LETTING DATE 02-16-2027

PCC PAVING - NEW

HSIPX-069-4(153)--3L-77

POLK 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 - B.5	Typical Cross Sections and Details
D Sheets	**Mainline Plan and Profile**
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - D.5	US 69 Plan and Profile Sheets
E Sheets	**Side Road Plan and Profile Sheets**
* E.1 - E.5	NW 126th Avenue Plan and Profile Sheets
G Sheets	**Survey Sheets**
* G.1 - G.6	Reference Ties and Benchmarks
H Sheets	**Right-of-Way Sheets** <<H.1 revised; added HE.1
* H.1	US 69 and NW 126th Avenue
J Sheets	**Traffic Control and Staging Sheets**
J.1	Staging Notes Stage
* J.2	Traffic Control & Staging Legend & Symbol Info. Sheet
* J.3	Detour Sheets
M Sheets	**Storm Sewer Sheets**
* M.1	Storm Sewer Tabulation
* M.2	Storm Sewer Plan & Profile Legend & Symbol Info. Sheet
* M.3 - M.7	Storm Sewer Plan and Profile Sheets
W Sheets	**Mainline Cross Sections**
* W.1	Cross Sections Legend & Symbol Info. Sheet
* W.2 - W.26	US 69 Cross Sections
X Sheets	**Side Road Cross Sections**
* X.1-X.14	NW 126th Avenue Cross Sections
	* Color Plan Sheets

IOWA DOT

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

POLK COUNTY

PCC PAVING - NEW

U.S. 69 AND NE 126TH AVENUE / NE 72ND STREET INTERSECTION

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

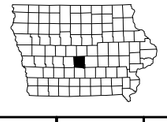
Value Engineering Saves. Refer to Article 1105.14 of the Specifications.

For Project Location Map refer to Sheet A.2.

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

REVISIONS

	TOTAL
	..
PROJECT IDENTIFICATION NUMBER	
22-77-069-020	
PROJECT NUMBER	
HSIPX-069-4(153)--3L-77	
R.O.W. PROJECT NUMBER	



US HWY 69 DESIGN DATA URBAN			
2023	AADT	7157	V.P.D.
2027	AADT	8041	V.P.D.
2047	DHV	–	V.P.H.
TRUCKS		2	%
Total Design ESALs		–	

INDEX OF SEALS			
SHEET NO.	NAME	TYPE	BID QUANTITY SHEETS
A.1	X	Primary Signature Block	X
X	X	X	X

PLANS TO RIGHT OF WAY

D5 PLAN - Date: 03/14/2025

FILE NO.	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER A.1	

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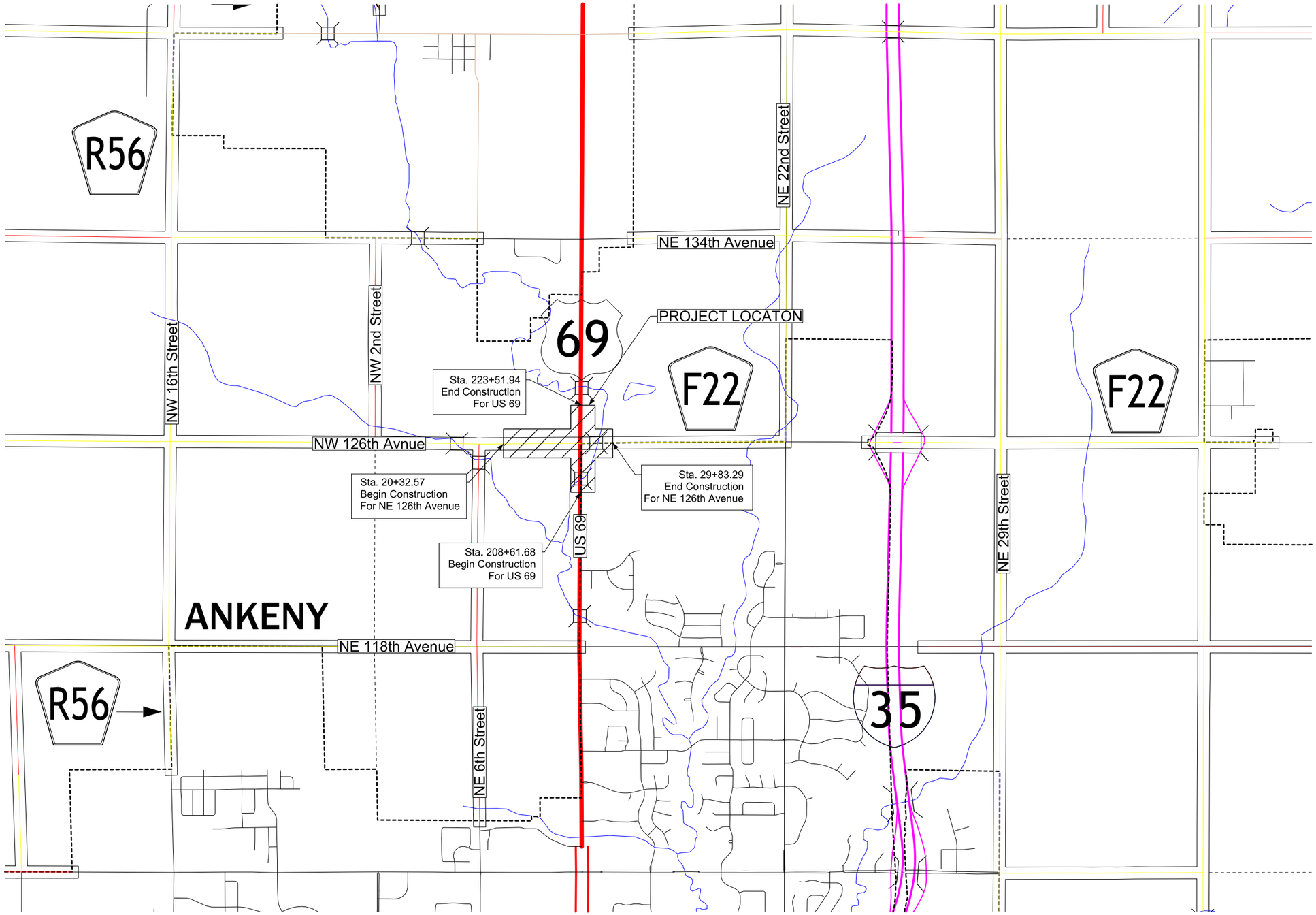
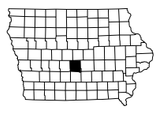


LOCATION MAP SCALE
NOT TO SCALE



FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER A.2

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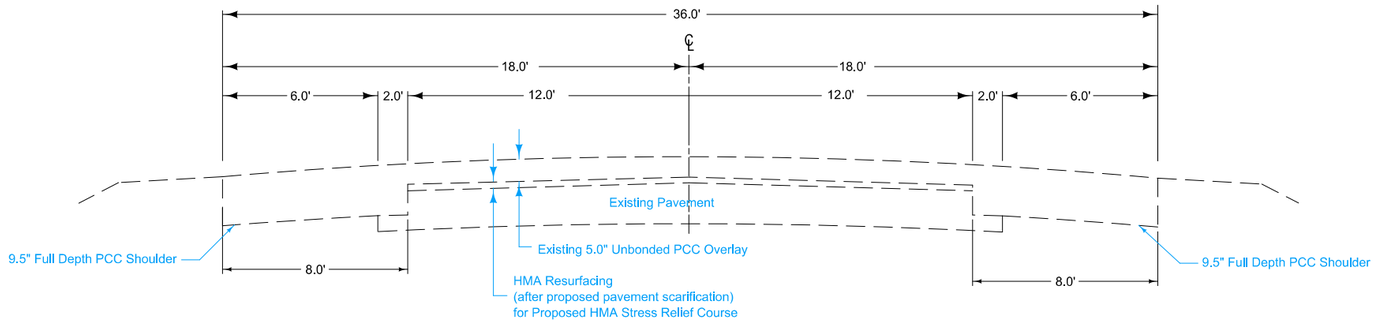
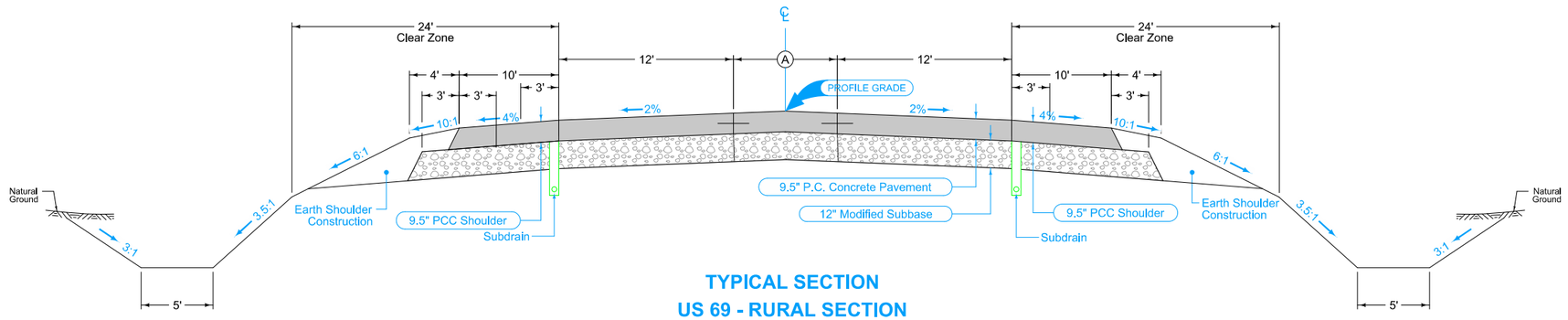
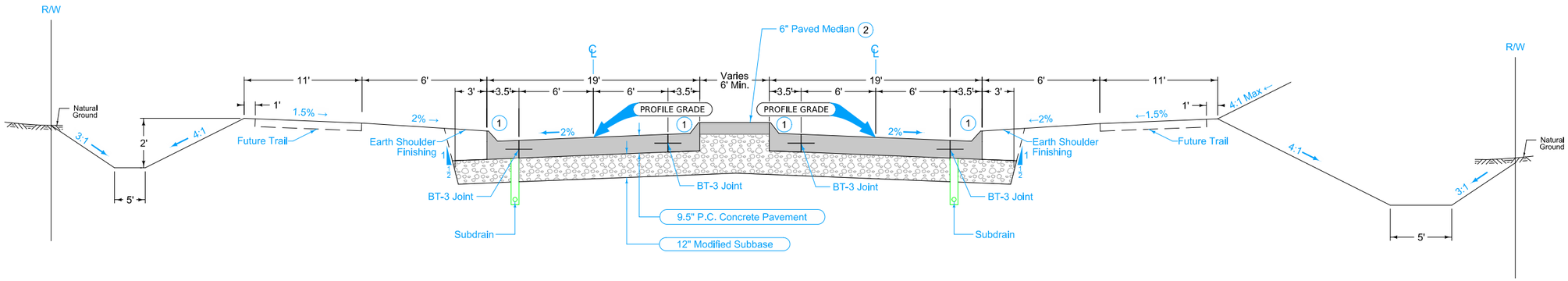


TYPICAL SECTION
US 69 - EXISTING TYPICAL
FOR INFORMATION ONLY



TYPICAL SECTION
US 69 - RURAL SECTION
STA. 208+61.68 TO STA. 212+74.36
STA. 219+94.44 TO STA. 223+51.94

STATION TO STATION		Ⓐ Feet
208+61.68	209+61.90	0
209+16.90	212+74.36	0-13
219+94.44	223+51.94	13-0



TYPICAL SECTION
US 69 - URBAN SECTION
STA. 212+74.36 TO STA. 219+94.44

(1) 6" standard curb

(2) Refer to Standard Roap Plan PV-20 for Paved Median Details

FILE NO.	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER B.2	

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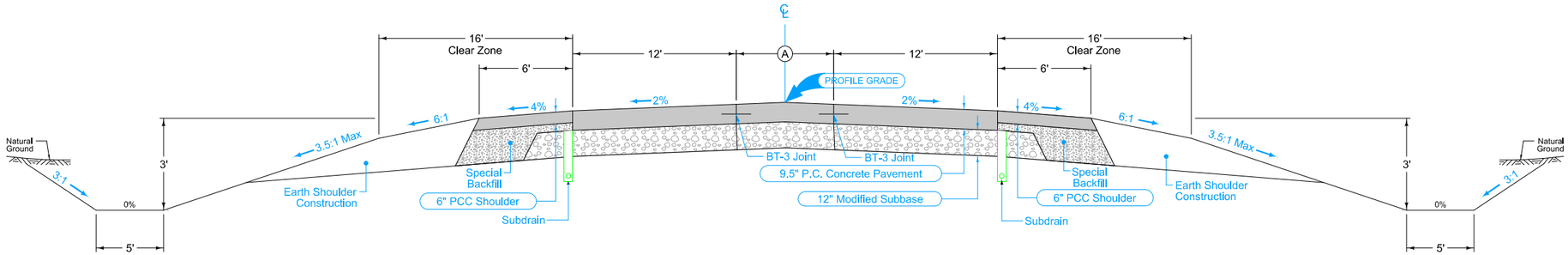
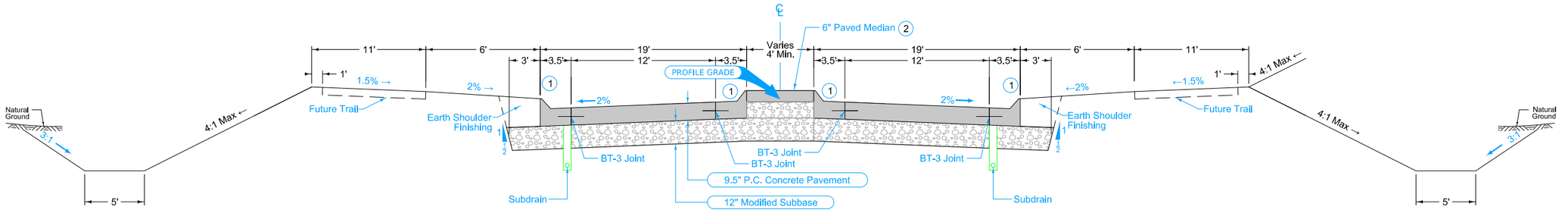


TYPICAL SECTION
NE 126TH AVENUE - RURAL SECTION
STA. 20+32.57 TO STA. 23+25.07

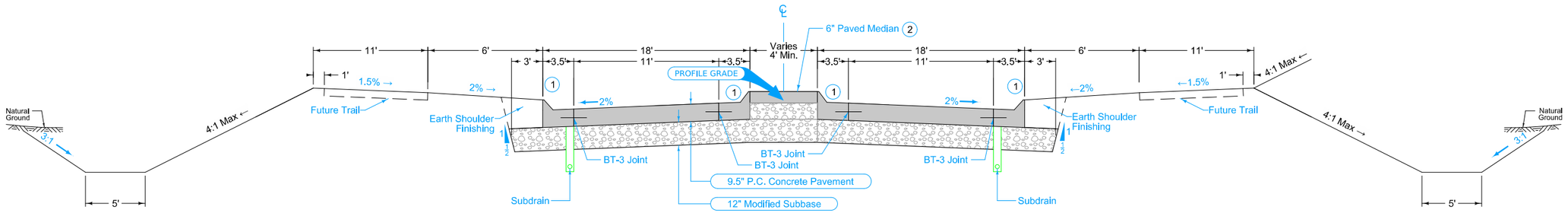
STATION TO STATION		(A) Feet
20+32.57	23+25.33	0-13



TYPICAL SECTION
NE 126TH AVENUE/NE 72ND STREET - URBAN SECTION
STA. 23+75.02 TO STA. 25+73.74
STA. 27+16.69 TO STA. 27+64.39

(1) 6" standard curb

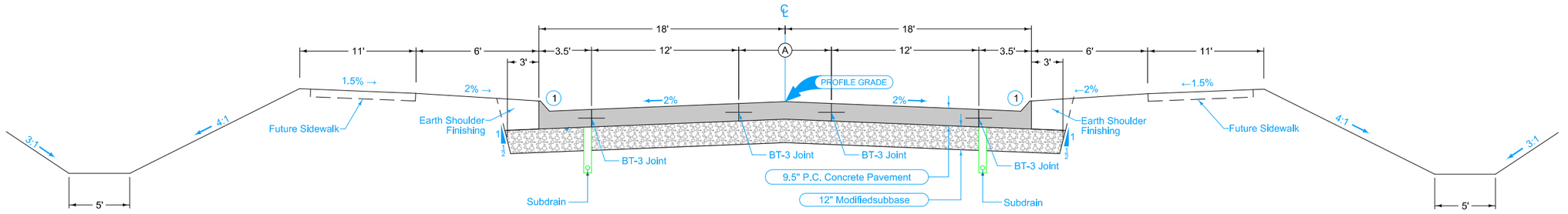
(2) Refer to Standard Roap Plan PV-20 for Paved Median Details



TYPICAL SECTION
NE 72ND STREET - URBAN SECTION
STA. 27+16.69 TO STA. 27+64.39

(1) 6" standard curb

(2) Refer to Standard Roap Plan PV-20 for Paved Median Details



TYPICAL SECTION
NE 72ND STREET - URBAN SECTION
STA. 27+64.39 TO STA. 29+83.29

(1) 6" standard curb

(2) Maximum transverse joint spacing shall be 17' with CD joints.

STATION TO STATION		(A) Feet
27+64.39	29+83.29	12.4-0

FILE NO.	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER B.4	

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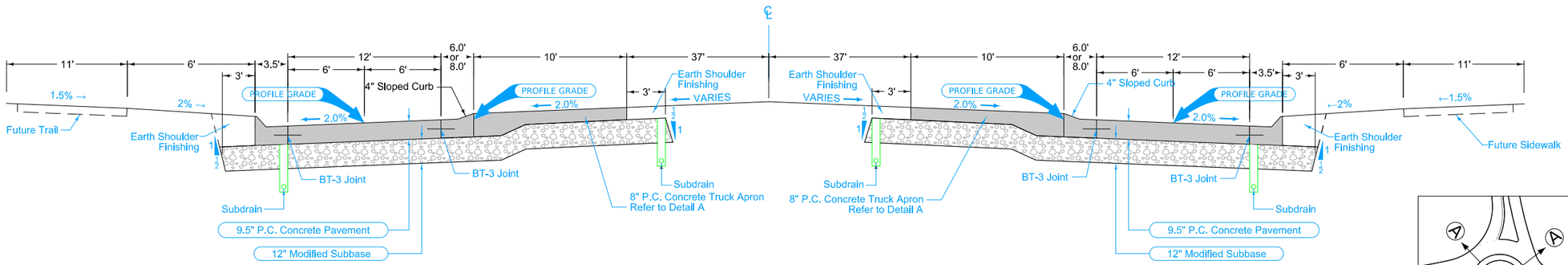
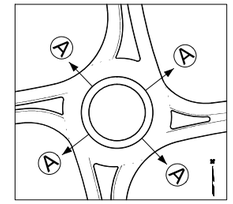
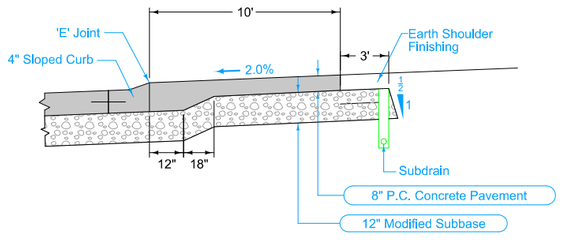




TYPICAL SECTION
US 69 AND NE 126TH AVENUE/NE 72ND STREET
SINGLE LANE ROUNDABOUT
SECTION A-A

(1) Refer to the L Sheets for cross slope information



'DETAIL A'
ROUNDABOUT TRUCK APRON

FILE NO.	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER B.5

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SURVEY SYMBOLS

- Interstate Highway Symbol
- U.S. Highway Symbol
- Iowa Highway Symbol
- County Road Highway Symbol
- Evergreen Tree
- Deciduous Tree
- Fruit Tree
- Shrub (Bushes)
- Timber
- Hedge
- Stump
- Swamp
- Rock Outcrop
- Broken Concrete
- Revetment (Rip Rap)
- Cemetery
- Grave
- Cave
- Sink Hole
- Board Fence
- Chain Link or Security Fence
- Wire Fence
- Terrace
- Earth Dam or Dike (Existing)
- Tile Outlet
- Edge of Water
- Existing Drainage
- Right of Way Rail or Lot Corner
- Concrete Monument
- Well
- Windmill
- Beehive Intake
- Existing Intake
- Existing Utility Access (Manhole)
- Fire Hydrant
- WH Water Hydrant (Rural)
- ST Septic Tank
- C Cistern
- LP L.P. Gas Tank (No Footing)
- UST Underground Storage Tank
- Latrine
- Satellite TV Dish
- WHU Water Hook Up
- RT Radio Tower
- TA Tower Anchor
- Guardrail (Beam or Cable)
- GP Guard Post (one or two)
- Guard Post (over two)
- FP Filler Pipe
- GV Gas Valve
- WV Water Valve
- SL Speed Limit Sign
- MM Mile Marker Post
- SIGN Sign
- TCB Traffic Signal Control Box
- RRB Rail Road Signal Control Box
- TSB Telephone Switch Box
- EB Electric Box

UTILITY LEGEND

E1
(M57E) MIDAMER-ELEC
Contact Name: Jamie Neer
Contact Phone: 5152526972
Contact Email: MECDSMDESIGNLOCATES@MIDAMERICAN.com

F04
(INS) AUREON NETWORKS SERVICES
Contact Name: Jeff Klocko
Contact Phone: 5158300445
Contact Email: jeff.klocko@aureon.com

F06
(HYT) HUXLEY COMMUNICATIONS COOPERATIVE
Contact Name: Brant Strumpfer
Contact Phone: 5155972899
Contact Email: brant@huxleycommunications.net

T1
(CTLIA01) LUMEN
Contact Name: Mindi Burgett
Contact Phone: 5152637230
Contact Email: Mindi.Burgett@lumen.com

W
(SPR) SOUTHEAST POLK RURAL WATER DIS
Contact Name: Ed Clark
Contact Phone: 5153236244
Contact Email: onecallmaps@dmww.com

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.		
Green	(2)	Existing Topographic Features and Labels	
Blue	(1)	Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation	
Magenta	(5)	Existing Utilities	
SHADING	**Design Color No.**		**Transparency**
Pink, Dark	(13)	Temporary Pavement Shading	50%
Yellow	(4)	Proposed Pavement Shading	50%
Orange	(6)	Proposed Granular Shading	50%
Orange	(70)	Proposed Shoulder Granular Shading	50%
Yellow	(68)	Proposed Shoulder Paved Full Depth Shading	50%
Yellow	(132)	Proposed Shoulder Paved Partial Depth Shading	50%
Brown, Light	(236)	Grading Shading	50%
Orange, Light	(134)	Proposed Granular Entrance Shading	50%
Yellow	(220)	Proposed Paved Entrance Shading	50%
Tan	(8)	Proposed Sidewalk Shading	50%
Blue, Light	(230)	Proposed Sidewalk Landing Shading	50%
Pink	(11)	Proposed Sidewalk Ramp Shading	50%
Red	(3)	Proposed Structure Shading	50%
Red	(3)	Delineates Restricted Areas	0%

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

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

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

RIGHT-OF-WAY LEGEND

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

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

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

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER D.1

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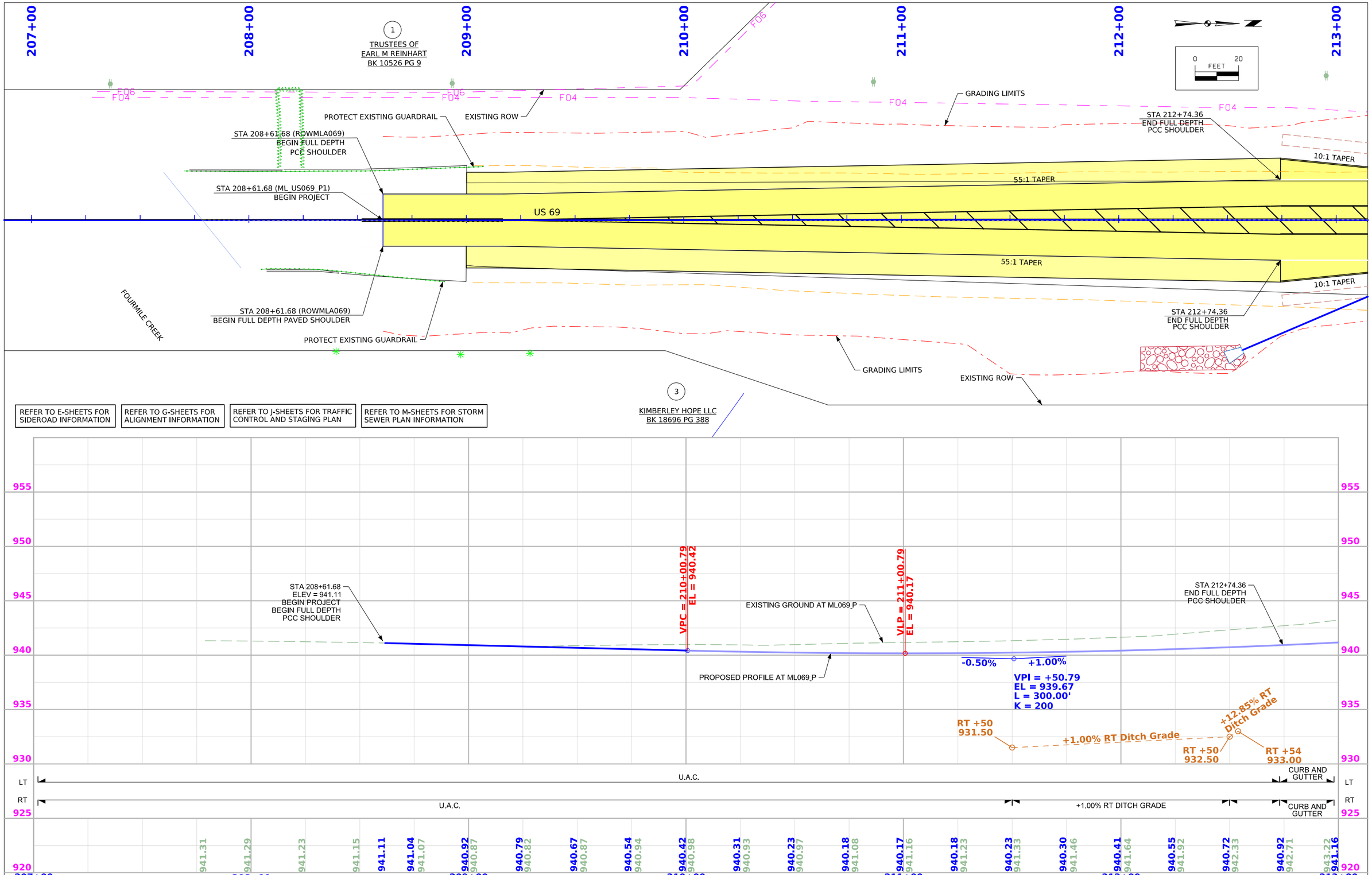

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213+00 214+00 215+00 216+00 217+00 218+00 219+00

300+00 301+00 302+00 303+00 304+00

100+00 101+00 102+00 103+00 104+00

GRADING LIMITS

EXISTING ROW

6' PAVED MEDIAN

FUTURE 10' TRAIL

SB PGL

NB PGL

US 69

10:1 TAPER

23'-0"

10'-0"

12'-0"

13'-0"

19'-0"

7'-0"

REFER TO SHEET D.5 FOR SB AND NB PROFILE INFORMATION

REFER TO E-SHEETS FOR SIDEROAD INFORMATION

REFER TO G-SHEETS FOR ALIGNMENT INFORMATION

REFER TO J-SHEETS FOR TRAFFIC CONTROL AND STAGING PLAN

REFER TO M-SHEETS FOR STORM SEWER PLAN INFORMATION

2 TRUSTEES OF ROSE M REINHART BK 25 PG 7895

3 KIMBERLEY HOPE LLC BK 18696 PG 388

5 JEREMY NEFZGER TERESA NEFZGER BK 19669 PG 704

6 DENNIS M GIBSON BK 16687 PG 581

0 20 FEET

EXISTING GROUND AT ML069_P

PROPOSED PROFILE AT ML069_P

VPC = 218+68.02
EL = 947.05

REFER TO SHEETS D.5-D.6 FOR ROUNDABOUT ENRTY AND EXIT PROFILES ALIGNMENT

CURB AND GUTTER WITH 2' DEEP LT DITCH

CURB AND GUTTER

955 950 945 940 935 930 925 920

941.16 941.41 941.66 941.91 942.16 942.41 942.66 946.72 947.07 947.39 947.74 948.22 948.72 949.16 949.39 949.53 949.65 949.87 950.12 950.46 950.76 946.62 946.87 947.12 947.40

943.22 943.78 944.34 944.87 945.35 945.82 946.31 951.00 951.15 951.30 951.44

213+00 214+00 215+00 216+00 217+00 218+00 219+00

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER D.3

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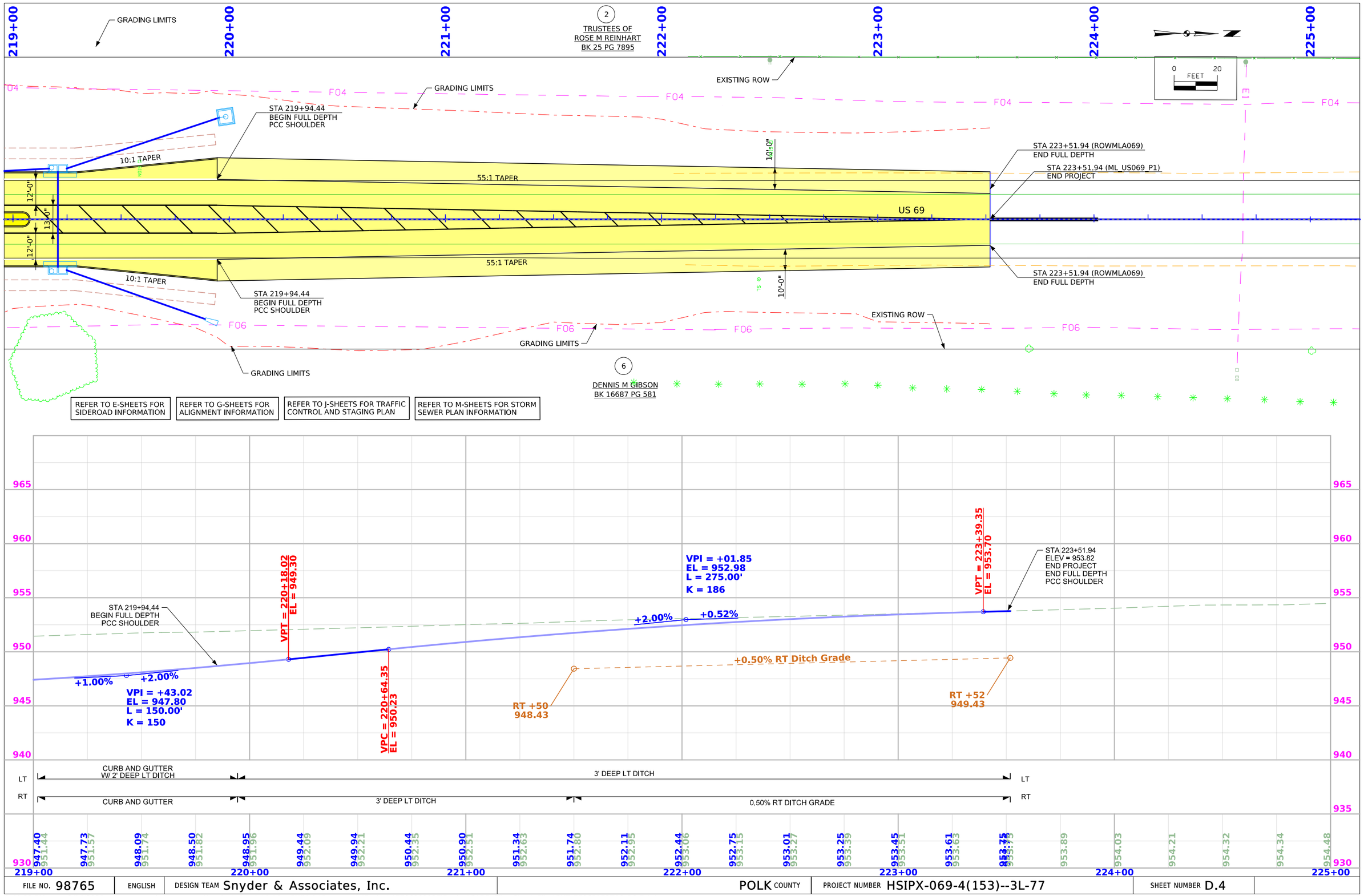

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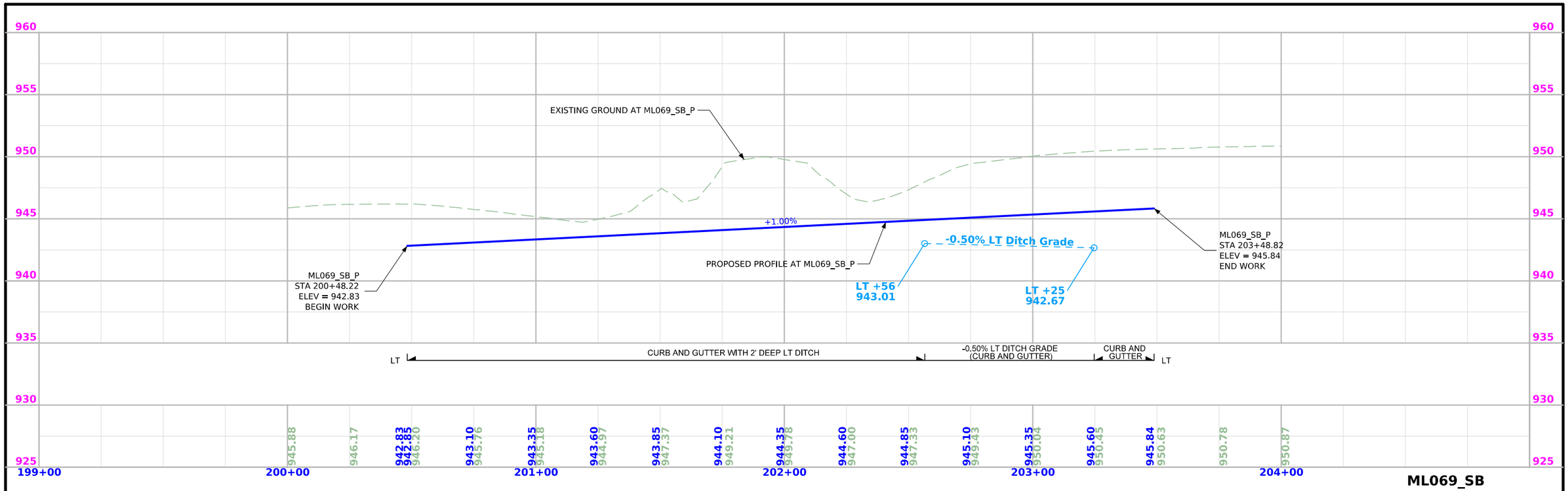

