LETTING DATE 12-20-2022

PRELIMINARY ENGINEERING
IM-035-4(309)95--13-77

POLK/STORY COUNTY

INDEX OF SHEETS

No.	DESCRIPTION
A Sheets	**Title Sheets**
A.1	Title Sheet
A.2	Location Map Sheet
B Sheets	**Typical Cross Sections and Details**
B.1 - 9	Typical Cross Sections and Details
D Sheets	**Mainline Plan and Profile Sheets**
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - 41	Interstate 35
E Sheets	**Side Road Plan and Profile Sheets**
* E.1 - 4	126th Avenue
* E.5	134th Avenue
* E.6 - 9	142nd Avenue
* E.10 - 11	158th Avenue
* E.12	166th Avenue/340th Street
* E.13 - 16	IA 210
* E.17	Heartland of Iowa Trail
* E.18	315th Street
* E.19	126th Ave Entrance Sta. 166+91 RT
* E.20	142nd Ave Entrance Sta. 390+00 LT
* E.21	142nd Ave Entrance Sta. 390+00 RT
G Sheets	**Survey Sheets**
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J Sheets	**Traffic Control and Staging Sheets**
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J.1	Coordinated Operations
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J.2	Staging Notes
* J.3	Staging Overview
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V Sheets	**Bridge and Culvert Situation Plans**
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* V.2	142nd Avenue Bridge Situation Plan
* V.3	158th Avenue Bridge Situation Plan
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W Sheets	**Mainline Cross Sections**
W.1 - 184	Mainline Cross Sections
X Sheets	**Side Road Cross Sections**
X.100 - 131	126th Avenue
X.200 - 226	142nd Avenue
X.300 - 319	158th Avenue

H Sheets

IOWA DOT

Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

INTERSTATE ROAD SYSTEM

POLK/STORY COUNTY

PRELIMINARY ENGINEERING

NE 36th St in Ankeny to N of IA 210

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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

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

REVISIONS

PROJECT IDENTIFICATION NUMBER	TOTAL 536
15-77-035-040-01	
PROJECT NUMBER	
IM-035-4(309)95--13-77	
R.O.W. PROJECT NUMBER	
IMN-035-4(243)95--0E-77	
IMN-035-4(266)102--0E-85	

INDEX OF SHEETS

No.	DESCRIPTION
X.400 - 430	IA 210
X.500 - 510	315th Street
Y Sheets	**Ramp Cross Sections**
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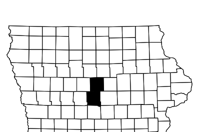
Y.300 - 310	126th Ave Ramp C
Y.400 - 409	126th Ave Ramp D
Y.500 - 501	Rest Area Ramp A
Y.600 - 603	Rest Area Ramp B
Y.	Rest Area Ramp C
Y.800 - 802	Rest Area Ramp D
Y.900 - 912	IA 210 Ramp A
Y.1000 - 1012	IA 210 Ramp B
Y.1100 - 1109	IA 210 Ramp C
Y.1200 - 1211	IA 210 Ramp D
	* Color Plan Sheets



IA 210 to 13th St		
DESIGN DATA RURAL		
2016 AADT	32,000	V.P.D.
2045 AADT	70,500	V.P.D.
20 -- DHV	--	V.P.H.
TRUCKS	22	%
Total Design ESALs	--	

36th St to IA 210		
DESIGN DATA RURAL		
2016 AADT	45,000	V.P.D.
2045 AADT	103,000	V.P.D.
20 -- DHV	--	V.P.H.
TRUCKS	20	%
Total Design ESALs	--	

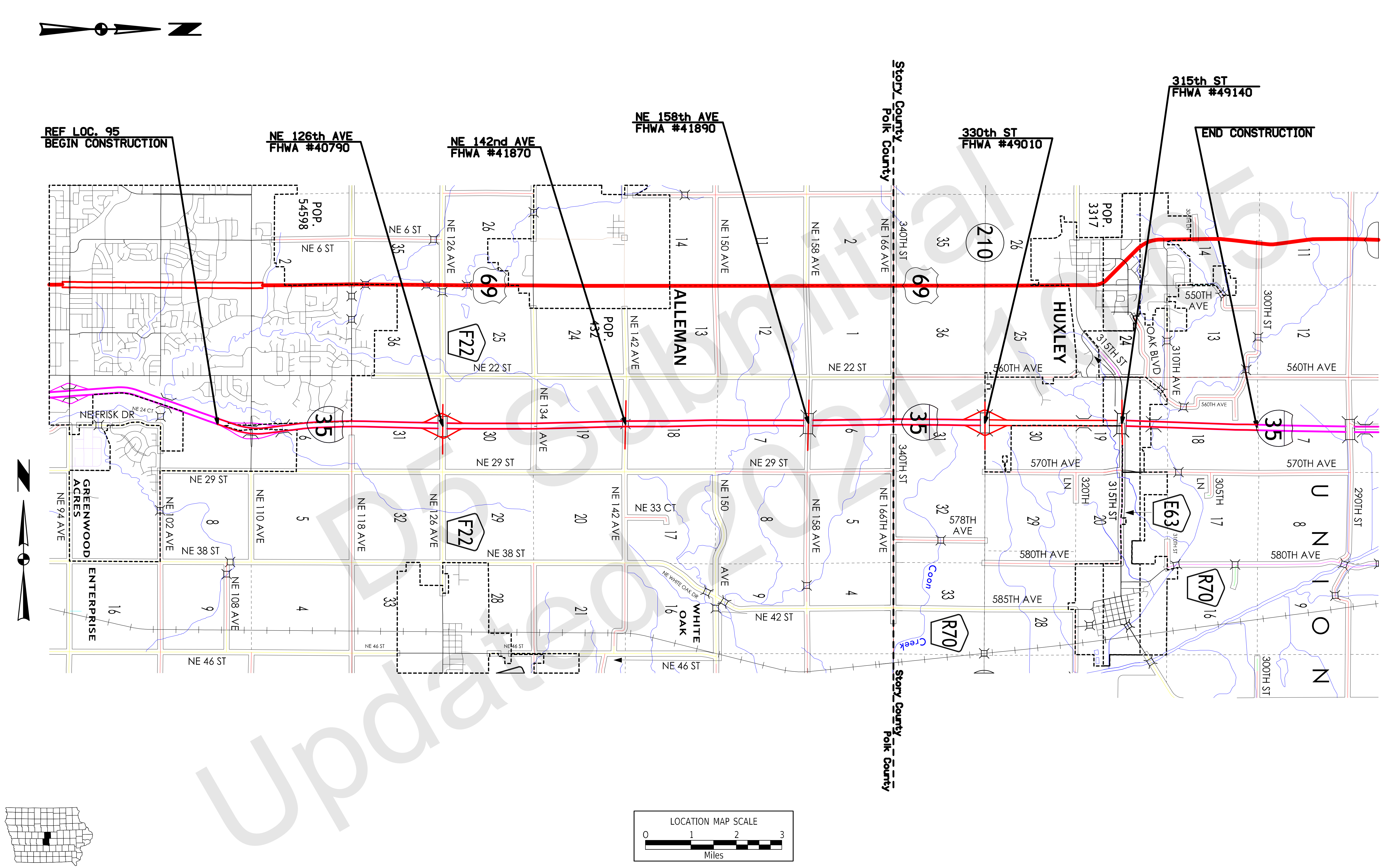
INDEX OF SEALS

SHEET NO.	NAME	TYPE
A.1	Kelly C. Bell	Primary Signature Block
X	David Claman	Hydraulic Signature Block

PRELIMINARY PLANS

Subject to change by final design.

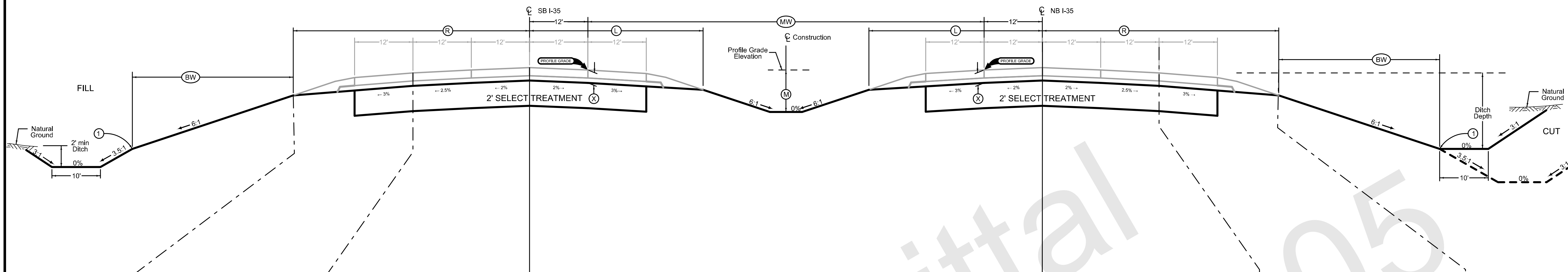
D5 Revision – Date: September 2, 2021



FILE NO. 32044 | ENGLISH | DESIGN TEAM Flattery/Bell | POLK/STORY COUNTY | PROJECT NUMBER IM-035-4(309)95--13-77 | SHEET NUMBER A.2

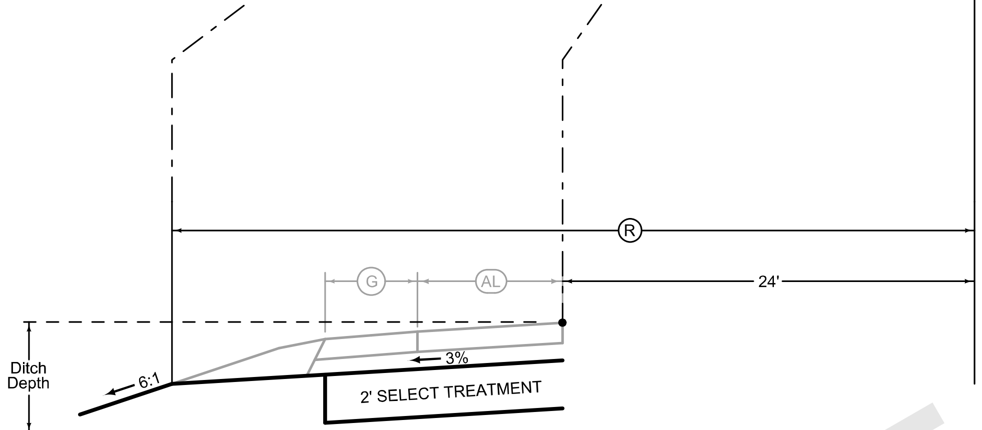
SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

G_6D_Grade
Modified



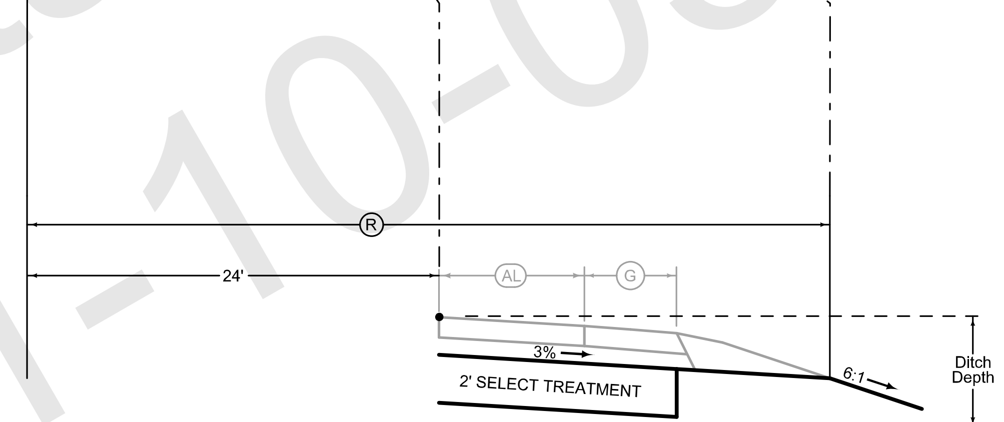
6 LANE GRADING

LOCATION			DIMENSIONS					
ROAD IDENTIFICATION	STATION TO STATION		L Feet	R Feet	X Inches	BW Feet	MW/2 Feet	M Feet
INTERSTATE 35 NB	1723+35.91	1748+54.31	36.6	48.6	17.5	9.4	varies	4
INTERSTATE 35 NB	1748+54.31	2255+00.00	36.6	48.6	17.5	9.4	41	4
INTERSTATE 35 SB	1723+24.09	1753+78.11	36.6	49.6	17.5	9.4	varies	4
INTERSTATE 35 SB	1753+78.11	2255+00.00	36.6	49.6	17.5	9.4	41	4



Auxiliary Lane Grading

LOCATION			R
ROAD IDENTIFICATION	STATION TO STATION		Feet
I-35/126th St. (Ramp D Taper)	1761+50.00	1767+50.00	49.6-55.6
I-35/126th St. (Ramp D Taper)	1767+50.00	1777+50.00	55.6
I-35/126th St. (Ramp D Taper)	1777+50.00	1780+60.15	55.6-81.3
I-35/126th St. (Ramp B Taper)	1812+00.00	1816+20.53	86.7-55.6
I-35/126th St. (Ramp B Taper)	1816+20.53	1826+20.53	55.6
I-35/126th St. (Ramp B Taper)	1826+20.53	1829+20.53	55.6-49.6
I-35/Rest Area (Ramp D Taper)	1906+71.62	1912+71.62	49.6-55.6
I-35/Rest Area (Ramp D Taper)	1912+71.62	1922+71.62	55.6
I-35/Rest Area (Ramp D Taper)	1922+71.62	1925+94.08	55.6-87.3
I-35/Rest Area (Ramp B Taper)	1959+25.00	1963+45.53	86.7-55.6
I-35/Rest Area (Ramp B Taper)	1963+45.53	1973+45.53	55.6
I-35/Rest Area (Ramp B Taper)	1973+45.53	1976+45.60	55.6-49.6
I-35/IA 210 (Ramp D Taper)	2076+00.00	2082+00.00	49.6-55.6
I-35/IA 210 (Ramp D Taper)	2082+00.00	2092+00.00	55.6
I-35/IA 210 (Ramp D Taper)	2092+00.00	2095+10.15	55.6-79.6
I-35/IA 210 (Ramp B Taper)	2126+50.00	2130+70.53	88.3-60.6
I-35/IA 210 (Ramp B Taper)	2130+70.53	2140+70.53	60.6
I-35/IA 210 (Ramp B Taper)	2140+70.53	2143+70.53	60.6-48.6



Auxiliary Lane Grading

LOCATION			R
ROAD IDENTIFICATION	STATION TO STATION		Feet
I-35/126th St. (Ramp A Taper)	1756+79.47	1759+79.47	48.6-54.6
I-35/126th St. (Ramp A Taper)	1759+79.47	1769+79.47	54.6
I-35/126th St. (Ramp A Taper)	1769+79.47	1774+00.00	54.6-86.7
I-35/126th St. (Ramp C Taper)	1806+39.85	1809+50.00	85.1-54.6
I-35/126th St. (Ramp C Taper)	1809+50.00	1819+50.00	54.6
I-35/126th St. (Ramp C Taper)	1819+50.00	1825+50.00	54.6-48.6
I-35/Rest Area (Ramp A Taper)	1892+73.18	1895+73.18	48.6-54.6
I-35/Rest Area (Ramp A Taper)	1895+73.18	1905+73.18	54.6
I-35/Rest Area (Ramp A Taper)	1905+73.18	1909+93.71	54.6-86.7
I-35/Rest Area (Ramp C Taper)	1952+97.91	1956+08.06	
I-35/Rest Area (Ramp C Taper)	1956+08.06	1966+08.06	
I-35/Rest Area (Ramp C Taper)	1966+08.06	1972+08.06	
I-35/IA 210 (Ramp A Taper)	2072+79.47	2075+79.47	48.6-60.6
I-35/IA 210 (Ramp A Taper)	2075+79.47	2085+79.47	60.6
I-35/IA 210 (Ramp A Taper)	2085+79.47	2090+00.00	60.6-86.7
I-35/IA 210 (Ramp C Taper)	2120+89.85	2124+00.00	82.4-54.6
I-35/IA 210 (Ramp C Taper)	2124+00.00	2134+00.00	54.6
I-35/IA 210 (Ramp C Taper)	2134+00.00	2140+00.00	48.6

Finish when Ramp C linework is complete

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

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

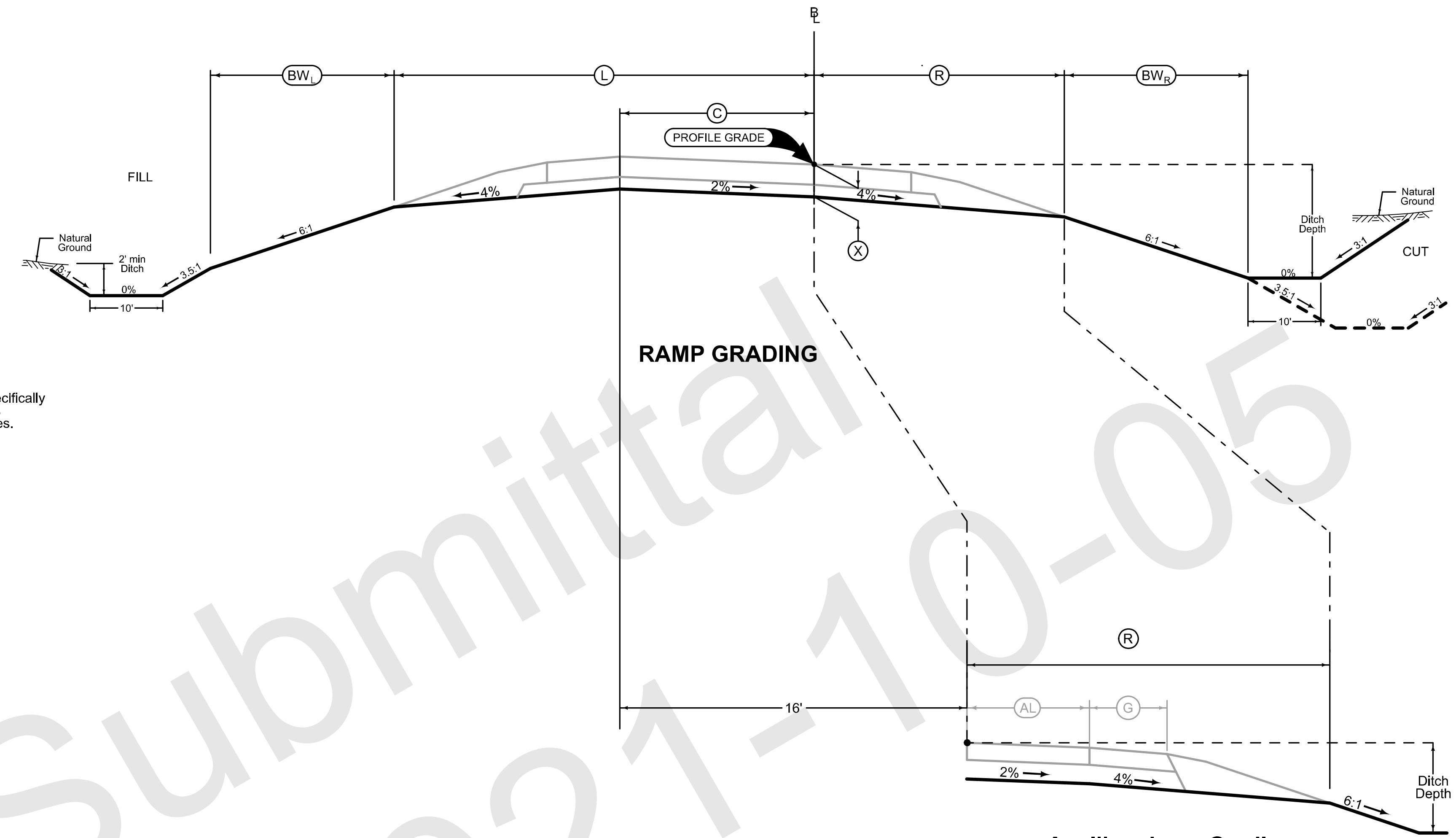
1 Refer to project plan and cross sections for specific location of foreslope change.

LOCATION				DIMENSIONS					
INTERCHANGE	RAMP	STATION TO STATION		L Feet	R Feet	C Feet	X Inches	BW_L Feet	BW_R Feet
I-35 / NE 126th Ave	A	1574+00.00	1593+86.10	36.57	22.57	16.00	23.50	9.43	7.43
	B	2512+00.00	2531+26.61	36.57	22.57	16.00	23.50	9.43	7.43
	C	3492+69.24	3506+40.87	22.57	36.57	16.00	23.50	30.00	46.00
	D	4564+17.16	4575+90.87	22.57	36.57	16.00	23.50	30.00	46.00
I-35 / Rest Area	A	1509+93.71	1514+00.00	36.57	22.57	16.00	22.00	11.43	9.43
	B	2559+25.00	2563+00.00	36.57	22.57	16.00	22.00	varies	9.43
	C	xxxx+xx.xx	xxxx+xx.xx	xx.xx	xx.xx	16.00	22.00	xx.xx	xx.xx
	D	4516+99.33	4519+51.43	varies	varies	16.00	22.00	varies	9.43
I-35 / IA-210	A	1590+00.00	1608+85.19	36.57	22.57	16.00	22.00	11.43	9.43
	B	2526+50.00	2545+29.26	36.57	22.57	16.00	22.00	11.43	9.43
	C	3507+75.47	3520+90.87	36.57	22.57	16.00	22.00	11.43	9.43
	D	4575+18.85	4588+90.87	36.57	22.57	16.00	22.00	11.43	9.43

G_1R_Grade
Modified

Section view is in direction of traffic.

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



RAMP GRADING

Auxiliary Lane Grading

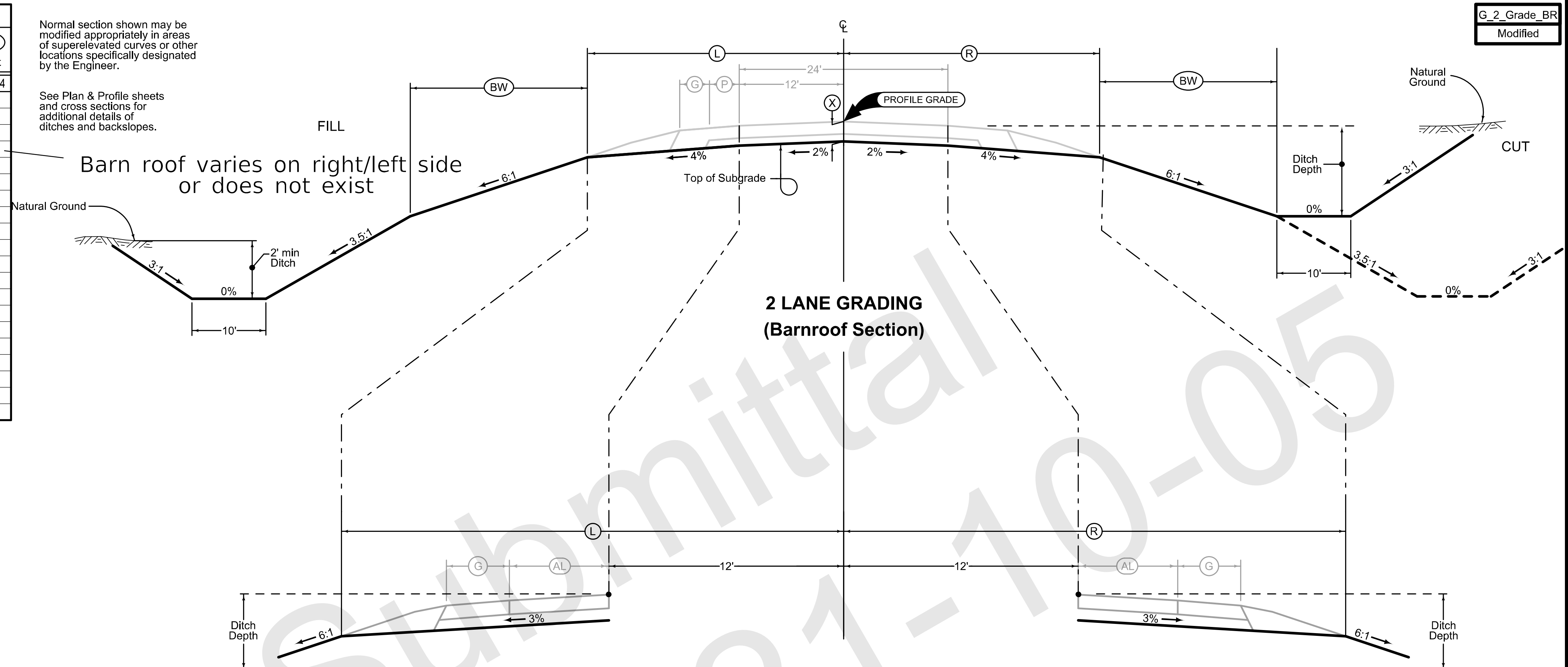
LOCATION			R
ROAD IDENTIFICATION	STATION TO STATION		Feet
NE 126th Ave Ramp A	1588+14.47	1589+34.47	22.57-30.57
NE 126th Ave Ramp A	1589+34.47	1592+84.47	30.57
NE 126th Ave Ramp B	2525+54.98	2526+74.98	22.57-30.57
NE 126th Ave Ramp B	2526+74.98	2530+24.98	30.57
IA-210 Ramp A	1603+14.09	1605+05.70	22.57-30.57
IA-210 Ramp A	1605+05.70	1607+84.10	30.57
IA-210 Ramp B	2539+54.77	2540+74.77	22.57-30.57
IA-210 Ramp B	2540+74.77	2544+24.77	30.57

LOCATION			DIMENSIONS			
ROAD IDENTIFICATION	STATION TO STATION		L Feet	R Feet	X Inches	BW Feet
NE 126th Ave	162+50.00	168+13.08	29.7-46.6	29.7-46.6	22	4.8-5.4
NE 126th Ave	174+93.08	178+72.57	46.58	46.58	22	5.42
Bridge and Approaches						
NE 126th Ave	183+98.57	187+79.31	46.58	46.58	22	5.42
NE 126th Ave	194+59.31	200+25.00	46.6-28.3	46.6-28.3	22	5.42
IA-210	1033+50.00	1038+97.89	28.3-46.6	28.3-46.6	22	5.42
IA-210	1045+77.89	1049+59.10	46.58	46.58	22	5.42
Bridge and Approaches						
IA-210	1054+97.10	1058+72.11	46.58	46.58	22	5.42
IA-210	1065+52.11	1071+00.00	46.6-28.3	46.6-28.3	22	5.42

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.

Barn roof varies on right/left side or does not exist



Double check bridge approach stationing--
match with paving typicals..

Auxiliary Lane Grading

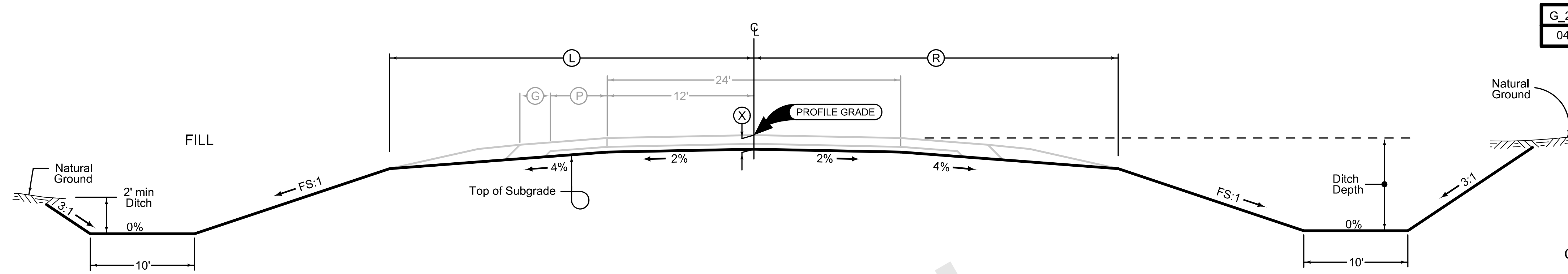
LOCATION			L
ROAD IDENTIFICATION	STATION TO STATION		Feet
NE 126th Ave	187+79.31	192+79.31	54.58
NE 126th Ave	192+79.31	194+59.31	54.58-46.58
IA-210	1058+72.11	1063+72.11	54.58
IA-210	1063+72.11	1065+52.11	54.58-46.58

Auxiliary Lane Grading

LOCATION			R
ROAD IDENTIFICATION	STATION TO STATION		Feet
NE 126th Ave	168+13.08	169+93.08	46.58-54.58
NE 126th Ave	169+93.08	174+93.08	54.58
IA-210	1038+97.89	1040+77.89	46.58-54.58
IA-210	1040+77.89	1045+77.89	54.58
IA-210	1061+93.00	1063+13.00	46.58-54.58
IA-210	1063+13.00	1064+63.00	54.58

LOCATION			DIMENSIONS			
ROAD IDENTIFICATION	STATION TO STATION		L Feet	R Feet	X Inches	FS
142nd Ave	384+00.00	396+00.01	23.819	23.819	22	3
Bridge and Approaches						
142nd Ave	401+11.01	414+00.00	23.819	23.819	22	3
315th St	2124+25.00	2125+83.39	23.819	23.819	22	3
Bridge and Approaches						
315th St	2131+34.39	2135+25.00	23.819	23.819	22	3

G_2_Grade
04-21-20



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

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

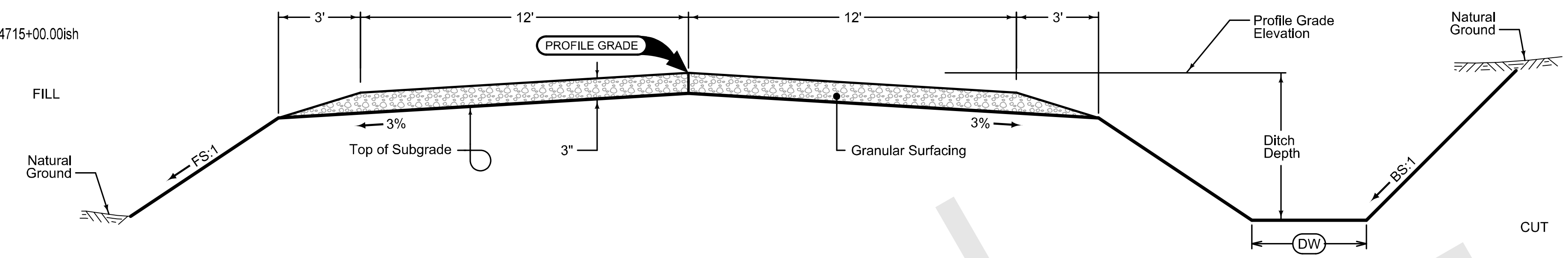
2 LANE GRADING

LOCATION			DIMENSIONS		
ROAD IDENTIFICATION	STATION TO STATION		FS	BS	DW Feet
158th St	4695+00.00	4702+54.98	3	3	5
Bridge and Approaches					
158th St	4706+22.78	4717+00.00	3	3	5

Ditch goes away by 4698+10.00ish

Ditch doesn't appear on both sides until 4715+00.00ish

G_2_GradeGran
10-17-17



GRADING AND GRANULAR SURFACING

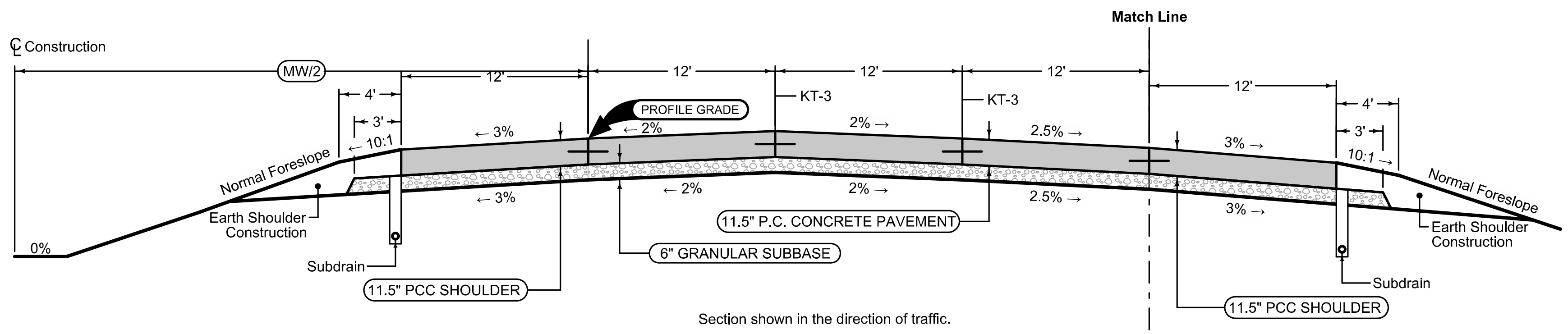
Normal section shown may be modified appropriately in areas of superelevated curves or other locations specifically designated by the Engineer.

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

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
NB	1721+85.91	2255+00.00
SB	1723+24.09	2255+00.00



Section shown in the direction of traffic.

Mainline Jointing:
Transverse joints: CD at 17' spacing

Direction of Travel	BEGIN STATION	END STATION	MW Feet
		6DP_Dprs_ MODIFIED	
NB	1723+38.91	2255+00.00	82
SB	1723+24.09	2255+00.00	82

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
NB	666+25.00	678+98.00
NB	684+97.00	696+20.00
NB	1723+38.91	1756+79.47
NB	1774+00.00	1806+39.85
NB	1825+50.00	1892+73.18
NB	1909+93.71	1952+97.91
NB	1972+08.06	2072+79.47
NB	2090+00.00	2120+89.85
NB	2140+00.00	2255+00.00
SB	667+28.00	679+97.94
SB	683+77.45	698+25.00
SB	1723+24.09	1761+50.00
SB	1780+16.15	1811+99.46
SB	1829+20.53	1906+71.62
SB	1925+94.08	1959+25.00
SB	1976+45.60	2076+00.00
SB	2095+10.15	2126+50.00
SB	2143+70.53	2255+00.00

Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Auxiliary Lane Full Depth Shoulder

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

Direction of Travel	BEGIN STATION	END STATION	AL Feet	P Feet
		4_AuxLane_PCC_ 10-18-16		4_AL_Shldr_FullPCC_ 04-21-20
SB	1761+50.00	1767+50.00	0-12	12-6
SB	1767+50.00	1777+50.00	12	6
SB	1777+50.00	1780+16.15	12-36	6
SB	1812+00.00	1816+20.53	36-12	6
SB	1816+20.53	1826+20.53	12	6
SB	1826+20.53	1829+20.53	12-0	6-12
SB	1906+71.62	1912+71.62	0-12	12-6
SB	1912+71.62	1922+71.62	12	6
SB	1905+73.18	1925+94.08	12-36	6
SB	1959+25.00	1963+45.53	36-12	6
SB	1963+45.53	1973+45.53	12	6
SB	1973+45.53	1976+45.60	12-0	6-12
SB	2076+00.00	2082+00.00	0-12	12-6
SB	2082+00.00	2092+00.00	12	6
SB	2092+00.00	2095+10.15	12-36	6
SB	2126+50.00	2130+70.53	40-12	6
SB	2130+70.53	2140+70.53	12	6
SB	2140+70.53	2143+70.53	12-0	6-12

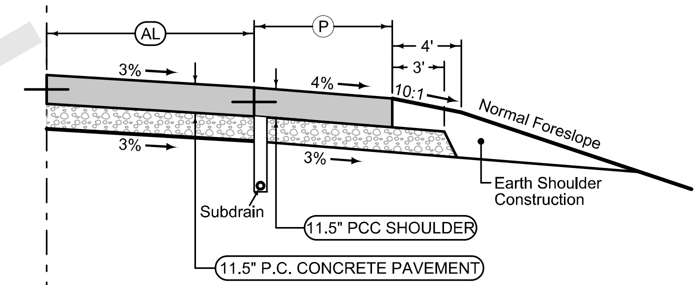
Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Auxiliary Lane Full Depth Shoulder

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

Direction of Travel	BEGIN STATION	END STATION	AL Feet	P Feet
		4_AuxLane_PCC_ 10-18-16		4_AL_Shldr_FullPCC_ 04-21-20
NB	1756+79.47	1759+79.47	0-12	12-6
NB	1759+79.47	1769+79.47	12	6
NB	1769+79.47	1774+00.00	12-40	6
NB	1806+39.85	1809+50.00	36-12	6
NB	1809+50.00	1819+50.00	12	6
NB	1819+50.00	1825+50.00	12-0	6-12
NB	1892+73.18	1895+73.18	0-12	12-6
NB	1895+73.18	1905+73.18	12	6
NB	1905+73.18	1909+93.71	12-40	6
NB	1952+97.91	1956+08.06	36-12	6
NB	1956+08.06	1966+08.06	12	6
NB	1966+08.06	1972+08.06	12-0	6-12
NB	2072+79.47	2075+79.47	0-12	12-6
NB	2075+79.47	2085+79.47	12	6
NB	2085+79.47	2090+00.00	12-40	6
NB	2120+89.85	2124+00.00	40-12	6
NB	2124+00.00	2134+00.00	12	6
NB	2134+00.00	2140+00.00	12-0	6-12



See Tab 100-24 for pavement quantities.

See Tab 112-9 for shoulder quantities.

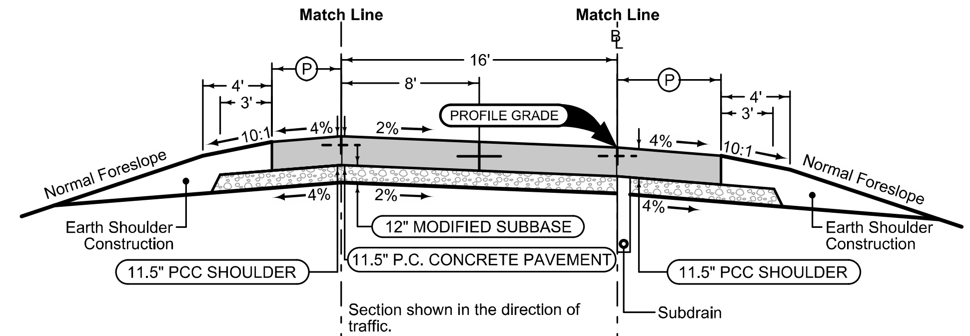
INTERSTATE 35

Full Depth PCC Shoulder

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

LOCATION				
INTERCHANGE	RAMP	BEGIN STATION	END STATION	(P) Feet
I-35 / NE 126th Ave	A	1574+00.00	1593+86.10	4
	B	2512+00.00	2531+26.61	4
	C	3492+69.24	3506+40.87	4
	D	4564+17.16	4574+41.09	4
I-35 / IA-210	A	1590+00.00	1608+85.19	4
	B	2526+50.00	2545+29.26	4
	C	3507+79.76	3520+90.87	4
	D	4575+21.67	4588+90.87	4
I-35 / Rest Area	A	1509+93.71	1514+00.00	4
	B	2959+25.00	2563+00.00	4
	C	xxxx+xx.xx	xxxx+xx.xx	4
	D	4516+99.33	4519+51.43	4

check rest area ramp C when linework finished



Section shown in the direction of traffic.

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

LOCATION		1RP_ 10-17-17	
INTERCHANGE	RAMP	BEGIN STATION	END STATION
I-35 / NE 126th Ave	A	1574+00.00	1593+86.10
	B	2512+00.00	2531+26.61
	C	3492+69.24	3506+40.87
	D	4561+27.81	4574+41.09
I-35 / IA-210	A	1590+00.00	1608+85.19
	B	2526+50.00	2545+29.26
	C	3507+75.47	3520+90.87
	D	4575+18.85	4588+90.87
I-35 / Rest Area	A	1509+93.71	1514+00.00
	B	2959+25.00	2563+00.00
	C	xxxx+xx.xx	xxxx+xx.xx
	D	4516+99.33	4519+51.43

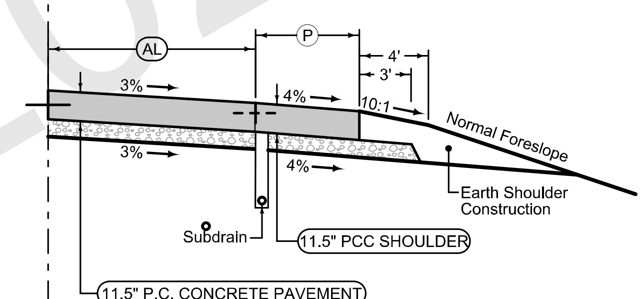
check rest area ramp C when linework finished

Full Depth PCC Shoulder

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

LOCATION				
INTERCHANGE	RAMP	BEGIN STATION	END STATION	(P) Feet
I-35 / NE 126th Ave	A	1574+00.00	1588+14.47	6
	A	1592+84.47	1593+86.10	6
	B	2512+00.00	2525+54.98	6
	B	2530+24.98	2531+26.61	6
	C	3492+69.24	3506+40.87	6
	D	4561+27.81	4574+41.09	6
I-35 / IA-210	A	1590+00.00	1603+14.09	6
	A	1607+84.09	1608+85.19	6
	B	2526+50.00	2539+54.77	6
	B	2544+24.77	2545+29.26	6
	C	3507+75.47	3520+91.08	6
	D	4575+18.85	4588+91.08	6
I-35 / Rest Area	A	1509+93.71	1514+00.00	6
	B	2559+25.00	2563+00.00	6
	C	xxxx+xx.xx	xxxx+xx.xx	6
	D	4516+99.33	4519+51.43	6

check rest area ramp C when linework finished



Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Auxiliary Lane Full Depth PCC Shoulder

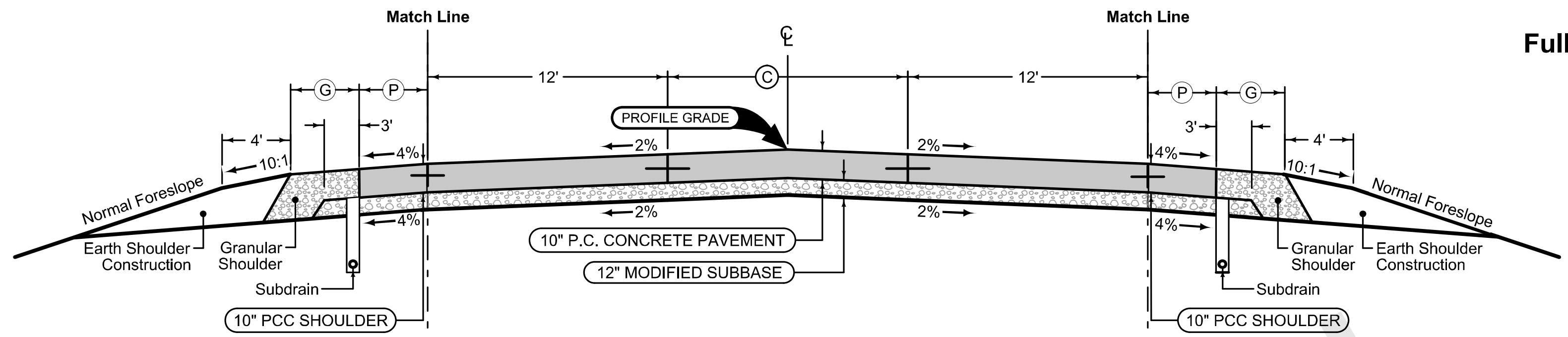
Shoulder Jointing:
Longitudinal joint: L-2 or KT-2
Transverse joints: C at 17' spacing

LOCATION		2_AuxLane_PCC_ 10-18-16			2_AL_Shldr_ALT_ 04-21-20
INTERCHANGE	RAMP	STATION TO STATION		(AL) Feet	(P) Feet
I-35 / NE 126th Ave	A	1588+14.47	1589+34.47	0-8	6
	A	1589+34.47	1592+84.47	8	6
	B	2525+54.98	2526+74.98	0-8	6
	B	2526+74.98	2530+24.98	8	6
I-35 / IA-210	A	1603+14.09	1604+34.09	0-8	6
	A	1604+34.09	1607+84.09	8	6
	B	2539+54.77	2540+74.77	0-8	6
	B	2540+74.77	2544+24.77	8	6

See Tab 100-24 for pavement quantities.

See Tab 112-9 for shoulder quantities.

INTERCHANGE RAMPS



Full Depth PCC Combination Shoulder

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

2_C_FullPCC_ 04-21-20			
STATION TO STATION		P Feet	G Feet
NE 126th Ave			
162+50.00	174+15.16	6	4
176+34.70	178+72.57		
Bridge and Approaches			
183+98.57	186+13.62	6	4
194+59.31	200+25.00	6	4
IA-210			
1033+50.00	1045+05.37		
1047+26.74	1049+59.10	6	4
Bridge and Approaches			
1054+97.10	1057+06.37	6	4
1065+52.11	1071+00.00	6	4

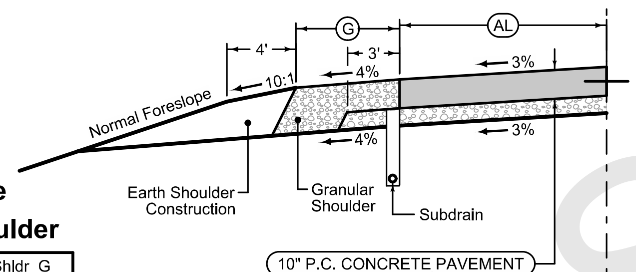
Full Depth PCC Combination Shoulder

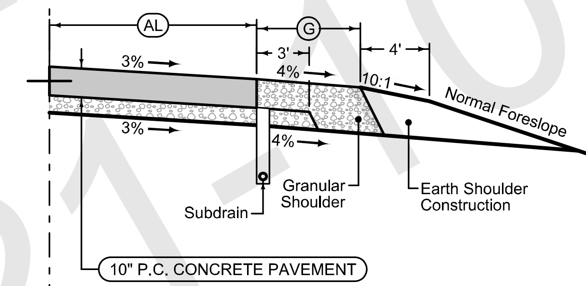
Shoulder Jointing:
Longitudinal joint: L-2 or KT-2
Transverse joints: C at 17' spacing

2_C_FullPCC_ 04-21-20			
STATION TO STATION		P Feet	G Feet
NE 126th Ave			
162+50.00	168+13.08	6	4
176+58.75	178+72.57	6	4
Bridge and Approaches			
183+98.57	186+36.43	6	4
188+55.97	200+25.00	6	4
IA-210			
1033+50.00	1038+97.89	6	4
1047+43.71	1049+59.10	6	4
Bridge and Approaches			
1054+97.10	1057+29.47	6	4
1059+49.32	1061+93.00	6	4
1064+63.00	1071+00.00	6	4

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

2P_TWLTL_ 04-21-20		
STATION TO STATION		C Feet
NE 126th Ave		
162+50.00	162+59.54	0
162+59.54	168+00.00	0-16
168+00.00	178+72.57	16
Bridge and Approaches		
183+98.57	194+75.00	16
194+75.00	200+15.46	16-0
200+15.46	200+25.00	0
IA-210		
1033+50.00	1033+54.54	0
1033+54.54	1038+95.00	0-16
1038+95.00	1049+59.10	16
Bridge and Approaches		
1054+97.10	1065+55.16	16
1065+55.16	1070+95.46	16-0
1070+95.46	1071+00.00	0





Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Auxiliary Lane Granular Shoulder

2_AuxLane_PCC_ 10-18-16			2_AL_Shldr_G_ 04-21-20
STATION TO STATION		AL Feet	G Feet
NE 126th Ave			
187+79.31	192+79.31	12	4
192+79.31	194+59.31	12-0	4
IA-210			
1058+72.11	1063+72.11	12	4
1063+72.11	1065+52.11	12-0	4

Auxiliary Lane

Longitudinal joint: L or KT
Transverse joint: Match Mainline

Auxiliary Lane Granular Shoulder

2_AuxLane_PCC_ 10-18-16			2_AL_Shldr_G_ 04-21-20
STATION TO STATION		AL Feet	G Feet
NE 126th Ave			
168+13.08	169+93.08	0-12	4
169+93.08	174+93.08	12	4
IA-210			
1038+97.89	1040+77.89	0-12	4
1040+77.89	1045+77.89	12	4
1061+93.00	1063+13.00	0-12	4
1063+13.00	1064+63.00	12	4

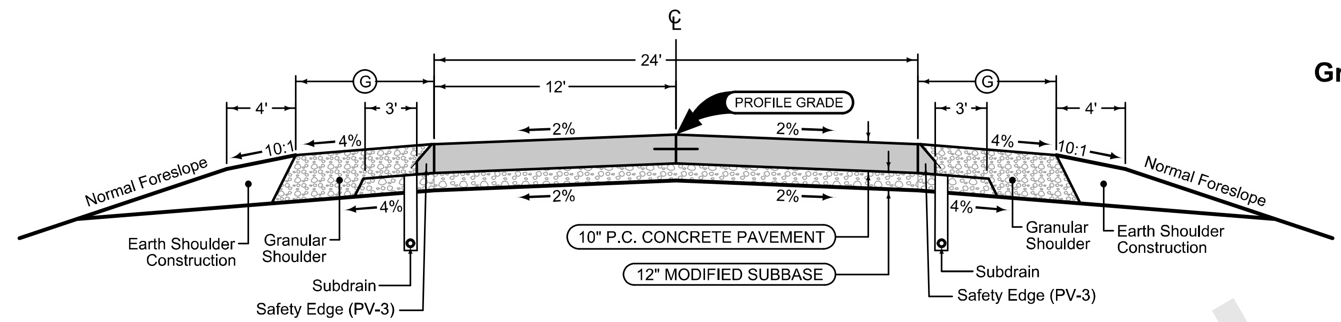
See Tab 100-24 for pavement quantities.

See Tab 112-9 for shoulder quantities.

126th Street & IA 210

Granular Shoulder with Safety Edge

2_G_ 04-21-20		
STATION TO STATION		G Feet
384+00.00	396+57.26	5
Bridge and Approaches		
400+48.76	414+00.00	5



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

2P_ 04-21-20	
STATION TO STATION	
384+00.00	396+57.26
Bridge and Approaches	
400+48.76	414+00.00

Granular Shoulder with Safety Edge

2_G_ 04-21-20		
STATION TO STATION		G Feet
384+00.00	396+57.26	5
Bridge and Approaches		
400+48.76	414+00.00	5

See Tab 100-24 for pavement quantities.

See Tab 112-9 for shoulder quantities.

142nd Street

SURVEY SYMBOLS

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

Septic Tank
(C) Cistern
(LP) L.P. Gas Tank (No Footing)
(UST) Underground Storage Tank
Latrine
Satellite TV Dish
WHU Water Hook Up
RT Radio Tower
TA Tower Anchor
Guardrail (Beam or Cable)
GP Guard Post (one or two)
Guard Post (over two)
FP Filler Pipe
GV Gas Valve
WV Water Valve
SL Speed Limit Sign
MM Mile Marker Post
SIGN Sign
TCB Traffic Signal Control Box
RRB Rail Road Signal Control Box
TSB Telephone Switch Box
EB Electric Box

UTILITY LEGEND

This is a POINT 25 Project and is subject to the provisions of IAC 761-115.25.

- E1 - Consumers Energy
Kevin Peterson
2074 242nd St.
Marshalltown, IA 50158-1058
(641) 485-0702
kpeterson@consumersenergy.net

- E2 - MidAmerican Energy Company
Jordan Hohensee
3500 104th Street
Urbandale, IA 50322
(515) 242-4235
jordan.hohensee@midamerican.com

- E3 - Alliant Energy
Mary Montgomery
PO Box 351
Cedar Rapids, IA 52406-9874
(319) 786-4768
MaryMontgomery@alliantenergy.com

- E4 - Iowa Department of Transportation
Jason Dale
800 Lincoln Way
Ames, IA 50010
(515) 239-1995
Jason.Dale@iowadot.us

- FO - Windstream Communications
Luke Niles
4001 N. Rodney Parham Rd
Little Rock, AR 72212
(501) 748-5893
luke.t.niles@windstream.com

-FO2- Huxley Communications Cooperative
Brant Strumpfer
102 N Main Ave
Huxley, IA 50010
(515) 597-2281
brant@huxleycommunications.net

-FO3- Unite Private Networks
Clark Lundy
2320 Wakonda View Dr.
Des Moines, IA 50321
(515) 321-3336
clark.lundy@upnfiber.com

-FO4- Iowa Communications Network
Mike Broderick
400 E 14th St, Grimes State Office Building
Des Moines, IA 50319
(515) 725-4610
Mike.Broderick@iowa.gov

- G - Northern Natural Gas Company
Jason Godwin
1120 Centre Pointe Dr., Ste. 400
Mendota Heights, MN 55120
(651) 456-1711
jason.godwin@nngco.com

- G2 - MidAmerican Energy Company
Jordan Hohensee
3500 104th Street
Urbandale, IA 50322
(515) 242-4235
jordan.hohensee@midamerican.com

-San.2- ANKENY
Donald Clark
220 W. 1st Street
Ankeny, IA 50023
(515) 963-3529
dclark@ankenyiowa.gov

-W- Des Moines Water Works
Carla Schumacher
2201 George Flagg Pkwy
Des Moines, IA 50321
(515) 323-6227
cschumacher@dmww.com

-W2- Xenia Rural Water District
Kevin Lyons
23998 - 141st Street
Bouton, IA 50039
(515) 676-2117
klyons@xeniawater.org

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
Yellow	(68)	Proposed Shoulder, Paved Full Depth
Yellow	(132)	Proposed Shoulder, Paved Partial Depth
Orange	(70)	Proposed Shoulder, Granular
Yellow	(220)	Proposed Entrance, Paved
Orange	(134)	Proposed Entrance, Granular
Red	(3)	Proposed Structures

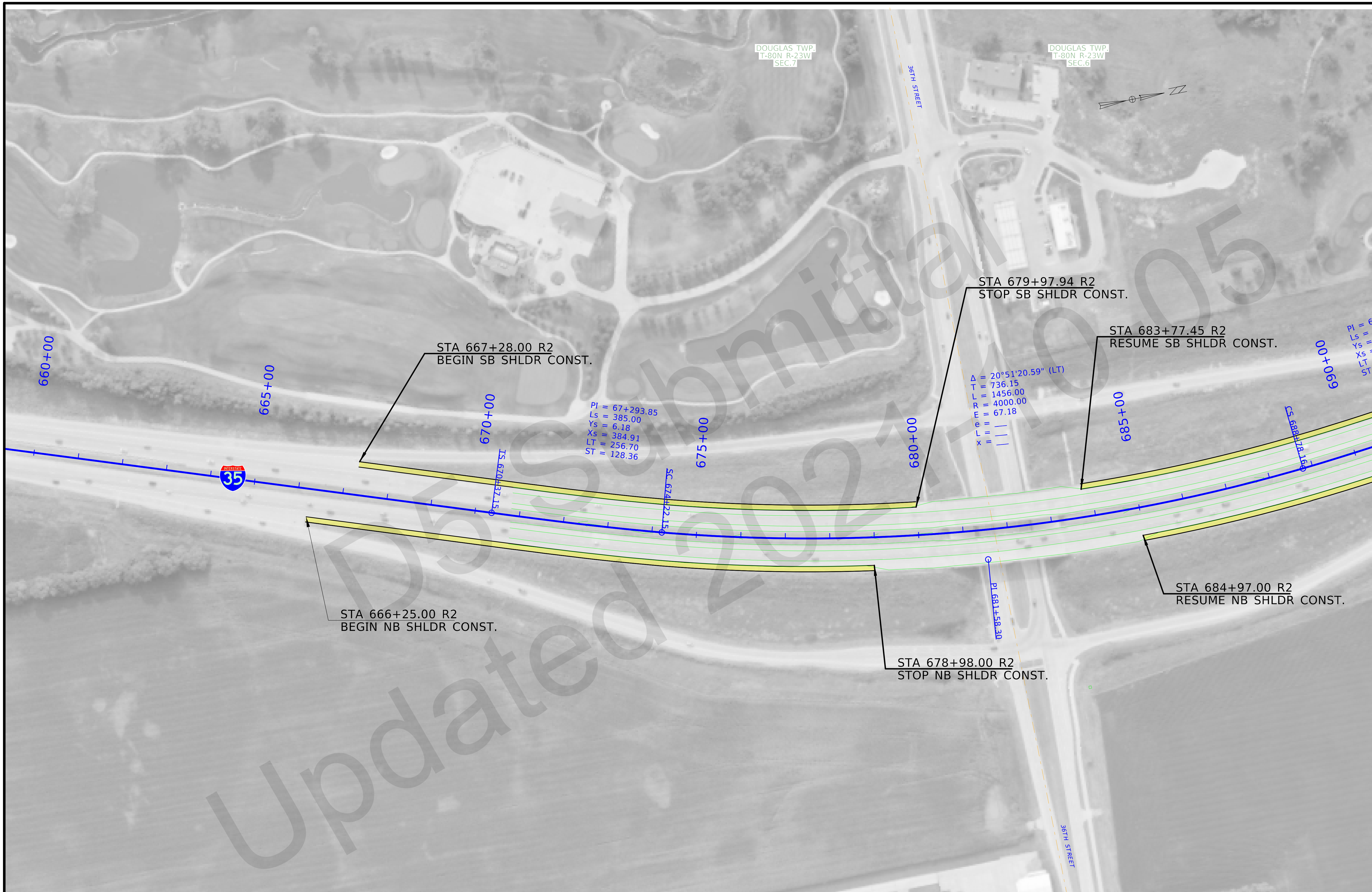
PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.	
Green	(2)	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

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



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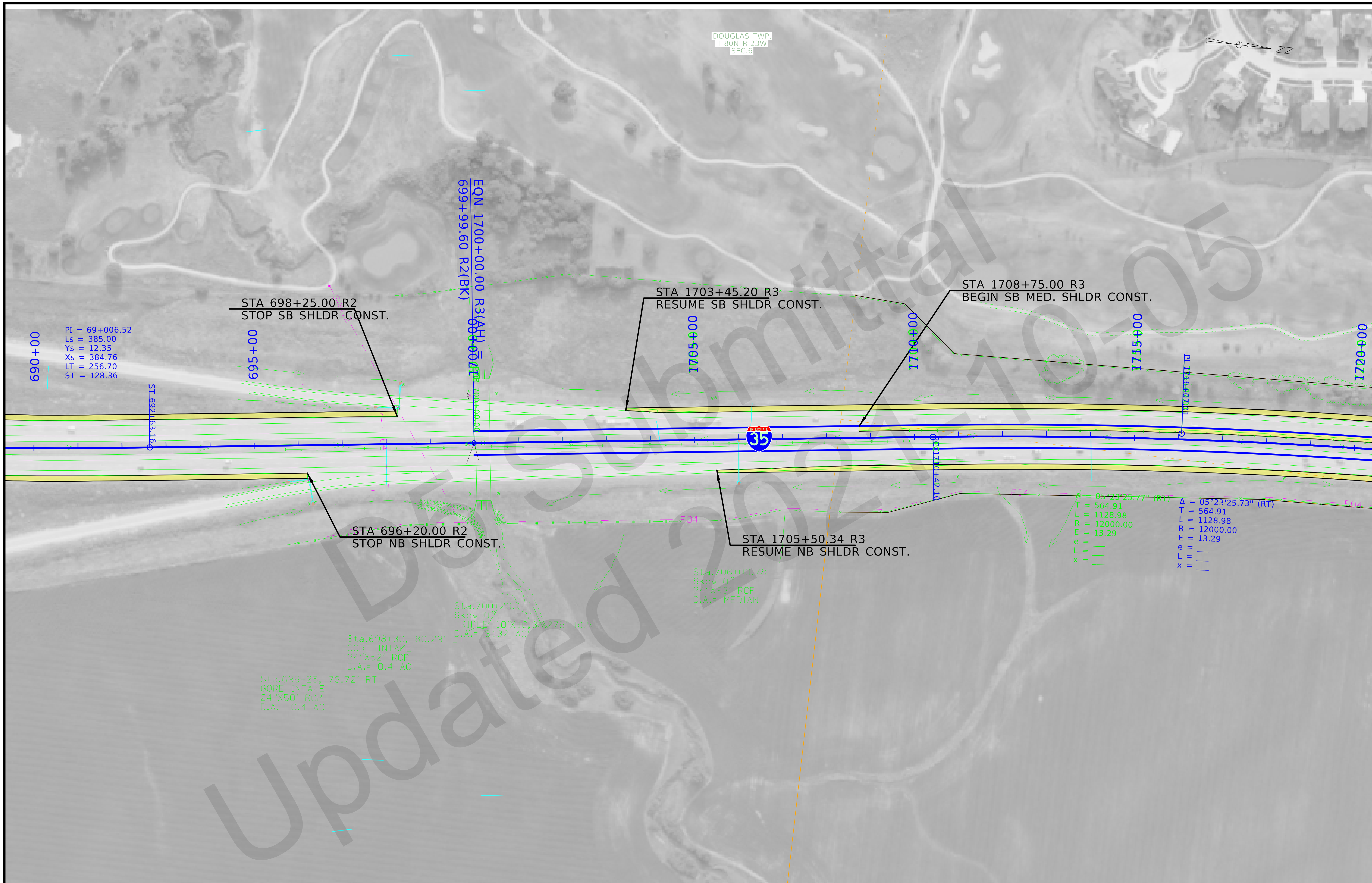

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.5

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER	IM-035-4(309)95--13-77	SHEET NUMBER	D.6

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.7

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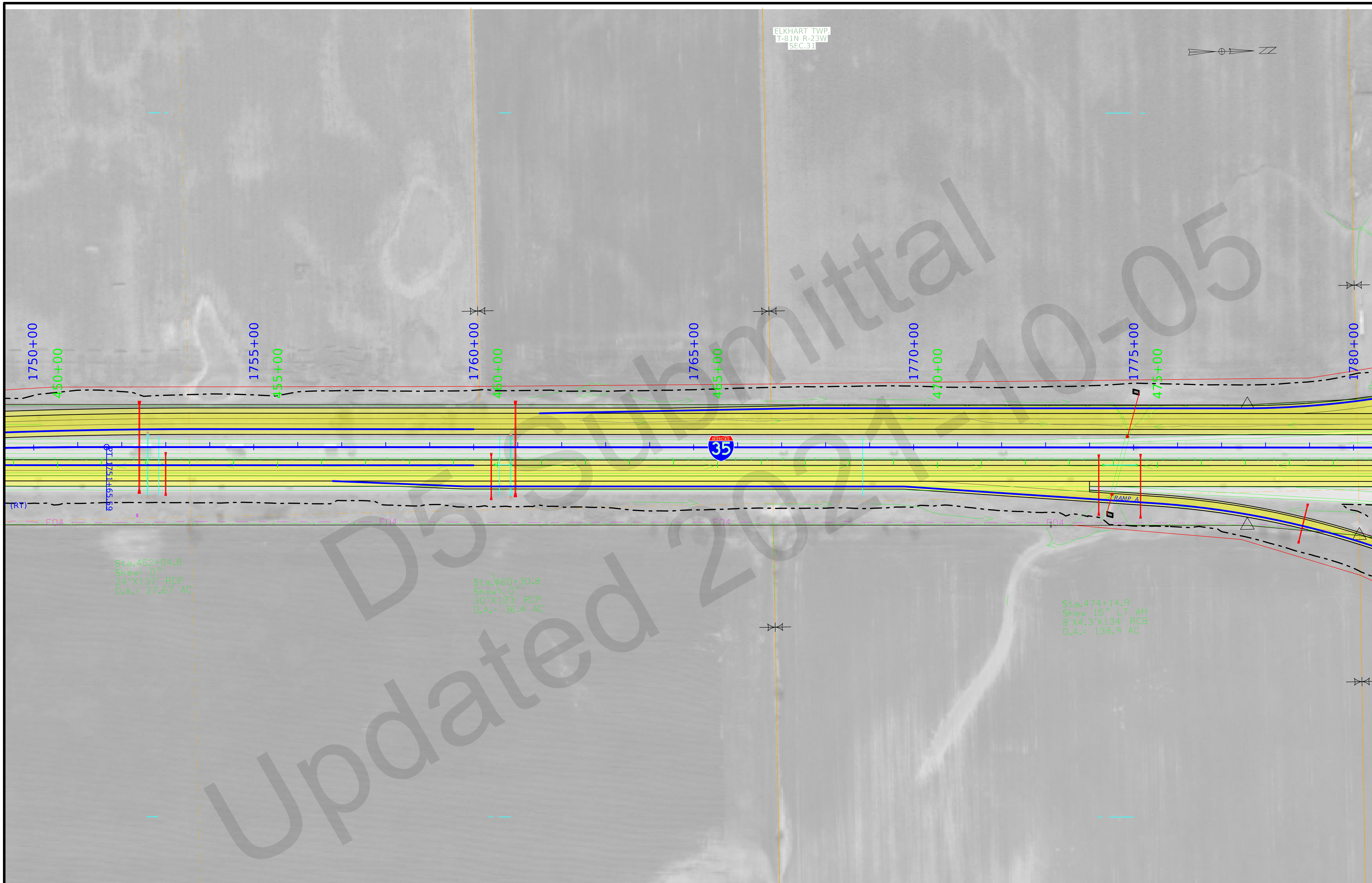

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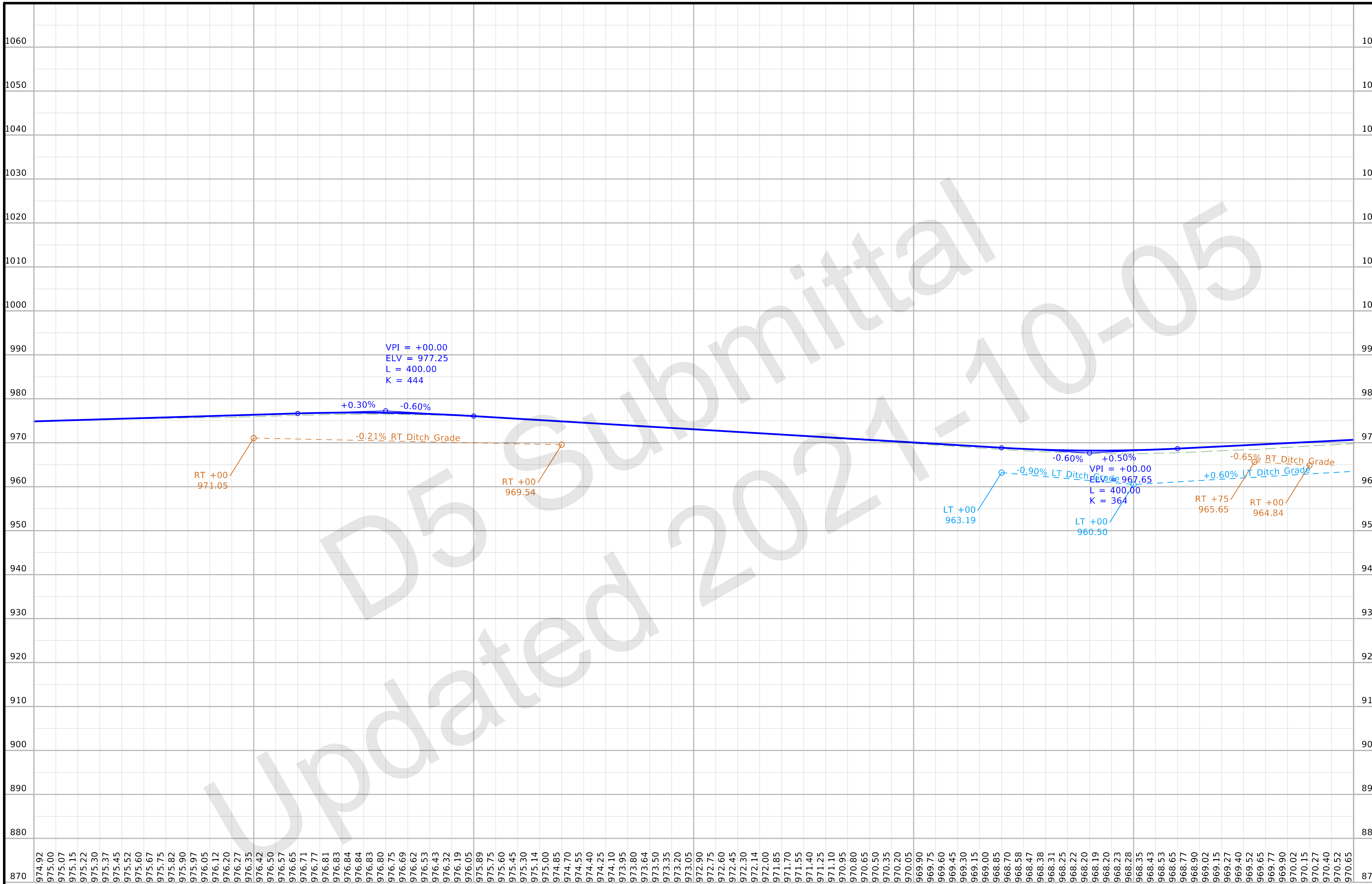

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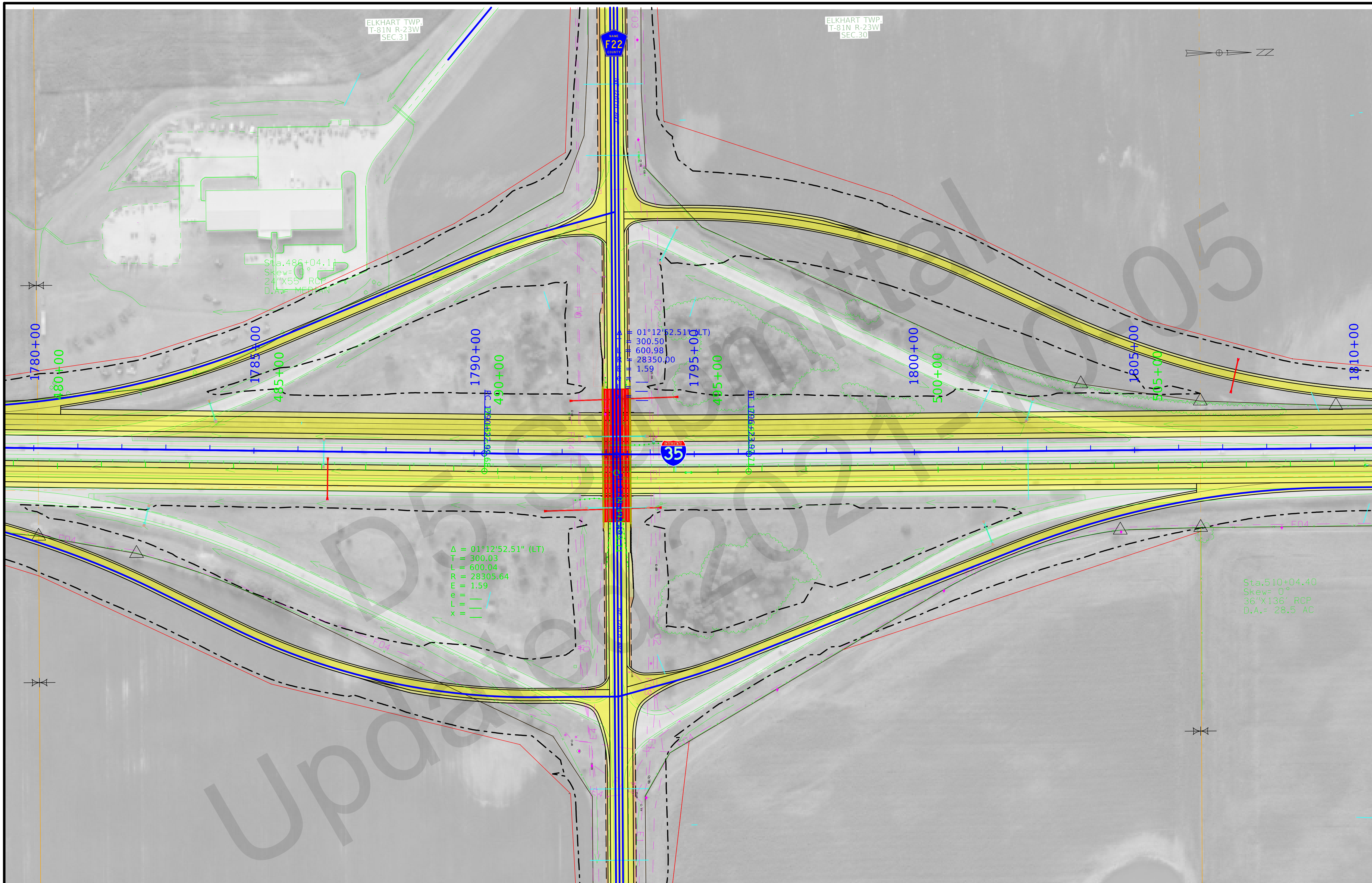

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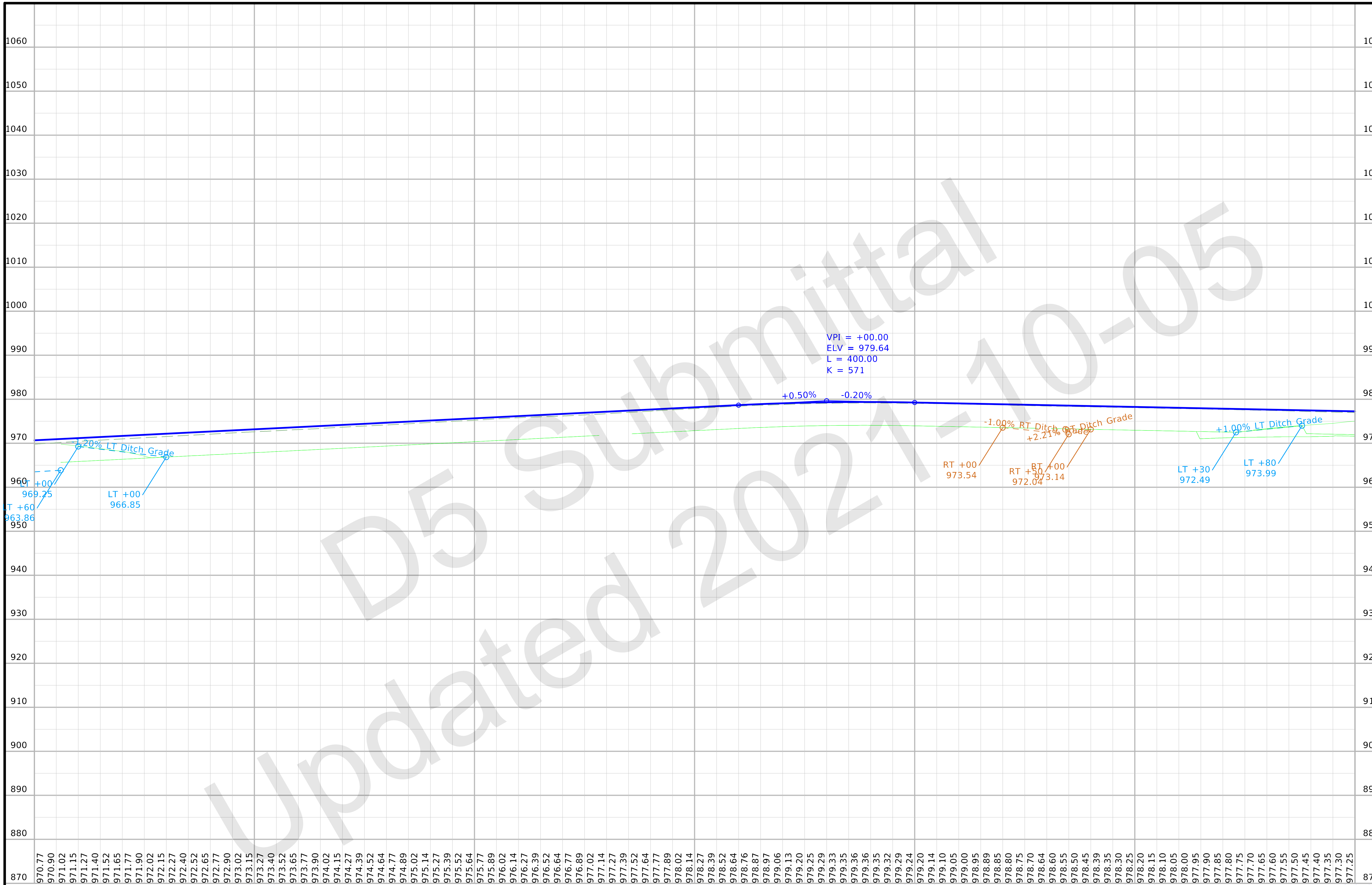

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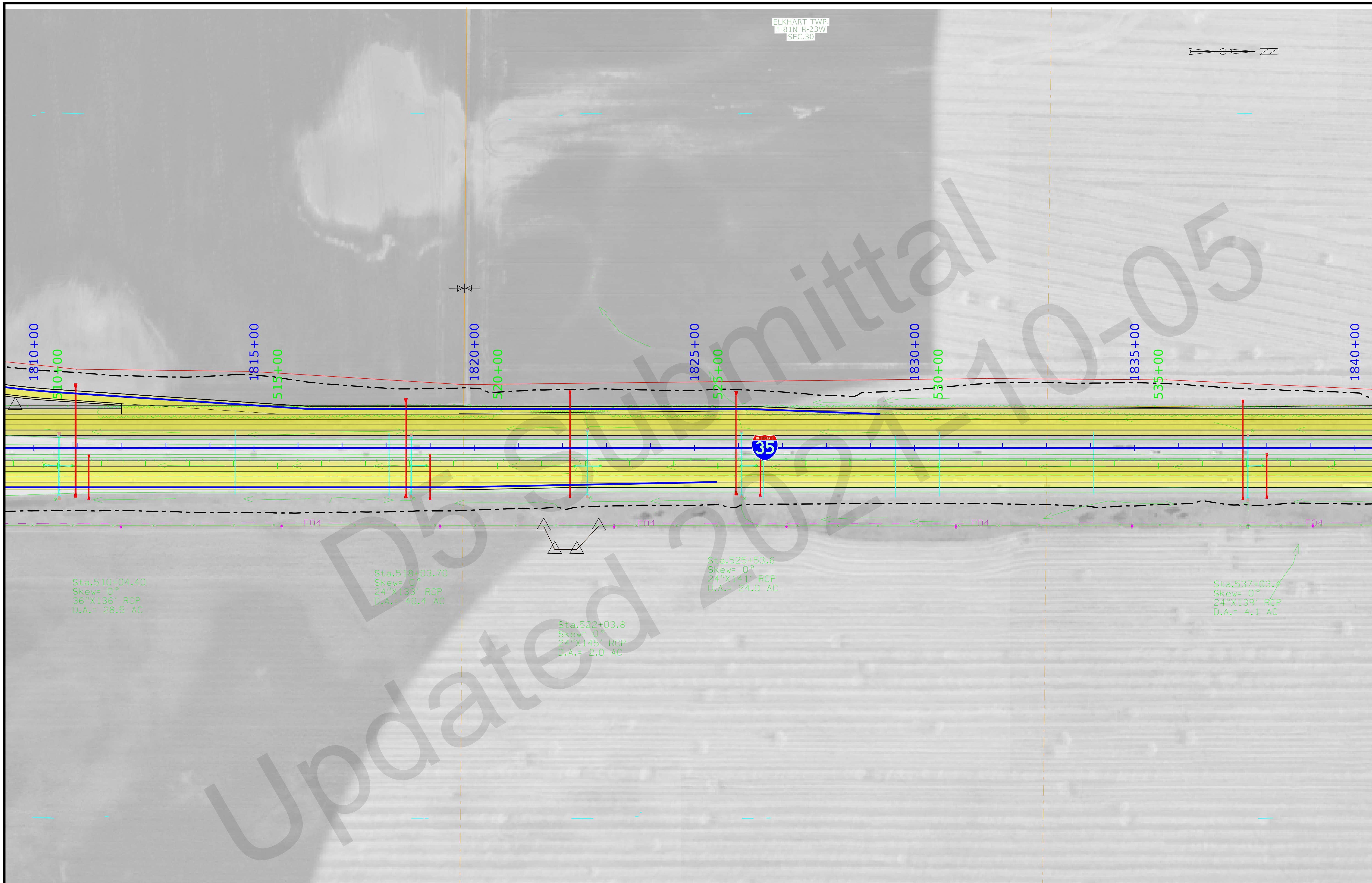

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.13

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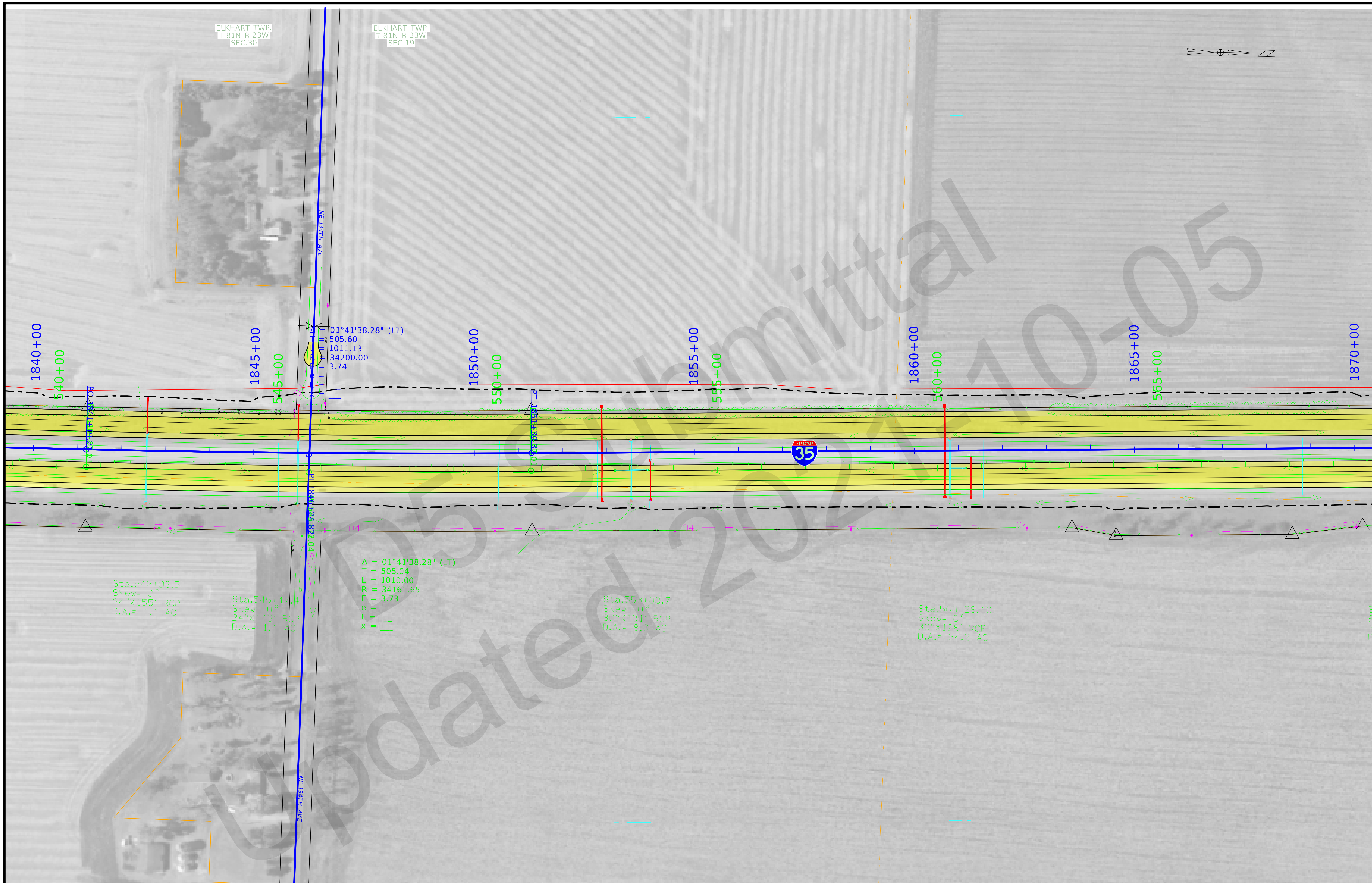

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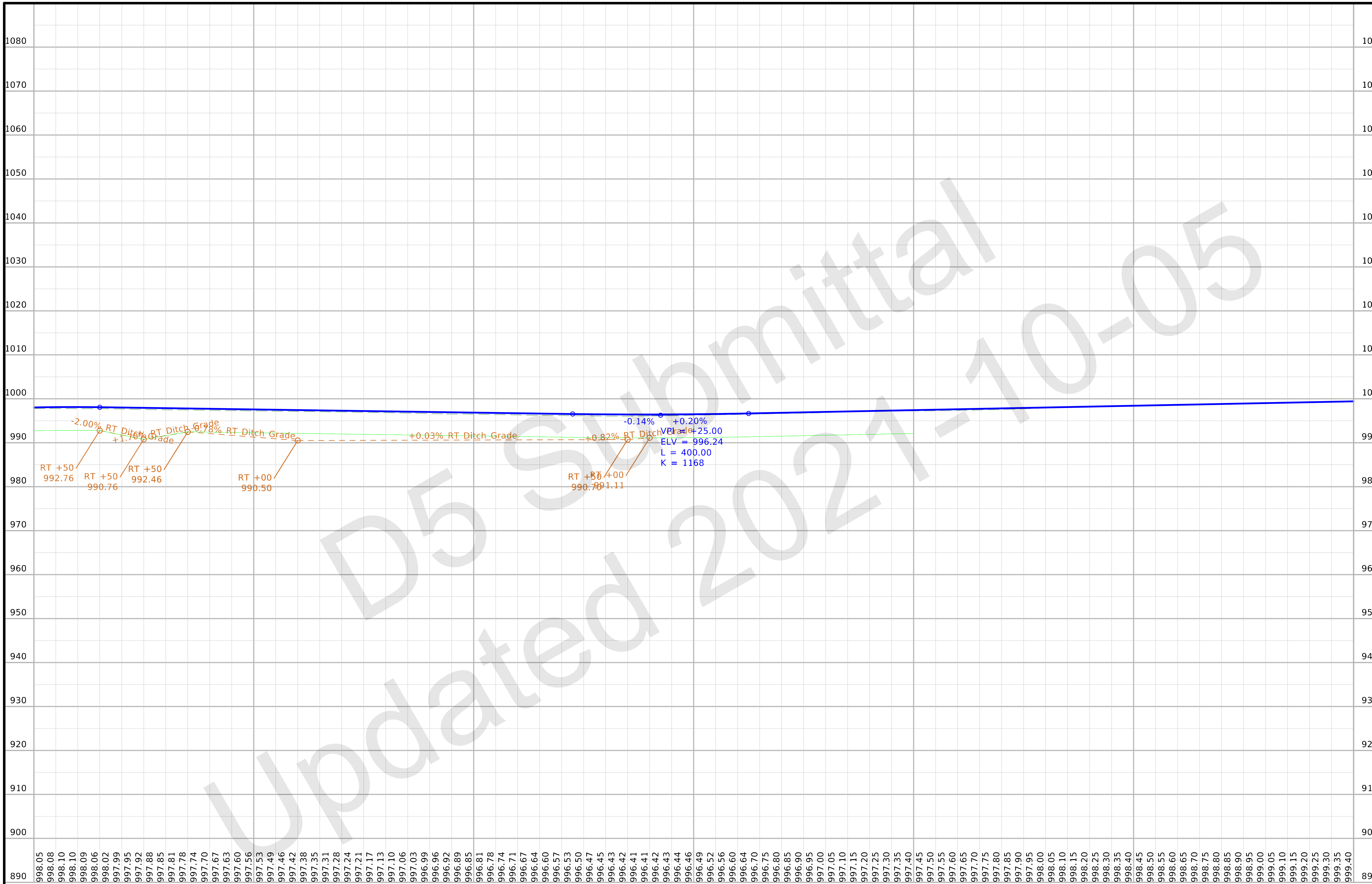

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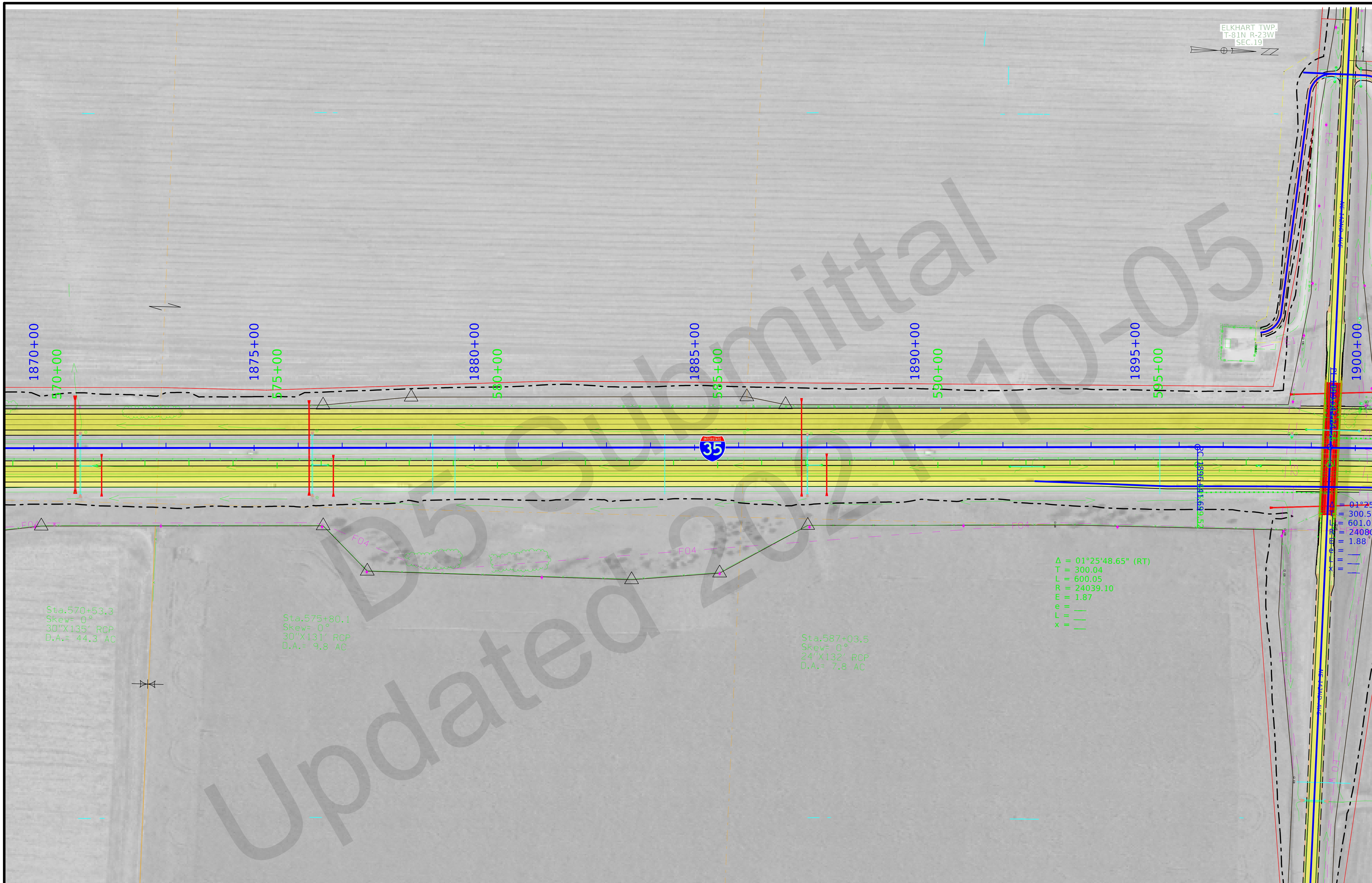

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.16

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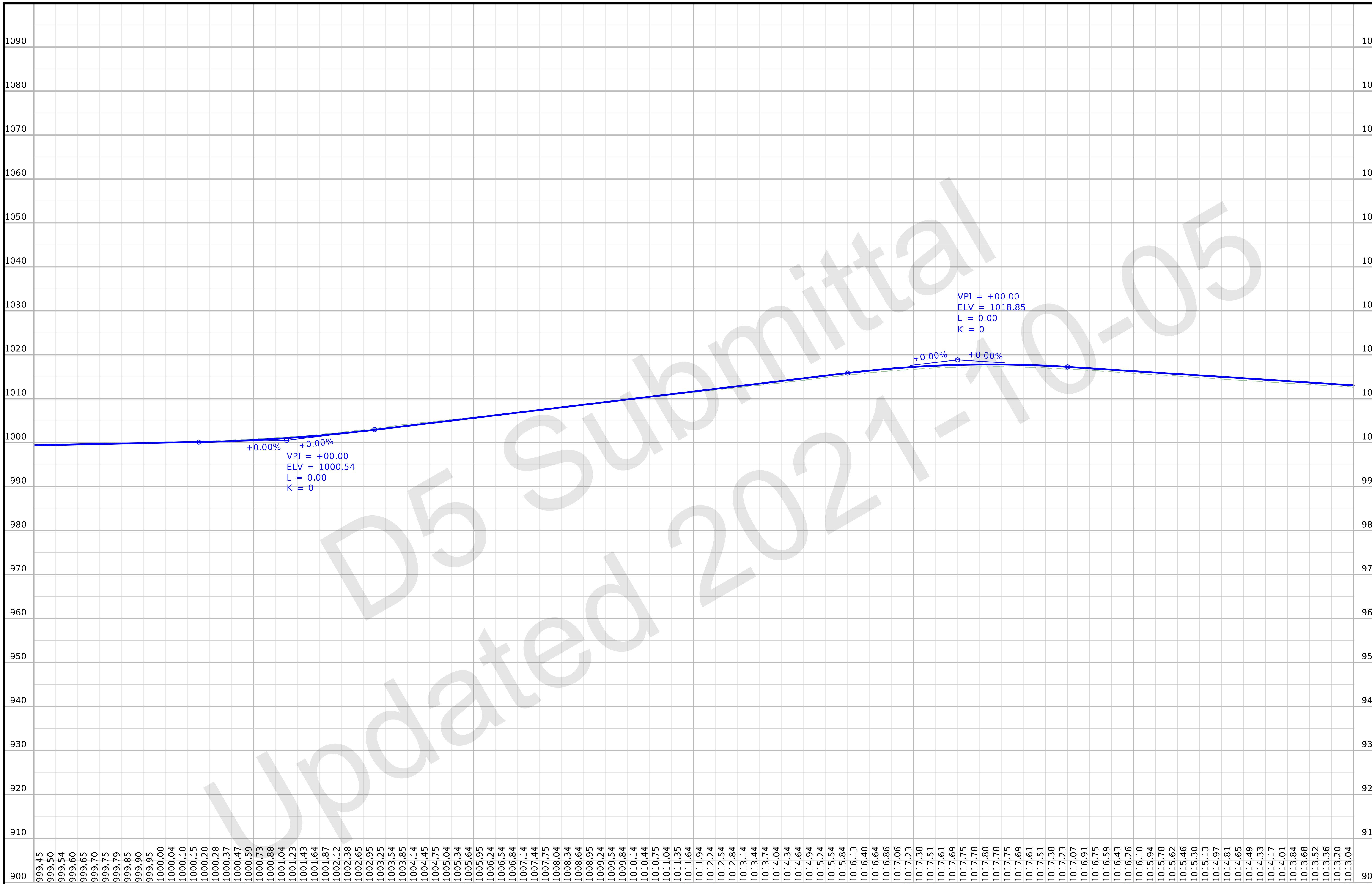

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.17

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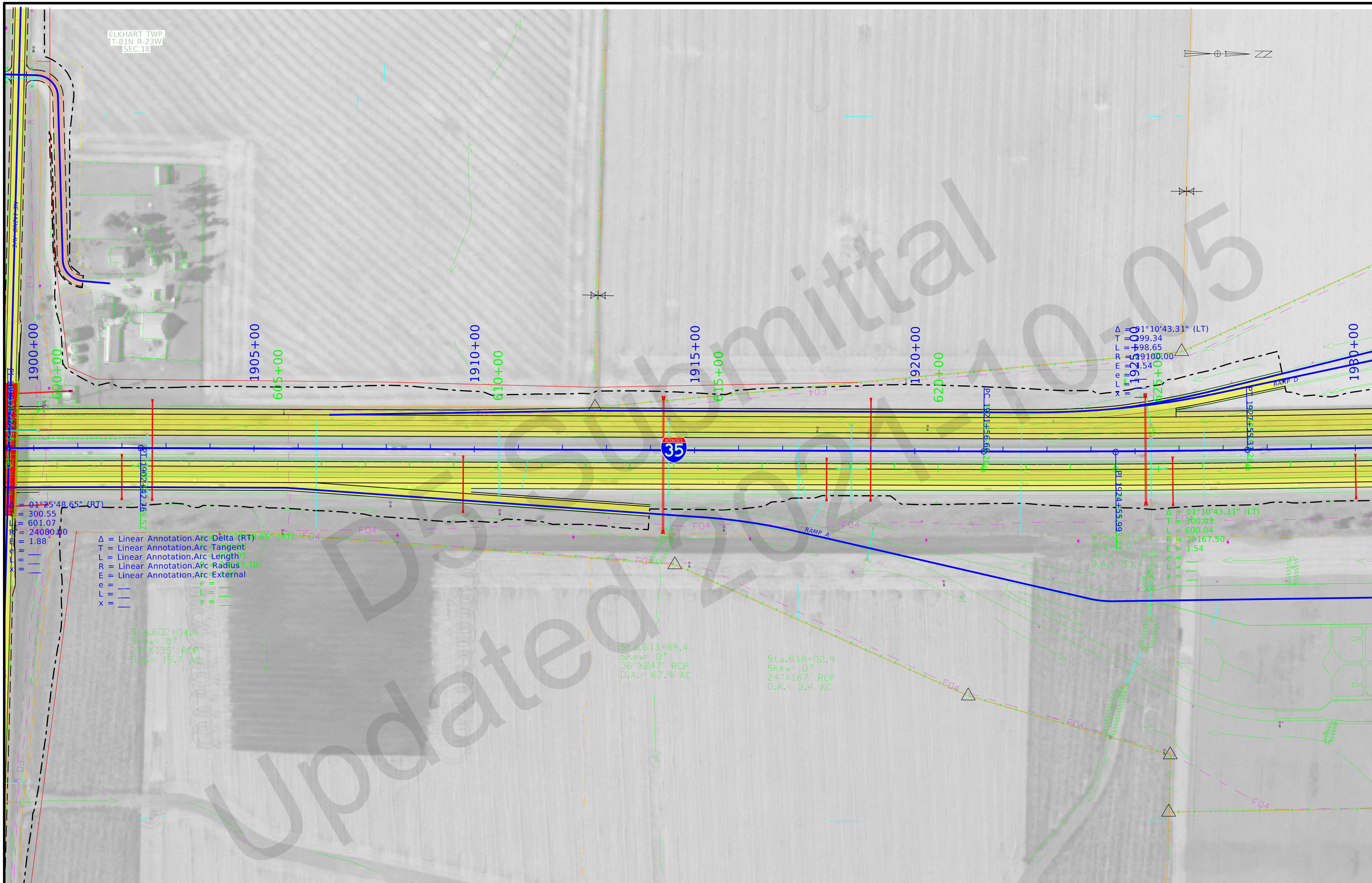

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.18

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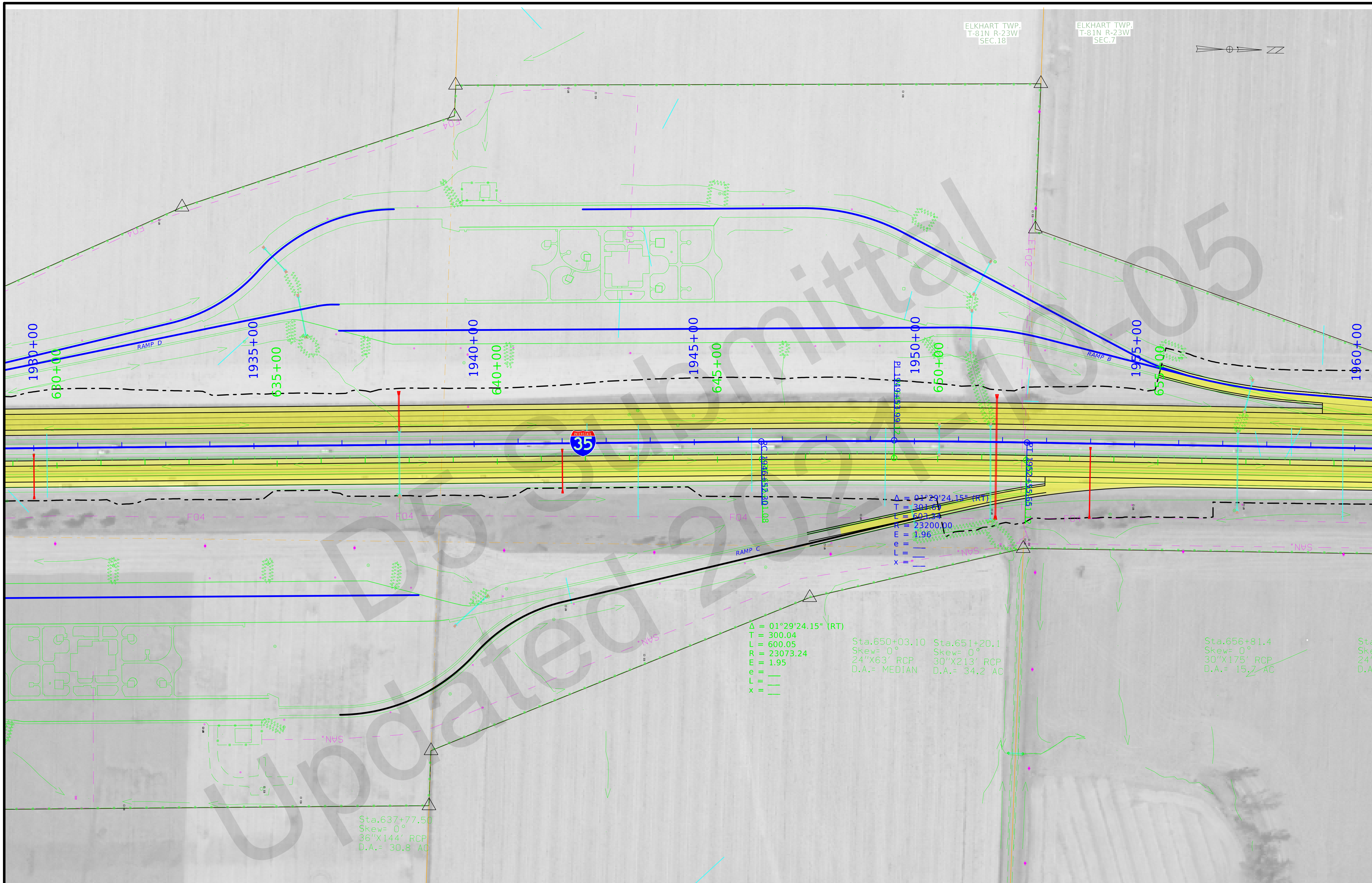
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.19

12:03:26 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



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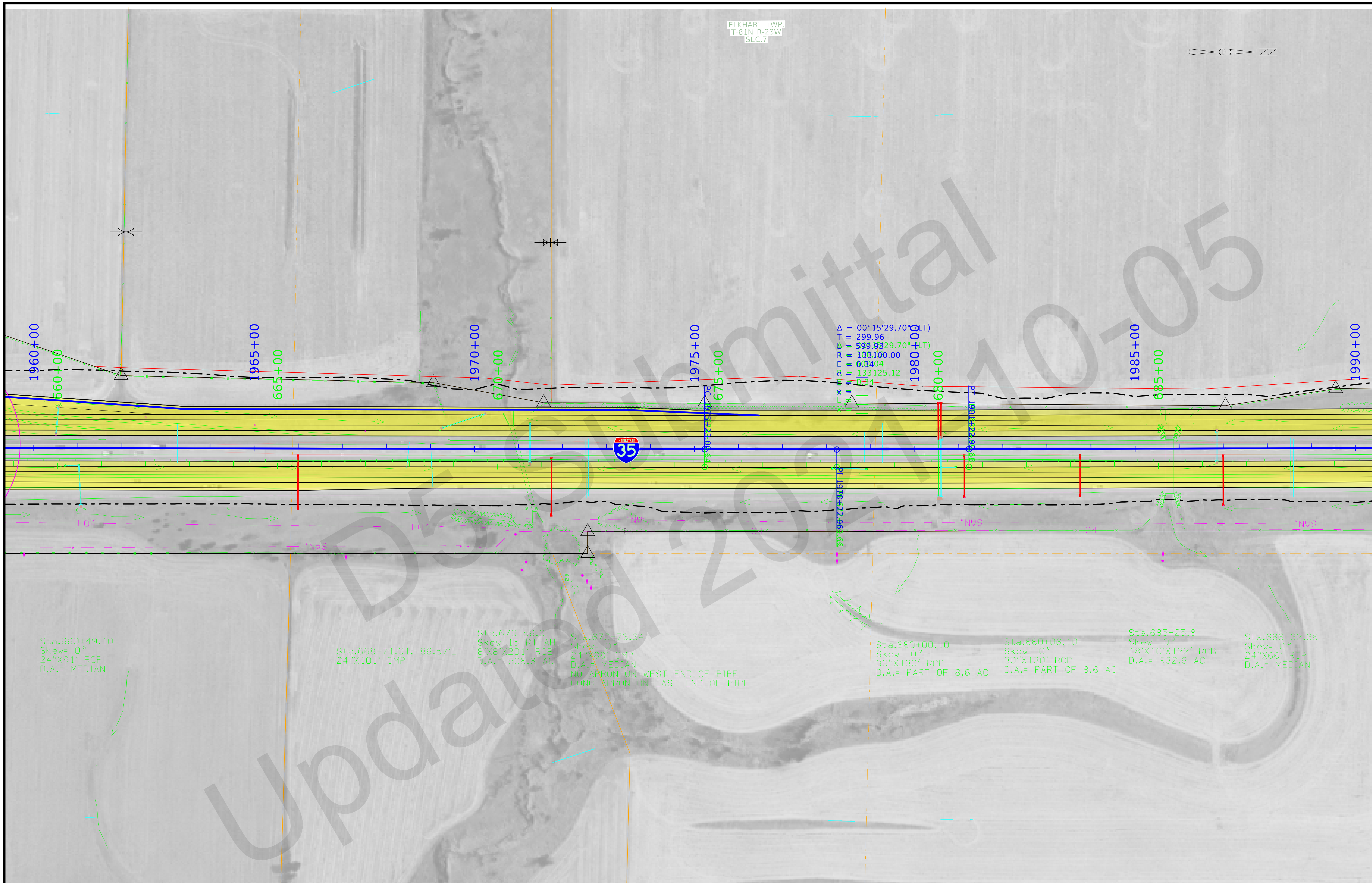
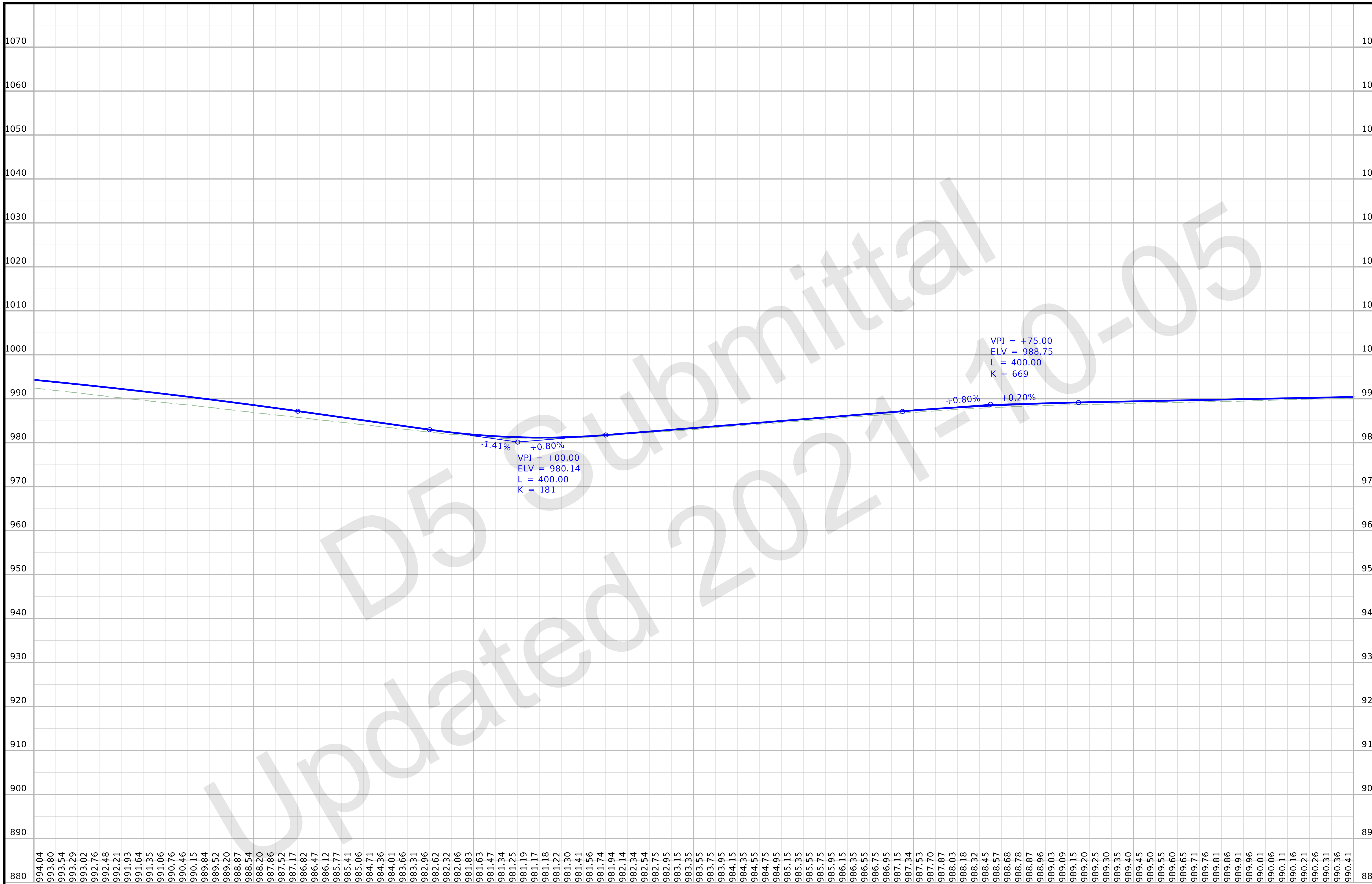
12:03:52 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.21



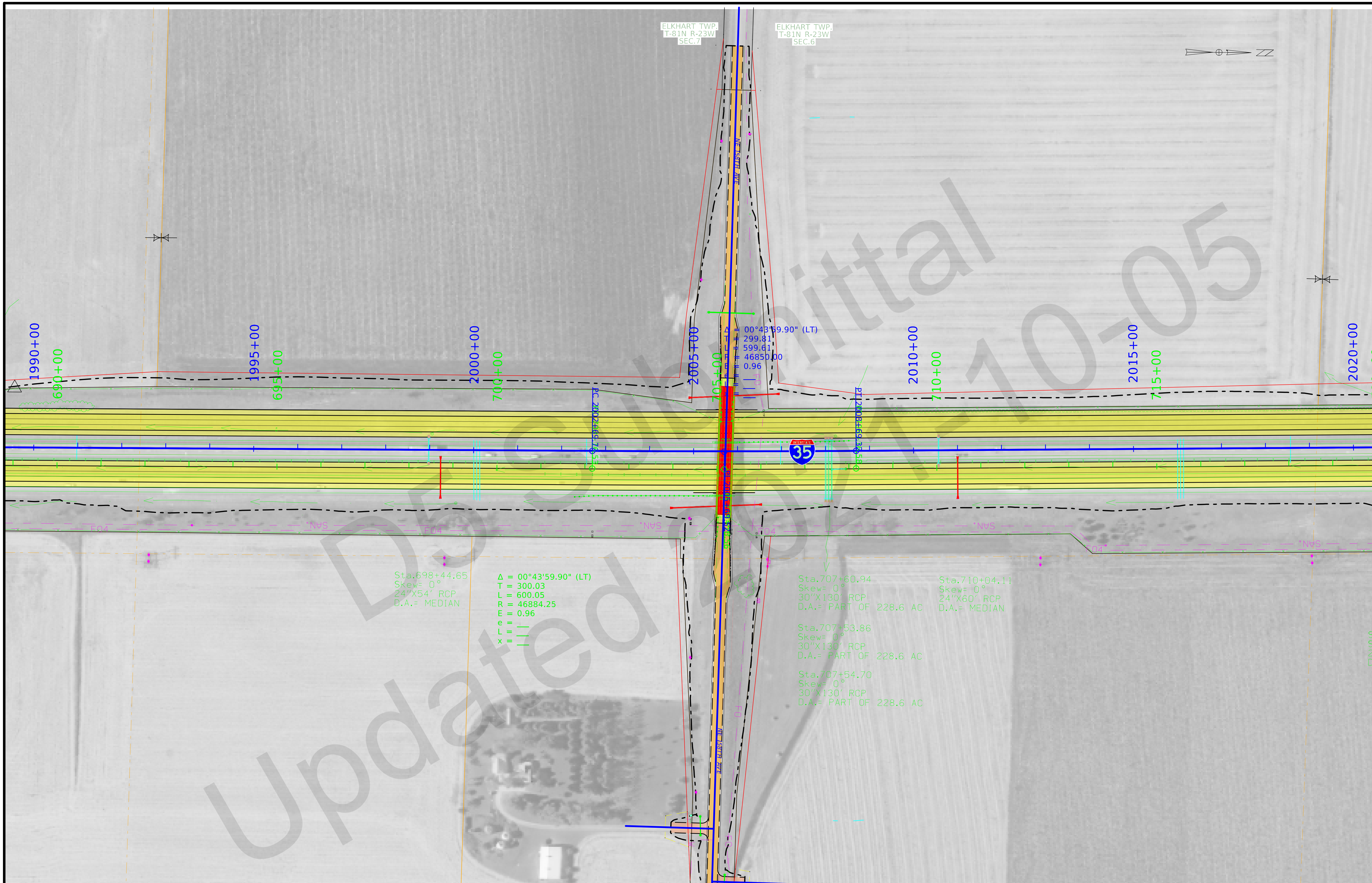
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.22

12:04:13 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.23

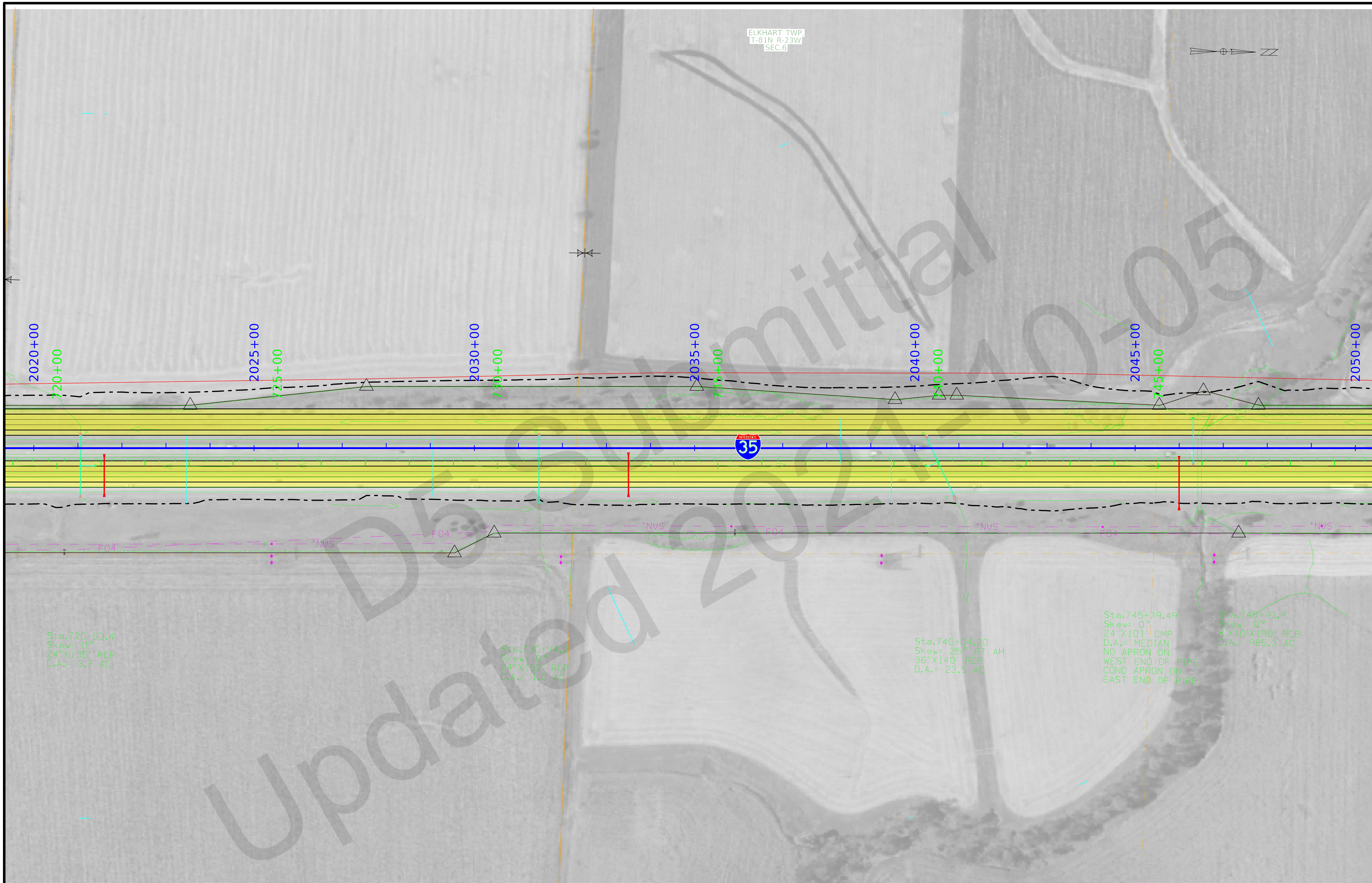
12:04:14 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.24

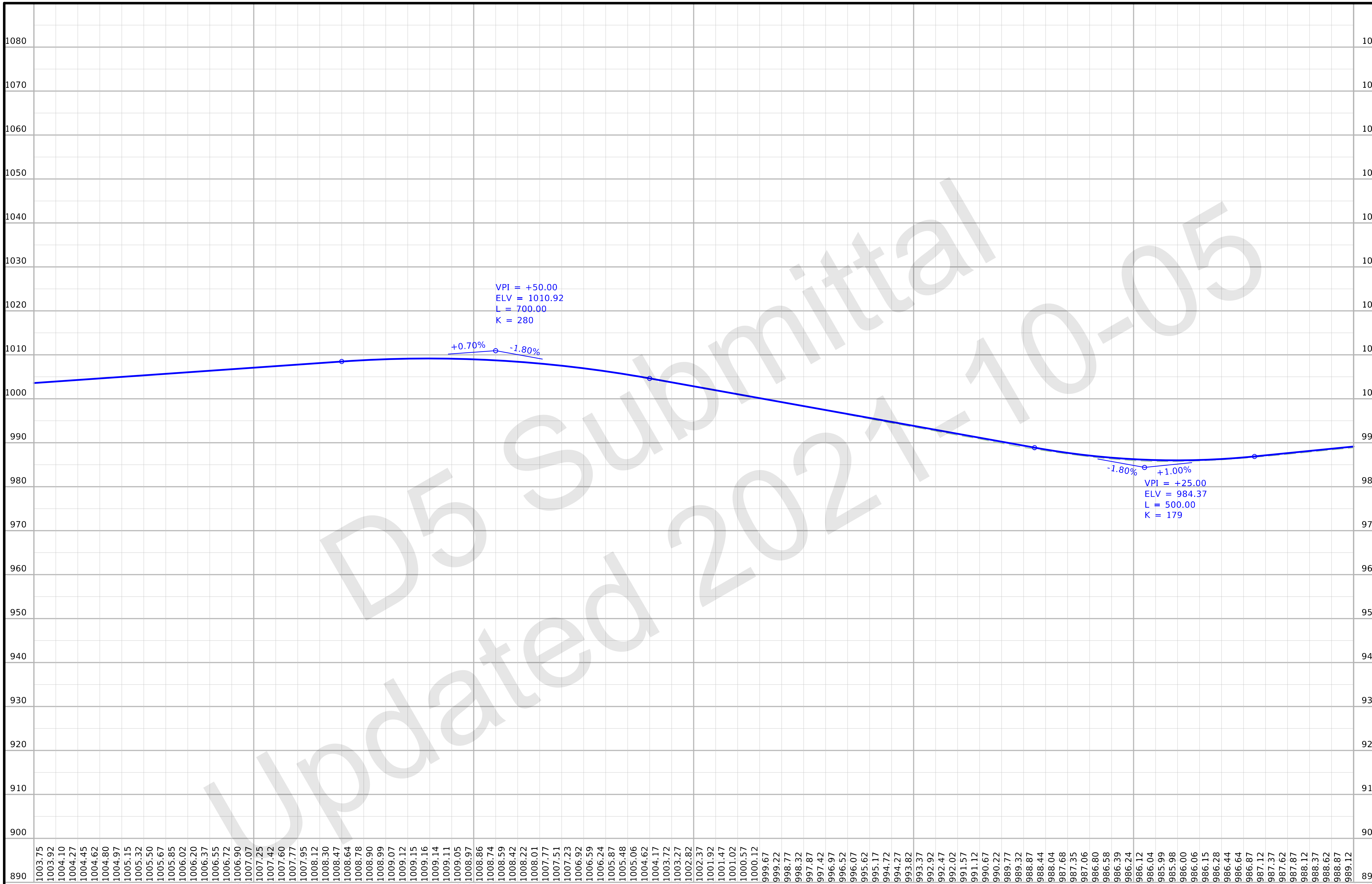
12:04:39 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.Ian:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.25

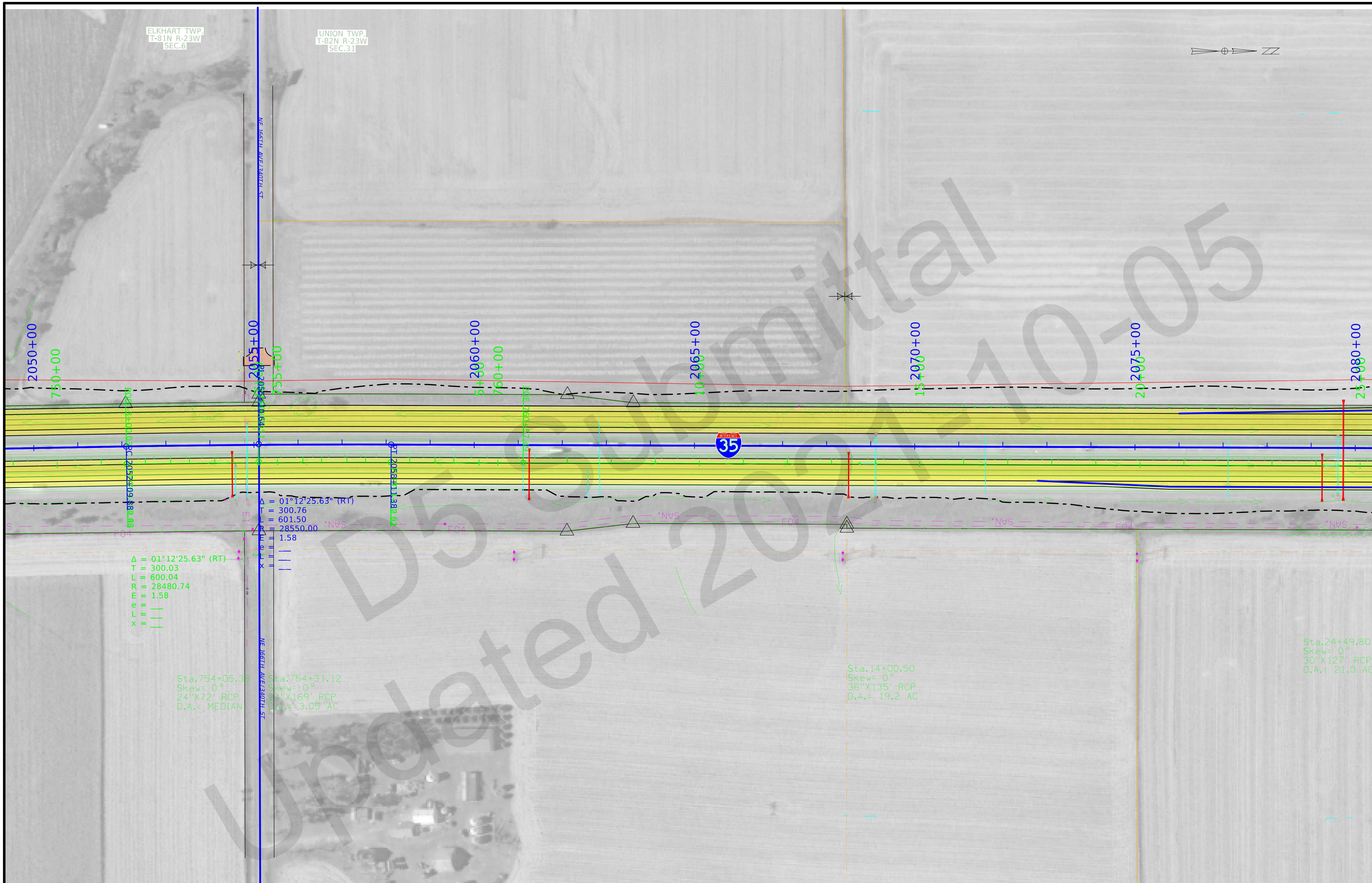


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.26

12:04:57 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn

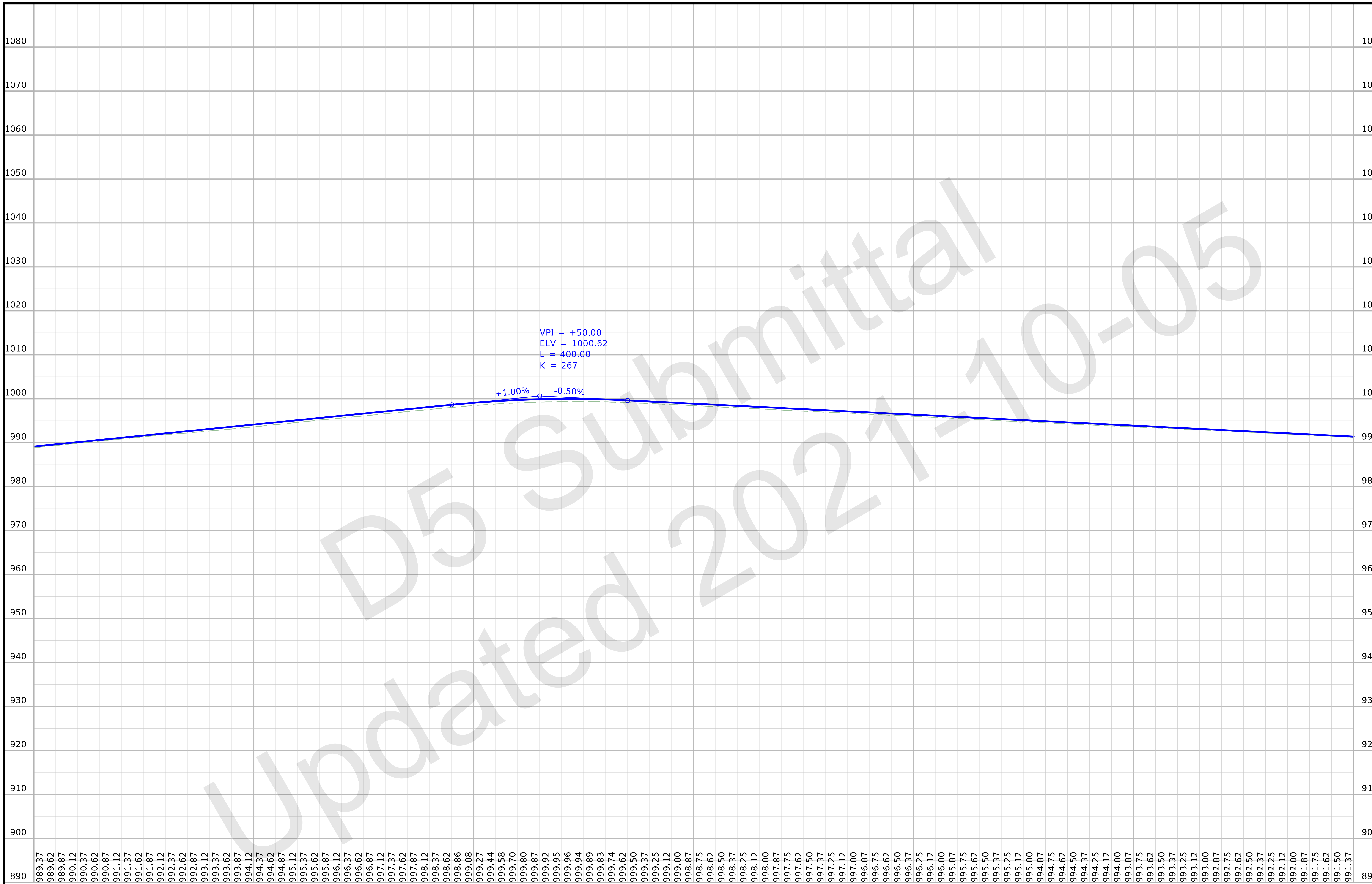


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.27



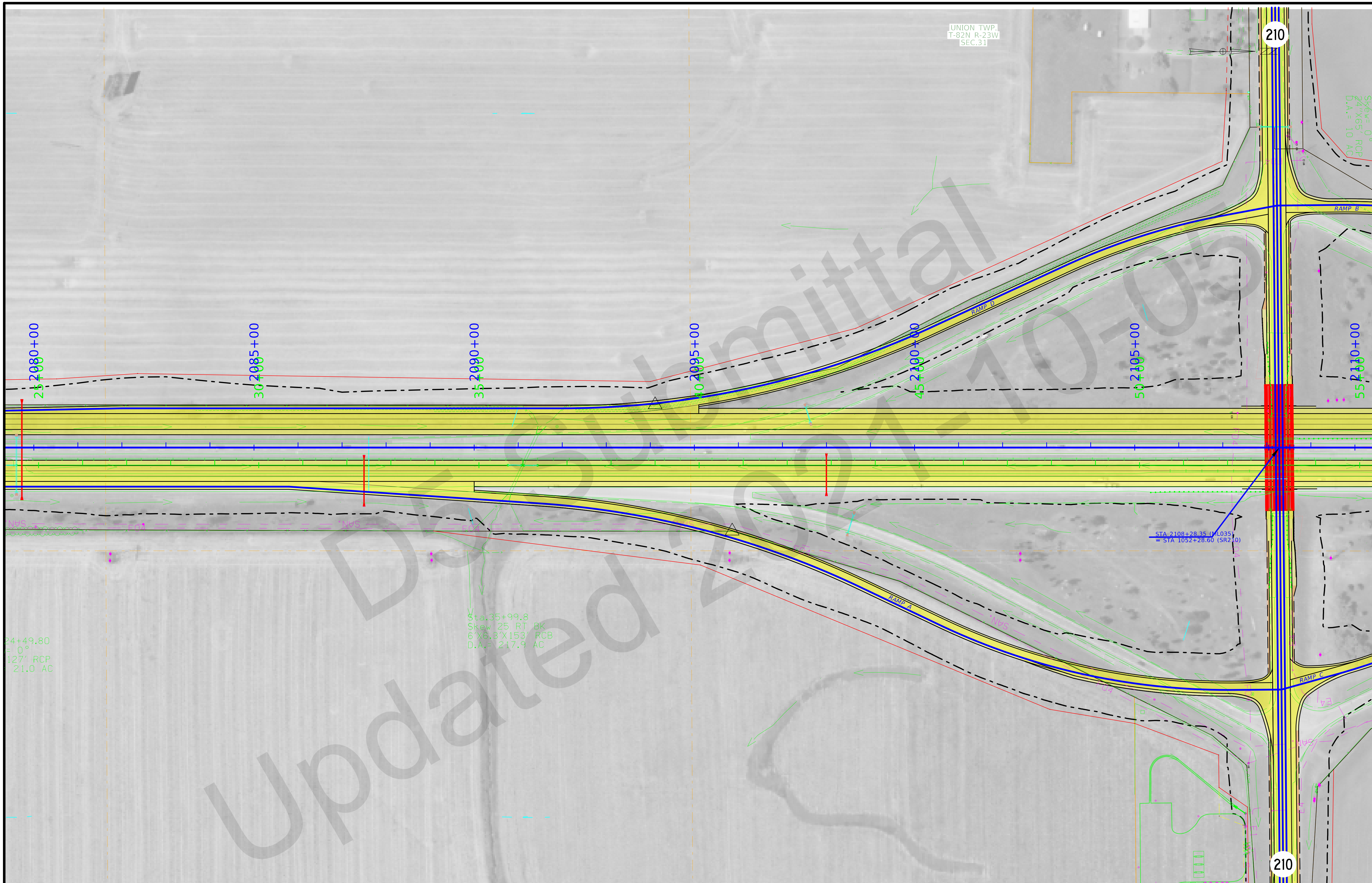
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER	IM-035-4(309)95--13-77	SHEET NUMBER	D.28

12:05:18 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



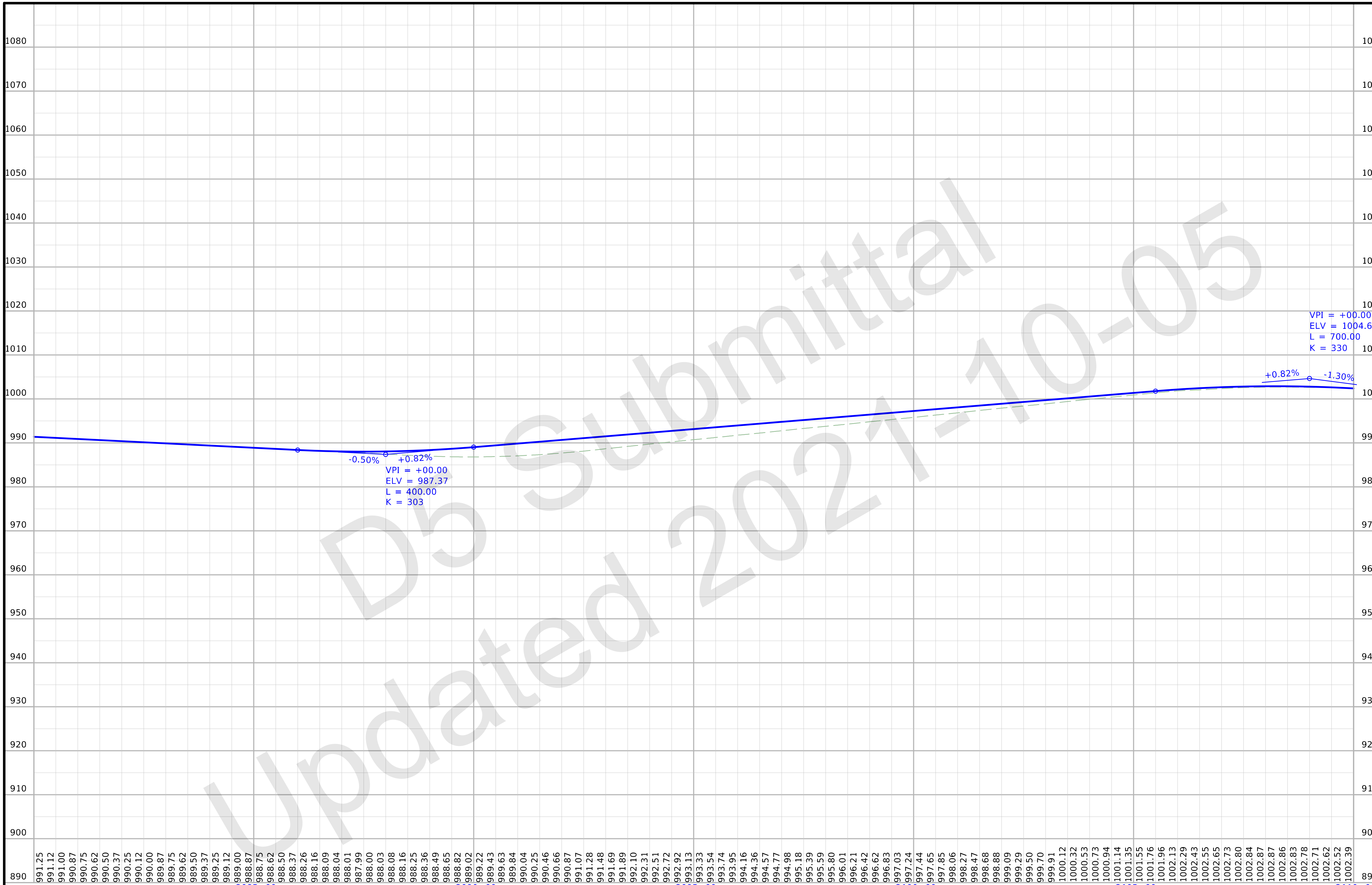
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.29

12:05:19 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.30

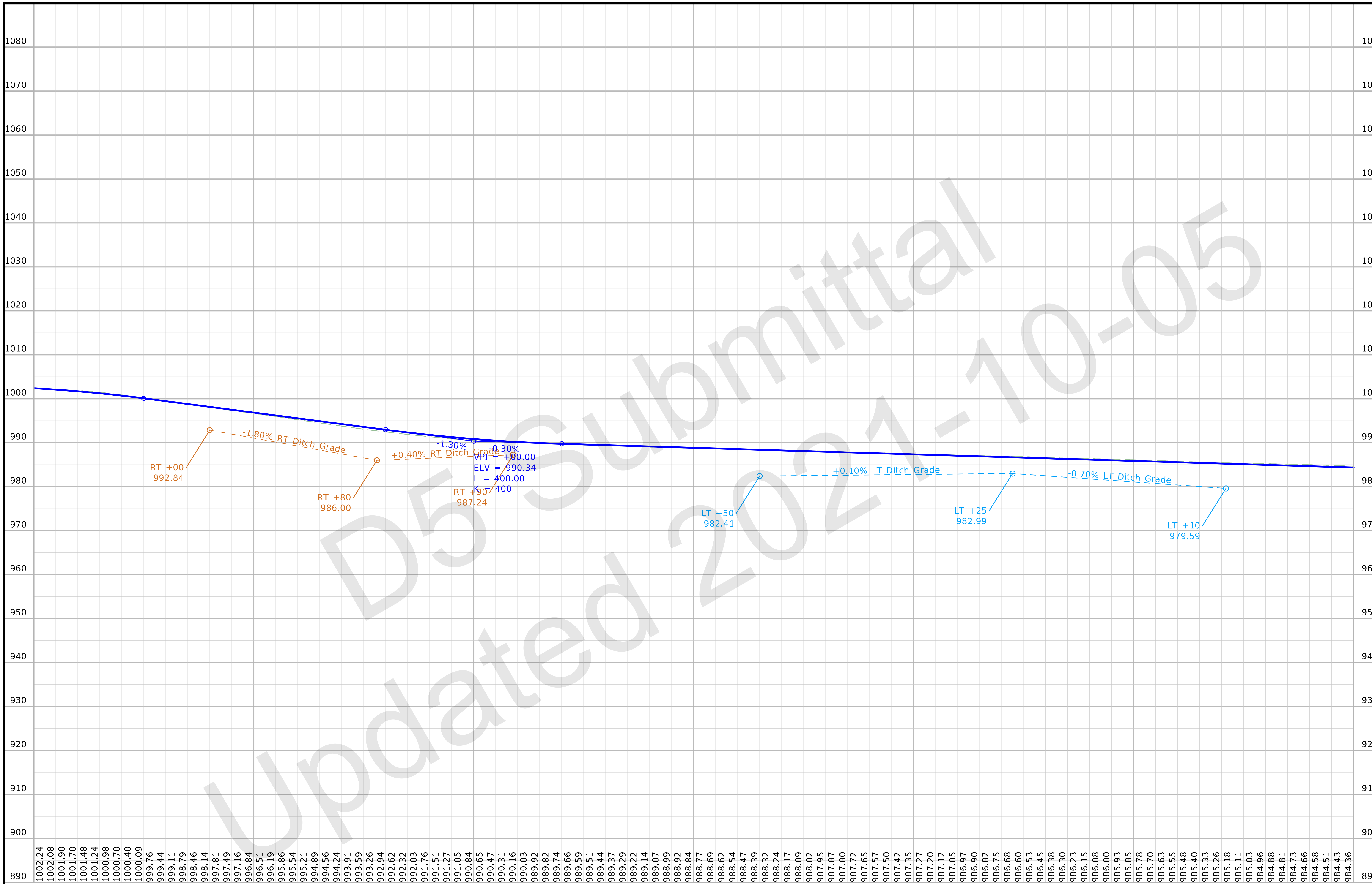
12:06:19 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.31

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.32

12:06:40 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.33

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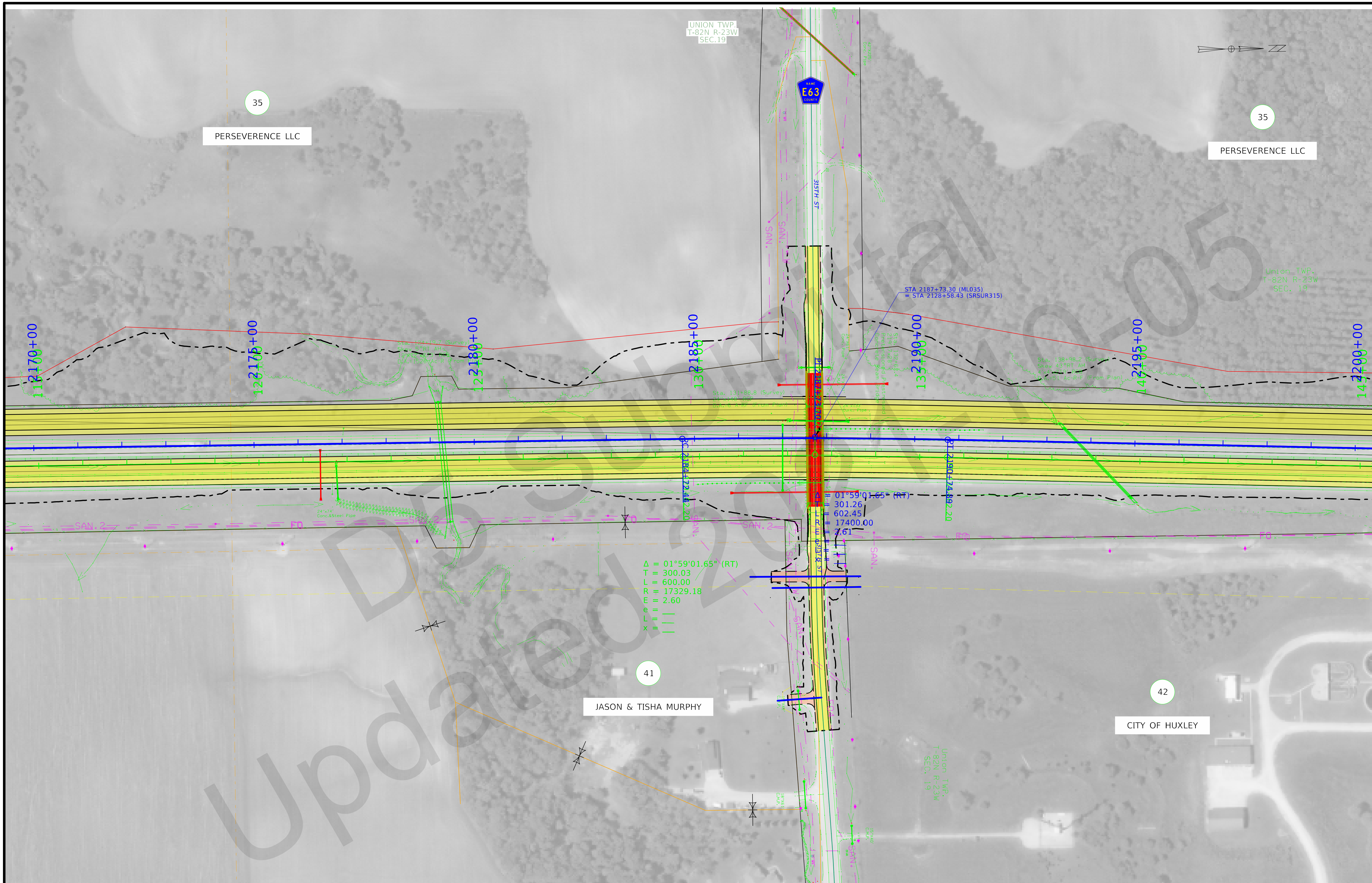
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.34

12:07:08 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn

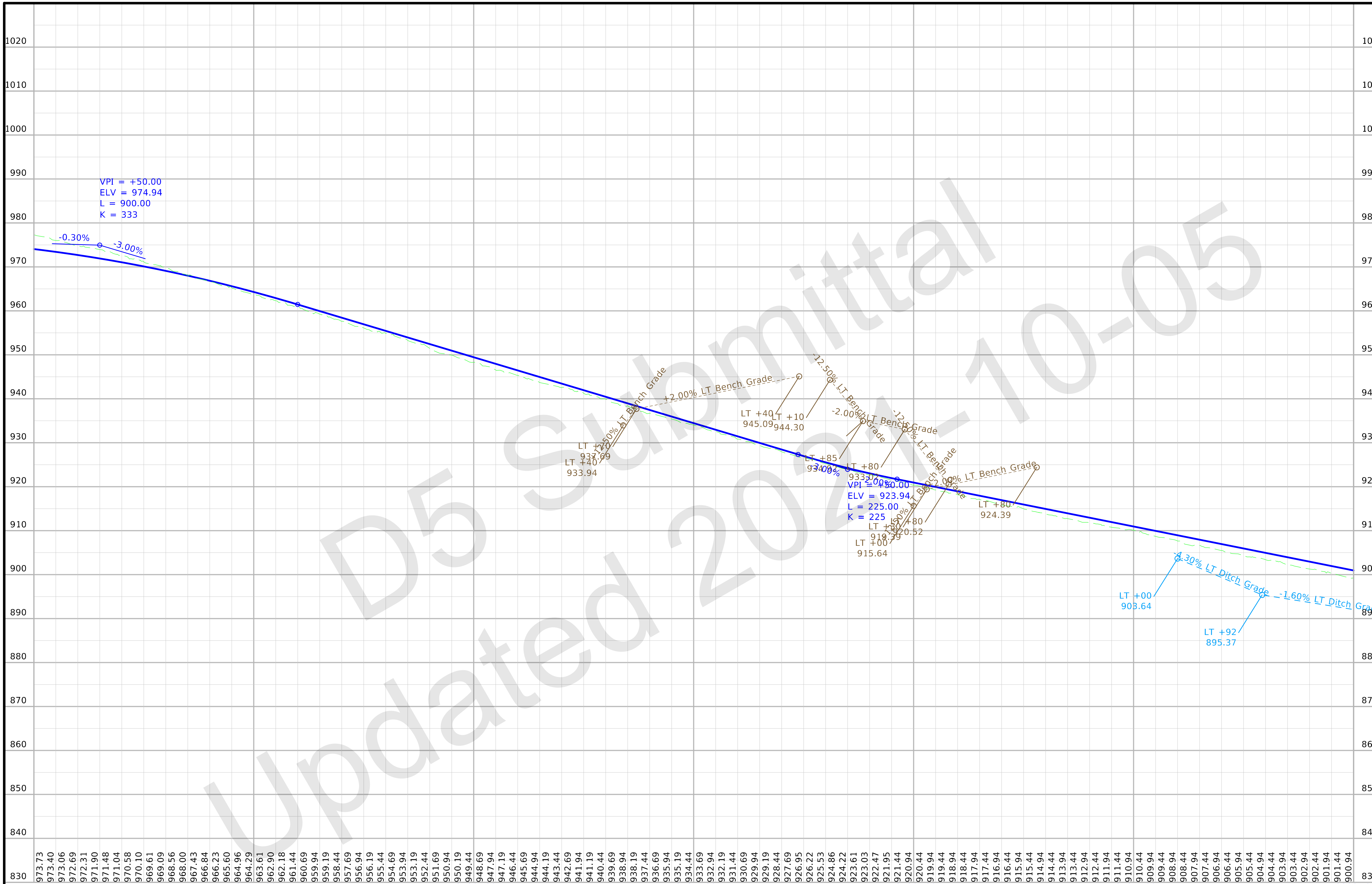
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.35

12:07:09 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.36

12:07:30 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



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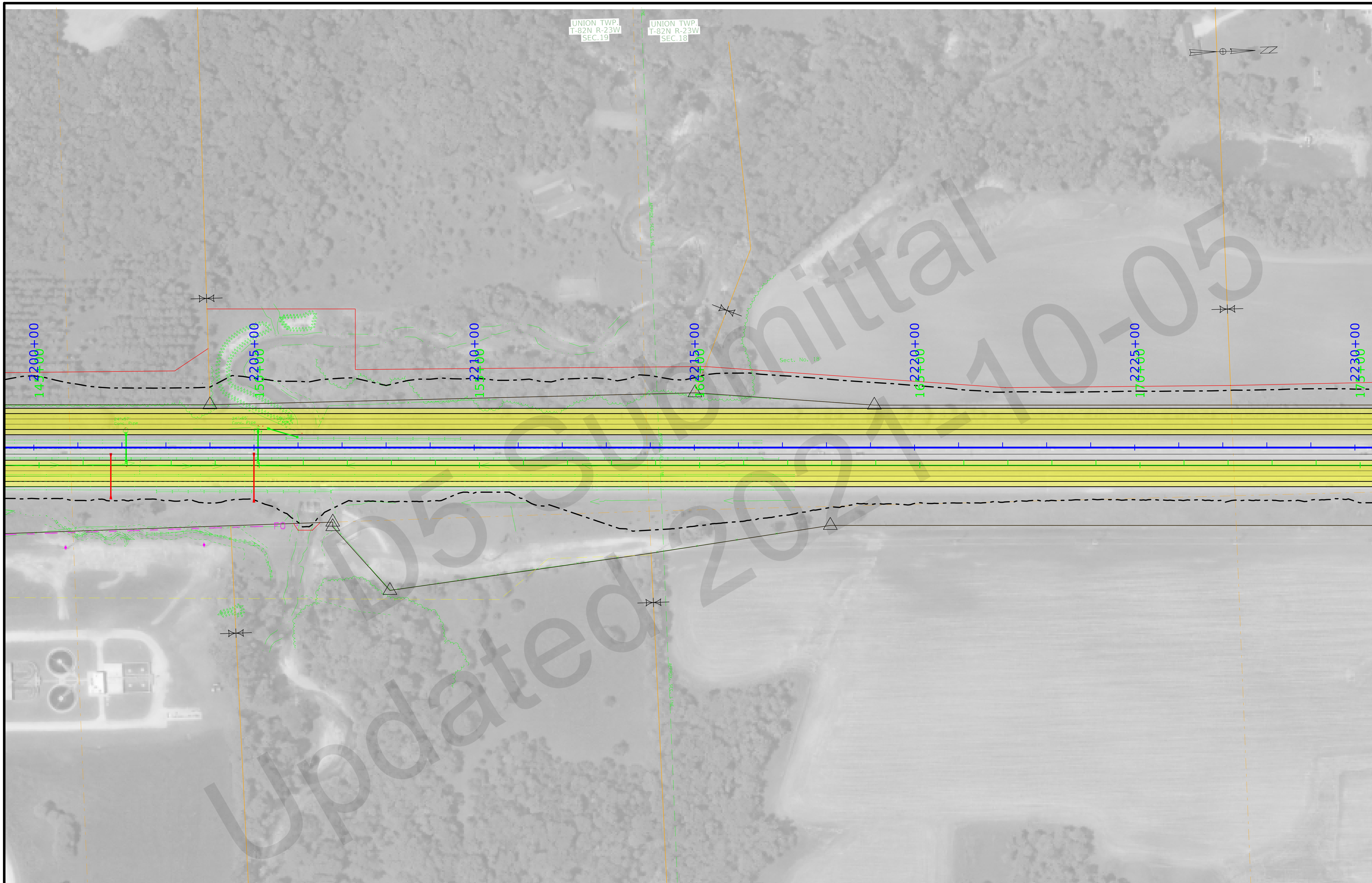
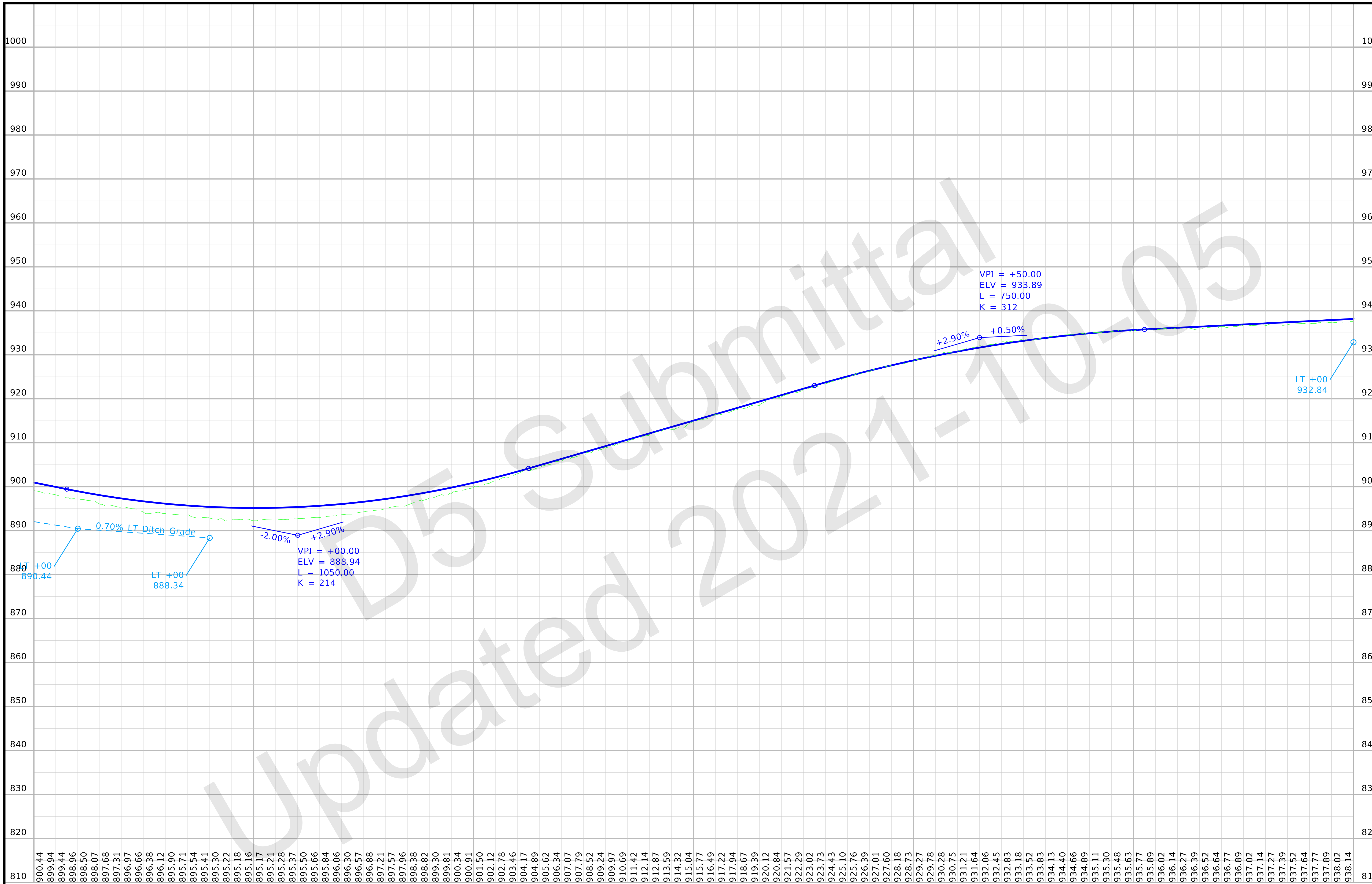


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER	IM-035-4(309)95--13-77	SHEET NUMBER D.38

12:07:46 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.39

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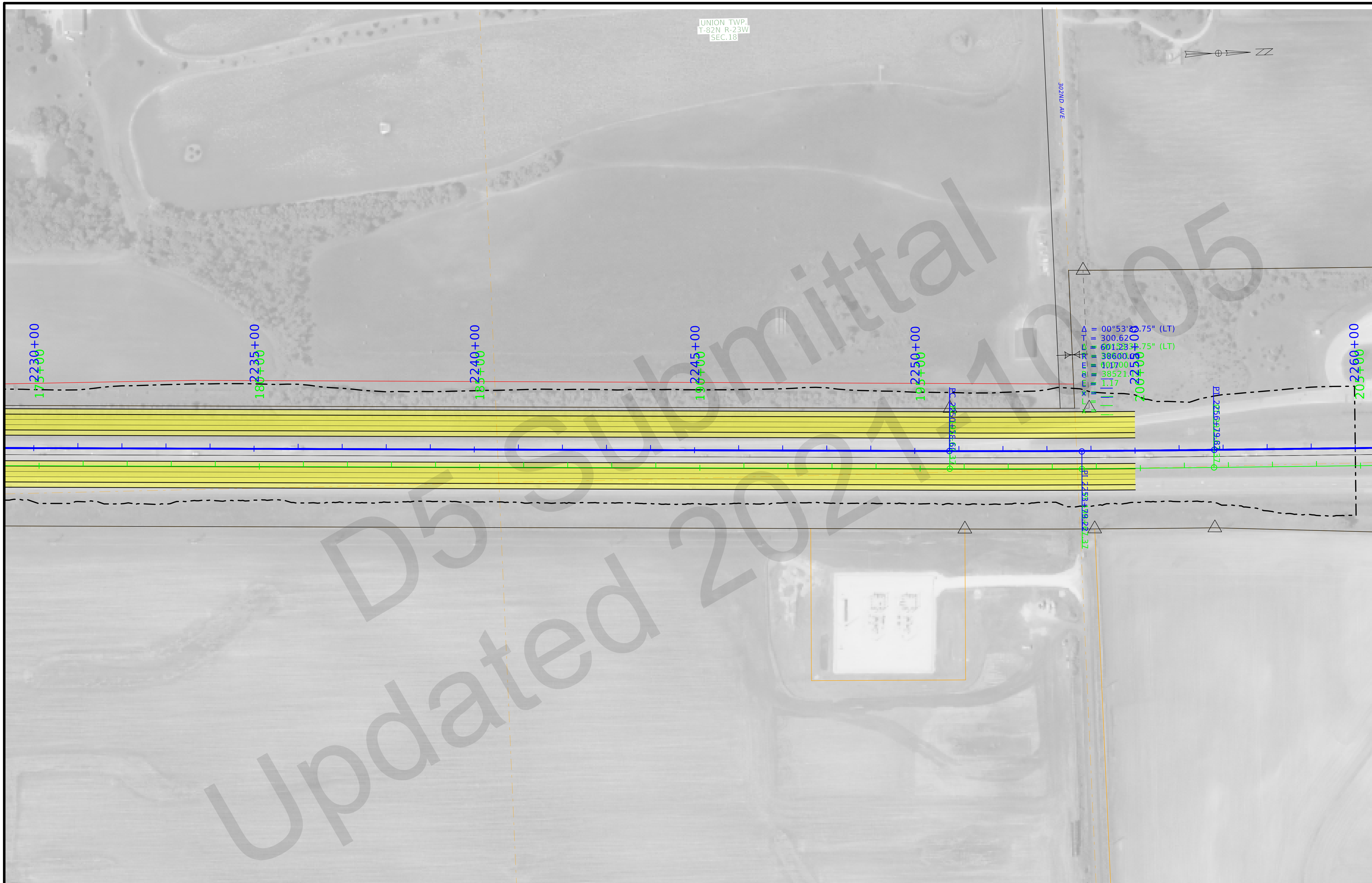
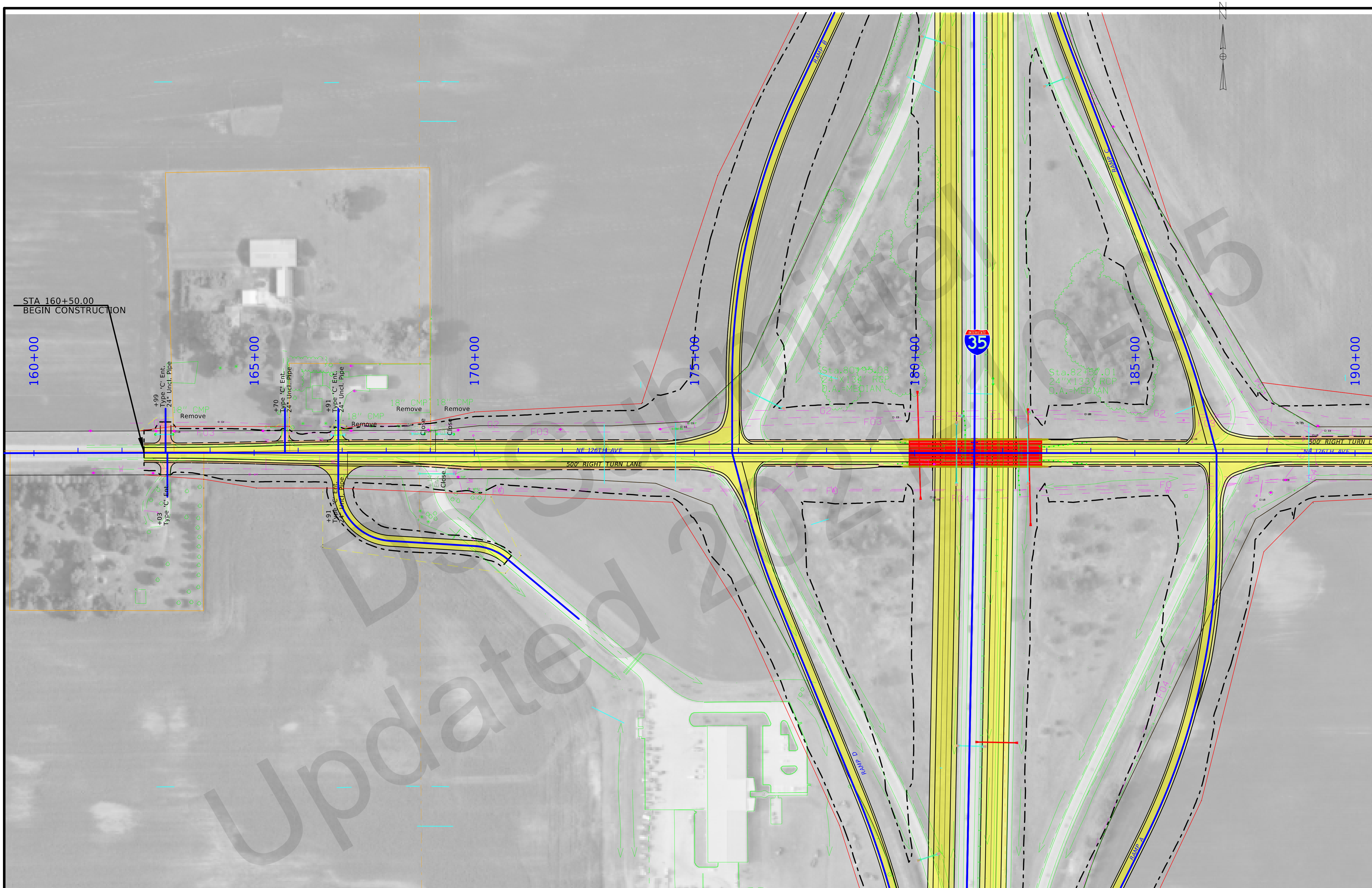


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER D.40

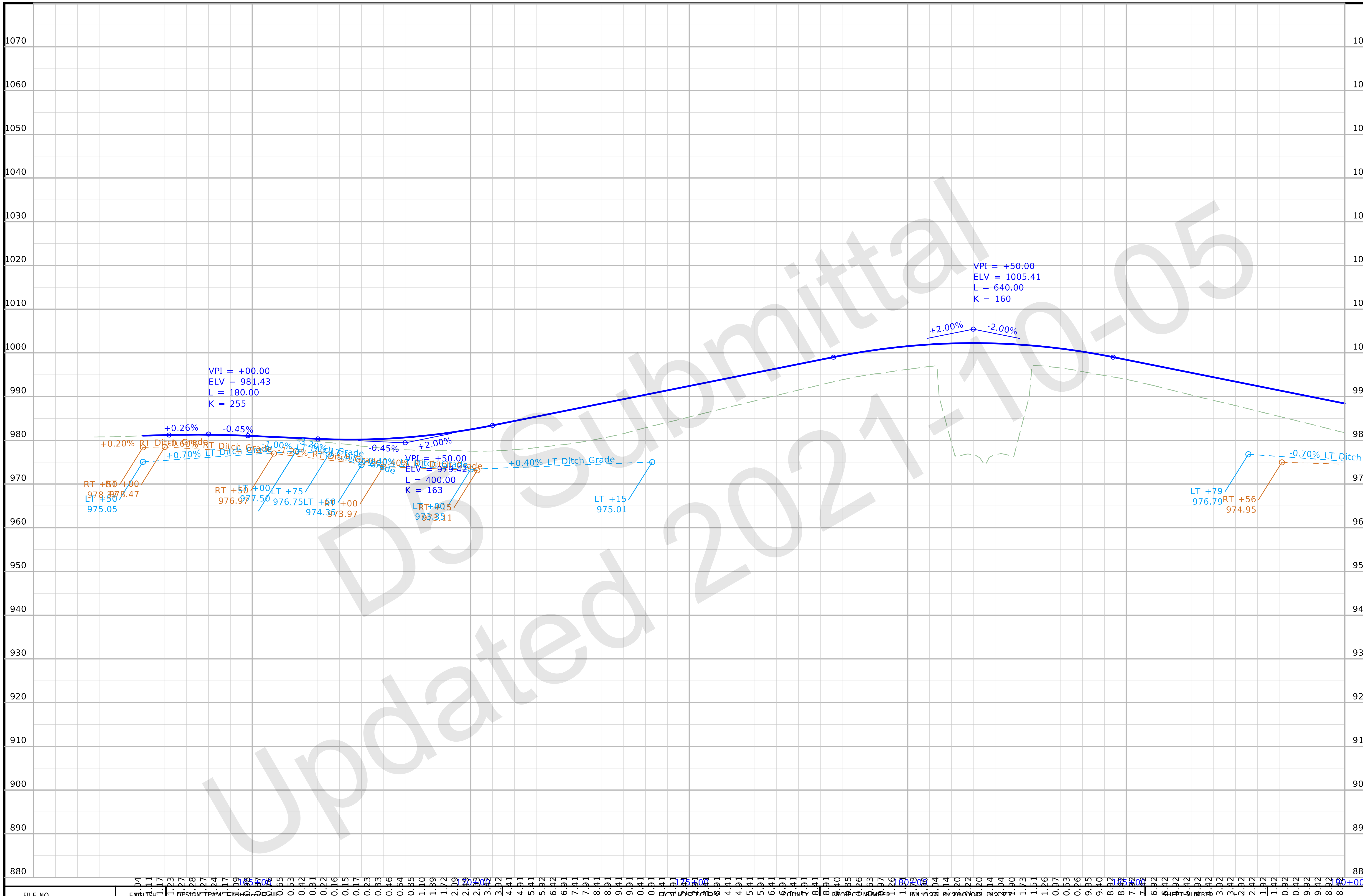
12:09:56 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\D02_77035309Z08_ML035.dgn

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER	IM-035-4(309)95--13-77	SHEET NUMBER	D.41	



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.1

12:11:18 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E01_77035309Z08_SR126.dgn



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950
940
930
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900
890
880
VPI = +00.00
ELV = 981.43
L = 180.00
K = 255
+0.26%
-0.45%
VPI = +50.00
ELV = 979.42
L = 400.00
K = 163
-0.45%
+2.00%
VPI = +50.00
ELV = 1005.41
L = 640.00
K = 160
+2.00%
-2.00%
+0.20% RT Ditch Grade
+0.70% LT Ditch Grade
+0.40% LT Ditch Grade
-0.70% LT Ditch Grade
LT +50
975.05
RT +50
976.97
LT +00
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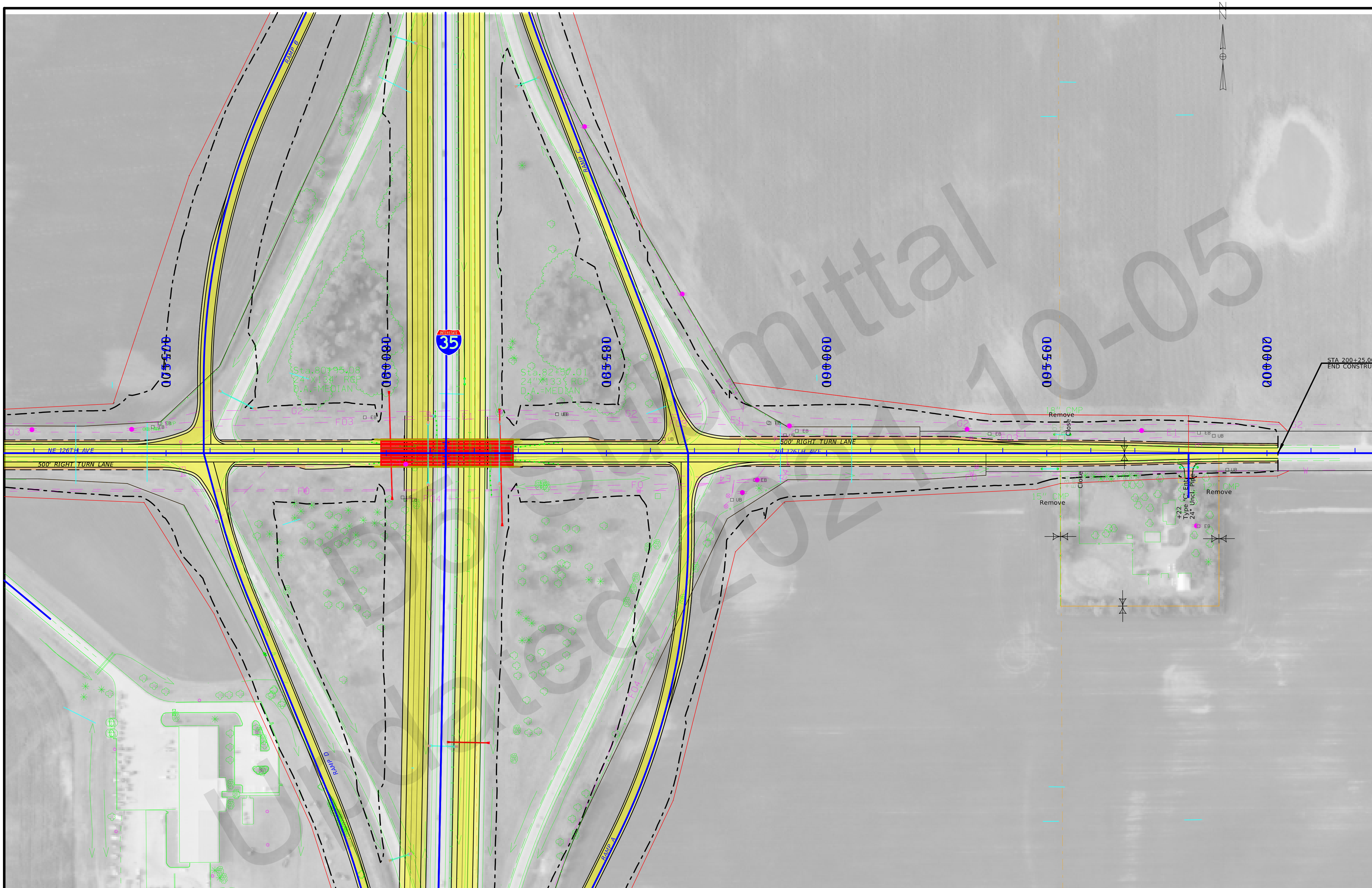
D5 Submittal
Updated 2021-10-05
FILE NO.
ENGLISH
DESIGN TEAM
COUNTY
PROJECT NUMBER
SHEET NUMBER



FILE NO. | ENGLISH | DESIGN TEAM Flattery/Bell | POLK/STORY COUNTY | PROJECT NUMBER IM-035-4(309)95--13-77 | SHEET NUMBER E.3

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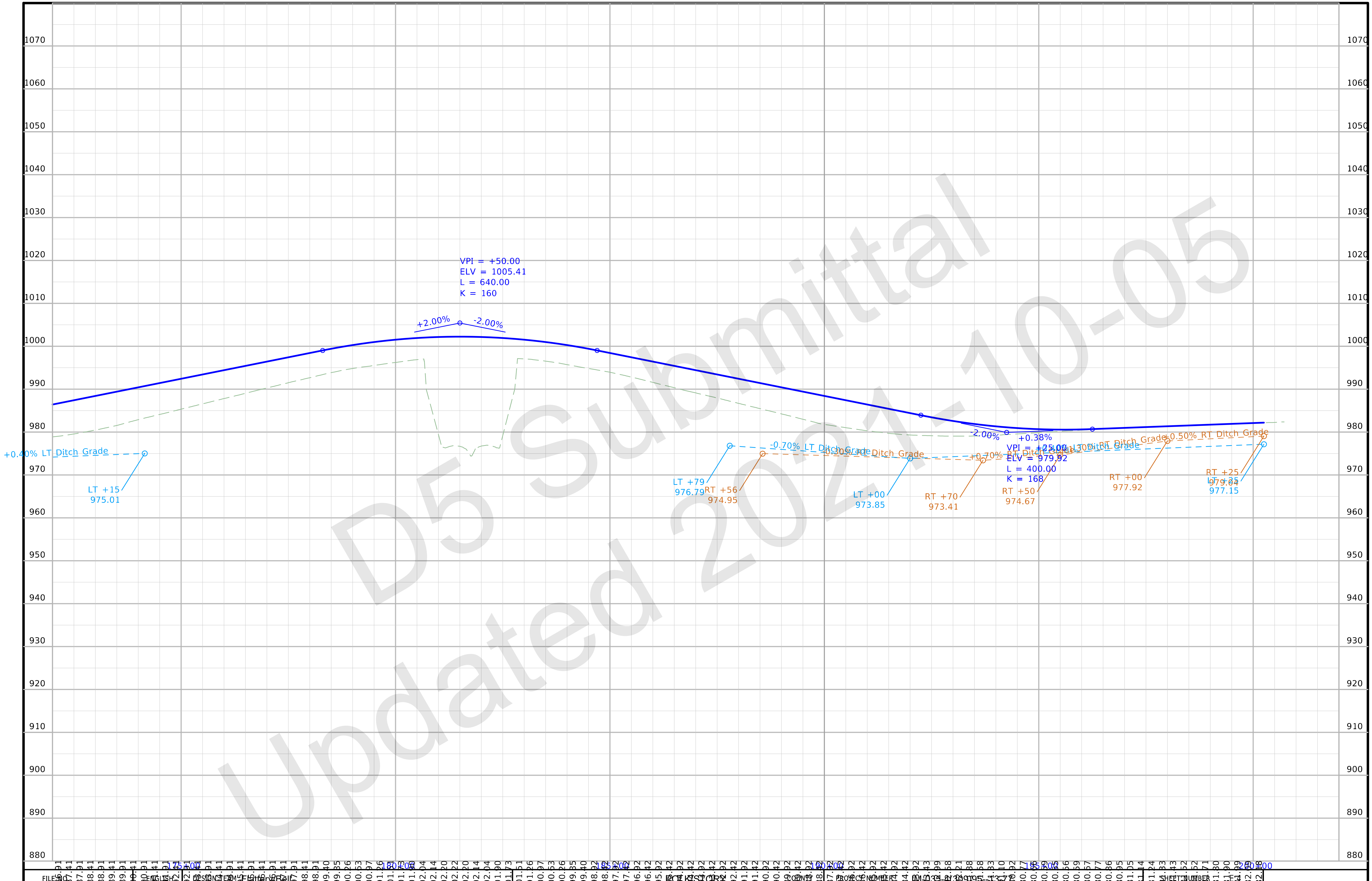
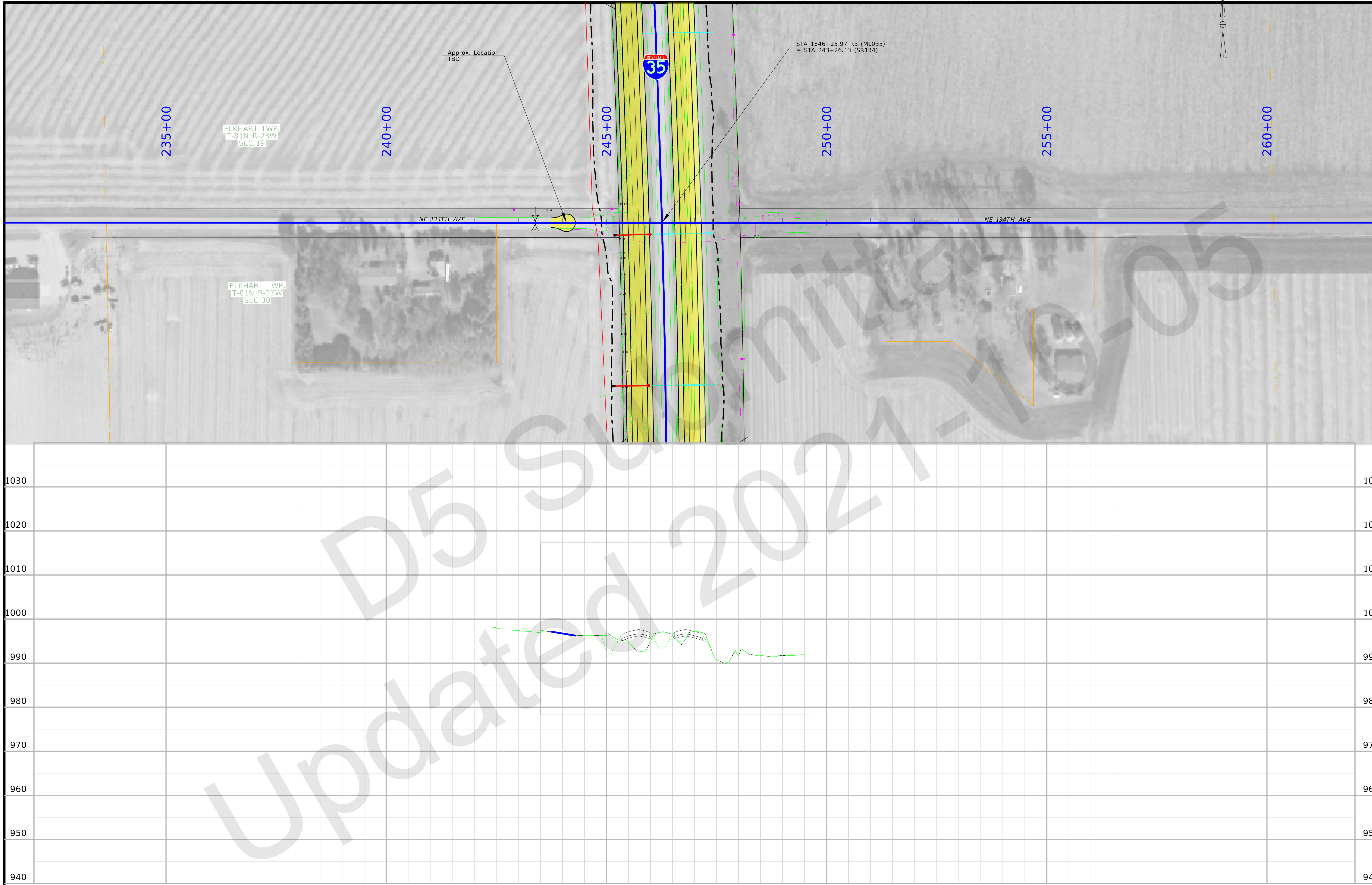
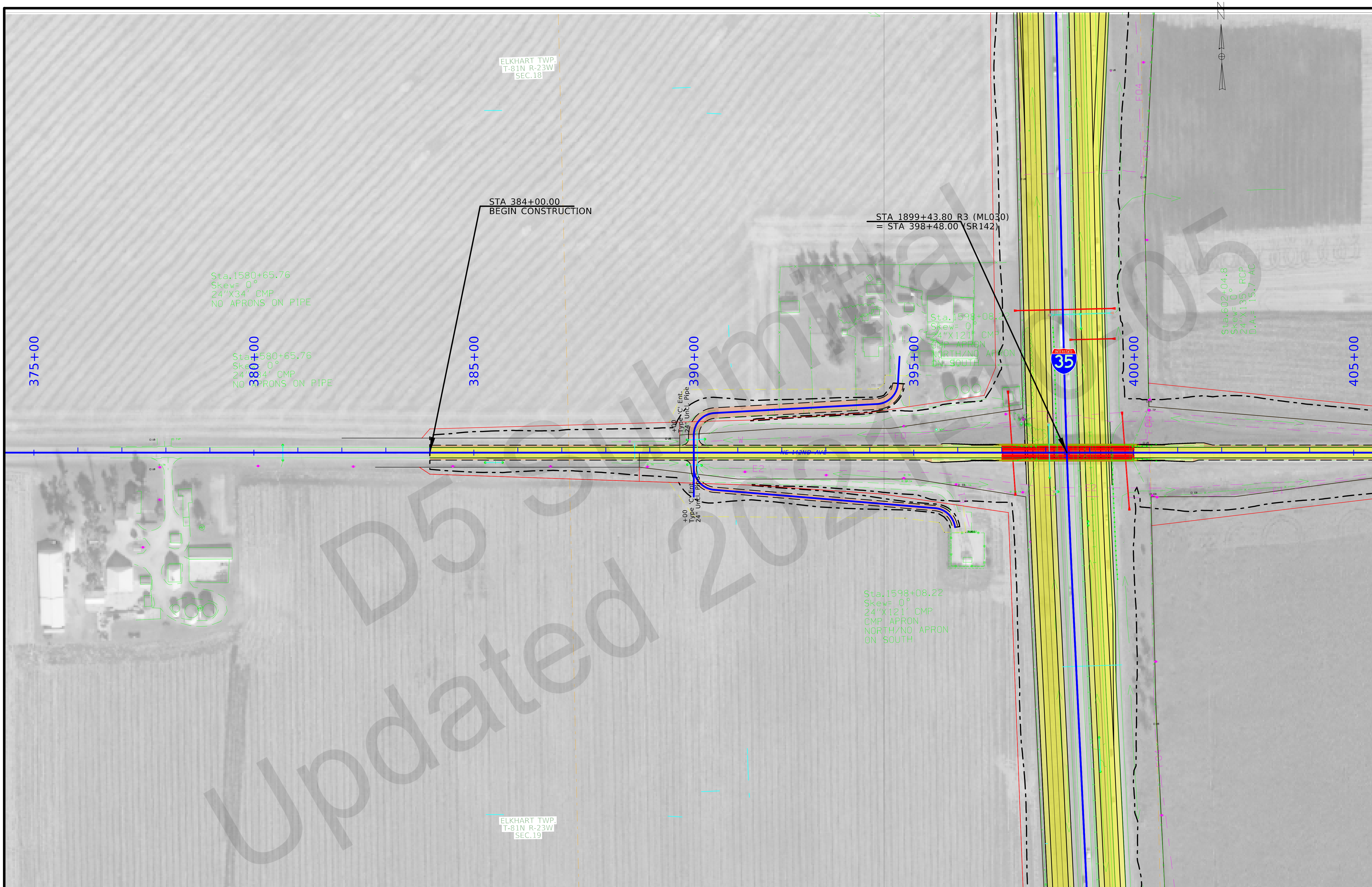


12:12:04 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\...\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E01_77035309Z08_SR126.dgn

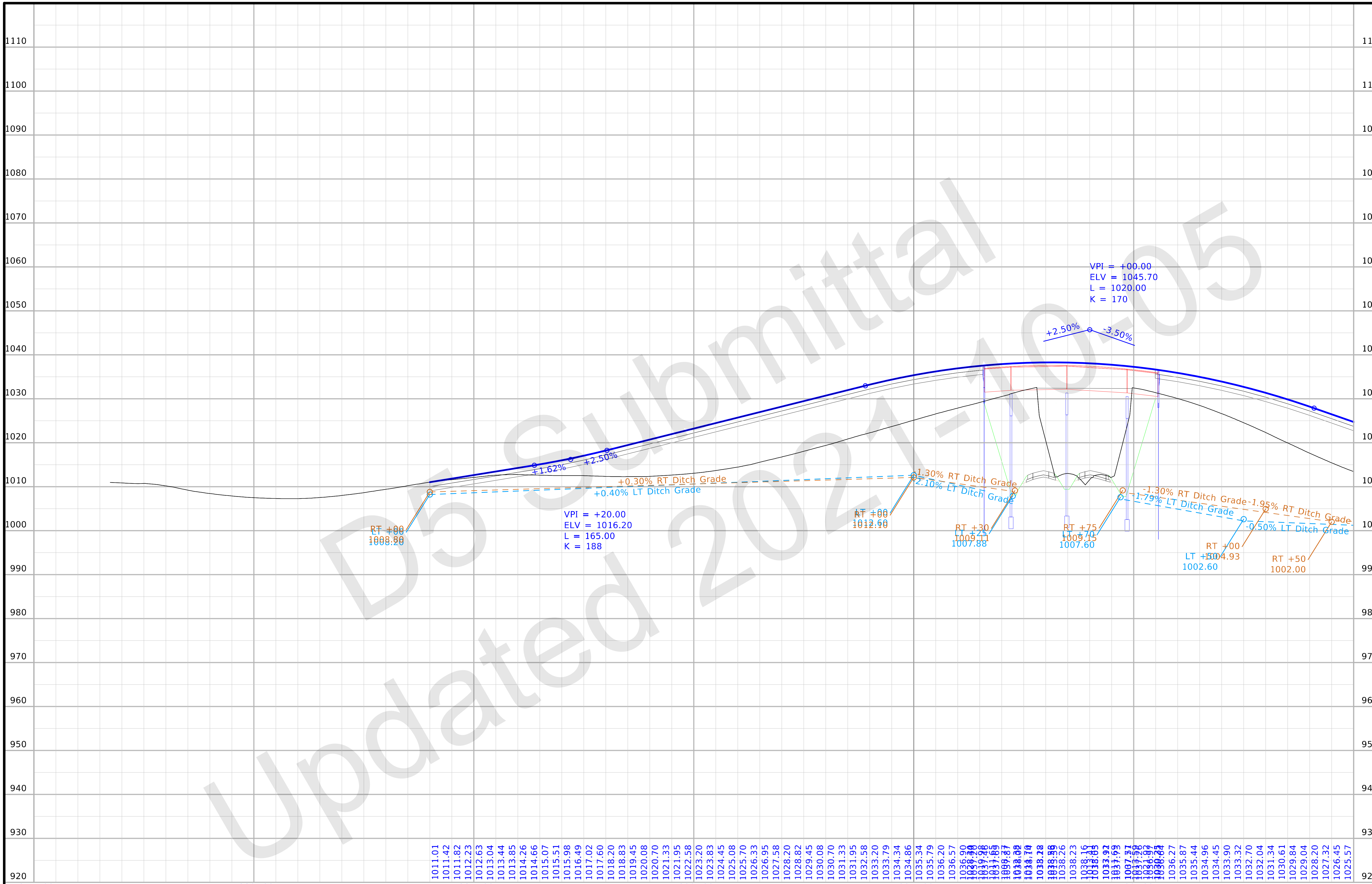


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.6

12:13:02 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E03_77035309Z08_SR142.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.7

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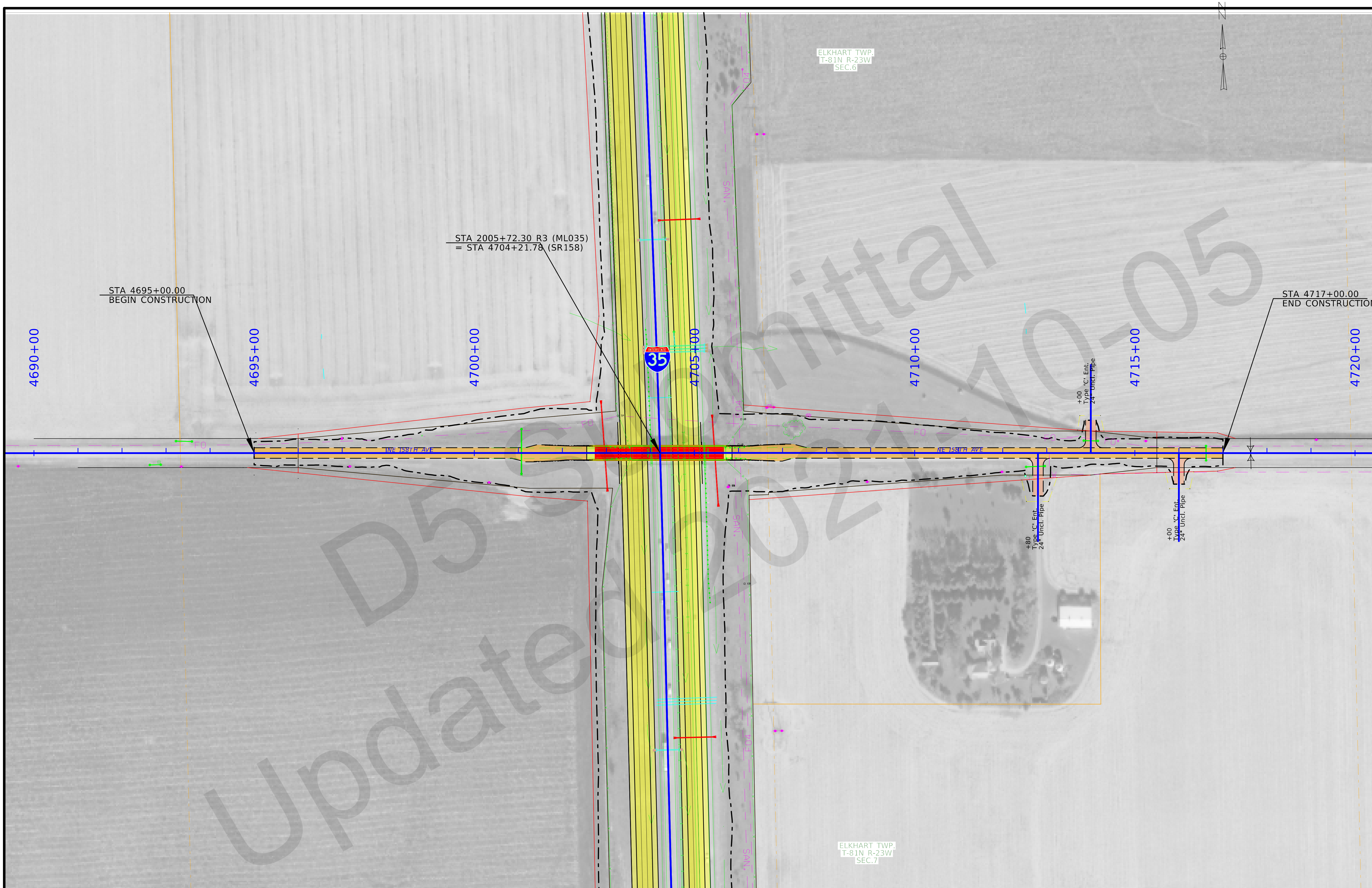
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.8

12:13:32 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E03_77035309Z08_SR142.dgn

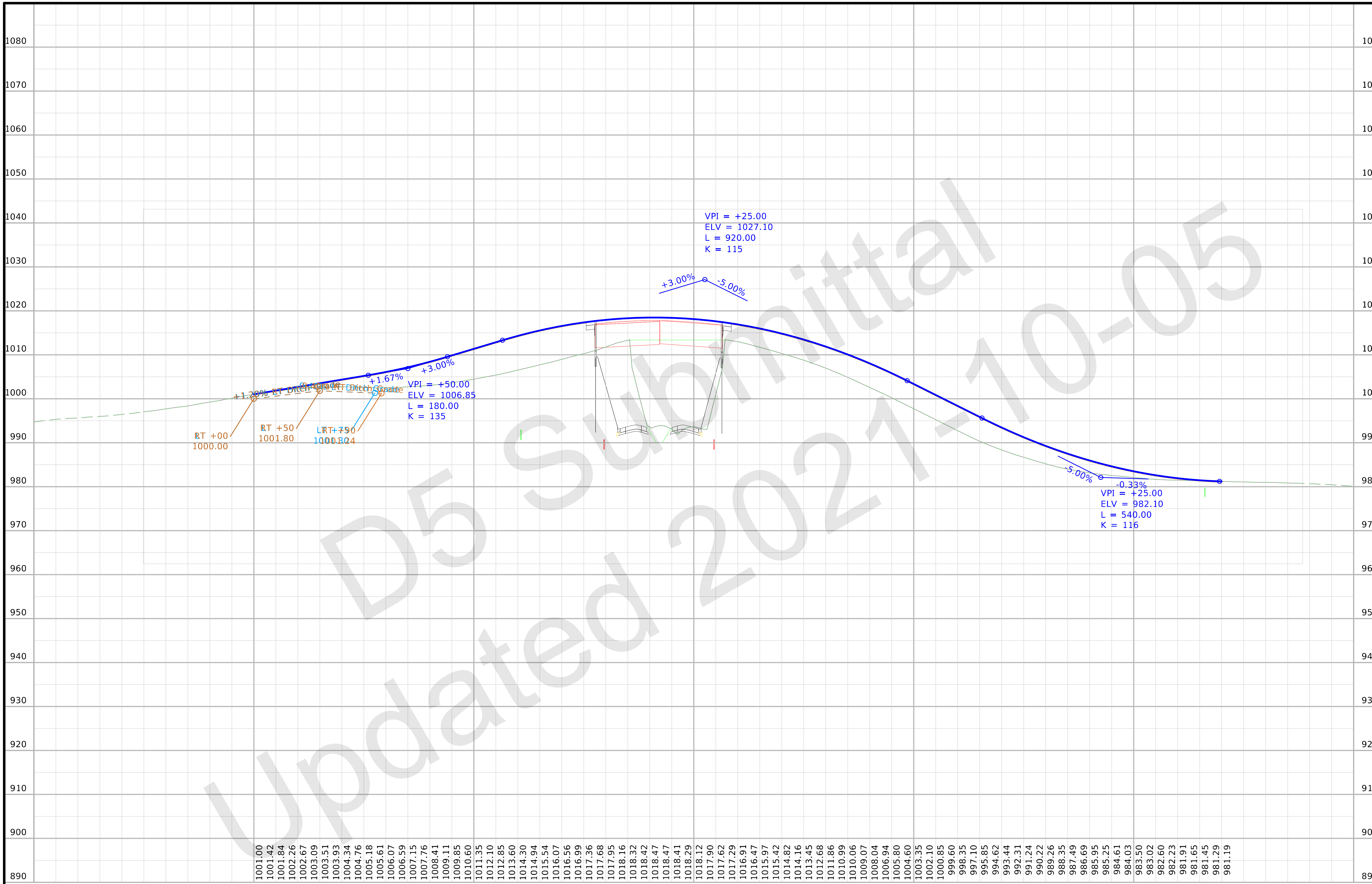
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.9

12:13:35 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E03_77035309Z08_SR142.dgn



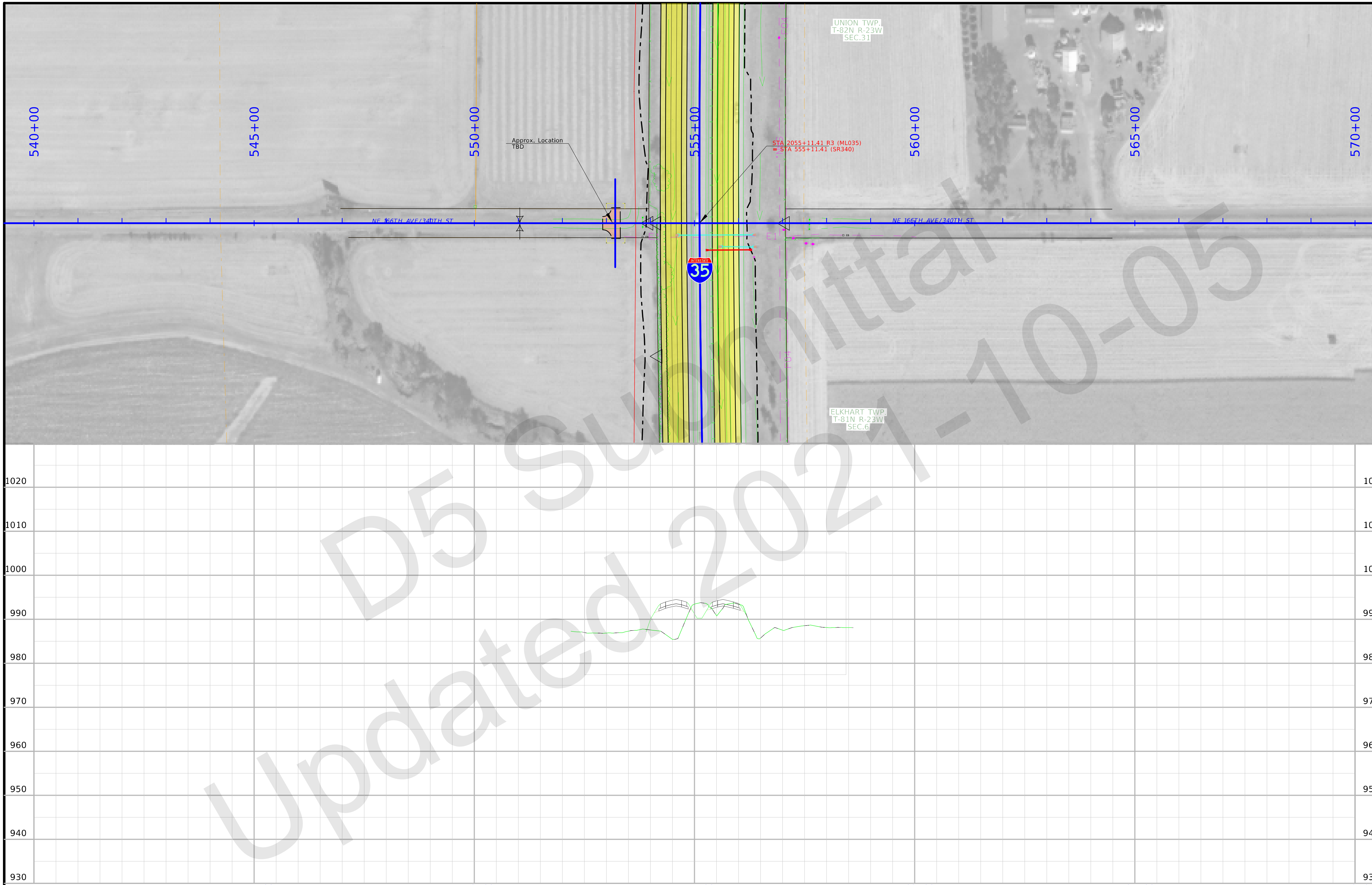
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.10

12:14:16 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E04_77035309Z08_SR158.dgn



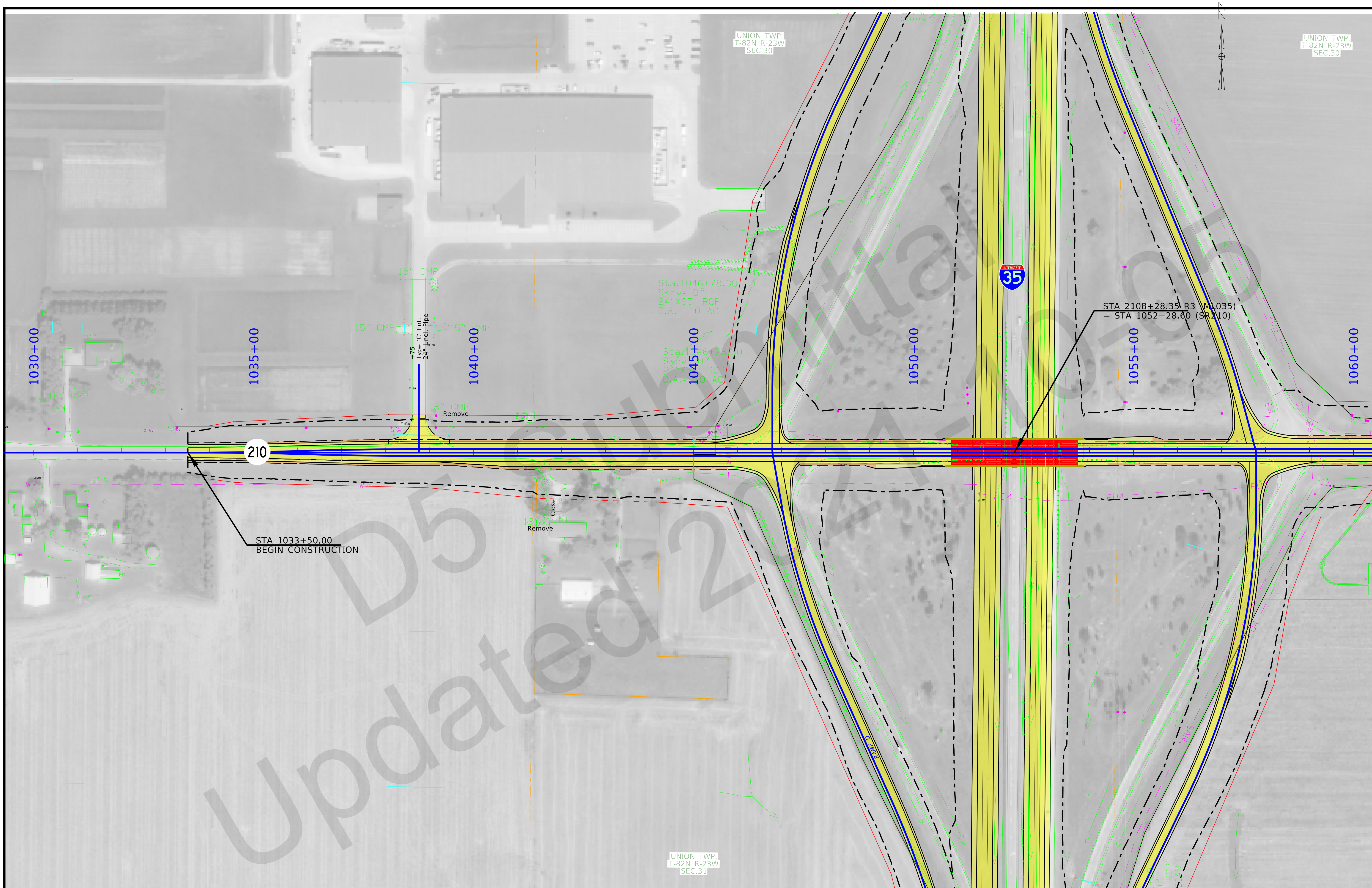
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.11

12:14:23 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E04_77035309Z08_SR158.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.12	REVISED

12:14:59 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E05_77035309Z08_SR340.dgn

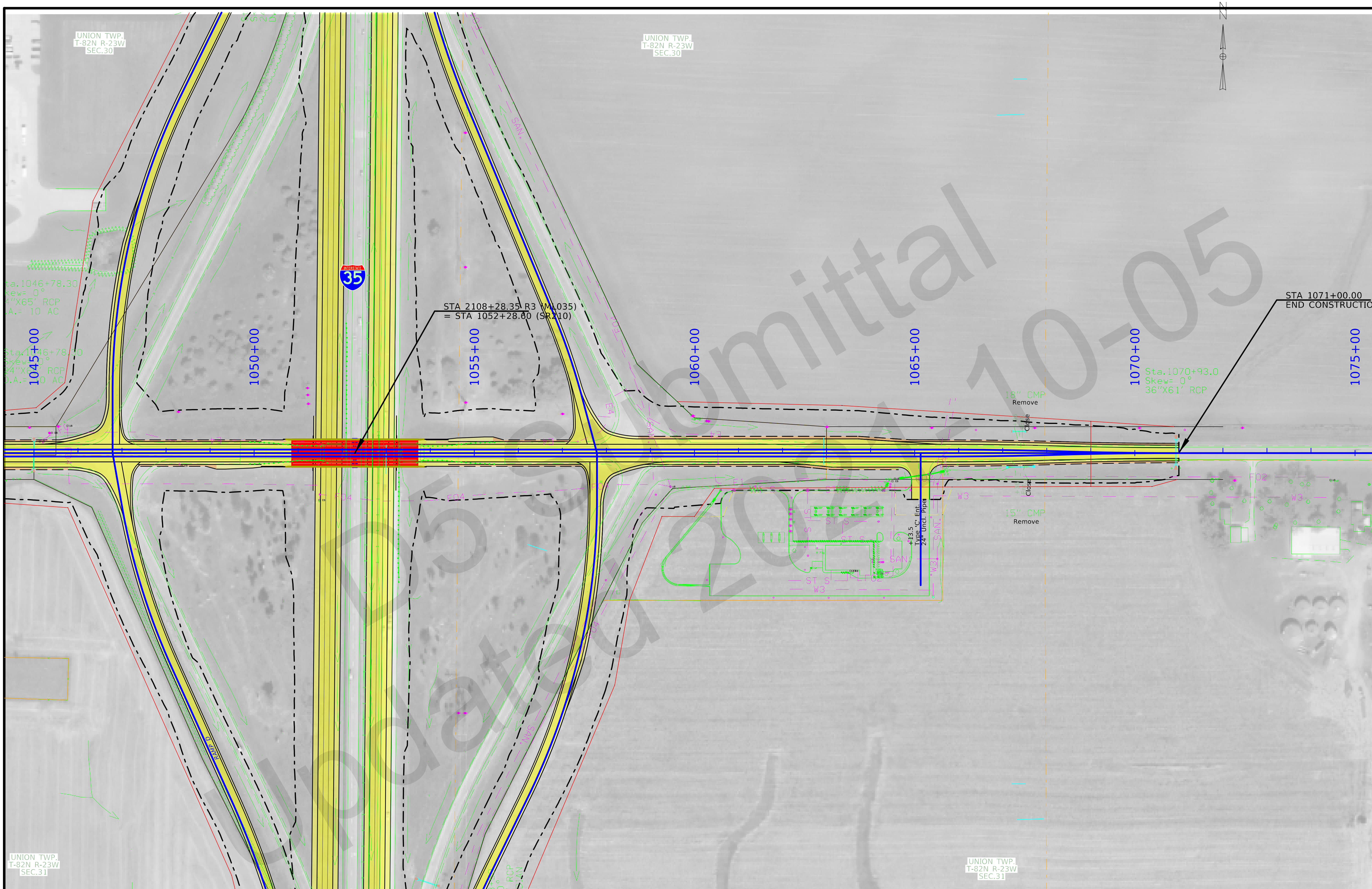


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.013

12:16:24 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E06_77035309Z08_SR210.dgn

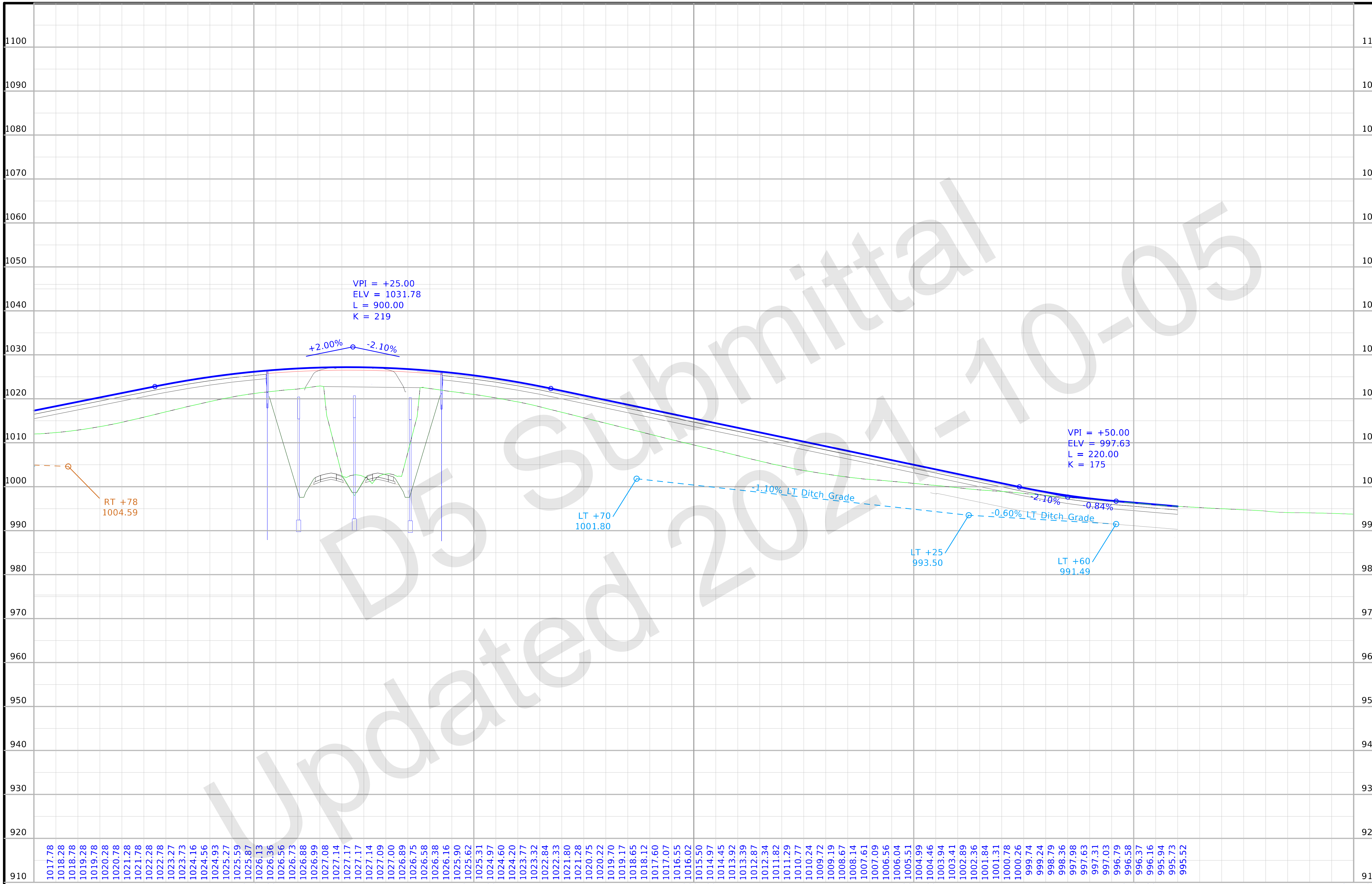
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.14

12:16:44 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E06_77035309Z08_SR210.dgn



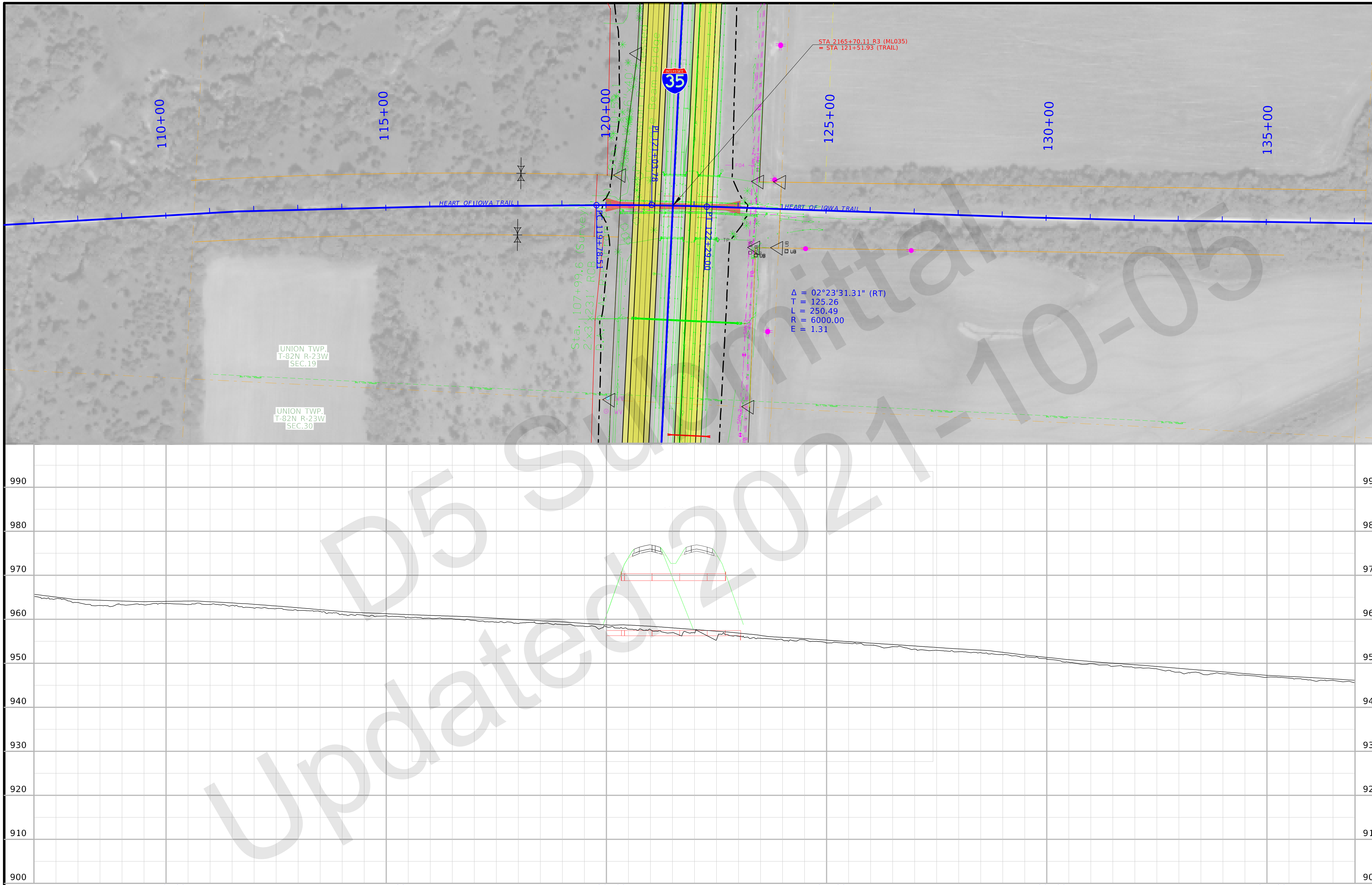
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.15

12:16:54 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E06_77035309Z08_SR210.dgn



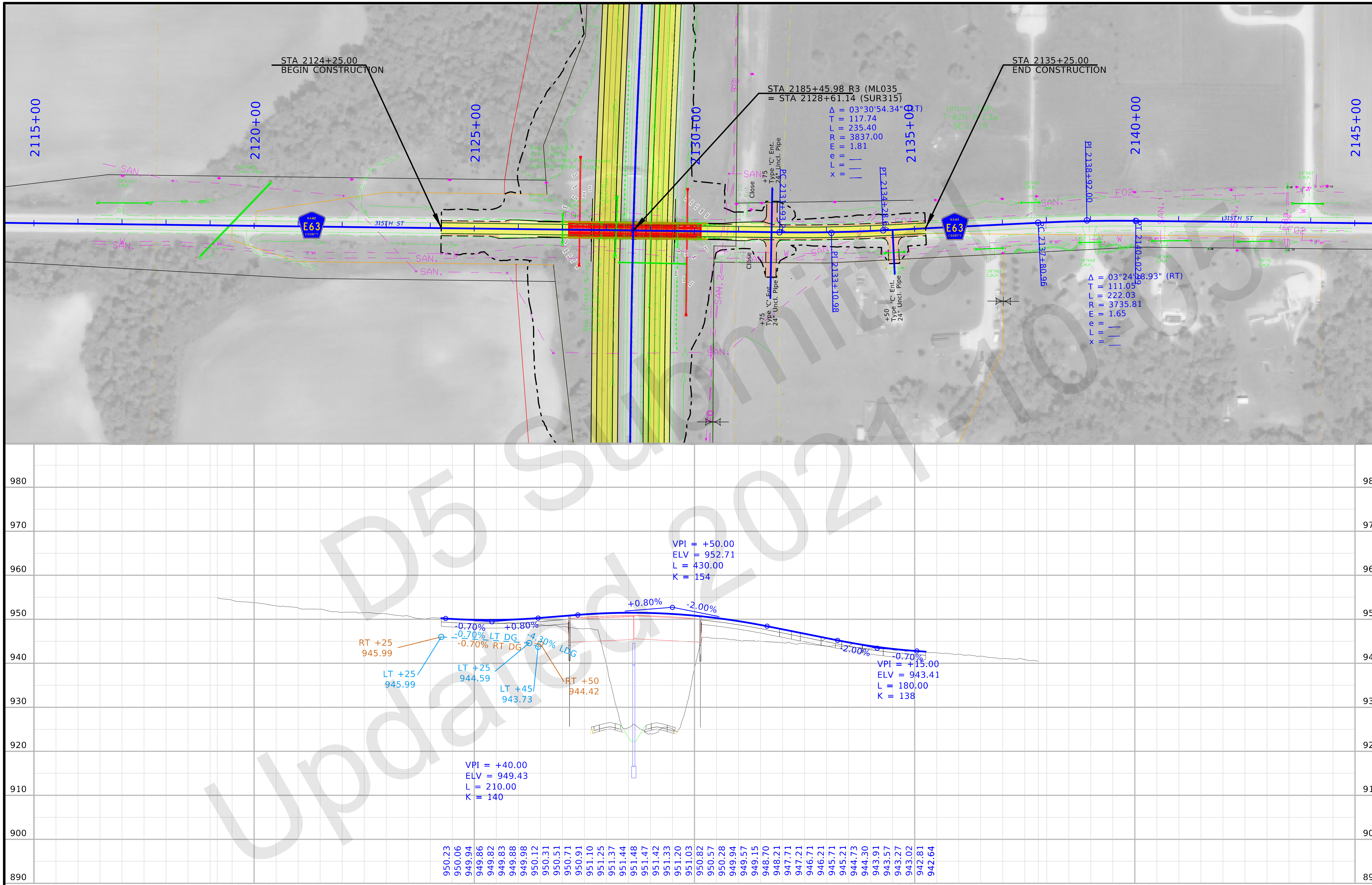
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.016

12:17:03 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E06_77035309Z08_SR210.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.17	REVISED

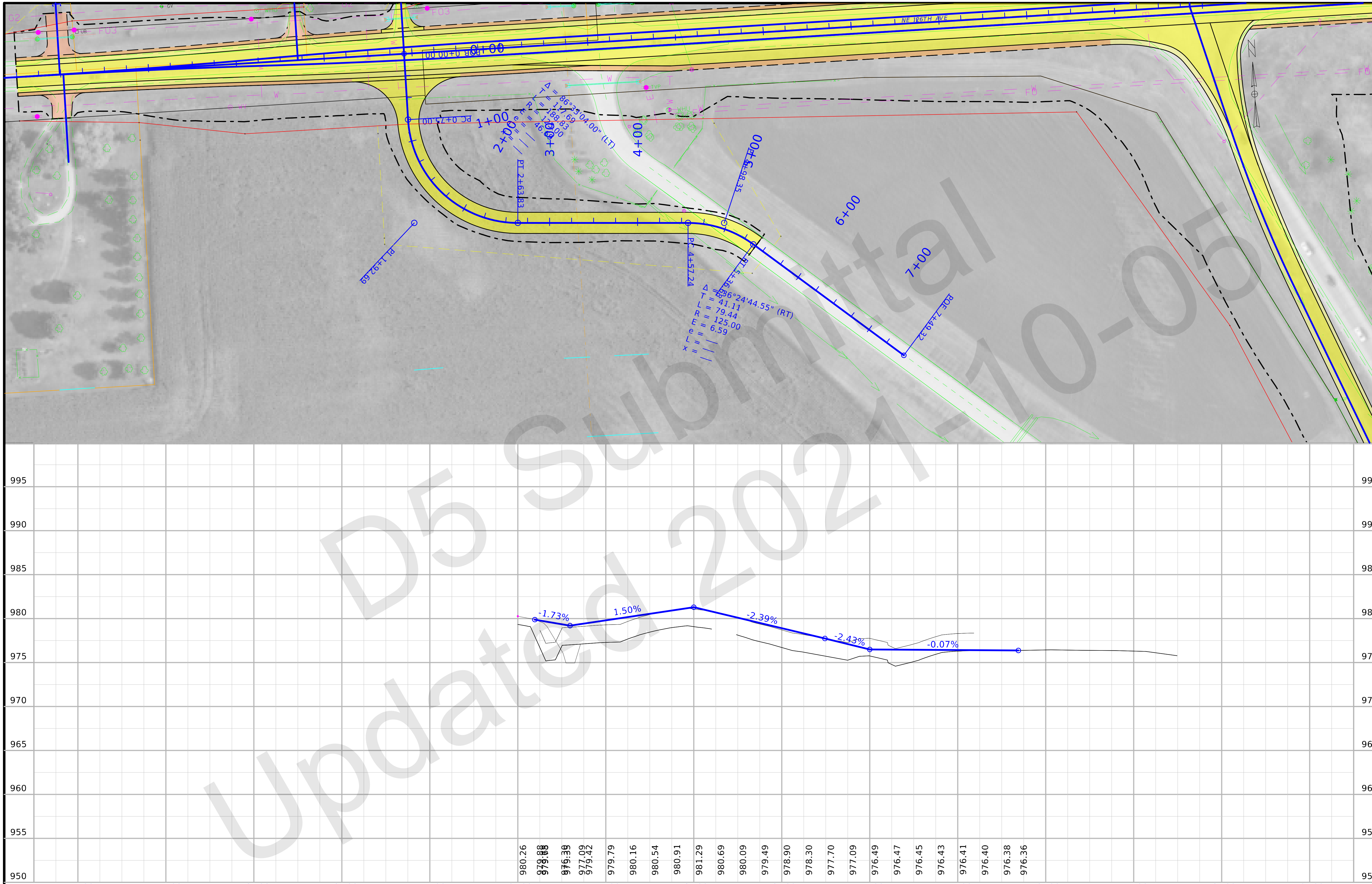
12:17:45 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E07_77035309Z08_TRAIL.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.18

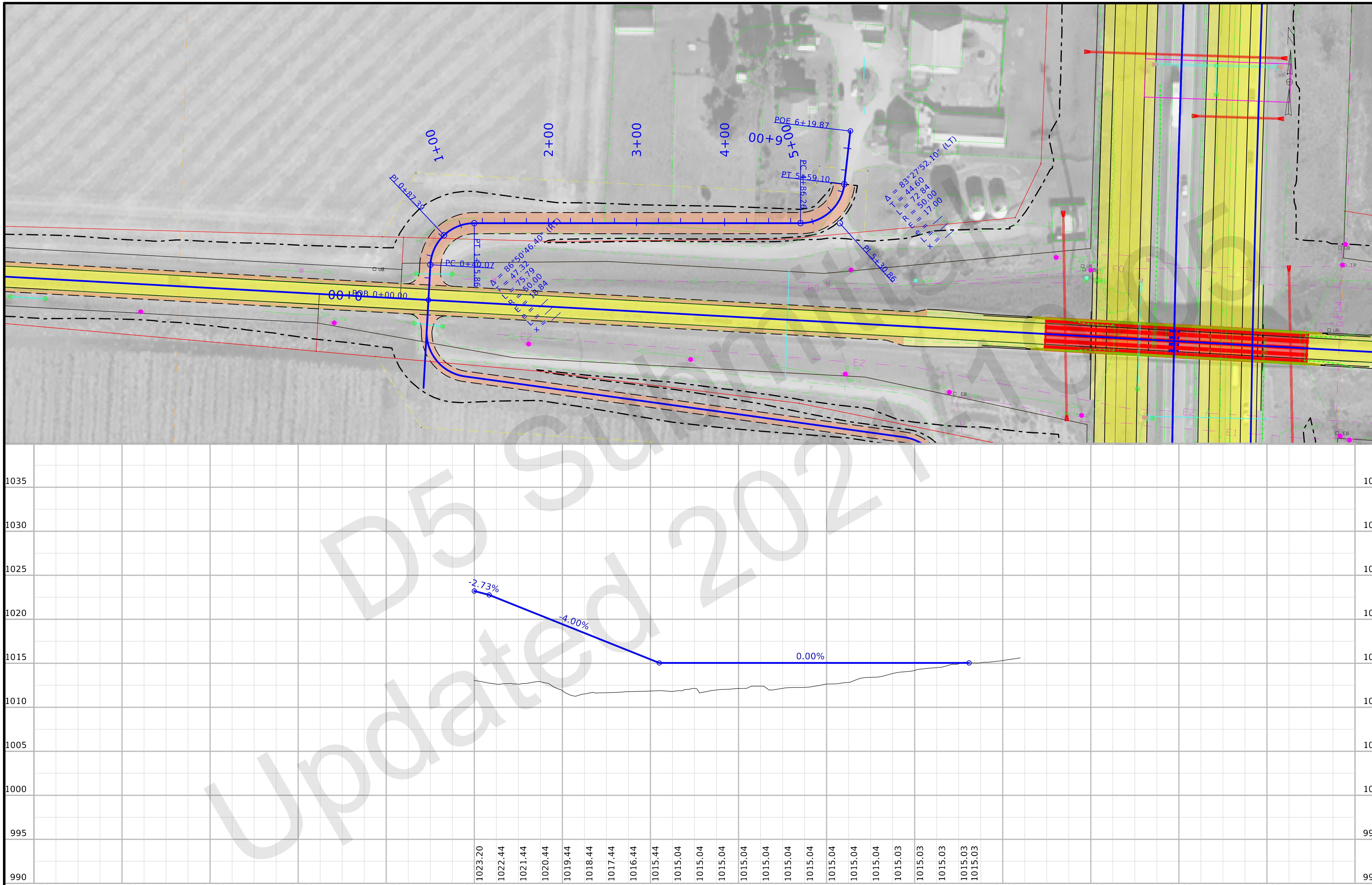
12:18:36 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E08_77035309Z08_SR315.dgn

Test



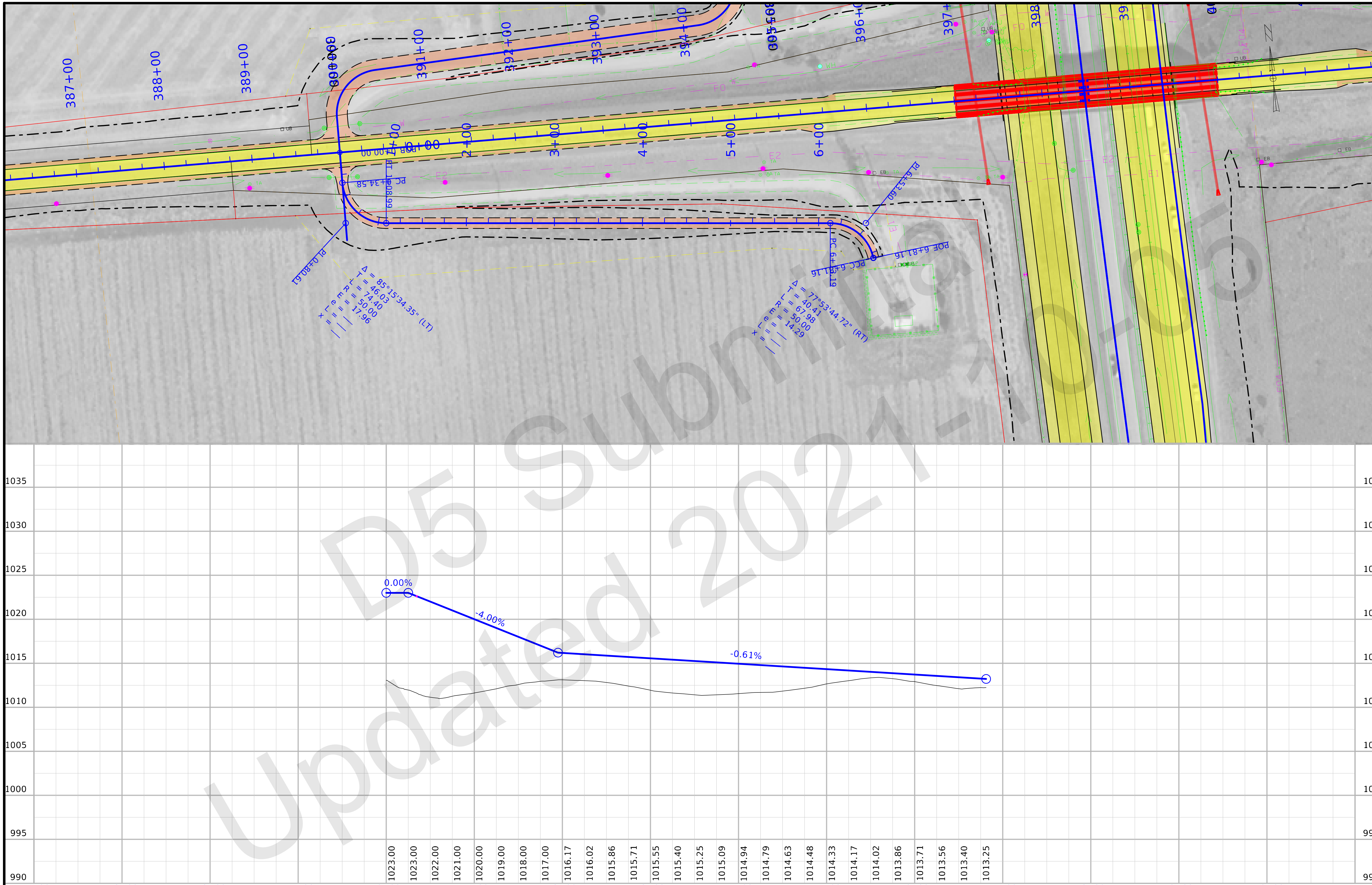
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER	IM-035-4(309)95--13-77	SHEET NUMBER	E.19

12:19:15 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E09_77035309Z08_ENT166R.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.20

12:19:56 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E10_77035309Z08_ENT390L.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER E.21

12:20:20 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\E11_77035309Z08_ENT390R.dgn

Survey Information

Polk/Story County
IM-NHS-035-4(244)95--03-77
I-35 from NE 36th St. in Ankeny to 1 Mi. N. of IA 210
PIN: 15-77-035-040
Project Directory: 7703504015
SAP: 0916

General Information

Measurement units for this survey are US survey feet. This survey is for the future widening of I-35 from just north of NE 36th St in Ankeny to 1 mile north of Highway 210. This survey is a partial DTM survey.

Project Control

Vertical datum for this survey is relative to NAVD88.

The project coordinate system is the Iowa Regional Coordinate System, Zone 8. Horizontal datum is NAD83 (2011) for Epoch 2010.00. The projection parameters for Zone 8 of the IaRCS is defined below:

Transverse Mercator Projection
Origin Lat: 40°15'N
Origin Central Meridian: 093°43'W
Projection Axis Scale: 1.000033
False Northing: 7,000,000
False Easting: 18,500,000

The IaRTN base stations are the primary control for this project. The IDOT Survey Office provided secondary control for nine FENO monuments in the project vicinity. The positions of the secondary control were verified using the IaRTN with two 30 second observations with appropriate time spans between. The averaged observations were within tolerance and the provided coordinate values were accepted. Additional temporary control points were placed throughout the project using a base station on a secondary control point with multiple observations. Observations were averaged to determine temporary control positions.

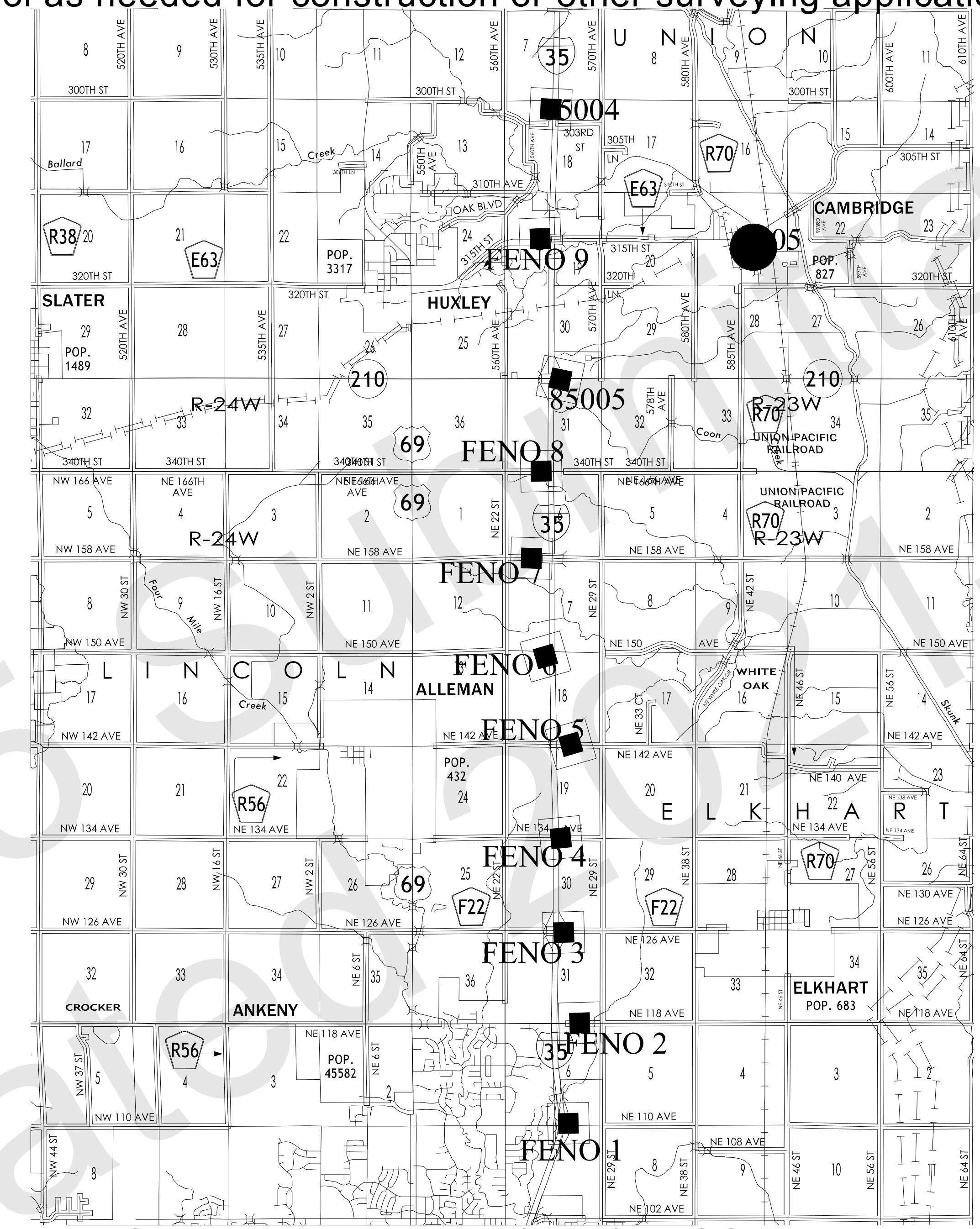
No additional permanent control points or benchmarks were established for this survey.

Alignment Information

No alignments were created as a part of this survey. The alignments shown in this survey were created by the District 1 ROW Survey Office.

CONTROL POINT VICINITY MAP

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



HORIZ. DATUM: NAD83(2011) EPOCH 2013.00
VERT. DATUM: NAVD88
Ia. Regional Coordinate System Zone 8

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 2013.00

VERT. DATUM: NAVD88

Ia. Regional Coordinate System Zone 8

Name	Northing	Easting	Elevation	Feature Definition
605	7600630.3	18551155	867.208	CP
85004	7608516.4	18539590	951.995	FENO
85005	7593082.4	18540141	1005.369	FENO
FENO 1	7550657.8	18540596	960.987	FENO
FENO 2	7556385.3	18541241	964.573	FENO
FENO 3	7561546.1	18540332	977.048	FENO
FENO 4	7566933.7	18540165	991.281	FENO
FENO 5	7572284.1	18540734	1004.76	FENO
FENO 6	7577289.1	18539289	1000.252	FENO
FENO 7	7582894.8	18538491	996.169	FENO
FENO 8	7587866.4	18539044	989.495	FENO
FENO 9	7601127.1	18538990	951.433	FENO

Name Description

605
FOUND PK NAIL AT BACK OF WALKS AT VETERANS MEMORIAL IN CAMBRIDGE, IA. THIS IS A TEMPORARY BENCHMARK FOR NGS MARK MH400. ALSO USED ON THE STORY COUNTY GPS NETWORK ADJUSTMENT. CALLED CP 605

85004
FND FENO TYPE MONUMENT WITH BRASS CAP. IN THE WEIGHT STATION ON I-35 SB. 111.3 FT NW OF THE NW CORNER OF THE WEIGHT STATION CONCRETE PAD. 40.6 FT NORTH OF THE 1ST LIGHT POLE NORTH OF THE WEIGH STATION SIDEWALK. 77.2 FT SE OF THE 2ND LIGHT POLE.

85005
FND FENO TYPE MONUMENT WITH BRASS CAP. IN THE HWY 210 ON RAMP FROM I-35 NORTH. 36.2 FT SW OF STOP SIGN. 106.1 FT SE OF LIGHT POLE ON THE NORTH OF HWY 210. 196.6 E OF 35 NORTH SIGN.

FENO 1
SET FENO TYPE MONUMENT 0.4 FT BELOW GROUND SURFACE. ON THE NE QUADRANT OF THE NE 36TH ST/ I-35 INTERCHANGE. 40 FT N OF EDGE OF SIDEWALK. 18 FT W OF END FENCE POST. 12 FT W OF EDGE OF FIBER OPTIC VAULT. 55 FT E OF CTR OF MH LID.

FENO 2
SET FENO TYPE MONUMENT 0.4 FT BELOW GROUND SURFACE. ON NE 118TH AVE @ FIELD ENTRANCE 0.25 MILES W OF NE 29TH ST/ NE 118TH AVE. 14 FT N OF EDGE OF ROAD. 5FT NW OF E END DRIVE PIPE. 4FT W OF E GATE POST. 26 FT EOF W GATE POST.

FENO 3
SET FENO TYPE MONUMENT 0.4 FT BELOW GROUND SURFACE. ON SE QUADRANT OF NE 126TH AVE/ I-35 INTERCHANGE. 86 FT S OF EDGE OF CONCRETE AT STA MARKER 1497. 35 FT SE IF WATER MAIN SIGN. 91 FT SW OF STOP SIGN. 65 FT NW OF EDGE OF RAMP ASPHALT.

FENO 4
SET FENO TYPE MONUMENT 0.4 FT BELOW GROUND SURFACE. 415 FT W OF EN OF ASPHALT @ 134TH AVE. 122 FT EAST OF END OF GUARD RAIL POST. 102 FT NORTHEAST OF TOP OF A TELEPHONE PEDESTAL. 62 FT SOUTHWEST OF ORANGE FIBER OPTIC SIGN POST.

FENO 5
SET FENO TYPE MONUMENT 0.4 FT BELOW GROUND SURFACE. ON NE 142ND AVE. 0.34 MILES W OF NE 29TH ST/ NE 142ND AVENUE INT. 29 FT N OF EDGE OF WBL PAINT STRIPE. 25 FT NE OF "NO PASSING" SIGN. 10 FT NE OF CTR OF W END CUL. 78 FT W OF TOP OF TPD

FENO 6
SET FENO TYPE MONUMENT 0.4 FT BELOW GROUND SURFACE. AT THE I35 SOUTHBOUND REST AREA. 83 FT E OF "PRAIRIE PLANTING" SIGN. 65 FT N OF A 2 IN TREE. 70 FT NW OF CUT "X" IN EDGE OF CONCRETE CURB. 73 FT W OF CUT "X" IN EDGE OF CONCRETE CURB.

FENO 7
SET FENO TYPE MONUMENT 0.4 FT BELOW GROUND SURFACE. ON 158TH AVENUE. 0.28 MILES EAST OF NE 22ND ST/ NE 158TH AVENUE INTERSECTION. 9 FT SOUTH OF EDGE OF ROAD. 65 FT NORTH OF TOP OF INLET DRIVE PIPE. 51 FT W/ NORTHWEST OF POWERPOLE.

FENO 8
SET FENO TYPE MONUMENT 0.4 FT BELOW GROUND SURFACE. ON 340TH ST. 0.39 MILES EAST OF NE 22ND ST/340TH ST INTERSECTION. ON A FIELD ENTRANCE 27 FT NORTH OF EDGE OF GRAVEL ROAD. 23 FT NORTHWEST OF TOP INLET DRIVE PIPE.

FENO 9
SET FENO TYPE MONUMENT 0.4 FT BELOW GROUND SURFACE. ON 315TH ST. 0.39 MILES EAST OF 560TH AVE/315TH ST INT. 80 FT SE OF PP TO NORTH. 37 FT NE OF CUT "X" IN CONCRETE EDGE. 23 FT N OF CONC. EDGE WBL. 28 FT NW OF CUT "X" IN CONC EDGE.

