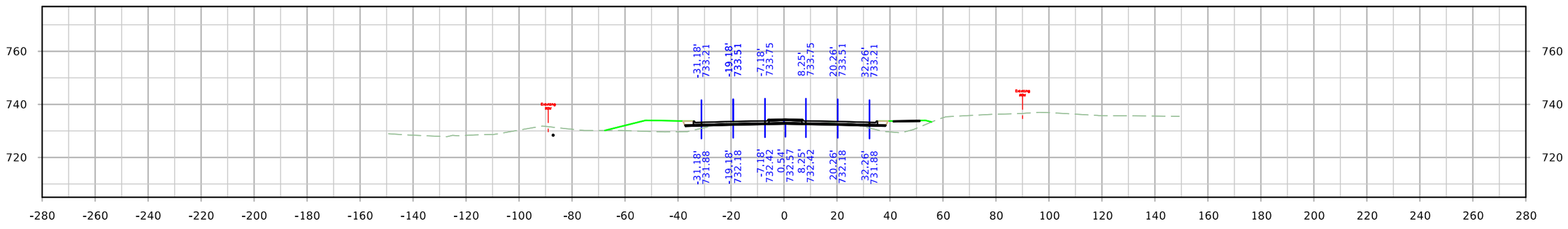
SRMIDDLE



STA. 214+50.00



STA. 214+25.00

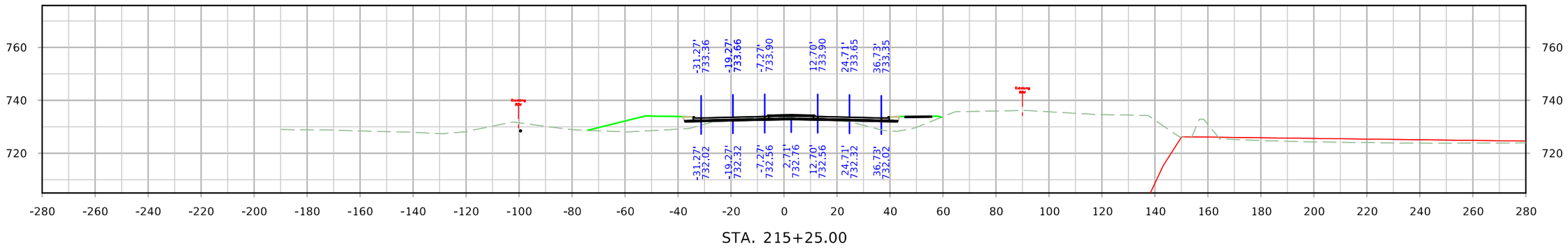


STA. 214+00.00

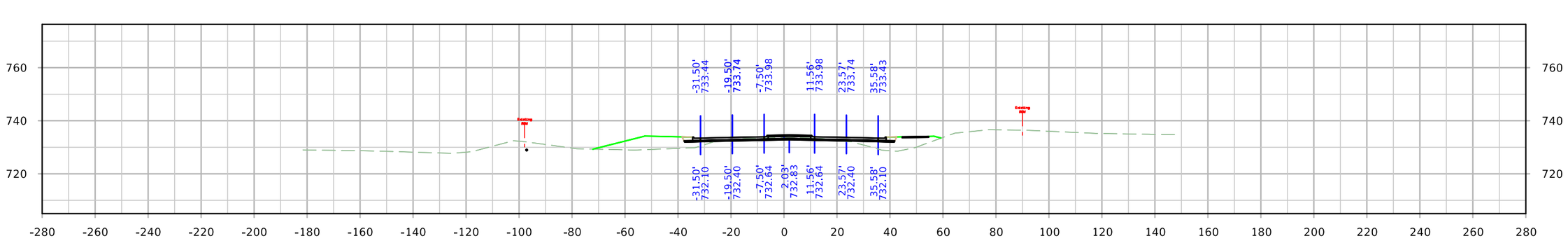
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.3

3:25:04 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

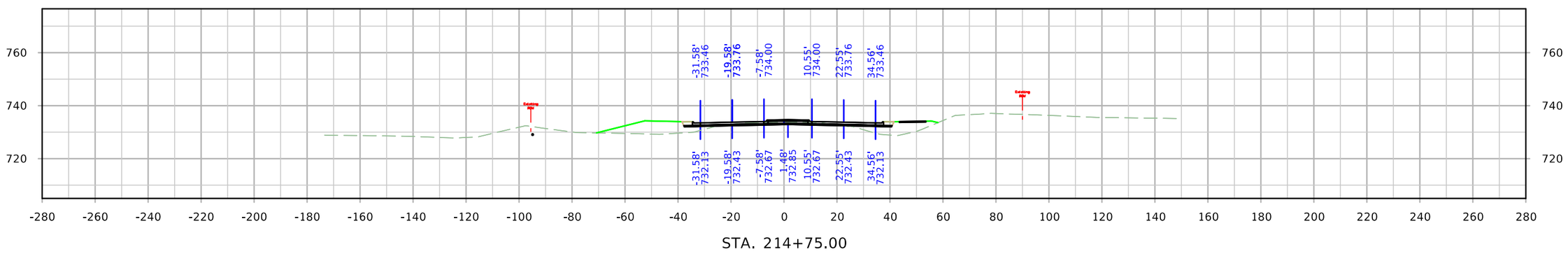
SRMIDDLE



STA. 215+25.00



STA. 215+00.00

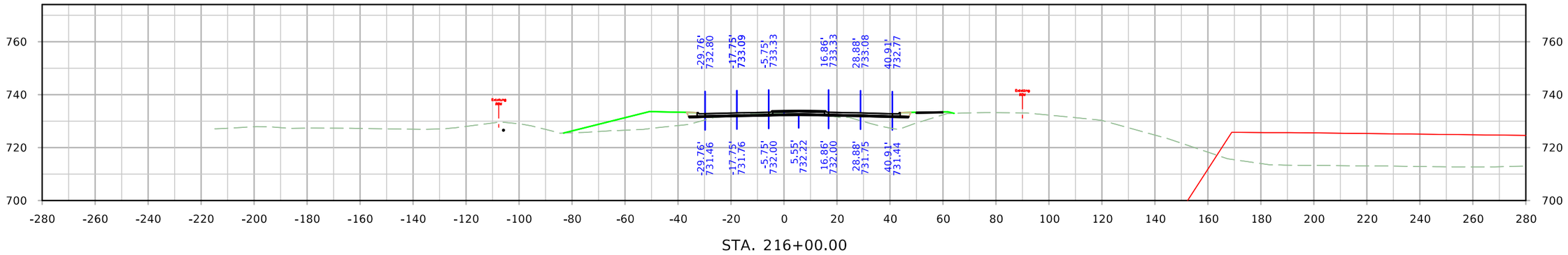


STA. 214+75.00

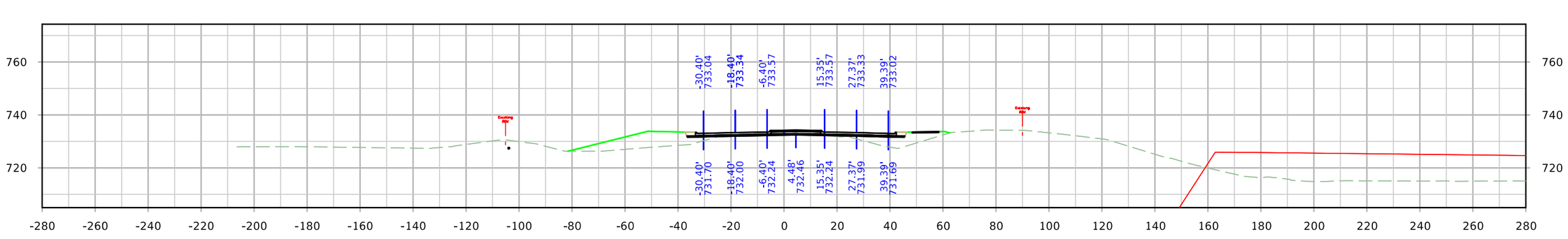
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.4

3:25:05 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

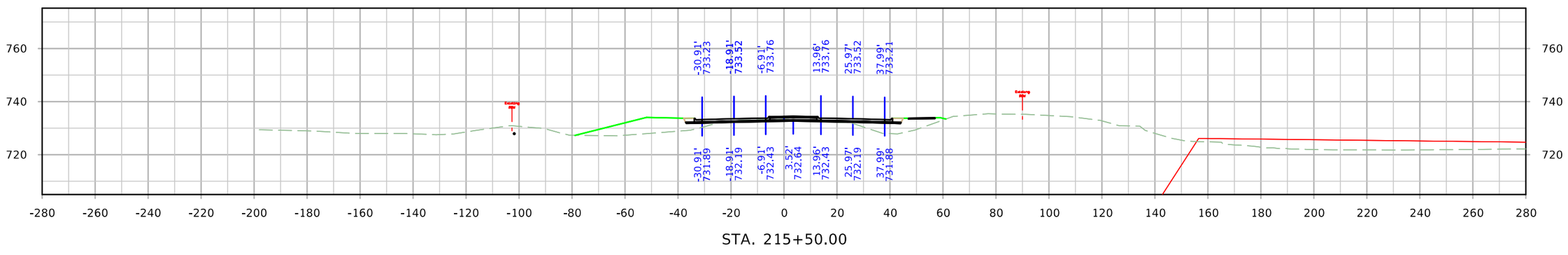
SRMIDDLE



STA. 216+00.00



STA. 215+75.00

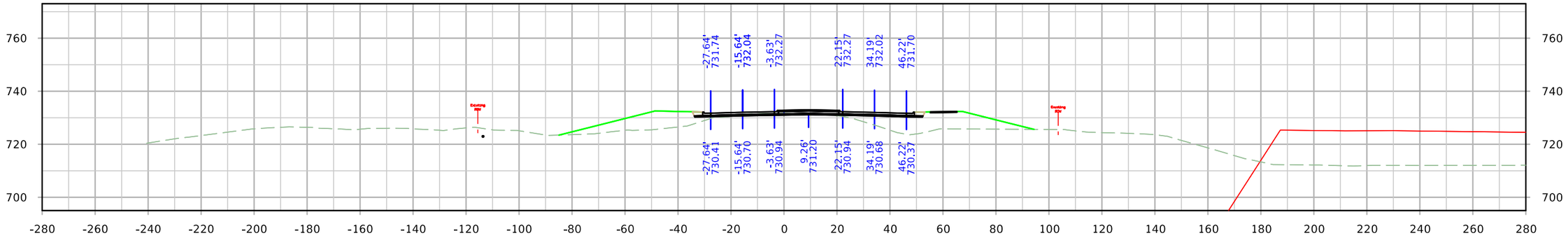


STA. 215+50.00

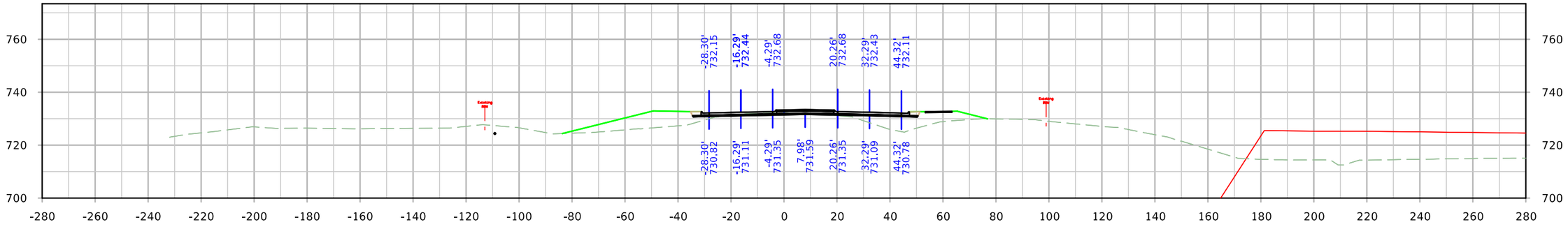
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.5

3:25:07 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

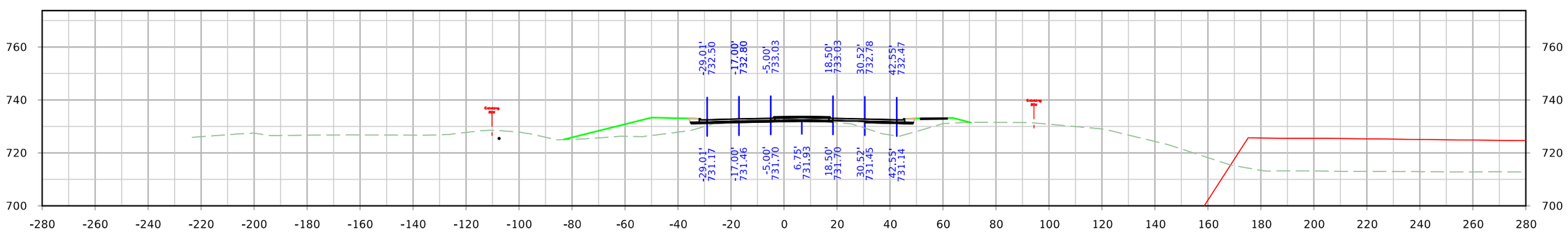
SRMIDDLE



STA. 216+75.00



STA. 216+50.00

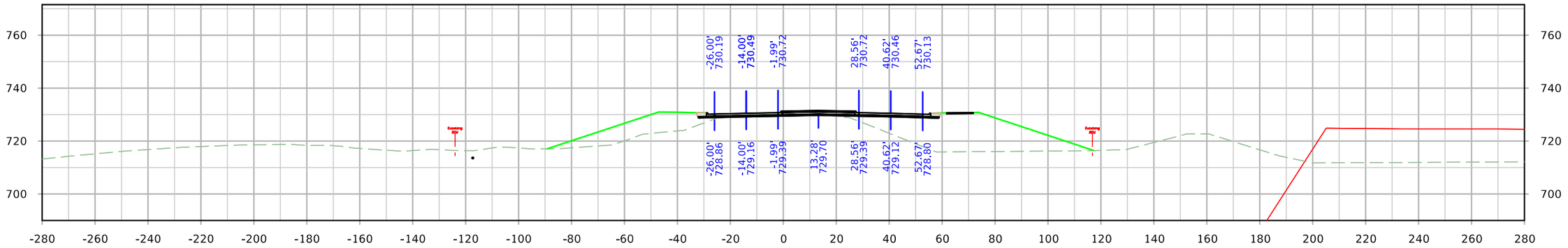


STA. 216+25.00

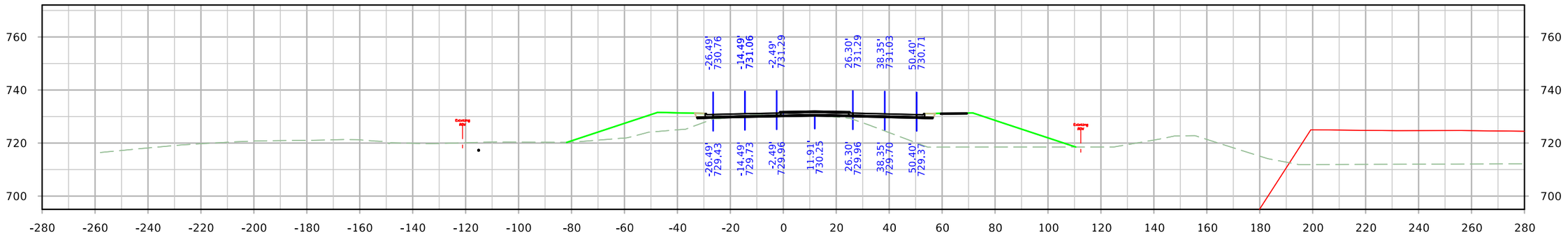
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.6

3:25:08 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

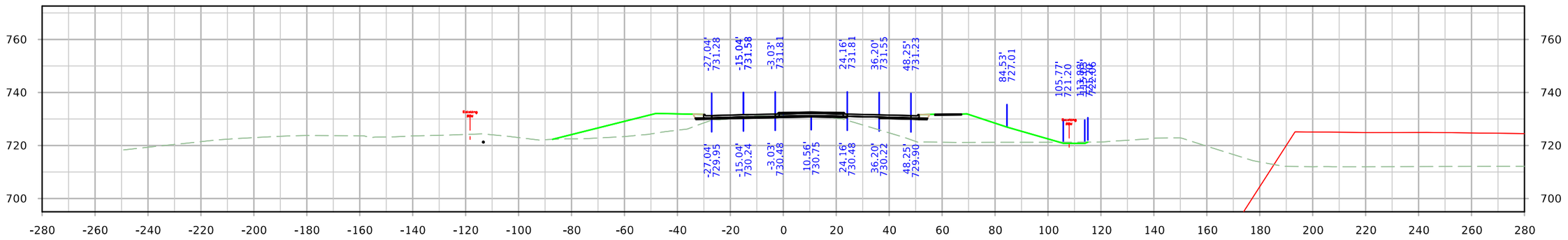
SRMIDDLE



STA. 217+50.00



STA. 217+25.00

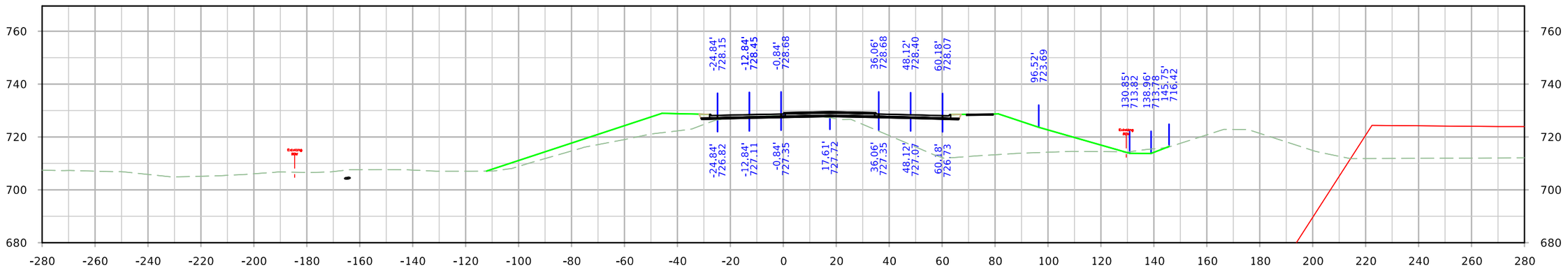


STA. 217+00.00

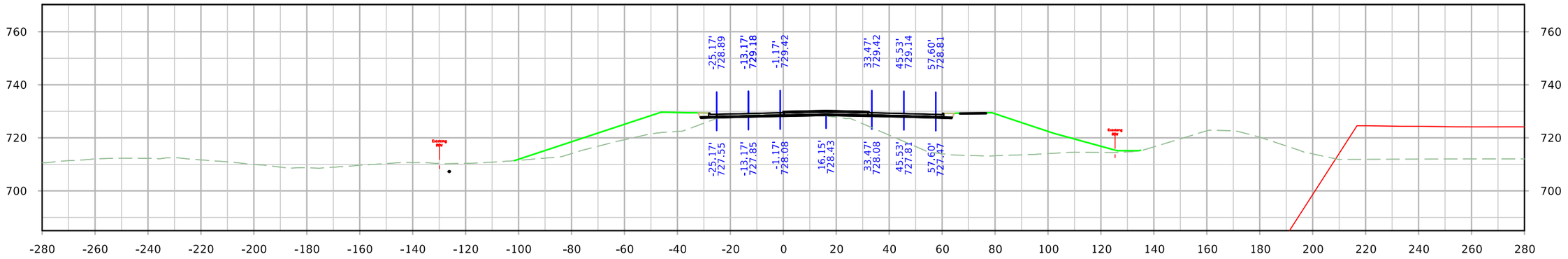
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.7

3:25:09 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

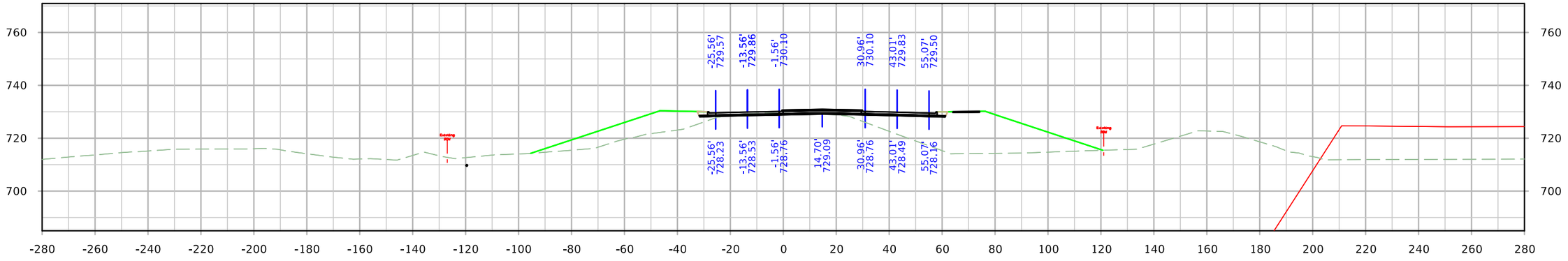
SRMIDDLE



STA. 218+25.00



STA. 218+00.00

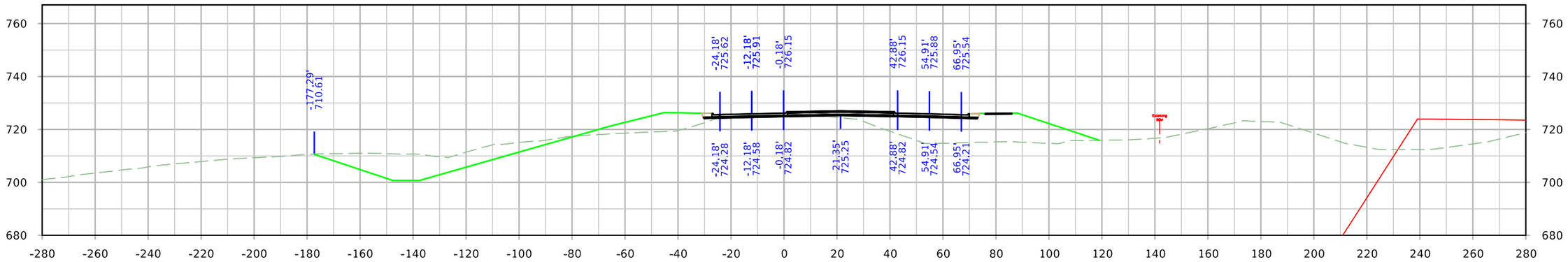


STA. 217+75.00

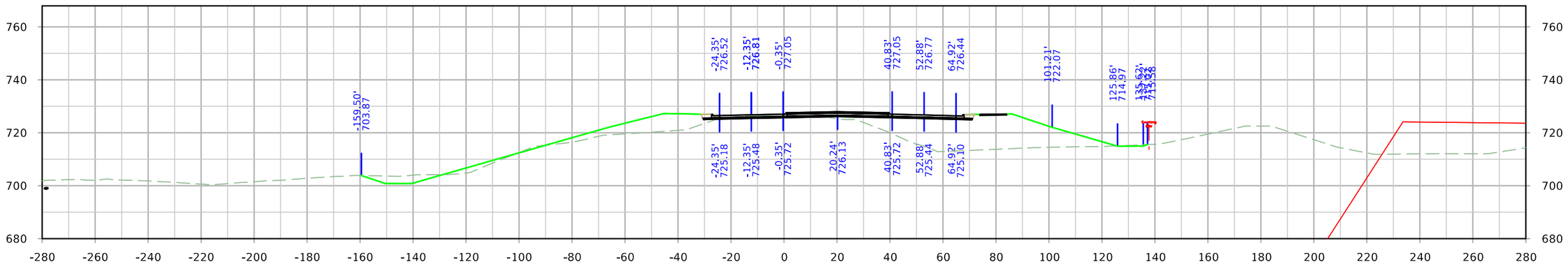
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.8

3:25:10 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

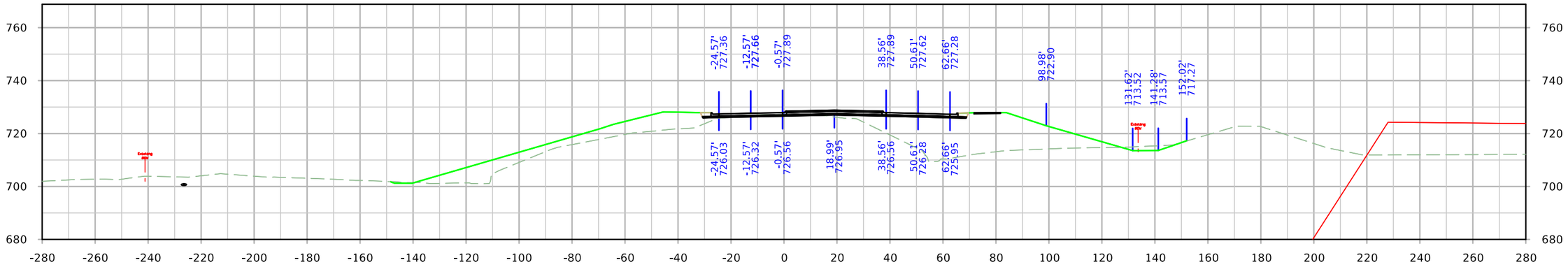
SRMIDDLE



STA. 219+00.00



STA. 218+75.00

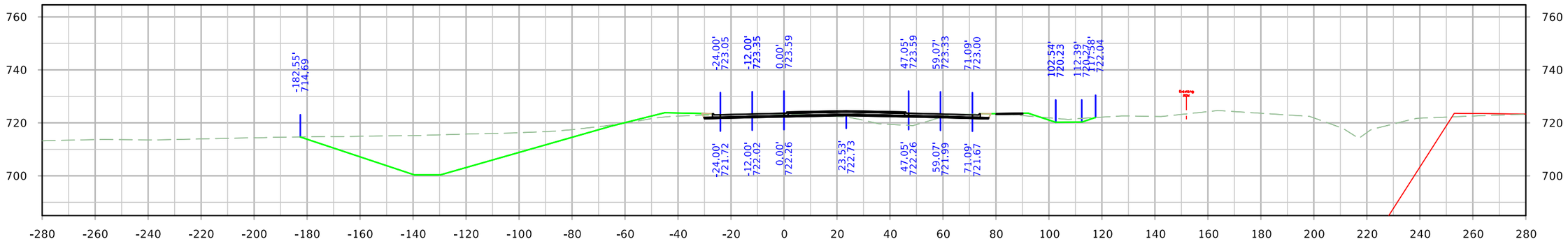


STA. 218+50.00

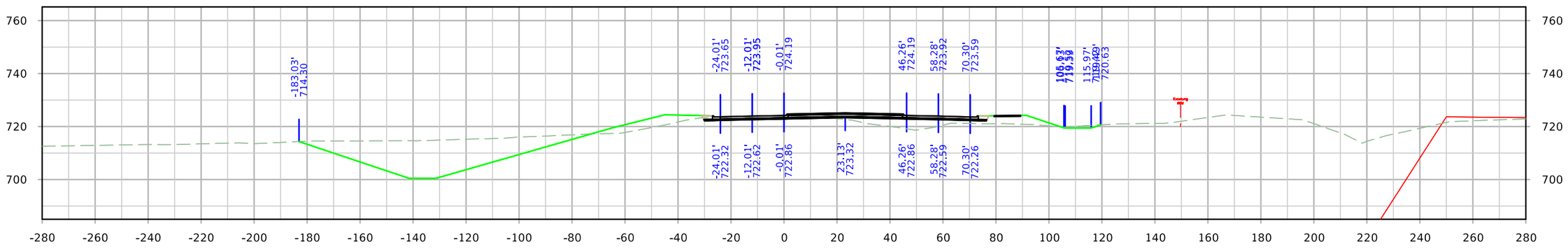
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.9

3:25:11 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

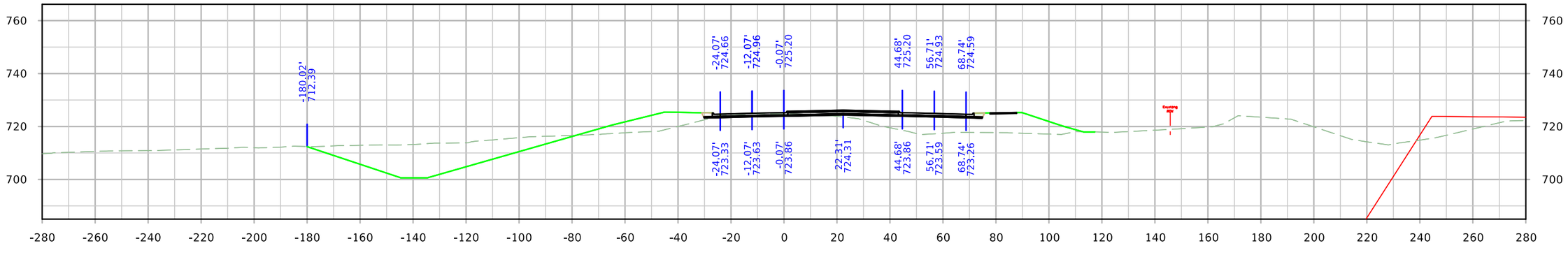
SRMIDDLE



STA. 219+64.22



STA. 219+50.00

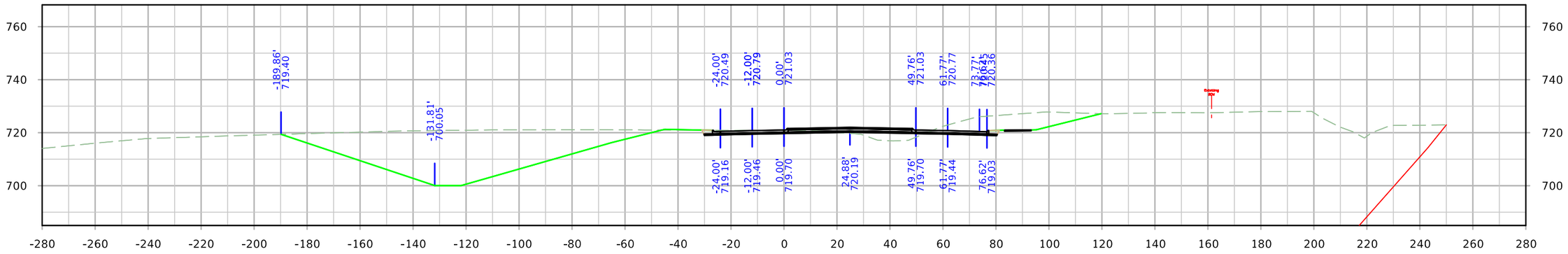


STA. 219+25.00

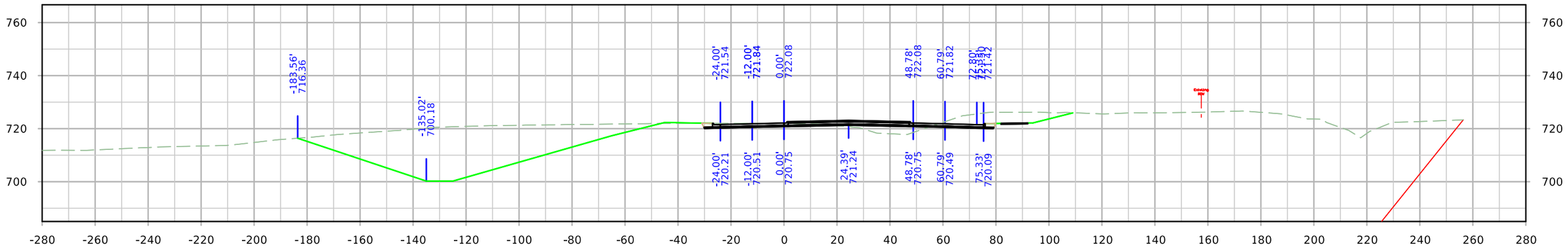
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.10	

3:25:12 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

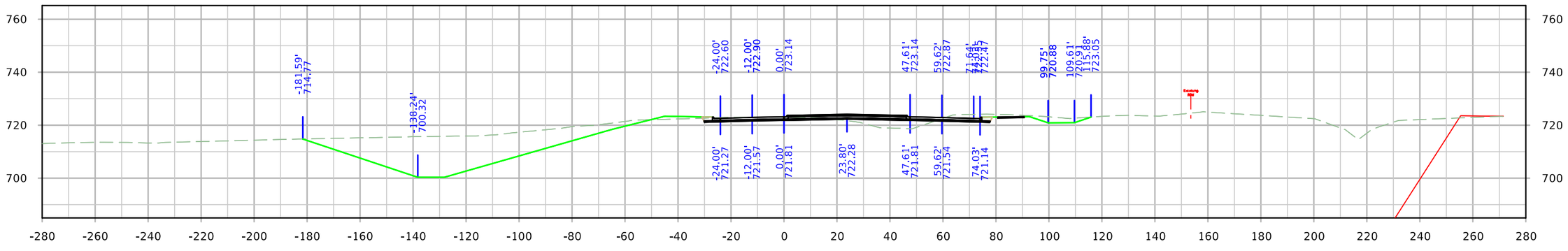
SRMIDDLE



STA. 220+25.00



STA. 220+00.00

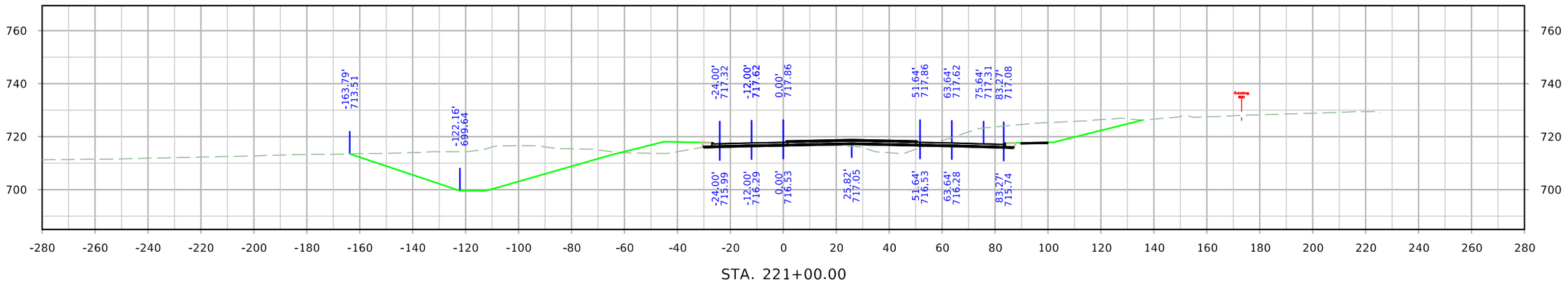


STA. 219+75.00

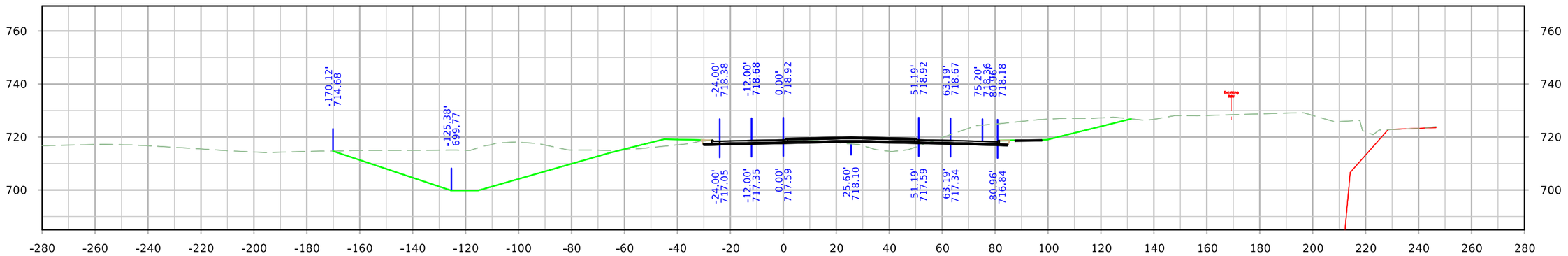
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.11

3:25:13 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

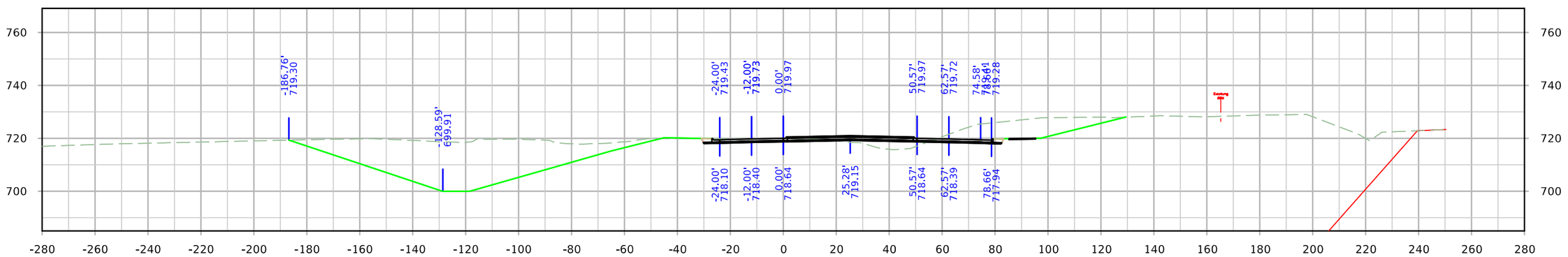
SRMIDDLE



STA. 221+00.00



STA. 220+75.00

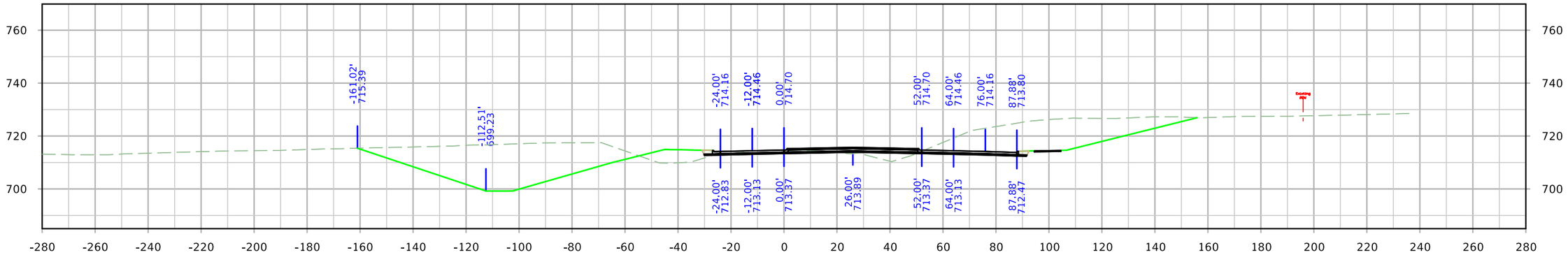


STA. 220+50.00

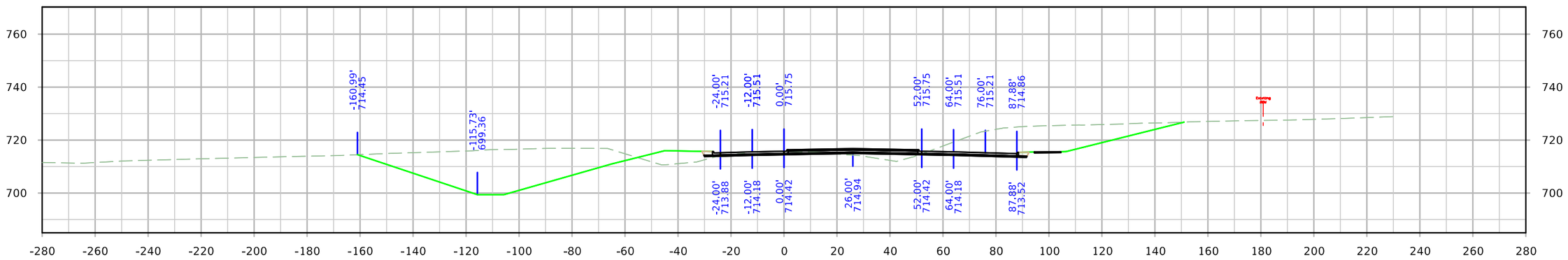
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.12

3:25:15 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

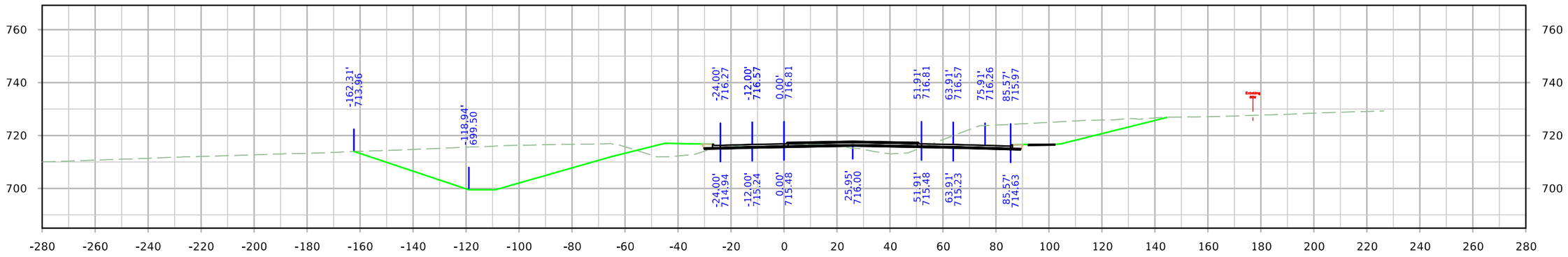
SRMIDDLE



STA. 221+75.00



STA. 221+50.00

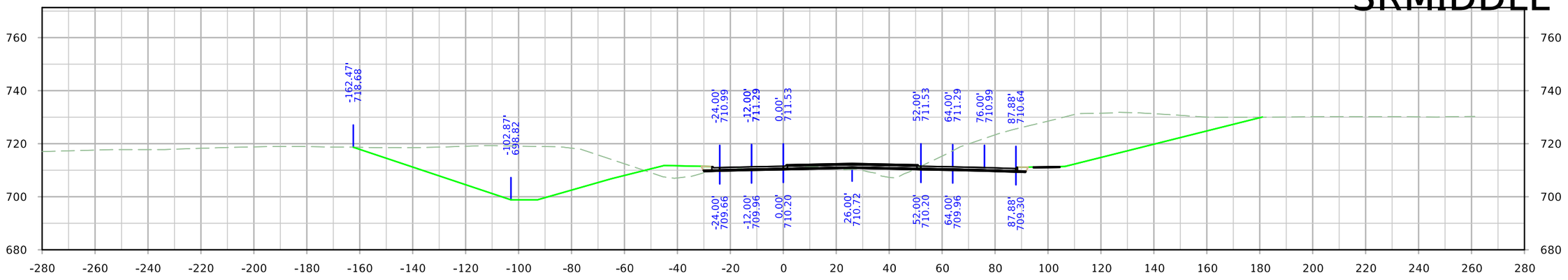


STA. 221+25.00

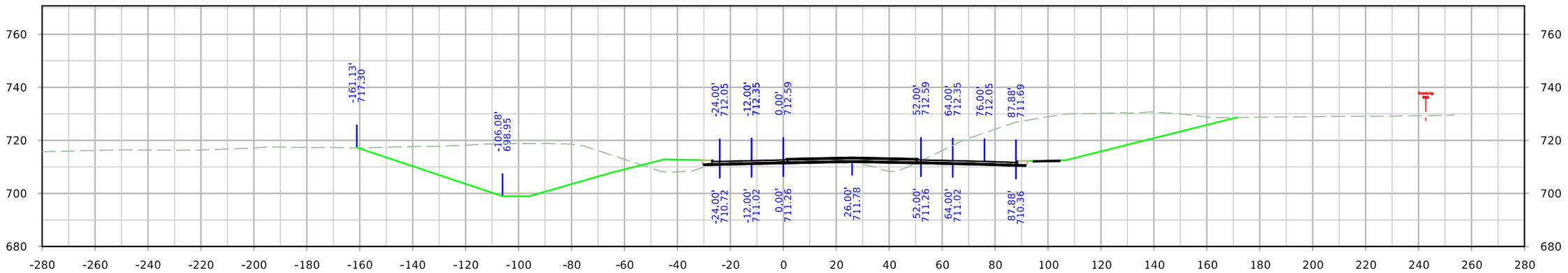
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.13

3:25:16 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

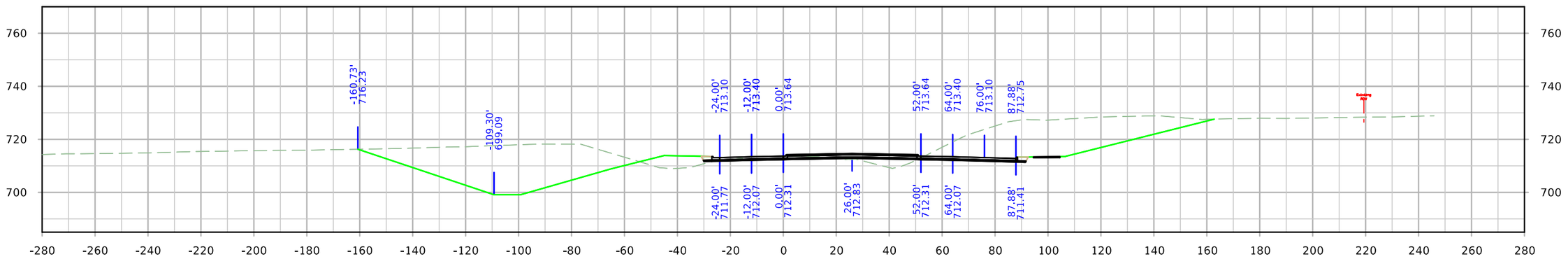
SRMIDDLE



STA. 222+50.00



STA. 222+25.00



STA. 222+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.14

3:25:17 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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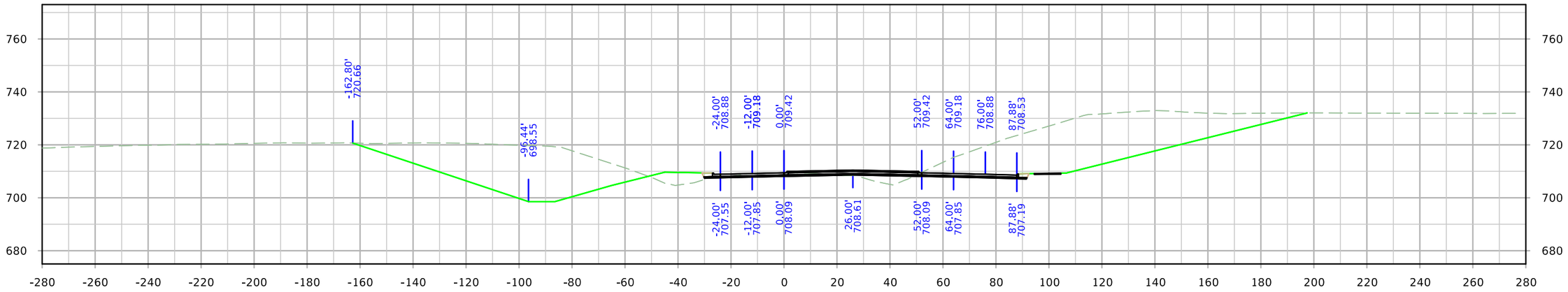

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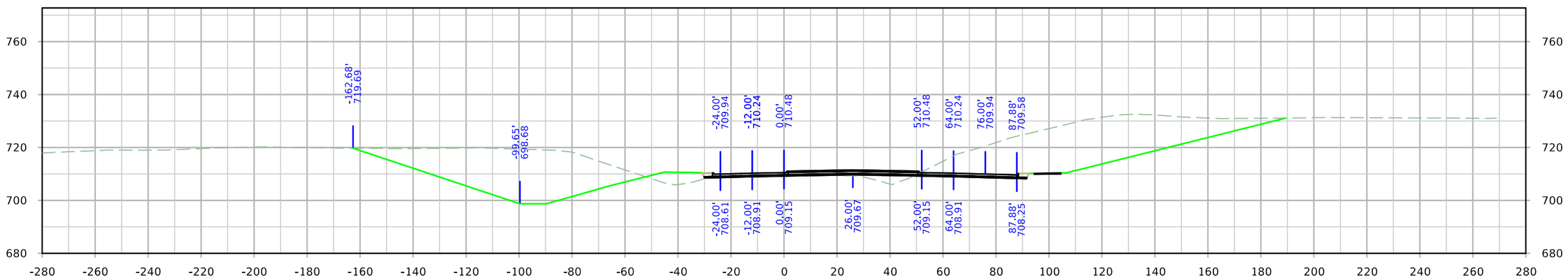

STA. 222+75.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.15

3:25:18 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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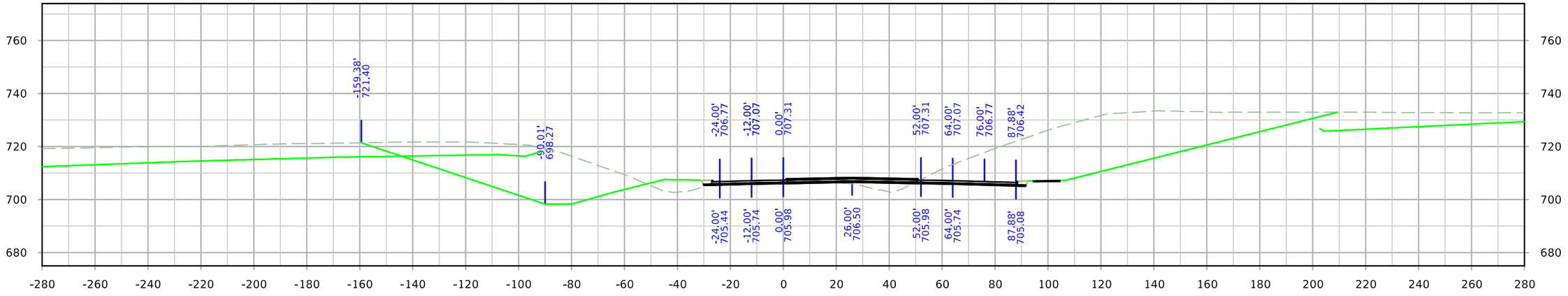
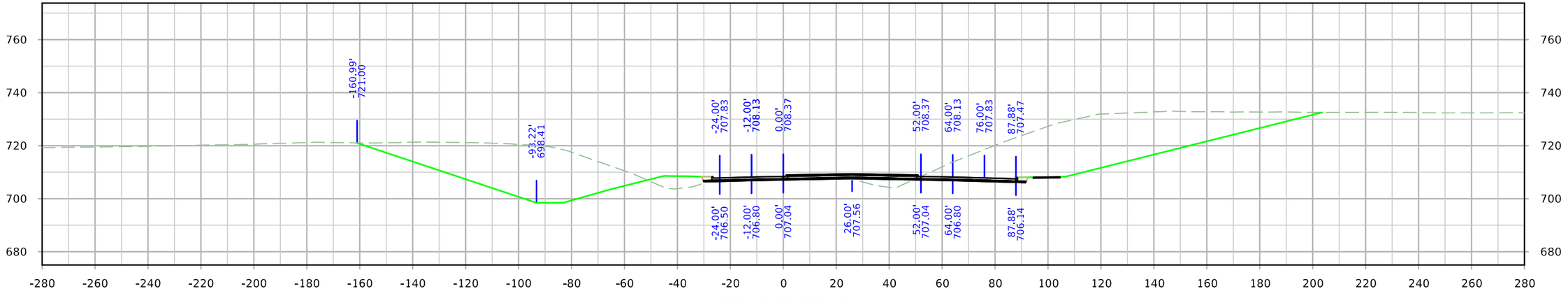


STA. 223+50.00



STA. 223+25.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.16

3:25:19 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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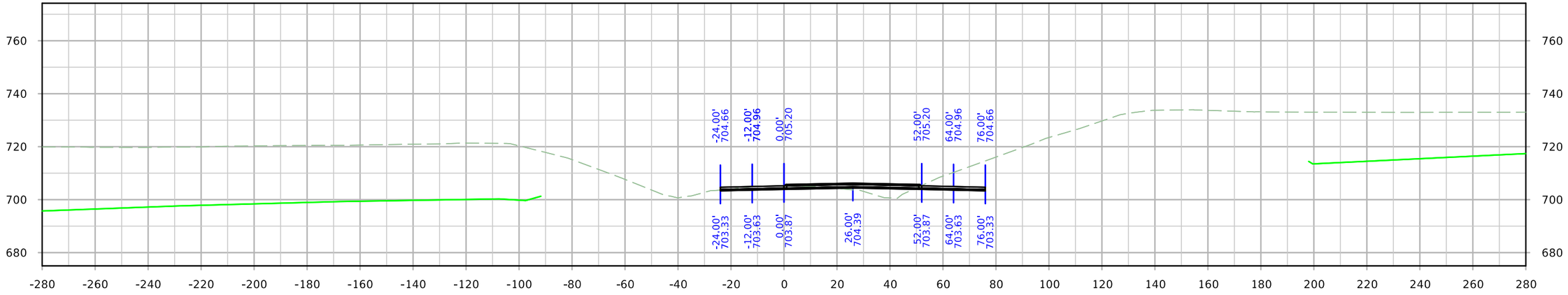
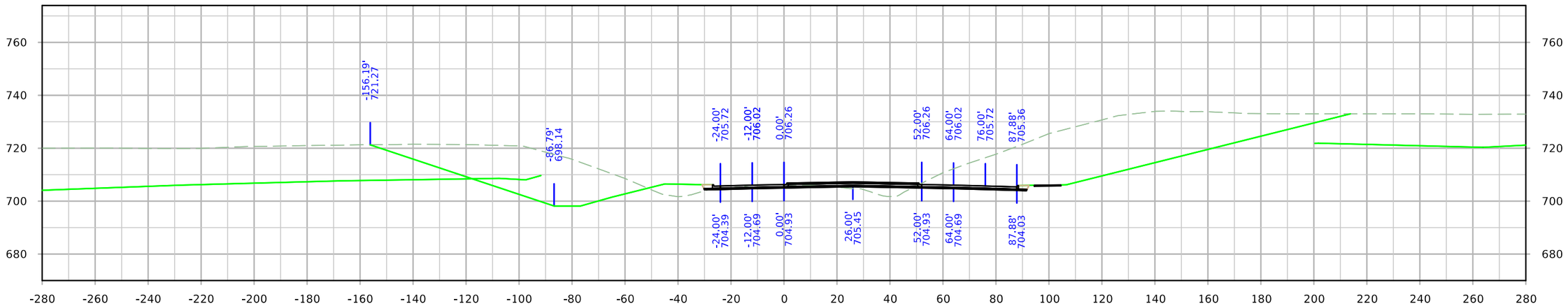


STA. 224+00.00



STA. 223+75.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.17

3:25:20 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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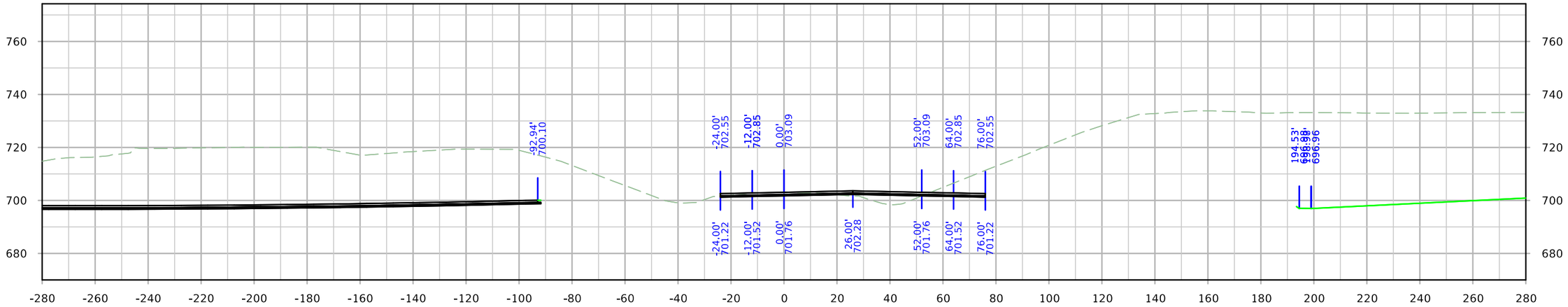

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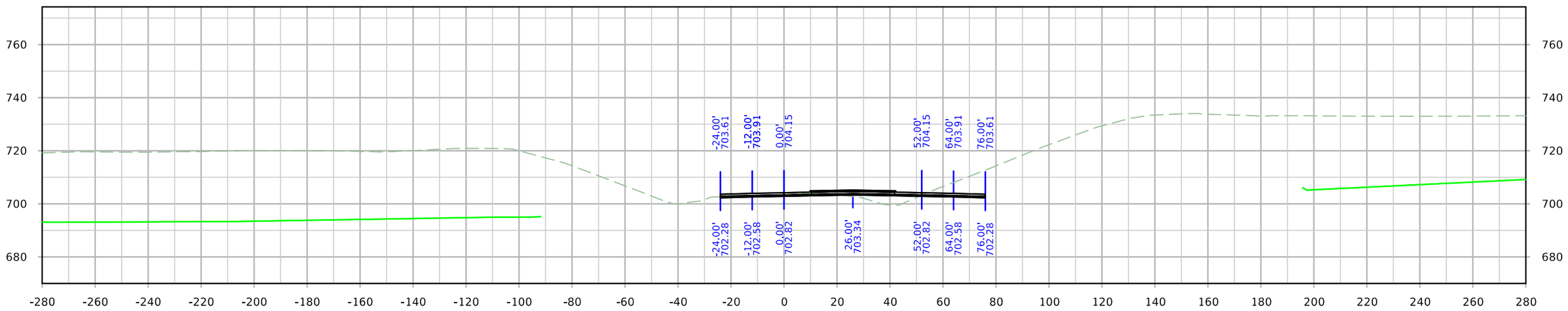

STA. 224+25.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.18

3:25:21 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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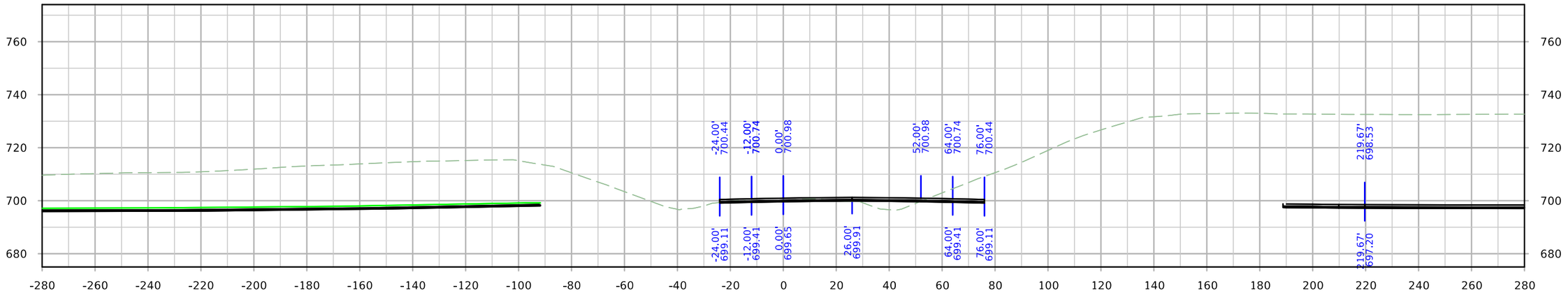
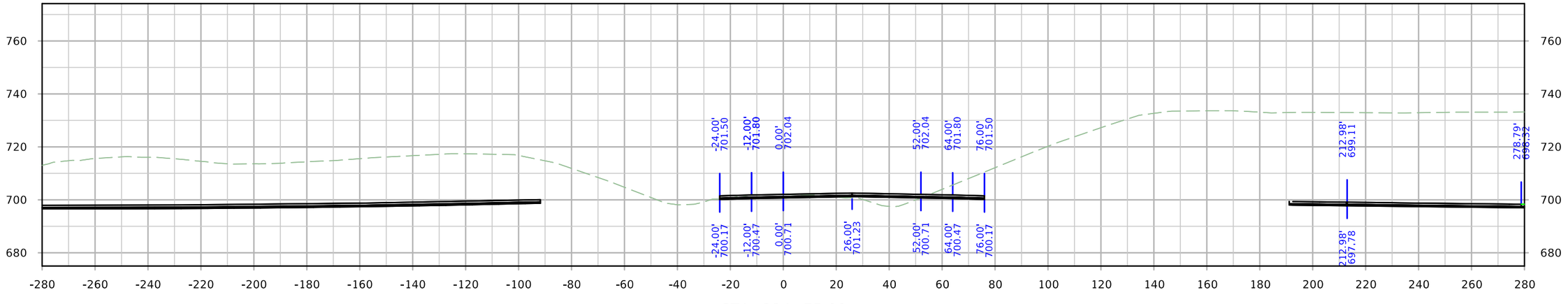


STA. 225+00.00



STA. 224+75.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.19

3:25:22 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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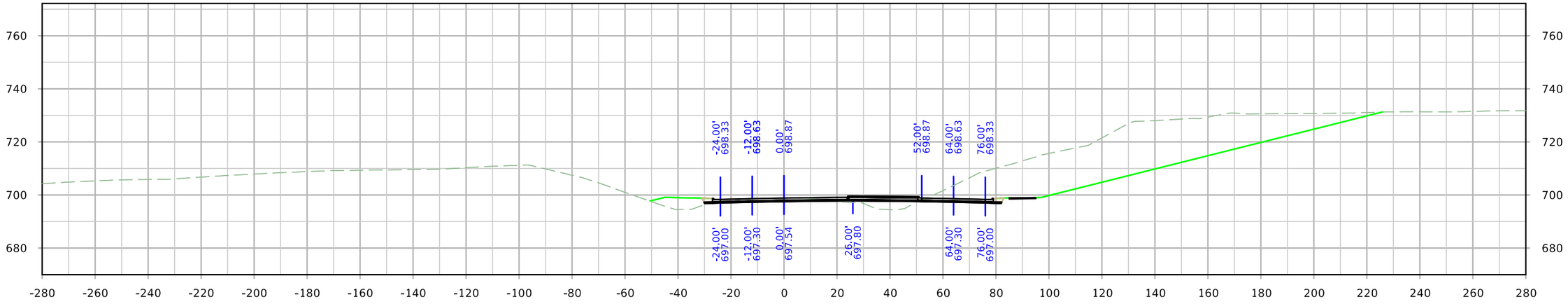

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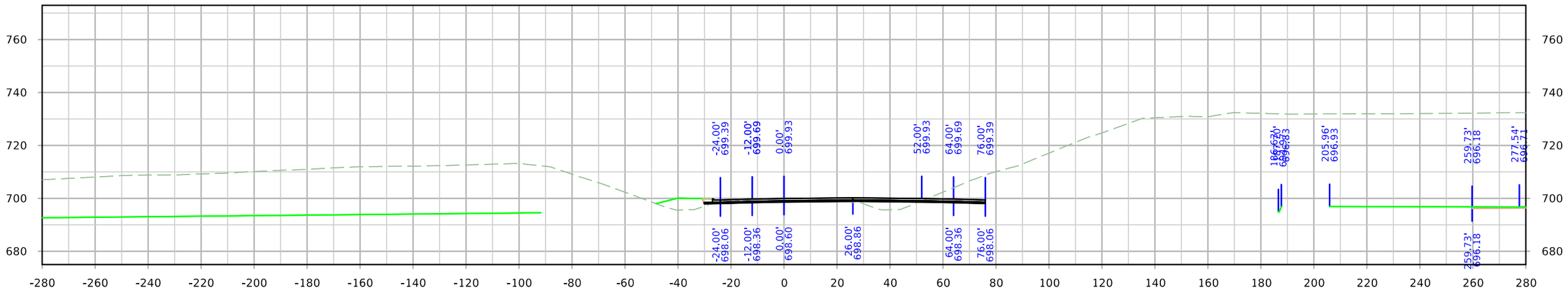

STA. 225+25.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.20	

3:25:23 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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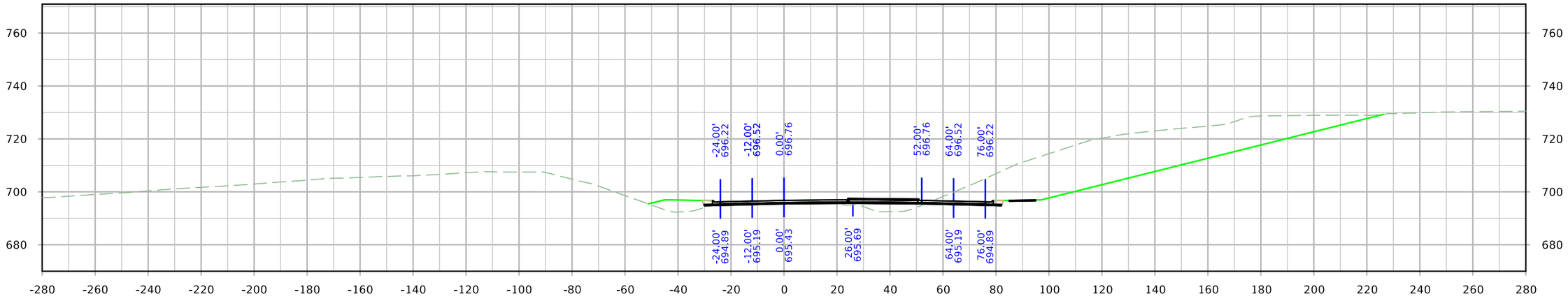
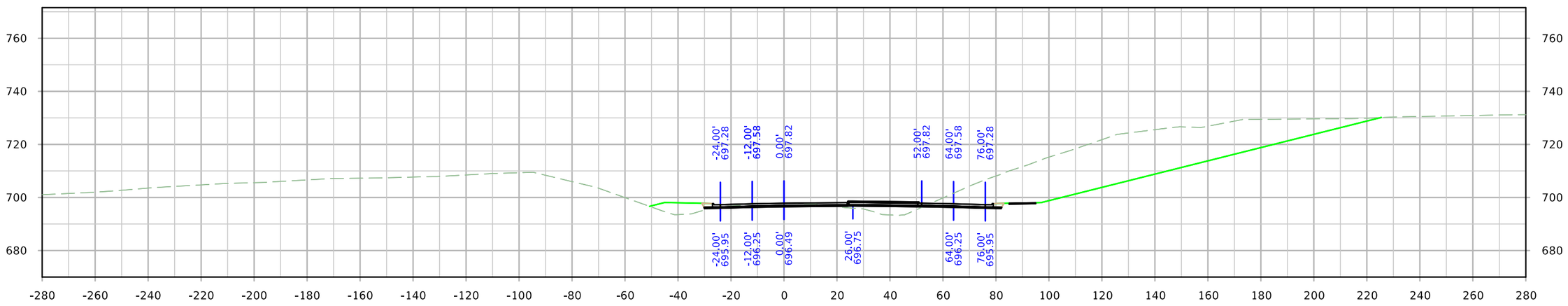


STA. 226+00.00



STA. 225+75.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.21

3:25:24 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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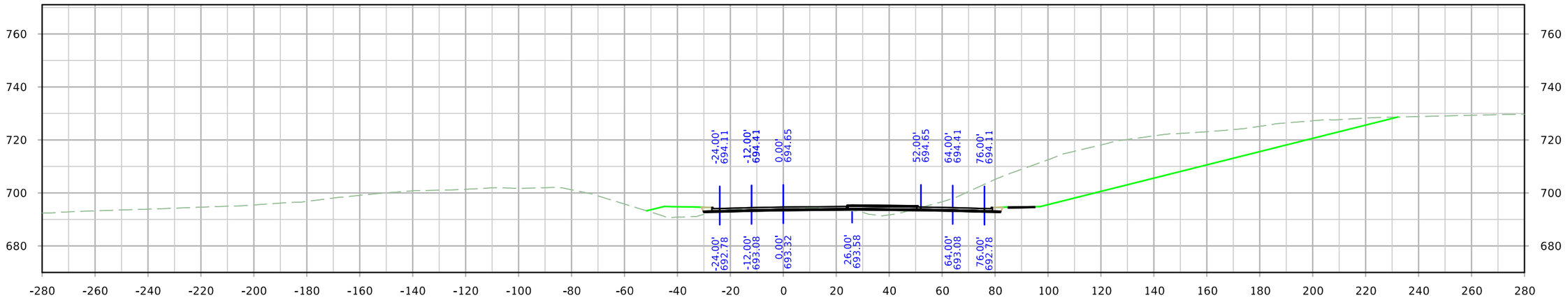
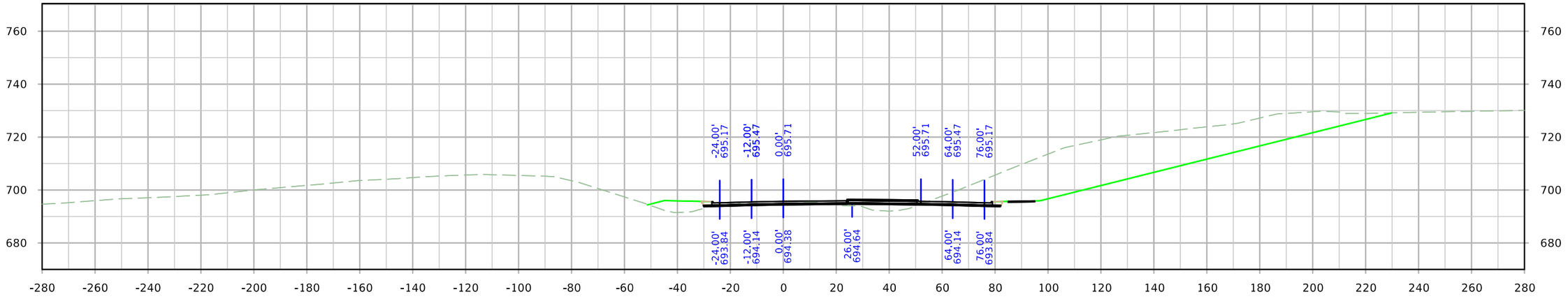


STA. 226+50.00



STA. 226+25.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.22	

3:25:25 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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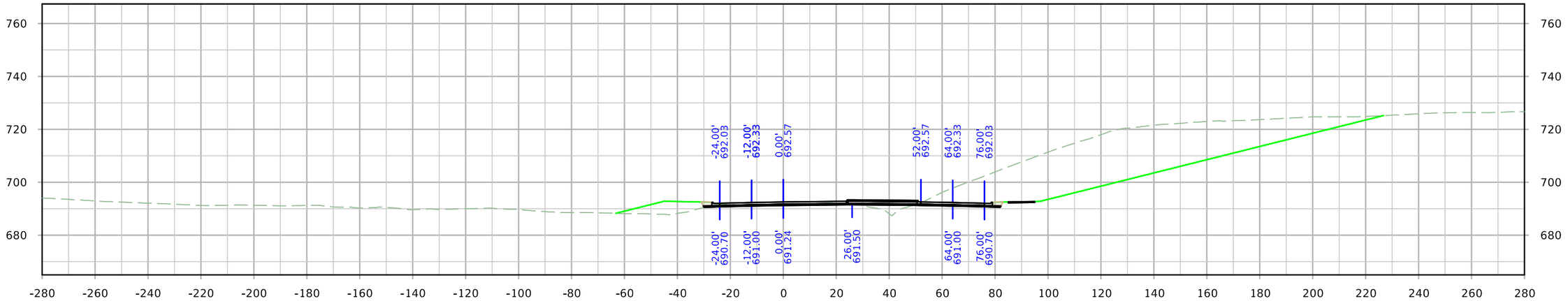
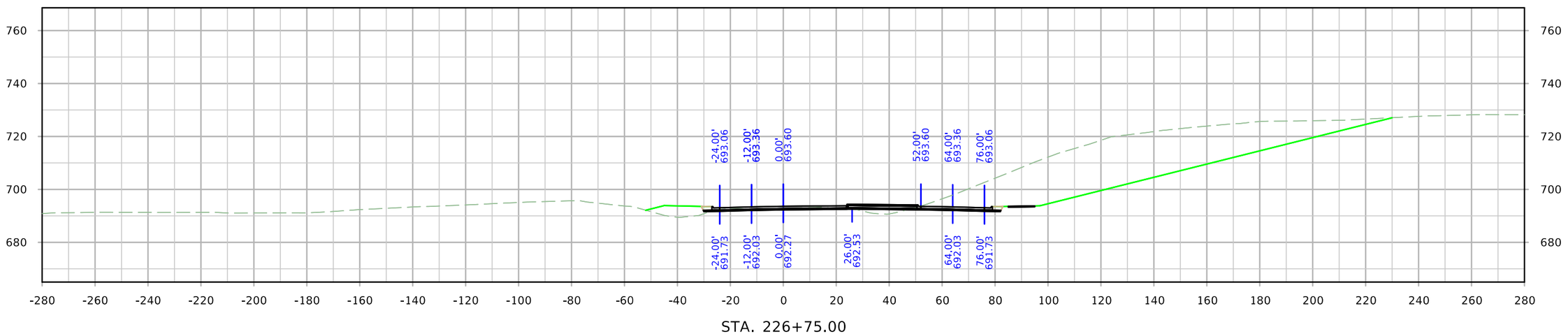


STA. 227+00.00



STA. 226+75.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.23

3:25:26 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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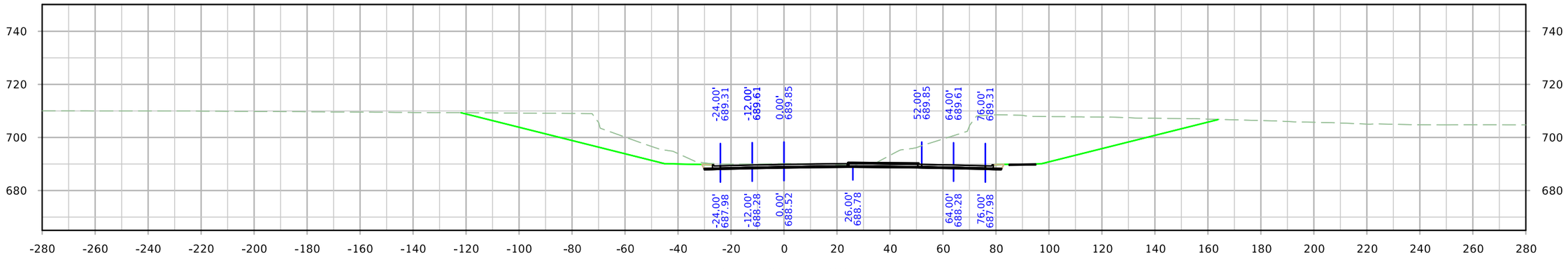
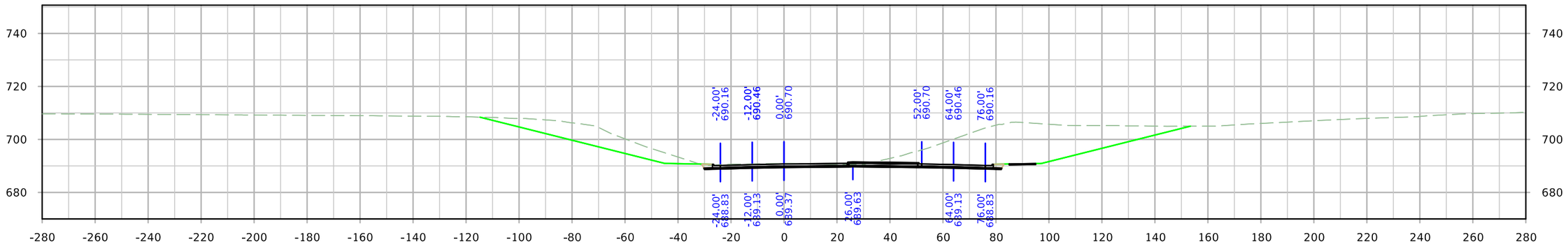
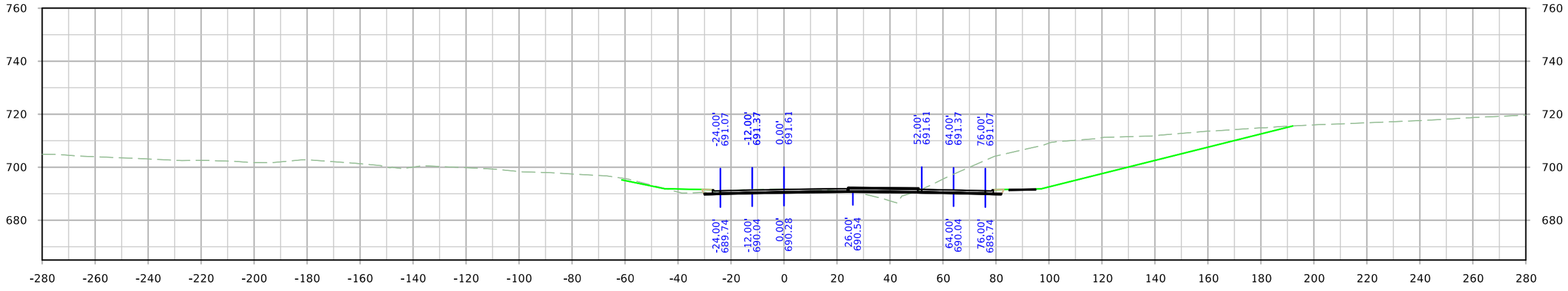


STA. 227+75.00



STA. 227+50.00



STA. 227+25.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.24

3:25:27 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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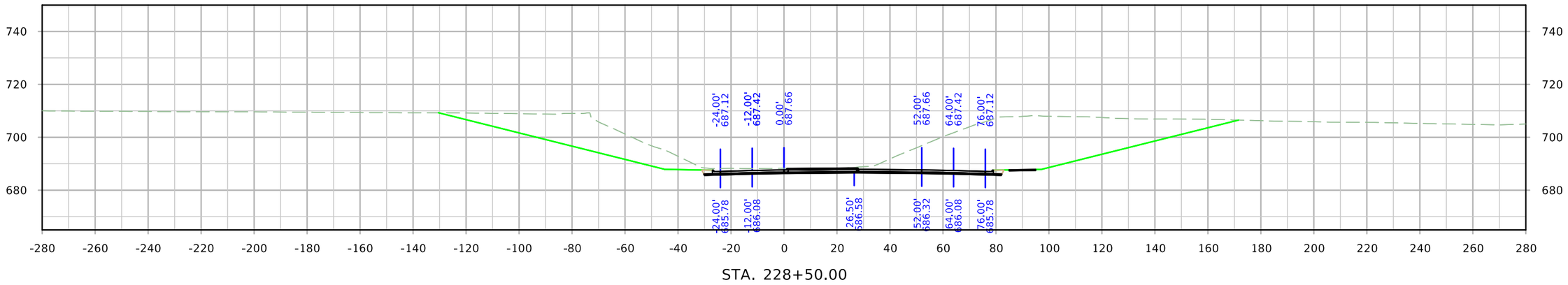

