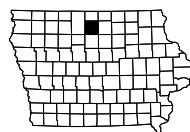


**HANCOCK COUNTY**

HMA WIDENING  
NHSX-018-4(34)--3H-41

HMA RESURFACING W/ MILLING  
NHSX-018-4(33)--3H-41

LETTING DATE  
Nov 15, 2022



INDEX OF SHEETS	
No.	DESCRIPTION
<b>A Sheets</b>	<b>Title Sheets</b>
A.1	Title Sheet
A.2	Location Map Sheet
<b>B Sheets</b>	<b>Typical Cross Sections and Details</b>
B.1 - 3	Typical Cross Sections and Details
<b>D Sheets</b>	<b>Mainline Plan and Profile Sheets</b>
* D.1	Plan & Profile Legend & Symbol Information Sheet
* D.2 - 7	US-18 Plan & Profile
* D.8 - 11	US-18 Plan
<b>W Sheets</b>	<b>Mainline Cross Sections</b>
W.1 - 36	US-18 Cross Sections
	* Color Plan Sheets



PLANS OF PROPOSED IMPROVEMENT ON THE  
**PRIMARY ROAD SYSTEM**  
**HANCOCK COUNTY**  
**HMA RESURFACING/WIDENING**

WCL of Britt east approximately 3 miles and  
 0.4 miles W of W junction US 69 east 1 mile

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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



REVISIONS

TOTAL	
PROJECT IDENTIFICATION NUMBER	--
21-41-018-010	
PROJECT NUMBER	
NHSX-018-4(33)--3H-41	
NHSX-018-4(34)--3H-41	
R.O.W. PROJECT NUMBER	
NHSX-018-4(35)--2R-41	

DESIGN DATA RURAL			
2022	AADT	5,000	V.P.D.
2042	AADT	6,200	V.P.D.
20 --	DHV	--	V.P.H.
	TRUCKS	14	%
	Total		
	Design ESALs	--	

INDEX OF SEALS		
A.1	Andy S. Floy	Primary Signature Block
X	X	X

**PRELIMINARY PLANS**

Subject to change by final design.

**D5 PLAN - Date: 06/17/2022**

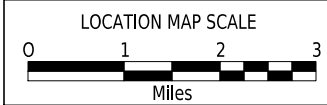
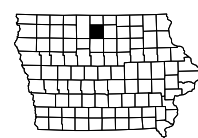
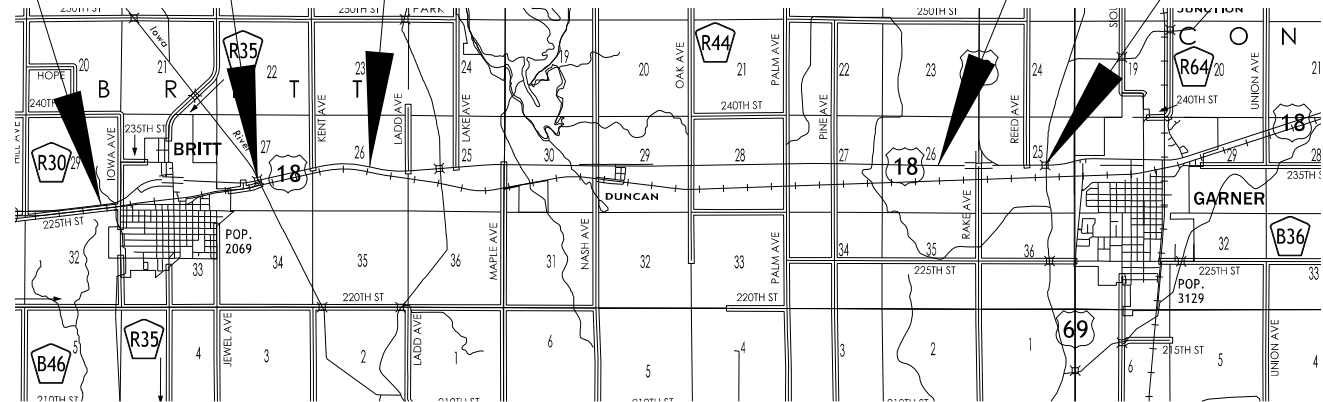
BOP  
STA 506+20

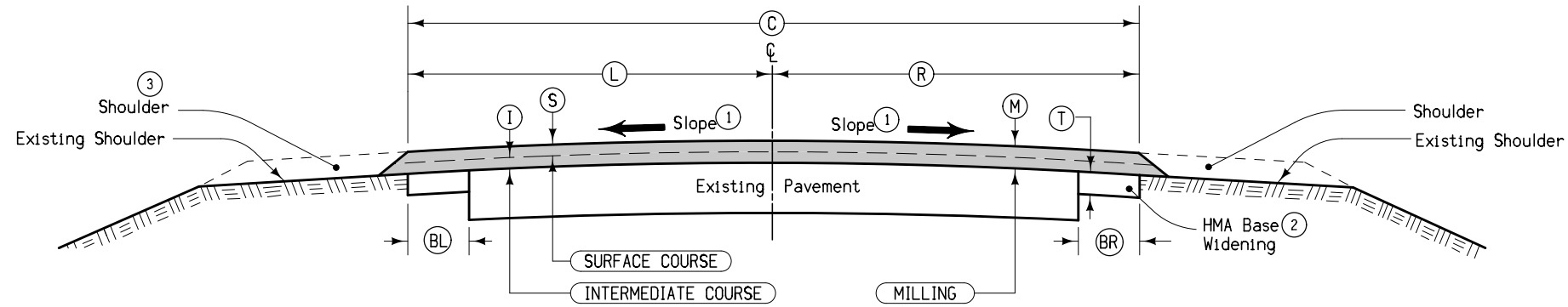
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SUSPEND PAVING  
STA 653+44

RESUME PAVING  
STA 912+18

EOP  
STA 966+93  
FHWA #26831

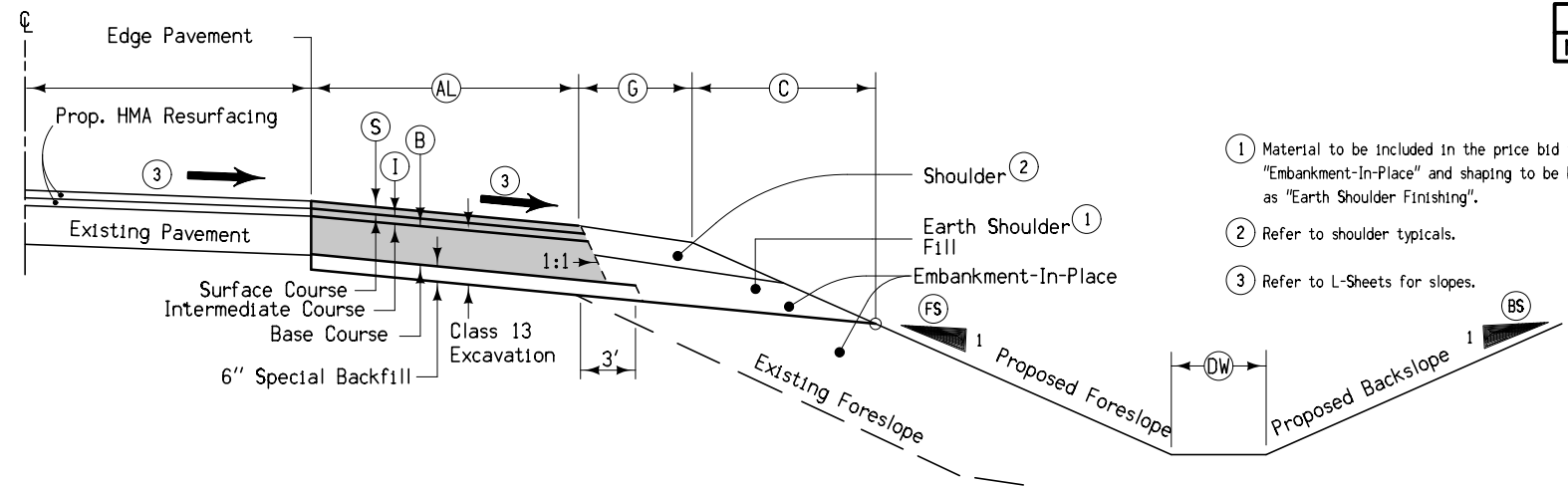




- ① Match finished slope to existing pavement, except that the maximum allowable slope is 3.0%, minimum allowable slope is 2.0%. Section may be modified as directed by the Engineer through areas of special shaping. Refer to tabulation listing of superelevated curves and Standard Road Plans for additional requirements through superelevated curves.
- ② Base Widening quantities are not included with Resurfacing quantities, see Standard Road Plan PV-203.
- ③ Refer to shoulder typicals.

Location		(M)	(S)	(I)	(C)	(L)	(R)	(T)	(BL)	(BR)	Remarks
Road Identification	Station To Station	Inches	Inches	Inches	Feet	Feet	Feet	Inches	Feet	Feet	
US 18	STA 506+20 STA 584+18	0	2	2	36	18	18	4	6	6	
US 18	STA 586+92 STA 653+44	1	2	2	36	18	18	4	6	6	
US 18	STA 912+18 STA 966+93	1	2	2	36	18	18	4	6	6	

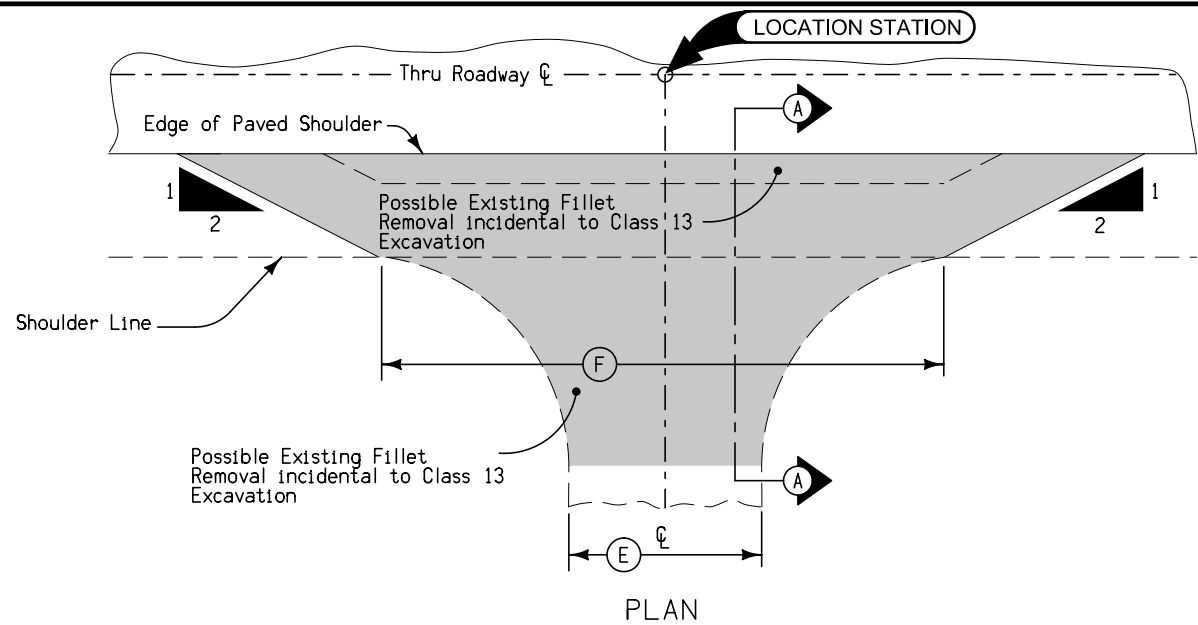
TYPICAL CROSS SECTION  
HMA RESURFACING WITH BASE WIDENING



- ① Material to be included in the price bid for "Embankment-In-Place" and shaping to be bid as "Earth Shoulder Finishing".
- ② Refer to shoulder typicals.
- ③ Refer to L-Sheets for slopes.

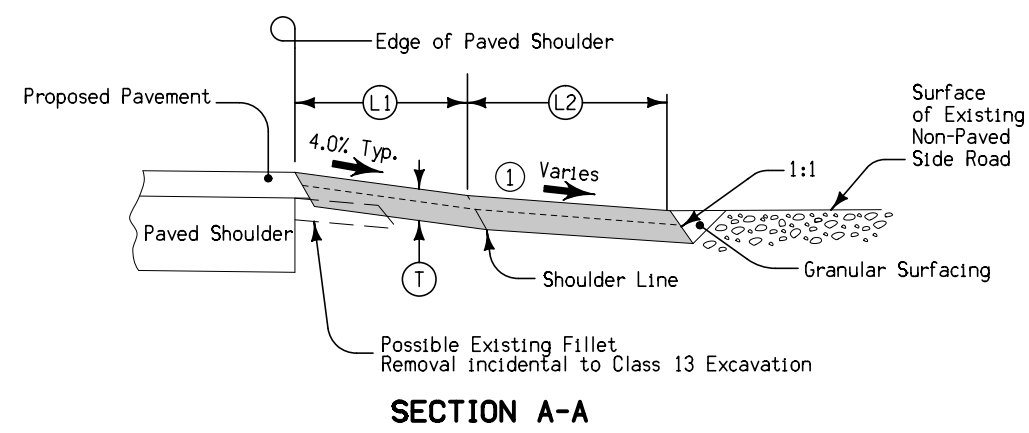
Station to Station		Side	Direction of Travel	(S)	(I)	(B)	(AL)	(G)	(C)	(FS)	(DW)	(BS)
				Inches	Inches	Inches	Feet	Feet	Feet		Feet	
STA 498+26	STA 504+86	RT	EB	2	2	5	2-12	4-10	Varies	Varies	5	3:1
STA 494+72	STA 506+20	LT	WB	2	2	5	2-16	10	Varies	Varies	10	3:1
STA 506+20	STA 527+65	LT	WB	2	2	5	0-16	10	Varies	Varies	10	3:1
STA 570+67	STA 576+51	RT	EB	2	2	5	0-12	4-10	Varies	Varies	5	3:1
STA 570+44	STA 584+18	LT	WB	2	2	5	0-16	10	Varies	Varies	5	3:1

TYPICAL HALF SECTION  
HMA TURN LANE



100% STATE

Location Station	(F) Feet	(T) Inches	(L <sub>1</sub> ) Feet	Remarks



SECTION A-A

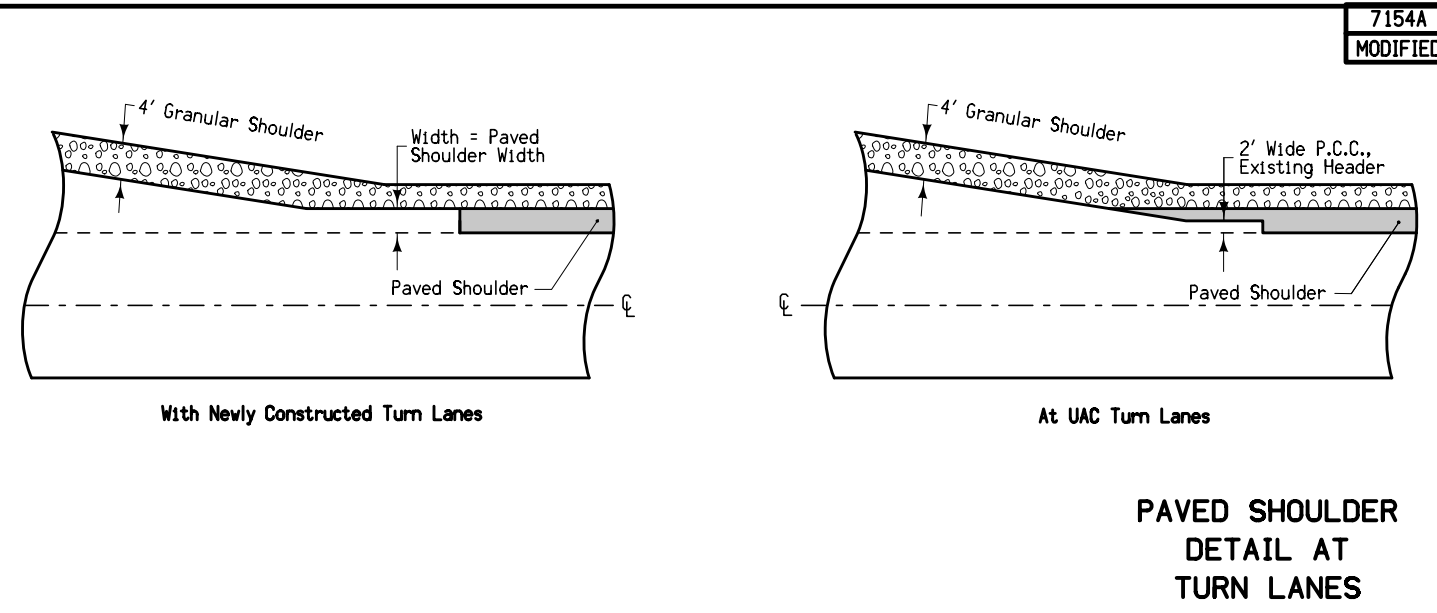
100% COUNTY

Location Station	(E) Feet	(T) Inches	(L <sub>2</sub> ) Feet	Remarks

Special shaping of existing surface prior to placement of fillet or fillet extension may be required by the Engineer and is incidental to other work on the project.

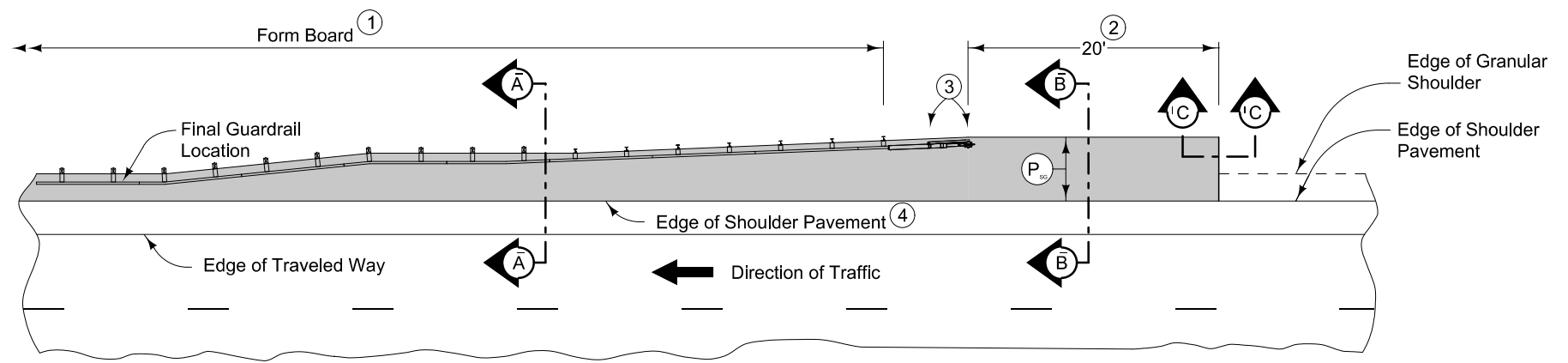
① Match existing slope.

**FILLET EXTENSION FOR NON-PAVED SIDE ROADS**



7154A  
MODIFIED

**PAVED SHOULDER DETAIL AT TURN LANES**



PLAN VIEW

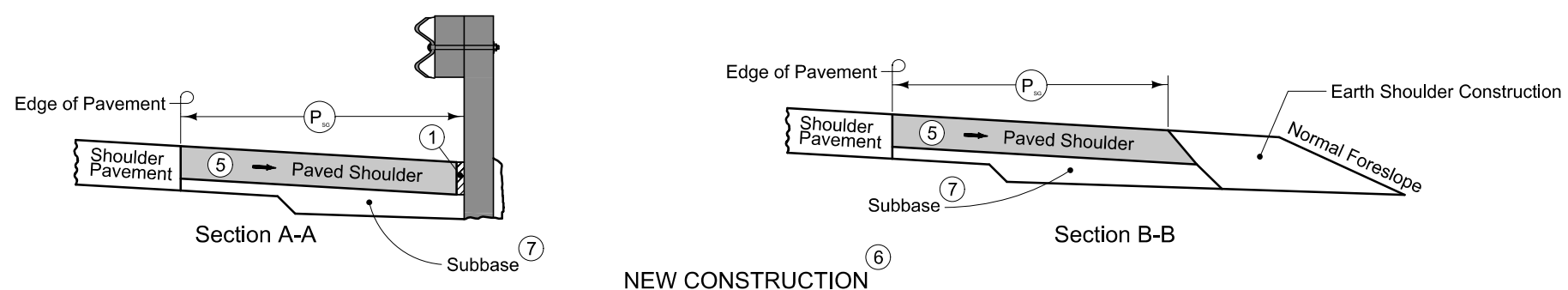
9" HMA Paved Shoulder at guardrail. 8" PCC may be substituted with the following jointing layout:

Match mainline pavement joint spacing. When mainline pavement is 8" or greater in thickness, place additional transverse 'C' joints in shoulder at mid-panel of the mainline pavement. Place longitudinal 'C' joint at P/2 from edge of mainline pavement when P is greater than 10' wide. Terminate longitudinal joint at transverse joint less than 10' in length.

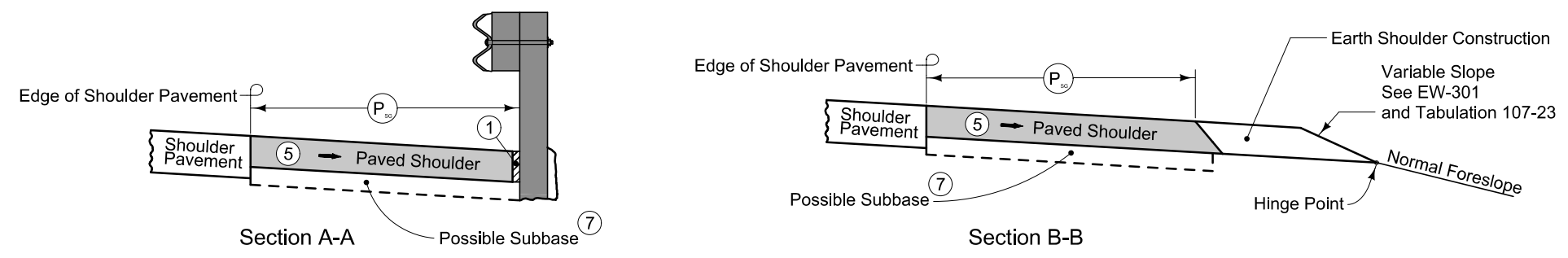
Compaction of HMA is required to face of guardrail post. Hand compaction will be allowed under guardrail. Removal and reinstallation of guardrail will be allowed with no additional payment.

Refer to Tabulation 112-9 for shoulder quantities.

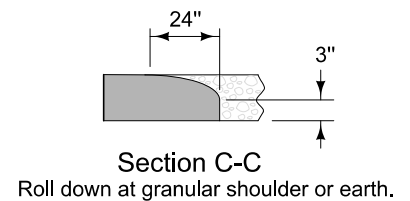
- ① PCC option only: When guardrail posts are installed prior to construction of PCC paved shoulder, fasten form board to the face of guardrail posts for the length shown.
- ② Continue paved shoulder 20 feet beyond the center of the first post.
- ③ Shoulder may be notched for first 2 posts or post sleeves may be installed through pavement. Do not drive posts through pavement.
- ④ 'KT' (per PV-101) joint for PCC shoulder. 'B' (per PV-101) joint for HMA shoulder.
- ⑤ Match shoulder slope.
- ⑥ The Contractor has the option to pave the paved shoulder at guardrail and the partial width paved shoulder as one operation.
- ⑦ Refer to other details in the plan.



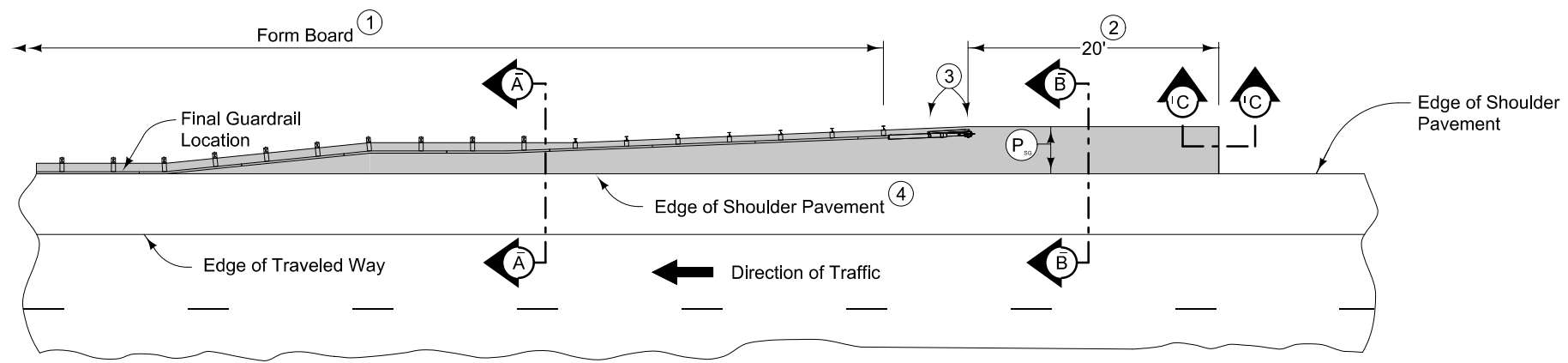
NEW CONSTRUCTION



EXISTING SHOULDER



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



PLAN VIEW

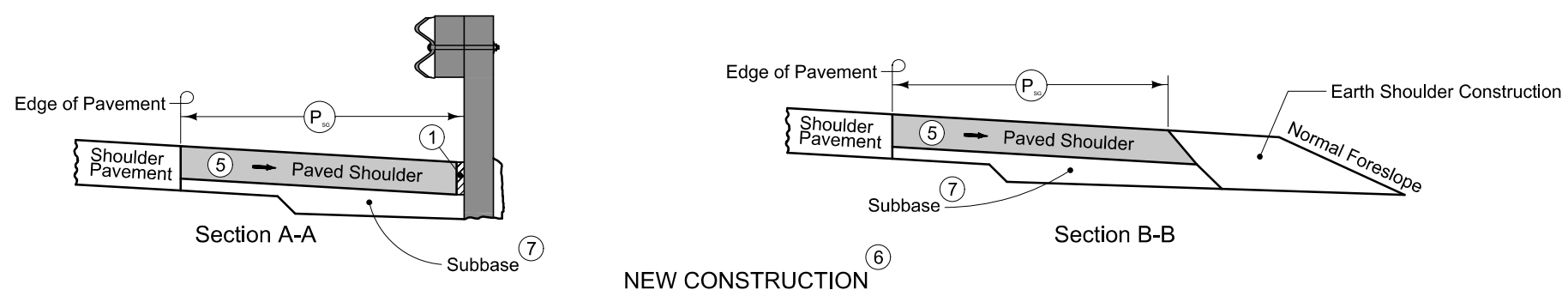
9" HMA Paved Shoulder at guardrail. 8" PCC may be substituted with the following jointing layout:

Match mainline pavement joint spacing. When mainline pavement is 8" or greater in thickness, place additional transverse 'C' joints in shoulder at mid-panel of the mainline pavement. Place longitudinal 'C' joint at P/2 from edge of mainline pavement when P is greater than 10' wide. Terminate longitudinal joint at transverse joint less than 10' in length.