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)
1	MLSURB035	433+03.12 R1	7555679.28	18539800.11															
2	MLSURB035							434+85.86 R1	7555861.91	18539793.68	439+77.28 R1	7556353.03	18539776.41	444+68.43 R1	7556844.33	18539787.21			
4	MLSURB035							489+69.68 R1	7561344.49	18539886.13	492+69.71 R1	7561644.44	18539892.72	495+69.71 R1	7561944.47	18539892.95			
6	MLSURB035							540+67.01 R1	7566441.76	18539896.46	545+72.04 R1	7566946.80	18539896.85	550+77.01 R1	7567451.63	18539882.32			
8	MLSURB035							595+89.52 R1	7571962.27	18539752.44	598+89.56 R1	7572262.19	18539743.80	601+89.57 R1	7572562.22	18539742.65			
10	MLSURB035							621+03.20 R1	7574475.84	18539735.33	624+03.23 R1	7574775.87	18539734.19	627+03.24 R1	7575075.81	18539726.87			
12	MLSURB035							646+01.08 R1	7576973.08	18539680.57	649+01.12 R1	7577273.03	18539673.25	652+01.12 R1	7577573.07	18539673.73			
14	MLSURB035							674+69.64 R1	7579841.59	18539677.39	677+69.66 R1	7580141.61	18539677.87	680+69.68 R1	7580441.62	18539677.00			
16	MLSURB035							702+16.53 R1	7582588.47	18539670.78	705+16.56 R1	7582888.50	18539669.91	708+16.58 R1	7583188.49	18539665.20			
18	MLSURB035							751+57.48 R1	7587528.86	18539597.06	754+57.51 R1	7587828.85	18539592.35	757+57.52 R1	7588128.88	18539593.97			
19	MLSURB035	760+57.49 R1	7588428.84	18539595.58															
1	MLSUR035D	267+54.76 R1	7539489.91	18538160.97															
2	MLSUR035D							275+45.34 R1	7540278.32	18538102.56	277+95.38 R1	7540527.69	18538084.09	280+45.39 R1	7540776.39	18538058.29			
4	MLSUR035D				296+63.82 R1	7542386.18	18537891.29				299+43.89 R1	7542664.77	18537862.40				300+83.82 R1	7542804.77	18537858.06
5	MLSUR035D							300+83.82 R1	7542804.77	18537858.06	305+06.64 R1	7543227.39	18537844.98	309+23.55 R1	7543636.16	18537953.11			
6	MLSUR035D				309+23.55 R1	7543636.16	18537953.11				310+63.62 R1	7543771.57	18537988.93				313+43.55 R1	7544036.44	18538079.96
7	MLSUR035D	340+01.15 R1	7546549.75	18538943.71															
1	SURML035E	640+00.00 R1	7546549.75	18538943.71															
2	SURML035E	643+89.99 R1	7546918.57	18539070.47															
3	SURML035E	653+70.10 R1	7547840.82	18539402.22															
4	SURML035E				670+37.15 R1	7549417.37	18539944.03				672+93.85 R1	7549660.13	18540027.46				674+22.15 R1	7549783.39	18540063.29
5	SURML035E							674+22.15 R1	7549783.39	18540063.29	681+58.30 R1	7550490.28	18540268.78	688+78.16 R1	7551224.01	18540209.14			
6	SURML035E				688+78.16 R1	7551224.01	18540209.14				690+06.52 R1	7551351.95	18540198.74				692+63.16 R1	7551606.51	18540165.66
7	SURML035E	699+99.60 R1	7552336.81	18540070.76															
1	MLSURC035							-3+00.01 R1	7587528.86	18539597.06	0+00.02 R1	7587828.85	18539592.35	3+00.03 R1	7588128.88	18539593.97			
3	MLSURC035							0+00.00 R2	7596833.41	18539640.72	3+00.00 R2	7597133.41	18539642.34	6+00.00 R2	7597433.41	18539641.81			
5	MLSURC035							0+00.00 R3	7600790.94	18539635.98	3+00.03 R3	7601090.97	18539635.45	6+00.00 R3	7601390.83	18539645.32			
7	MLSURC035							0+00.00 R4	7607392.75	18539842.76	3+00.01 R4	7607692.59	18539852.62	6+00.00 R4	7607992.55	18539857.82			
9	MLSURC035							0+00.00 R5	7614017.48	18539962.11	3+00.01 R5	7614317.44	18539967.30	6+00.00 R5	7614617.44	18539967.60			
10	MLSURC035	0+00.00 R6	7622420.77	18539975.38															
1	MLSURA035	700+00.00 R1	7552336.81	18540070.76															
2	MLSURA035							710+42.10 R1	7553370.22	18539936.45	716+07.01 R1	7553930.42	18539863.64	721+71.08 R1	7554494.97	18539843.78			
3	MLSURA035	733+56.20 R1	7555679.35	18539802.11															
1	ML035	267+54.76 R1	7539489.91	18538160.97															
2	ML035							275+45.34 R1	7540278.32	18538102.56	277+95.38 R1	7540527.69	18538084.09	280+45.39 R1	7540776.39	18538058.29			
4	ML035				296+63.82 R1	7542386.18	18537891.29				299+43.89 R1	7542664.77	18537862.40				300+83.82 R1	7542804.77	18537858.06
5	ML035							300+83.82 R1	7542804.77	18537858.06	305+06.64 R1	7543227.39	18537844.98	309+23.55 R1	7543636.16	18537953.11			
6	ML035				309+23.55 R1	7543636.16	18537953.11				310+63.62 R1	7543771.57	18537988.93				313+43.55 R1	7544036.44	18538079.96
8	ML035	340+01.15 R1	7546549.75	18538943.71															
9	ML035	343+91.14 R1	7546918.57	18539070.47															
10	ML035	353+71.25 R1	7547840.82	18539402.22															
11	ML035				370+38.30 R1	7549417.37	18539944.03				372+95.00 R1	7549660.13	18540027.46				374+23.30 R1	7549783.39	18540063.29
12	ML035							374+23.30 R1	7549783.39	18540063.29	381+59.45 R1	7550490.28	18540268.78	388+79.30 R1	7551224.01	18540209.14			
13	ML035				388+79.30 R1	7551224.01	18540209.14				390+07.66 R1	7551351.95	18540198.74				392+64.30 R1	7551606.51	18540165.66
15	ML035	400+00.75 R1	7552336.81	18540070.76															
16	ML035							410+42.85 R1	7553370.22	18539936.45	416+07.76 R1	7553930.42	18539863.64	421+71.83 R1	7554494.97	18539843.78			
18	ML035							443+66.33 R1	7556688.12	18539766.62	447+66.44 R1	7557087.98	18539752.55	451+66.34 R1	7557488.00	18539761.35			
20	ML035							490+23.74 R1	7561344.47	18539846.12	493+24.24 R1	7561644.90	18539852.72	496+24.72 R1	7561945.40	18539852.95			
22	ML035							541+19.96 R1	7566440.64	18539856.46	546+25.56 R1	7566946.24	18539856.85	551+31.09 R1	7567451.63	18539842.30			
24	ML035							596+42.44 R1	7571961.11	18539712.45	599+42.99 R1	7572261.53	18539703.80	602+43.51 R1	7572562.08	18539702.65			
26	ML035							621+57.41 R1	7574475.97	18539695.33	624+56.74 R1	7574775.30	18539694.19	627+56.06 R1	7575074.55	18539686.89			
28	ML035							646+53.05 R1	7576970.98	18539640.61	649+54.74 R1	7577272.58	18539633.25	652+56.39 R1	7577574.27	18539633.74			
30	ML035							675+23.75 R1	7579841.62	18539637.39	678+23.71 R1	7580141.58	18539637.87	681+23.67 R1	7580441.54	18539637.00			
32	ML035							702+70.46 R1	7582588.32	18539630.78	705+70.27 R1	7582888.13	18539629.91	708+70.07 R1	7583187.90	18539625.20			
34	ML035							752+10.63 R1	7587527.92	18539557.07	755+11.39 R1	7587828.64	18539552.35	758+12.12 R1	7588129.40	18539553.97			
36	ML035							845+16.44 R1	7596833.48	18539600.72	848+16.33 R1	7597133.48	18539602.34	851+16.22 R1	7597433.37	18539601.81			
38	ML035							884+73.19 R1	7600790.33	18539595.98	887+74.45 R1	7601091.59	18539595.45	890+75.64 R1	7601392.68	18539605.36			
40	ML035							950+79.34 R1	7607393.14	18539802.75	953+79.97 R1	7607693.60	18539812.64	956+80.57 R1	7607994.17	18539817.84			
42	ML035							1017+05.01 R1	7614017.70	18539922.11	1020+05.15 R1	7614317.80	18539927.31	1023+05.29 R1	7614617.95	18539927.60			
43	ML035	1101+08.15 R1	7622420.81	18539935.38															
1	MLSB035	2700+00.00 R1	7552333.33	18540043.99															
2	MLSB035							2710+42.10 R1	7553366.74	18539909.67	2716+08.28 R1	7553928.20	18539836.70	2721+73.62 R1	7554494.02	18539816.79			
4	MLSB035							2746+45.46 R1	7556964.34	18539729.89	2750+14.14 R1	7557332.78	18539716.92	2753+82.61 R1	7557701.37	18539725.03			
5	MLSB035	2760+04.50 R1	7558323.11	18539738.69															
1	MLNB035	3700+00.00 R1	7552340.29	18540097.53															
2	MLNB035							3710+85.66 R1	7553416.89	18539957.61	3716+27.03 R1	7553953.75	18539887.83	3721+67.60 R1	7554494.78	18539868.80			
4	MLNB035							3741+13.74 R1	7556439.72	18539800.37	3744+82.42 R1	7556808.17	18539787.41	3748+50.89 R1	7557176.75	18539795.51			
5	MLNB035	3759+95.72 R1	7558321.30	18539820.67															
1	SR126	130+40.84 R1	7561640.24	18534756.45															
2	SR126	152+77.80 R1	7561652.01	18536993.38															
3	SR126	162+50.00 R1	7561651.52	18537965.58															
4	SR126	200+25.00 R1	7561638.89	18541740.55															

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)
5	SR126	207+24.99 R1	7561636.80	18542440.55															
5	SR126	208+54.42 R1	7561636.41	18542569.98															
1	SR126EB							0+00.00 R1	7561651.48	18537975.12	1+35.14 R1	7561651.03	18538110.26	2+70.27 R1	7561646.58	18538245.33			
2	SR126EB							2+70.27 R1	7561646.58	18538245.33	4+05.41 R1	7561642.13	18538380.40	5+40.54 R1	7561641.68	18538515.55			
4	SR126EB							32+15.54 R1	7561632.73	18541190.53	33+50.68 R1	7561632.28	18541325.67	34+85.81 R1	7561635.83	18541460.77			
5	SR126EB							34+85.81 R1	7561635.83	18541460.77	36+20.95 R1	7561639.37	18541595.87	37+56.08 R1	7561638.92	18541731.01			
1	SR126WB							0+00.00 R1	7561651.48	18537975.12	1+35.14 R1	7561651.03	18538110.26	2+70.27 R1	7561654.58	18538245.36			
2	SR126WB							2+70.27 R1	7561654.58	18538245.36	4+05.41 R1	7561658.13	18538380.46	5+40.54 R1	7561657.68	18538515.60			
4	SR126WB							32+15.54 R1	7561648.73	18541190.58	33+50.68 R1	7561648.28	18541325.73	34+85.81 R1	7561643.83	18541460.80			
5	SR126WB							34+85.81 R1	7561643.83	18541460.80	36+20.95 R1	7561639.37	18541595.87	37+56.08 R1	7561638.92	18541731.01			
1	RMPA126	1556+79.36 R1	7558000.06	18539849.62															
2	RMPA126	1559+79.60 R1	7558299.72	18539868.21															
3	RMPA126	1569+79.60 R1	7559299.48	18539890.19															
4	RMPA126	1574+00.00 R1	7559718.23	18539927.36															
5	RMPA126							1575+50.00 R1	7559867.65	18539940.63	1579+32.90 R1	7560249.05	18539974.49	1583+06.65 R1	7560590.97	18540146.83			
7	RMPA126							1585+06.50 R1	7560769.43	18540236.78	1588+67.58 R1	7561091.87	18540399.30	1592+15.69 R1	7561452.96	18540400.51			
8	RMPA126	1594+06.10 R1	7561643.37	18540401.15															
1	RMPB126	2494+79.36 R1	7565242.02	18539778.52															
2	RMPB126	2497+79.60 R1	7564942.03	18539766.29															
3	RMPB126	2507+79.60 R1	7563942.03	18539765.51															
4	RMPB126	2512+00.00 R1	7563522.58	18539737.22															
5	RMPB126							2513+50.00 R1	7563372.92	18539727.12	2517+32.28 R1	7562991.51	18539701.40	2521+05.45 R1	7562646.47	18539536.82			
7	RMPB126							2523+05.45 R1	7562465.95	18539450.71	2526+48.97 R1	7562155.90	18539302.82	2529+81.29 R1	7561812.37	18539301.67			
8	RMPB126	2531+46.61 R1	7561647.05	18539301.12															
1	RMPC126	3492+48.53 R1	7561643.37	18540401.15															
2	RMPC126							3493+68.26 R1	7561759.12	18540370.54	3494+50.50 R1	7561838.63	18540349.53	3495+32.58 R1	7561915.43	18540320.10			
4	RMPC126							3502+16.73 R1	7562554.30	18540075.35	3504+29.60 R1	7562753.08	18539999.20	3506+40.87 R1	7562963.44	18539966.59			
5	RMPC126							3506+40.87 R1	7562963.44	18539966.59	3507+95.74 R1	7563116.48	18539942.87	3509+50.00 R1	7563271.36	18539942.99			
7	RMPC126	3519+50.00 R1	7564271.36	18539943.77															
7	RMPC126	3525+50.12 R1	7564871.36	18539932.23															
1	RMP126D	4561+07.10 R1	7561647.05	18539301.12															
2	RMP126D							4562+57.10 R1	7561502.03	18539339.45	4563+54.62 R1	7561407.75	18539364.38	4564+51.87 R1	7561317.41	18539401.07			
4	RMP126D							4569+34.54 R1	7560870.21	18539582.68	4573+48.01 R1	7560487.12	18539738.25	4577+50.00 R1	7560073.74	18539729.16			
6	RMP126D	4587+50.00 R1	7559073.98	18539707.19															
6	RMP126D	4593+50.12 R1	7558473.86	18539706.00															
1	SR134	217+76.72 R1	7566985.12	18537003.94															
2	SR134	246+26.13 R1	7566947.38	18539853.10															
2	SR134	273+43.11 R1	7566912.94	18542569.86															
1	SR142	371+51.13 R1	7572313.29	18537009.25															
2	SR142	384+00.00 R1	7572289.96	18538257.90															
3	SR142	414+00.00 R1	7572234.40	18541257.39															
3	SR142	426+76.37 R1	7572211.01	18542533.55															
1	RMPRESTAREAA	1492+75.29 R1	7571594.97	18539800.03															
2	RMPRESTAREAA	1495+75.53 R1	7571895.19	18539803.39															
3	RMPRESTAREAA							1496+44.04 R1	7571963.67	18539801.42	1499+43.48 R1	7572262.99	18539792.80	1502+42.89 R1	7572562.42	18539791.65			
5	RMPRESTAREAA	1505+73.31 R1	7572892.84	18539790.39															
6	RMPRESTAREAA	1513+55.04 R1	7573673.03	18539839.41															
7	RMPRESTAREAA							1515+26.22 R1	7573843.88	18539850.14	1516+29.86 R1	7573947.31	18539856.64	1517+33.07 R1	7574048.48	18539879.08			
9	RMPRESTAREAA							1524+16.42 R1	7574715.62	18540027.05	1524+46.63 R1	7574745.11	18540033.59	1524+76.55 R1	7574775.32	18540032.92			
10	RMPRESTAREAA	1538+99.84 R1	7576198.25	18540001.23															
1	RMPRESTAREAB	2542+04.36 R1	7579841.75	18539555.48															
2	RMPRESTAREAB	2543+81.97 R1	7579664.29	18539548.10															
3	RMPRESTAREAB	2553+81.97 R1	7578664.29	18539546.49															
4	RMPRESTAREAB	2558+02.37 R1	7578244.87	18539517.85															
5	RMPRESTAREAB							2558+79.48 R1	7578167.95	18539512.60	2559+91.95 R1	7578055.73	18539504.94	2561+03.89 R1	7577946.40	18539478.54			
7	RMPRESTAREAB							2564+49.29 R1	7577610.65	18539397.47	2565+54.22 R1	7577508.65	18539372.84	2566+58.00 R1	7577403.73	18539375.02			
8	RMPRESTAREAB	2580+54.16 R1	7576007.87	18539404.00															
1	RMPRESTAREAC	3538+43.34 R1	7576198.23	18540060.43															
2	RMPRESTAREAC							3538+75.78 R1	7576230.66	18540059.70	3538+93.00 R1	7576247.88	18540059.31	3539+10.10 R1	7576264.66	18540055.41			
4	RMPRESTAREAC							3551+48.25 R1	7577470.68	18539775.19	3553+79.17 R1	7577695.61	18539722.93	3556+08.06 R1	7577926.54	18539723.30			
6	RMPRESTAREAC	3566+08.06 R1	7578926.53	18539724.91															
6	RMPRESTAREAC	3572+08.18 R1	7579526.55	18539713.88															
1	RMPRESTAREAD	4508+28.25 R1	7576007.08	18539344.61															
2	RMPRESTAREAD							4508+43.42 R1	7575991.91	18539344.91	4508+59.87 R1	7575975.47	18539345.25	4508+76.22 R1	7575959.40	18539348.78			
4	RMPRESTAREAD							4518+53.79 R1	7575004.68	18539558.96	4520+63.47 R1	7574799.91	18539604.04	4522+71.62 R1	7574590.24	18539605.67			
5	RMPRESTAREAD							4522+71.62 R1	7574590.24	18539605.67	4523+28.93 R1	7574532.94	18539606.12	4523+86.23 R1	7574475.63	18539606.33			
7	RMPRESTAREAD	4532+71.27 R1	7573590.60	18539609.72															
7	RMPRESTAREAD	4538+71.39 R1	7572990.65	18539624.01															

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)
1	RMPRESTAREAH							8506+27.85 R1	7576128.66	18539126.37	8508+12.87 R1	7575943.69	18539130.55	8509+76.03 R1	7575822.92	18539270.72			
2	RMPRESTAREAH							8509+76.03 R1	7575822.92	18539270.72	8510+96.83 R1	7575744.07	18539362.23	8512+10.10 R1	7575627.02	18539392.12			
3	RMPRESTAREAH	8518+54.11 R1	7575003.03	18539551.45															
1	SUR158	4677+93.37 R1	7582947.64	18537001.13															
2	SUR158	4706+66.10 R1	7582885.63	18539873.19															
2	SUR158	4733+16.83 R1	7582826.95	18542523.27															
1	SR340	529+45.83 R1	7587826.89	18536988.35															
2	SR340	555+11.41 R1	7587829.43	18539553.93															
2	SR340	584+11.56 R1	7587832.30	18542454.08															
1	SRIA210	973+12.91 R1	7593115.96	18531665.28															
1	SRIA210	1089+31.49 R1	7593160.49	18543283.79															
1	SREBIA210							0+00.00 R1	7593139.12	18537706.87	1+35.14 R1	7593139.64	18537842.02	2+70.27 R1	7593136.15	18537977.12			
2	SREBIA210							2+70.27 R1	7593136.15	18537977.12	4+05.41 R1	7593132.67	18538112.22	5+40.54 R1	7593133.19	18538247.36			
4	SREBIA210							32+00.54 R1	7593143.38	18540907.34	33+35.68 R1	7593143.90	18541042.48	34+70.81 R1	7593148.42	18541177.55			
5	SREBIA210							34+70.81 R1	7593148.42	18541177.55	36+05.95 R1	7593152.94	18541312.62	37+41.08 R1	7593153.46	18541447.77			
1	SRWBIA210							0+00.00 R1	7593139.12	18537706.87	1+35.14 R1	7593139.64	18537842.02	2+70.27 R1	7593144.15	18537977.09			
2	SRWBIA210							2+70.27 R1	7593144.15	18537977.09	4+05.41 R1	7593148.67	18538112.16	5+40.54 R1	7593149.19	18538247.30			
4	SRWBIA210							32+00.54 R1	7593159.38	18540907.28	33+35.68 R1	7593159.90	18541042.42	34+70.81 R1	7593156.42	18541177.52			
5	SRWBIA210							34+70.81 R1	7593156.42	18541177.52	36+05.95 R1	7593152.94	18541312.62	37+41.08 R1	7593153.46	18541447.77			
1	RMPIA210A	1572+79.36 R1	7589597.06	18539638.85															
2	RMPIA210A	1575+79.60 R1	7589896.99	18539652.47															
3	RMPIA210A	1585+79.60 R1	7590896.97	18539657.84															
4	RMPIA210A	1590+00.00 R1	7591316.28	18539688.05															
5	RMPIA210A							1591+50.00 R1	7591465.90	18539698.84	1595+32.19 R1	7591847.10	18539726.31	1599+05.28 R1	7592191.31	18539892.40			
7	RMPIA210A							1601+05.28 R1	7592371.44	18539979.32	1604+58.21 R1	7592689.30	18540132.70	1607+99.00 R1	7593042.22	18540131.34			
8	RMPIA210A	1609+05.19 R1	7593148.41	18540130.94															
1	RMPB210	2509+29.36 R1	7596688.84	18539522.95															
2	RMPB210	2512+29.60 R1	7596388.91	18539509.33															
3	RMPB210	2522+29.60 R1	7595388.93	18539503.96															
4	RMPB210	2526+50.00 R1	7594969.62	18539473.75															
5	RMPB210							2527+52.83 R1	7594867.05	18539466.35	2531+37.13 R1	7594483.75	18539438.73	2535+12.17 R1	7594137.98	18539271.02			
7	RMPB210							2537+12.17 R1	7593958.03	18539183.74	2540+66.73 R1	7593639.01	18539029.00	2544+08.99 R1	7593284.45	18539030.36			
8	RMPB210	2545+49.26 R1	7593144.19	18539030.90															
1	RMPC210	3507+54.76 R1	7593148.41	18540130.94															
2	RMPC210							3508+84.54 R1	7593273.63	18540096.87	3509+86.11 R1	7593371.64	18540070.20	3510+87.39 R1	7593465.27	18540030.82			
4	RMPC210							3515+92.83 R1	7593931.16	18539834.82	3518+43.14 R1	7594161.89	18539737.75	3520+90.87 R1	7594409.42	18539700.55			
5	RMPC210							3520+90.87 R1	7594409.42	18539700.55	3522+45.74 R1	7594562.58	18539677.53	3524+00.00 R1	7594717.45	18539678.36			
7	RMPC210	3534+00.00 R1	7595717.43	18539683.73															
7	RMPC210	3540+00.12 R1	7596317.49	18539674.95															
1	RMPD210	4574+98.54 R1	7593144.19	18539030.90															
2	RMPD210							4576+21.66 R1	7593023.03	18539052.74	4578+12.32 R1	7592835.39	18539086.57	4580+01.03 R1	7592661.79	18539165.42			
4	RMPD210							4583+36.61 R1	7592356.24	18539304.19	4586+15.53 R1	7592102.29	18539419.53	4588+90.87 R1	7591826.48	18539460.98			
5	RMPD210							4588+90.87 R1	7591826.48	18539460.98	4590+45.74 R1	7591673.32	18539484.00	4592+00.00 R1	7591518.45	18539483.17			
7	RMPD210	4602+00.00 R1	7590518.47	18539477.80															
7	RMPD210	4608+00.12 R1	7589918.41	18539486.58															
1	TRAIL	100+00.00 R1	7598700.01	18537456.22															
2	TRAIL	102+95.28 R1	7598732.73	18537749.68															
3	TRAIL	104+62.75 R1	7598751.08	18537916.15															
4	TRAIL	111+63.23 R1	7598825.87	18538612.62															
5	TRAIL	116+09.23 R1	7598859.23	18539057.37															
6	TRAIL							119+78.51 R1	7598880.51	18539426.04	121+03.78 R1	7598887.73	18539551.10	122+29.00 R1	7598889.73	18539676.34			
8	TRAIL	129+60.98 R1	7598901.39	18540408.22															
9	TRAIL	132+38.86 R1	7598908.15	18540686.02															
10	TRAIL	135+29.68 R1	7598919.00	18540976.64															
11	TRAIL	141+75.67 R1	7598942.38	18541622.20															
12	TRAIL	145+12.78 R1	7598952.49	18541959.17															
13	TRAIL							147+67.25 R1	7598965.01	18542213.33	147+78.25 R1	7598965.55	18542224.32	147+89.25 R1	7598965.61	18542235.32			
15	TRAIL							150+75.56 R1	7598968.25	18542521.62	150+85.77 R1	7598968.35	18542531.82	150+95.95 R1	7598969.47	18542541.96			
16	TRAIL							150+95.95 R1	7598969.47	18542541.96	152+44.93 R1	7598985.96	18542690.03	153+93.73 R1	7598989.80	18542838.96			
18	TRAIL							159+66.94 R1	7599004.59	18543411.97	159+91.44 R1	7599005.22	18543436.46	160+15.94 R1	7599006.06	18543460.95			
20	TRAIL	161+44.34 R1	7599010.40	18543589.28															
21	TRAIL	165+40.73 R1	7599021.91	18543985.50															
22	TRAIL	173+18.85 R1	7599045.18	18544763.28															
23	TRAIL	182+96.72 R1	7599077.72	18545740.60															
24	TRAIL	189+01.63 R1	7599093.72	18546345.30															
25	TRAIL	191+32.78 R1	7599099.75	18546576.37															
26	TRAIL	192+62.67 R1	7599104.46	18546706.17															
27	TRAIL	198+96.50 R1	7599121.38	18547339.78															
28	TRAIL	200+48.73 R1	7599126.53	18547491.92															
29	TRAIL							201+39.93 R1	7599131.53	18547582.99	201+52.97 R1	7599131.77	18547596.02	201+65.89 R1	7599129.21	18547608.80			
31	TRAIL							202+92.08 R1	7599099.92	18547731.53	203+15.62 R1	7599094.45	18547754.43	203+38.94 R1	7599094.45	18547777.97			

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)
33	TRAIL							203+86.83 R1	7599094.45	18547825.86	204+11.99 R1	7599094.45	18547851.02	204+36.83 R1	7599101.35	18547875.22			
35	TRAIL							204+92.19 R1	7599116.53	18547928.45	205+28.82 R1	7599126.58	18547963.68	205+65.08 R1	7599127.85	18548000.28			
37	TRAIL	215+81.17 R1	7599163.19	18549015.76															
38	TRAIL	220+15.41 R1	7599173.63	18549449.87															
39	TRAIL	222+88.45 R1	7599183.48	18549722.74															
40	TRAIL							223+97.29 R1	7599184.94	18549831.56	224+34.81 R1	7599185.44	18549869.08	224+72.29 R1	7599183.14	18549906.52			
42	TRAIL							230+89.97 R1	7599145.14	18550523.04	231+40.01 R1	7599142.07	18550572.97	231+89.86 R1	7599146.33	18550622.82			
44	TRAIL							233+59.09 R1	7599160.75	18550791.44	234+09.56 R1	7599165.06	18550841.72	234+59.09 R1	7599185.57	18550887.83			
46	TRAIL							234+85.50 R1	7599196.31	18550911.96	235+85.05 R1	7599236.78	18551002.92	236+82.04 R1	7599239.33	18551102.44			
48	TRAIL	240+42.80 R1	7599248.56	18551463.08															
49	TRAIL	251+26.53 R1	7599282.99	18552546.27															
50	TRAIL							256+16.02 R1	7599296.42	18553035.58	258+16.98 R1	7599301.93	18553236.46	260+17.79 R1	7599320.87	18553436.53			
52	TRAIL	262+83.74 R1	7599345.94	18553701.29															
52	TRAIL	265+76.28 R1	7599376.15	18553992.27															
1	SR315	2101+95.49 R1	7601095.46	18536932.52															
2	SR315							2131+93.24 R1	7601090.69	18539930.26	2133+10.98 R1	7601090.50	18540048.00	2134+28.64 R1	7601097.53	18540165.52			
4	SR315							2137+80.96 R1	7601118.57	18540517.21	2138+92.00 R1	7601125.21	18540628.06	2140+02.99 R1	7601125.24	18540739.11			
5	SR315	2157+54.44 R1	7601125.82	18542490.56															
1	ENT163L	0+00.00 R1	7561651.35	18538014.58															
1	ENT163L	1+00.00 R1	7561751.35	18538014.91															
1	ENT163RA	0+00.00 R1	7561651.34	18538018.58															
1	ENT163RA	1+00.00 R1	7561551.39	18538021.75															
1	GEOMBL	0+00.00 R1	7561614.29	18538019.75															
1	GEOMBL	0+75.00 R1	7561555.34	18537973.39															
1	ENT165L	0+00.00 R1	7561650.45	18538285.57															
1	ENT165L	1+00.00 R1	7561750.45	18538285.91															
1	ENT166R	0+00.00 R1	7561650.04	18538406.57															
2	ENT166R							0+75.00 R1	7561575.04	18538406.32	1+92.69 R1	7561457.35	18538405.93	2+63.83 R1	7561449.88	18538523.38			
4	ENT166R							4+57.24 R1	7561437.59	18538716.41	4+98.35 R1	7561434.98	18538757.44	5+36.68 R1	7561408.53	18538788.91			
5	ENT166R	7+49.32 R1	7561271.69	18538951.67															
1	ENT166L	0+00.00 R1	7561650.04	18538406.57															
1	ENT166L	1+00.00 R1	7561750.04	18538406.91															
1	GEOENT198R	0+00.00 R1	7561639.57	18541537.56															
1	GEOENT198R	1+00.00 R1	7561539.57	18541537.22															
1	ENT390R	0+00.00 R1	7572278.84	18538857.80															
2	ENT390R							0+34.58 R1	7572244.27	18538857.16	0+80.61 R1	7572198.25	18538856.31	1+08.99 R1	7572193.60	18538902.10			
4	ENT390R							6+13.19 R1	7572142.63	18539403.72	6+53.60 R1	7572138.55	18539443.92	6+81.16 R1	7572098.38	18539448.36			
1	ENT309L	0+00.00 R1	7572278.84	18538857.80															
2	ENT309L							0+40.07 R1	7572318.91	18538858.54	0+87.39 R1	7572366.22	18538859.42	1+15.86 R1	7572367.95	18538906.71			
4	ENT309L							4+86.26 R1	7572381.47	18539276.87	5+30.86 R1	7572383.10	18539321.44	5+59.10 R1	7572427.57	18539324.89			
5	ENT309L	6+19.87 R1	7572488.15	18539329.60															
1	ENT408L	0+00.00 R1	7572243.90	18540744.48															
1	ENT408L	2+50.00 R1	7572493.85	18540749.11															
1	ENT410R	0+00.00 R1	7572241.40	18540879.45															
1	ENT410R	1+00.00 R1	7572141.41	18540877.60															
1	ENT413R	0+00.00 R1	7572235.19	18541214.40															
1	ENT413R	1+00.00 R1	7572135.21	18541212.54															
1	ENT4712R	0+00.00 R1	7582872.04	18540486.94															
1	ENT4712R	2+00.00 R1	7582672.09	18540482.51															
1	ENT4714L	0+00.00 R1	7582869.38	18540606.91															
1	ENT4714L	2+00.00 R1	7583069.33	18540611.34															
1	ENT4716R	0+00.00 R1	7582864.96	18540806.86															
1	ENT4716R	2+00.00 R1	7582665.01	18540802.43															
1	ENT1038L	0+00.00 R1	7593141.11	18538227.33															
1	ENT1038L	2+00.00 R1	7593341.11	18538226.56															
1	ENT1065R	0+00.00 R1	7593151.23	18540865.81															
1	ENT1065R	3+00.00 R1	7592851.23	18540866.96															
1	ENT2132R	0+00.00 R1	7601090.68	18539937.04															
1	ENT2132R	1+00.00 R1	7600990.68	18539937.06															
1	ENT2132L	0+00.00 R1	7601090.68	18539937.04															
1	ENT2132L	1+00.00 R1	7601190.68	18539937.02															

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)
1	ENT2134R	0+00.00 R1	7601098.81	18540186.84															
1	ENT2134R	1+00.00 R1	7600998.99	18540192.82															

SPIRAL OR CIRCULAR CURVE DATA

Name	Location	ΔSCS	Horizontal Alignment Data: Spiral Data: θS	Ls	Ts	Es	Xc	Yc	L.T.	S.T.	Curve Data: ΔC	T	L	R	E	Remarks
C1	MLSURB035										3°16'26.7"	491.420	982.573	17195	7.021	
C2	MLSURB035										1°12'52.5"	300.030	600.038	28306	1.590	
C3	MLSURB035										1°41'38.3"	505.037	1010.000	34162	3.733	
C4	MLSURB035										1°25'48.7"	300.040	600.049	24039	1.872	
C5	MLSURB035										1°10'43.3"	300.030	600.039	29168	1.543	
C6	MLSURB035										1°29'24.2"	300.040	600.046	23073	1.951	
C7	MLSURB035										0°15'29.7"	300.020	600.039	133125	0.338	
C8	MLSURB035										0°43'59.9"	300.030	600.052	46884	0.960	
C9	MLSURB035										1°12'25.6"	300.030	600.038	28481	1.580	
C1	MLSUR035D										1°41'07.2"	250.044	500.052	17000	1.839	
C2	MLSUR035D	24°53'19.7"	4°08'56.4"	T1901xt	T1902xt	T1900xt	T1901xt	T1900xt	T1900xt	T1900xt	16°35'26.9"	422.827	839.736	2900	30.662	
C1	SURML035E	26°22'13.6"	2°45'26.5"	T1901xt	T1903xt	T1900xt	T1901xt	T1900xt	T1900xt	T1900xt	20°51'20.6"	736.148	1456.004	4000	67.175	
C1	MLSURC035										1°12'25.6"	300.030	600.038	28481	1.580	
C2	MLSURC035										0°24'26.7"	300.000	599.997	84381	0.533	
C3	MLSURC035										1°59'01.6"	300.030	600.000	17329	2.597	
C4	MLSURC035										0°53'32.8"	300.006	600.000	38521	1.168	
C5	MLSURC035										0°56'04.6"	300.007	600.000	36783	1.223	
C1	MLSURA035										5°23'25.8"	564.908	1128.982	12000	13.289	
C1	ML035										1°41'07.2"	250.044	500.052	17000	1.839	
C2	ML035	24°53'19.7"	4°08'56.4"	T1901xt	T1902xt	T1900xt	T1901xt	T1900xt	T1900xt	T1900xt	16°35'26.9"	422.827	839.736	2900	30.662	
C3	ML035	26°22'13.6"	2°45'26.5"	T1901xt	T1903xt	T1900xt	T1901xt	T1900xt	T1900xt	T1900xt	20°51'20.6"	736.148	1456.004	4000	67.175	
C4	ML035										5°23'25.7"	564.907	1128.980	12000	13.289	
C5	ML035										3°16'26.7"	400.112	800.006	14000	5.716	
C6	ML035										1°12'52.5"	300.500	600.978	28350	1.593	
C7	ML035										1°41'38.3"	505.604	1011.134	34200	3.737	
C8	ML035										1°25'48.7"	300.551	601.070	24080	1.876	
C9	ML035										1°10'43.3"	299.336	598.650	29100	1.540	
C10	ML035										1°29'24.2"	301.688	603.343	23200	1.961	
C11	ML035										0°15'29.7"	299.963	599.926	133100	0.338	
C12	ML035										0°43'59.9"	299.811	599.613	46850	0.959	
C13	ML035										1°12'25.6"	300.760	601.497	28550	1.584	
C14	ML035										0°24'26.7"	299.889	599.776	84350	0.533	
C15	ML035										1°59'01.6"	301.256	602.452	17400	2.608	
C16	ML035										0°53'32.8"	300.620	601.228	38600	1.171	
C17	ML035										0°56'04.6"	300.145	600.277	36800	1.224	
C1	MLSB035										5°23'25.8"	566.179	1131.522	12027	13.319	
C2	MLSB035										3°16'26.7"	368.675	737.148	12900	5.267	
C1	MLNB035										5°23'25.8"	541.370	1081.941	11500	12.736	
C2	MLNB035										3°16'26.7"	368.675	737.148	12900	5.267	
C1	SR126EB										1°41'45.9"	135.144	270.269	9130	1.000	
C2	SR126EB										1°41'45.9"	135.144	270.269	9130	1.000	
C3	SR126EB										1°41'45.9"	135.144	270.269	9130	1.000	
C4	SR126EB										1°41'45.9"	135.144	270.269	9130	1.000	
C1	SR126WB										1°41'45.9"	135.144	270.269	9130	1.000	
C2	SR126WB										1°41'45.9"	135.144	270.269	9130	1.000	
C3	SR126WB										1°41'45.9"	135.144	270.269	9130	1.000	
C4	SR126WB										1°41'45.9"	135.144	270.269	9130	1.000	
C1	RMPA126										21°40'34.8"	382.902	756.647	2000	36.324	
C2	RMPA126										26°33'28.9"	361.085	709.193	1530	42.031	
C1	RMPB126										21°38'31.0"	382.279	755.447	2000	36.207	
C2	RMPB126										25°18'32.6"	343.525	675.841	1530	38.091	
C1	RMPC126										6°09'12.7"	82.239	164.321	1530	2.209	
C2	RMPC126										12°09'02.2"	212.867	424.137	2000	11.296	
C54	RMPC126										8°51'21.3"	154.873	309.130	2000	5.987	
C1	RMP126D										7°17'37.3"	97.515	194.767	1530	3.104	
C2	RMP126D										23°21'40.7"	413.476	815.463	2000	42.293	
C1	RMPRESTAREAA										1°25'48.7"	299.440	598.848	23991	1.869	
C2	RMPRESTAREAA										8°54'39.8"	103.634	206.851	1330	4.032	
C3	RMPRESTAREAA										13°46'54.9"	30.213	60.135	250	1.819	
C1	RMPRESTAREAB										9°40'04.3"	112.476	224.419	1330	4.748	
C2	RMPRESTAREAB										14°45'47.8"	104.937	208.711	810	6.769	

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	RMPRESTAREAC										11°46'37.9"	17.224	34.327	167	0.886	
C2	RMPRESTAREAC										13°10'21.1"	230.922	459.808	2000	13.287	
C1	RMPRESTAREAD										11°15'11.9"	16.453	32.800	167	0.809	
C2	RMPRESTAREAD										11°58'11.4"	209.676	417.826	2000	10.961	
C66	RMPRESTAREAD										0°13'34.9"	57.307	114.613	29011	0.057	
C1	RMPRESTAREAH										47°57'17.7"	185.019	348.180	416	39.289	
C2	RMPRESTAREAH										34°55'30.2"	120.799	234.070	384	18.552	
C1	SREBIA210										1°41'45.9"	135.144	270.269	9130	1.000	
C2	SREBIA210										1°41'45.9"	135.144	270.269	9130	1.000	
C3	SREBIA210										1°41'45.9"	135.144	270.269	9130	1.000	
C4	SREBIA210										1°41'45.9"	135.144	270.269	9130	1.000	
C1	SRWBIA210										1°41'45.9"	135.144	270.269	9130	1.000	
C2	SRWBIA210										1°41'45.9"	135.144	270.269	9130	1.000	
C3	SRWBIA210										1°41'45.9"	135.144	270.269	9130	1.000	
C4	SRWBIA210										1°41'45.9"	135.144	270.269	9130	1.000	
C1	RMPIA210A										21°38'13.7"	382.192	755.279	2000	36.190	
C2	RMPIA210A										25°58'43.0"	352.927	693.721	1530	40.178	
C1	RMPB210										21°45'12.3"	384.296	759.337	2000	36.586	
C2	RMPB210										26°05'41.5"	354.563	696.825	1530	40.546	
C1	RMPC210										7°35'47.1"	101.574	202.851	1530	3.368	
C2	RMPC210										14°16'04.3"	250.316	498.043	2000	15.604	
C83	RMPC210										8°51'21.3"	154.873	309.130	2000	5.987	
C1	RMPD210										14°12'24.7"	190.665	379.373	1530	11.834	
C2	RMPD210										15°52'42.0"	278.916	554.258	2000	19.355	
C86	RMPD210										8°51'21.3"	154.873	309.130	2000	5.987	
C1	TRAIL										2°23'31.3"	125.265	250.493	6000	1.307	
C2	TRAIL										2°31'15.7"	11.002	22.000	500	0.121	
C3	TRAIL										5°50'22.6"	10.201	20.384	200	0.260	
C4	TRAIL										4°52'29.2"	148.981	297.783	3500	3.169	
C5	TRAIL										0°28'04.5"	24.500	49.000	6000	0.050	
C6	TRAIL										12°23'42.4"	13.031	25.960	120	0.705	
C7	TRAIL										13°25'30.0"	23.539	46.862	200	1.380	
C8	TRAIL										15°54'55.8"	25.162	50.000	180	1.750	
C9	TRAIL										13°55'19.8"	36.629	72.896	300	2.228	
C10	TRAIL										4°17'49.9"	37.518	75.000	1000	0.704	
C11	TRAIL										8°24'57.6"	50.032	99.883	680	1.838	
C12	TRAIL										19°05'54.9"	50.468	100.000	300	4.215	
C13	TRAIL										22°31'19.3"	99.556	196.542	500	9.815	
C14	TRAIL										3°50'11.8"	200.959	401.768	6000	3.364	
C1	SR315										3°30'54.3"	117.737	235.400	3837	1.806	
C2	SR315										3°24'18.9"	111.048	222.030	3736	1.650	
C1	ENT166R										86°33'04.0"	117.693	188.825	125	46.688	
C2	ENT166R										36°24'44.5"	41.113	79.439	125	6.587	
C1	ENT390R										85°15'34.4"	46.025	74.403	50	17.958	
C2	ENT390R										77°53'44.7"	40.414	67.977	50	14.291	
C1	ENT309L										86°50'46.4"	47.321	75.788	50	18.842	
C2	ENT309L										83°27'52.1"	44.599	72.836	50	17.000	

SUPERELEVATION DATA

See PV-300 Series

Road Identification	Circular Curve or Spiral Curve Name	Radius	Superelevation Data			Standard Road Plan	Section A-A	Section B-B	Section C-C	Section D-D	Section E-E	Section F-F	Case A	Case B	Case C	Case S	Case T	Case U	Remarks
		FT	e %	L FT	x FT														
126th Ave Ramp A		2000	5.4	168	62	PV-303	1575+25.40		1575+50.00	1576+00.40						1575+56.84	1575+56.84		Adjusted for 3% cross slope
							1583+62.25		1583+06.65	1582+56.25						1582+99.80	1582+99.80		
		1530	4.0	96	48	PV-303	1583+91.30	1584+39.30	1585+06.50	1585+35.30						1585+35.30	1585+35.30		
							1593+30.89	1592+82.89	1592+15.69	1591+86.89						1591+86.89	1591+86.89		
126th Ave Ramp B		2000	5.4	168	62	PV-303	2513+25.40		2513+50.00	2514+00.40						2513+56.84	2513+56.84		Adjusted for 3% cross slope
							2521+61.05		2521+05.45	2520+55.05						2520+98.60	2520+98.60		
		1530	4.0	96	48	PV-303	2521+90.25	2522+38.25	2523+05.45	2523+34.25						2523+34.25	2523+34.25		
							2530+96.49	2530+48.49	2529+81.29	2529+52.49						2529+52.49	2529+52.49		
126th Ave Ramp C		1530	4.0	96	48	PV-303	3492+53.06	3493+01.06	3493+68.26	3493+97.06						3493+97.06	3493+97.06		
							3496+47.78	3495+99.78	3495+32.58	3495+03.78						3495+03.78	3495+03.78		
		2000	5.4	168	62	PV-303	3501+61.13		3502+16.73	3502+67.13						3502+23.58	3502+23.58		
126th Ave Ramp D		1530	4.0	96	48	PV-303	4561+41.90	4561+89.90	4562+57.10	4562+85.90						4562+85.90	4562+85.90		
							4565+67.07	4565+19.07	4564+51.87	4564+23.07						4564+23.07	4564+23.07		
		2000	5.4	168	62	PV-303	4568+78.94		4569+34.54	4569+84.94						4569+41.38	4569+41.38		
Rest Area Ramp B		1330	6.0	186	62	PV-303	2559+64.91		2560+02.11	2560+57.91						2559+95.91	2559+95.91		Adjusted for 3% cross slope
							2562+94.72		2562+26.52	2561+70.72						2562+32.72	2562+32.72		
Rest Area Ramp C																			
Rest Area Ramp D		2000	5.4	168	62	PV-303	4517+98.19		4518+53.79	4519+04.19						4518+60.64	4518+60.64		
IA 210 Ramp A		2000	5.4	168	62	PV-303	1591+25.40		1591+50.00	1592+00.40						1591+56.84	1591+56.84		Adjusted for 3% cross slope
							1599+60.88		1599+05.28	1598+54.88						1598+98.43	1598+98.43		
		1530	4.0	96	48	PV-303	1599+90.08	1600+38.08	1601+05.28	1601+34.08						1601+34.08	1601+34.08		
							1608+85.19			1607+70.20						1607+70.20	1607+70.20		
IA 210 Ramp B		2000	5.4	168	62	PV-303	2527+28.23		2527+52.83	2528+03.23						2527+59.68	2527+59.68		Adjusted for 3% cross slope
							2535+67.77		2535+12.17	2534+61.77						2535+05.32	2535+05.32		
		1530	4.0	96	48	PV-303	2535+96.97	2536+44.97	2537+12.17	2537+40.97						2537+40.97	2537+40.97		
							2545+24.20	2544+76.20	2544+09.00	2543+80.20						2543+80.20	2543+80.20		
IA 210 Ramp C		1530	4.0	96	48	PV-303	3507+69.34	3508+17.34	3508+84.54	3509+13.34						3509+13.34	3509+13.34		
							3512+02.59	3511+54.59	3510+87.39	3510+58.59						3510+58.59	3510+58.59		
		2000	5.4	168	62	PV-303	3515+37.23		3515+92.83	3516+43.23						3515+99.67	3515+99.67		
IA 210 Ramp D		1530	4.0	96	48	PV-303	4575+06.46	4575+54.46	4576+21.66	4576+50.46						4576+50.46	4576+50.46		
							4581+16.23	4580+68.23	4580+01.03	4579+72.23						4579+72.23	4579+72.23		
		2000	5.4	168	62	PV-303	4582+81.01		4583+36.61	4583+87.01						4583+43.46	4583+43.46		
315th Street		3837	3.4	87	51	PV-301	2130+81.34	2131+32.34	2131+83.34	2132+19.34			2131+93.24						
							2135+40.54	2134+89.54	2134+38.54	2134+02.54			2134+28.64						

To:	**Nikki Cuva/Jeff Larson** **Office of Right of Way Design**	**Initial Draft:**	March 29th, 2021
District 1:	**Tony Gustafson**	**Project Details:** PIN: Project #: ROW #:	 **15-77-035-040-01** **IM-035-4(309)95--13-77** **IMN-035-4(243)95--0E-77** **IMN-035-4(266)102--0E-85**
TAS:	**Jan Laaser-Webb** **Office of Traffic & Safety**		
From:	**Leilah Armstrong** **Office of Traffic & Safety**	**POLK/STORY COUNTY** **NE 36th St in Ankeny to N of IA 210**	
SUBJECT:	**Access Review**		

PROJECT LOCATION AND DESCRIPTION:

This project includes the reconstruction and widening from 4 – 6-lanes of the I-35 corridor from NE 36th St. in Ankeny to North of IA 210 as well as the reconstruction of the NE 126th St. and IA 210 interchanges.

ACCESS PRIORITY CLASSIFICATION:

I-35
Priority 1 facilities provide for full access control with access allowed at interchanges.

IA 210
Access locations are based off safety and need, and not actively managed.

ACCESS CONTROL LIMITS:

In accordance with chapter 112.11(5): Access rights along intersecting roadways at interchanges, no access shall be allowed for a minimum distance of **600 feet** from point of ramp bifurcation.

Side Road NE 126th Street
No access shall be allowed between stations **166+91 to 198+22**.

Side Road IA 210
No access shall be allowed between stations **1035+00 to 1069+00** except at station **1038+75 LT/RT and 1065+13 RT.**

ACCESS LOCATION DETAILS:

Location	Access	Comments

162+50	**SR126**	Begin Project Construction
162+99 LT	Type C Entrance	**Proposed**
163+03 RT	Type C Entrance	**Proposed**
165+70 LT	Type C Entrance	**Proposed**
166+91 LT	Type C Entrance	**Proposed**
166+91 RT	Type B Entrance	**Proposed –** Relocated from 168+68
168+68 LT	Type B Entrance	**Close**
169+14 RT	Type C Entrance	**Close**
169+29 LT	Type C Entrance	**Close**
195+07 RT	Type C Entrance	**Close**
195+34 LT	Type C Entrance	**Close**
198+22 RT	Type C Entrance	**Proposed**
200+25		End Project Construction
-	-	-
384+00	**SR142**	Begin Project Construction
390+00 LT	Type C Entrance	**Proposed**
390+00 RT	Type C Entrance	**Proposed**
408+87 LT	Type C Entrance	**Proposed**
410+22 RT	Type C Entrance	**Proposed**
413+57 RT	Type C Entrance	**Proposed**
414+00		End Project Construction
-	-	-
4695+00	**SR158**	Begin Project Construction
4712+80 RT	Type C Entrance	**Proposed**
4714+00 LT	Type C Entrance	**Proposed**
4716+00 RT	Type C Entrance	**Proposed**
4717+00		End Project Construction
-	-	-
1033+50	**SR210**	Begin Project Construction
1038+75 LT	Type B Entrance	**Proposed**
1038+75 RT	Type C Entrance	**Proposed –** Relocated from 1041+60
1041+60 RT	Type C Entrance	**Close**
1065+13 RT	Type B Entrance	**Proposed**
1067+36 LT	Type C Entrance	**Close**
1067+36 RT	Type C Entrance	**Close**
1070+00		End Project Construction
-	-	-
2124+25	**SR315**	Begin Project Construction
2131+10 LT	Type C Entrance	**Close**
2131+10 RT	Type C Entrance	**Close**

2132+00 RT	Type C Entrance	**Proposed**
2132+00 LT	Type C Entrance	**Proposed**
2134+50 RT	Type C Entrance	**Proposed**
2135+25	-	End Project Construction

Right of Way Design Information
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FOR INFORMATION ONLY

ROW Team: LARSON / CUVA
ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell		Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.1	

2:54:38 PM 6/29/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

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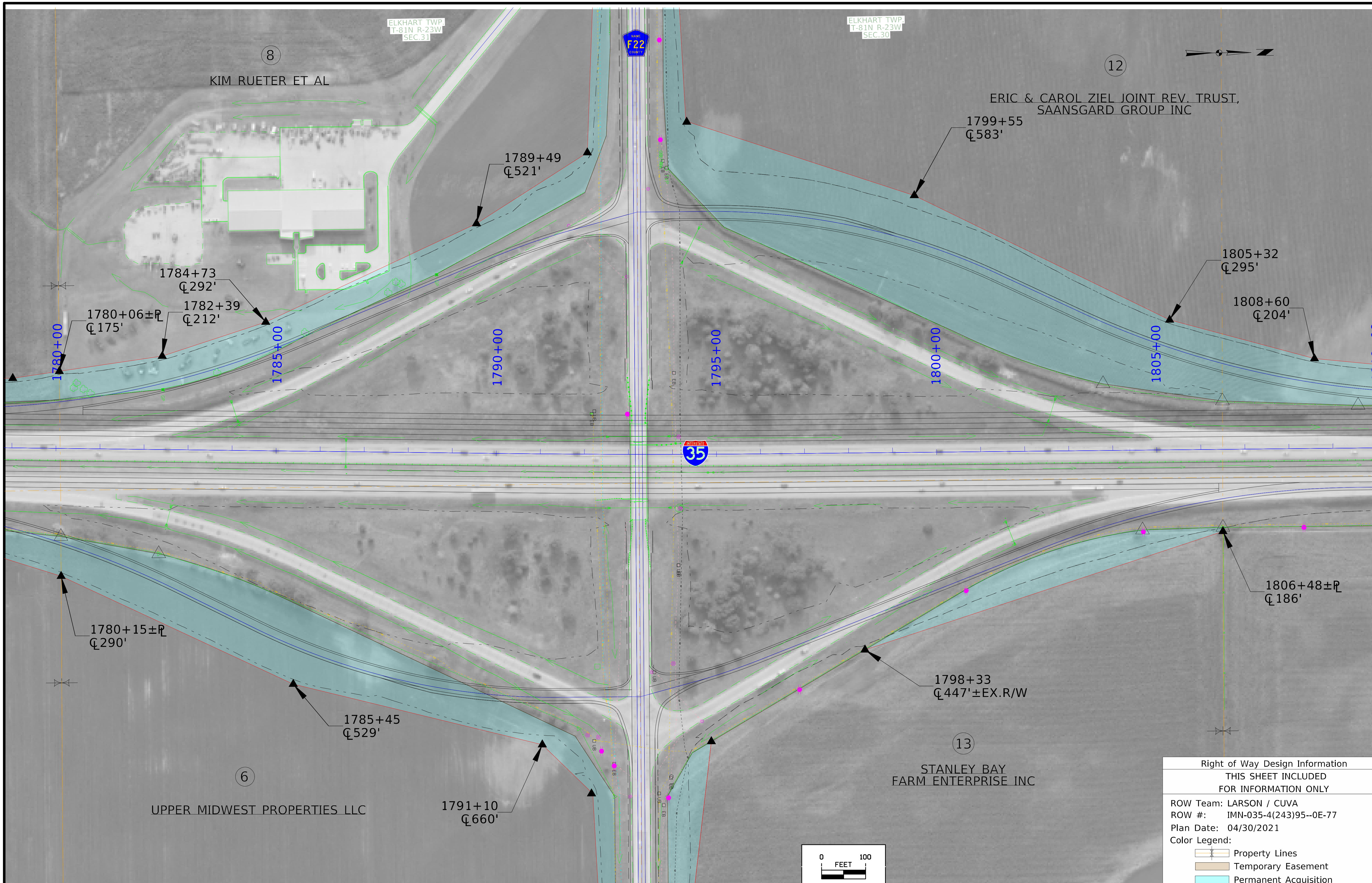
ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell		Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.2

7:38:16 AM 1/12/2022 jlarso1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn



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ROW Team: LARSON / CUVA
ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell		Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.3

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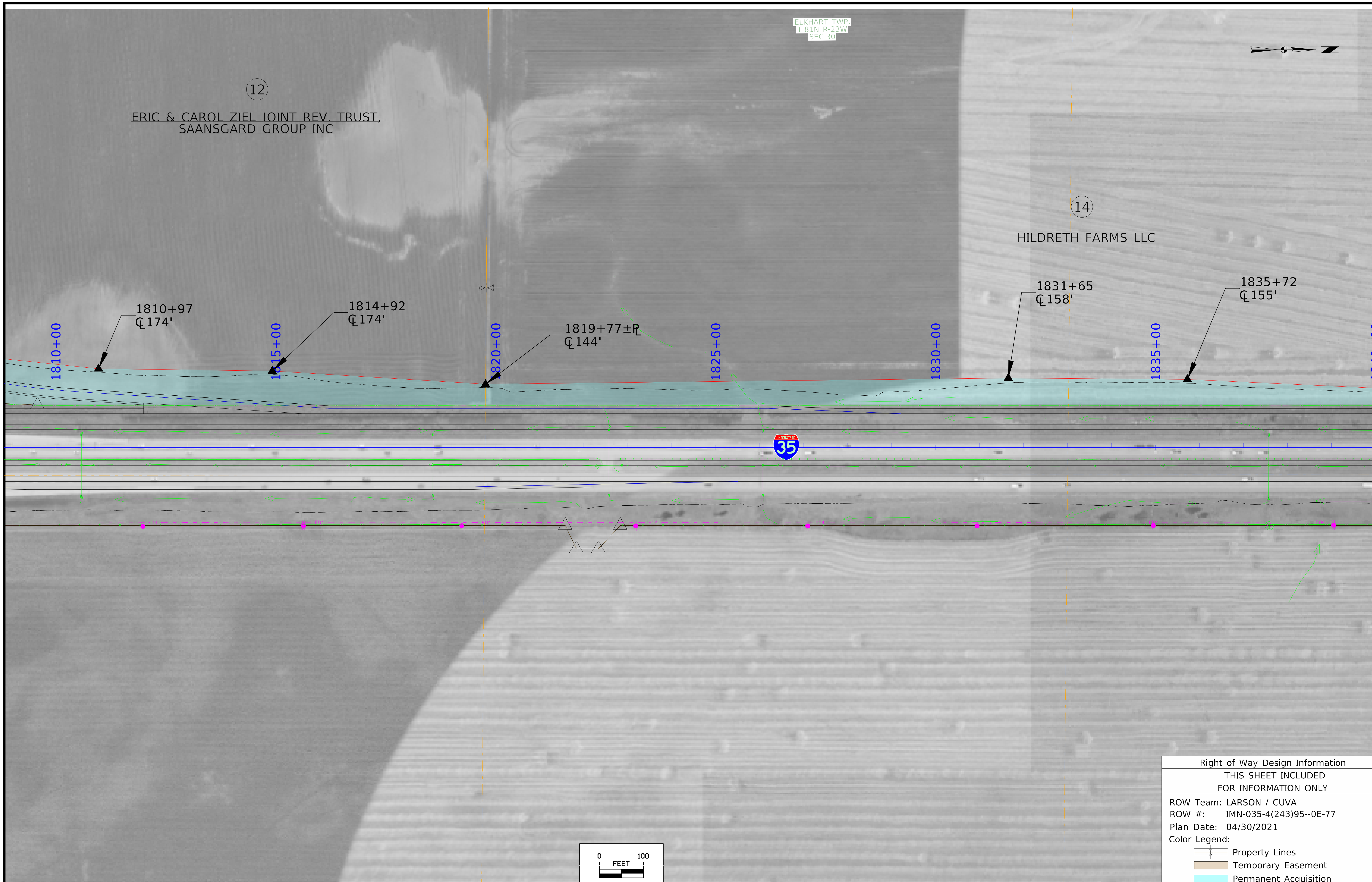

Right of Way Design Information

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ROW Team: LARSON / CUVA
ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
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- Temporary Easement
- Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell		Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.4

2:59:01 PM 6/29/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

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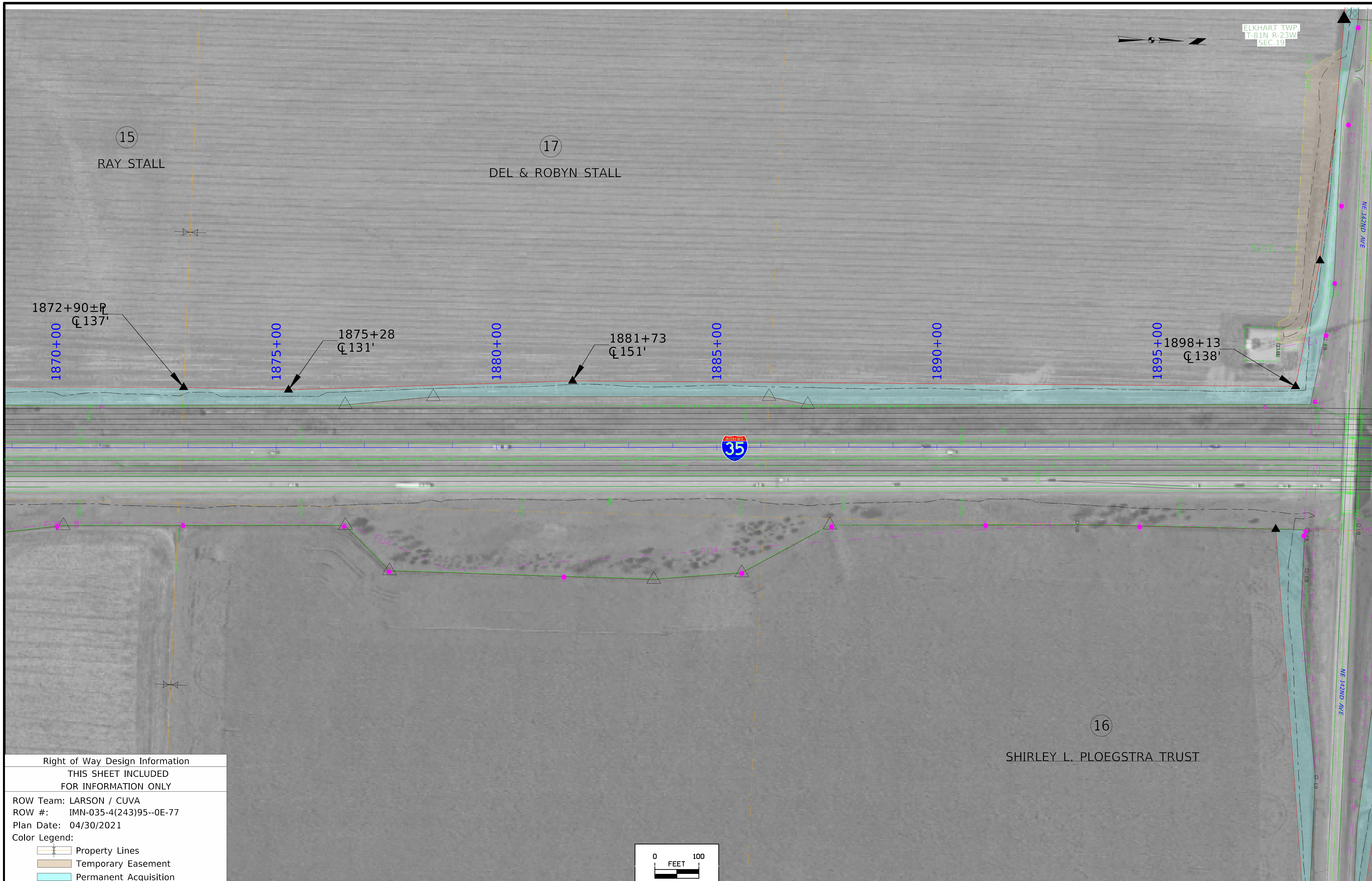

Right of Way Design Information

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ROW Team: LARSON / CUVA
ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.6

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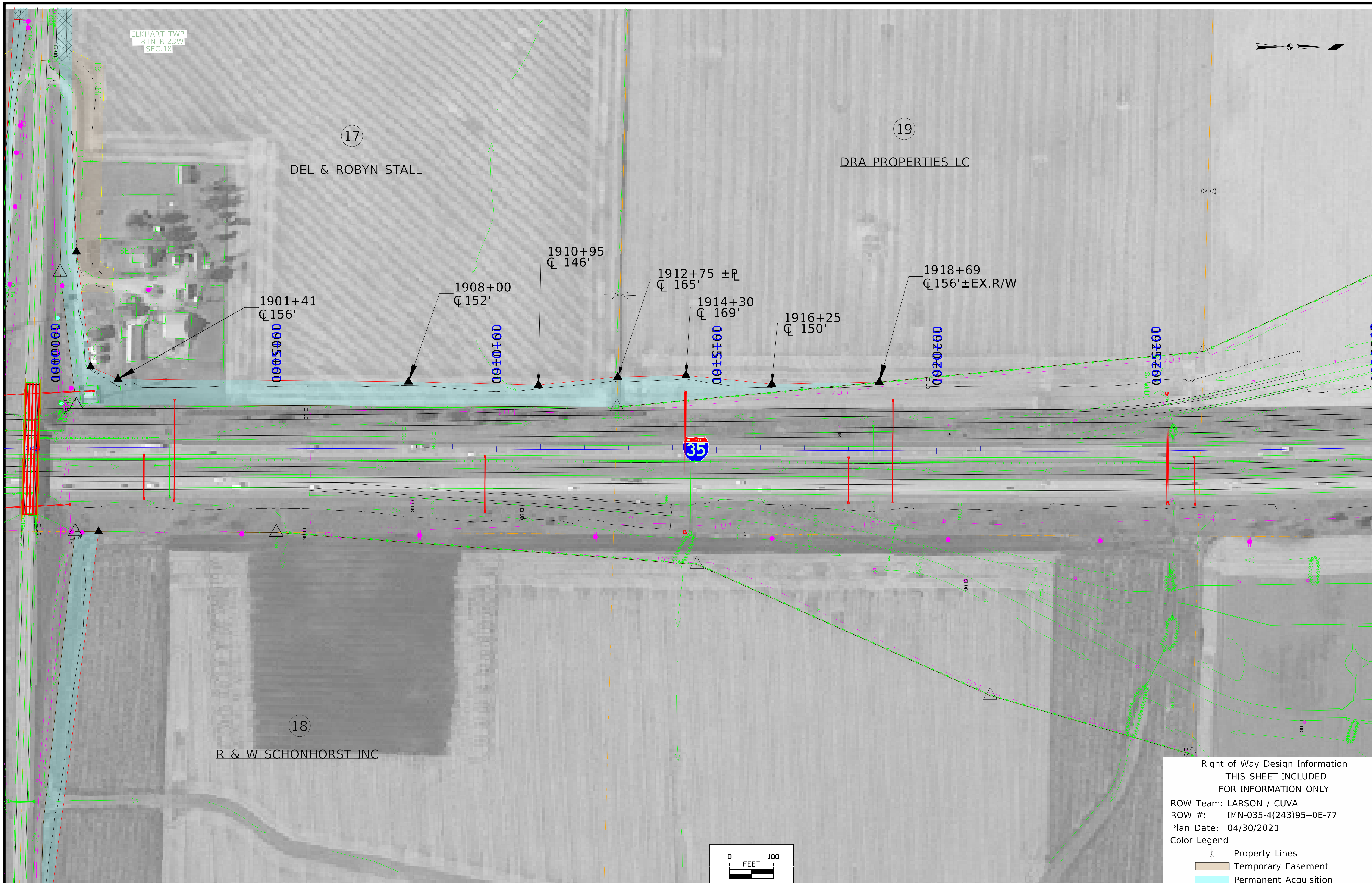

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10:30:12 AM 1/12/2022 jlarso1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

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ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.8

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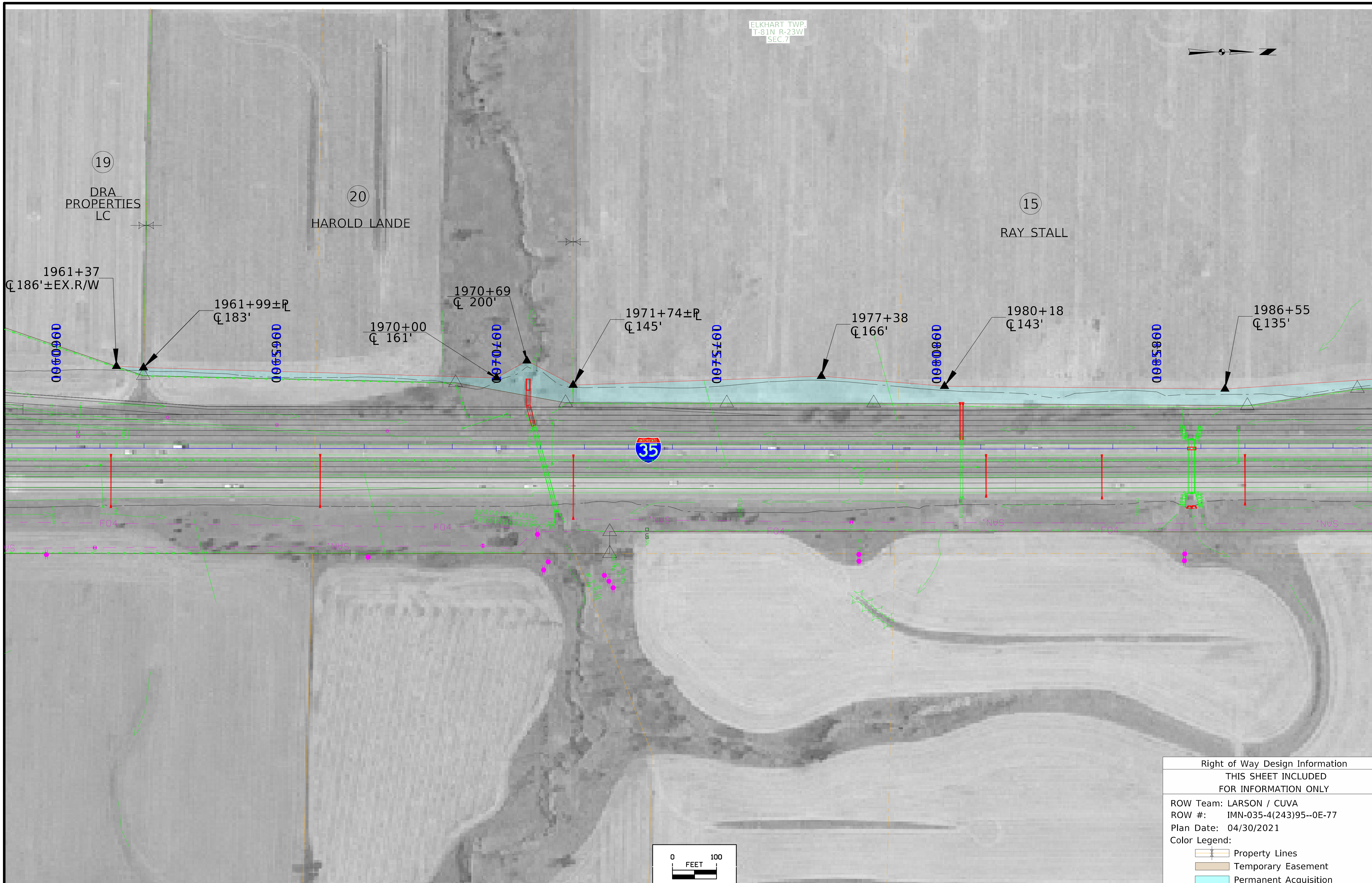

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ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
Property Lines
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Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.9

10:30:28 AM 1/12/2022 jlarso1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

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Plan Date: 04/30/2021
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Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.10

3:14:00 PM 1/18/2022 jlarso1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

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ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell		Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.11

3:04:24 PM 6/29/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

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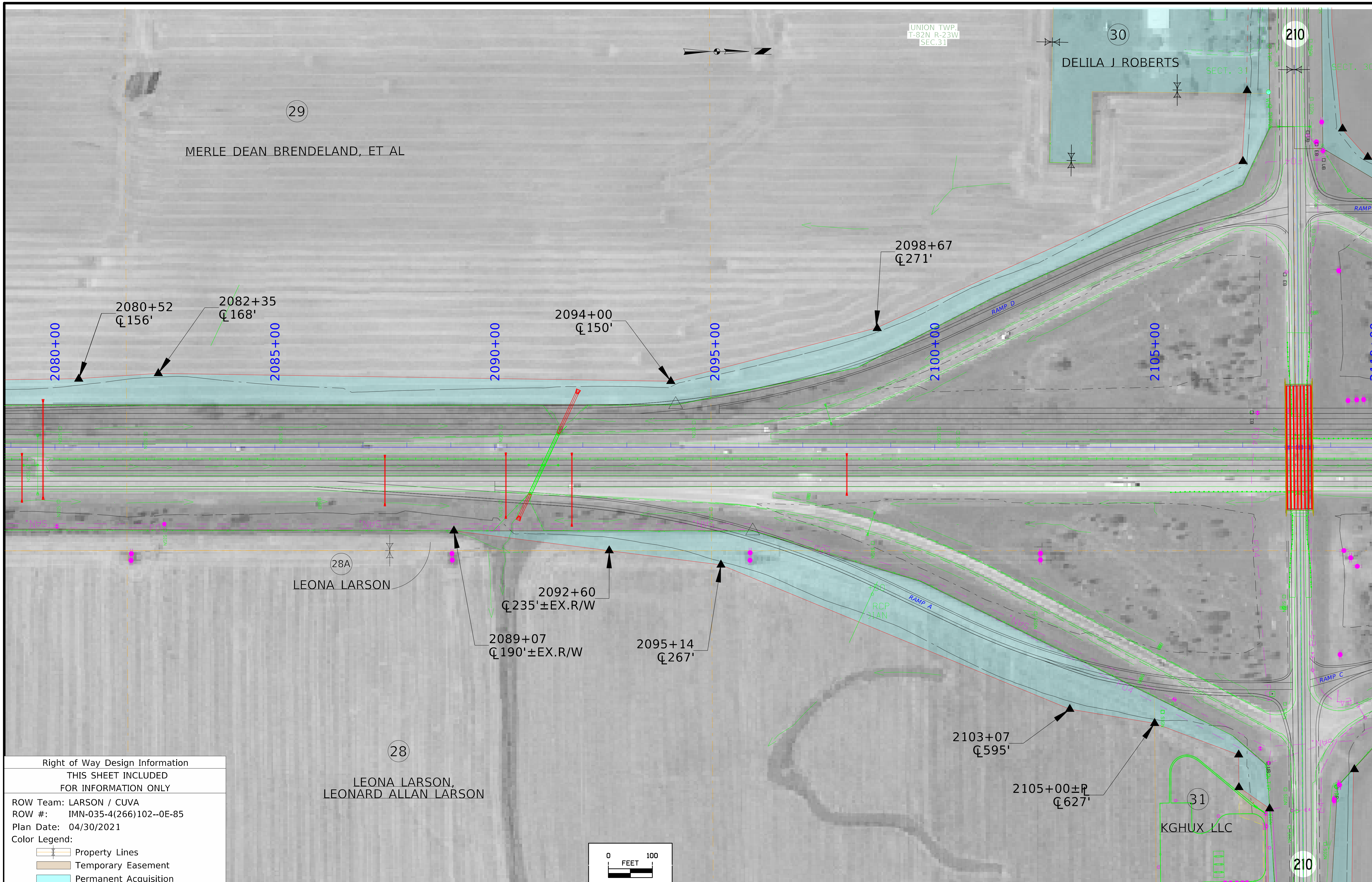


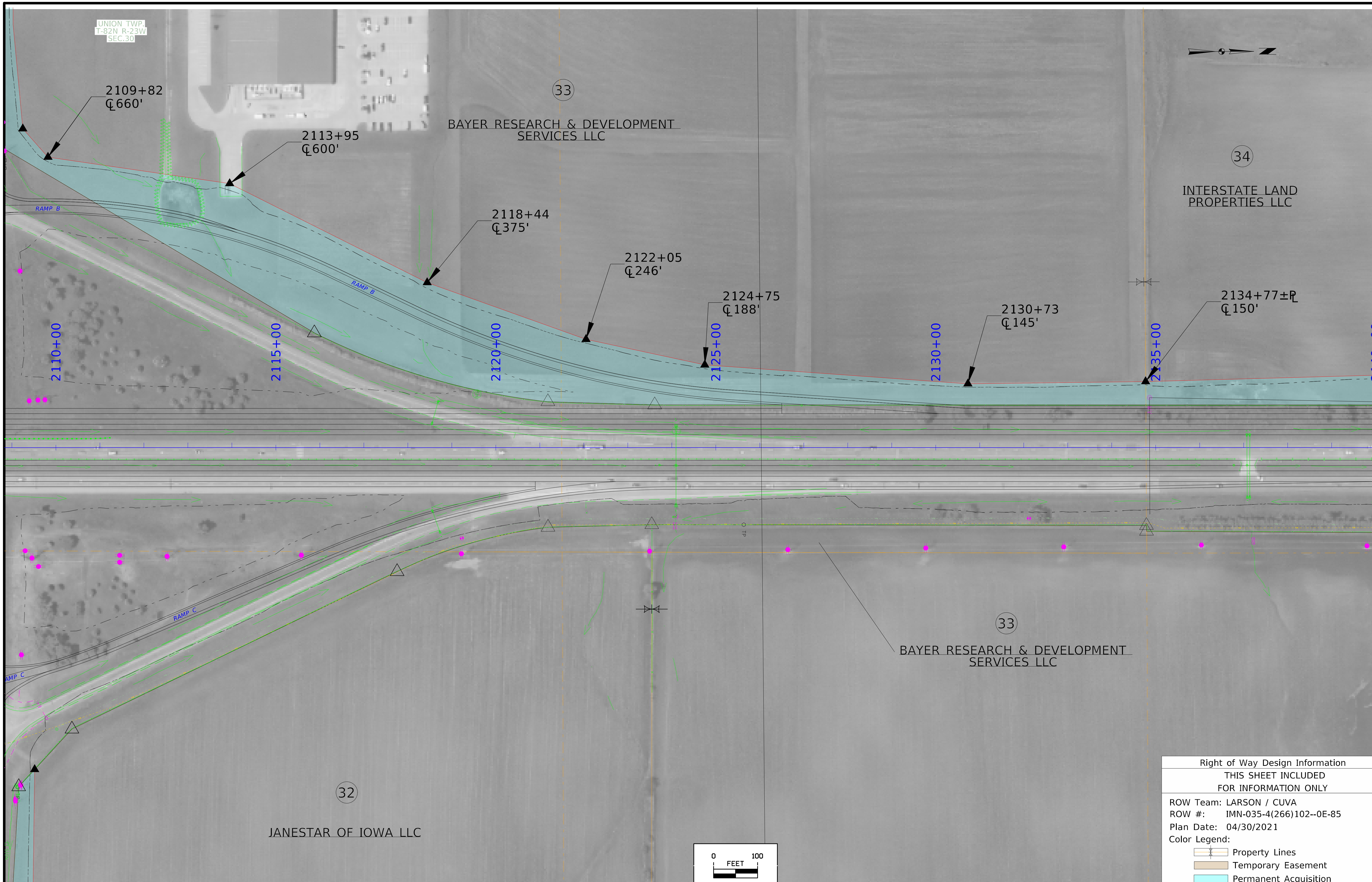
Right of Way Design Information

THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: LARSON / CUVA
ROW #: IMN-035-4(266)102--0E-85
Plan Date: 04/30/2021
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.13

11:56:00 AM 1/12/2022 jlarso1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn



Right of Way Design Information

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FOR INFORMATION ONLY

ROW Team: LARSON / CUVA
ROW #: IMN-035-4(266)102--0E-85
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.14

3:08:12 PM 6/29/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

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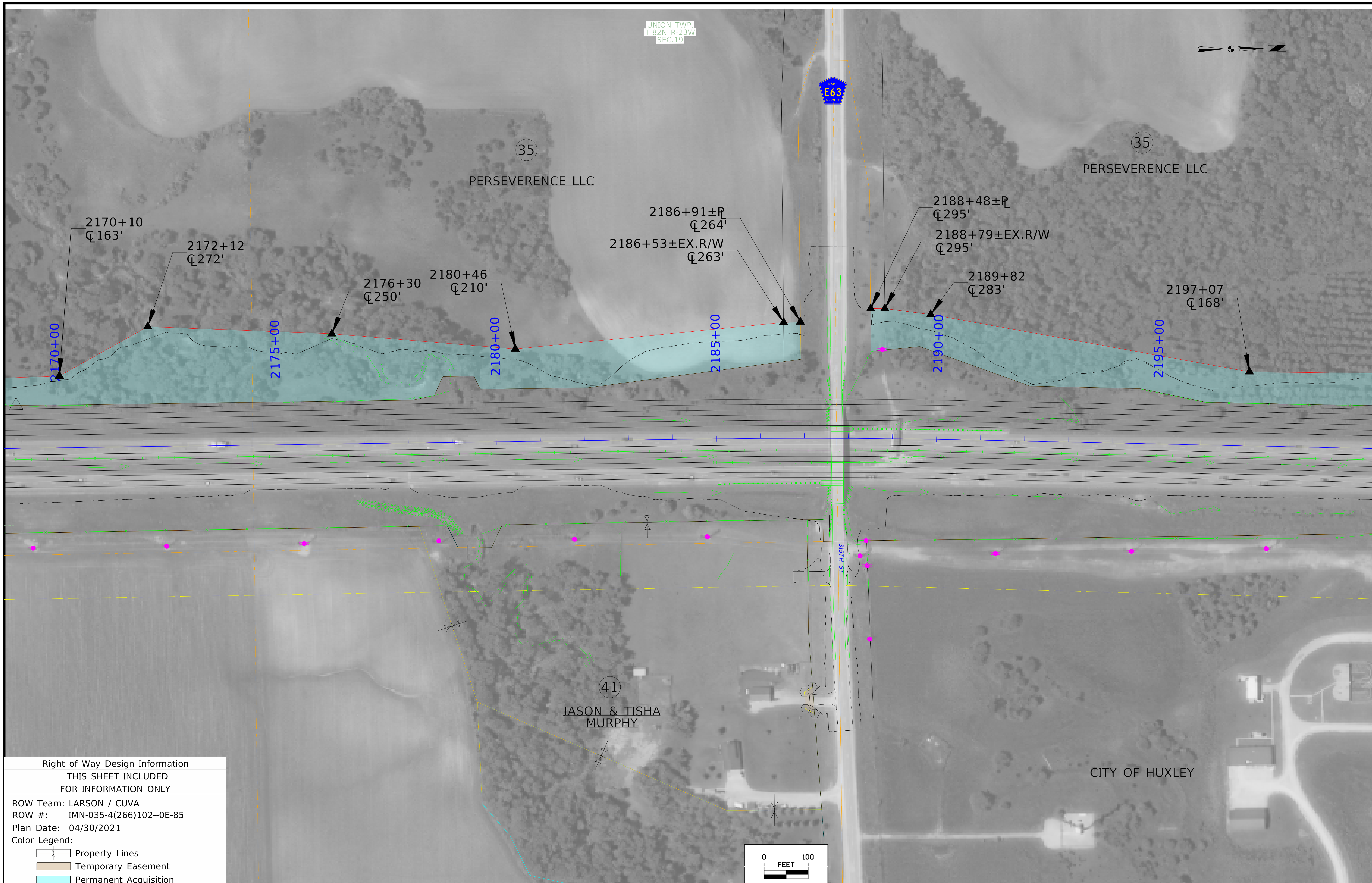
ROW #: IMN-035-4(266)102--0E-85
Plan Date: 04/30/2021
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.15

10:30:49 AM 1/12/2022 jlarso1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn



Right of Way Design Information

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ROW Team: LARSON / CUVA
ROW #: IMN-035-4(266)102--0E-85
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.16

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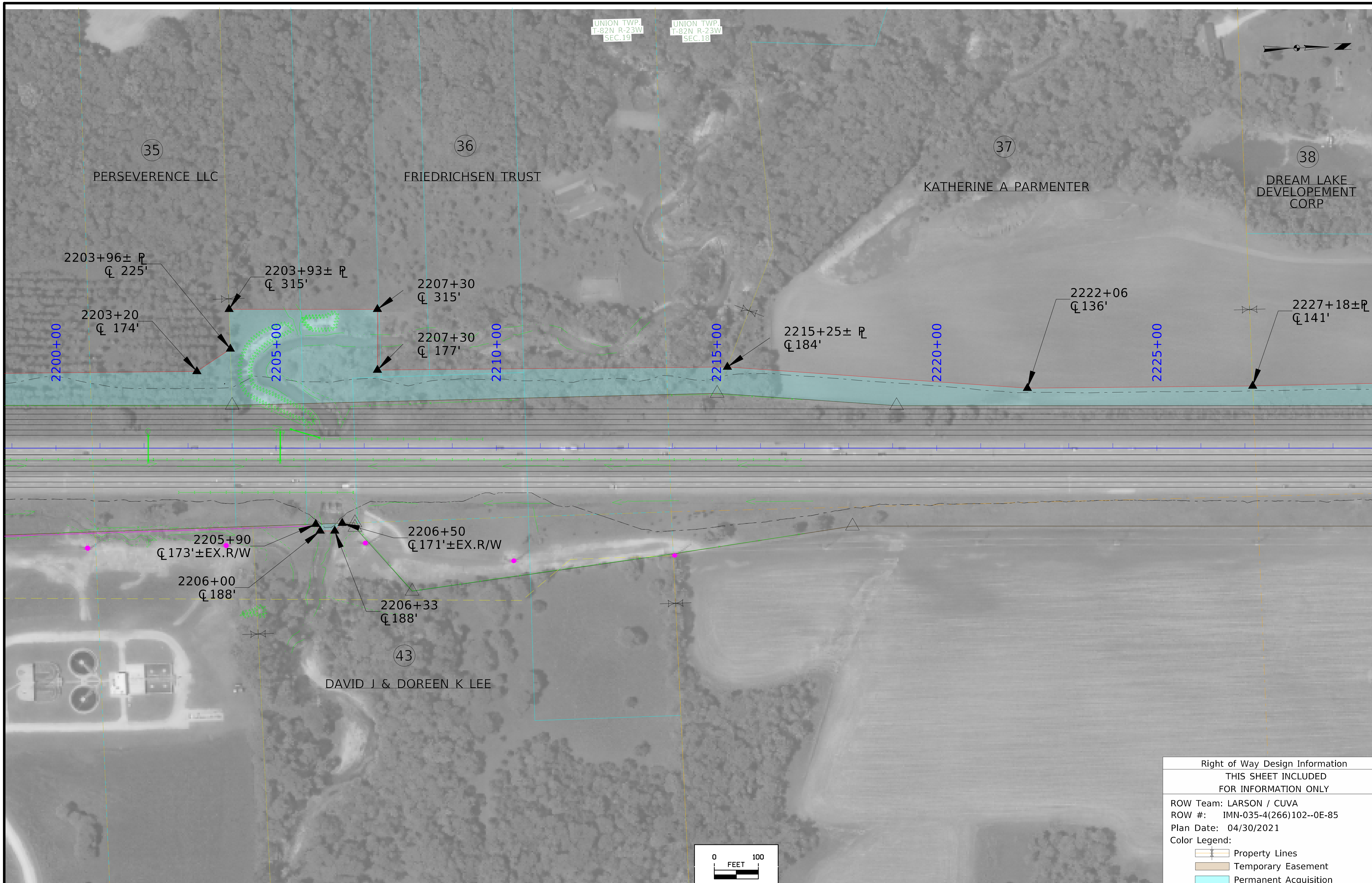

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11:42:17 AM 10/22/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

Right of Way Design Information

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FOR INFORMATION ONLY

ROW Team: LARSON / CUVA
ROW #: IMN-035-4(266)102--0E-85
Plan Date: 04/30/2021
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.18

3:11:15 PM 6/29/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

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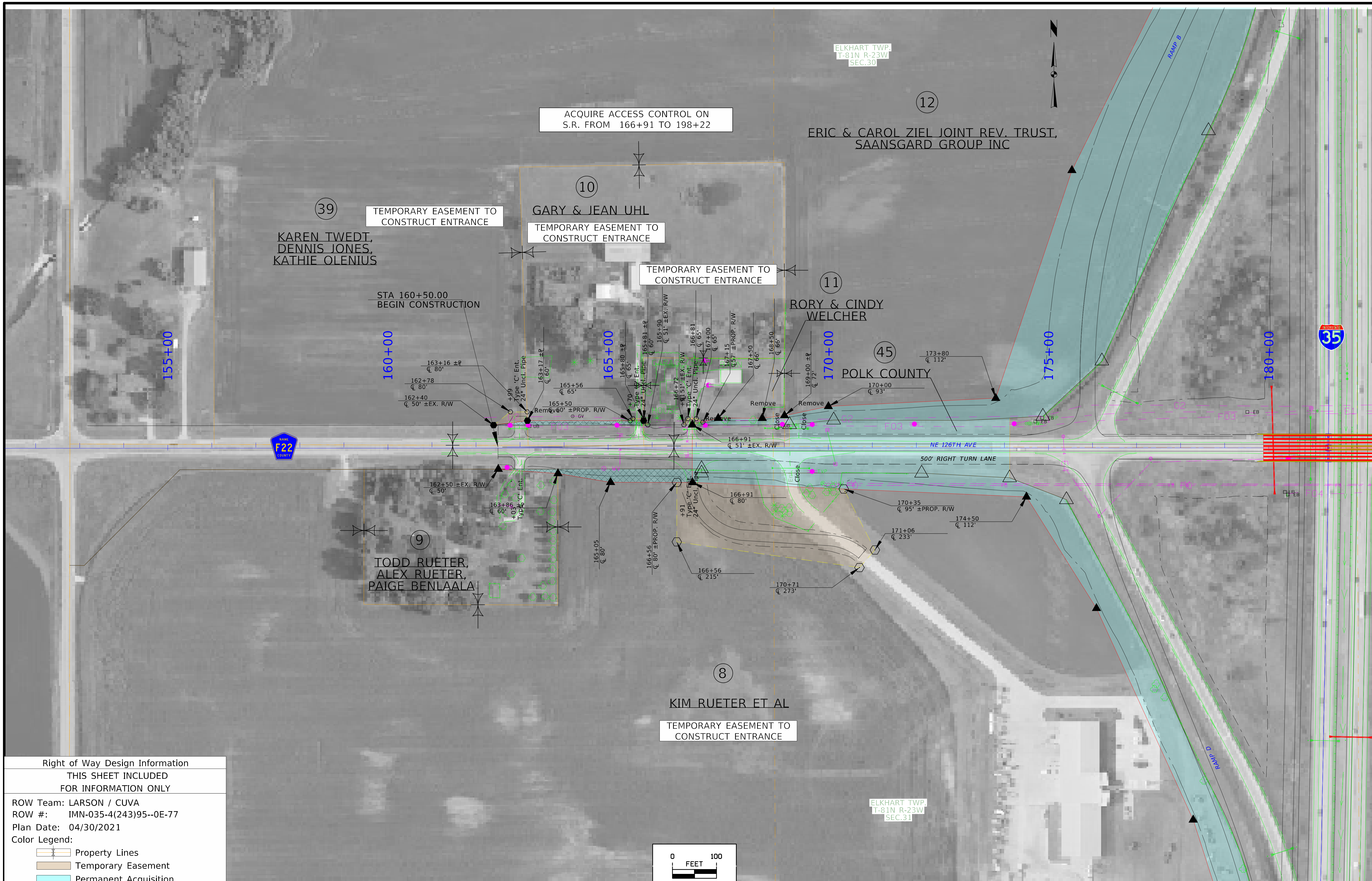
ROW #: IMN-035-4(266)102--0E-85
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER H.19

3:12:00 PM 6/29/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn



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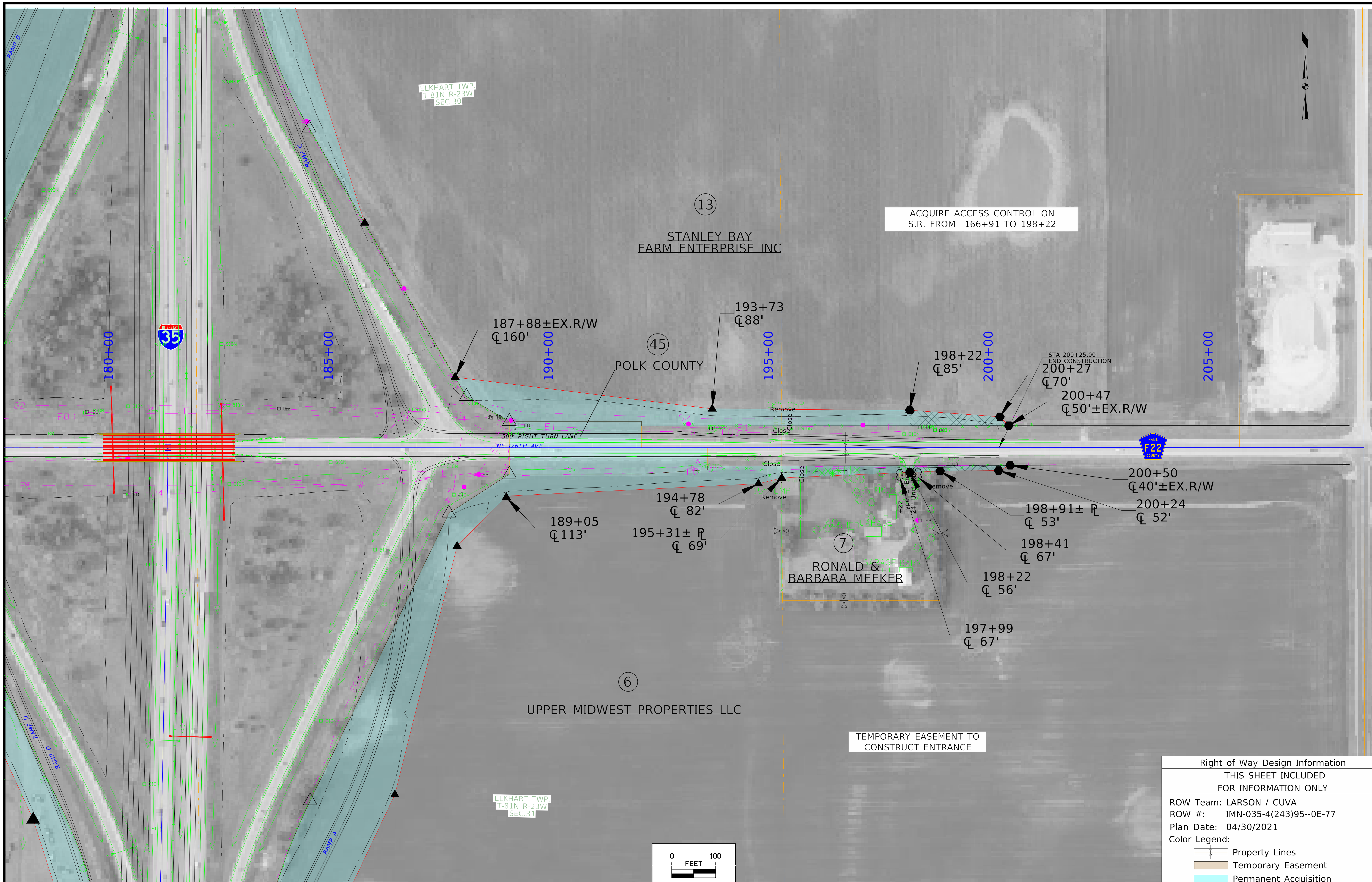

Right of Way Design Information

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ROW Team: LARSON / CUVA
ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition

FILE NO. 98765	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER HE.2

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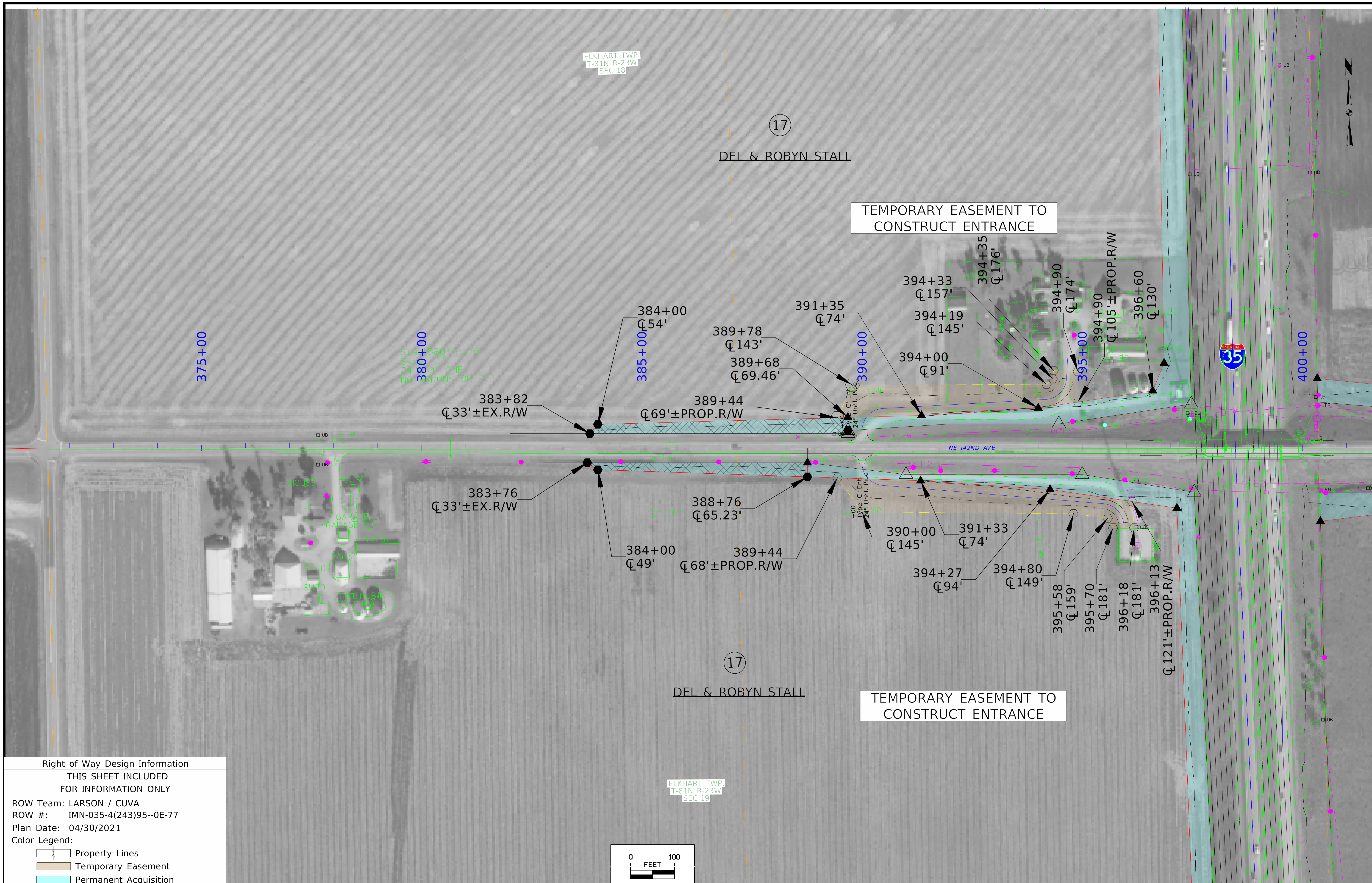

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ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER HE.3

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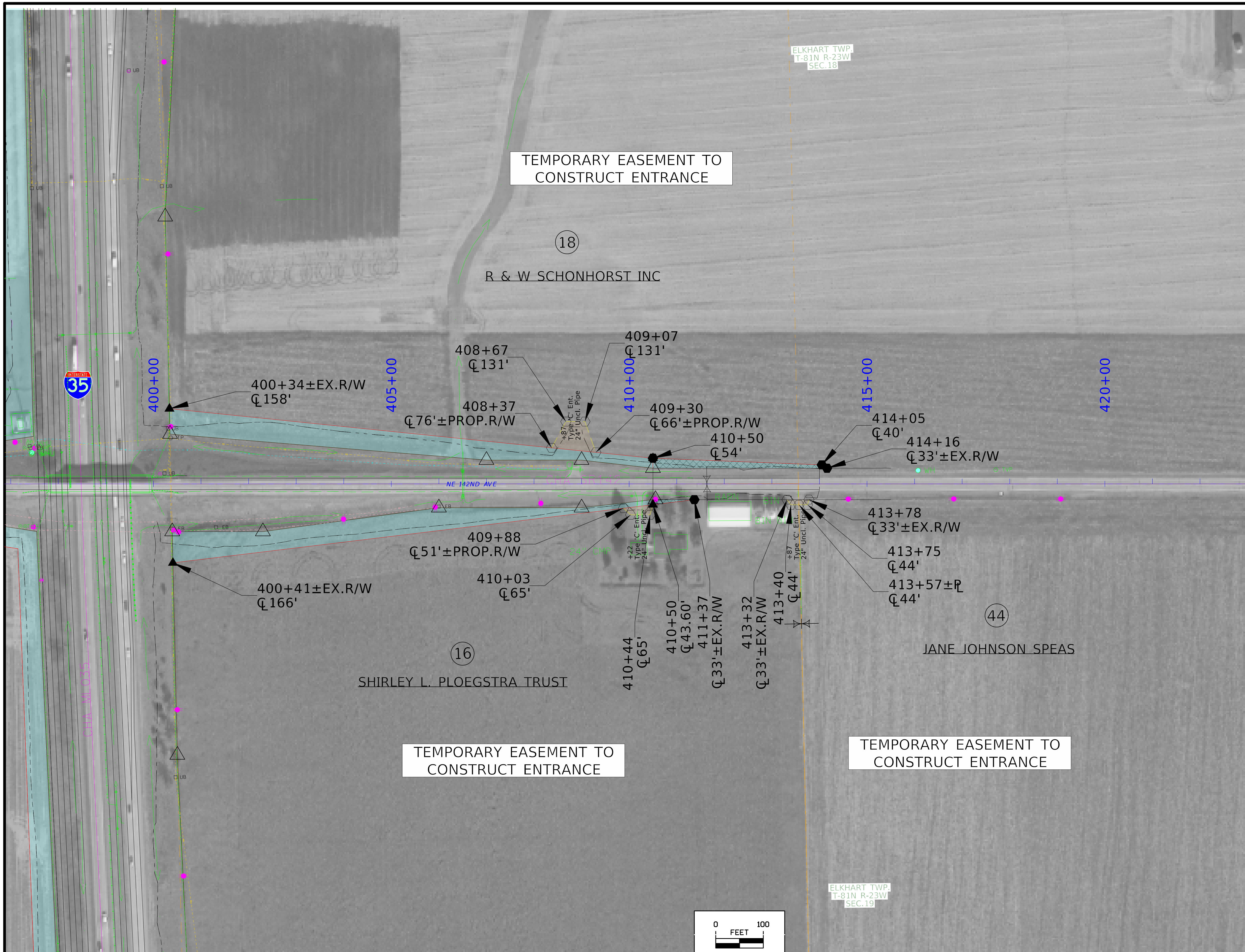

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ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell		Polk/Story COUNTY	PROJECT NUMBER IMN-035-4(243)95--0E-77	SHEET NUMBER HE.4

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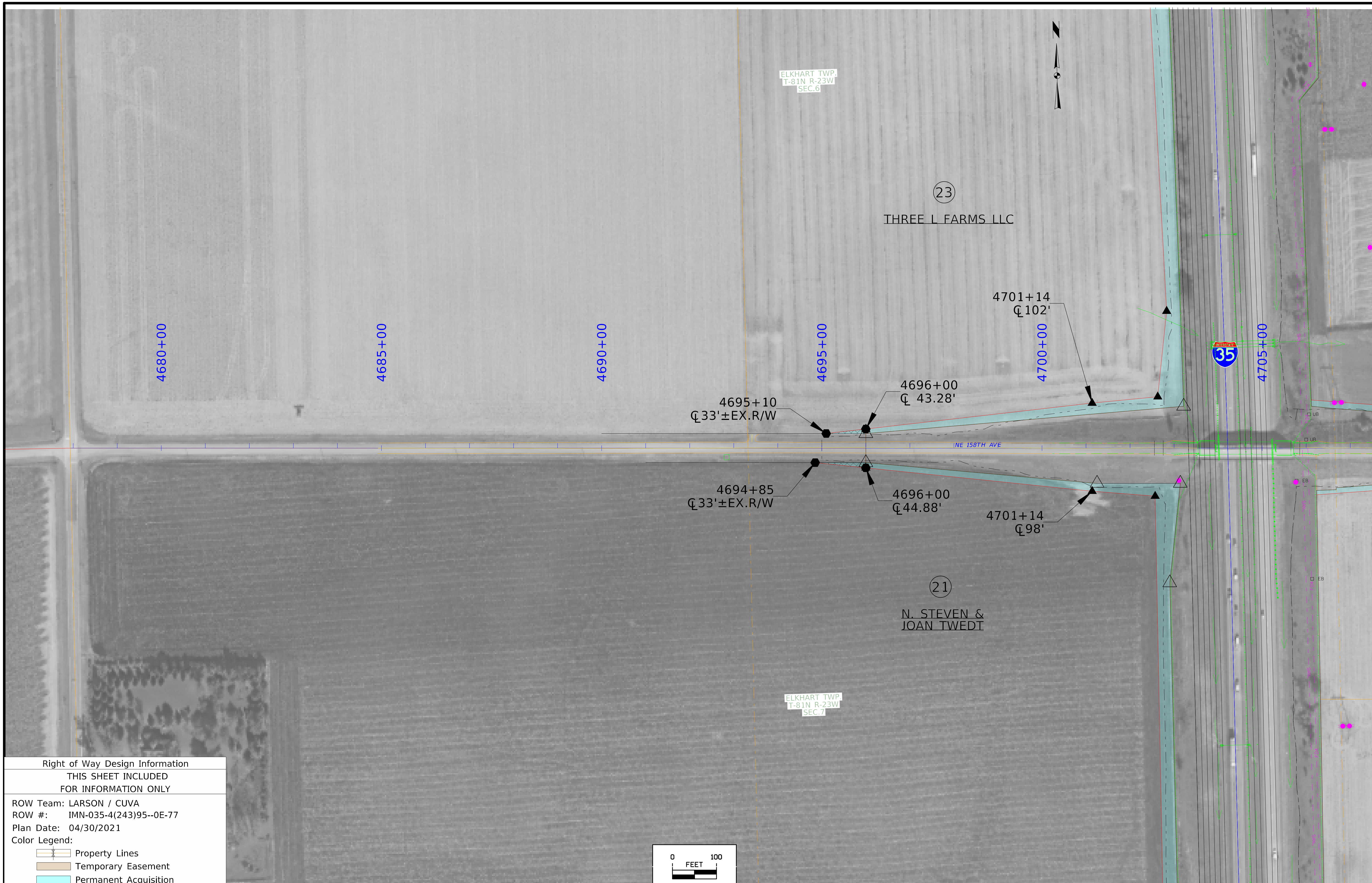

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Plan Date: 04/30/2021
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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER HE.5

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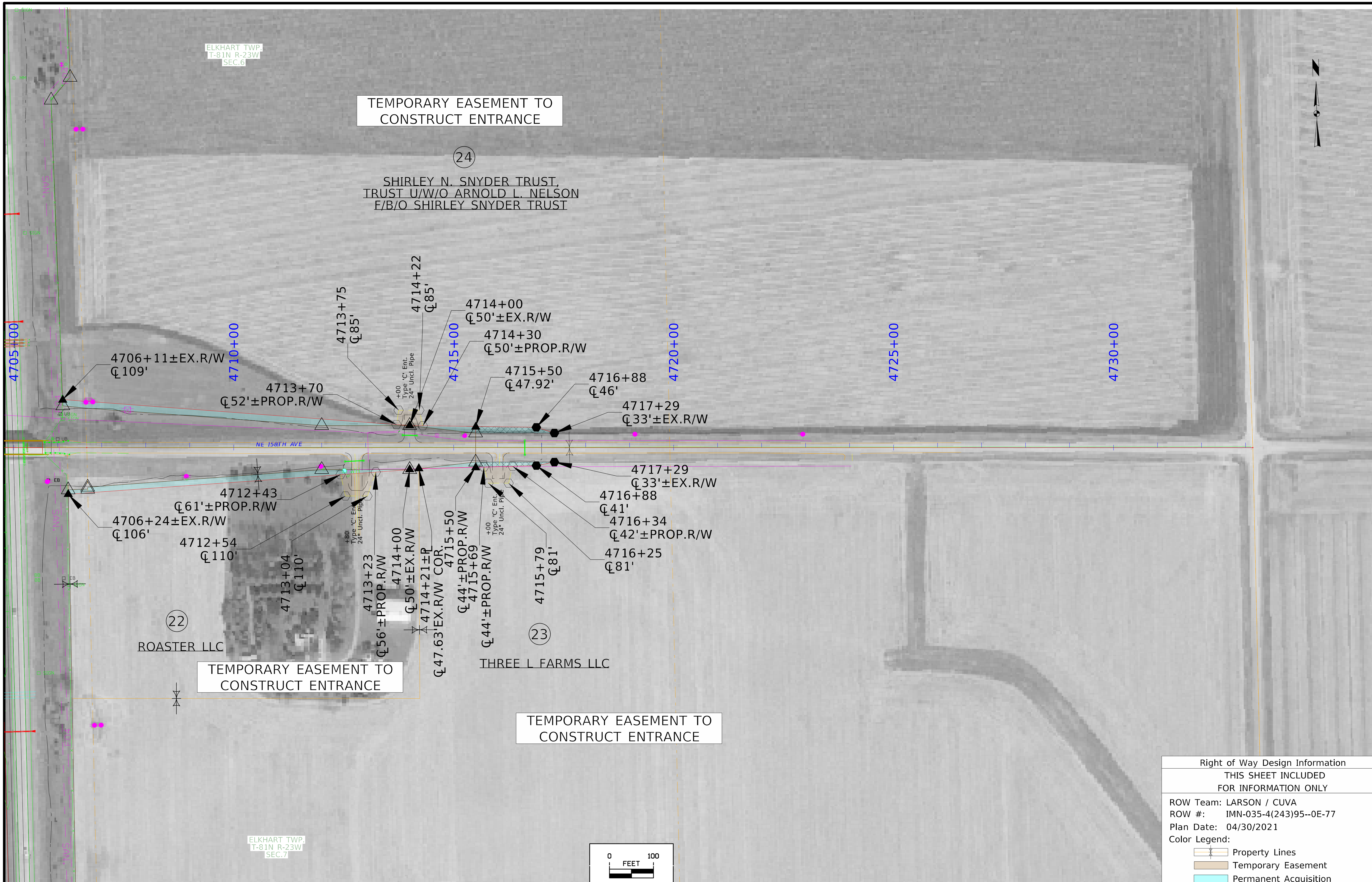

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ROW #: IMN-035-4(243)95--0E-77
Plan Date: 04/30/2021
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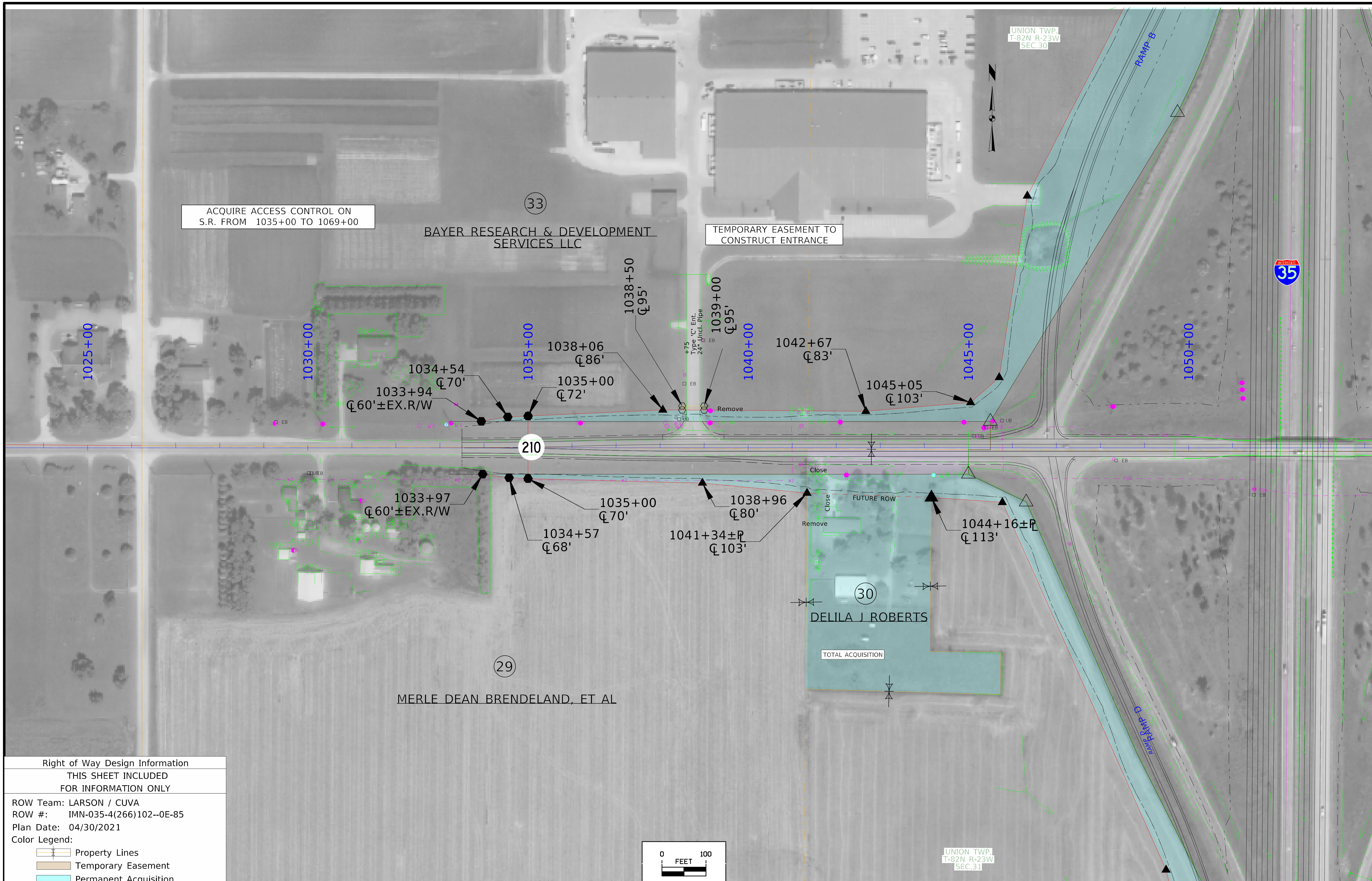
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell		POLK/STORY COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER HE.6

4:02:44 PM 1/18/2022 jlarso1 pw:\\NTPwint1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

Changed by Addenda



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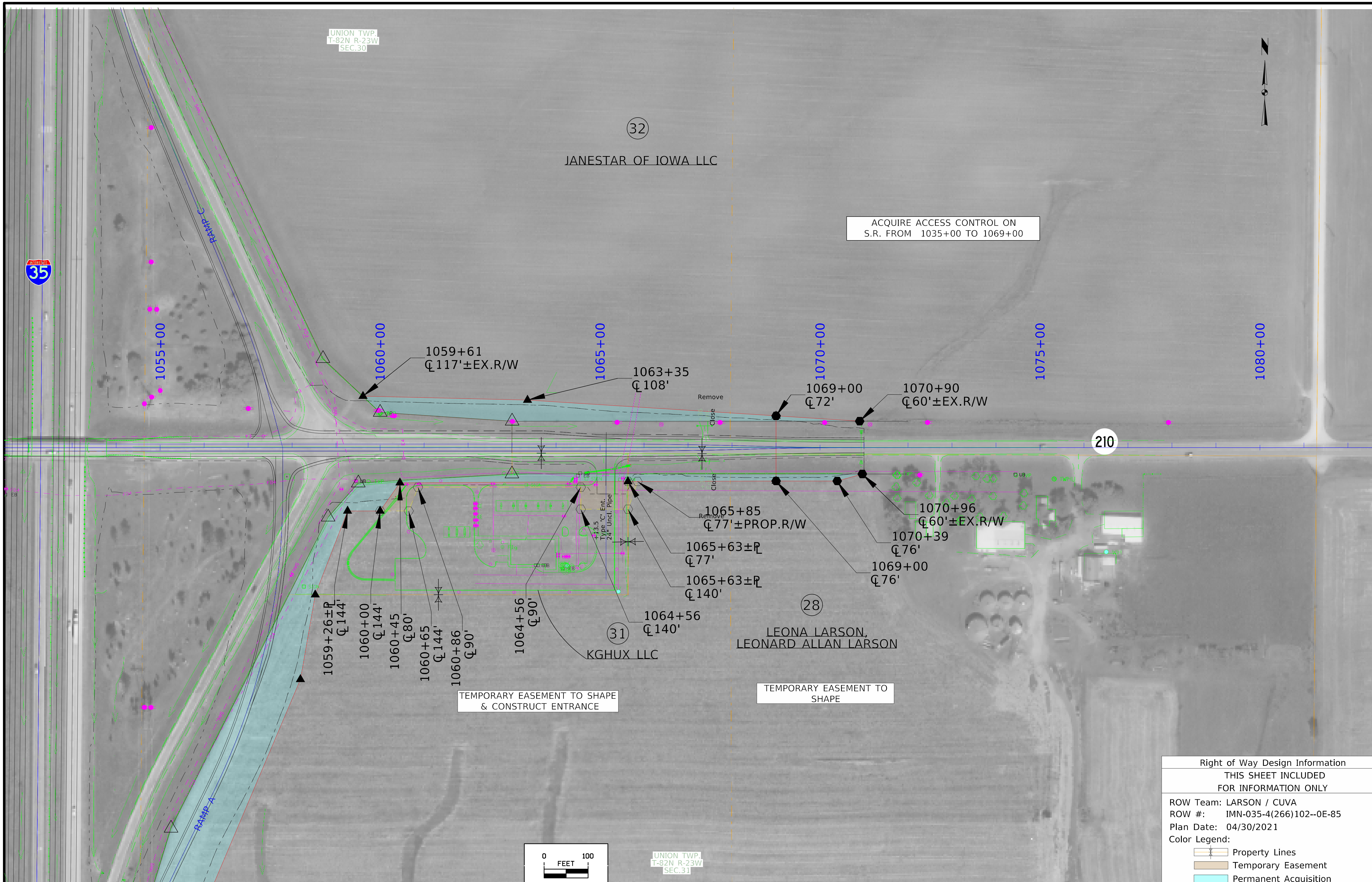
ROW Team: LARSON / CUVA
ROW #: IMN-035-4(266)102--0E-85
Plan Date: 04/30/2021
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell		POLK/STORY COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER HE.7

2:24:56 PM 6/30/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn



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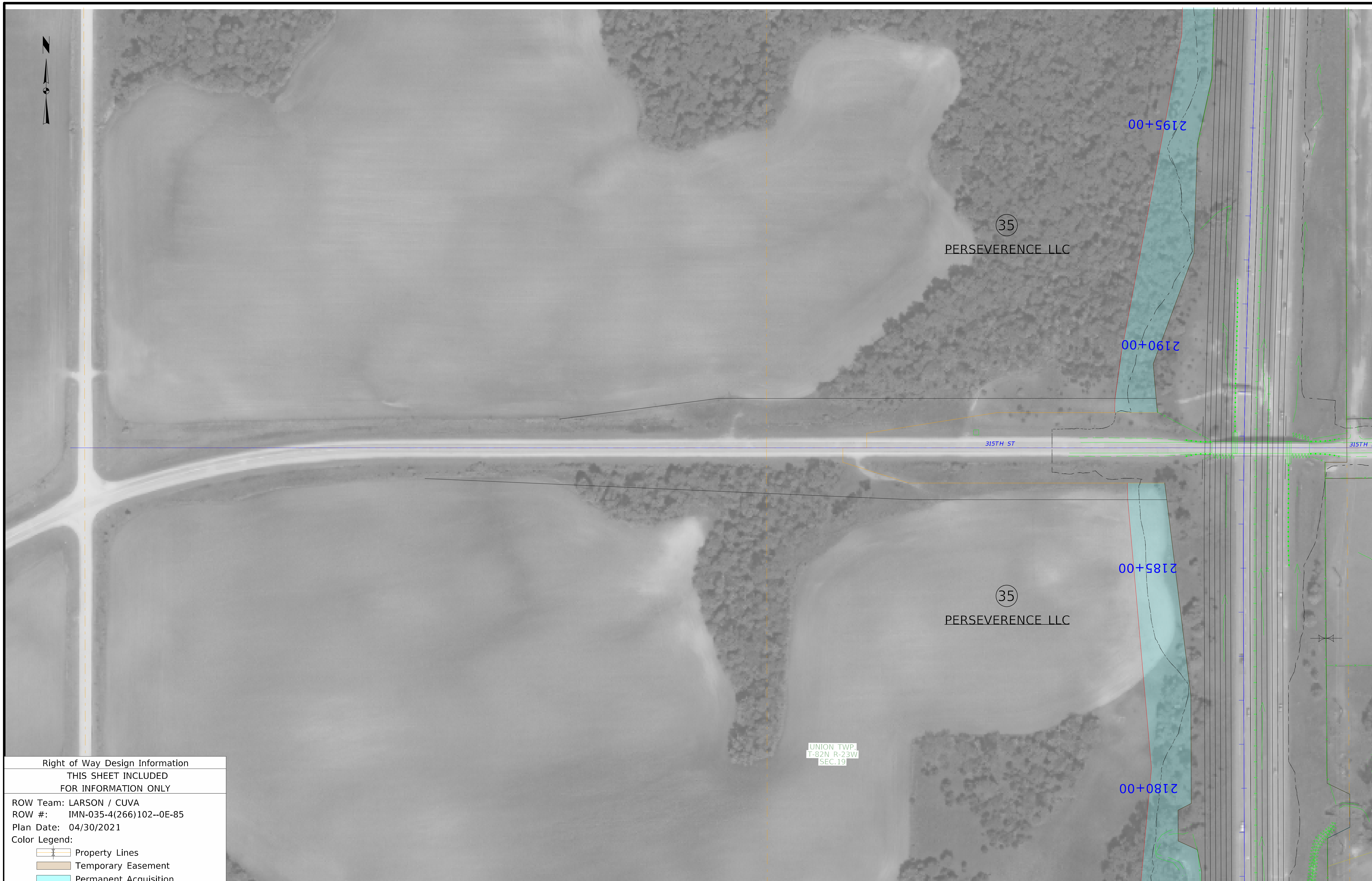

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Plan Date: 04/30/2021
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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER HE.9

7:56:50 AM 6/30/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IMN-035-4(309)95--13-77	SHEET NUMBER HE.10

6:28:49 AM 9/16/2021 jlarso1 pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\ROW\ROW_77035243.dgn

108-23A
08-01-08

TRAFFIC CONTROL PLAN

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

108-23B
10-17-17

* This is to only be used in conjunction with Tabulation 108-23A
Shaded area indicates times that lane closures are not allowed

TRAFFIC CONTROL CLOSURE TABLE(S)

	AM																								Noon	PM																						
	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30
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MON																																																
TUE																																																
WED																																																
THU																																																
FRI																																																
SAT																																																

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

108-26A
08-01-08

STAGING NOTES

STAGE 1A:
TRAFFIC:
NB & SB I-35: Traffic in normal lanes. Night shoulder/lane closures.

Sideroad will closed at the Elkhart interchange with traffic being detoured to the 210 interchange or 36th street interchange.

CONSTRUCTION:
Remove Bridges at Elkhart and 158th interchanges.

STAGE 1B:
TRAFFIC:
NB & SB I-35: Traffic in normal lanes. Night shoulder/lane closures.

Sideroad will closed at the Elkhart interchange with traffic being detoured to the 210 interchange or 36th street interchange.

CONSTRUCTION:
Build Temporary Runarounds from Sta. 1778+50.14 to Sta. 1805+26.25 and Sta. 1993+22.53 to Sta. 2018+15.56.

STAGE 2A:
TRAFFIC:
NB I-35: Traffic in normal lanes.
SB I-35: Traffic will reroute on runaround from Sta. 1778+50.14 to Sta. 1805+26.25 and Sta. 1993+22.53 to Sta. 2018+15.56.

CONSTRUCTION:
Remove old SB I-35 lanes from Sta. 1778+50.14 to Sta. 1805+26.25 and Sta. 1993+22.53 to Sta. 2018+15.56.
Build piers and bridges at the Elkhart and 158th interchanges.
Rebuild Elkhart Interchange. Tie into new SB lanes at Sta. 1779+00.00 and Sta. 1815+00.00. Tie into exiting NB lanes at Sta. 1769+79.47 and Sta. 1809+50.00.

STAGE 2B:
TRAFFIC:
NB I-35: Traffic in normal lanes.
SB I-35: Traffic will reroute on runaround from Sta. 1778+50.14 to Sta. 1805+26.25 and Sta. 1993+22.53 to Sta. 2018+15.56.

CONSTRUCTION:
Grade new SB I-35 lanes and outside shoulder from Sta. 1778+50.14 to Sta. 1805+26.25 and Sta. 1993+22.53 to Sta. 2018+15.56.
Rebuild Elkhart Interchange. Tie into new SB lanes at Sta. 1779+00.00 and Sta. 1815+00.00. Tie into exiting NB lanes at Sta. 1769+79.47 and Sta. 1809+50.00.

STAGE 3:
TRAFFIC:
NB I-35: Traffic in normal lanes.
SB I-35: Traffic will reroute on runaround from Sta. 1778+50.14 to Sta. 1805+26.25 and Sta. 1993+22.53 to Sta. 2018+15.56.

CONSTRUCTION:
Grade new SB I-35 lanes and outside shoulder through overhead crossing station ranges
Pave new SB I-35 lanes and outside shoulder from Sta. 1793+23.79 to Sta. 1899+42.22.

STAGE 4A:
TRAFFIC:
NB I-35: Traffic in normal lanes.
SB I-35: Traffic will continue on runaround from Sta. 1778+50.14 to Sta. 1805+26.25 and Sta. 1993+22.53 to Sta. 2018+15.56.

CONSTRUCTION:
Finish Left shoulder expansion in the SB lanes.
Remove Bridges at 142nd and 210th interchanges.

STAGE 4B:
TRAFFIC:
NB I-35: Traffic in normal lanes.
SB I-35: Traffic will continue on runaround from Sta. 1778+50.14 to Sta. 1805+26.25 and Sta. 1993+22.53 to Sta. 2018+15.56.

CONSTRUCTION:
Build Temporary Runarounds from Sta. 1886+92.91 to 1911+88.06 and Sta. 2095+69.21 to 2120+11.93.

STAGE 5:
TRAFFIC:
NB I-35: Traffic in normal lanes.
SB I-35: Traffic will reroute onto runaround from Sta. 1886+92.91 to 1911+88.06 and Sta. 2095+69.21 to 2120+11.93.

CONSTRUCTION:
Build piers and bridges at the 142nd and 210th interchanges.
Remove old SB I-35 lanes from Sta. 1886+92.91 to 1911+88.06 and Sta. 2095+69.21 to 2120+11.93.
Grade and Pave new SB I-35 lanes and outside shoulder from Sta. 1886+92.91 to 2255+00.00.
Rebuild 210 Interchange. Tie SB Ramp to New SB Lanes at Sta. 2092+00.00 and 2130+70.53.
Tie NB Ramp into Existing Lanes at Sta. 2085+79.47 and Sta. 2124+00.00.

STAGE 6A:
TRAFFIC:
NB I-35: Traffic in normal lanes.
SB I-35: Tansition onto New SB lanes. SB Traffic to stay on far right, two lanes for Head to Head traffic from Sta. 1776+76.36 to Sta. 1809+70.24, Sta. 1882+97.78 to Sta. 1915+91.66, Sta. 1989+25.36 to Sta. 2022+19.24, and Sta. 2091+81.91 to Sta. 2121+58.86.

CONSTRUCTION:
Build temporary median crossovers for NB traffic to crossover onto New SB lanes at Sta. 1779+95.60 to Sta. 1806+47.96,

108-26A
08-01-08

STAGING NOTES

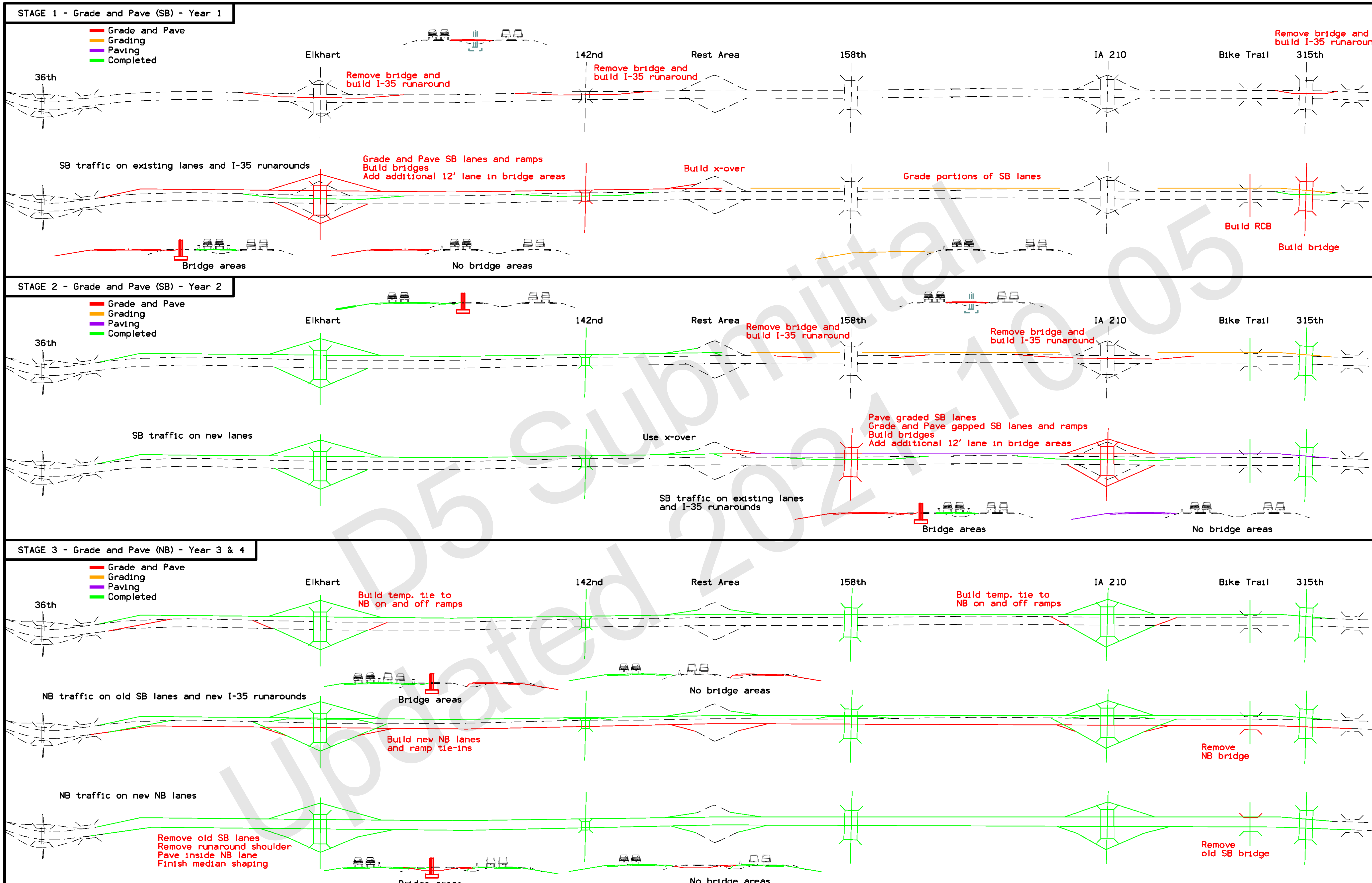
Sta. 1886+13.70 to Sta. 1912+17.51, Sta. 1992+41.51 to Sta. 2019+03.09, and Sta. 2094+98.30 to Sta. 2121+58.86.
Build temporary NB exit and on ramp crossovers at Sta. 1768+30.00 to Sta. 1778+68.14, Sta. 1801+90.35 to Sta. 1829+23.07, Sta. 2084+30.00 to Sta. 2092+98.20, and Sta. 2117+89.85 to Sta. 2124+74.29.

STAGE 6B:
TRAFFIC:
NB I-35: Use median crossovers at Sta. 1779+95.60 to Sta. 1806+47.96, Sta. 1886+13.70 to Sta. 1912+17.51, Sta. 1992+41.51 to Sta. 2019+03.09, and Sta. 2094+98.30 to Sta. 2121+58.86 to maintain two lane, head to head traffic.
SB I-35: Tansition onto New SB lanes. SB Traffic to stay on far right, two lanes from Sta. 1776+76.36 to Sta. 1809+70.24, Sta. 1882+97.78 to Sta. 1915+91.66, Sta. 1989+25.36 to Sta. 2022+19.24, and Sta. 2091+81.91 to Sta. 2121+58.86.

CONSTRUCTION:
Grade and Pave NB lanes from Sta. 1723+38.91 to Sta. 2255+00.00.
Build temporary NB exit and on ramp crossovers at Sta. 1768+30.00 to Sta. 1778+68.14, Sta. 1801+90.35 to Sta. 1829+23.07, Sta. 2084+30.00 to Sta. 2092+98.20, and Sta. 2117+89.85 to Sta. 2141+10.41.

STAGE 7:
TRAFFIC:
NB I-35: Use median crossovers at Sta. 1779+95.60 to Sta. 1806+47.96, Sta. 1886+13.70 to Sta. 1912+17.51, Sta. 1992+41.51 to Sta. 2019+03.09, and Sta. 2094+98.30 to Sta. 2121+58.86 to maintain two lane, head to head traffic.
SB I-35: SB Traffic to stay on far right, two lanes at Sta. 1776+76.36 to Sta. 1809+70.24, Sta. 1882+97.78 to Sta. 1915+91.66, Sta. 1989+25.36 to Sta. 2022+19.24, and Sta. 2091+81.91 to Sta. 2121+58.86.

CONSTRUCTION:
Remove temporary exit and on ramp crossovers at Sta. 1768+30.00 to Sta. 1778+68.14, Sta. 1801+90.35 to Sta. 1829+23.07, Sta. 2084+30.00 to Sta. 2092+98.20, and Sta. 2117+89.85 to Sta. 2141+10.41.
Grade and Pave NB lanes from Sta. 1723+38.91 to Sta. 2255+00.00.



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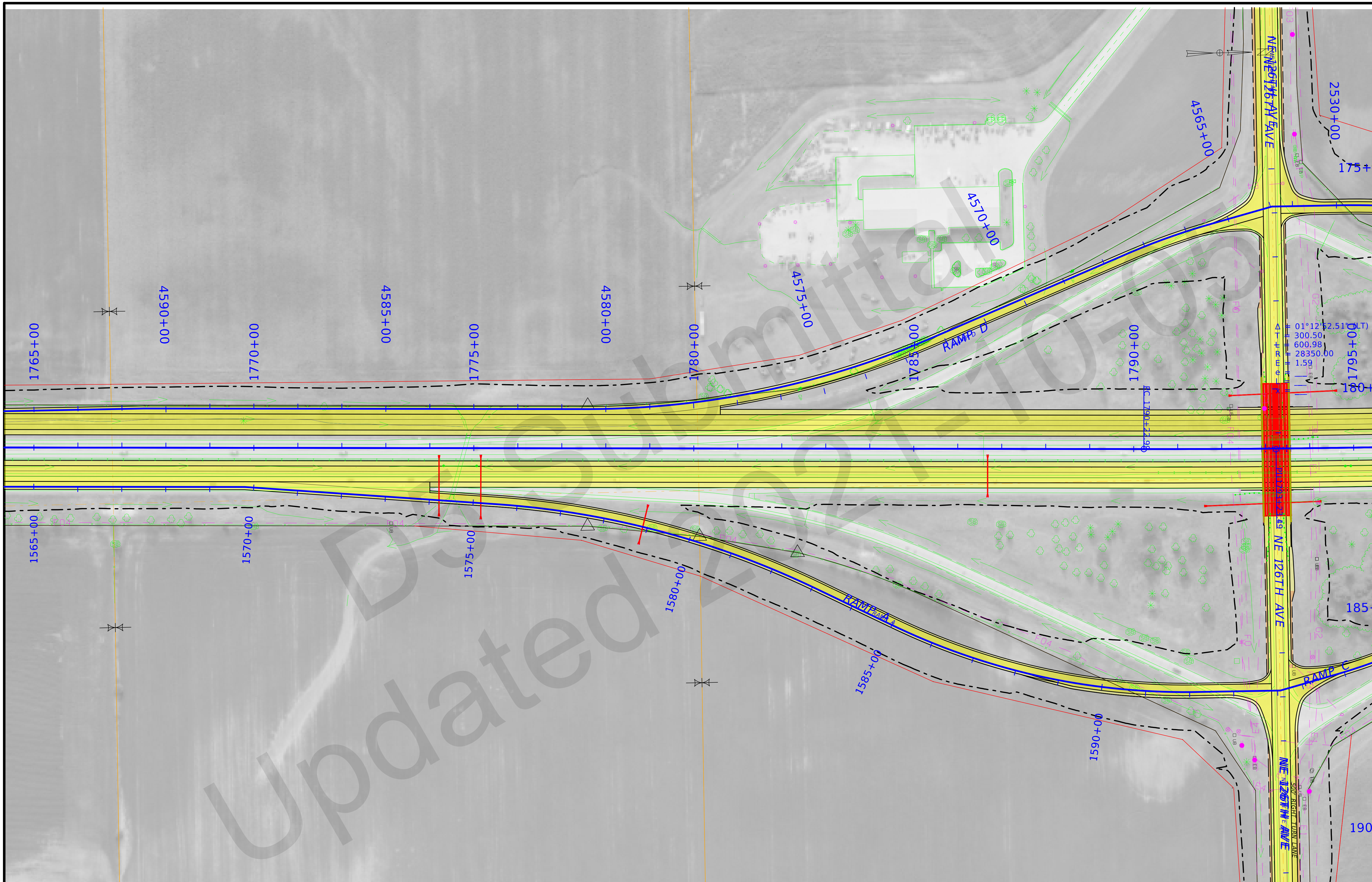
SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.1

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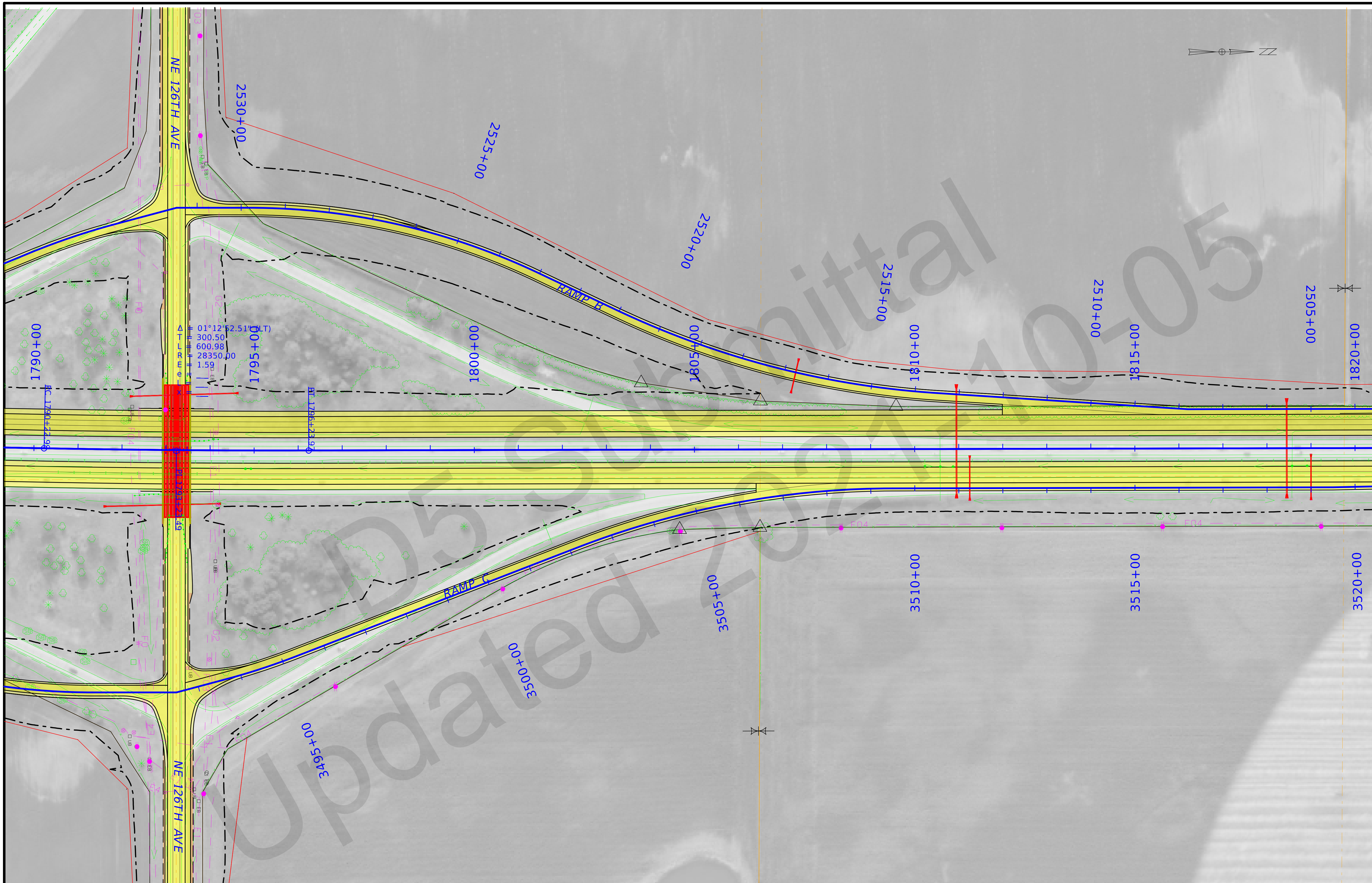

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER	IM-035-4(309)95--13-77	SHEET NUMBER	K.2

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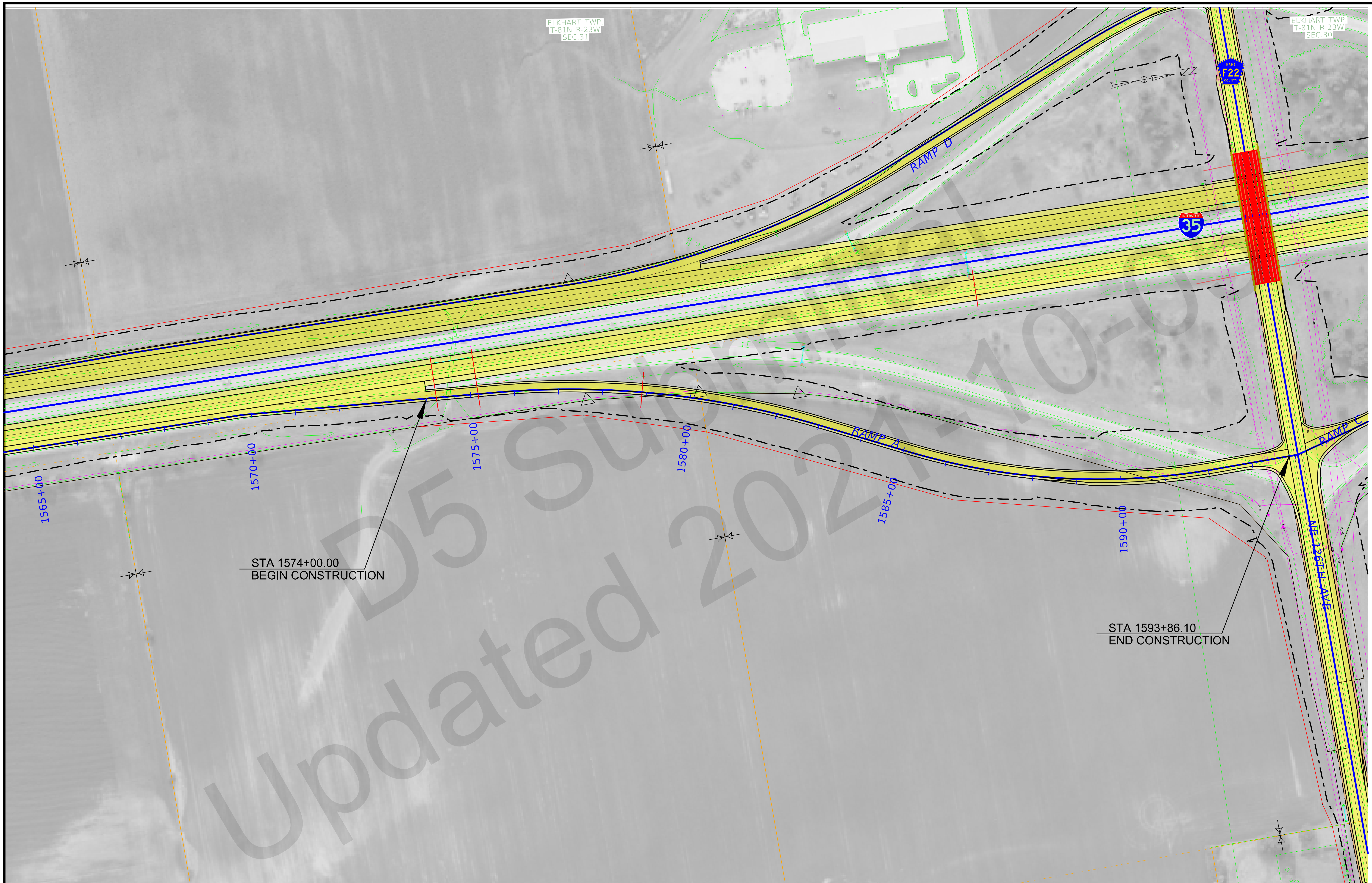

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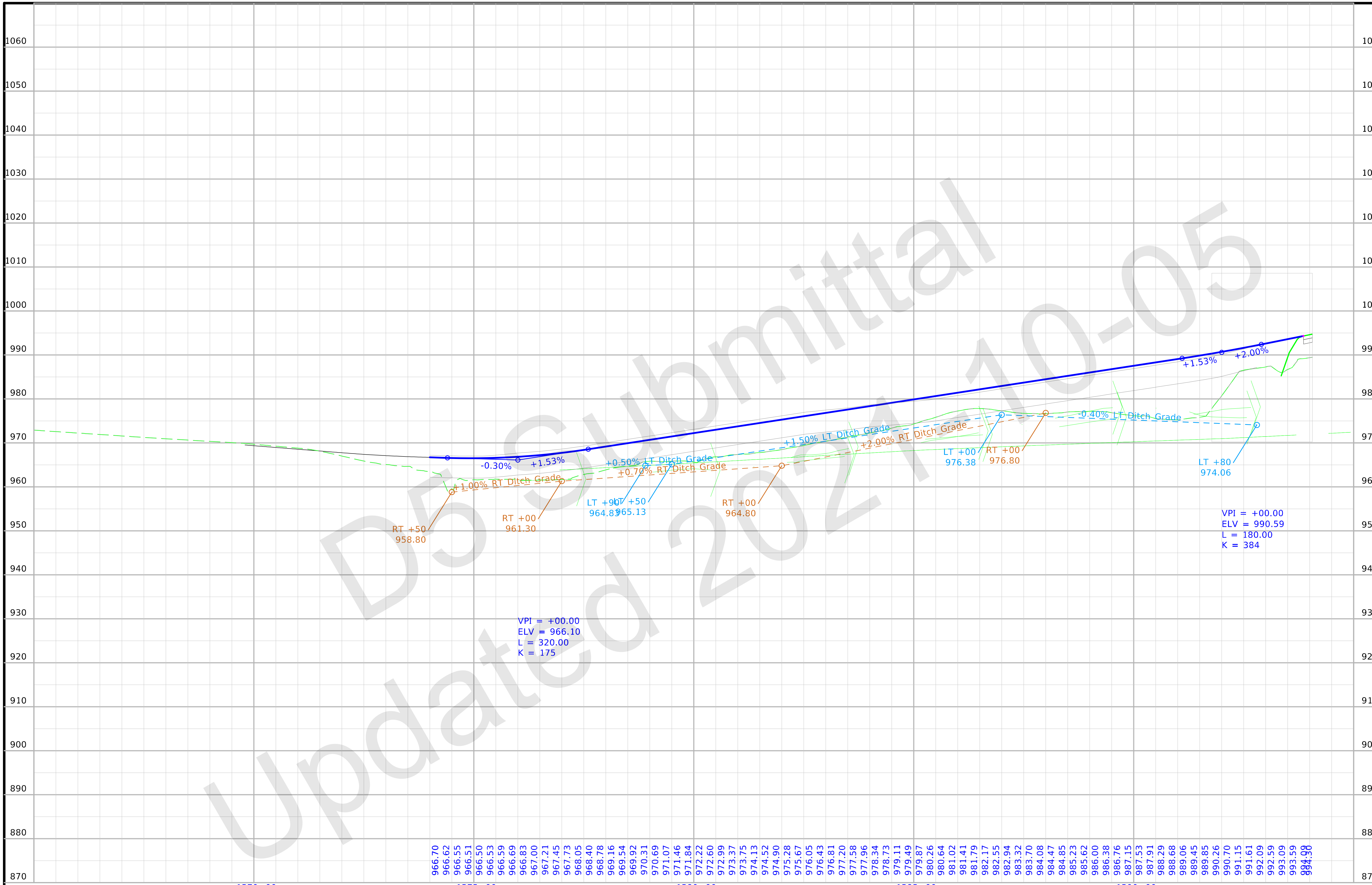

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.4

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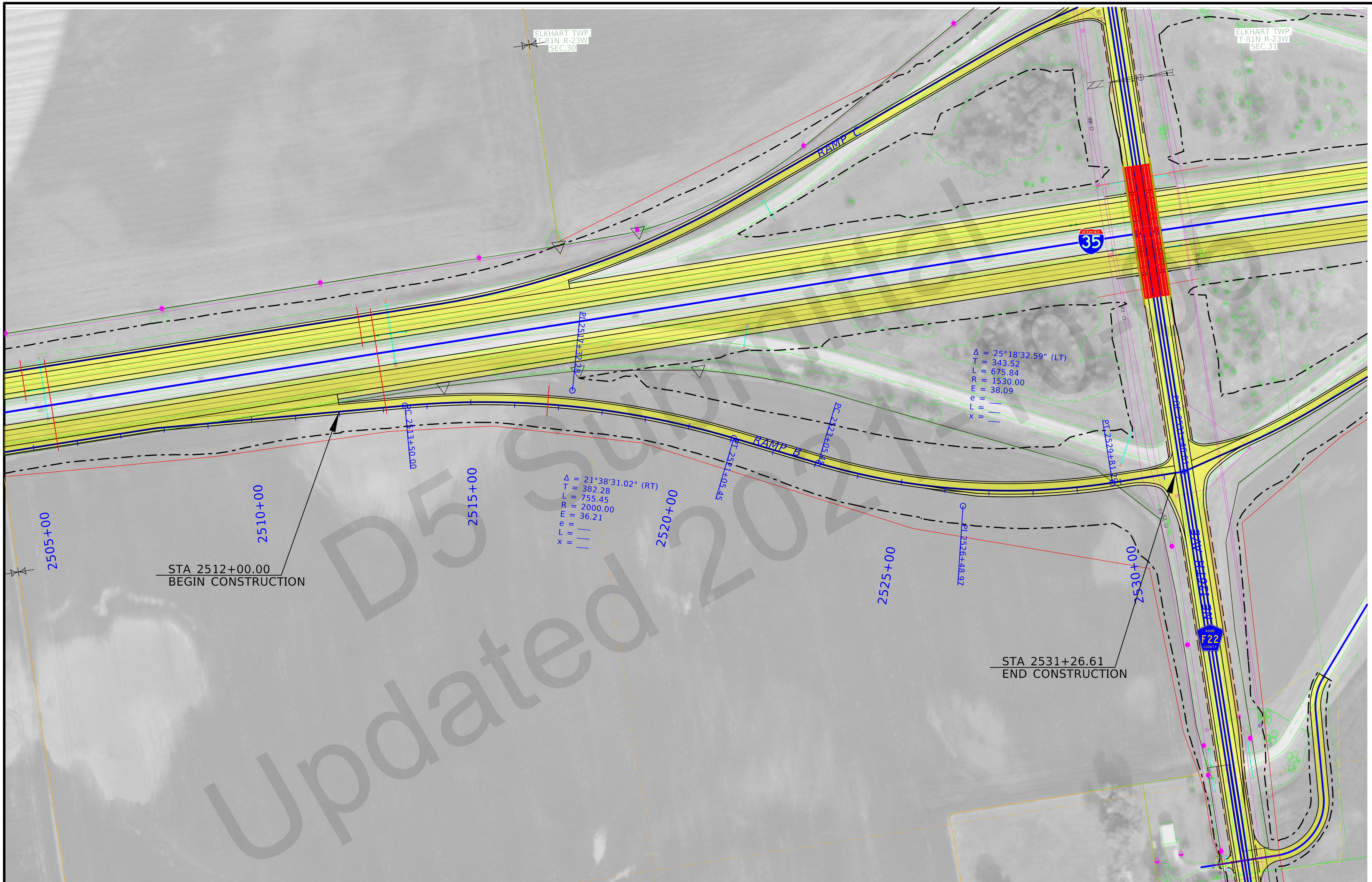
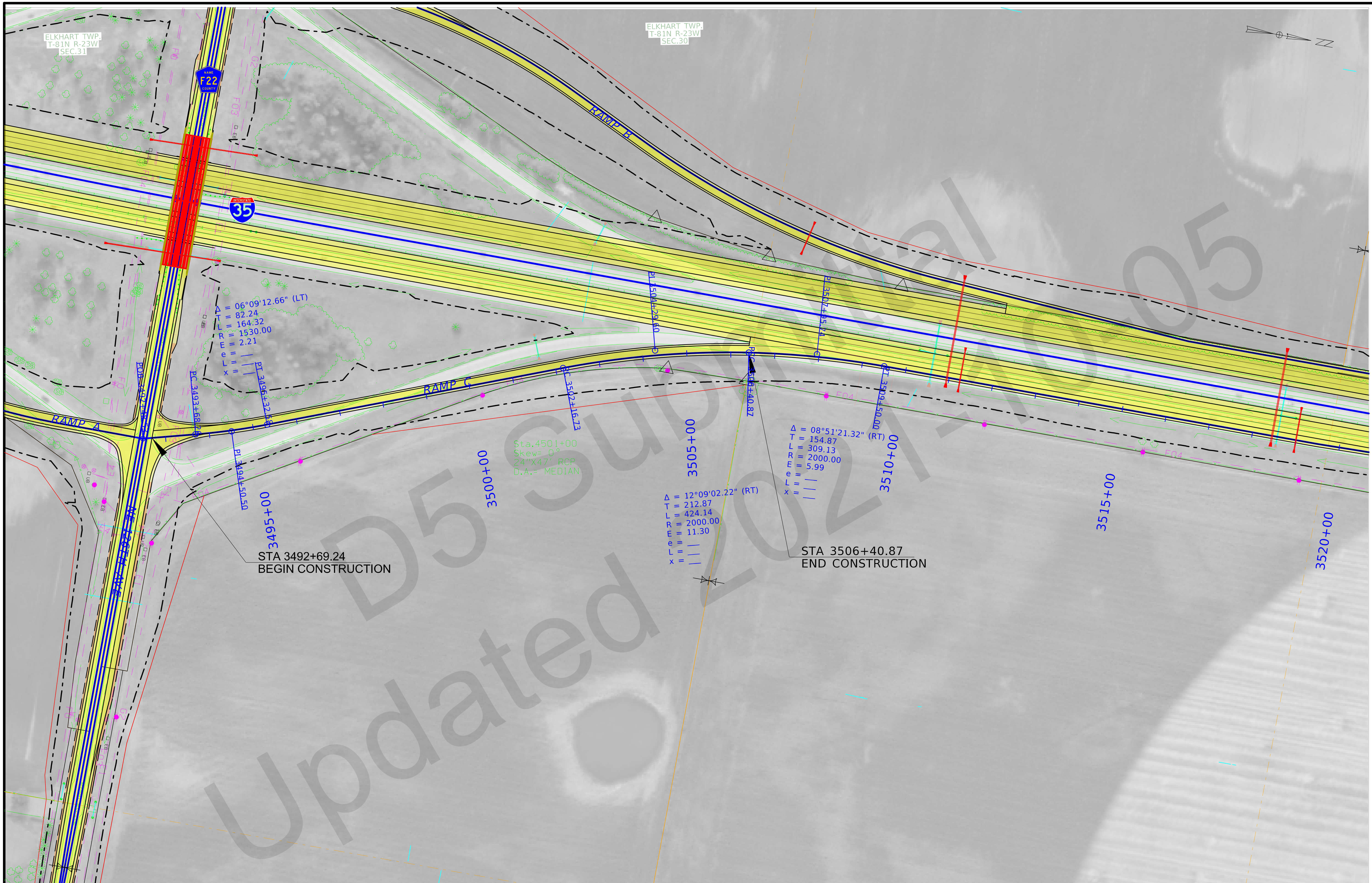


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.5

12:22:31 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\K05_77035309Z08_RMP126B.dgn

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.6

12:22:39 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\K05_77035309Z08_RMP126B.dgn



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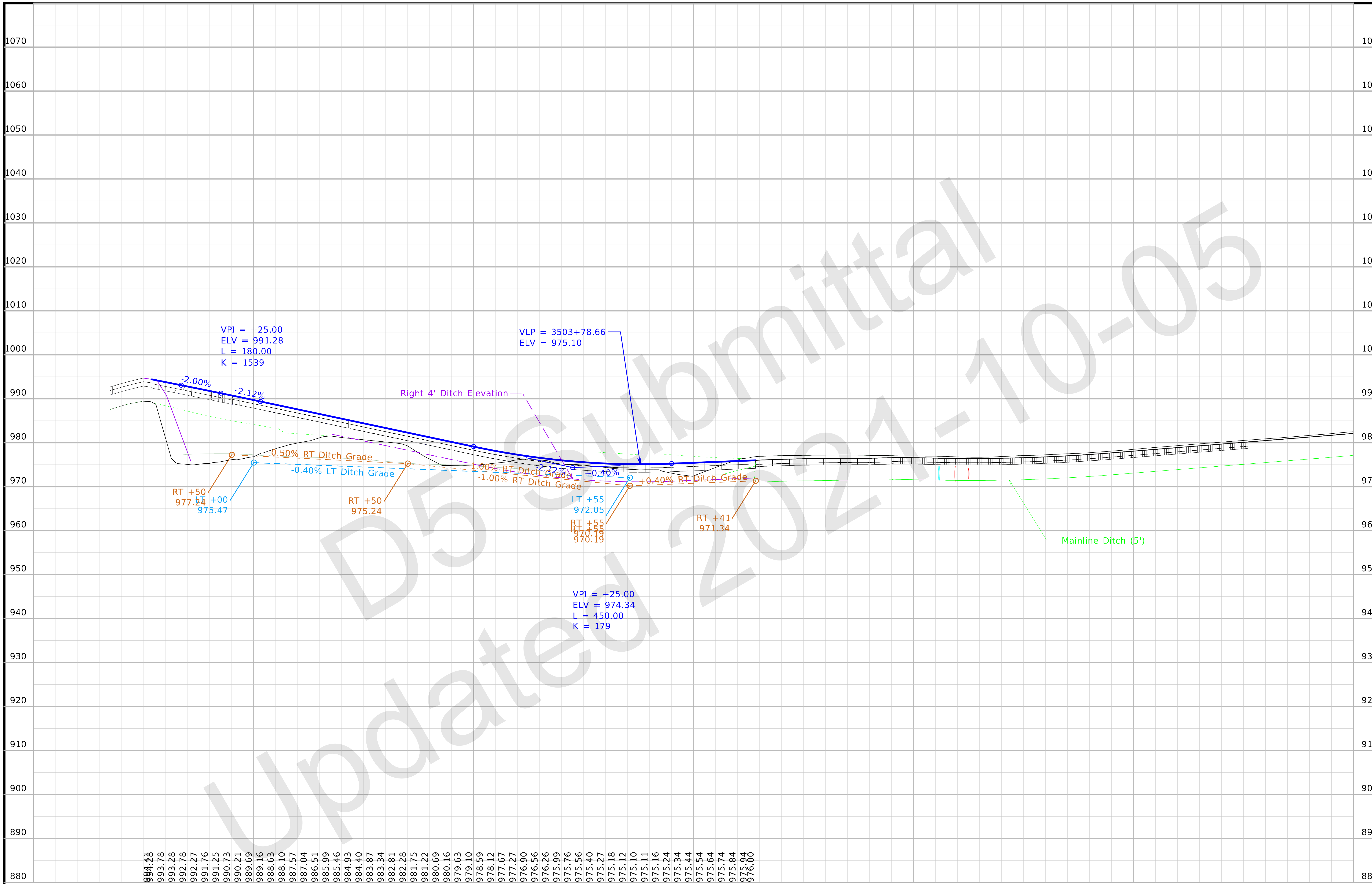

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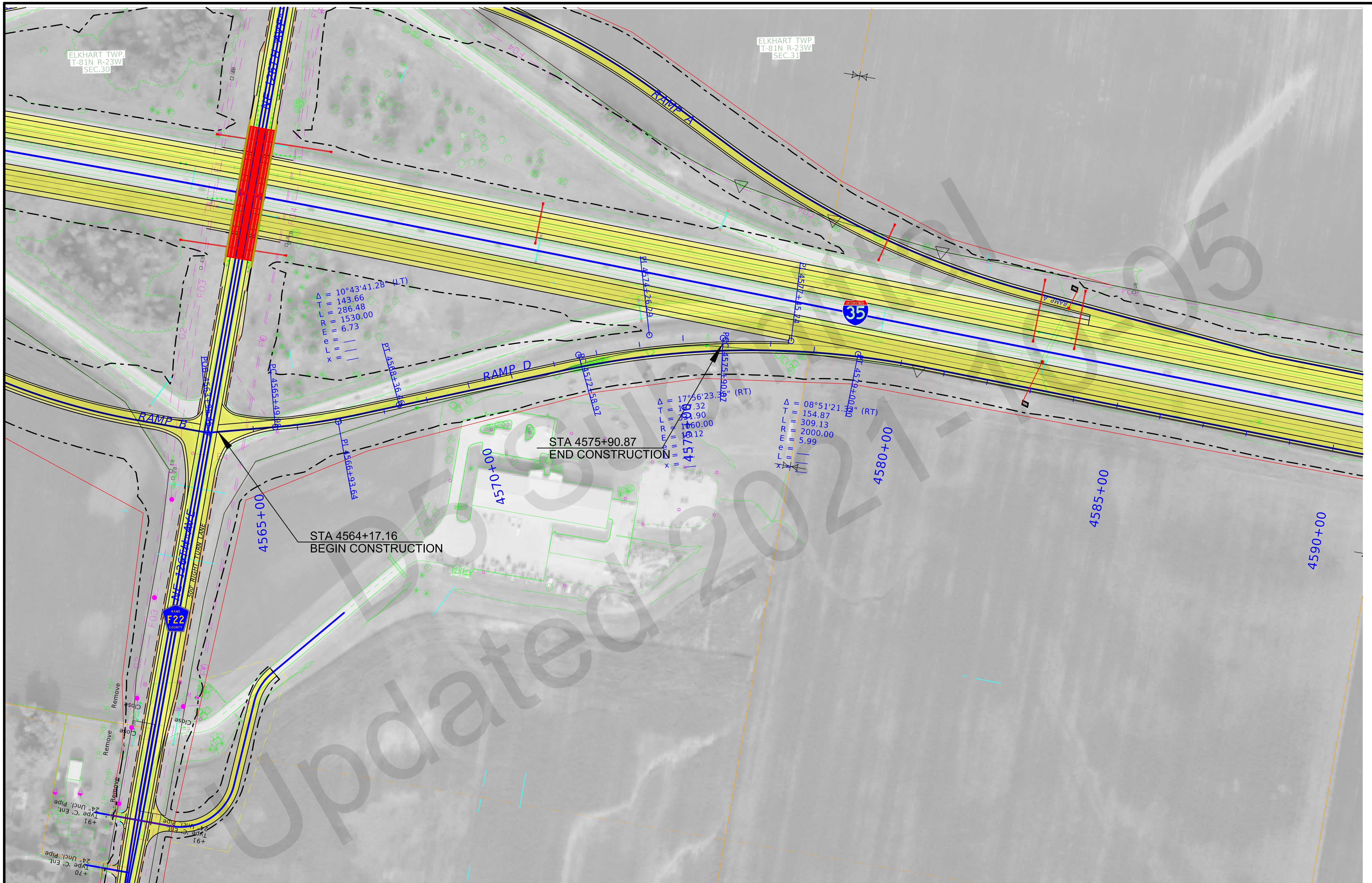

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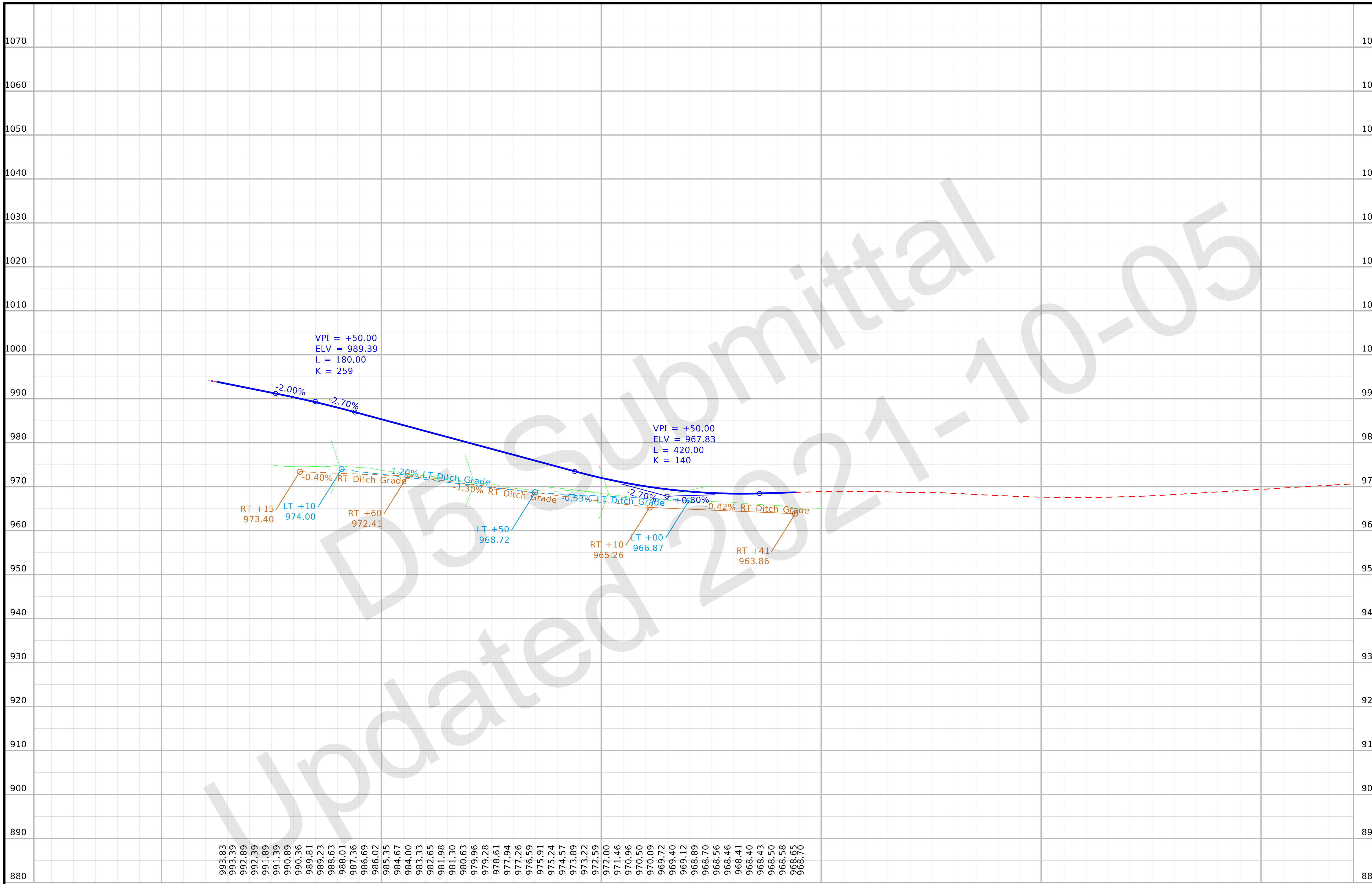

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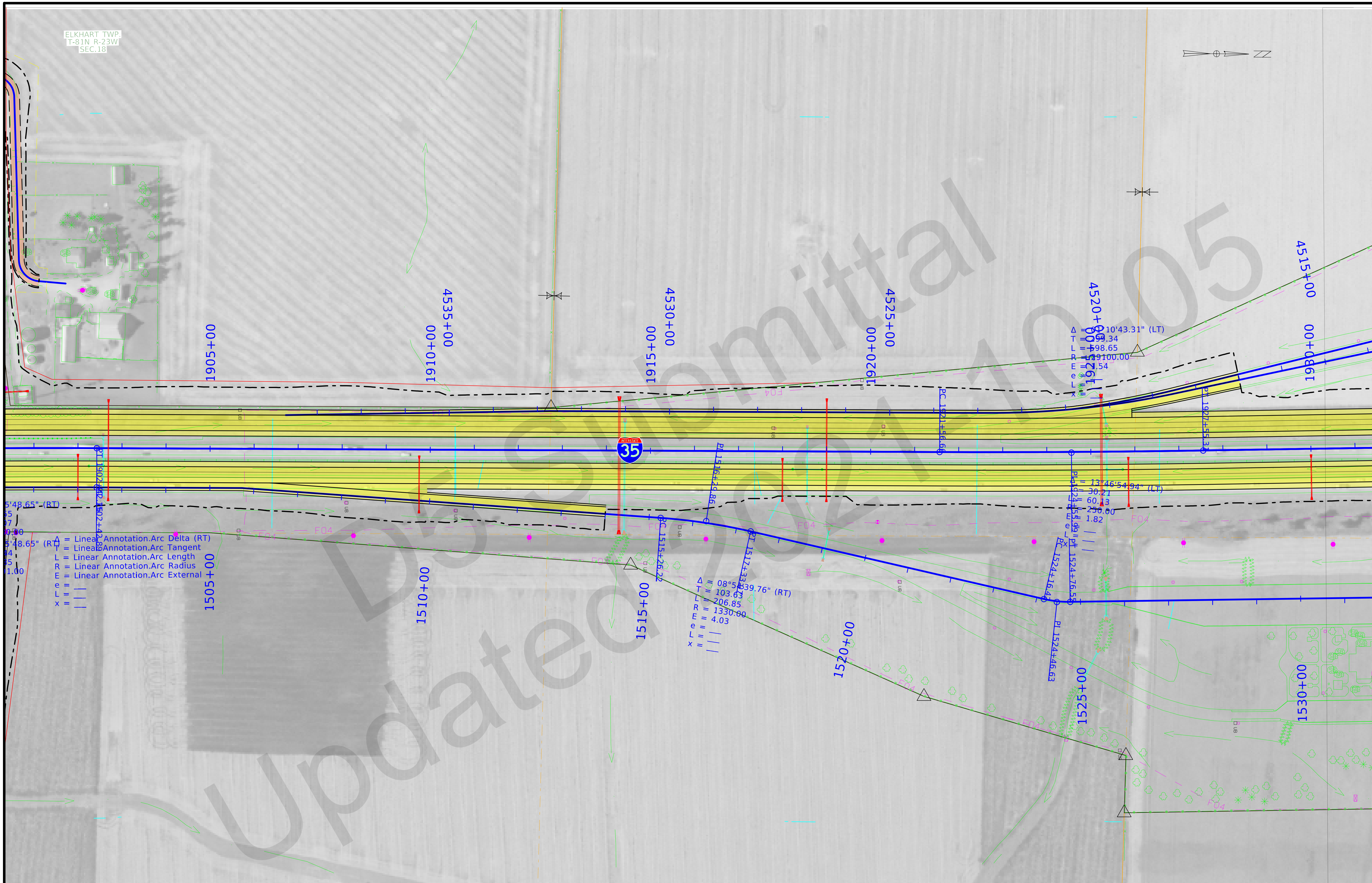

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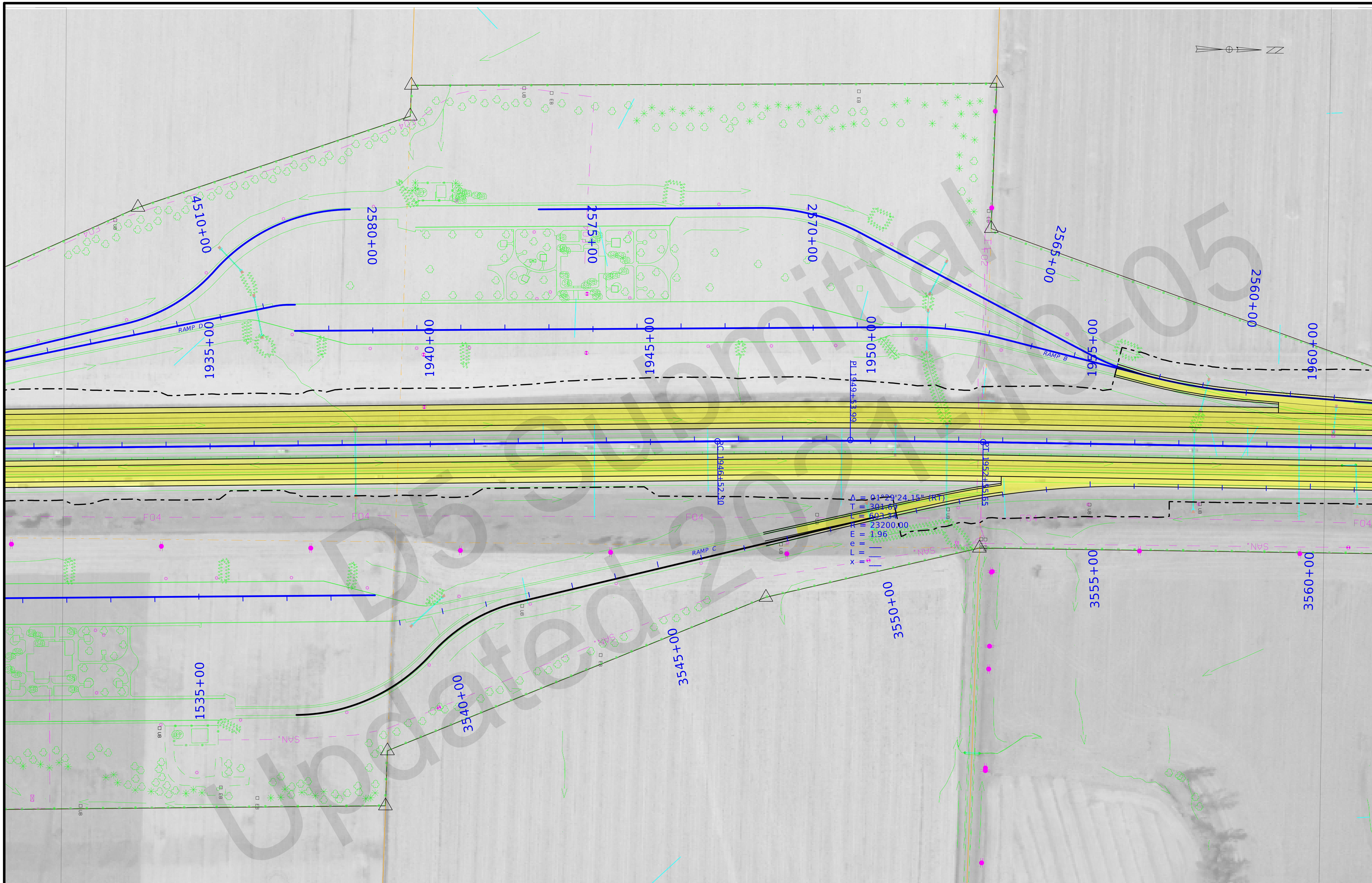

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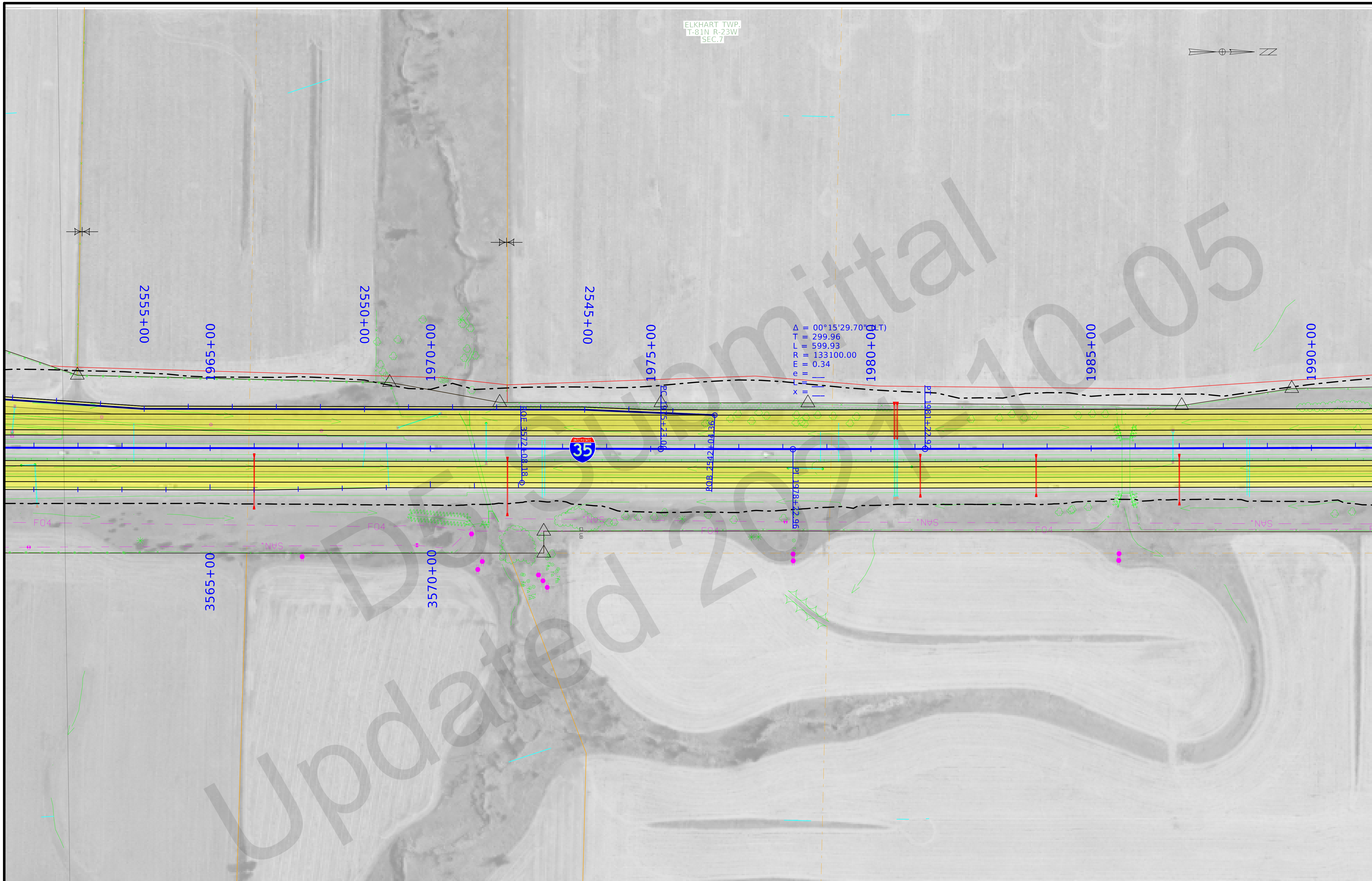

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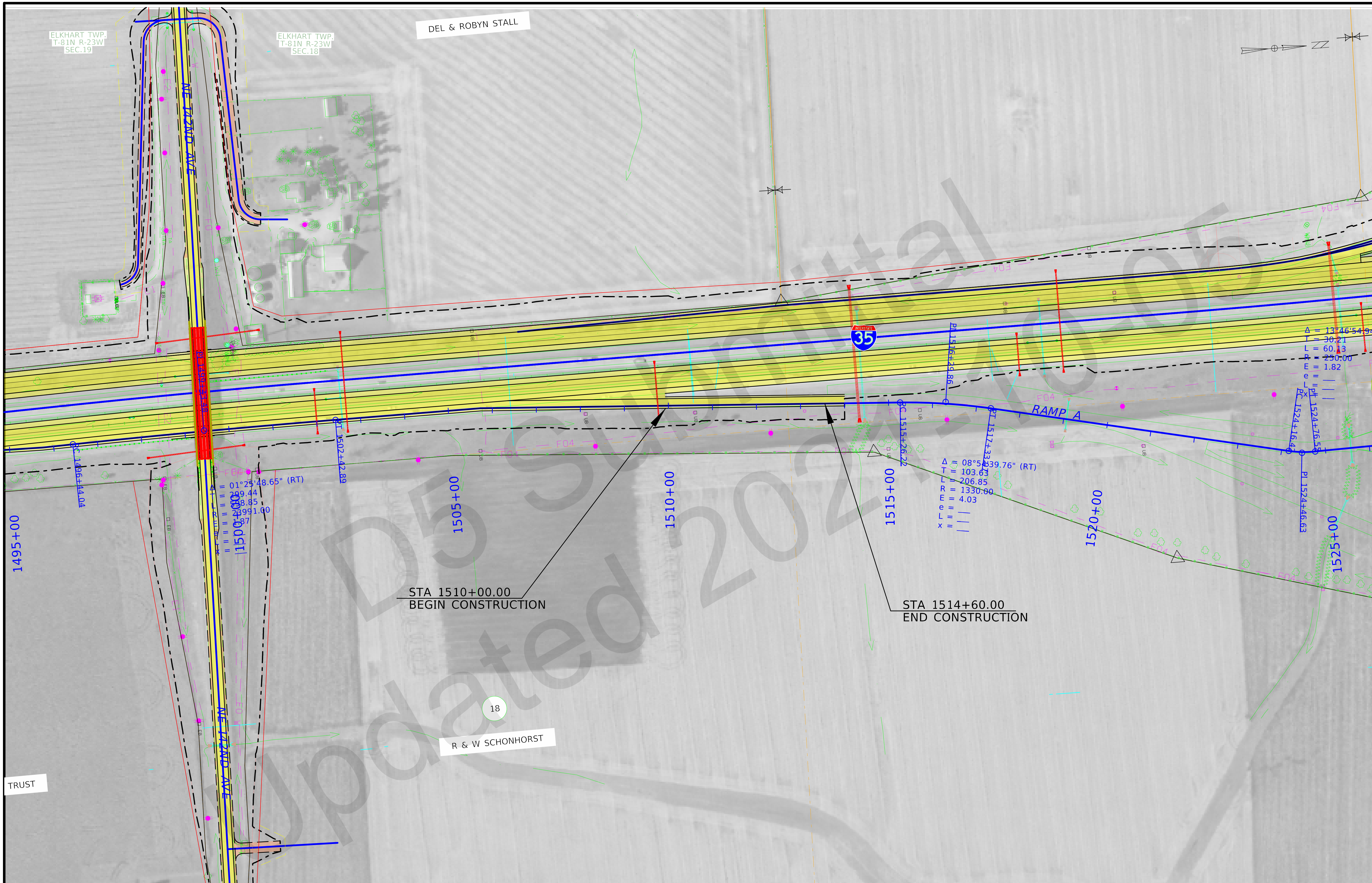
12:25:03 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\K11_77035309Z08_RestArea.dgn



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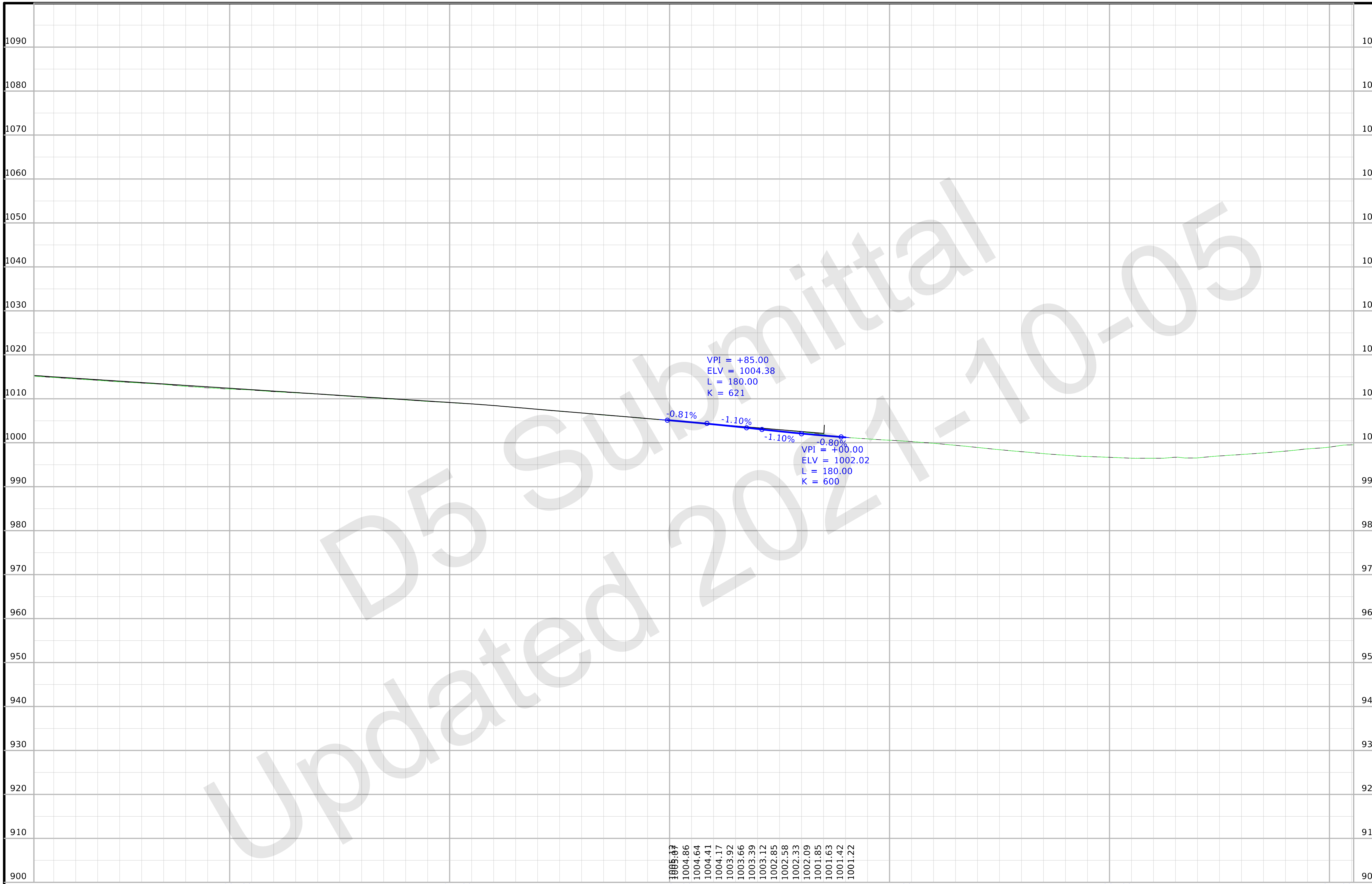

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.15

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.16

12:26:01 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\K16_77035309Z08_RMPRestAreaB.dgn

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.17

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.18

12:26:23 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\K18_77035309Z08_RMPRestAreaC.dgn

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.19

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER	IM-035-4(309)95--13-77	SHEET NUMBER	K.20

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.21

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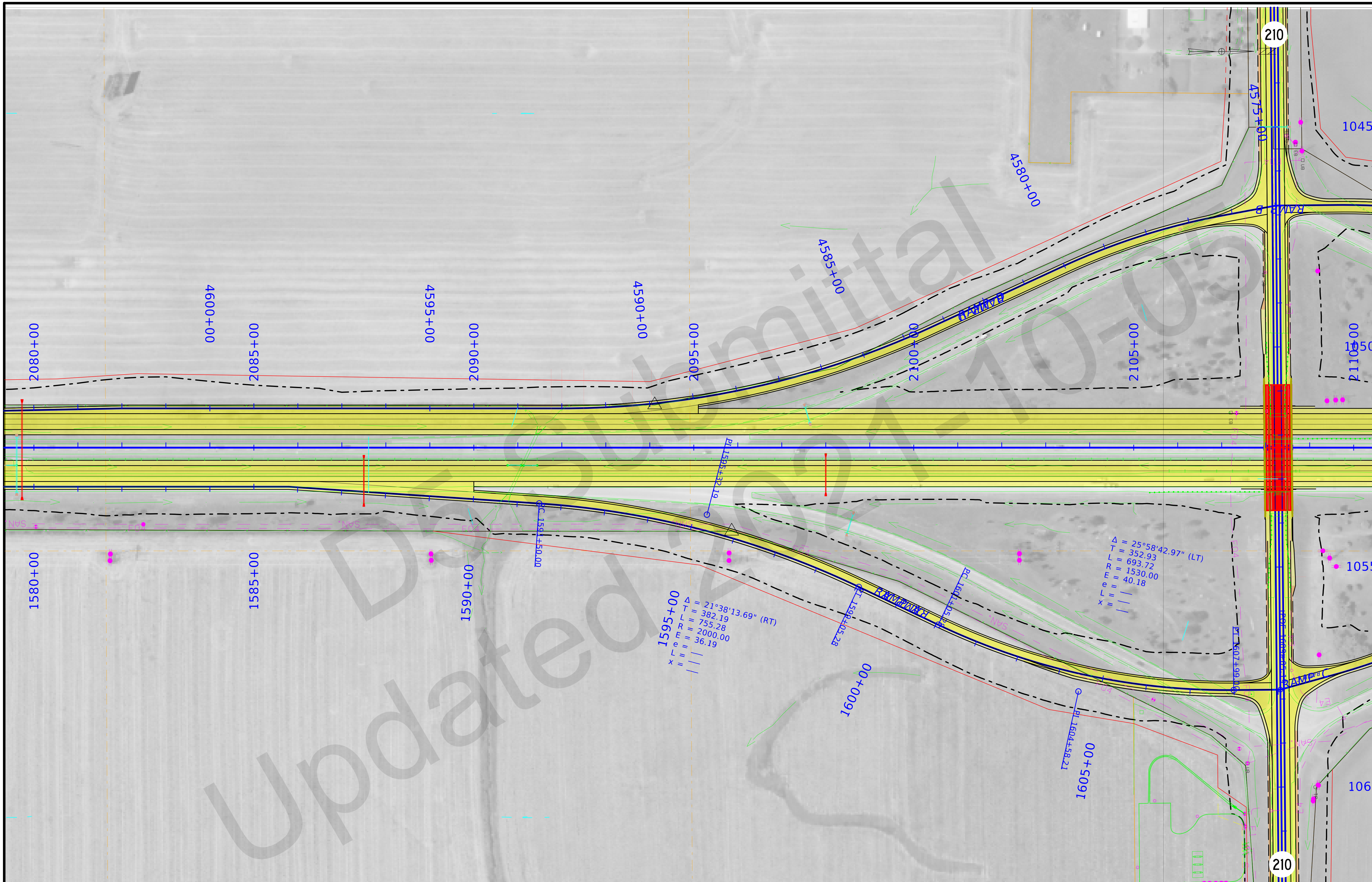

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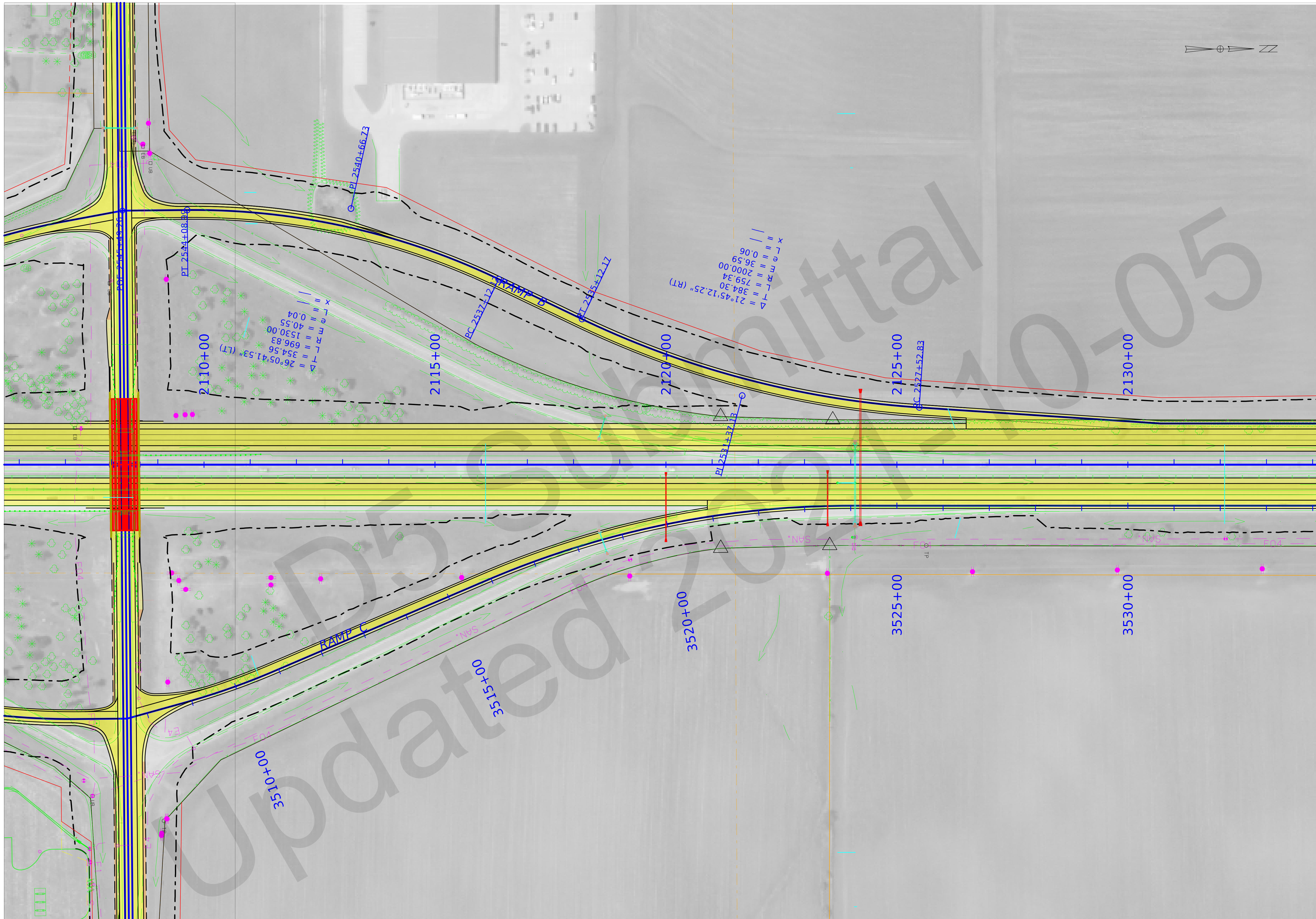

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.23

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FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.24

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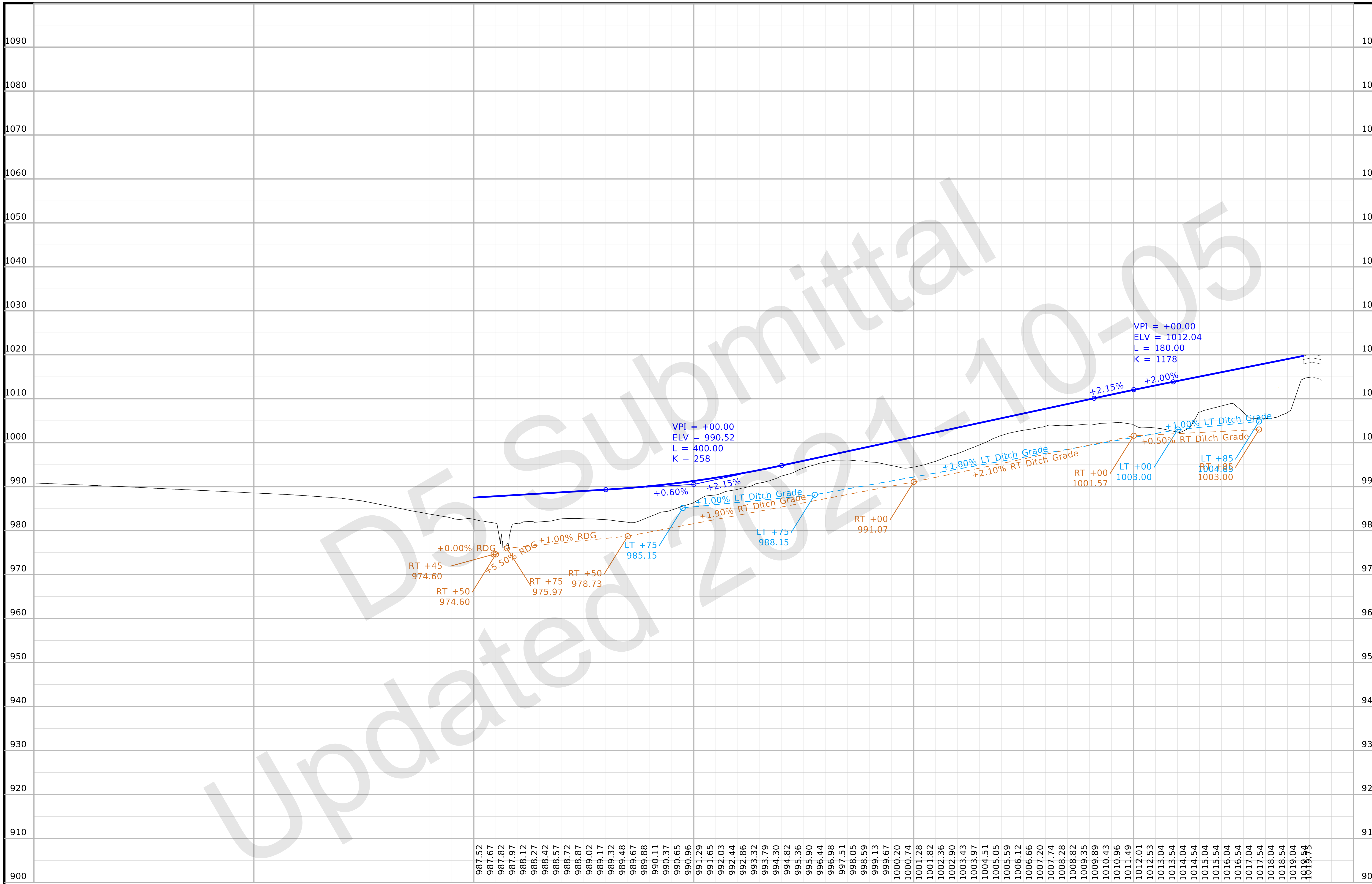

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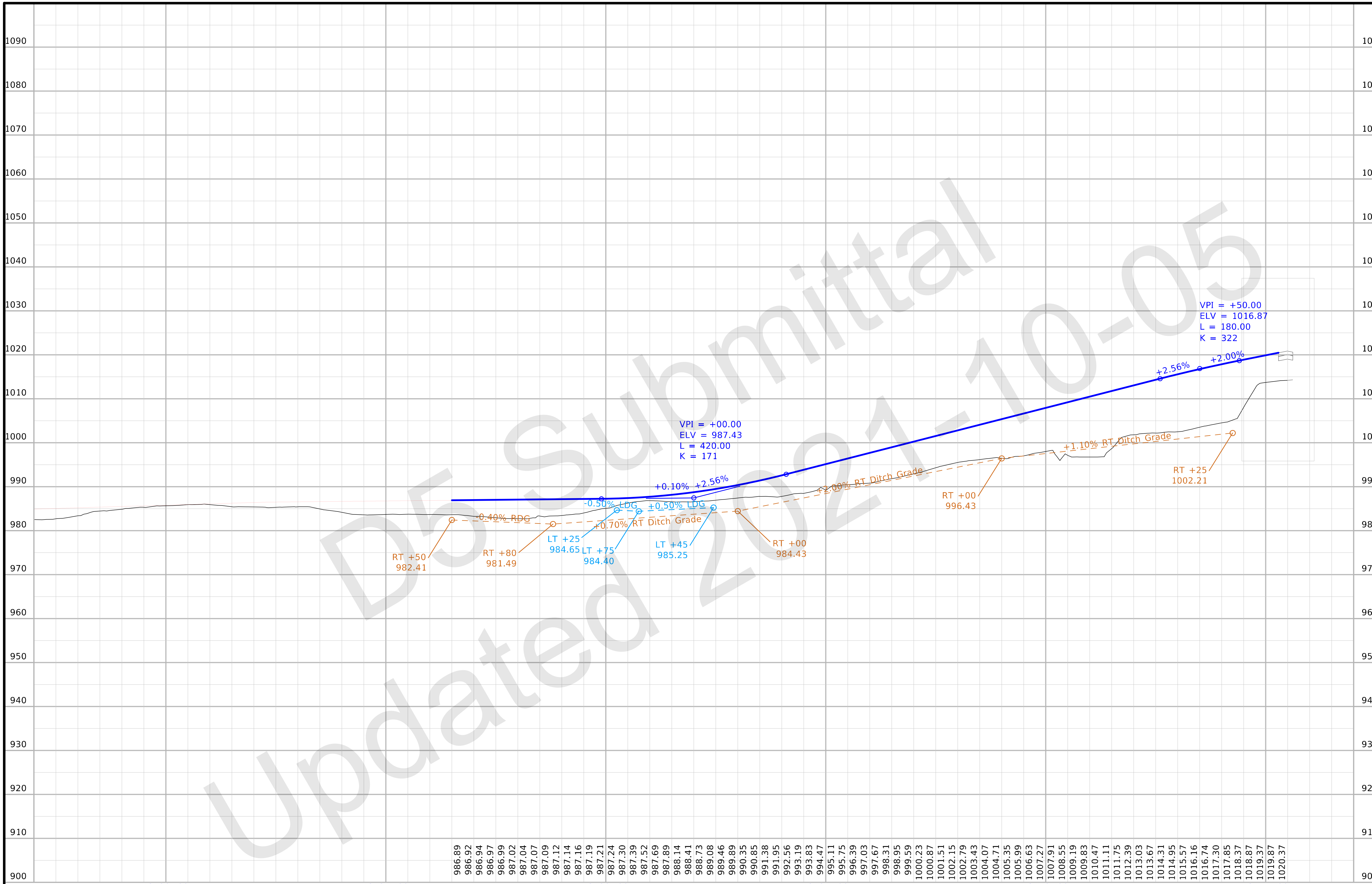
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.26

12:29:09 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\K26_77035309Z08_RMP210B.dgn



FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.27

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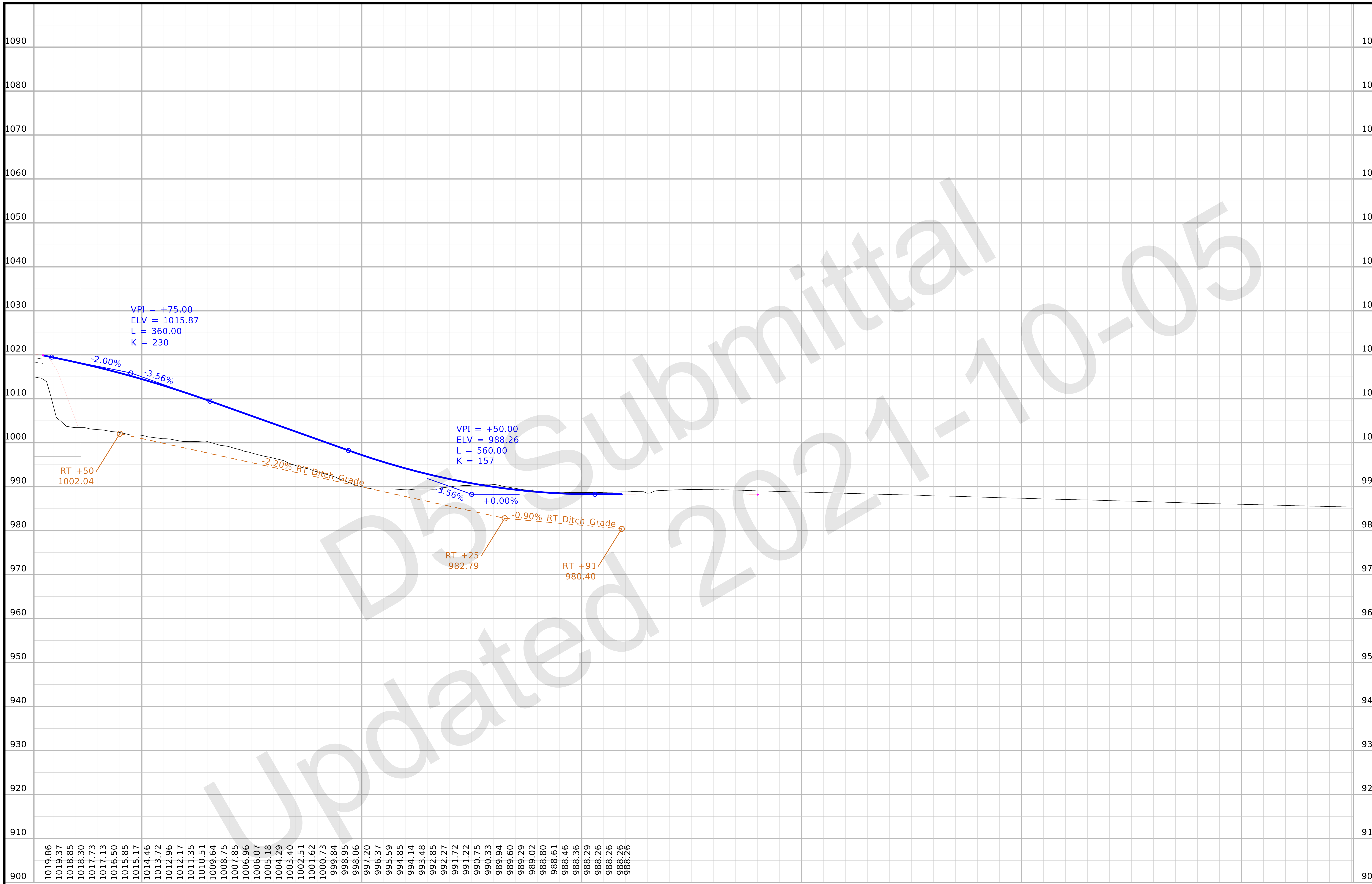
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.28

12:29:39 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\K28_77035309Z08_RMP210C.dgn



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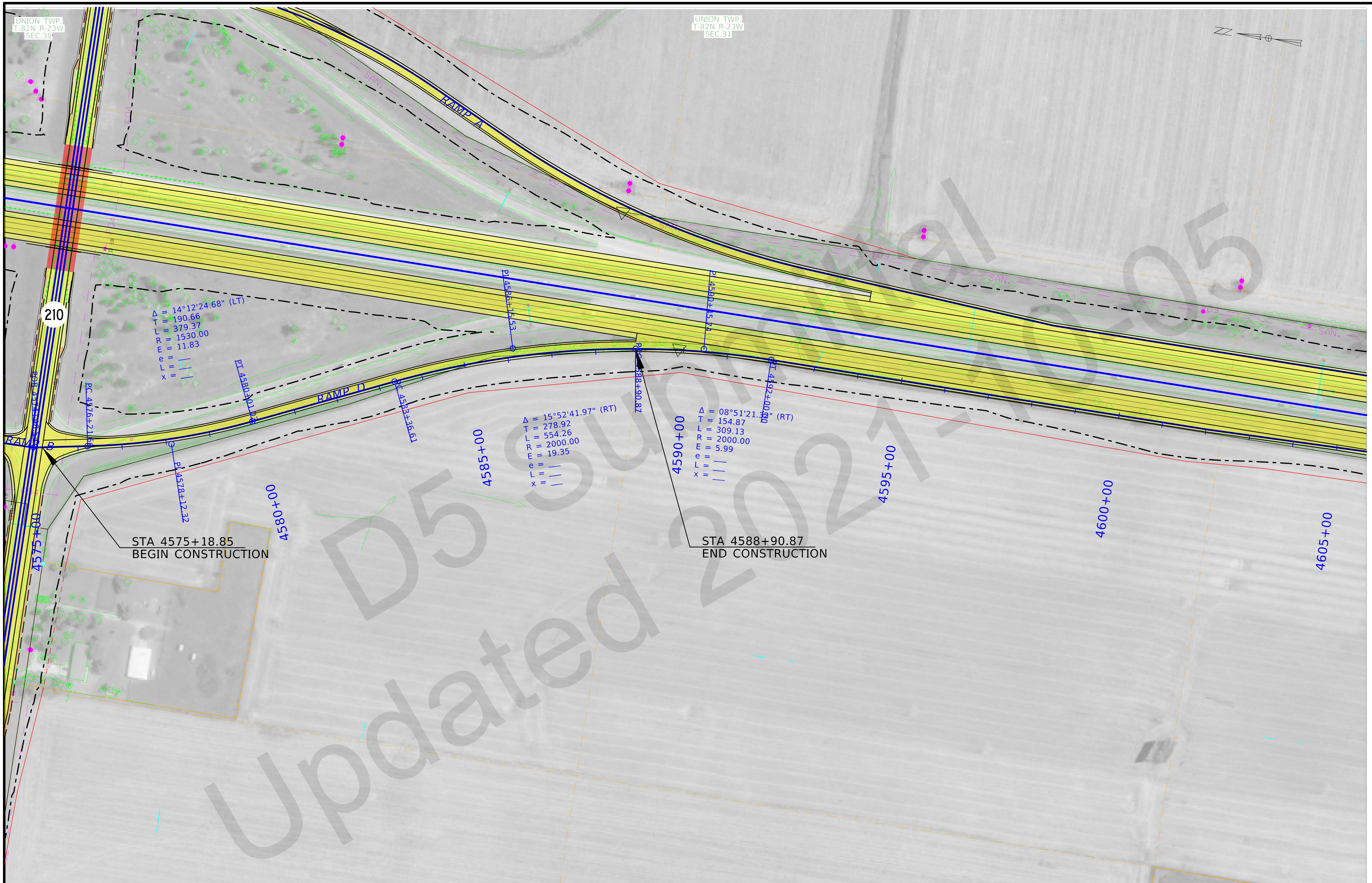


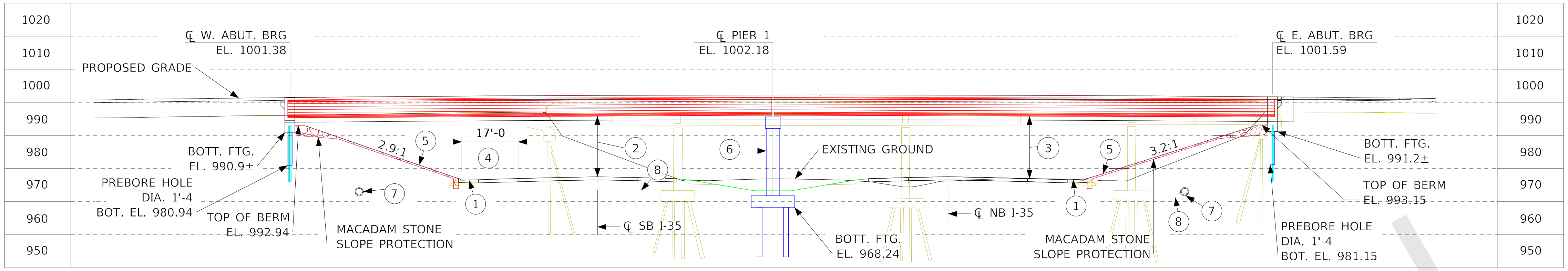
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.30

12:30:00 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\K30_77035309Z08_RMP210D.dgn

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER K.31

12:30:05 PM 10/1/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Sheet_Files\K30_77035309Z08_RMP210D.dgn

CONTROL POINT FENO 3: N 7561546.1, E 18540332; SET FENO MONUMENT 0.4' BELOW GROUND SURFACE ON SE QUADRANT OF NE 126TH AVE/I-35 INTERCHANGE; 86' SOUTH OF EDGE OF CONCRETE AT STA 1497; 35' SE OF WATER MAIN SIGN, 91' SW OF STOP SIGN, 65' NW OF EDGE OF RAMP ASPHALT, EL. 977.048



NOTE: TOP OF BRIDGE DECK AT CENTERLINE ROADWAY IS 0.03' BELOW PROFILE GRADE TO ACCOUNT FOR DECK CROSS SLOPE AND PARABOLIC CROWN

LONGITUDINAL SECTION ALONG ℄ ROADWAY

1. EW-204 GRADING
2. MIN. VERT. CLEARANCE 17.67' PROPOSED CONDITION
3. MIN. VERT. CLEARANCE 18.18' EXISTING CONDITION
4. MEASURED FROM EDGE OF DRIVING LANE TO TOE OF BERM (TYP.)
5. GRADING SURFACE
6. FRAME PIER
7. PROPOSED 24 IN RCP CULVERT
8. EXISTING 24 IN RCP CULVERT (TO BE REMOVED)

(8) ROADWAY SKEW 0° 20' 41.64". ROADWAY SKEW ANGLE IS MEASURED FROM LINE NORMAL TO ℄ NE 126TH AVE TO ℄ CONSTRUCTION OF I-35

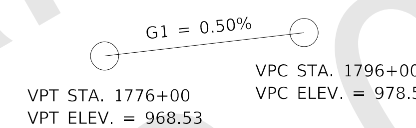
(9) EXISTING 215'-5 X 30' PPCB BRIDGE
DESIGN NO. 1162
FHWA NO. 040790
MAINT. NO. 7796.8O035
TO BE REMOVED

(10) MACADAM STONE SLOPE PROTECTION

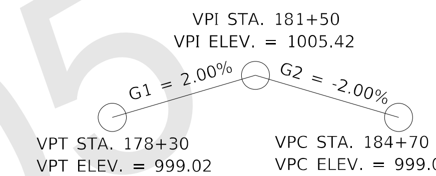
GENERAL NOTES
1. THIS DESIGN IS FOR THE REPLACEMENT OF THE EXISTING 215'-5 X 30' PPCB BRIDGE, DESIGN NO. 1162, FHWA NO. 040790, MAINT. NO. 7796.8O035.

DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN

LOCATION
NE 126TH AVE. OVER I-35
T 81N, R 23W
SECTIONS 30 AND 31
ELKHART TOWNSHIP
POLK COUNTY
MAINT. NO. 7796.8O035
FHWA NO. 040791
LATITUDE 41.791352°
LONGITUDE -93.570539°



PROPOSED PROFILE GRADE I-35

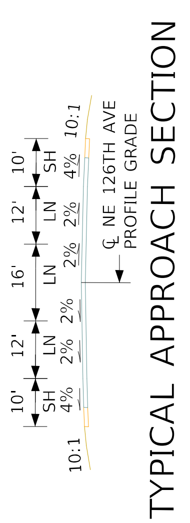


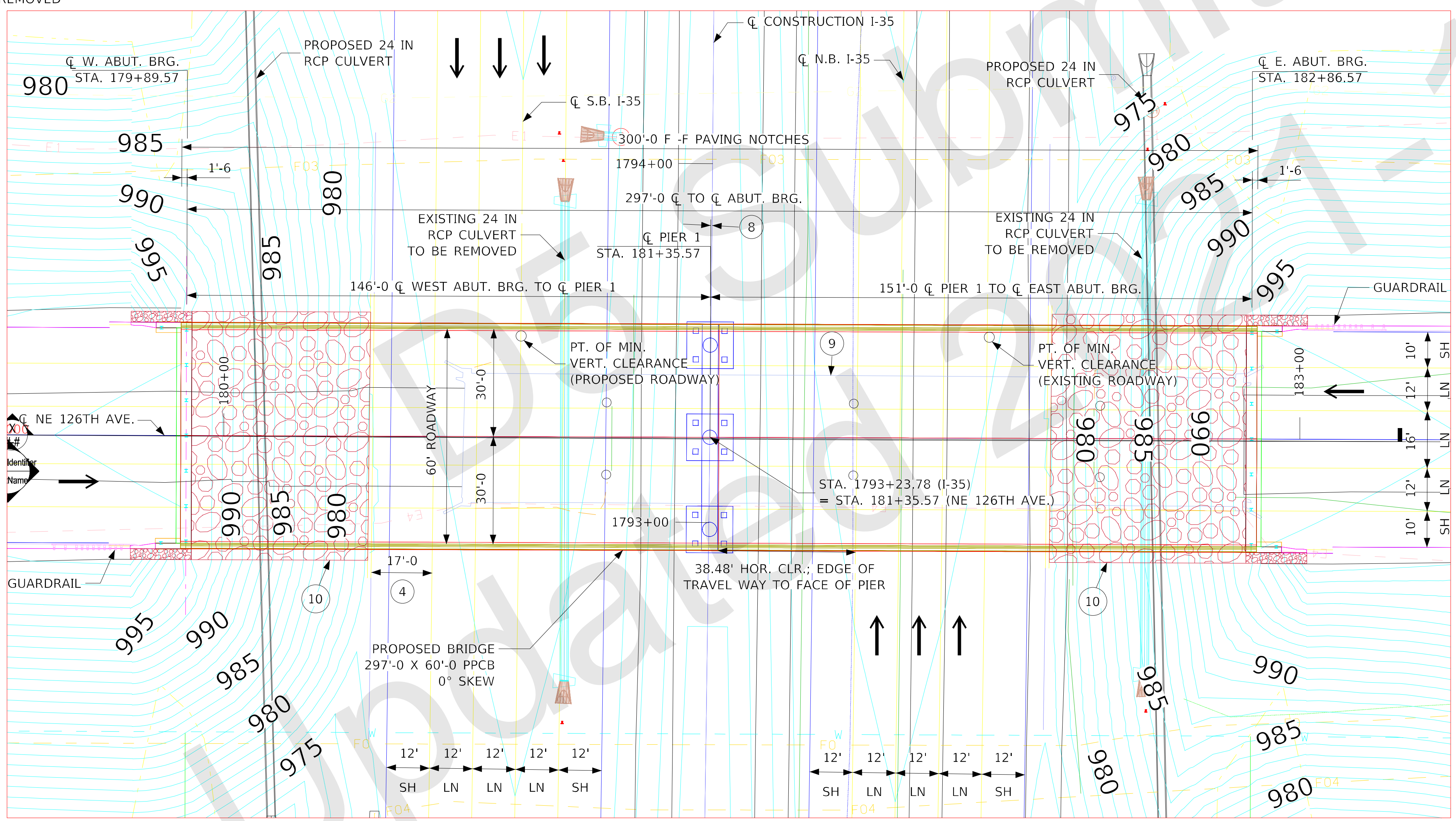
PROPOSED PROFILE GRADE NE 126TH AVE

MIN. VERT. CLEARANCE

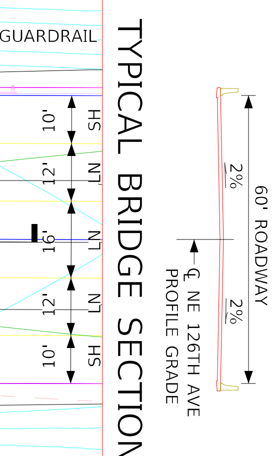
EXISTING CONDITION
OVERHEAD STATION = 182+12.77, 28.58' LT
OVERHEAD ELEVATION = 1001.49
DEPTH OF SUPERSTRUCTURE = 6.13'
I-35 STATION = 1793+52.32, 77.00' RT
I-35 ELEVATION = 977.13
MIN. VERT. CLEARANCE = 18.23'

PROPOSED CONDITION
OVERHEAD STATION = 180+82.84, 28.58' LT
OVERHEAD ELEVATION = 1001.46
DEPTH OF SUPERSTRUCTURE = 6.13'
I-35 STATION = 1793+51.76, 53.00' LT
I-35 ELEVATION = 977.65
MIN. VERT. CLEARANCE = 17.68'





SITUATION PLAN



TRAFFIC ESTIMATE
NE 126TH AVE

2016 AADT	4,630	V.P.D.
2045 AADT	10,081	V.P.D.
202_ DHV		V.P.H.
TRUCKS	10	%
TOTAL DESIGN ESALs		

TRAFFIC ESTIMATE
INTERSTATE 35

2016 AADT	45,000	V.P.D.
2045 AADT	103,000	V.P.D.
202_ DHV		V.P.H.
TRUCKS	20	%
TOTAL DESIGN ESALs		

UTILITIES LEGEND
E1 - ELECTRICAL - CONSUMERS ENERGY
E4 - ELECTRICAL - IOWA DOT
FO - FIBER OPTIC - WINDSTREAM COMMUNICATIONS
FO3 - FIBER OPTIC - UNITE PRIVATE NETWORKS
FO4 - FIBER OPTIC - IOWA COMMUNICATIONS NETWORK
G2 - GAS - MIDAMERICAN ENERGY COMPANY
W - WATER - DES MOINES WATER WORKS

N

0 ENGLISH 40
SCALE IN FEET

PRELIMINARY
DESIGN FOR 0° SKEW

297'-0 X 60'-0 PRETENSIONED PRESTRESSED CONC. BEAM BRIDGE

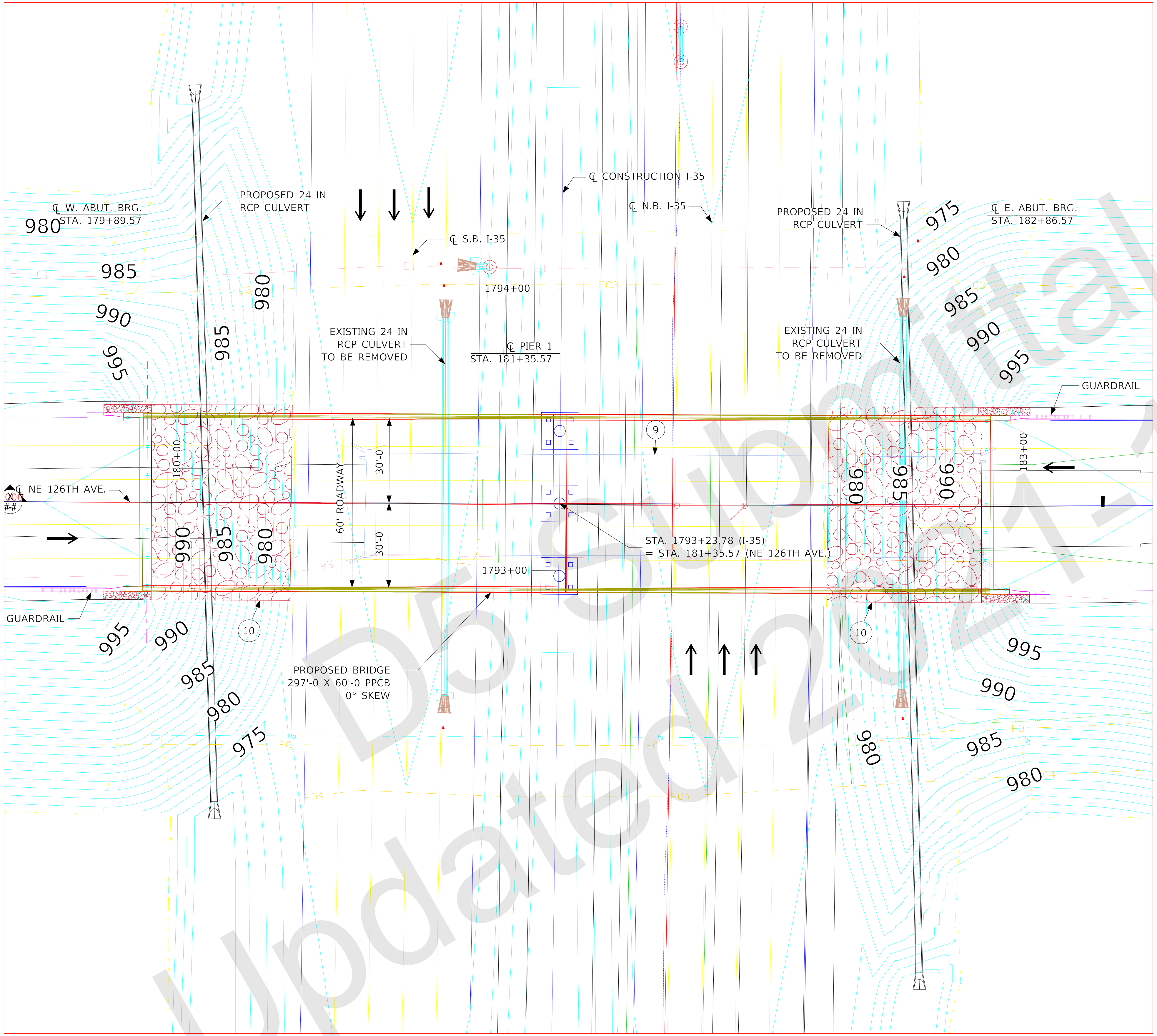
146'-0 AND 151'-0 SPANS
BTE BEAMS

SITUATION PLAN

STA. 181+35.57
MARCH 2021

POLK COUNTY

DESIGN SHEET NO. 1 OF 2 FILE NO. 32044 DESIGN NO. 423



SITE PLAN

9. EXISTING 215'-5 X 30' PPCB BRIDGE
DESIGN 1162
FHWA NO. 040790
MAINT. NO. 7796.8O035
TO BE REMOVED

10. MACADAM STONE
SLOPE PROTECTION

DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN

N

0 ENGLISH 40
SCALE IN FEET

PRELIMINARY
DESIGN FOR 0° SKEW

297'-0 X 60'-0 PRETENSIONED PRESTRESSED CONC. BEAM BRIDGE

146'-0 AND 151'-0 SPANS — BTE BEAMS

SITUATION PLAN - SITE

STA. 181+35.57 — MARCH 2021

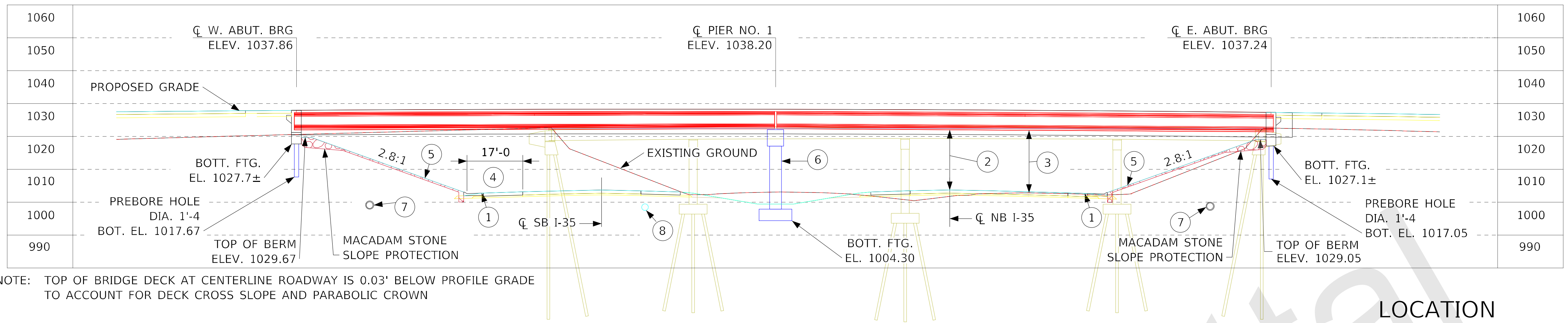
POLK COUNTY

DESIGN SHEET NO. 2 OF 2 — FILE NO. 32044 — DESIGN NO. 423

FILE NO.	ENGLISH	DESIGN TEAM	POLK COUNTY	PROJECT NUMBER IM-035-4(245)96--13-77	SHEET NUMBER V.2	REVISED

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

CONTROL POINT FENO 5: N 7572284.1, E 18540734; SET FENO MONUMENT 0.4' BELOW GROUND SURFACE ON NE 142ND AVE 0.34 MILES W OF NE 29TH ST\NE 142ND AVE INT. 29' NORTH OF EDGE OF WBL PAINT STRIPE; 25' NE OF NO PASSING SIGN, 10' NE OF CTR OF W END CUL, 78' W OF TOP OF TPD, EL. 1004.76



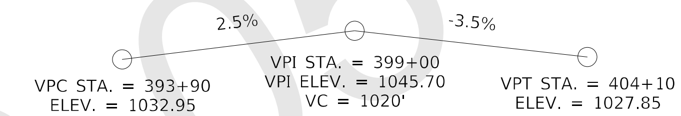
NOTE: TOP OF BRIDGE DECK AT CENTERLINE ROADWAY IS 0.03' BELOW PROFILE GRADE TO ACCOUNT FOR DECK CROSS SLOPE AND PARABOLIC CROWN

LONGITUDINAL SECTION ALONG ℄ NE 142 AVE. APPROACH ROADWAY

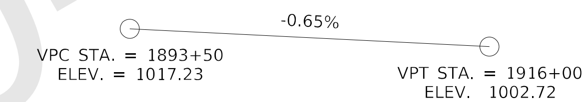
1. EW-204 GRADING
2. MIN. VERT. CLEARANCE 17.81' PROPOSED CONDITION
3. MIN. VERT. CLEARANCE 18.55' EXISTING CONDITION
4. MEASURED FROM EDGE OF DRIVING LANE TO TOE OF BERM (TYP.)
5. GRADING SURFACE
6. FRAME PIER
7. PROPOSED 24 IN RCP CULVERT
8. EXISTING 24 IN CMP CULVERT (TO BE REMOVED)

LOCATION

NE 142ND AVE. OVER I-35
T 81N, R 23W
SECTIONS 18 AND 19
ELKHART TOWNSHIP
POLK COUNTY
MAINT. NO. 7798.7O035
FHWA NO. 041871
LATITUDE 41.820491°
LONGITUDE -93.571007°



PROPOSED PROFILE GRADE NE 142ND AVE



PROPOSED PROFILE GRADE I-35

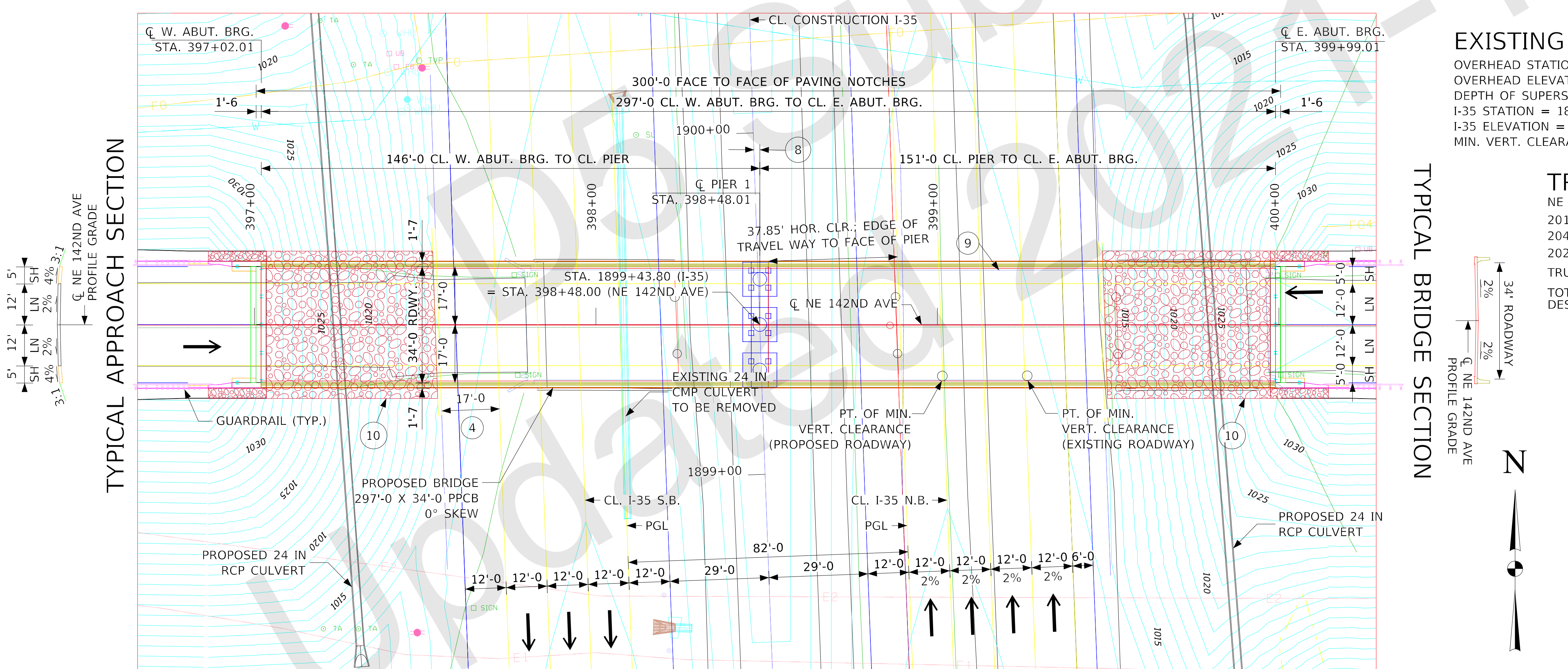
8. ROADWAY SKEW 1° 59' 27.80". ROADWAY SKEW ANGLE IS MEASURED FROM LINE NORMAL TO ℄ NE 142ND AVE TO ℄ CONSTRUCTION OF I-35
9. EXISTING 215'-5 X 28' PPCB BRIDGE DESIGN 1362 FHWA NO. 041870 MAINT. NO. 7798.7O035 TO BE REMOVED
10. MACADAM STONE SLOPE PROTECTION

GENERAL NOTES
THIS DESIGN IS FOR THE REPLACEMENT OF THE EXISTING 215'-5 X 28' PPCB BRIDGE, DESIGN NO. 1362, FHWA NO. 041870, MAINT. NO. 7798.7O035

DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN

MIN. VERT. CLEARANCE

EXISTING CONDITION	PROPOSED CONDITION
OVERHEAD STATION = 399+25.85, 15.43' RT	OVERHEAD STATION = 399+01.55, 15.43' RT
OVERHEAD ELEVATION = 1037.57	OVERHEAD ELEVATION = 1037.70
DEPTH OF SUPERSTRUCTURE = 6.13'	DEPTH OF SUPERSTRUCTURE = 6.13'
I-35 STATION = 1899+25.98, 77.32' RT	I-35 STATION = 1899+26.57, 53.00' RT
I-35 ELEVATION = 1012.89	I-35 ELEVATION = 1013.76
MIN. VERT. CLEARANCE = 18.55'	MIN. VERT. CLEARANCE = 17.81'



SITUATION PLAN

N

0 ENGLISH 40
SCALE IN FEET

TRAFFIC ESTIMATE

NE 142ND AVE

2016 AADT	240	V.P.D.
2045 AADT	240	V.P.D.
202_ DHV		V.P.H.
TRUCKS		%
TOTAL DESIGN ESALs		

TRAFFIC ESTIMATE

INTERSTATE 35

2016 AADT	45,000	V.P.D.
2045 AADT	103,000	V.P.D.
202_ DHV		V.P.H.
TRUCKS	20	%
TOTAL DESIGN ESALs		

UTILITIES LEGEND

E1 - ELECTRIC - CONSUMERS ENERGY
E2 - ELECTRIC - MIDAMERICAN ENERGY
FO - FIBER OPTIC - WINDSTREAM COMMUNICATIONS
FO4 - FIBER OPTIC - IOWA COMMUNICATIONS NETWORK
W - WATER - DES MOINES WATER WORKS

PRELIMINARY
DESIGN FOR 0° SKEW

297'-0 X 34'-0 PRETENSIONED PRESTRESSED CONC. BEAM BRIDGE

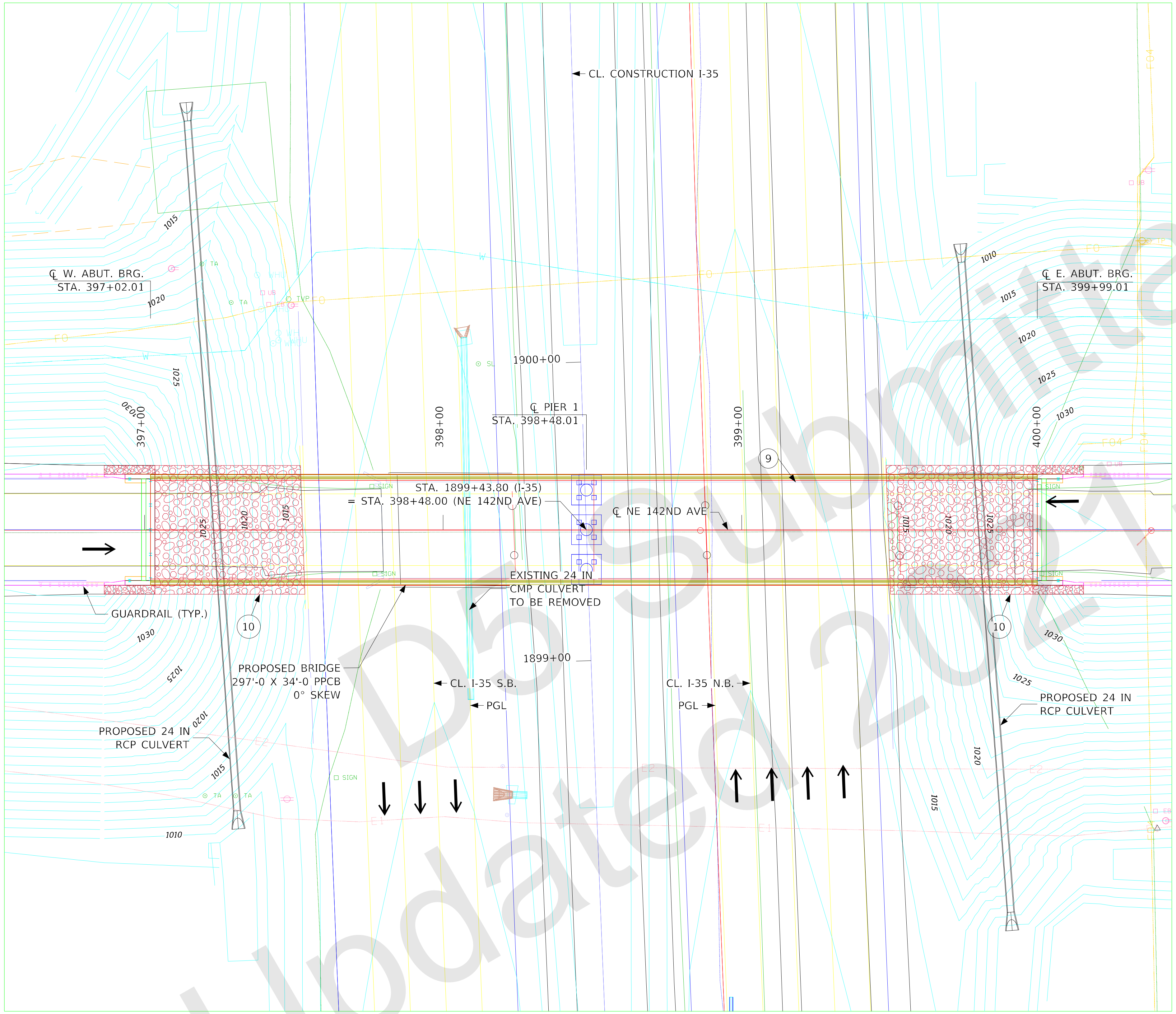
146'-0 AND 151'-0 SPANS BTE BEAMS

SITUATION PLAN

STA. 398+50.51 MAY 2021

POLK COUNTY

DESIGN SHEET NO. 1 OF 2 FILE NO. 32044 DESIGN NO. 323



SITE PLAN

9 EXISTING 215'-5 X 28' PPCB BRIDGE
DESIGN 1362
FHWA NO. 041870
MAINT. NO. 7798.7O035
TO BE REMOVED

10 MACADAM STONE
SLOPE PROTECTION

DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN

N

0 ENGLISH 40
SCALE IN FEET

PRELIMINARY
DESIGN FOR 0° SKEW

297'-0 X 34'-0 PRETENSIONED
PRESTRESSED CONC. BEAM BRIDGE

146'-0 AND 151'-0 SPANS — BTE BEAMS

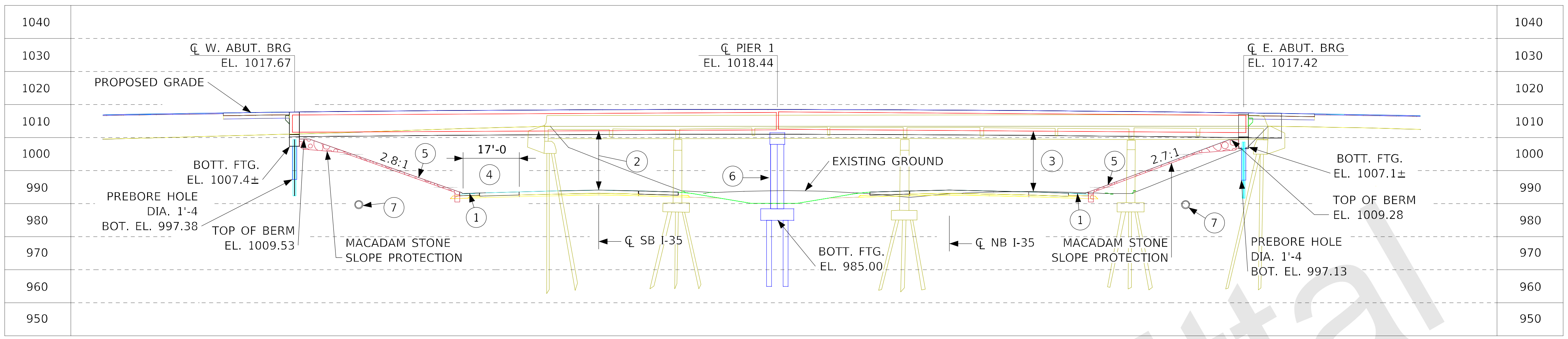
SITUATION PLAN - SITE

STA. 398+50.51 — MAY 2021

POLK COUNTY

DESIGN SHEET NO. 2 OF 2 — FILE NO. 32044 — DESIGN NO. 323

CONTROL POINT FENO 7: N 7582894.8, E 18538491; SET FENO MONUMENT 0.4' BELOW GROUND SURFACE ON NE 158TH AVE; 0.28 MILES EAST OF NE 22ND ST\NE 158TH AVE INTERSECTION; 9' SOUTH OF EDGE OF ROAD; 65' NORTH OF TOP OF INLET DRIVE PIPE, 51' W/NW OF POWER POLE, EL. 996.169



1. EW-203 GRADING
2. MIN. VERT. CLEARANCE 17.68' PROPOSED CONDITION
3. MIN. VERT. CLEARANCE 17.81' EXISTING CONDITION
4. MEASURED FROM EDGE OF DRIVING LANE TO TOE OF BERM (TYP.)
5. GRADING SURFACE
6. FRAME PIER
7. PROPOSED 24 IN RCP CULVERT

NOTE: TOP OF BRIDGE DECK AT CENTERLINE ROADWAY IS 0.03' BELOW PROFILE GRADE TO ACCOUNT FOR DECK CROSS SLOPE AND PARABOLIC CROWN

LONGITUDINAL SECTION ALONG ℄ ROADWAY

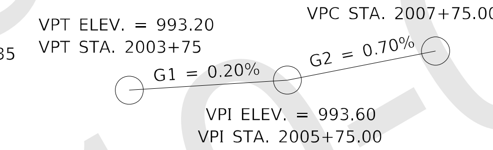
8. ROADWAY SKEW 1° 46' 22.63". ROADWAY SKEW ANGLE IS MEASURED FROM LINE NORMAL TO ℄ NE 158TH AVE TO ℄ CONSTRUCTION OF I-35
9. EXISTING 215'-5 X 24' PPCB BRIDGE DESIGN 1462 FHWA NO. 041890 MAINT. NO. 7700.8O035 TO BE REMOVED
10. MACADAM STONE SLOPE PROTECTION

GENERAL NOTES
THIS DESIGN IS FOR THE REPLACEMENT OF THE EXISTING 215'-5 X 24' PPCB BRIDGE, DESIGN NO. 1462, FHWA NO. 041890, MAINT. NO. 7700.8O035

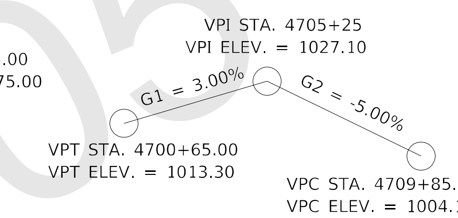
DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN

LOCATION

NE 158TH AVE. OVER I-35
T 81N, R 23W
SECTIONS 6 AND 7
ELKHART TOWNSHIP
POLK COUNTY
MAINT. NO. 7700.8O035
FHWA NO. 041891
LATITUDE 41.849654°
LONGITUDE -93.571222°



PROPOSED PROFILE GRADE I-35



PROPOSED PROFILE GRADE NE 158TH AVE

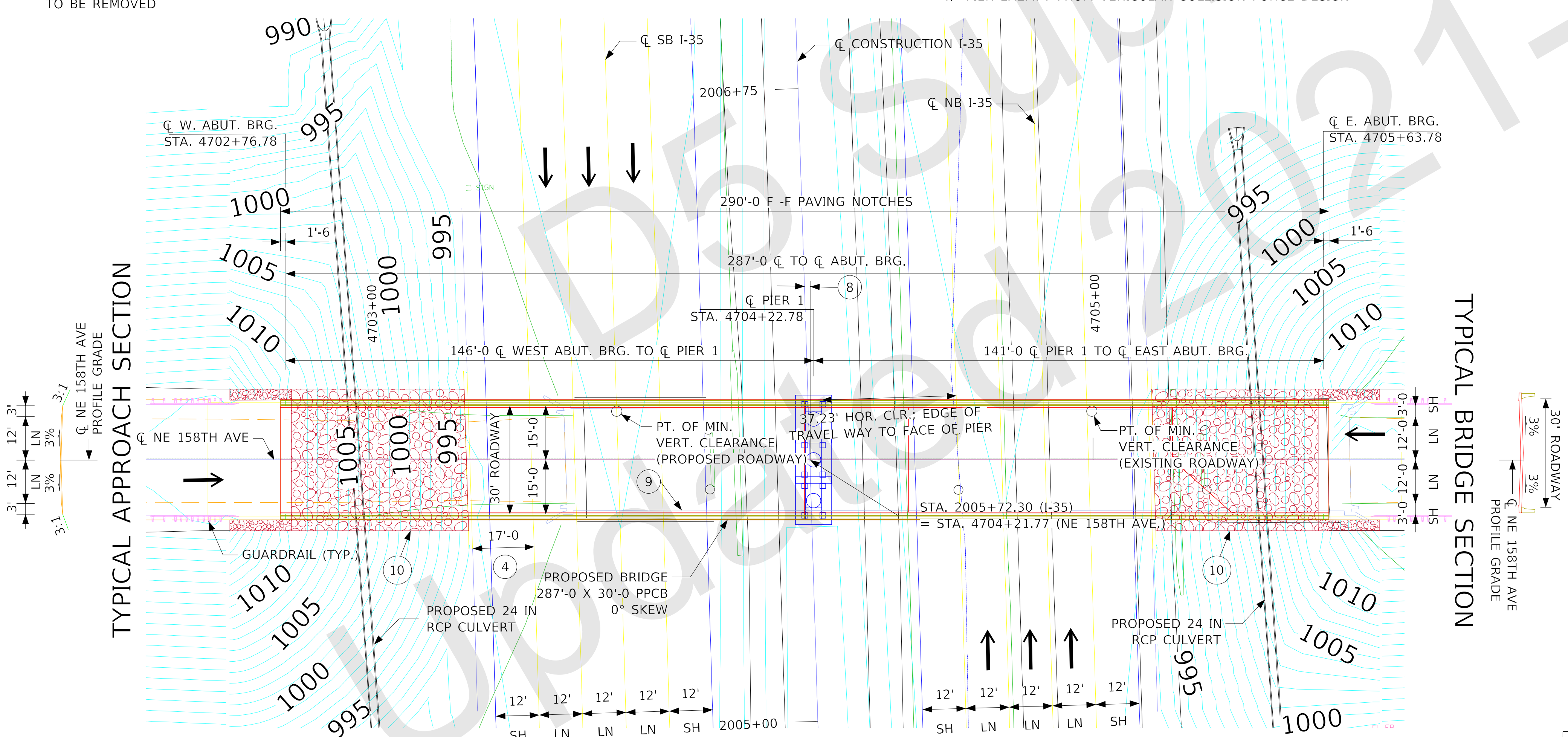
MIN. VERT. CLEARANCE

EXISTING CONDITION

OVERHEAD STATION = 4704+99.75, 15.00' LT
OVERHEAD ELEVATION = 1017.67
DEPTH OF SUPERSTRUCTURE = 6.13'
I-35 STATION = 2005+18.54, 78.38' RT
I-35 ELEVATION = 993.74
MIN. VERT. CLEARANCE = 17.81'

PROPOSED CONDITION

OVERHEAD STATION = 4703+68.30, 15.00' LT
OVERHEAD ELEVATION = 1017.95
DEPTH OF SUPERSTRUCTURE = 6.13'
I-35 STATION = 2005+87.47, 53.07' LT
I-35 ELEVATION = 994.14
MIN. VERT. CLEARANCE = 17.68'



SITUATION PLAN

TRAFFIC ESTIMATE

NE 158TH AVE

2016 AADT	90	V.P.D.
2045 AADT	90	V.P.D.
202_ DHV		V.P.H.
TRUCKS		%
TOTAL DESIGN ESALs		

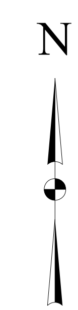
TRAFFIC ESTIMATE

INTERSTATE 35

2016 AADT	45,000	V.P.D.
2045 AADT	103,000	V.P.D.
202_ DHV		V.P.H.
TRUCKS	20	%
TOTAL DESIGN ESALs		

UTILITIES LEGEND

FO4 - FIBER OPTIC - IOWA COMMUNICATIONS NETWORK
SAN - SANITARY SEWER - CITY OF ANKENY



PRELIMINARY
DESIGN FOR 0° SKEW

287'-0 X 30'-0 PRETENSIONED PRESTRESSED CONC. BEAM BRIDGE

141'-0 AND 146'-0 SPANS | BTE BEAMS

SITUATION PLAN

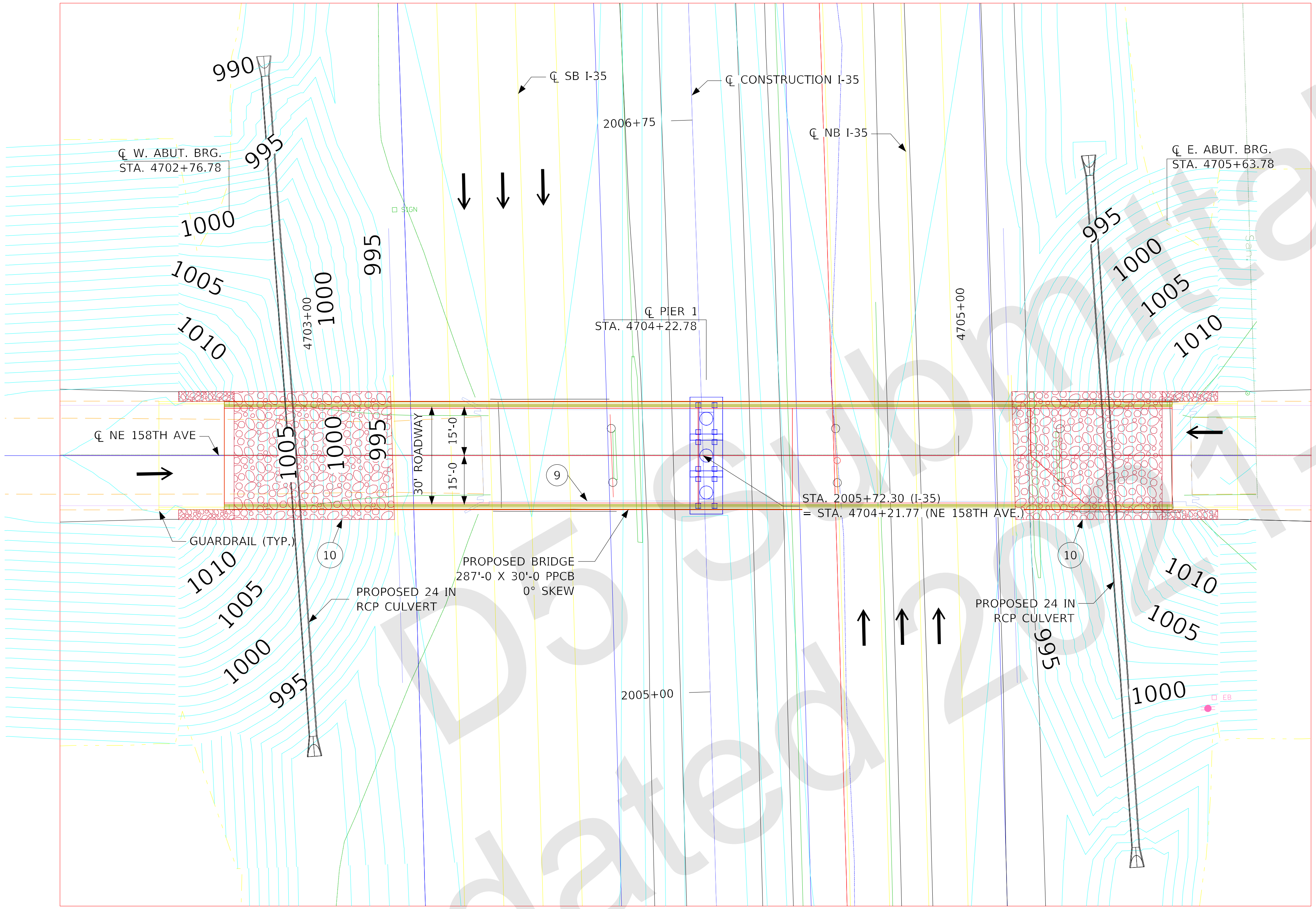
STA. 4704+20.28 | APRIL 2021

POLK COUNTY

DESIGN SHEET NO. 1 OF 2 | FILE NO. 32044 | DESIGN NO. 724

FILE NO.	ENGLISH	DESIGN TEAM	POLK COUNTY	PROJECT NUMBER IM-035-4(305)101--13-77	SHEET NUMBER V.3	REVISED

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

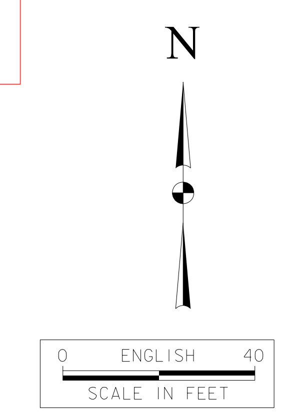


SITE PLAN

9 EXISTING 215'-5 X 24' PPCB BRIDGE
DESIGN 1462
FHWA NO. 041890
MAINT. NO. 7700.8O035
TO BE REMOVED

10 MACADAM STONE
SLOPE PROTECTION

DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN



PRELIMINARY
DESIGN FOR 0° SKEW

287'-0 X 30'-0 PRETENSIONED PRESTRESSED CONC. BEAM BRIDGE

141'-0 AND 146'-0 SPANS | BTE BEAMS

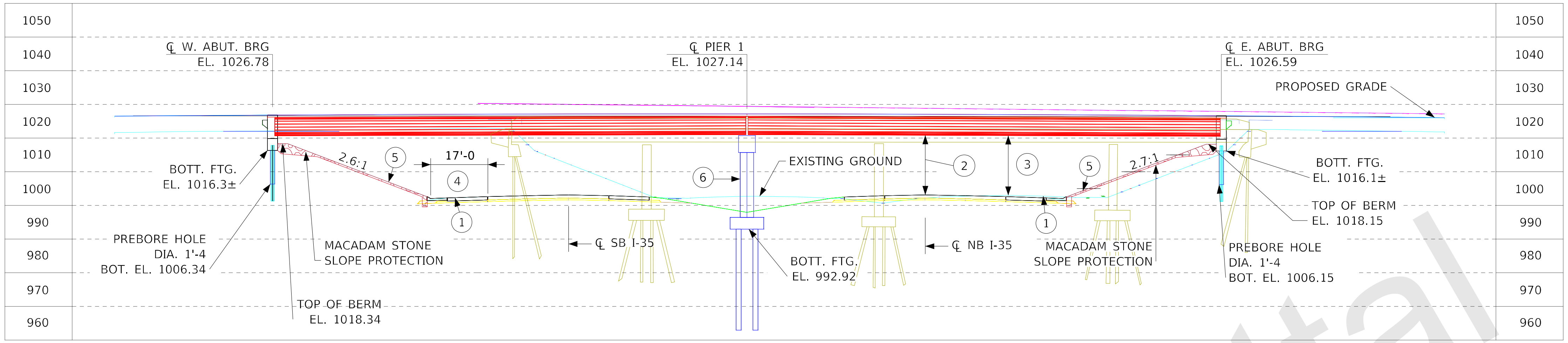
SITUATION PLAN - SITE

STA. 4704+20.28 | APRIL 2021

POLK COUNTY

DESIGN SHEET NO. 2 OF 2 | FILE NO. 32044 | DESIGN NO. 724

CONTROL POINT 85005: N 7593082.4, E 18540141; FOUND FENO MONUMENT WITH BRASS CAP IN THE HWY 210 ON RAMP FROM I-35 NORTH; 36.2' SW OF STOP SIGN; 106.1' SE OF LIGHT POLE ON THE NORTH SIDE OF HWY 210; 196.6' EAST OF I-35 NORTH SIGN, EL. 1005.369



NOTE: TOP OF BRIDGE DECK AT CENTERLINE ROADWAY IS 0.03' BELOW PROFILE GRADE TO ACCOUNT FOR DECK CROSS SLOPE AND PARABOLIC CROWN

LONGITUDINAL SECTION ALONG ℄ ROADWAY

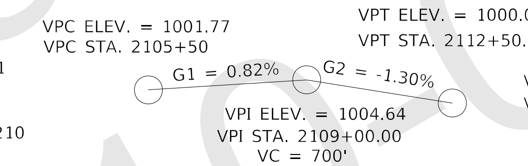
1. EW-204 GRADING
2. MIN. VERT. CLEARANCE 17.25' PROPOSED CONDITION
3. MIN. VERT. CLEARANCE 17.28' EXISTING CONDITION
4. MEASURED FROM EDGE OF DRIVING LANE TO TOE OF BERM (TYP.)
5. GRADING SURFACE
6. FRAME PIER
8. ROADWAY SKEW 0° 31' 38.61". ROADWAY SKEW ANGLE IS MEASURED FROM LINE NORMAL TO ℄ IA 210 TO ℄ CONSTRUCTION OF I-35
9. EXISTING 215'-5 X 32' PPCB BRIDGE DESIGN NO. 462 AND 817 FHWA NO. 049010 MAINT. NO. 8520.1S210 TO BE REMOVED
10. MACADAM STONE SLOPE PROTECTION

GENERAL NOTES
1. THIS DESIGN IS FOR THE REPLACEMENT OF THE EXISTING 215'-5 X 32' PPCB BRIDGE, DESIGN NO. 462 AND 817, FHWA NO. 049010, MAINT. NO. 8520.1S210.