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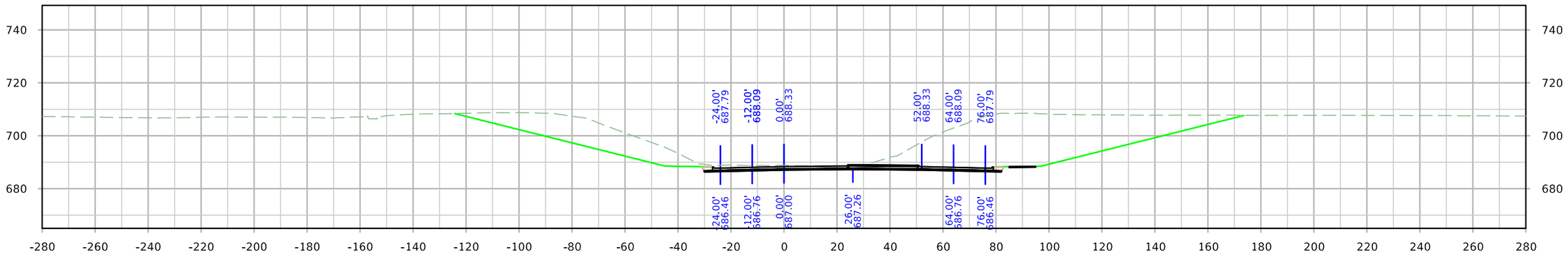
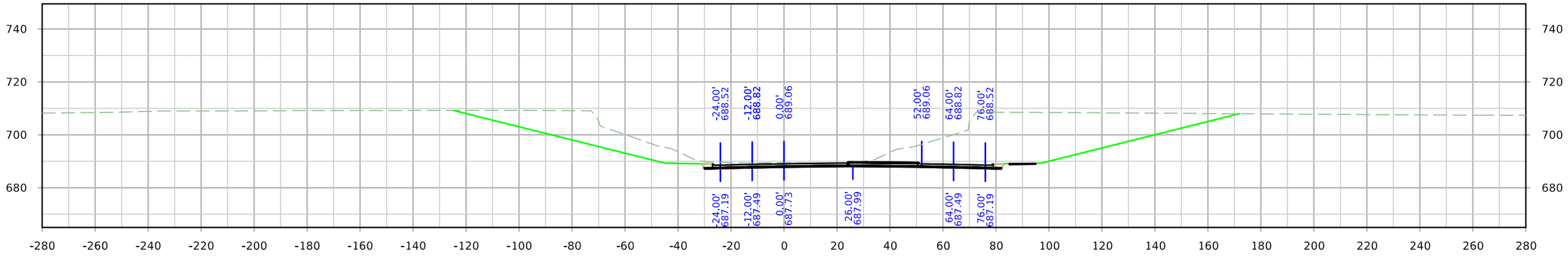


STA. 228+25.00



STA. 228+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.25

3:25:28 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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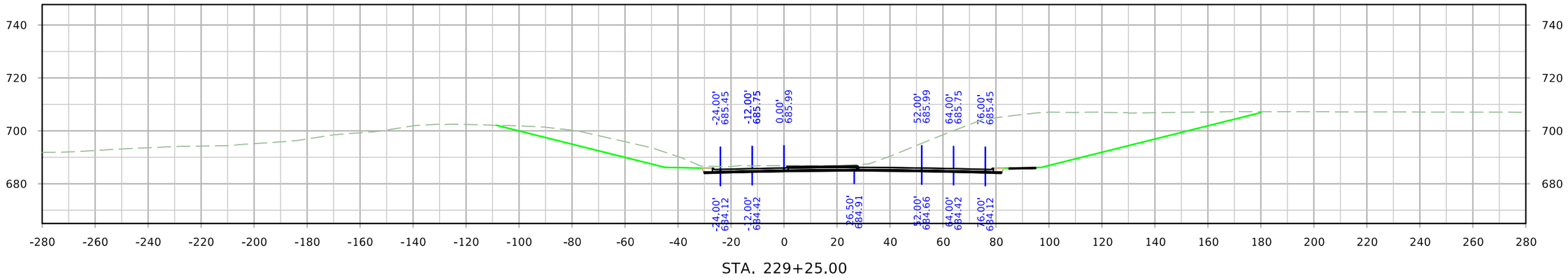
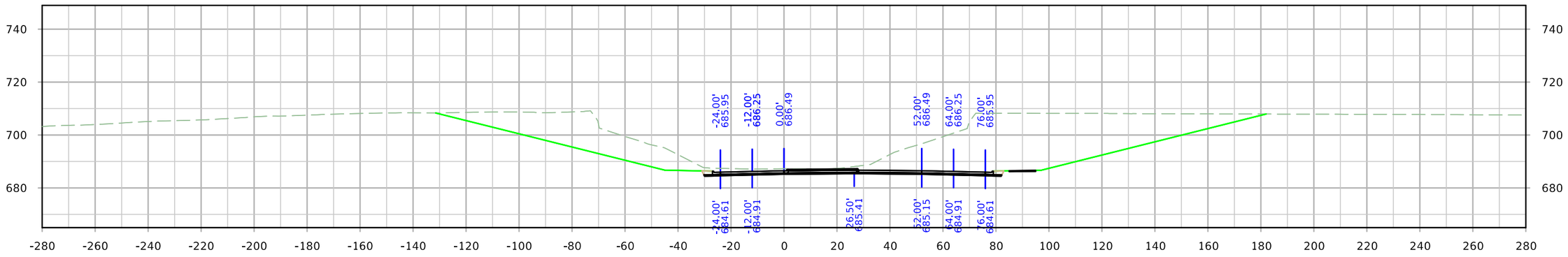


STA. 229+25.00



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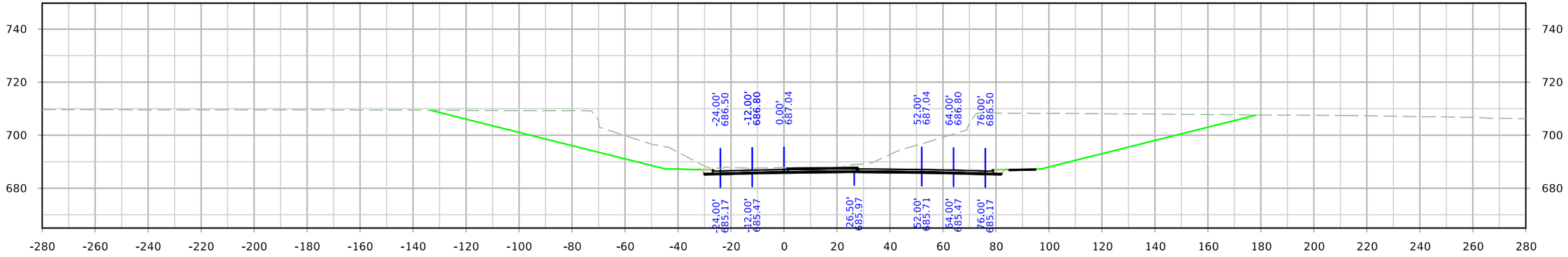

STA. 228+75.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.26

3:25:29 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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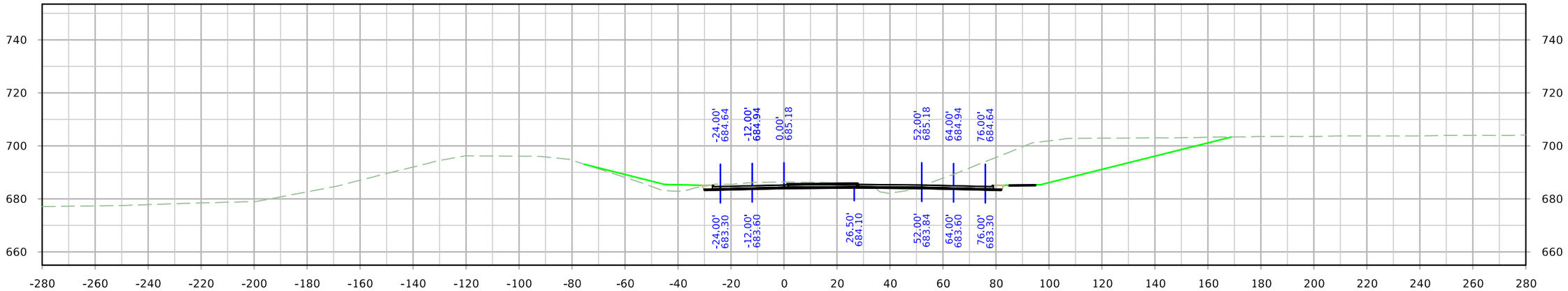
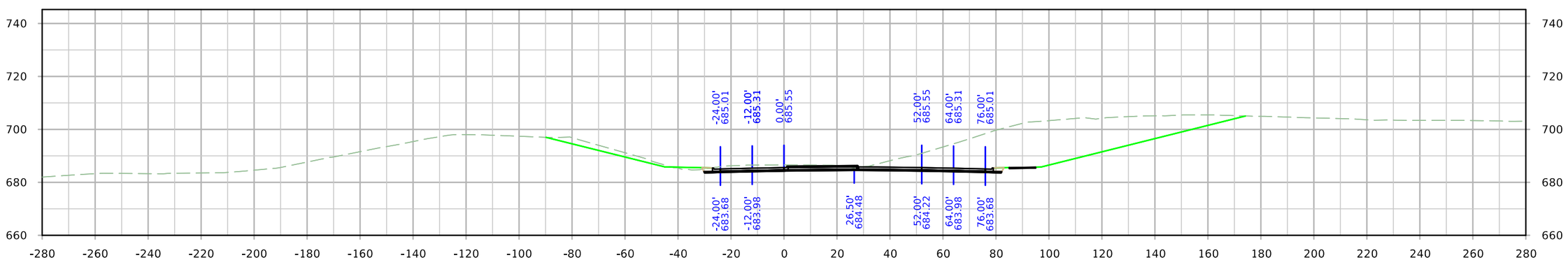


STA. 229+75.00



STA. 229+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.27

3:25:30 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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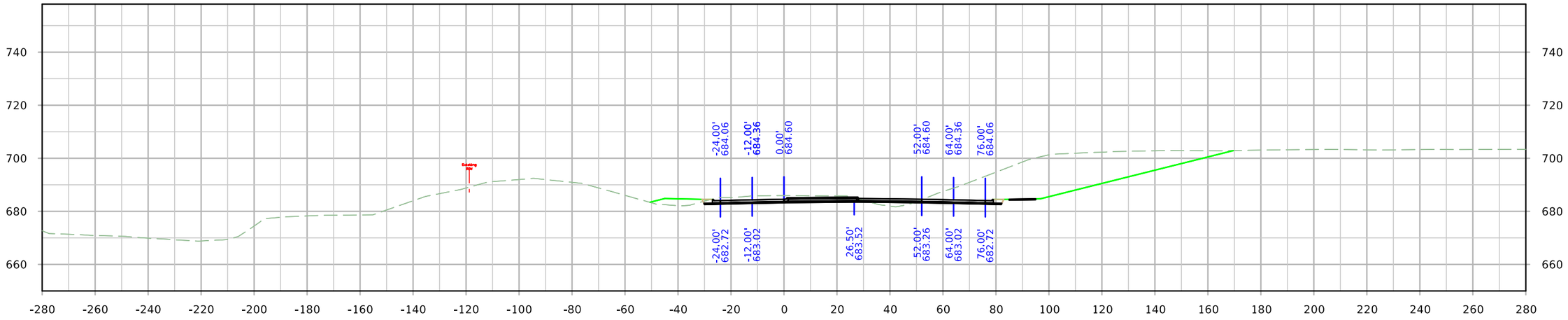
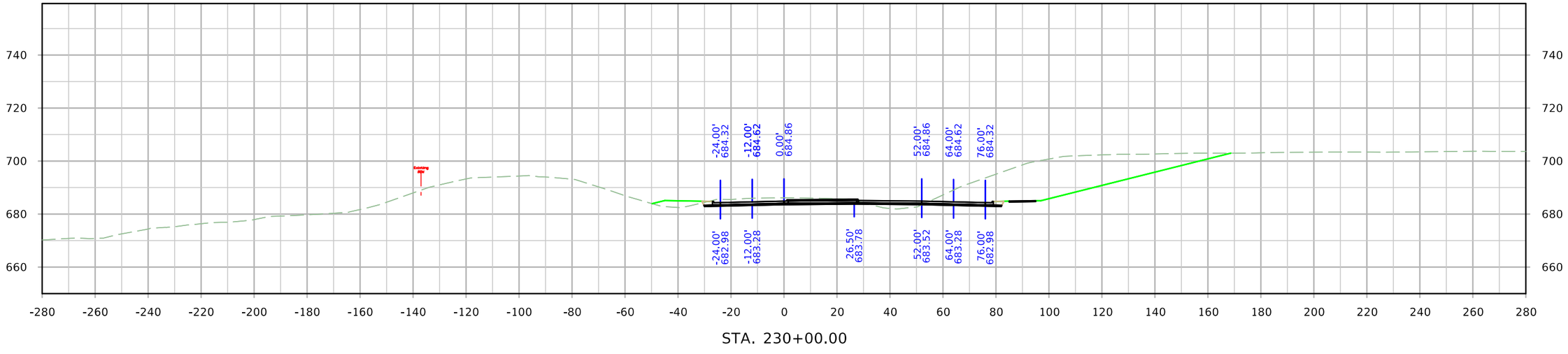


STA. 230+25.00



STA. 230+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.28

3:25:31 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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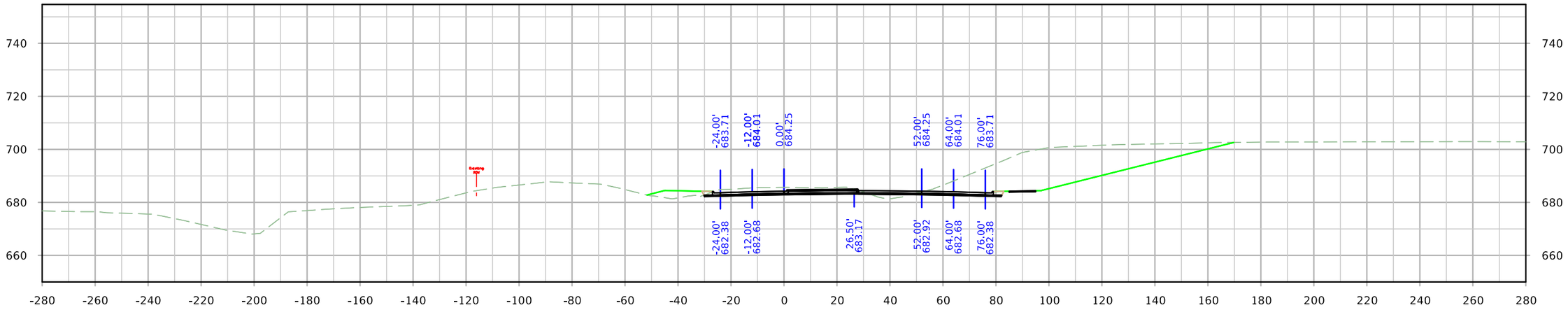
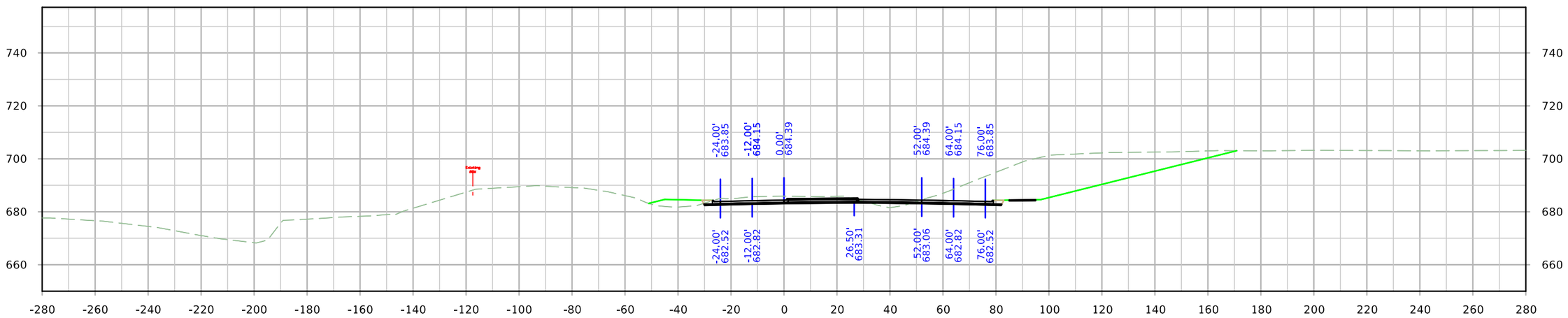


STA. 230+75.00



STA. 230+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.29

3:25:32 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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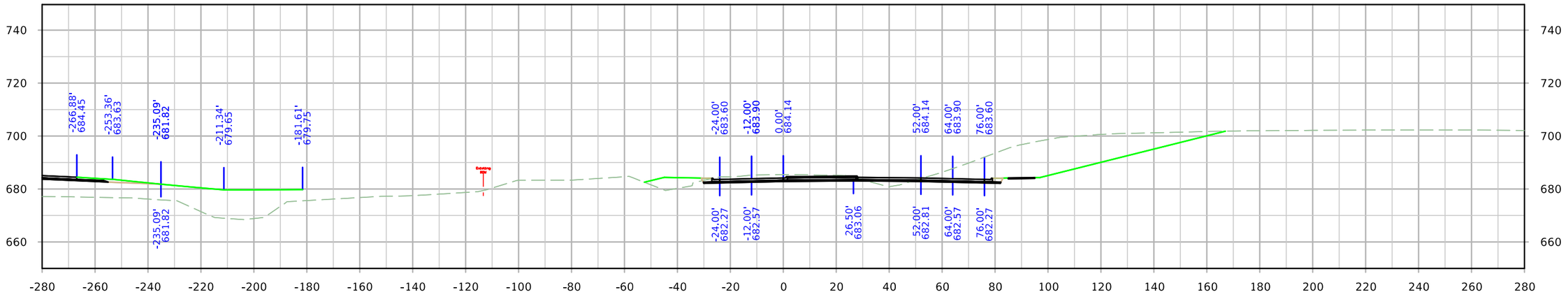
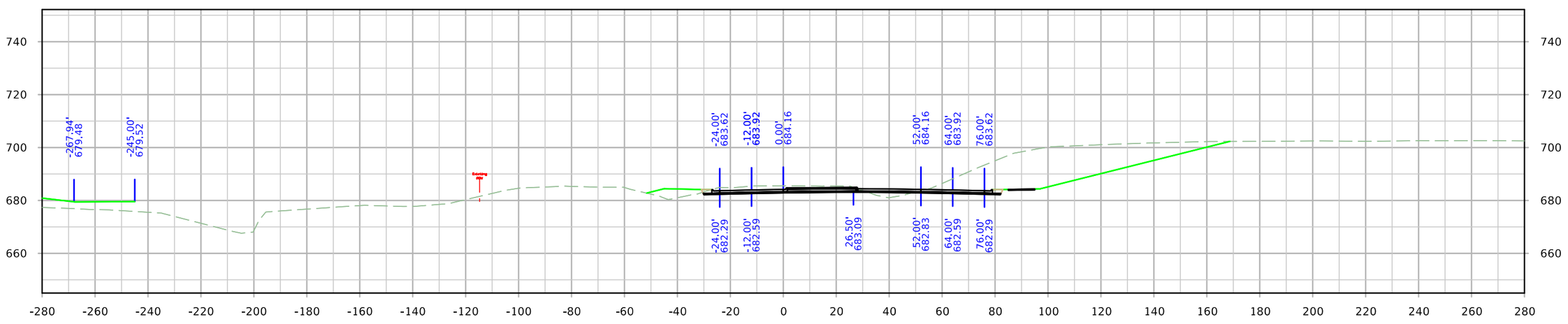


STA. 231+25.00



STA. 231+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.30

3:25:33 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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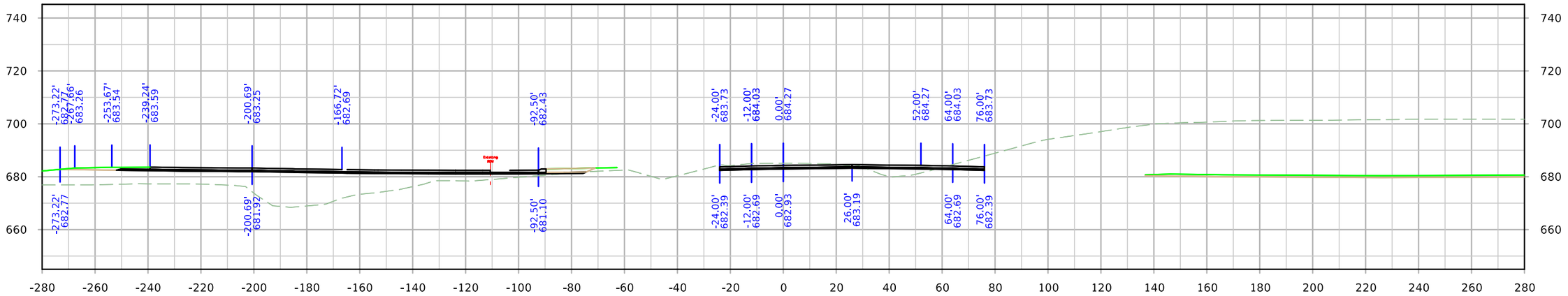
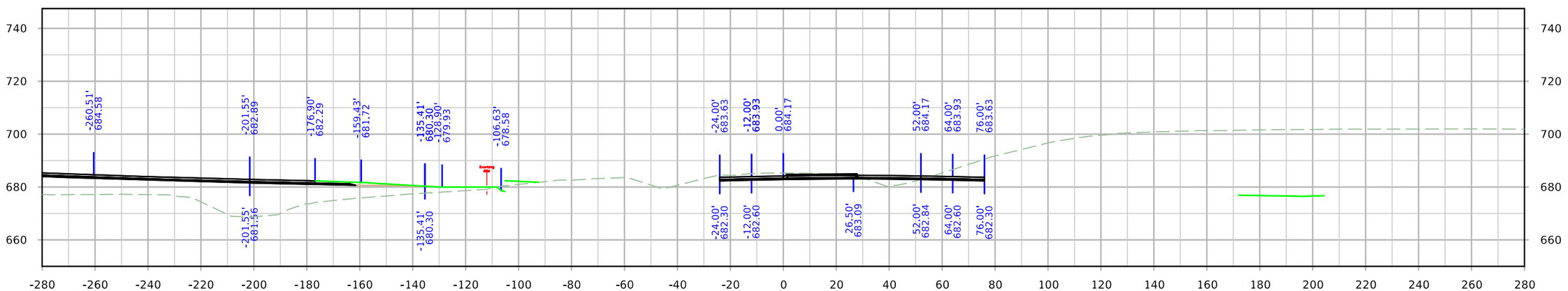


STA. 231+75.00

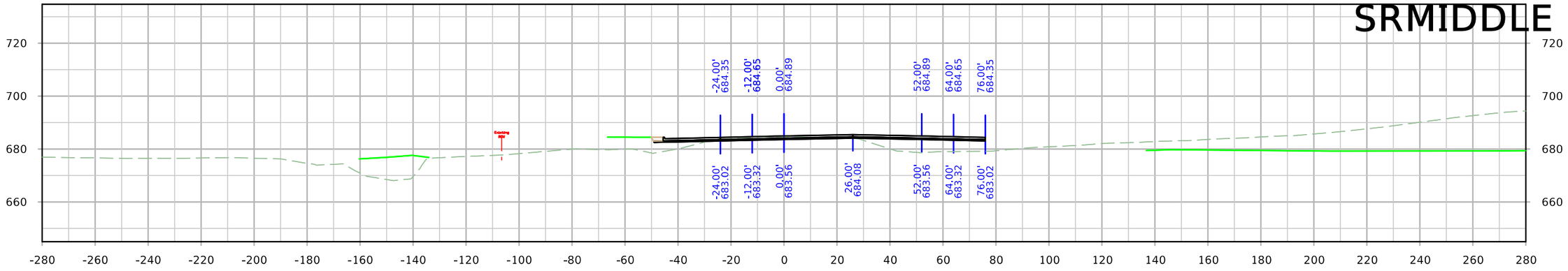


STA. 231+50.00

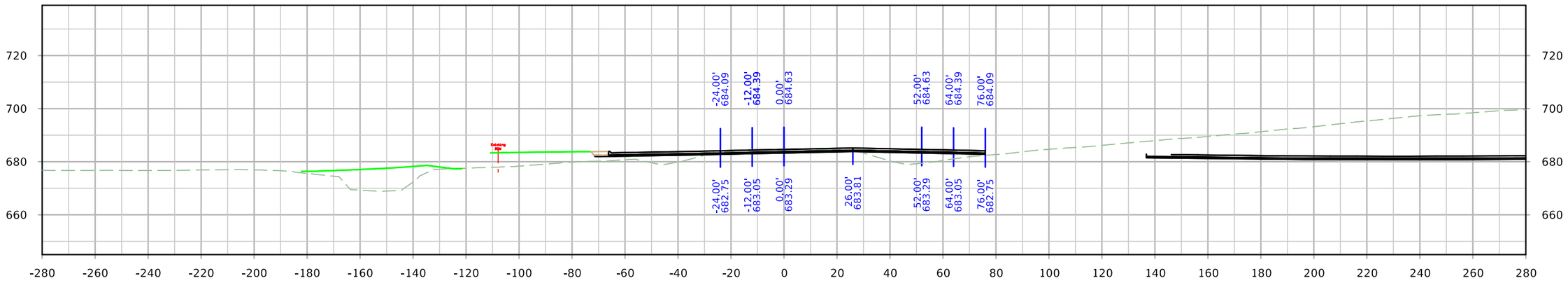
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.31

3:25:34 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

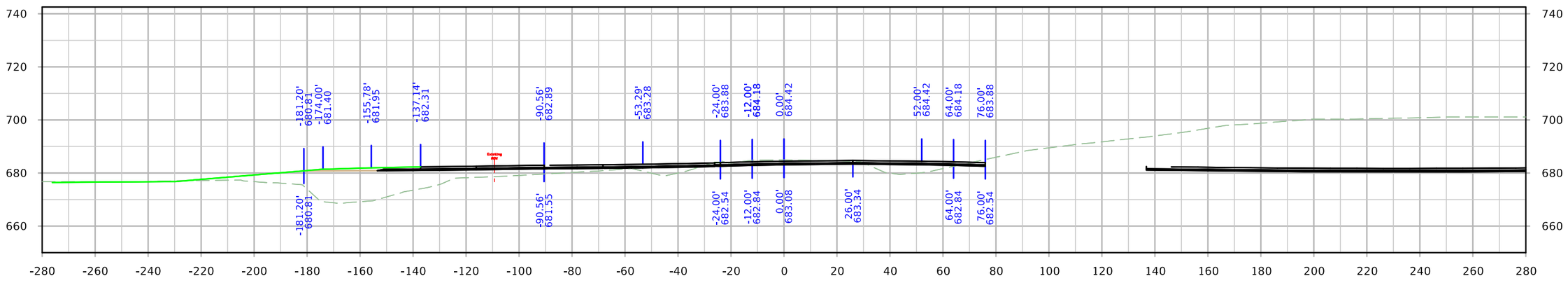
SRMIDDLE



STA. 232+50.00



STA. 232+25.00

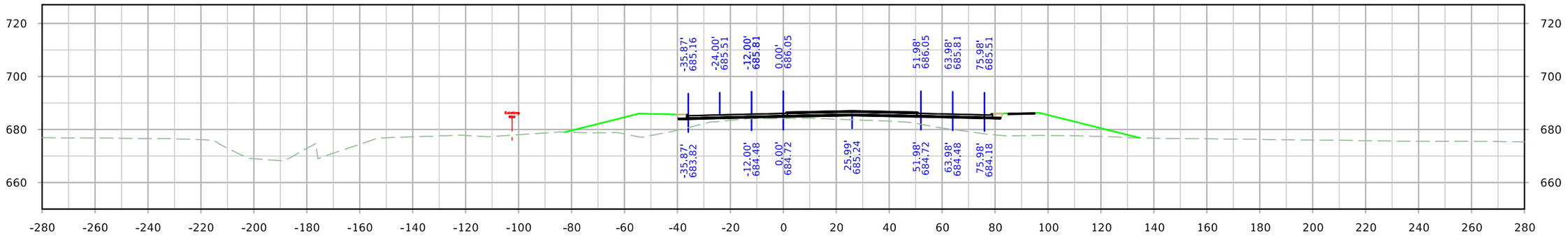


STA. 232+00.00

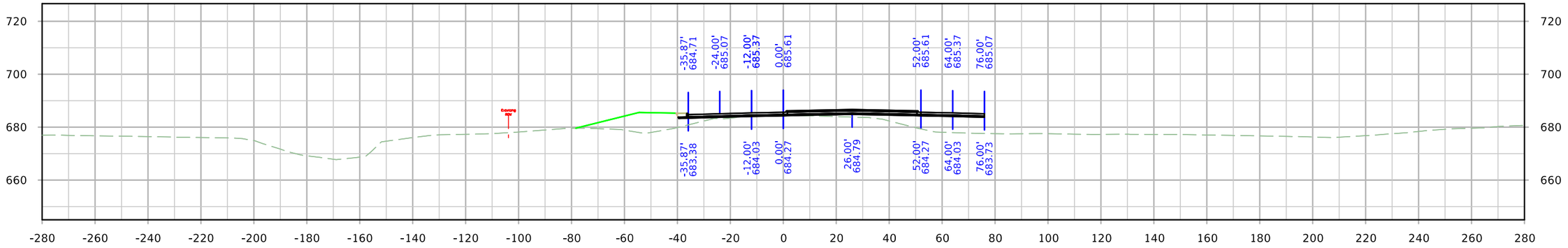
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.32

3:25:35 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

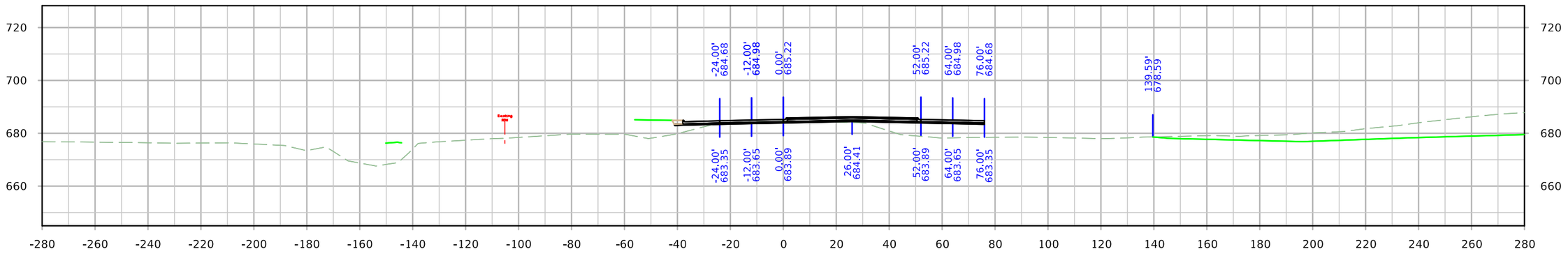
SRMIDDLE



STA. 233+25.00



STA. 233+00.00

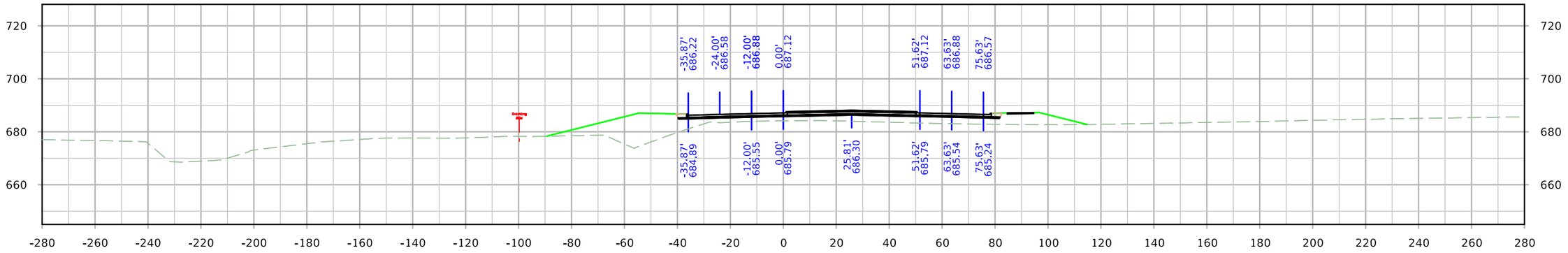


STA. 232+75.00

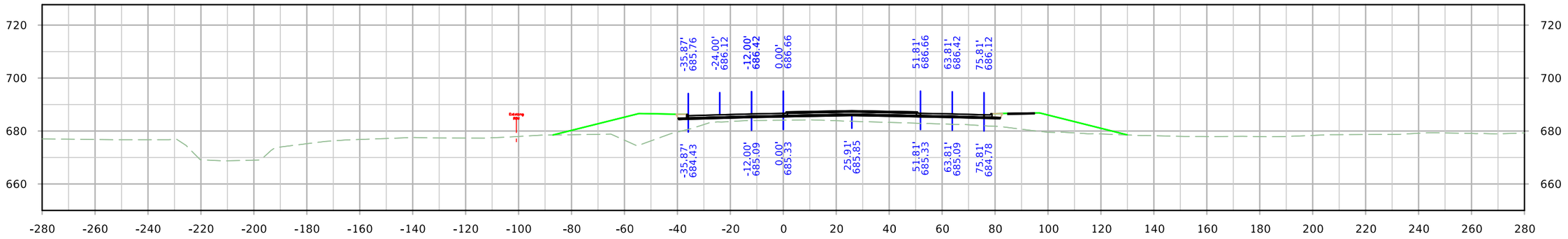
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.33

3:25:36 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

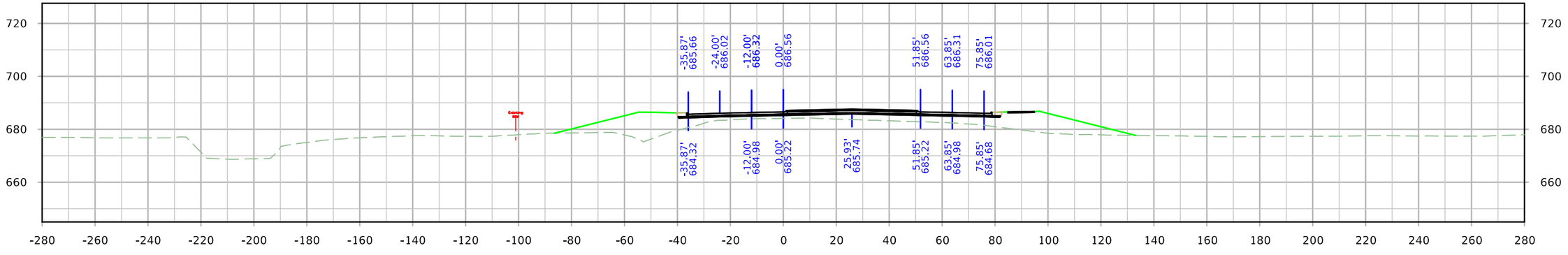
SRMIDDLE



STA. 233+75.00



STA. 233+54.93

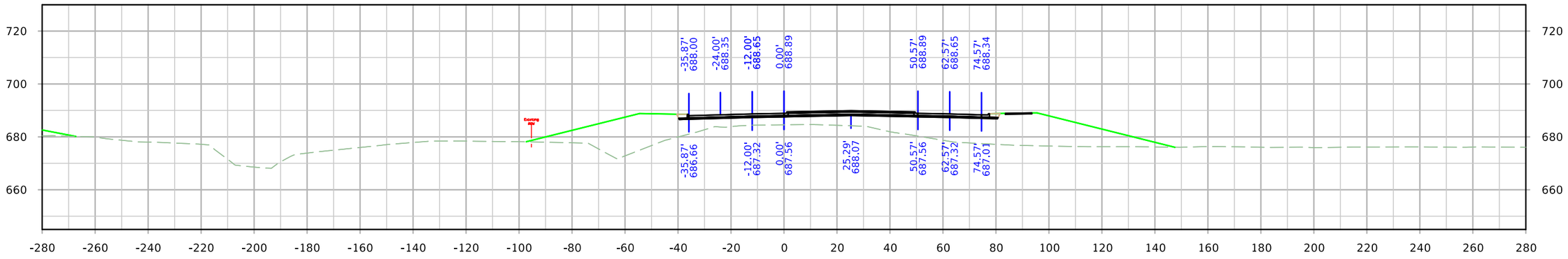


STA. 233+50.00

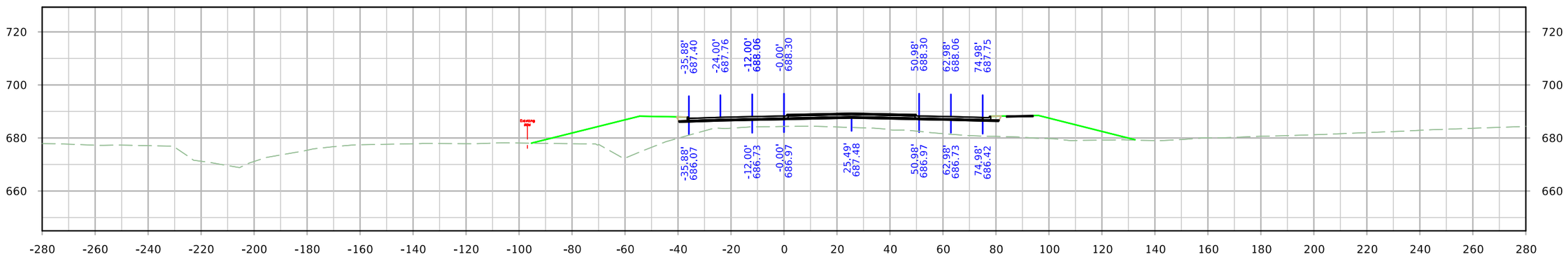
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.34

3:25:37 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

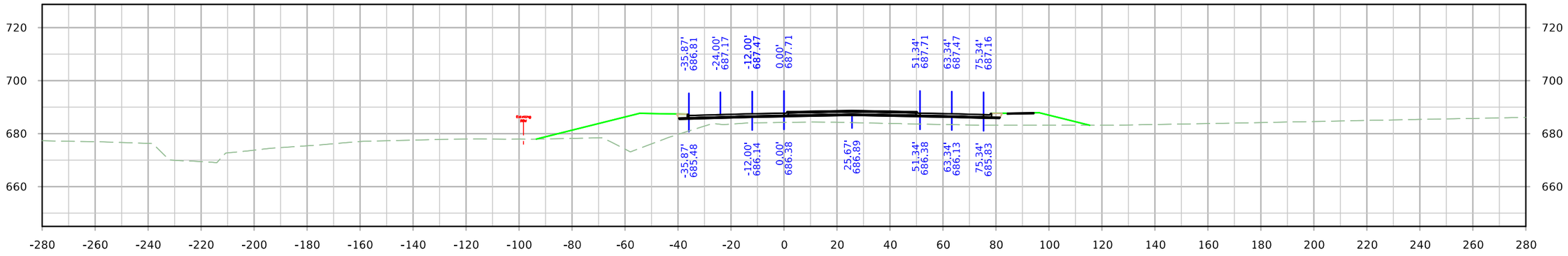
SRMIDDLE



STA. 234+50.00



STA. 234+25.00

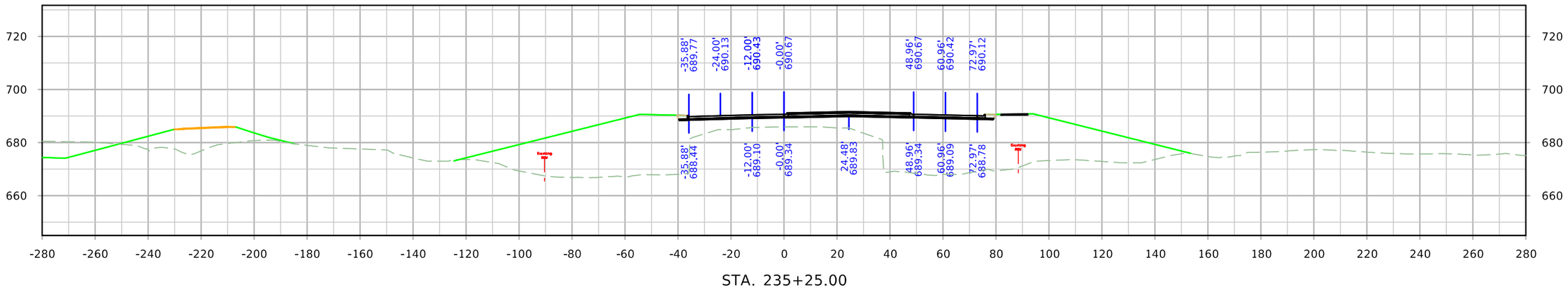


STA. 234+00.00

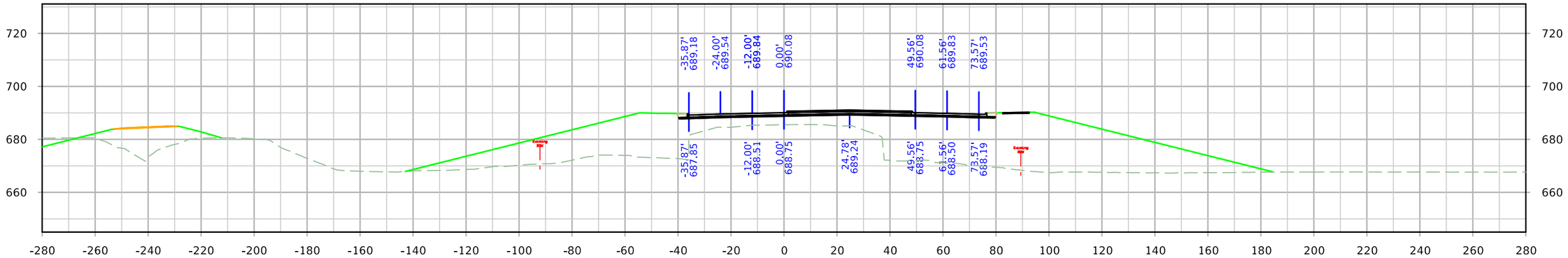
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.35

3:25:39 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

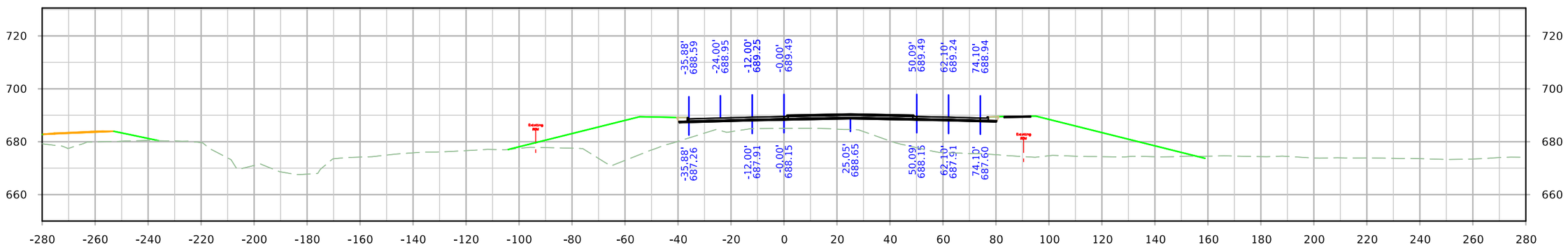
SRMIDDLE



STA. 235+25.00



STA. 235+00.00

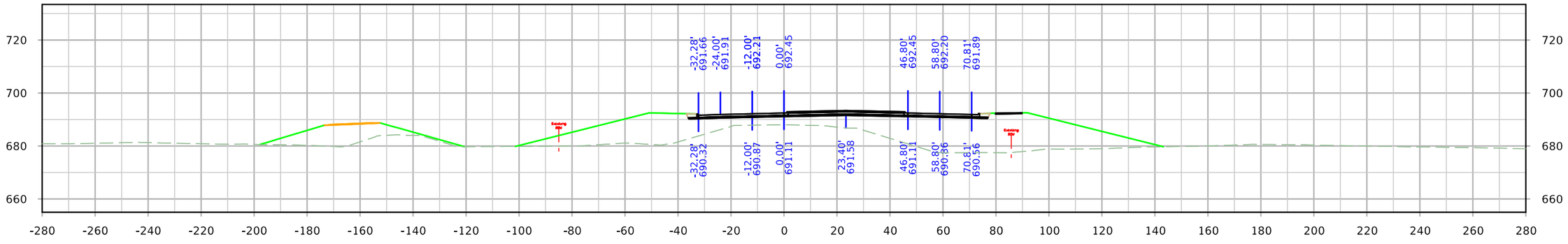


STA. 234+75.00

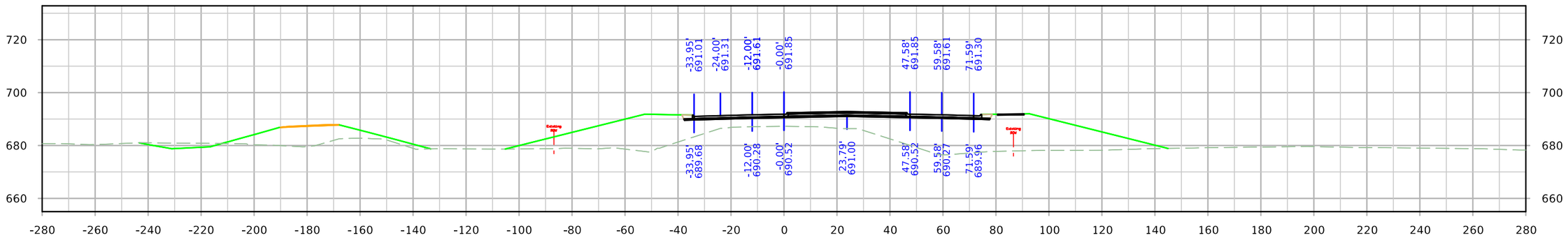
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.36

3:25:40 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

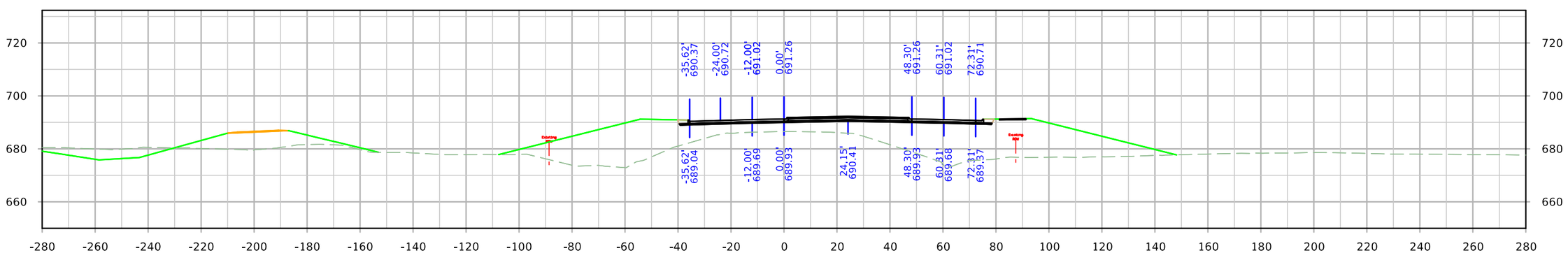
SRMIDDLE



STA. 236+00.00



STA. 235+75.00



STA. 235+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.37

3:25:41 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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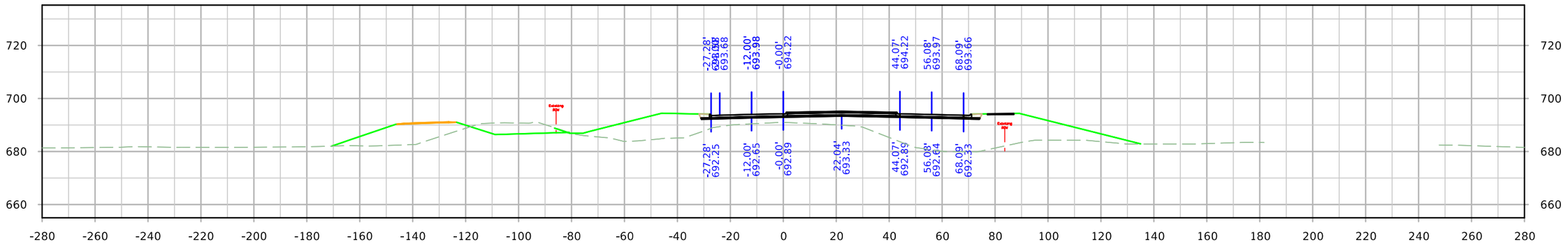
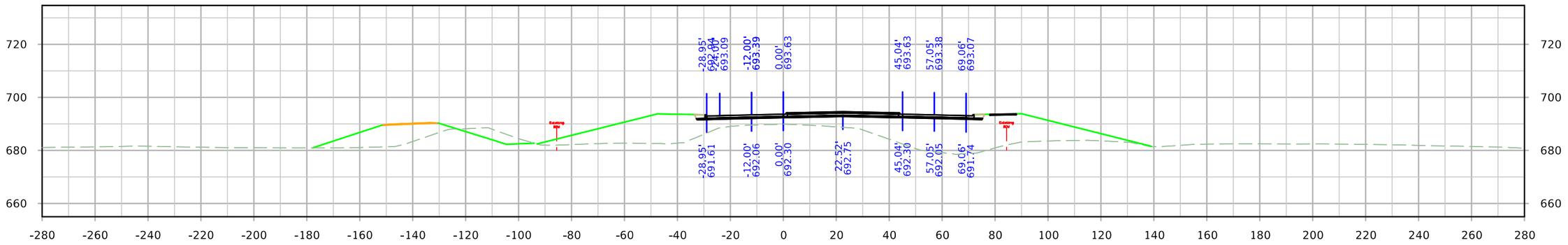
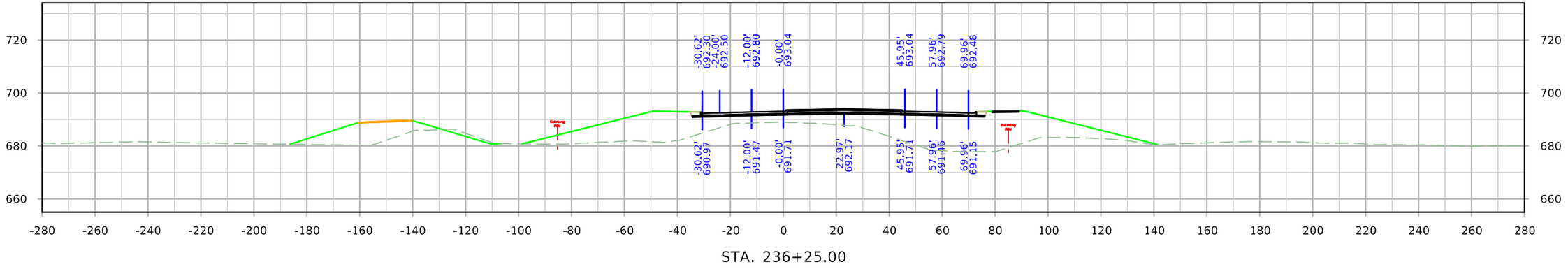


STA. 236+75.00



STA. 236+50.00

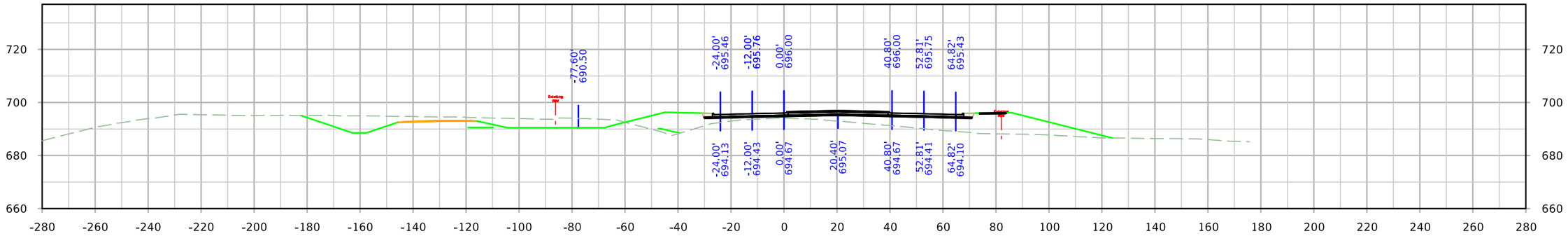


STA. 236+25.00

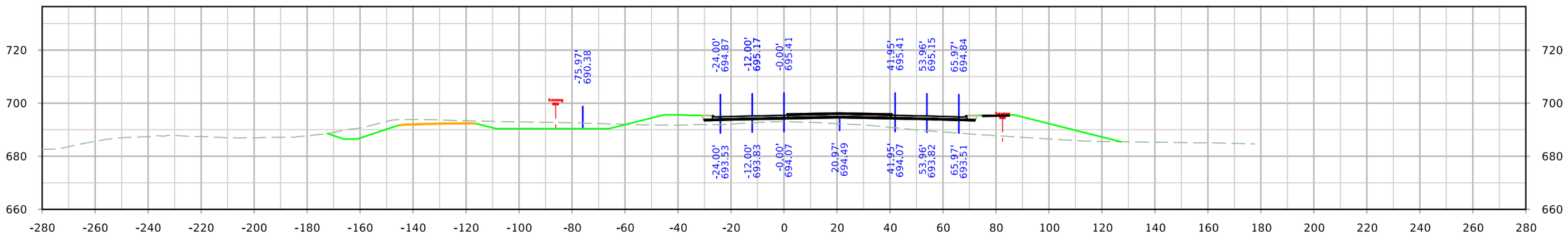
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.38

3:25:42 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

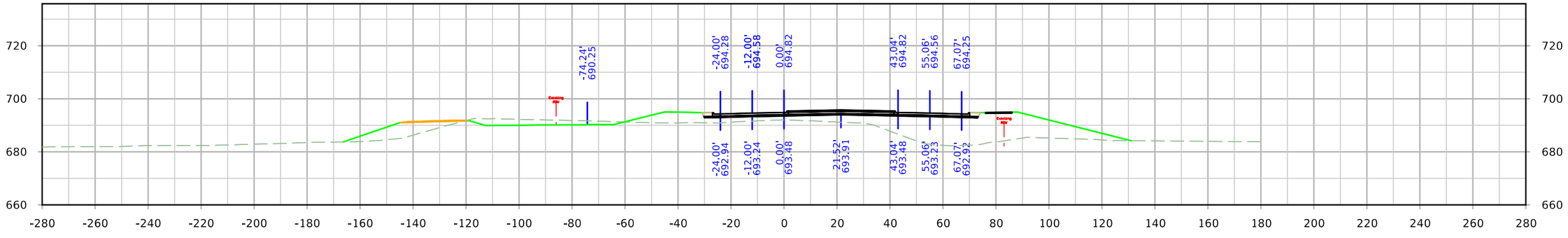
SRMIDDLE



STA. 237+50.00



STA. 237+25.00



STA. 237+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.39

3:25:43 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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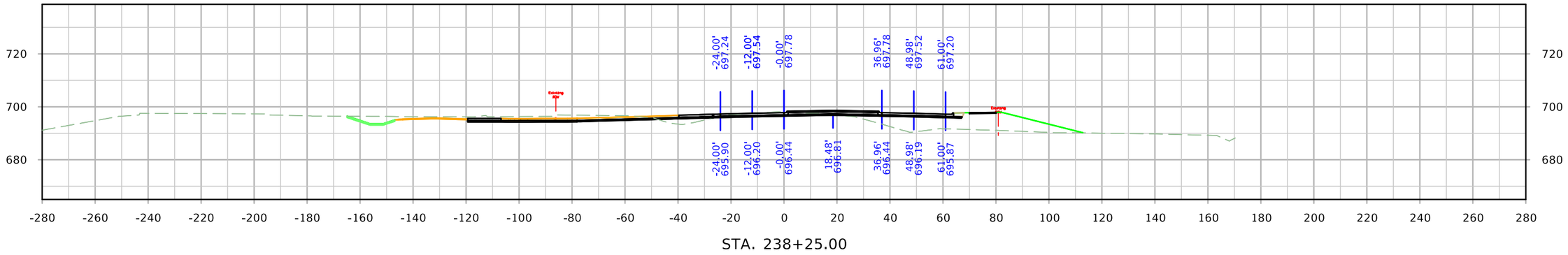
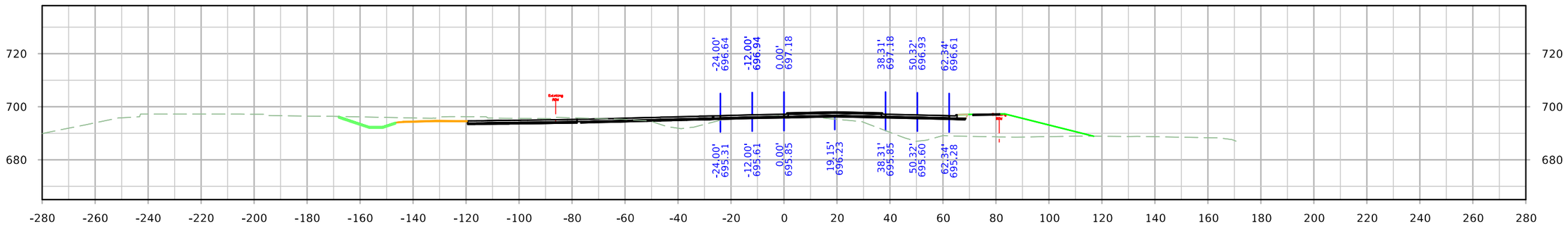
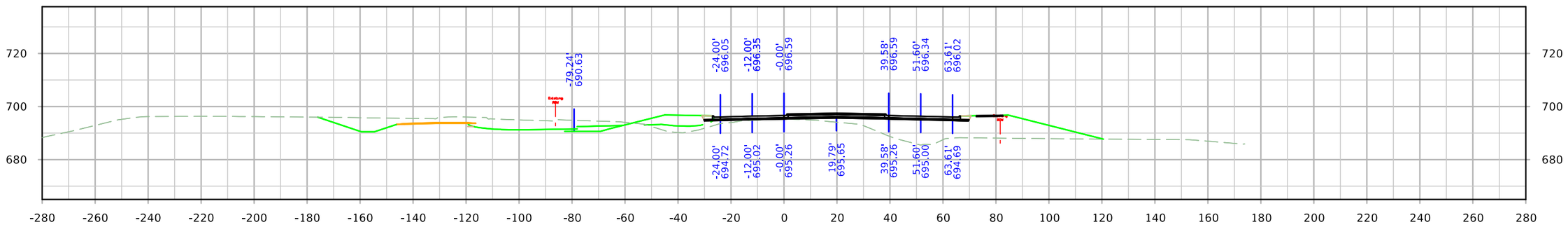


STA. 238+25.00



STA. 238+00.00

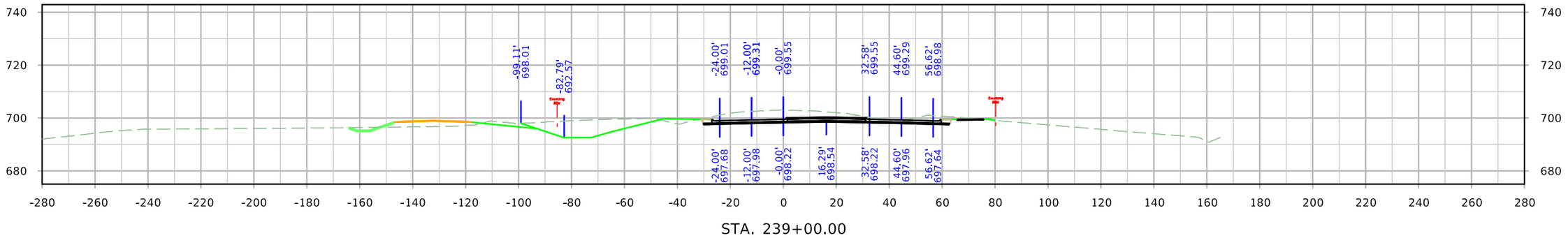


STA. 237+75.00

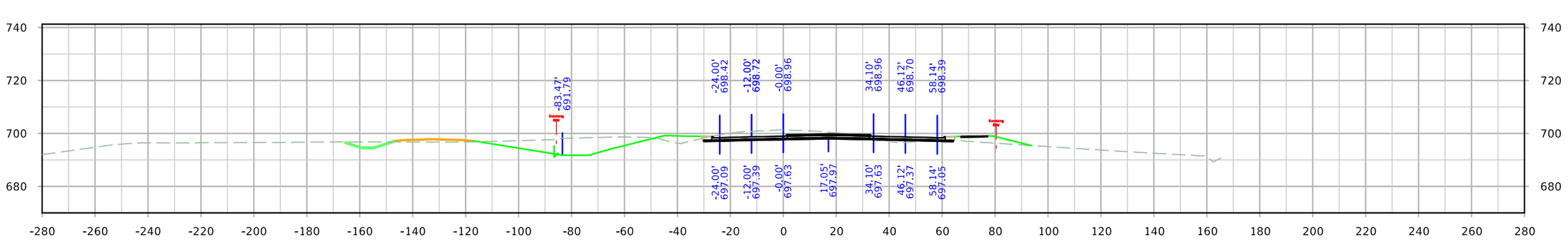
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.40

3:25:44 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

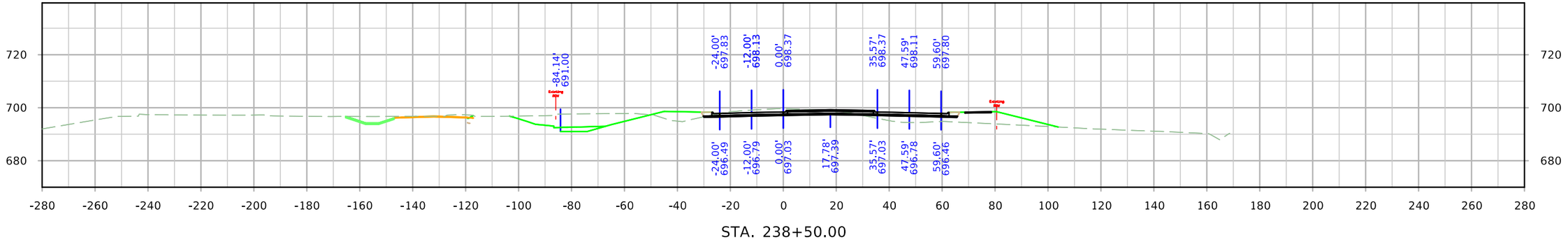
SRMIDDLE



STA. 239+00.00



STA. 238+75.00

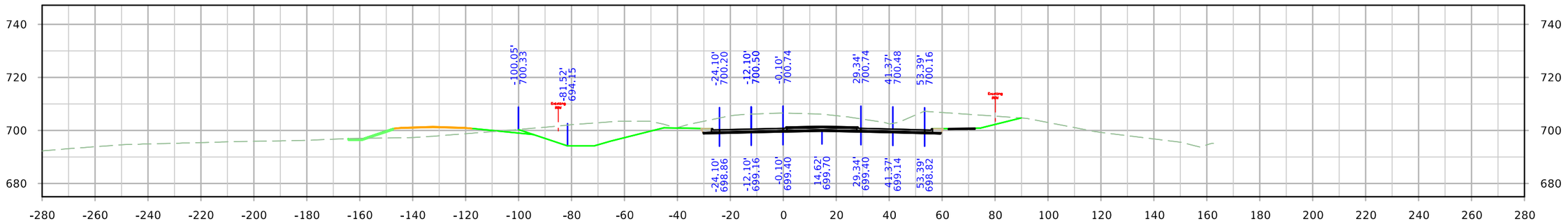


STA. 238+50.00

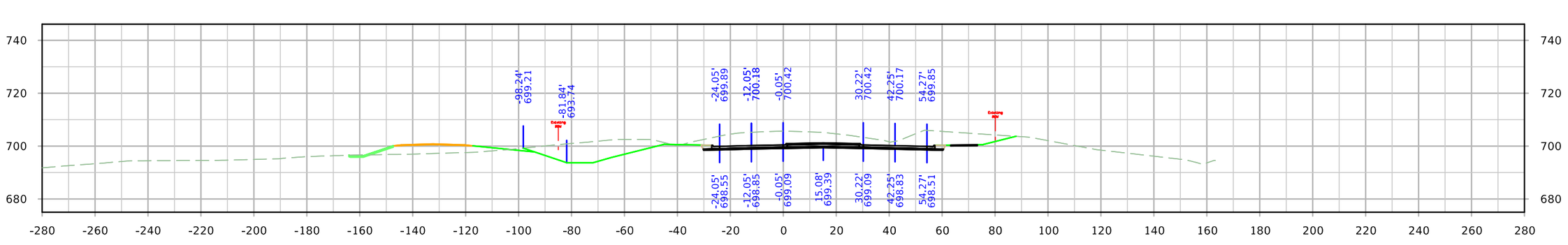
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.41	

3:25:45 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

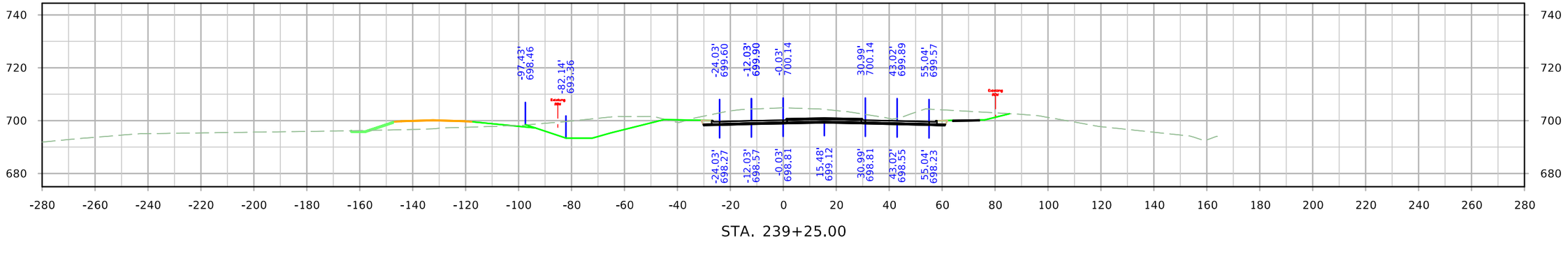
SRMIDDLE



STA. 239+50.00



STA. 239+36.85

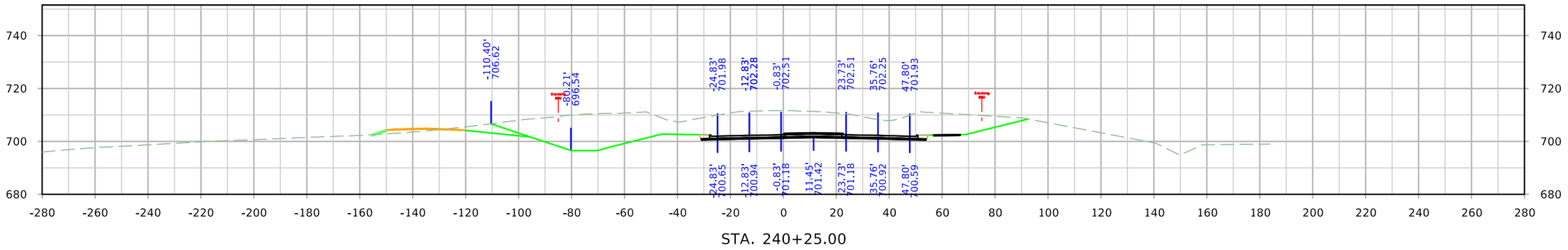


STA. 239+25.00

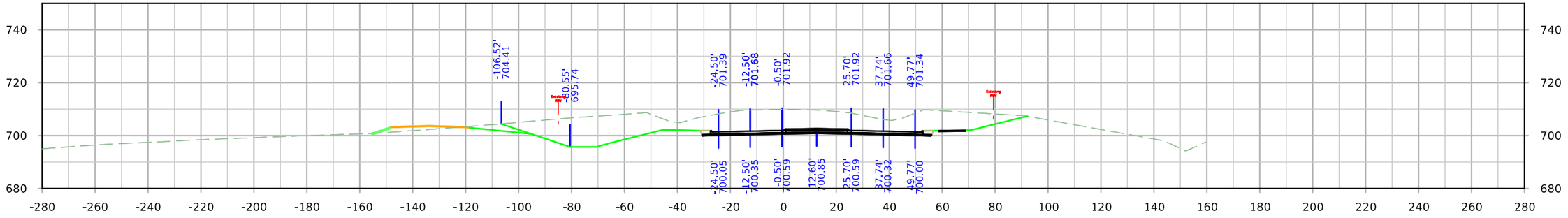
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.42

3:25:46 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

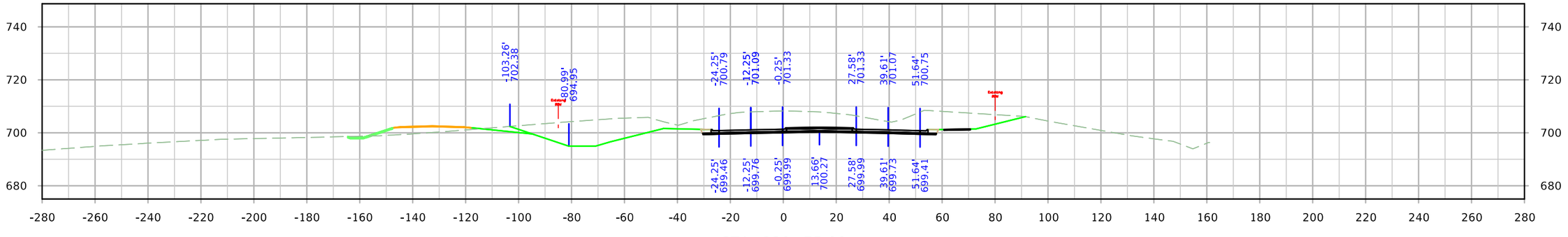
SRMIDDLE



STA. 240+25.00



STA. 240+00.00

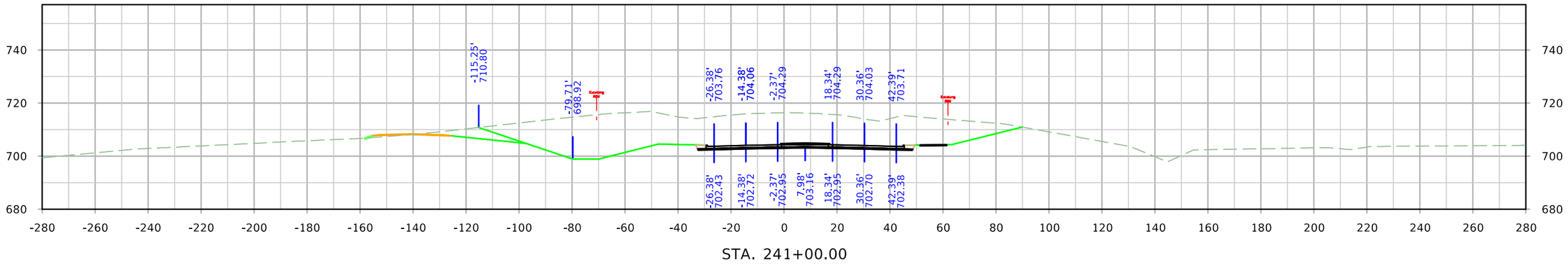


STA. 239+75.00

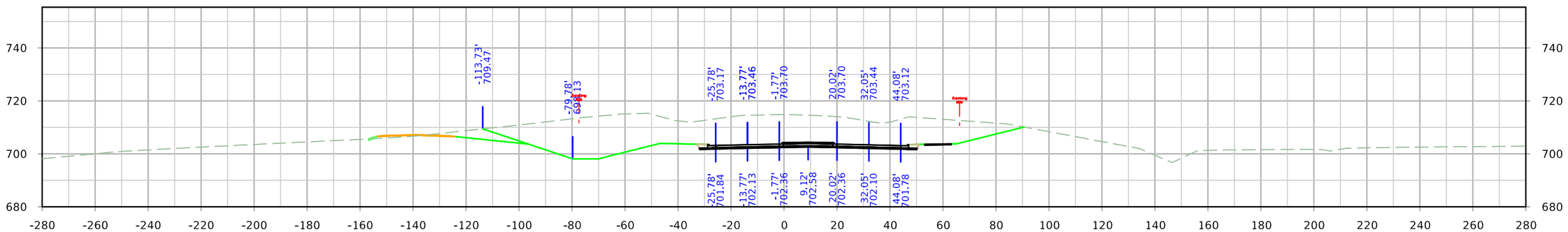
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.43

3:25:47 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

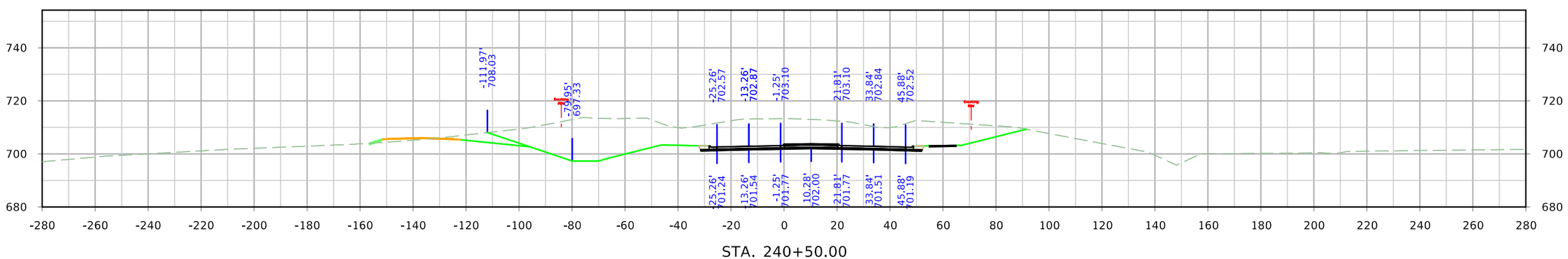
SRMIDDLE



STA. 241+00.00



STA. 240+75.00

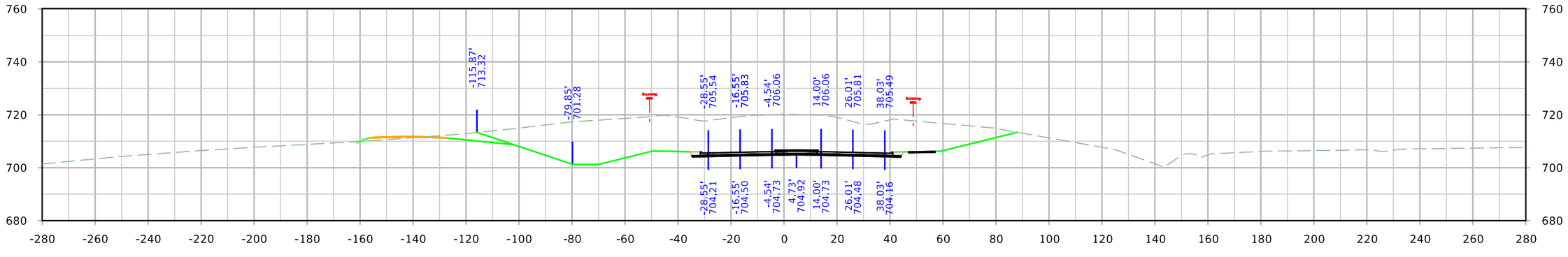


STA. 240+50.00

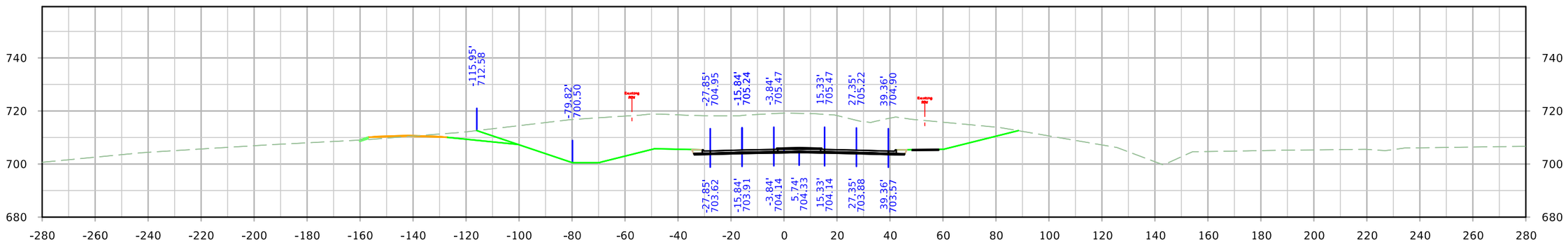
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.44

3:25:48 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

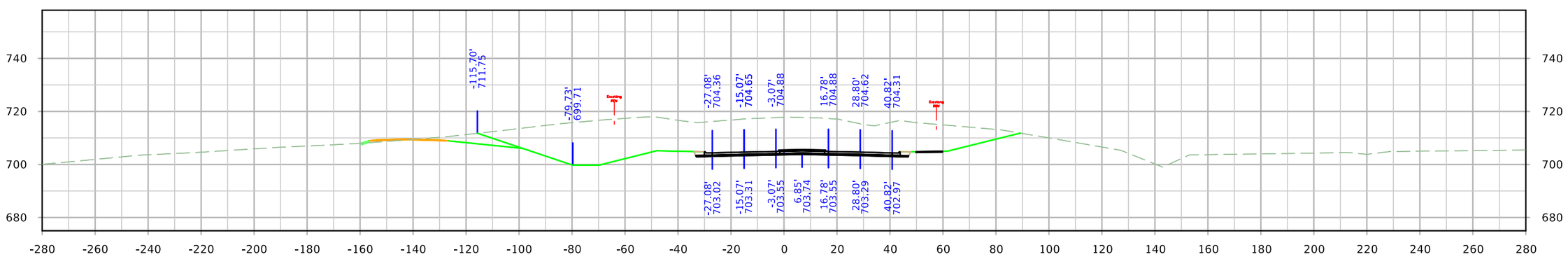
SRMIDDLE



STA. 241+75.00



STA. 241+50.00



STA. 241+25.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.45

3:25:49 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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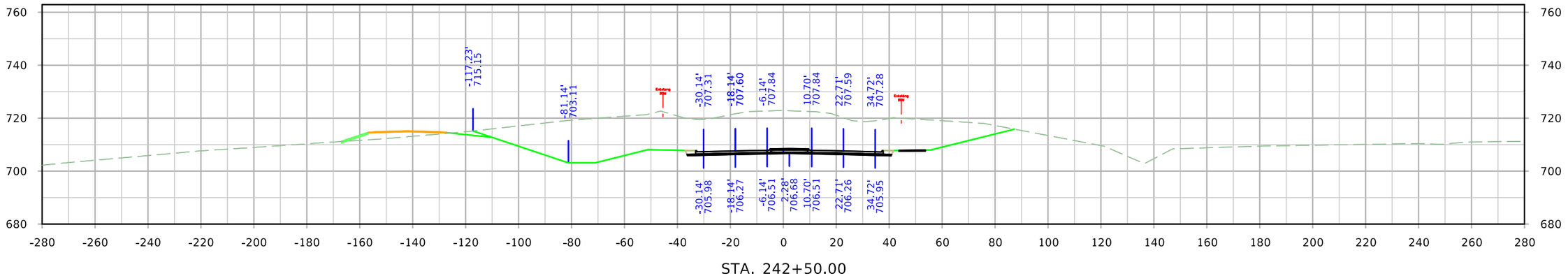

