

	STATE	PROJECT NO.	PCN	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	23492	1	1

NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION

SS-ARP-3-999(054)

Ramsey County, North Dakota
1.5 Miles East of Edmore, ND

Sec 20, T-157-N, R-60-W
Grading, Wetland Mitigation, & Incidentals

GOVERNING SPECIFICATIONS

Date Published and Adopted
by the North Dakota
Department of Transportation

Standard Specifications

7/1/2025

Supplemental Specifications

NONE

PROJECT NUMBER \ DESCRIPTION

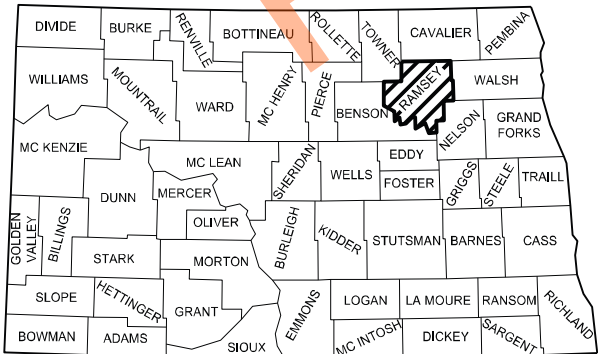
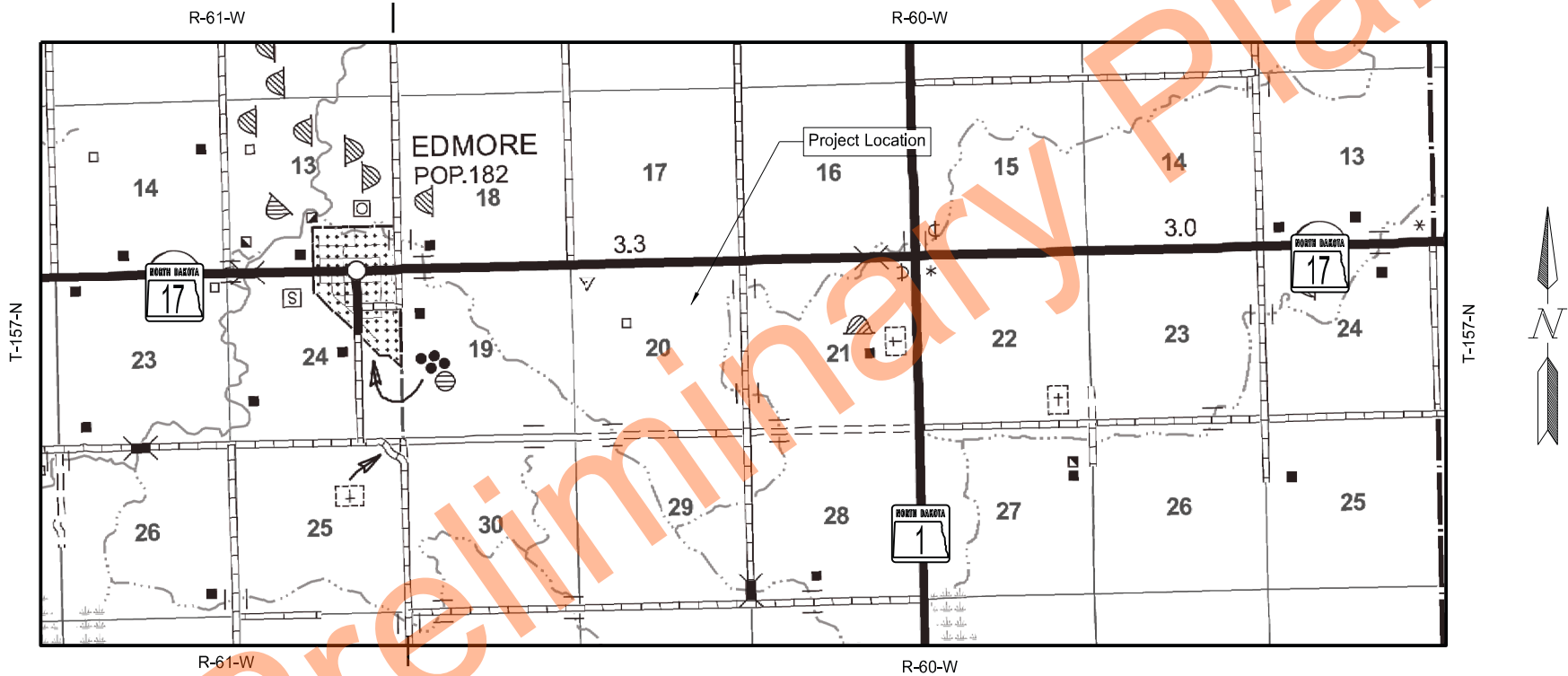
SS-ARP-3-999(054)

NET MILES

N/A

GROSS MILES

N/A



STATE COUNTY MAP

DESIGNER Todd Hummel, PE
DESIGNER Kyle Huffman, PE
DESIGNER Sidney Mann, EIT
DESIGNER Isaac Berg, EIT

ND DEPARTMENT OF TRANSPORTATION
OFFICE OF PROJECT DEVELOPMENT

Kirk Hoff
05/08/26

KLJ

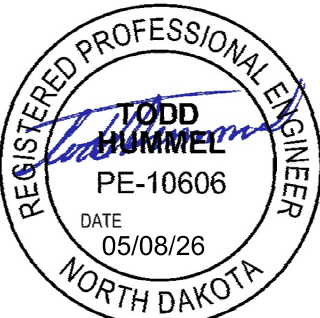
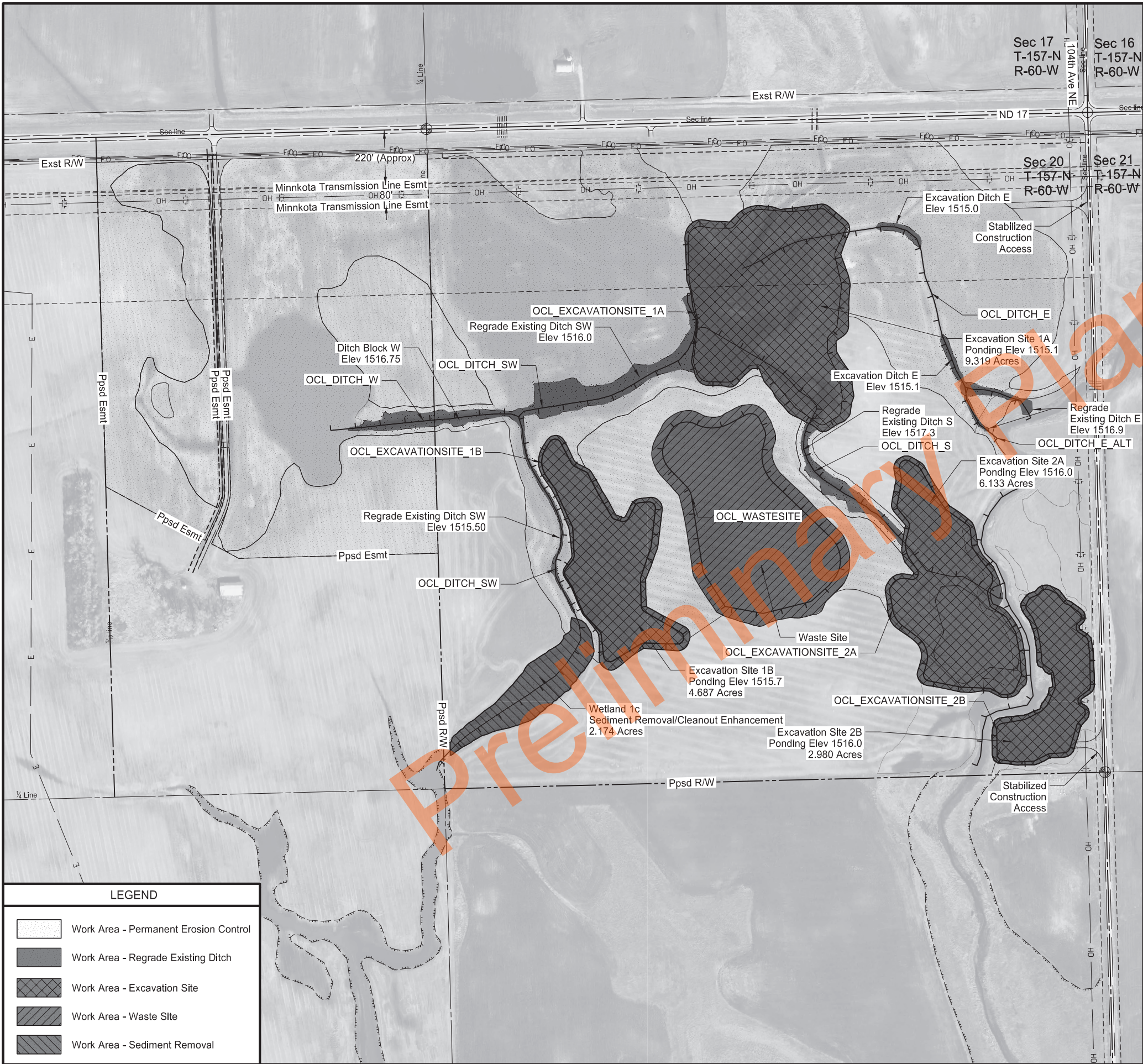


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North Arrow

PROJECT LOCATION MAP

Map showing the project location within Ramsey County, ND, and surrounding counties (Cavalier, Pembina, Walsh, Towner, Benson, Nelson, Grand Forks). The project is located 1.5 miles east of Edmore, ND.

Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Scope of Work

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 04/03/26
NORTH DAKOTA

NOTES

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100-P01 ELEVATIONS: All final elevations in the plans are to top of topsoil. The depth of the proposed topsoil will be 6 inches minimum. NDDOT Environmental staff will be onsite during construction to assist in determining the exact final elevations.

100-P02 PROJECT REPRESENTATIVE:
Russell Senske, NDDOT
Wetland Specialist
(701) 328-2188

No construction is allowed until the Contractor has received confirmation from the Project Engineer and the Landowner has been notified by the Project Representative.

203-010 SHRINKAGE: 15 percent additional volume is included for shrinkage in earth embankment.

203-385 AVERAGE HAUL: No average haul has been computed for this project.

203-P01 EXCAVATION & EMBANKMENT: The thickness of existing topsoil varies. Excavation and embankment quantities include both topsoil and clay, unless otherwise designated.

203-P02 EMBANKMENT – TYPE C: This work consists of the excavation, haul, placement, and compaction of embankment required for Ditch Block W. Use clay excavation material obtained from Excavation Site 1A, 1B, or 2A. Topsoil will not be accepted. Obtain approval from the Engineer prior to the excavation of the material to be used as embankment at Ditch Block W. Place and compact material as specified in Section 203.04 G.4 “Compaction Control, Type C”. The Engineer will not measure “EMBANKMENT – TYPCE C”. “EMBANKMENT – TYPCE C” will be paid at plan quantity.

203-P03 COMMON EXCAVATION – TYPE C: This work consists of the excavation, haul, placement, and compaction of embankment (topsoil and clay) required for Excavation Sites 1A, 1B, 2A, and 2B, Regrade Existing Ditch E, S, and SW, and the Waste Site. Place and compact material as specified in Section 203.04 G.4 “Compaction Control, Type C”.

In areas identified in the plans as “Regrade Existing Ditch”, provide the necessary material to reach the proposed elevations for each ditch. Regrade and disk the existing ditch, as shown in the Section 30 detail, a minimum distance of 20 feet on each side of the grading tie line. Blend the areas such that it produces a gradual slope to their proposed elevation. Include all costs to disk, grade, and recompact the material in the unit price bid for “COMMON EXCAVATION – TYPE C”. The Engineer will not measure “COMMON EXCAVATION – TYPE C”. “COMMON EXCAVATION – TYPE C” will be paid at plan quantity.

Place excess material at the “waste site”. The “waste site” is designed to accommodate approximately 54,200 CY. Do not strip the waste site of topsoil prior to placement of waste material. Blend the waste material into existing terrain creating a traversable, uniform, and drainable surface as shown in the proposed contours. Maintain existing drainage patterns. The Engineer may approve revisions to proposed grading for differing site conditions or for variations in the final waste material quantity.

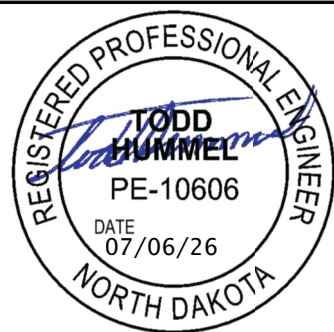
203-P04 TOPSOIL: Remove and stockpile topsoil from Excavation Sites 1A, 1B and 2A. Uniformly spread the stockpiled topsoil at the designated thicknesses at the TRM Special and Ditch Block W. After placement of excess embankment at the waste site, uniformly spread the remaining topsoil across the waste site embankment. The Engineer will not measure “TOPSOIL”. “TOPSOIL” will be paid at plan quantity.

251-P01 WETLAND SEED: Remove and replace Table 251-02 of the Standard Specifications with the following seed mix for all areas noted as Wetland Seed:

Scientific Name	Common Name	Pounds Pure Live Seed Per Acre	% of Seed Mix by Weight
Glyceria Grandis	American Mannagrass	2.0	21.28%
Spartina Pectinata	Prairie Cordgrass	3.0	31.91%
Poa Palustris	Fowl Bluegrass	1.5	15.96%
Beckmannia Syzigachne	American Sloughgrass	0.5	5.32%
Alisma Triviale	Northern Water Plantain	0.1	1.06%
Carex Hystericina	Bottlebrush Sedge	1.0	10.64%
Carex Bebbii	Bebb's Sedge	0.3	3.19%
Asclepias Incarnata	Swamp Milkweed	1.0	10.64%
TOTAL		9.4	

251-P02 SEEDING CLASS III: Use the following seed mix where “Seeding Class III” is specified. Include the cost for seeding in the contract unit price bid for “Seeding Class III”.

Scientific Name	Common Name	Pounds Pure Live Seed per Acre	% of Seed Mix by Weight
Green Needlegrass	Nassella viridula	1.5	3.68%
Grama, Sideoats	Bouteloua curtipendula	1	2.45%
Big Blue	Andropogon gerardii	3.25	7.98%
Western Wheatgrass	Pascopyrum smithii	3.25	7.98%
Slender Wheatgrass	Elymus trachycaulus	3.25	7.98%
Switch Grass	Panicum virgatum	5	12.27%
Green Wheatgrass	Elymus hoffmannii	5	12.27%
Black Eyed Susan	Rudbeckia hirta	1	2.45%
Maximilian Sunflower	Helianthus maximiliani	2	4.91%
Lewis Blue Flax	Lineum lewisii	3	7.36%
Purple Prairie Clover	Dalea purpurea	1.5	3.68%
Grayhead Coneflower	Ratibida pinnata	1	2.45%
Oats	-	10	24.54%
TOTAL		40.75	



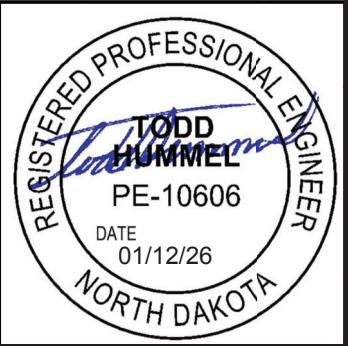
ENVIRONMENTAL NOTES

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ENVIRONMENTAL NOTES (EN): The North Dakota Department of Transportation has made environmental commitments to secure approval of this project. The following environmental notes are requirements to comply with these commitments:

EN-1 WETLAND MITIGATION: After completion of the project. The Engineer will complete the Onsite Mitigation Certification Form, SFN 61042. Any sedimentation in mitigation area will be removed.

Preliminary Plans



Estimated Quantities						STATE	PROJECT NO.	SECTION NO.	SHEET NO.
						ND	SS-ARP-3-999(054)	8	1
SPEC	CODE	ITEM DESCRIPTION	UNIT	Mainline: Funding A					TOTAL
103	0100	CONTRACT BOND	L SUM	1					1
203	0103	COMMON EXCAVATION-TYPE C	CY	59077					59077
203	0109	TOPSOIL	CY	8902					8902
203	0203	EMBANKMENT-TYPE C	CY	1105					1105
251	0300	SEEDING CLASS III	ACRE	42.56					42.56
251	1000	WETLAND SEED	ACRE	98.72					98.72
253	0061	SOIL STABILIZATION	ACRE	101.31					101.31
255	0200	TRM SPECIAL	SY	8362					8362
260	0300	SILT FENCE	LF	2995					2995
260	0301	REMOVE SILT FENCE	LF	2995					2995
261	0112	FIBER ROLLS 12IN	LF	638					638
265	0100	STABILIZED CONSTRUCTION ACCESS	EA	2					2
265	0101	REMOVE STABILIZED CONSTRUCTION ACCESS	EA	2					2
702	0100	MOBILIZATION	L SUM	1					1
752	0200	FENCE BARBED WIRE 4 STRAND	LF	1600					1600
752	0993	FENCE TERMINAL	EA	2					2
754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	3.25					3.25
900	0700	FLEXIBLE GROWTH MEDIUM	SY	8362					8362

STATE

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SHEET NO.

ND

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1

EARTHWORK SUMMARY

Location	Excavation②	Embankment ①		Topsoil for TRM Special	Topsoil for Ditch Block W	Topsoil for Waste Site	203 0103 COMMON EXCAVATION-TYPE C	203 0109 TOPSOIL	203 0203 EMBANKMENT - TYPE C	Balance
	Topsoil and Clay	Topsoil or Clay	Clay	Topsoil	Topsoil	Topsoil	Topsoil and Clay	Topsoil	Clay	Topsoil and Clay
	(CY)	(CY)		(CY)	(CY)	(CY)	(CY)	(CY)	(CY)	CY
	A	B	C	D	E	F	H=A-C-D-E-F	I=D+E+F	G=C	J=A-B-C-D-E-F
Excavation Site 1A, 1B, 2A	58,970		-	111	-	8,100	50,759	8,211	-	50,759
Excavation Site 2B	7,461	-	-	107	-	-	7,354	107	-	7,354
Wetland 1c Enhancement Sediment Removal & Cleanout	1,723	-	-	-	-	-	1,723	-	-	1,723
Excavation Ditch E and Regrade Existing Ditch E	360	168	-	14	-	-	346	14	-	178
Regrade Existing Ditch S, and SW	-	2,250	-	-	-	-	-	-	-	-2,250
Ditch Block W	570	-	1,105	-	570	-	-1,105	570	1,105	-1,105
Total	69,084	2,418	1,105	232	570	8,100	59,077	8,902	1,105	56,659

Notes:

① Quantity includes 15% for shrinkage

② For all locations that accumulate excess excavation, place excavations within other locations before placing as waste material at the proposed waste site.

WASTE SITE SUMMARY

Location	Excavation	Embankment ①	Balance	Topsoil
	(CY)	(CY)	(CY)	(CY)
	A	B	C = A - B	D
Waste Site (as Designed)	-	56,659	-56,659	8,100
Total	-	56,659	-56,659	8,100

Notes:

① Quantity includes 15% for shrinkage

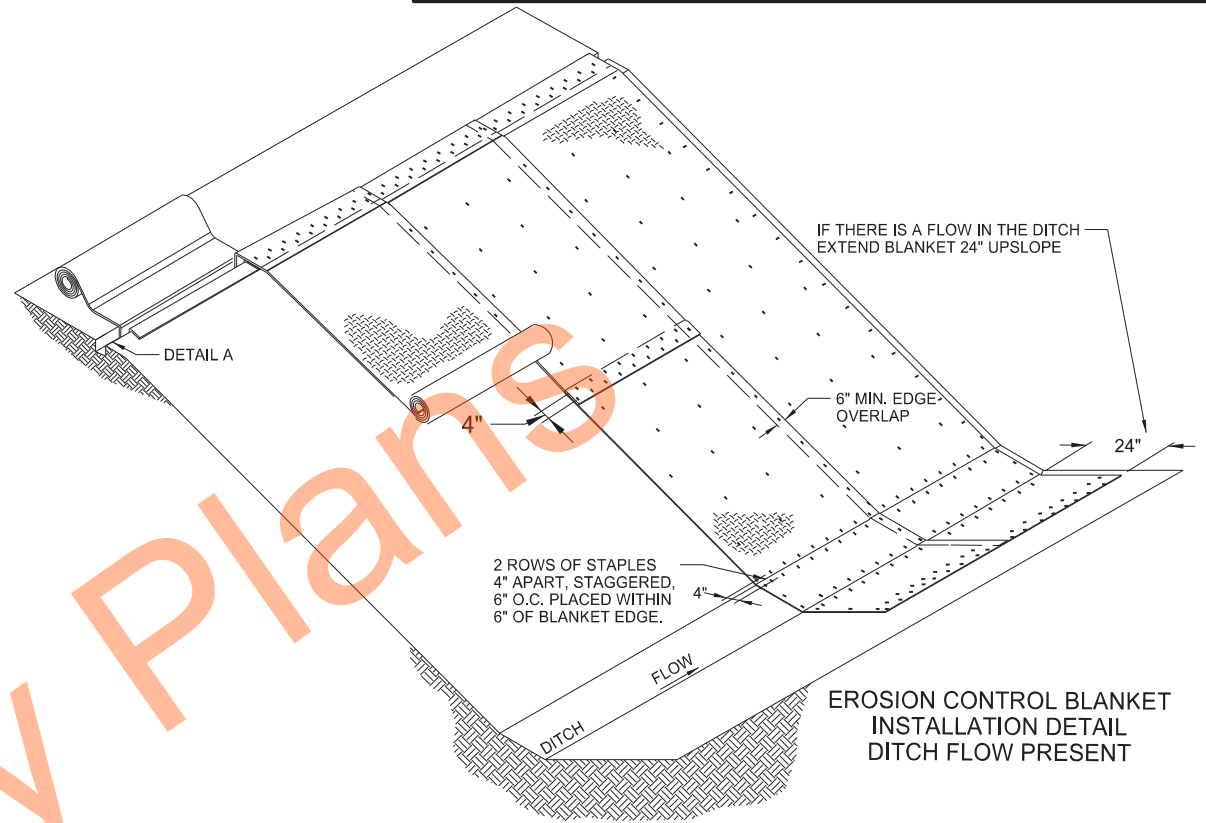
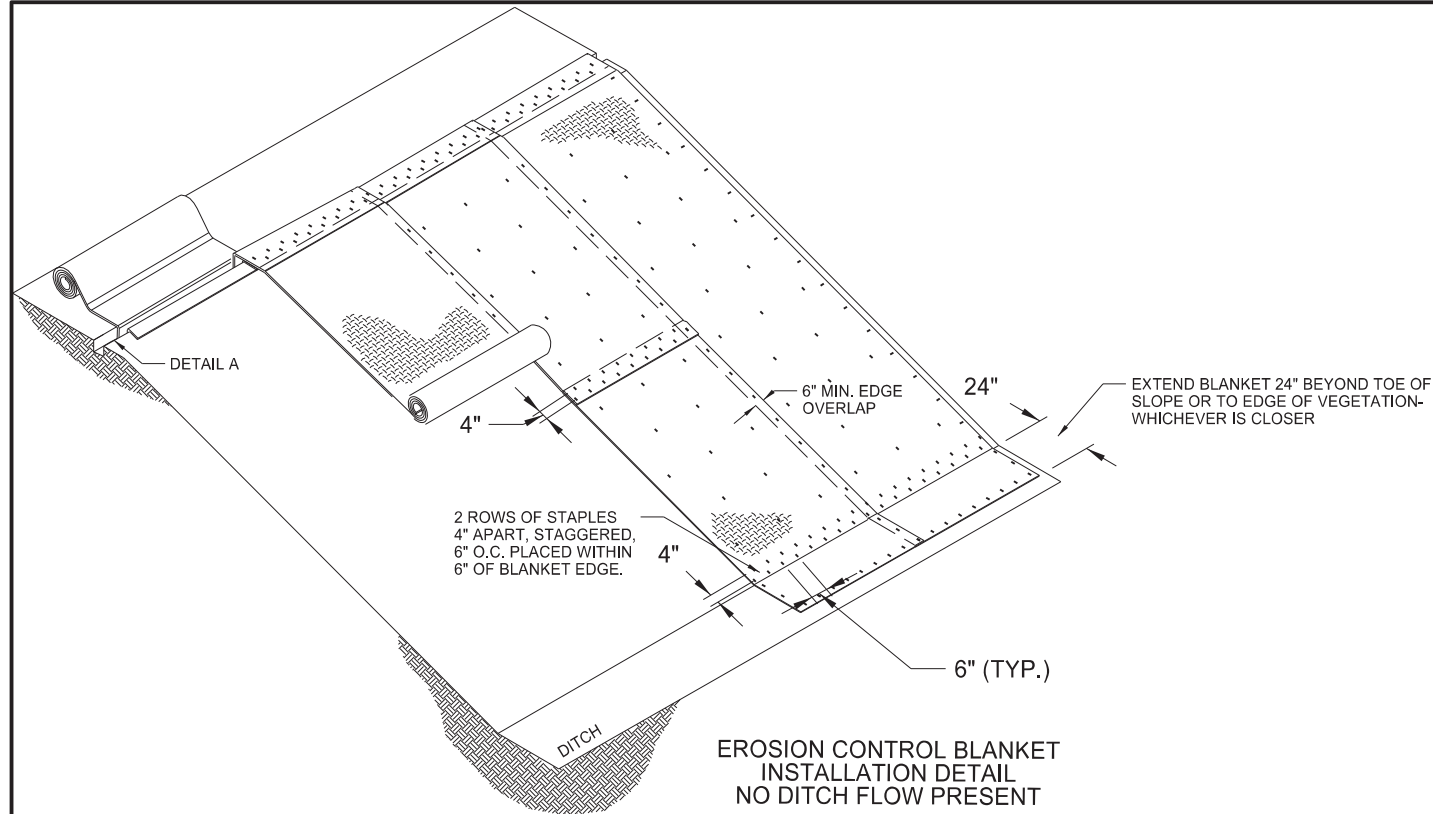
Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Basis of Estimate

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 03/16/26
NORTH DAKOTA

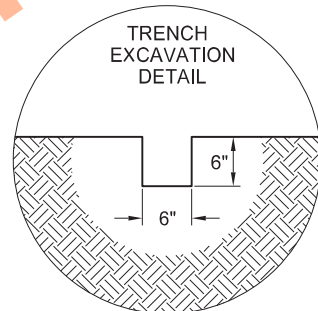
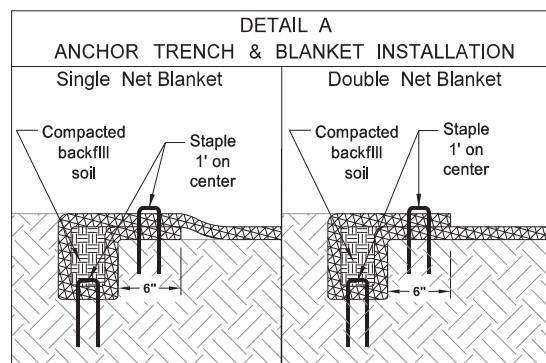
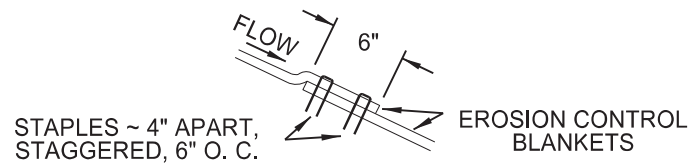
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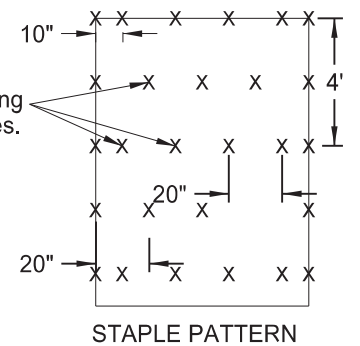


INSTALLATION STEPS:

1. Prepare smooth slope per spec. section 255
2. Amend soil and seed, as specified.
3. Dig anchor trench. Set aside native soil removed from trench.
4. Secure blanket in anchor trench, staking or stapling blanket as shown.
5. Replace native soil previously removed from trench.
6. Staple blanket as shown so there are no gaps between the blanket and the soil.
Staple while unrolling blanket to minimize walking on blanket.
7. Install splices a minimum 24 inches prior to toe of slope.



3.8 staples per square yard using 8-inch 11 gauge wire "u" staples.



EROSION CONTROL BLANKET INSTALLATION DETAIL NO DITCH FLOW PRESENT (STANDING WATER)

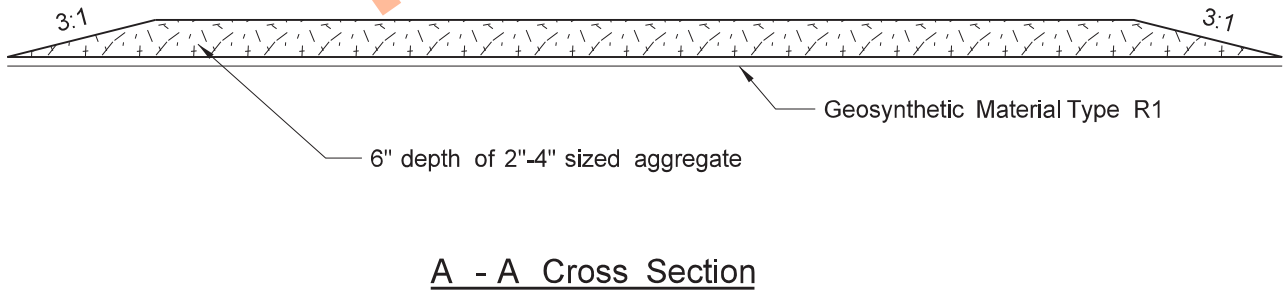
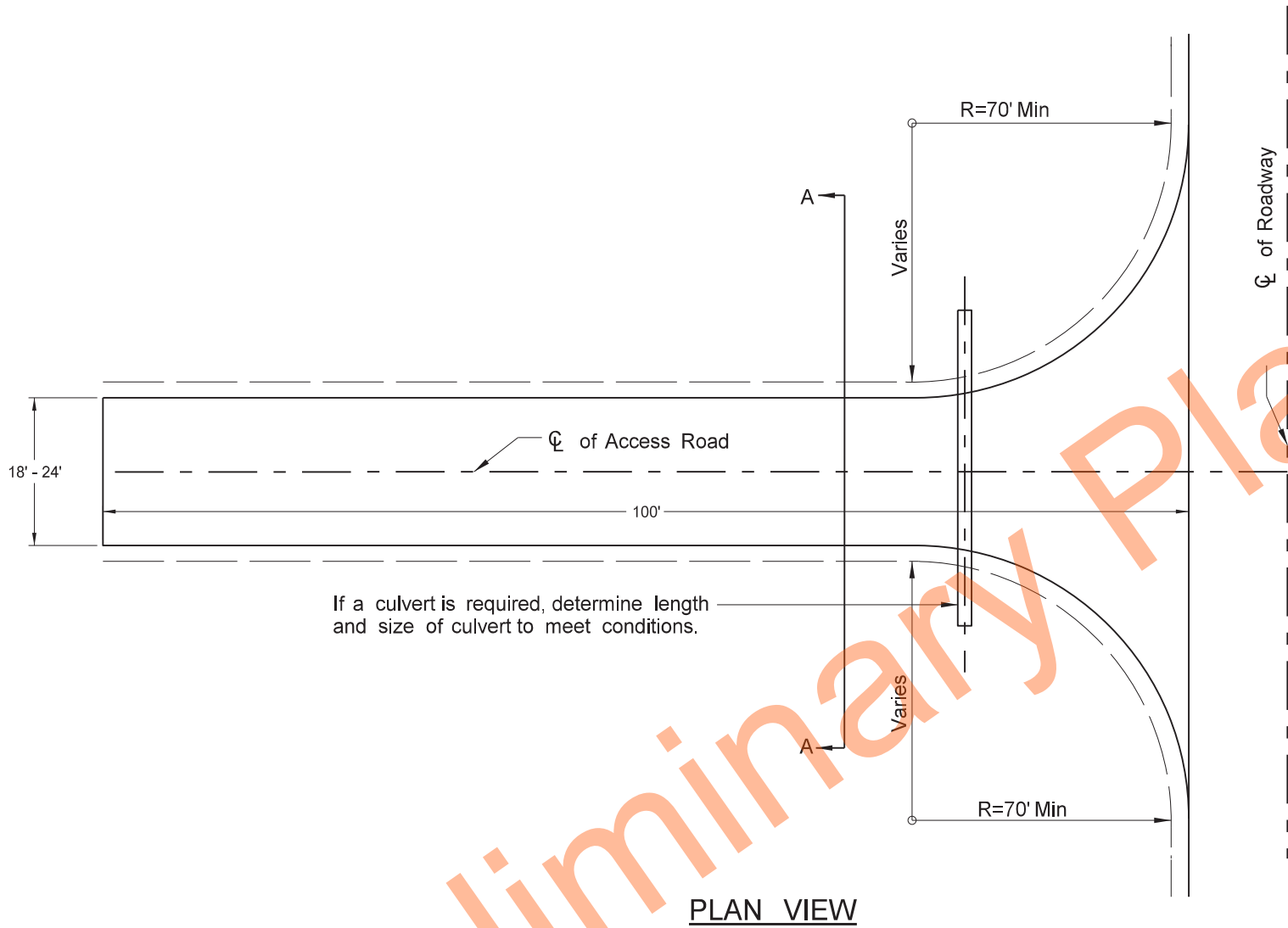
Wetland Mitigation in Ramsey County, ND
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General Details
Slope Erosion Control Blanket Installation Details



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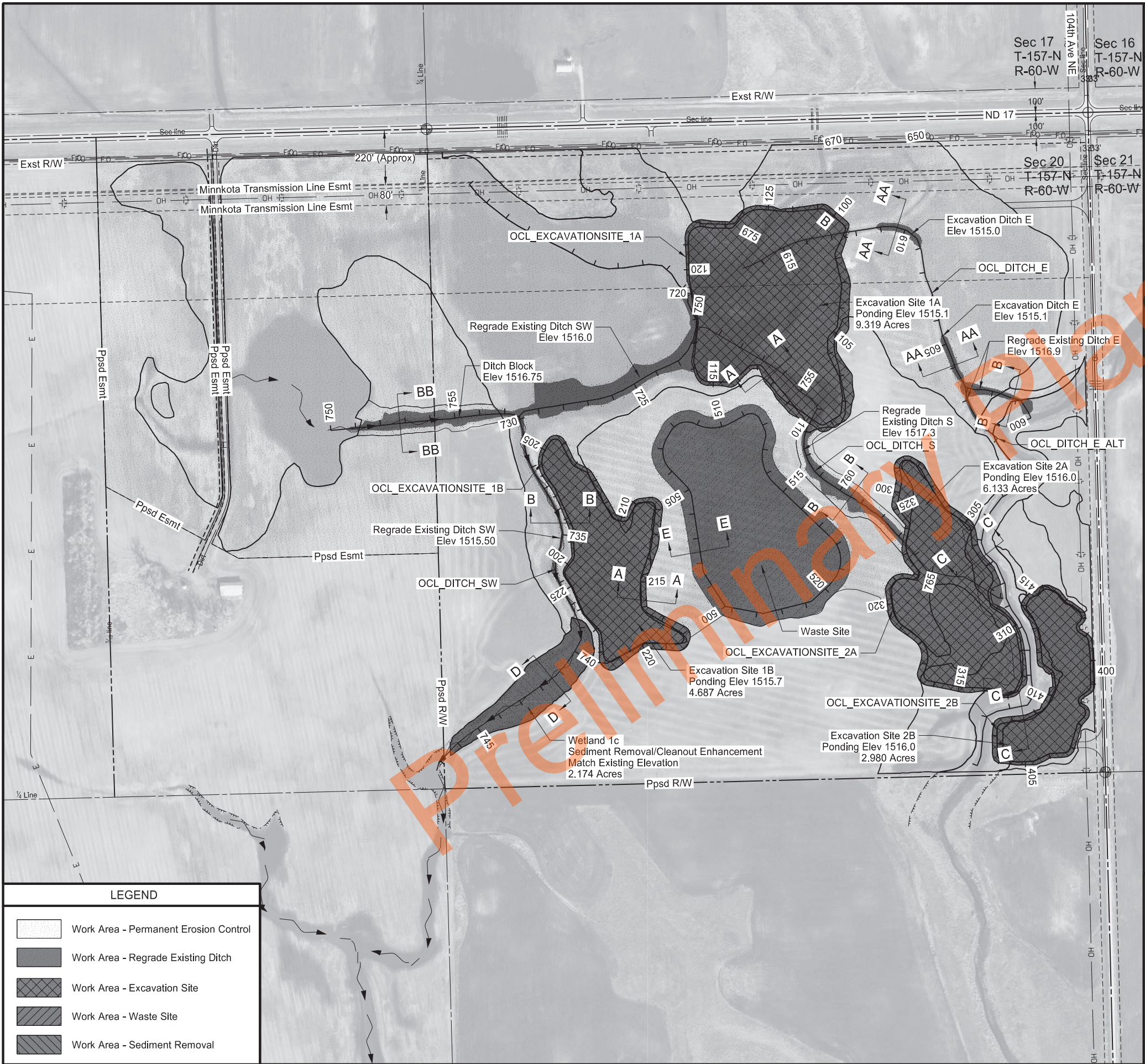
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		Section Line	2	EA
265	0101	REMOVE STABILIZED CONSTRUCTION ACCESS		
		Section Line	2	EA



Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

General Details
Stabalized Construction Access





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LEGEND

Work Area - Permanent Erosion Control

Work Area - Regrade Existing Ditch

Work Area - Excavation Site

Work Area - Waste Site

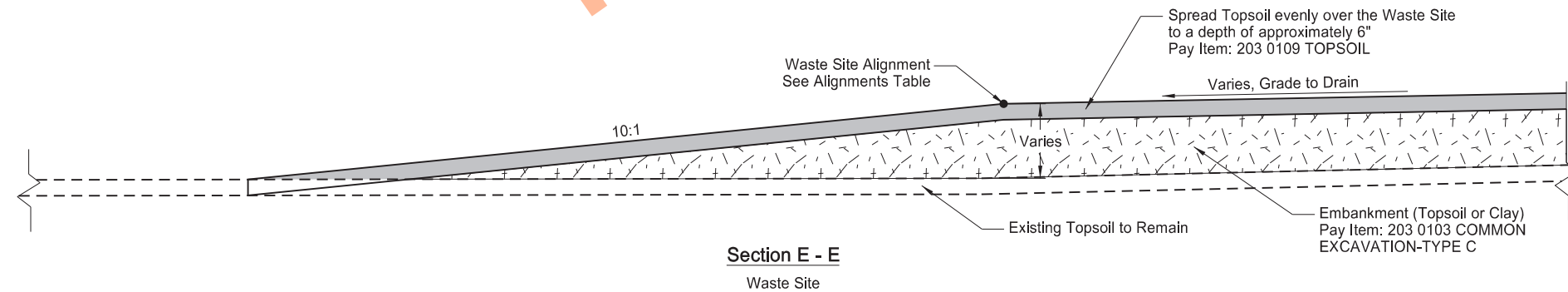
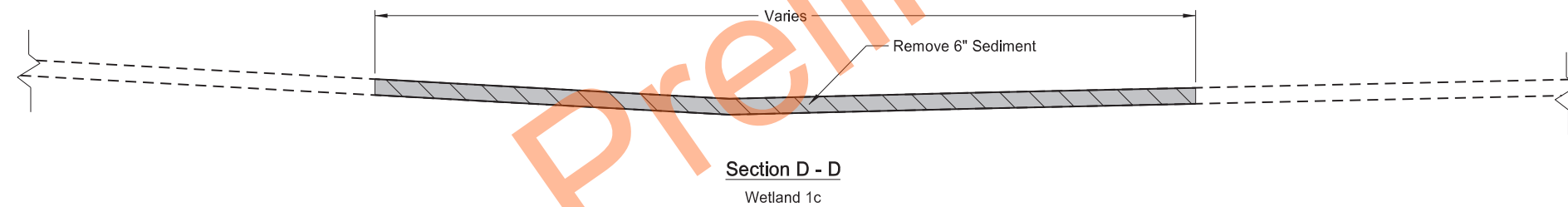
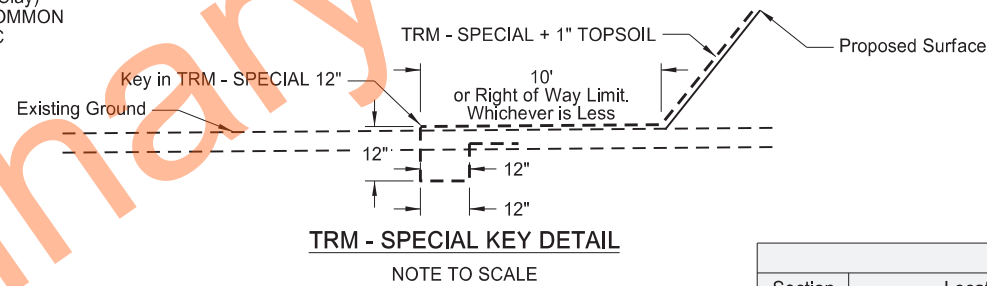
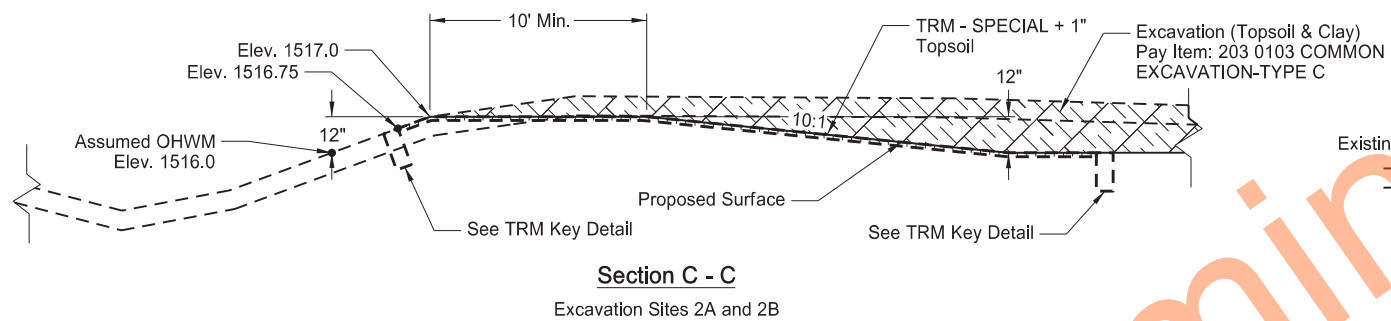
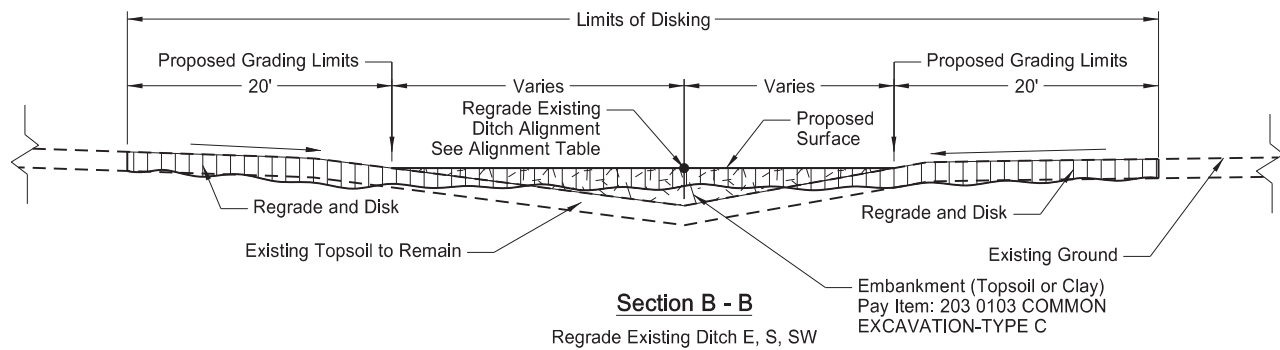
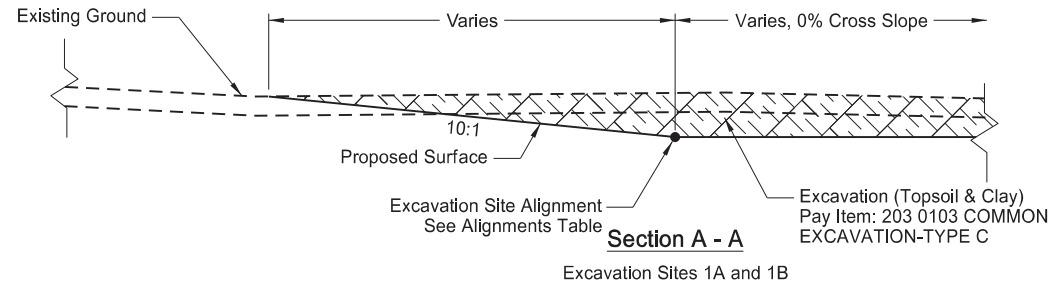
Work Area - Sediment Removal

Wetland Mitigation in Ramsey County, ND
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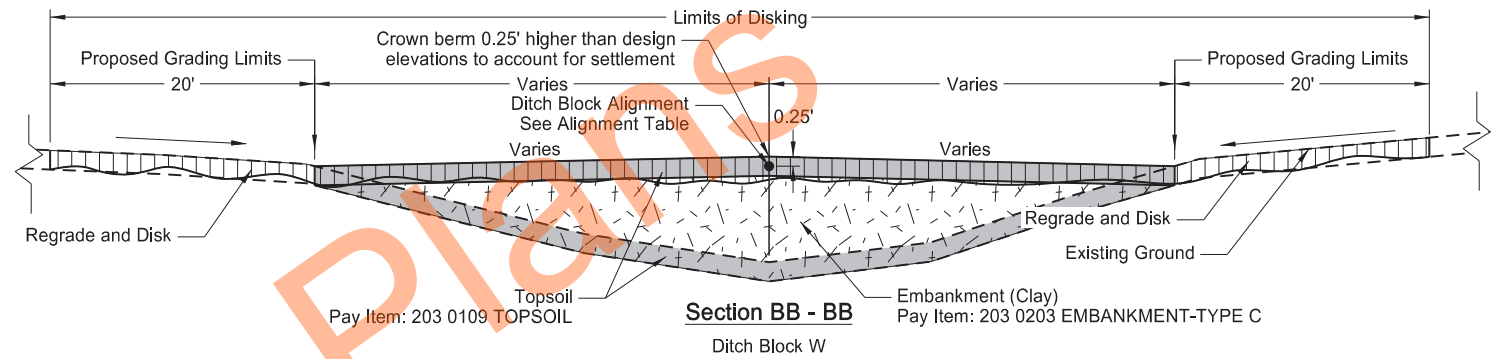
Typical Section Layouts



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Section AA - AA
Excavation Ditch E



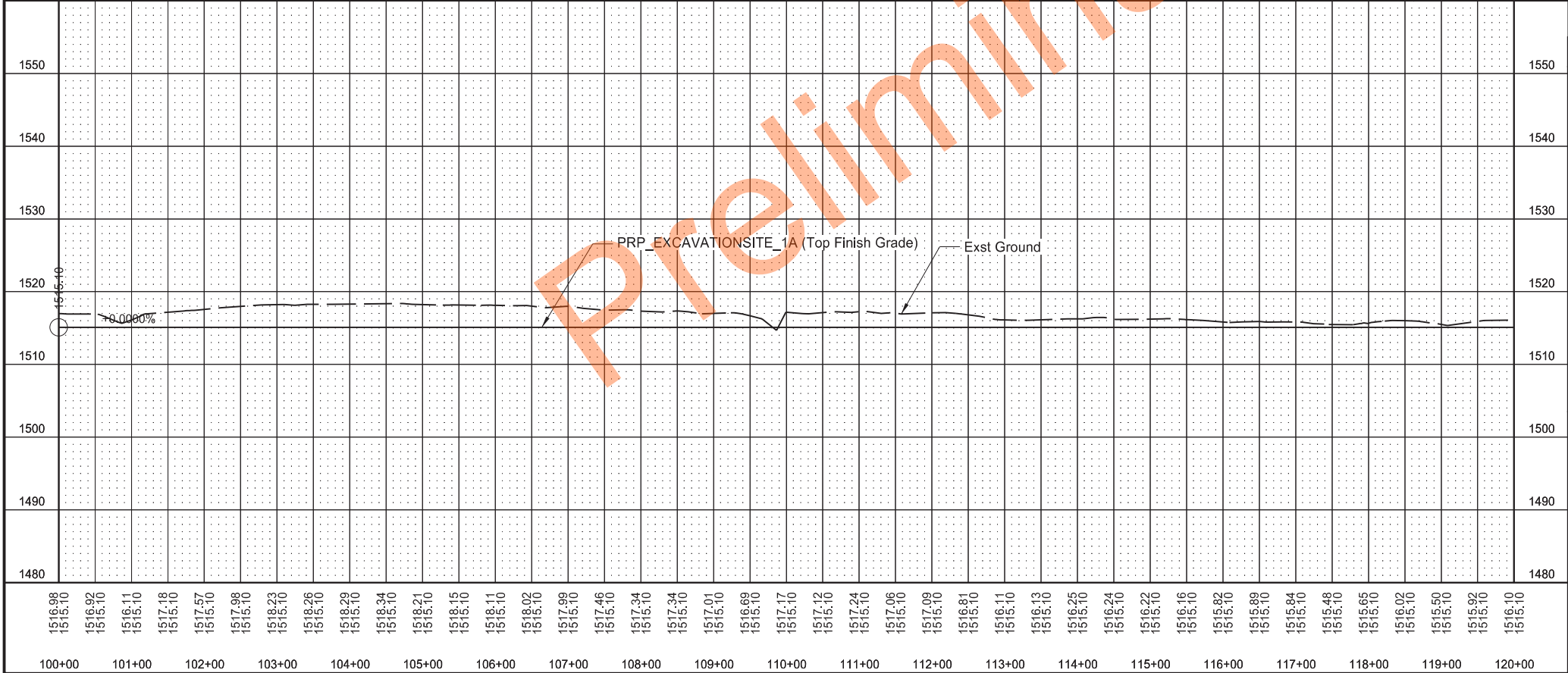
Alignments Table			
Section	Location	Baseline Chain Name	*Proposed Elevation
A - A	Excavation Site 1A	OCL_EXCAVATIONSITE_1A	1515.10
A - A	Excavation Site 1B	OCL_EXCAVATIONSITE_1B	1515.70
AA - AA	Excavation Ditch E	OCL_DITCH_E	1515.00 & 1515.10
B - B	Regrade Existing Ditch E	OCL_DITCH_E	1516.90
B - B	Regrade Existing Ditch E	OCL_DITCH_E_ALT	1516.90
B - B	Regrade Existing Ditch S	OCL_DITCH_S	1517.30
B - B	Regrade Existing Ditch SW	OCL_DITCH_SW	1516.00 & 1515.50
BB - BB	Ditch Block W	OCL_DITCH_W	1516.75
C - C	Excavation Site 2A	OCL_EXCAVATIONSITE_2A	1516.00
C - C	Excavation Site 2B	OCL_EXCAVATIONSITE_2B	1516.00
D - D	Wetland 1c	OCL_DITCH_SW	Match Existing
E - E	Waste Site	OCL_WASTESITE	Varies