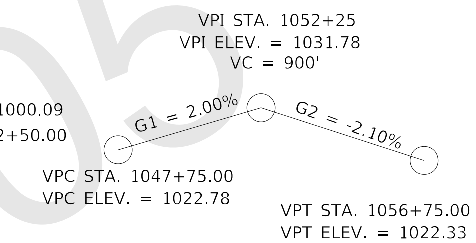
DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN

LOCATION

IA 210 OVER I-35
T 82N, R 23W
SECTIONS 30 AND 31
UNION TOWNSHIP
STORY COUNTY
MAINT. NO. 8520.1S210
FHWA NO. 049011
LATITUDE 41.877796°
LONGITUDE -93.571335°



PROPOSED PROFILE GRADE I-35



PROPOSED PROFILE GRADE IA 210

MIN. VERT. CLEARANCE

EXISTING CONDITION

OVERHEAD STATION = 1053+06.45, 28.27' LT
OVERHEAD ELEVATION = 1026.38
DEPTH OF SUPERSTRUCTURE = 6.13'
I-35 STATION = 2108+57.10, 77.51' RT
I-35 ELEVATION = 1002.98
MIN. VERT. CLEARANCE = 17.28'

PROPOSED CONDITION

OVERHEAD STATION = 1052+81.89, 28.15' LT
OVERHEAD ELEVATION = 1026.47
DEPTH OF SUPERSTRUCTURE = 6.13'
I-35 STATION = 2108+56.89, 53.12' RT
I-35 ELEVATION = 1003.09
MIN. VERT. CLEARANCE = 17.25'

TRAFFIC ESTIMATE

IA 210

2016 AADT	5,600	V.P.D.
2045 AADT	14,728	V.P.D.
202_ DHV		V.P.H.
TRUCKS	8	%
TOTAL DESIGN ESALs		

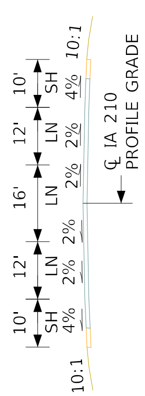
TRAFFIC ESTIMATE

INTERSTATE 35

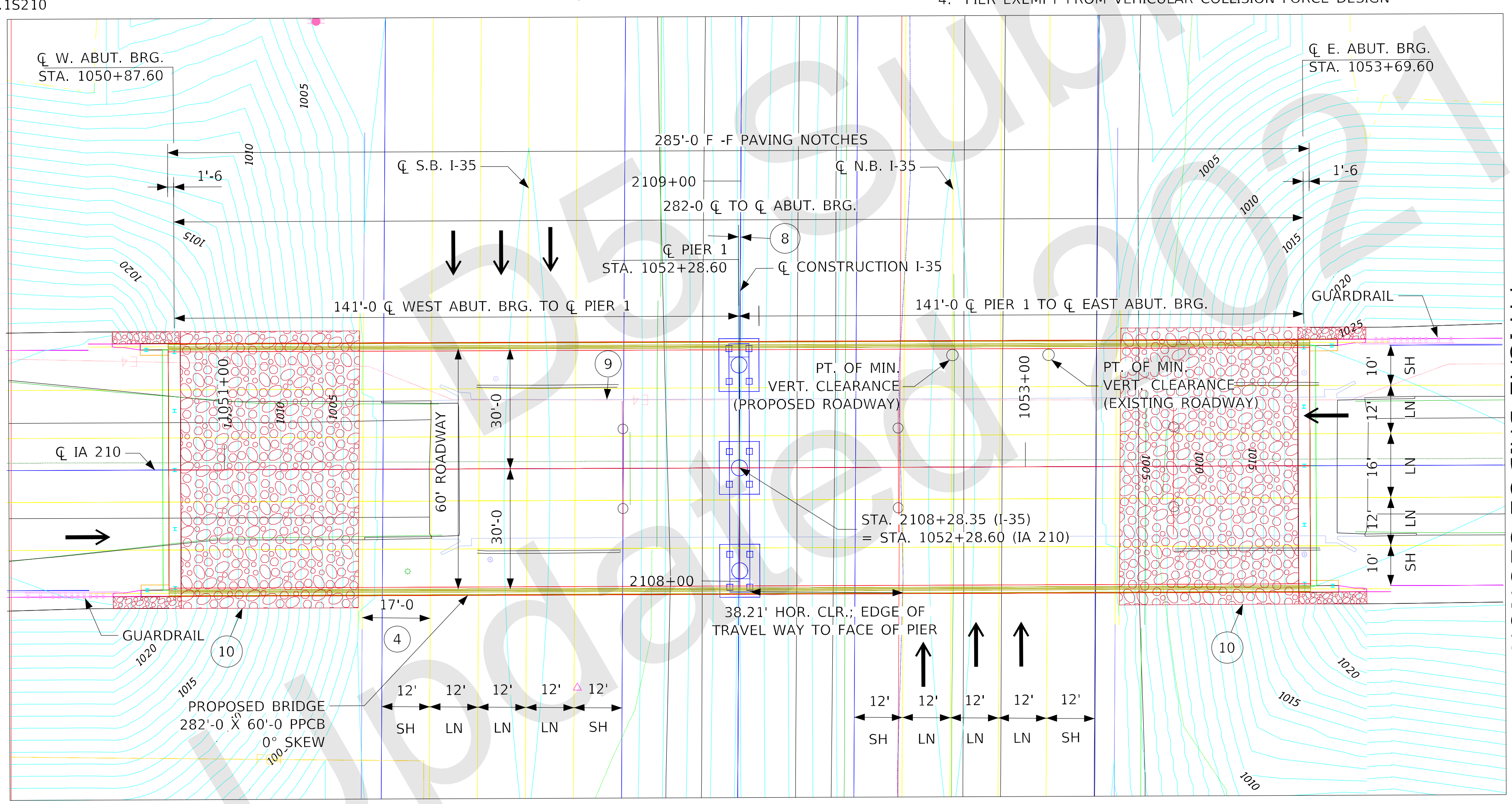
2016 AADT	45,000	V.P.D.
2045 AADT	103,000	V.P.D.
202_ DHV		V.P.H.
TRUCKS	20	%
TOTAL DESIGN ESALs		

UTILITIES LEGEND

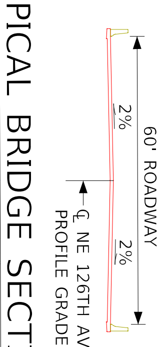
E4 - ELECTRIC - IOWA DOT
FO4 - FIBER OPTIC - IOWA COMMUNICATIONS NETWORK



TYPICAL APPROACH SECTION



SITUATION PLAN



TYPICAL BRIDGE SECTION

N

0 ENGLISH 40
SCALE IN FEET

PRELIMINARY
DESIGN FOR 0° SKEW

282'-0 X 60'-0 PRETENSIONED PRESTRESSED CONC. BEAM BRIDGE

141'-0 SPANS | BTE BEAMS

SITUATION PLAN

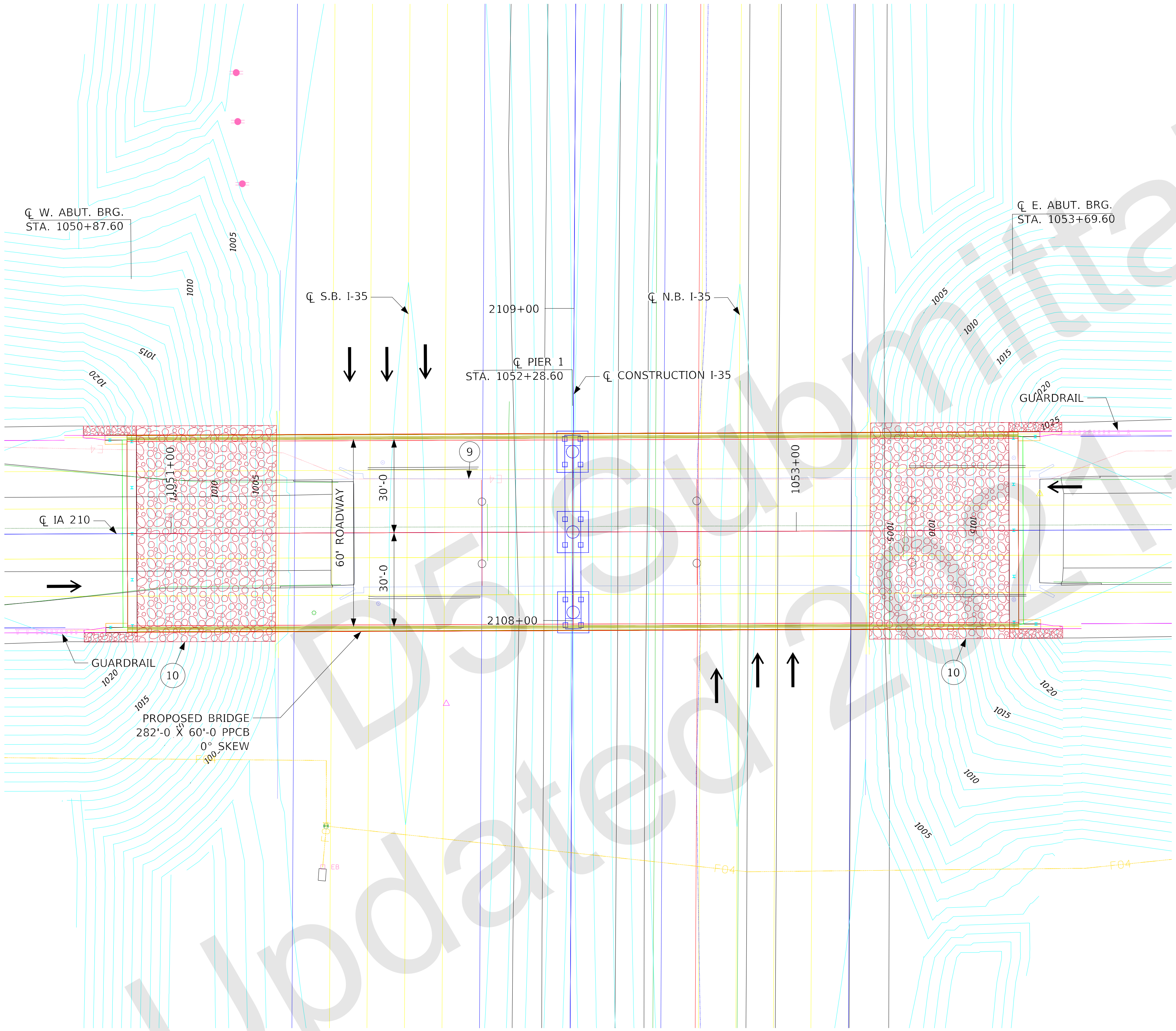
STA. 1052+28.60 | MAY 2021

STORY COUNTY

DESIGN SHEET NO. 1 OF 2 | FILE NO. 32044 | DESIGN NO. 223

FILE NO.	ENGLISH	DESIGN TEAM	STORY COUNTY	PROJECT NUMBER IM-035-4(284)103--13-85	SHEET NUMBER V.4	REVISED

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC



SITE PLAN

9 EXISTING 215'-5 X 32' PPCB BRIDGE
DESIGN NO. 462 AND 817
FHWA NO. 049010
MAINT. NO. 8520.1S210
TO BE REMOVED

10 MACADAM STONE
SLOPE PROTECTION

DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN

N

0 ENGLISH 40
SCALE IN FEET

PRELIMINARY
DESIGN FOR 0° SKEW

282'-0 X 60'-0 PRETENSIONED PRESTRESSED CONC. BEAM BRIDGE

141'-0 SPANS BTE BEAMS

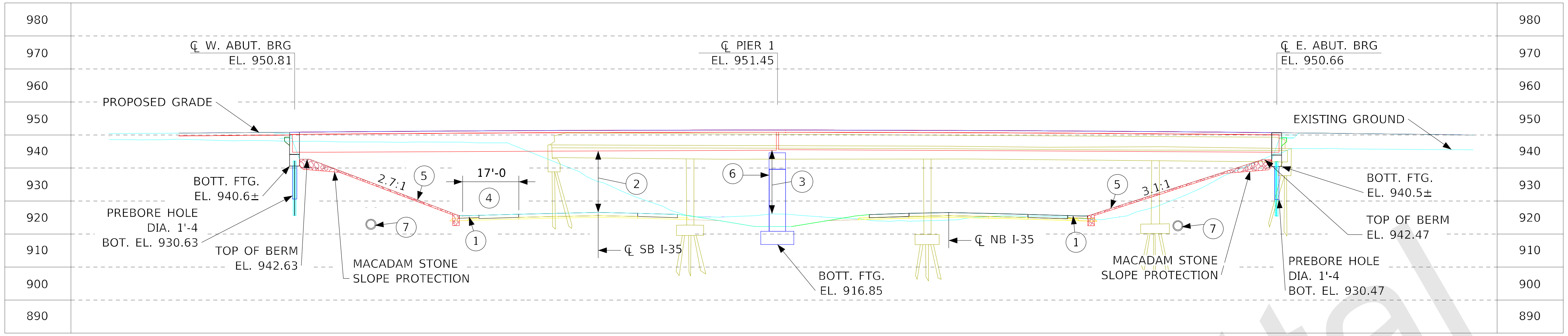
SITUATION PLAN - SITE

STA. 1052+28.60 MAY 2021

STORY COUNTY

DESIGN SHEET NO. 2 OF 2 FILE NO. 32044 DESIGN NO. 223

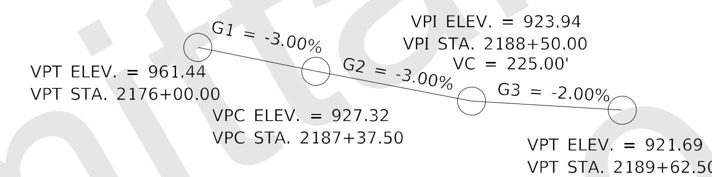
CONTROL POINT FENO 9: N 7601127.1, E 18538990; SET FENO MONUMENT 0.4' BELOW GROUND SURFACE ON NE 315TH ST; 0.39 MILES EAST OF 560TH AVE\NE 315TH ST INTERSECTION; 80' SE OF PP TO NORTH; 37' NE OF CUT X IN CONCRETE EDGE, 23' N OF CONCRETE EDGE WBL. 28' NW OF CUT X IN CONC EDGE, EL. 951.433



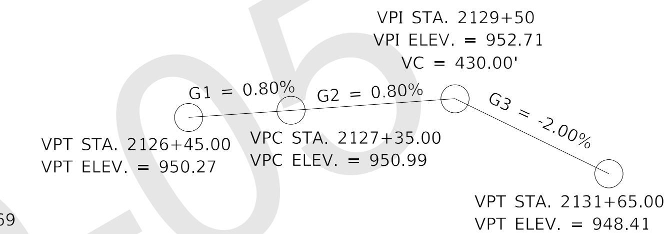
1. EW-203 GRADING
2. MIN. VERT. CLEARANCE 18.00' PROPOSED CONDITION
3. MIN. VERT. CLEARANCE 17.37' EXISTING CONDITION
4. MEASURED FROM EDGE OF DRIVING LANE TO TOE OF BERM (TYP.)
5. GRADING SURFACE
6. FRAME PIER
7. PROPOSED 30 IN RCP CULVERT

NOTE: TOP OF BRIDGE DECK AT CENTERLINE ROADWAY IS 0.03' BELOW PROFILE GRADE TO ACCOUNT FOR DECK CROSS SLOPE AND PARABOLIC CROWN

LONGITUDINAL SECTION ALONG ℄ ROADWAY



PROPOSED PROFILE GRADE I-35

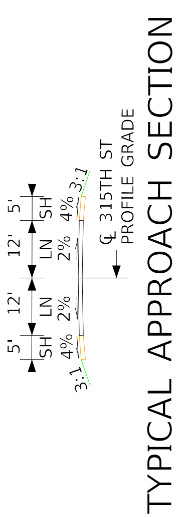


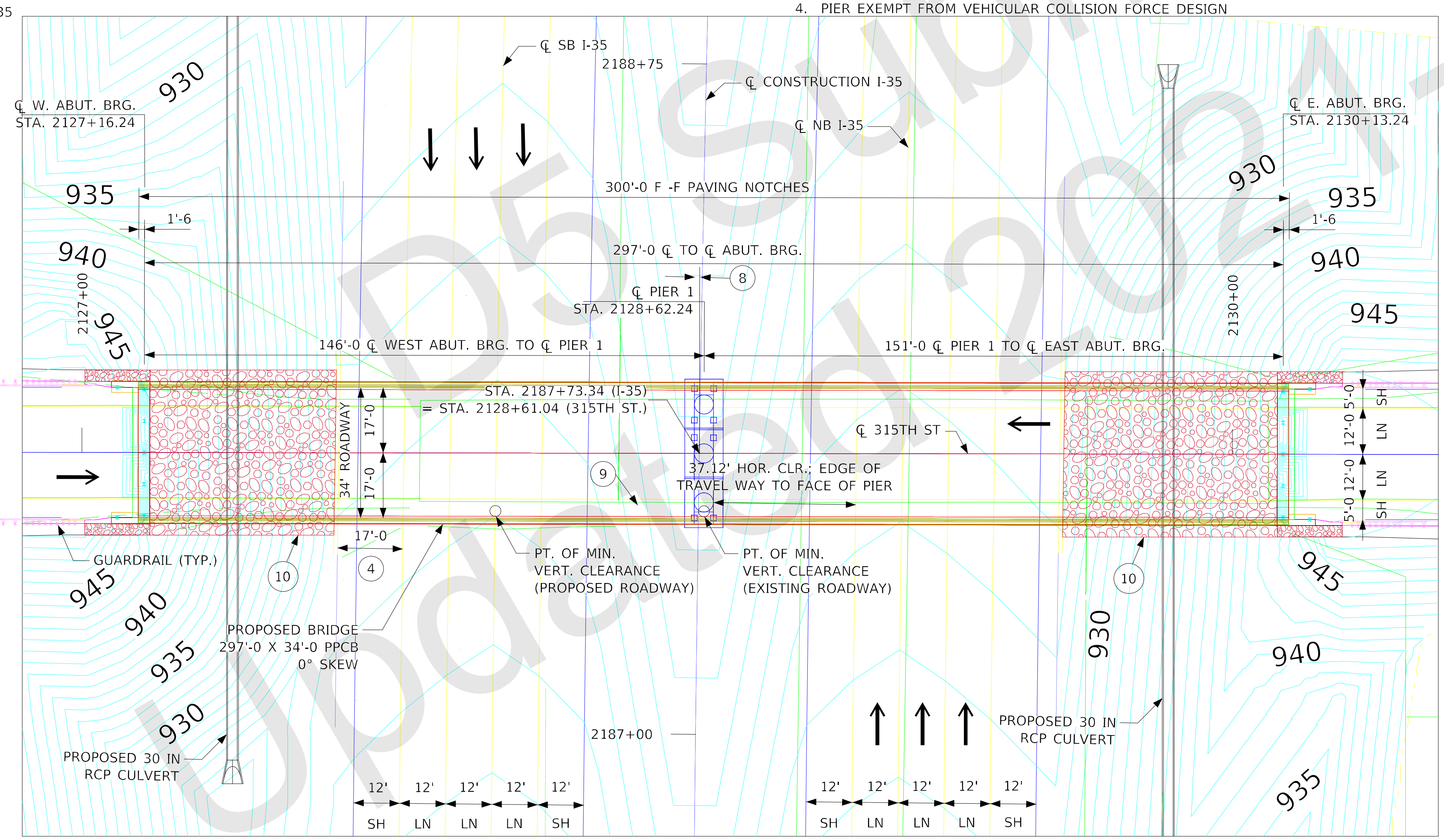
PROPOSED PROFILE GRADE 315TH ST

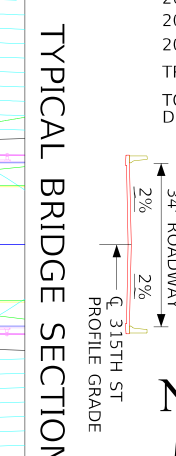
8. ROADWAY SKEW 0° 48' 0.56". ROADWAY SKEW ANGLE IS MEASURED FROM LINE NORMAL TO ℄ 315TH ST TO ℄ CONSTRUCTION OF I-35
9. EXISTING 219'-7 X 28' PPCB BRIDGE DESIGN 862 FHWA NO. 049140 MAINT. NO. 8504.2O035 TO BE REMOVED
10. MACADAM STONE SLOPE PROTECTION

GENERAL NOTES
THIS DESIGN IS FOR THE REPLACEMENT OF THE EXISTING 219'-7 X 28' PPCB BRIDGE, DESIGN NO. 862, FHWA NO. 049140, MAINT. NO. 8504.2O035

DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN







SITUATION PLAN

MIN. VERT. CLEARANCE

EXISTING CONDITION	PROPOSED CONDITION
OVERHEAD STATION = 2128+62.57, 15.00' RT	OVERHEAD STATION = 2128+07.82, 15.00' RT
OVERHEAD ELEVATION = 950.21	OVERHEAD ELEVATION = 951.10
DEPTH OF SUPERSTRUCTURE = 6.13'	DEPTH OF SUPERSTRUCTURE = 6.13'
I-35 STATION = 2187+58.05, 0.00' RT	I-35 STATION = 2187+57.64, 53.00' LT
I-35 ELEVATION = 926.71	I-35 ELEVATION = 926.97
MIN. VERT. CLEARANCE = 17.37'	MIN. VERT. CLEARANCE = 18.00'

TRAFFIC ESTIMATE

315TH ST

2016 AADT	1,200	V.P.D.
2045 AADT	1,200	V.P.D.
202_ DHV		V.P.H.
TRUCKS		%
TOTAL DESIGN ESALs		

TRAFFIC ESTIMATE

INTERSTATE 35

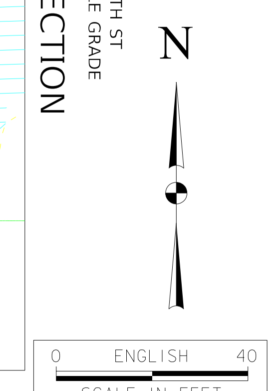
2016 AADT	32,000	V.P.D.
2045 AADT	70,500	V.P.D.
202_ DHV		V.P.H.
TRUCKS	22	%
TOTAL DESIGN ESALs		

UTILITIES LEGEND

NO KNOWN UTILITIES

LOCATION

315TH ST. OVER I-35
T 82N, R 23W
SECTION 19
UNION TOWNSHIP
STORY COUNTY
MAINT. NO. 8504.2O035
FHWA NO. 049141
LATITUDE 41.899599°
LONGITUDE -93.571222°



PRELIMINARY
DESIGN FOR 0° SKEW

297'-0 X 34'-0 PRETENSIONED PRESTRESSED CONC. BEAM BRIDGE

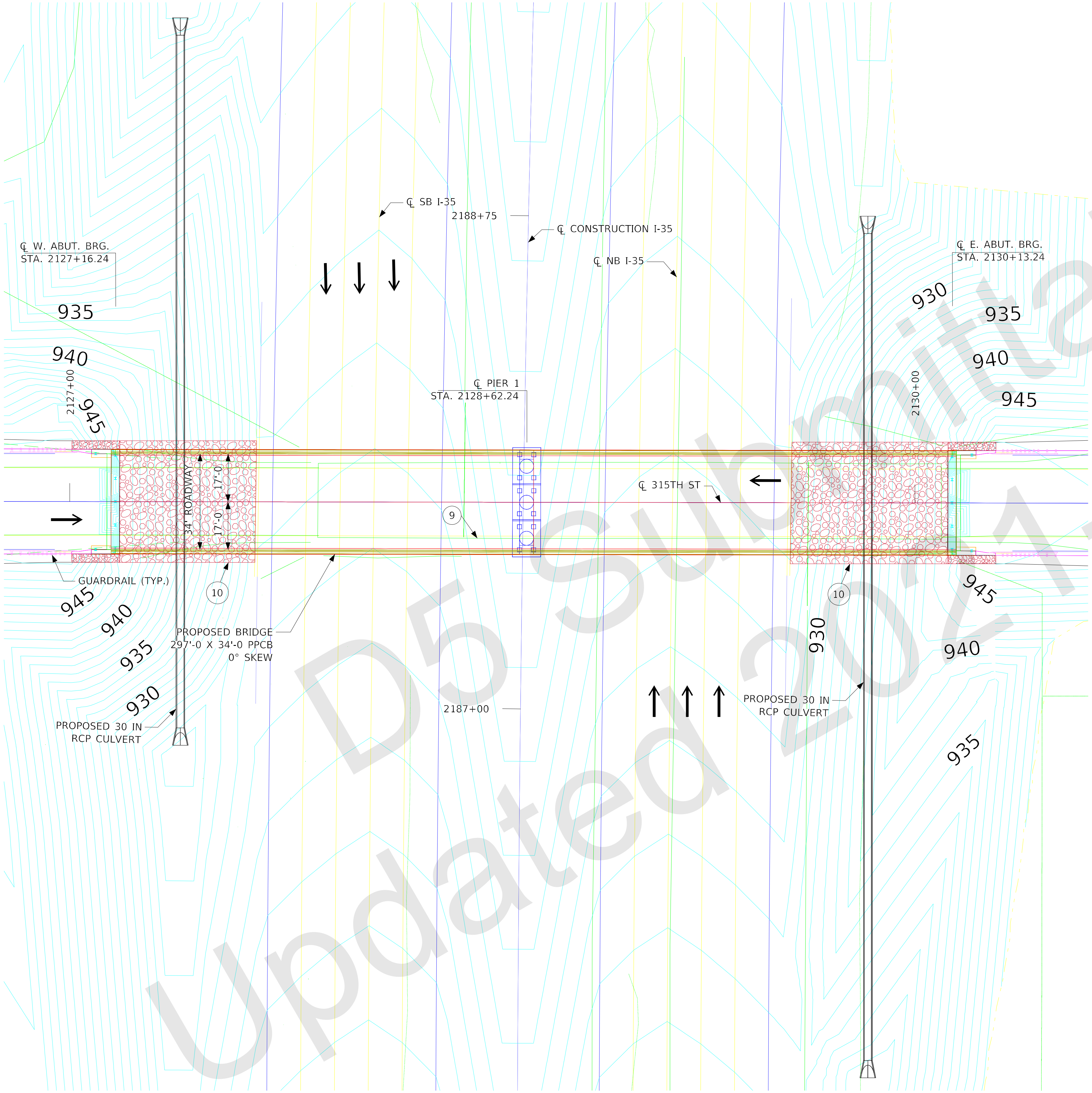
146'-0 AND 151'-0 SPANS | BTE BEAMS

SITUATION PLAN

STA. 2128+64.74 | APRIL 2021

POLK COUNTY

DESIGN SHEET NO. 1 OF 2 | FILE NO. 32044 | DESIGN NO. 323



SITE PLAN

9 EXISTING 219'-7 X 28' PPCB BRIDGE
DESIGN 862
FHWA NO. 049140
MAINT. NO. 8504.2O035
TO BE REMOVED

10 MACADAM STONE
SLOPE PROTECTION

DESIGN NOTES
1. TL-5 BRIDGE RAILING PROPOSED
2. FRAME TYPE PIER PROPOSED
3. BTE BEAMS PROPOSED
4. PIER EXEMPT FROM VEHICULAR COLLISION FORCE DESIGN

PRELIMINARY
DESIGN FOR 0° SKEW

297'-0 X 34'-0 PRETENSIONED
PRESTRESSED CONC. BEAM BRIDGE

146'-0 AND 151'-0 SPANS
BTE BEAMS

SITUATION PLAN - SITE

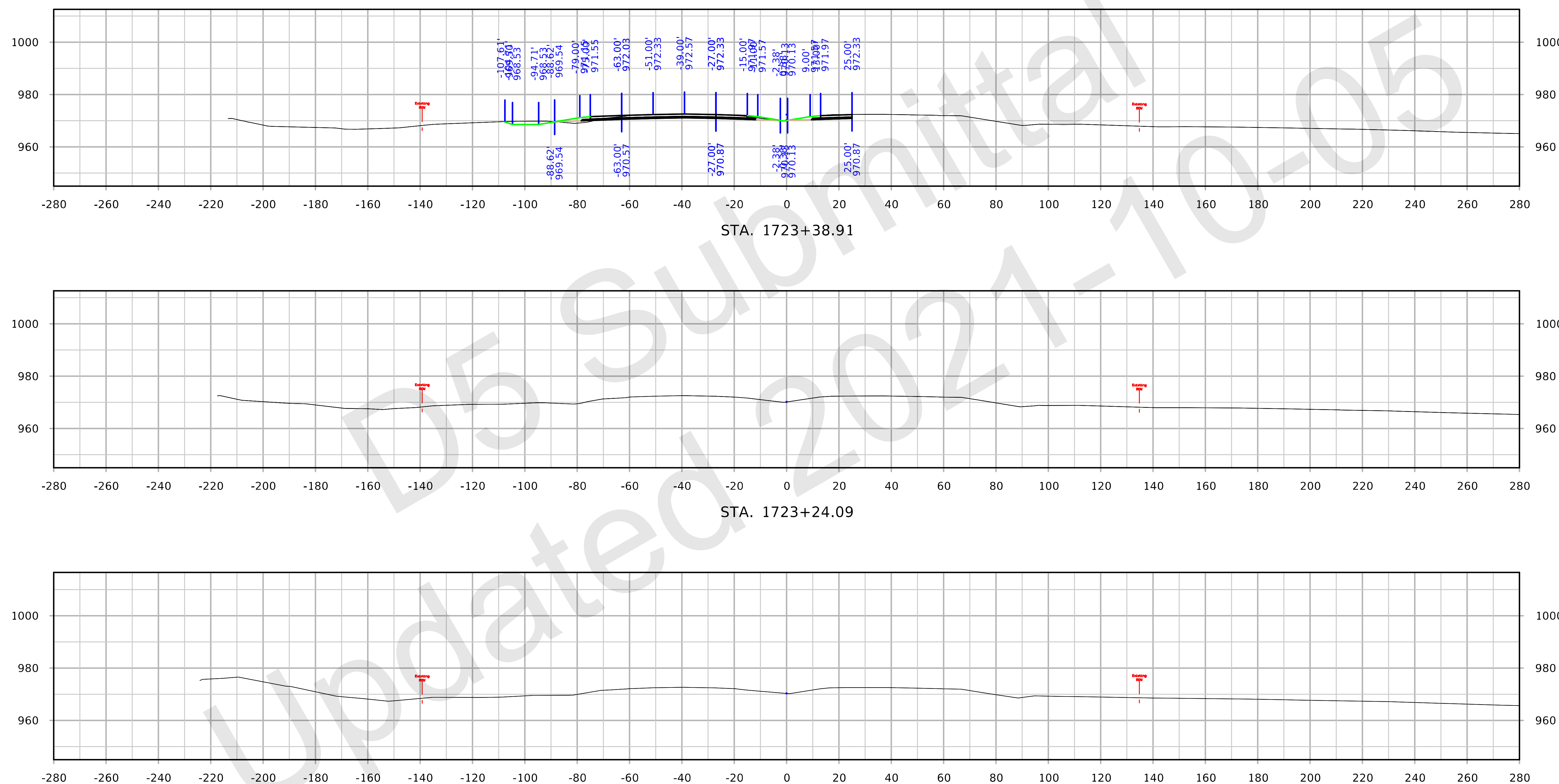
STA. 2128+64.74
APRIL 2021

POLK COUNTY

DESIGN SHEET NO. 2 OF 2 FILE NO. 32044 DESIGN NO. 323

FILE NO.	ENGLISH	DESIGN TEAM	STORY COUNTY	PROJECT NUMBER IM-035-4(269)104--13-85	SHEET NUMBER V.2	REVISED

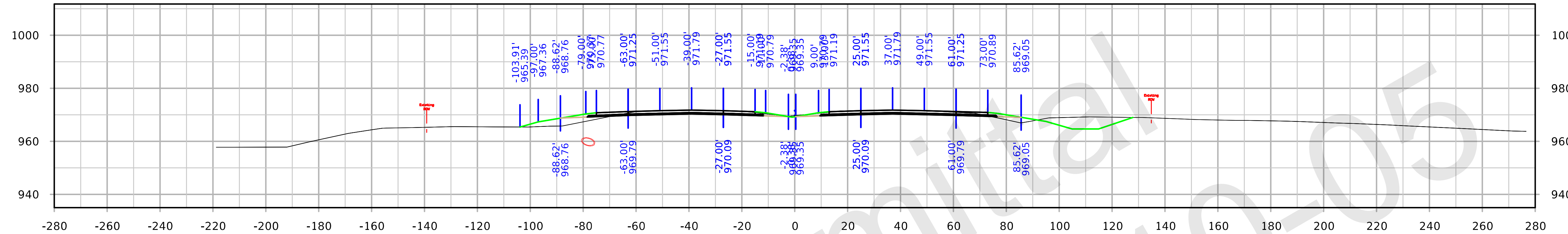
SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC



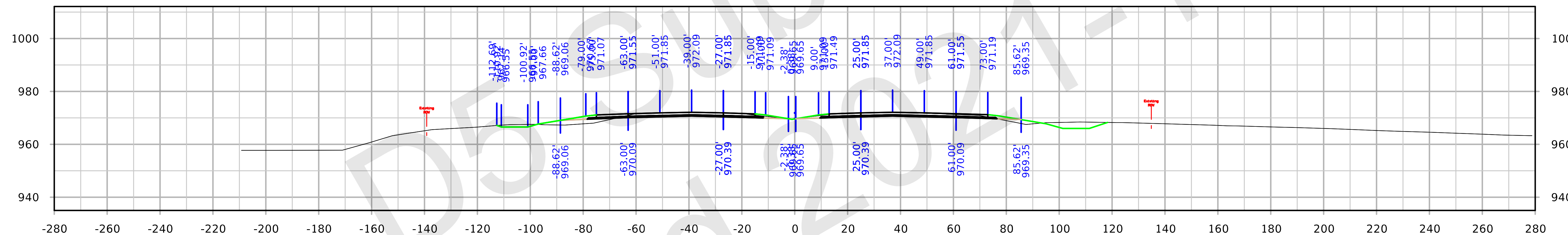
STA. 1723+38.91

STA. 1723+24.09

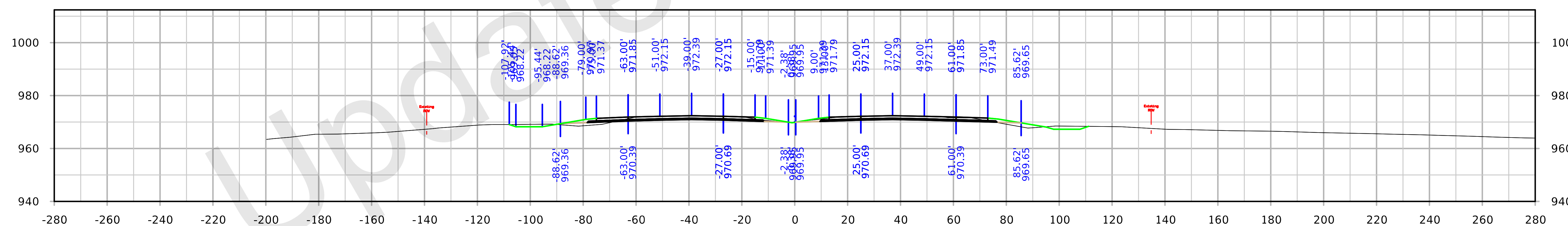
STA. 1723+00.00



STA. 1726+00.00



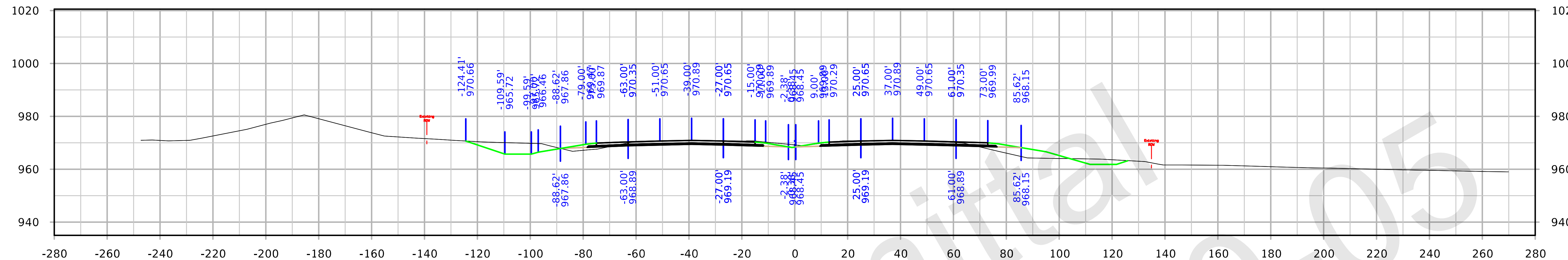
STA. 1725+00.00



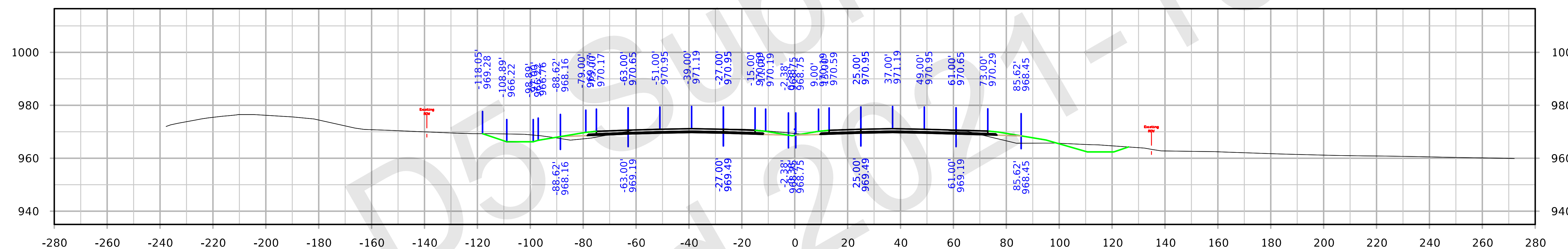
STA. 1724+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.2

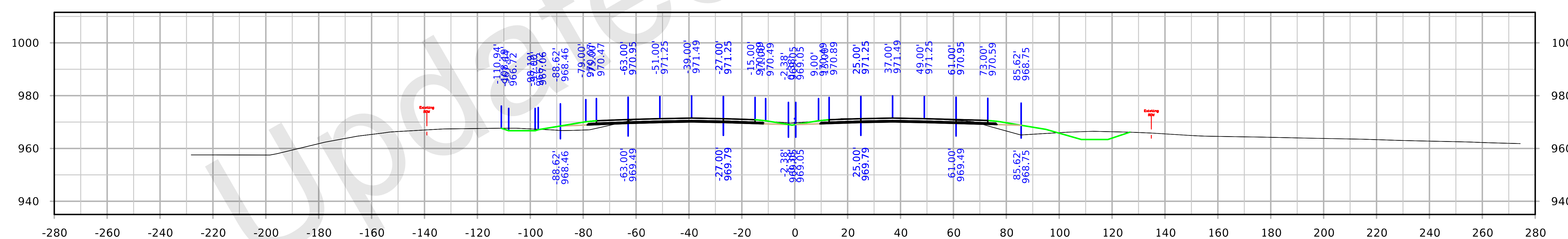
I-35



STA. 1729+00.00

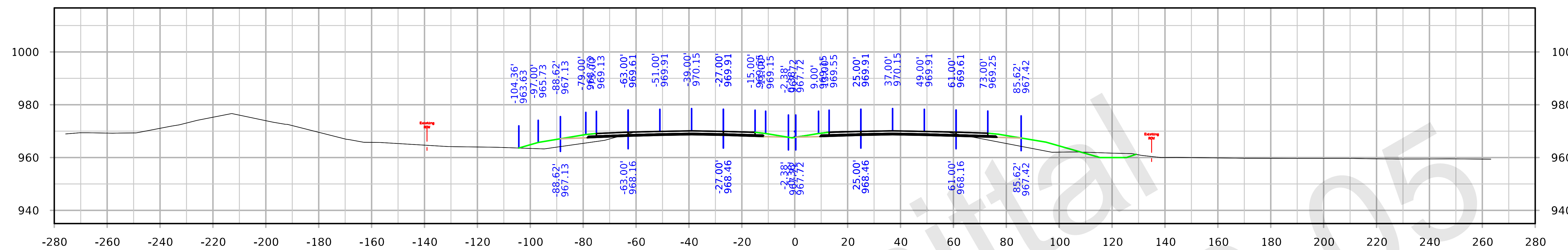


STA. 1728+00.00

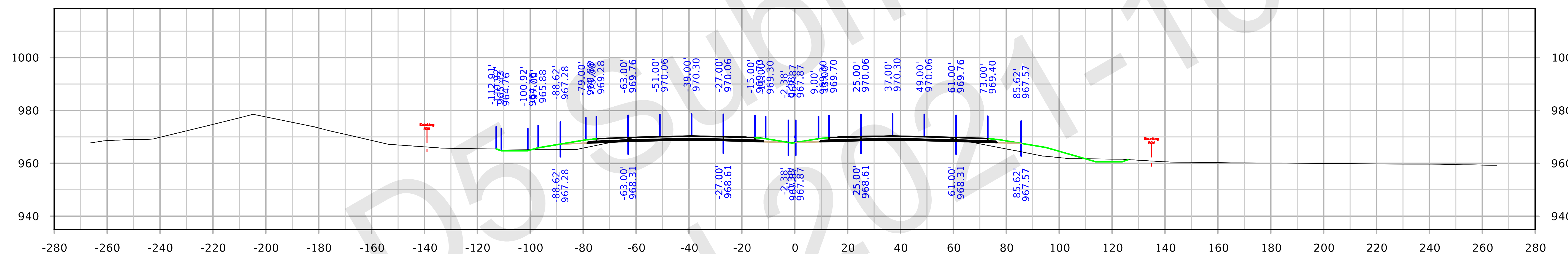


STA. 1727+00.00

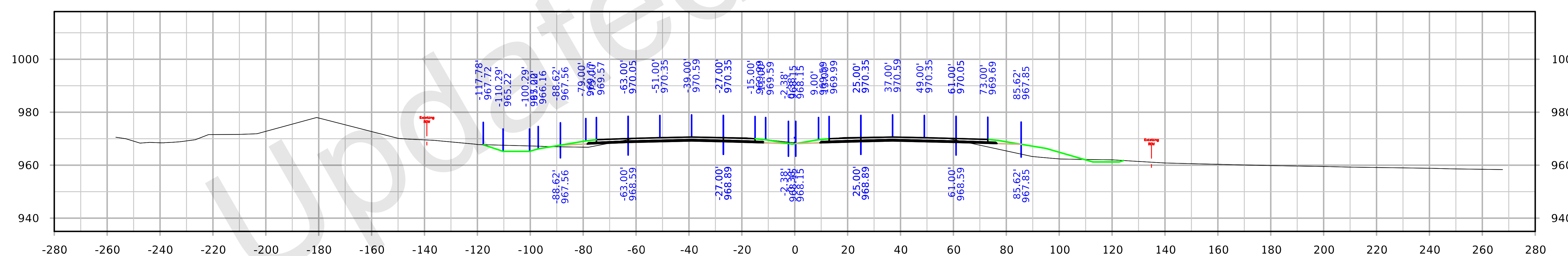
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.3



STA. 1732+00.00

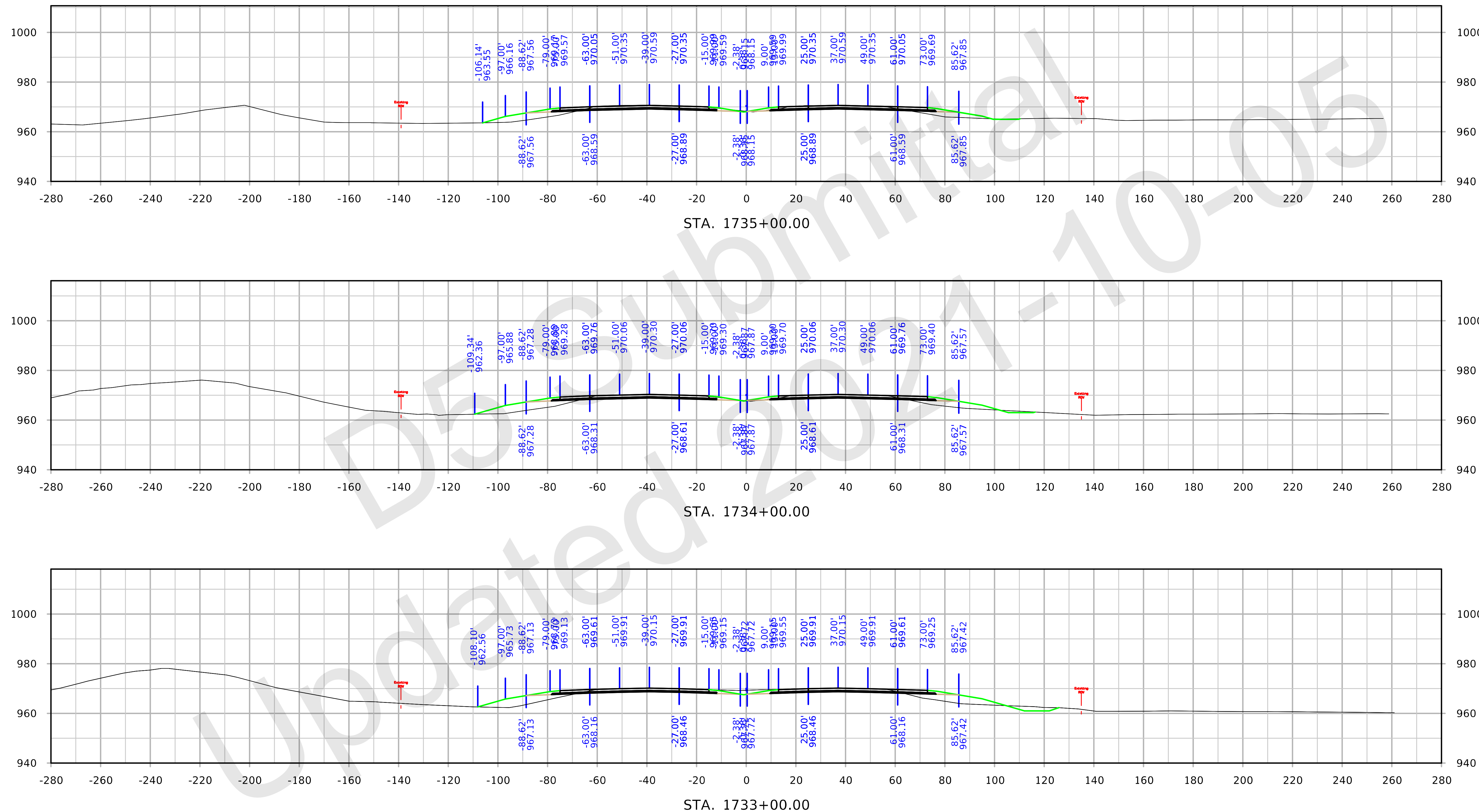


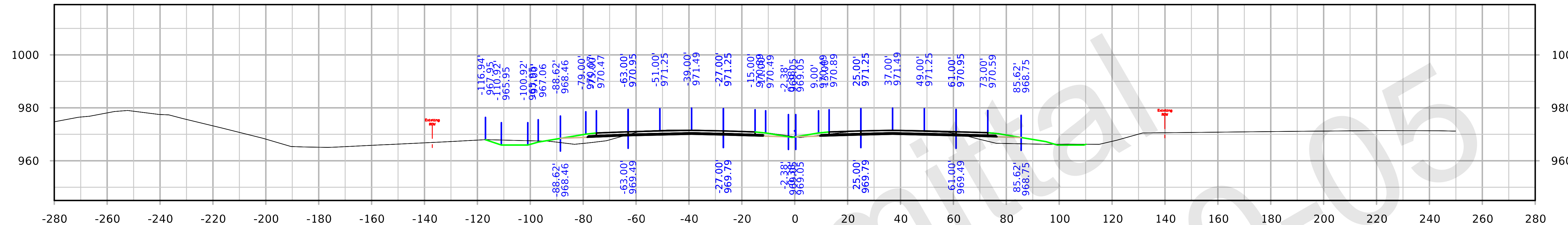
STA. 1731+00.00



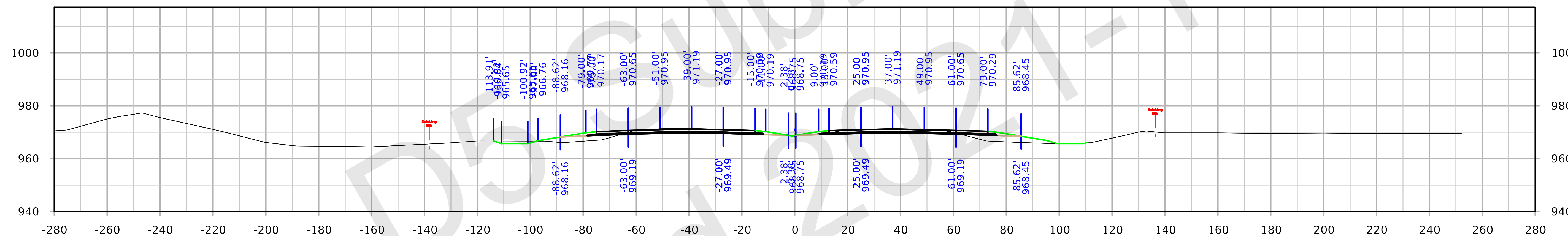
STA. 1730+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.4

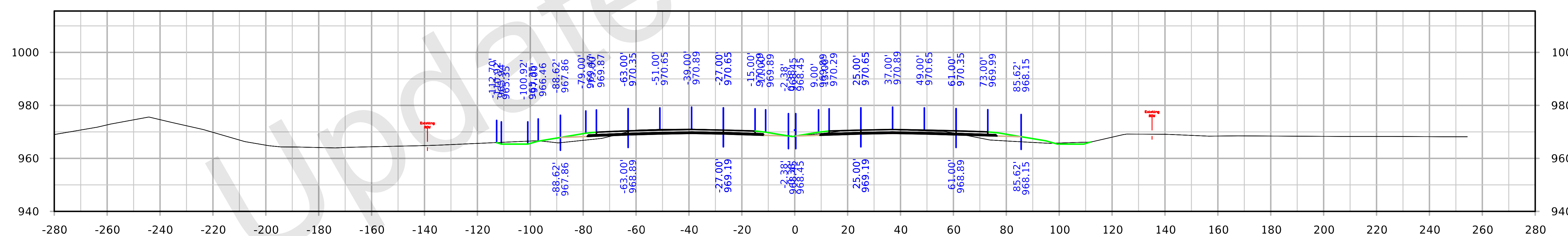

STA. 1735+00.00
STA. 1734+00.00
STA. 1733+00.00



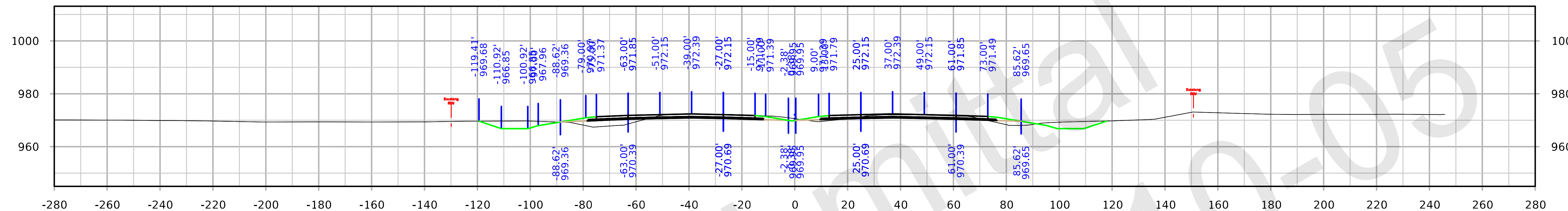
STA. 1738+00.00



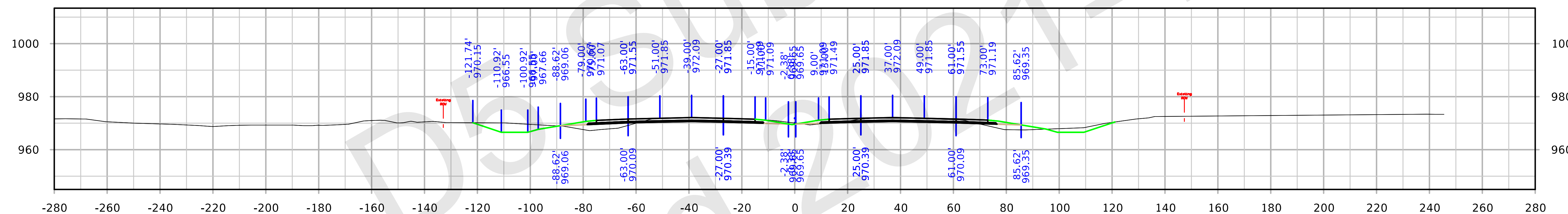
STA. 1737+00.00



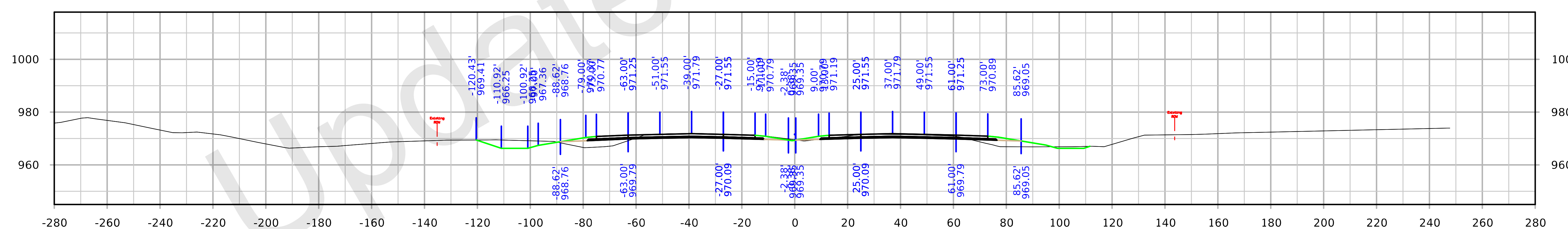
STA. 1736+00.00



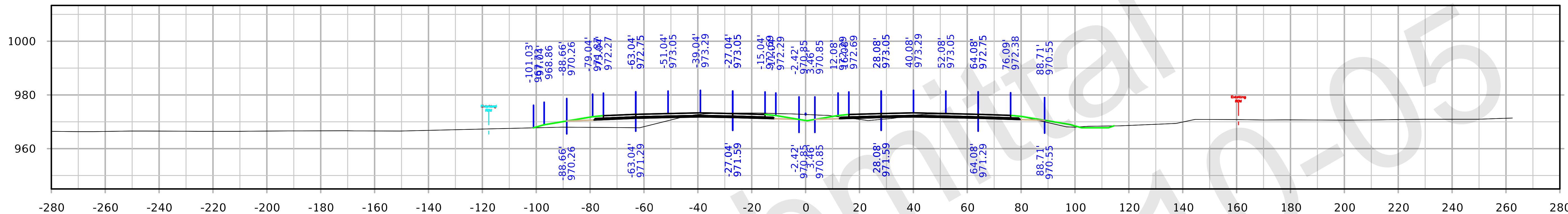
STA. 1741+00.00



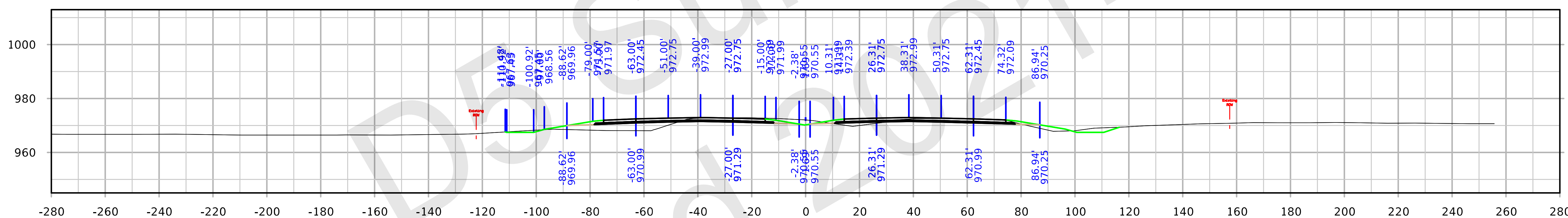
STA. 1740+00.00



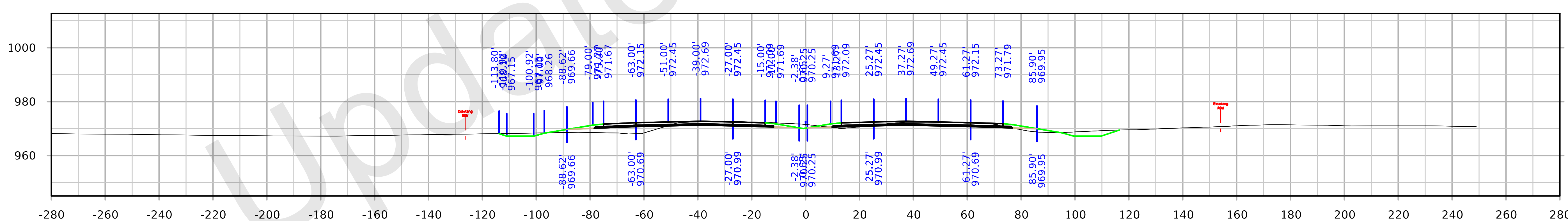
STA. 1739+00.00



STA. 1744+00.00

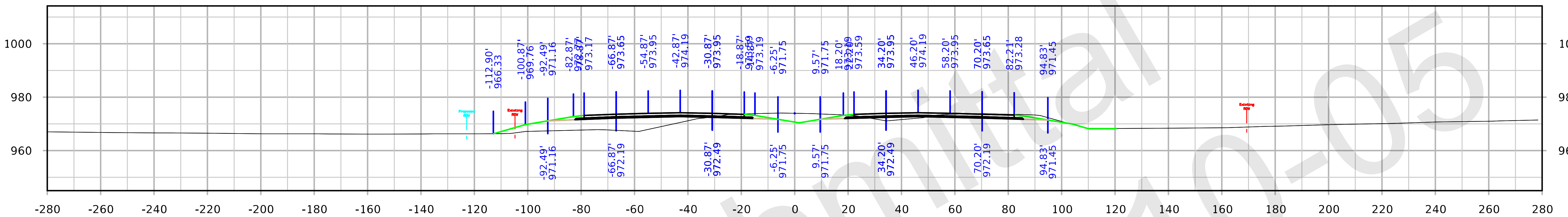


STA. 1743+00.00

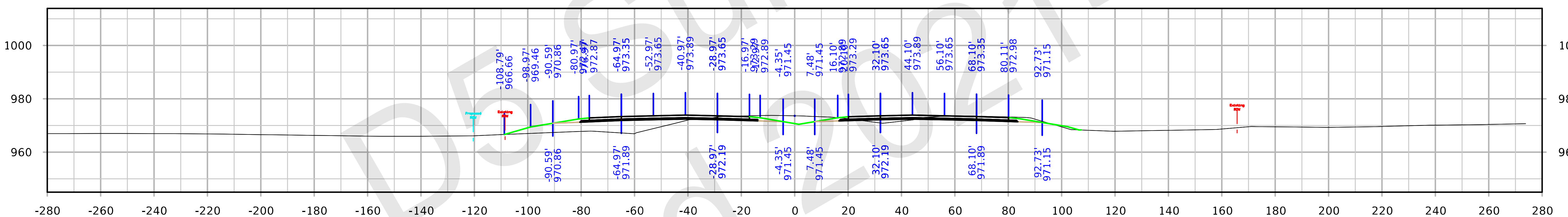


STA. 1742+00.00

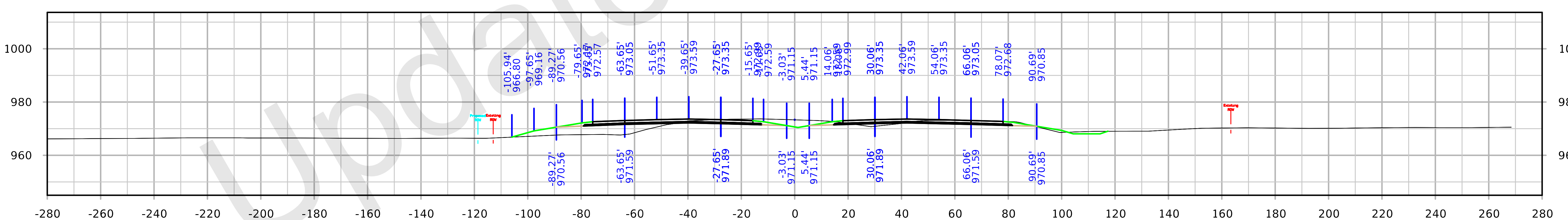
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.8



STA. 1747+00.00



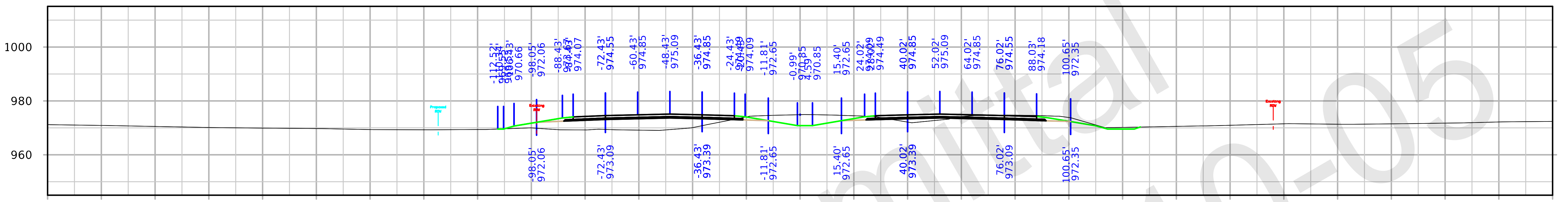
STA. 1746+00.00



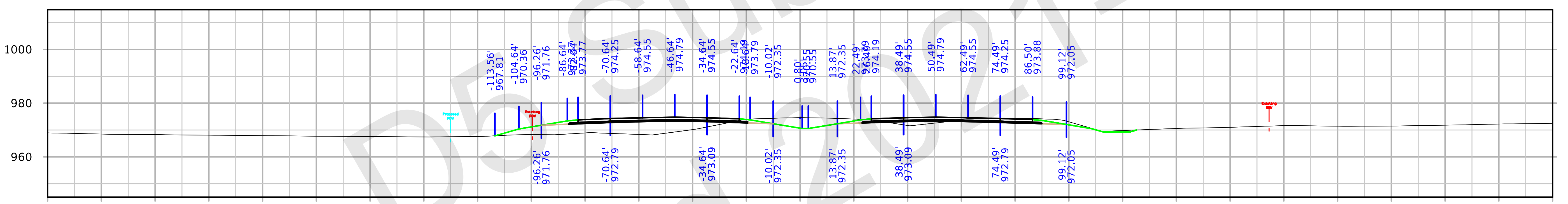
STA. 1745+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.9

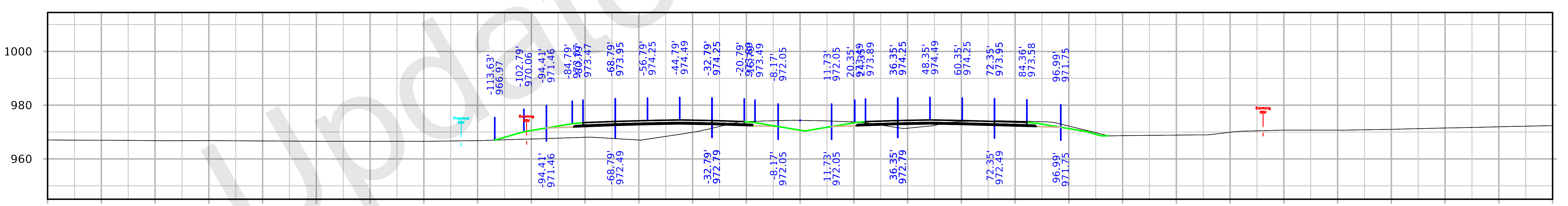
7:08:53 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1750+00.00



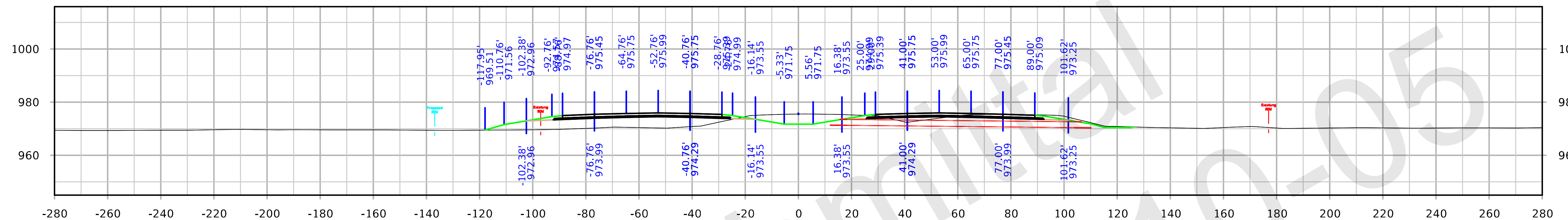
STA. 1749+00.00



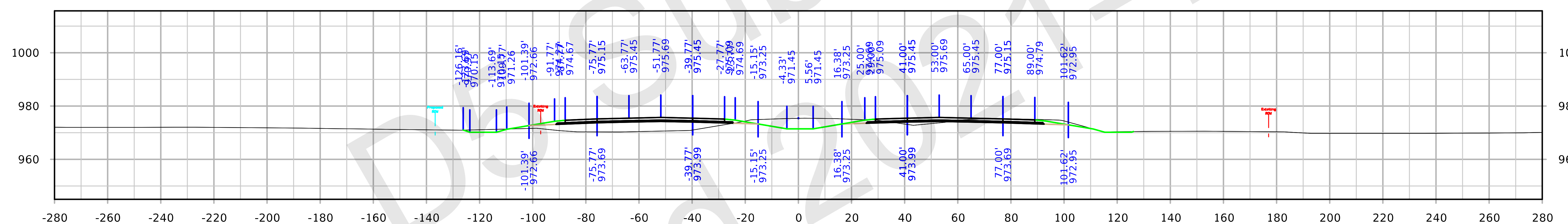
STA. 1748+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.10

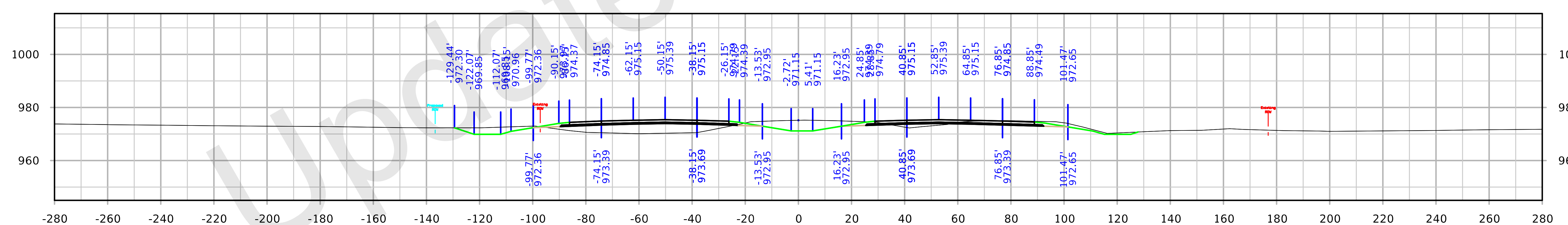
7:10:04 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



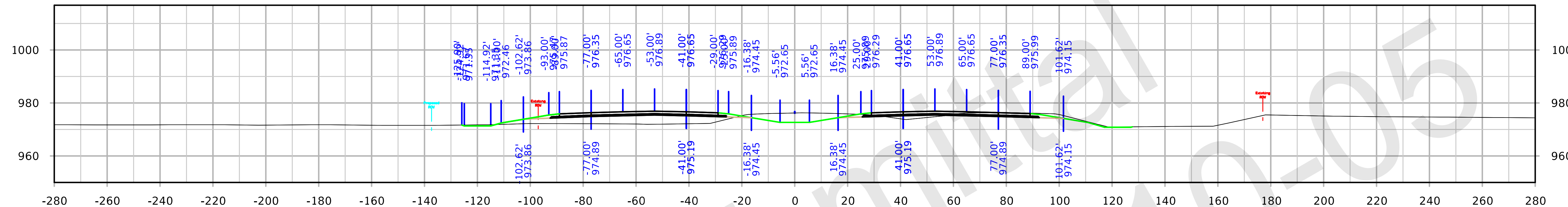
STA. 1753+00.00



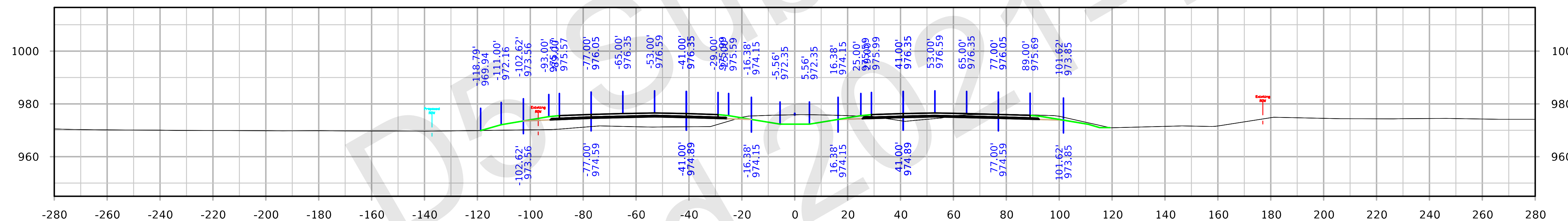
STA. 1752+00.00



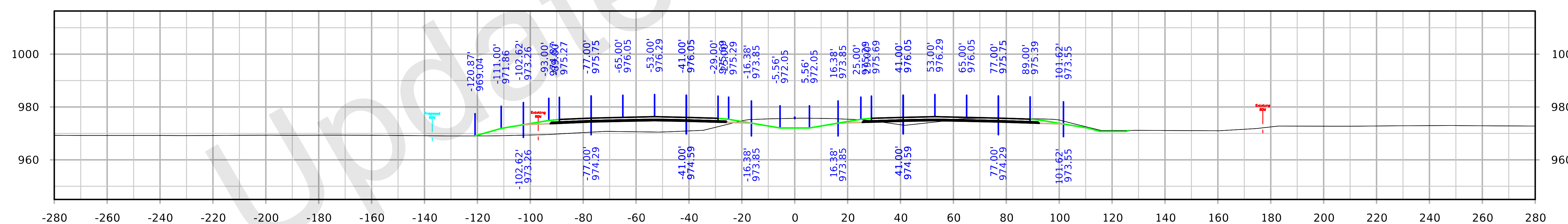
STA. 1751+00.00



STA. 1756+00.00



STA. 1755+00.00



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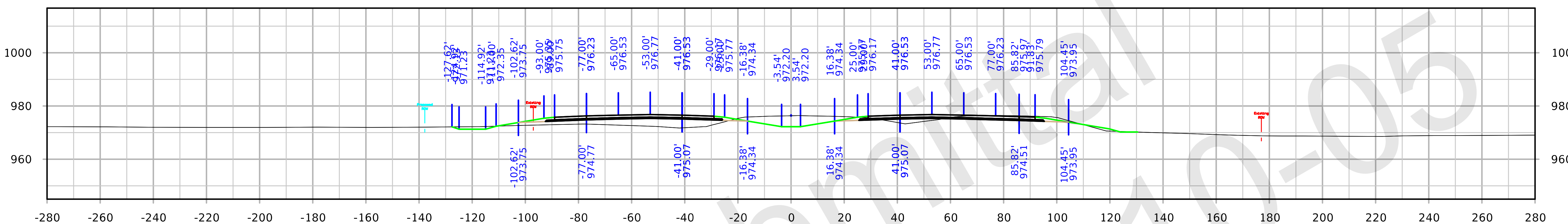
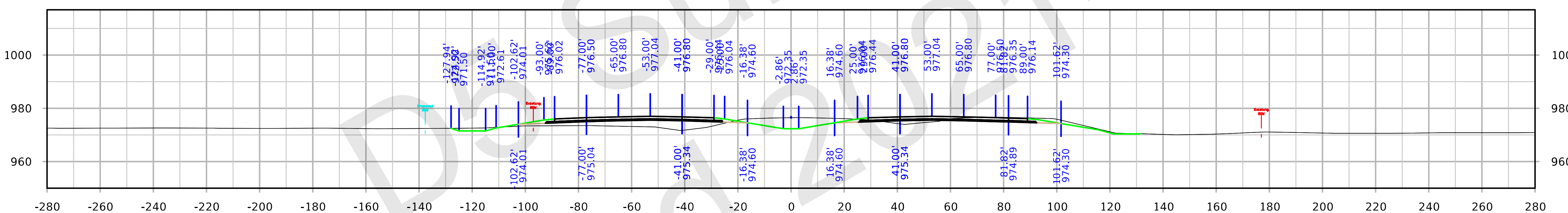
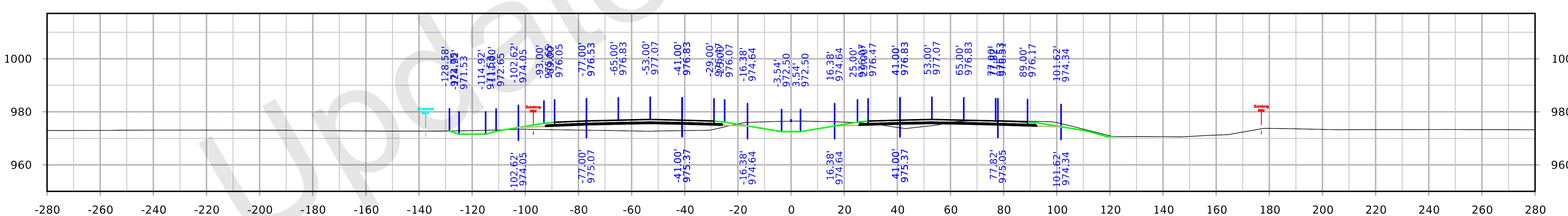


STA. 1759+00.00



STA. 1758+00.00



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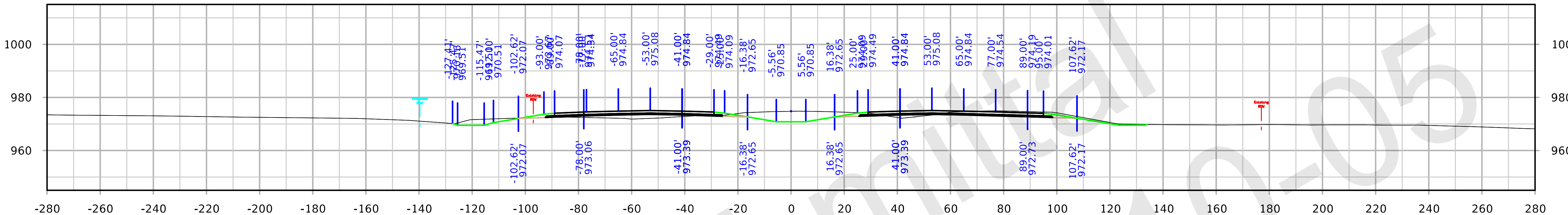
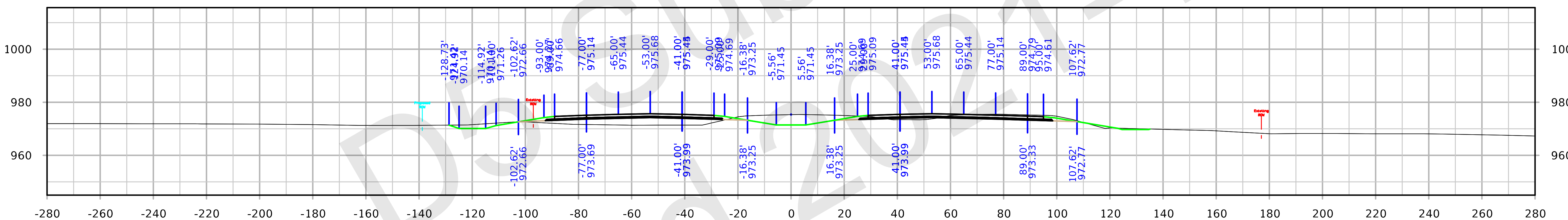
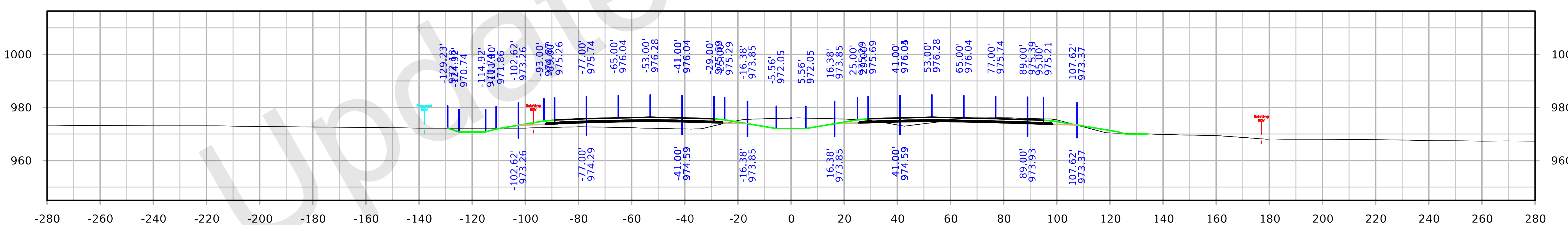


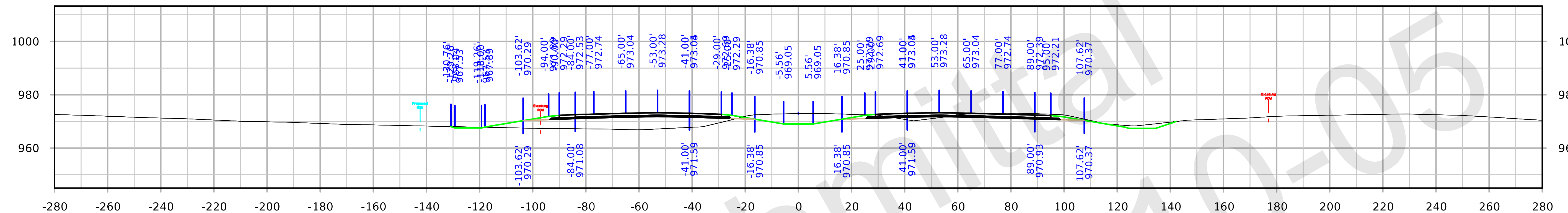
STA. 1762+00.00



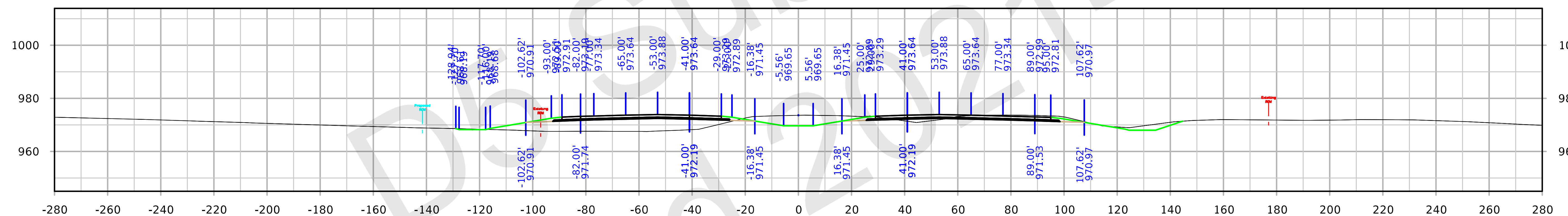
STA. 1761+00.00



STA. 1760+00.00



STA. 1765+00.00



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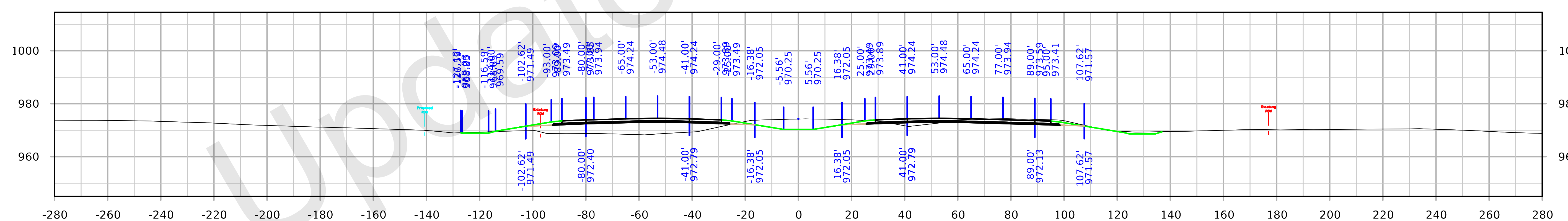
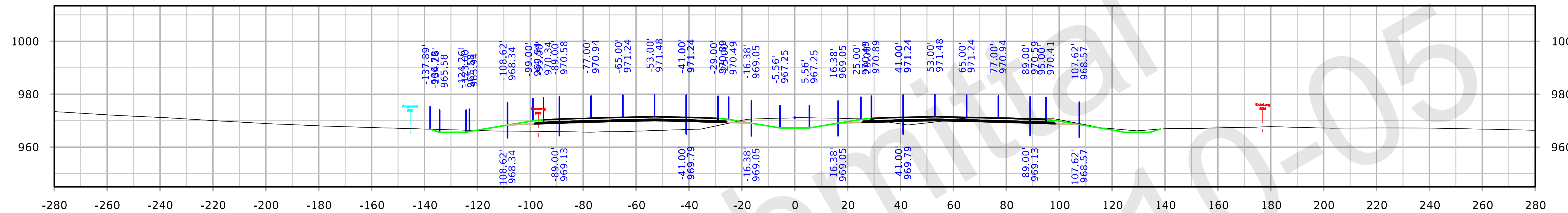
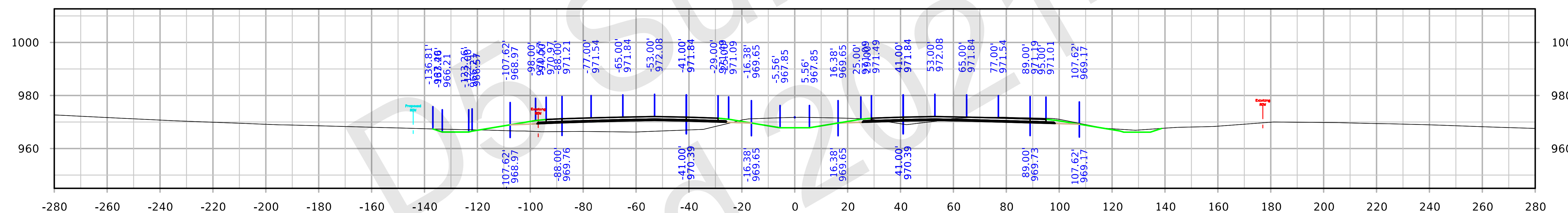


STA. 1763+00.00

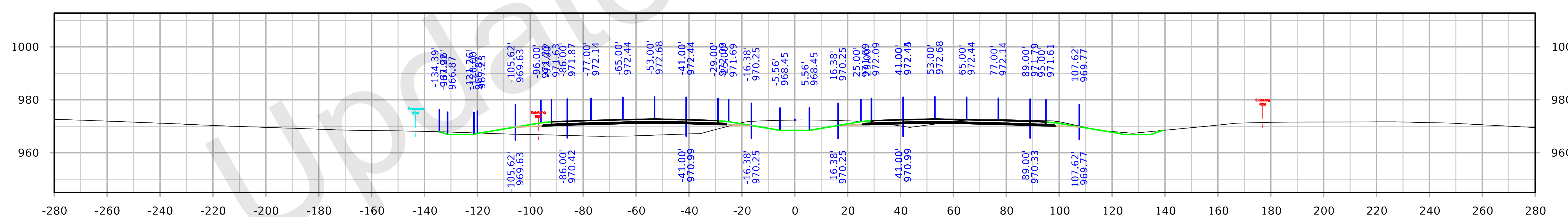
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.15



STA. 1768+00.00

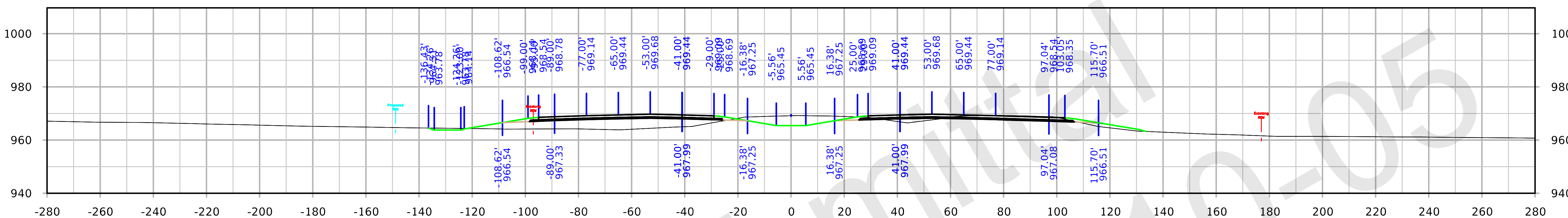


STA. 1767+00.00

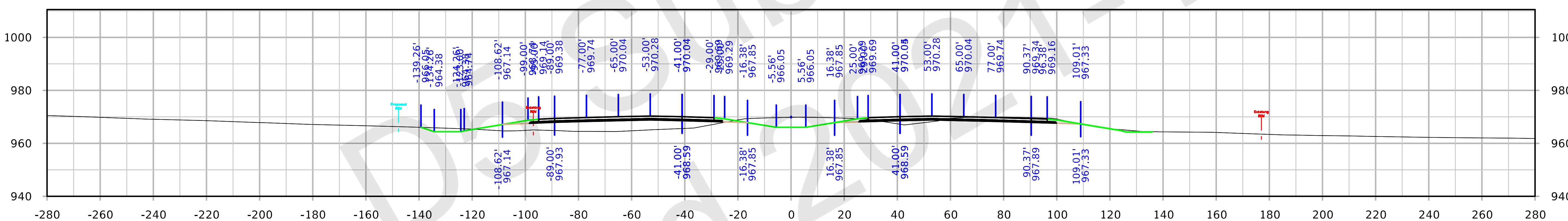


STA. 1766+00.00

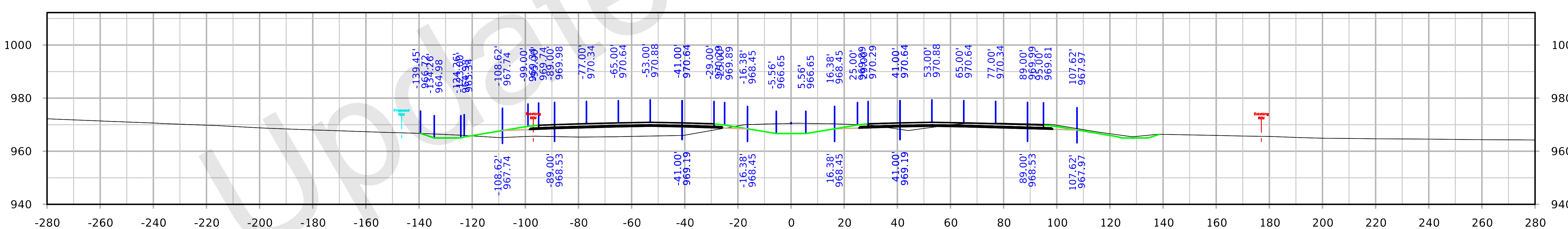
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.16



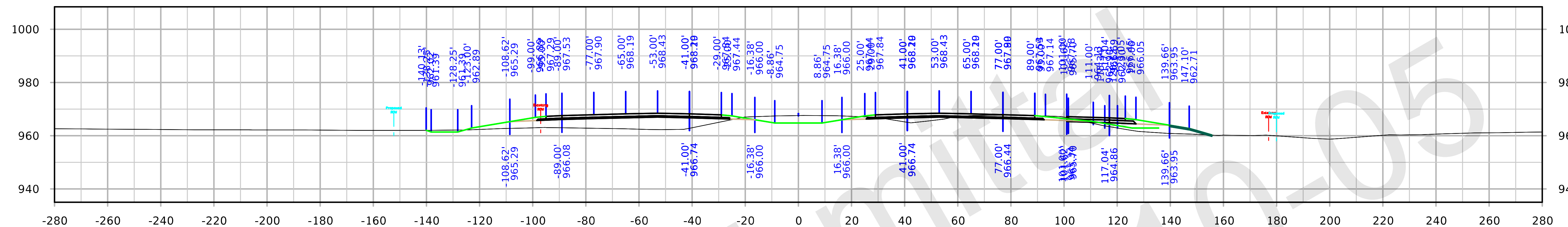
STA. 1771+00.00



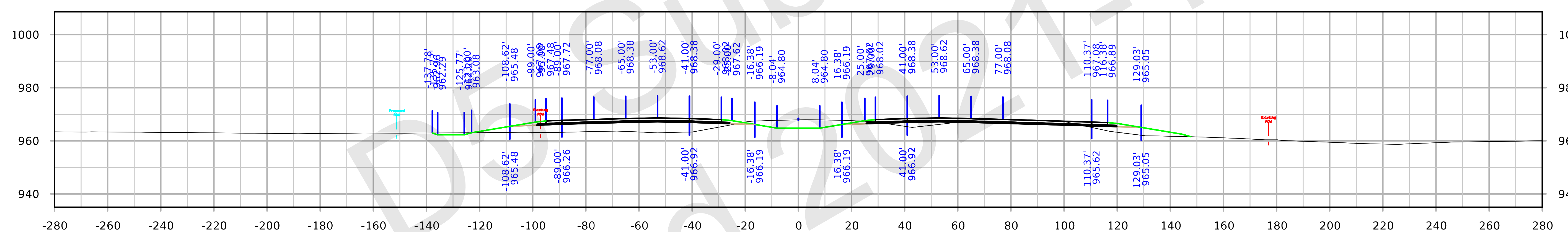
STA. 1770+00.00



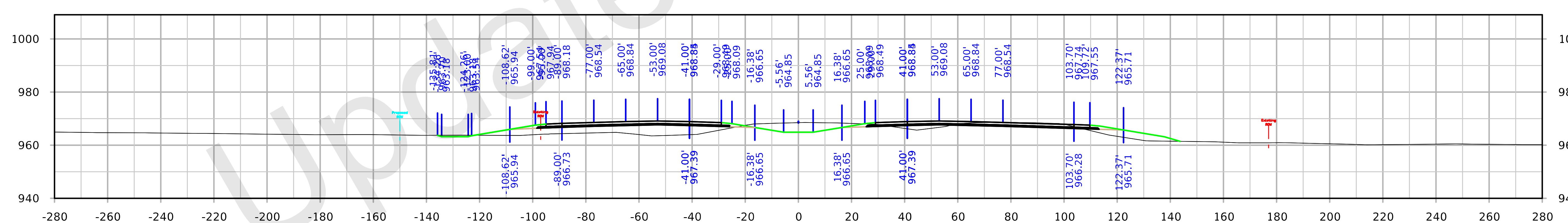
STA. 1769+00.00



STA. 1774+00.00



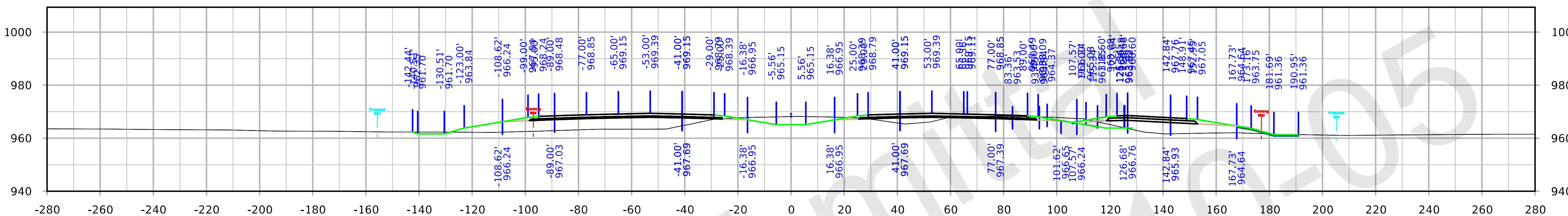
STA. 1773+00.00



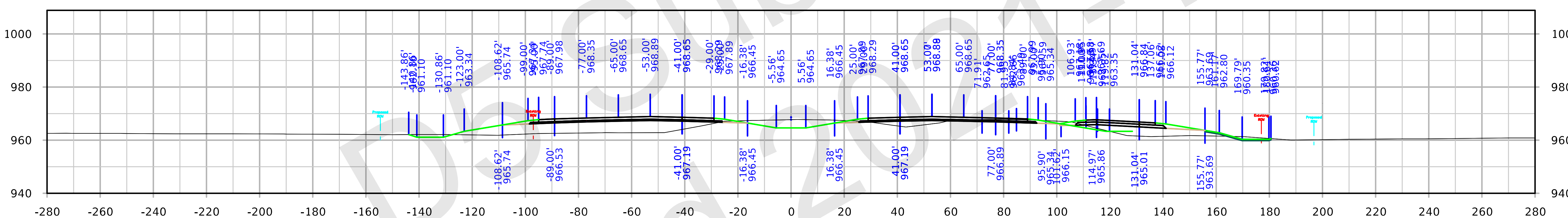
STA. 1772+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.18

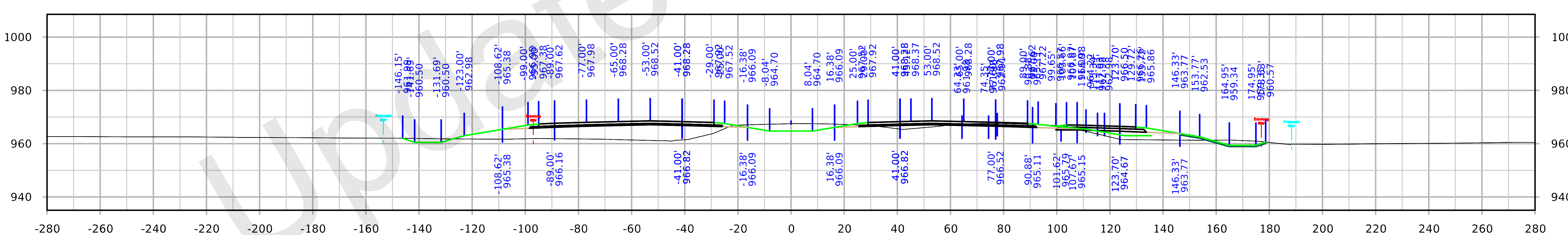
7:17:18 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1777+00.00

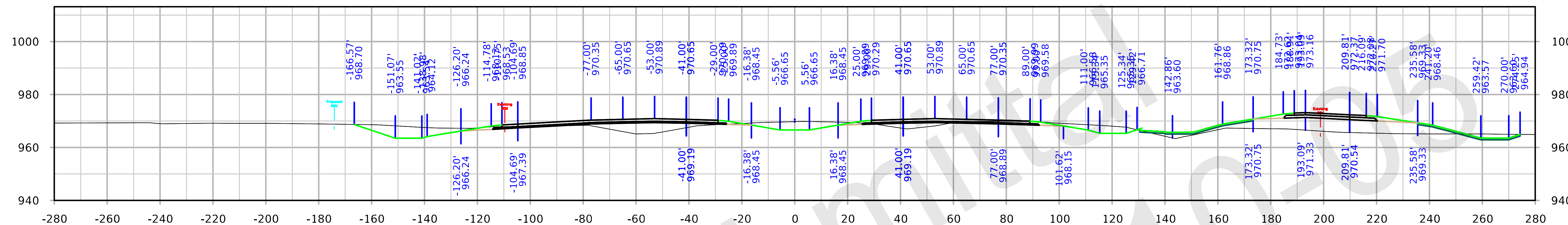


STA. 1776+00.00

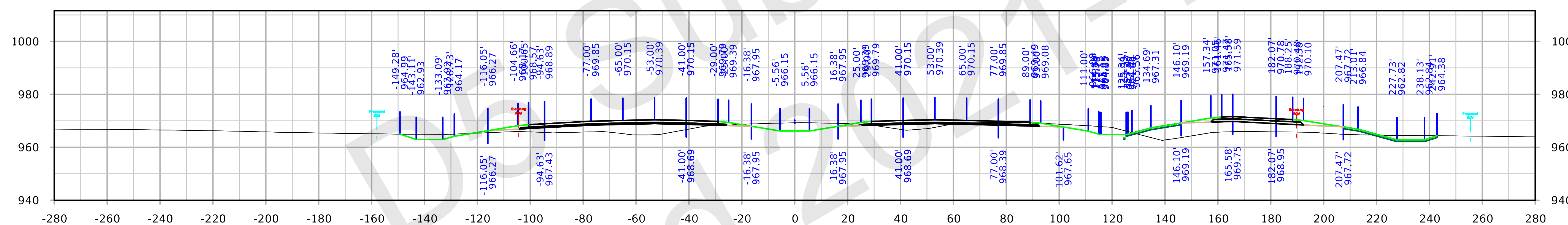


STA. 1775+00.00

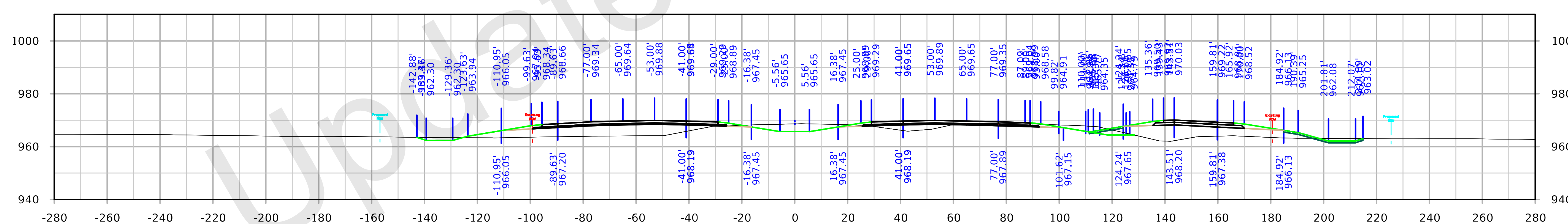
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.19



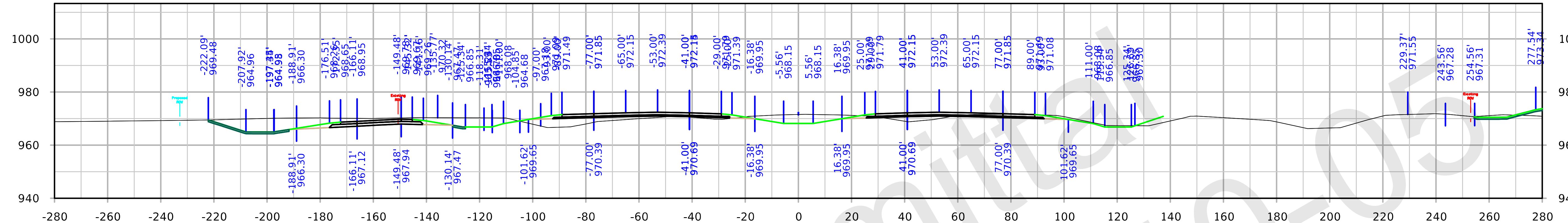
STA. 1780+00.00



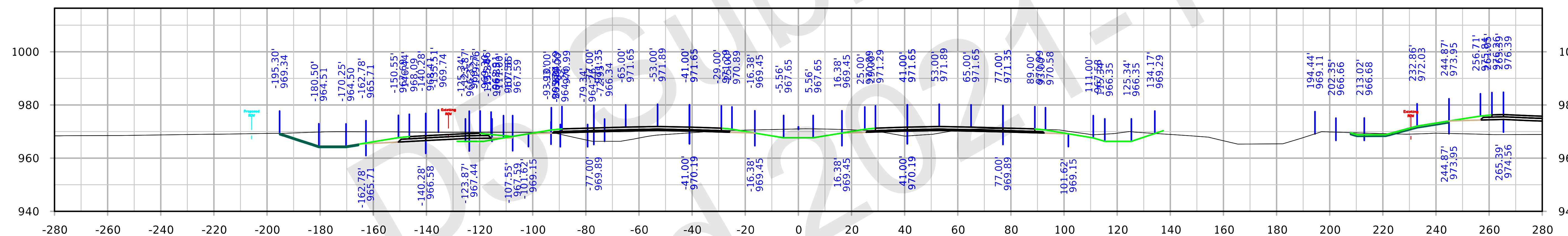
STA. 1779+00.00



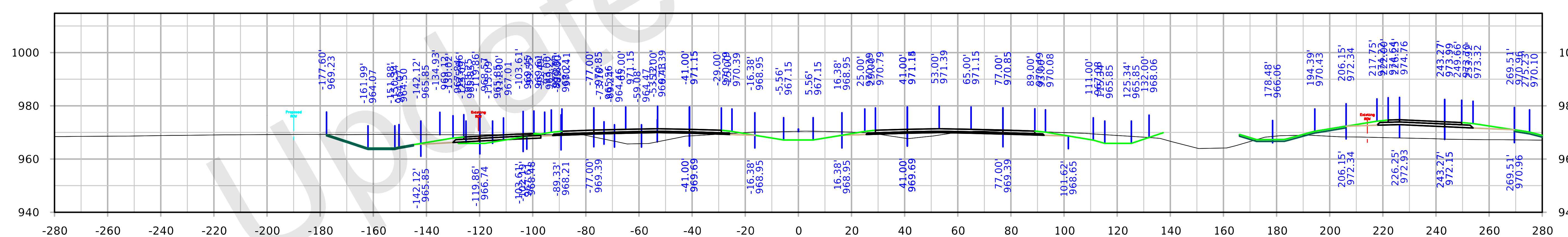
STA. 1778+00.00



STA. 1783+00.00

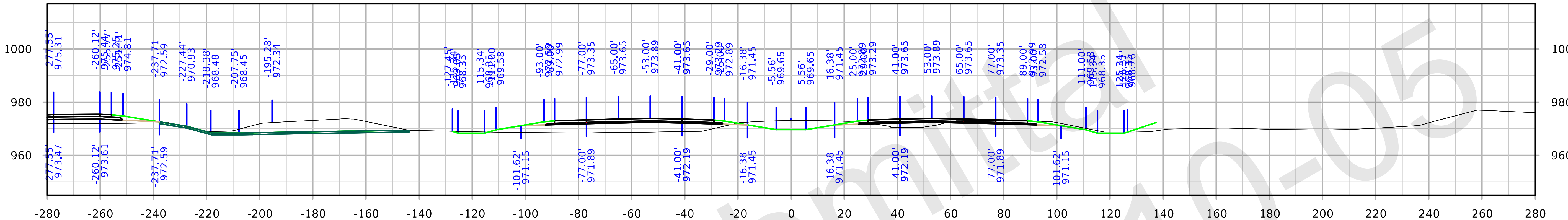


STA. 1782+00.00

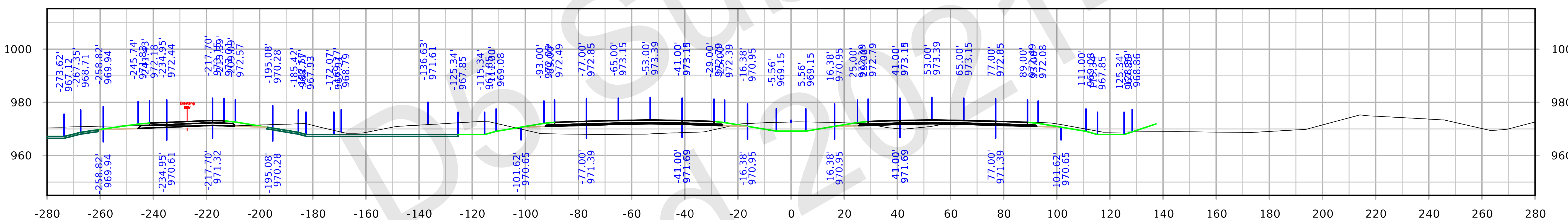


STA. 1781+00.00

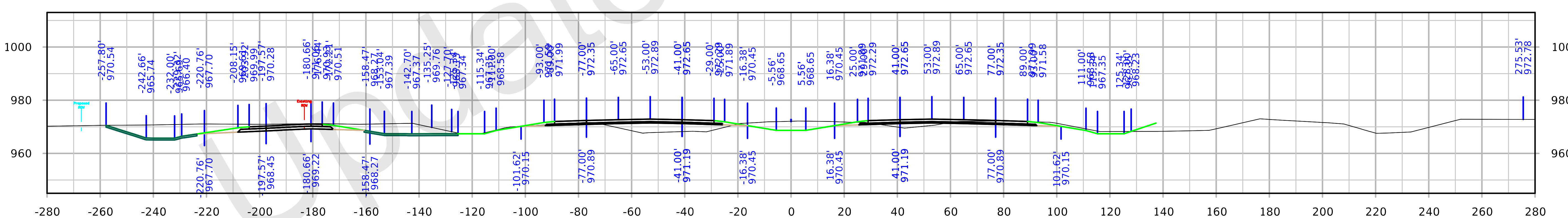
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.21



STA. 1786+00.00



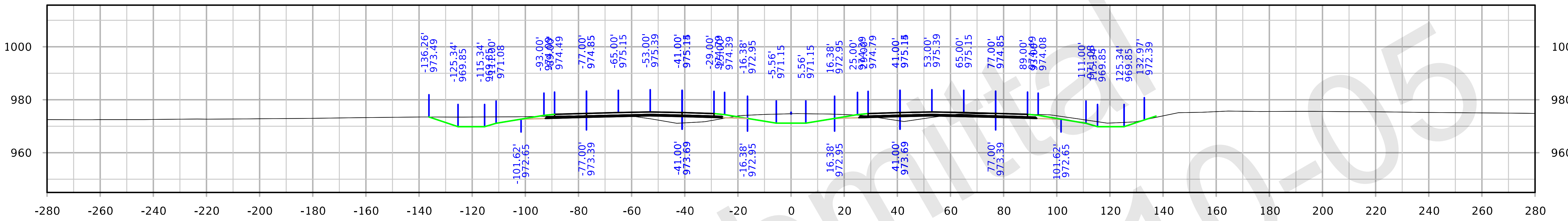
STA. 1785+00.00



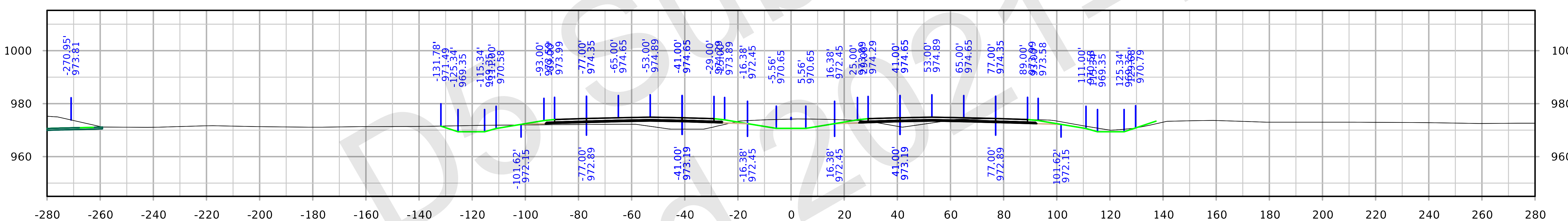
STA. 1784+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.22

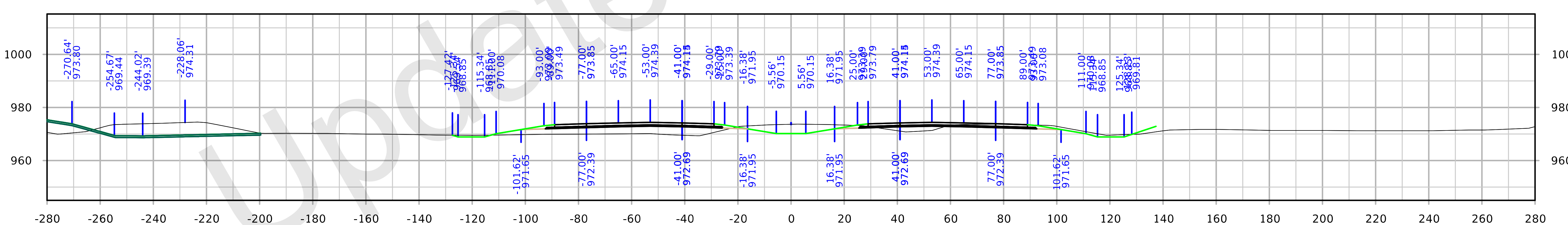
I-35



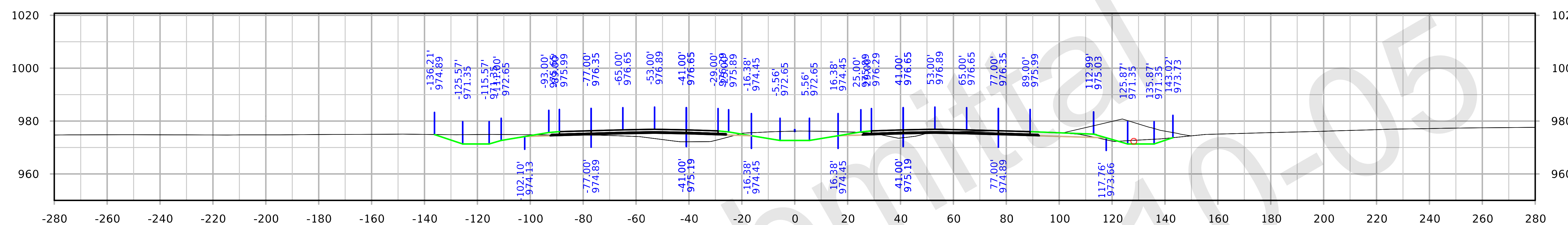
STA. 1789+00.00



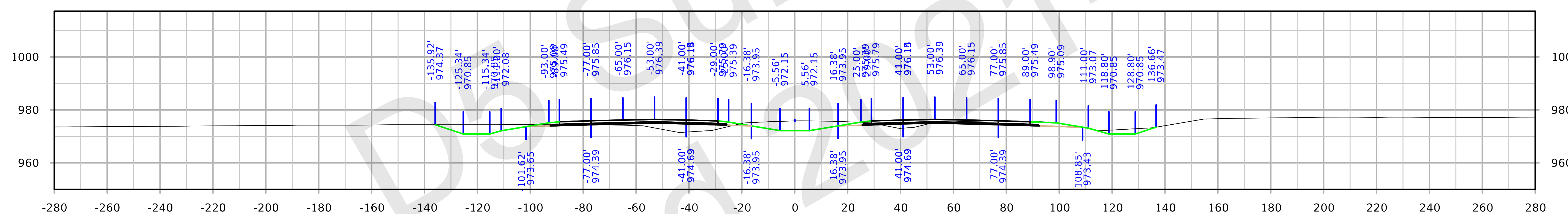
STA. 1788+00.00



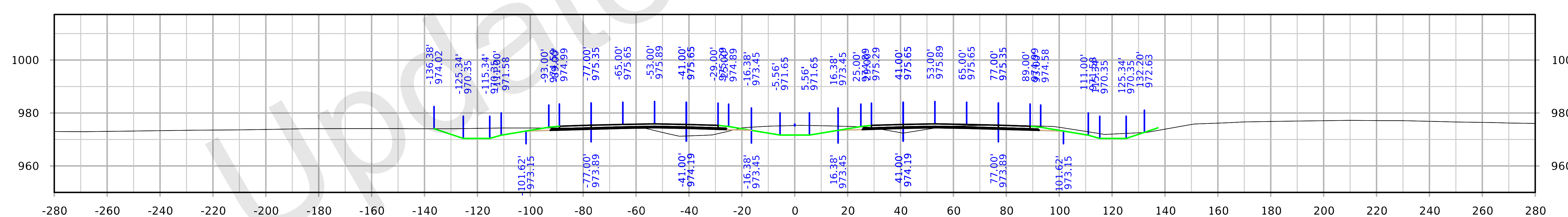
STA. 1787+00.00



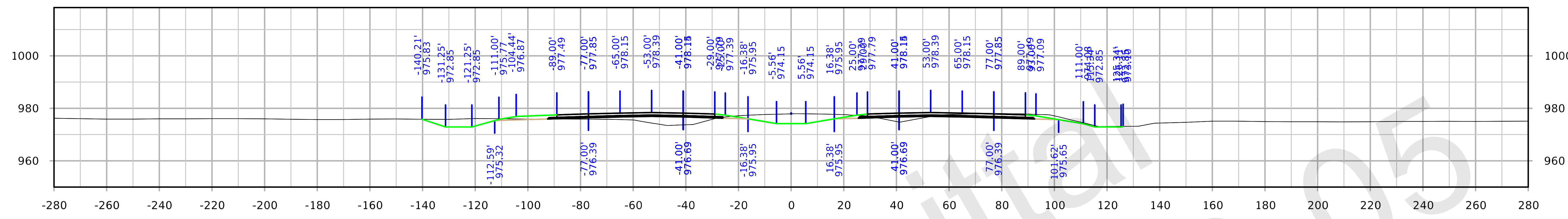
STA. 1792+00.00

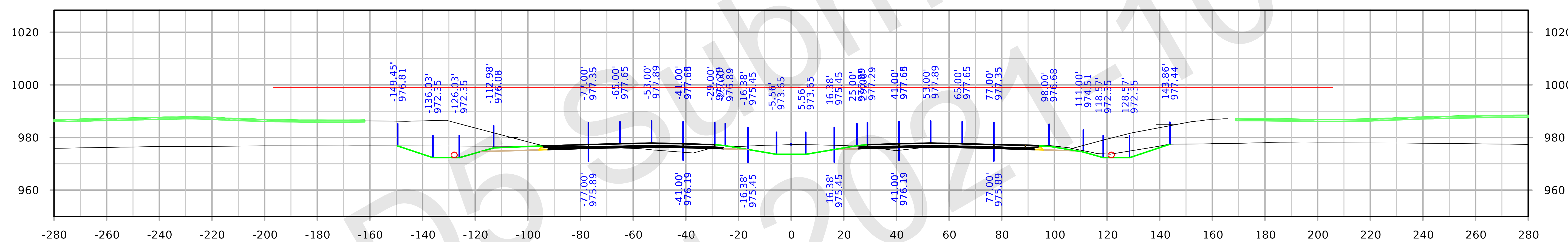


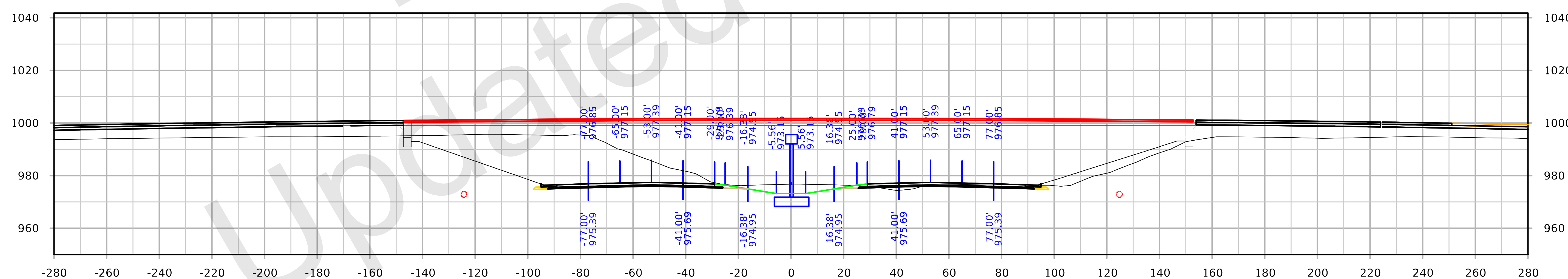
STA. 1791+00.00

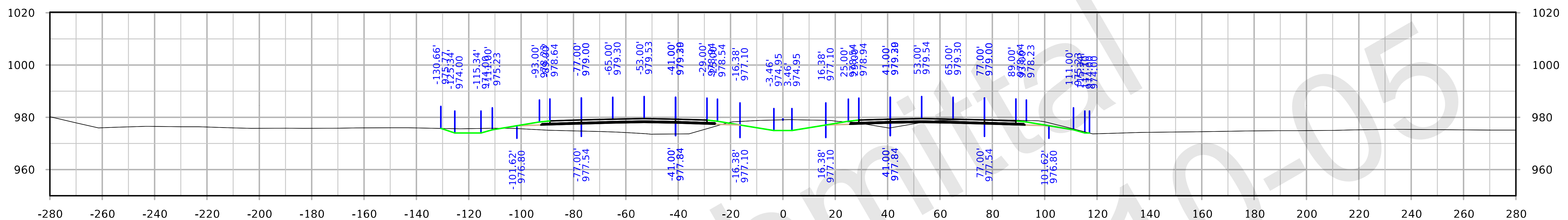


STA. 1790+00.00

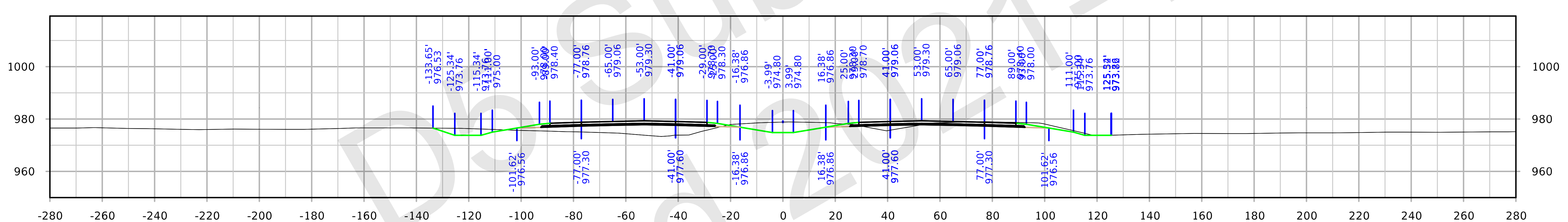

STA. 1795+00.00


STA. 1794+00.00

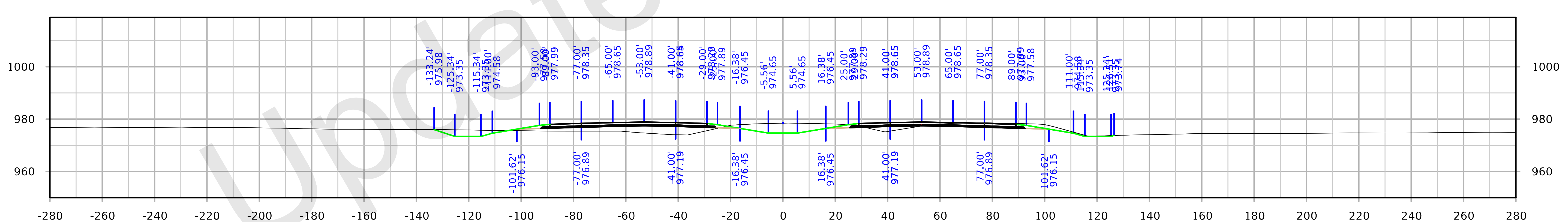

STA. 1793+00.00



STA. 1798+00.00

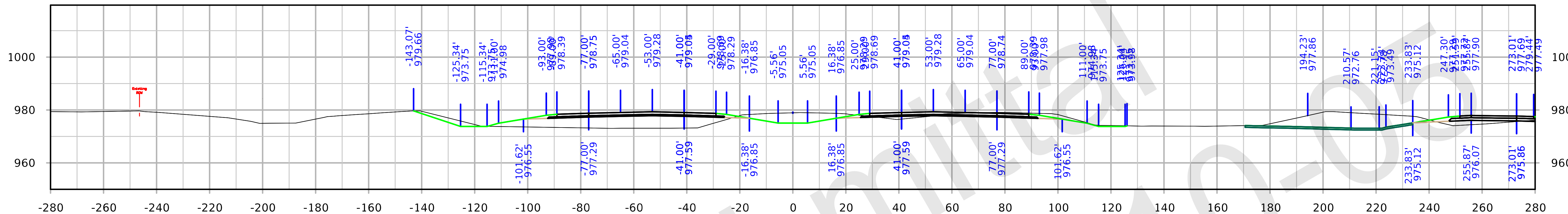


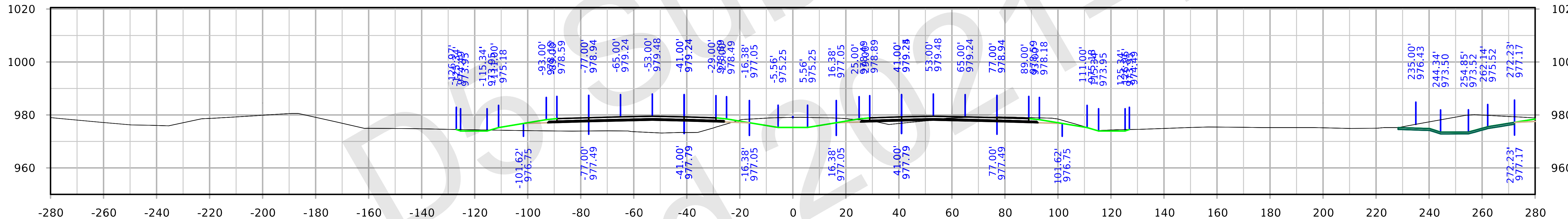
STA. 1797+00.00

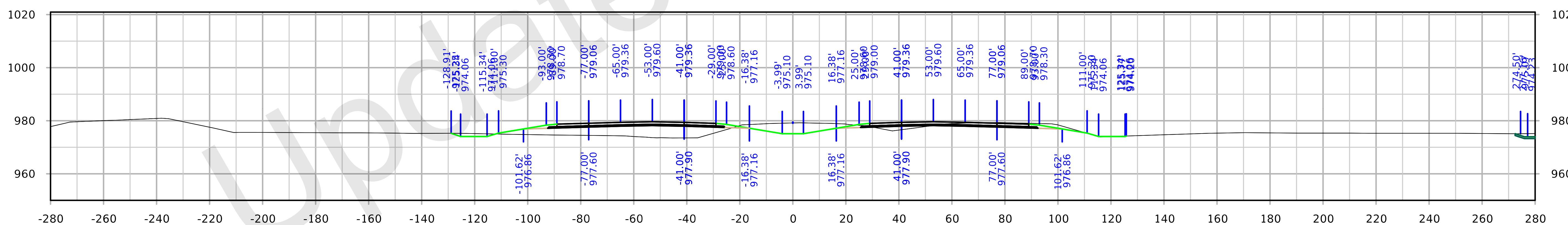


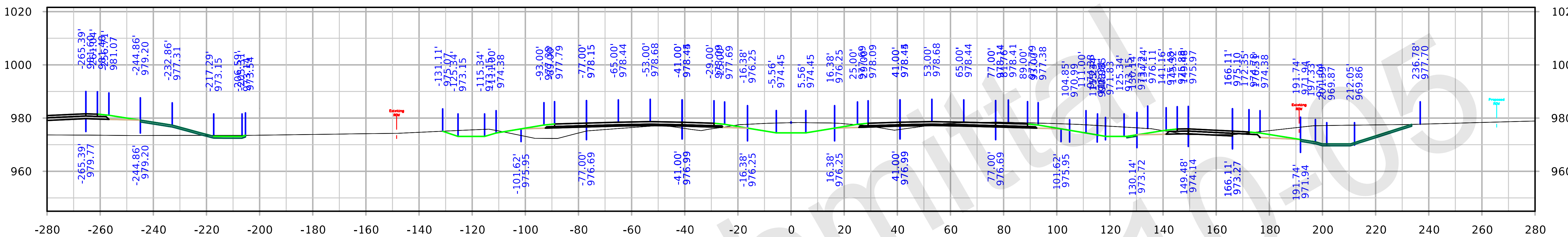
STA. 1796+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.26

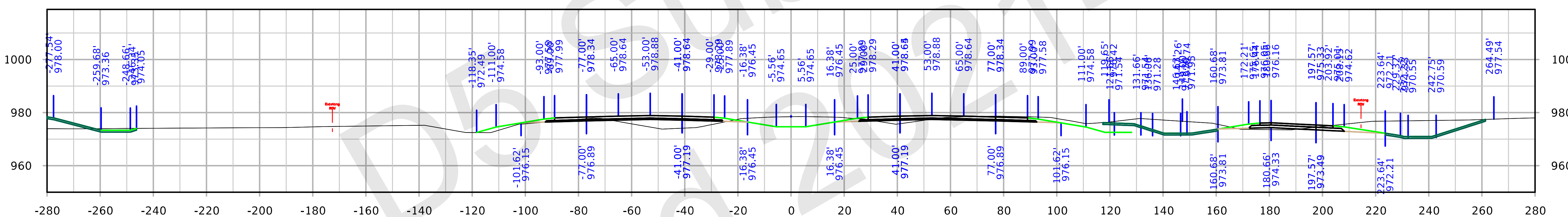

STA. 1801+00.00


STA. 1800+00.00

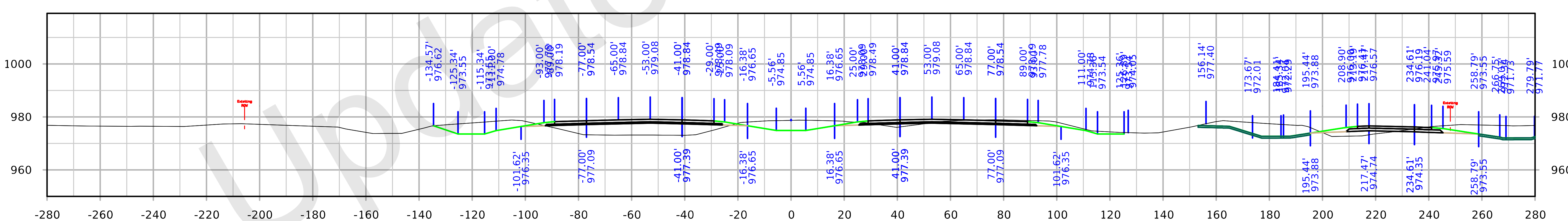

STA. 1799+00.00



STA. 1804+00.00



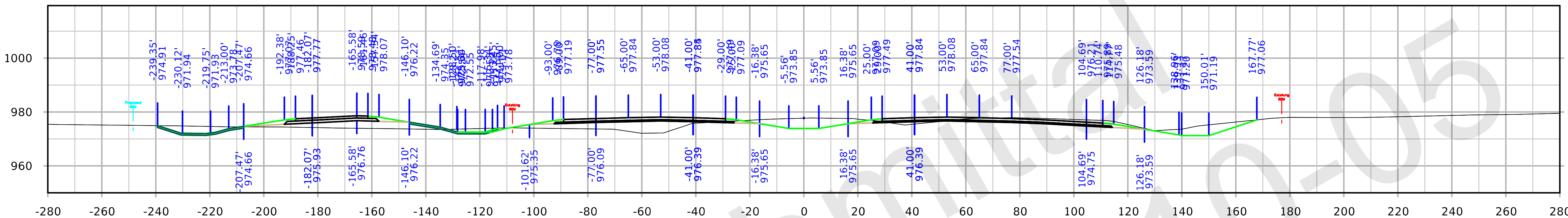
STA. 1803+00.00



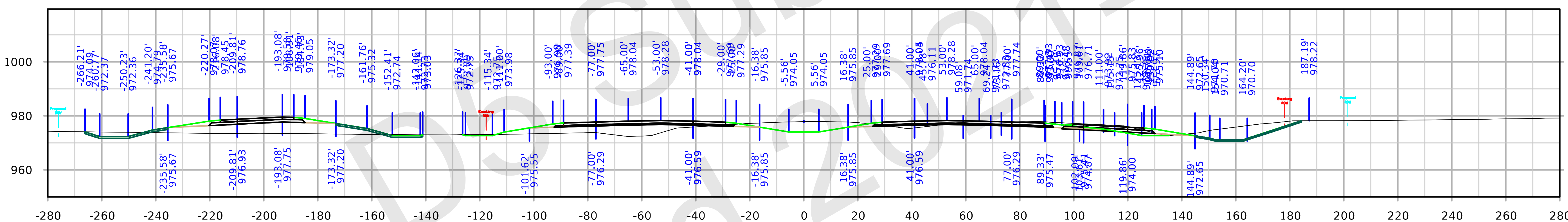
STA. 1802+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.28

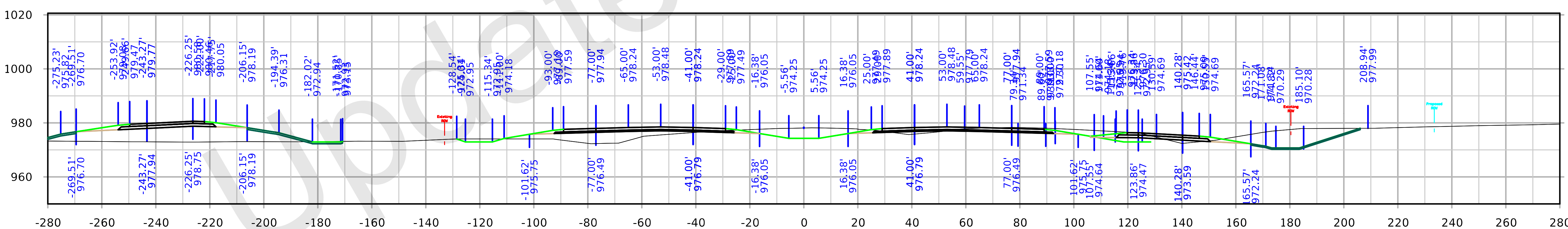
7:27:26 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1807+00.00

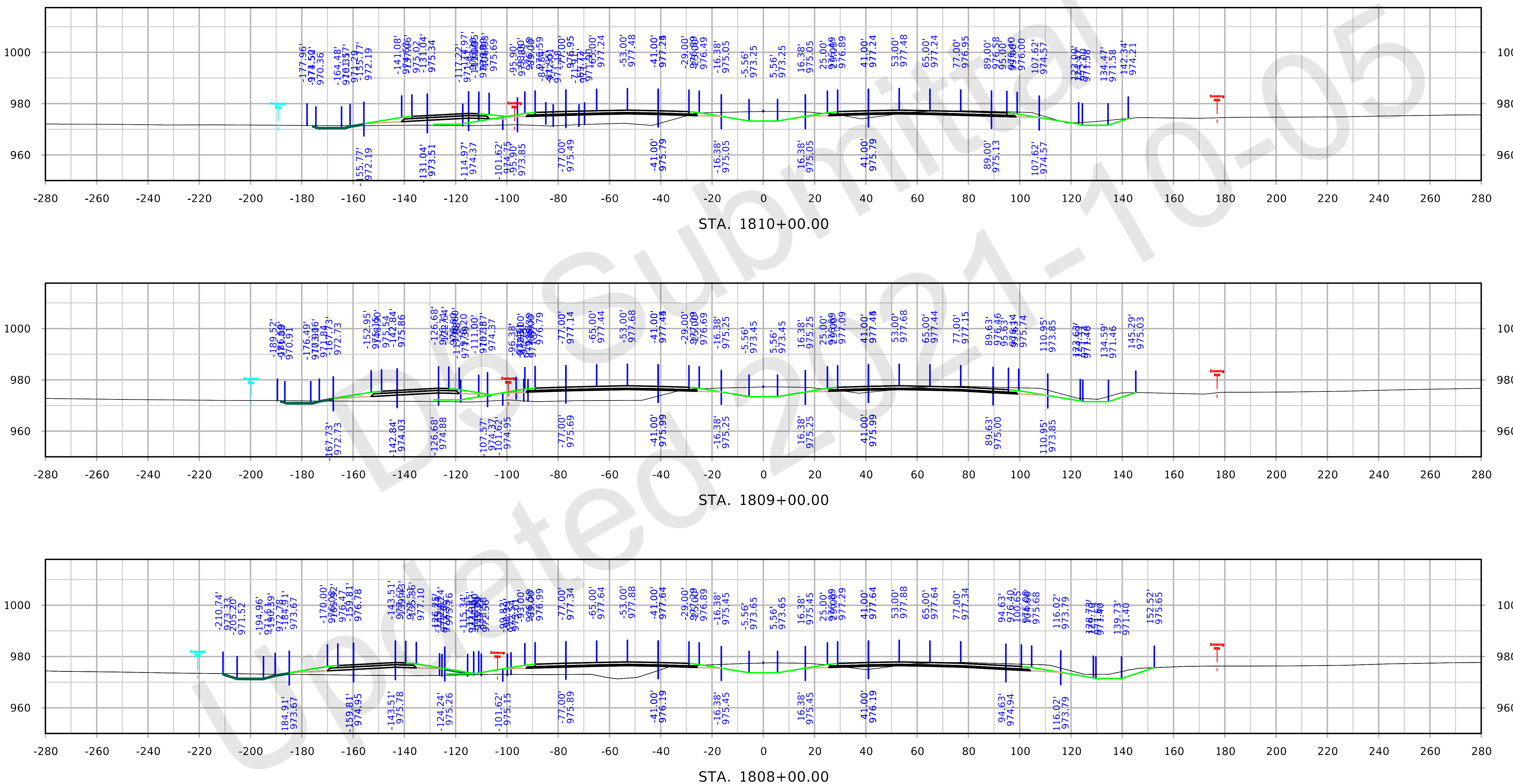


STA. 1806+00.00

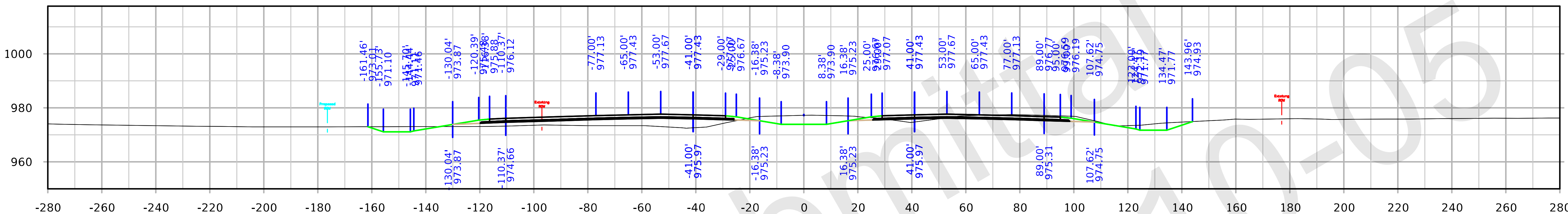


STA. 1805+00.00

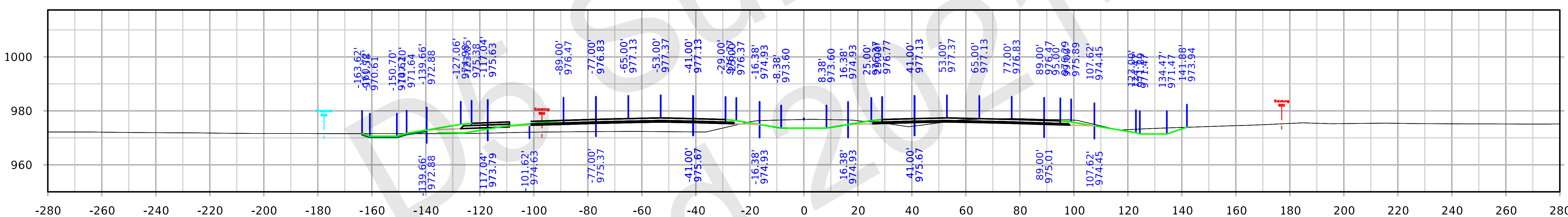
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.29



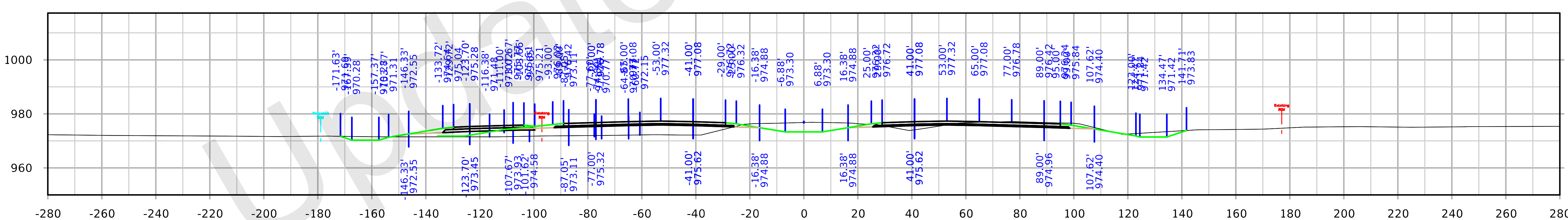
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.30



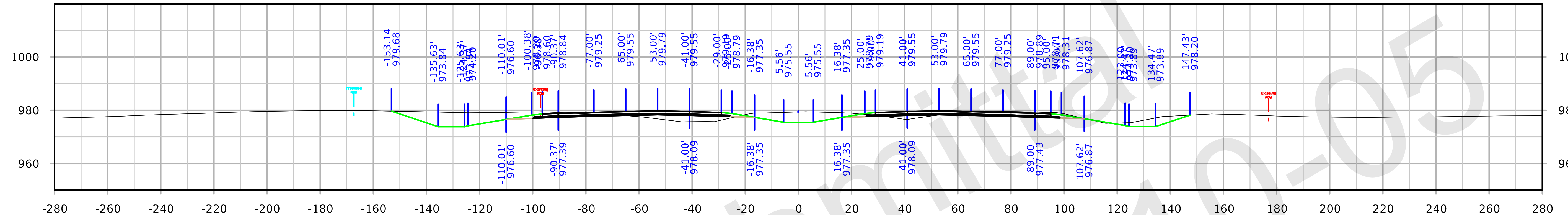
STA. 1813+00.00



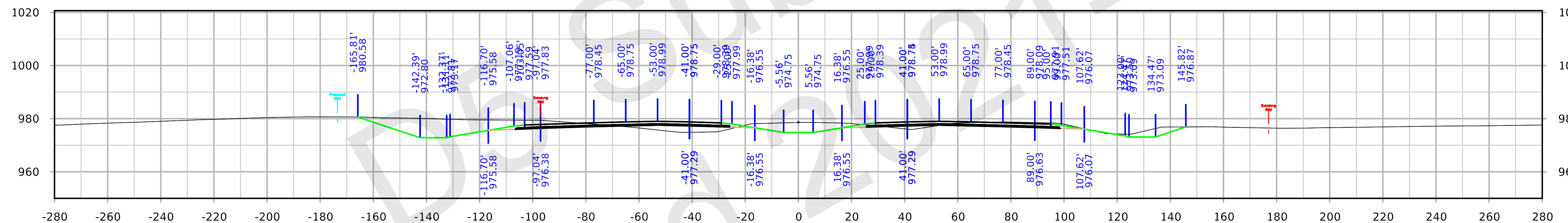
STA. 1812+00.00



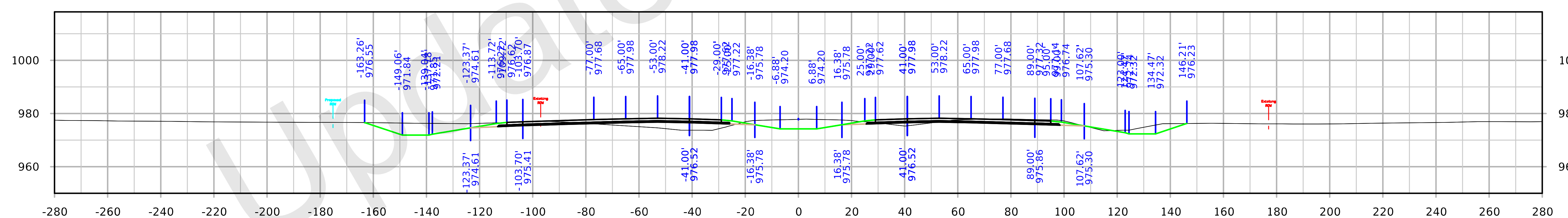
STA. 1811+00.00



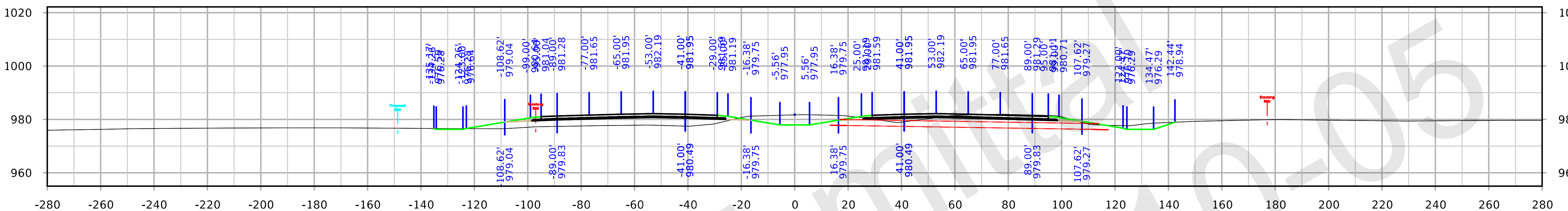
STA. 1816+00.00



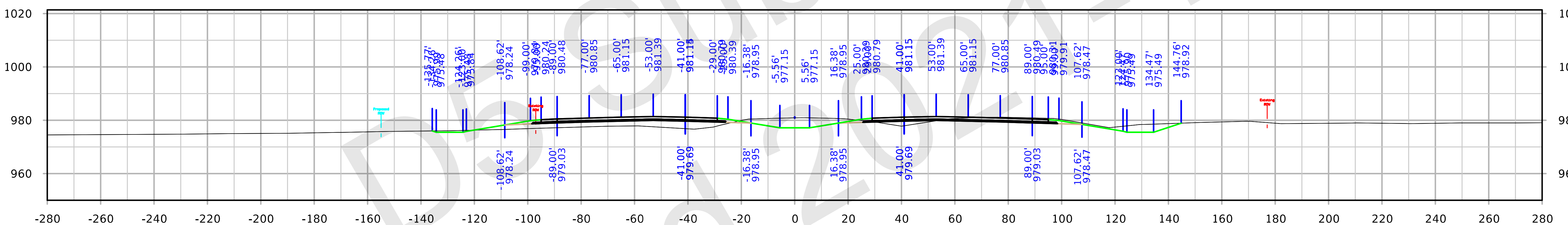
STA. 1815+00.00



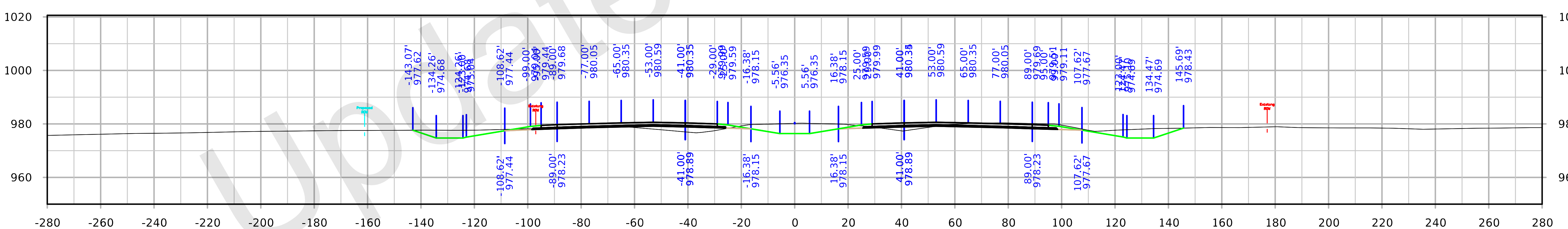
STA. 1814+00.00



STA. 1819+00.00



STA. 1818+00.00

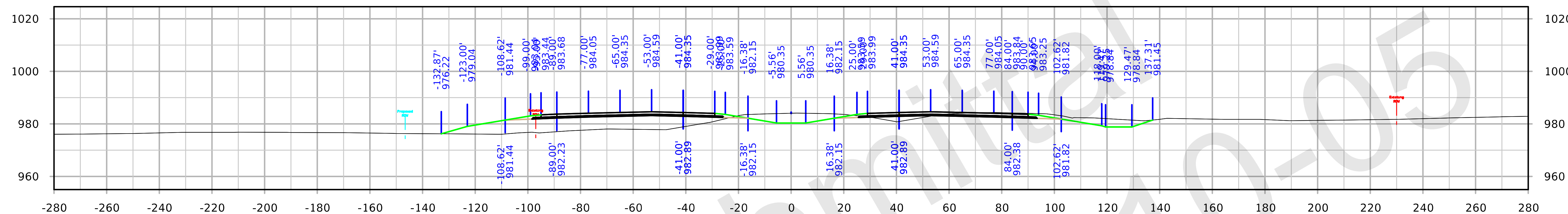


STA. 1817+00.00

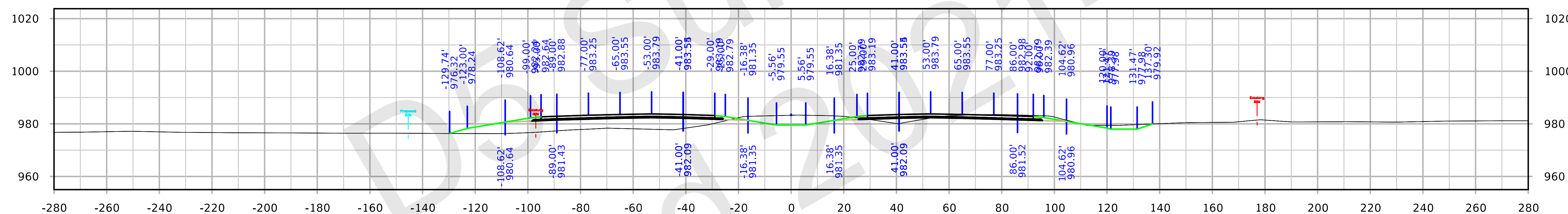
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.33

7:33:28 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn

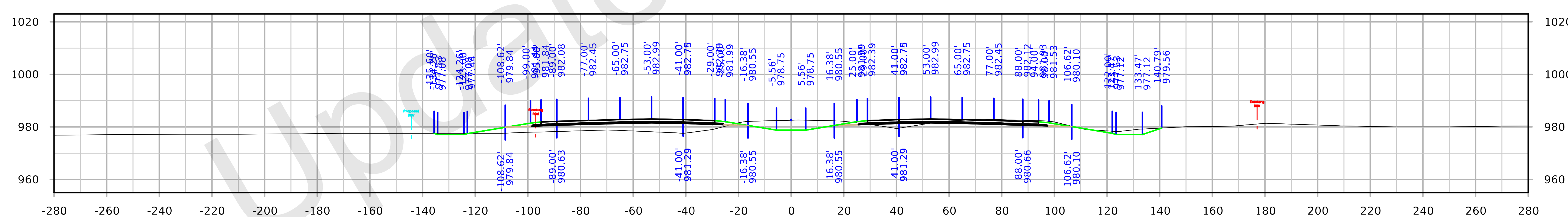
I-35



STA. 1822+00.00



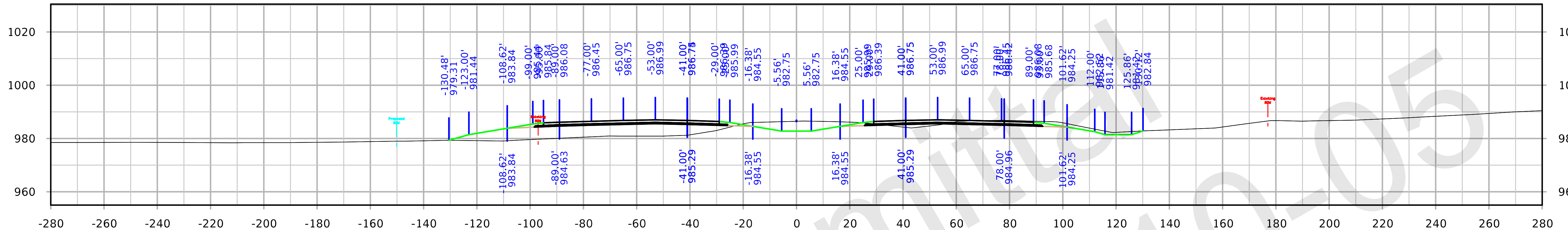
STA. 1821+00.00



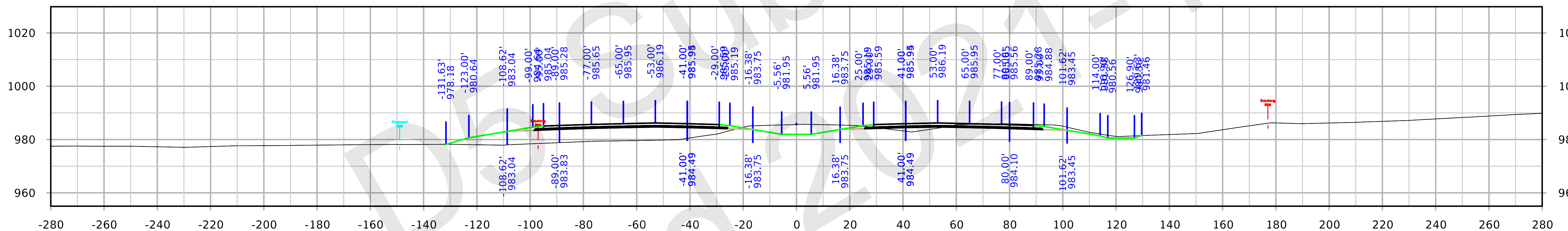
STA. 1820+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.34

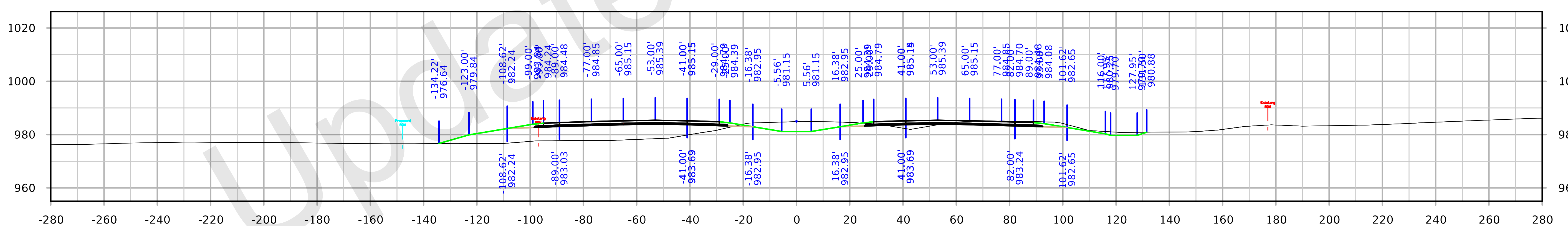
7:34:40 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1825+00.00



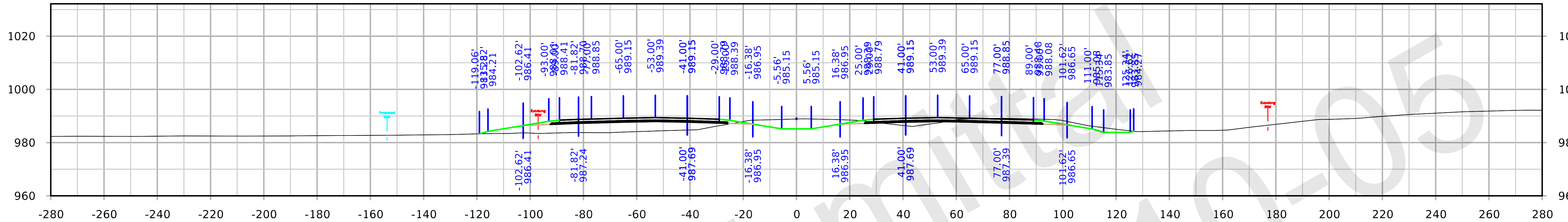
STA. 1824+00.00



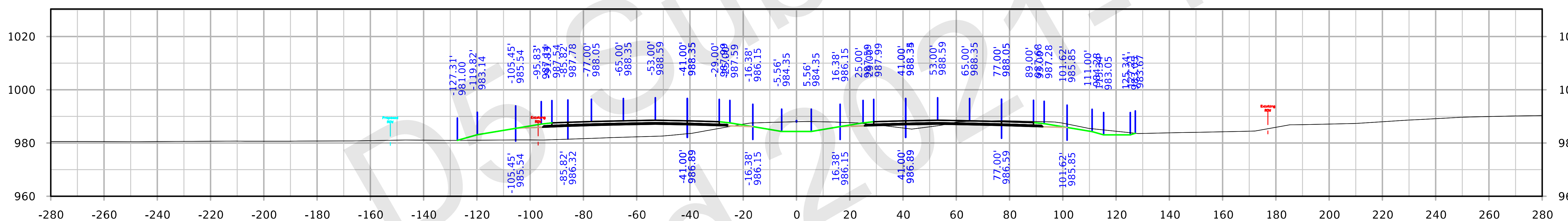
STA. 1823+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.35

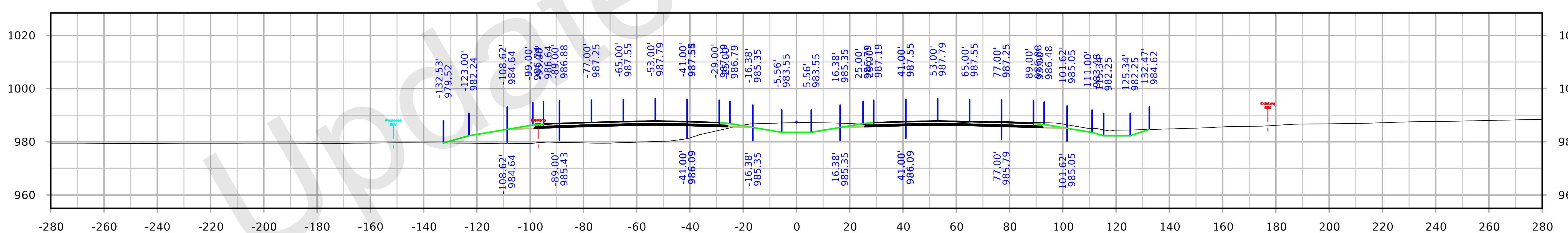
7:35:52 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1828+00.00



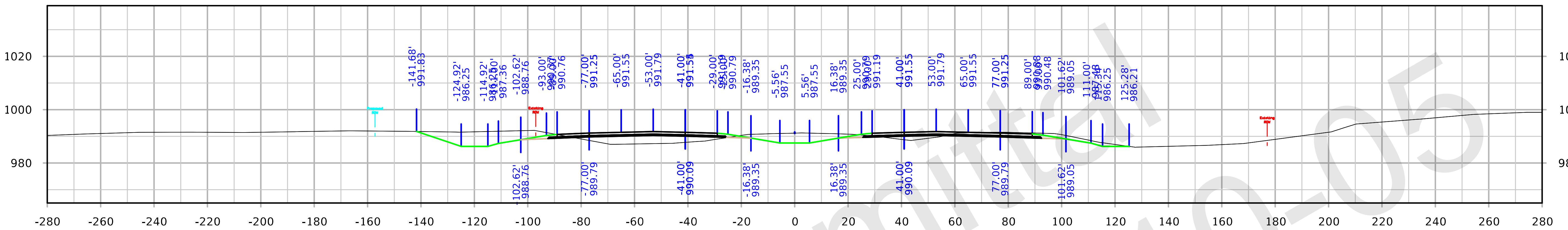
STA. 1827+00.00



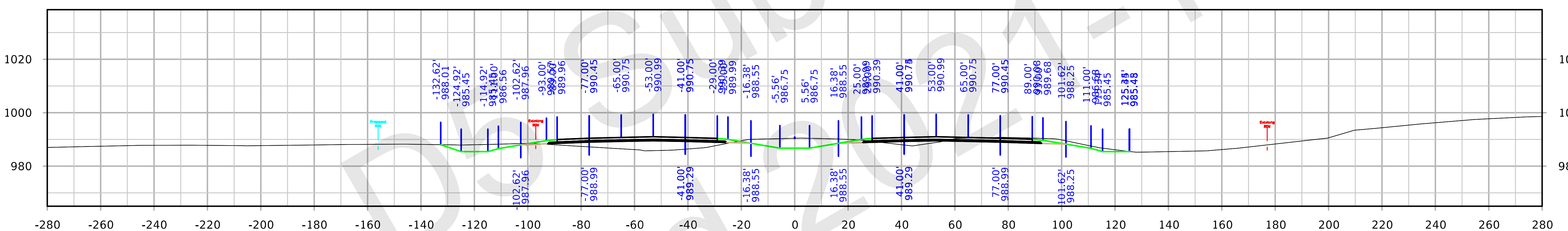
STA. 1826+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.36

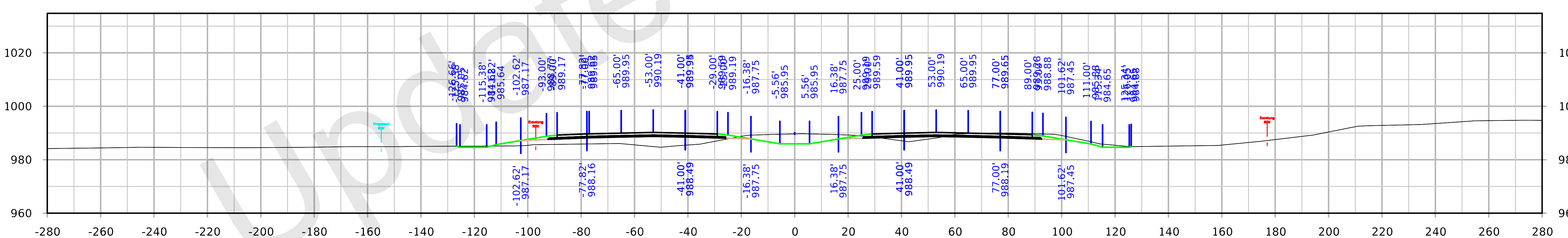
7:37:04 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1831+00.00



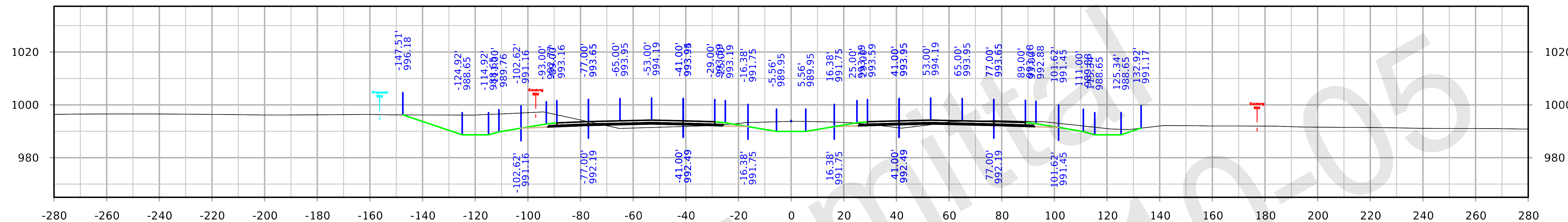
STA. 1830+00.00



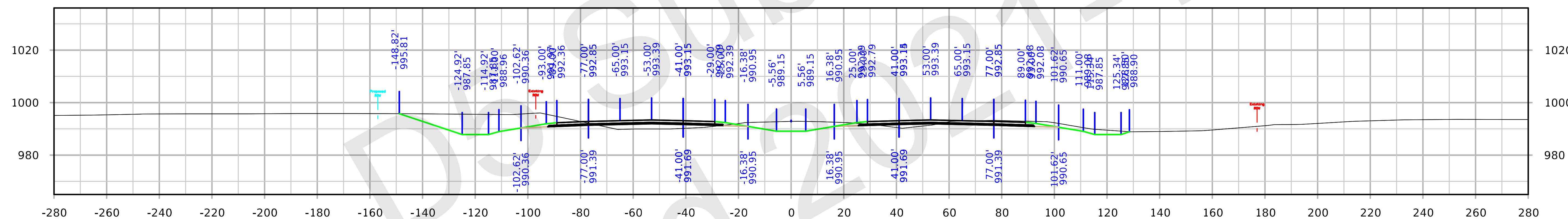
STA. 1829+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.37

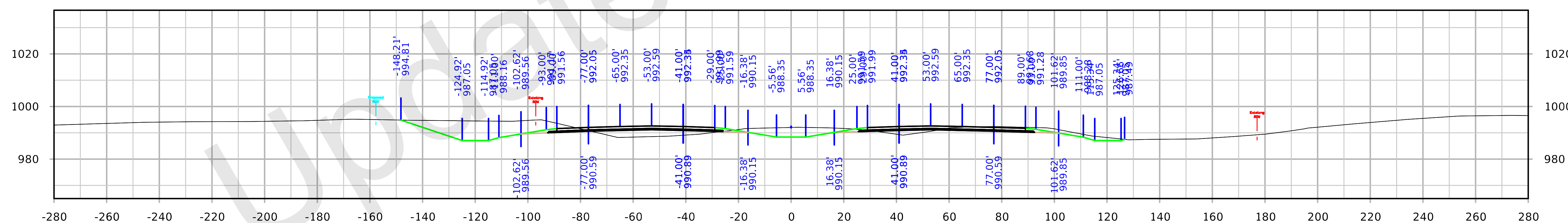
7:38:16 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



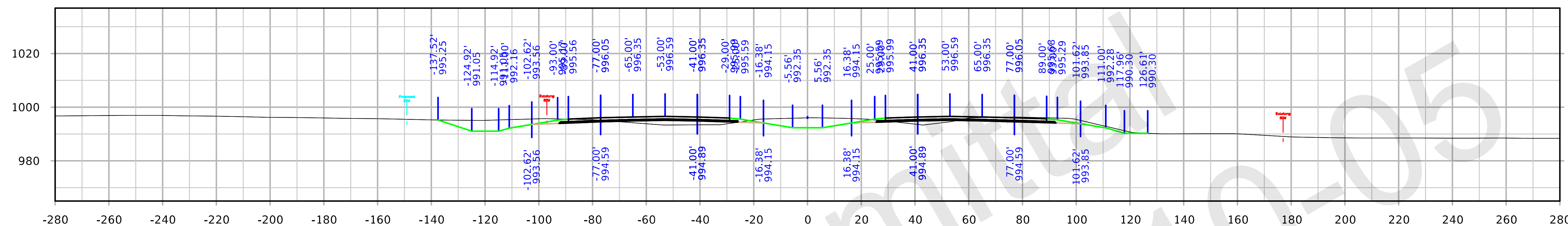
STA. 1834+00.00



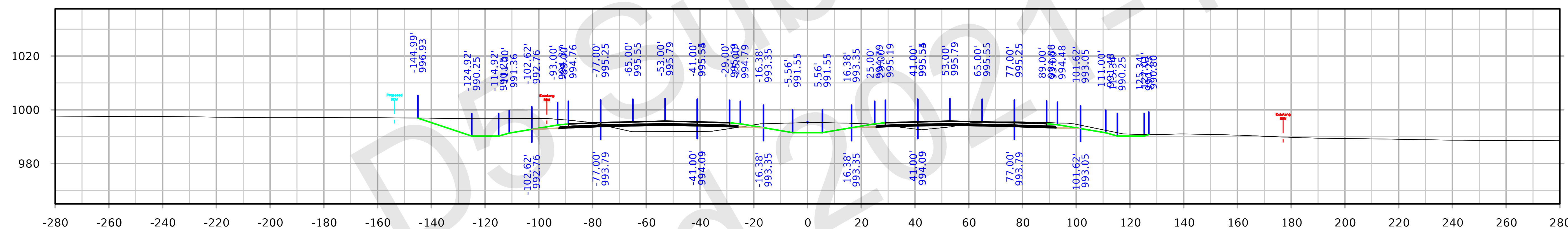
STA. 1833+00.00



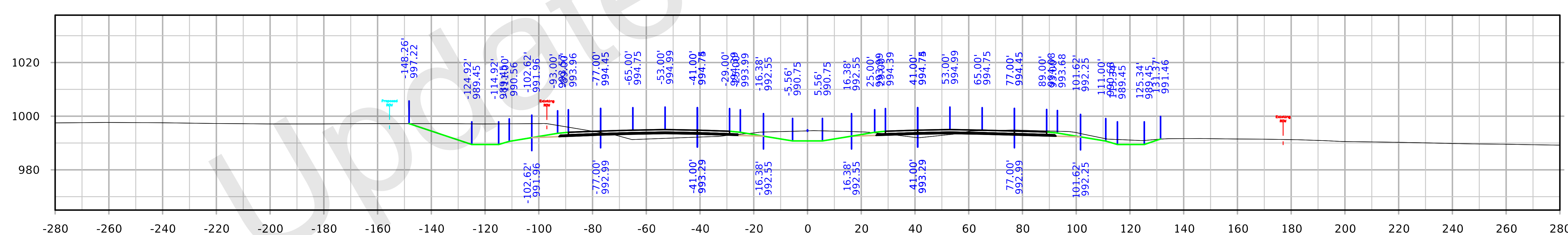
STA. 1832+00.00



STA. 1837+00.00



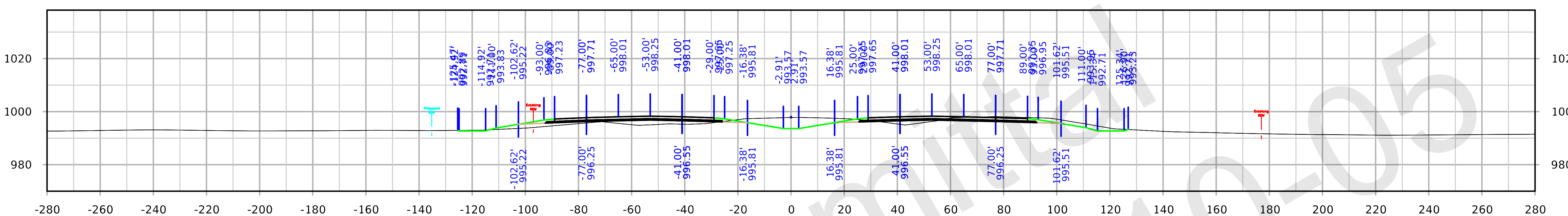
STA. 1836+00.00



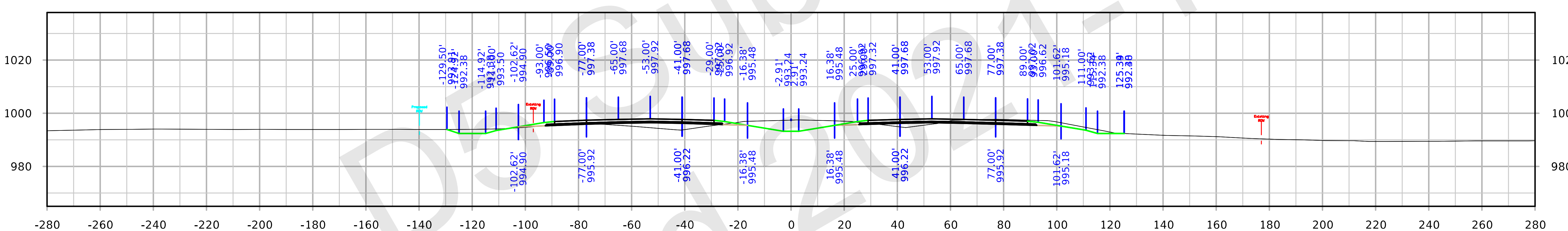
STA. 1835+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.39

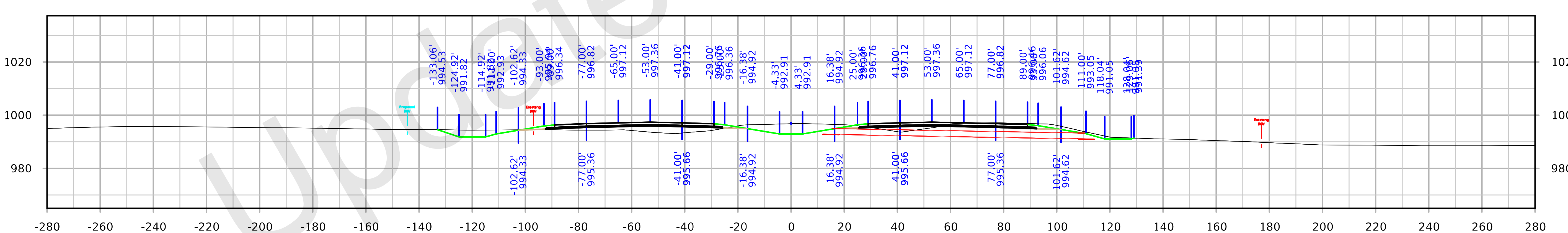
7:40:41 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1840+00.00

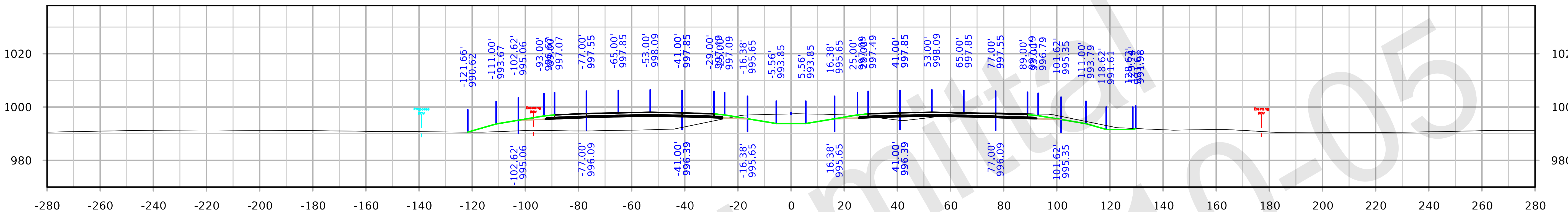


STA. 1839+00.00

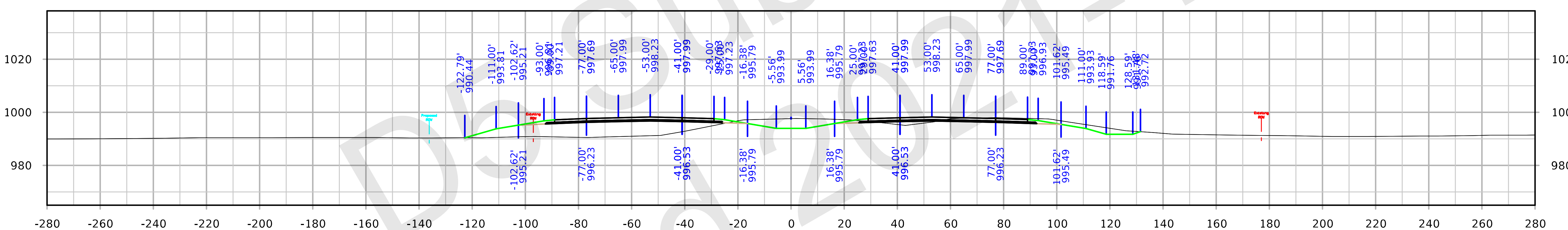


STA. 1838+00.00

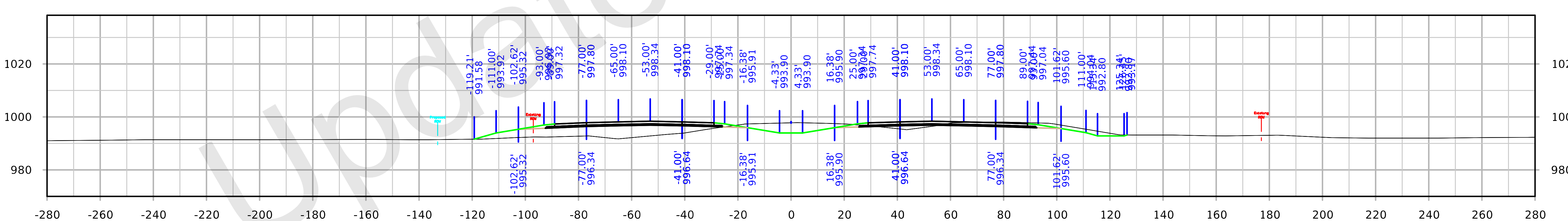
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.40



STA. 1843+00.00

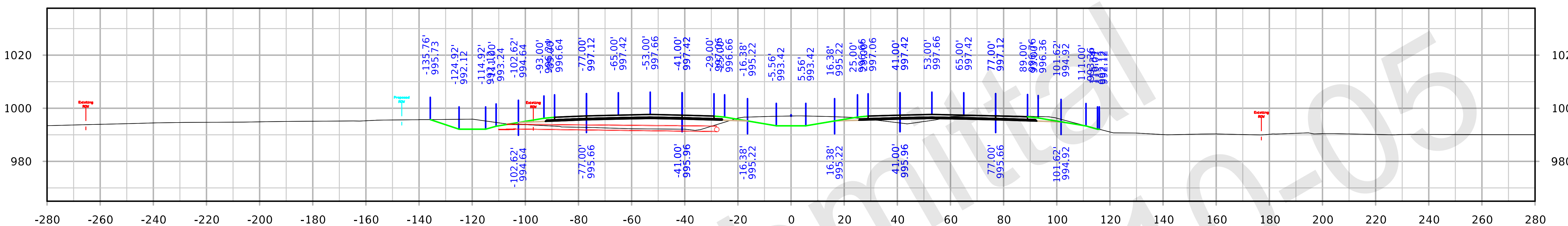


STA. 1842+00.00

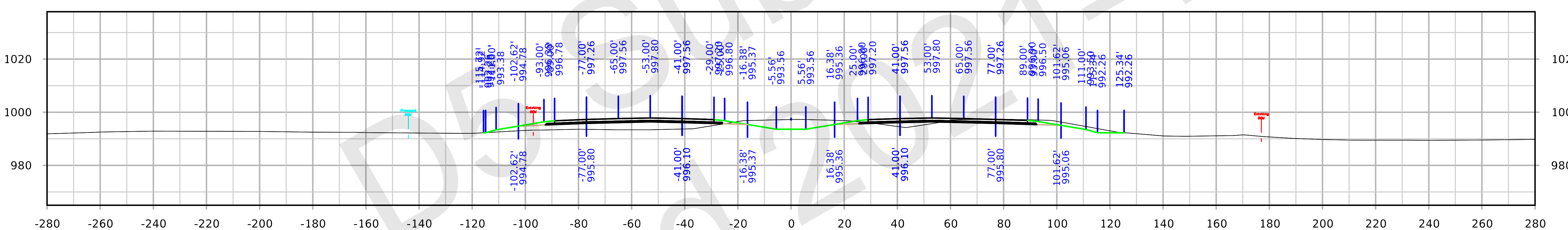


STA. 1841+00.00

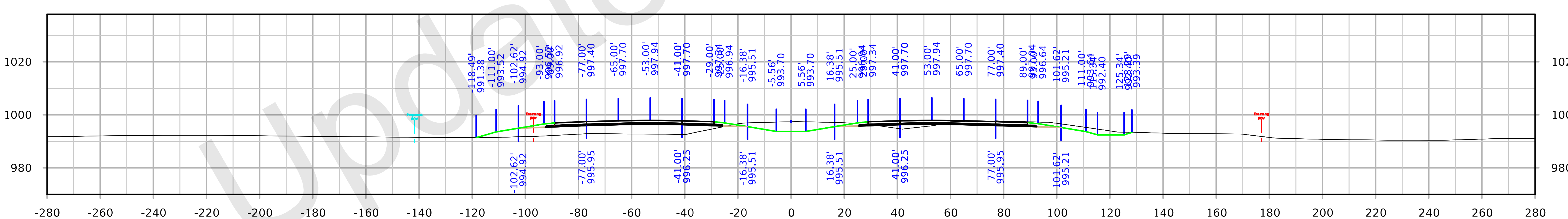
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.41



STA. 1846+00.00

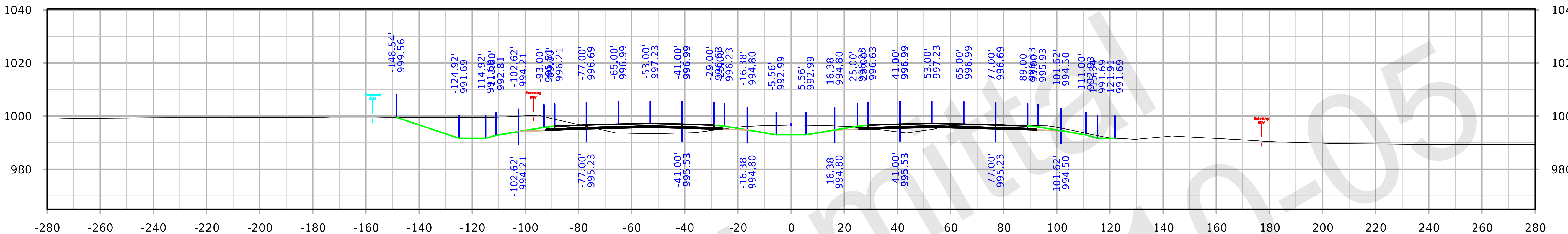


STA. 1845+00.00

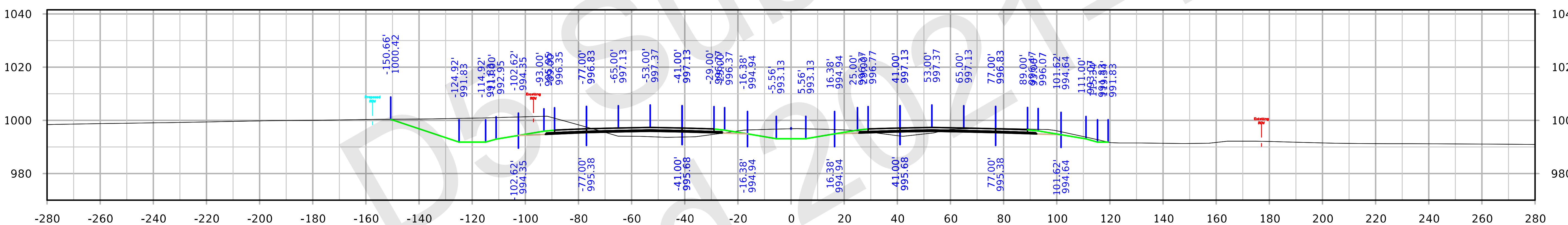


STA. 1844+00.00

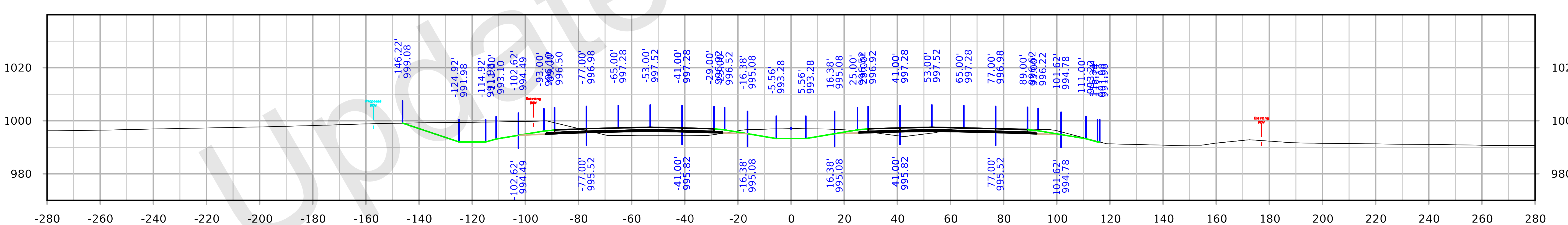
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.42



STA. 1849+00.00



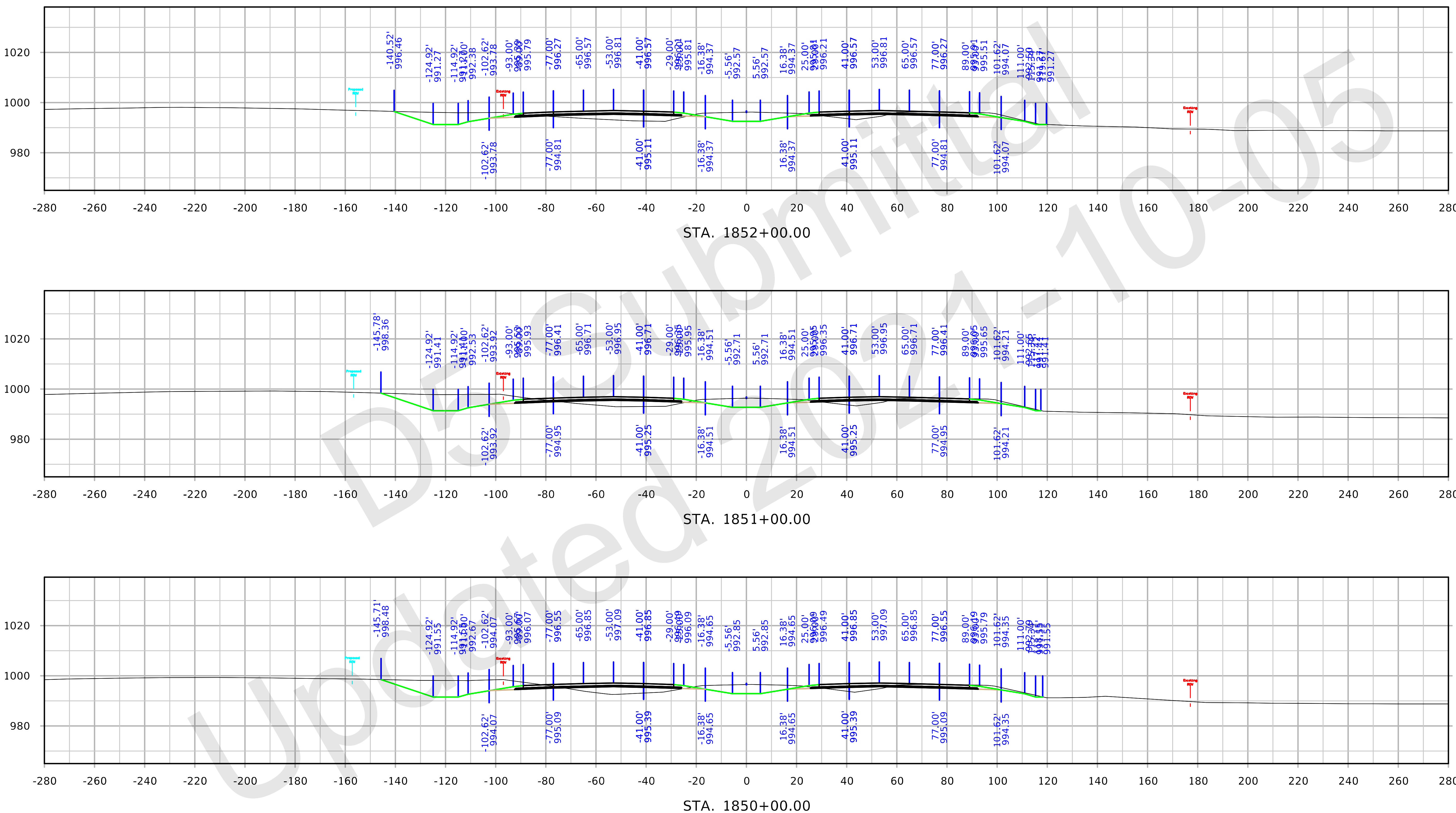
STA. 1848+00.00



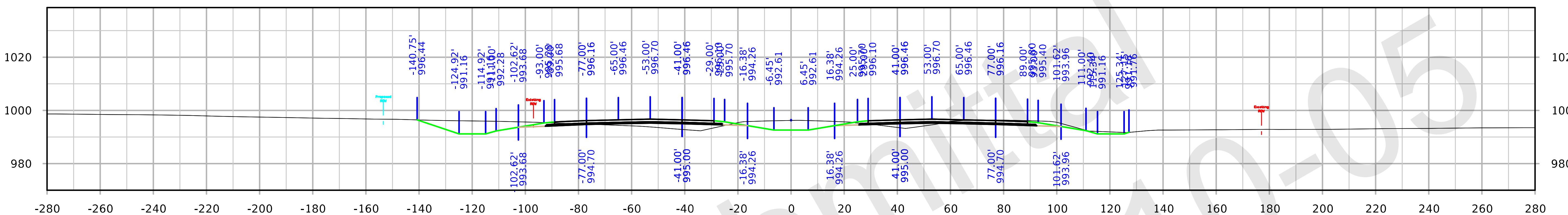
STA. 1847+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.43

7:45:40 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER W.44



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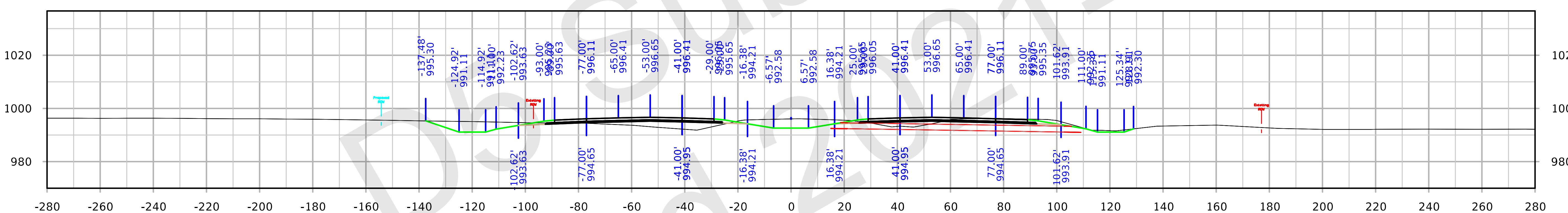
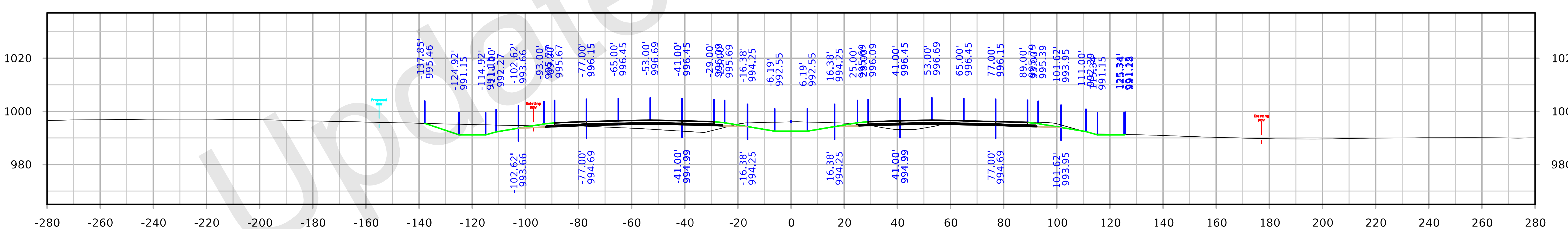
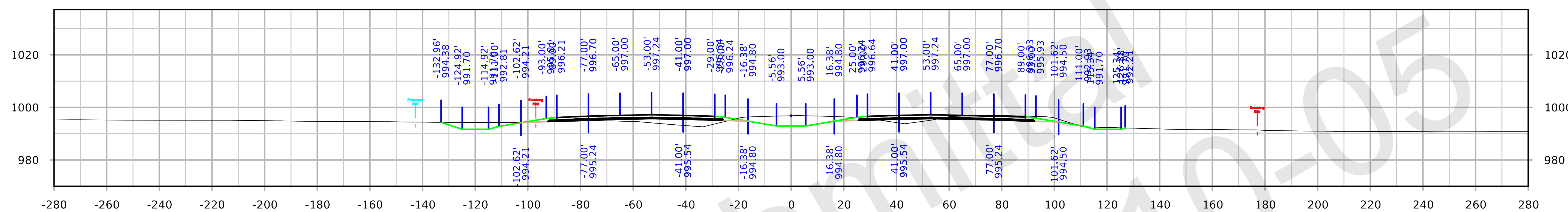


STA. 1854+00.00

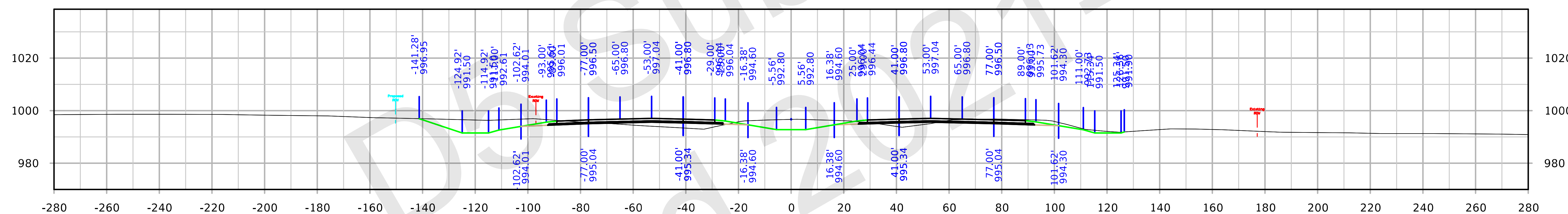


STA. 1853+00.00

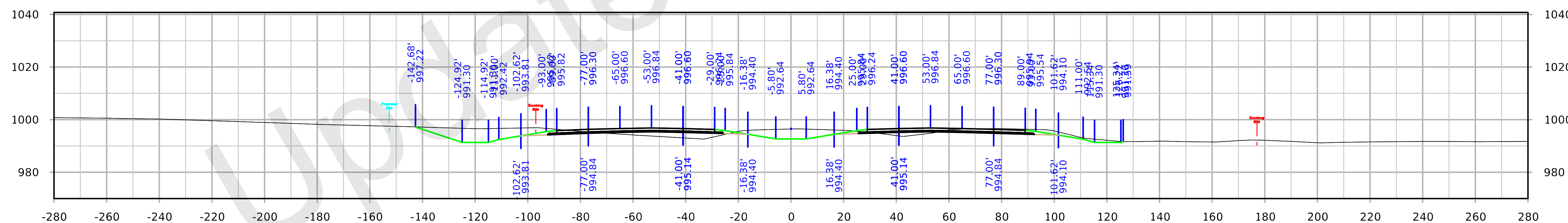
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.45



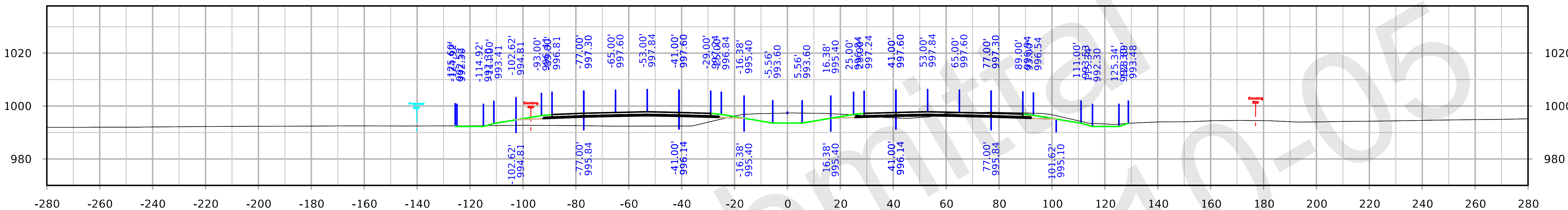
STA. 1858+00.00



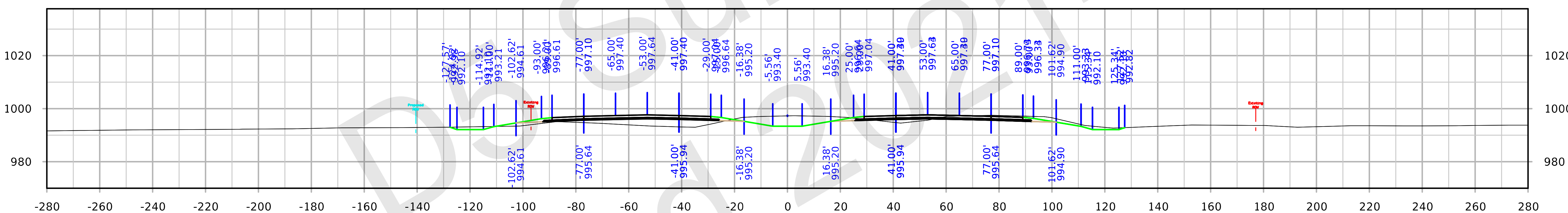
STA. 1857+00.00



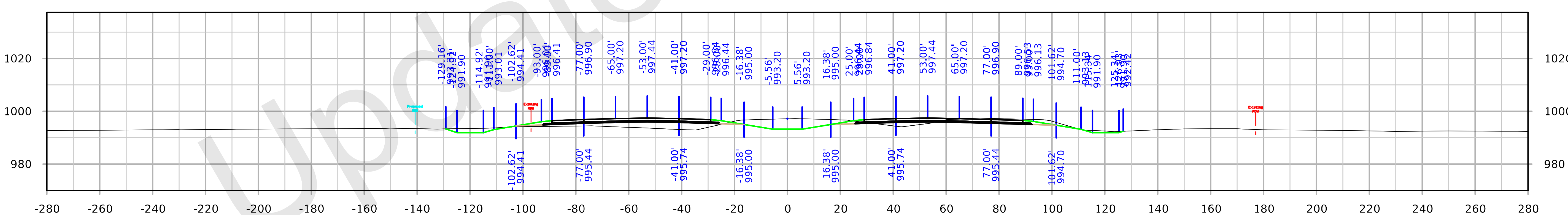
STA. 1856+00.00



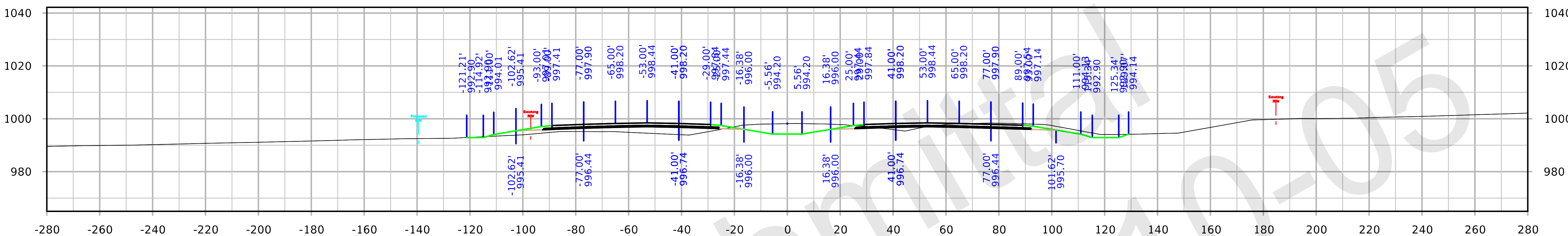
STA. 1861+00.00



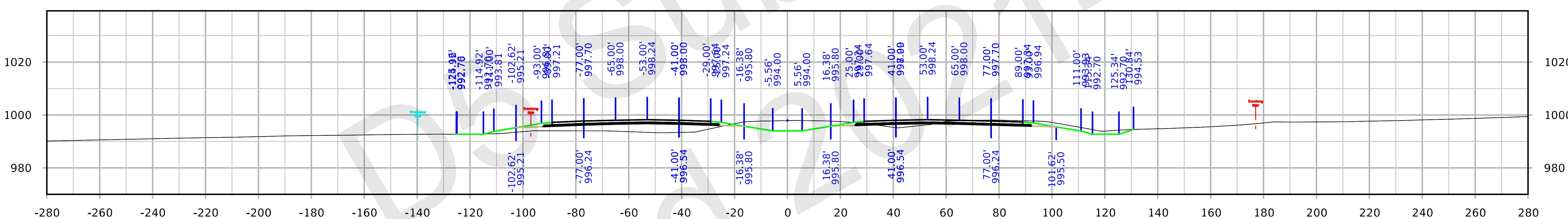
STA. 1860+00.00



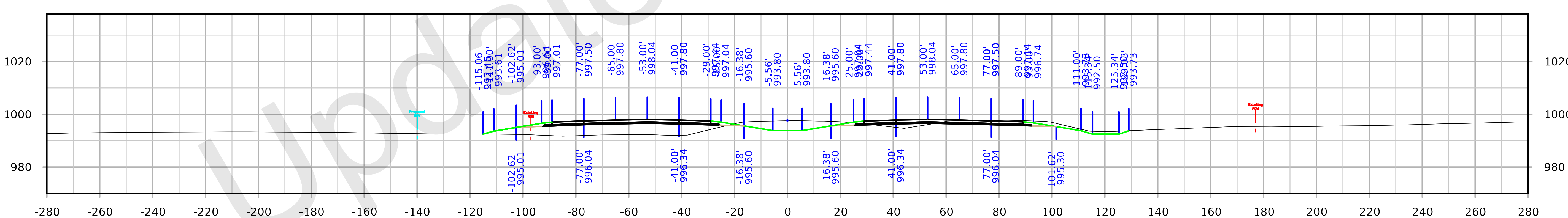
STA. 1859+00.00



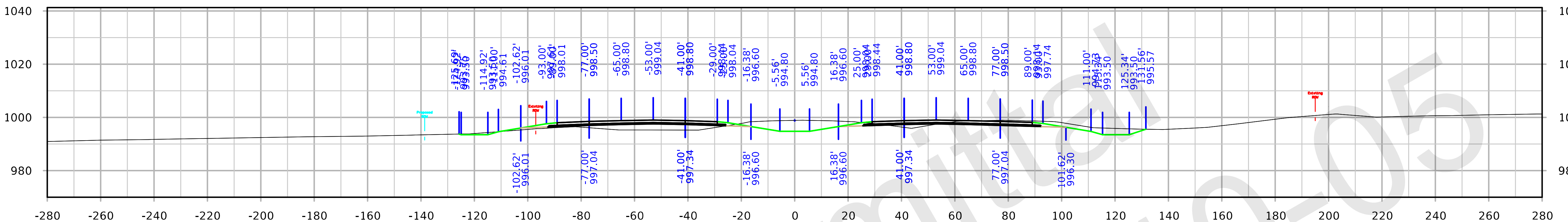
STA. 1864+00.00



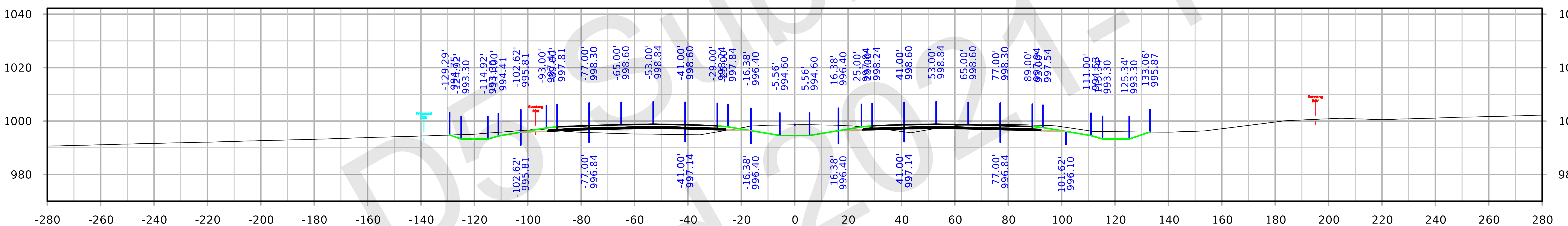
STA. 1863+00.00



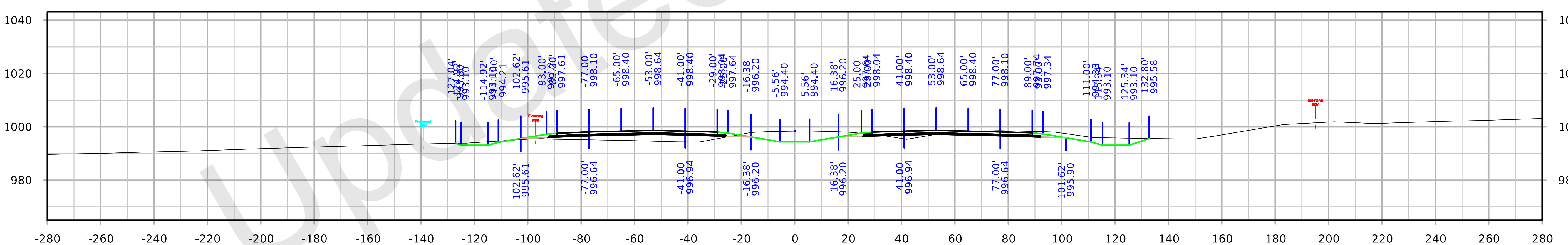
STA. 1862+00.00



STA. 1867+00.00

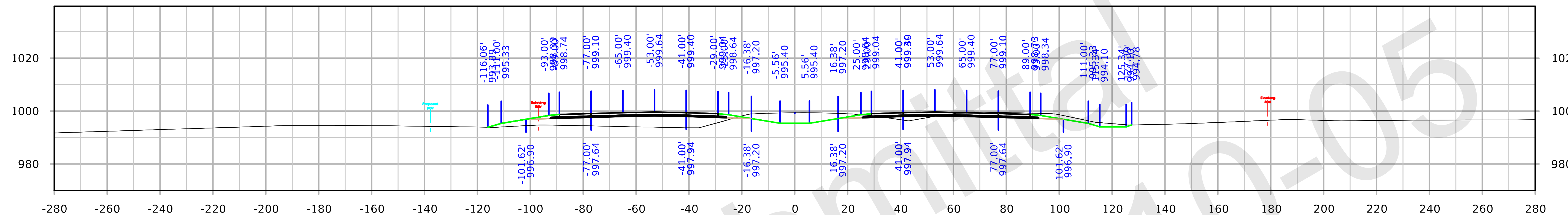


STA. 1866+00.00

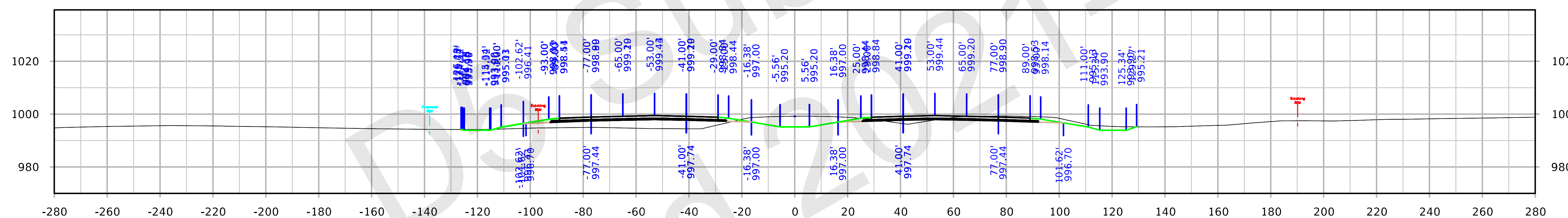


STA. 1865+00.00

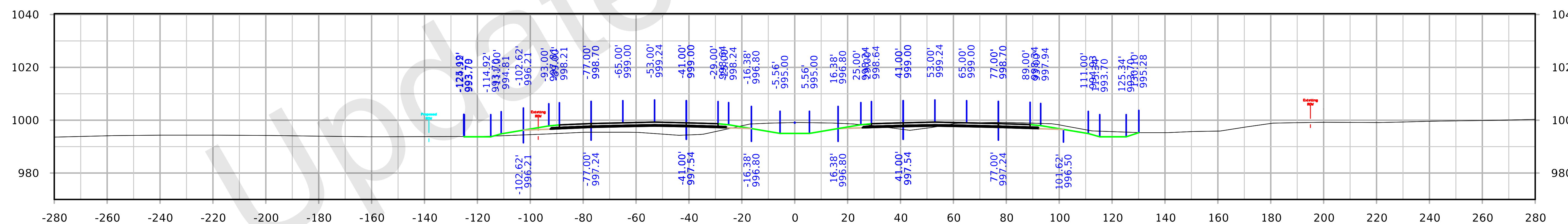
I-35



STA. 1870+00.00

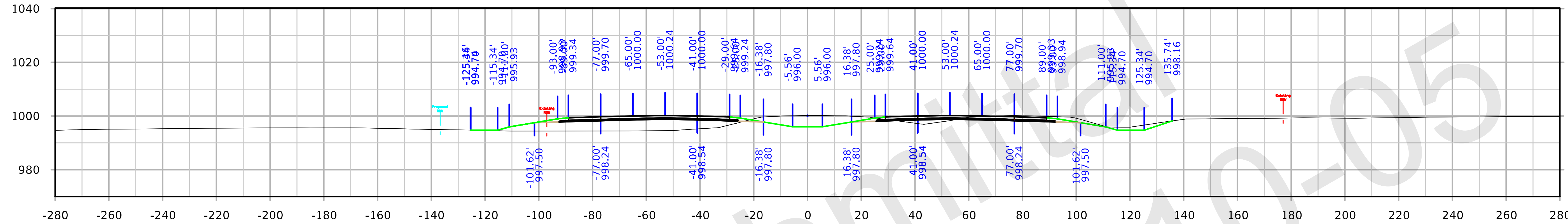


STA. 1869+00.00

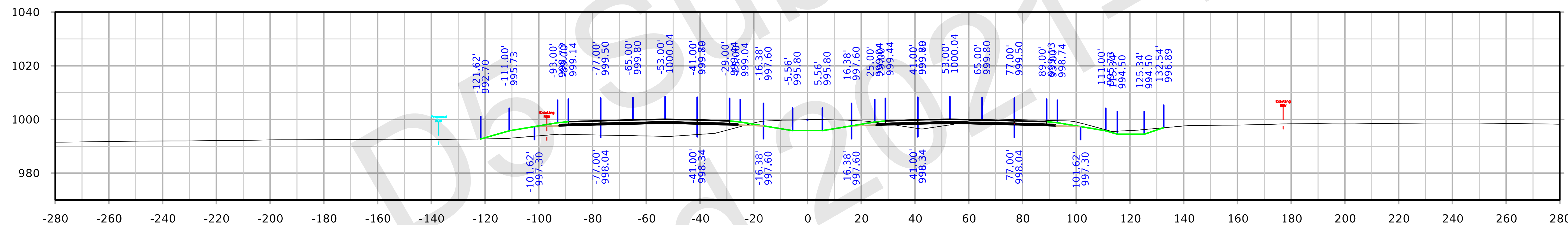


STA. 1868+00.00

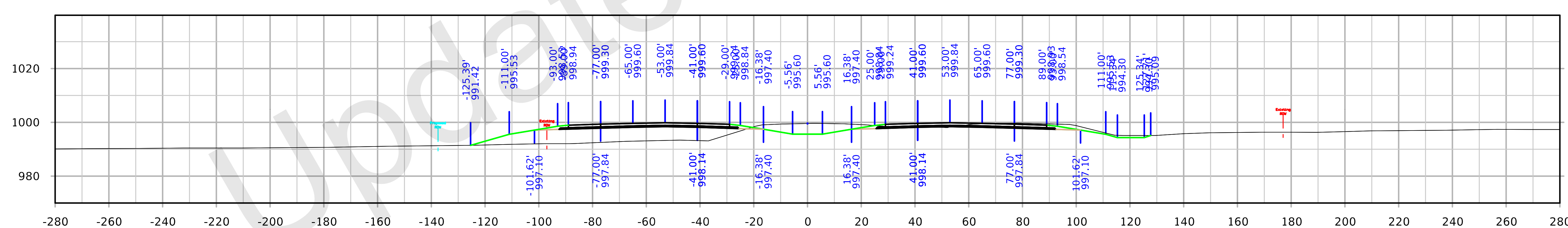
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.50



STA. 1873+00.00

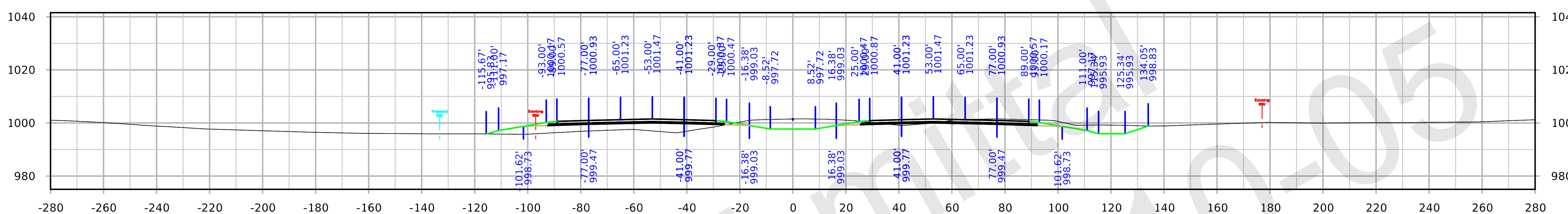


STA. 1872+00.00

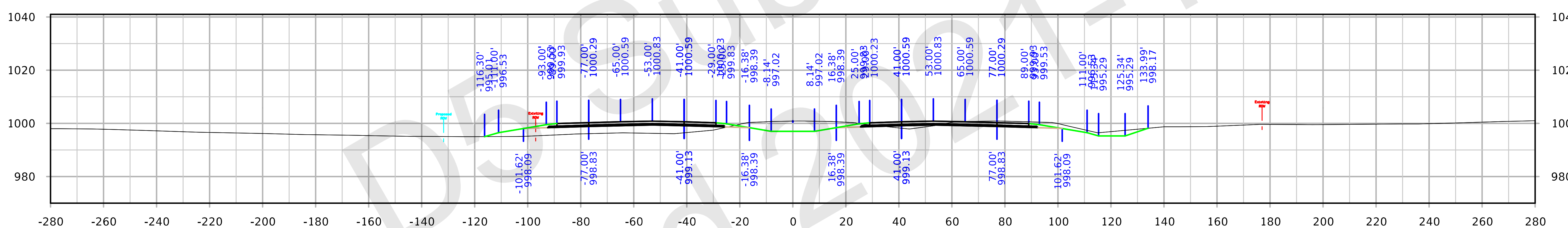


STA. 1871+00.00

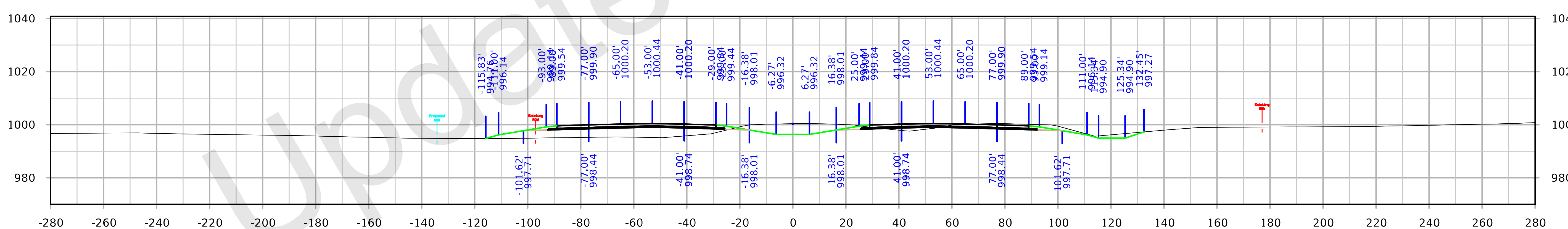
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.51



STA. 1876+00.00

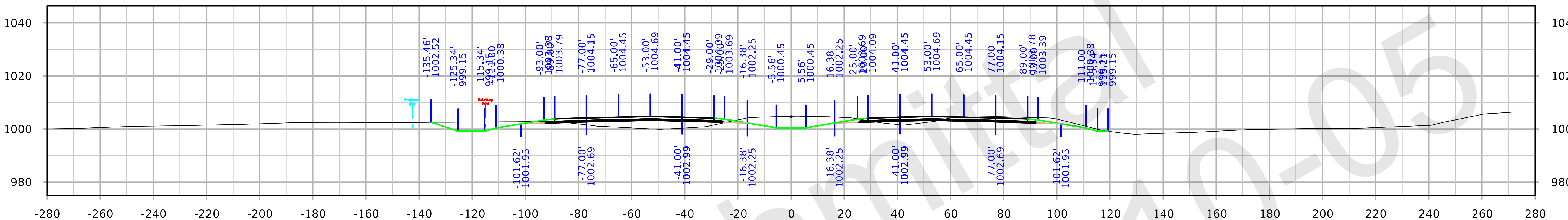


STA. 1875+00.00

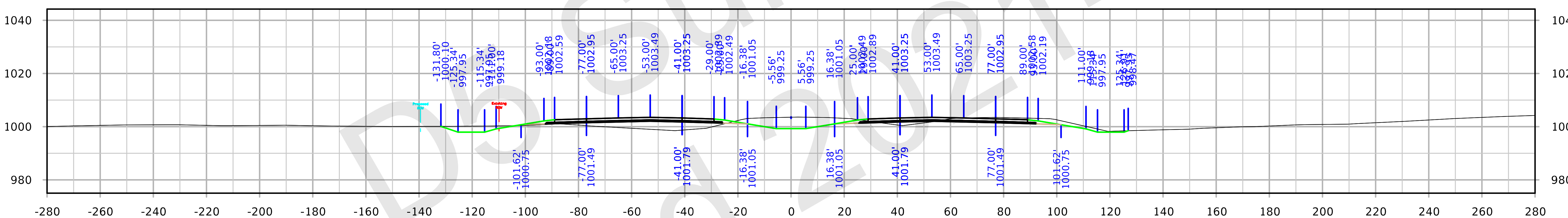


STA. 1874+00.00

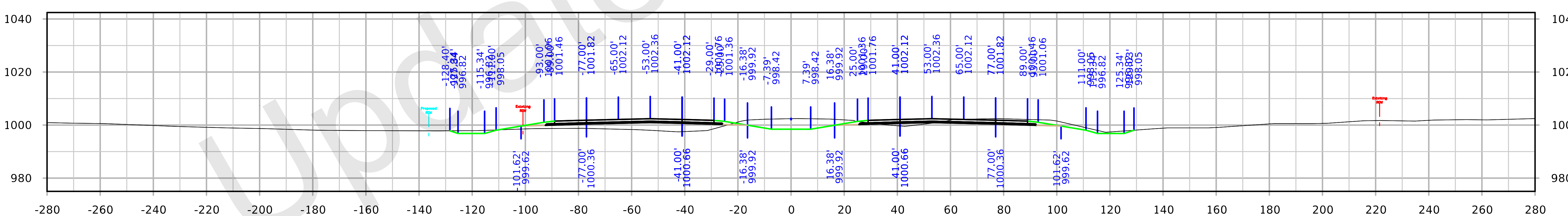
I-35



STA. 1879+00.00



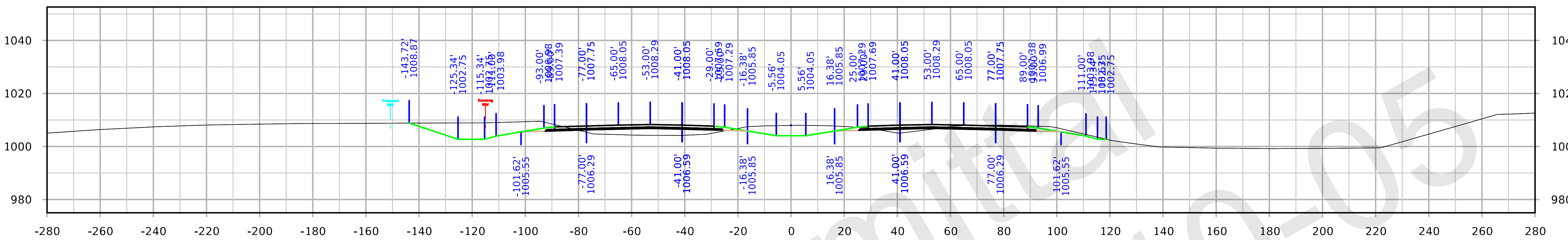
STA. 1878+00.00



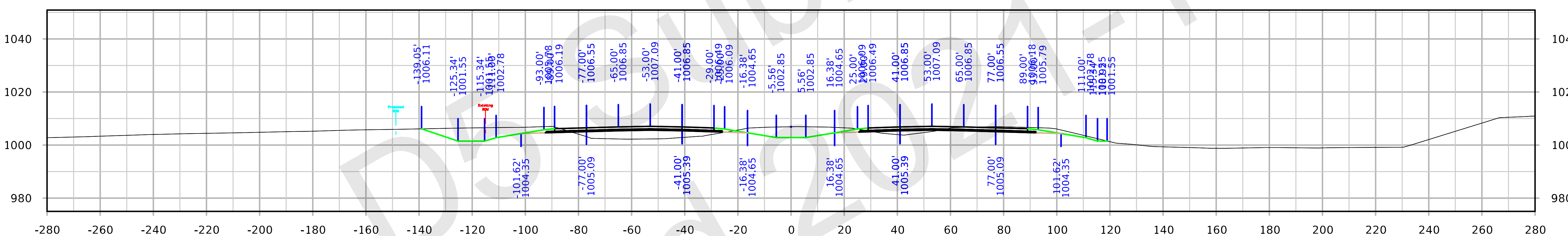
STA. 1877+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.53

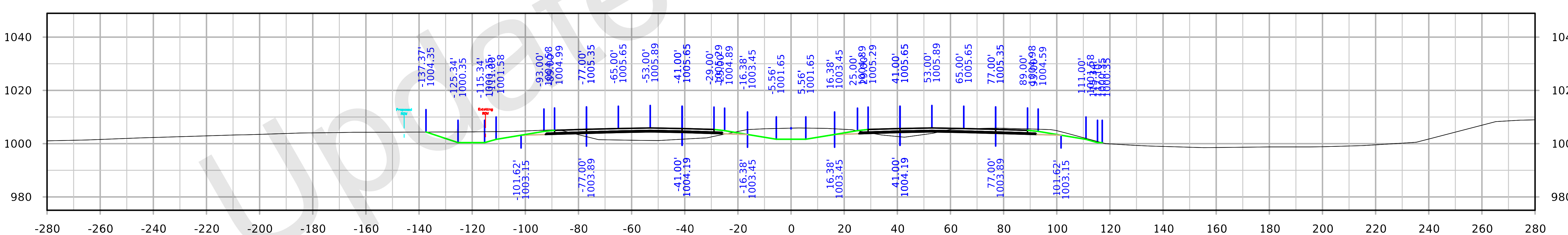
7:57:27 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1882+00.00

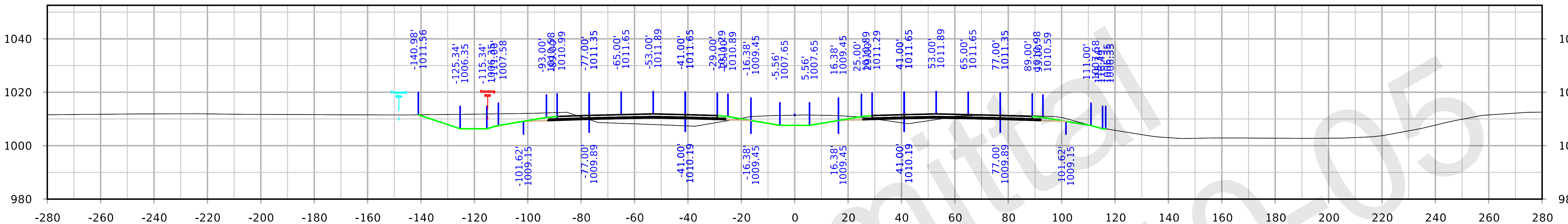


STA. 1881+00.00

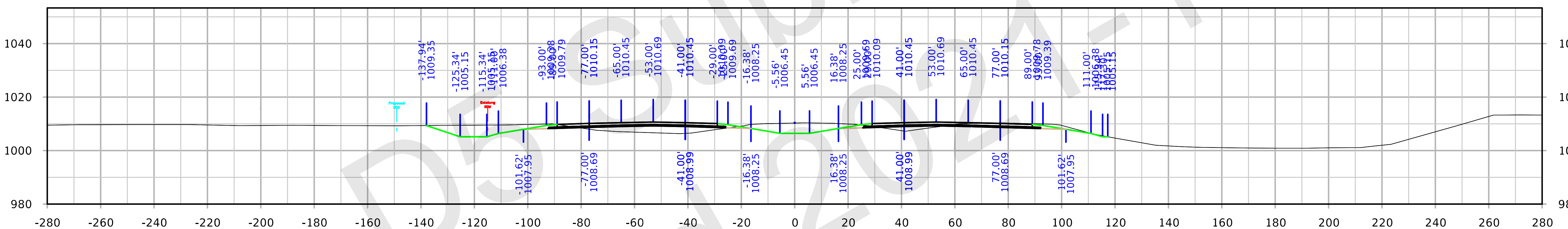


STA. 1880+00.00

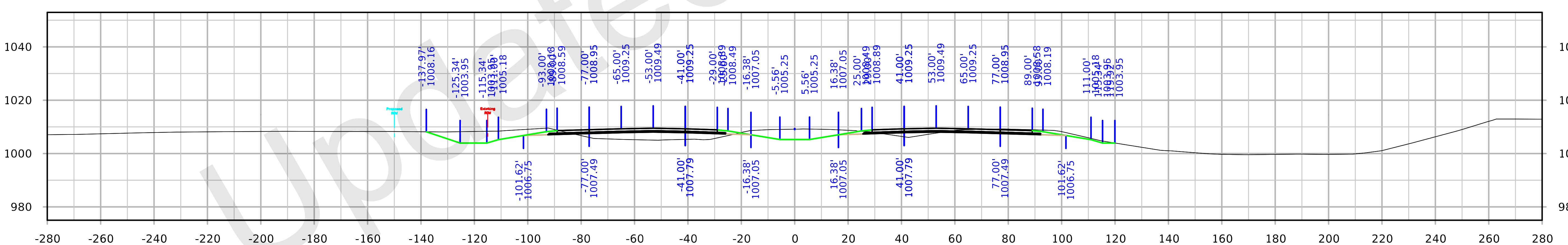
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.54



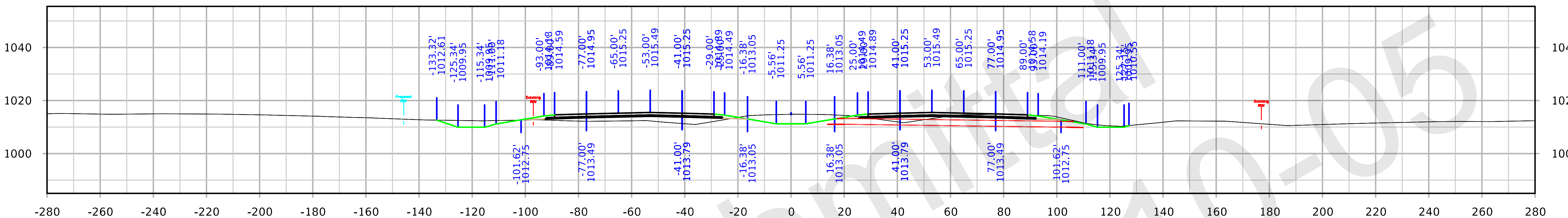
STA. 1885+00.00



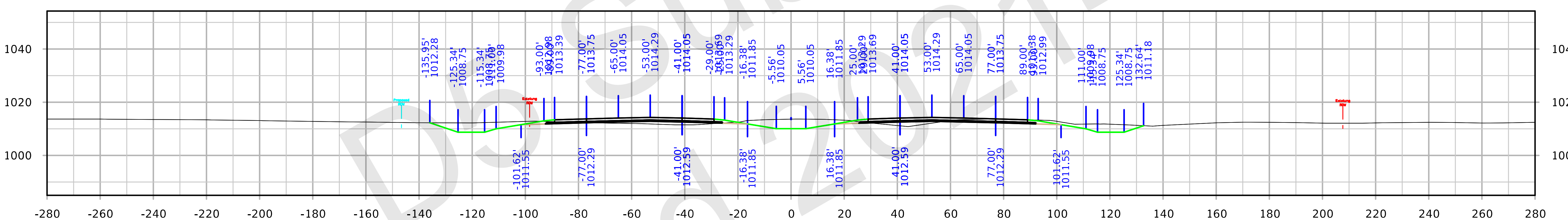
STA. 1884+00.00



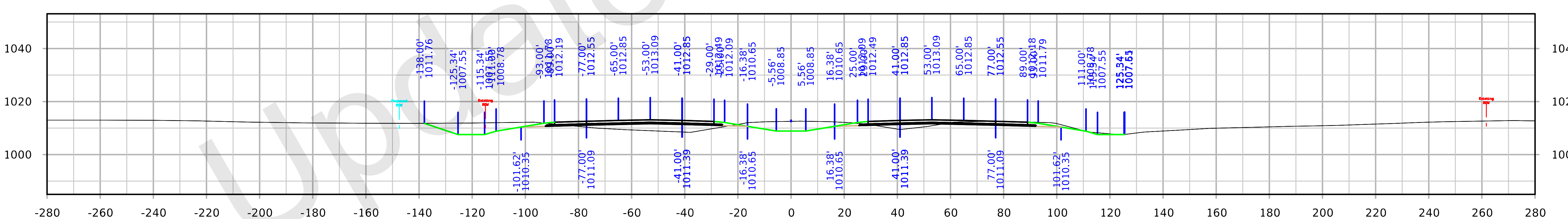
STA. 1883+00.00



STA. 1888+00.00

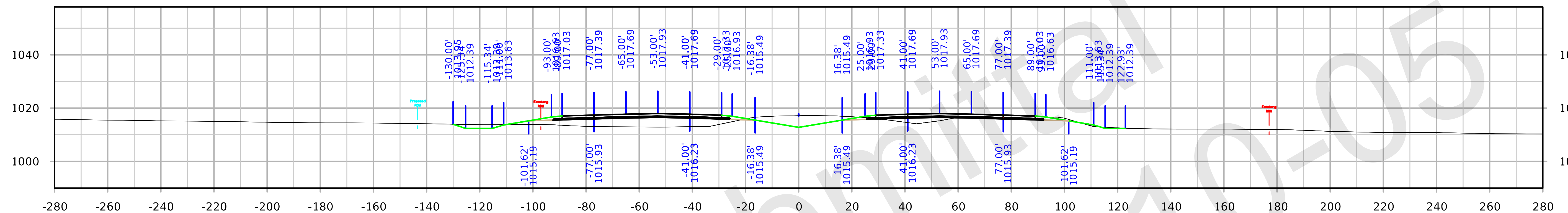


STA. 1887+00.00

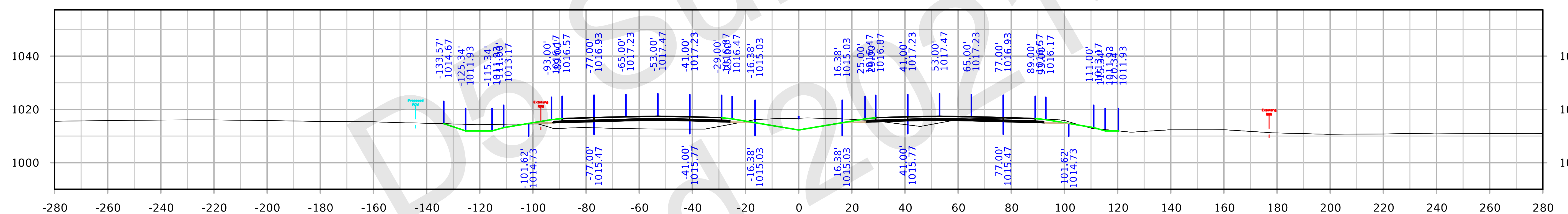


STA. 1886+00.00

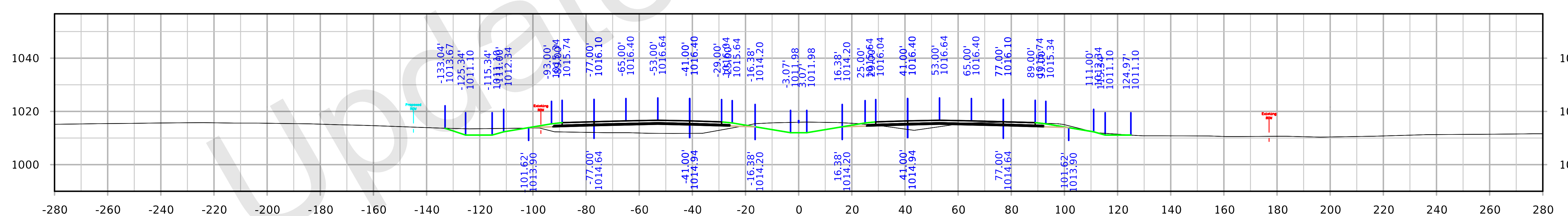
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.56



STA. 1891+00.00

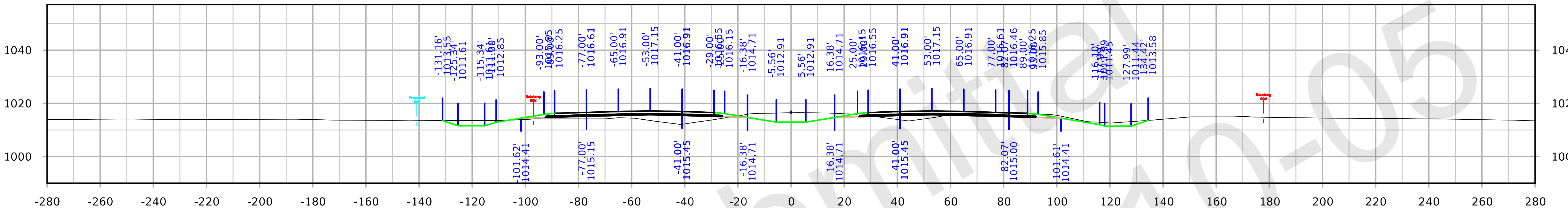


STA. 1890+00.00

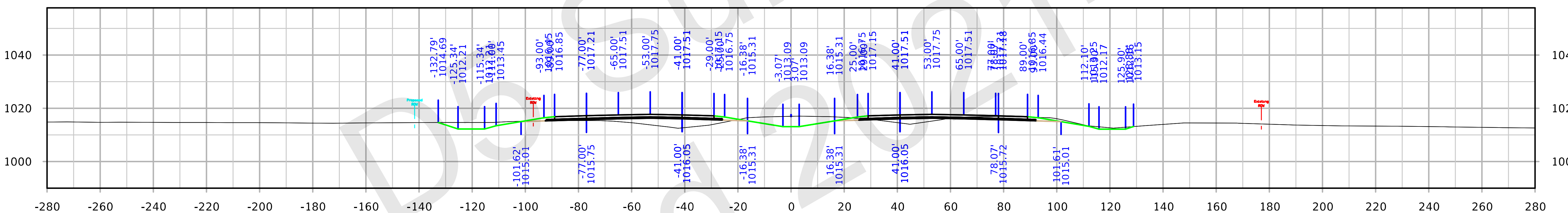


STA. 1889+00.00

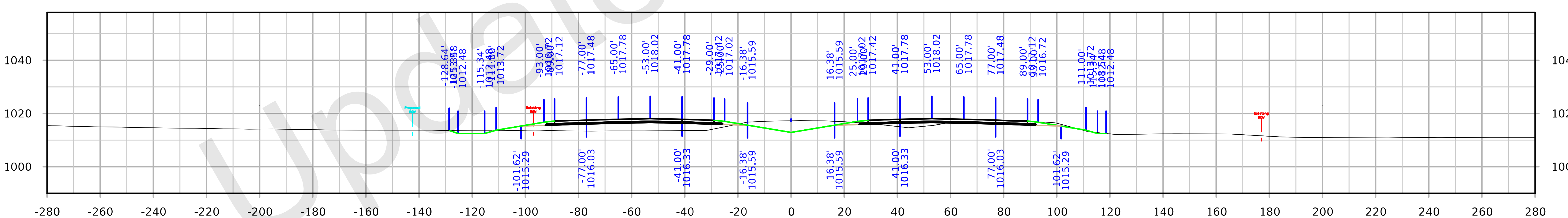
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.57



STA. 1894+00.00

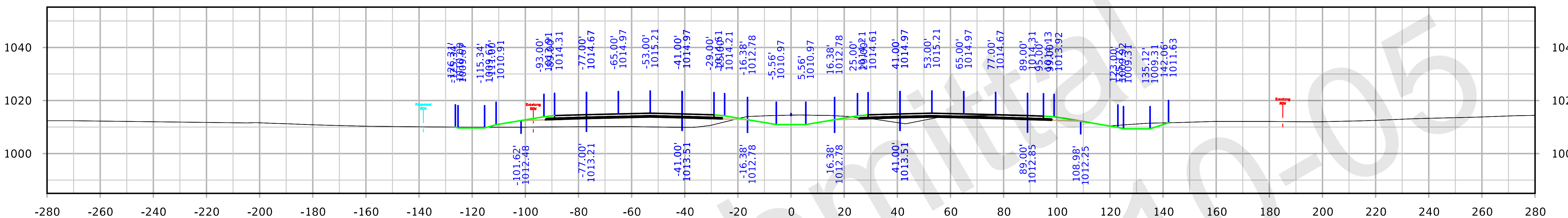


STA. 1893+00.00

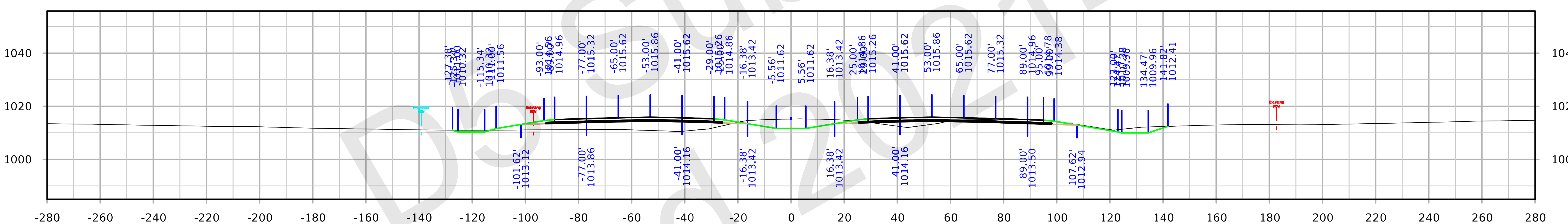


STA. 1892+00.00

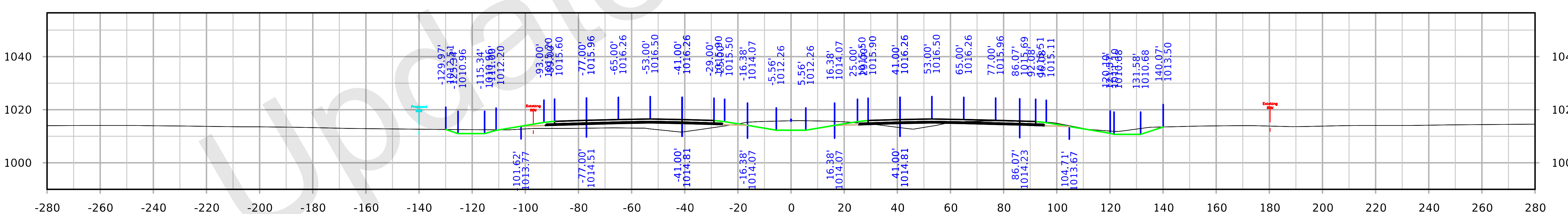
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.58



STA. 1897+00.00

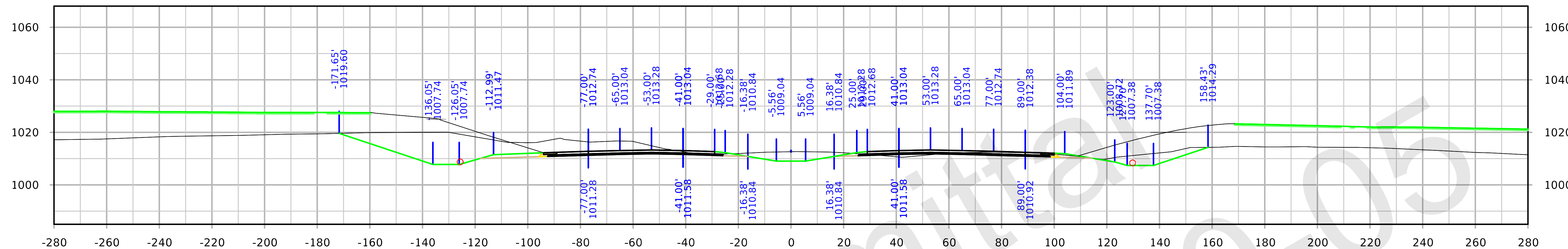


STA. 1896+00.00

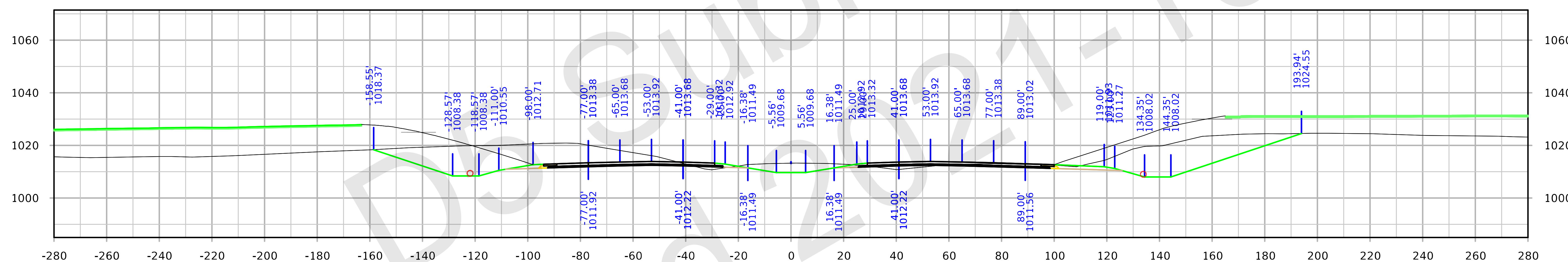


STA. 1895+00.00

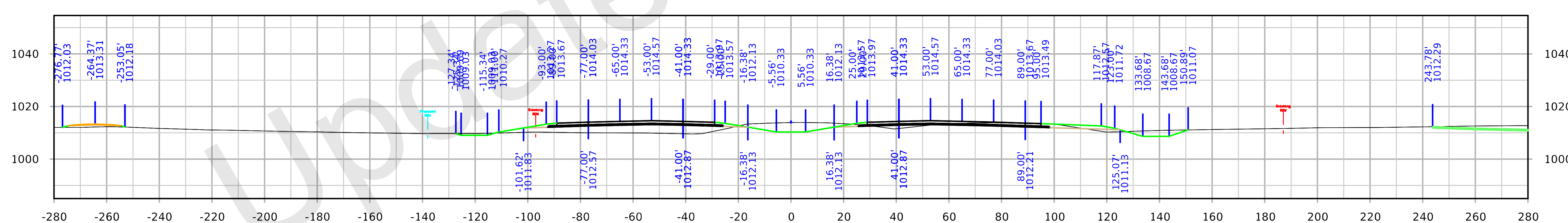
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.59



STA. 1900+00.00

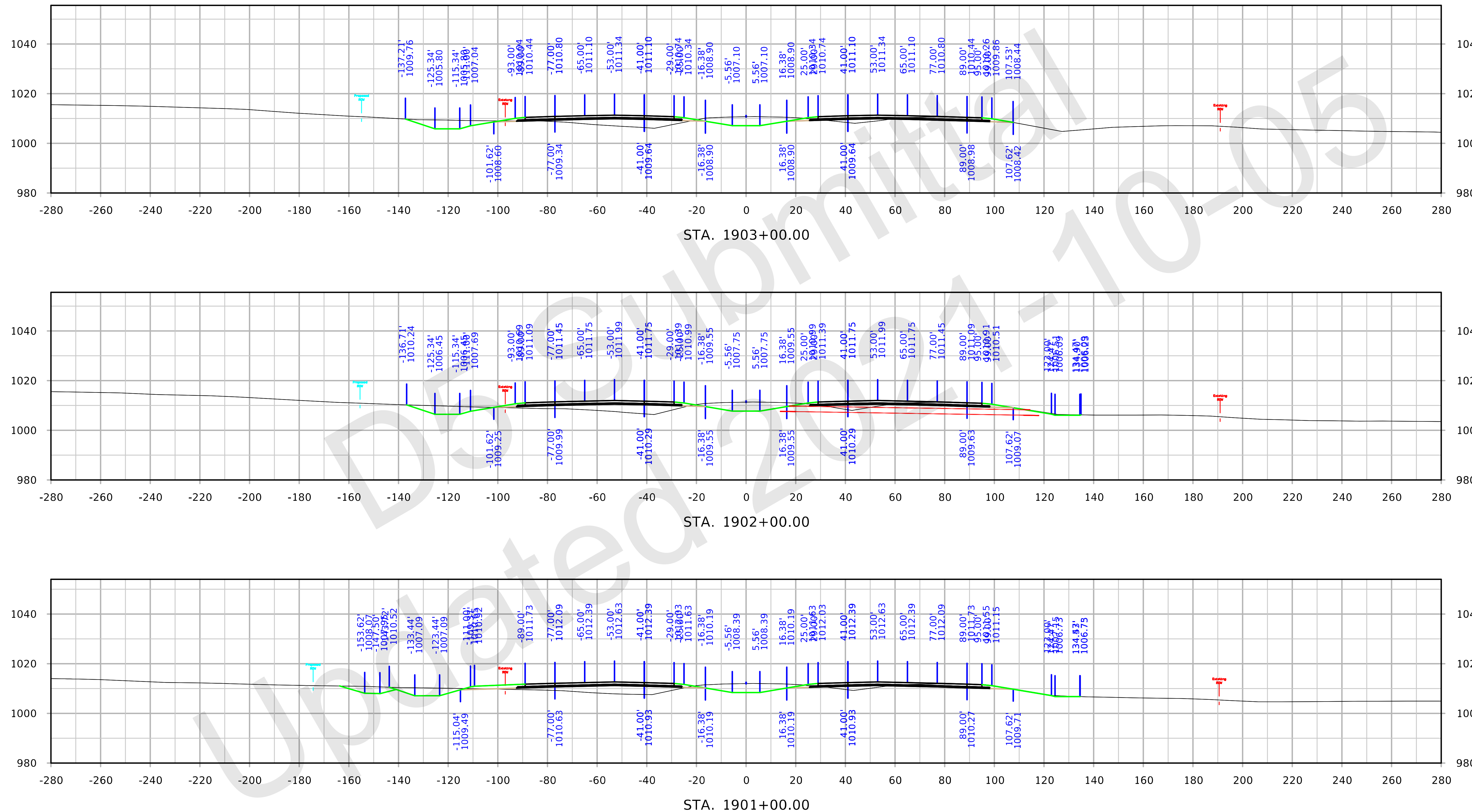


STA. 1899+00.00



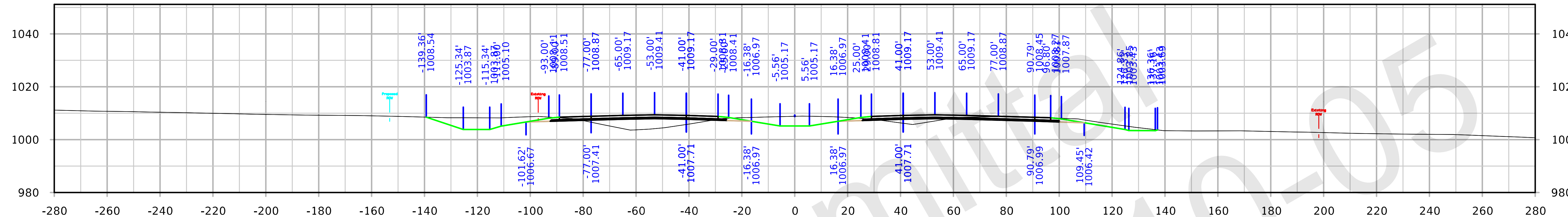
STA. 1898+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.60

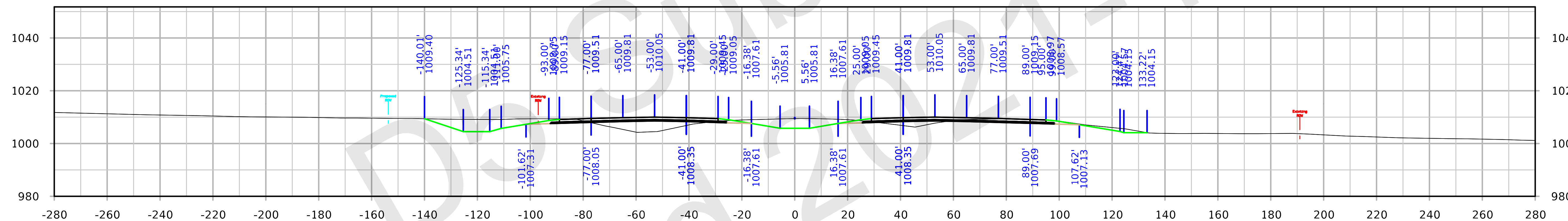


FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.61

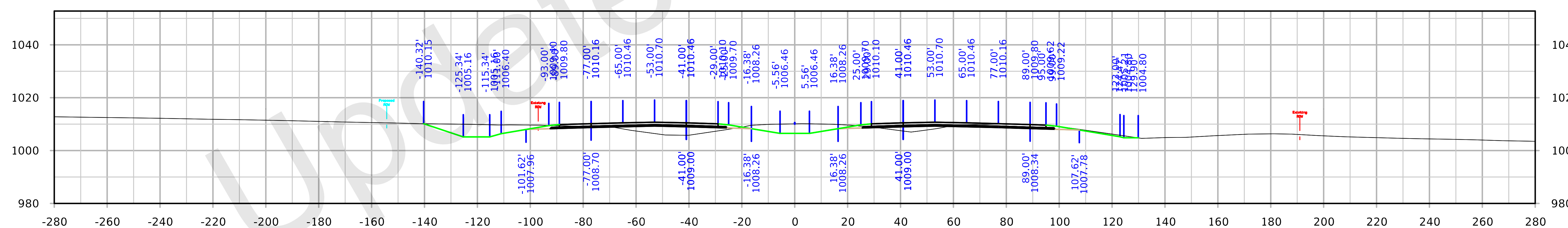
8:06:59 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1906+00.00



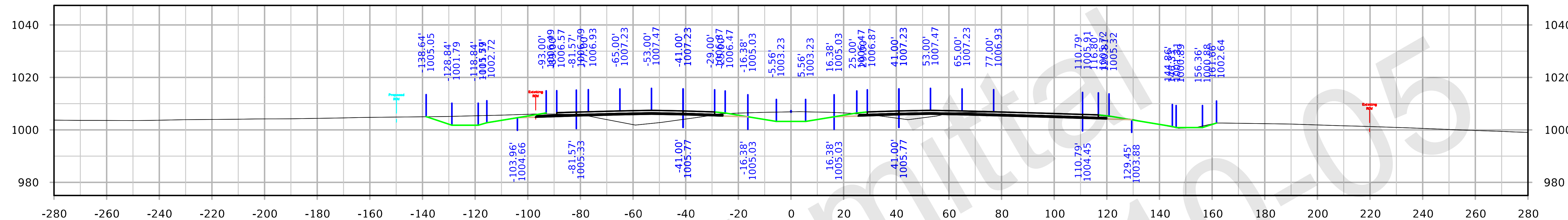
STA. 1905+00.00



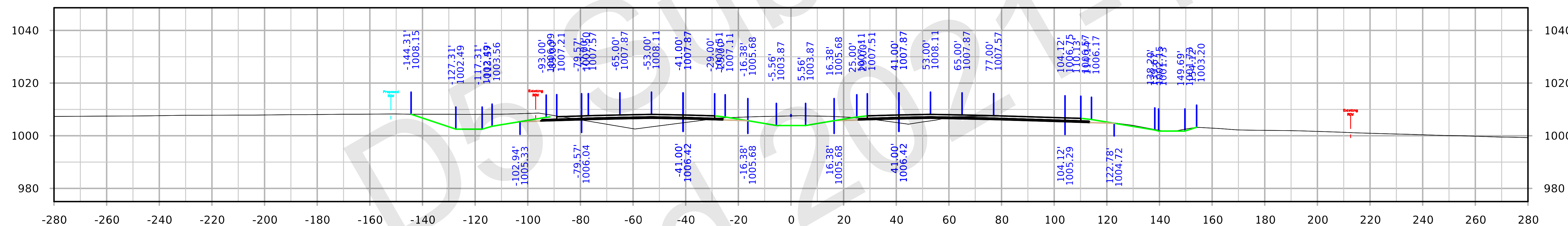
STA. 1904+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.62