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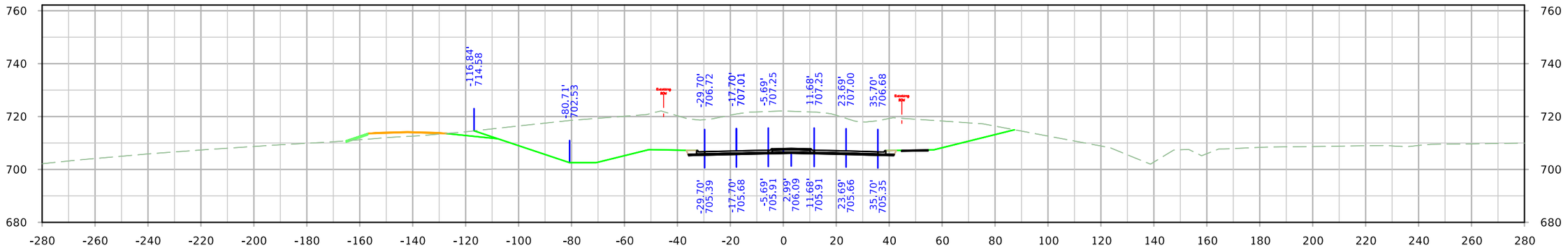
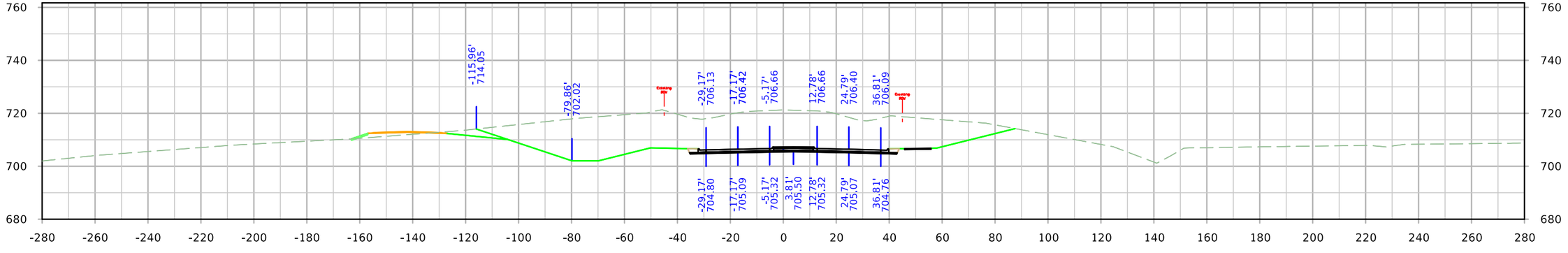


STA. 242+25.00



STA. 242+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.46	

3:25:50 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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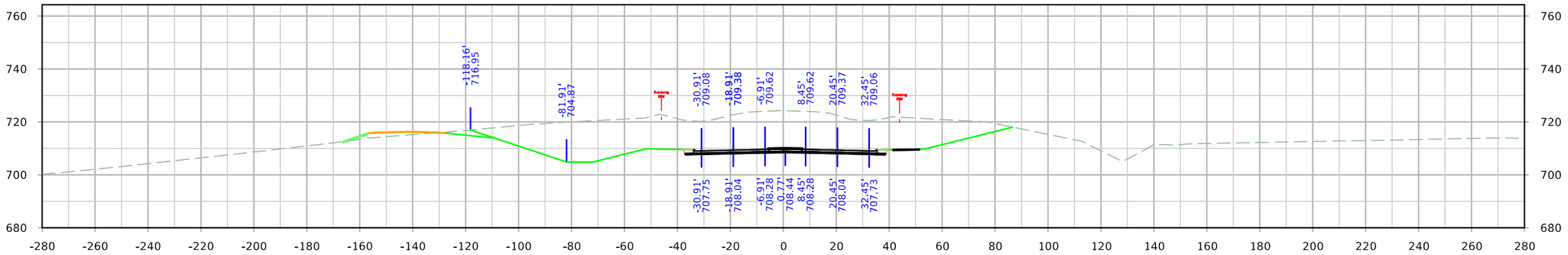
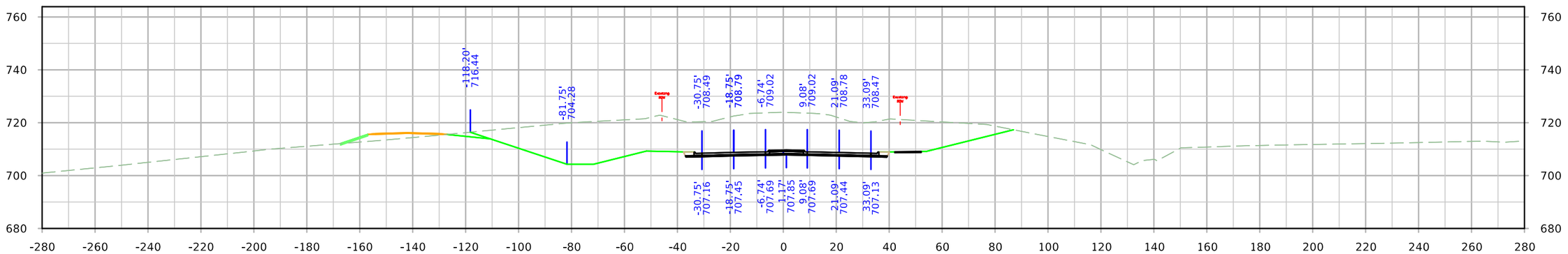
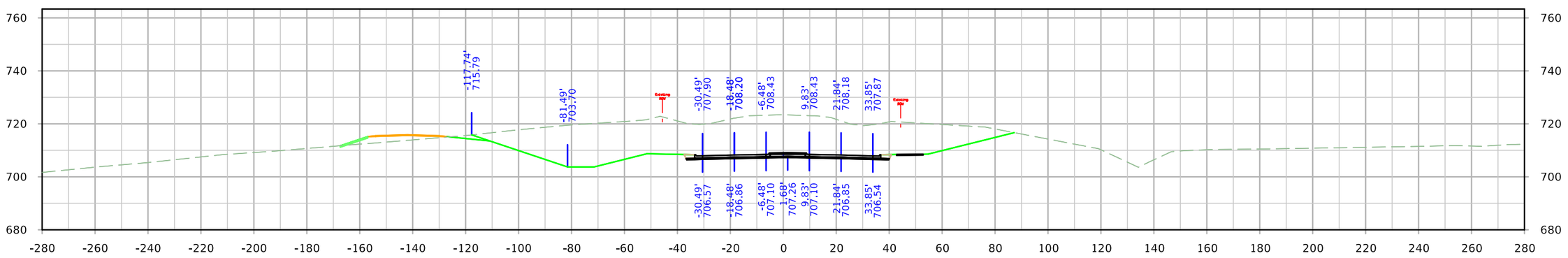


STA. 243+25.00



STA. 243+00.00

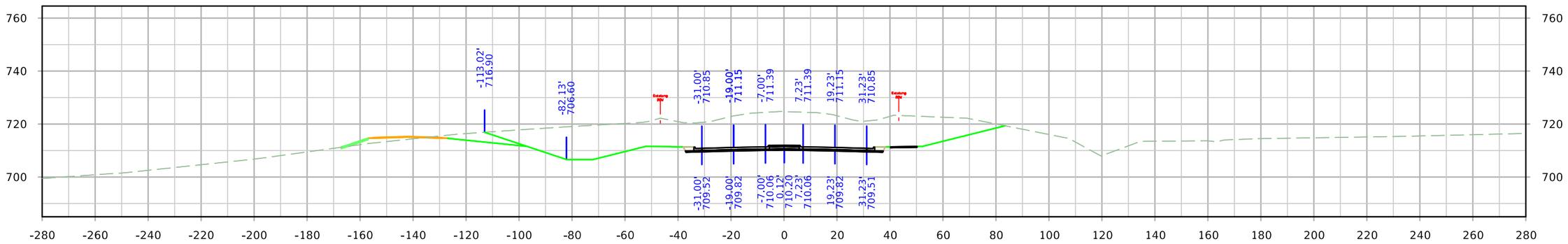


STA. 242+75.00

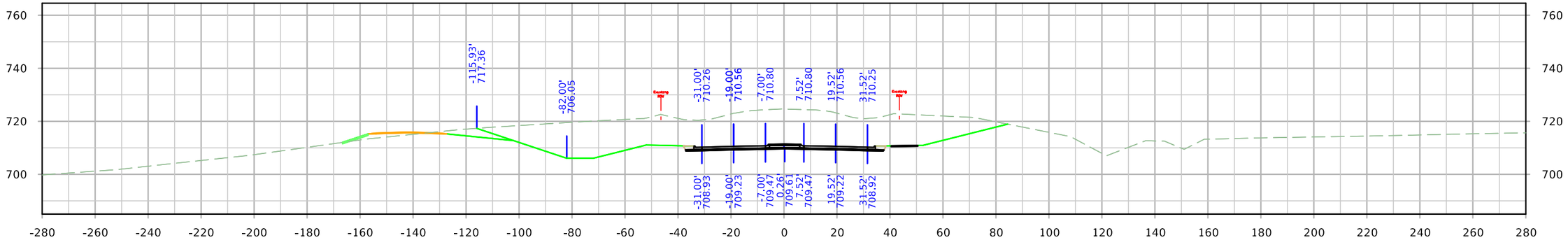
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.47

3:25:51 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

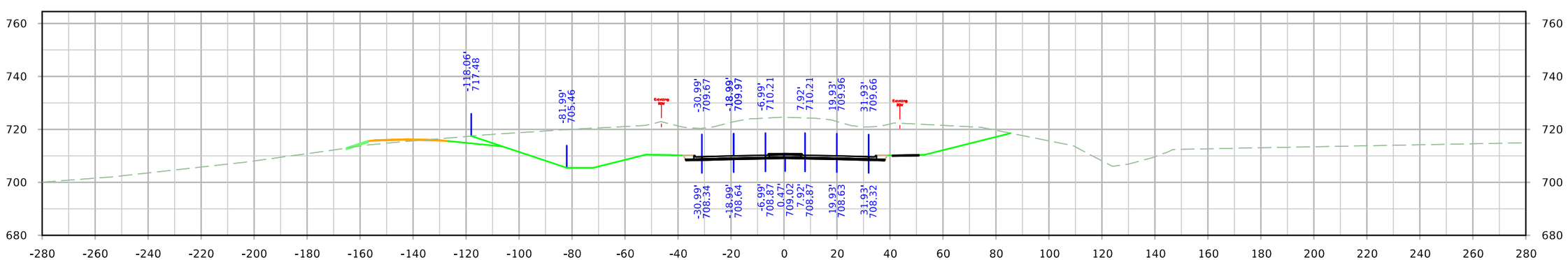
SRMIDDLE



STA. 244+00.00



STA. 243+75.00



STA. 243+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.48	

3:25:52 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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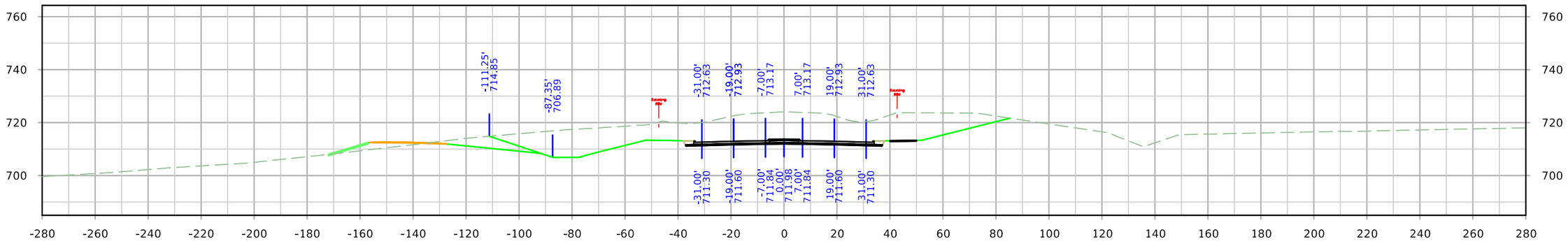
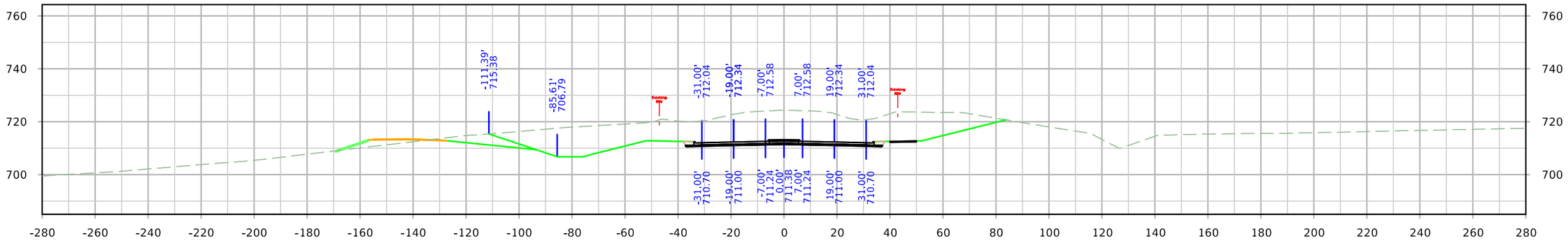
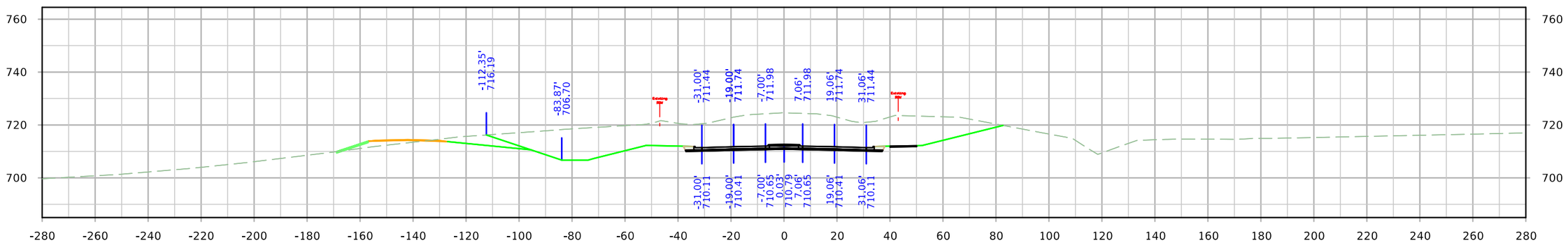


STA. 244+75.00



STA. 244+50.00



STA. 244+25.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.49

3:25:53 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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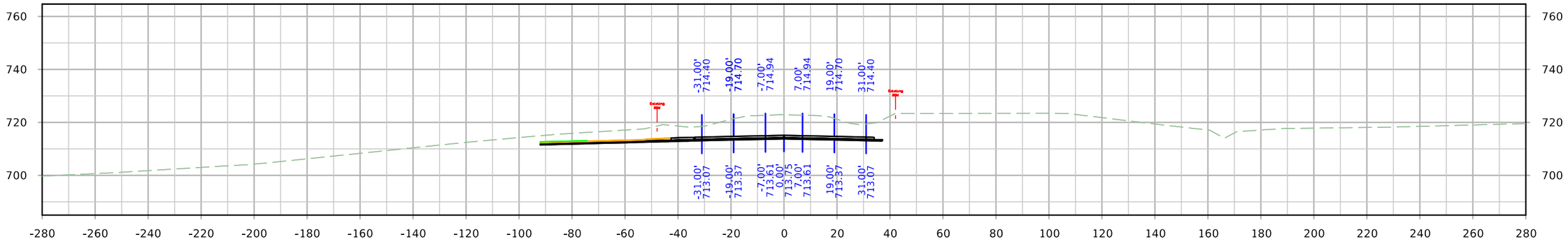

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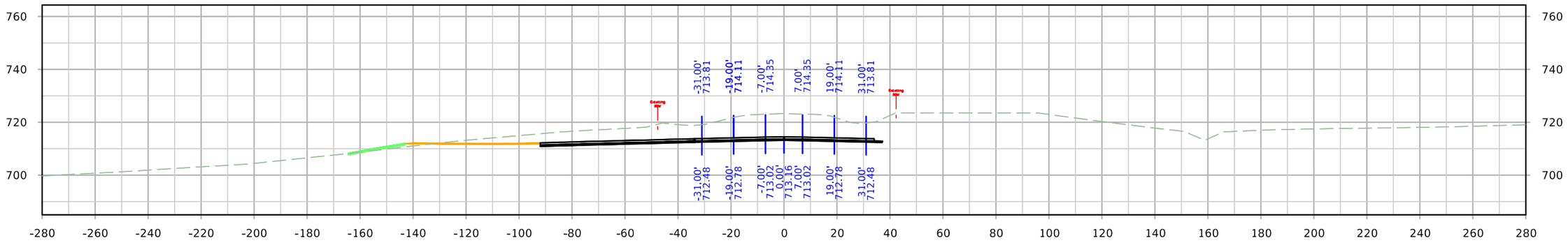
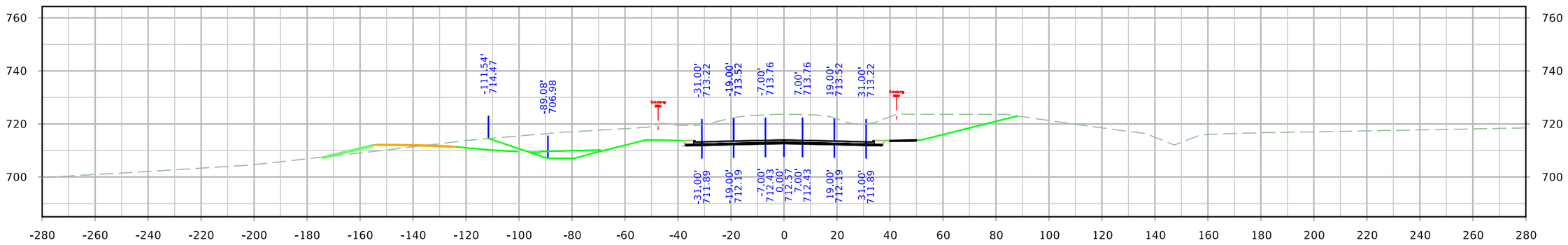


STA. 245+25.00



STA. 245+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.50

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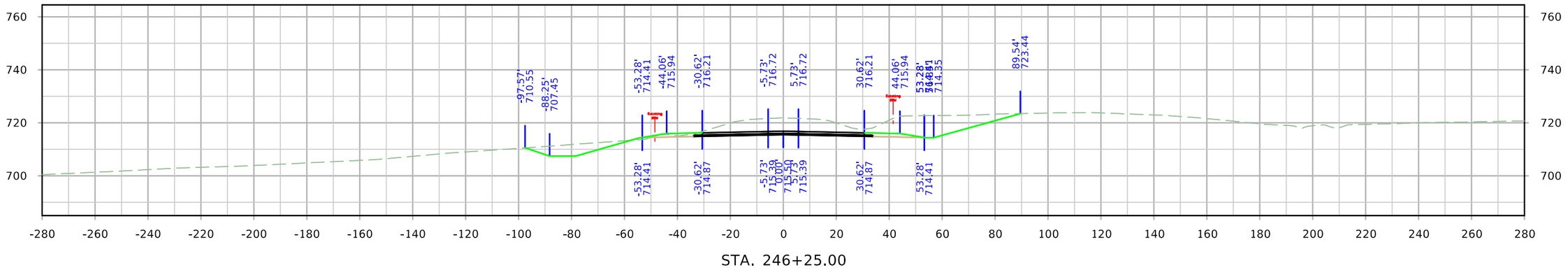

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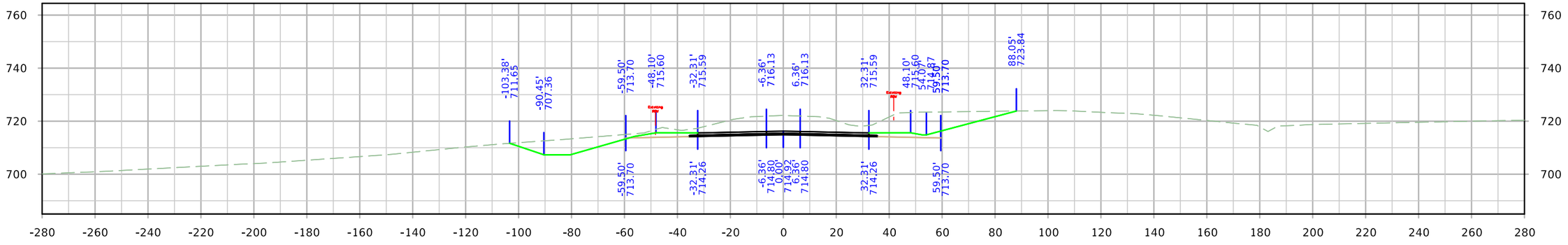
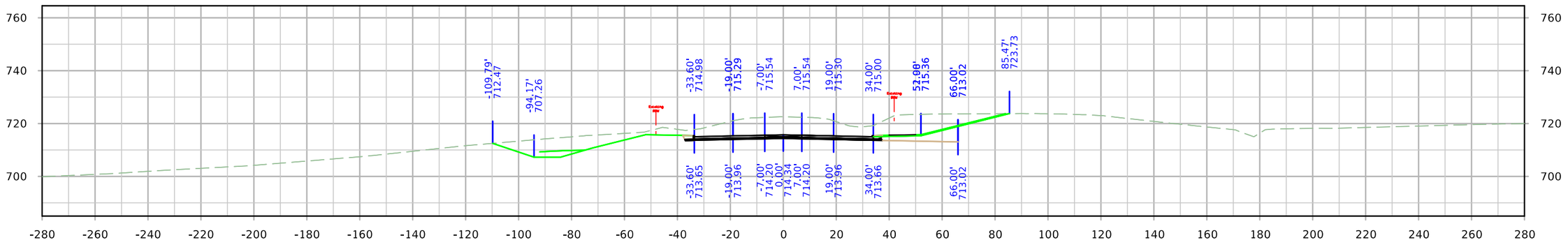


STA. 246+00.00



STA. 245+75.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.51

3:25:55 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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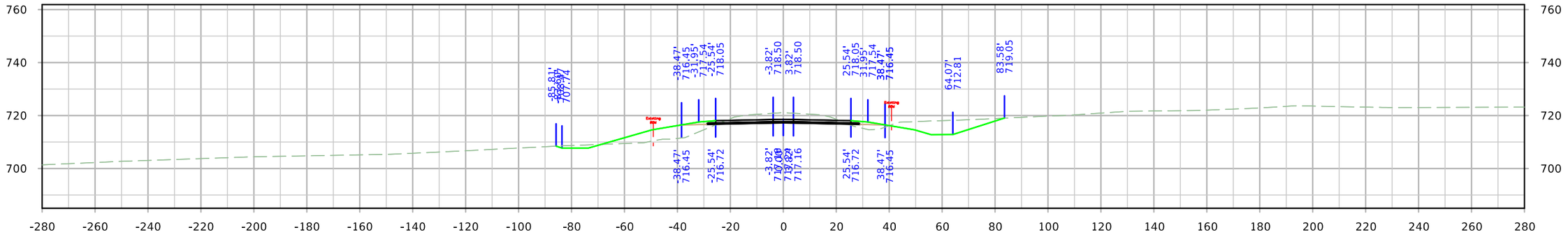
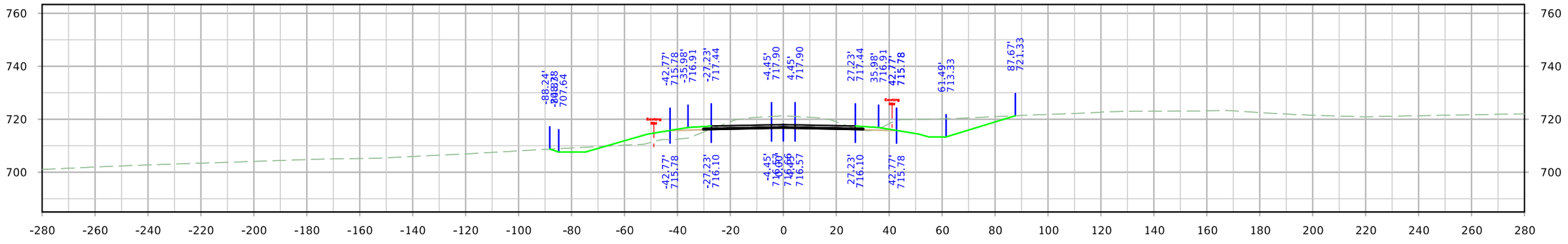
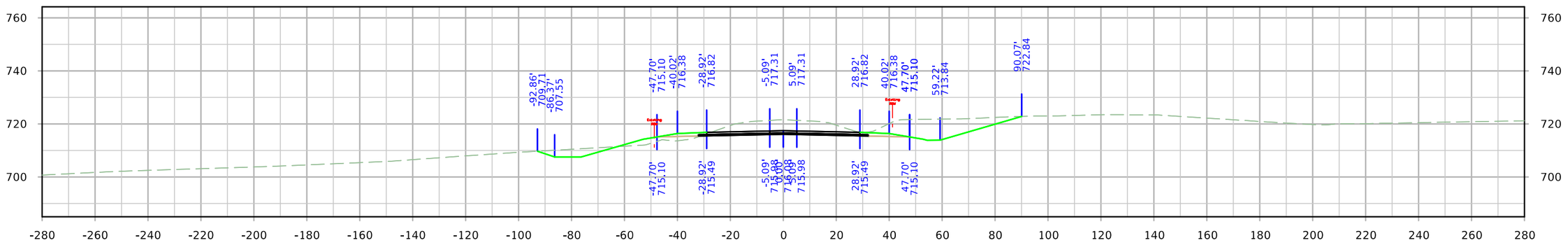


STA. 247+00.00



STA. 246+75.00



STA. 246+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.52

3:25:56 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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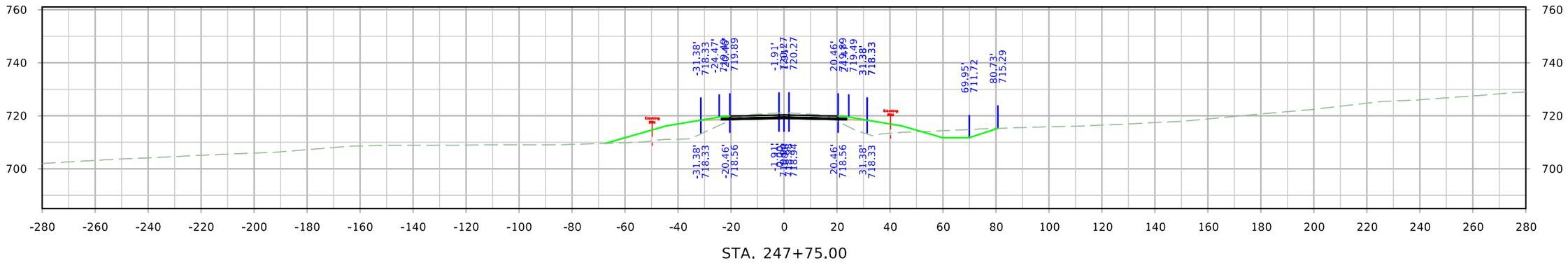

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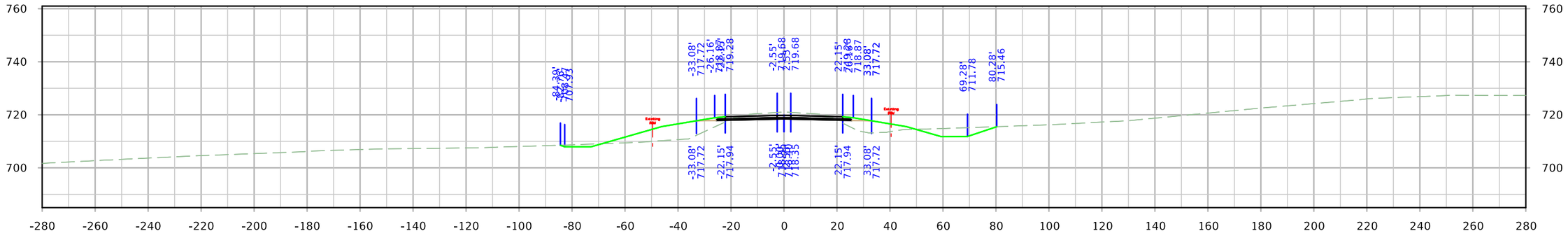
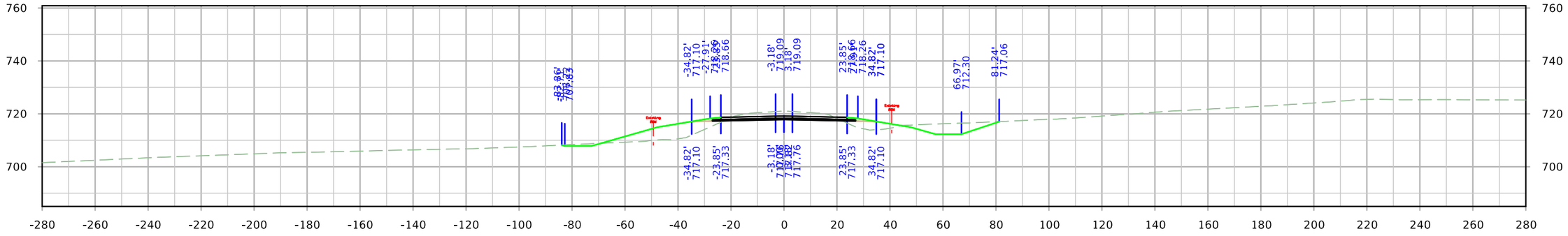


STA. 247+50.00



STA. 247+25.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.53

3:25:57 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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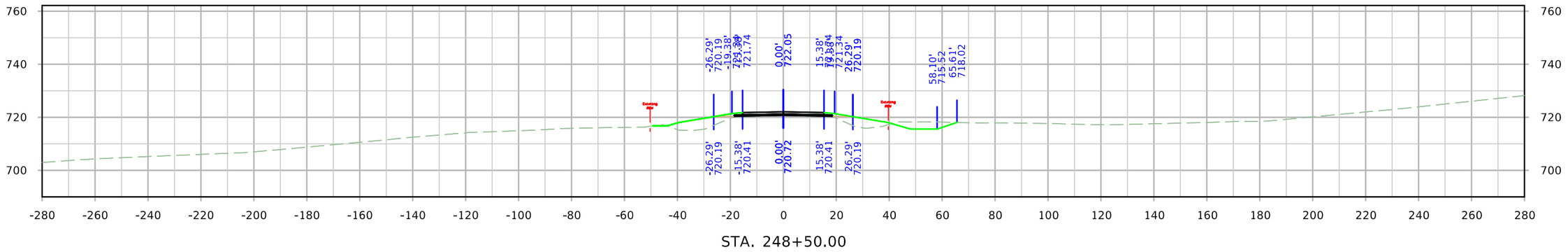
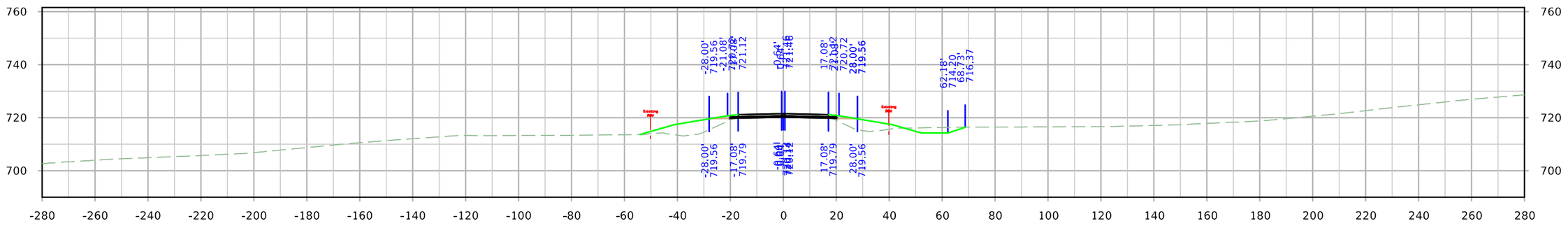
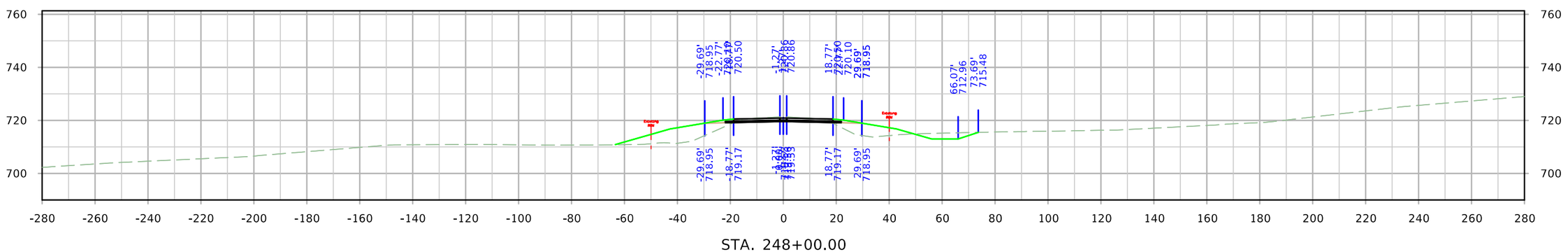


STA. 248+50.00



STA. 248+25.00



STA. 248+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.54

3:25:58 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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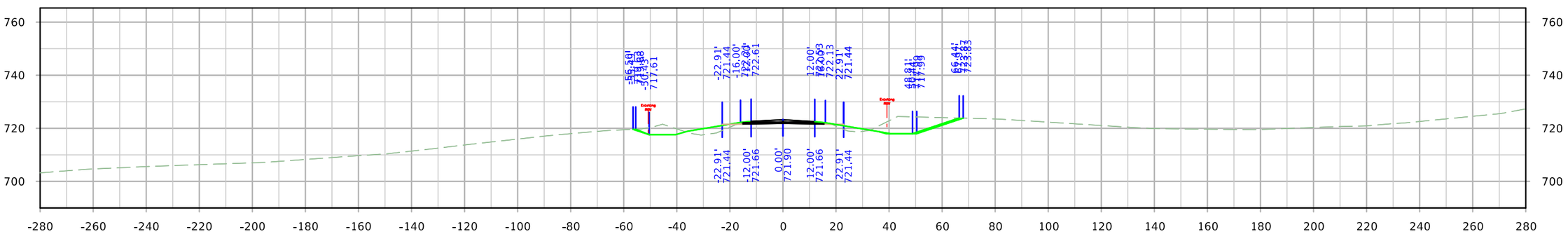

STA. 248+75.00

STA. 249+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.55

3:25:59 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

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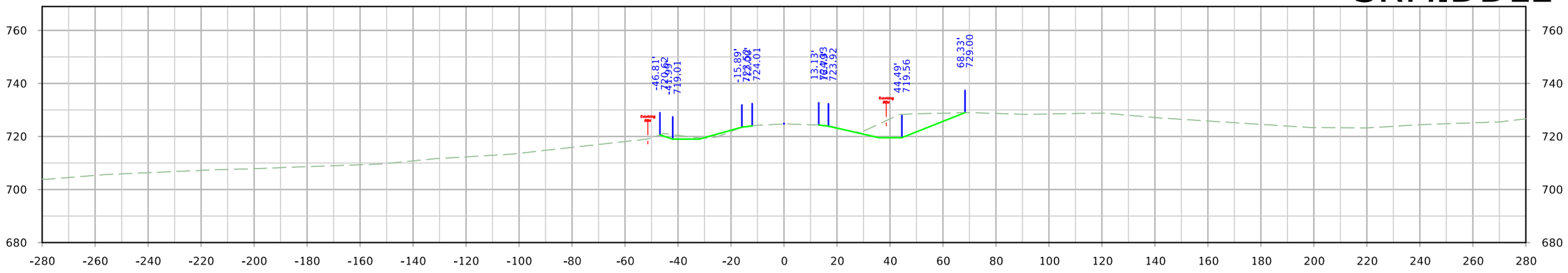
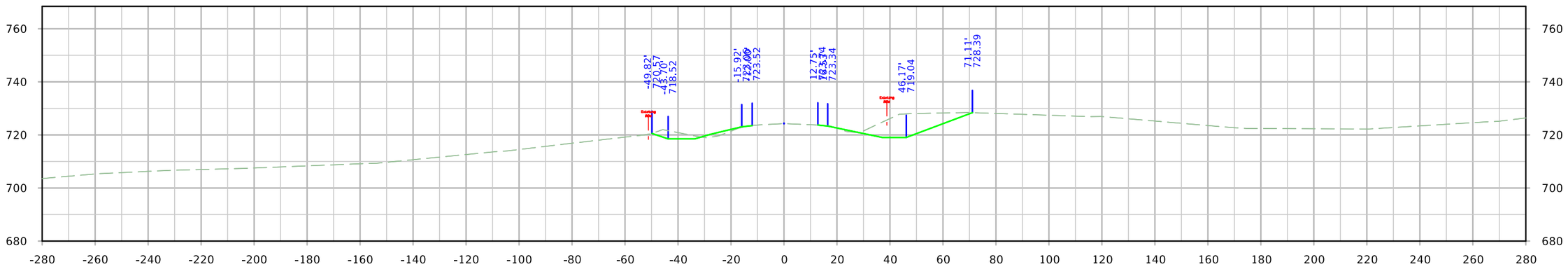
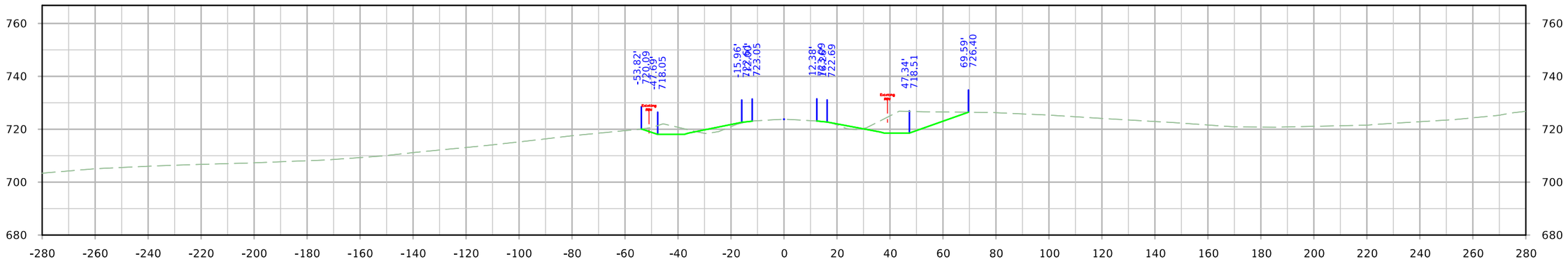


STA. 249+75.00



STA. 249+50.00

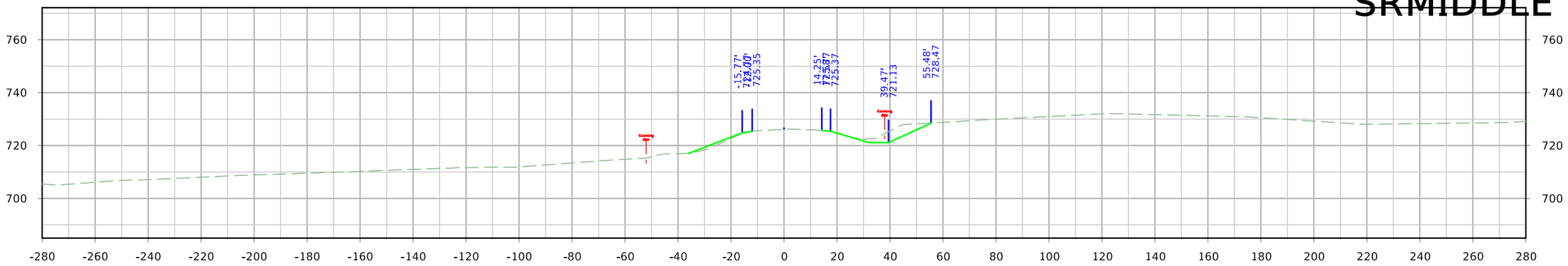


STA. 249+25.00

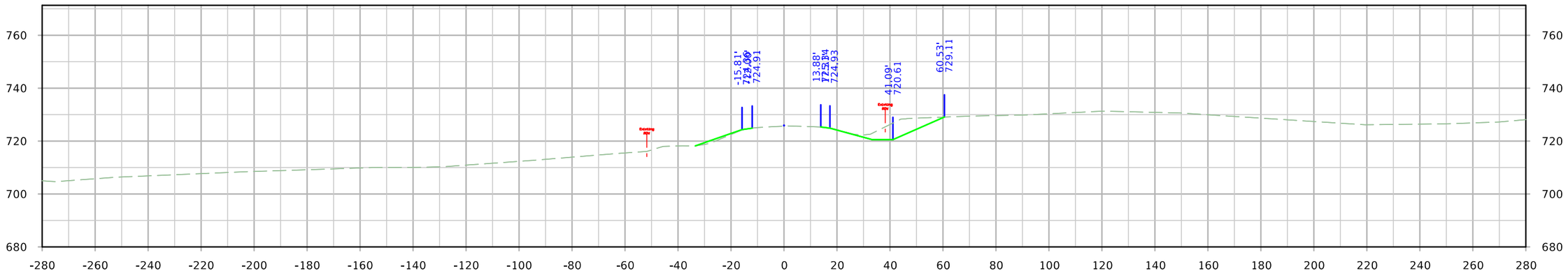
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.56

3:26:00 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

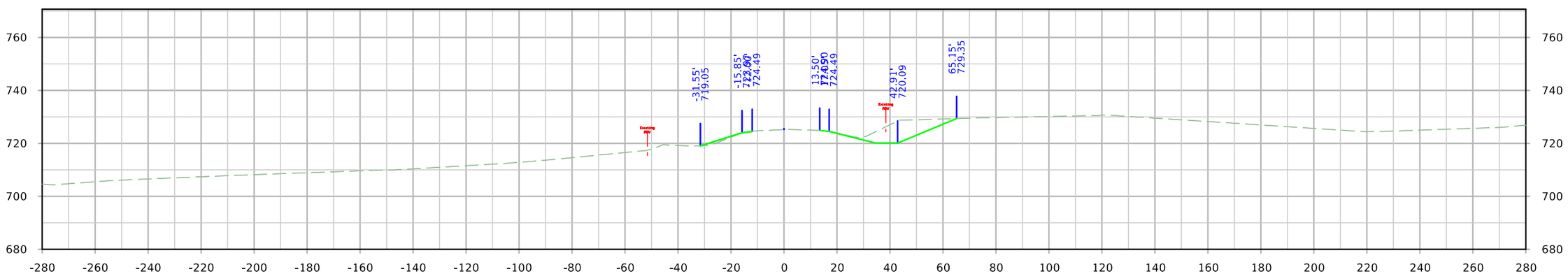
SRMIDDLE



STA. 250+50.00



STA. 250+25.00

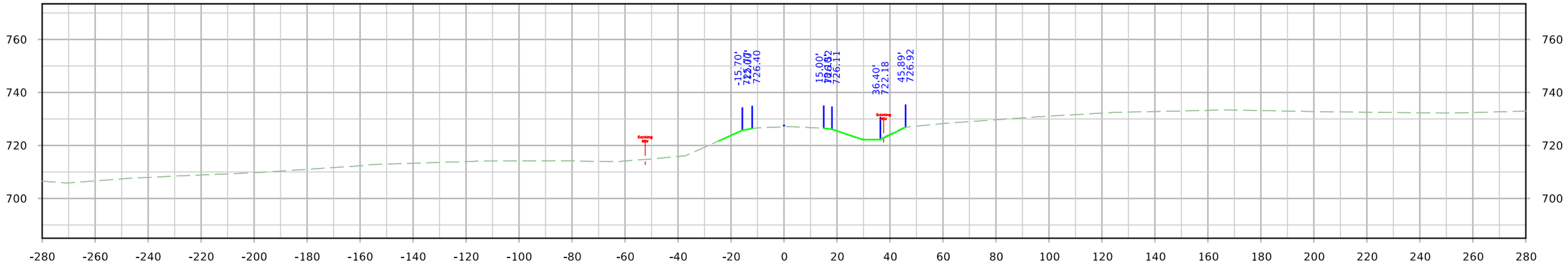


STA. 250+00.00

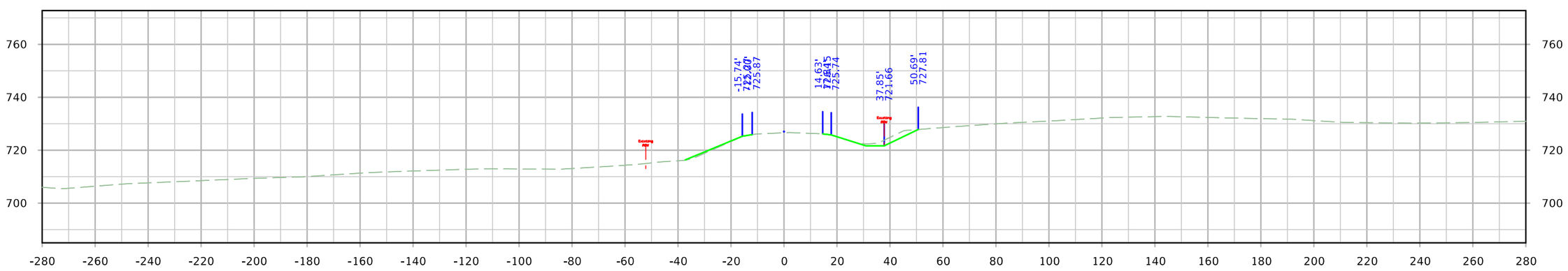
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.57

3:26:01 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

SRMIDDLE



STA. 251+00.00

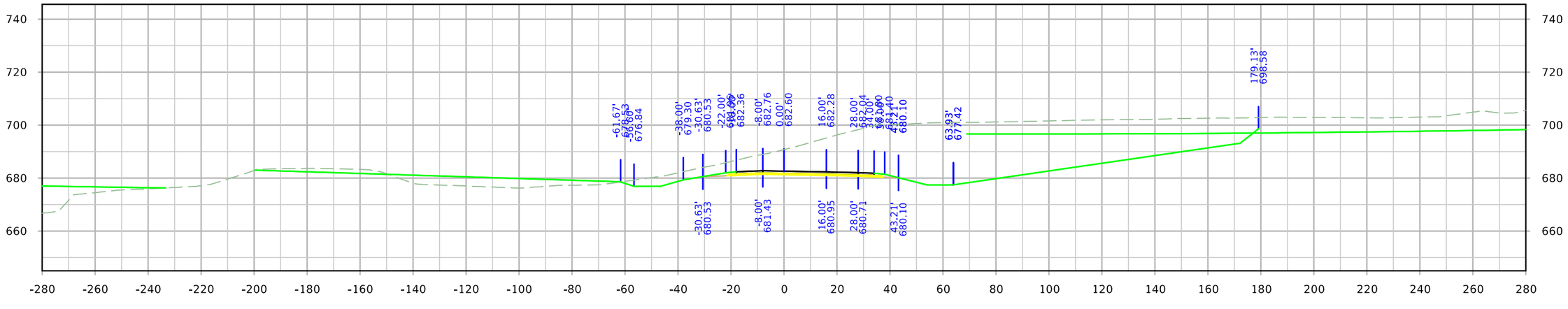


STA. 250+75.00

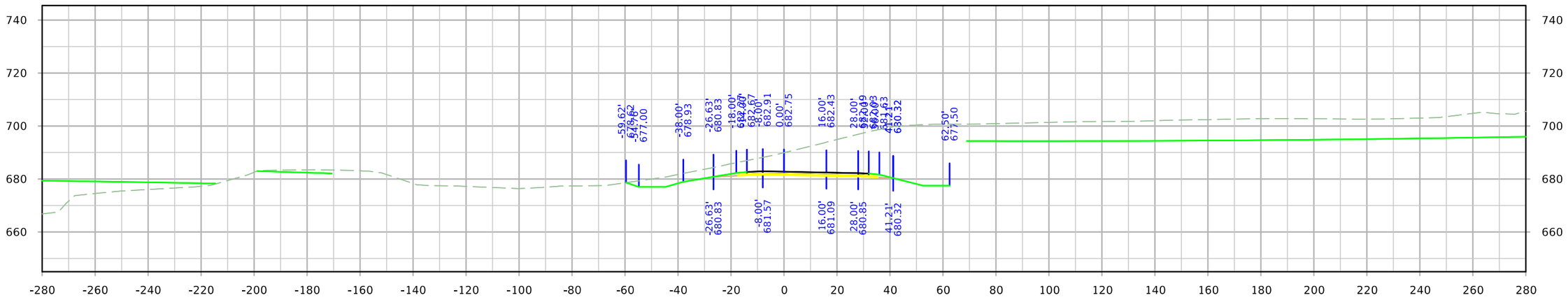
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER X.58

3:26:03 PM 10/30/2023 dtamrak pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_X1.dgn

RPAMIDDLE



STA. 5228+00.00

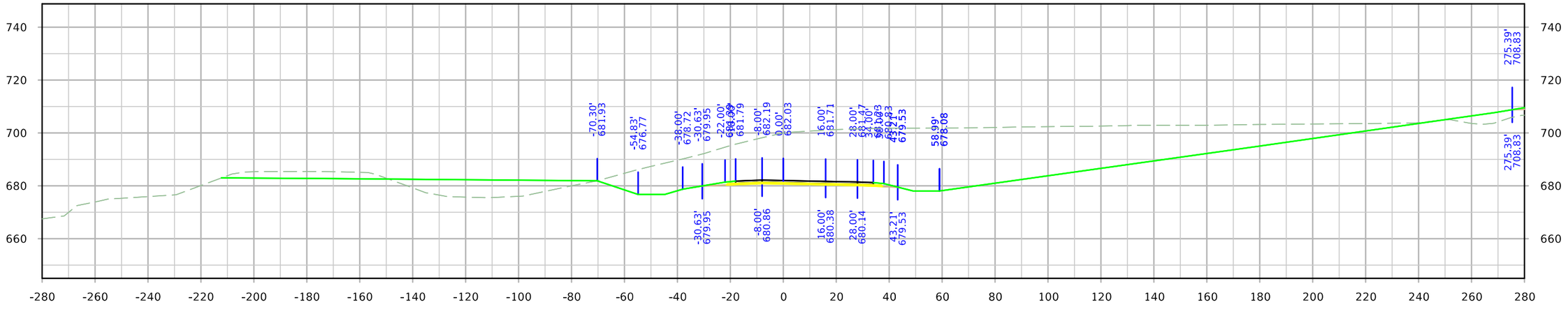


STA. 5227+90.55

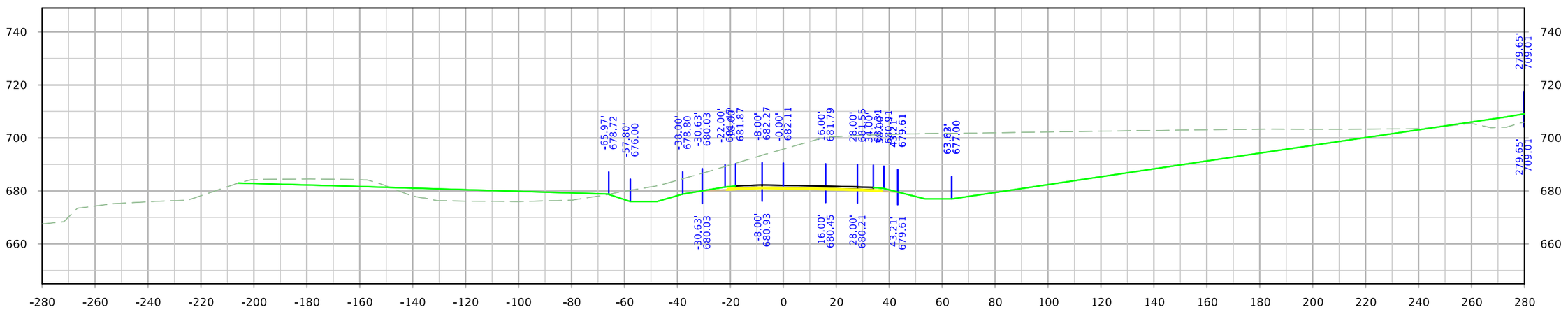
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.1

12:08:23 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y1OBLIT.dgn

RPAMIDDLE



STA. 5229+00.00

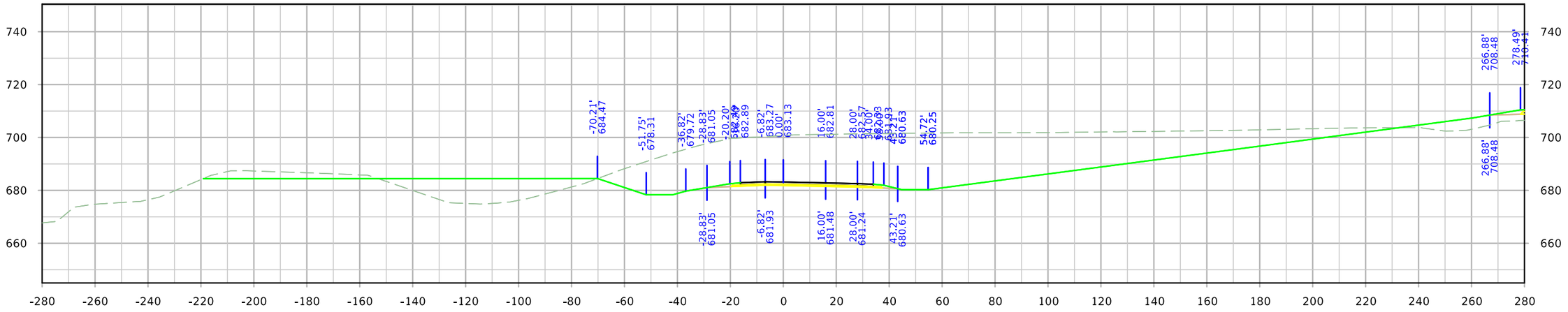


STA. 5228+50.00

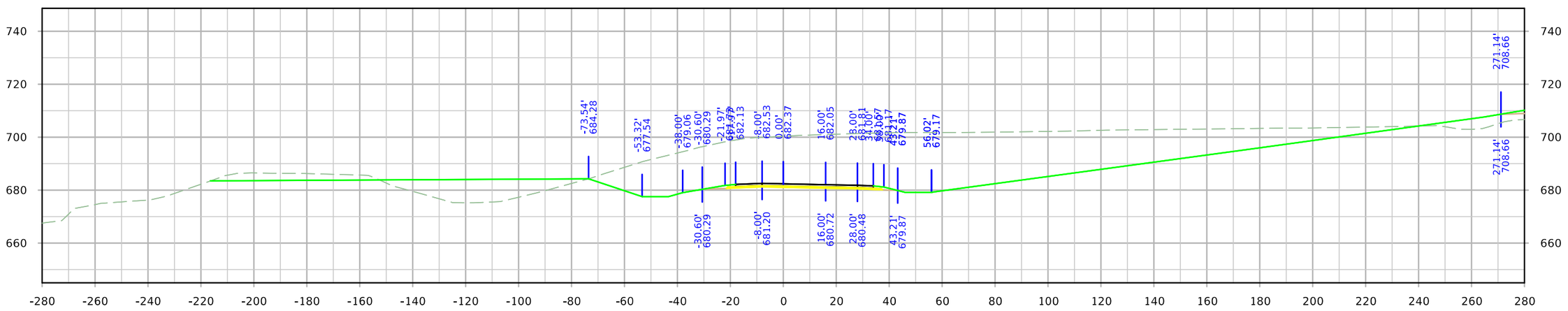
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.2

12:08:25 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y1OBLIT.dgn

RPAMIDDLE



STA. 5230+00.00

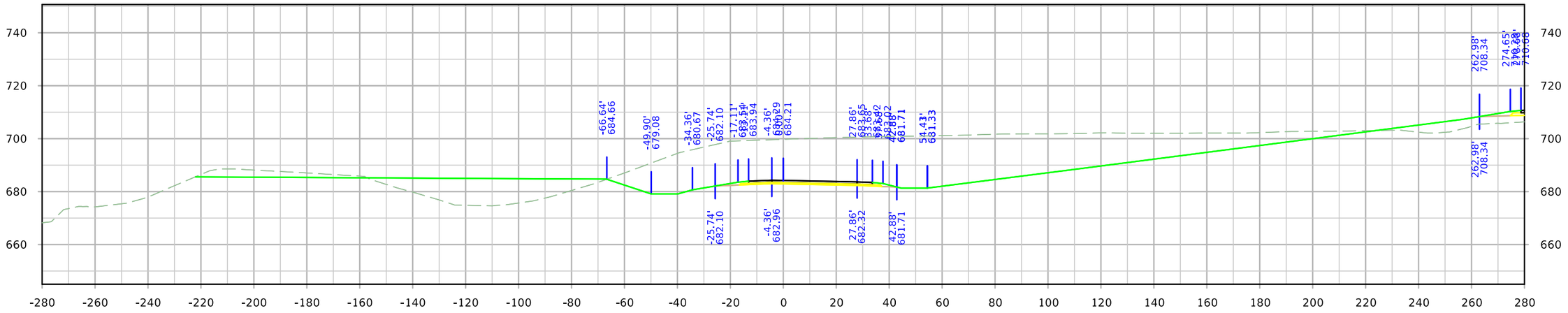


STA. 5229+50.00

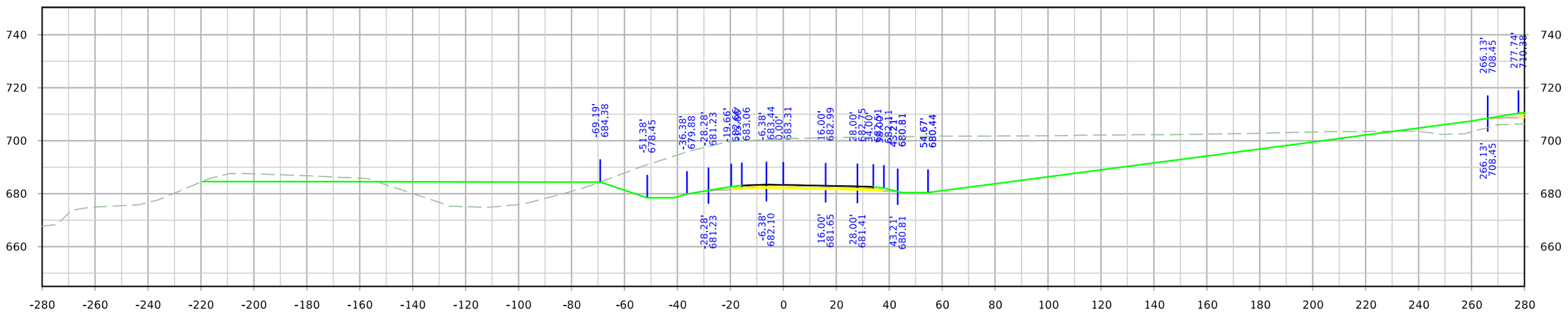
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.3	

12:08:26 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y1OBLIT.dgn

RPAMIDDLE



STA. 5230+50.00

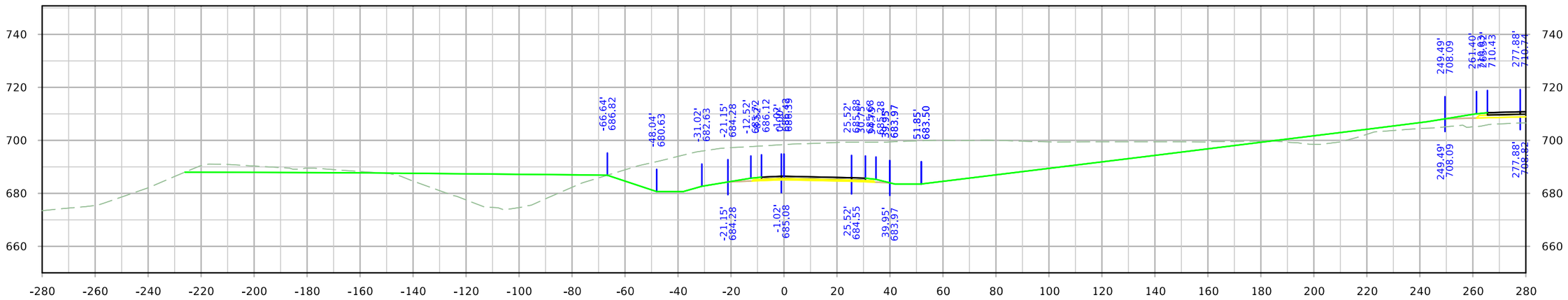


STA. 5230+08.81

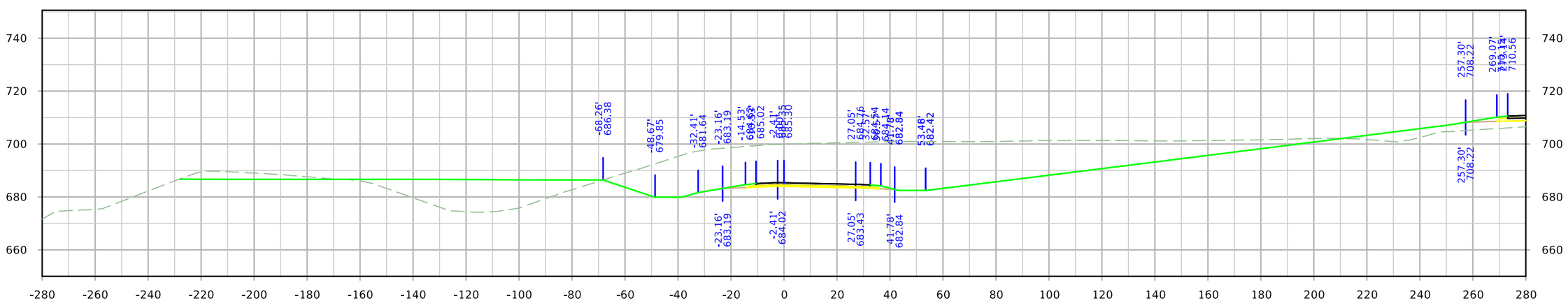
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.4

12:08:28 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y1OBLIT.dgn

RPAMIDDLE



STA. 5231+50.00



STA. 5231+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.5	

12:08:30 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y1OBLIT.dgn

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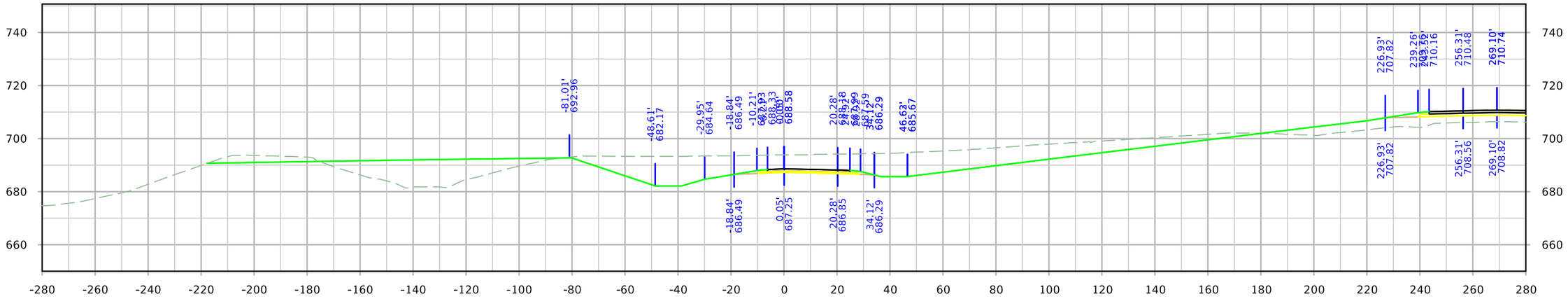
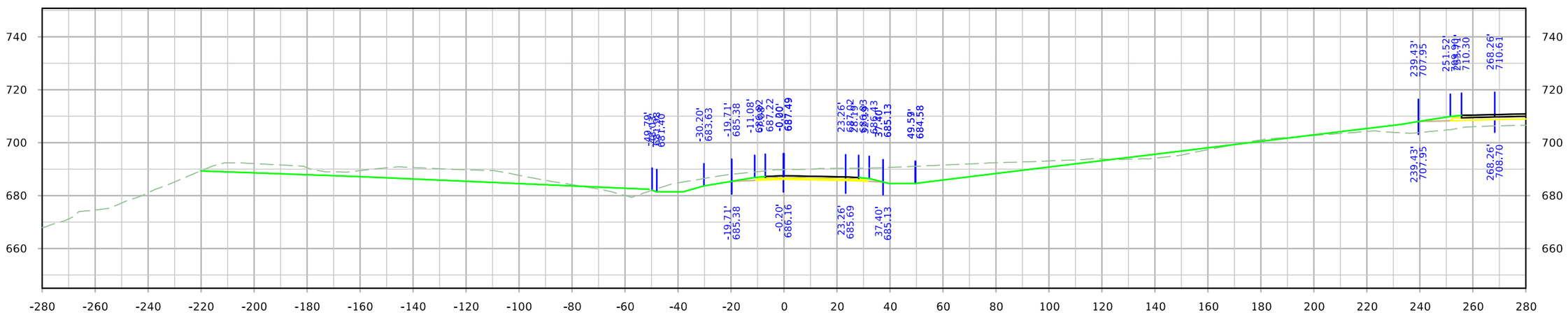


STA. 5232+50.00

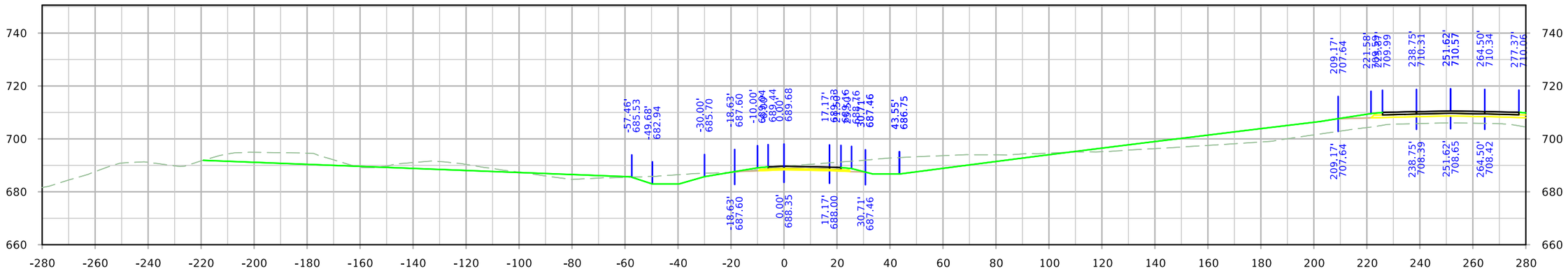


STA. 5232+00.00

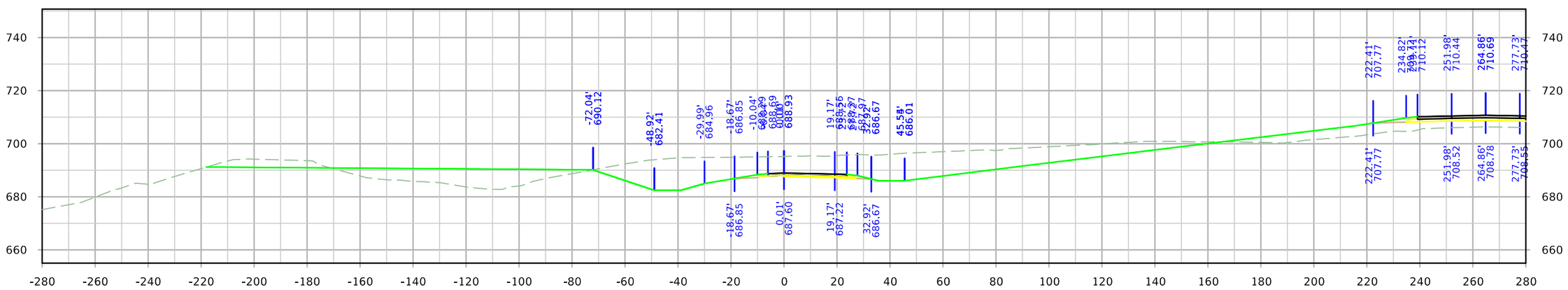
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.6

12:08:32 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y1OBLIT.dgn

RPAMIDDLE



STA. 5233+00.00

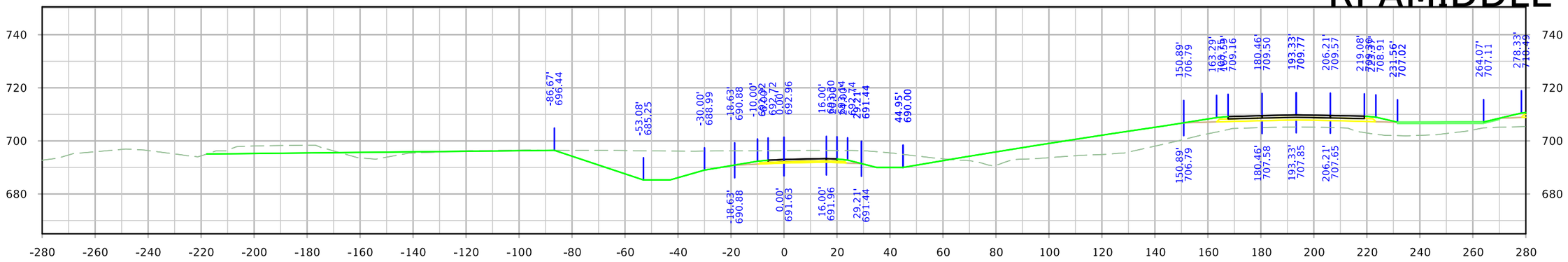


STA. 5232+65.94

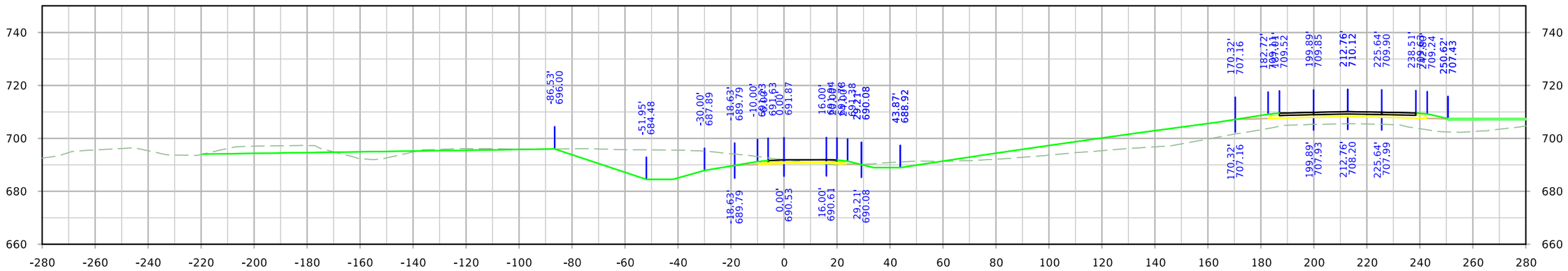
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.7	

12:08:33 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y1OBLIT.dgn

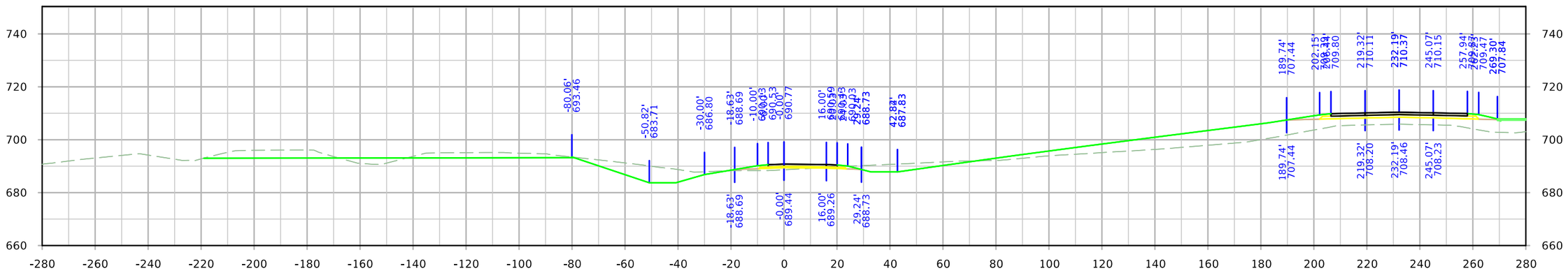
RPAMIDDLE



STA. 5234+50.00



STA. 5234+00.00



STA. 5233+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.8

12:08:36 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y1OBLIT.dgn

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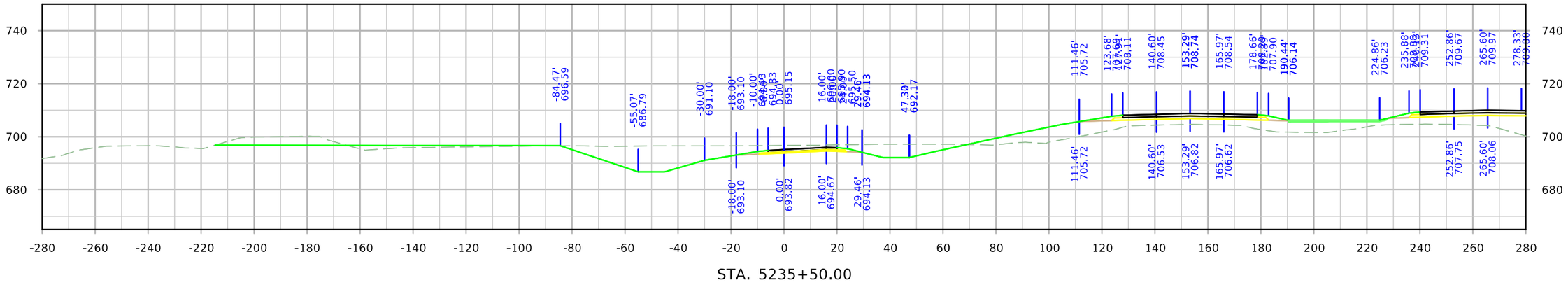
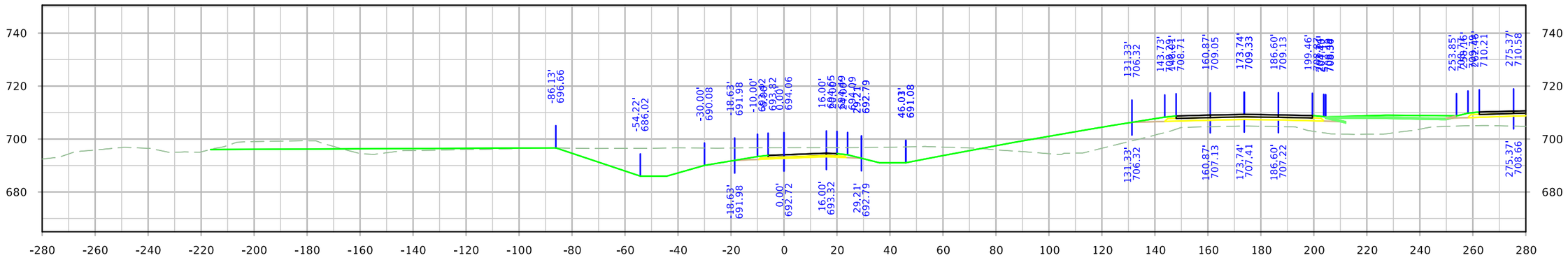
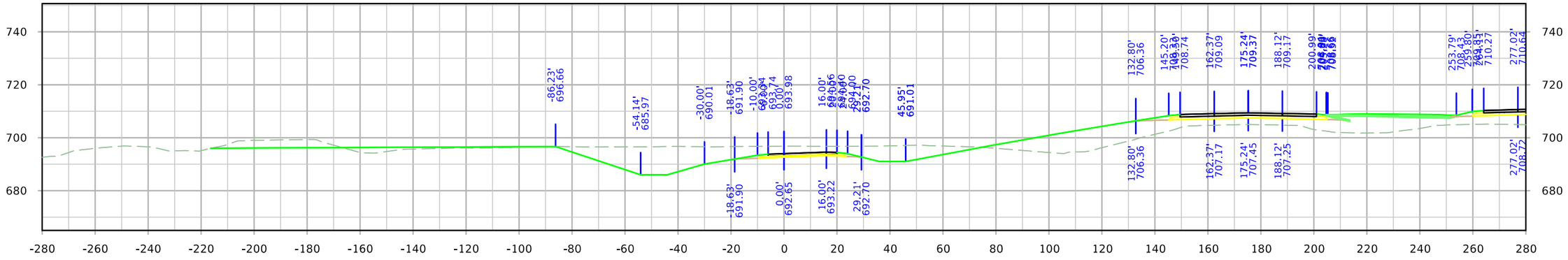


STA. 5235+50.00



STA. 5235+00.00

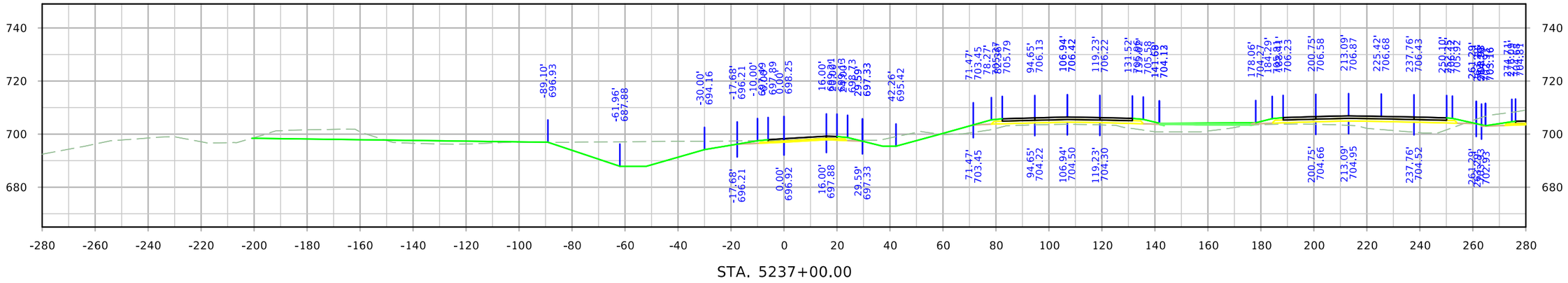


STA. 5234+96.55

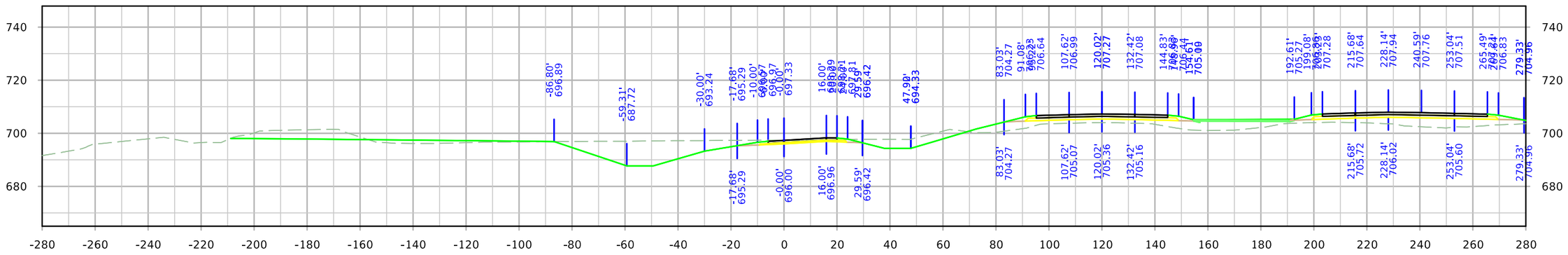
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.9