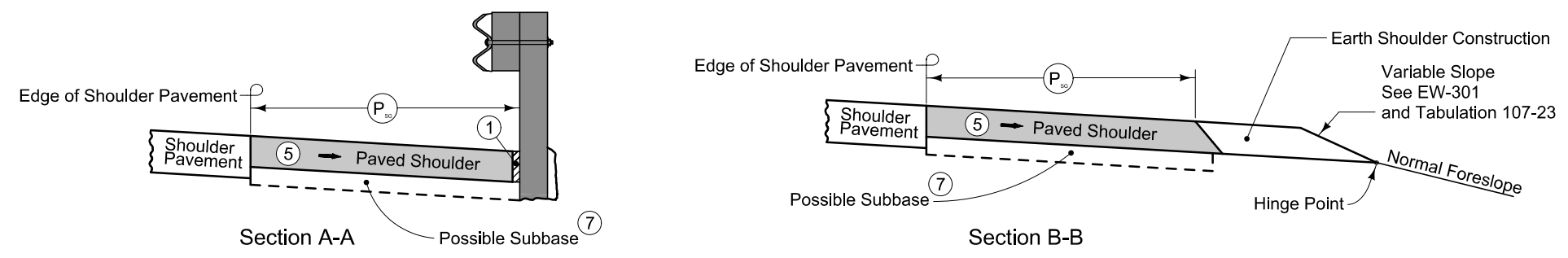
Compaction of HMA is required to face of guardrail post. Hand compaction will be allowed under guardrail. Removal and reinstallation of guardrail will be allowed with no additional payment.

Refer to Tabulation 112-9 for shoulder quantities.

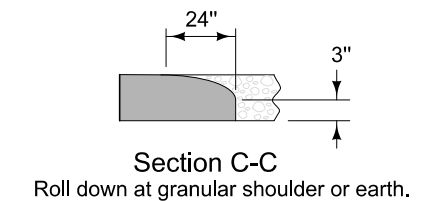
- ① PCC option only: When guardrail posts are installed prior to construction of PCC paved shoulder, fasten form board to the face of guardrail posts for the length shown.
- ② Continue paved shoulder 20 feet beyond the center of the first post.
- ③ Shoulder may be notched for first 2 posts or post sleeves may be installed through pavement. Do not drive posts through pavement.
- ④ 'KT' (per PV-102) joint for PCC shoulder. 'B' (per PV-102) joint for HMA shoulder.
- ⑤ Match shoulder slope.
- ⑥ The Contractor has the option to pave the paved shoulder at guardrail and the full width paved shoulder as one operation.
- ⑦ Refer to other details in the plan.



NEW CONSTRUCTION



EXISTING SHOULDER



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

### SURVEY SYMBOLS LEGEND

- SCR Section Corner
- C Centerline BL of Road (ML or SR)
- EP Edge of Paved Roads (ML or SR)
- SNP Unpaved Shoulder
- BL Topo Breakline
- CU Back of Curb
- GU Gutter In Front of Curb
- CP Control Point
- ENU Edge Unpaved Entrance & Parking
- ENT Centerline BL of Entrance
- SIGN SI Sign
- GR Ground Shot
- PPA Power Pole Co. 1
- REF Reference Tie Point
- ROW Right of Way Mark
- D Centerline Draw or Stream (Down)
- MH Utility Access (Manhole)
- PIP Pipe Culvert
- PRO Profile Shot
- MIS Miscellaneous
- FP FP Filler Pipe
- DU Centerline Draw or Stream (Up)
- OUT Tile Outlet
- LUM Luminaire
- IN Storm Sewer Intake
- F0 FO1D Fiber Optic Co. 1 - Quality D
- T1 TL1D Telephone Line Co. 1 - Quality D
- T2 TL2D Telephone Line Co. 2 - Quality D
- T3 TL3D Telephone Line Co. 3 - Quality D
- F02 FO2D Fiber Optic Co. 2 - Quality D

### UTILITY LEGEND

### 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.	
Tan	(8)		Proposed Sidewalk Shading
Blue, Light	(230)		Proposed Sidewalk Landing Shading
Pink	(11)		Proposed Sidewalk Ramp Shading
Yellow	(4)		Critical Notes or Features
Red (Hatching)	(3)		Restricted Areas
Yellow	(9)		Temporary Pavement Shading
Gray, Light	(48)		Proposed Pavement and Bridge Shading
Gray, Med	(80)		Proposed Granular Shading
Gray, Dark	(112)		Proposed Grade and Pave Shading
Brown, Light	(236)		Proposed Future Pavement Shading

### PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK		Design Color No.	
Green	(2)		Existing Ground Line Profile
Blue	(1)		Proposed Profile and Annotation
Magenta	(5)		Existing Utilities
Blue, Light	(230)		Proposed Ditch Grades, Left
Black	(0)		Proposed Ditch Grades, Median
Rust	(14)		Proposed Ditch Grades, Right

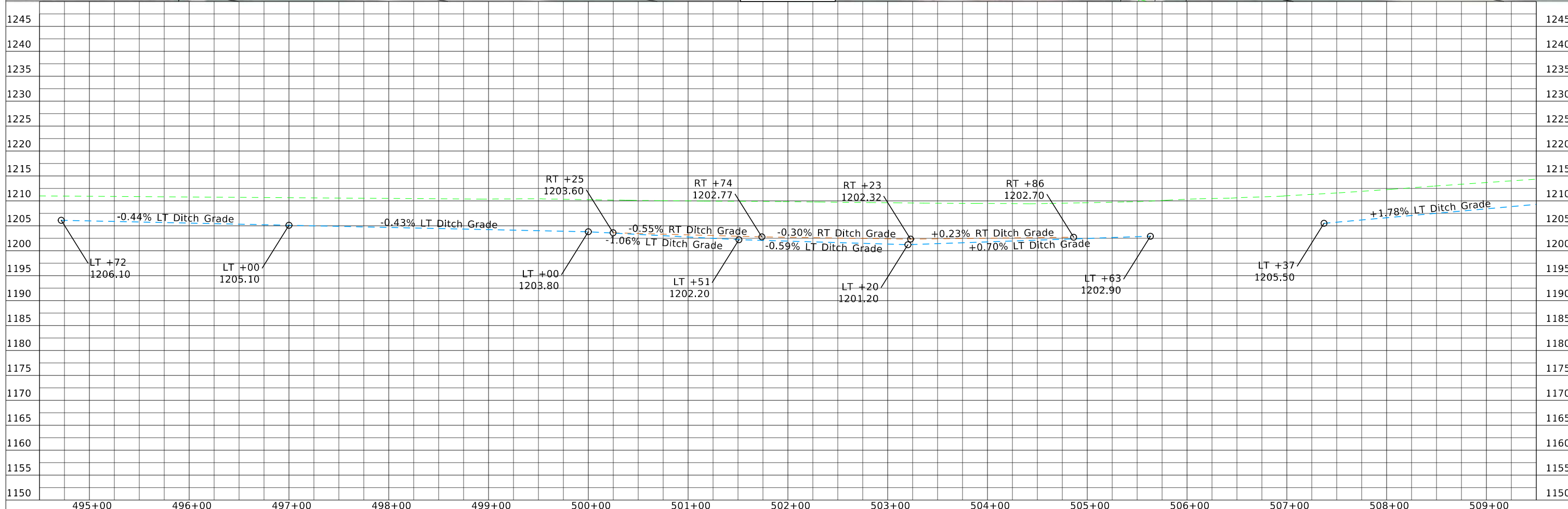
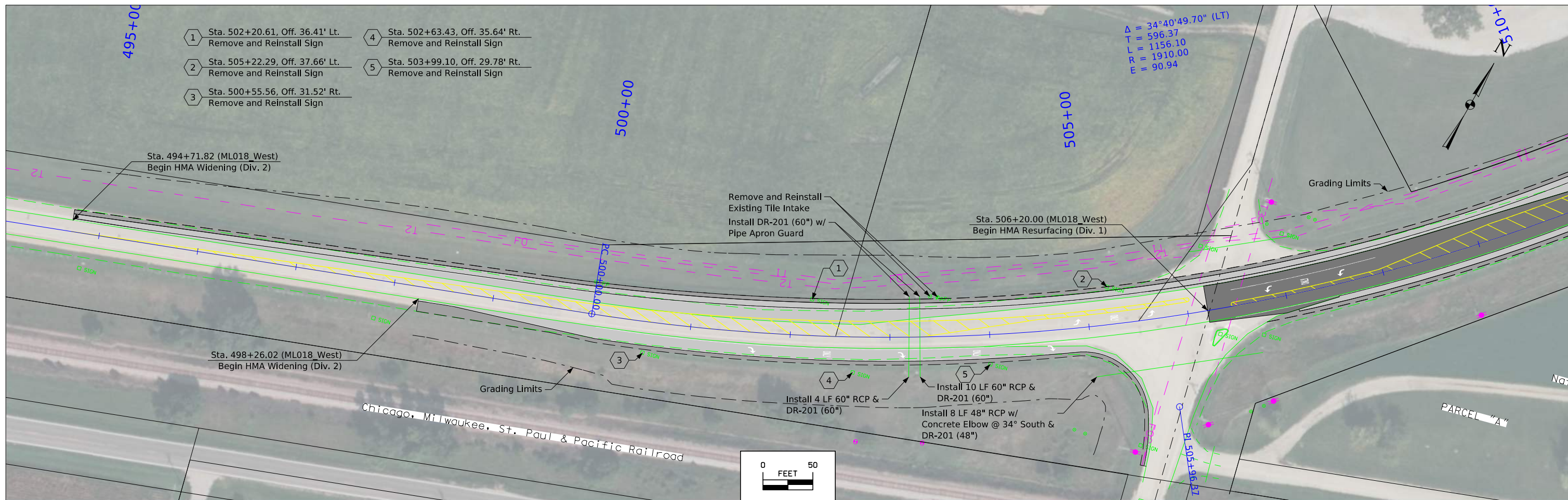
- Reference Point
- Station
- Survey Line
- Section Corner
- Ground Line Intercept
- Saw Cut
- Guardrail
- Trench Drain
- HighTension Cable Guardrail
- Sheet Pile
- Pavement Removal
- Clearing & Grubbing Area

### RIGHT-OF-WAY LEGEND

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

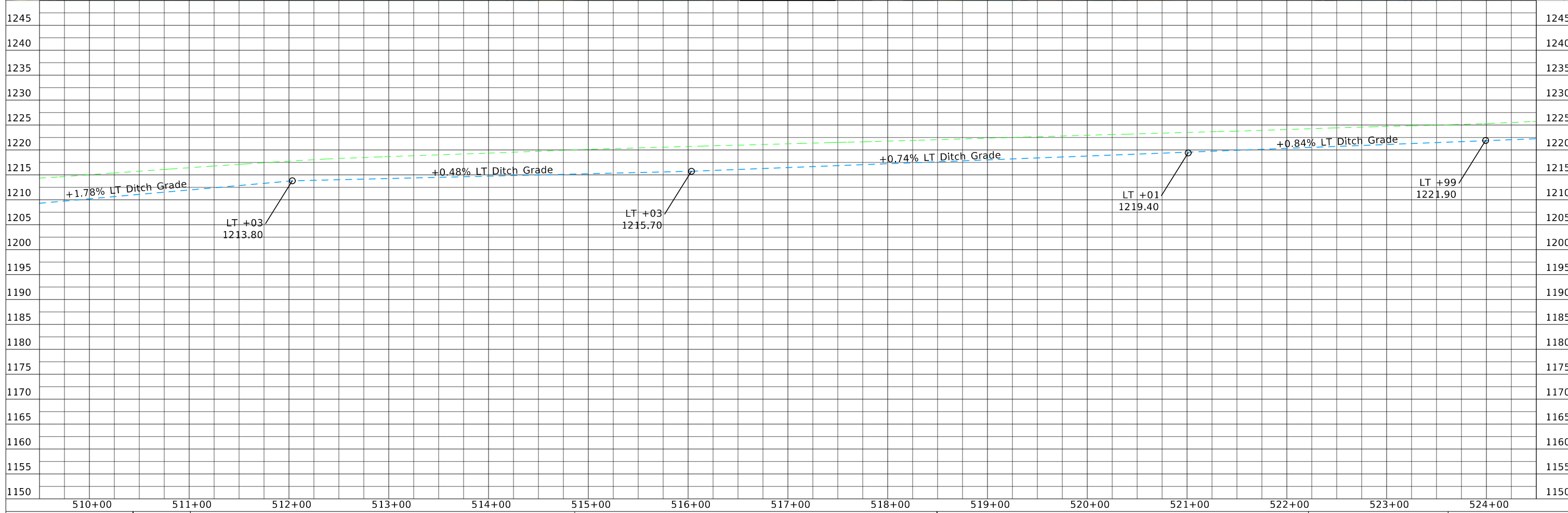
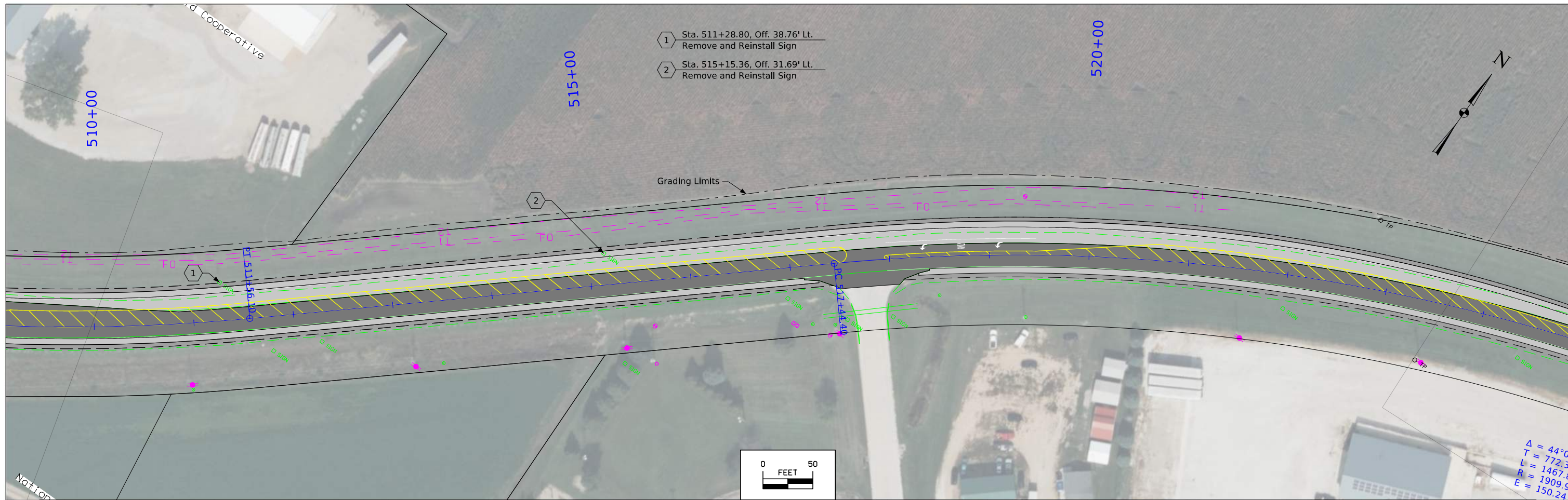
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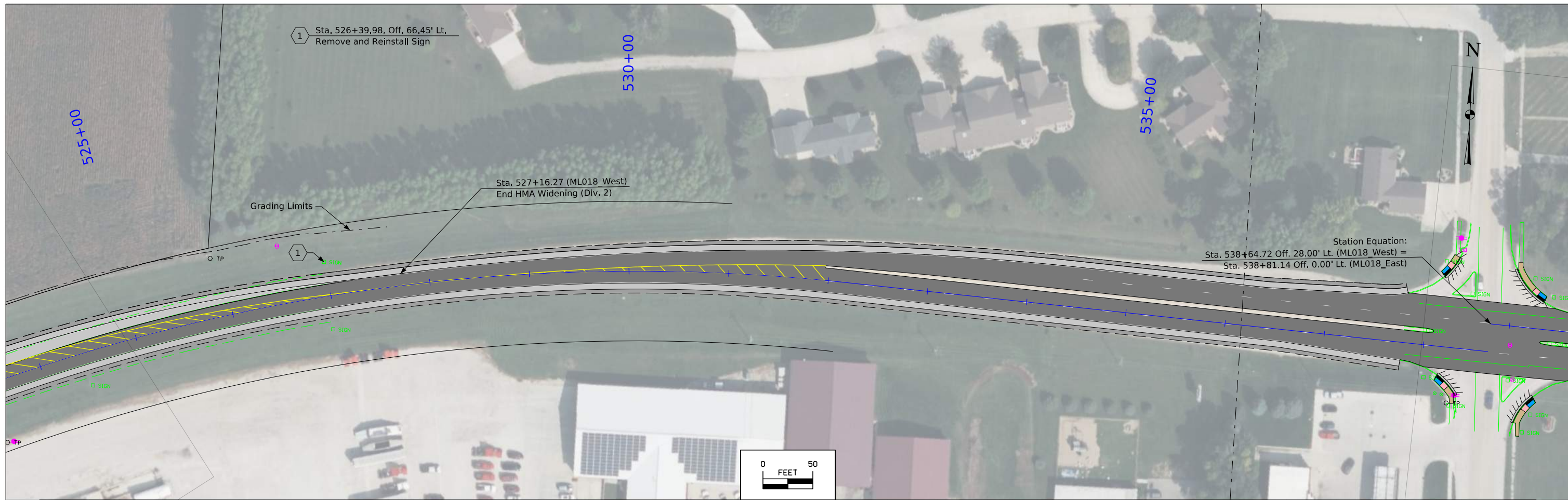
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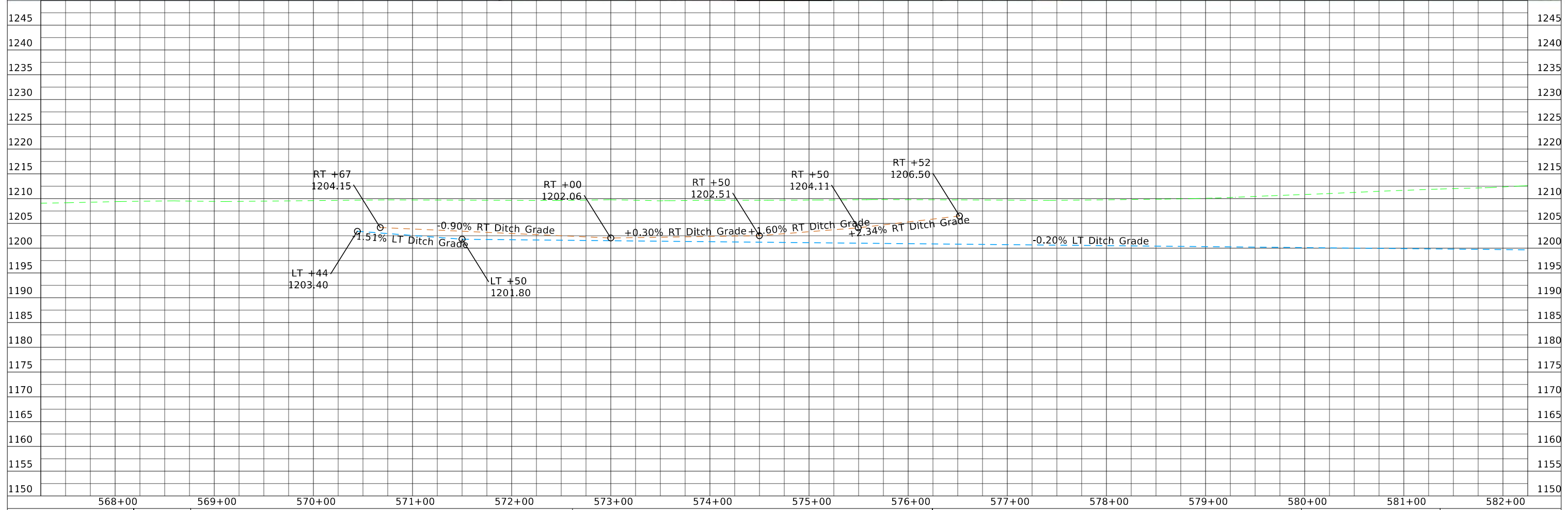
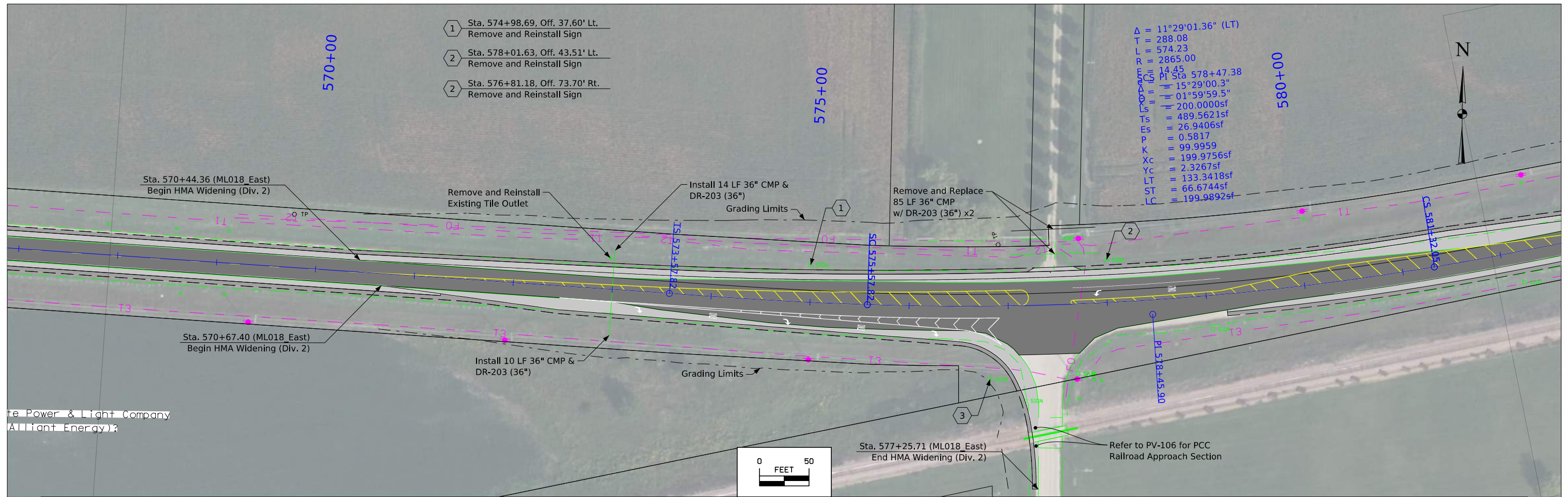