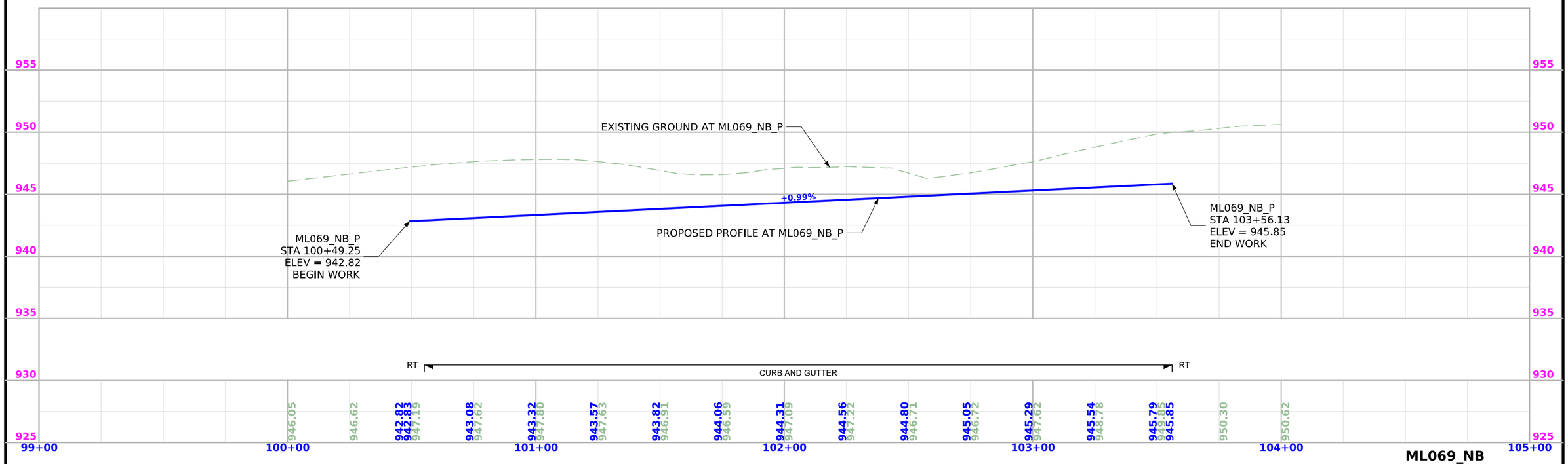

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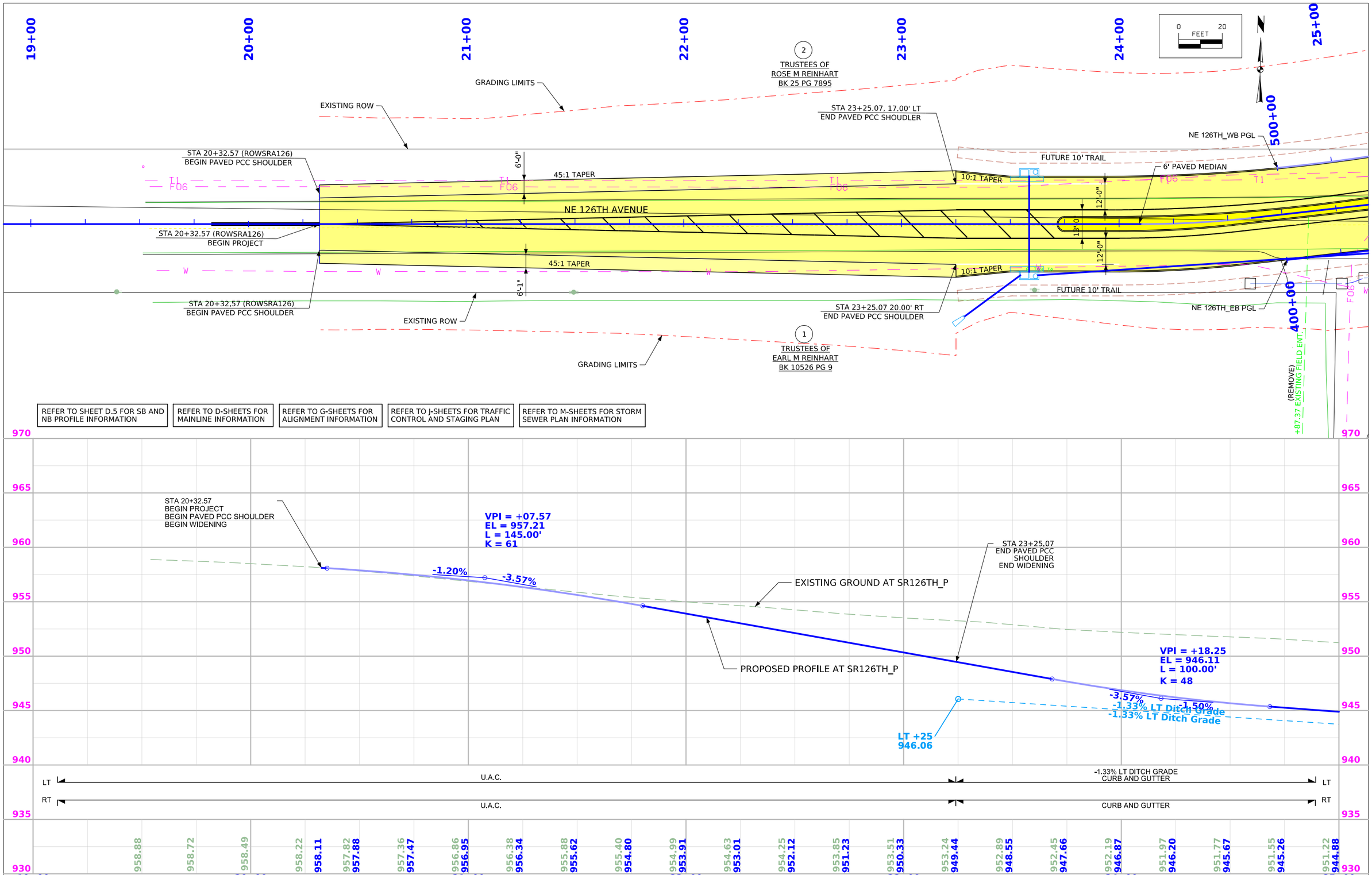

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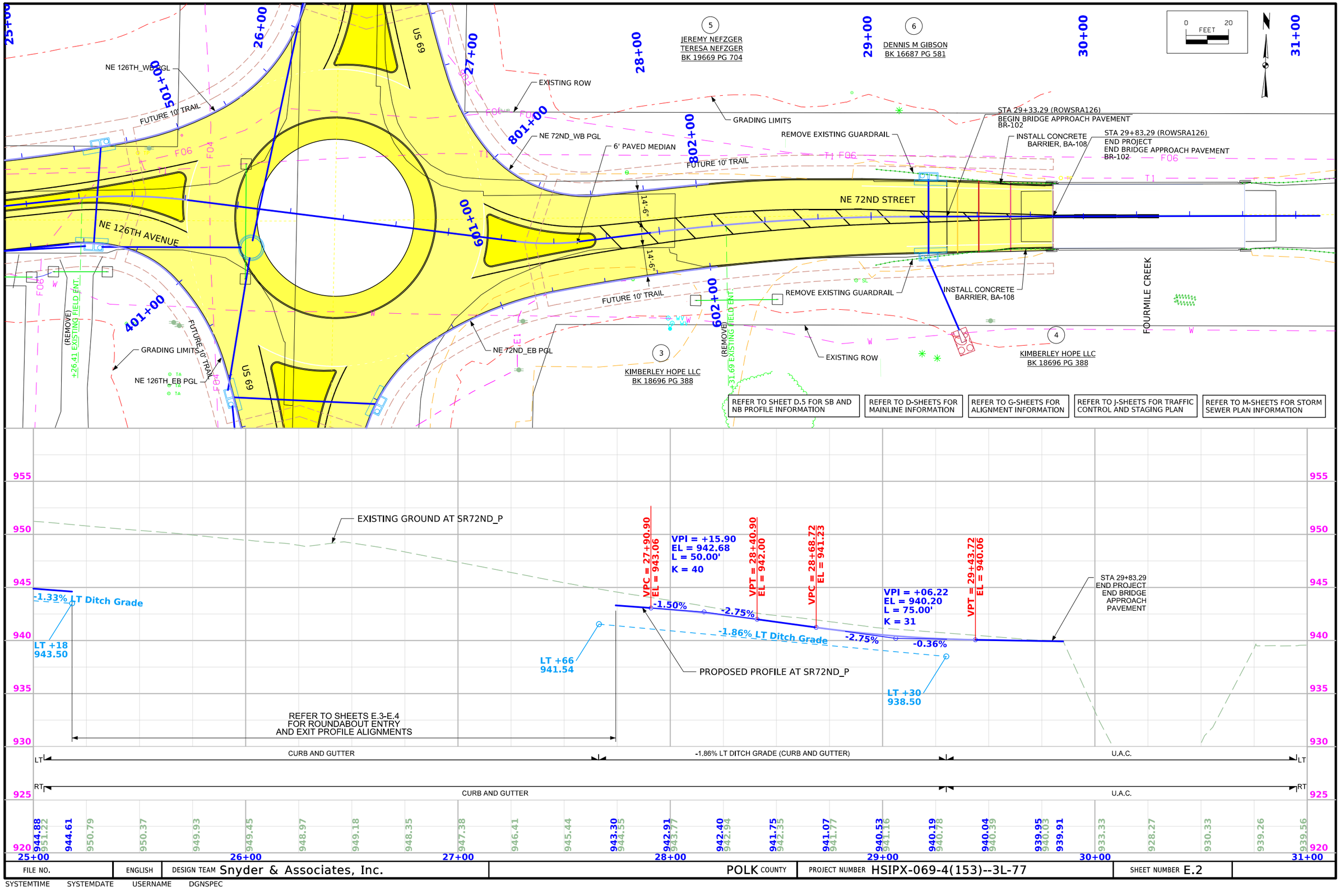

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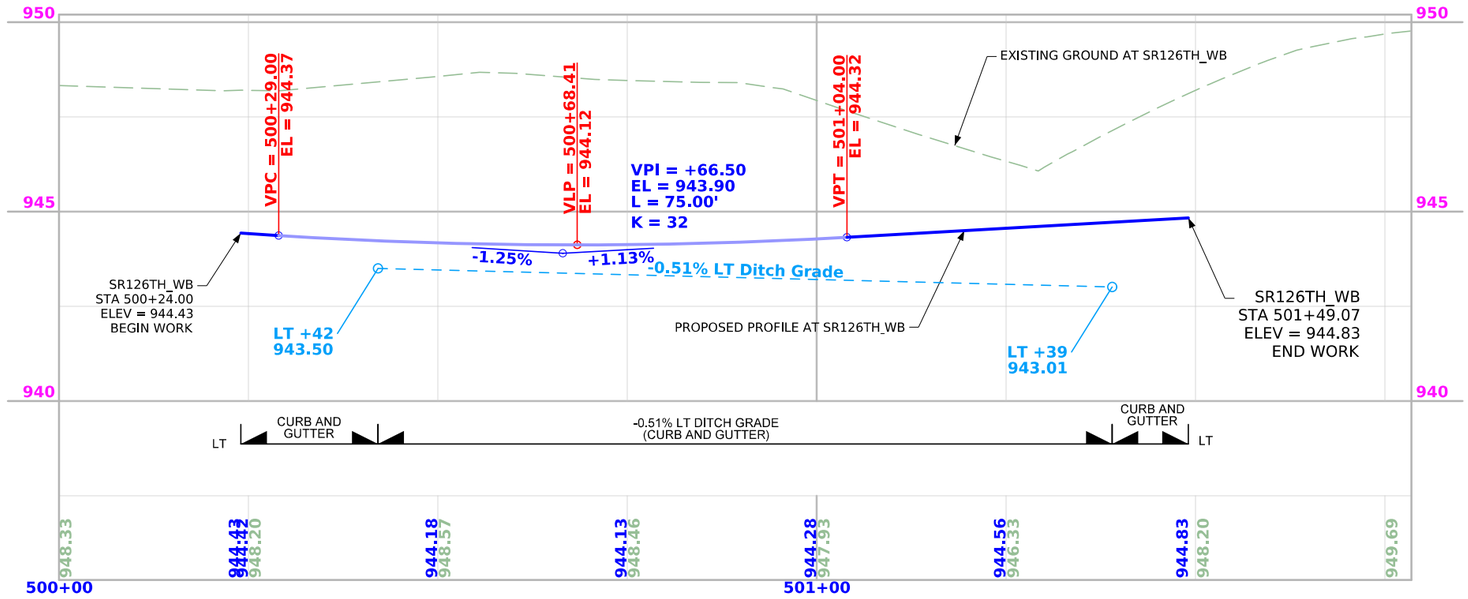

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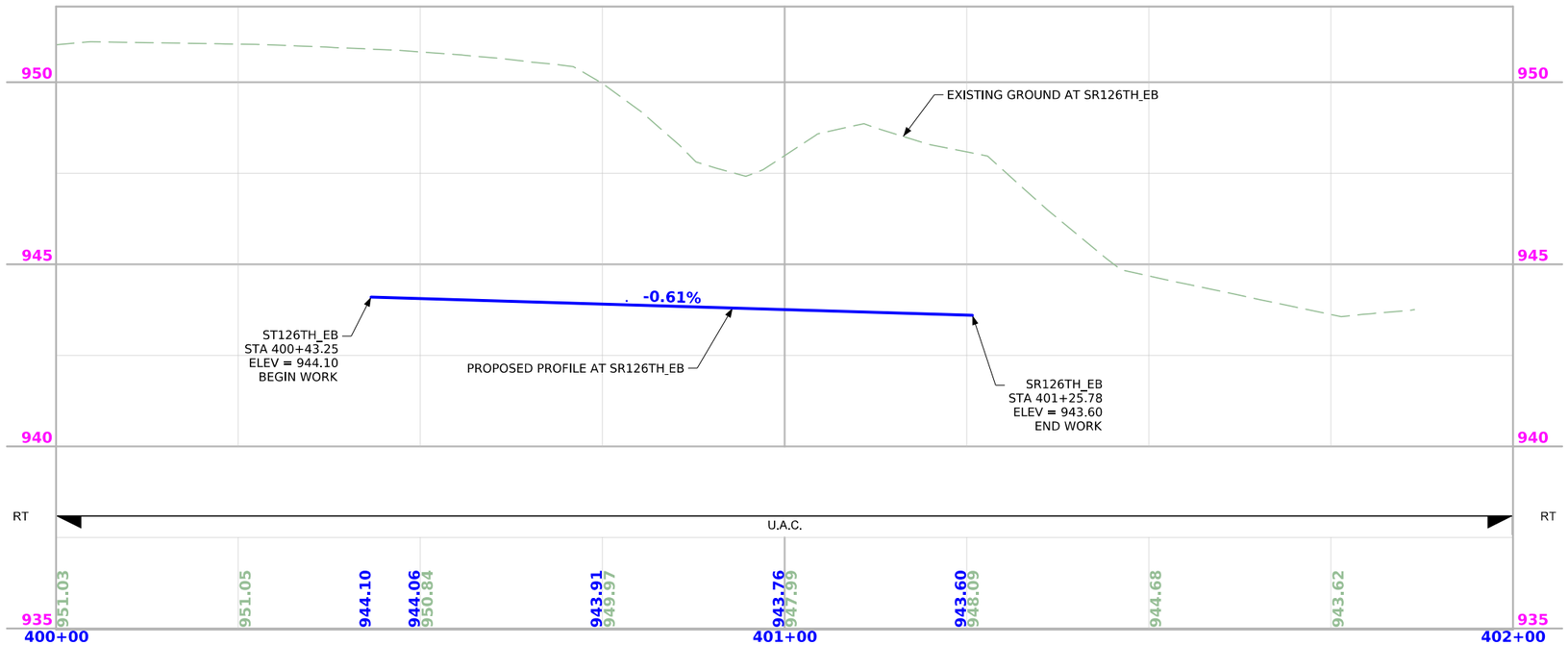

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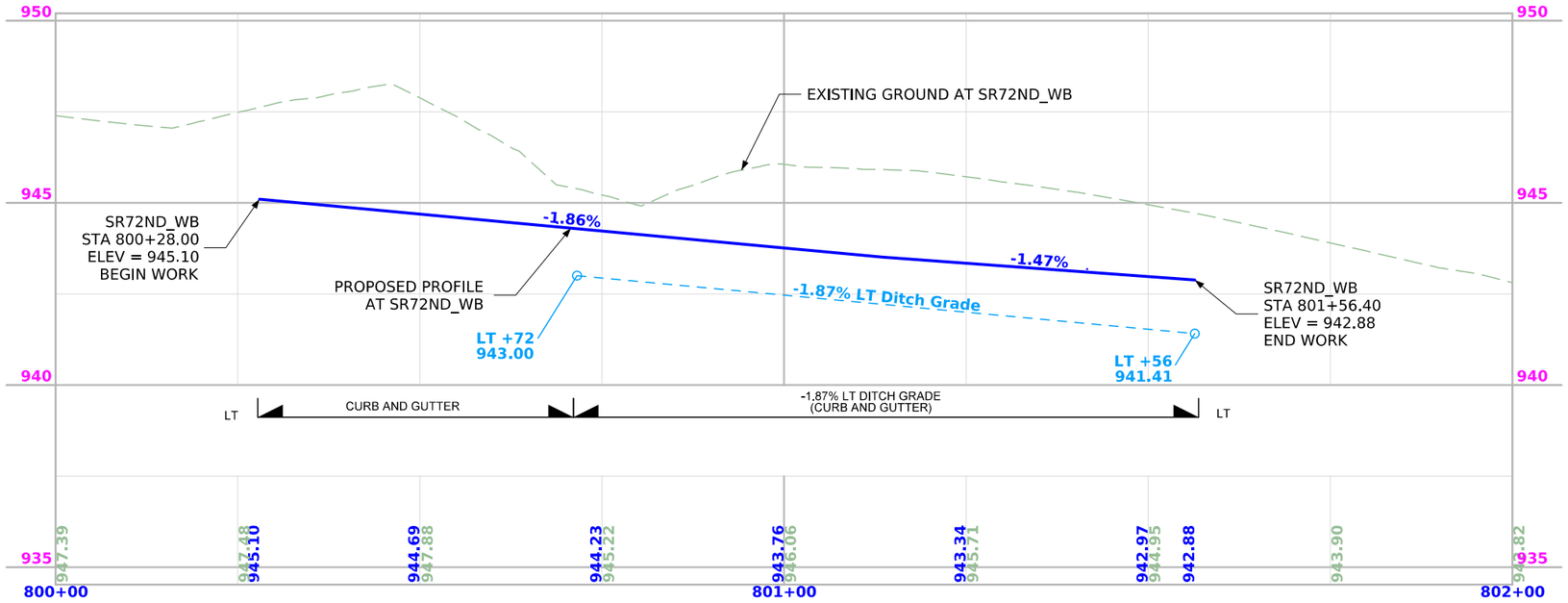

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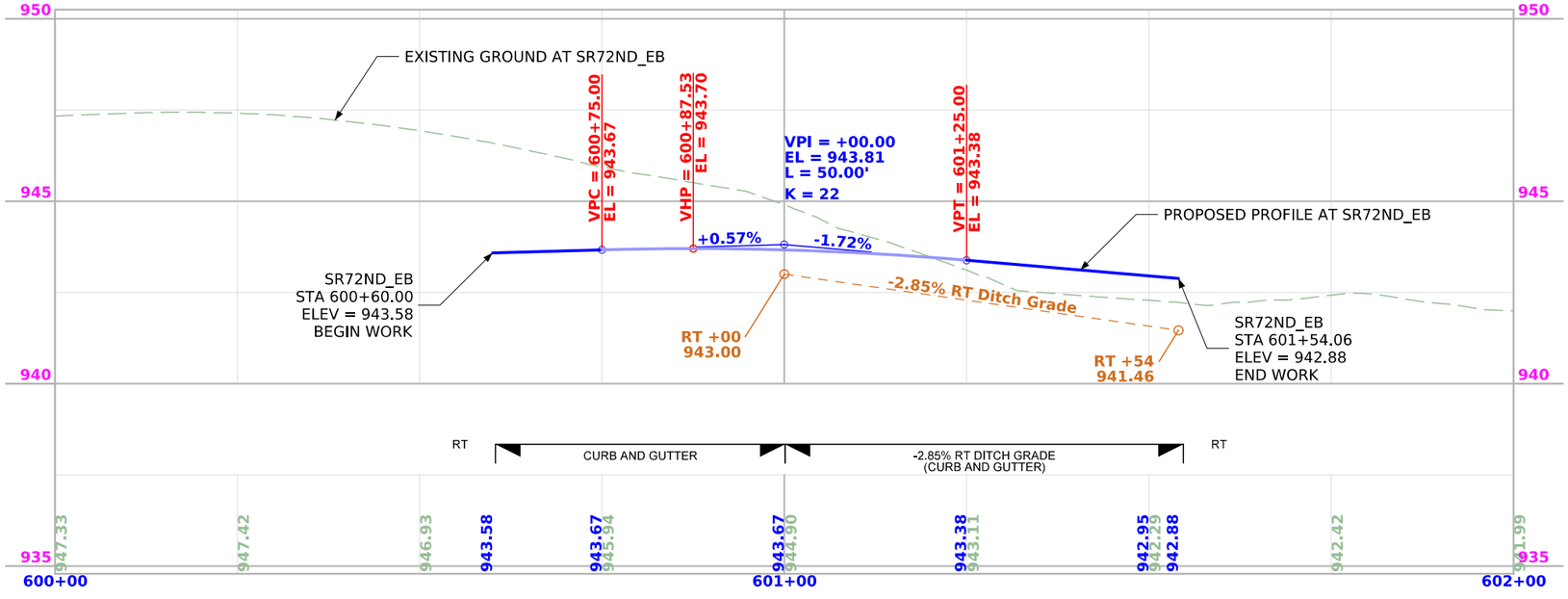

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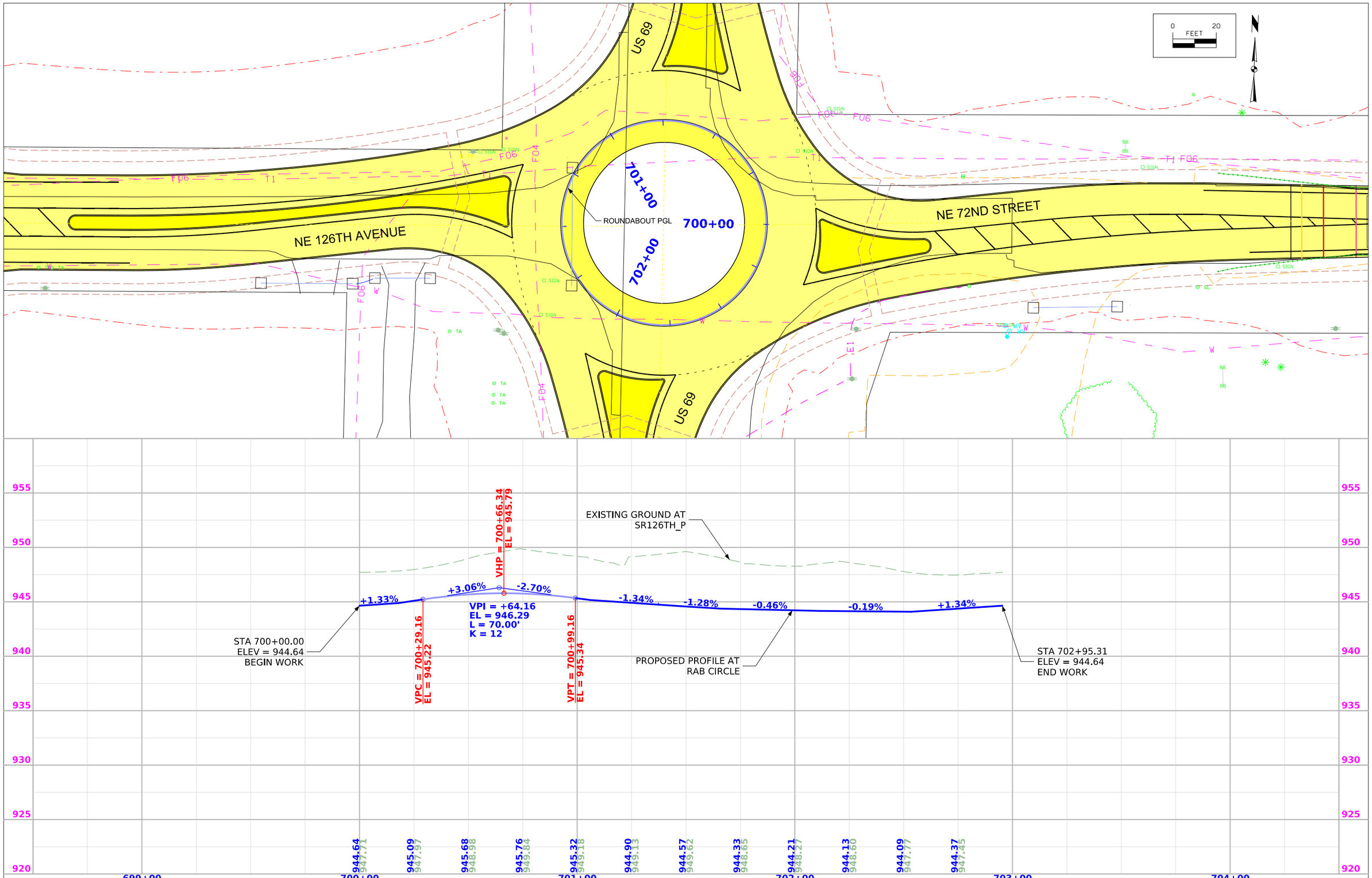
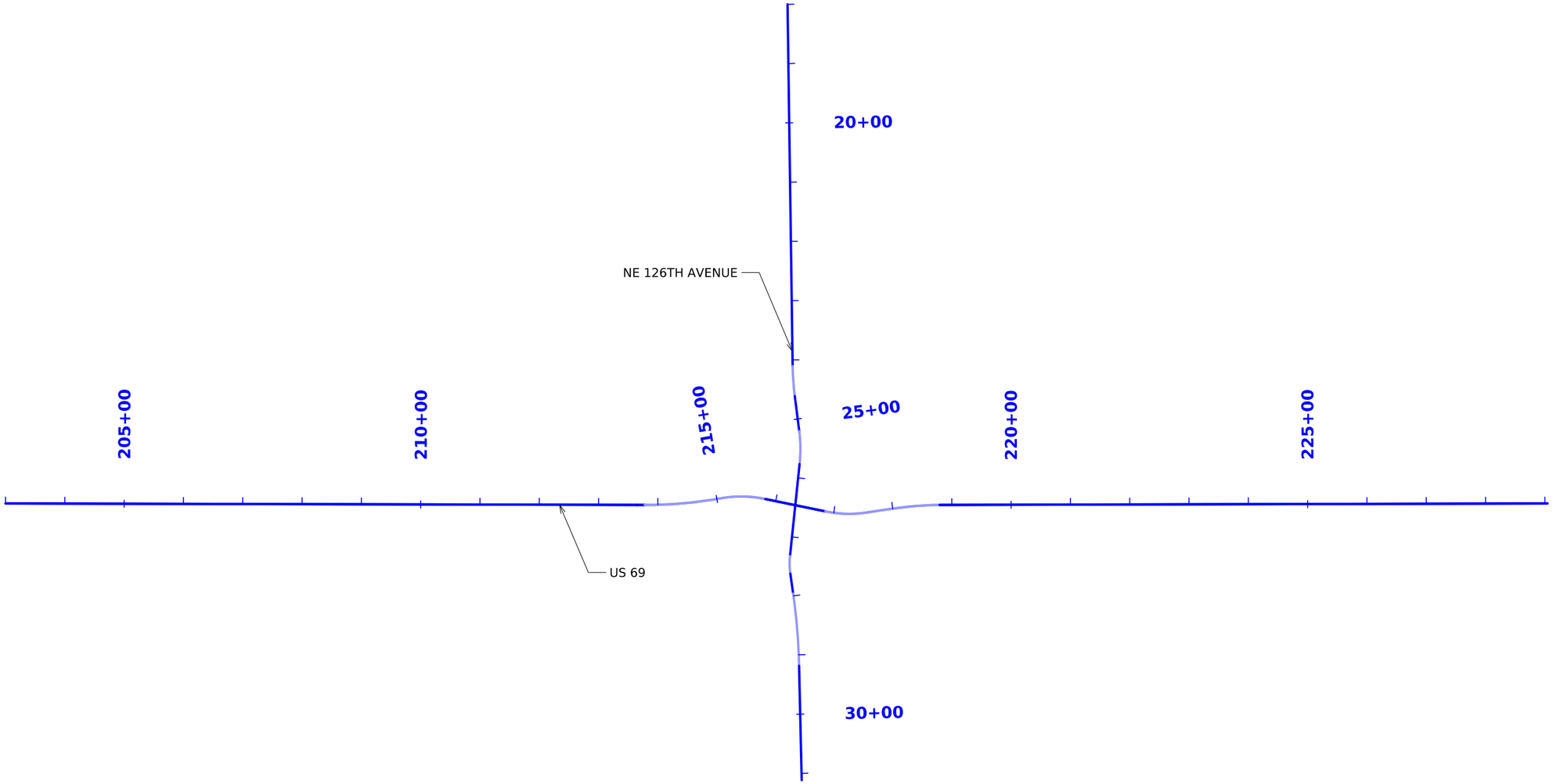


FILE NO.	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER E.5

1:40:51 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_7706915Z08_E5.dgn



0 100 FEET

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER G.1	

1:40:57 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_G1-G5.dgn

NE 126TH AVENUE

Alignment Name: SR_126_P
Alignment Description:
Alignment Style: Alignment\Geom_Baseline
Station Northing Easting

Element: Linear
START (START) 1800.000 R17561592.664 18530870.291
PC (PC) 2410.493 R17561598.005 18531480.761
Tangential Direction: N89.499°E
Tangential Length: 610.493

Element: Circular
PC (PC) 2410.493 R17561598.005 18531480.761
HPI (HPI) 2435.801 R17561598.226 18531506.068
CC (CC) 7562047.988 18531476.824
PT (PT) 2461.056 R17561601.284 18531531.191
Radius: 450.000
Delta: 6.438 Left
Degree of Curvature (Arc): 12.732
Length: 50.563
Tangent: 25.308
Chord: 50.536
Middle Ordinate: 0.710
External: 0.711
Back Tangent Direction: N89.499°E
Back Radial Direction: S0.501°E
Chord Direction: N86.280°E
Ahead Radial Direction: S6.939°E
Ahead Tangent Direction: N83.061°E

Element: Linear
PT (PT) 2461.056 R17561601.284 18531531.191
PC (PC) 2520.910 R17561608.515 18531590.607
Tangential Direction: N83.061°E
Tangential Length: 59.854

Element: Circular
PC (PC) 2520.910 R17561608.515 18531590.607
HPI (HPI) 2548.772 R17561611.881 18531618.264
CC (CC) 7561370.273 18531619.602
PT (PT) 2576.385 R17561608.822 18531645.957
Radius: 240.000
Delta: 13.244 Right
Degree of Curvature (Arc): 23.873
Length: 55.474
Tangent: 27.861
Chord: 55.351
Middle Ordinate: 1.601
External: 1.612
Back Tangent Direction: N83.061°E
Back Radial Direction: S6.939°E
Chord Direction: N89.683°E
Ahead Radial Direction: S6.304°W
Ahead Tangent Direction: S83.696°E

Element: Linear
PT (PT) 2576.385 R17561608.822 18531645.957
PC (PC) 2732.436 R17561591.685 18531801.064
Tangential Direction: S83.696°E
Tangential Length: 156.051

Element: Circular
PC (PC) 2732.436 R17561591.685 18531801.064
HPI (HPI) 2747.317 R17561590.051 18531815.855
CC (CC) 7561710.960 18531814.241
PT (PT) 2762.047 R17561592.080 18531830.598
Radius: 120.000
Delta: 14.138 Left
Degree of Curvature (Arc): 47.746
Length: 29.612
Tangent: 14.881
Chord: 29.536
Middle Ordinate: 0.912
External: 0.919
Back Tangent Direction: S83.696°E
Back Radial Direction: S6.304°W
Chord Direction: N89.235°E
Ahead Radial Direction: S7.834°E
Ahead Tangent Direction: N82.166°E

Element: Linear
PT (PT) 2762.047 R17561592.080 18531830.598
PC (PC) 2796.224 R17561596.738 18531864.456
Tangential Direction: N82.166°E
Tangential Length: 34.177

NE 126TH AVENUE CONT.