12:08:38 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y1OBLIT.dgn

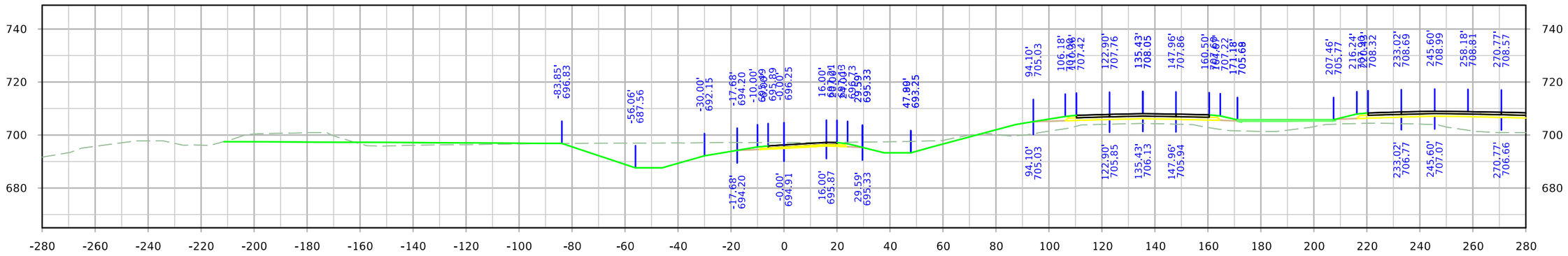
RPAMIDDLE



STA. 5237+00.00



STA. 5236+50.00



STA. 5236+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.10	

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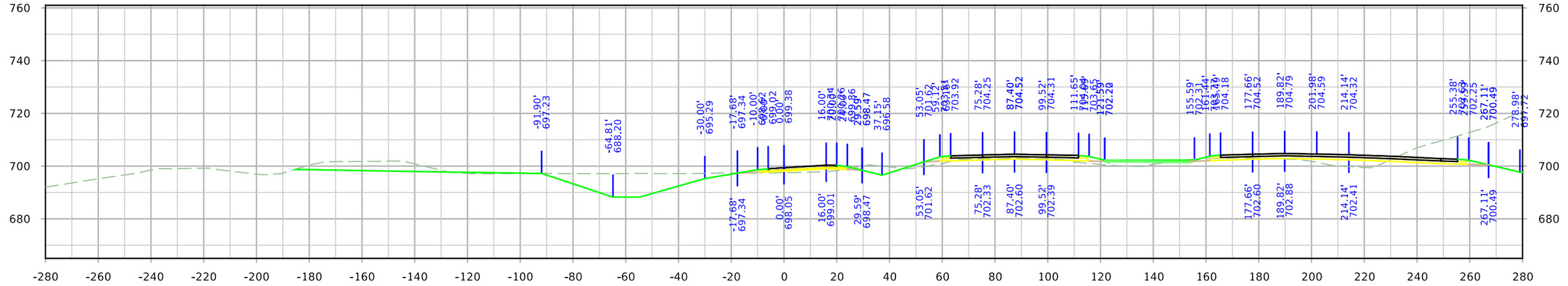
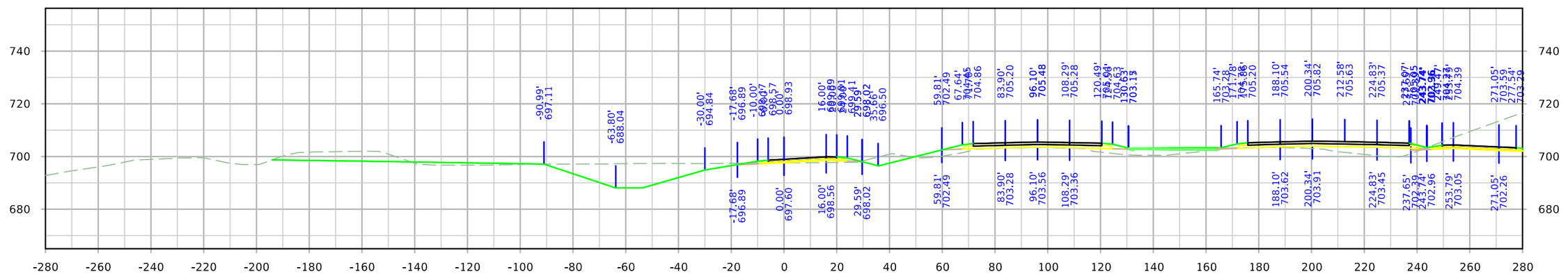
RPAMIDDLE



STA. 5238+00.00



STA. 5237+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.11

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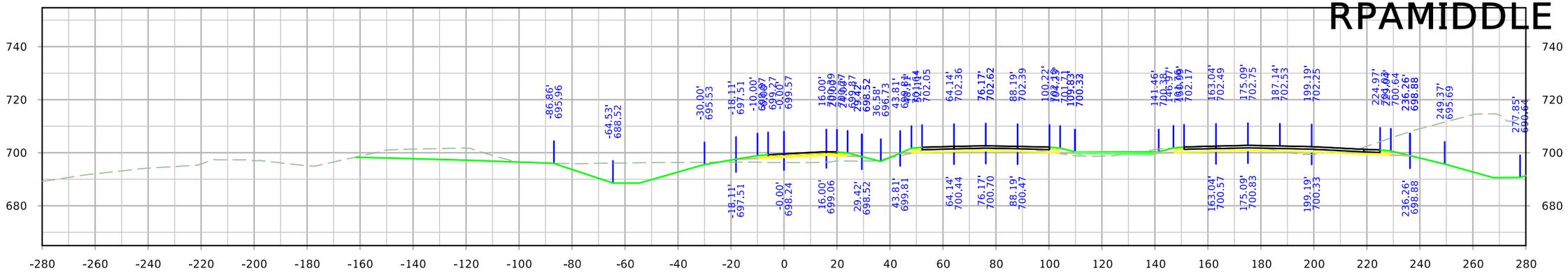
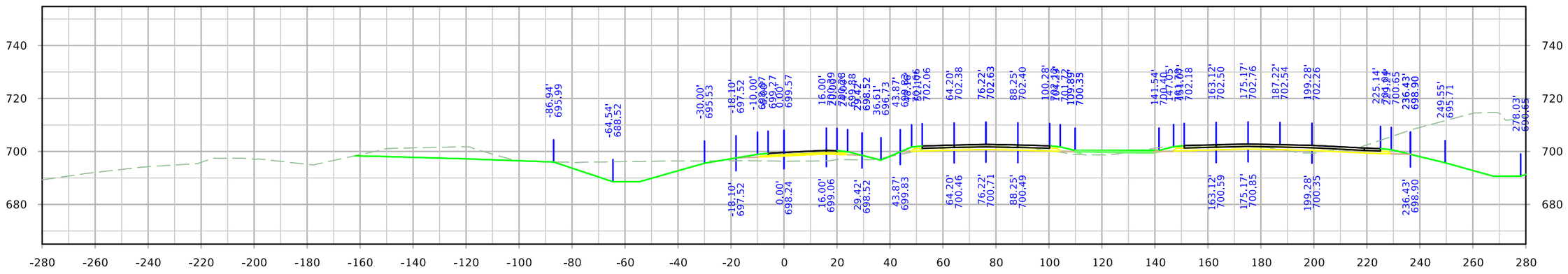
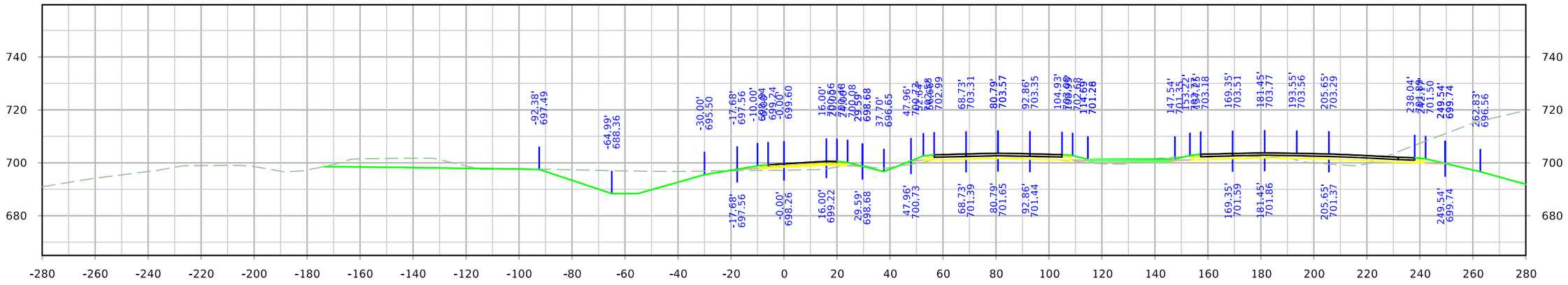
RPAMIDDLE



STA. 5239+00.78



STA. 5238+50.00



STA. 5238+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.12

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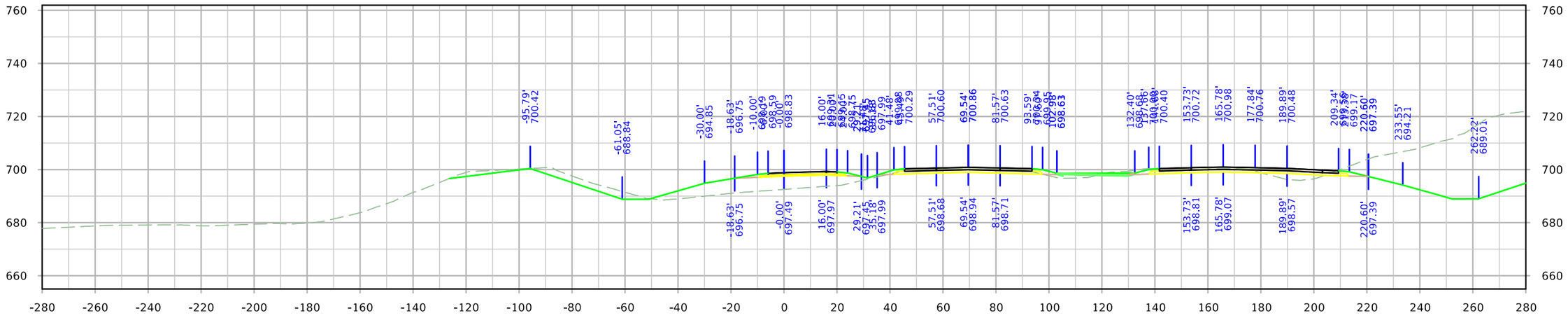
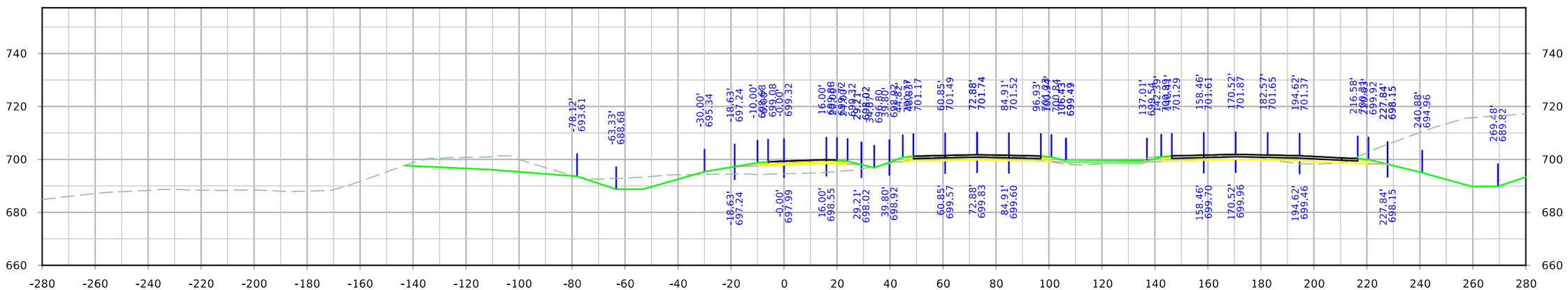
RPAMIDDLE



STA. 5240+00.00



STA. 5239+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.13	

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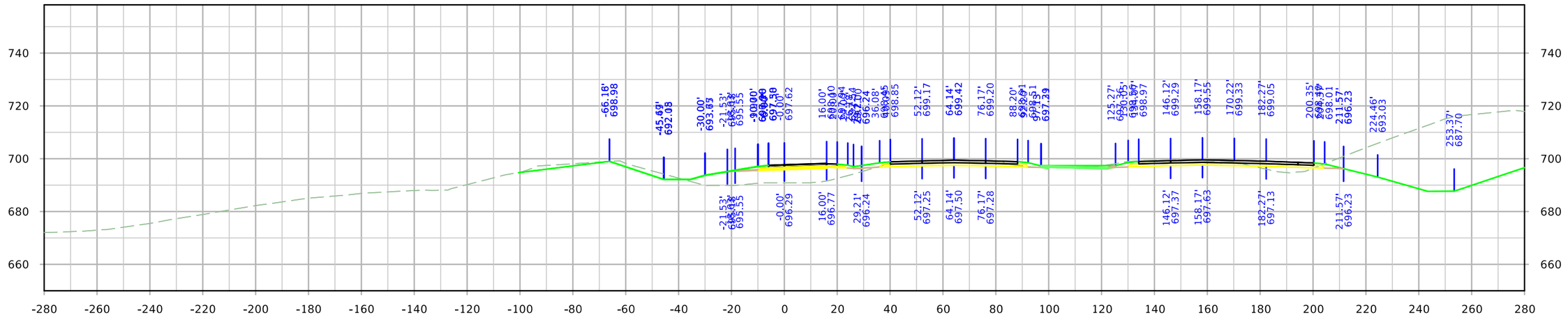
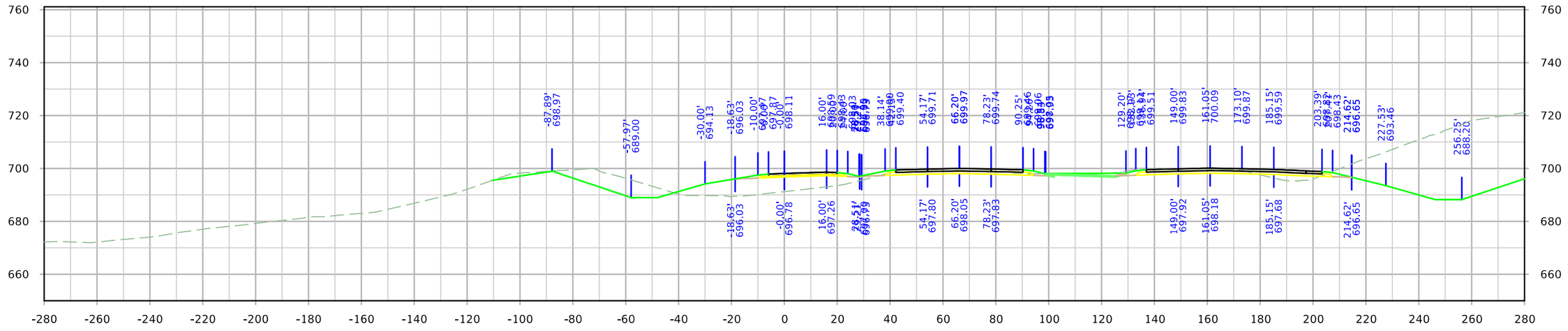
RPAMIDDLE



STA. 5240+80.82



STA. 5240+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.14

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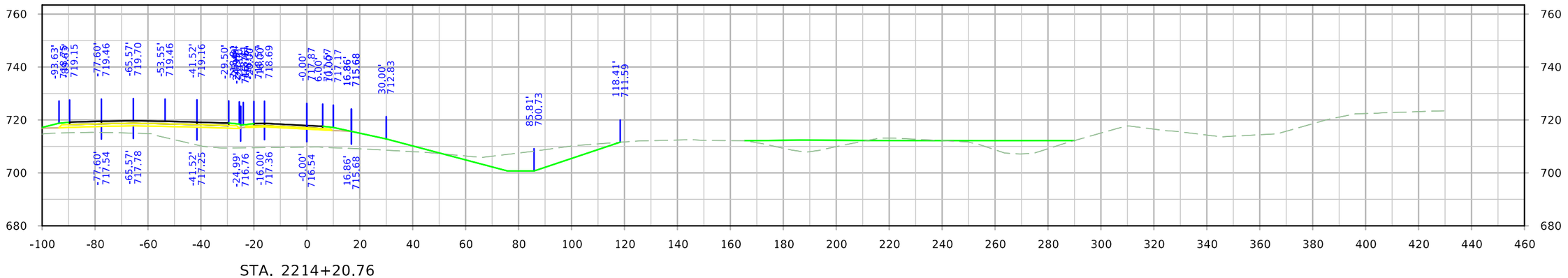
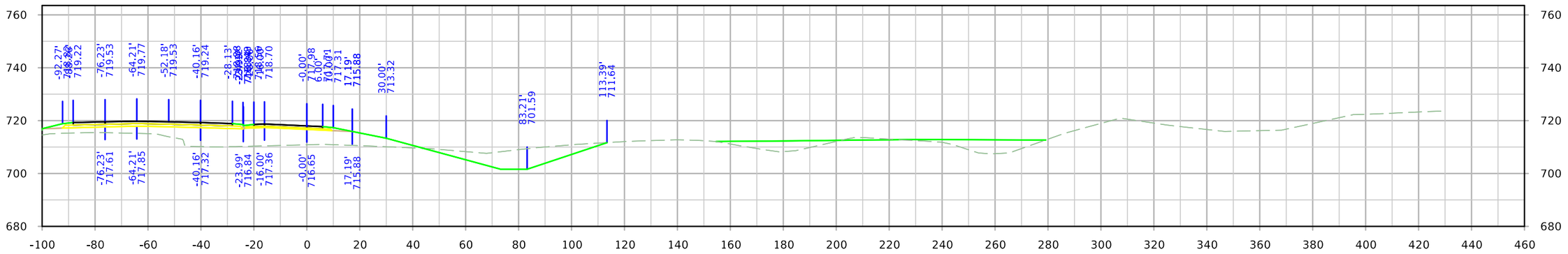
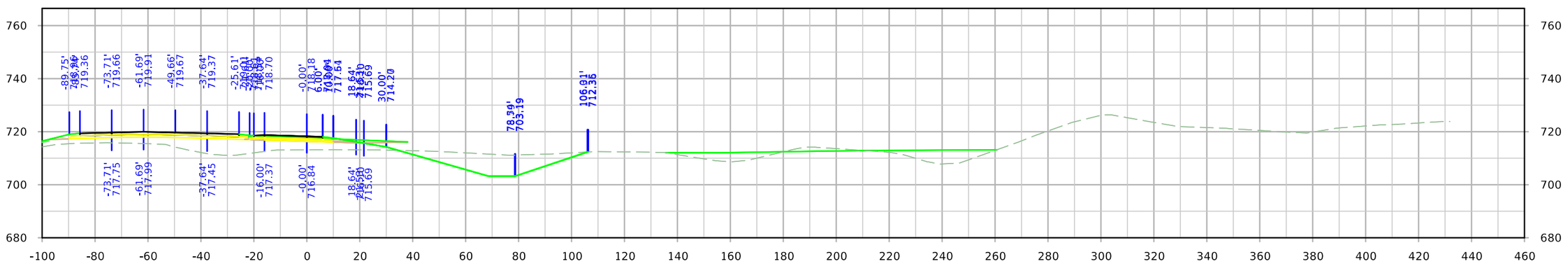
RPBMIDDLE



STA. 2214+20.76



STA. 2214+00.00



STA. 2213+61.15

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.16

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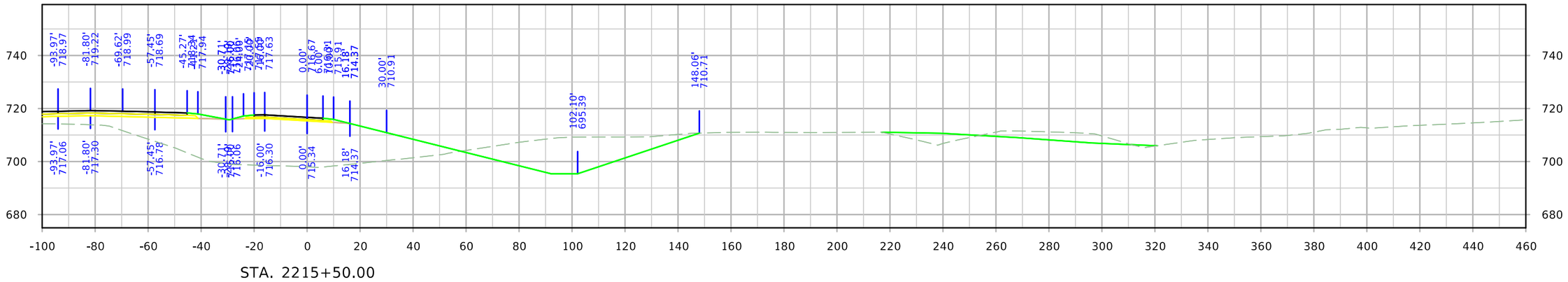
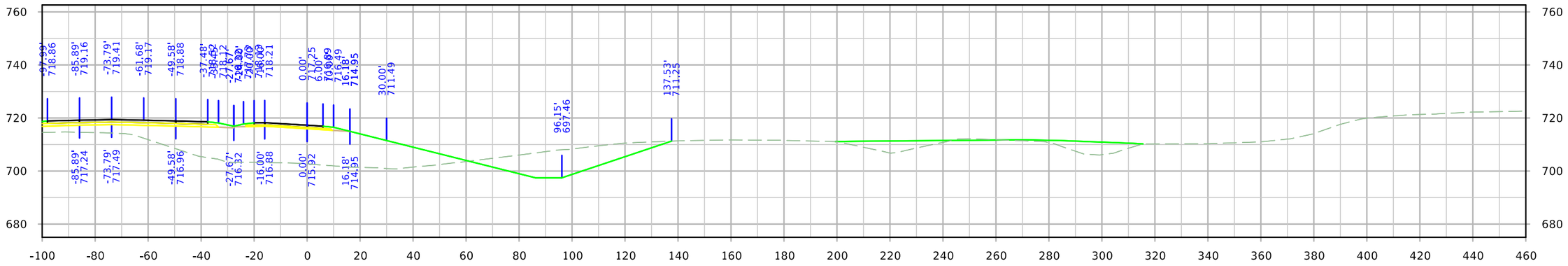
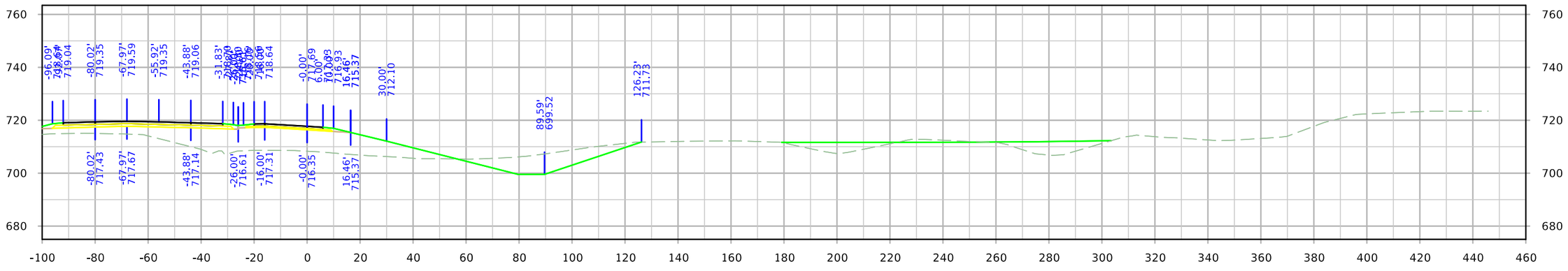
RPBMIDDLE



STA. 2215+50.00



STA. 2215+00.00

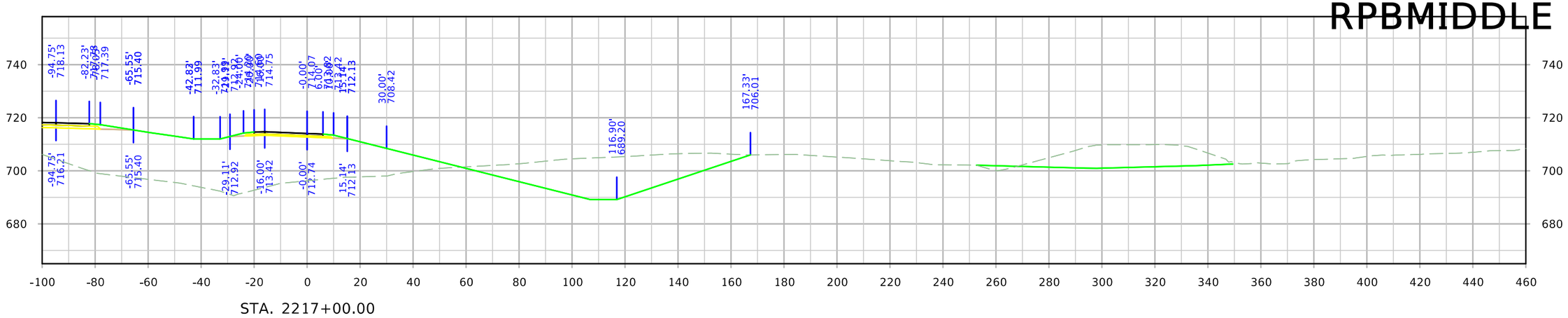


STA. 2214+50.00

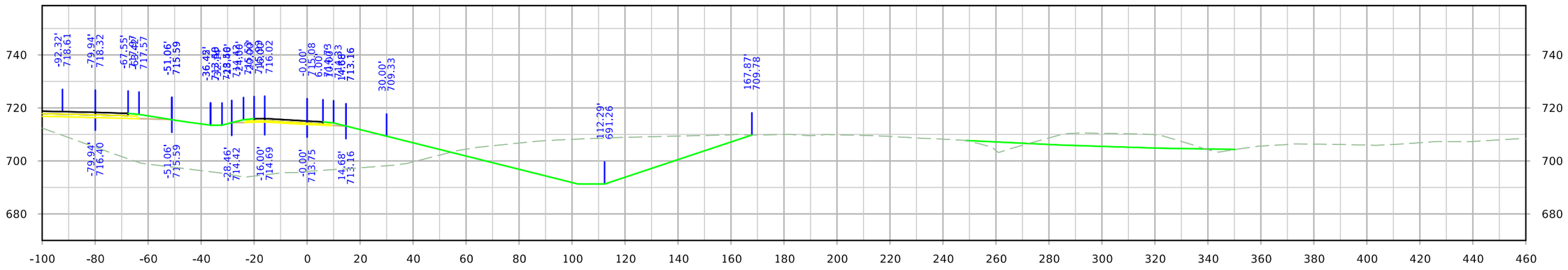
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.17

12:08:58 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y15OBLIT.dgn

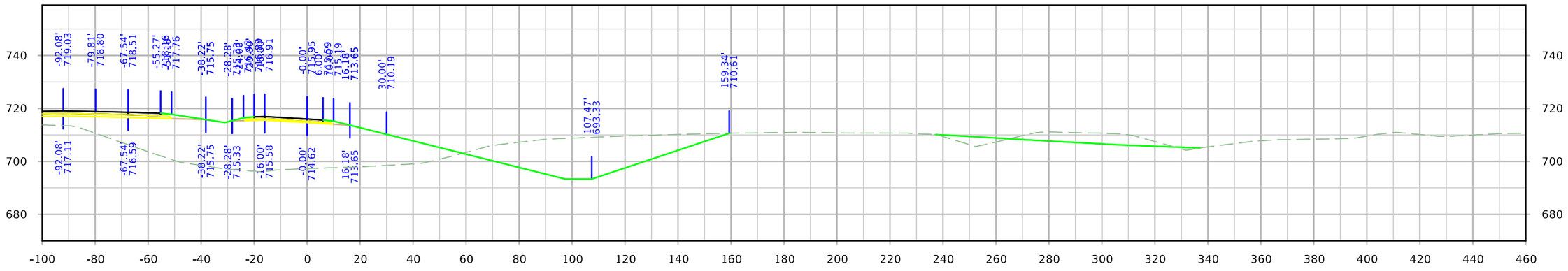
RPBMIDDLE



STA. 2217+00.00



STA. 2216+50.00



STA. 2216+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.18

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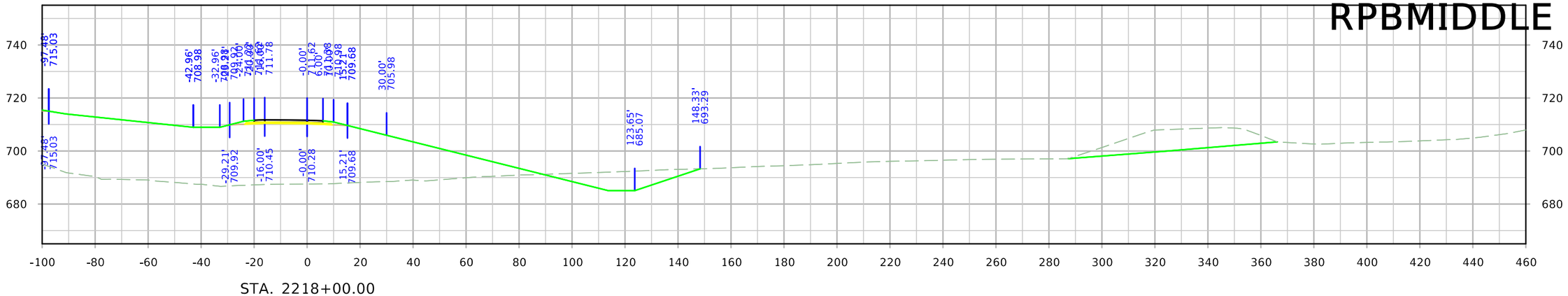
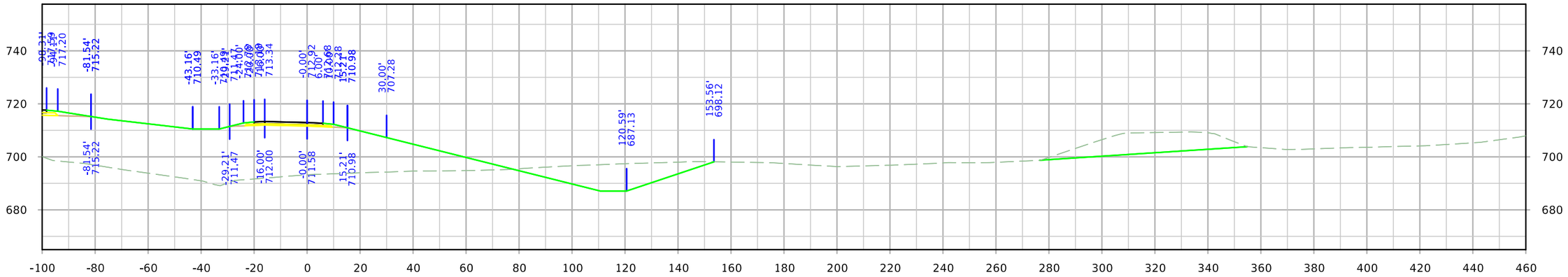
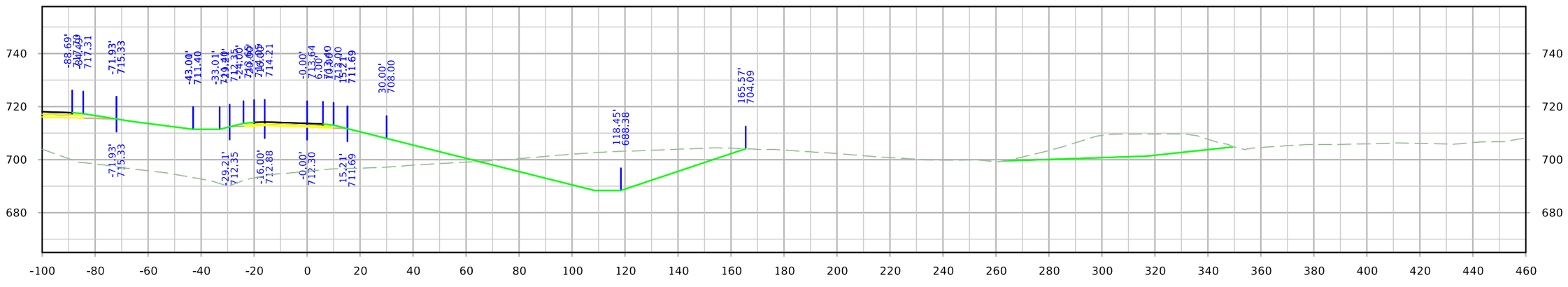


STA. 2218+00.00



STA. 2217+50.00



STA. 2217+19.68

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.19

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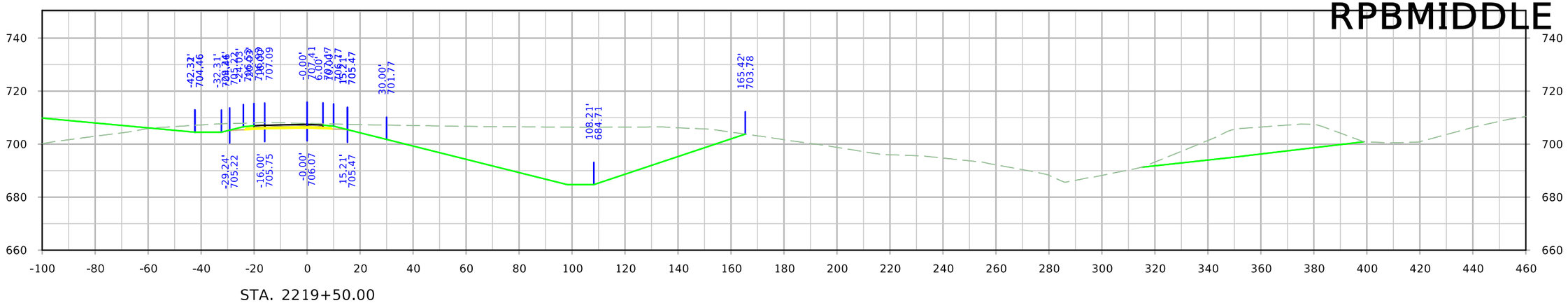
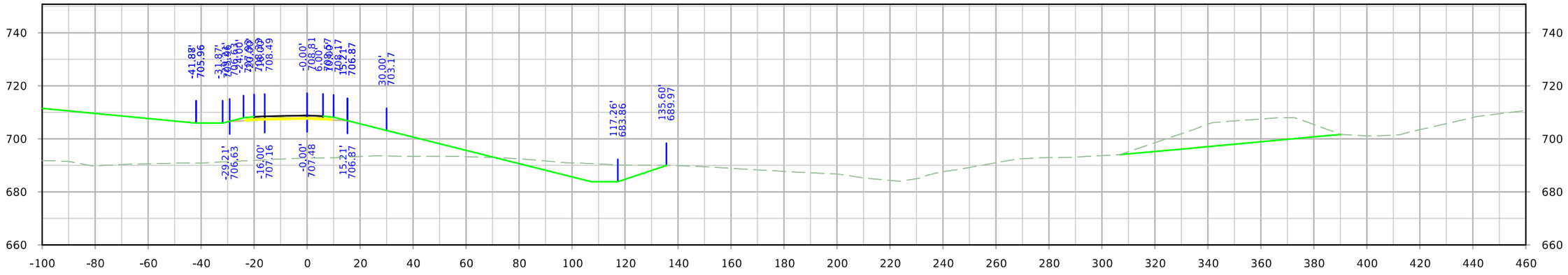


STA. 2219+50.00



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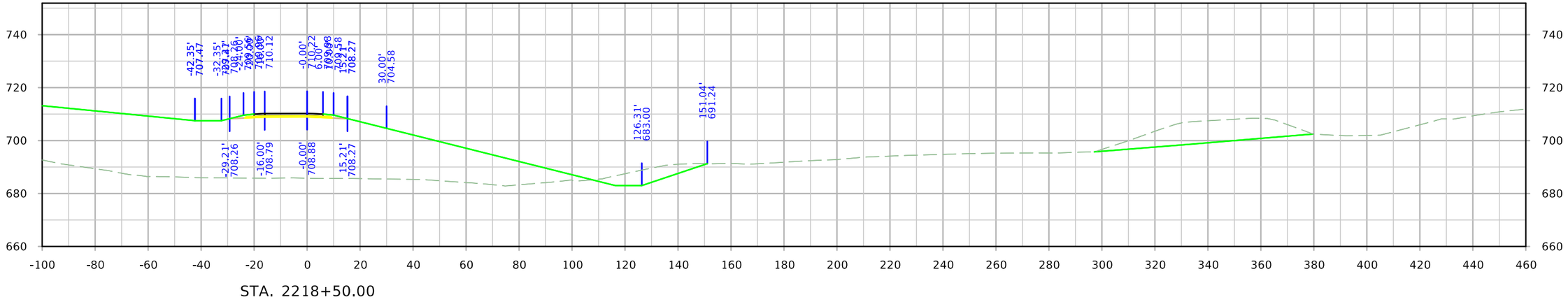

STA. 2218+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.20

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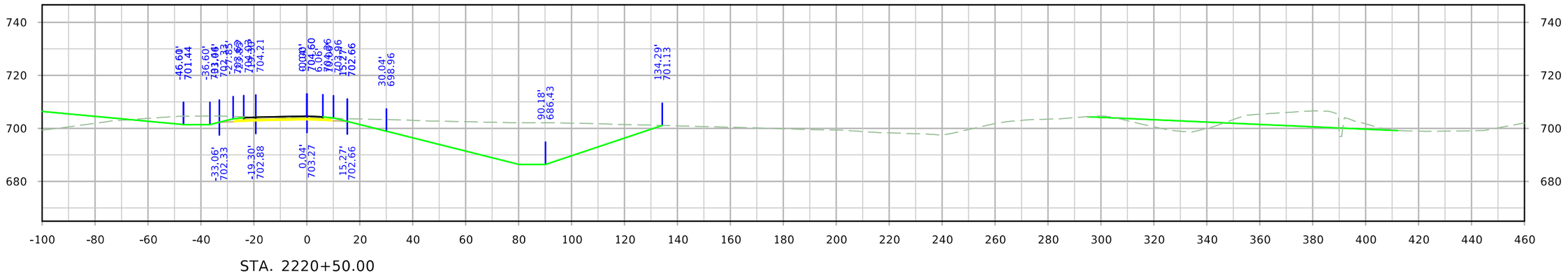
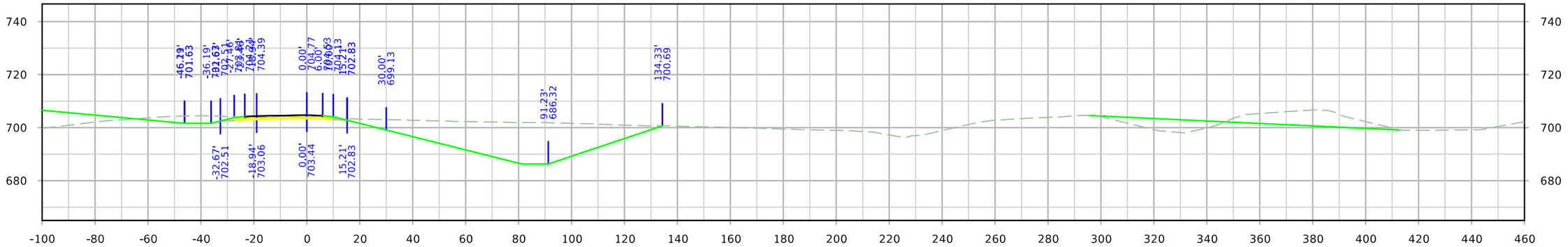
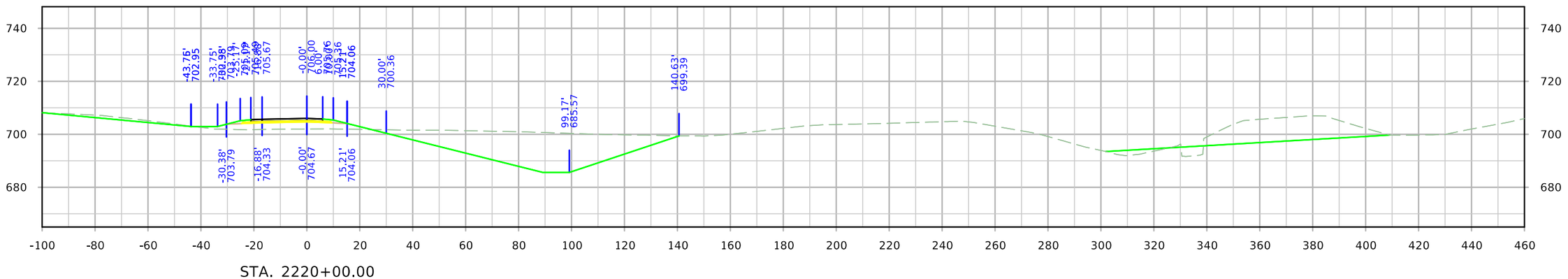


STA. 2220+50.00



STA. 2220+43.85



STA. 2220+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.21

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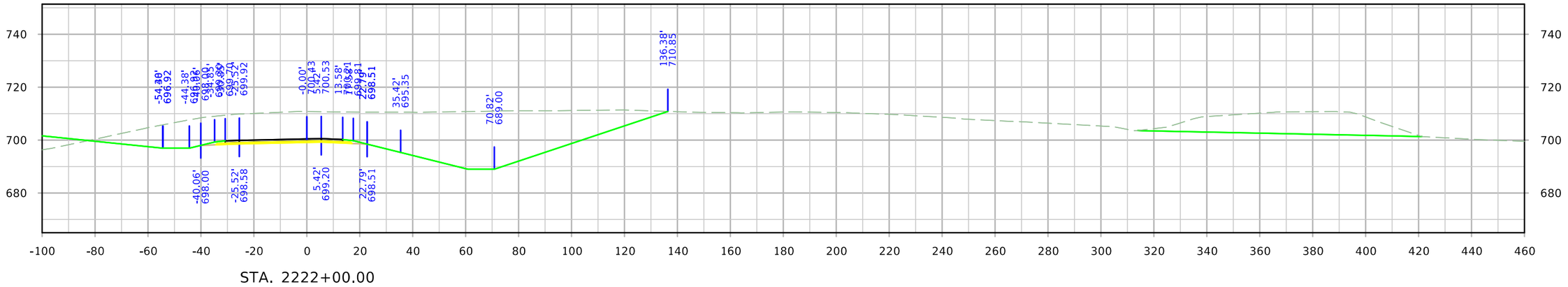
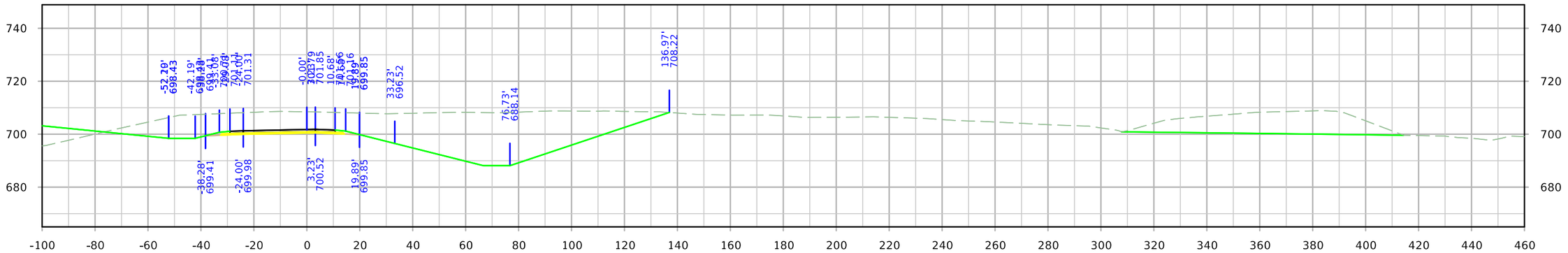
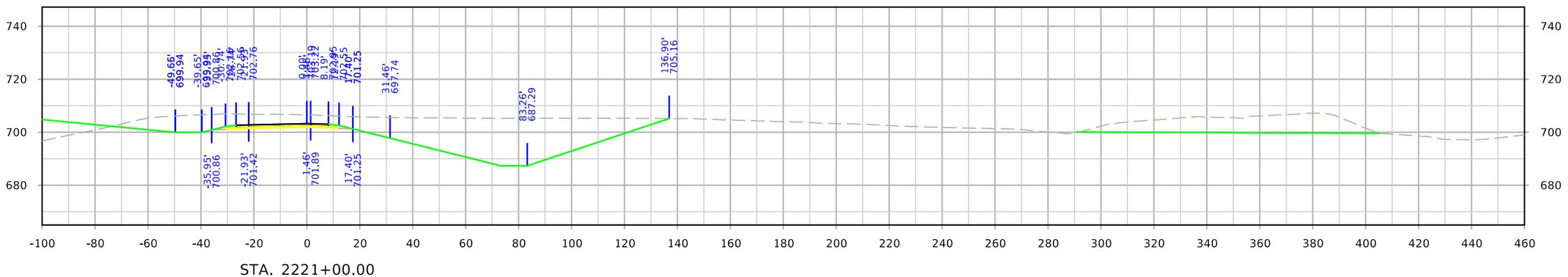


STA. 2222+00.00



STA. 2221+50.00



STA. 2221+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.22	

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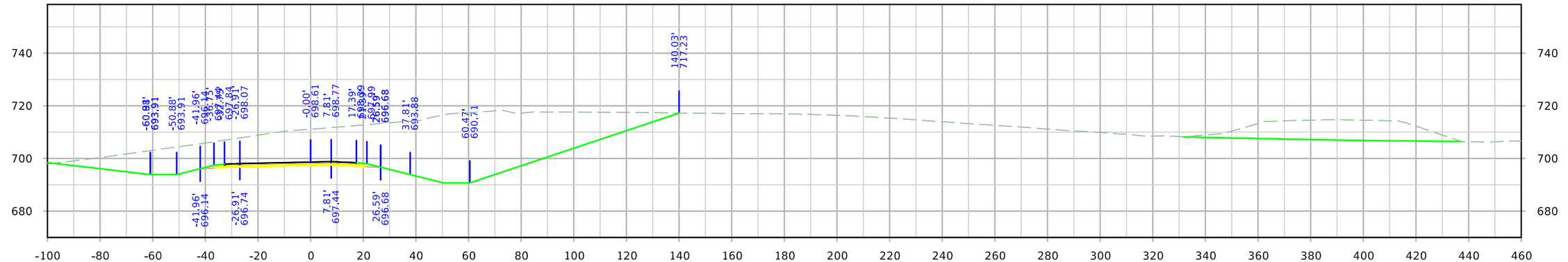
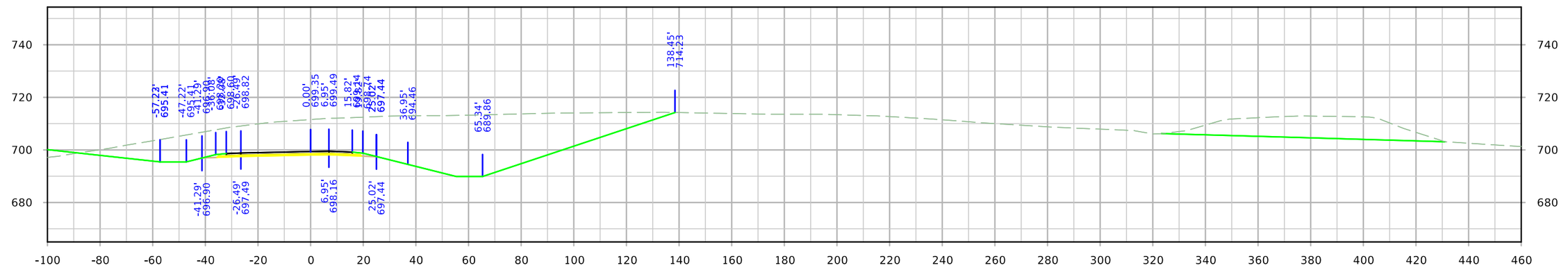


STA. 2223+00.00



STA. 2222+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.23

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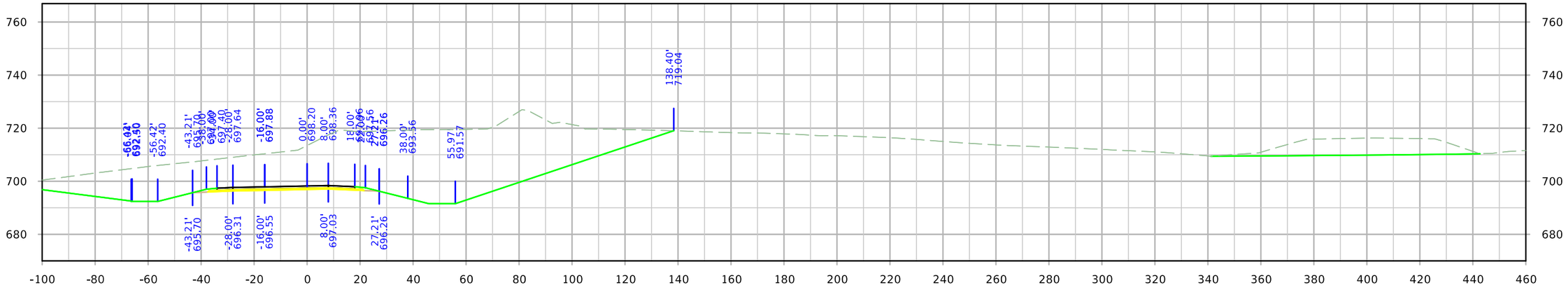
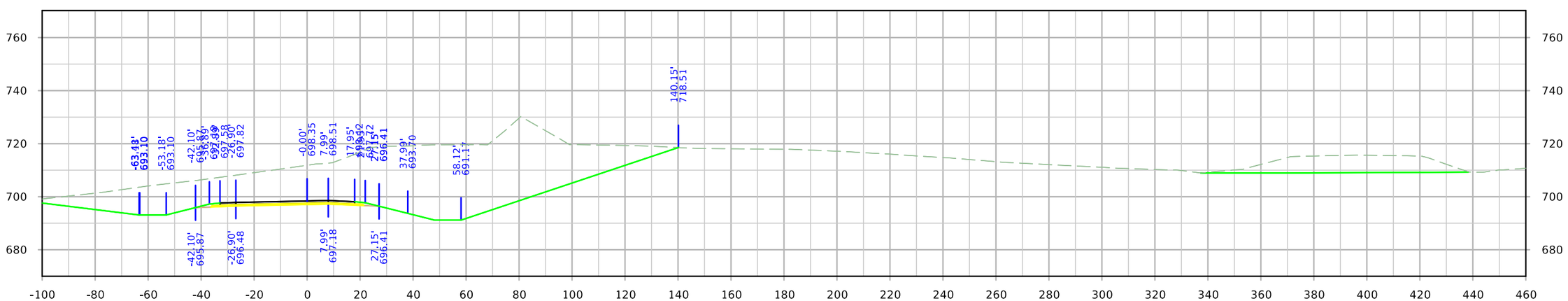


STA. 2223+50.00



STA. 2223+26.70

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.24

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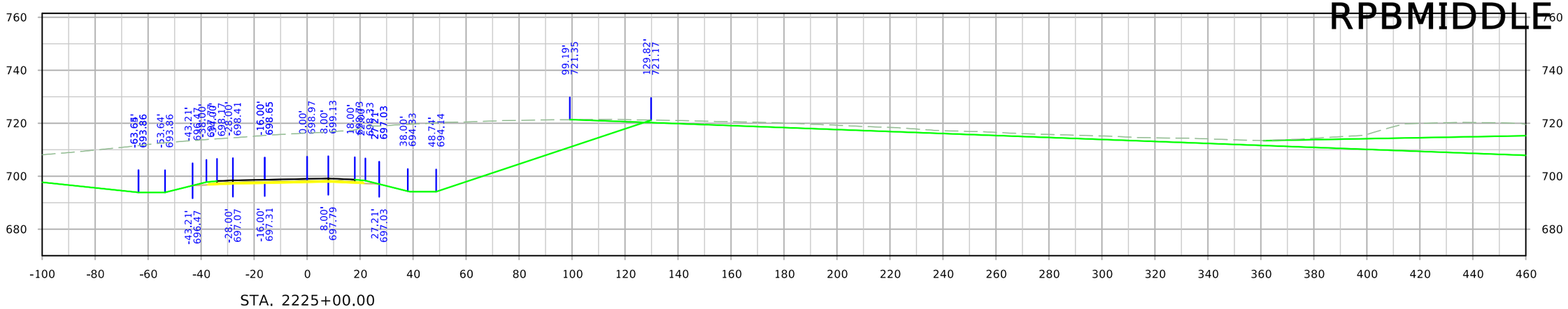
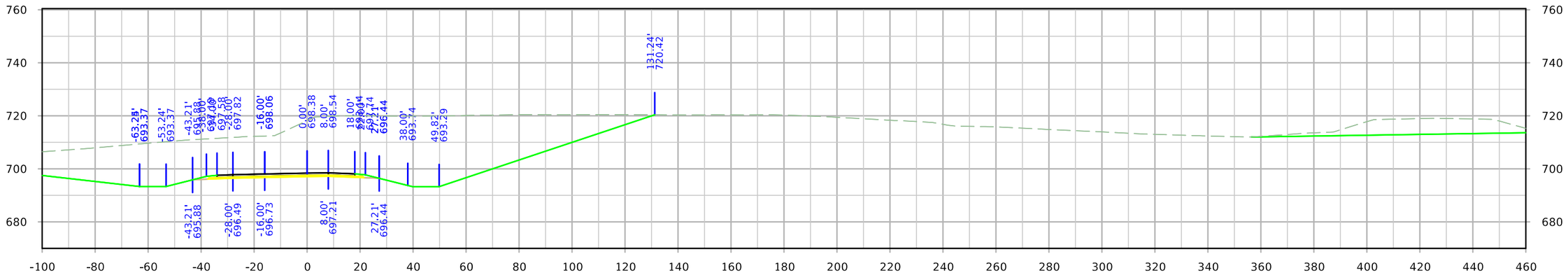


STA. 2225+00.00



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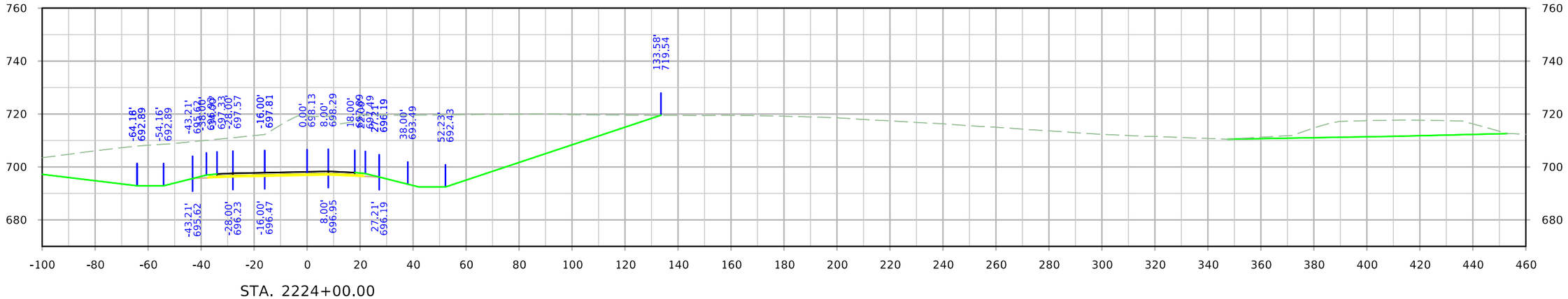

STA. 2224+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.25

12:09:09 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y15OBLIT.dgn

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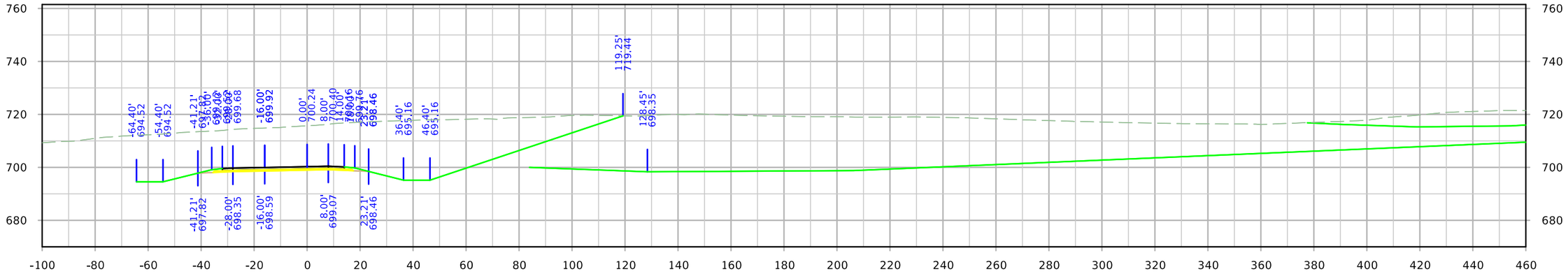
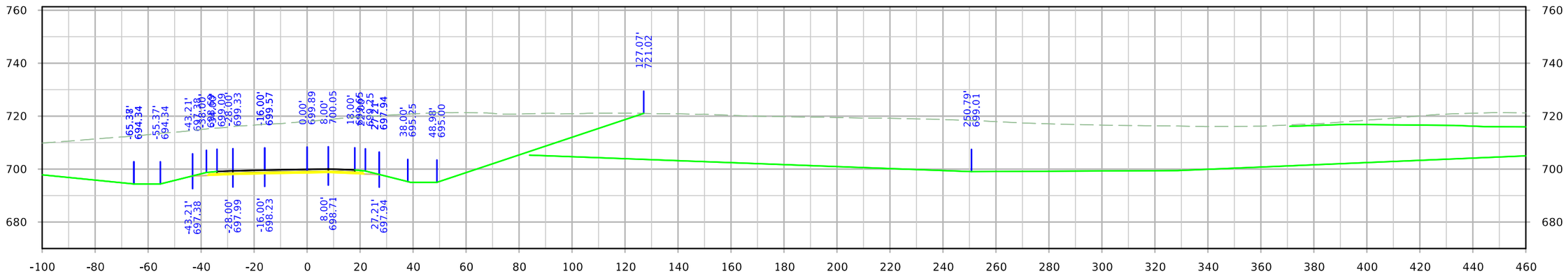


STA. 2225+65.73



STA. 2225+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.26

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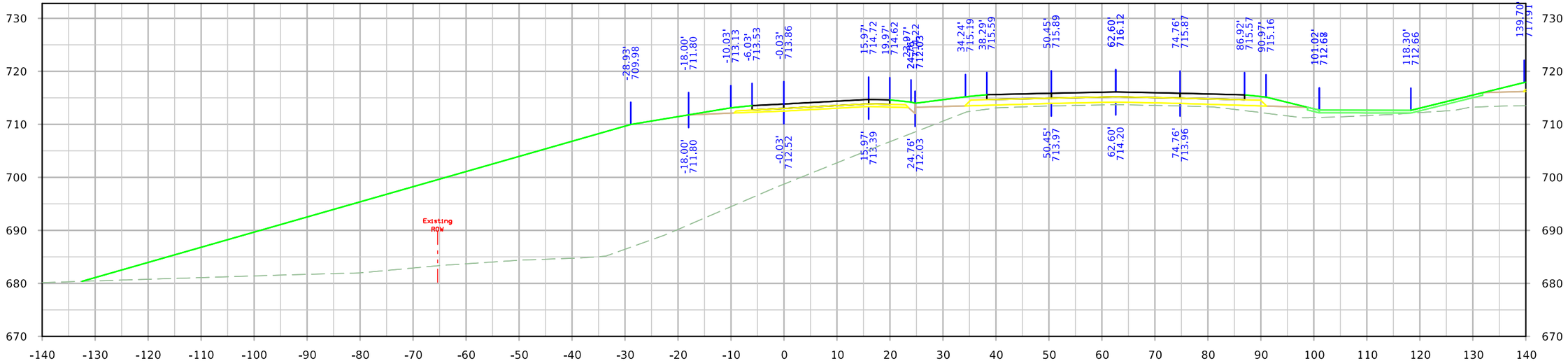
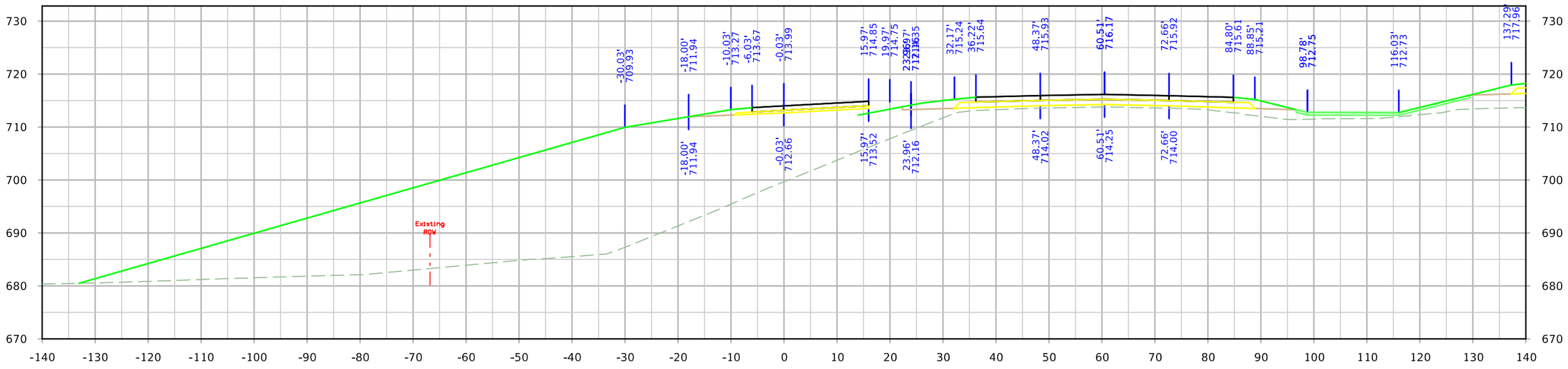


STA. 3216+50.00

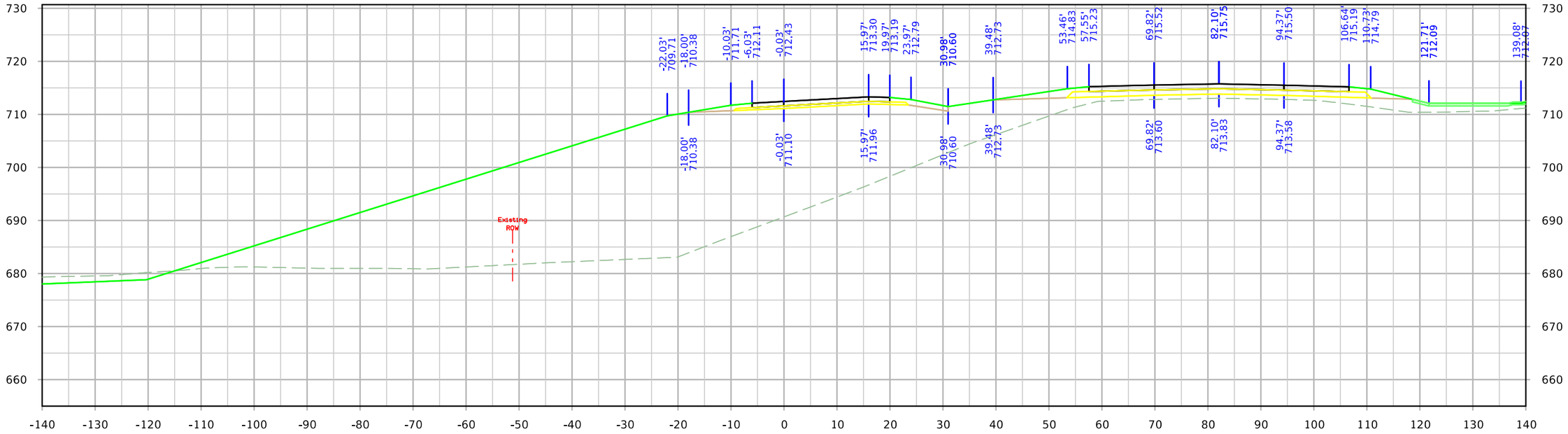


STA. 3216+37.22

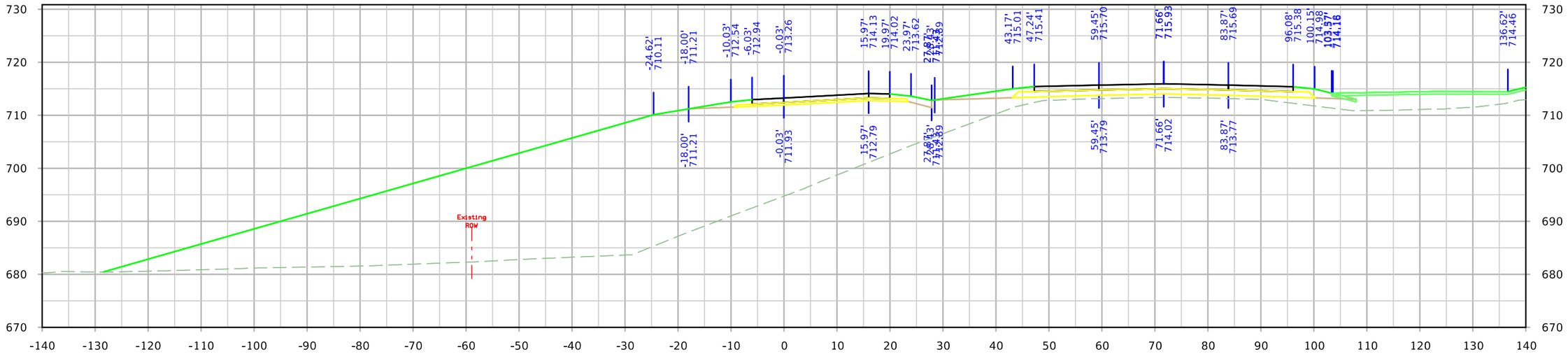
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.26

12:09:20 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y26.dgn

RPCMIDDLE



STA. 3217+50.00



STA. 3217+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.27

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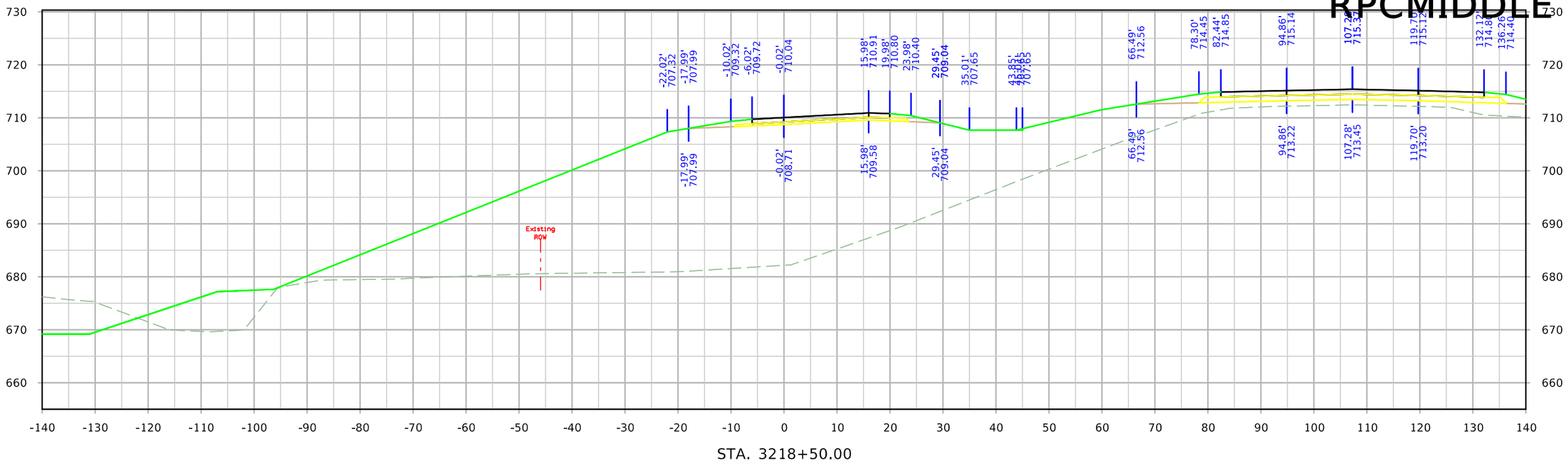
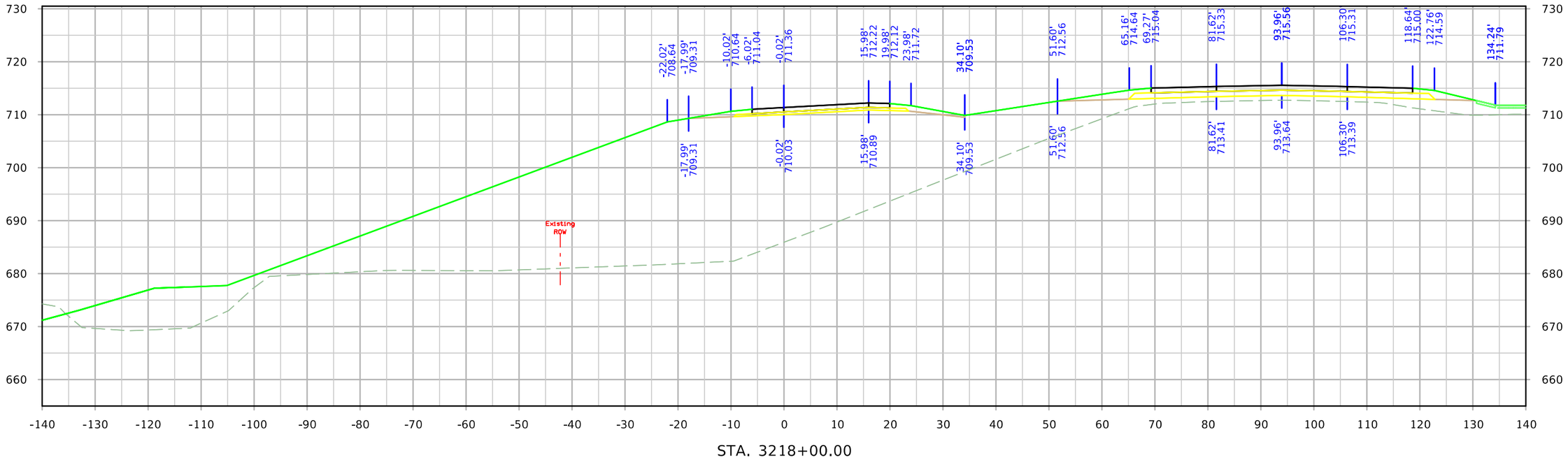


STA. 3218+50.00



STA. 3218+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.28	

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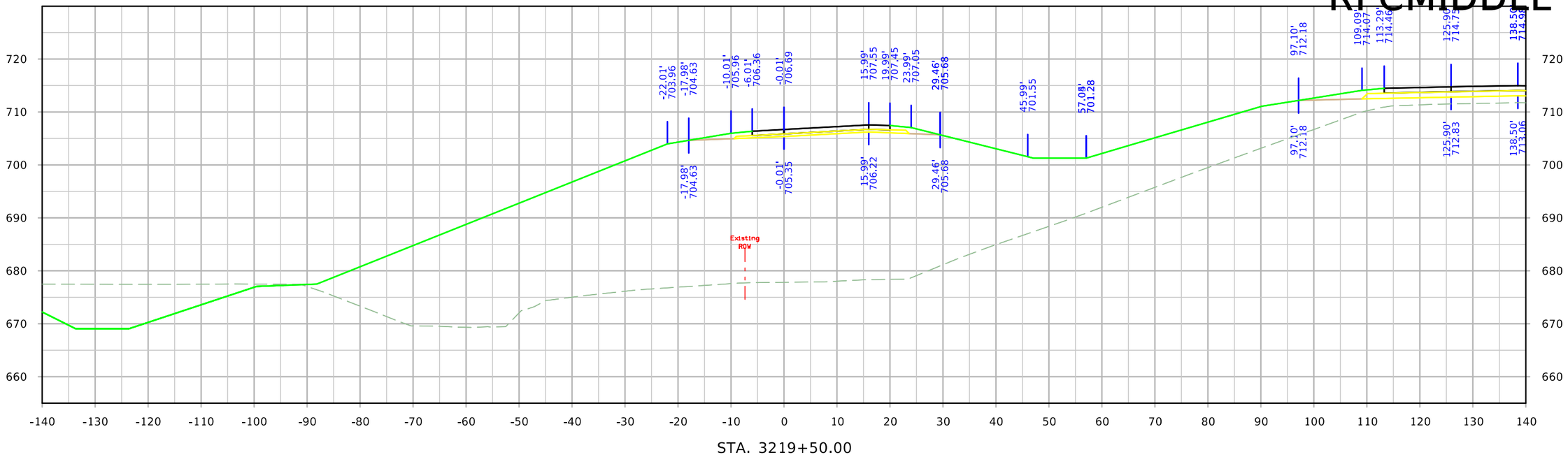
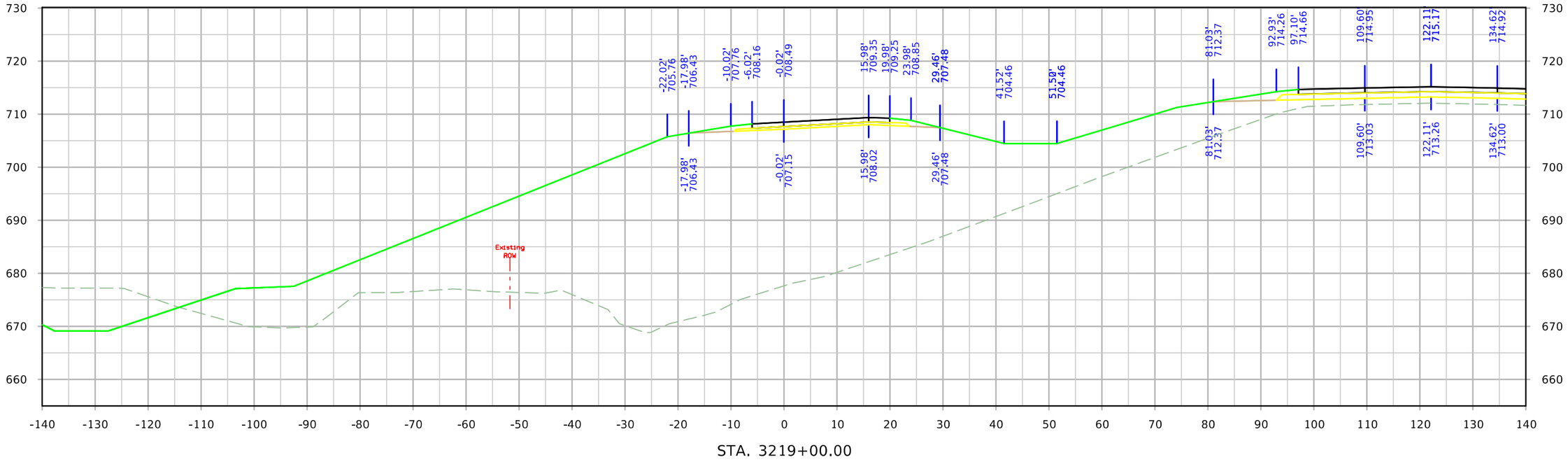


STA. 3219+50.00



STA. 3219+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.29

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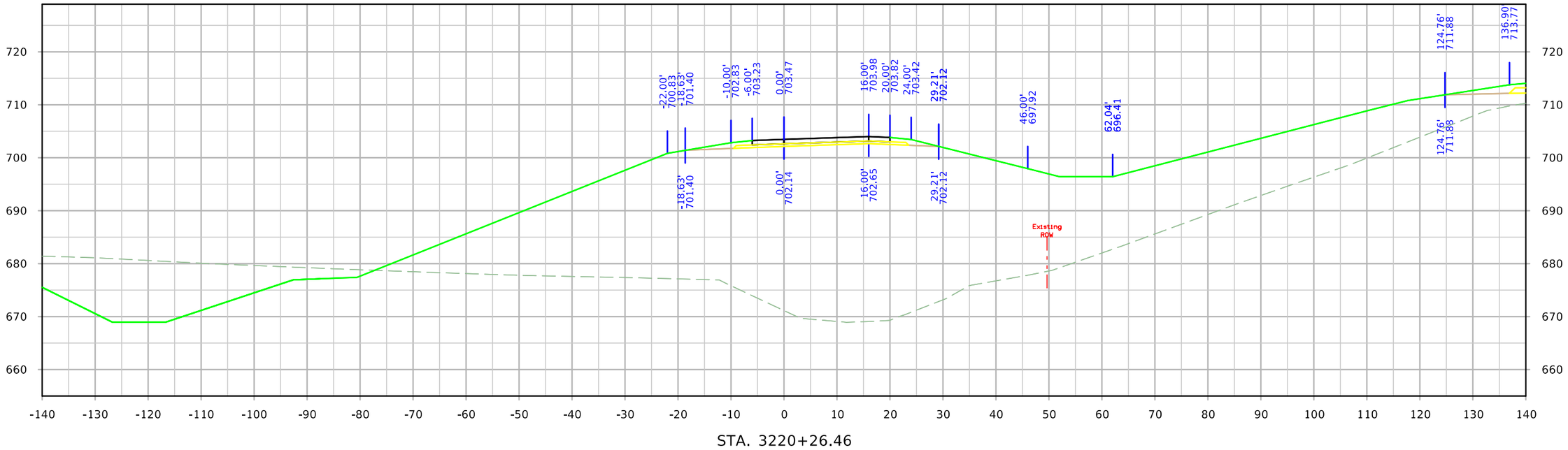