*Elevations are to top finish grade

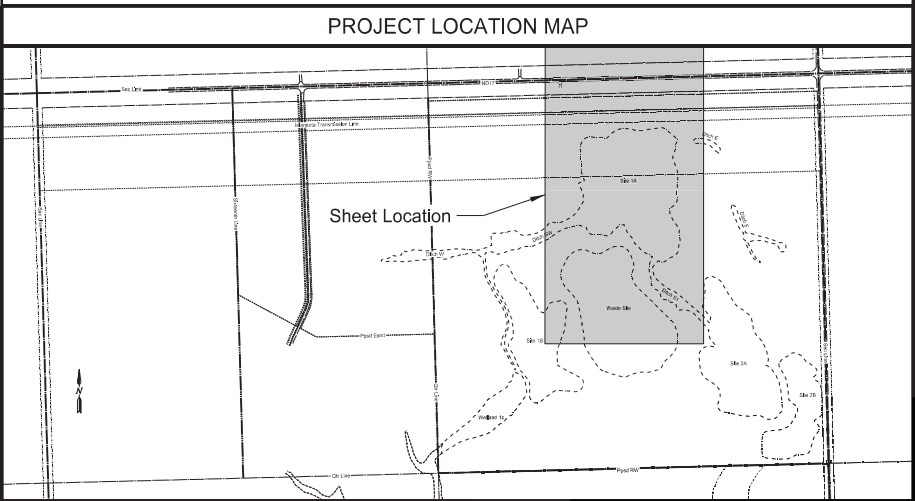
Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Typical Sections





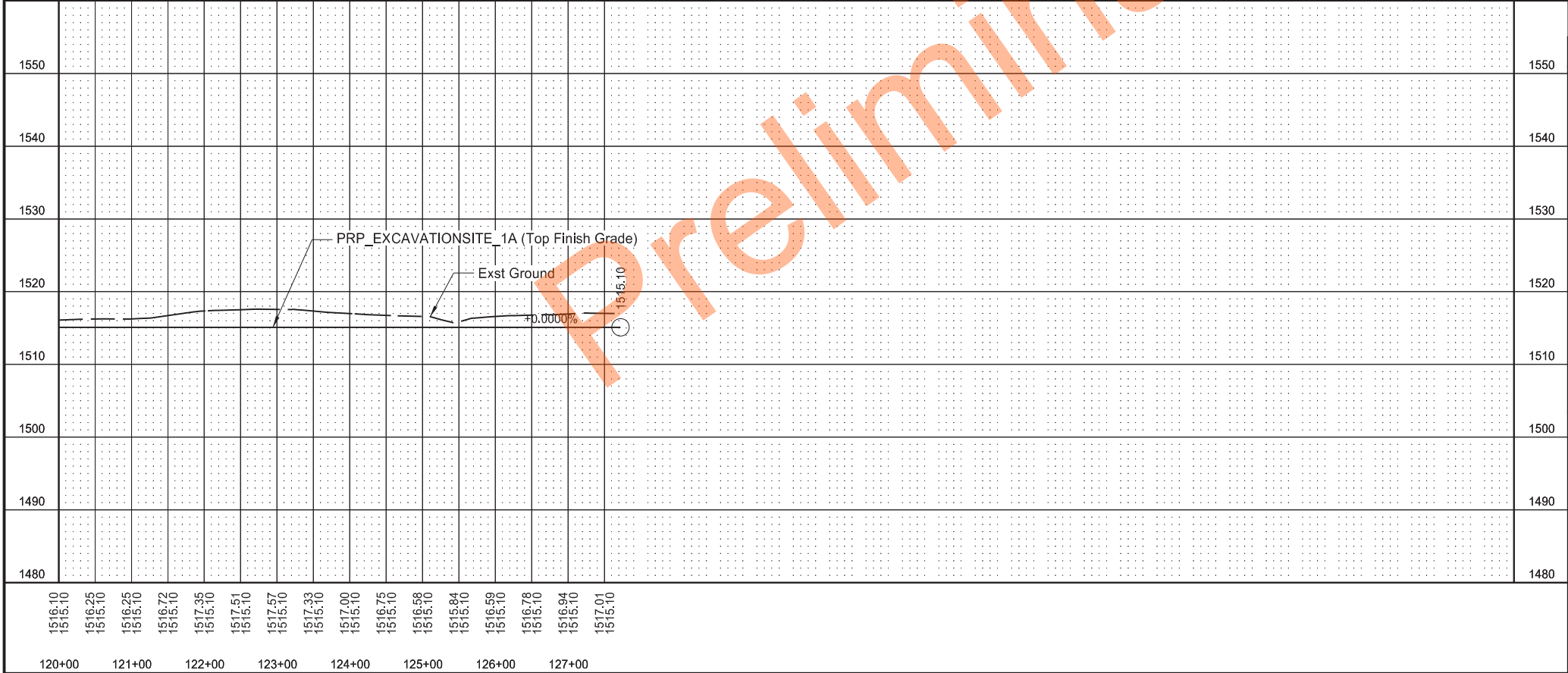
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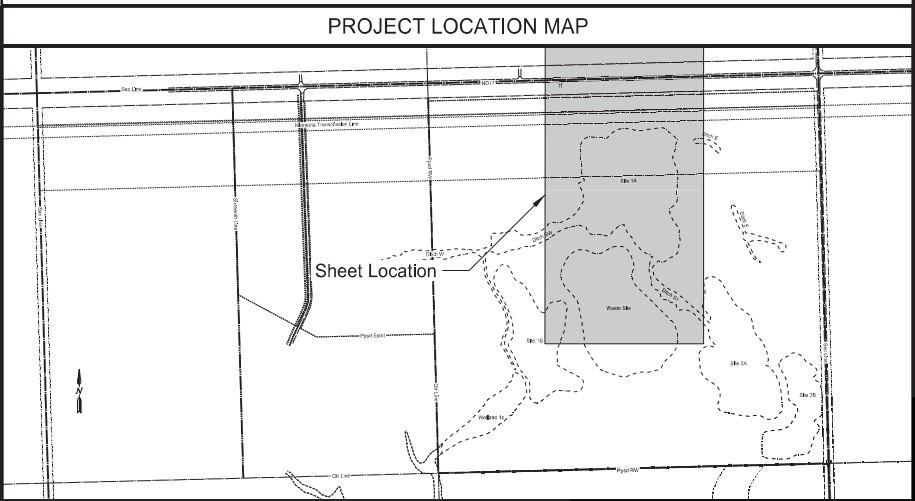
Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Plan and Profile
Site 1A
Sta 100+00.00 to Sta 120+00.00

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 01/12/26
NORTH DAKOTA



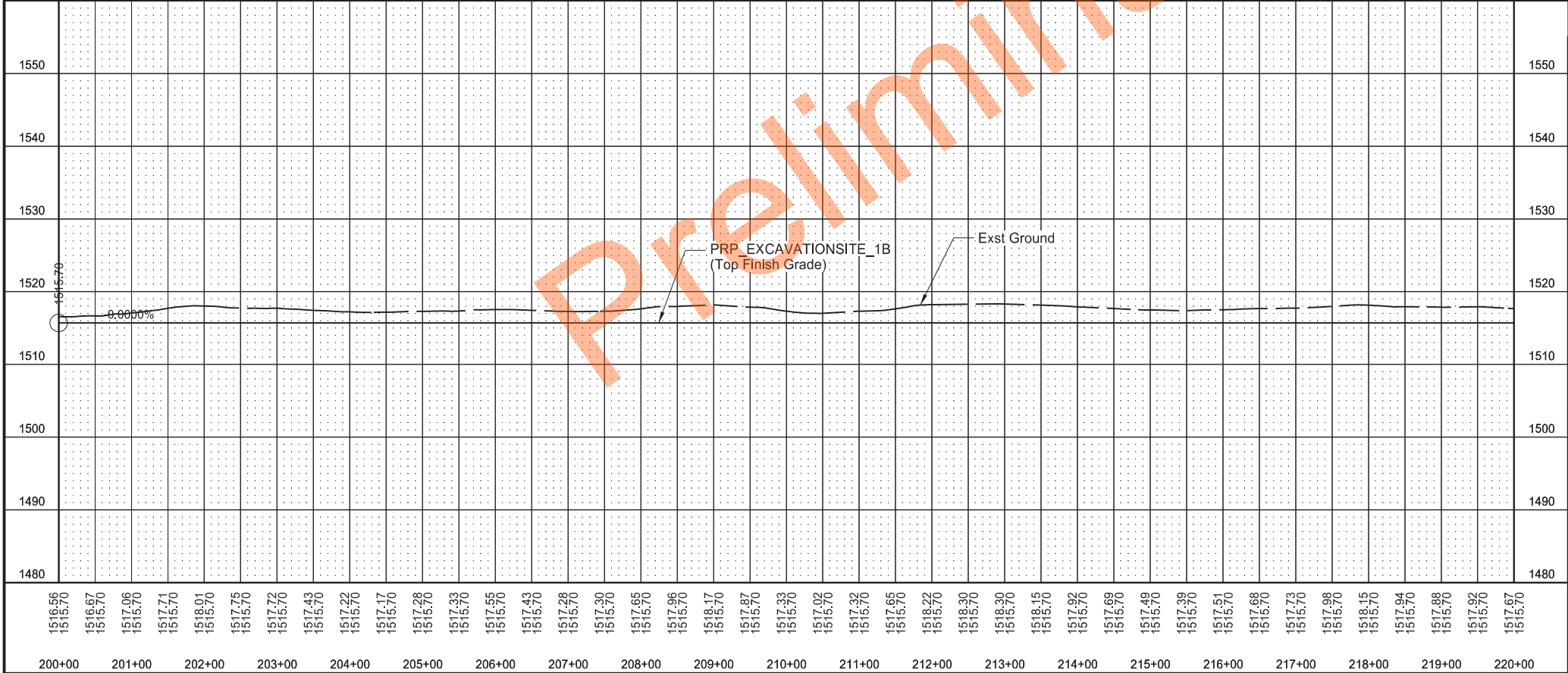
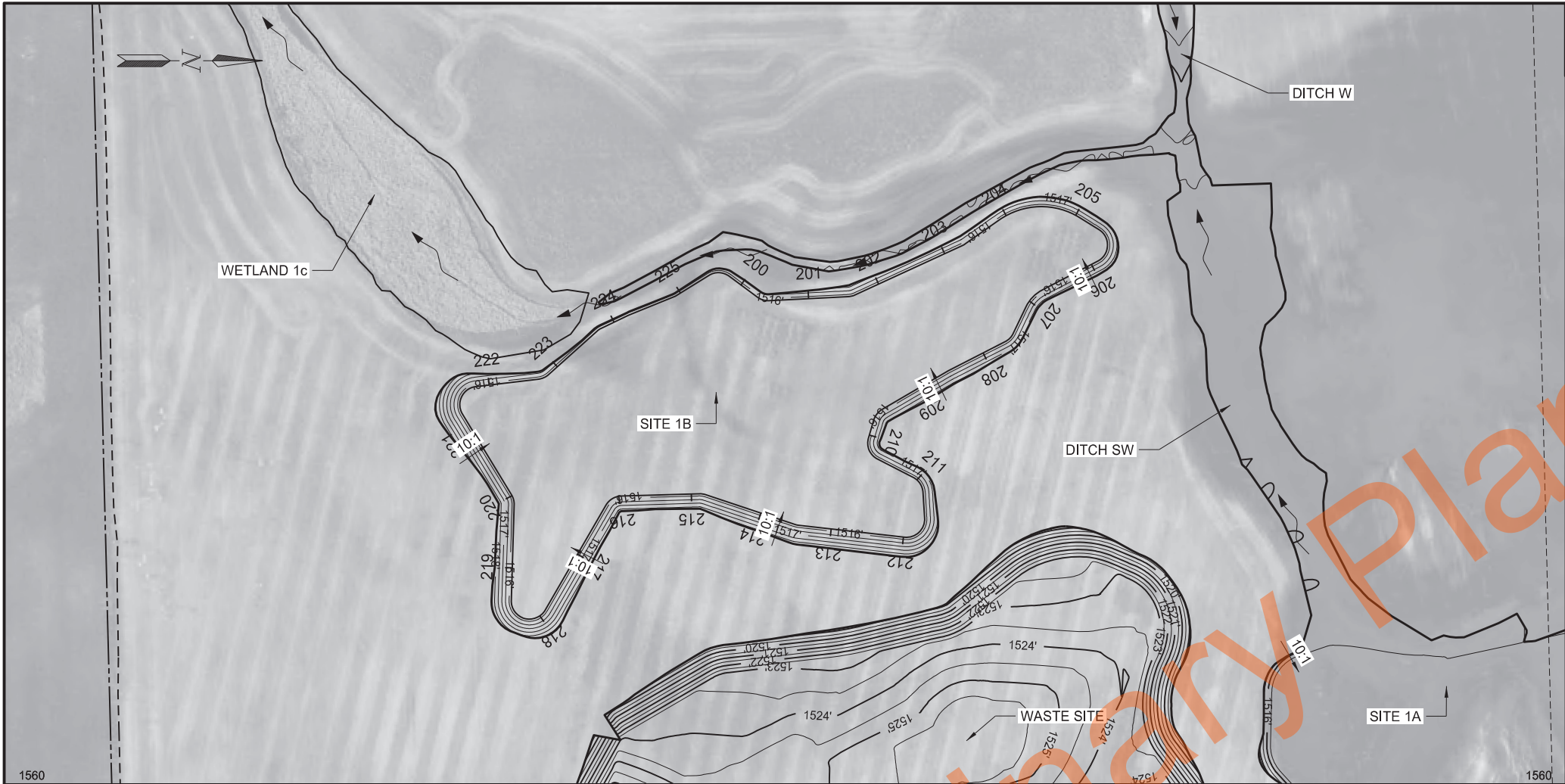
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Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Plan and Profile
Site 1A
Sta 120+00.00 to Sta 127+72.05

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 01/12/26
NORTH DAKOTA

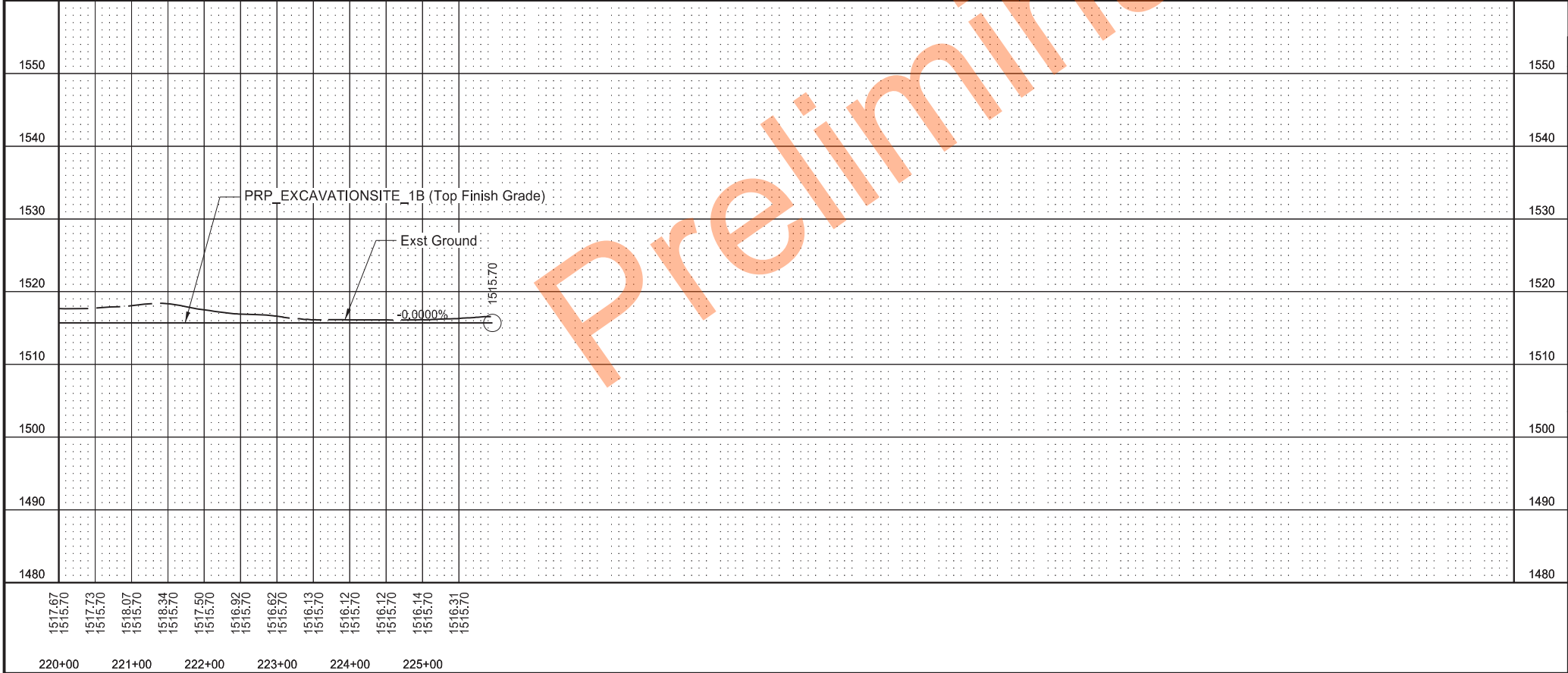
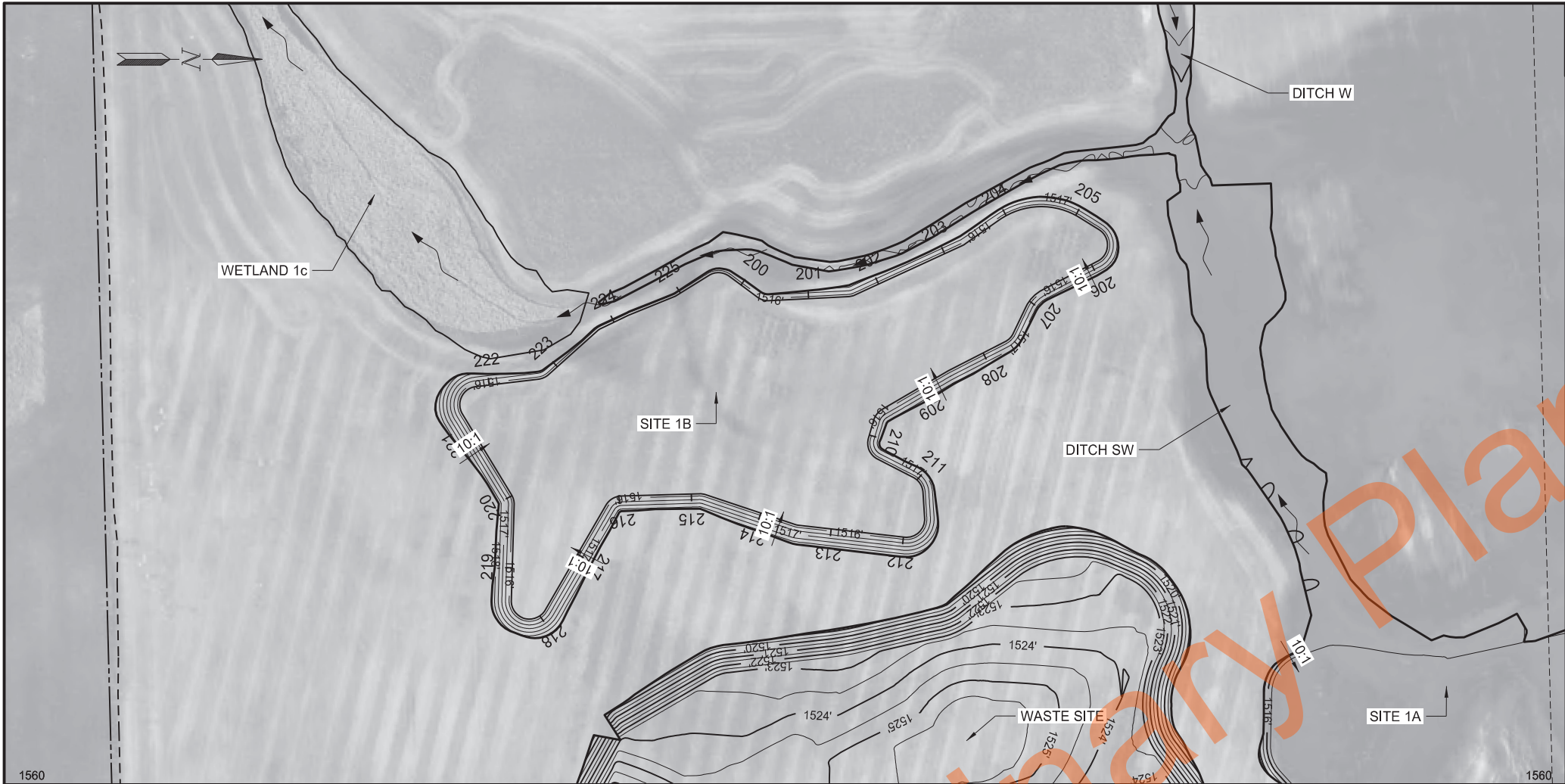


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PROJECT LOCATION MAP

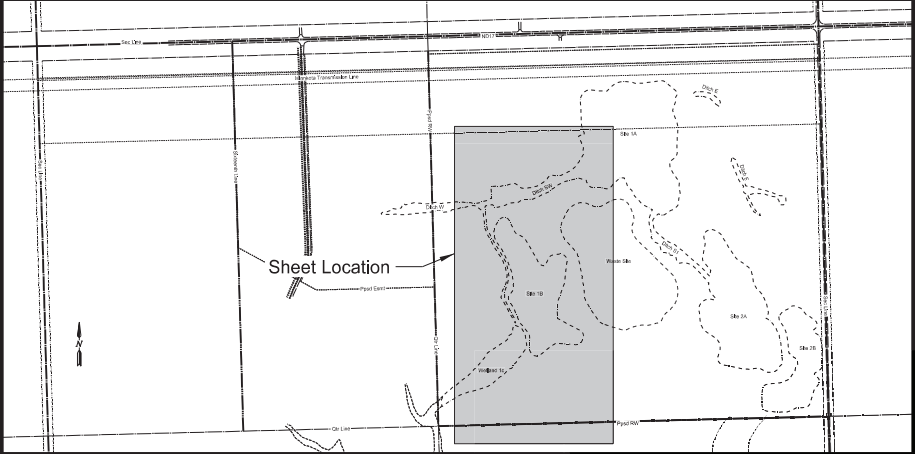
Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Plan and Profile
Site 1B
Sta 200+00.00 to Sta 220+00.00



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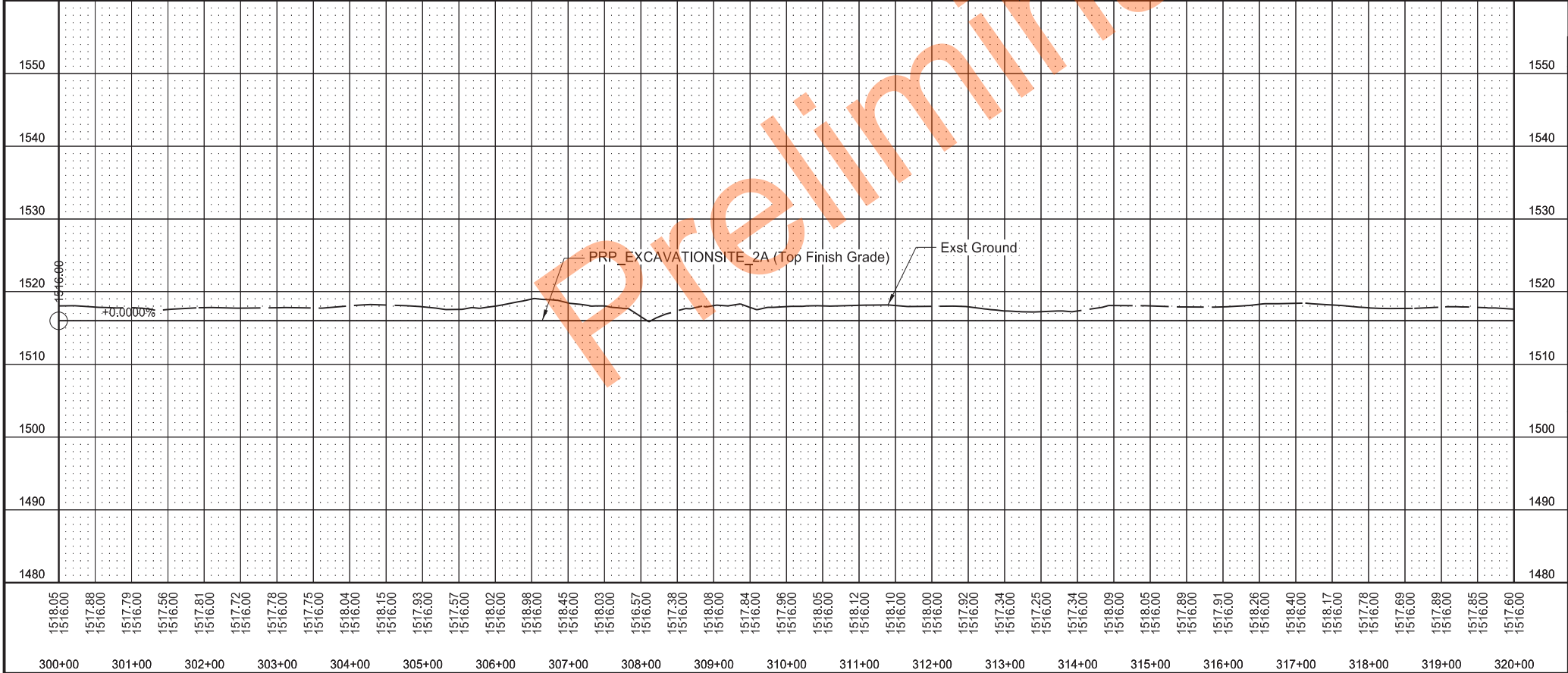
PROJECT LOCATION MAP



Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

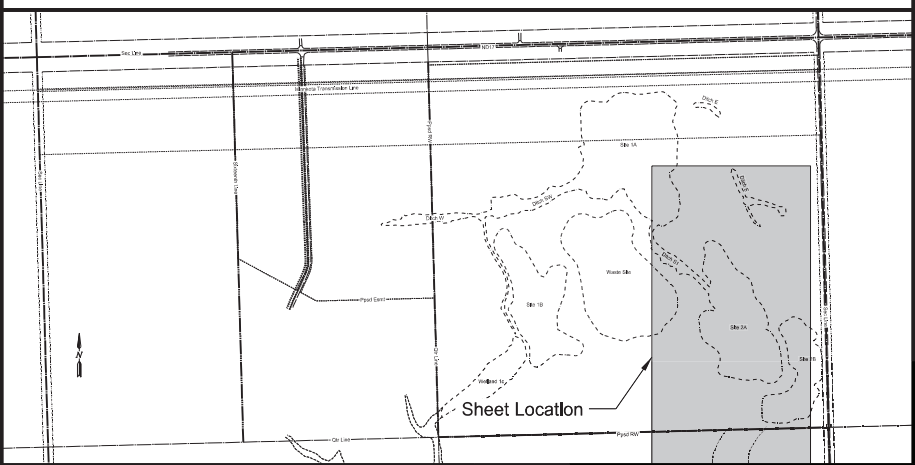
Plan and Profile
Site 1B
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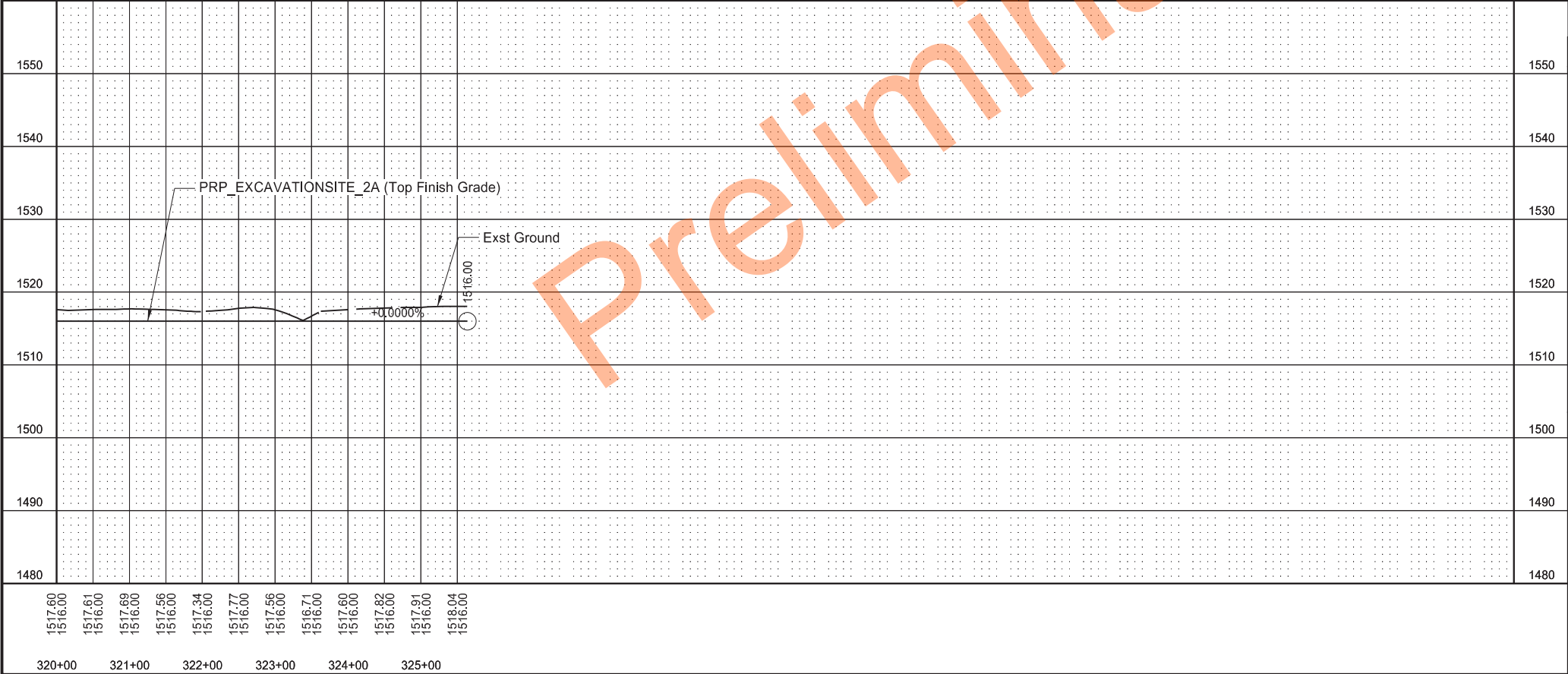
PROJECT LOCATION MAP



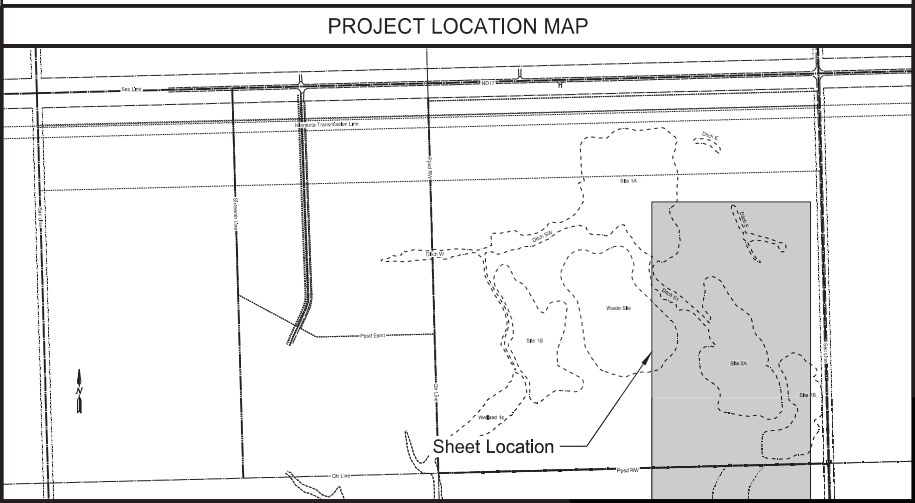
Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Plan and Profile
Site 2A
Sta 300+00.00 to Sta 320+00.00





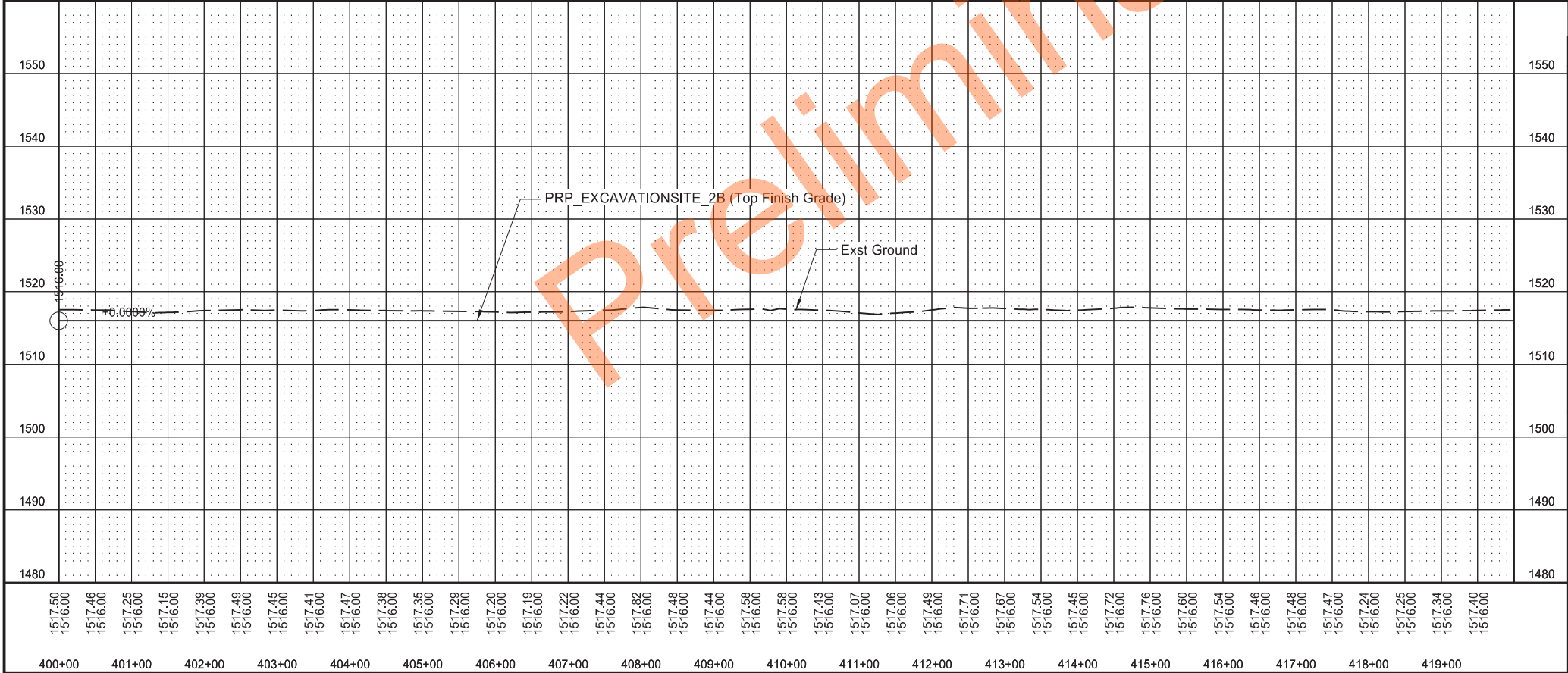
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-ARP-3-999(054)	60	6



Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

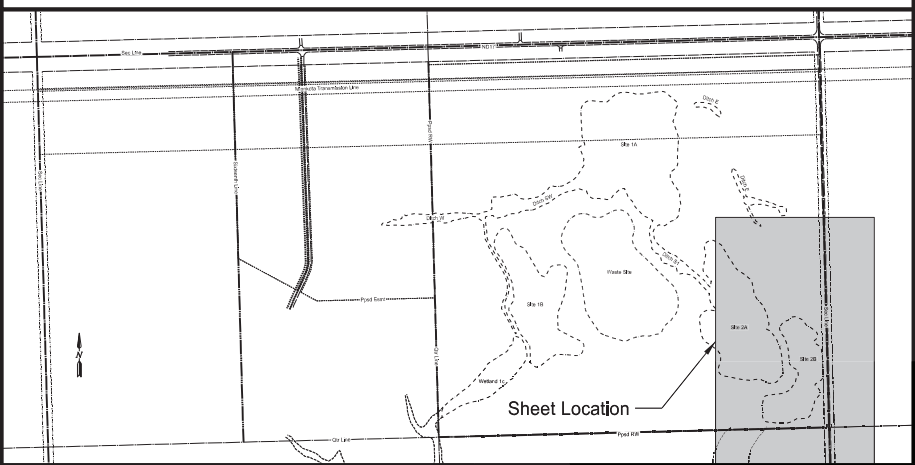
Plan and Profile
Site 2A
Sta 320+00.00 to Sta 325+63.84

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 01/12/26
NORTH DAKOTA



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-ARP-3-999(054)	60	7

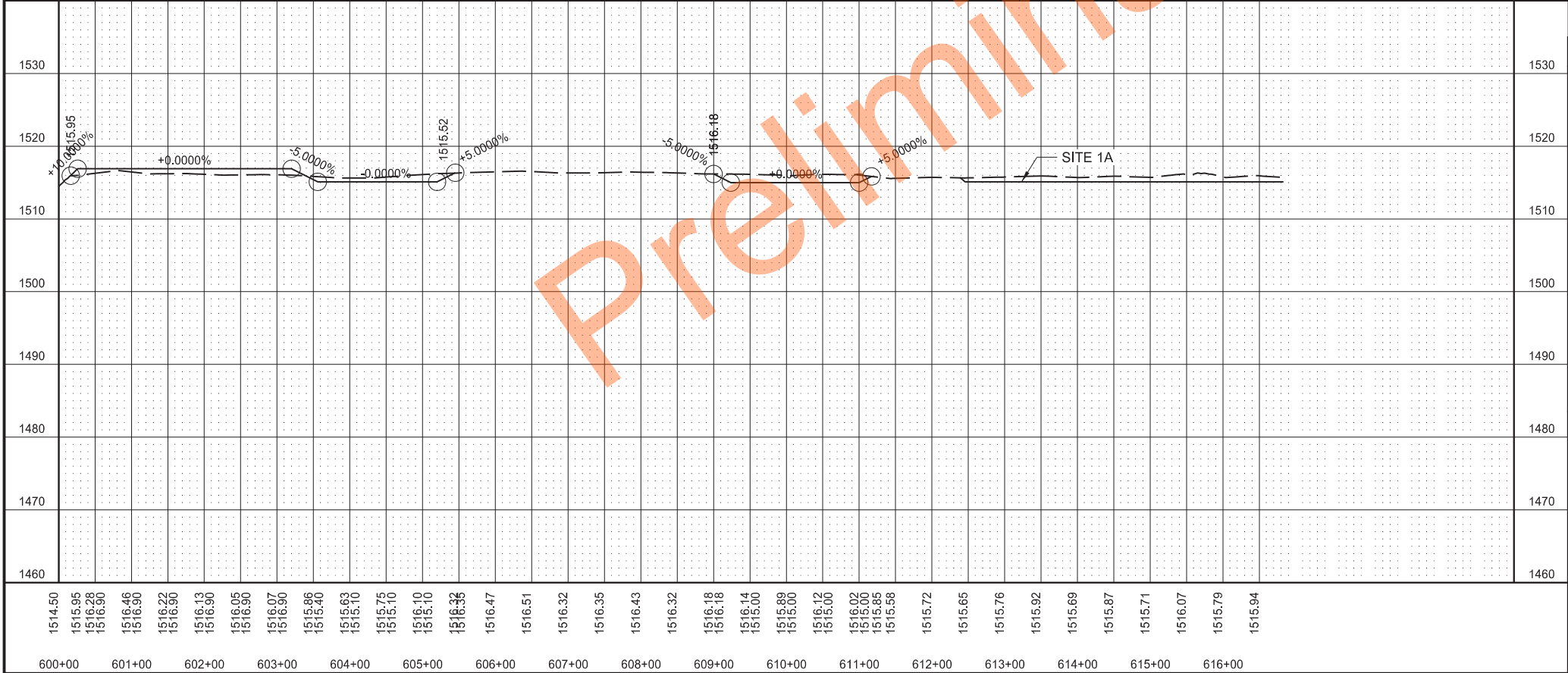
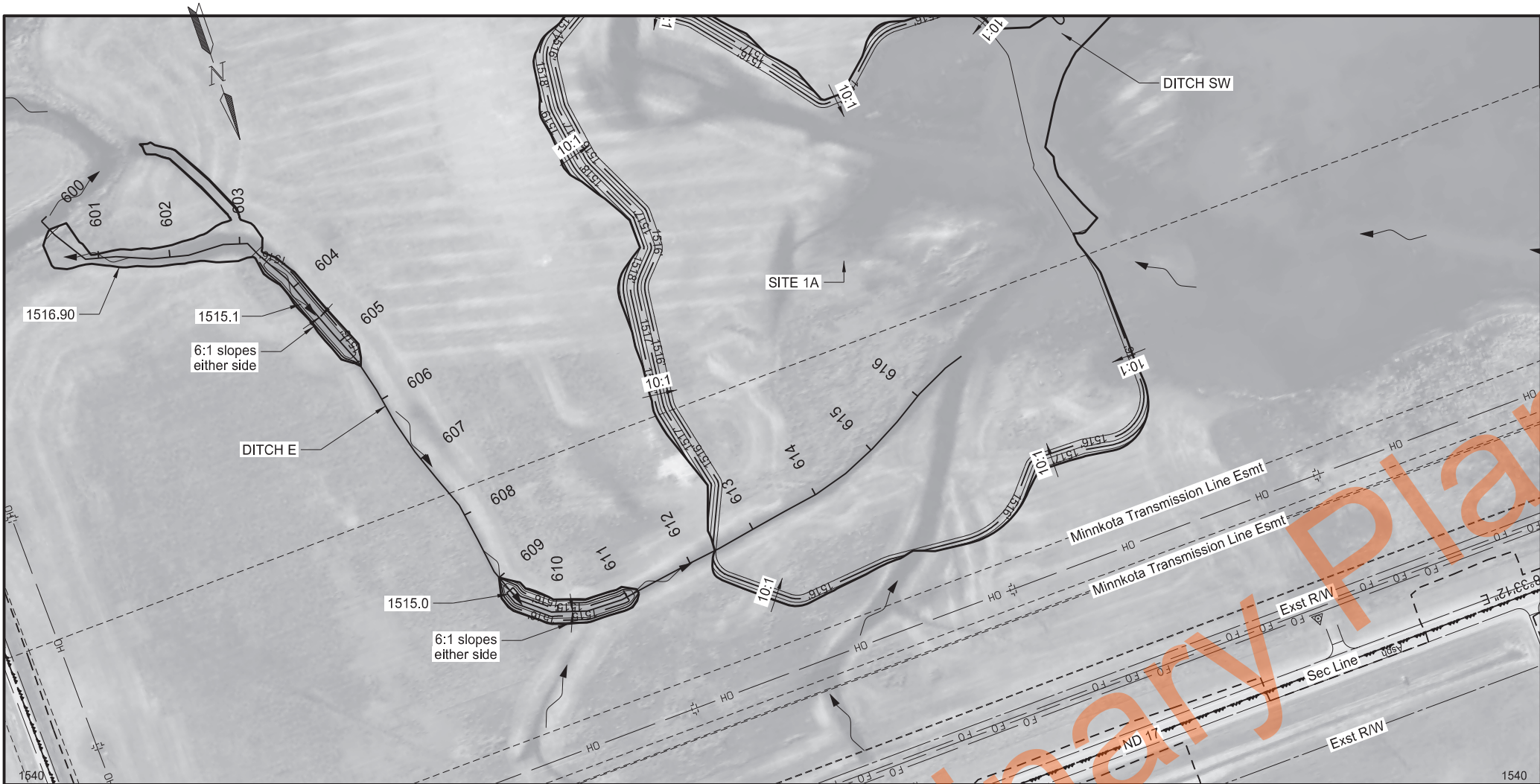
PROJECT LOCATION MAP



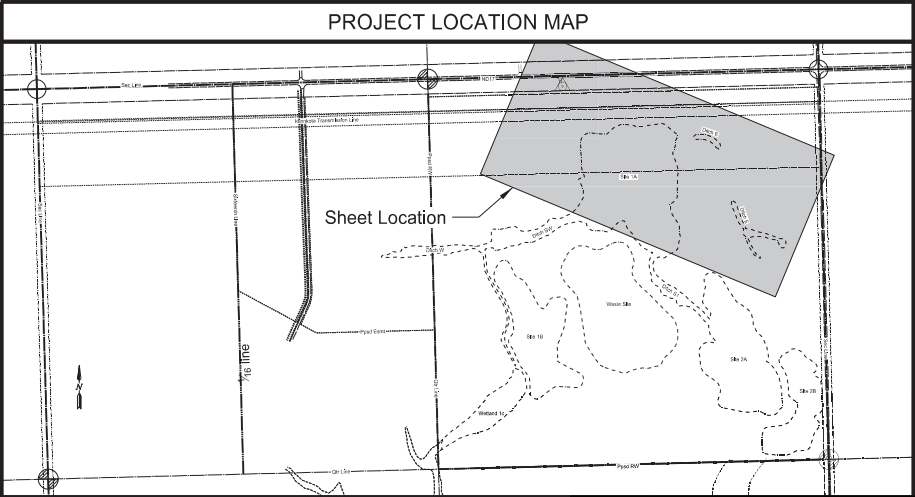
Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Plan and Profile
Site 2B
Sta 400+00.00 to Sta 419+46.59





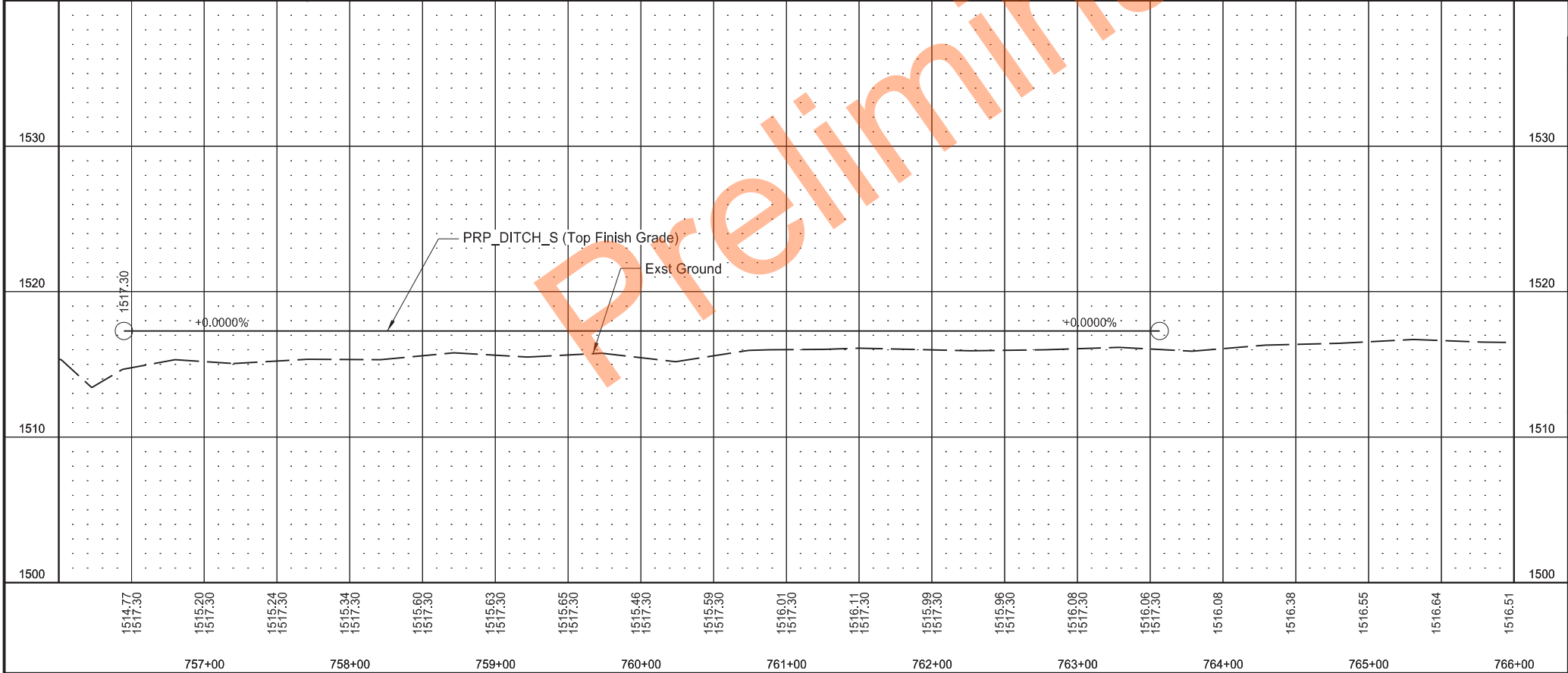
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-ARP-3-999(054)	60	8



Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

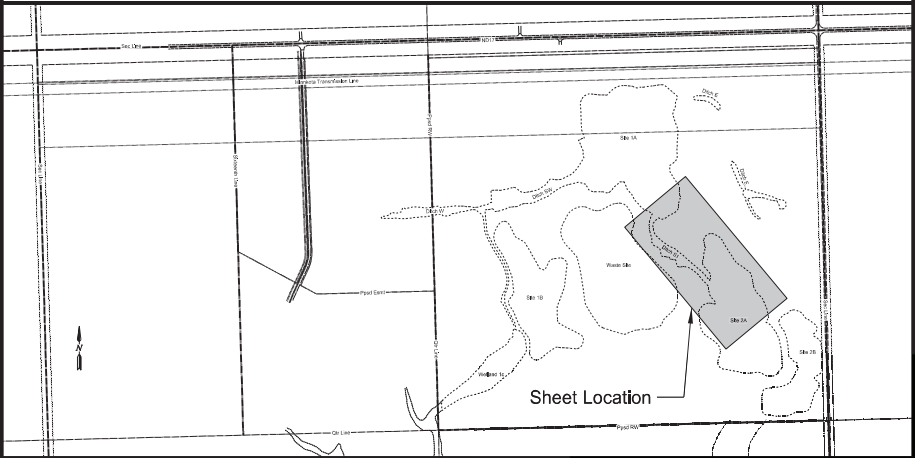
Plan and Profile
Ditch E
Sta 600+00.00 to Sta 616+83.12