Element: Circular
PC (PC) 2796.224 R17561596.738 18531864.456
HPI (HPI) 2857.452 R17561605.084 18531925.113
CC (CC) 7560586.258 18532003.485
PT (PT) 2918.534 R17561606.113 18531986.332
Radius: 1020.000
Delta: 6.870 Right
Degree of Curvature (Arc): 5.617
Length: 122.310
Tangent: 61.228
Chord: 122.236
Middle Ordinate: 1.833
External: 1.836
Back Tangent Direction: N82.166°E
Back Radial Direction: S7.834°E
Chord Direction: N85.601°E
Ahead Radial Direction: S0.964°E
Ahead Tangent Direction: N89.036°E

Element: Linear
PT (PT) 2918.534 R17561606.113 18531986.332
END (END) 3111.287 R17561609.355 18532179.059
Tangential Direction: N89.036°E
Tangential Length: 192.754

U.S. 69

Alignment Name: ML_US069_P1
Alignment Description:
Alignment Style: Alignment\Geom_Baseline
Station Northing Easting

Element: Linear
START (START) 20300.000 R1 7560269.499 18531705.265
PC (PC) 21377.738 R1 7561347.205 18531713.586
Tangential Direction: N0.442°E
Tangential Length: 1077.738

Element: Circular
PC (PC) 21377.738 R1 7561347.205 18531713.586
HPI (HPI) 21442.203 R1 7561411.668 18531714.084
CC (CC) 7561352.767 18530993.224
PRC (PRC) 21506.326 R1 7561475.195 18531703.128
Radius: 720.384
Delta: 10.227 Left
Degree of Curvature (Arc): 7.954
Length: 128.588
Tangent: 64.465
Chord: 128.417
Middle Ordinate: 2.867
External: 2.879
Back Tangent Direction: N0.442°E
Back Radial Direction: S89.558°E
Chord Direction: N4.671°W
Ahead Radial Direction: N80.215°E
Ahead Tangent Direction: N9.785°W

Element: Circular
PRC (PRC) 21506.326 R1 7561475.195 18531703.128
HPI (HPI) 21544.794 R1 7561513.104 18531696.590
CC (CC) 7561509.185 18531900.219
PT (PT) 21582.335 R1 7561550.733 18531704.582
Radius: 200.000
Delta: 21.775 Right
Degree of Curvature (Arc): 28.648
Length: 76.009
Tangent: 38.469
Chord: 75.552
Middle Ordinate: 3.600
External: 3.666
Back Tangent Direction: N9.785°W
Back Radial Direction: N80.215°E
Chord Direction: N1.103°E
Ahead Radial Direction: S78.010°E
Ahead Tangent Direction: N11.990°E

Element: Linear
PT (PT) 21582.335 R1 7561550.733 18531704.582
PC (PC) 21685.579 R1 7561651.726 18531726.030
Tangential Direction: N11.990°E
Tangential Length: 103.245

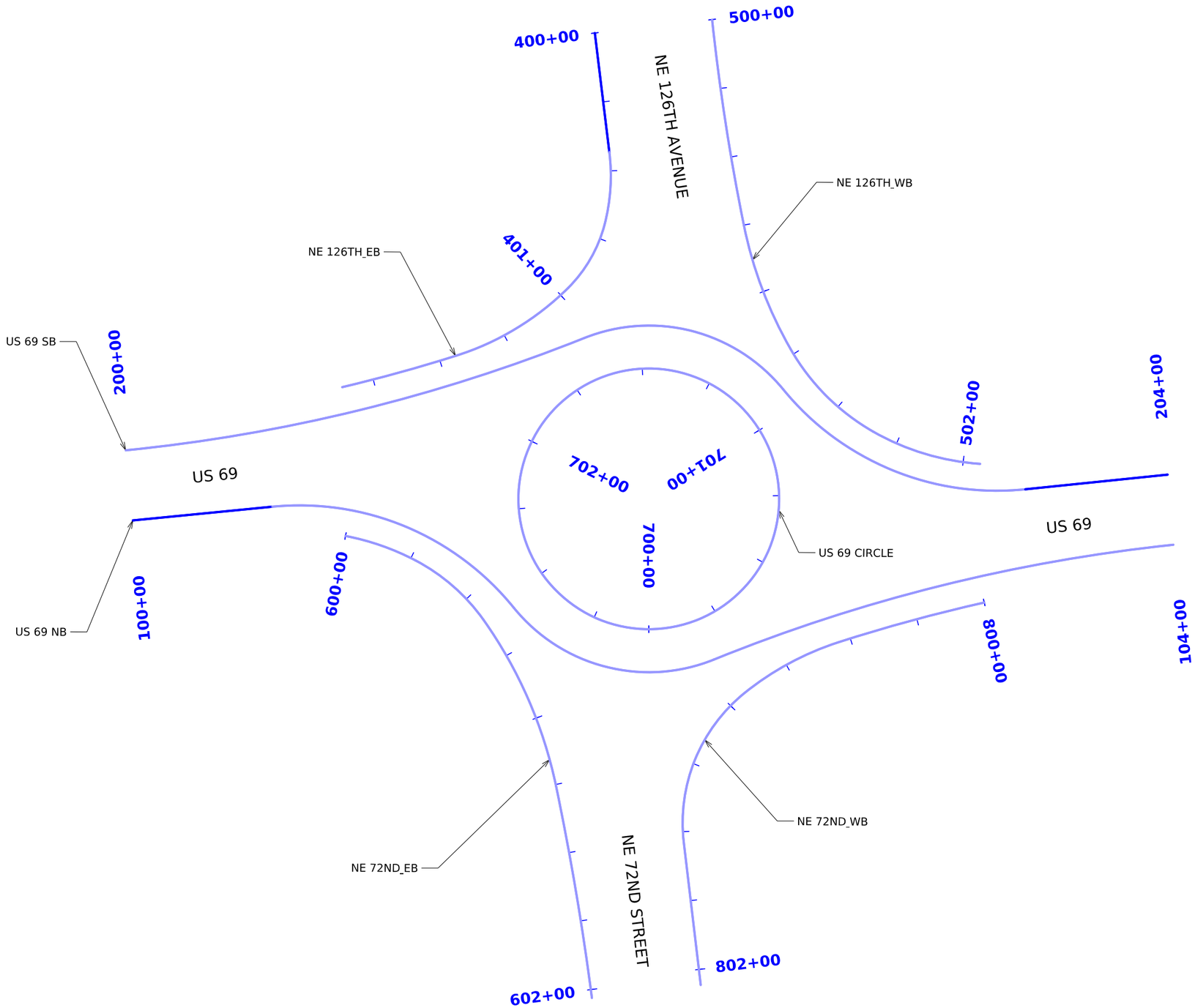
Element: Circular
PC (PC) 21685.579 R1 7561651.726 18531726.030
HPI (HPI) 21722.780 R1 7561688.115 18531733.758
CC (CC) 7561693.274 18531530.393
PRC (PRC) 21759.140 R1 7561724.849 18531727.885
Radius: 200.000
Delta: 21.074 Left
Degree of Curvature (Arc): 28.648
Length: 73.561
Tangent: 37.201
Chord: 73.147
Middle Ordinate: 3.372
External: 3.430
Back Tangent Direction: N11.990°E
Back Radial Direction: S78.010°E
Chord Direction: N1.453°E
Ahead Radial Direction: N80.916°E
Ahead Tangent Direction: N9.084°W

U.S. 69 CONT.

Element: Circular
PRC (PRC) 21759.140 R1 7561724.849 18531727.885
HPI (HPI) 21793.985 R1 7561759.257 18531722.384
CC (CC) 7561922.628 18532964.935
PCC (PCC) 21828.812 R1 7561793.918 18531718.804
Radius: 1252.760
Delta: 3.186Right
Degree of Curvature (Arc): 4.574
Length: 69.672
Tangent: 34.845
Chord: 69.663
Middle Ordinate: 0.484
External: 0.485
Back Tangent Direction: N9.084°W
Back Radial Direction: N80.916°E
Chord Direction: N7.490°W
Ahead Radial Direction: N84.103°E
Ahead Tangent Direction: N5.897°W

Element: Circular
PCC (PCC) 21828.812 R1 7561793.918 18531718.804
HPI (HPI) 21854.149 R1 7561819.121 18531716.201
CC (CC) 7561843.028 18532194.275
PT (PT) 21879.439 R1 7561844.458 18531716.277
Radius: 478.000
Delta: 6.068Right
Degree of Curvature (Arc): 11.987
Length: 50.627
Tangent: 25.337
Chord: 50.603
Middle Ordinate: 0.670
External: 0.671
Back Tangent Direction: N5.897°W
Back Radial Direction: N84.103°E
Chord Direction: N2.863°W
Ahead Radial Direction: S89.829°E
Ahead Tangent Direction: N0.171°E

Element: Linear
PT (PT) 21879.439 R1 7561844.458 18531716.277
END (END) 22904.439 R1 7562869.453 18531719.343
Tangential Direction: N0.171°E
Tangential Length: 1025.000



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FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER G.3	

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US 69 SB

Alignment Name: ML069_SB_P
Alignment Description:
Alignment Style: Alignment\Geom_Baseline
Station Northing Easting

Element: Circular
PC (PC) 20000.000 R1 7561412.991 18531698.046
HPI (HPI) 20085.969 R1 7561498.528 18531689.445
CC (CC) 7561352.007 18531091.605
PRC (PRC) 20170.811 R1 7561578.349 18531657.519
Radius: 609.500
Delta: 16.057 Left
Degree of Curvature (Arc): 9.400
Length: 170.811
Tangent: 85.969
Chord: 170.252
Middle Ordinate: 5.974
External: 6.033
Back Tangent Direction: N5.742°W
Back Radial Direction: N84.258°E
Chord Direction: N13.771°W
Ahead Radial Direction: N68.201°E
Ahead Tangent Direction: N21.799°W

Element: Circular
PRC (PRC) 20170.811 R1 7561578.349 18531657.519
HPI (HPI) 20216.703 R1 7561620.959 18531640.477
CC (CC) 7561601.559 18531715.550
PRC (PRC) 20249.981 R1 7561649.978 18531676.030
Radius: 62.500
Delta: 72.578 Right
Degree of Curvature (Arc): 91.673
Length: 79.170
Tangent: 45.892
Chord: 73.982
Middle Ordinate: 12.122
External: 15.039
Back Tangent Direction: N21.799°W
Back Radial Direction: N68.201°E
Chord Direction: N14.489°E
Ahead Radial Direction: S39.222°E
Ahead Tangent Direction: N50.778°E

Element: Circular
PRC (PRC) 20249.981 R1 7561649.978 18531676.030
HPI (HPI) 20303.640 R1 7561683.908 18531717.600
CC (CC) 7561727.061 18531613.114
PT (PT) 20348.403 R1 7561737.284 18531712.087
Radius: 99.500
Delta: 56.675 Left
Degree of Curvature (Arc): 57.584
Length: 98.423
Tangent: 53.660
Chord: 94.459
Middle Ordinate: 11.924
External: 13.547
Back Tangent Direction: N50.778°E
Back Radial Direction: S39.222°E
Chord Direction: N22.441°E
Ahead Radial Direction: N84.103°E
Ahead Tangent Direction: N5.897°W

Element: Linear
PT (PT) 20348.403 R1 7561737.284 18531712.087
END (END) 20400.000 R1 7561788.608 18531706.786
Tangential Direction: N5.897°W
Tangential Length: 51.597

US 69 SB

Alignment Name: ML069_NB
Alignment Description:
Alignment Style: Alignment\Geom_Baseline
Station Northing Easting

Element: Linear
START (START) 10000.000 R1 7561415.533 18531723.325
PC (PC) 10050.530 R1 7561465.819 18531718.371
Tangential Direction: N5.626°W
Tangential Length: 50.530

Element: Circular
PC (PC) 10050.530 R1 7561465.819 18531718.371
HPI (HPI) 10104.190 R1 7561519.220 18531713.110
CC (CC) 7561475.574 18531817.392
PRC (PRC) 10148.953 R1 7561552.954 18531754.841
Radius: 99.500
Delta: 56.675 Right
Degree of Curvature (Arc): 57.584
Length: 98.423
Tangent: 53.660
Chord: 94.459
Middle Ordinate: 11.924
External: 13.547
Back Tangent Direction: N5.626°W
Back Radial Direction: N84.374°E
Chord Direction: N22.712°E
Ahead Radial Direction: S38.951°E
Ahead Tangent Direction: N51.049°E

Element: Circular
PRC (PRC) 10148.953 R1 7561552.954 18531754.841
HPI (HPI) 10195.301 R1 7561582.091 18531790.885
CC (CC) 7561601.559 18531715.550
PRC (PRC) 10228.714 R1 7561625.043 18531773.470
Radius: 62.500
Delta: 73.120 Left
Degree of Curvature (Arc): 91.673
Length: 79.761
Tangent: 46.349
Chord: 74.458
Middle Ordinate: 12.298
External: 15.310
Back Tangent Direction: N51.049°E
Back Radial Direction: S38.951°E
Chord Direction: N14.489°E
Ahead Radial Direction: N67.930°E
Ahead Tangent Direction: N22.070°W

Element: Circular
PRC (PRC) 10228.714 R1 7561625.043 18531773.470
HPI (HPI) 10314.925 R1 7561704.937 18531741.077
CC (CC) 7561854.059 18532338.308
PT (PT) 10400.000 R1 7561790.681 18531732.112
Radius: 609.500
Delta: 16.102 Right
Degree of Curvature (Arc): 9.400
Length: 171.286
Tangent: 86.211
Chord: 170.723
Middle Ordinate: 6.007
External: 6.067
Back Tangent Direction: N22.070°W
Back Radial Direction: N67.930°E
Chord Direction: N14.019°W
Ahead Radial Direction: N84.031°E
Ahead Tangent Direction: N5.969°W

NE 126TH AVENUE _W_EB

Alignment Name: SR126TH_W_EB
Alignment Description:
Alignment Style: Alignment\Geom_Baseline
Station Northing Easting

Element: Linear
START (START) 40000.000 R1 7561582.122 18531547.570
PC (PC) 40043.252 R1 7561587.348 18531590.505
Tangential Direction: N83.061°E
Tangential Length: 43.252

Element: Circular
PC (PC) 40043.252 R1 7561587.348 18531590.505
HPI (HPI) 40056.614 R1 7561588.962 18531603.769
CC (CC) 7561517.860 18531598.962
PCC (PCC) 40069.658 R1 7561585.577 18531616.695
Radius: 70.000
Delta: 21.613 Right
Degree of Curvature (Arc): 81.851
Length: 26.406
Tangent: 13.362
Chord: 26.250
Middle Ordinate: 1.241
External: 1.264
Back Tangent Direction: N83.061°E
Back Radial Direction: S6.939°E
Chord Direction: S86.132°E
Ahead Radial Direction: S14.674°W
Ahead Tangent Direction: S75.326°E

Element: Circular
PCC (PCC) 40069.658 R1 7561585.577 18531616.695
HPI (HPI) 40083.263 R1 7561582.130 18531629.856
CC (CC) 7561537.208 18531604.028
PCC (PCC) 40096.226 R1 7561572.490 18531639.457
Radius: 50.000
Delta: 30.445 Right
Degree of Curvature (Arc): 114.592
Length: 26.568
Tangent: 13.606
Chord: 26.257
Middle Ordinate: 1.754
External: 1.818
Back Tangent Direction: S75.326°E
Back Radial Direction: S14.674°W
Chord Direction: S60.103°E
Ahead Radial Direction: S45.119°W
Ahead Tangent Direction: S44.881°E

Element: Circular
PCC (PCC) 40096.226 R1 7561572.490 18531639.457
HPI (HPI) 40120.634 R1 7561555.195 18531656.680
CC (CC) 7561501.926 18531568.600
PCC (PCC) 40144.105 R1 7561531.910 18531663.999
Radius: 100.000
Delta: 27.433 Right
Degree of Curvature (Arc): 57.296
Length: 47.880
Tangent: 24.408
Chord: 47.424
Middle Ordinate: 2.852
External: 2.936
Back Tangent Direction: S44.881°E
Back Radial Direction: S45.119°W
Chord Direction: S31.164°E
Ahead Radial Direction: S72.552°W
Ahead Tangent Direction: S17.448°E

Element: Circular
PCC (PCC) 40144.105 R1 7561531.910 18531663.999
HPI (HPI) 40165.304 R1 7561511.687 18531670.355
CC (CC) 7561352.007 18531091.605
PT (PT) 40186.485 R1 7561491.065 18531675.268
Radius: 600.000
Delta: 4.047Right
Degree of Curvature (Arc): 9.549
Length: 42.380
Tangent: 21.199
Chord: 42.371
Middle Ordinate: 0.374
External: 0.374
Back Tangent Direction: S17.448°E
Back Radial Direction: S72.552°W
Chord Direction: S15.424°E
Ahead Radial Direction: S76.599°W
Ahead Tangent Direction: S13.401°E

NE 126TH AVENUE_W_WB

Alignment Name: SR126TH_W_WB
Alignment Description:
Alignment Style: Alignment\Geom_Baseline
Station Northing Easting

Element: Circular
PC (PC) 50000.000 R1 7561624.371 18531542.743
HPI (HPI) 50037.524 R1 7561628.362 18531580.054
CC (CC) 7562419.834 18531457.661
PCC (PCC) 50074.992 R1 7561635.828 18531616.828
Radius: 800.000
Delta: 5.371Left
Degree of Curvature (Arc): 7.162
Length: 74.992
Tangent: 37.524
Chord: 74.965
Middle Ordinate: 0.879
External: 0.880
Back Tangent Direction: N83.895°E
Back Radial Direction: S6.105°E
Chord Direction: N81.209°E
Ahead Radial Direction: S11.476°E
Ahead Tangent Direction: N78.524°E

Element: Circular
PCC (PCC) 50074.992 R1 7561635.828 18531616.828
HPI (HPI) 50099.214 R1 7561640.647 18531640.565
CC (CC) 7561782.829 18531586.984
PCC (PCC) 50123.022 R1 7561652.693 18531661.580
Radius: 150.000
Delta: 18.346 Left
Degree of Curvature (Arc): 38.197
Length: 48.029
Tangent: 24.222
Chord: 47.825
Middle Ordinate: 1.918
External: 1.943
Back Tangent Direction: N78.524°E
Back Radial Direction: S11.476°E
Chord Direction: N69.351°E
Ahead Radial Direction: S29.822°E
Ahead Tangent Direction: N60.178°E

Element: Circular
PCC (PCC) 50123.022 R1 7561652.694 18531661.581
HPI (HPI) 50144.777 R1 7561663.513 18531680.456
CC (CC) 7561722.099 18531621.796
PCC (PCC) 50165.507 R1 7561682.401 18531691.251
Radius: 80.000
Delta: 30.427 Left
Degree of Curvature (Arc): 71.620
Length: 42.484
Tangent: 21.756
Chord: 41.986
Middle Ordinate: 2.804
External: 2.905
Back Tangent Direction: N60.177°E
Back Radial Direction: S29.823°E
Chord Direction: N44.964°E
Ahead Radial Direction: S60.250°E
Ahead Tangent Direction: N29.750°E

Element: Circular
PCC (PCC) 50165.504 R1 7561682.400 18531691.251
HPI (HPI) 50186.199 R1 7561700.366 18531701.519
CC (CC) 7561727.061 18531613.114
PT (PT) 50206.185 R1 7561721.013 18531702.910
Radius: 90.000
Delta: 25.897 Left
Degree of Curvature (Arc): 63.662
Length: 40.680
Tangent: 20.693
Chord: 40.334
Middle Ordinate: 2.289
External: 2.348
Back Tangent Direction: N29.751°E
Back Radial Direction: S60.249°E
Chord Direction: N16.802°E
Ahead Radial Direction: S86.146°E
Ahead Tangent Direction: N3.854°E

NE 126TH AVENUE_E_ EB

Alignment Name: SR126TH_E_EB
Alignment Description:
Alignment Style: Alignment\Geom_Baseline
Station Northing Easting

Element: Circular
PC (PC) 60000.000 R1 7561492.201 18531728.941
HPI (HPI) 60013.535 R1 7561505.503 18531731.441
CC (CC) 7561475.574 18531817.392
PCC (PCC) 60026.869 R1 7561517.481 18531737.744
Radius: 90.000
Delta: 17.105 Right
Degree of Curvature (Arc): 63.662
Length: 26.869
Tangent: 13.535
Chord: 26.769
Middle Ordinate: 1.001
External: 1.012
Back Tangent Direction: N10.646°E
Back Radial Direction: S79.354°E
Chord Direction: N19.199°E
Ahead Radial Direction: S62.249°E
Ahead Tangent Direction: N27.751°E

Element: Circular
PCC (PCC) 60026.869 R1 7561517.481 18531737.744
HPI (HPI) 60043.599 R1 7561532.287 18531745.534
CC (CC) 7561484.886 18531799.692
PCC (PCC) 60059.714 R1 7561541.970 18531759.177
Radius: 70.000
Delta: 26.884 Right
Degree of Curvature (Arc): 81.851
Length: 32.845
Tangent: 16.731
Chord: 32.545
Middle Ordinate: 1.918
External: 1.972
Back Tangent Direction: N27.751°E
Back Radial Direction: S62.249°E
Chord Direction: N41.193°E
Ahead Radial Direction: S35.365°E
Ahead Tangent Direction: N54.635°E

Element: Circular
PCC (PCC) 60059.714 R1 7561541.971 18531759.178
HPI (HPI) 60093.052 R1 7561561.266 18531786.365
CC (CC) 7561411.493 18531851.782
PCC (PCC) 60125.449 R1 7561568.097 18531818.996
Radius: 160.000
Delta: 23.540 Right
Degree of Curvature (Arc): 35.810
Length: 65.736
Tangent: 33.338
Chord: 65.274
Middle Ordinate: 3.364
External: 3.436
Back Tangent Direction: N54.636°E
Back Radial Direction: S35.364°E
Chord Direction: N66.406°E
Ahead Radial Direction: S11.824°E
Ahead Tangent Direction: N78.176°E

Element: Circular
PCC (PCC) 60125.449 R1 7561568.097 18531818.996
HPI (HPI) 60164.276 R1 7561576.053 18531856.998
CC (CC) 7560589.317 18532023.907
PT (PT) 60203.063 R1 7561581.039 18531895.503
Radius: 1000.000
Delta: 4.447Right
Degree of Curvature (Arc): 5.730
Length: 77.613
Tangent: 38.826
Chord: 77.594
Middle Ordinate: 0.753
External: 0.753
Back Tangent Direction: N78.176°E
Back Radial Direction: S11.824°E
Chord Direction: N80.399°E
Ahead Radial Direction: S7.377°E
Ahead Tangent Direction: N82.623°E

NE 126TH AVENUE_E_ WB

Alignment Name; SR126TH_E_WB
Alignment Description:
Alignment Style: Alignment\Geom_Baseline
Station Northing Easting

Element: Circular
PC (PC) 80000.000 R1 7561722.480 18531752.913
HPI (HPI) 80027.290 R1 7561695.854 18531758.898
CC (CC) 7561854.059 18532338.308
PCC (PCC) 80054.543 R1 7561669.881 18531767.275
Radius: 600.000
Delta: 5.209Left
Degree of Curvature (Arc): 9.549
Length: 54.543
Tangent: 27.290
Chord: 54.525
Middle Ordinate: 0.620
External: 0.620
Back Tangent Direction: S12.668°E
Back Radial Direction: S77.332°W
Chord Direction: S15.272°E
Ahead Radial Direction: S72.124°W
Ahead Tangent Direction: S17.876°E

Element: Circular
PCC (PCC) 80054.543 R1 7561669.881 18531767.275
HPI (HPI) 80074.173 R1 7561651.199 18531773.301
CC (CC) 7561702.112 18531867.206
PCC (PCC) 80093.354 R1 7561635.956 18531785.669
Radius: 105.000
Delta: 21.178 Left
Degree of Curvature (Arc): 54.567
Length: 38.811
Tangent: 19.629
Chord: 38.590
Middle Ordinate: 1.788
External: 1.819
Back Tangent Direction: S17.876°E
Back Radial Direction: S72.124°W
Chord Direction: S28.465°E
Ahead Radial Direction: S50.946°W
Ahead Tangent Direction: S39.054°E

Element: Circular
PCC (PCC) 80093.354 R1 7561635.956 18531785.669
HPI (HPI) 80126.399 R1 7561610.295 18531806.489
CC (CC) 7561673.759 18531832.262
PT (PT) 80153.764 R1 7561614.174 18531839.305
Radius: 60.000
Delta: 57.688 Left
Degree of Curvature (Arc): 95.493
Length: 60.410
Tangent: 33.045
Chord: 57.891
Middle Ordinate: 7.444
External: 8.498
Back Tangent Direction: S39.054°E
Back Radial Direction: S50.946°W
Chord Direction: S67.898°E
Ahead Radial Direction: S6.742°E
Ahead Tangent Direction: N83.258°E

Element: Linear
PT (PT) 80153.764 R1 7561614.174 18531839.305
PC (PC) 80202.711 R1 7561619.920 18531887.914
Tangential Direction: N83.258°E
Tangential Length: 48.947

Element: Circular
PC (PC) 80202.711 R1 7561619.920 18531887.914
HPI (HPI) 80204.157 R1 7561620.090 18531889.350
CC (CC) 7561123.377 18531946.609
PT (PT) 80205.603 R1 7561620.251 18531890.787
Radius: 500.000
Delta: 0.331Right
Degree of Curvature (Arc): 11.459
Length: 2.892
Tangent: 1.446
Chord: 2.892
Middle Ordinate: 0.002
External: 0.002
Back Tangent Direction: N83.258°E
Back Radial Direction: S6.742°E
Chord Direction: N83.424°E
Ahead Radial Direction: S6.410°E
Ahead Tangent Direction: N83.590°E

ROUNDABOUT CIRCLE

Alignment Name: RAB
Alignment Description:
Alignment Style: Alignment\Geom_Baseline
Station Northing Easting

Element: Circular
PC (PC) 70000.000 R1 7561601.559 18531762.550
CC (CC) 7561601.559 18531715.550
PT (PT) 70295.310 R1 7561601.559 18531762.550
Radius: 47.000
Delta: 0.000Left
Degree of Curvature (Arc): 121.906
Length: 295.310
Tangent: 0.000
Chord: 0.000
Middle Ordinate: 0.000
External: 0.000
Back Tangent Direction: N0.000°W
Back Radial Direction: N90.000°E
Chord Direction: N0.000°W
Ahead Radial Direction: N90.000°E
Ahead Tangent Direction: N0.000°W

HORIZONTAL AND VERTICAL PROJECT CONTROL COORDINATE LISTING

HORIZ. DATUM: NAD83(2011) for EPOCH 2010.00 (IaRTN 2019 Adjustment)
Ia. Regional Coordinate System Zone 08 (U.S. Survey Foot)
VERT. DATUM: NAVD88
Geoid Model: 2012b

PointName	Northing	Easting	Elevation	
CP2	7561251.24	18531575.35	948.54	FENCO 137.4FT W OF US69//73FT W OF POWER POLE//8FT E OF FENCE
CP3	7559009.9	18531645.04	935.08	FENCO 50.5FT W OF US69// 86FT S OF POWER POLE// 43FT N OF CONCRETE CORNER POST
CP101	7561639.316	18531642.61	950.443	CP CONCRETE MONUMENT WITH 1/2IN REBAR IN NW QUAD OF US69/126TH INTERSECTION// 5FT N OF CONCRETE CORNER POST
8100	7561620.347	18531021.68	958.679	CP SET 1/2IN REBAR RED PLASTIC CAP// 700FT WEST OF US69//N SIDE OF ROAD, E SIDE OF FIELD ENTRANCE// 7FT S OF FENCE
8101	7561660.518	18532700.51	958.446	CP SET 1/2IN REBAR RED PLASTIC CAP//500FT E OF BRIDGE ON N SIDE OF 126TH AVE//4FT S OF FENCE// FRONT OF HOUSE#1558
8102	7564143.942	18531760.05	979.329	CP FND BRASS PLUG IN CONCRETE HEADWALL OF CULVERT// E SIDE OF US69//100FT N OF DRIVE TO HOUSE#12971// 35FT E OF US69

Polk **STPN-069-4(154)--2J-77**

Co Rd F22/NE 126th Ave Intersection

7706902025

Project Code **25-77-069-020**

Route **US 69**

		State			County			City				Temp Ease						
Parcel No	Owner Name	Fee	Ease		Fee	Ease		Fee	Ease		Excess			Mitigation	Other	Relocation Needed	A/C Only	Total Acq
1	Earl M. Reinhart Residuary Trust					0.33 AC												
2	Hope Kimberly LLC							1,488.00 SF										
3	Rose Marie Reinhart		0.08 AC			0.46 AC												
4	Jeremy & Teresa Nefzger		0.08 AC			0.05 AC												
5	Dennis M. Gibson		0.02 AC			0.04 AC												

5 Parcels

1

EARL M. REINHART
RESIDUARY TRUST

2

HOPE KIMBERLY LLC

3

ROSE MARIE REINHART

4

JEREMY & TERESA
NEFZGER

5

DENNIS M. GIBSON

NE¼ NE¼ SEC. 35–81N–24W

SE¼ SE¼ SEC. 26–81N–24W

NW¼ NW¼ SEC. 36–81N–24W

SW¼ SW¼ SEC. 25–81N–24W

NE 126TH AVENUE

NE 72ND STREET

US 69

US 69 SB

US 69 NB

US 69 CIRCLE

NE 126TH_EB

NE 126TH_WB

NE 72ND_EB

NE 72ND_WB

FOURMILE CREEK

GRADING LIMITS

CITY OF ANKENY

22+00
23+00
24+00
25+00
26+00
27+00
28+00
29+00
30+00
31+00

209+00
210+00
211+00
212+00
213+00
214+00
215+00
216+00
217+00
218+00
219+00
220+00
221+00
222+00
223+00

23+31.00
℄ 69.00' RT

24+99.36
℄ 56.00' RT±EX R/W

(CLOSED)
+87.37 EXISTING FIELD ENT

(CLOSED)
+86.41 EXISTING FIELD ENT

216+63.00
℄ 148.04' LT±EX R/W

25+43.42
℄ 95.14' LT

217+65.00
℄ 75.00' LT±EX R/W

215+73.00
℄ 101.67' RT±EX R/W

215+85.00
℄ 149.89' RT±EX R/W

(CLOSED)
+31.69 EXISTING FIELD ENT

29+04.00
℄ 51.06' RT±EX R/W

29+42.00
℄ 70.00' RT

29+80.00
℄ 70.00' RT

29+97.00
℄ 51.44' RT±EX R/W

28+87.00± PL
℄ 64.67' LT

27+52.79
℄ 64.21' LT

218+14.00
℄ 60.00' RT±EX R/W

216+84.00
℄ 112.00' RT±EX R/W

29+81.00
℄ 65.00' LT

30+02.00
℄ 48.54' LT±EX R/W

219+94.00
℄ 65.00' RT

219+87.00
℄ 60.00' RT±EX R/W

221+16.00
℄ 60.00' RT±EX R/W

220+82.00
℄ 69.00' RT

0 50
FEET

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: Larson / Hinrichsen
ROW #: STPN-069-4(154)--2J-77
Plan Date: 6/6/2025
Color Legend:
Property Lines
Temporary Easement
Permanent Acquisition
Permanent Acquisition County
Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER H.1

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3

ROSE MARIE REINHART

5

DENNIS M. GIBSON

4

JEREMY & TERESA NEFZGER

1

EARL M. REINHART RESIDUARY TRUST

2

HOPE KIMBERLY LLC

SW¼ SW¼ SEC. 25-81N-24W

221+00
220+00
219+00
218+00
217+00
216+00
215+00
214+00
213+00
212+00

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

20+00.16
℄ 33.00' LT±EX R/W

20+33.00
℄ 54.00' LT

217+65.00
℄ 75.00' LT±EX R/W

25+43.42
℄ 95.14' LT

216+63.00
℄ 148.04' LT±EX R/W

221+16.00
℄ 60.00' RT±EX R/W

220+82.00
℄ 69.00' RT

219+94.00
℄ 65.00' RT

219+87.00
℄ 60.00' RT±EX R/W

218+14.00
60.00' RT±EX R/W

27+52.79
℄ 64.21' LT

216+84.00
℄ 112.00' RT±EX R/W

28+87.00±PL
℄64.67' LT

29+81.00
℄ 65.00' LT

30+02.00
℄ 48.54' LT±EX R/W

20+00.00
℄ 33.00' RT±EX R/W

20+33.00
℄ 57.00' RT

23+31.00
℄ 69.00' RT

24+99.36
℄ 56.00' RT±EX R/W

215+85.00
℄ 149.89' RT±EX R/W

215+73.00
℄ 101.67' RT±EX R/W

29+97.00
℄ 51.44' RT±EX R/W

29+80.00
℄ 70.00' RT

29+42.00
℄ 70.00 RT

29+04.00
℄ 51.06' RT±EX R/W

NE 126TH AVENUE
NE 72ND STREET
NE 126TH WB
NE 72ND EB
NE 72ND WB
US 69
US 69 SB
US 69 NB
US 69 CIRCLE
GRADING LIMITS
FOURMILE CREEK
(CLOSED)
+87.37 EXISTING FIELD ENT
+9.41 EXISTING FIELD ENT
+376.69 EXISTING FIELD ENT

0 50 FEET

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: Larson / Hinrichsen
ROW #: STPN-069-4(154)--2J-77
Plan Date: 6/6/2025
Color Legend:
- Property Lines
- Temporary Easement
- Permanent Acquisition
- Permanent Acquisition County
- Permanent Acquisition City

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER HE.1

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108-23A
08-01-08

TRAFFIC CONTROL PLAN

In order to minimize vehicle traffic congestion, the contractor shall comply with the following restrictions, for the limits of construction.

Traffic will be maintained via off-site detours. Refer to Detour Map Sheet J.3. The contractor will be responsible for seting up and maintaining the detour through the duration of construction.

The Contractor shall coordinate traffic control with other projects within the area.

Traffic control on this project shall be in accordance with the TC Series Standard Road Plans listed elsewhere in these plans. For additional complementary information, refer to part 6 of the Manual on Uniform Traffic Control Devices for streets and highways, as adopted by the Department per 761 of the Iowa Administrative Code (IAC), Chapter 130 and the current standard specifications.

Where possible, all post-mounted signs shall be placed at least 2 feet beyond the curb or edge of shoulder. All signs to be in place longer than three days must be post mounted.

The location for storage of equipment by the Contractor during non-working hours shall be as approved by the Engineer in charge of construction. The Contractor will be responsible for securing a safe storage area for equipment and materials to be used on the project.

Portable Dynamic Message Signs (PDMS) shall be in accordance with Section 4188.07, and will be necessary throughout construction to provide advanced warnings.

108-26A
08-01-08

STAGING NOTES

GENERAL STAGING NOTES:

Do not start any work until after traffic control is in place and approved by the Engineer.

Coordinate all construction with utility companies and their relocations and services.

Contractor to coordinate road closure signs with the bridge replacement project north of US 69 and NE 126th Avenue/NE 72nd Street intersection.