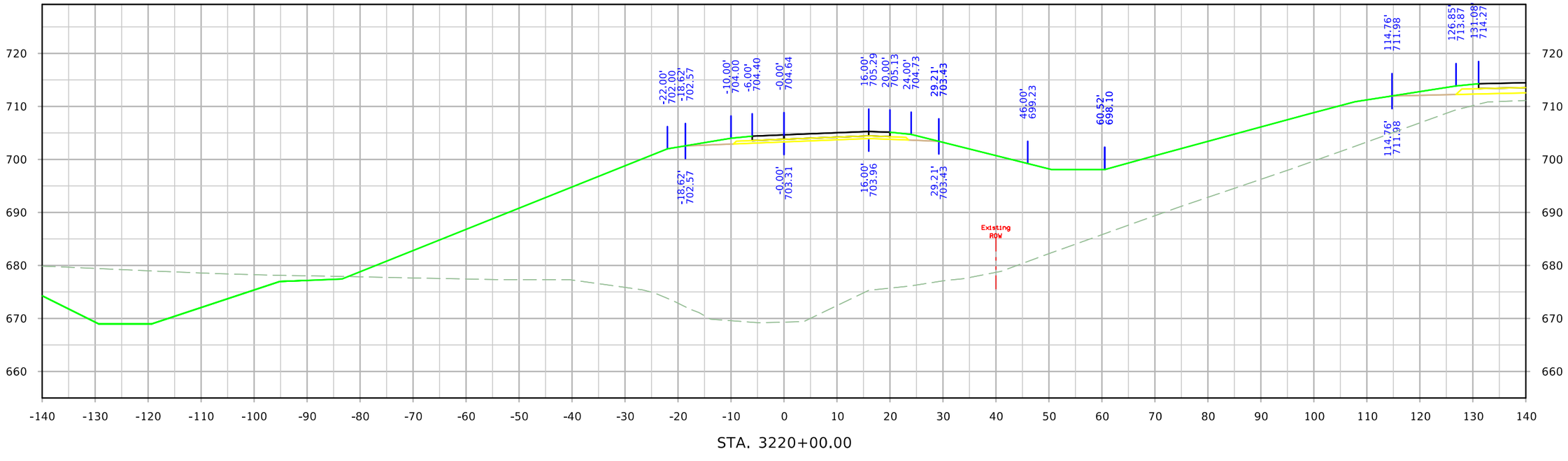

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.30

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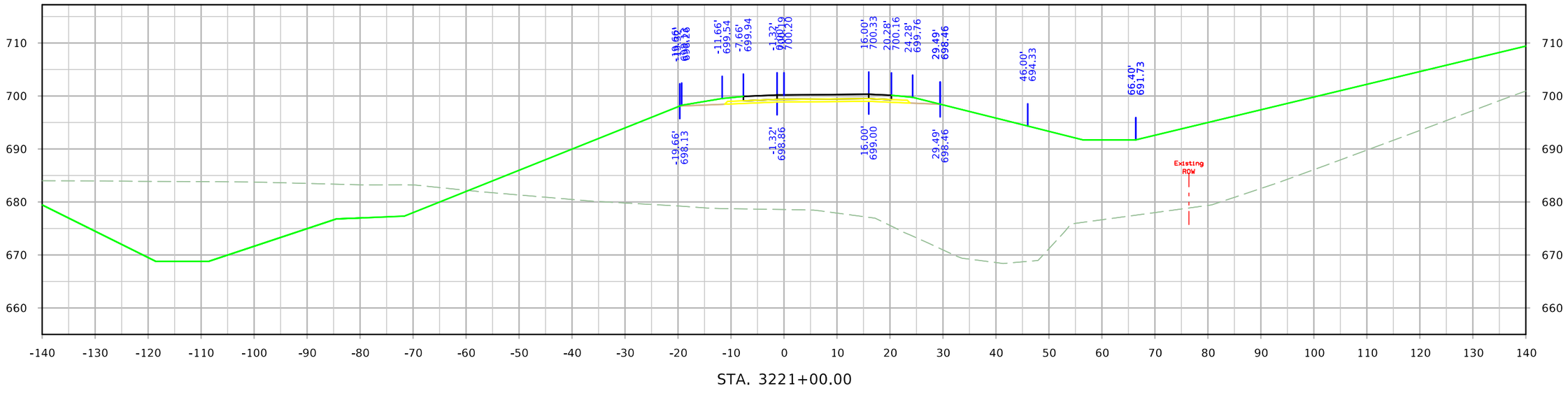

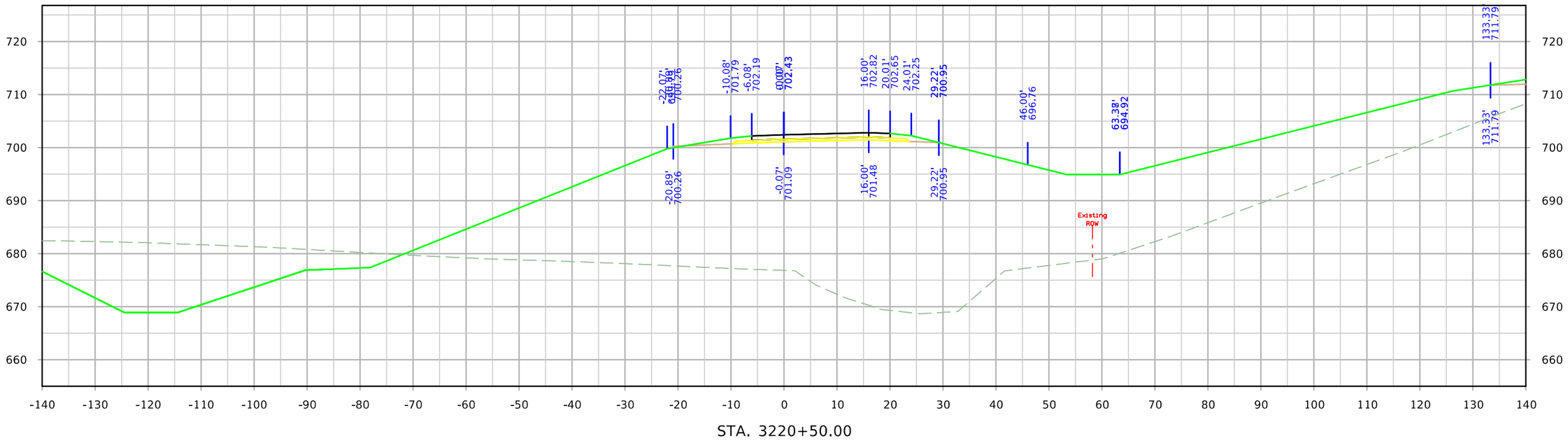

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.31

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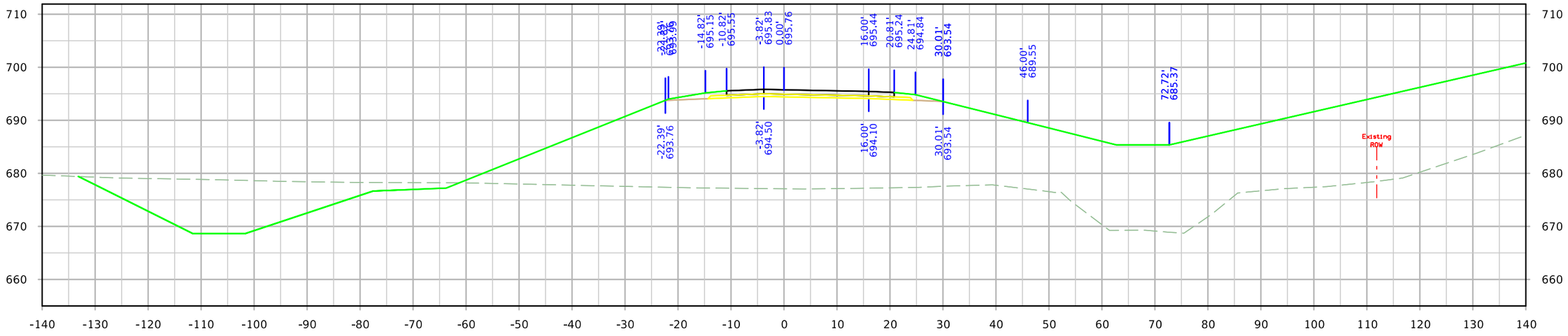
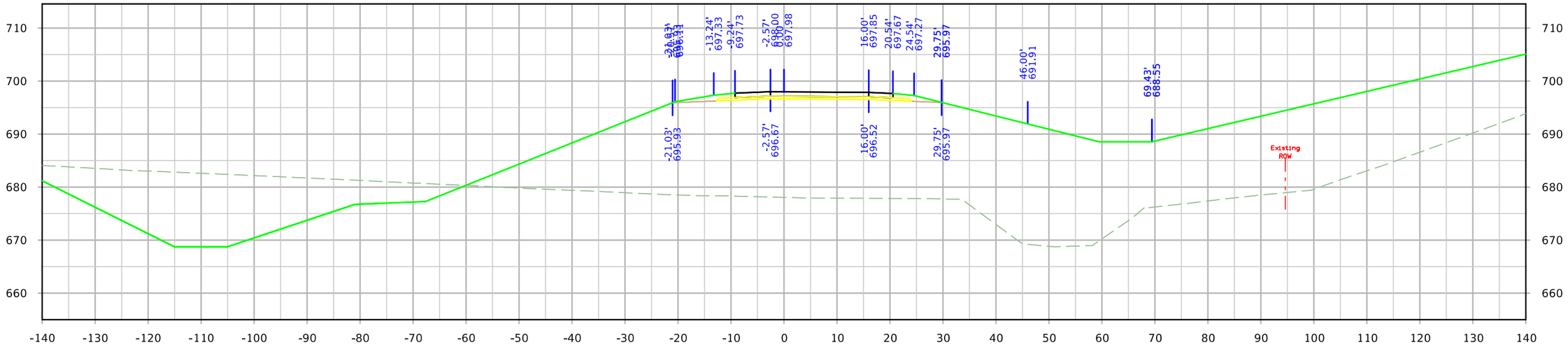


STA. 3222+00.00



STA. 3221+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.32

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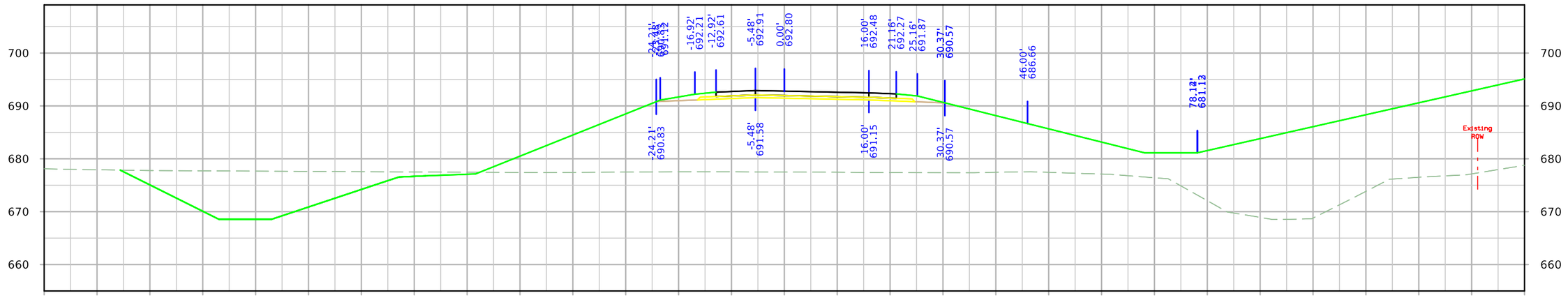
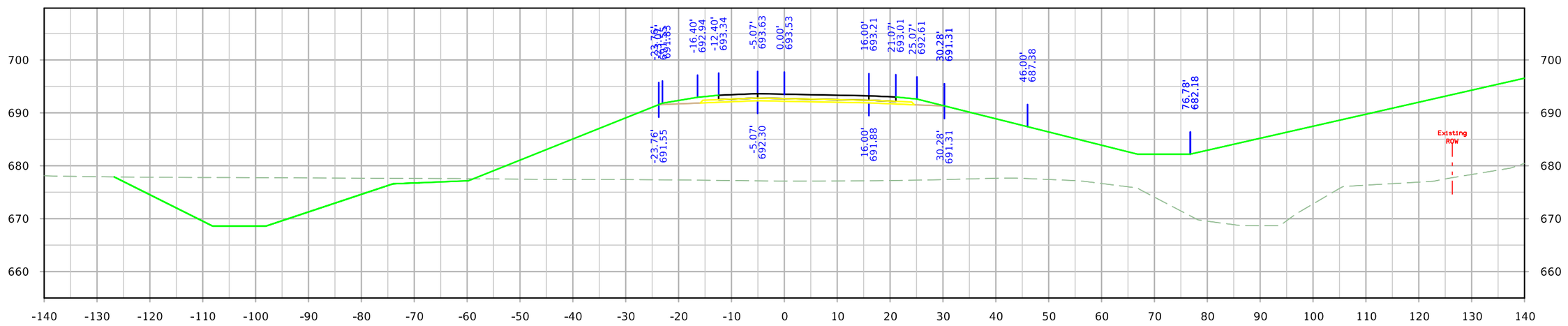
RPCMIDDLE



STA. 3222+66.49



STA. 3222+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.33

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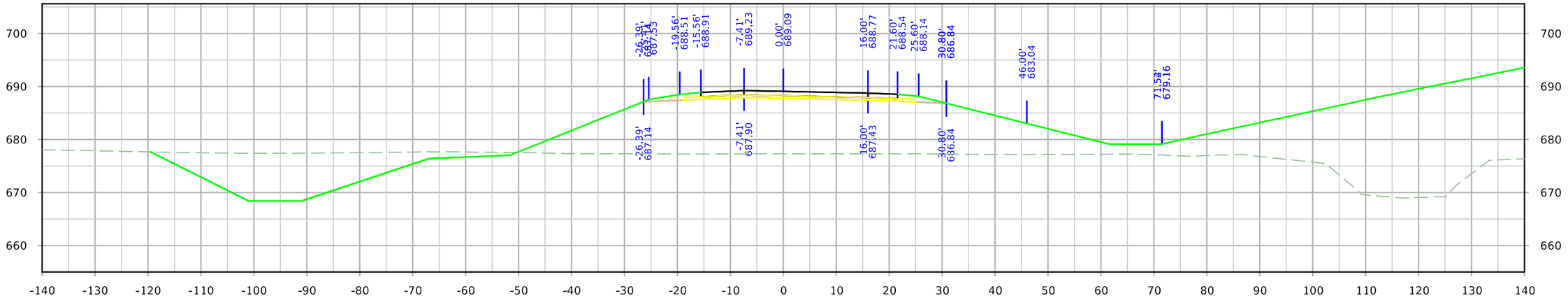
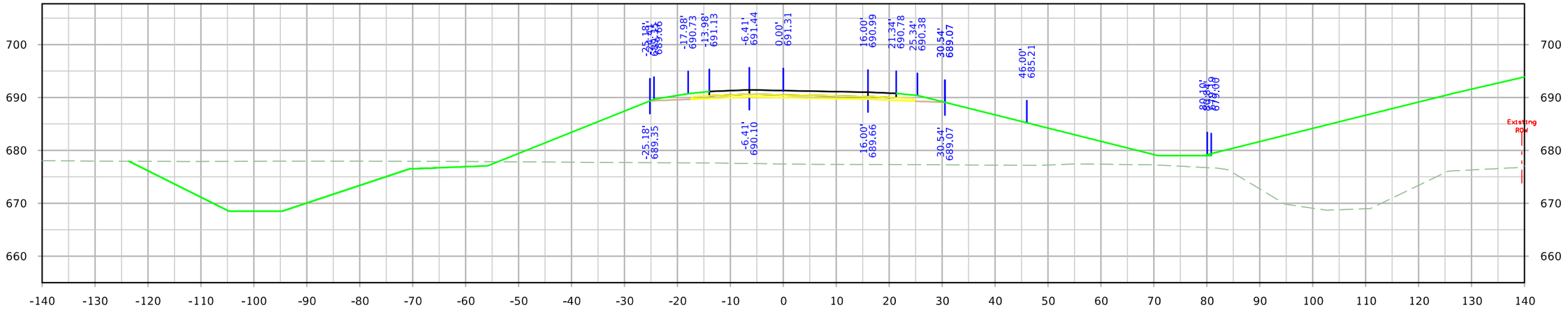
RPCMIDDLE



STA. 3223+50.00



STA. 3223+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.34	

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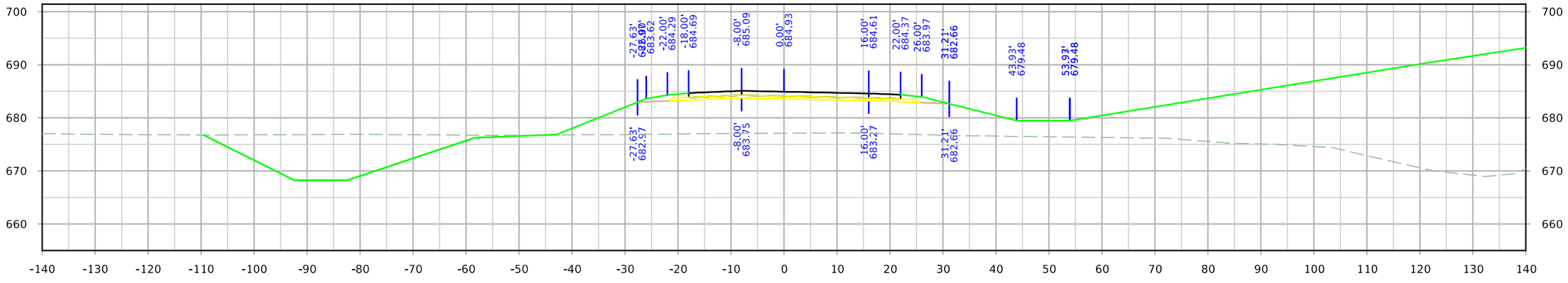
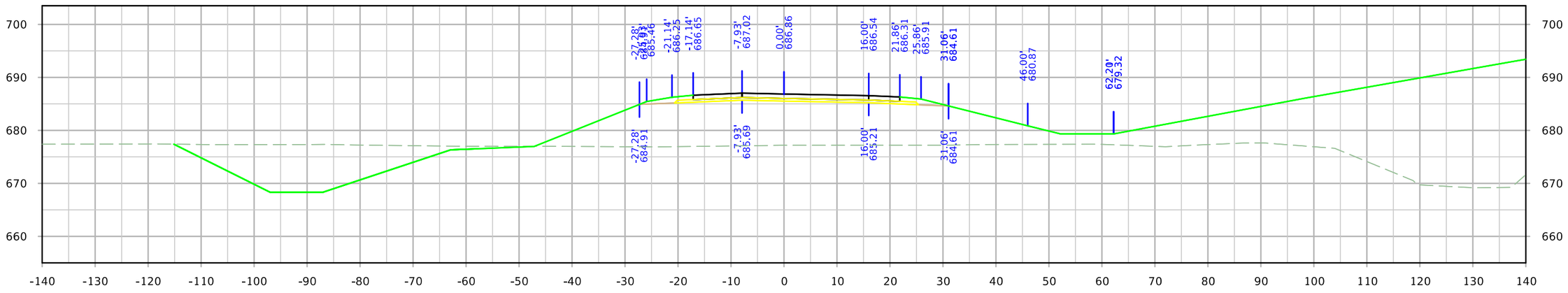
RPCMIDDLE



STA. 3224+50.00



STA. 3224+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.35

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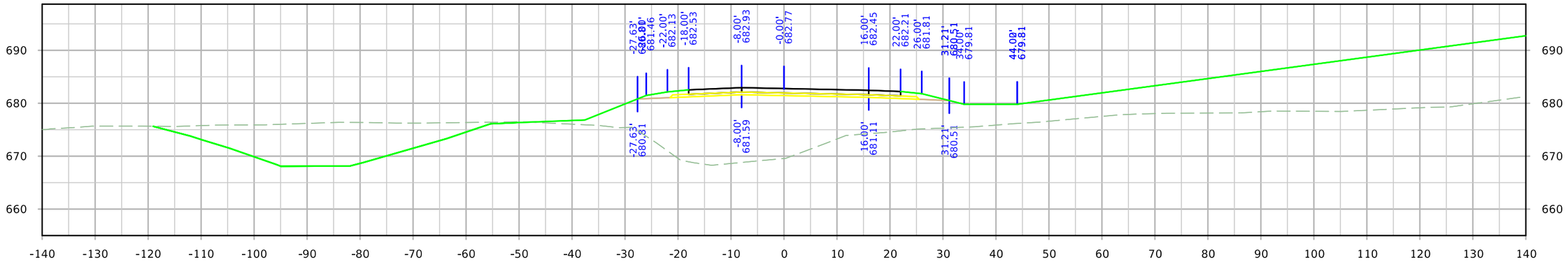
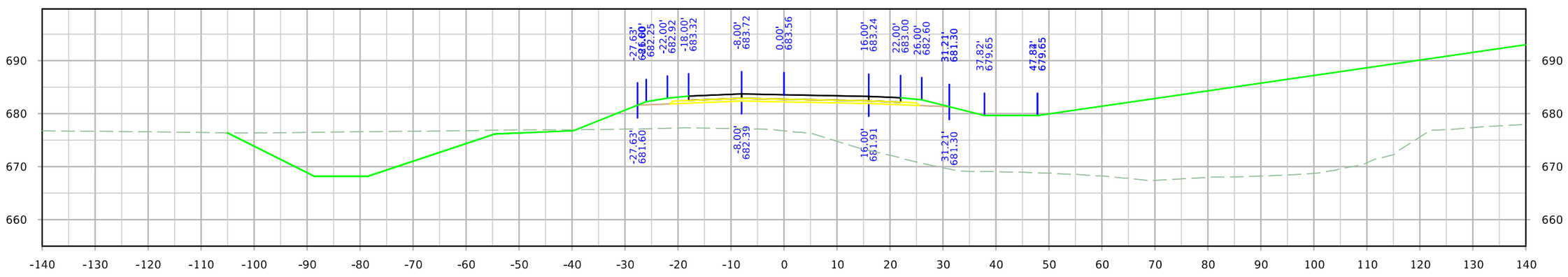


STA. 3225+50.00



STA. 3225+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.36

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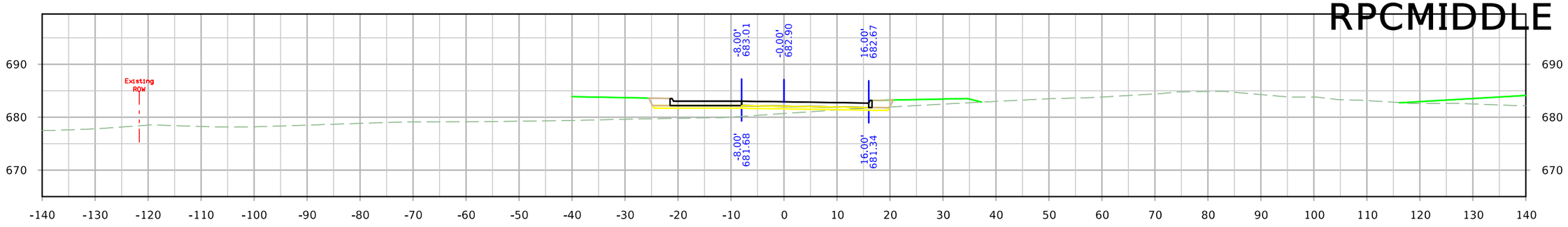
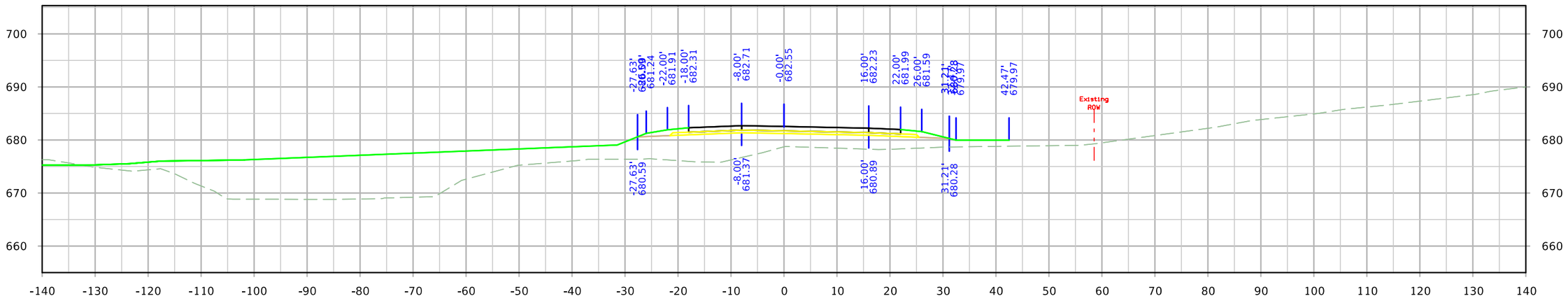
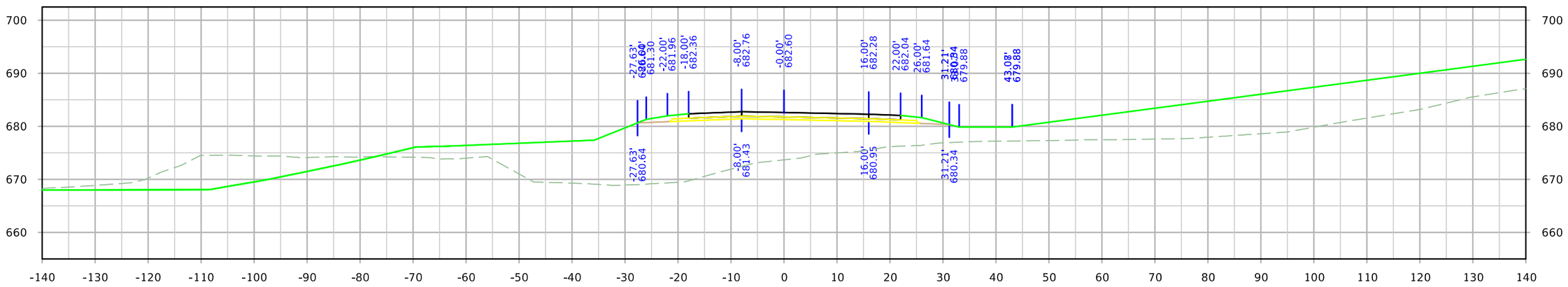
RPCMIDDLE



STA. 3226+50.00



STA. 3226+00.00

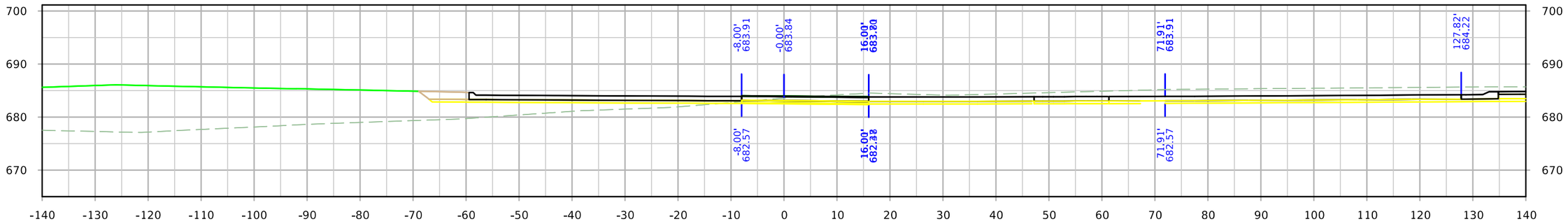


STA. 3225+71.38

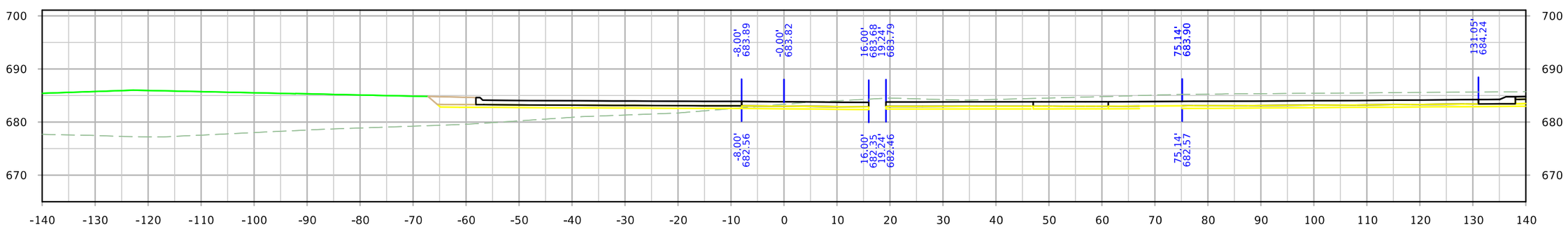
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.37

12:09:35 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y26.dgn

RPCMIDDLE



STA. 3227+00.71

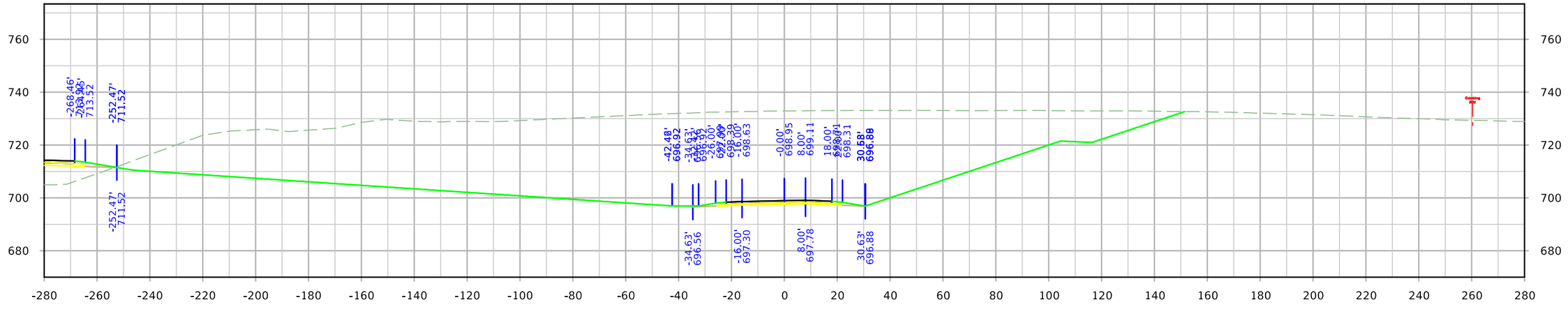


STA. 3227+00.00

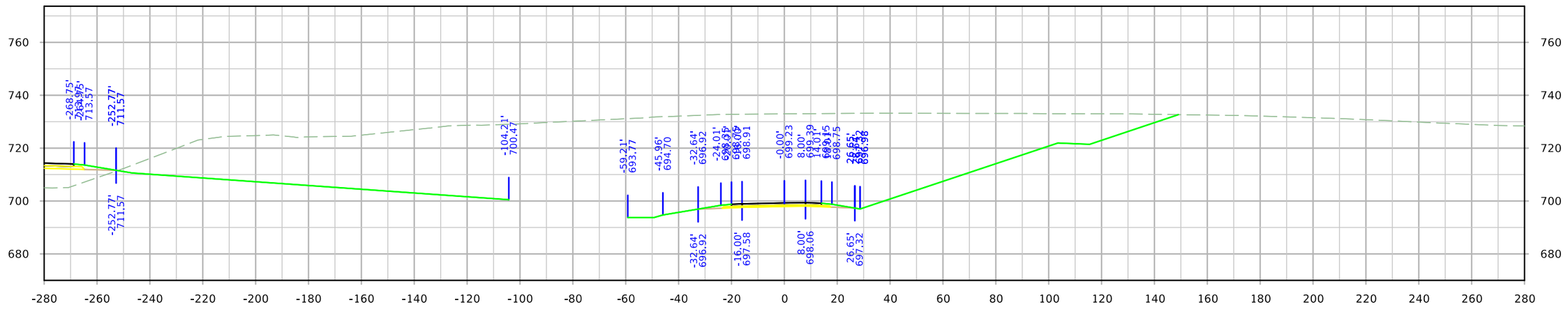
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.38	

12:09:36 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y26.dgn

RPDMIDDLE



STA. 4228+00.00

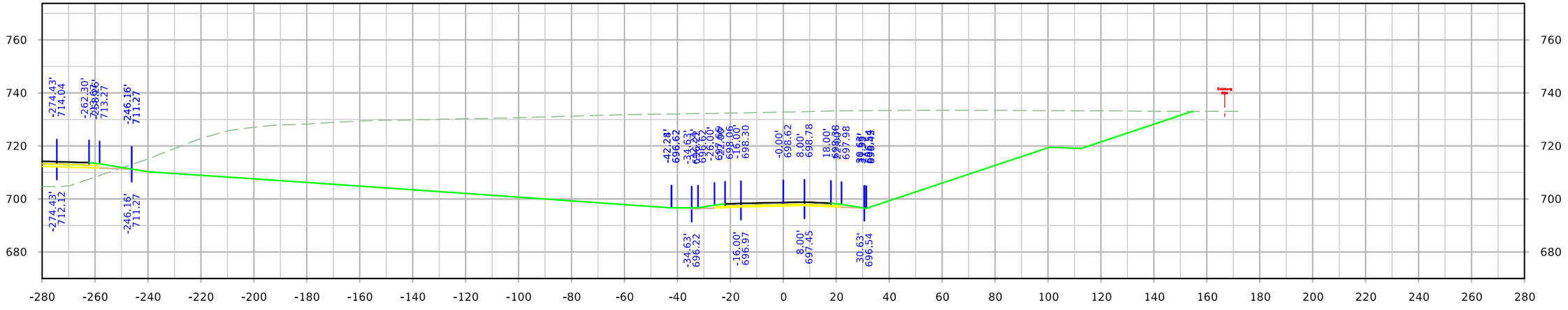


STA. 4227+78.65

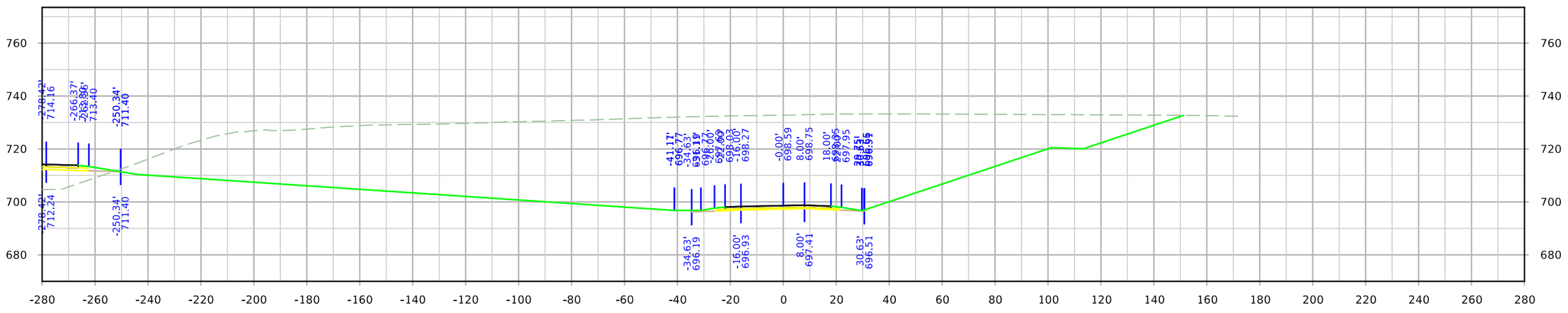
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.39	

12:09:46 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y39.dgn

RPDMIDDLE



STA. 4229+00.00

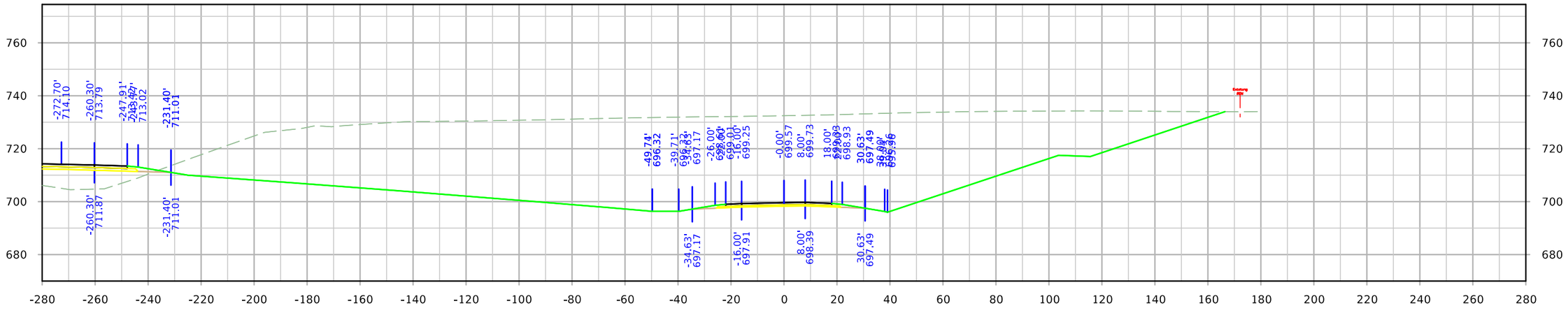


STA. 4228+50.00

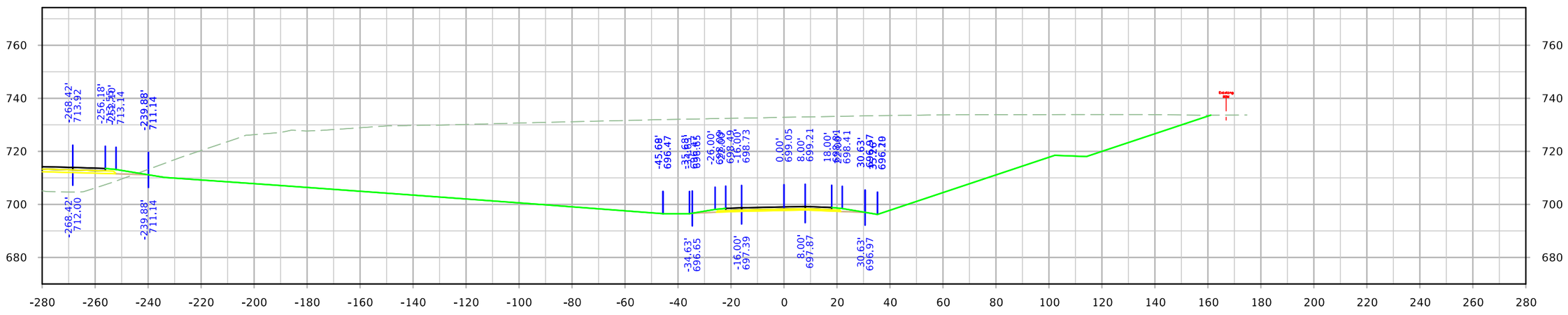
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.40

12:09:47 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y39.dgn

RPDMIDDLE



STA. 4230+00.00



STA. 4229+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.41

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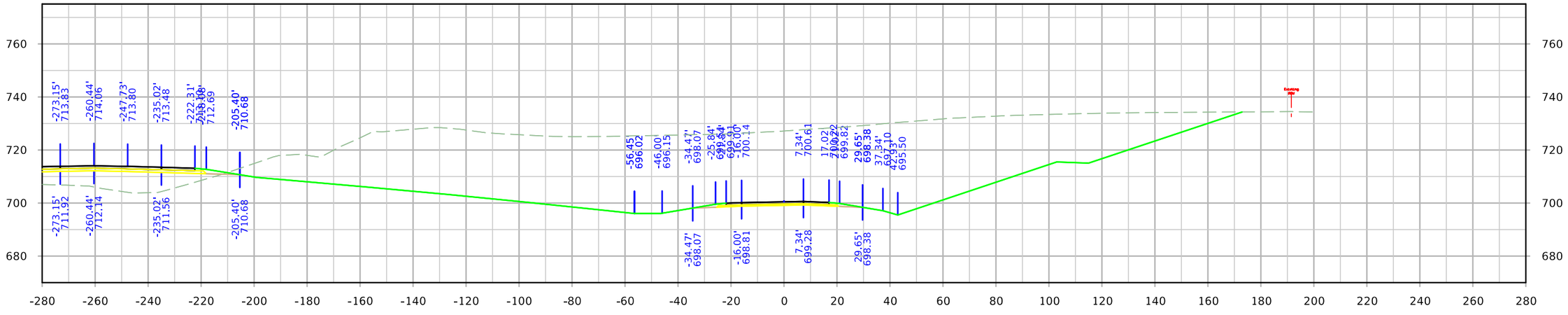
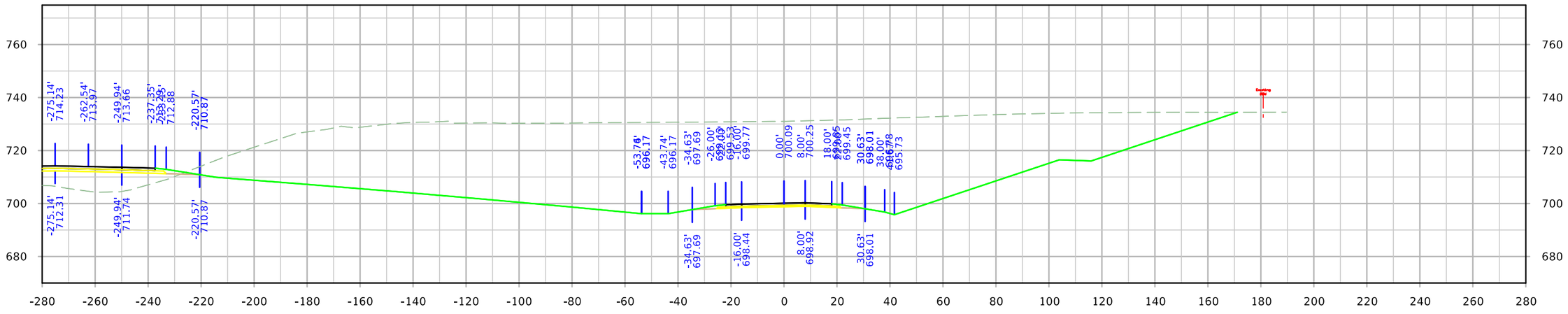
RPDMIDDLE



STA. 4231+00.00

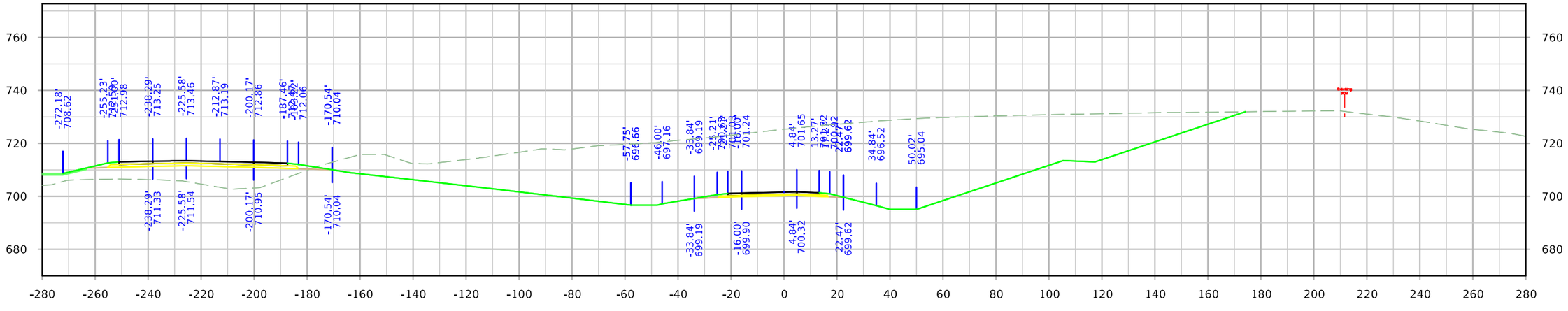


STA. 4230+50.00

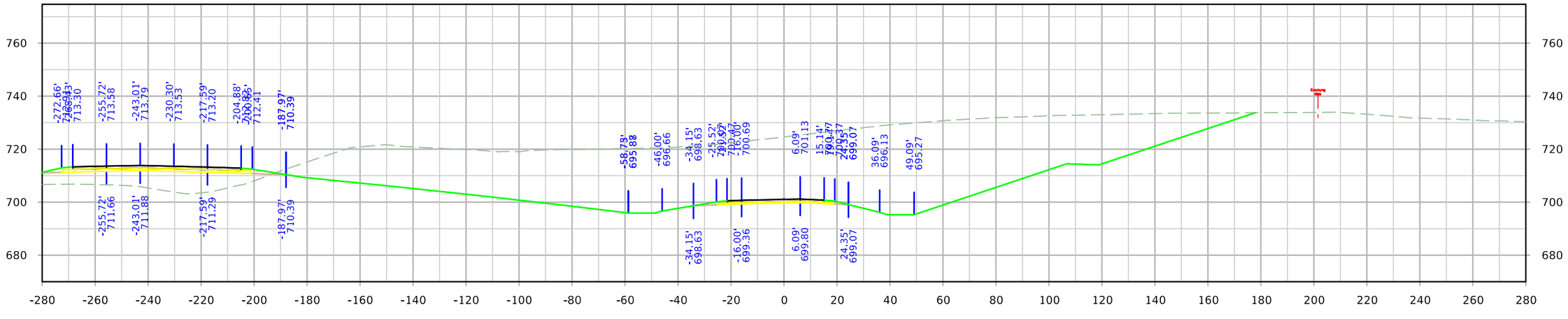
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.42

12:09:50 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y39.dgn

RPDMIDDLE



STA. 4232+00.00



STA. 4231+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.43

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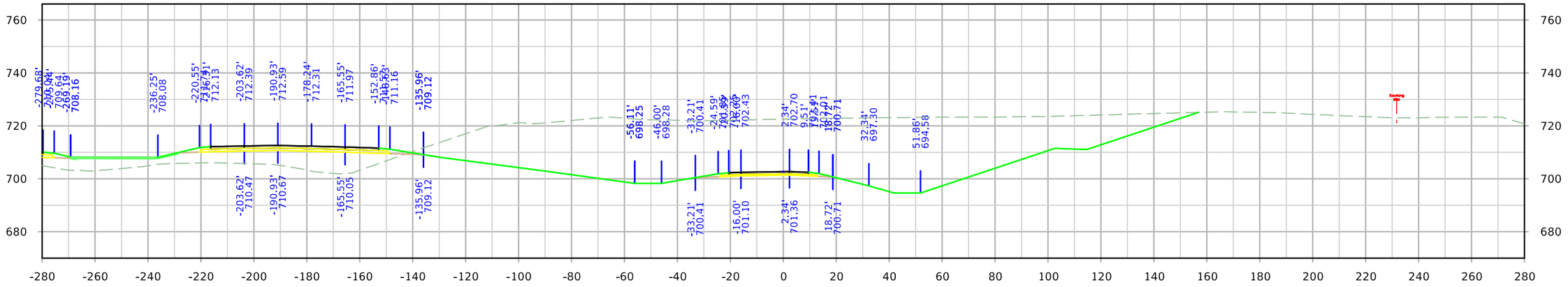
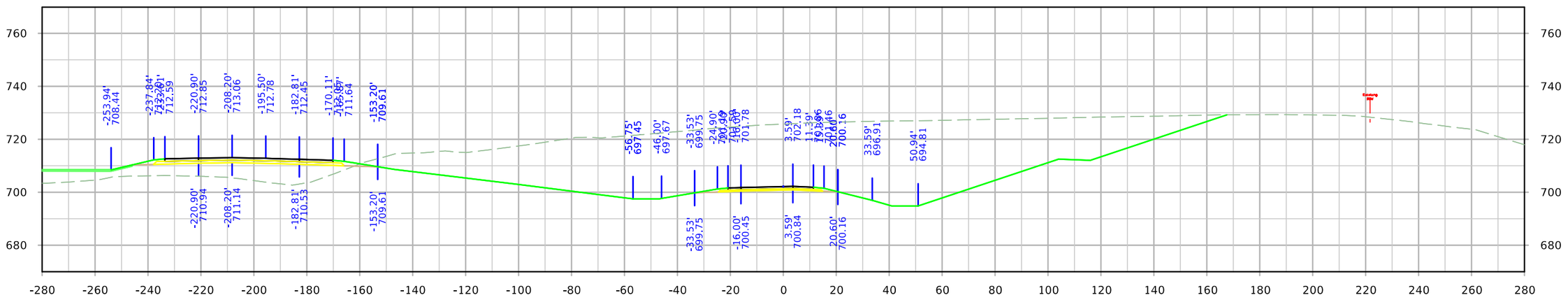
RPDMIDDLE



STA. 4233+00.00

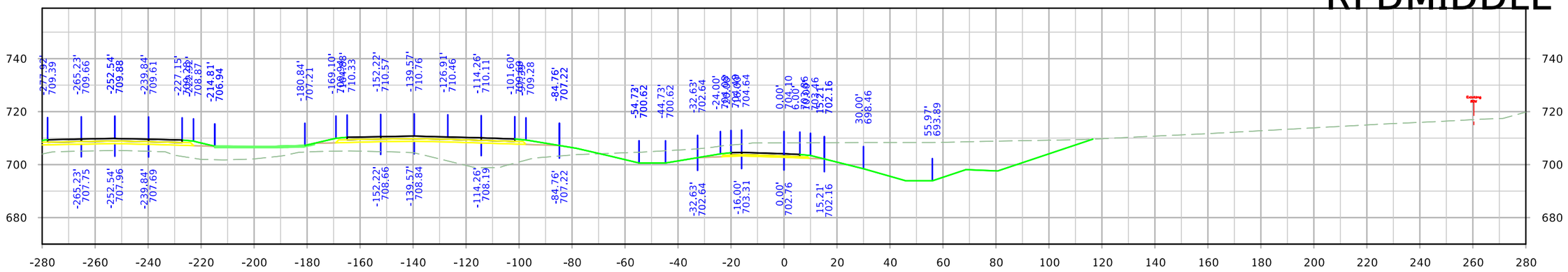


STA. 4232+50.00

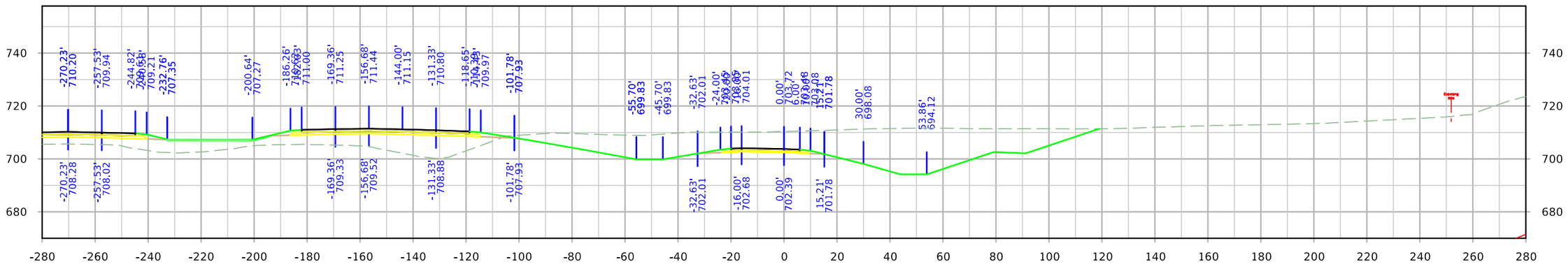
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.44

12:09:53 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y39.dgn

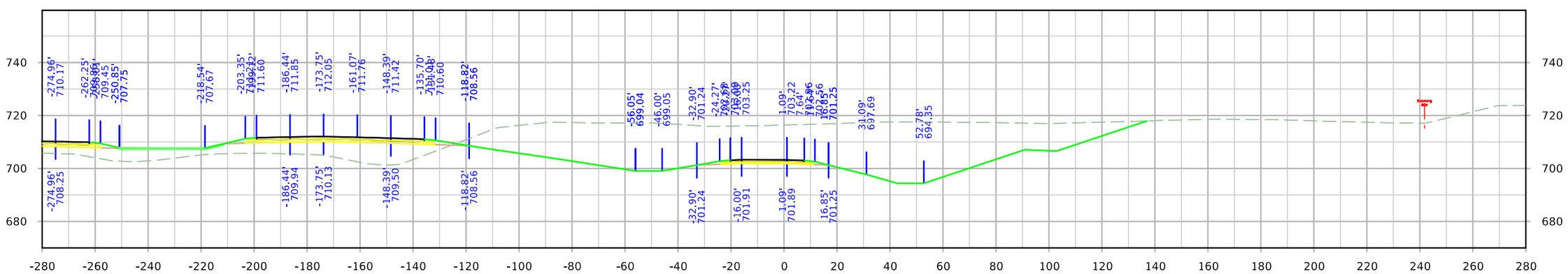
RPDMIDDLE



STA. 4234+50.00



STA. 4234+00.00



STA. 4233+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.45

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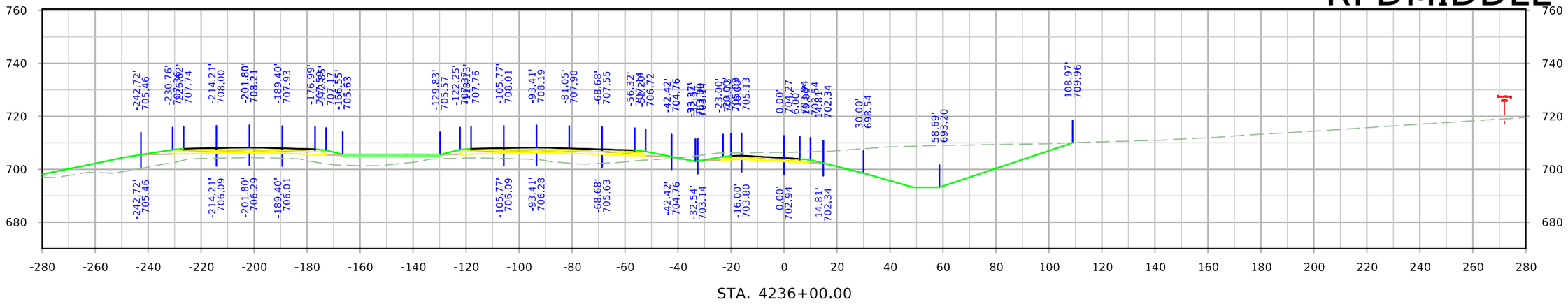
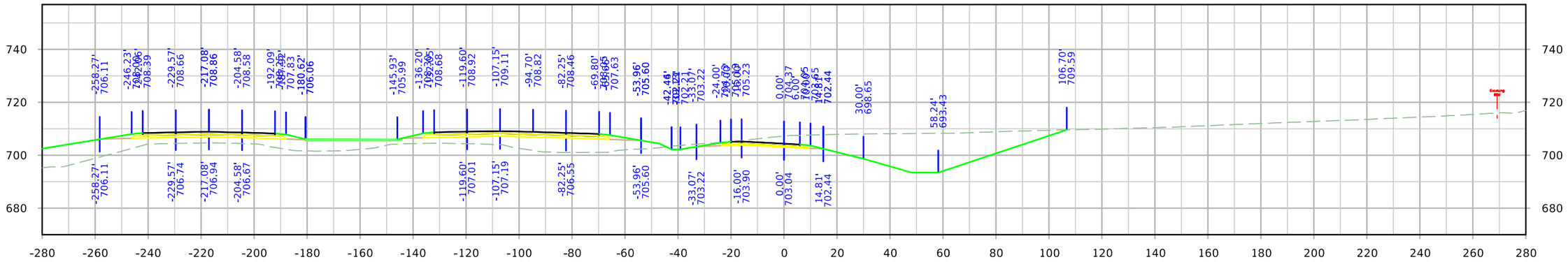
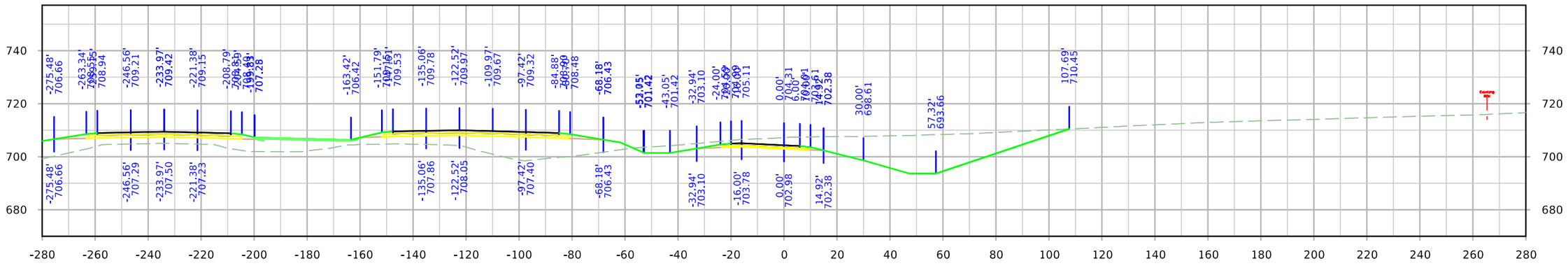
RPDMIDDLE



STA. 4236+00.00



STA. 4235+50.00



STA. 4235+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.46

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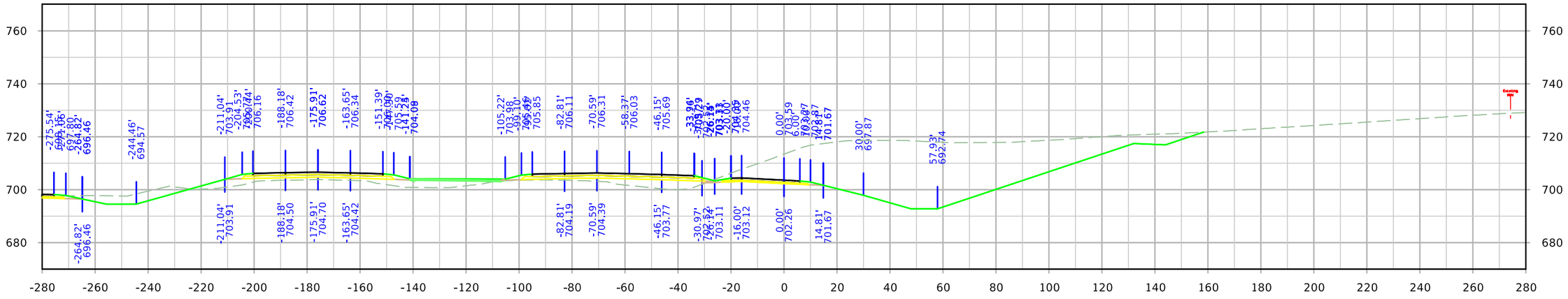
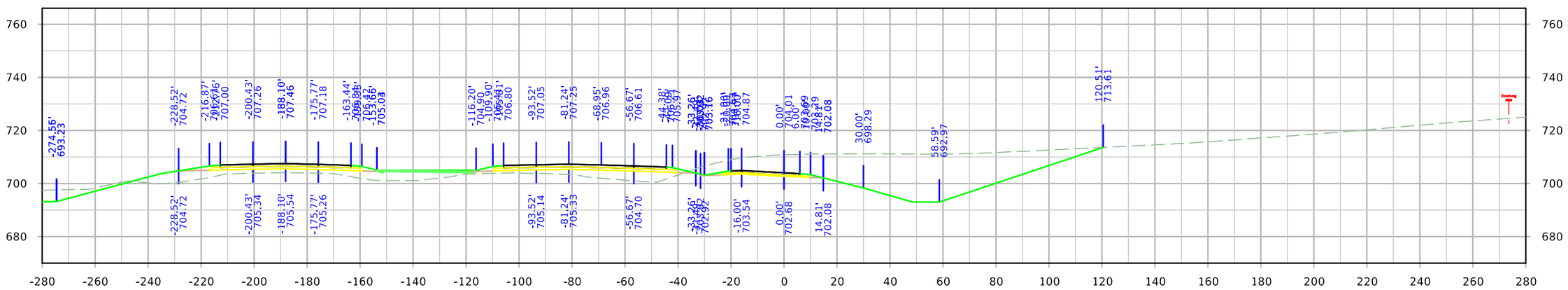
RPDMIDDLE



STA. 4237+00.00

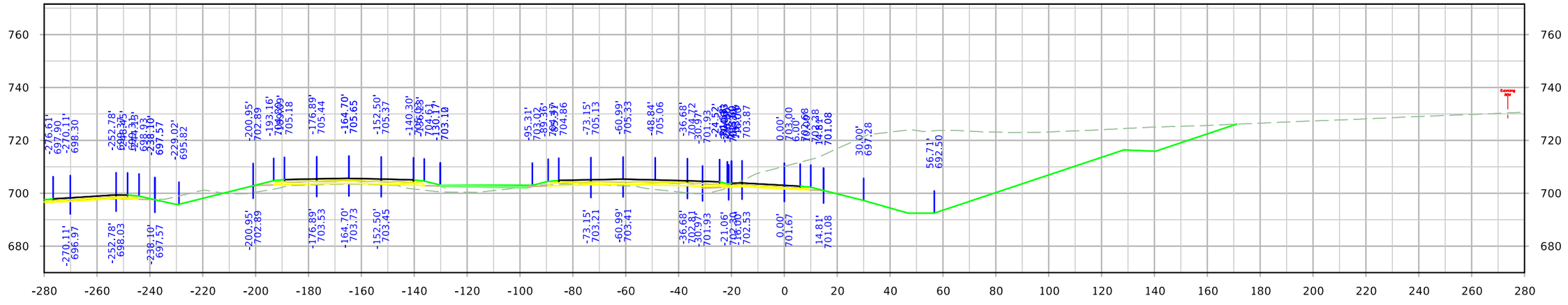


STA. 4236+50.00

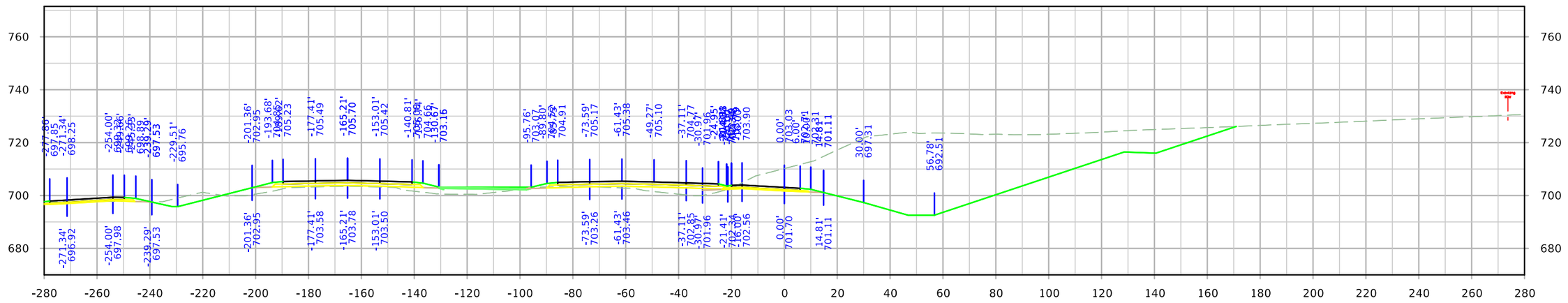
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.47

12:09:58 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y39.dgn

RPDMIDDLE



STA. 4237+52.60



STA. 4237+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.48

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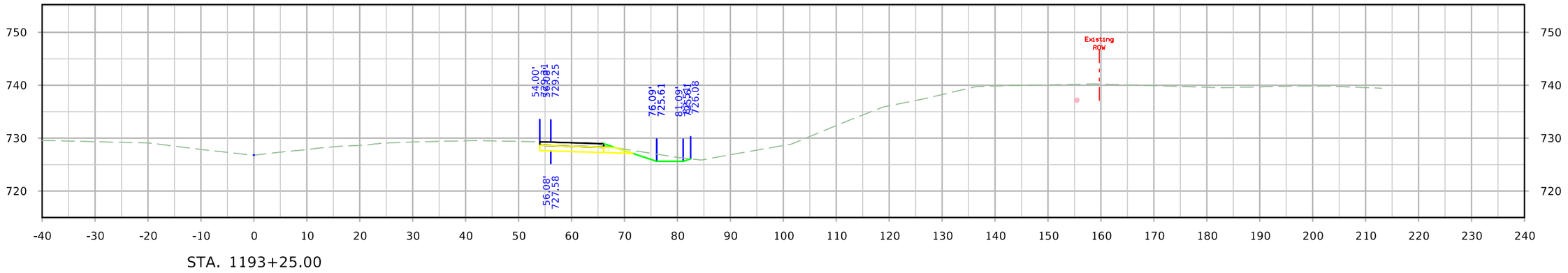
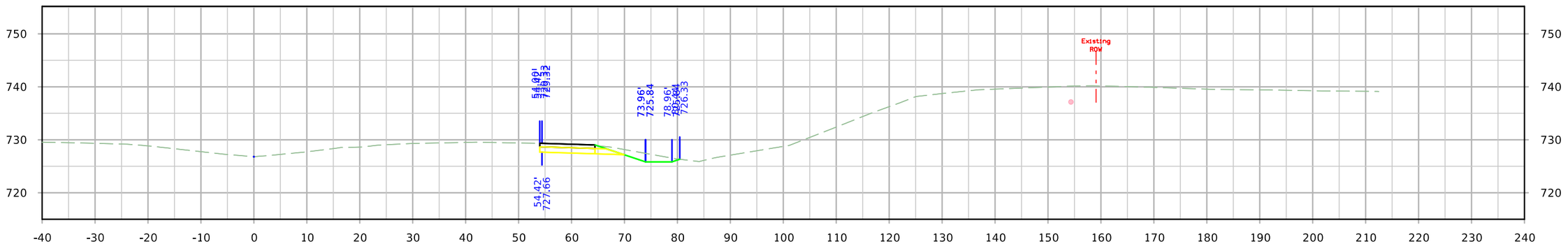
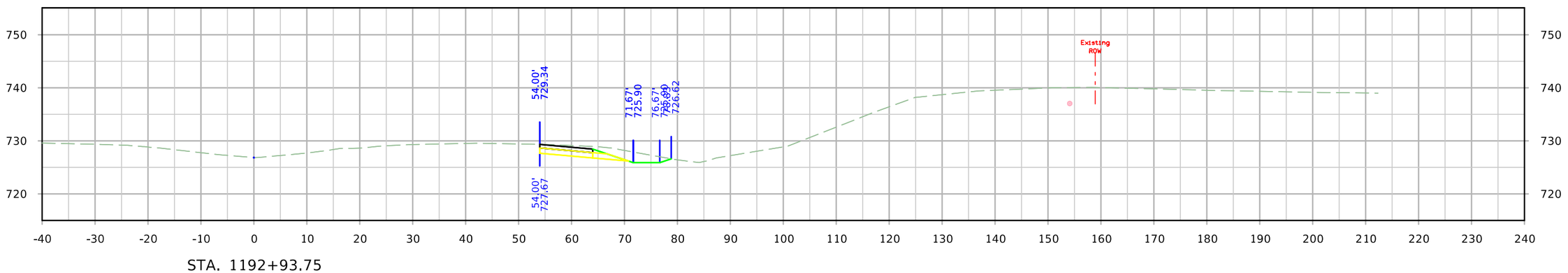
DETML80RMPB



STA. 1193+25.00



STA. 1193+00.00

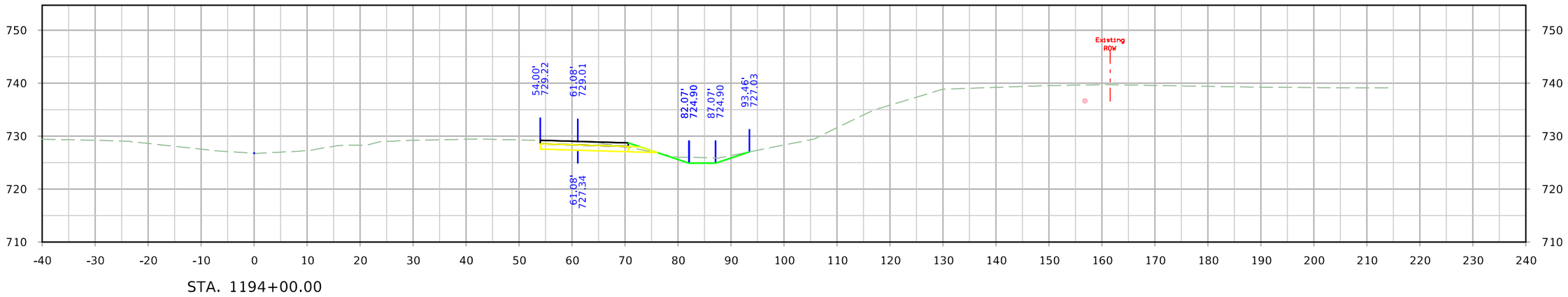


STA. 1192+93.75

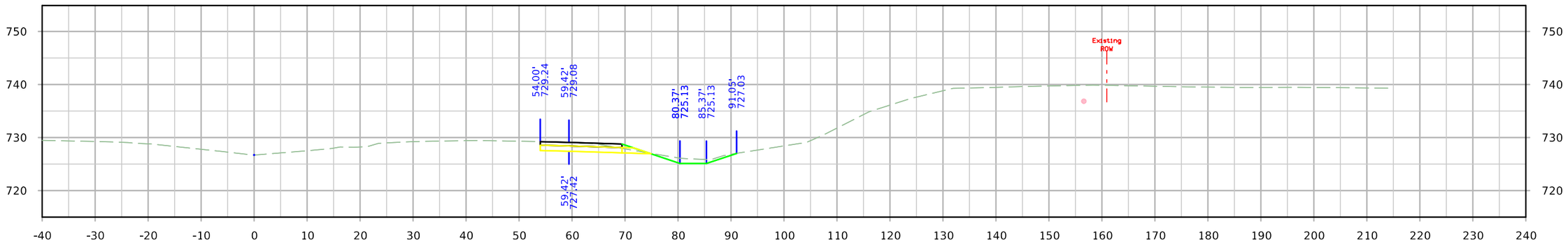
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.49

1:04:42 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

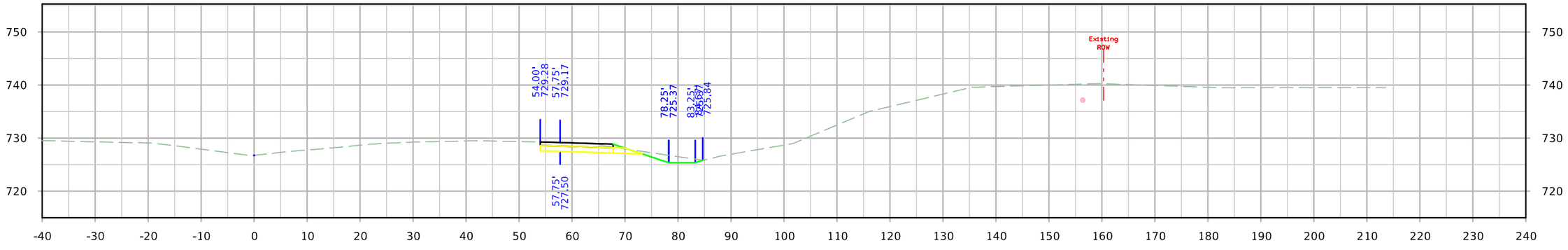
DETML80RMPB



STA. 1194+00.00



STA. 1193+75.00

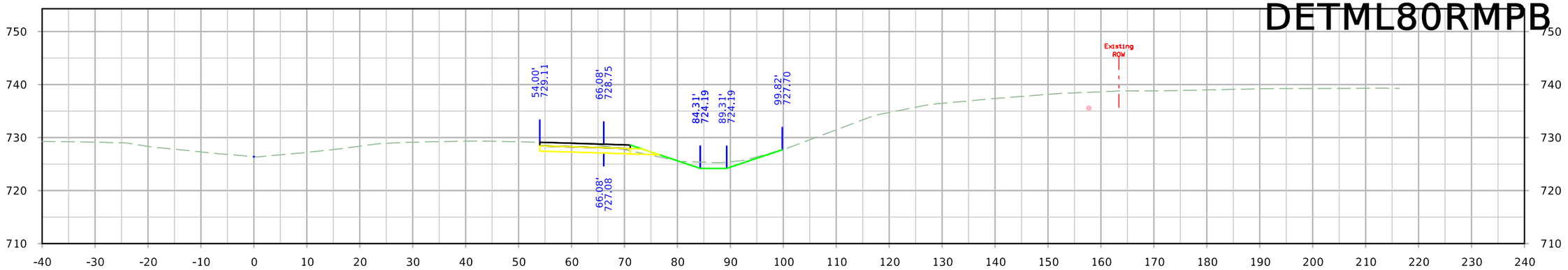


STA. 1193+50.00

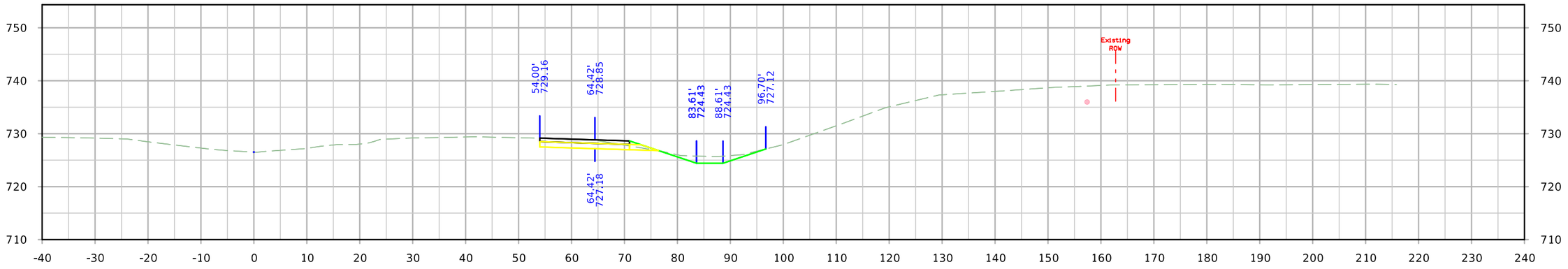
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.50

1:04:42 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

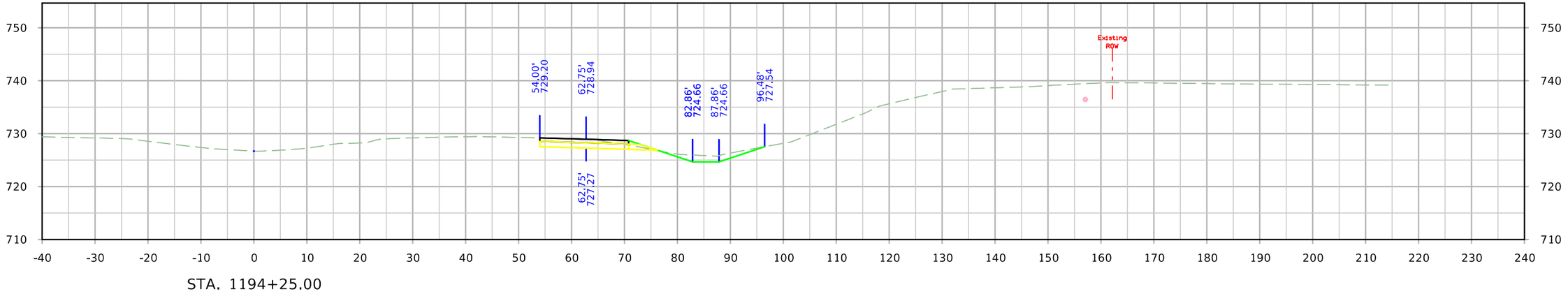
DETML80RMPB



STA. 1194+75.00



STA. 1194+50.00

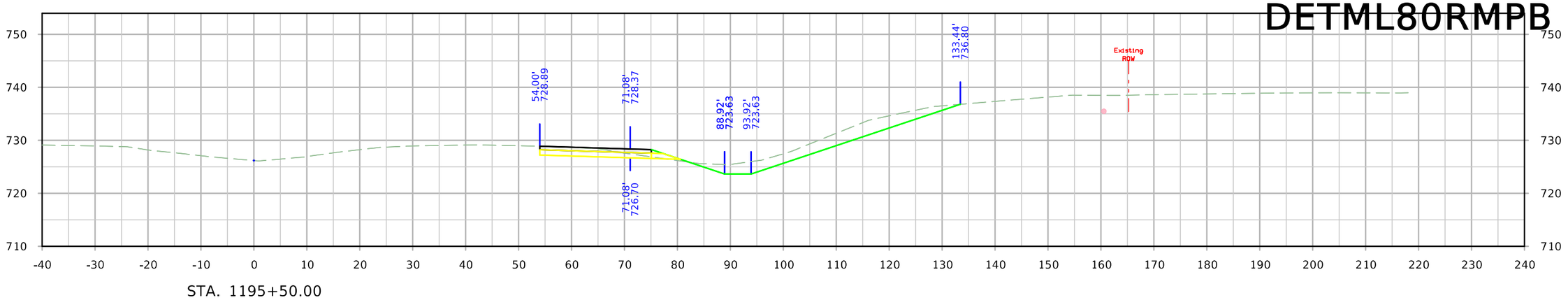


STA. 1194+25.00

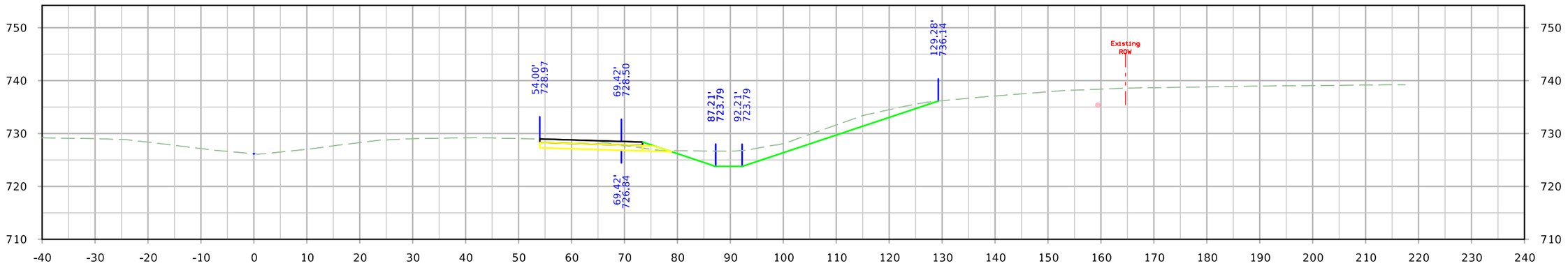
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.51