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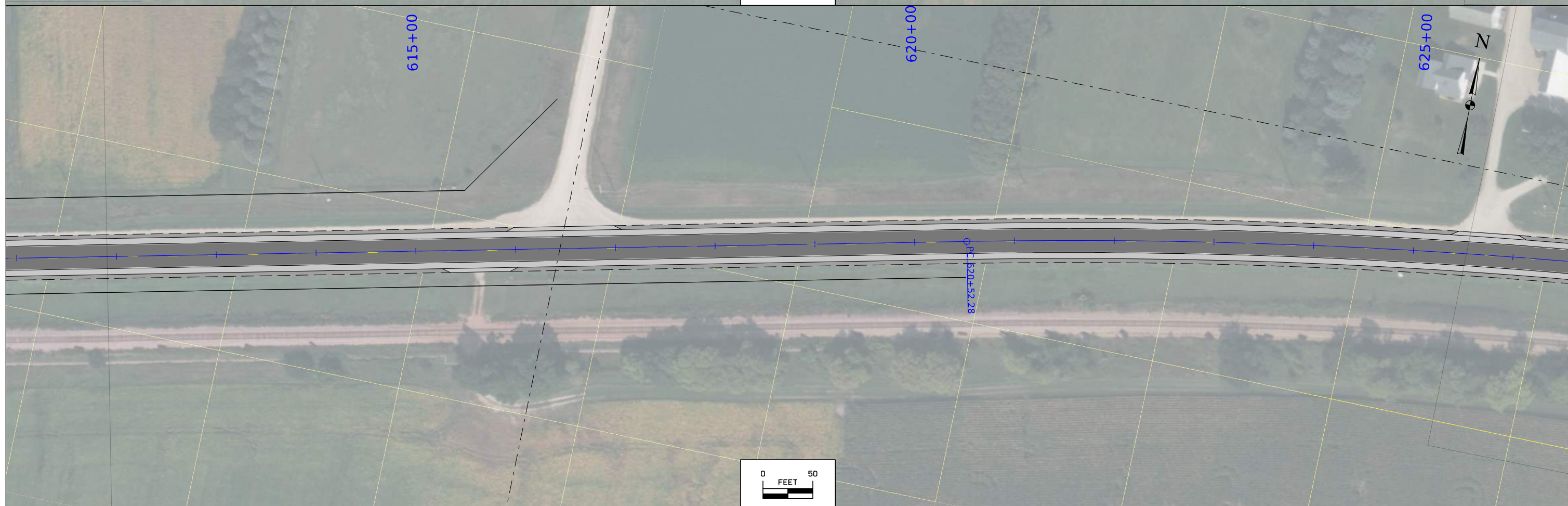
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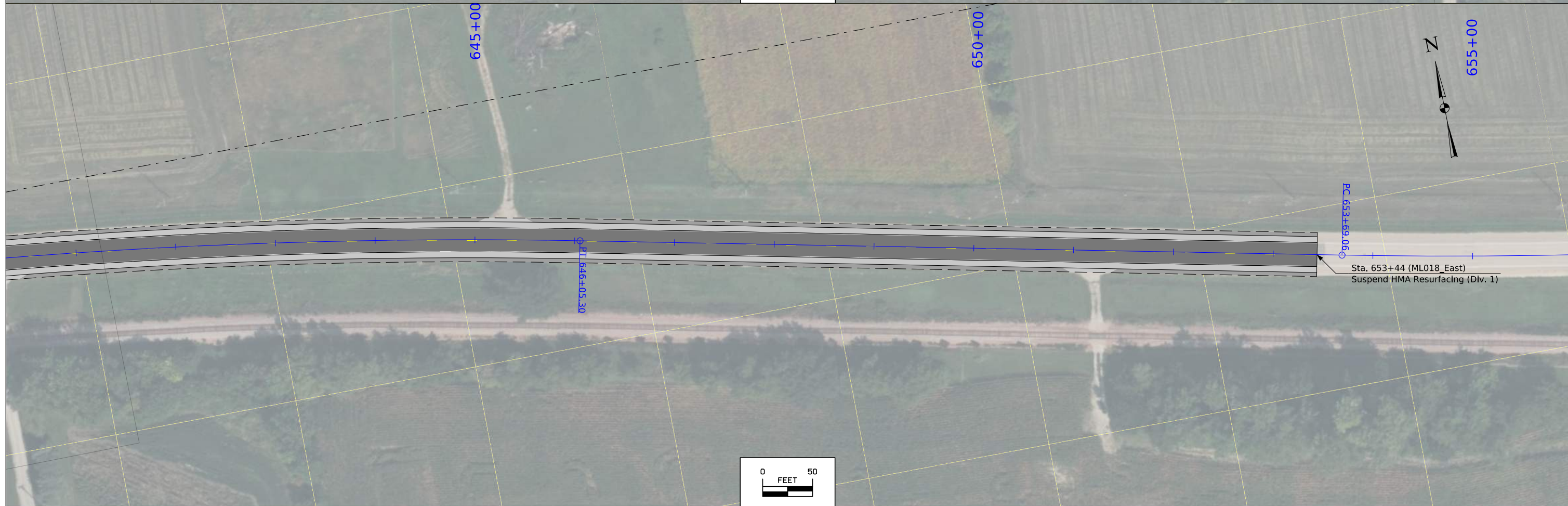
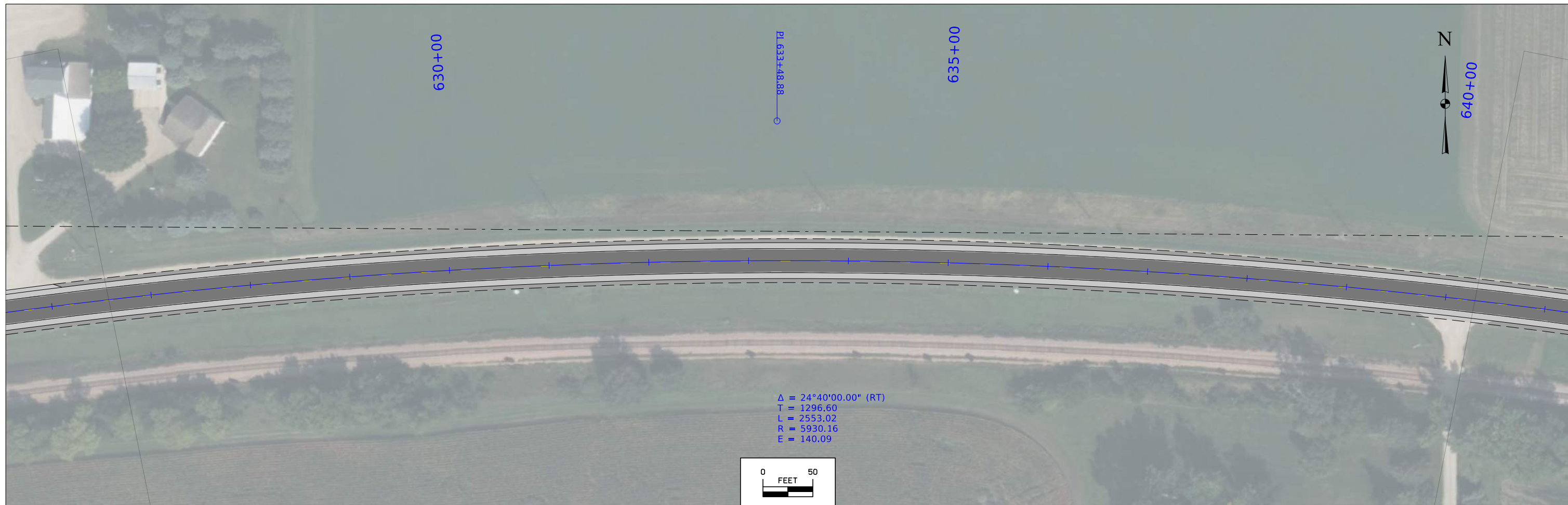


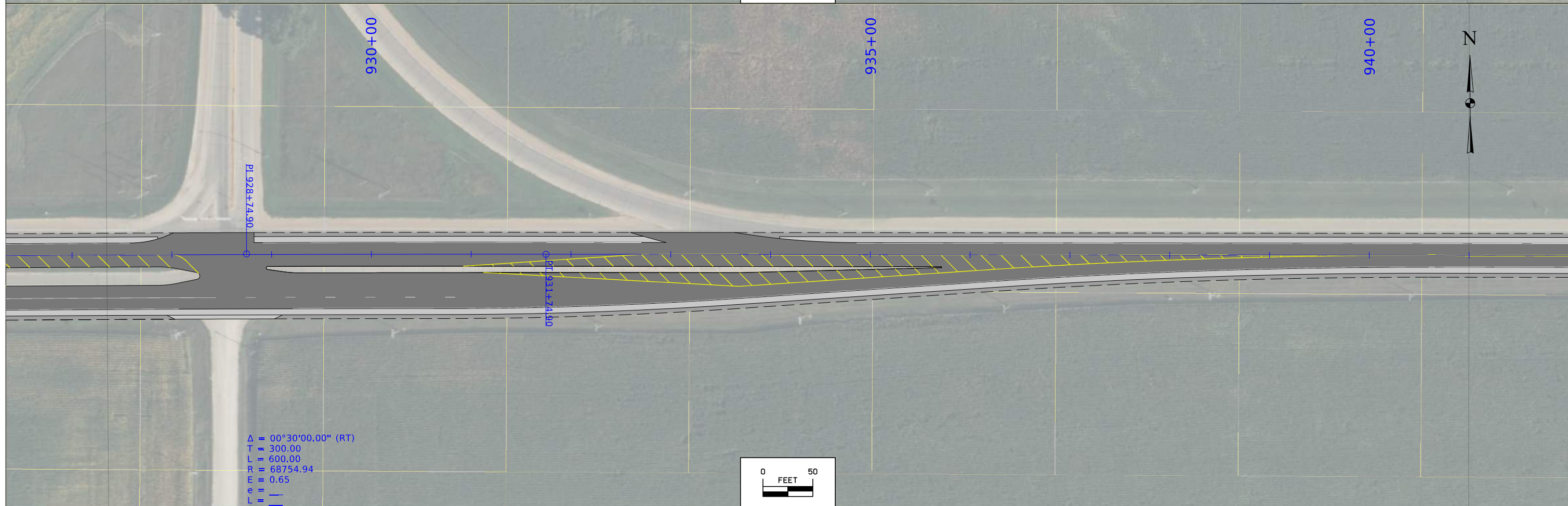
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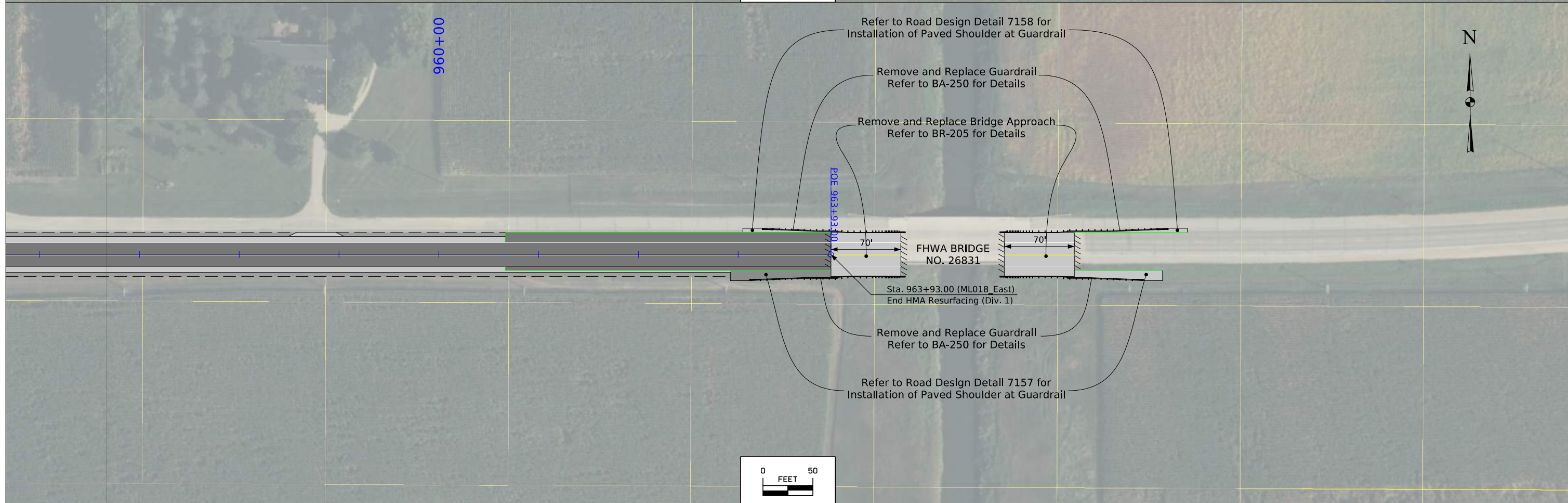
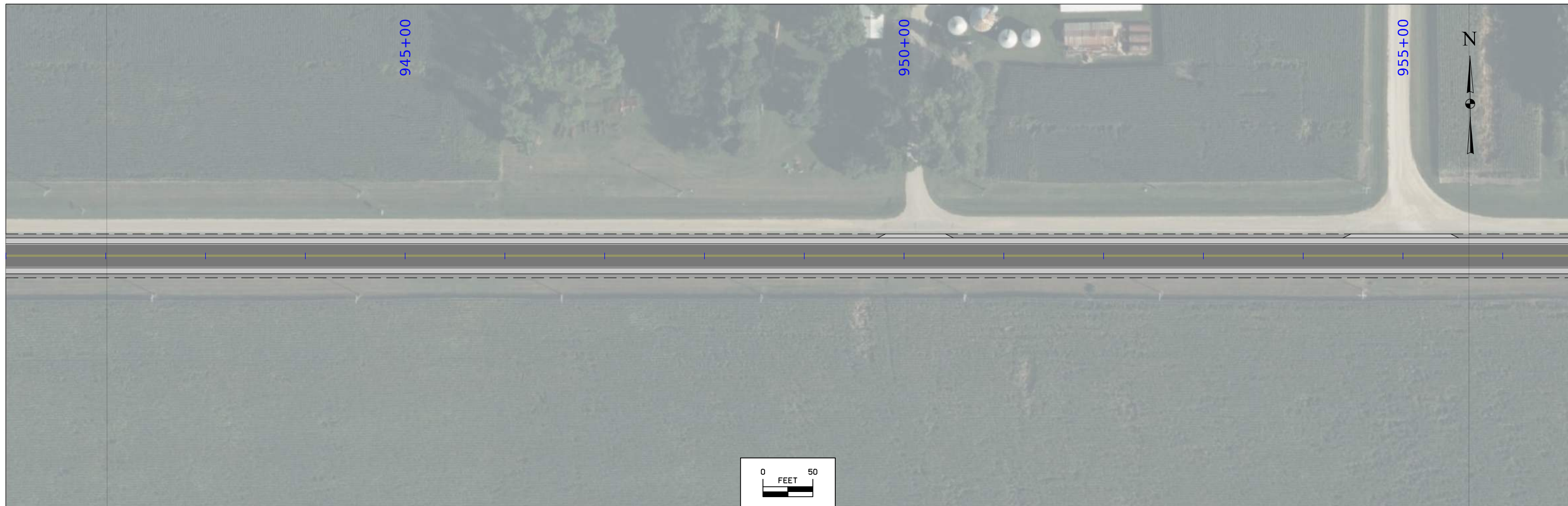
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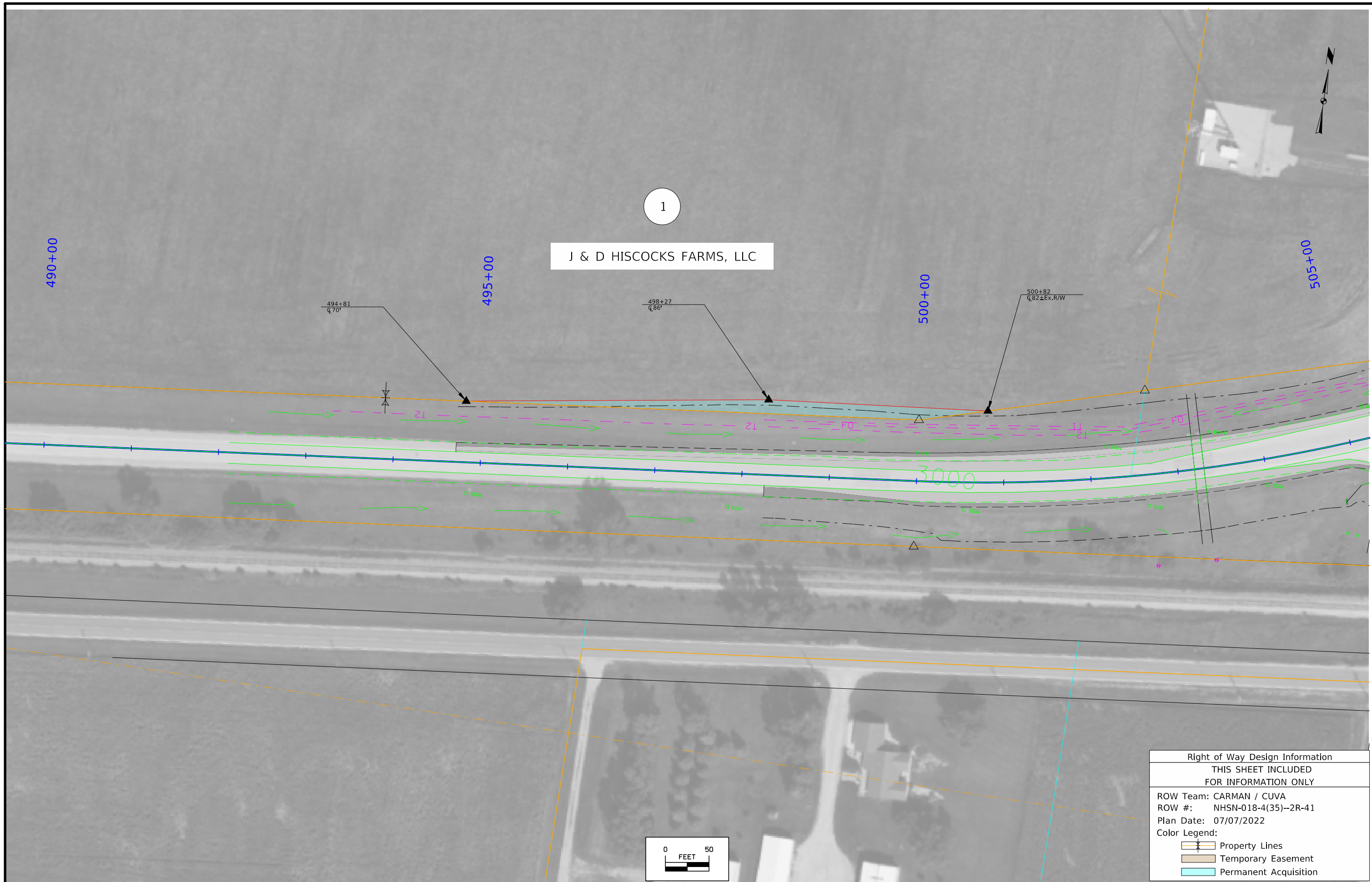






NO ACCESS RIGHTS ARE TO BE ACQUIRED ON THIS PROJECT.

ACCESS CONTROL PREVIOUSLY ACQUIRED.



1

J & D HISCOCKS FARMS, LLC

490+00

495+00

500+00

505+00

494+81  
470'

498+27  
486'

500+82  
682± Ex. R/W

3000

SIGN

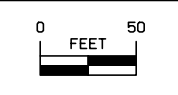
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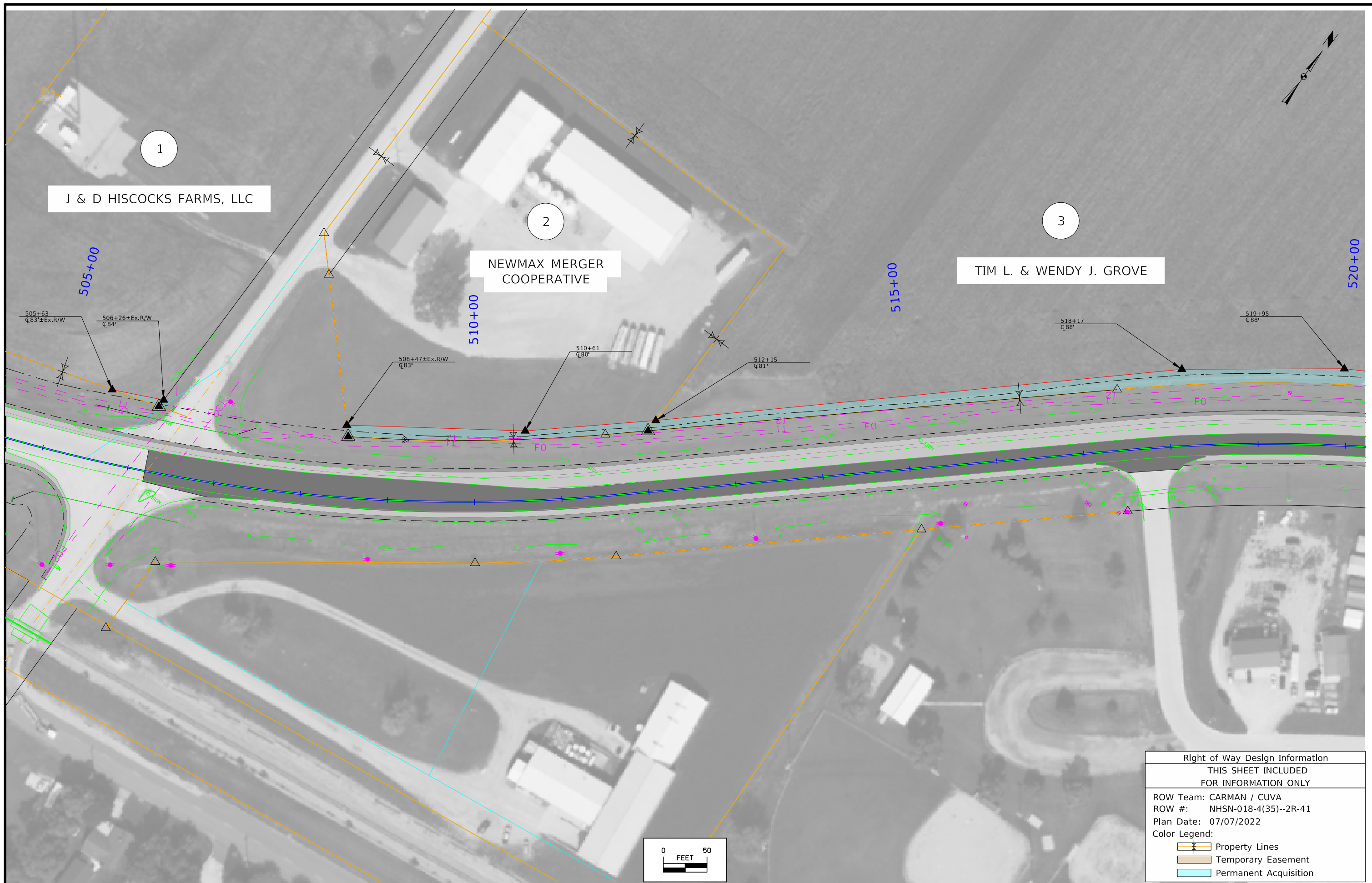
SIGN

SIGN

SIGN

Right of Way Design Information	
THIS SHEET INCLUDED FOR INFORMATION ONLY	
ROW Team: CARMAN / CUVA	
ROW #: NHSN-018-4(35)--2R-41	
Plan Date: 07/07/2022	
Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition





1

J & D HISCOCKS FARMS, LLC

2

NEWMAX MERGER  
COOPERATIVE

3

TIM L. & WENDY J. GROVE

505+00 510+00 515+00 520+00

505+63  
± Ex. R/W  
± 83'

506+26 ± Ex. R/W  
± 84'

508+47 ± Ex. R/W  
± 83'

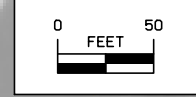
510+61  
± 80'

512+15  
± 81'

518+17  
± 88'

519+95  
± 88'

Right of Way Design Information	
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Plan Date: 07/07/2022	
Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition



3

TIM L. & WENDY J. GROVE

525+00




530+00

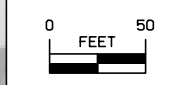
522+35  
G.86'

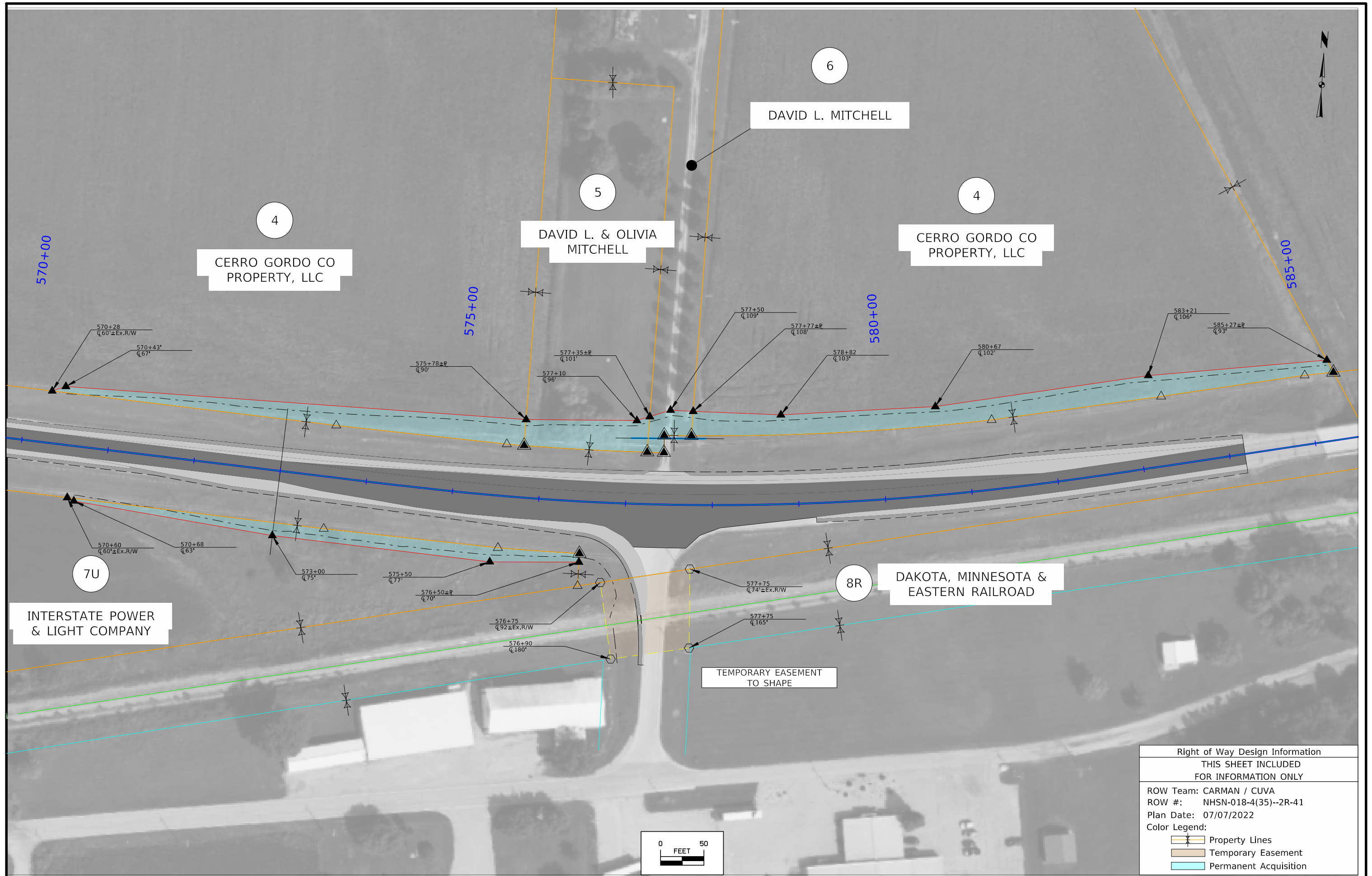
525+05  
G.81'