CROSS SECTION VIEW COLOR LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

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

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

- Pavement Removal
- Proposed Granular Subbase
- Proposed Special Backfill
- Temporary Barrier Rail
- Proposed Granular Shoulder
- Temporary Shoulder
- Existing Shoulder Strengthening
- Permanent Barrier Rail
- Channelizing Device

PLAN VIEW COLOR LEGEND OF TRAFFIC CONTROL AND STAGING SHEETS

LINEWORK	Design Color No.	
Green	(2)	Existing Topographic Features and Labels
Magenta	(5)	Pavement Marking Call Outs
Blue	(1)	Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Yellow	(4)	Pavement Markings, Yellow
Off White	(254)	Pavement Markings, White
Violet	(15)	Temporary barrier rail, Unpinned
Flush Orange	(228)	Temporary barrier rail, Pinned

SHADING	Design Color No.	
Green, Light	(225)	Existing Pavement Shading
Gray, Light	(48)	Previously Constructed Pavement Shading
Gray, Med	(6)	Proposed Granular Surface Shading
Gray, Med	(80)	Previously Constructed Granular Surface Shading
Blue, Light	(230)	Proposed Pavement Shading
Pink, Dark	(13)	Temporary Pavement Shading
Brown, Light	(236)	Proposed Grading Limits Shading
Cyan	(7)	Proposed MSE or CIP Wall Shading
Red	(3)	Proposed Bridge Shading and Sign Trusses
Black w/Gray, Light Fill	(0,48)	Previously Constructed Structure

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

- Channelizing Device
- Drum
- Temporary Lane Separator
- Tubular Marker
- Channelizer Marker
- Concrete Barrier Marker
- Delineator
- Temporary Barrier Rail
- Pavement Removal
- Sand Barrel Layout
- Crash Cushion (Temp or Perm)
- Traffic Signal
- Flagger
- Temporary Floodlighting
- Traffic Sign
- Type III Barricade
- Type A Warning Light
- Direction of Traffic
- Safety Closure
- Lane Identification

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

TRAFFIC CONTROL AND STAGING LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES J)

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER J.2

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DETOUR ROUTES
ROUTE 1
ROUTE 2

R56
590
EXISTING EB/WB 2-WAY STOP CONTROLLED INTERSECTION
EXISTING STOP CONTROL ON NW 2ND STREET
EXISTING EB/WB 2-WAY STOP CONTROLLED INTERSECTION
EXISTING 2-WAY EB/WB STOP CONTROLLED INTERSECTION
350
NE 134TH AVE
NE 134 AVE
25
100
180
490
190
GRAVEL ROAD
NW 30 ST
NW 16 ST
NW 2 ST
590
590
69
NE 22 ST
510
NE 29TH ST
GRAVEL ROAD
PROJECT LOCATION
F22
NE 126 AVE
400
480
EXISTING EB/WB 2-WAY STOP CONTROLLED INTERSECTION
EXISTING 2-WAY NB/SB STOP CONTROLLED INTERSECTION
870
NE 6 ST
15
1090
GRAVEL ROAD
ANKENY
3060
3160
1440
710
NE 118 AVE
NE 54 ST
35
EXISTING NB/SB 2-WAY STOP CONTROLLED INTERSECTION WITH FLASHING BEACONS
EXISTING NB/SB 2-WAY STOP CONTROLLED INTERSECTION
EXISTING STOP CONTROL ON NE 54TH STREET
R56
1760
70
NE 6 ST
EXISTING SIGNALIZED INTERSECTION
GRAVEL ROAD

LEGEND
TRAFFIC SIGN
FULL ROAD CLOSURE
WORK AREA

N

0 1000 2000
FEET

FILE NO.	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER J.3

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STORM SEWER

① Diameter or equivalent diameter

* Bid Item

** For SW-545

INTAKES AND UTILITY ACCESSES

No.	Location Station and Offset	*Type or Standard Road Plan	Form Grade Elev.	Bottom Well Elev.	Extension Length** FT	Notes
ST-1A	212+51.62, 49.39' LT	APRON (36")	-	933.20		
ST-1	213+45.87, 22.00' RT	SW-509	941.18	933.45		
ST-2	213+45.87, 22.00' LT	SW-509	941.18	934.23		
ST-3	215+46.61, 31.65' LT	SW-509	943.25	936.46		
ST-4	215+46.49, 35.77' RT	SW-509	943.18	938.40		
ST-5	216+11.74, 35.34' LT	SW-401 (84")	944.82	937.21		
ST-6	217+54.04, 26.39' LT	SW-509	945.43	938.56		
ST-7	217+60.42, 59.56' LT	SW-513 (6'X6')	943.95	938.95		
ST-8	217+45.74, 25.46' RT	SW-509	945.30	940.96		
ST-9	219+20.75, 22.00' LT	SW-509	947.26	940.45		
ST-10	219+20.75, 22.00' RT	SW-509	947.26	942.41		
ST-11	219+98.39, 47.46' LT	SW-513 (6'X6')	946.90	941.74		
ST-12	219+94.77, 48.19' RT	APRON (15")	-	945.48		
ST-13	23+23.41, 46.55' RT	APRON (15")	-	946.12		
ST-14	23+58.66, 22.00' RT	SW-509	947.81	942.45		
ST-15	23+58.66, 22.00' LT	SW-509	947.81	943.24		
ST-16	25+30.52, 21.76' RT	SW-509	944.14	939.64		
ST-17	25+36.26, 23.59' LT	SW-509	944.04	939.06		
ST-18A	29+43.76, 58.92' RT	SW-509	-	934.24		
ST-18	29+27.04, 17.30' RT	SW-509	939.82	934.54		
ST-19	29+27.04, 17.30' LT	APRON (15")	939.82	935.25		

TOTALS (RCP)

SW-509	14	EA
SW-513 (6'X6')	2	EA
SW-401 (84")	1	EA
APRON (15")	3	EA
APRON (36")	1	EA

PIPES

Design Length, Slope, and Flowlines are calculated from inside wall to inside wall along CL of pipe. An additional 2 ft length is added to each side of the Design Length to account for estimated length to center of structures.

Line Number	Intake/Utility Access No. From	To	Class 'D'	Pipe Size ① IN	Bid* Length FT	Design Length FT	Slope %	Connected Pipe Joint (DR-121) Type	Flow Lines Inlet Elevation	Outlet Elevation	Other Elevation	Pipe Profile Sheet No.	Notes
P-1	ST-1	ST-1A	2000	36	95.0	92.5	1.50%		933.89	932.50		M.7	
P-2	ST-2	ST-1	2000	36	48.0	44.0	1.20%		934.73	934.20		M.7	
P-3	ST-3	ST-2	2000	36	198.0	194.0	1.10%		936.96	934.83		M.3	
P-4	ST-4	ST-3	2000	15	72.0	67.5	1.01%		938.90	938.22		M.7	
P-5	ST-5	ST-3	2000	36	69.0	64.5	1.01%		937.71	937.06		M.3	
P-6	ST-6	ST-5	2000	36	129.0	124.5	1.00%		939.06	937.81		M.3	
P-7	ST-7	ST-6	2000	24	32.0	27.5	1.05%		939.45	939.16		M.7	
P-8	ST-8	ST-6	2000	15	55.0	52.5	1.10%		941.23	940.65		M.7	
P-9	ST-9	ST-6	2000	30	166.0	162.0	1.00%		940.95	939.33		M.3	
P-10	ST-10	ST-9	2000	15	48.0	44.0	1.00%		943.11	942.67		M.7	
P-11	ST-11	ST-9	2000	24	79.0	74.5	1.60%		942.24	941.05		M.4	
P-12	ST-12	ST-10	2000	15	74.0	72.0	3.10%		945.48	943.25		M.4	
P-13	ST-15	ST-13	2000	15	38.0	36.0	5.25%		946.08	944.19		M.5	
P-14	ST-14	ST-15	2000	15	48.0	44.0	1.00%		943.74	943.30		M.7	
P-15	ST-17	ST-15	2000	15	169.0	165.0	1.65%		942.95	940.23		M.5	
P-16	ST-16	ST-17	2000	15	50.0	46.0	1.00%		940.14	939.68		M.7	
P-17	ST-5	ST-17	2000	15	71.0	66.5	1.20%		939.56	938.76		M.5	
P-18	ST-18	ST-18A	2000	15	42.0	40.0	1.85%		935.04	934.30		M.7	
P-19	ST-19	ST-18	2000	15	39.0	34.5	1.01%		935.75	935.40		M.7	

TOTALS (RCP)

15	706	LF
24	111	LF
30	166	LF
36	539	LF

SURVEY SYMBOLS

- Interstate Highway Symbol
- U.S. Highway Symbol
- Iowa Highway Symbol
- County Road Highway Symbol
- Evergreen Tree
- Deciduous Tree
- Fruit Tree
- Shrub (Bushes)
- Timber
- Hedge
- Stump
- Swamp
- Rock Outcrop
- Broken Concrete
- Revetment (Rip Rap)
- Cemetery
- Grave
- Cave
- Sink Hole
- Board Fence
- Chain Link or Security Fence
- Wire Fence
- Terrace
- Earth Dam or Dike (Existing)
- Tile Outlet
- Edge of Water
- Existing Drainage
- Right of Way Rail or Lot Corner
- Concrete Monument
- Well
- Windmill
- Beehive Intake
- Existing Intake
- Existing Utility Access (Manhole)
- Fire Hydrant
- WH Water Hydrant (Rural)
- Septic Tank
- Cistern
- L.P. Gas Tank (No Footing)
- 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

E1

(M57E) MIDAMER-ELEC
Contact Name: Jamie Neer
Contact Phone: 5152526972
Contact Email: MECDSMDESIGNLOCATES@MIDAMERICAN.com

F04

(INS) AUREON NETWORKS SERVICES
Contact Name: Jeff Klocko
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Contact Email: jeff.klocko@aureon.com

F06

(HYT) HUXLEY COMMUNICATIONS COOPERATIVE
Contact Name: Brant Strumpfer
Contact Phone: 5155972899
Contact Email: brant@huxleycommunications.net

T1

(CTLIA01) LUMEN
Contact Name: Mindi Burgett
Contact Phone: 5152637230
Contact Email: Mindi.Burgett@lumen.com

W

(SPR) SOUTHEAST POLK RURAL WATER DIS
Contact Name: Ed Clark
Contact Phone: 5153236244
Contact Email: onecallmaps@dmww.com

PLAN VIEW COLOR LEGEND OF STORM SEWER SHEETS

LINEWORK	Design Color No.	
Green	(2)	Existing Topographic Features, and Labels
Magenta	(5)	Existing Utilities
Blue, Dark	(1)	Proposed Storm Sewer Pipes, Alignment, Stationing, and Tic Marks
Blue, Light	(230)	Proposed Storm Sewer Intakes or Structures

SHADING	Design Color No.	
Lavender	(9)	Temporary Pavement Shading
Gray, Light	(48)	Proposed Pavement Shading
Gray, Medium	(80)	Proposed Granular Shading
Tan	(8)	Proposed Sidewalk Shading

PROFILE VIEW COLOR LEGEND OF STORM SEWER SHEETS

LINEWORK	Design Color No.	
Green	(2)	Existing Ground Line Profile
Magenta	(5)	Existing Utilities Information
Blue, Dark	(1)	Proposed Pipes
Blue, Light	(230)	Proposed Intakes or Structures

PLAN VIEW LINE STYLE LEGEND OF STORM SEWER SHEETS

- Plug and Abandon Existing Pipe or Structure
- Removal of Existing Pipe or Structure
- Previously Constructed Pipe or Structure
- Direction of Pipe Flow

PROFILE VIEW LINE STYLE LEGEND OF STORM SEWER SHEETS

- Existing Ground
- Proposed Ground
- Previously Constructed Pipe or Structure
- Proposed Pipe
- Proposed Structure

Reference Point
Station

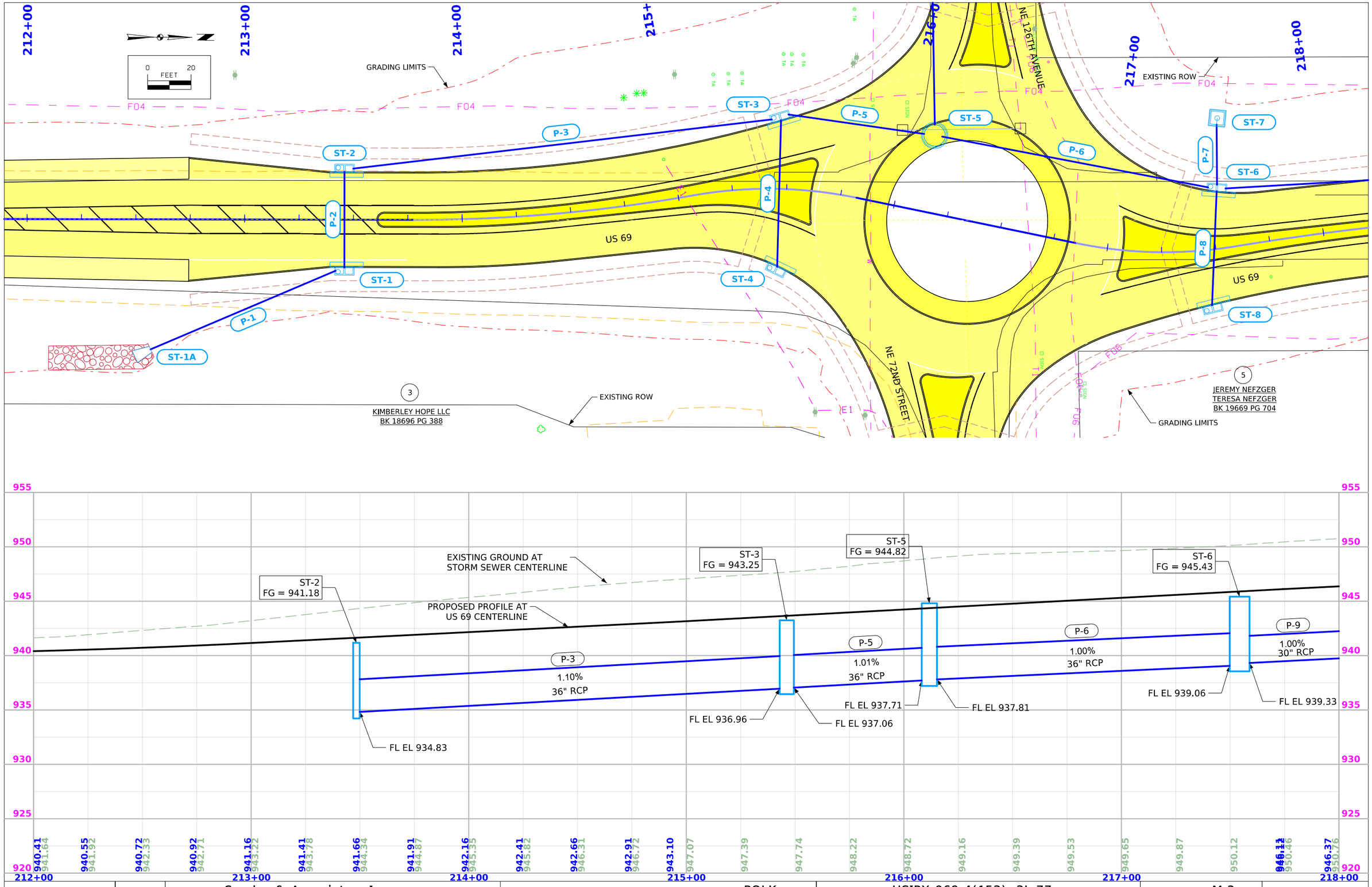
- Survey Line
- Section Corner
- Ground Line Intercept
- Saw Cut
- Guardrail
- Clearing & Grubbing Area
- Pavement Removal

RIGHT-OF-WAY LEGEND

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

STORM SEWER LEGEND AND SYMBOL INFORMATION SHEET

(COVERS SHEET SERIES M)



FILE NO.	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER M.3	

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

2
TRUSTEES OF
ROSE M REINHART
BK 25 PG 7895

219+00 220+00 221+00 222+00 223+00 224+00

0 20
FEET

F04 F04 F04 F04

GRADING LIMITS

EXISTING ROW

ST-11 P-11 ST-9 P-9 P-10 ST-10 P-12 ST-12

SIGN SIGN SIGN SIGN

US 69

F06 F06 F06 F06

GRADING LIMITS

EXISTING ROW

6
DENNIS M GIBSON
BK 16687 PG 581

2
TRUSTEES OF
ROSE M REINHART
BK 25 PG 7895

6
DENNIS M GIBSON
BK 16687 PG 581

EXISTING GROUND AT
STORM SEWER CENTERLINE

PROPOSED PROFILE AT
US 69 CENTERLINE

ST-9
FG = 947.26

ST-11
FG = 946.90

P-9
1.00%
30" RCP

P-11
1.60%
24" RCP

FL EL 940.95

FL EL 941.05

FL EL 942.24

ST-9
FG = 947.26

ST-10
FG = 947.26

ST-12

P-10
1.00%
15" RCP

P-12
3.10%
15" RCP

FL EL 943.11

FL EL 942.67

FL EL 943.25

FL EL 945.48

965 960 955 950 945 940 935 930

946.37 950.76 946.62 951.00 946.87 951.15 947.12 951.30 947.40 951.44 947.73 951.57 948.09 951.74 948.50 951.82 948.95 951.96 949.44 952.09 949.94 952.21 950.44 952.35 950.90 952.51 951.34 952.63 951.74 952.80 952.11 952.95 952.44 953.06 952.75 953.15 953.01 953.27 953.25 953.39 953.45 953.51 953.61 953.63 953.75 953.89 954.03

218+00 219+00 220+00 221+00 222+00 223+00 224+00

FILE NO.	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER M.4

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0 FEET 20

20+00 21+00 22+00 23+00 24+00 25+00

2
TRUSTEES OF
ROSE M REINHART
BK 25 PG 7895

GRADING LIMITS

EXISTING ROW

ST-14

P-14

NE 126TH AVENUE

P-15

ST-15

ST-13

P-13

EXISTING ROW

1
TRUSTEES OF
EARL M REINHART
BK 10526 PG 9

GRADING LIMITS

970 965 960 955 950 945 940 935 930

PROPOSED STORM SEWER
CENTERLINE

EXISTING GROUND AT
STORM SEWER CENTERLINE

ST-15
FG = 947.81

ST-13

P-13
5.25%
15" RCP

FL EL 946.12

FL EL 944.19

FL EL 942.95

P-15
1.65%
15" RCP

958.88 958.72 958.49 958.22 958.11 957.88 957.82 957.47 957.36 956.95 956.86 956.34 956.38 955.62 955.88 954.80 955.40 953.91 954.99 953.01 954.63 952.12 954.25 951.23 953.85 950.33 953.51 949.44 953.24 948.55 952.89 947.66 952.45 946.87 952.19 946.20 951.97 945.67 951.77 945.26 951.55 944.88 951.22

19+00 20+00 21+00 22+00 23+00 24+00 25+00

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER M.5

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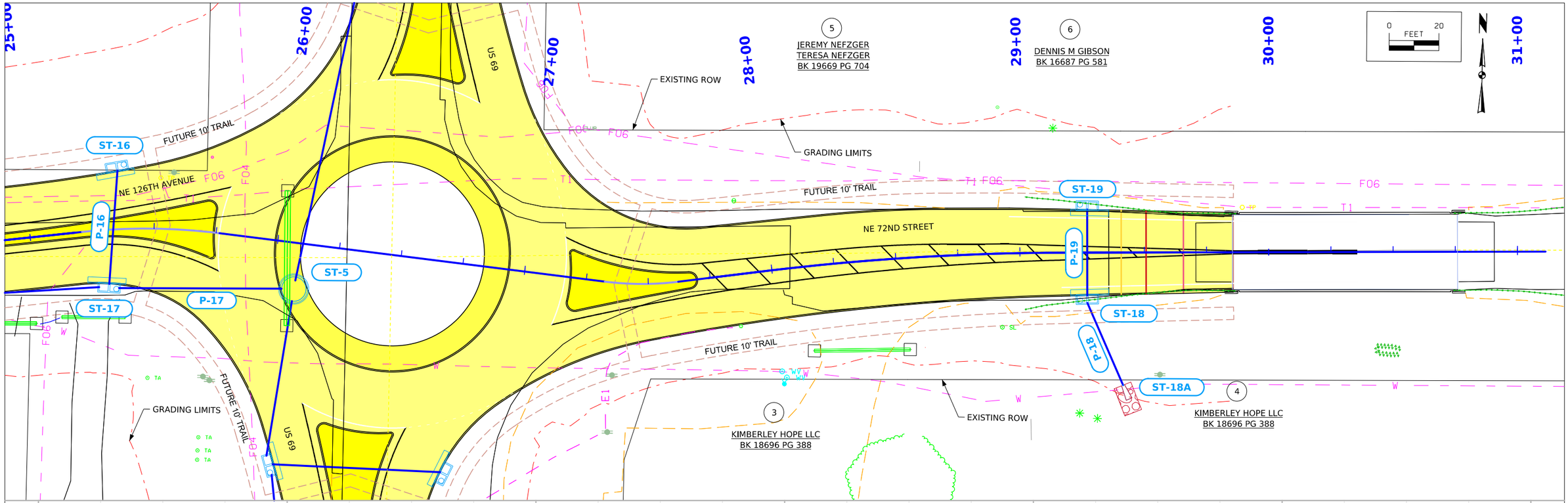
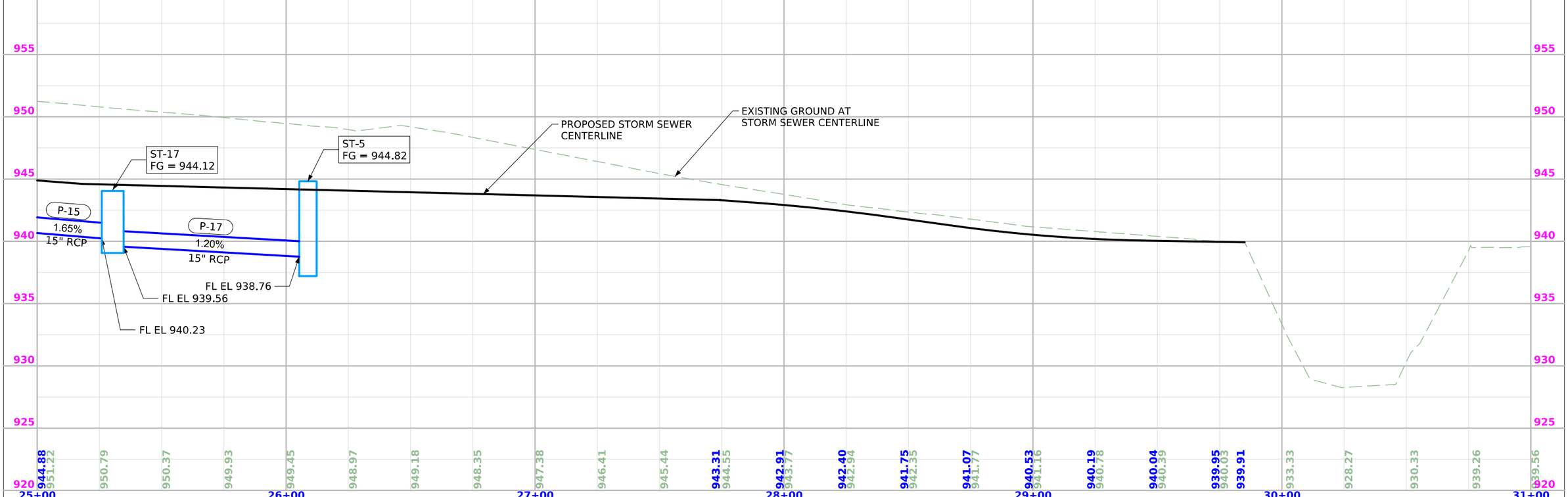
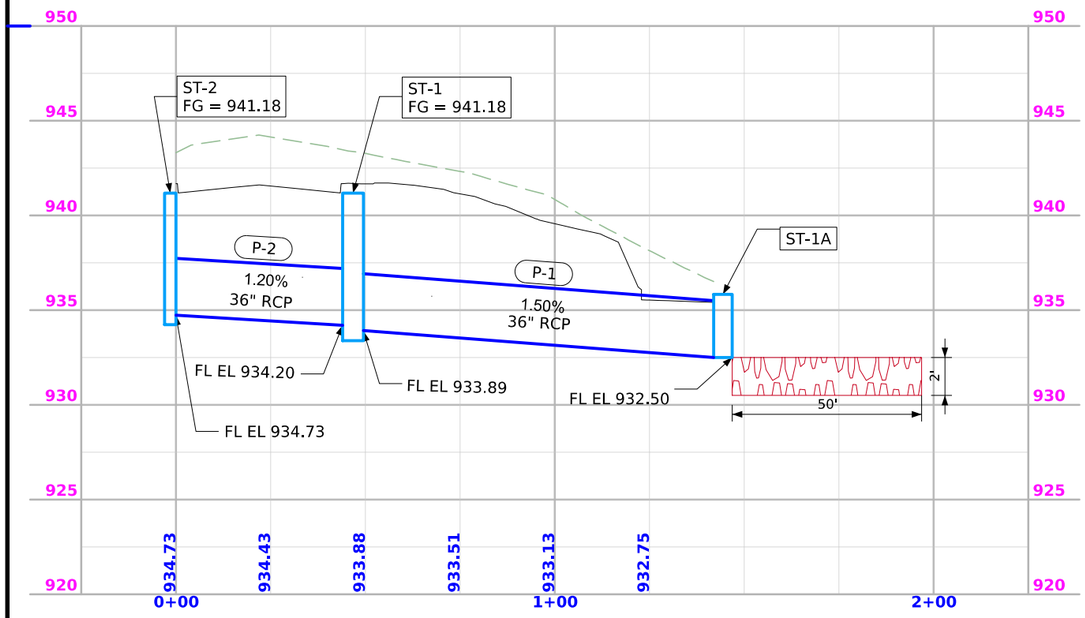
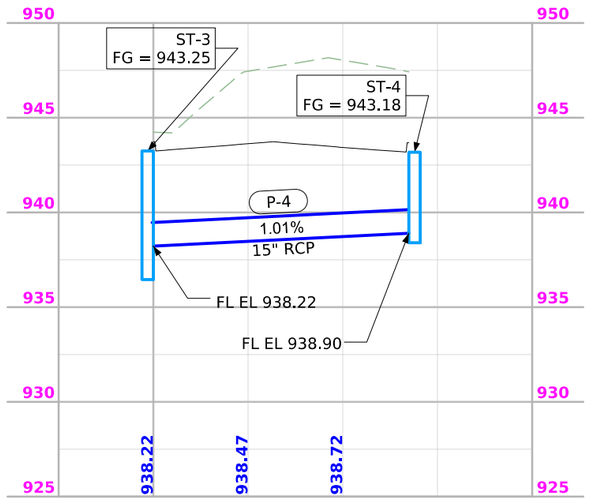


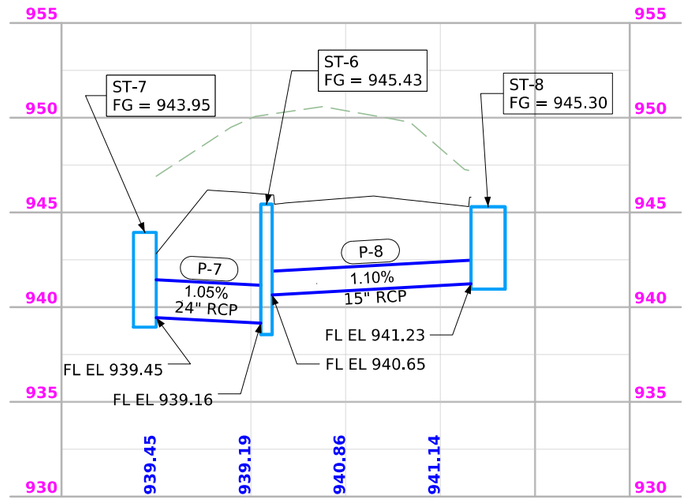


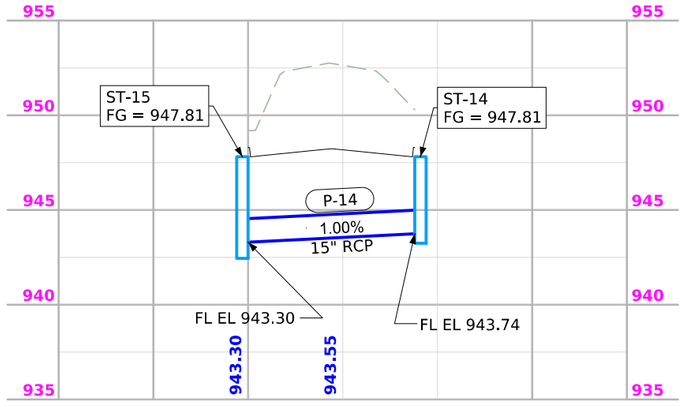
FILE NO.	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.		POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER M.6

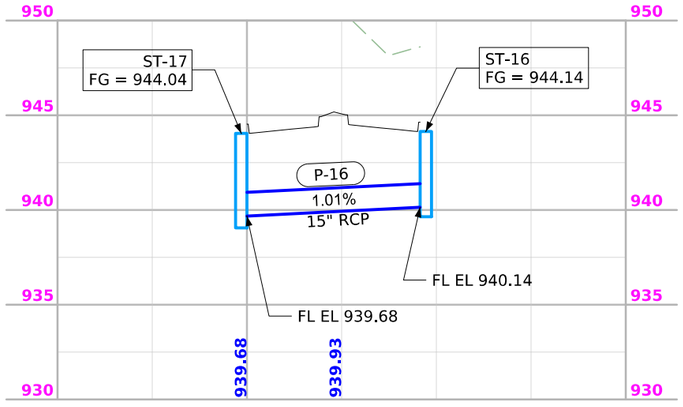
SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

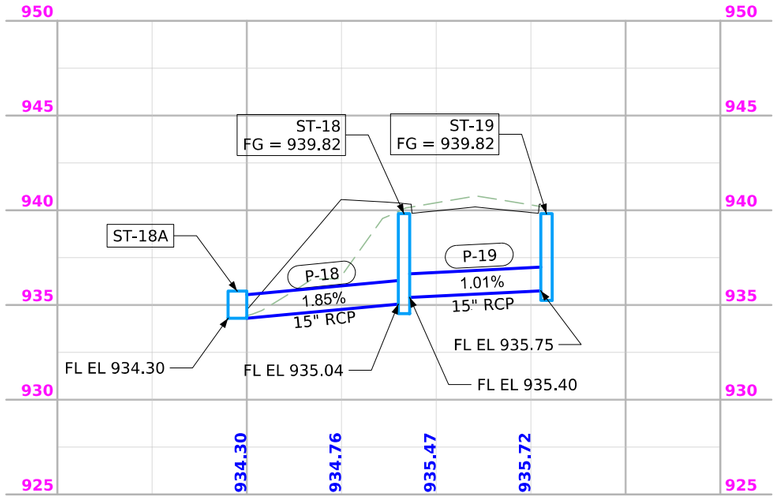

ST-2
FG = 941.18
ST-1
FG = 941.18
ST-1A
P-2
1.20%
36" RCP
P-1
1.50%
36" RCP
FL EL 934.20
FL EL 933.89
FL EL 934.73
FL EL 932.50
2'
50'
934.73
934.43
933.88
933.51
933.13
932.75
0+00
1+00
2+00


ST-3
FG = 943.25
ST-4
FG = 943.18
P-4
1.01%
15" RCP
FL EL 938.22
FL EL 938.90
938.22
938.47
938.72


ST-7
FG = 943.95
ST-6
FG = 945.43
ST-8
FG = 945.30
P-7
1.05%
24" RCP
P-8
1.10%
15" RCP
FL EL 939.45
FL EL 939.16
FL EL 941.23
FL EL 940.65
939.45
939.19
940.86
941.14


ST-15
FG = 947.81
ST-14
FG = 947.81
P-14
1.00%
15" RCP
FL EL 943.30
FL EL 943.74
943.30
943.55


ST-17
FG = 944.04
ST-16
FG = 944.14
P-16
1.01%
15" RCP
FL EL 940.14
FL EL 939.68
939.68
939.93


ST-18
FG = 939.82
ST-19
FG = 939.82
ST-18A
P-18
1.85%
15" RCP
P-19
1.01%
15" RCP
FL EL 934.30
FL EL 935.04
FL EL 935.75
FL EL 935.40
934.30
934.76
935.47
935.72

CROSS SECTION VIEW COLOR LEGEND

Design Color No.	Feature
Aggregate	
(64)	Choke Stone
(42)	Engineering Fabric
(8)	Flooded Backfill
(92)	Macadam Stone
(20)	Modified
(12)	Plowing Shaping
(14)	Porous Backfill
(8)	Revetment Class A
(6)	Revetment Class B
(62)	Revetment Class C
(188)	Revetment Class D
(28)	Revetment Class E
(12)	Shoulder Special Backfill
(12)	Special Backfill
(20)	Subbase
(20)	Subbase Lower
(20)	Subbase Upper
(118)	Subgrade Treatment
Asphalt	
(207)	HMA Base Course
(207)	HMA Interim Course
(207)	HMA Surface Course
Bridge	
(0)	Bridge
Concrete	
(0)	Barrier Concrete
(0)	Barrier Concrete Footing
(0)	Curb Gutter
(48)	Flowable Mortar
(0)	Median Concrete
(0)	PCC Pavement
(0)	Sidewalk
Existing	
(0)	Existing Pavement
Shoulder	
(209)	Shoulder HMA
(0)	Shoulder PCC
(6)	Shoulder Granular
Structural	
(112)	Noise Wall
(112)	Noise Wall Footing
(112)	Retaining Wall Back
(112)	Retaining Wall Back Excavate
(112)	Retaining Wall Face
(112)	Retaining Wall Front Excavate
(112)	Retaining Wall Front Footing
(112)	Retaining Wall MSE Gutter
(112)	Retaining Wall Reinforced Earth

Design Color No.	Feature
Grading	
(8)	Behind Curb Cut
(6)	Granular
(13)	Granular Back Fill
(48)	Rock Undercut
(8)	Shoulder Earth Fill
(2)	Side Slopes
(226)	Side Slopes Dressing
Substrata	
(128)	Boulder
(209)	Boulder Removed
(48)	Broken Weathered
(210)	Broken Weathered Removed
(3)	Core Out
(115)	Core Out Remove Only
(195)	Core Out Remove and Replace
(203)	Existing Pavement
(184)	Existing Pavement Remove Only
(200)	Existing Pavement Remove and Replace
(6)	Loam
(211)	Loam Removed
(80)	Rock
(212)	Rock Removed
(4)	Select Sand
(214)	Select Sand Removed
(3)	Shale
(215)	Shale Removed
(10)	Topsoil
(2)	Topsoil Remove Only
(4)	Topsoil Remove and Replace
Unsuitable / Waste	
(3)	Unsuitable Type A
(216)	Unsuitable Type A Removed
(13)	Unsuitable Type B
(217)	Unsuitable Type B Removed
(11)	Unsuitable Type C
(218)	Unsuitable Type C Removed
(3)	Waste
(219)	Waste Removed

NOTES:

Text

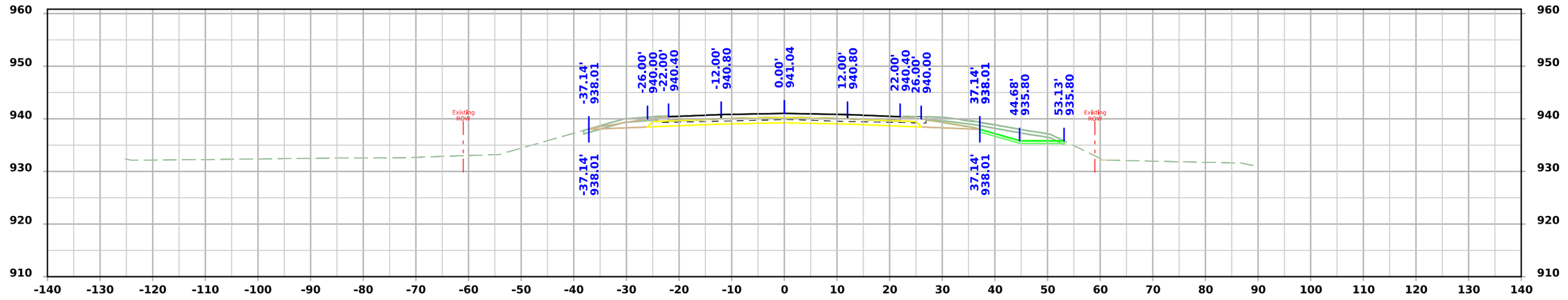
NOTES:

Text

CROSS SECTIONS
LEGEND AND INFORMATION SHEET

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

ML - US69



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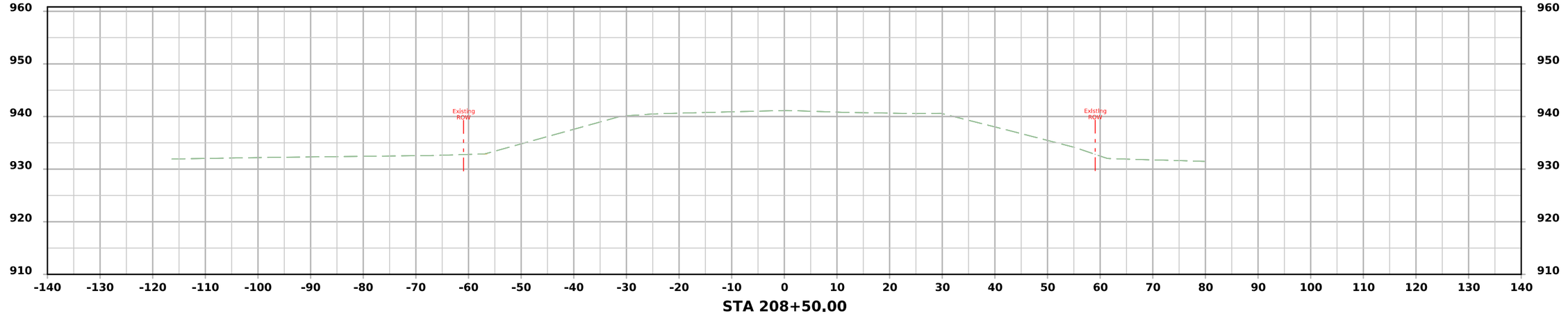

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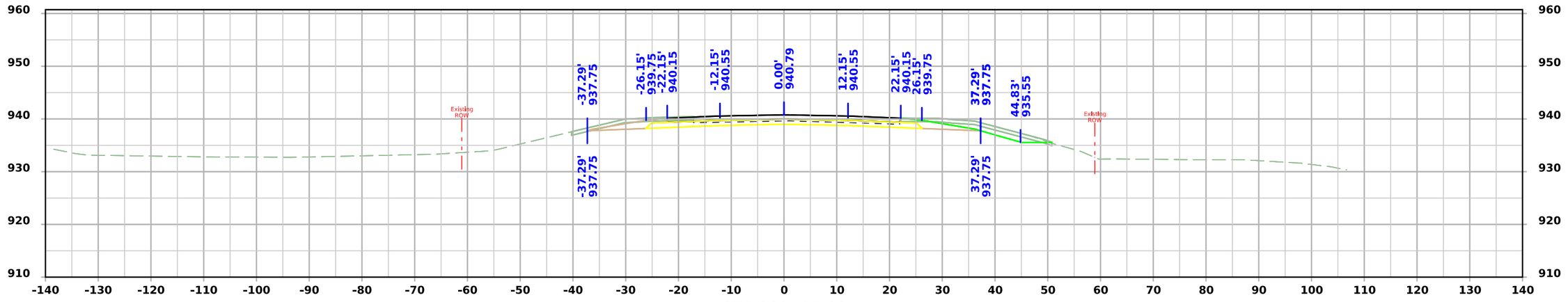

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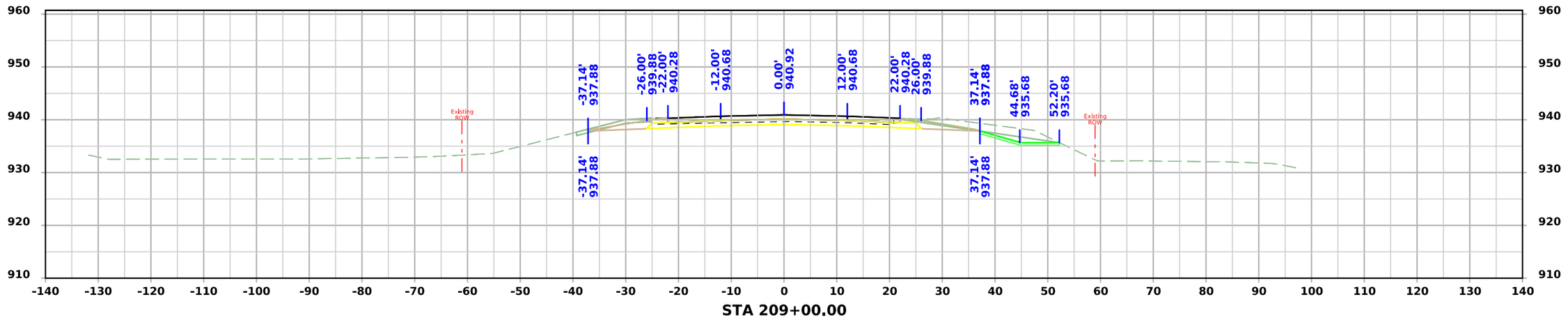

STA 209+00.00

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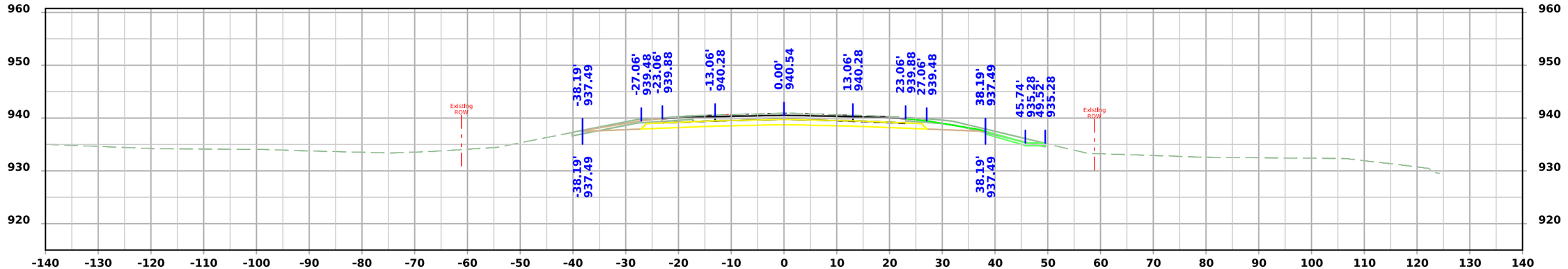
ML - US69



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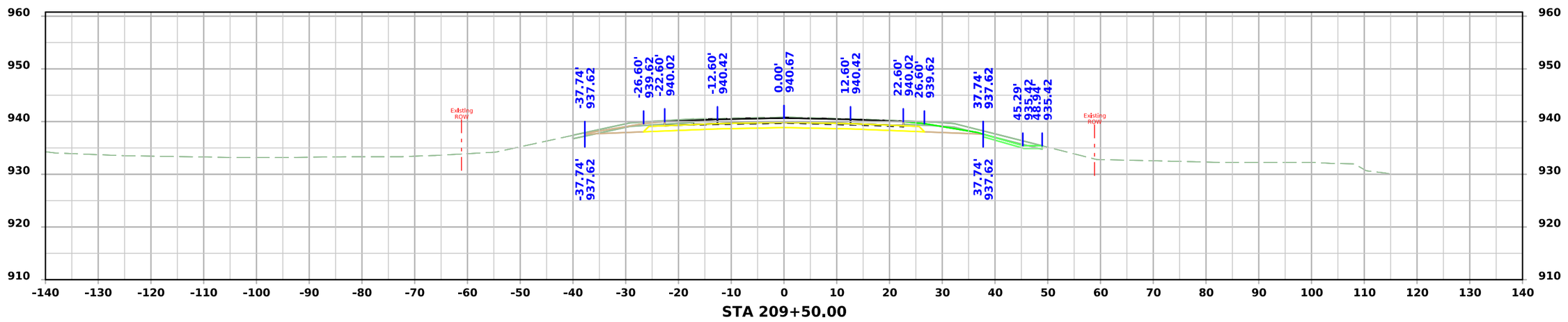

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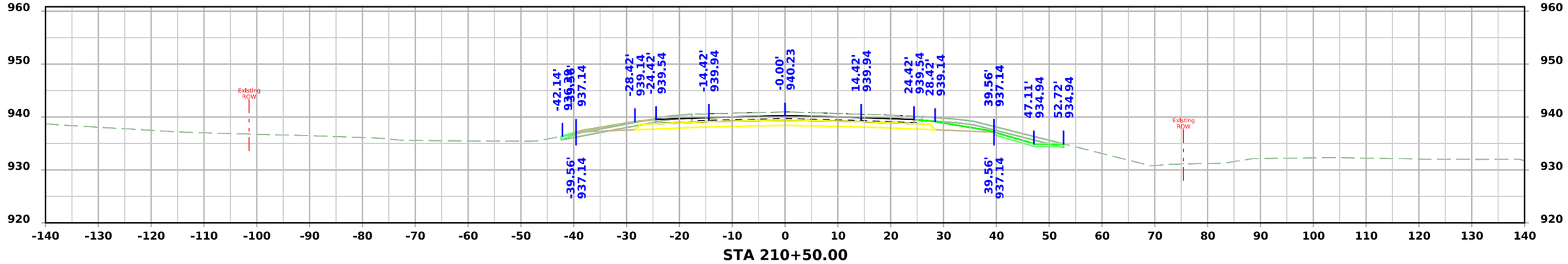
ML - US69



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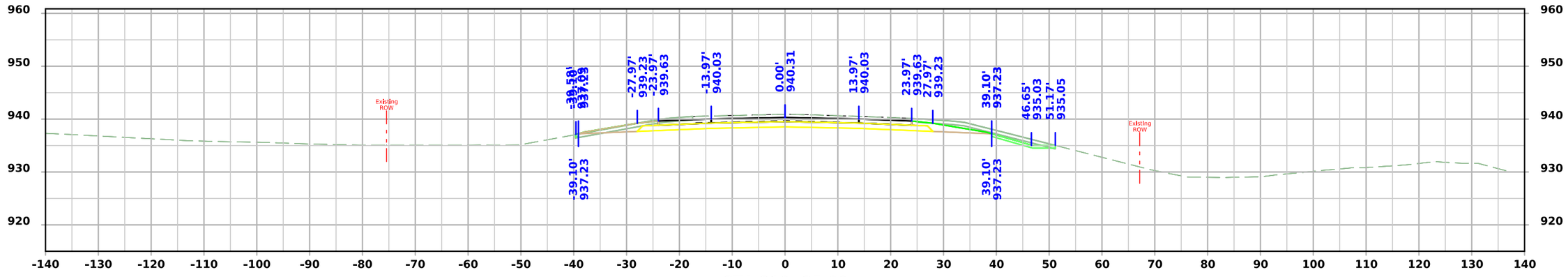

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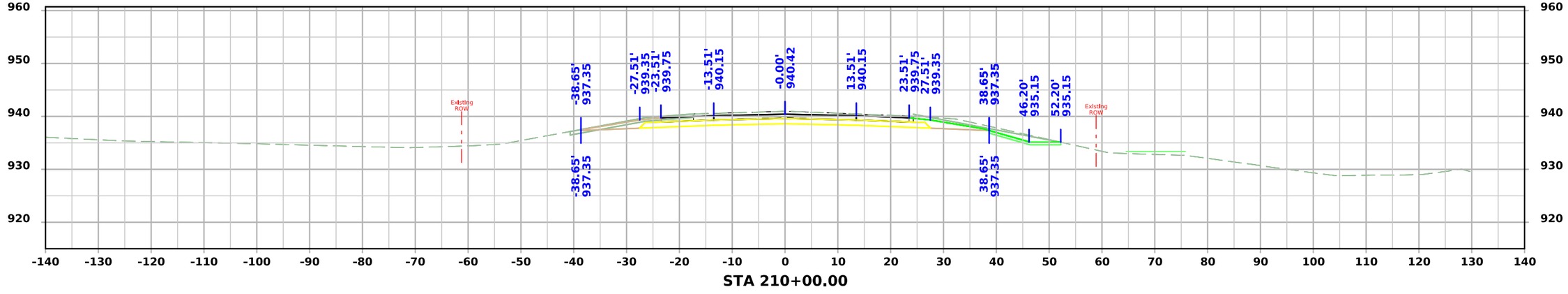

STA 210+00.00

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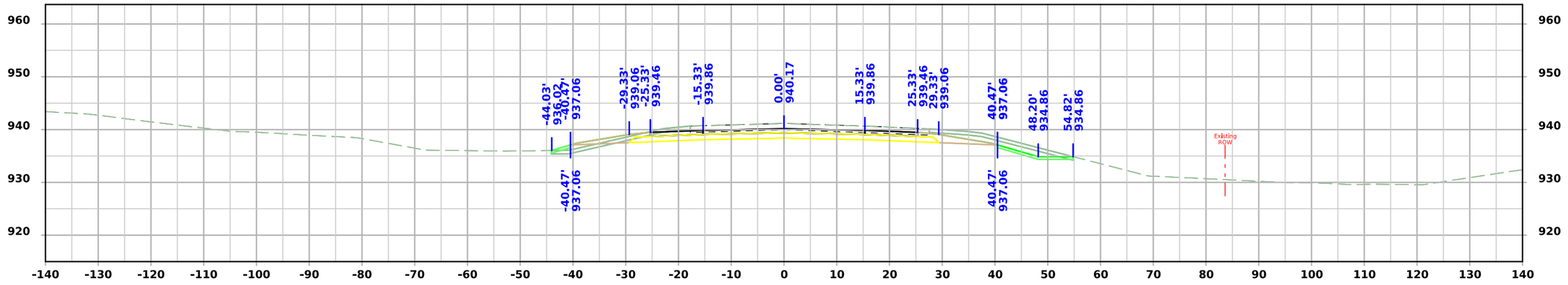
ML - US69



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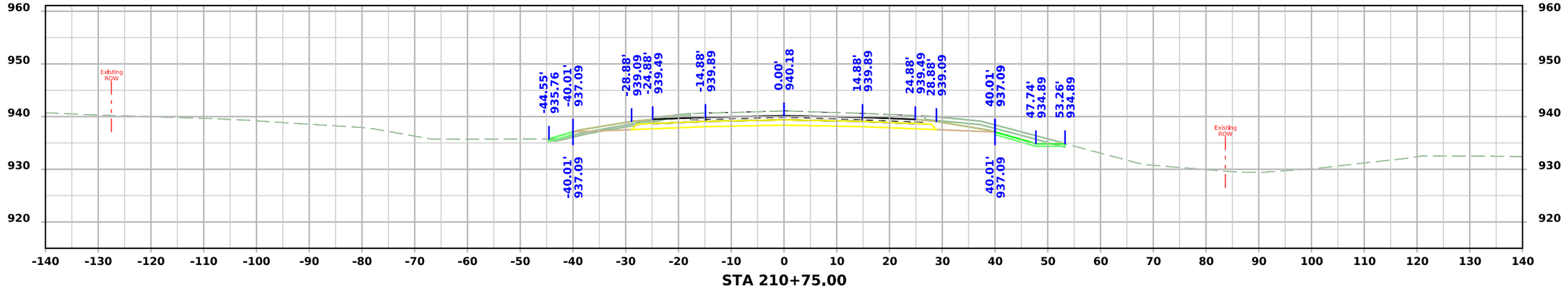

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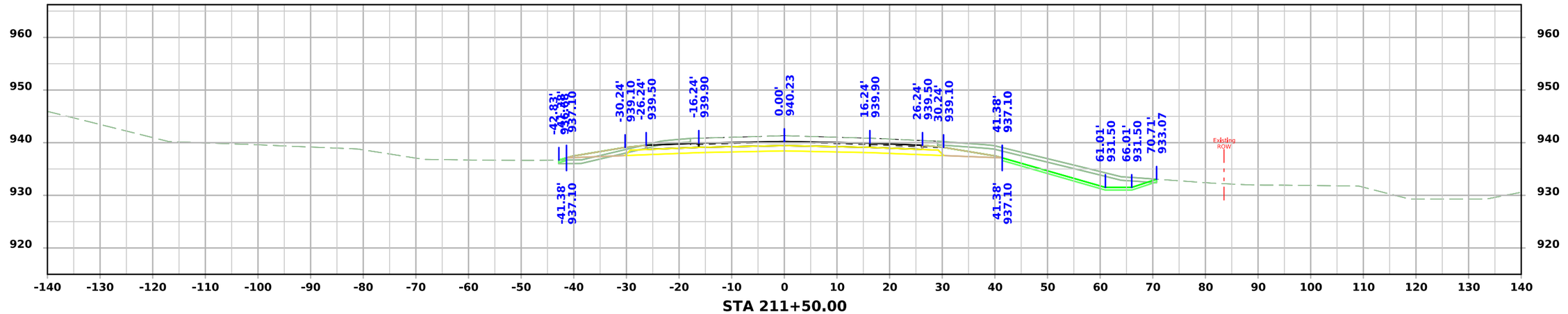
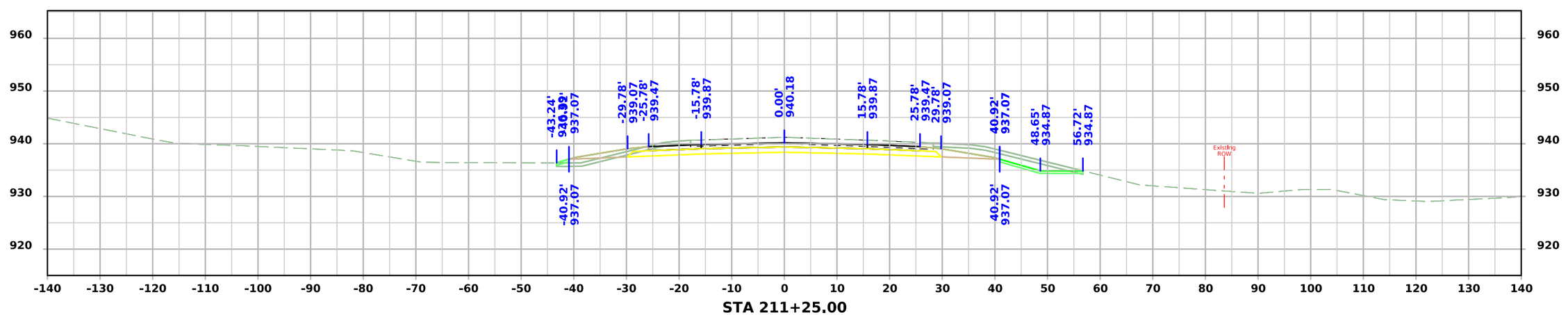
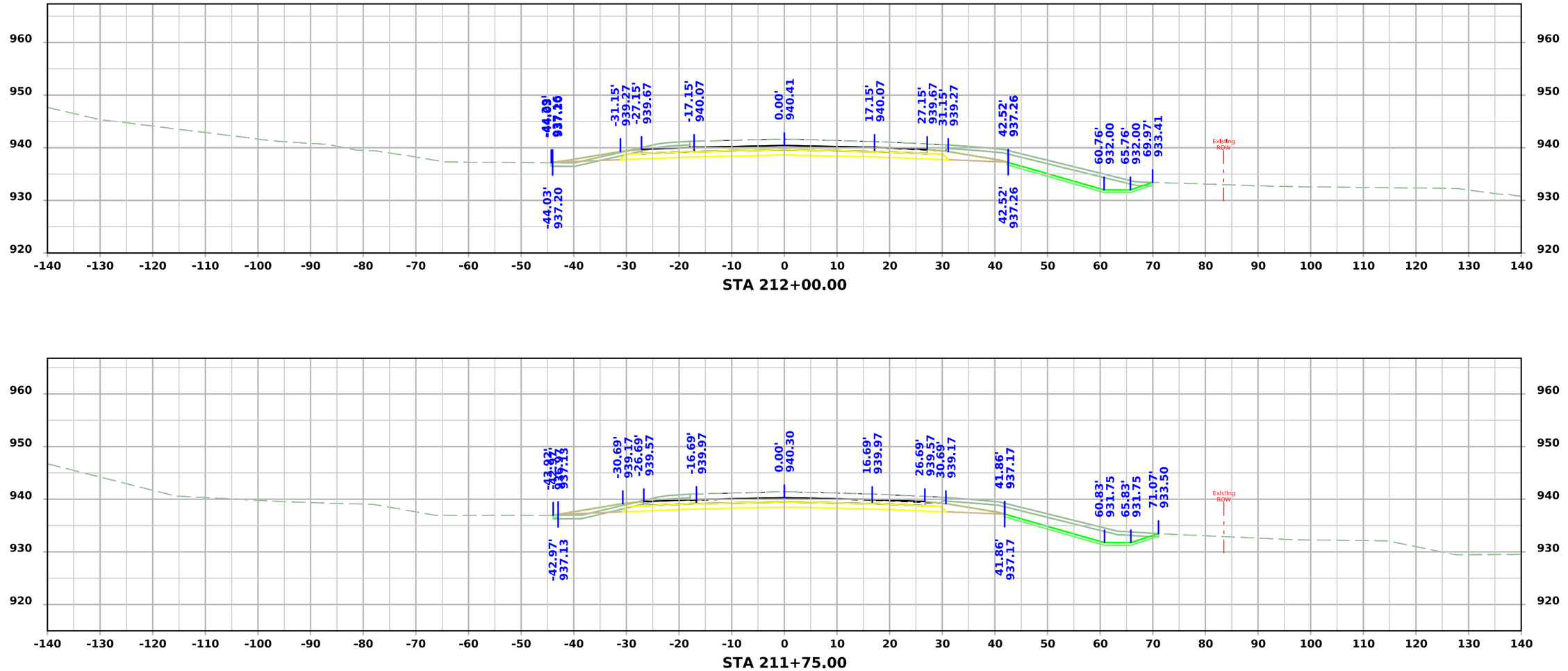




FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.7

1:42:50 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

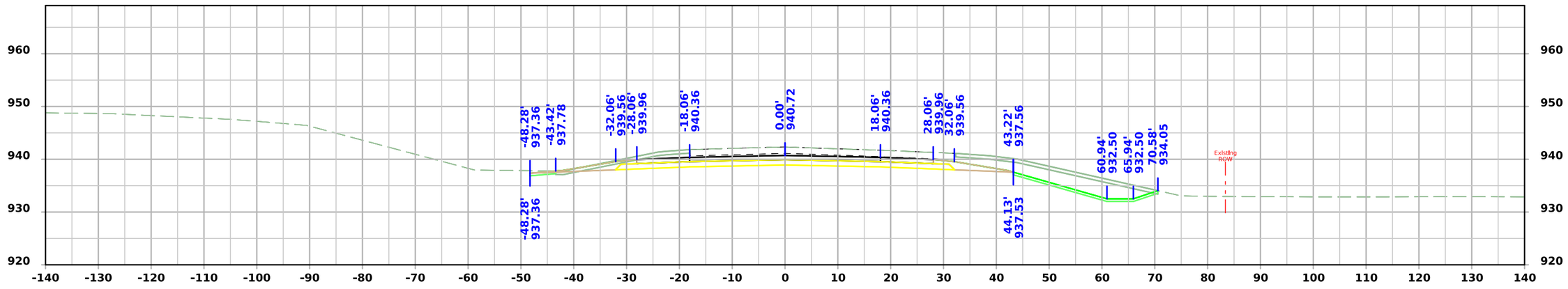
ML - US69



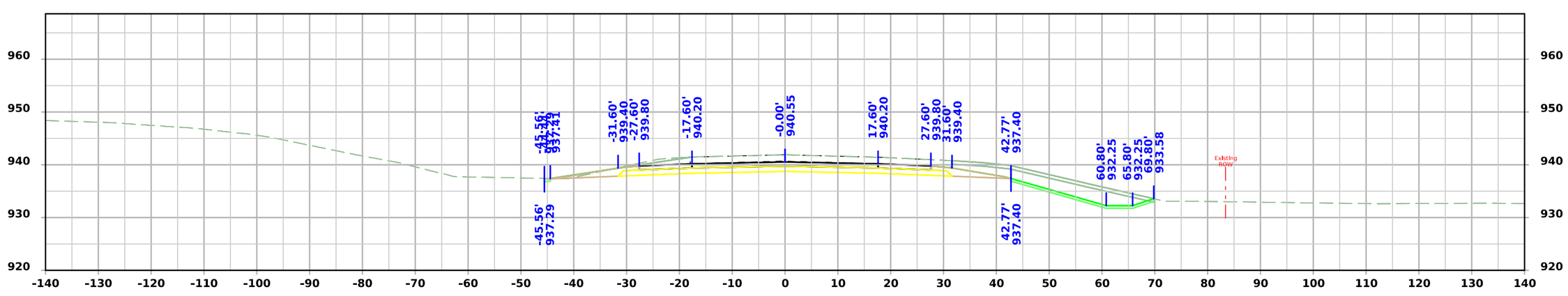
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.8

1:42:51 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



STA 212+50.00



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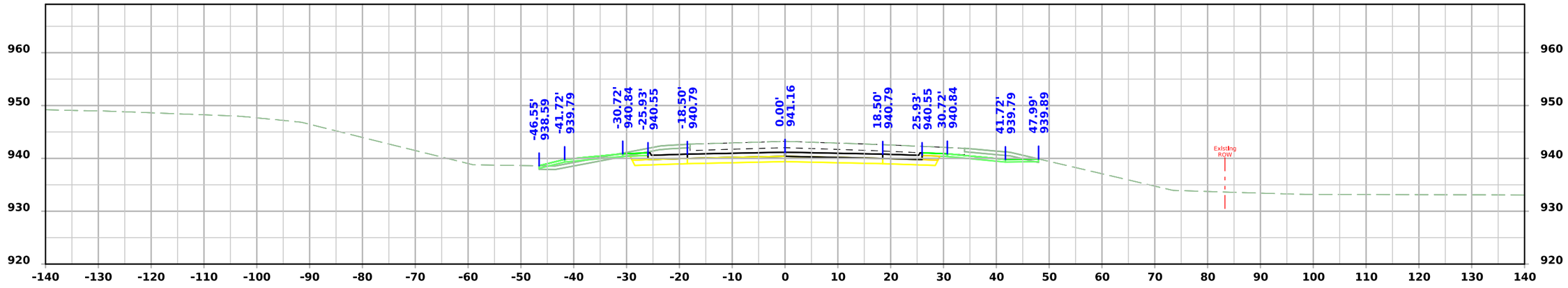
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.9

1:42:53 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



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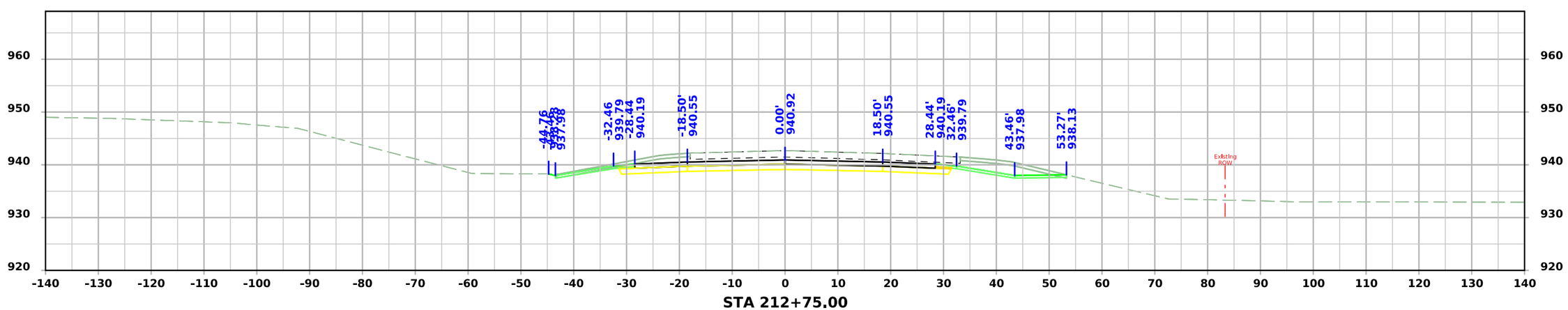
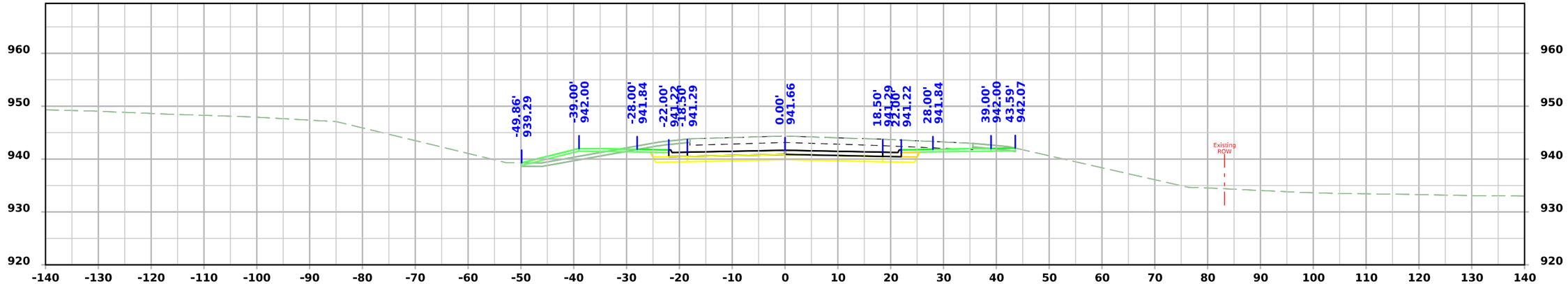


STA 212+75.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.10

1:42:54 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



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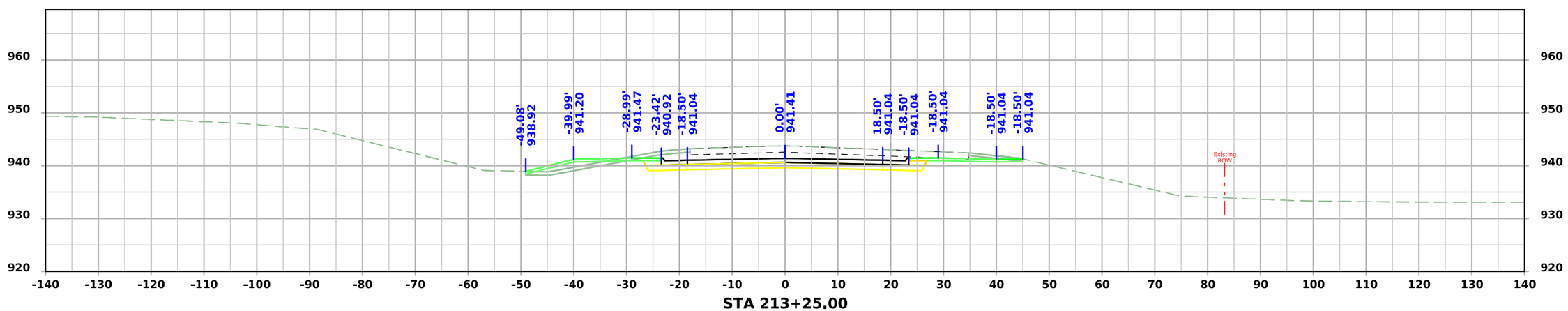
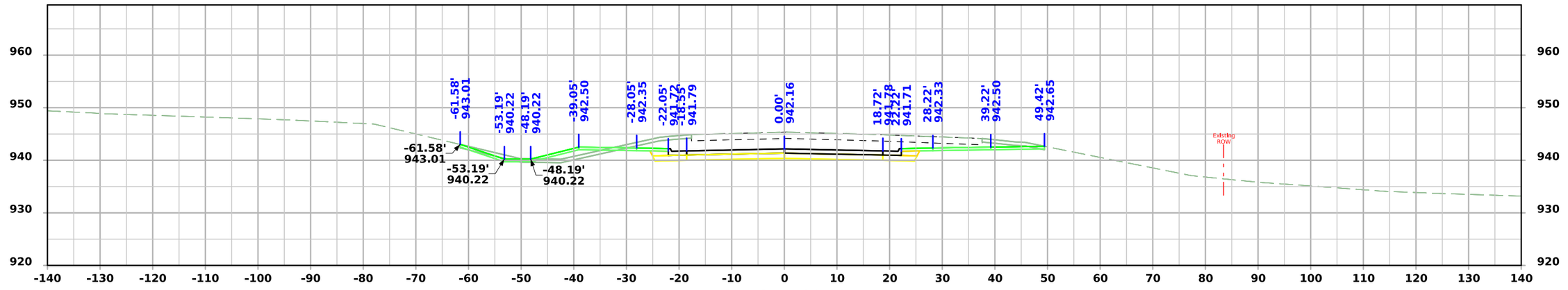


STA 213+25.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.11

1:42:56 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



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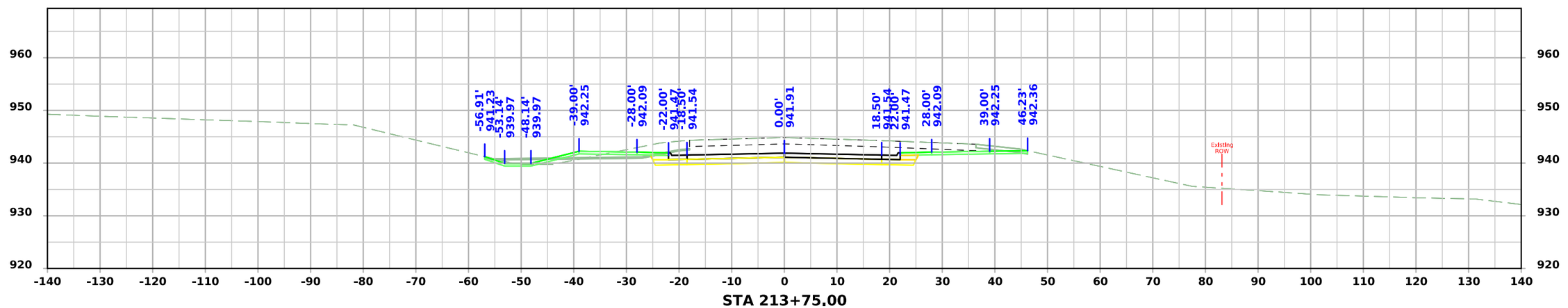