1:04:43 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

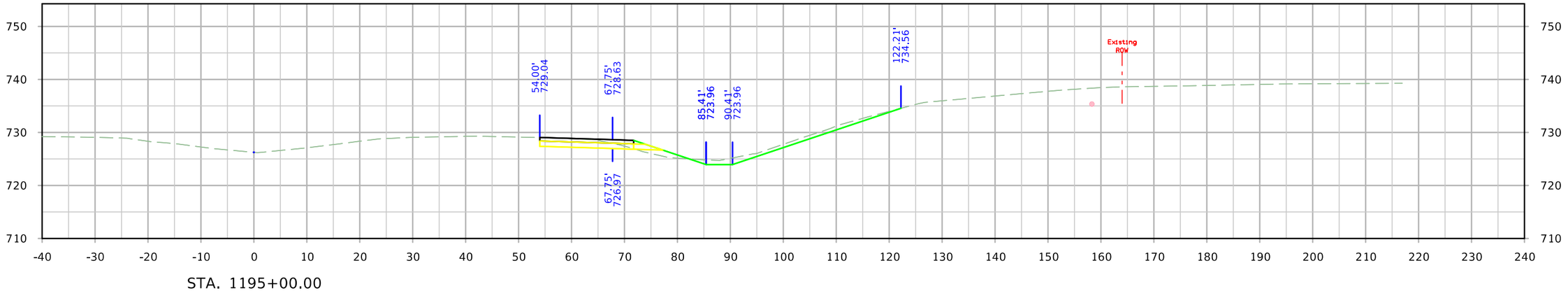
DETML80RMPB



STA. 1195+50.00



STA. 1195+25.00

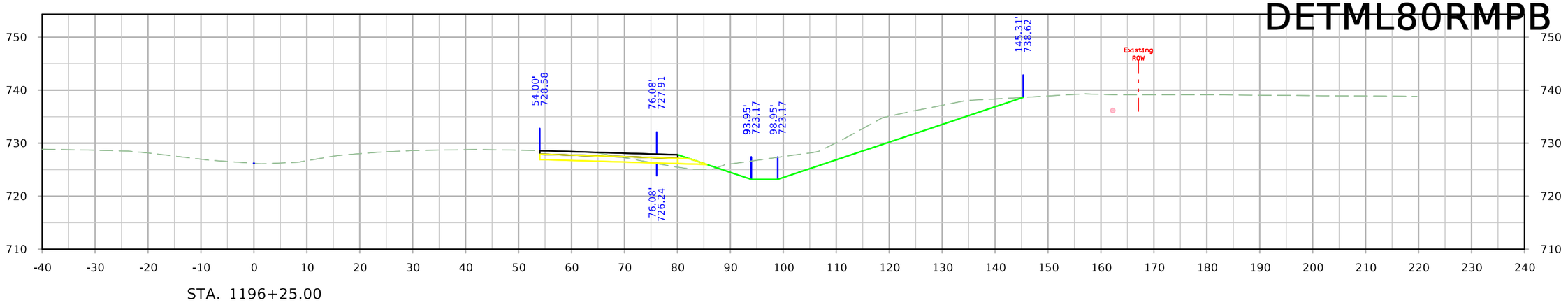


STA. 1195+00.00

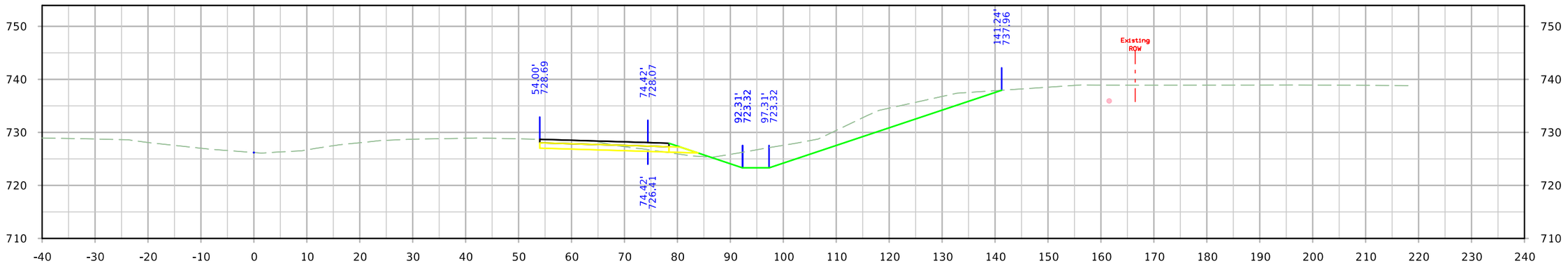
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.52	

1:04:44 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

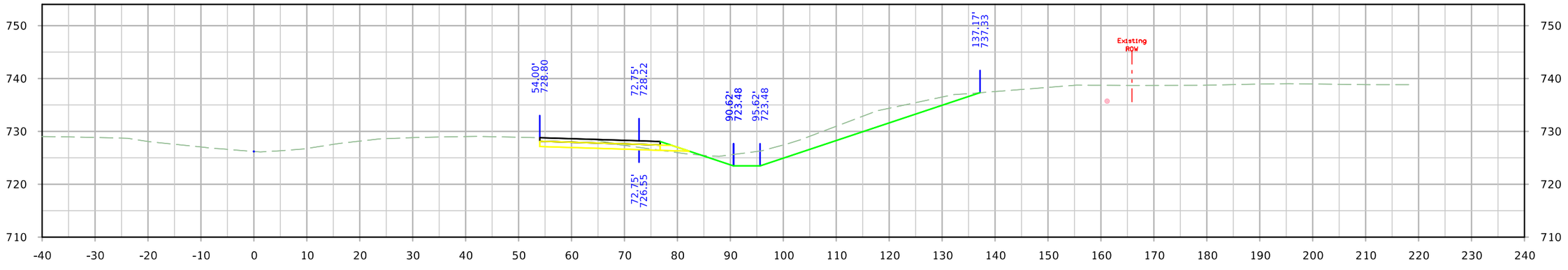
DETML80RMPB



STA. 1196+25.00



STA. 1196+00.00

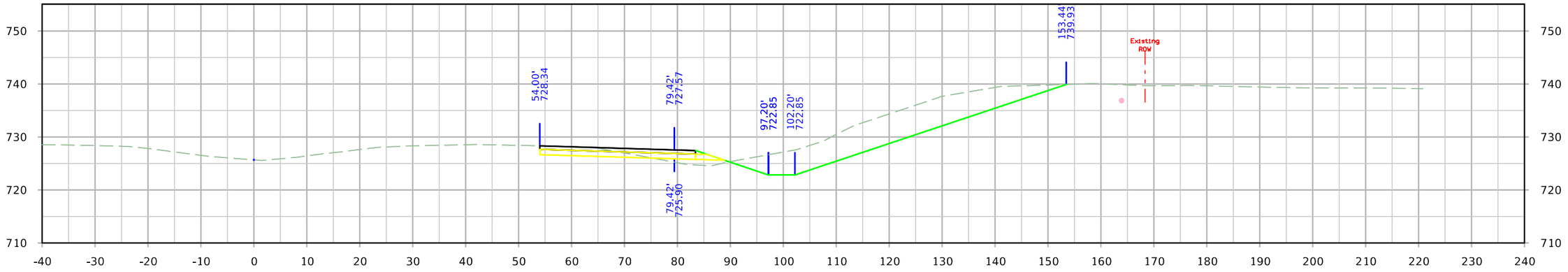


STA. 1195+75.00

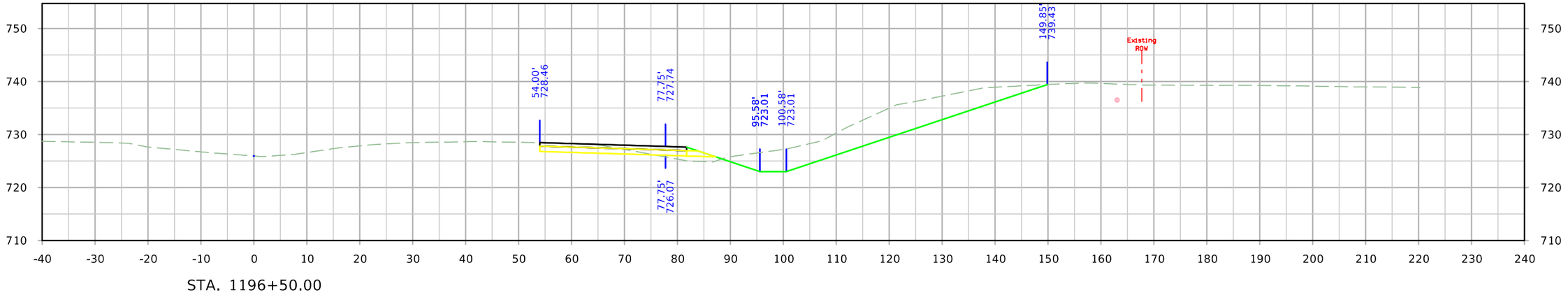
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.53

1:04:45 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

DETML80RMPB



STA. 1196+75.00

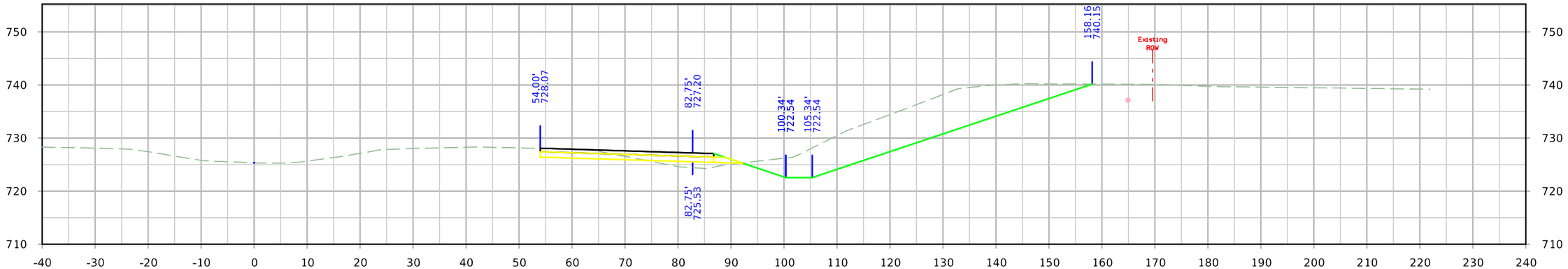


STA. 1196+50.00

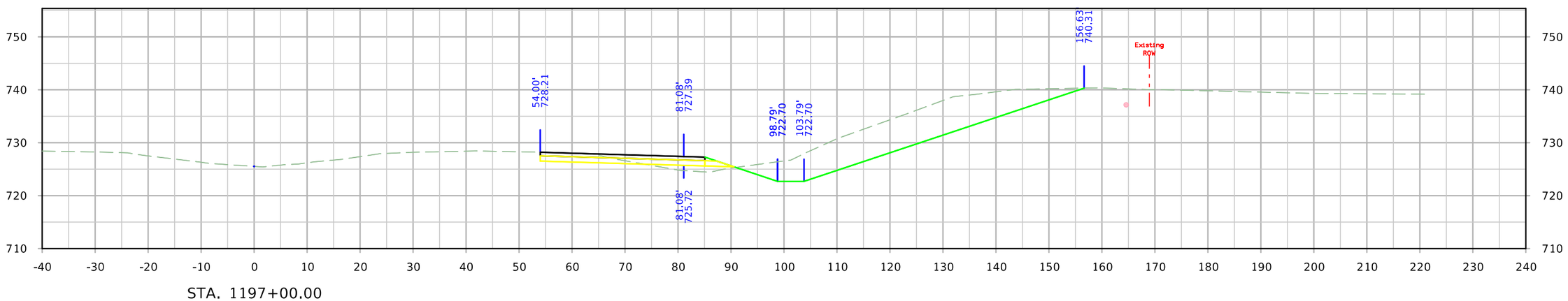
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.54

1:04:46 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

DETML80RMPB



STA. 1197+25.00

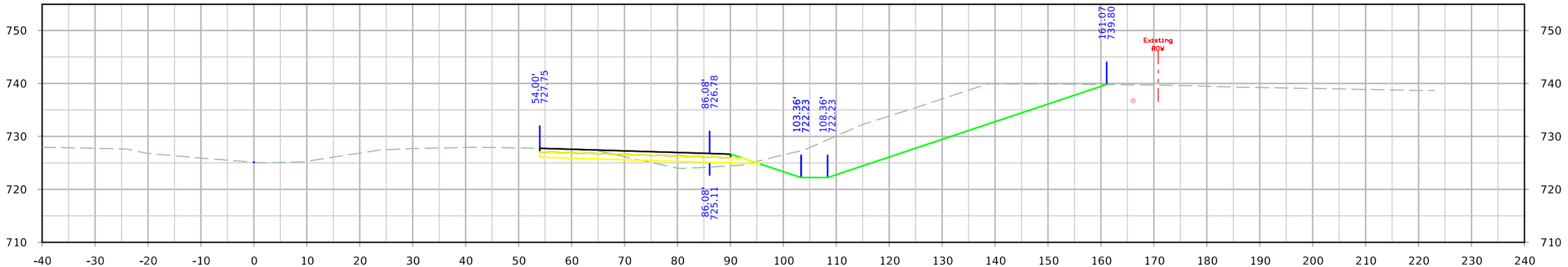


STA. 1197+00.00

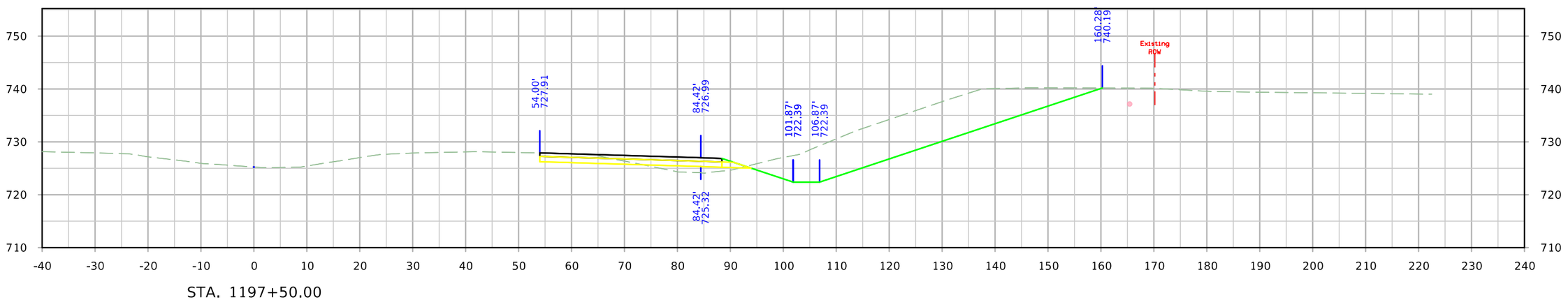
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.55

1:04:46 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

DETML80RMPB



STA. 1197+75.00

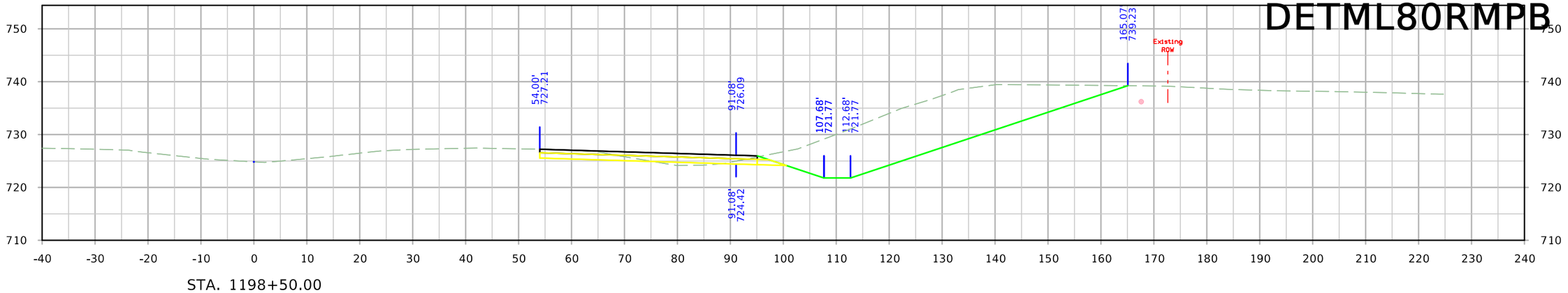


STA. 1197+50.00

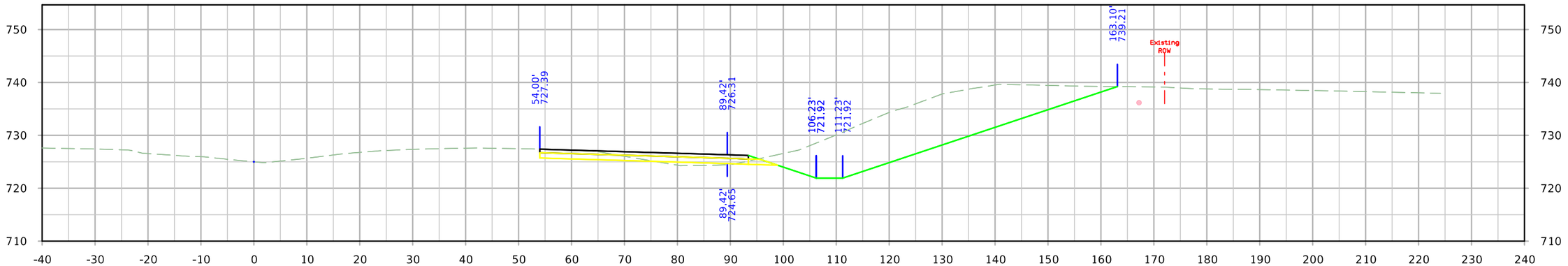
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.56

1:04:47 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

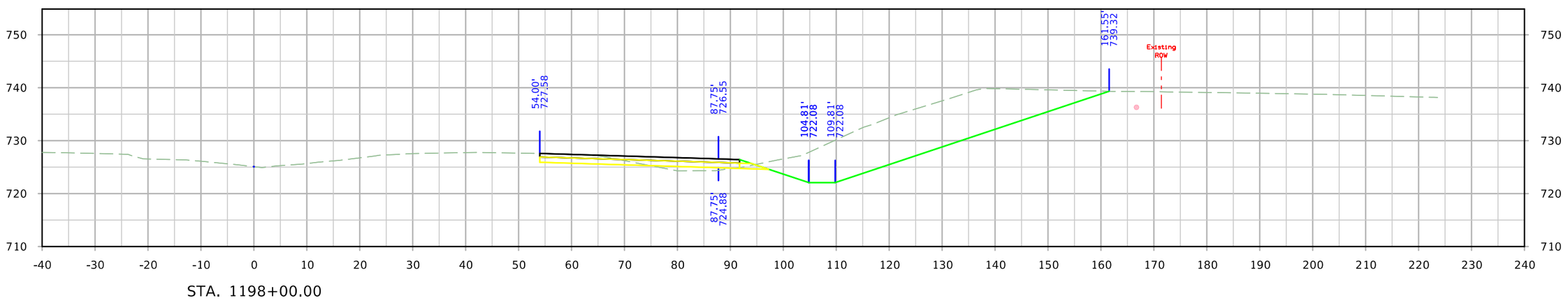
DETML80RMPB



STA. 1198+50.00



STA. 1198+25.00

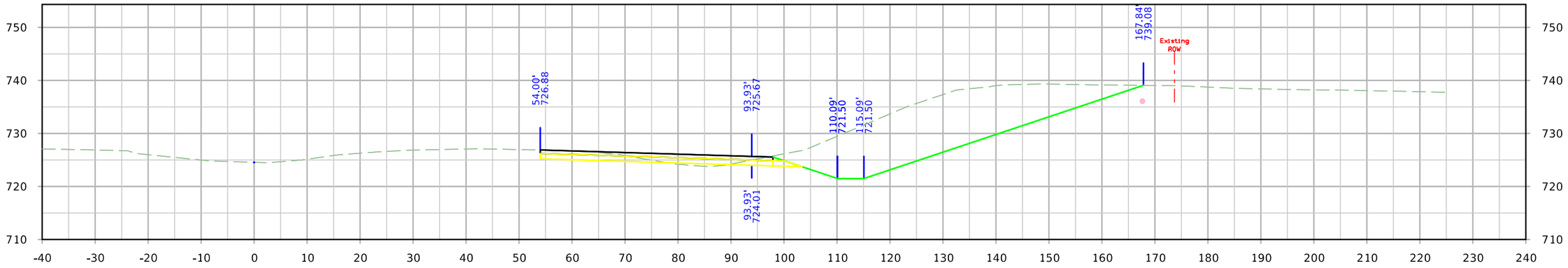


STA. 1198+00.00

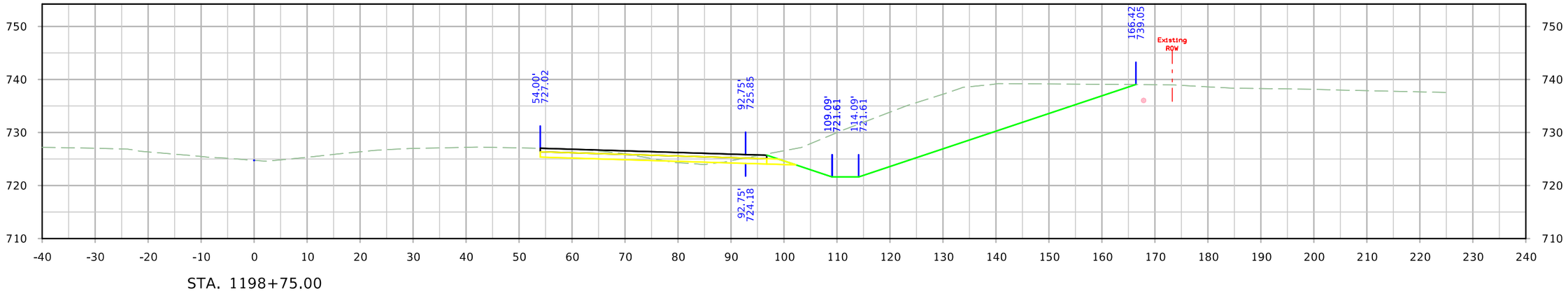
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.57	

1:04:48 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

DETML80RMPB



STA. 1198+92.68

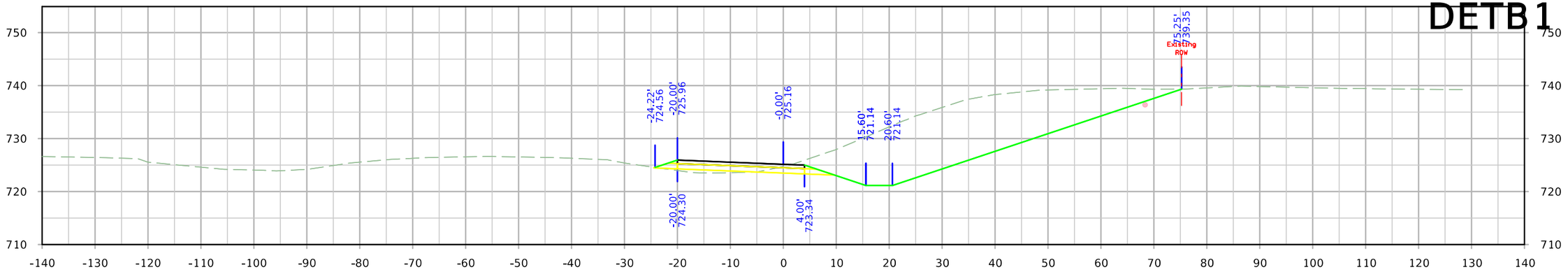


STA. 1198+75.00

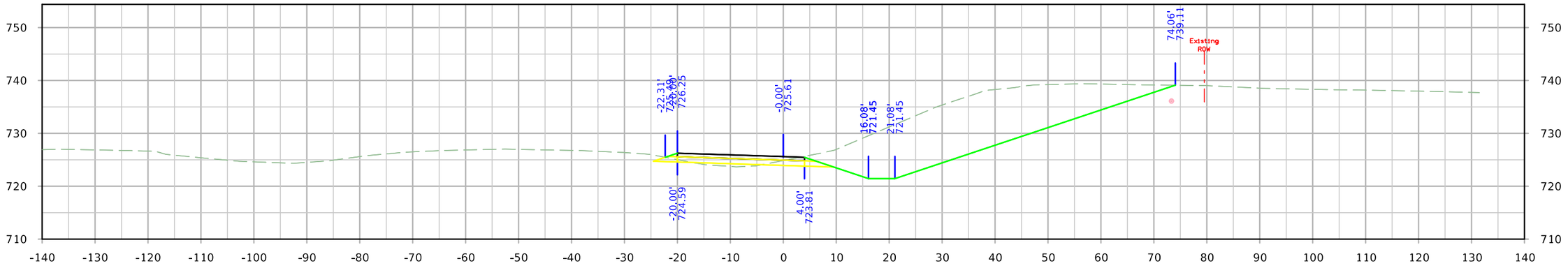
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.58

1:04:49 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y49_DETML80RMPB.dgn

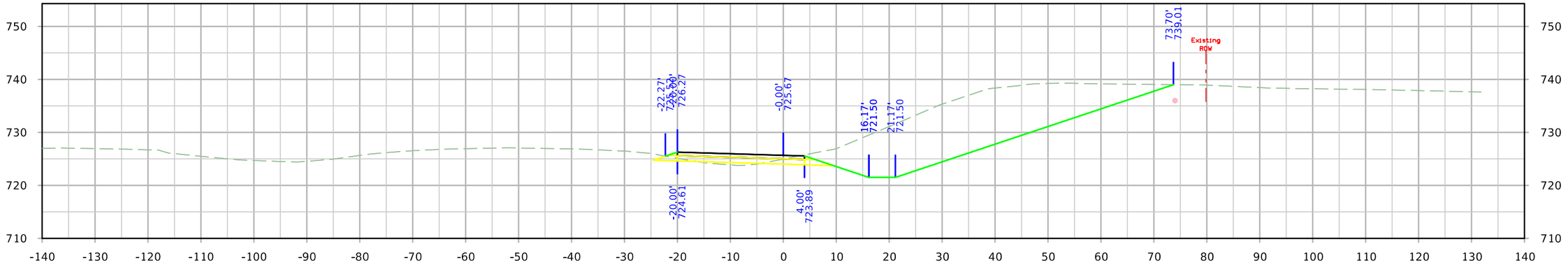
DETB1



STA. 21199+50.00



STA. 21199+00.00

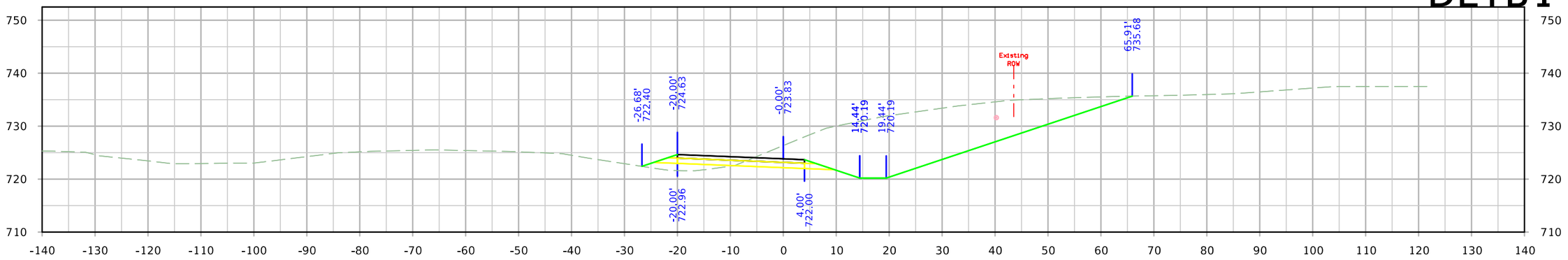


STA. 21198+92.68

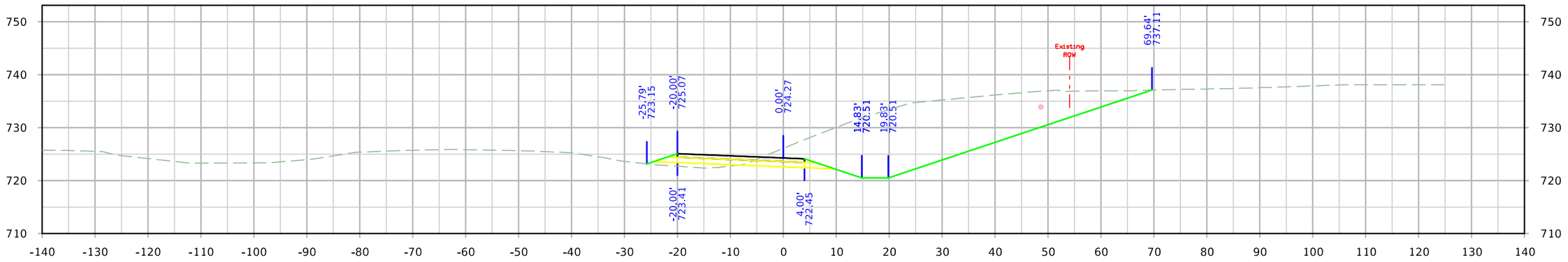
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.59

1:05:00 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

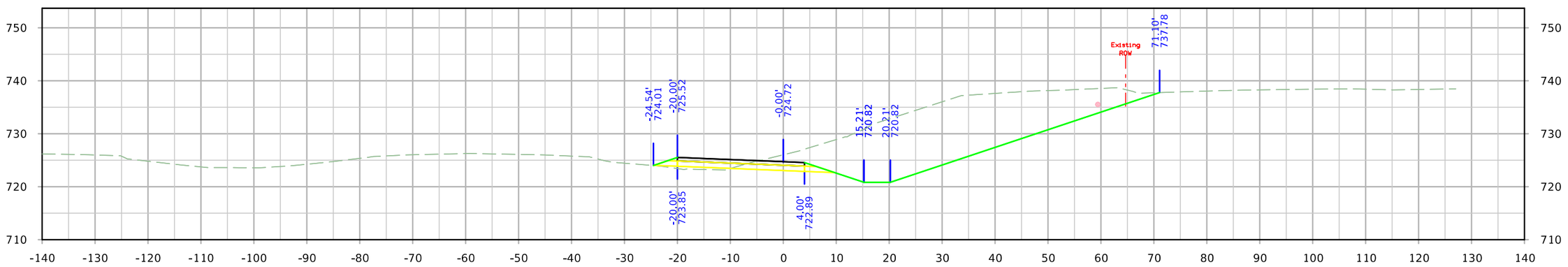
DETB1



STA. 21201+00.00



STA. 21200+50.00

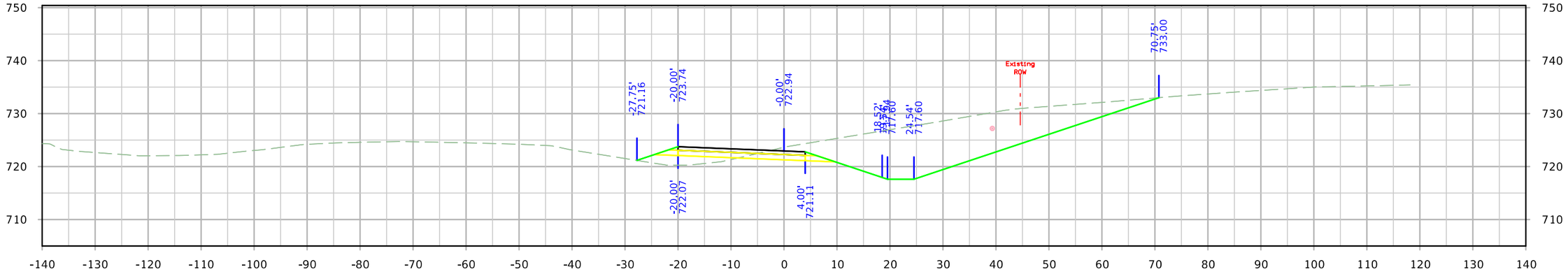


STA. 21200+00.00

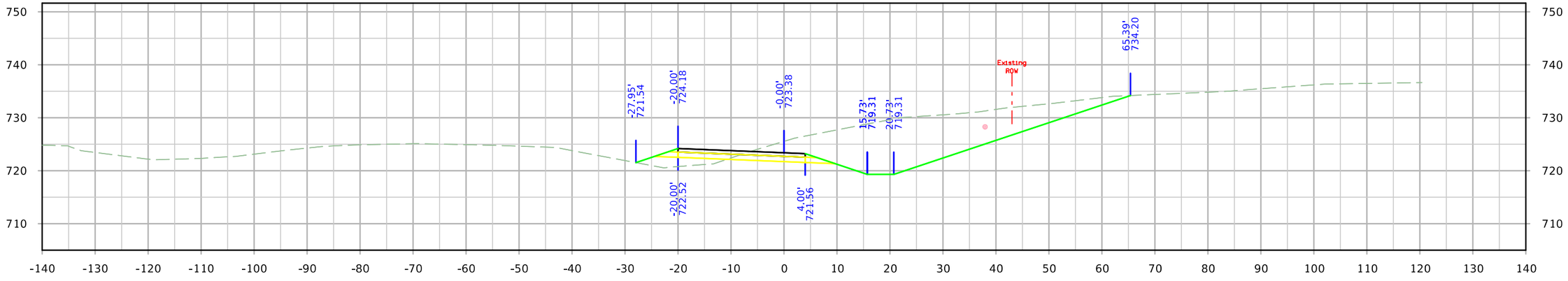
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.60

1:05:00 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETB1



STA. 21202+00.00

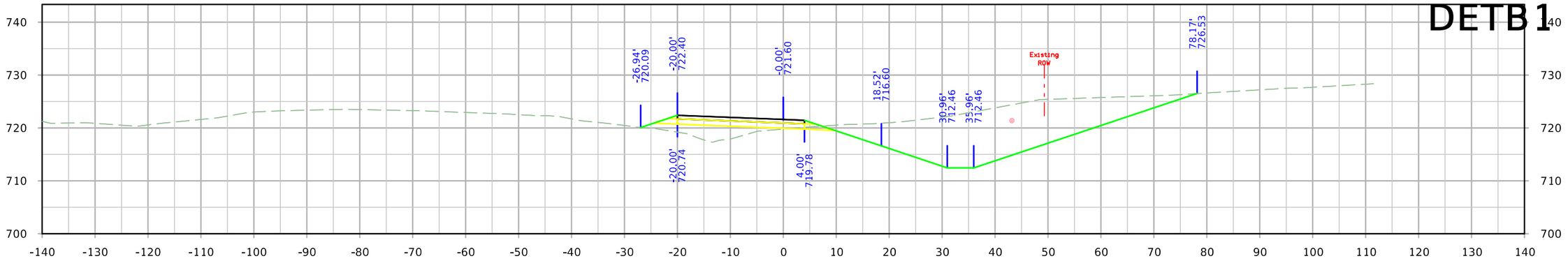


STA. 21201+50.00

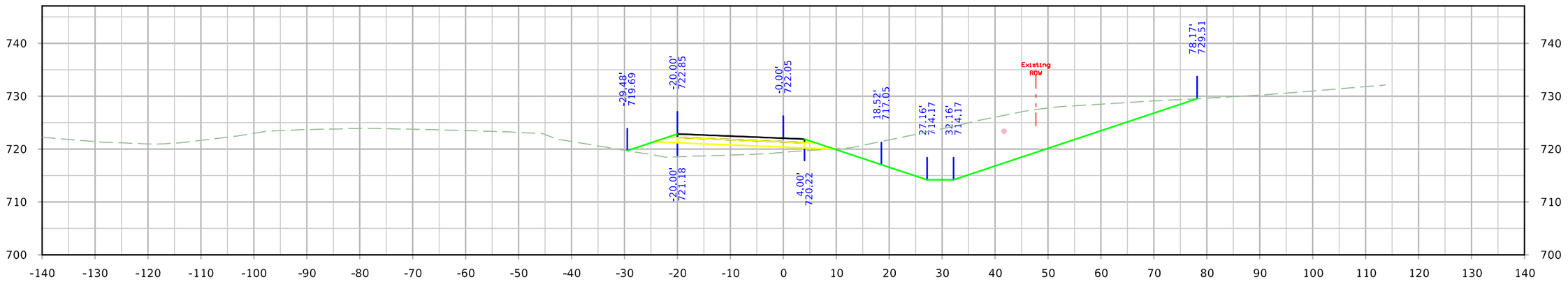
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.61	

1:05:01 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

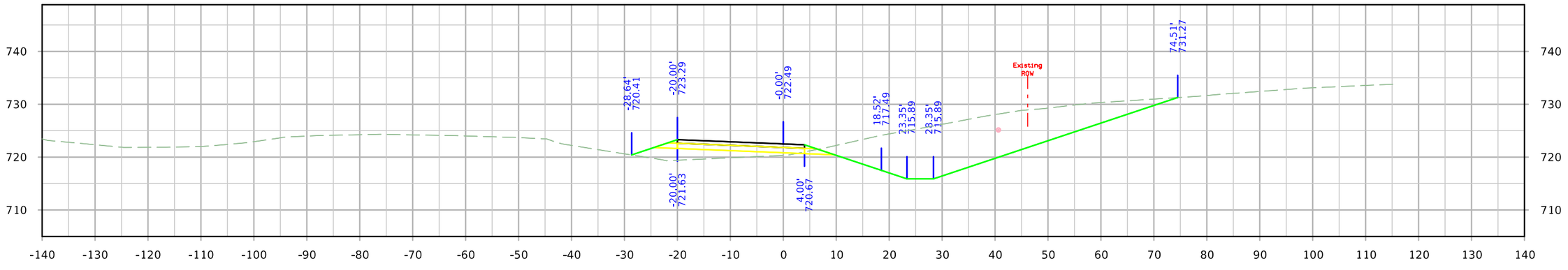
DETB1



STA. 21203+50.00



STA. 21203+00.00

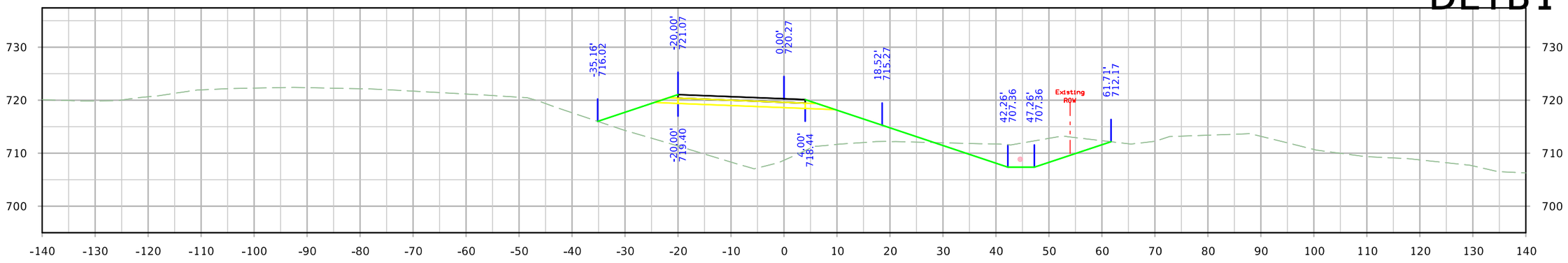


STA. 21202+50.00

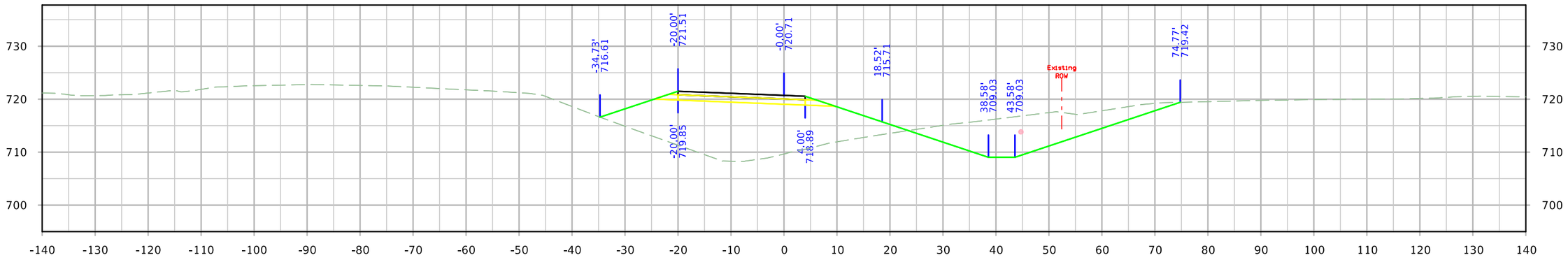
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.62

1:05:01 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

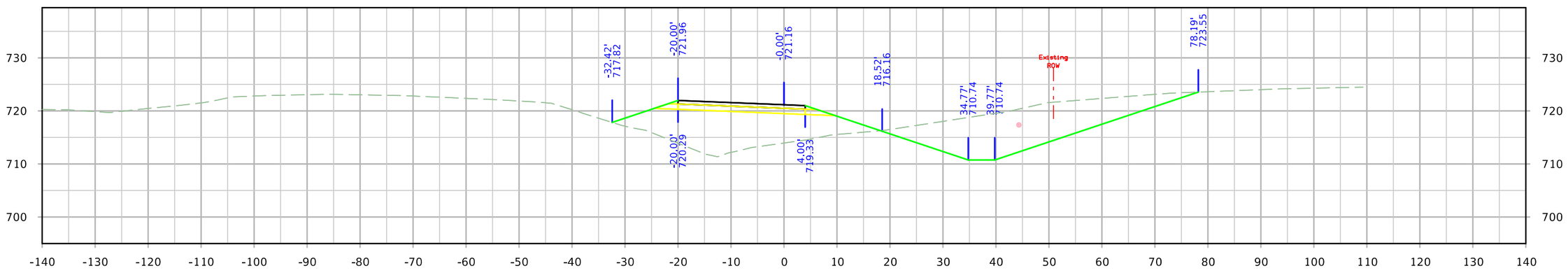
DETB1



STA. 21205+00.00



STA. 21204+50.00

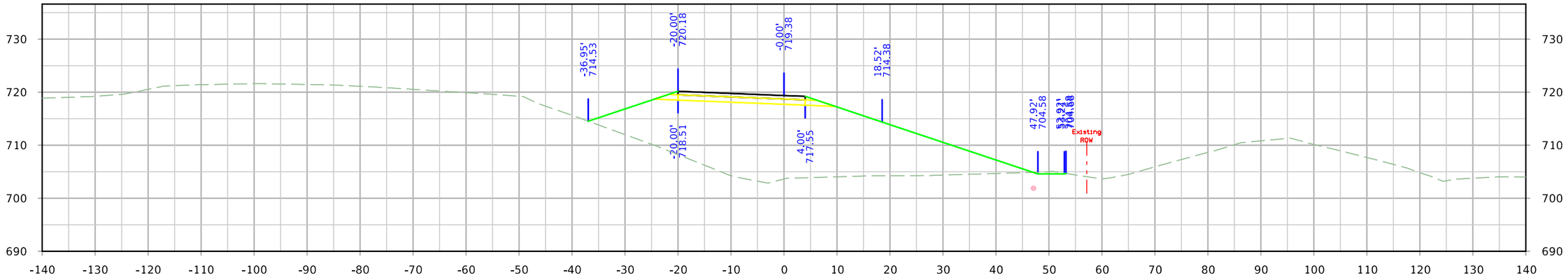


STA. 21204+00.00

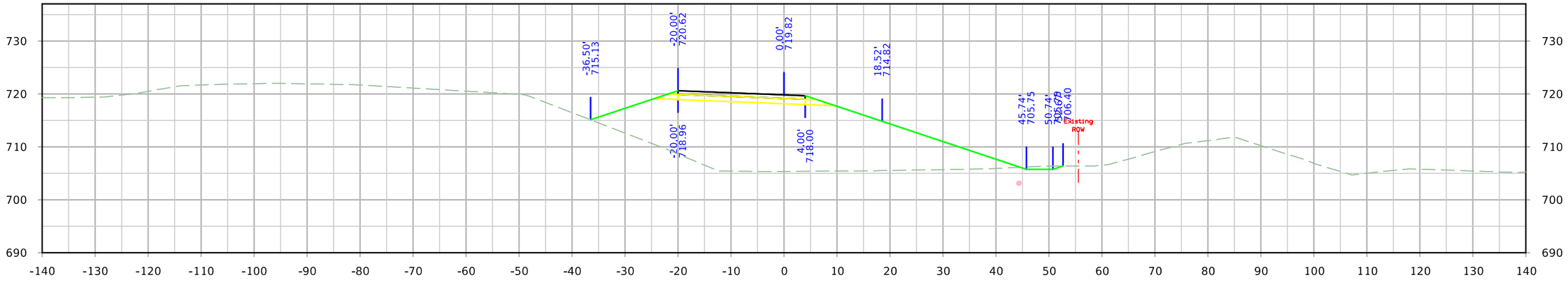
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.63	

1:05:02 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETB1



STA. 21206+00.00

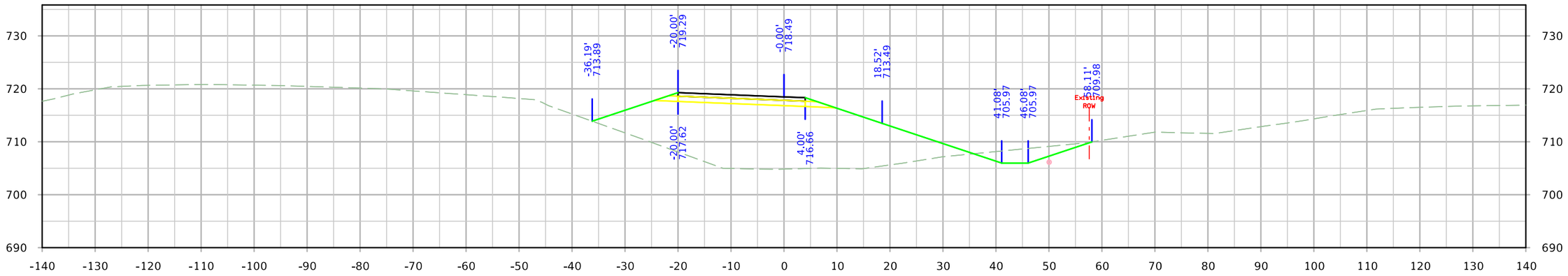


STA. 21205+50.00

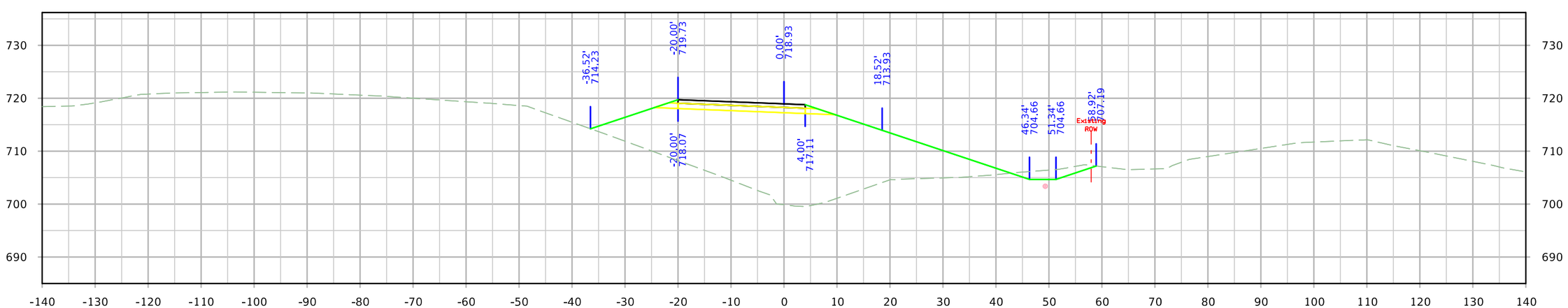
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.64

1:05:03 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETB1



STA. 21207+00.00

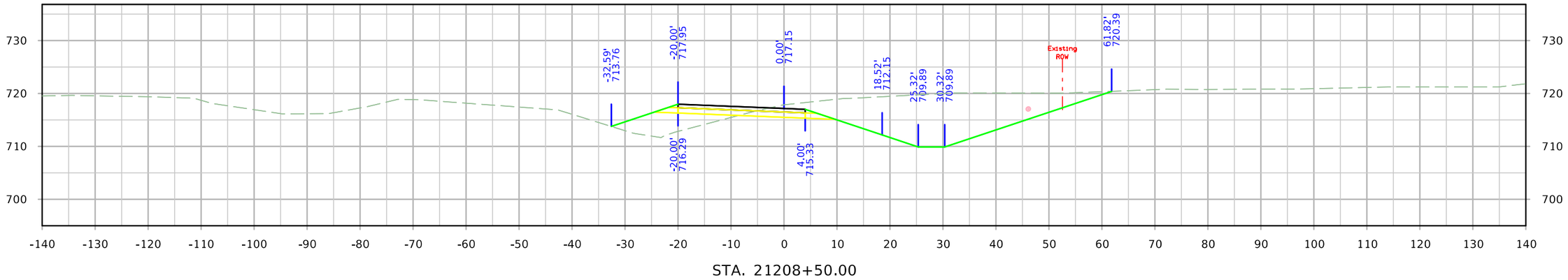


STA. 21206+50.00

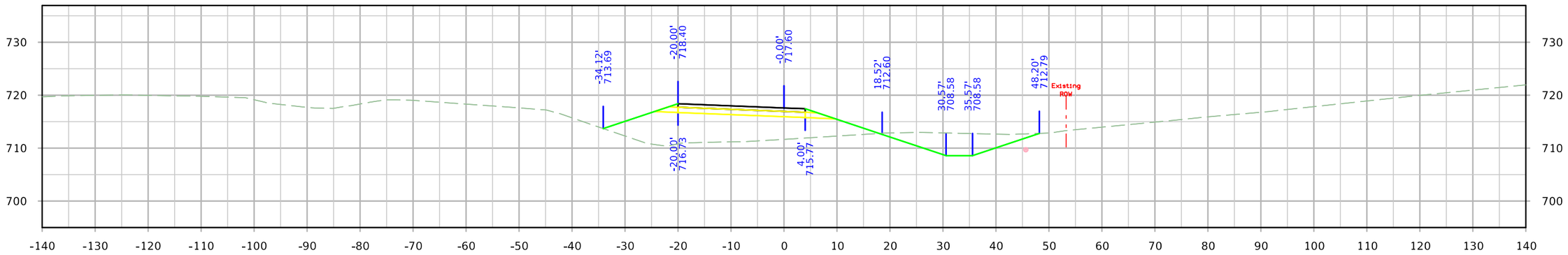
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.65	

1:05:03 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

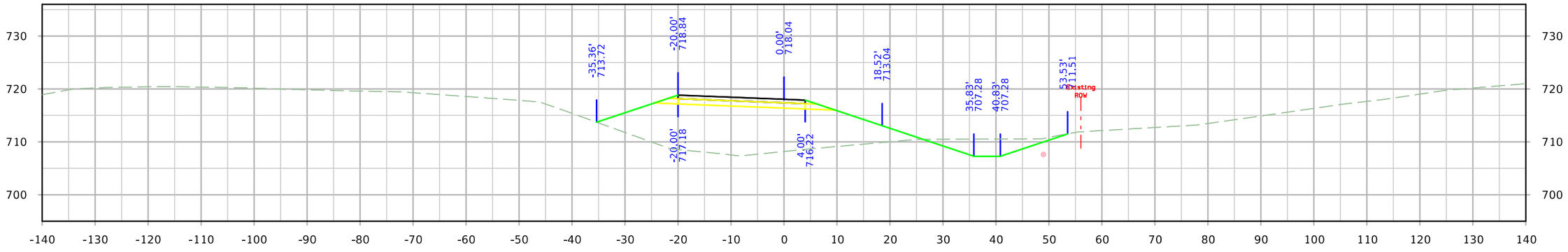
DETB1



STA. 21208+50.00



STA. 21208+00.00

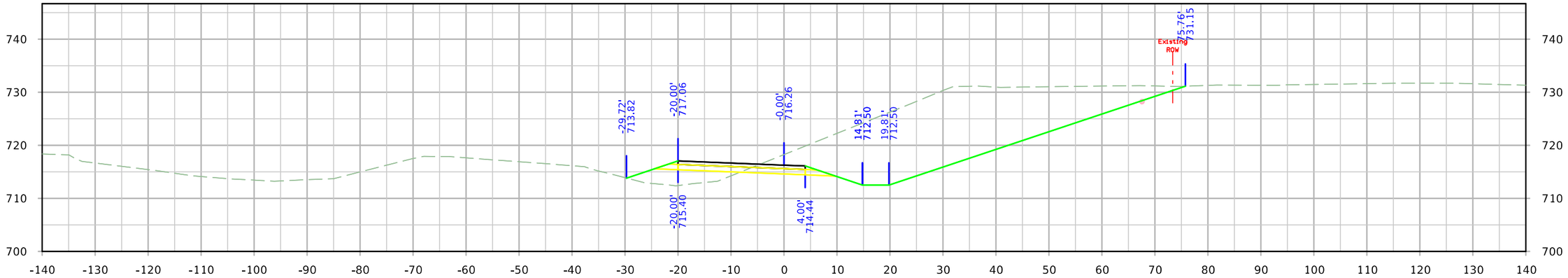


STA. 21207+50.00

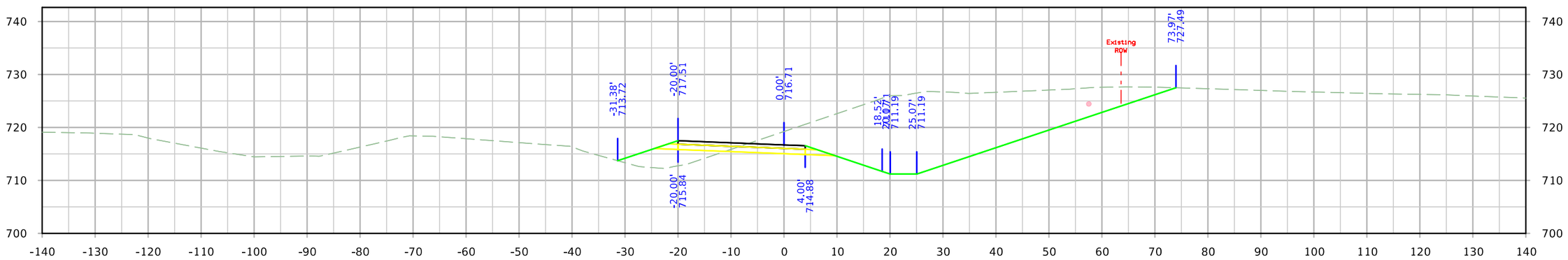
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.66	

1:05:04 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETB1



STA. 21209+50.00

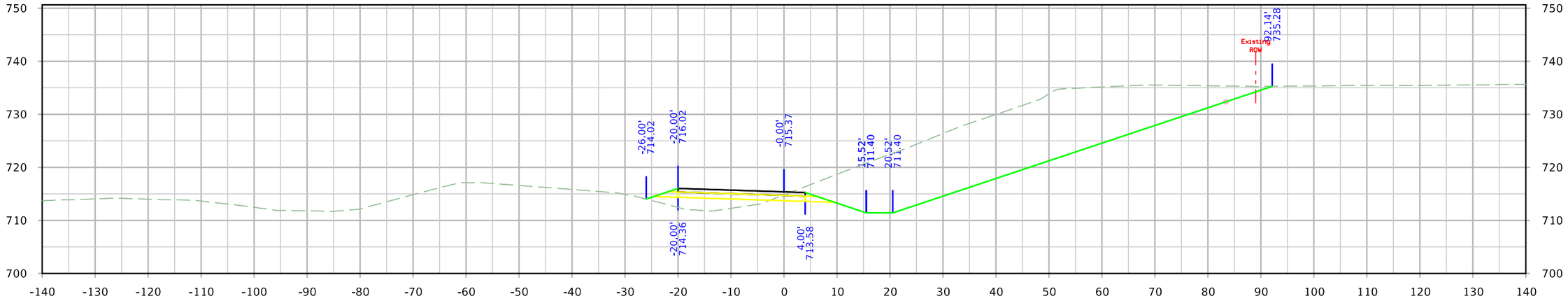


STA. 21209+00.00

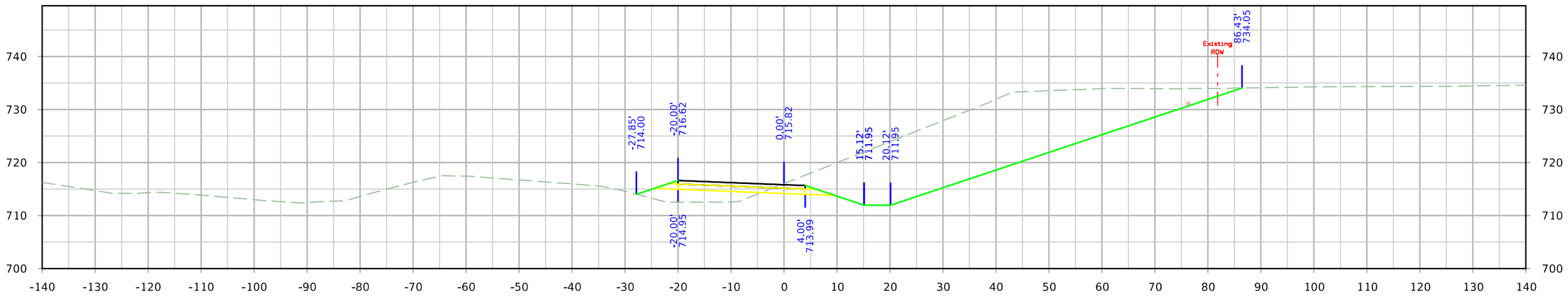
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.67	

1:05:04 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETB1



STA. 21210+50.00

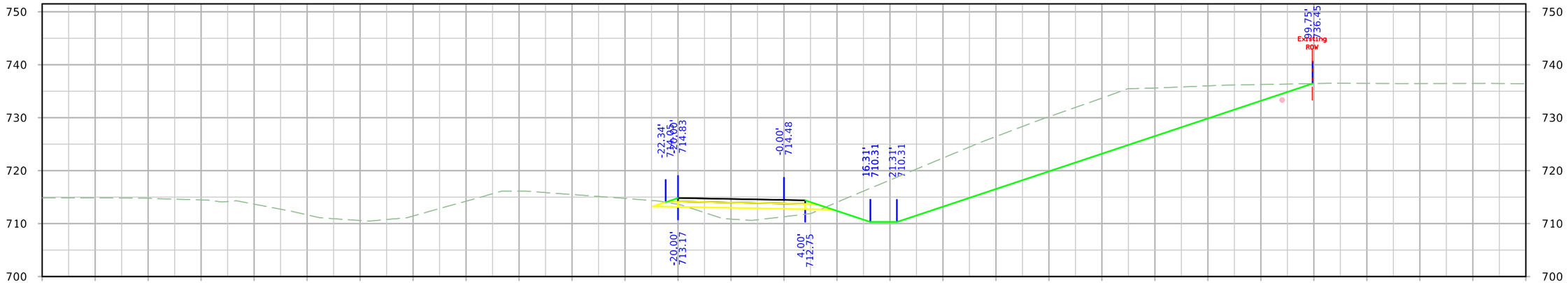


STA. 21210+00.00

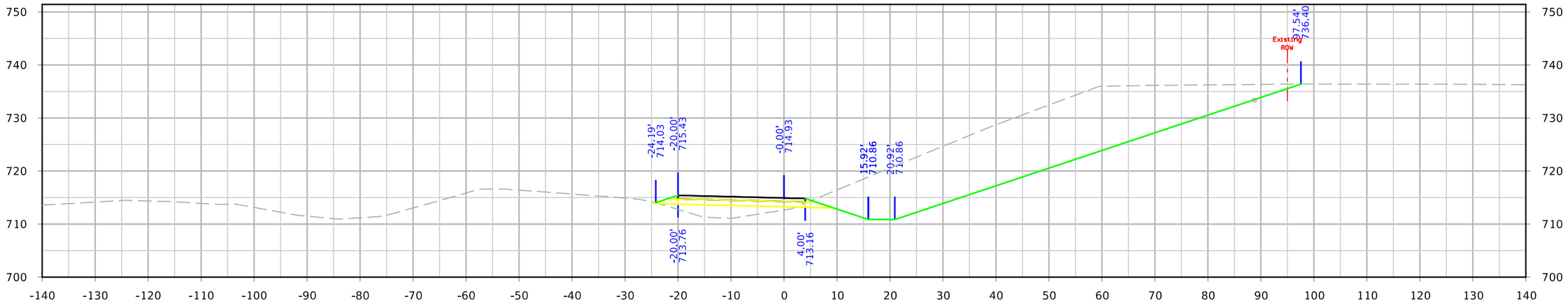
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.68

1:05:05 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETB1



STA. 21211+50.00

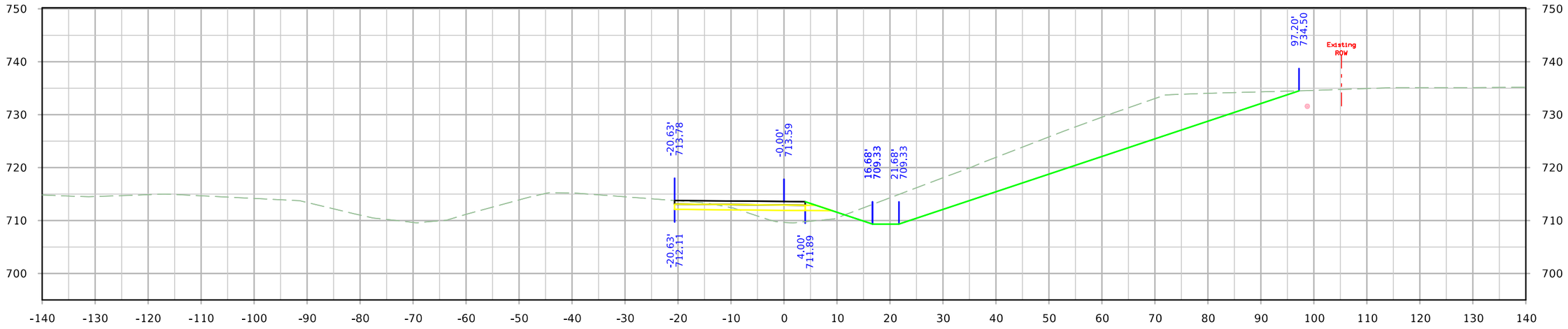


STA. 21211+00.00

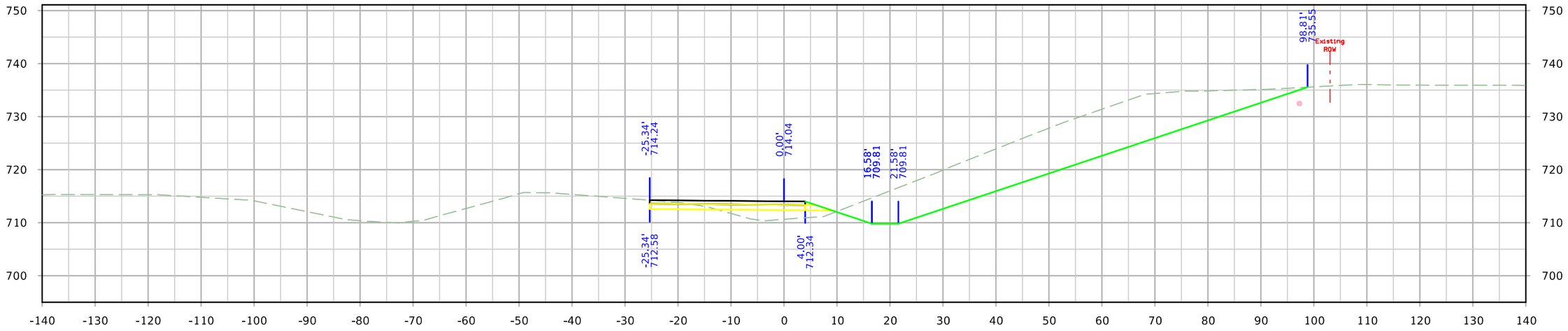
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.69	

1:05:06 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETB1



STA. 21212+50.00

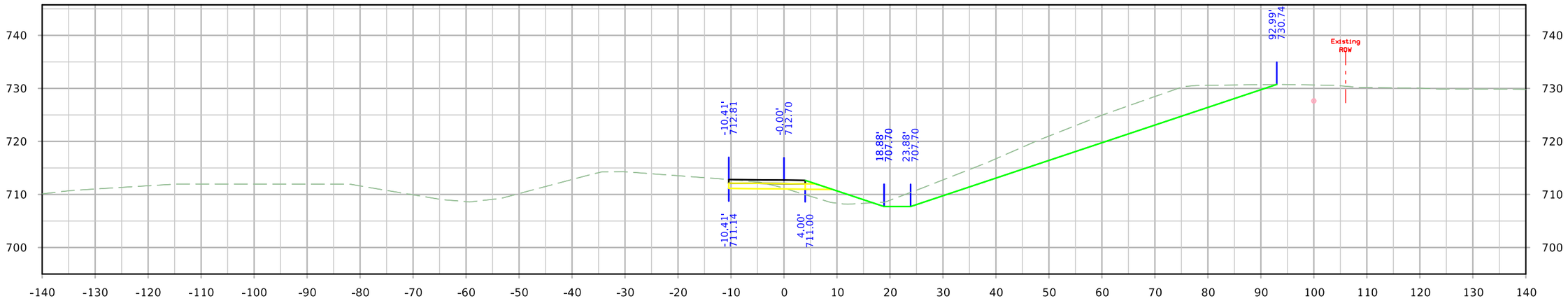


STA. 21212+00.00

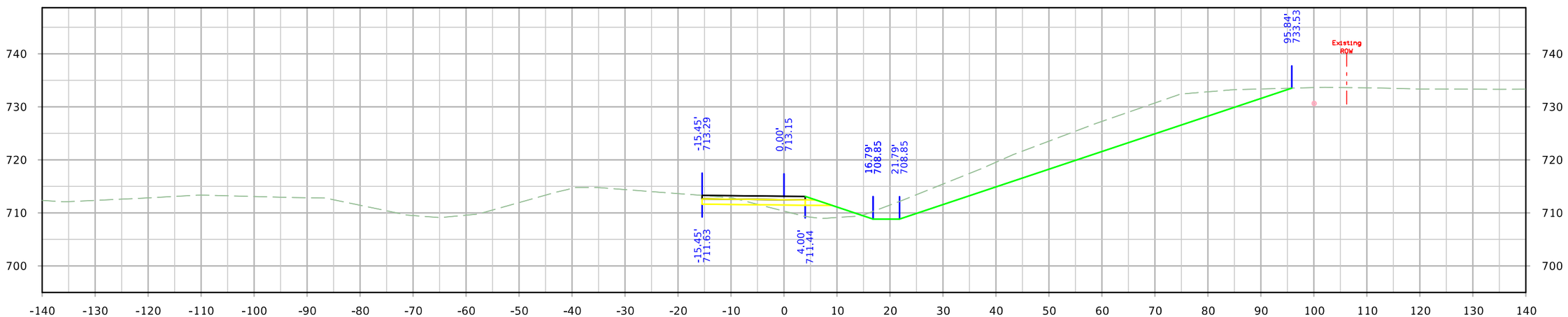
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.70

1:05:06 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETB1



STA. 21213+50.00

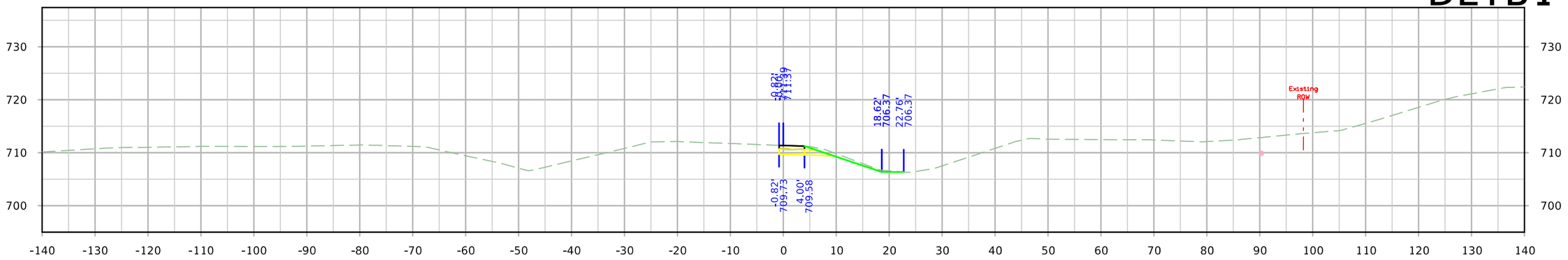


STA. 21213+00.00

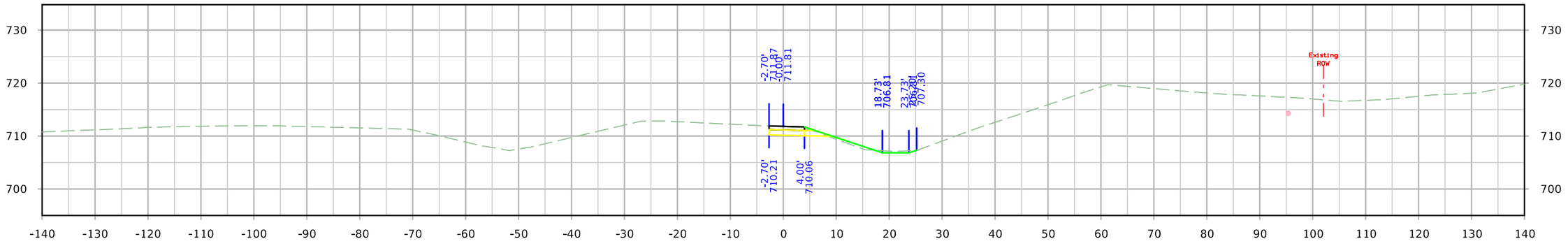
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.71

1:05:07 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

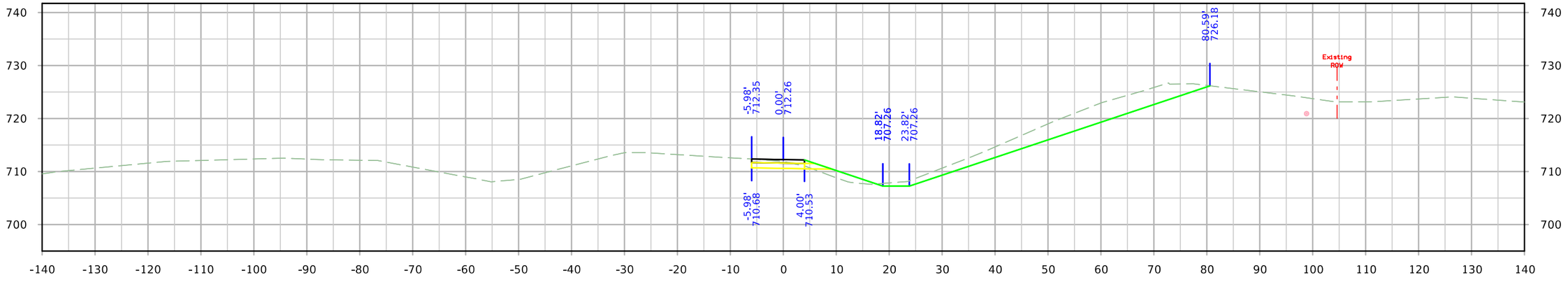
DETB1



STA. 21215+00.00



STA. 21214+50.00

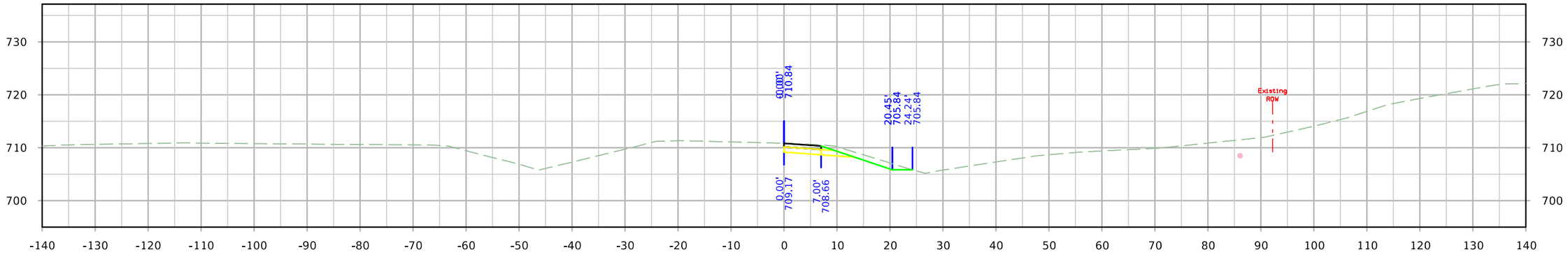


STA. 21214+00.00

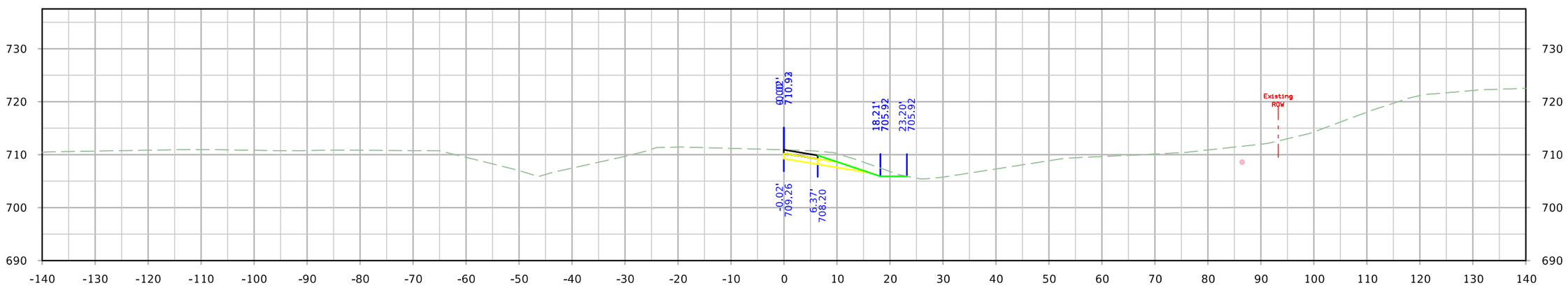
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.72	

1:05:07 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETB1



STA. 21215+59.24

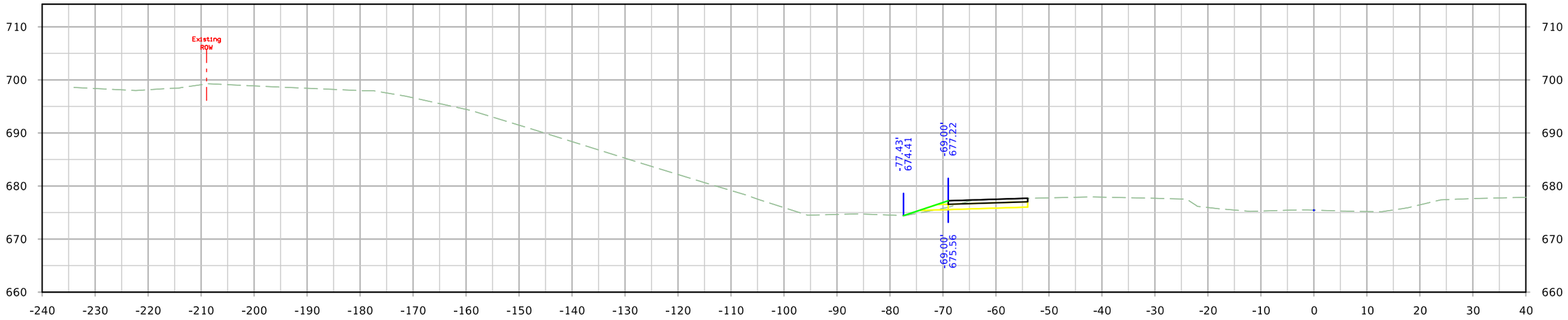


STA. 21215+50.00

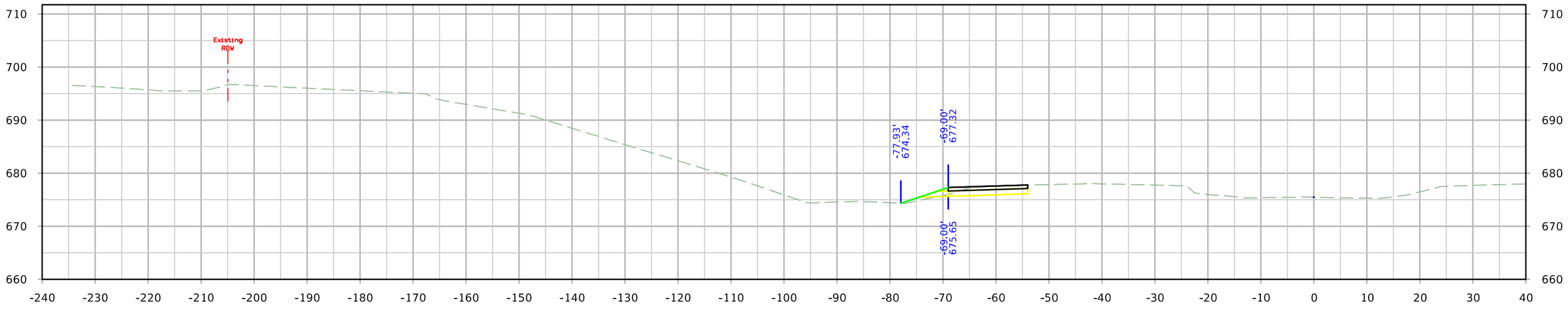
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.73

1:05:08 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y59_DETB1.dgn

DETA2



STA. 1258+25.00

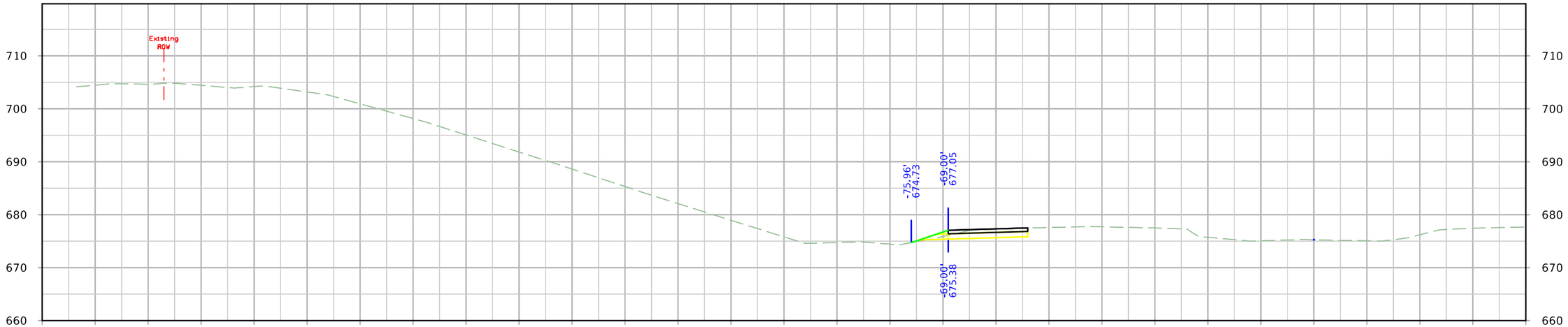


STA. 1258+00.00

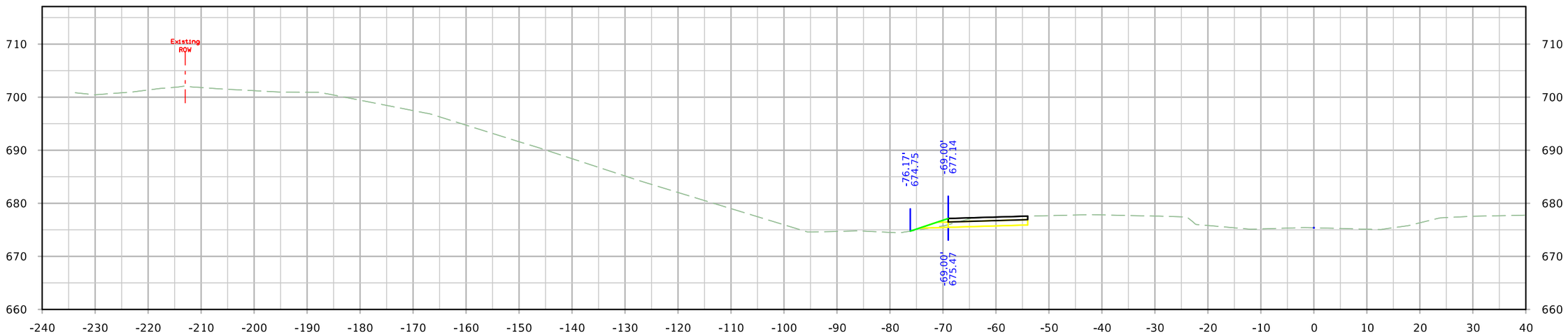
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.74