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 01/12/26
NORTH DAKOTA



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-ARP-3-999(054)	60	9

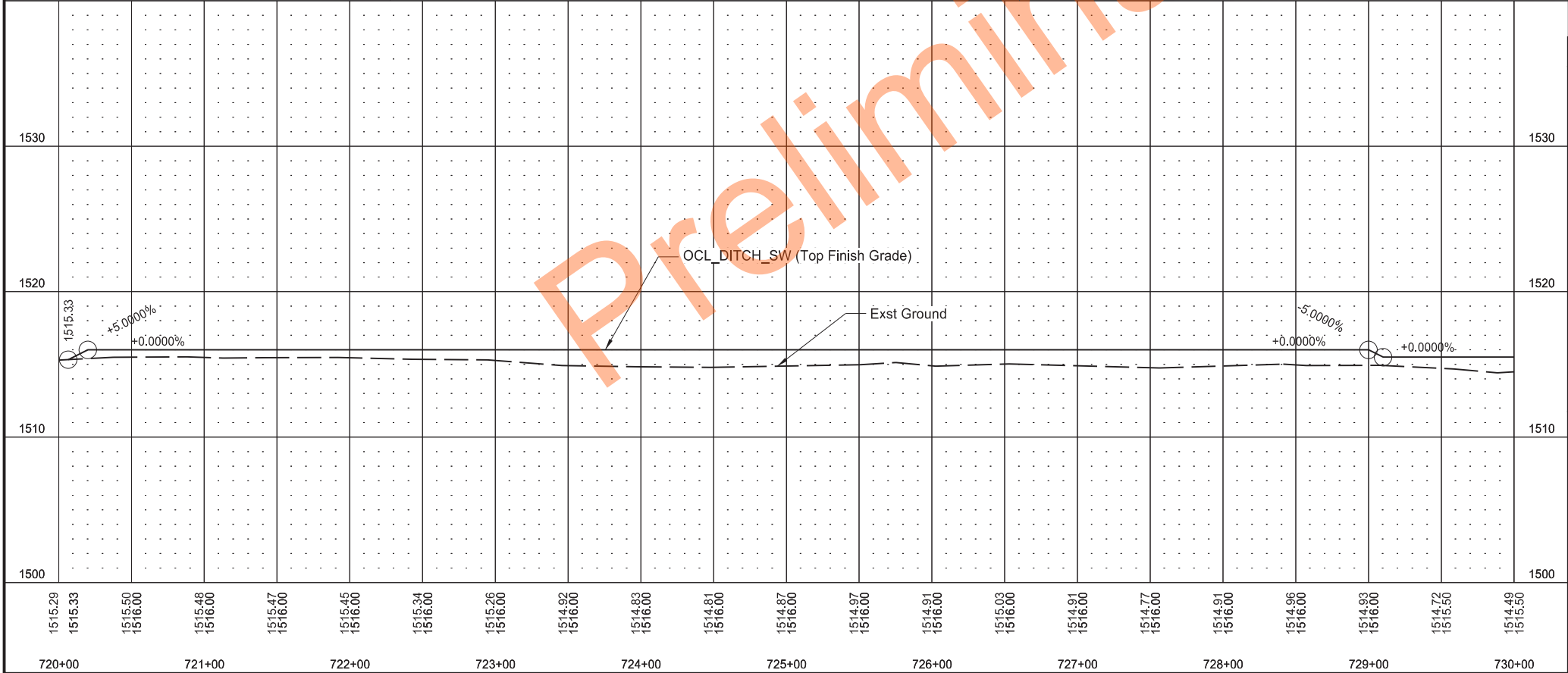
PROJECT LOCATION MAP



Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

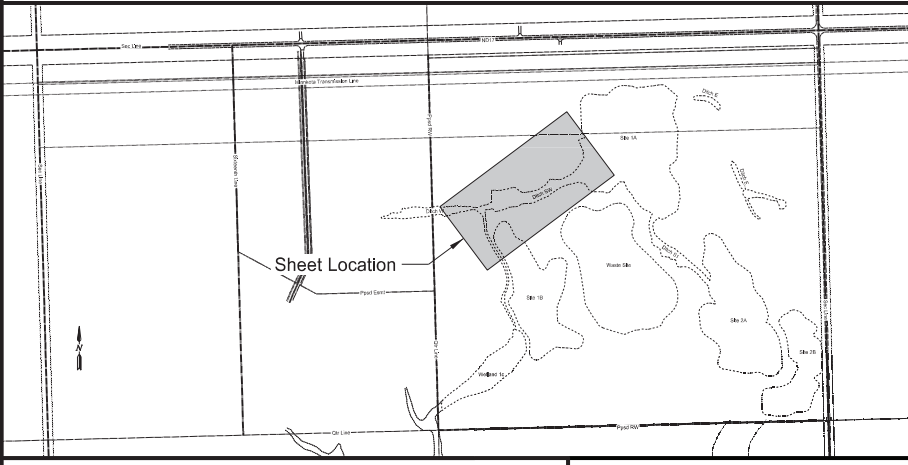
Plan and Profile
Ditch S
Sta 750+00.00 to Sta 768+12.23





STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-ARP-3-999(054)	60	10

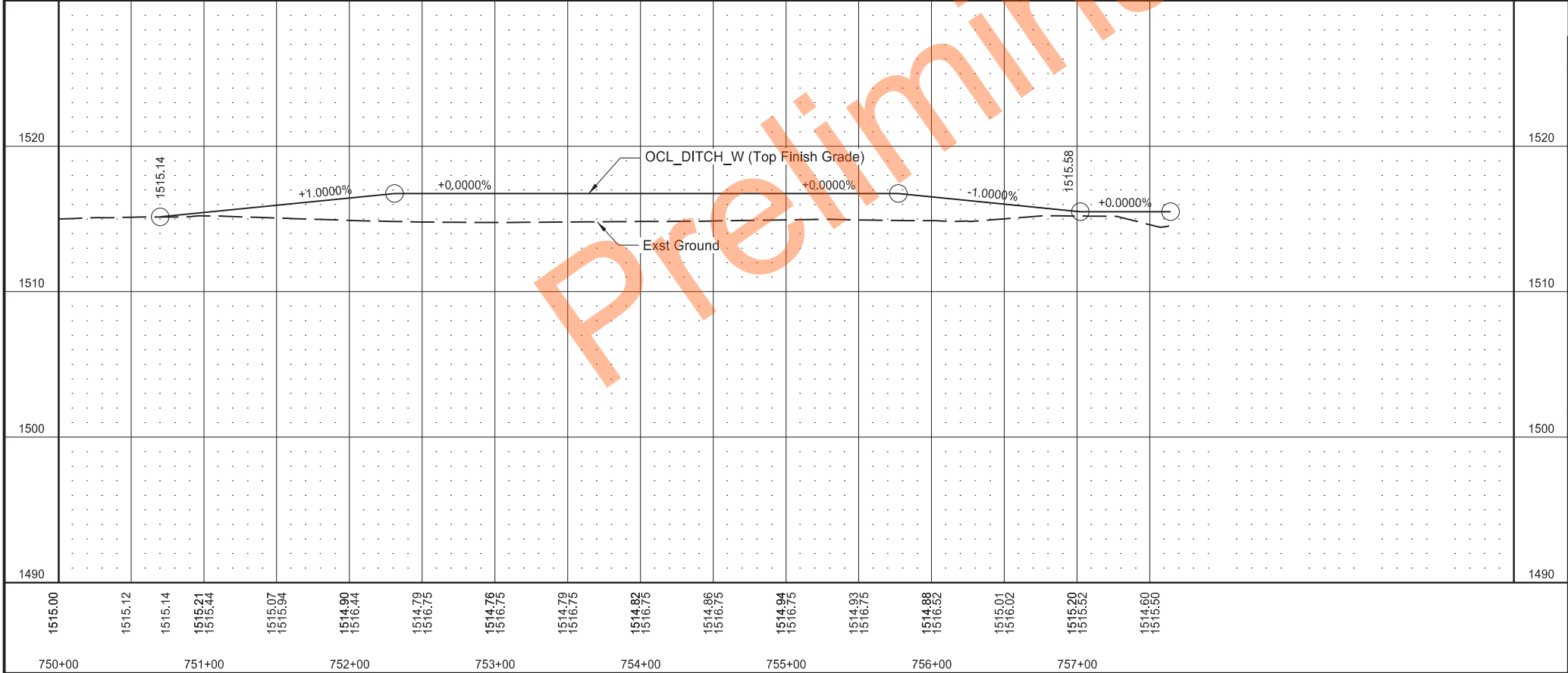
PROJECT LOCATION MAP



Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Plan and Profile
Ditch SW
Sta 720+00.00 to Sta 730+00.00





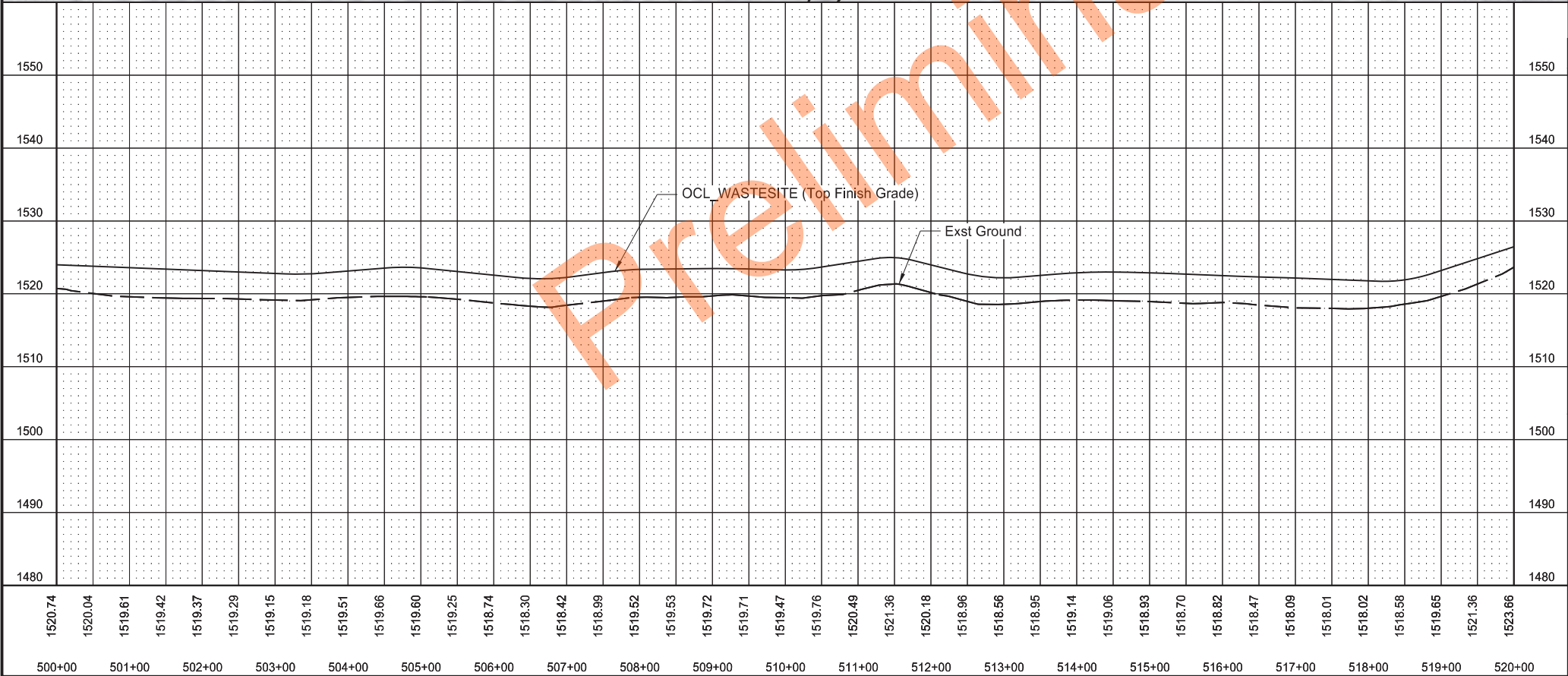
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-ARP-3-999(054)	60	12

PROJECT LOCATION MAP

Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Plan and Profile
Ditch W
Sta 750+00.00 to Sta 757+64.26

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 01/12/26
NORTH DAKOTA



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-ARP-3-999(054)	60	13

PROJECT LOCATION MAP

Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Plan and Profile
Waste Site
Sta 500+00.00 to Sta 520+00.00

REGISTERED PROFESSIONAL ENGINEER
TODD HUMMEL
PE-10606
DATE 01/12/26
NORTH DAKOTA



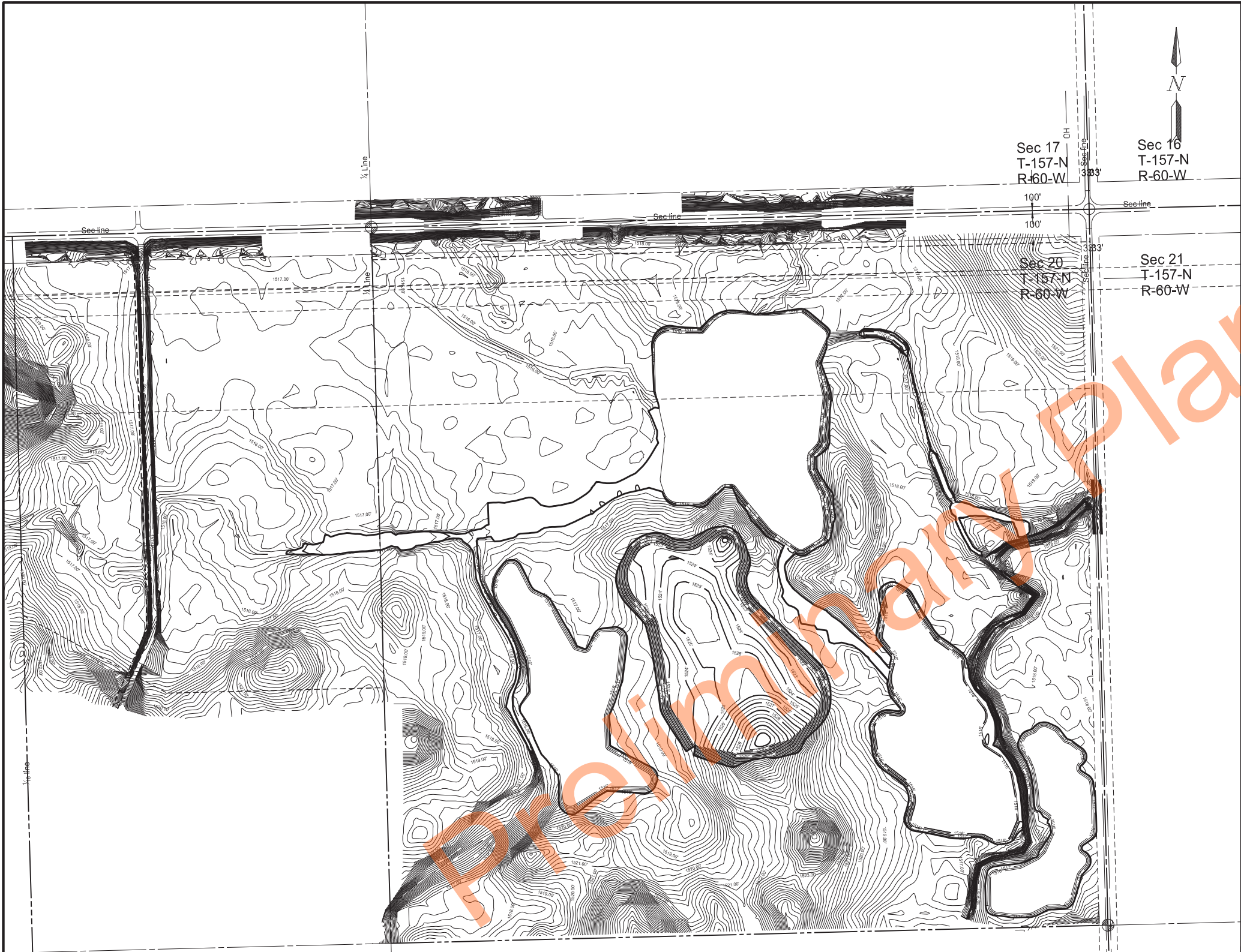
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-ARP-3-999(054)	60	14

PROJECT LOCATION MAP

Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Plan and Profile
Waste Site
Sta 520+00.00 to Sta 524+28.79

TODD HUMMEL
REGISTERED PROFESSIONAL ENGINEER
PE-10606
DATE 01/12/26
NORTH DAKOTA



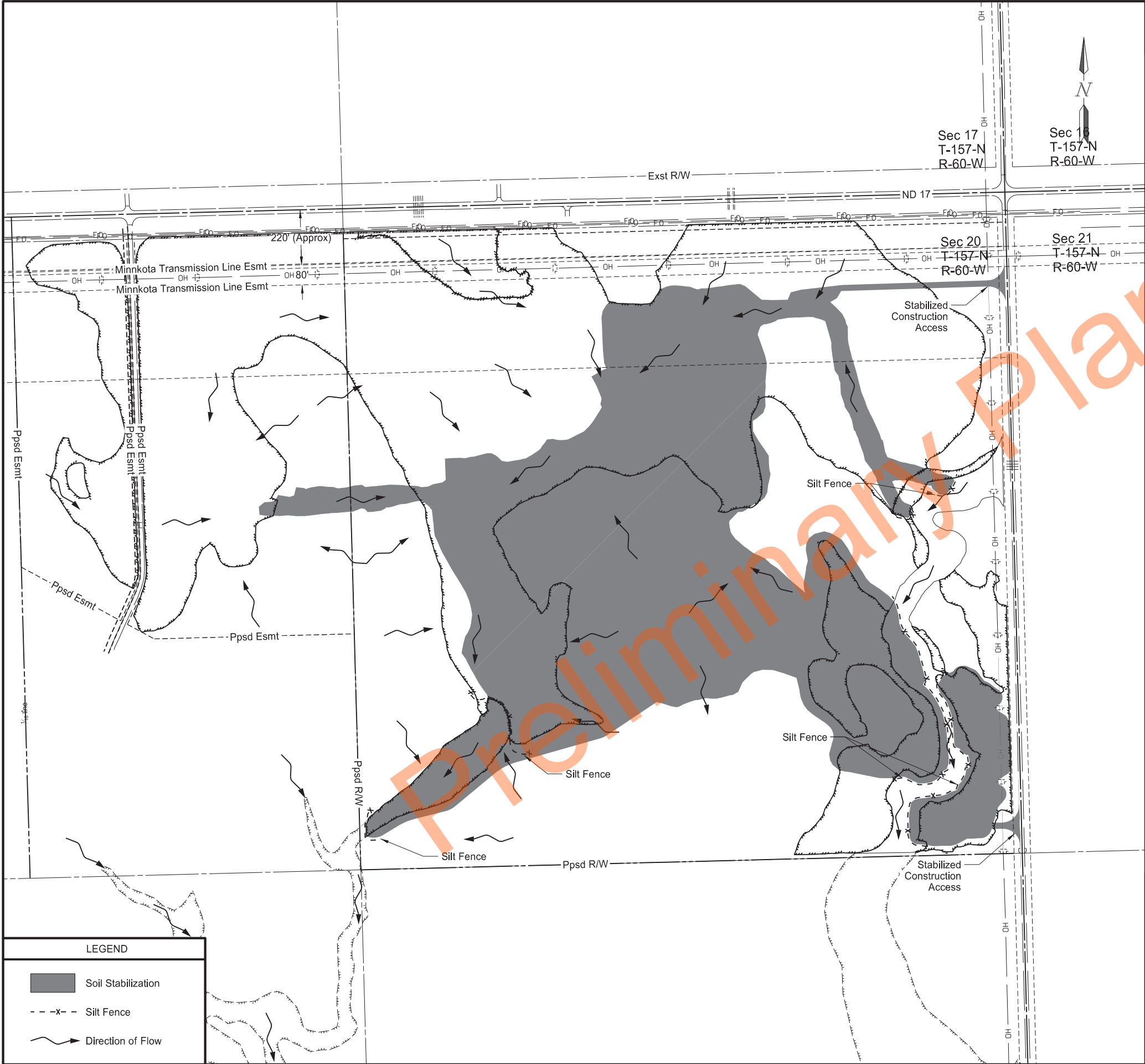
LEGEND	
	Proposed Major Contour (1' Interval)
	Proposed Minor Contour (0.5' Interval)
	Existing Major Contour (1' Interval)
	Existing Minor Contour (0.5' Interval)

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-ARP-3-999(054)	70	1

Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Contours





LEGEND

Soil Stabilization

- - -x- - -Silt Fence

Direction of Flow

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	76	1

SPEC	CODE	BID ITEM	QTY	UNIT
253	0061	SOIL STABILIZATION		
		Wetland Mitigation	60.48	ACRE
260	0300	SILT FENCE		
		Wetland Mitigation	2,995	LF
260	0301	REMOVE SILT FENCE		
		Wetland Mitigation	2,995	LF

Wetland Mitigation In Ramsey County, ND
1.5 Miles East of Edmore, ND

Temporary Erosion Control

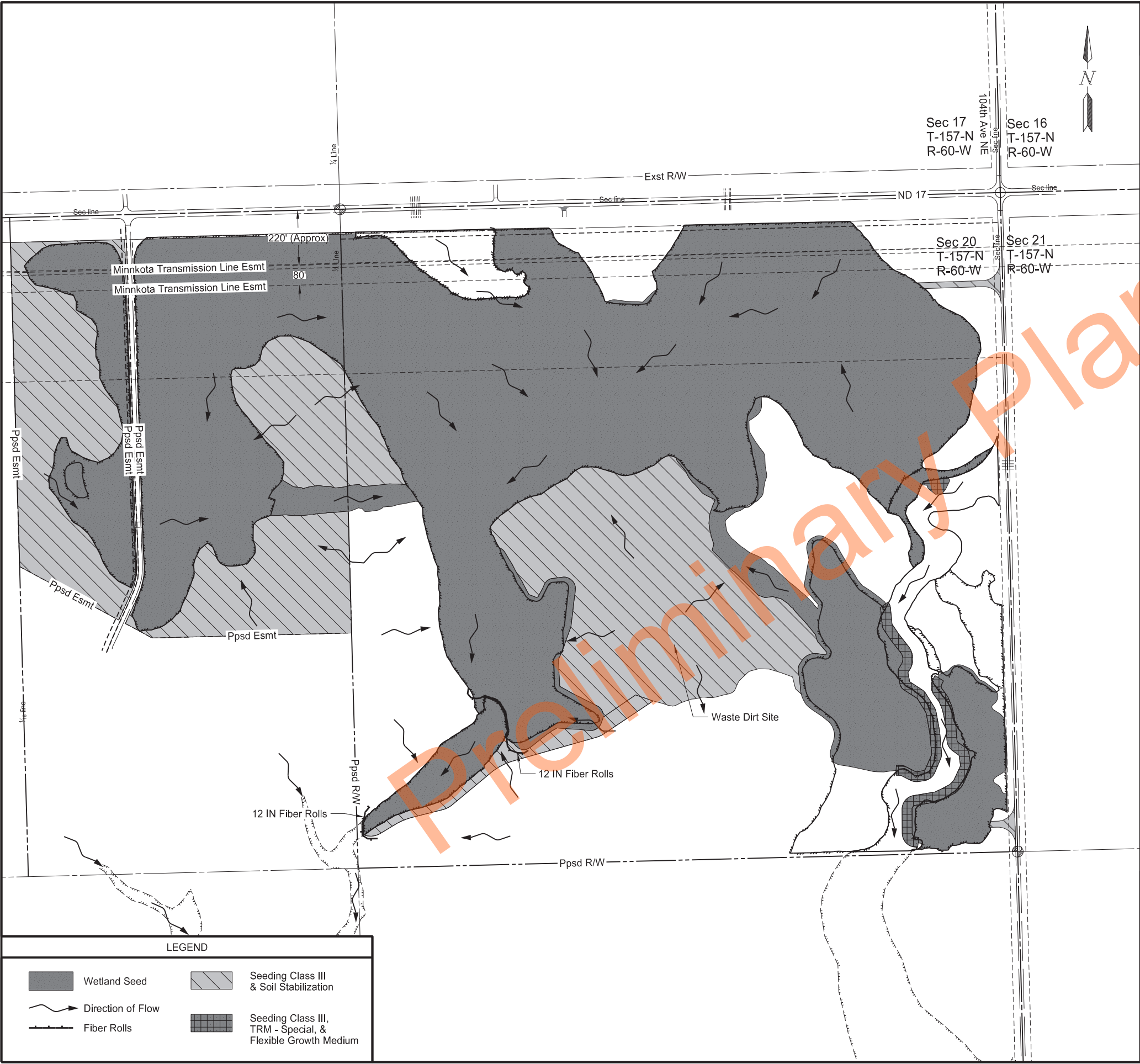
REGISTERED PROFESSIONAL ENGINEER

TODD HUMMEL

PE-10606

DATE 04/03/26

NORTH DAKOTA



LEGEND

Wetland Seed

Seeding Class III & Soil Stabilization

Direction of Flow

Seeding Class III, TRM - Special, & Flexible Growth Medium

Fiber Rolls

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	77	1

SPEC	CODE	BID ITEM	QTY	UNIT
251	0300	SEEDING CLASS III		
		Additional Disturbance Locations	23.19	ACRE
		Waste Site Location	17.64	ACRE
		Site Stream Bench Locations	1.73	ACRE
251	1000	WETLAND SEED		
		Wetland Mitigation	98.72	ACRE
253	0061	SOIL STABILIZATION		
		Additional Disturbance Locations	23.19	ACRE
		Waste Site Location	17.64	ACRE
255	0200	TRM SPECIAL		
		Site Stream Bench Locations	8,362	SY
261	0112	FIBER ROLLS 12IN		
		Wetland Mitigation	638	LF
900	0700	FLEXIBLE GROWTH MEDIUM		
		Site Stream Bench Locations	8,362	SY

Wetland Mitigation Bank in Ramsey County, ND
1.5 Miles East of Edmore, ND

Permanent Erosion Control

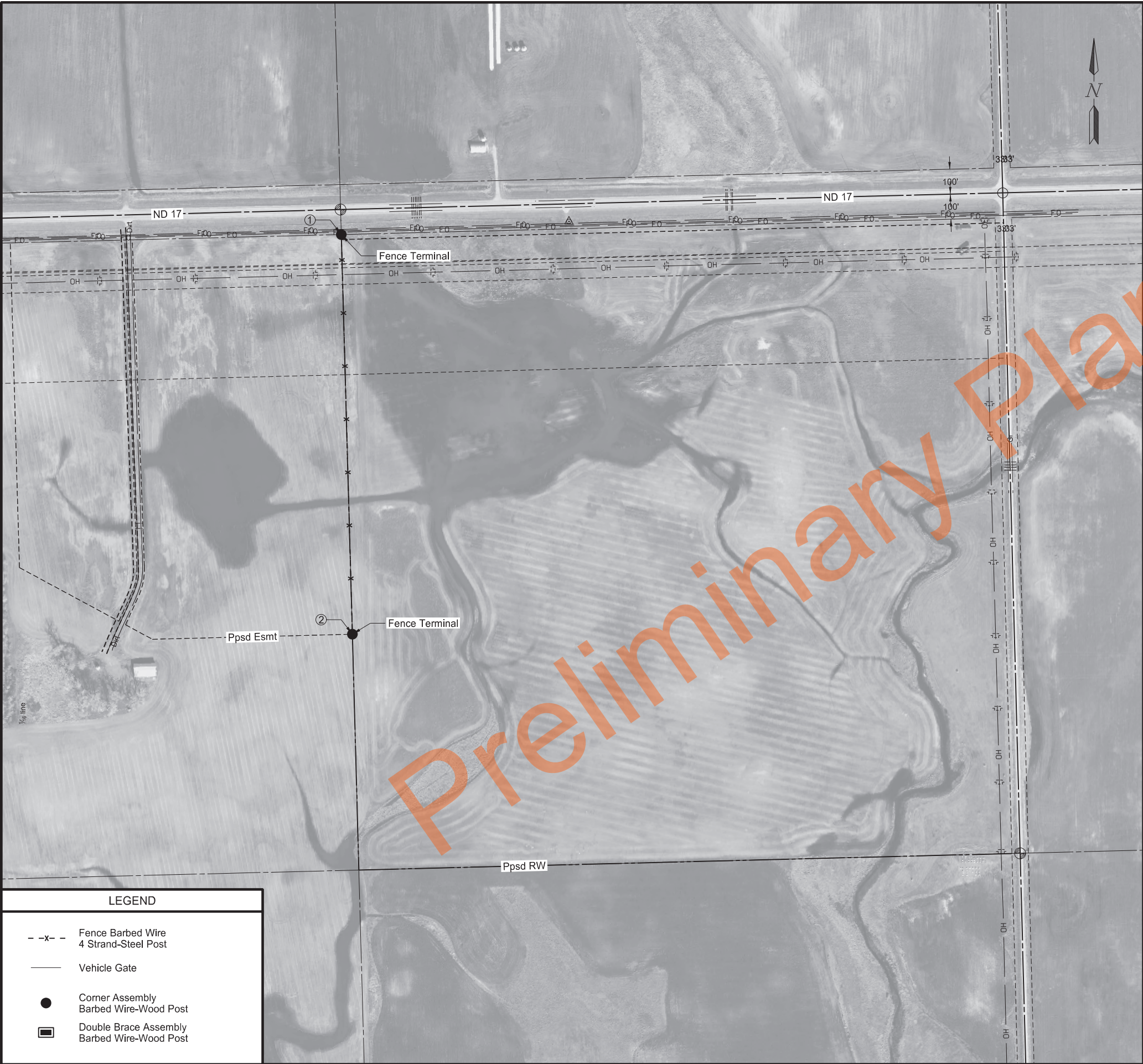
REGISTERED PROFESSIONAL ENGINEER

TODD HUMMEL

PE-10606

DATE 04/03/26

NORTH DAKOTA



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	80	1

SPEC	CODE	BID ITEM	QTY	UNIT
752	0200	FENCE BARBED WIRE 4 STRAND	1,600	LF
752	0993	FENCE TERMINAL	2	EA

Point	Description	Northing	Easting
1	Fence Terminal	522349.0555	2474819.5887
2	Fence Terminal	520749.6637	2474863.8716

LEGEND	
--x--	Fence Barbed Wire 4 Strand-Steel Post
—	Vehicle Gate
●	Corner Assembly Barbed Wire-Wood Post
▣	Double Brace Assembly Barbed Wire-Wood Post

Wetland Mitigation in Devils Lake, ND
1.5 Miles East of Edmore, ND

Fencing Layout





	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	110	3

①

**WETLAND
MITIGATION
BOUNDARY**
NDOT/LANDOWNER
PARTNERSHIP

②

**WETLAND
MITIGATION
BOUNDARY**
NDOT/NDCAF
PARTNERSHIP

NOTES:
Sign locations are approximate, Engineer to
field verify locations prior to placement.

See Sign and Post Details for information.

Type	Point Name	Northing	Easting
①	Sign 1	522315.6089	2473495.2643
①	Sign 2	522327.9360	2473983.3594
②	Sign 3	522349.0555	2474819.5887
②	Sign 4	522382.0855	2476127.4183
②	Sign 5	522415.1156	2477435.2478
②	Sign 6	521143.5671	2477468.7947
②	Sign 7	519872.0187	2477502.3415
②	Sign 8	519839.0312	2476196.1697
②	Sign 9	519806.0430	2474889.9980
②	Sign 10	520749.6637	2474863.8716
①	Sign 11	520729.4657	2474064.1266
①	Sign 12	521016.1306	2473532.0912

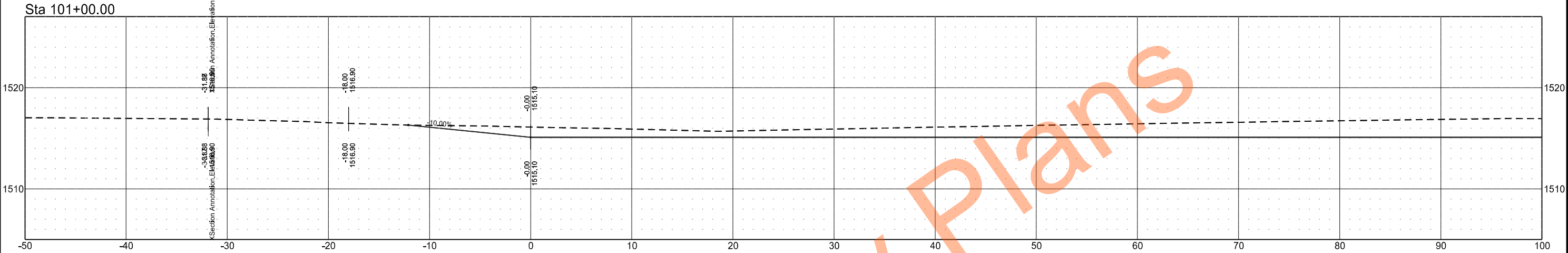
Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

Signing

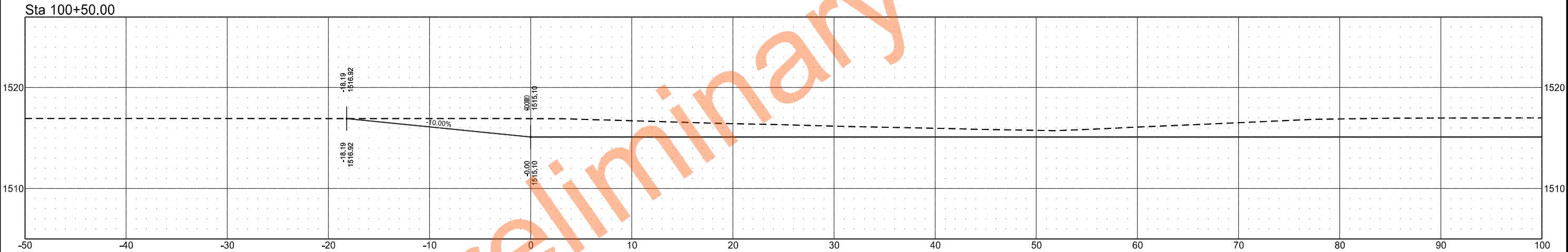


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	1

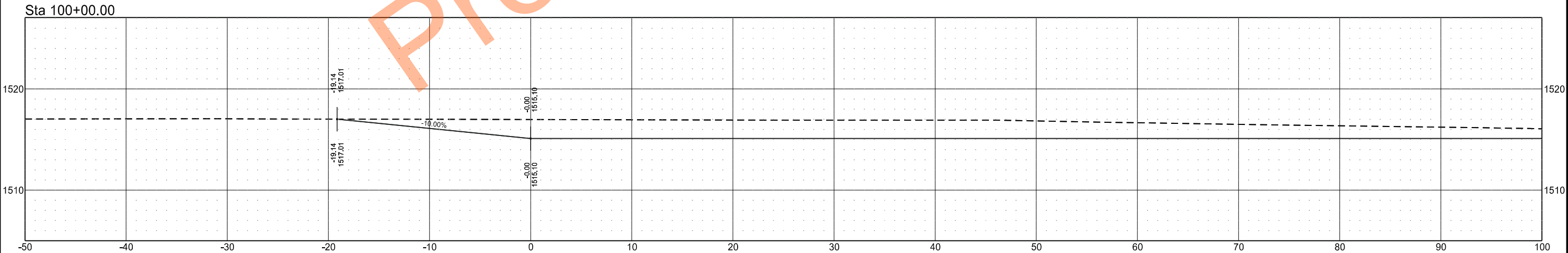
Sta 101+00.00

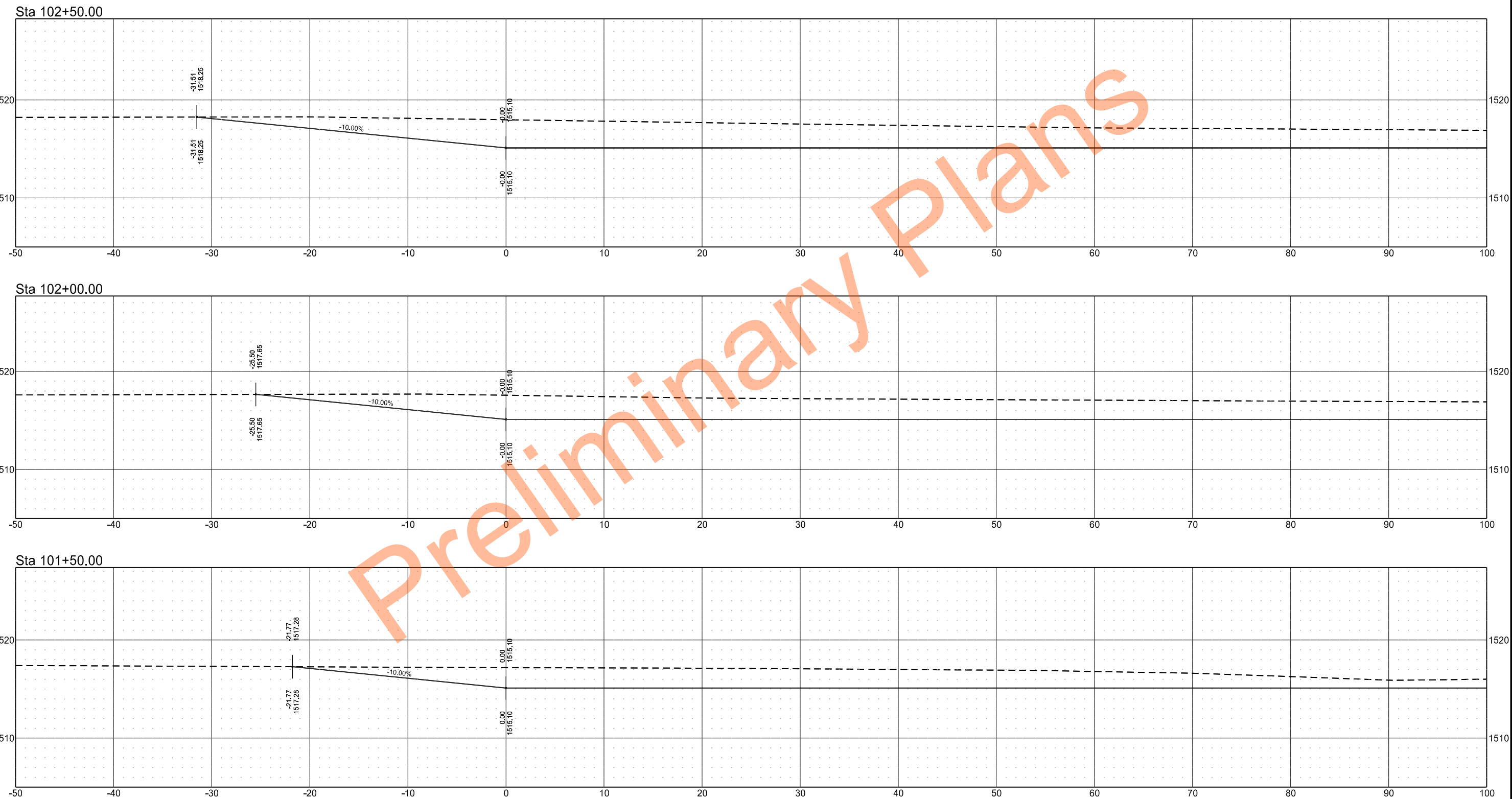


Sta 100+50.00



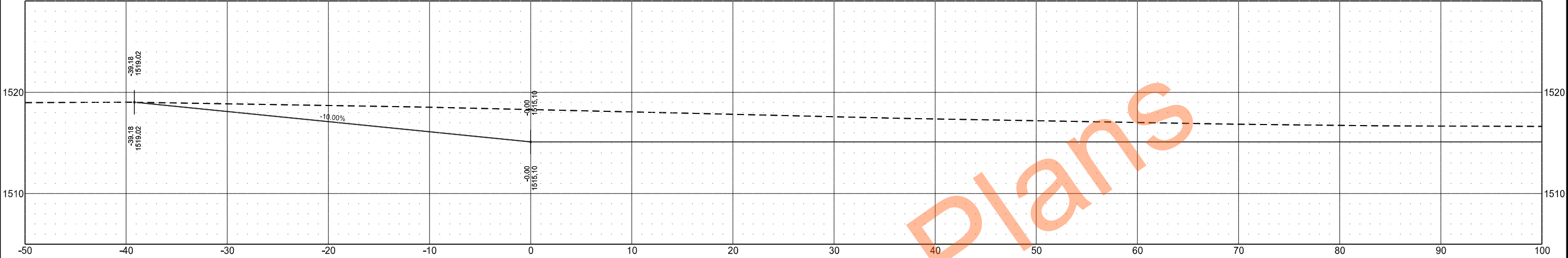
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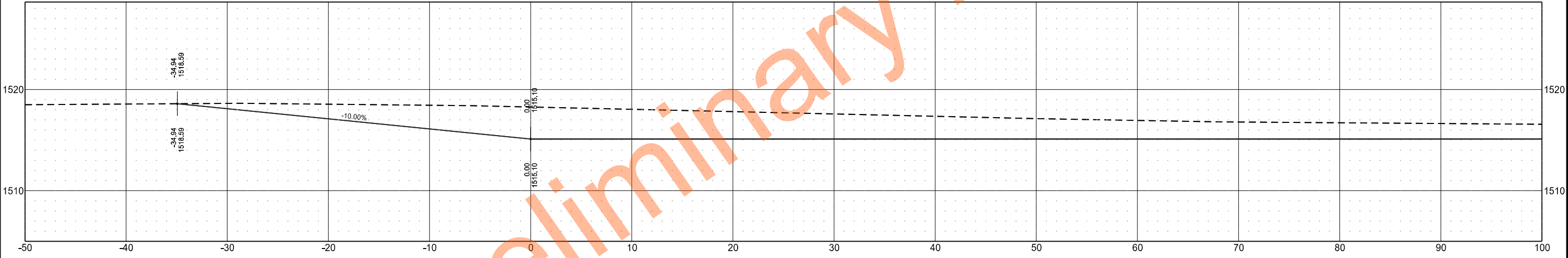


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	3

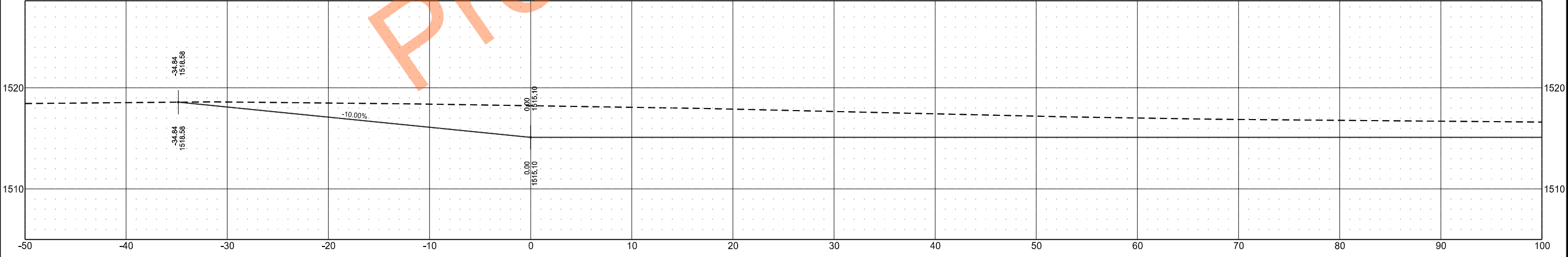
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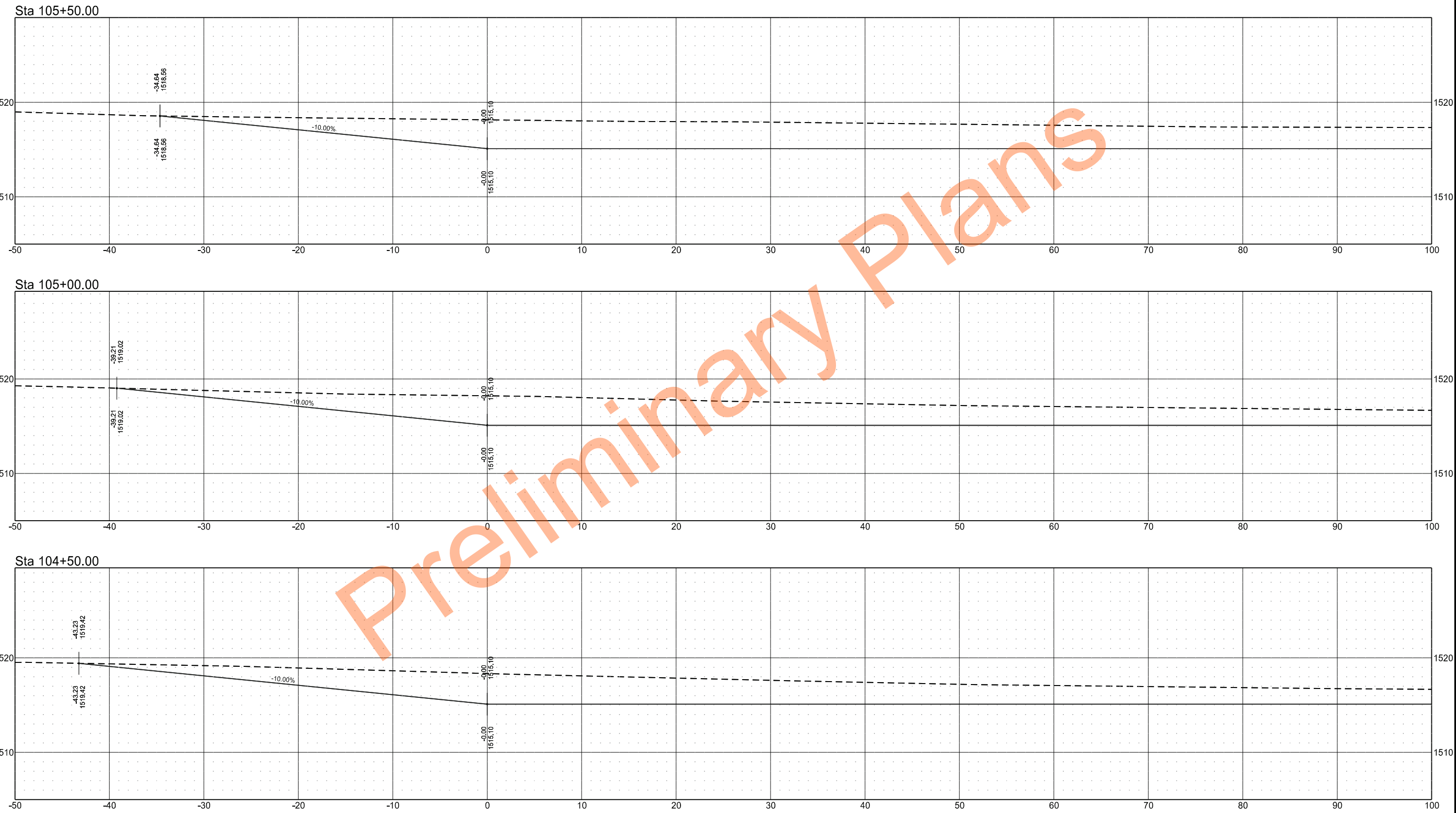


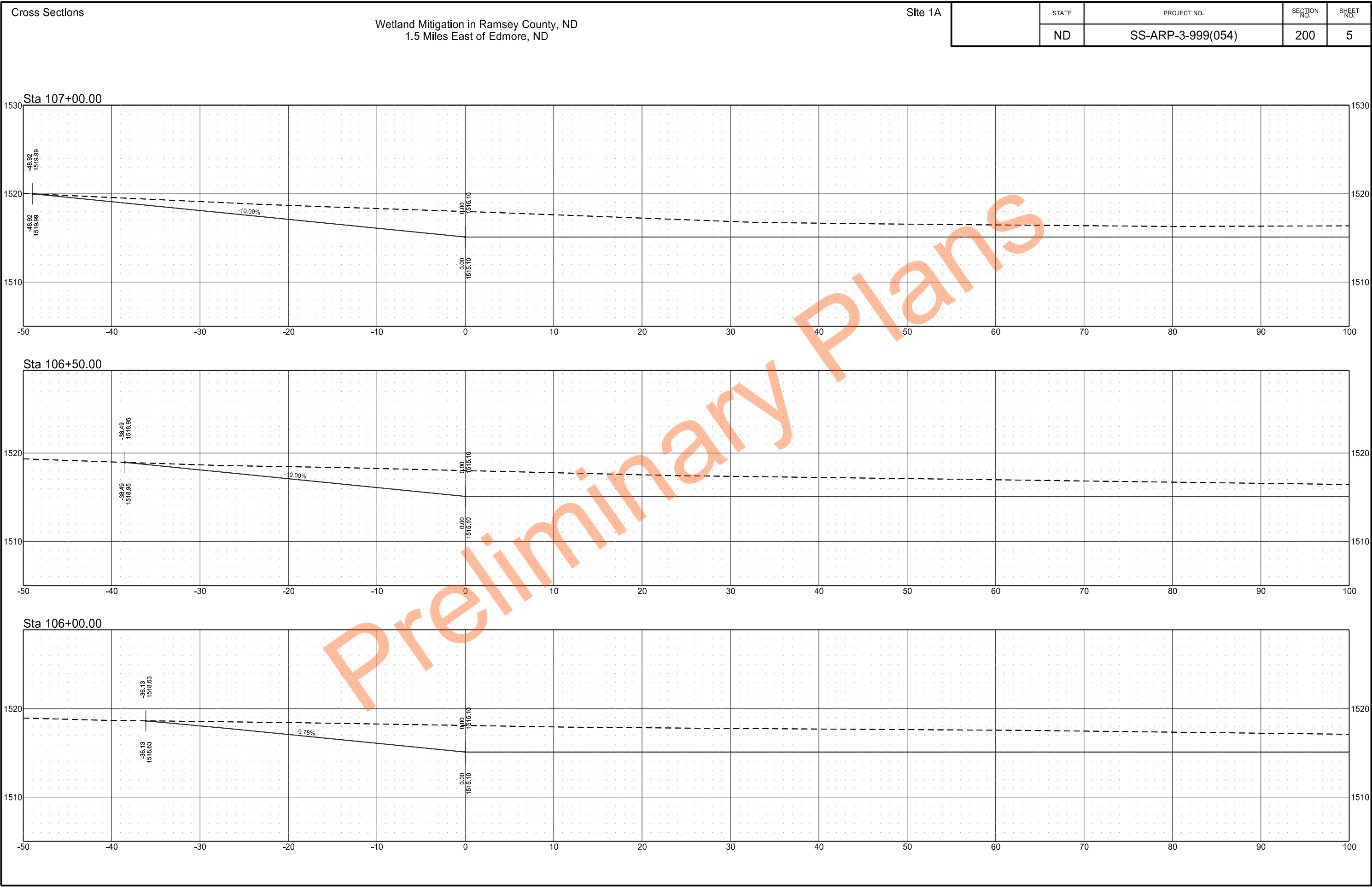
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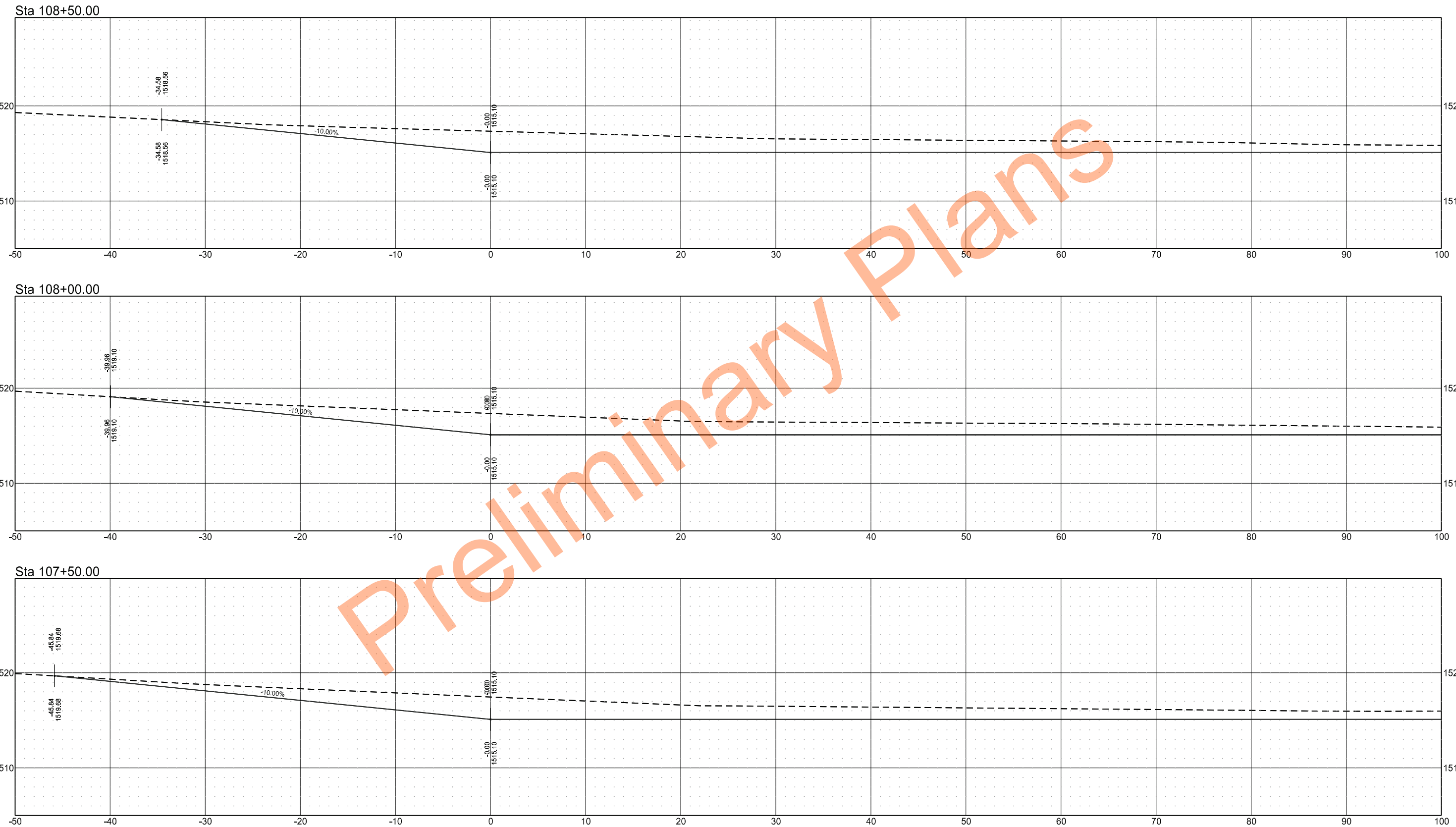