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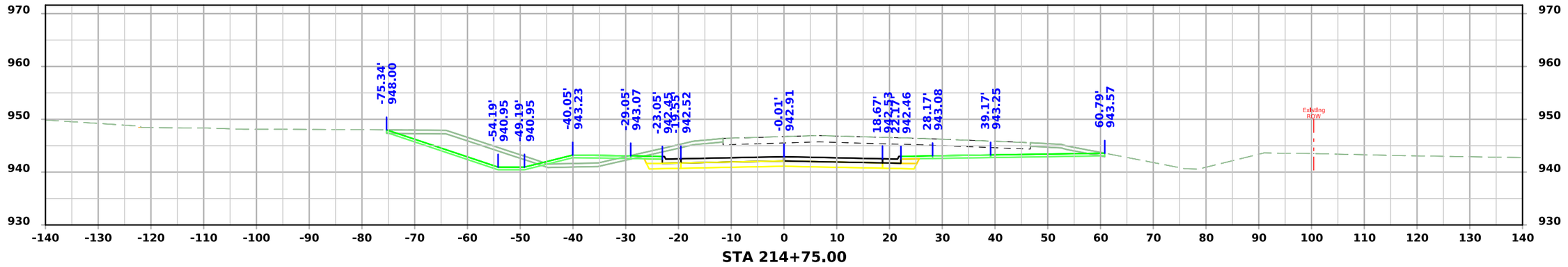
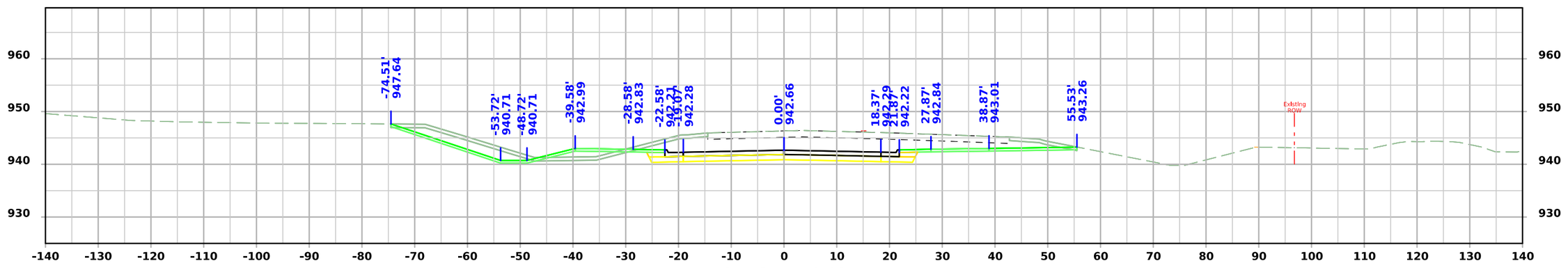
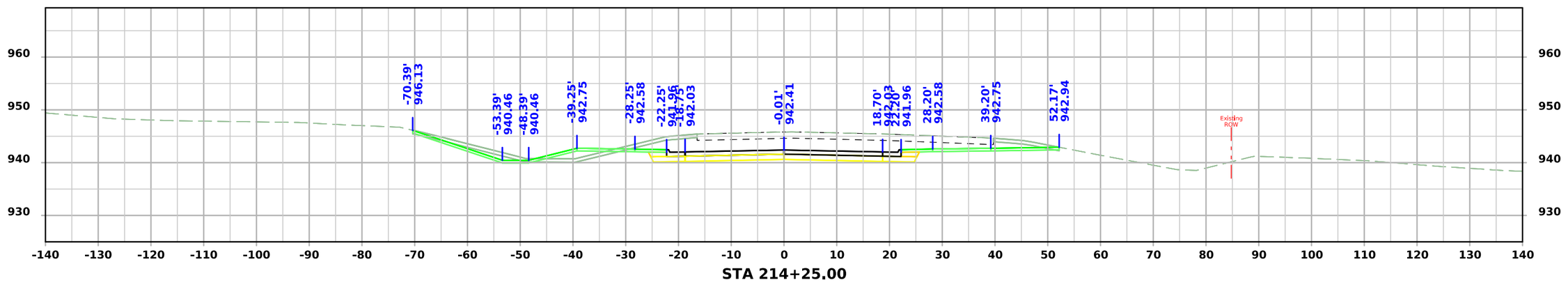
1:42:58 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



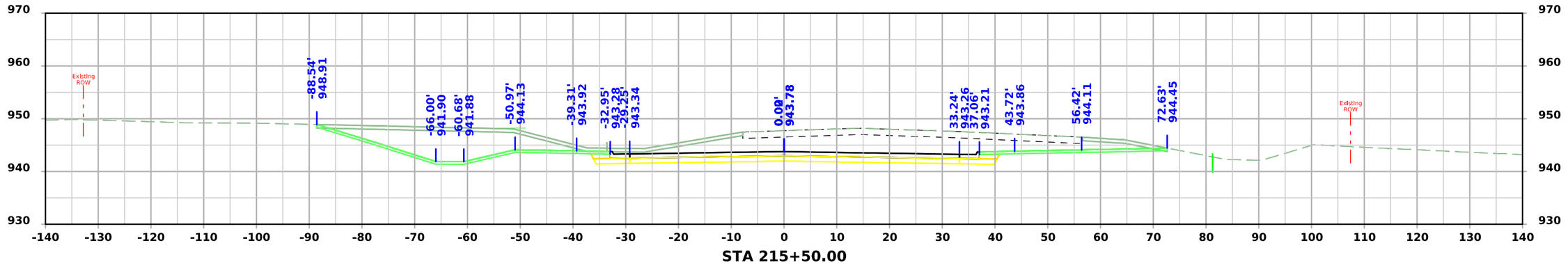




FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.13

1:43:00 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



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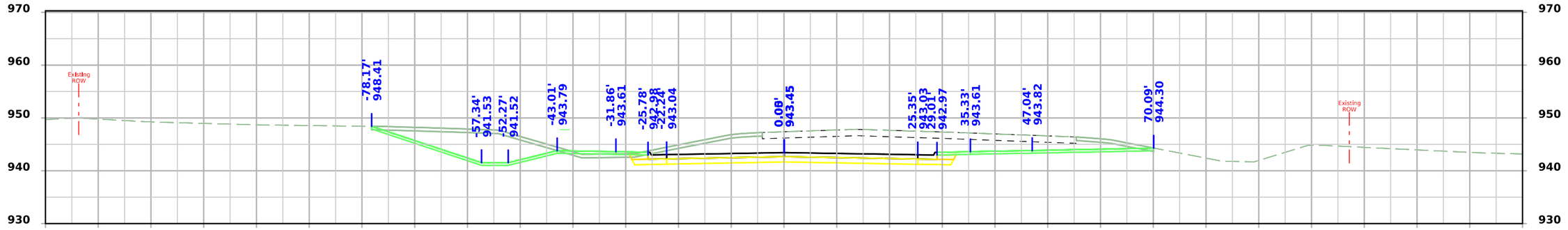

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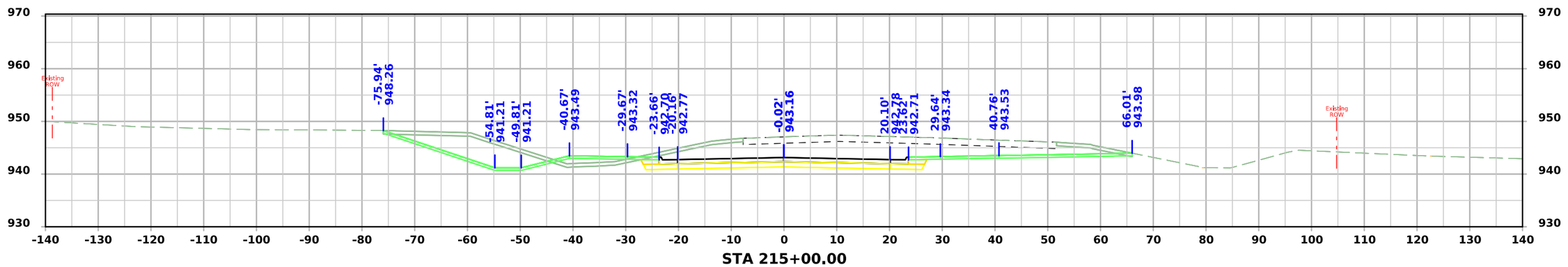

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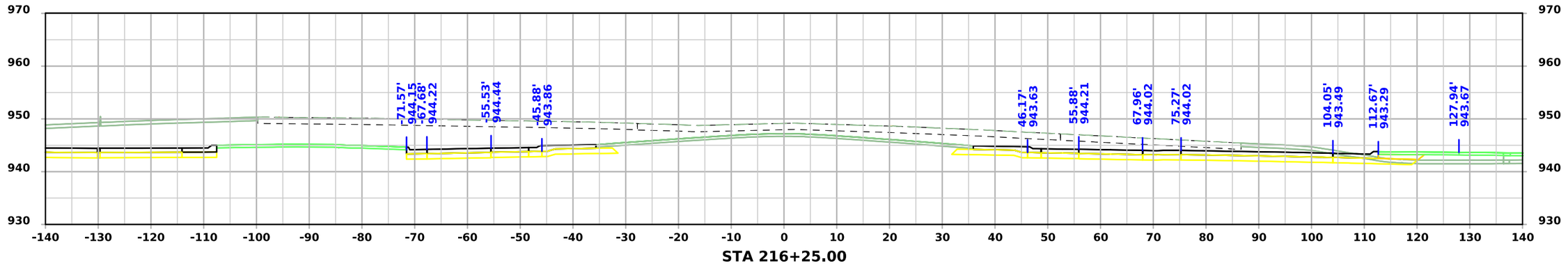
ML - US69



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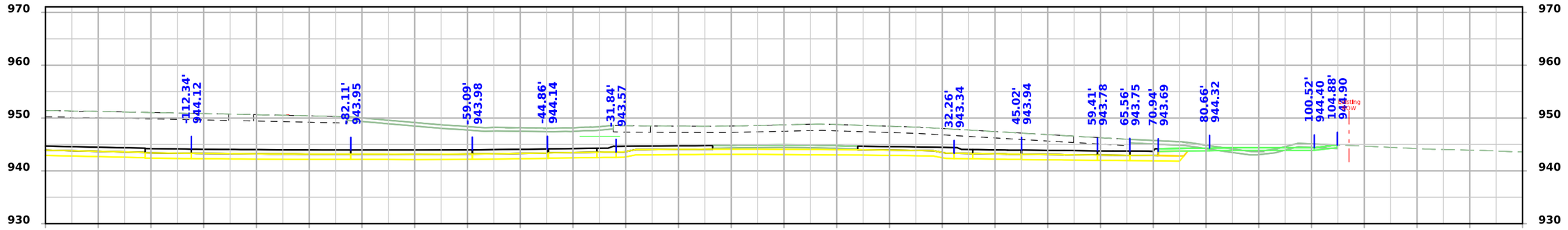

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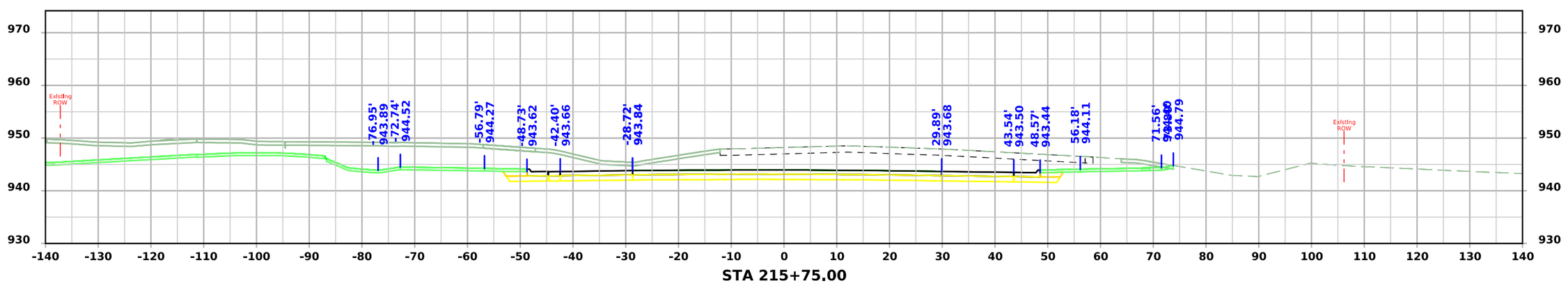

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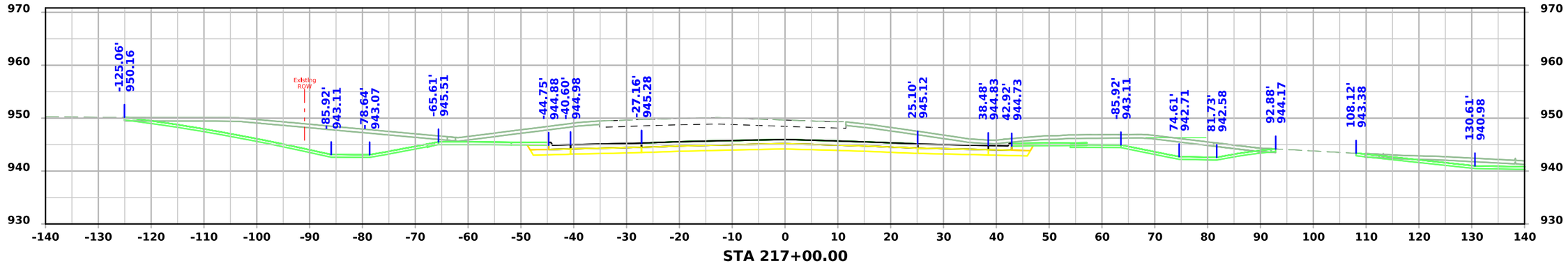
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.15

1:43:07 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



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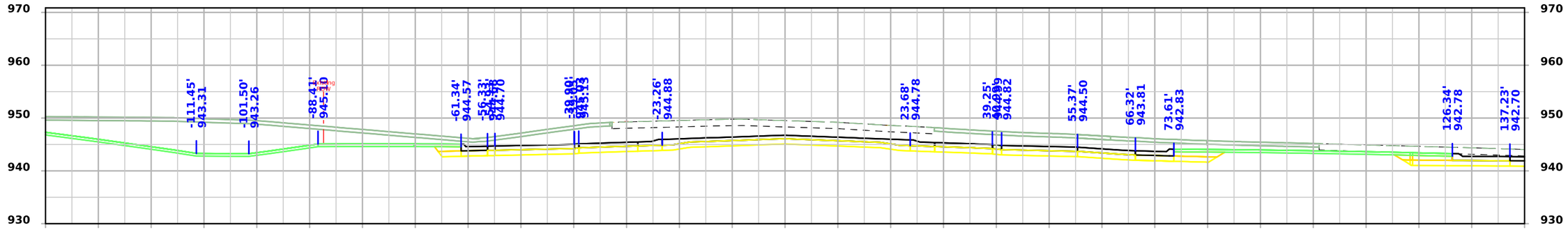

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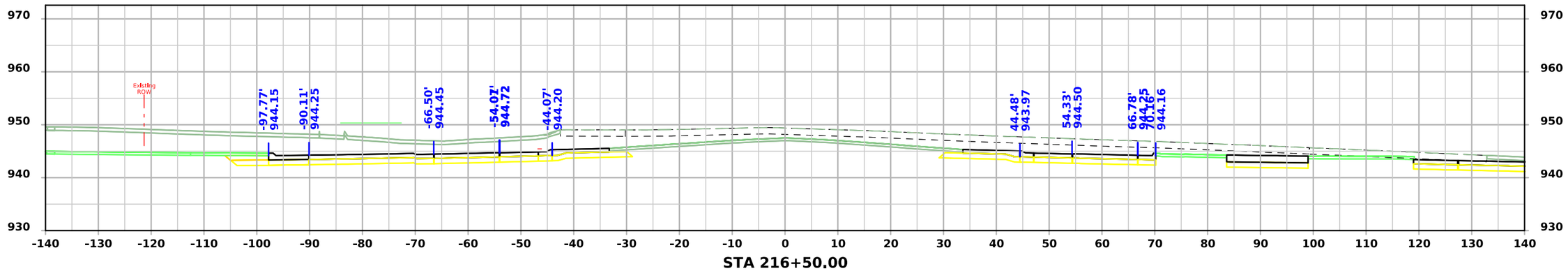

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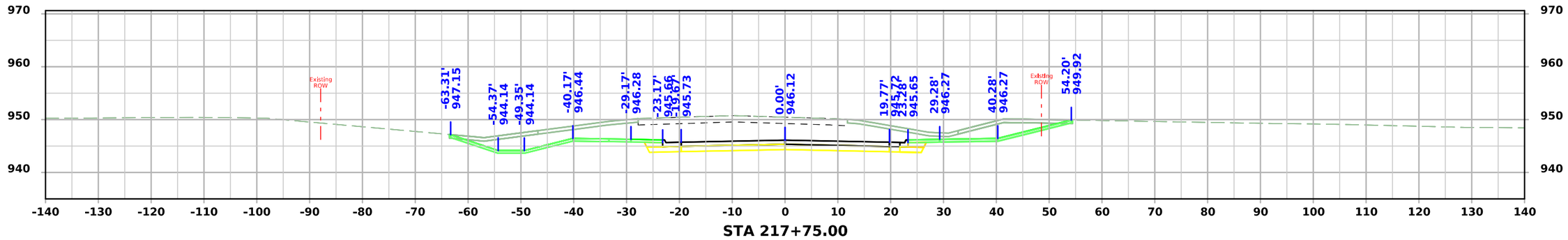
1:43:10 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



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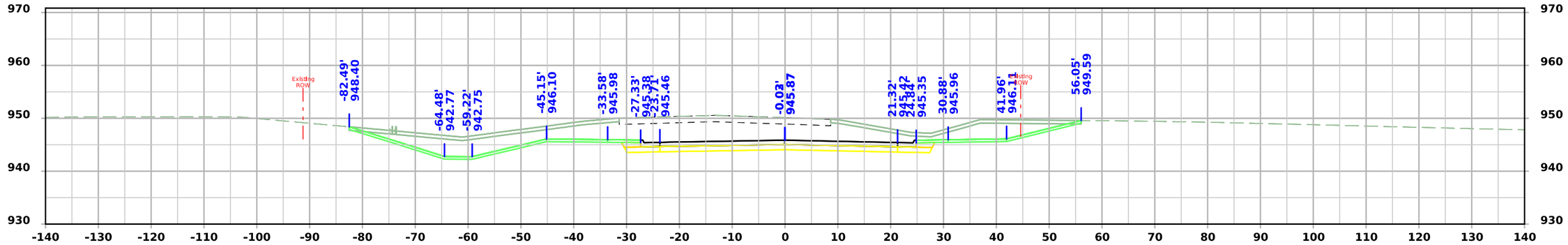

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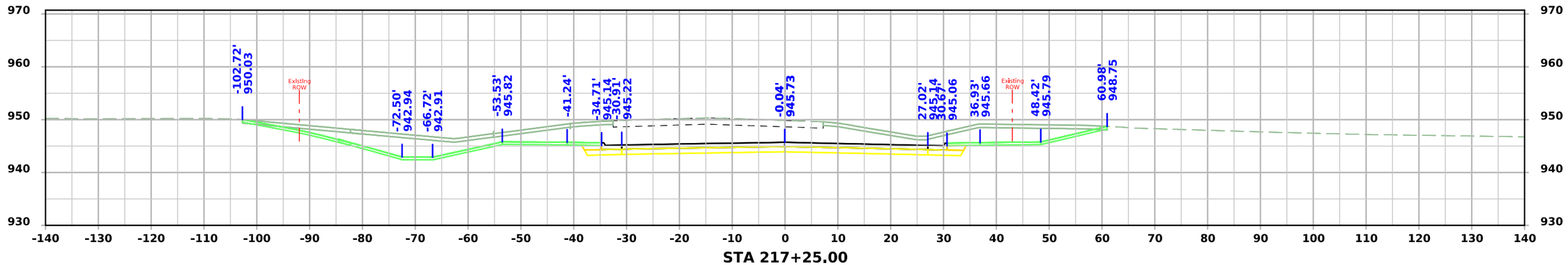

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FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.17

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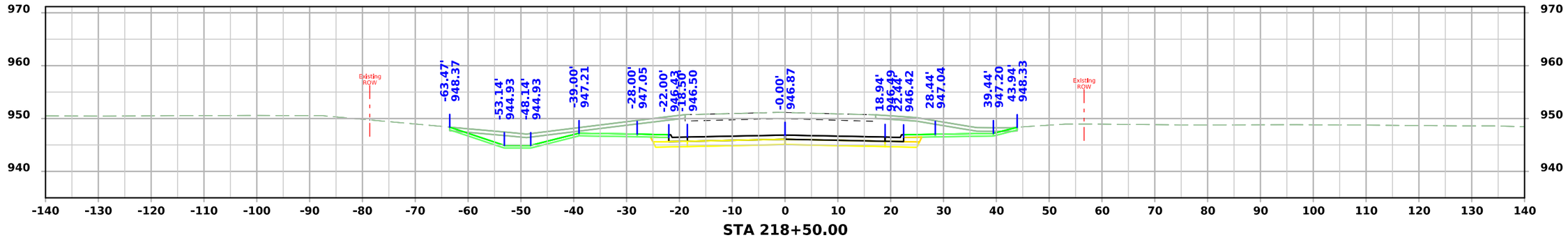
ML - US69



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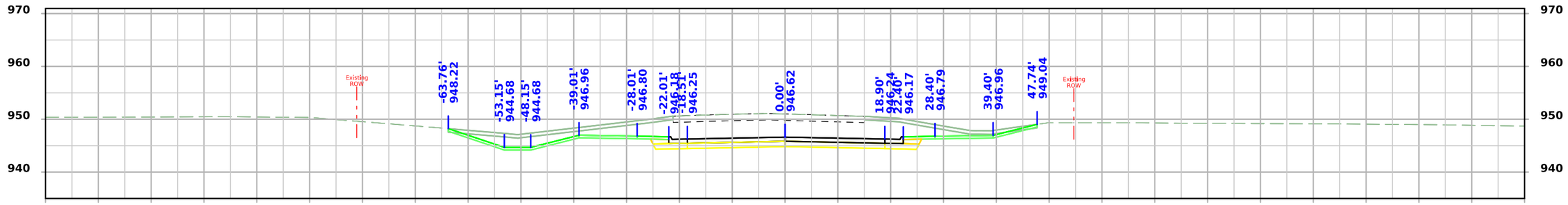

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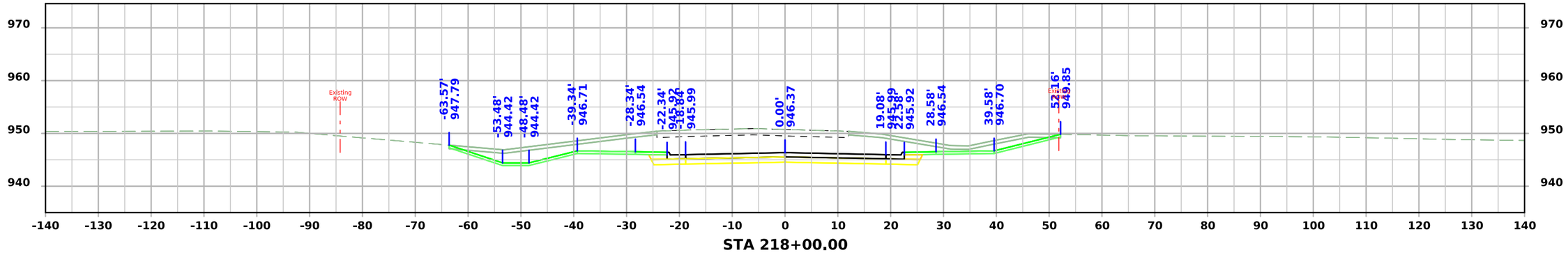

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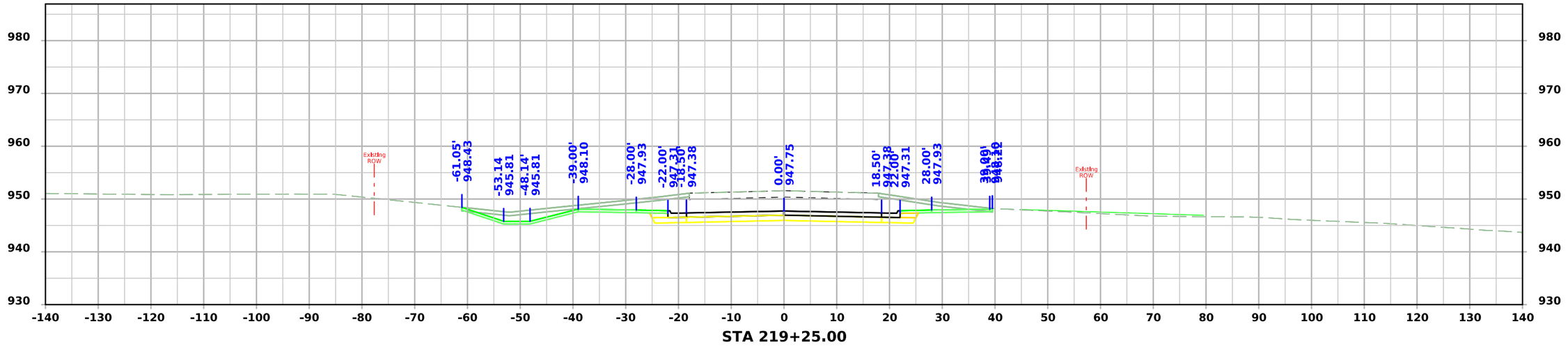
ML - US69



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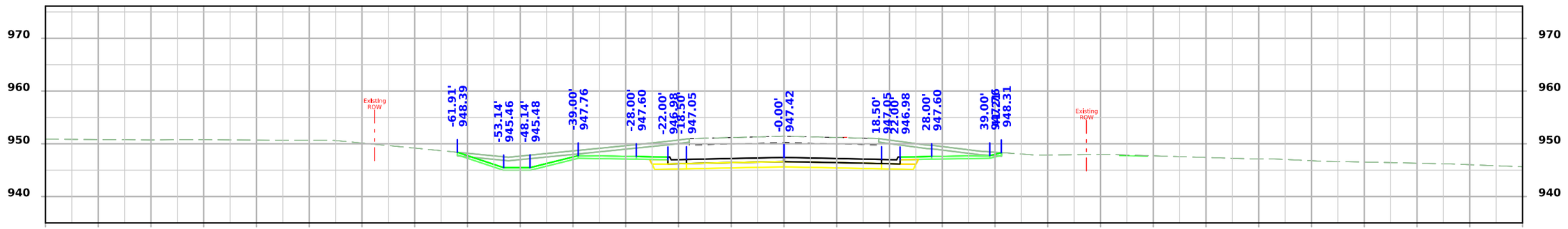

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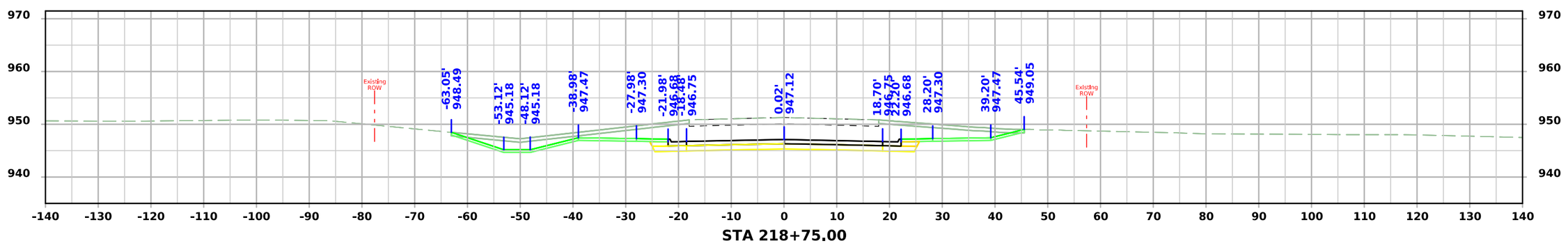

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FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.19

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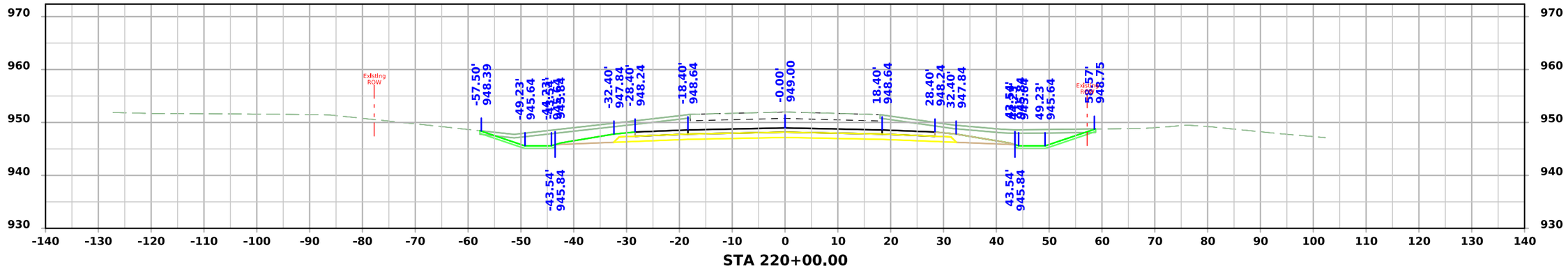
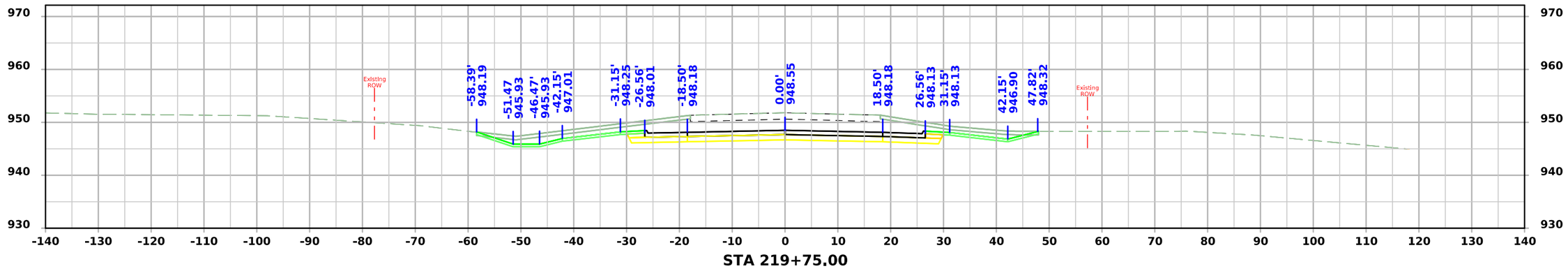
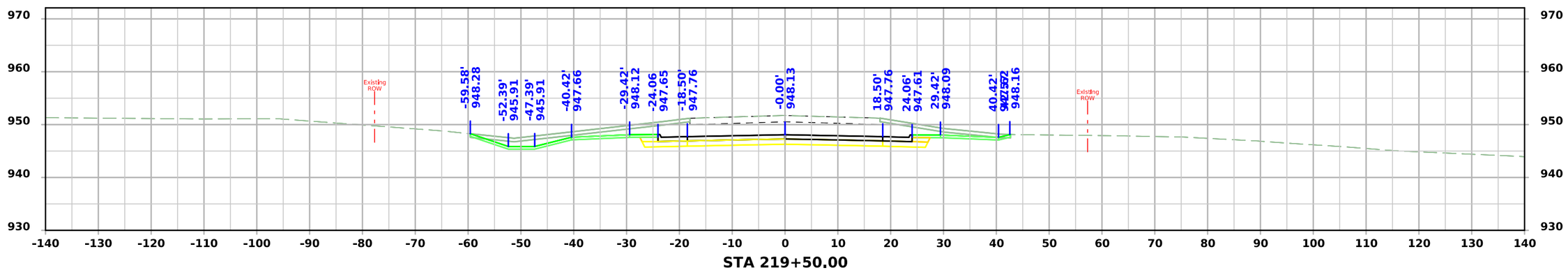
ML - US69







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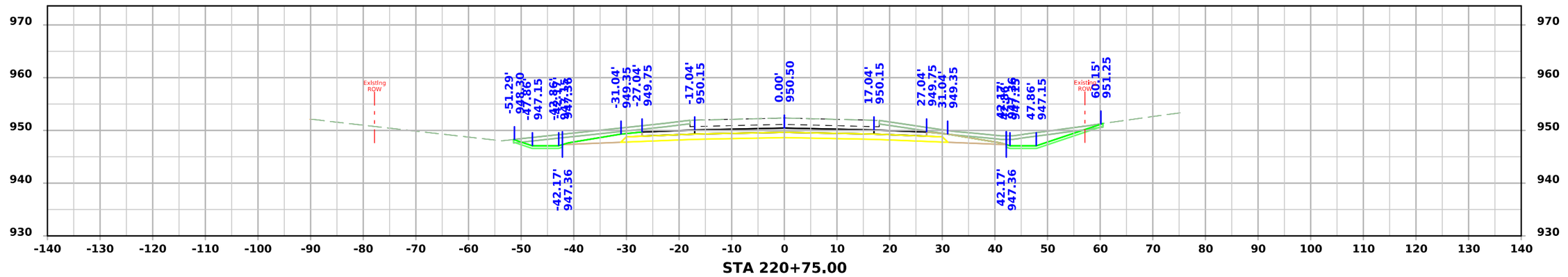

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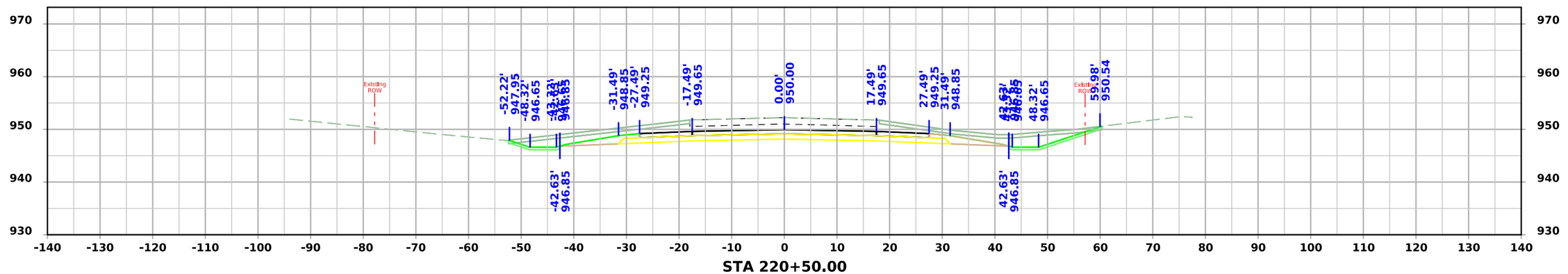

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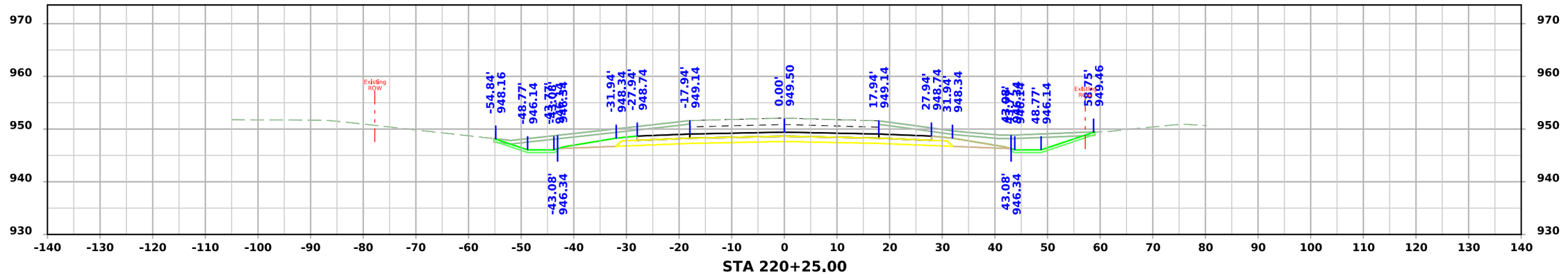
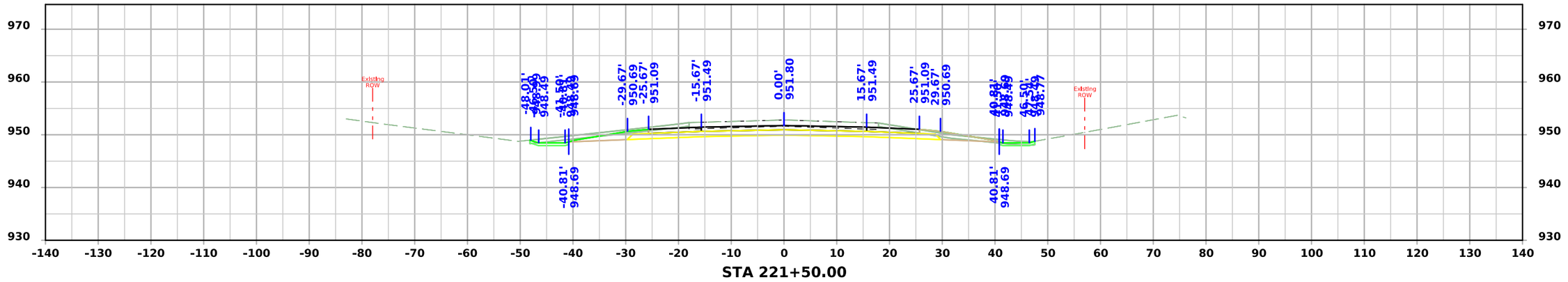