525+90±P  
G.70'

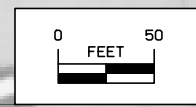


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	Property Lines
	Temporary Easement
	Permanent Acquisition

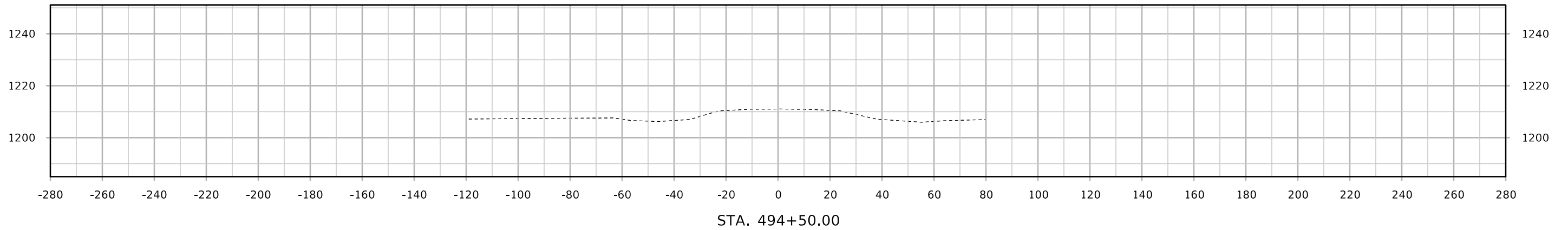
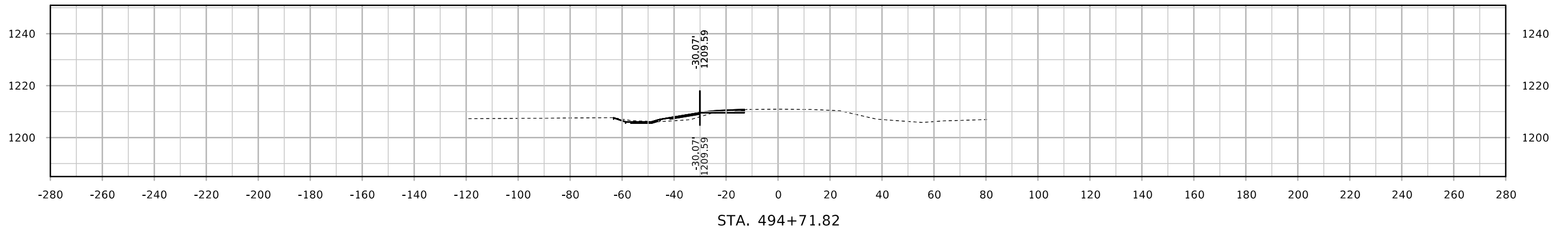
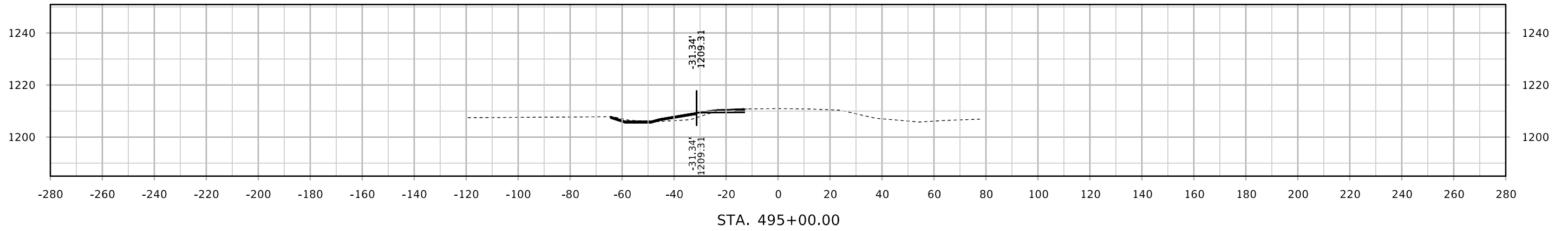




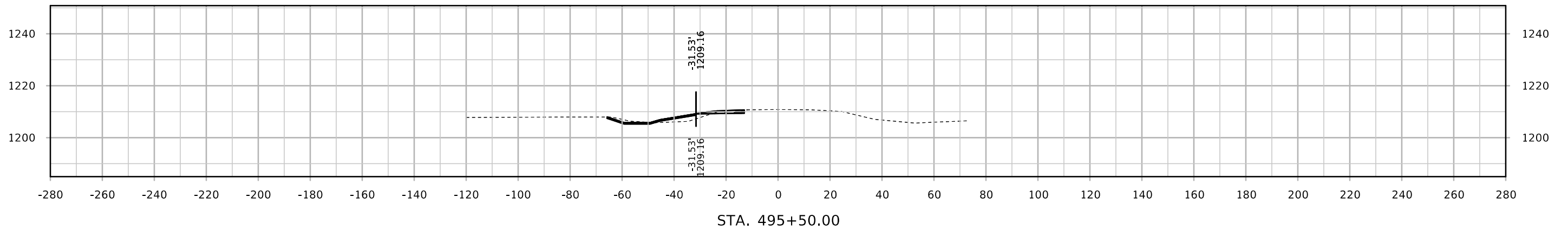
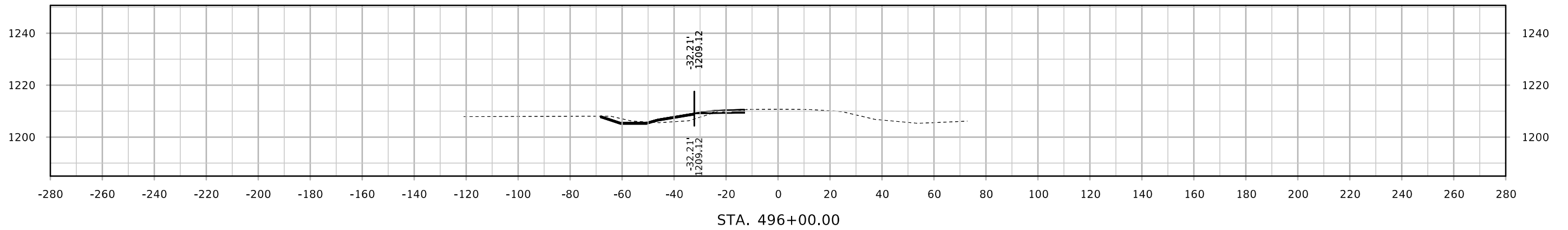
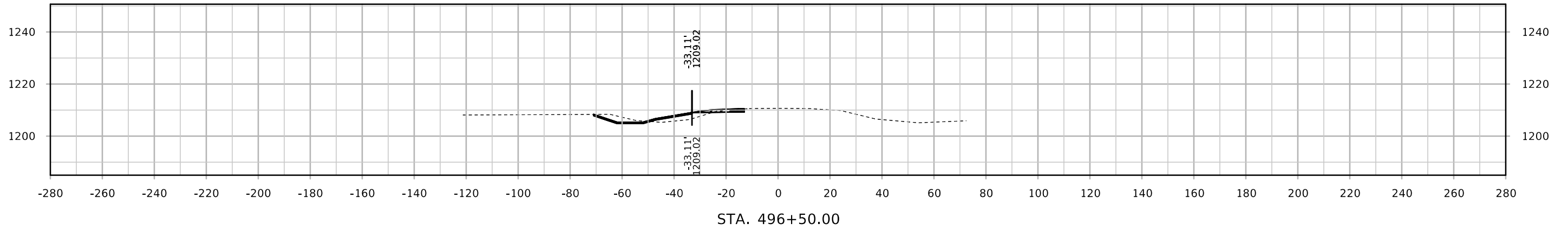
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Plan Date: 07/07/2022	
Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition



# US18

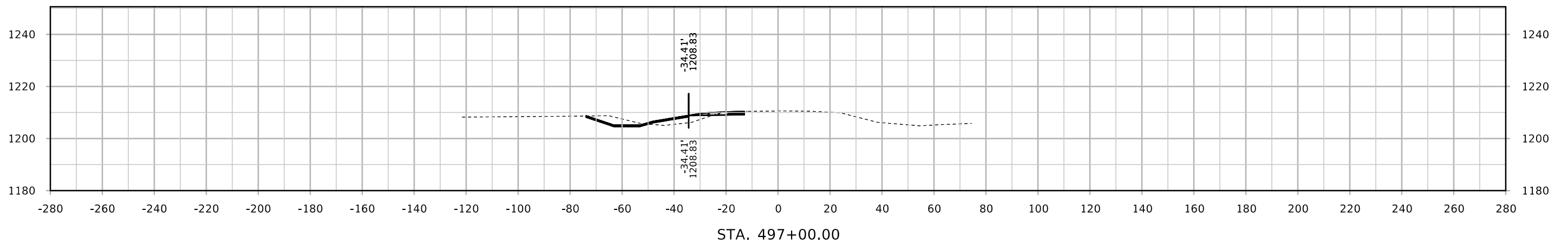
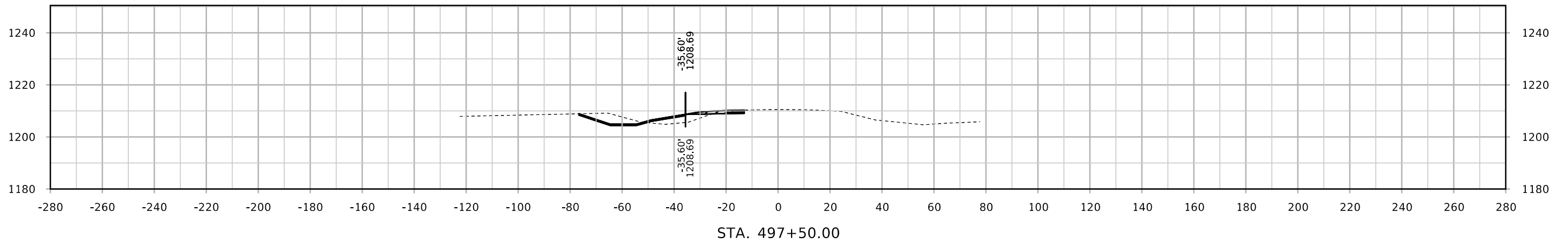
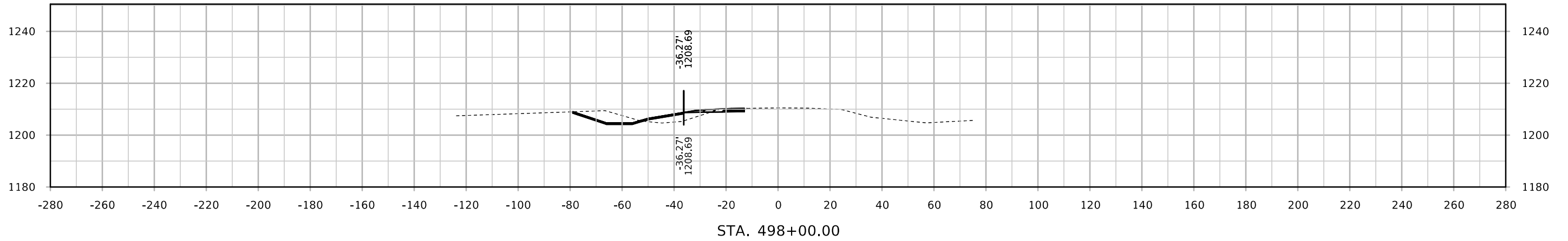


# US18

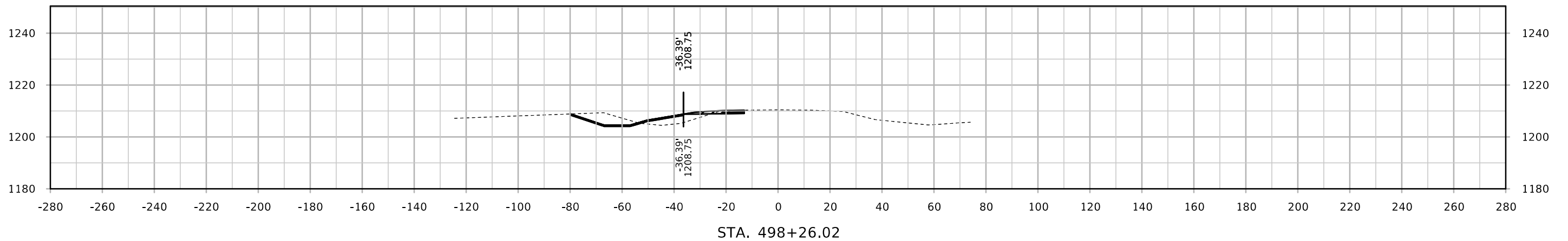
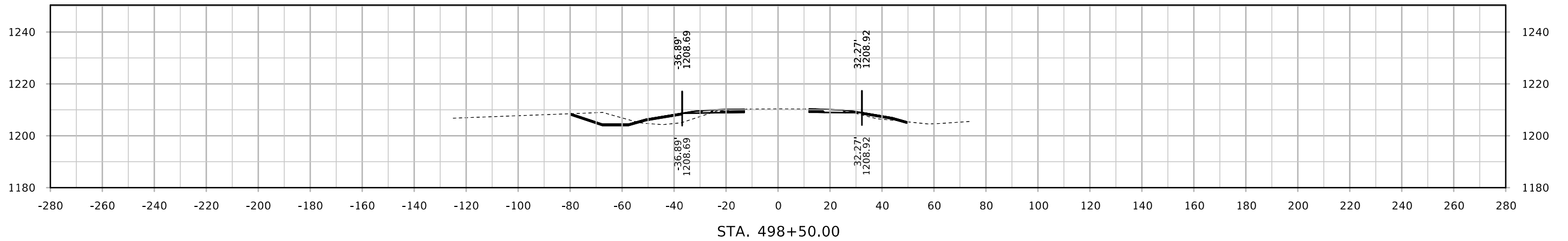
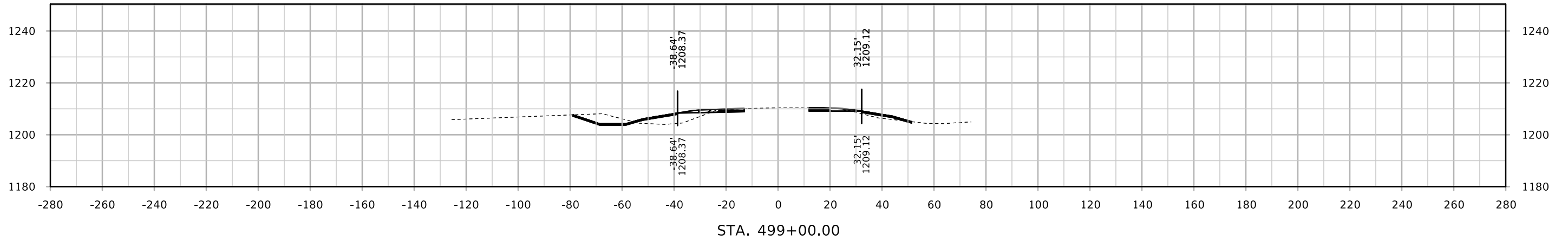