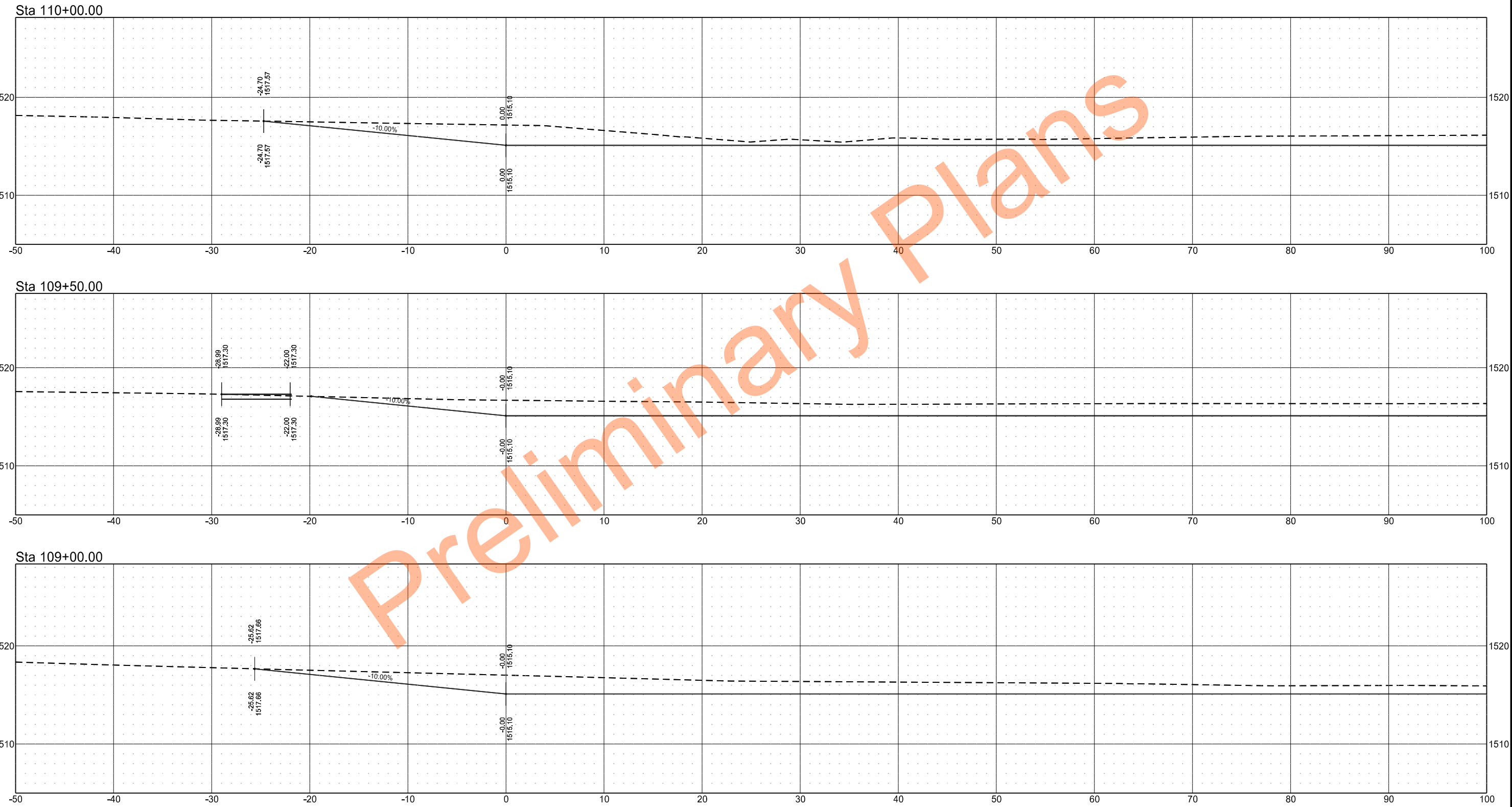
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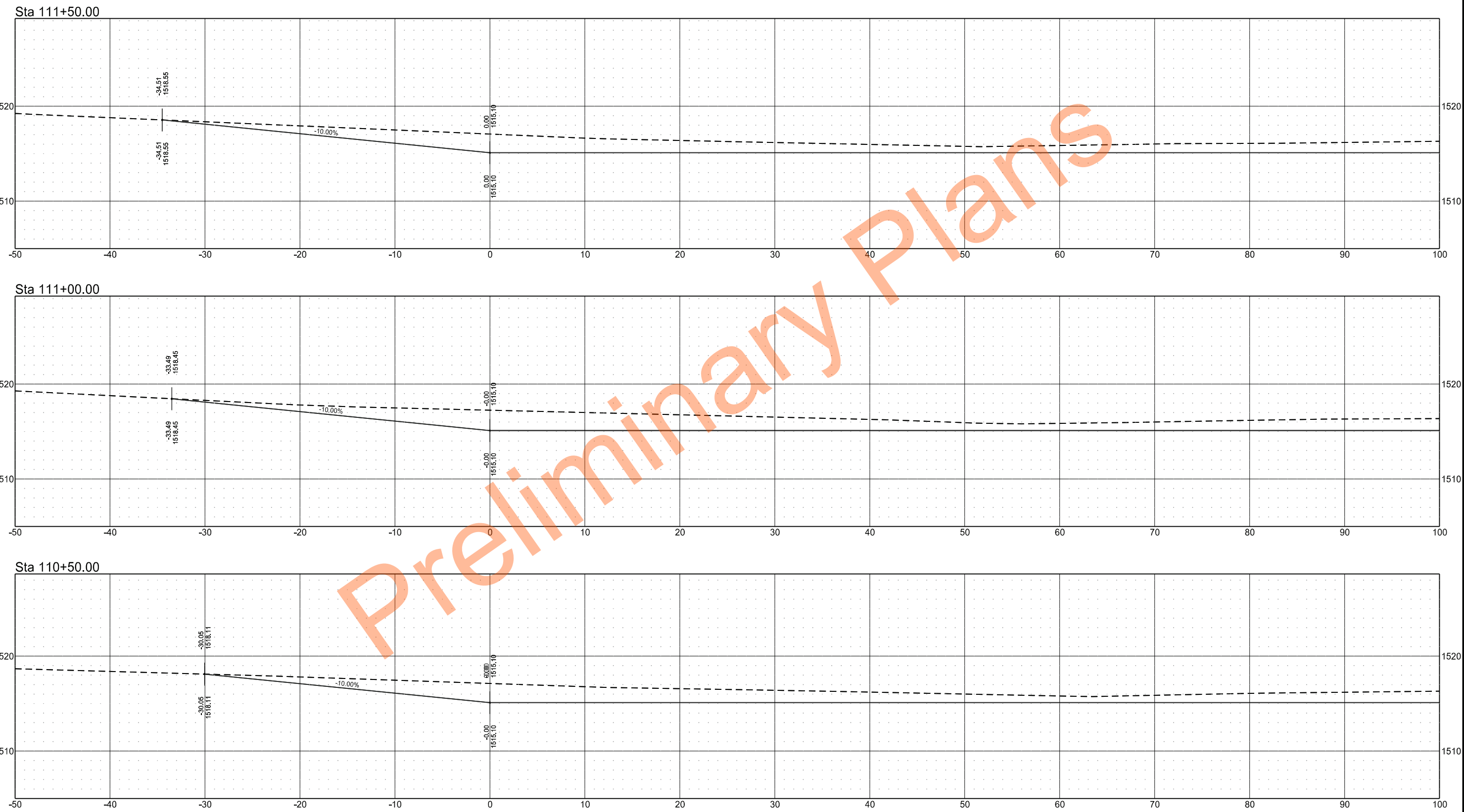


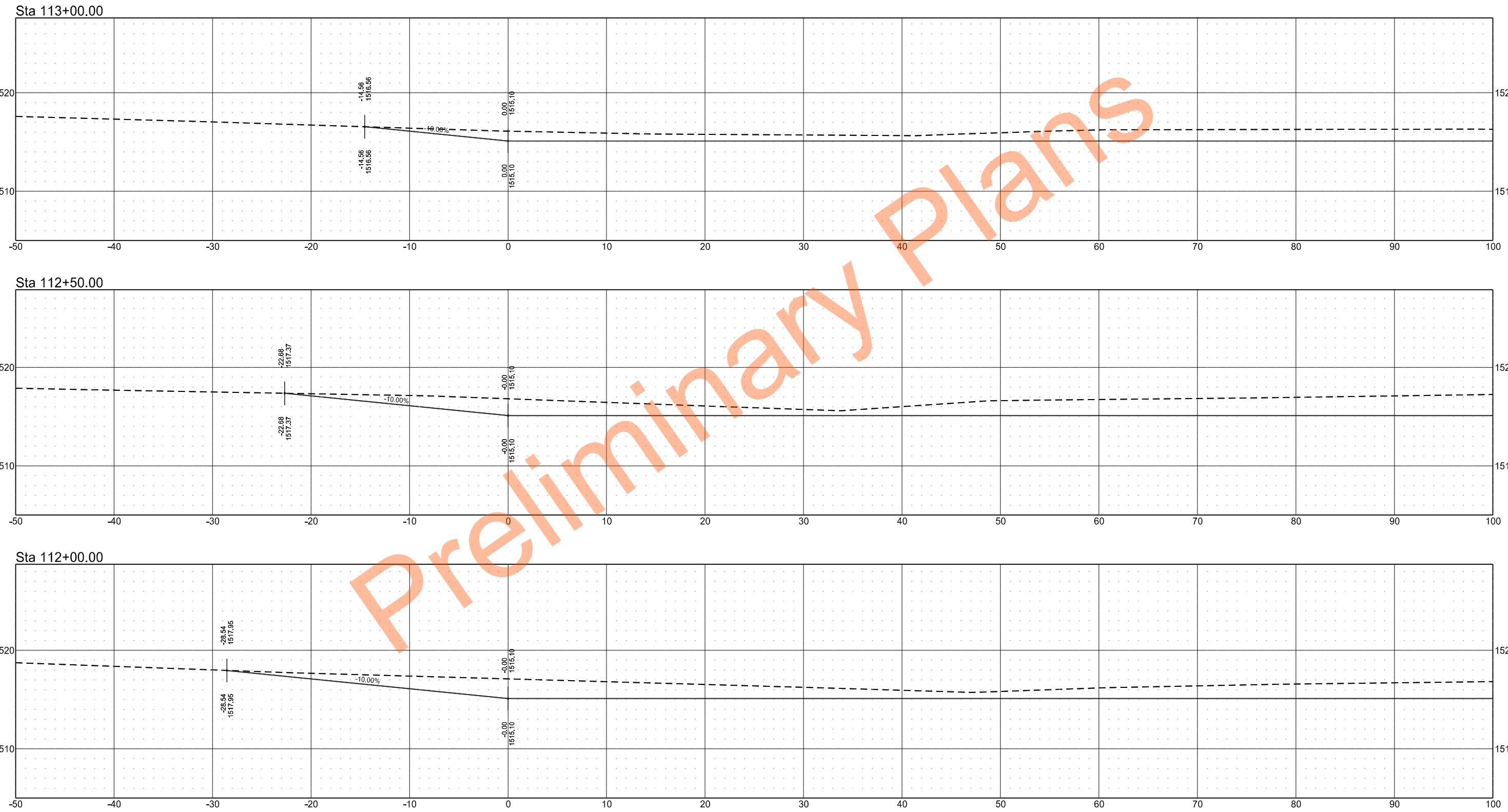


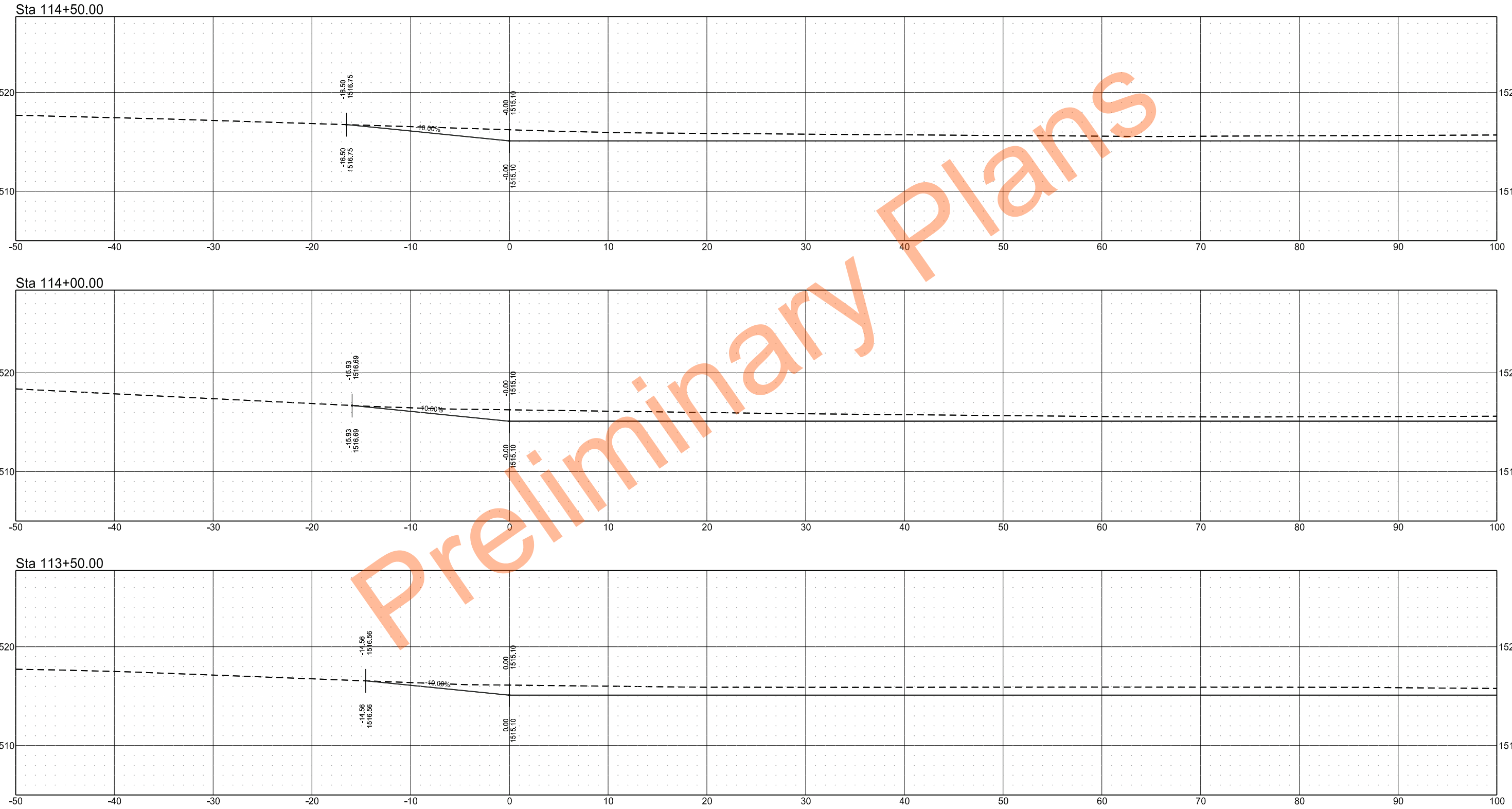


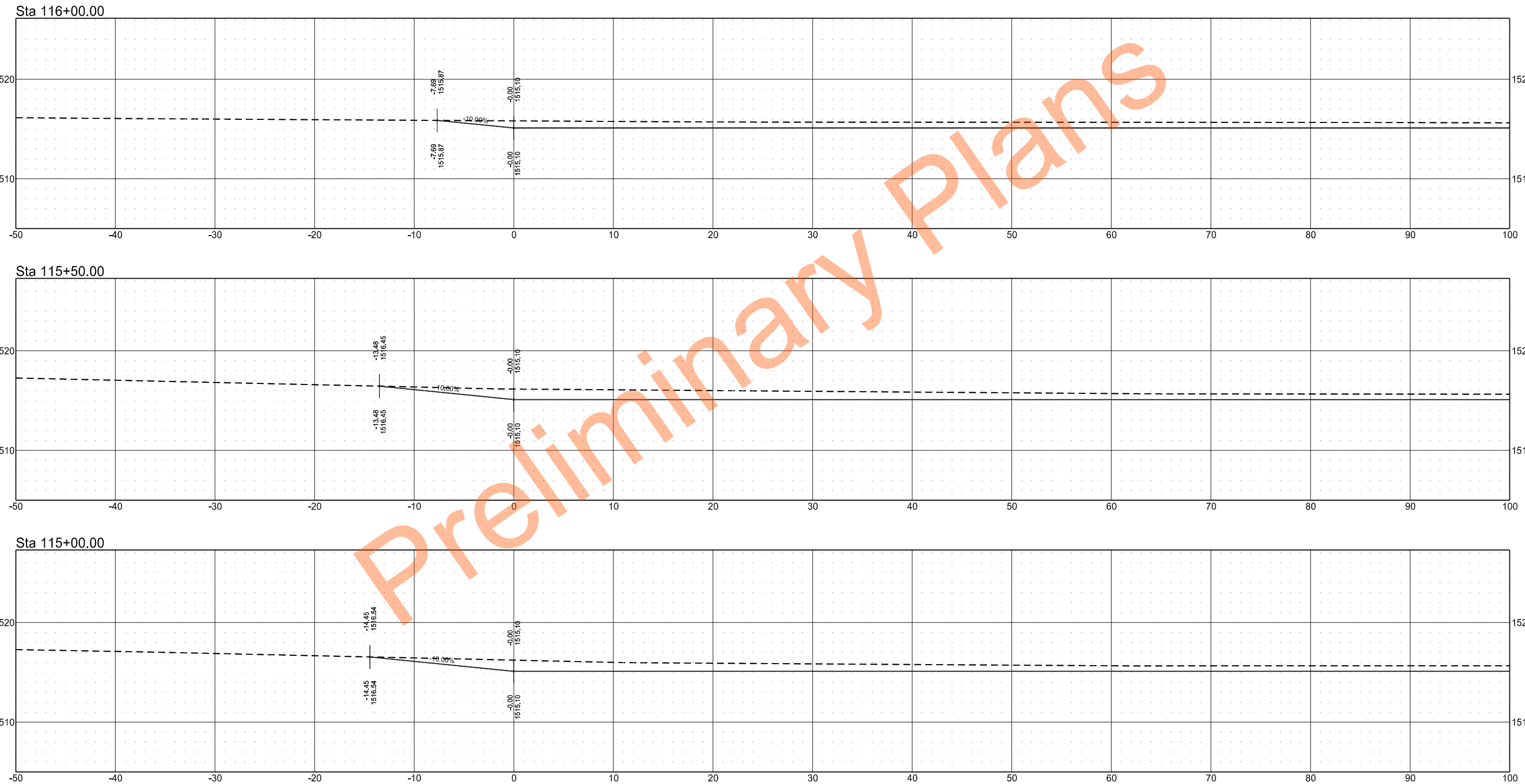


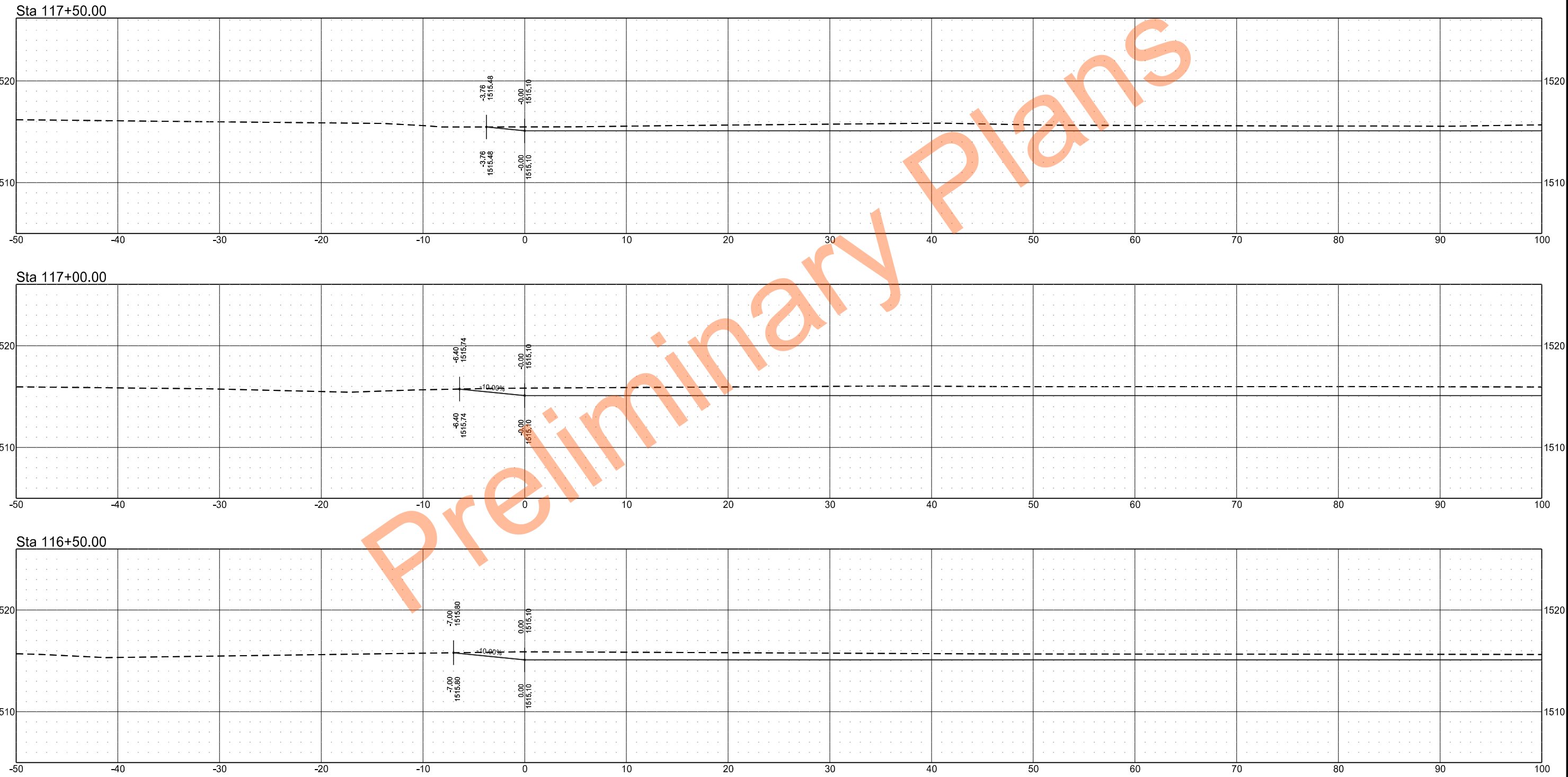






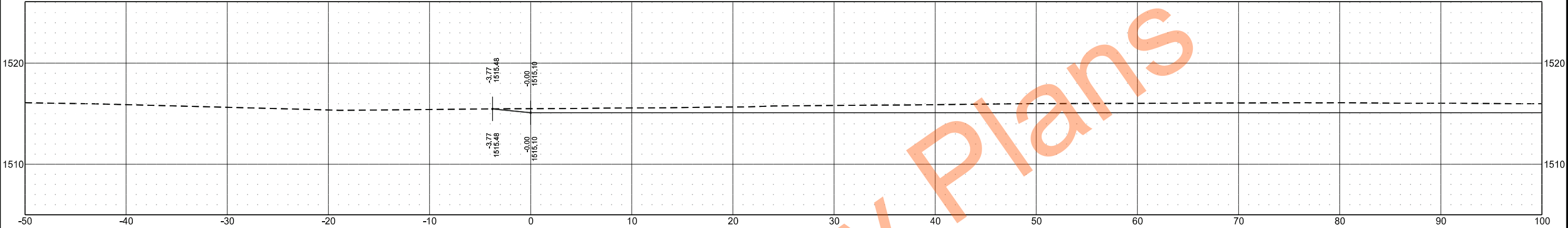




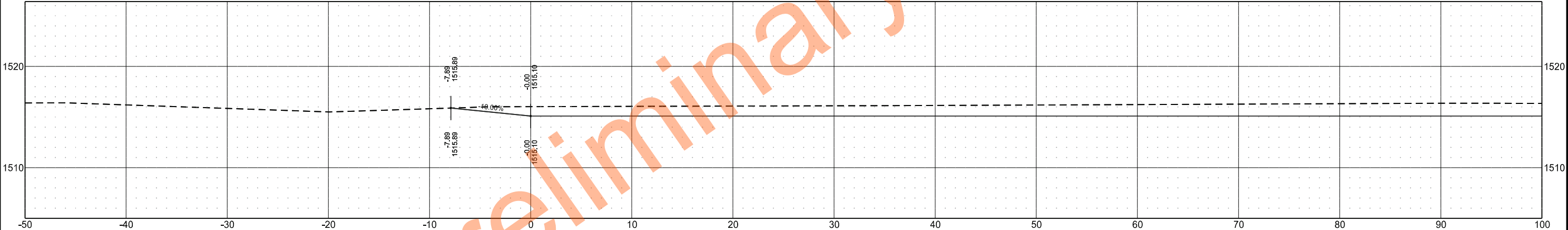


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	13

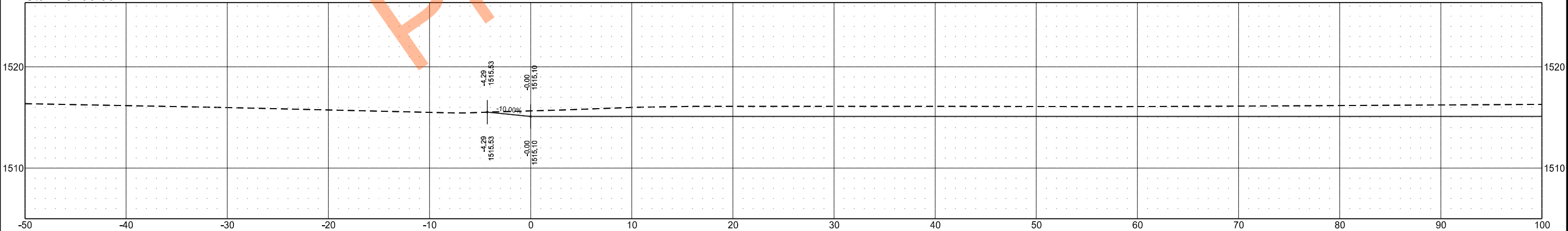
Sta 119+00.00



Sta 118+50.00

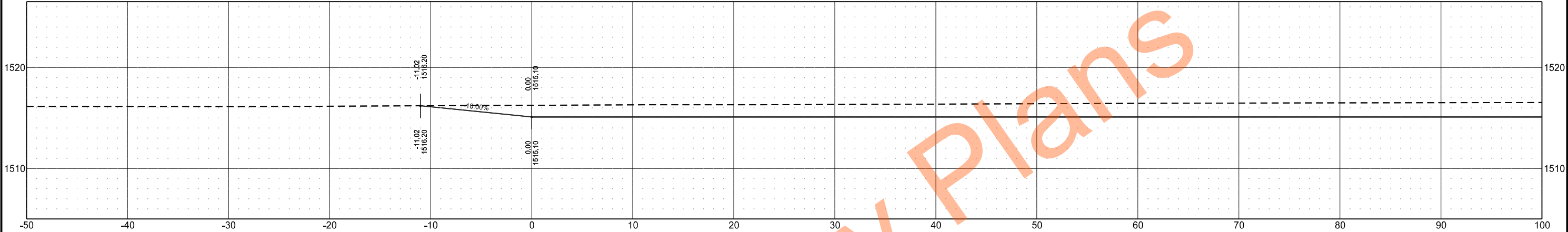


Sta 118+00.00

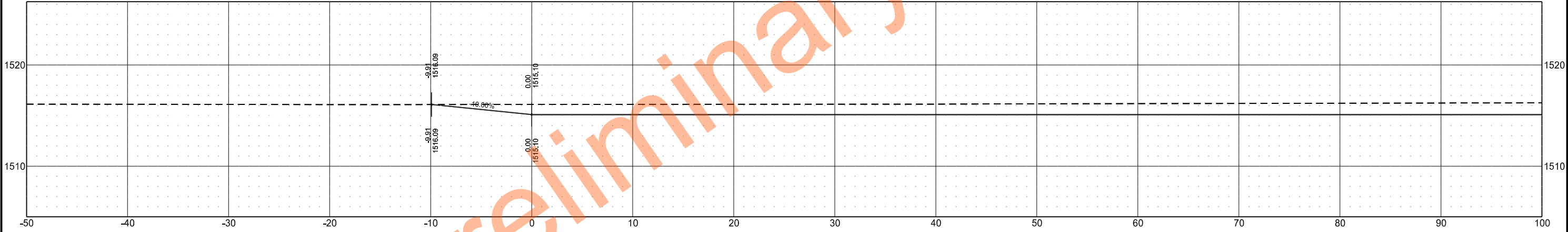


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	14

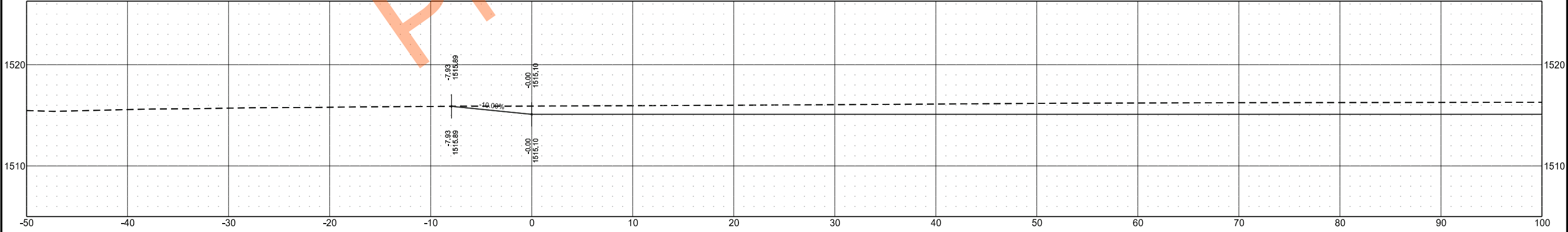
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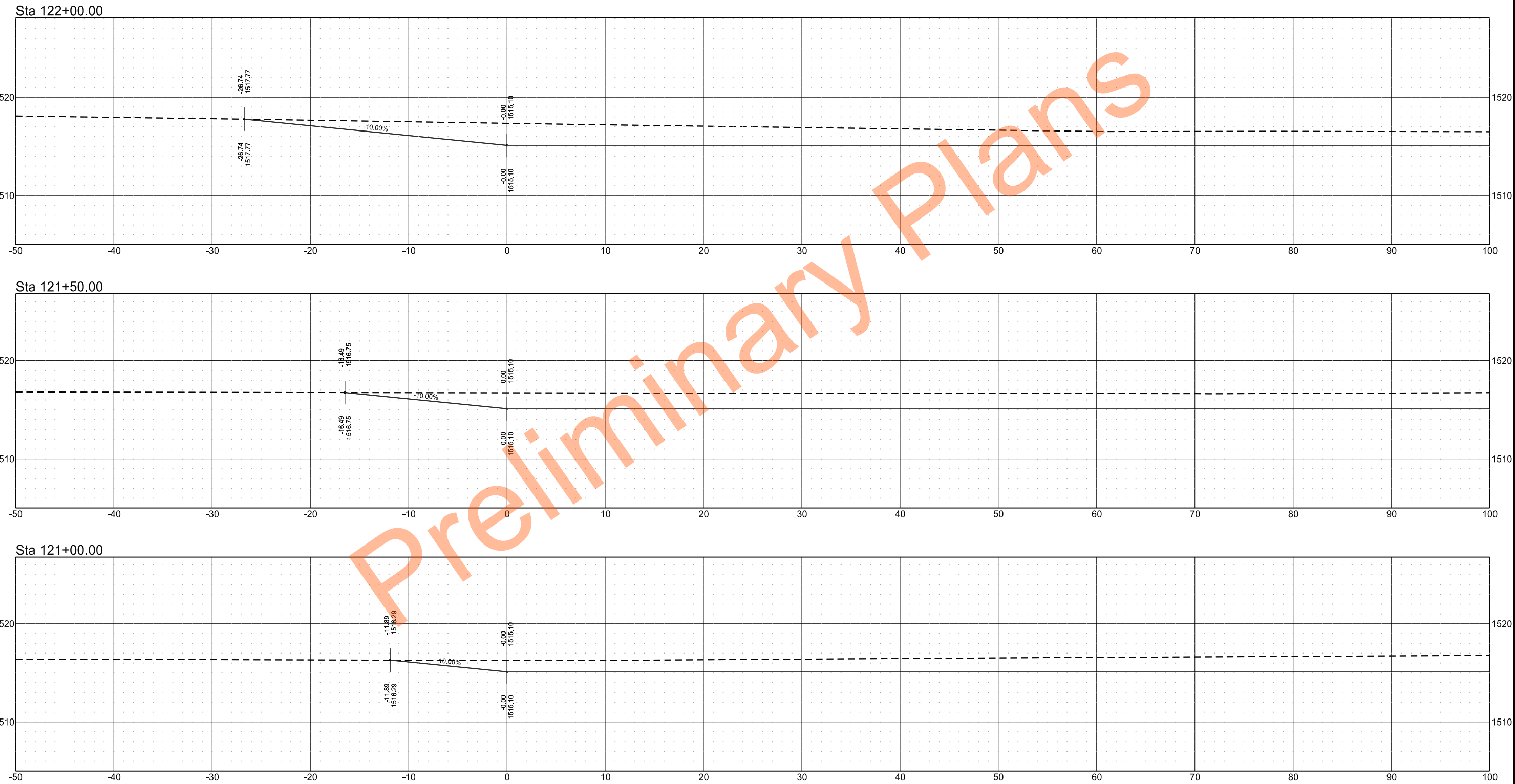


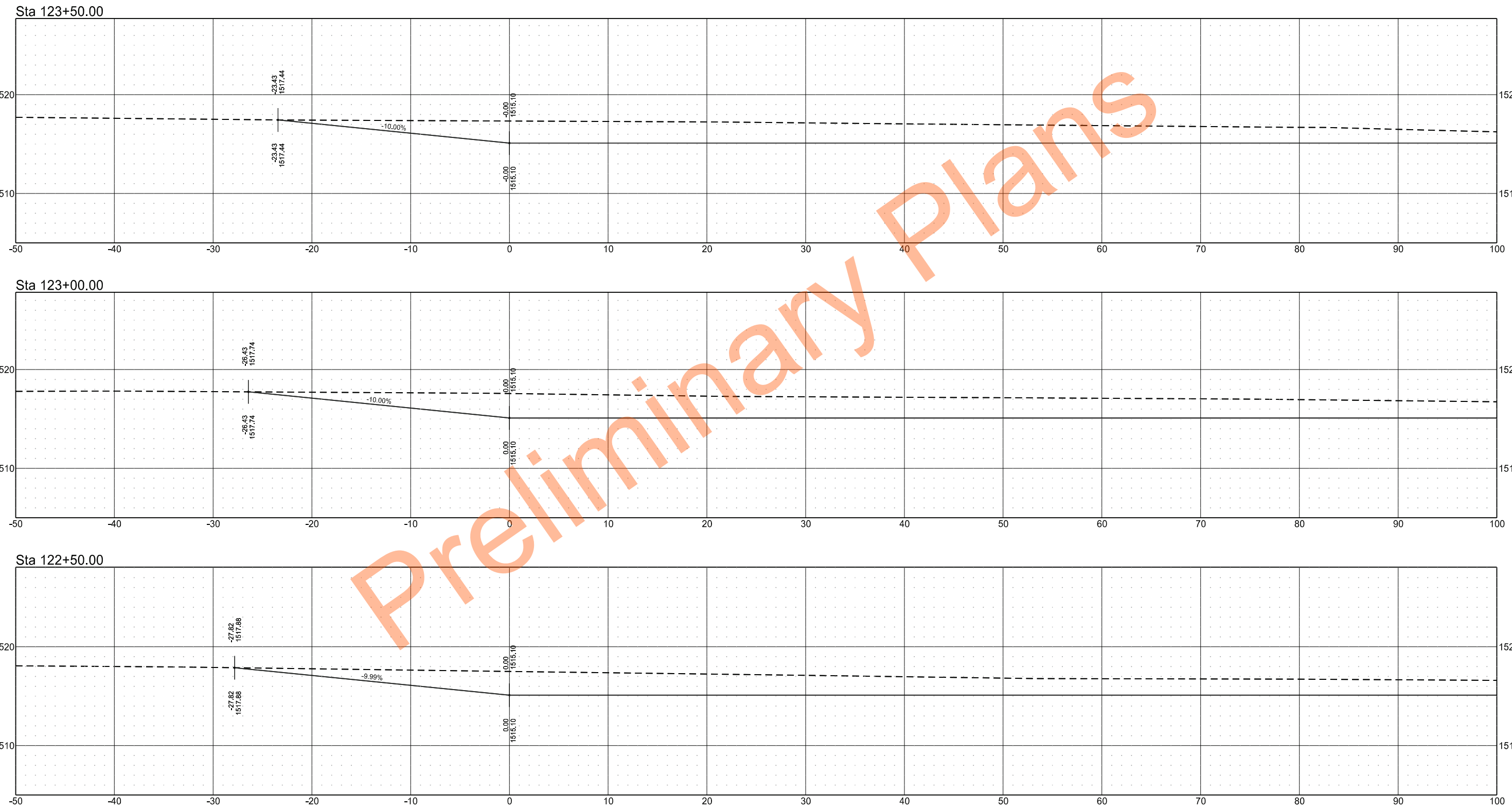
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Sta 119+50.00

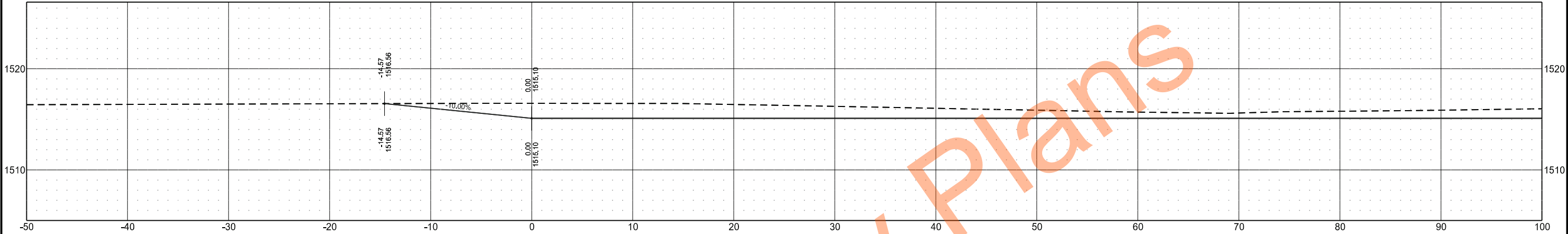




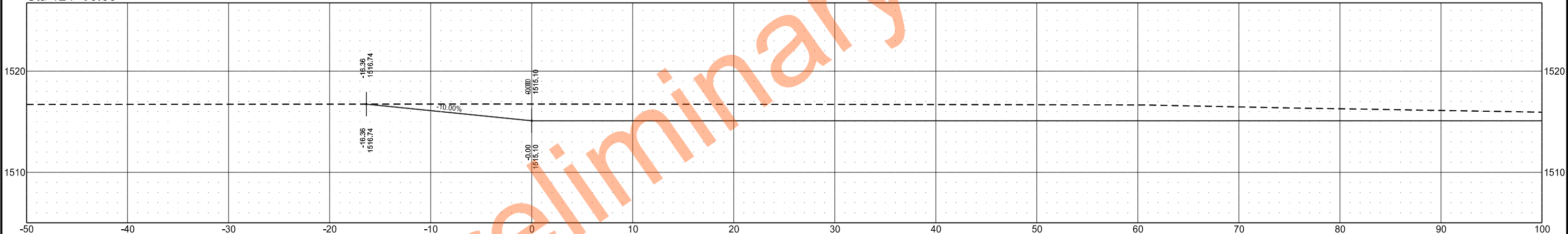


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	17

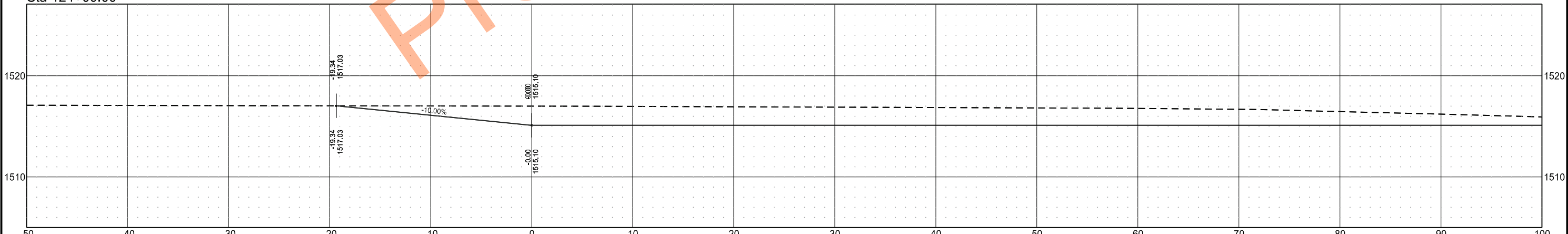
Sta 125+00.00



Sta 124+50.00

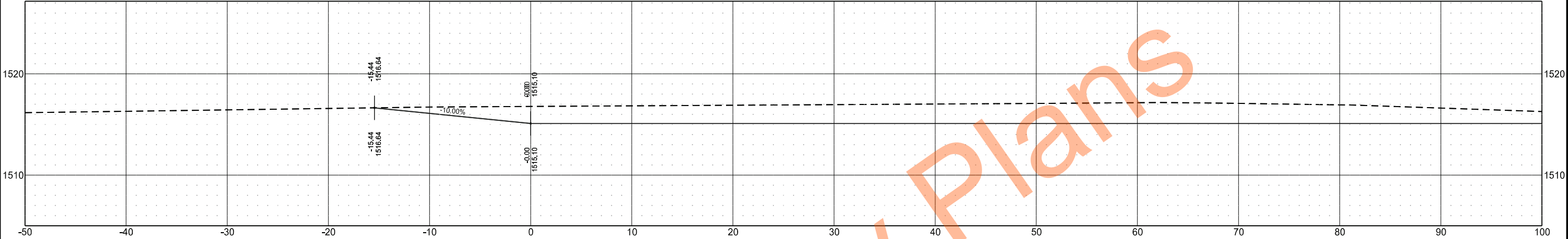


Sta 124+00.00

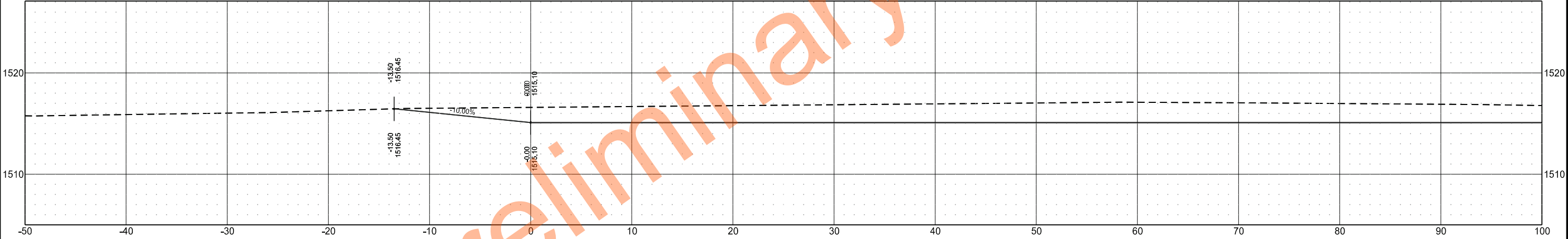


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	18

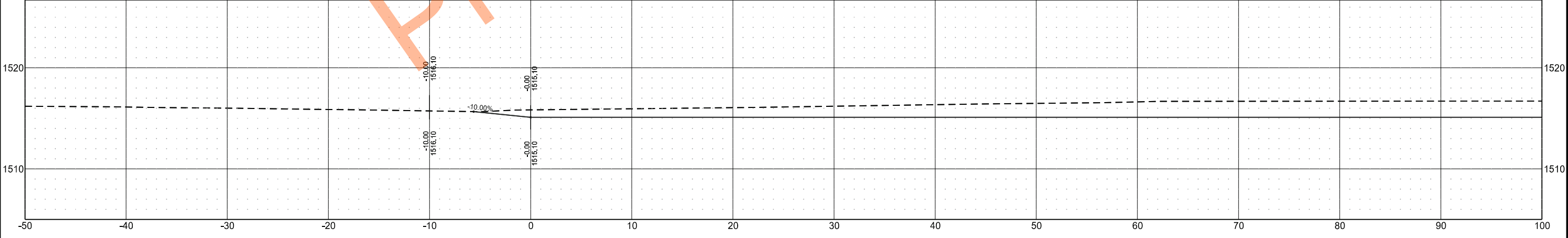
Sta 126+50.00



Sta 126+00.00

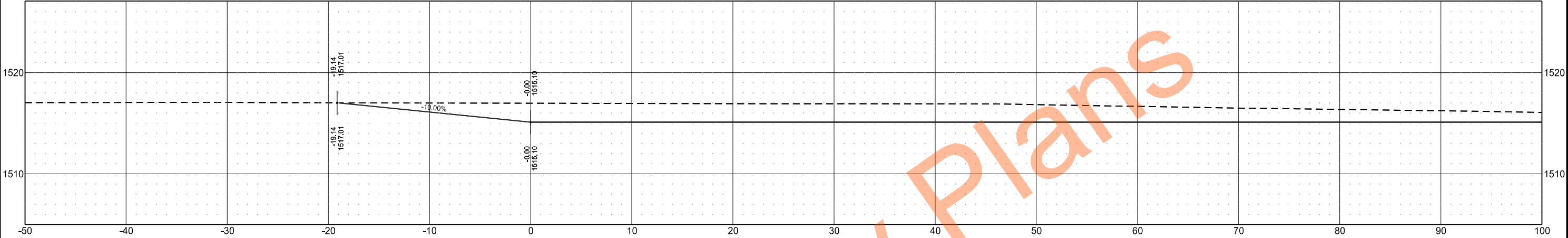


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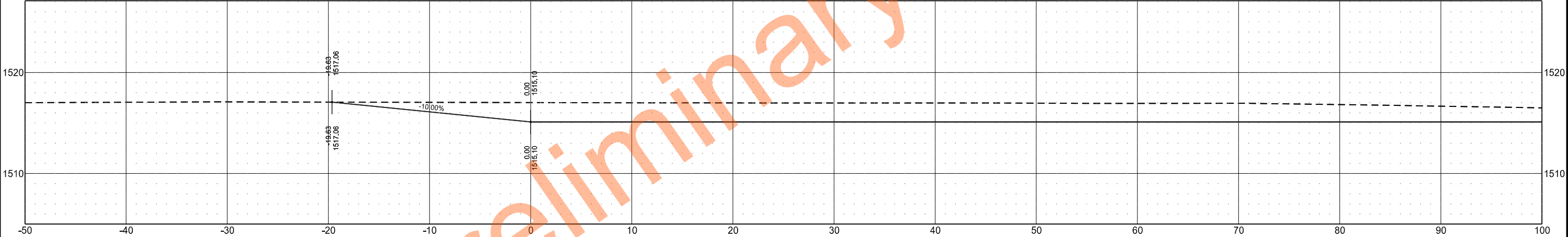


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	19

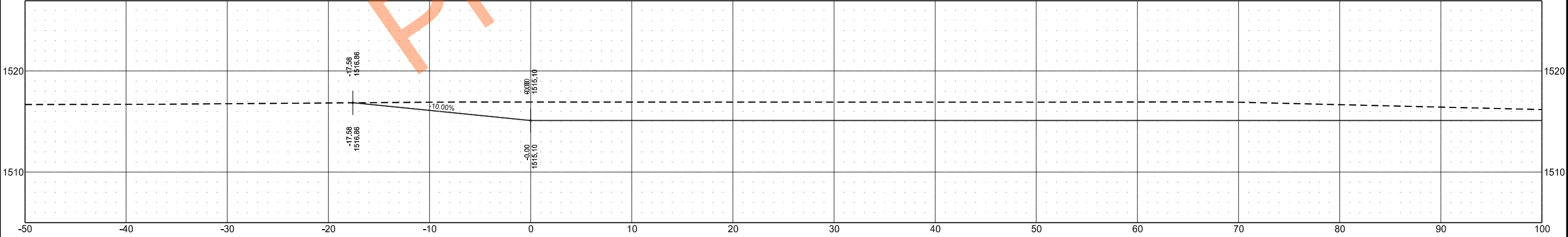
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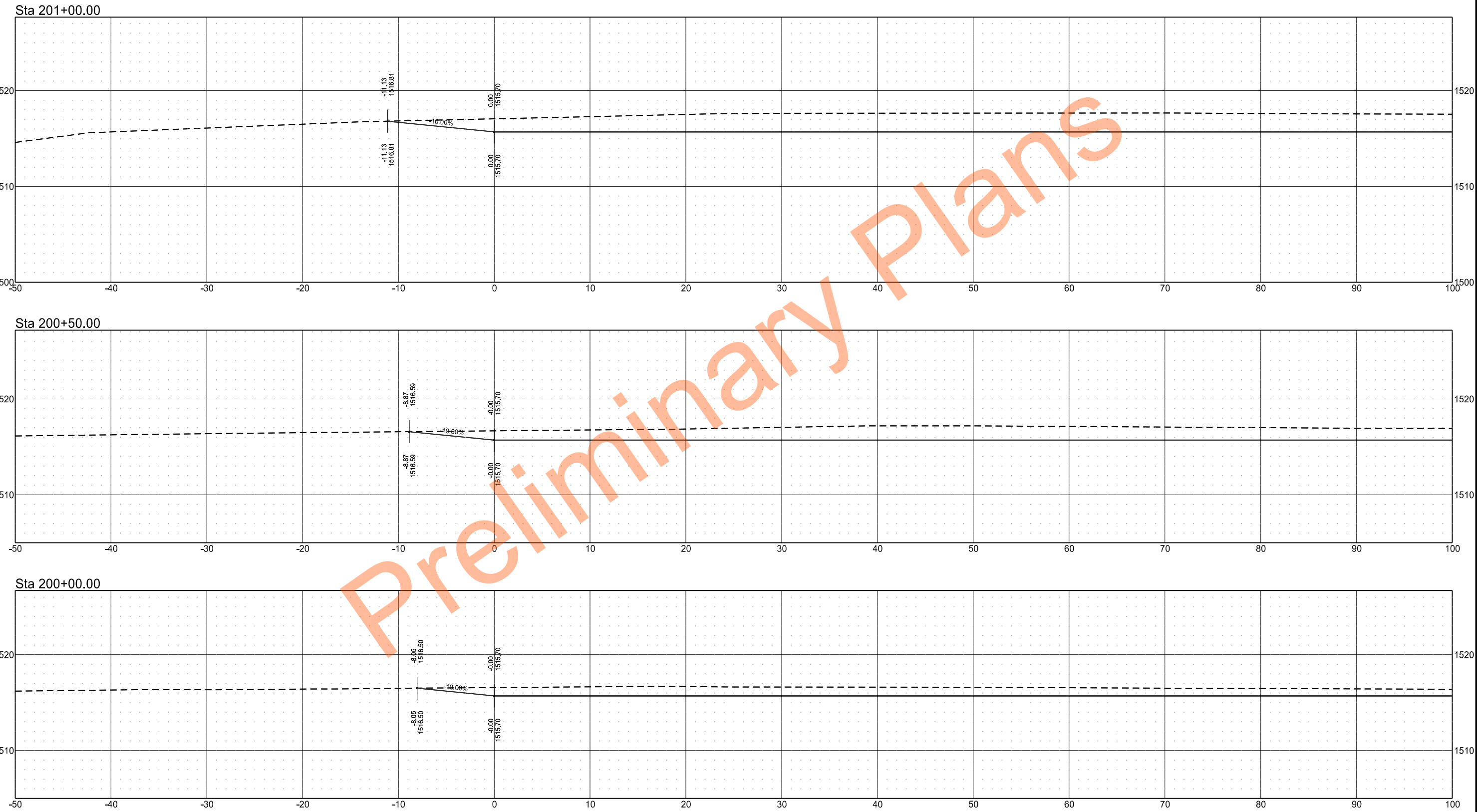