STA 220+25.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.21

1:43:20 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



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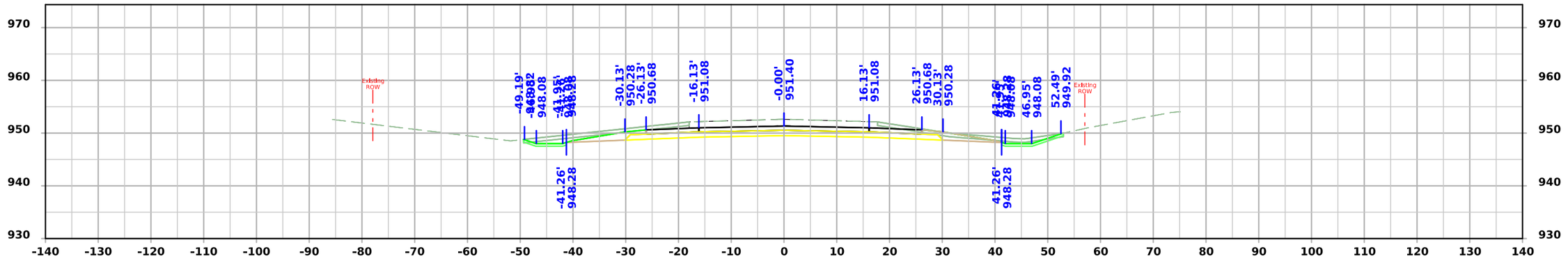

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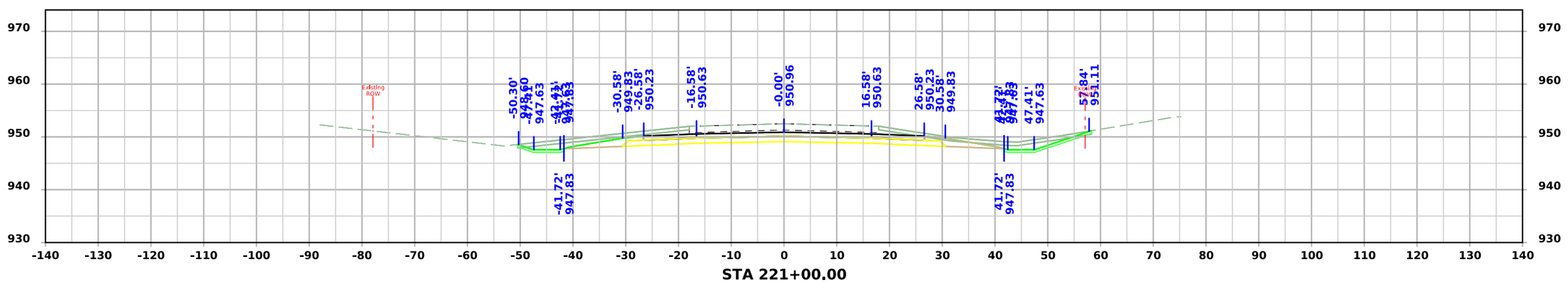

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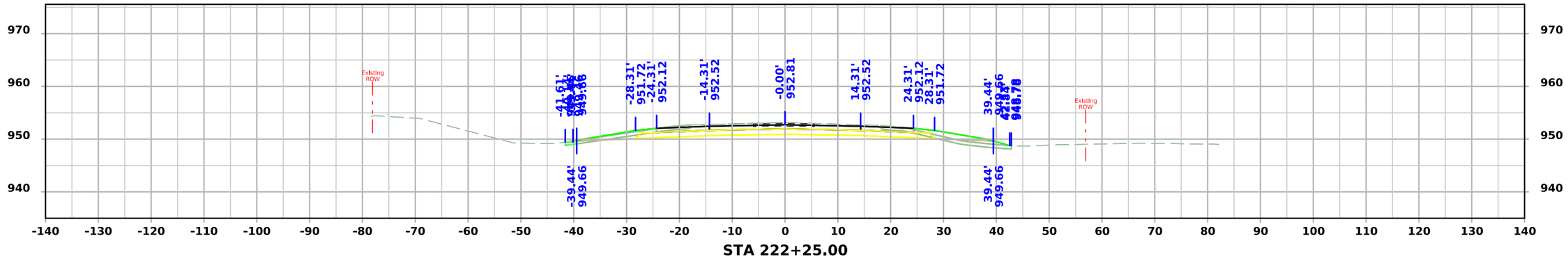
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.22

1:43:22 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69



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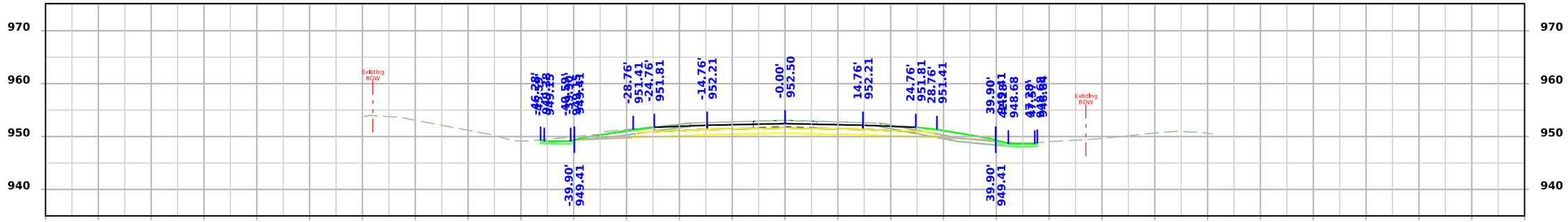

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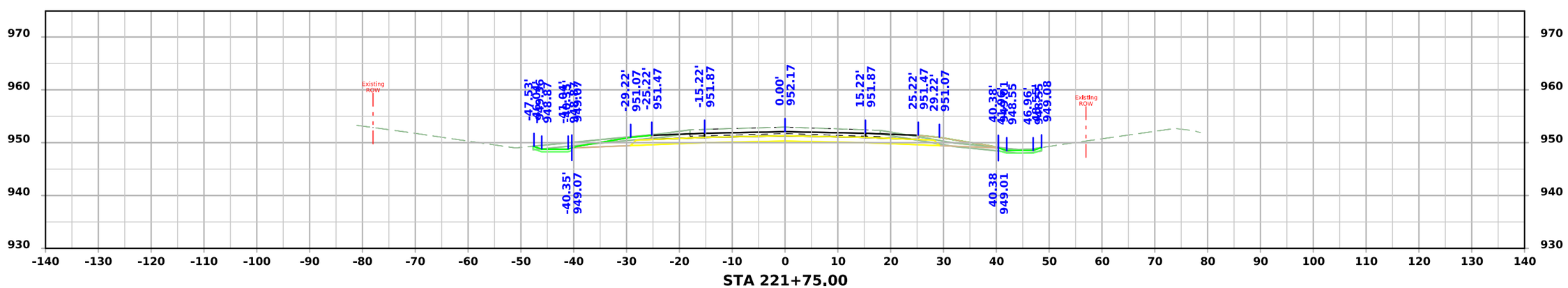

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FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.23

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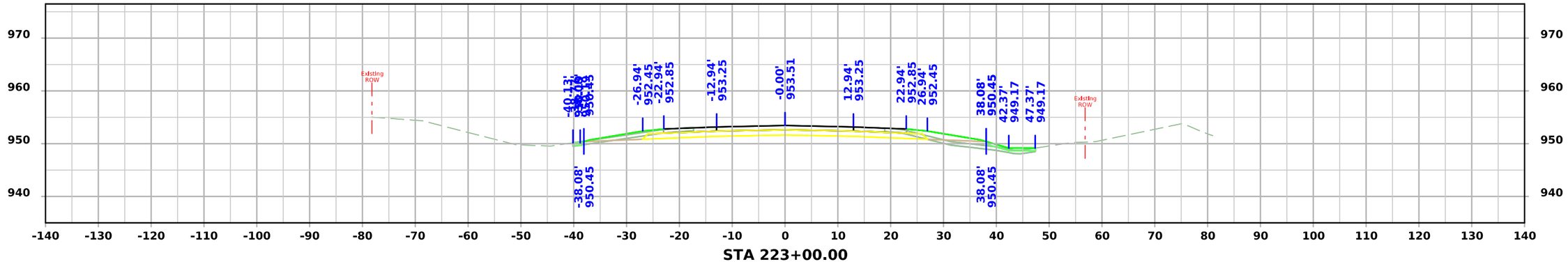
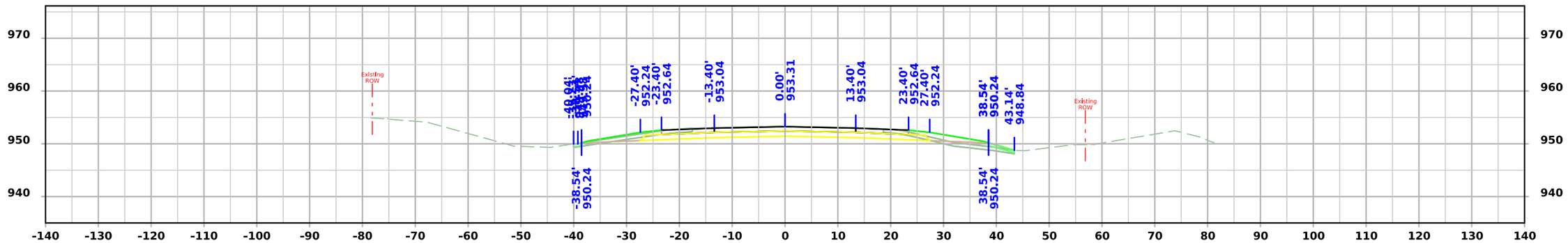
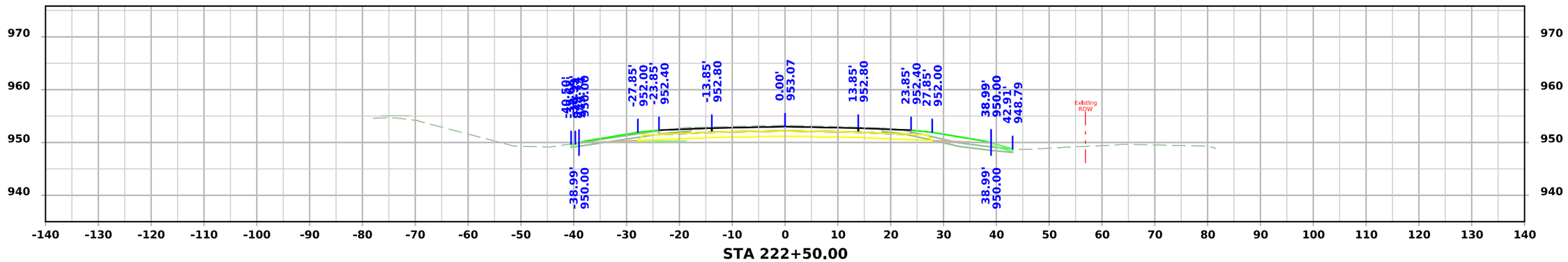
ML - US69



STA 223+00.00



STA 222+75.00

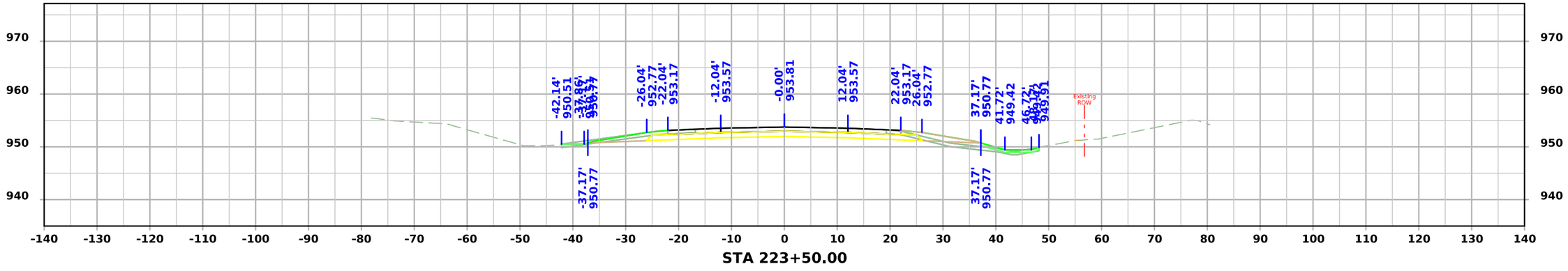


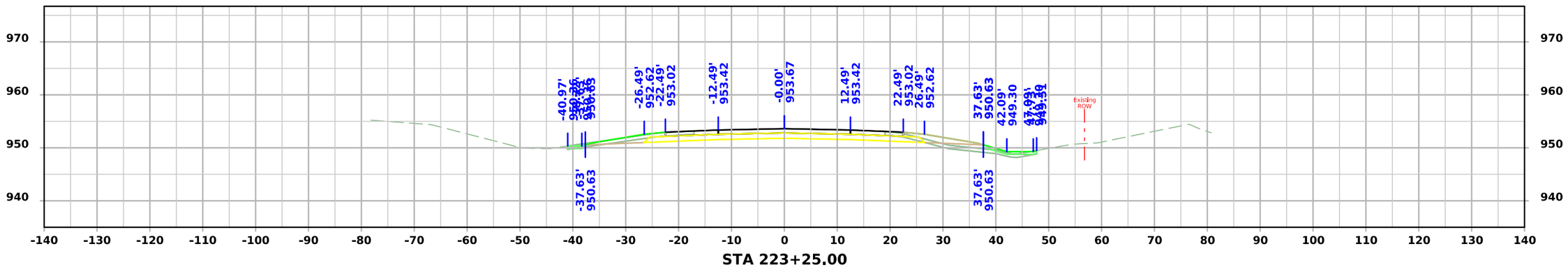
STA 222+50.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.24

1:43:25 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

ML - US69

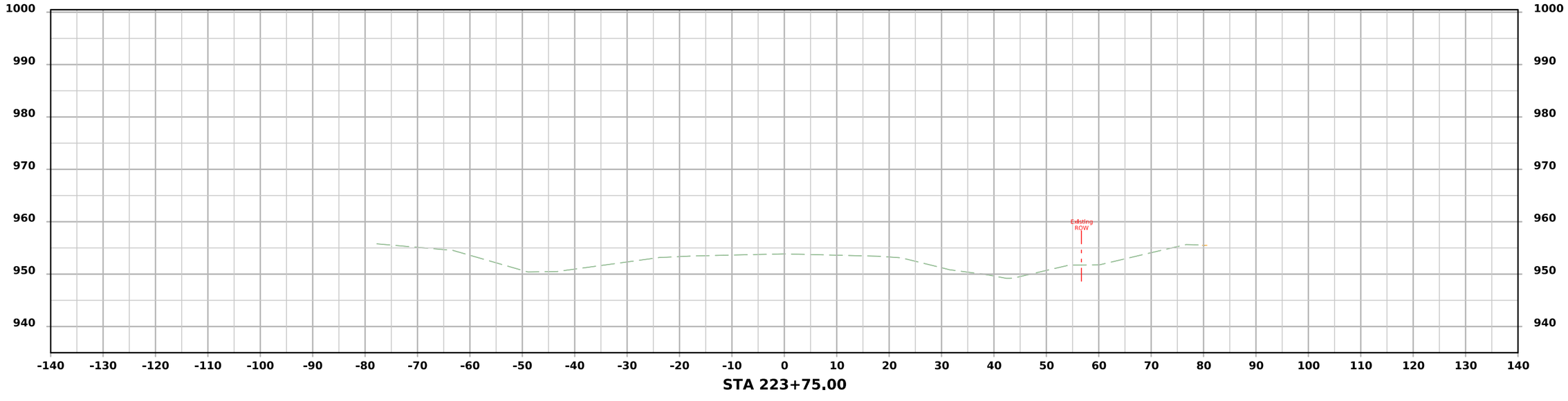




FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.25

1:43:26 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

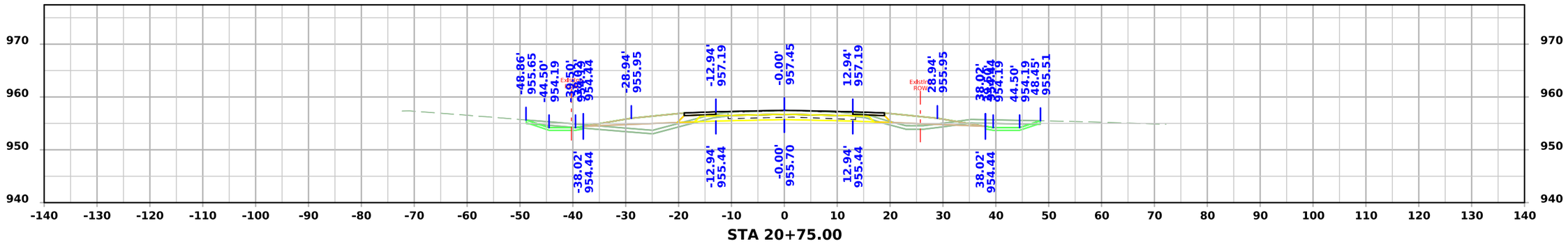
ML - US69



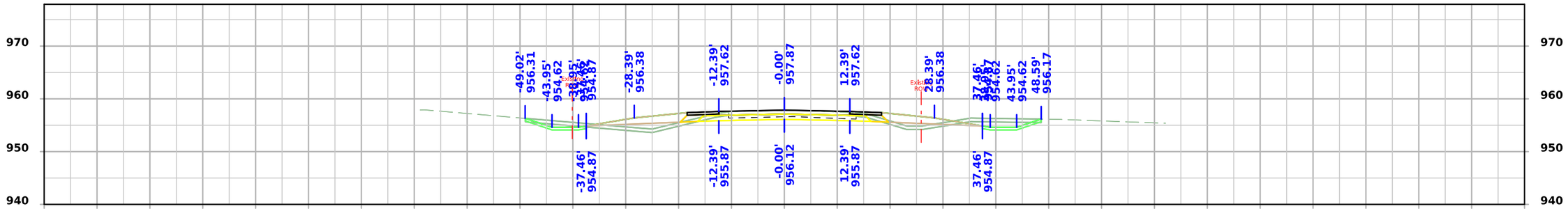
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER W.26	

1:43:27 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_W2.dgn

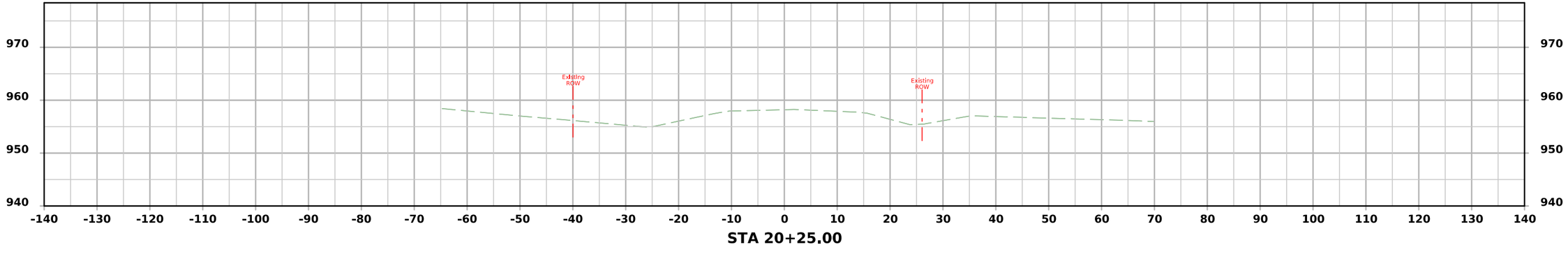
SR - NE 126TH AVENUE



STA 20+75.00



STA 20+50.00

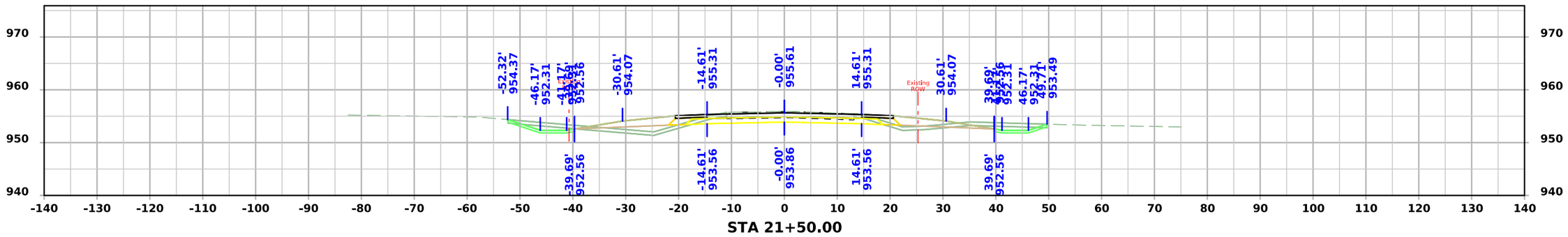


STA 20+25.00

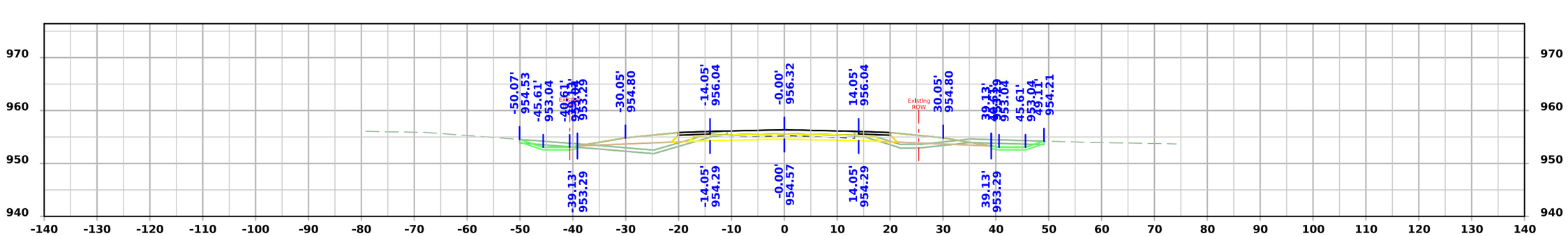
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.1

1:43:35 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

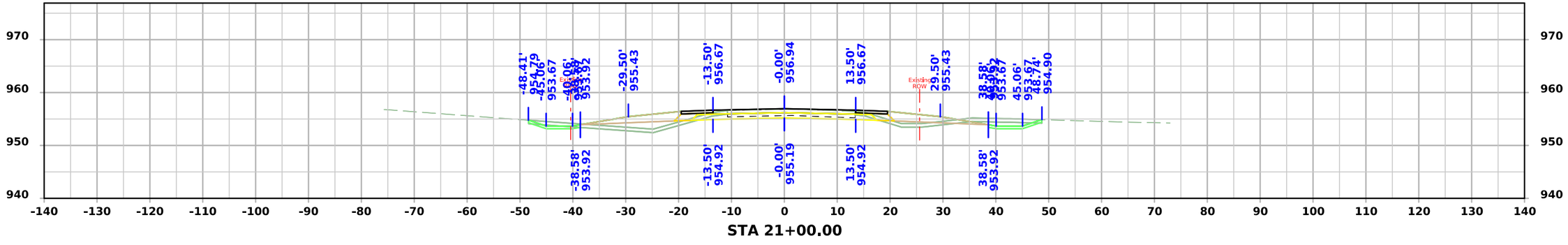
SR - NE 126TH AVENUE



STA 21+50.00



STA 21+25.00

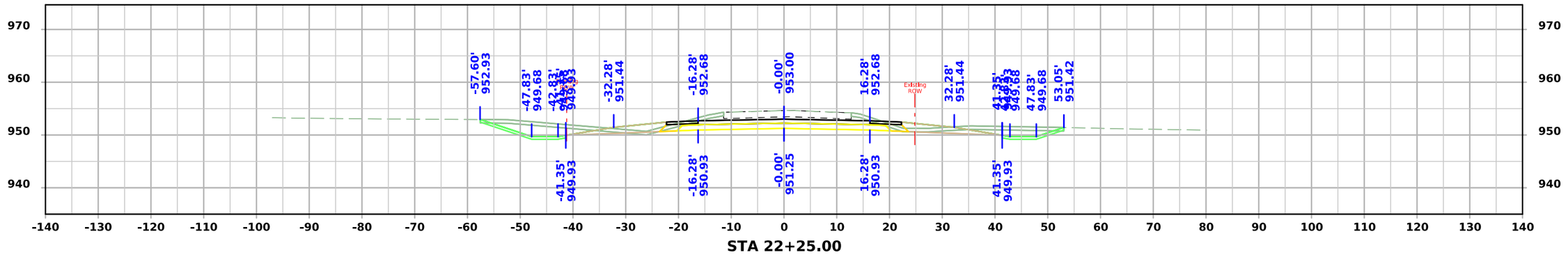


STA 21+00.00

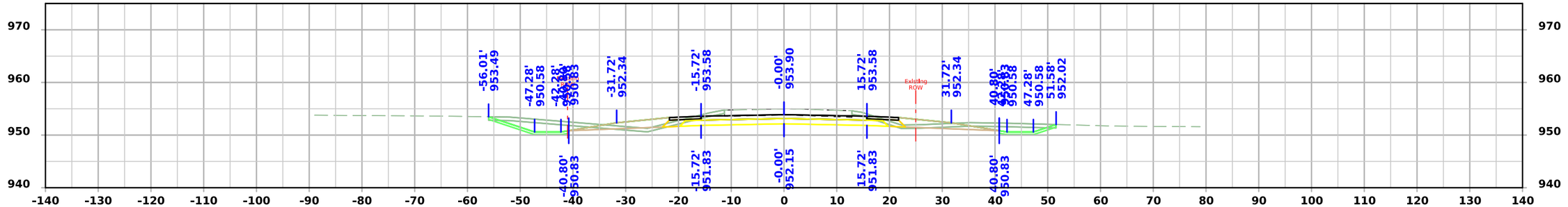
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.2

1:43:36 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

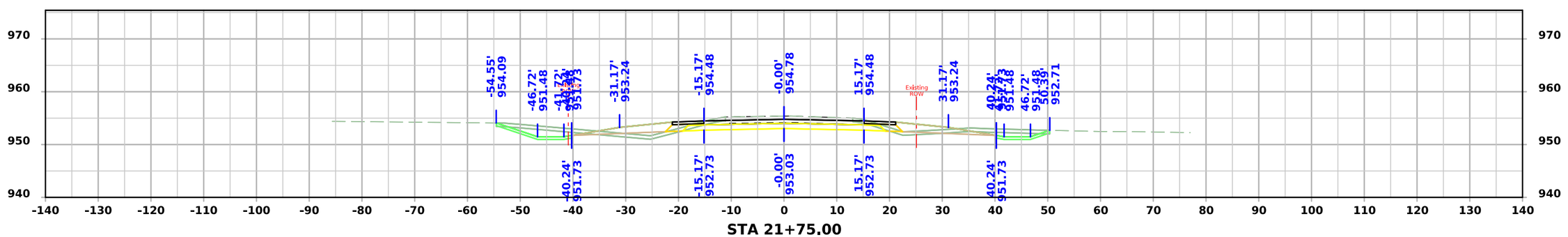
SR - NE 126TH AVENUE



STA 22+25.00



STA 22+00.00

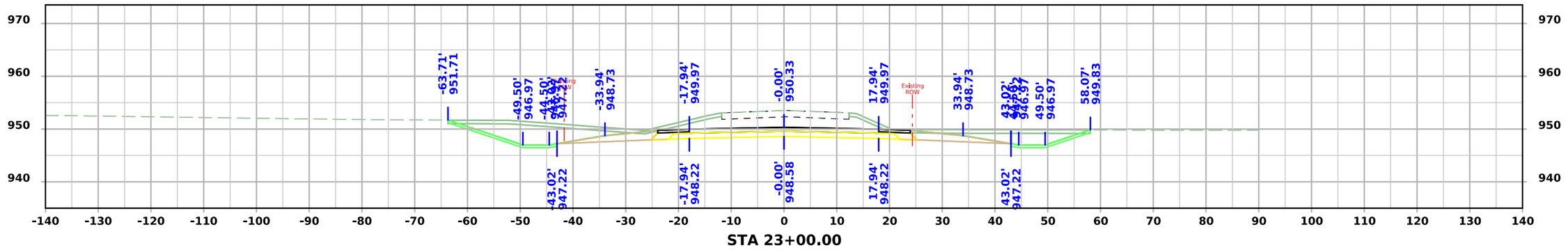


STA 21+75.00

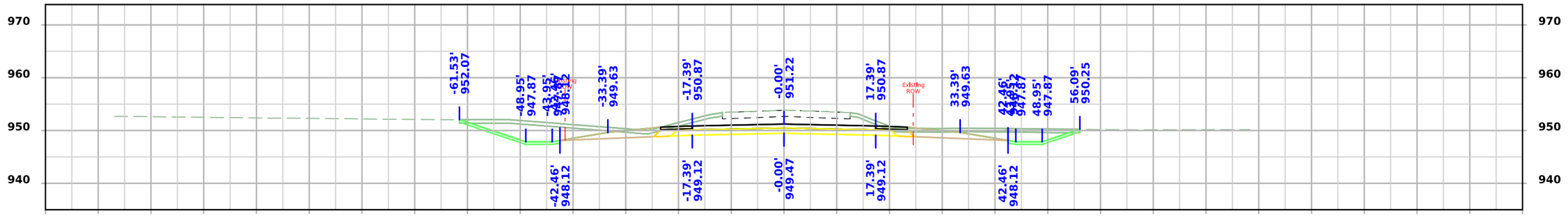
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.3

1:43:38 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

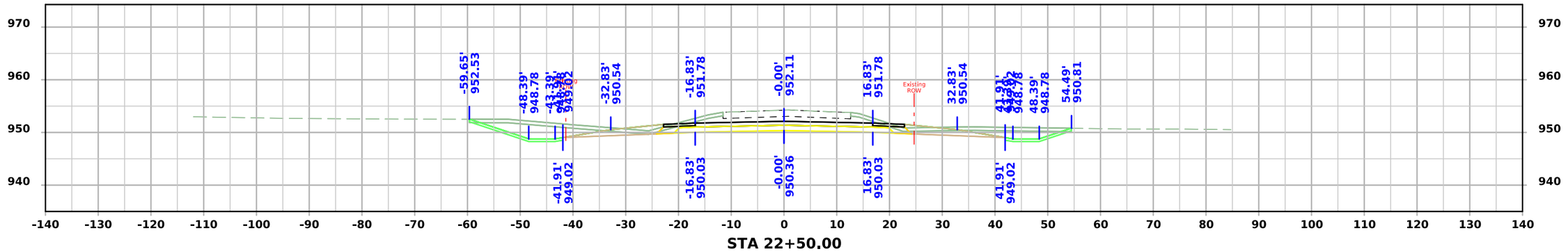
SR - NE 126TH AVENUE



STA 23+00.00



STA 22+75.00

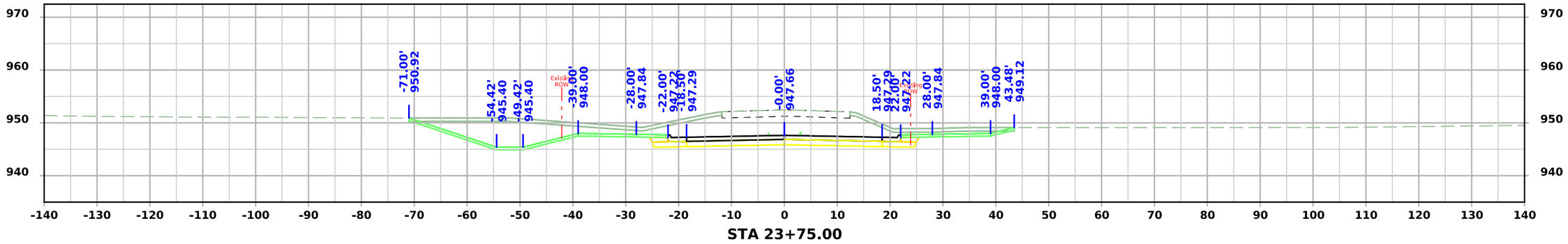


STA 22+50.00

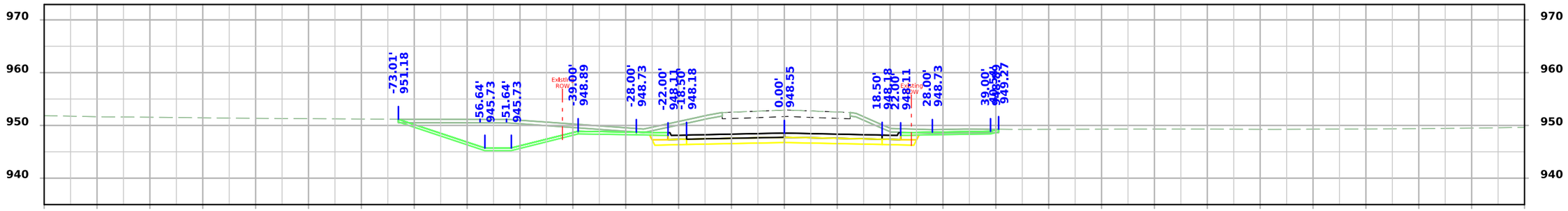
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.4