4:02:53 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1258+75.00

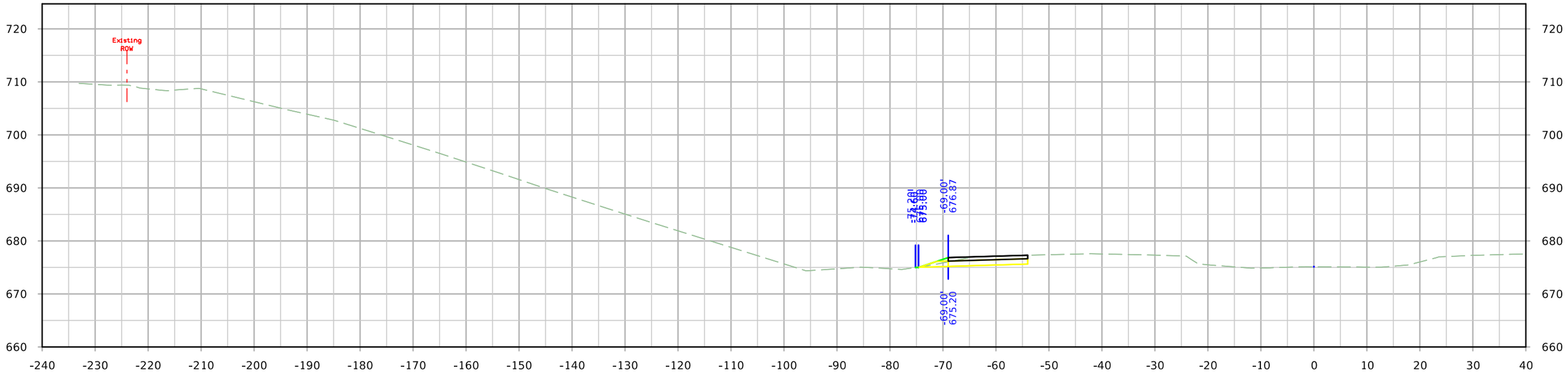


STA. 1258+50.00

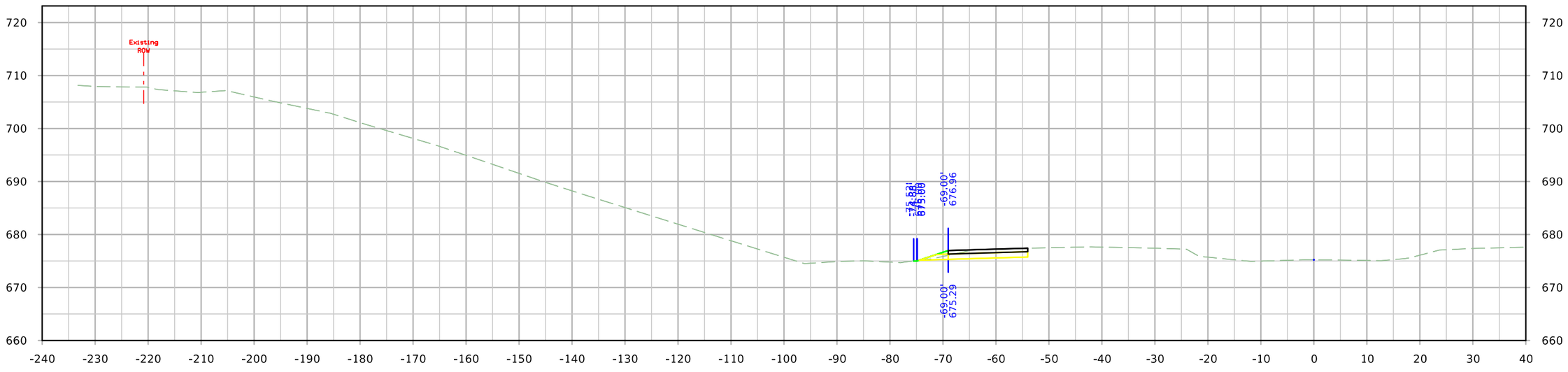
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.75

4:02:53 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1259+25.00

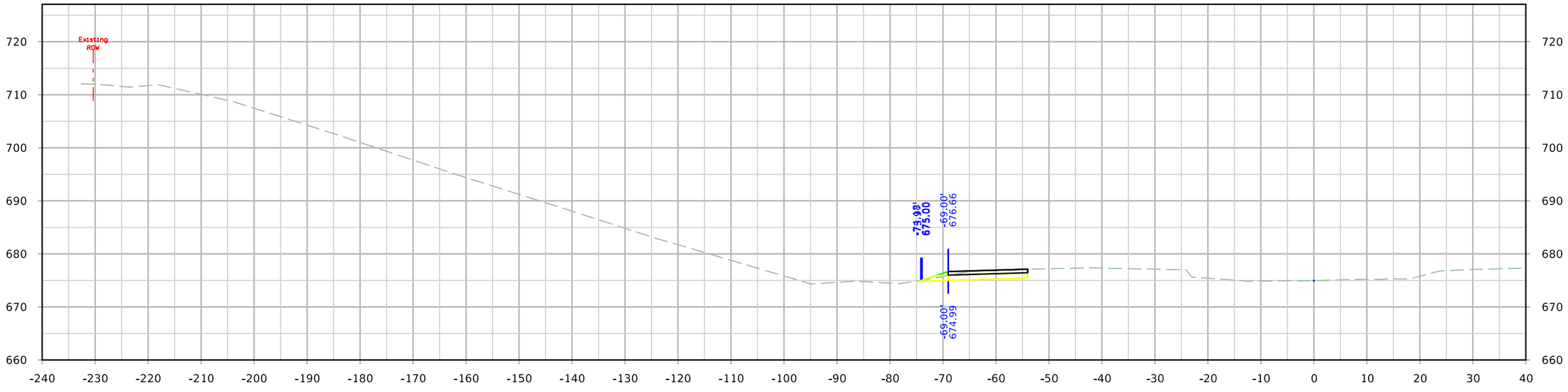


STA. 1259+00.00

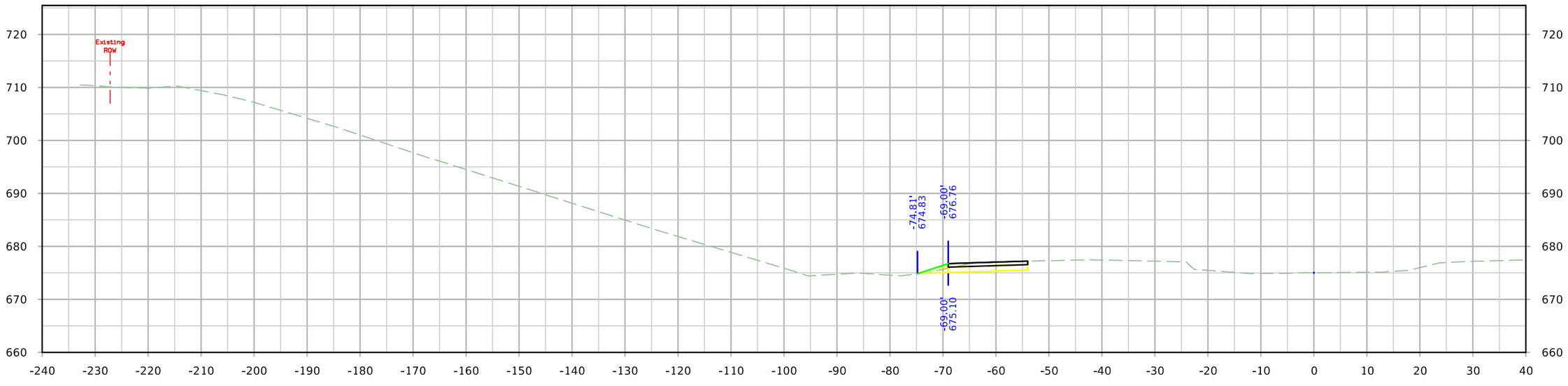
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.76

4:02:54 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1259+75.00

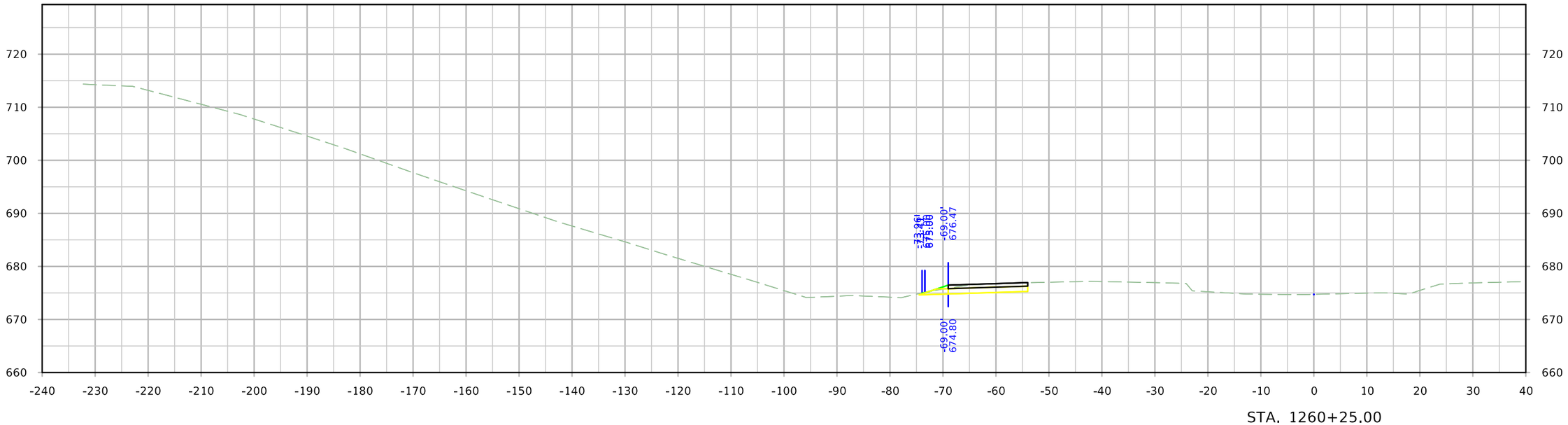


STA. 1259+50.00

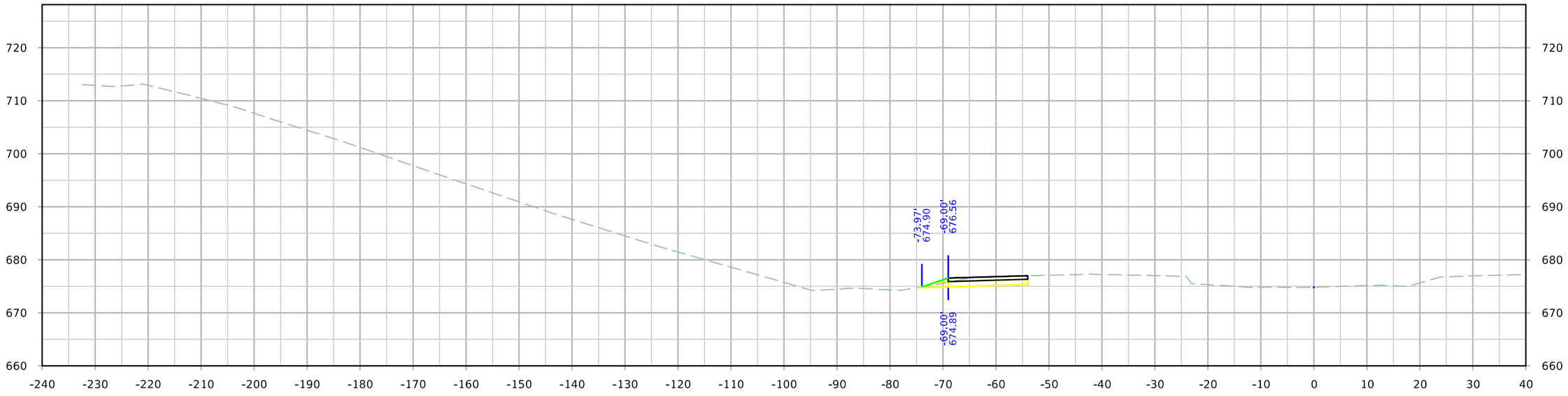
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.77	

4:02:54 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1260+25.00

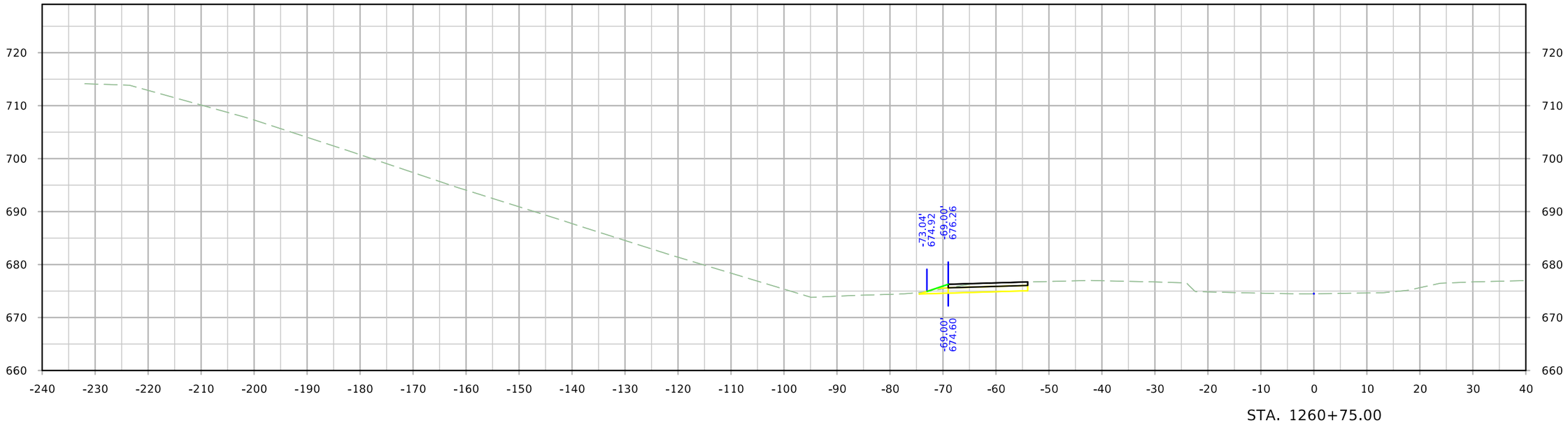


STA. 1260+00.00

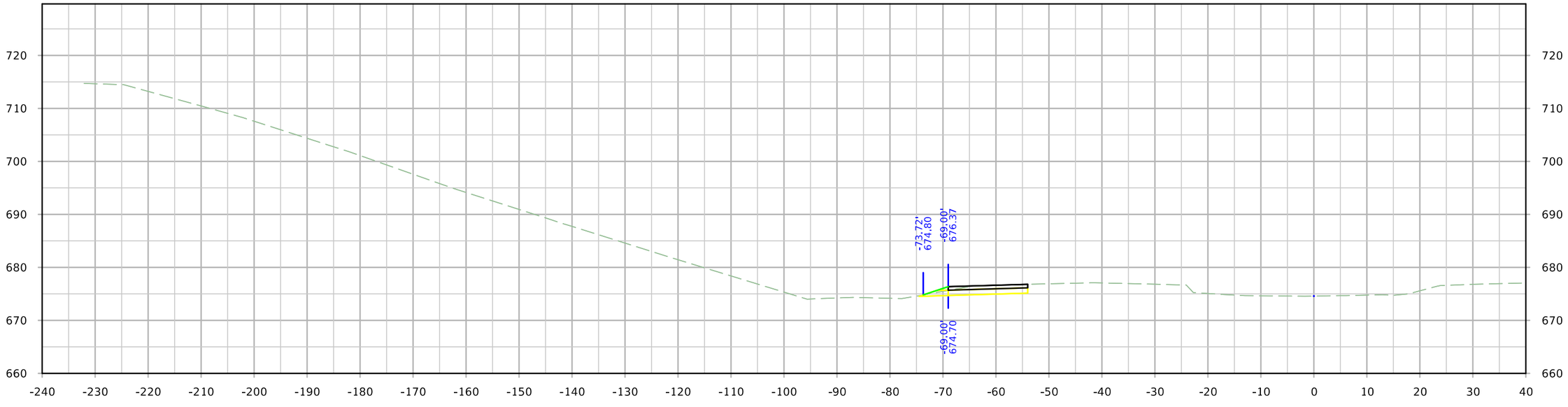
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.78

4:02:55 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1260+75.00

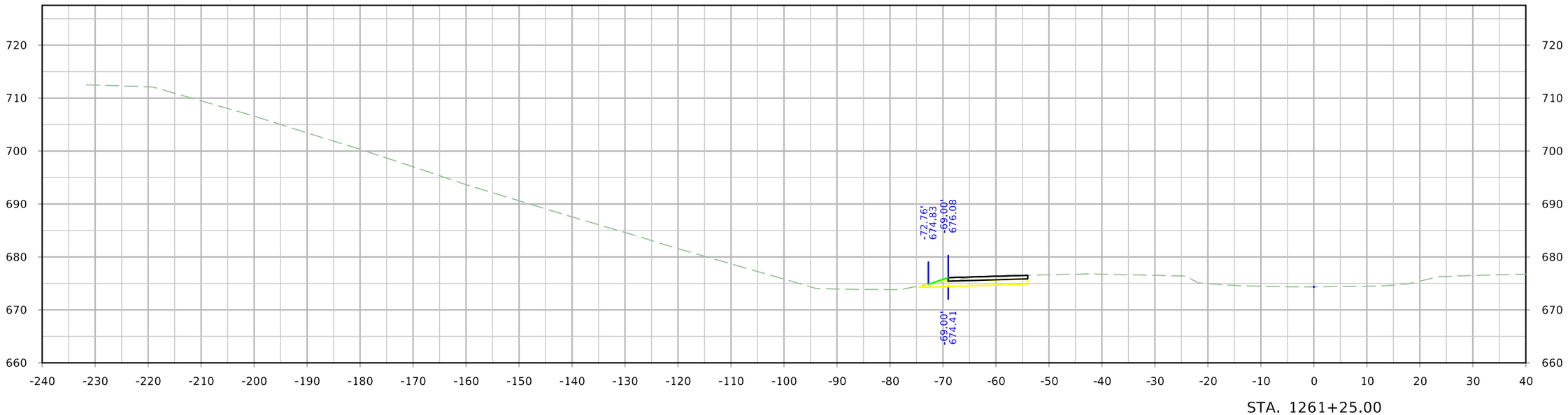


STA. 1260+50.00

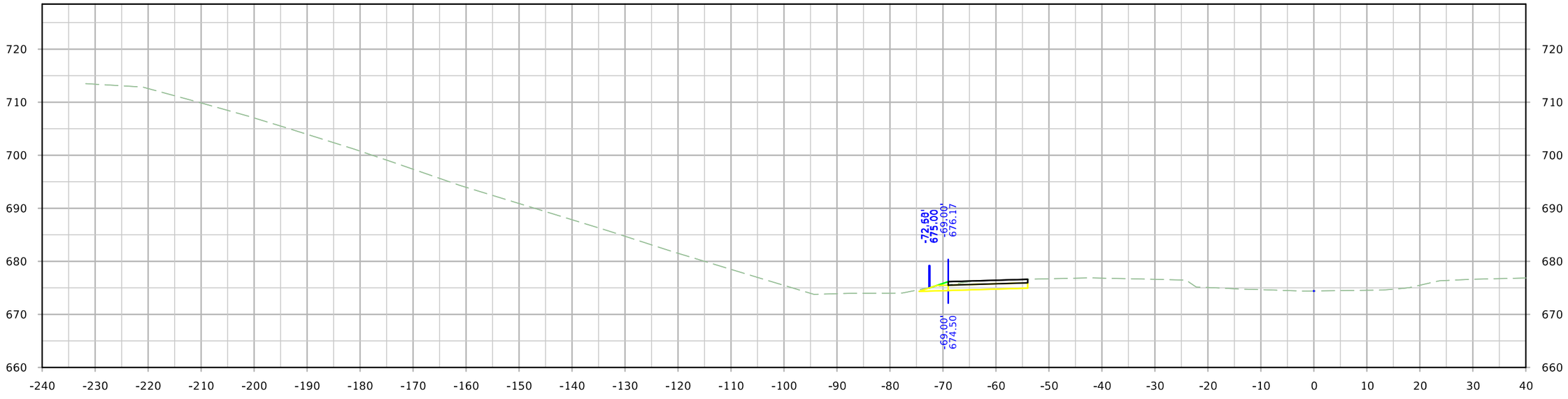
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.79	

4:02:55 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1261+25.00

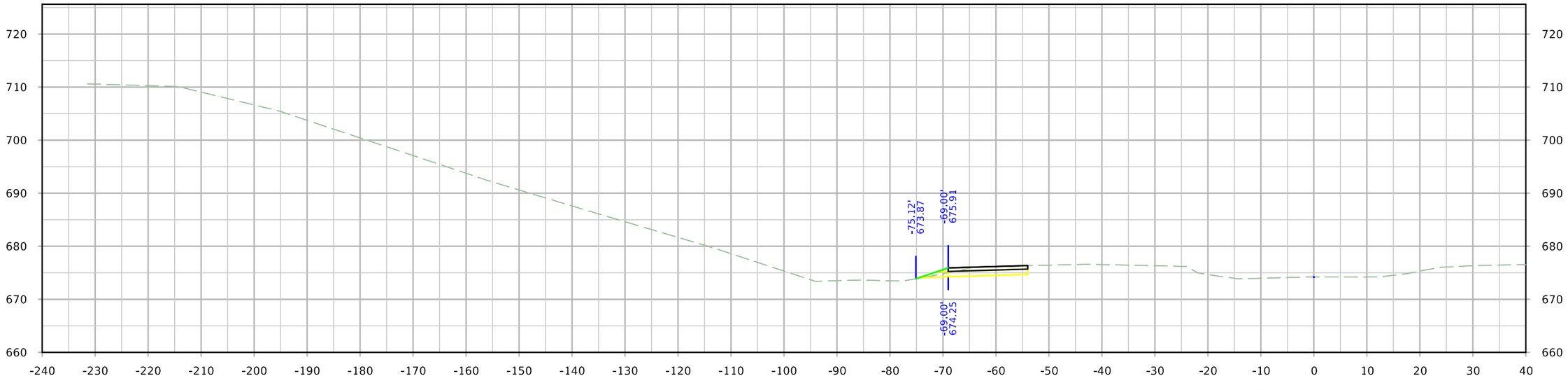


STA. 1261+00.00

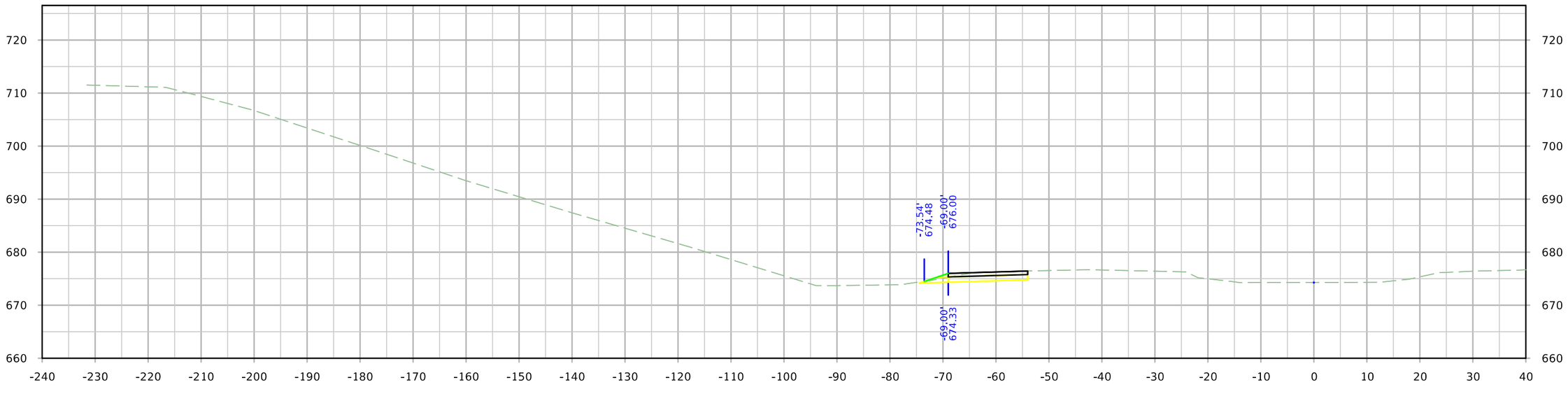
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.80

4:02:56 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1261+75.00

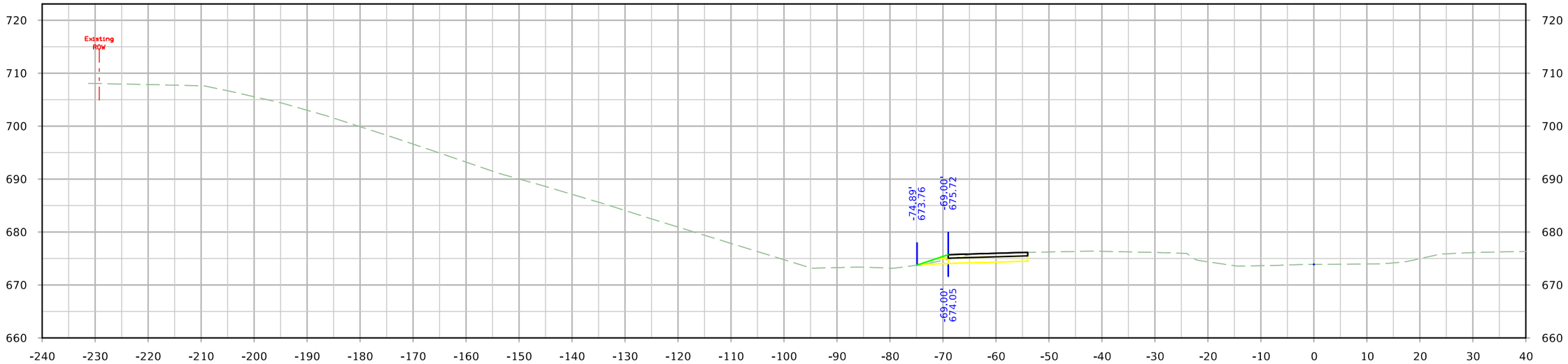


STA. 1261+50.00

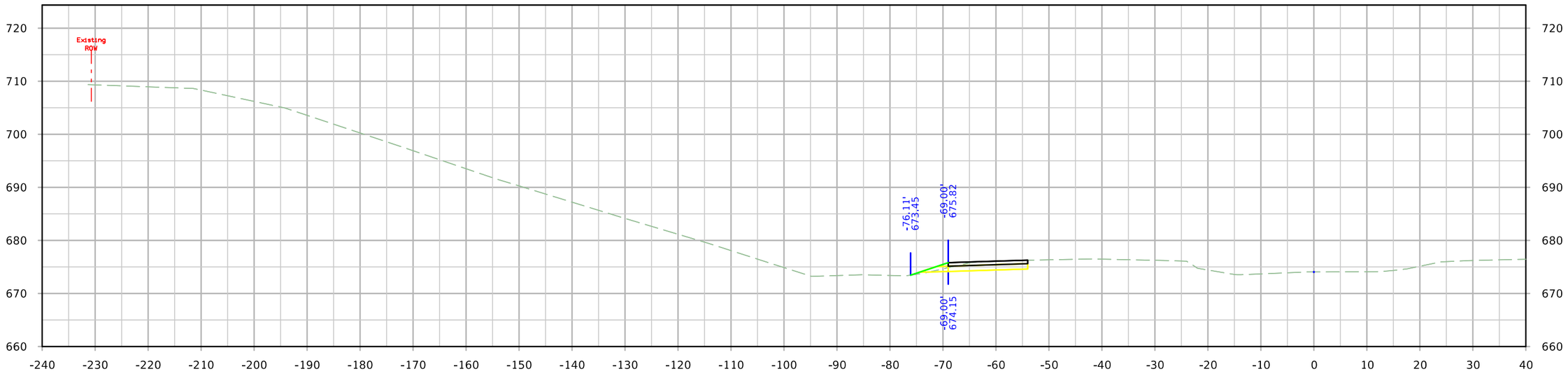
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.81

4:02:57 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1262+25.00

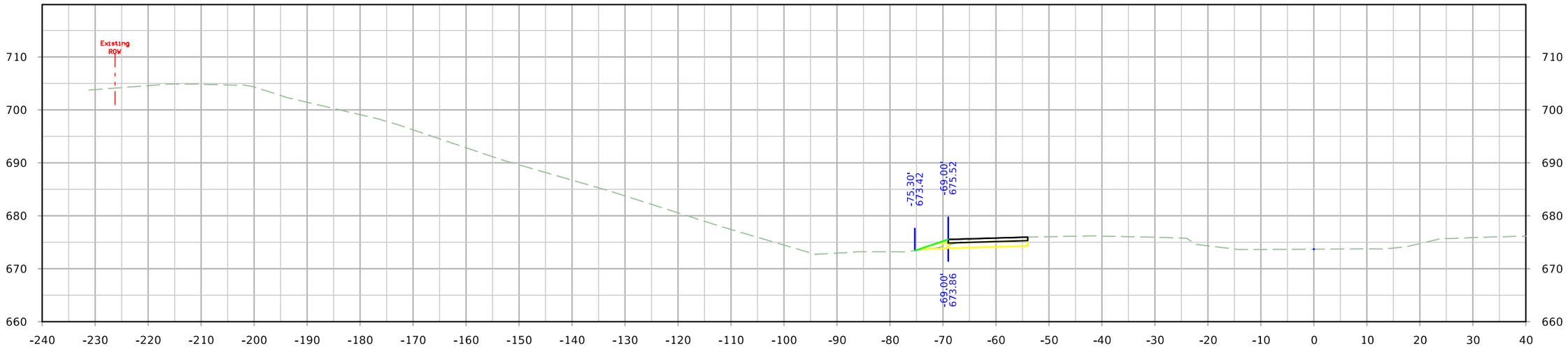


STA. 1262+00.00

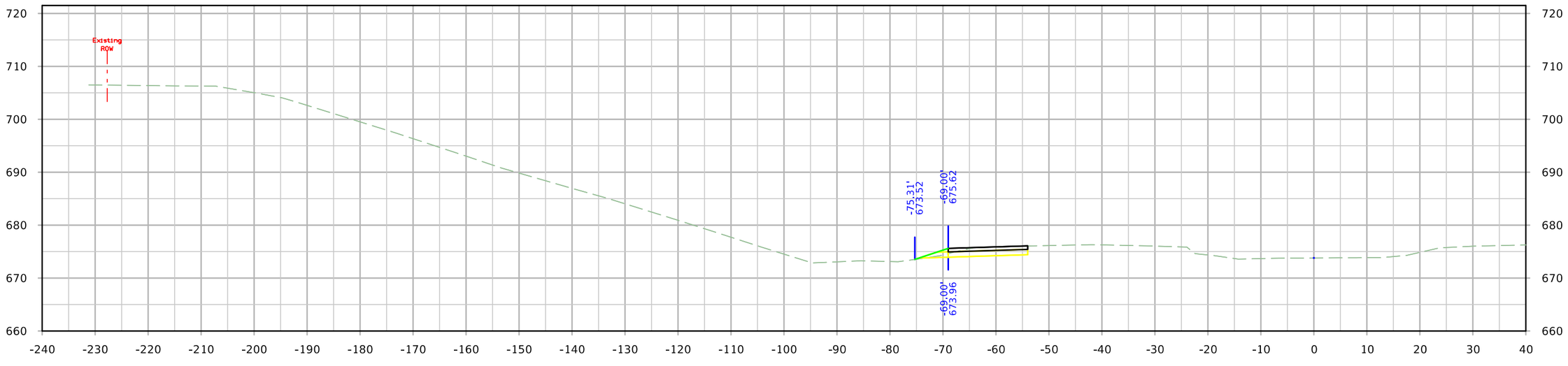
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.82

4:02:57 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1262+75.00

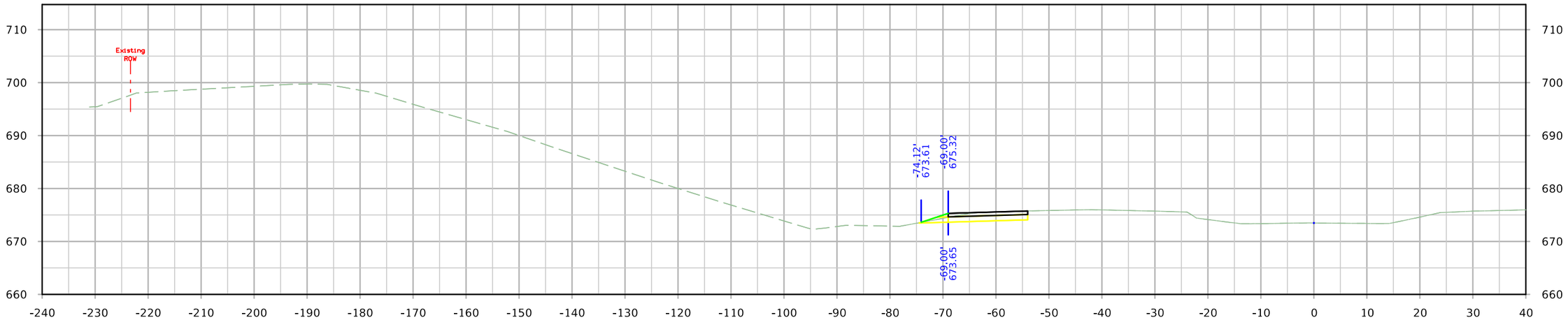


STA. 1262+50.00

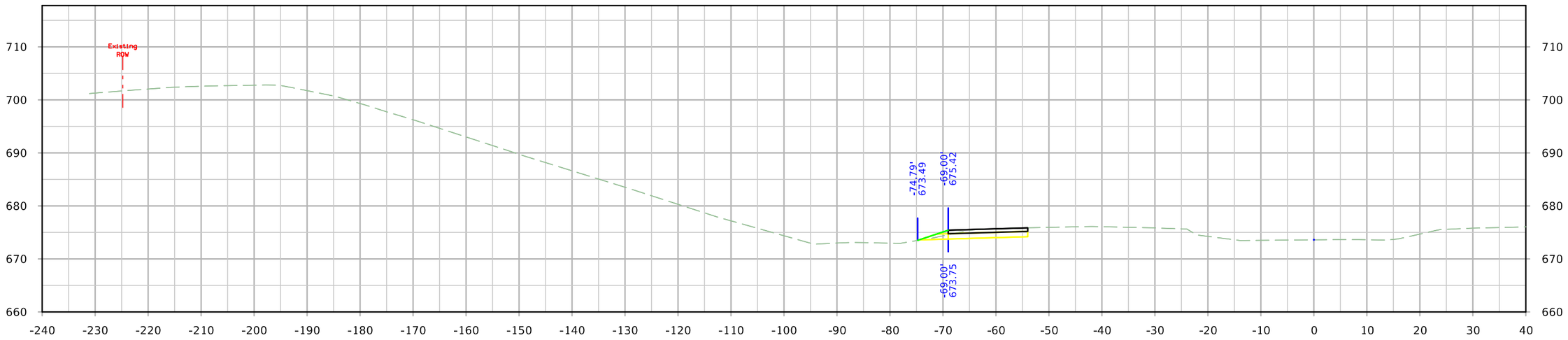
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.83

4:02:58 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1263+25.00

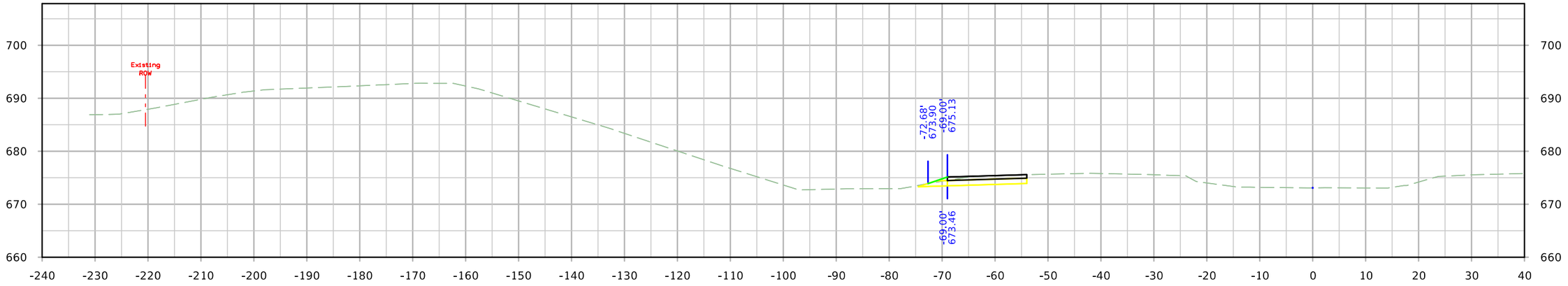


STA. 1263+00.00

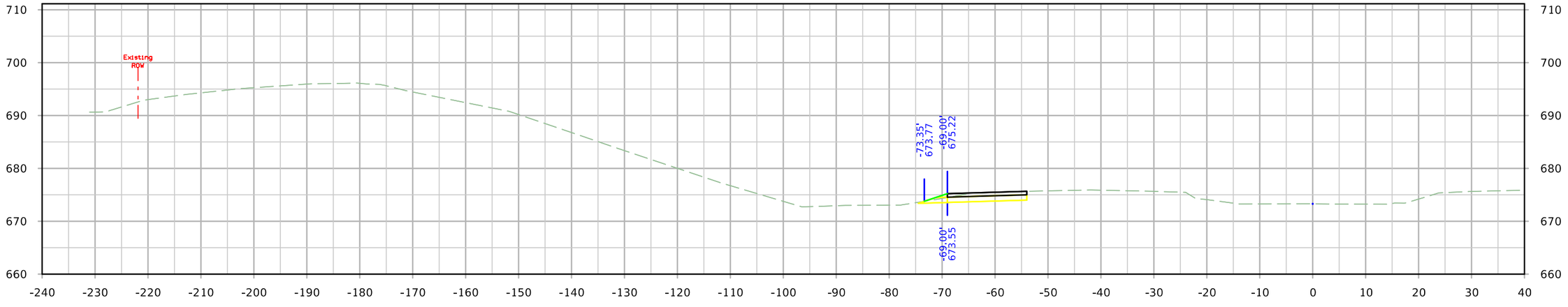
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.84

4:02:58 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1263+75.00

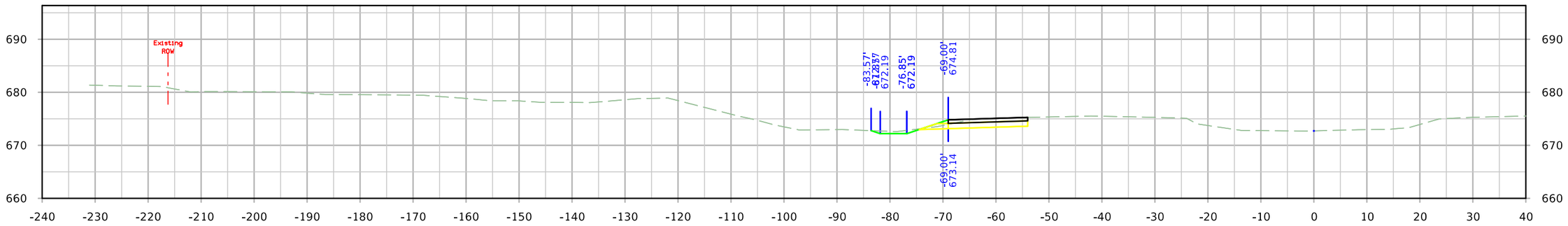


STA. 1263+50.00

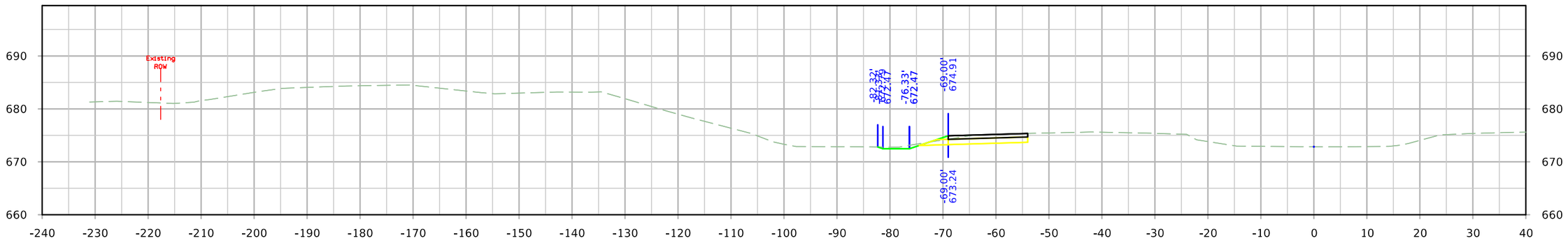
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.85

4:02:59 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

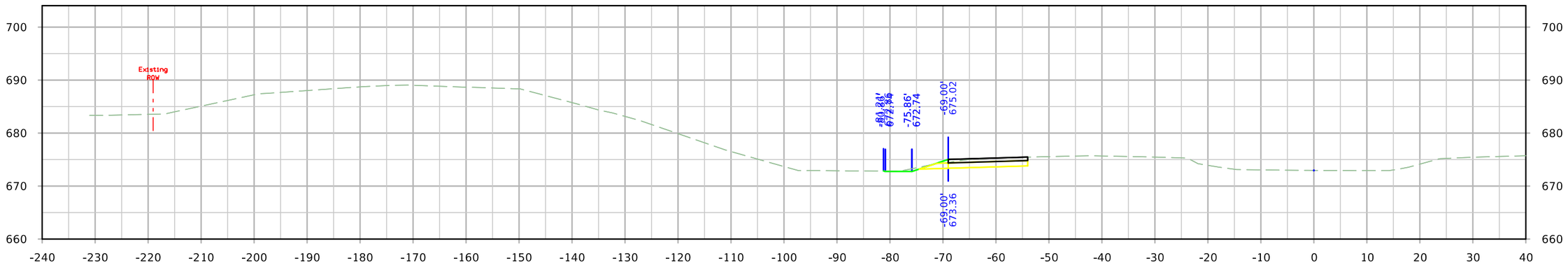
DETA2



STA. 1264+50.00



STA. 1264+25.00

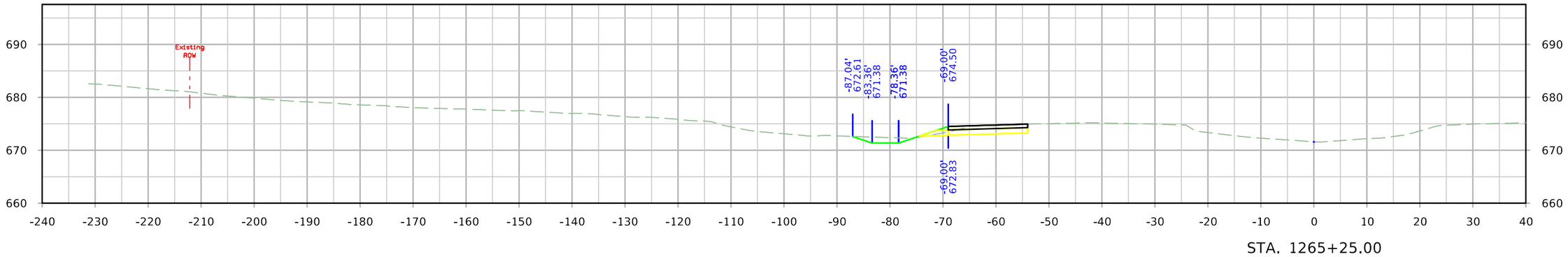


STA. 1264+00.00

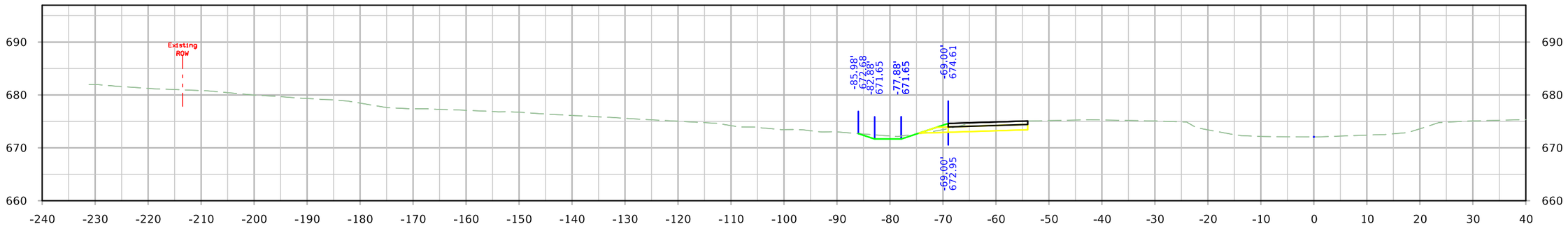
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.86

4:03:00 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

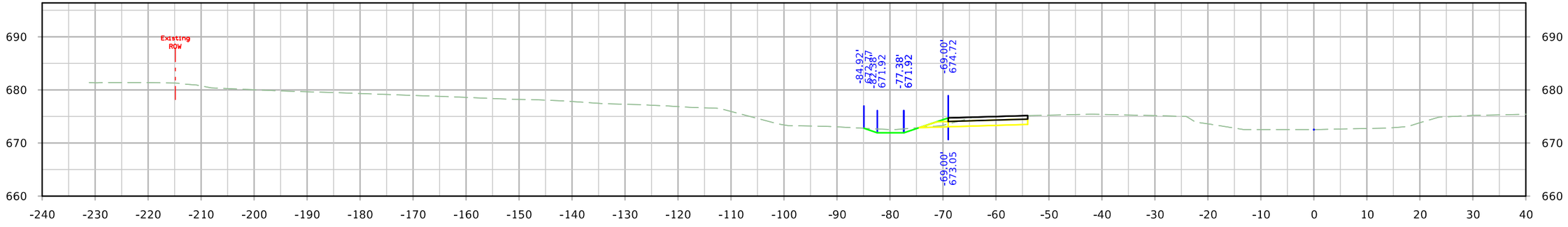
DETA2



STA. 1265+25.00



STA. 1265+00.00

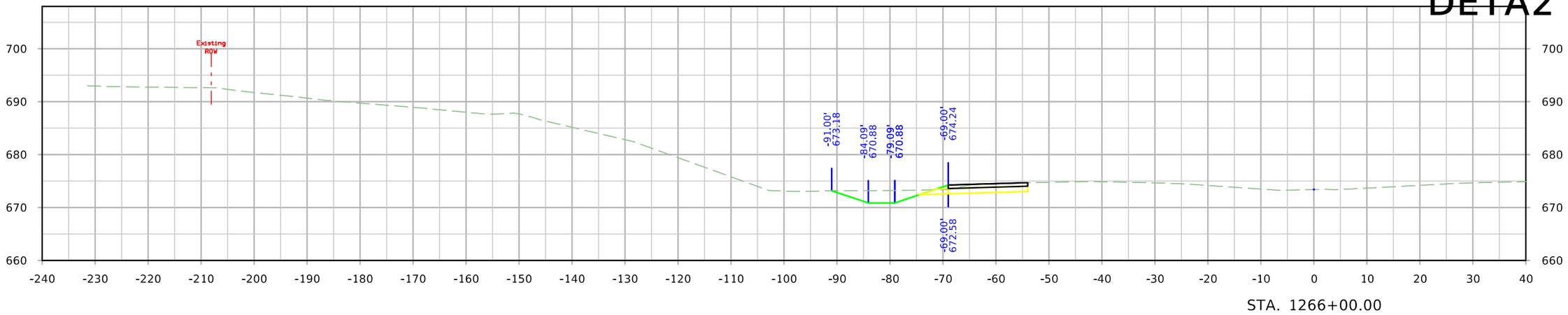


STA. 1264+75.00

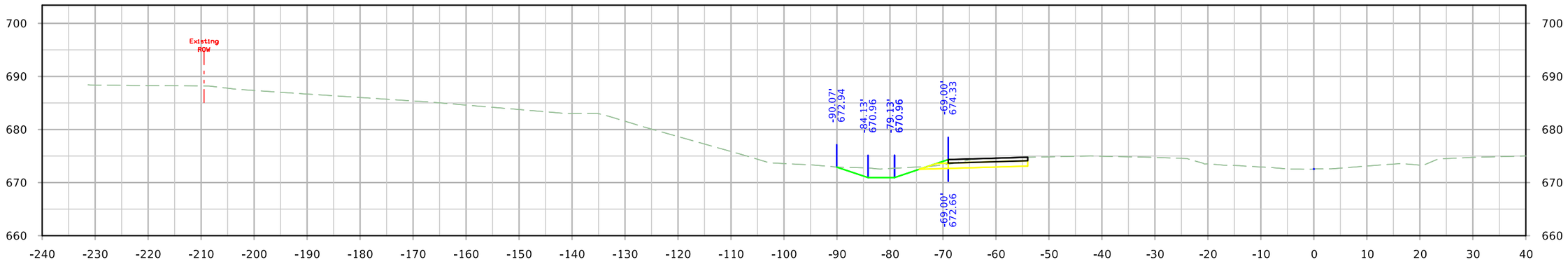
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.87

4:03:00 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

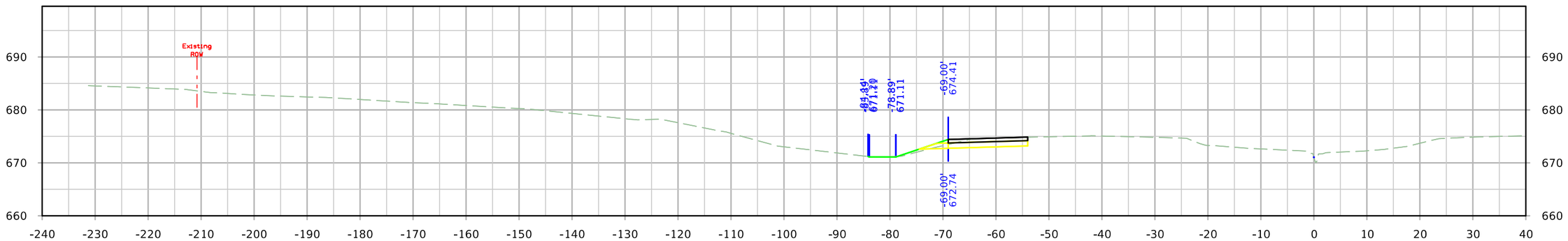
DETA2



STA. 1266+00.00



STA. 1265+75.00

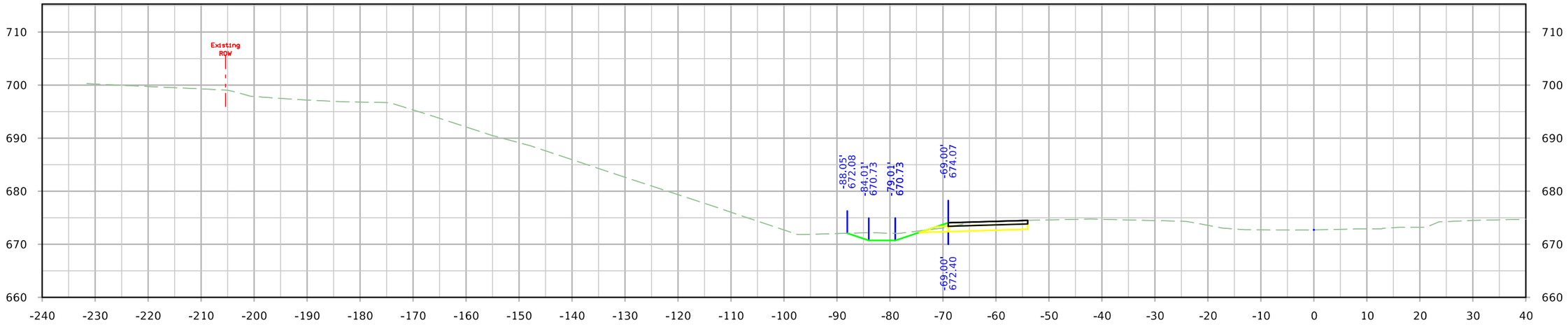


STA. 1265+50.00

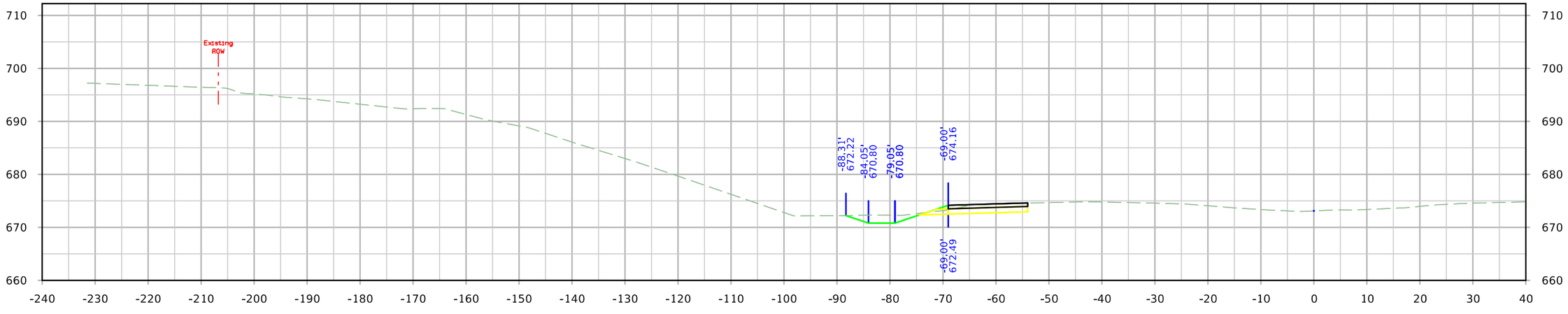
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.88

4:03:01 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1266+50.00

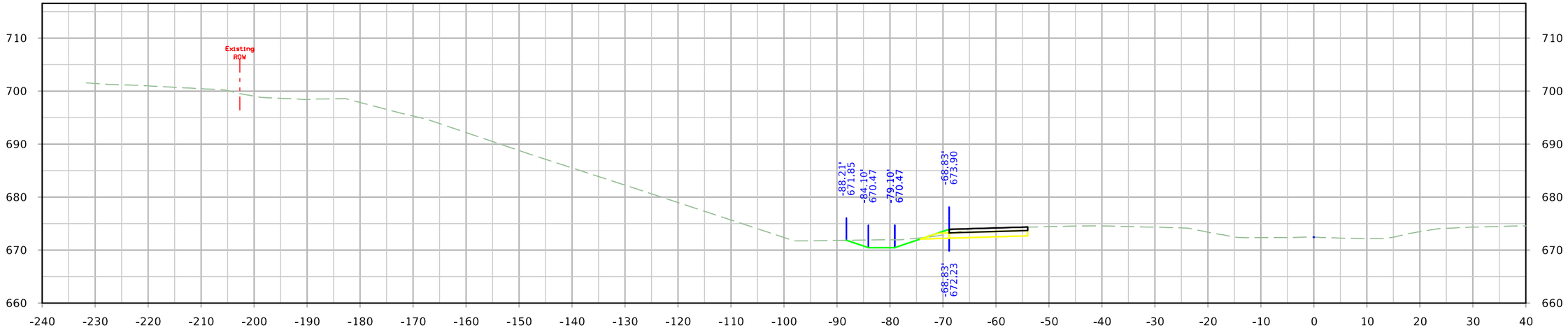


STA. 1266+25.00

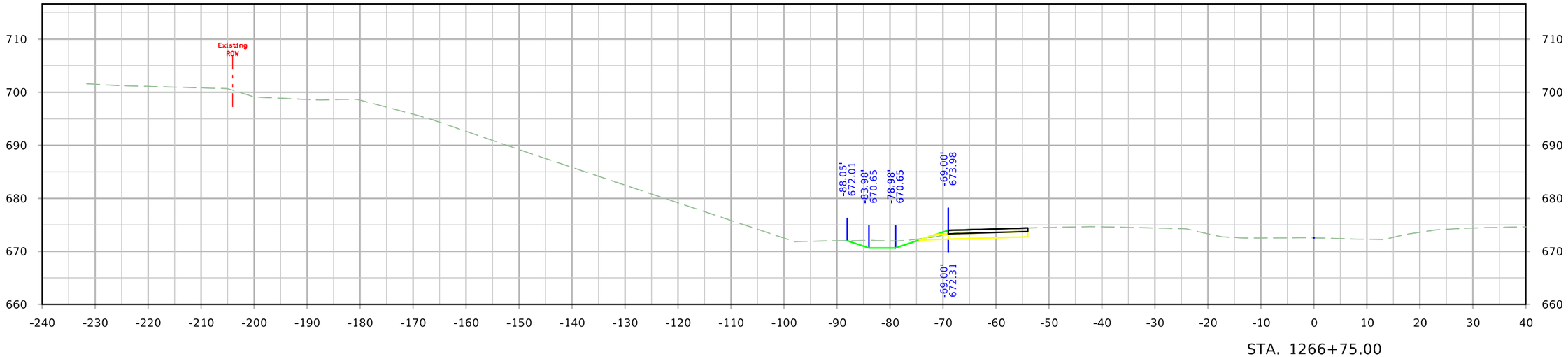
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.89

4:03:02 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1267+00.00

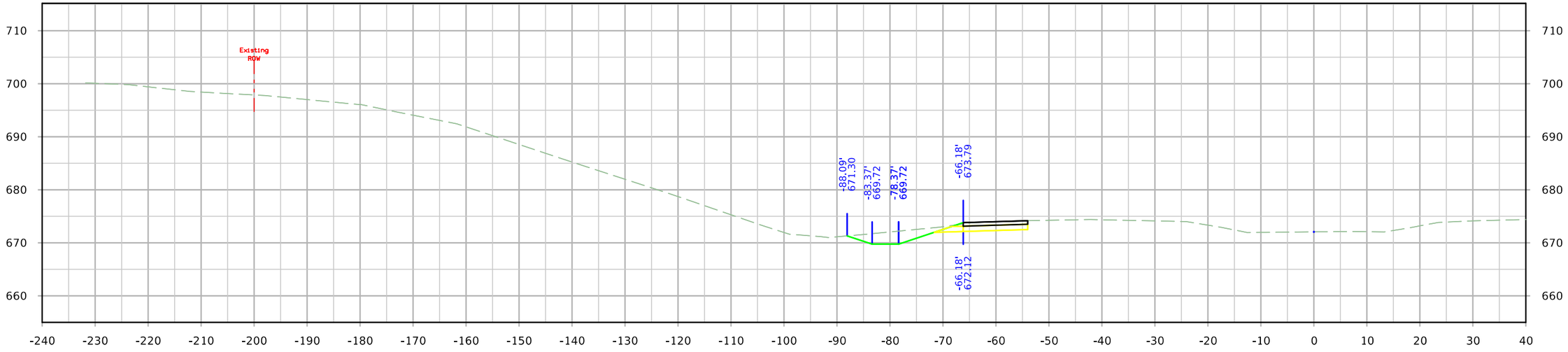


STA. 1266+75.00

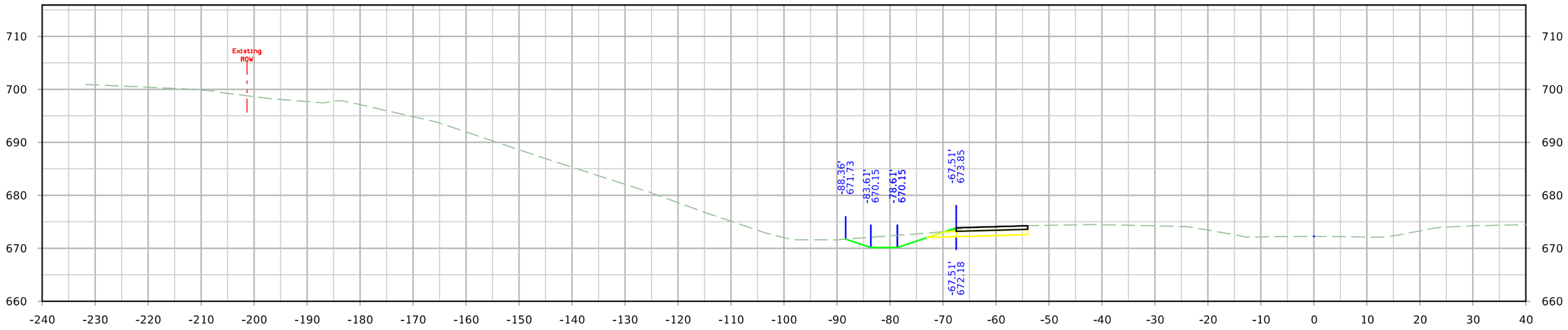
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.90

4:03:02 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1267+50.00

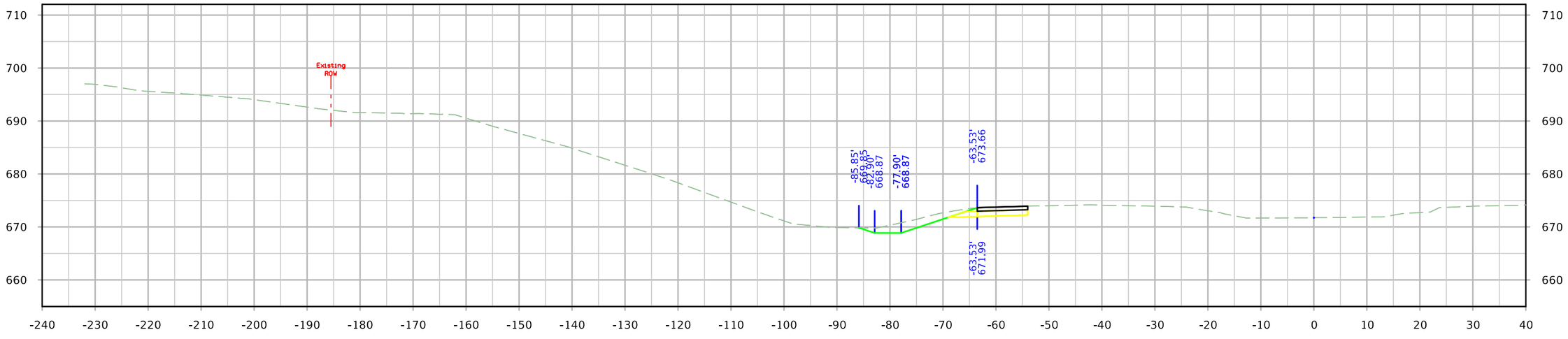


STA. 1267+25.00

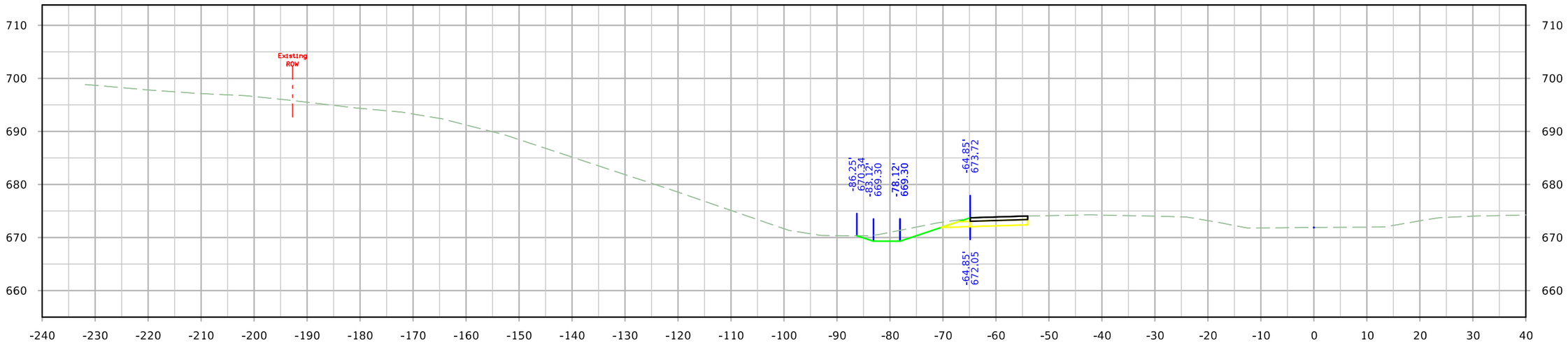
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.91

4:03:03 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1268+00.00

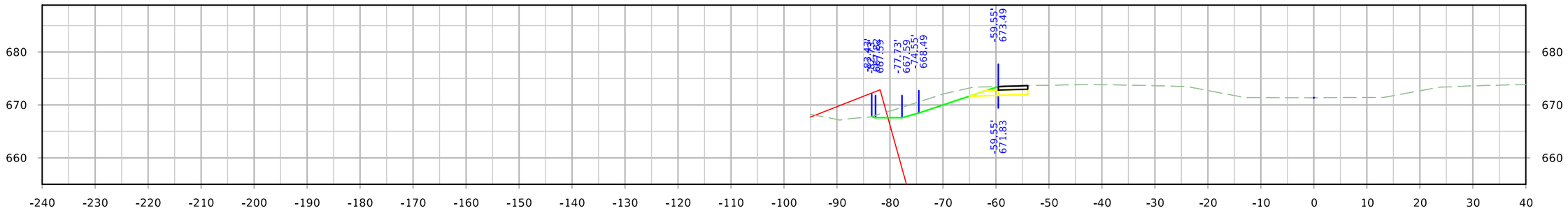


STA. 1267+75.00

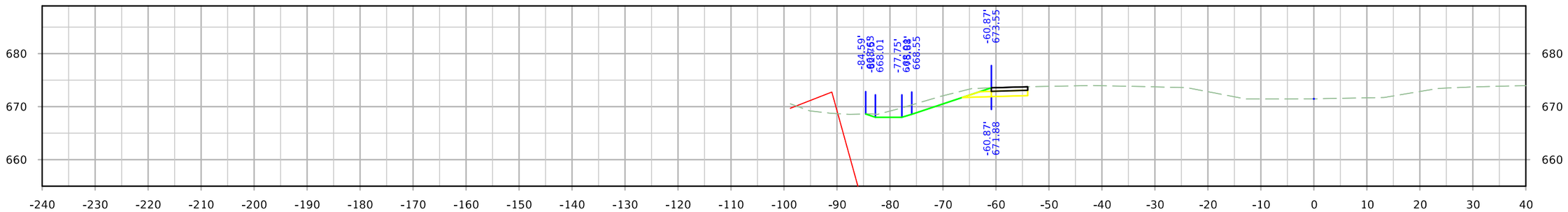
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.92

4:03:03 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

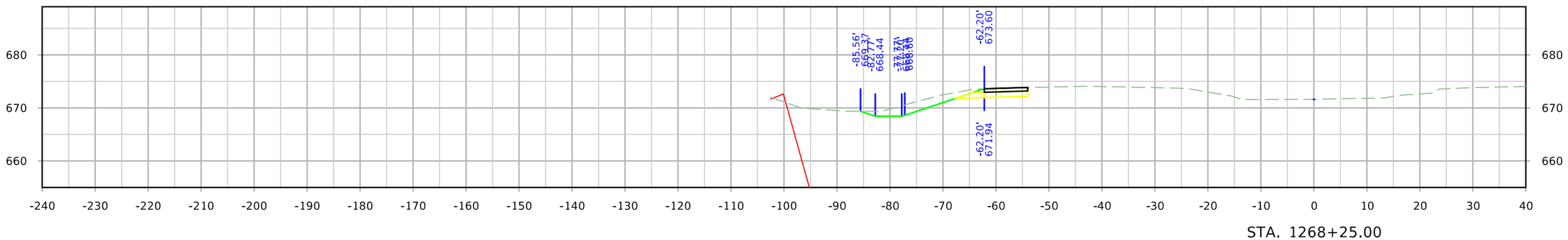
DETA2



STA. 1268+75.00



STA. 1268+50.00

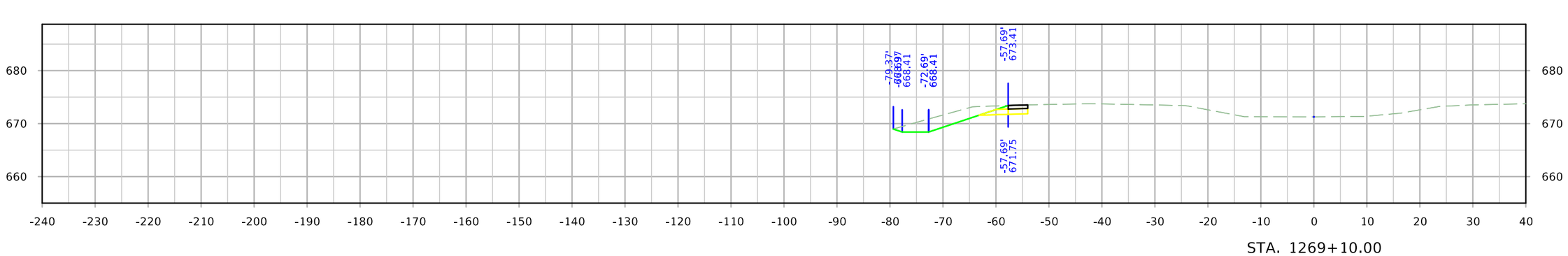


STA. 1268+25.00

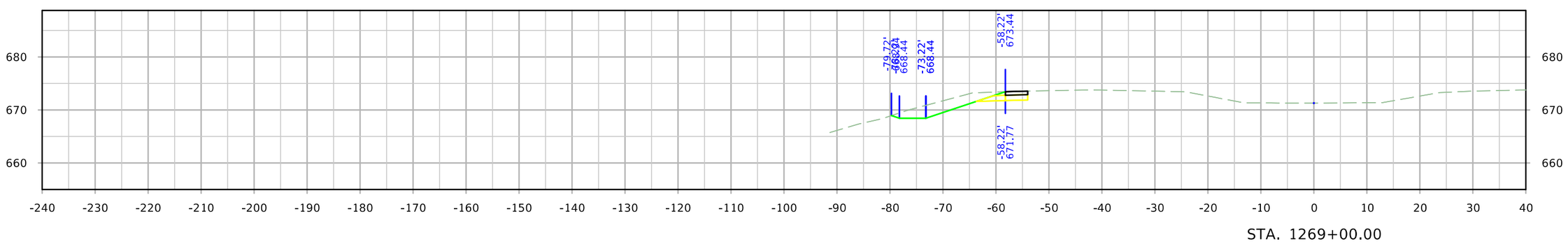
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.93	

4:03:04 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

DETA2



STA. 1269+10.00

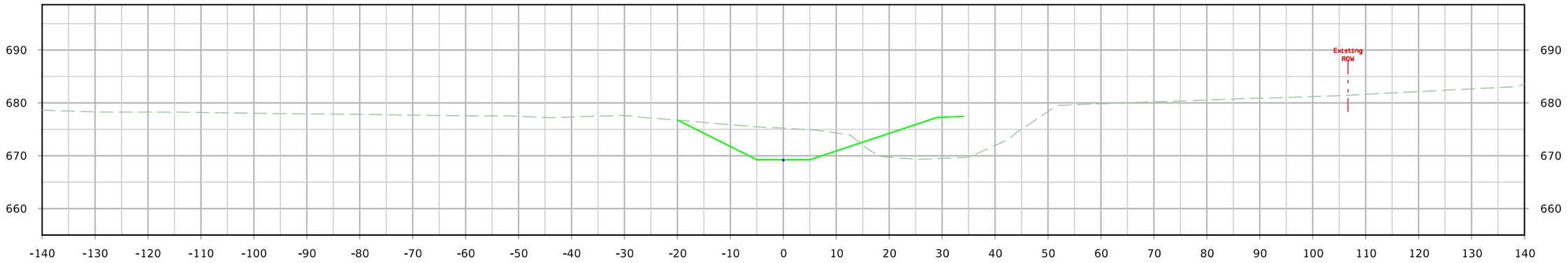


STA. 1269+00.00

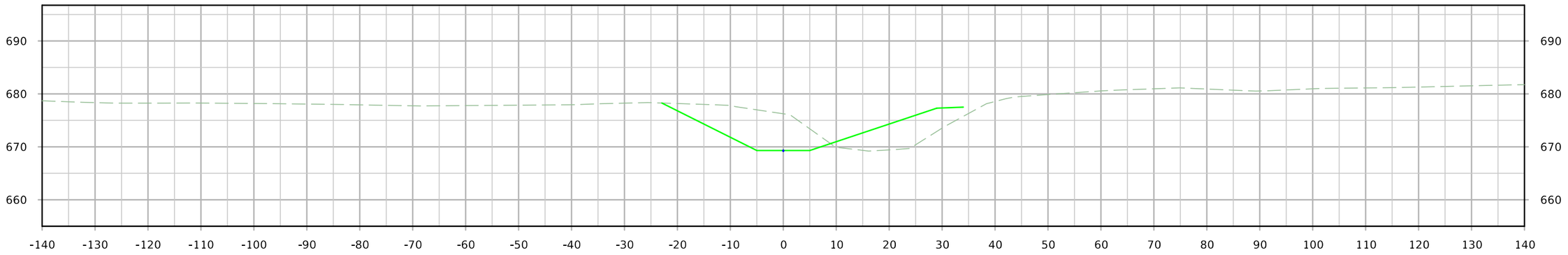
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.94

4:03:05 PM 4/28/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y74_DETA2.dgn

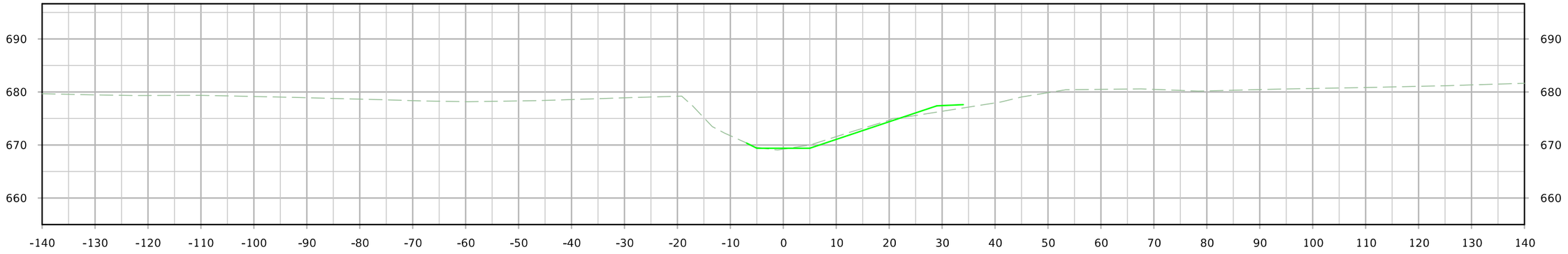
SpencerCrk



STA. 1+00.00



STA. 0+50.00

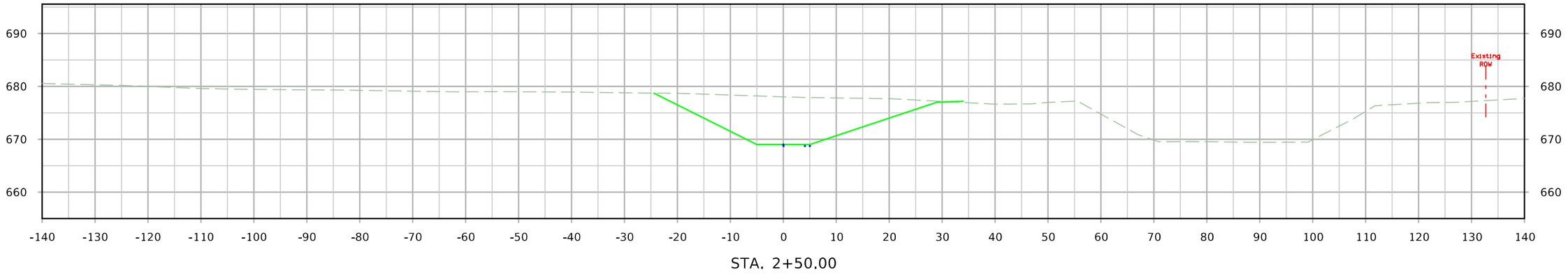


STA. 0+00.00

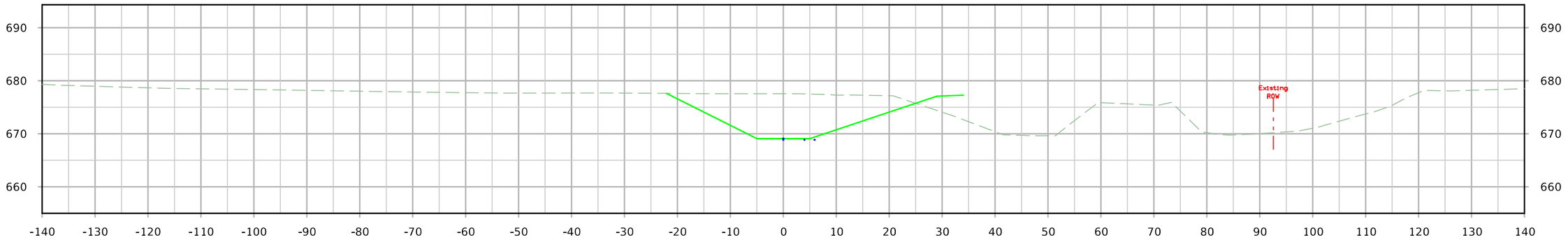
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.95	

2:49:57 PM 5/1/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y95_SpencerCrk.dgn