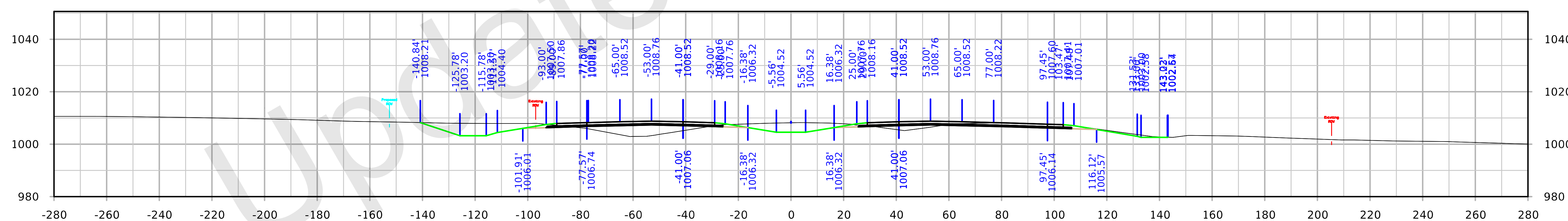
I-35



STA. 1909+00.00



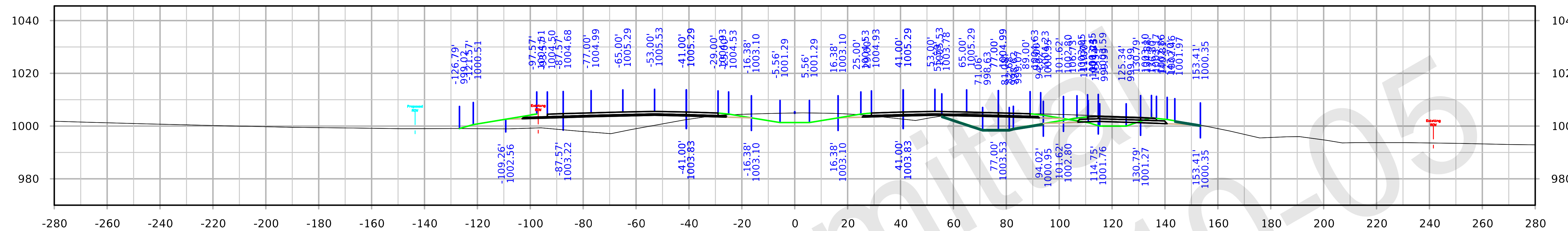
STA. 1908+00.00



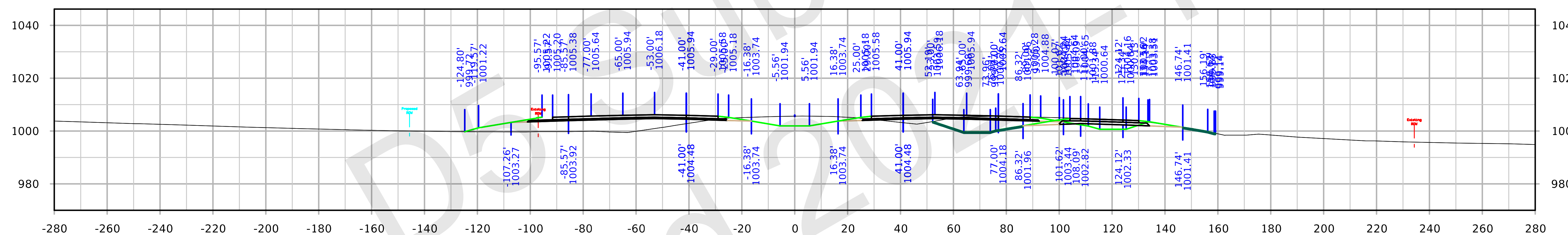
STA. 1907+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.63

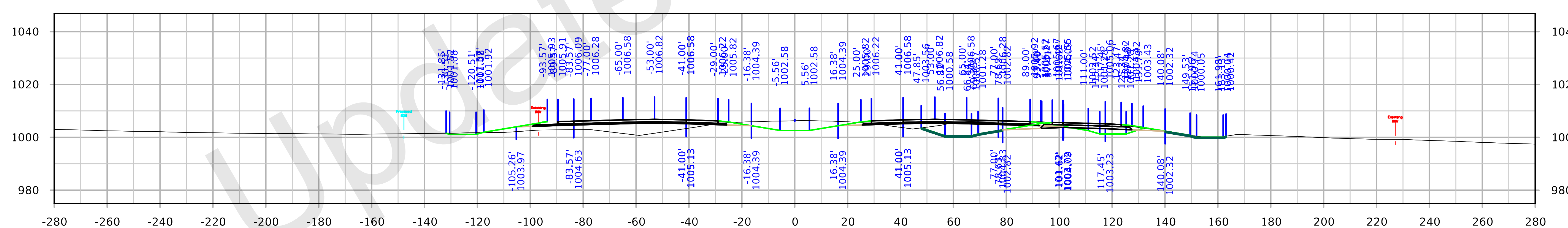
8:09:32 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1912+00.00



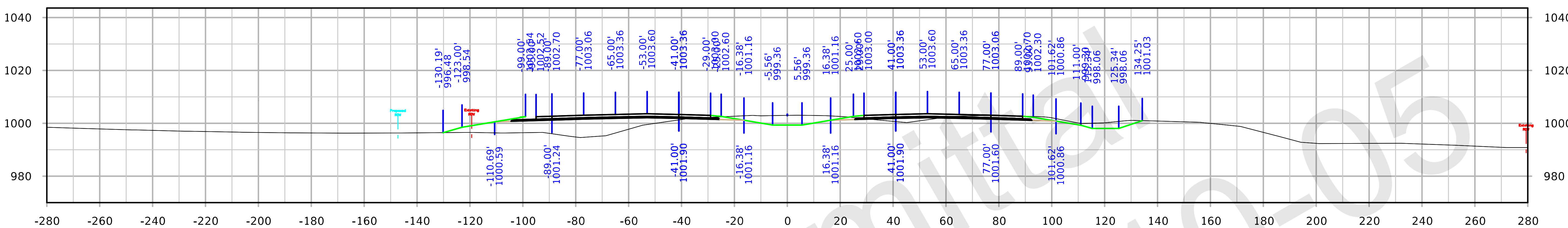
STA. 1911+00.00



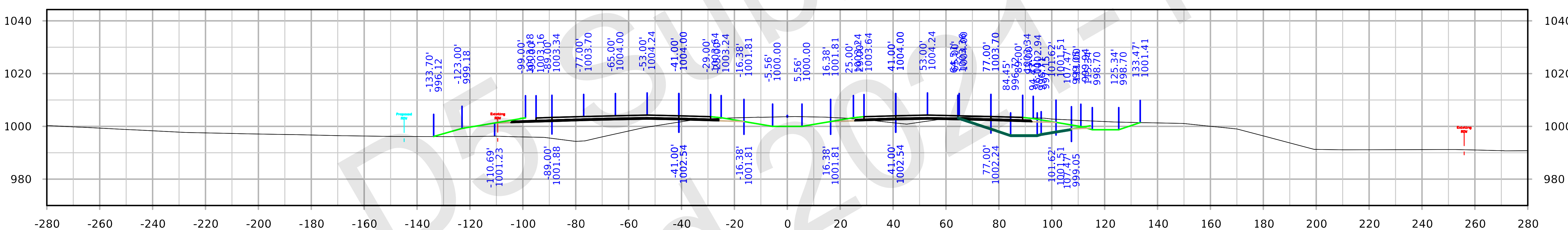
STA. 1910+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.64

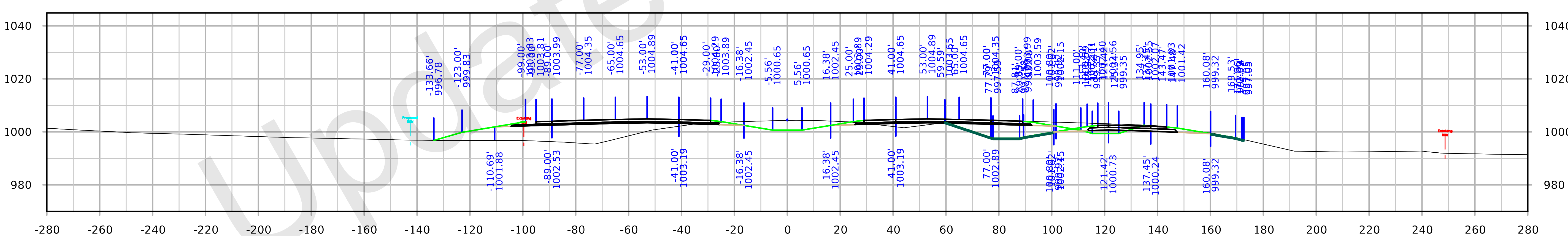
8:10:48 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1915+00.00

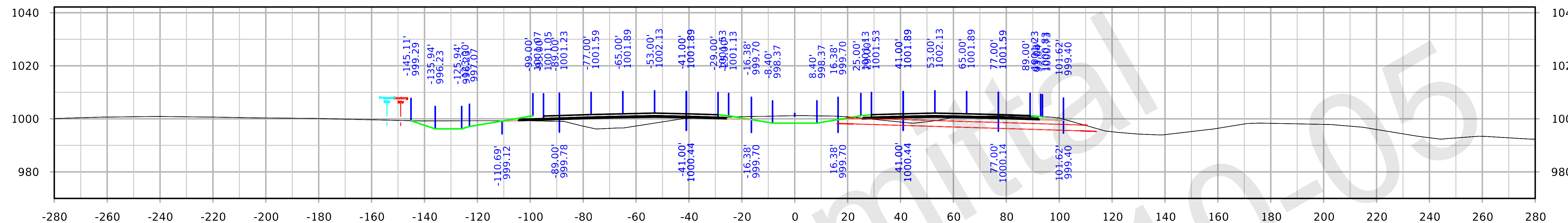


STA. 1914+00.00

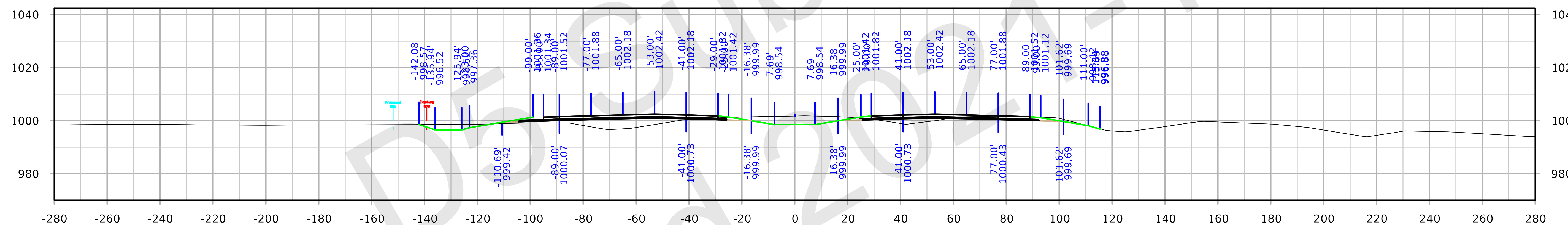


STA. 1913+00.00

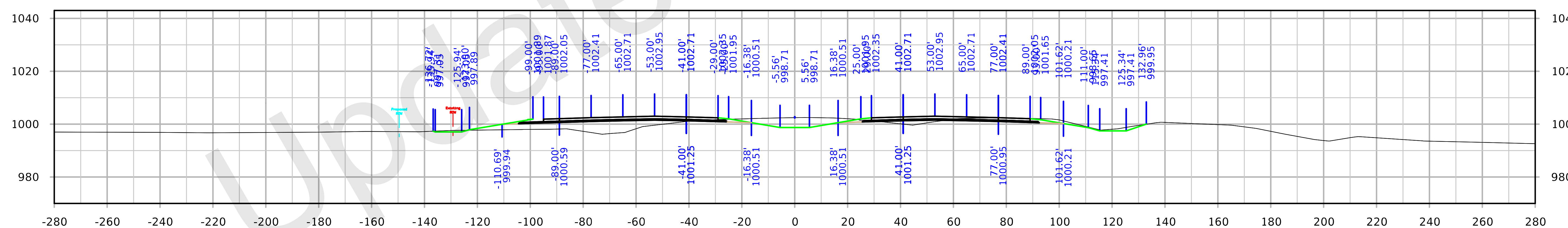
I-35



STA. 1918+00.00



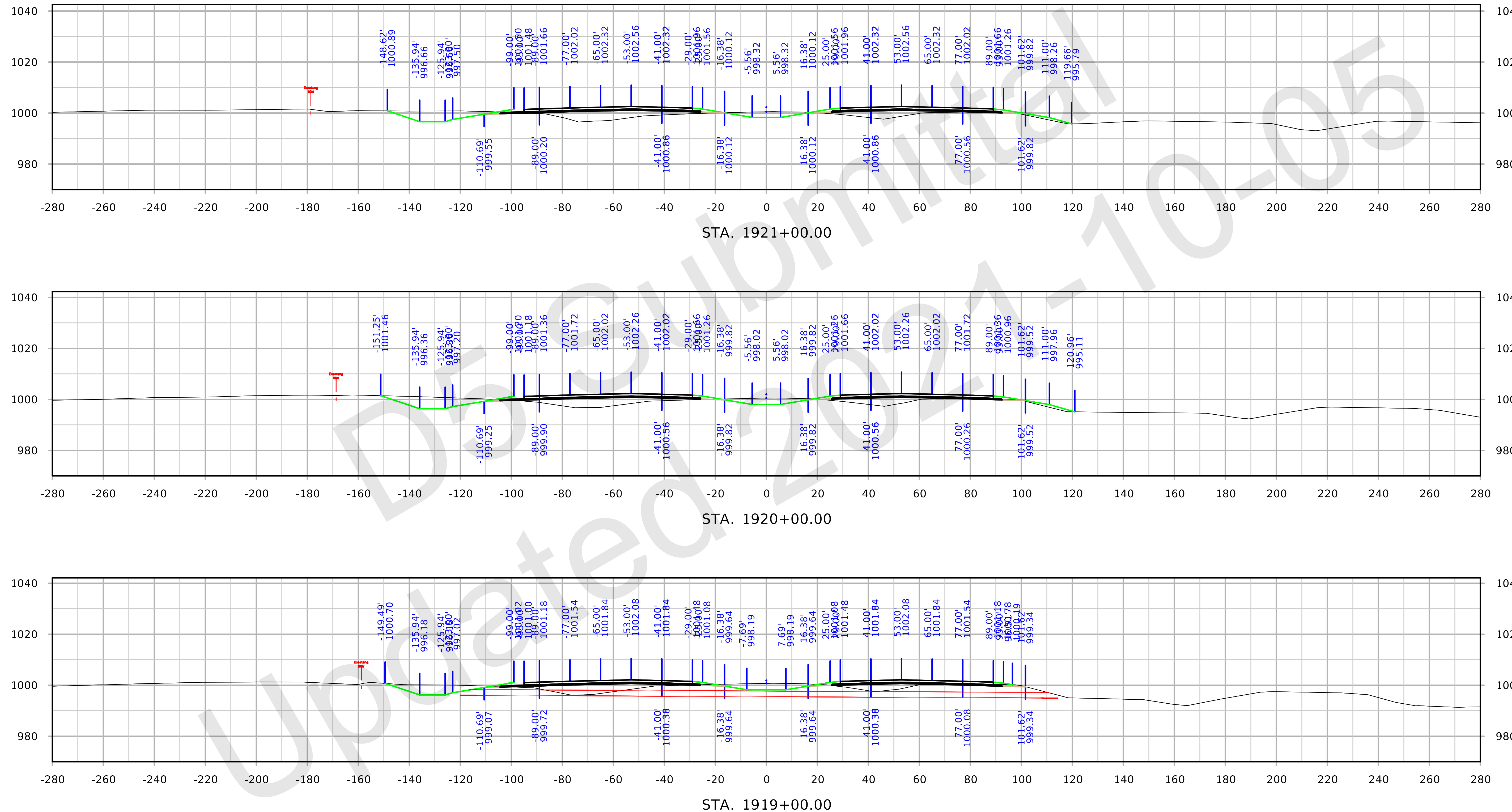
STA. 1917+00.00



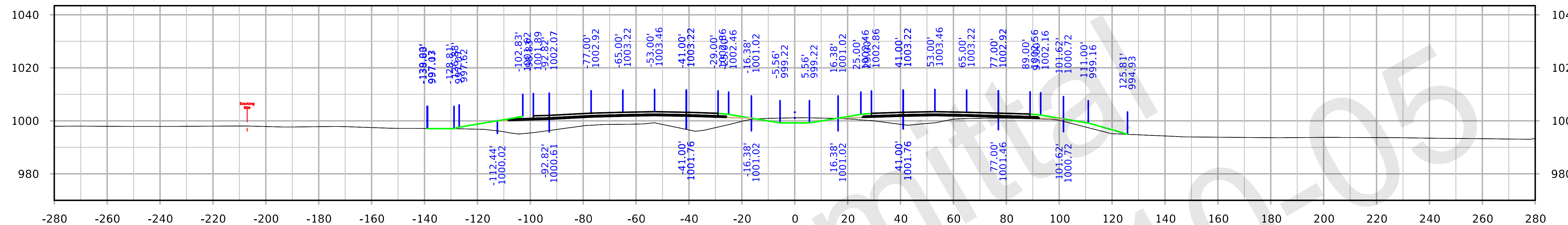
STA. 1916+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.66

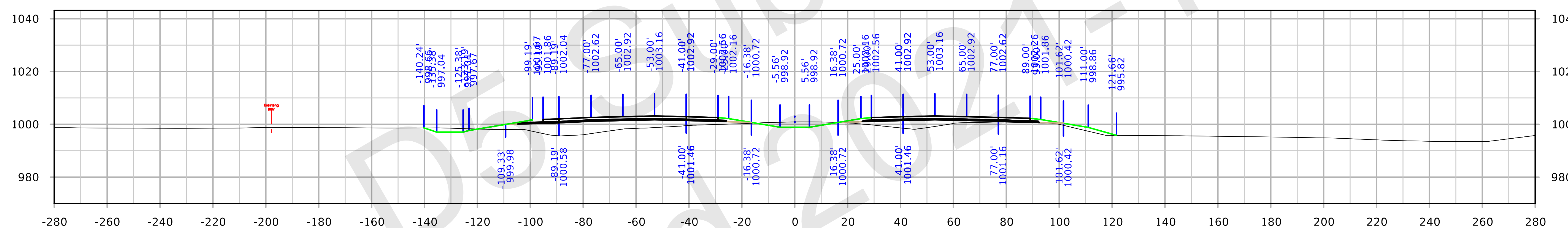
I-35



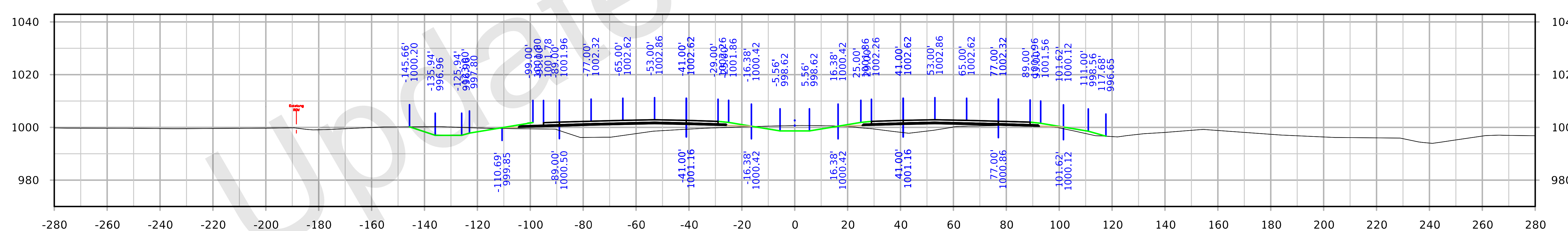
I-35



STA. 1924+00.00

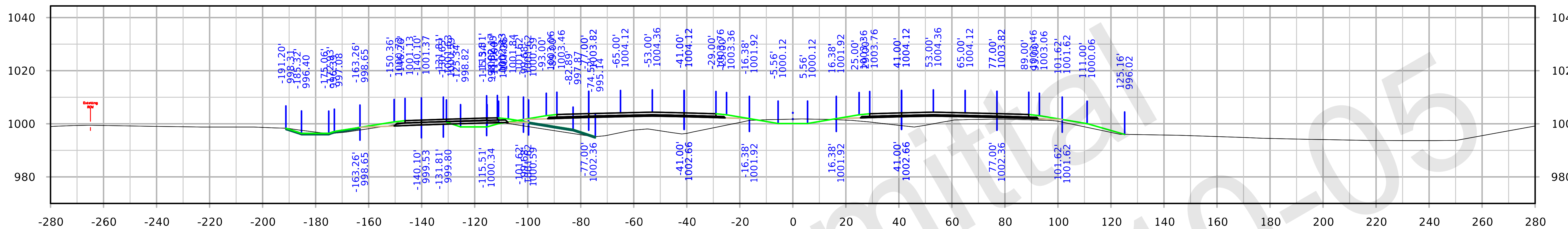


STA. 1923+00.00

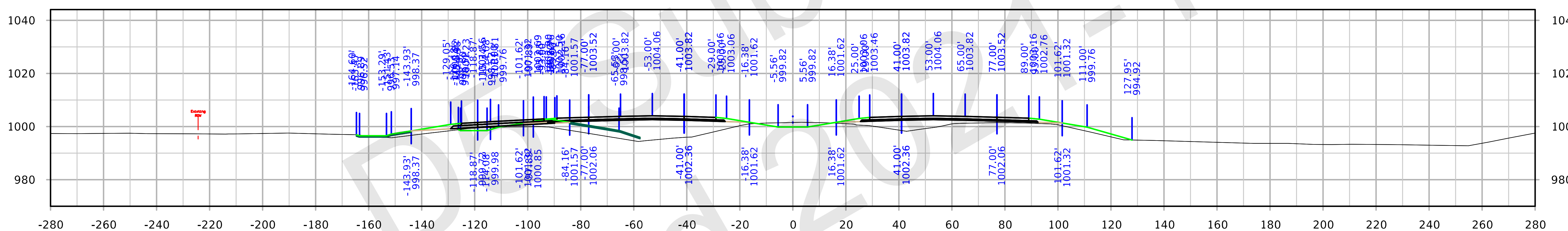


STA. 1922+00.00

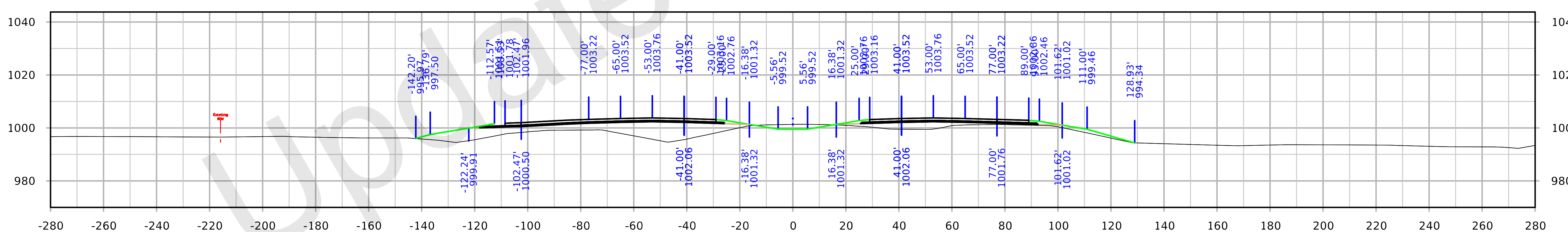
FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER W.68



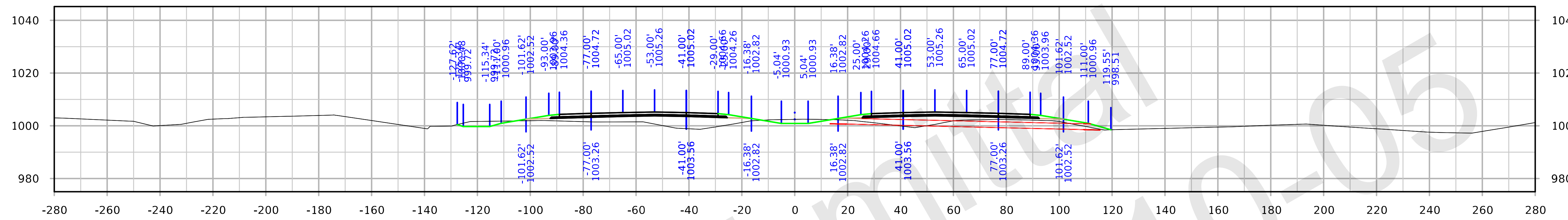
STA. 1927+00.00



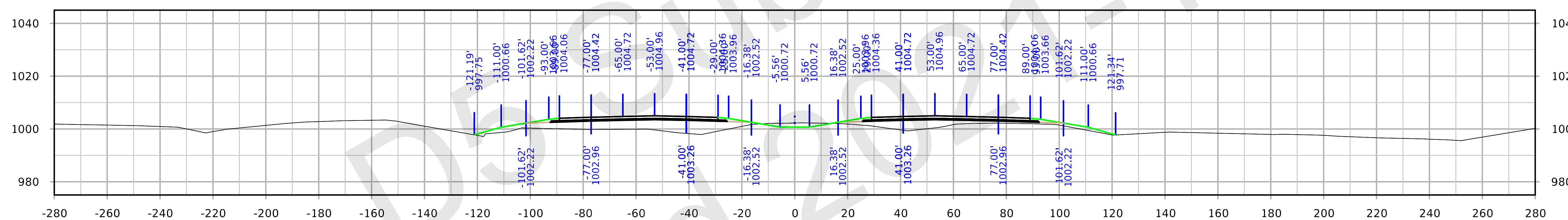
STA. 1926+00.00



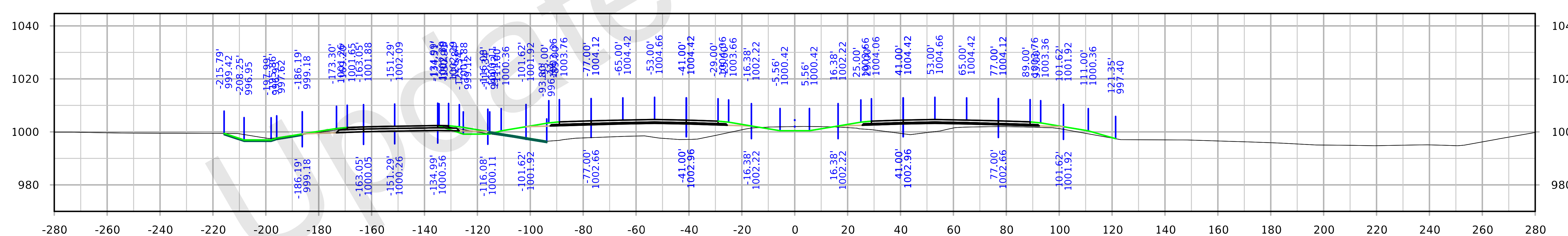
STA. 1925+00.00



STA. 1930+00.00

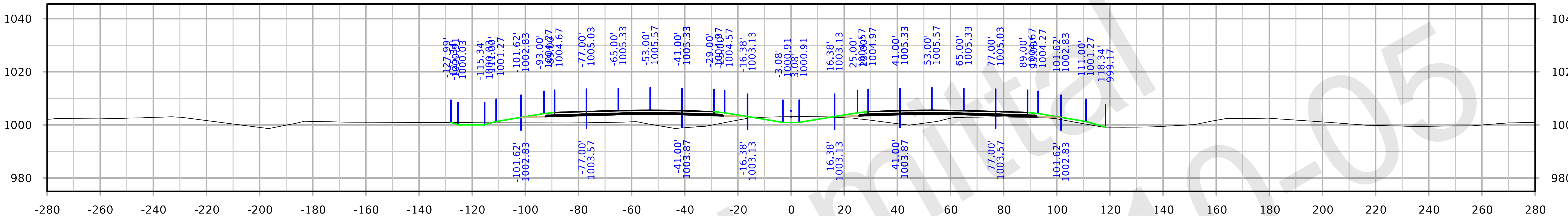


STA. 1929+00.00

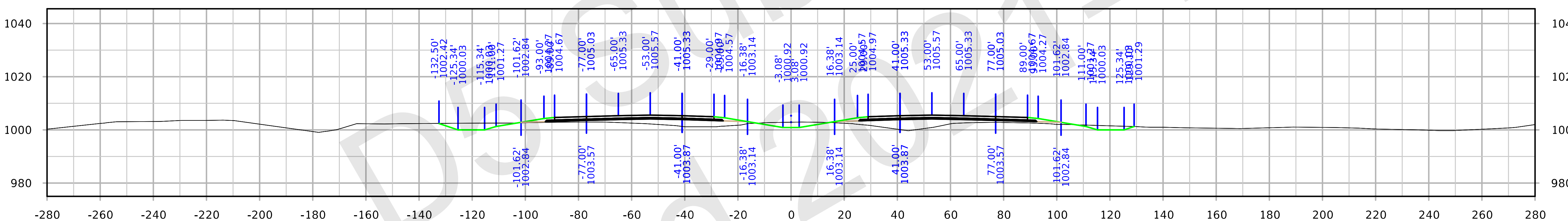


STA. 1928+00.00

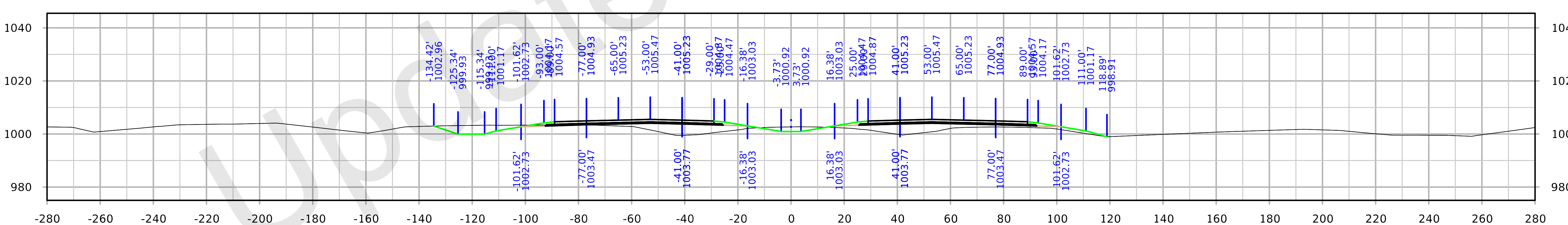
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.70



STA. 1933+00.00

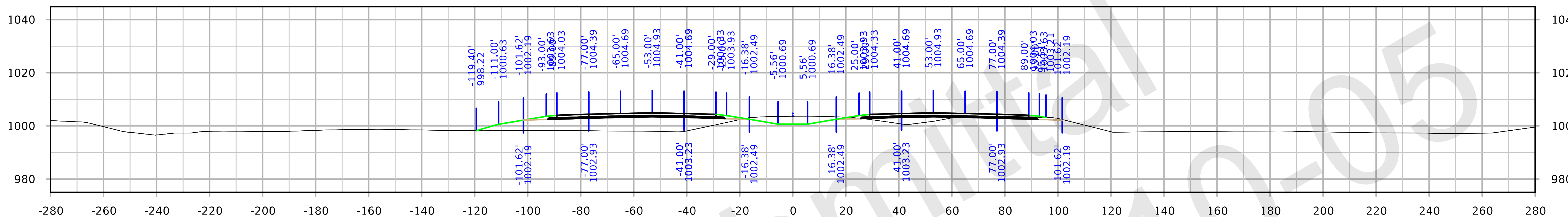


STA. 1932+00.00

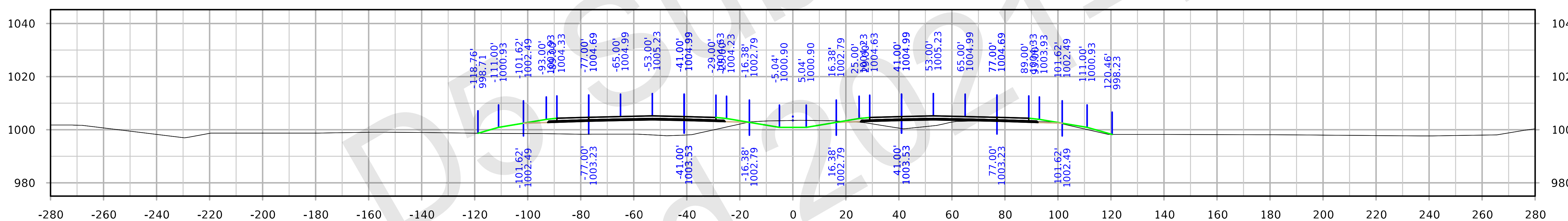


STA. 1931+00.00

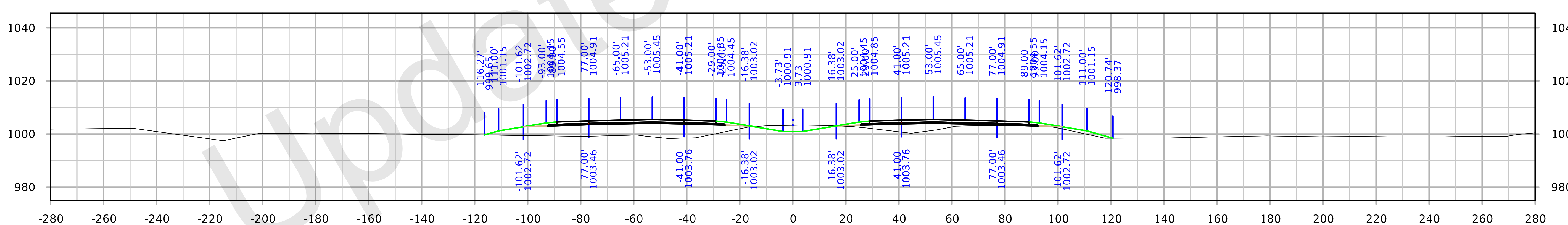
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.71



STA. 1936+00.00

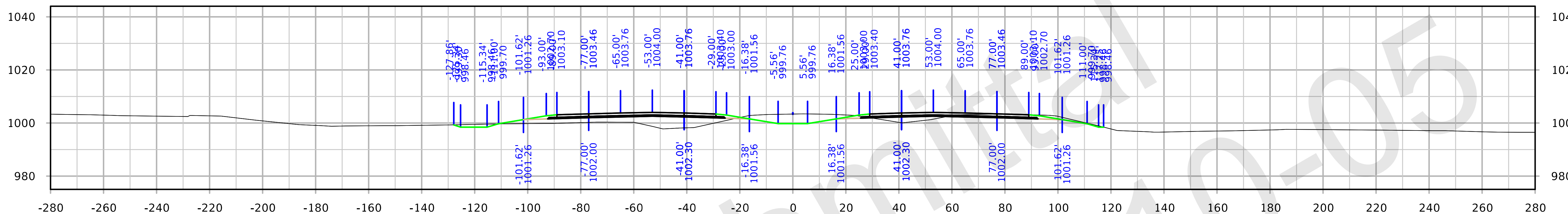


STA. 1935+00.00

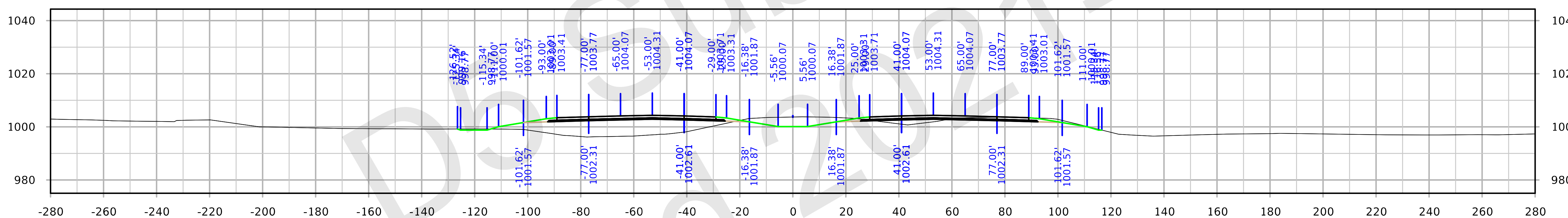


STA. 1934+00.00

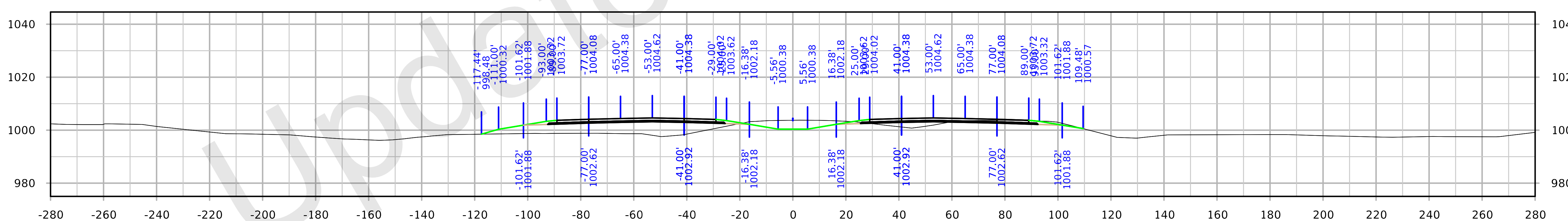
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.72



STA. 1939+00.00

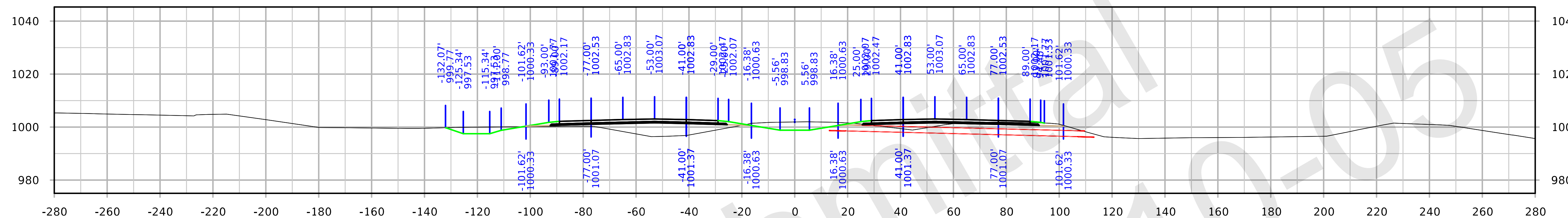


STA. 1938+00.00

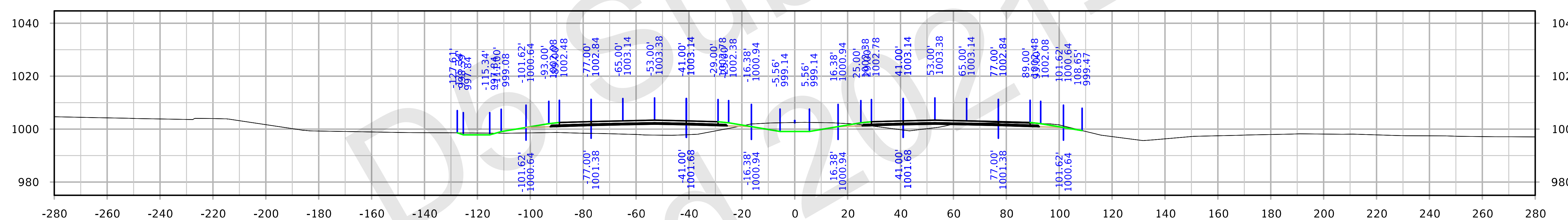


STA. 1937+00.00

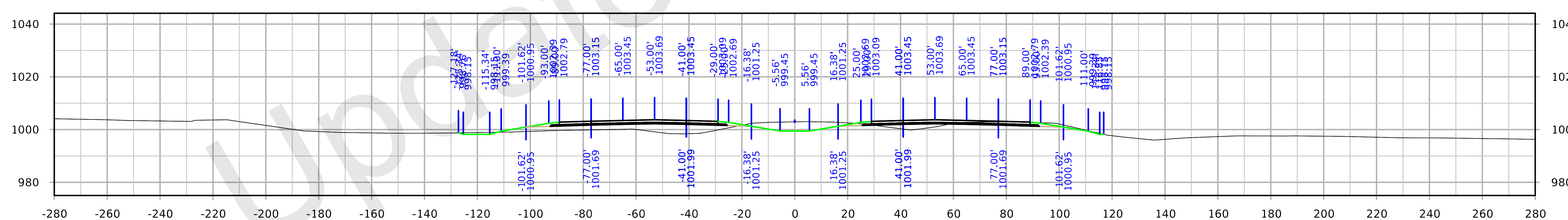
FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER W.73



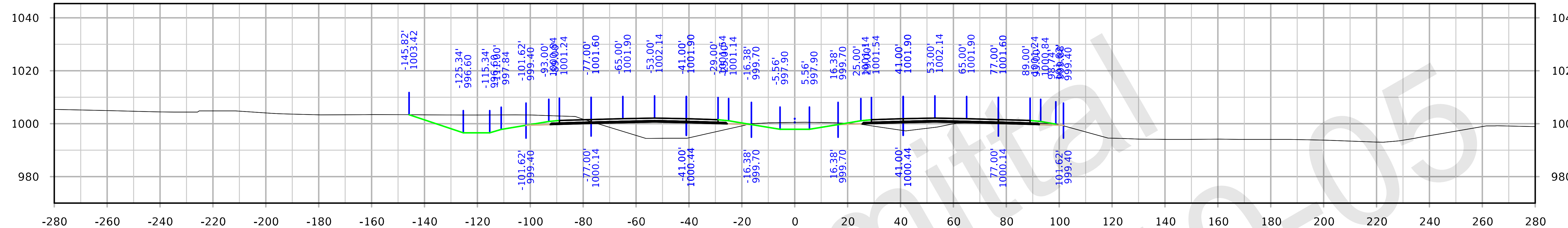
STA. 1942+00.00



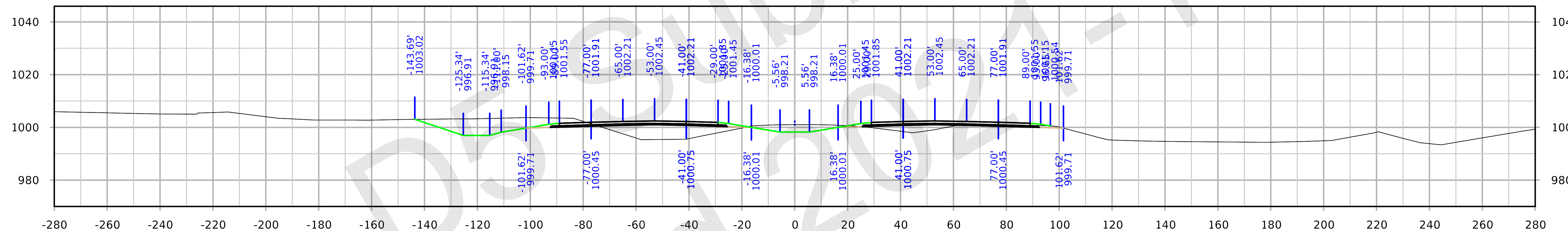
STA. 1941+00.00



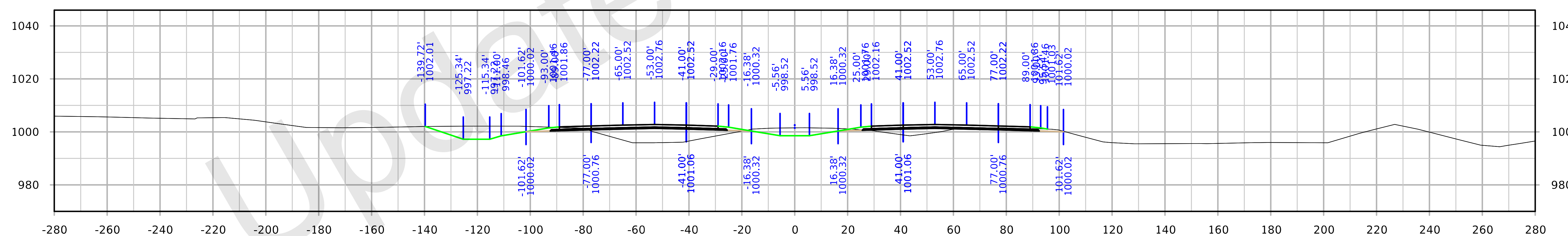
STA. 1940+00.00



STA. 1945+00.00

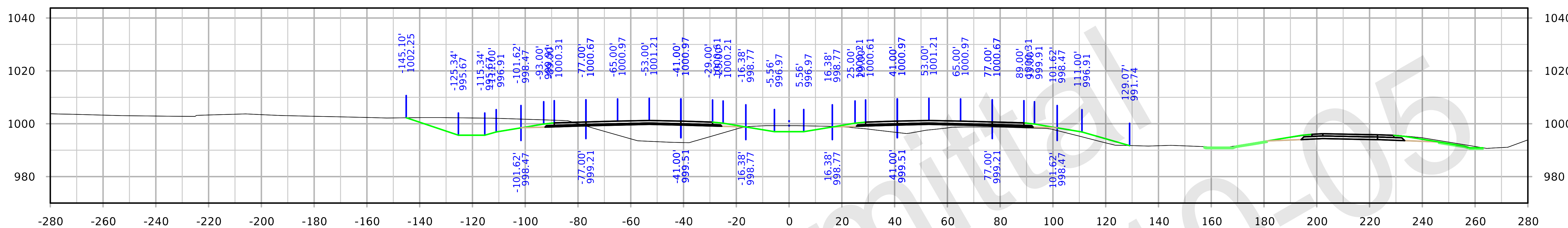


STA. 1944+00.00

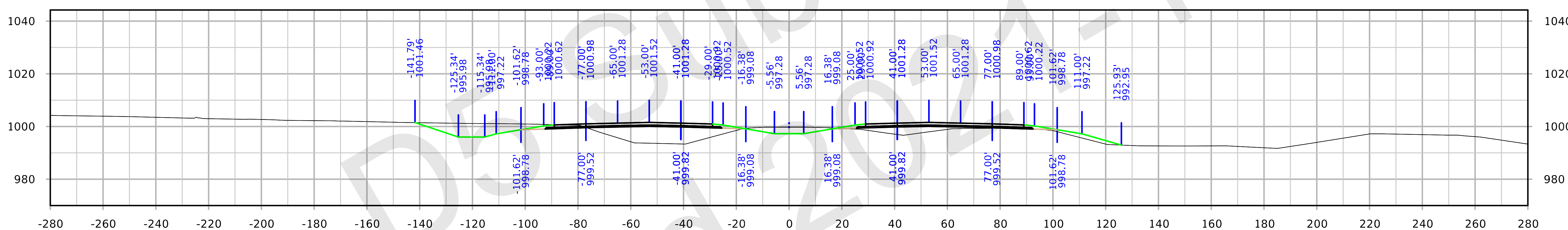


STA. 1943+00.00

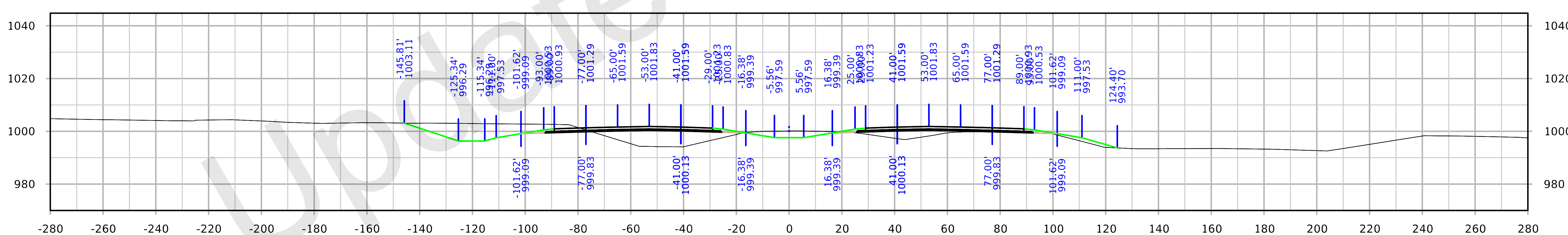
FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER W.75



STA. 1948+00.00

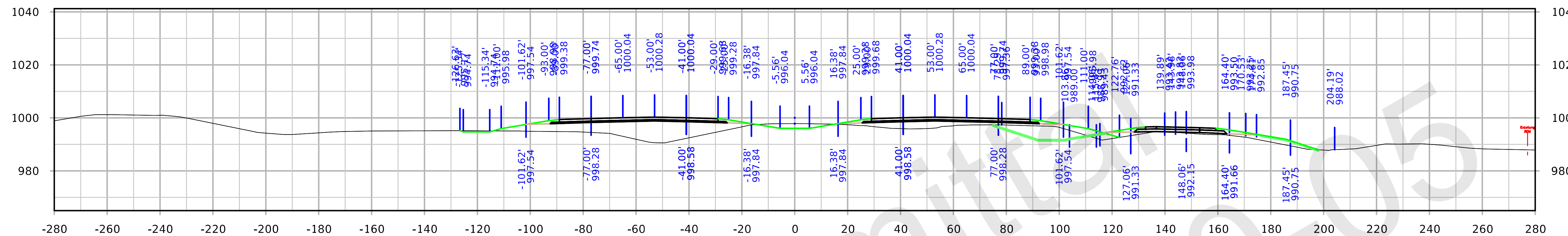


STA. 1947+00.00

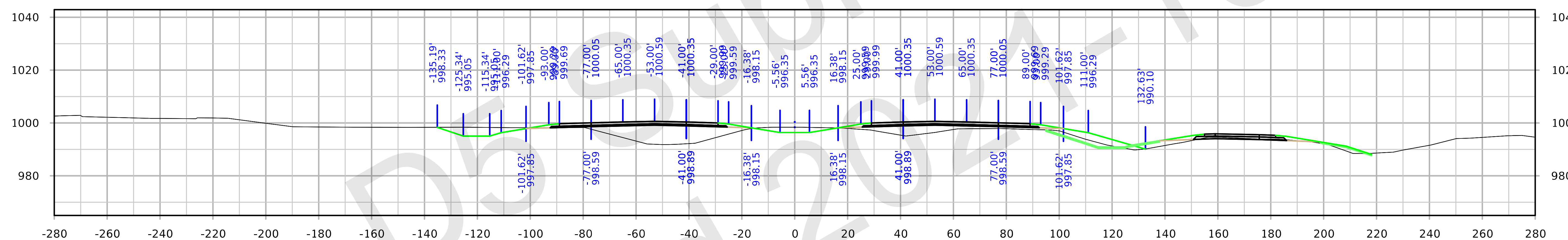


STA. 1946+00.00

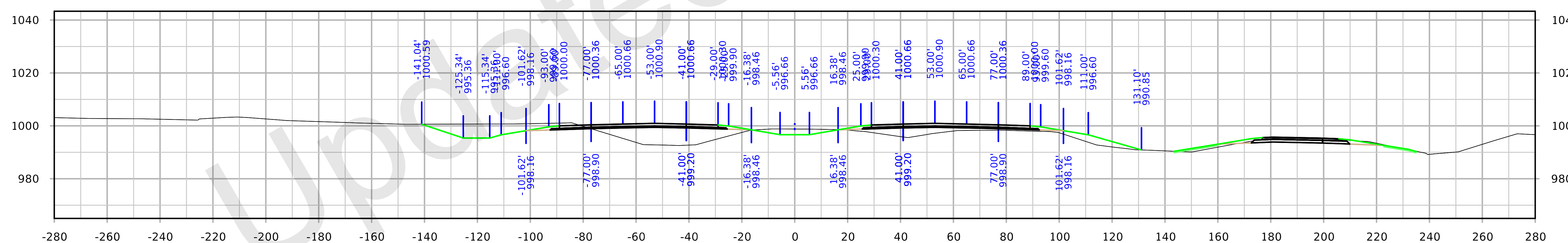
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.76



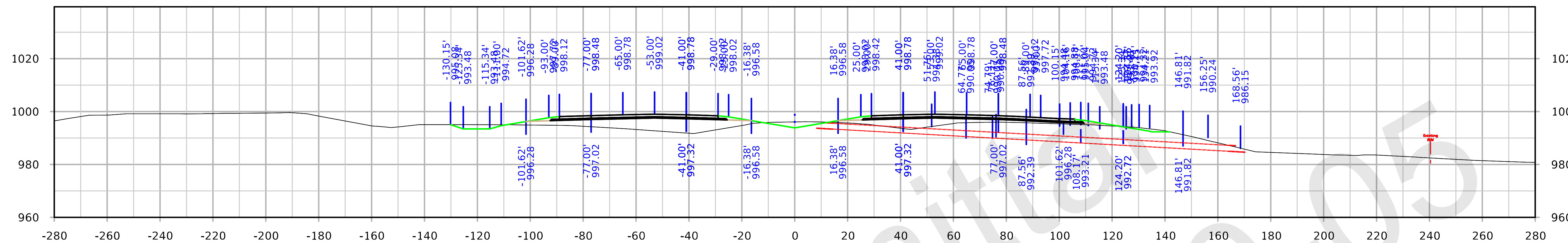
STA. 1951+00.00



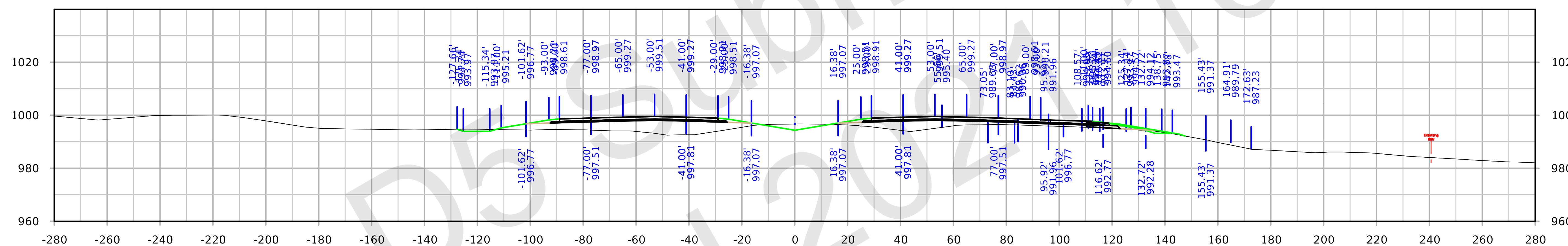
STA. 1950+00.00



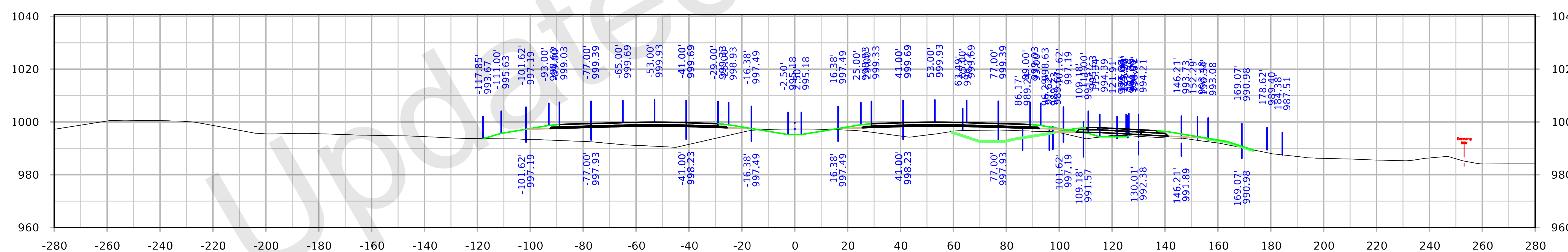
STA. 1949+00.00



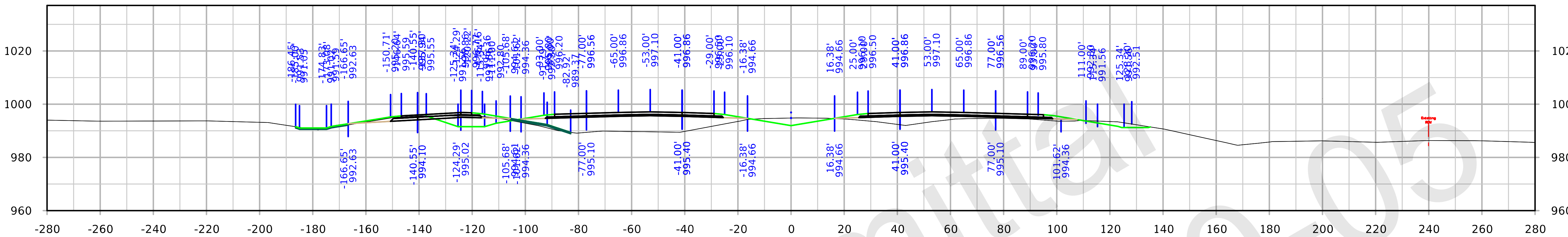
STA. 1954+00.00



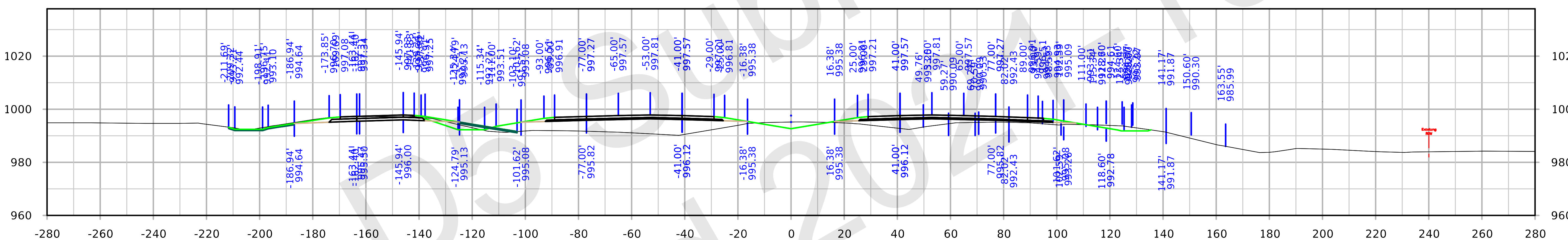
STA. 1953+00.00



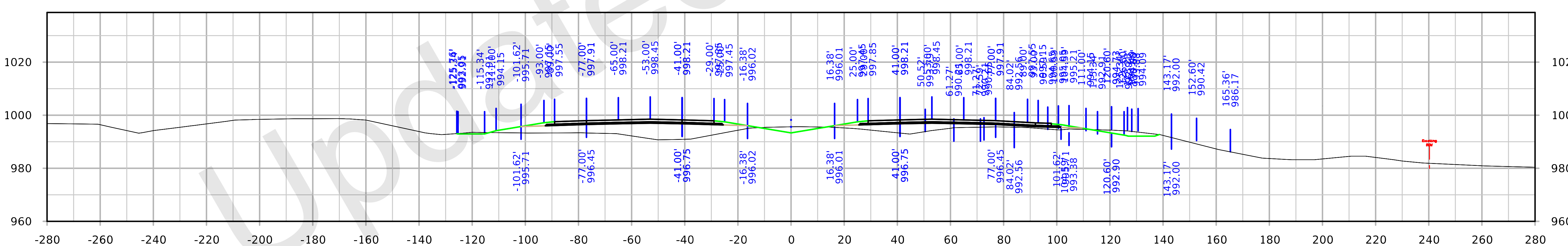
STA. 1952+00.00



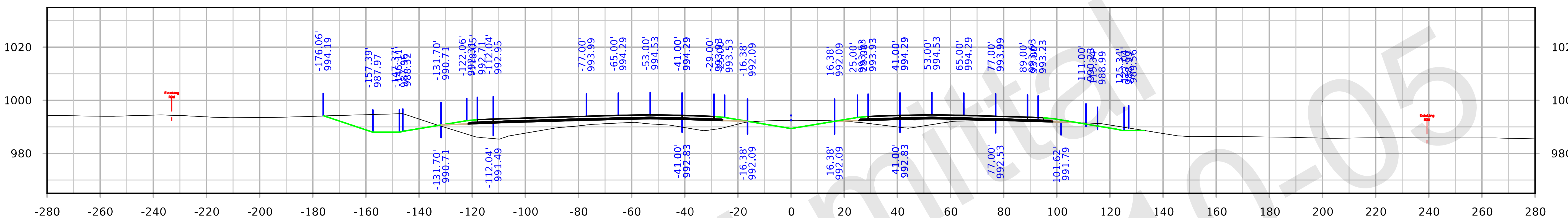
STA. 1957+00.00



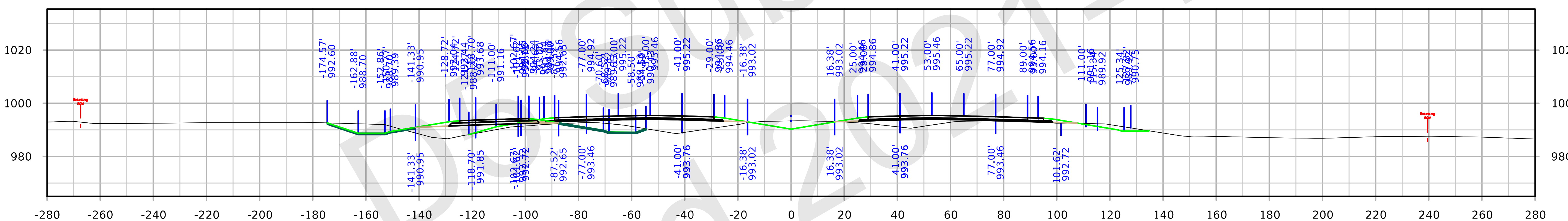
STA. 1956+00.00



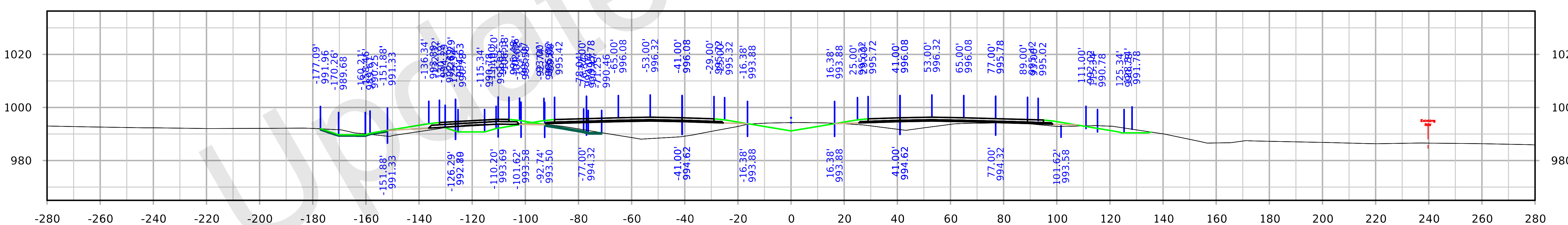
STA. 1955+00.00



STA. 1960+00.00

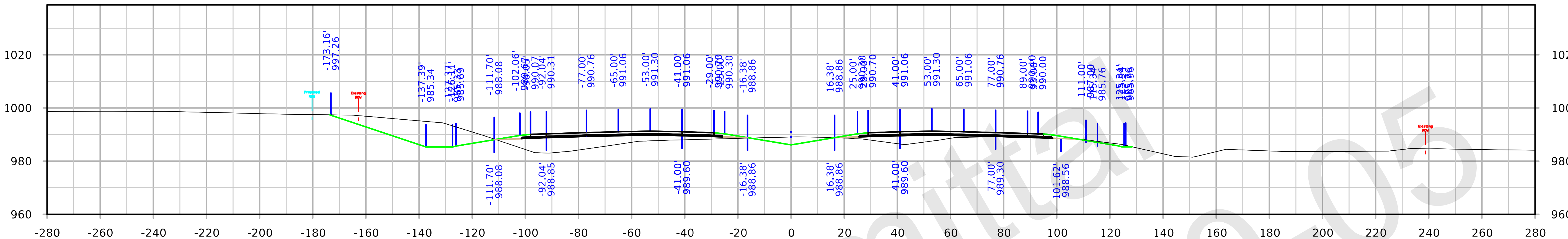


STA. 1959+00.00

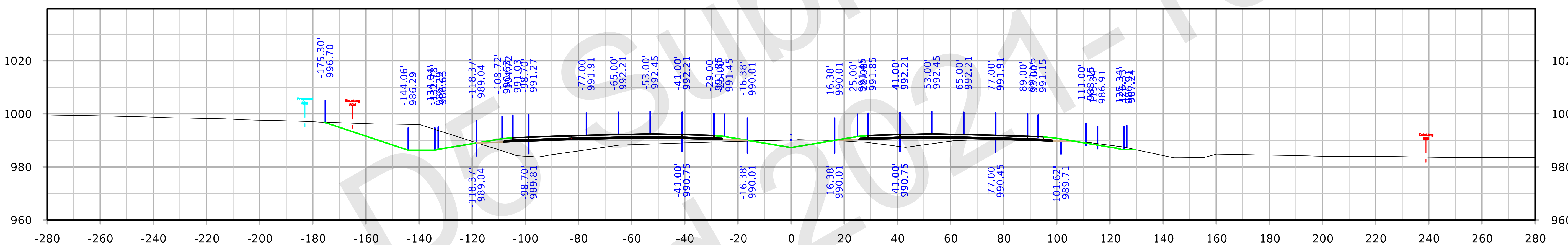


STA. 1958+00.00

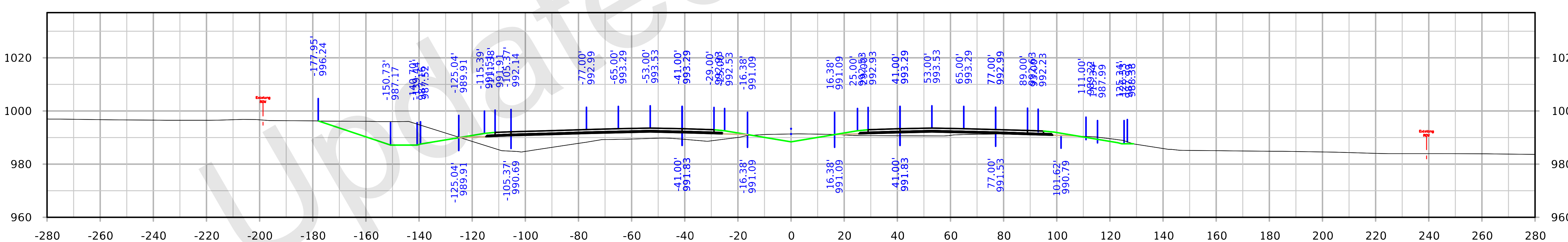
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.80



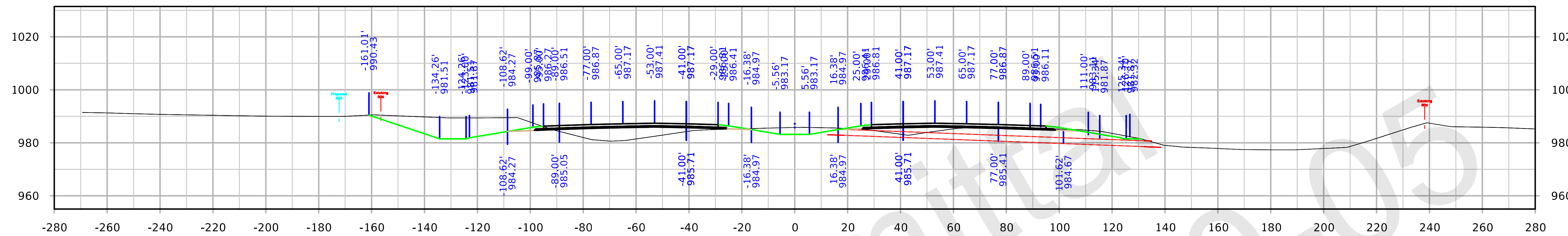
STA. 1963+00.00



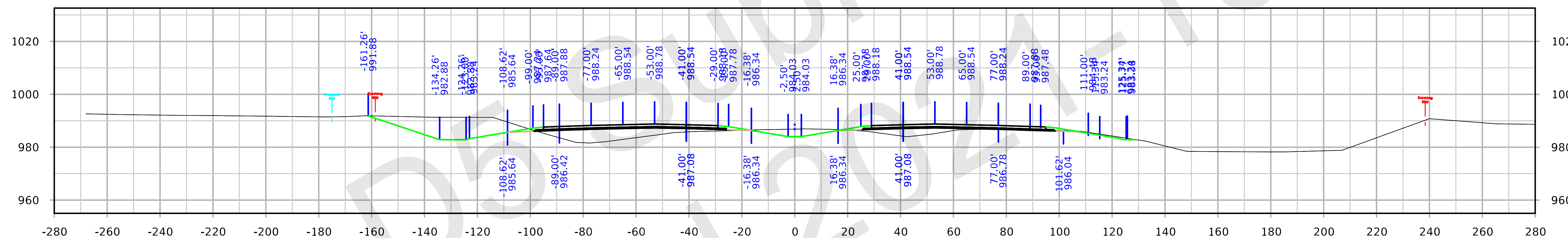
STA. 1962+00.00



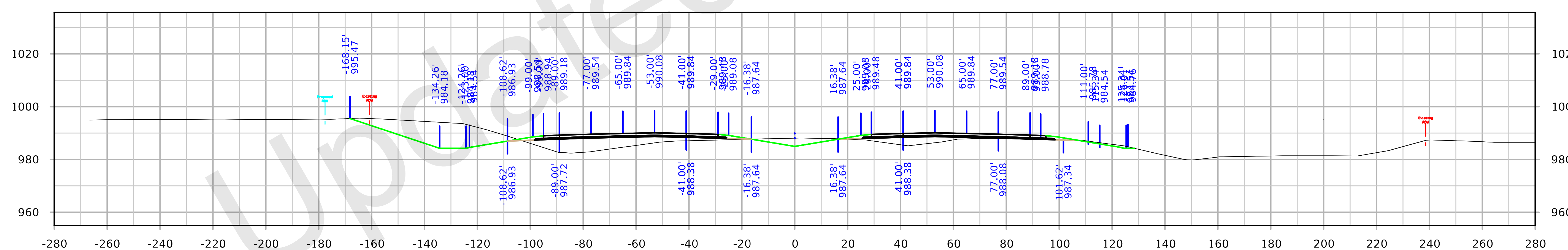
STA. 1961+00.00



STA. 1966+00.00

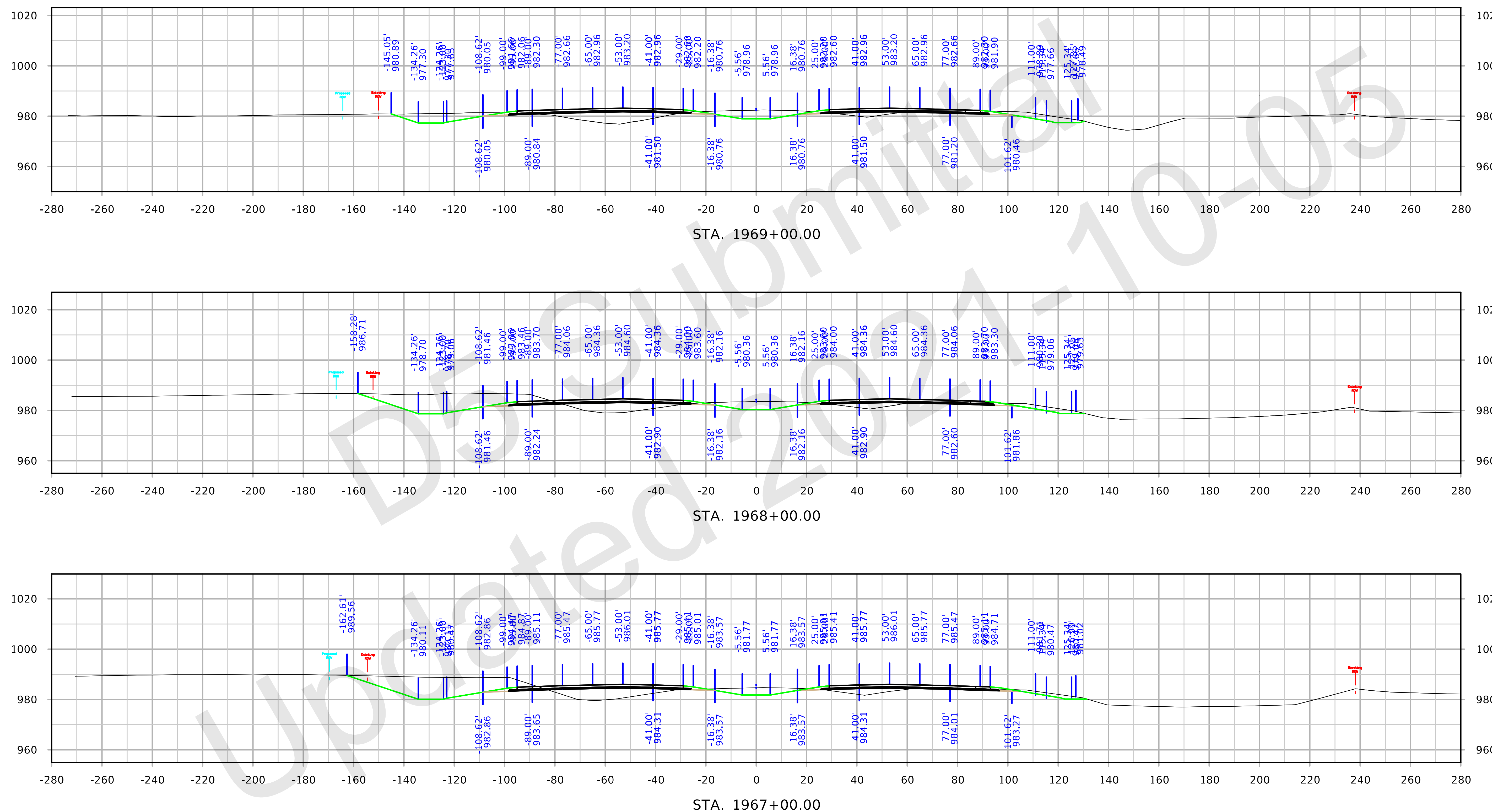


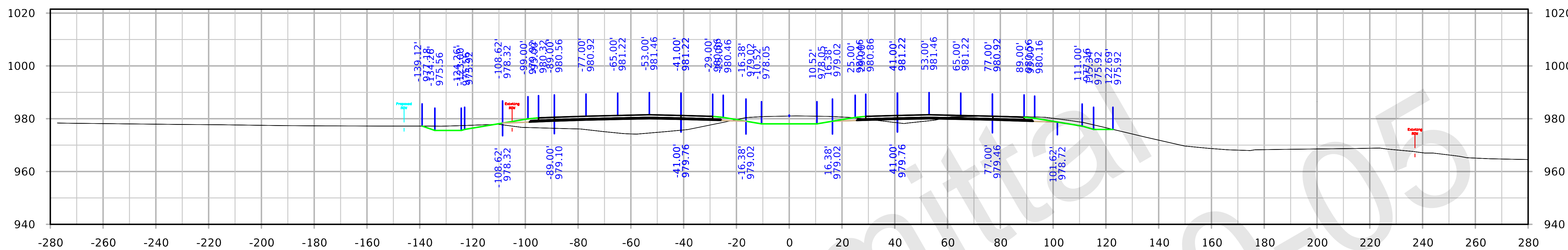
STA. 1965+00.00



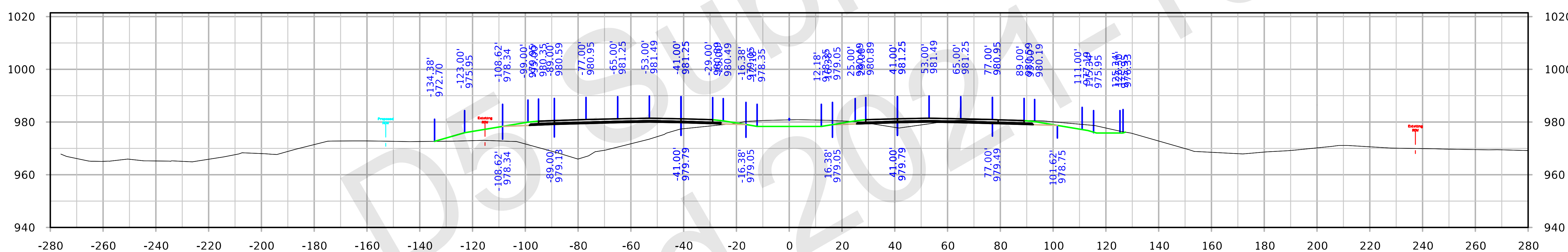
STA. 1964+00.00

I-35

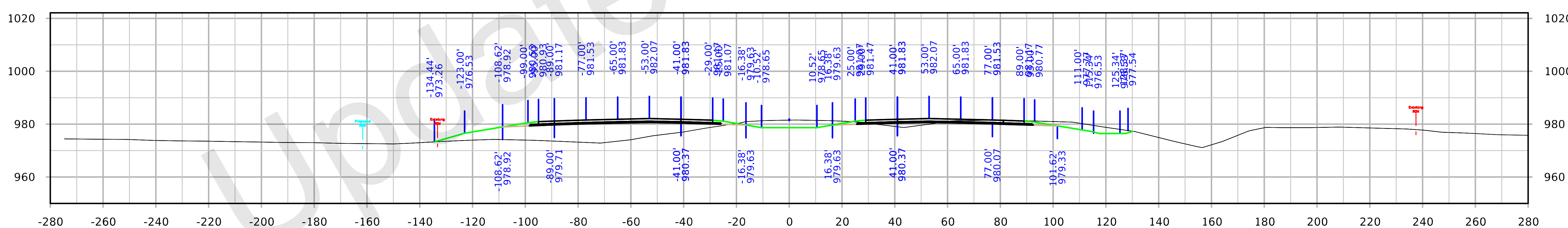




STA. 1972+00.00



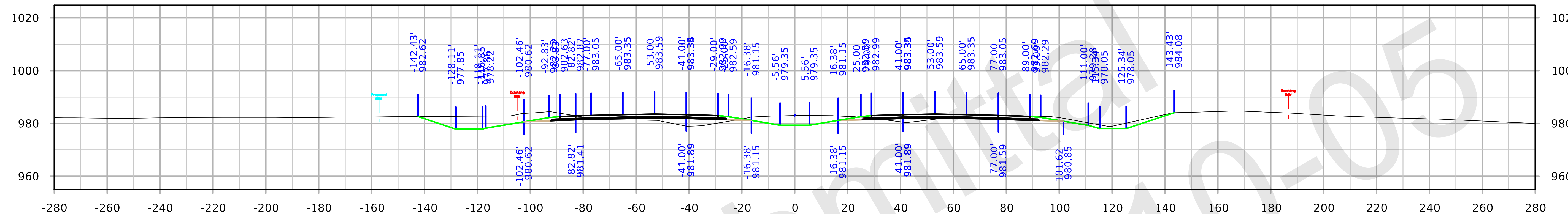
STA. 1971+00.00



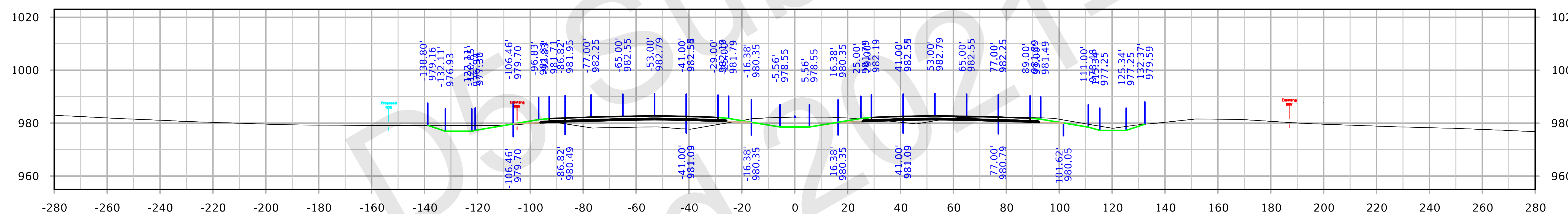
STA. 1970+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.84

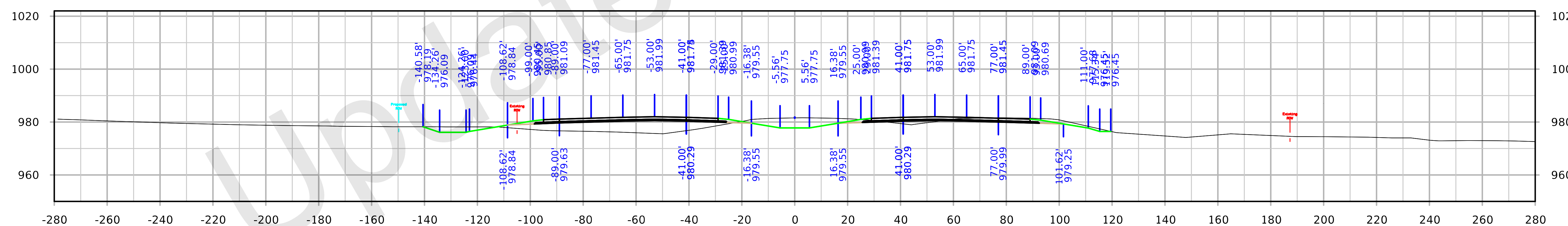
I-35



STA. 1975+00.00



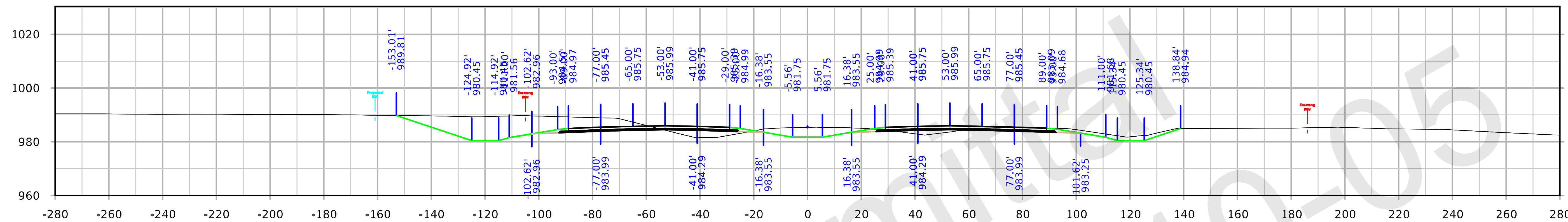
STA. 1974+00.00



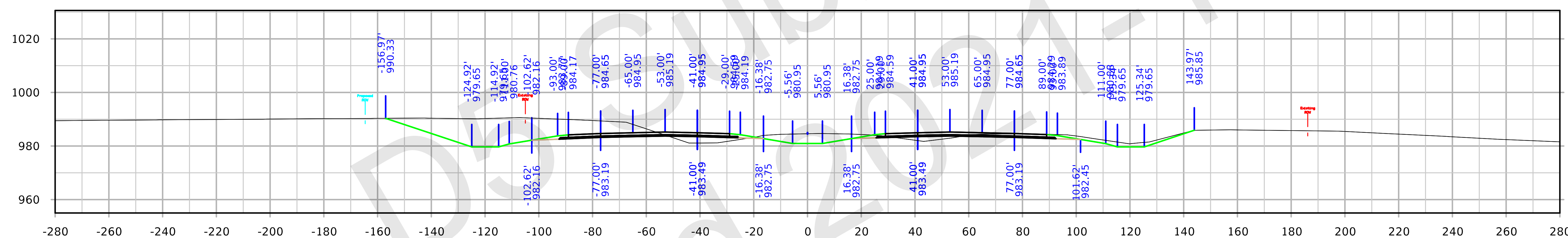
STA. 1973+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.85

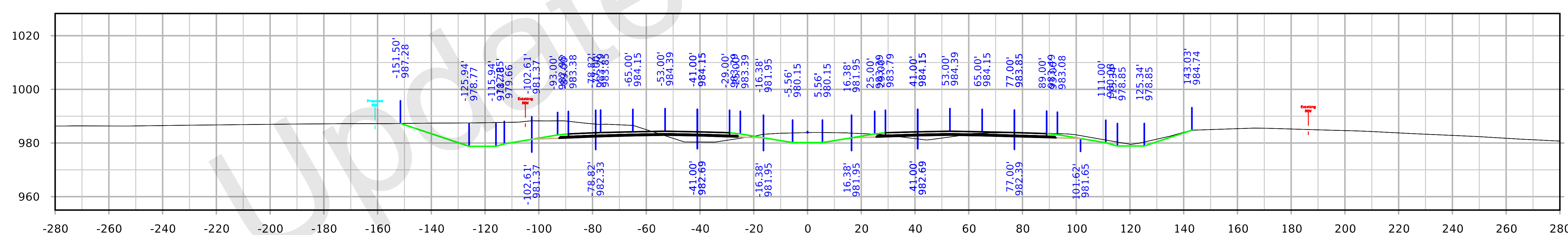
8:36:44 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 1978+00.00



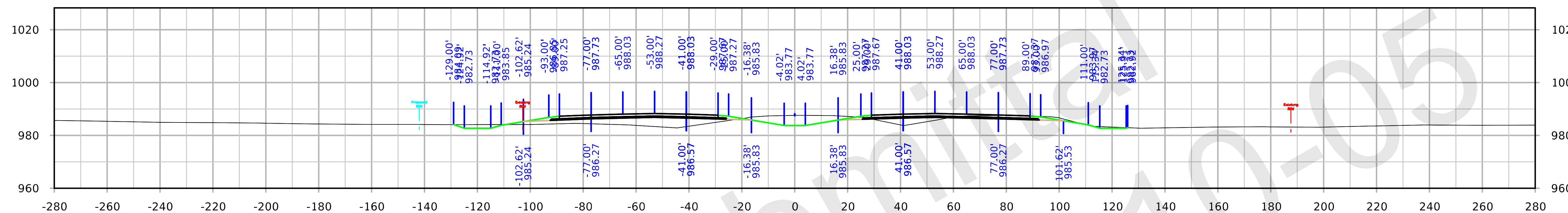
STA. 1977+00.00



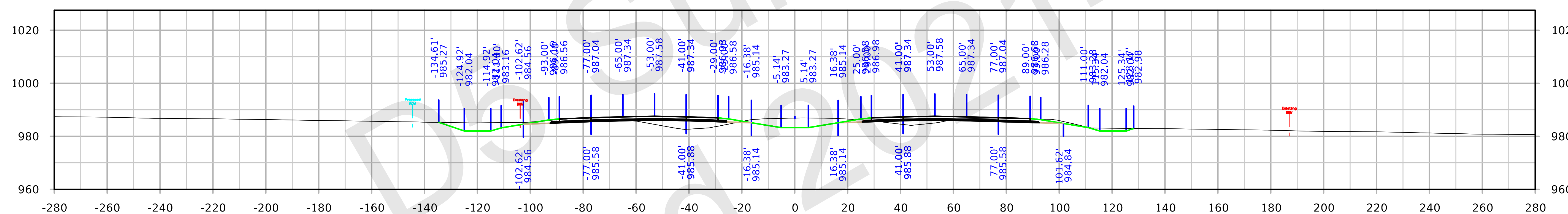
STA. 1976+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.86

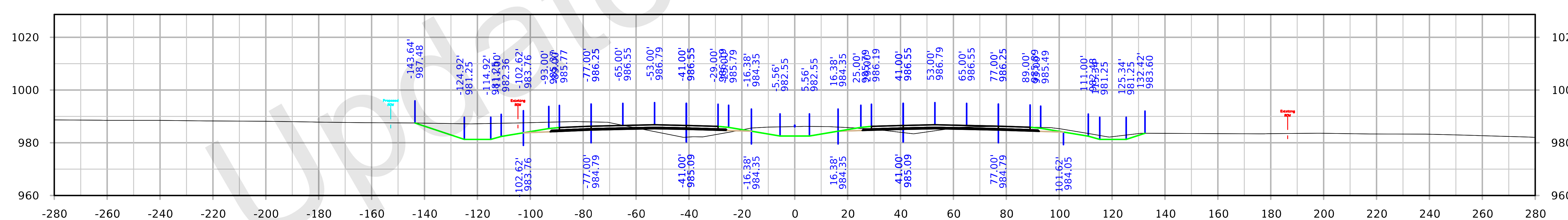
8:37:59 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



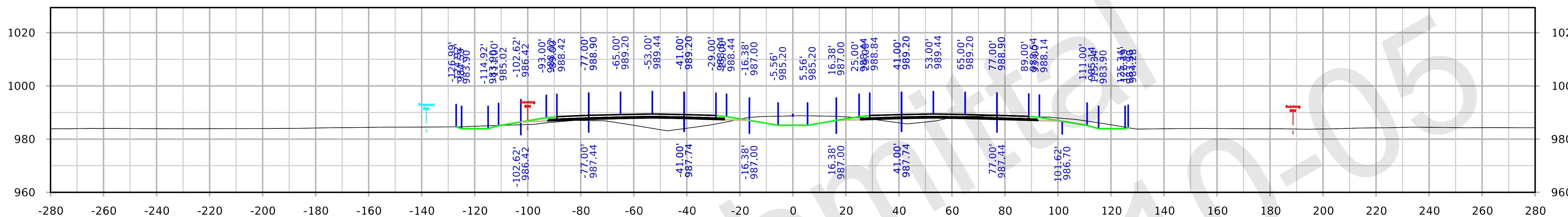
STA. 1981+00.00



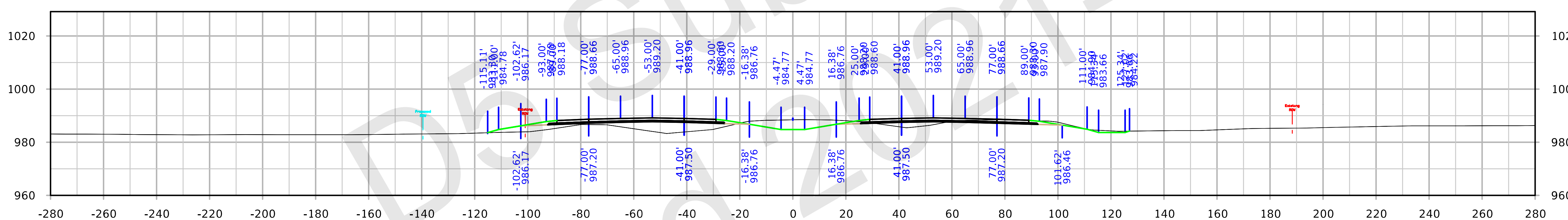
STA. 1980+00.00



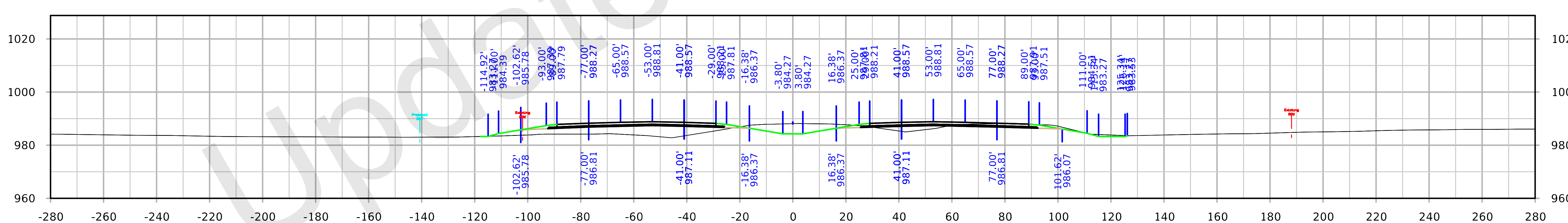
STA. 1979+00.00



STA. 1984+00.00



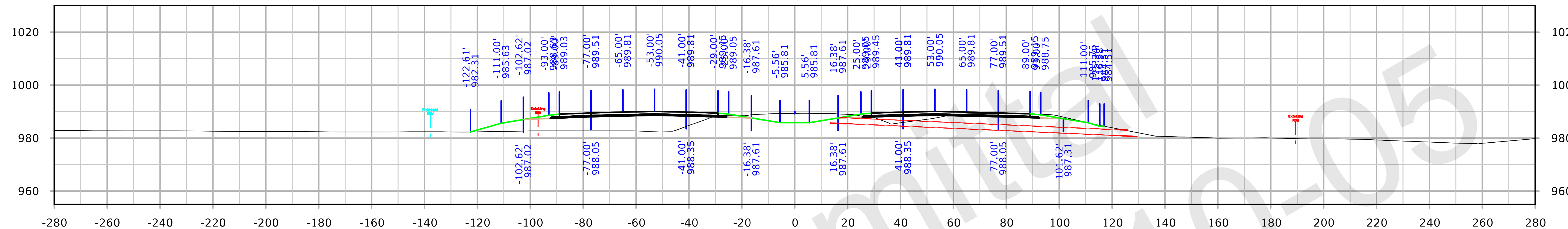
STA. 1983+00.00



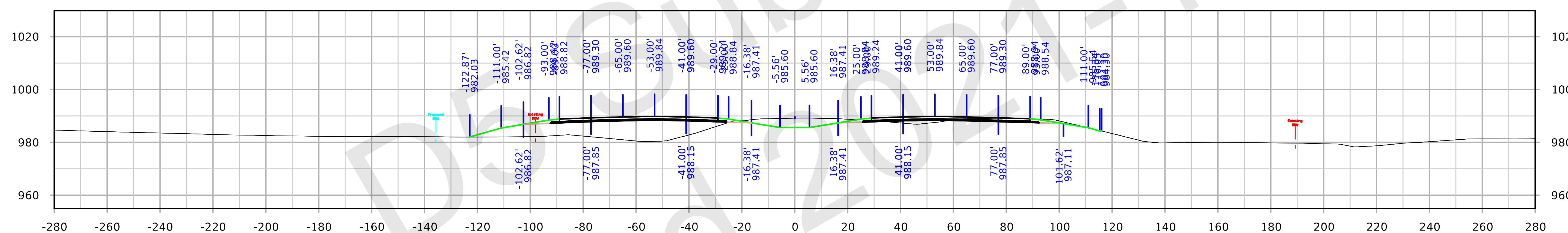
STA. 1982+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.88

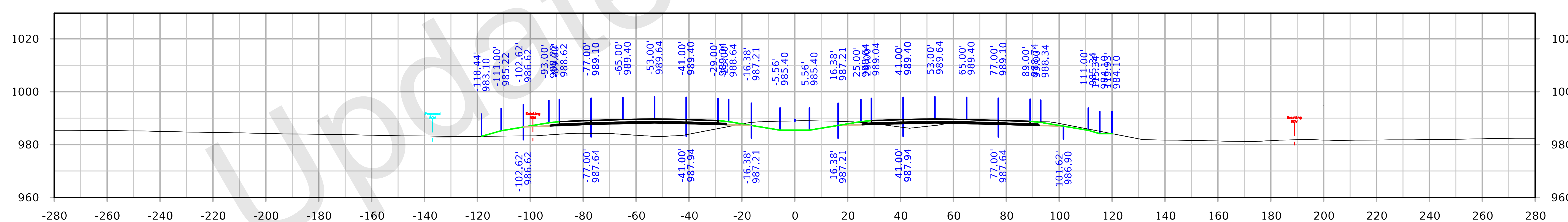
8:40:31 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



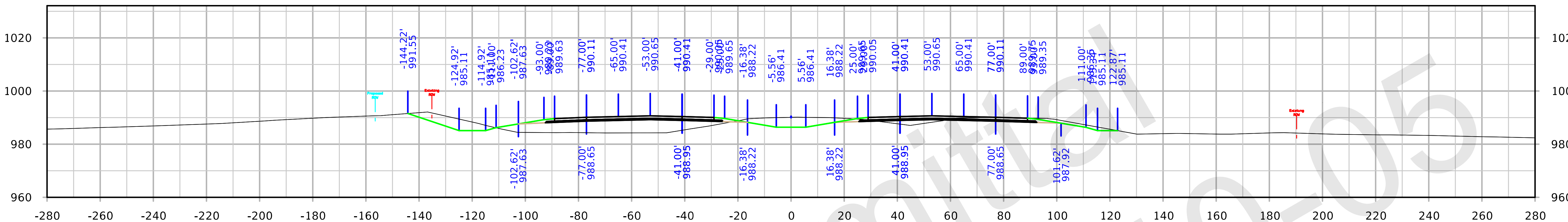
STA. 1987+00.00



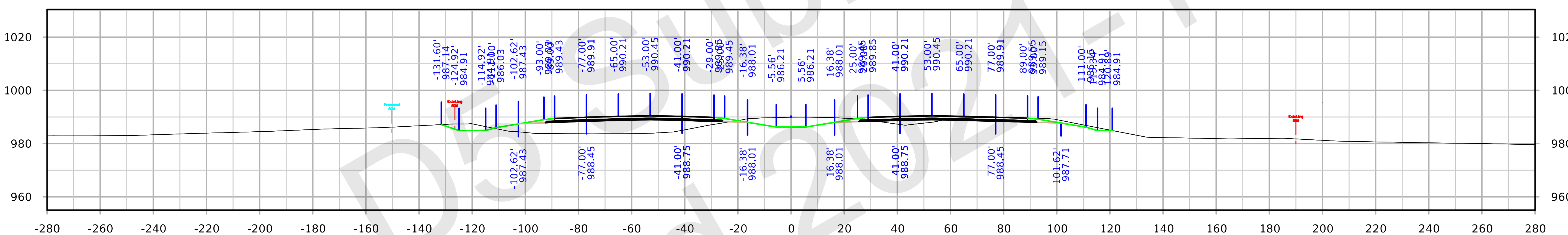
STA. 1986+00.00



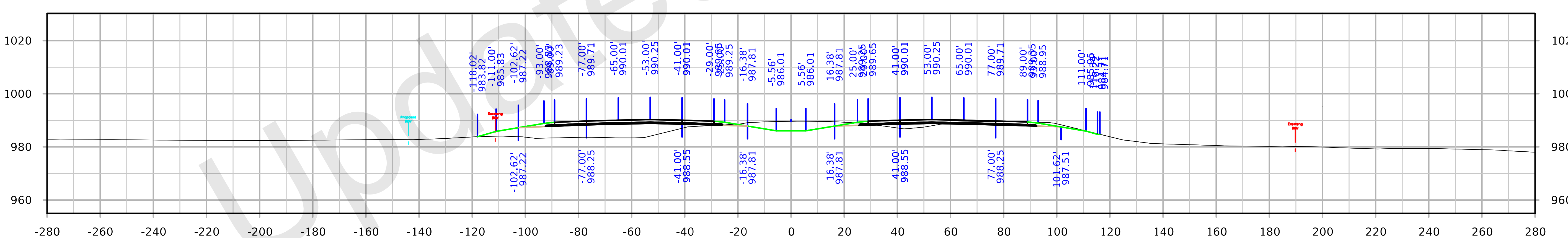
STA. 1985+00.00



STA. 1990+00.00



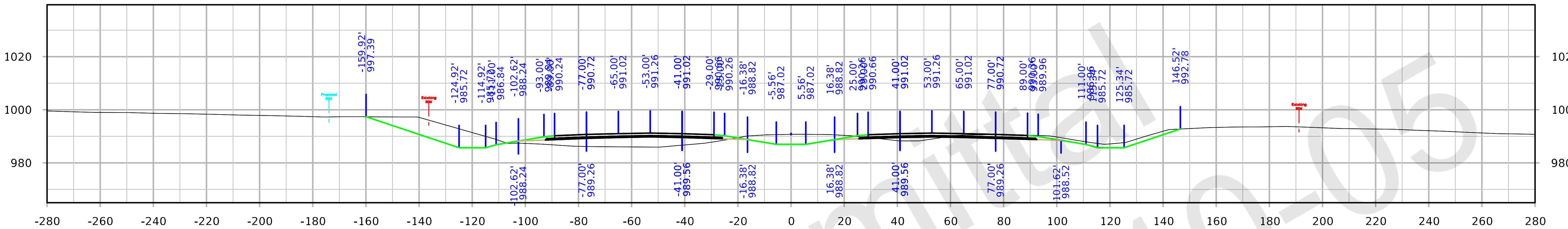
STA. 1989+00.00



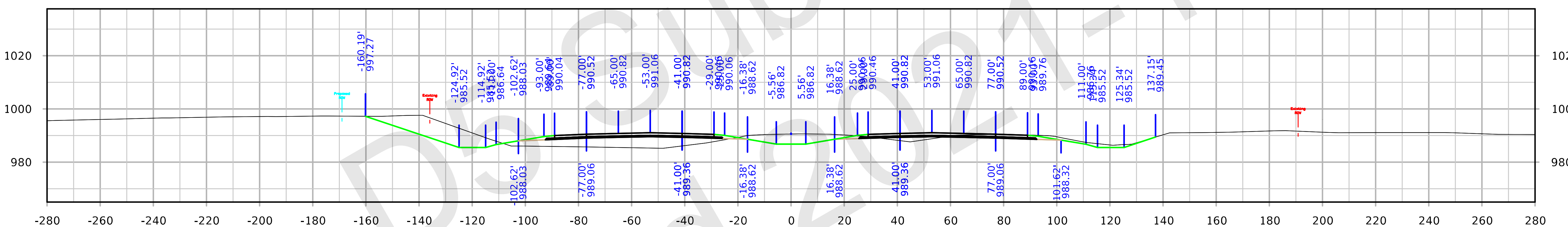
STA. 1988+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.90

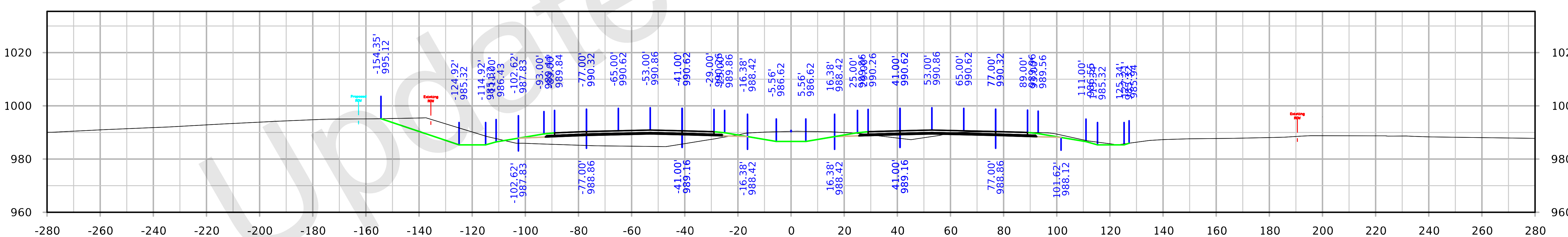
8:43:03 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



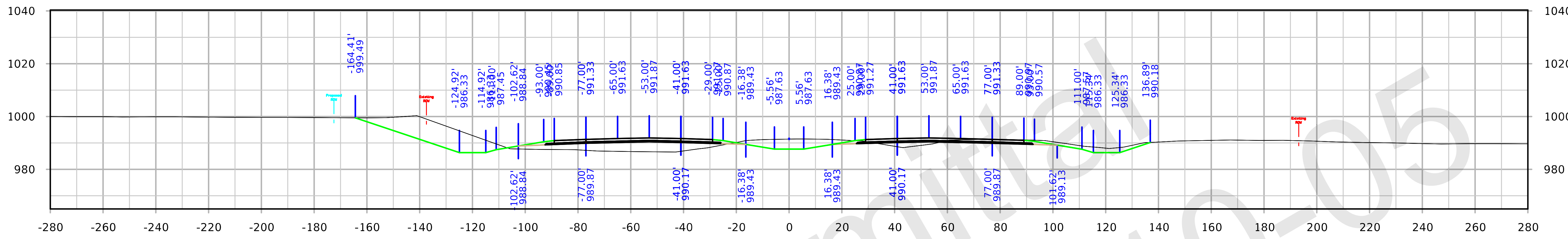
STA. 1993+00.00

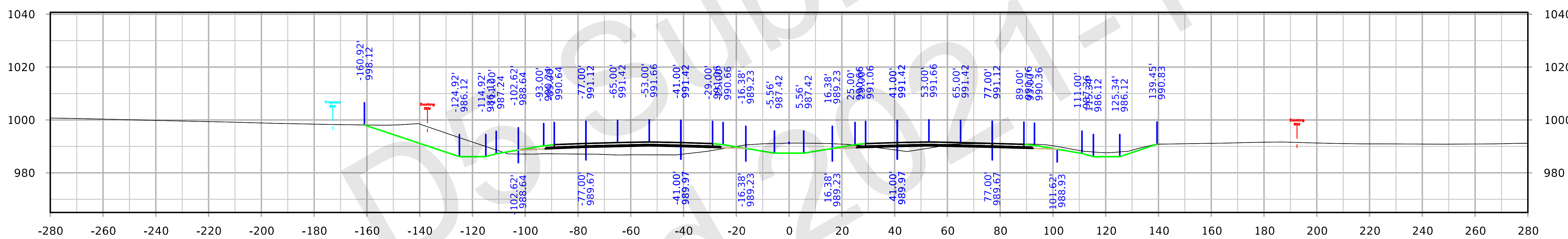


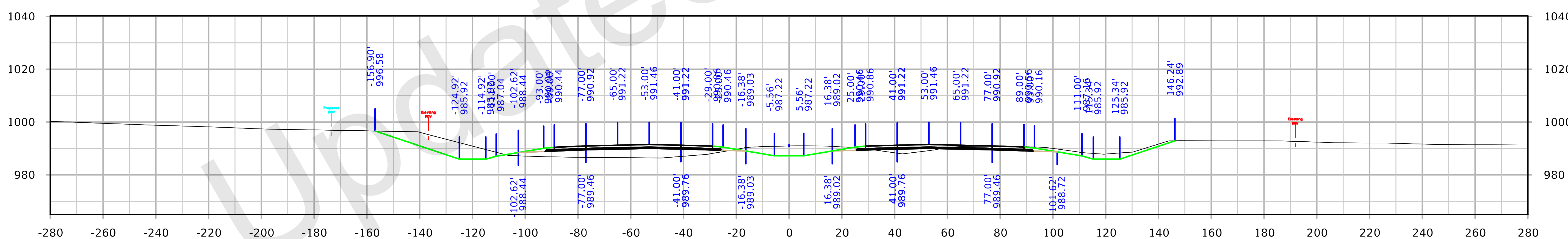
STA. 1992+00.00



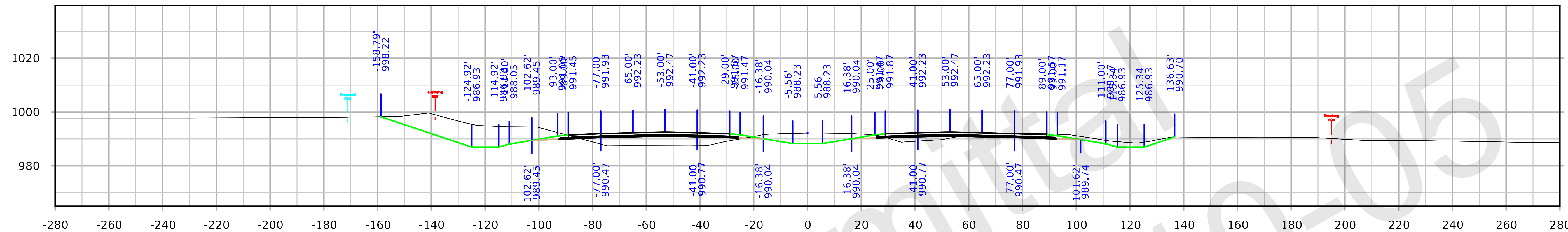
STA. 1991+00.00



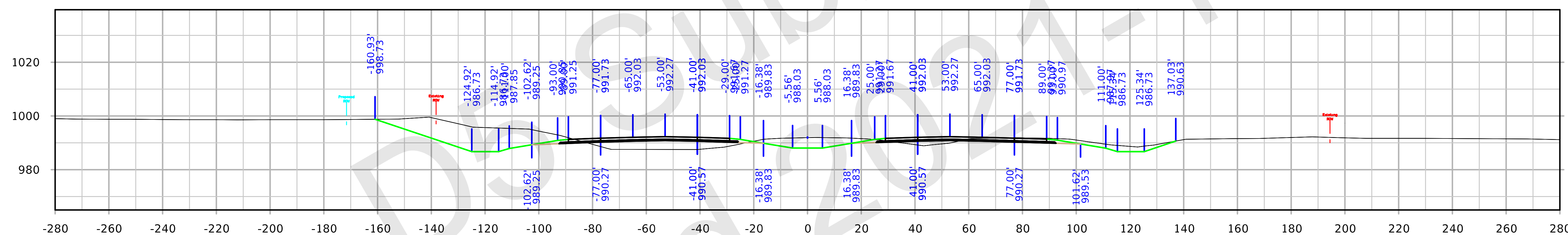




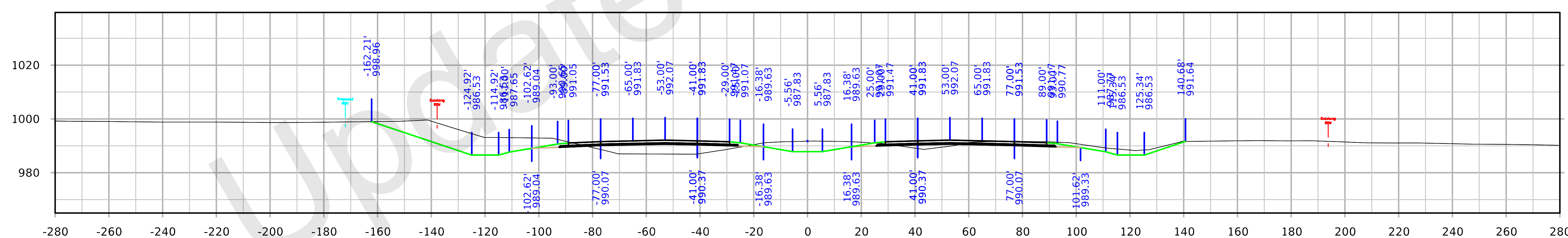
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.92



STA. 1999+00.00

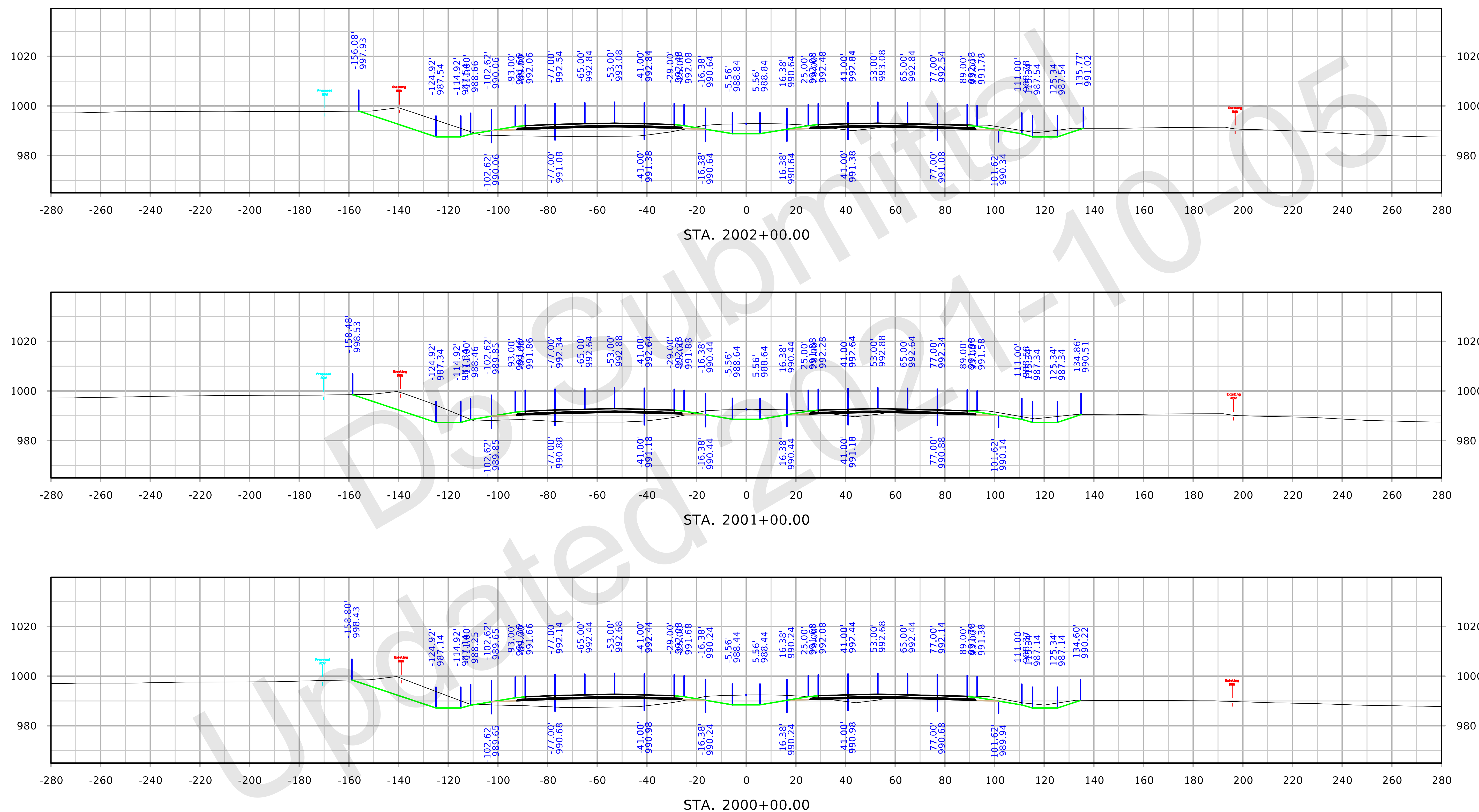


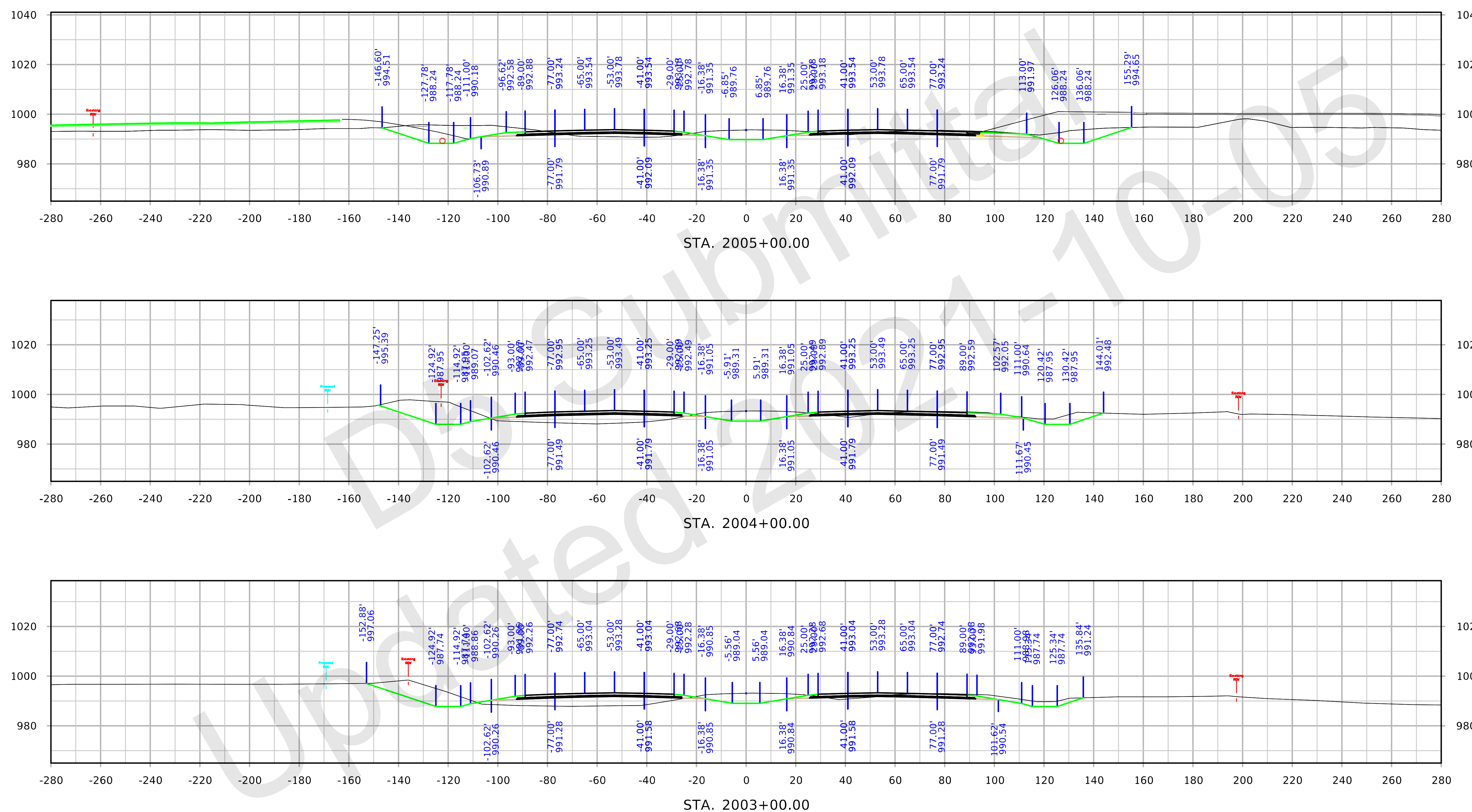
STA. 1998+00.00



STA. 1997+00.00

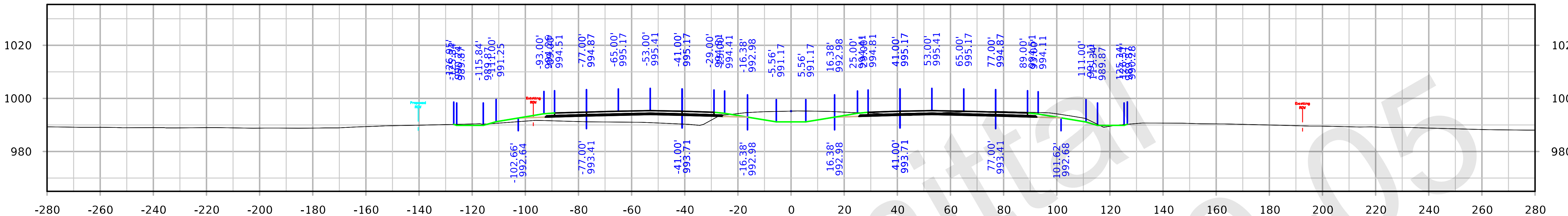
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.93


STA. 2002+00.00
STA. 2001+00.00
STA. 2000+00.00

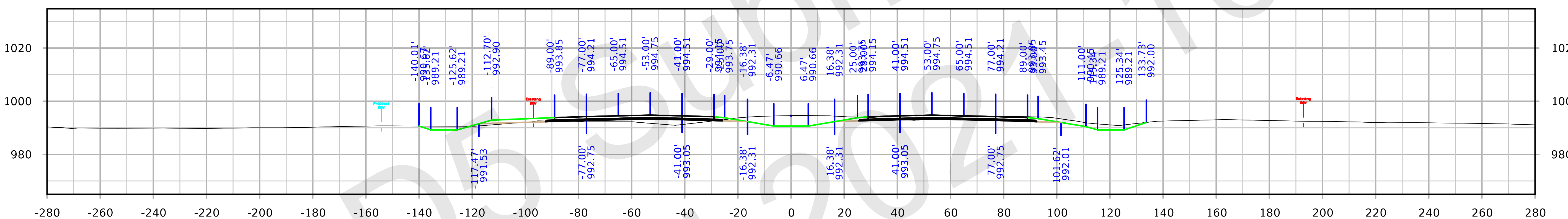


FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.95

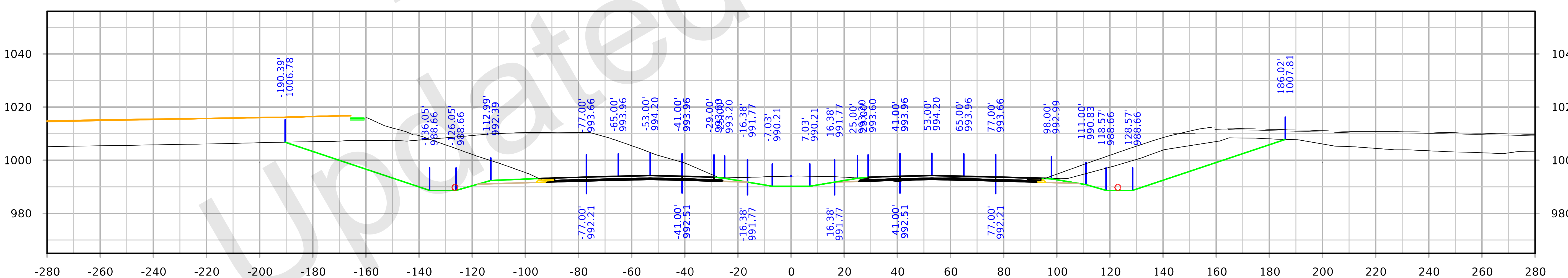
8:49:24 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



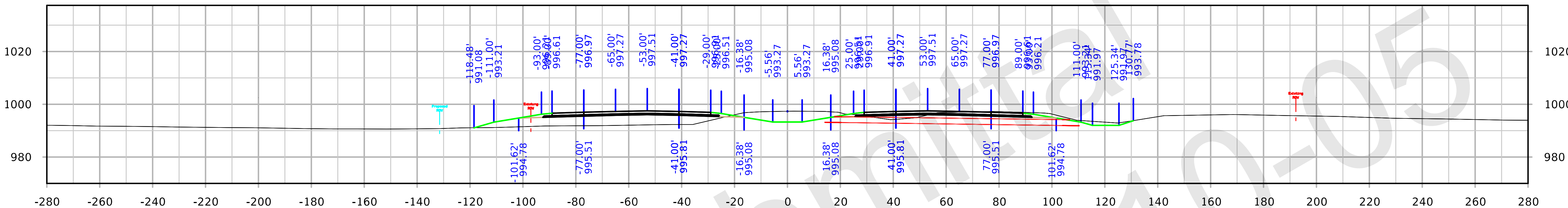
STA. 2008+00.00



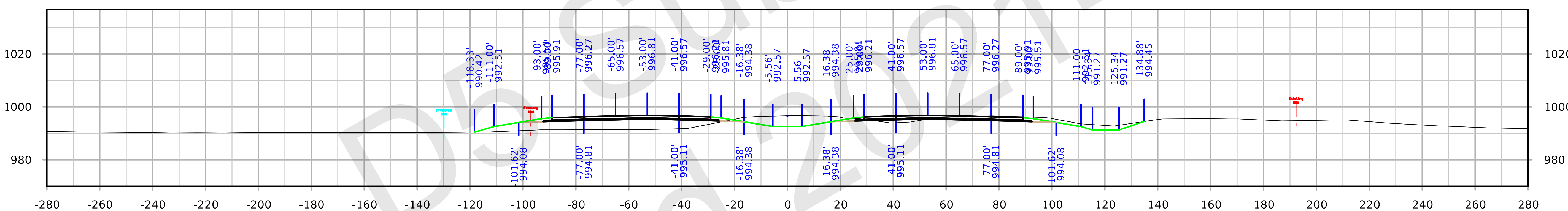
STA. 2007+00.00



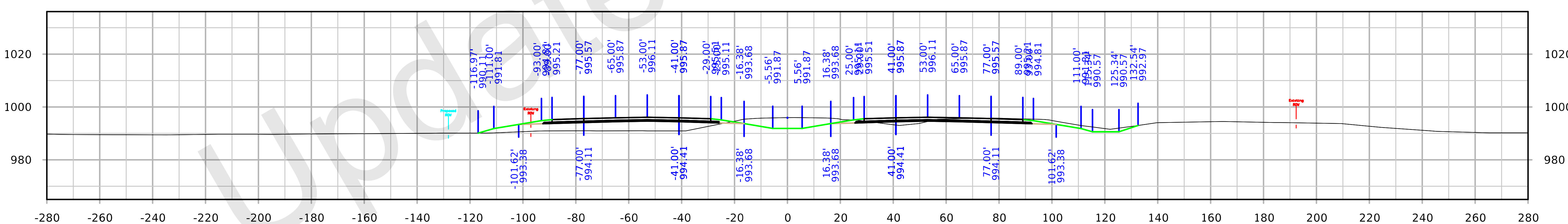
STA. 2006+00.00



STA. 2011+00.00

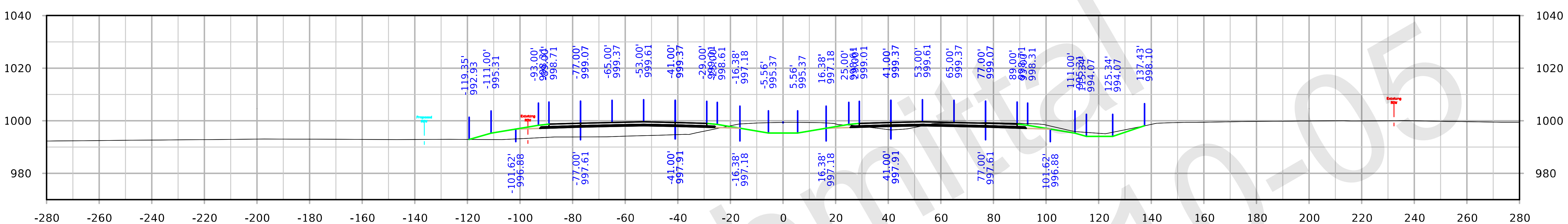


STA. 2010+00.00

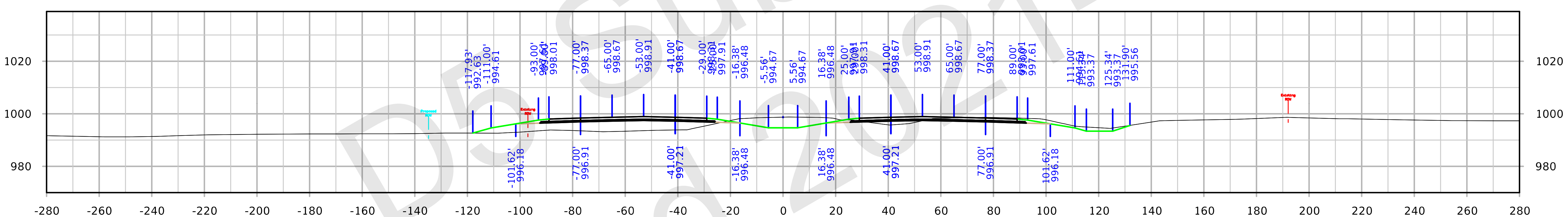


STA. 2009+00.00

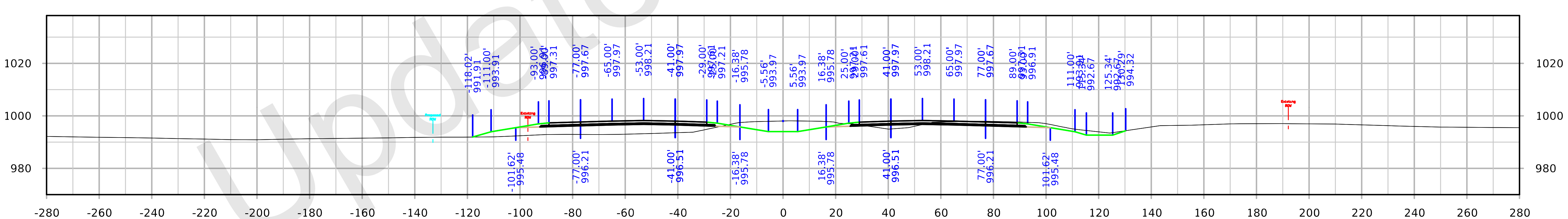
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.97



STA. 2014+00.00



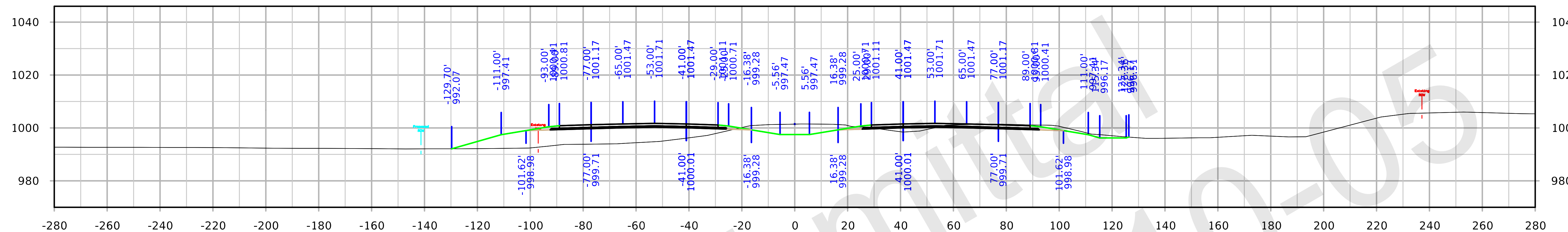
STA. 2013+00.00



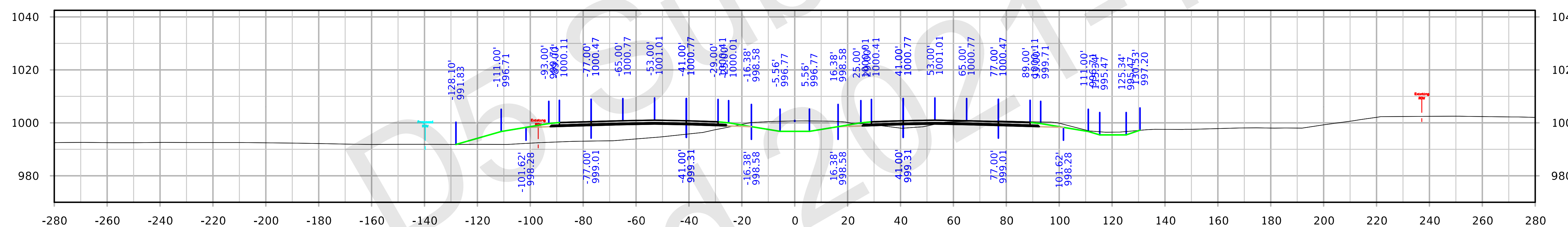
STA. 2012+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.98

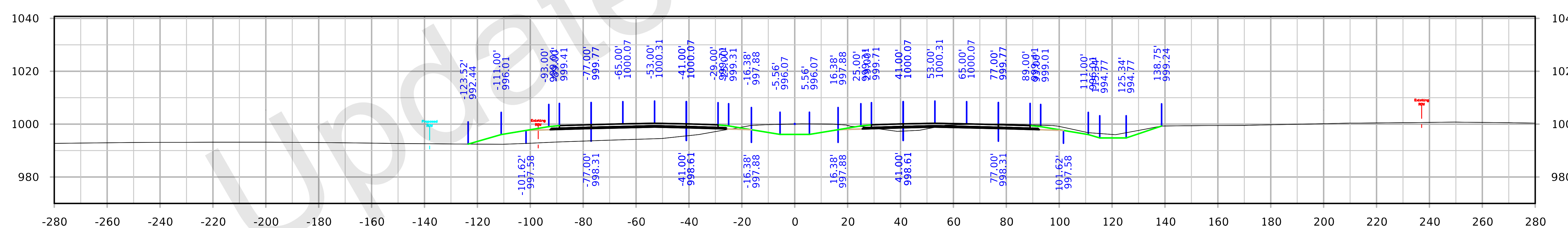
I-35



STA. 2017+00.00



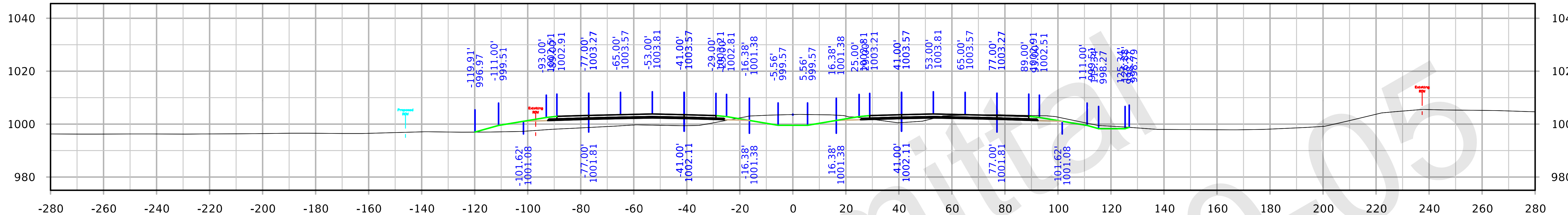
STA. 2016+00.00



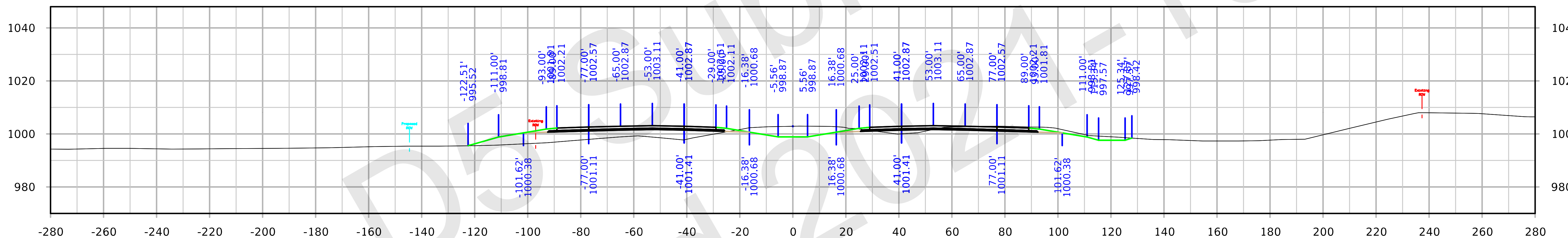
STA. 2015+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.99

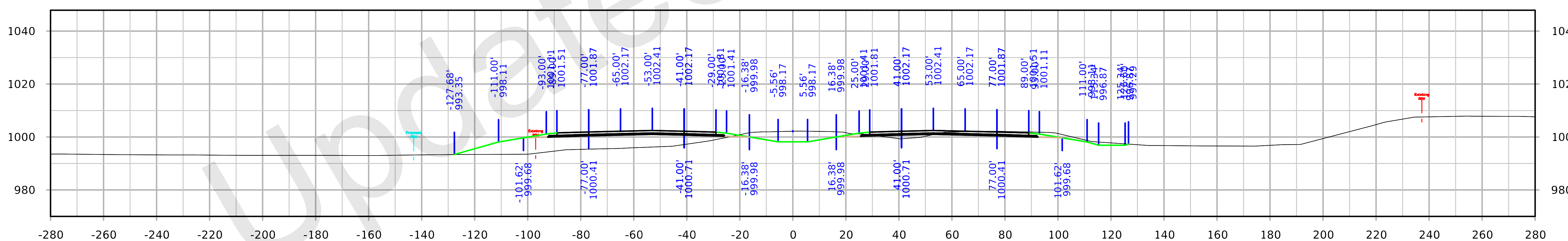
8:54:36 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



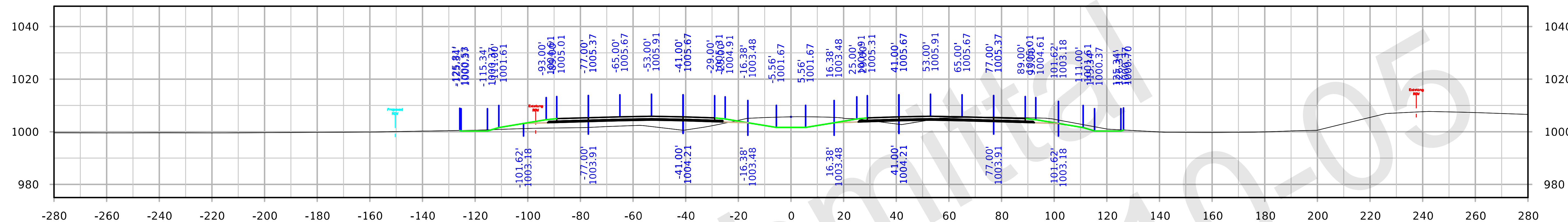
STA. 2020+00.00



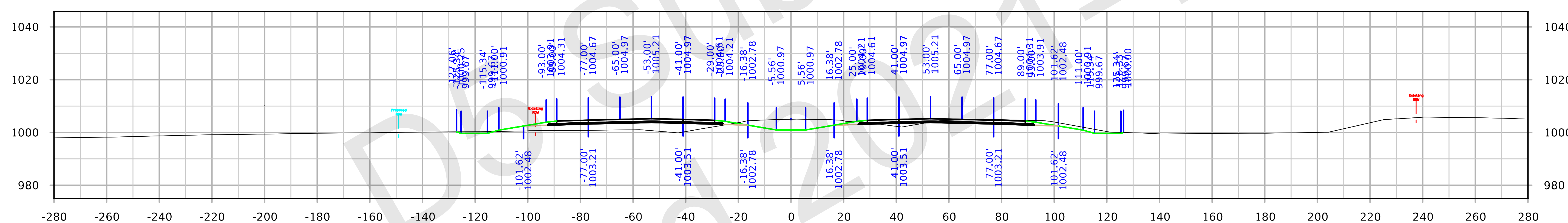
STA. 2019+00.00



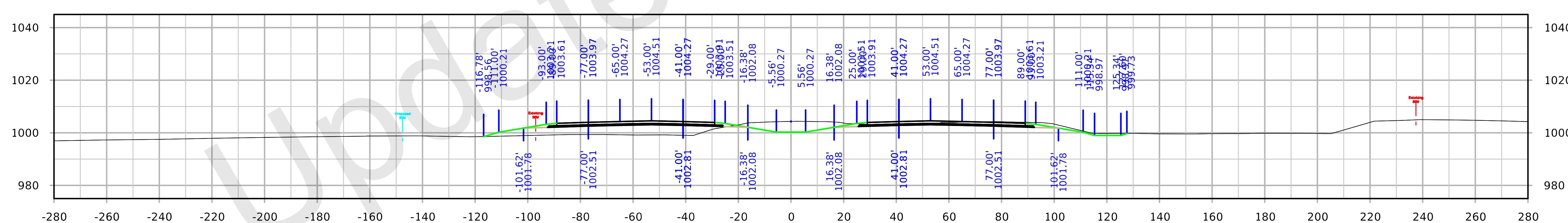
STA. 2018+00.00



STA. 2023+00.00

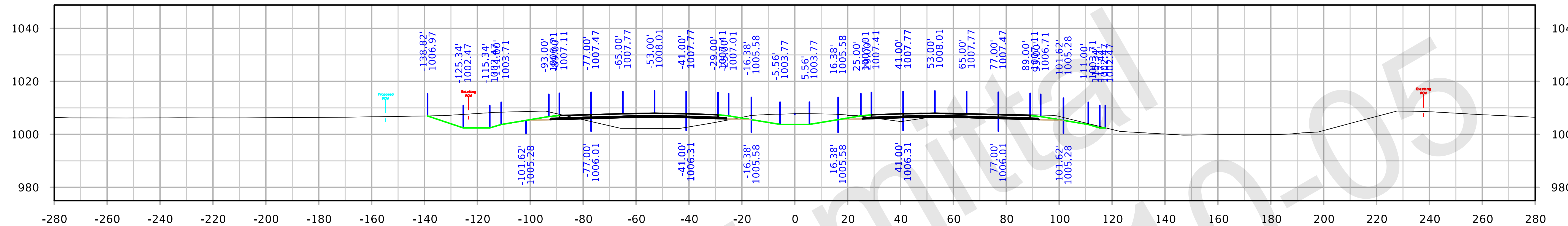


STA. 2022+00.00

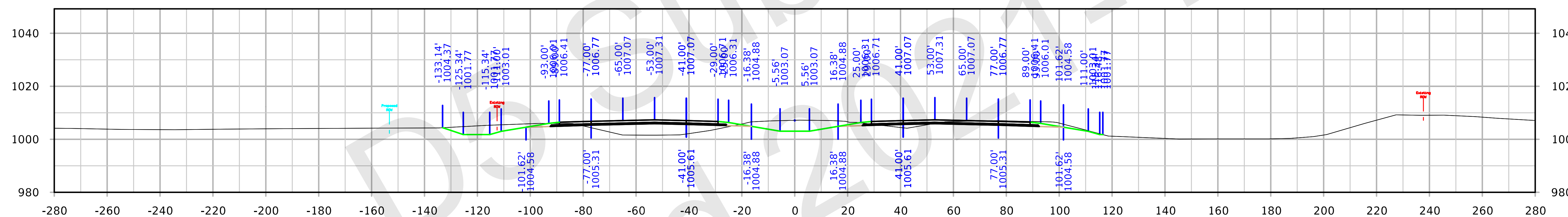


STA. 2021+00.00

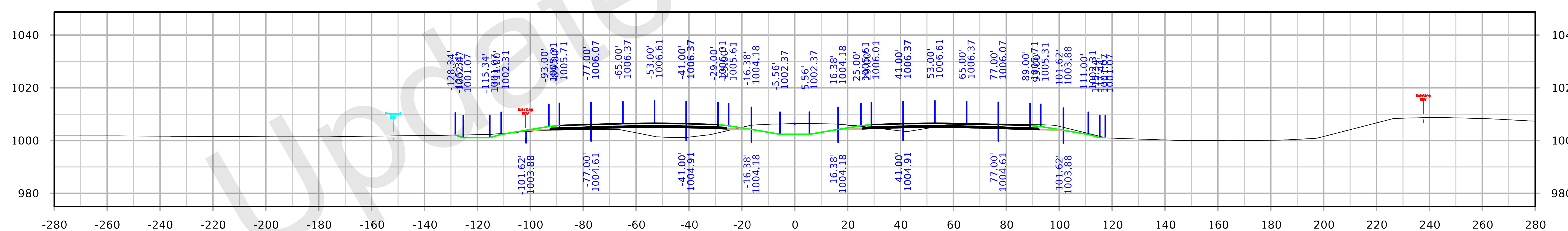
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.101



STA. 2026+00.00

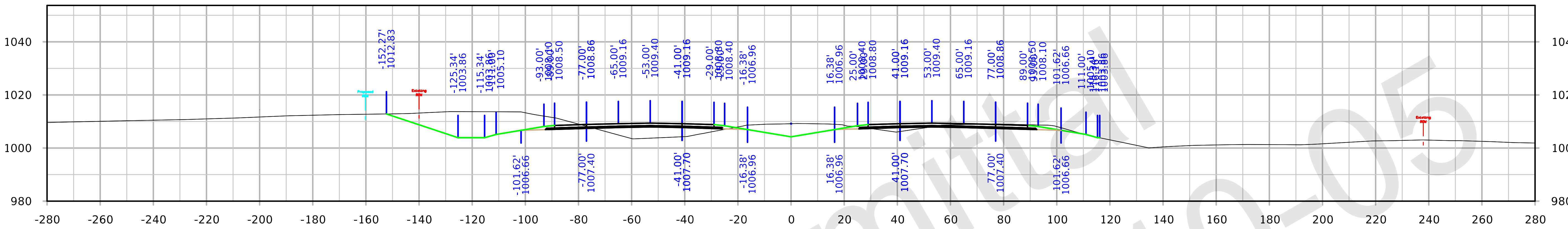


STA. 2025+00.00

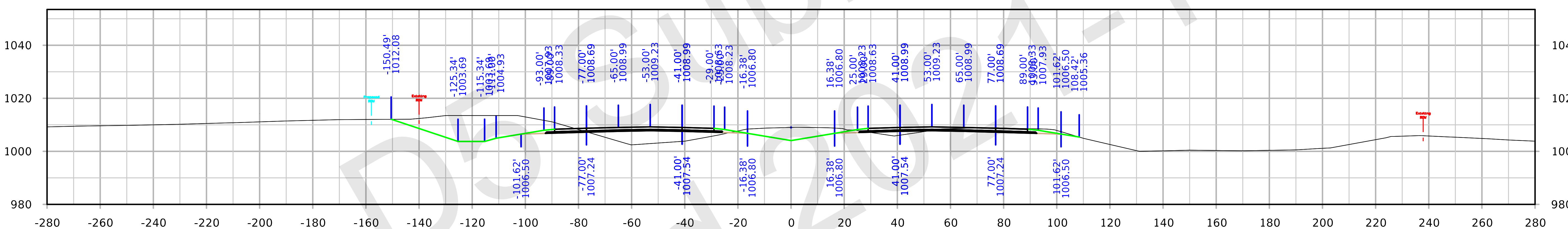


STA. 2024+00.00

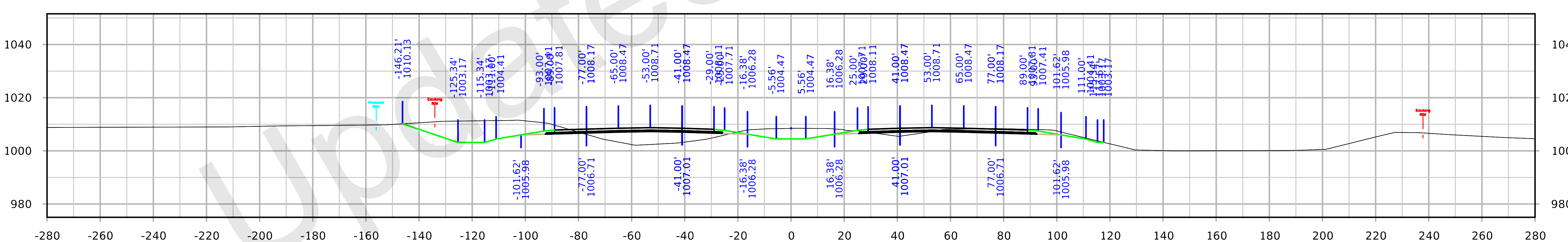
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.102



STA. 2029+00.00



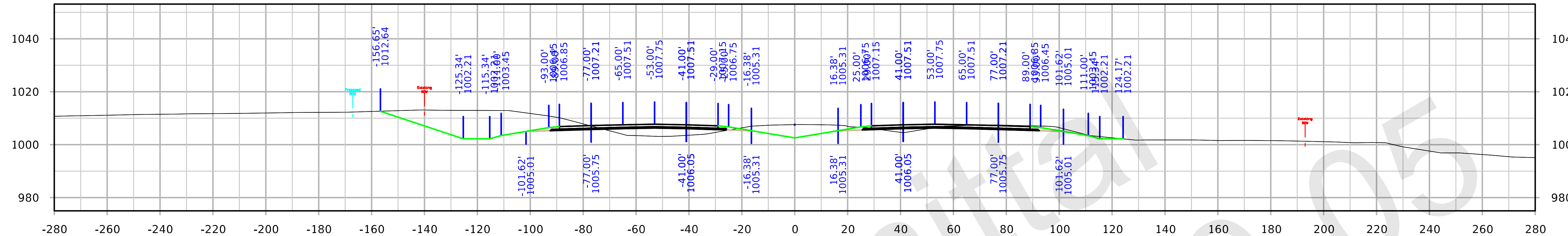
STA. 2028+00.00



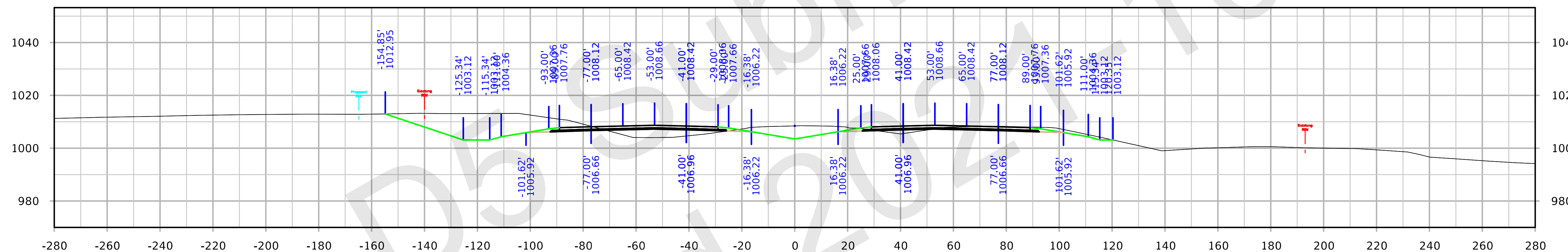
STA. 2027+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.103

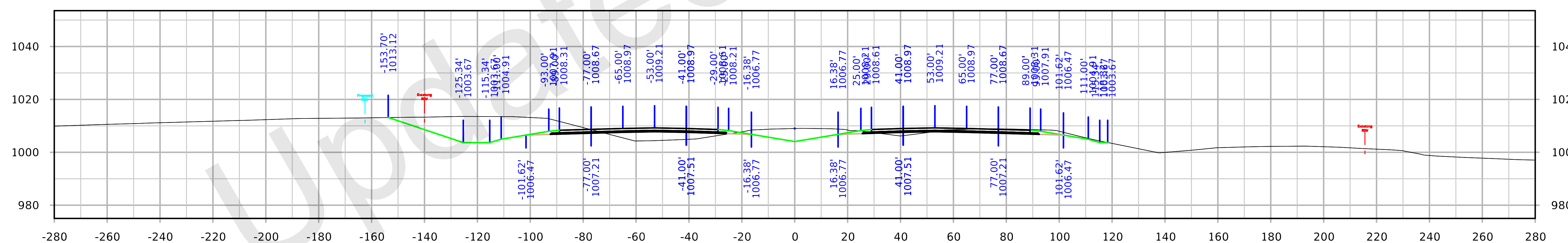
I-35



STA. 2032+00.00

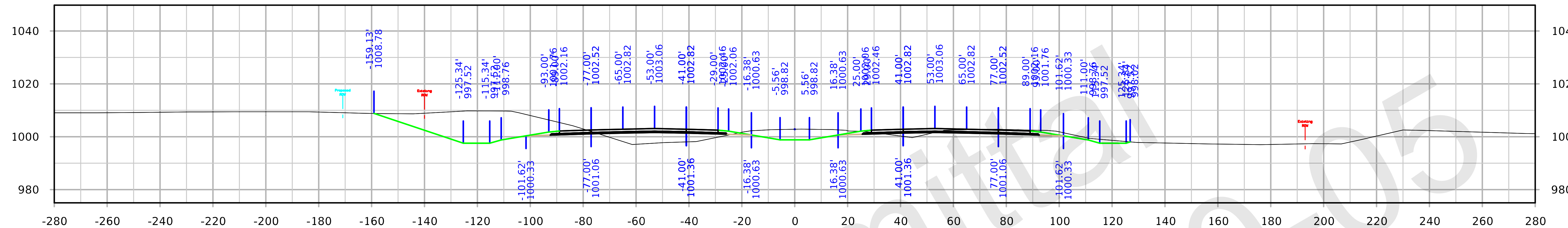


STA. 2031+00.00

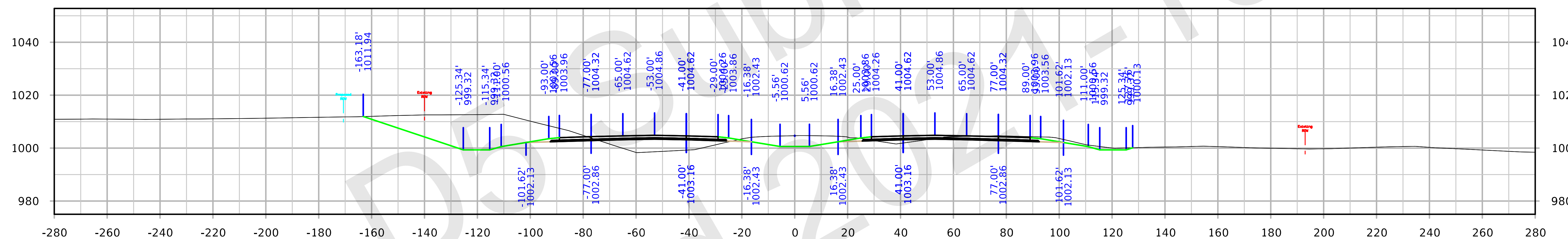


STA. 2030+00.00

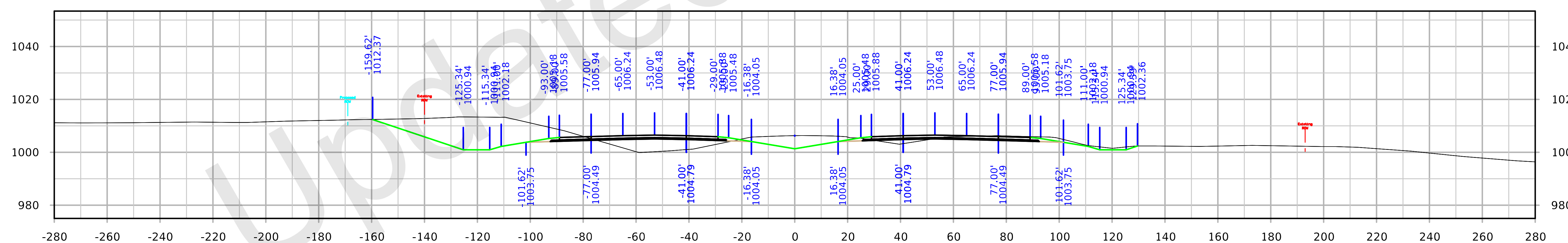
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.104



STA. 2035+00.00

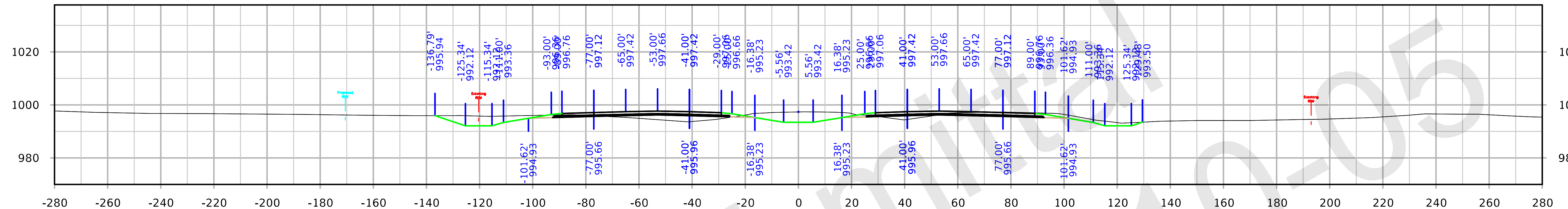


STA. 2034+00.00

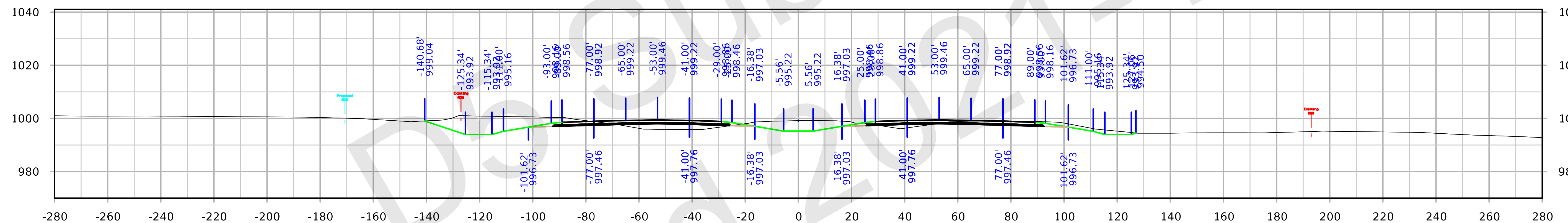


STA. 2033+00.00

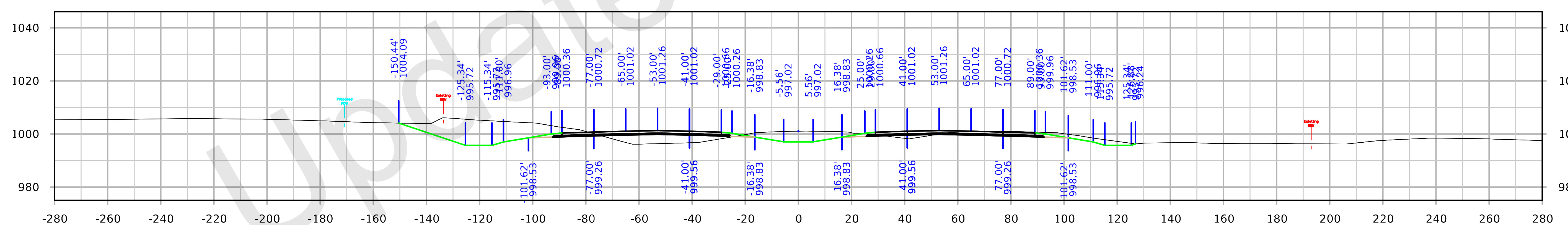
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.105



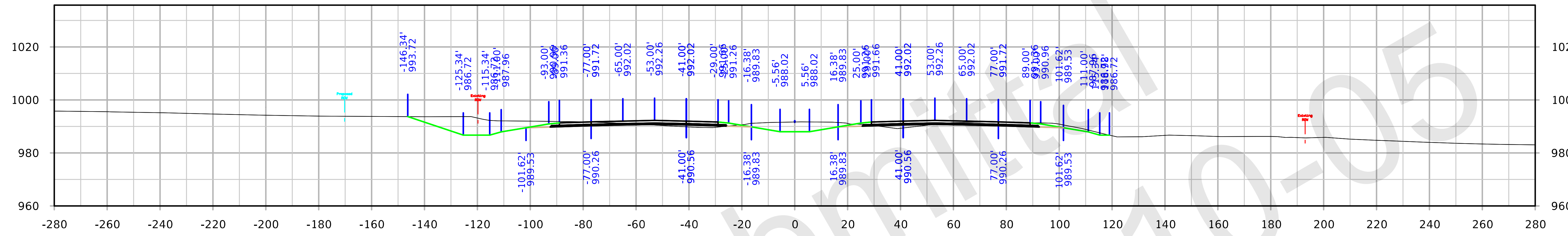
STA. 2038+00.00



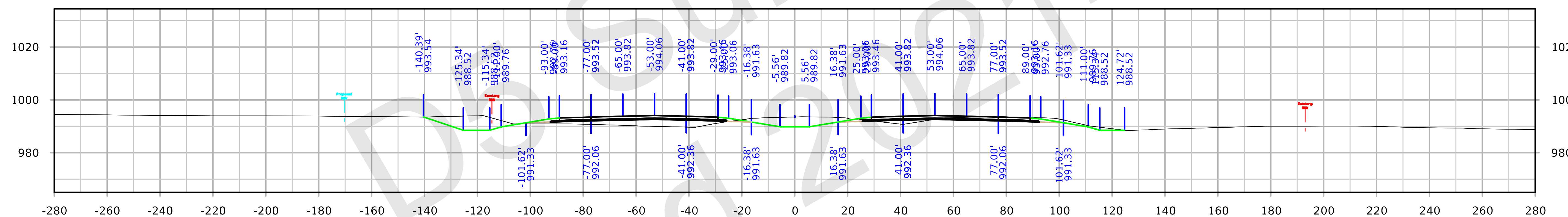
STA. 2037+00.00



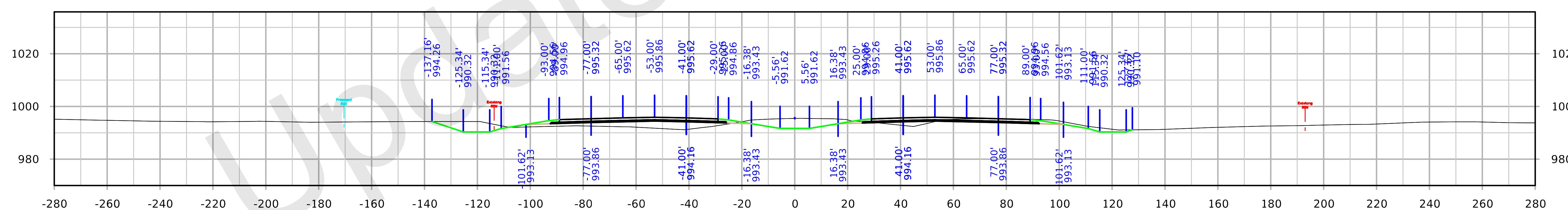
STA. 2036+00.00



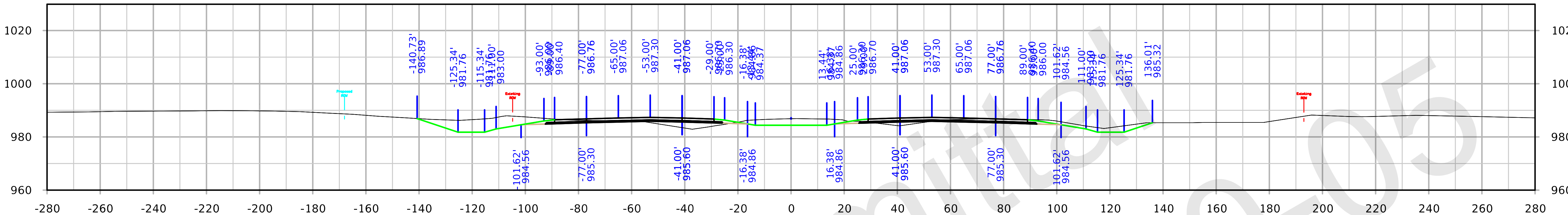
STA. 2041+00.00



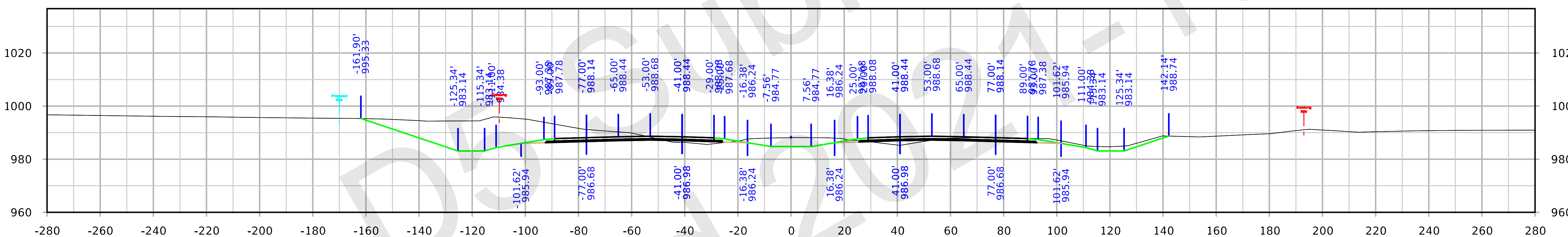
STA. 2040+00.00



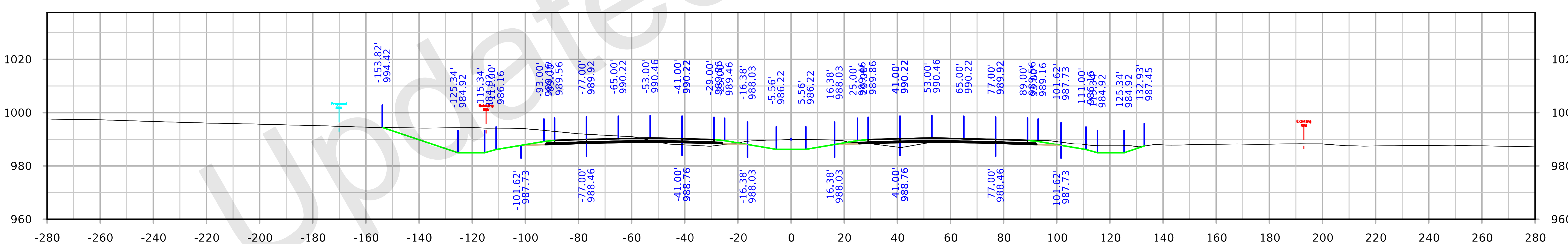
STA. 2039+00.00



STA. 2044+00.00



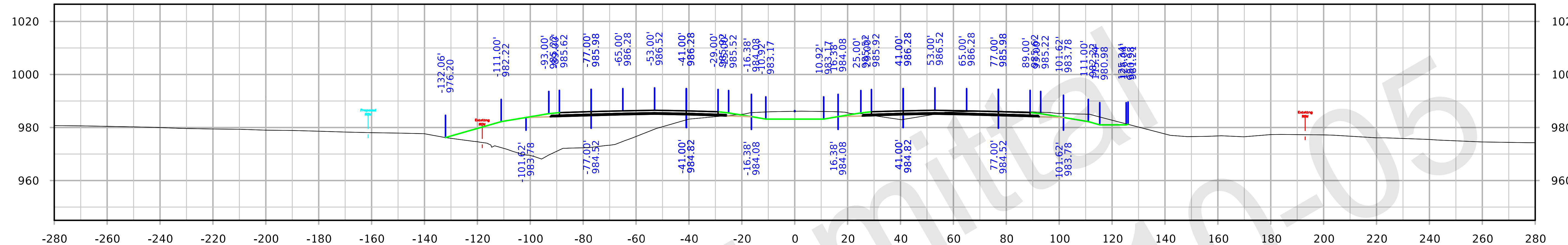
STA. 2043+00.00



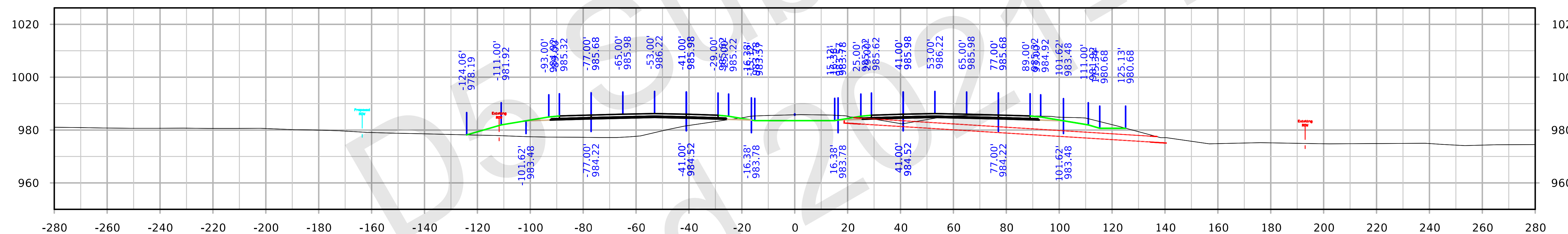
STA. 2042+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.108

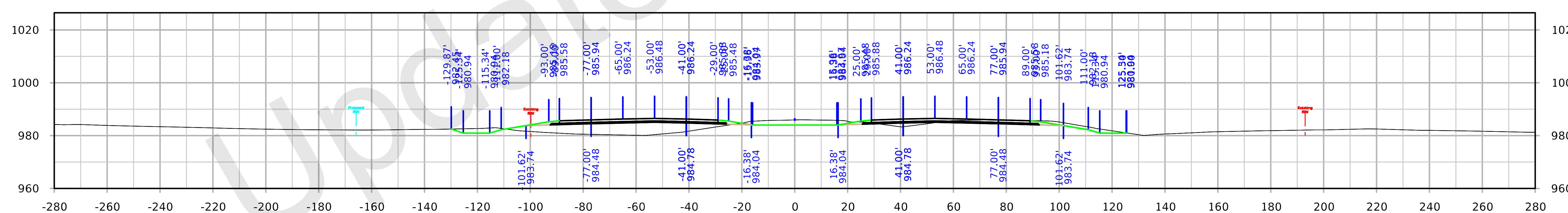
9:08:51 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 2047+00.00



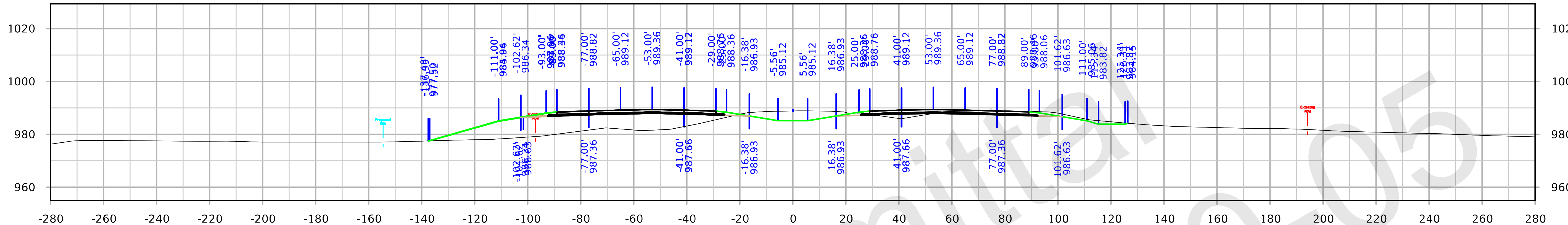
STA. 2046+00.00



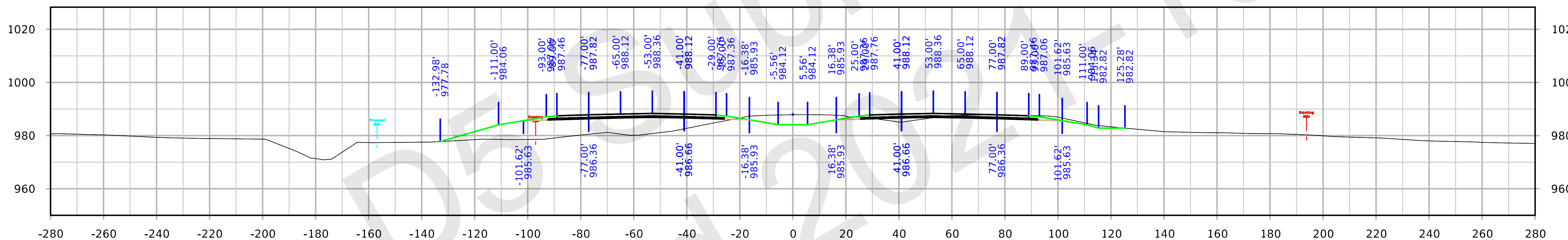
STA. 2045+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.109

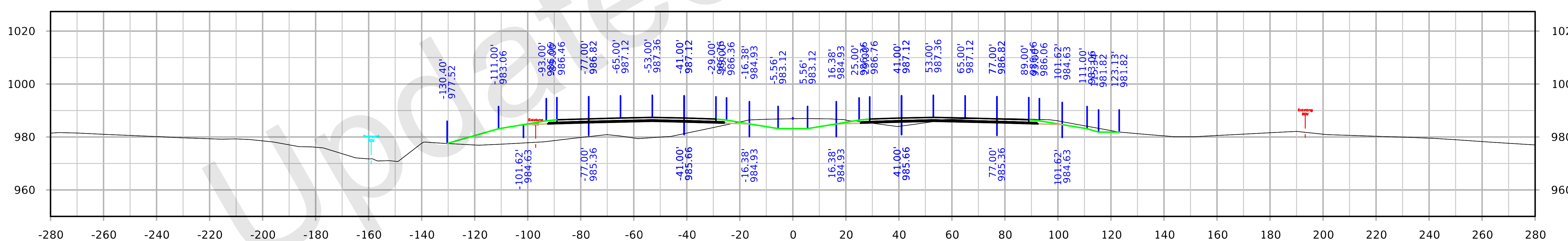
9:10:09 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 2050+00.00

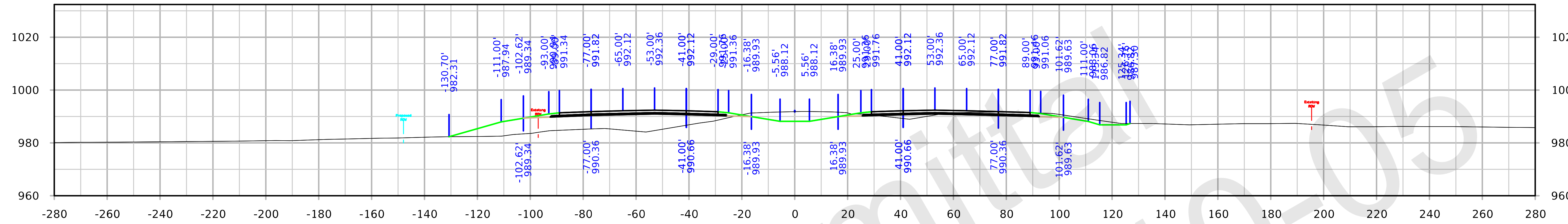


STA. 2049+00.00

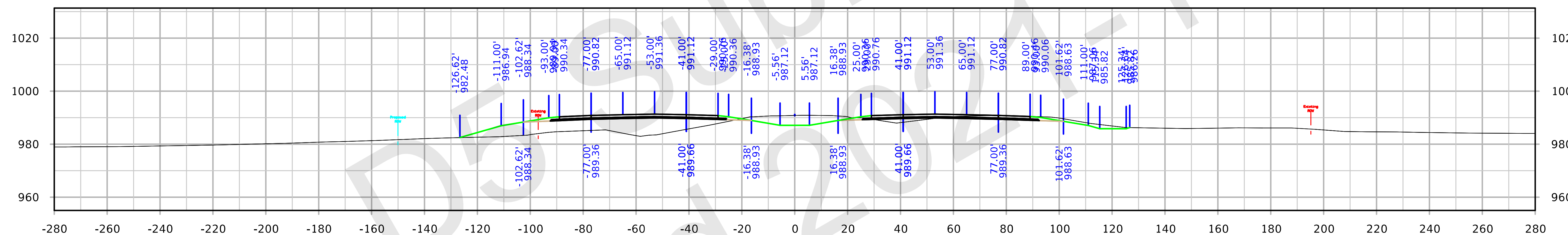


STA. 2048+00.00

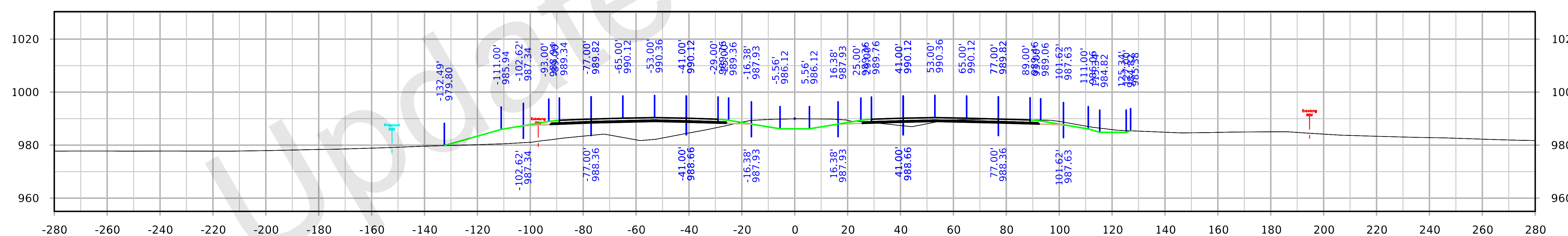
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.110



STA. 2053+00.00



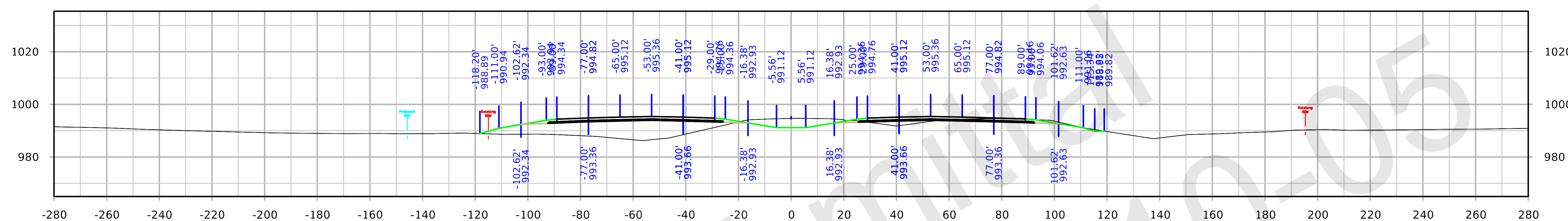
STA. 2052+00.00



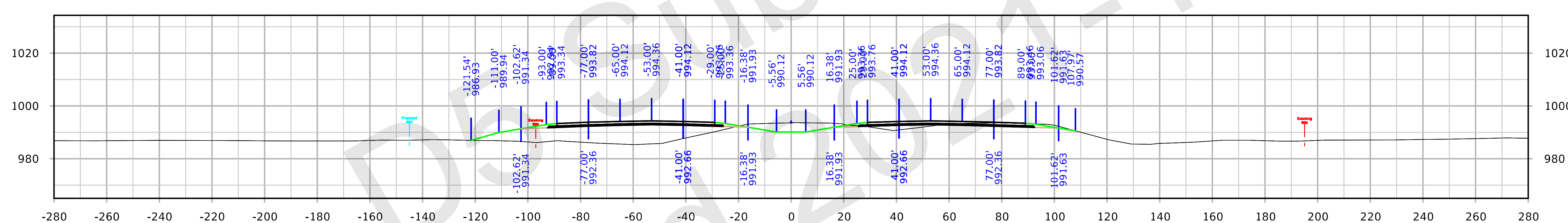
STA. 2051+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.111

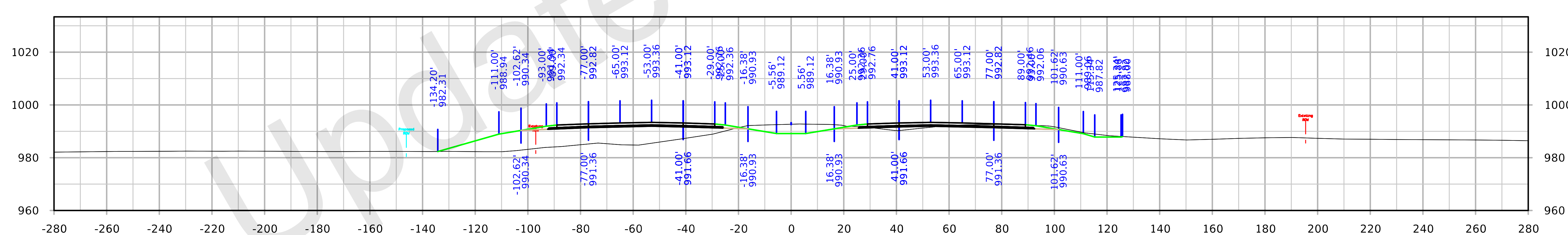
I-35



STA. 2056+00.00

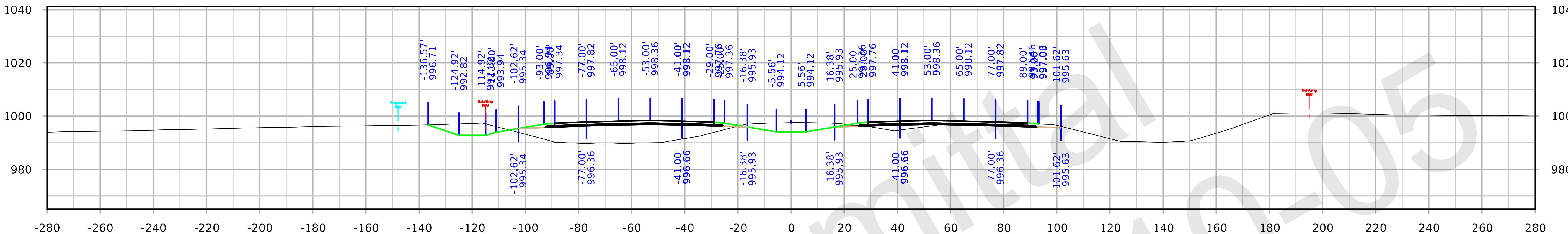


STA. 2055+00.00

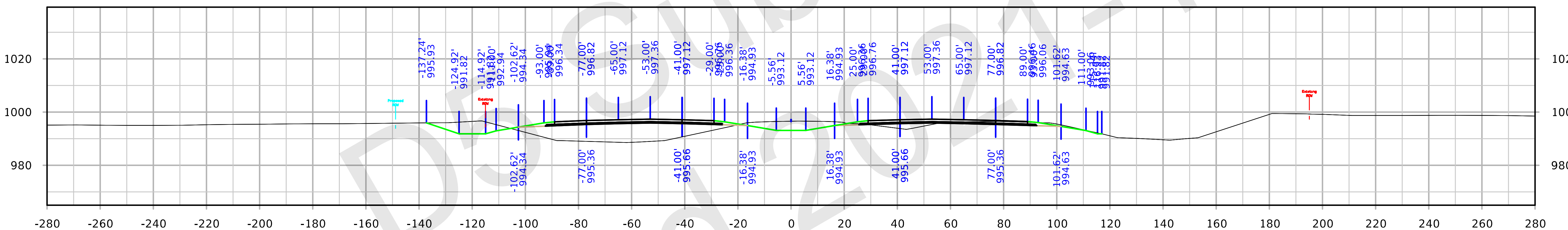


STA. 2054+00.00

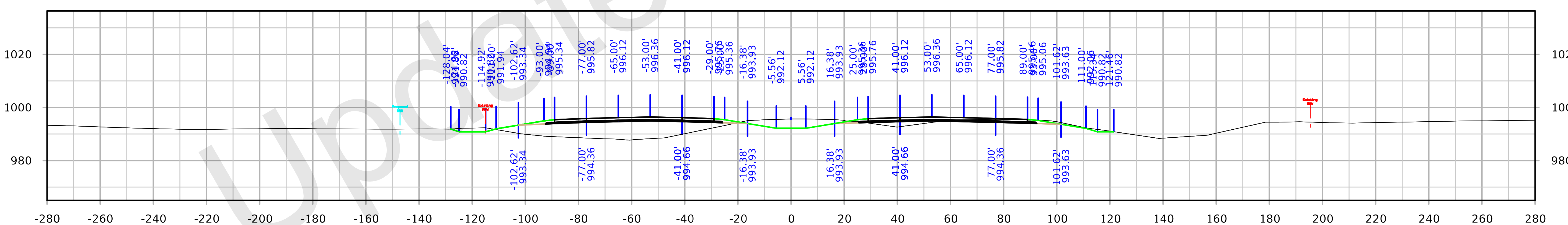
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.112



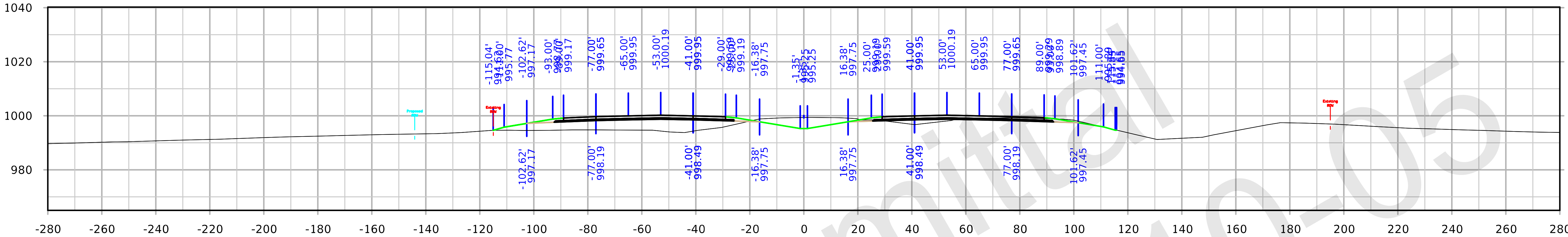
STA. 2059+00.00



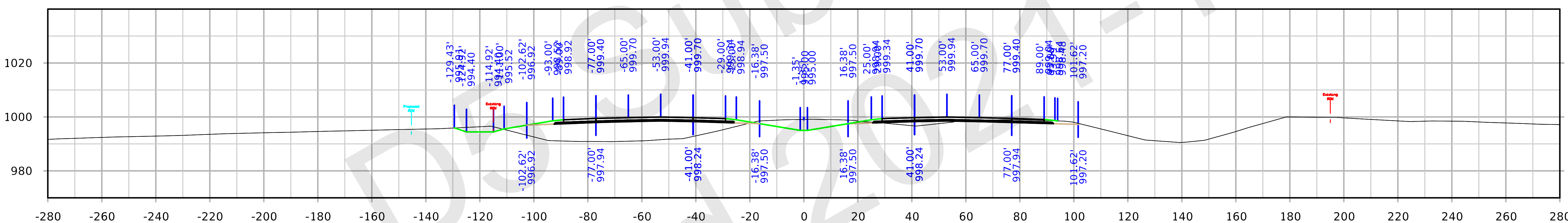
STA. 2058+00.00



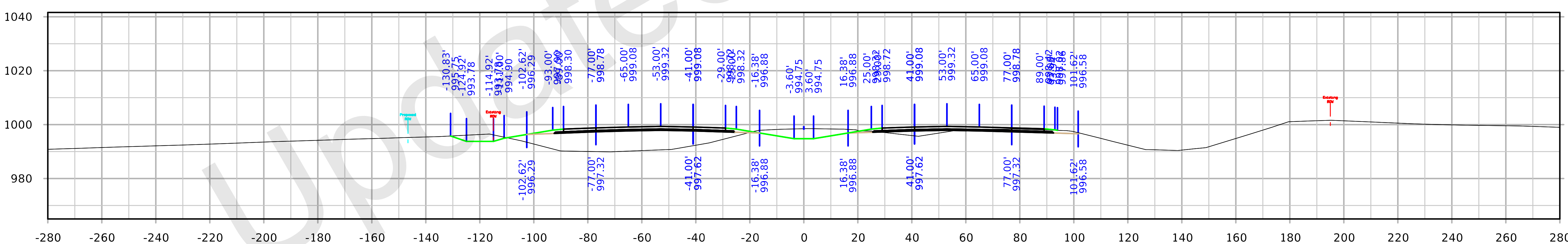
STA. 2057+00.00



STA. 2062+00.00



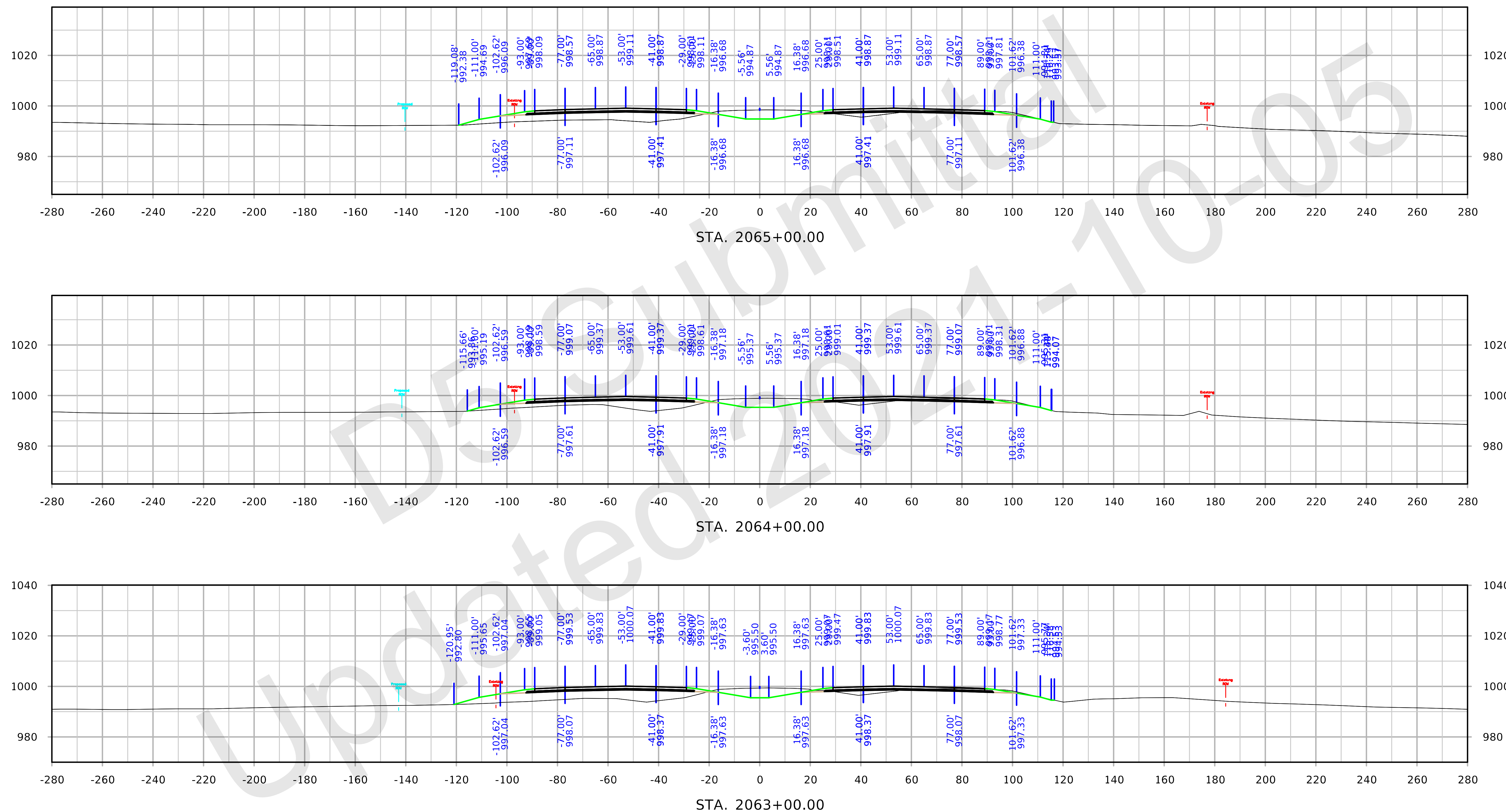
STA. 2061+00.00

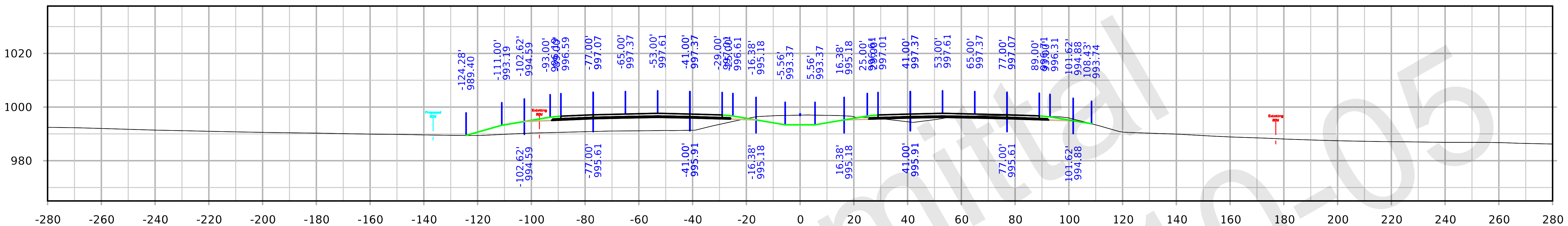


STA. 2060+00.00

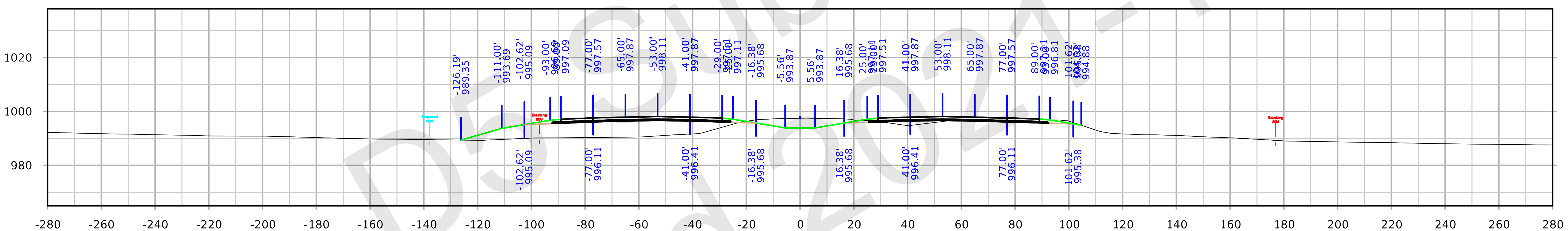
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.114

9:16:19 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn

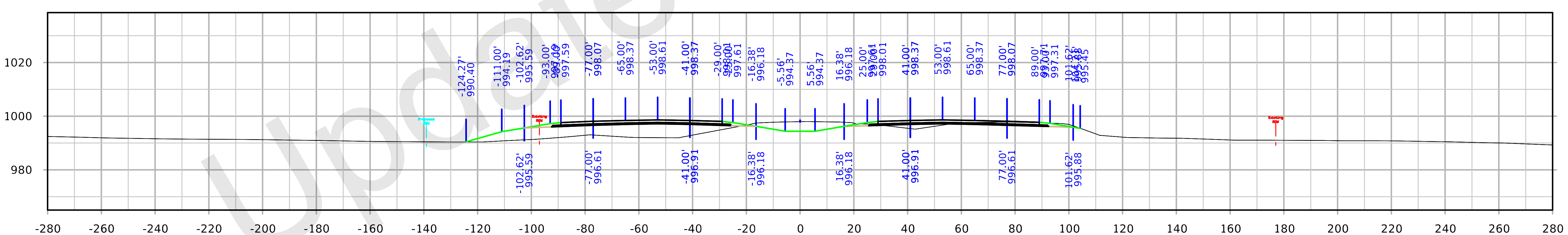

STA. 2065+00.00
STA. 2064+00.00
STA. 2063+00.00



STA. 2068+00.00

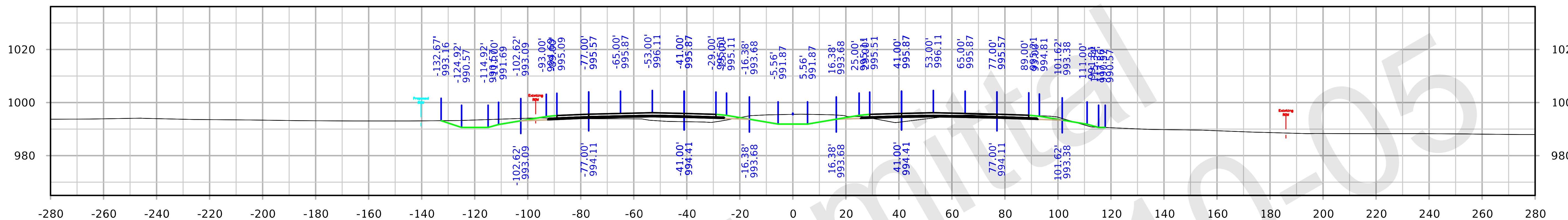


STA. 2067+00.00

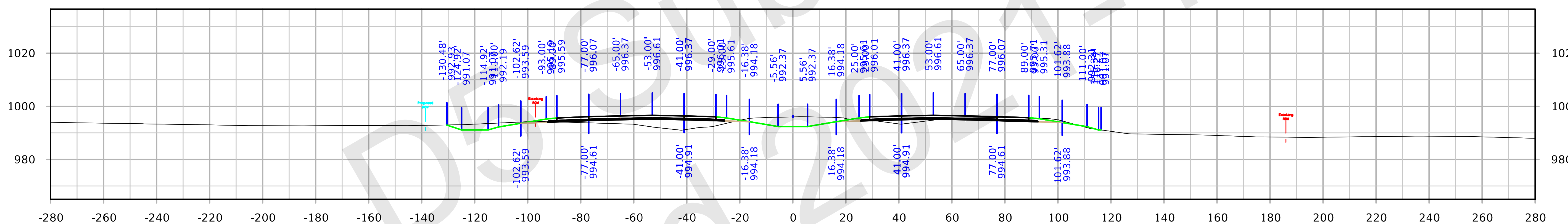


STA. 2066+00.00

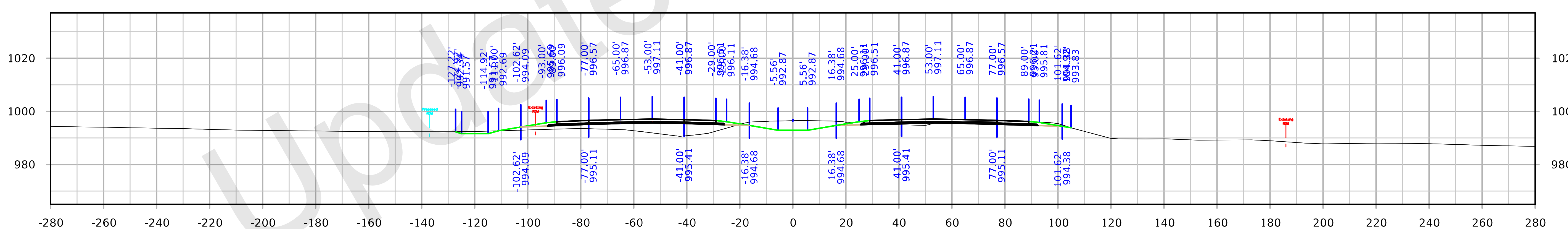
I-35



STA. 2071+00.00



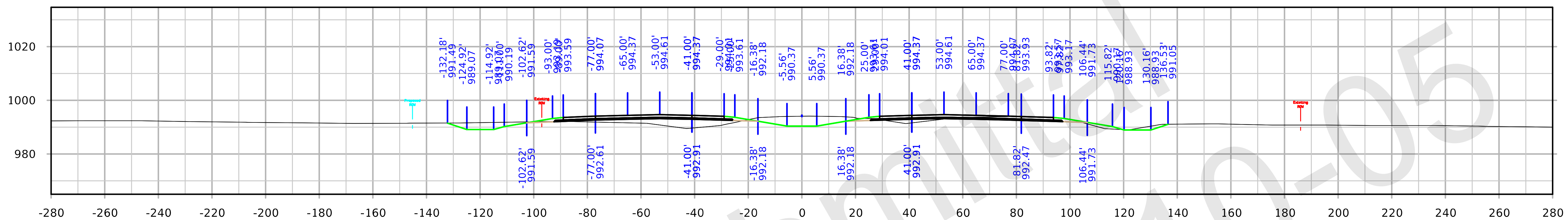
STA. 2070+00.00



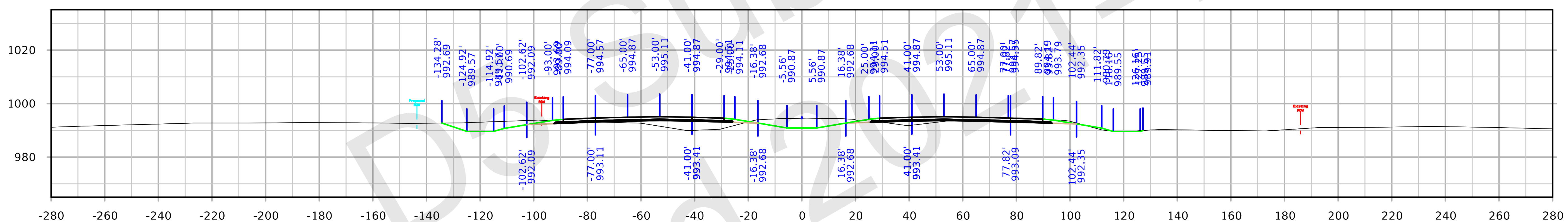
STA. 2069+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.117

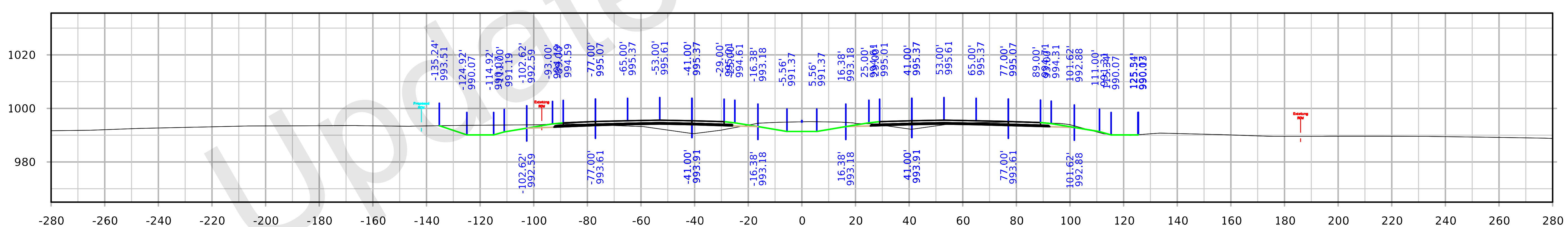
9:19:46 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



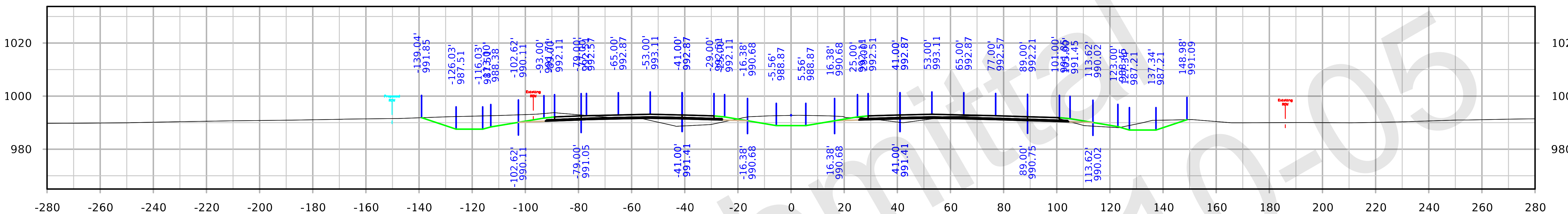
STA. 2074+00.00



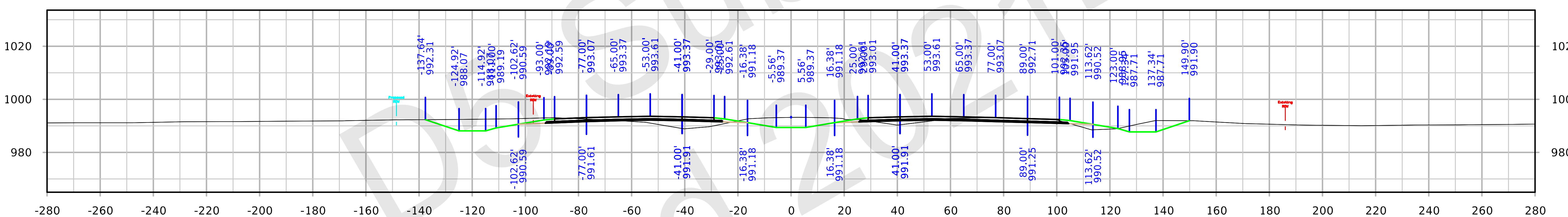
STA. 2073+00.00



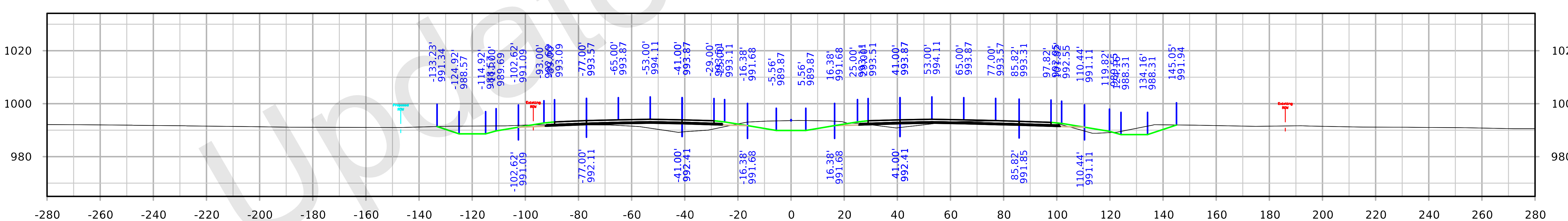
STA. 2072+00.00



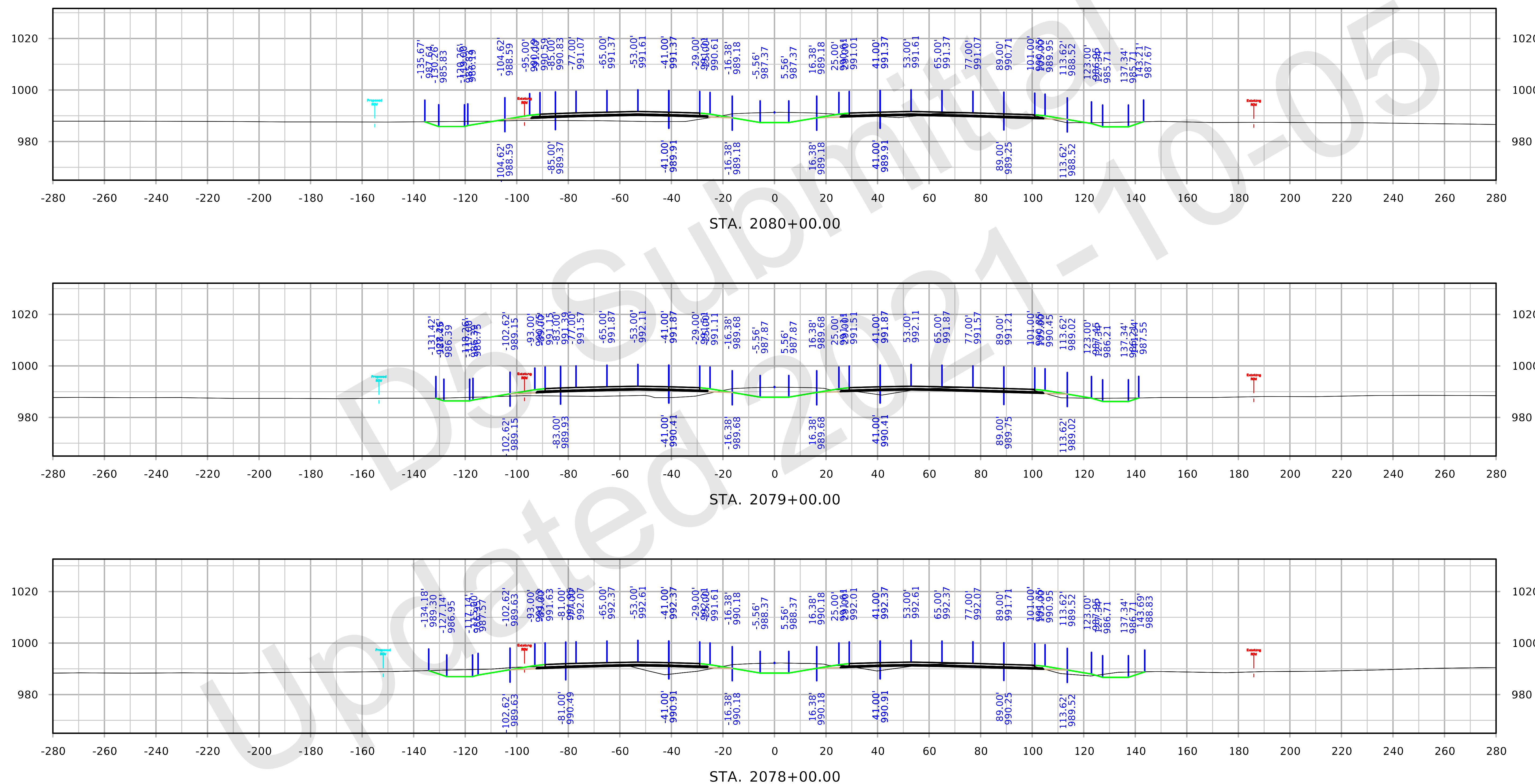
STA. 2077+00.00

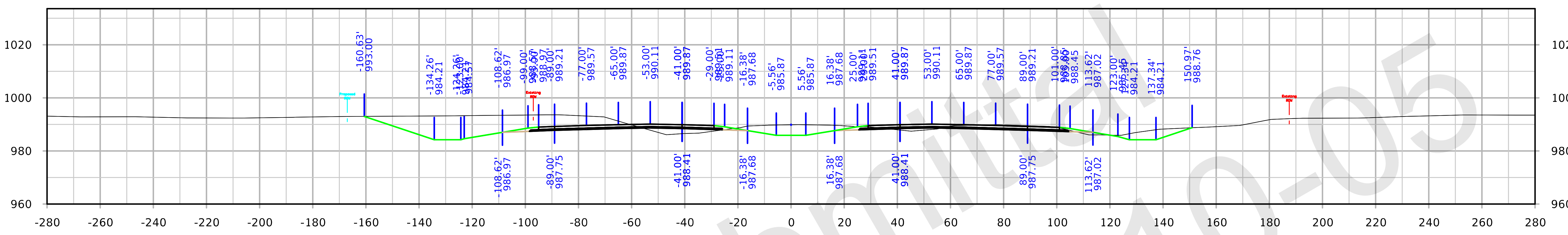


STA. 2076+00.00

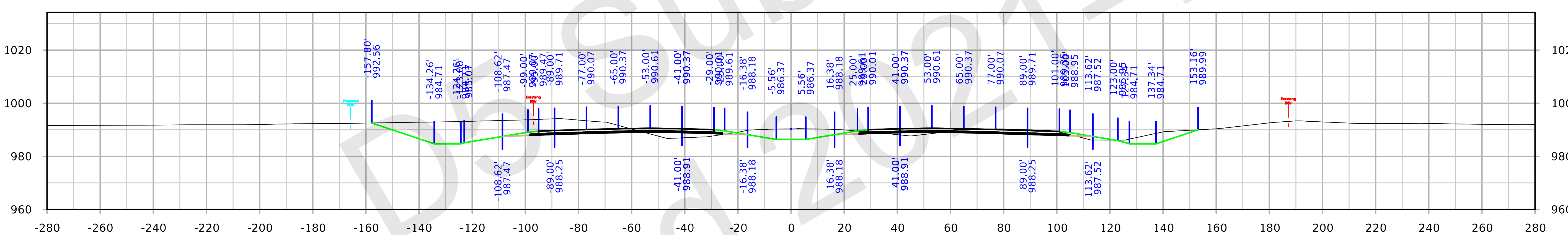


STA. 2075+00.00

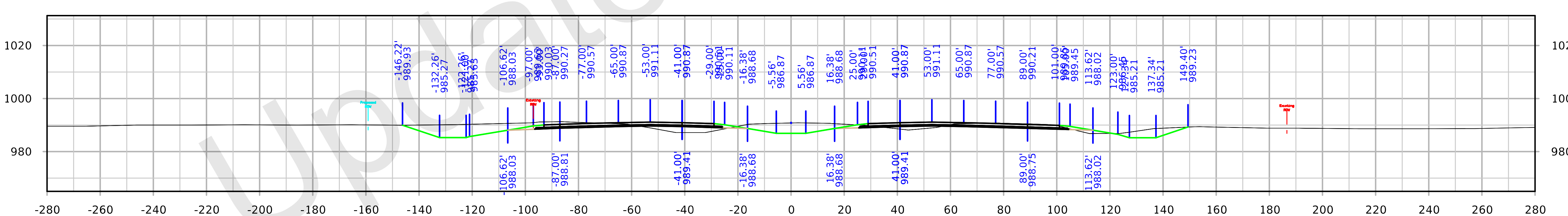

STA. 2080+00.00
STA. 2079+00.00
STA. 2078+00.00
D5 Submittal
Updated 2021-10-05



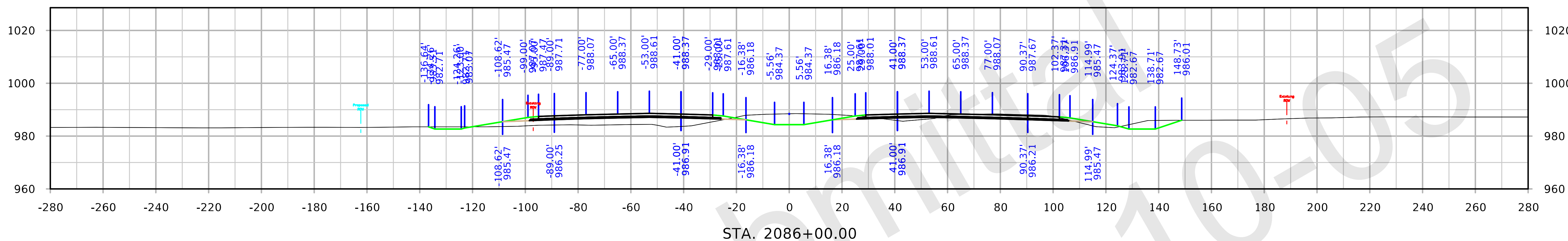
STA. 2083+00.00



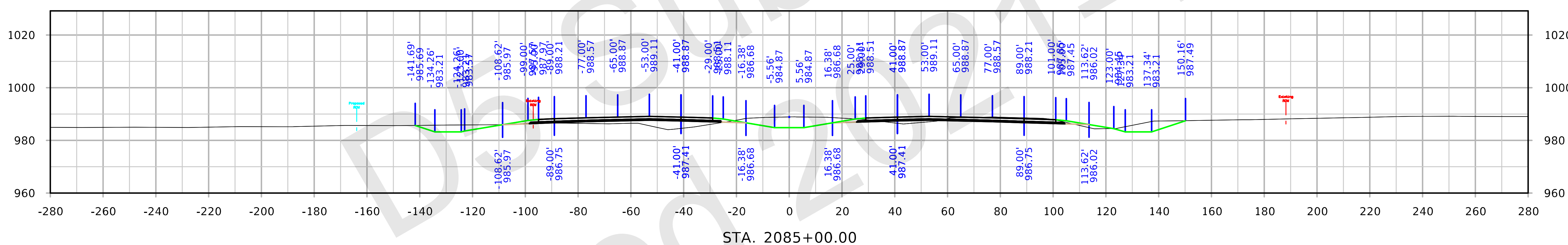
STA. 2082+00.00



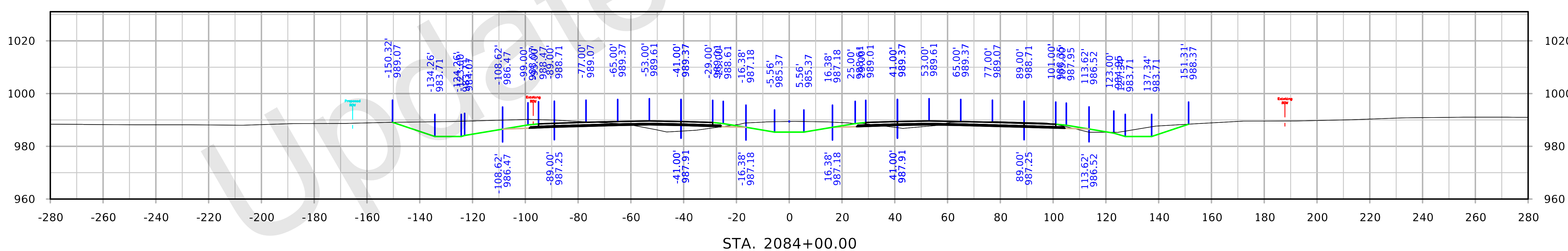
STA. 2081+00.00



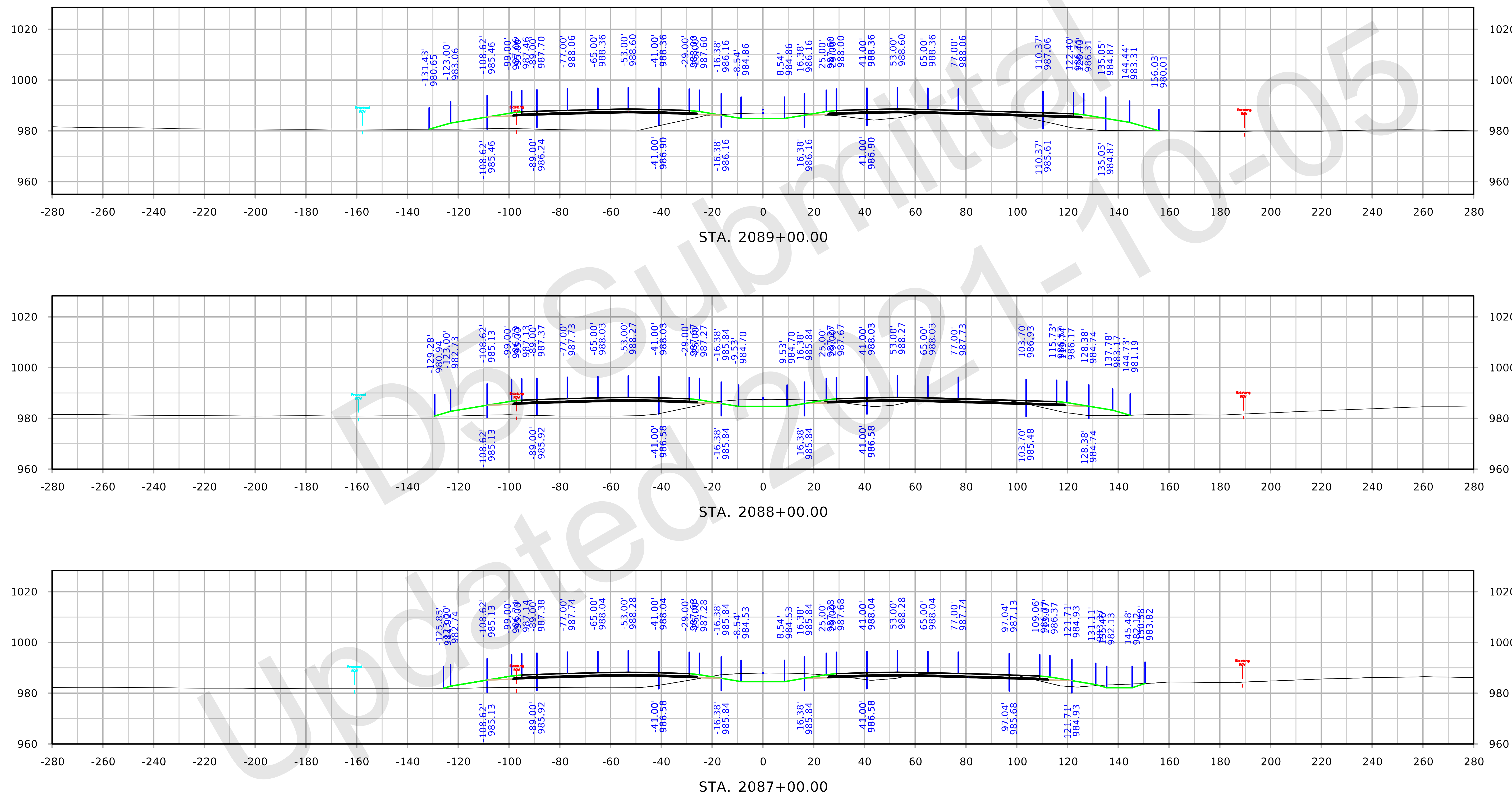
STA. 2086+00.00



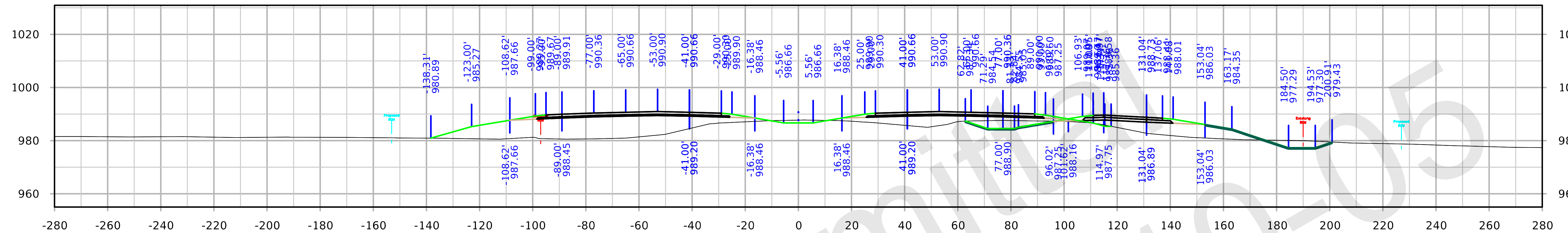
STA. 2085+00.00



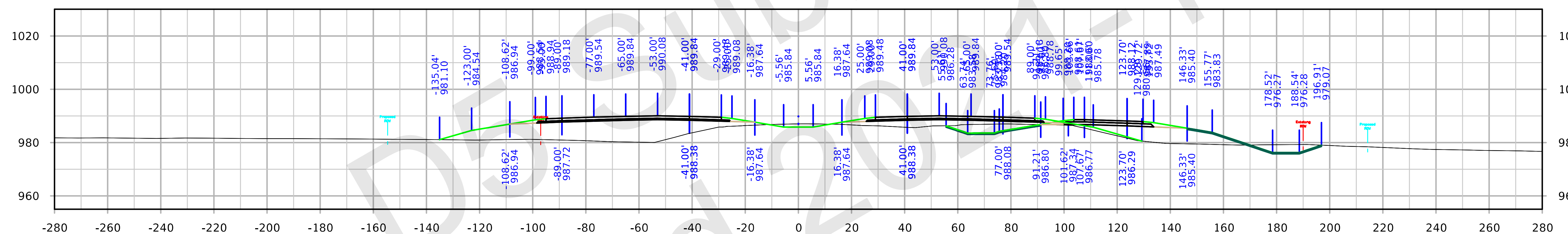
STA. 2084+00.00



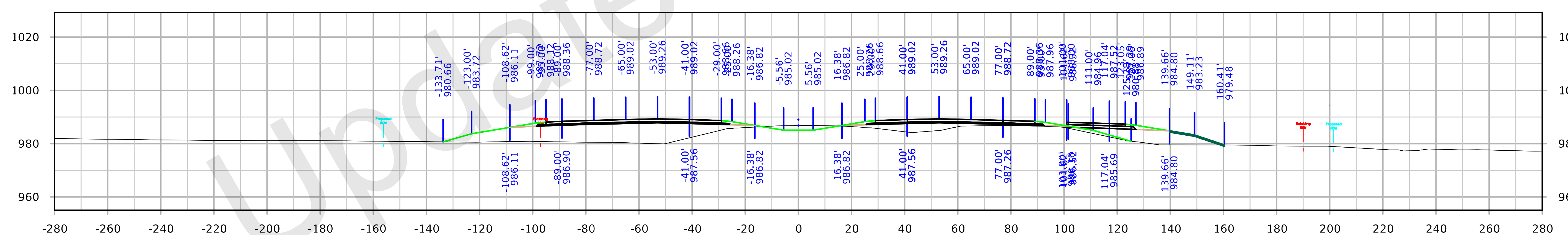
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.123



STA. 2092+00.00

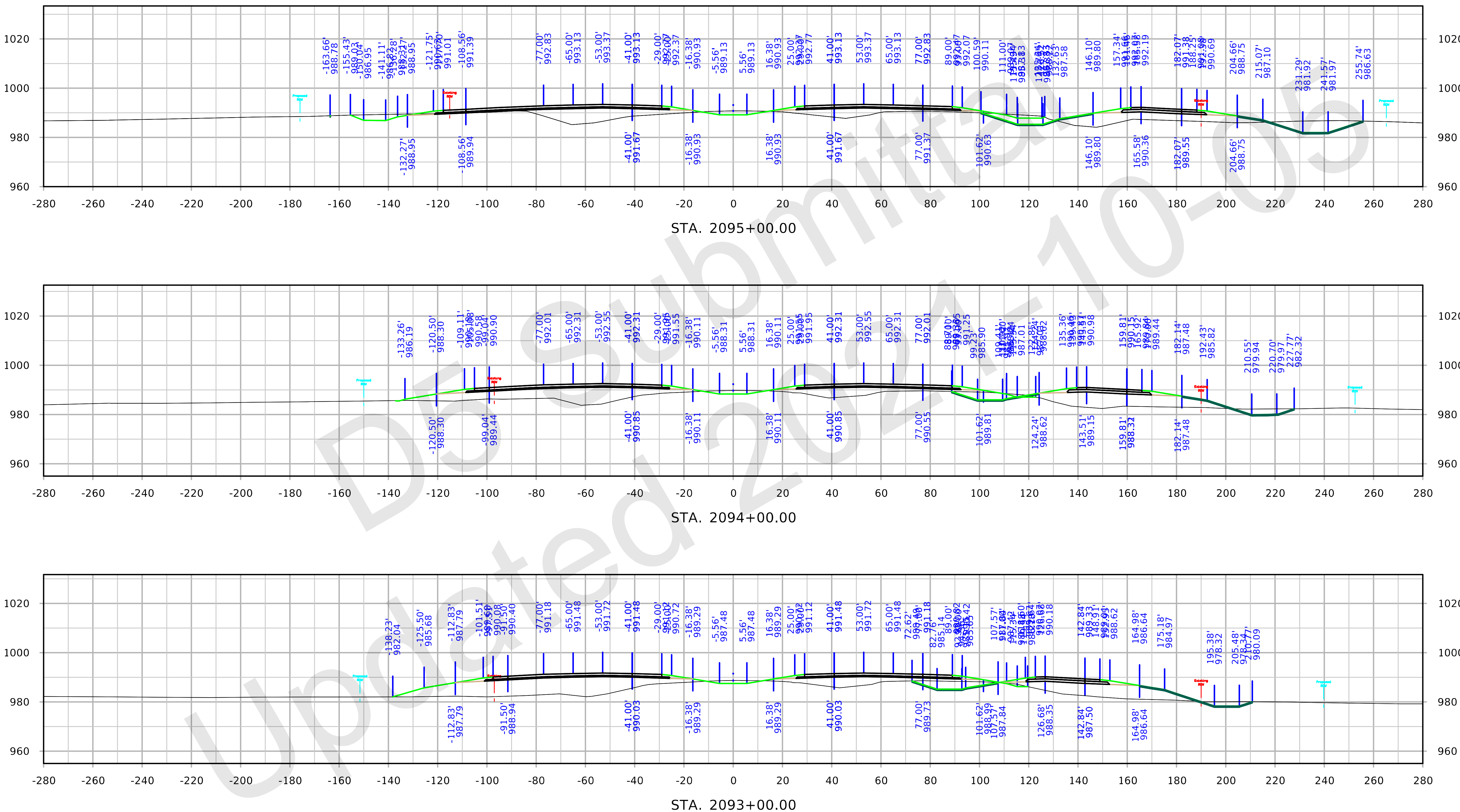


STA. 2091+00.00



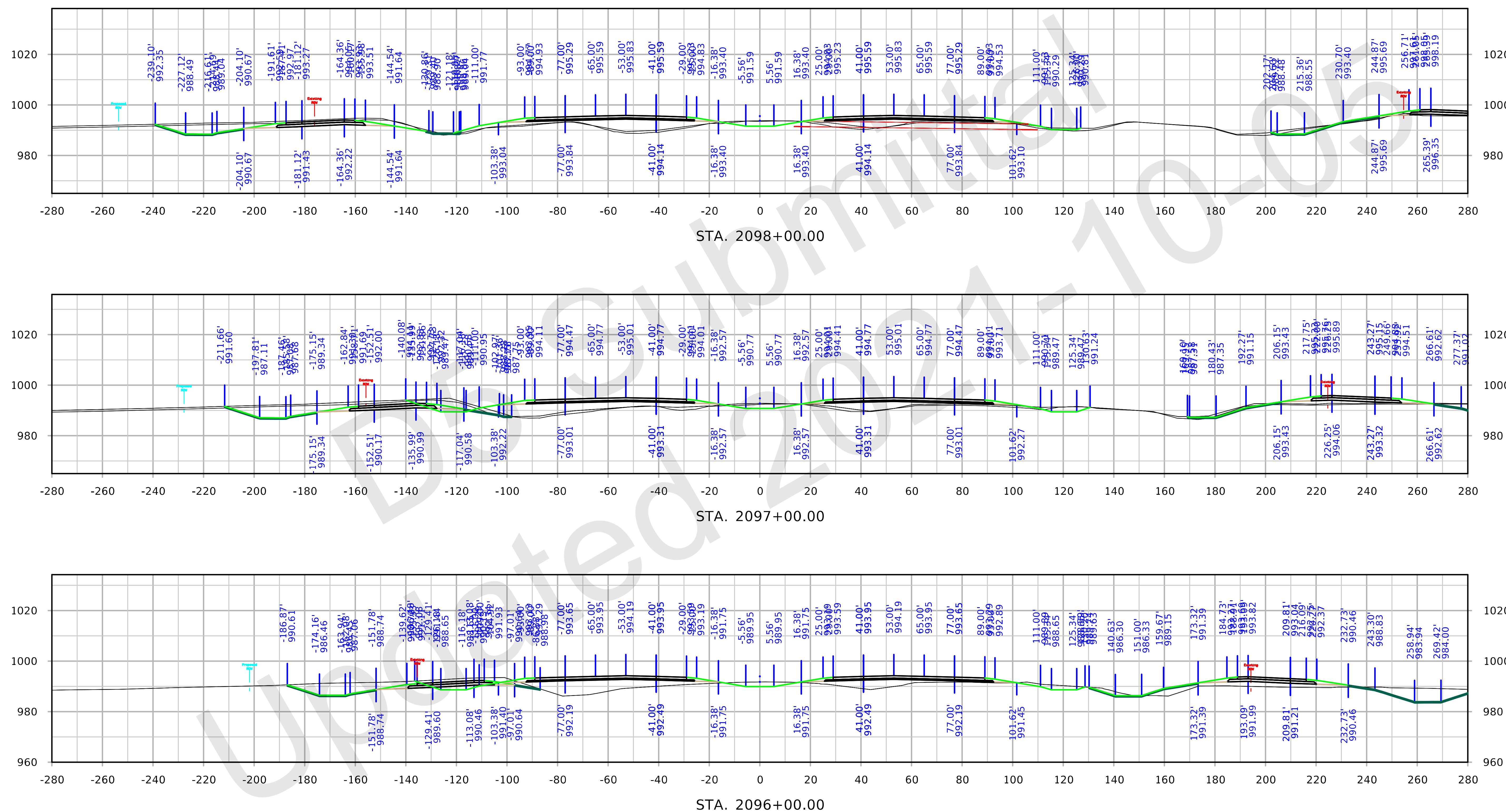
STA. 2090+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.124

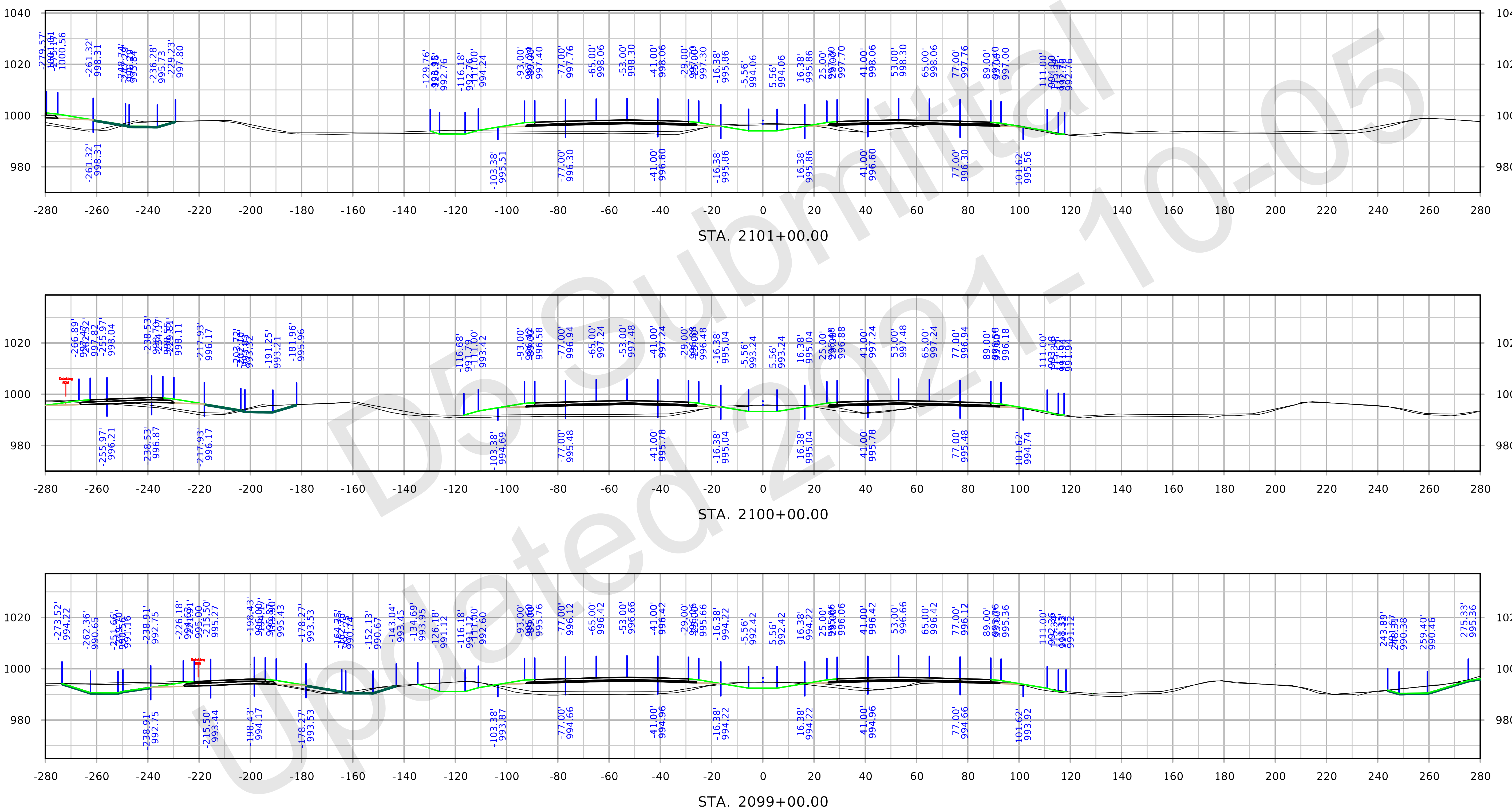


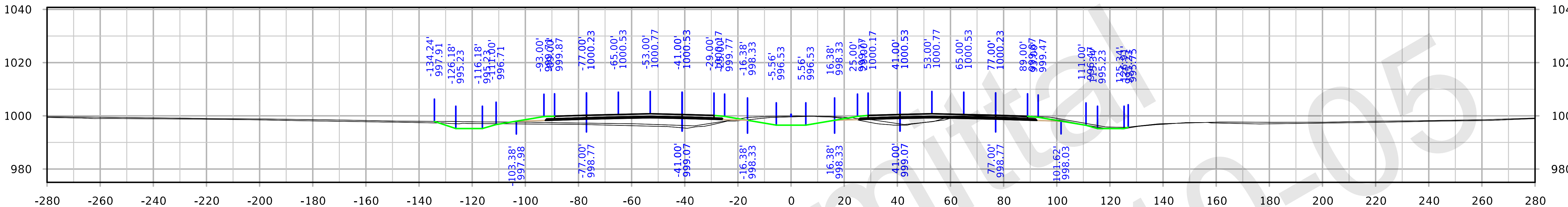
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.125

9:29:01 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn

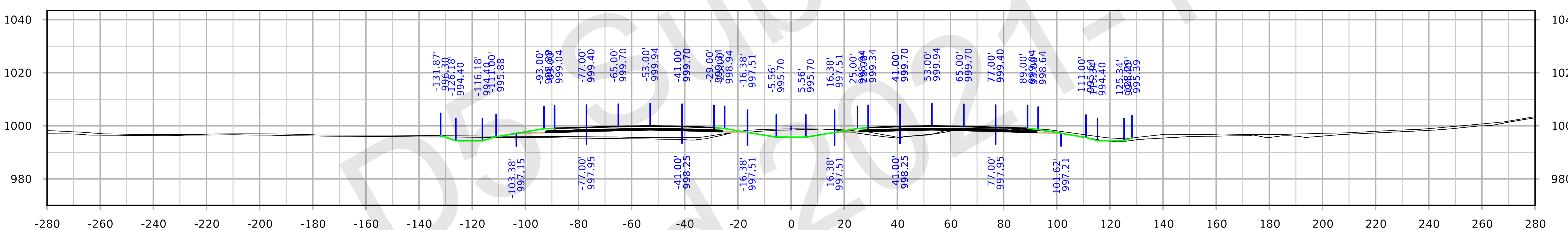


FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.126

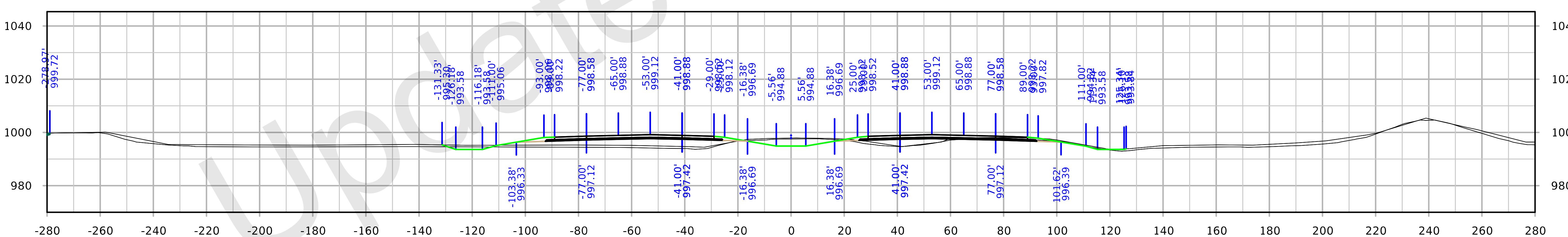

STA. 2101+00.00
STA. 2100+00.00
STA. 2099+00.00



STA. 2104+00.00

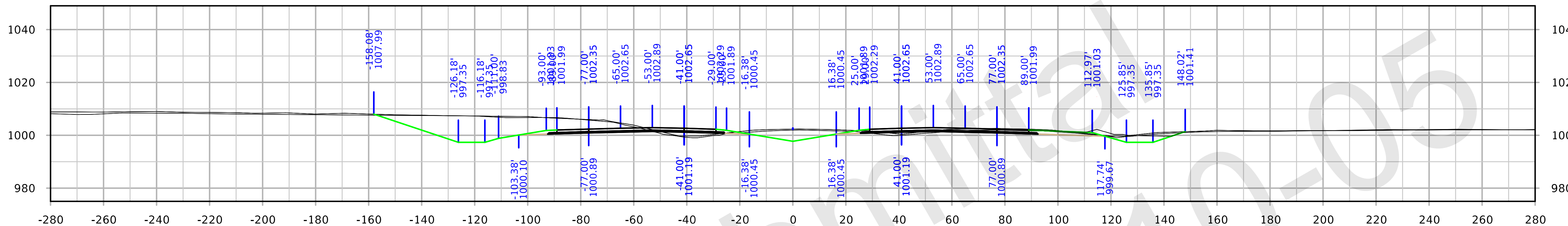


STA. 2103+00.00

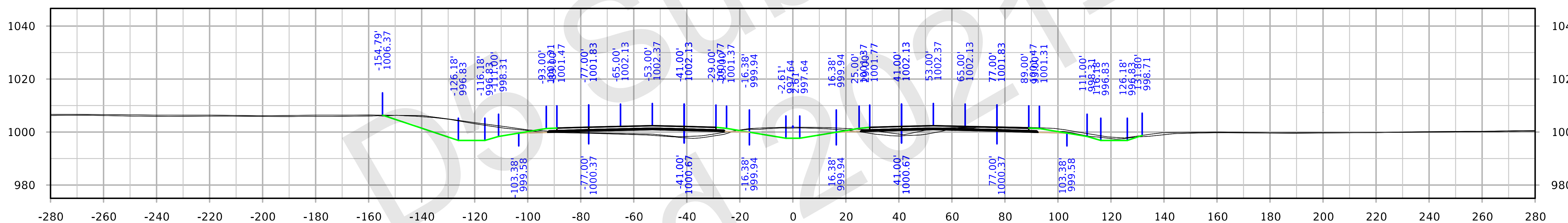


STA. 2102+00.00

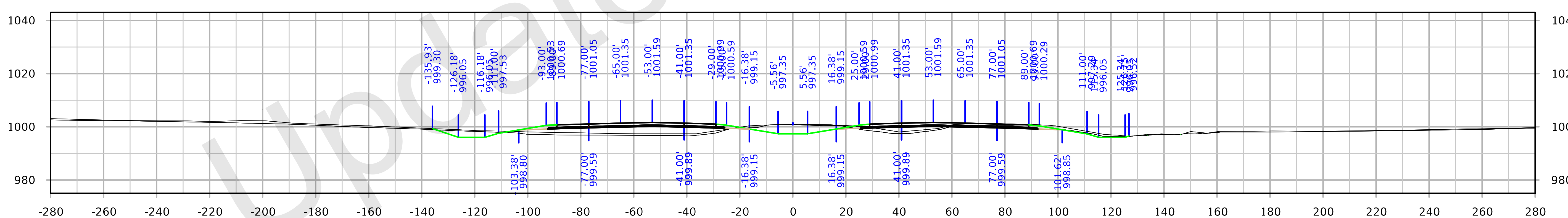
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.128



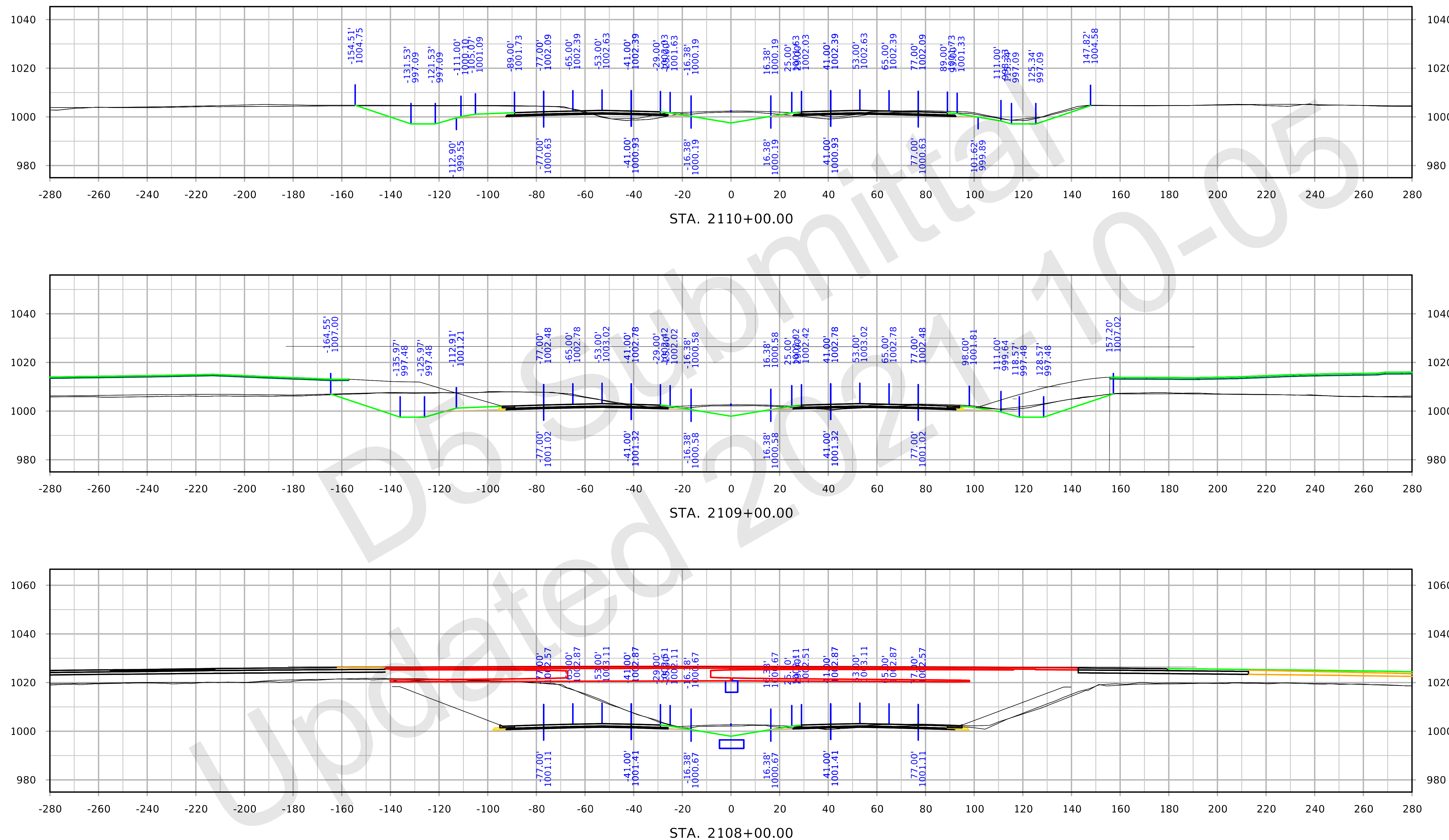
STA. 2107+00.00



STA. 2106+00.00

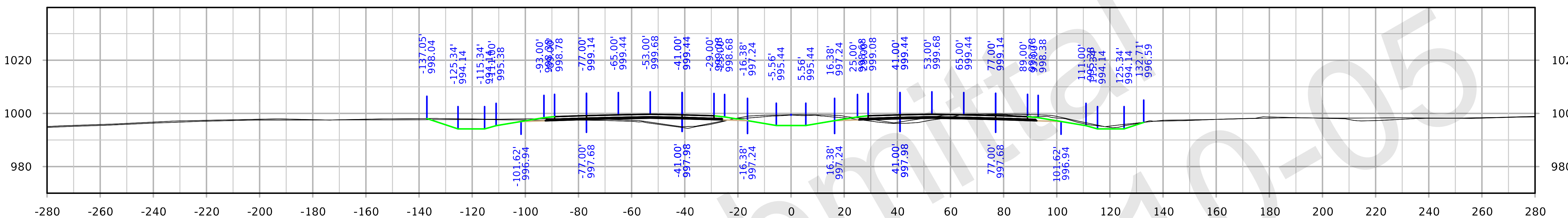


STA. 2105+00.00

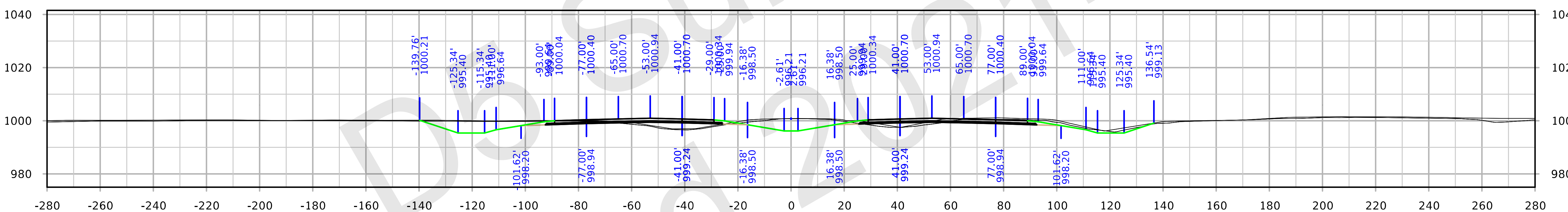


FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.130

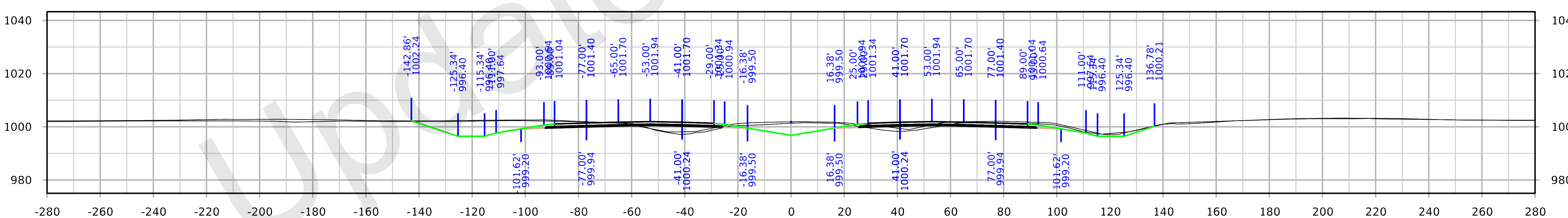
9:34:55 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