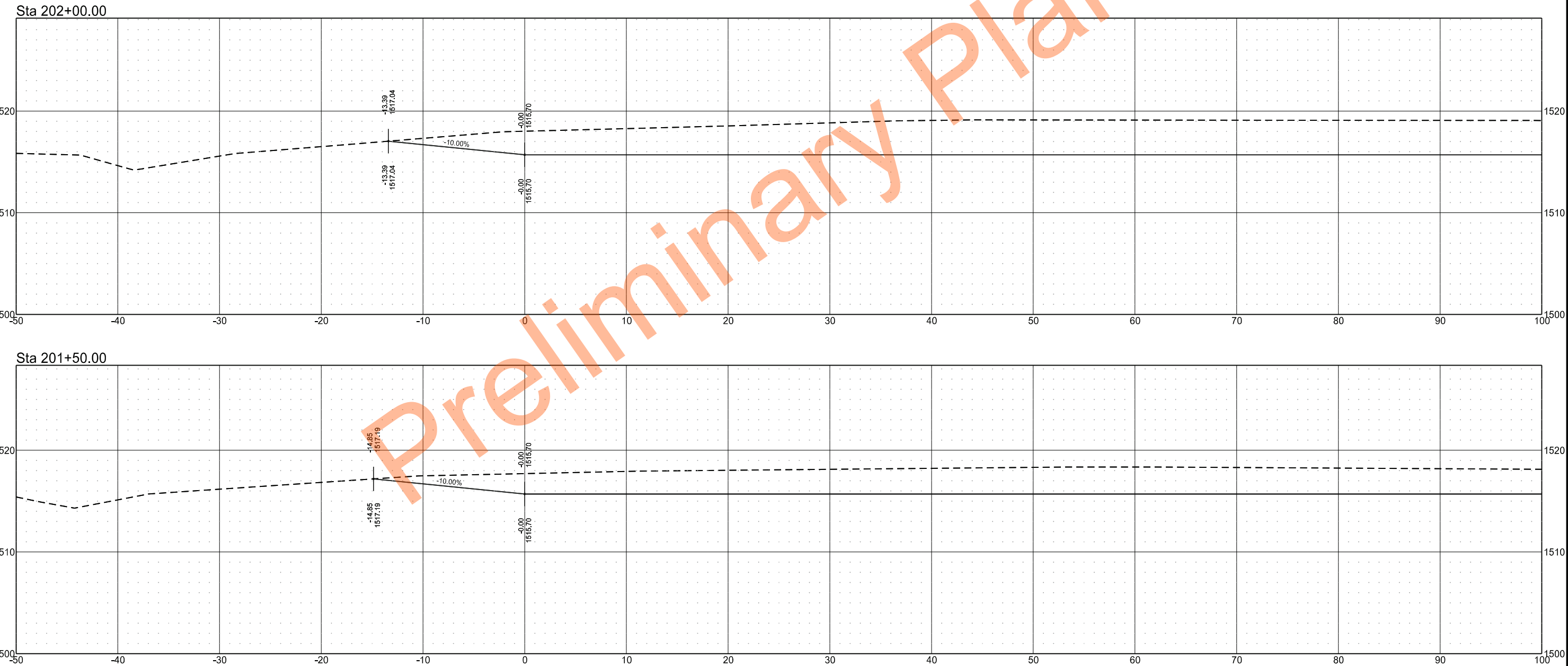
Sta 127+50.00



Sta 127+00.00

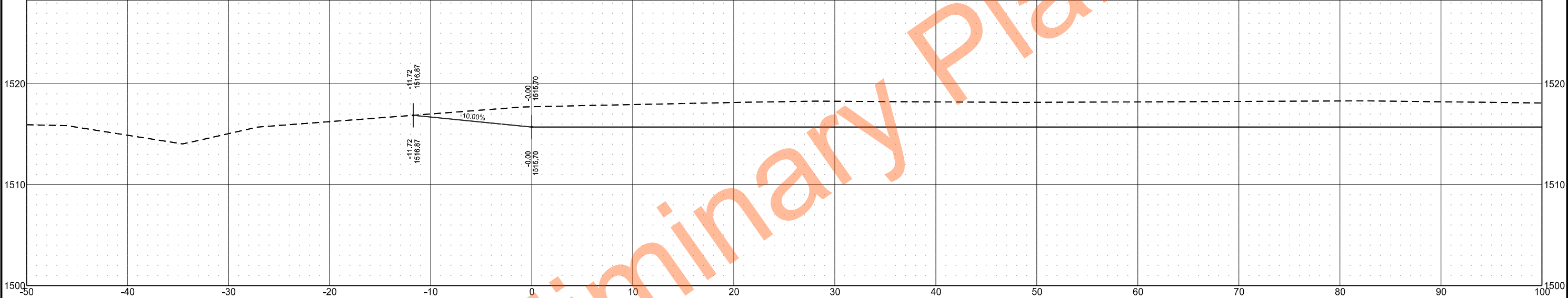




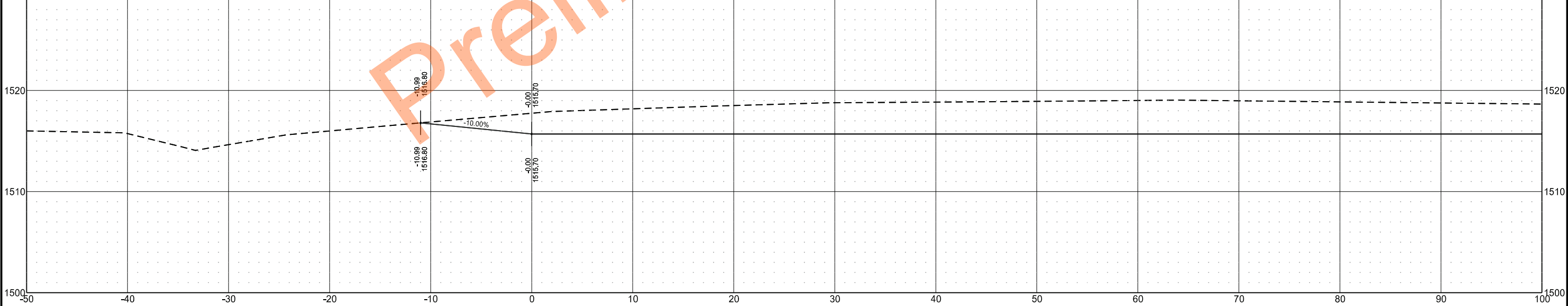


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	22

Sta 203+00.00

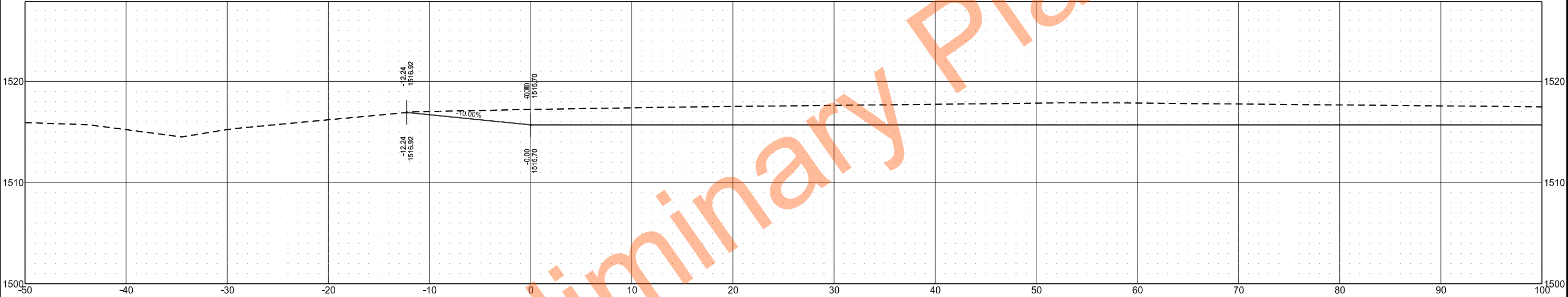


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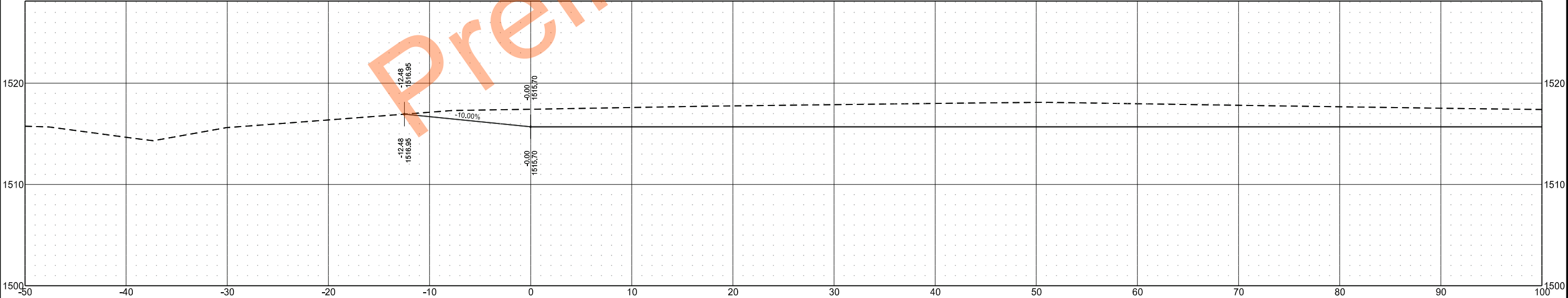


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	23

Sta 204+00.00

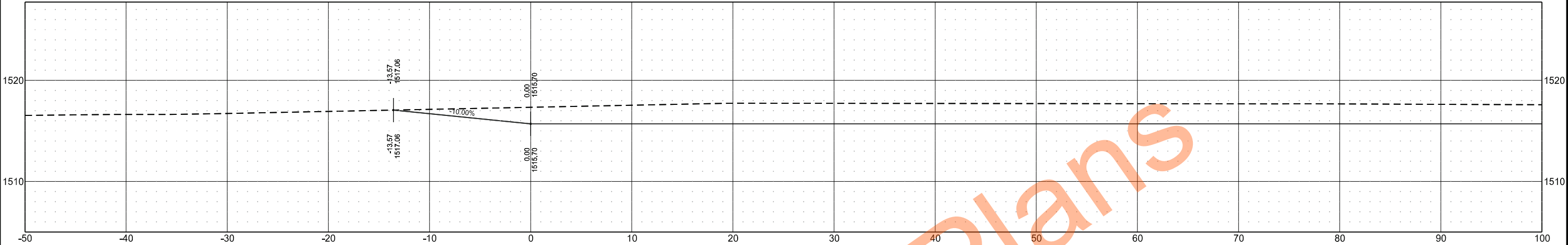


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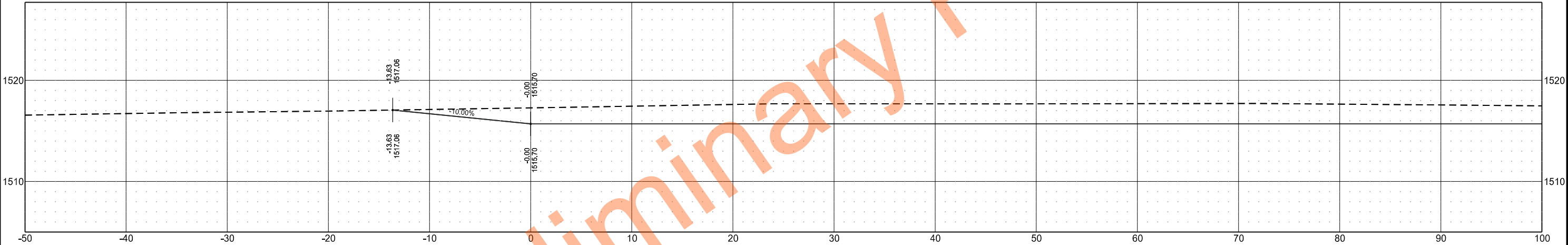


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	24

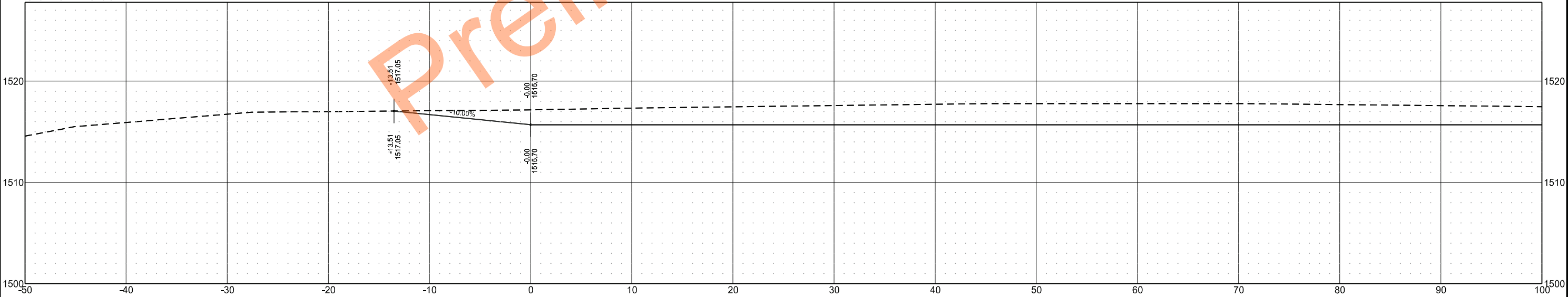
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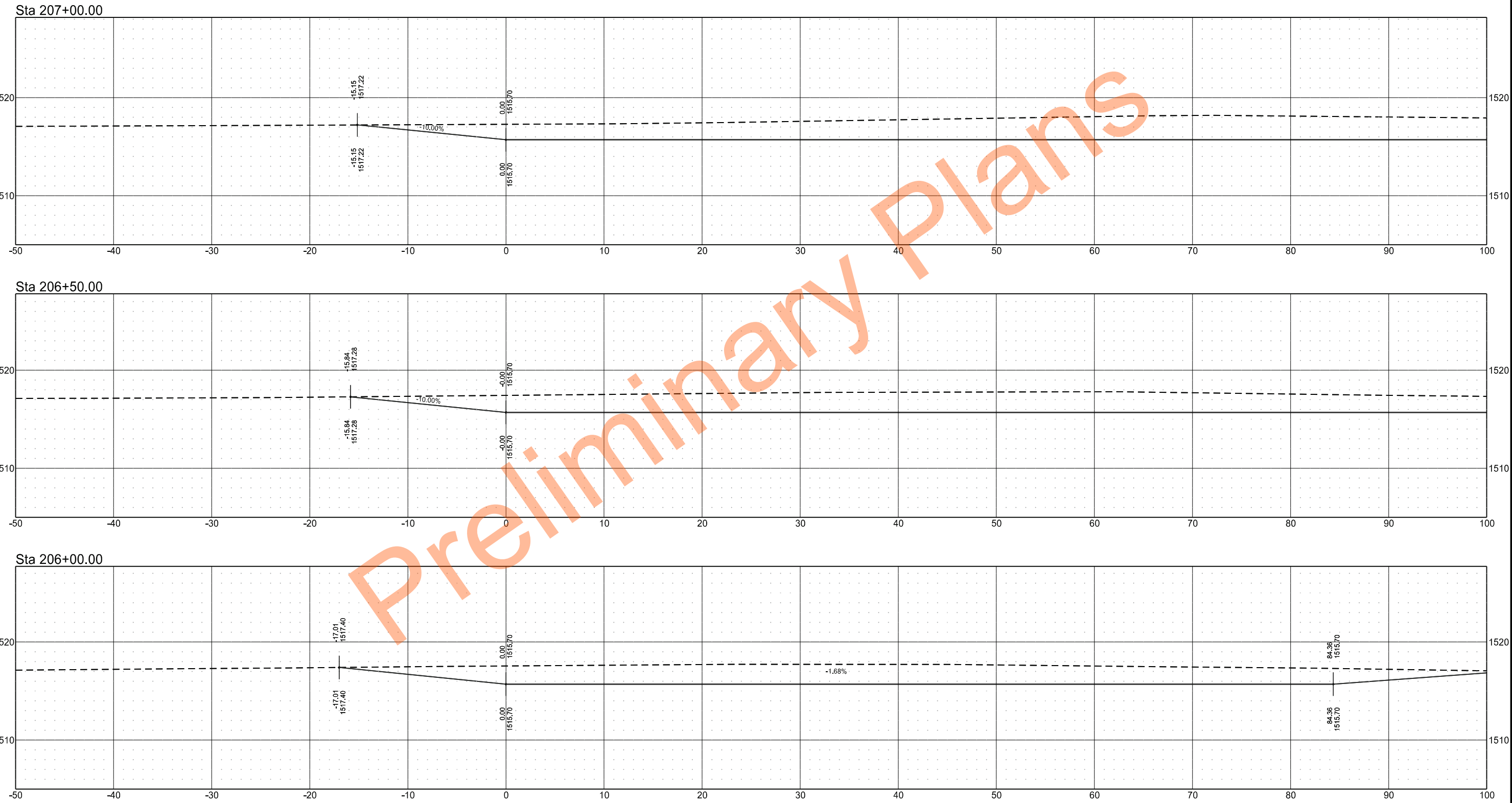