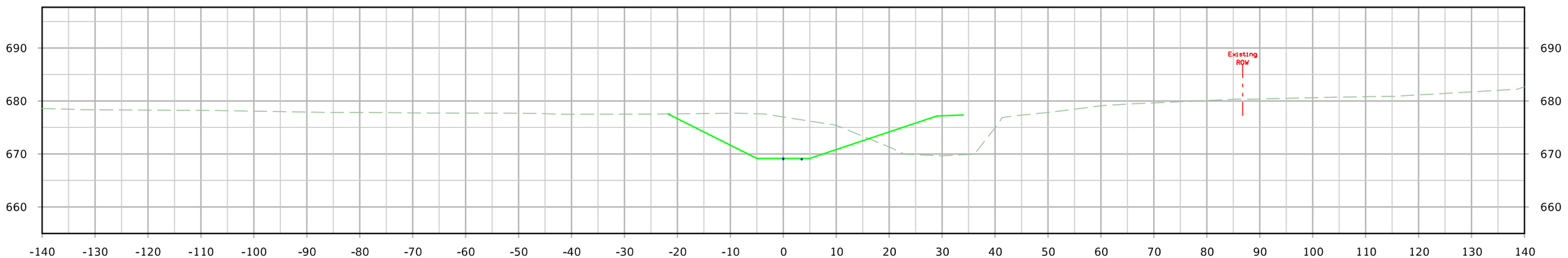
SpencerCrk



STA. 2+50.00



STA. 2+00.00

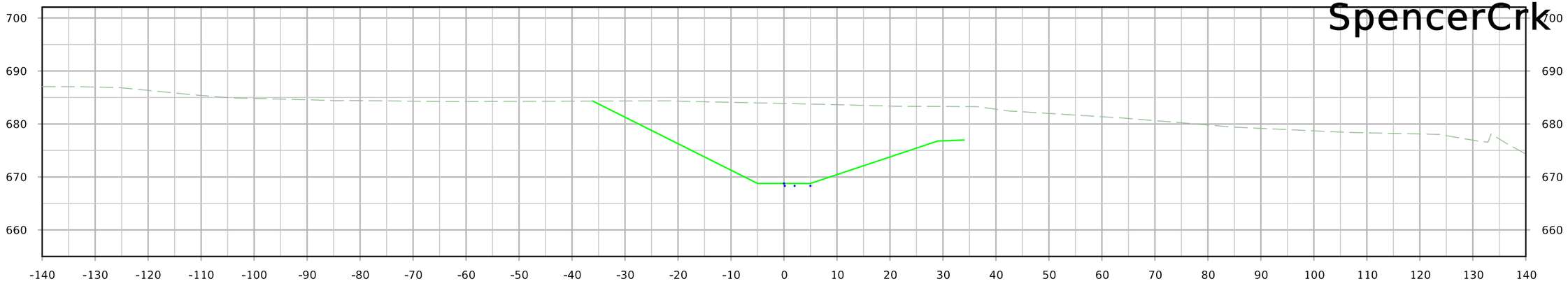


STA. 1+50.00

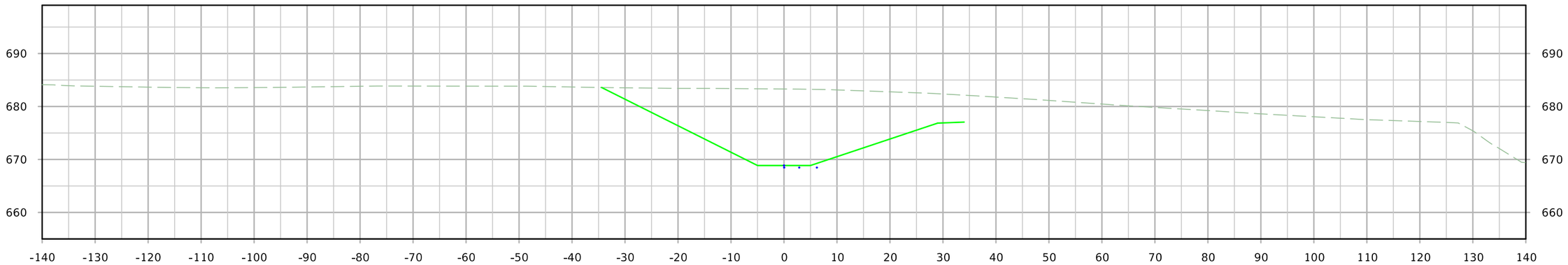
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.96

2:49:58 PM 5/1/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y95_SpencerCrk.dgn

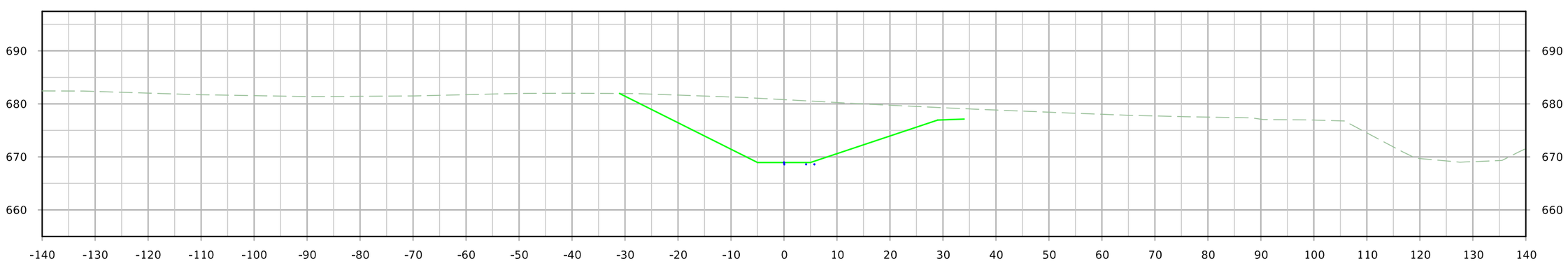
SpencerCrk



STA. 4+00.00



STA. 3+50.00

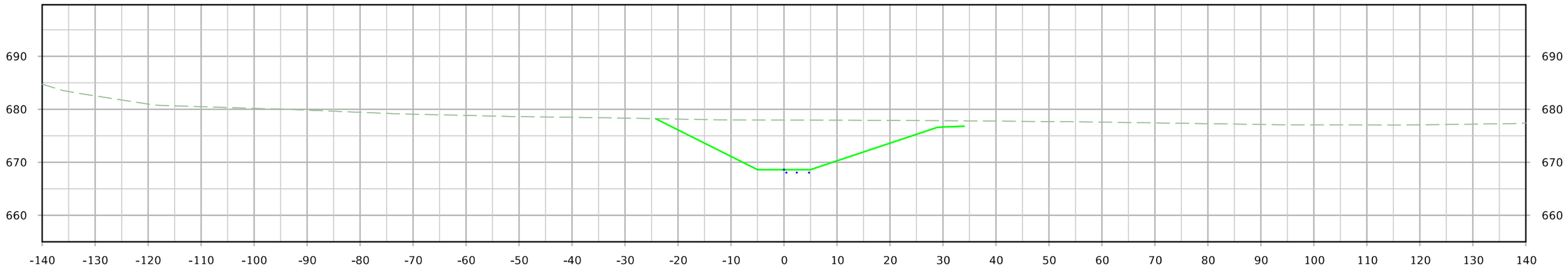


STA. 3+00.00

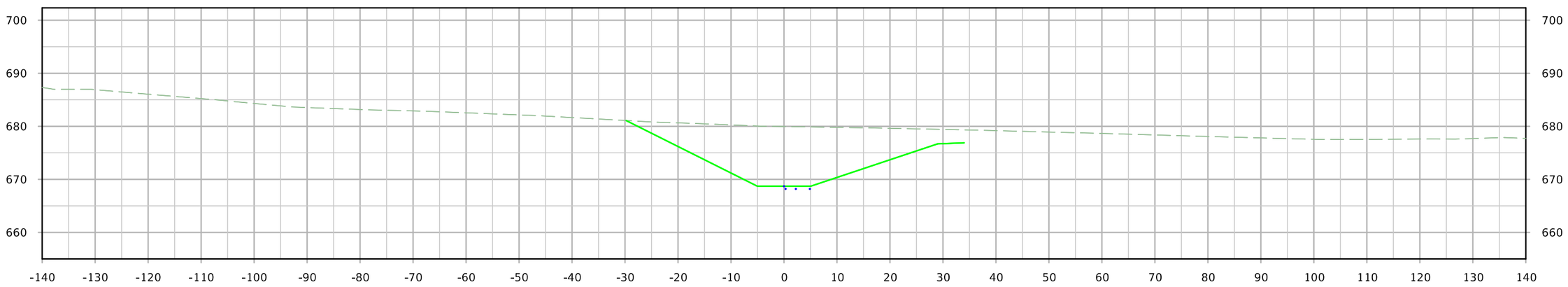
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.97	

2:49:59 PM 5/1/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y95_SpencerCrk.dgn

SpencerCrk



STA. 5+00.00

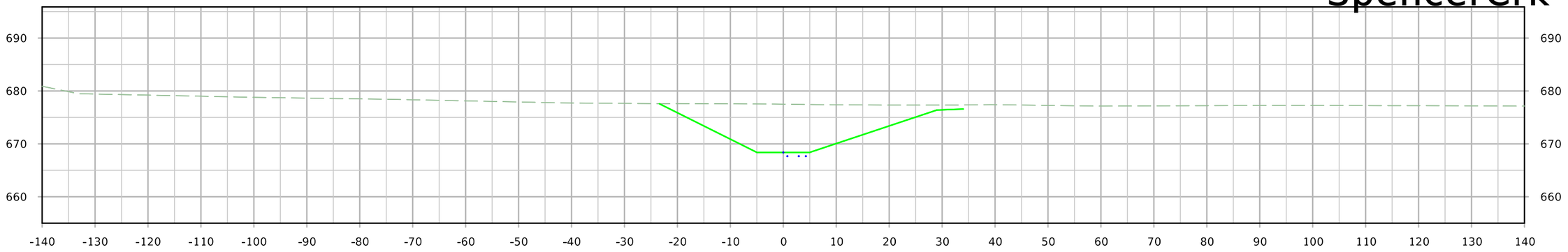


STA. 4+50.00

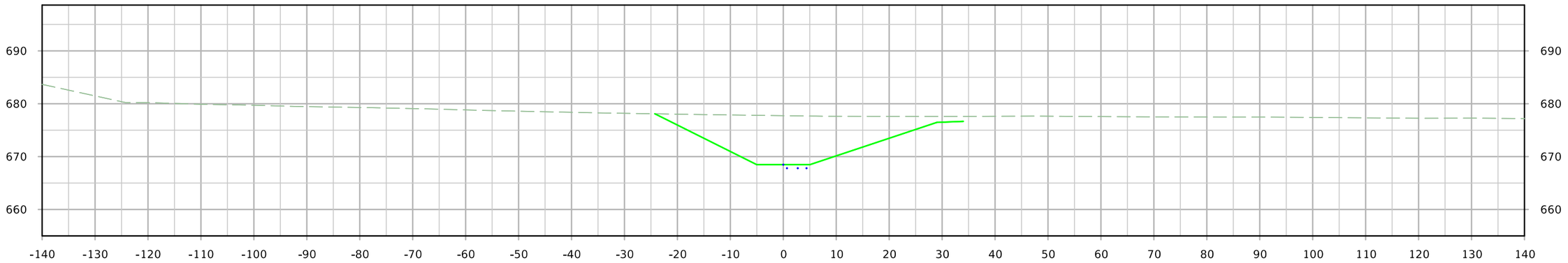
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.98	

2:49:59 PM 5/1/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y95_SpencerCrk.dgn

SpencerCrk



STA. 6+50.00



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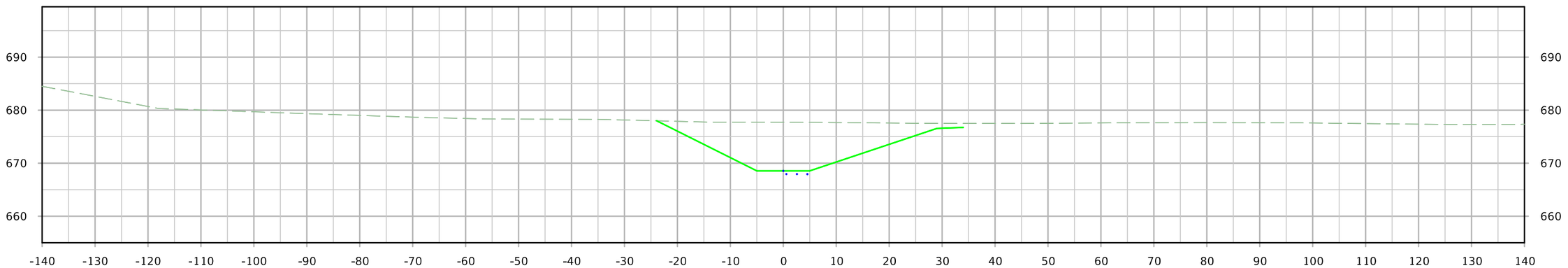
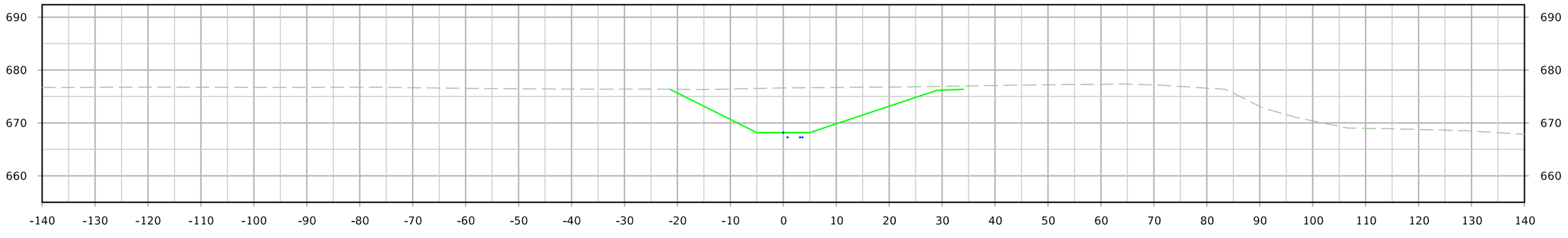


STA. 5+50.00

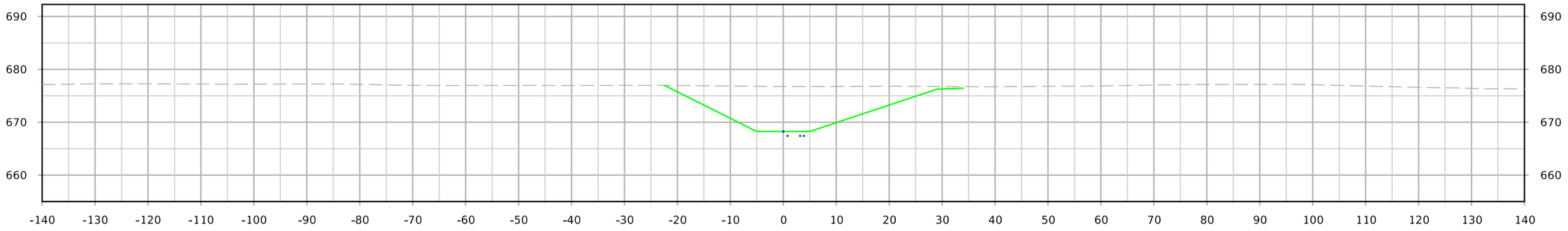
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.99	

2:50:00 PM 5/1/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y95_SpencerCrk.dgn

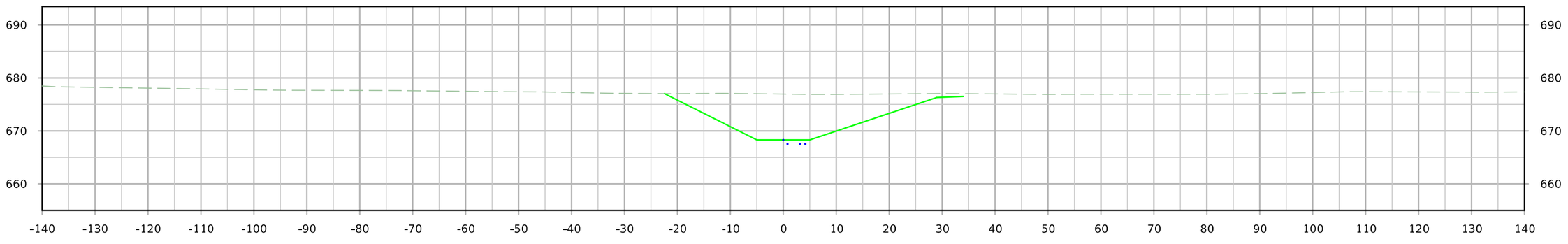
SpencerCrk



STA. 8+00.00



STA. 7+50.00

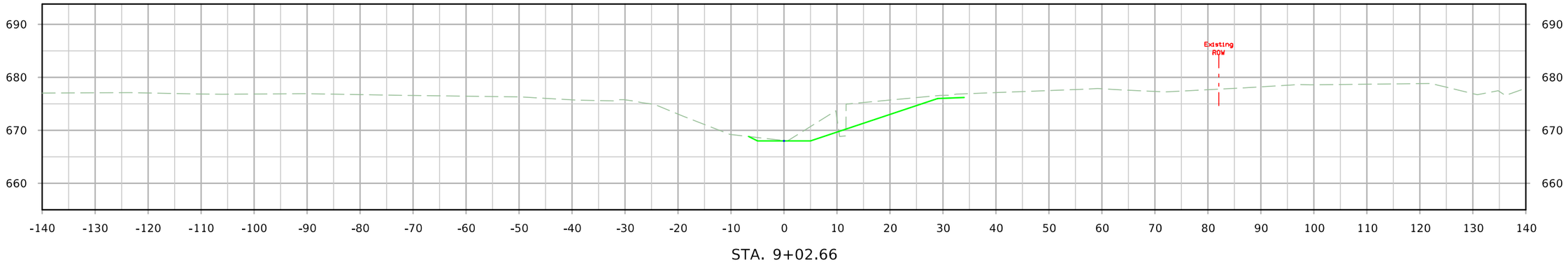


STA. 7+00.00

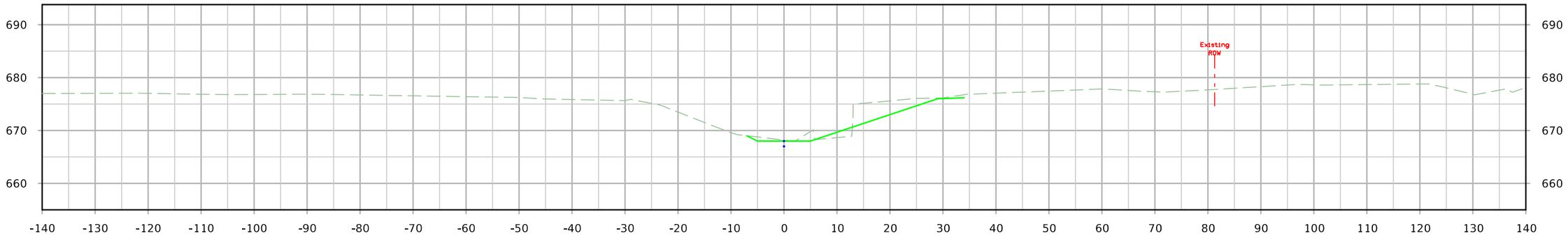
FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.100

2:50:00 PM 5/1/2023 mbenne2 c:\pw_work\pwmain\mbenne2\d1584587\SHT_82080357Z11_Y95_SpencerCrk.dgn

SpencerCrk



STA. 9+02.66



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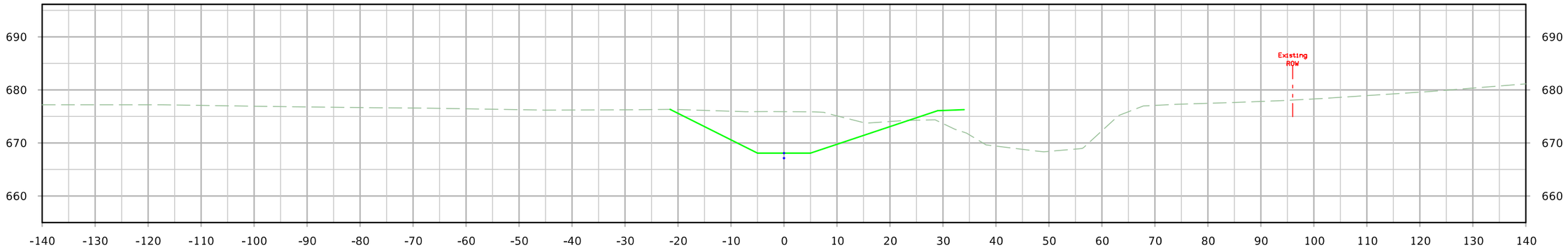

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FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.101

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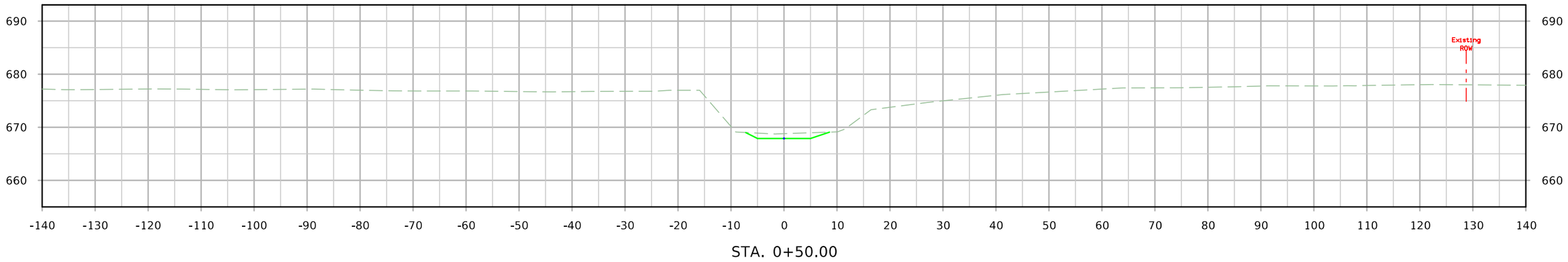
Spencer



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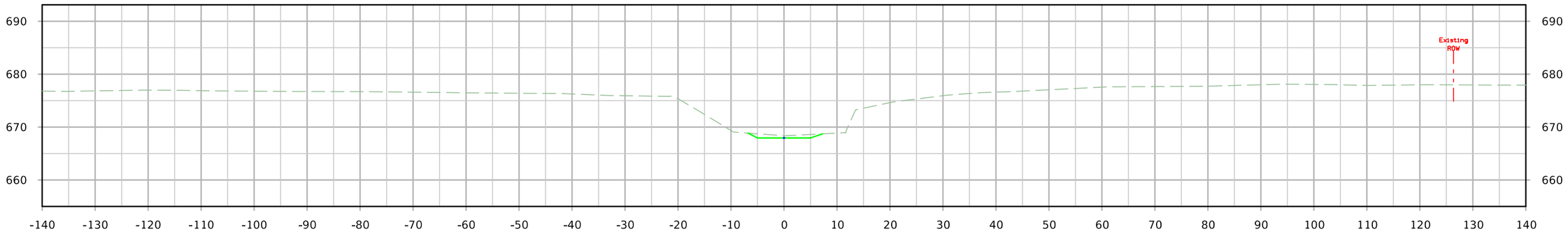

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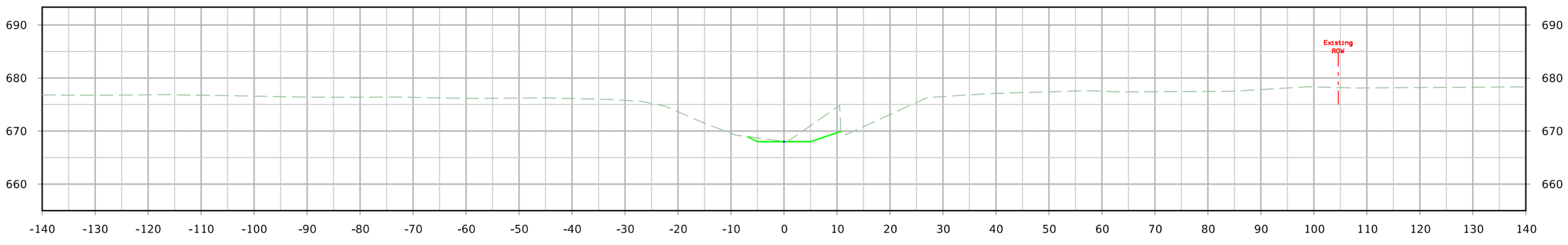

STA. 0+00.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.102

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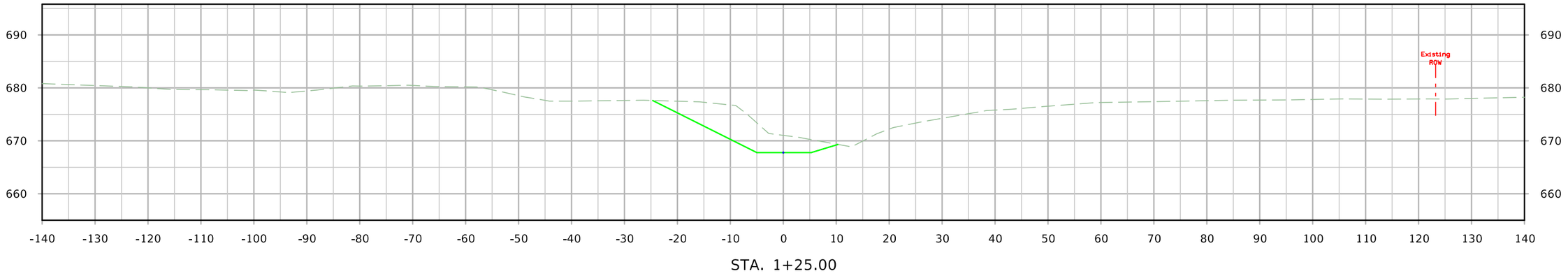

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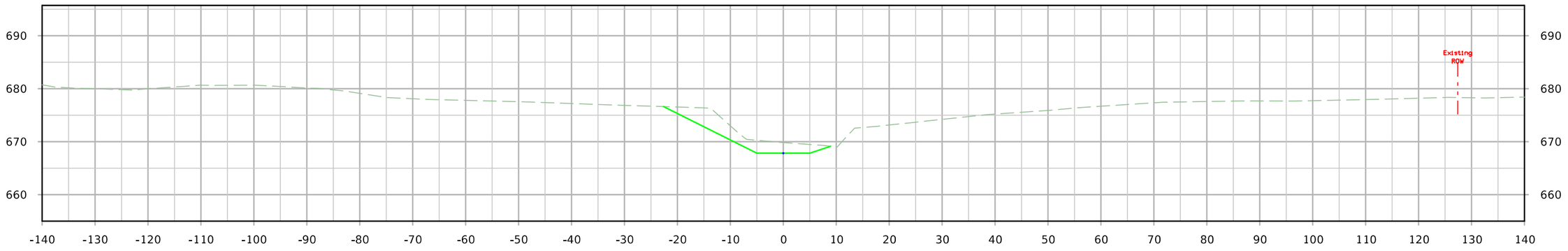

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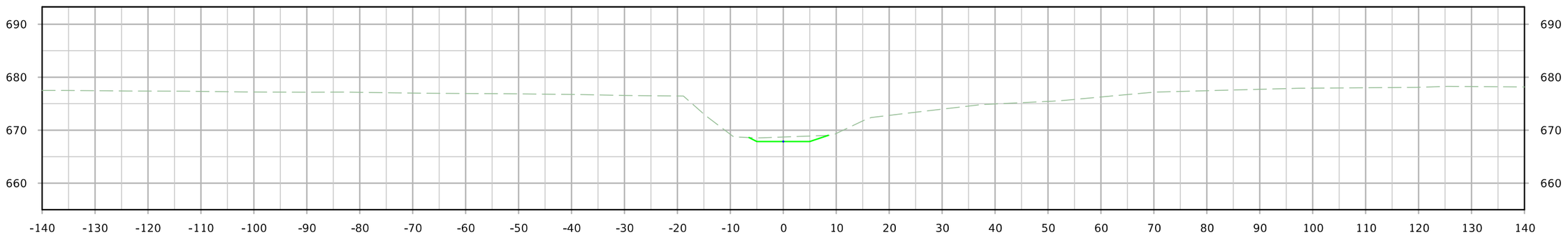

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FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.103

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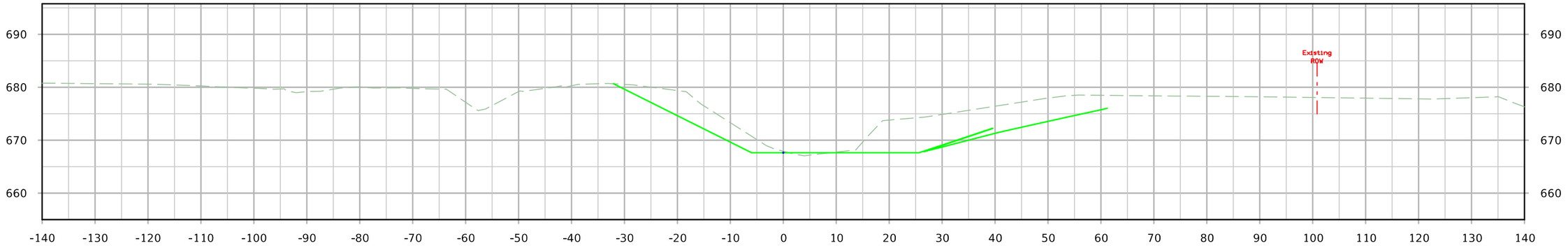

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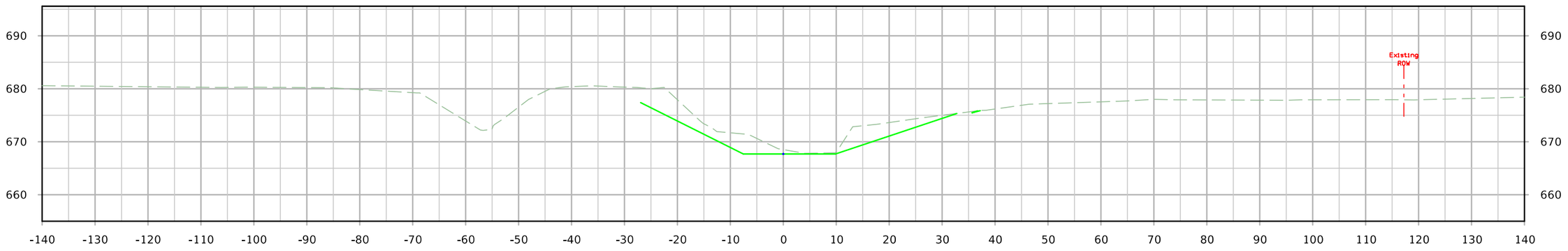

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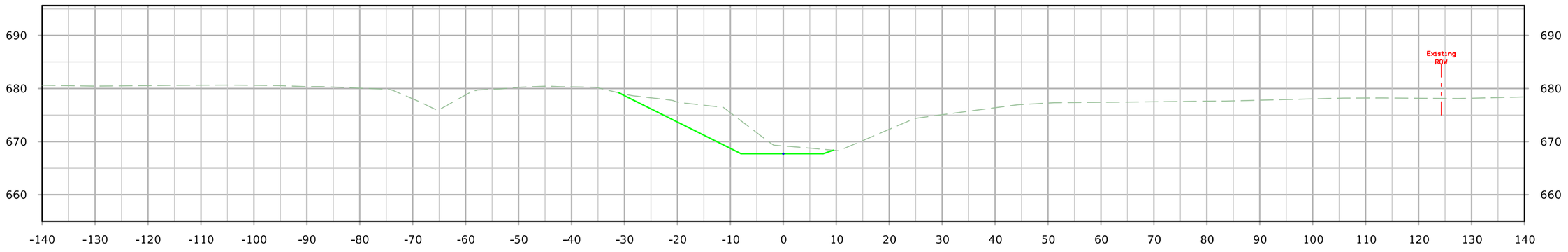

STA. 1+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER Y.104	

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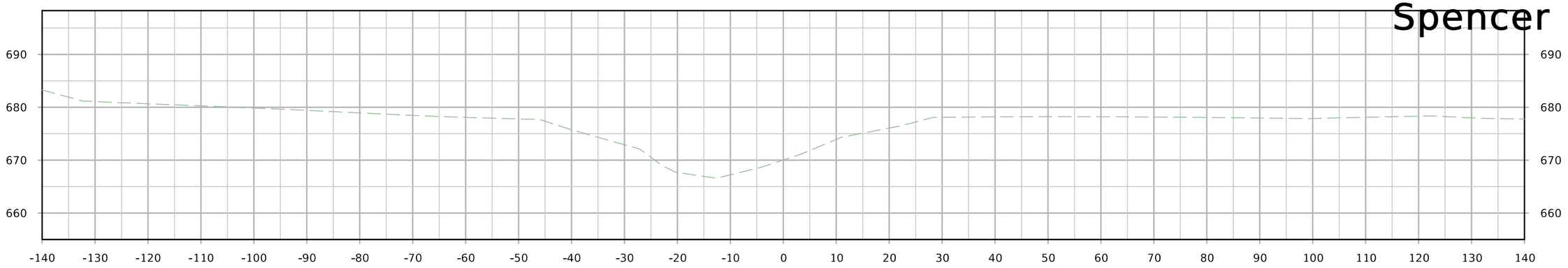
Spencer



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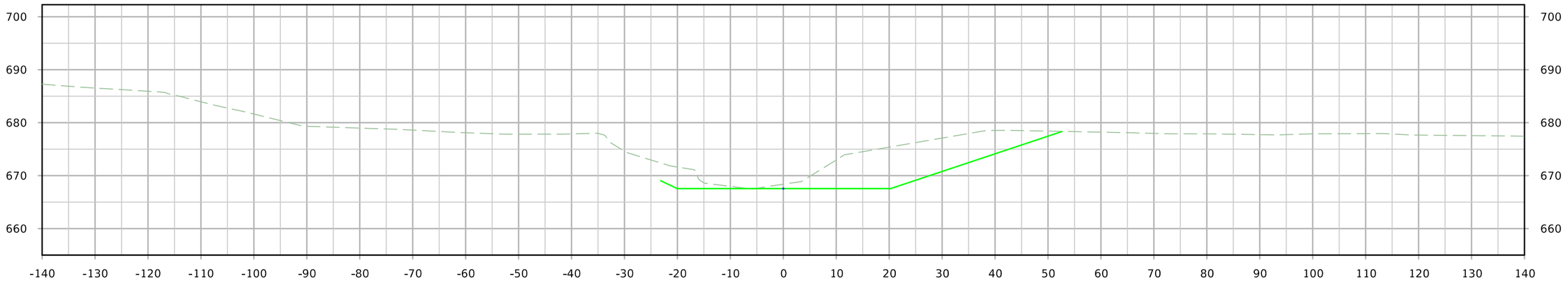

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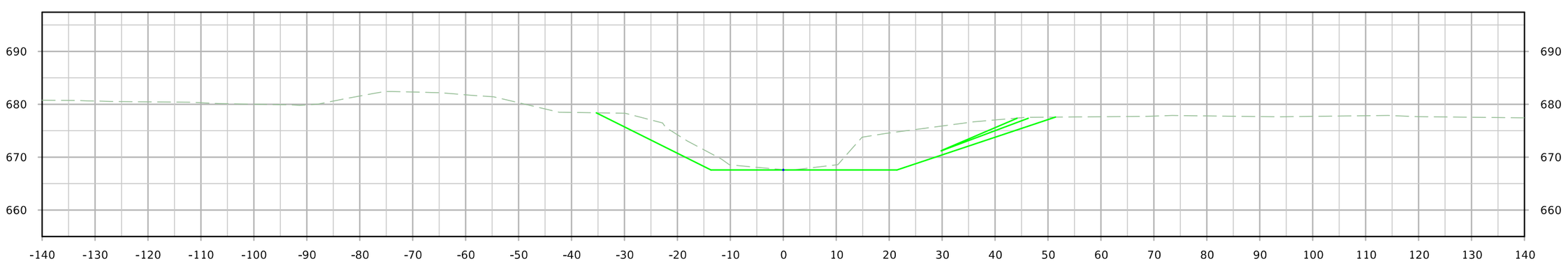

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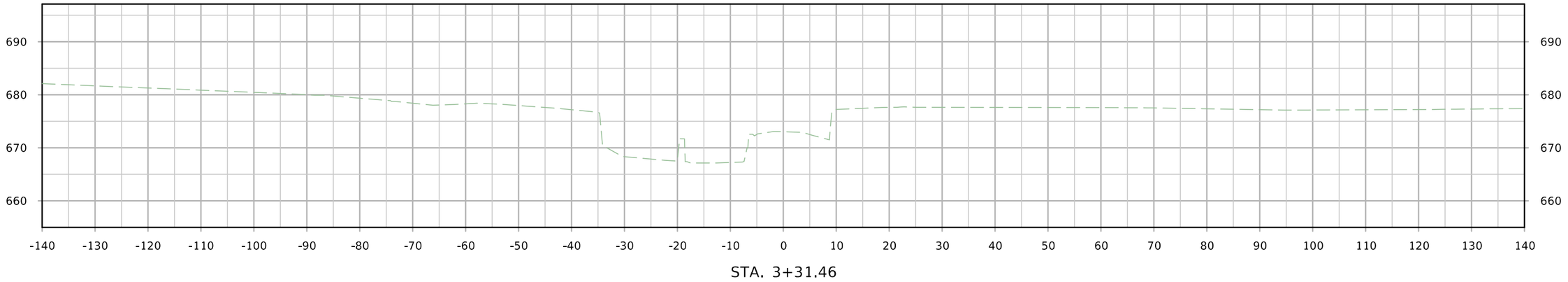
Spencer



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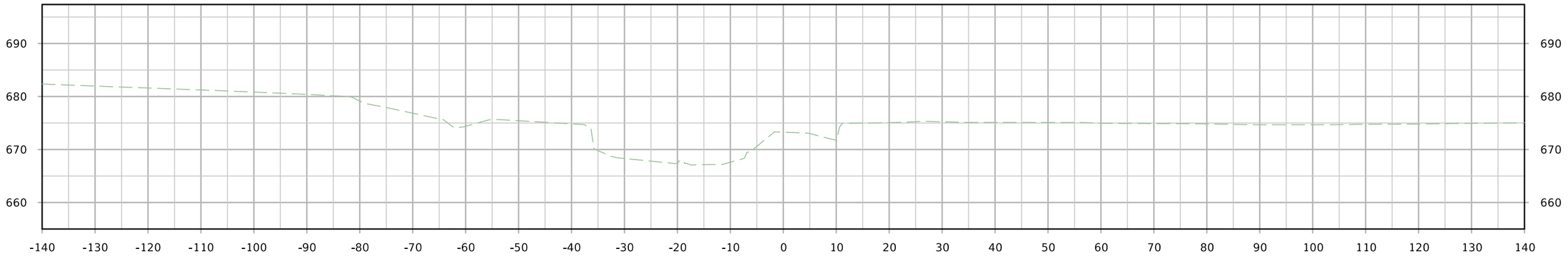

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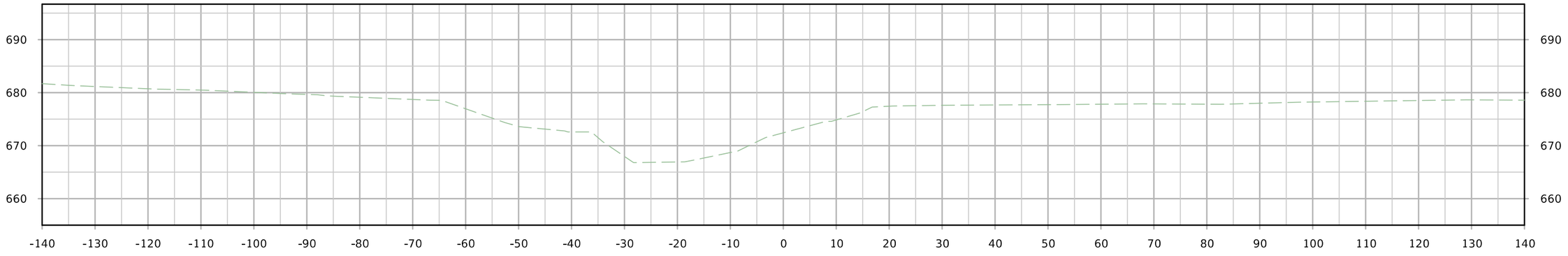

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SCOTT COUNTY | PROJECT NUMBER IM-NHS-080-8(357)300--03-82 | SHEET NUMBER 1.200 | DESIGN TEAM HOLST\TAMRAKARIBENNETT | REVISOR | FILE NO.

TRAFFIC:

- I-80 EB and WB Traffic will be maintained on existing lanes.
- Middle Road Traffic will be maintained on existing lanes.

CONSTRUCTION:

- Grade Specer creek channel along new alignment.
- Extend Structure at I-80 Sta. 1249+51.2 RT.
- Peform repairs and extend structure at I-80 Sta. 1253+25.9 RT.
- Construct Temporary Pavement - I-80 Median, Ramp B Detour .
- Construct Ramp D and Ramp C .
- Construct New NB lanes south of Interchange for Middle Road.
- Construct driveway for property in northwest interchange quadrant.

We will create a separate stage in the plans notes for the entrance construction so limits for how low temporary access can be set.

1180+00 1185+00 1190+00 1195+00 1200+00 1205+00 1210+00 1215+00 1220+00 1225+00 1230+00 1235+00 1240+00 1245+00 1250+00 1255+00 1260+00 1265+00 1270+00

LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes		
Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

0 100 200 FEET

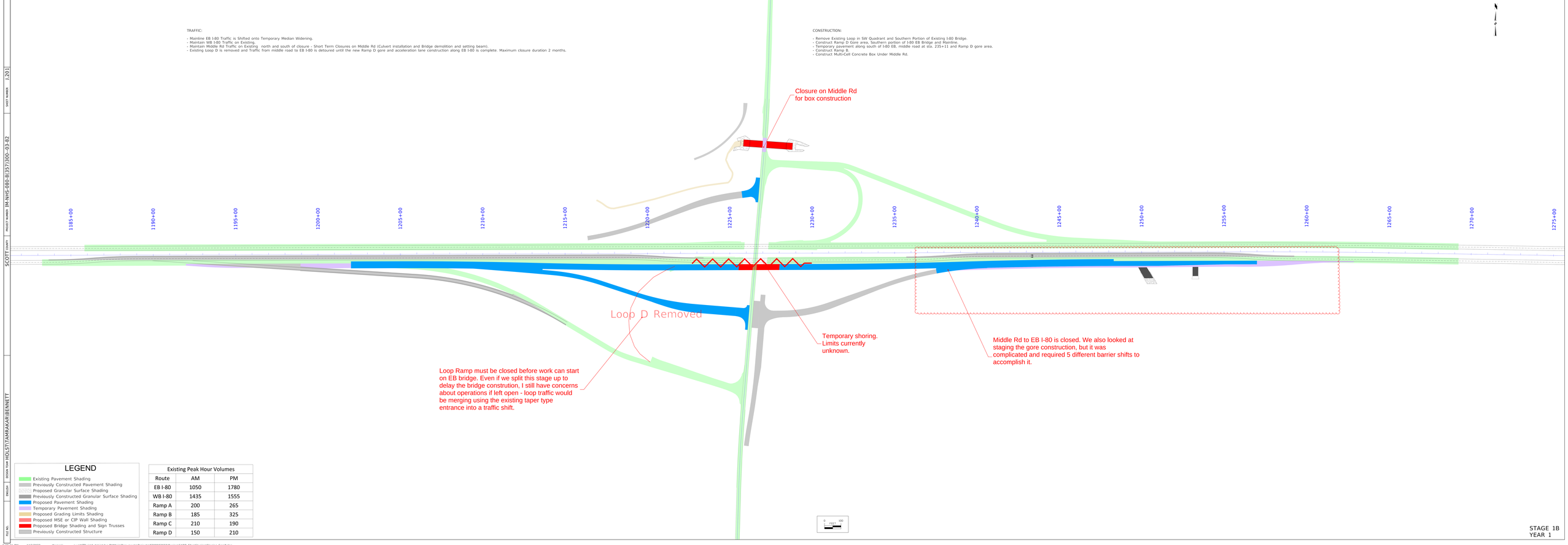
STAGE 1A
YEAR 1

TRAFFIC:

- Mainline EB I-80 Traffic is Shifted onto Temporary Median Widening.
- Maintain WB I-80 Traffic on Existing.
- Maintain Middle Rd Traffic on Existing north and south of closure - Short Term Closures on Middle Rd (Culvert installation and Bridge demolition and setting beam).
- Existing Loop D is removed and Traffic from middle road to EB I-80 is detoured until the new Ramp D gore and acceleration lane construction along EB I-80 is complete. Maximum closure duration 2 months.

CONSTRUCTION:

- Remove Existing Loop in SW Quadrant and Southern Portion of Existing I-80 Bridge.
- Construct Ramp D Gore area, Southern portion of I-80 EB Bridge and Mainline.
- Temporary pavement along south of I-80 EB, middle road at sta. 235+11 and Ramp D gore area.
- Construct Ramp B.
- Construct Multi-Cell Concrete Box Under Middle Rd.



LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes

Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

STAGE 1B
YEAR 1

SCOTT COUNTY | PROJECT NUMBER IM-NHS-080-8(357)300--03-82 | SHEET NUMBER J.201

DESIGN TEAM HOLST\TAMRAKAR\BENNETT | ENGLISH | FILE NO.

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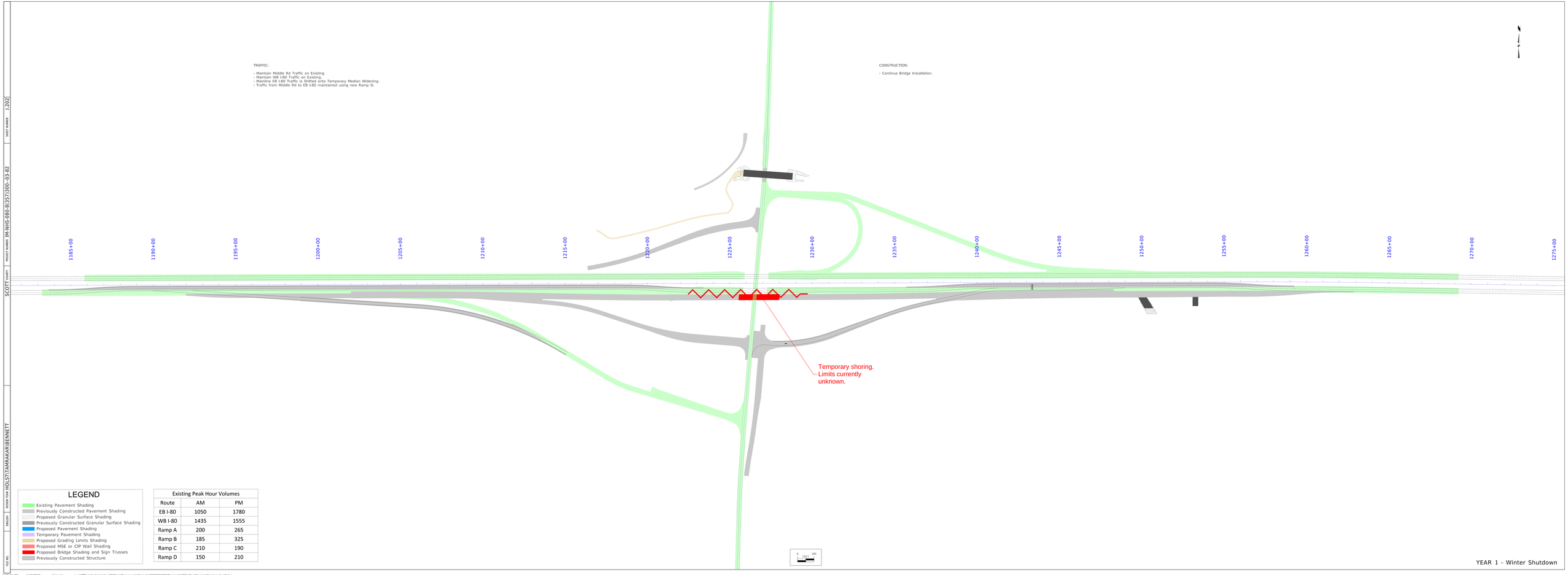
TRAFFIC:

- Maintain Middle Rd Traffic on Existing
- Maintain WB I-80 Traffic on Existing.
- Mainline EB I-80 Traffic is Shifted onto Temporary Median Widening.
- Traffic from Middle Rd to EB I-80 maintained using new Ramp D.

CONSTRUCTION:

- Continue Bridge Installation.



LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes		
Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

YEAR 1 - Winter Shutdown

SHEET NUMBER J.202

PROJECT NUMBER IM-NHS-080-8(357)300--03-82

SCOTT COUNTY

DESIGN TEAM HOLST\TAMRAKAR\BENNETT

ENGLISH

FILE NO.

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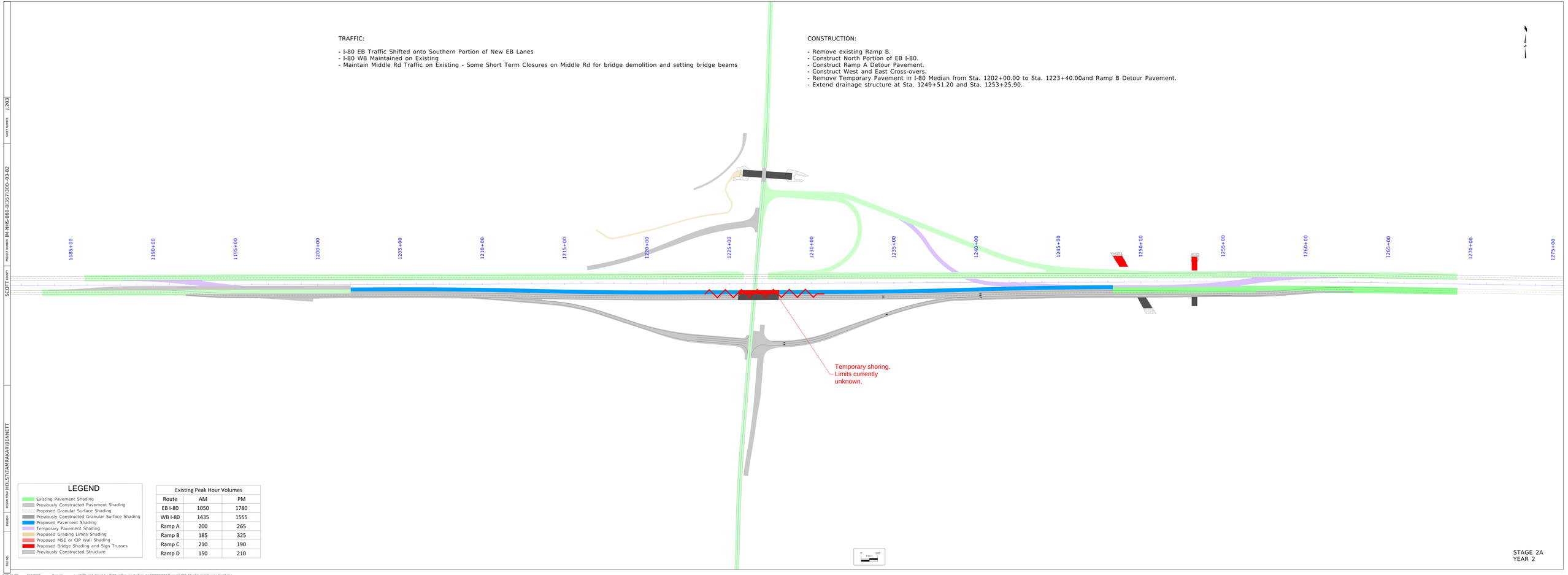
TRAFFIC:

- I-80 EB Traffic Shifted onto Southern Portion of New EB Lanes
- I-80 WB Maintained on Existing
- Maintain Middle Rd Traffic on Existing - Some Short Term Closures on Middle Rd for bridge demolition and setting bridge beams

CONSTRUCTION:

- Remove existing Ramp B.
- Construct North Portion of EB I-80.
- Construct Ramp A Detour Pavement.
- Construct West and East Cross-overs.
- Remove Temporary Pavement in I-80 Median from Sta. 1202+00.00 to Sta. 1223+40.00and Ramp B Detour Pavement.
- Extend drainage structure at Sta. 1249+51.20 and Sta. 1253+25.90.



LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes		
Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

STAGE 2A
YEAR 2

SCOTT COUNTY | PROJECT NUMBER IM-NHS-080-8(357)300--03-82 | SHEET NUMBER J.203

DESIGN TEAM HOLST\TAMRAKAR\BENNETT | ENGLISH | FILE NO.

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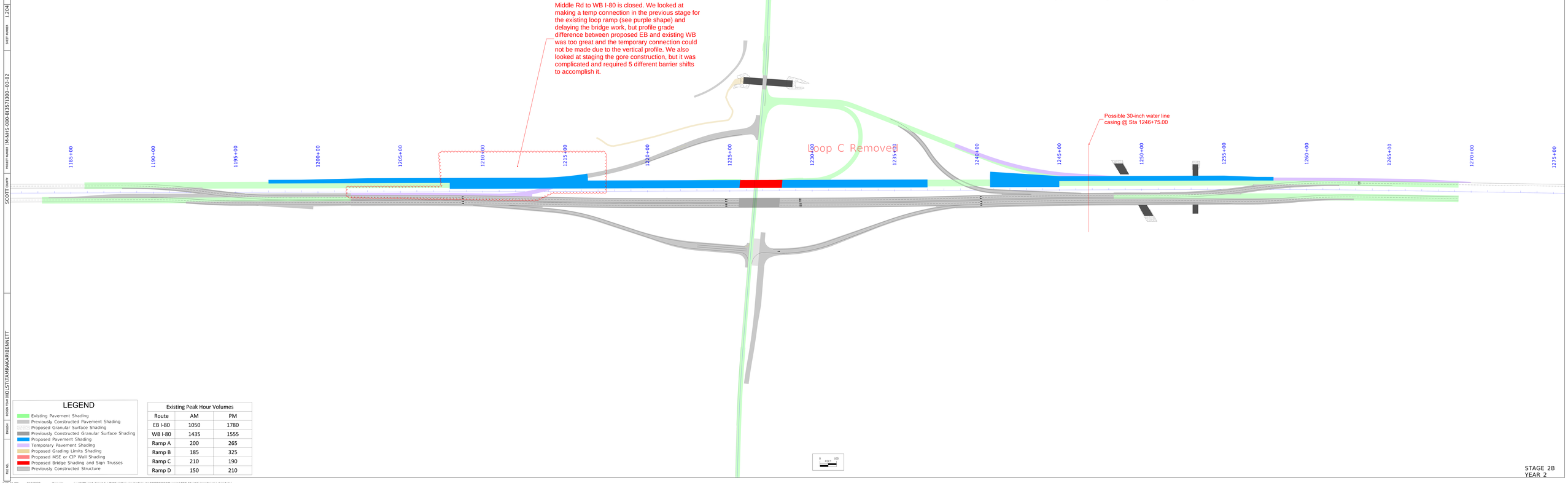
TRAFFIC:

- Maintain EB and WB I-80 Traffic Head to Head on Newly Constructed EB Lanes
- Middle Rd Traffic will be Maintained on Existing.
- Ramp B and Ramp D traffic on new ramps.
- Existing loop Ramp C is removed and Middle Rd traffic to WB I-80 is detoured until Ramp C gore and temporary Ramp C crossover construction is complete. Maximum closure duration is 3 weeks.

CONSTRUCTION:

- Remove Loop C.
- Construct WB I-80 Bridge.
- Construct temporary Ramp C cross over.
- Constuct Ramp C gore area and I-80 WB lanes(do not pave sta.1237+00- 1241+00)
- Temporary pavement along Ramp A and along existing outside I-80 WB lane.



LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes		
Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

STAGE 2B
YEAR 2

SHEET NUMBER J.204
PROJECT NUMBER IM-NHS-080-8(357)300--03-82
SCOTT COUNTY
DESIGN TEAM HOLST\TAMRAKAR\BENNETT
ENGLISH
FILE NO.

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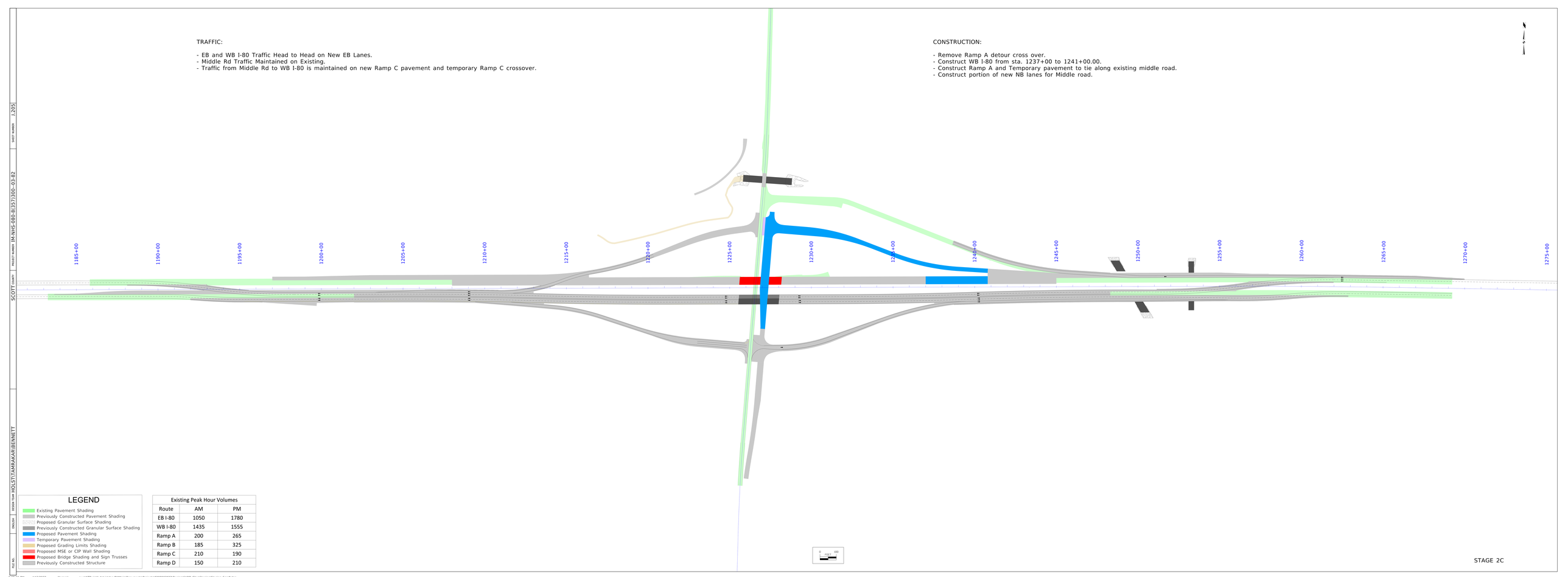
TRAFFIC:

- EB and WB I-80 Traffic Head to Head on New EB Lanes.
- Middle Rd Traffic Maintained on Existing.
- Traffic from Middle Rd to WB I-80 is maintained on new Ramp C pavement and temporary Ramp C crossover.

CONSTRUCTION:

- Remove Ramp A detour cross over.
- Construct WB I-80 from sta. 1237+00 to 1241+00.00.
- Construct Ramp A and Temporary pavement to tie along existing middle road.
- Construct portion of new NB lanes for Middle road.



LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes		
Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

STAGE 2C

SHEET NUMBER J.205

PROJECT NUMBER IM-NHS-080-8(357)300--03-82

SCOTT COUNTY

DESIGN TEAM HOLST\TAMRAKAR\BENNETT

ENGLISH

FILE NO.

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REVISED

SHEET NUMBER 1.206

PROJECT NUMBER IM-NHS-080-8(357)300--03-82

COUNTY SCOTT

DESIGN TEAM HOLST\TAMRAKARIBENNETT

ENGLISH

FILE NO.

TRAFFIC:

- Maintain EB and WB I-80 Traffic on New EB and WB Pavement
- Maintain Middle Rd Traffic on Existing.
- All ramp traffic is maintained on new ramps.

CONSTRUCTION:

- Remove both west and east cross-overs.
- Remove existing Ramp A.
- Remove Temporary detour pavement along Ramp A, Ramp D and Ramp C crossover.
- Remove temporary median paving on I-80 from Sta. 1183+75.00 to Sta. 1202+00.00.

1185+00 1190+00 1195+00 1200+00 1205+00 1210+00 1215+00 1220+00 1225+00 1230+00 1235+00 1240+00 1245+00 1250+00 1255+00 1260+00 1265+00 1270+00 1275+00

0 FEET 300

LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes

Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

YEAR 2 - Winter Shutdown

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SCOTT COUNTY | PROJECT NUMBER IM-NHS-080-8(357)300--03-82 | SHEET NUMBER 1.207

DESIGN TEAM HOLST\TAMRA\KARI\BENNETT

PROJECT

FILE NO.

TRAFFIC:

- Maintain EB and WB I-80 Traffic on New EB and WB Pavement
- Middle Rd north of Sta. 237+76.57 is closed
- All ramp traffic is maintained on new ramps.

CONSTRUCTION:

- Construct portion of EB I-80 on the west side of the project.
- Construct NB and SB Middle Rd north of the closure at Station 237+76.57 and portion of NB Middle Rd north of Ramp A.
- Contruct Type C entrance at Sta. 238+11.71.
- Construct Temporary pavement at the west side of middle road and at the Median on south tie-in location.

Middle Rd closed north of red line (approximately). Property owners in northwest quadrant will use temporary entrance connection to access Middle Rd.

1185+00 1190+00 1195+00 1200+00 1205+00 1210+00 1215+00 1220+00 1225+00 1230+00 1235+00 1240+00 1245+00 1250+00 1255+00 1260+00 1265+00 1270+00 1275+00

LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes		
Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

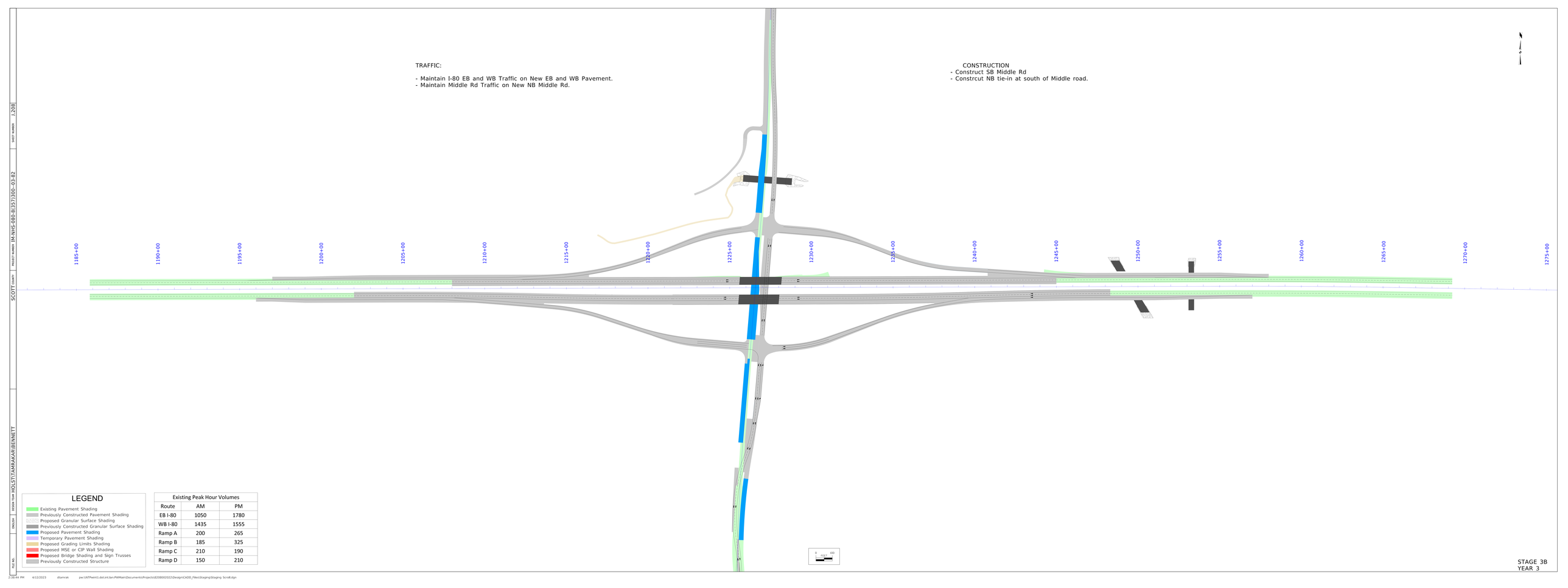
0 100 200

STAGE 3A
YEAR 3

TRAFFIC:

- Maintain I-80 EB and WB Traffic on New EB and WB Pavement.
- Maintain Middle Rd Traffic on New NB Middle Rd.

CONSTRUCTION
- Construct SB Middle Rd
- Constrcut NB tie-in at south of Middle road.



LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes

Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

STAGE 3B
YEAR 3

SHEET NUMBER J.208
PROJECT NUMBER IM-NHS-080-8(357)300--03-82
SCOTT COUNTY
DESIGN TEAM HOLST\TAMRAKAR\BENNETT
ENGLISH
FILE NO.

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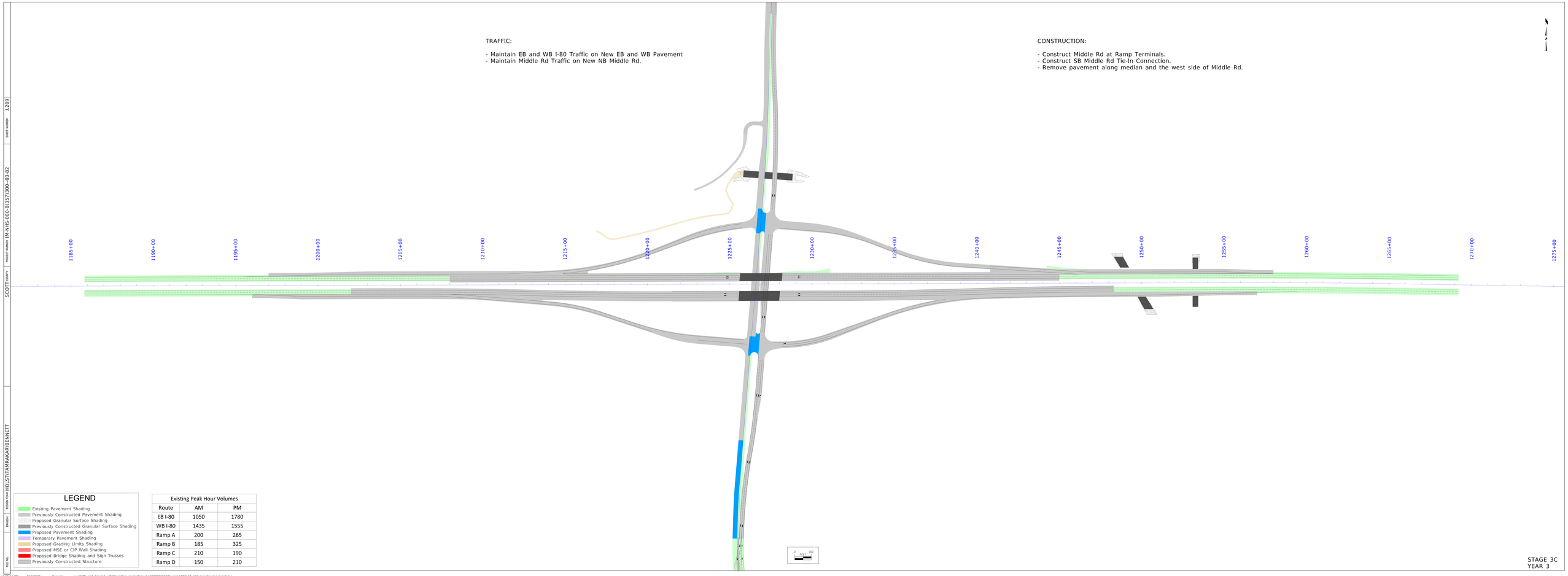
SCOTT COUNTY | PROJECT NUMBER IM-NHS-080-8(357)300--03-82 | SHEET NUMBER 1.209 | DESIGN TEAM HOLST\TAMRA\KARI\BENNETT | ENGLISH | FILE NO.

TRAFFIC:

- Maintain EB and WB I-80 Traffic on New EB and WB Pavement
- Maintain Middle Rd Traffic on New NB Middle Rd.

CONSTRUCTION:

- Construct Middle Rd at Ramp Terminals.
- Construct SB Middle Rd Tie-In Connection.
- Remove pavement along median and the west side of Middle Rd.



LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes		
Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

STAGE 3C
YEAR 3

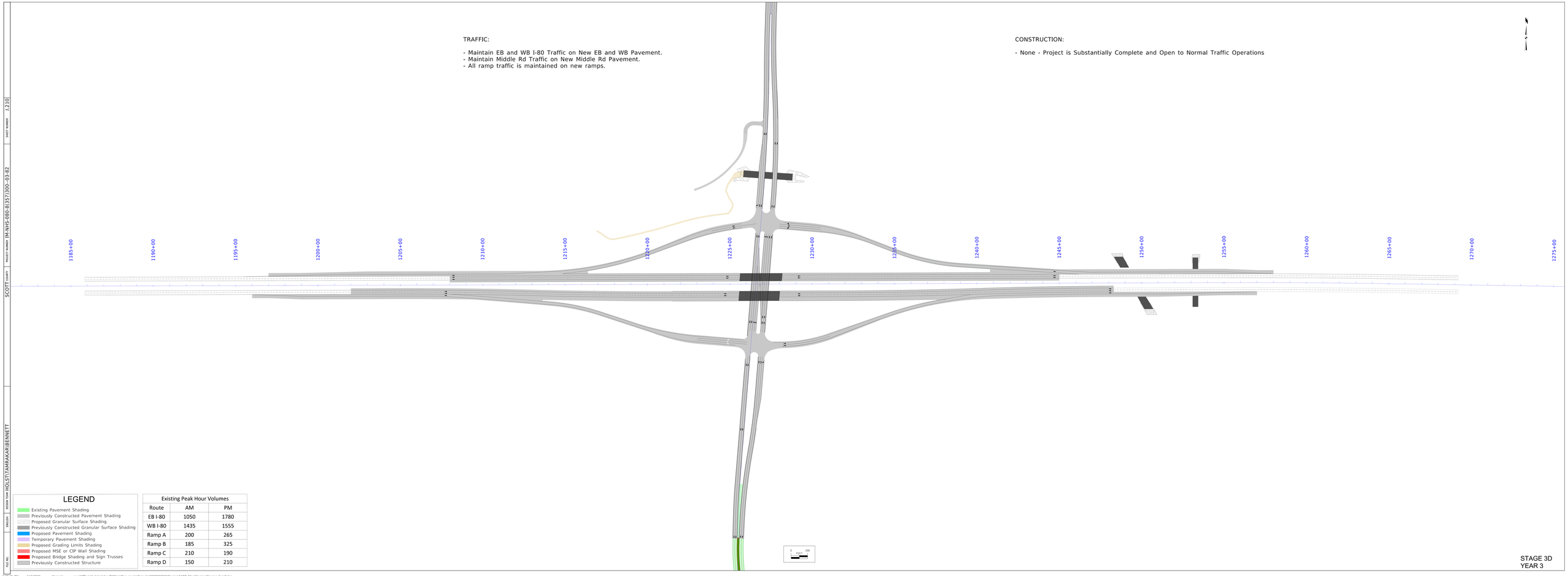
SCOTT COUNTY | PROJECT NUMBER IM-NHS-080-8(357)300--03-82 | SHEET NUMBER 1.2.10 | DESIGN TEAM HOLST\TAMRAKARIBENNETT | ENGLISH | FILE NO.

TRAFFIC:

- Maintain EB and WB I-80 Traffic on New EB and WB Pavement.
- Maintain Middle Rd Traffic on New Middle Rd Pavement.
- All ramp traffic is maintained on new ramps.

CONSTRUCTION:

- None - Project is Substantially Complete and Open to Normal Traffic Operations



LEGEND

- Existing Pavement Shading
- Previously Constructed Pavement Shading
- Proposed Granular Surface Shading
- Previously Constructed Granular Surface Shading
- Proposed Pavement Shading
- Temporary Pavement Shading
- Proposed Grading Limits Shading
- Proposed MSE or CIP Wall Shading
- Proposed Bridge Shading and Sign Trusses
- Previously Constructed Structure

Existing Peak Hour Volumes		
Route	AM	PM
EB I-80	1050	1780
WB I-80	1435	1555
Ramp A	200	265
Ramp B	185	325
Ramp C	210	190
Ramp D	150	210

STAGE 3D
YEAR 3

Lincoln TWP.
T-79N R-4E
SEC. 35

Sta. 1218+53.1
Skew 10° LT. AHEAD
6'X6'X254' BOX, FAIR
D.A.=104.9 ac
ROLLING

Permanent Easement Construction Limits
ROW Construction Limits
Existing ROW

Sta. 1226+16.9
Skew 5° LT. AHEAD
24"x235' RCP, POOR
D.A.=1.7 ac
ROLLING

Sta. 1226+98.4
Skew 5° LT. AHEAD
24"x228' RCP, POOR
D.A.=5.0 ac
ROLLING

Sta. 1226+57.70(ML I-80)=
Sta. 228+36.57(Middle Rd)

I-80 WB
I-80

Sta. 1225+02.1
24"x84' RCP/CMP, FAIR
D.A.=6.3 ac
ROLLING

ROW Construction Limits

Utility Crossing Location
1234+50

Sta. 1234+57.0
36"x167' RCP, FAIR
D.A.=16.5 ac
ROLLING

Sta. 3235+85 (PLAN)
2'X3.25'X154' BOX, POOR
D.A.=12.0 ac
ROLLING

Utility Crossing Location
1235+00

Existing ROW
Obliteration Construction Limits
ROW Construction Limits

Sta. 124L+03.0
18" CMP INLET, POOR
24" RCP OULET, FAIR
X154'
D.A.=7.6 ac
ROLLING

Sta. 5239+80 (PLAN)
24"x102' RCP, FAIR
D.A.=11.2 ac
FLAT

Sta. 1245+00.00 (ML WB I-80)
Sta. 11245+00.00 (BL I-80)
End WB Paving

(Future Lane

36" X 24' CMP
ASSUMED CONNECTION

24" X 56' CMP

24" X 65' CMP

Sta. 1240+04.8
24"x63' RCP, FAIR
D.A.=3.5 ac
FLAT

ROW Construction Limits

Existing ROW

Pleasant Valley TWP.
T-78N R-4E
SEC. 2

Pleasant Valley TWP.
T-78N R-4E
SEC. 1

0 100 FEET

I-80 WB

11220+00 11225+00 11230+00 11235+00 11240+00 11245+00

740 730 720 710 700 690 680 670

-0.55% MED Ditch Grade
+0.26% MED Ditch Grade
-0.35% MED Ditch Grade
-1.71% MED Ditch Grade
-2.07% MED Ditch Grade
2.68%
-6.15% LT Ditch Grade

Prop. Gr. CL EB I-80
Exist. Gr. CL WB I-80

VPI = +00.00
ELV = 709.63
L = 450.00
K = 317

+10.00% +0.00% -9.77%
-0.35%
-0.76%
-0.76%
-1.77%
+10.00% +0.00% -10.00%
-1.82%
+10.00% +0.00% -10.00%
-1.82%
-10.00%

LT +50 708.50
LT +05 680.50
MED +00 709.75
MED +63 710.70
MED +00 709.80
MED +00 708.40
MED +00 706.88
MED +21 709.00
MED +31 709.00
MED +57 706.44
MED +00 705.35
MED +00 698.50
MED +15 700.00
MED +20 700.00
MED +40 698.00
MED +00 688.50
MED +00 686.68
MED +23 689.00
MED +33 689.00
MED +69 685.43
LT +50 670.00

Lt Ditch Grade | No Ditch | Bridge | Ramp A | 5 ft Ditch | No Ditch | Lt
Med Median Grade | Bridge | Median Grade | Med
Rt Refer to EB Plan & Profile Sheets | Rt

715.62 715.53 715.44 715.36 715.27 715.18 715.09 715.00 714.92 714.83 714.74 714.65 714.56 714.47 714.39 714.30 714.21 714.12 714.03 713.95 713.86 713.77 713.68 713.59 713.50 713.42 713.33 713.24 713.15 713.06 712.98 712.89 712.80 712.71 712.62 712.54 712.45 712.36 712.27 712.18 712.09 712.01 711.92 711.83 711.74 711.65 711.57 711.48 711.39 711.30 711.21 711.12 711.04 710.95 710.86 710.77 710.68 710.60 710.51 710.42 710.32 710.20 710.07 709.91 709.73 709.54 709.32 709.08 708.83 708.55 708.26 707.94 707.61 707.26 706.88 706.49 706.08 705.64 705.20 704.76 704.32 703.87 703.43 702.99 702.55 702.10 701.66 701.22 700.78 700.33 699.89 699.45 699.01 698.56 698.12 697.68 697.24 696.79 696.35 695.91 695.47 695.02 694.58 694.14 693.70 693.25 692.81 692.37 691.93

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER D.3

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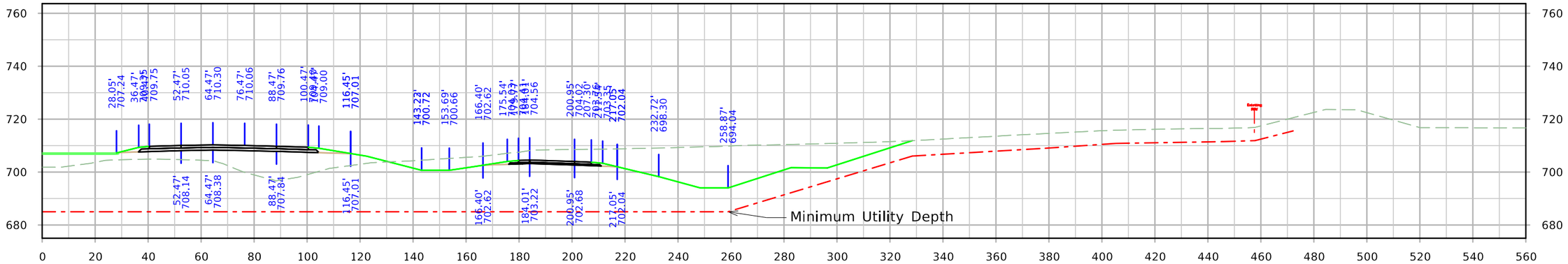
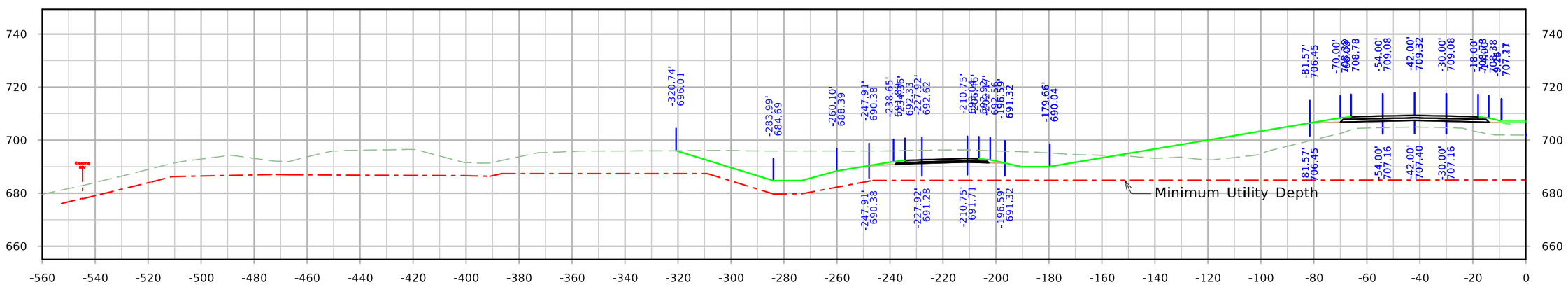
Utility Crossing



STA. 1234+50.00



STA. 1234+50.00

FILE NO.	ENGLISH	DESIGN TEAM HOLST\TAMRAKAR\BENNETT	SCOTT COUNTY	PROJECT NUMBER IM-NHS-080-8(357)300--03-82	SHEET NUMBER UTL-XS

3:51:55 PM 5/2/2023 jacker1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\8208002022\Design\CADD_Files\Sheet_Files\SHT_82080357Z11_W50_UtlCross.dgn