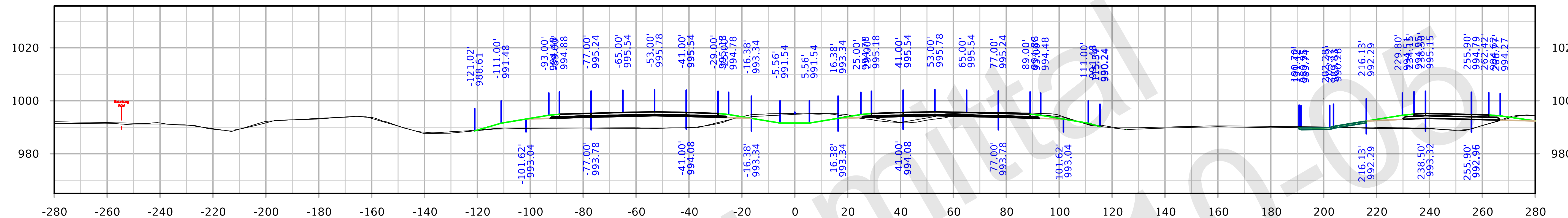
STA. 2113+00.00



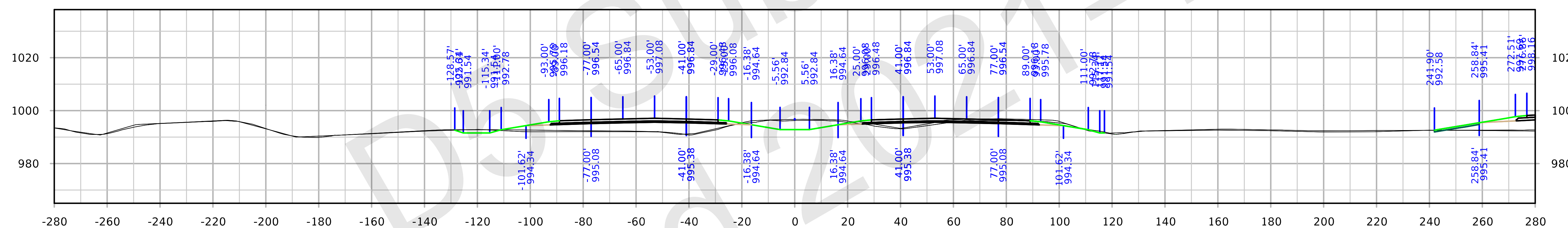
STA. 2112+00.00



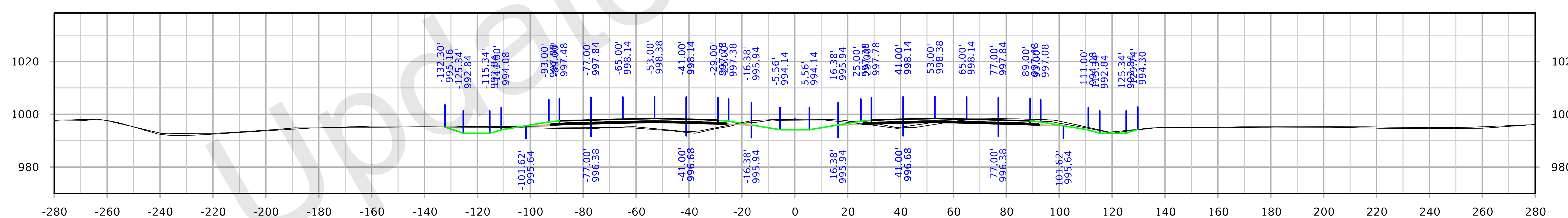
STA. 2111+00.00



STA. 2116+00.00

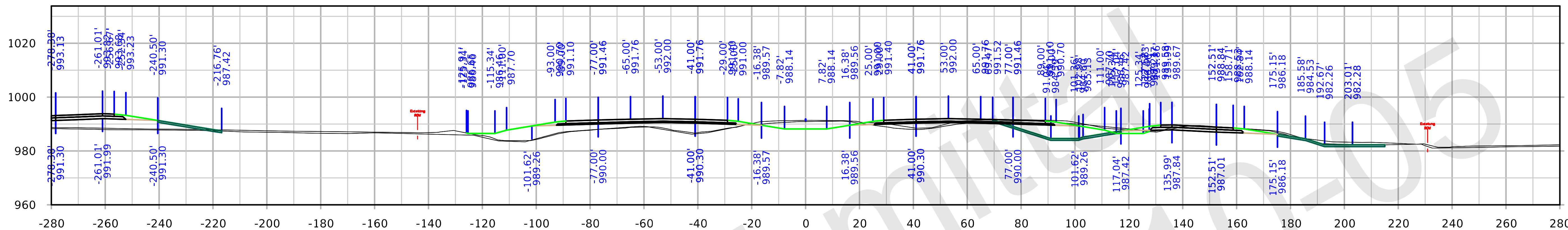


STA. 2115+00.00

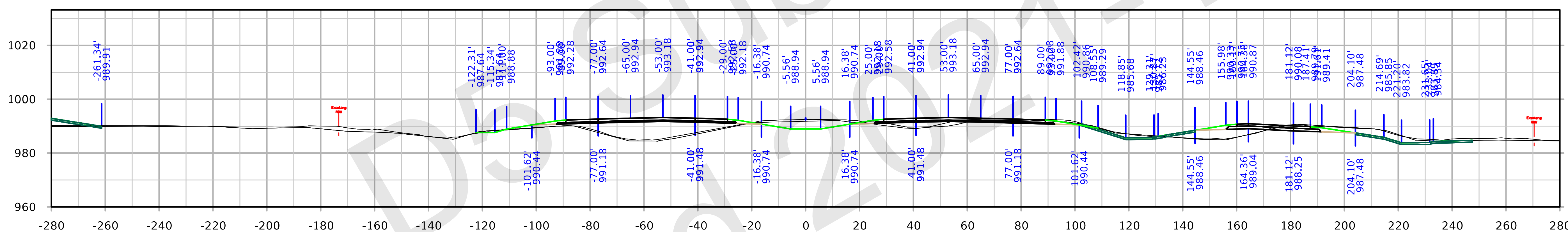


STA. 2114+00.00

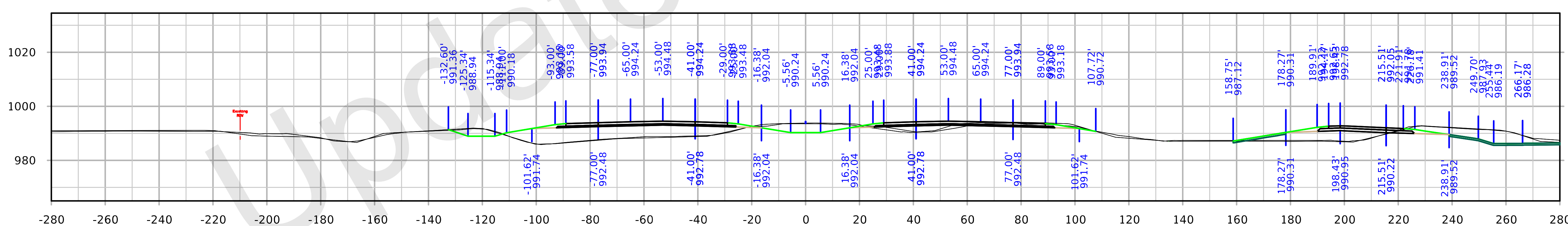
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.132



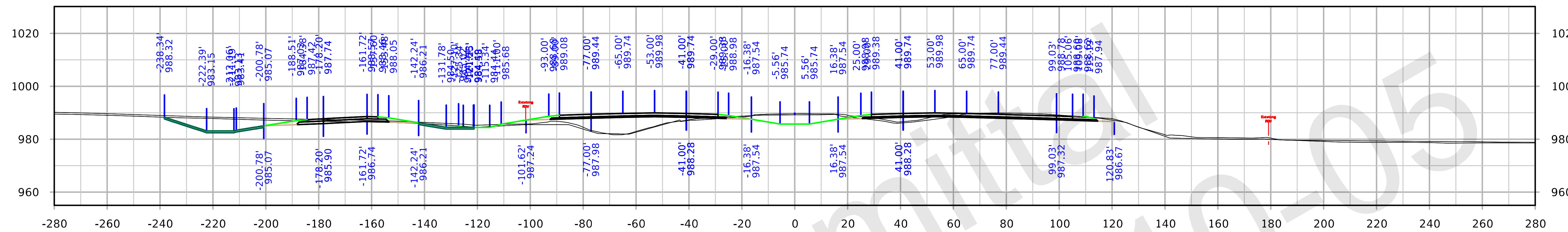
STA. 2119+00.00



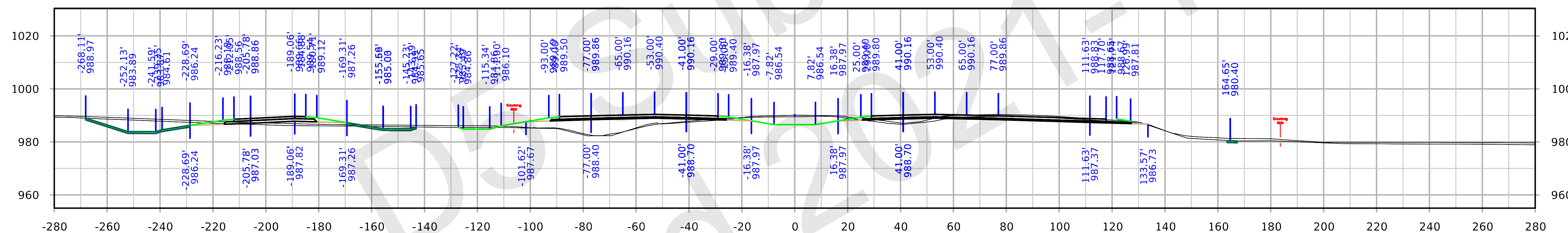
STA. 2118+00.00



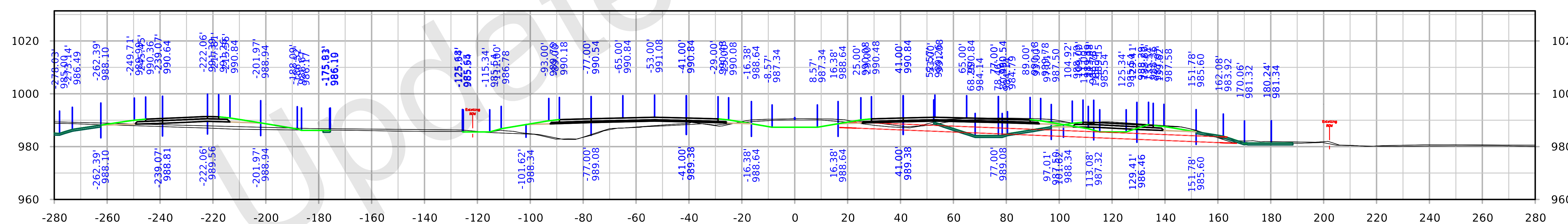
STA. 2117+00.00



STA. 2122+00.00

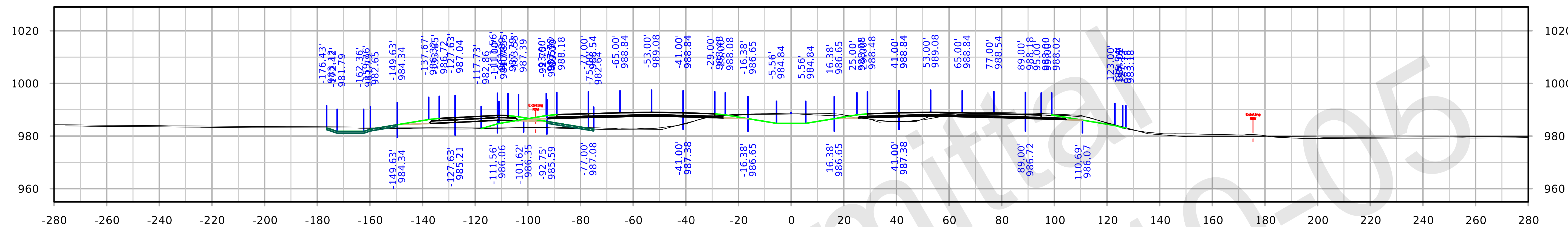


STA. 2121+00.00

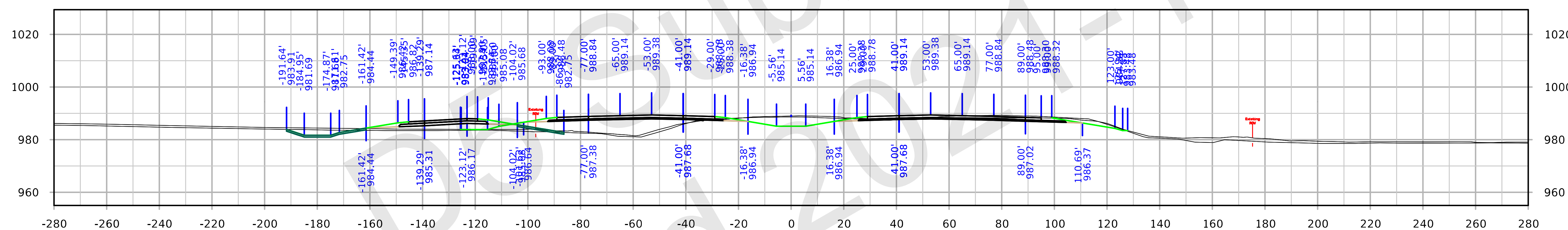


STA. 2120+00.00

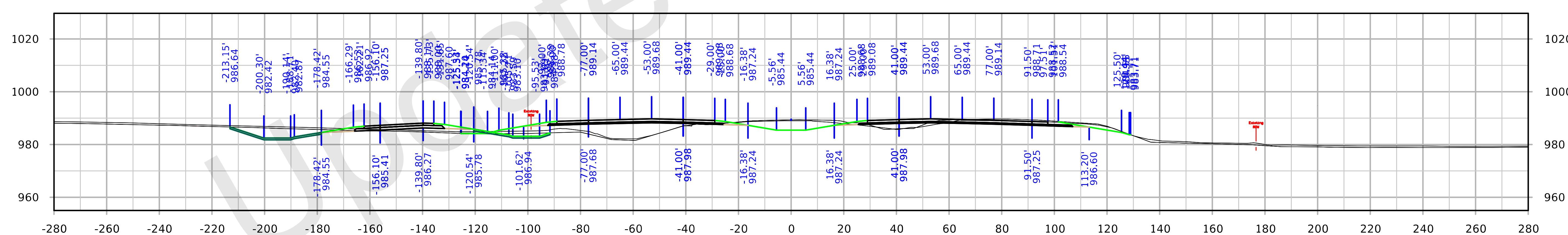
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.134



STA. 2125+00.00

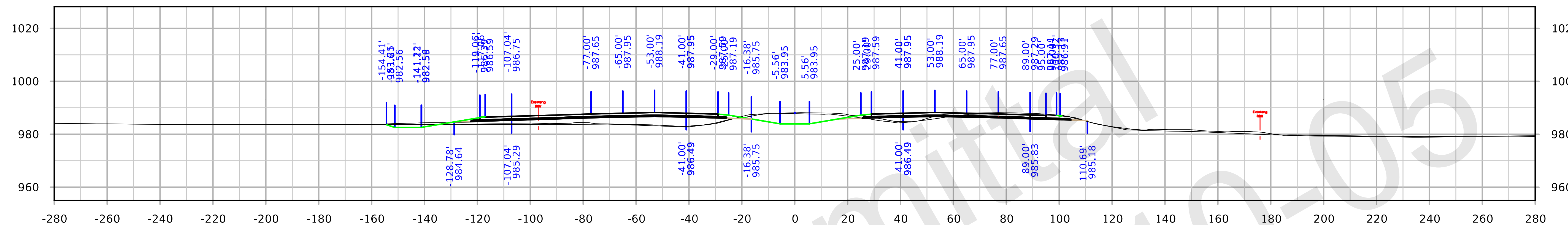


STA. 2124+00.00

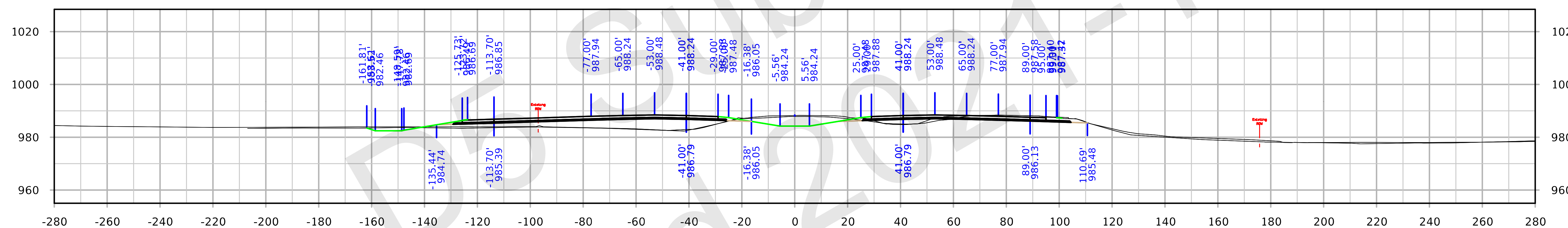


STA. 2123+00.00

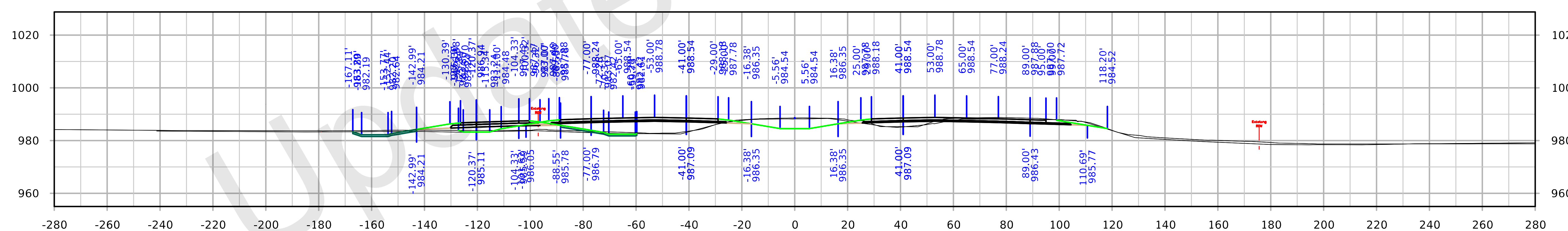
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.135



STA. 2128+00.00

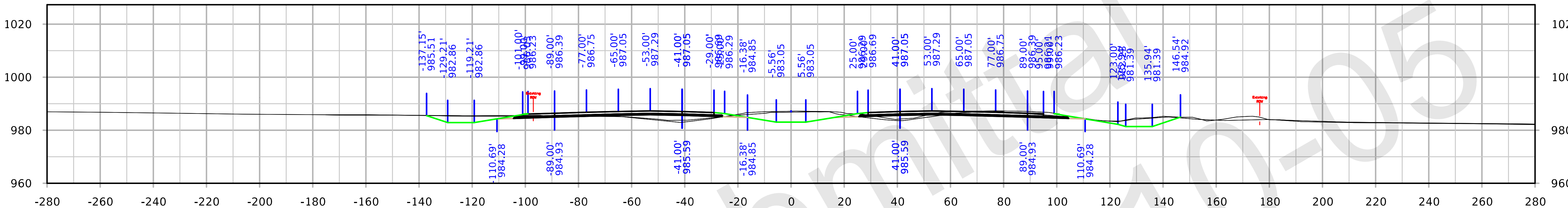


STA. 2127+00.00

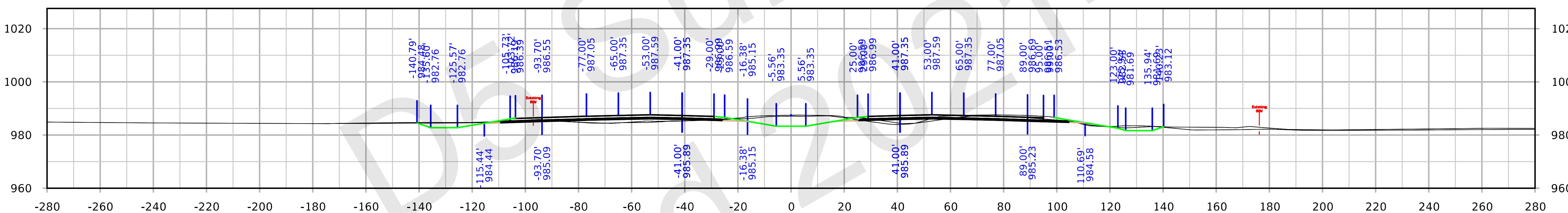


STA. 2126+00.00

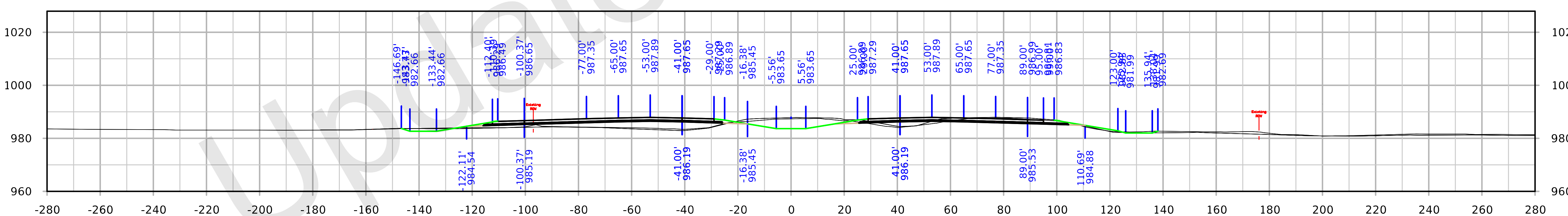
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.136



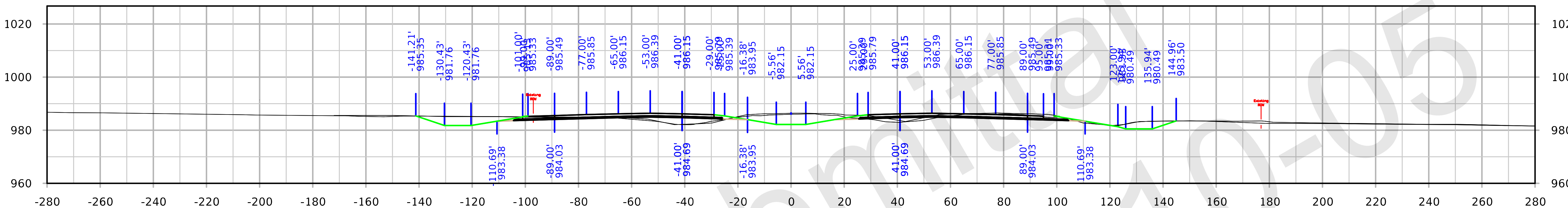
STA. 2131+00.00



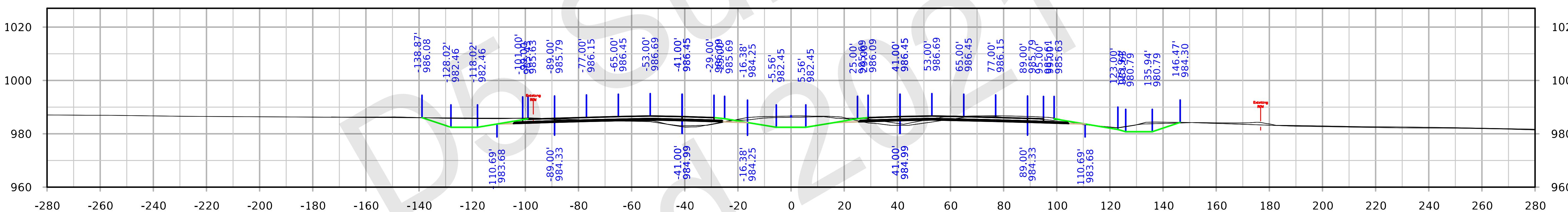
STA. 2130+00.00



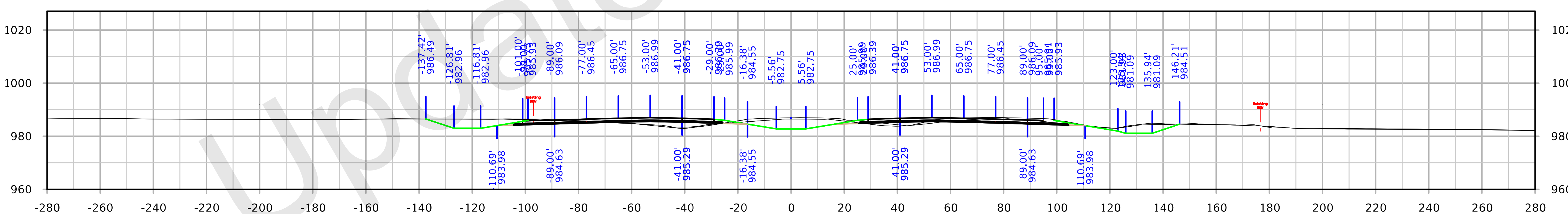
STA. 2129+00.00



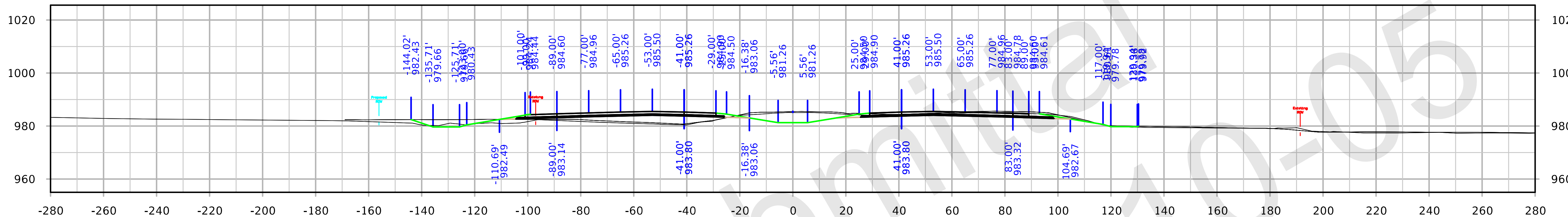
STA. 2134+00.00



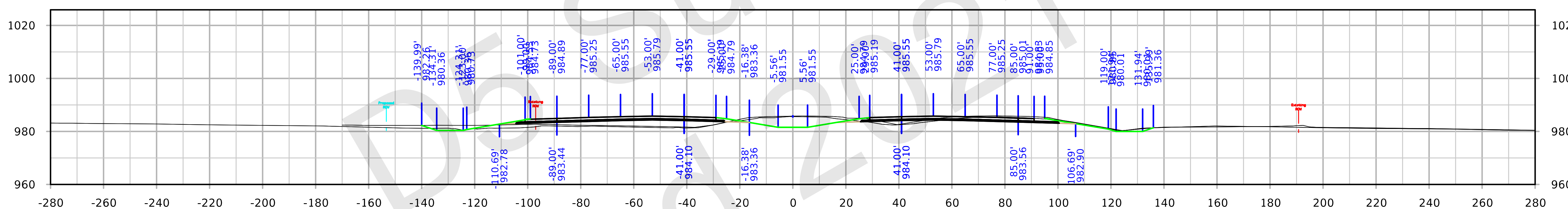
STA. 2133+00.00



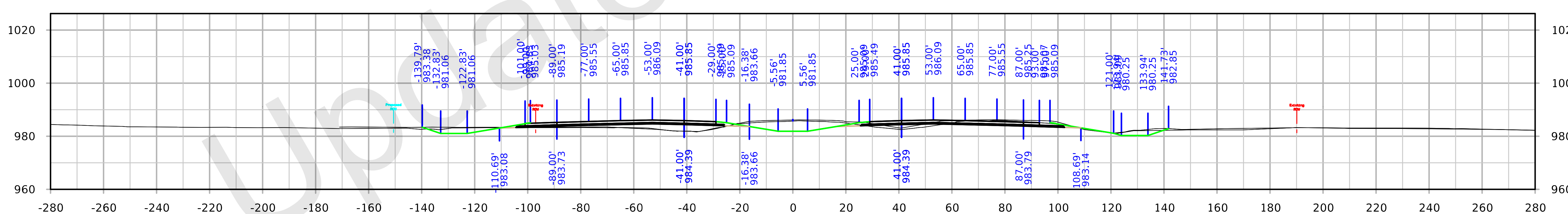
STA. 2132+00.00



STA. 2137+00.00

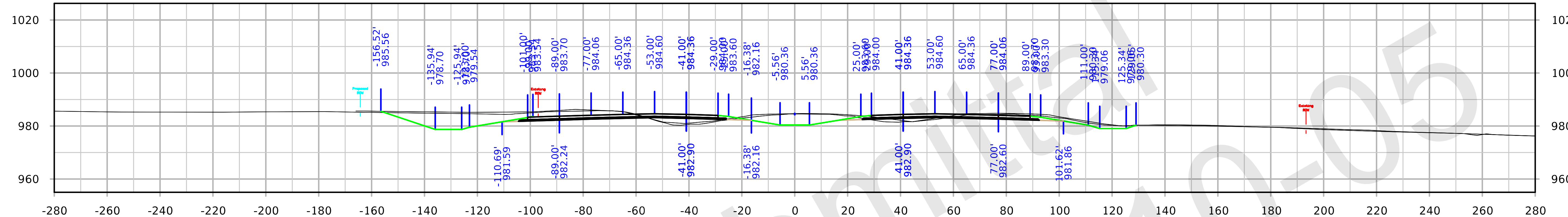


STA. 2136+00.00

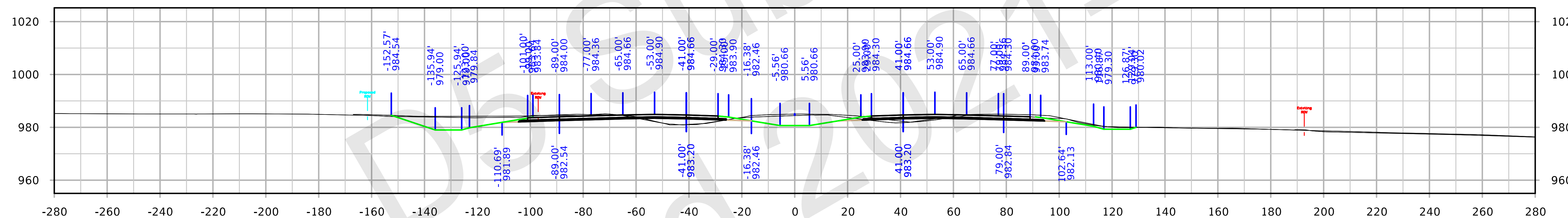


STA. 2135+00.00

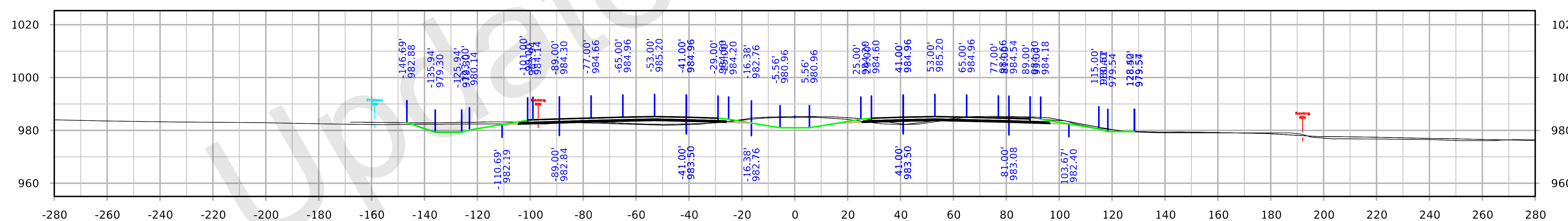
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.139



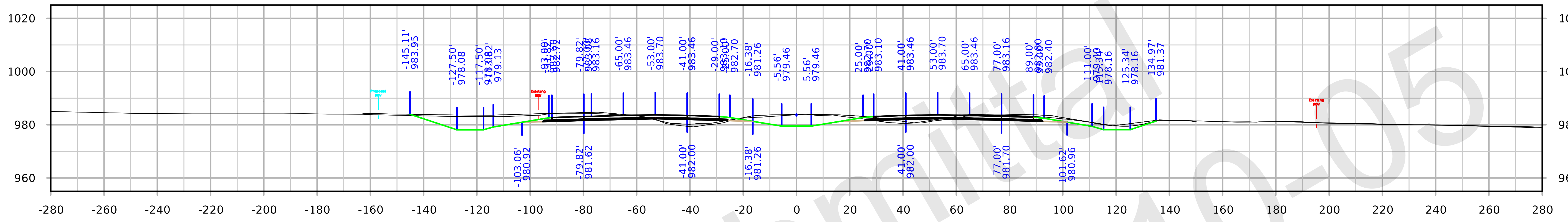
STA. 2140+00.00

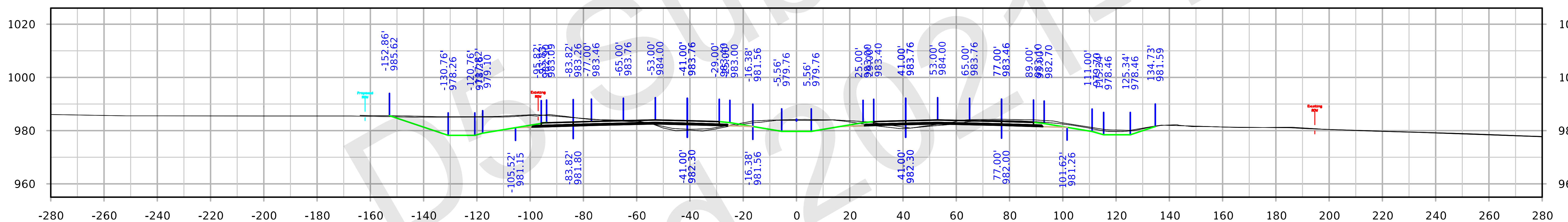


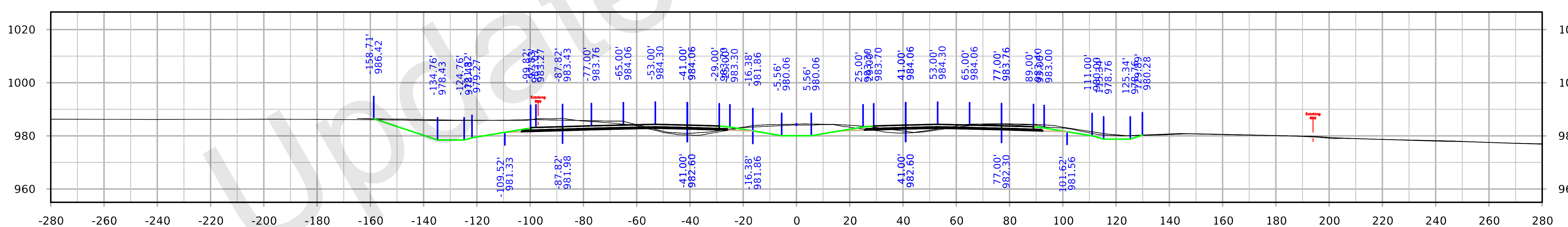
STA. 2139+00.00



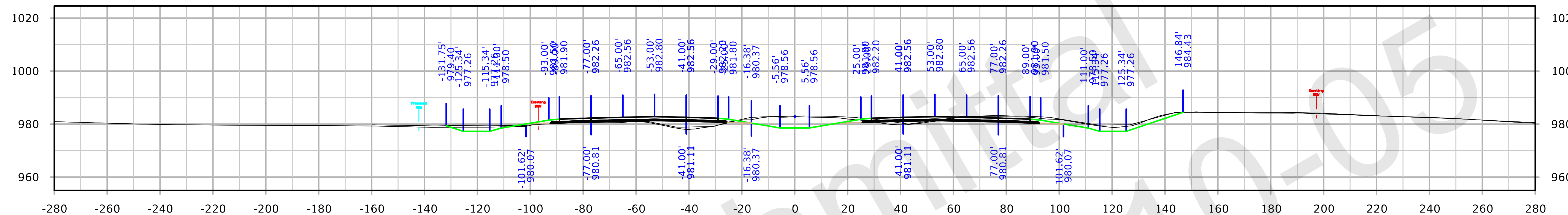
STA. 2138+00.00



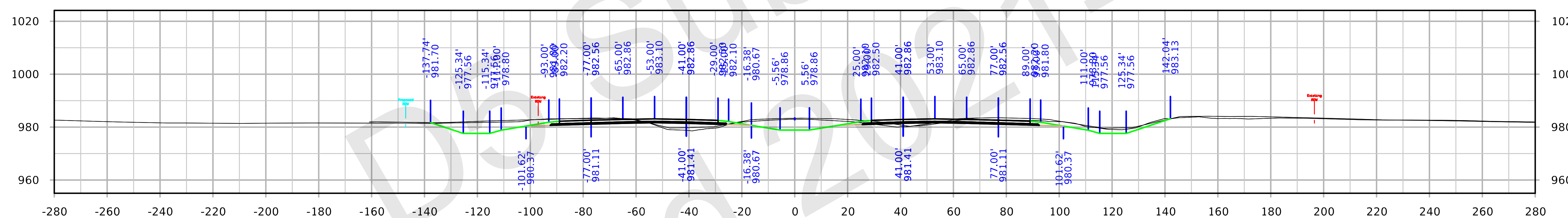




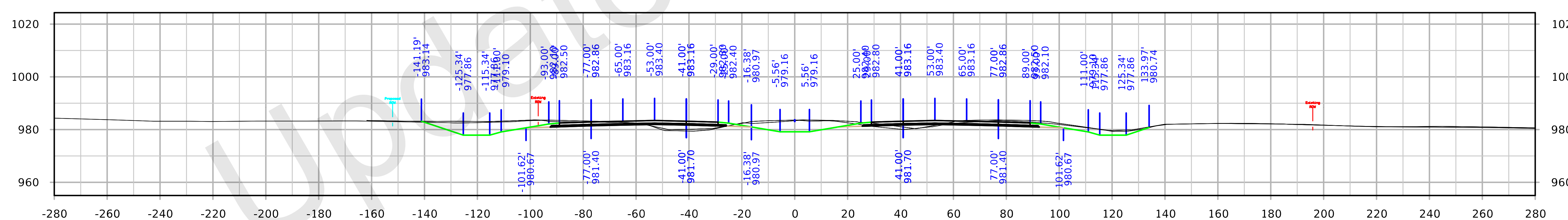
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.141



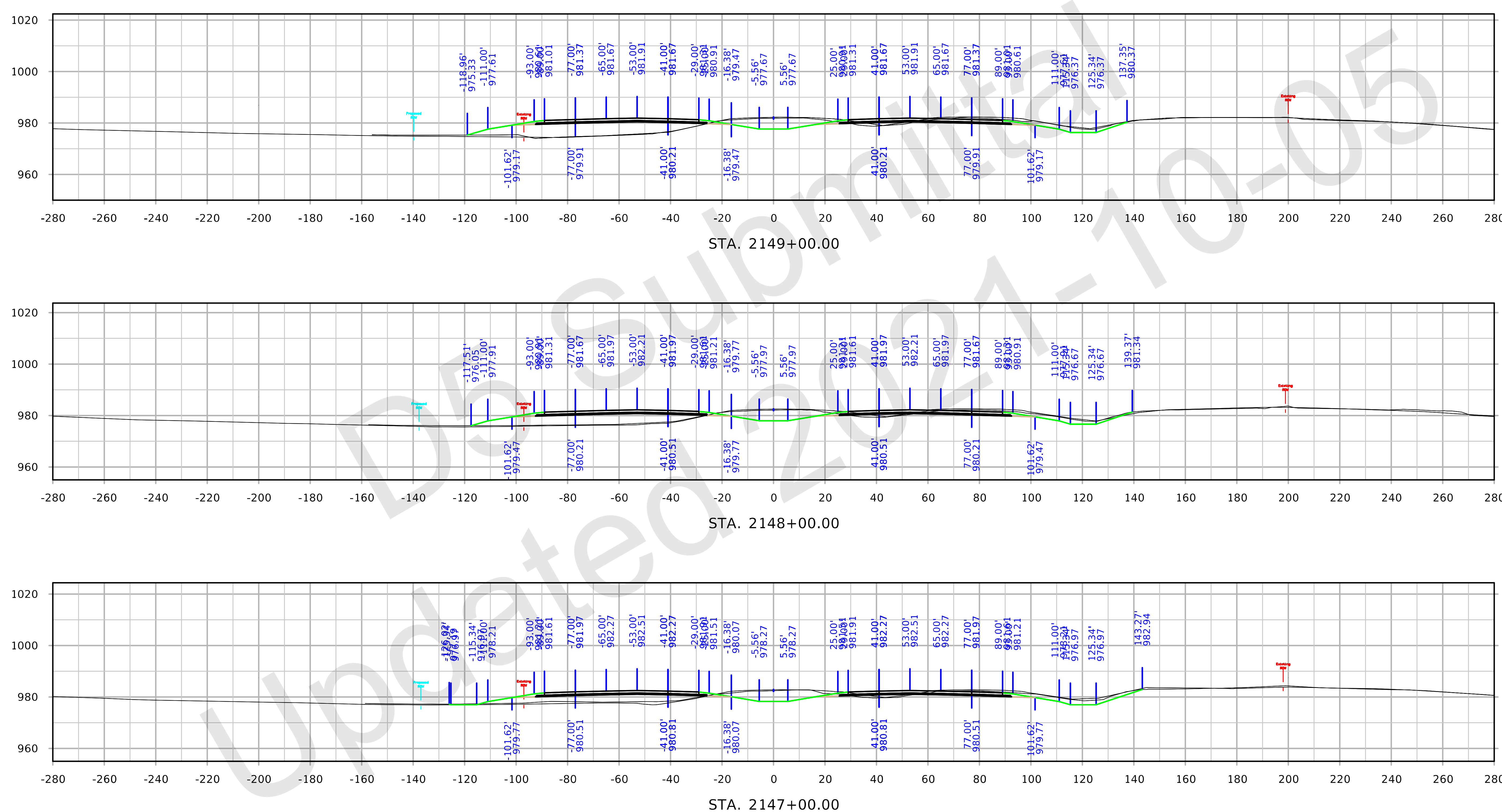
STA. 2146+00.00



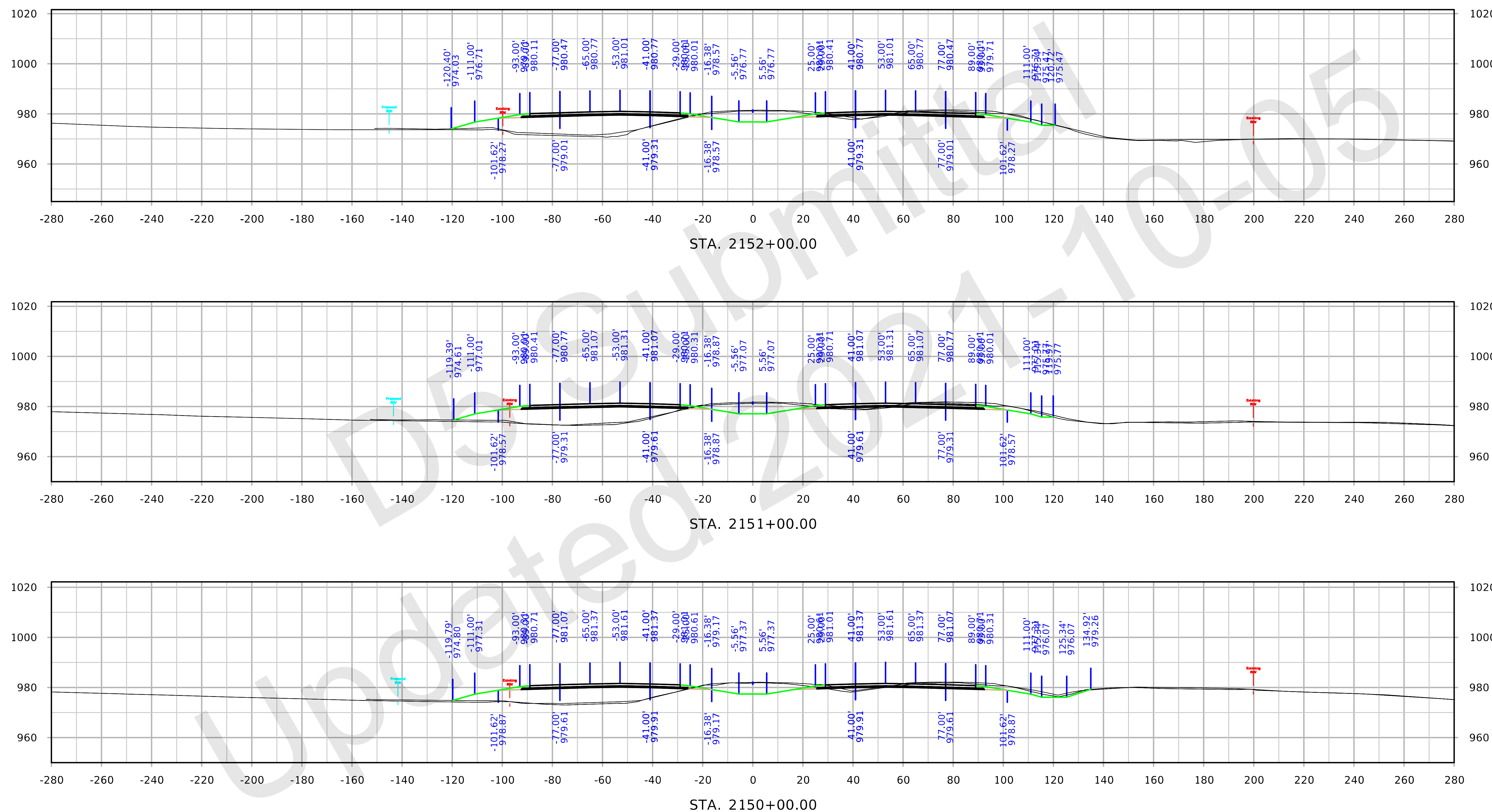
STA. 2145+00.00

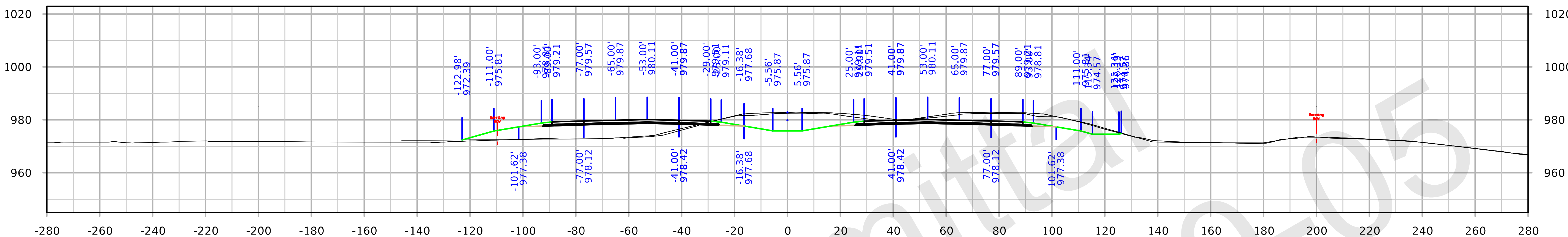


STA. 2144+00.00

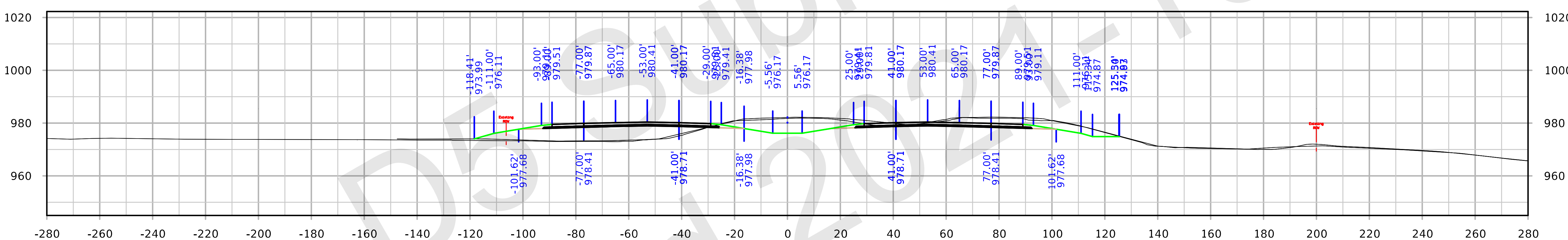


STA. 2149+00.00
STA. 2148+00.00
STA. 2147+00.00

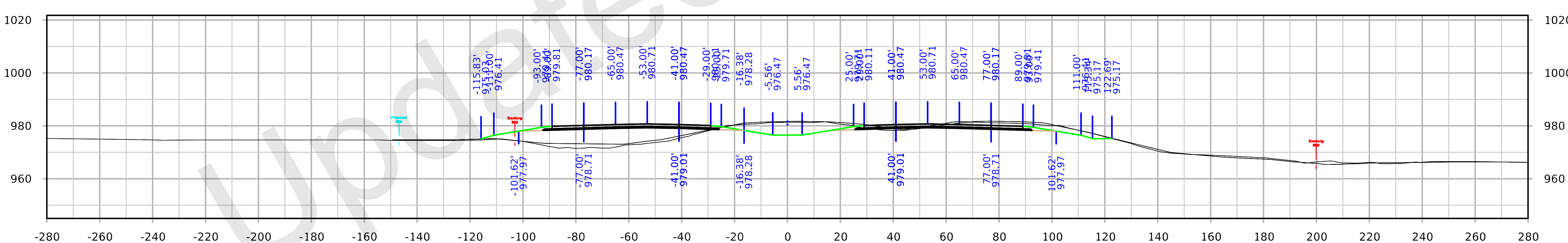

STA. 2152+00.00
STA. 2151+00.00
STA. 2150+00.00



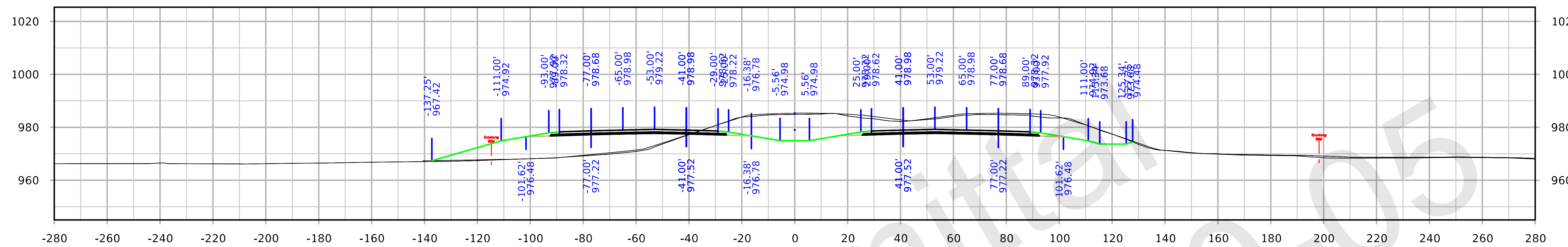
STA. 2155+00.00



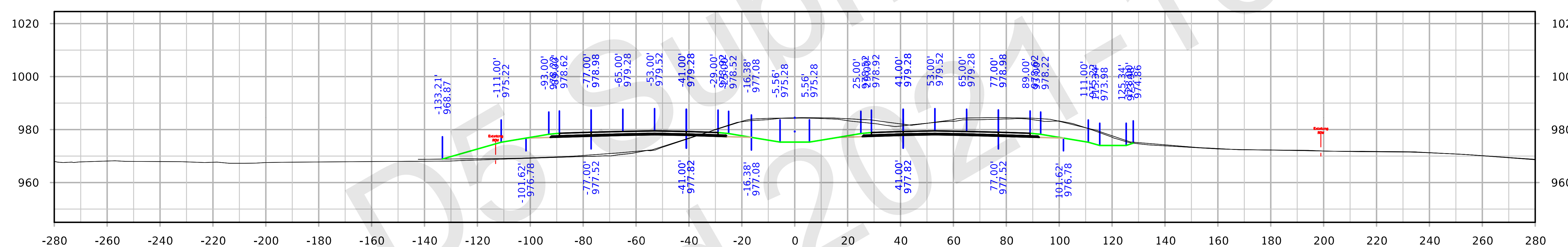
STA. 2154+00.00



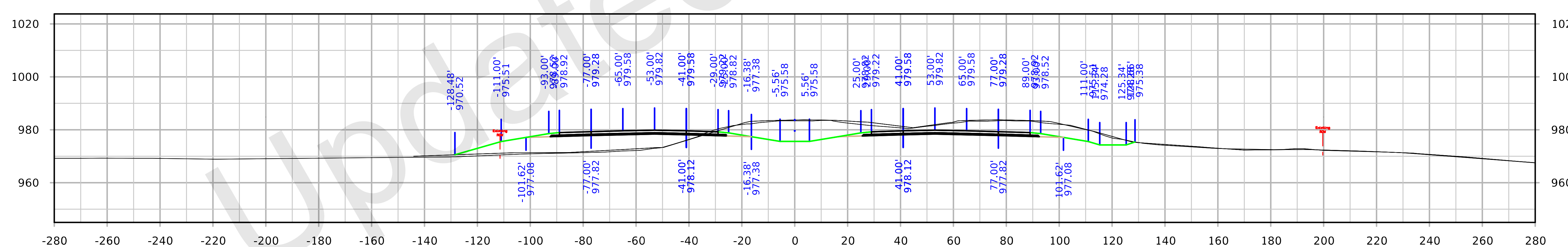
STA. 2153+00.00



STA. 2158+00.00

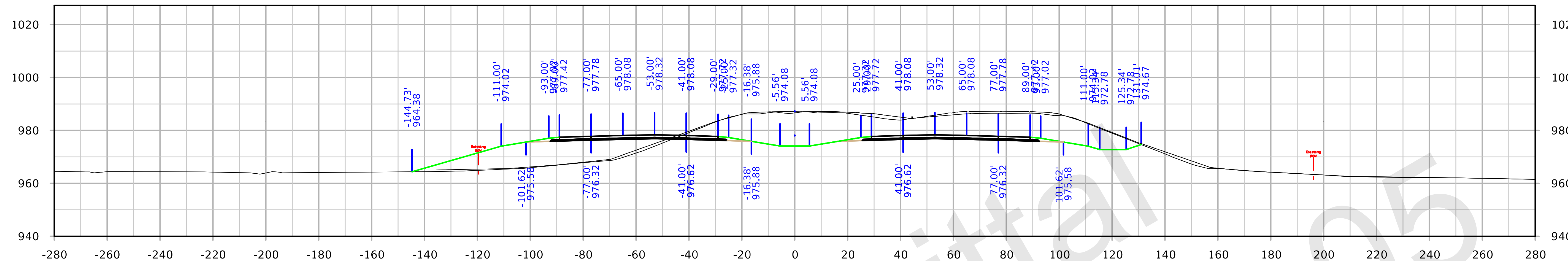


STA. 2157+00.00

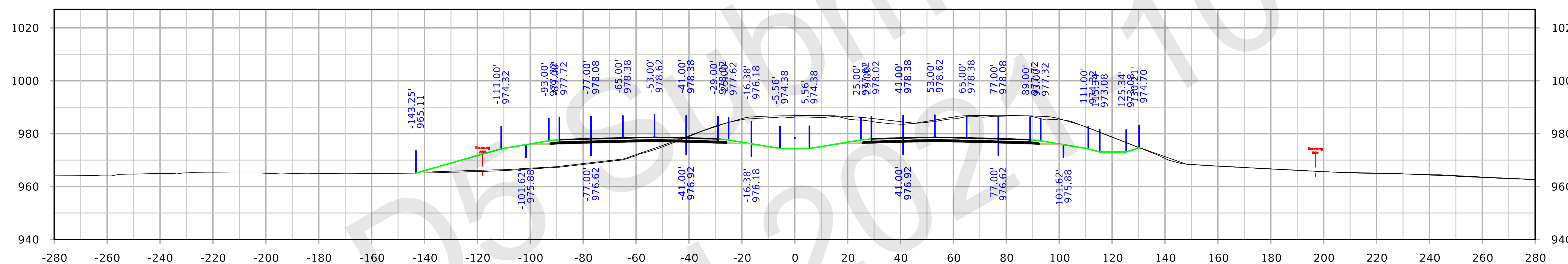


STA. 2156+00.00

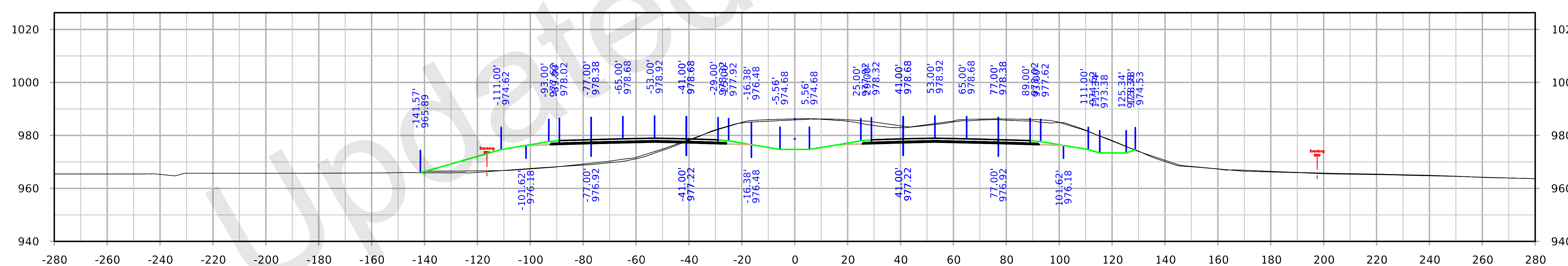
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.146



STA. 2161+00.00

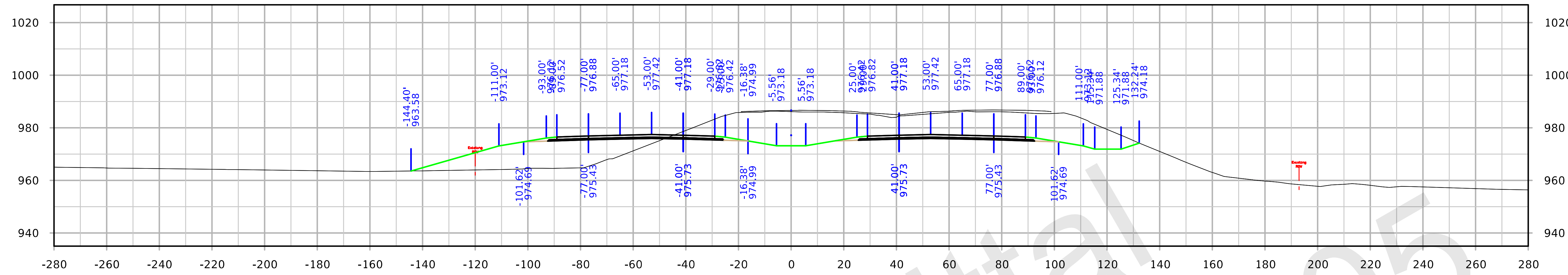


STA. 2160+00.00

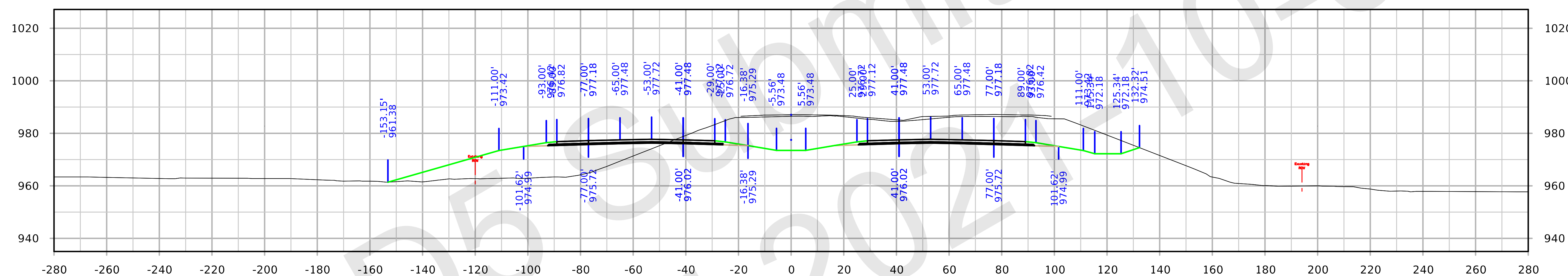


STA. 2159+00.00

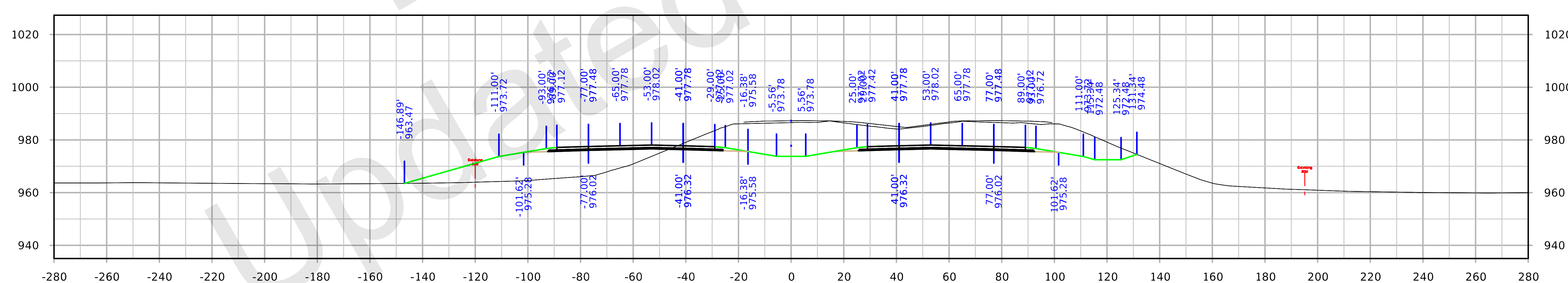
I-35



STA. 2164+00.00



STA. 2163+00.00

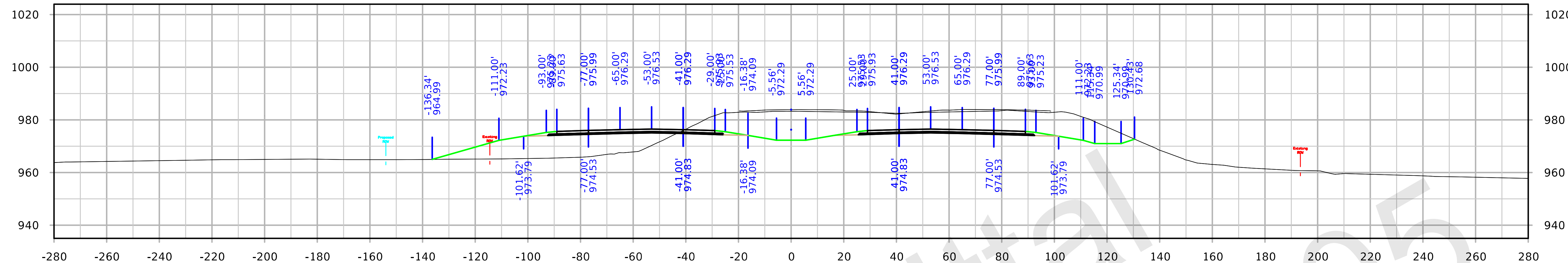


STA. 2162+00.00

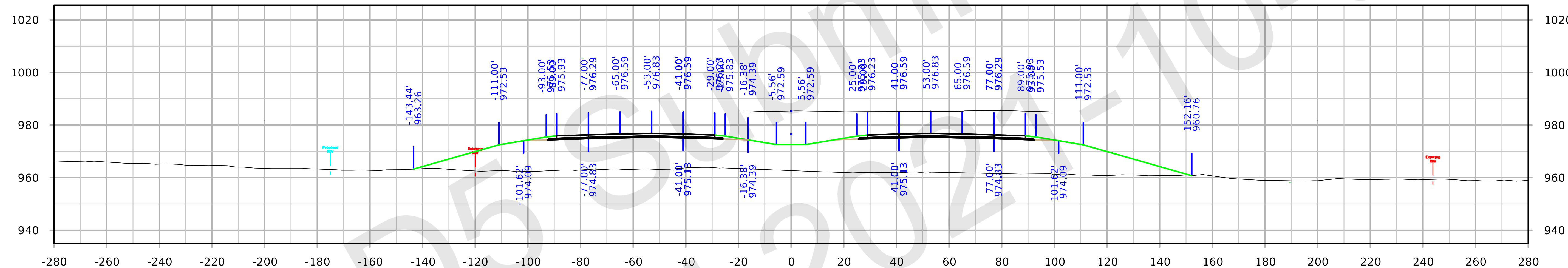
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.148

9:56:51 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn

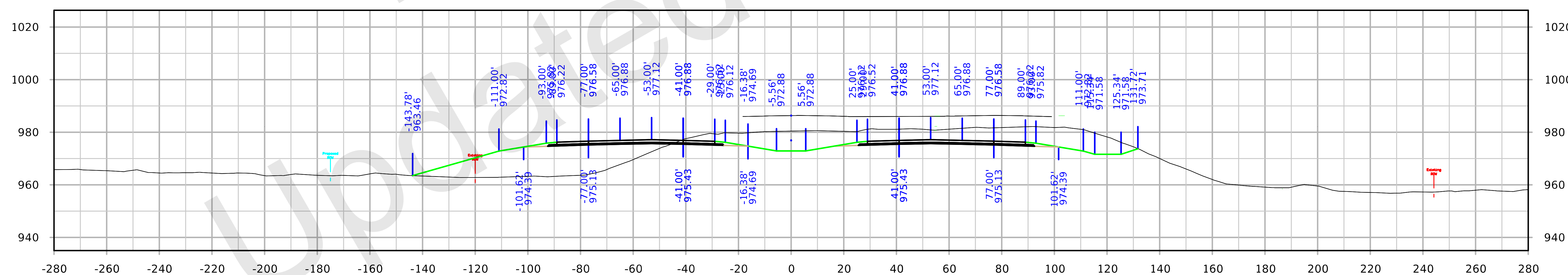
I-35



STA. 2167+00.00

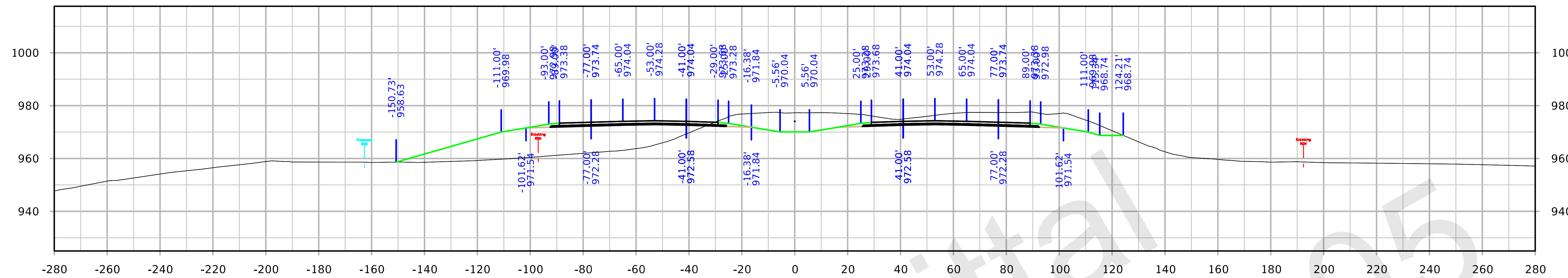


STA. 2166+00.00

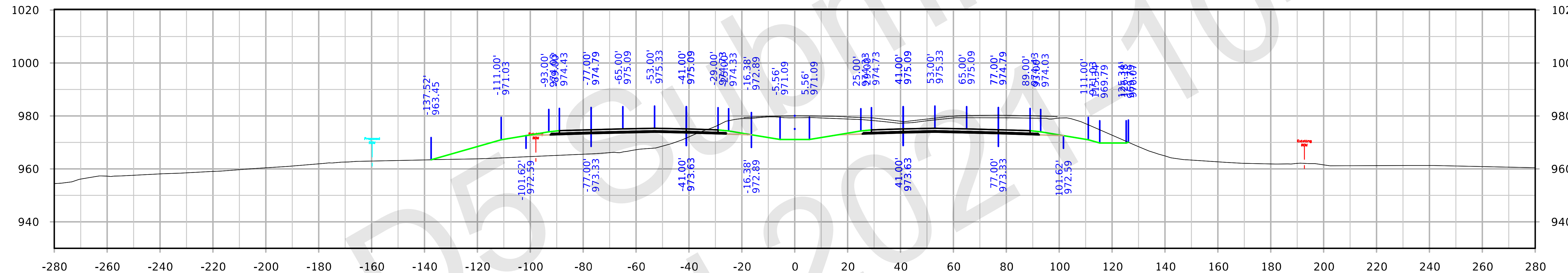


STA. 2165+00.00

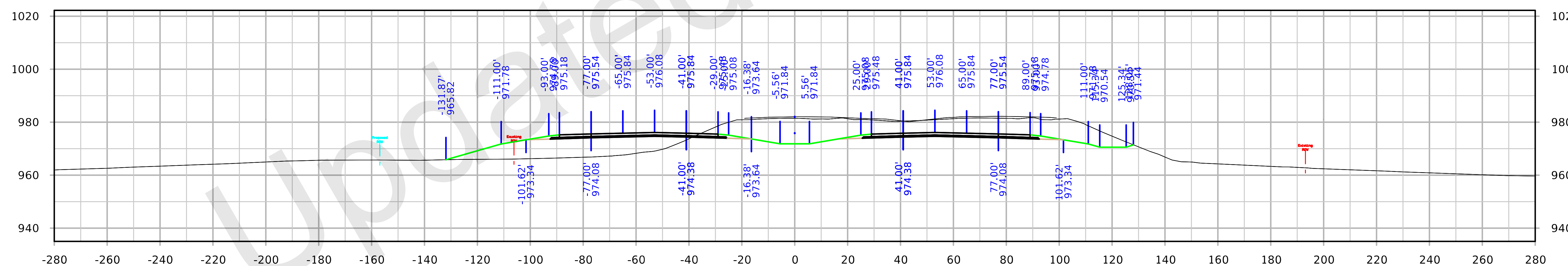
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.149



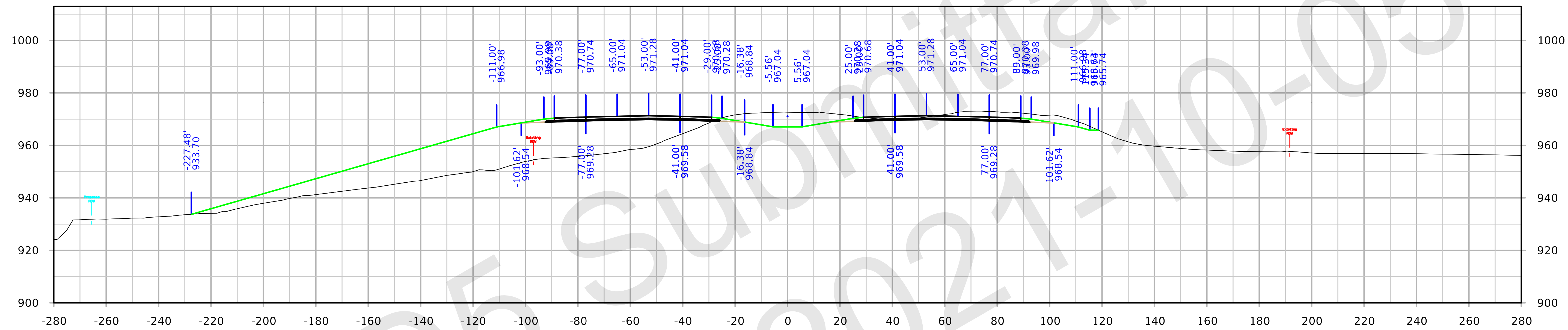
STA. 2170+00.00



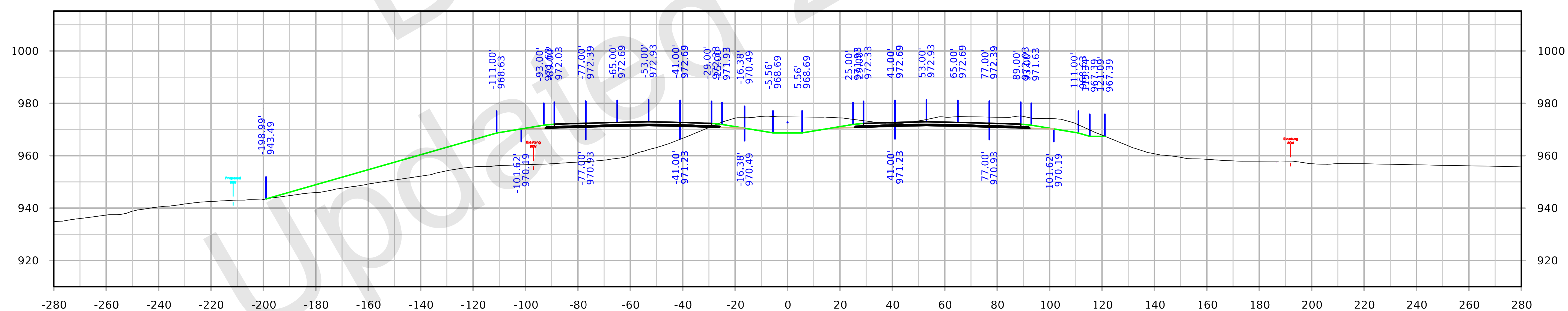
STA. 2169+00.00



STA. 2168+00.00

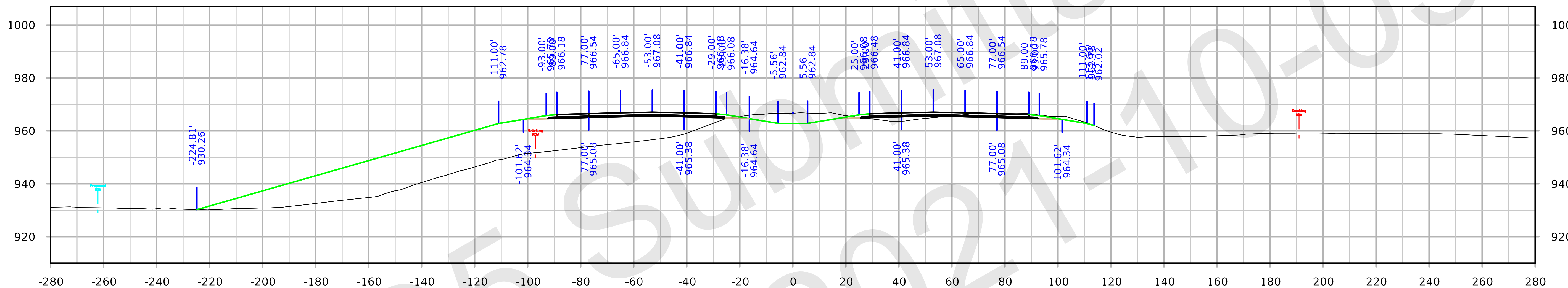


STA. 2172+00.00

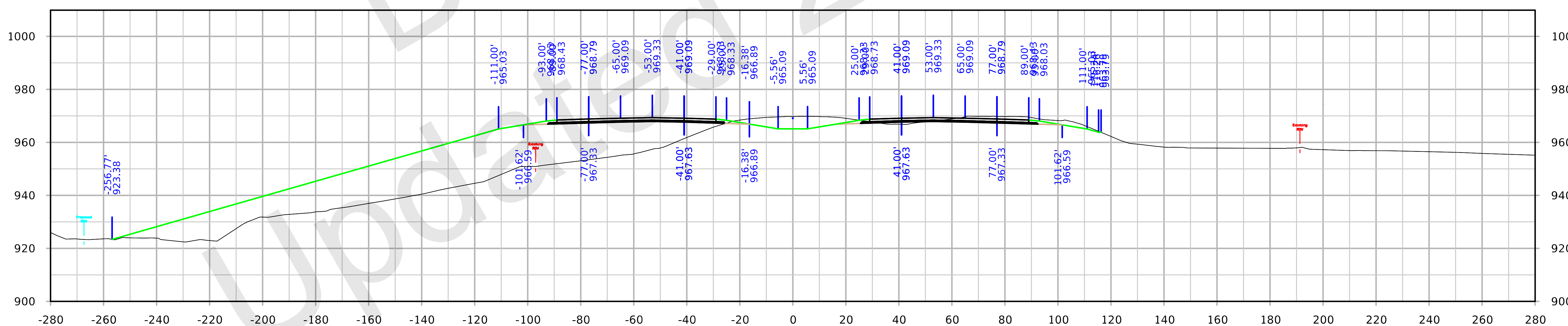


STA. 2171+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.151

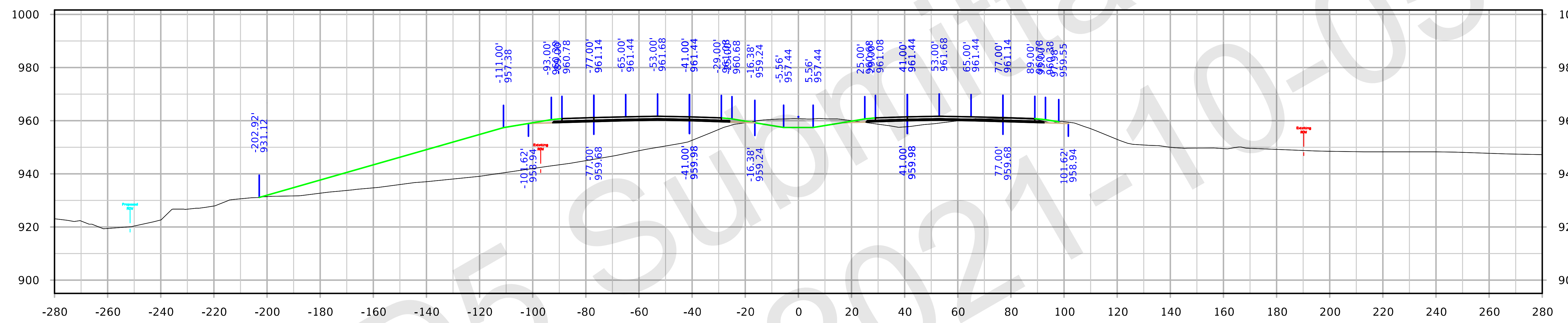


STA. 2174+00.00

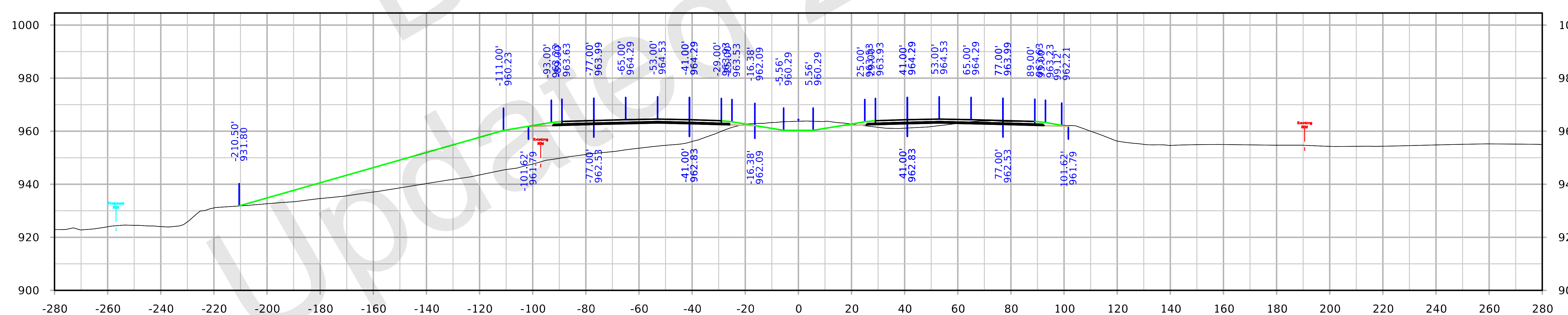


STA. 2173+00.00

I-35

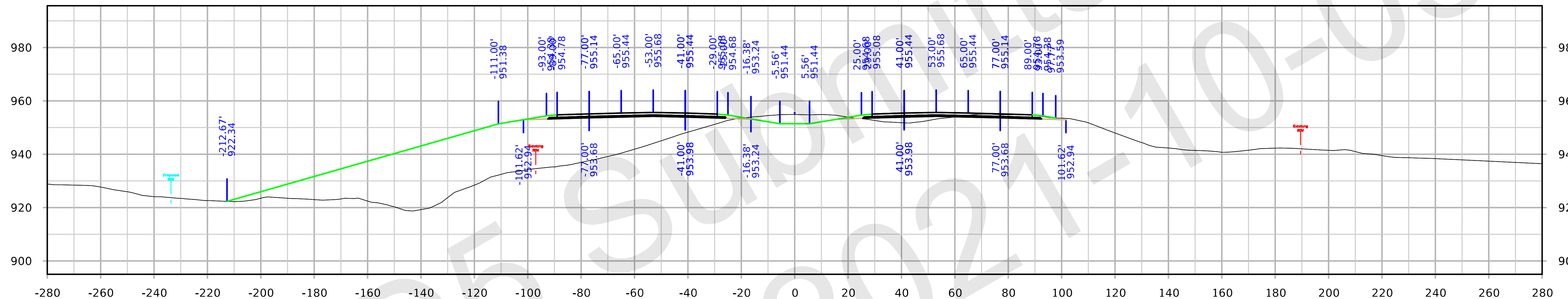


STA. 2176+00.00

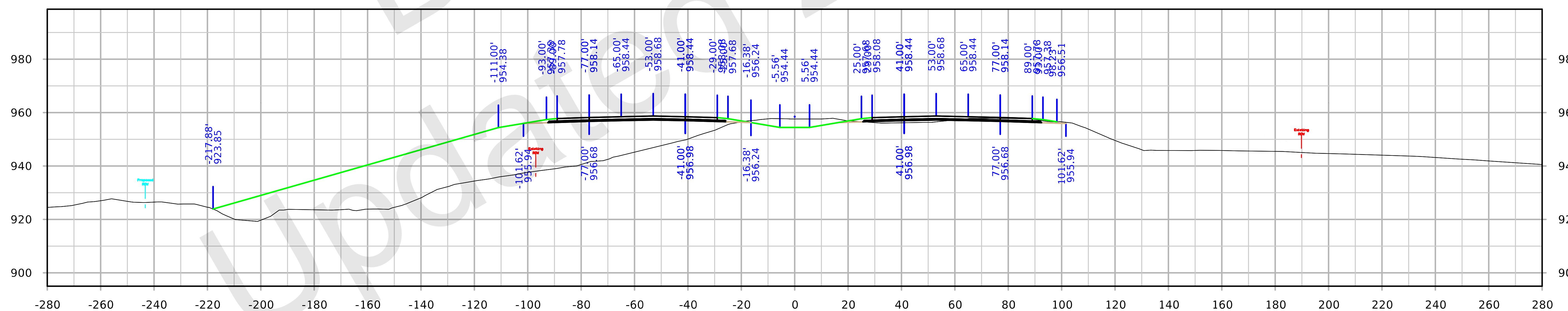


STA. 2175+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.153



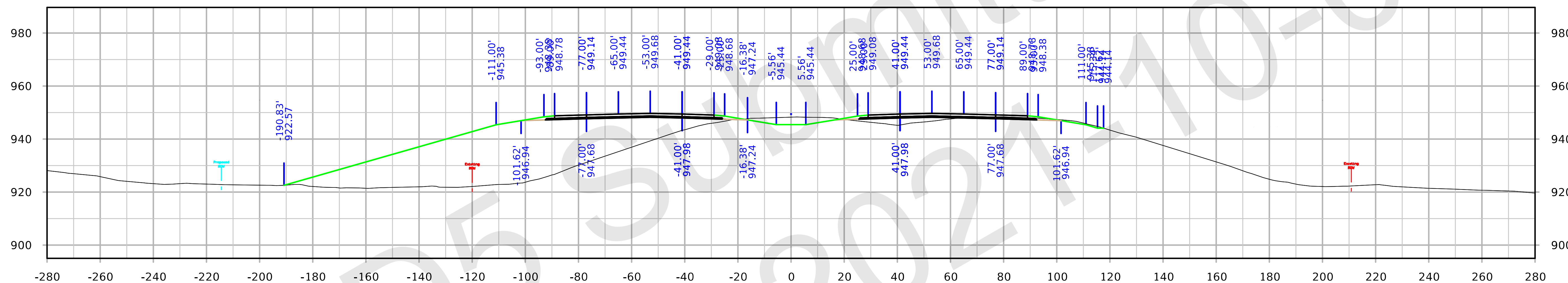
STA. 2178+00.00



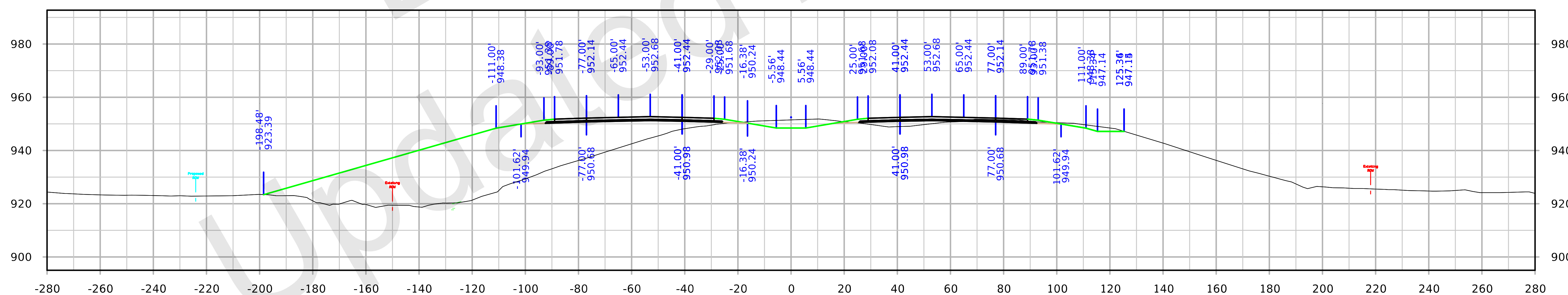
STA. 2177+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.154

10:02:54 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



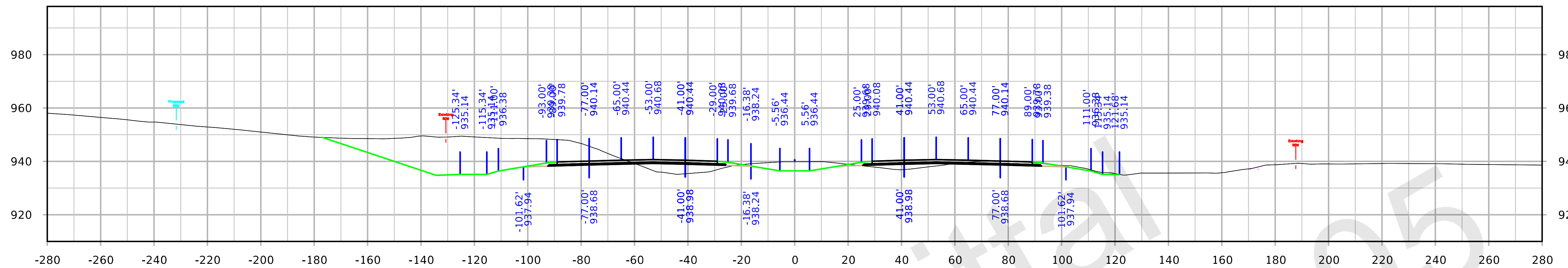
STA. 2180+00.00



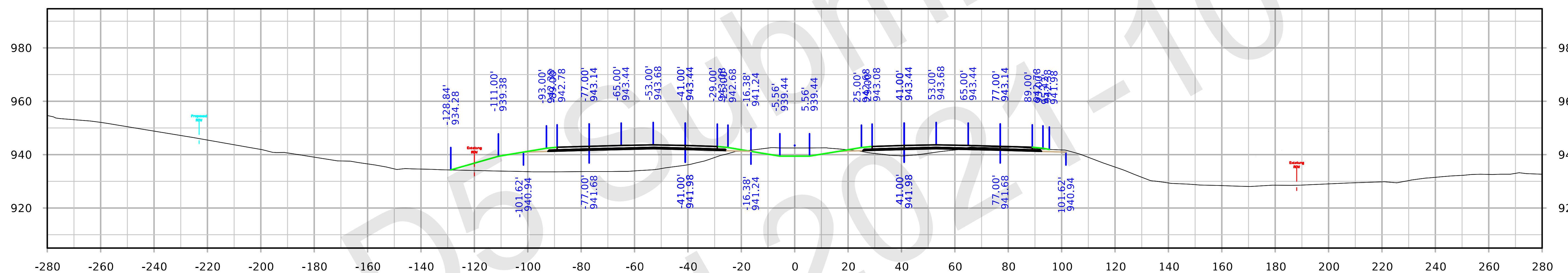
STA. 2179+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.155

10:03:45 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 2183+00.00



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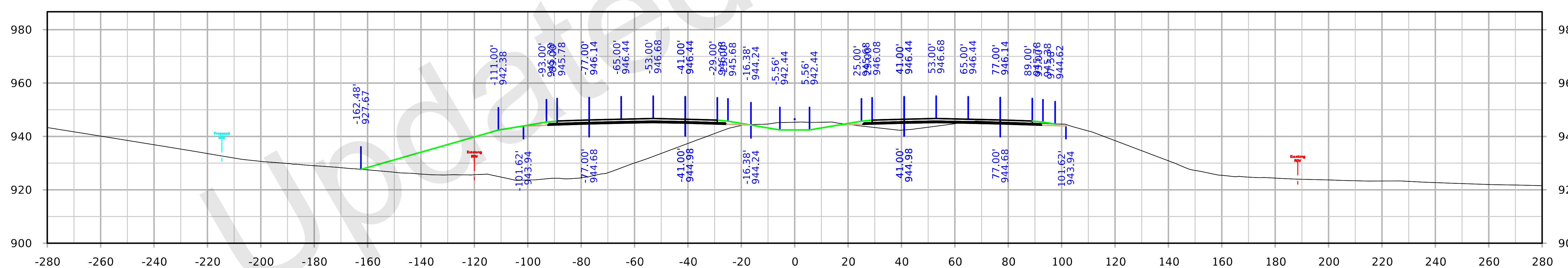
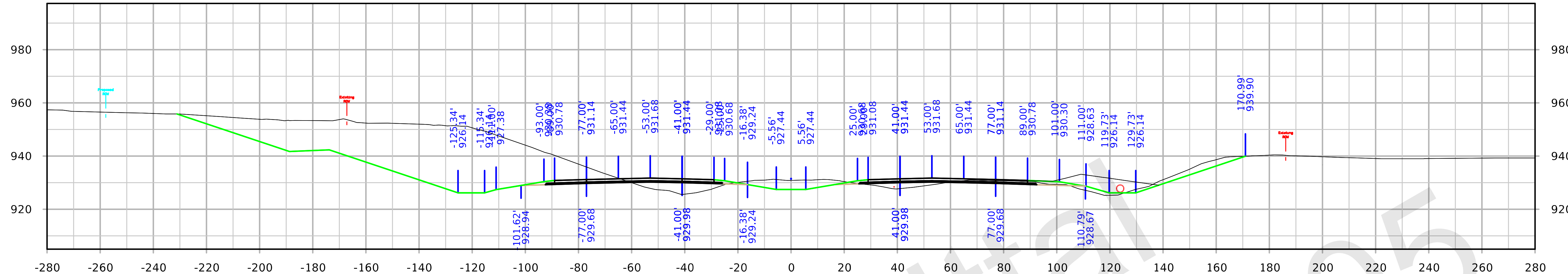


STA. 2181+00.00



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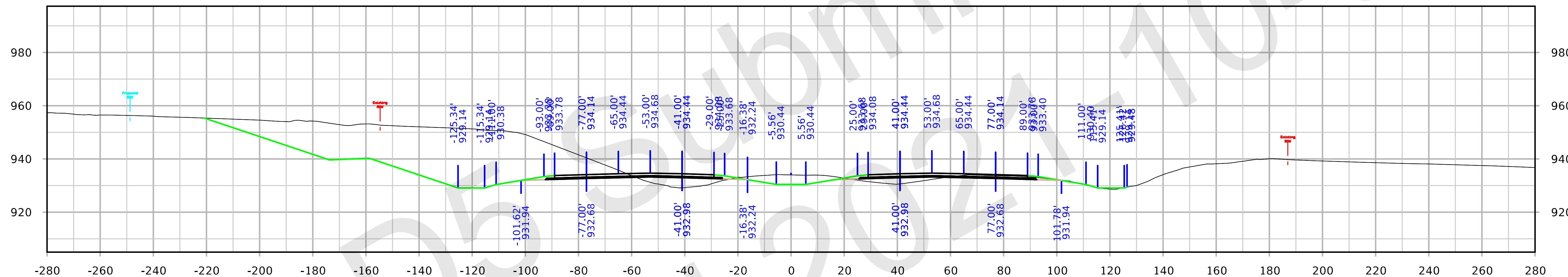
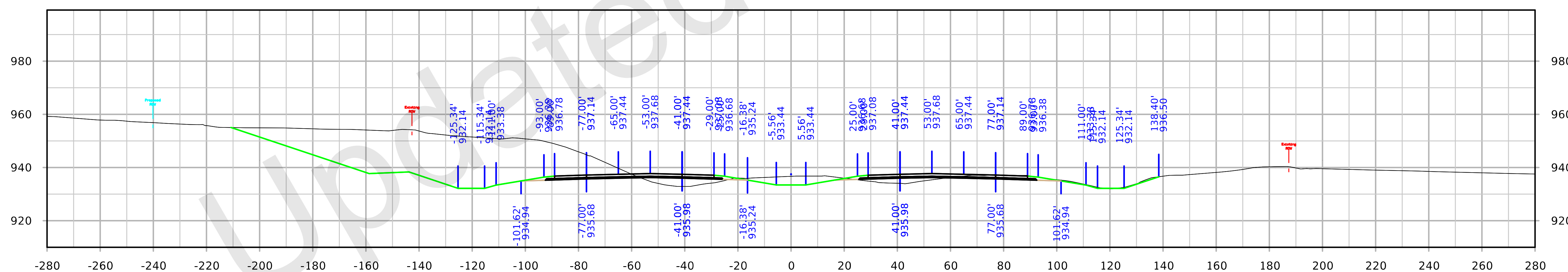
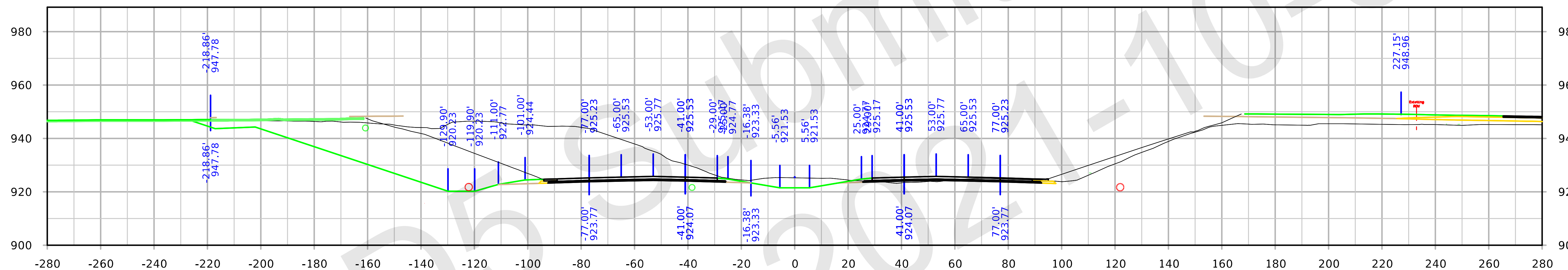


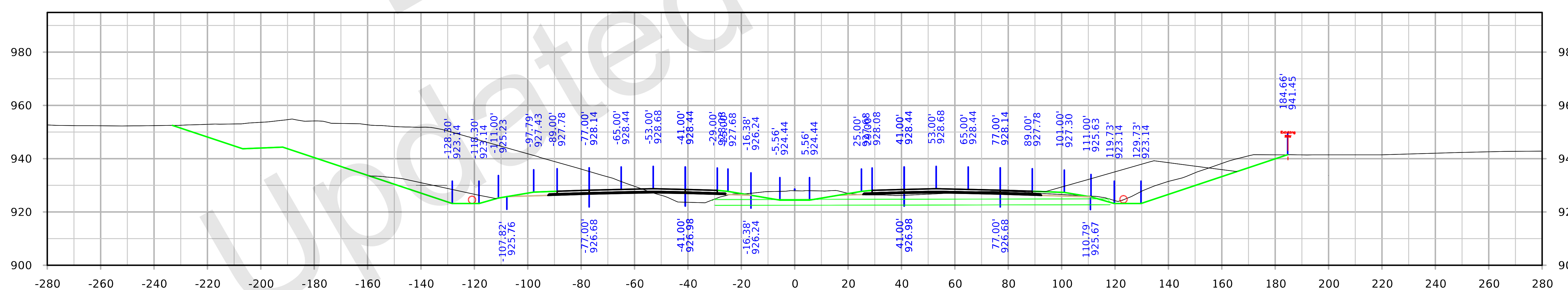
STA. 2185+00.00



STA. 2184+00.00



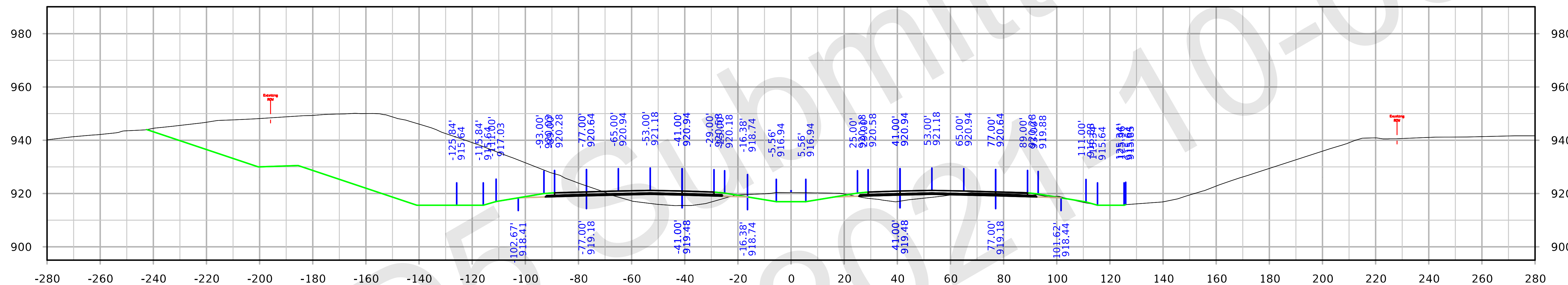
STA. 2188+00.00

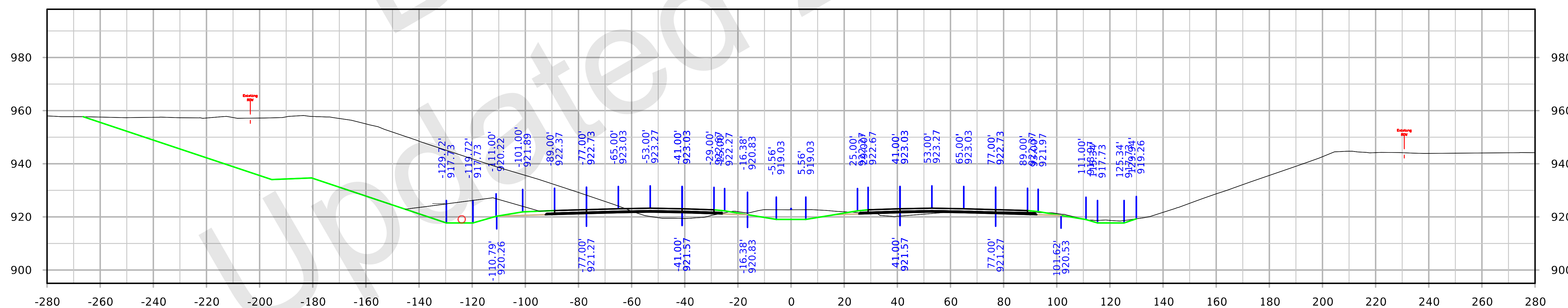


STA. 2187+00.00

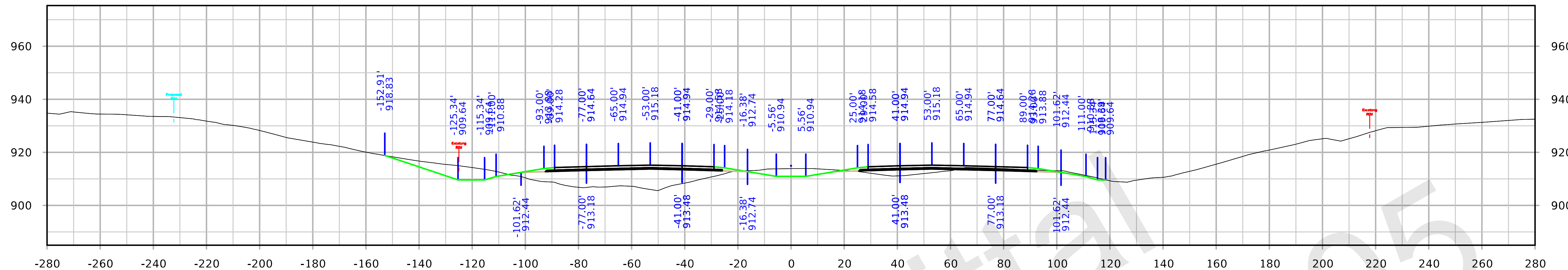
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.158

I-35

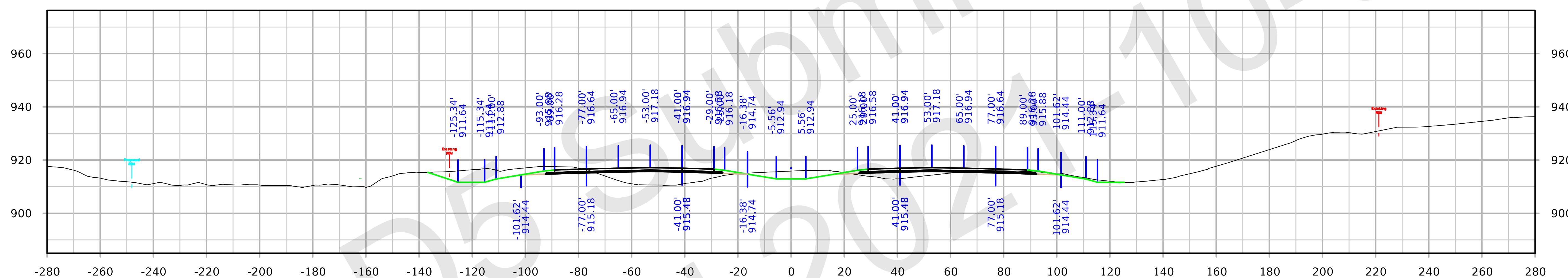




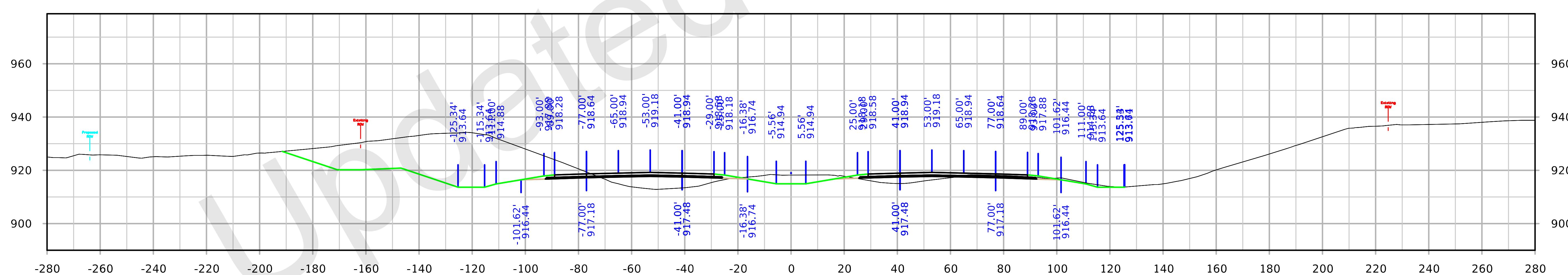
I-35



STA. 2193+00.00



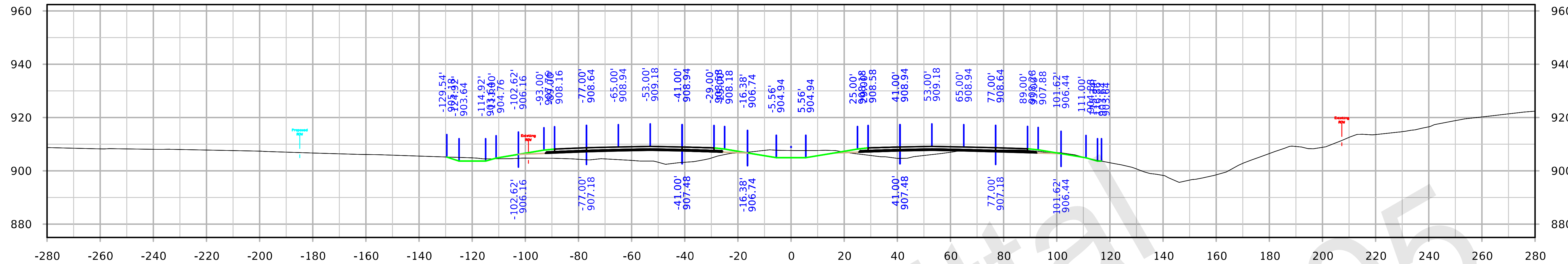
STA. 2192+00.00



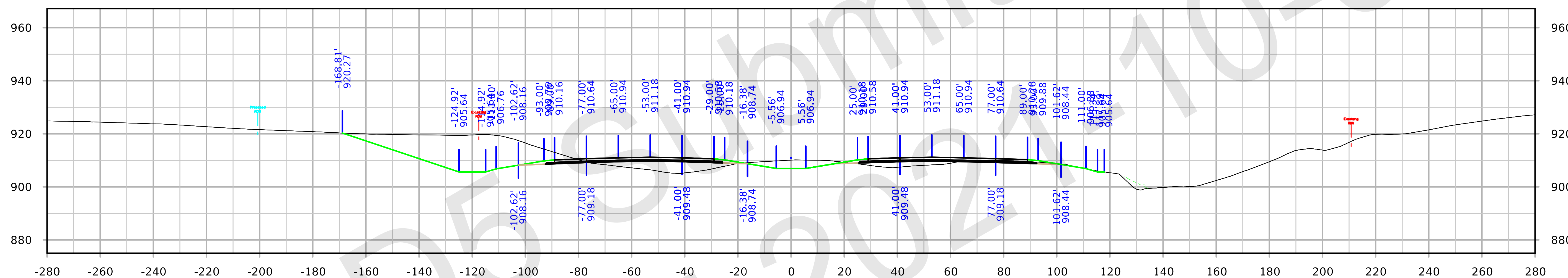
STA. 2191+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.160

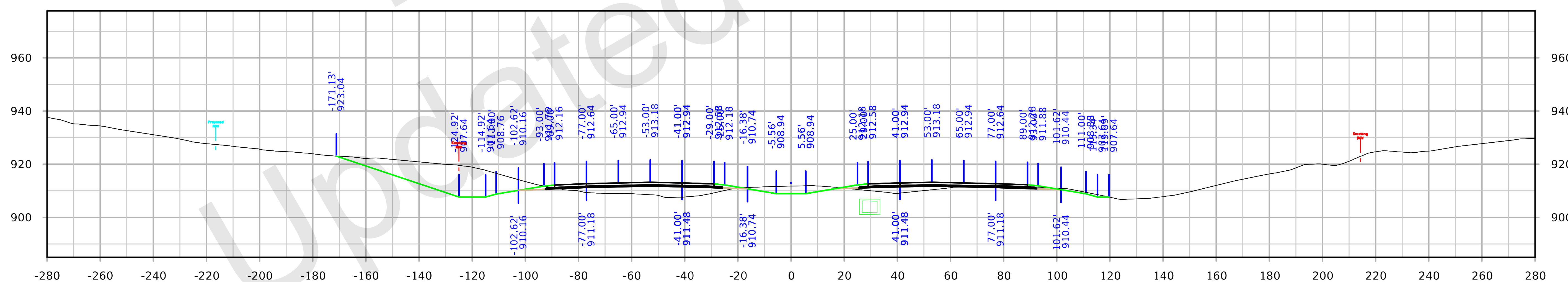
I-35



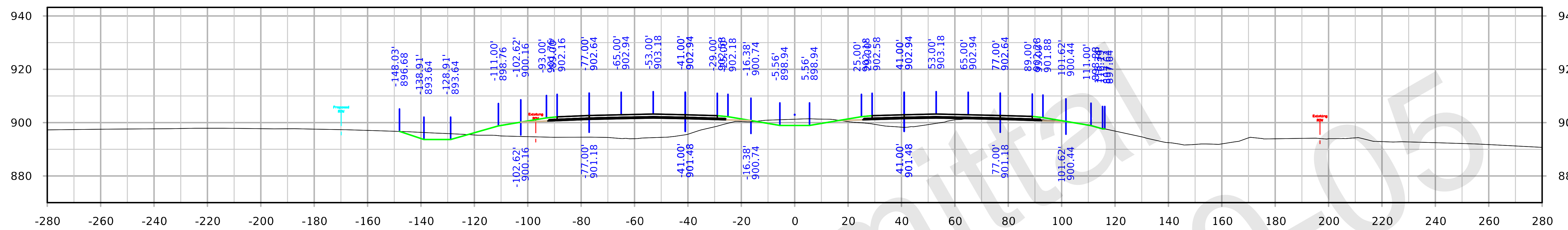
STA. 2196+00.00



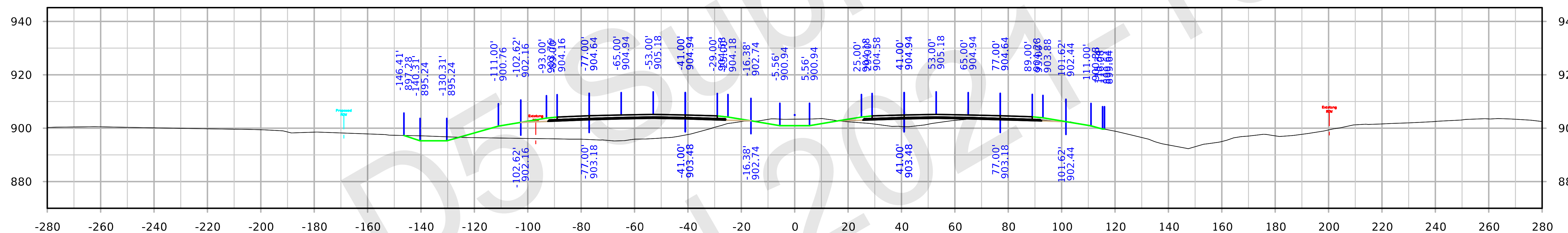
STA. 2195+00.00



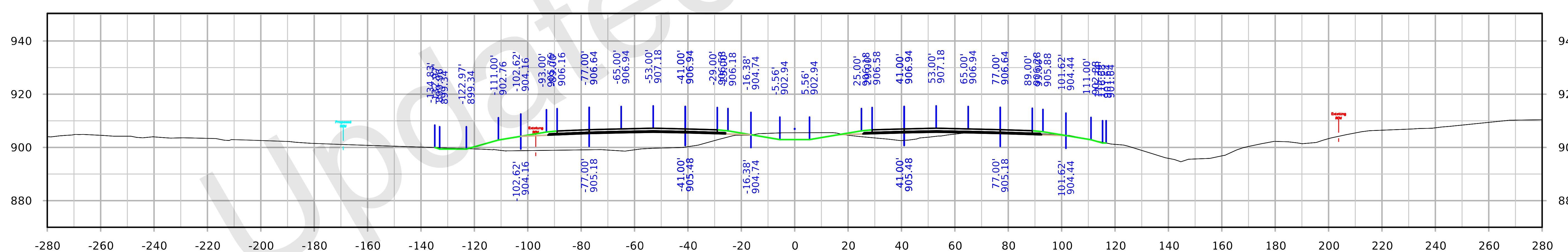
STA. 2194+00.00



STA. 2199+00.00

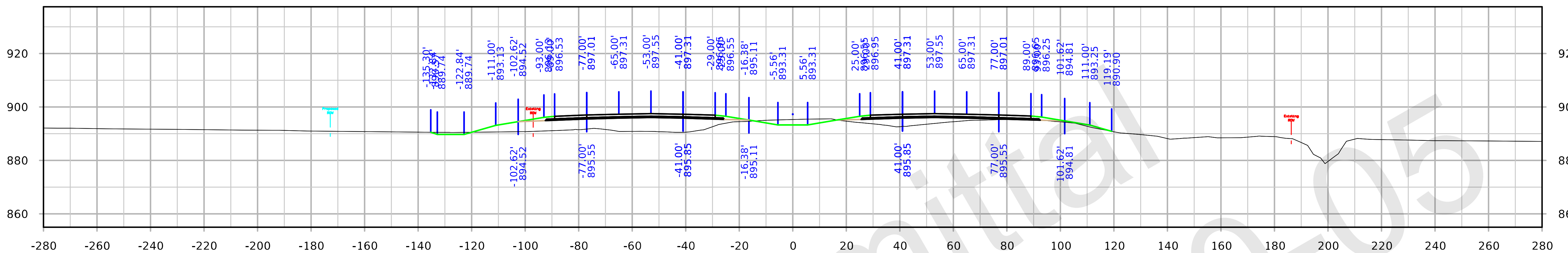


STA. 2198+00.00

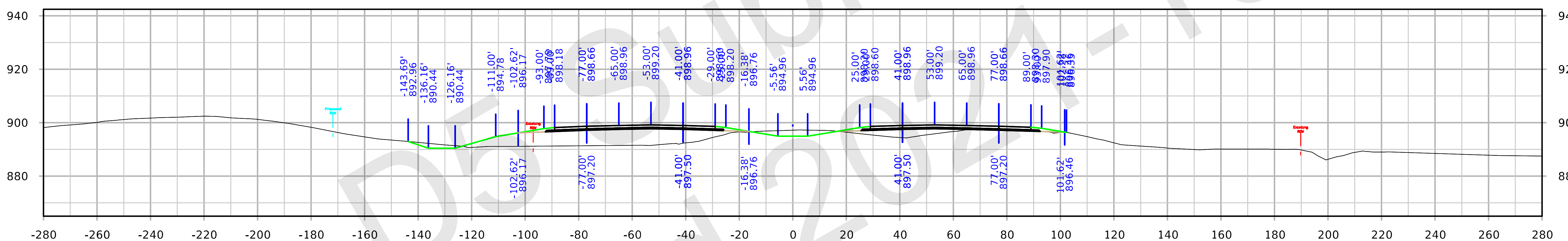


STA. 2197+00.00

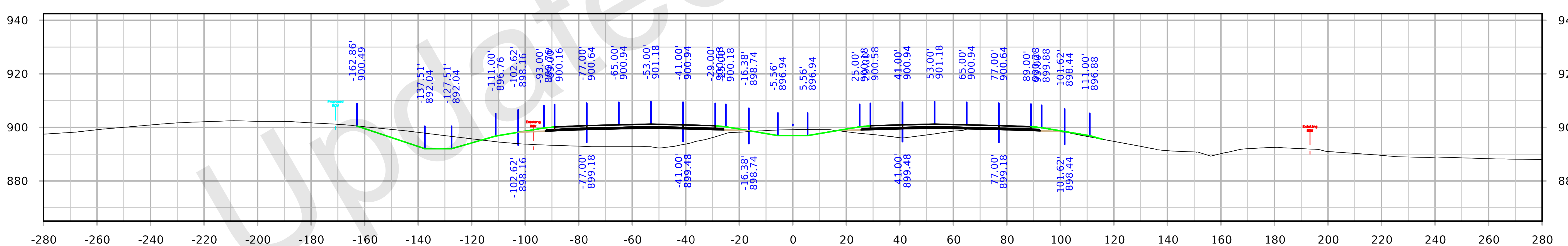
FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER W.162



STA. 2202+00.00



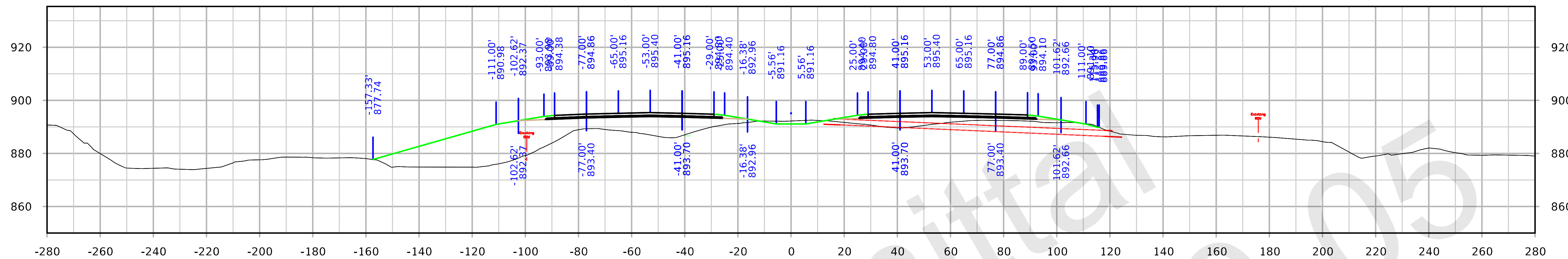
STA. 2201+00.00



STA. 2200+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.163

I-35



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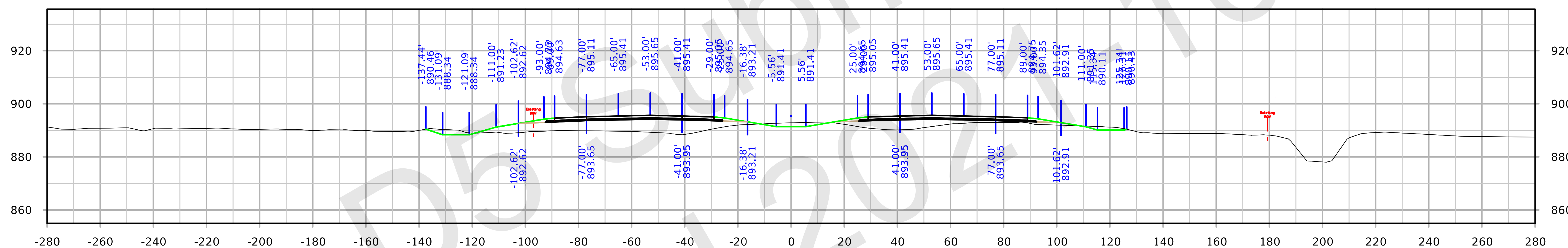
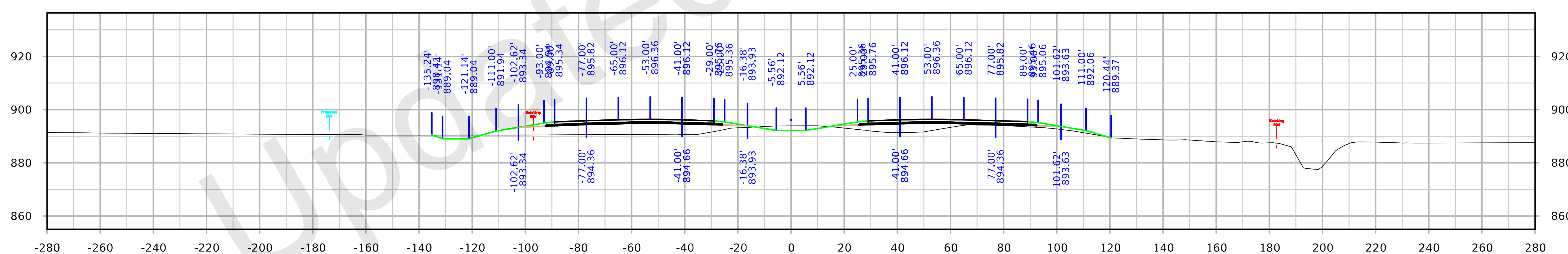
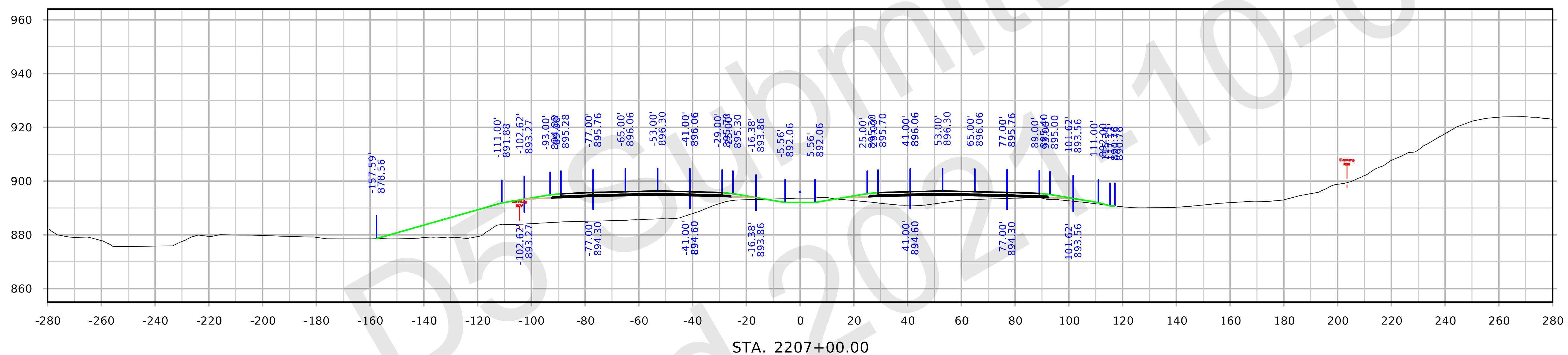


STA. 2204+00.00

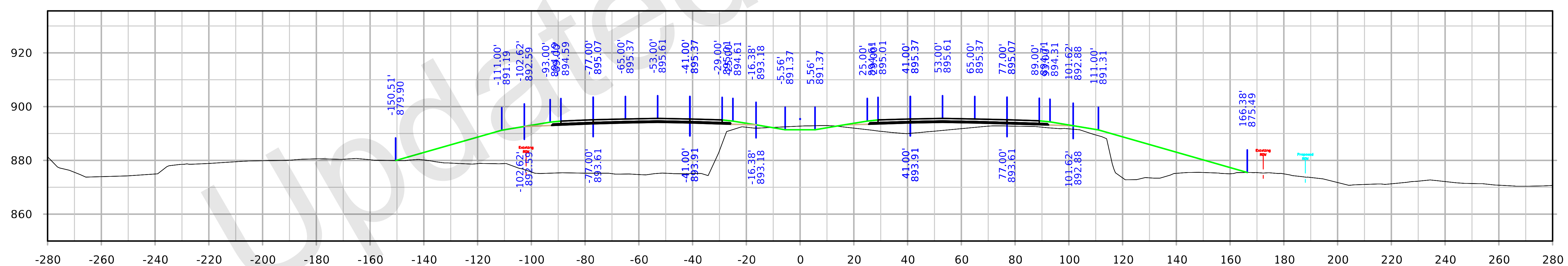


STA. 2203+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.164

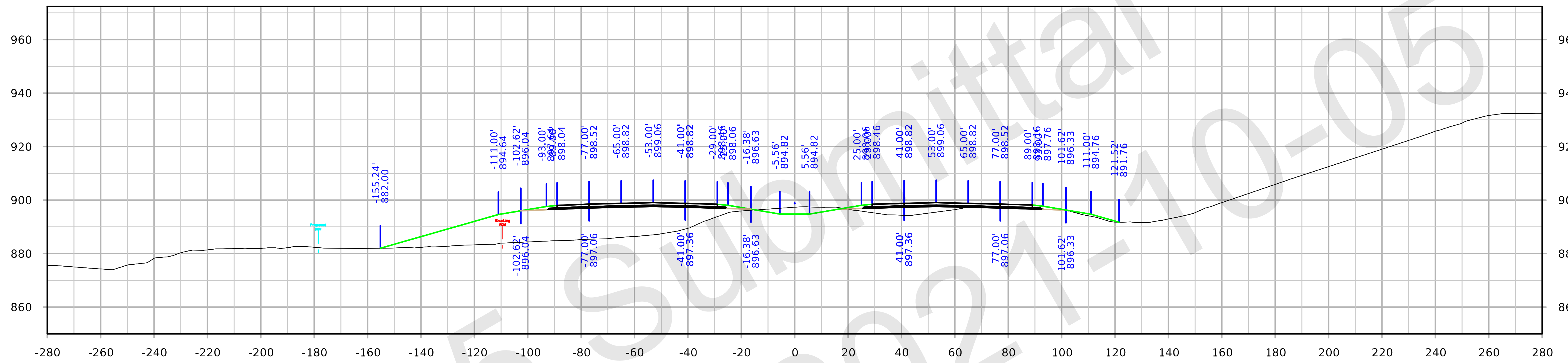


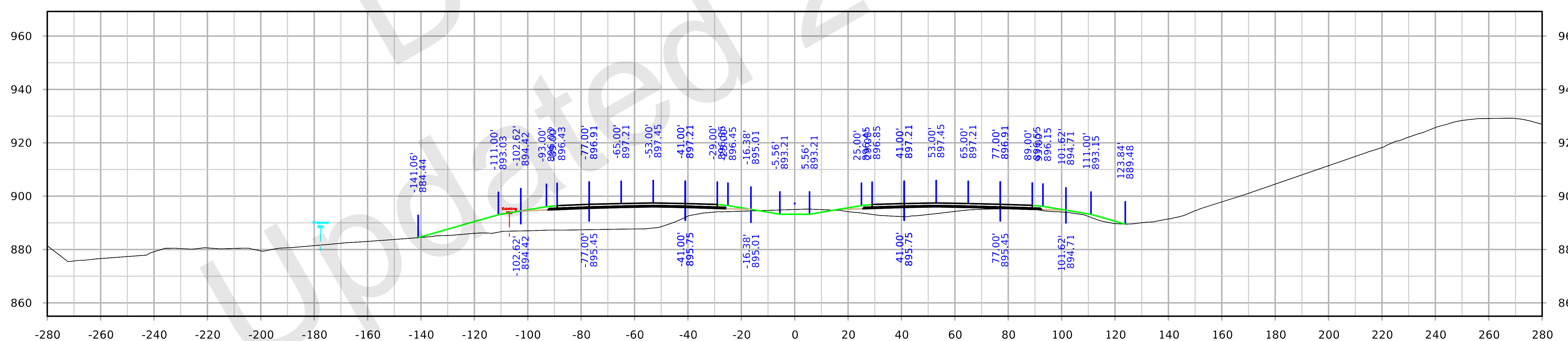
STA. 2207+00.00

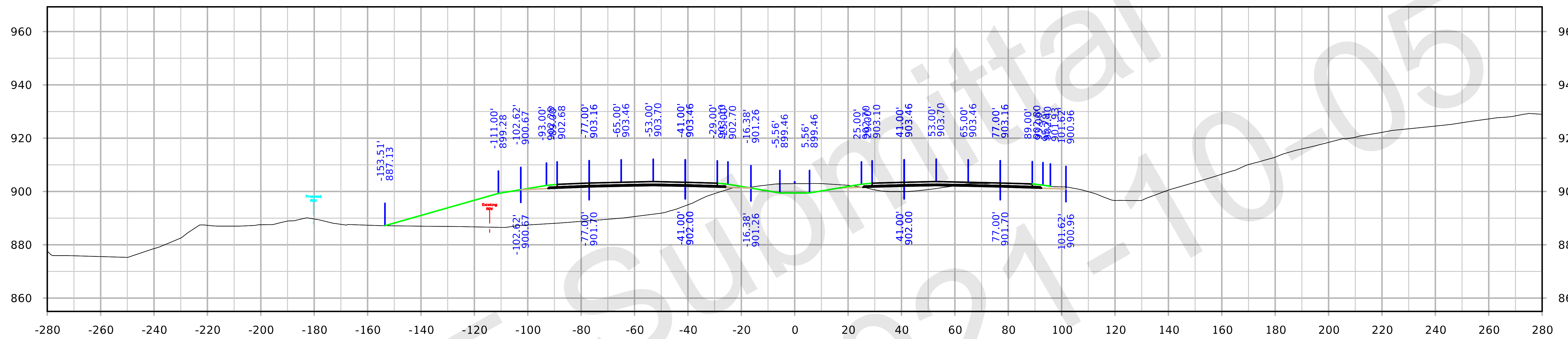


STA. 2206+00.00

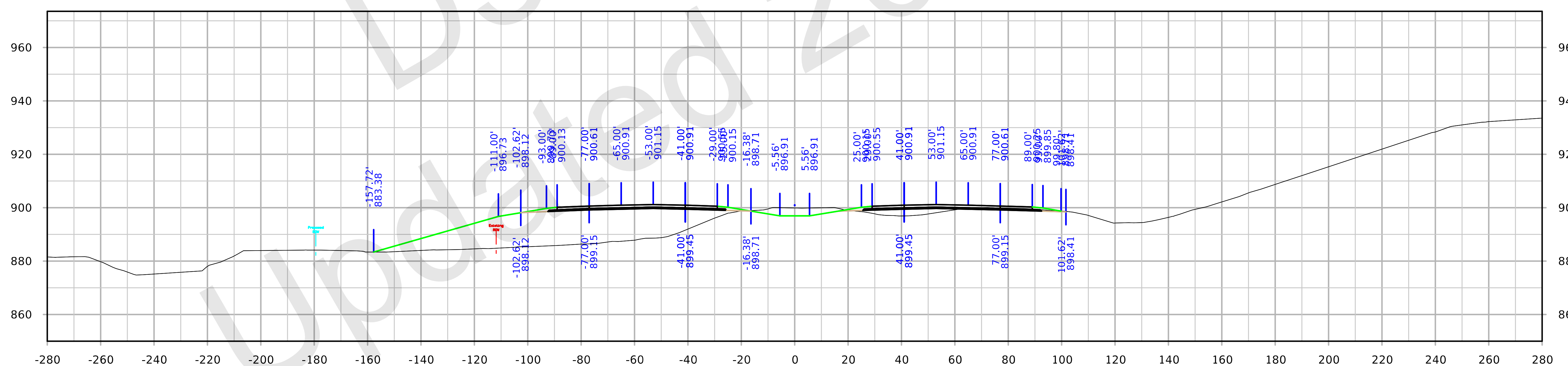
I-35







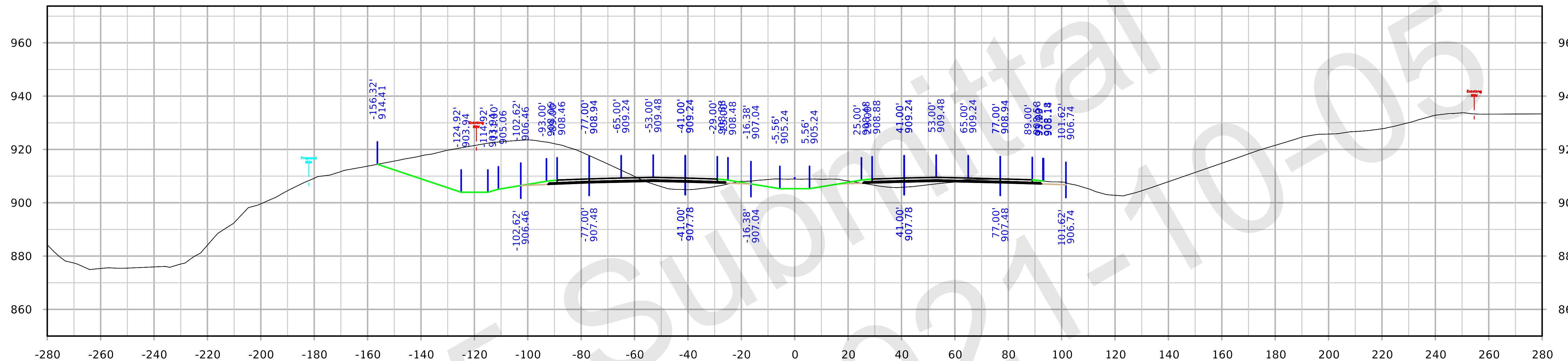
STA. 2211+00.00



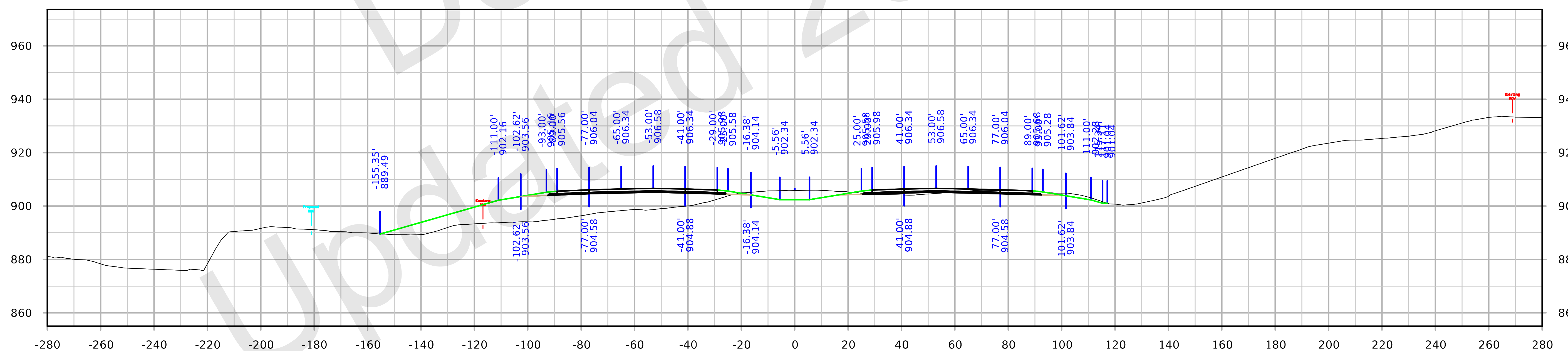
STA. 2210+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.167

10:14:02 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



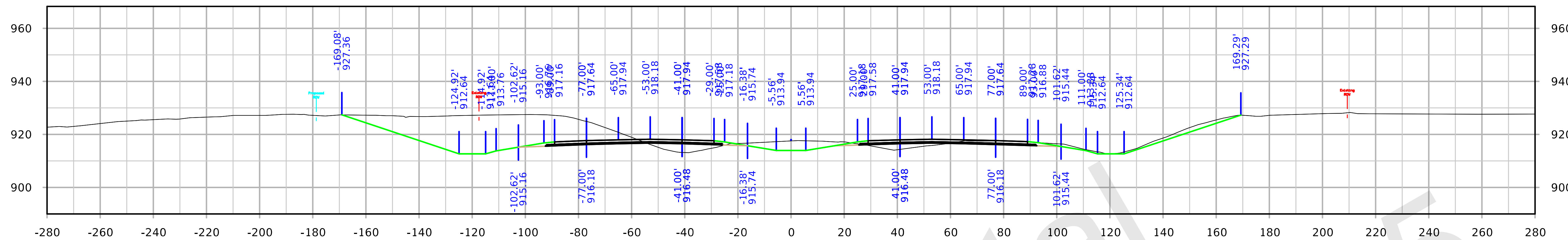
STA. 2213+00.00



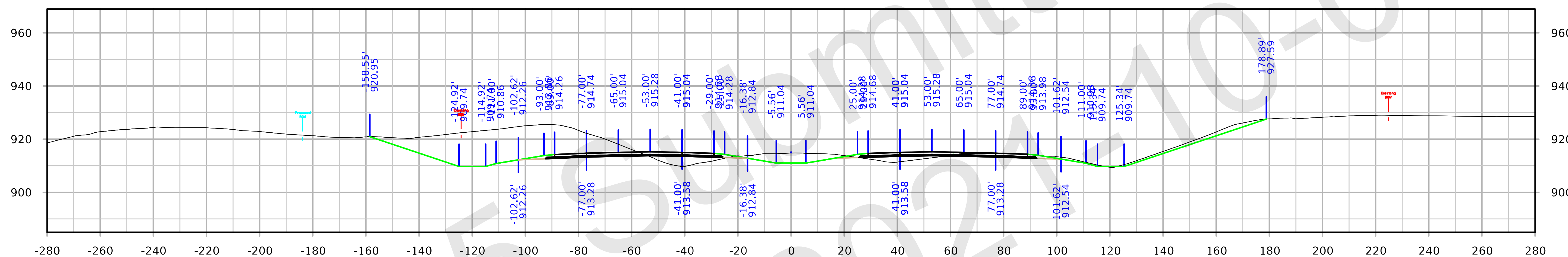
STA. 2212+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.168

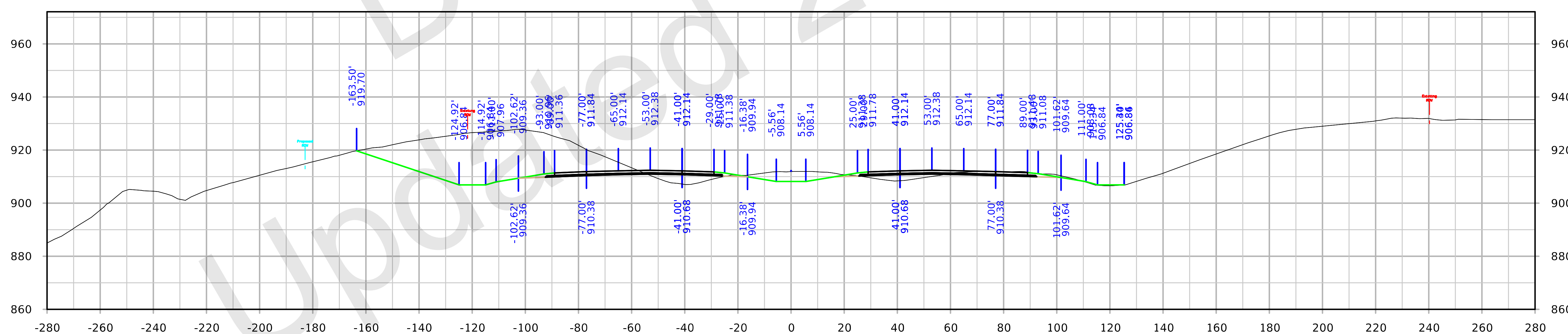
I-35



STA. 2216+00.00



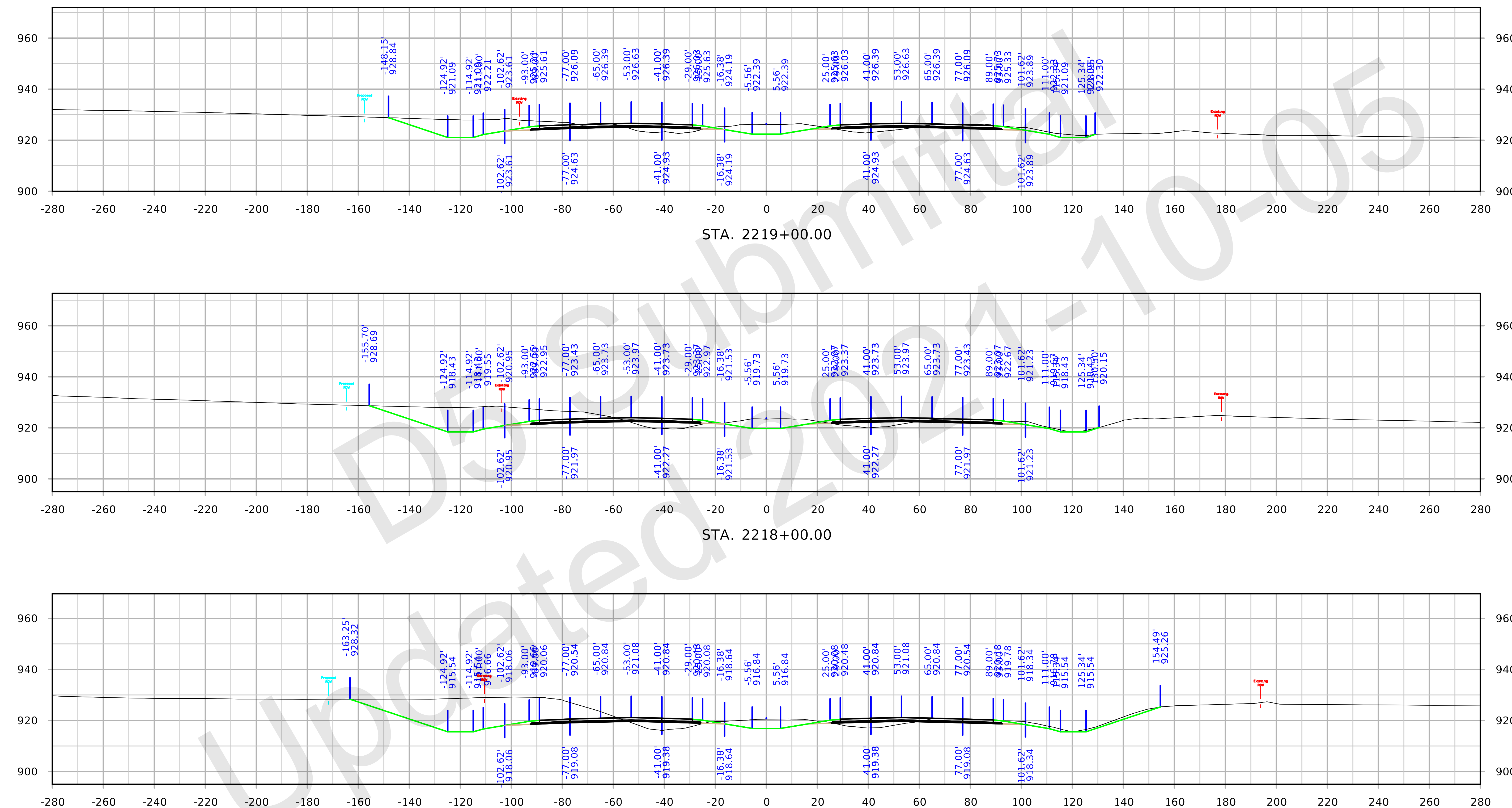
STA. 2215+00.00



STA. 2214+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.169

10:15:32 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn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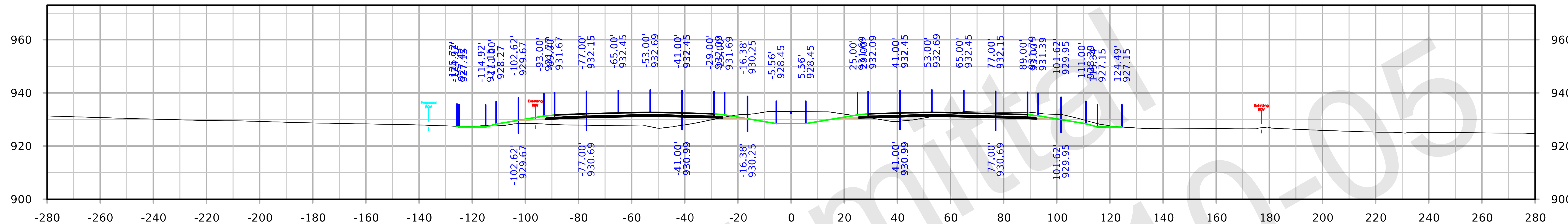
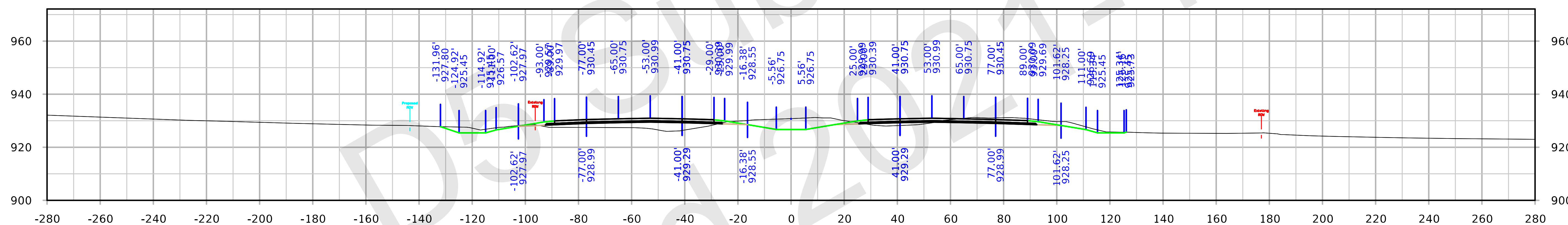
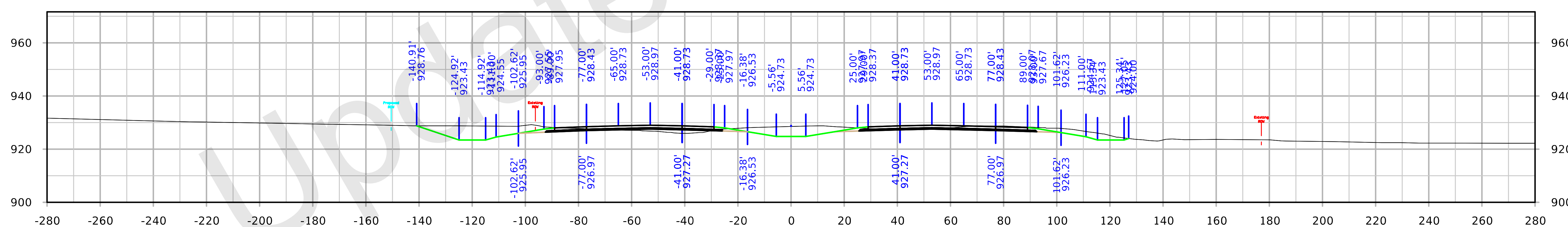
STA. 2218+00.00
STA. 2217+00.00



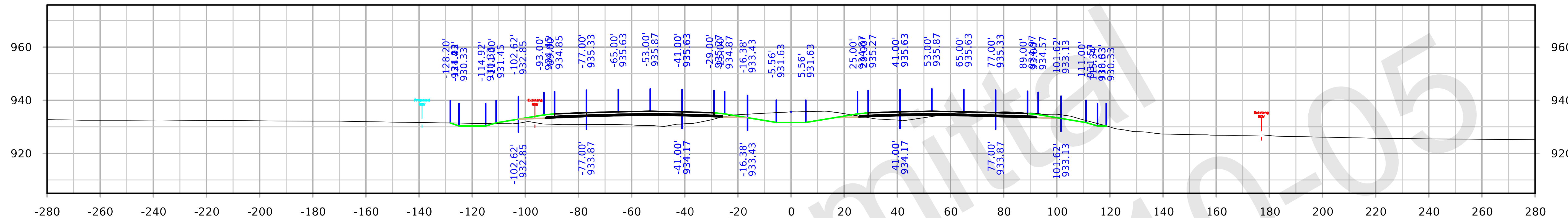
STA. 2222+00.00



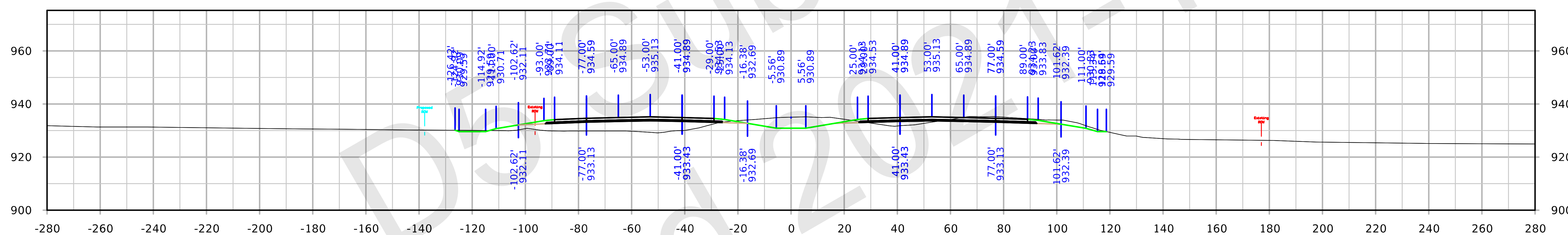
STA. 2221+00.00



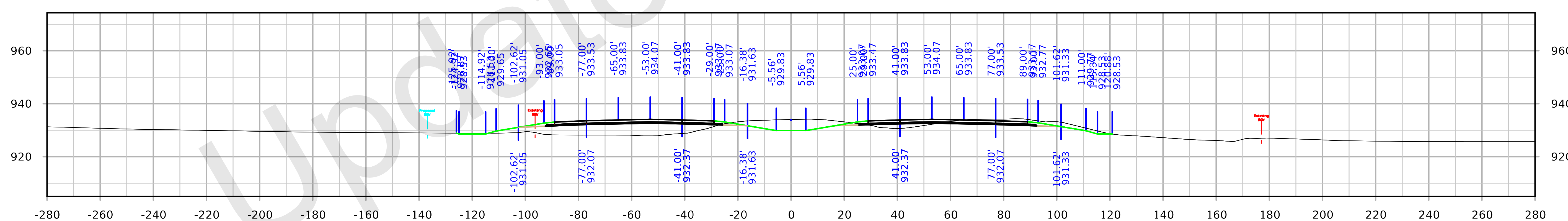
STA. 2220+00.00



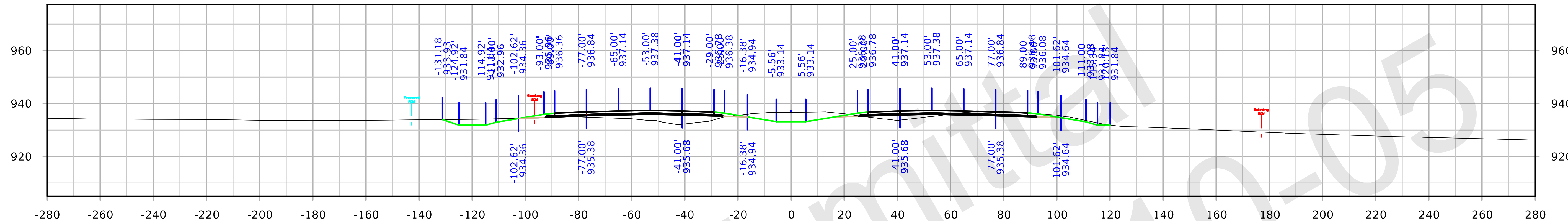
STA. 2225+00.00



STA. 2224+00.00



STA. 2223+00.00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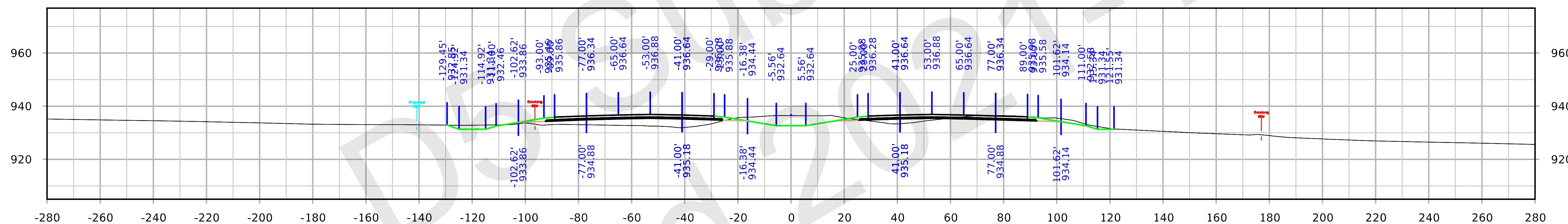
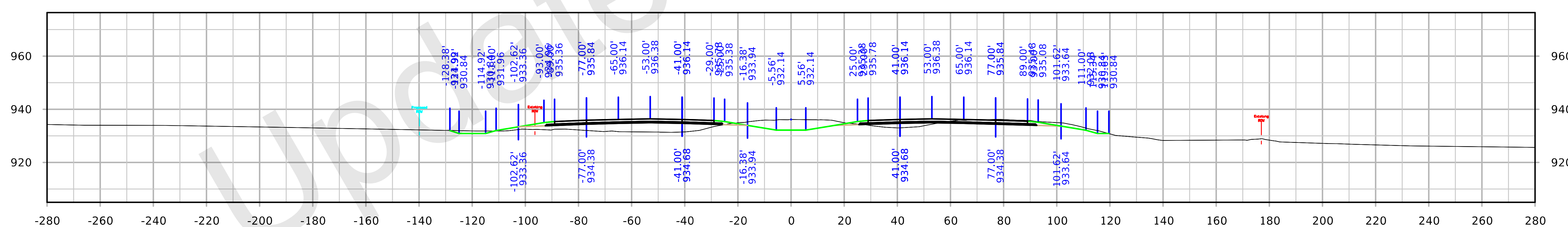
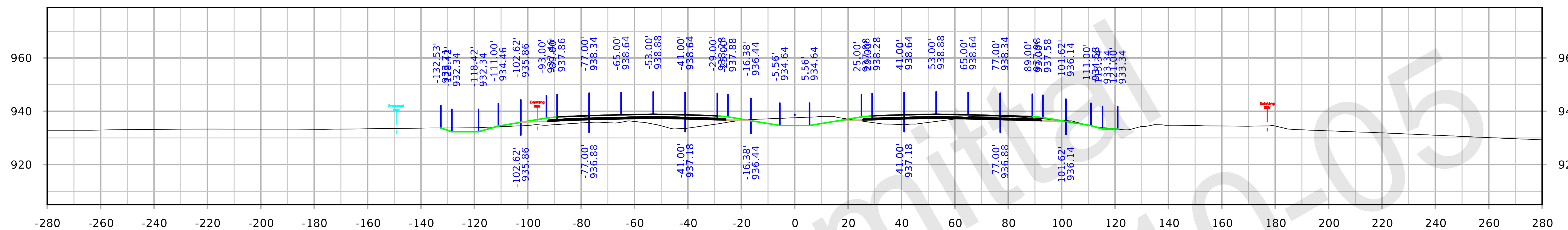
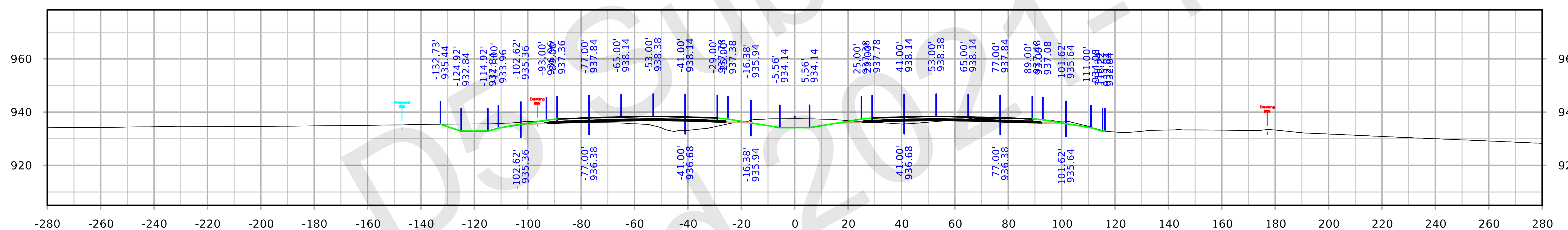

STA. 2227+00.00

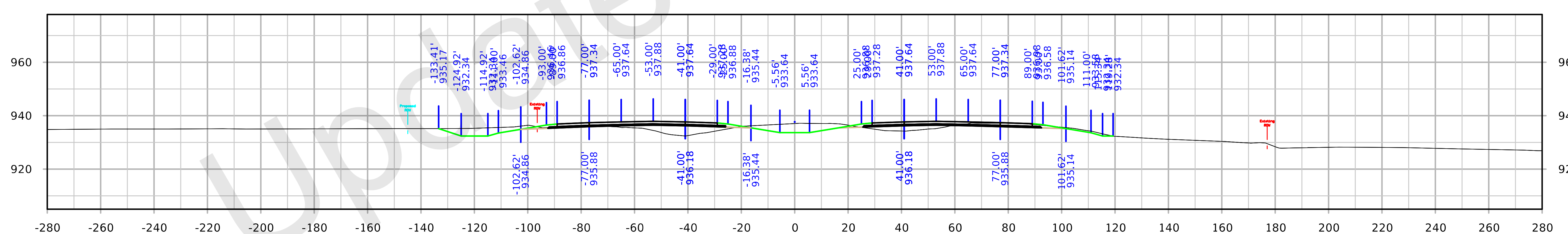

STA. 2226+00.00



STA. 2231+00.00

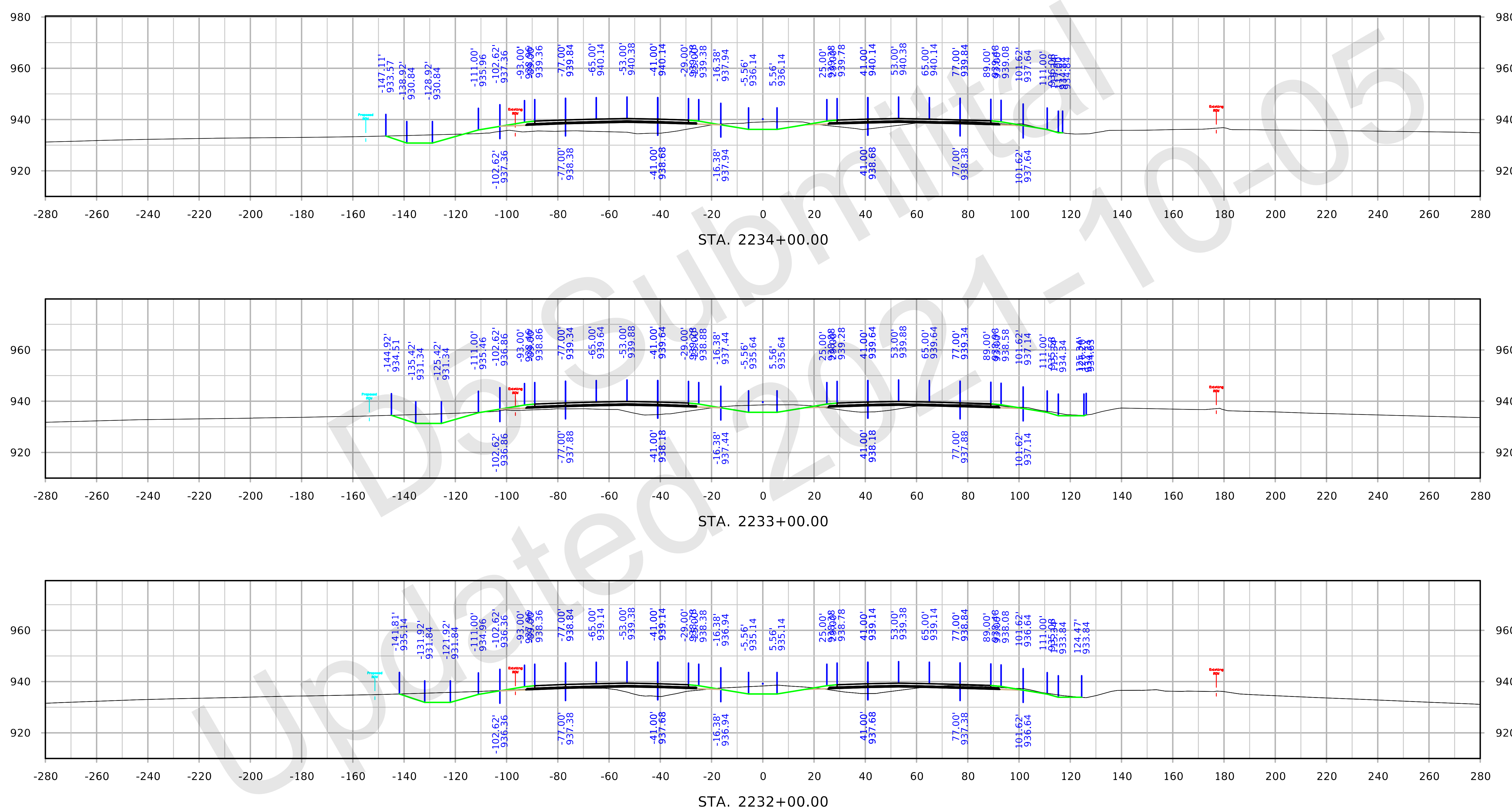


STA. 2230+00.00



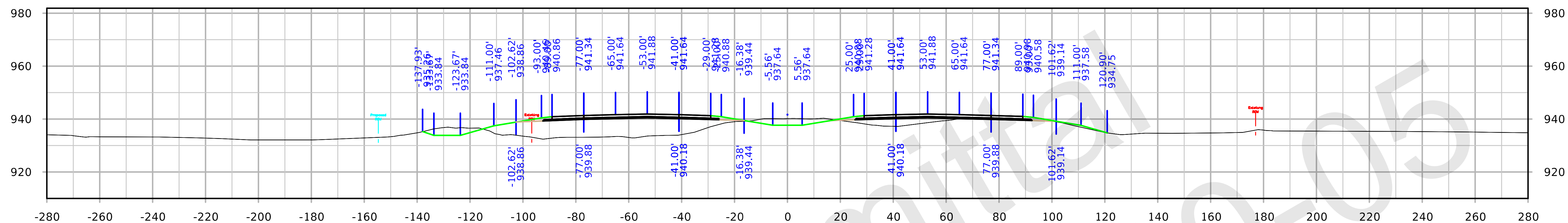
STA. 2229+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.174

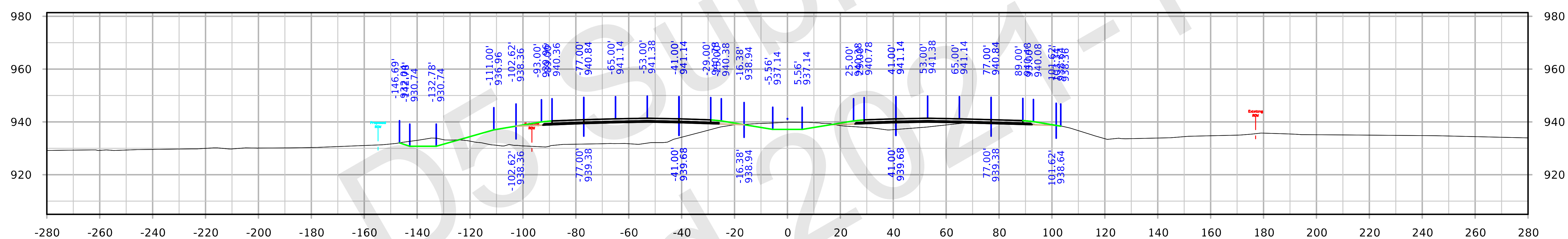


FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.175

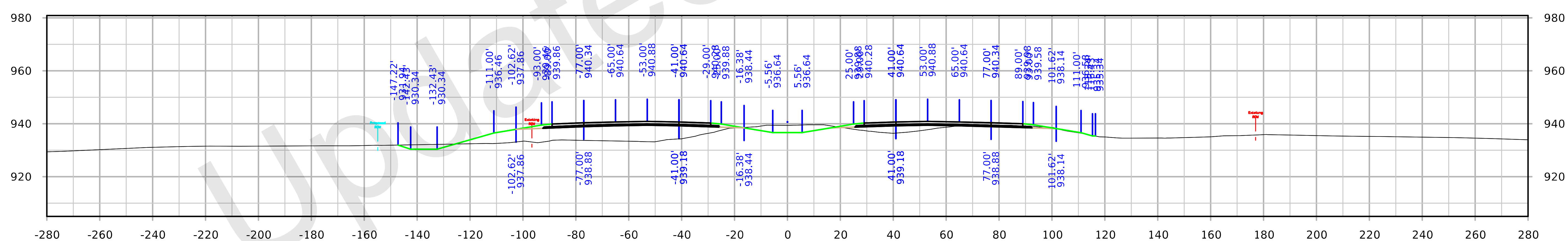
10:21:02 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 2237+00.00

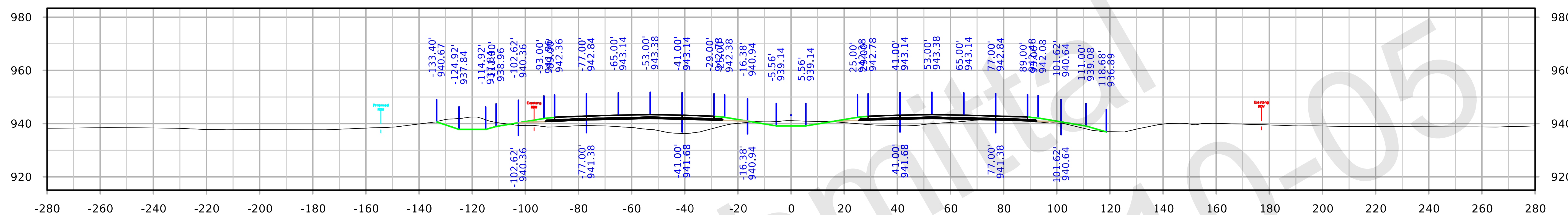


STA. 2236+00.00

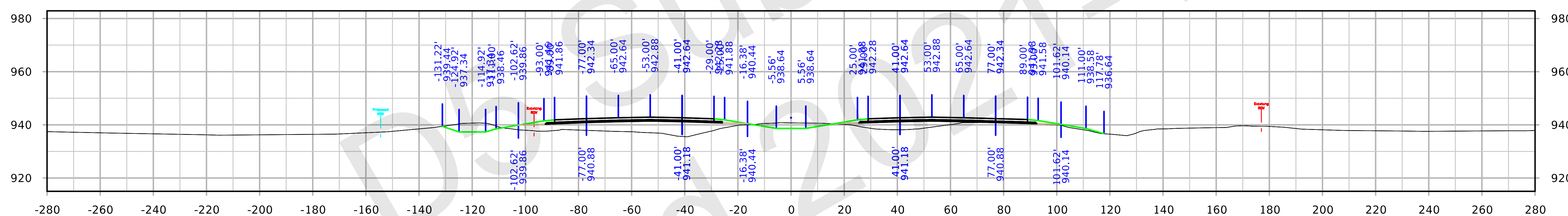


STA. 2235+00.00

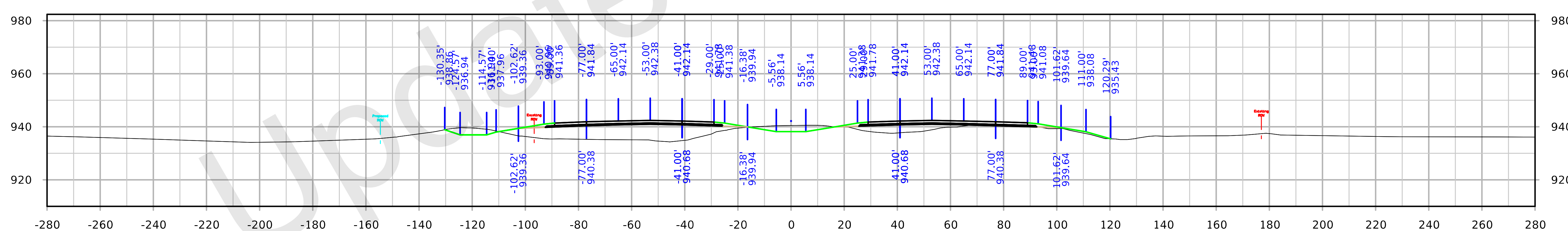
I-35



STA. 2240+00.00



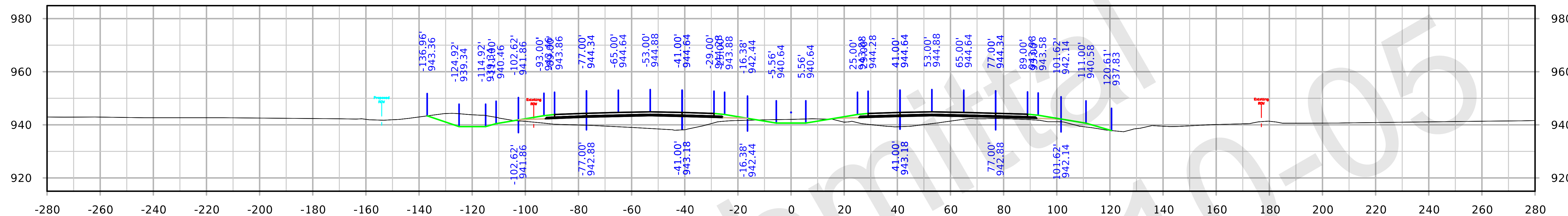
STA. 2239+00.00



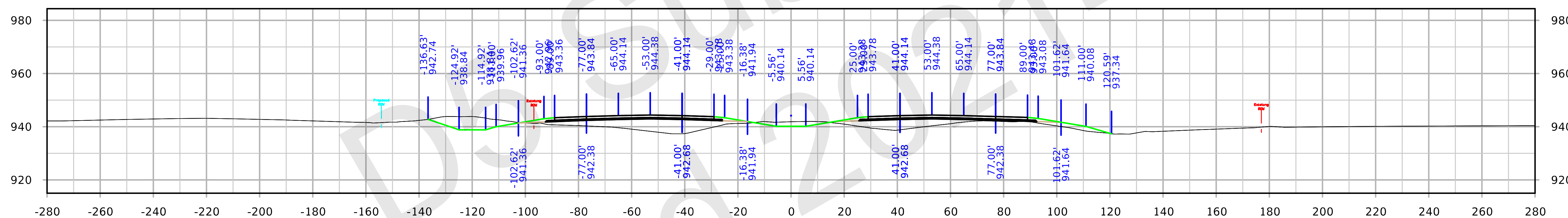
STA. 2238+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.177

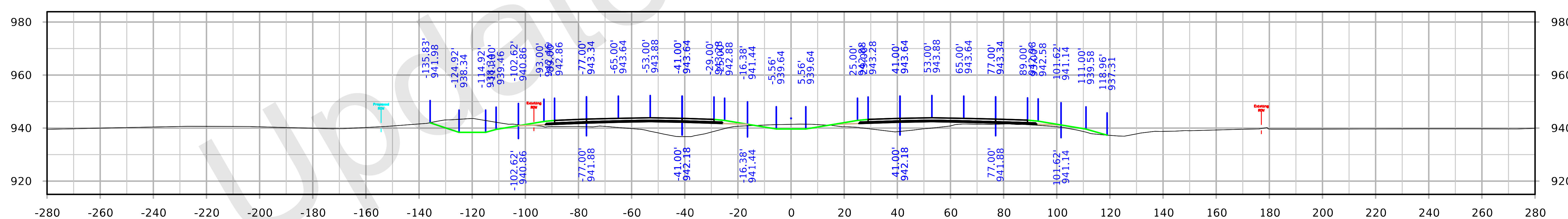
10:22:52 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 2243+00.00



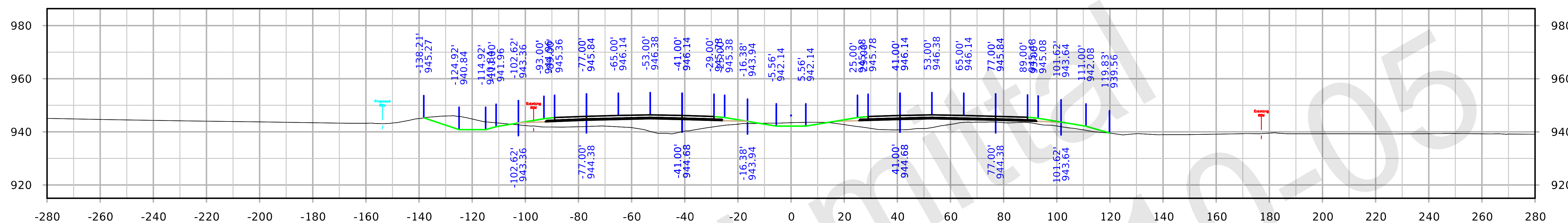
STA. 2242+00.00



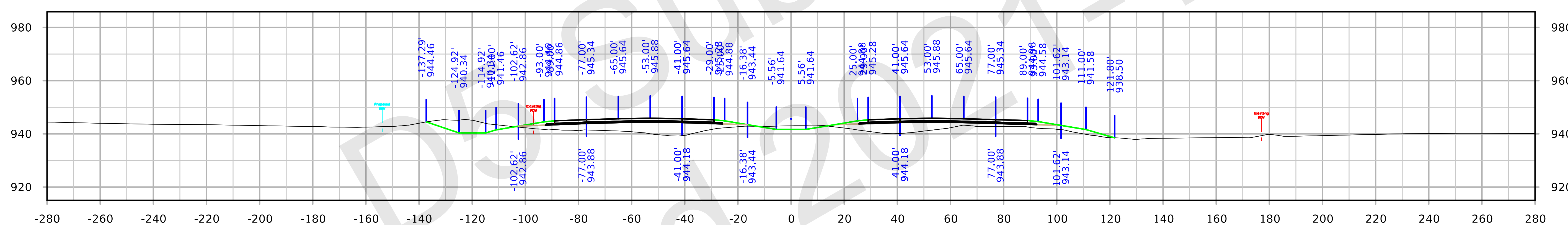
STA. 2241+00.00

FILE NO. 32044 | ENGLISH | DESIGN TEAM Iowa DOT | POLK/STORY COUNTY | PROJECT NUMBER IM-035-4(309)95--13-77 | SHEET NUMBER W.178

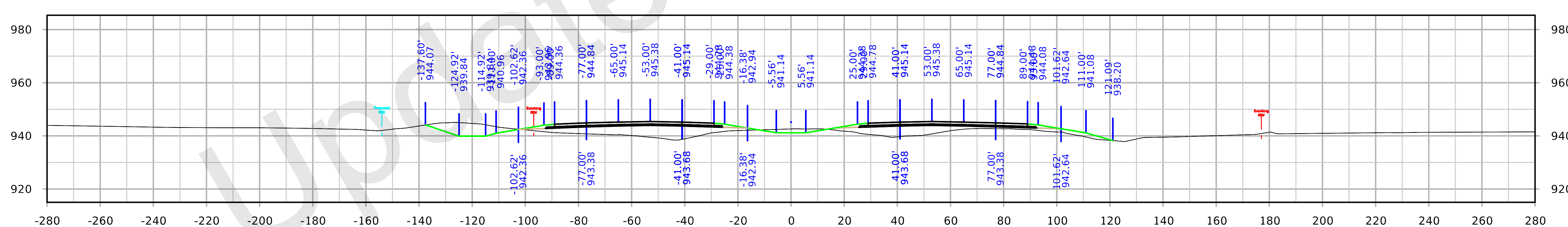
10:23:47 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



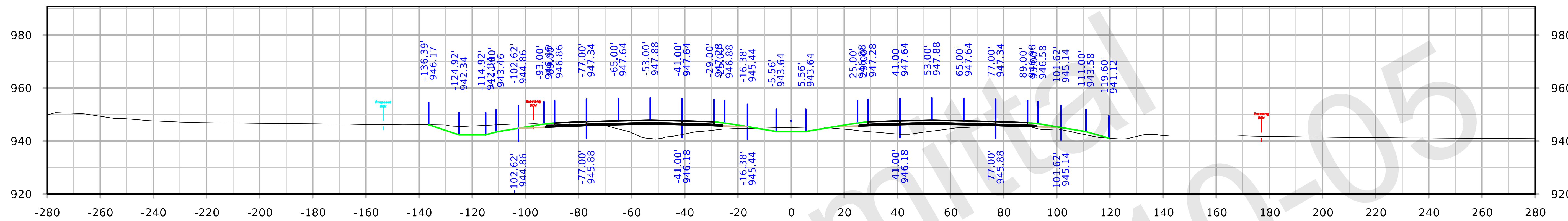
STA. 2246+00.00



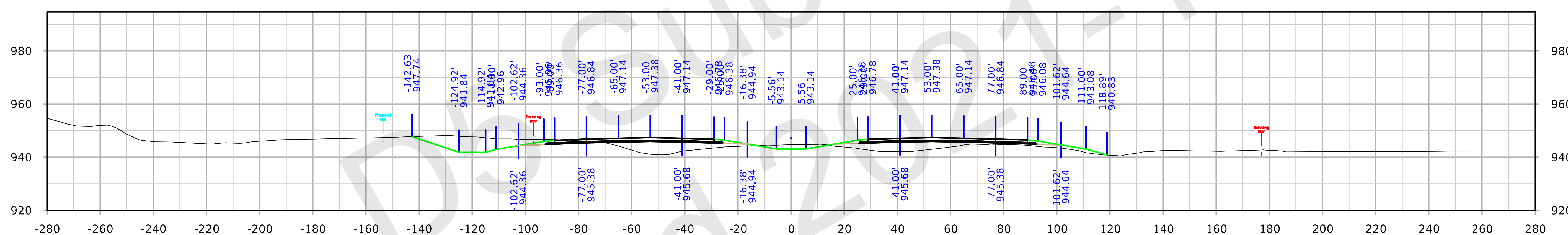
STA. 2245+00.00



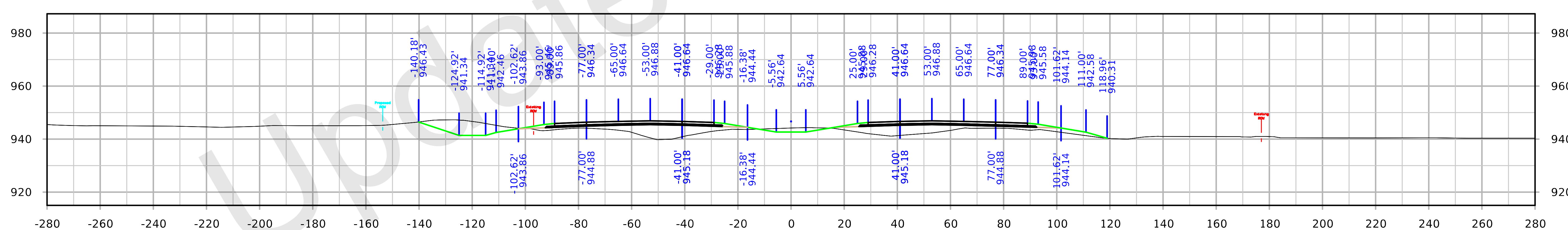
STA. 2244+00.00



STA. 2249+00.00



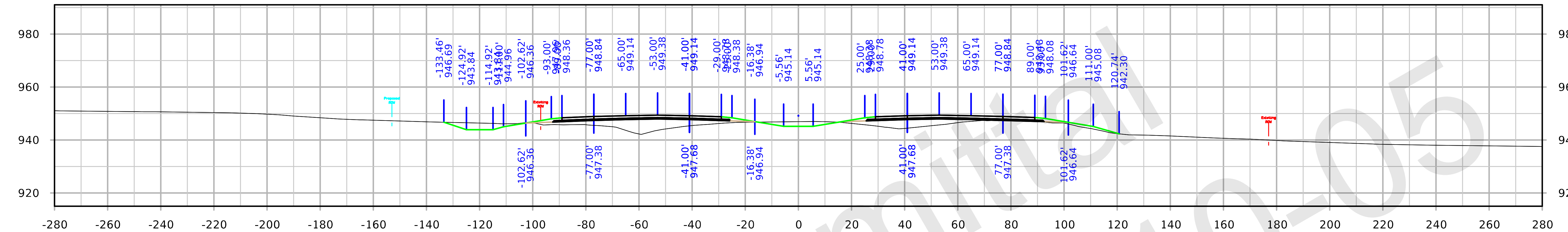
STA. 2248+00.00



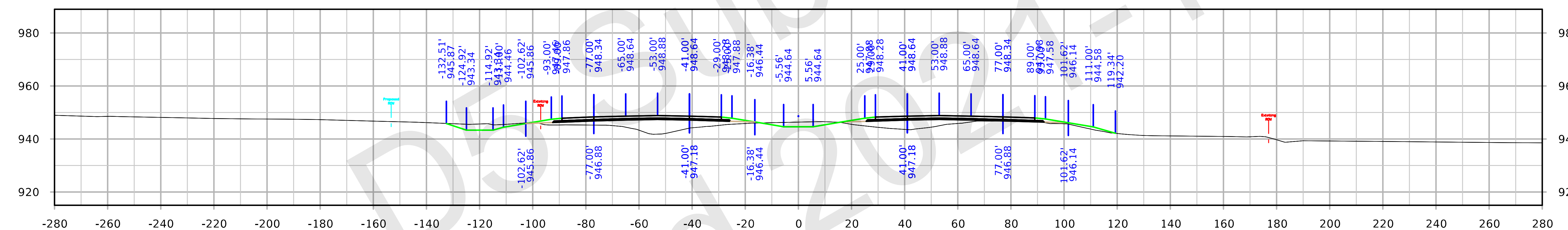
STA. 2247+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.180

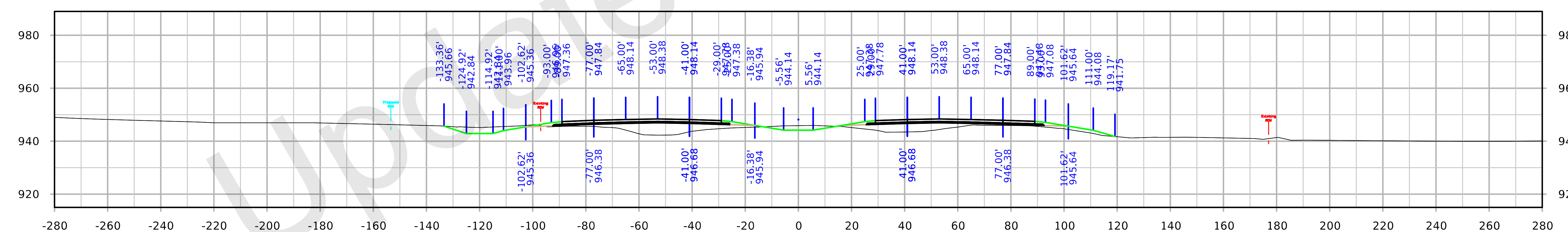
10:25:36 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 2252+00.00



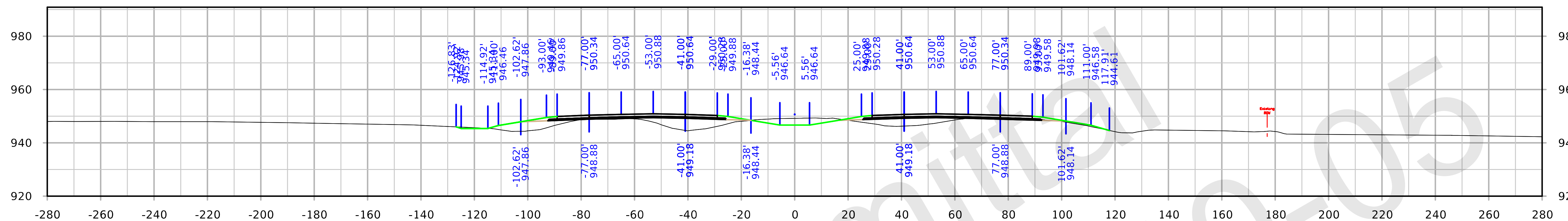
STA. 2251+00.00



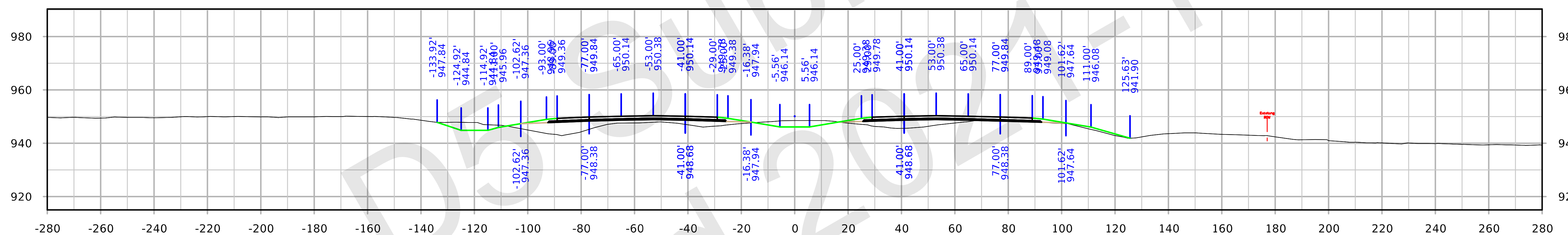
STA. 2250+00.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER W.181

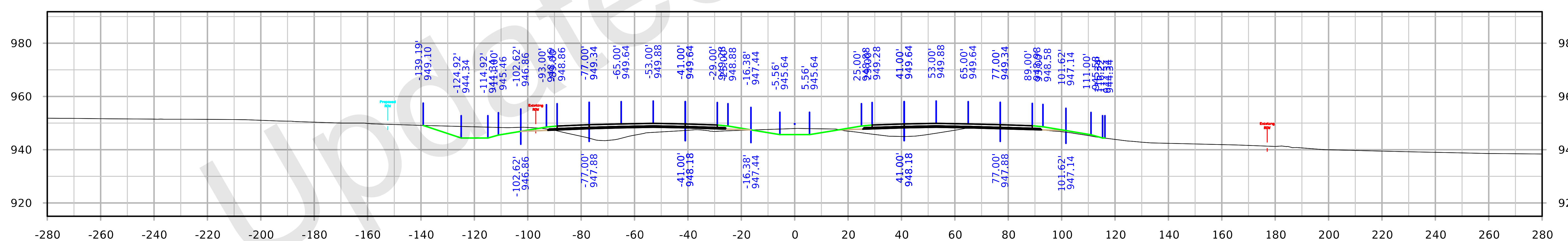
10:26:31 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 2255+00.00



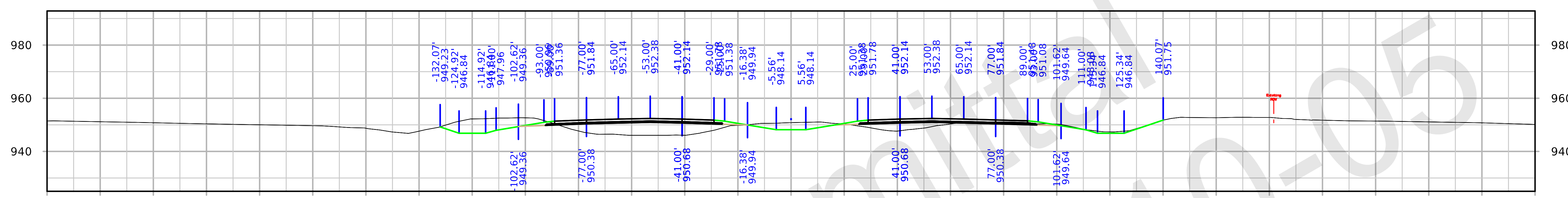
STA. 2254+00.00



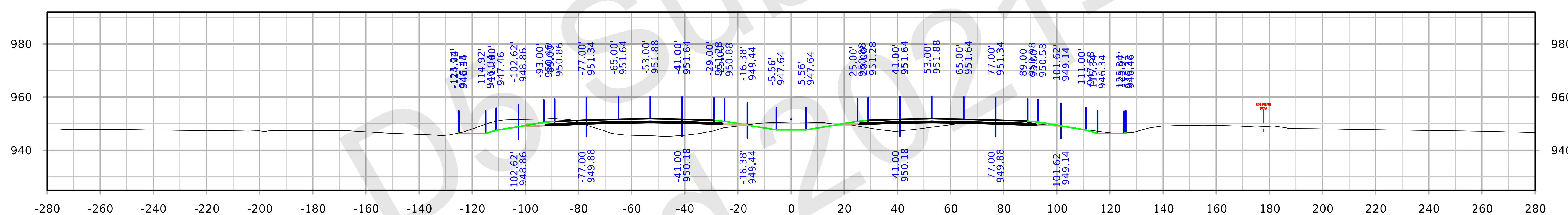
STA. 2253+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.182

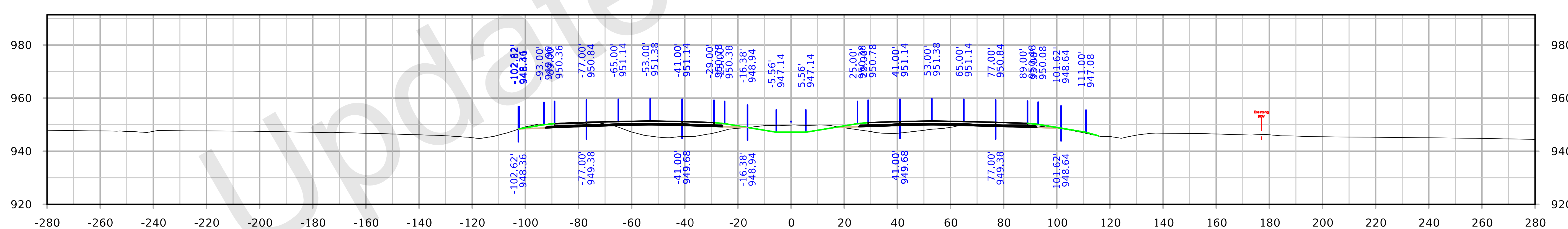
10:27:29 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 2258+00.00



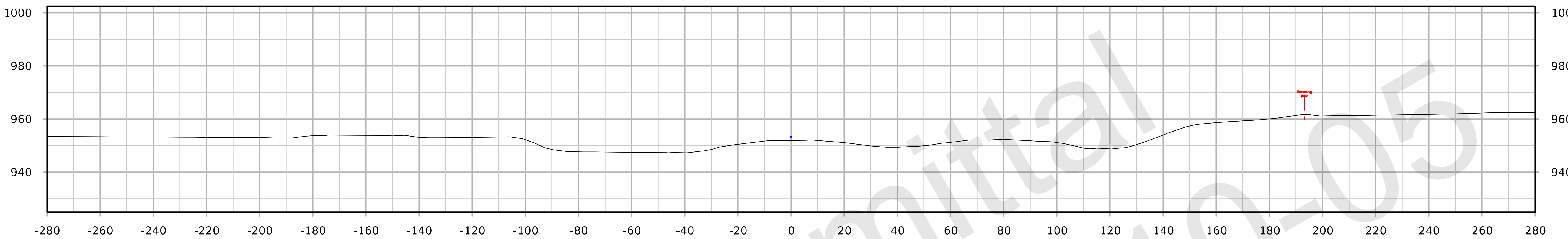
STA. 2257+00.00



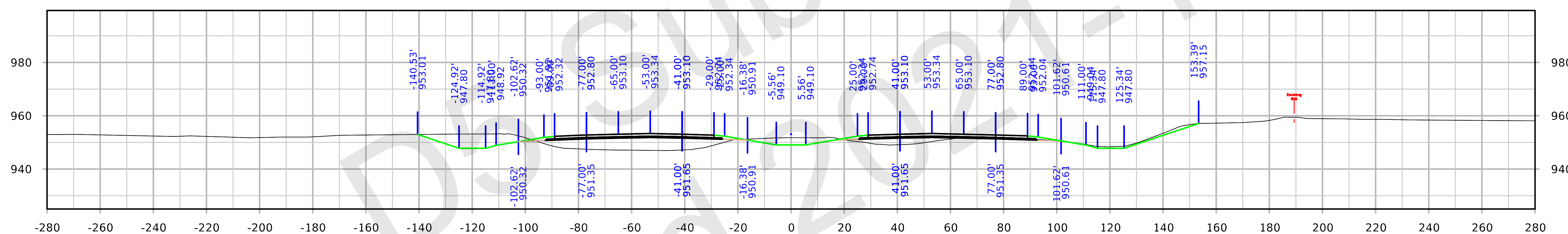
STA. 2256+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.183

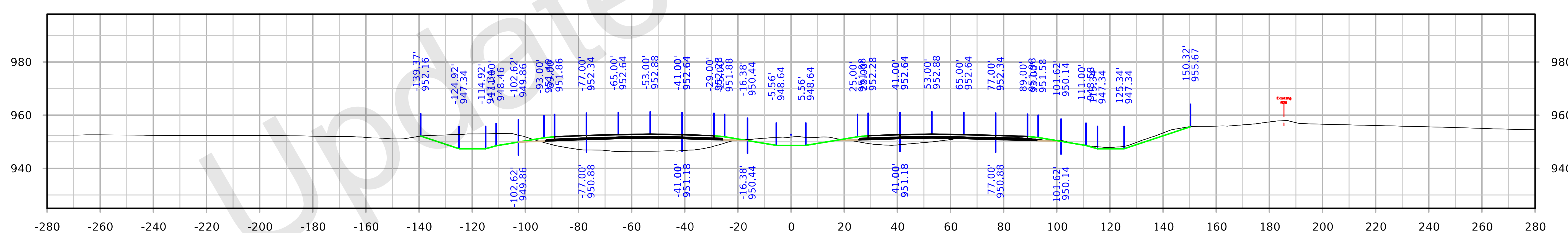
10:28:32 AM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_ML035_77035309Z08.dgn



STA. 2261+00.00



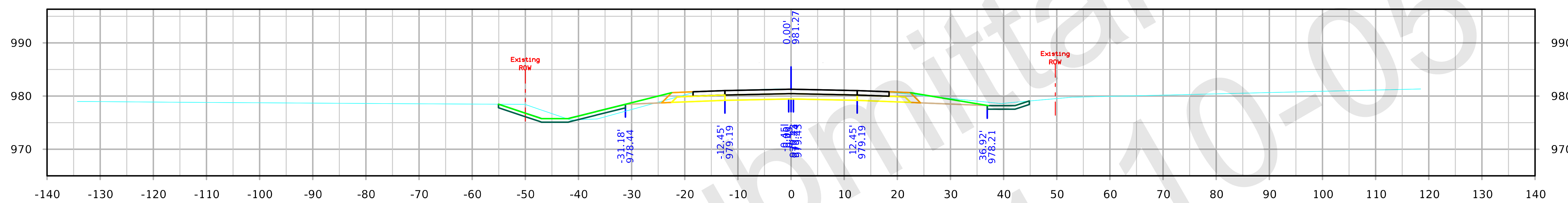
STA. 2260+00.00



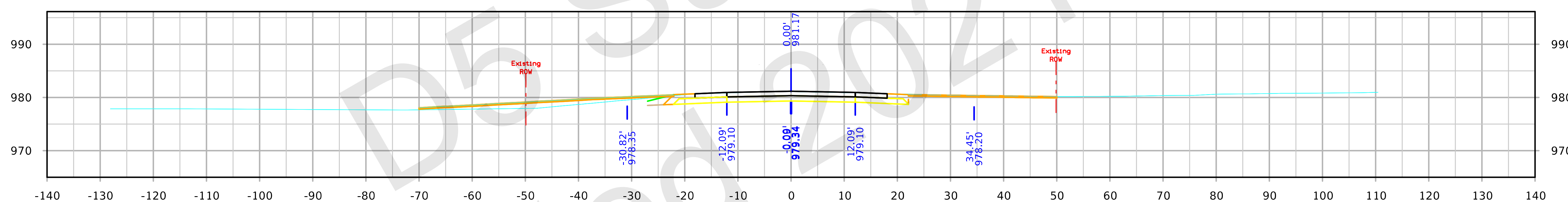
STA. 2259+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER W.184

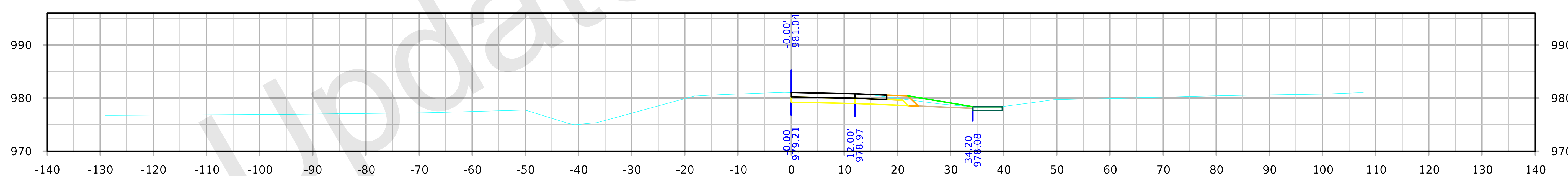
126th Ave



STA. 163+50.00



STA. 163+00.00



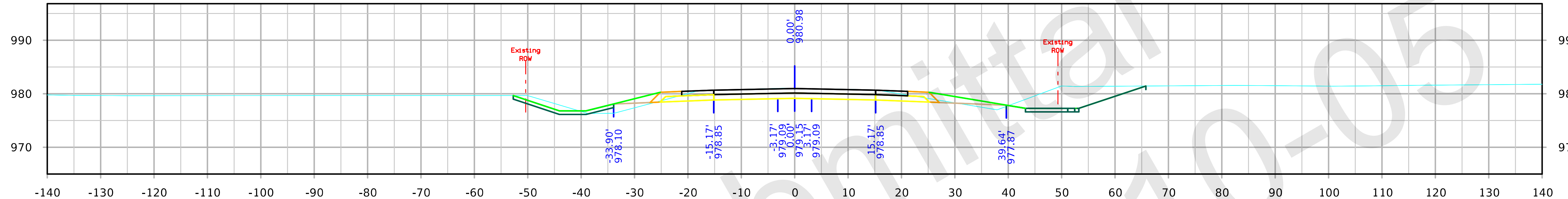
STA. 162+50.00

D5 Submittal Updated 2021-10-05

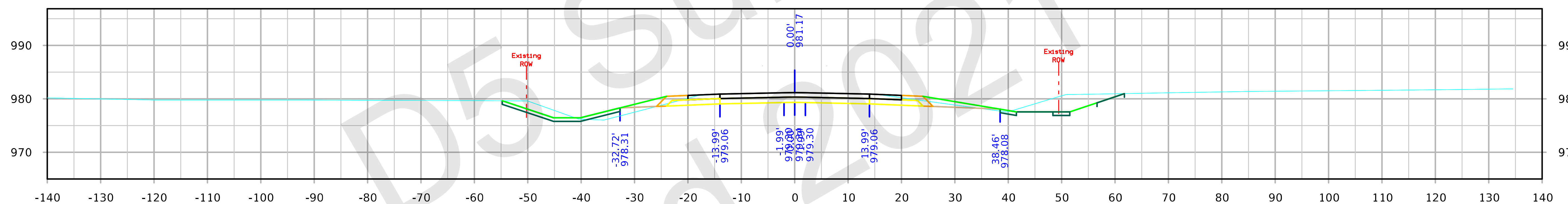
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.100

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

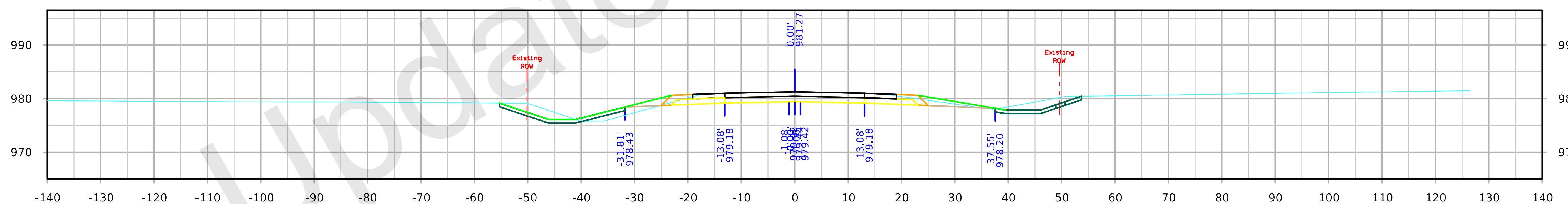
126th Ave



STA. 165+00.00



STA. 164+50.00

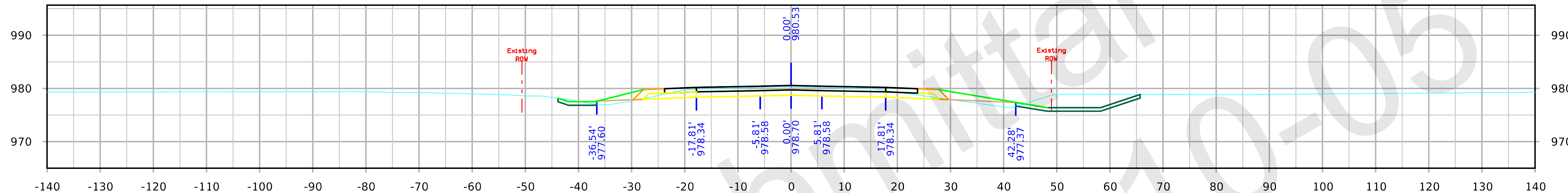


STA. 164+00.00

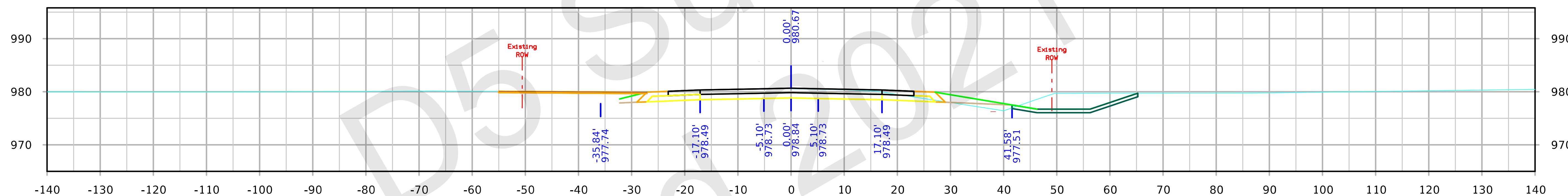
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.101

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

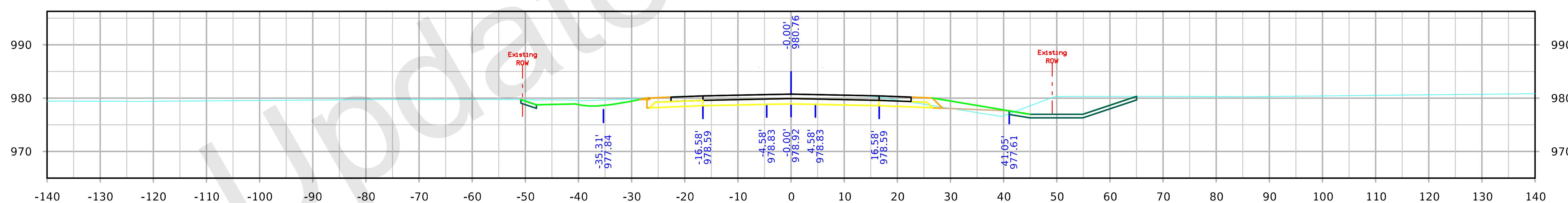
126th Ave



STA. 166+00.00



STA. 165+70.00

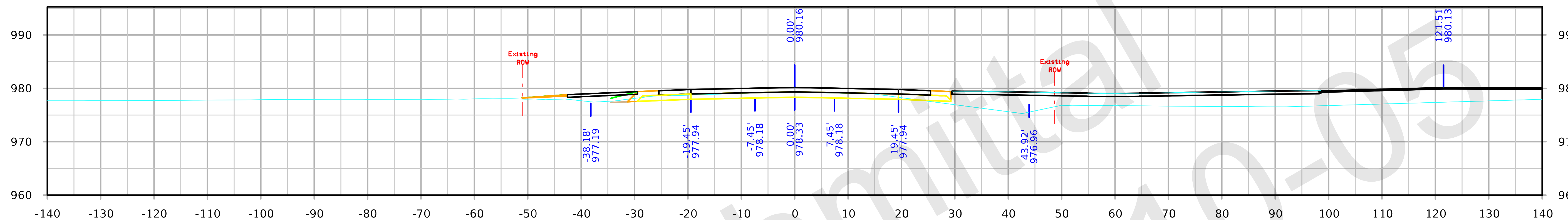


STA. 165+50.00

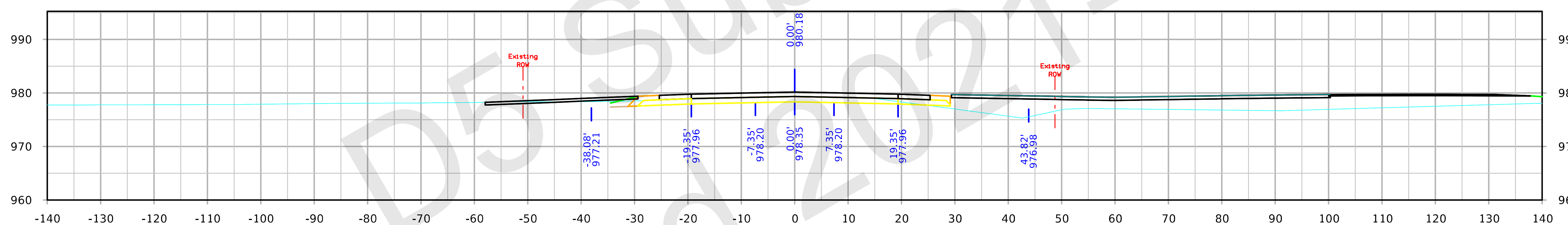
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.102

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

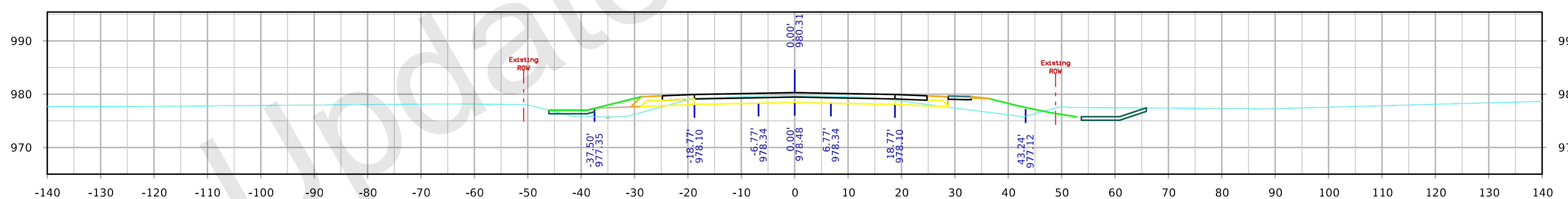
126th Ave



STA. 167+00.00



STA. 166+91.00

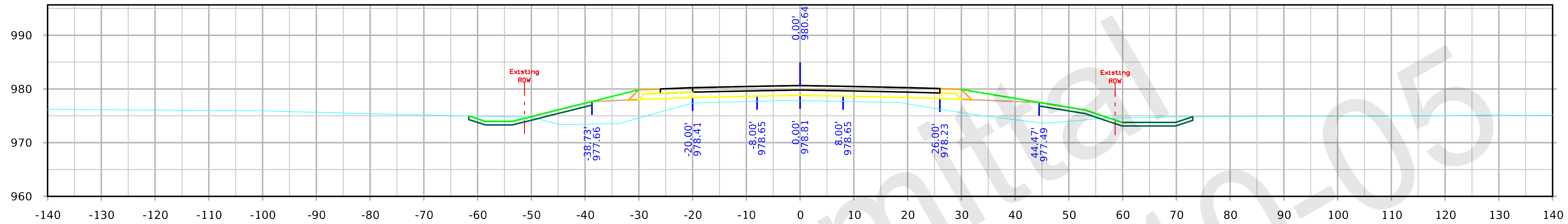


STA. 166+50.00

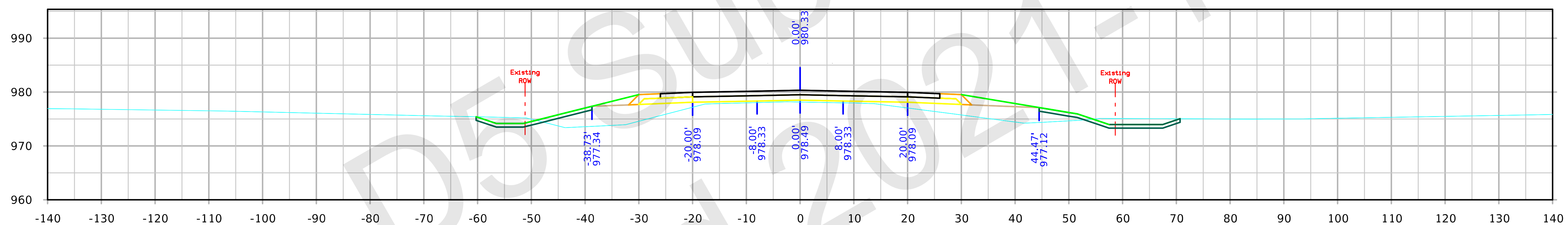
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.103

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

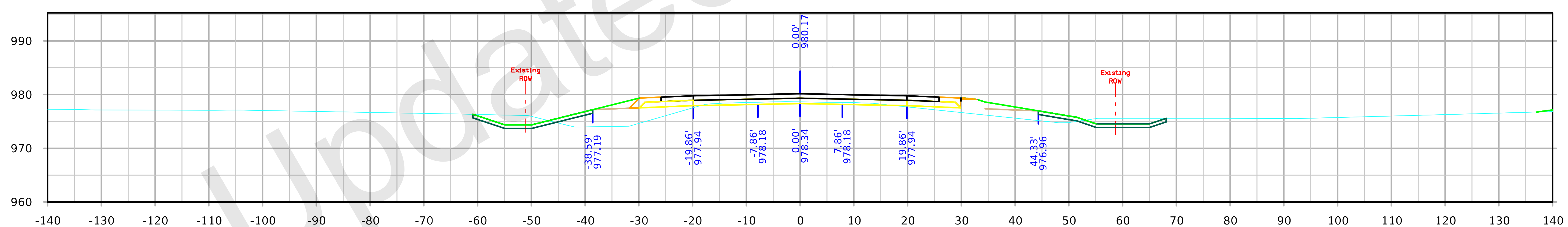
126th Ave



STA. 168+50.00



STA. 168+00.00

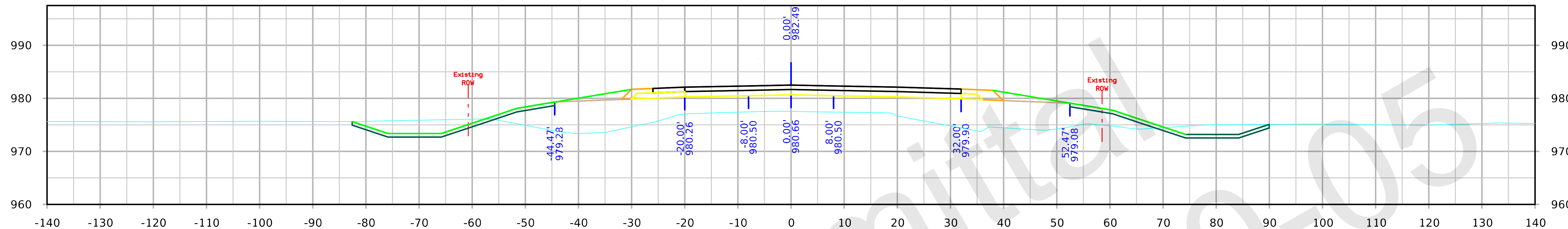


STA. 167+50.00

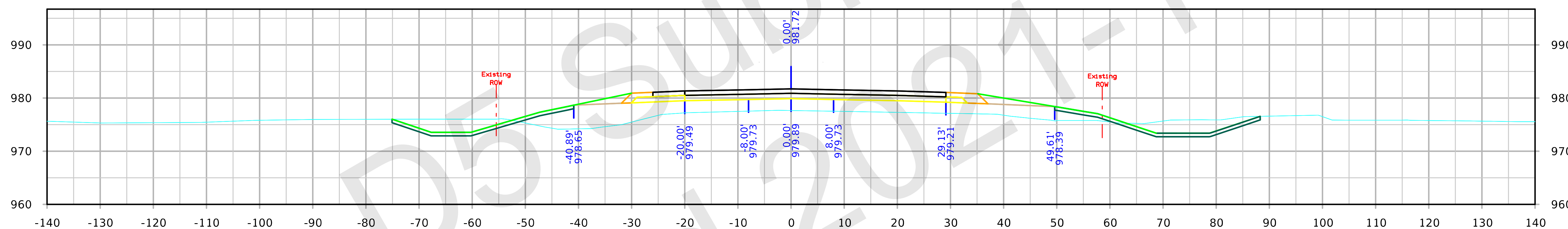
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.104

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

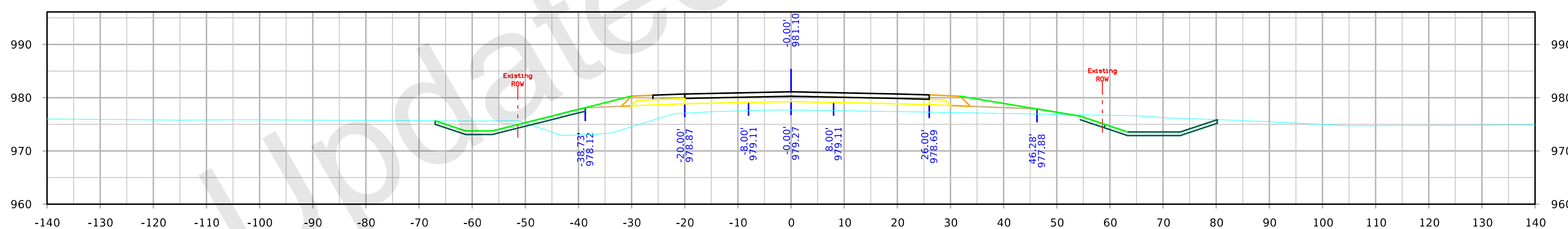
126th Ave



STA. 170+00.00



STA. 169+50.00

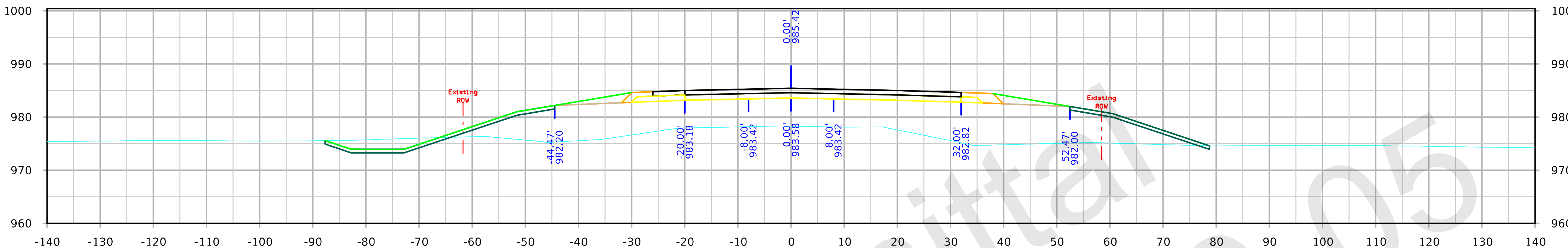


STA. 169+00.00

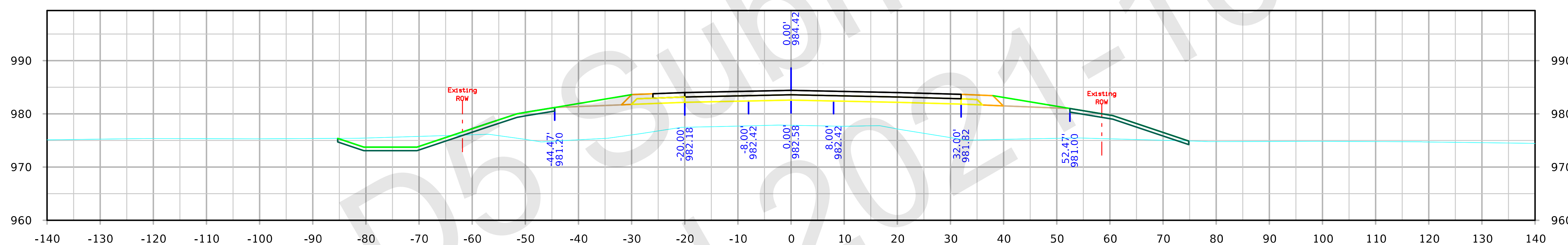
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.105

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

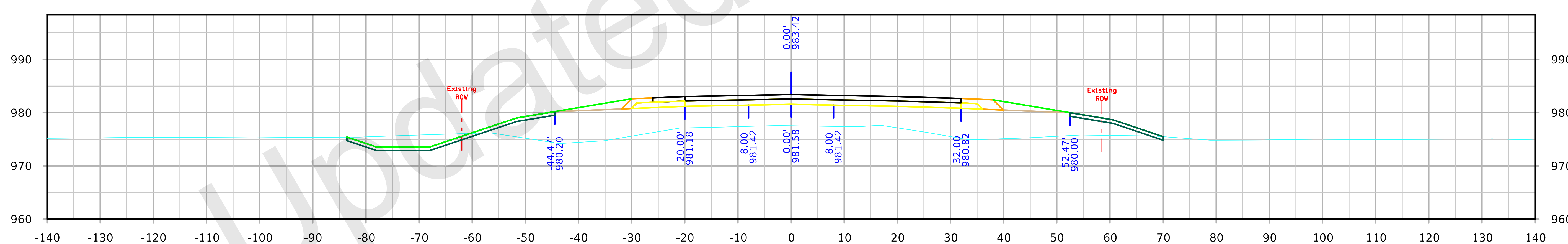
126th Ave



STA. 171+50.00



STA. 171+00.00

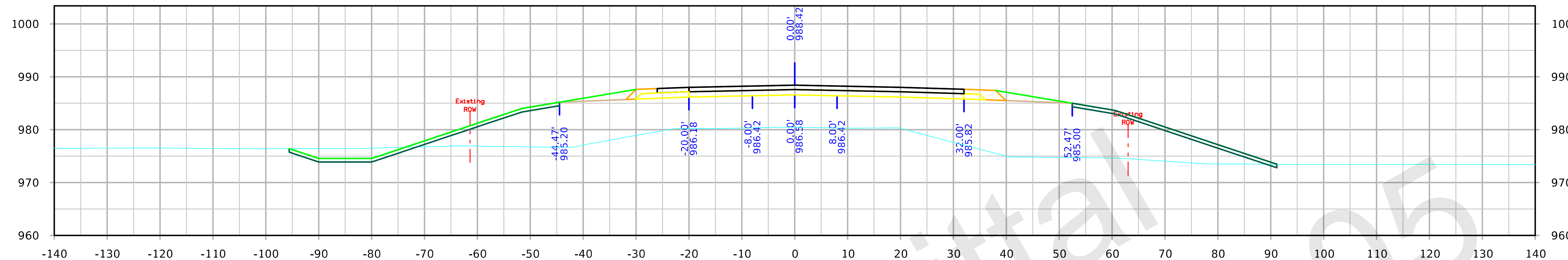


STA. 170+50.00

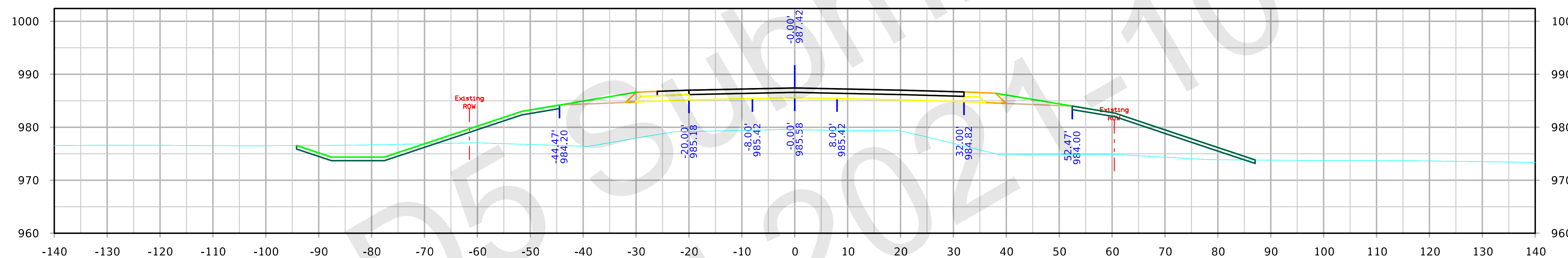
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.106

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

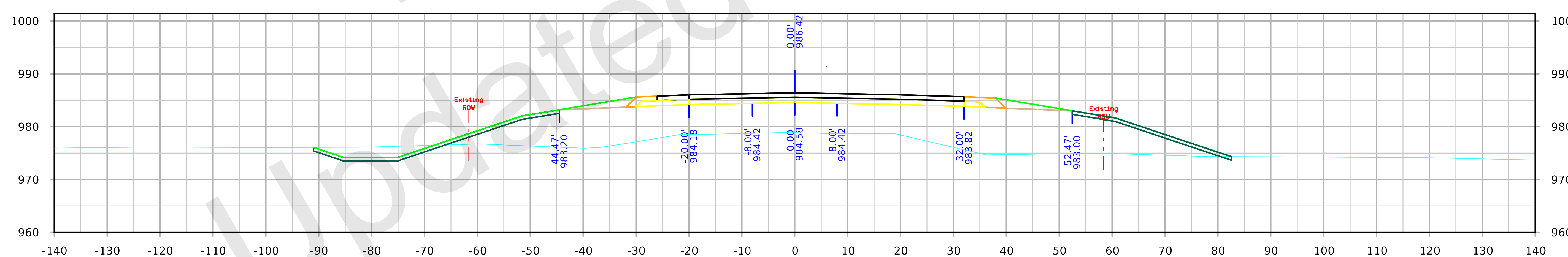
126th Ave



STA. 173+00.00



STA. 172+50.00

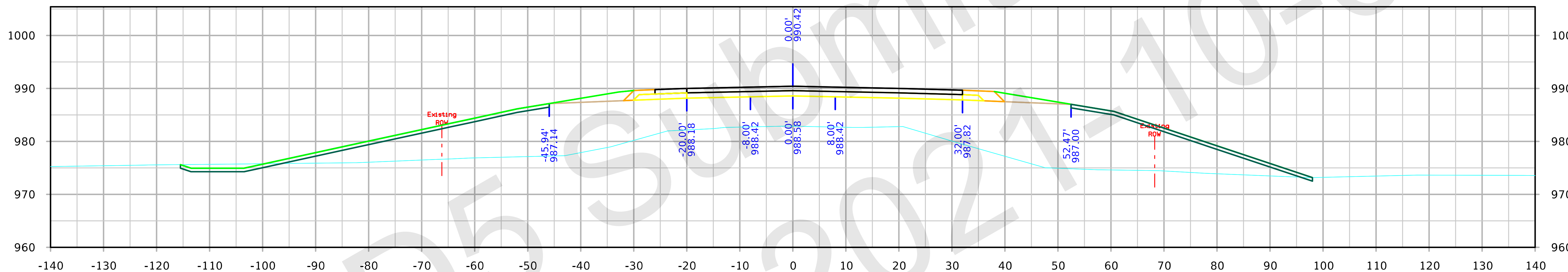


STA. 172+00.00

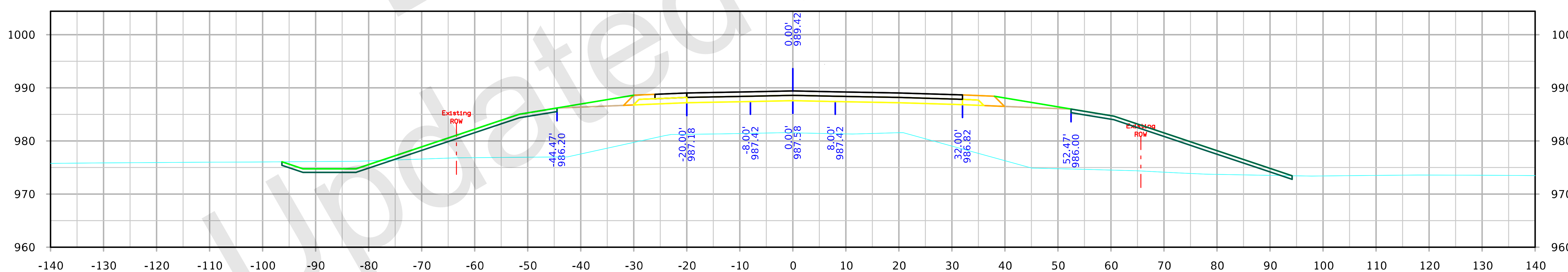
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.107

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave



STA. 174+00.00

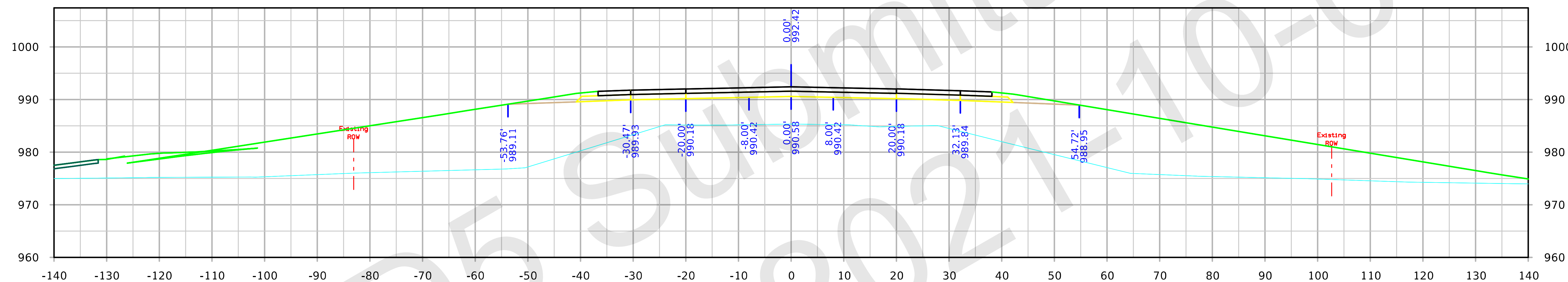


STA. 173+50.00

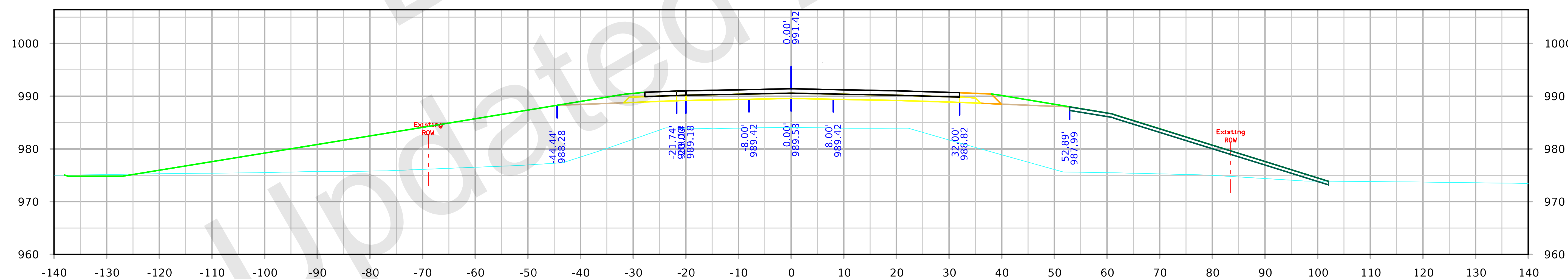
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.108

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave



STA. 175+00.00

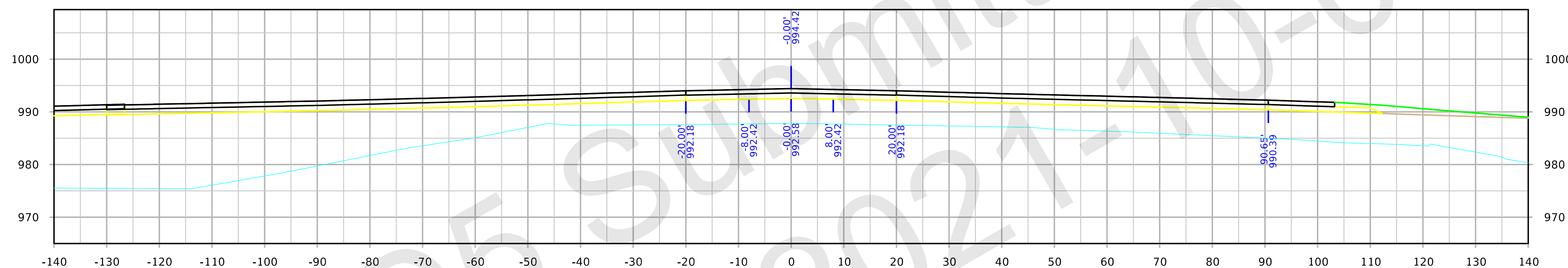


STA. 174+50.00

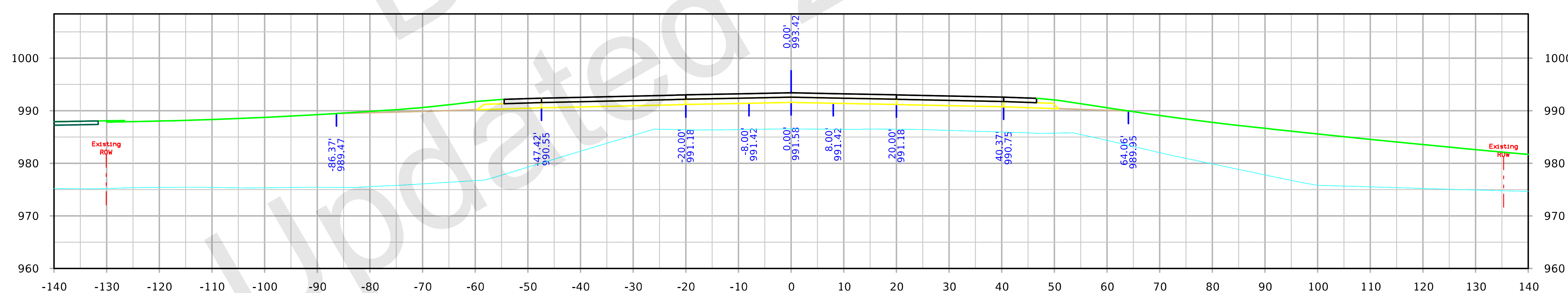
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.109

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave



STA. 176+00.00

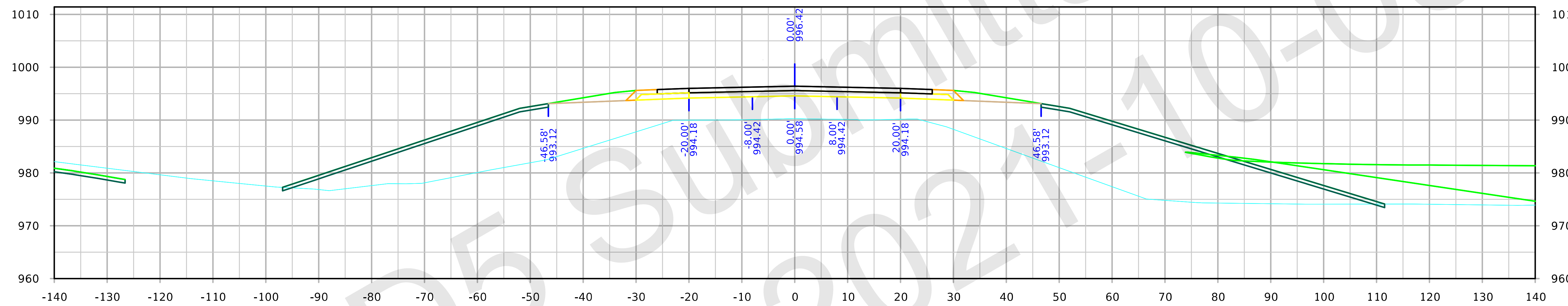


STA. 175+50.00

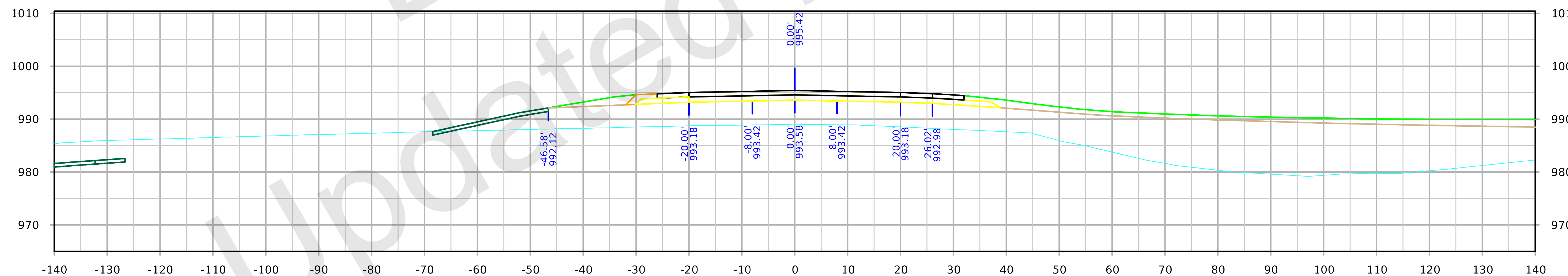
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.110

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave

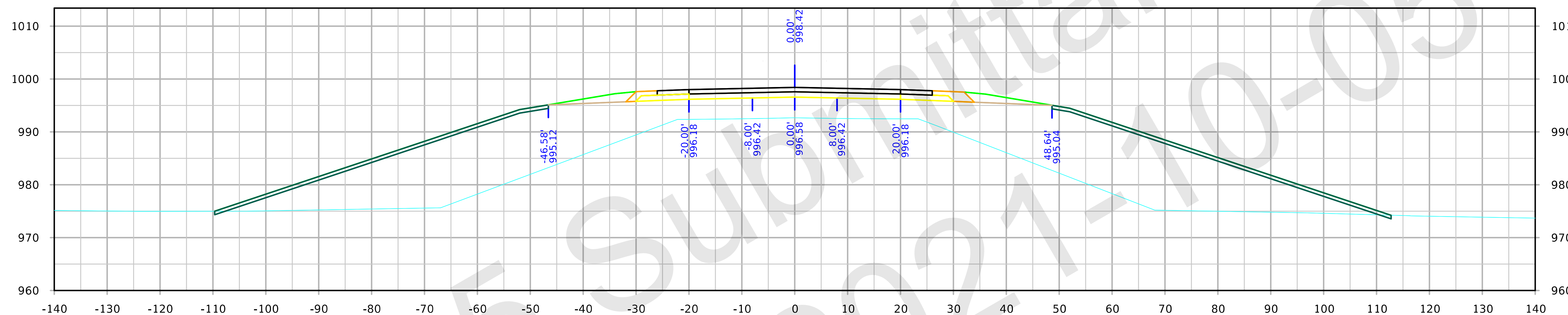


STA. 177+00.00

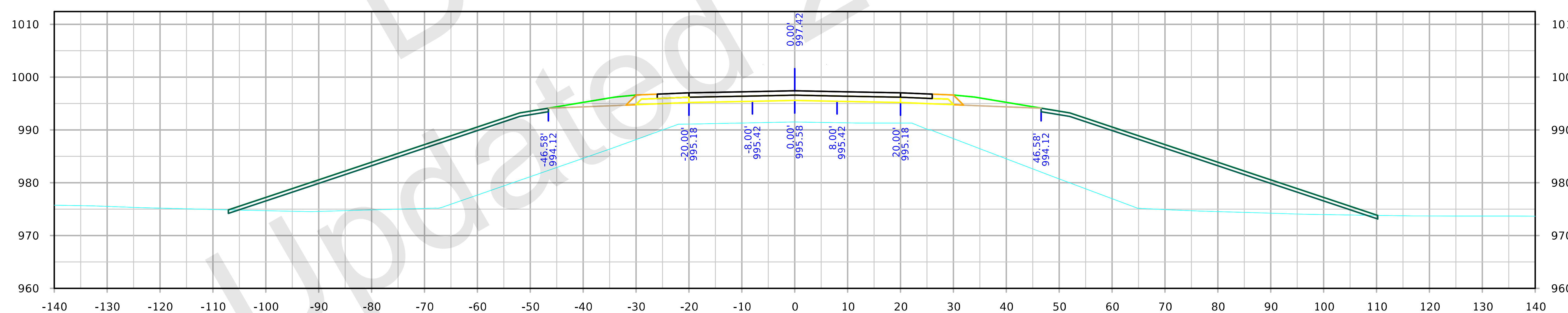


STA. 176+50.00

126th Ave



STA. 178+00.00

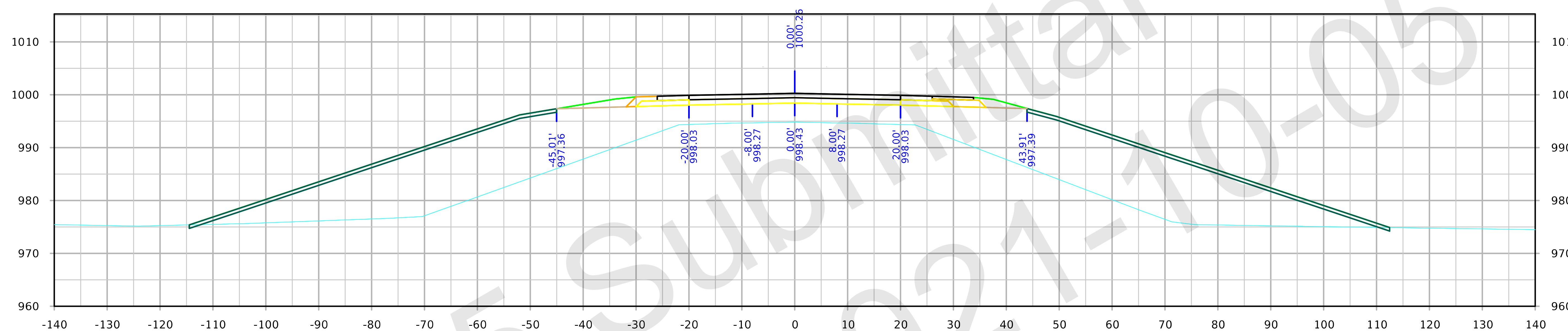


STA. 177+50.00

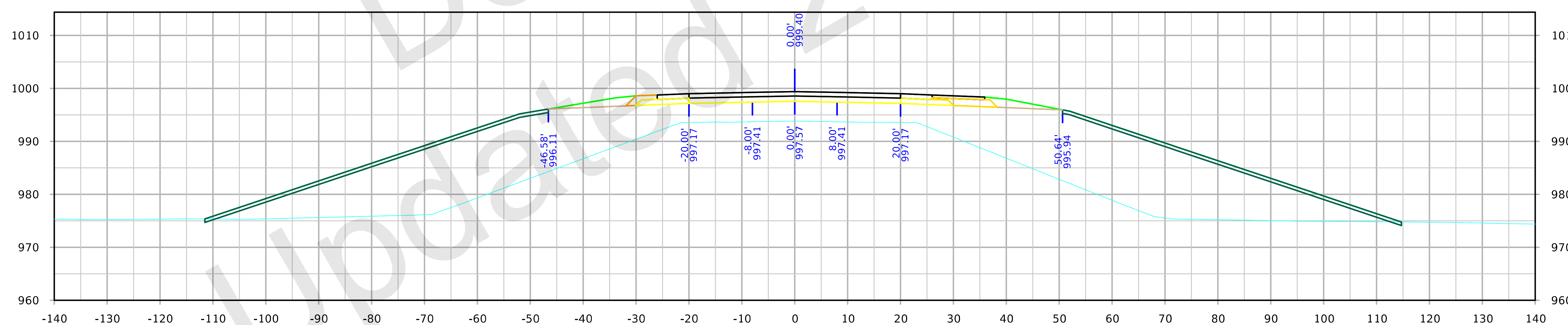
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.112

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave

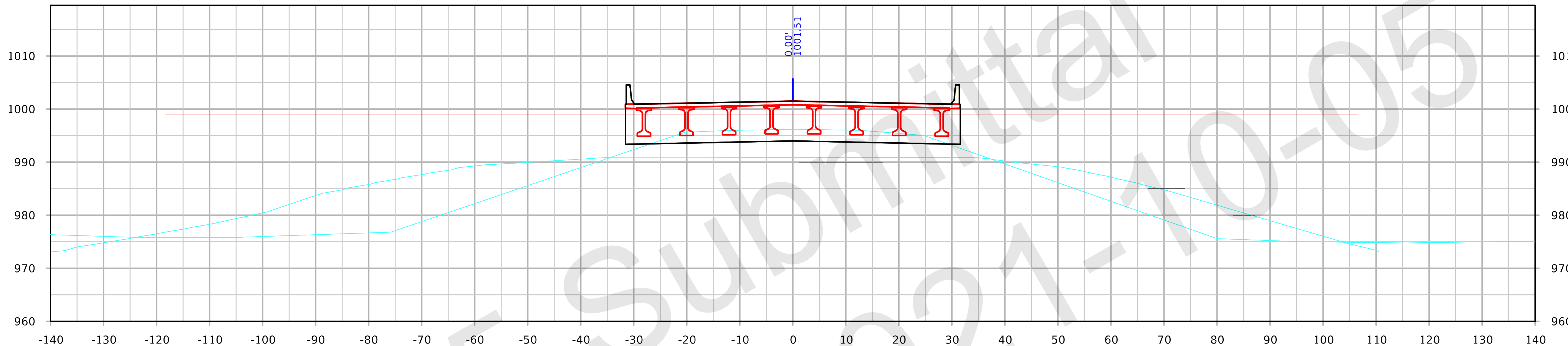


STA. 179+00.00

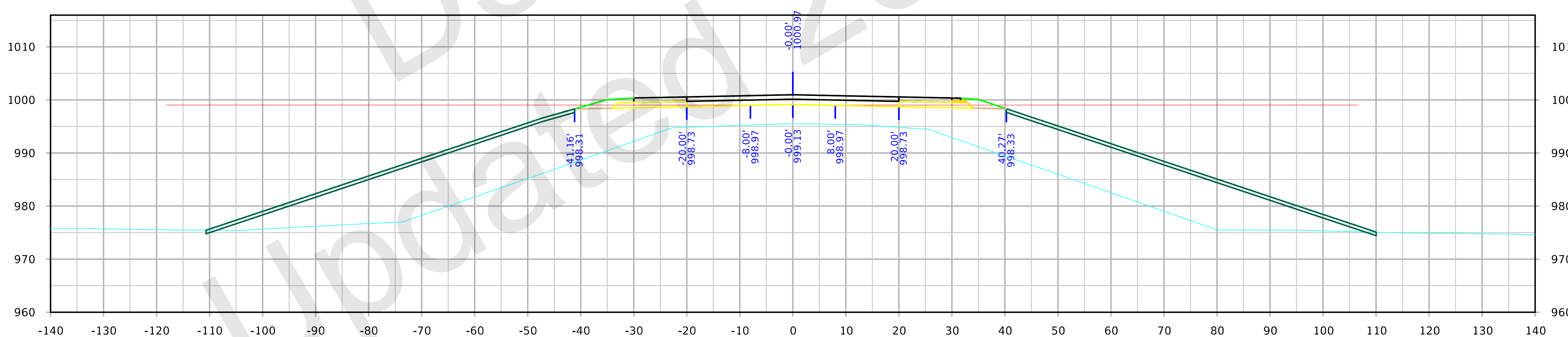


STA. 178+50.00

126th Ave

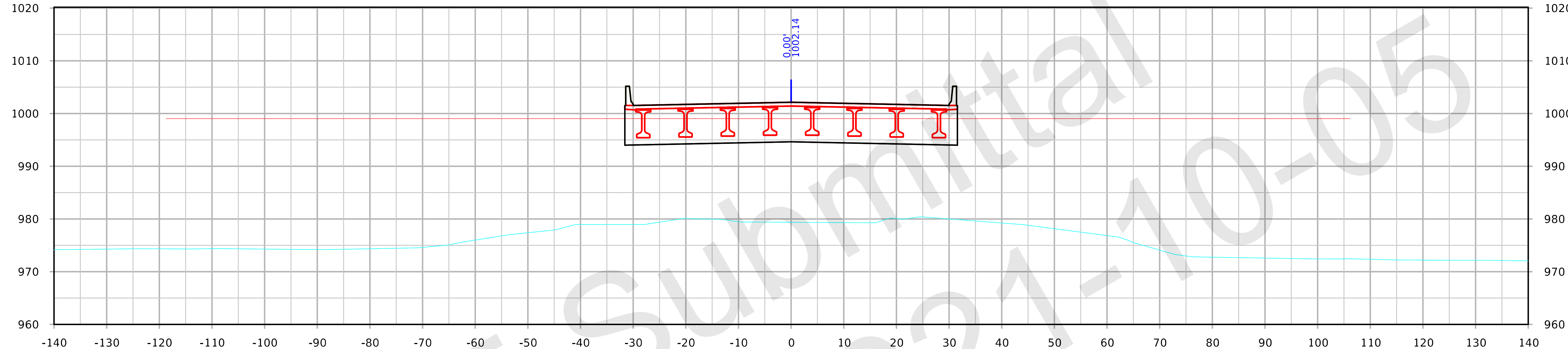


STA. 180+00.00

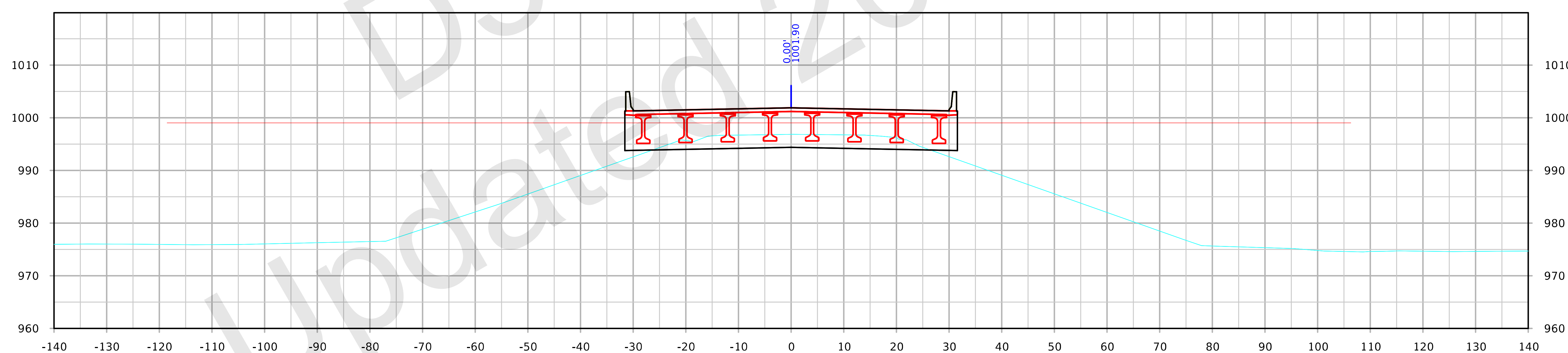


STA. 179+50.00

126th Ave



STA. 181+00.00

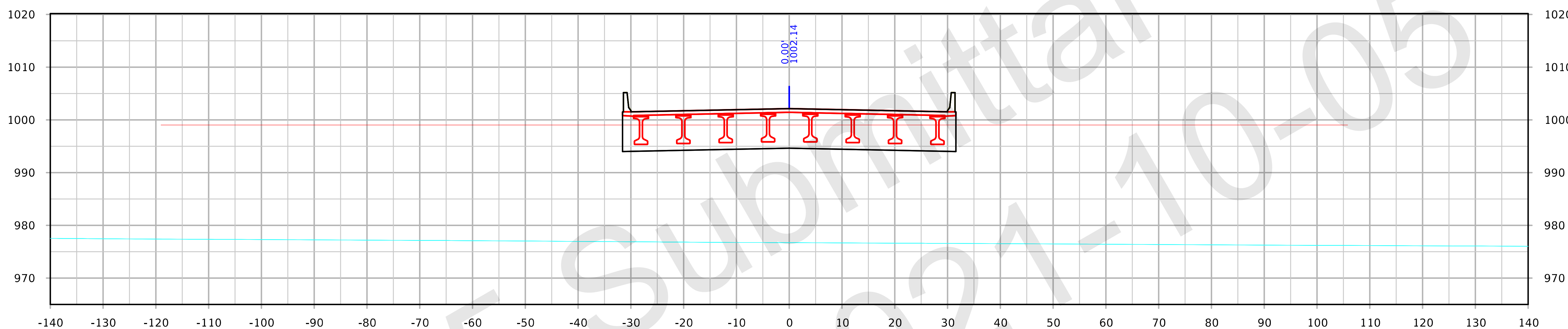


STA. 180+50.00

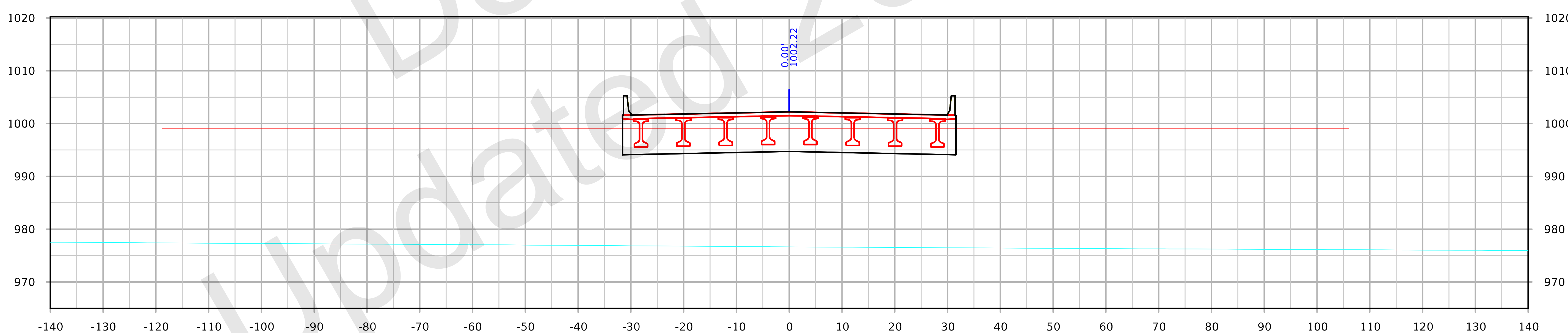
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.115