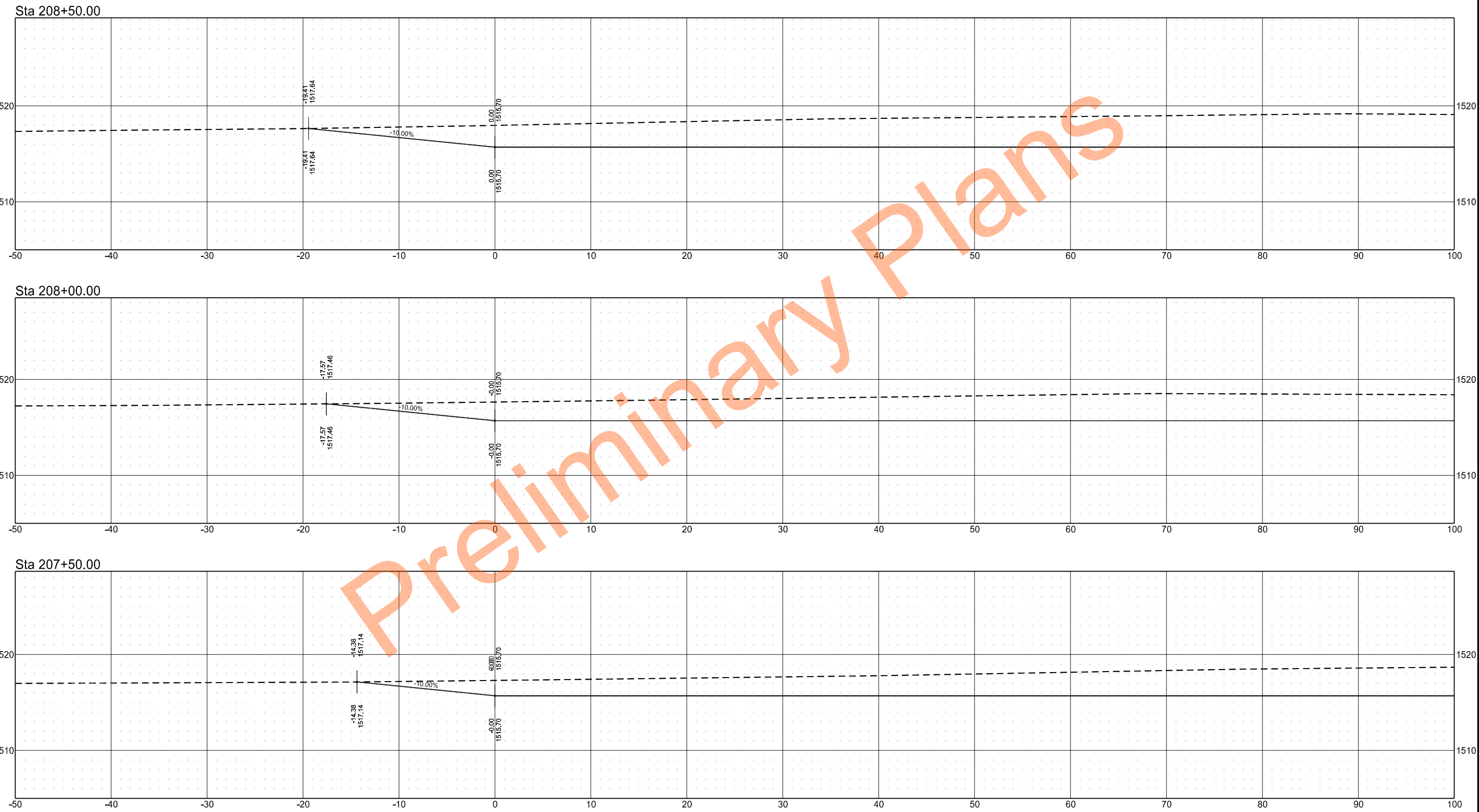
Sta 205+00.00

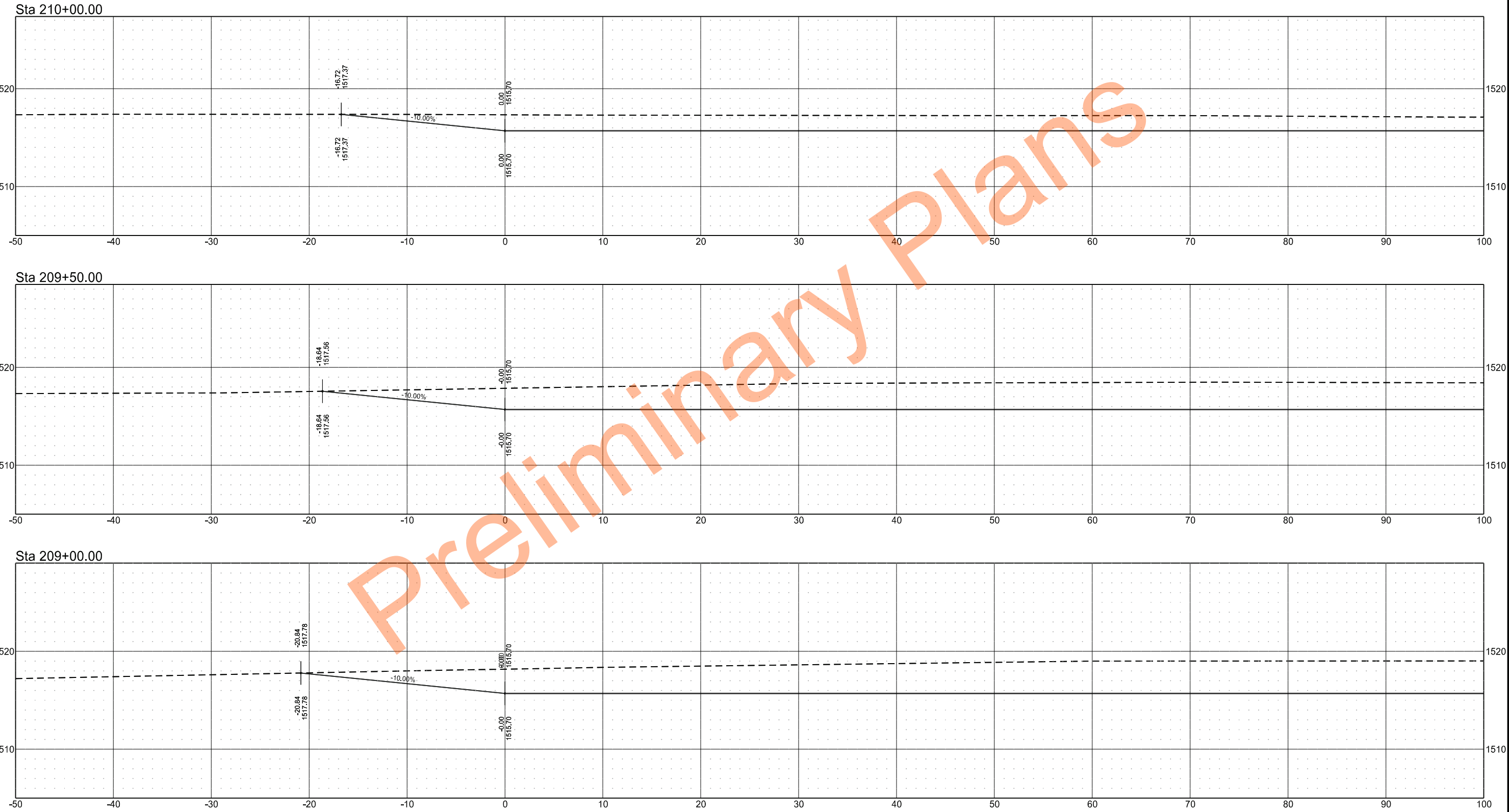


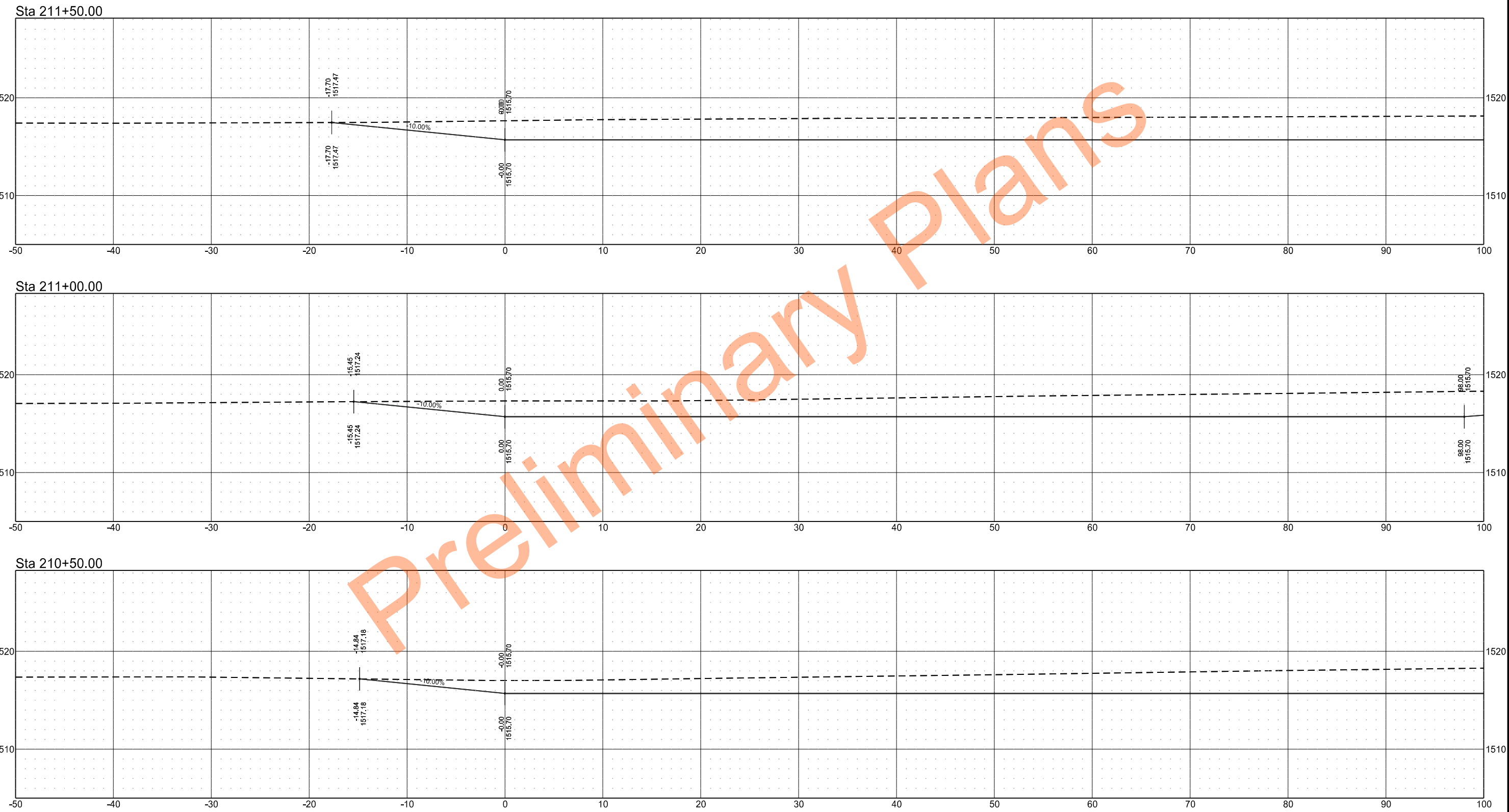
Sta 204+50.00





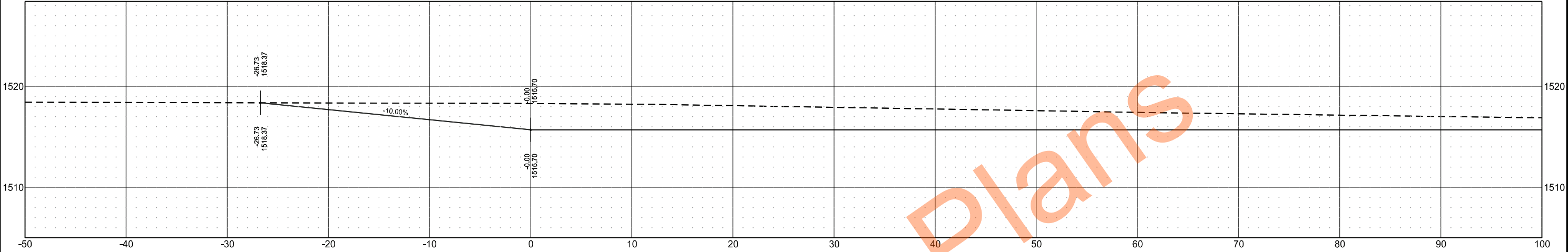




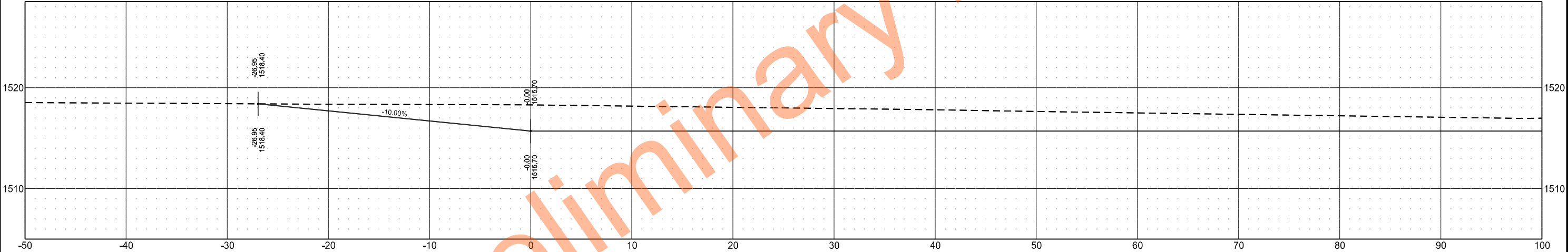


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	29

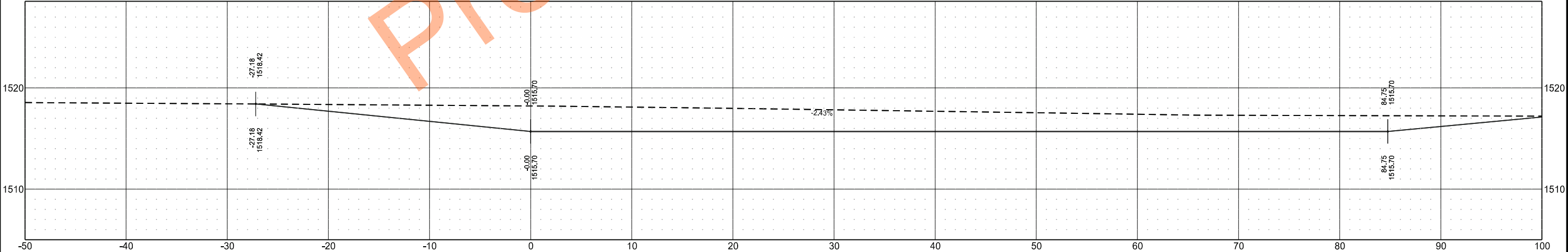
Sta 213+00.00

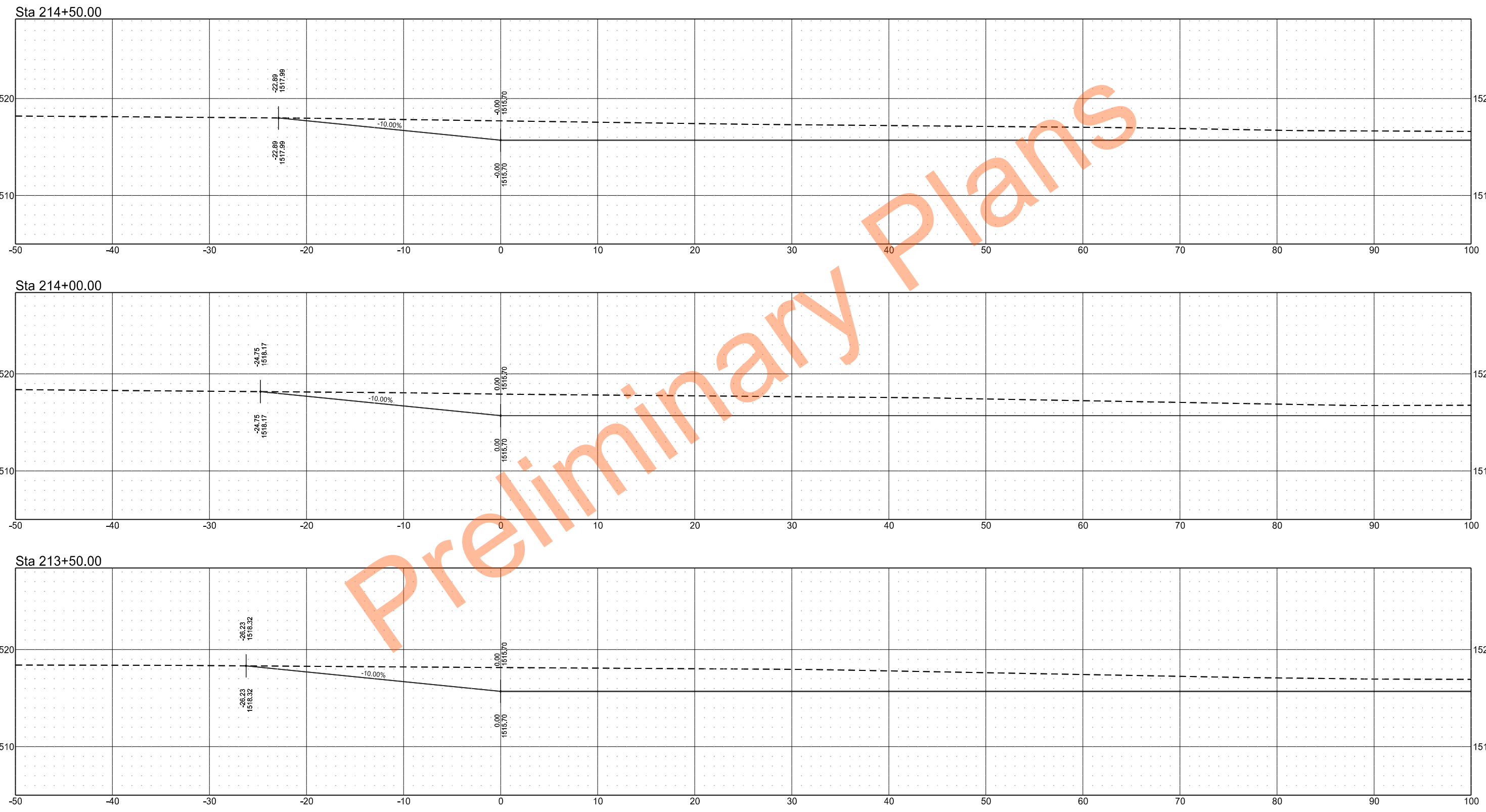


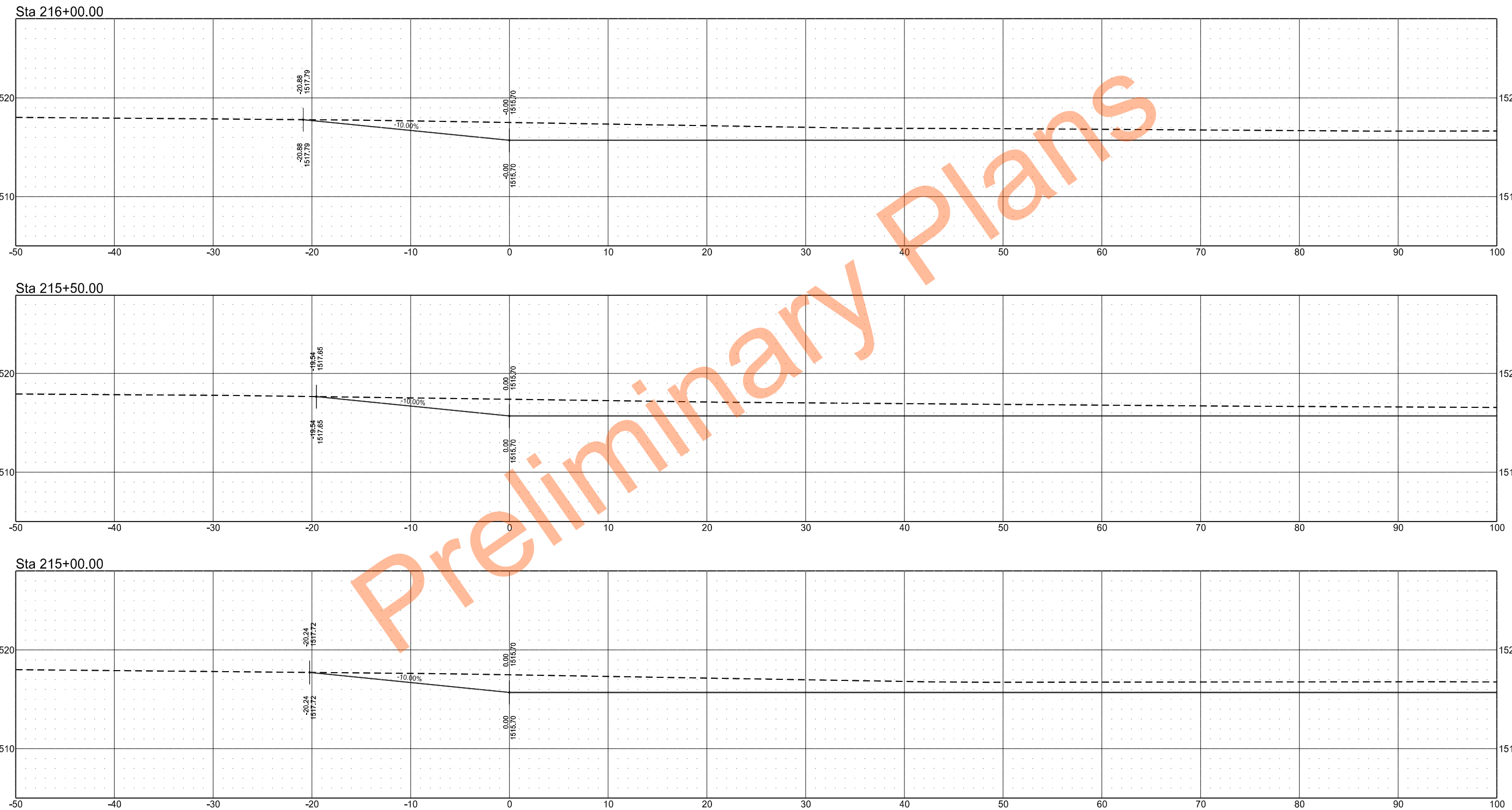
Sta 212+50.00

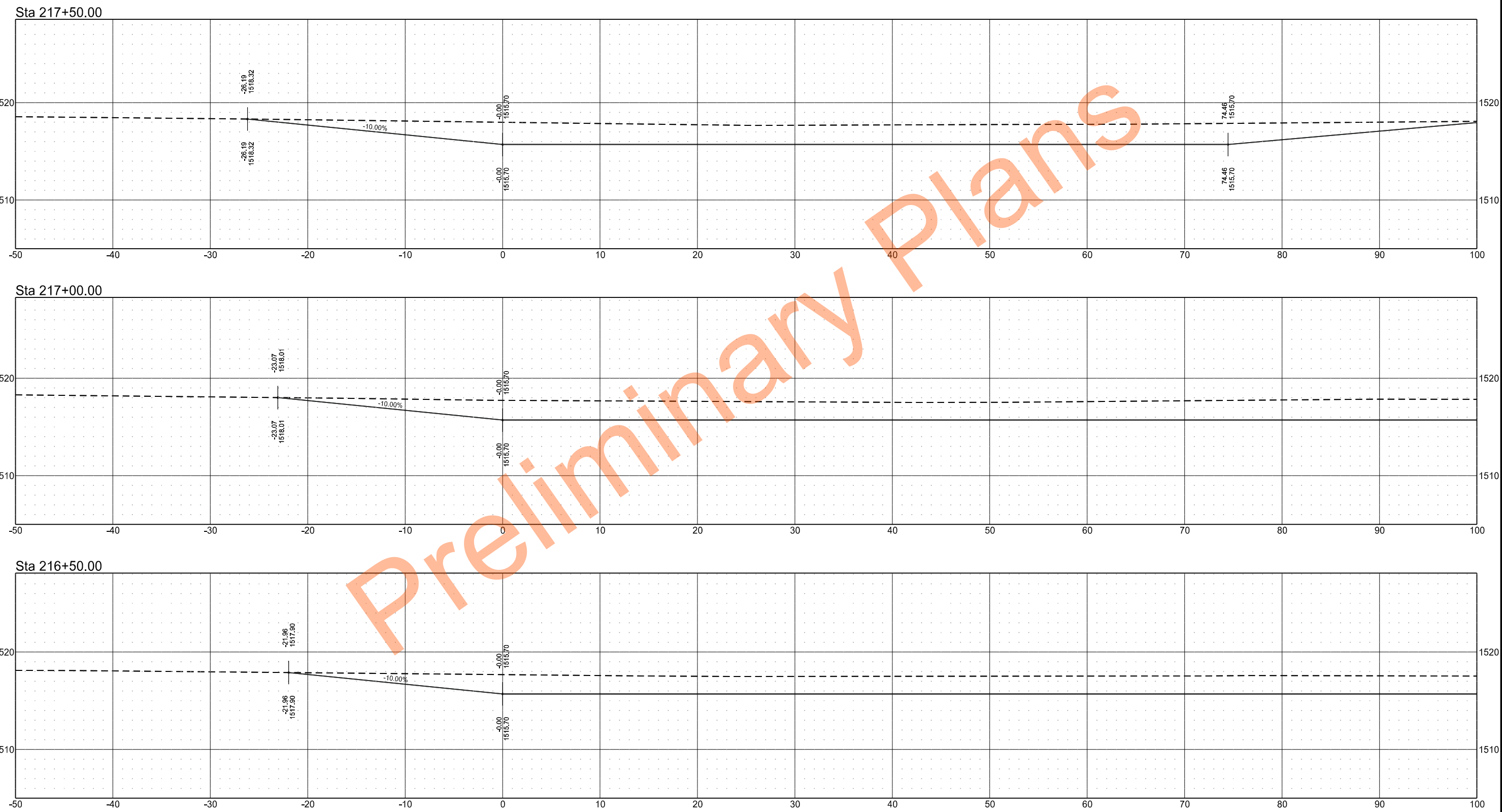


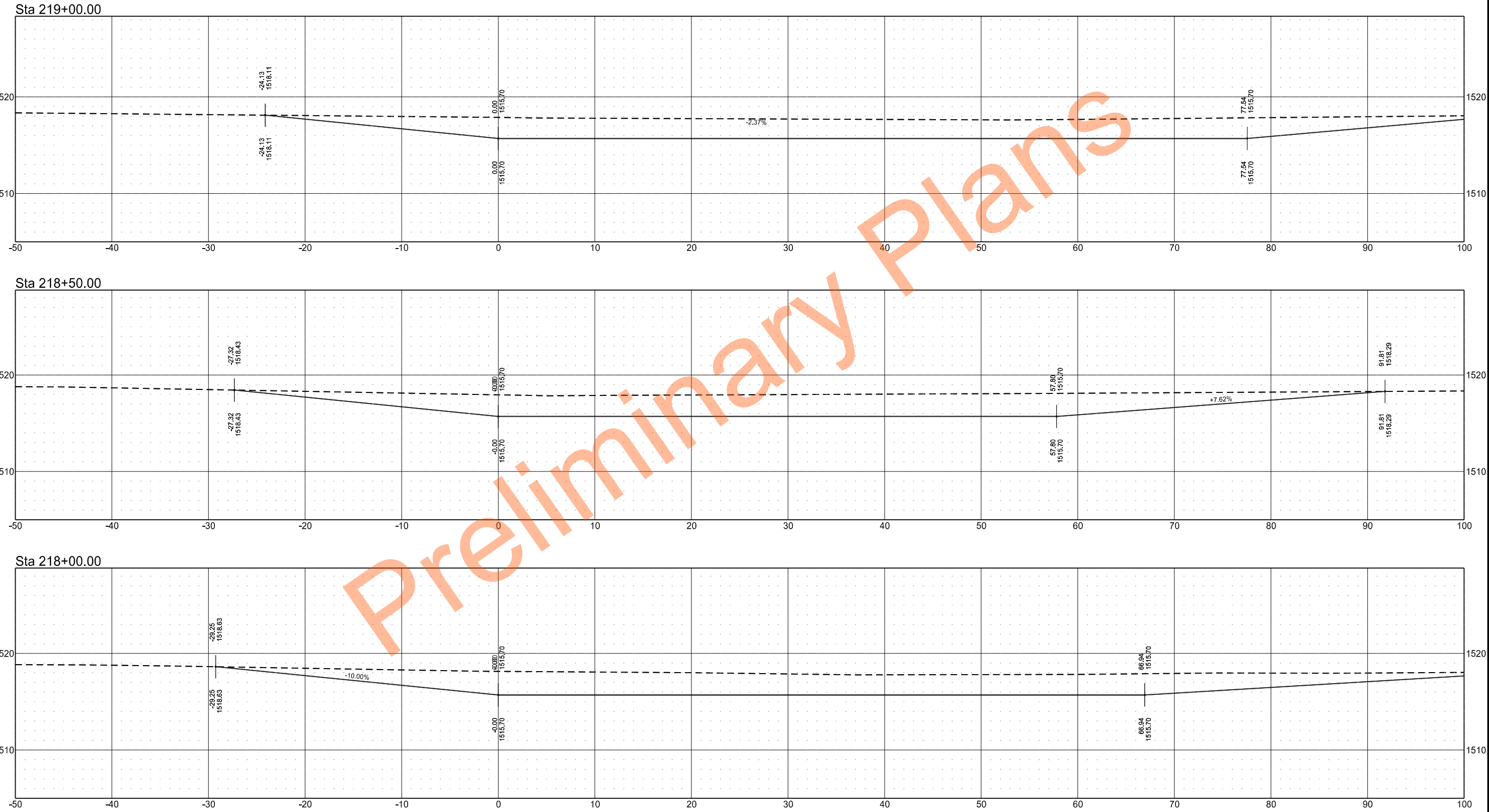
Sta 212+00.00

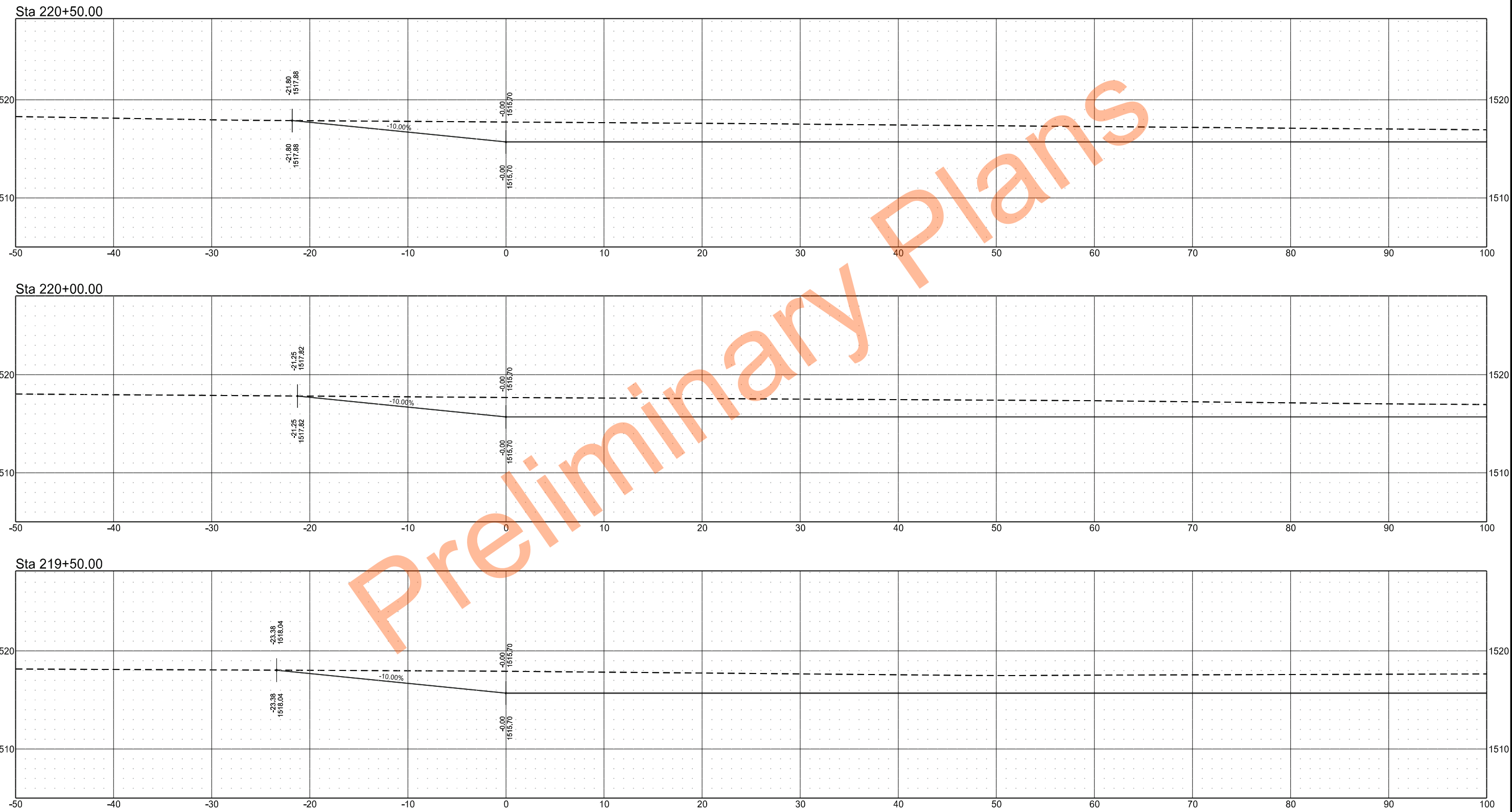






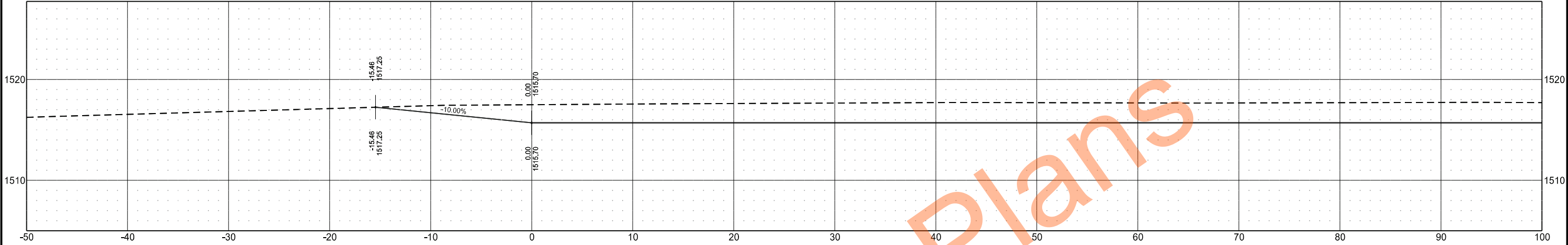




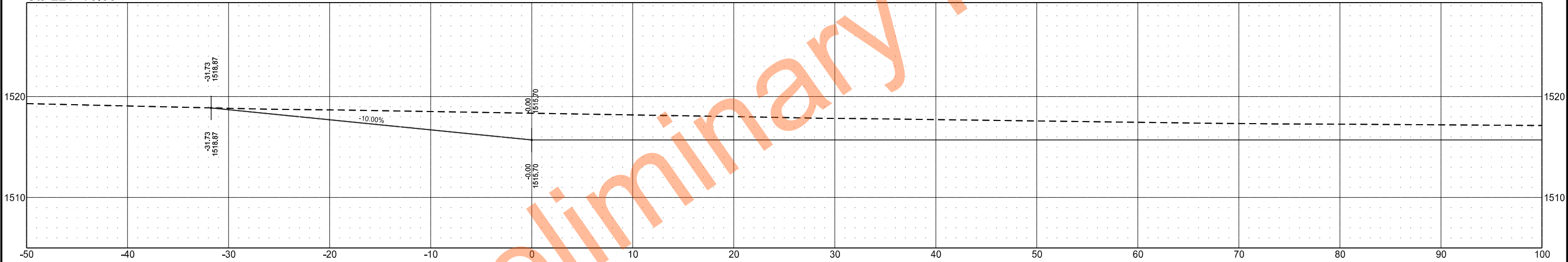


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	35

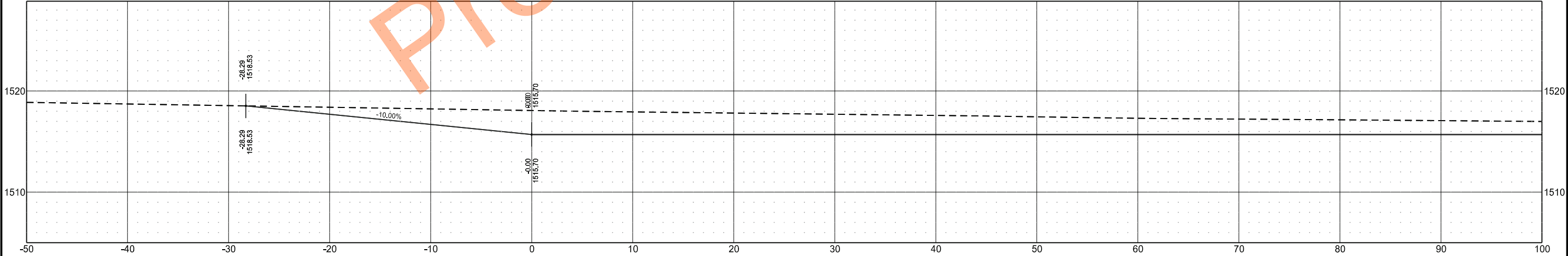
Sta 222+00.00



Sta 221+50.00

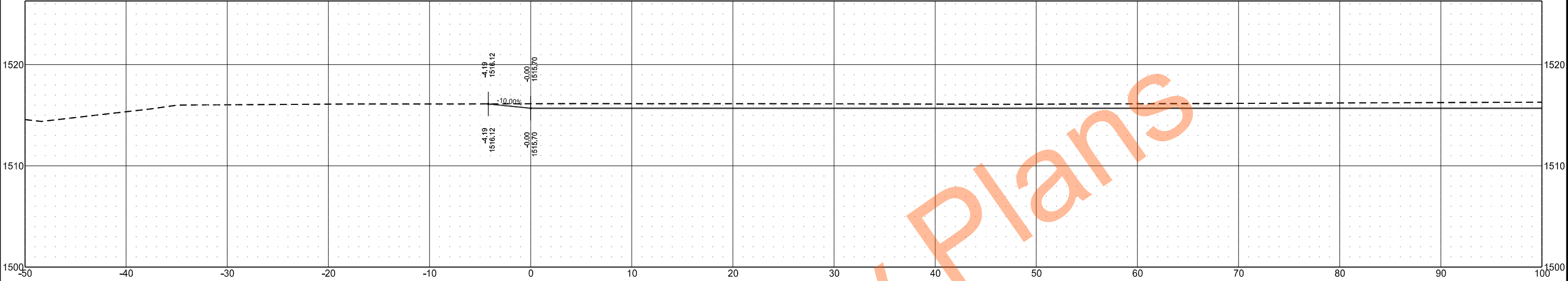


Sta 221+00.00

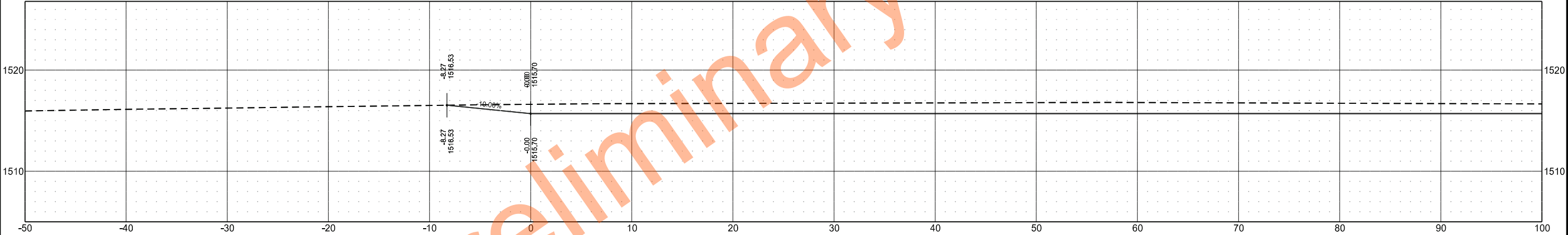


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	36

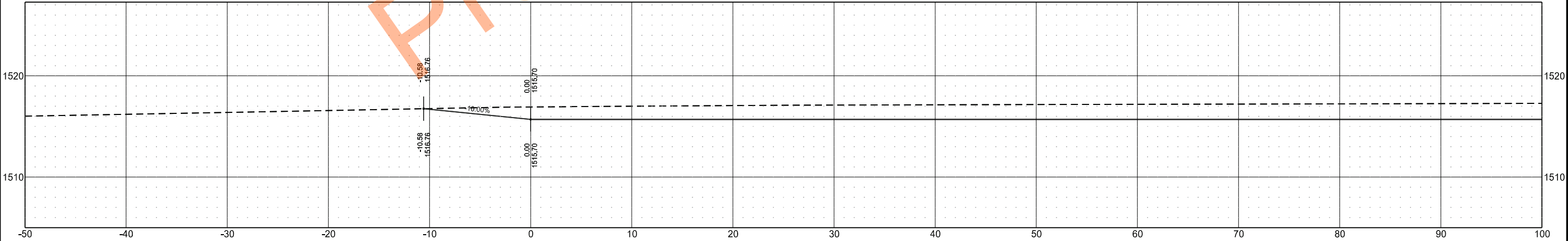
Sta 223+50.00



Sta 223+00.00

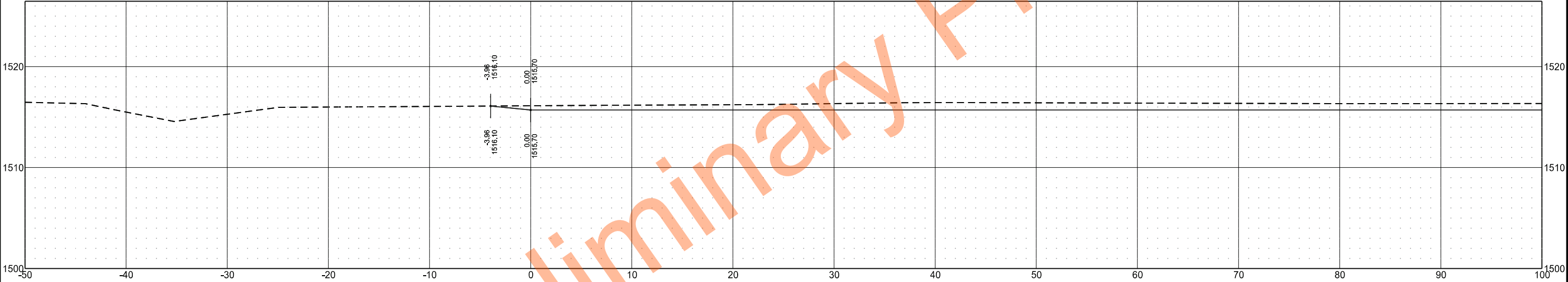


Sta 222+50.00

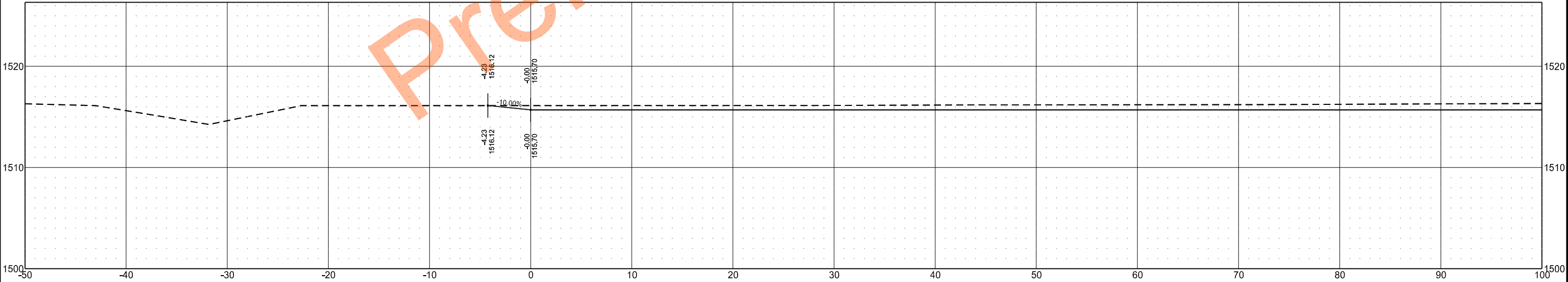


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	37

Sta 224+50.00

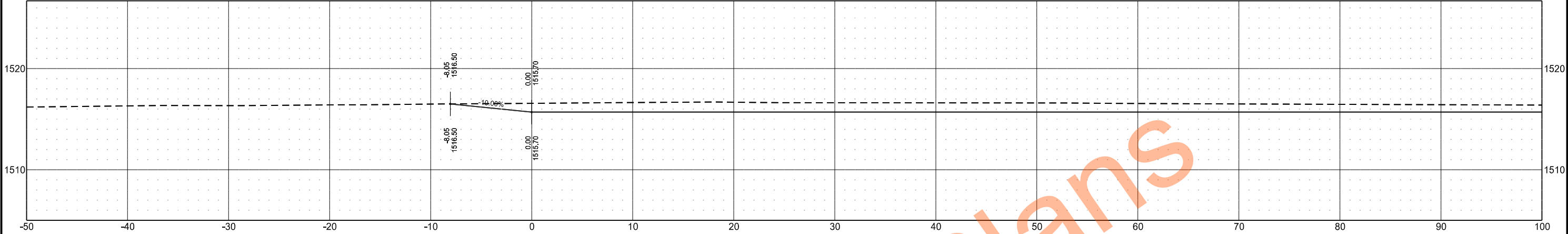


Sta 224+00.00

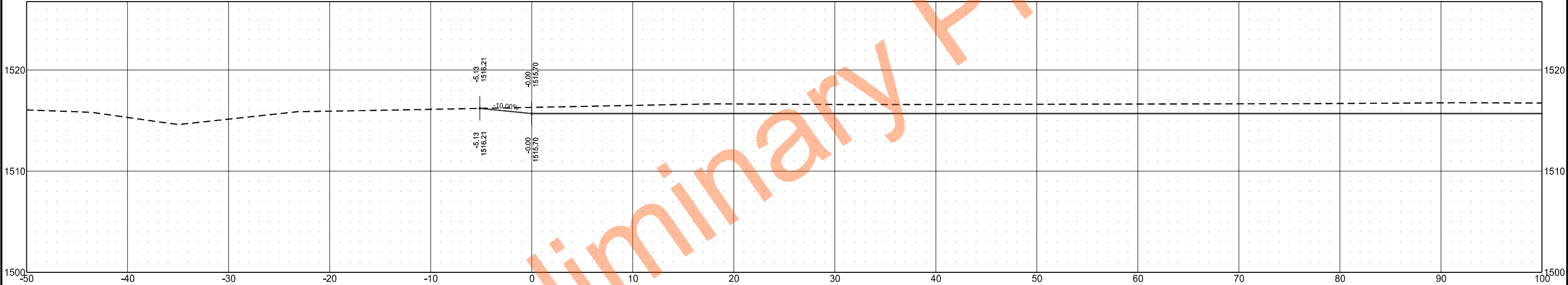


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	38

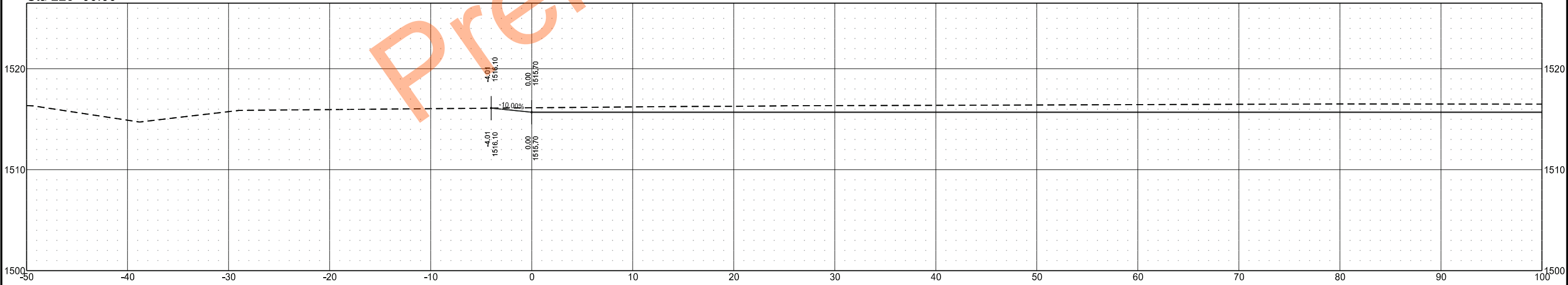
Sta 225+95.97



Sta 225+50.00

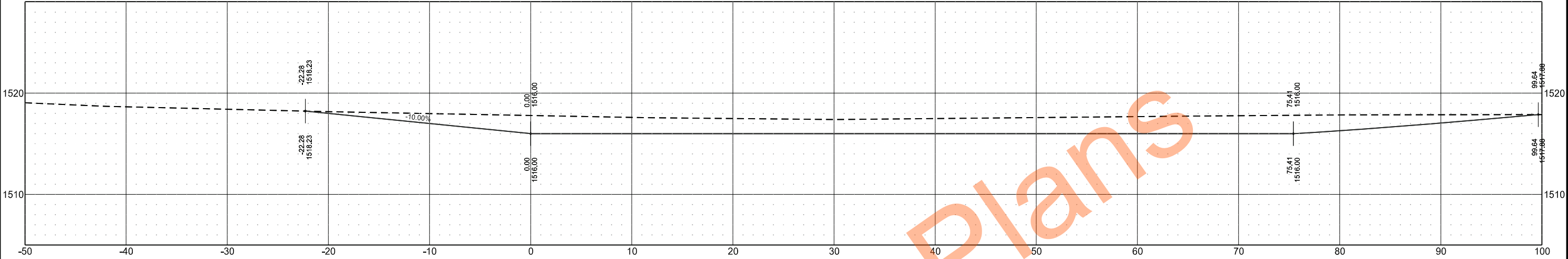


Sta 225+00.00

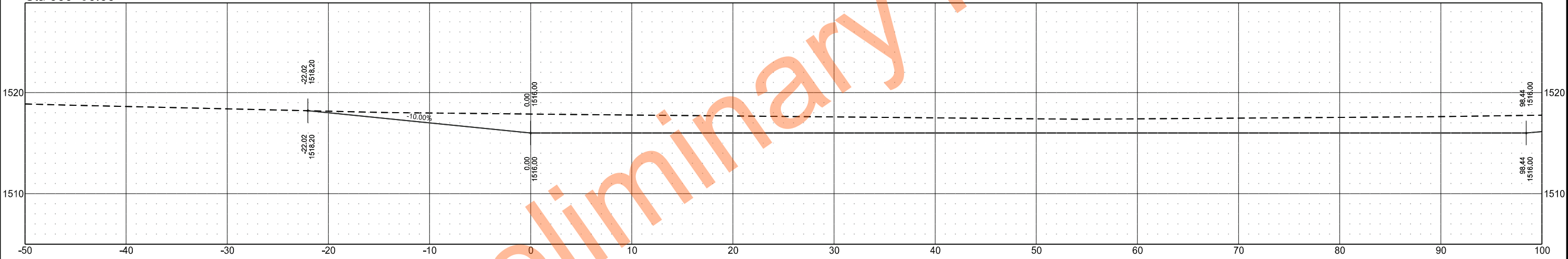


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	39

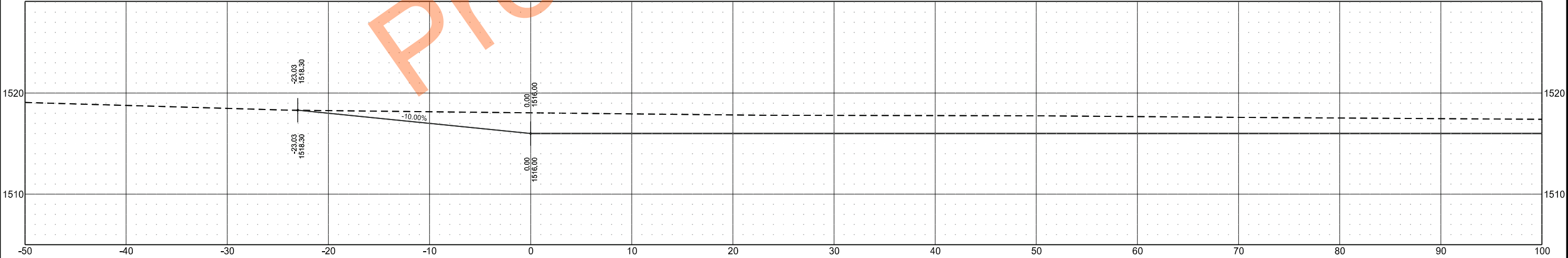
Sta 301+00.00



Sta 300+50.00

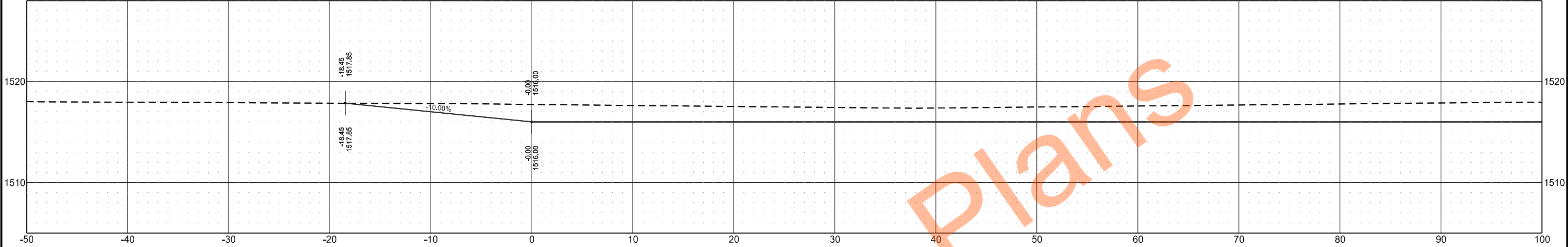


Sta 300+00.00

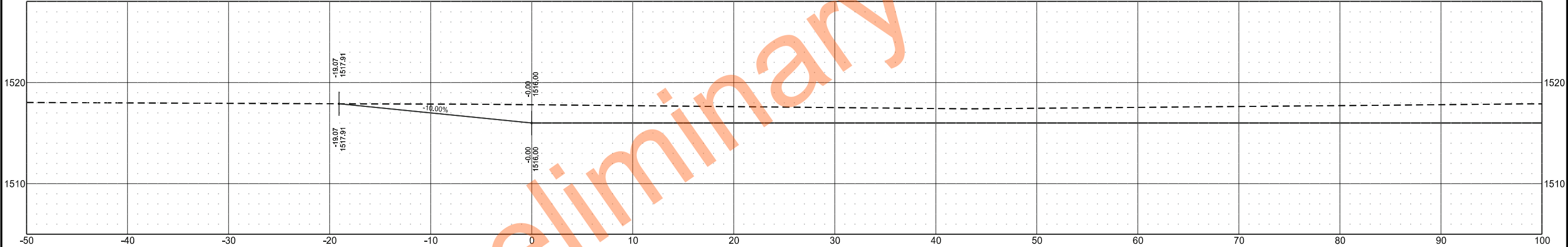


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	40

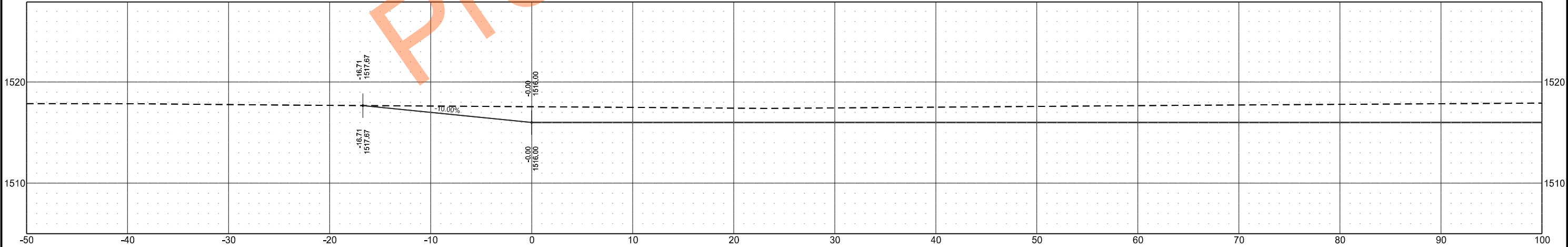
Sta 302+50.00

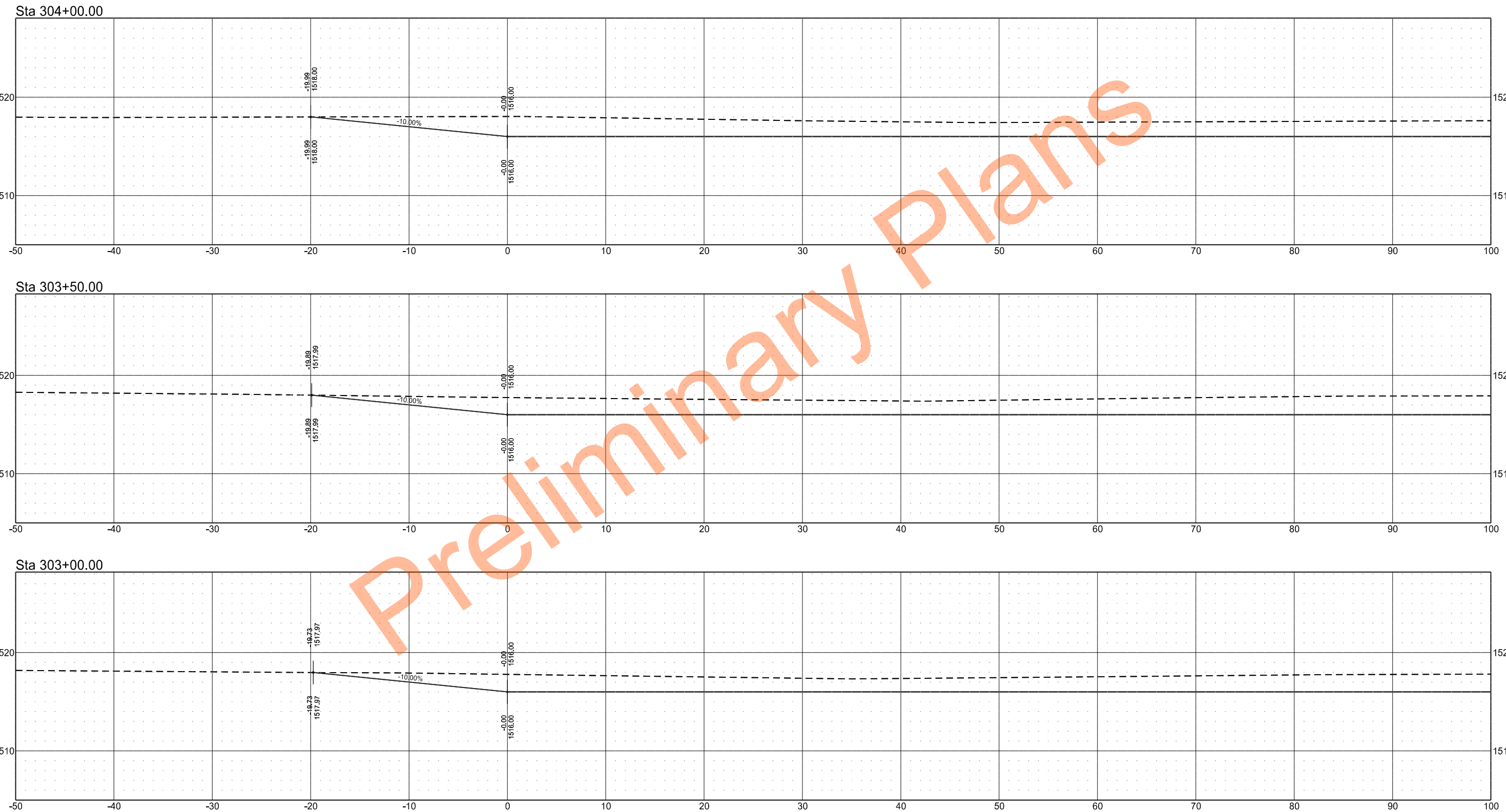


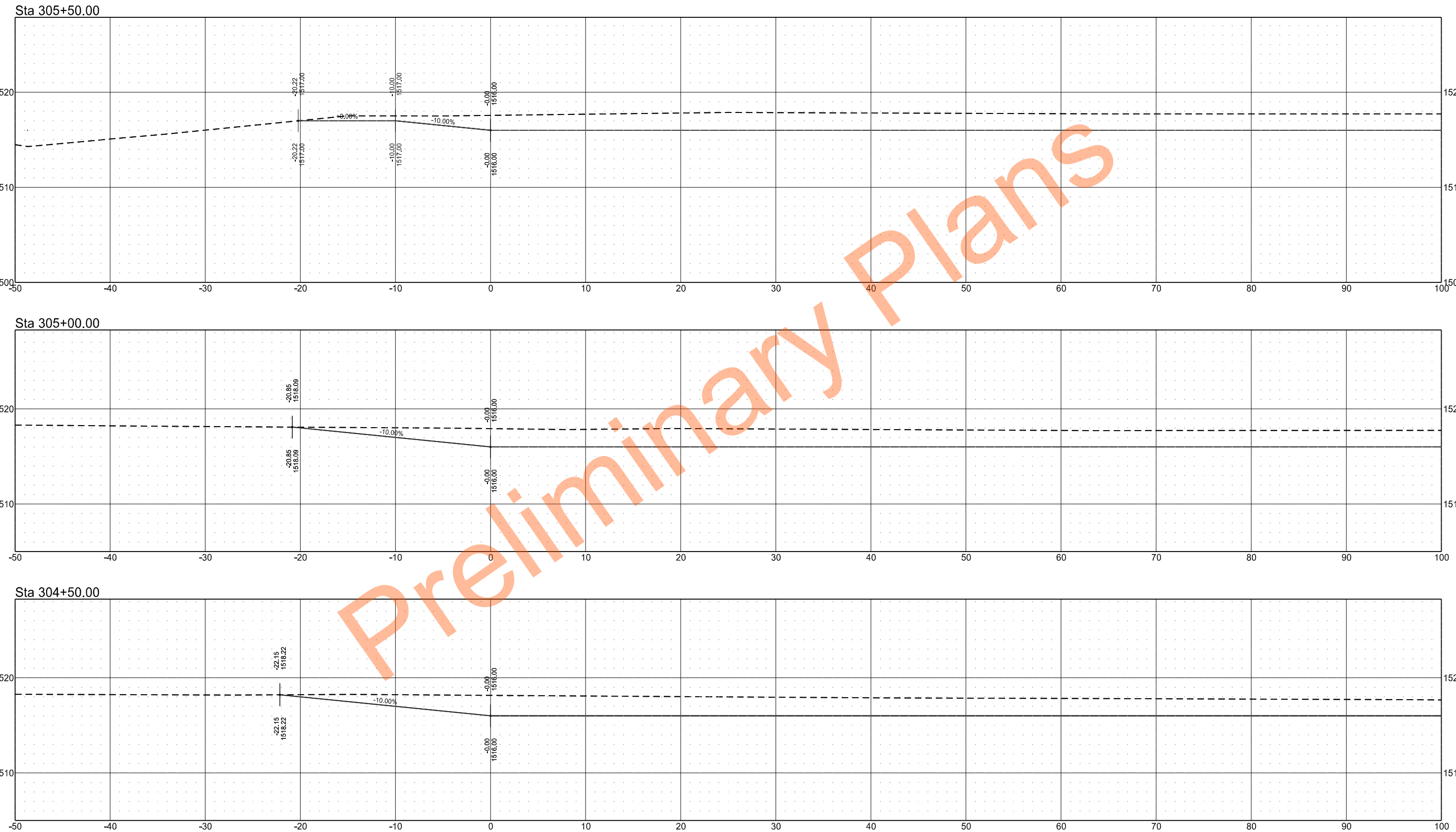
Sta 302+00.00



Sta 301+50.00

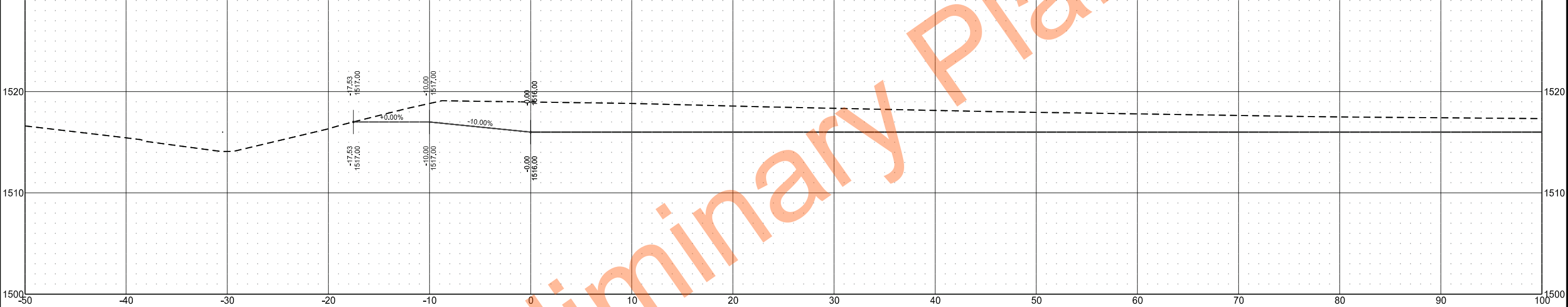




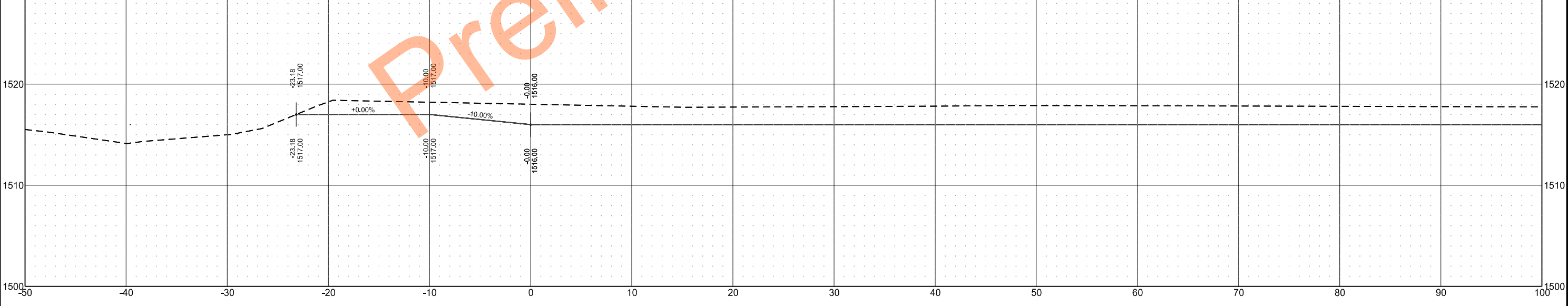


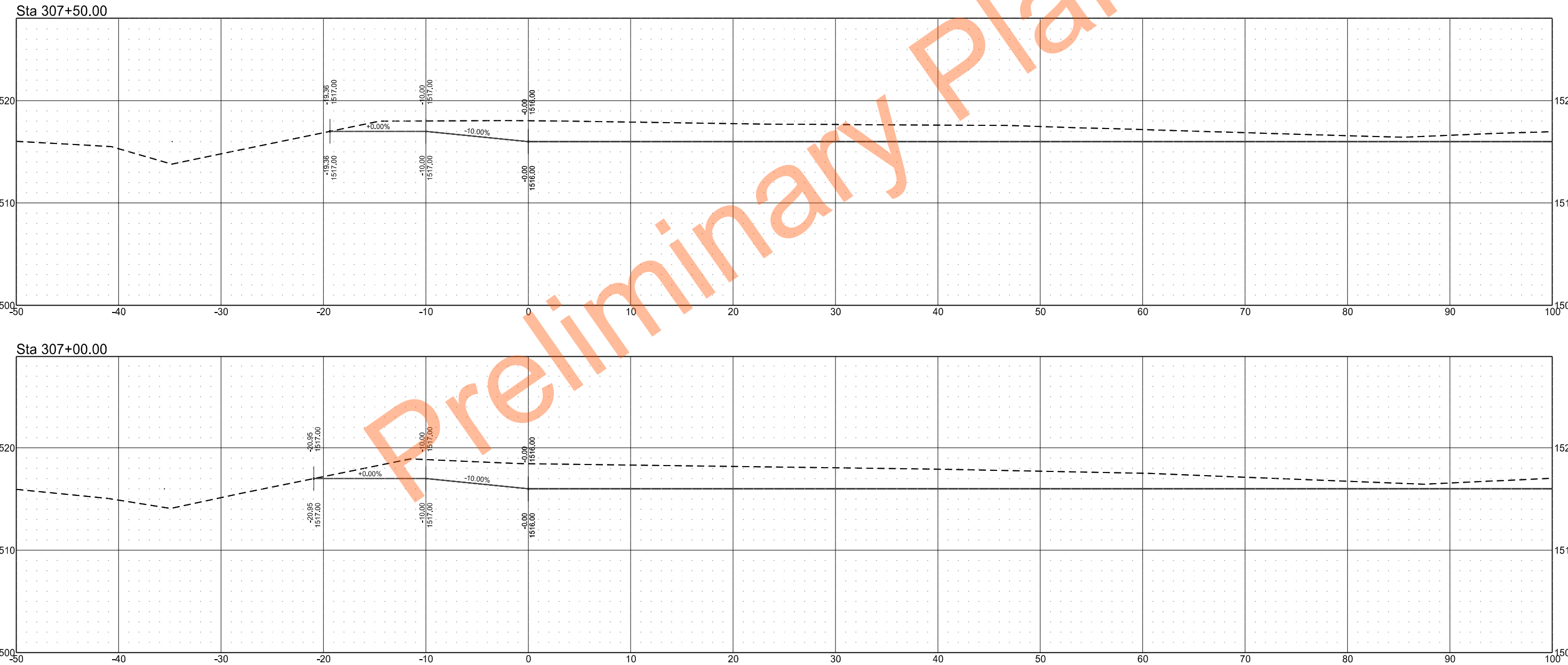
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	43

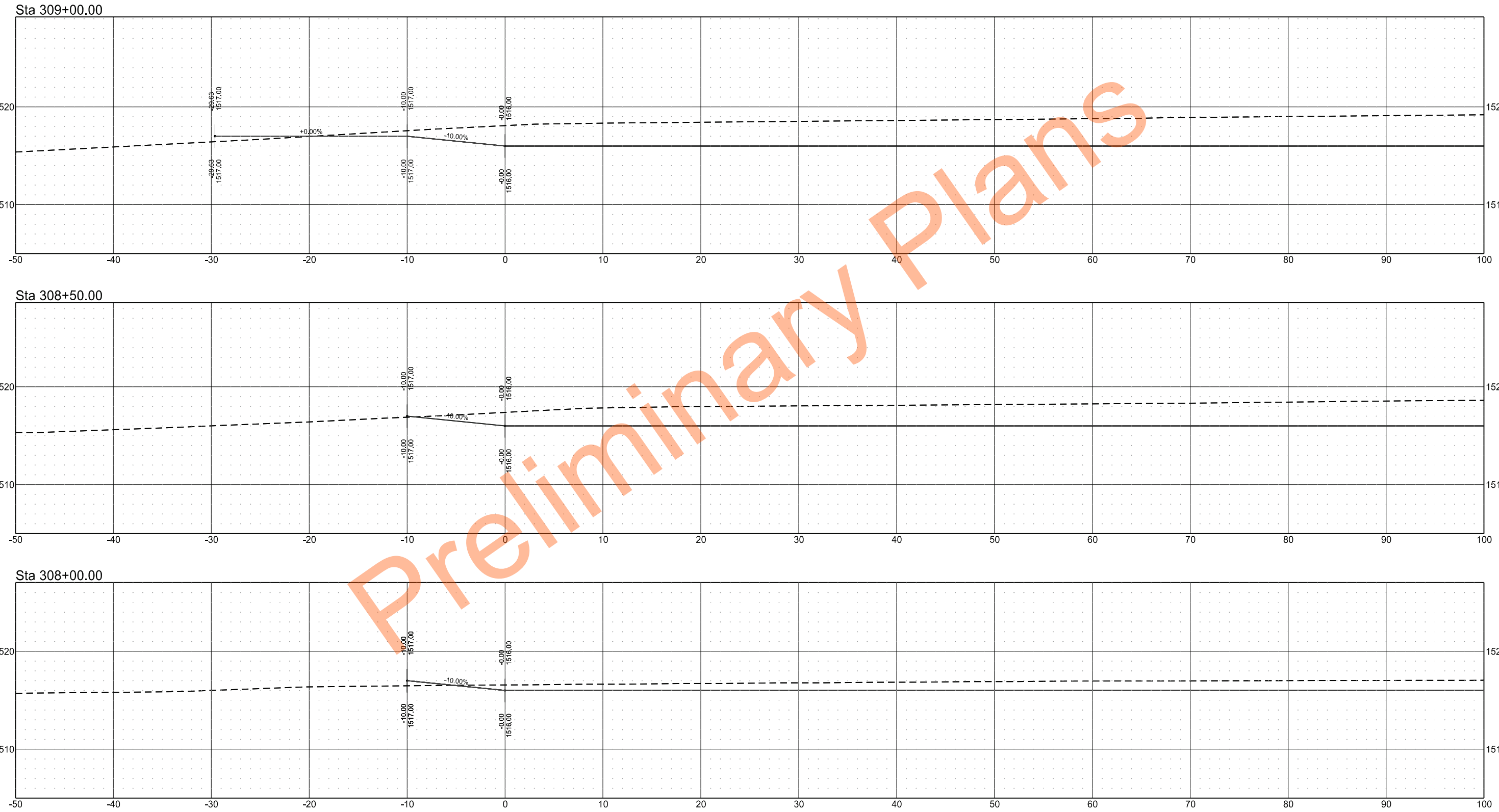
Sta 306+50.00

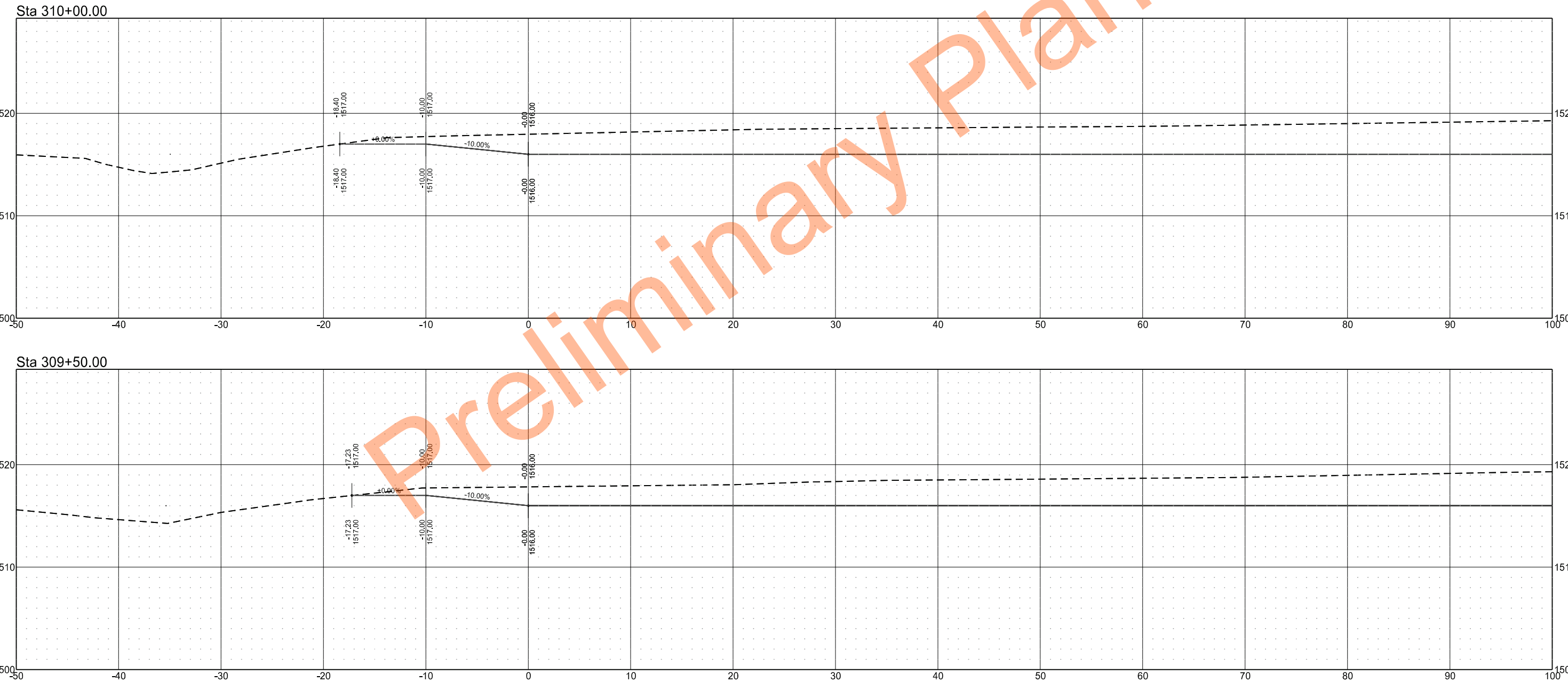


Sta 306+00.00



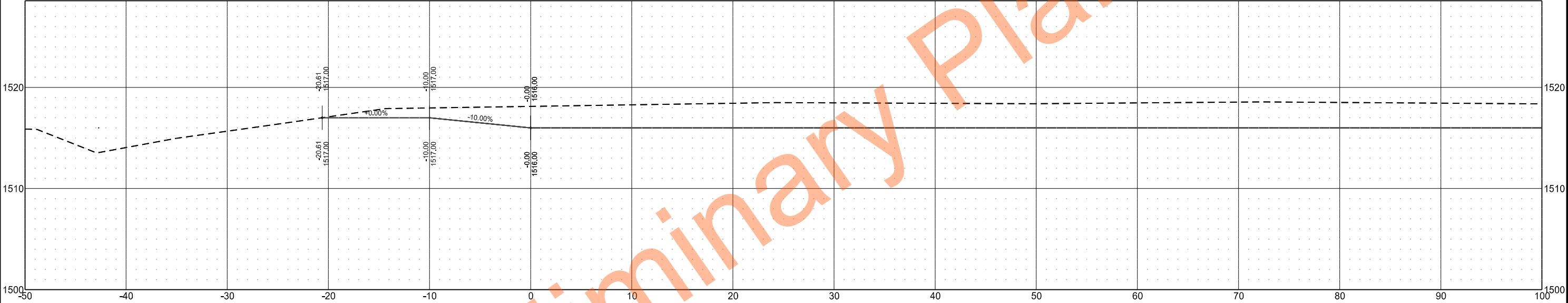




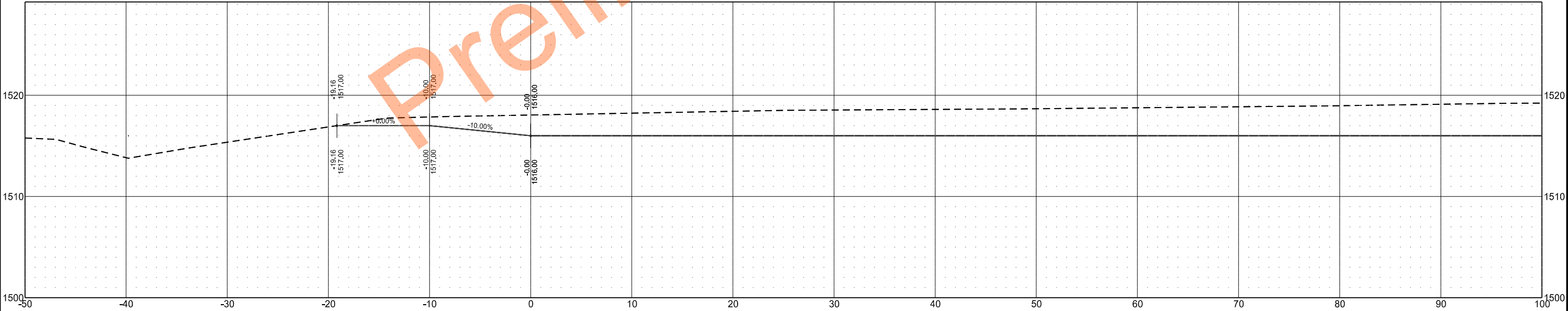


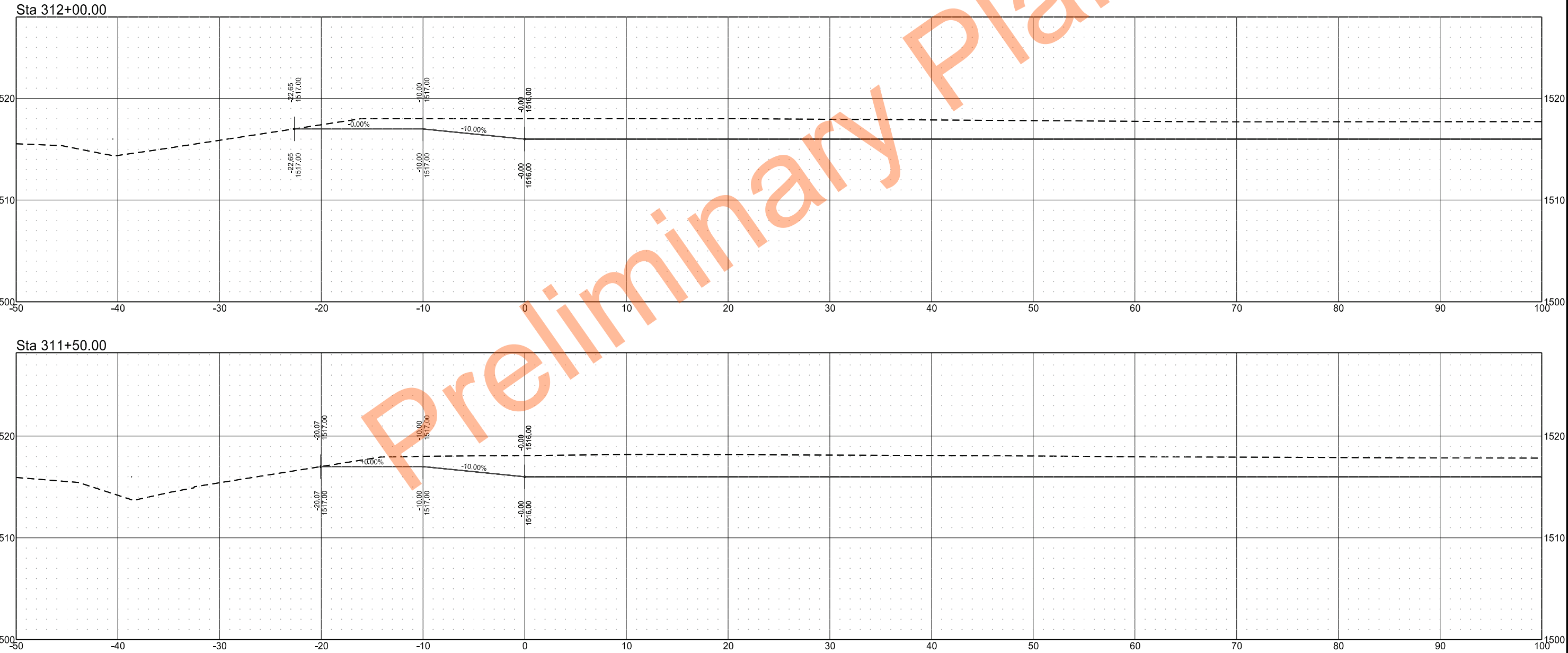
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	47