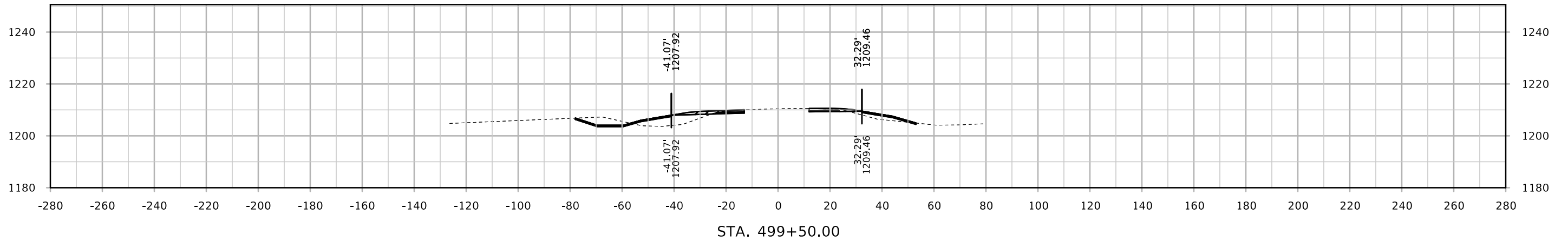
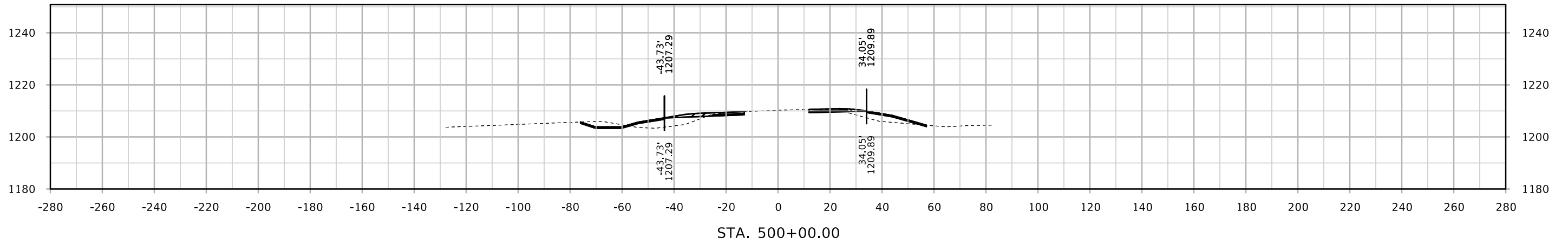
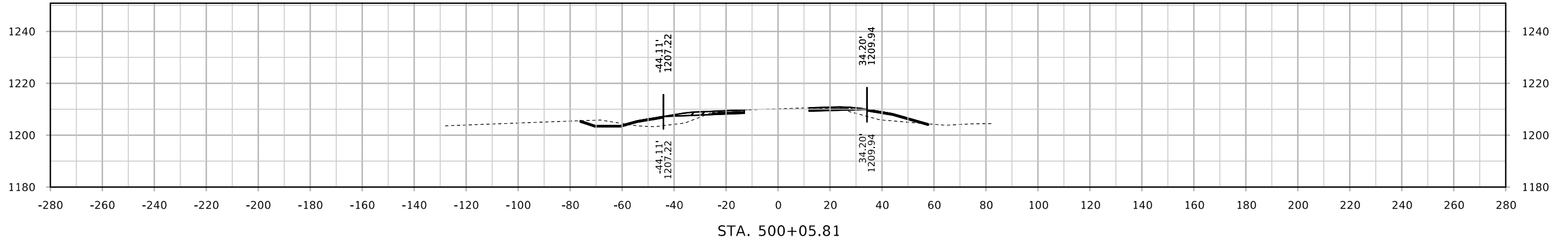
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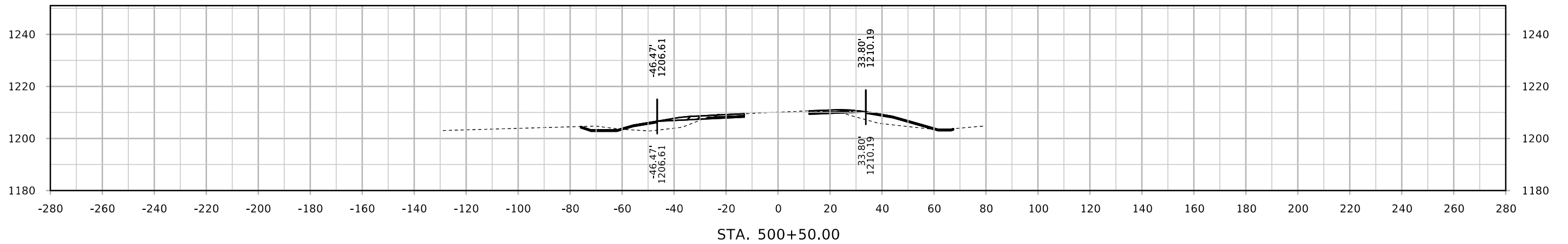
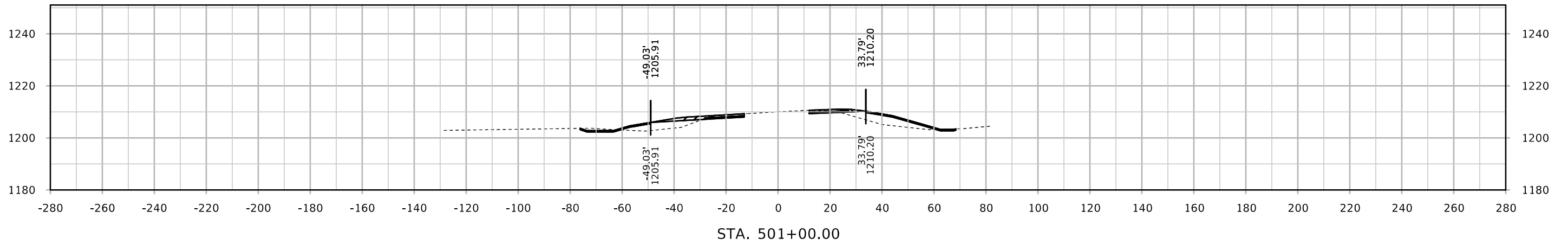
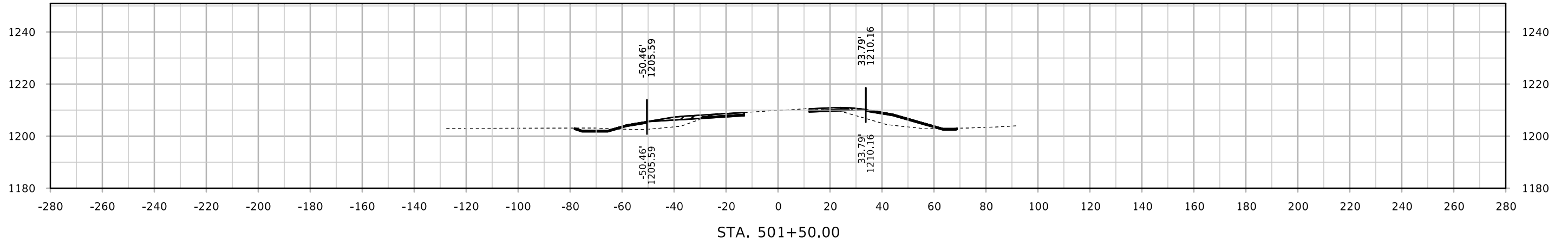
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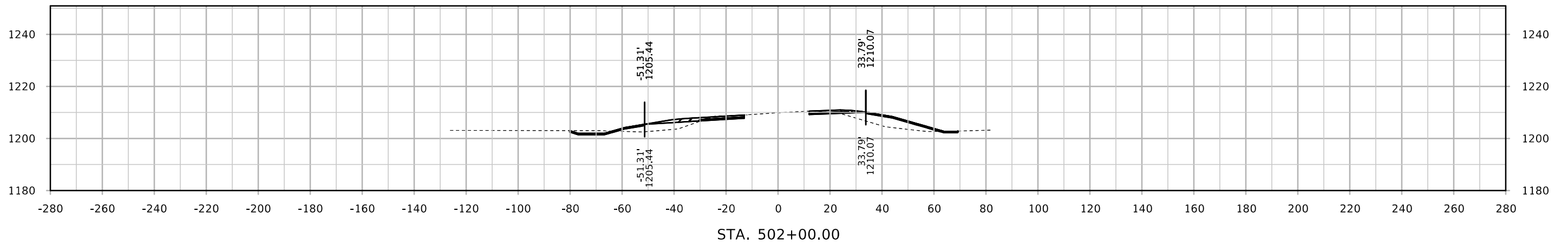
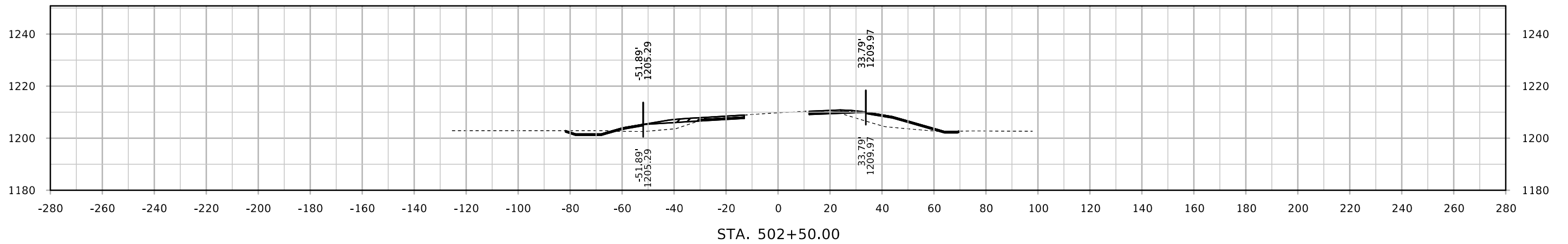
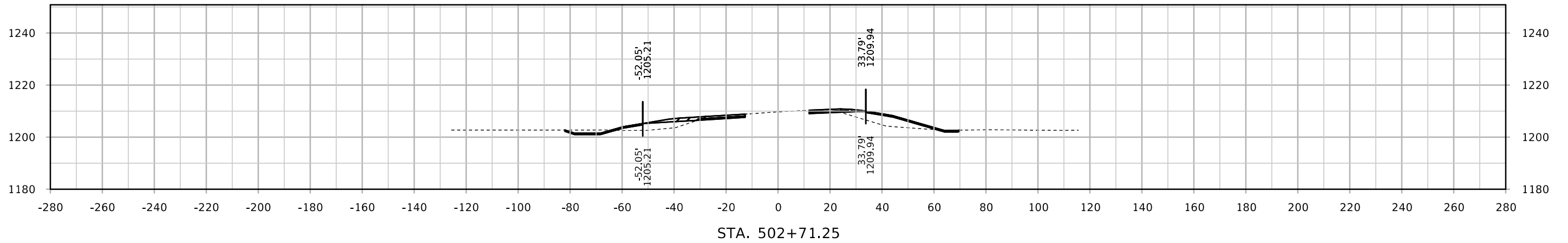
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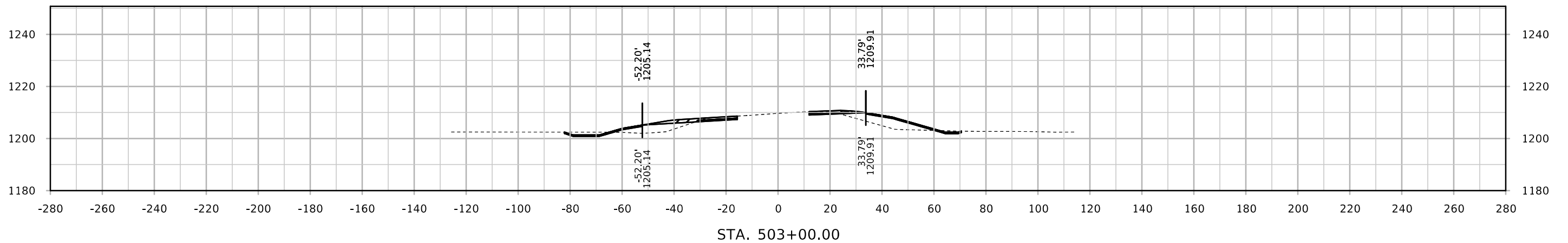
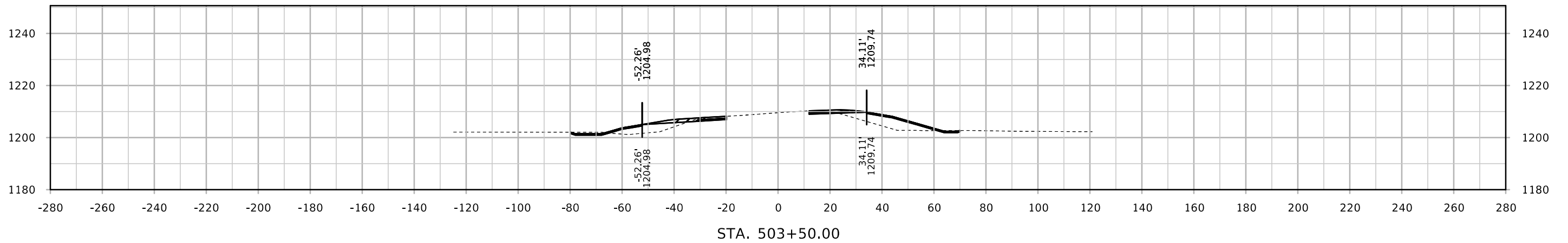
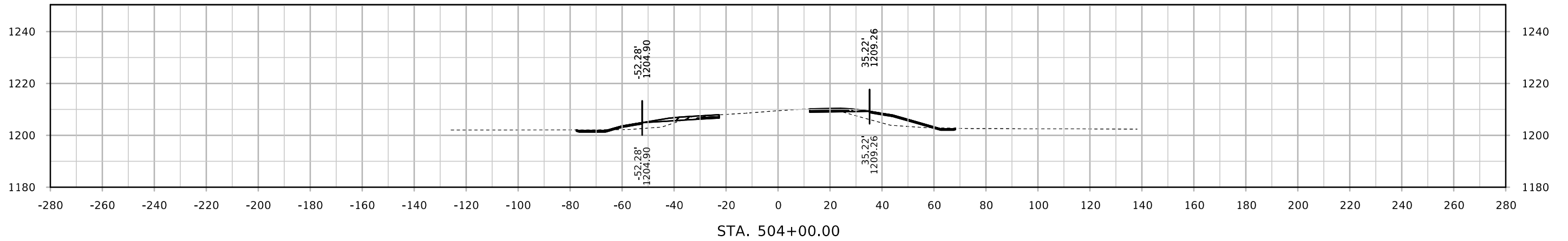
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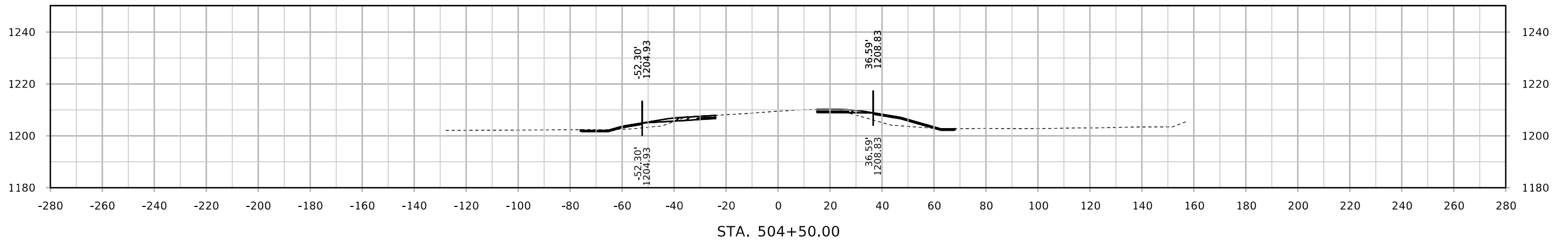
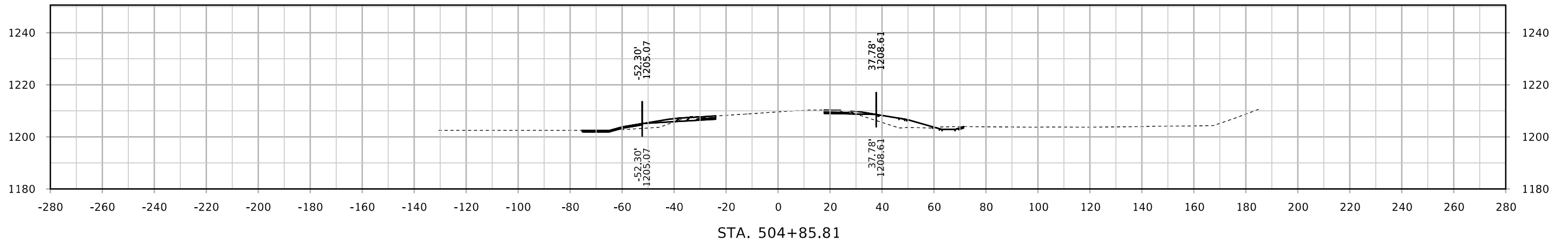
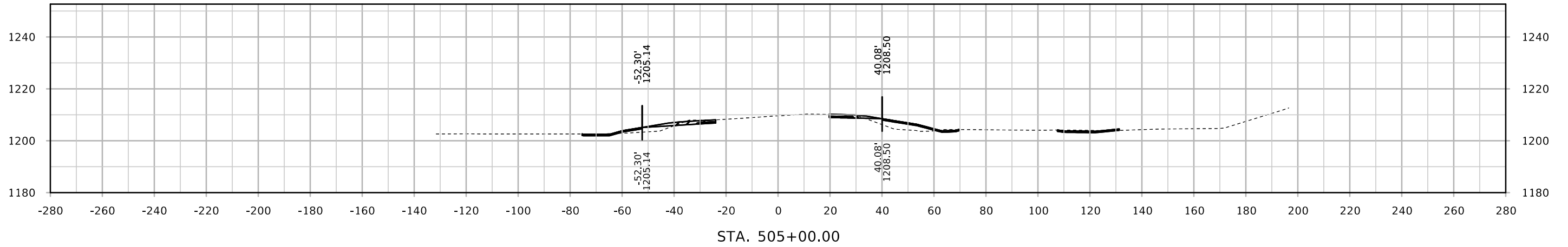
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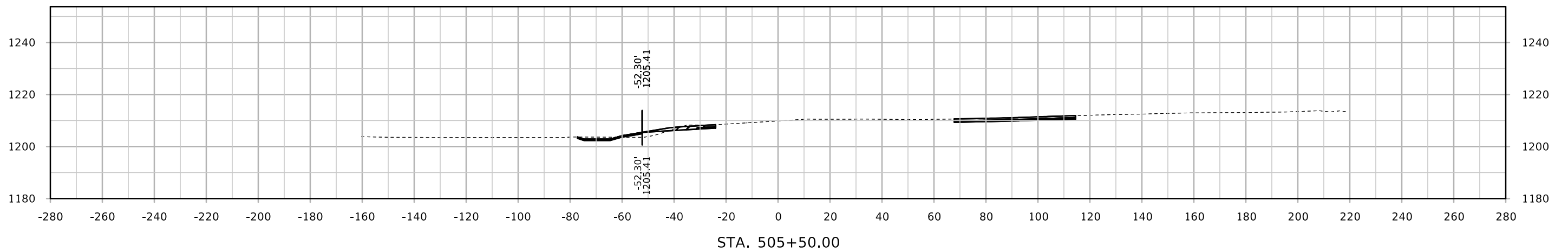
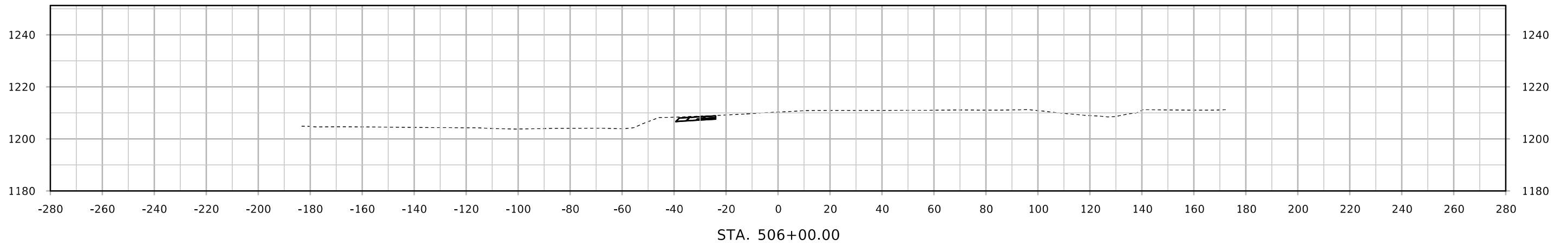
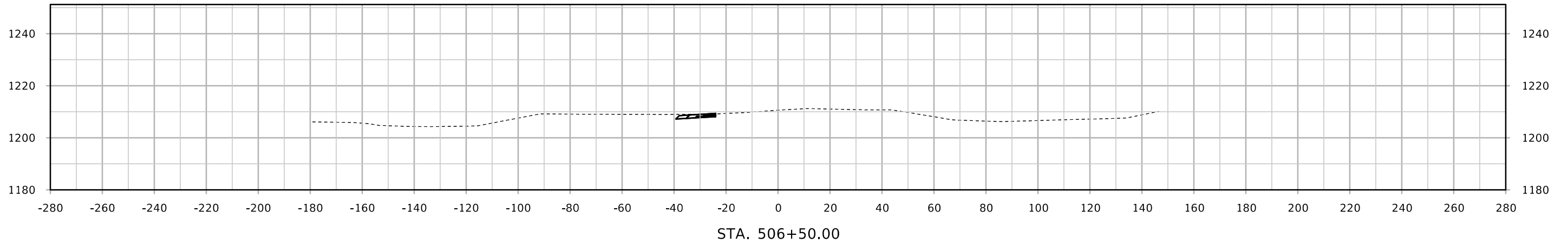
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# US18

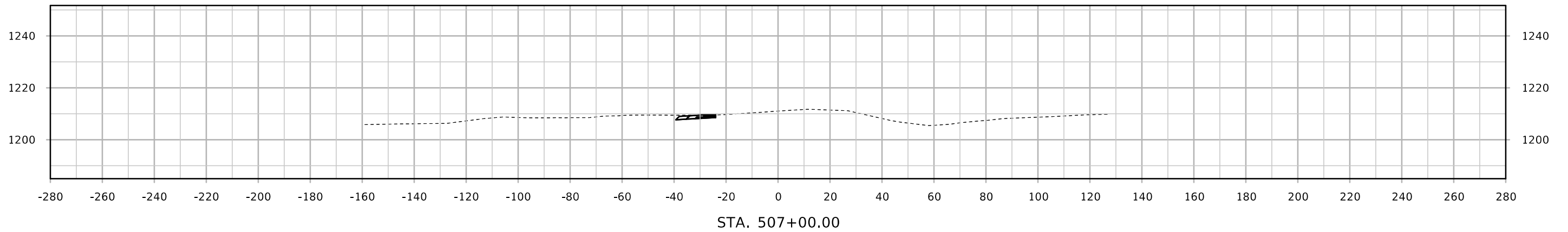
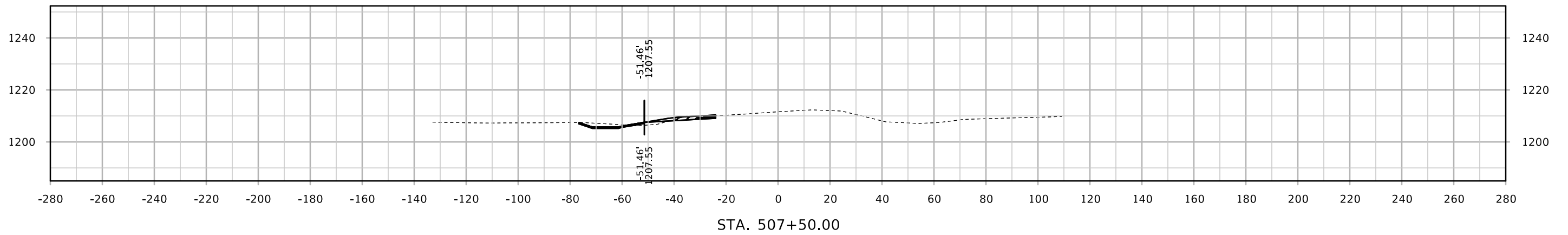
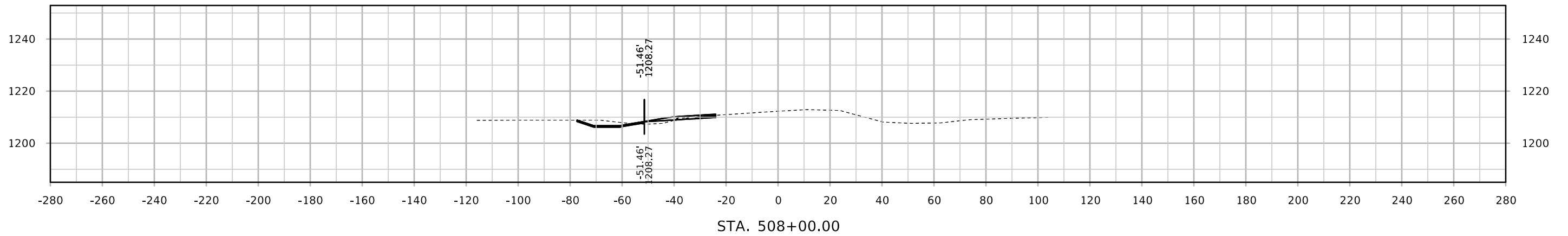


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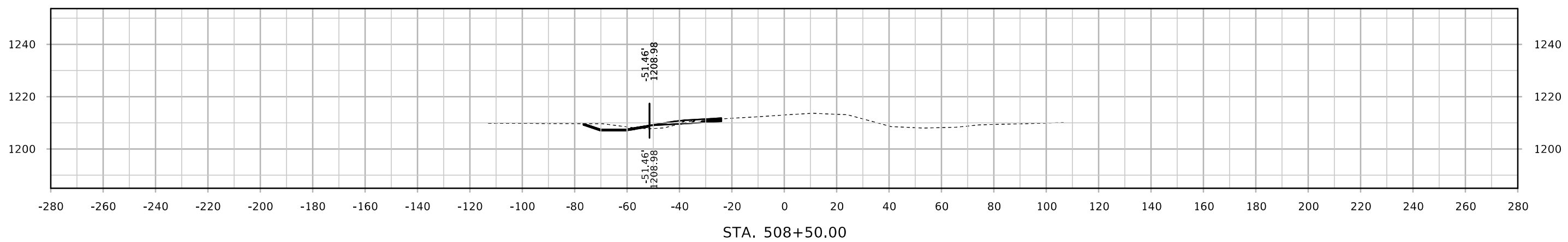
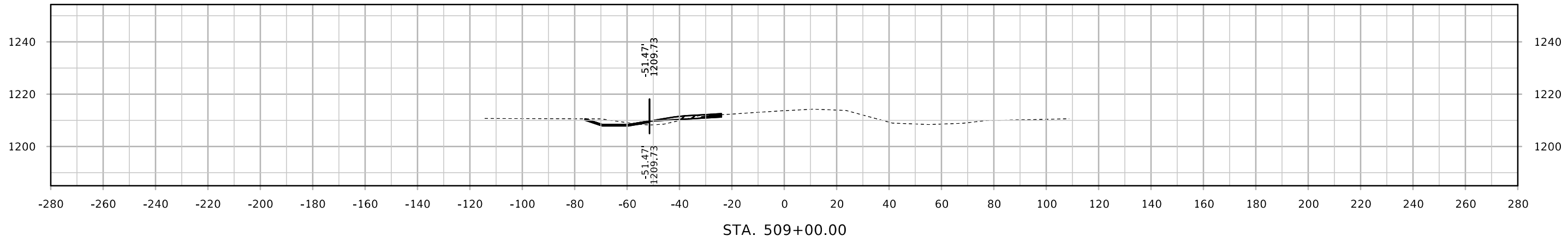
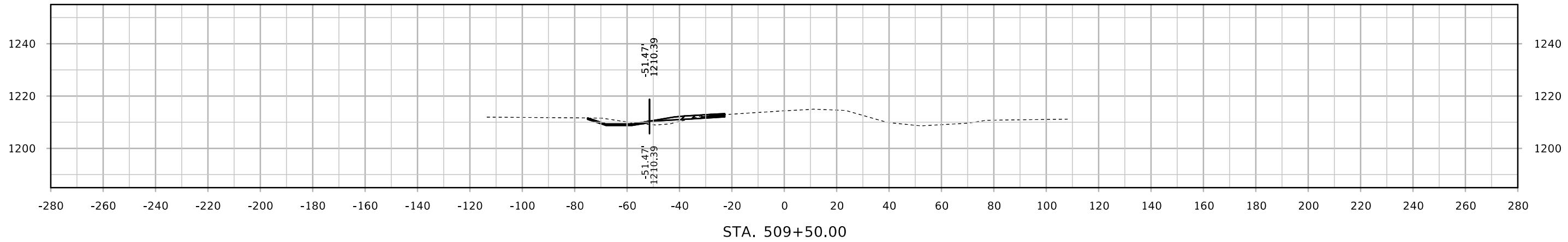