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave



STA. 182+00.00

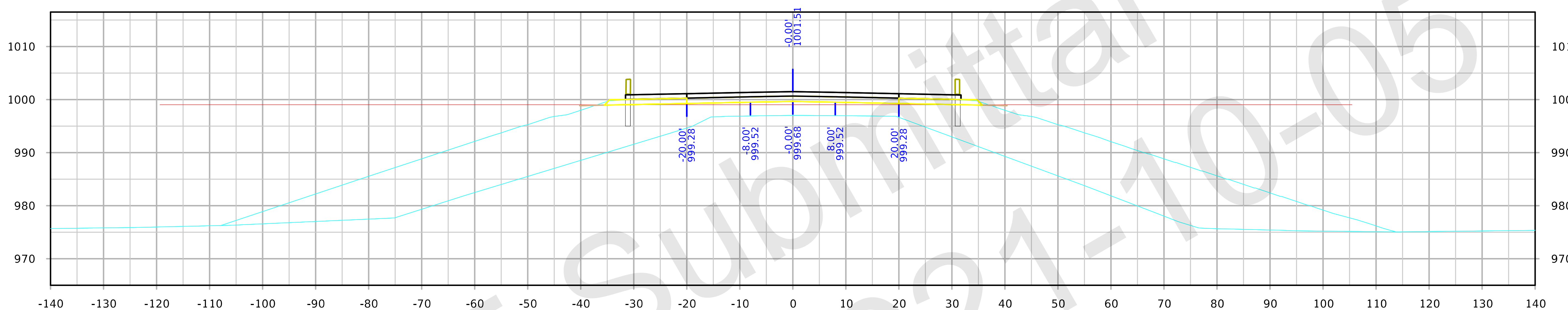


STA. 181+50.00

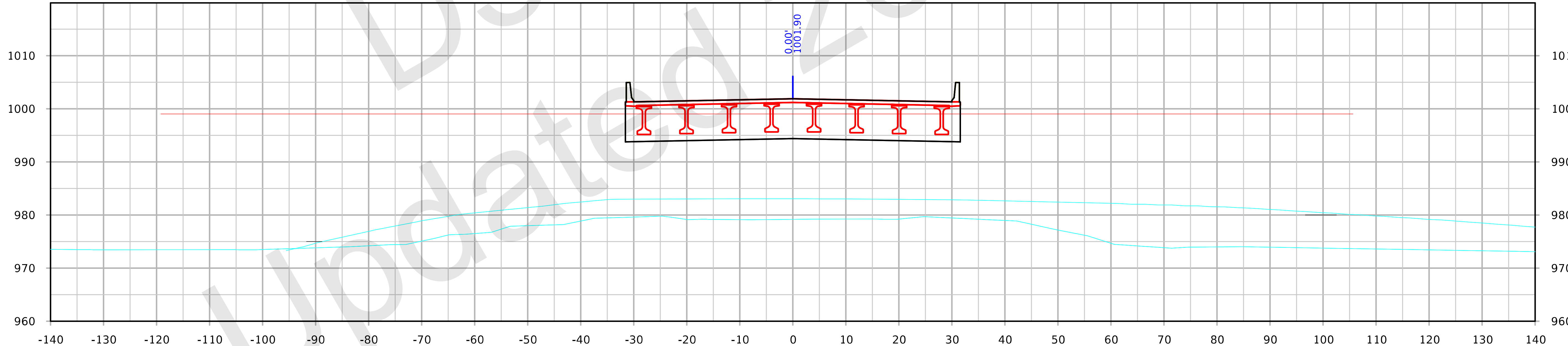
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.116

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave



STA. 183+00.00

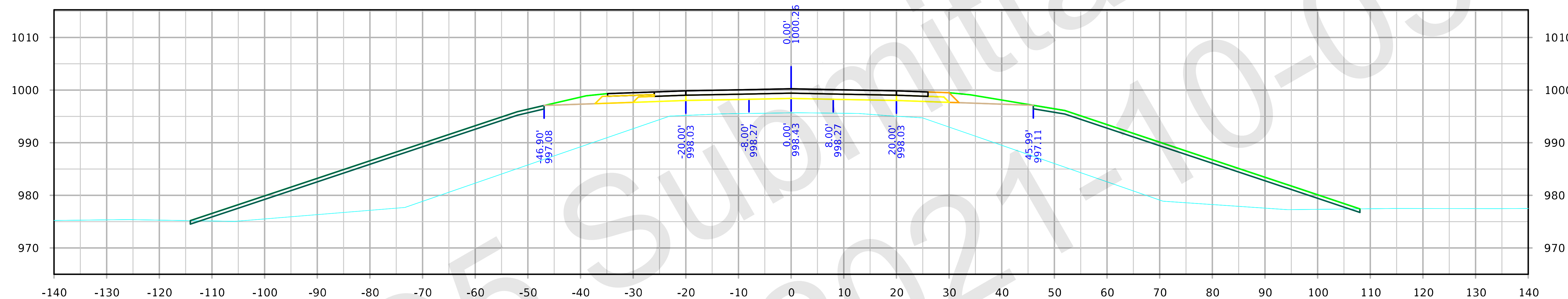


STA. 182+50.00

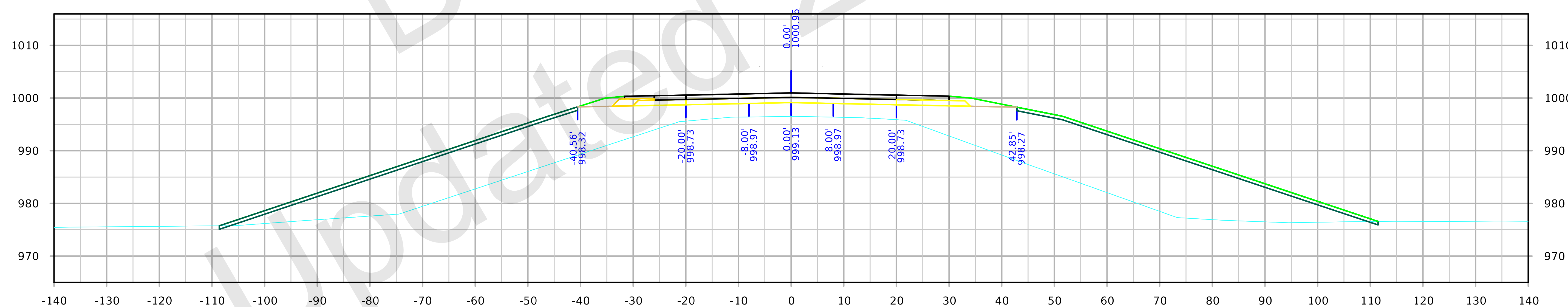
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.117

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave



STA. 184+00.00

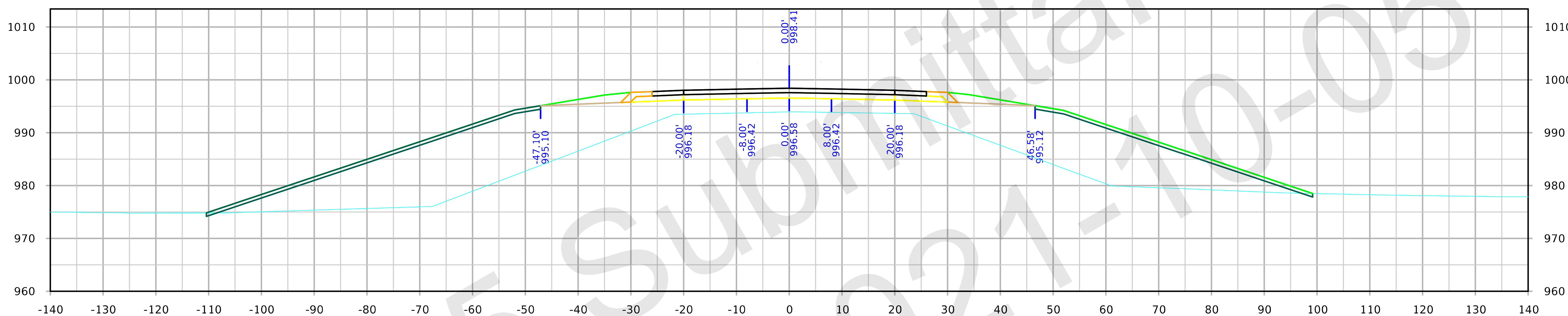


STA. 183+50.00

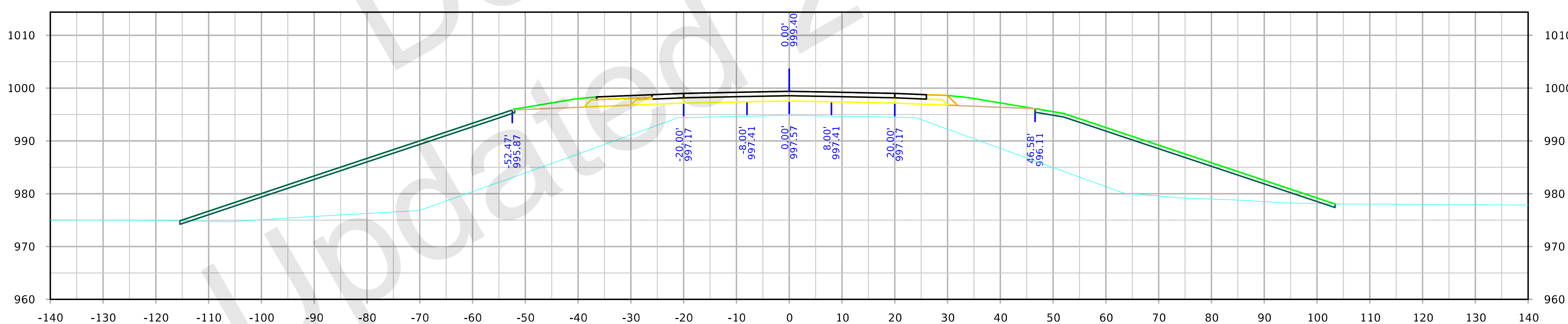
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.118

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave

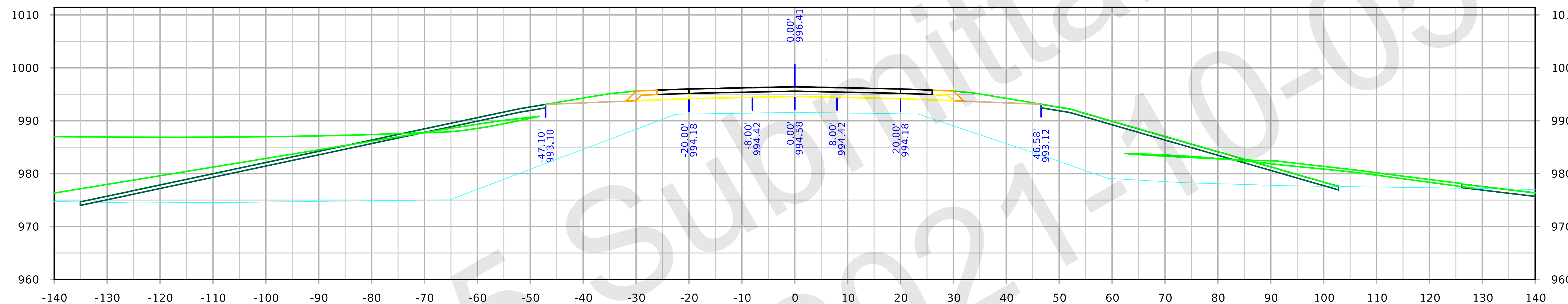


STA. 185+00.00

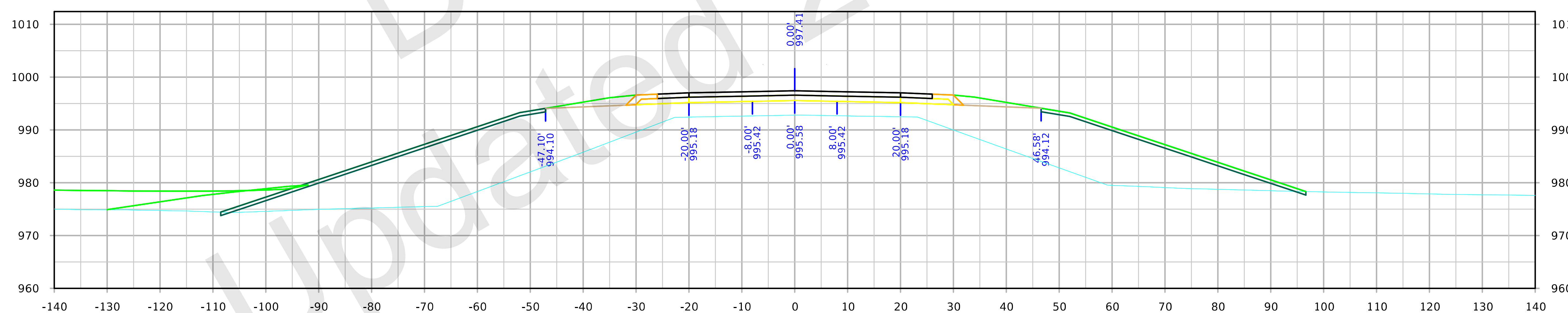


STA. 184+50.00

126th Ave



STA. 186+00.00

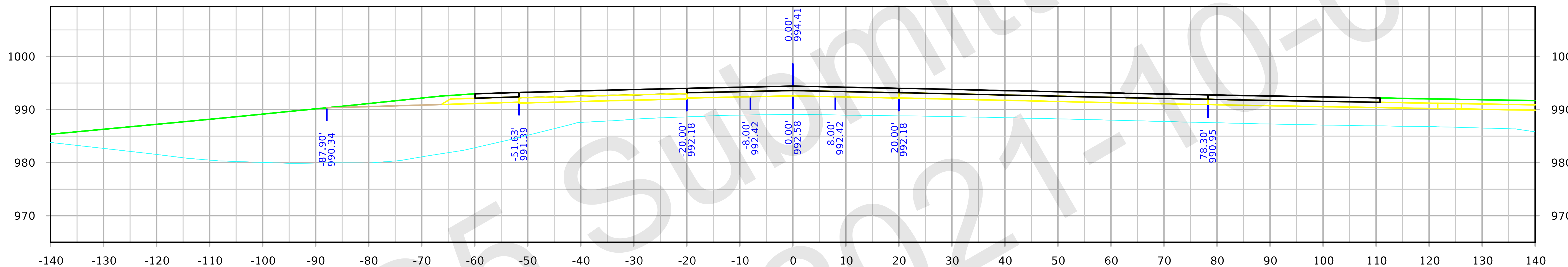


STA. 185+50.00

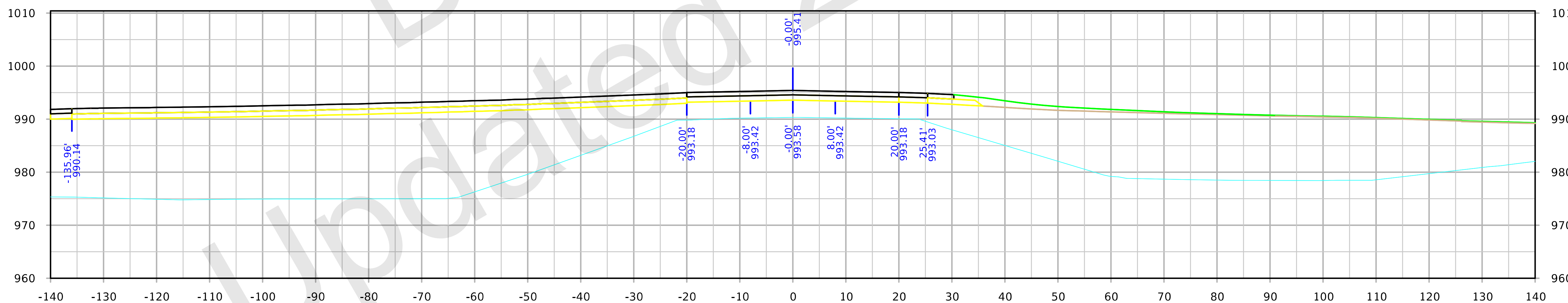
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.120

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave



STA. 187+00.00

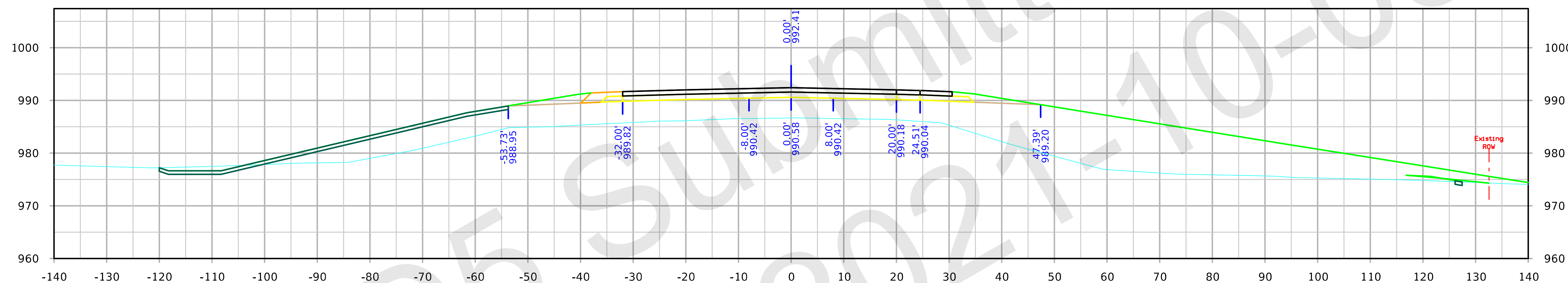


STA. 186+50.00

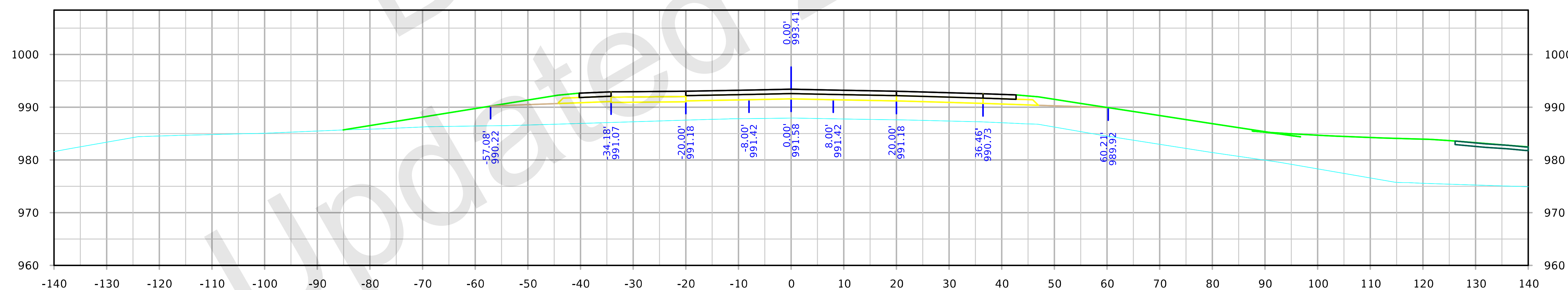
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.121

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave



STA. 188+00.00

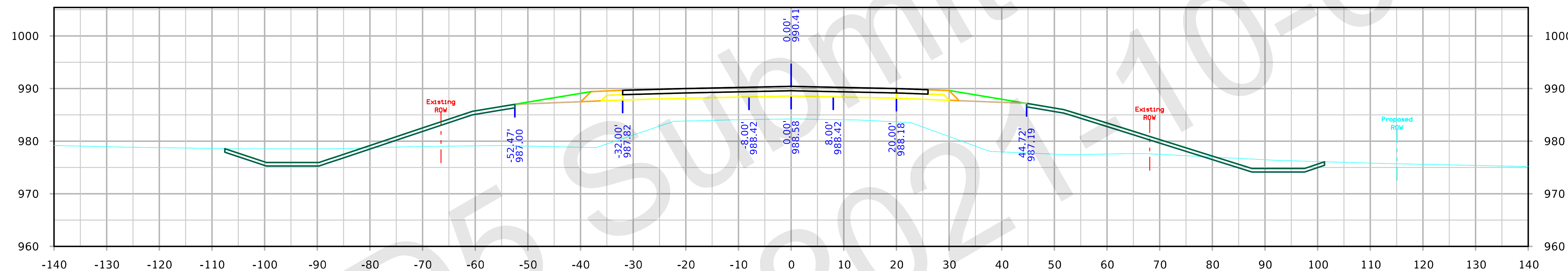


STA. 187+50.00

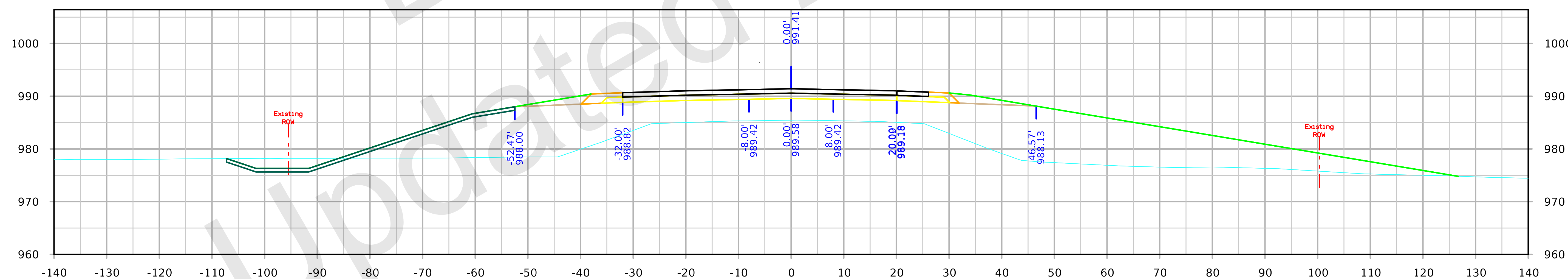
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.122

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

126th Ave

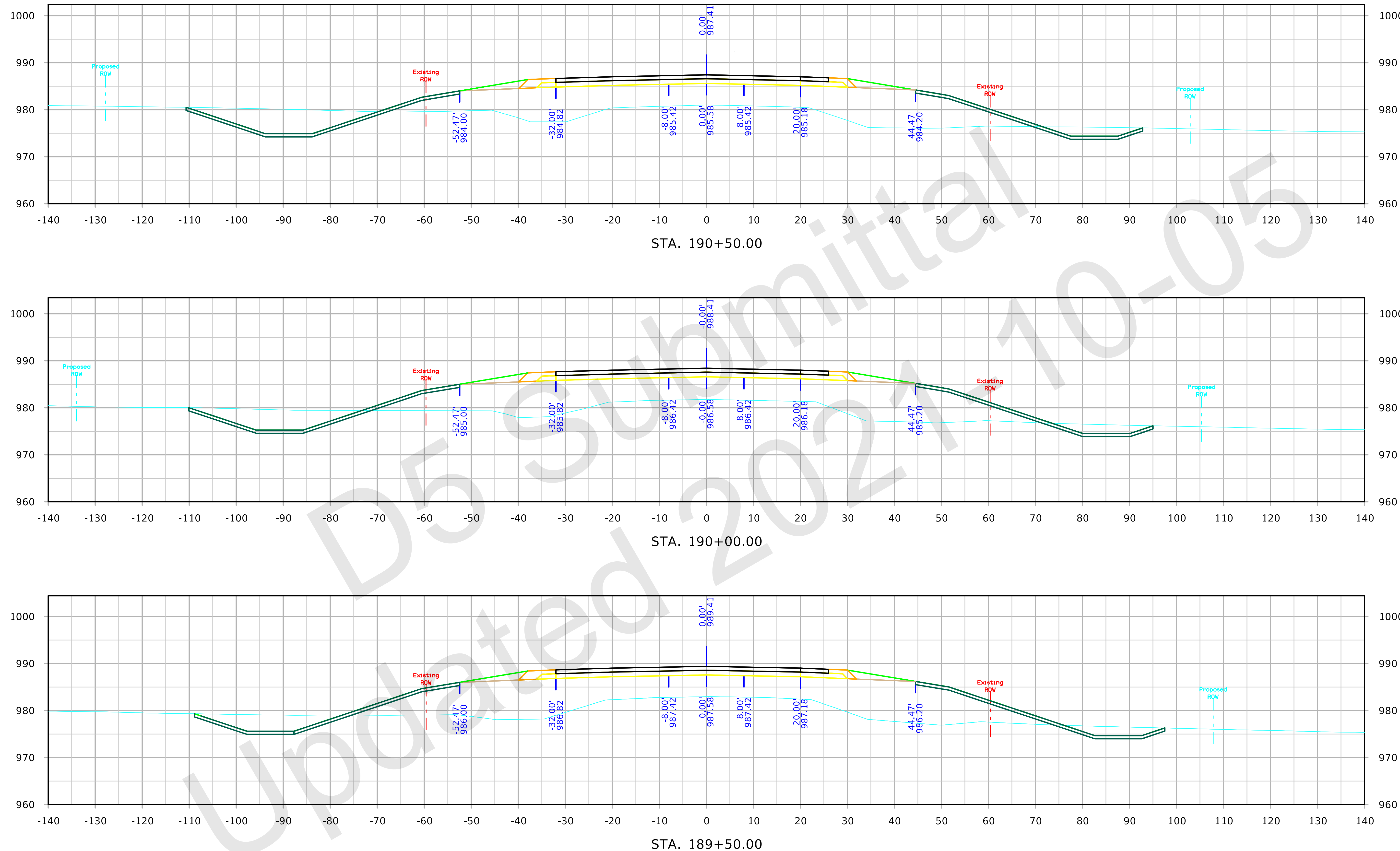


STA. 189+00.00



STA. 188+50.00

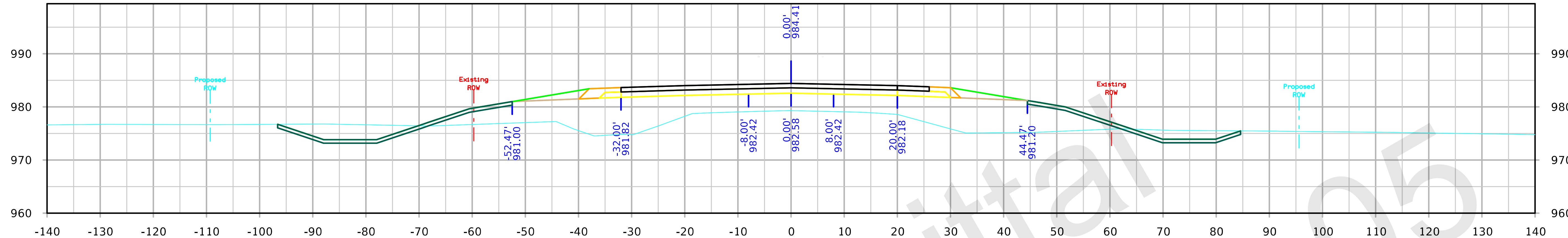
126th Ave



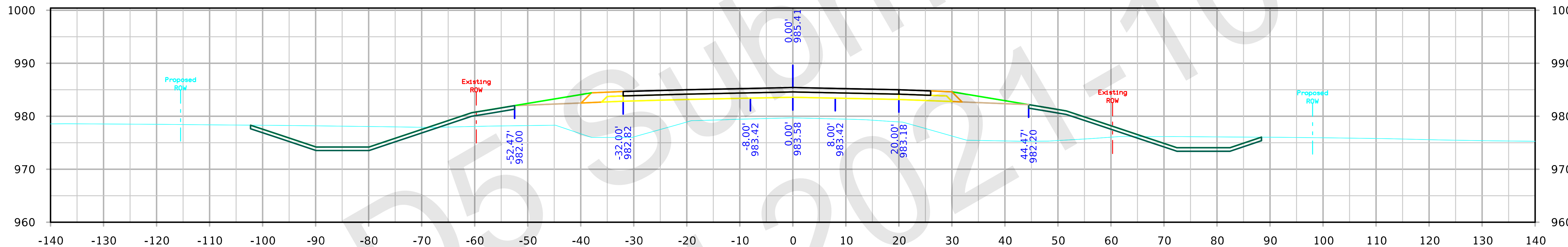
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.124

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

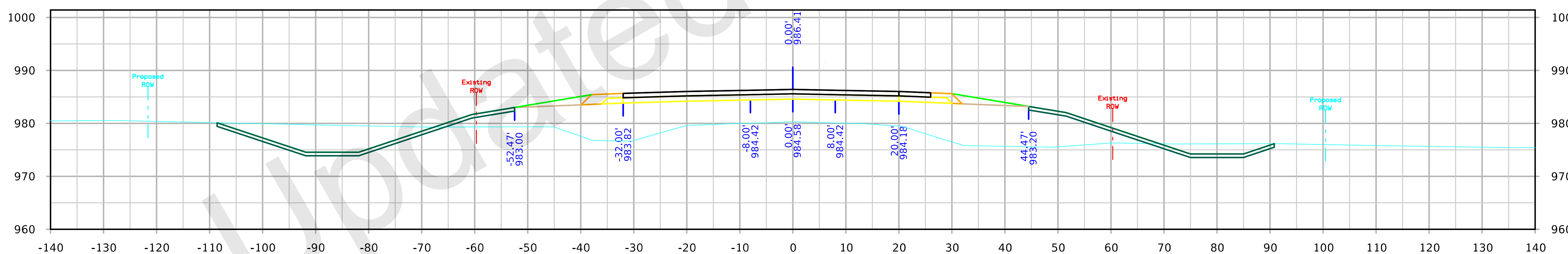
126th Ave



STA. 192+00.00



STA. 191+50.00

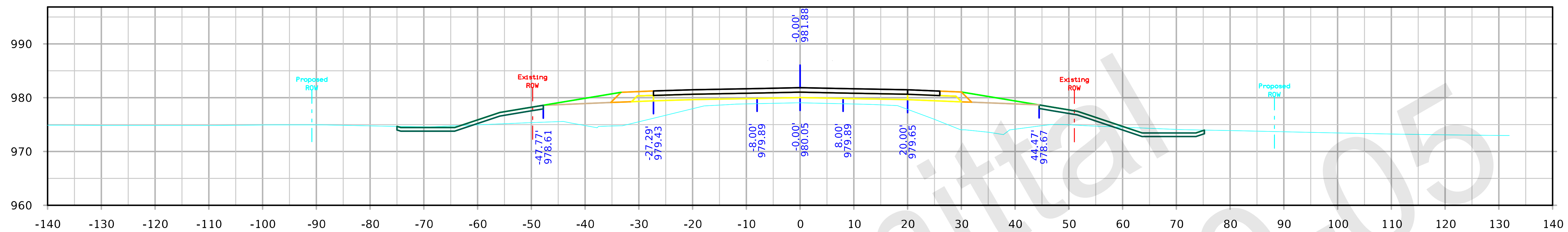


STA. 191+00.00

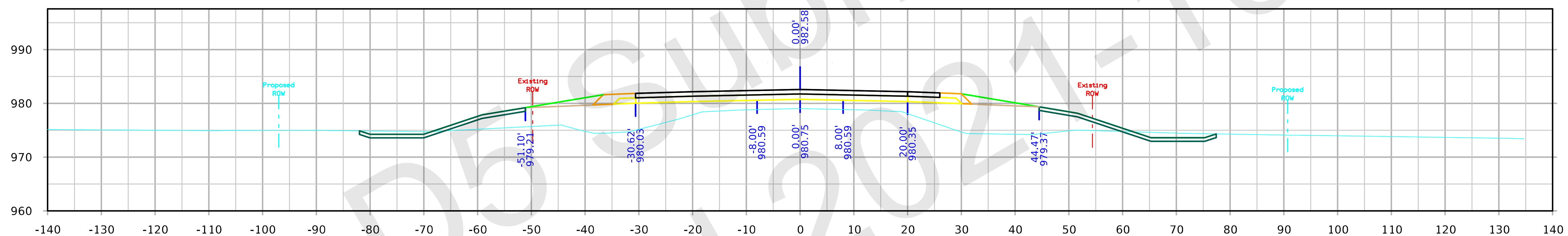
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.125

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

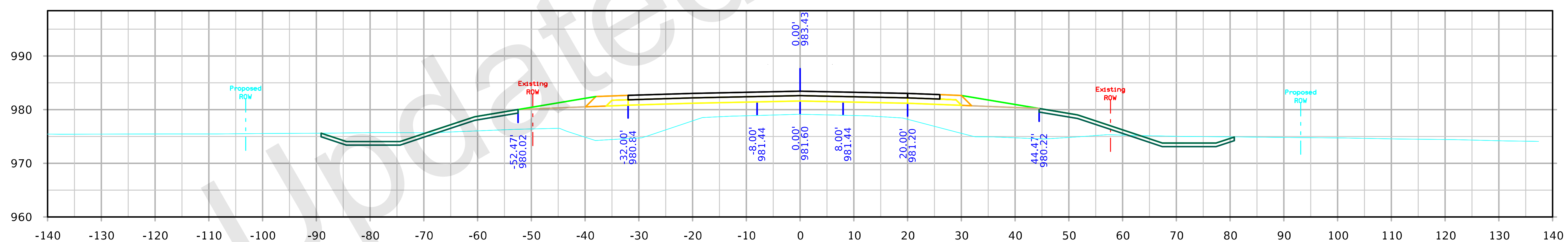
126th Ave



STA. 193+50.00



STA. 193+00.00

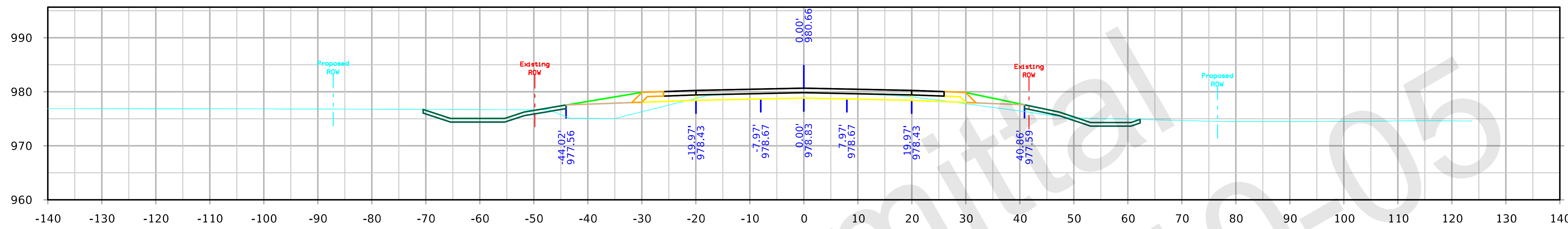


STA. 192+50.00

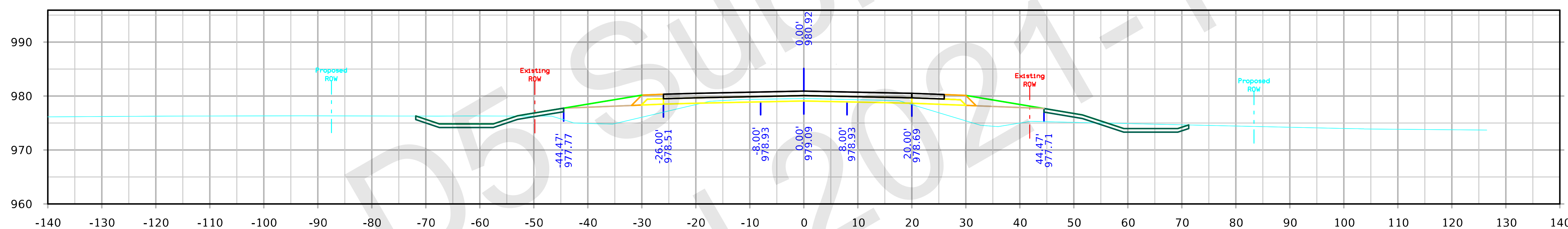
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.126

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

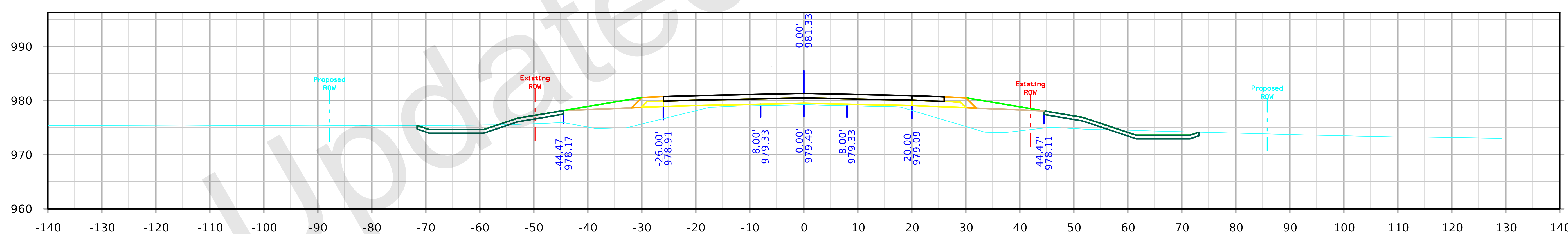
126th Ave



STA. 195+00.00

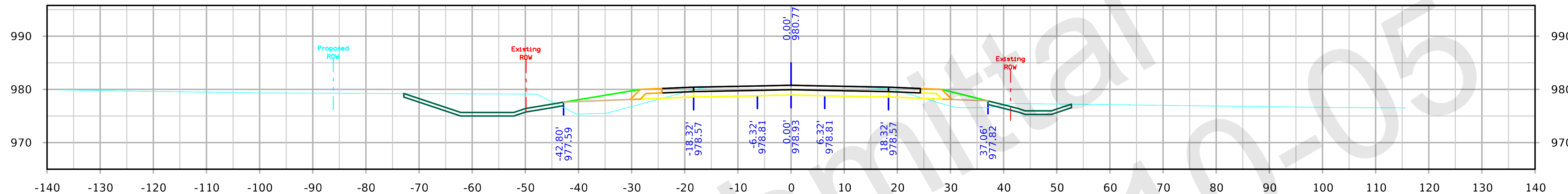


STA. 194+50.00

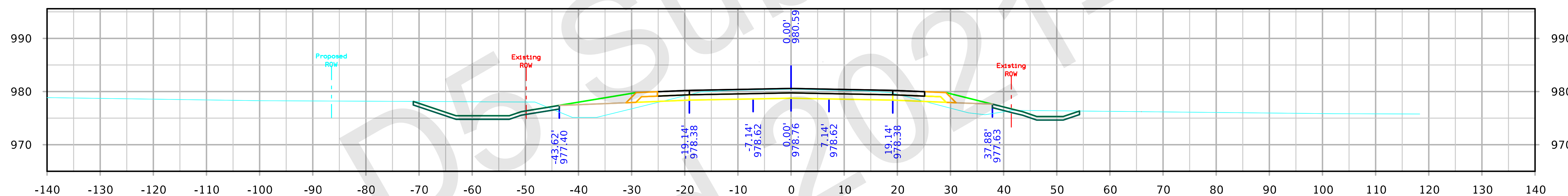


STA. 194+00.00

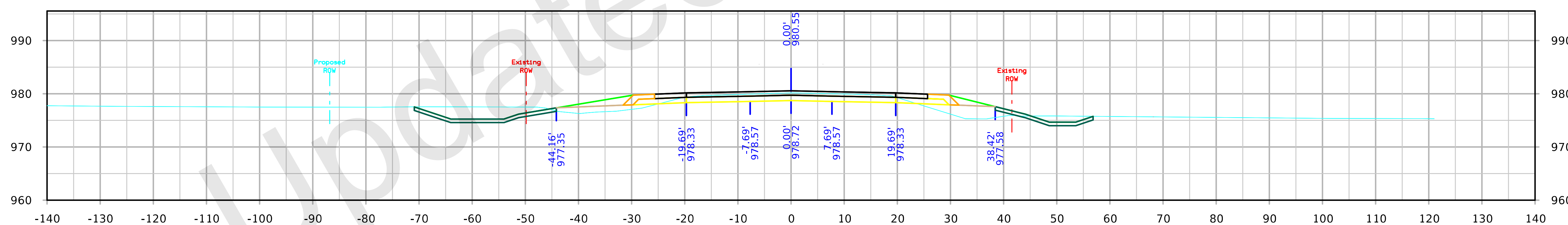
126th Ave



STA. 196+50.00

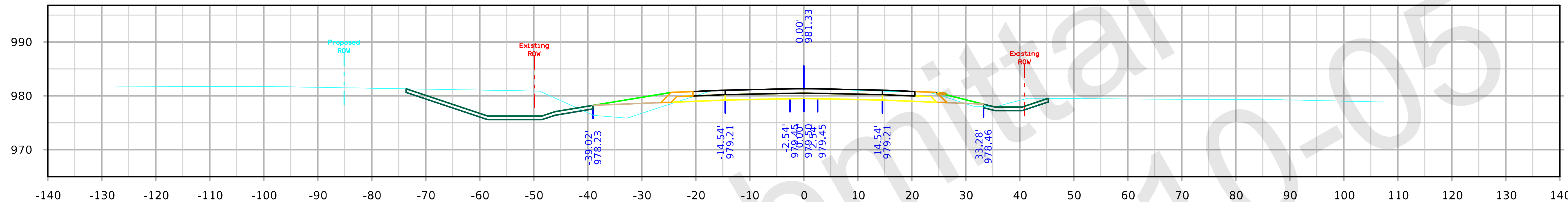


STA. 196+00.00

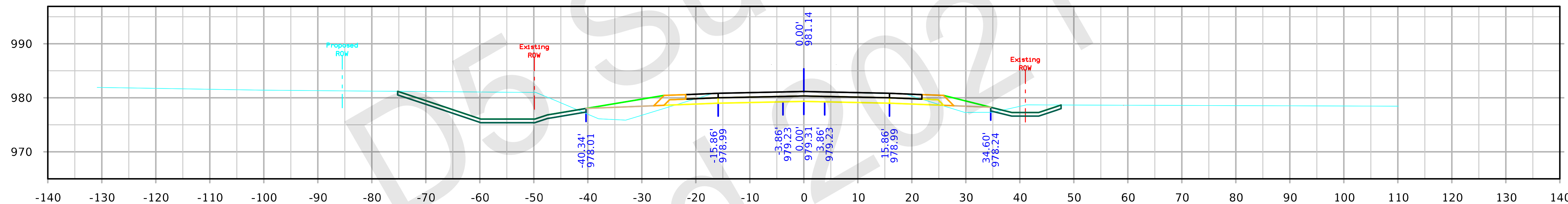


STA. 195+50.00

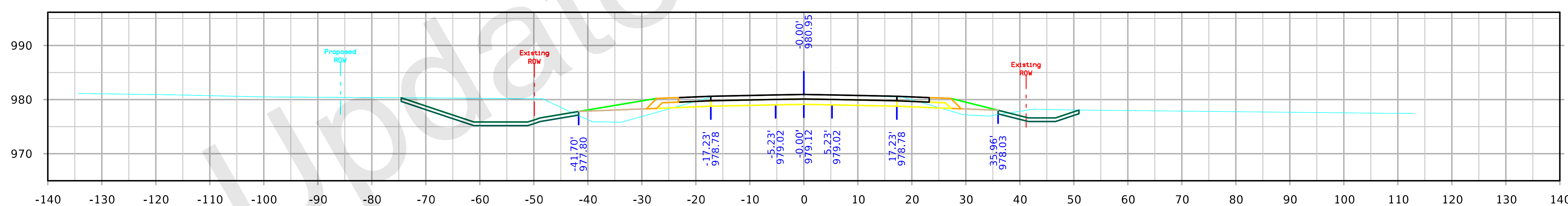
126th Ave



STA. 198+00.00



STA. 197+50.00

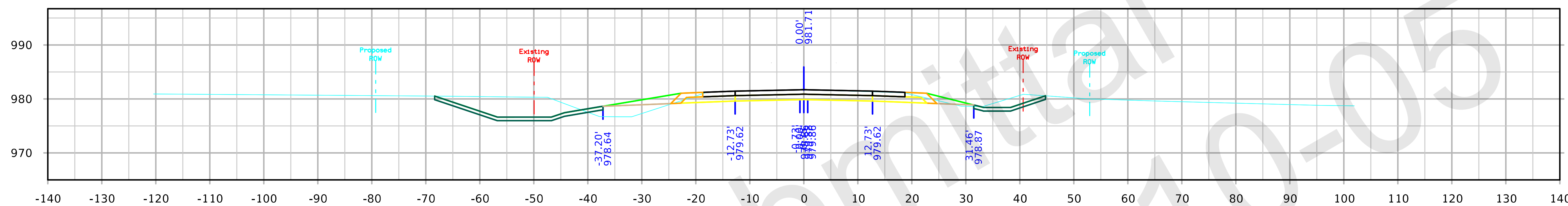


STA. 197+00.00

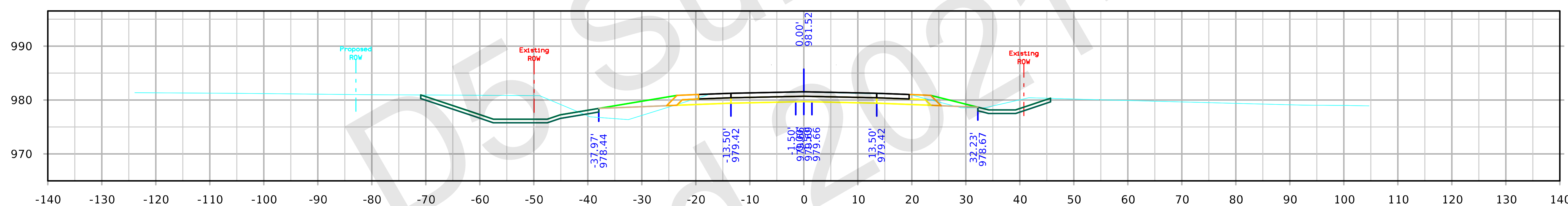
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.129

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

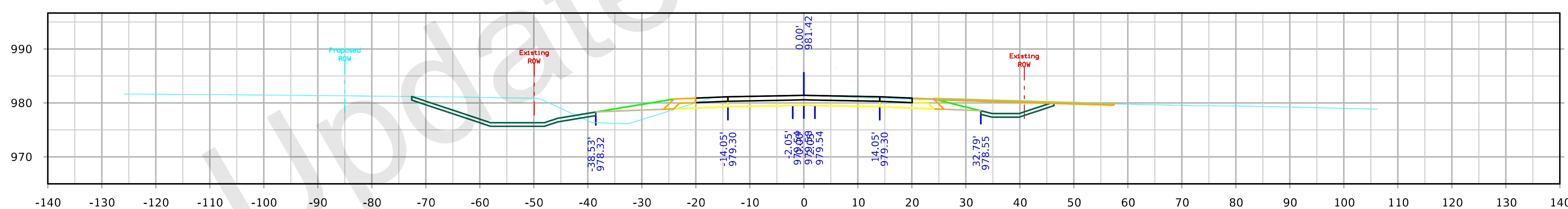
126th Ave



STA. 199+00.00



STA. 198+50.00

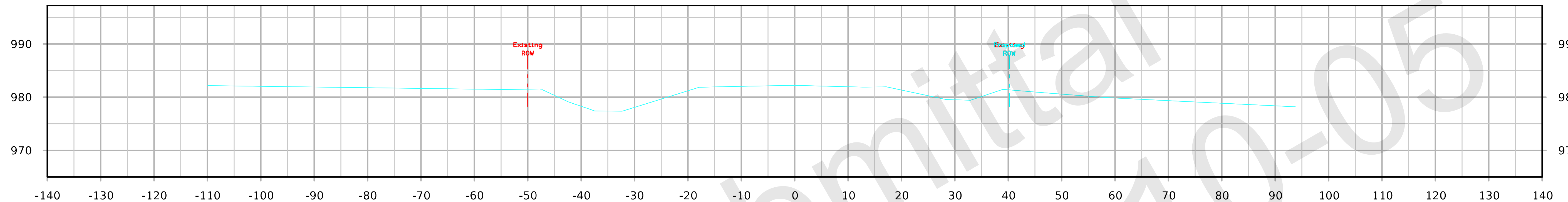


STA. 198+22.00

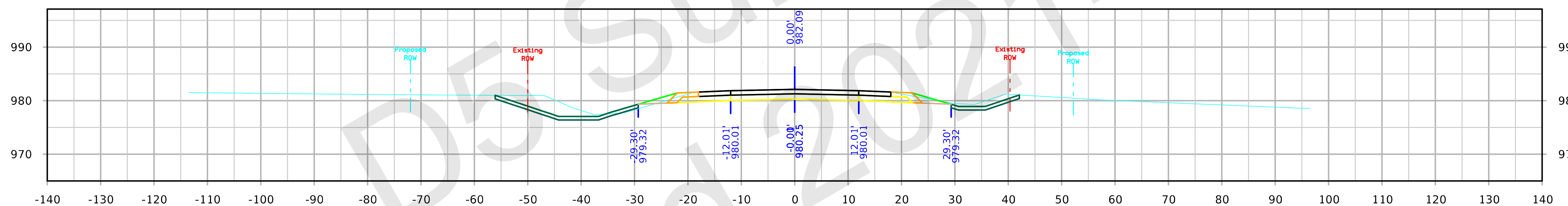
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.130

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

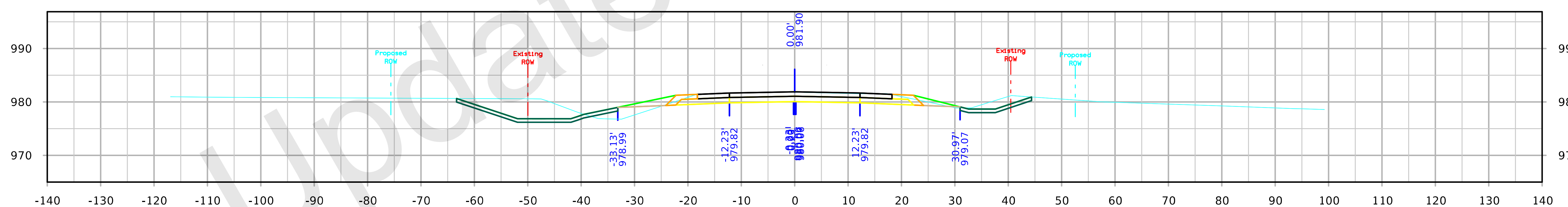
126th Ave



STA. 200+50.00



STA. 200+00.00

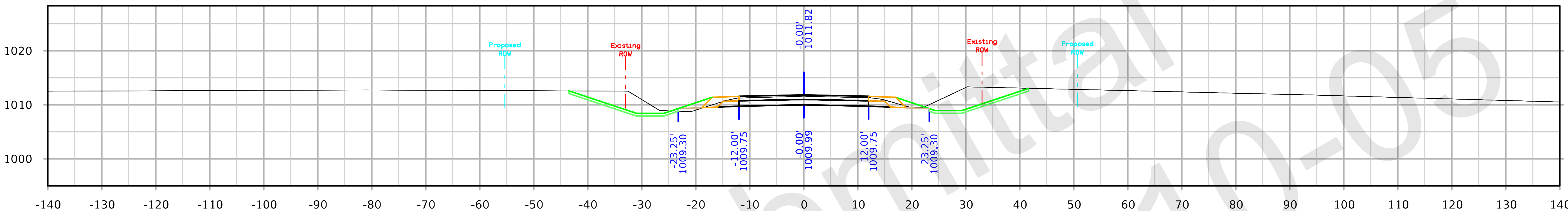


STA. 199+50.00

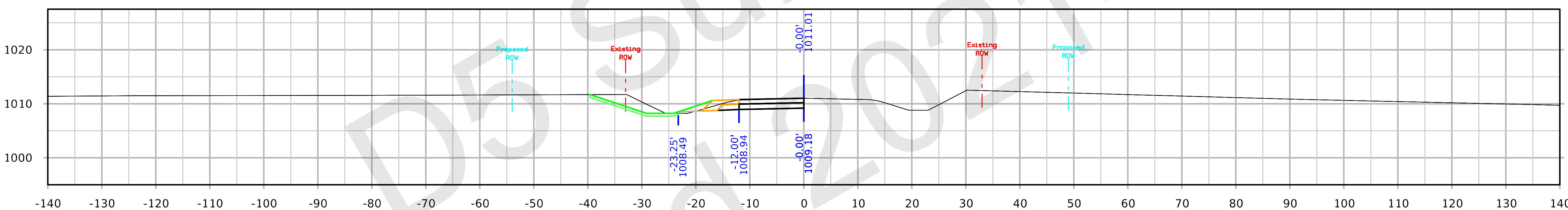
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.131

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

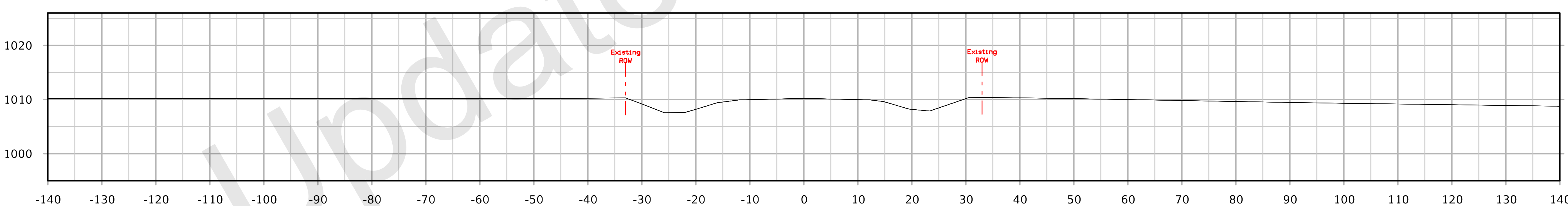
142nd Ave



STA. 384+50.00



STA. 384+00.00

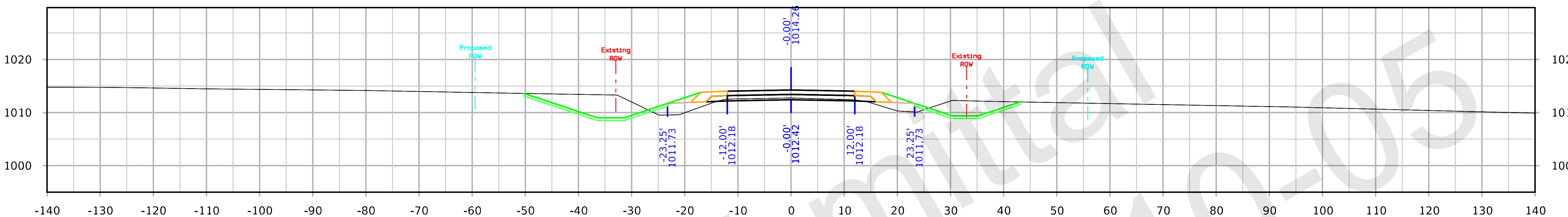


STA. 383+50.00

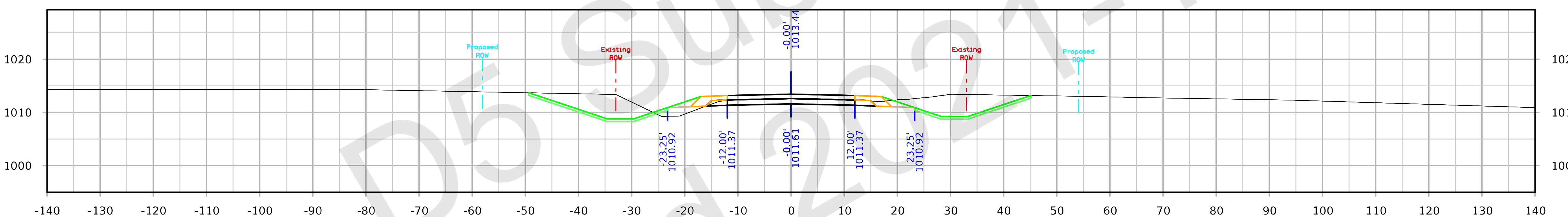
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.200

1:01:49 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

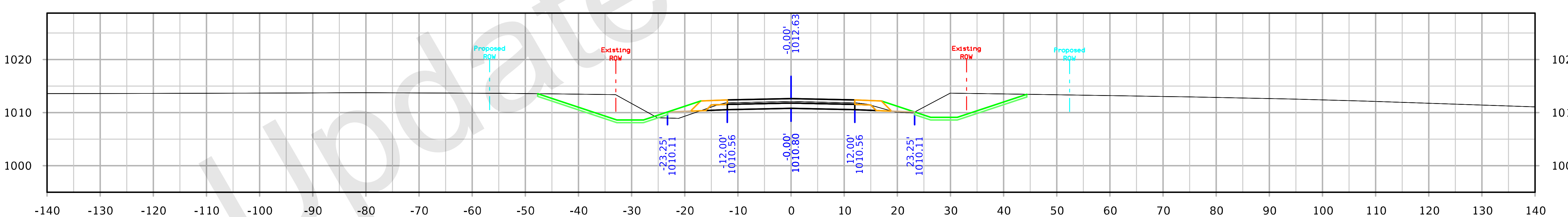
142nd Ave



STA. 386+00.00



STA. 385+50.00

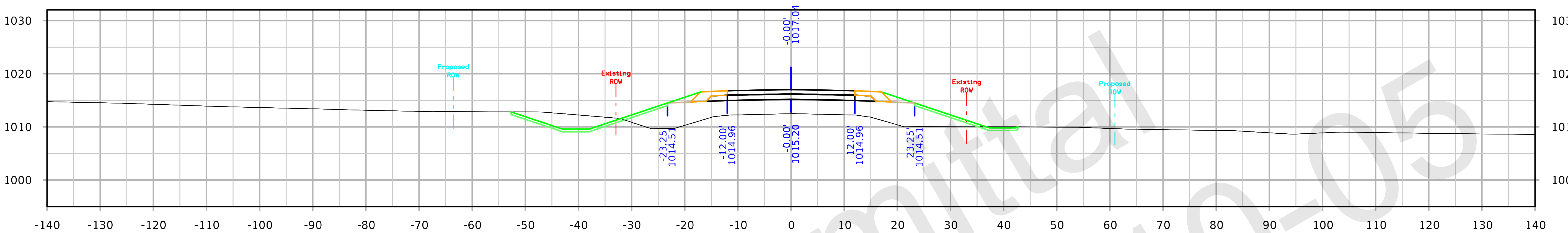


STA. 385+00.00

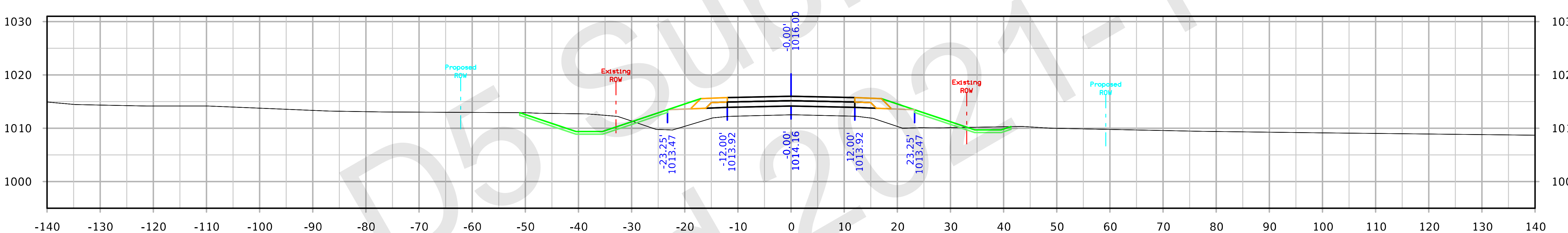
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER	IM-035-4(309)95--13-77	SHEET NUMBER	X.201

1:02:16 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

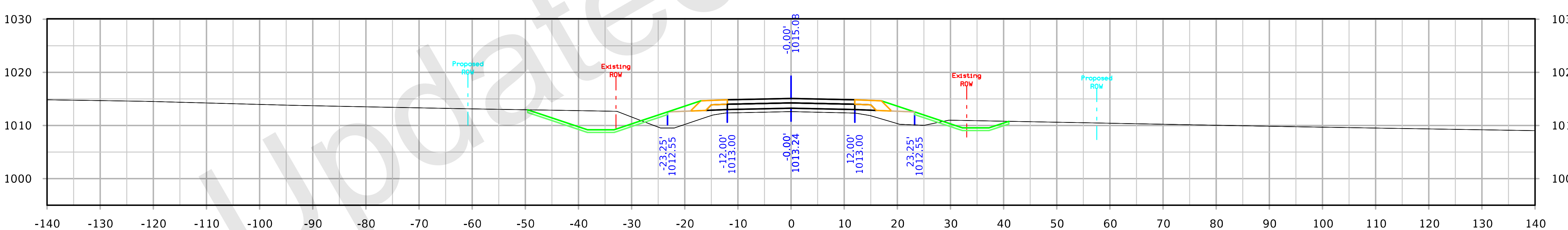
142nd Ave



STA. 387+50.00



STA. 387+00.00

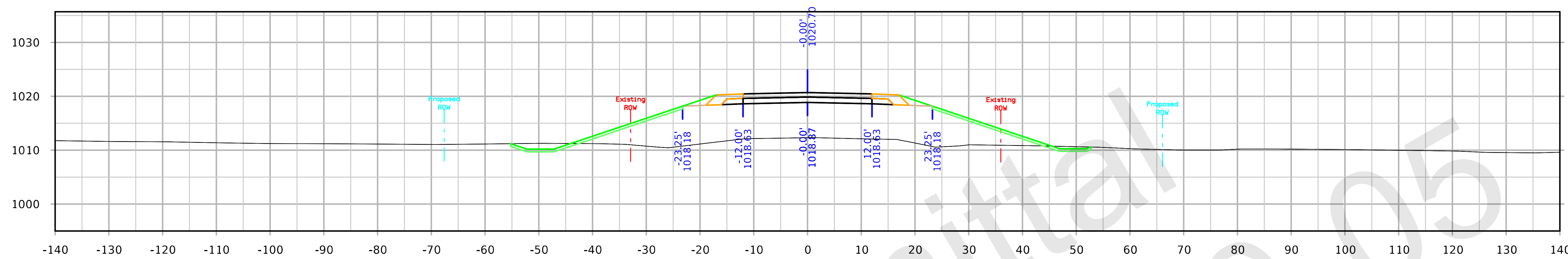


STA. 386+50.00

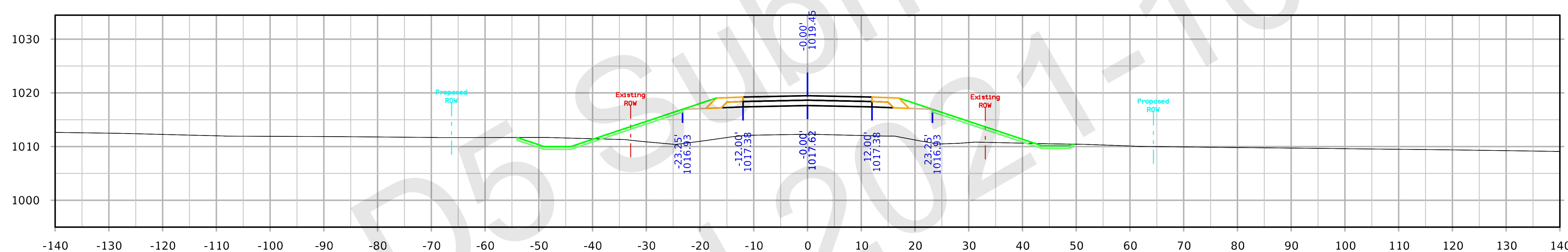
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.202

1:02:42 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

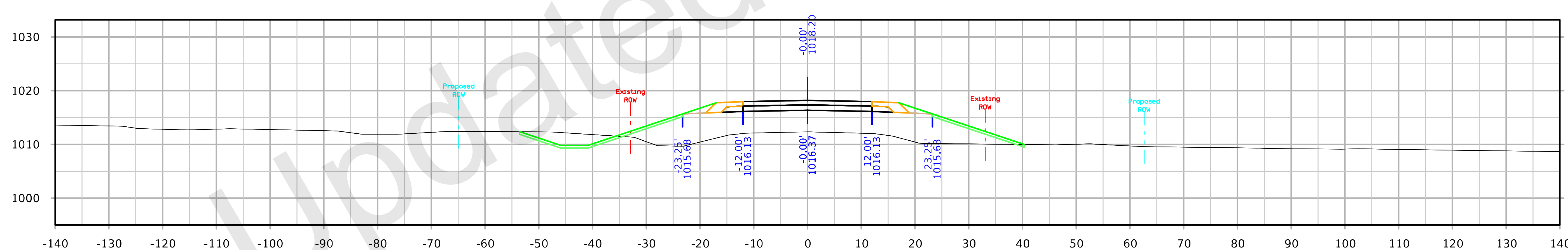
142nd Ave



STA. 389+00.00



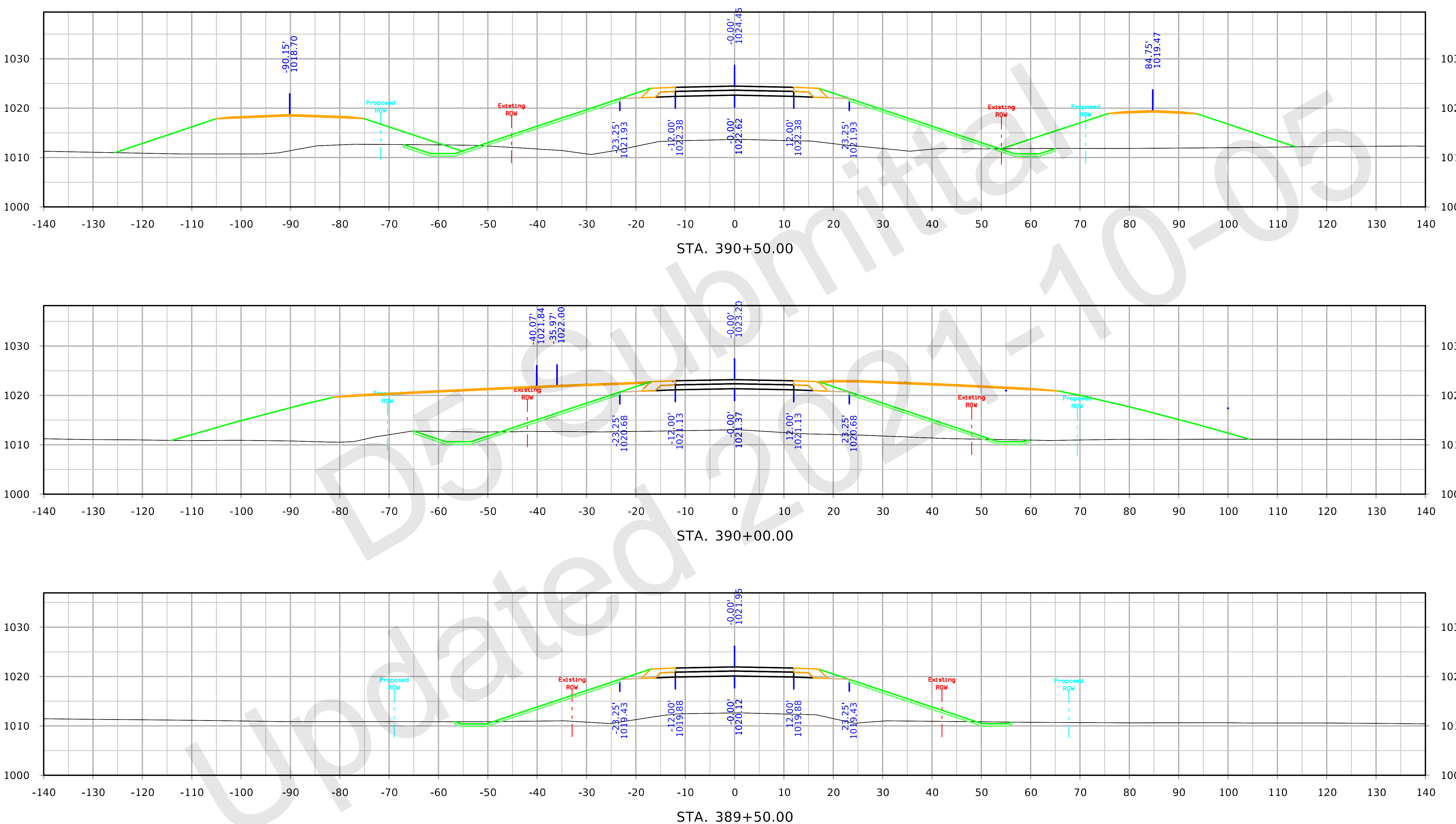
STA. 388+50.00



STA. 388+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.203

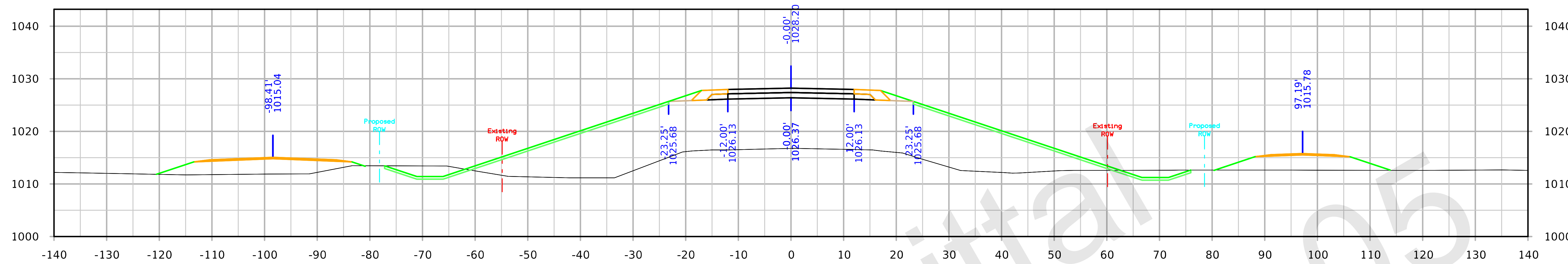
142nd Ave



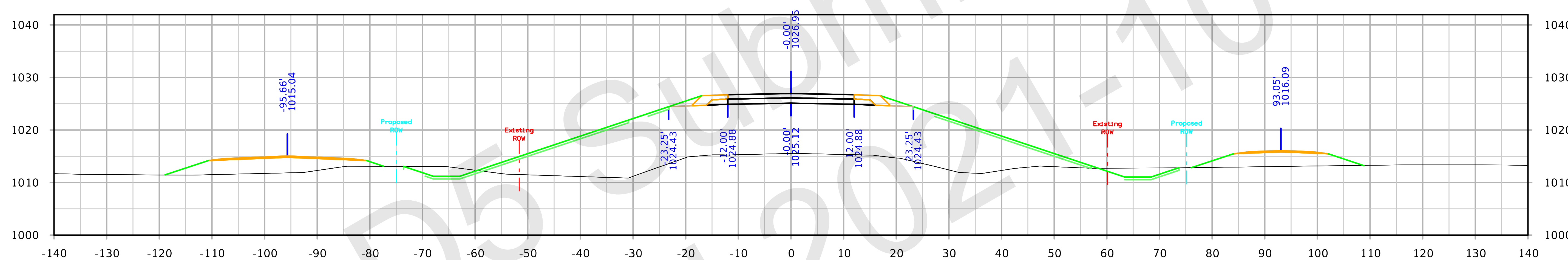
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.204

1:03:35 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

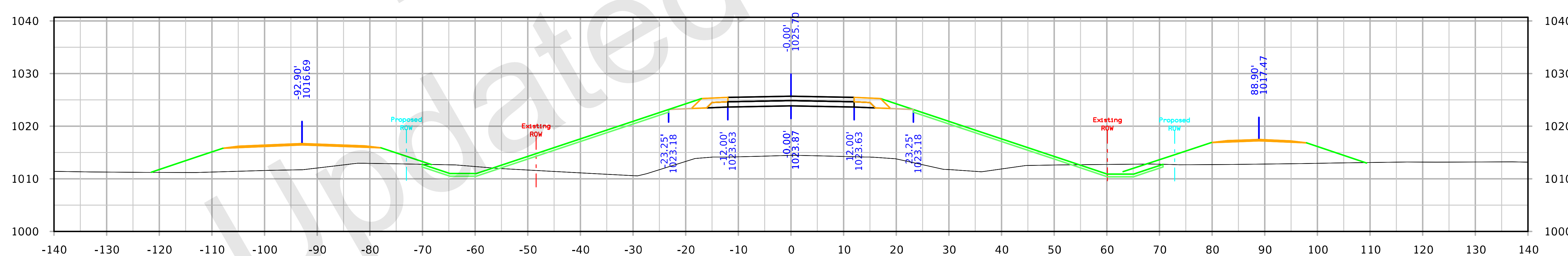
142nd Ave



STA. 392+00.00



STA. 391+50.00



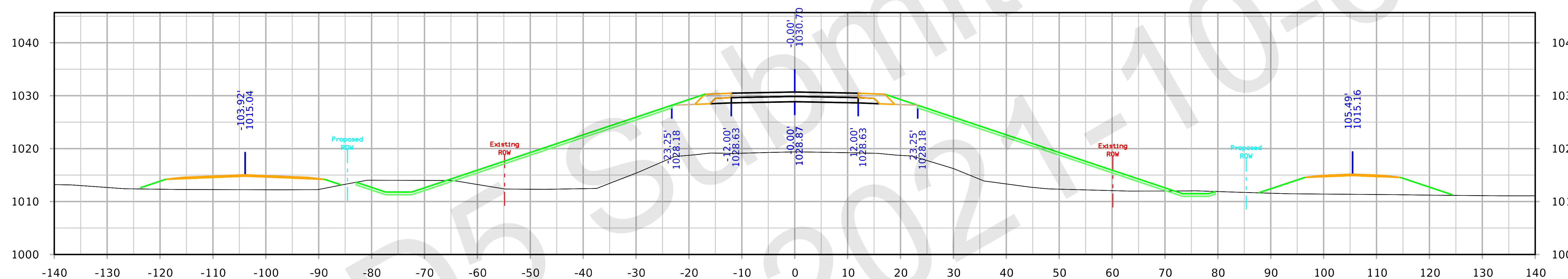
STA. 391+00.00

D5 Submittal Updated 2021-10-05

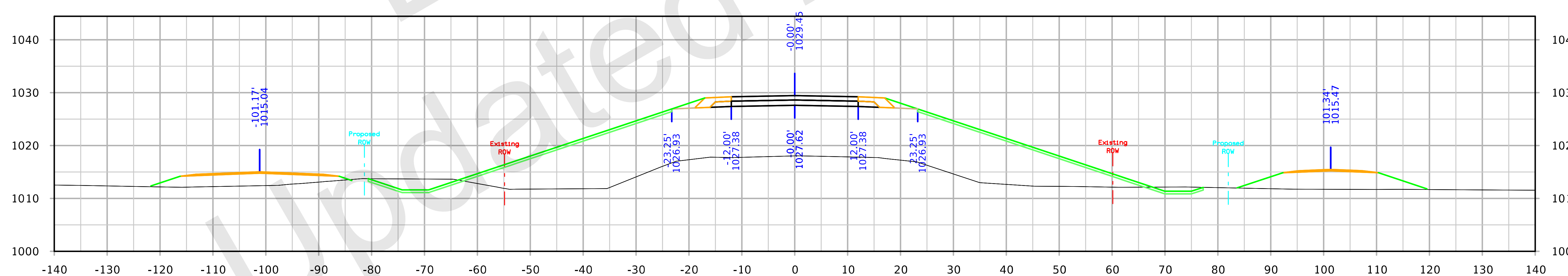
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.205

1:04:02 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

142nd Ave



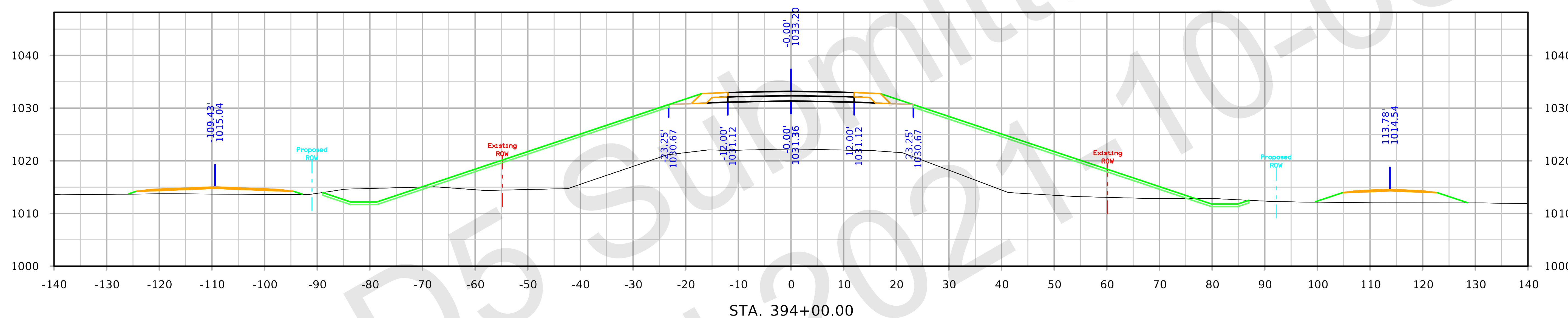
STA. 393+00.00



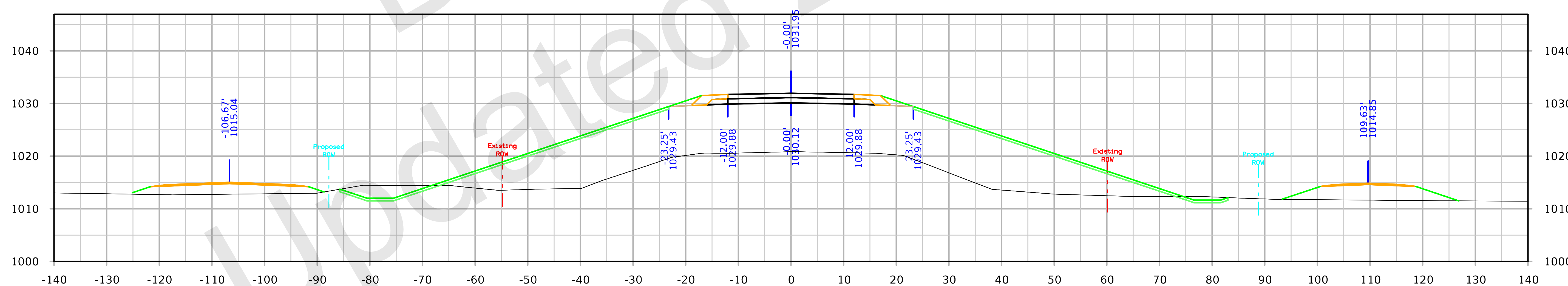
STA. 392+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.206

142nd Ave



STA. 394+00.00

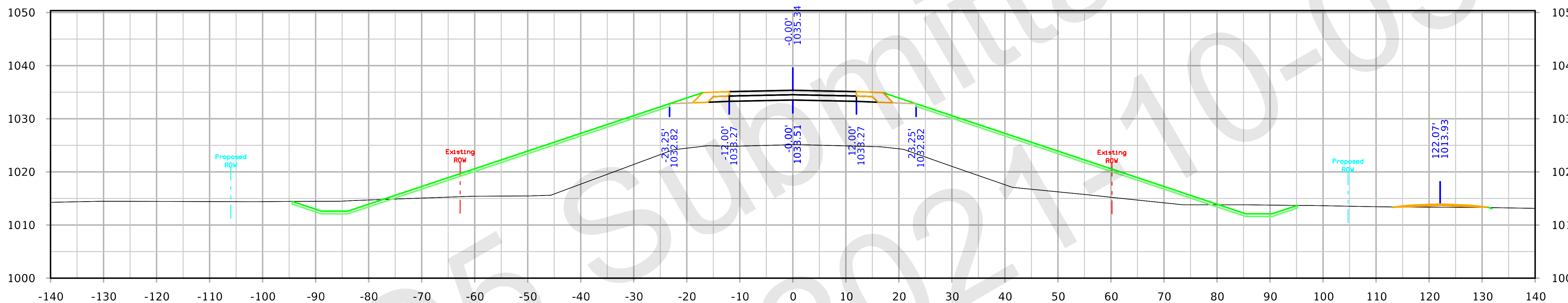


STA. 393+50.00

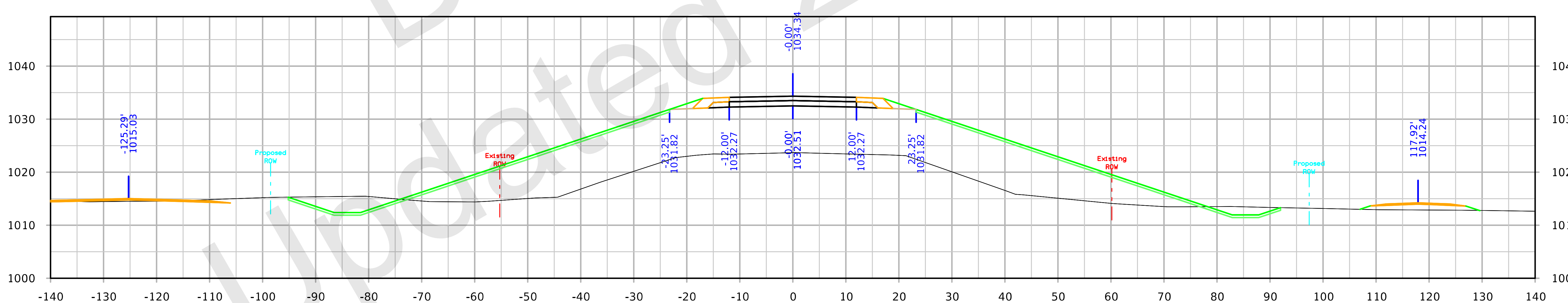
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.207

1:04:39 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

142nd Ave



STA. 395+00.00

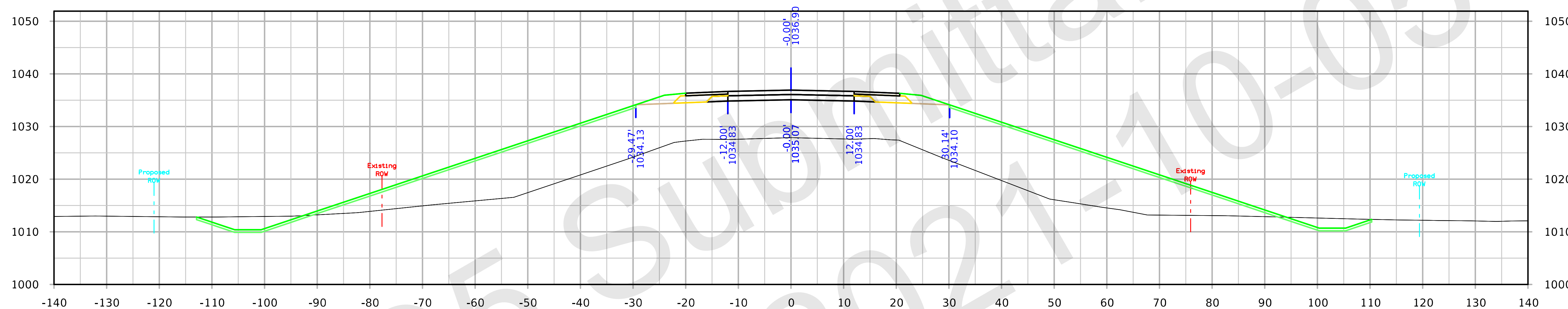


STA. 394+50.00

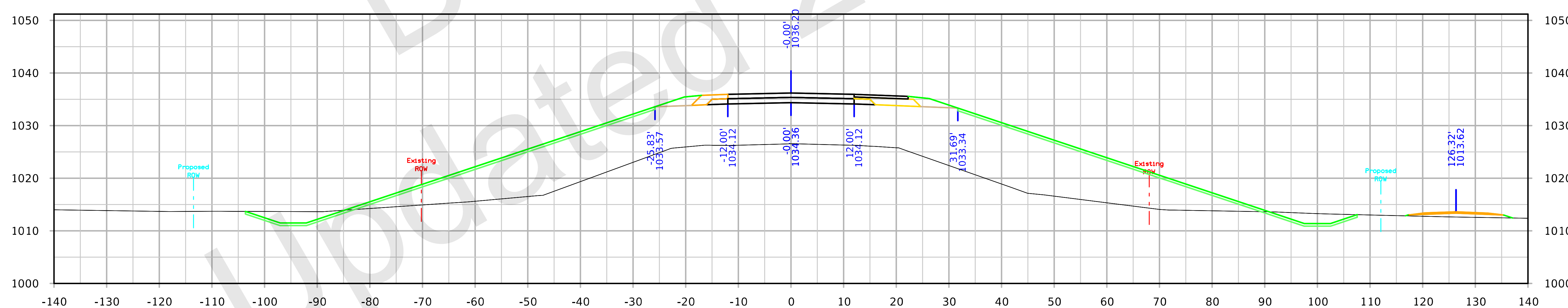
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.208

1:04:58 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

142nd Ave



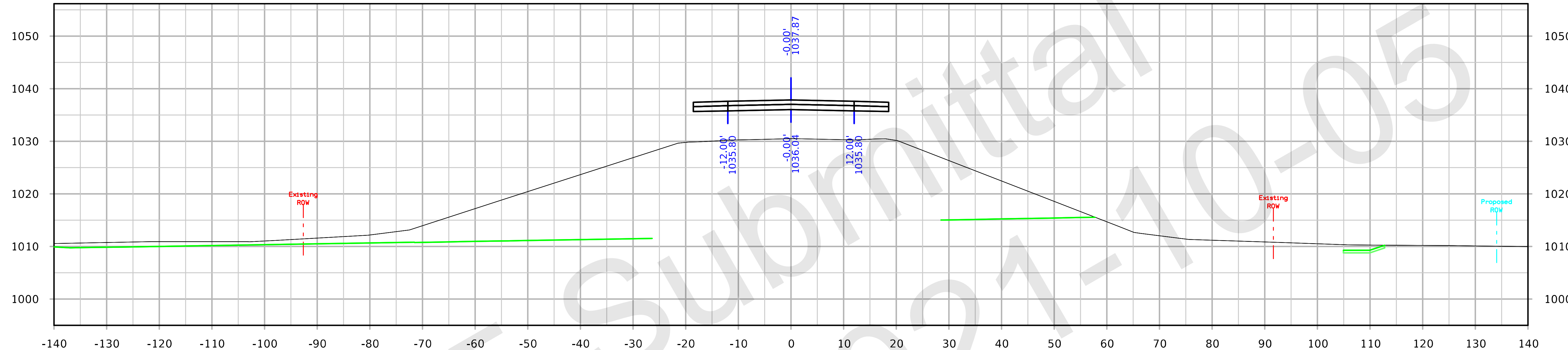
STA. 396+00.00



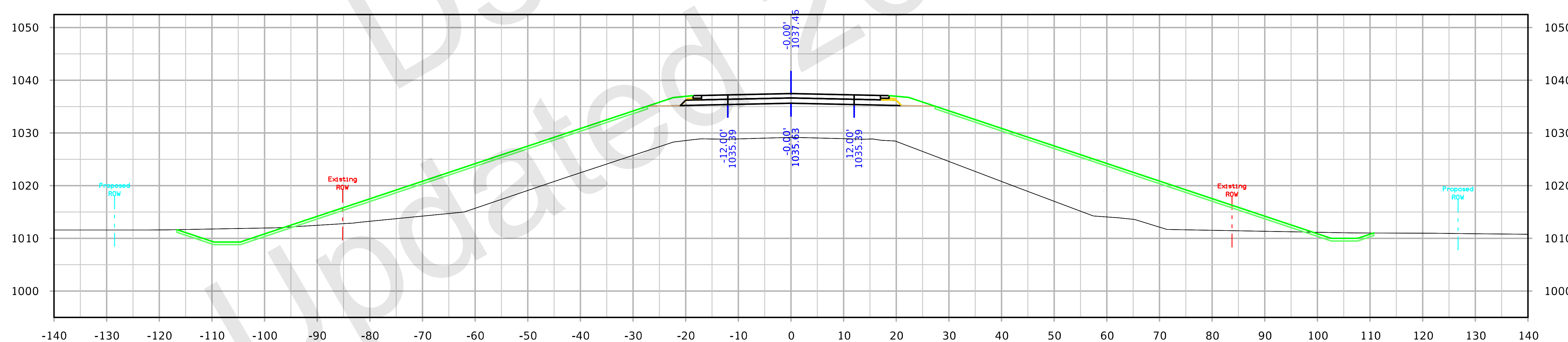
STA. 395+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.209

142nd Ave

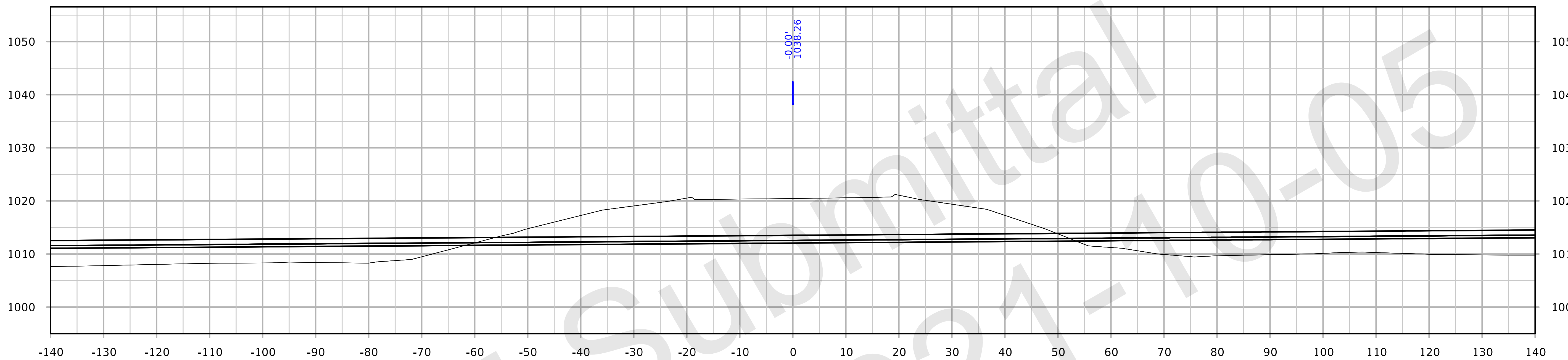


STA. 397+00.00

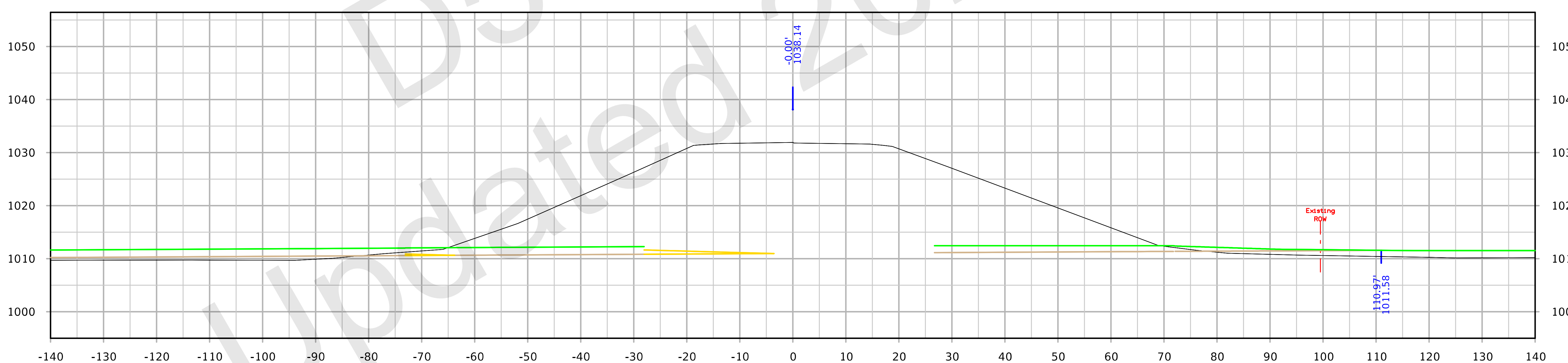


STA. 396+50.00

142nd Ave



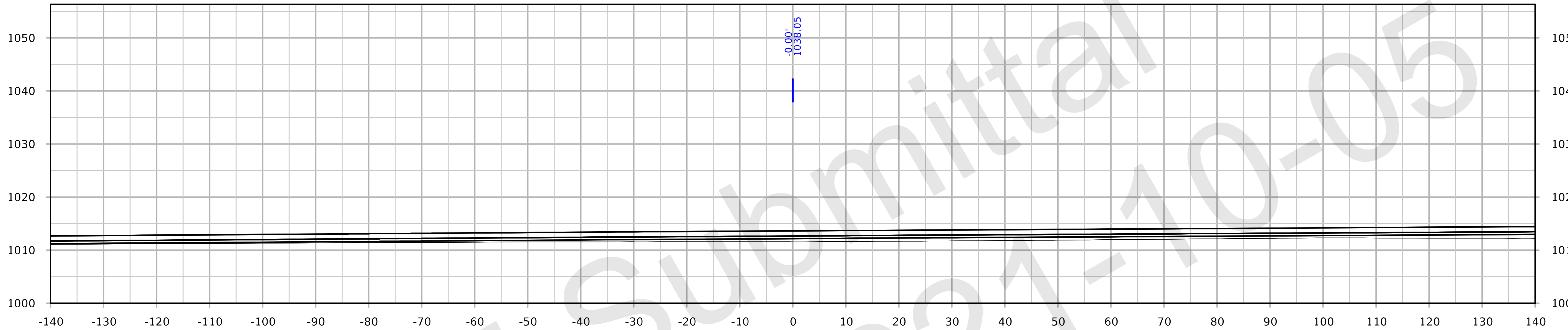
STA. 398+00.00



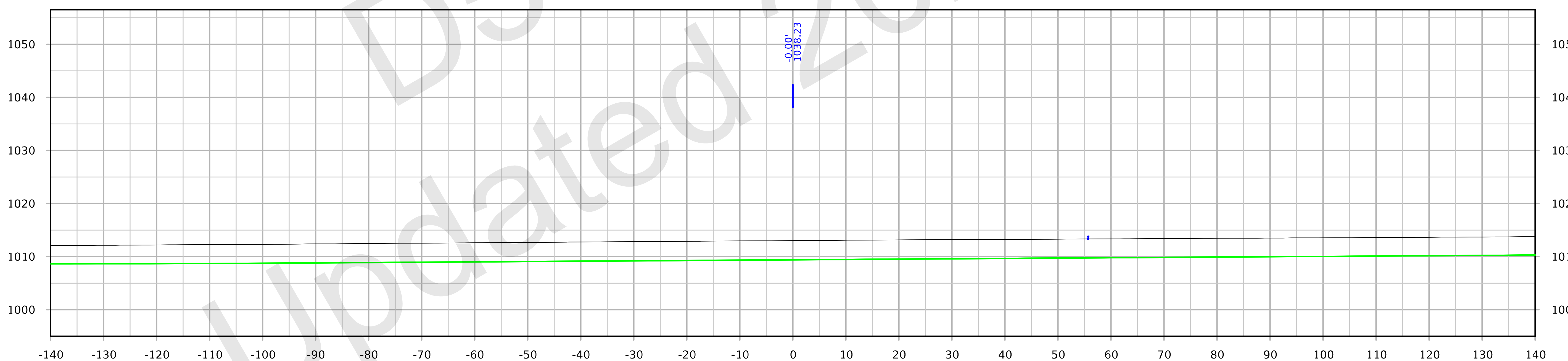
STA. 397+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.211

142nd Ave



STA. 399+00.00

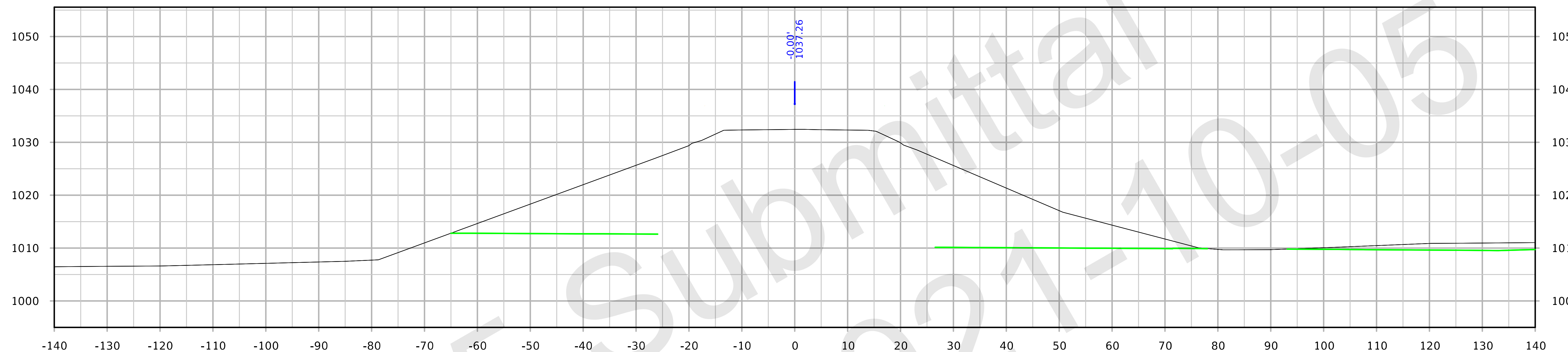


STA. 398+50.00

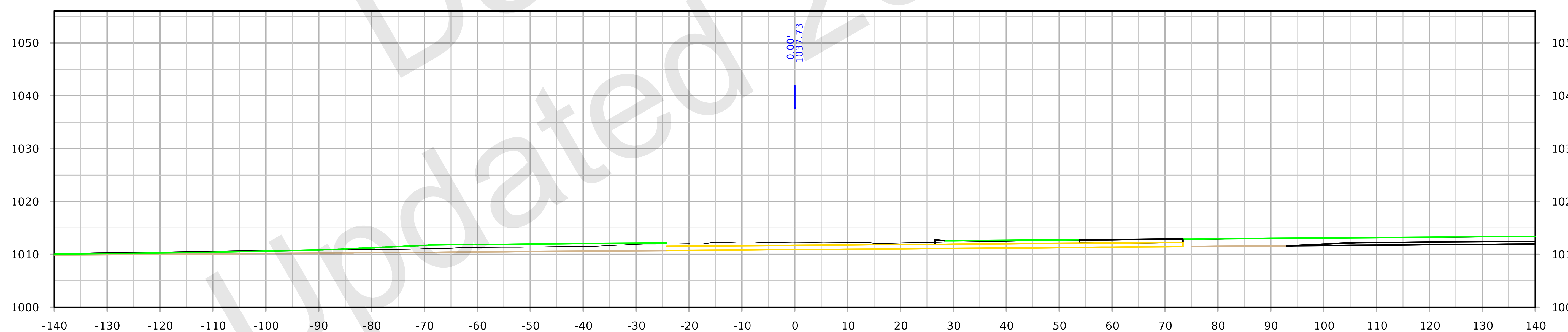
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.212

1:06:14 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

142nd Ave



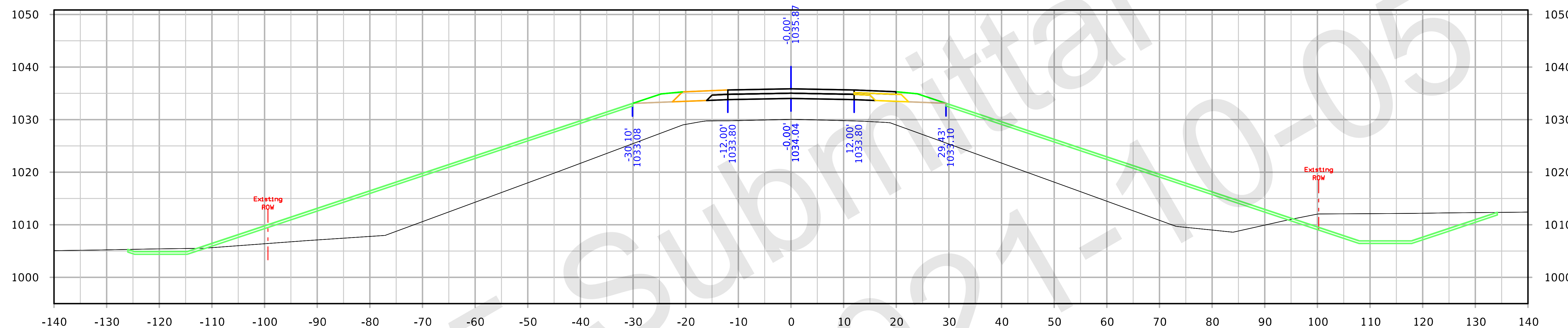
STA. 400+00.00



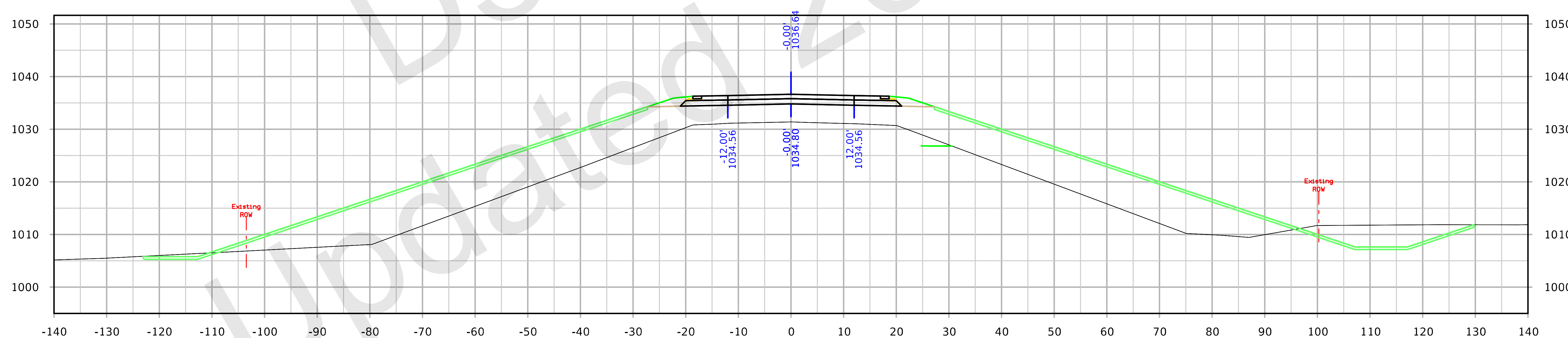
STA. 399+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.213

142nd Ave

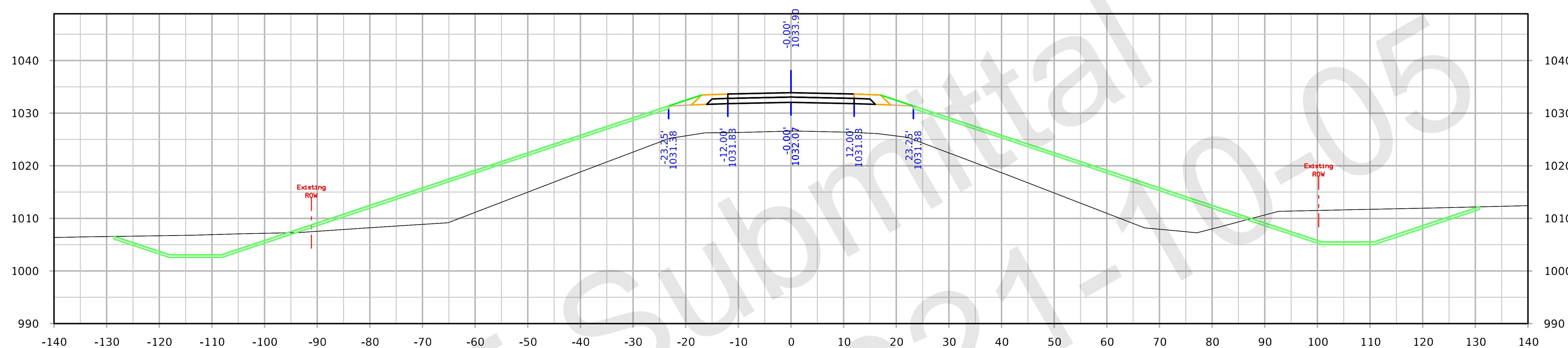


STA. 401+00.00

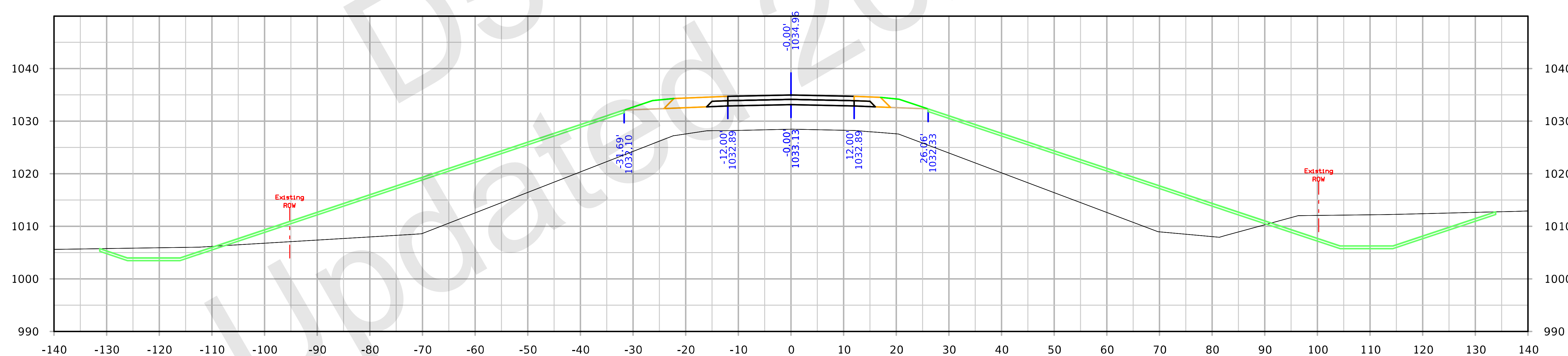


STA. 400+50.00

142nd Ave



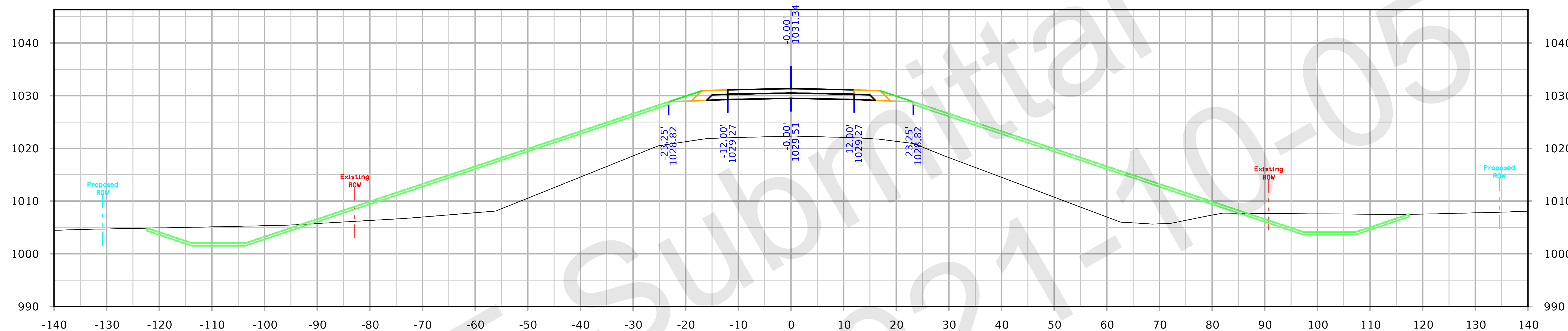
STA. 402+00.00



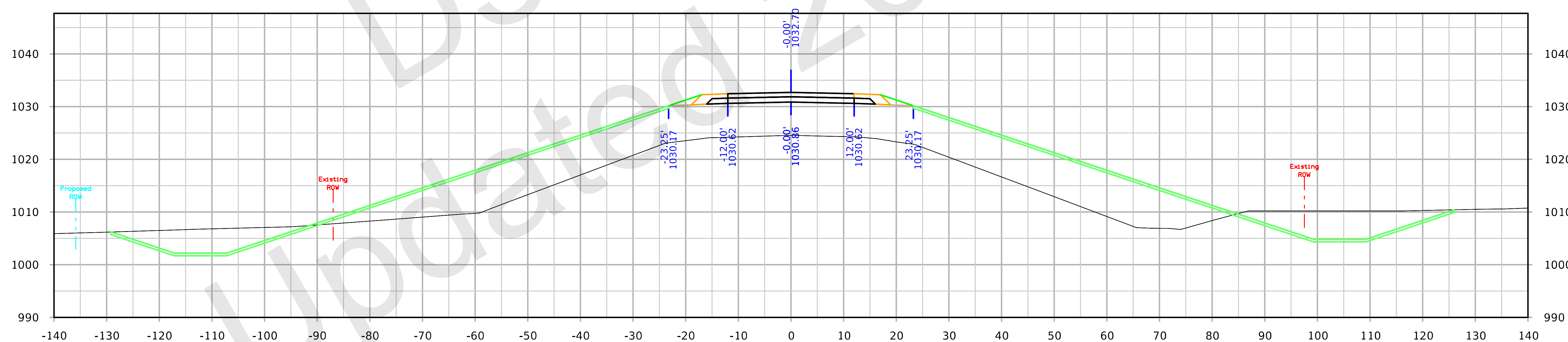
STA. 401+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.215

142nd Ave



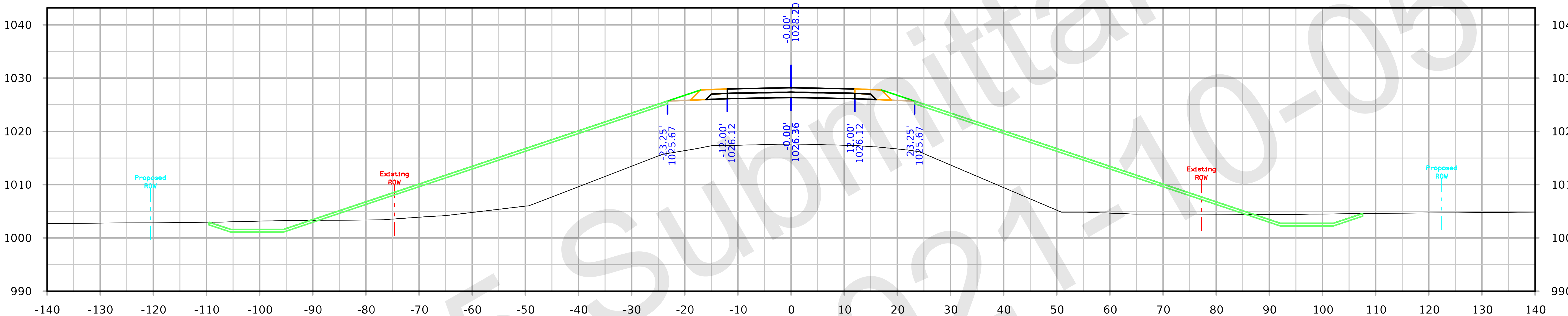
STA. 403+00.00



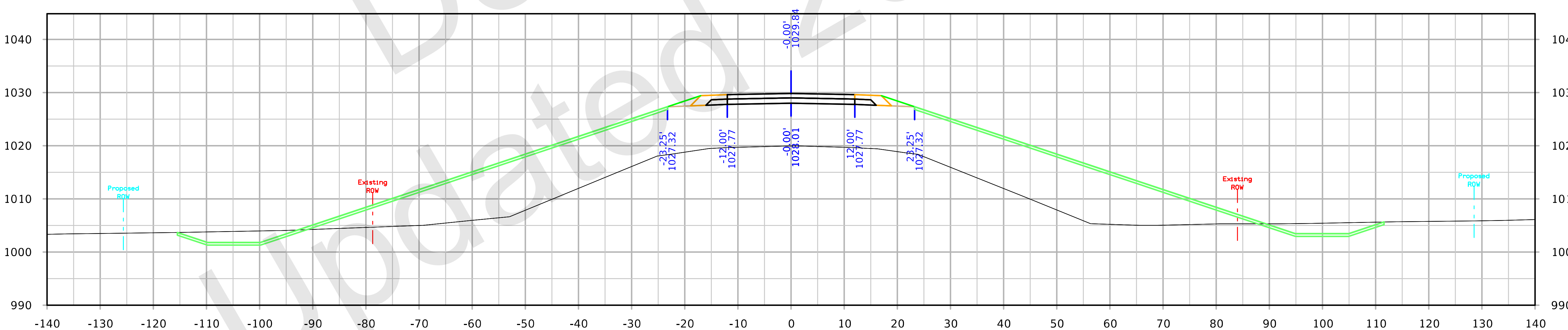
STA. 402+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.216

142nd Ave



STA. 404+00.00

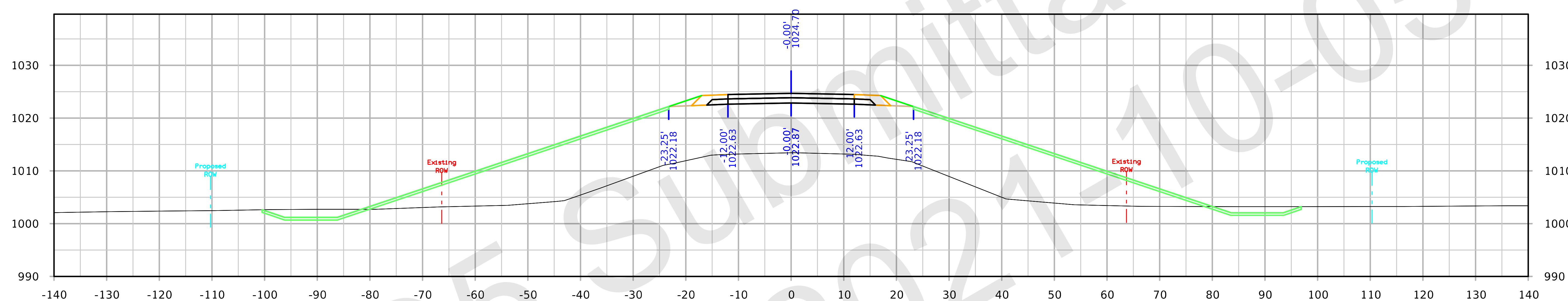


STA. 403+50.00

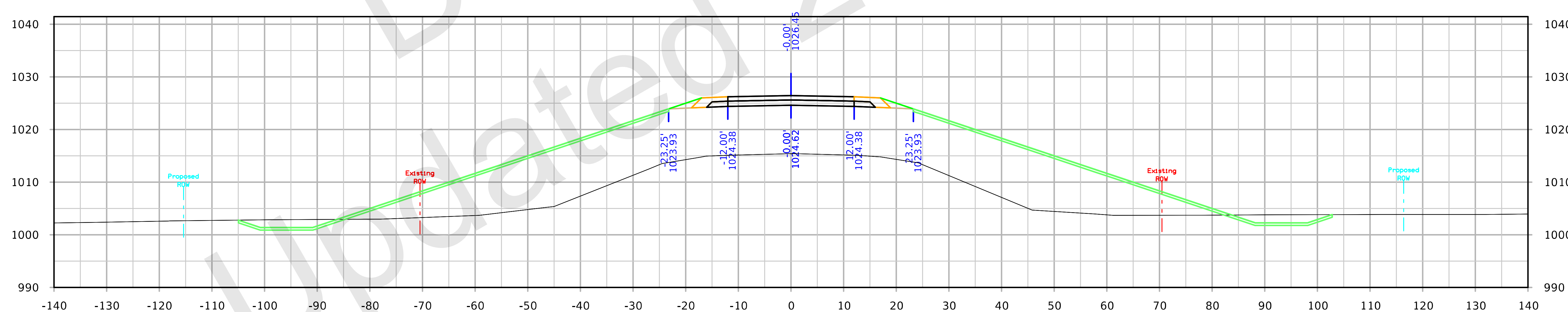
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.217

1:07:48 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

142nd Ave



STA. 405+00.00

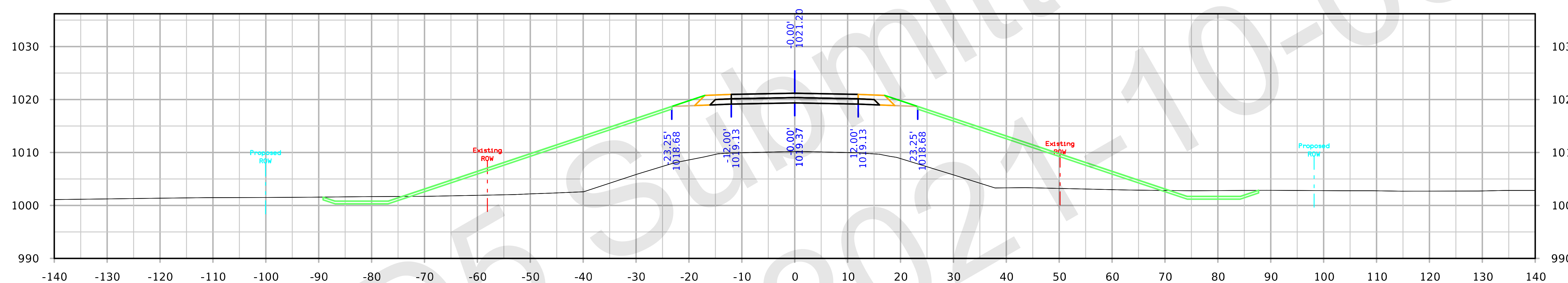


STA. 404+50.00

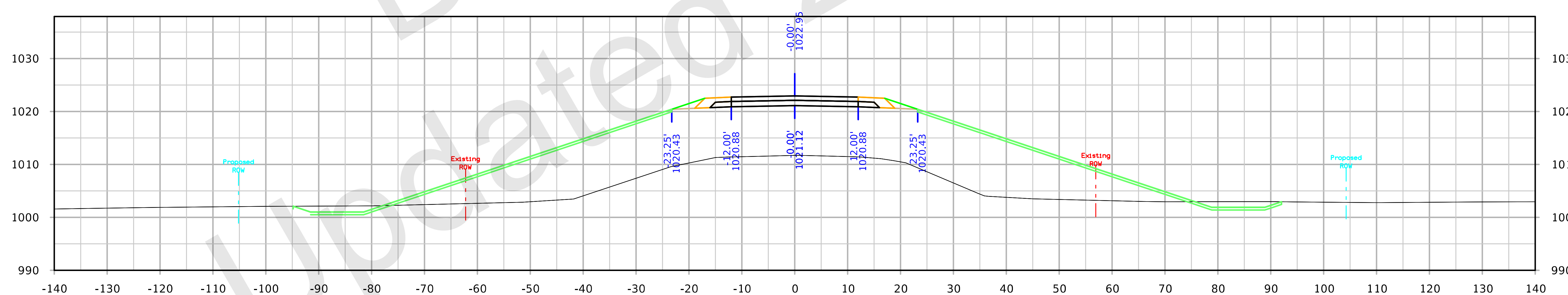
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.218

1:08:06 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

142nd Ave



STA. 406+00.00

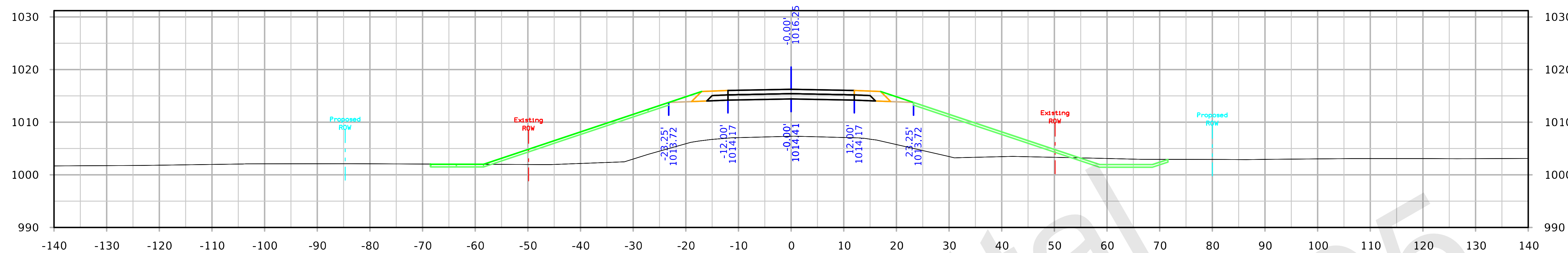


STA. 405+50.00

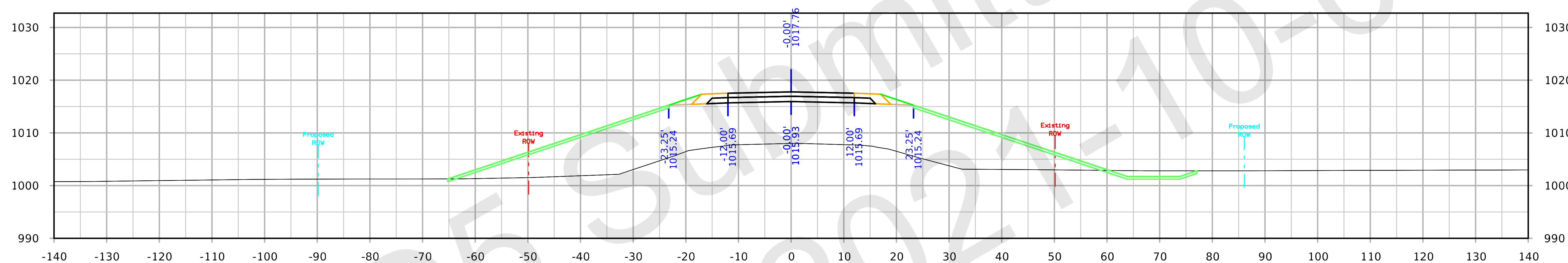
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.219

1:08:25 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR142_77035309Z08.dgn

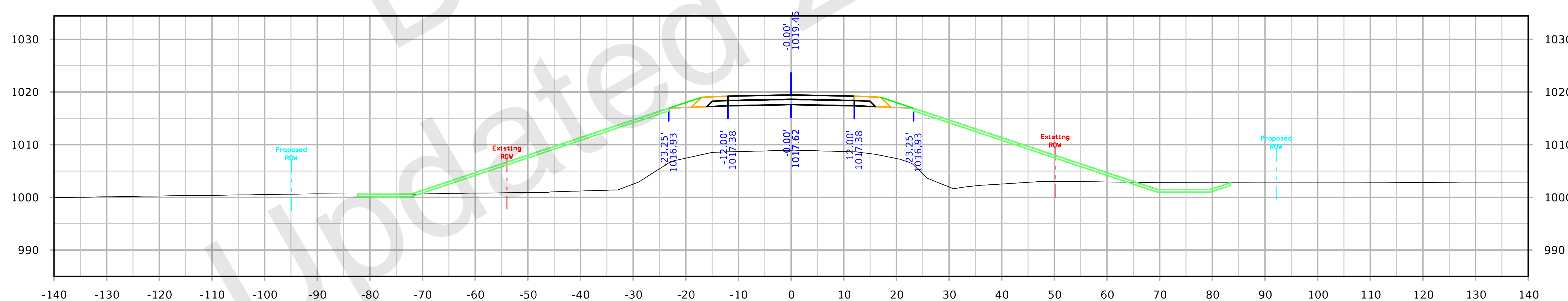
142nd Ave



STA. 407+50.00



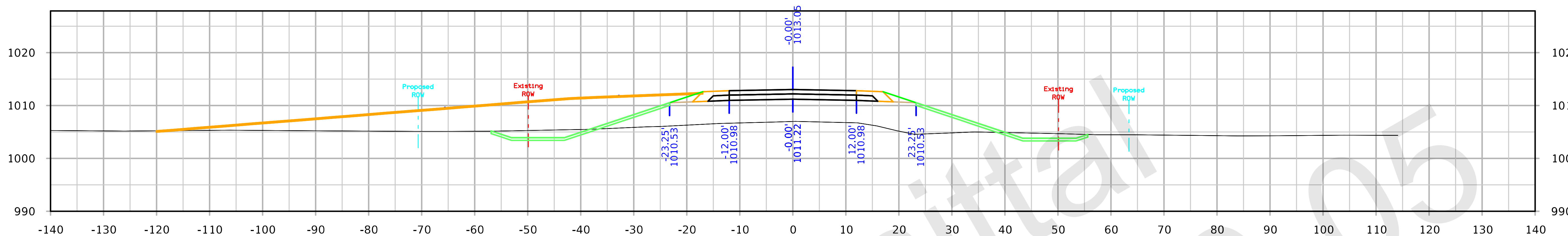
STA. 407+00.00



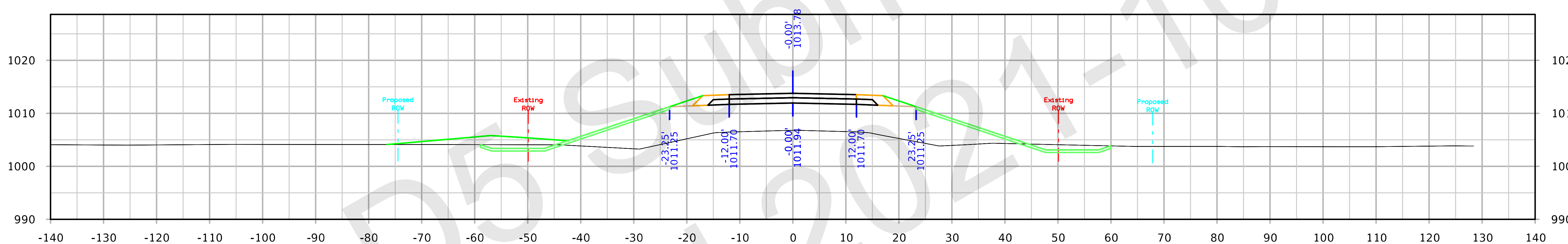
STA. 406+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.220

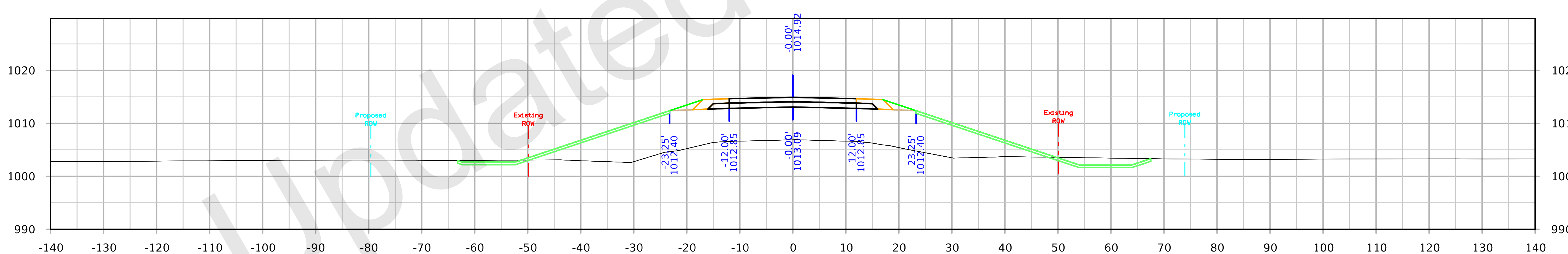
142nd Ave



STA. 408+87.00



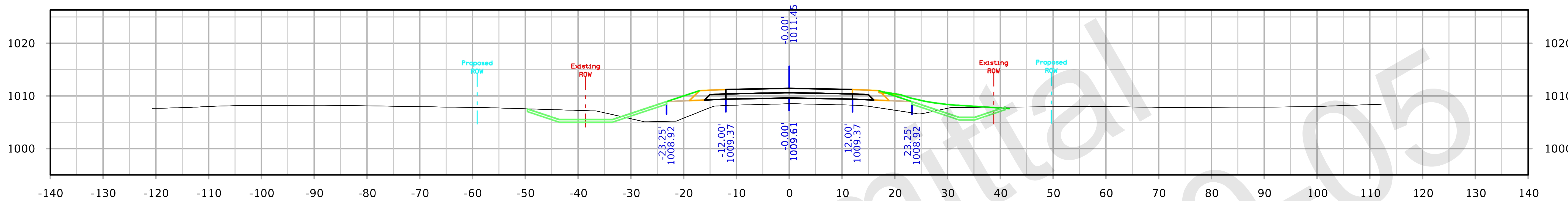
STA. 408+50.00



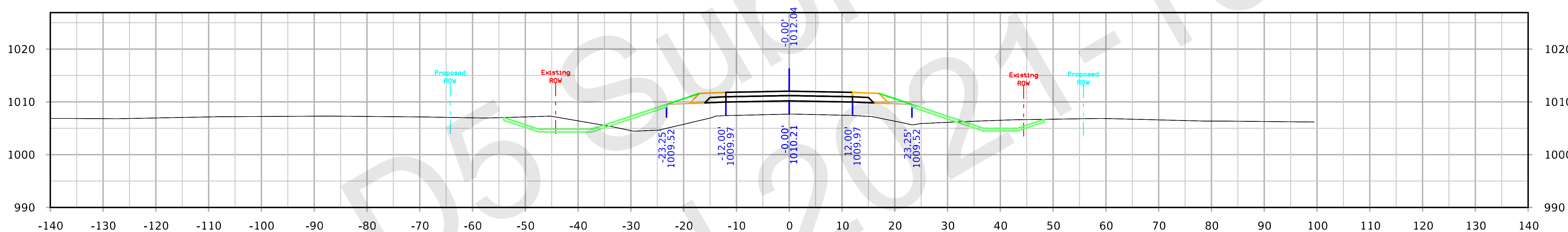
STA. 408+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.221

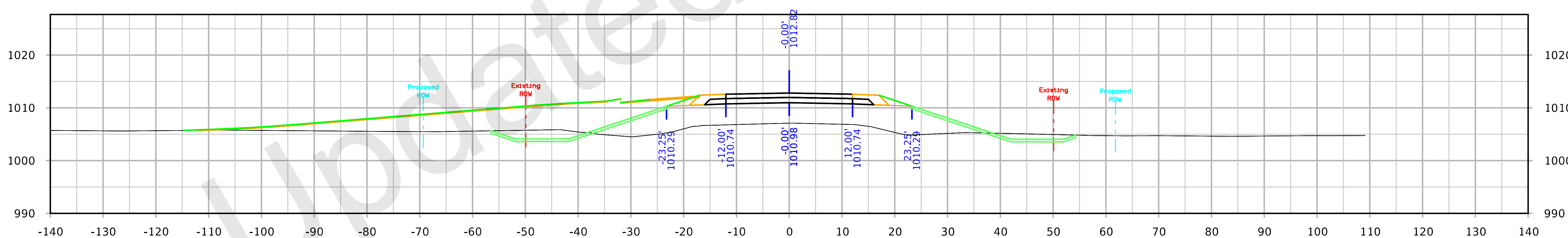
142nd Ave



STA. 410+00.00



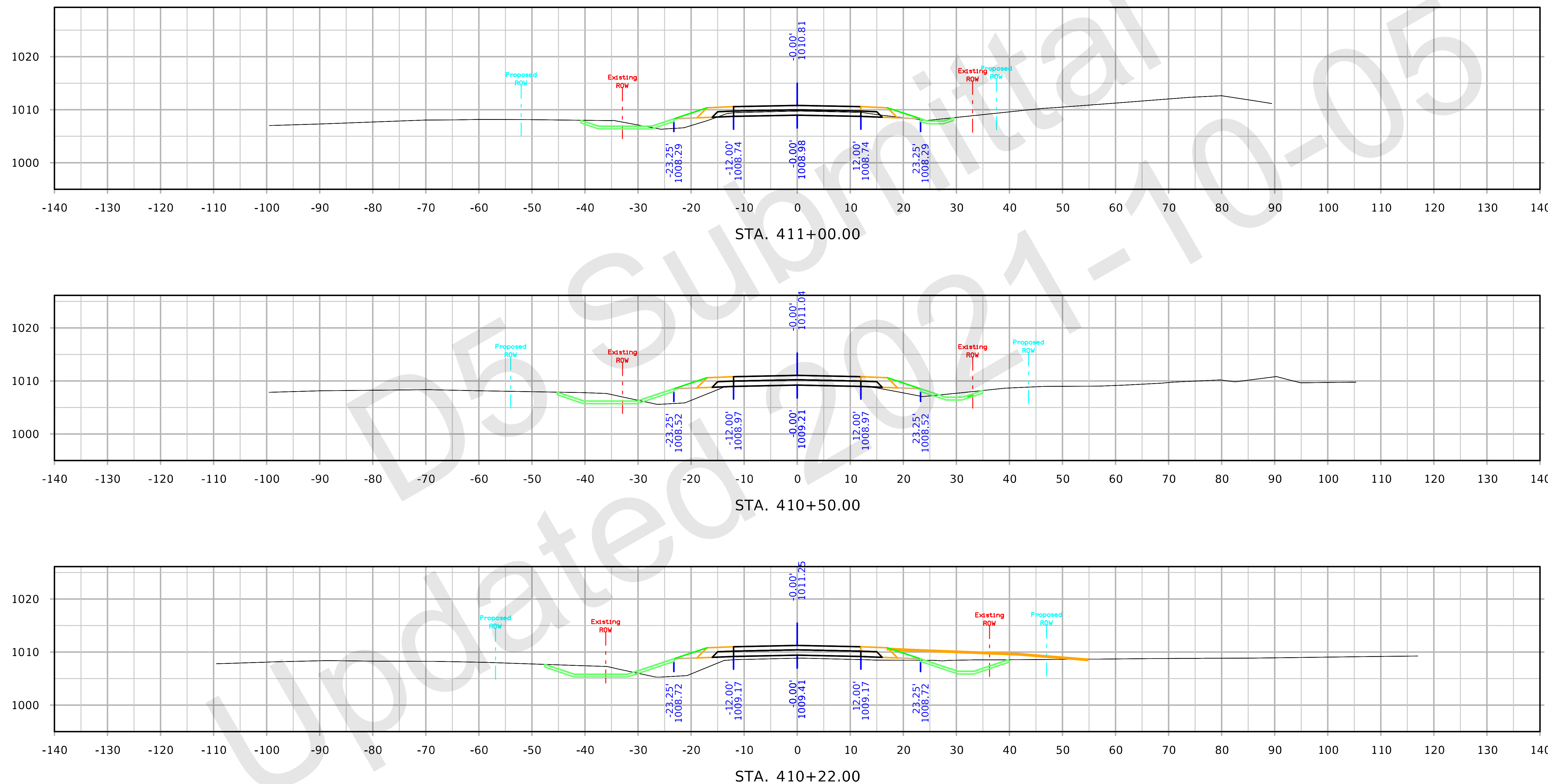
STA. 409+50.00



STA. 409+00.00

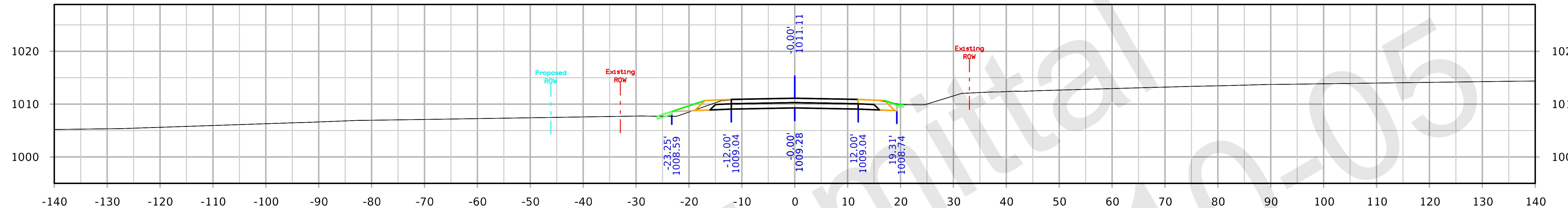
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.222

142nd Ave

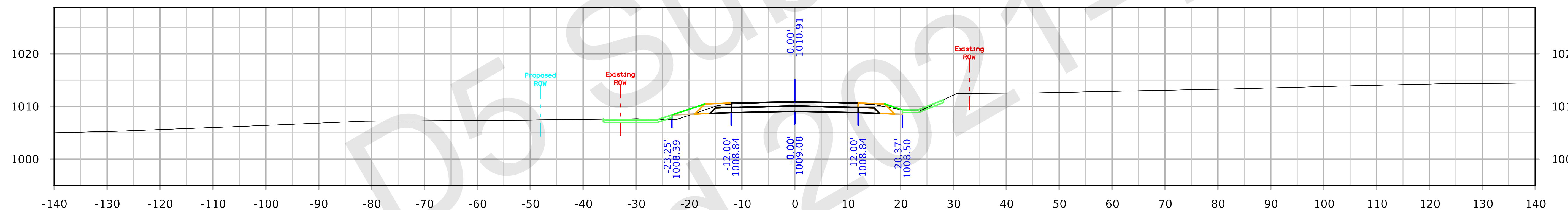


FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.223

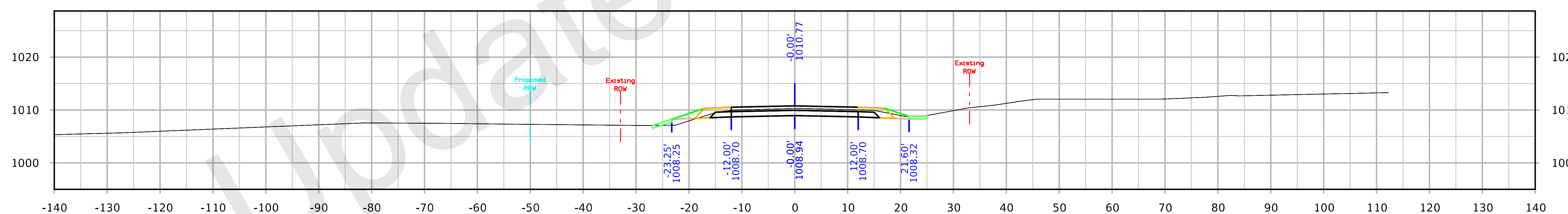
142nd Ave



STA. 412+50.00



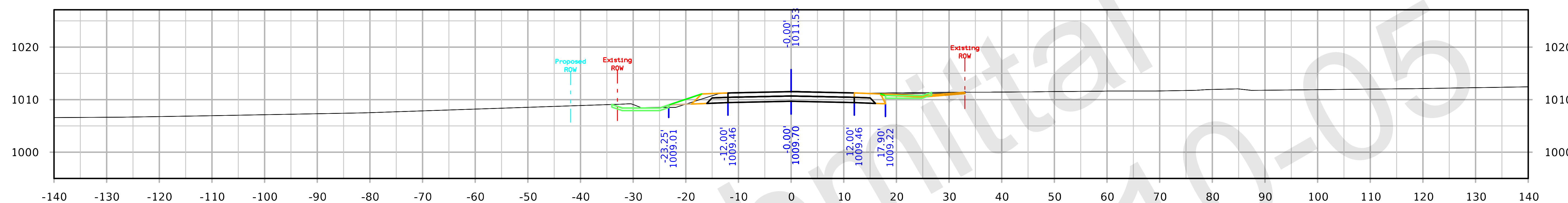
STA. 412+00.00



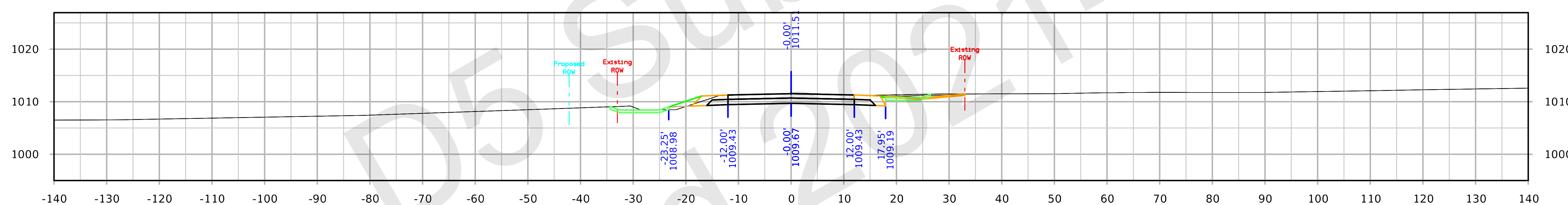
STA. 411+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.224

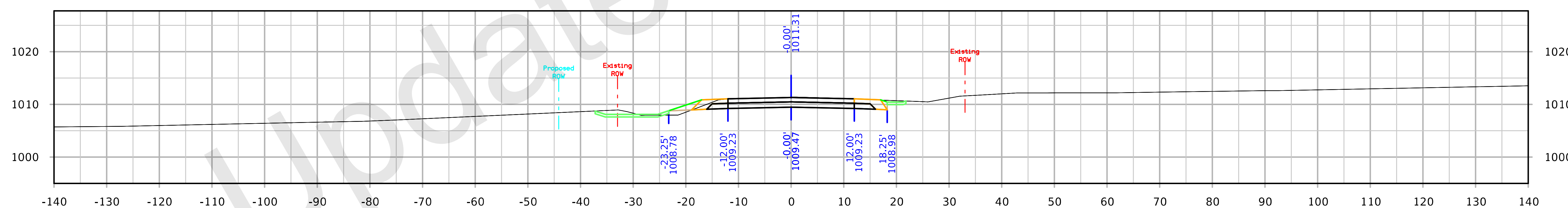
142nd Ave



STA. 413+57.00



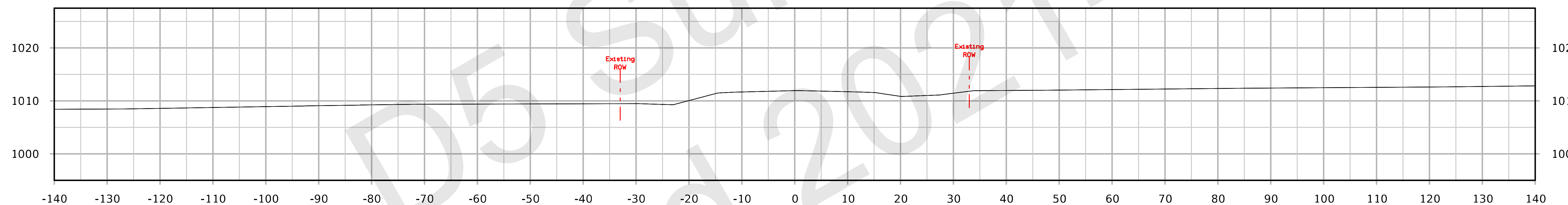
STA. 413+50.00



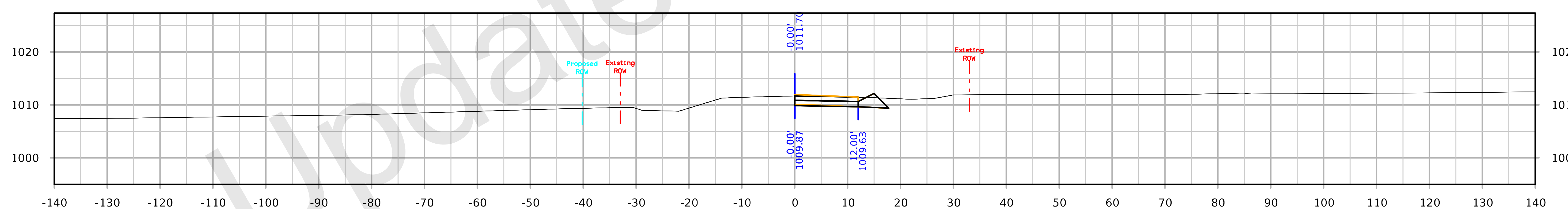
STA. 413+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.225

142nd Ave



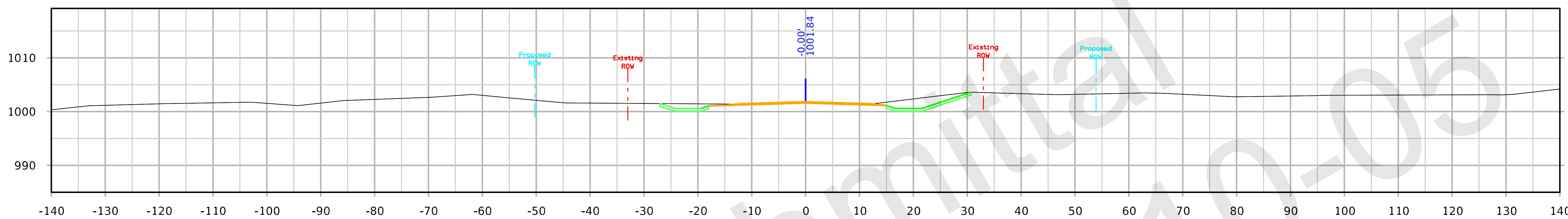
STA. 414+50.00



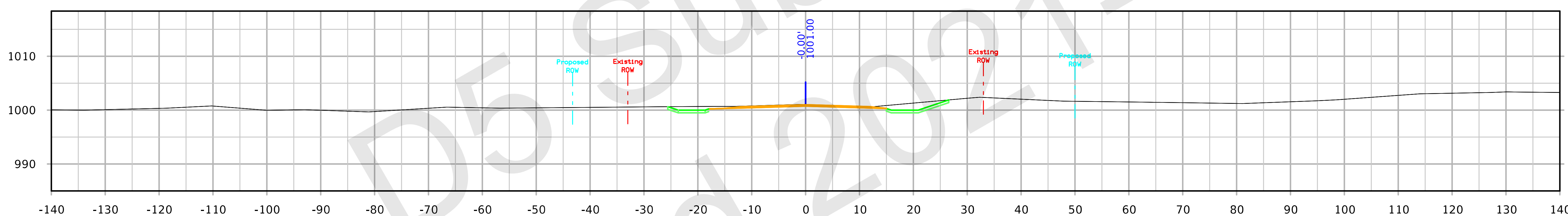
STA. 414+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.226

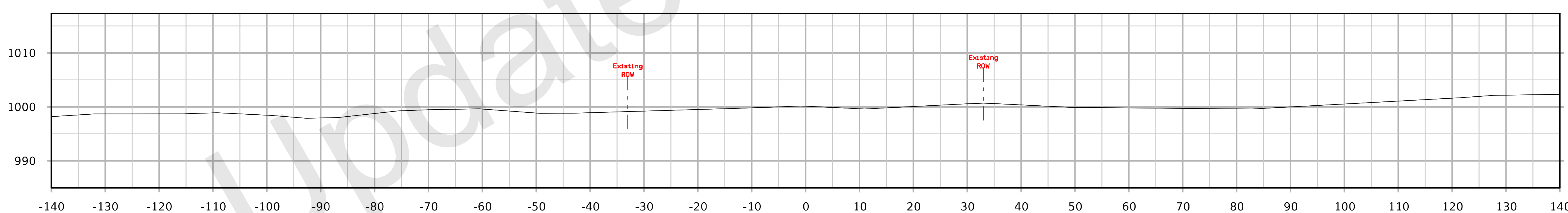
158th Ave



STA. 4695+50.00



STA. 4695+00.00

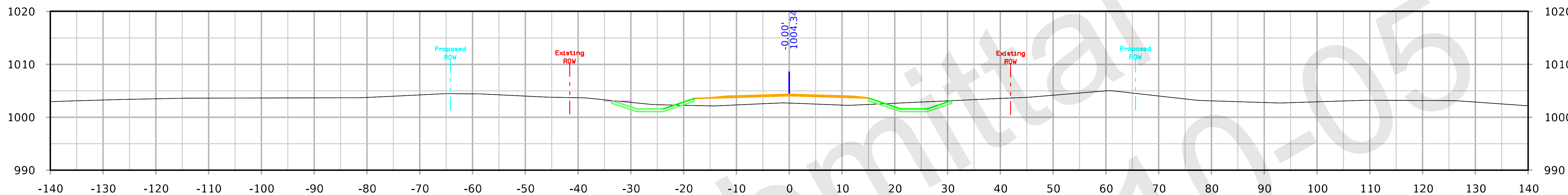


STA. 4694+50.00

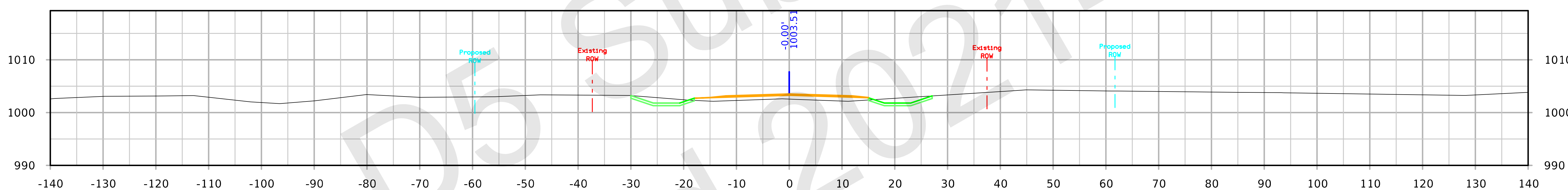
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.300

2:18:18 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR158_77035309Z08.dgn

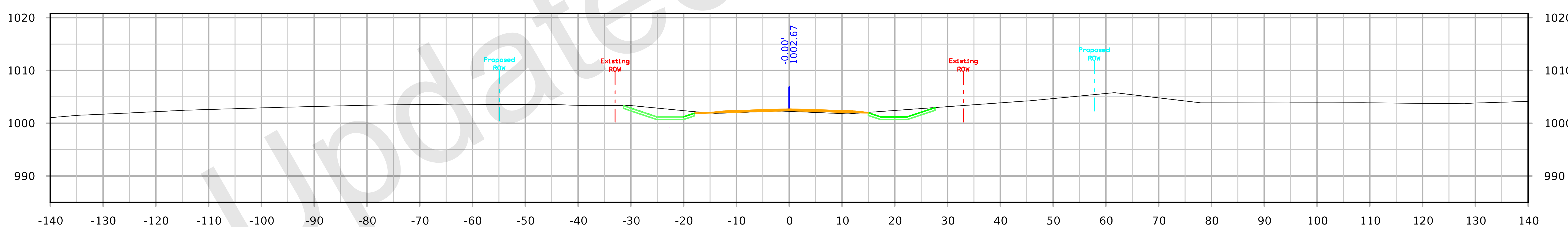
158th Ave



STA. 4697+00.00



STA. 4696+50.00

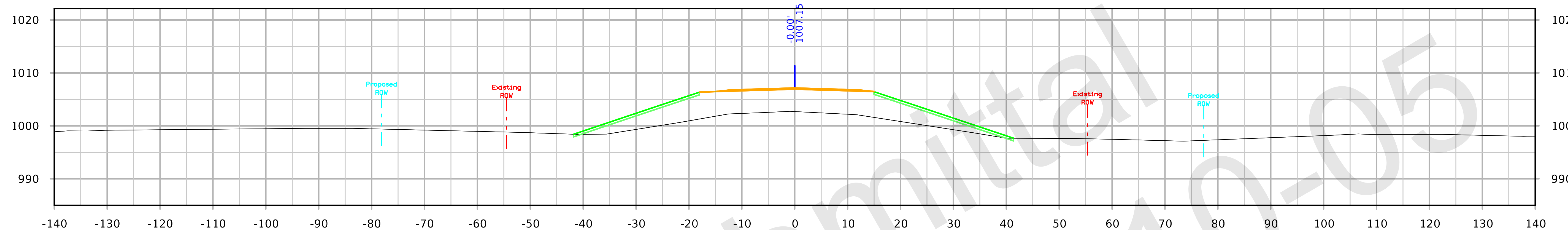


STA. 4696+00.00

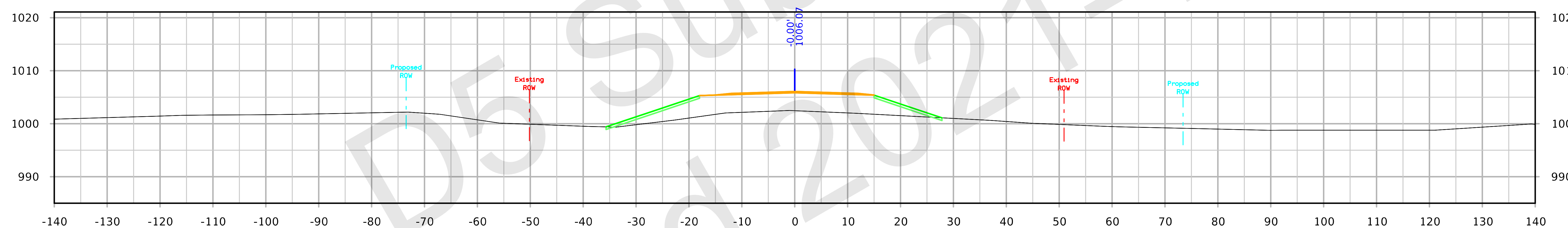
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.301

2:18:50 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR158_77035309Z08.dgn

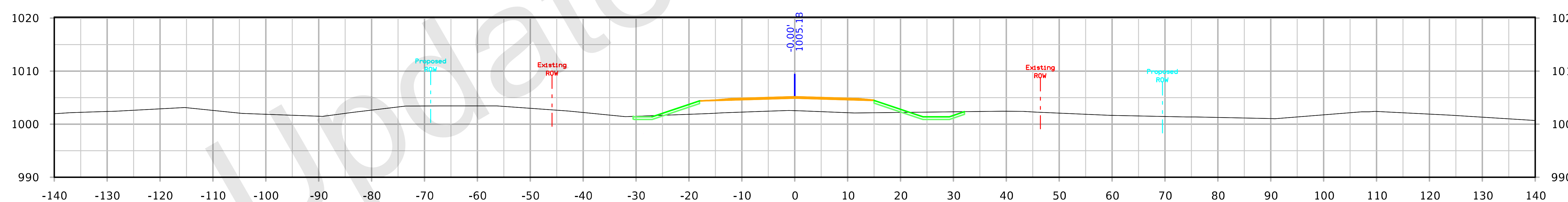
158th Ave



STA. 4698+50.00

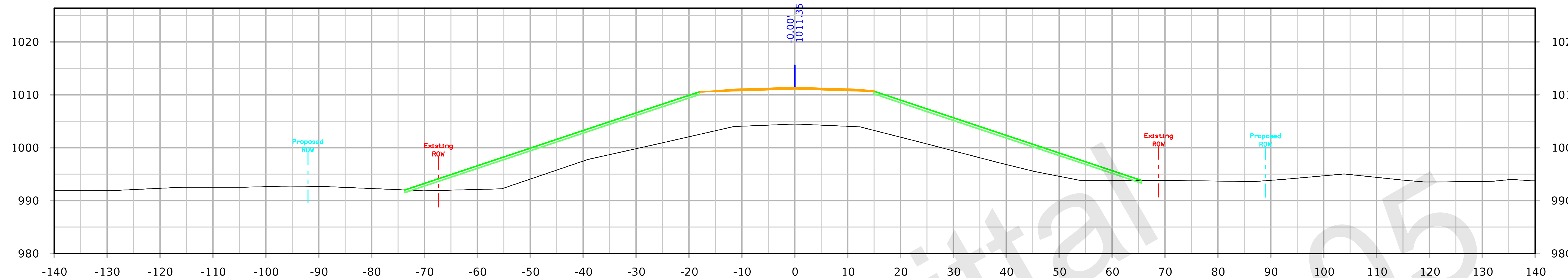


STA. 4698+00.00

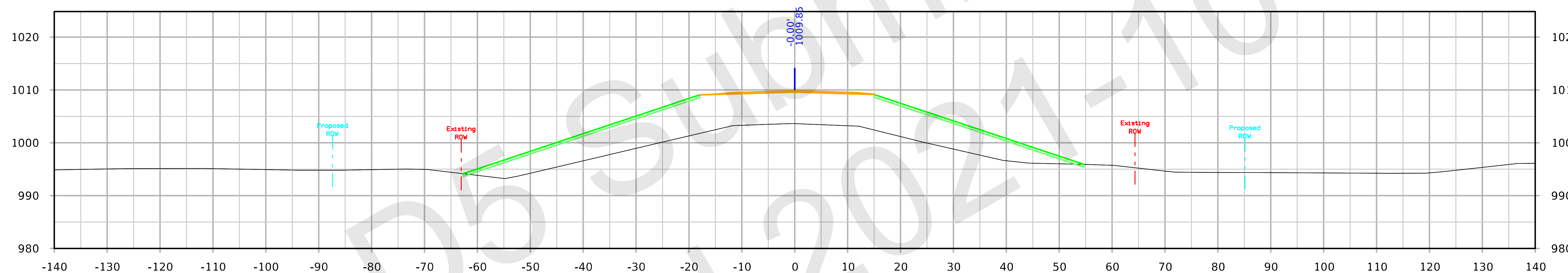


STA. 4697+50.00

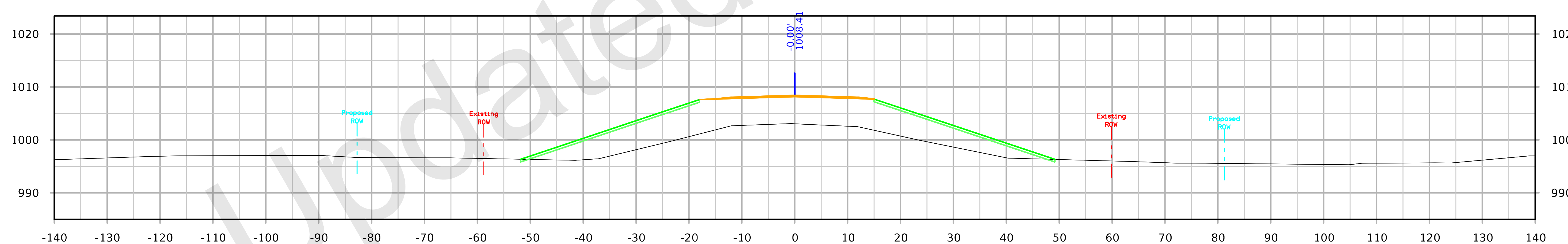
158th Ave



STA. 4700+00.00



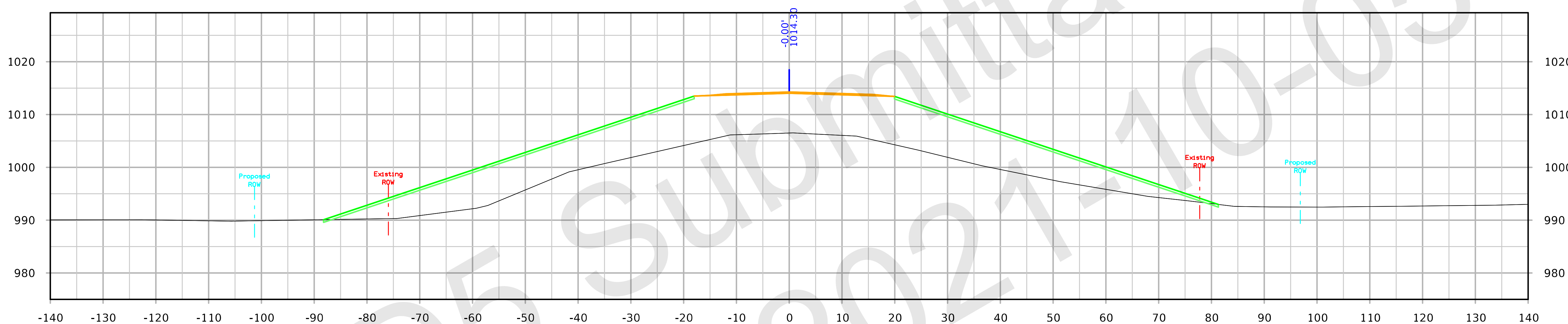
STA. 4699+50.00



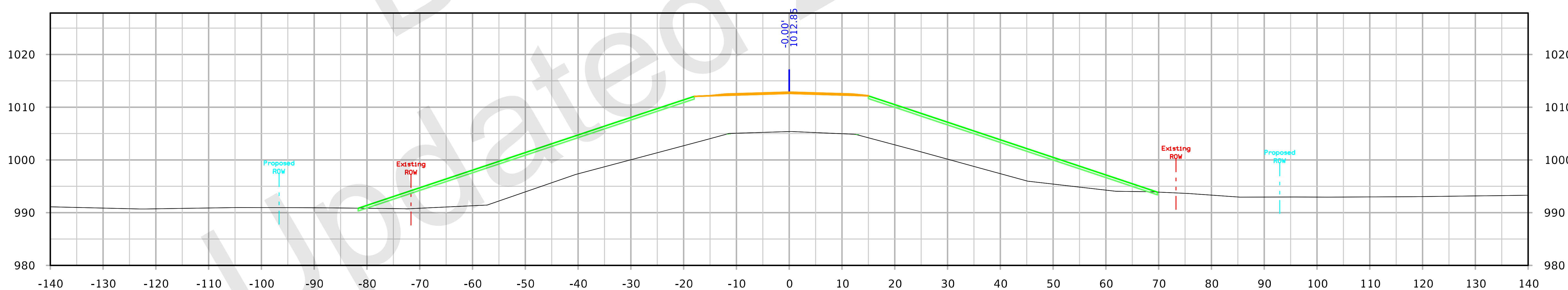
STA. 4699+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.303

158th Ave



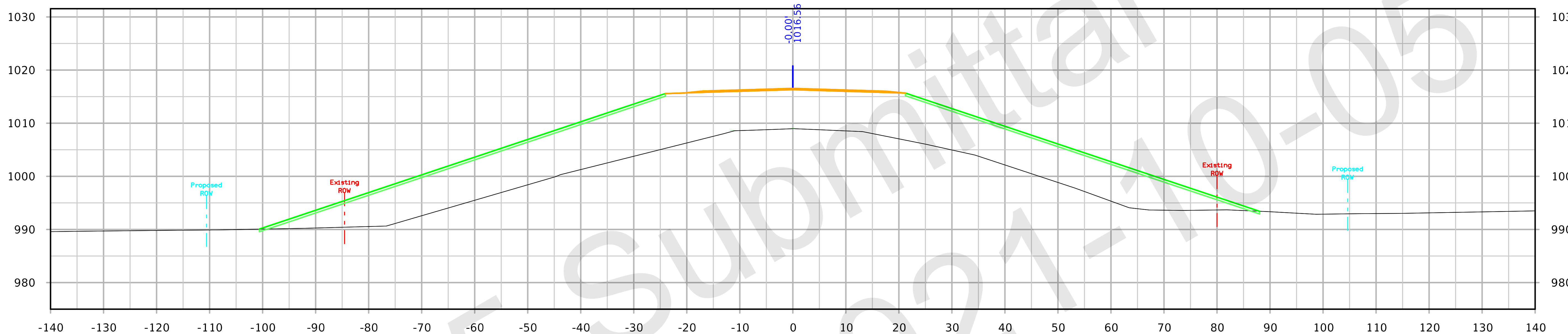
STA. 4701+00.00



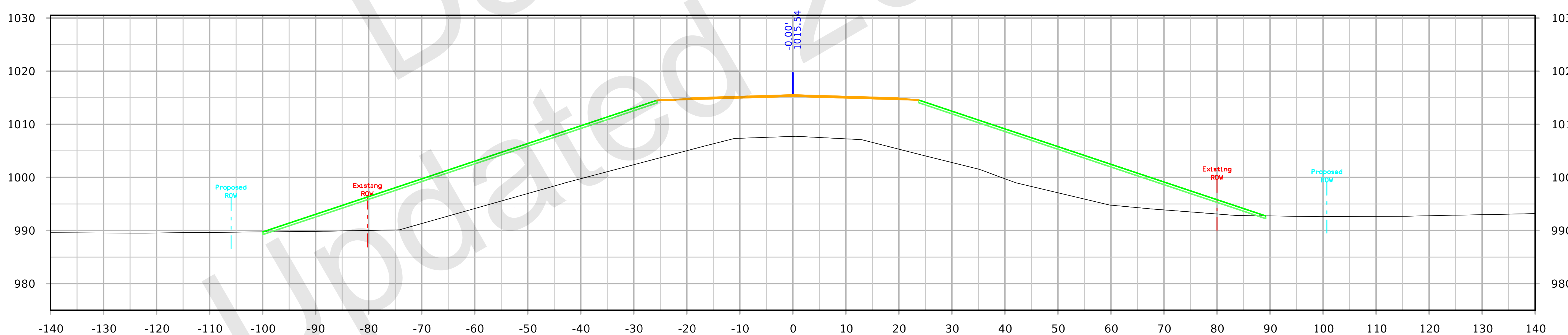
STA. 4700+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.304

158th Ave

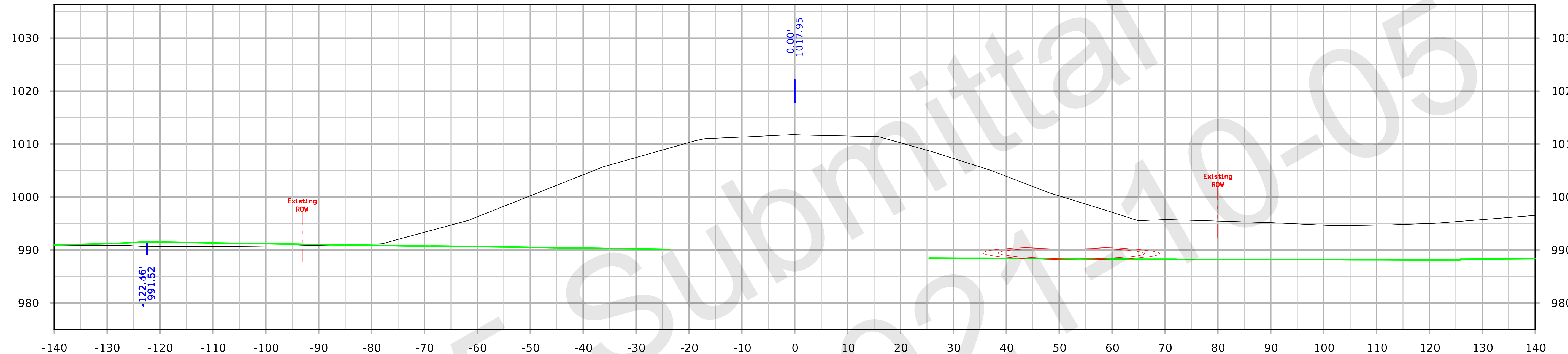


STA. 4702+00.00

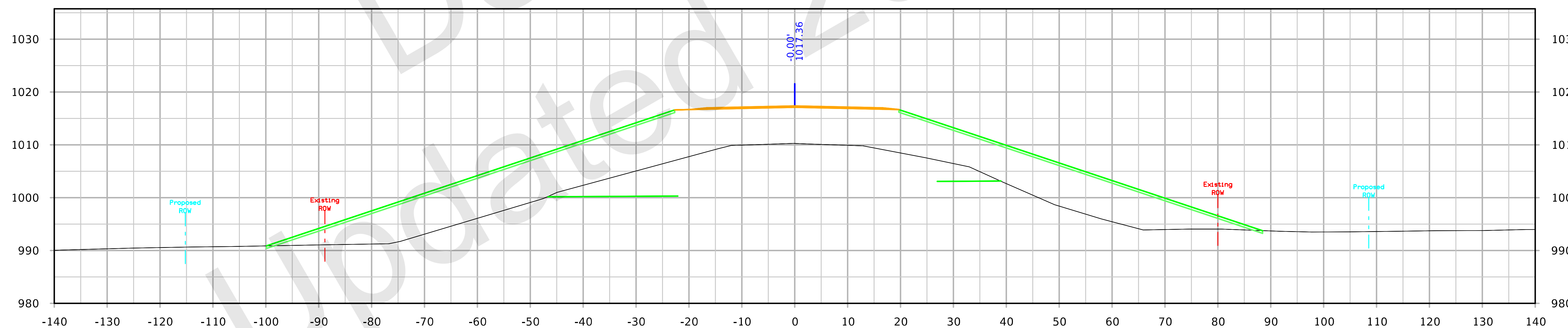


STA. 4701+50.00

158th Ave

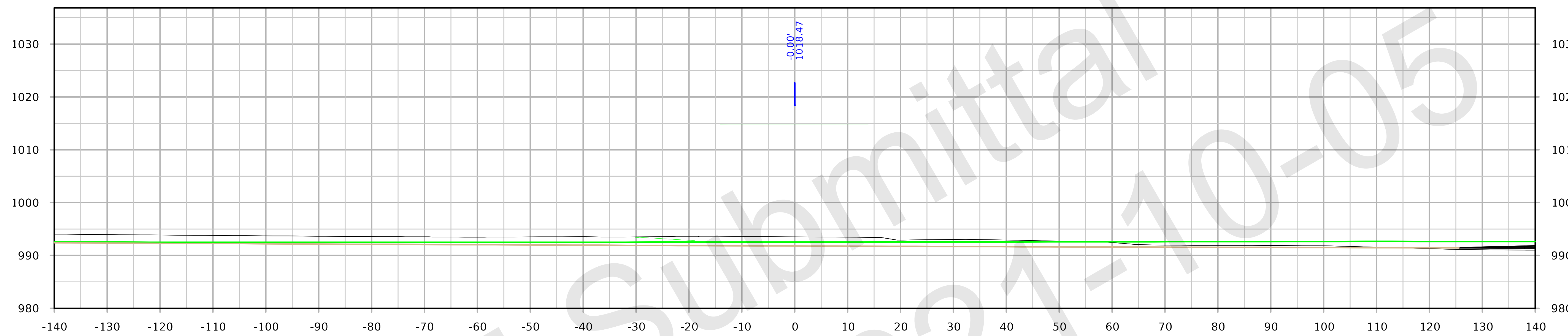


STA. 4703+00.00

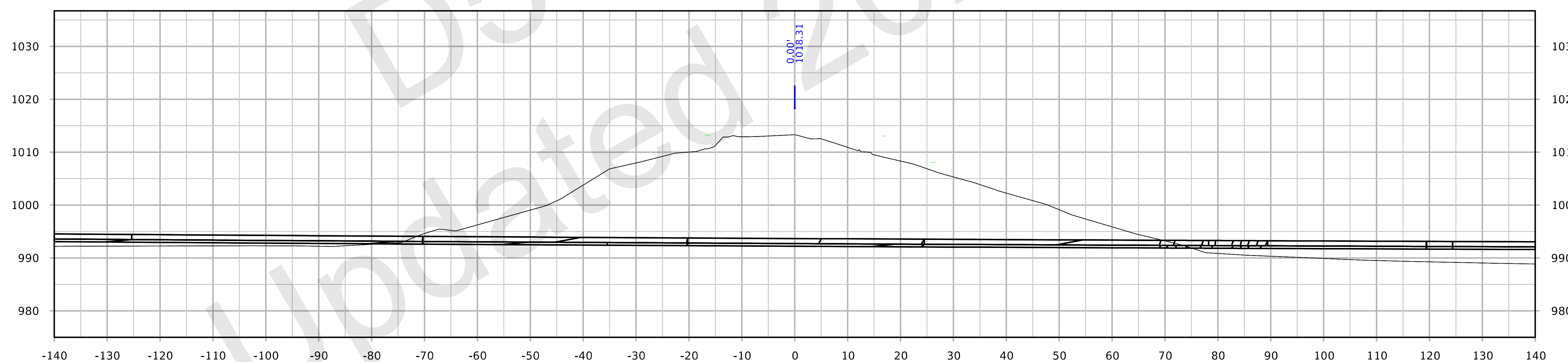


STA. 4702+50.00

158th Ave



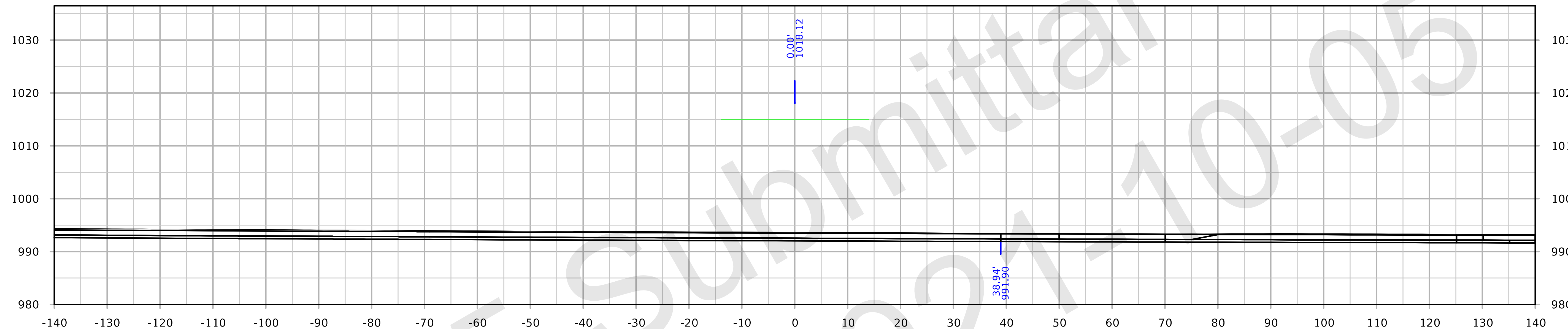
STA. 4704+00.00



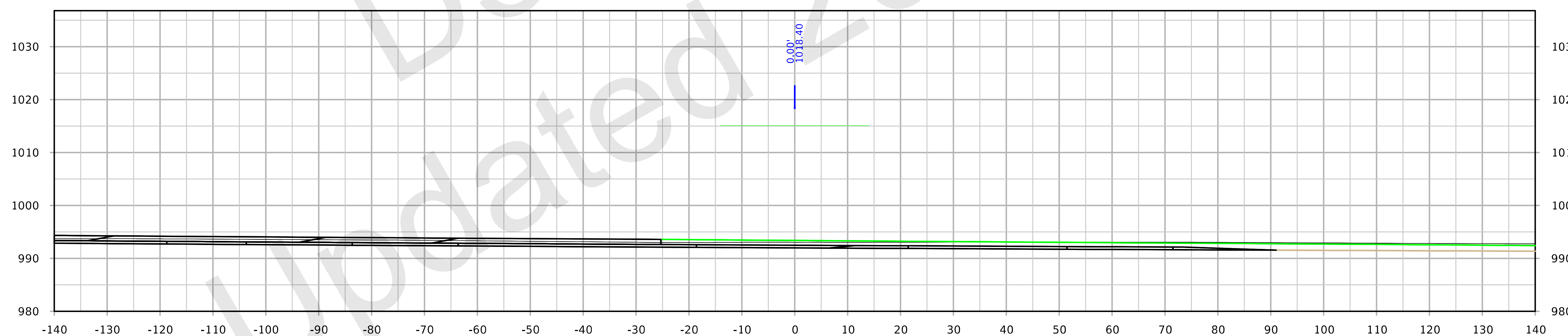
STA. 4703+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.307

158th Ave



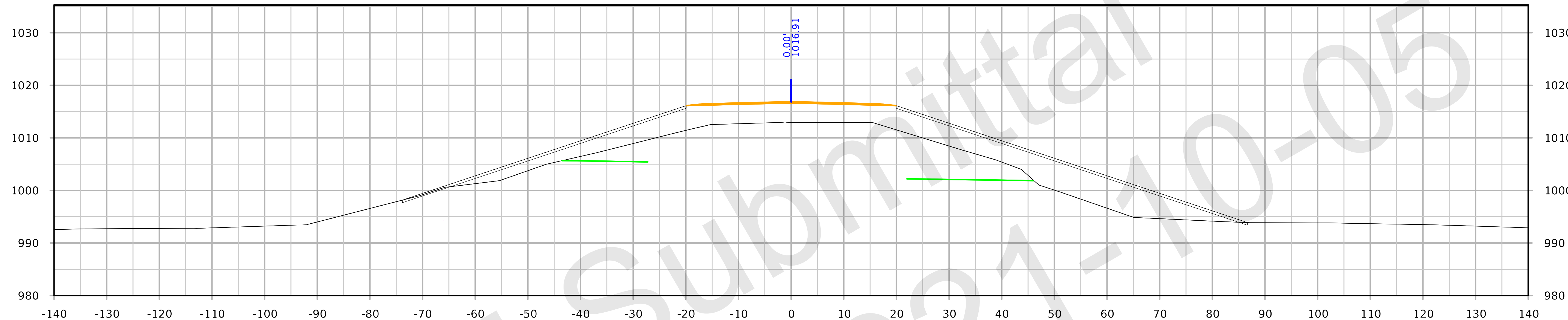
STA. 4705+00.00



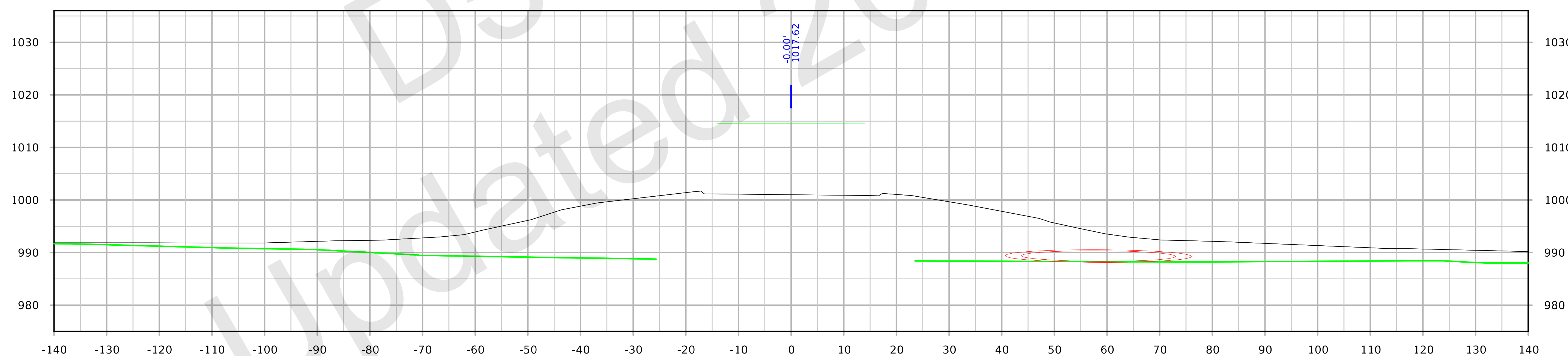
STA. 4704+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.308

158th Ave



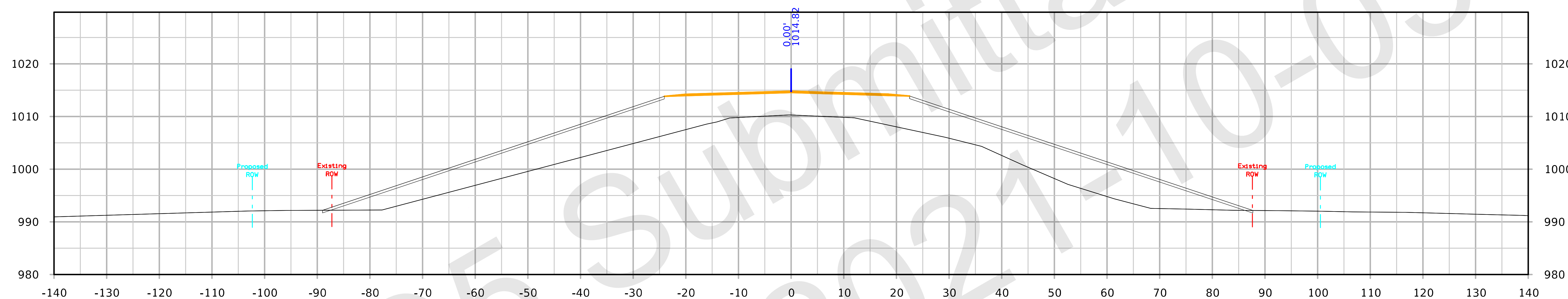
STA. 4706+00.00



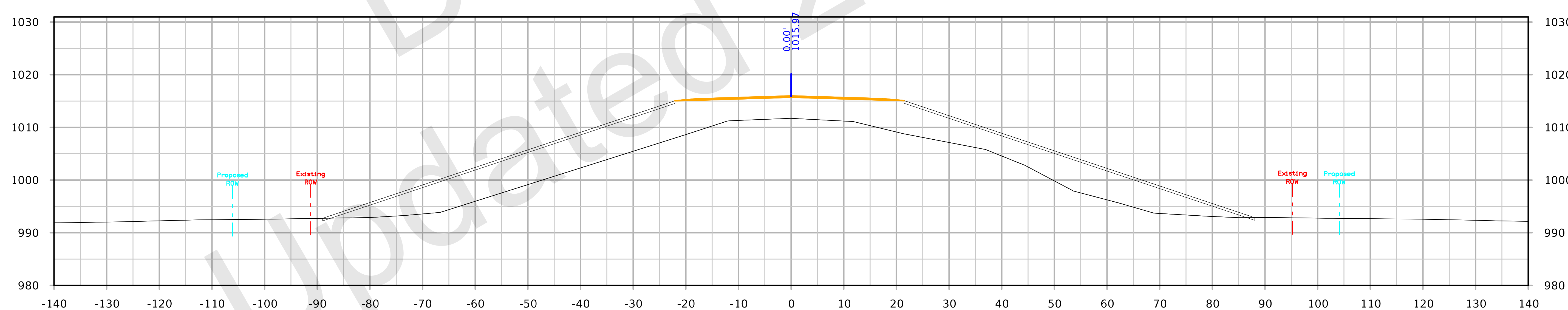
STA. 4705+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.309

158th Ave



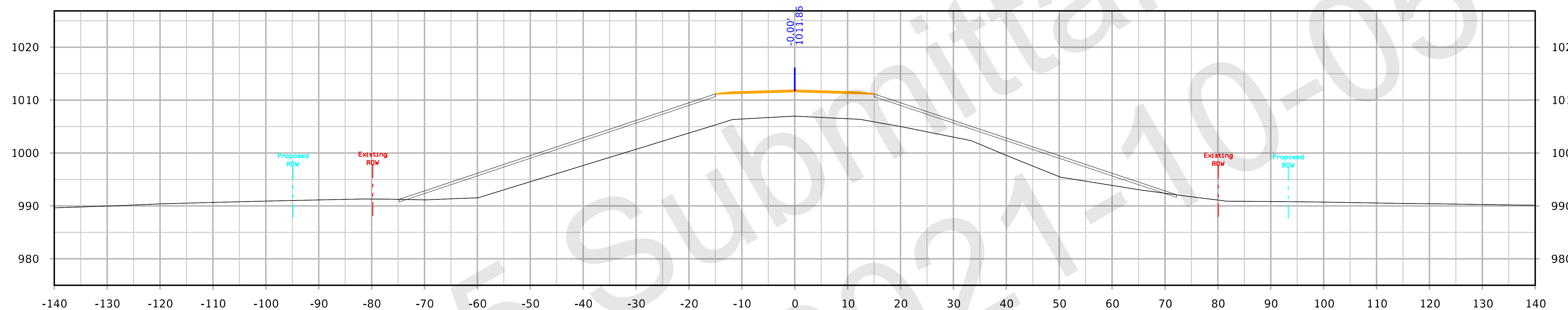
STA. 4707+00.00



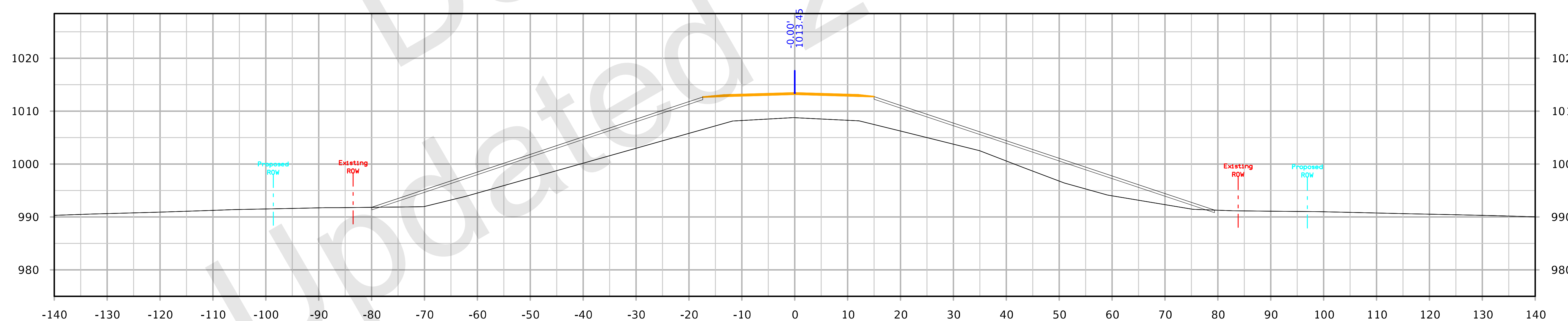
STA. 4706+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.310

158th Ave



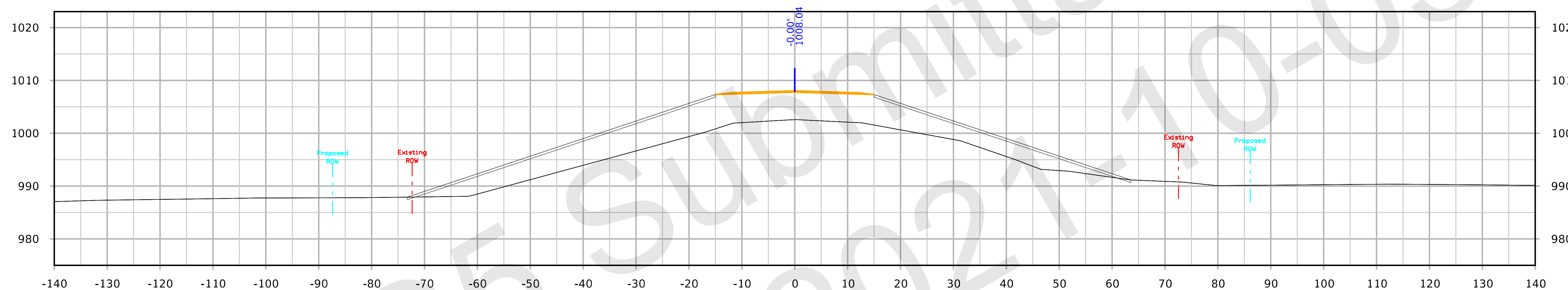
STA. 4708+00.00



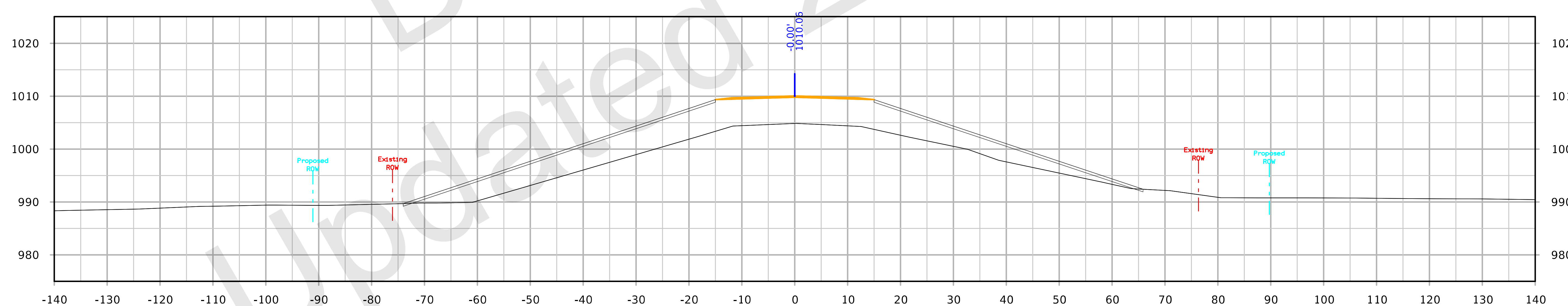
STA. 4707+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.311

158th Ave



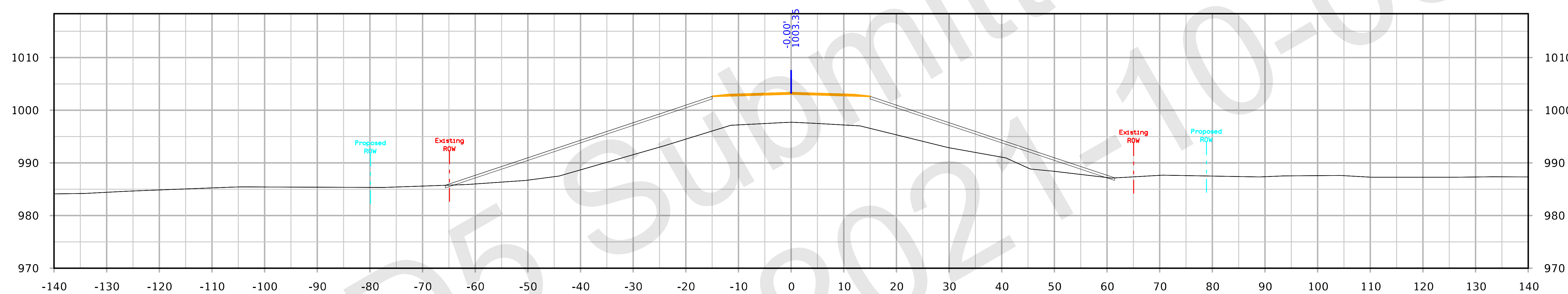
STA. 4709+00.00



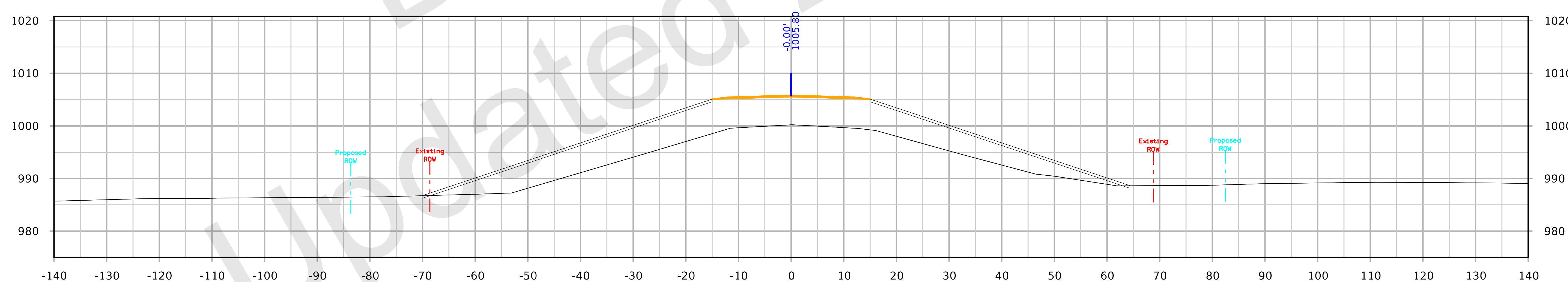
STA. 4708+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.312

158th Ave



STA. 4710+00.00

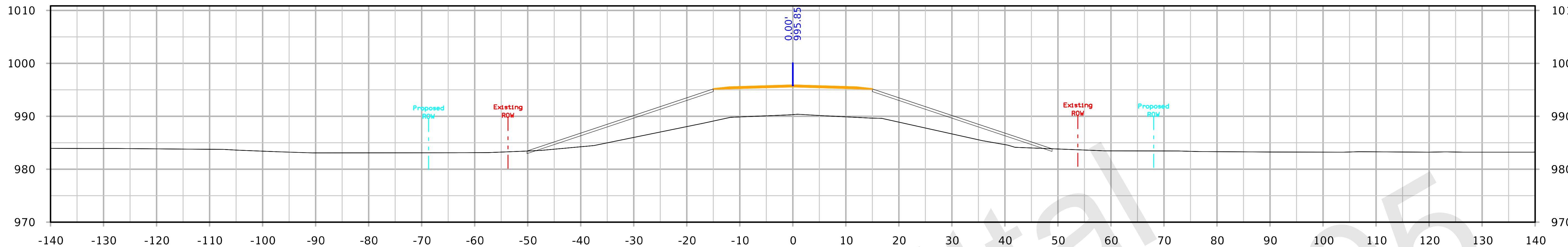


STA. 4709+50.00

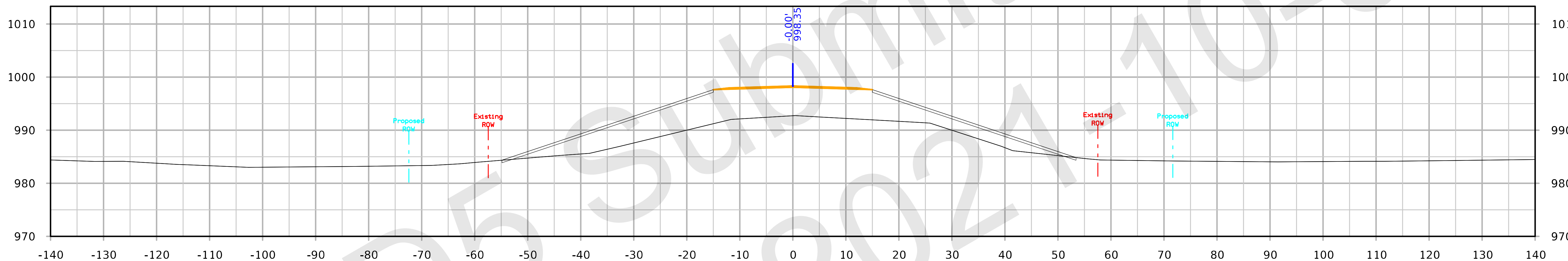
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.313

2:23:58 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR158_77035309Z08.dgn

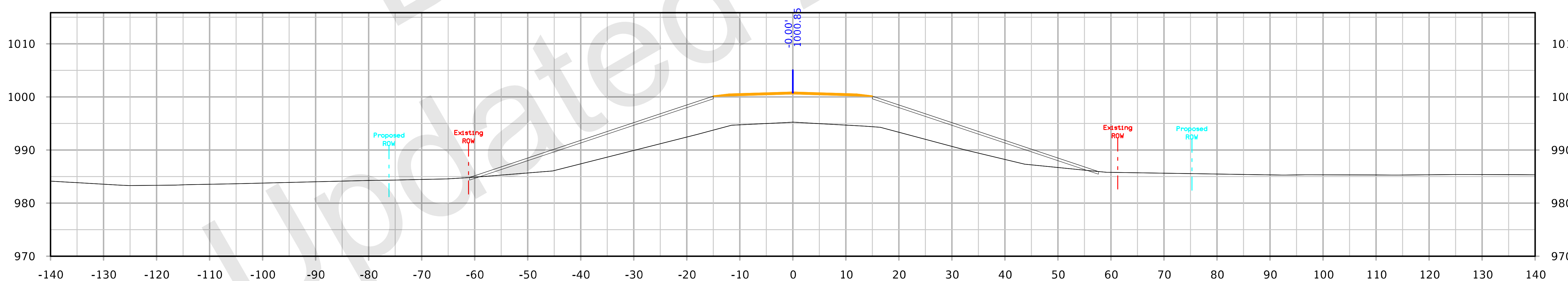
158th Ave



STA. 4711+50.00



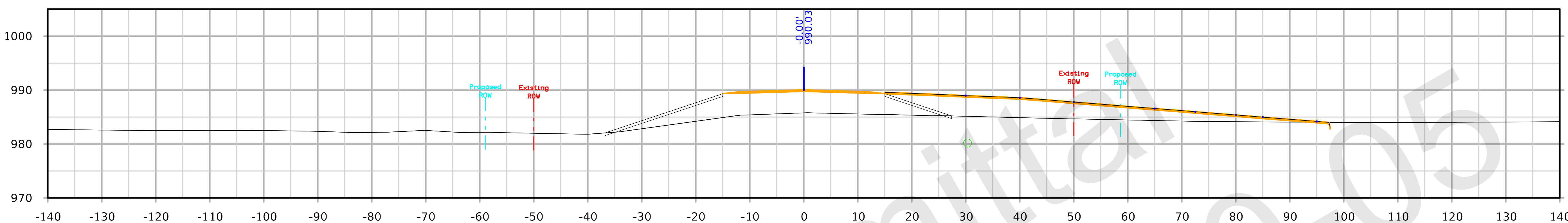
STA. 4711+00.00



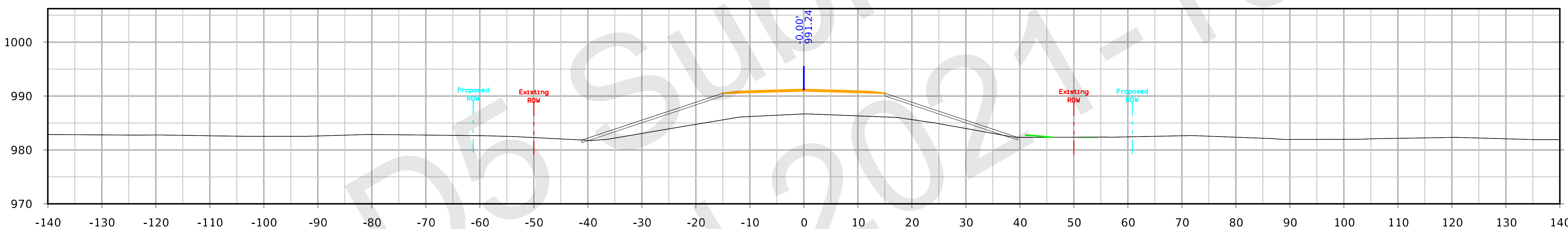
STA. 4710+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.314

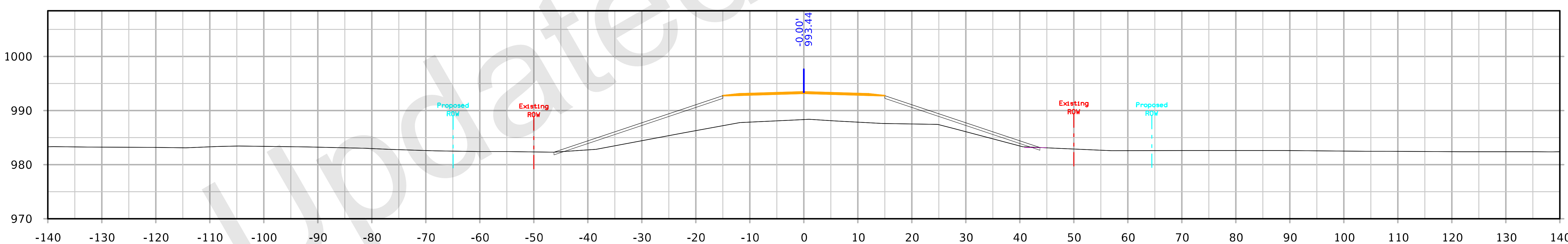
158th Ave



STA. 4712+80.00



STA. 4712+50.00

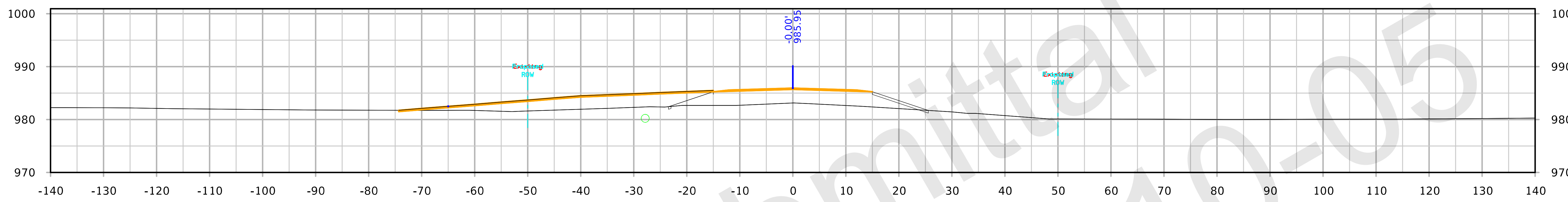


STA. 4712+00.00

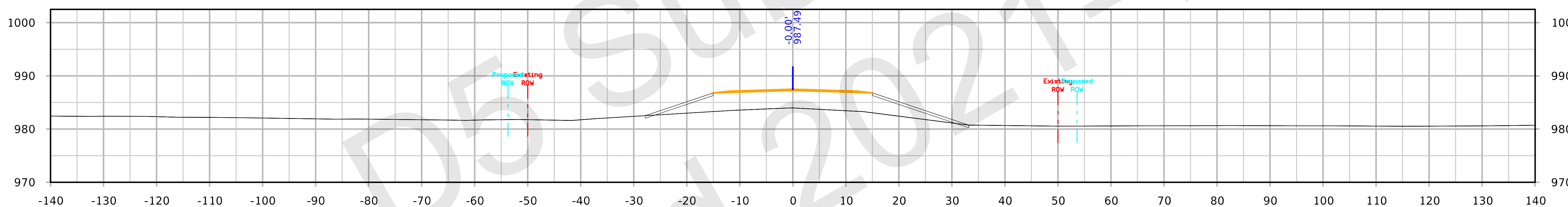
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.315

2:25:04 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR158_77035309Z08.dgn

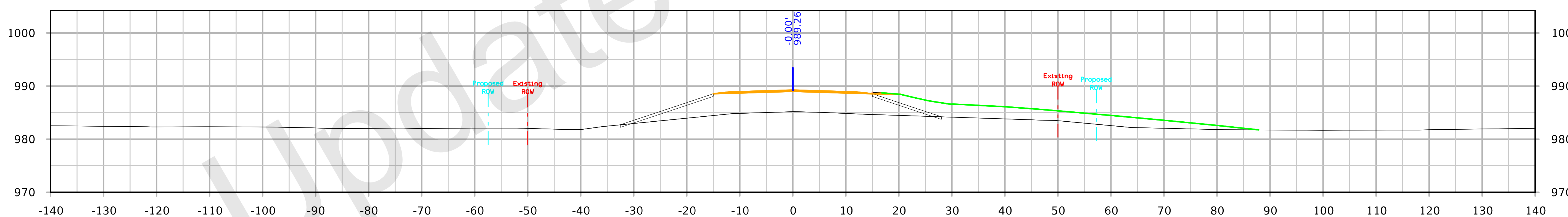
158th Ave



STA. 4714+00.00



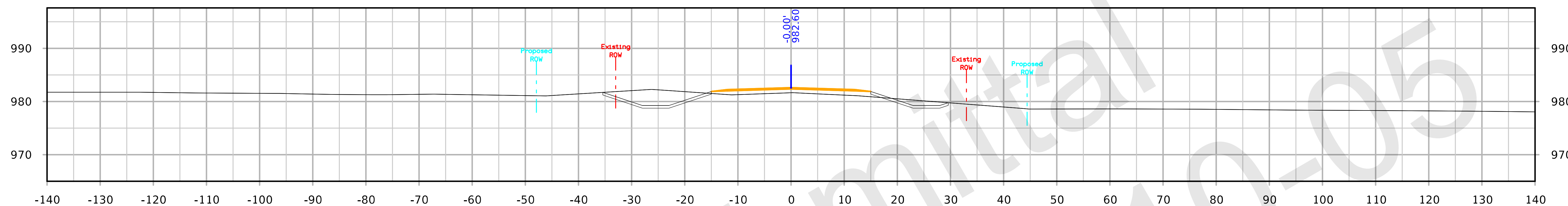
STA. 4713+50.00



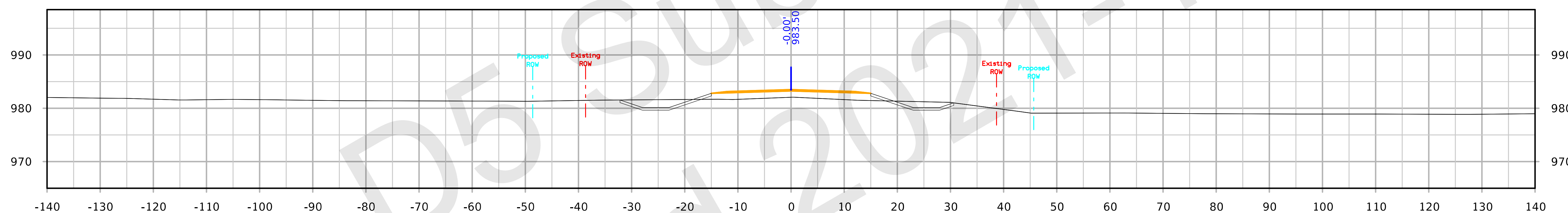
STA. 4713+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.316

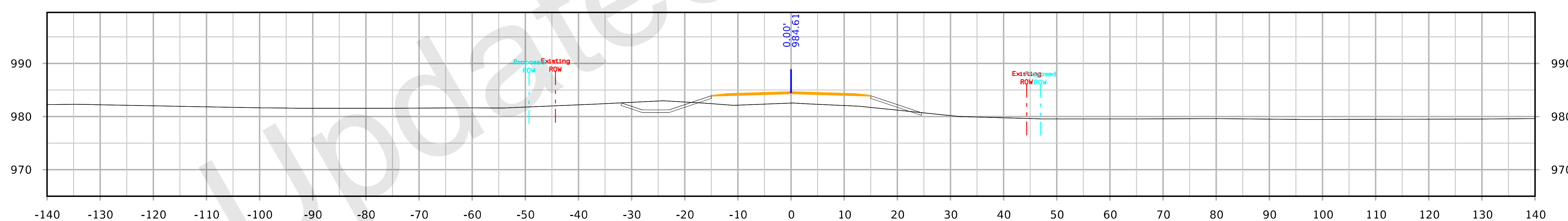
158th Ave



STA. 4715+50.00



STA. 4715+00.00

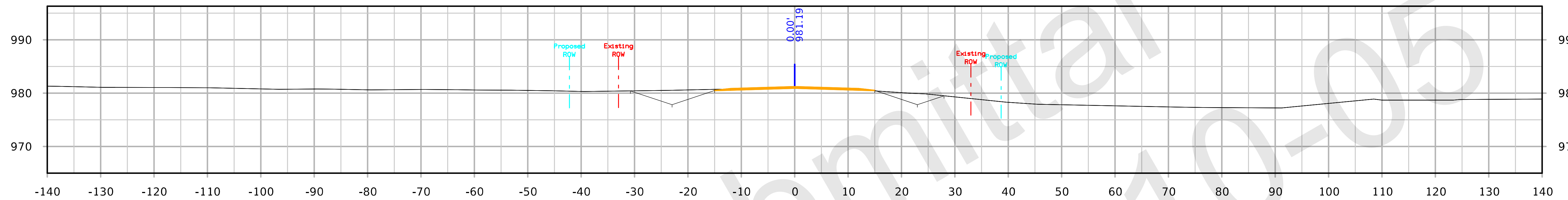


STA. 4714+50.00

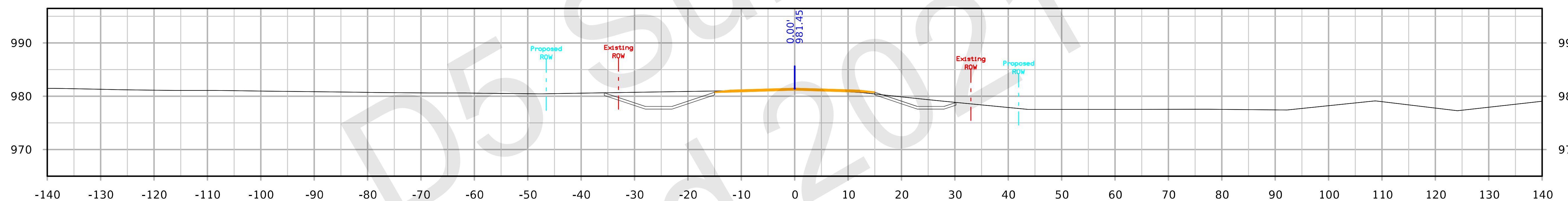
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.317

2:26:09 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR158_77035309Z08.dgn

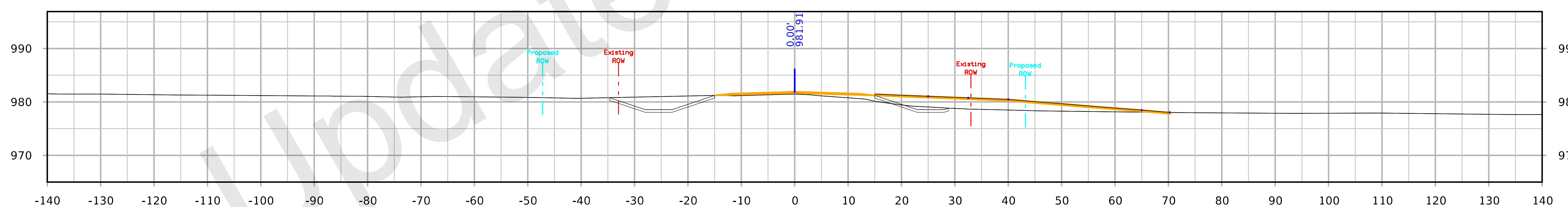
158th Ave



STA. 4717+00.00



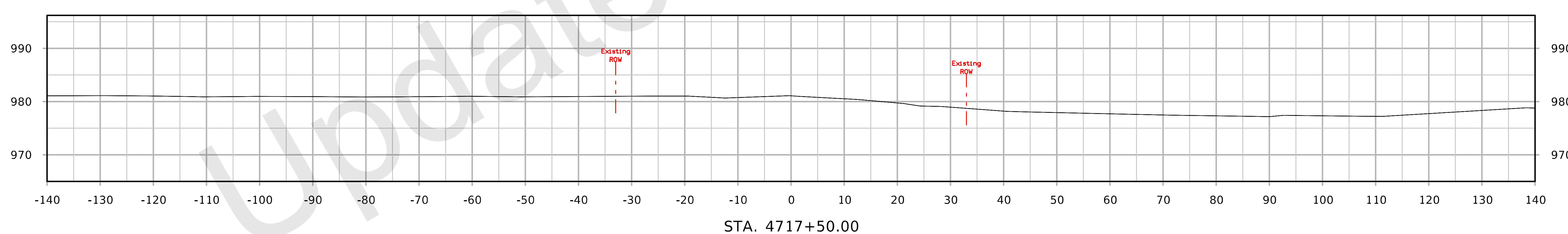
STA. 4716+50.00



STA. 4716+00.00

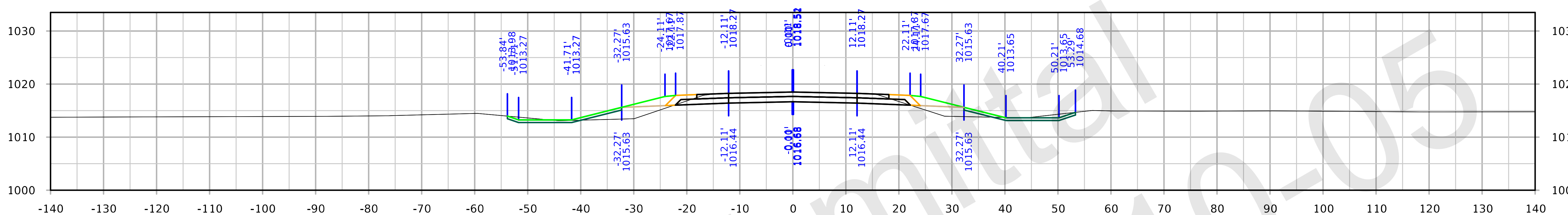
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.318

158th Ave

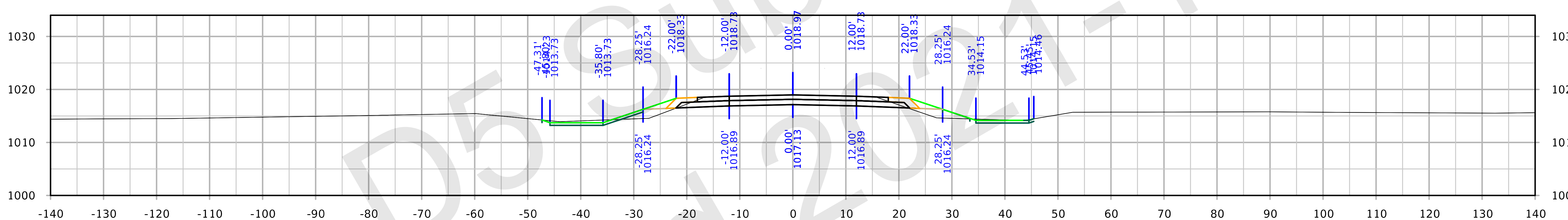


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.319

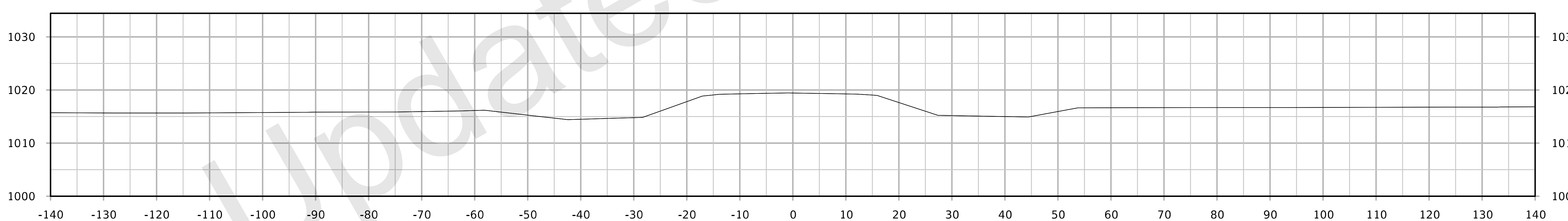
IA 210



STA. 1034+00.00



STA. 1033+50.00

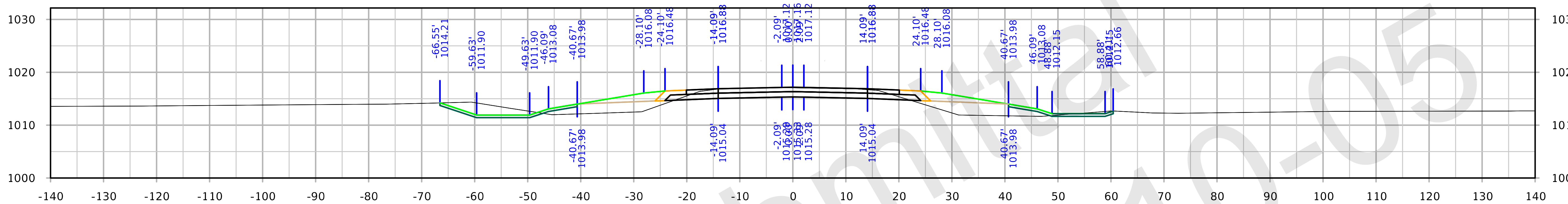


STA. 1033+00.00

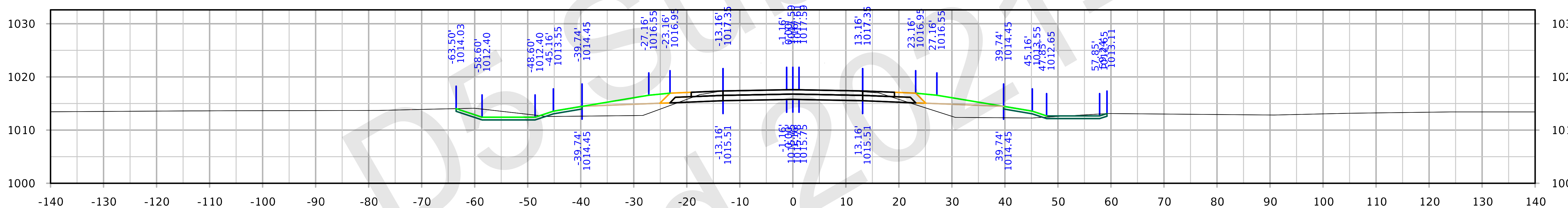
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.400

3:15:56 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn

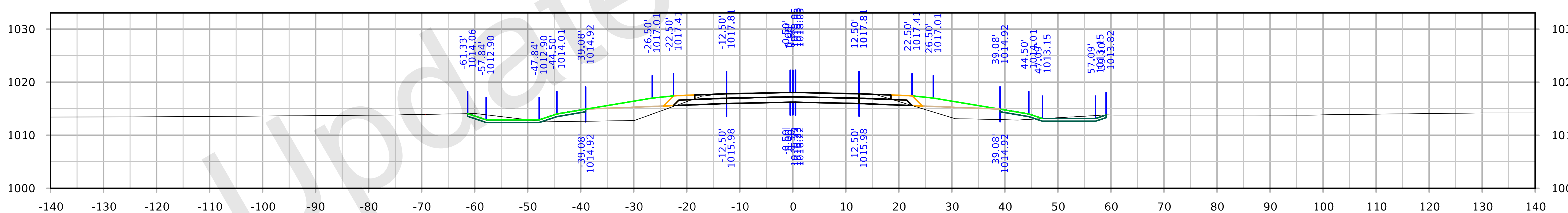
IA 210



STA. 1035+50.00

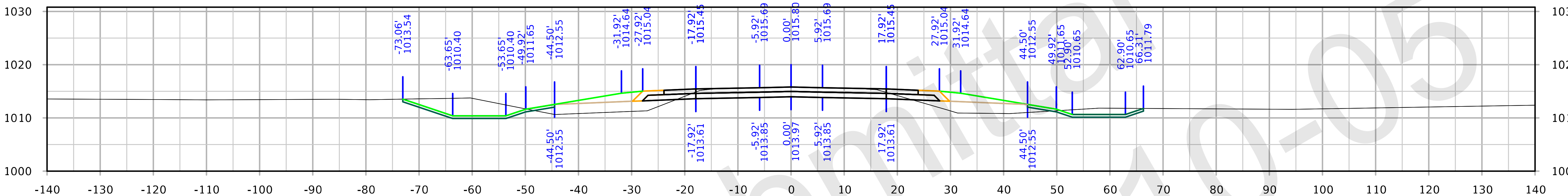


STA. 1035+00.00

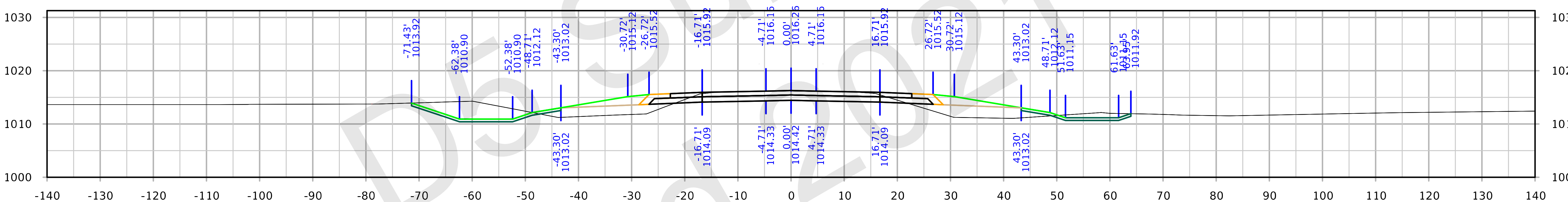


STA. 1034+50.00

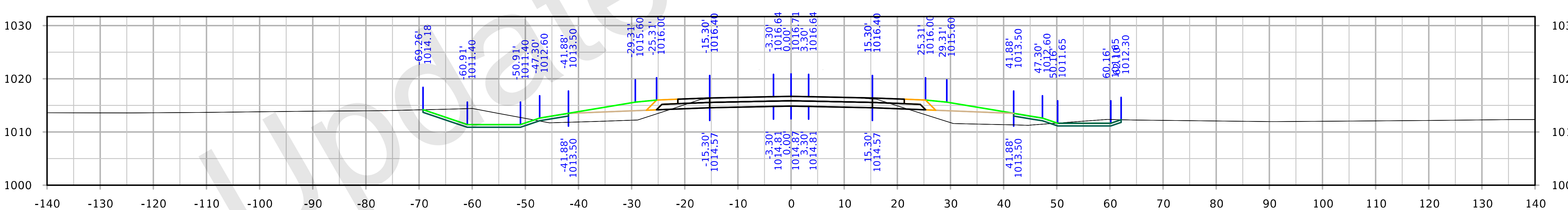
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.401



STA. 1037+00.00



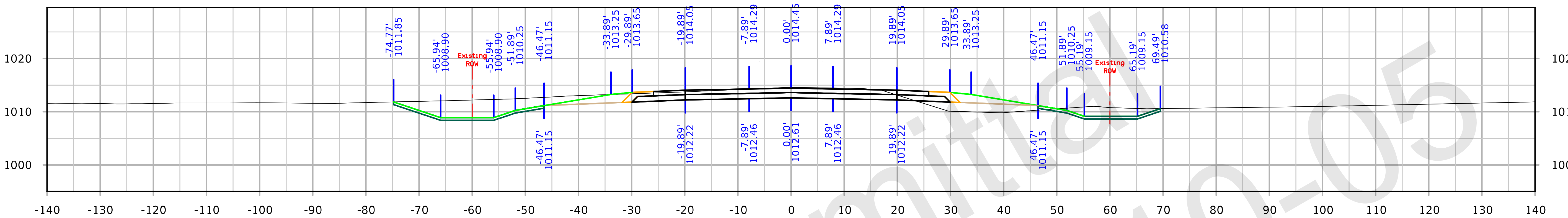
STA. 1036+50.00



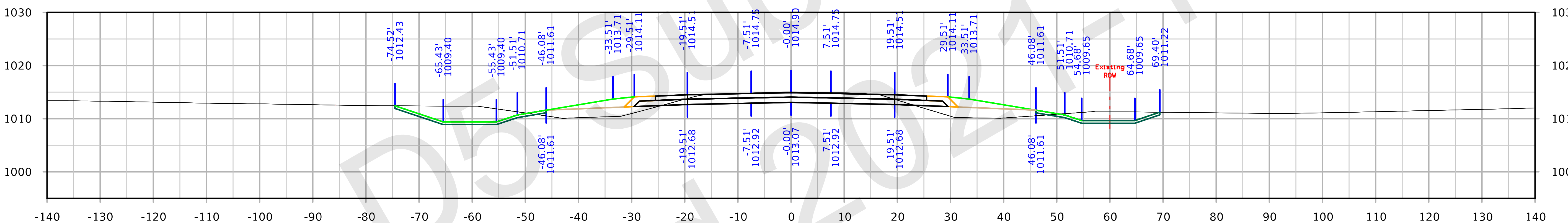
STA. 1036+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.402

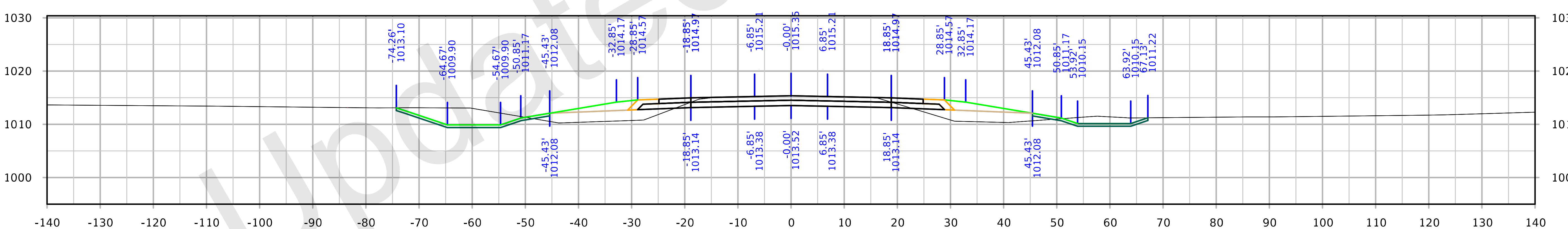
3:16:37 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn



STA. 1038+50.00



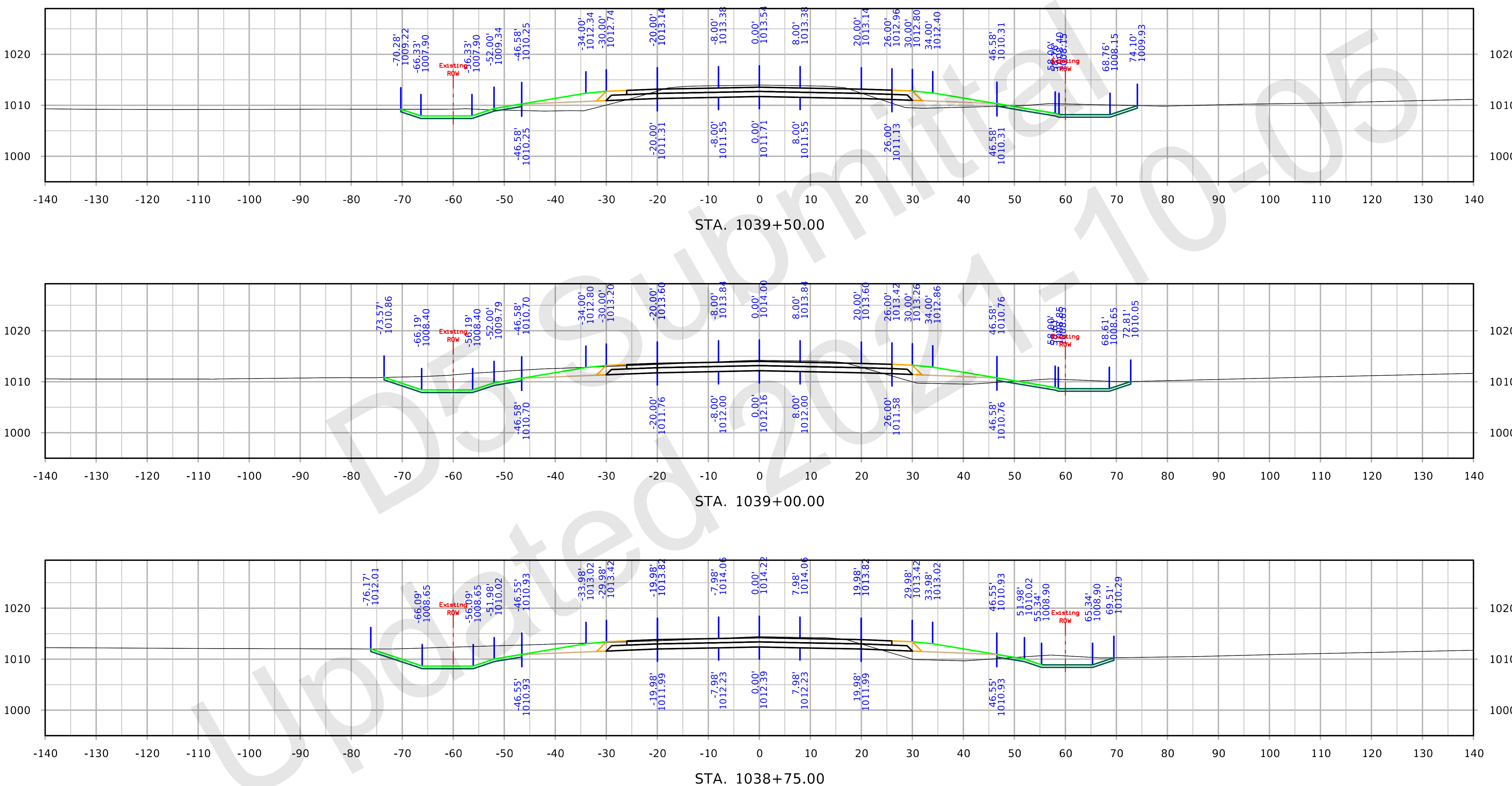
STA. 1038+00.00



STA. 1037+50.00

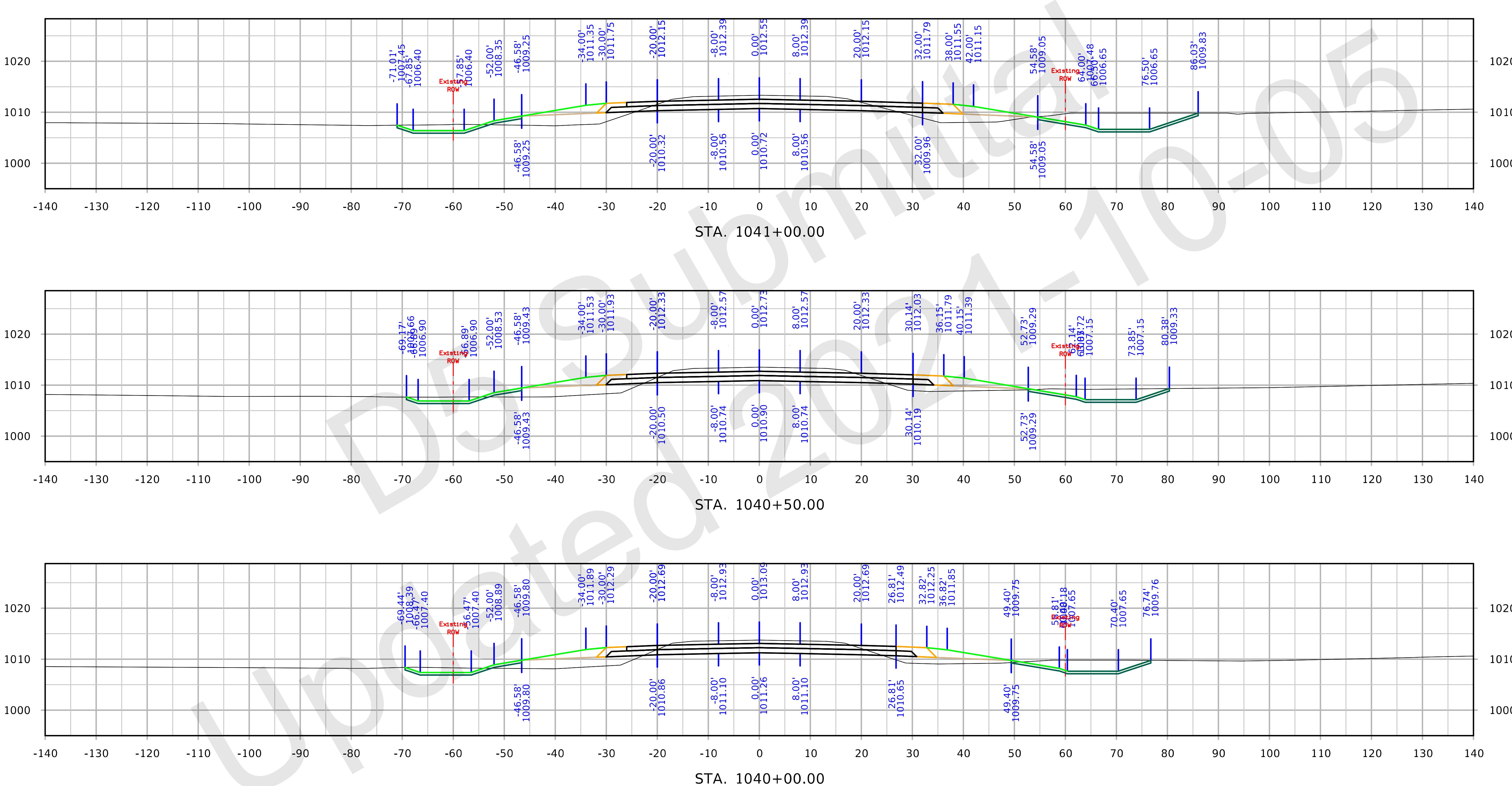
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell		POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER	X.403

IA 210

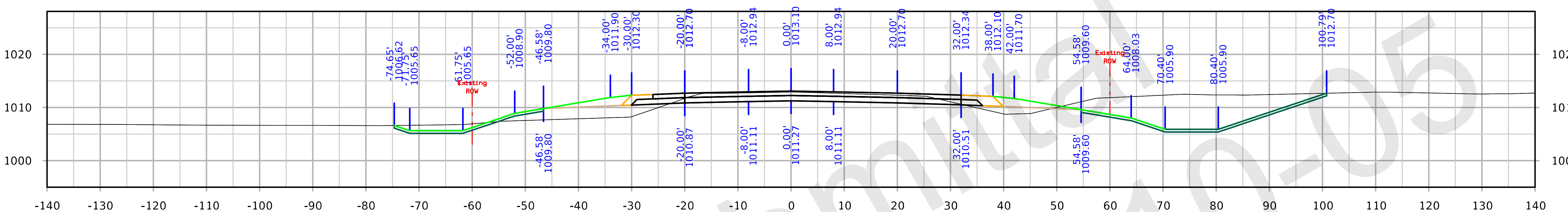


FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.404

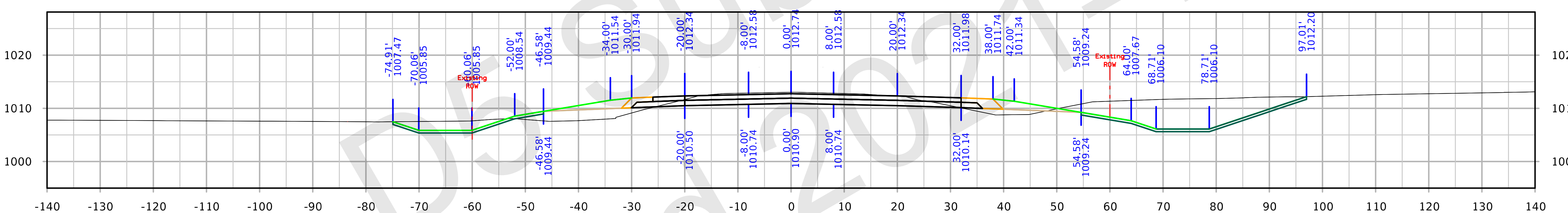
3:17:17 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn



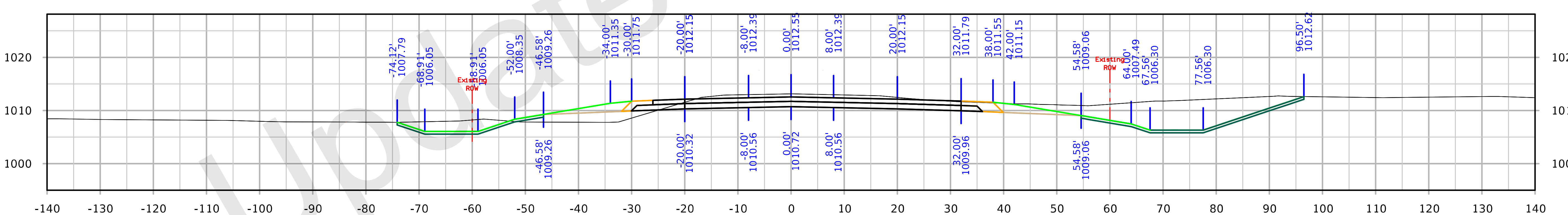
IA 210



STA. 1042+50.00



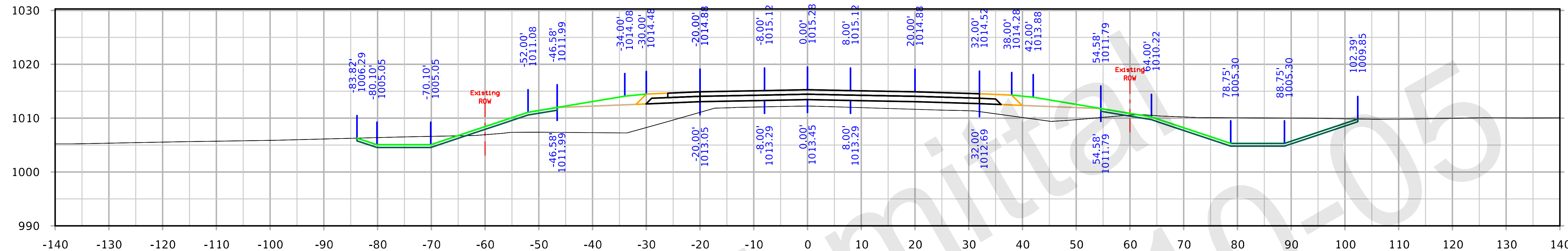
STA. 1042+00.00



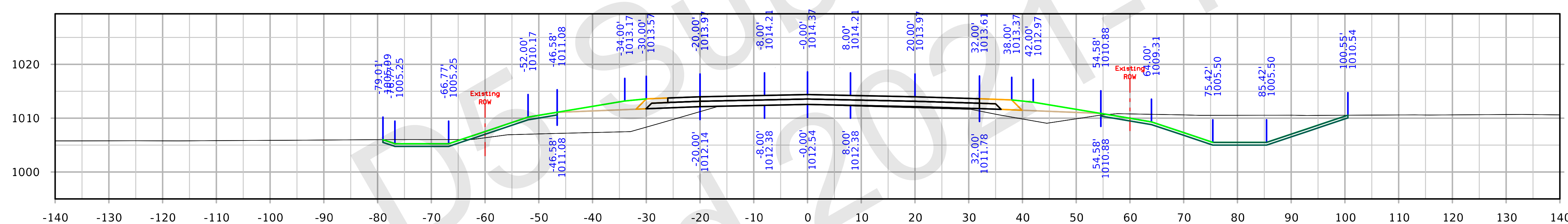
STA. 1041+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.406

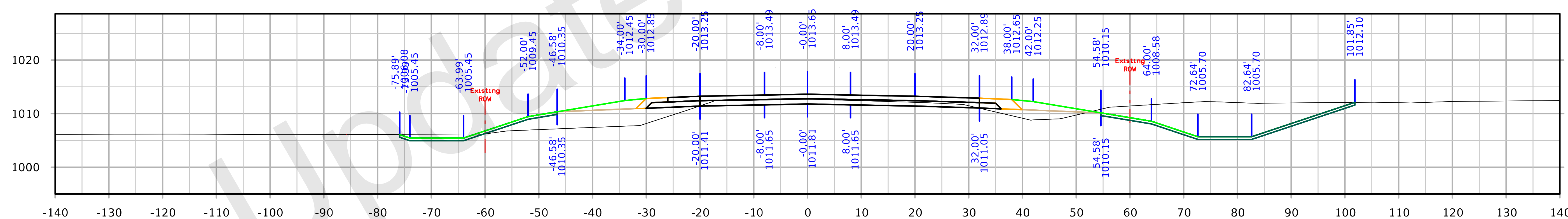
3:17:57 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn



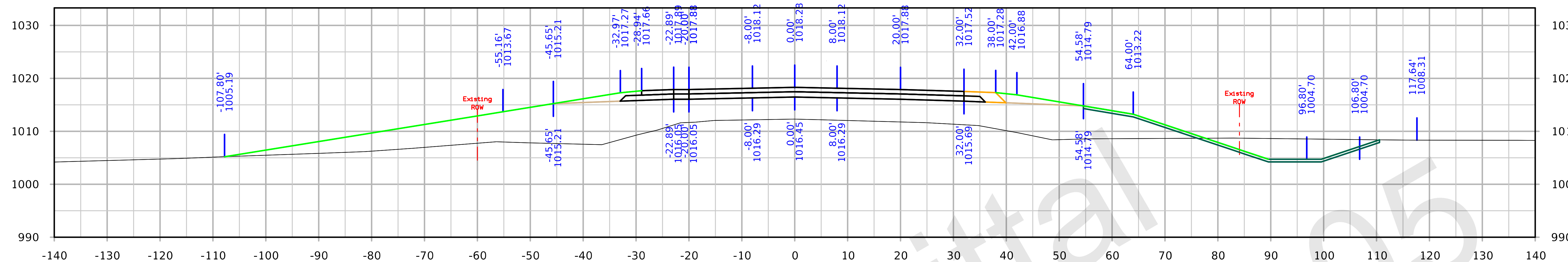
STA. 1044+00.00



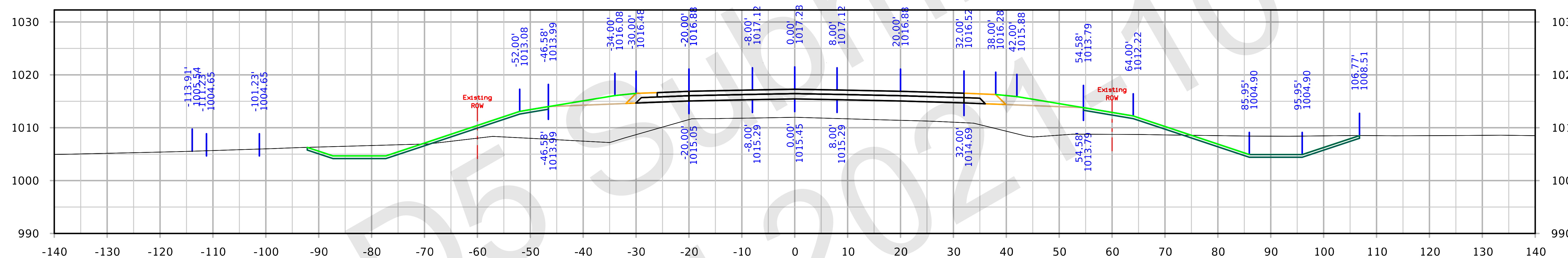
STA. 1043+50.00



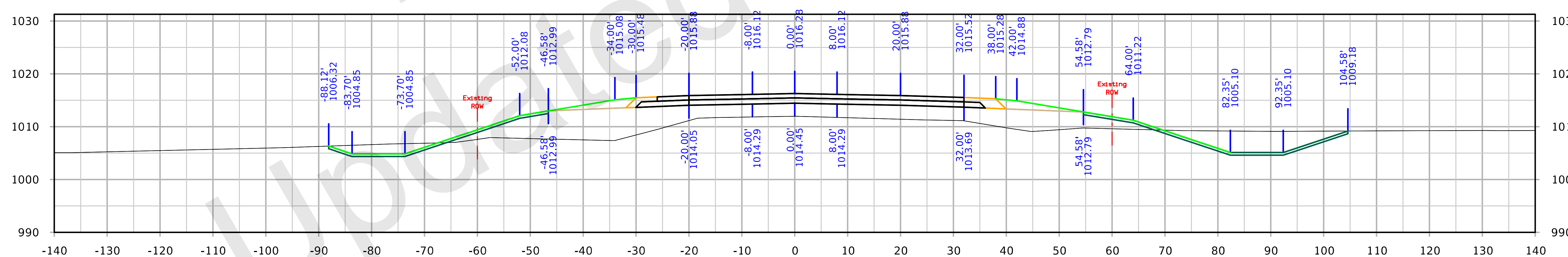
STA. 1043+00.00



STA. 1045+50.00



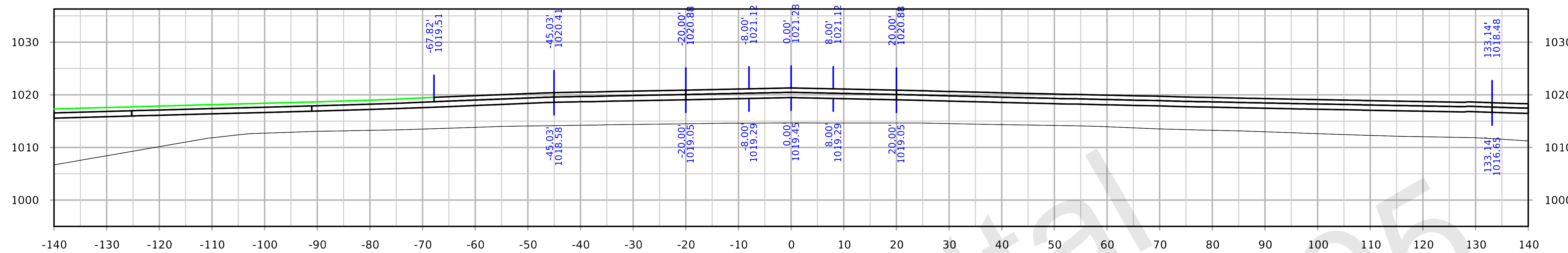
STA. 1045+00.00



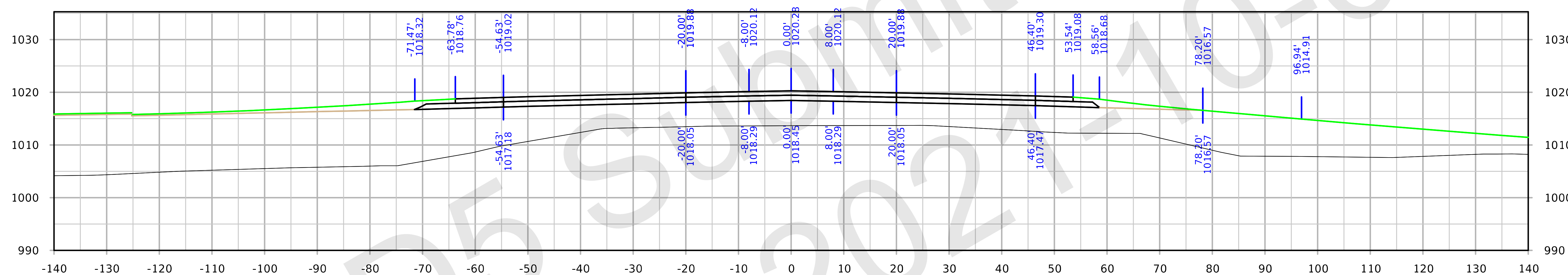
STA. 1044+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.408

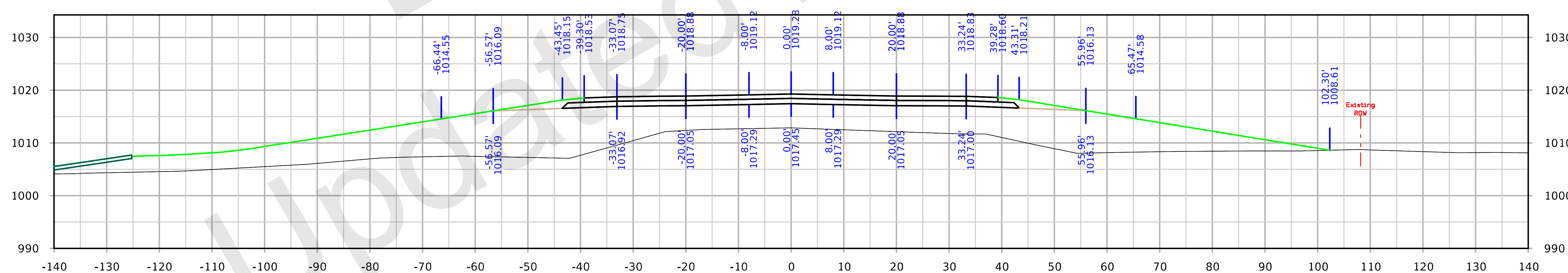
3:18:38 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn



STA. 1047+00.00



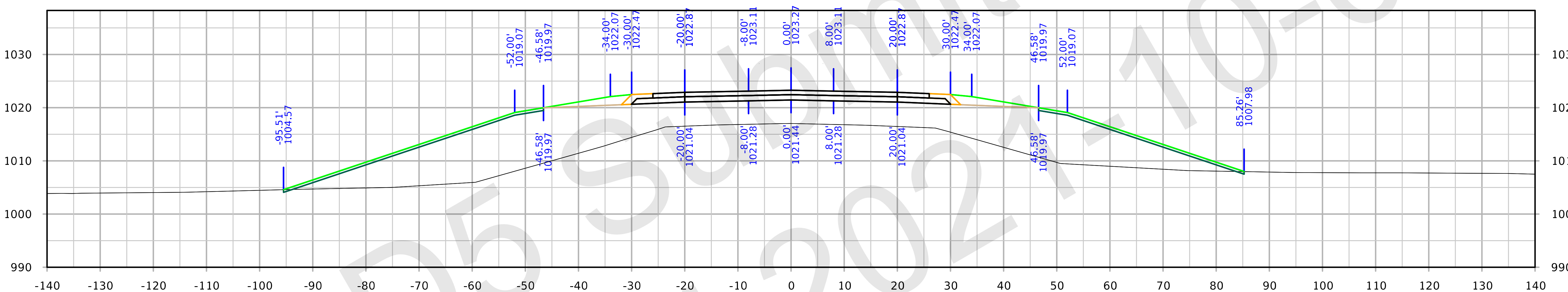
STA. 1046+50.00



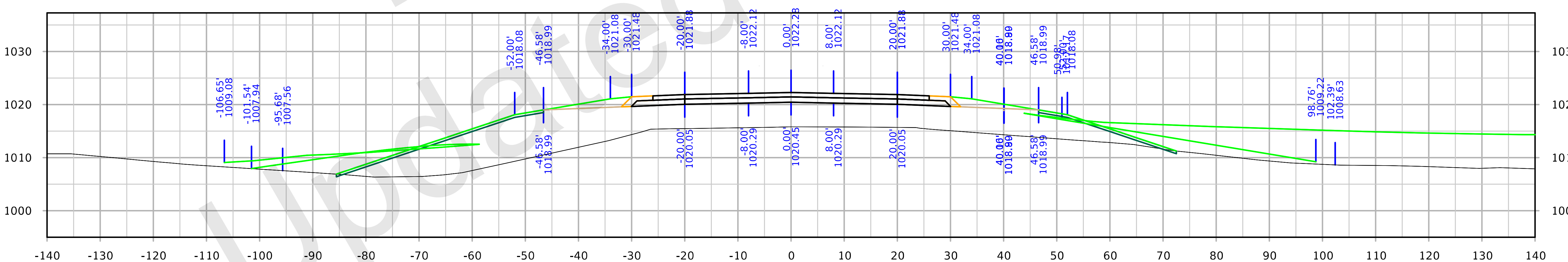
STA. 1046+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.409