Sta 311+00.00



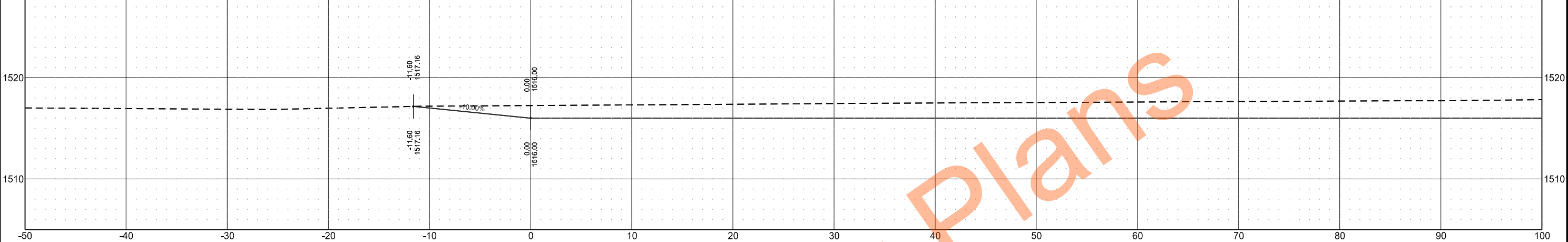
Sta 310+50.00



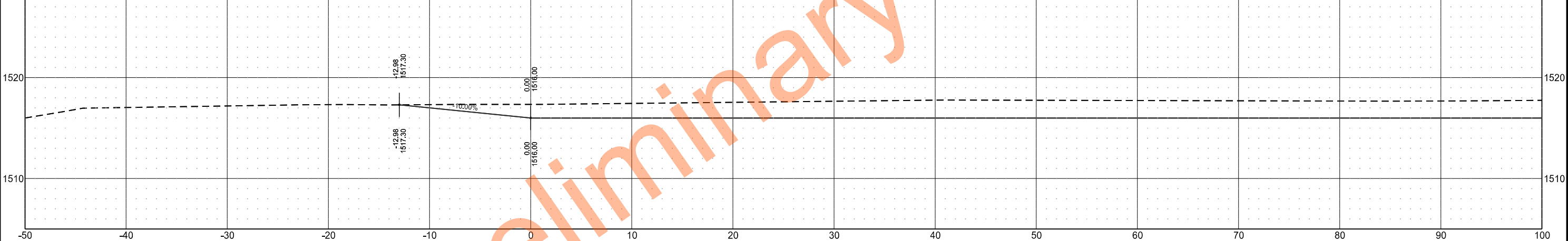


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	49

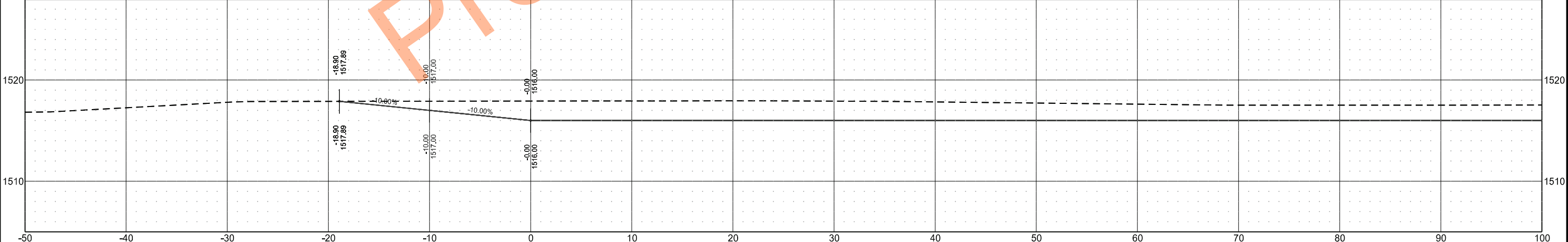
Sta 313+50.00



Sta 313+00.00

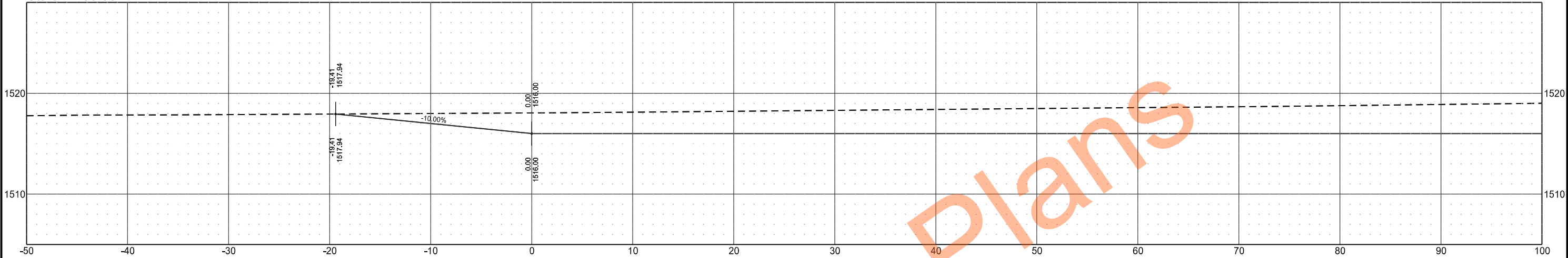


Sta 312+50.00

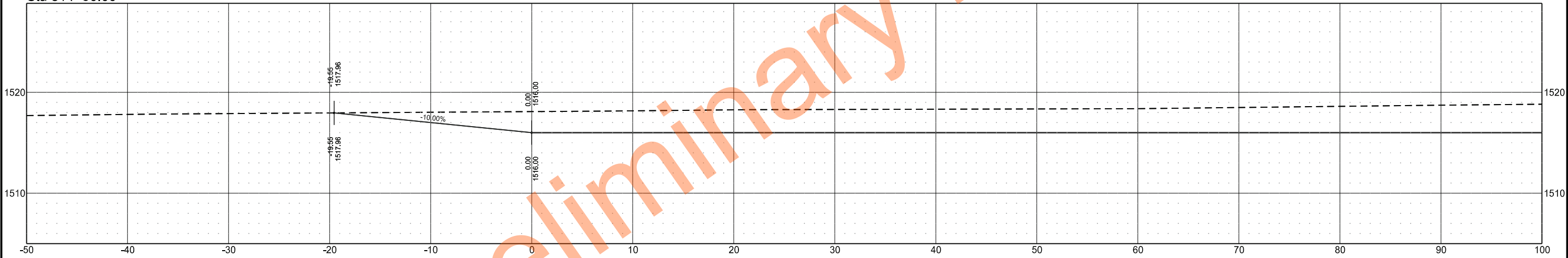


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	50

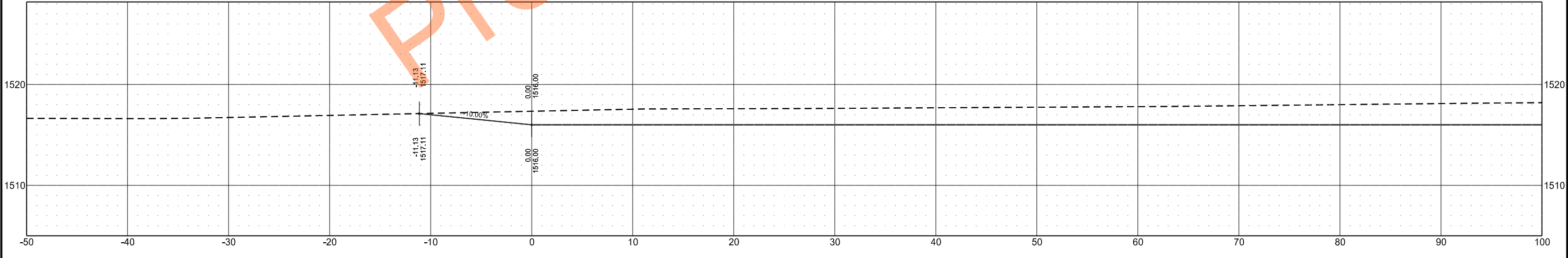
Sta 315+00.00



Sta 314+50.00

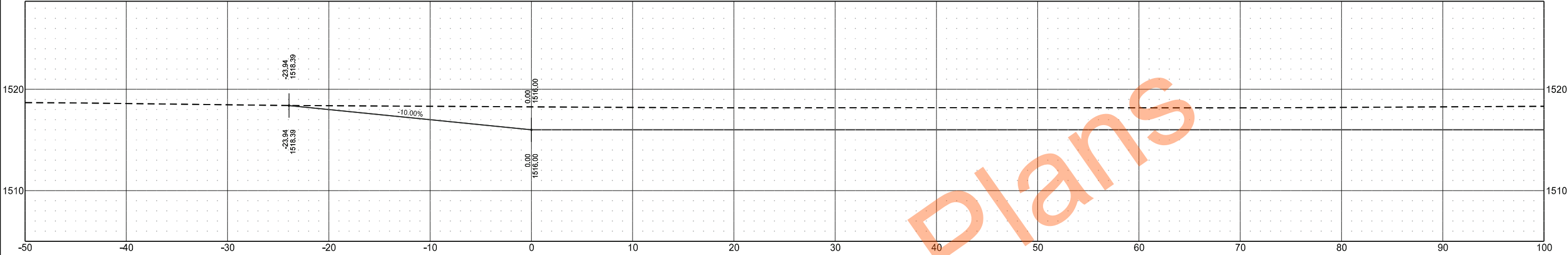


Sta 314+00.00

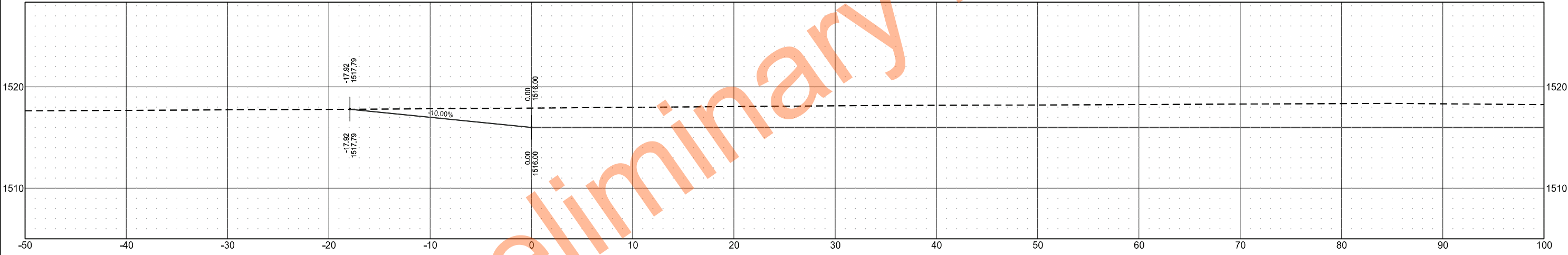


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	51

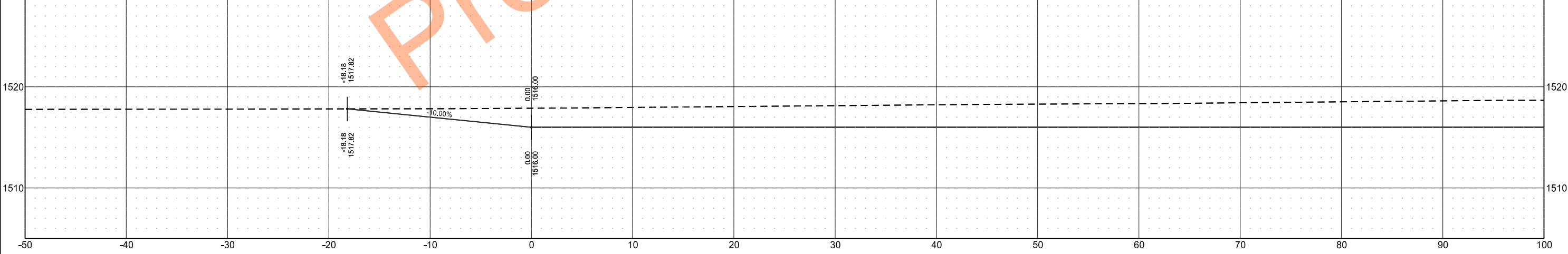
Sta 316+50.00

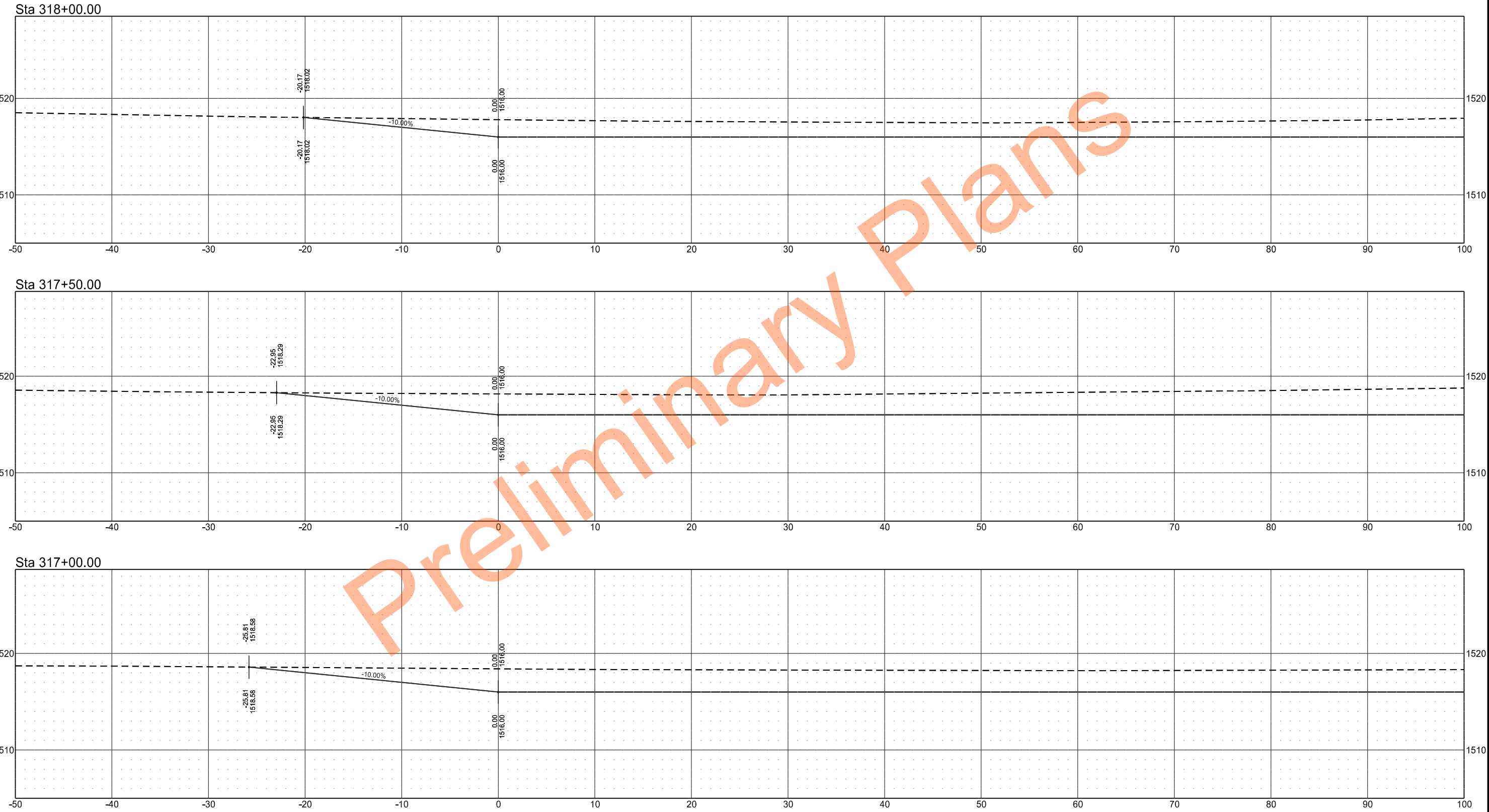


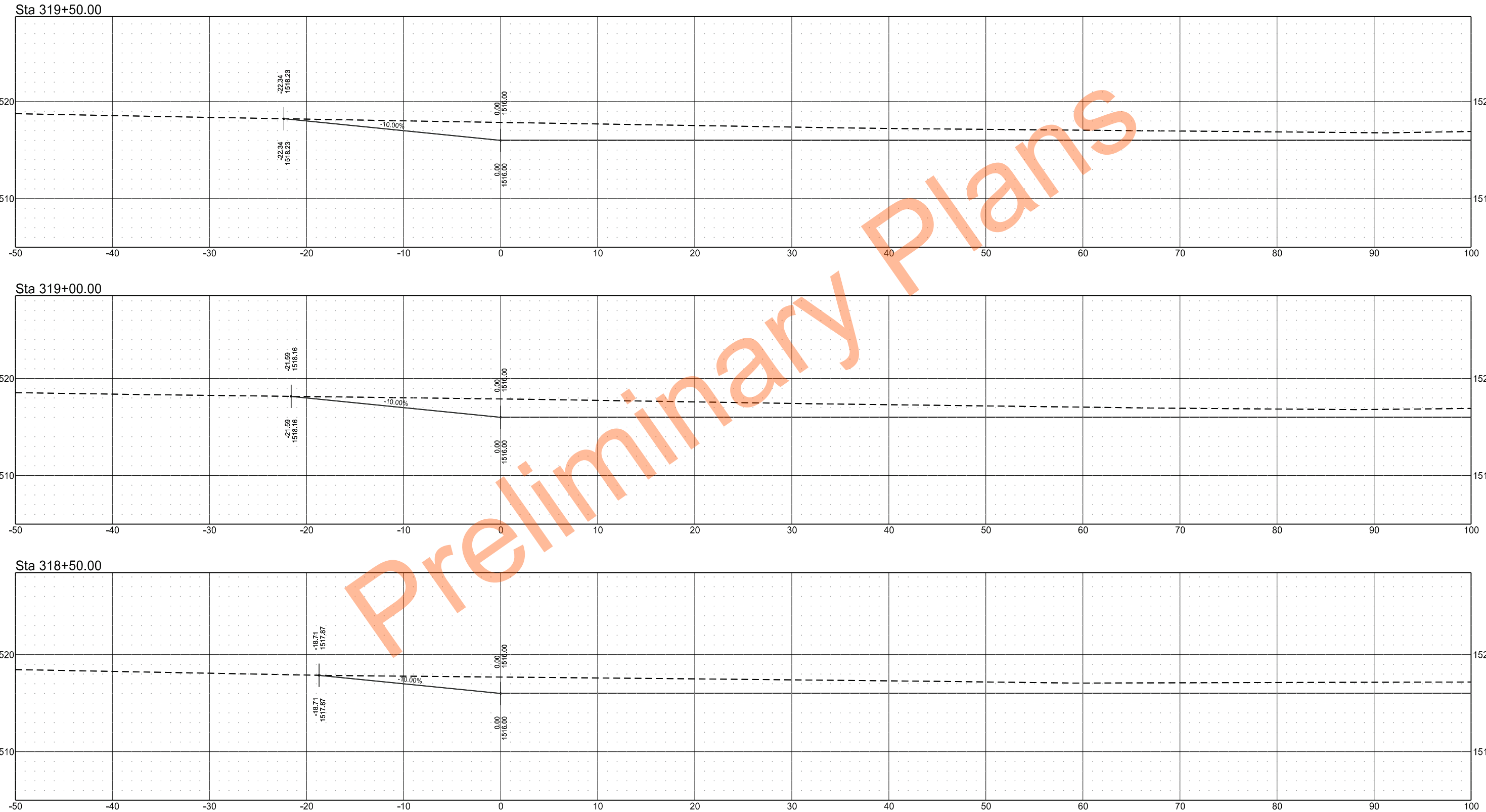
Sta 316+00.00



Sta 315+50.00

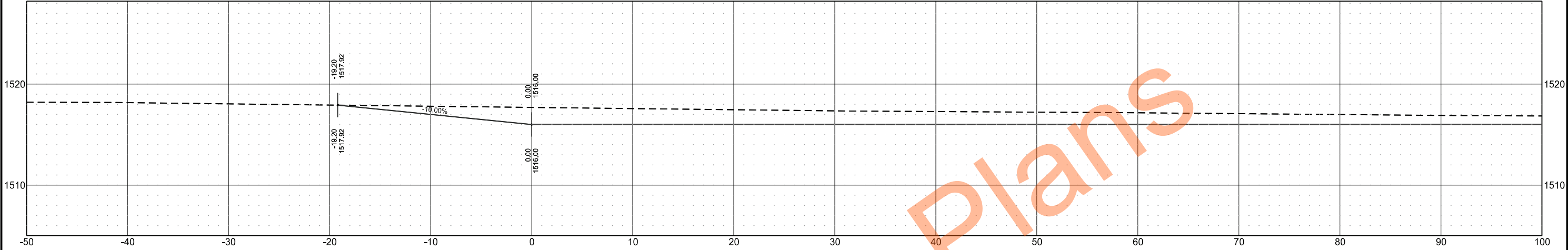




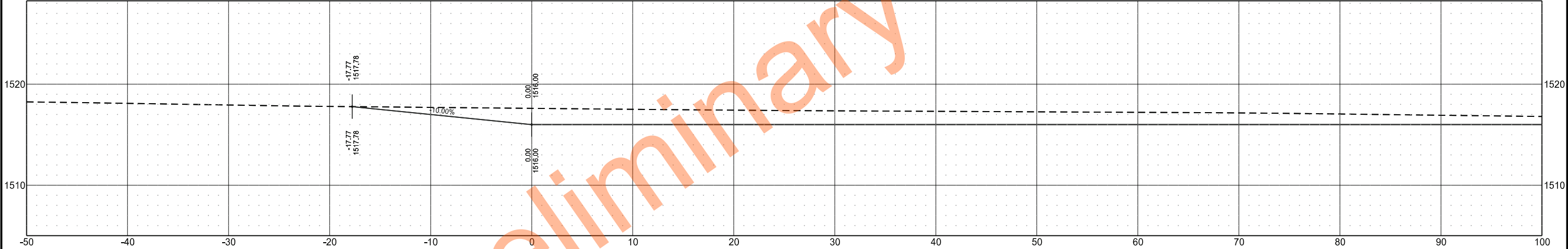


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	54

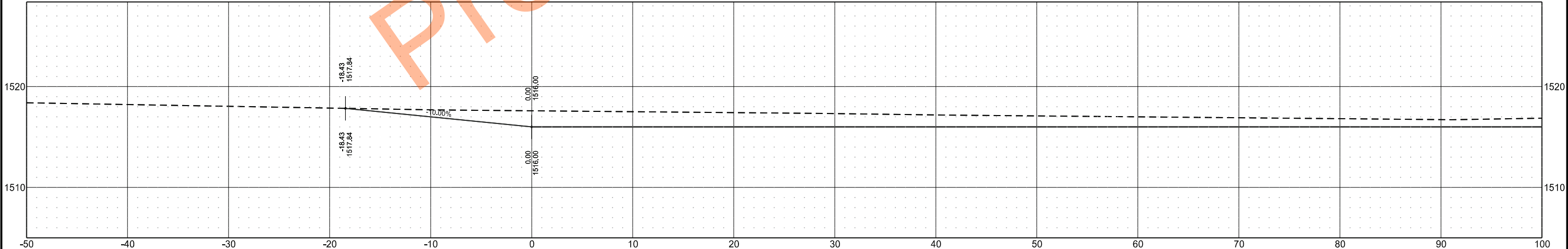
Sta 321+00.00

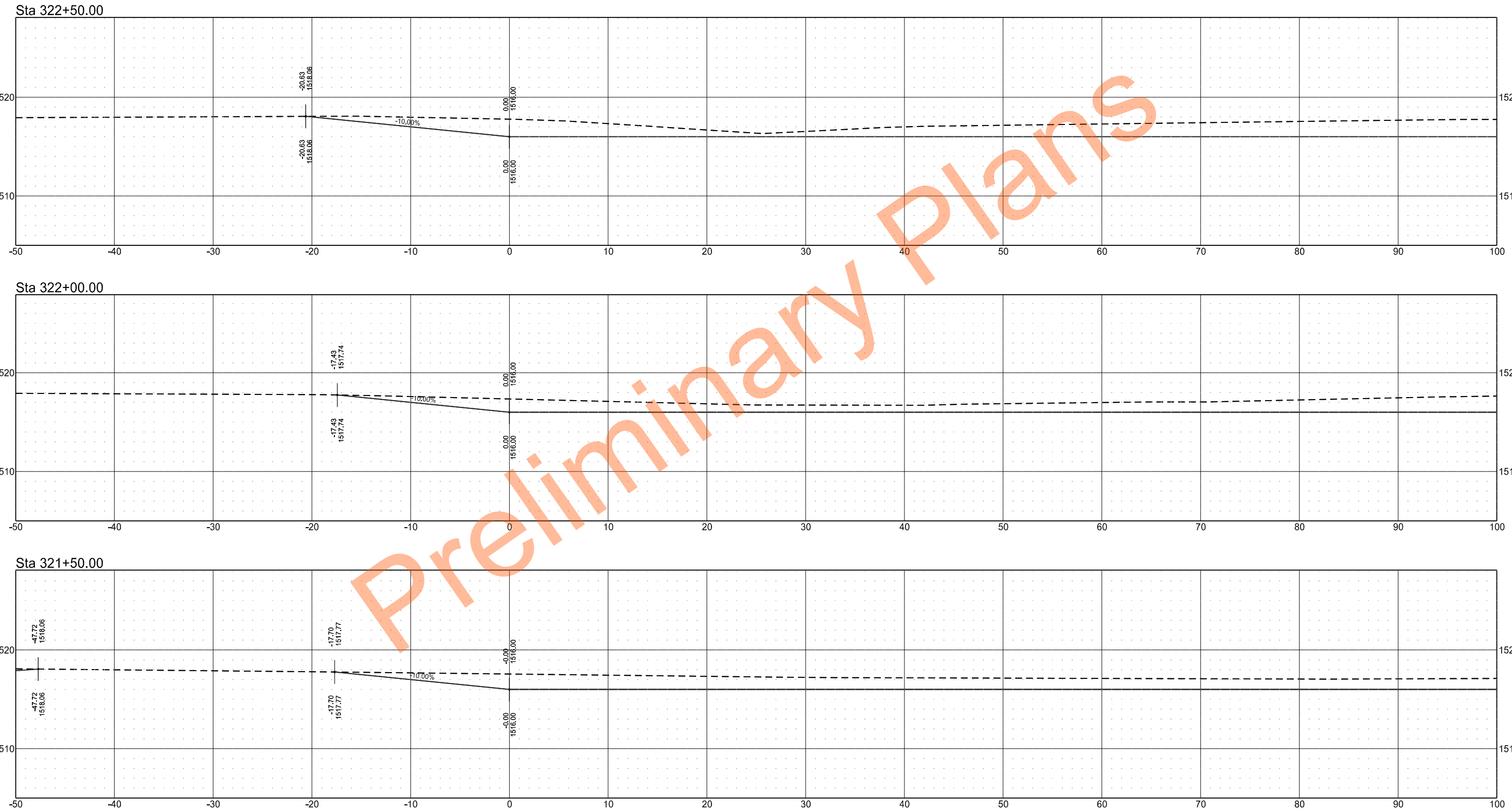


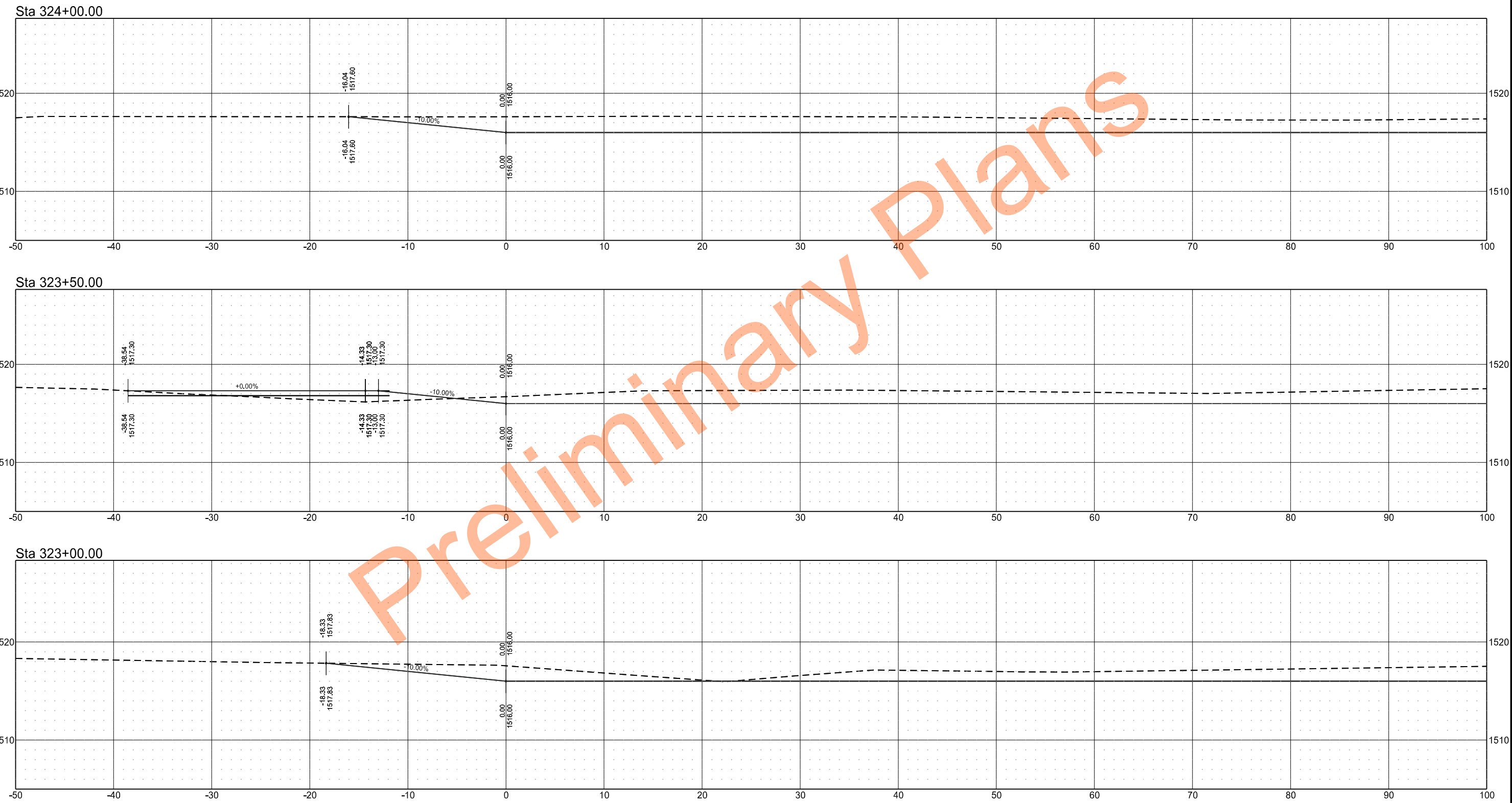
Sta 320+50.00



Sta 320+00.00

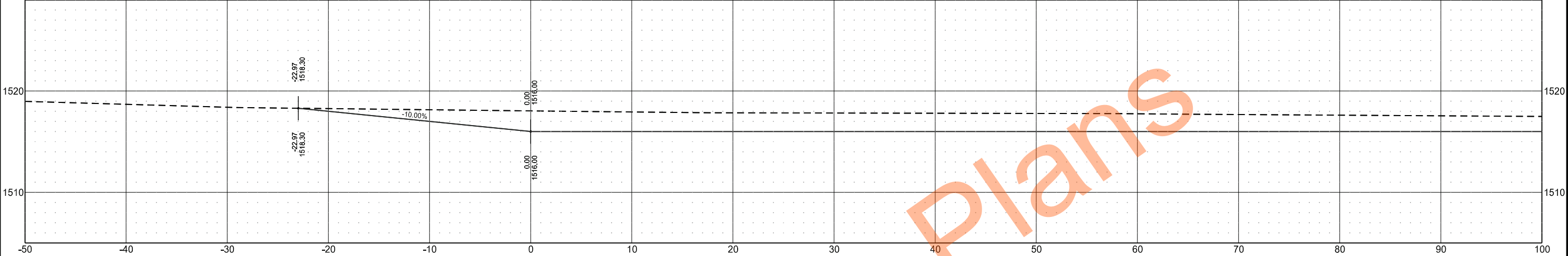




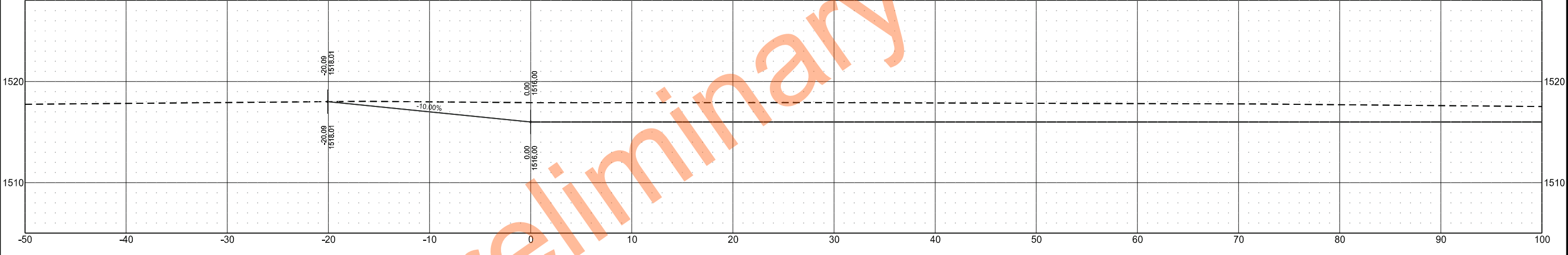


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	57

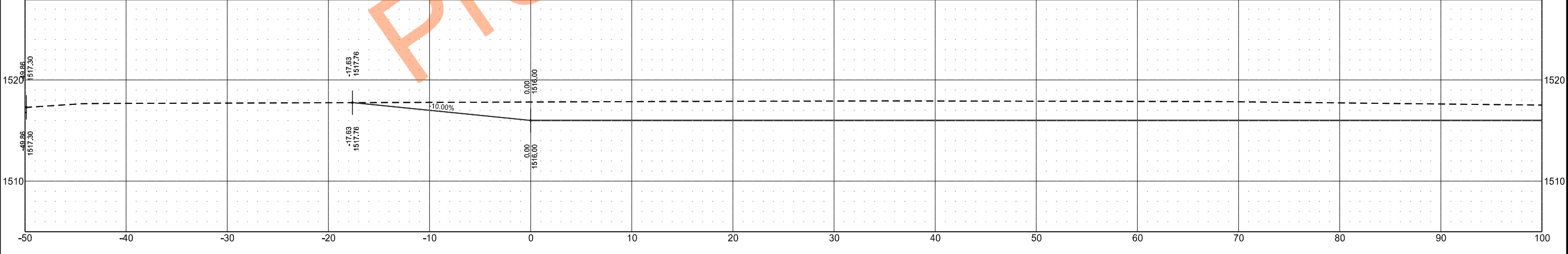
Sta 325+50.00

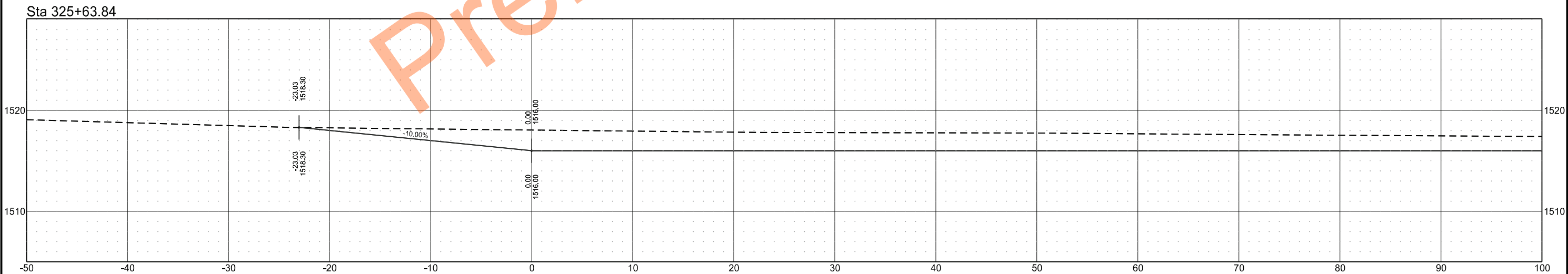


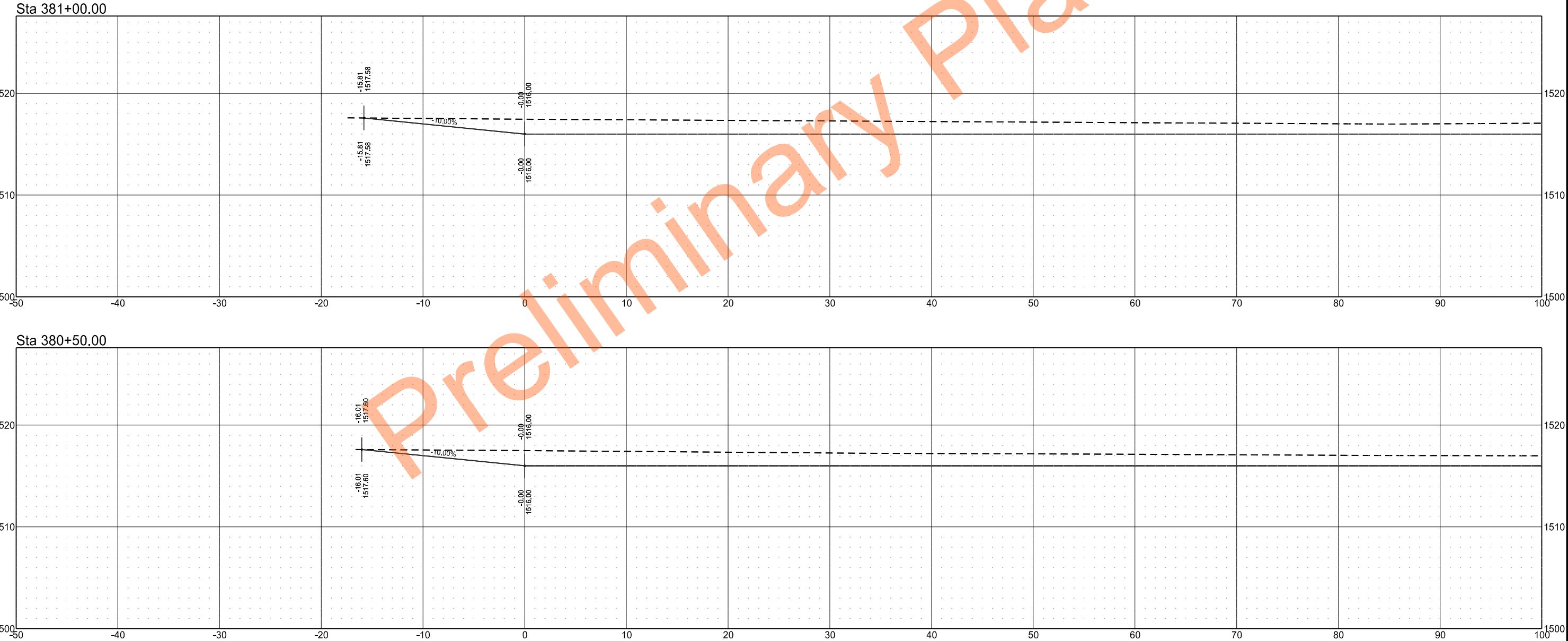
Sta 325+00.00



Sta 324+50.00

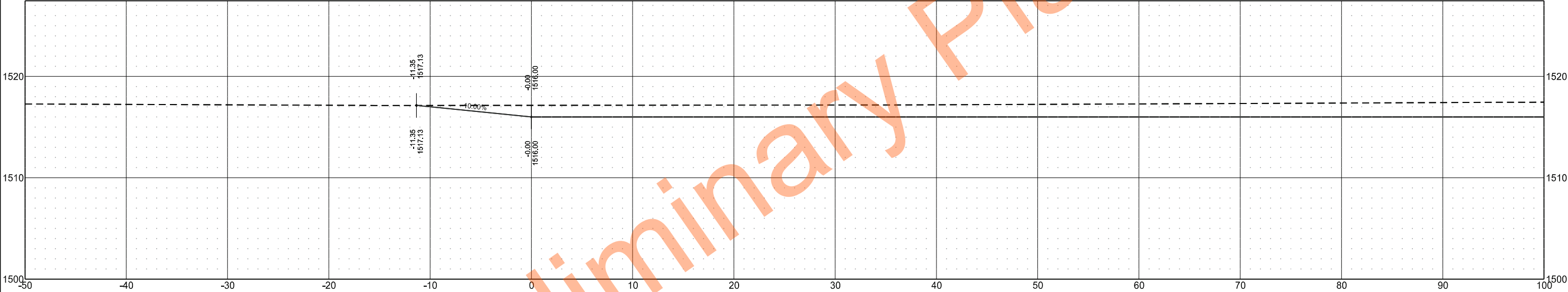




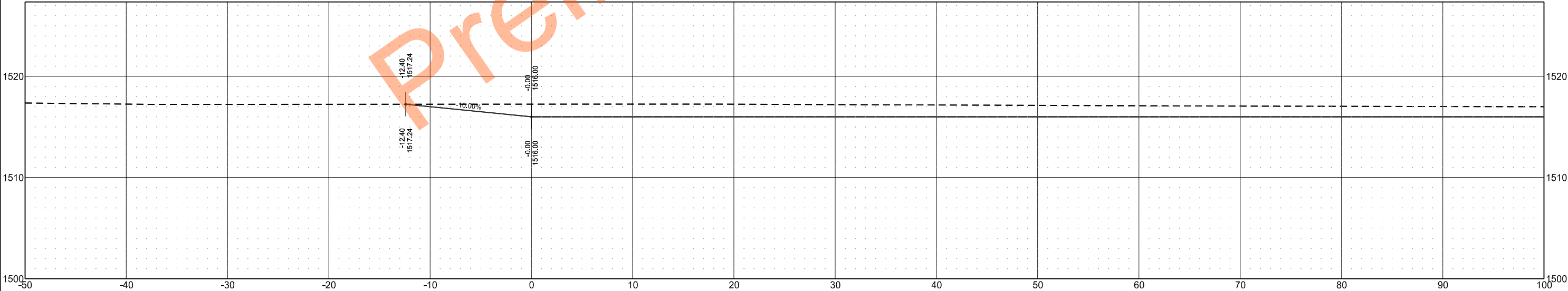


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	60

Sta 382+00.00

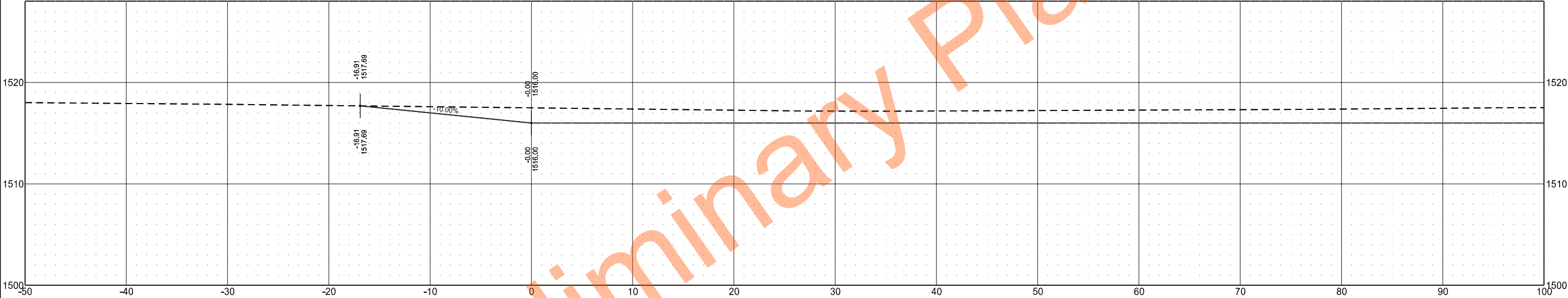


Sta 381+50.00

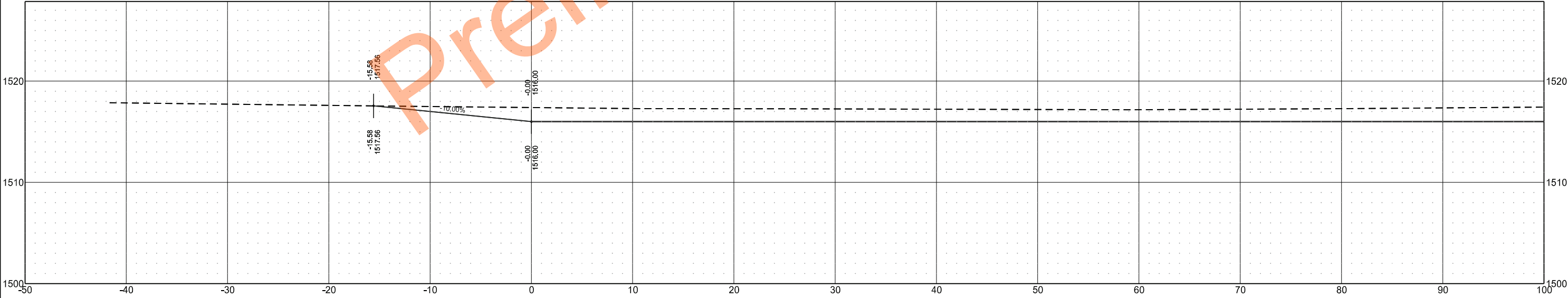


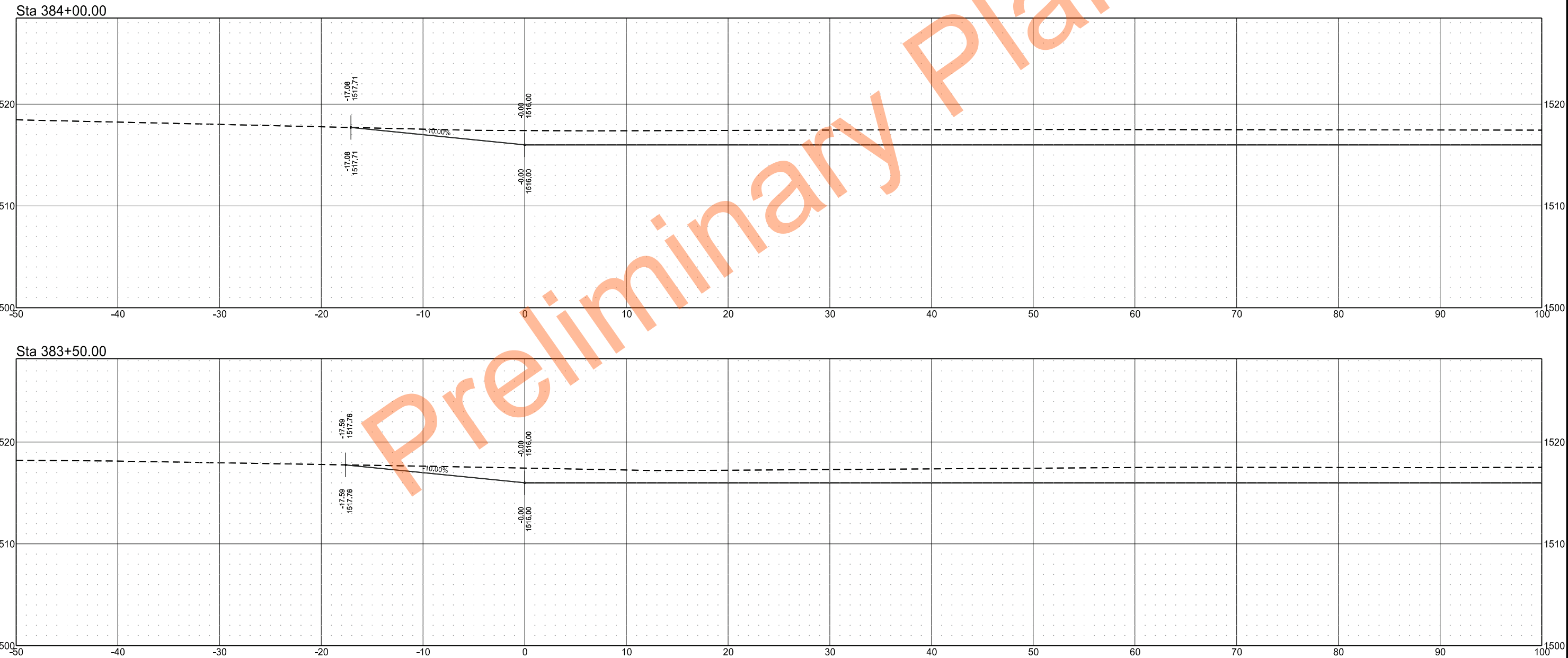
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	61