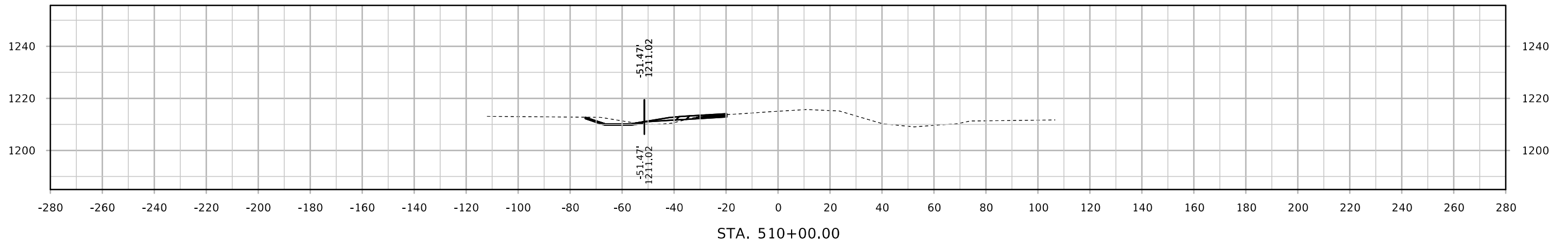
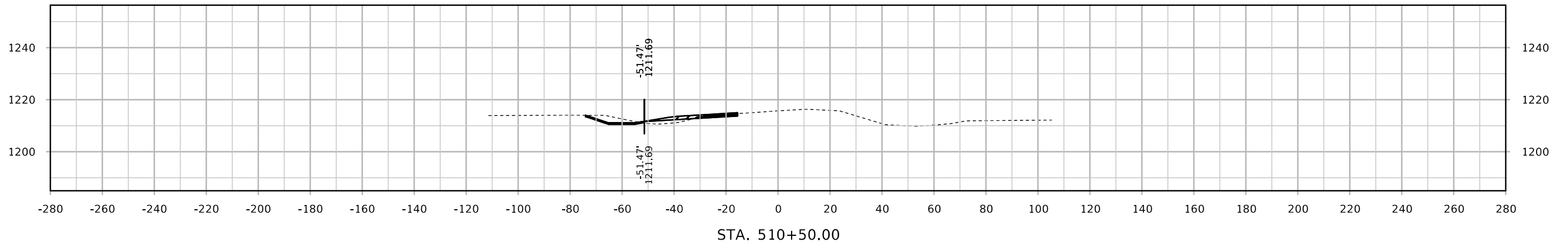
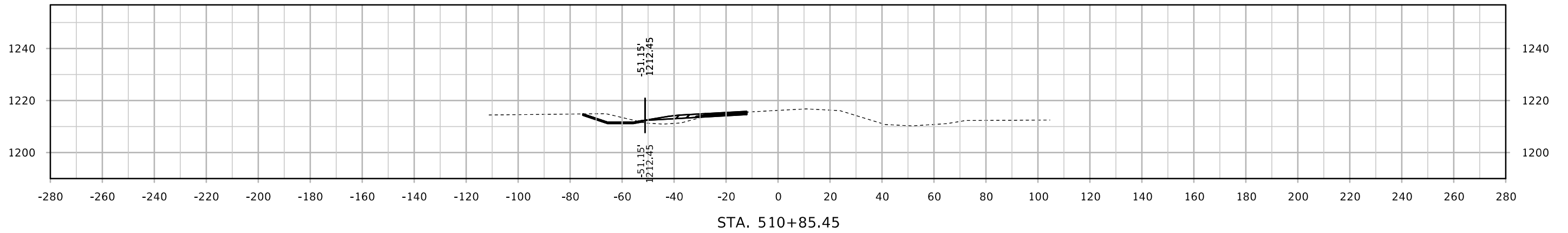
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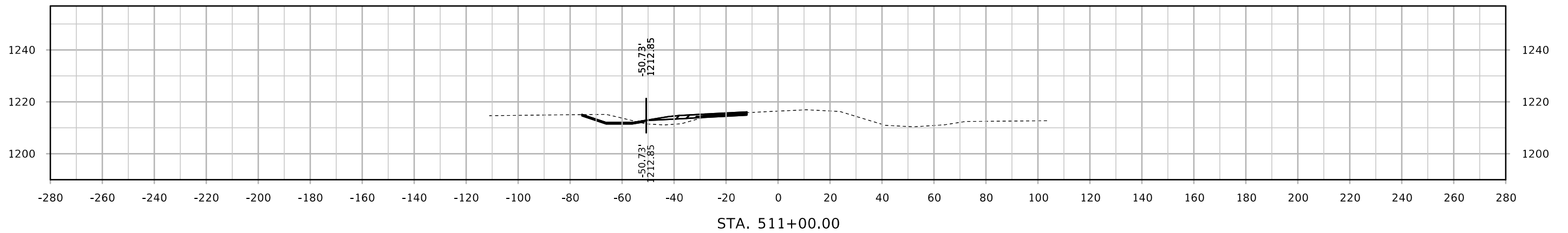
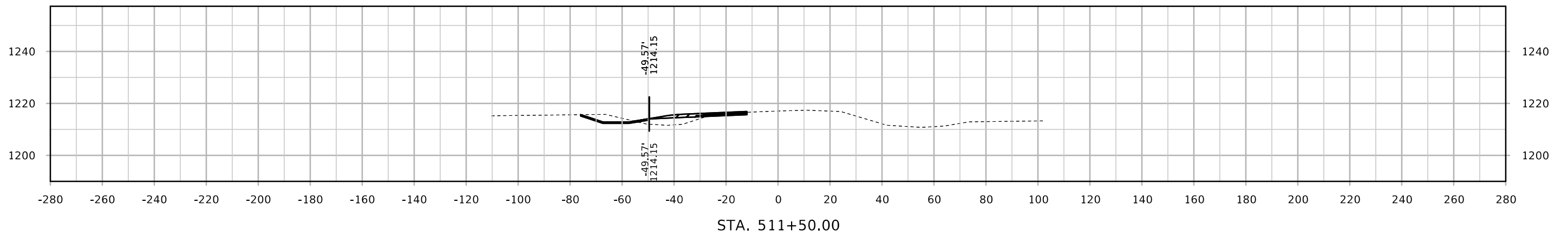
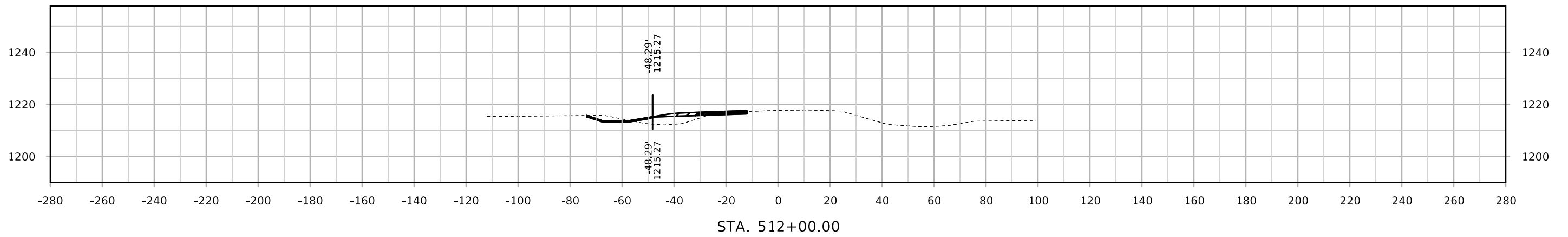
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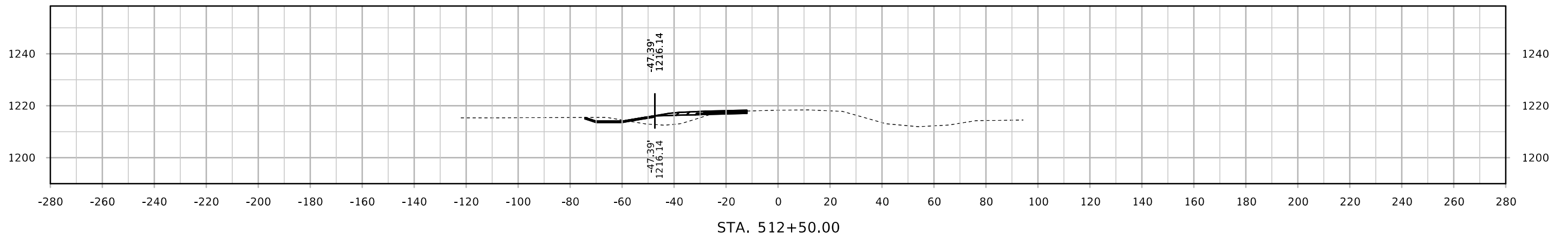
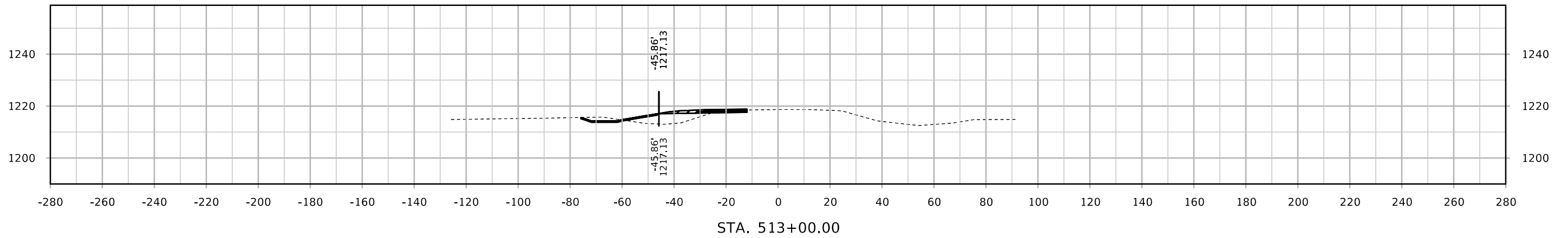
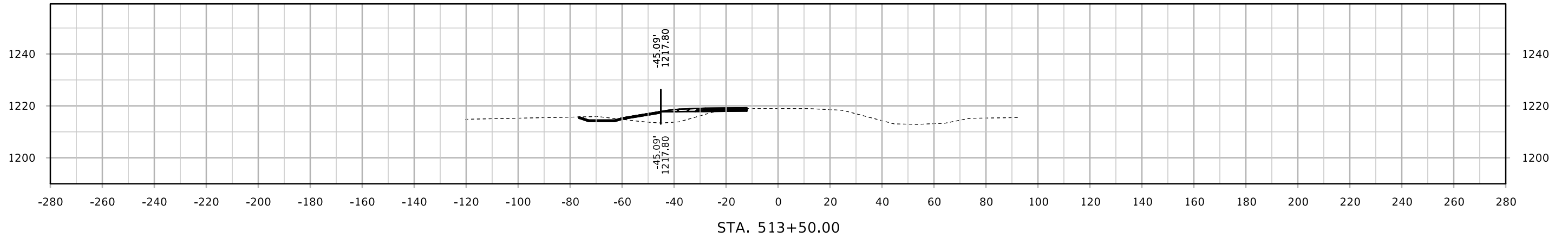
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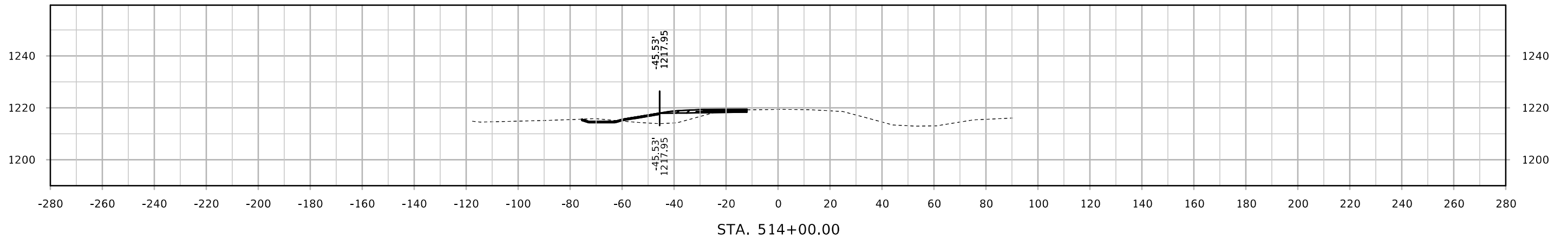
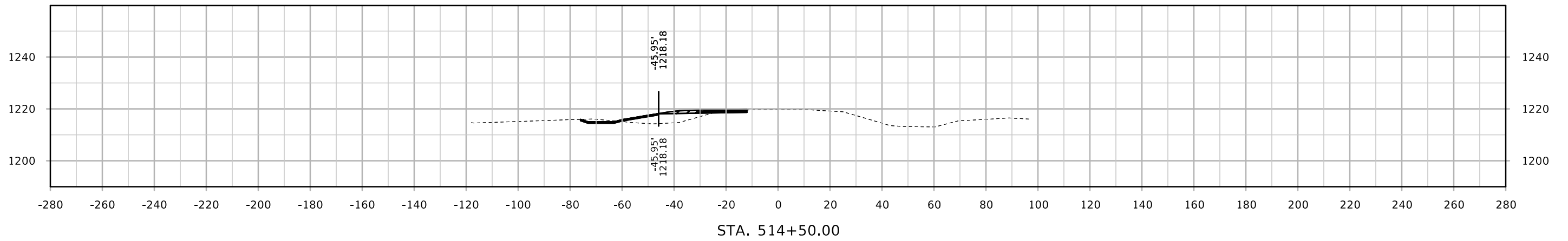
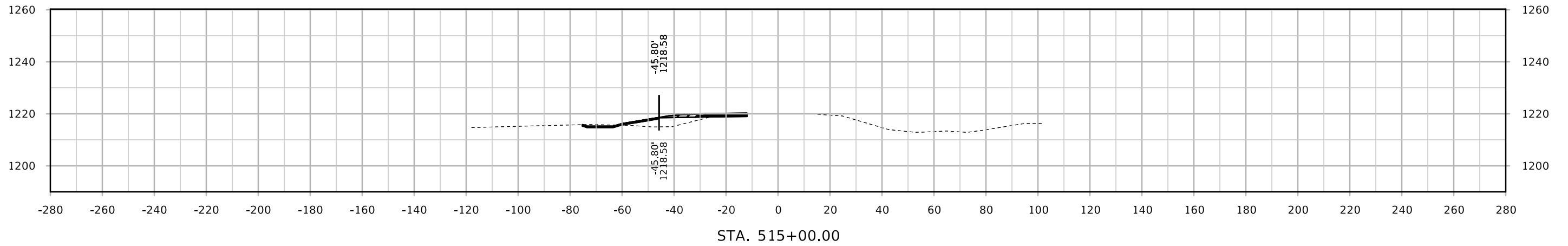
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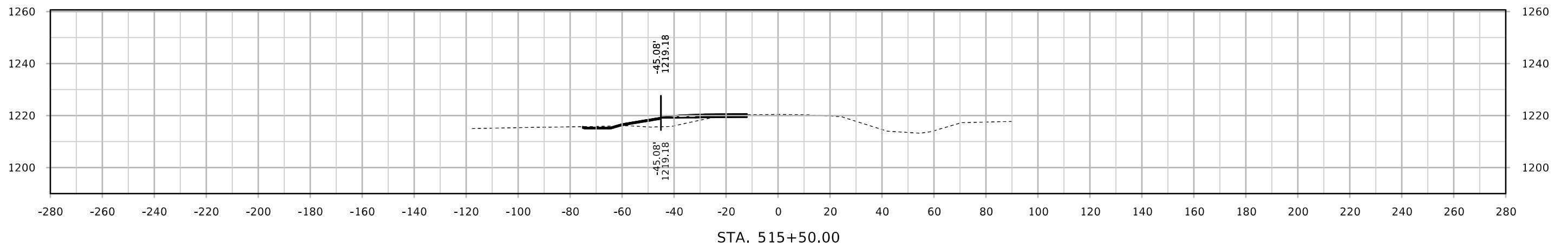
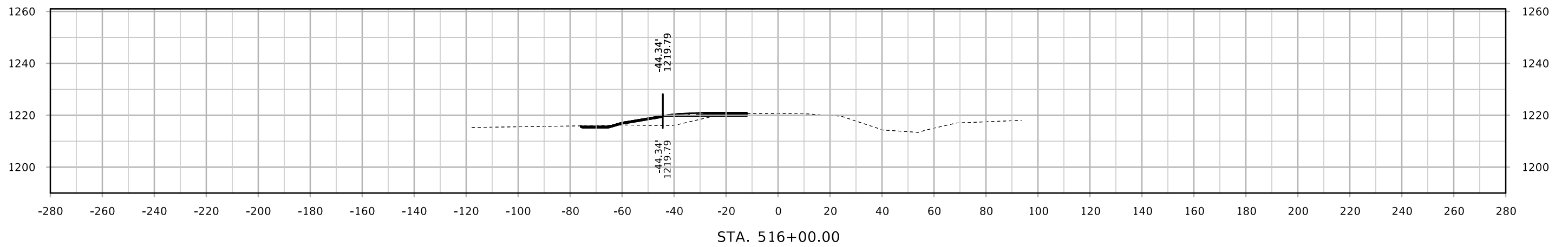
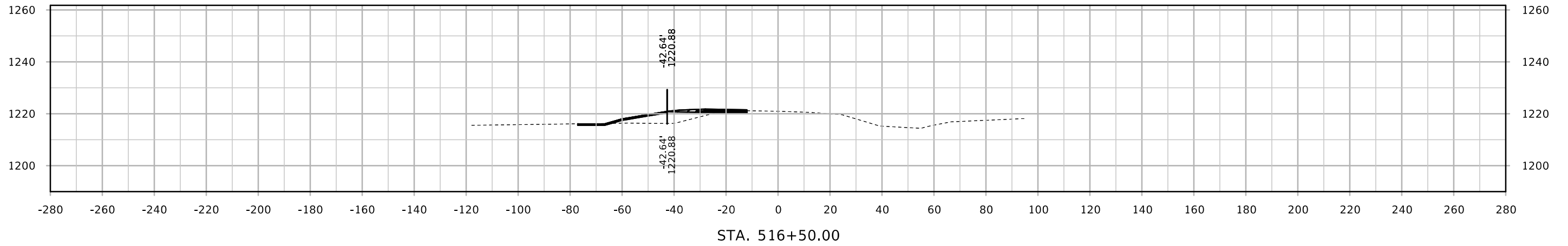
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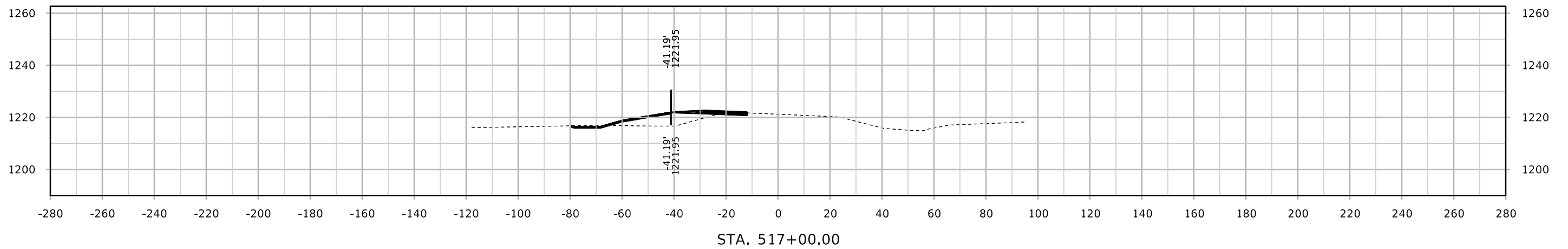
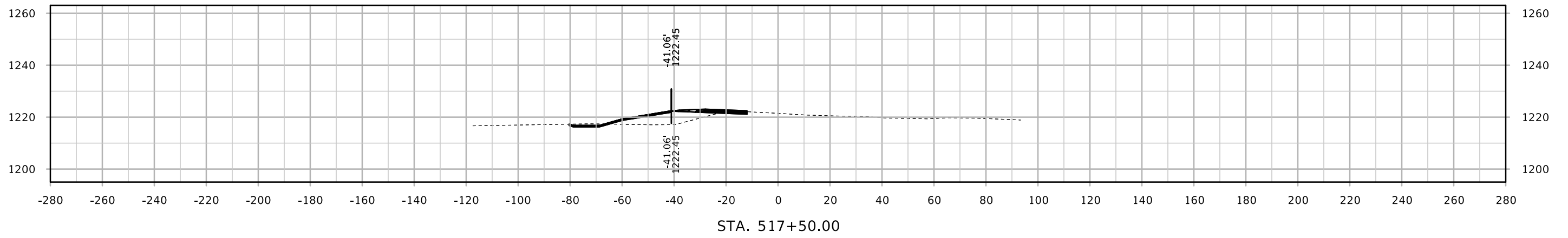
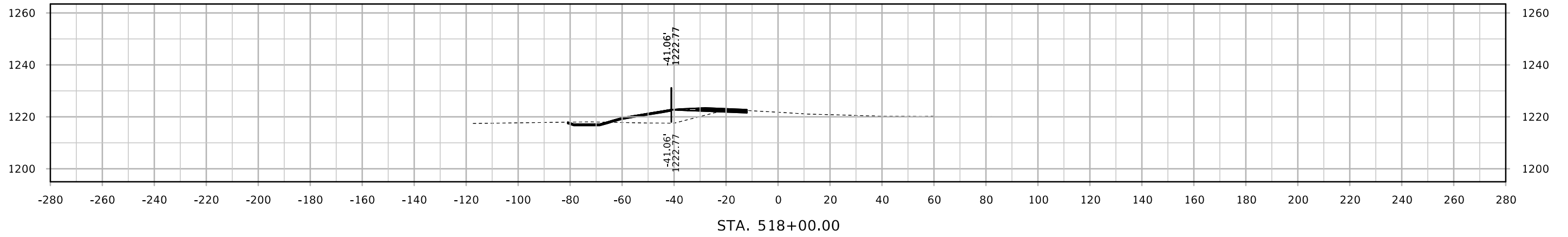
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# US18

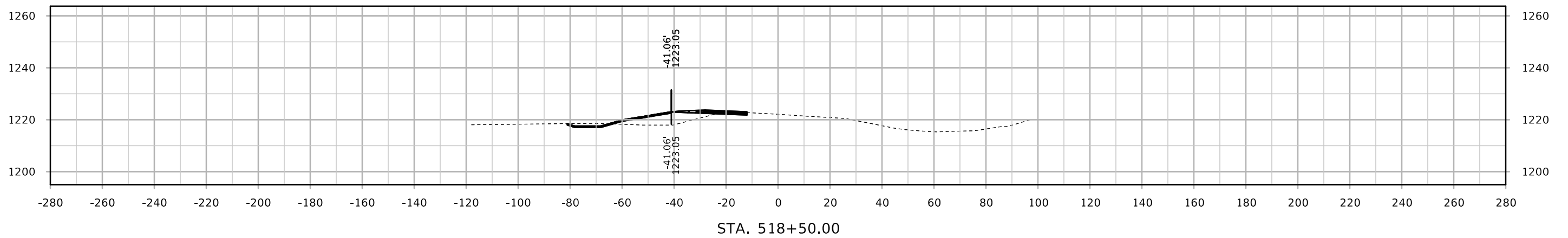
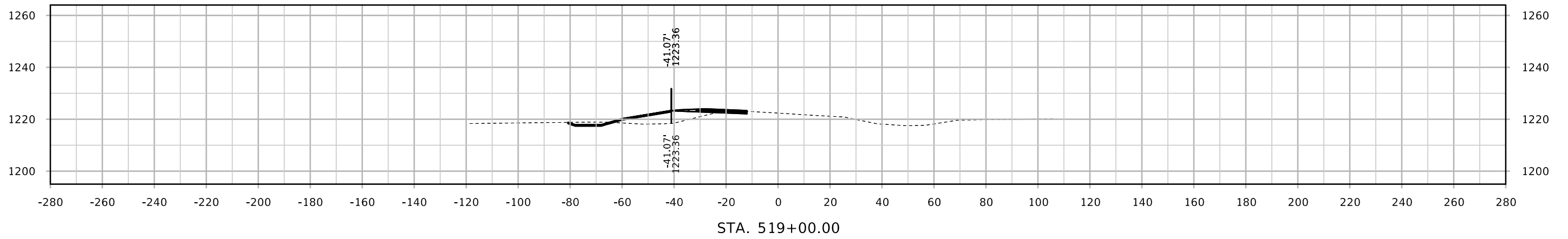
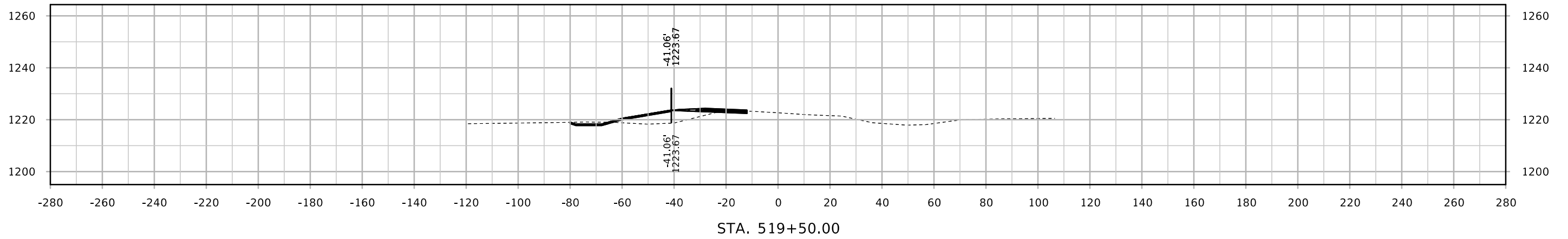


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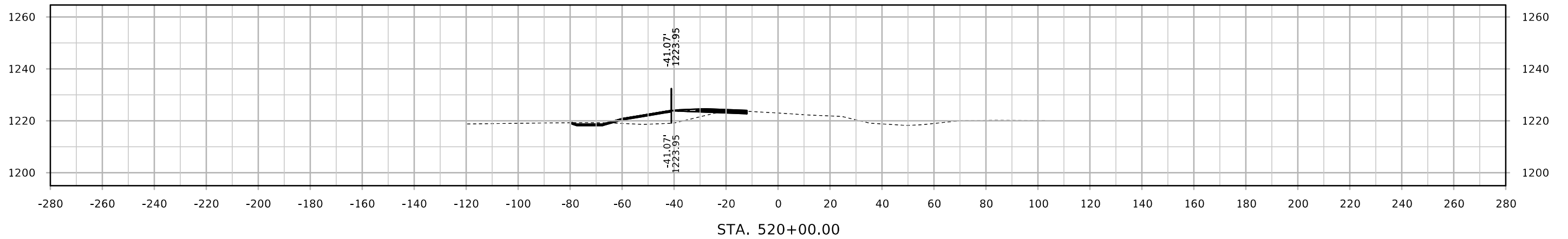
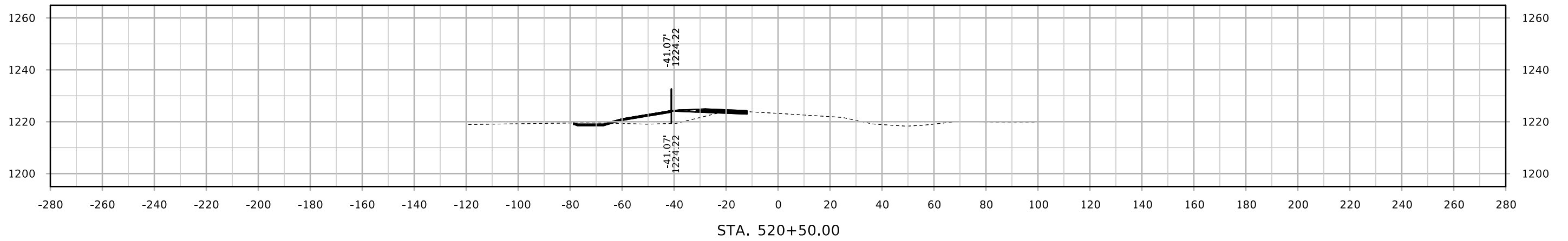
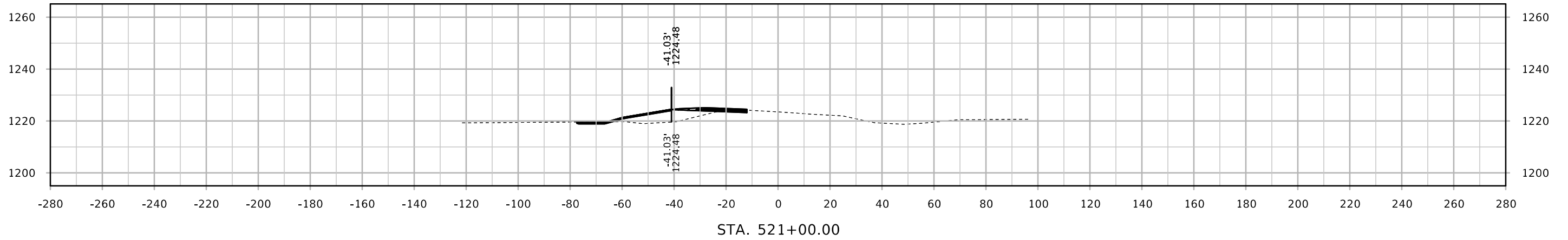