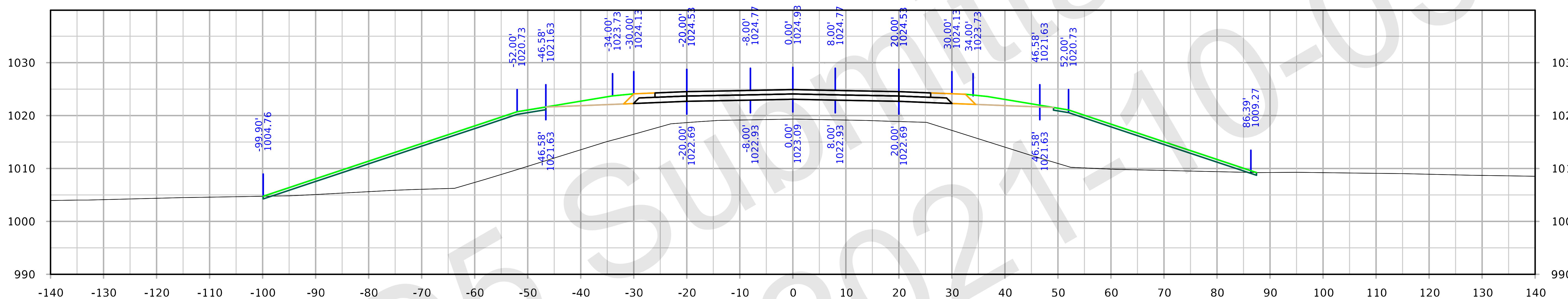
IA 210



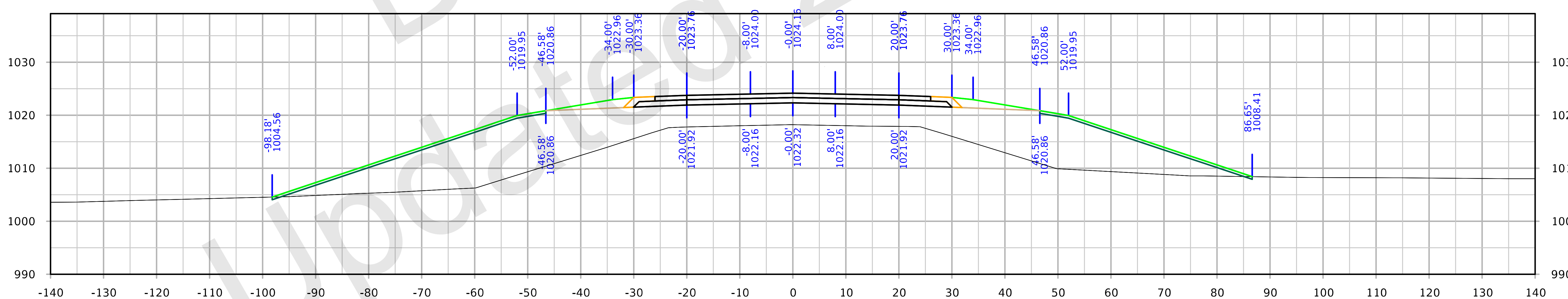
STA. 1048+00.00



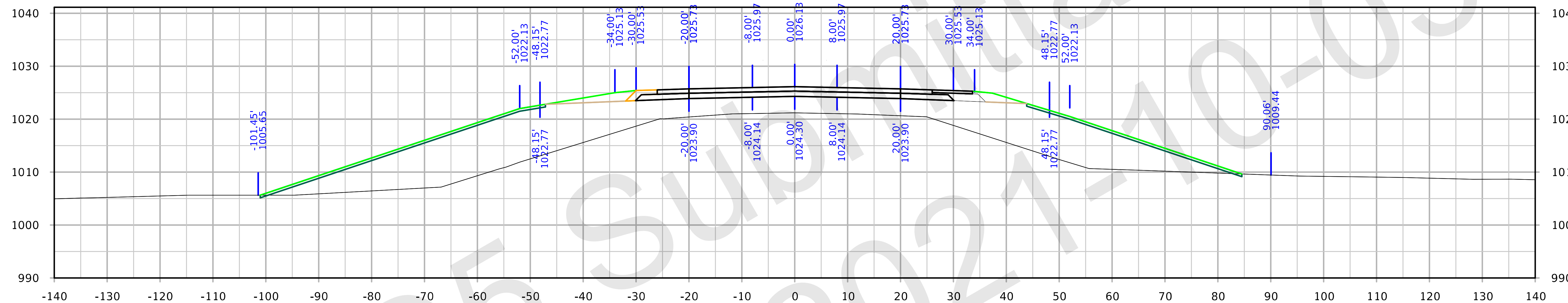
STA. 1047+50.00



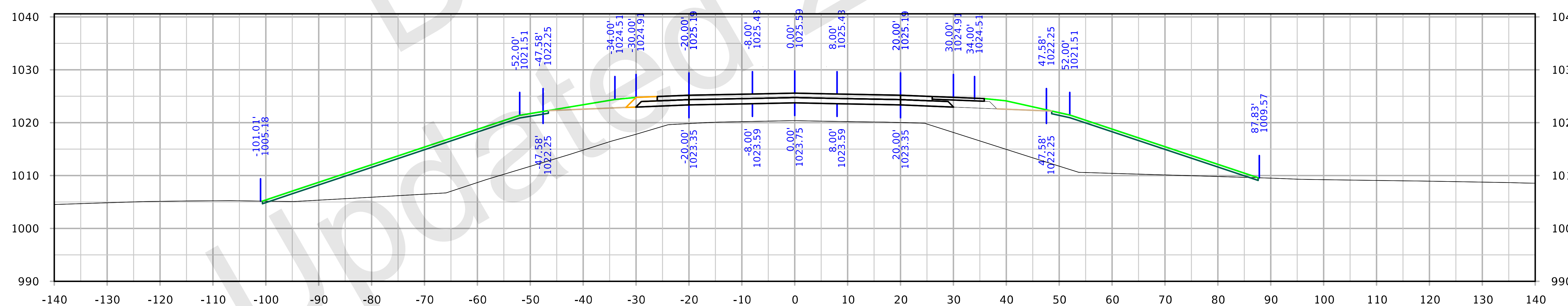
STA. 1049+00.00



STA. 1048+50.00

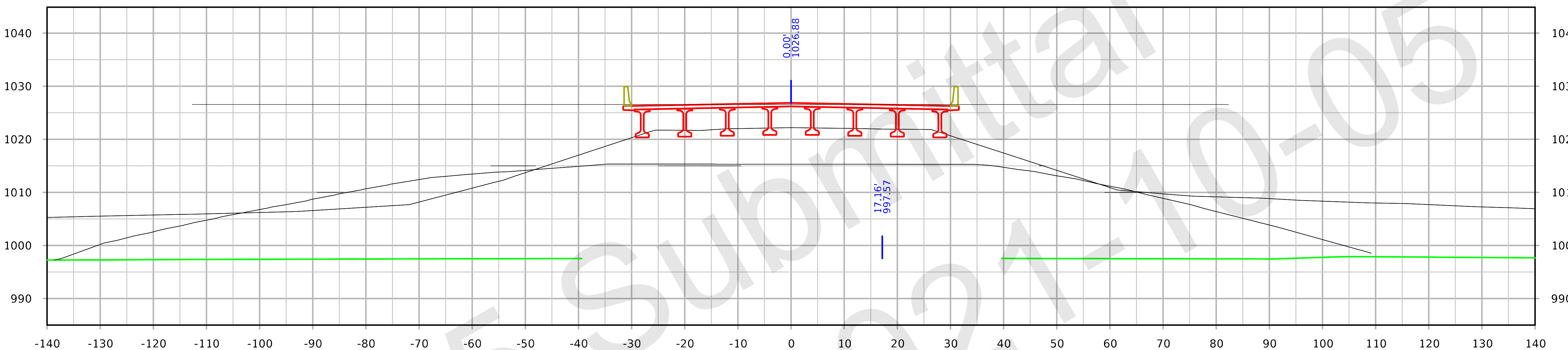


STA. 1050+00.00

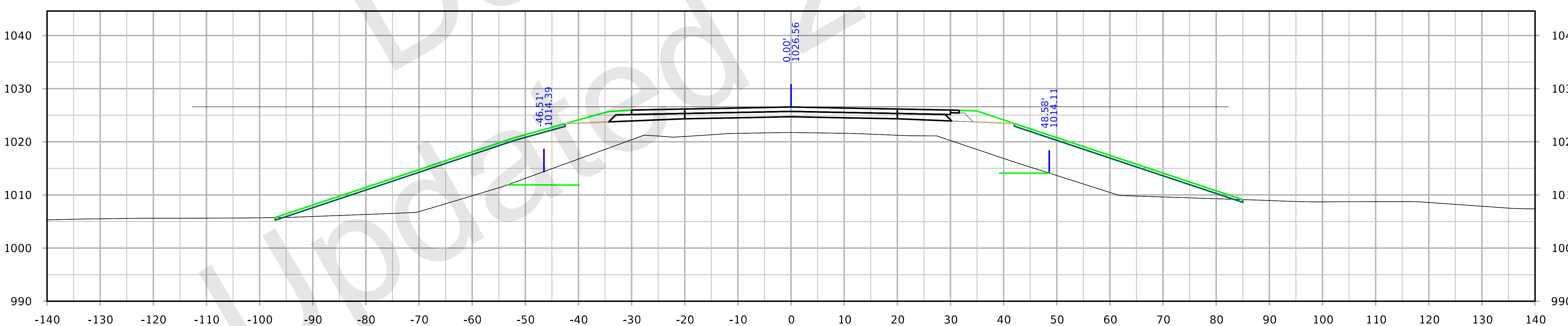


STA. 1049+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.412



STA. 1051+00.00

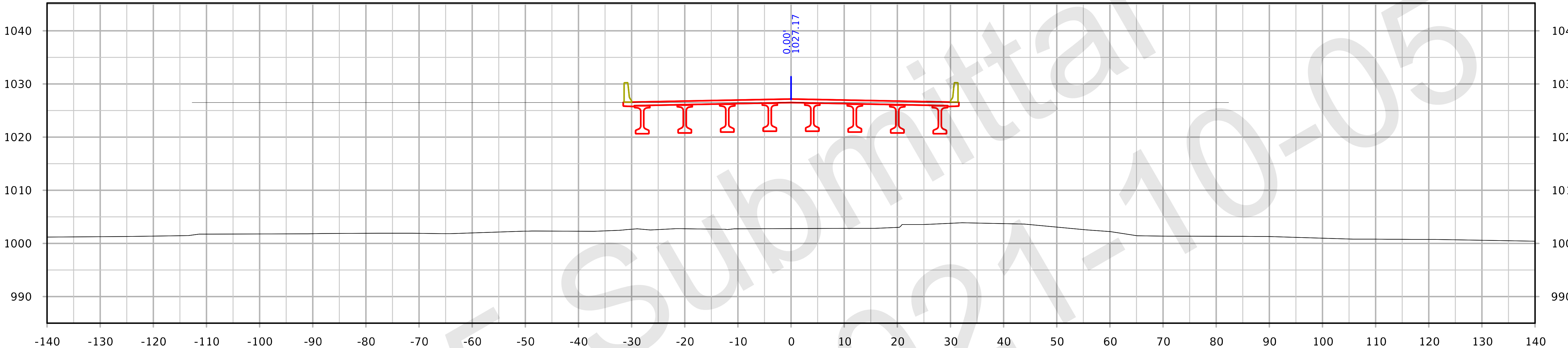


STA. 1050+50.00

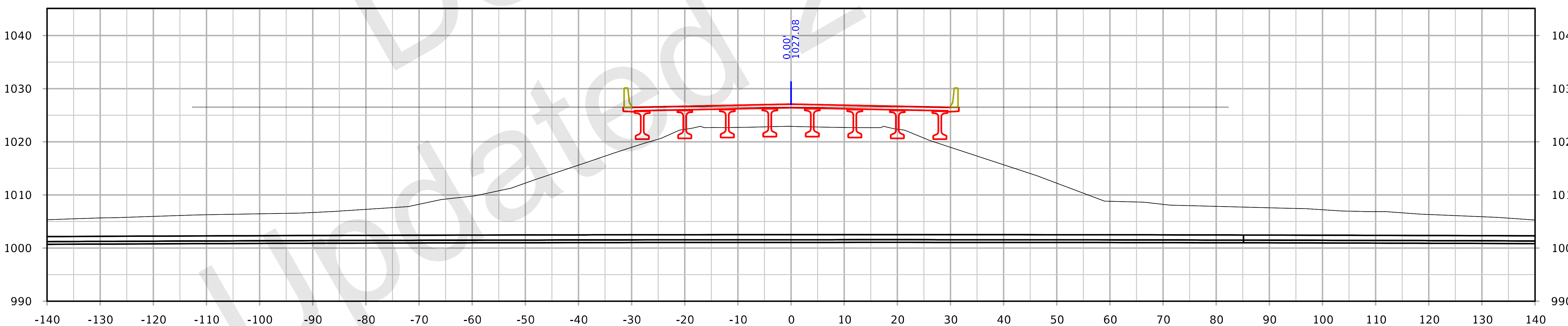
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.413

3:19:56 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn

IA 210



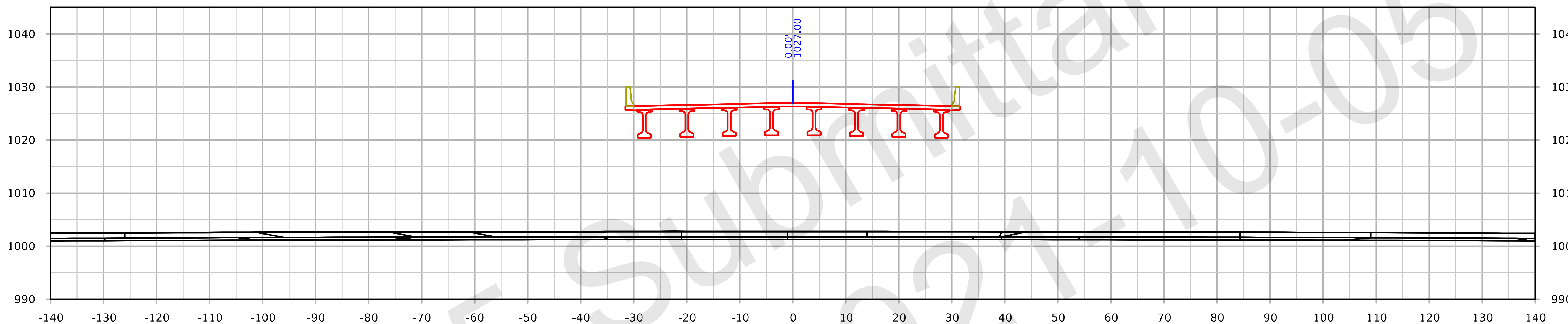
STA. 1052+00.00



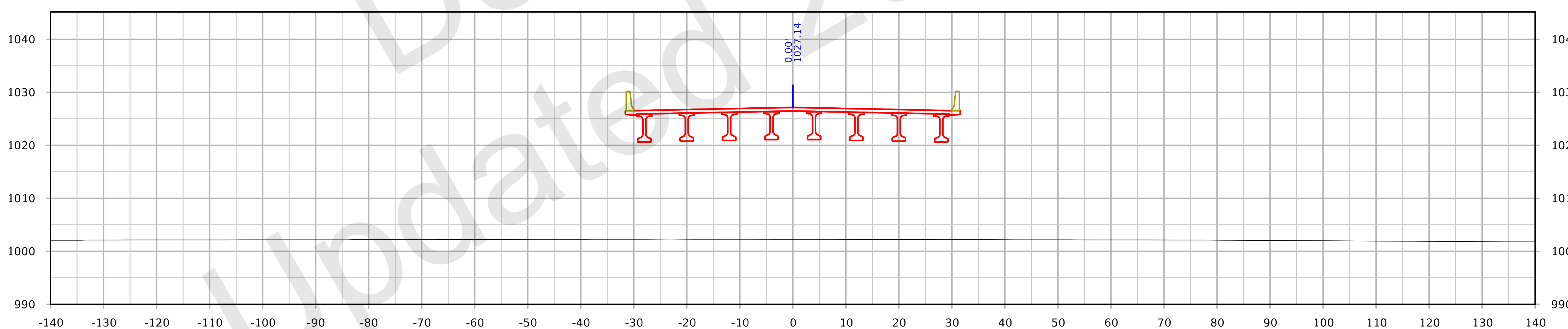
STA. 1051+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.414

3:20:10 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn



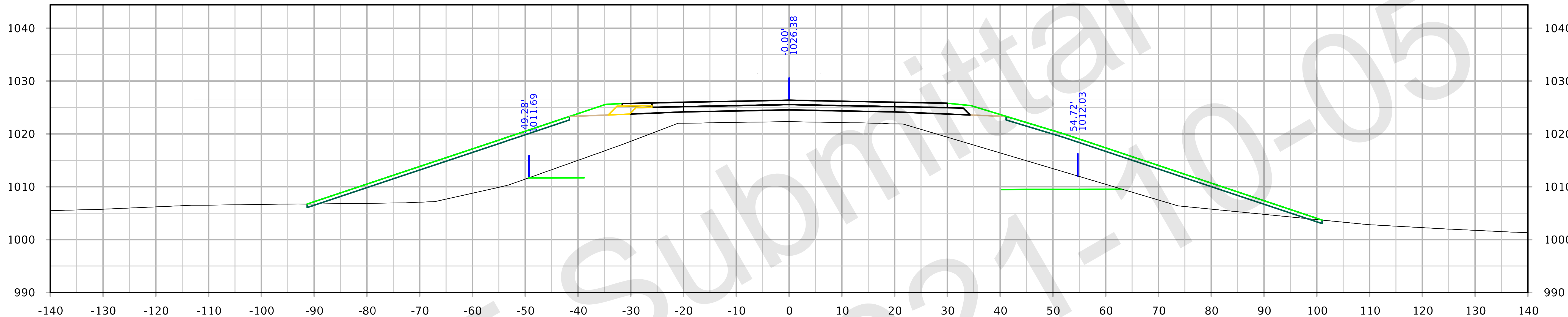
STA. 1053+00.00



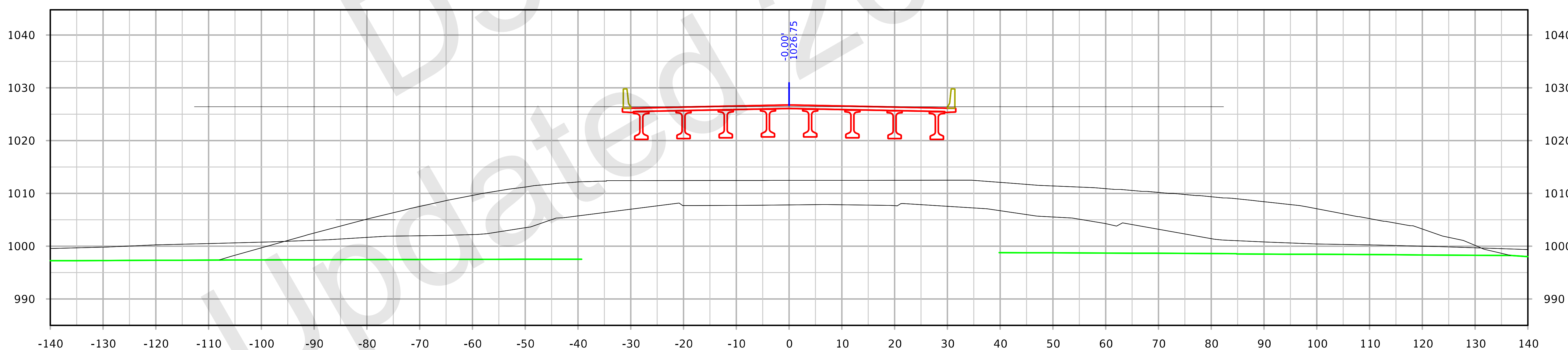
STA. 1052+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.415

IA 210

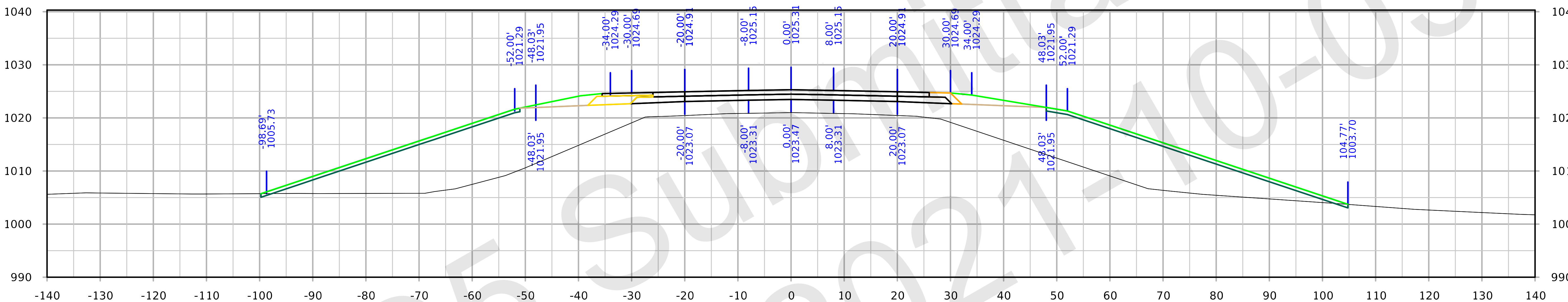


STA. 1054+00.00

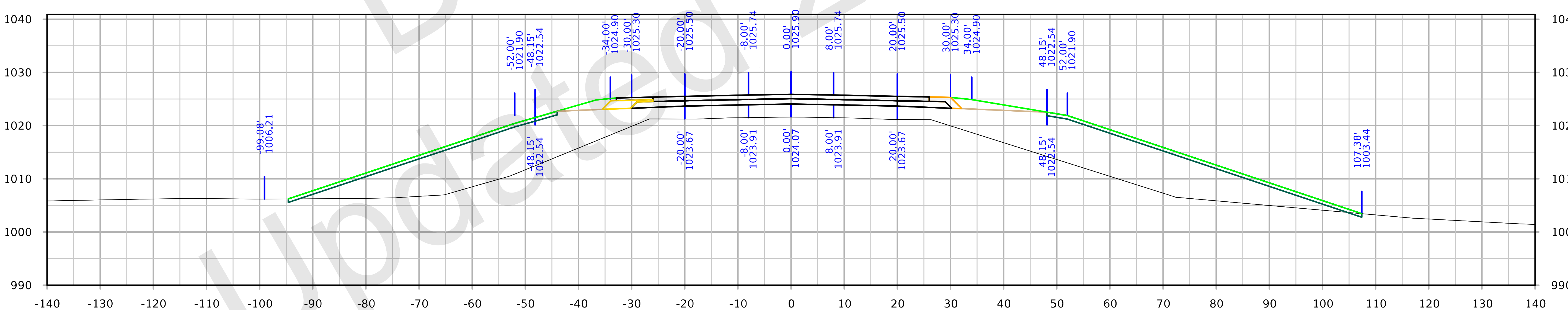


STA. 1053+50.00

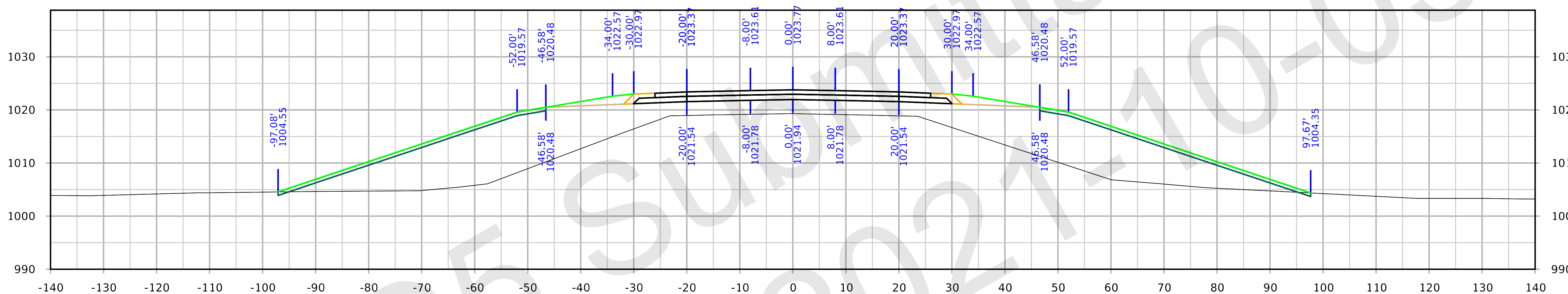
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.416



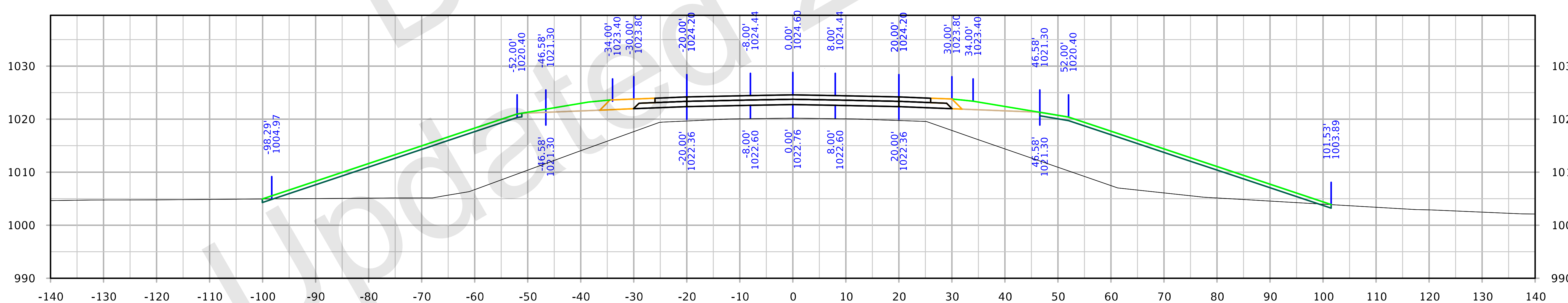
STA. 1055+00.00



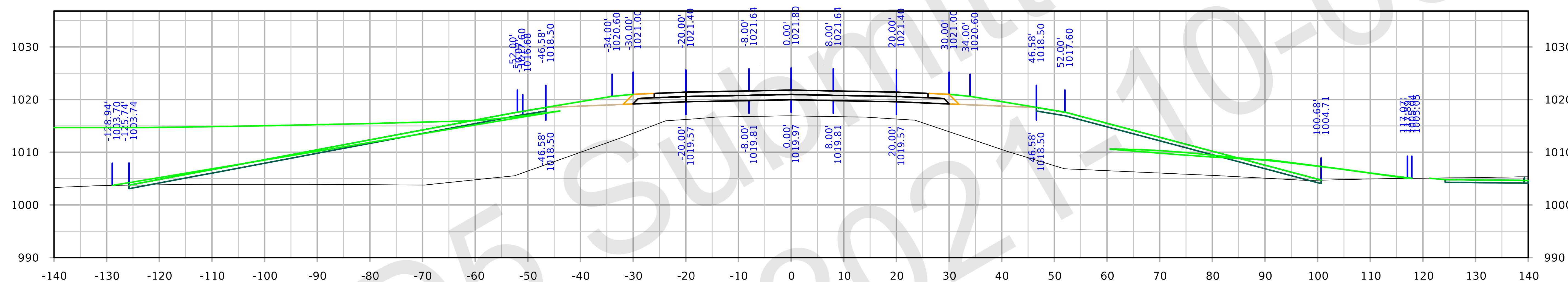
STA. 1054+50.00

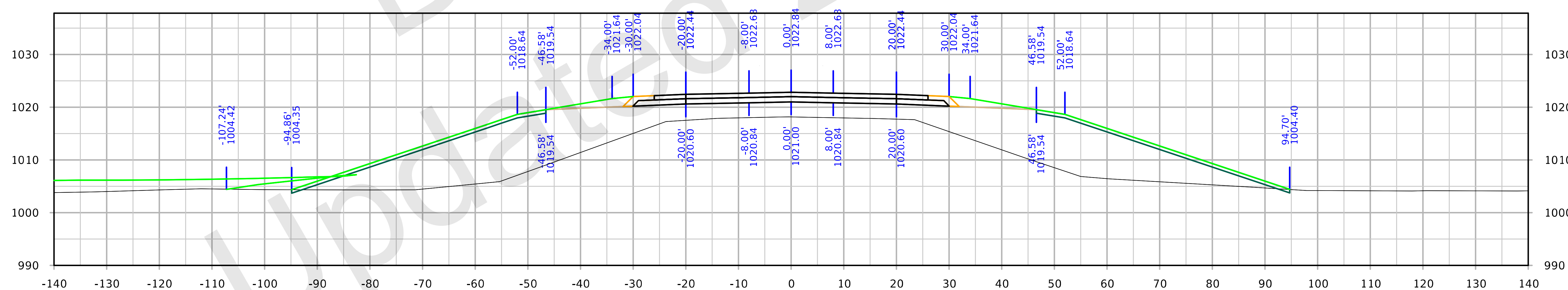


STA. 1056+00.00



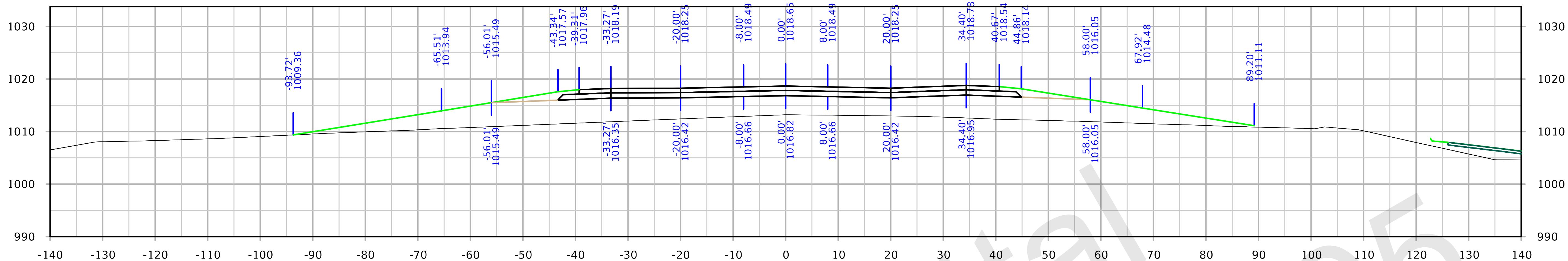
STA. 1055+50.00



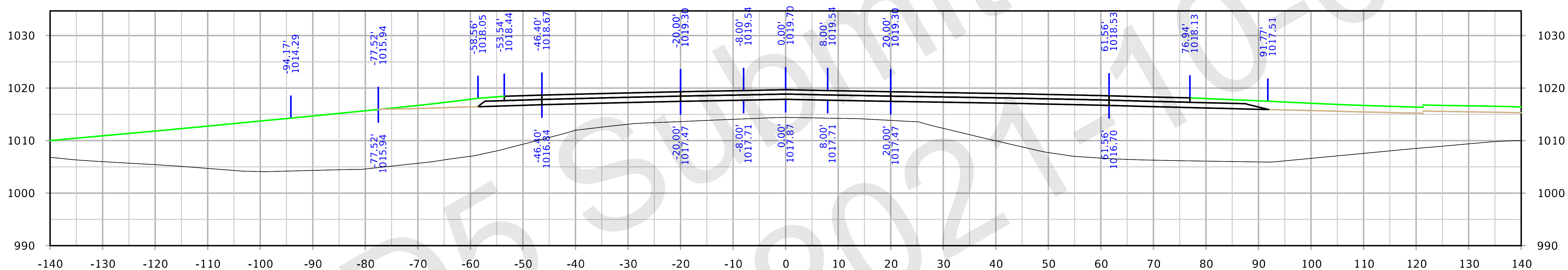


FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.419

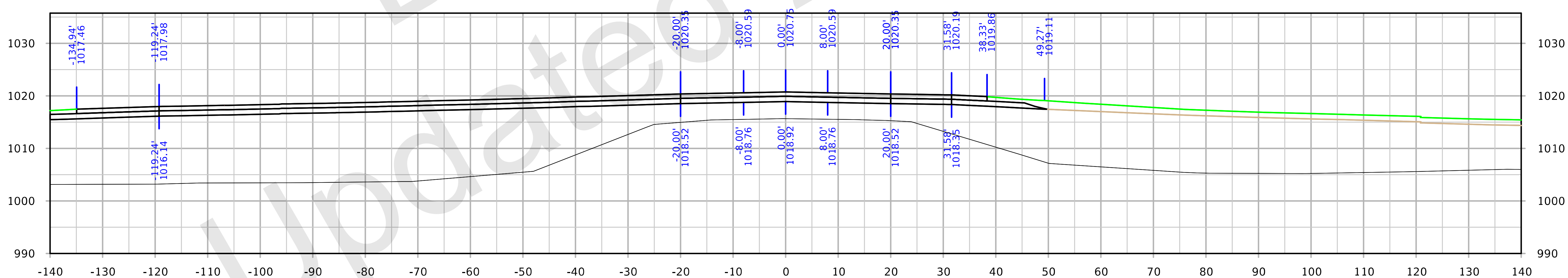
IA 210



STA. 1058+50.00



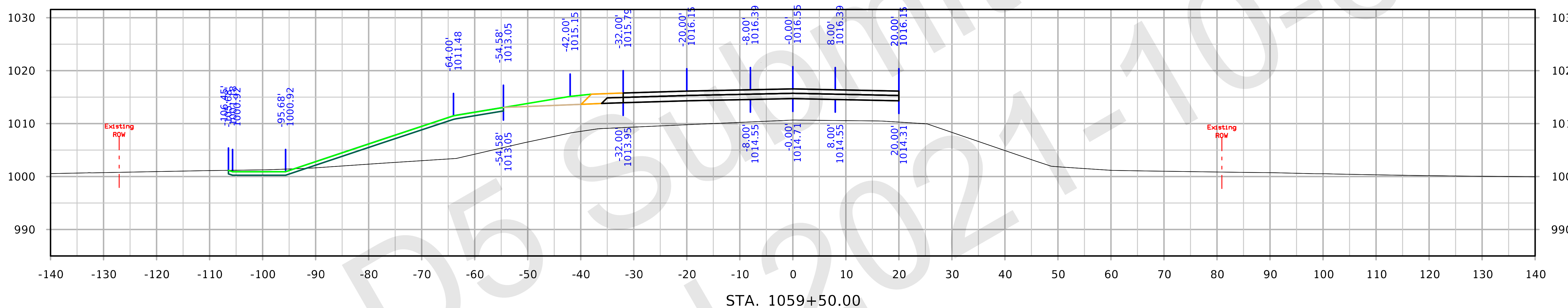
STA. 1058+00.00

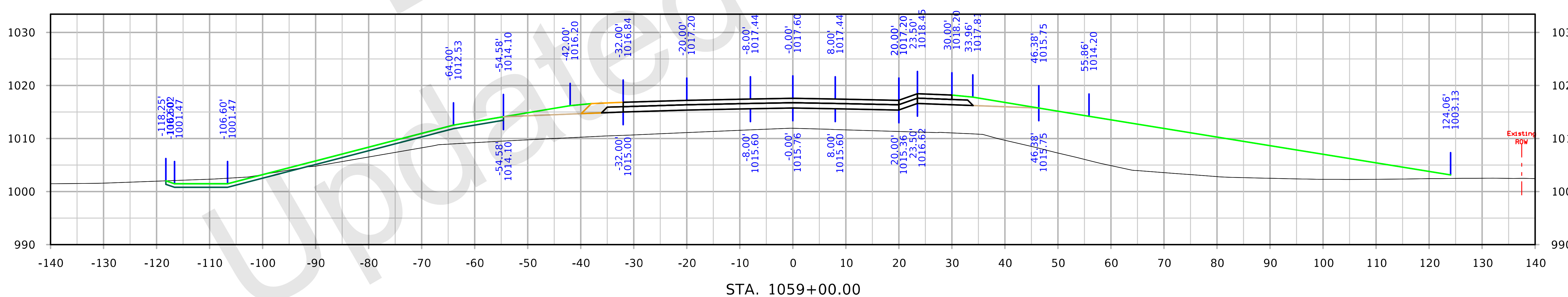


STA. 1057+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.420

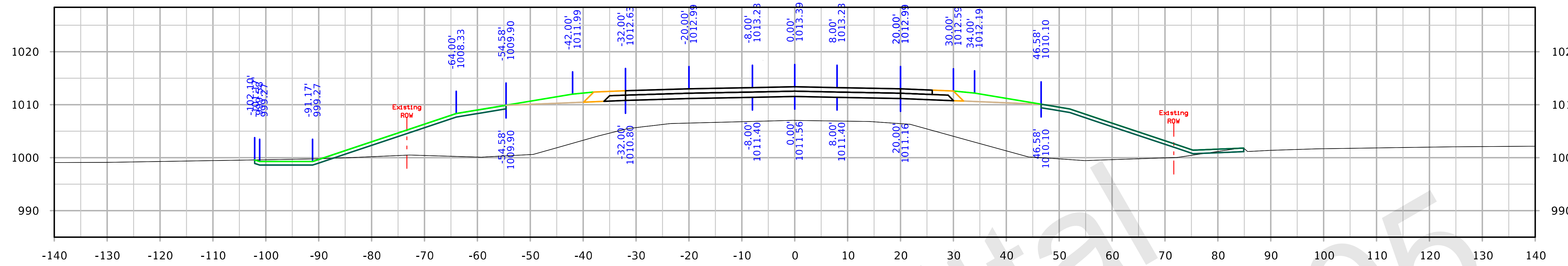
3:21:44 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn



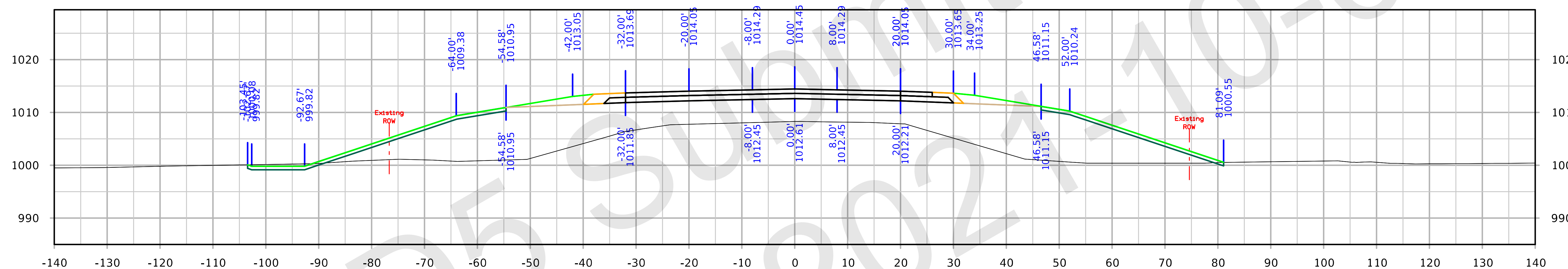


FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.421

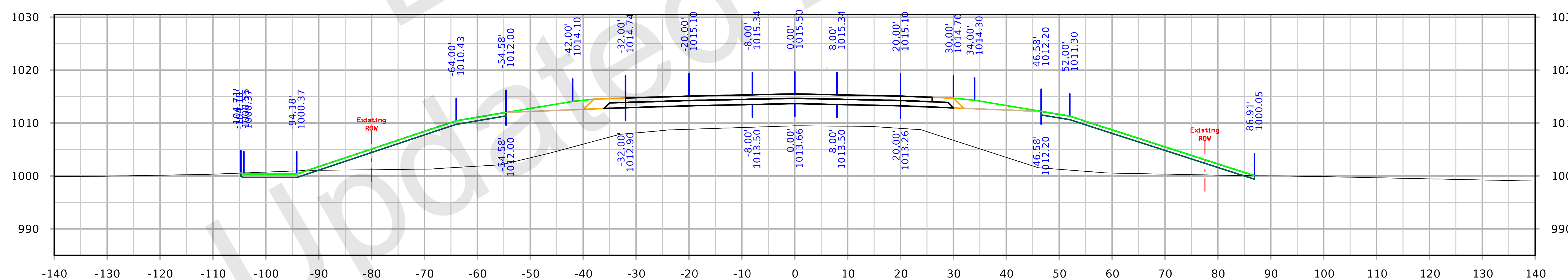
IA 210



STA. 1061+00.00



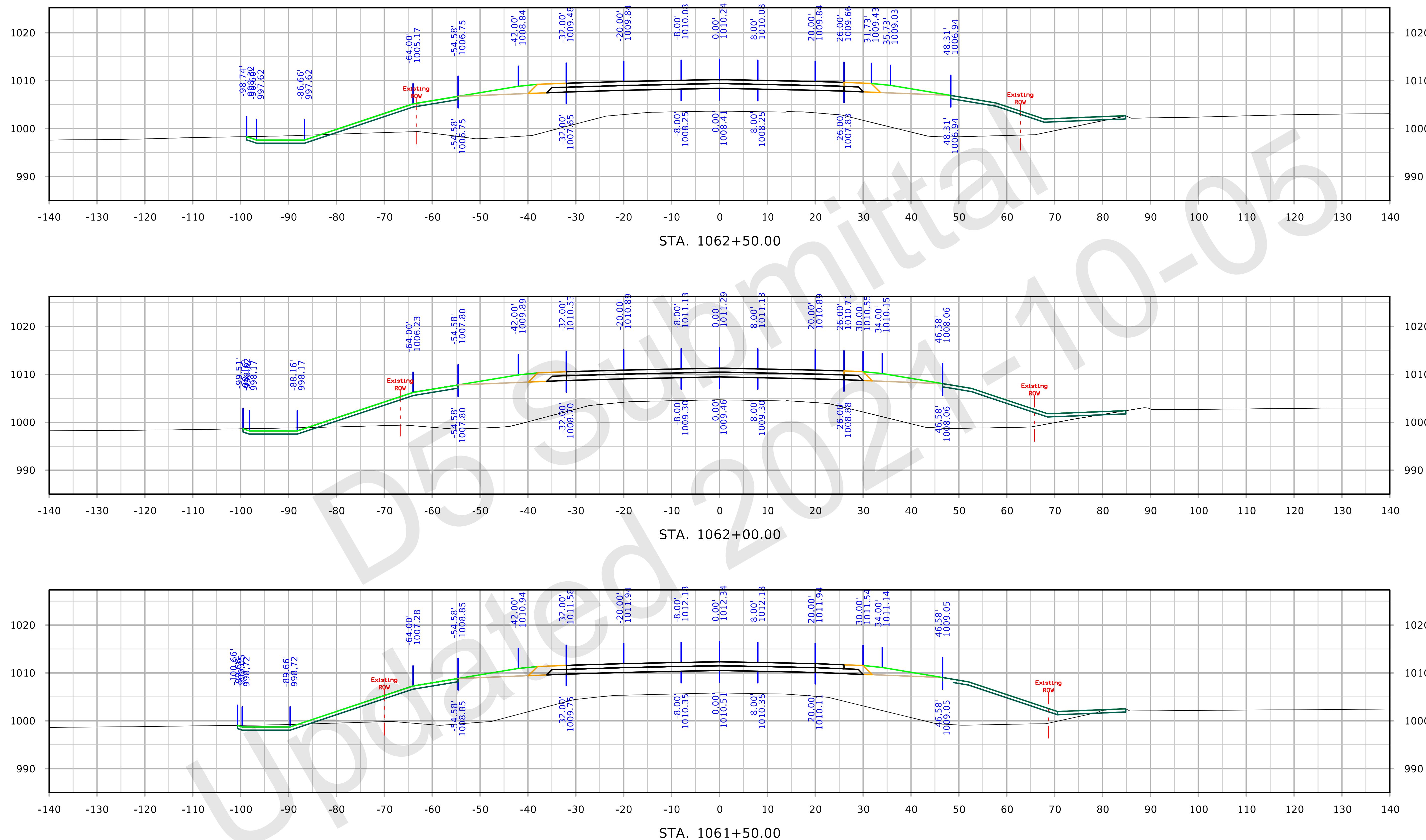
STA. 1060+50.00



STA. 1060+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.422

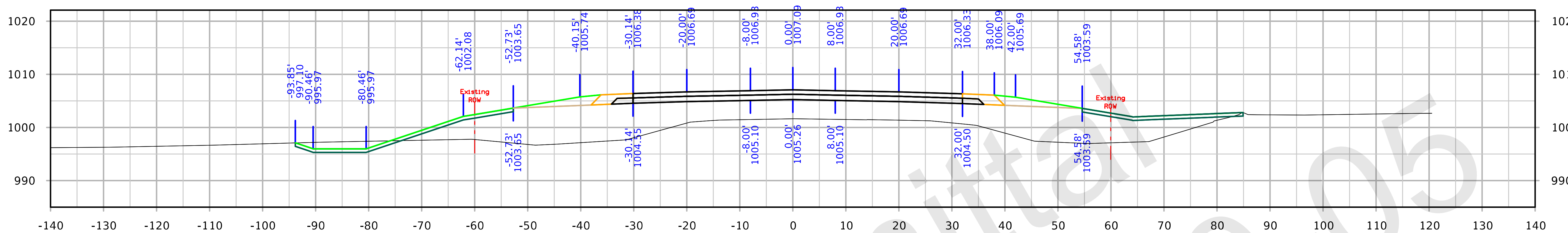
3:22:23 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn



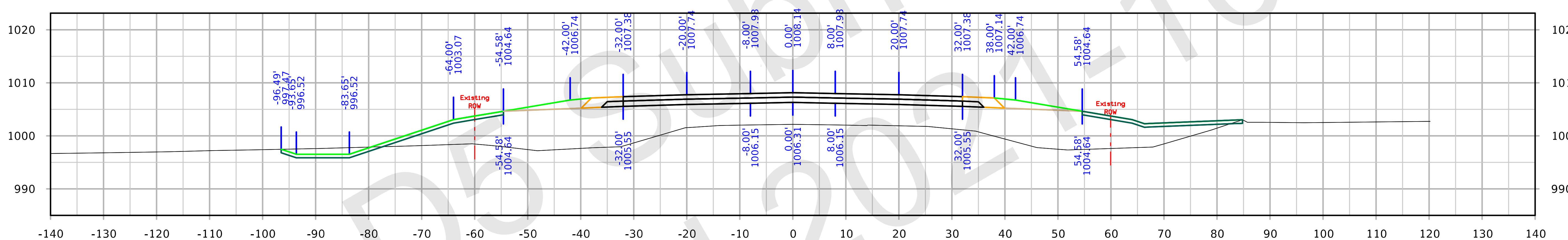
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.423

3:22:43 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn

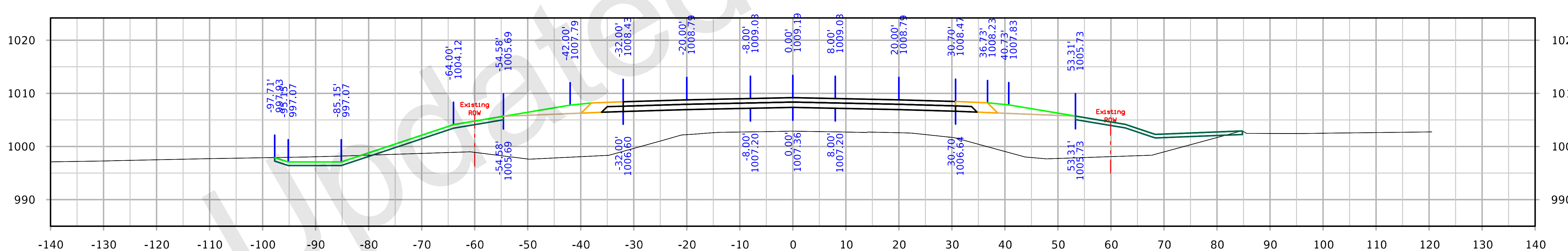
IA 210



STA. 1064+00.00



STA. 1063+50.00

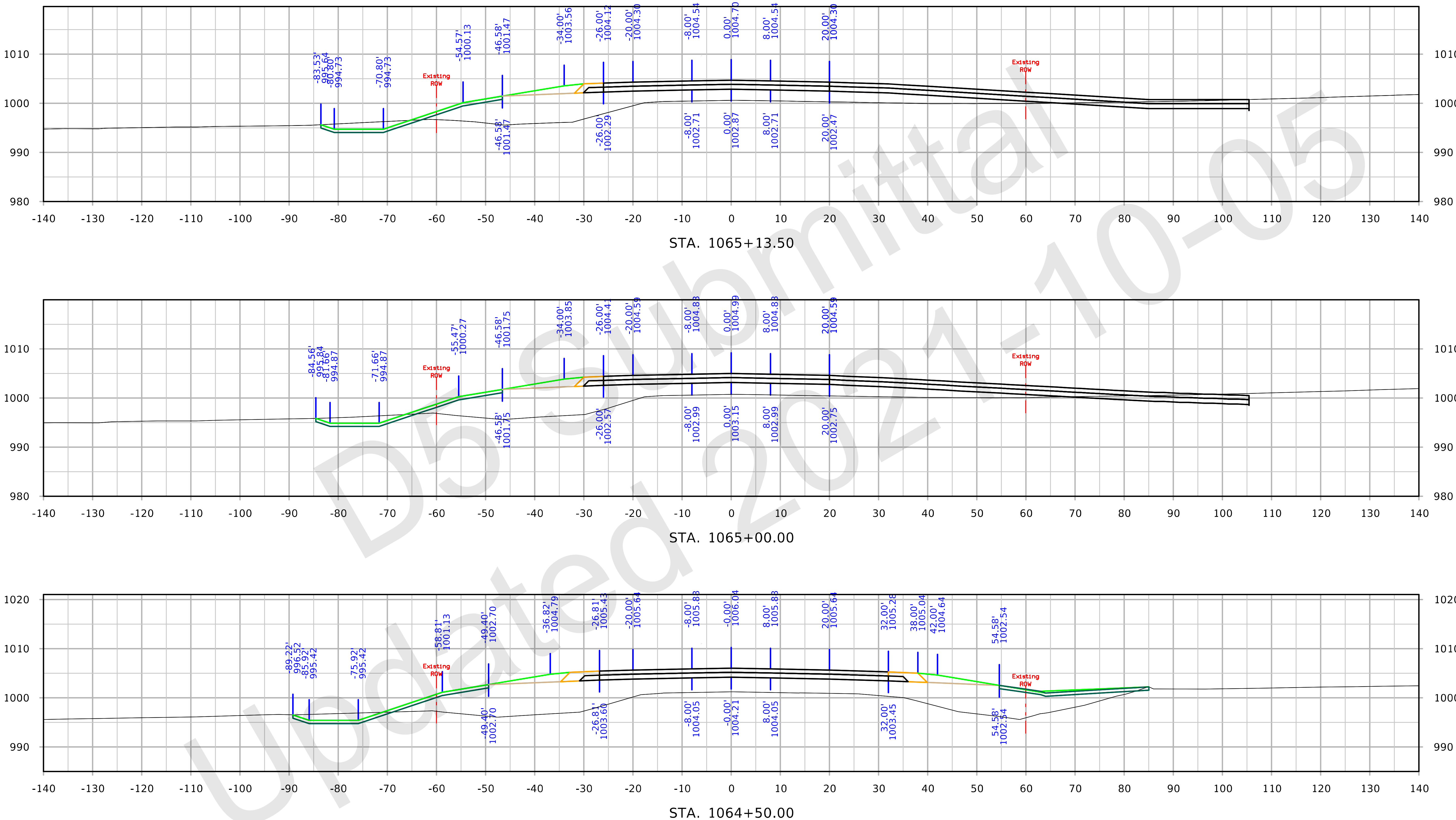


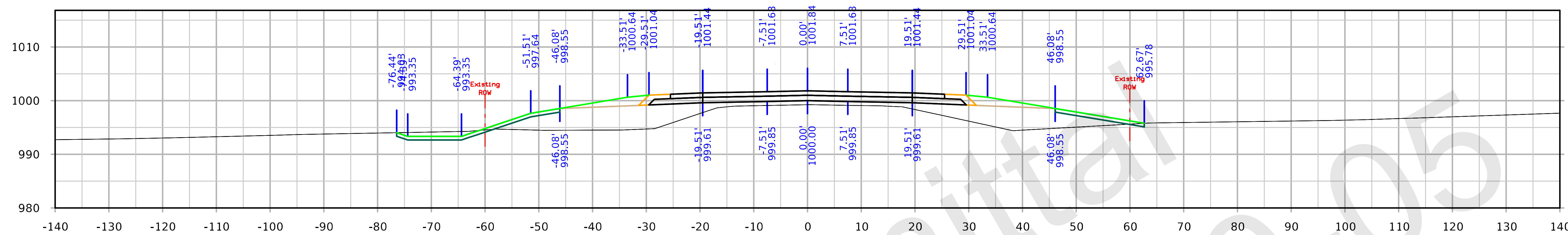
STA. 1063+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.424

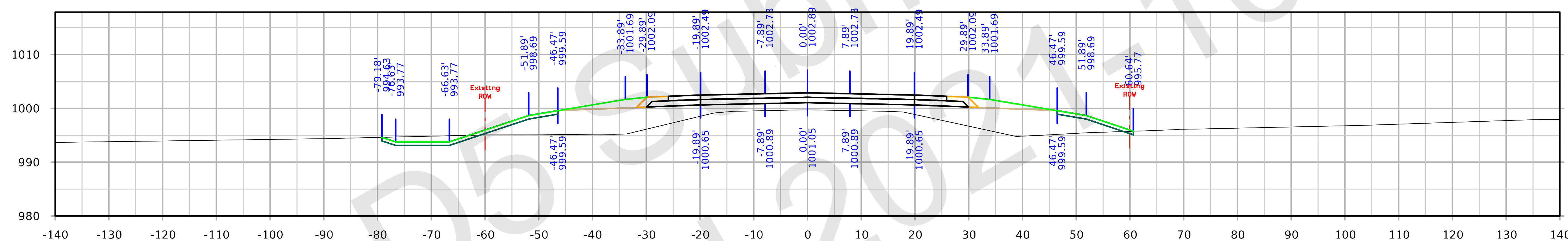
3:23:12 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn

IA 210

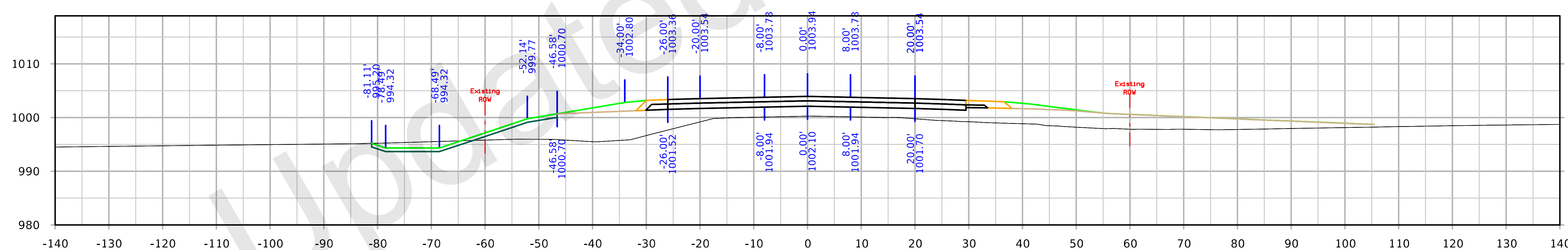




STA. 1066+50.00



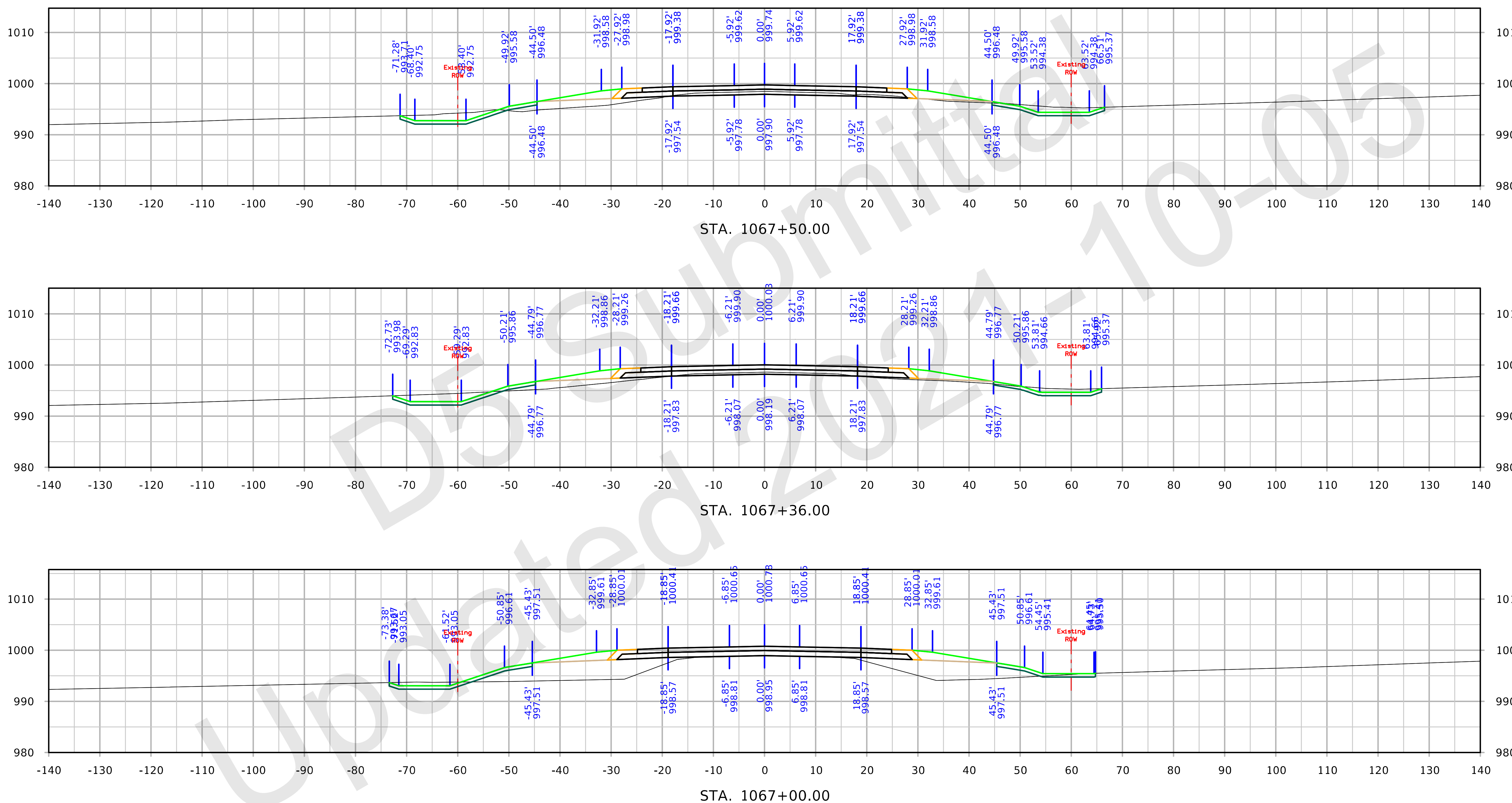
STA. 1066+00.00



STA. 1065+50.00

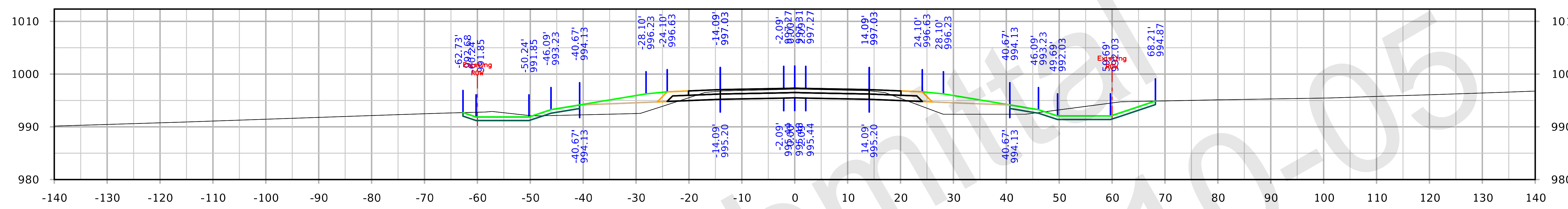
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.426

IA 210

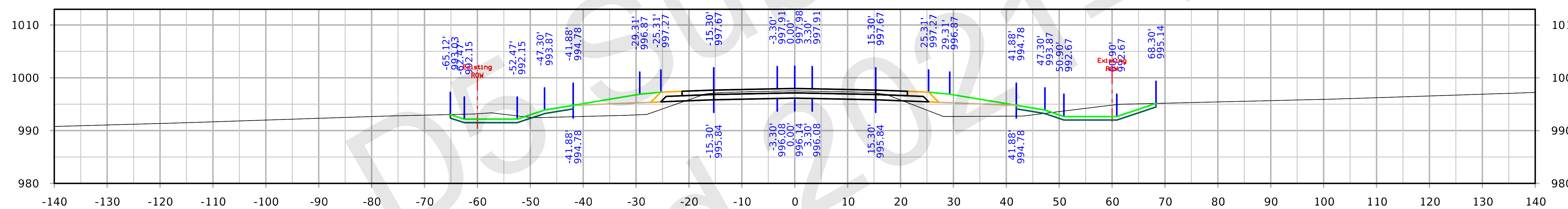


FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.427

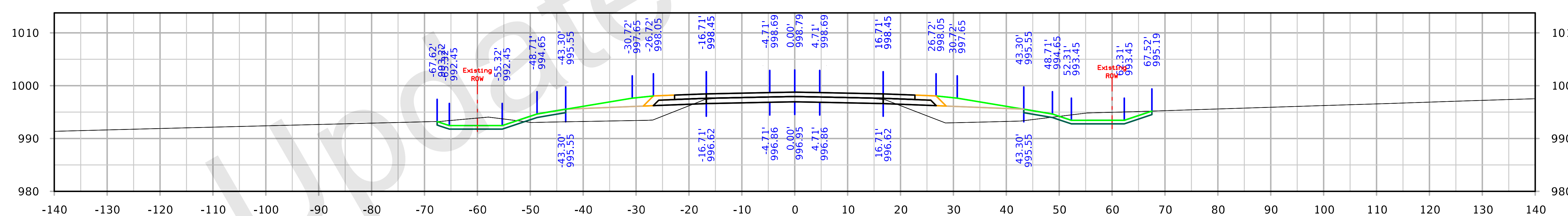
IA 210



STA. 1069+00.00



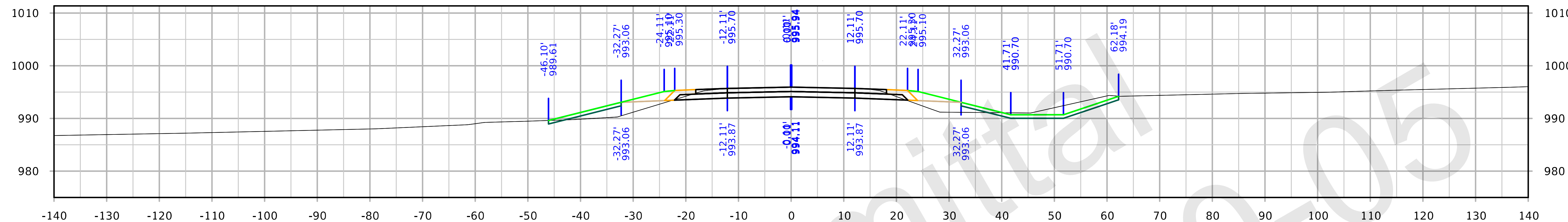
STA. 1068+50.00



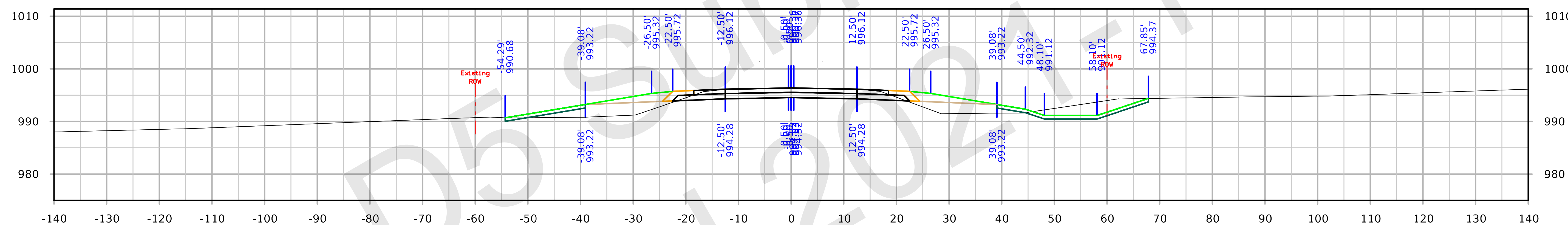
STA. 1068+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.428

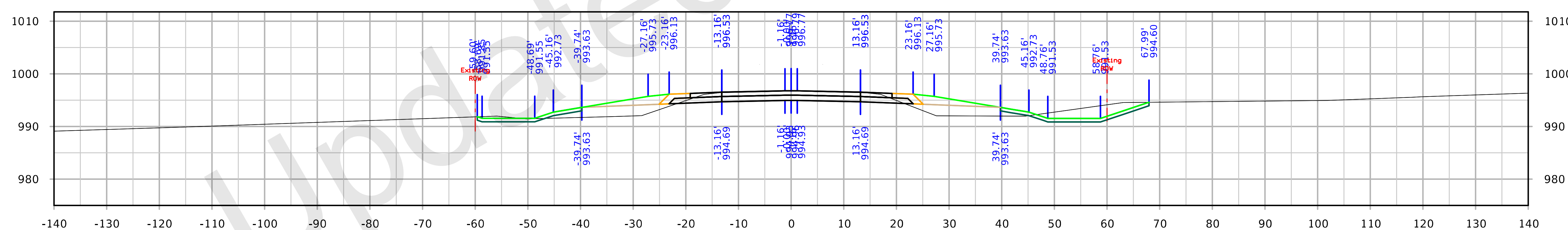
IA 210



STA. 1070+50.00

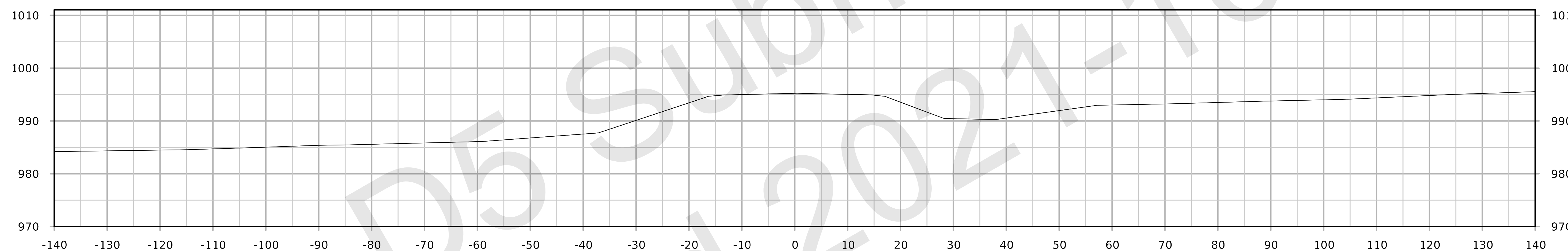


STA. 1070+00.00

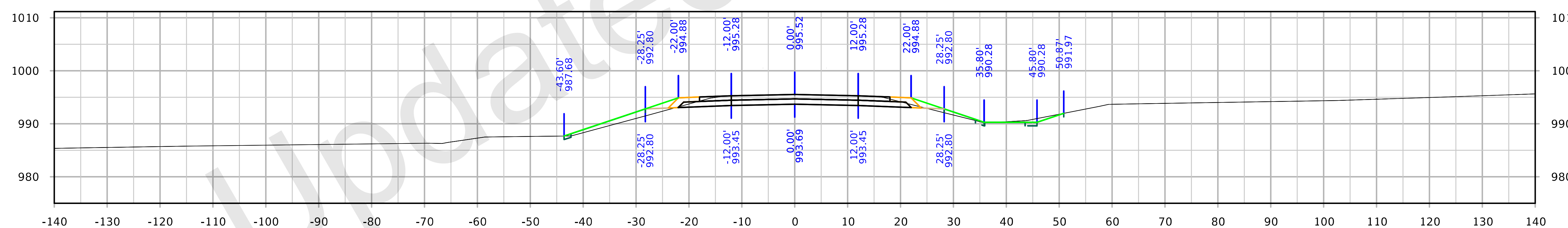


STA. 1069+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.429



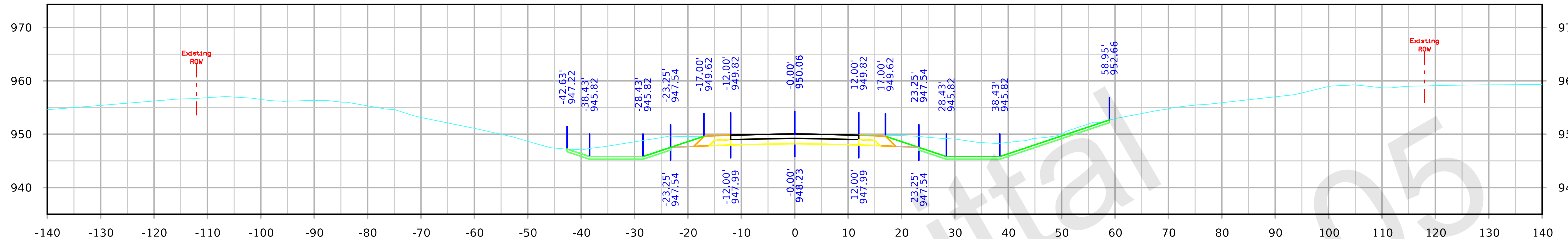
STA. 1071+50.00



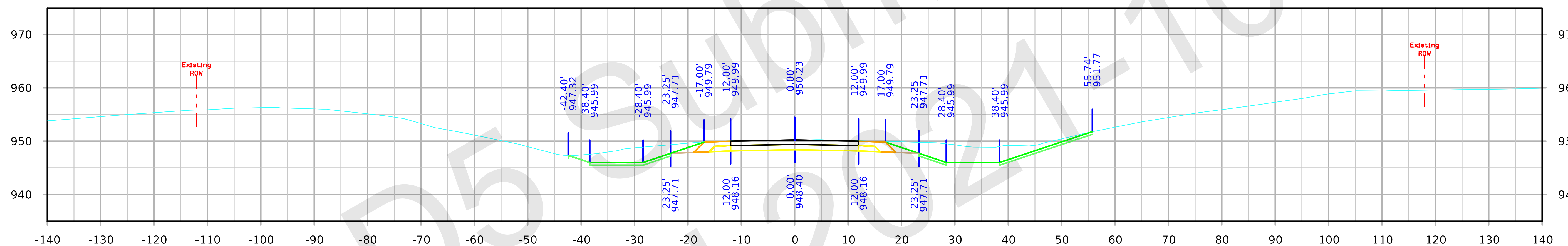
STA. 1071+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER X.430

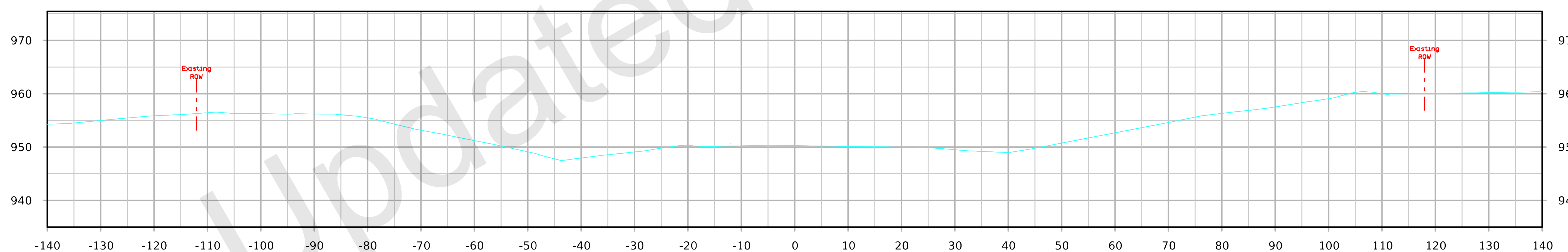
3:25:20 PM 10/4/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_SR210_77035309Z08.dgn



STA. 2124+50.00



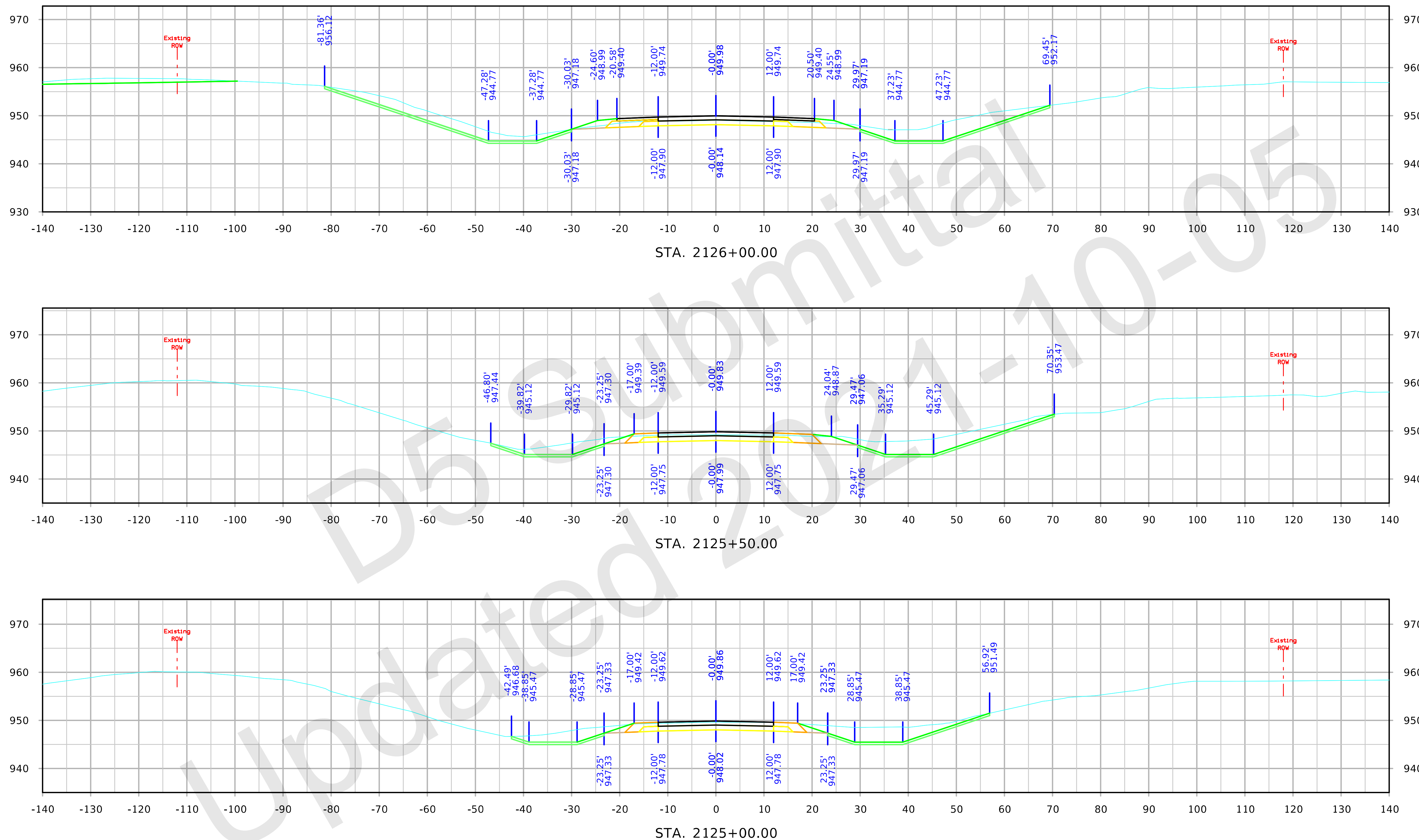
STA. 2124+25.00



STA. 2124+00.00

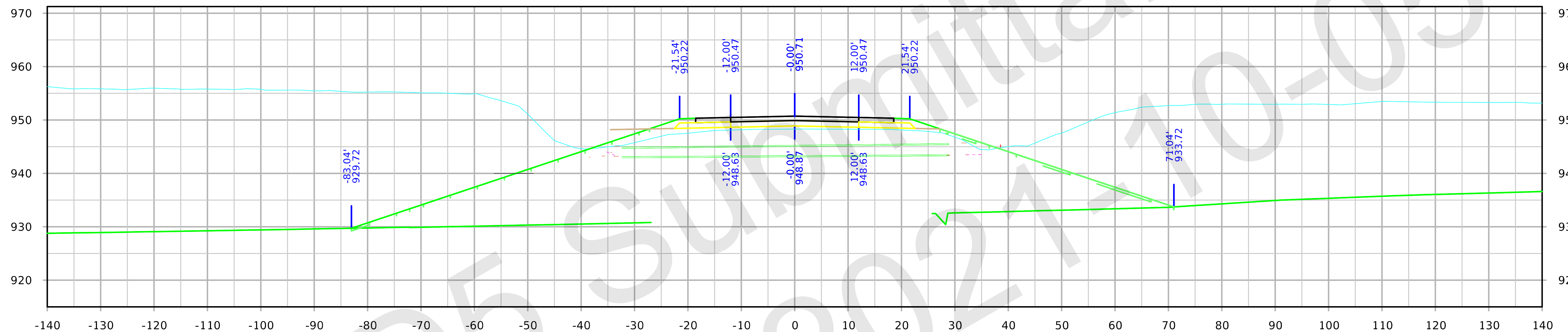
FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER X.500	

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

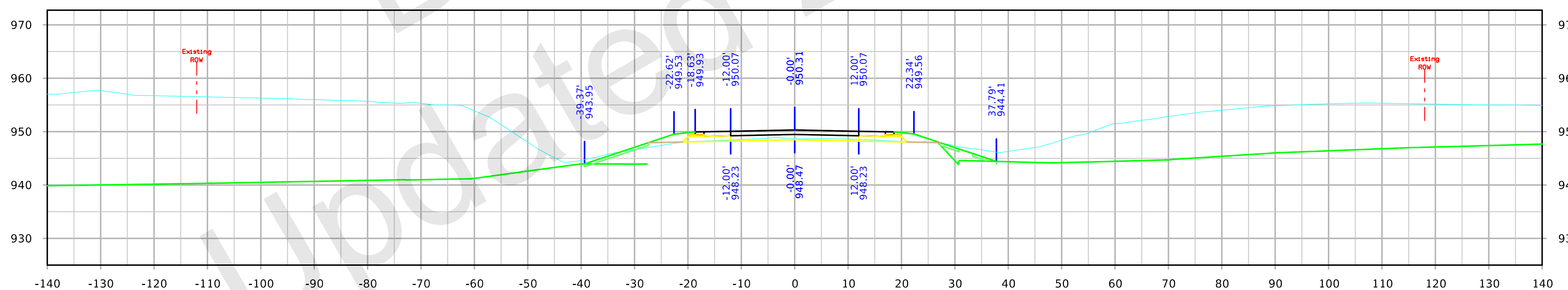


FILE NO. | ENGLISH | DESIGN TEAM | COUNTY | PROJECT NUMBER | SHEET NUMBER X.501

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC



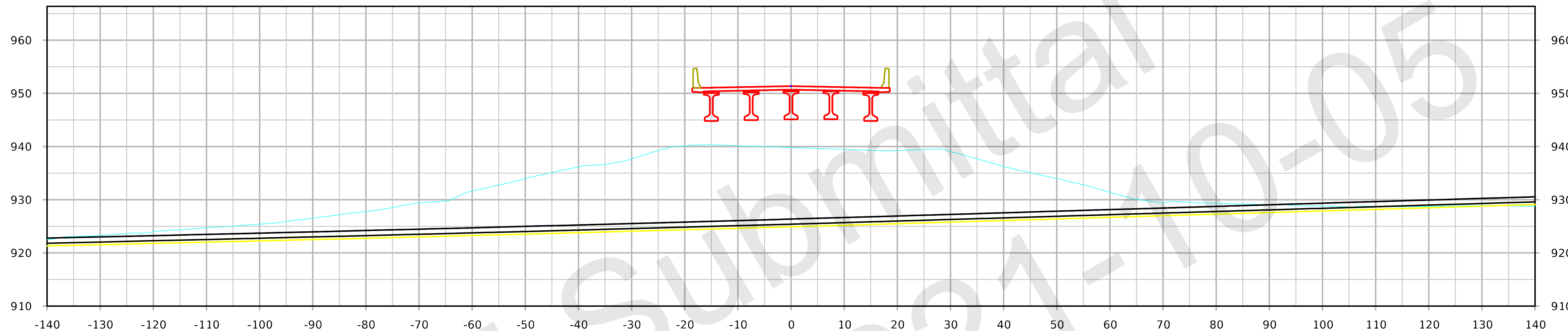
STA. 2127+00.00



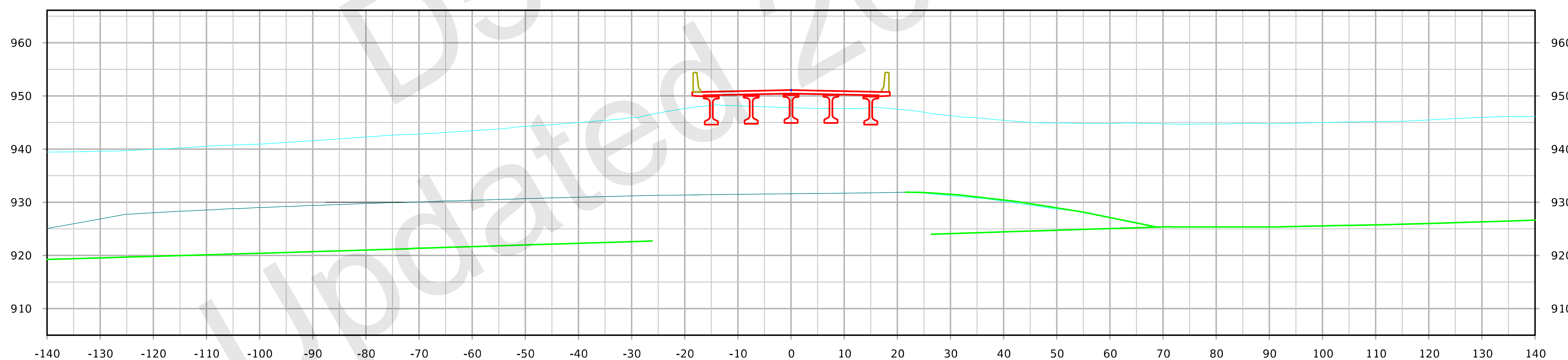
STA. 2126+50.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER X.502	

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC



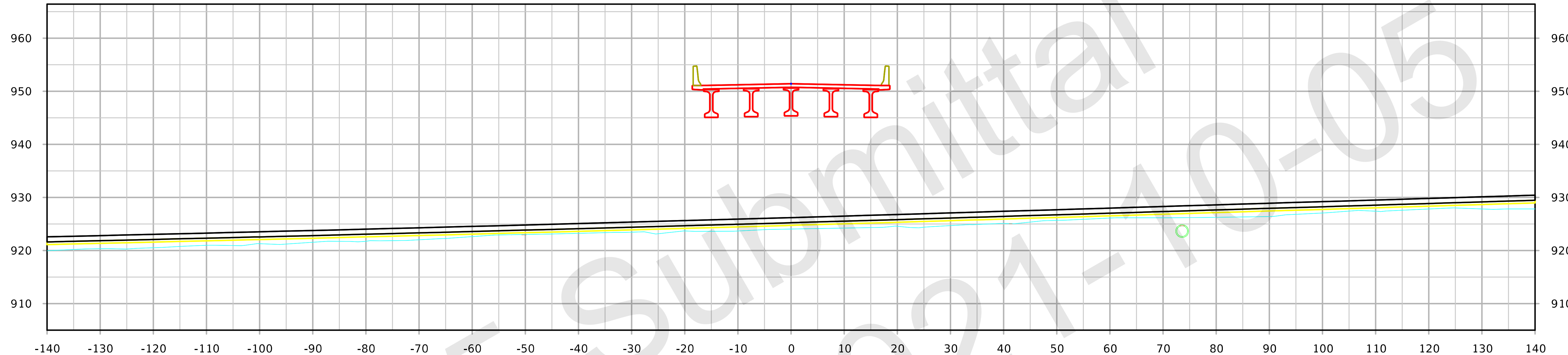
STA. 2128+00.00



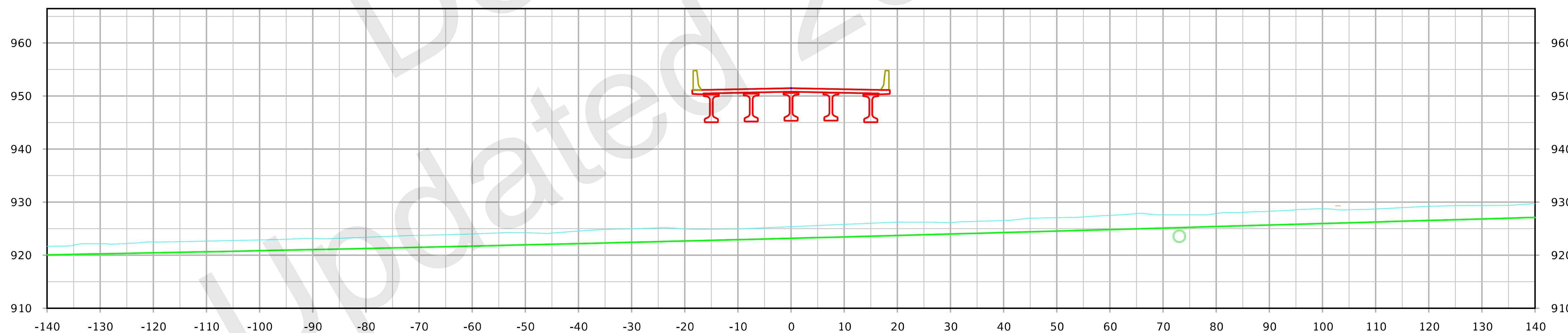
STA. 2127+50.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER X.503	

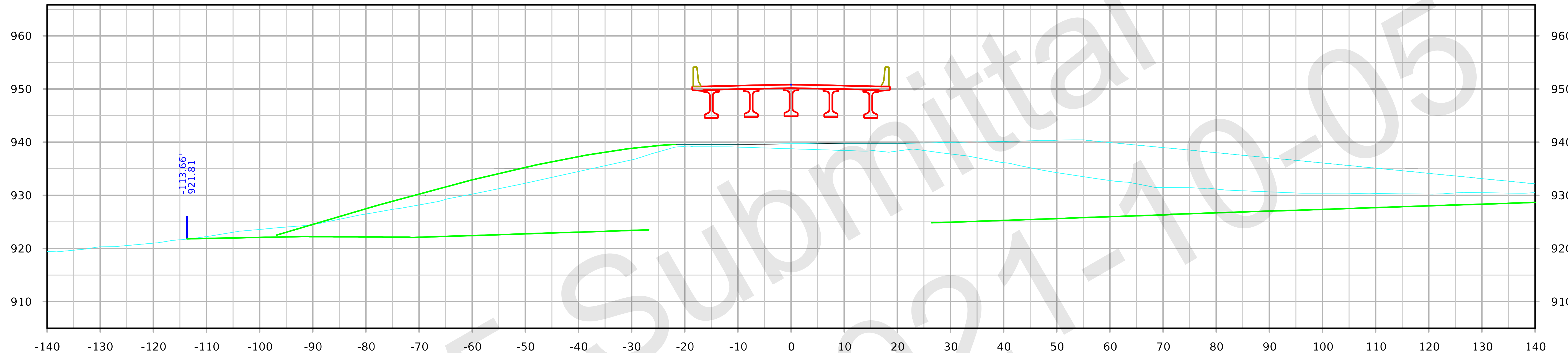
SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC



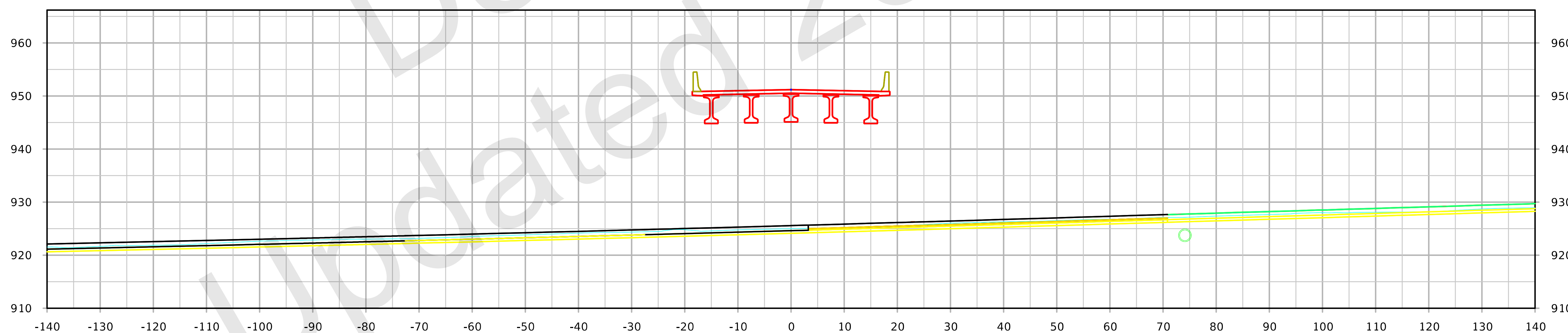
STA. 2129+00.00



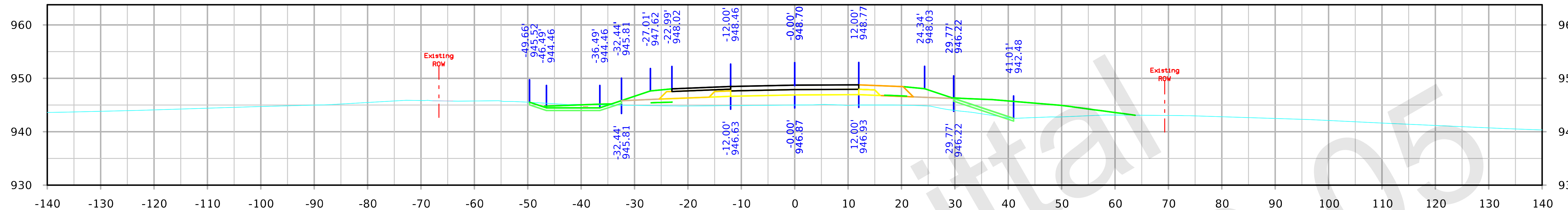
STA. 2128+50.00



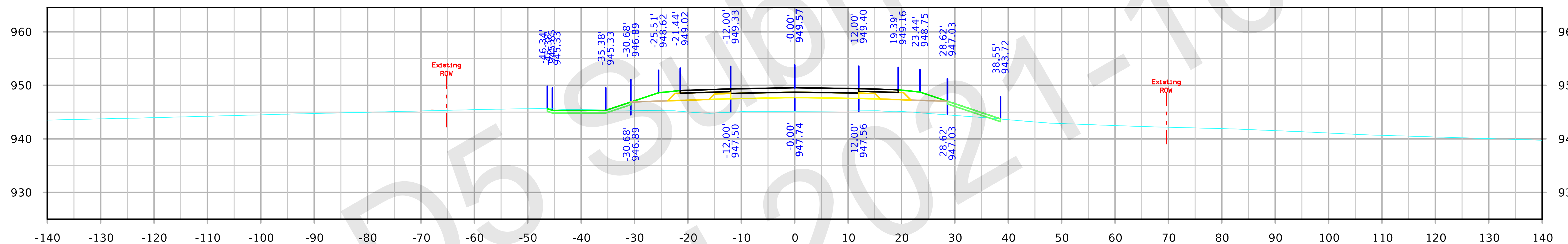
STA. 2130+00.00



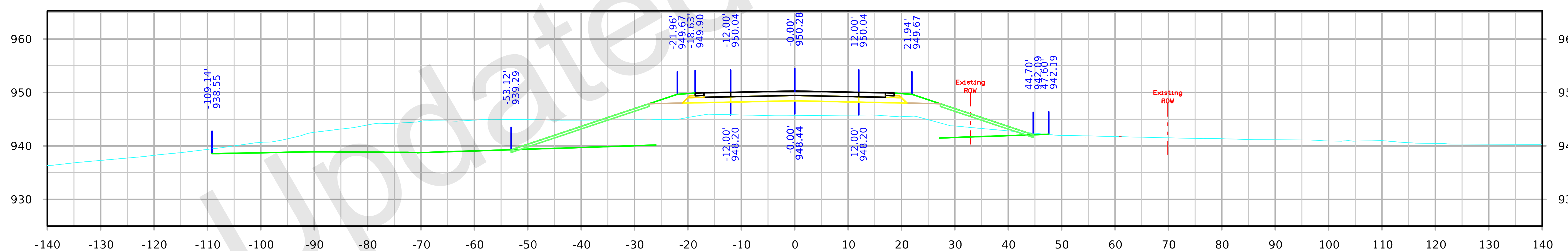
STA. 2129+50.00



STA. 2131+50.00



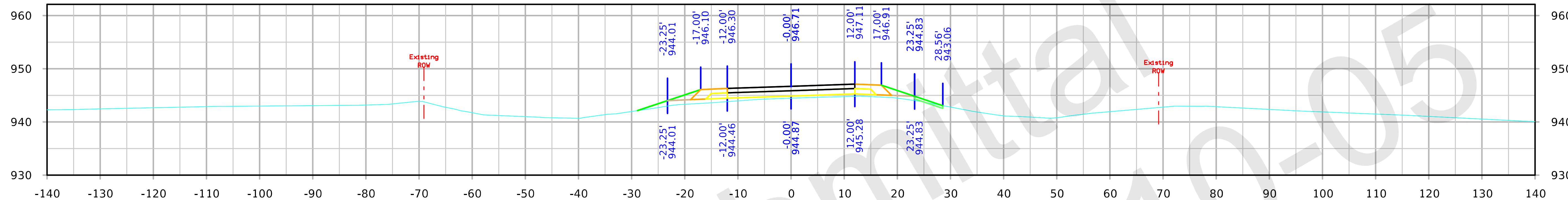
STA. 2131+00.00



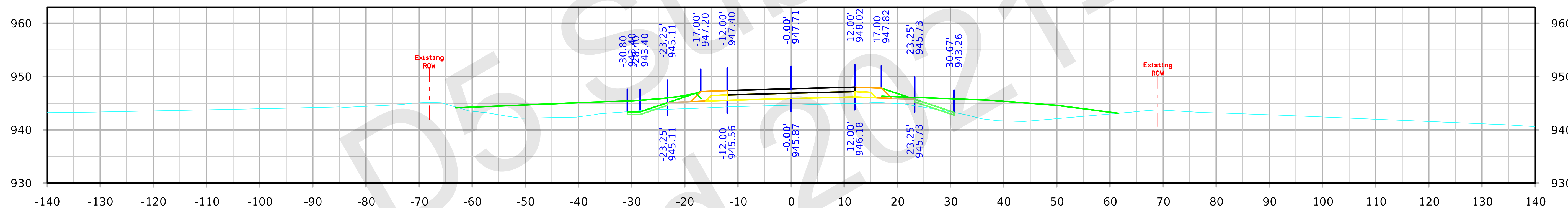
STA. 2130+50.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER X.506

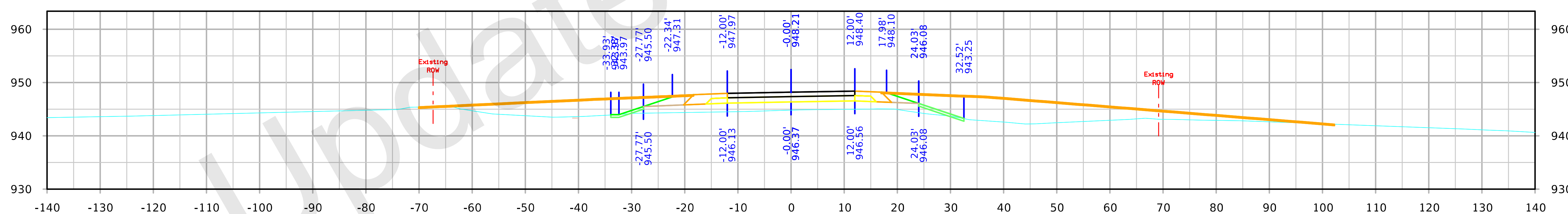
SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC



STA. 2132+50.00



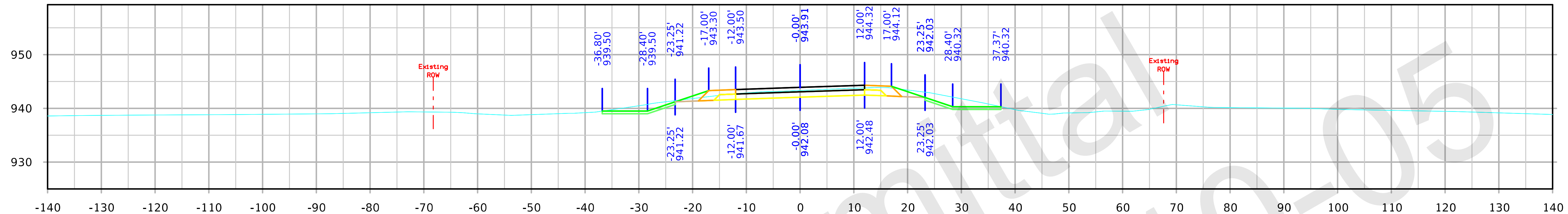
STA. 2132+00.00



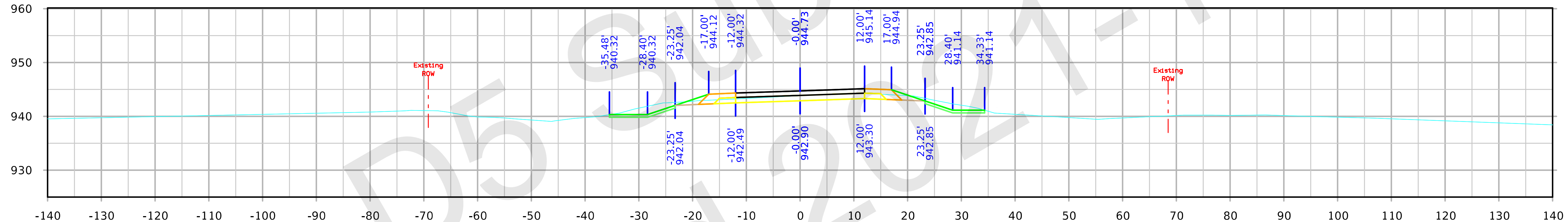
STA. 2131+75.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER X.507	

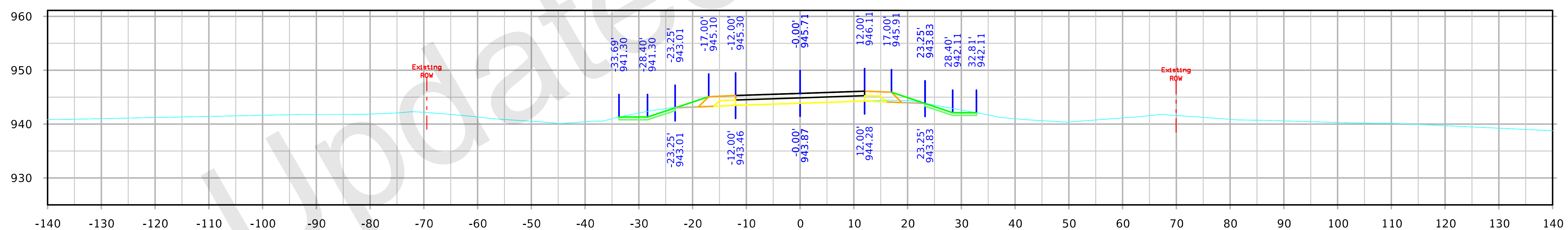
SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC



STA. 2134+00.00



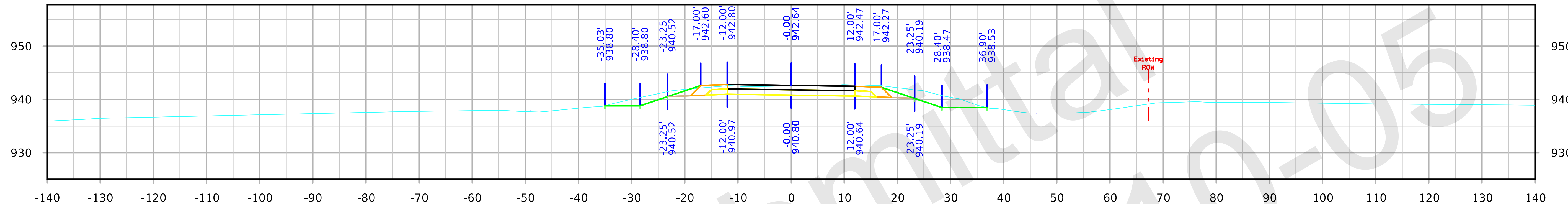
STA. 2133+50.00



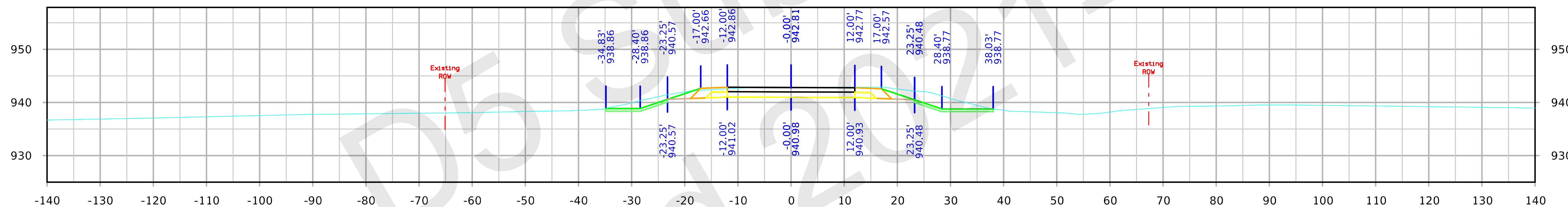
STA. 2133+00.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER X.508	

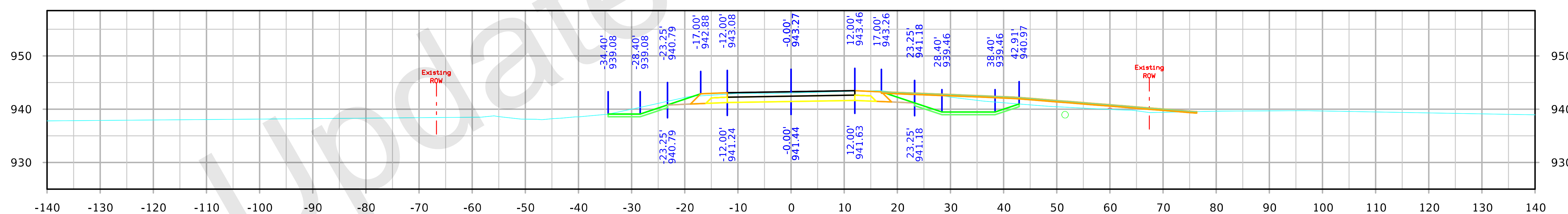
SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC



STA. 2135+25.00



STA. 2135+00.00

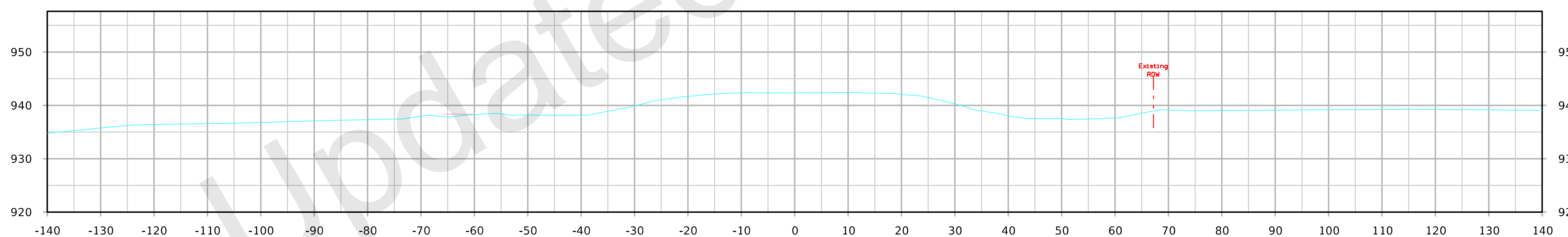


STA. 2134+50.00

D5 Submittal Updated 2021-10-05

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER X.509	

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

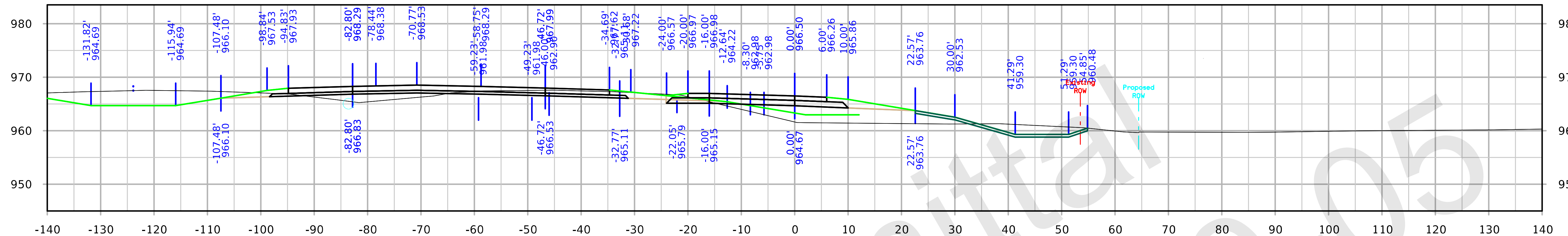


STA. 2135+50.00

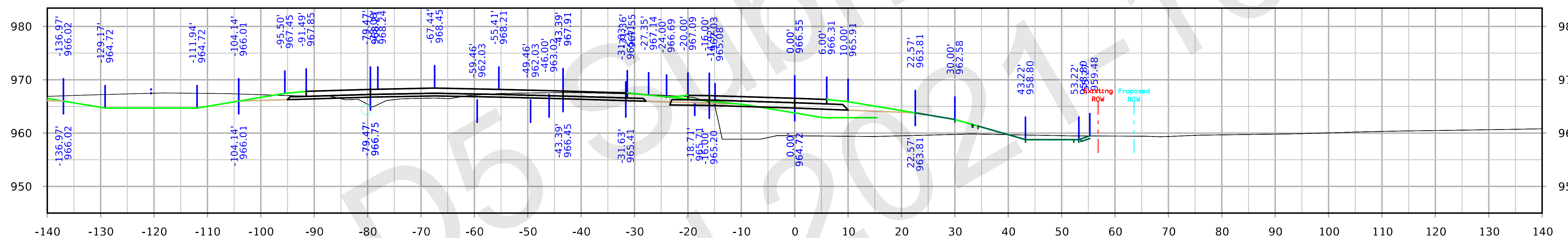
FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER X.510

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

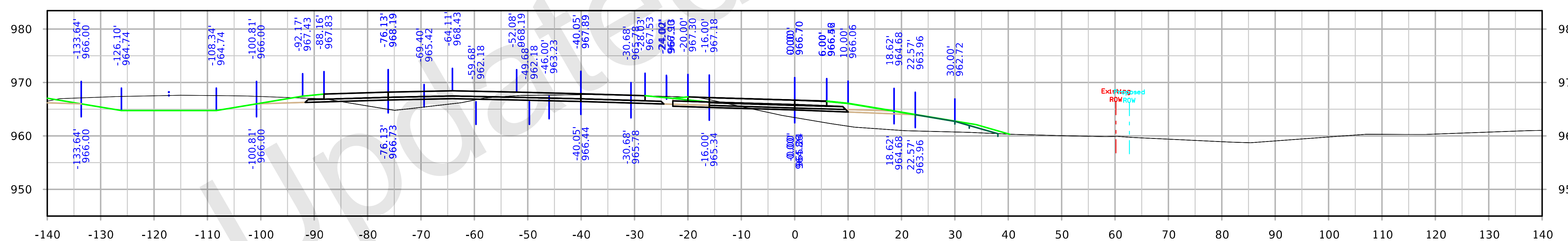
126th Ave Ramp A



STA. 1575+00.00



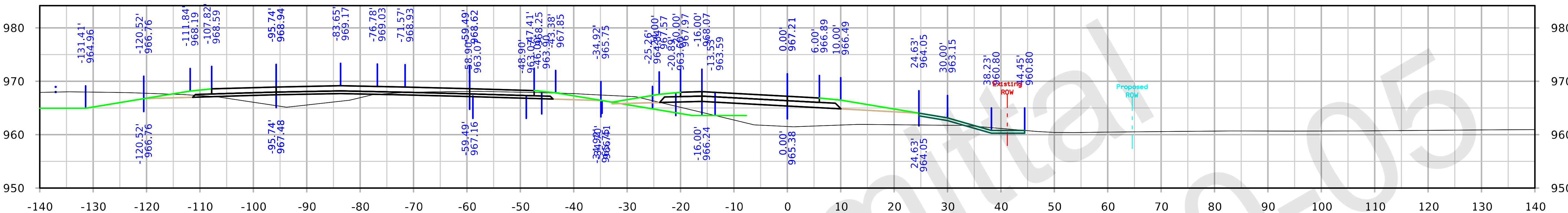
STA. 1574+50.00



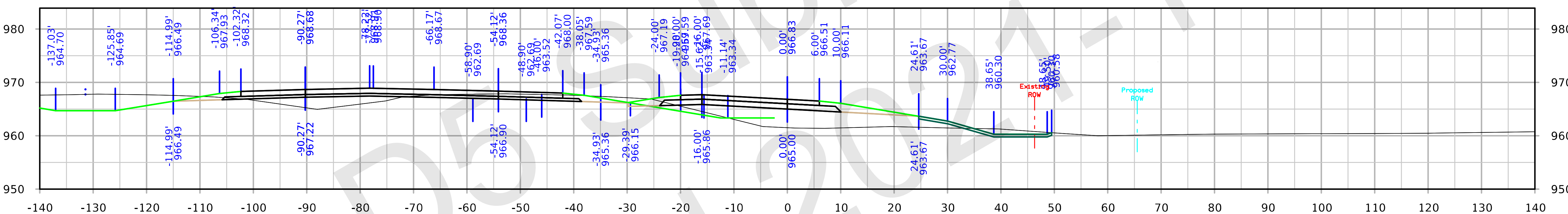
STA. 1574+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.100

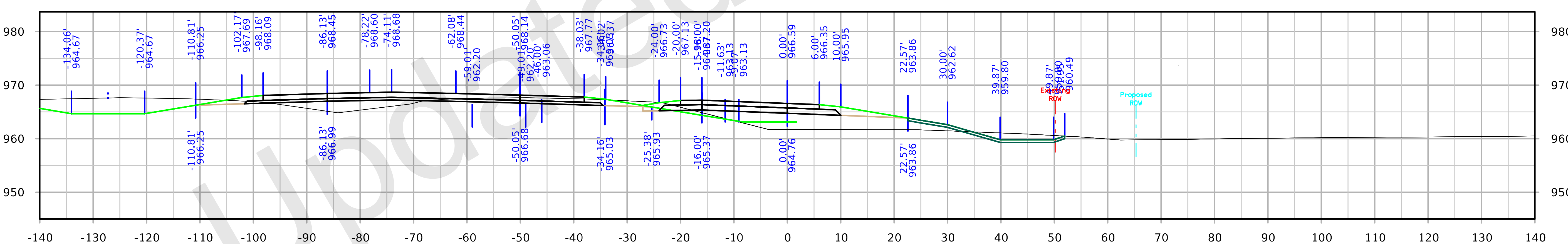
126th Ave Ramp A



STA. 1576+50.00



STA. 1576+00.00

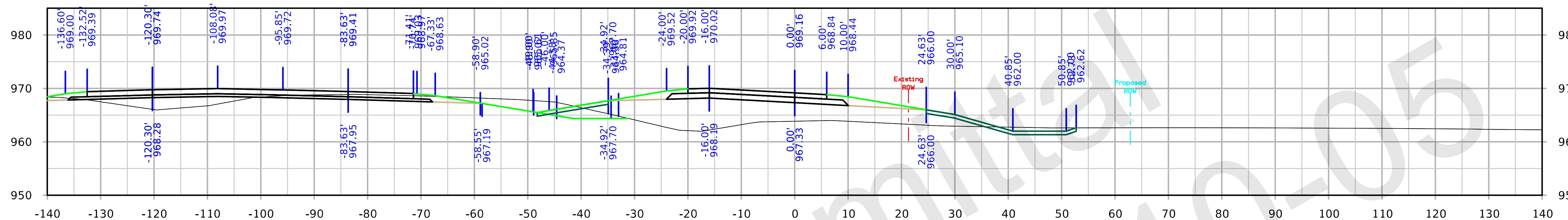


STA. 1575+50.00

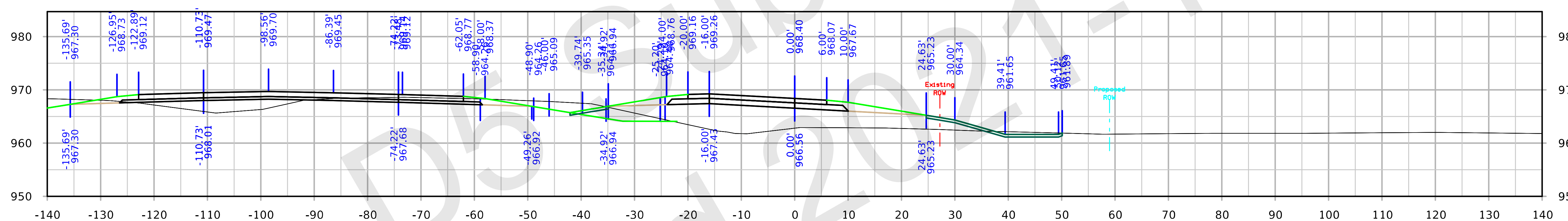
FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER Y.101

6:44:29 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126A_77035309Z08.dgn

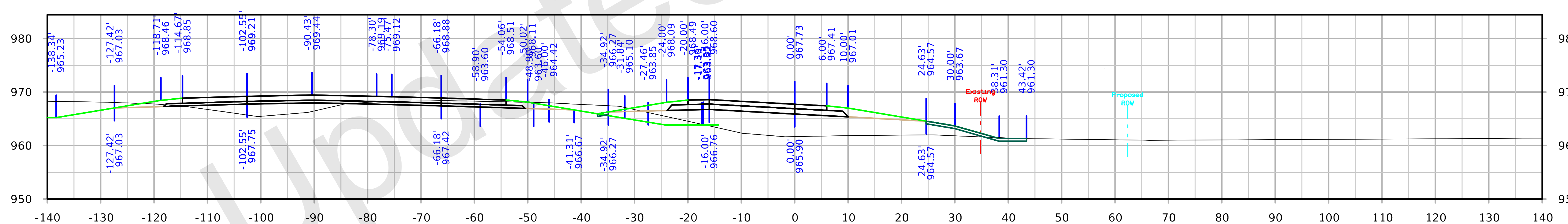
126th Ave Ramp A



STA. 1578+00.00



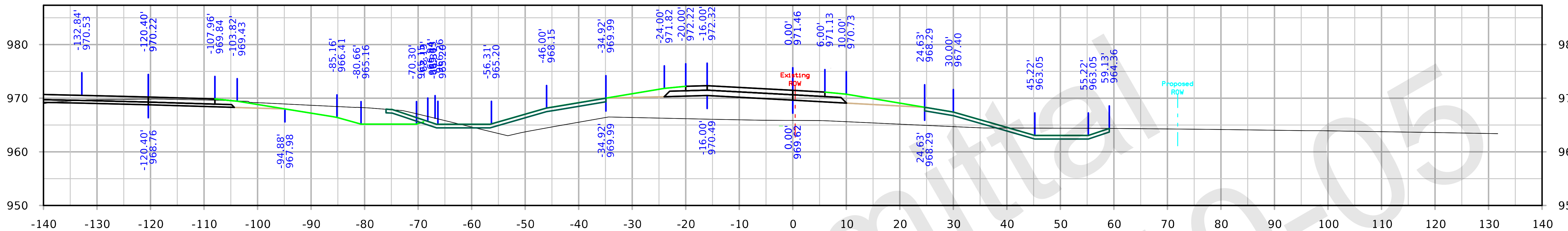
STA. 1577+50.00



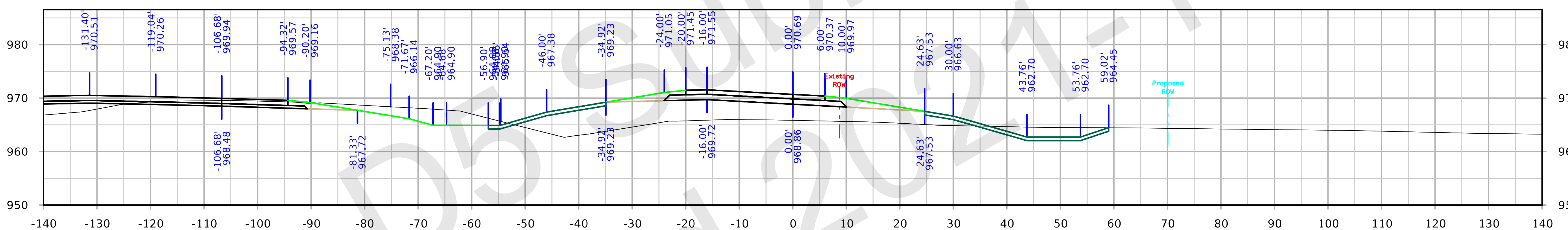
STA. 1577+00.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER Y.102	

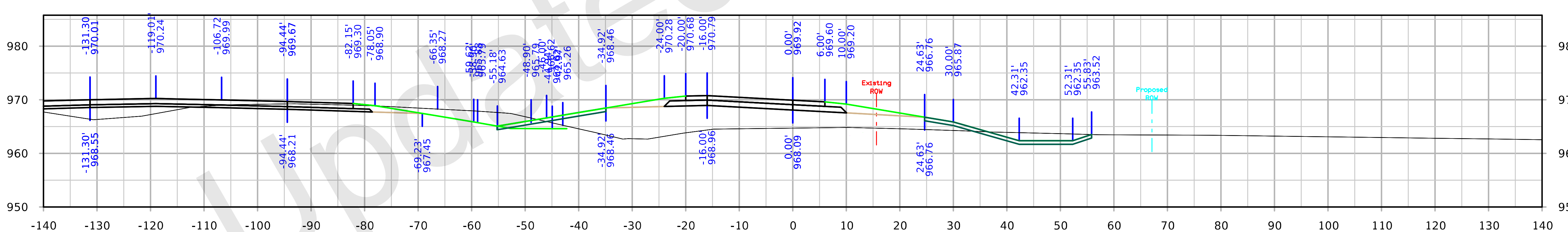
126th Ave Ramp A



STA. 1579+50.00



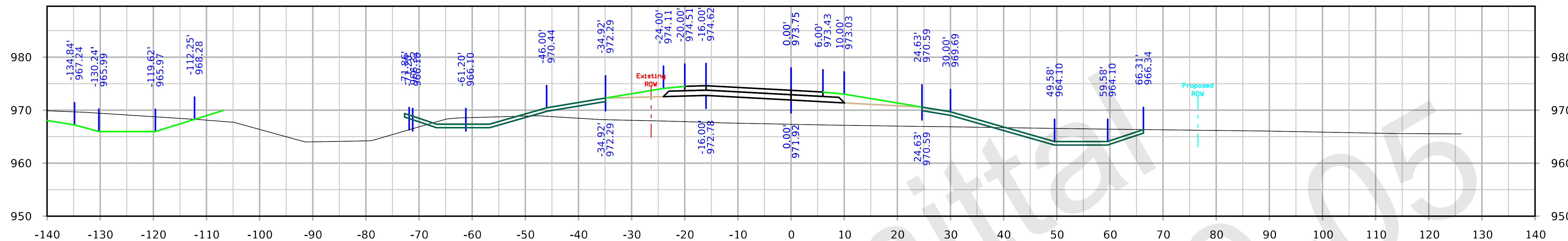
STA. 1579+00.00



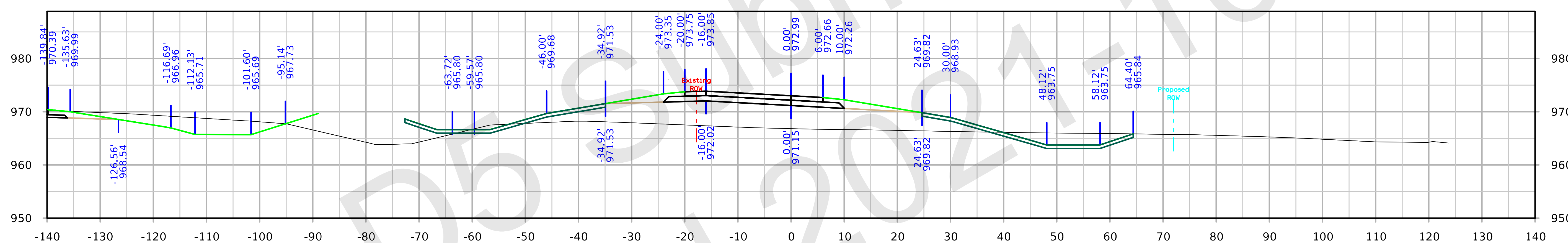
STA. 1578+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.103

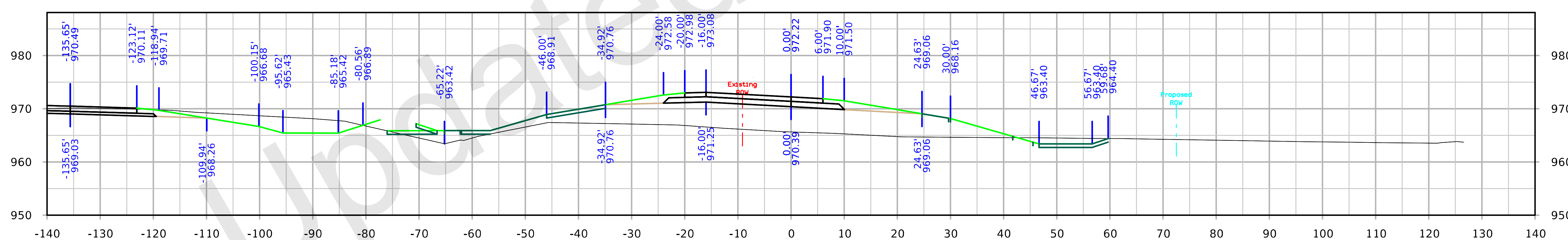
126th Ave Ramp A



STA. 1581+00.00

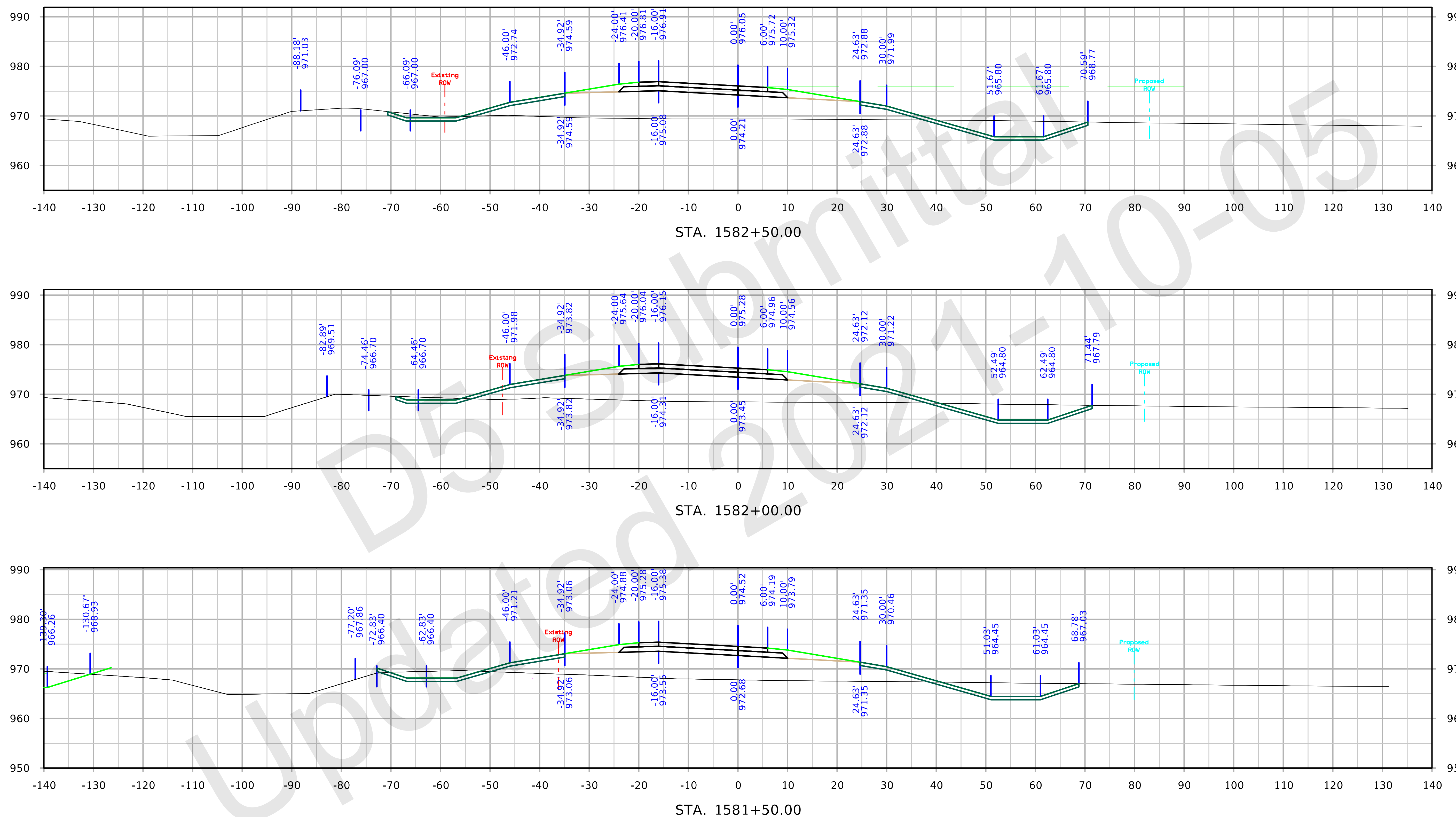


STA. 1580+50.00

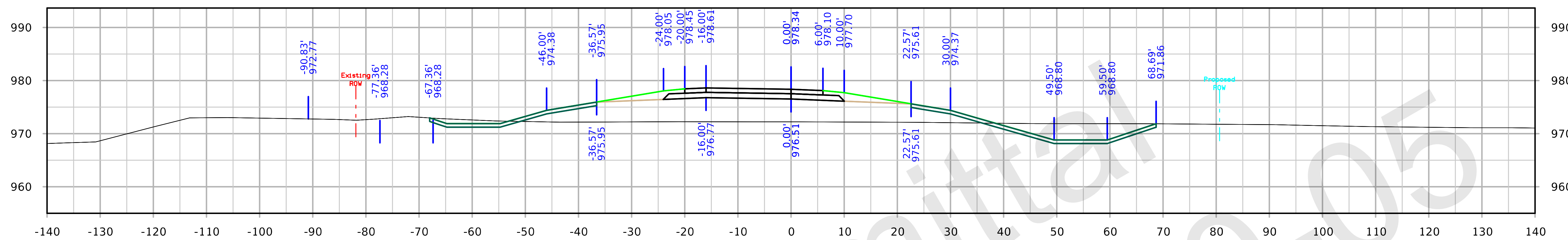


STA. 1580+00.00

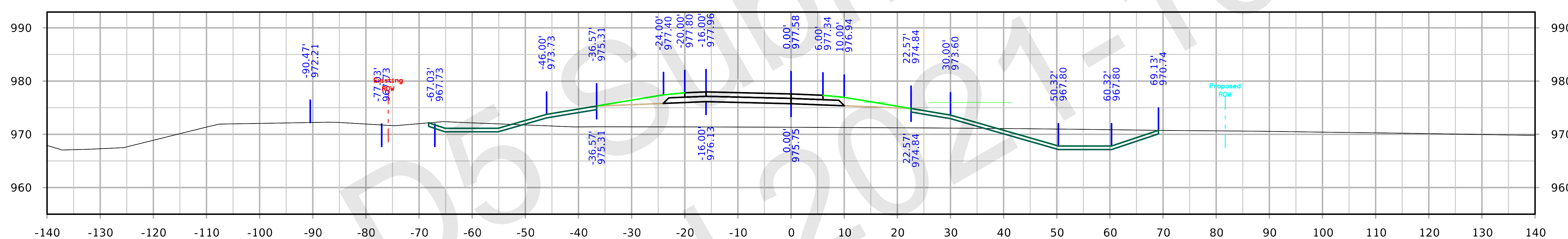
126th Ave Ramp A



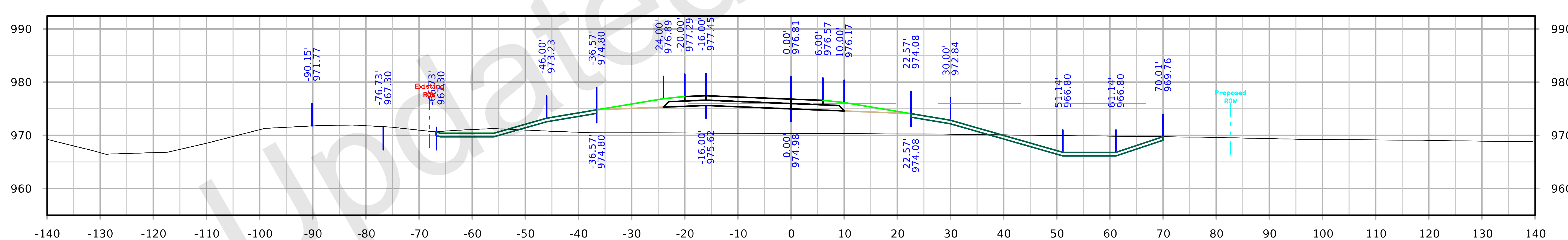
126th Ave Ramp A



STA. 1584+00.00

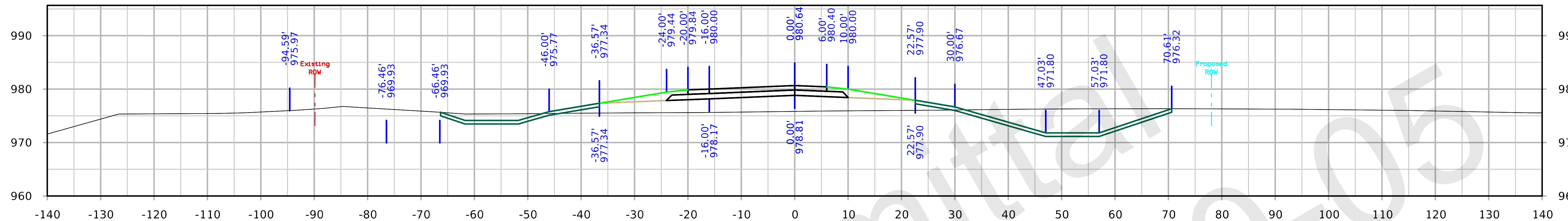


STA. 1583+50.00

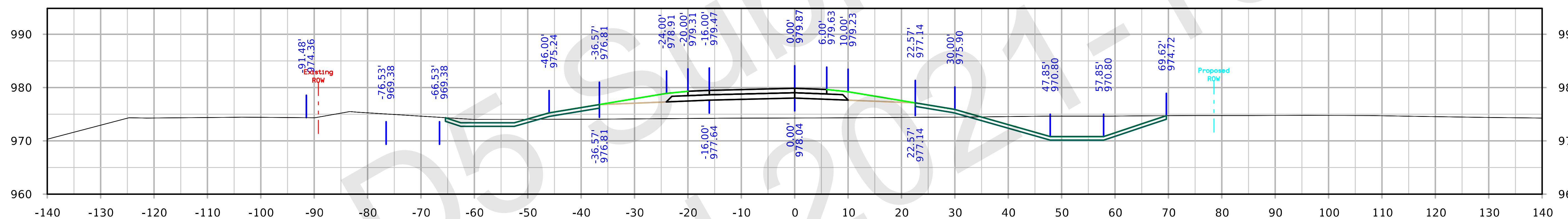


STA. 1583+00.00

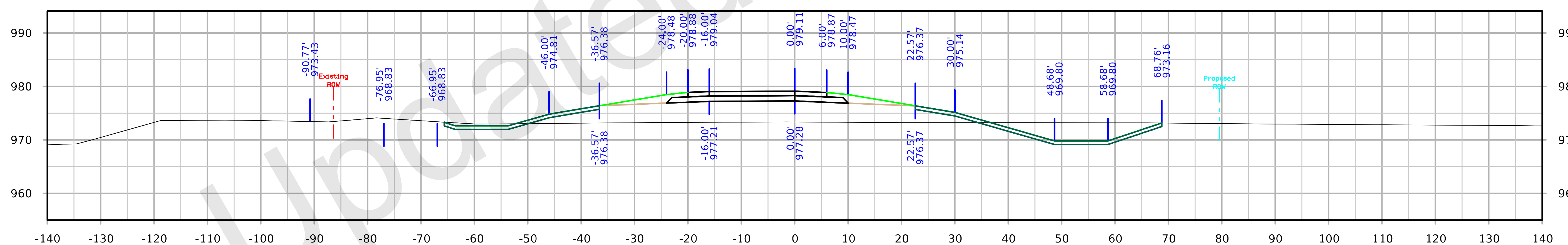
126th Ave Ramp A



STA. 1585+50.00



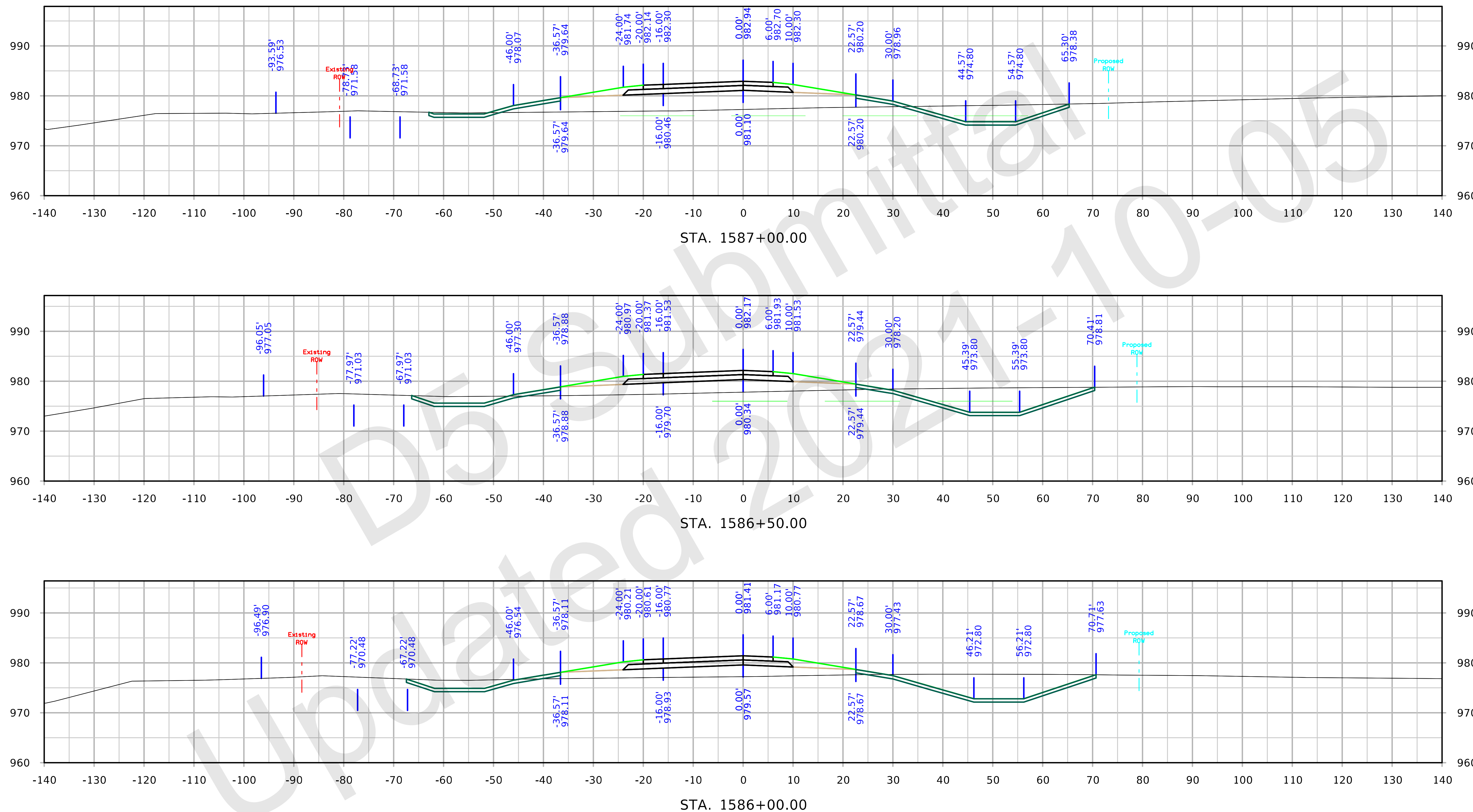
STA. 1585+00.00



STA. 1584+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.107

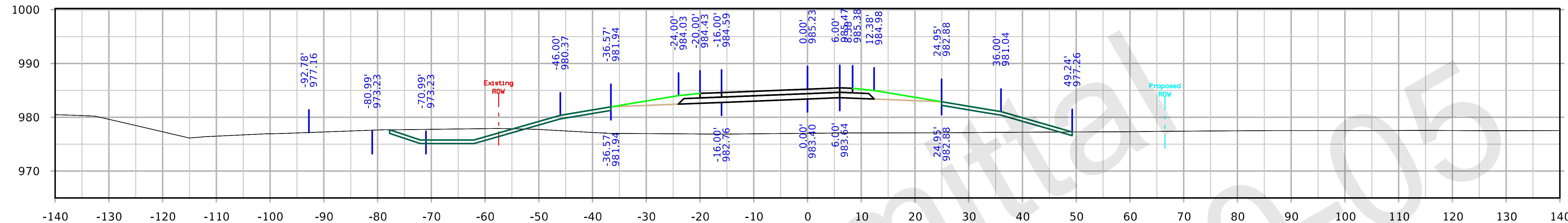
126th Ave Ramp A



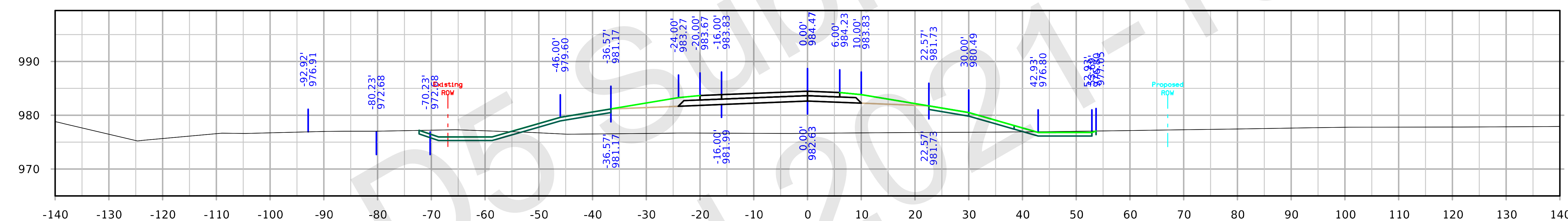
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.108

6:47:48 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126A_77035309Z08.dgn

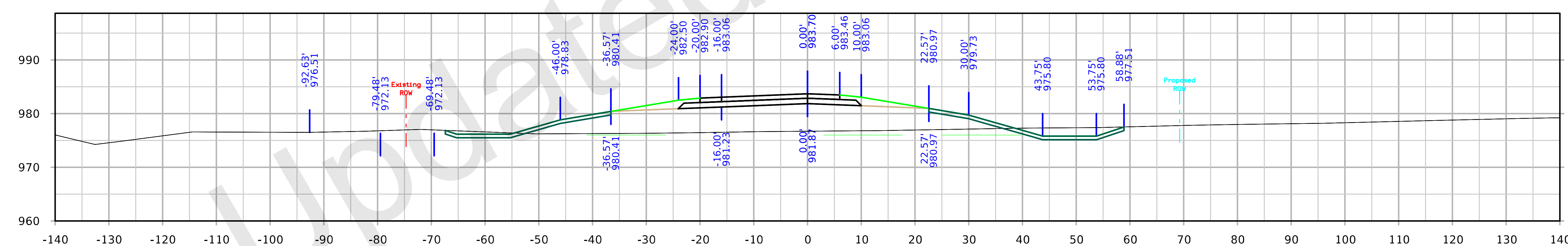
126th Ave Ramp A



STA. 1588+50.00



STA. 1588+00.00

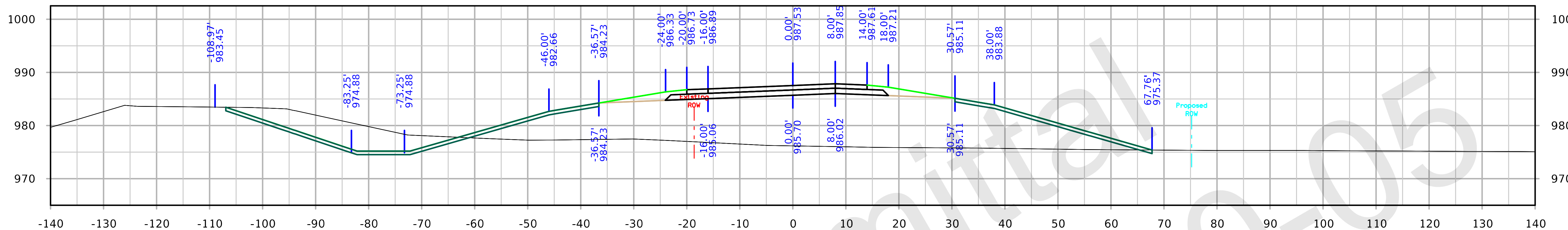


STA. 1587+50.00

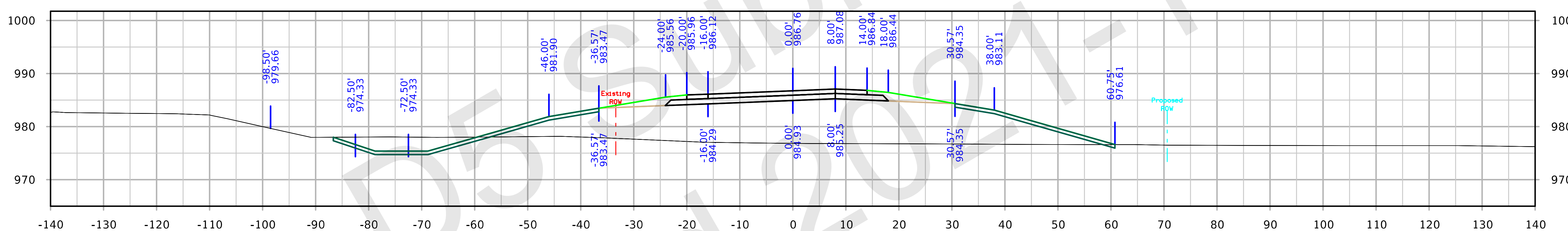
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.109

6:48:17 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126A_77035309Z08.dgn

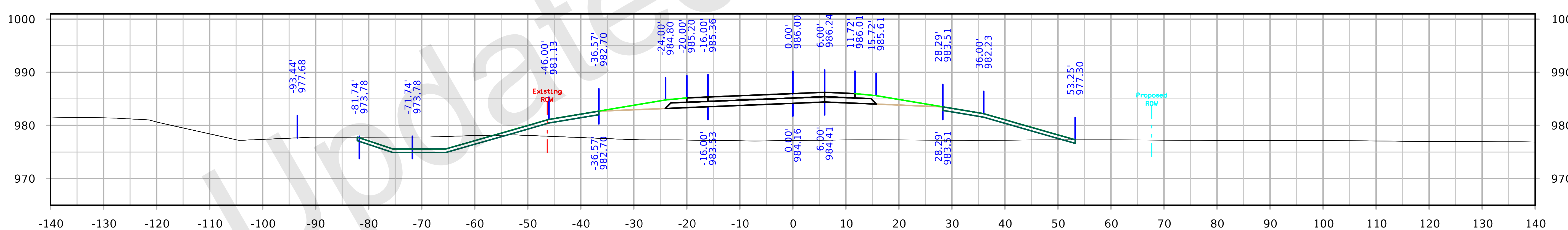
126th Ave Ramp A



STA. 1590+00.00

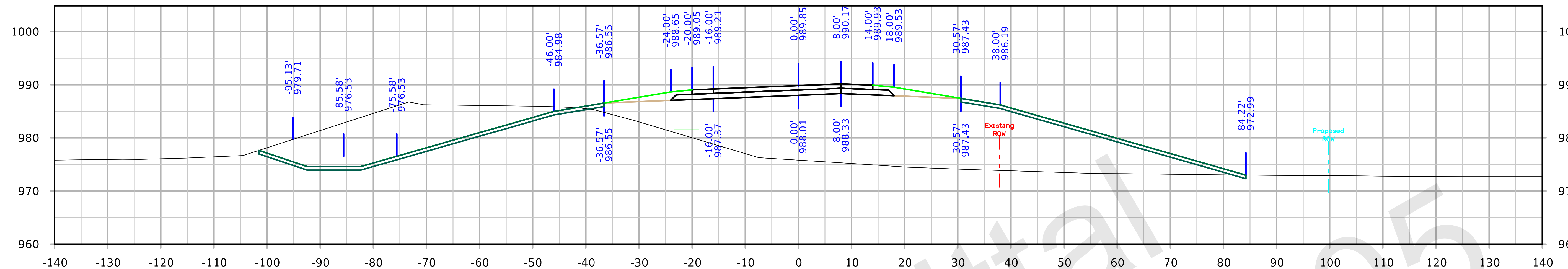


STA. 1589+50.00

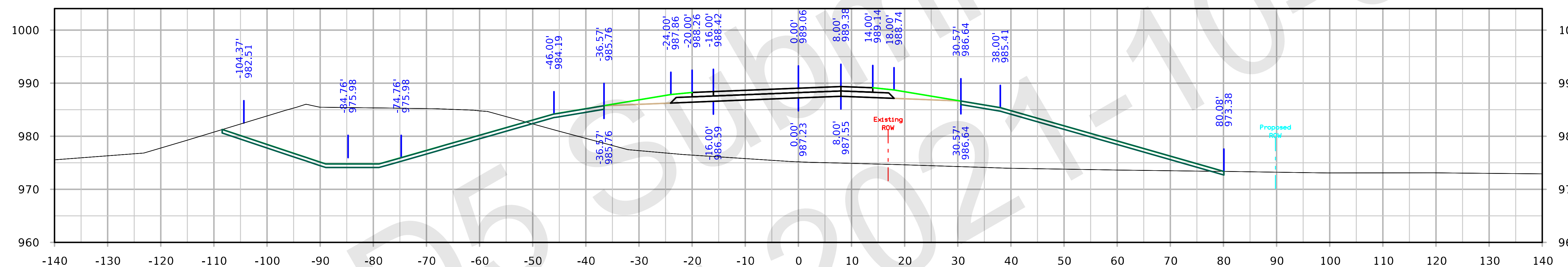


STA. 1589+00.00

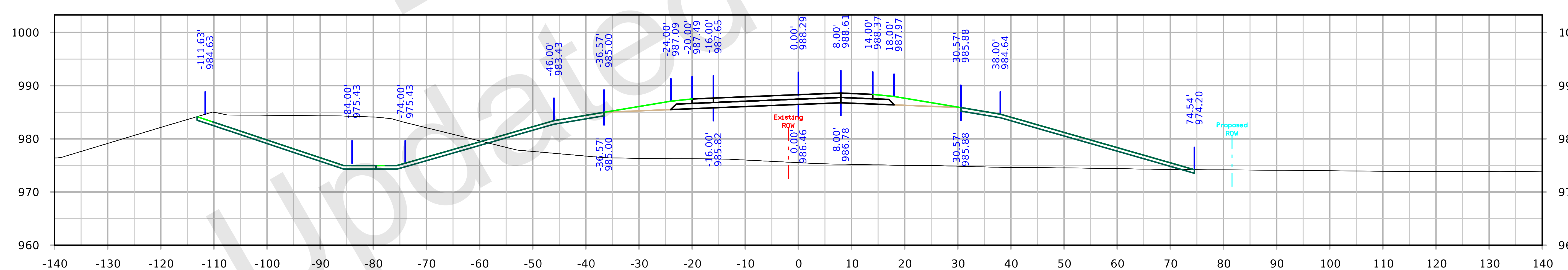
126th Ave Ramp A



STA. 1591+50.00



STA. 1591+00.00

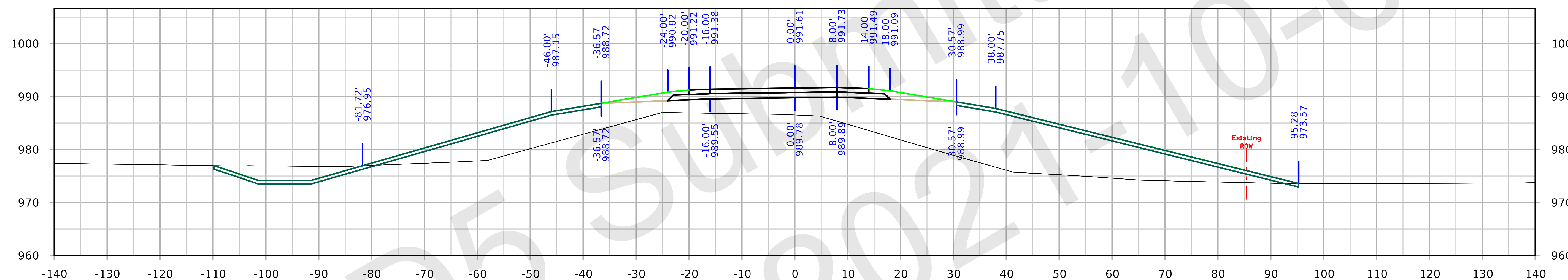


STA. 1590+50.00

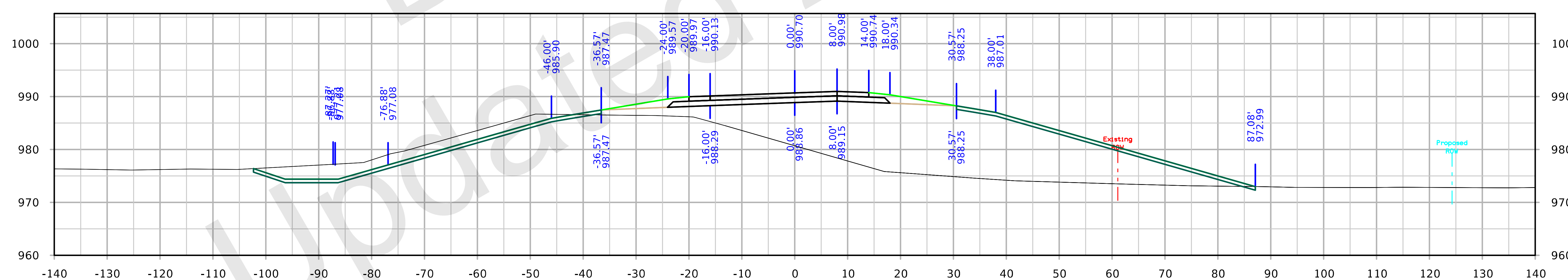
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.111

6:49:16 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126A_77035309Z08.dgn

126th Ave Ramp A



STA. 1592+50.00

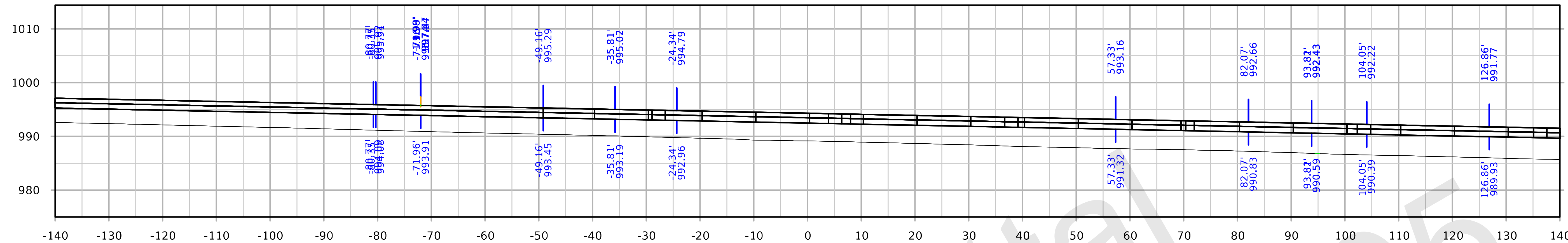


STA. 1592+00.00

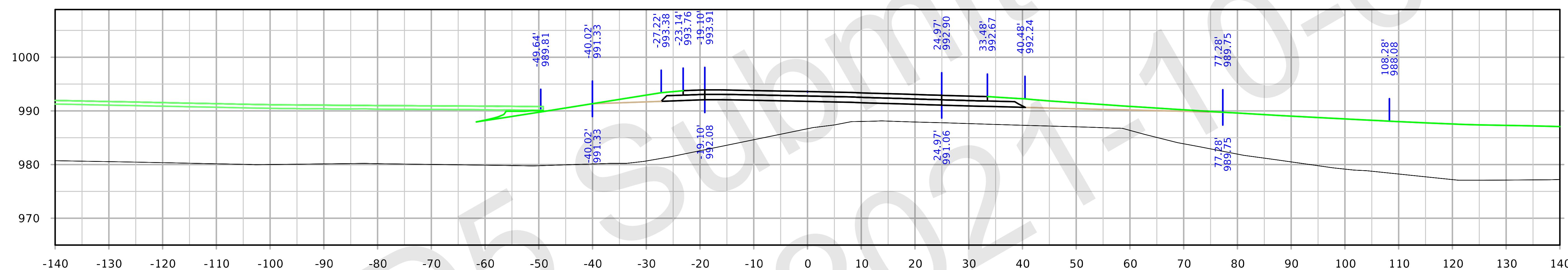
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.112

6:49:43 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126A_77035309Z08.dgn

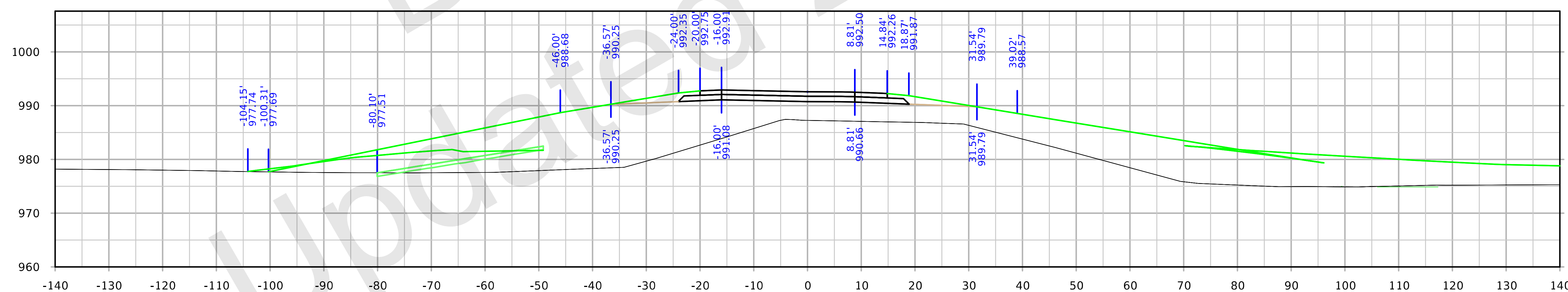
126th Ave Ramp A



STA. 1593+86.10



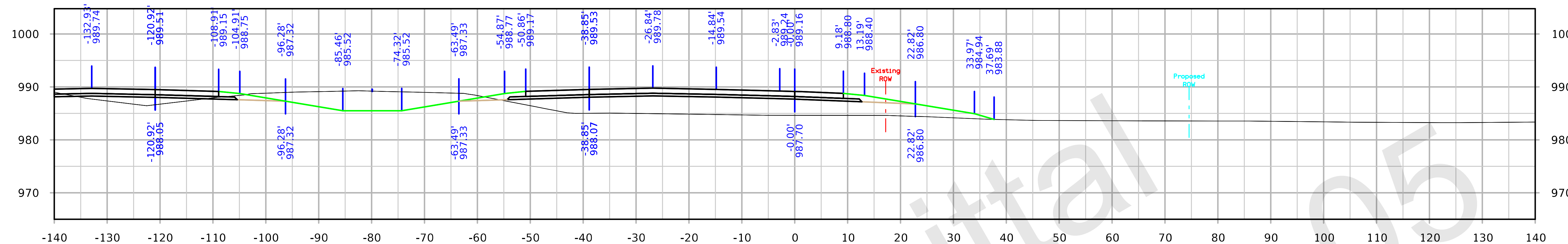
STA. 1593+50.00



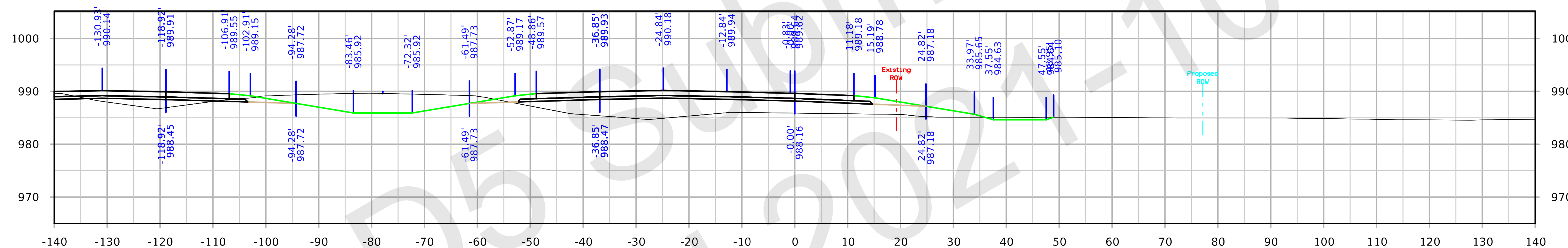
STA. 1593+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.113

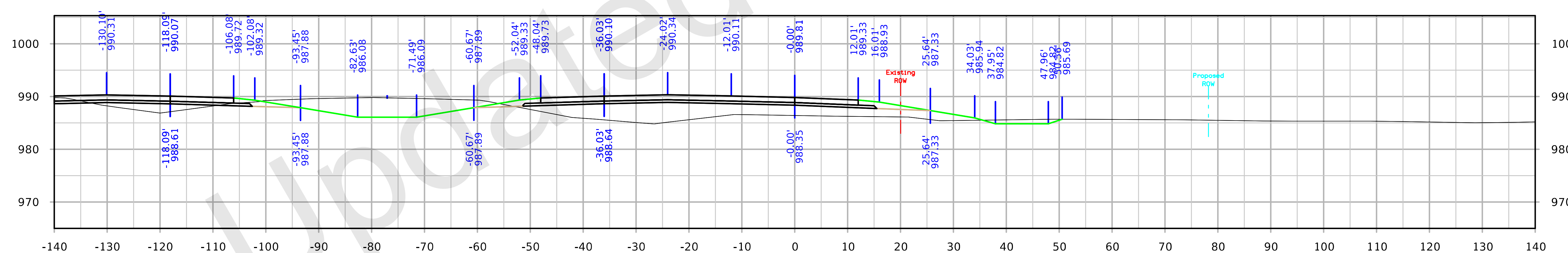
126th Ave Ramp B



STA. 2495+50.00



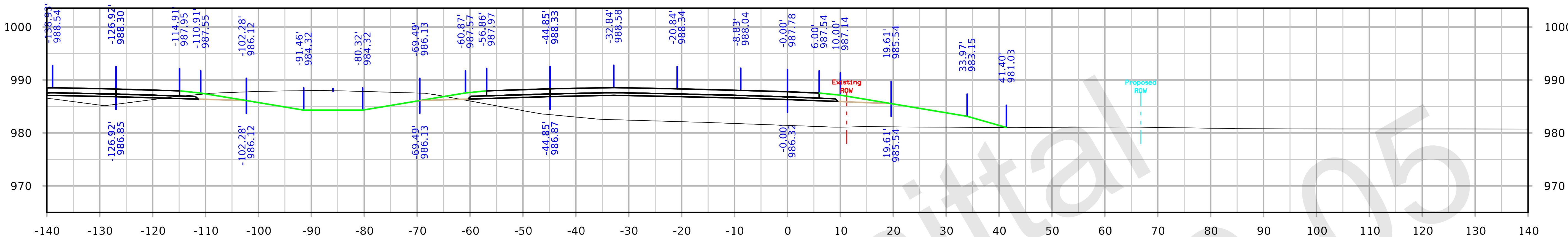
STA. 2495+00.00



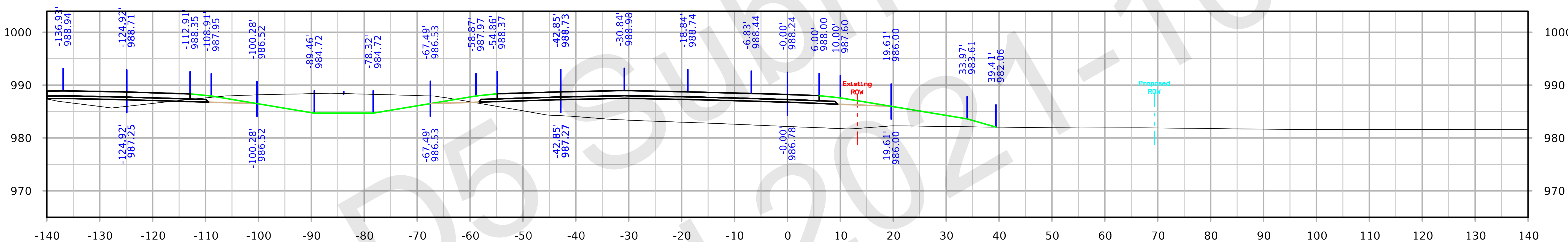
STA. 2494+79.36

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.200

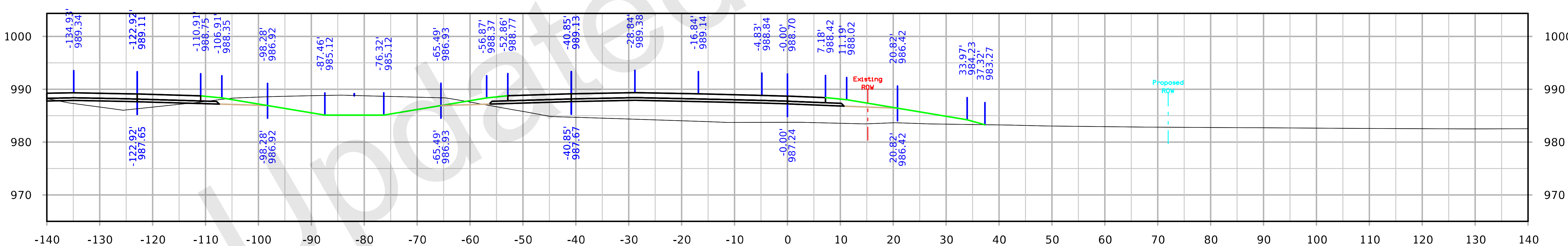
126th Ave Ramp B



STA. 2497+00.00



STA. 2496+50.00

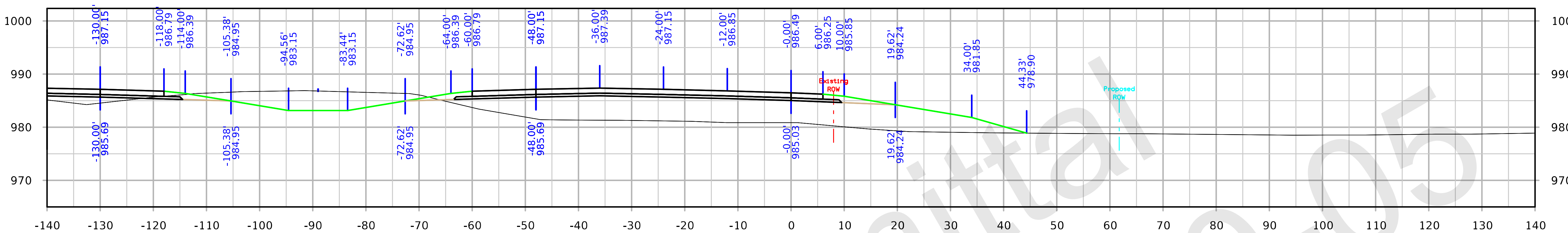


STA. 2496+00.00

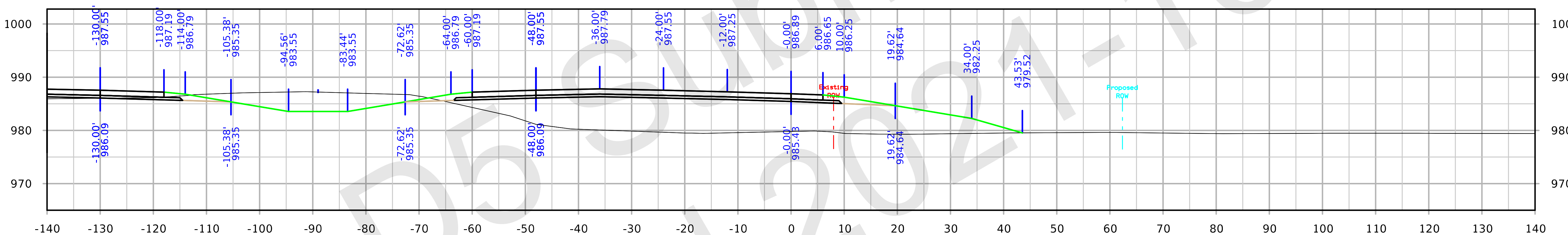
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.201

6:53:29 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126B_77035309Z08.dgn

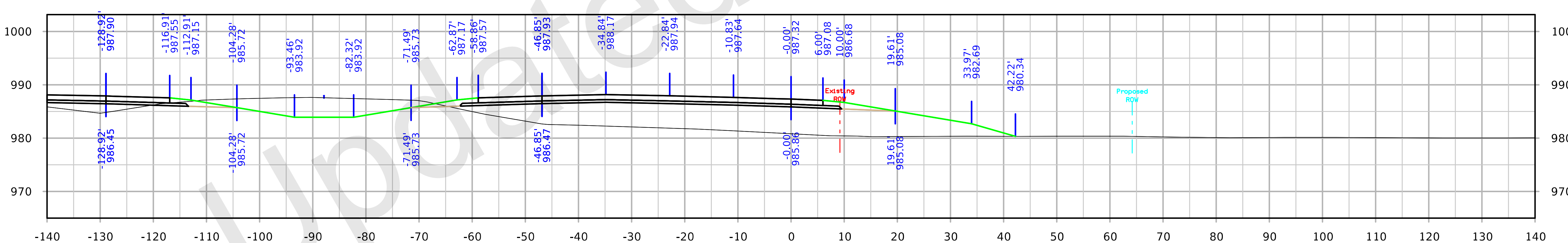
126th Ave Ramp B



STA. 2498+50.00



STA. 2498+00.00

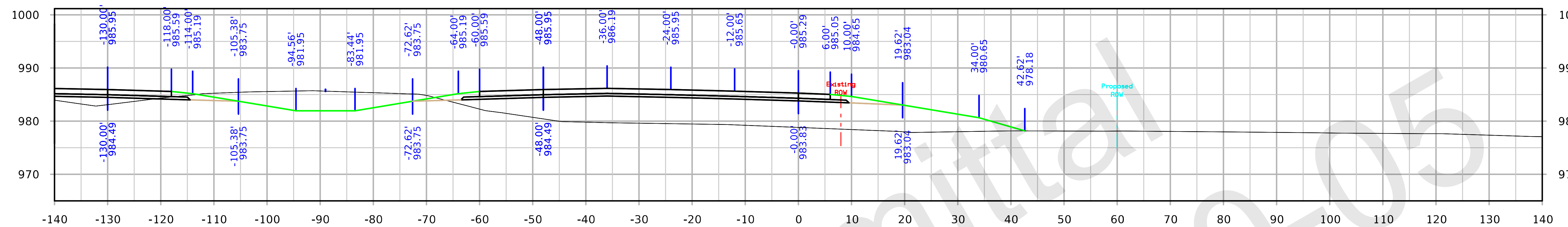


STA. 2497+50.00

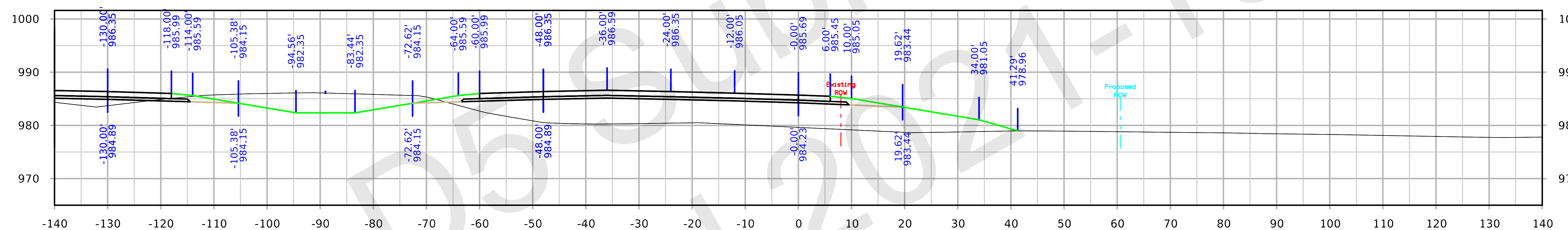
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.202

6:54:25 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126B_77035309Z08.dgn

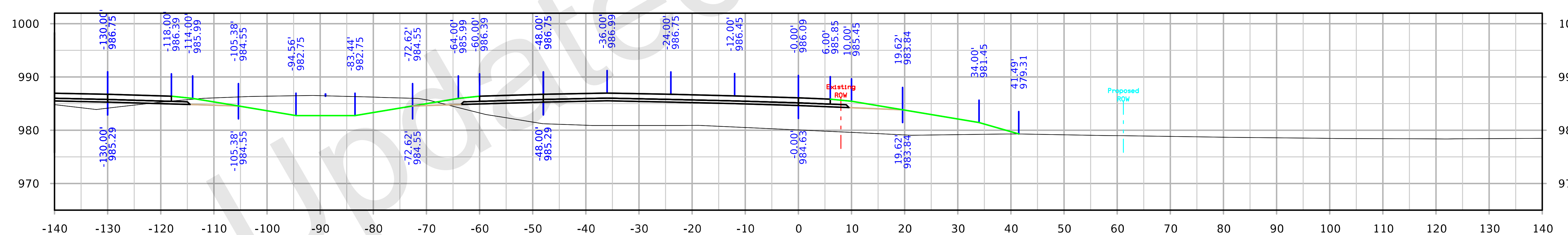
126th Ave Ramp B



STA. 2500+00.00



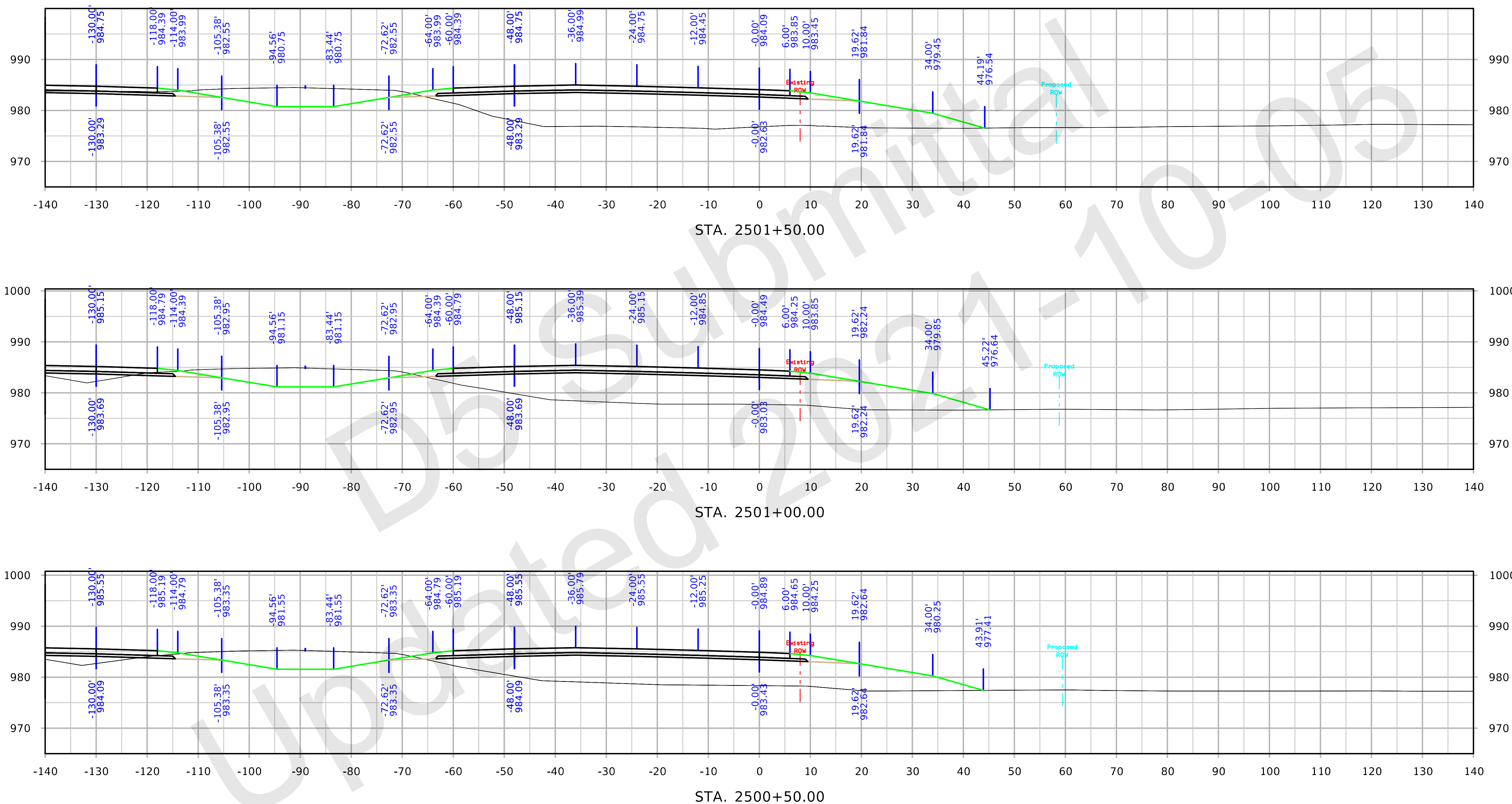
STA. 2499+50.00



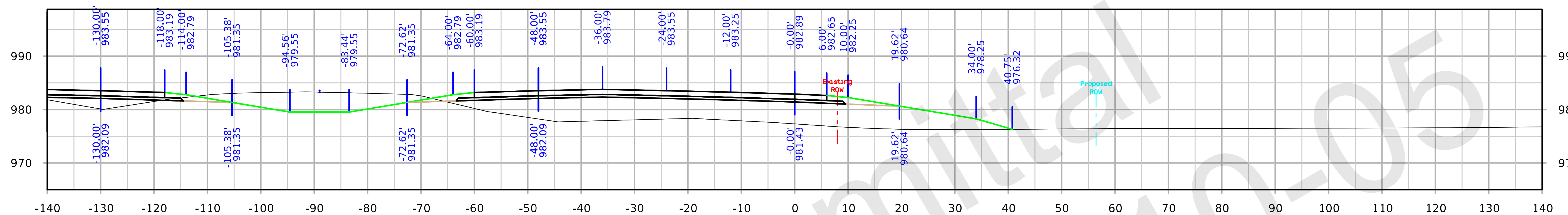
STA. 2499+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.203

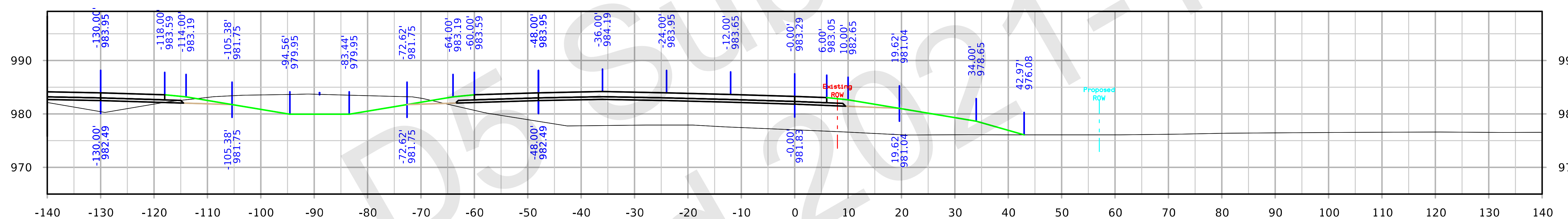
126th Ave Ramp B



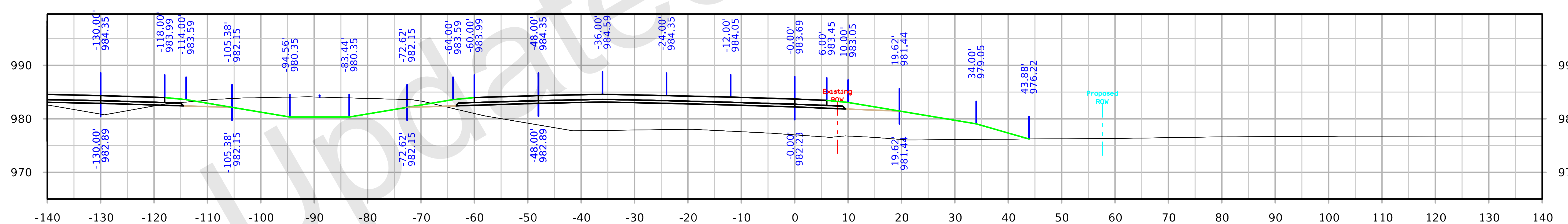
126th Ave Ramp B



STA. 2503+00.00



STA. 2502+50.00

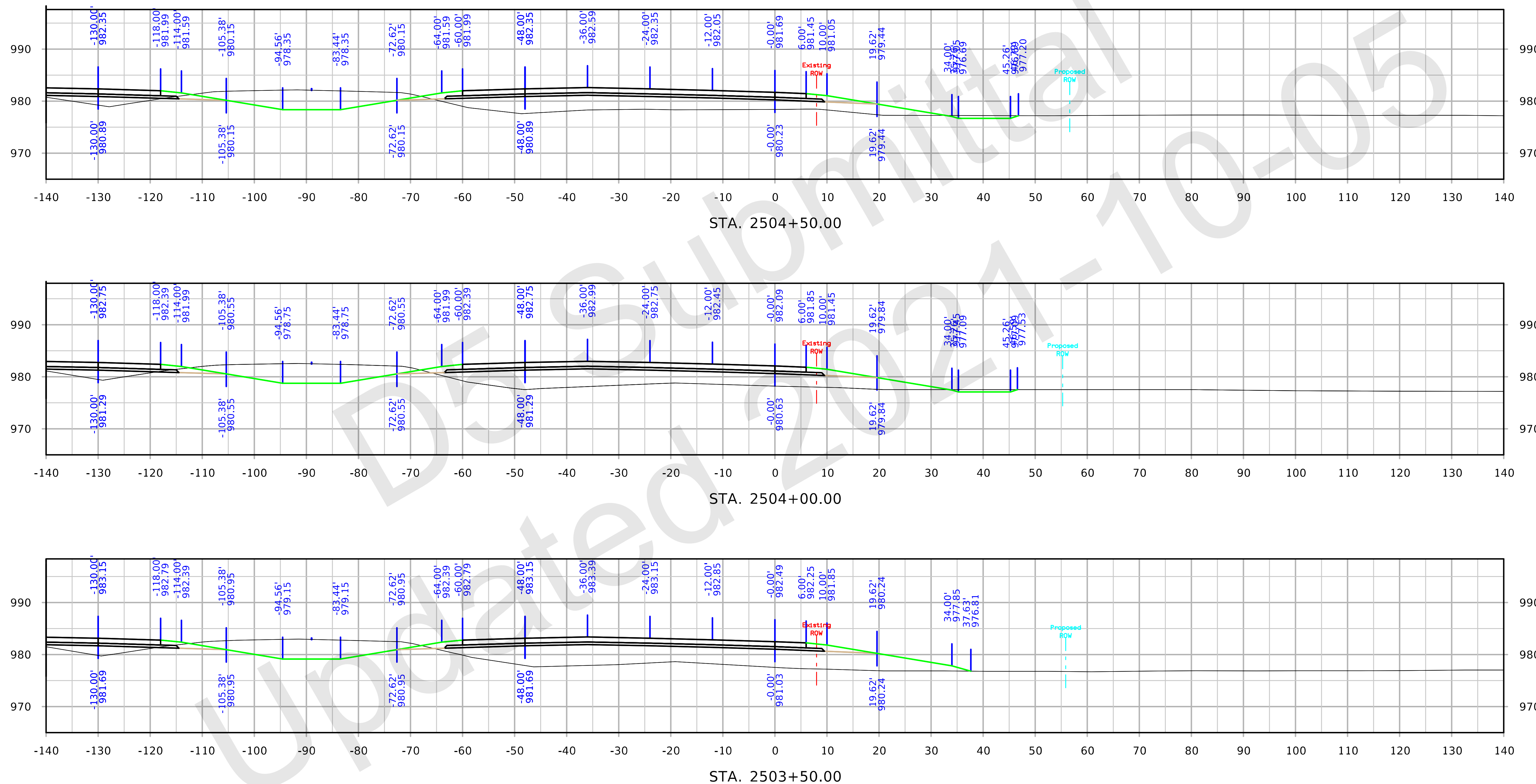


STA. 2502+00.00

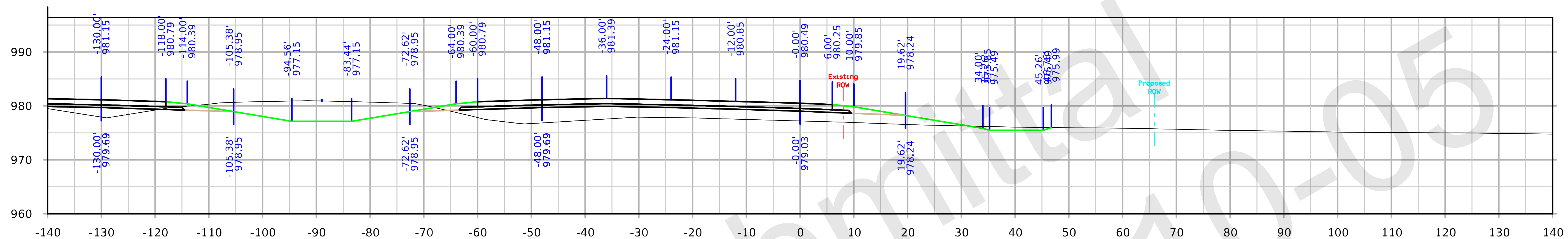
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.205

6:57:34 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126B_77035309Z08.dgn

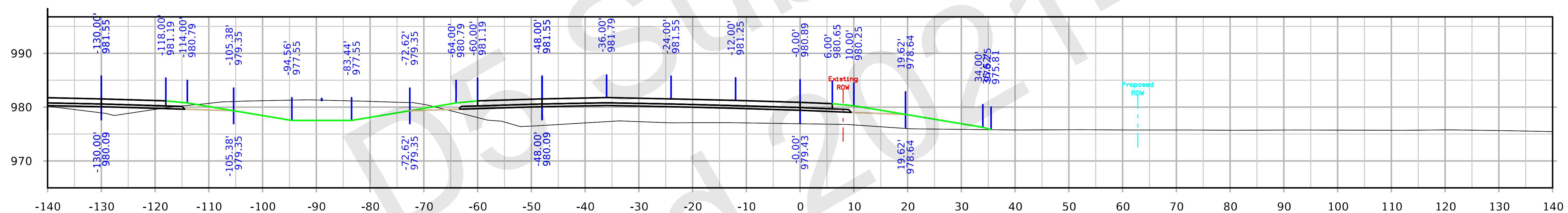
126th Ave Ramp B



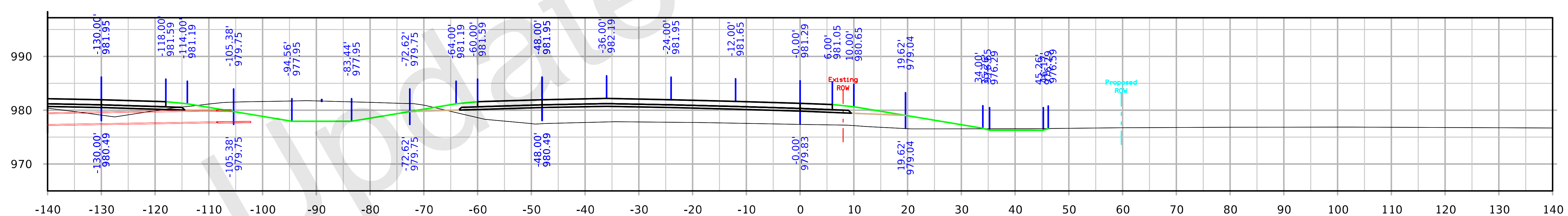
126th Ave Ramp B



STA. 2506+00.00

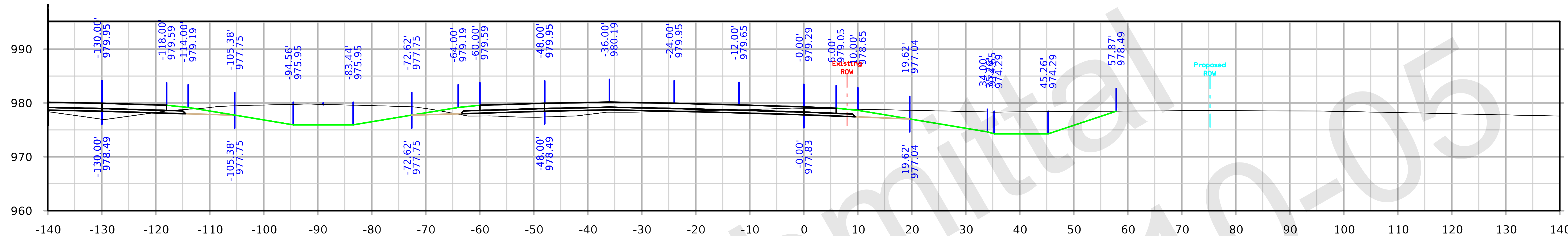


STA. 2505+50.00

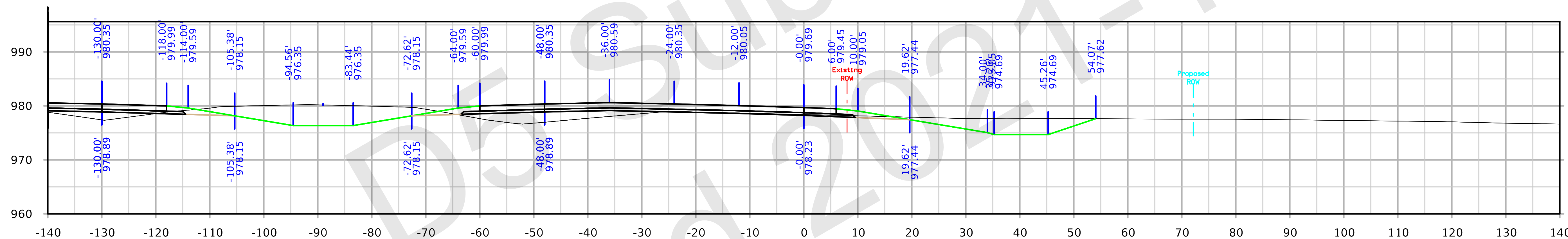


STA. 2505+00.00

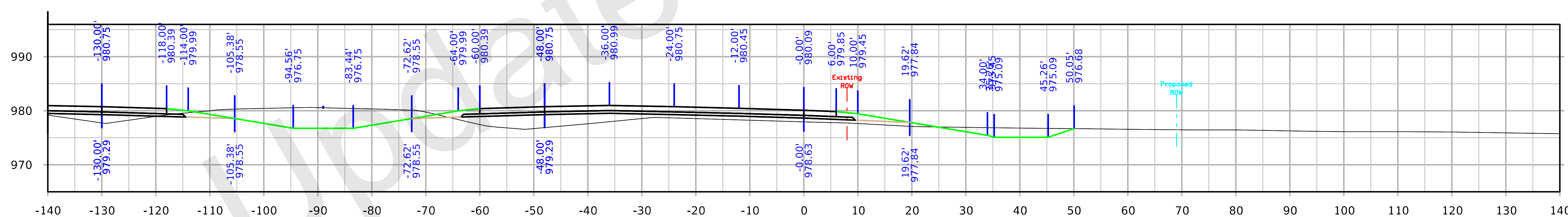
126th Ave Ramp B



STA. 2507+50.00



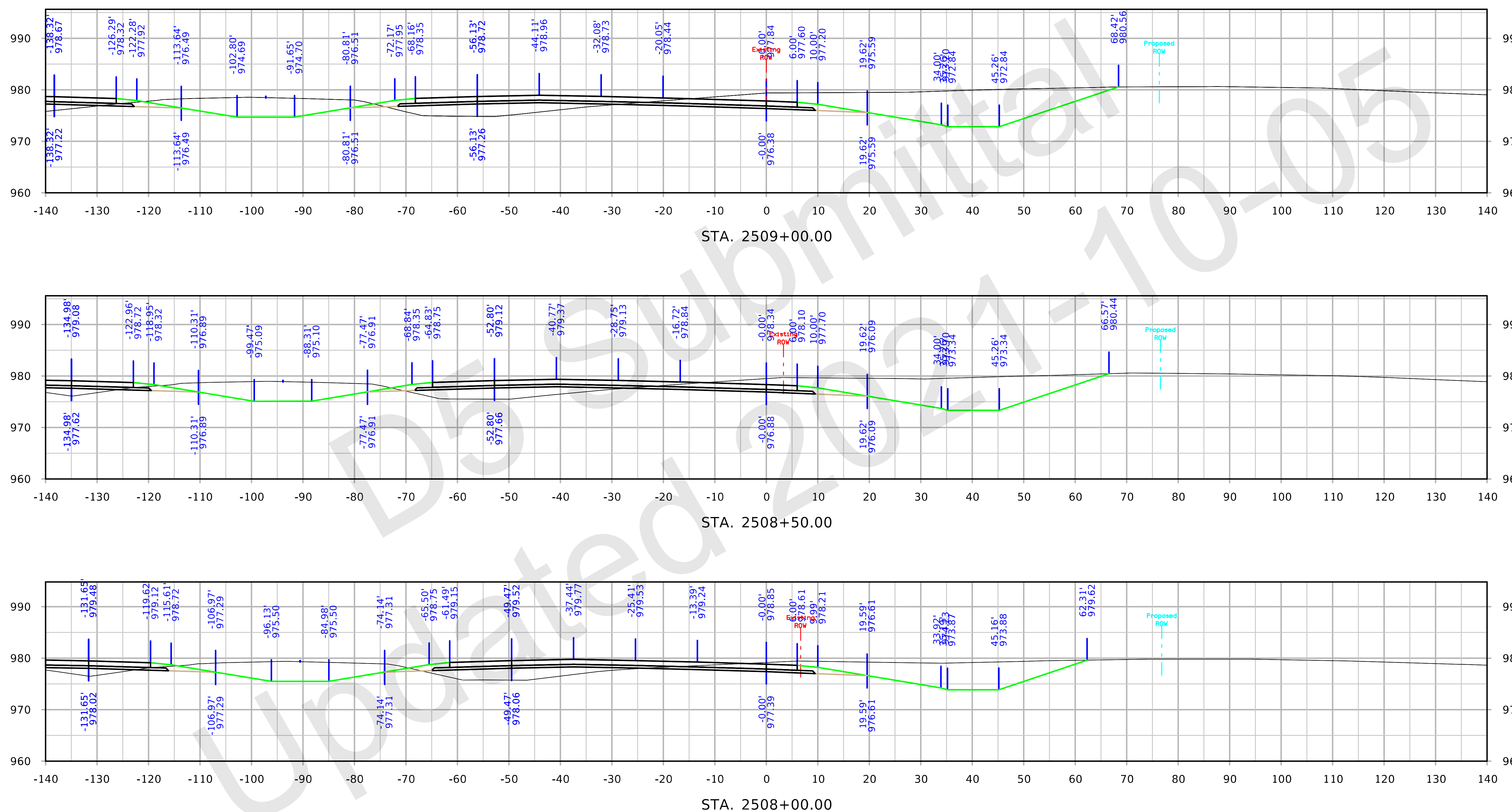
STA. 2507+00.00



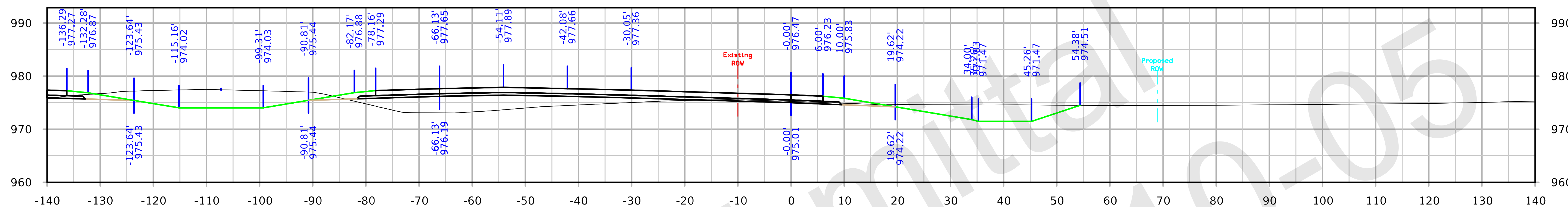
STA. 2506+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.208

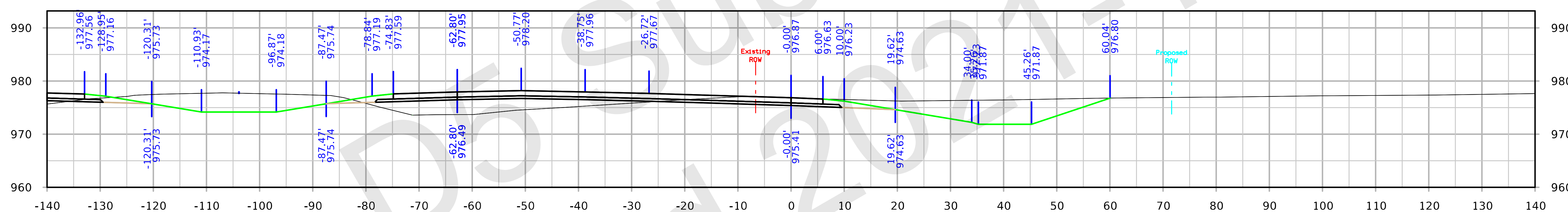
126th Ave Ramp B



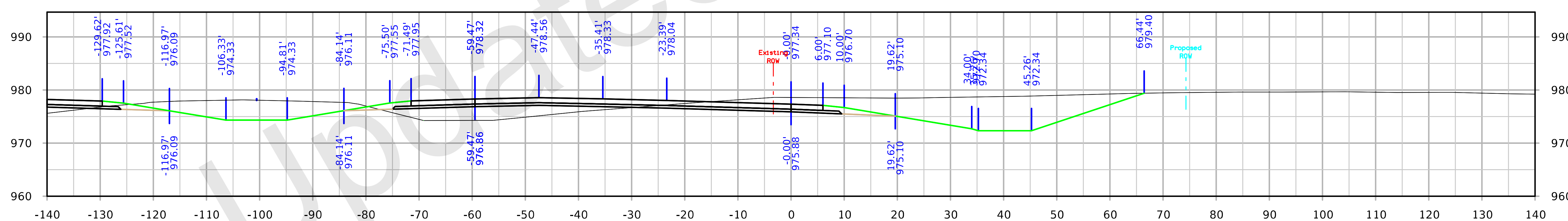
126th Ave Ramp B



STA. 2510+50.00



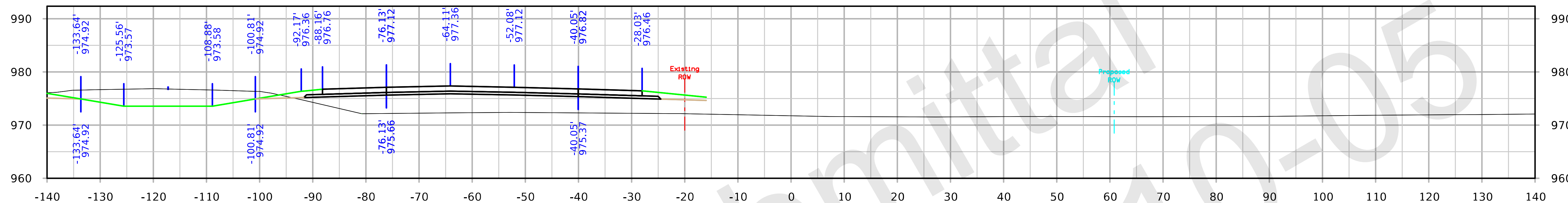
STA. 2510+00.00



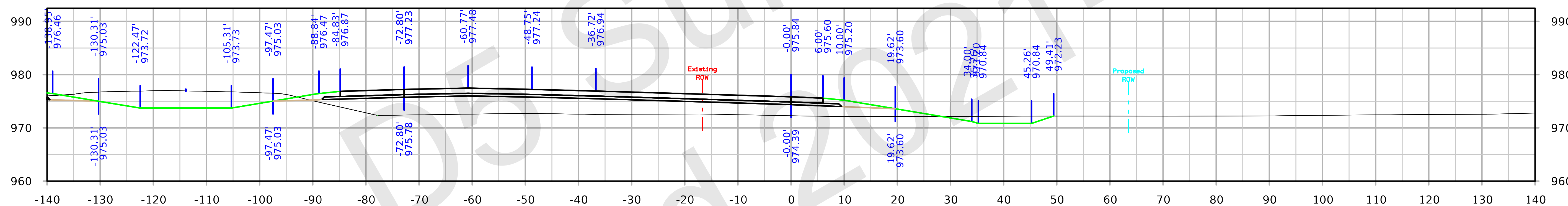
STA. 2509+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.210

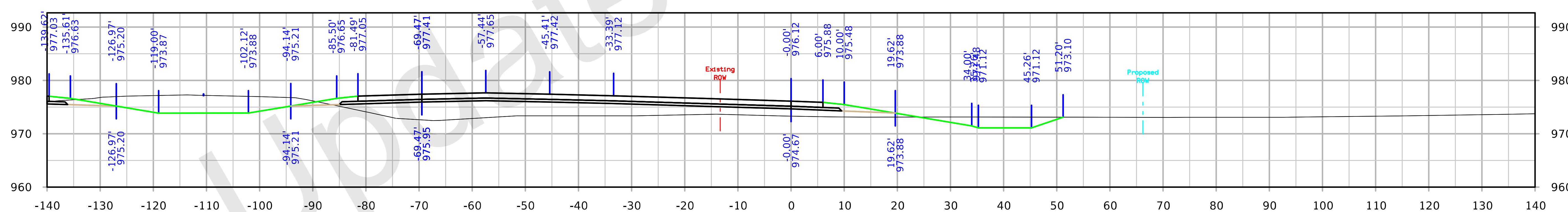
126th Ave Ramp B



STA. 2512+00.00



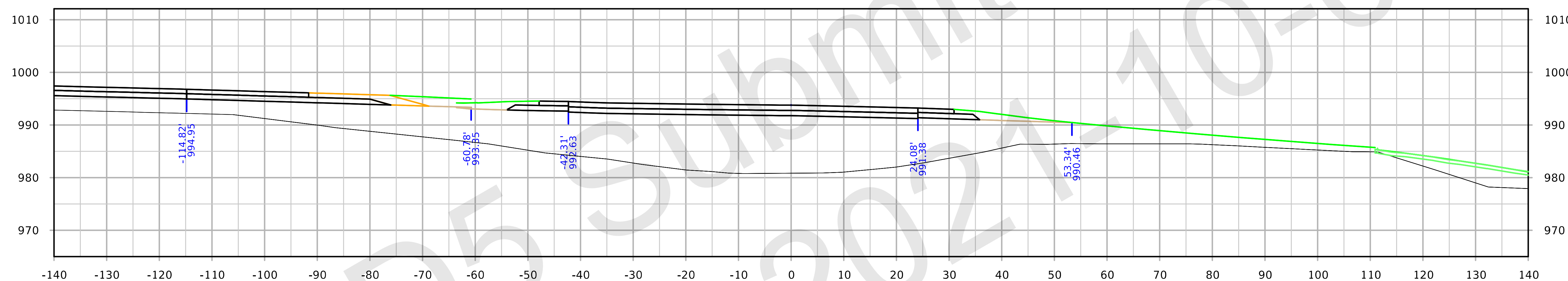
STA. 2511+50.00



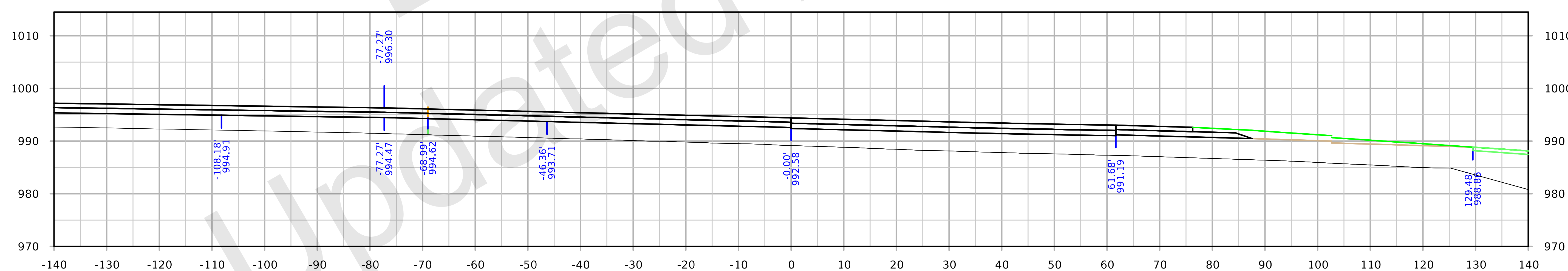
STA. 2511+00.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER Y.211

126th Ave Ramp C

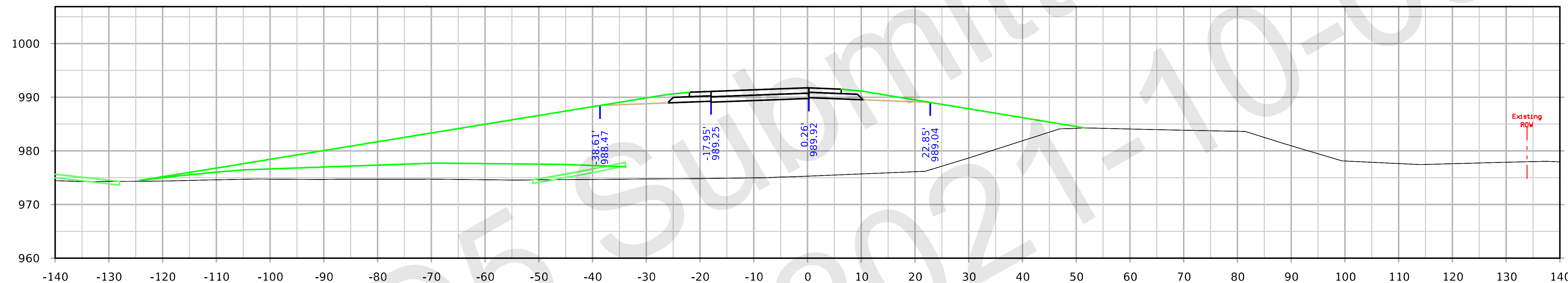


STA. 3493+00.00

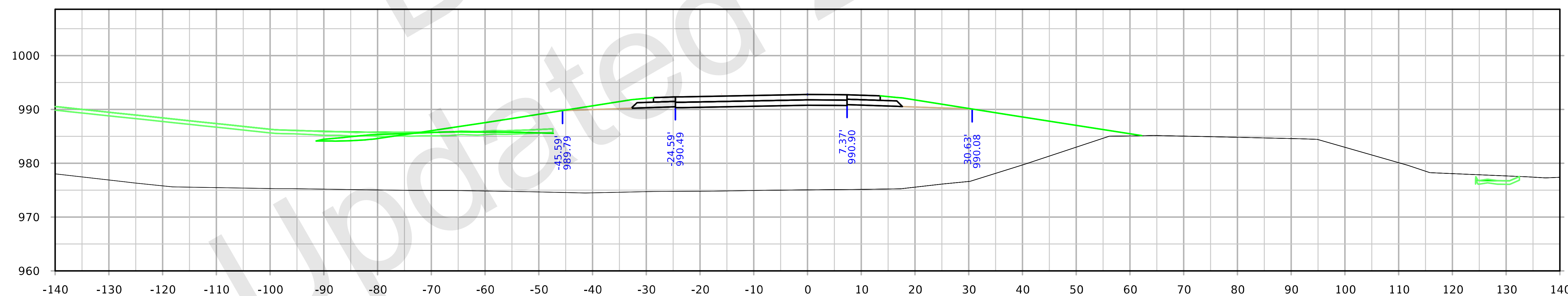


STA. 3492+69.24

126th Ave Ramp C



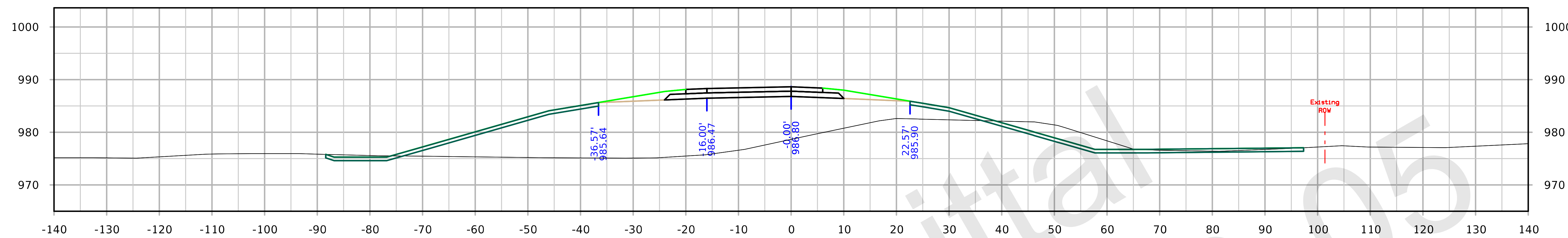
STA. 3494+00.00



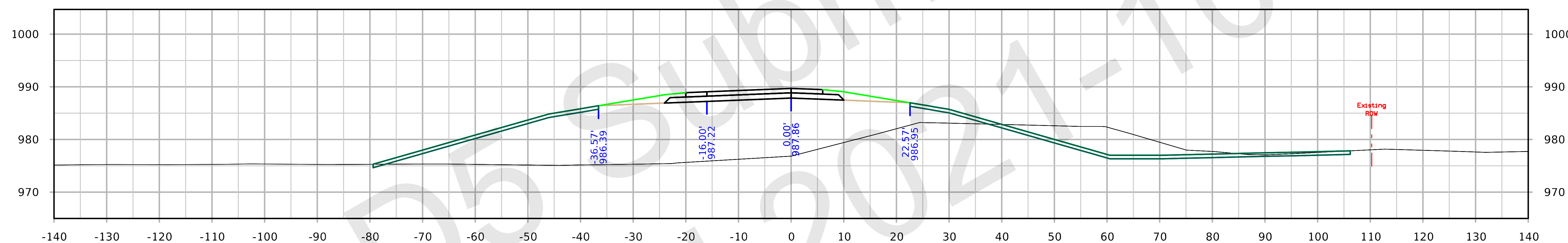
STA. 3493+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.301

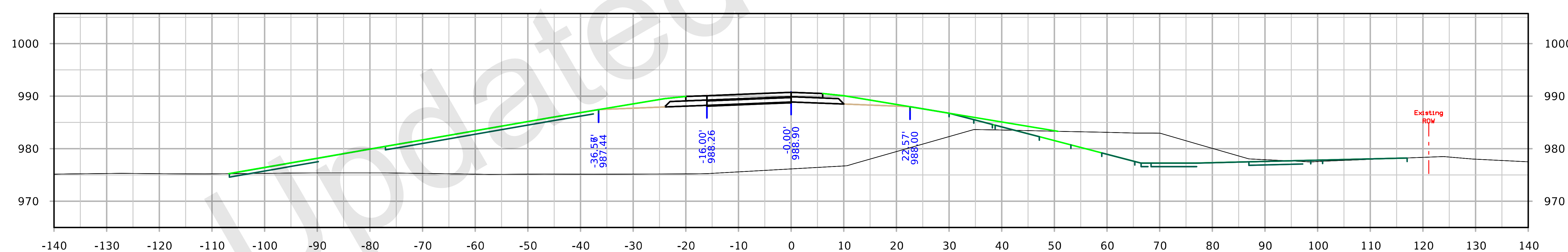
126th Ave Ramp C



STA. 3495+50.00

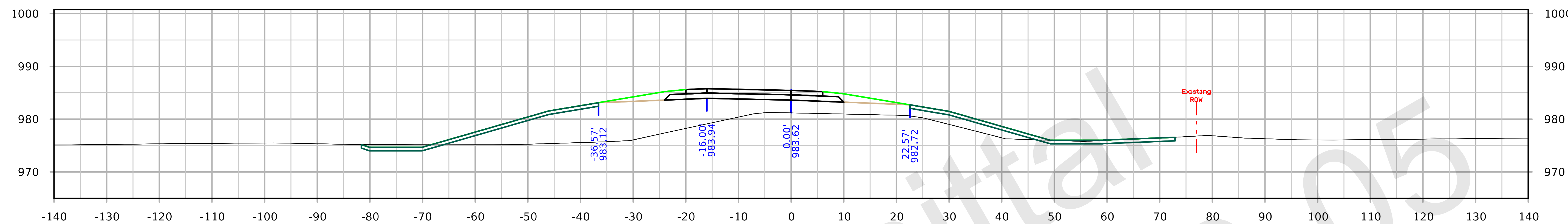


STA. 3495+00.00

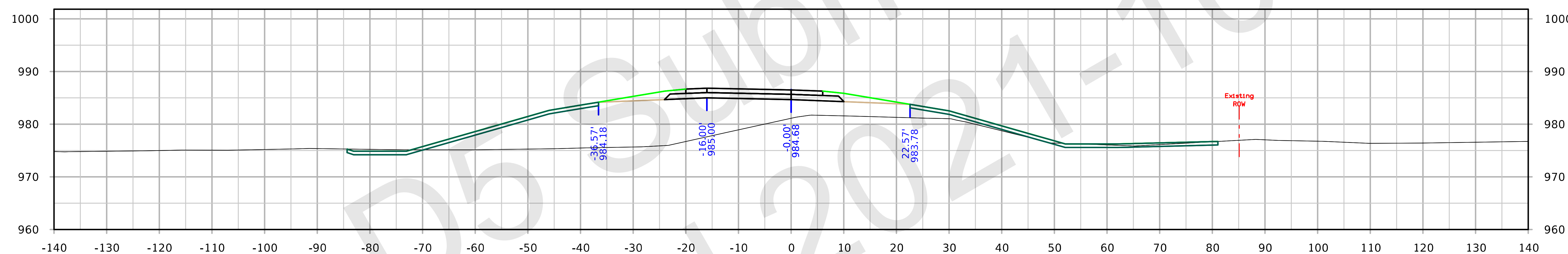


STA. 3494+50.00

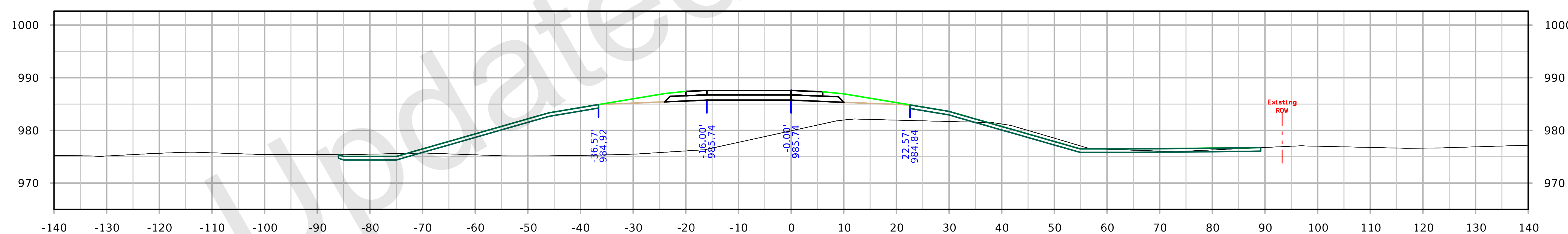
126th Ave Ramp C



STA. 3497+00.00



STA. 3496+50.00

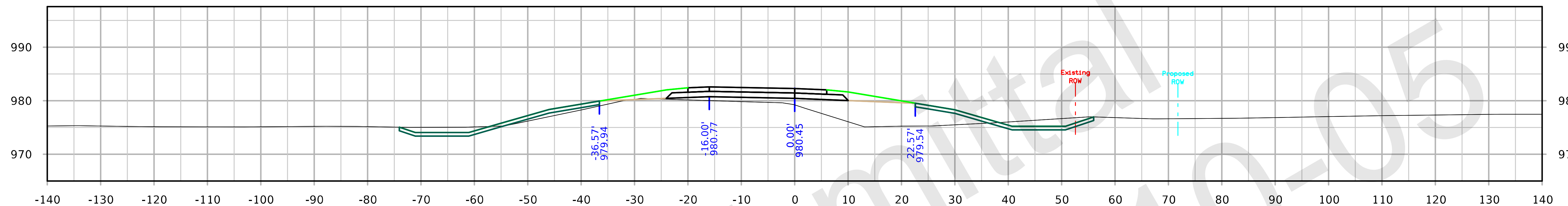


STA. 3496+00.00

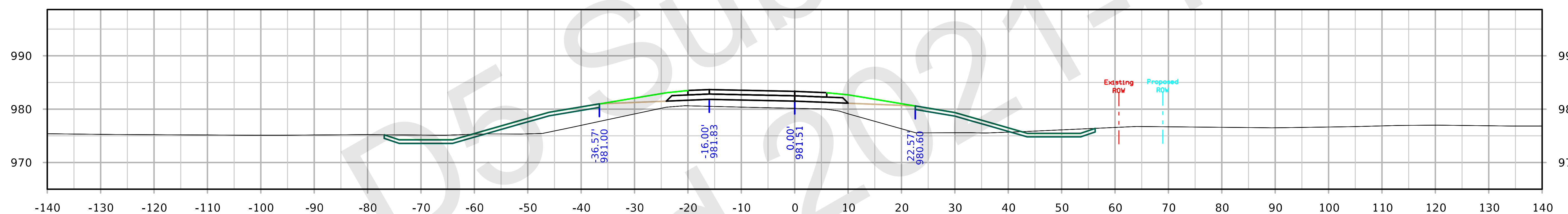
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.303

8:19:23 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126C_77035309Z08.dgn

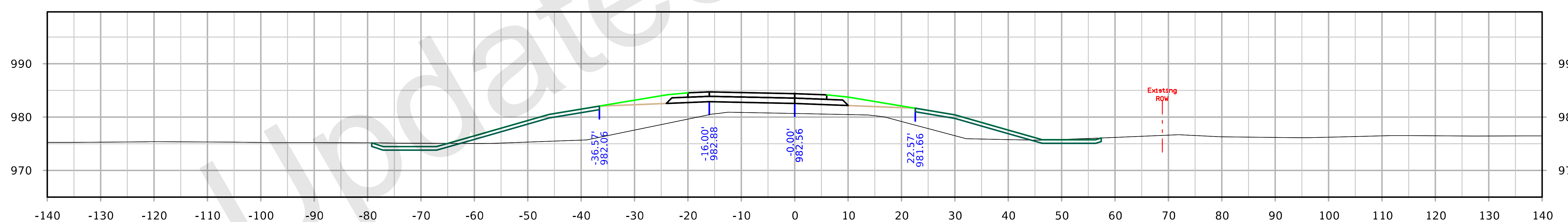
126th Ave Ramp C



STA. 3498+50.00



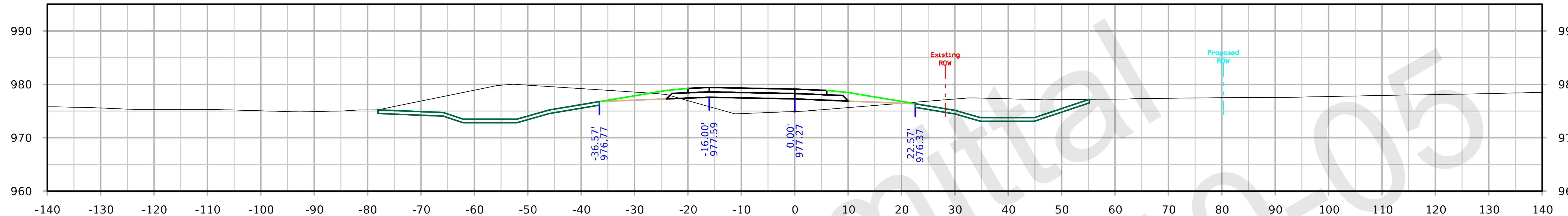
STA. 3498+00.00



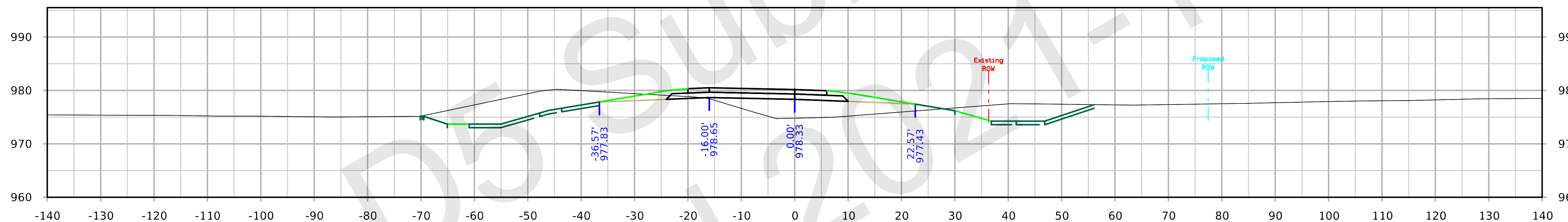
STA. 3497+50.00

FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER Y.304

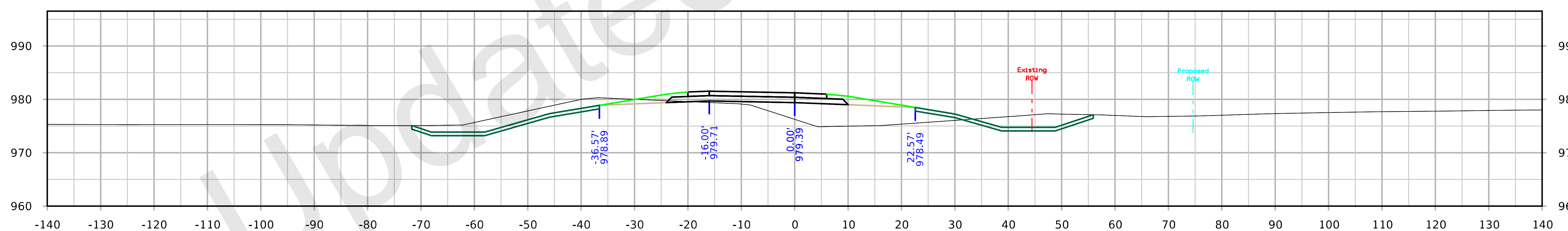
126th Ave Ramp C



STA. 3500+00.00

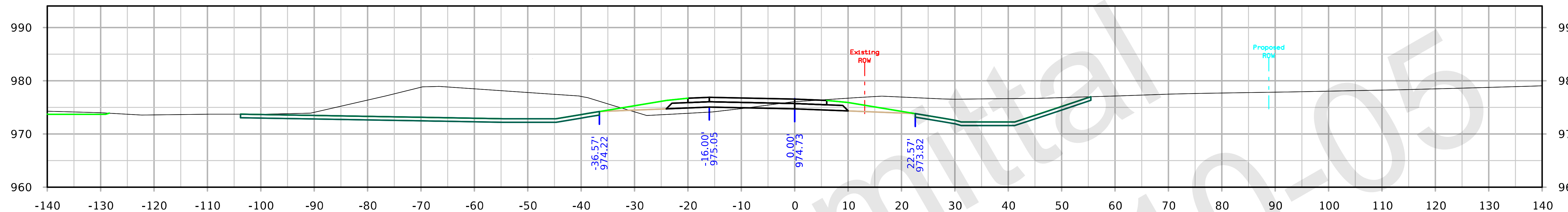


STA. 3499+50.00

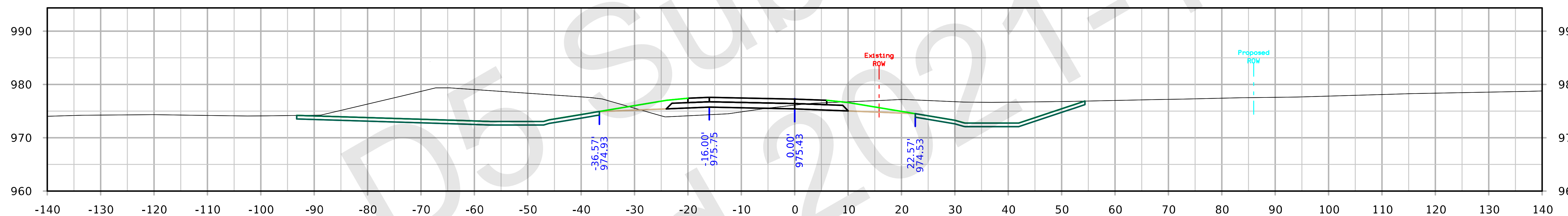


STA. 3499+00.00

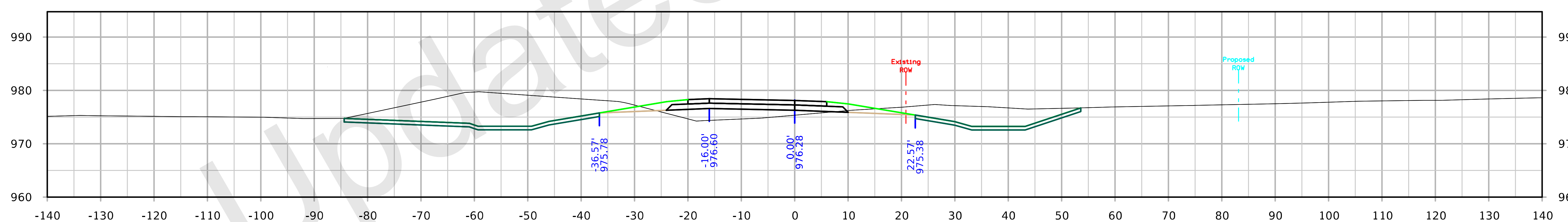
126th Ave Ramp C



STA. 3501+50.00



STA. 3501+00.00

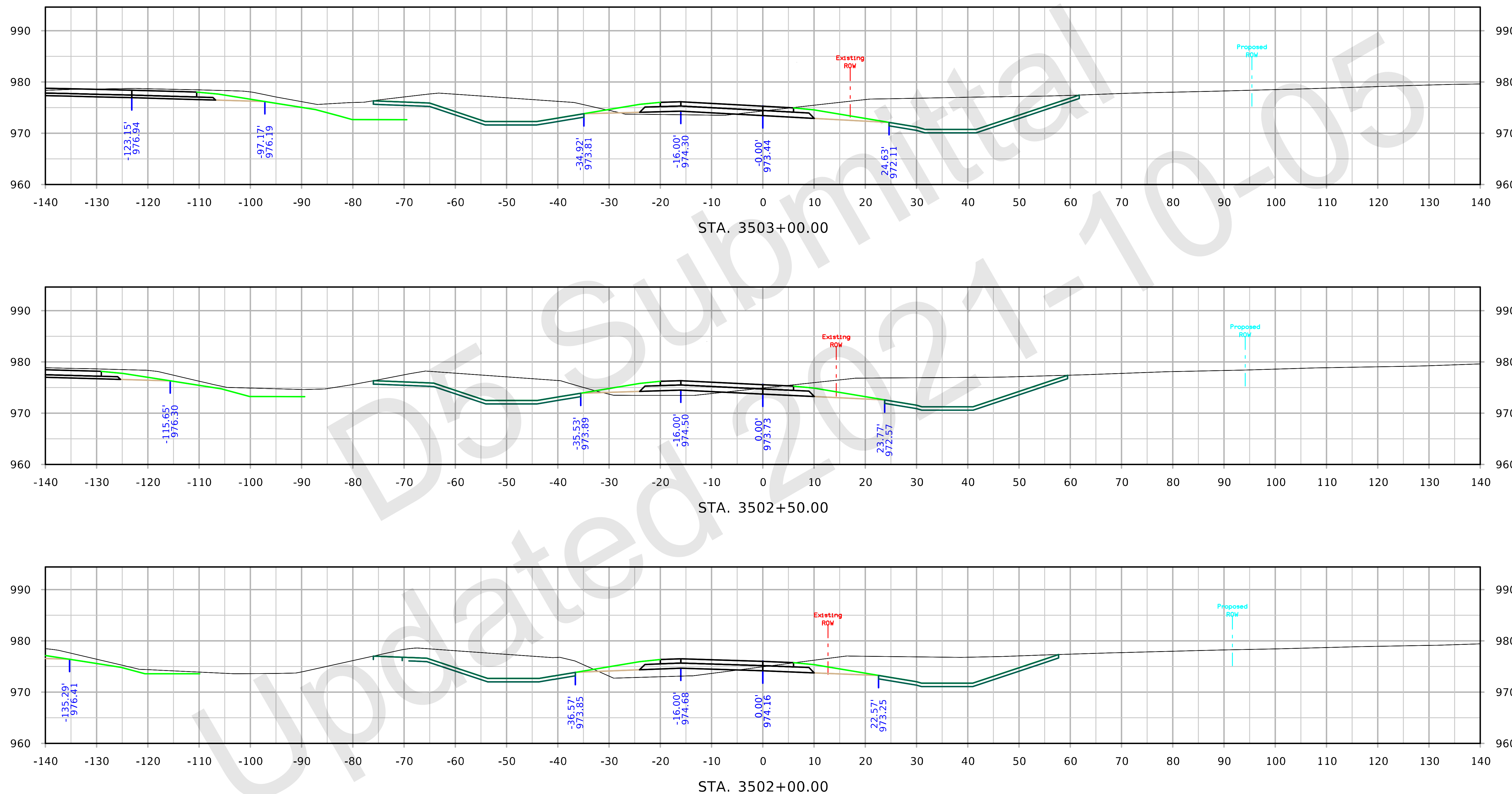


STA. 3500+50.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER Y.306	

8:20:46 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126C_77035309Z08.dgn

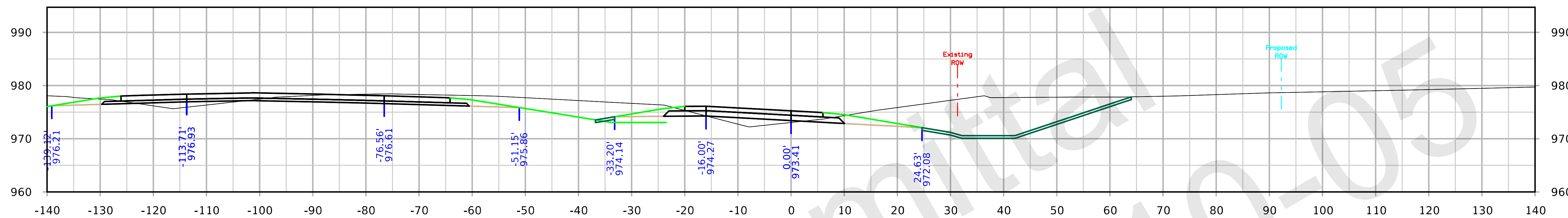
126th Ave Ramp C



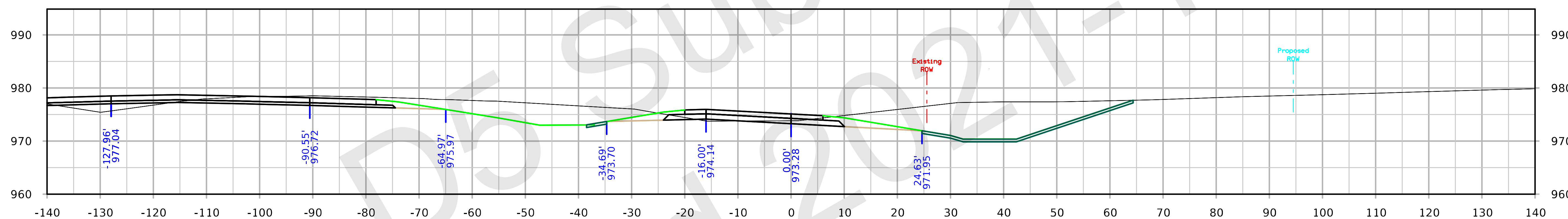
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.307

8:21:14 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126C_77035309Z08.dgn

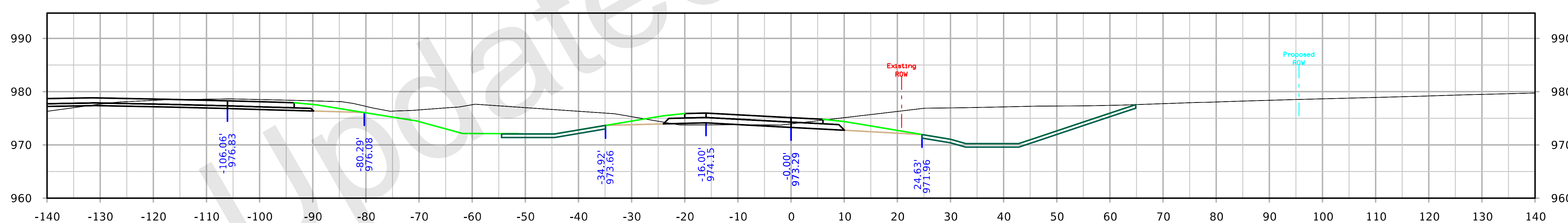
126th Ave Ramp C



STA. 3504+50.00



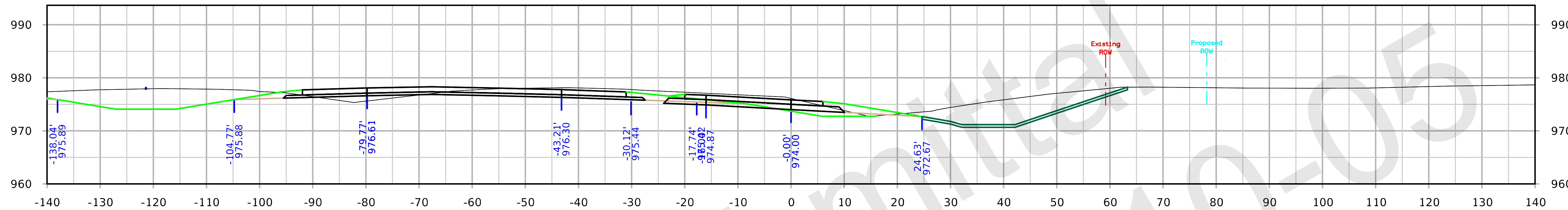
STA. 3504+00.00



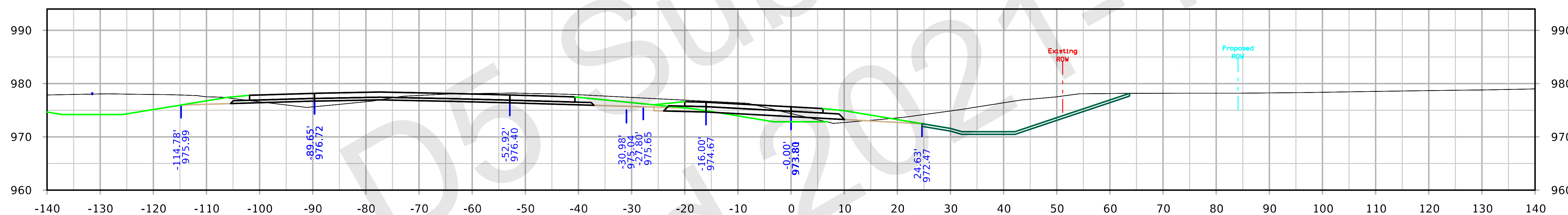
STA. 3503+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.308

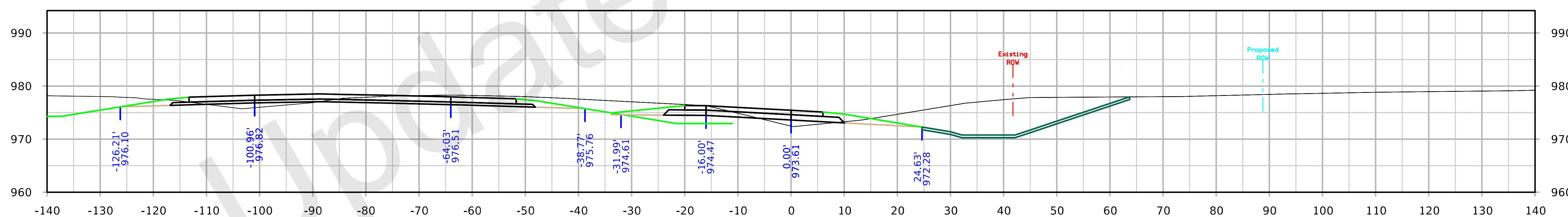
126th Ave Ramp C



STA. 3506+00.00



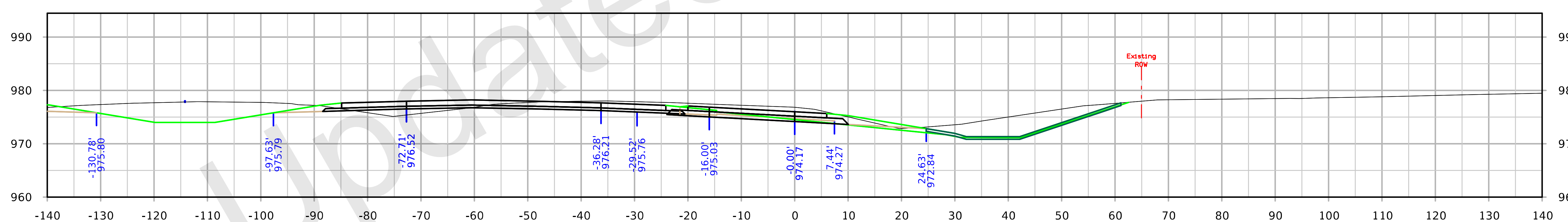
STA. 3505+50.00



STA. 3505+00.00

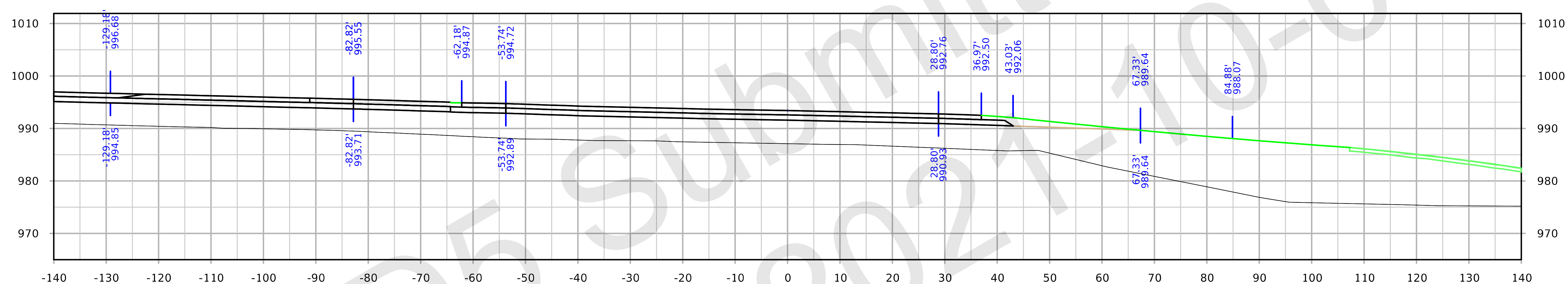
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.309

126th Ave Ramp C

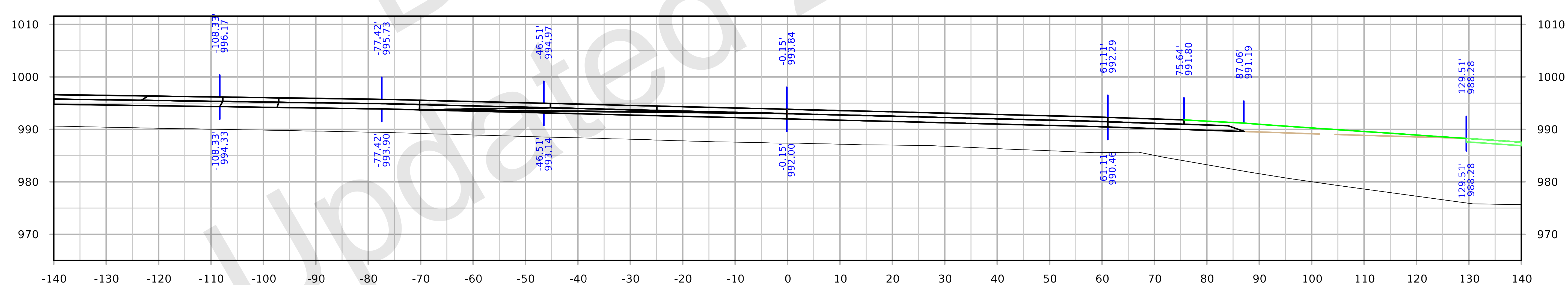


STA. 3506+40.87

FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER Y.310



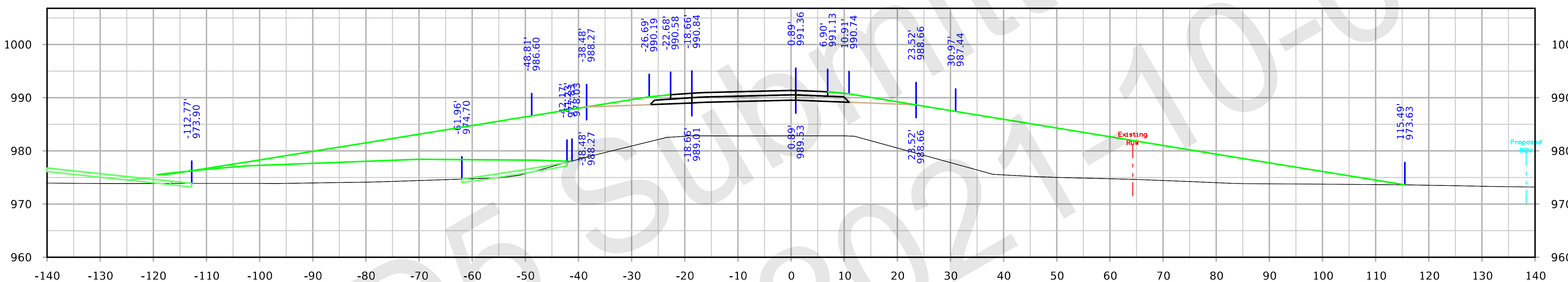
STA. 4561+50.00



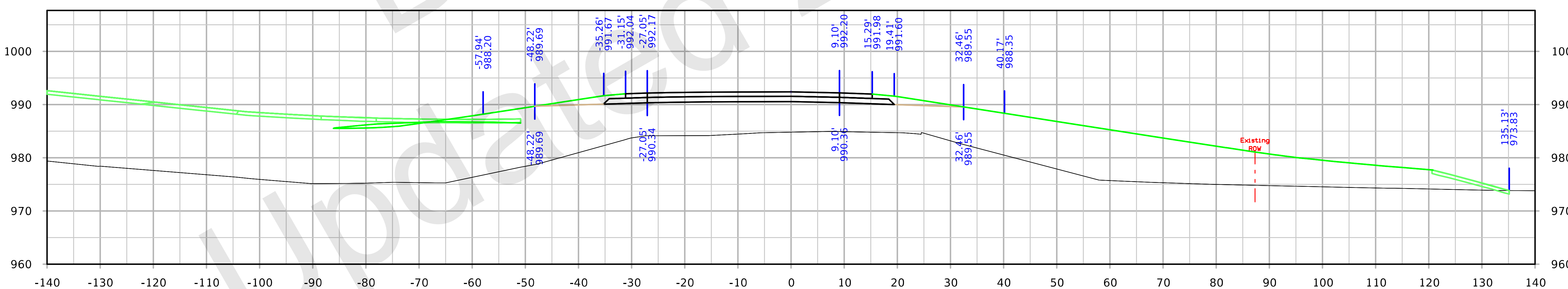
STA. 4561+27.85

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.400

10:08:51 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126D_77035309Z08.dgn

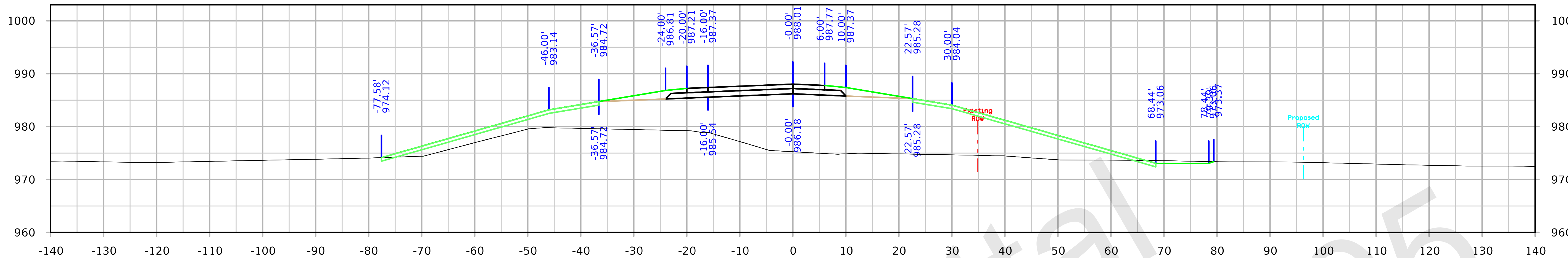


STA. 4562+50.00

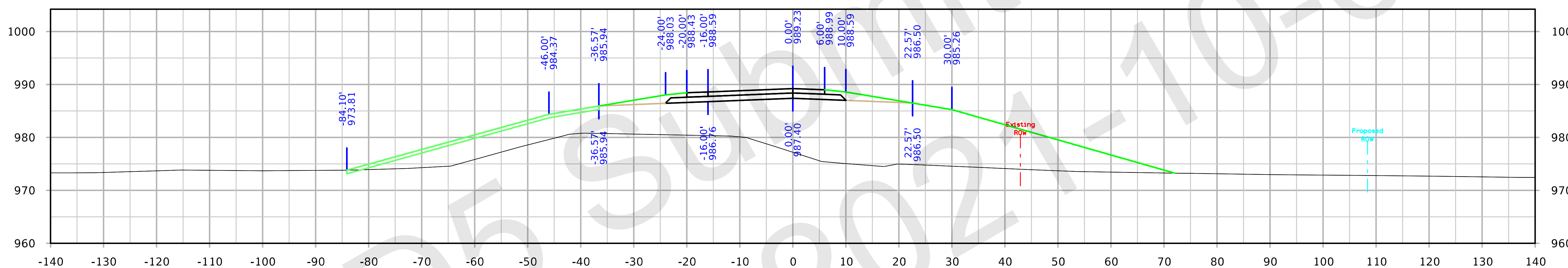


STA. 4562+00.00

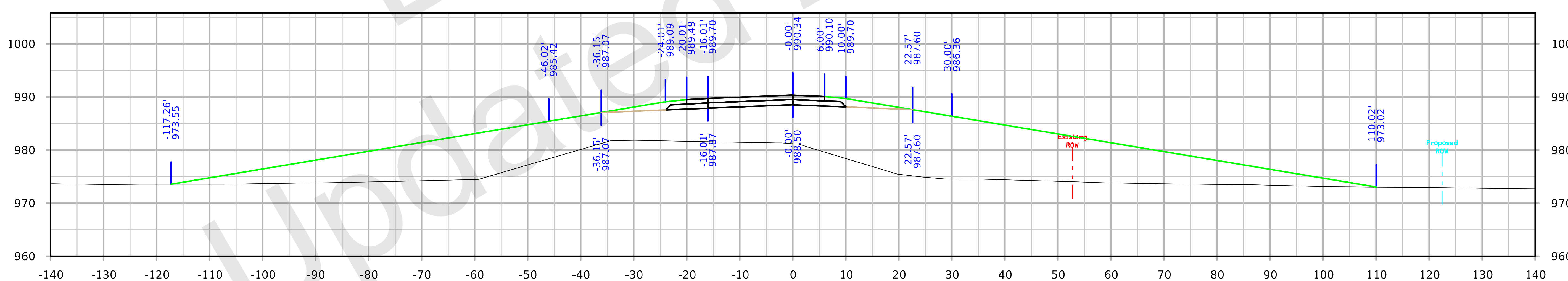
FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.401



STA. 4564+00.00



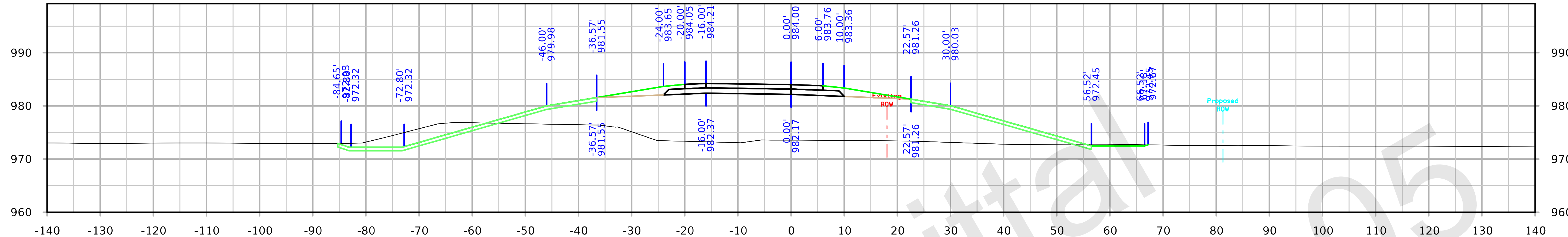
STA. 4563+50.00



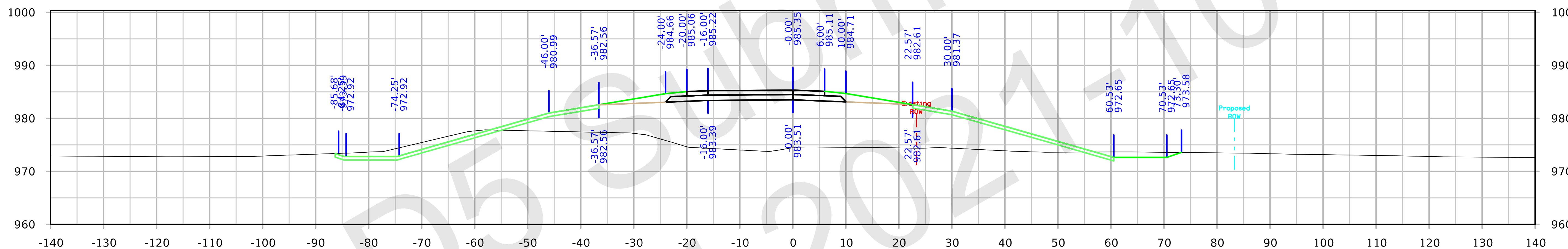
STA. 4563+00.00

FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER Y.402

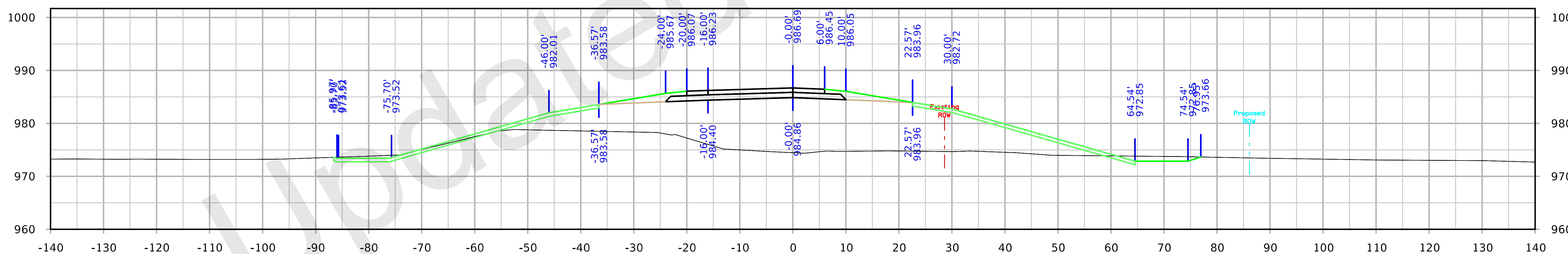
10:09:24 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126D_77035309Z08.dgn