1:43:39 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

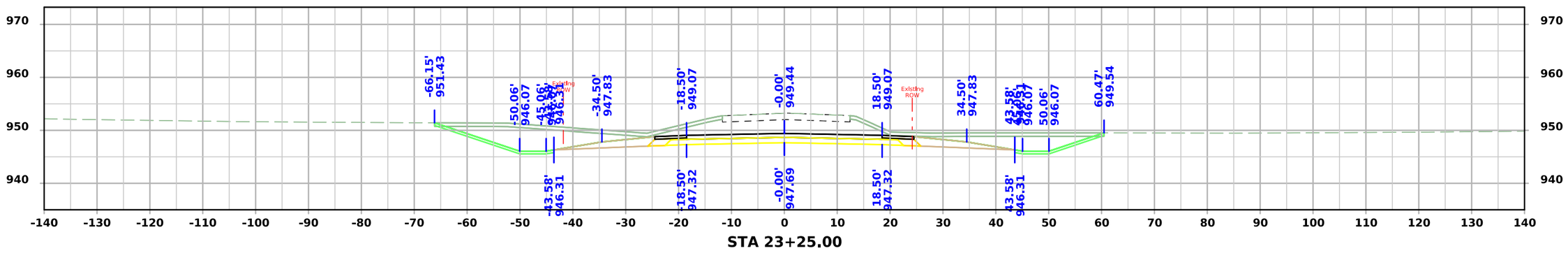
SR - NE 126TH AVENUE



STA 23+75.00



STA 23+50.00

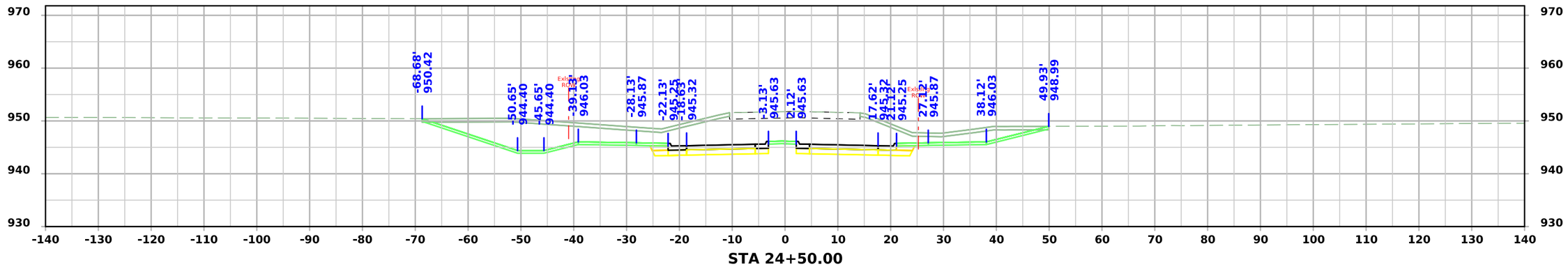


STA 23+25.00

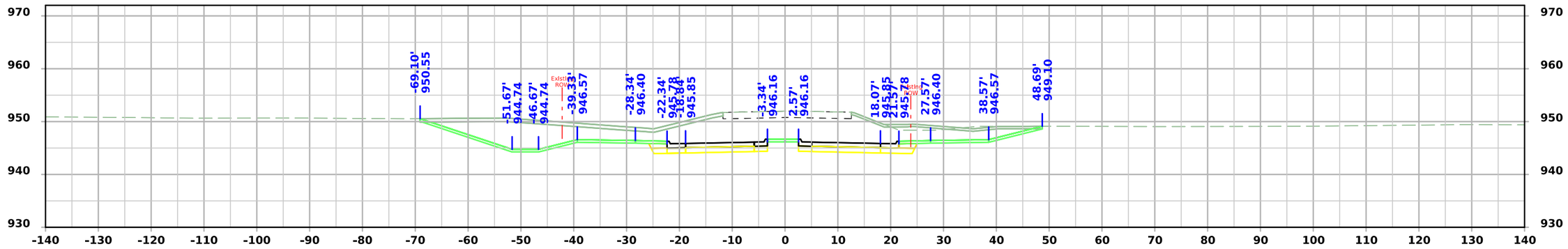
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.5

1:43:41 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

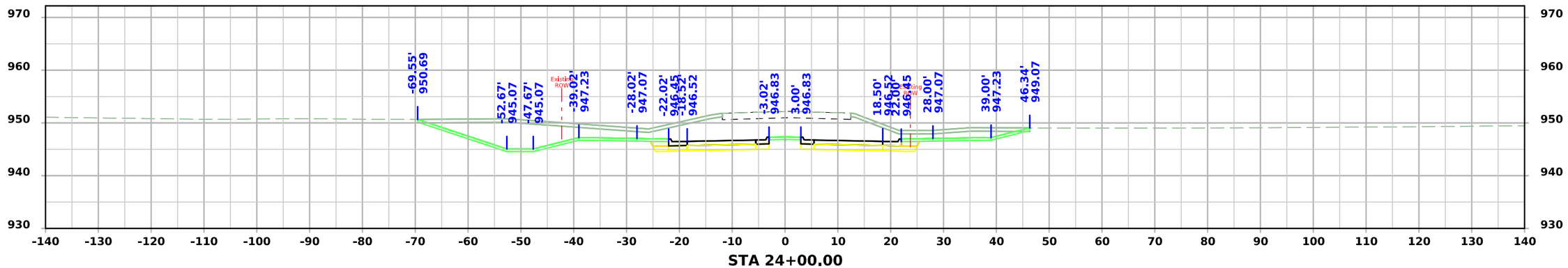
SR - NE 126TH AVENUE



STA 24+50.00



STA 24+25.00

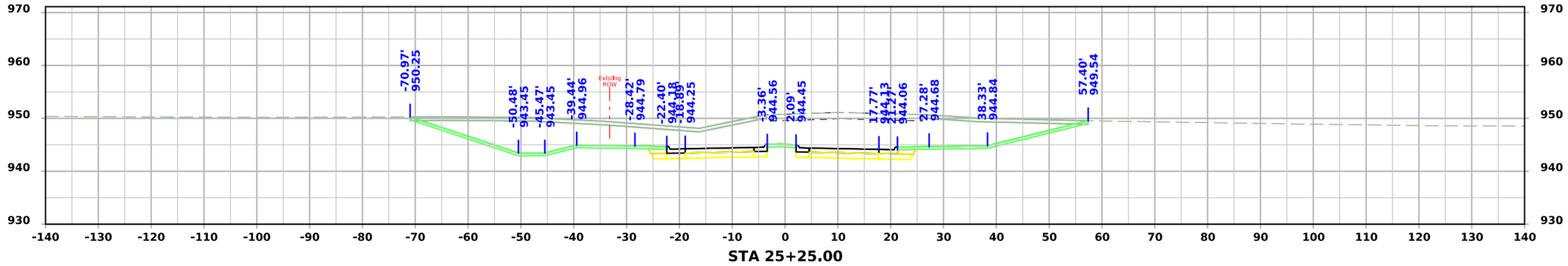


STA 24+00.00

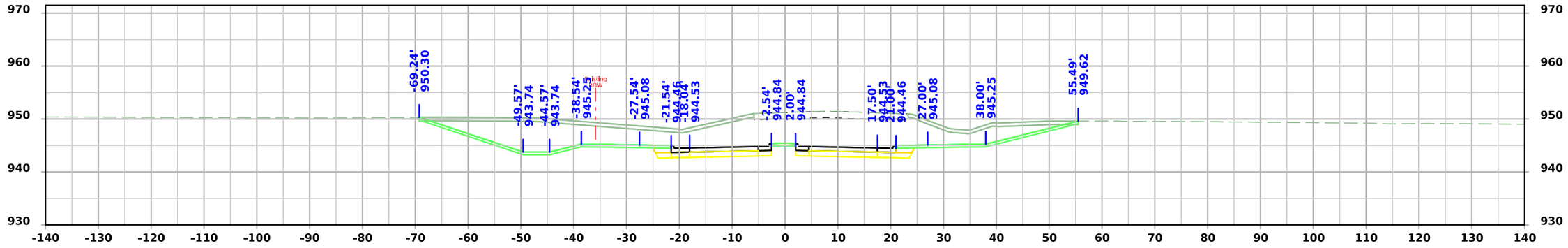
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.6

1:43:43 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

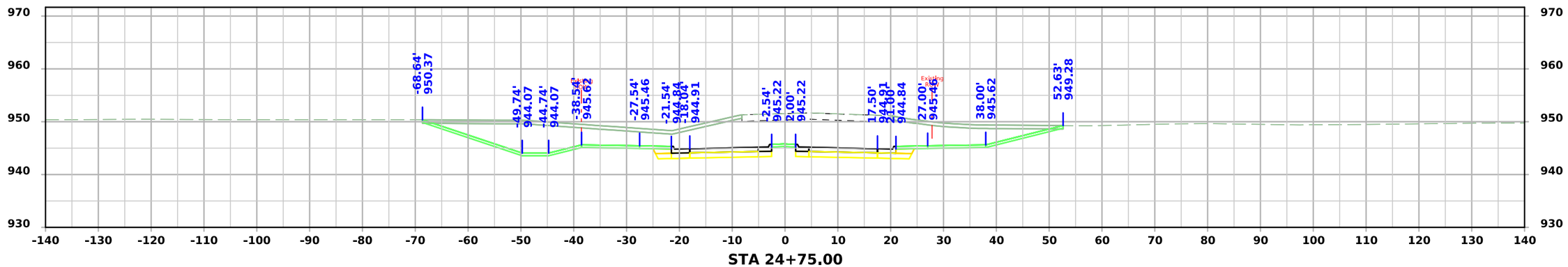
SR - NE 126TH AVENUE



STA 25+25.00



STA 25+00.00

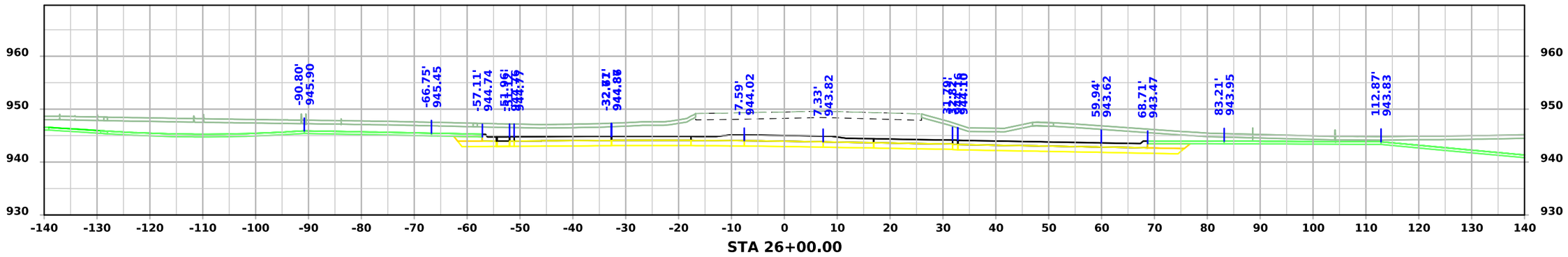


STA 24+75.00

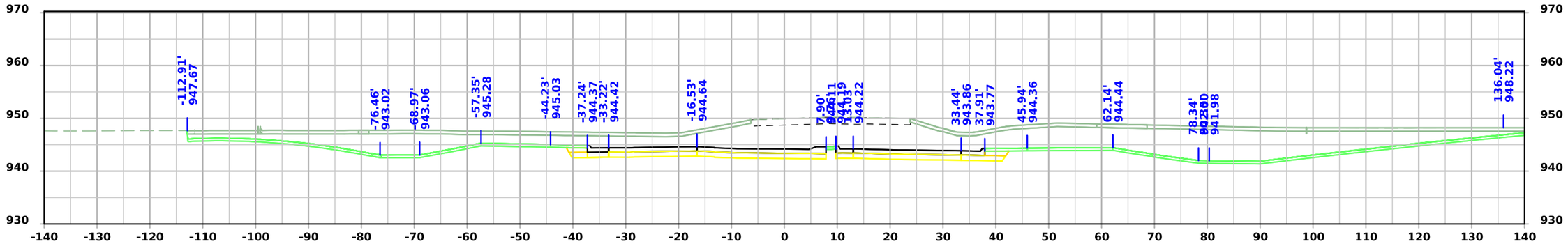
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.7

1:43:44 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

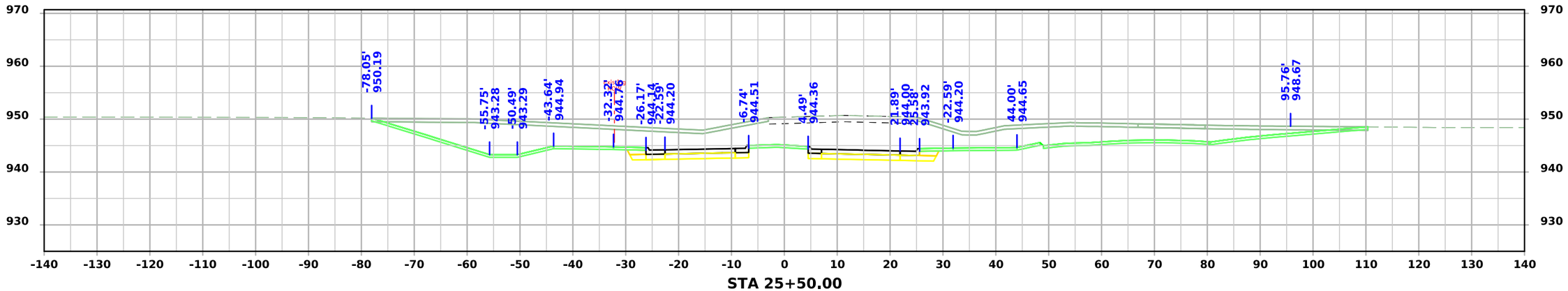
SR - NE 126TH AVENUE



STA 26+00.00



STA 25+75.00

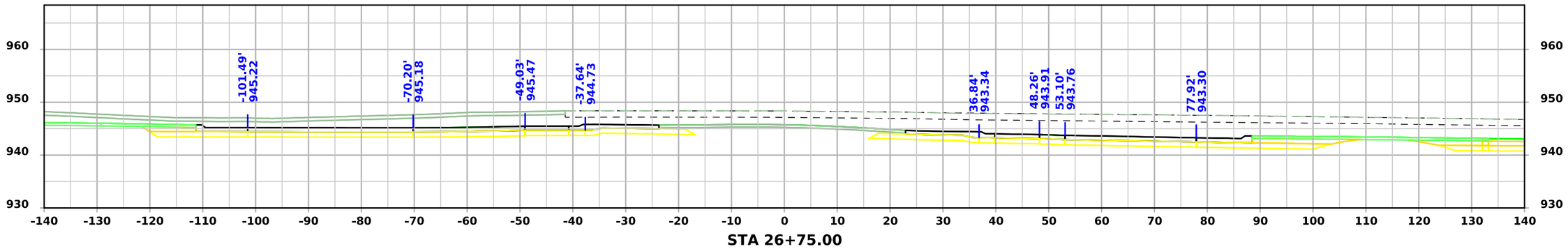


STA 25+50.00

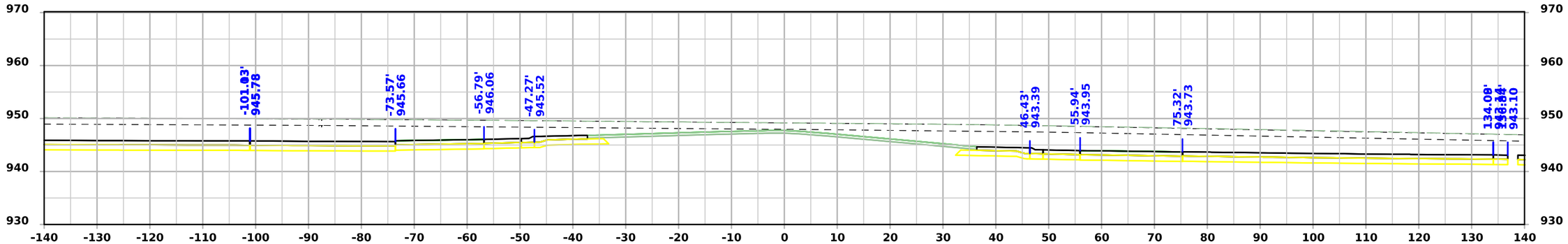
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.8

1:43:47 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

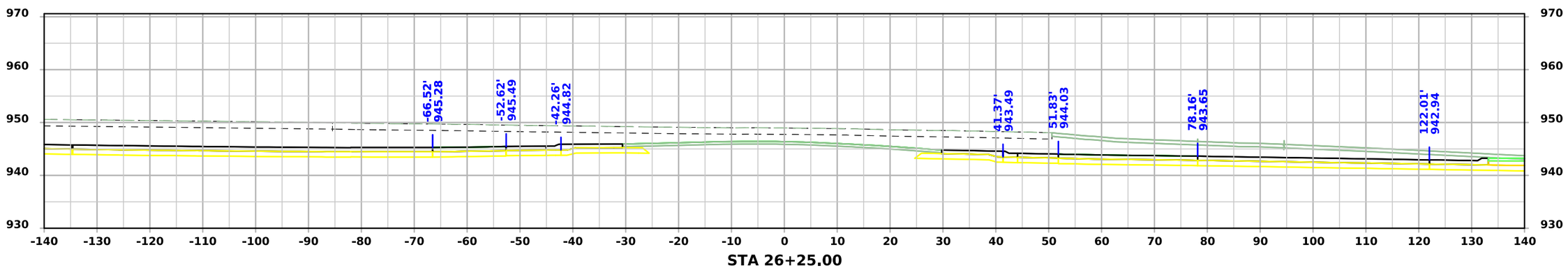
SR - NE 126TH AVENUE



STA 26+75.00



STA 26+50.00

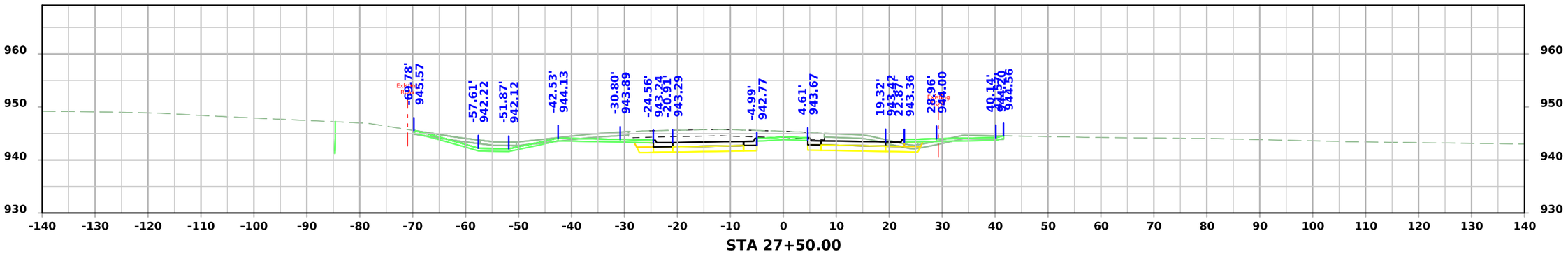


STA 26+25.00

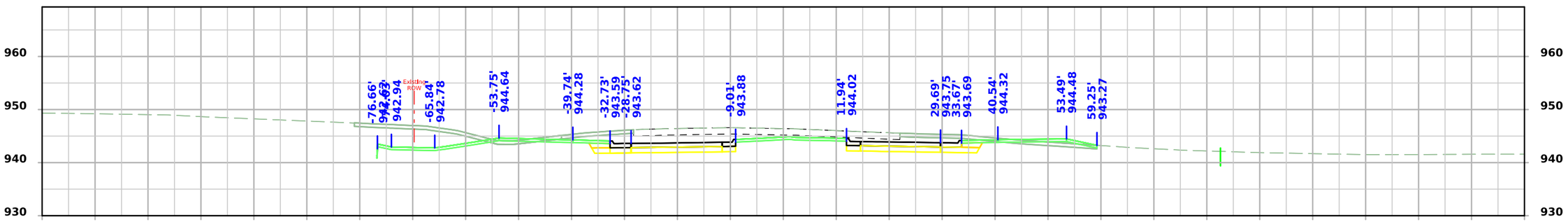
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.9

1:43:49 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

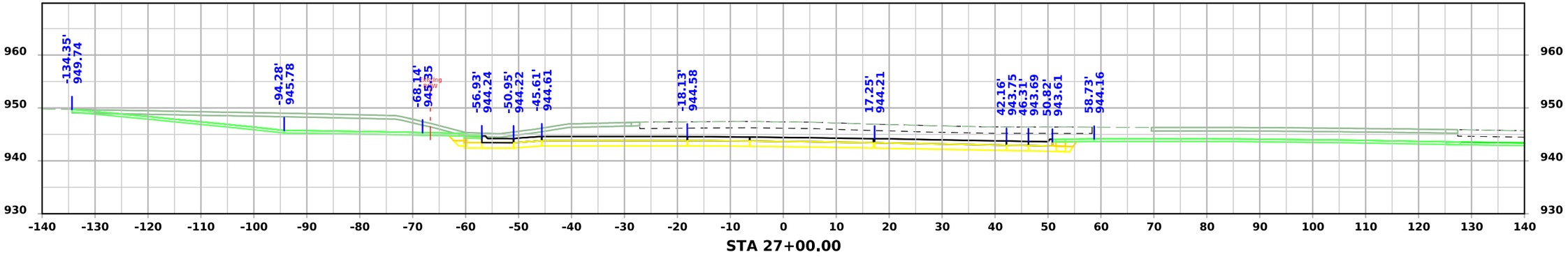
SR - NE 126TH AVENUE



STA 27+50.00



STA 27+25.00

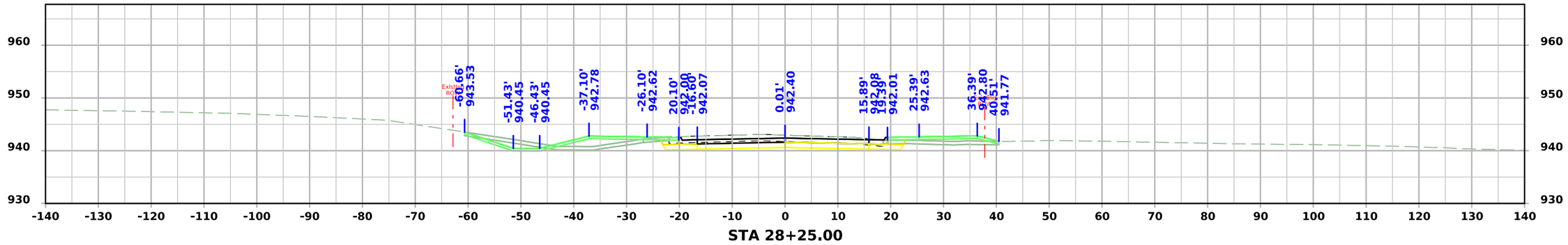


STA 27+00.00

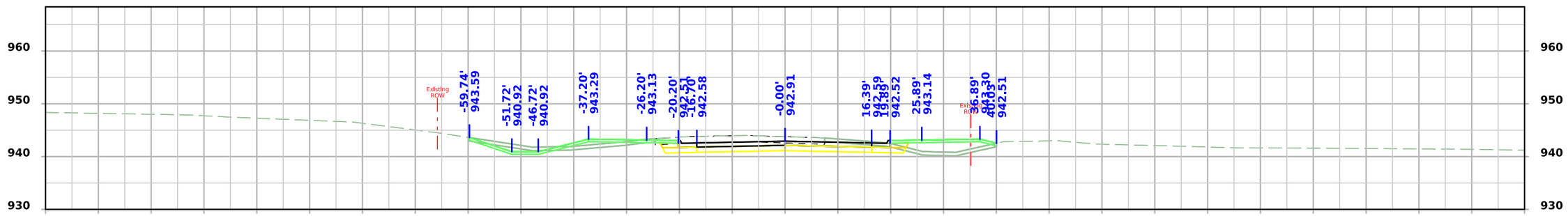
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.10

1:43:52 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

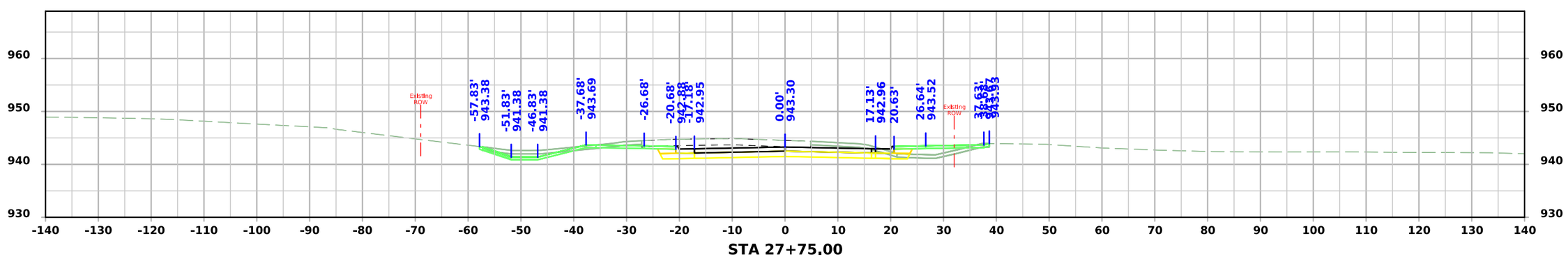
SR - NE 126TH AVENUE



STA 28+25.00



STA 28+00.00

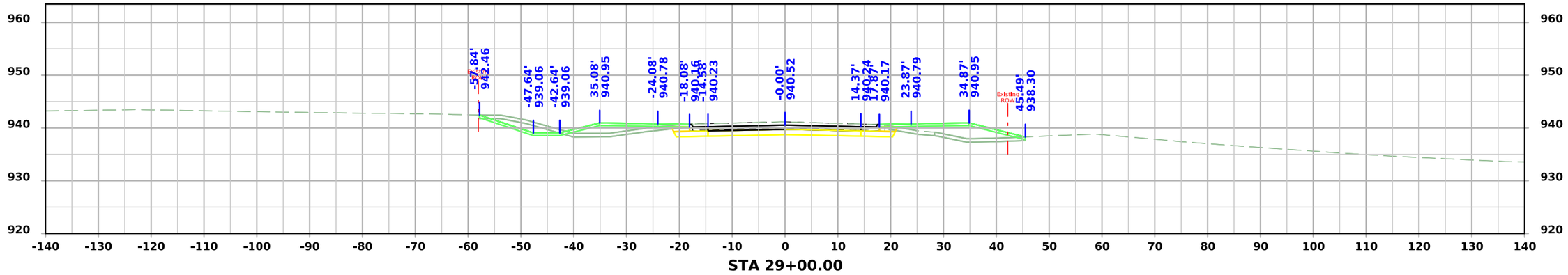


STA 27+75.00

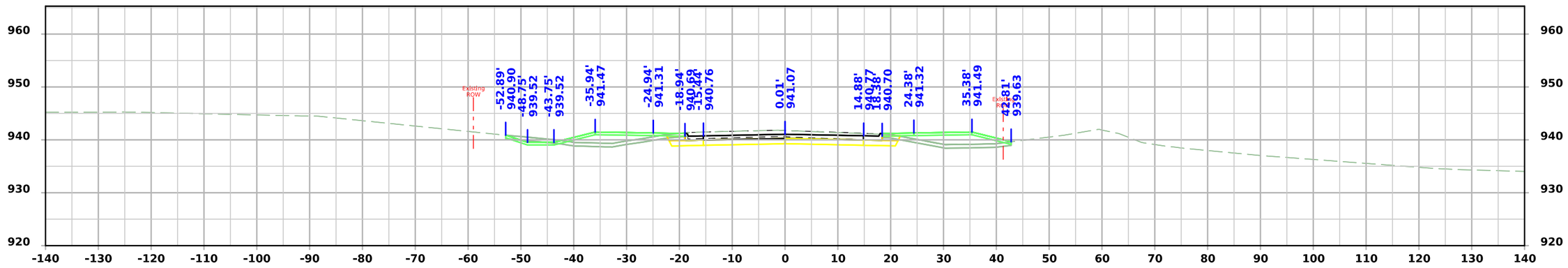
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.11

1:43:54 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

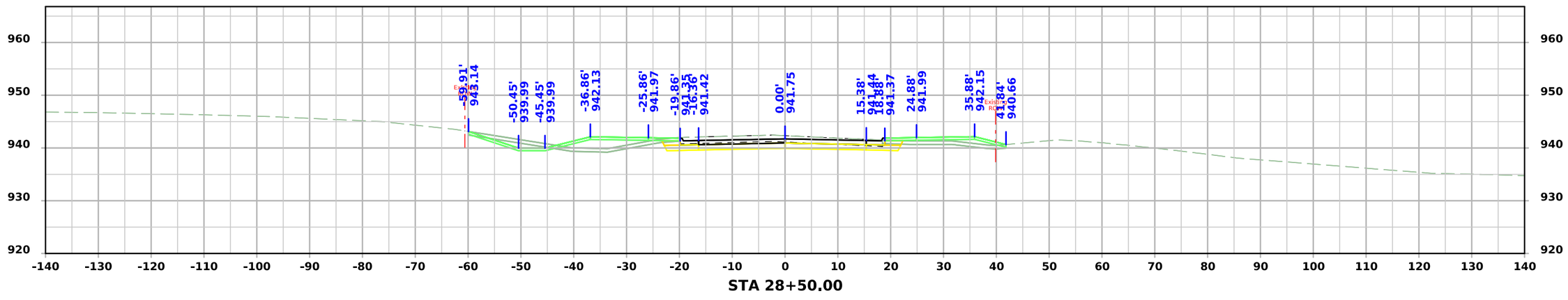
SR - NE 126TH AVENUE



STA 29+00.00



STA 28+75.00

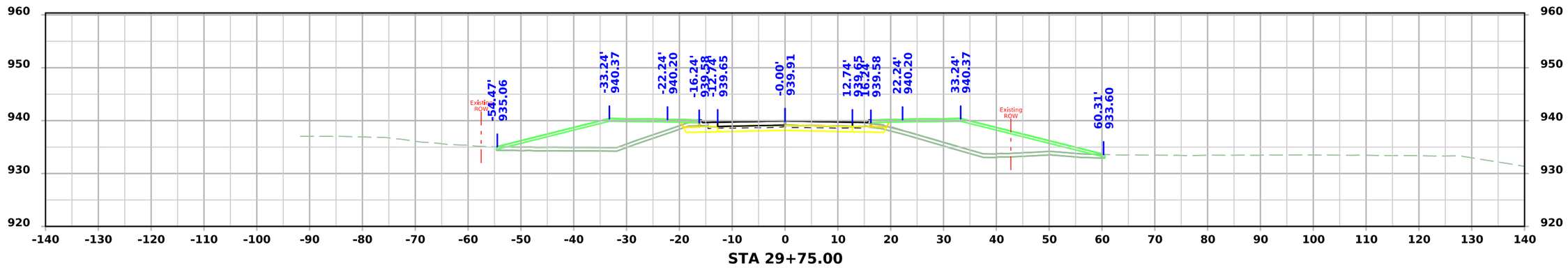


STA 28+50.00

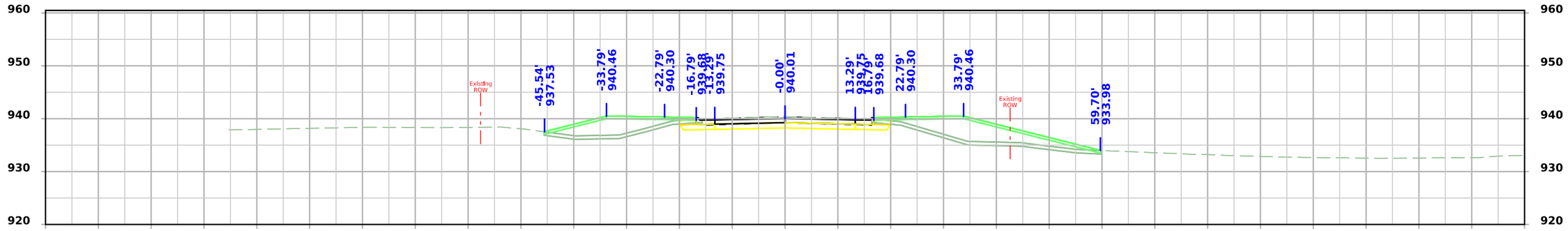
FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.12

1:43:56 PM 3/14/2025 mramirez pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\7706902025\Design\CADD_Files\Sheet_Files\SHT_77069153Z08_X1.dgn

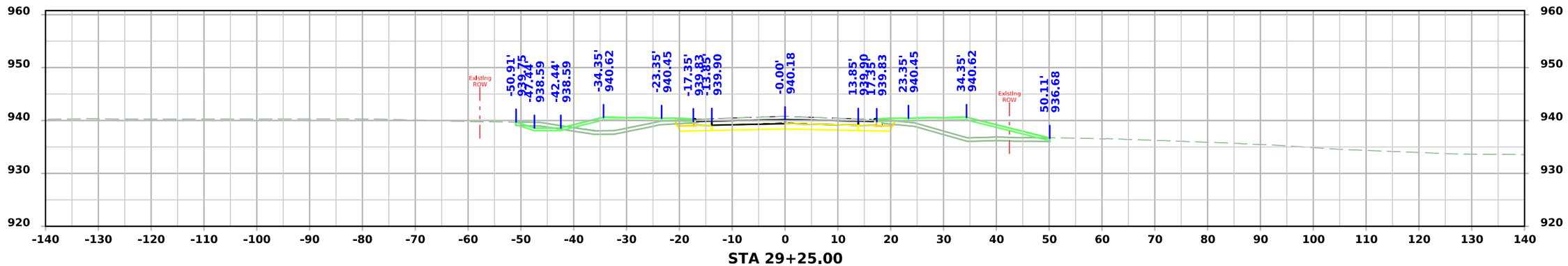
SR - NE 126TH AVENUE



STA 29+75.00



STA 29+50.00



STA 29+25.00

FILE NO. 98765	ENGLISH	DESIGN TEAM Snyder & Associates, Inc.	POLK COUNTY	PROJECT NUMBER HSIPX-069-4(153)--3L-77	SHEET NUMBER X.13

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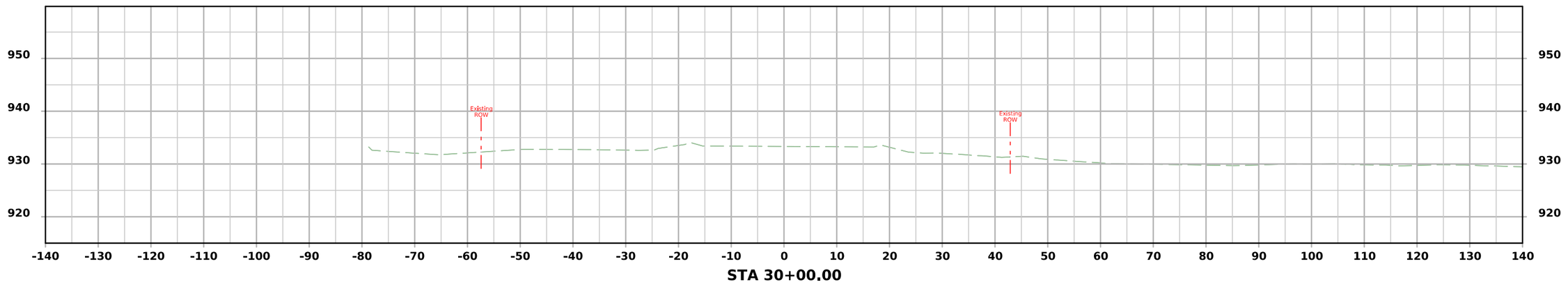
SR - NE 126TH AVENUE



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