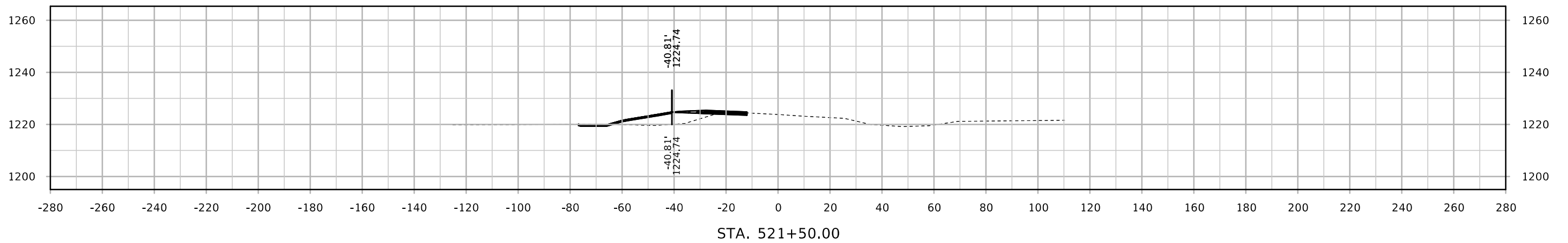
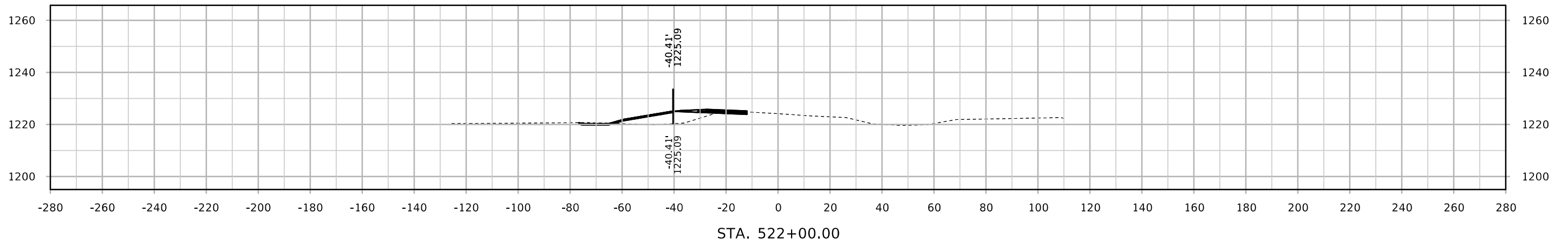
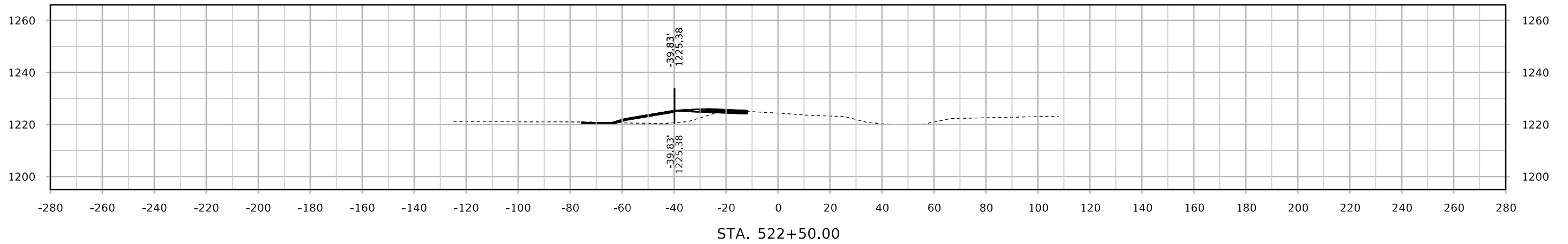
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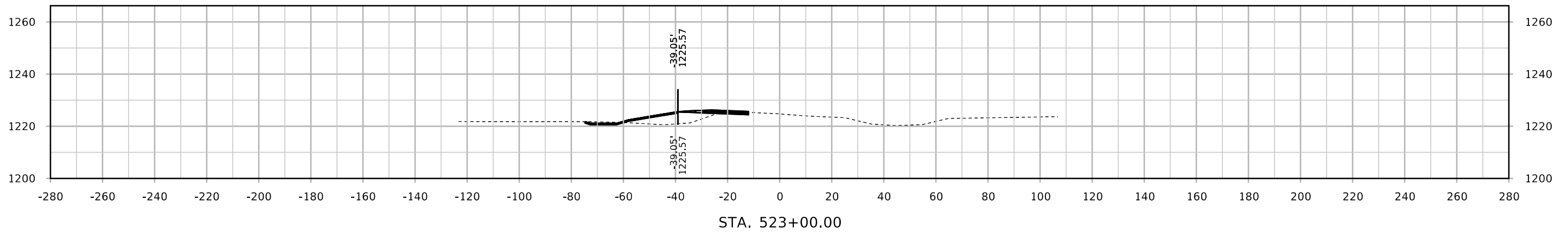
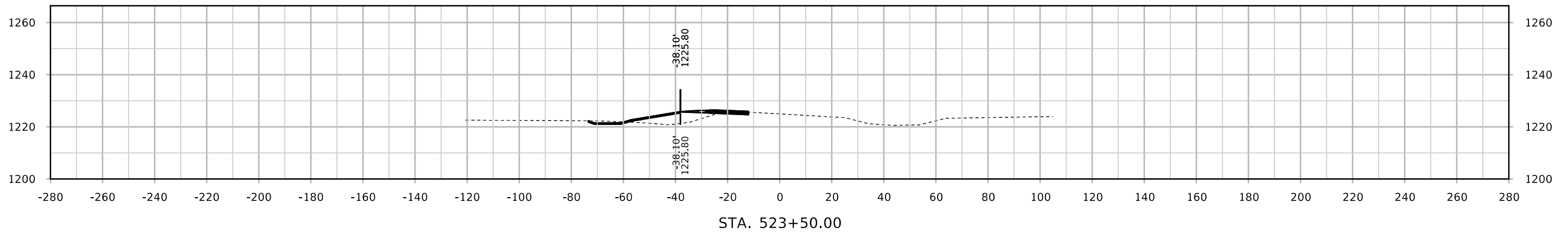
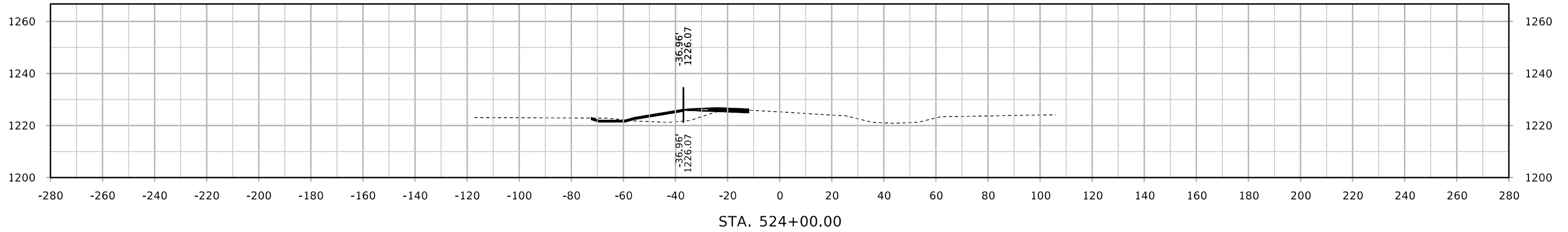
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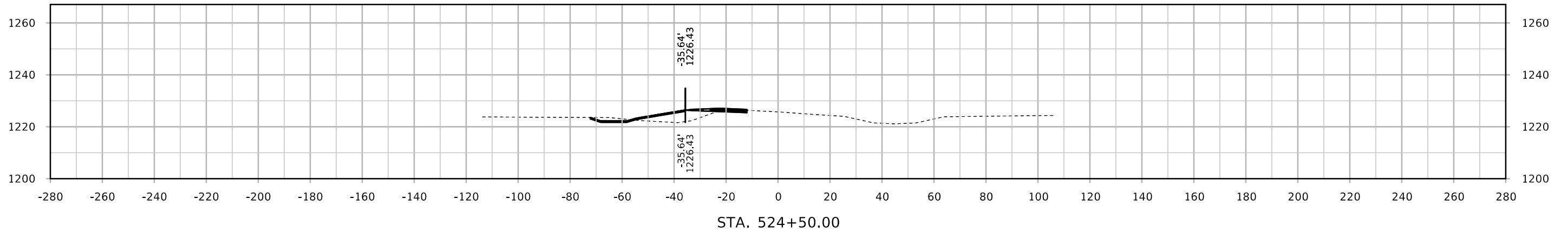
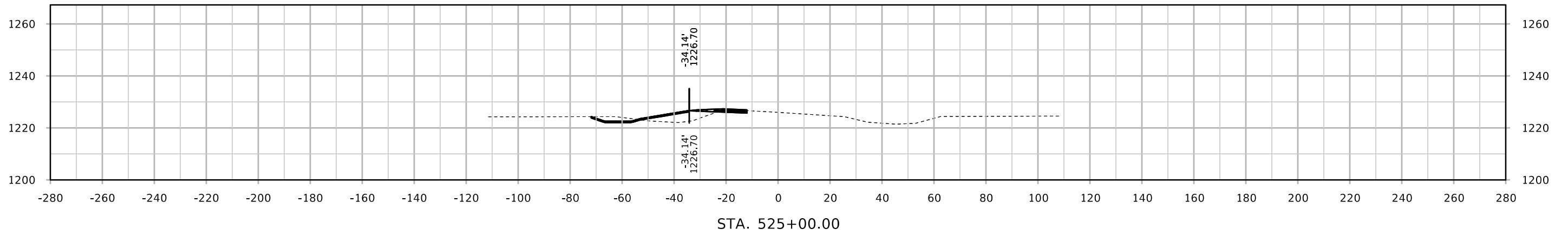
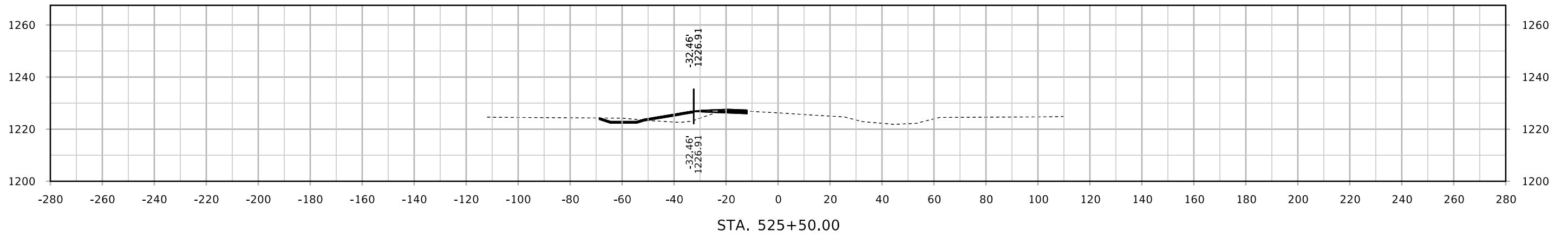
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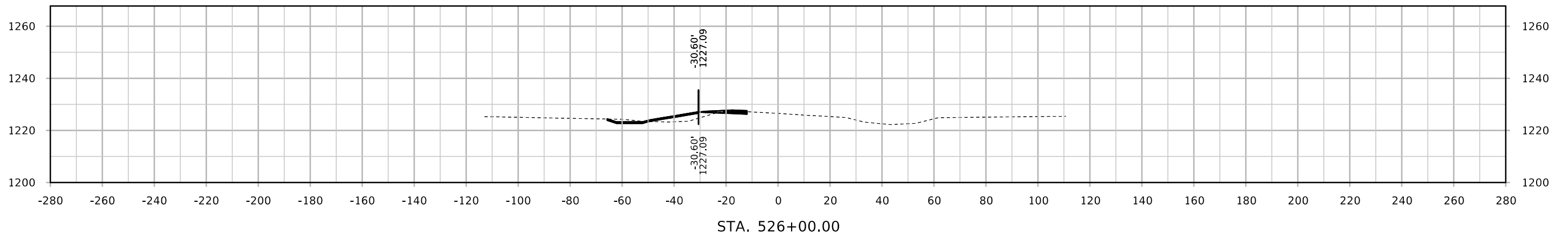
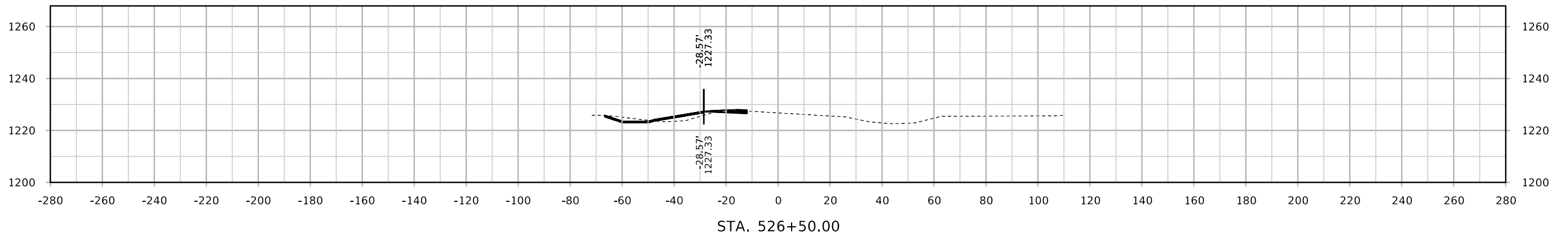
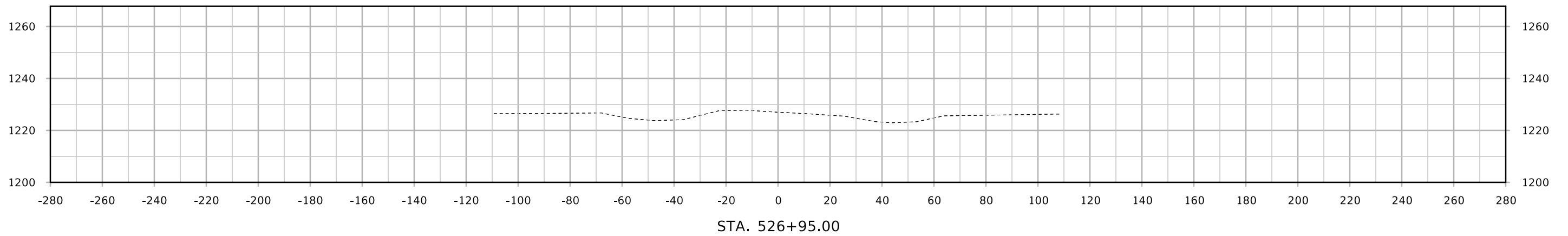
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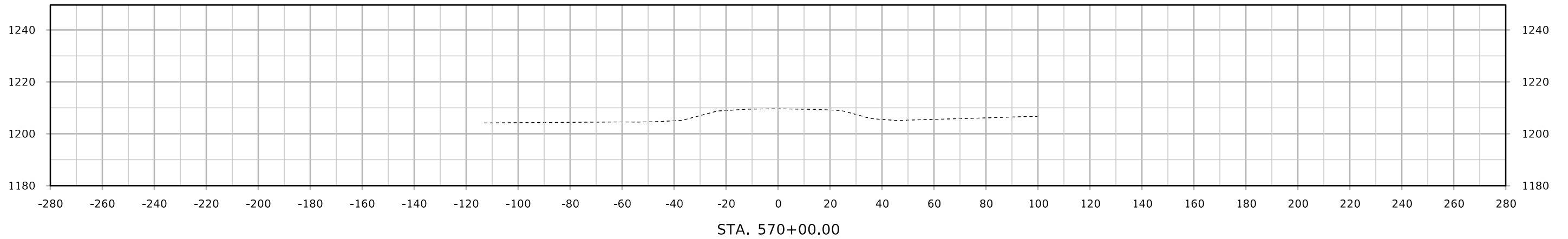
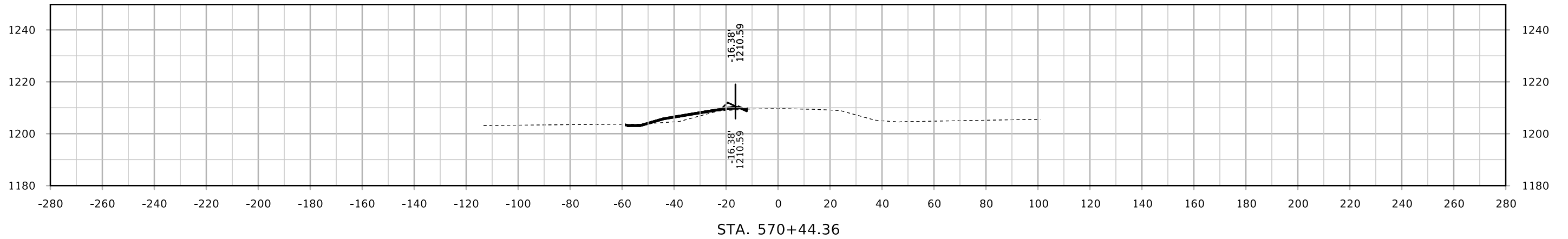
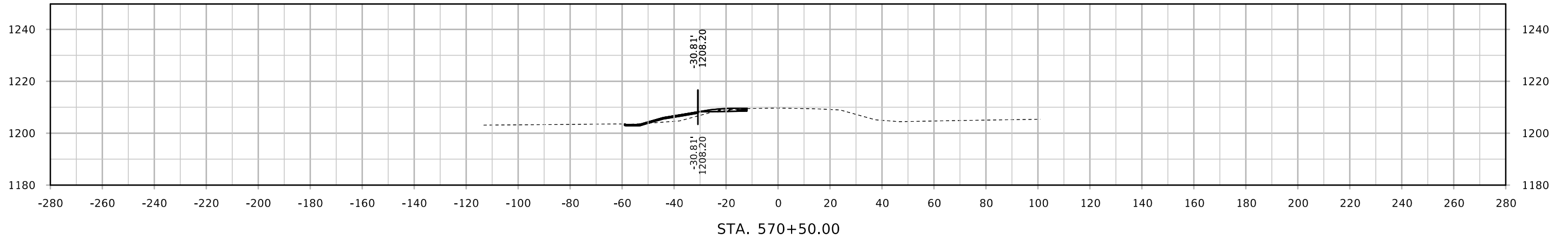
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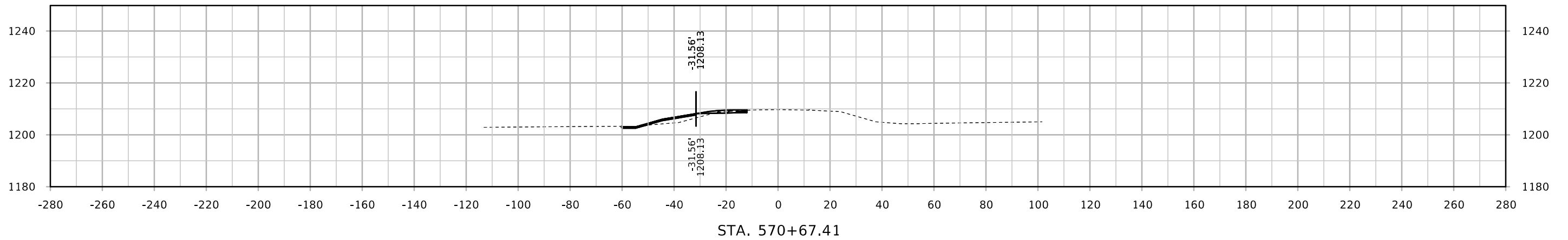
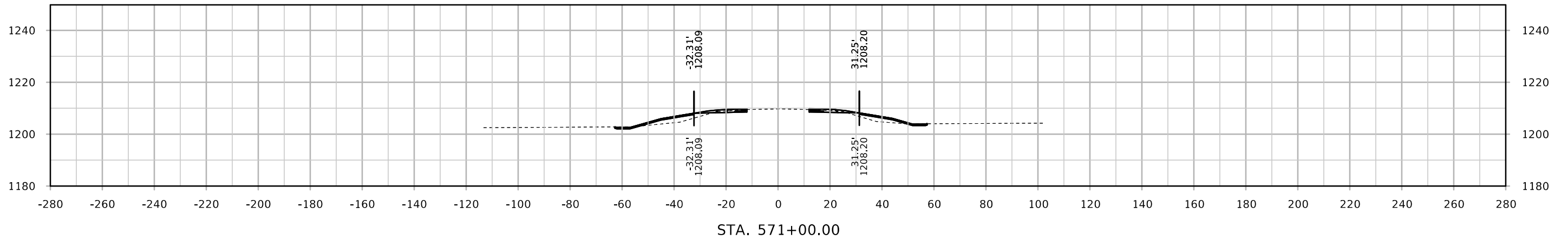
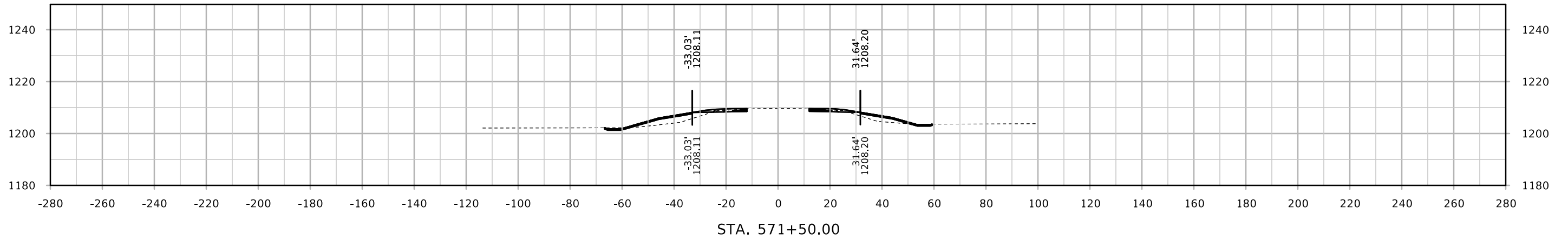
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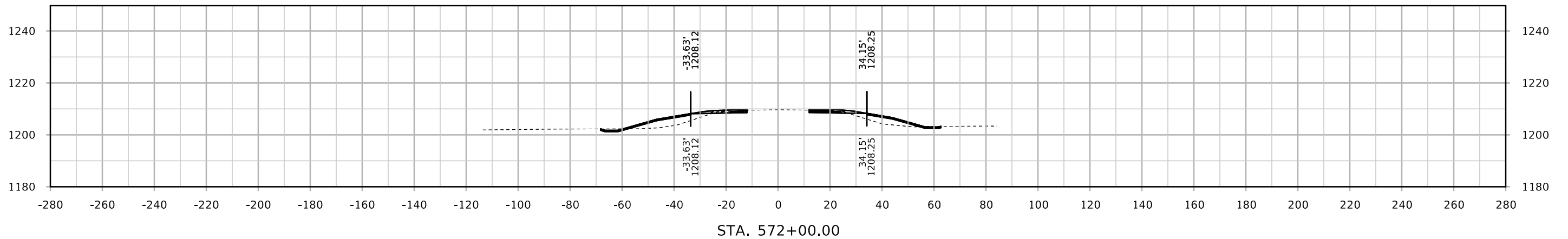
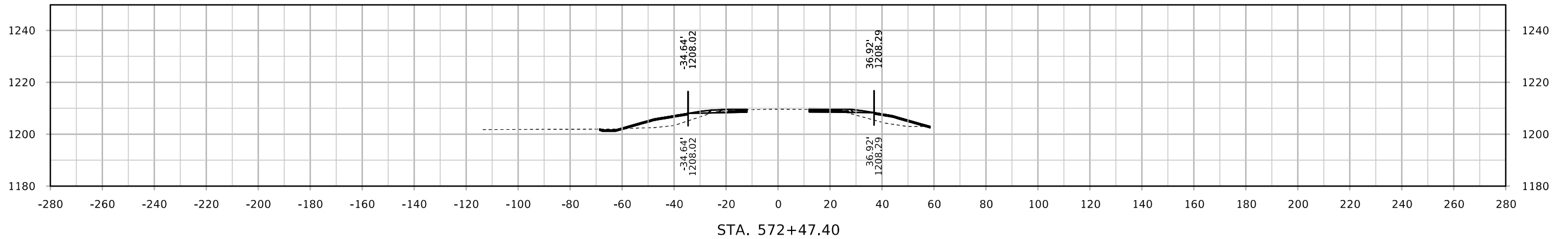
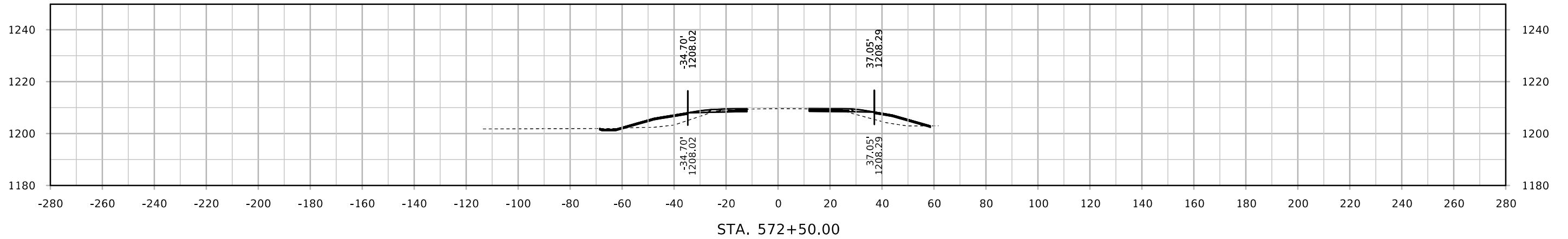


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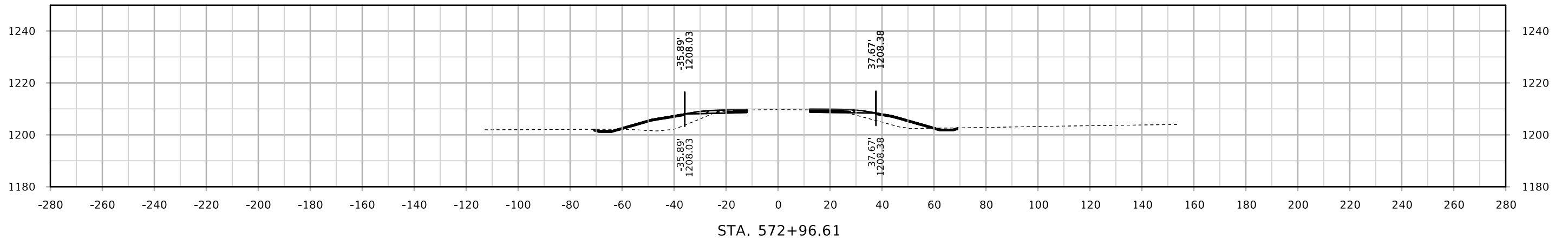
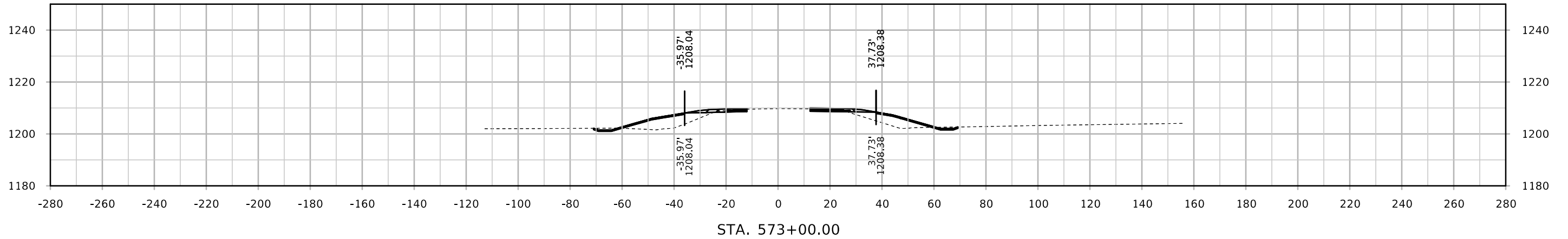
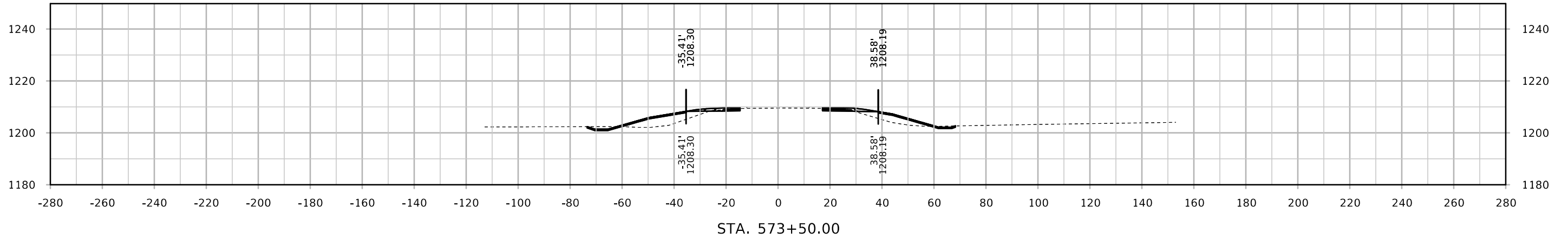