STA. 4565+50.00



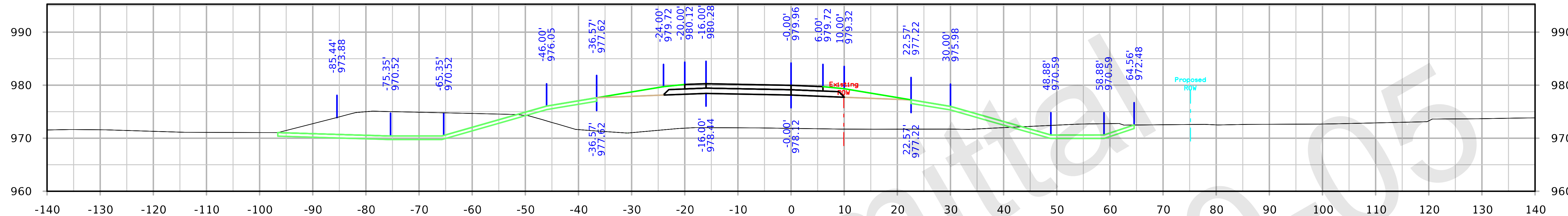
STA. 4565+00.00



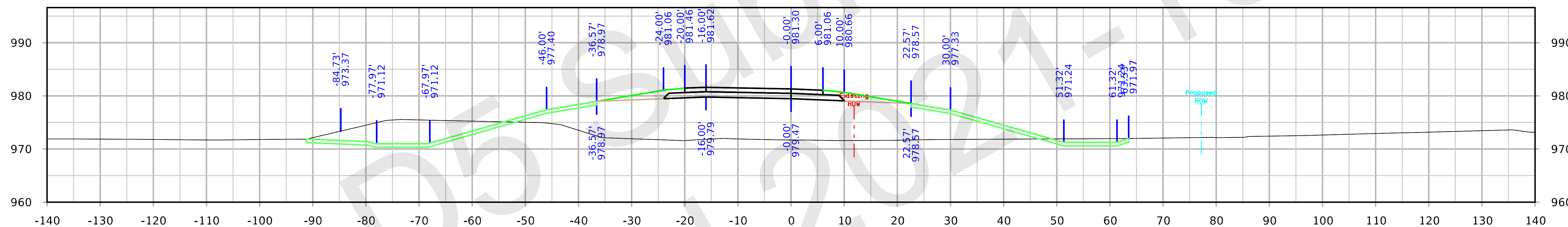
STA. 4564+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.403

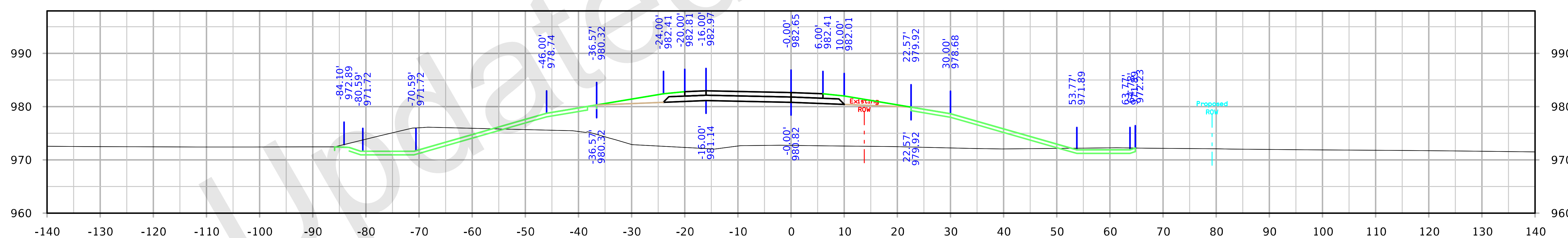
10:09:44 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126D_77035309Z08.dgn



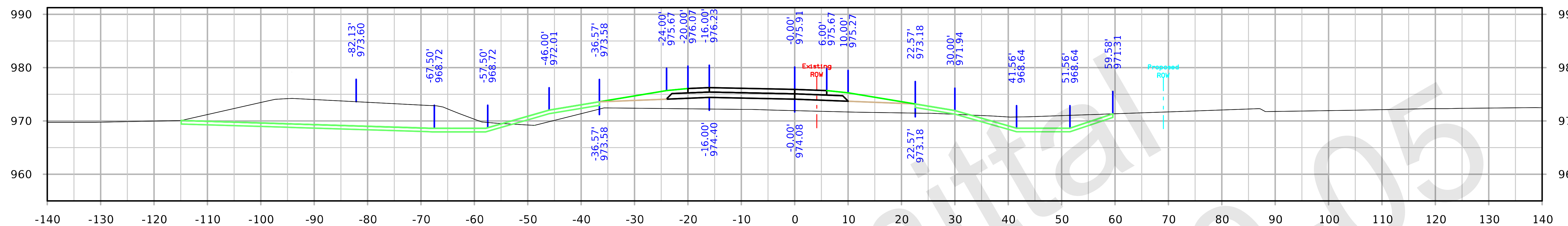
STA. 4567+00.00



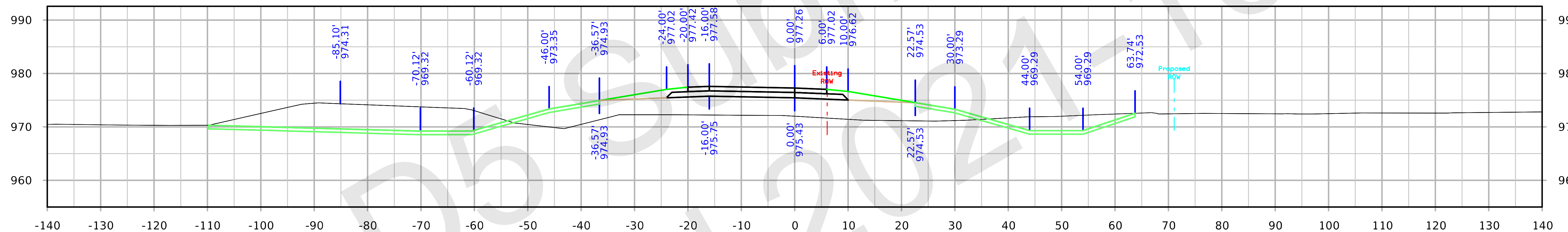
STA. 4566+50.00



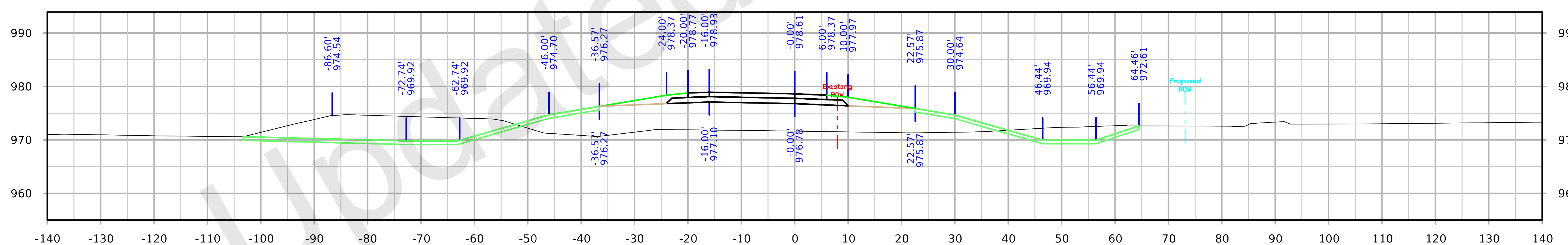
STA. 4566+00.00



STA. 4568+50.00

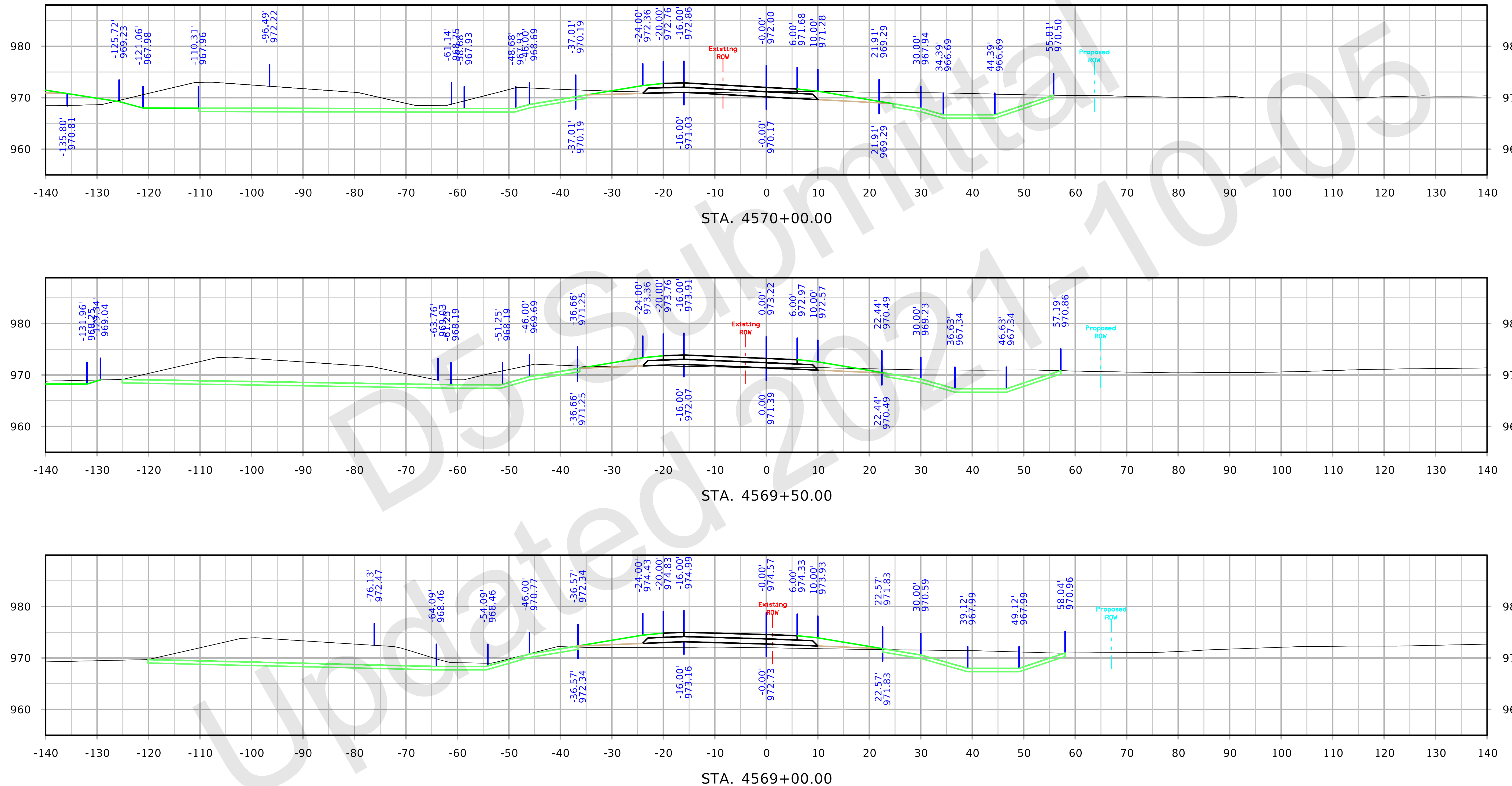


STA. 4568+00.00



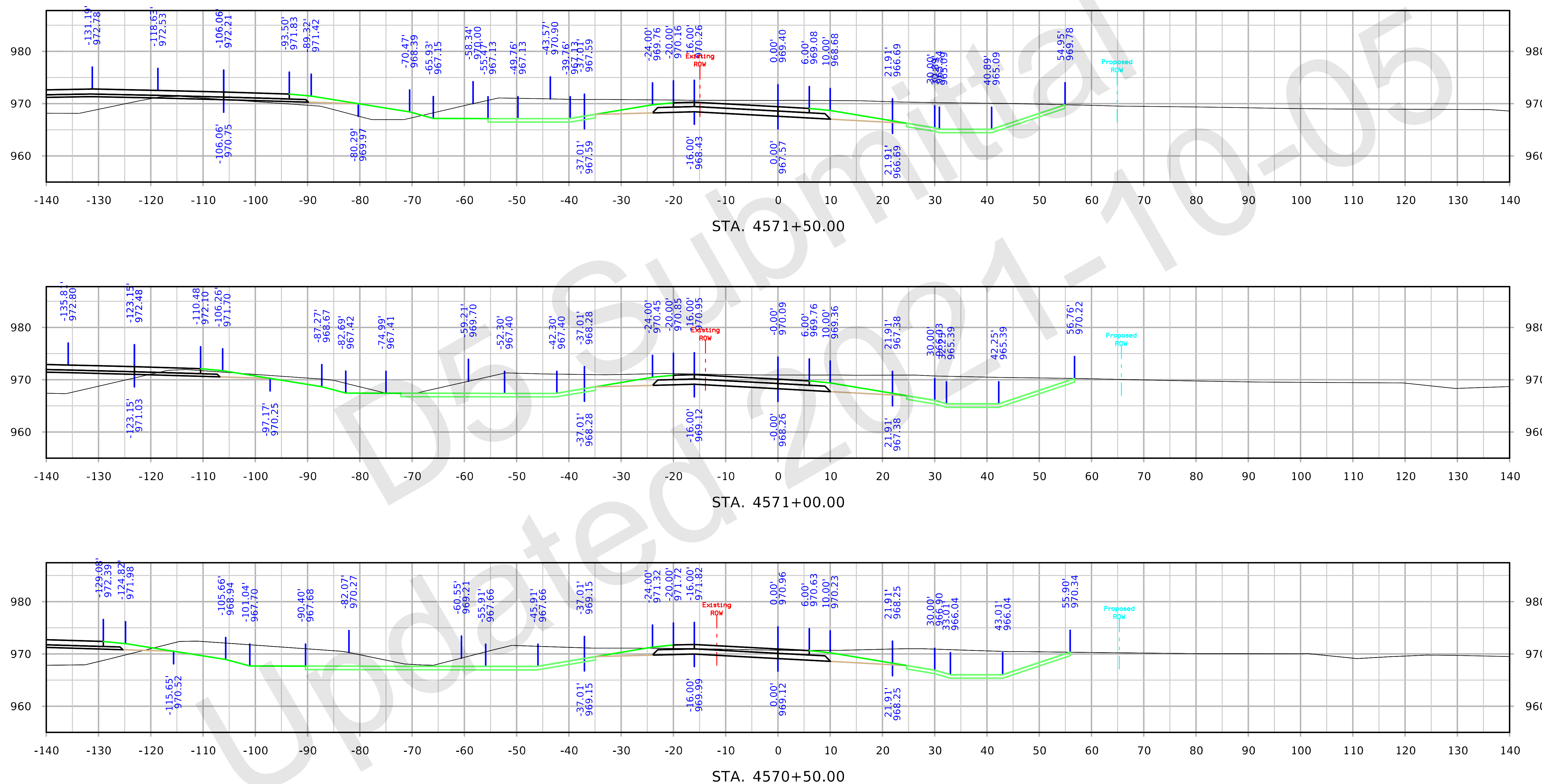
STA. 4567+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.405



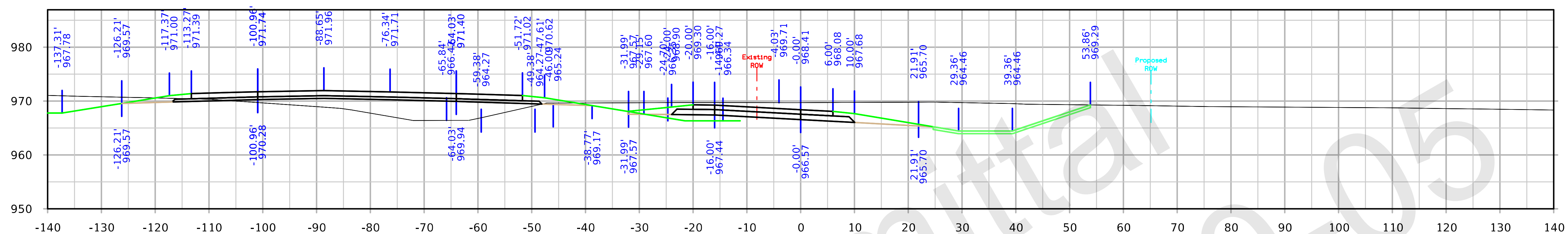
FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER Y.406

10:10:45 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126D_77035309Z08.dgn

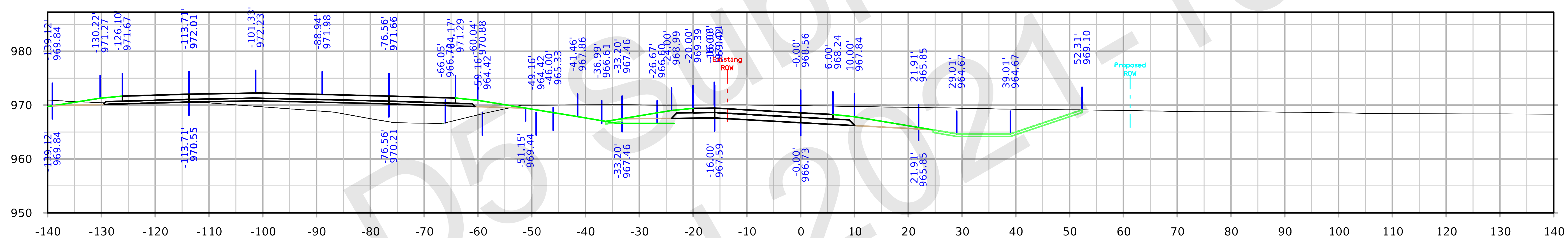


FILE NO. 32044	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.407

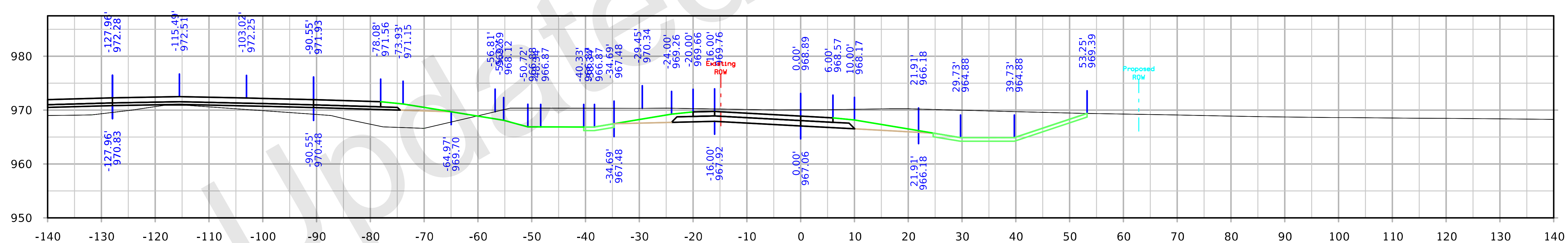
10:11:06 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP126D_77035309Z08.dgn



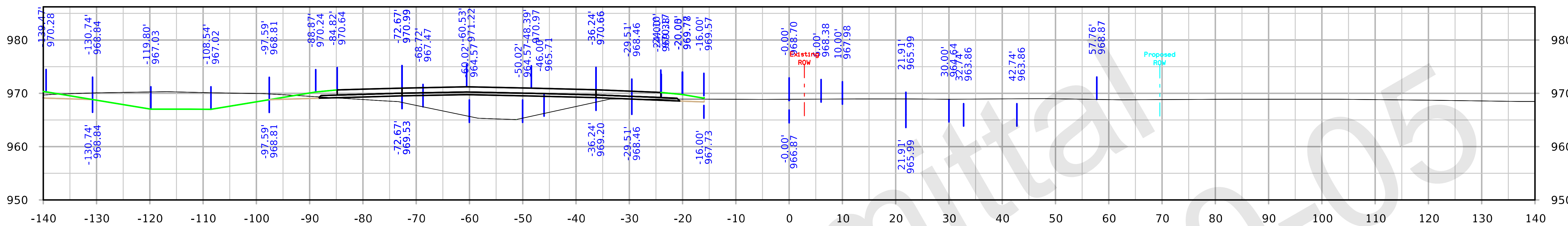
STA. 4573+00.00



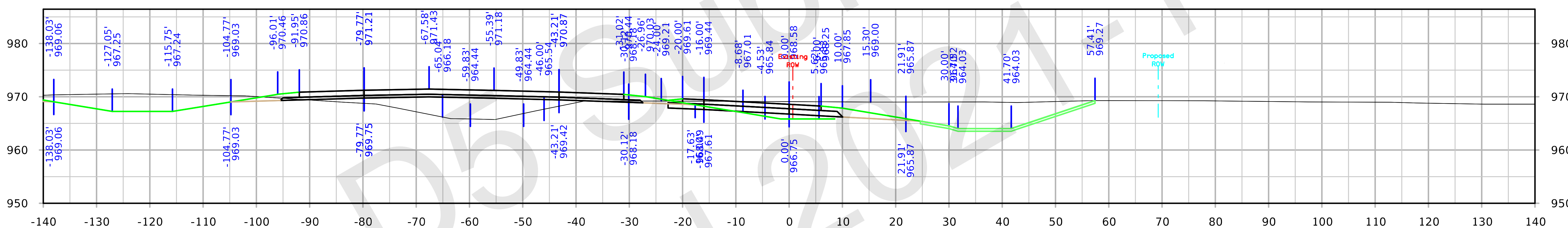
STA. 4572+50.00



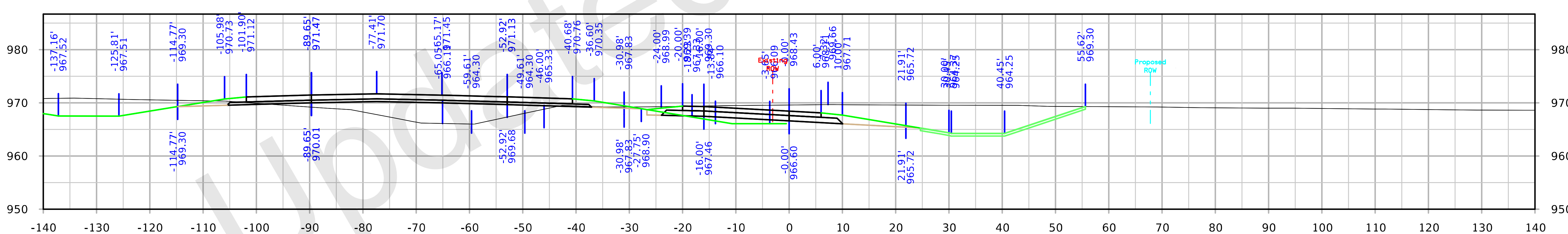
STA. 4572+00.00



STA. 4574+41.09

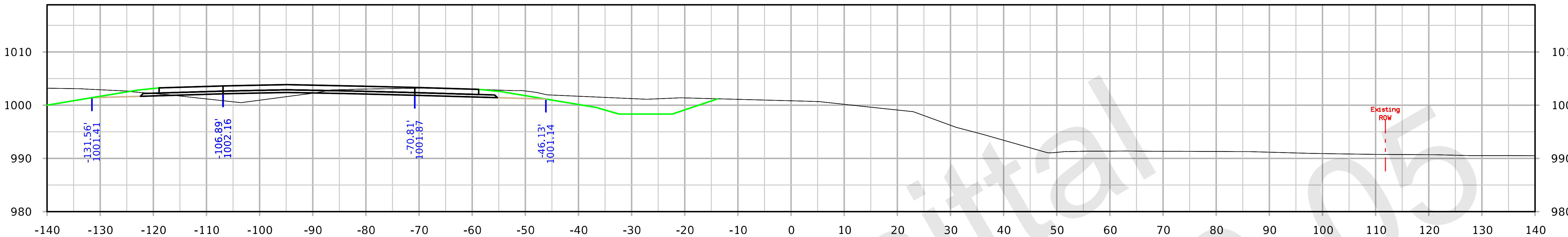


STA. 4574+00.00

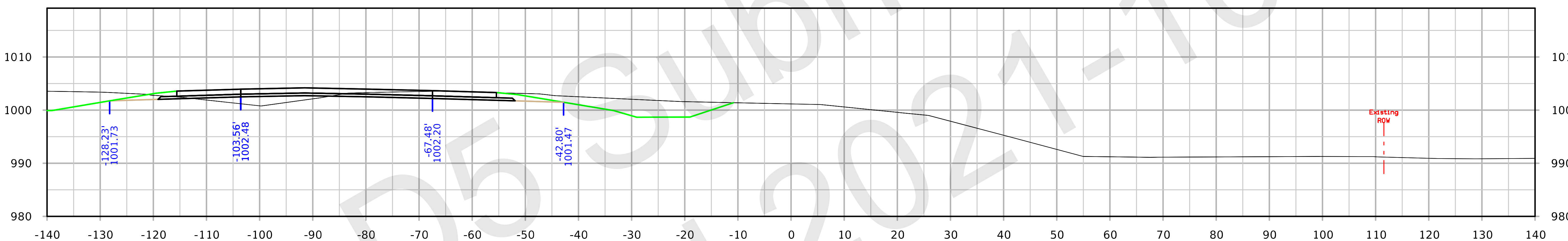


STA. 4573+50.00

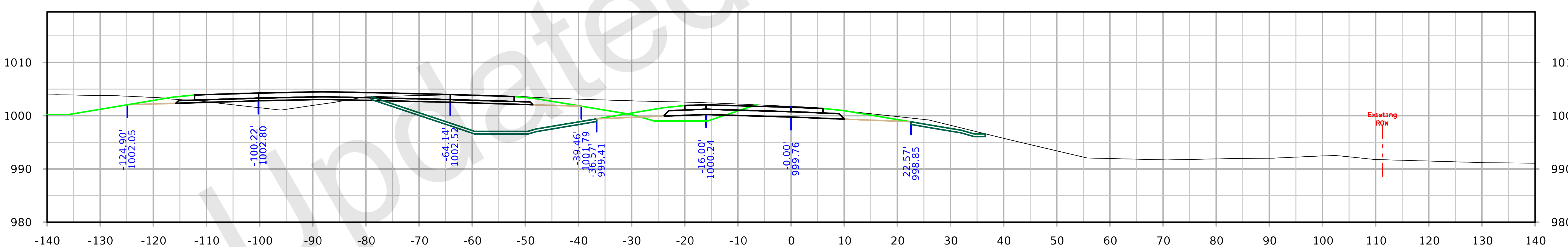
Rest Area Ramp A



STA. 1514+55.04



STA. 1514+05.04

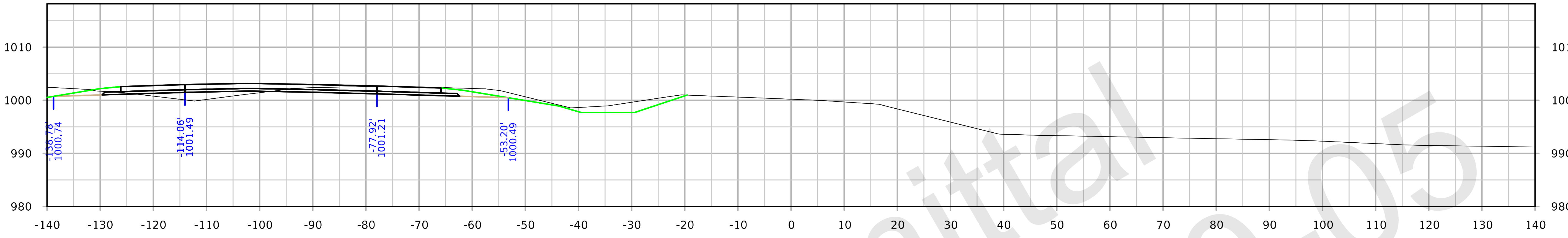


STA. 1513+55.04

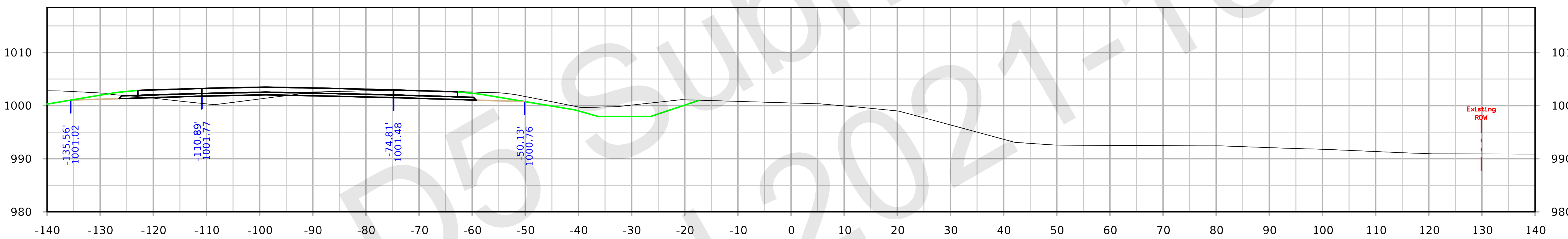
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.500

9:17:33 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMPRestAreaA_77035309Z08.dgn

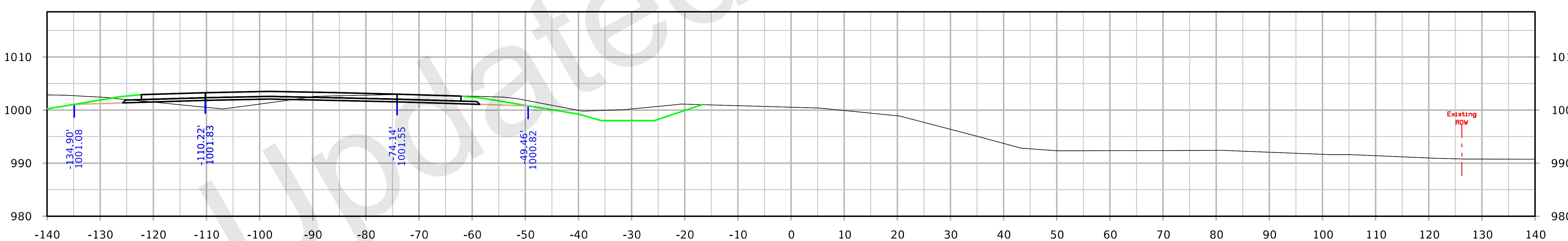
Rest Area Ramp A



STA. 1515+55.04



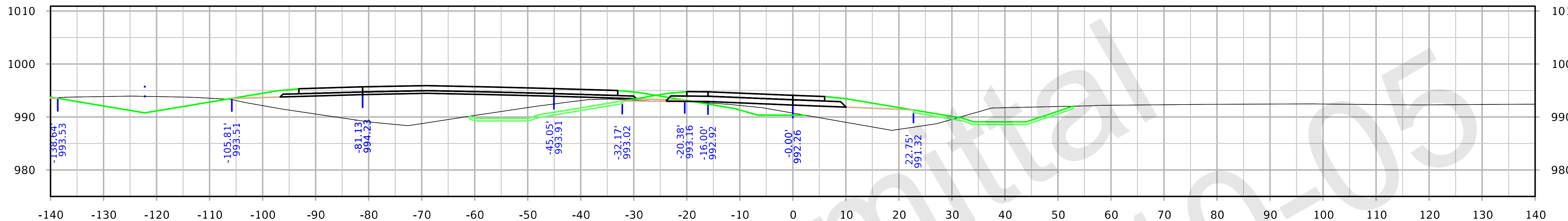
STA. 1515+15.04



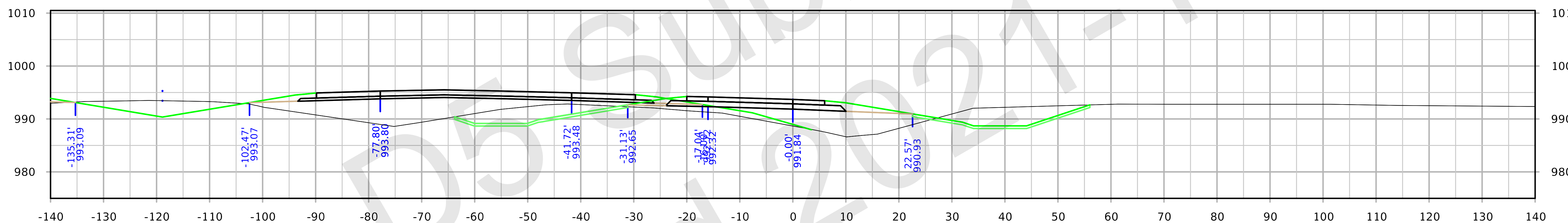
STA. 1515+05.04

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.501

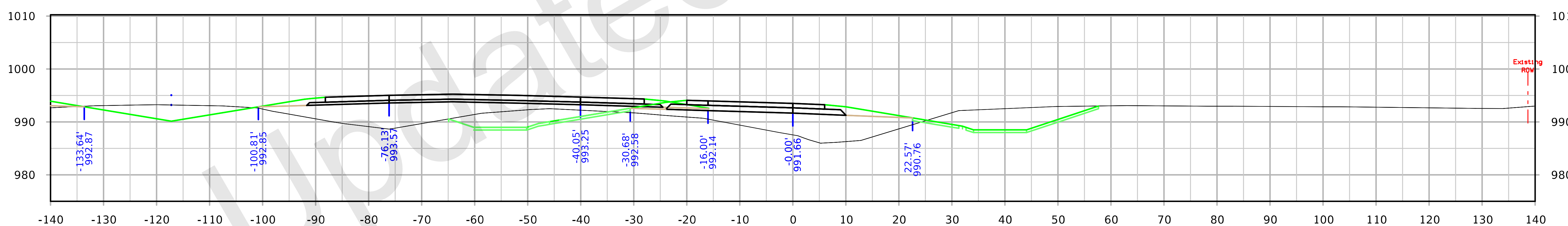
9:18:05 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMPRestAreaA_77035309Z08.dgn



STA. 2560+00.00

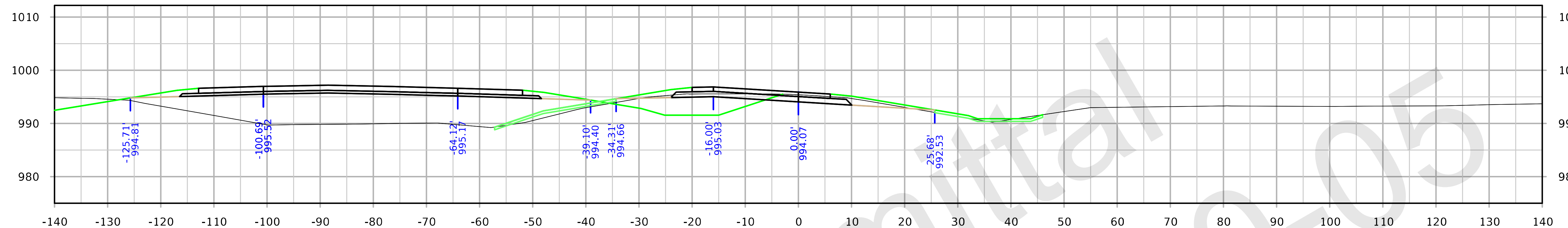


STA. 2559+50.00

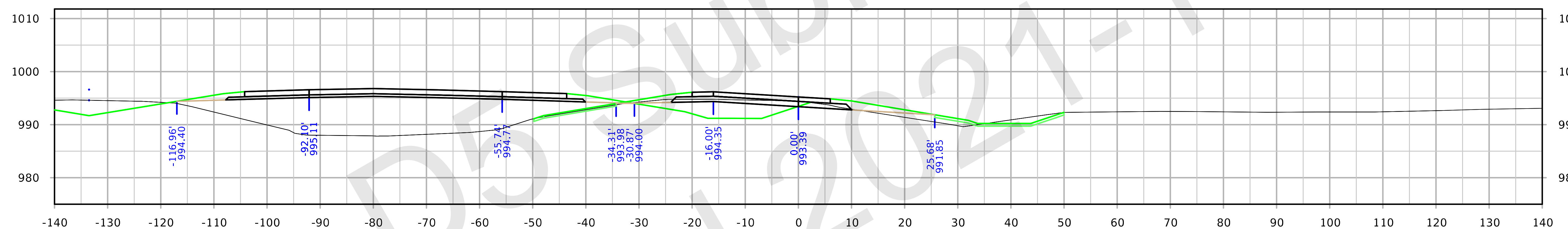


STA. 2559+25.00

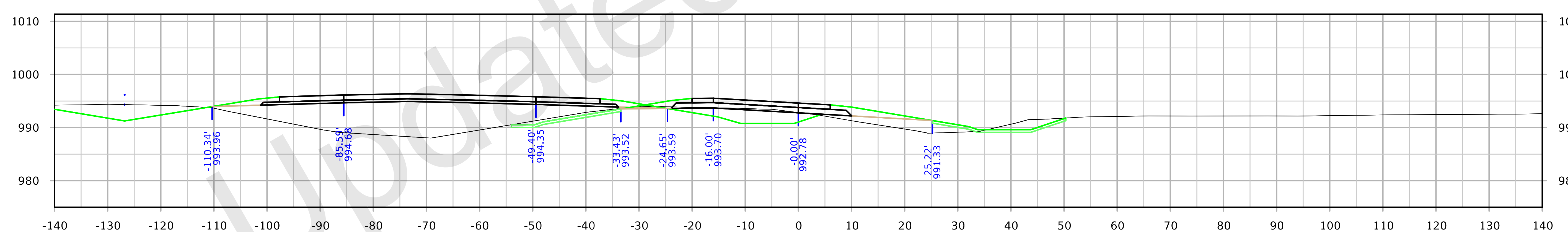
FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER Y.600



STA. 2561+50.00



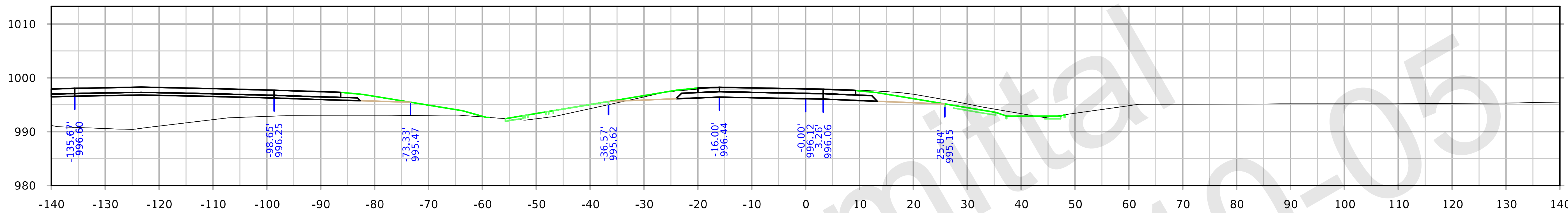
STA. 2561+00.00



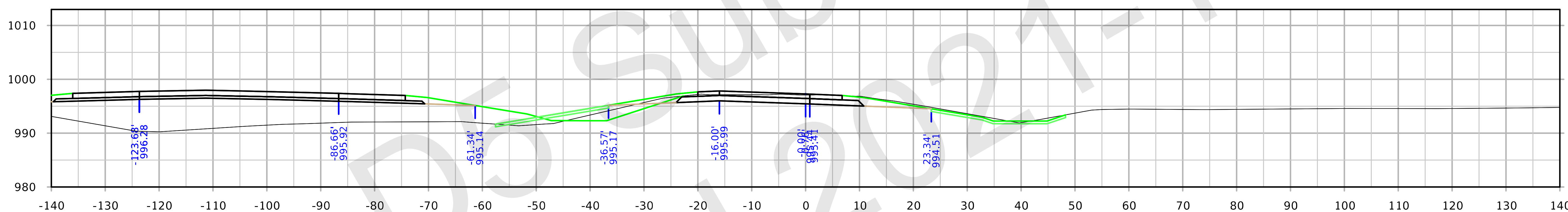
STA. 2560+50.00

FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER Y.601

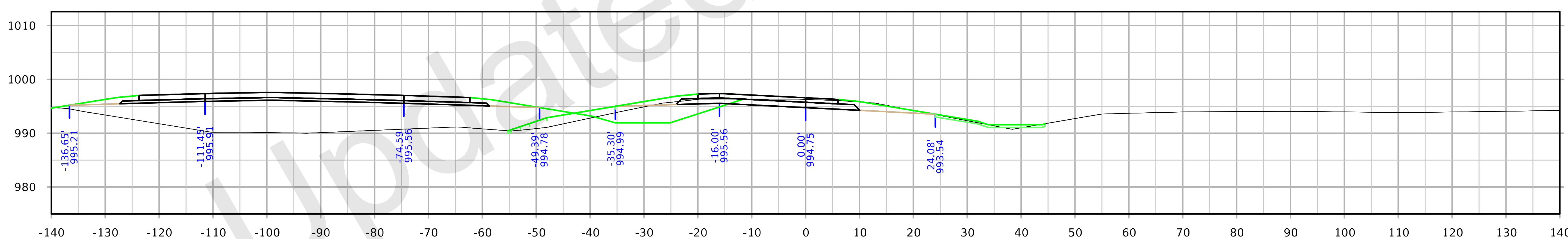
9:19:51 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMPRestAreaB_77035309Z08.dgn



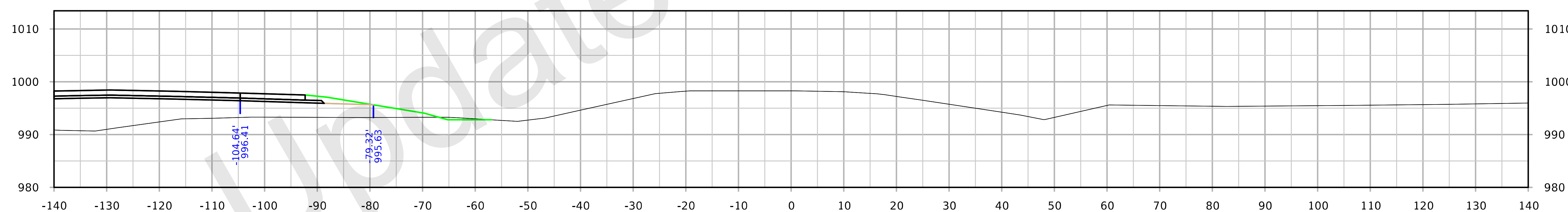
STA. 2563+00.00



STA. 2562+50.00

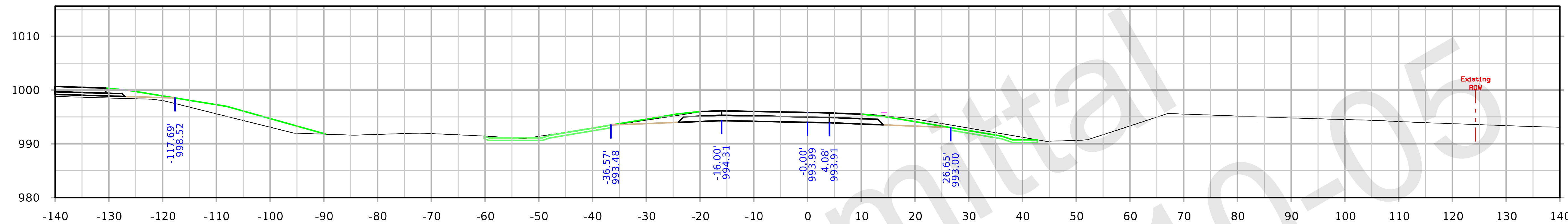


STA. 2562+00.00

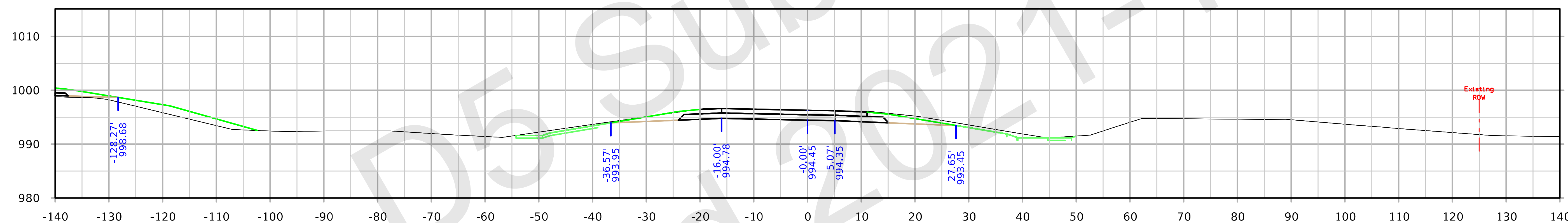


STA. 2563+25.00

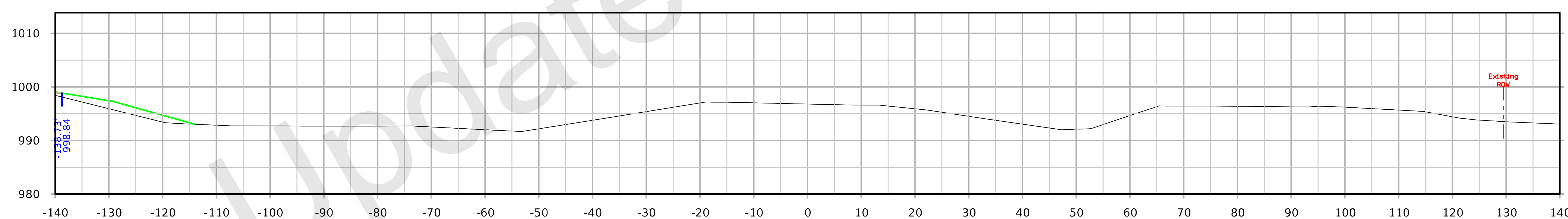
Rest Area Ramp C



STA. 3548+00.00



STA. 3547+50.00

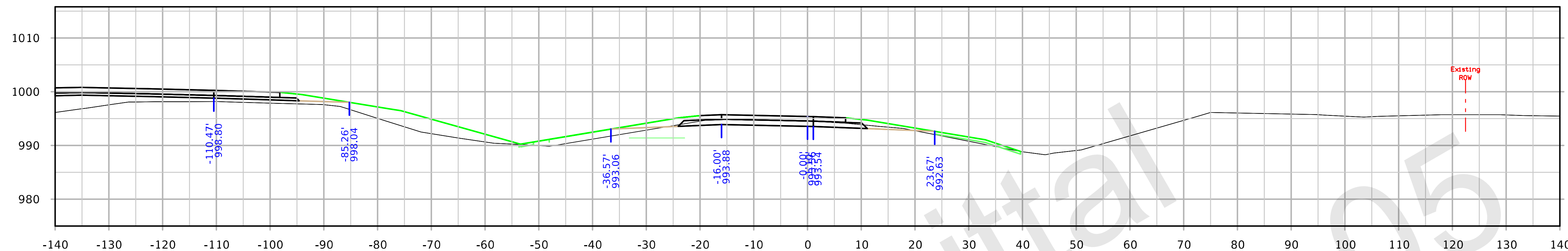


STA. 3547+00.00

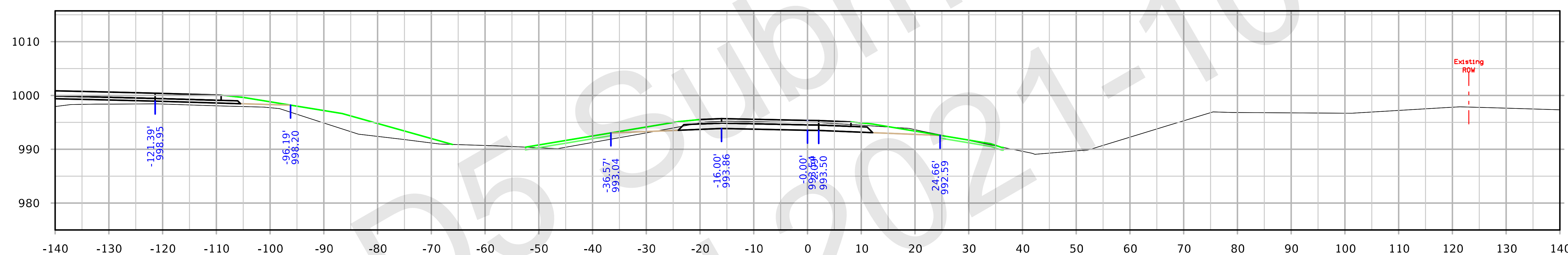
FILE NO. 32044	ENGLISH	DESIGN TEAM	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.700

11:02:02 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMPRestAreaC_77035309Z08.dgn

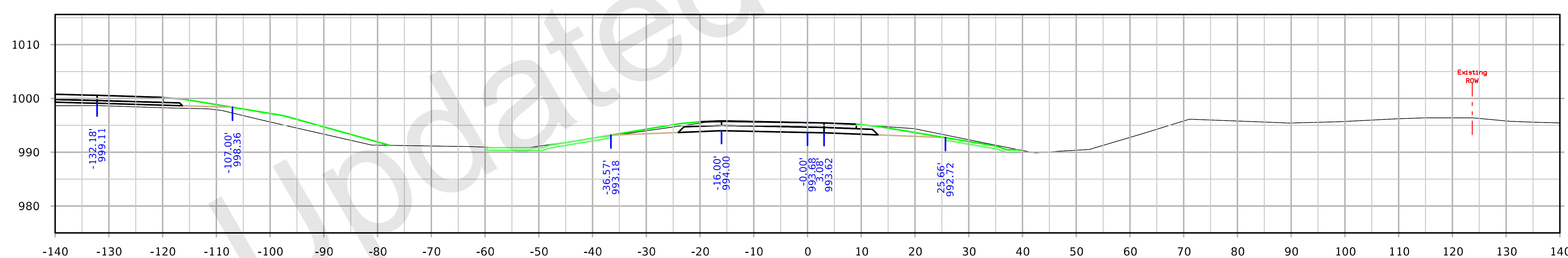
Rest Area Ramp C



STA. 3549+50.00



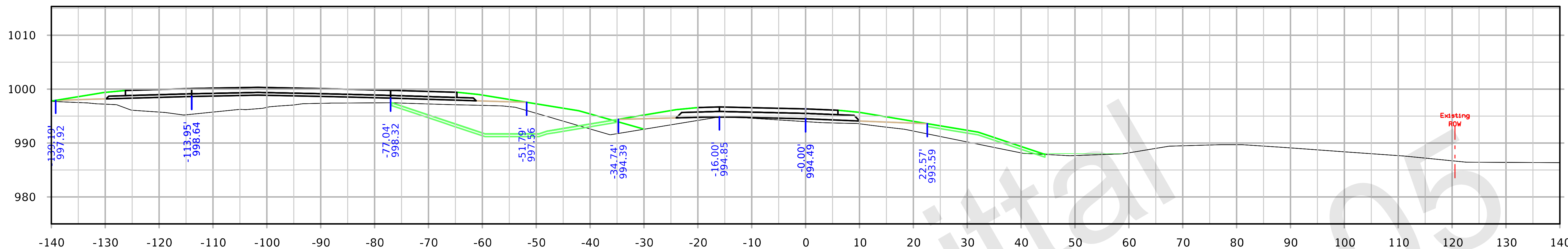
STA. 3549+00.00



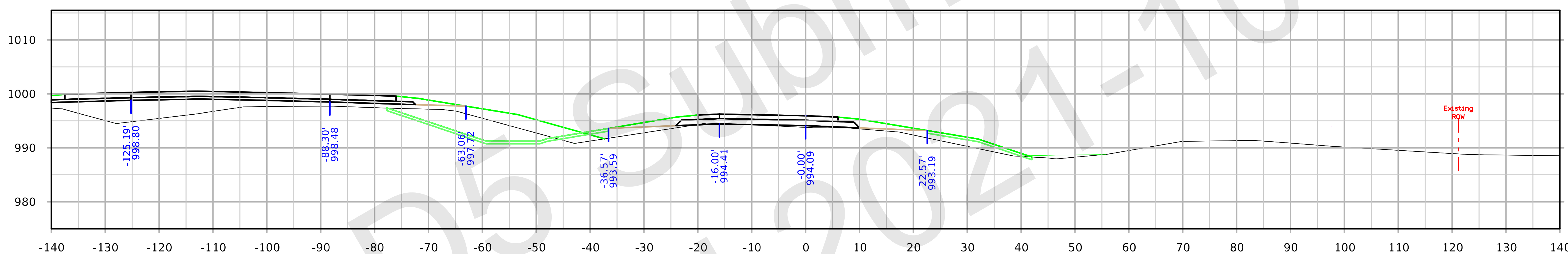
STA. 3548+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.701

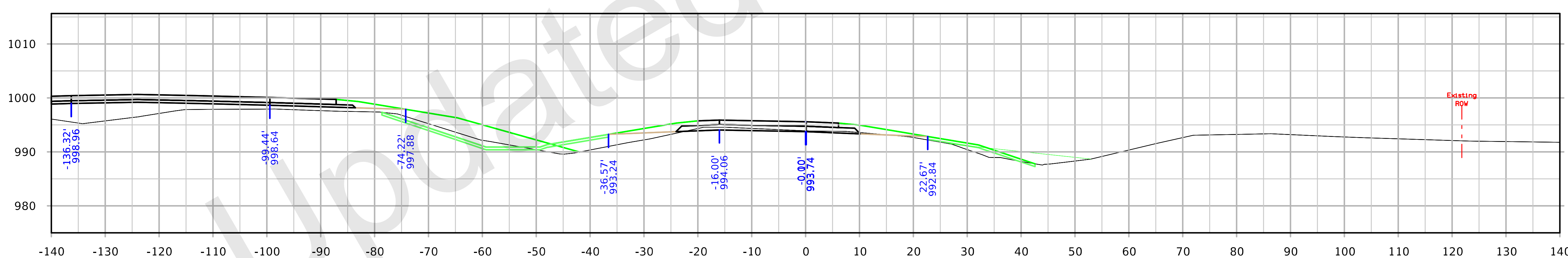
Rest Area Ramp C



STA. 3551+00.00



STA. 3550+50.00

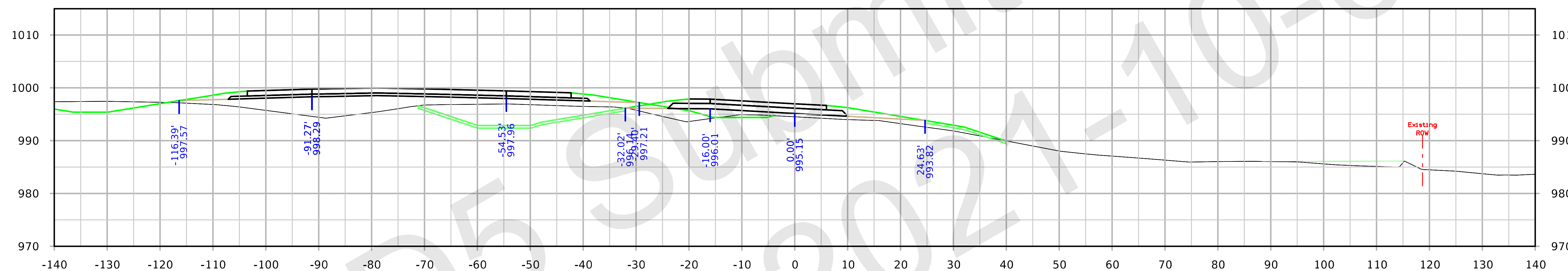


STA. 3550+00.00

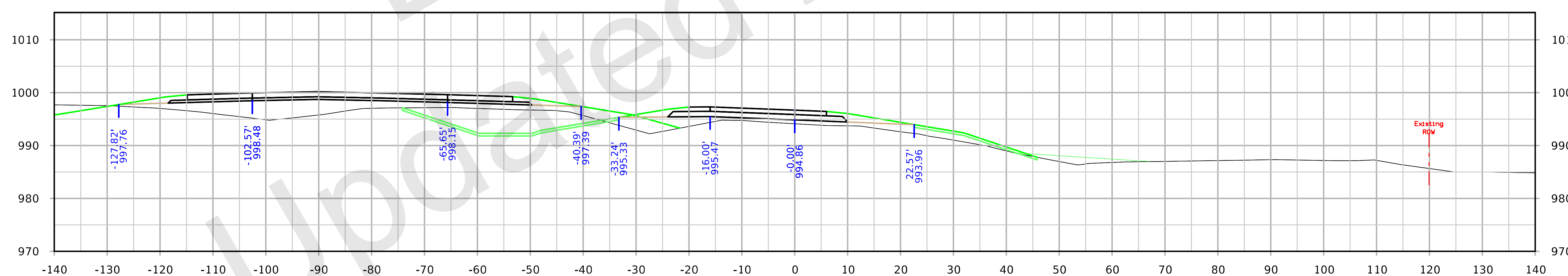
FILE NO. 32044	ENGLISH	DESIGN TEAM	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.702

11:02:51 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMPRestAreaC_77035309Z08.dgn

Rest Area Ramp C



STA. 3552+00.00

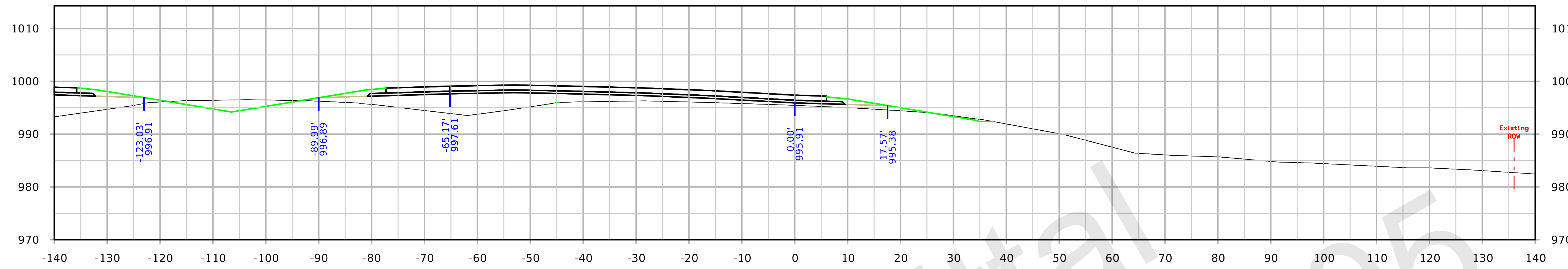


STA. 3551+50.00

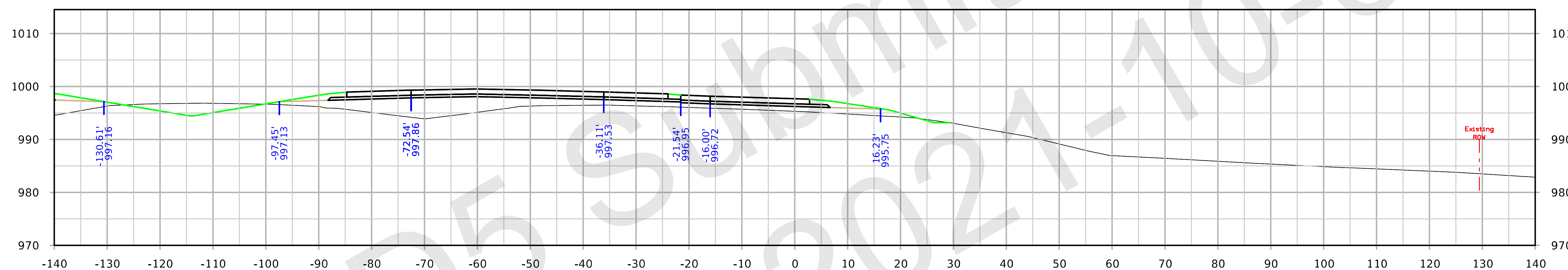
FILE NO. 32044	ENGLISH	DESIGN TEAM	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.703

11:03:08 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMPRestAreaC_77035309Z08.dgn

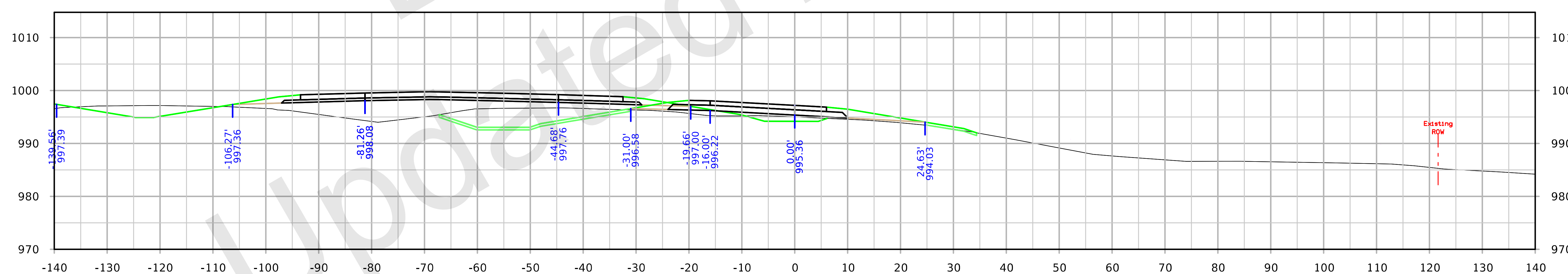
Rest Area Ramp C



STA. 3553+50.00



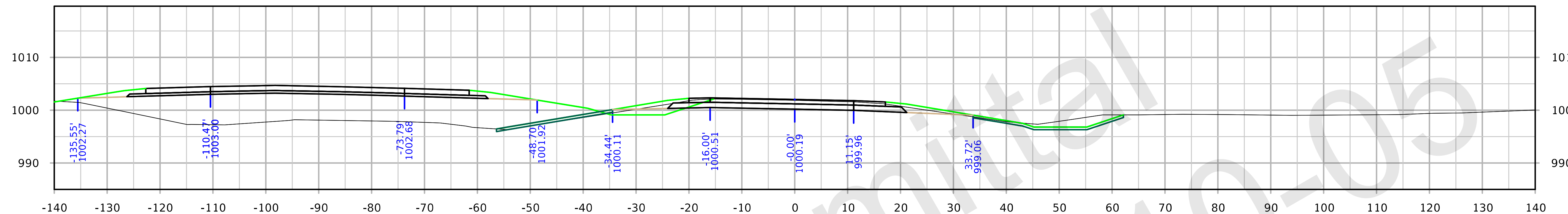
STA. 3553+00.00



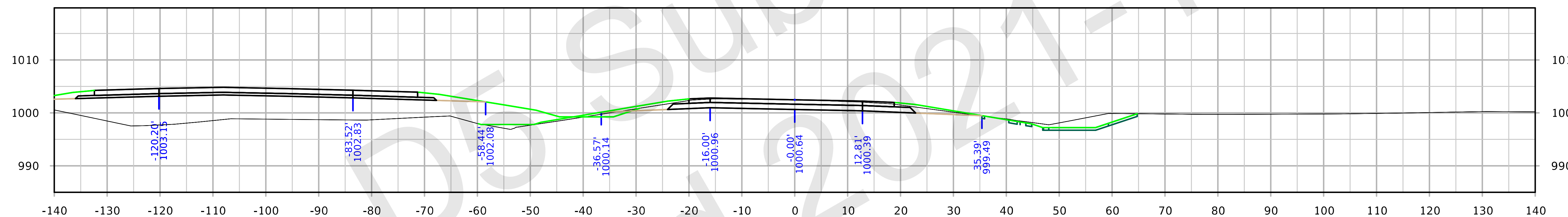
STA. 3552+50.00

FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER	3552+50.00

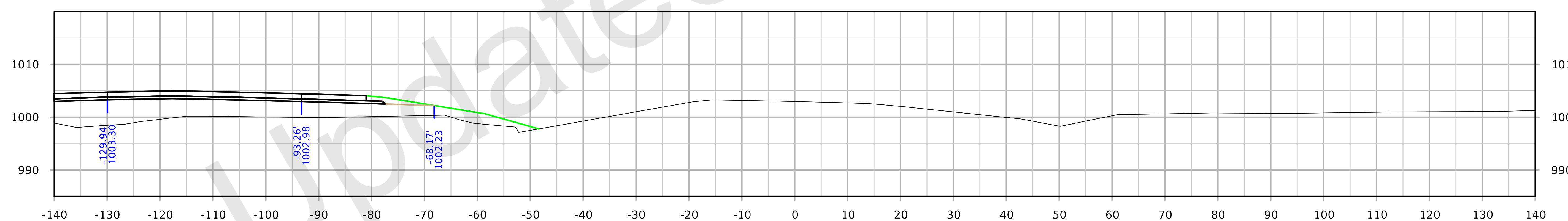
Rest Area Ramp D



STA. 4517+50.00



STA. 4517+00.00

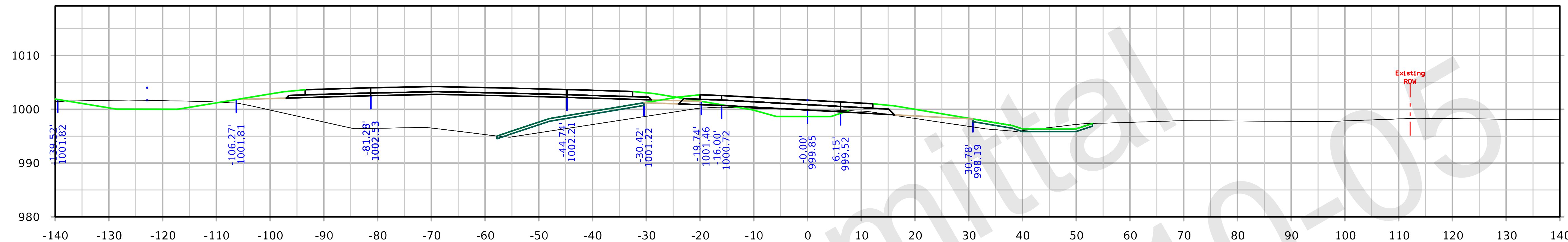


STA. 4516+50.00

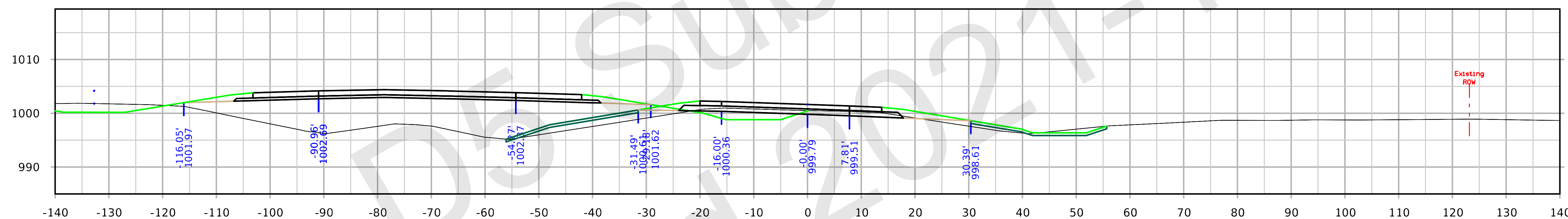
FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.800

11:06:41 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMPRestAreaD_77035309Z08.dgn

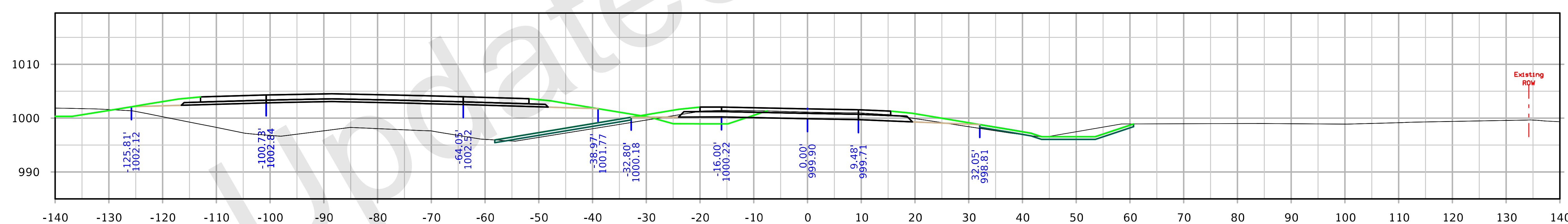
Rest Area Ramp D



STA. 4519+00.00



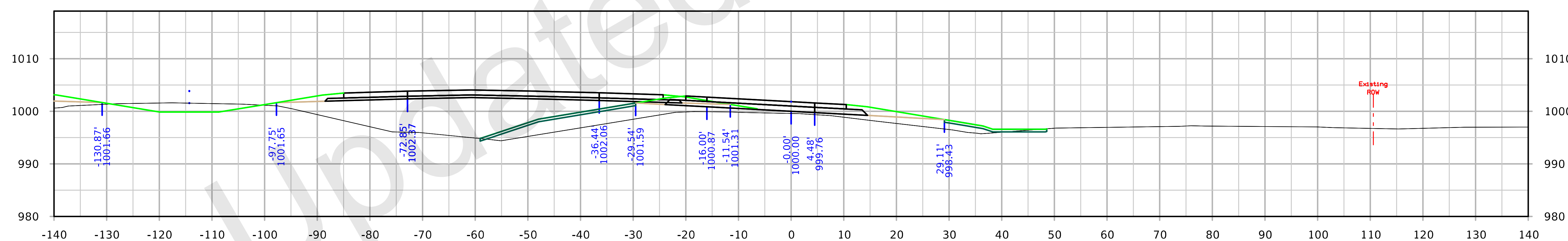
STA. 4518+50.00



STA. 4518+00.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.801

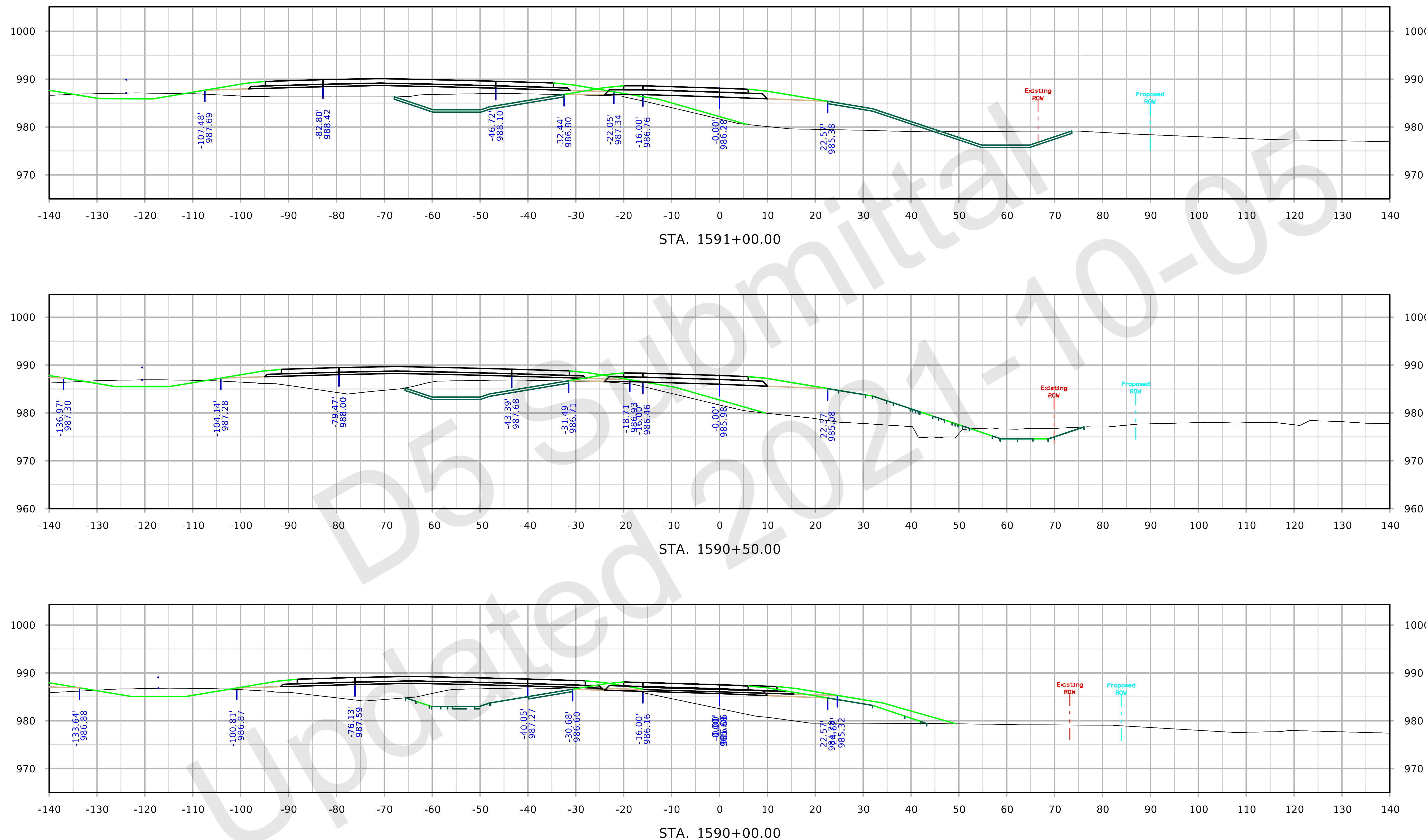
Rest Area Ramp D



STA. 4519+50.00

FILE NO.	ENGLISH	DESIGN TEAM Flattery/Bell	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.802

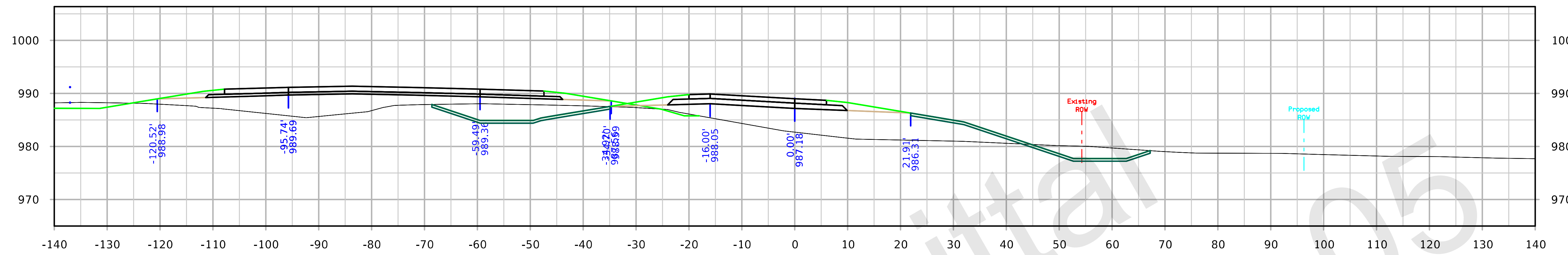
IA 210 Ramp A



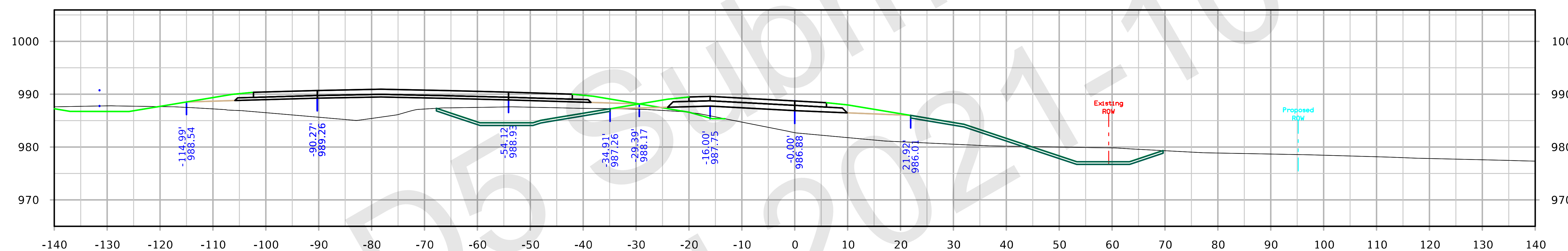
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.900

8:48:29 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210A_77035309Z08.dgn

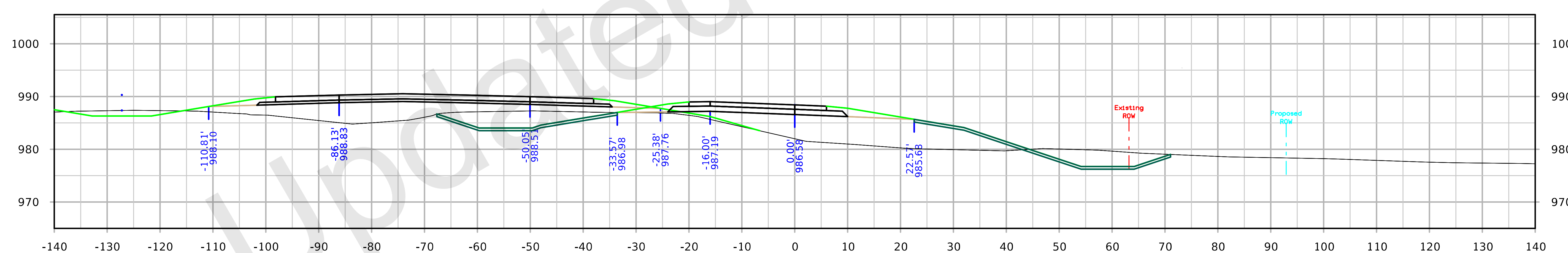
IA 210 Ramp A



STA. 1592+50.00



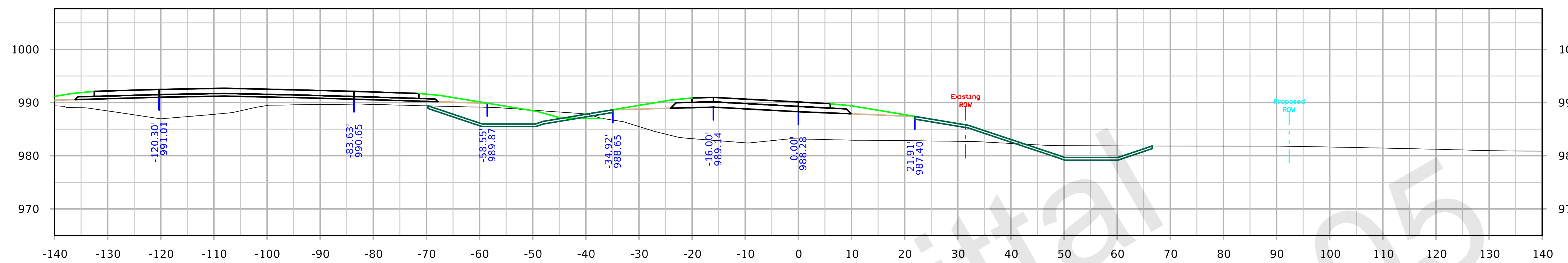
STA. 1592+00.00



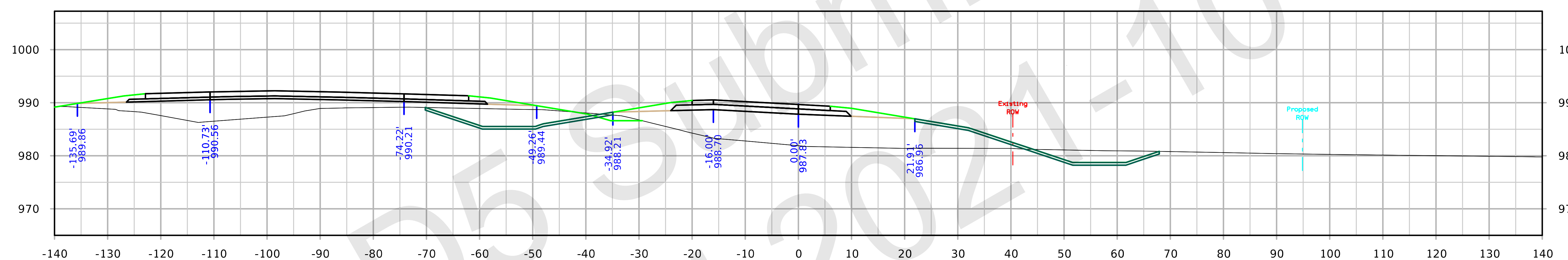
STA. 1591+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.901

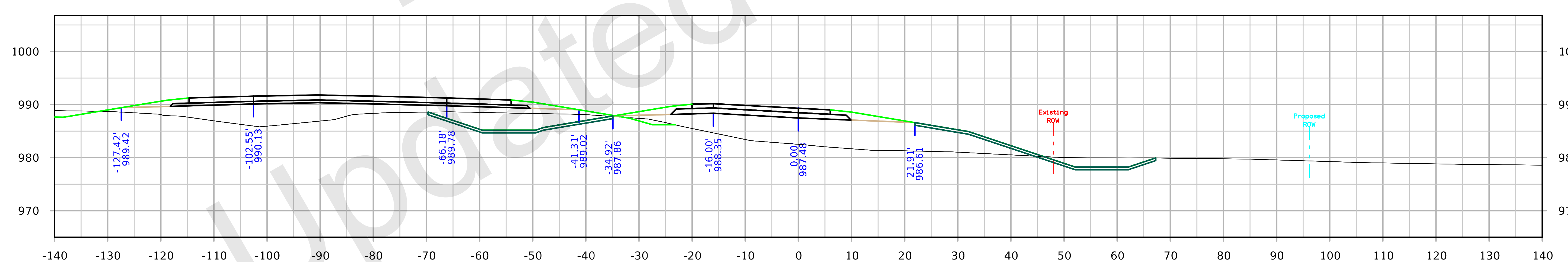
IA 210 Ramp A



STA. 1594+00.00



STA. 1593+50.00

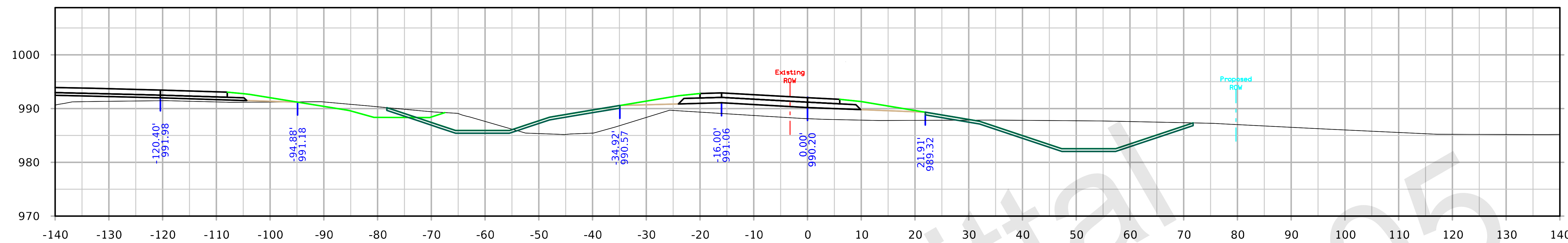


STA. 1593+00.00

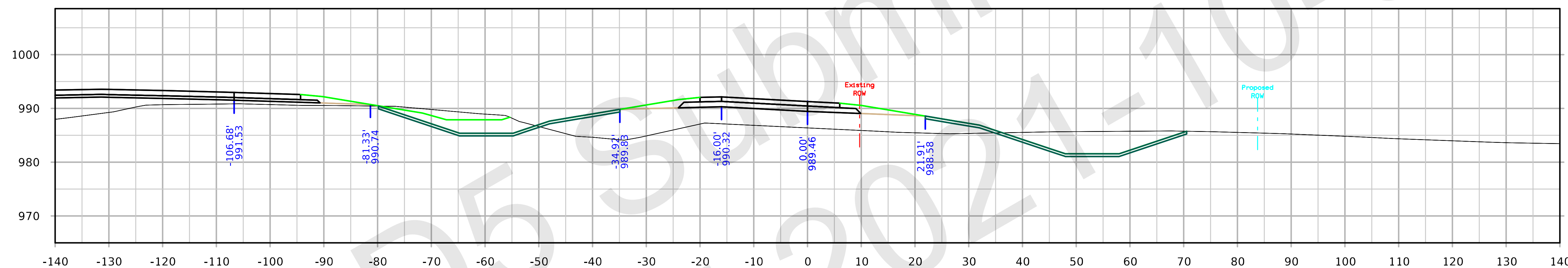
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.902

8:49:17 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210A_77035309Z08.dgn

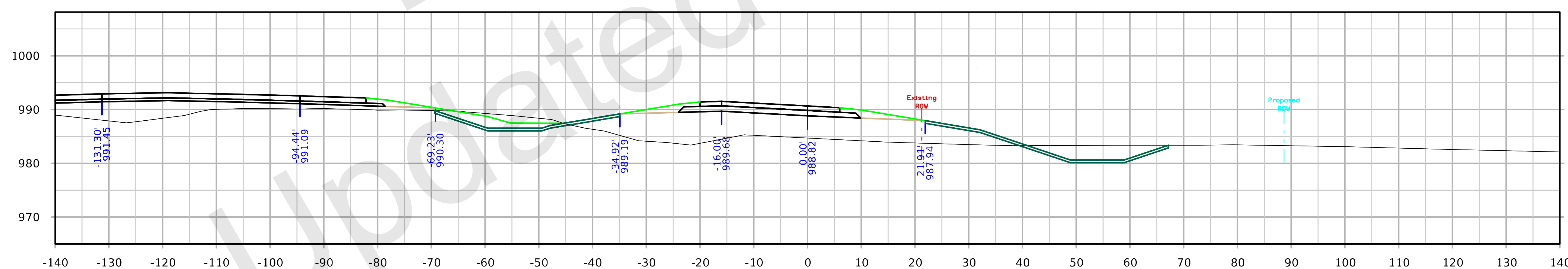
IA 210 Ramp A



STA. 1595+50.00

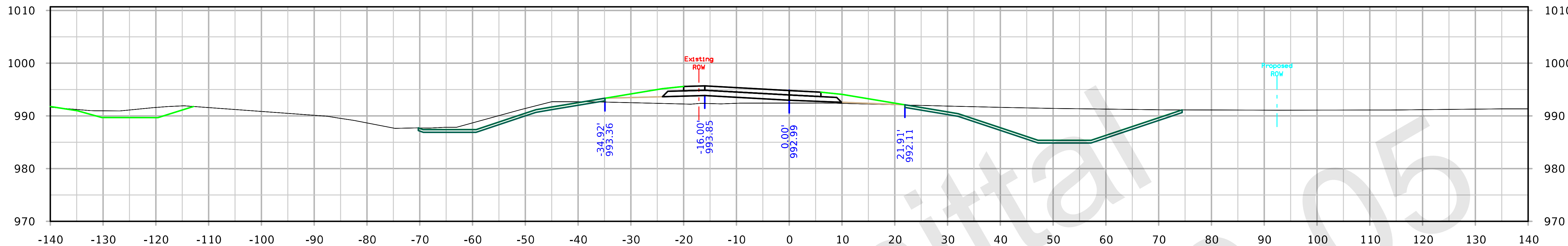


STA. 1595+00.00

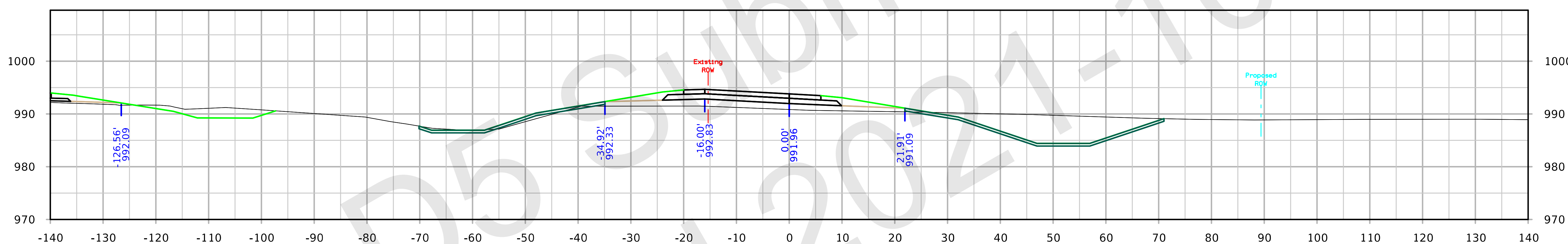


STA. 1594+50.00

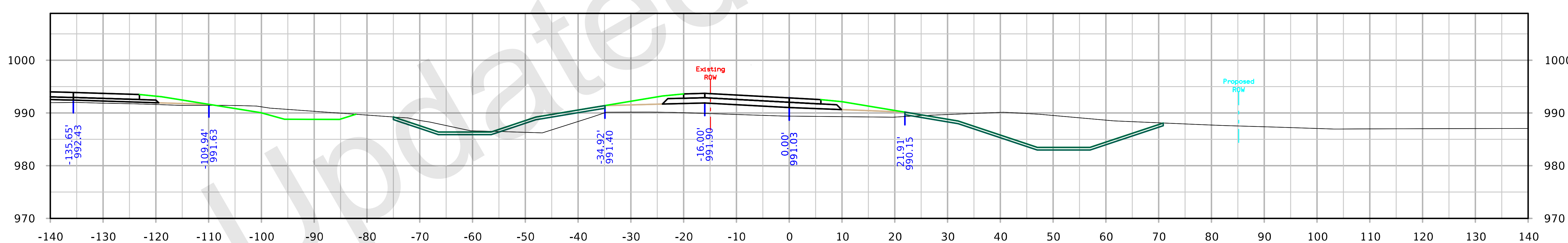
IA 210 Ramp A



STA. 1597+00.00



STA. 1596+50.00

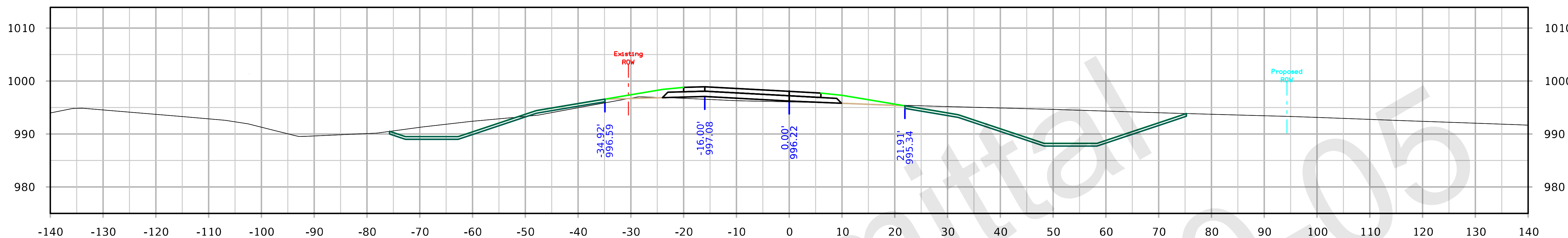


STA. 1596+00.00

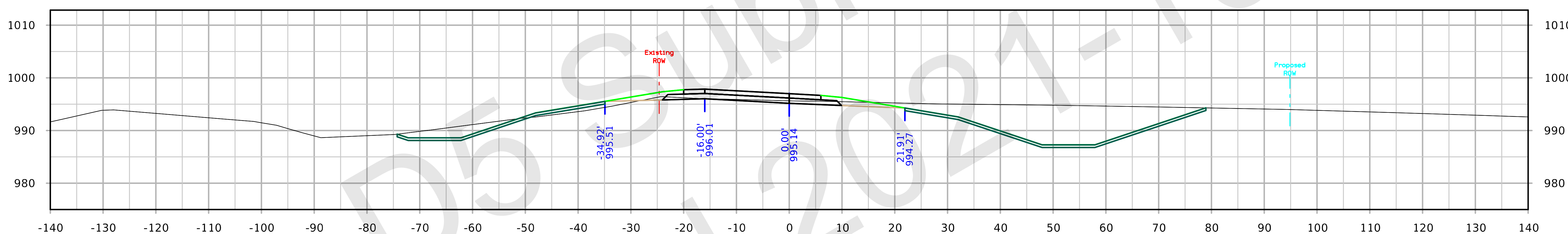
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.904

8:50:03 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210A_77035309Z08.dgn

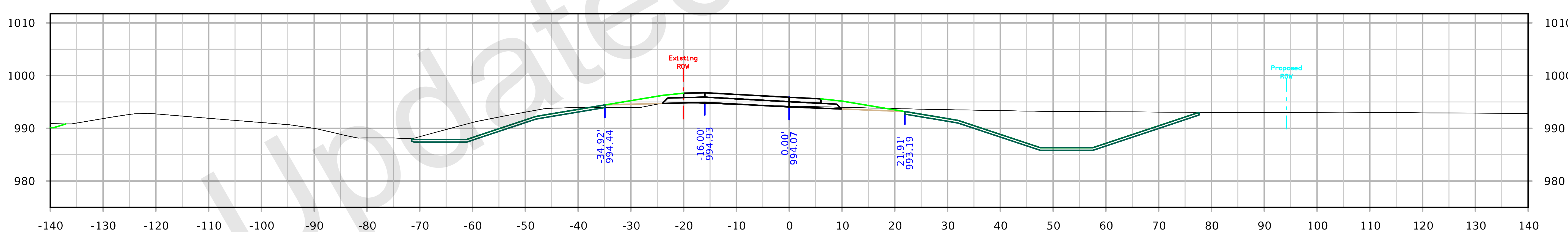
IA 210 Ramp A



STA. 1598+50.00



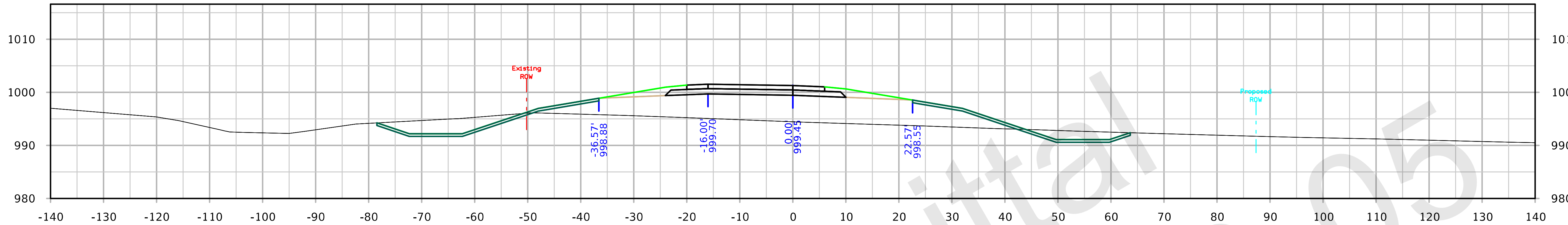
STA. 1598+00.00



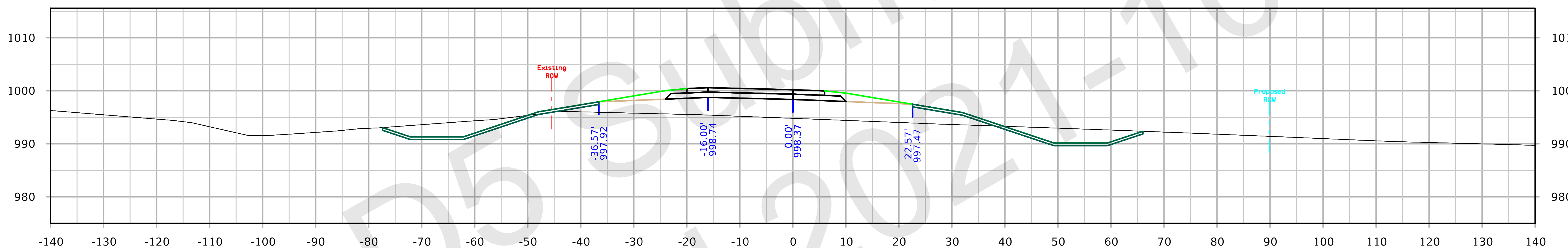
STA. 1597+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.905

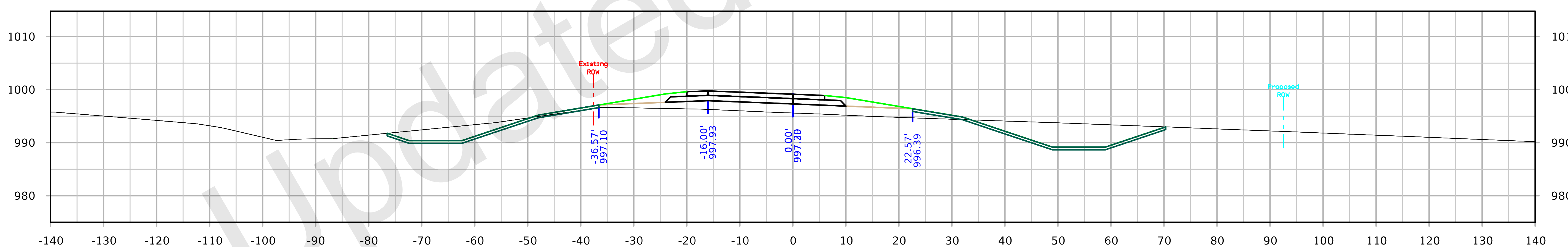
IA 210 Ramp A



STA. 1600+00.00



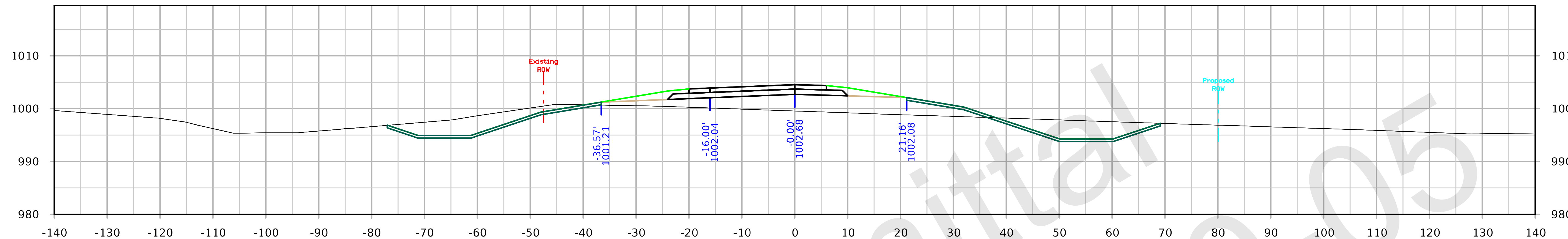
STA. 1599+50.00



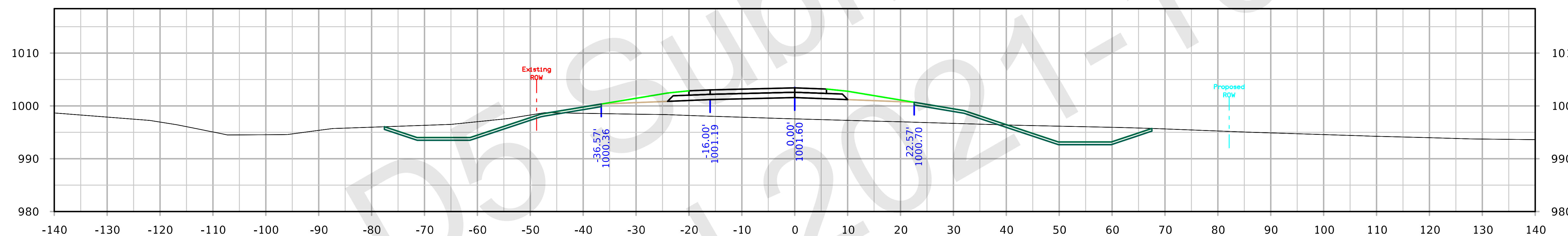
STA. 1599+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.906

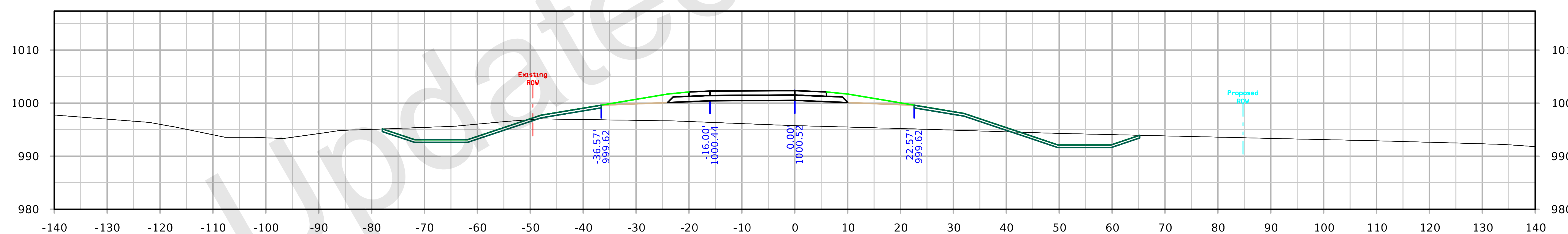
IA 210 Ramp A



STA. 1601+50.00



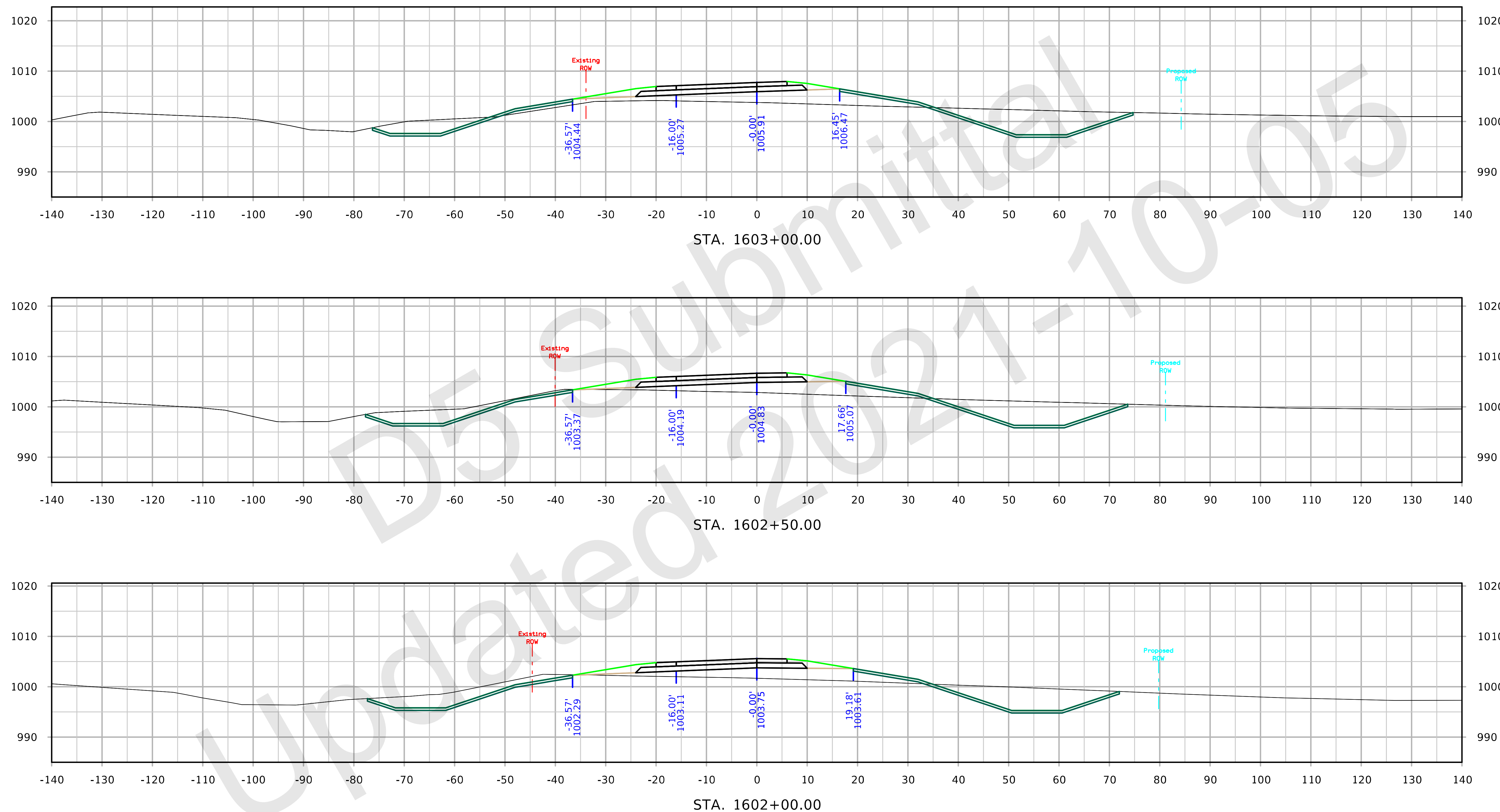
STA. 1601+00.00



STA. 1600+50.00

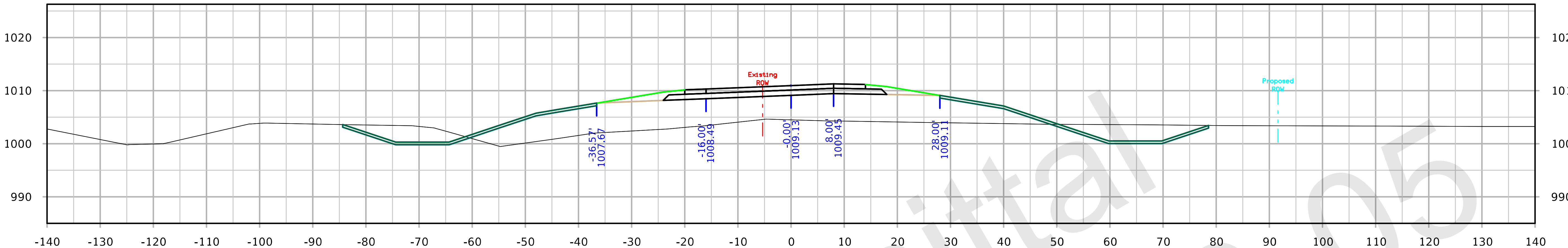
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.907

IA 210 Ramp A

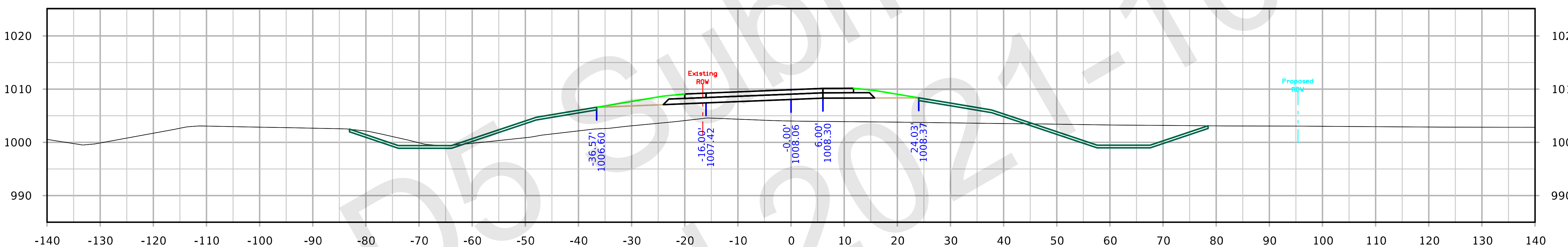


FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.908

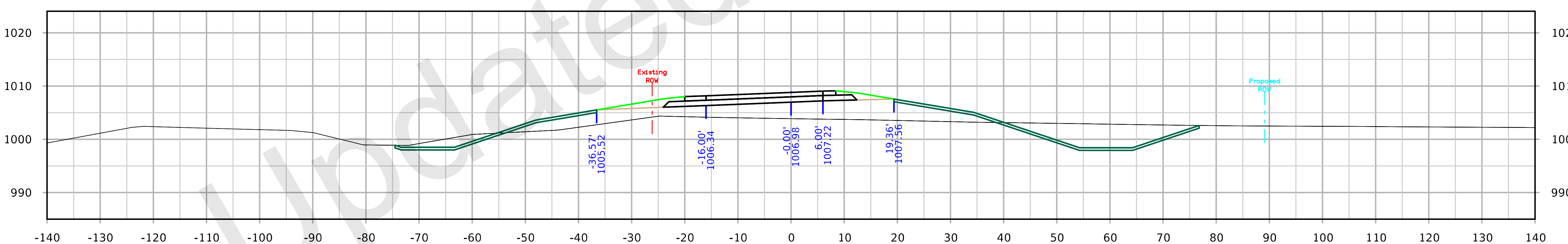
IA 210 Ramp A



STA. 1604+50.00



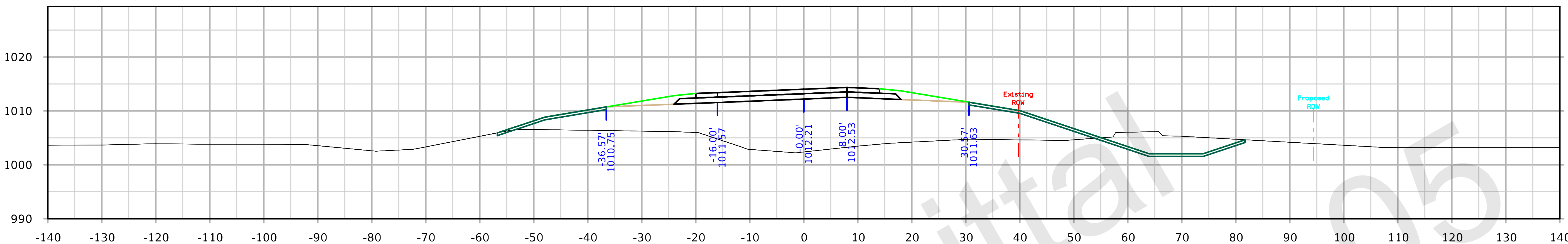
STA. 1604+00.00



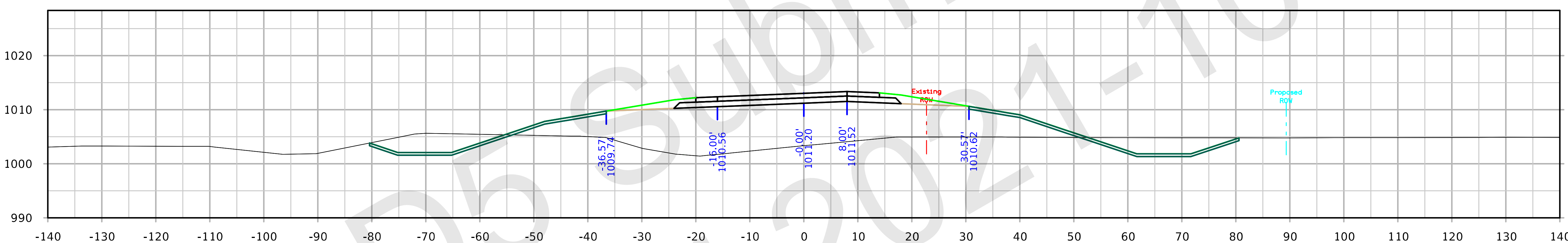
STA. 1603+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.909

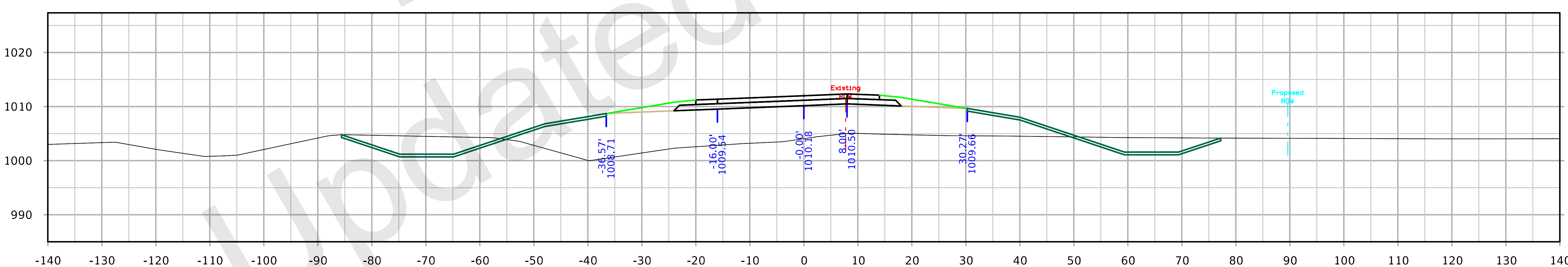
IA 210 Ramp A



STA. 1606+00.00



STA. 1605+50.00

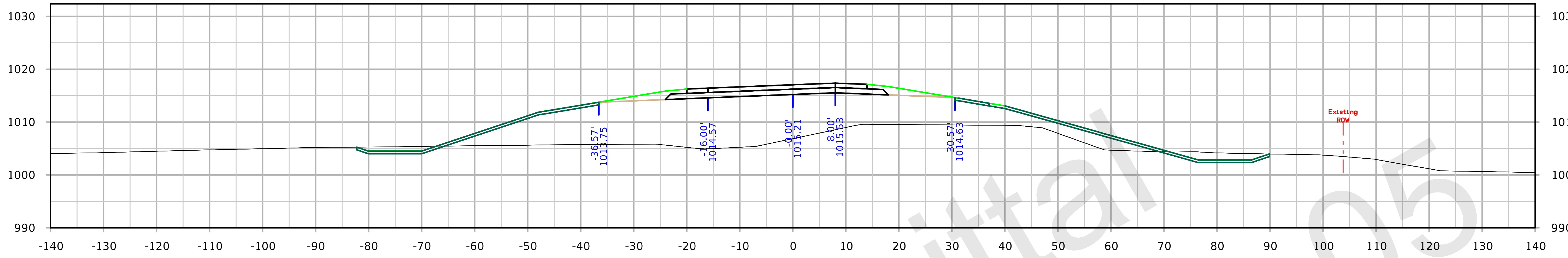


STA. 1605+00.00

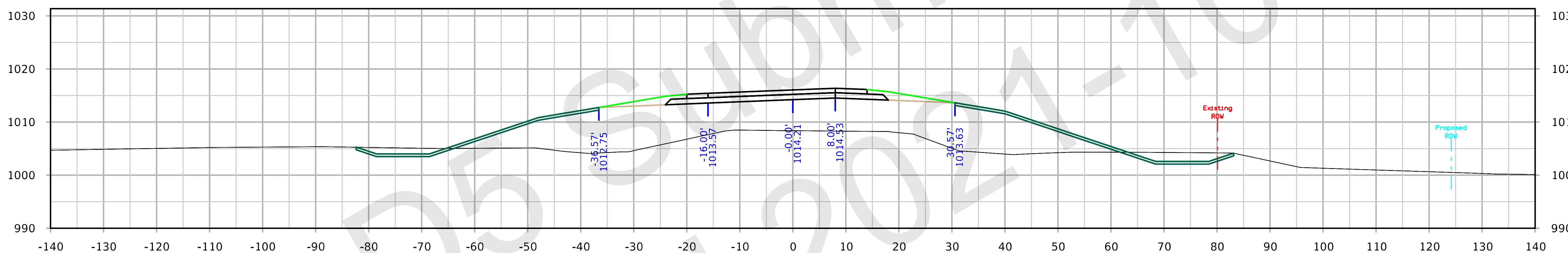
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.910

8:52:19 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210A_77035309Z08.dgn

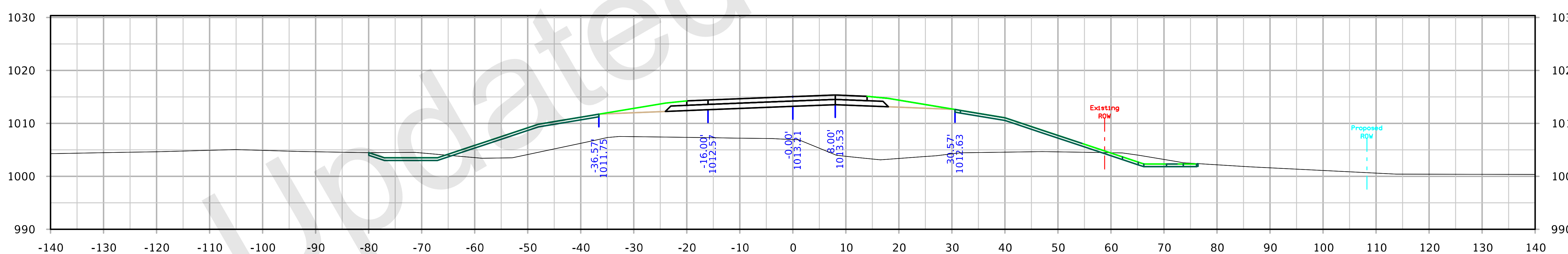
IA 210 Ramp A



STA. 1607+50.00

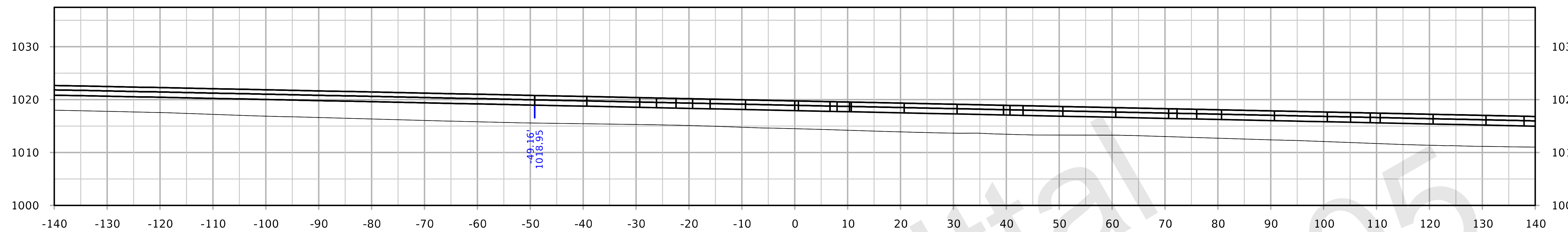


STA. 1607+00.00

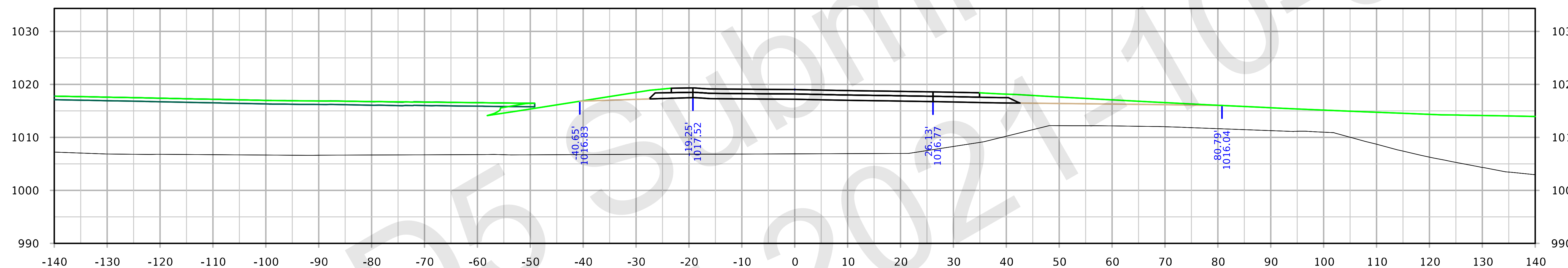


STA. 1606+50.00

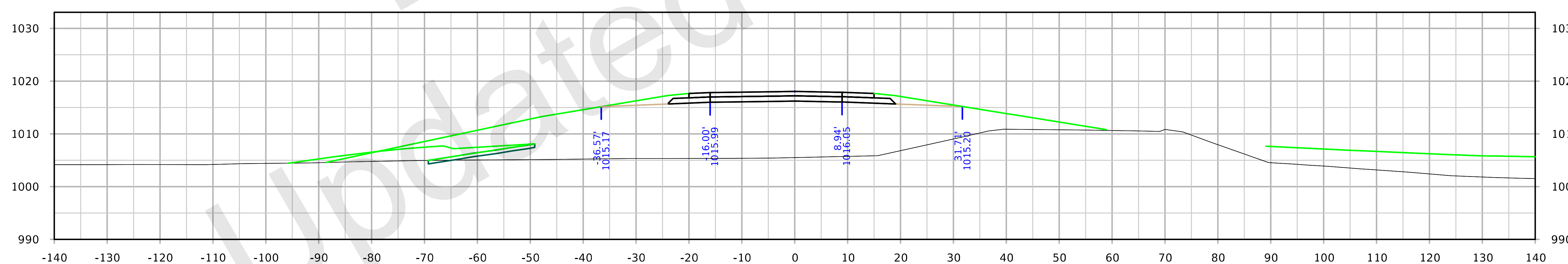
IA 210 Ramp A



STA. 1608+85.19

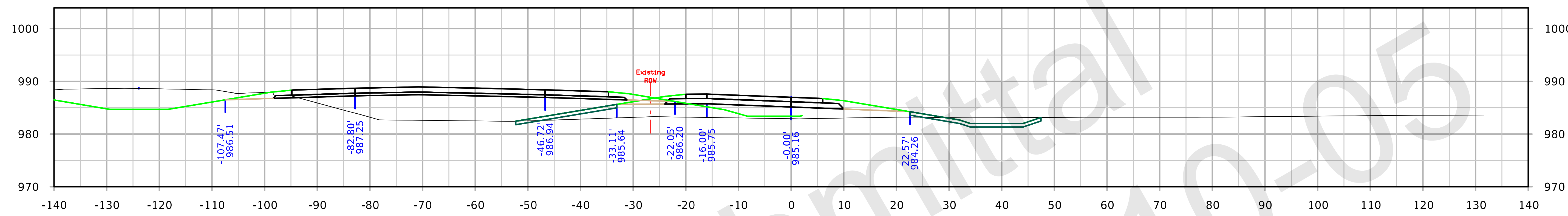


STA. 1608+50.00

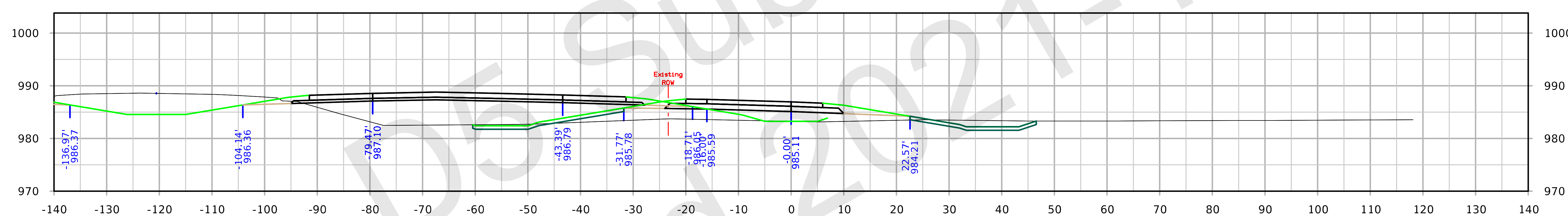


STA. 1608+00.00

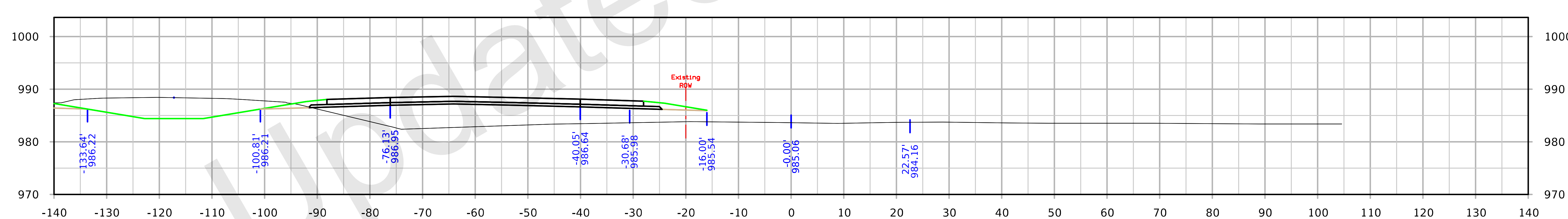
IA 210 Ramp B



STA. 2527+50.00



STA. 2527+00.00

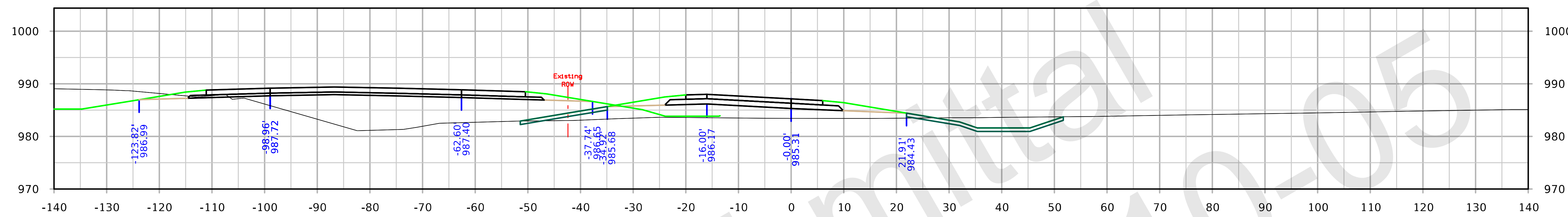


STA. 2526+50.00

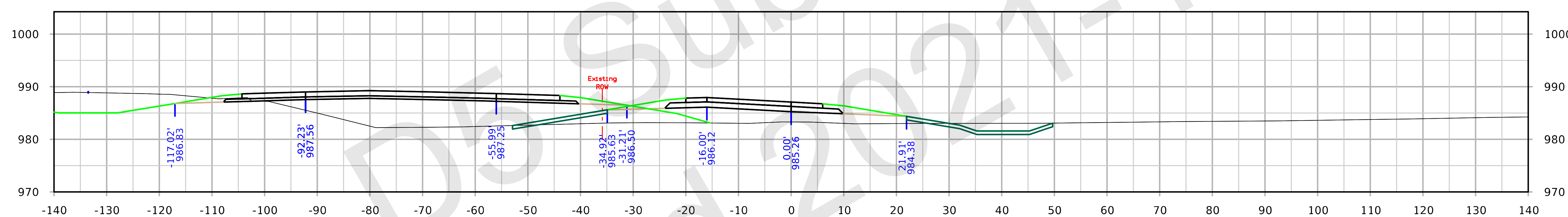
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1000

8:55:02 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210B_77035309Z08.dgn

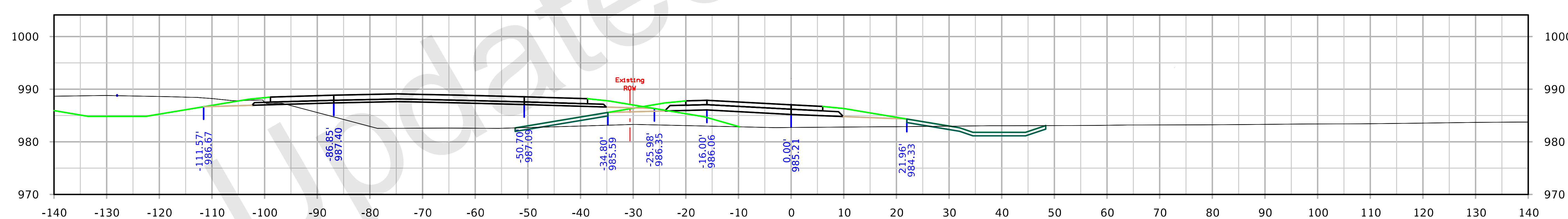
IA 210 Ramp B



STA. 2529+00.00



STA. 2528+50.00

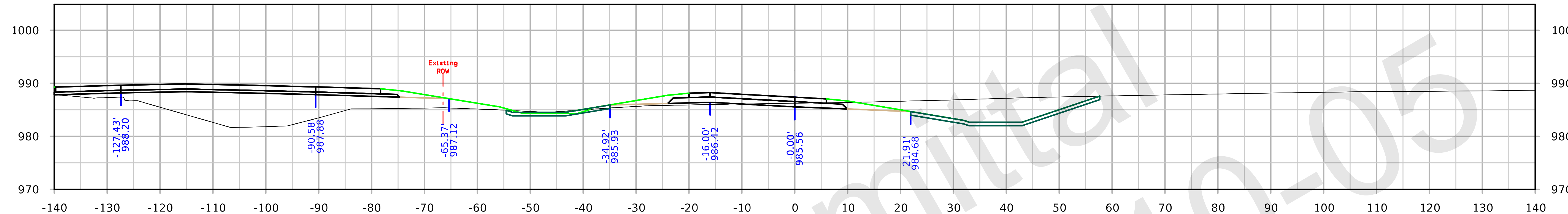


STA. 2528+00.00

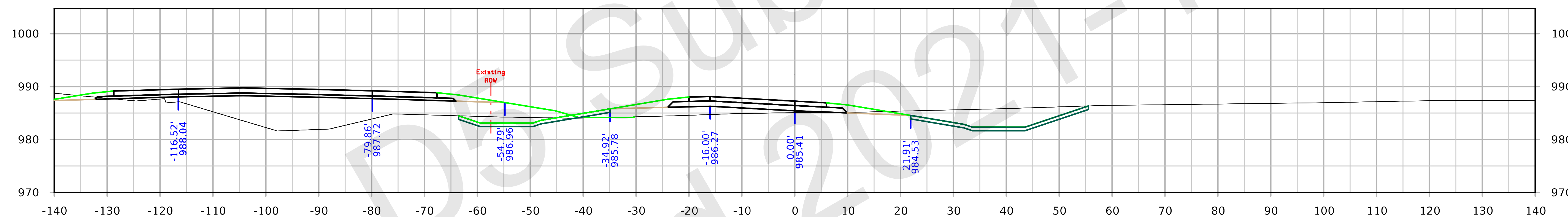
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1001

8:55:30 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210B_77035309Z08.dgn

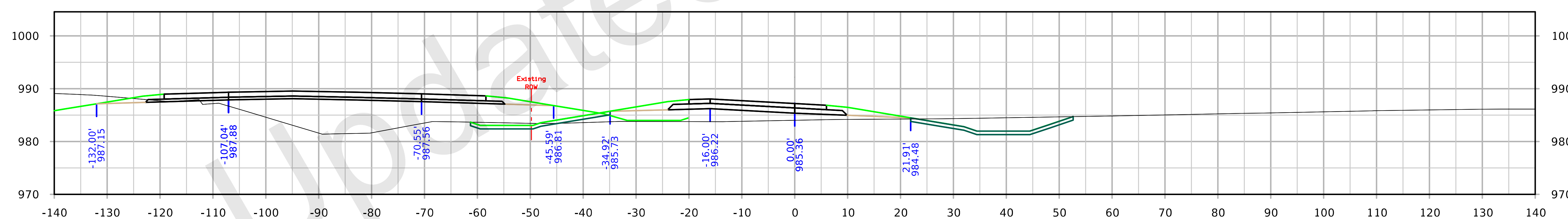
IA 210 Ramp B



STA. 2530+50.00



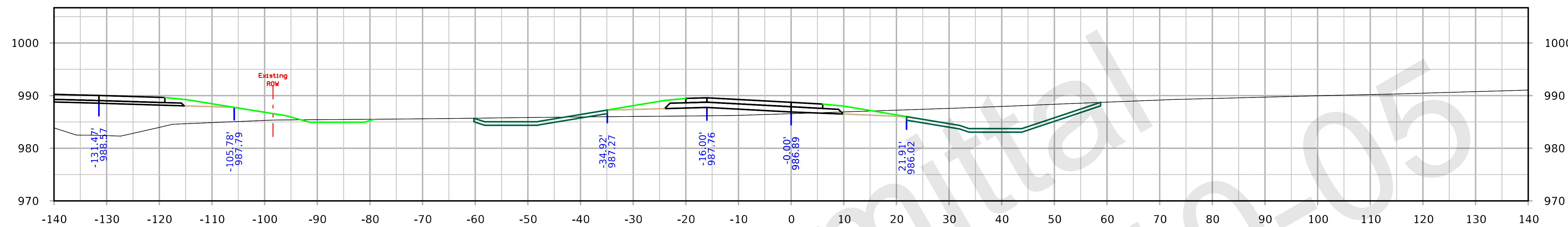
STA. 2530+00.00



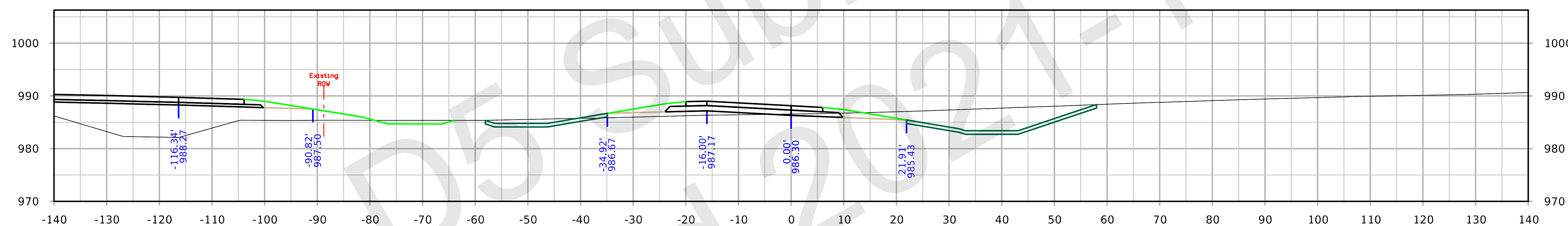
STA. 2529+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1002

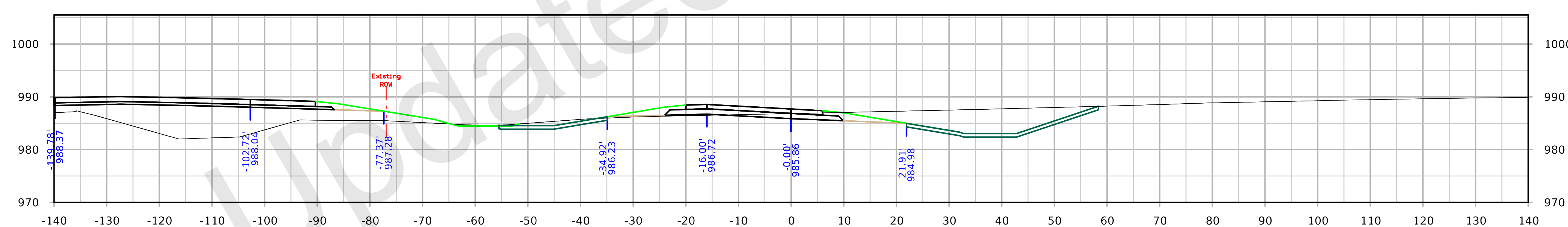
IA 210 Ramp B



STA. 2532+00.00



STA. 2531+50.00

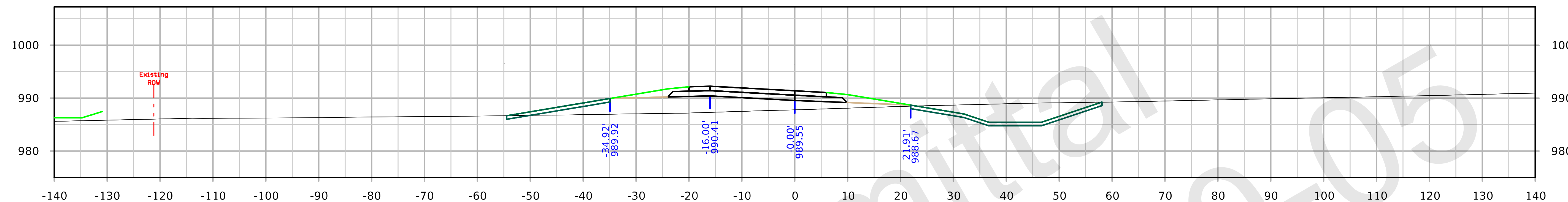


STA. 2531+00.00

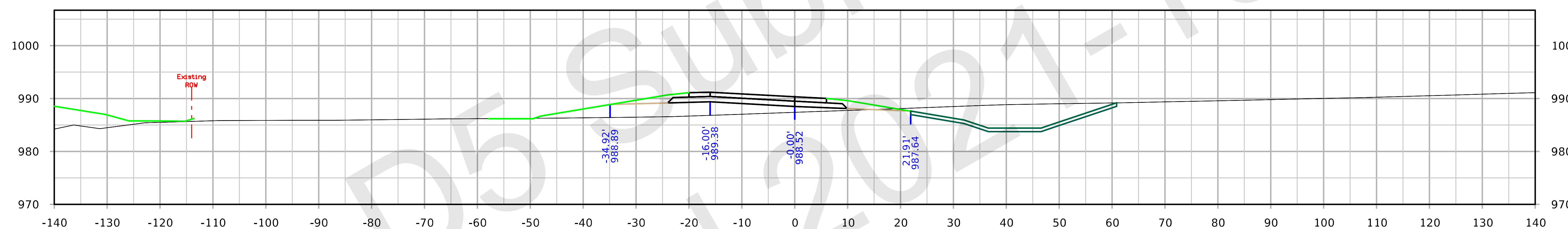
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1003

8:56:20 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210B_77035309Z08.dgn

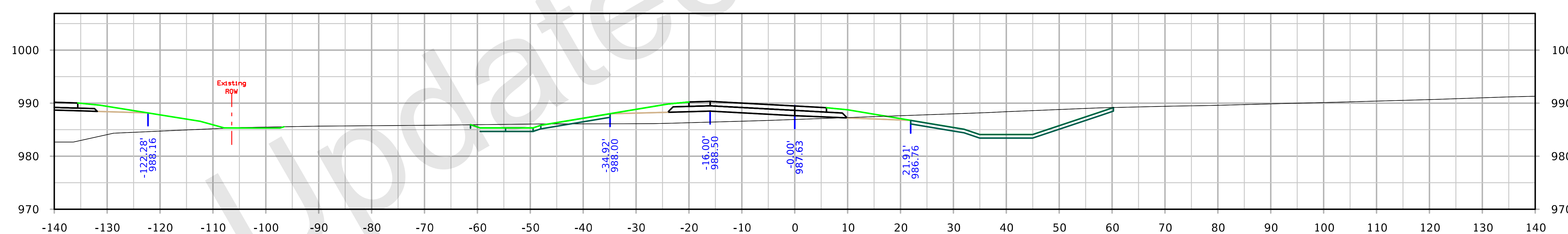
IA 210 Ramp B



STA. 2533+50.00

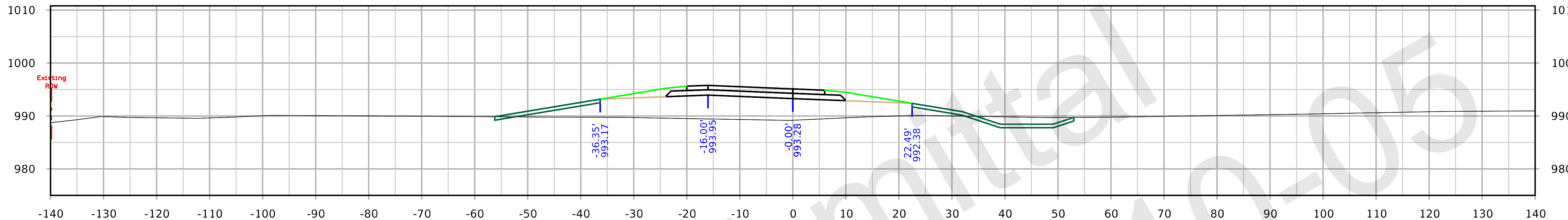


STA. 2533+00.00

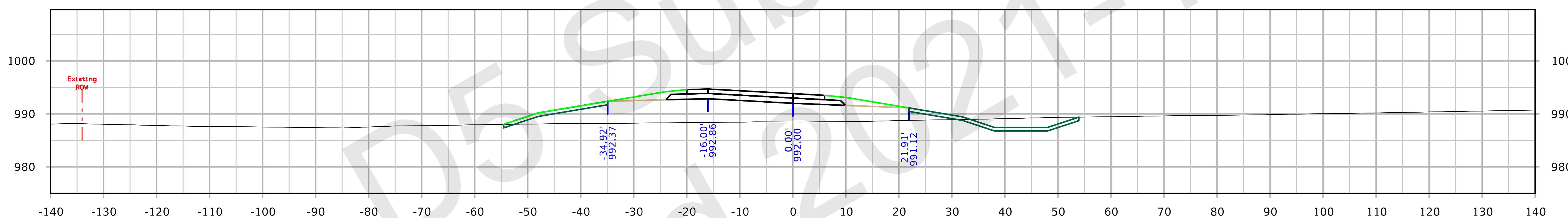


STA. 2532+50.00

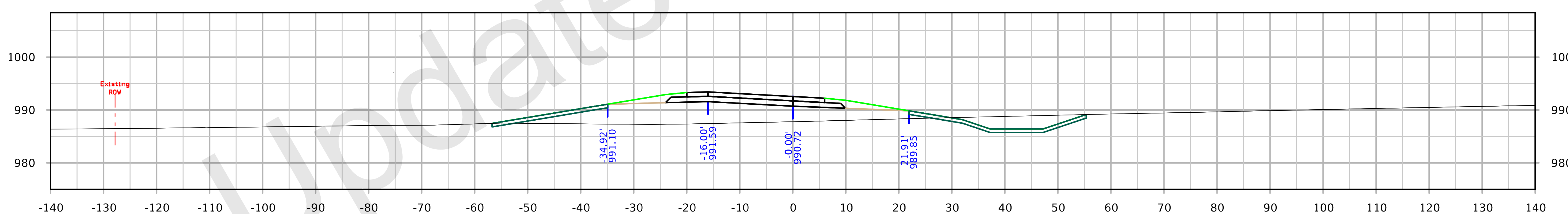
IA 210 Ramp B



STA. 2535+00.00

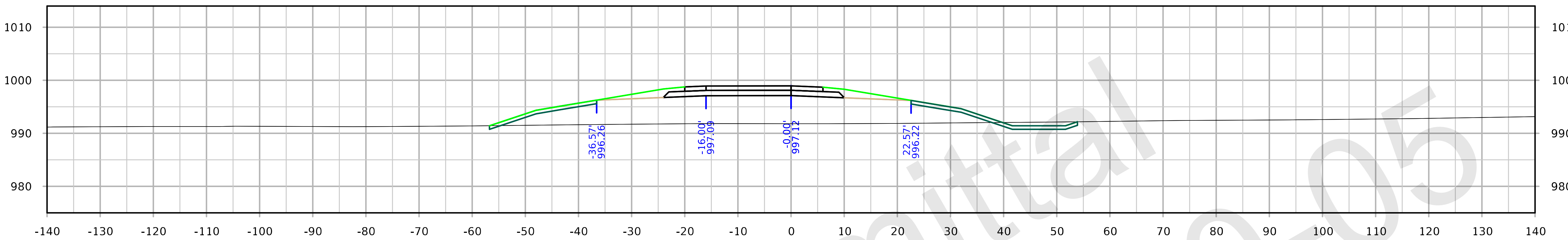


STA. 2534+50.00

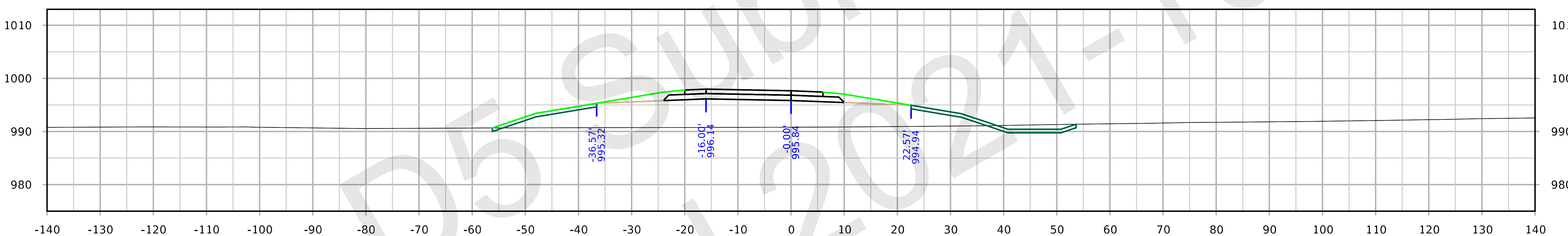


STA. 2534+00.00

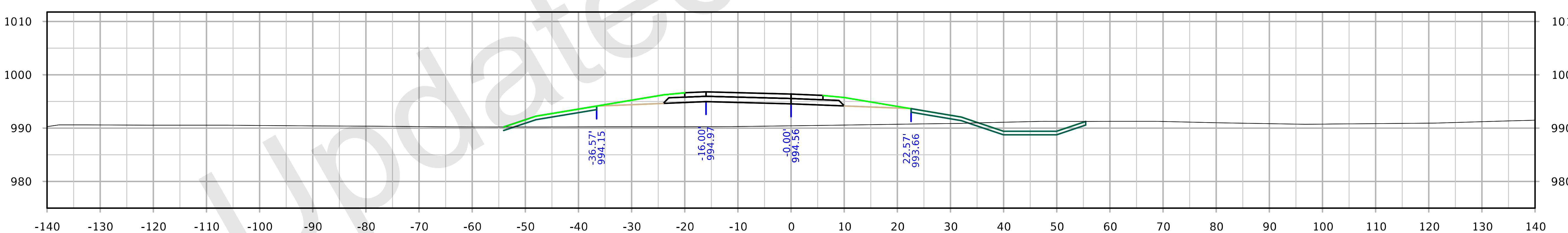
IA 210 Ramp B



STA. 2536+50.00



STA. 2536+00.00

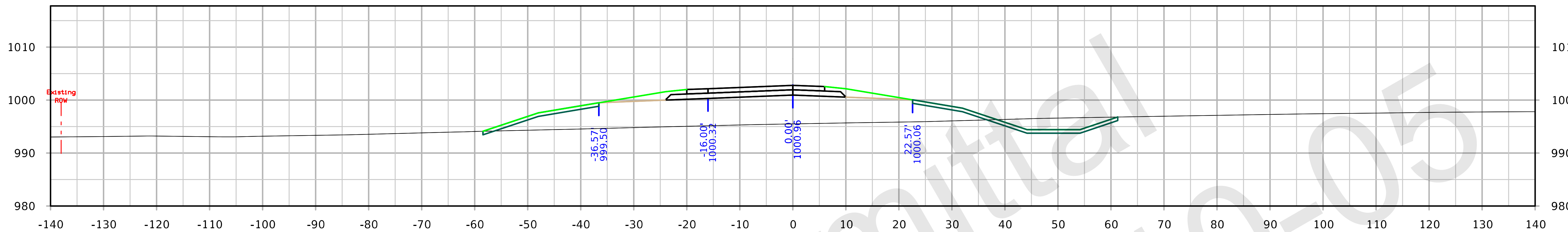


STA. 2535+50.00

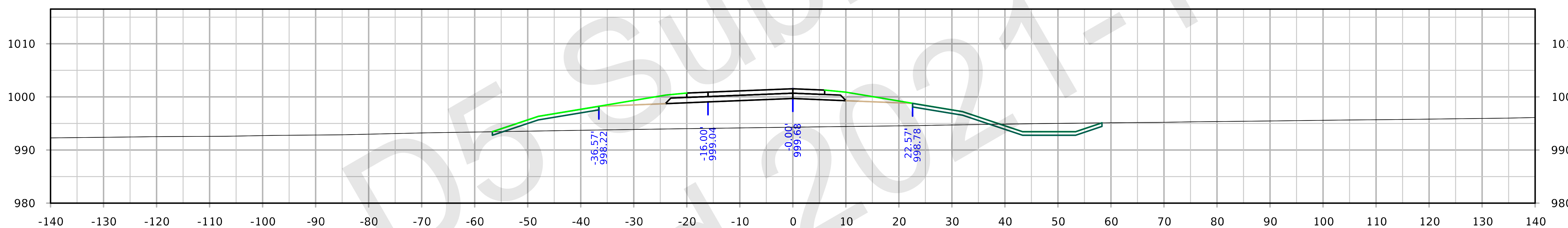
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1006

8:57:30 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210B_77035309Z08.dgn

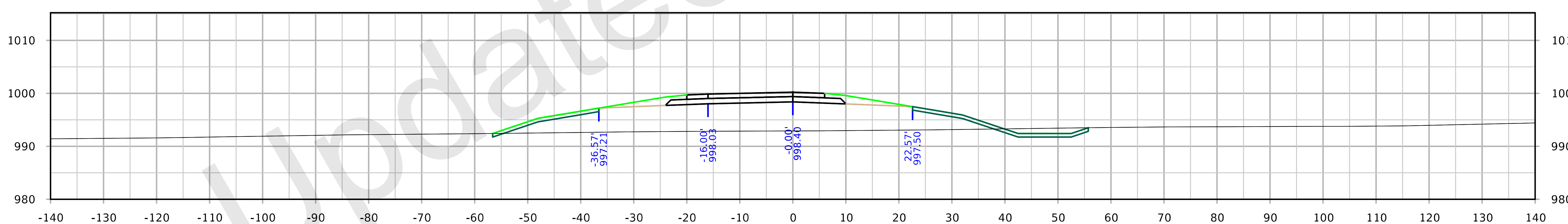
IA 210 Ramp B



STA. 2538+00.00



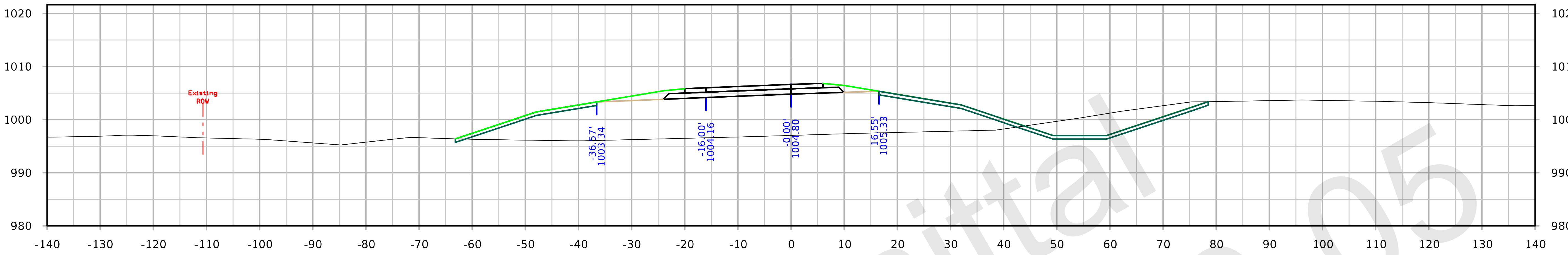
STA. 2537+50.00



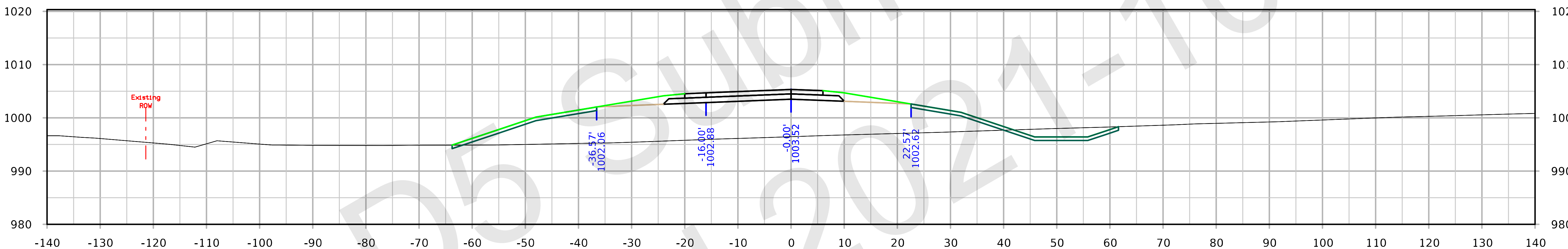
STA. 2537+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1007

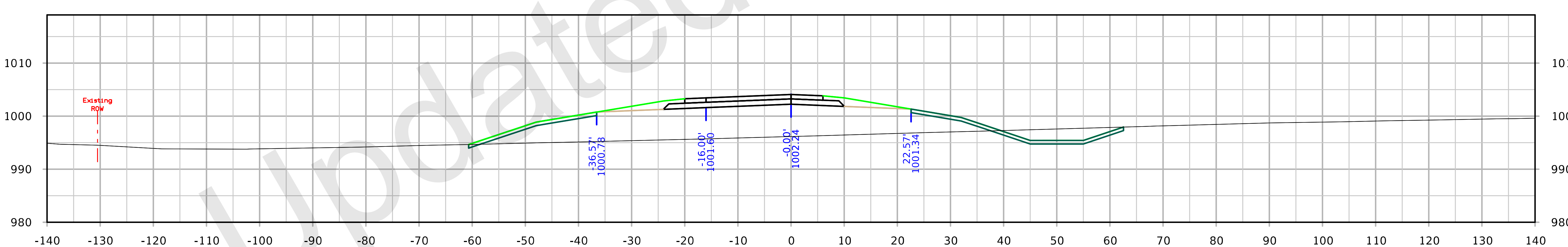
IA 210 Ramp B



STA. 2539+50.00



STA. 2539+00.00

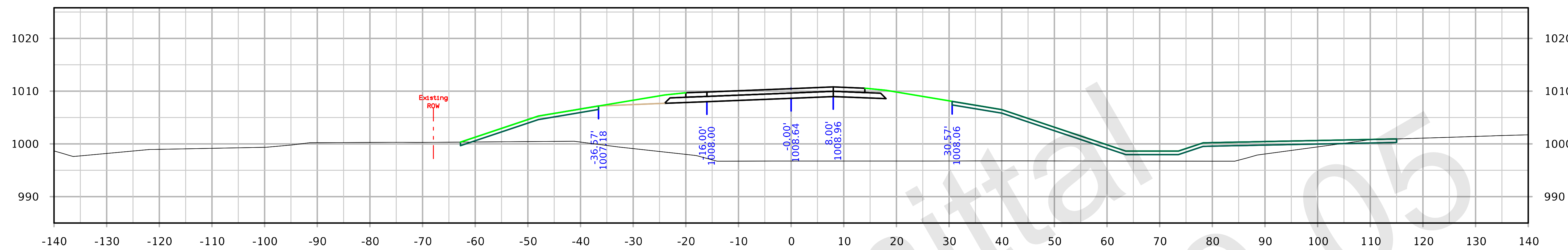


STA. 2538+50.00

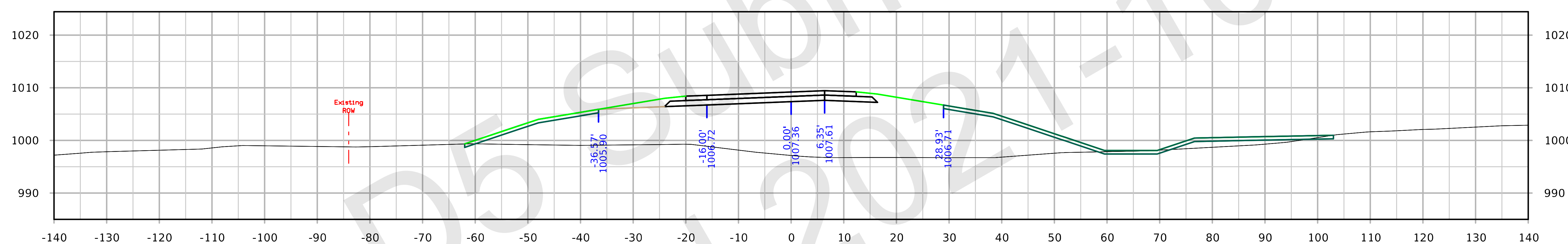
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1008

8:58:17 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210B_77035309Z08.dgn

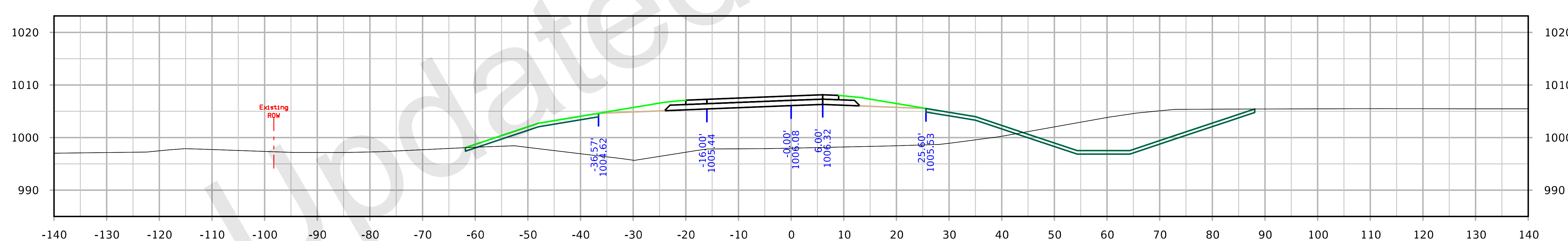
IA 210 Ramp B



STA. 2541+00.00



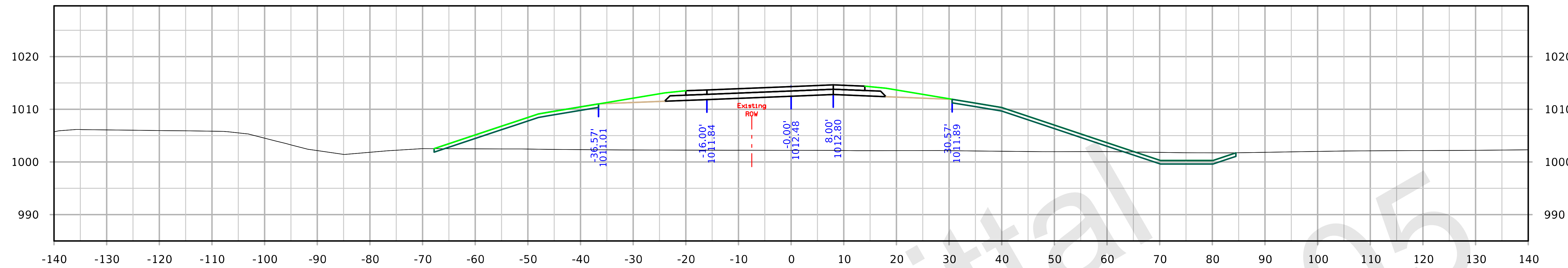
STA. 2540+50.00



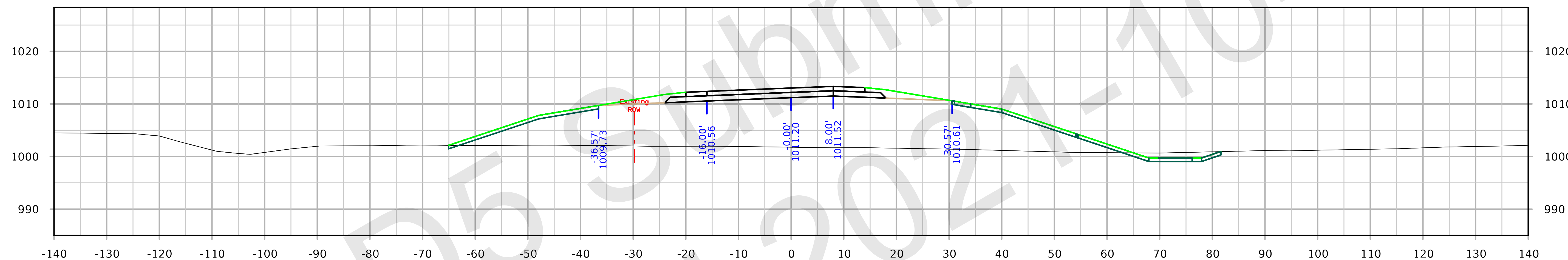
STA. 2540+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1009

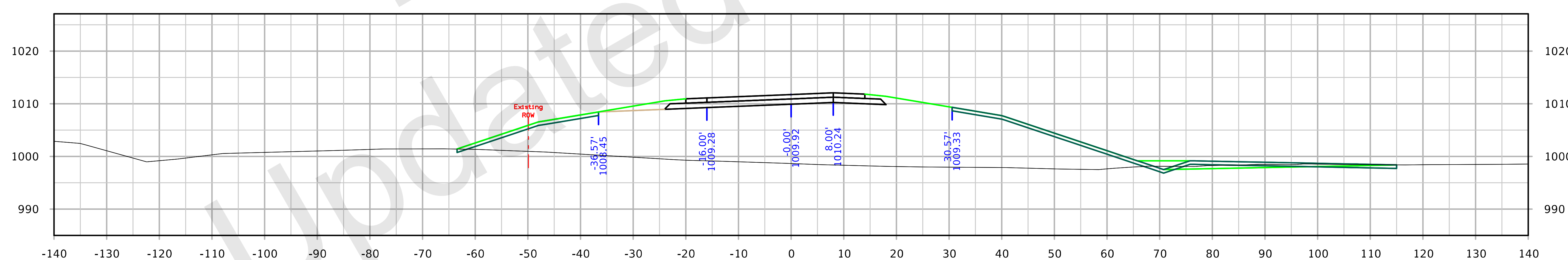
IA 210 Ramp B



STA. 2542+50.00



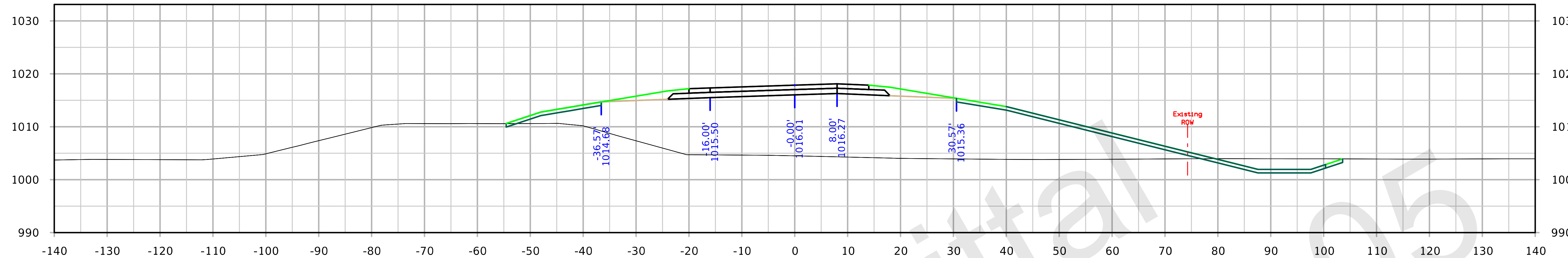
STA. 2542+00.00



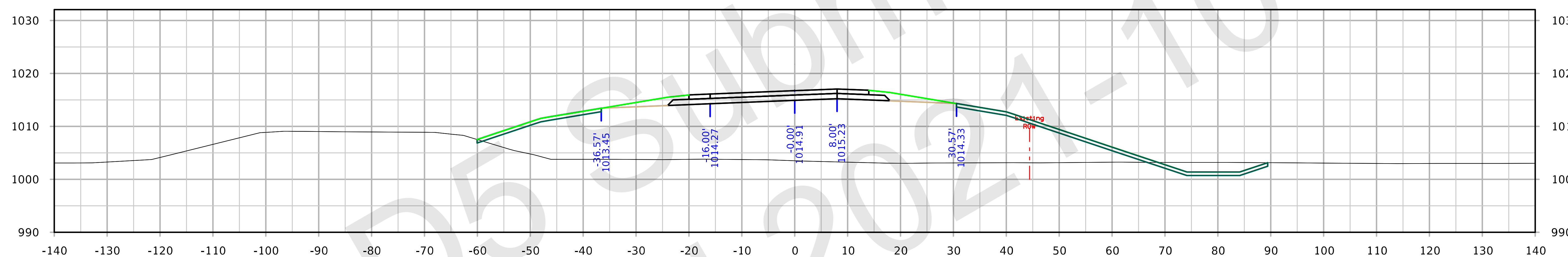
STA. 2541+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1010

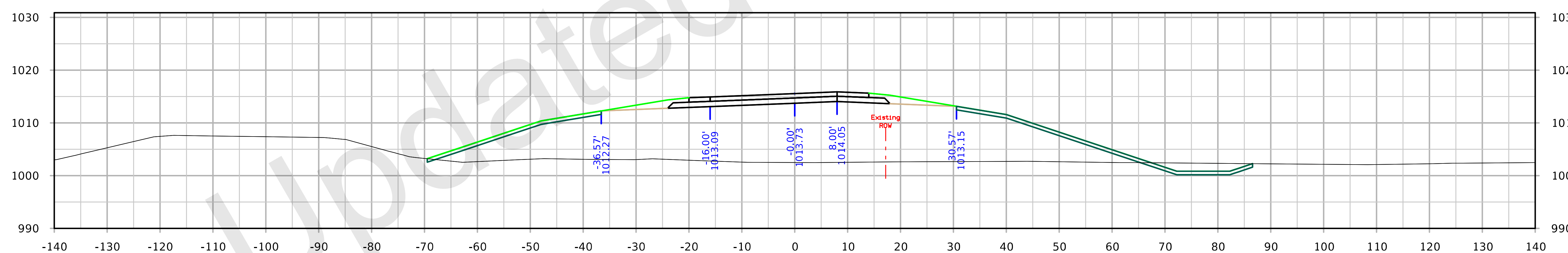
IA 210 Ramp B



STA. 2544+00.00



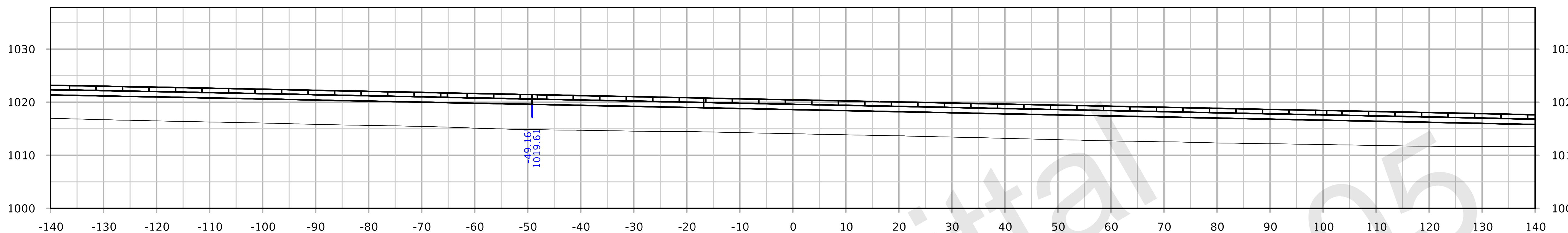
STA. 2543+50.00



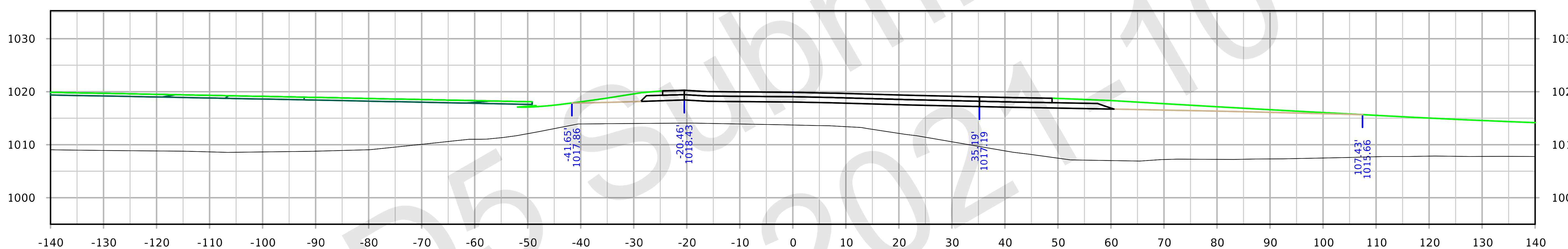
STA. 2543+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1011

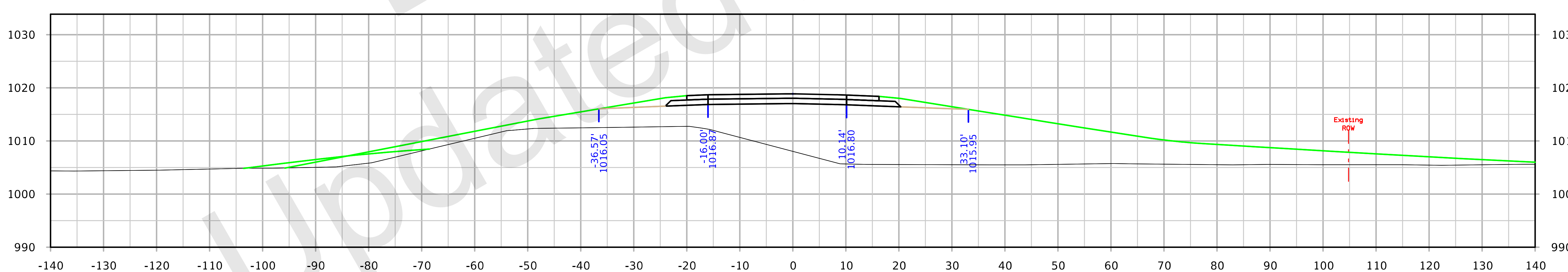
IA 210 Ramp B



STA. 2545+29.26



STA. 2545+00.00

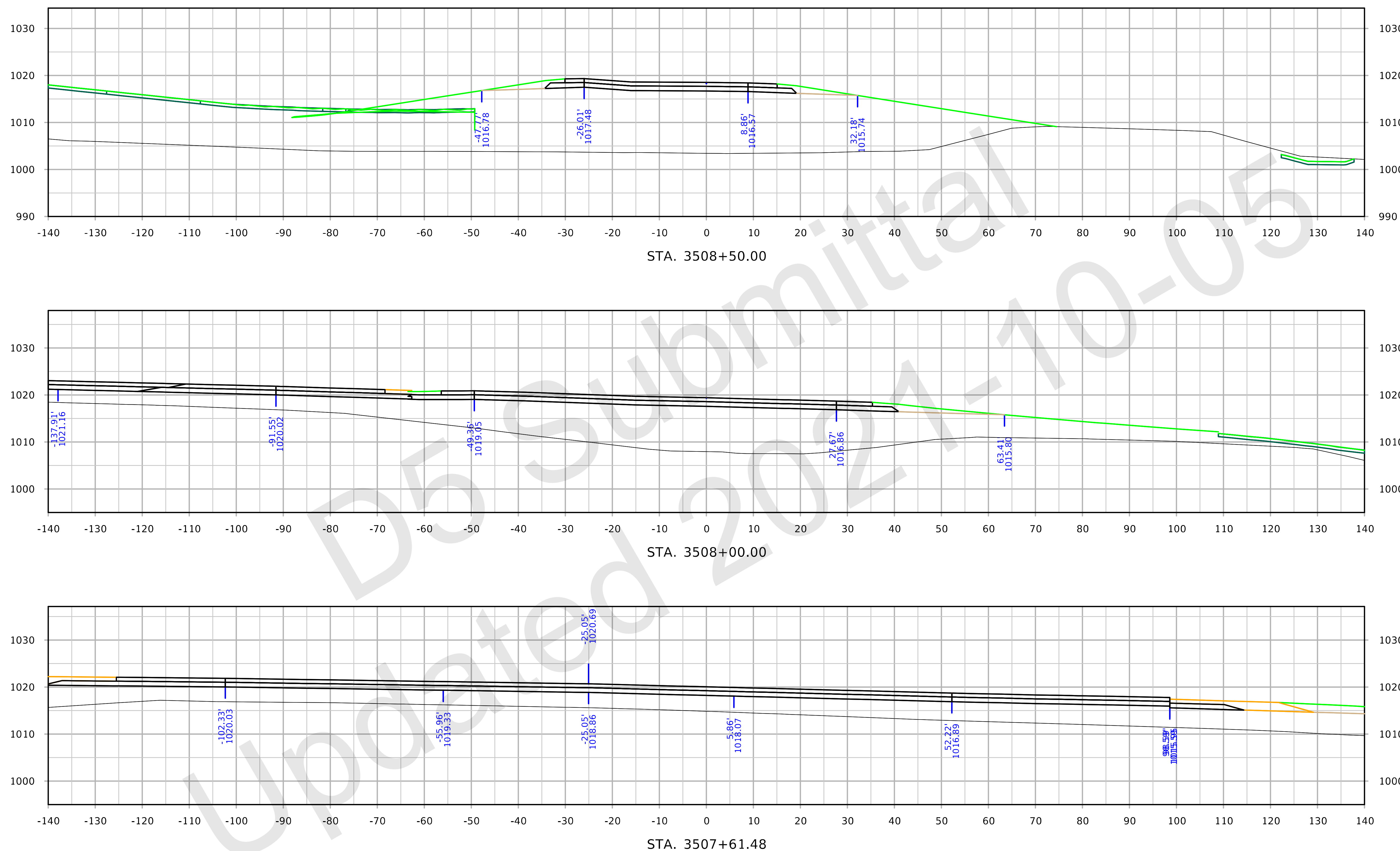


STA. 2544+50.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1012

9:00:07 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210B_77035309Z08.dgn

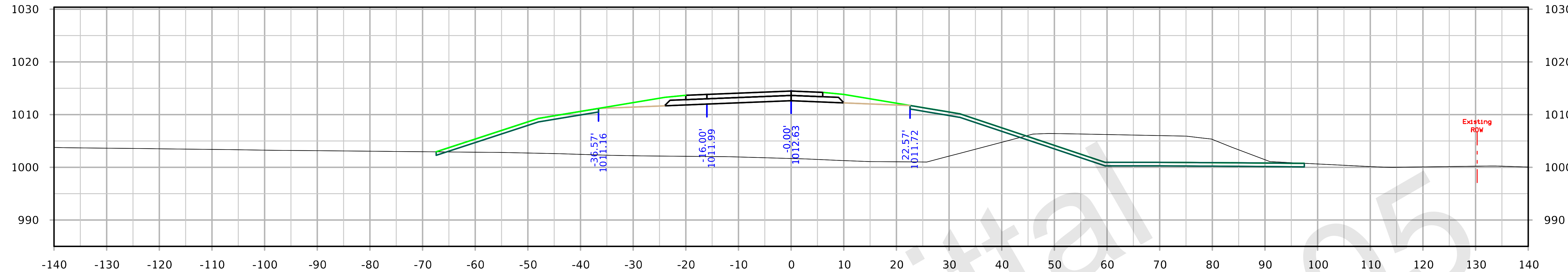
IA 210 Ramp C



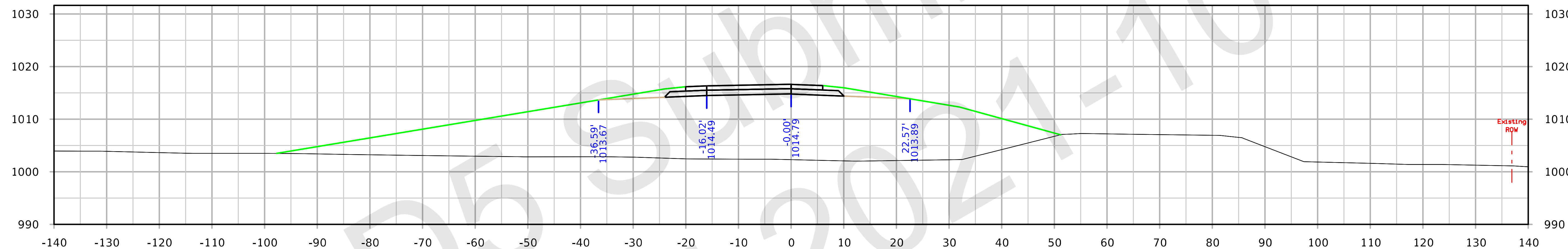
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1100

9:02:23 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210C_77035309Z08.dgn

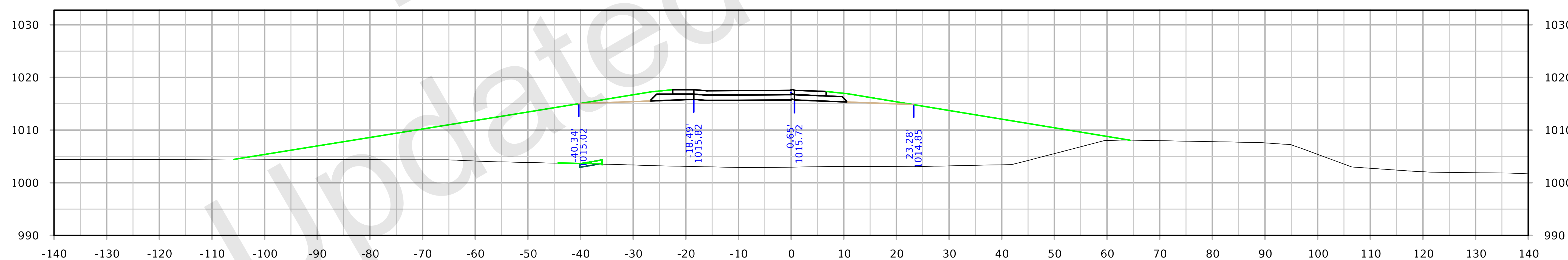
IA 210 Ramp C



STA. 3510+00.00



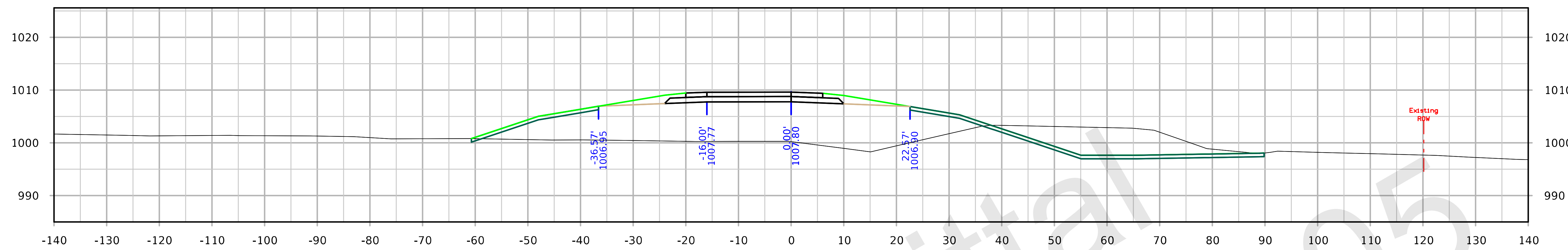
STA. 3509+50.00



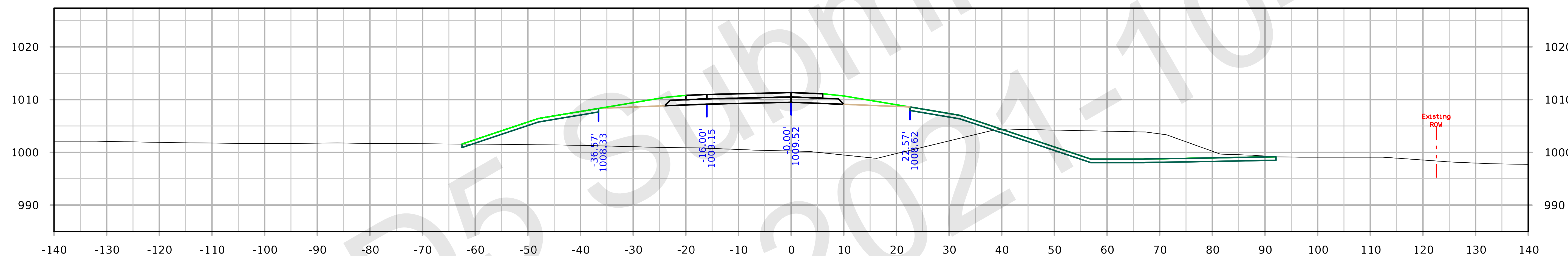
STA. 3509+00.00

FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER Y.1101

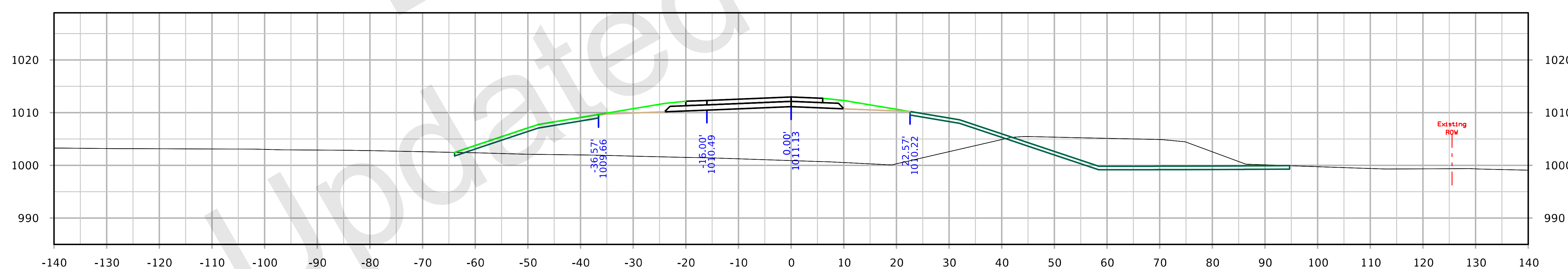
IA 210 Ramp C



STA. 3511+50.00



STA. 3511+00.00

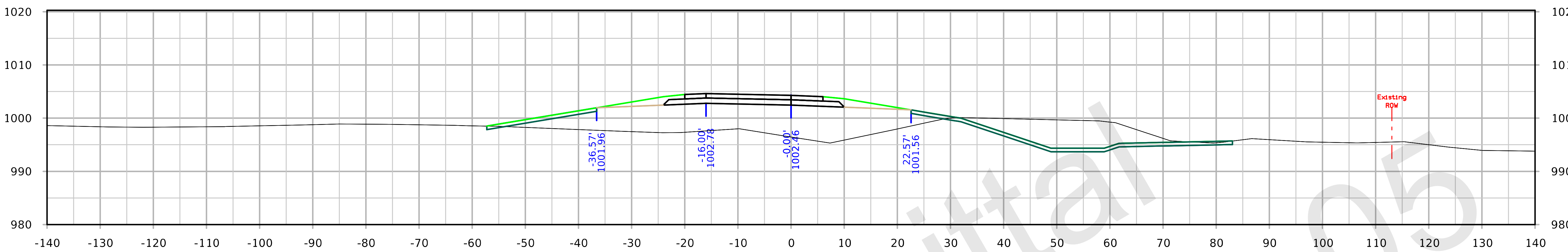


STA. 3510+50.00

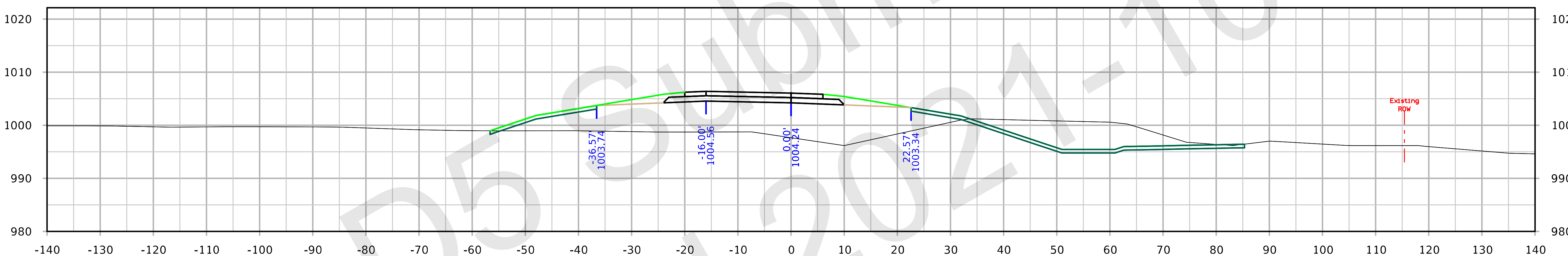
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1102

9:03:16 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210C_77035309Z08.dgn

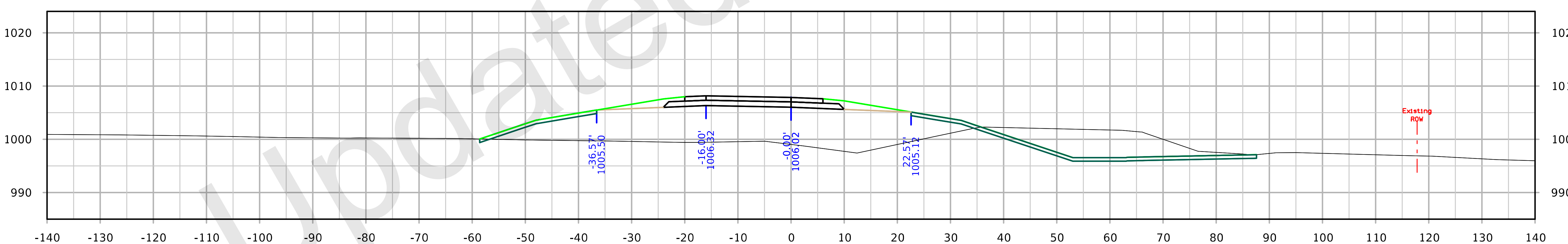
IA 210 Ramp C



STA. 3513+00.00

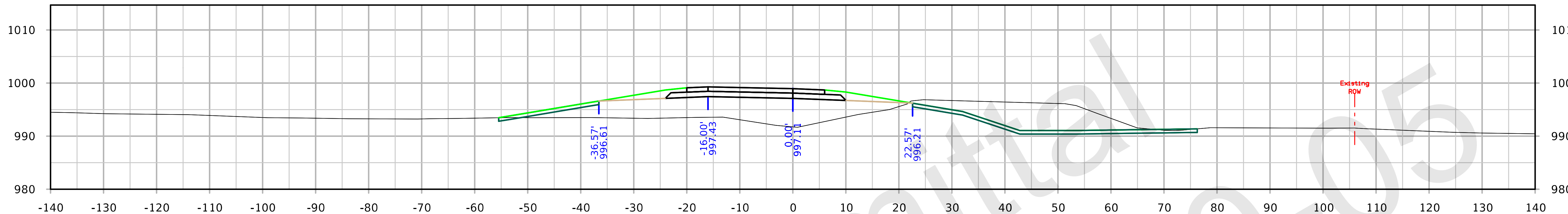


STA. 3512+50.00

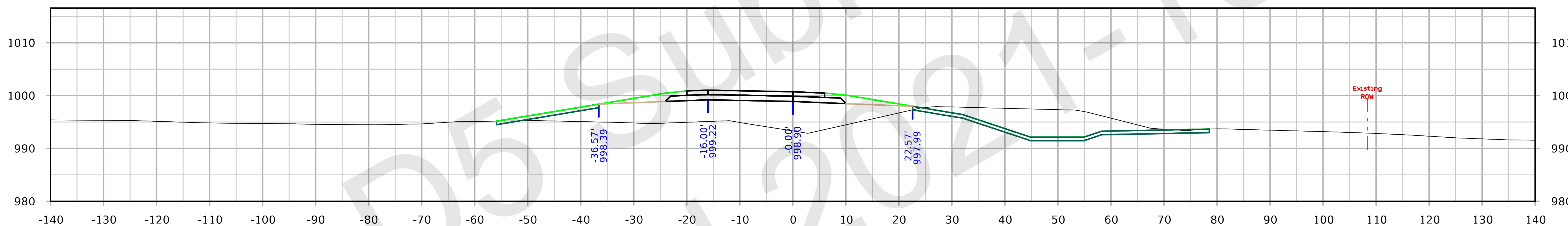


STA. 3512+00.00

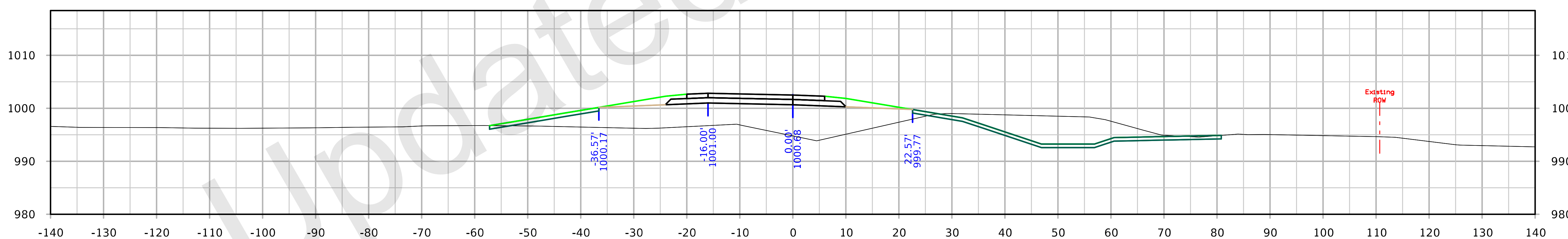
IA 210 Ramp C



STA. 3514+50.00



STA. 3514+00.00

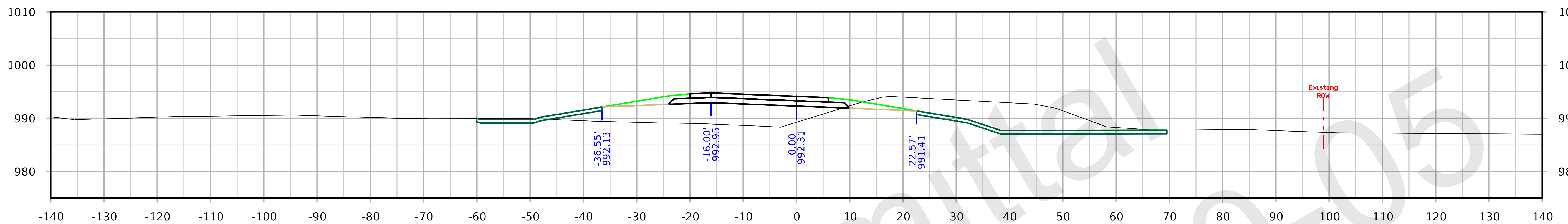


STA. 3513+50.00

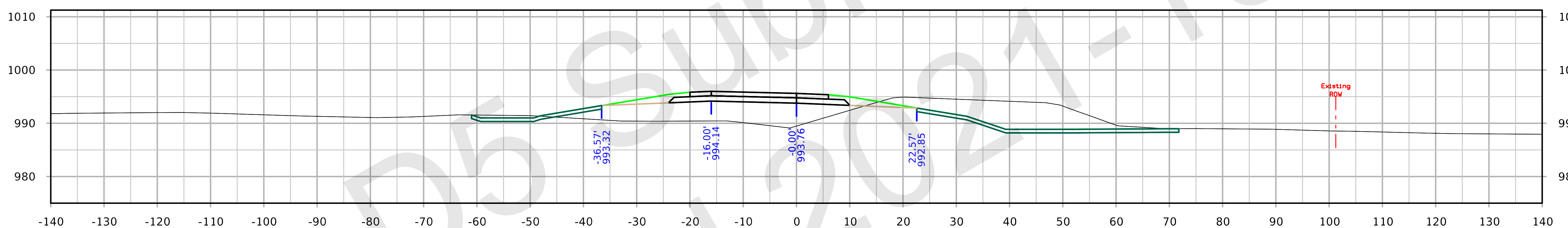
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1104

9:04:09 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210C_77035309Z08.dgn

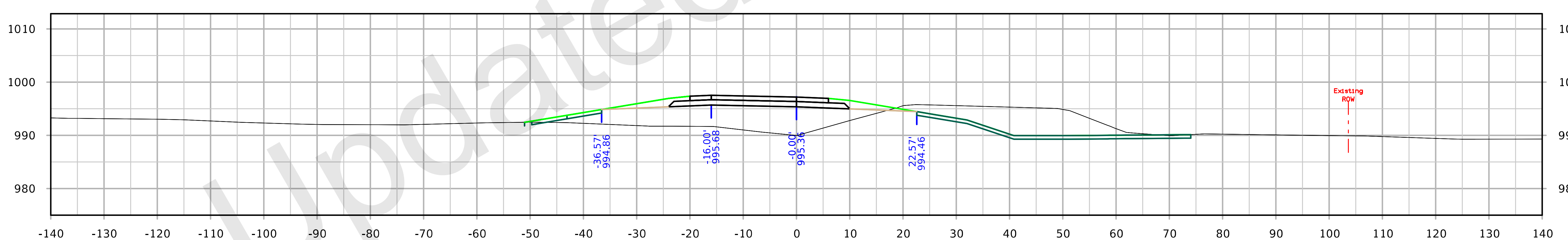
IA 210 Ramp C



STA. 3516+00.00

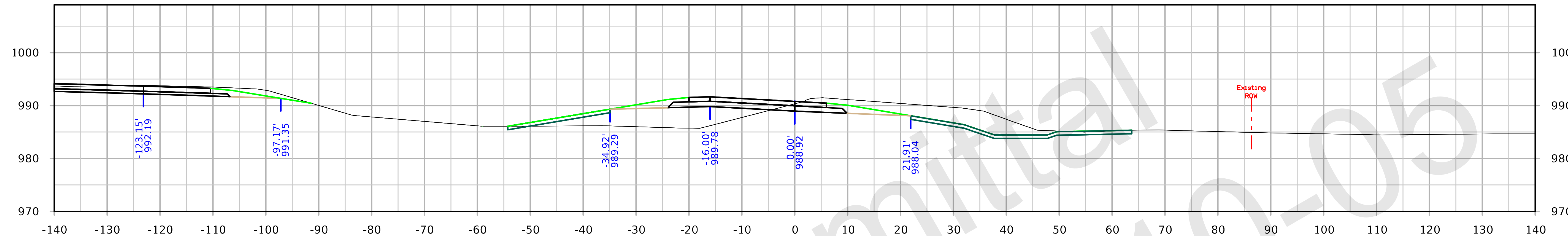


STA. 3515+50.00

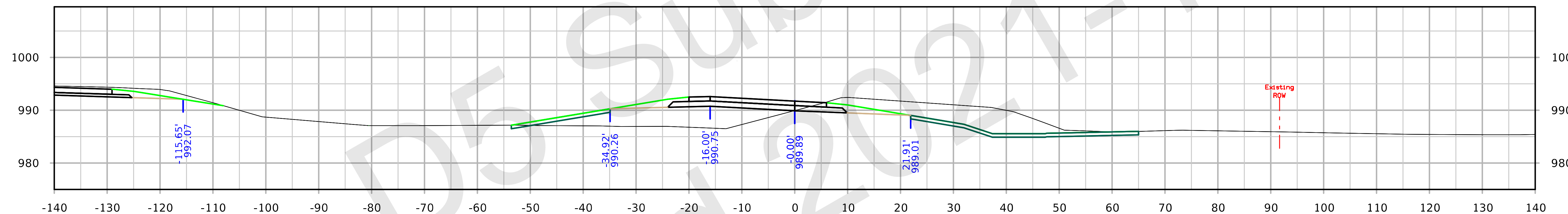


STA. 3515+00.00

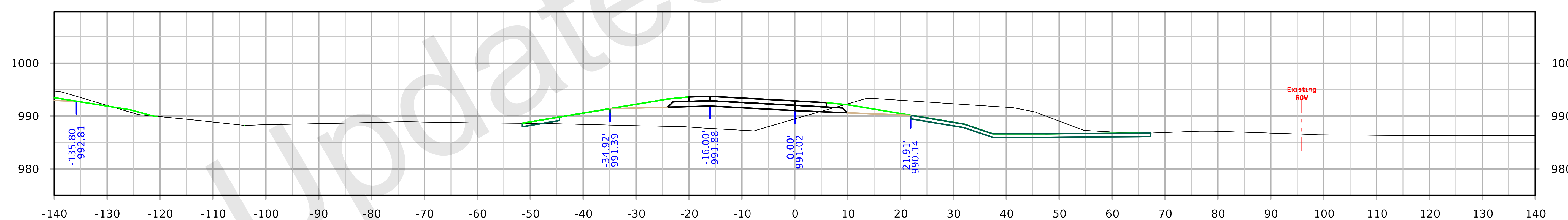
IA 210 Ramp C



STA. 3517+50.00

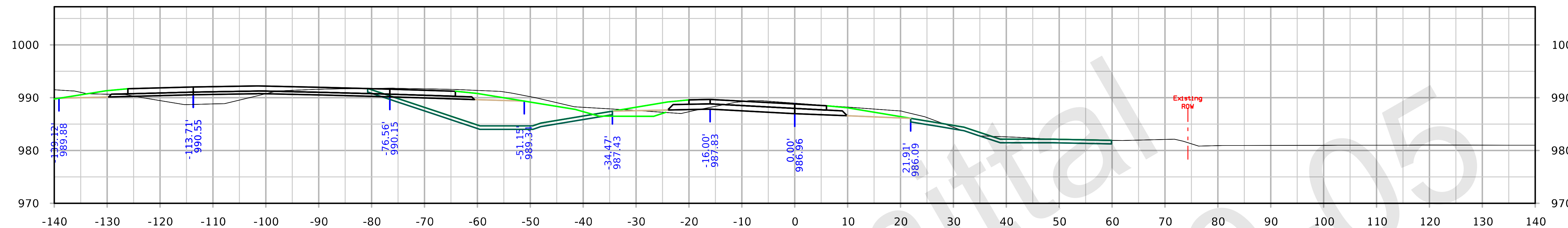


STA. 3517+00.00

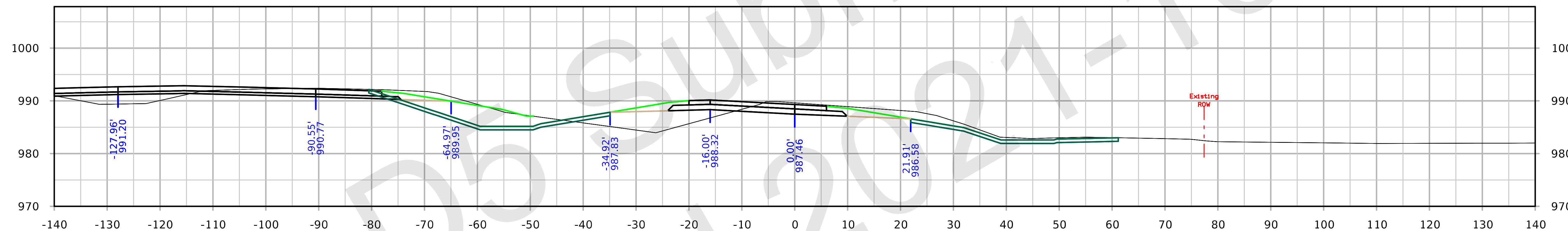


STA. 3516+50.00

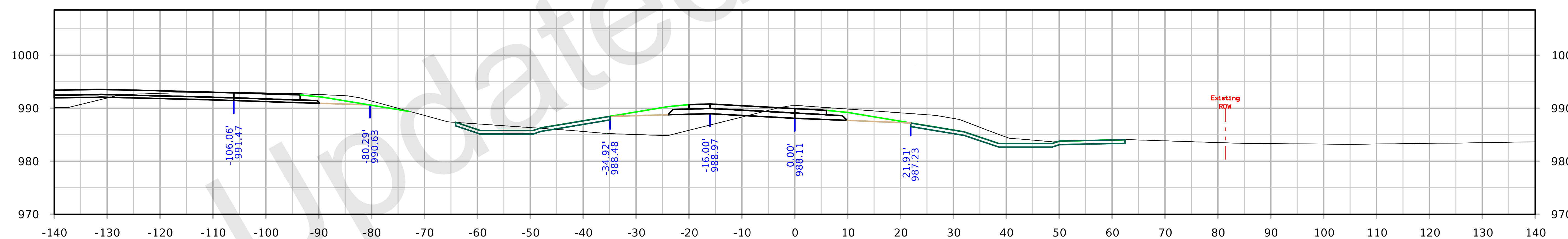
IA 210 Ramp C



STA. 3519+00.00



STA. 3518+50.00

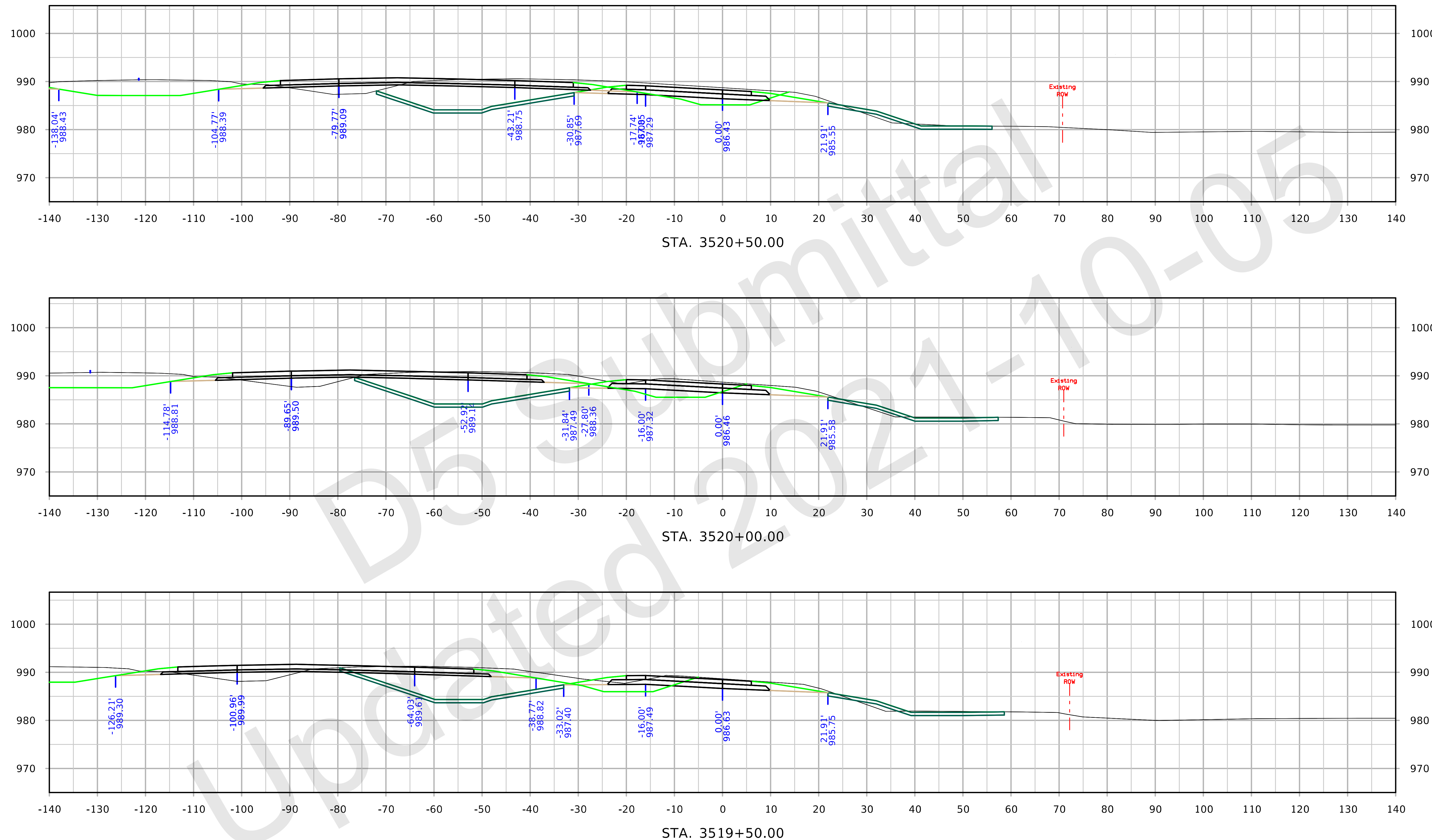


STA. 3518+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1107

9:05:29 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210C_77035309Z08.dgn

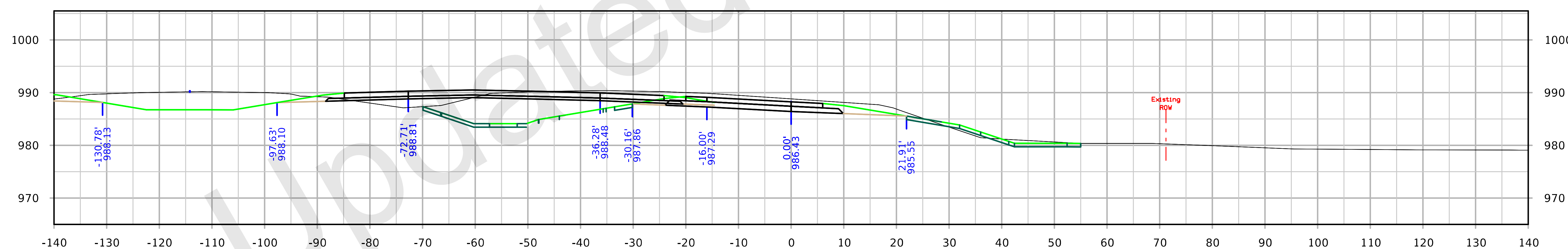
IA 210 Ramp C



FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1108

9:05:57 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210C_77035309Z08.dgn

IA 210 Ramp C

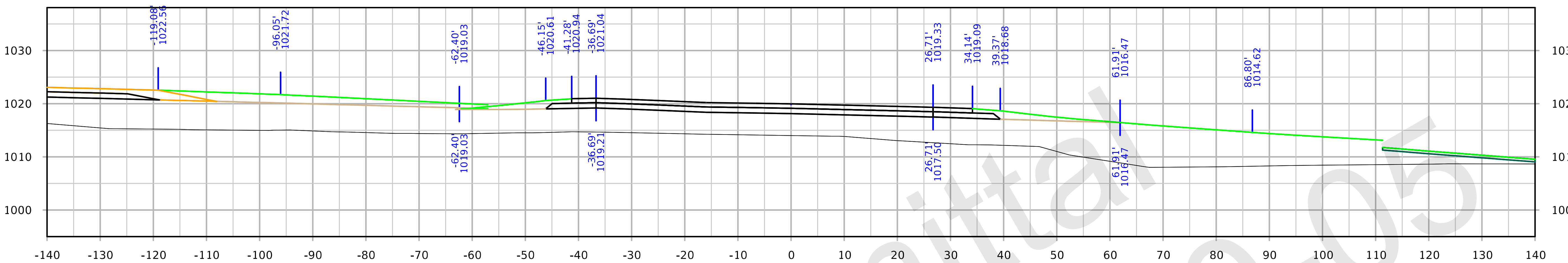


STA. 3520+90.87

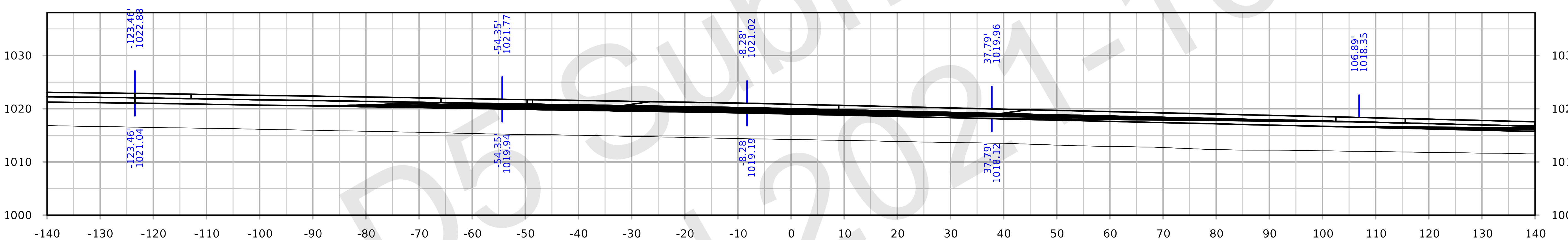
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1109

9:06:07 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210C_77035309Z08.dgn

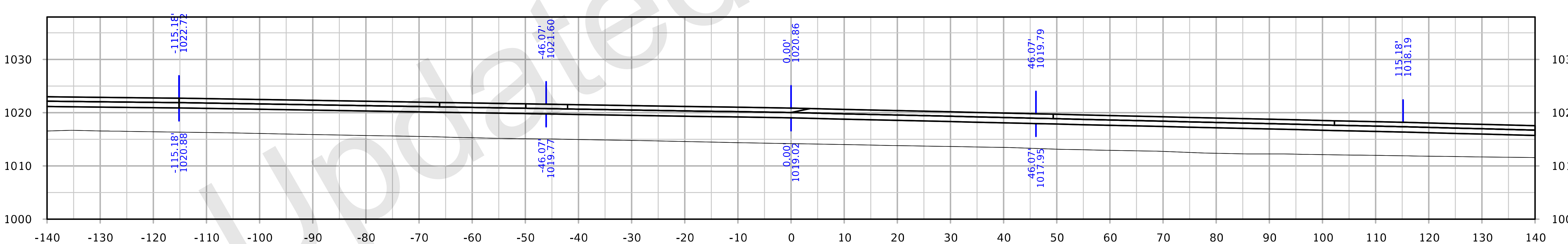
IA 210 Ramp D



STA. 4575+50.00



STA. 4575+00.00

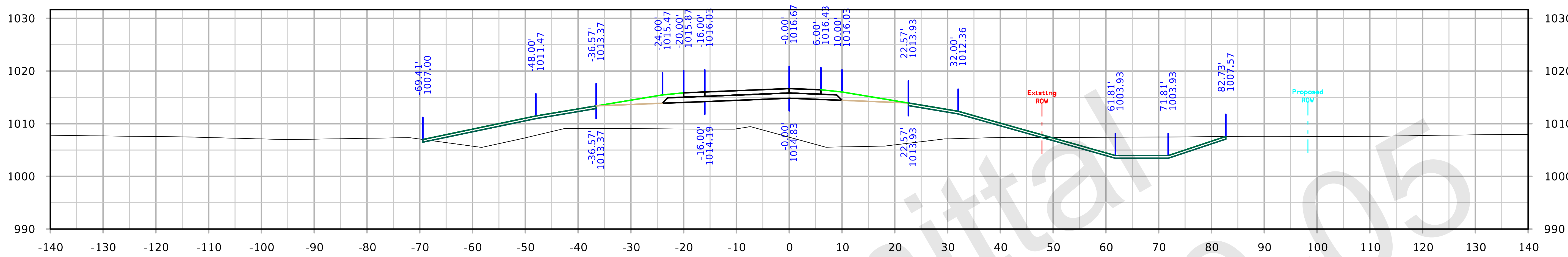


STA. 4574+98.54

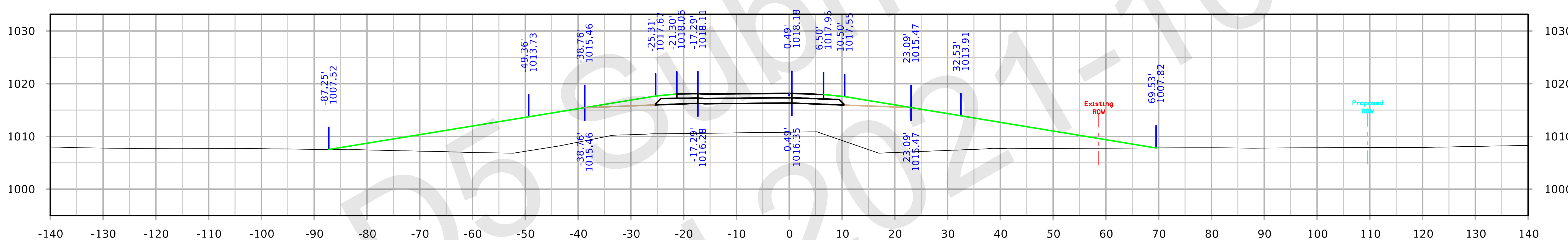
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1200

9:08:37 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210D_77035309Z08.dgn

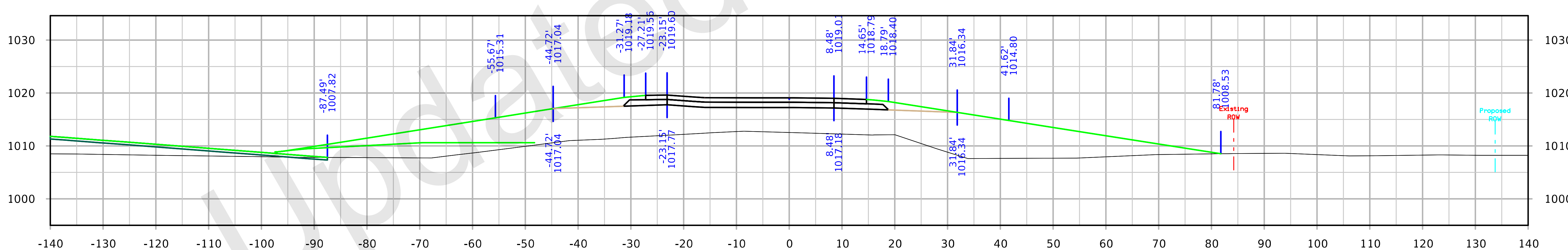
IA 210 Ramp D



STA. 4577+00.00



STA. 4576+50.00



STA. 4576+00.00

FILE NO.	ENGLISH	DESIGN TEAM		COUNTY	PROJECT NUMBER	SHEET NUMBER Y.1201

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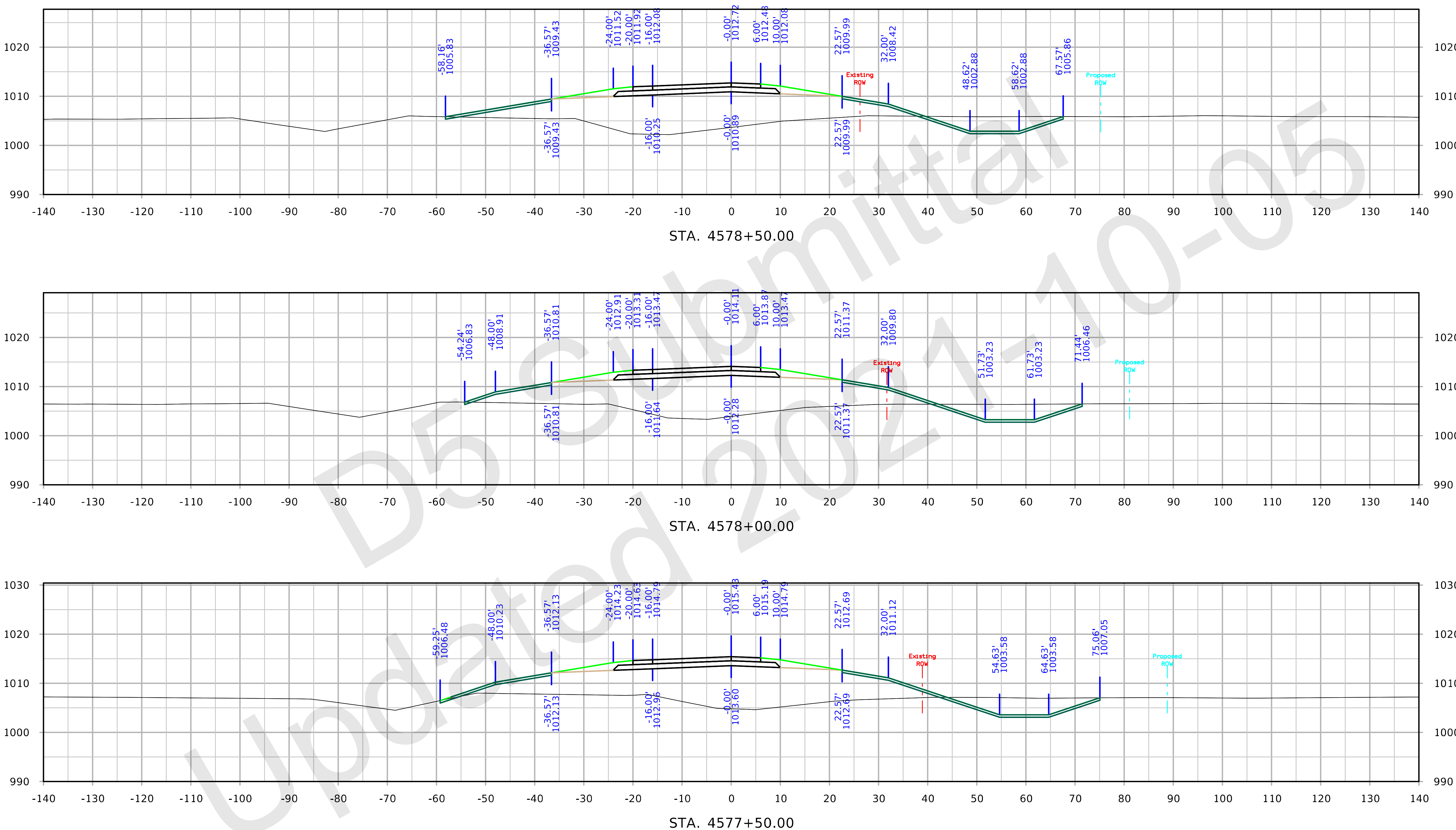
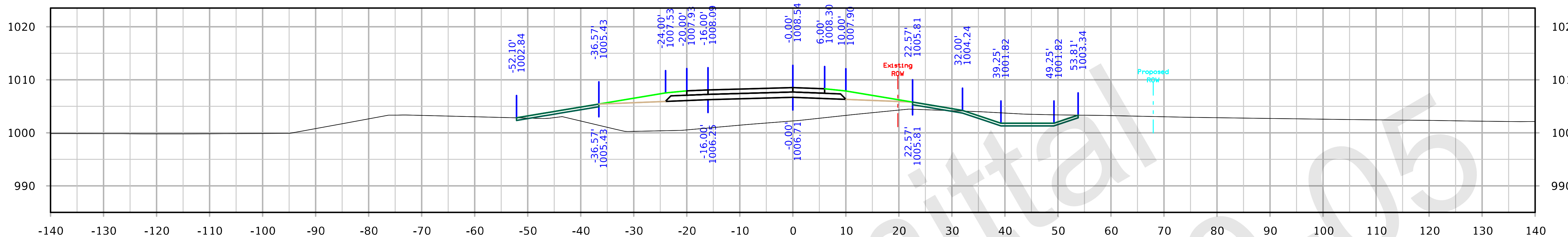
IA 210 Ramp D

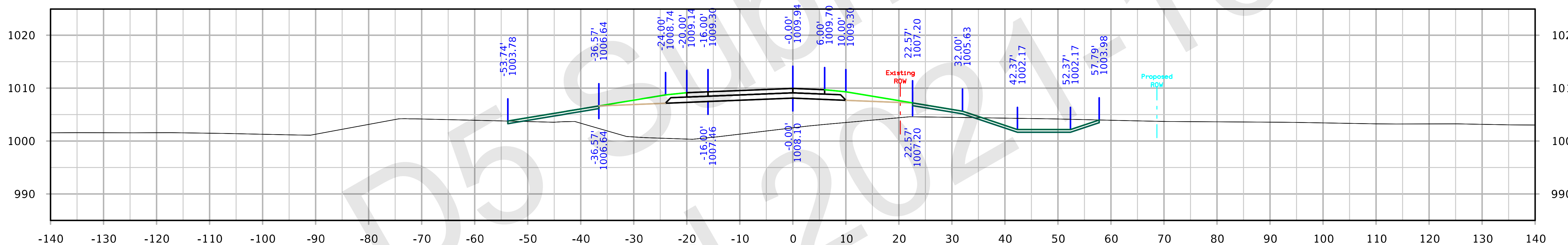


FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1202

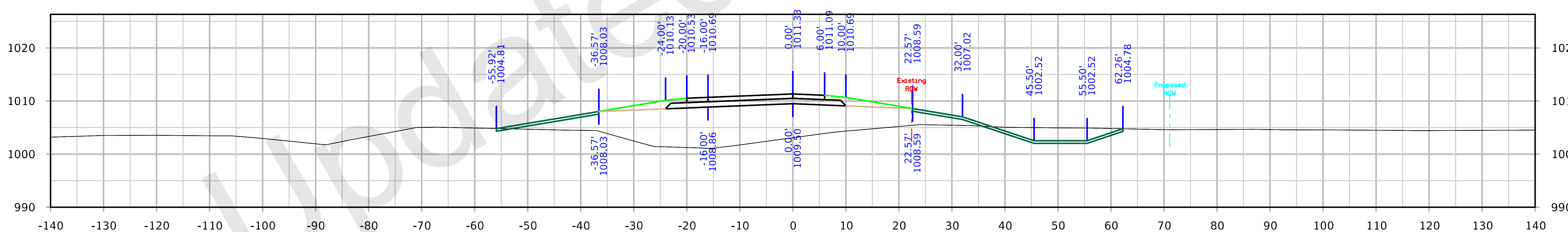
IA 210 Ramp D



STA. 4580+00.00



STA. 4579+50.00

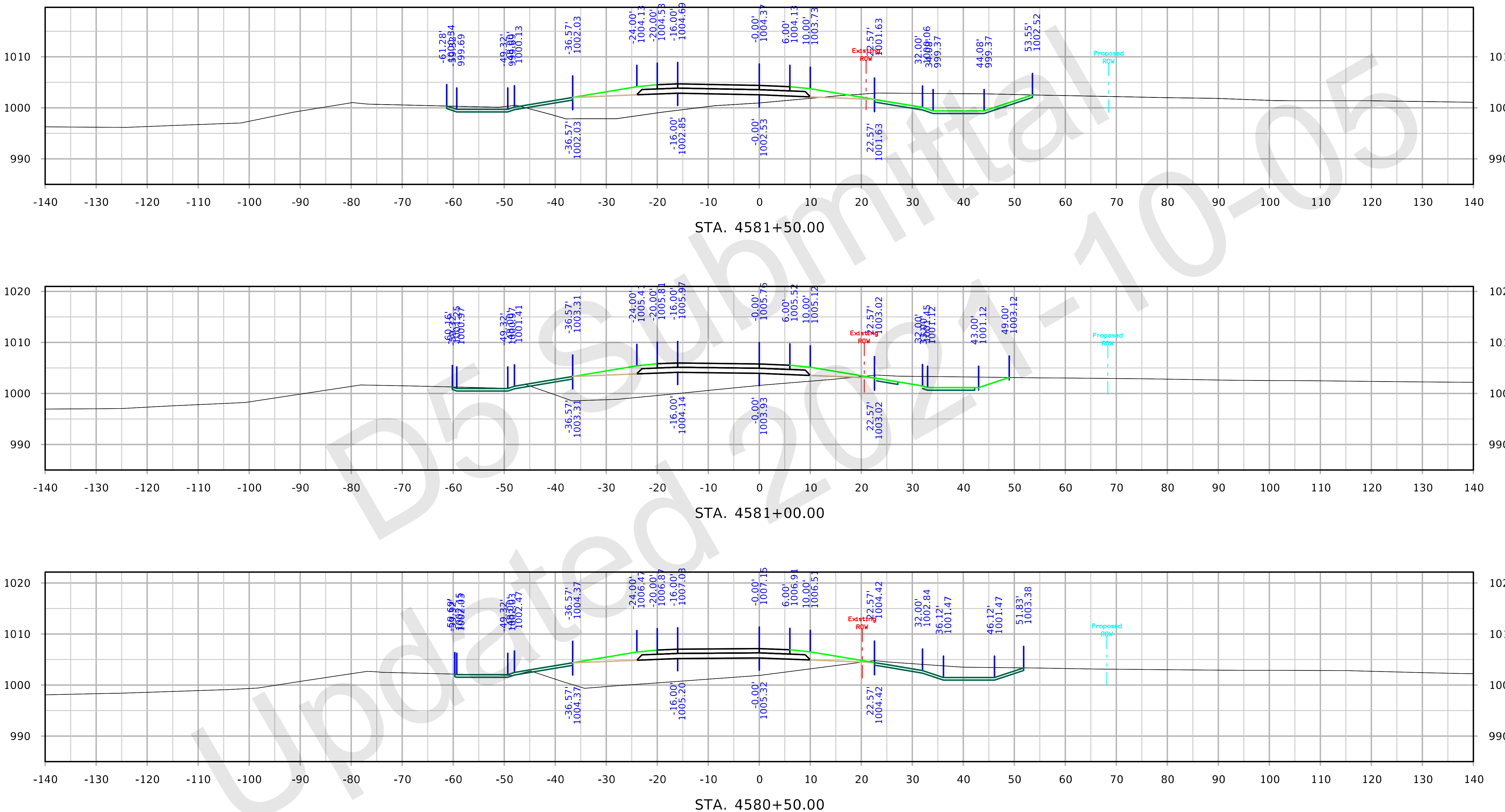


STA. 4579+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT		POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1203

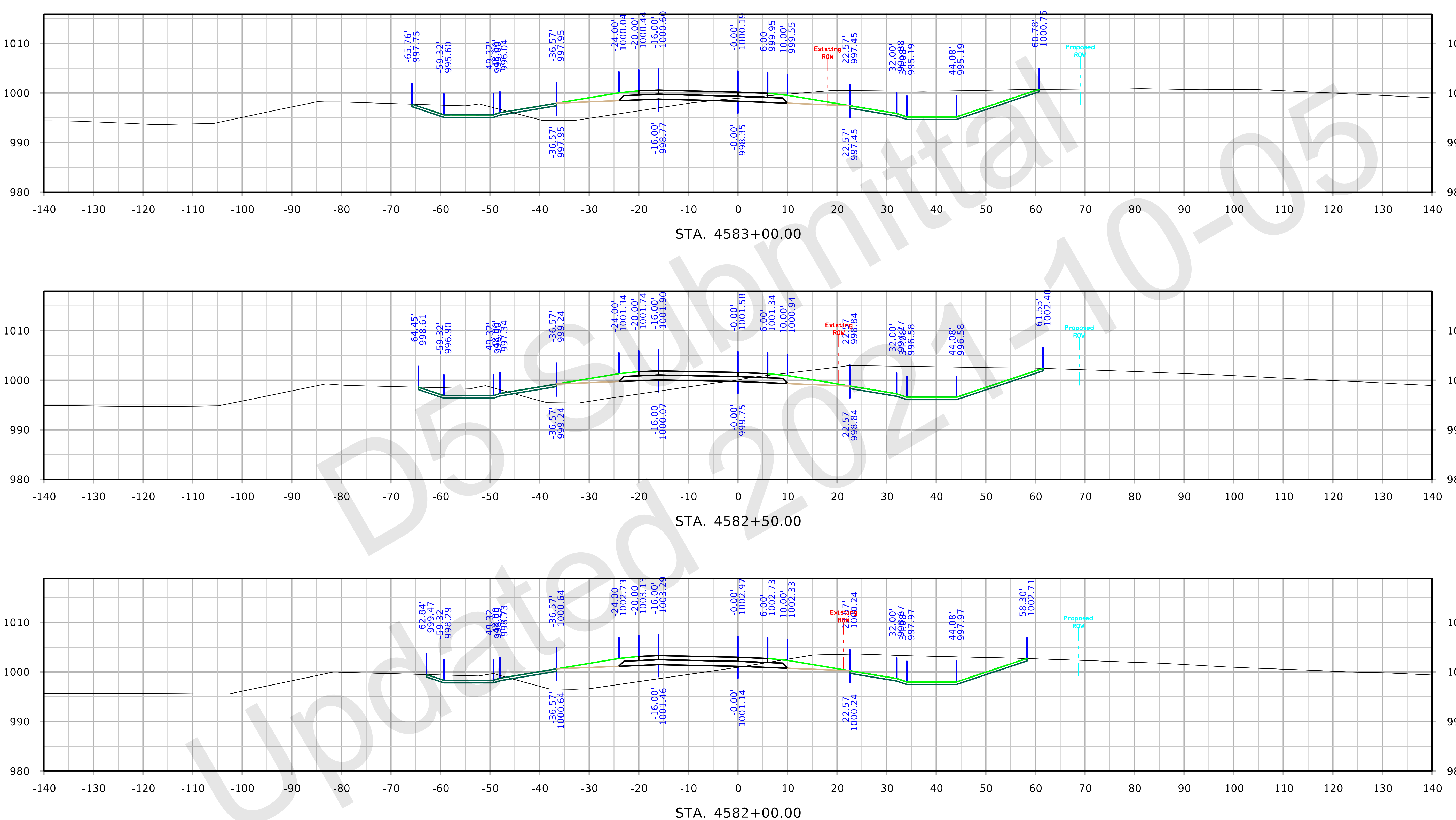
9:10:31 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210D_77035309Z08.dgn

IA 210 Ramp D



STA. 4581+50.00
STA. 4581+00.00
STA. 4580+50.00
Existing ROW
Proposed ROW

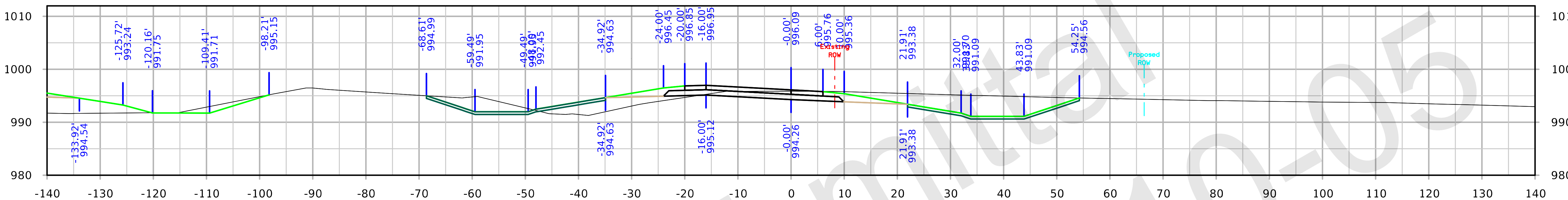
IA 210 Ramp D



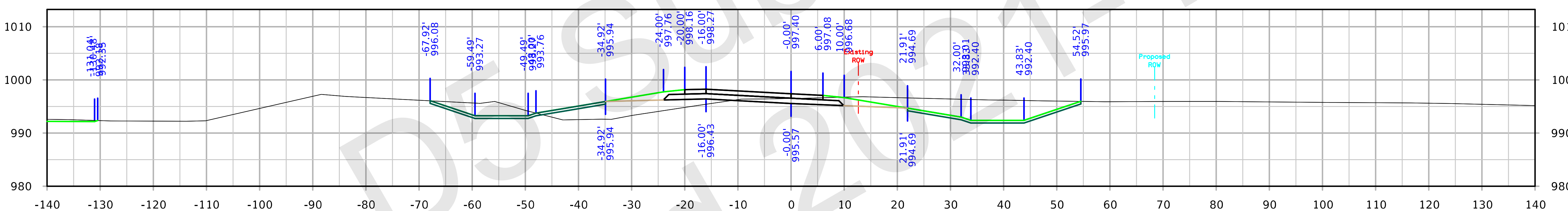
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1205

9:11:47 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210D_77035309Z08.dgn

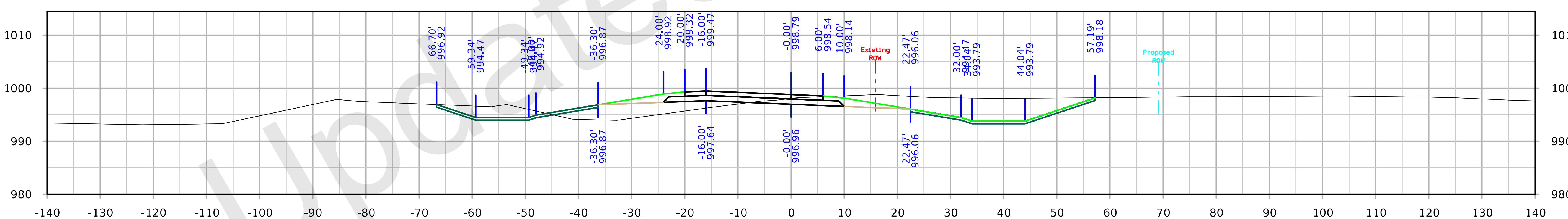
IA 210 Ramp D



STA. 4584+50.00



STA. 4584+00.00

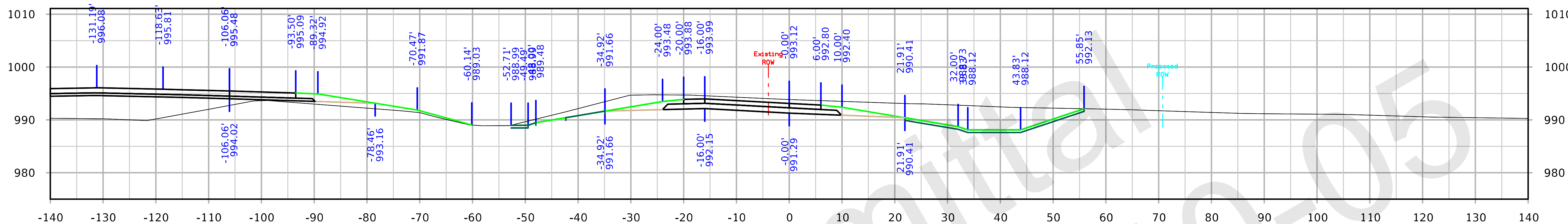


STA. 4583+50.00

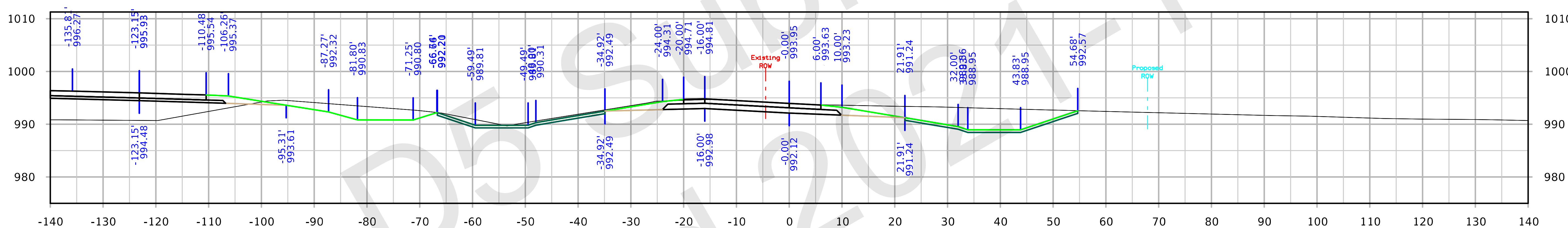
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1206

9:12:25 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210D_77035309Z08.dgn

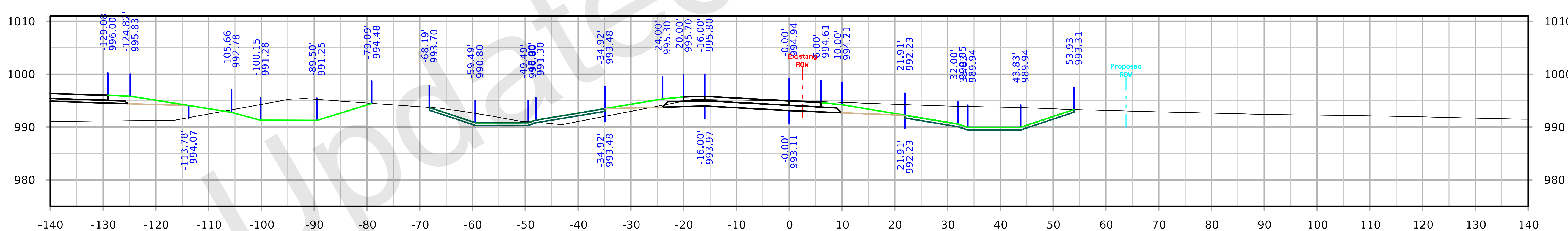
IA 210 Ramp D



STA. 4586+00.00

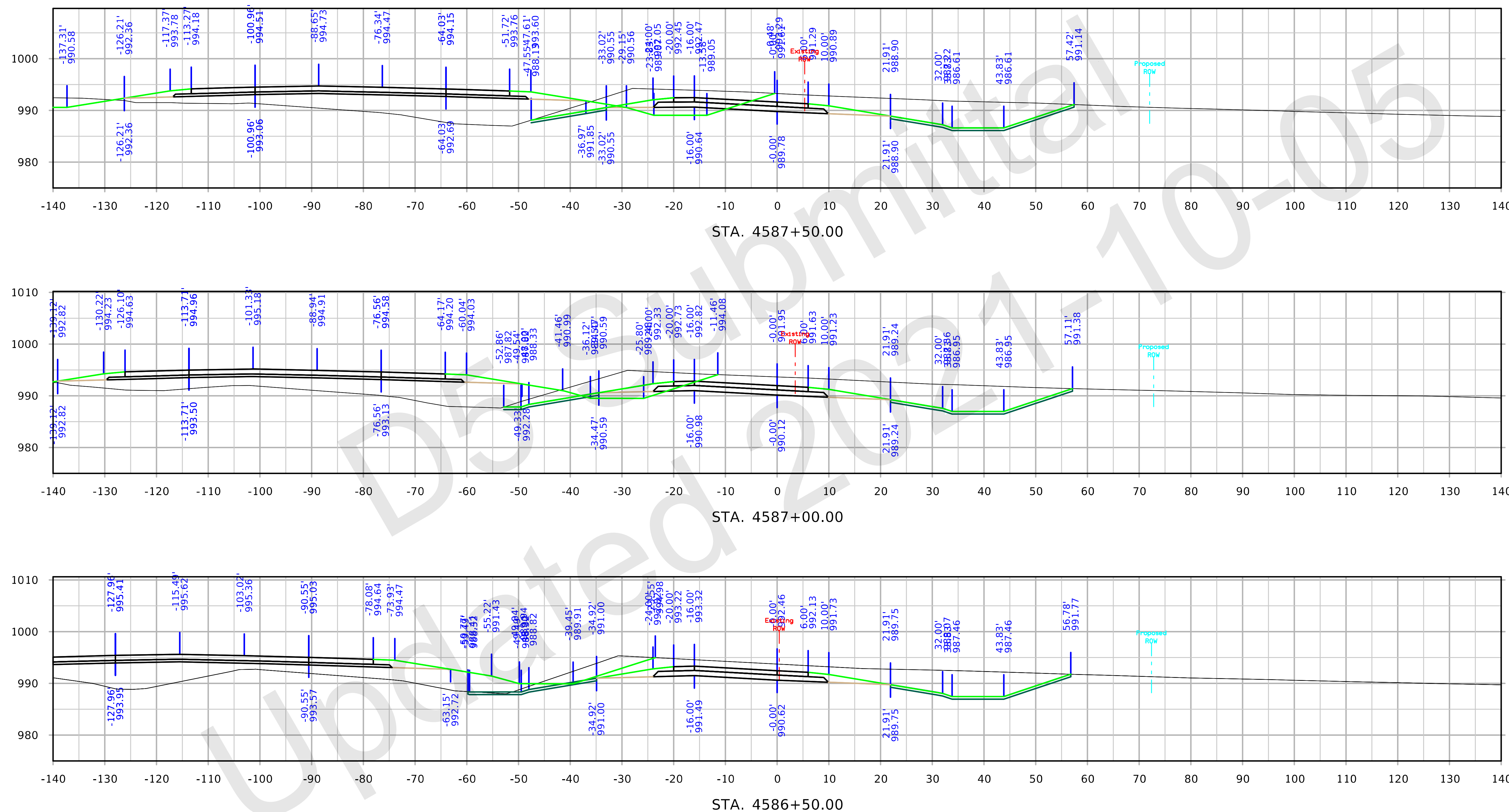


STA. 4585+50.00



STA. 4585+00.00

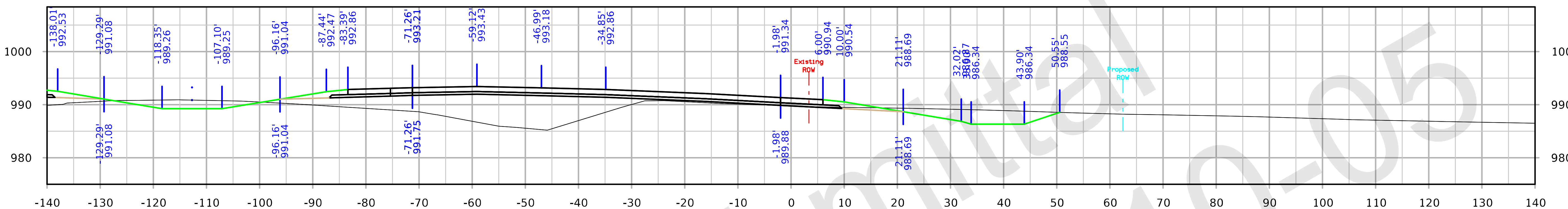
IA 210 Ramp D



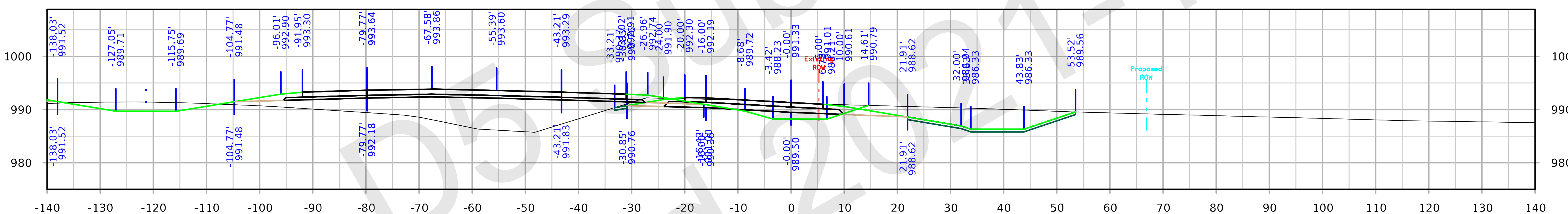
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1208

9:13:43 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210D_77035309Z08.dgn

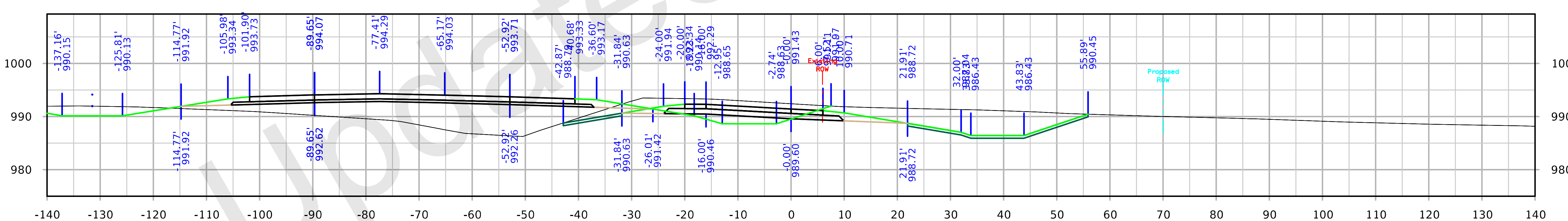
IA 210 Ramp D



STA. 4589+00.00



STA. 4588+50.00

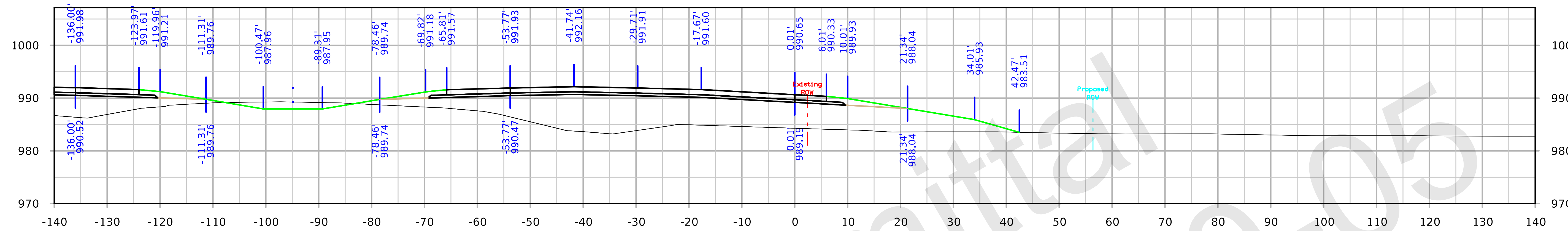


STA. 4588+00.00

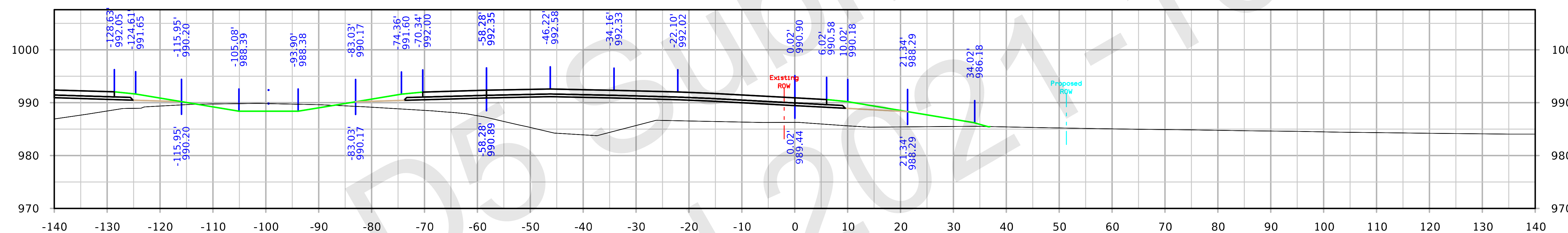
FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1209

9:14:28 AM 10/5/2021 kbell pw:\\ntPwInt1.dot.int.lan:PWMain\Documents\Projects\7703504015\Design_(309)_PreliminaryEngineering\CADD_Files\Cross_Sections\XS_RMP210D_77035309Z08.dgn

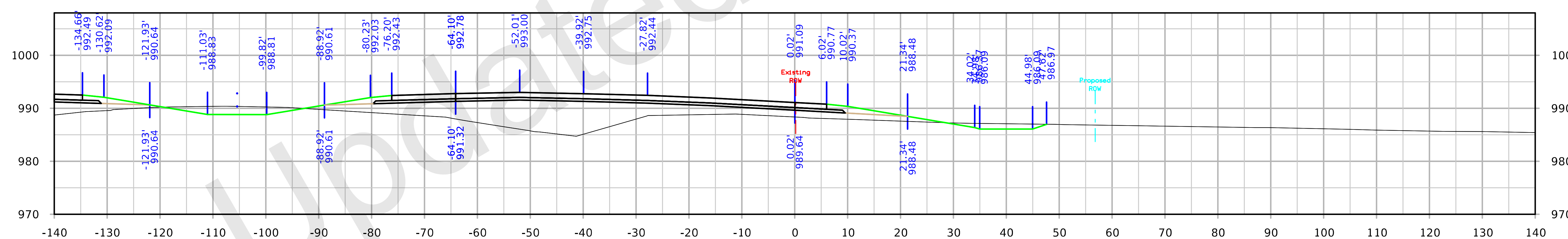
IA 210 Ramp D



STA. 4590+50.00
Existing ROW
Proposed ROW

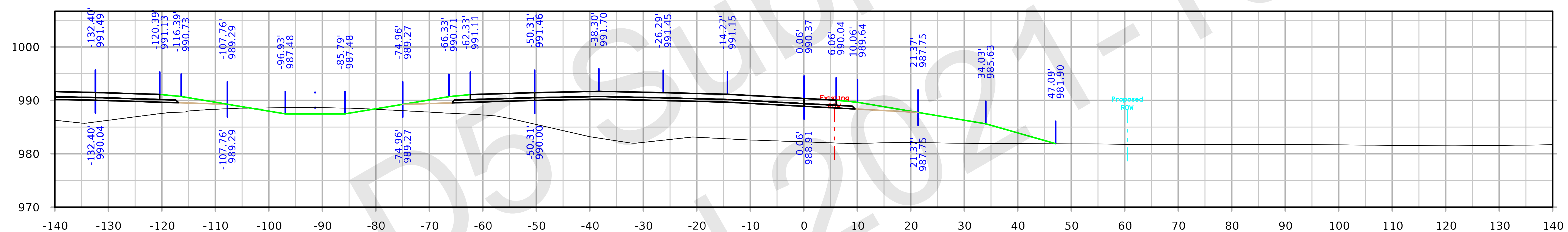


STA. 4590+00.00
Existing ROW
Proposed ROW

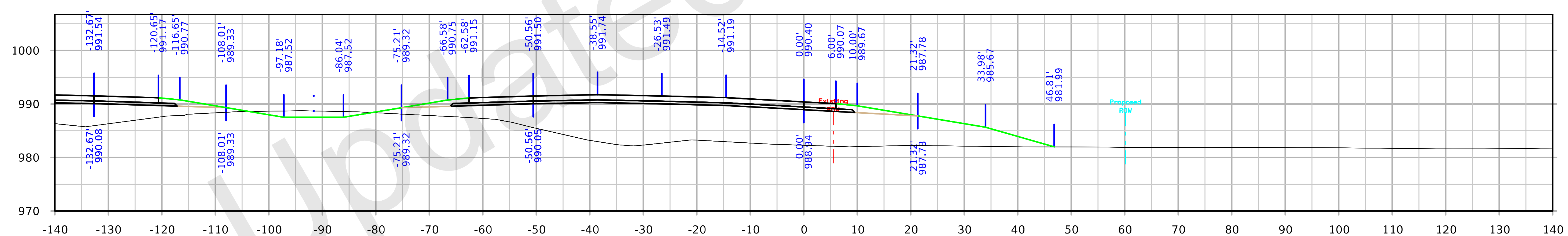


STA. 4589+50.00
Existing ROW
Proposed ROW

IA 210 Ramp D



STA. 4591+05.01



STA. 4591+00.00

FILE NO. 32044	ENGLISH	DESIGN TEAM Iowa DOT	POLK/STORY COUNTY	PROJECT NUMBER IM-035-4(309)95--13-77	SHEET NUMBER Y.1211