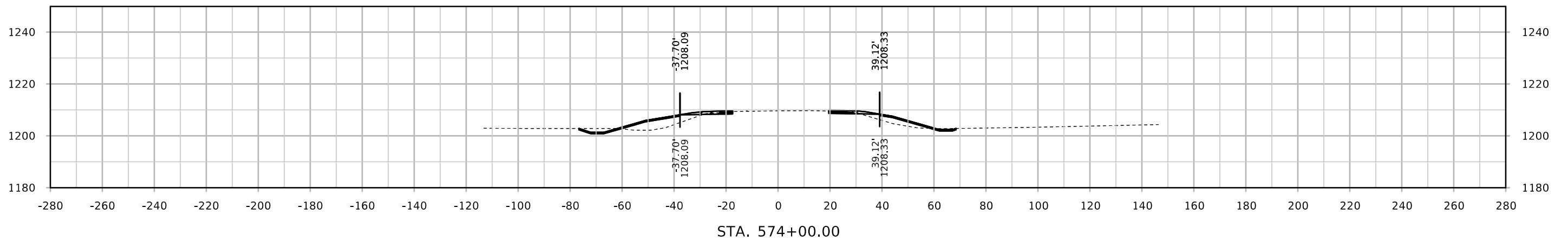
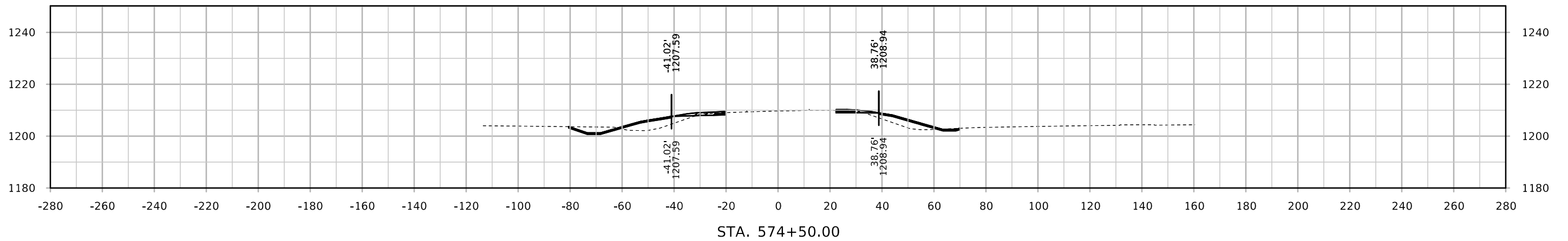
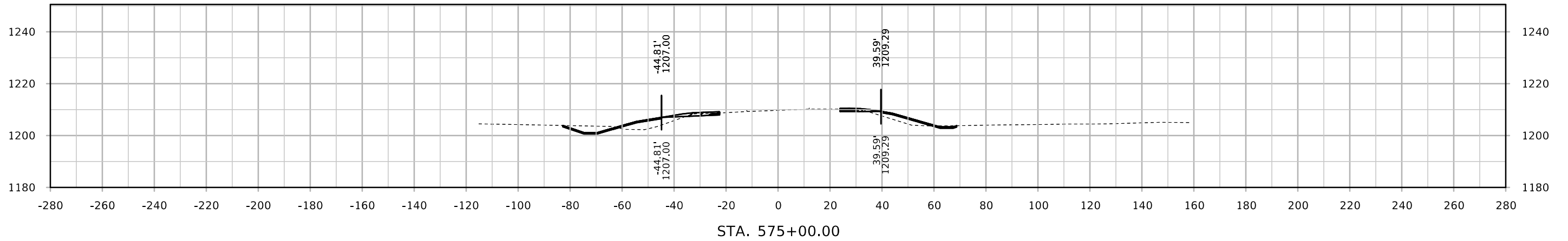
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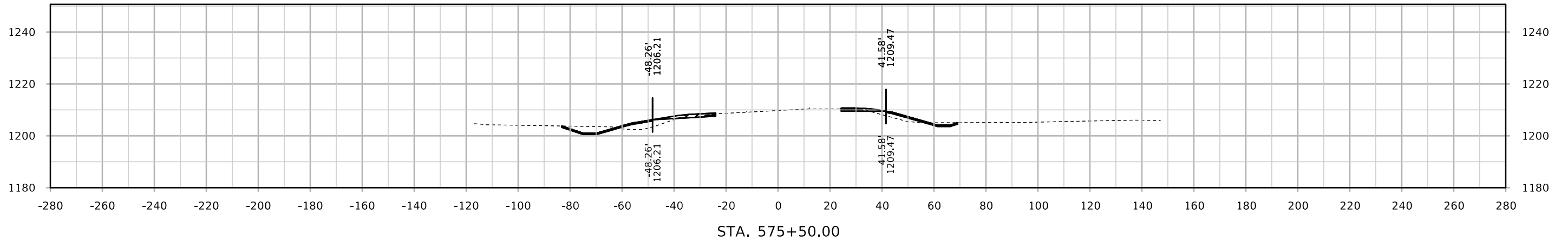
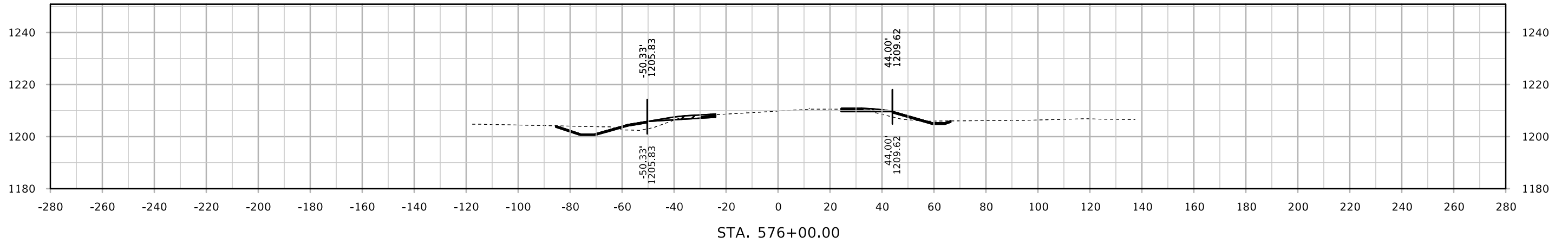
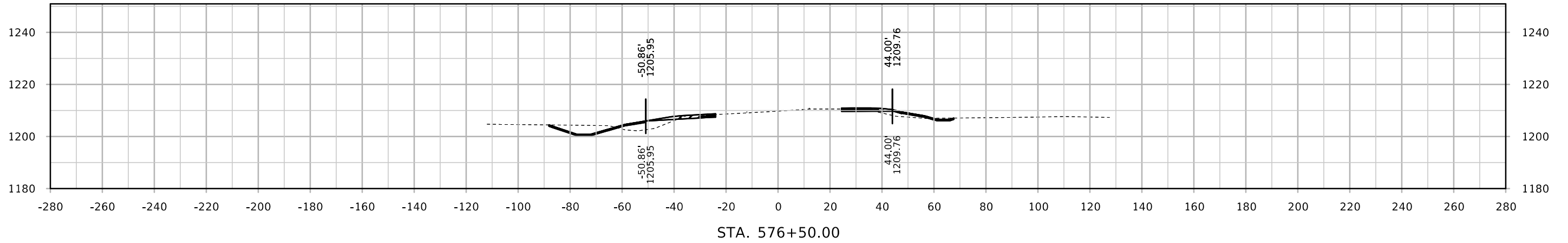
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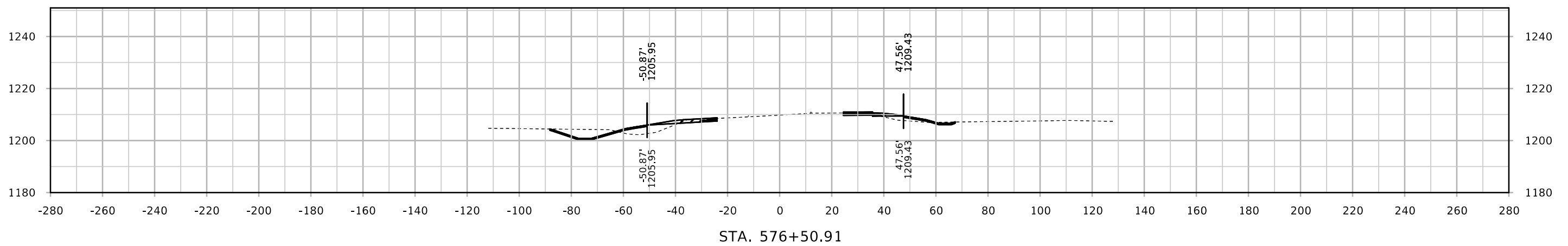
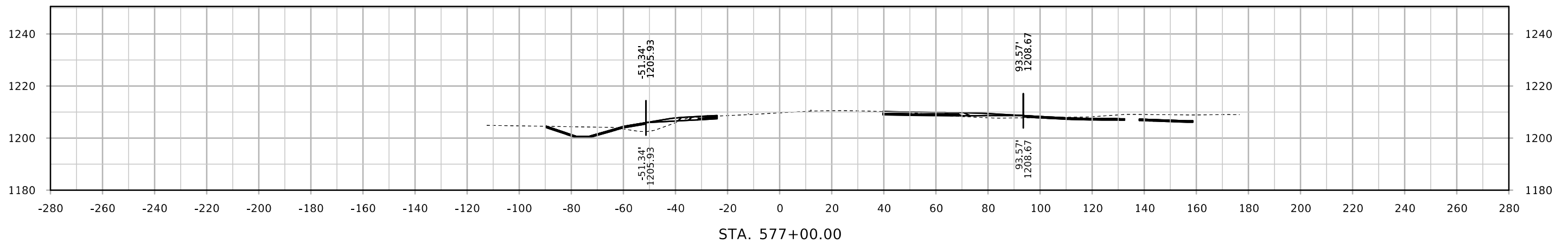
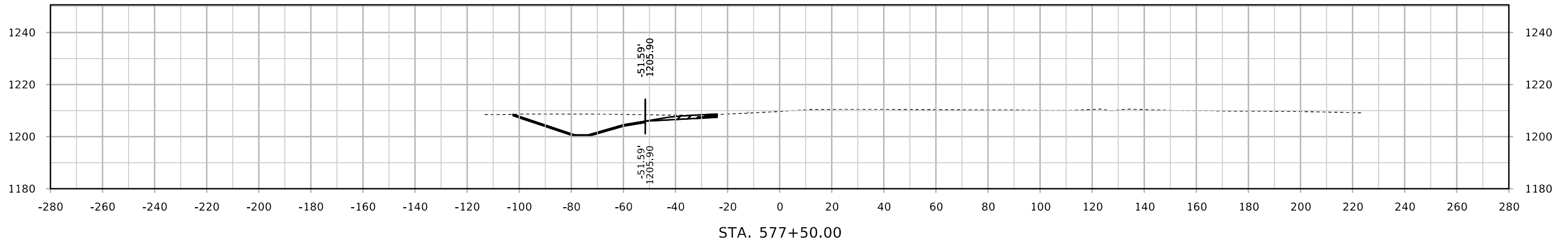
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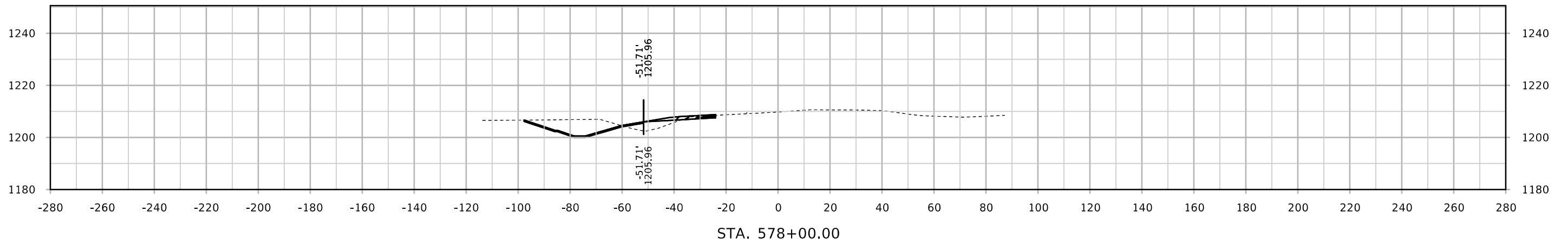
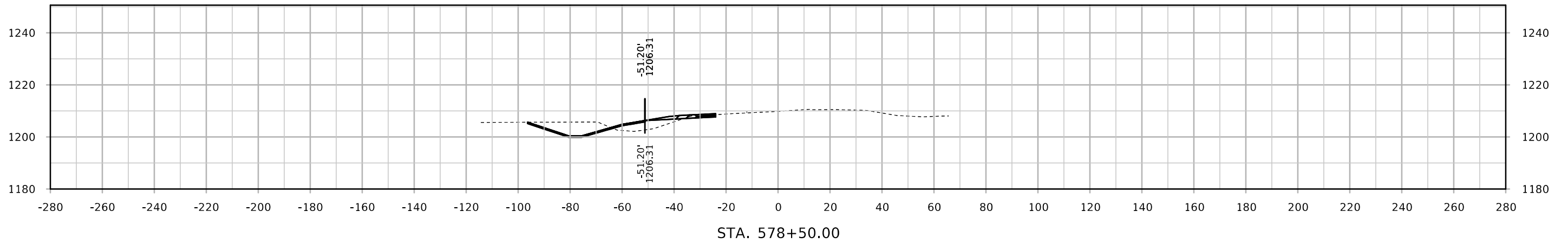
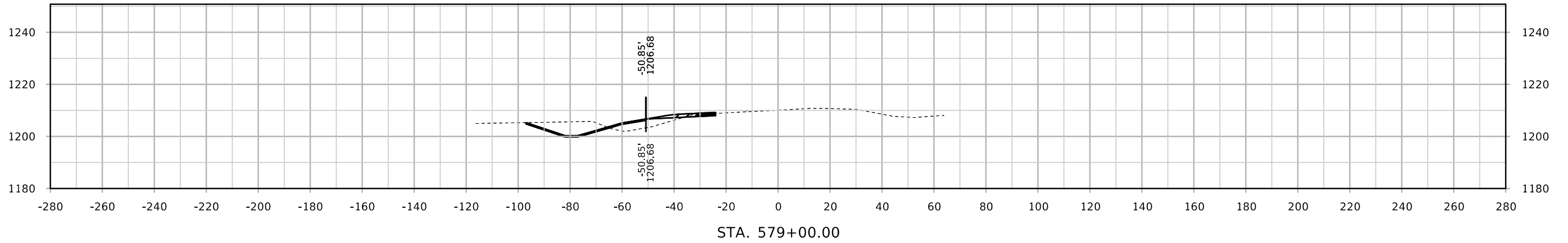
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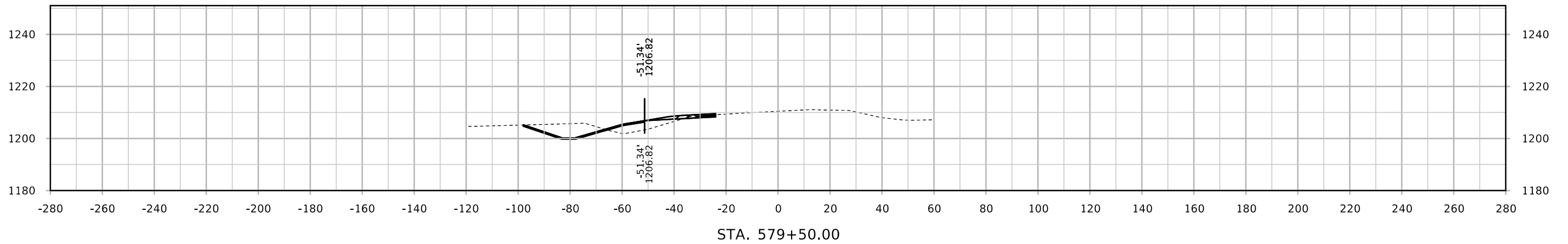
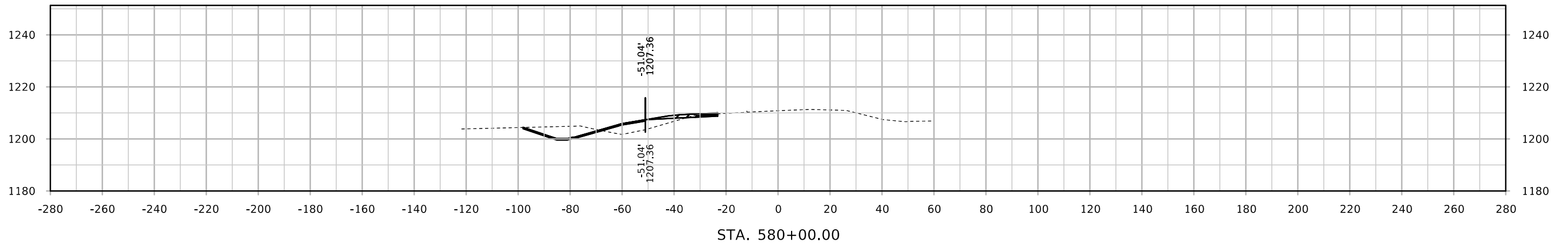
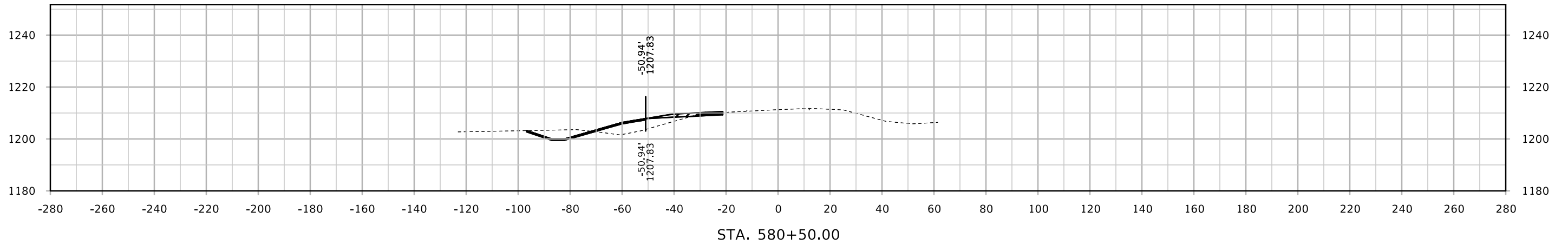
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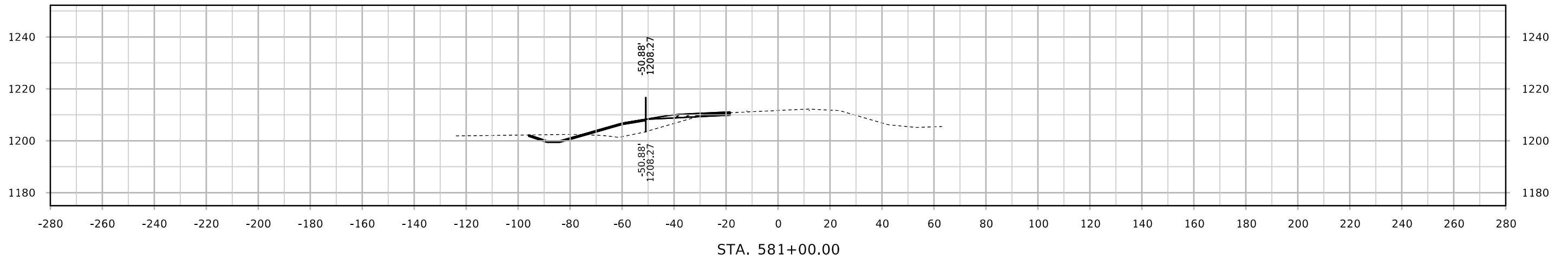
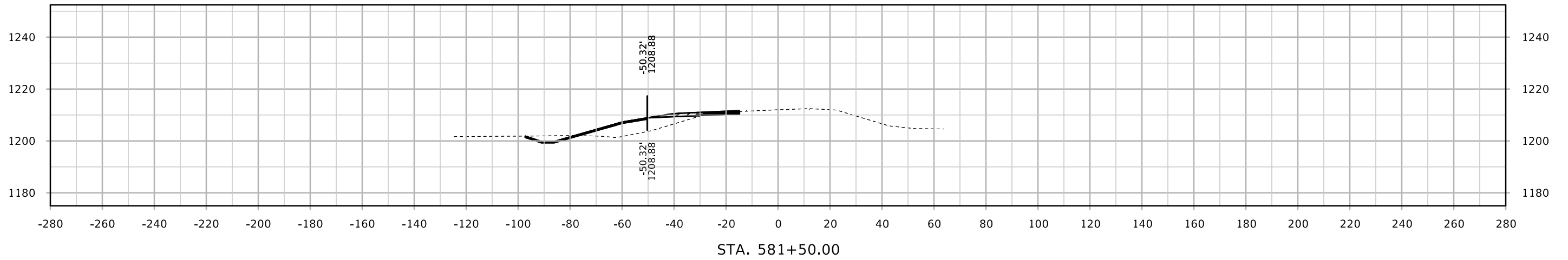
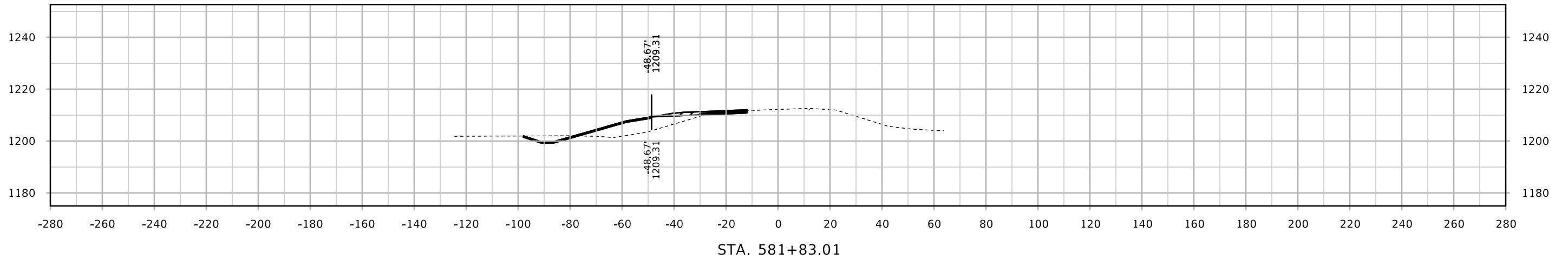
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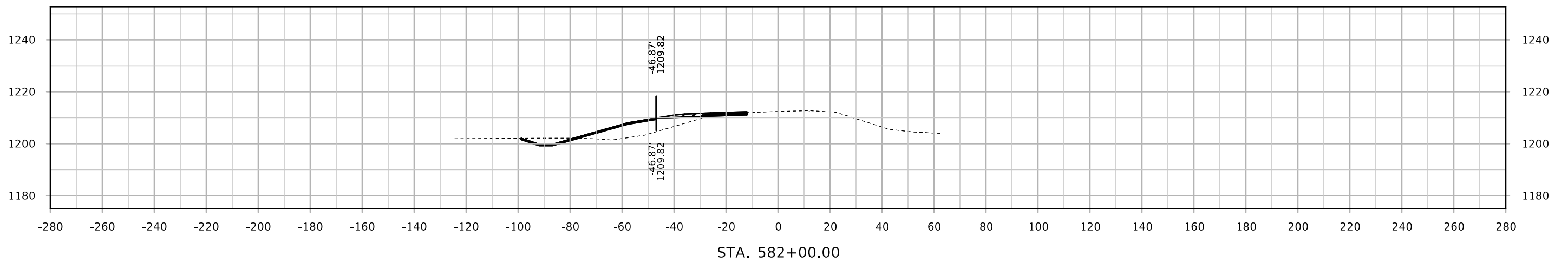
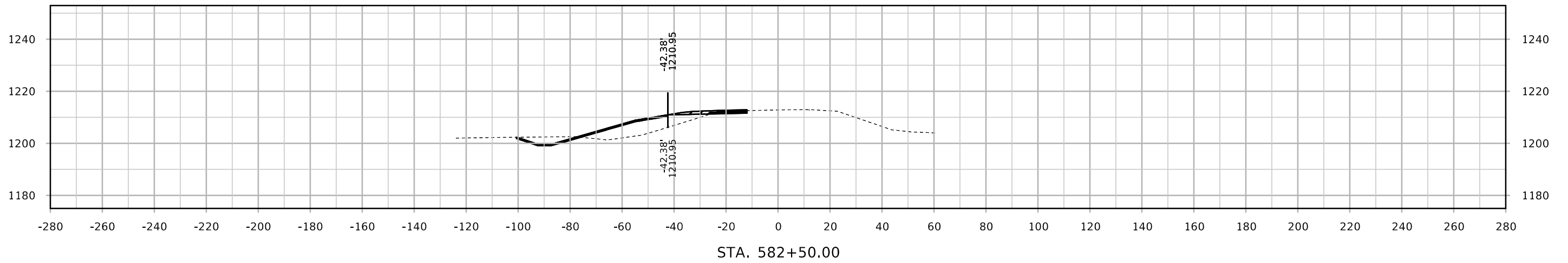
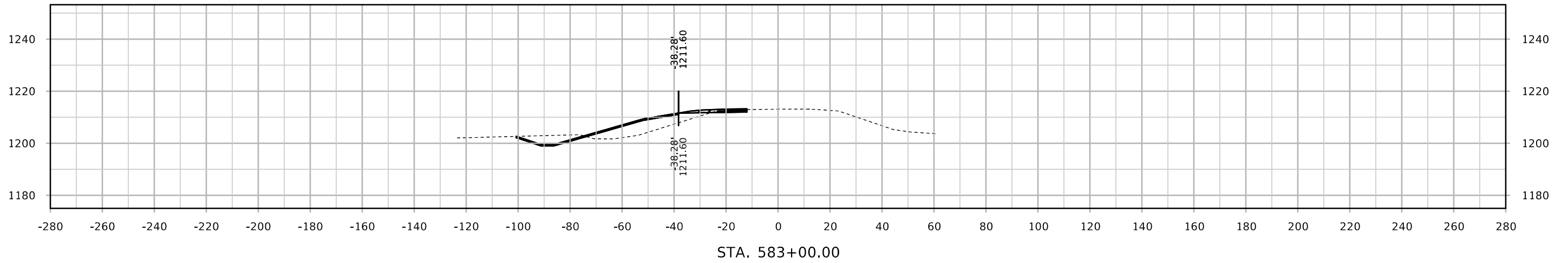


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