Sta 383+00.00



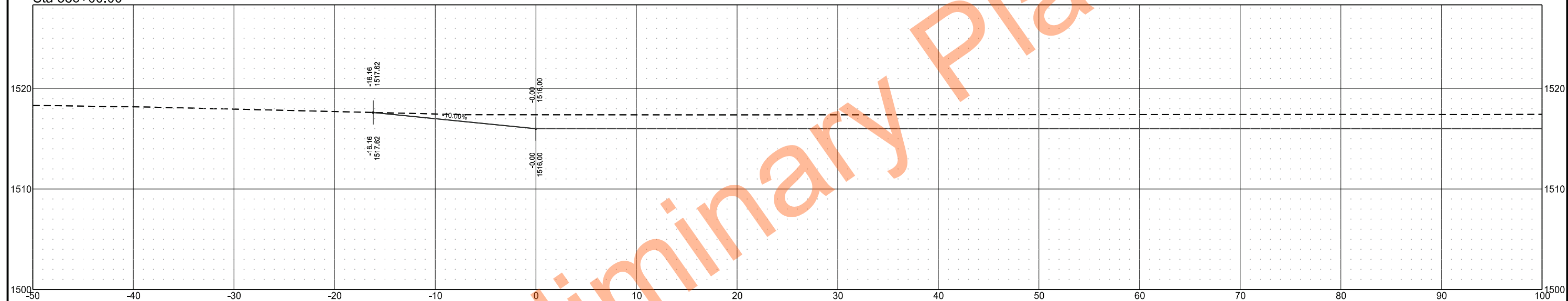
Sta 382+50.00



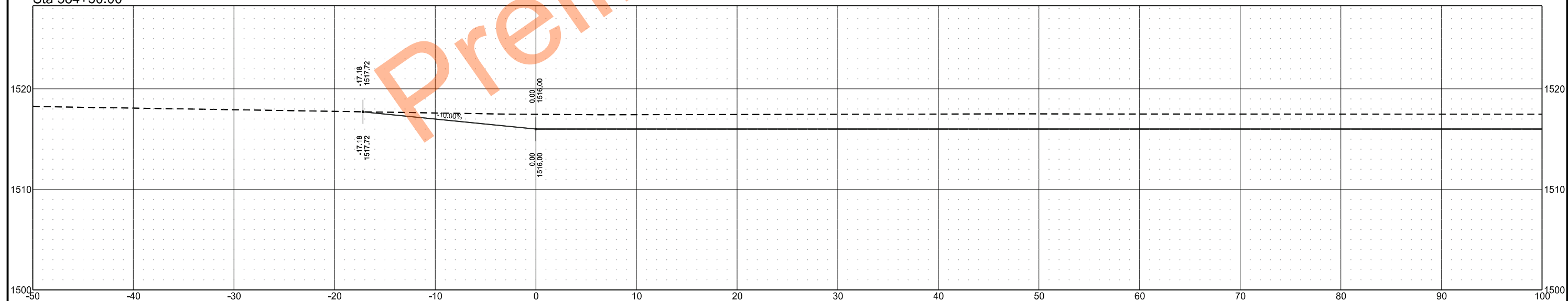


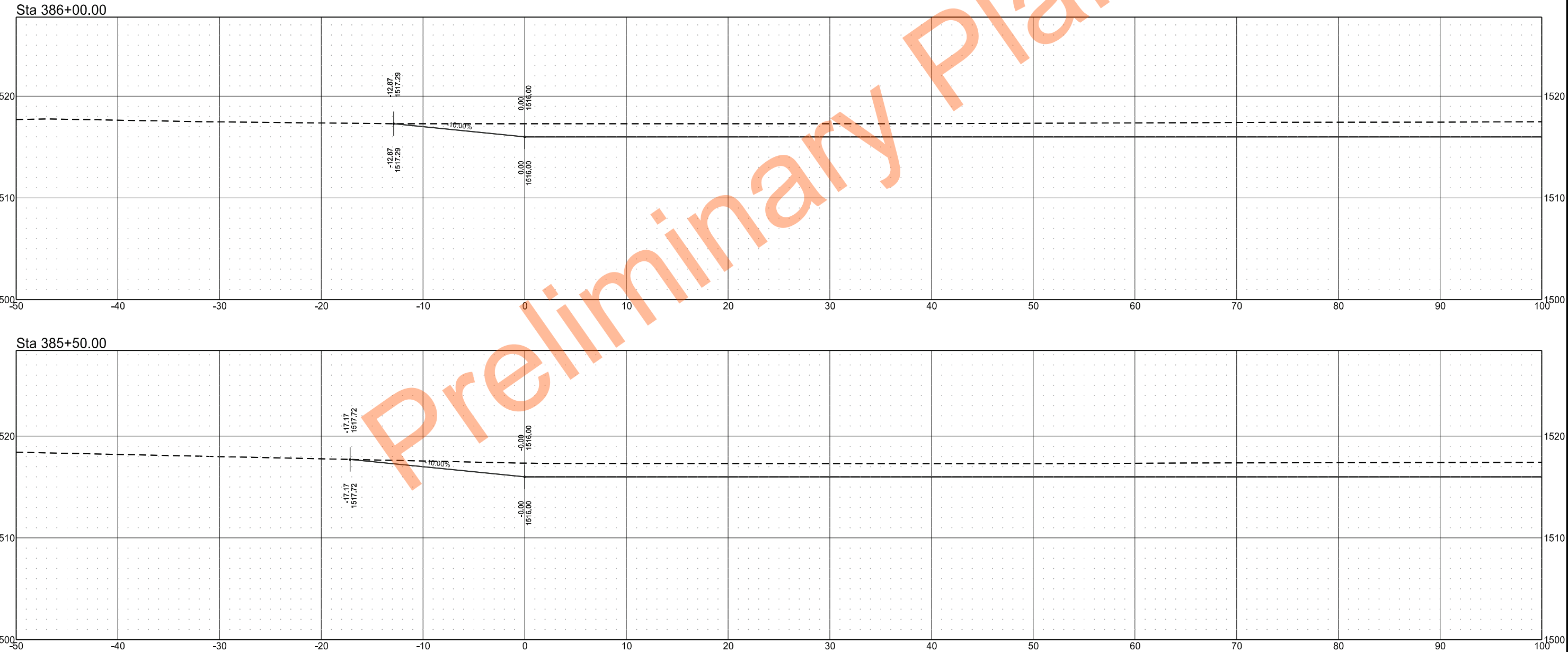
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	63

Sta 385+00.00



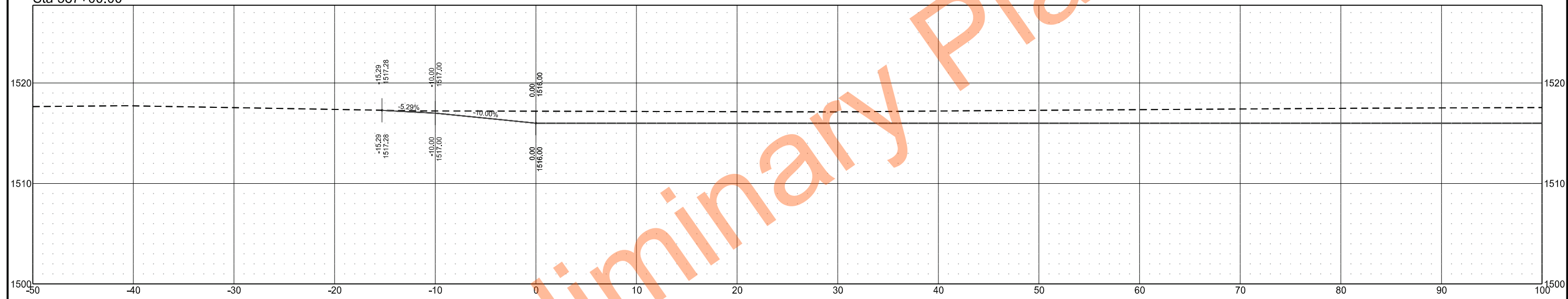
Sta 384+50.00



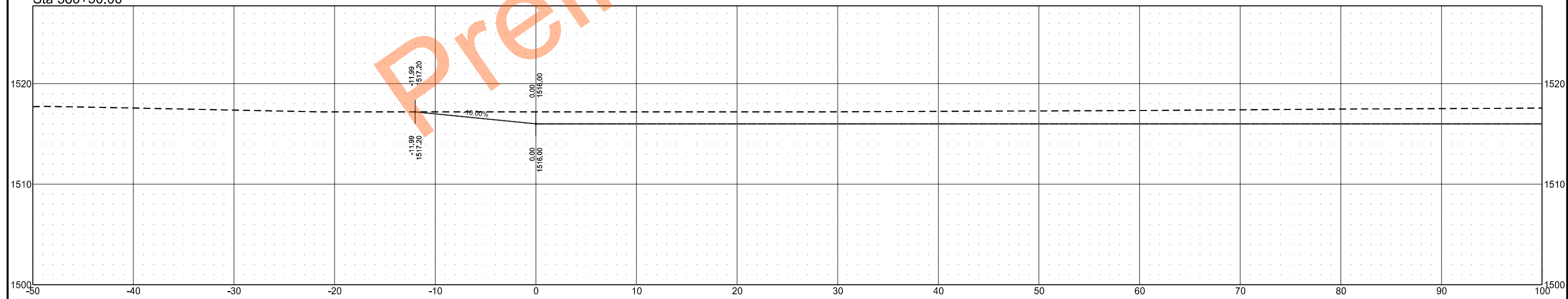


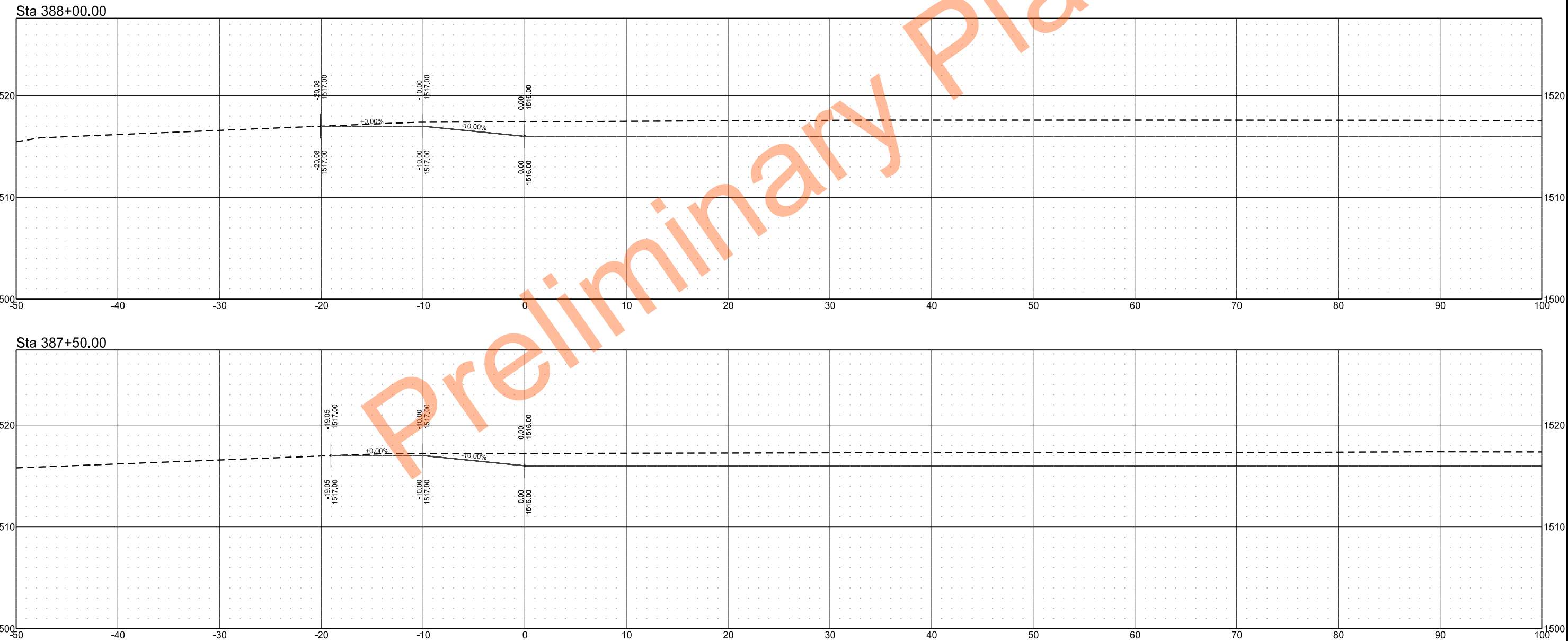
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	65

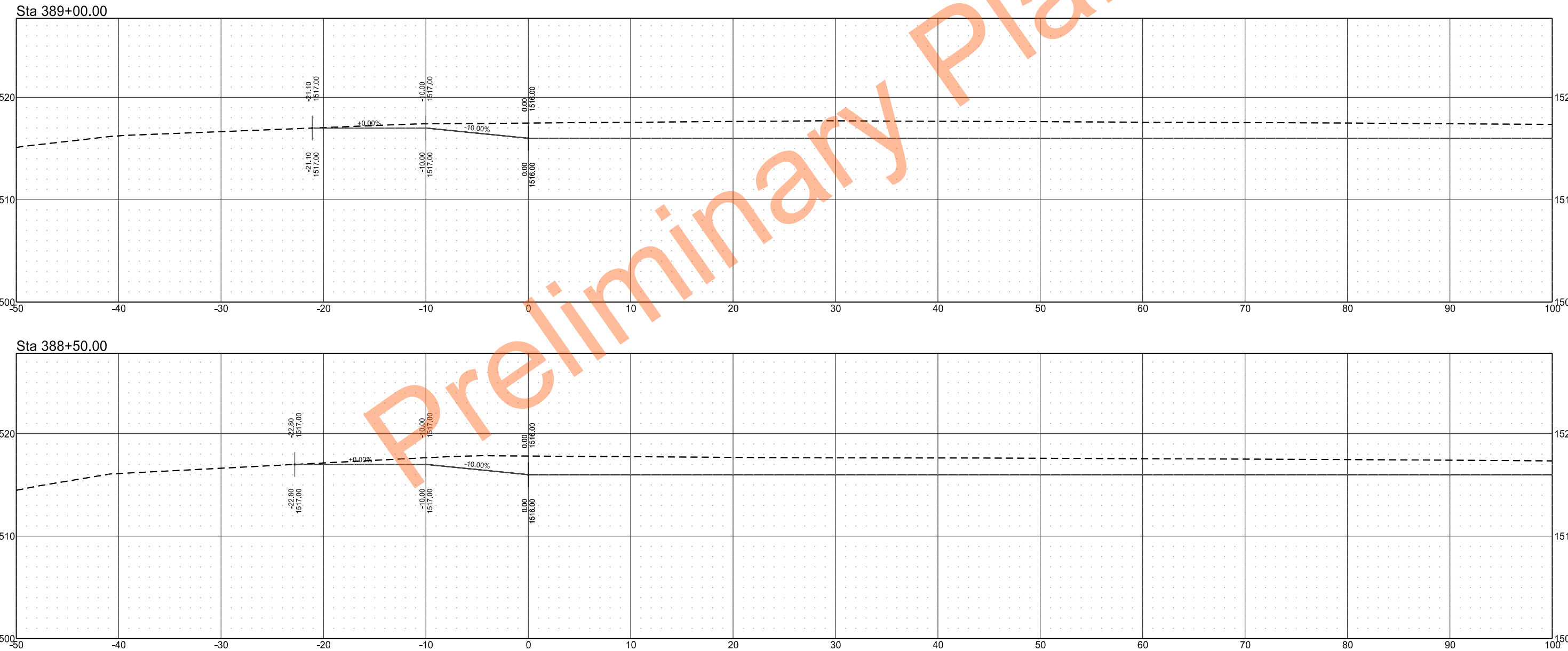
Sta 387+00.00

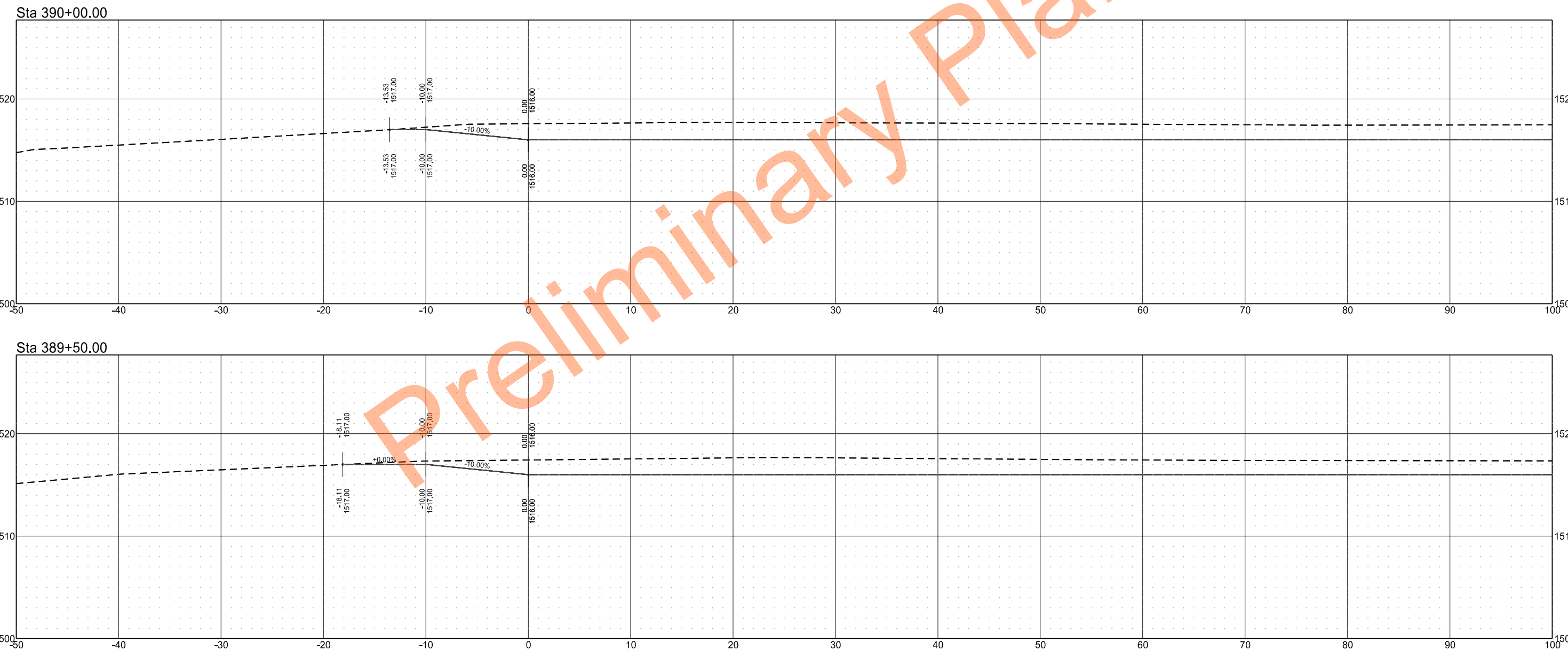


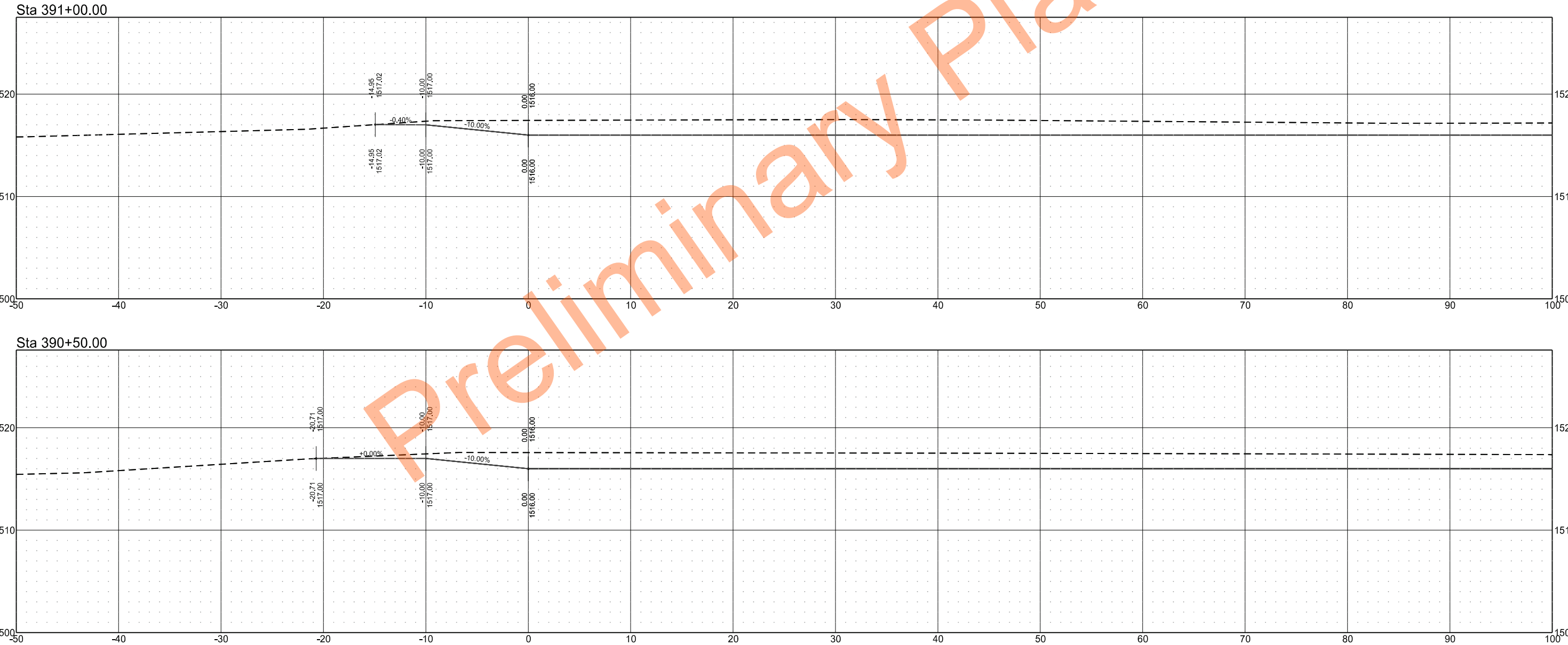
Sta 386+50.00

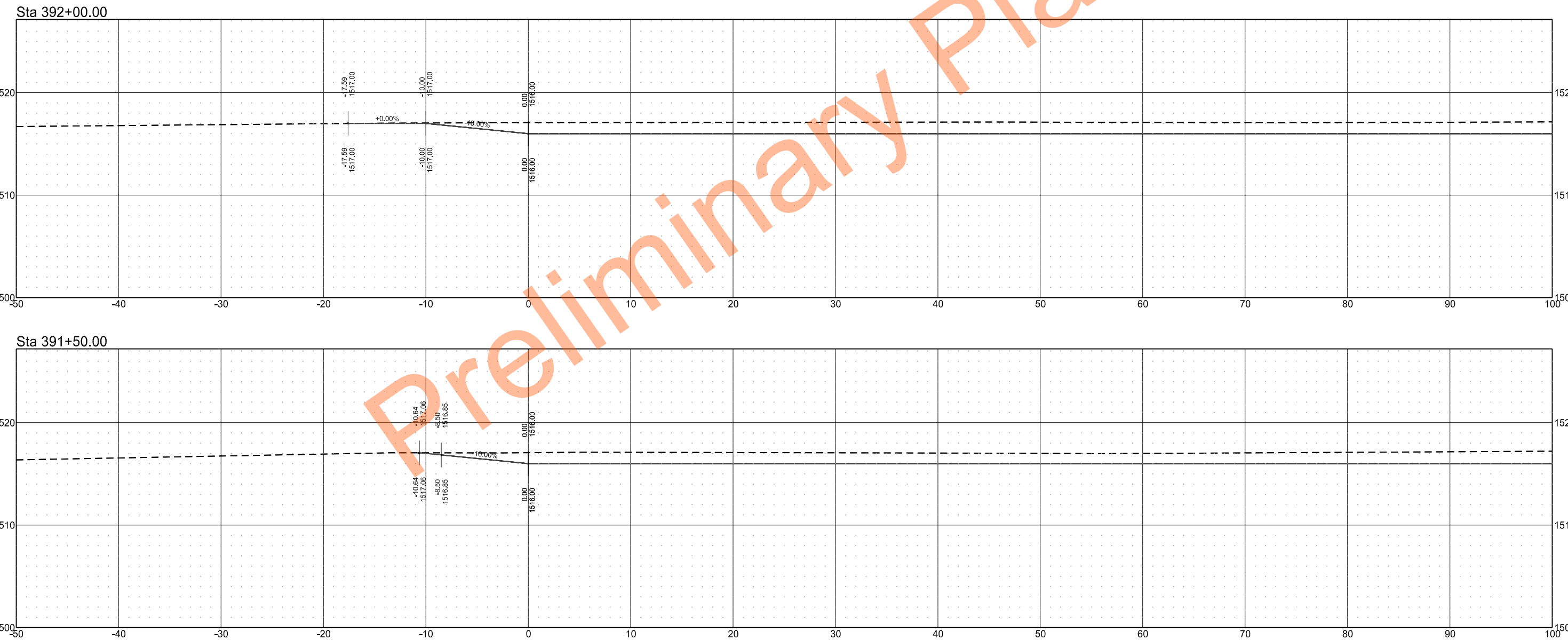


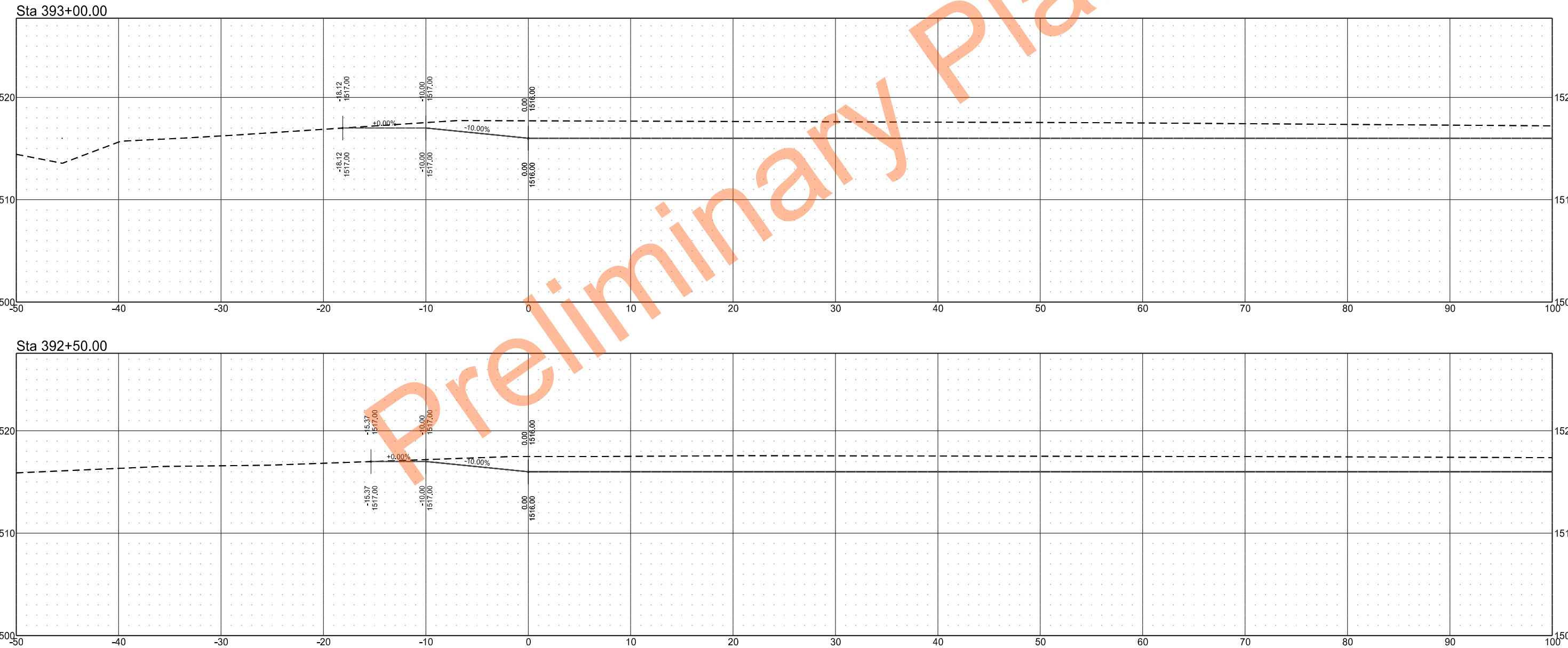






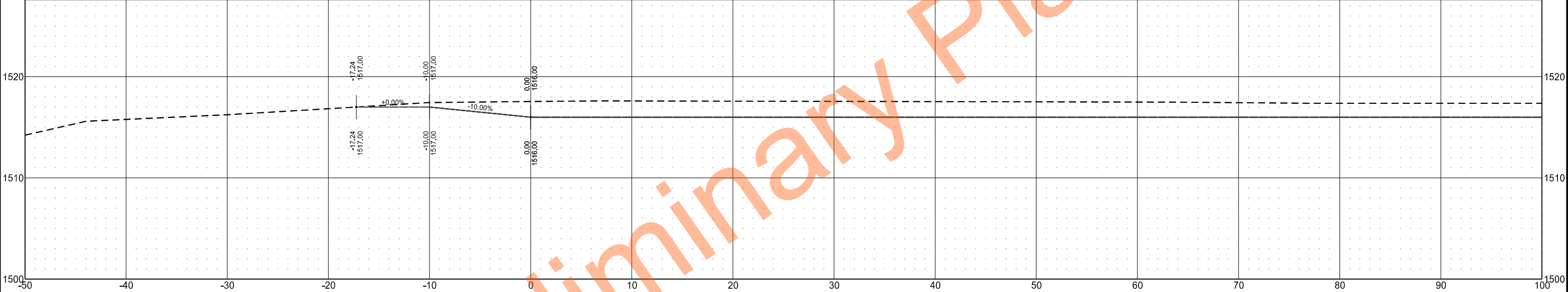




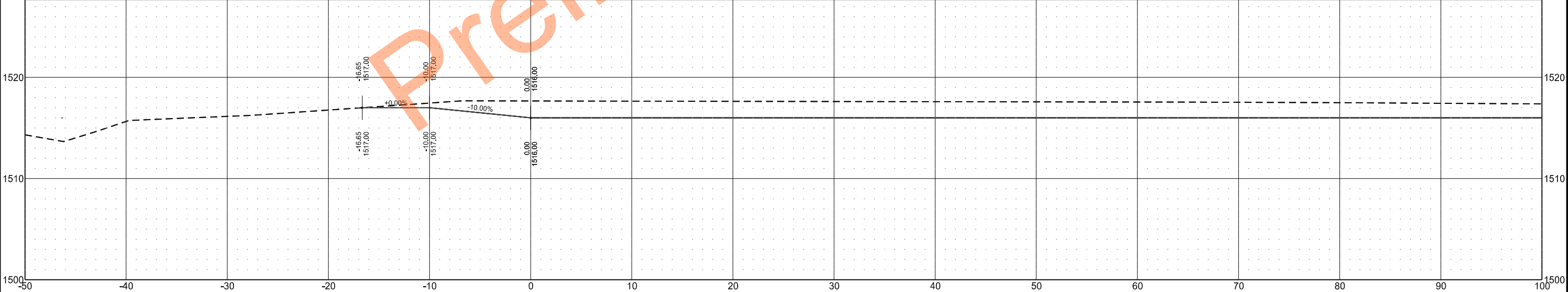


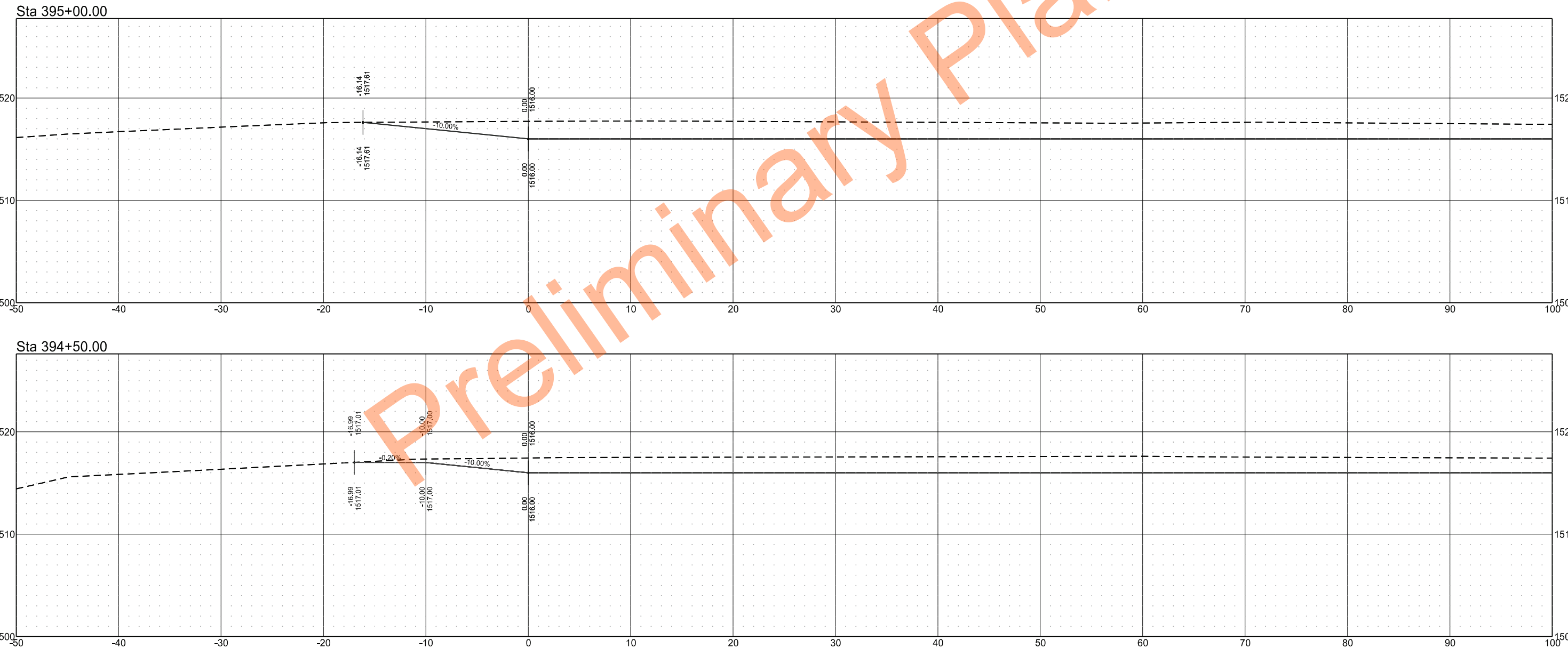
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	72

Sta 394+00.00



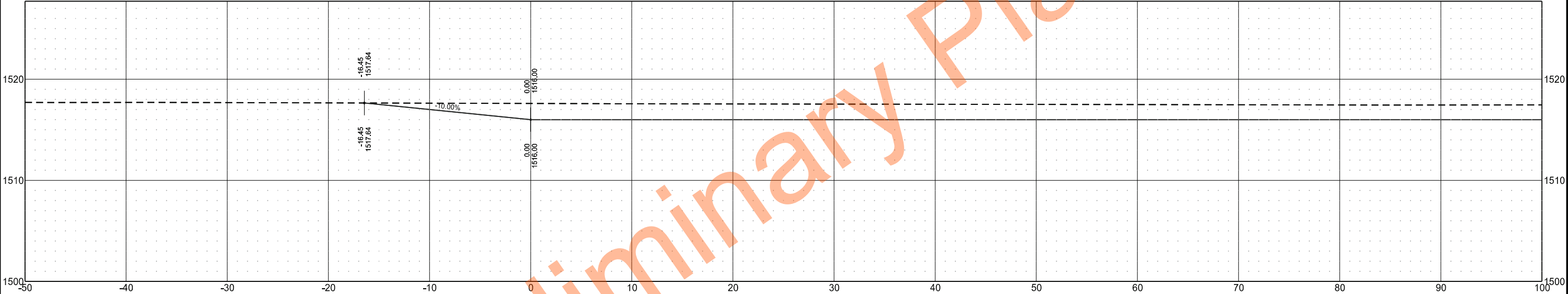
Sta 393+50.00



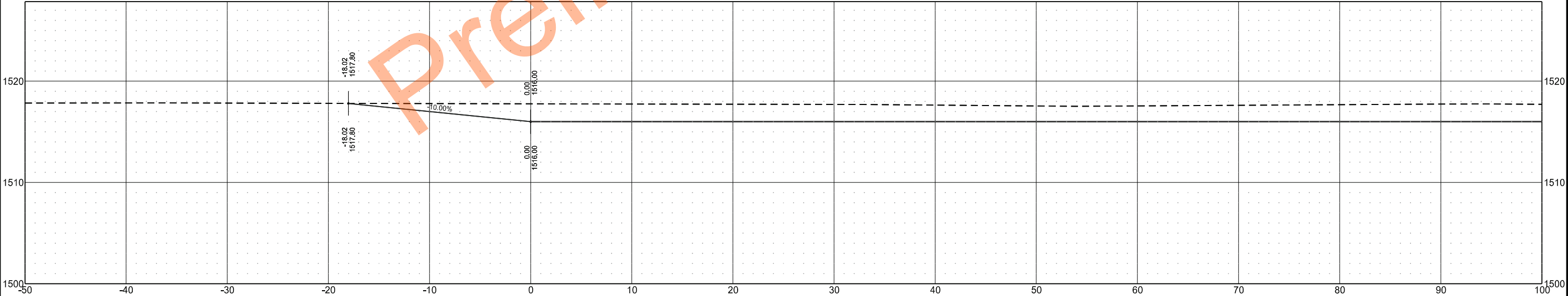


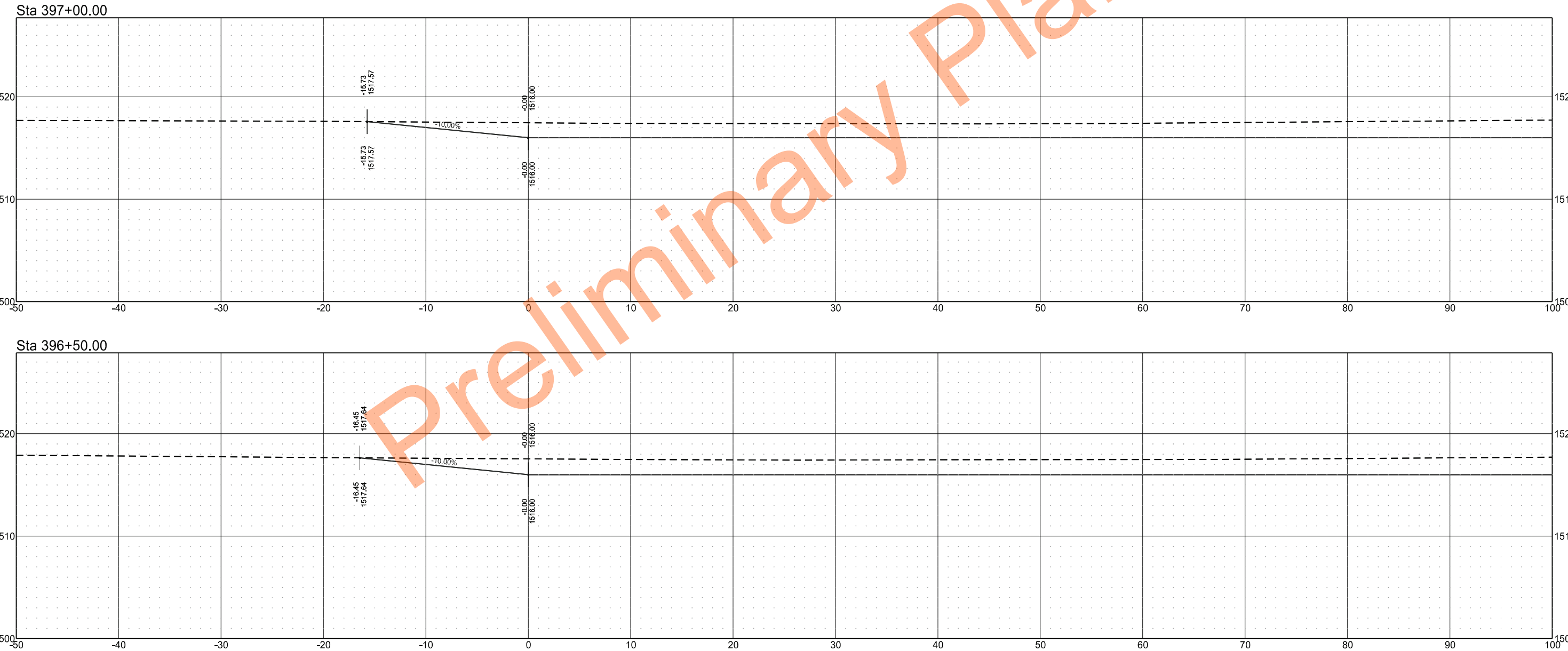
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	74

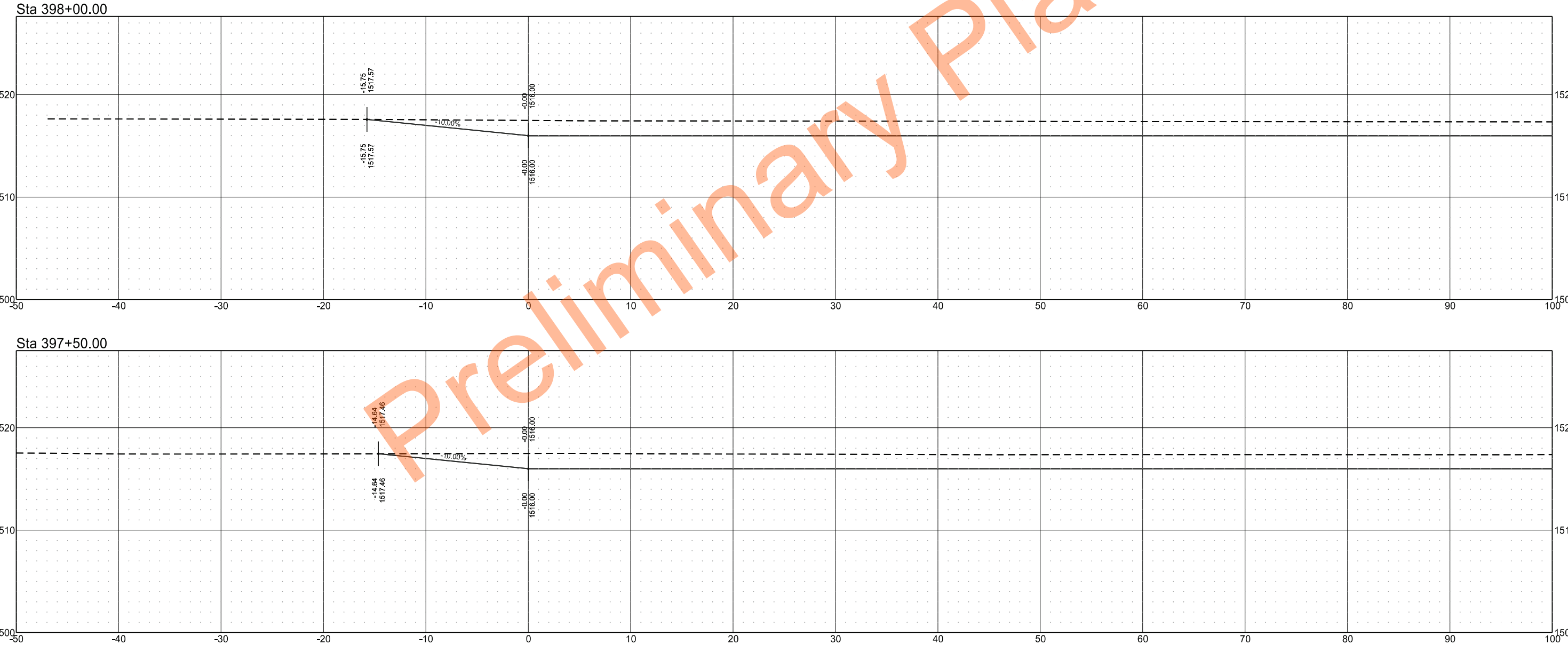
Sta 396+00.00

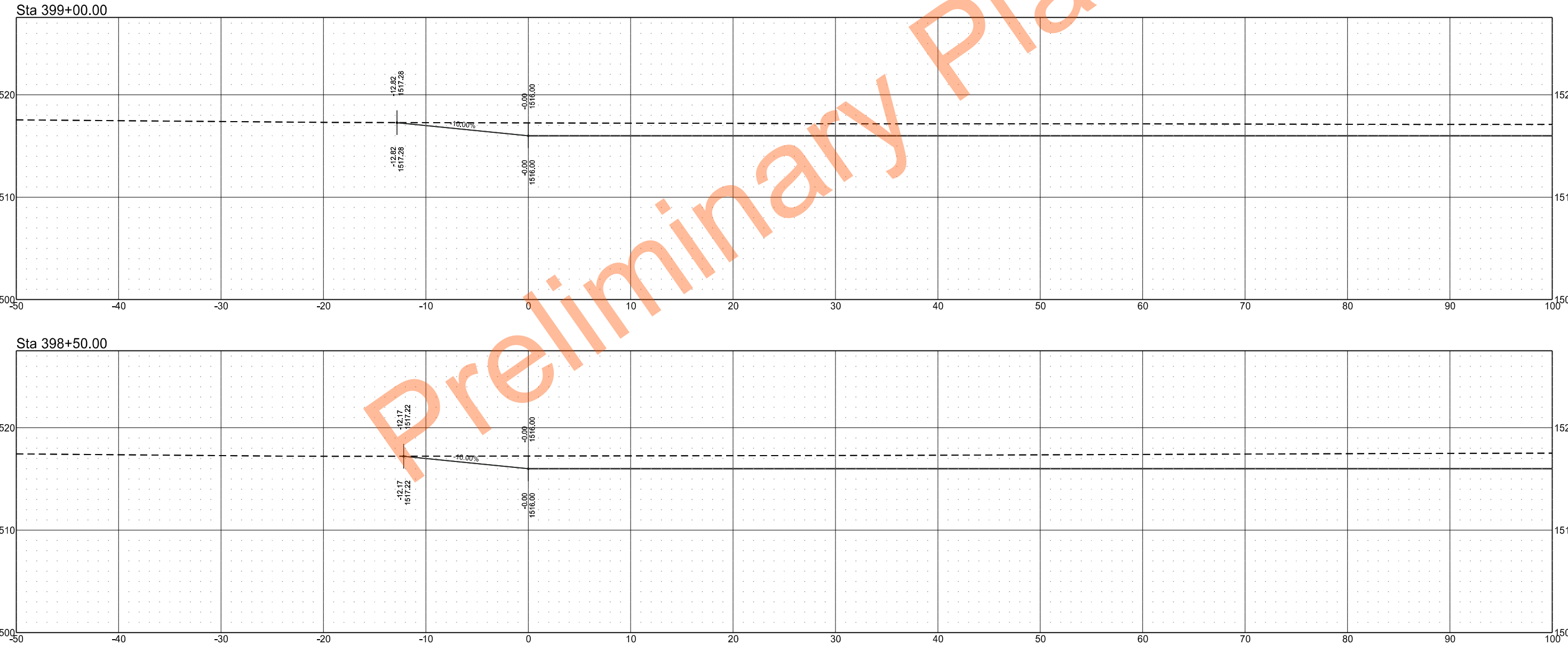


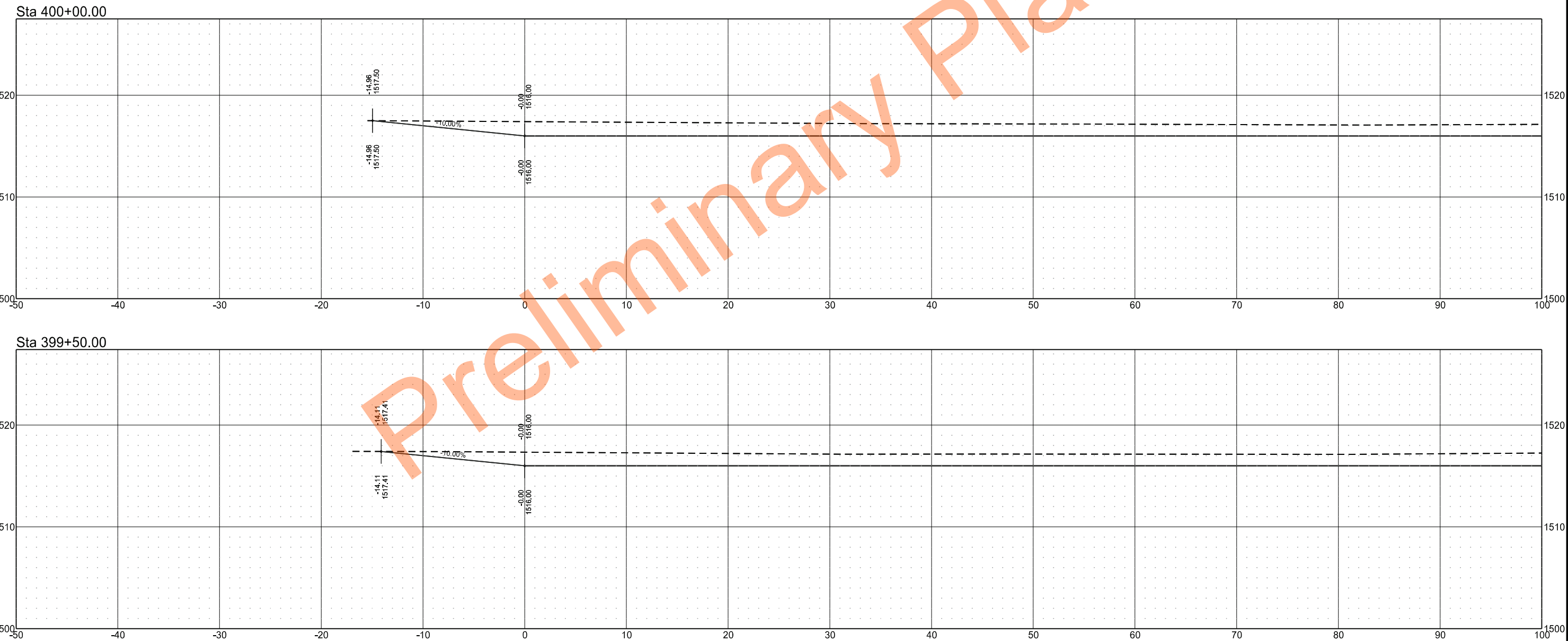
Sta 395+50.00

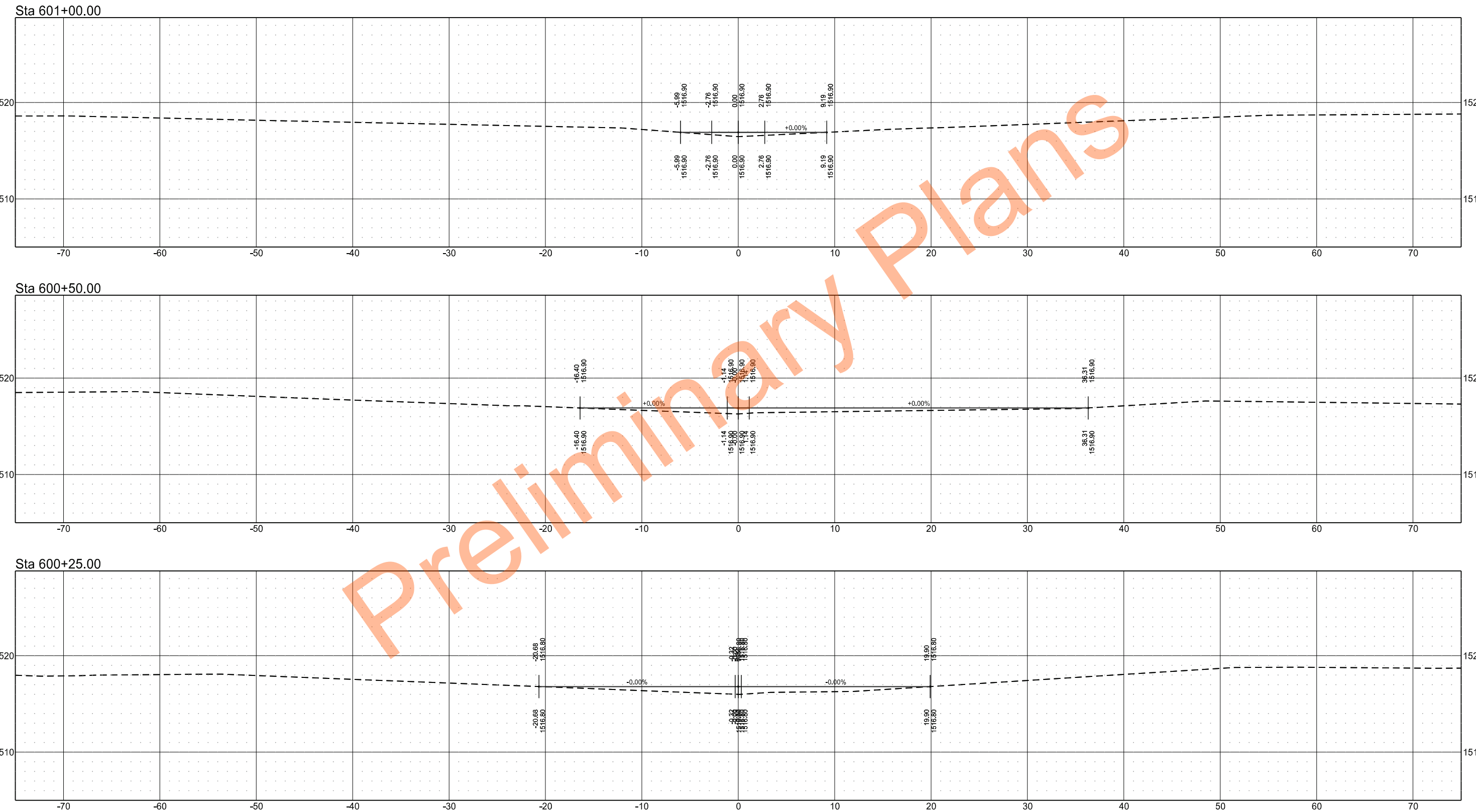


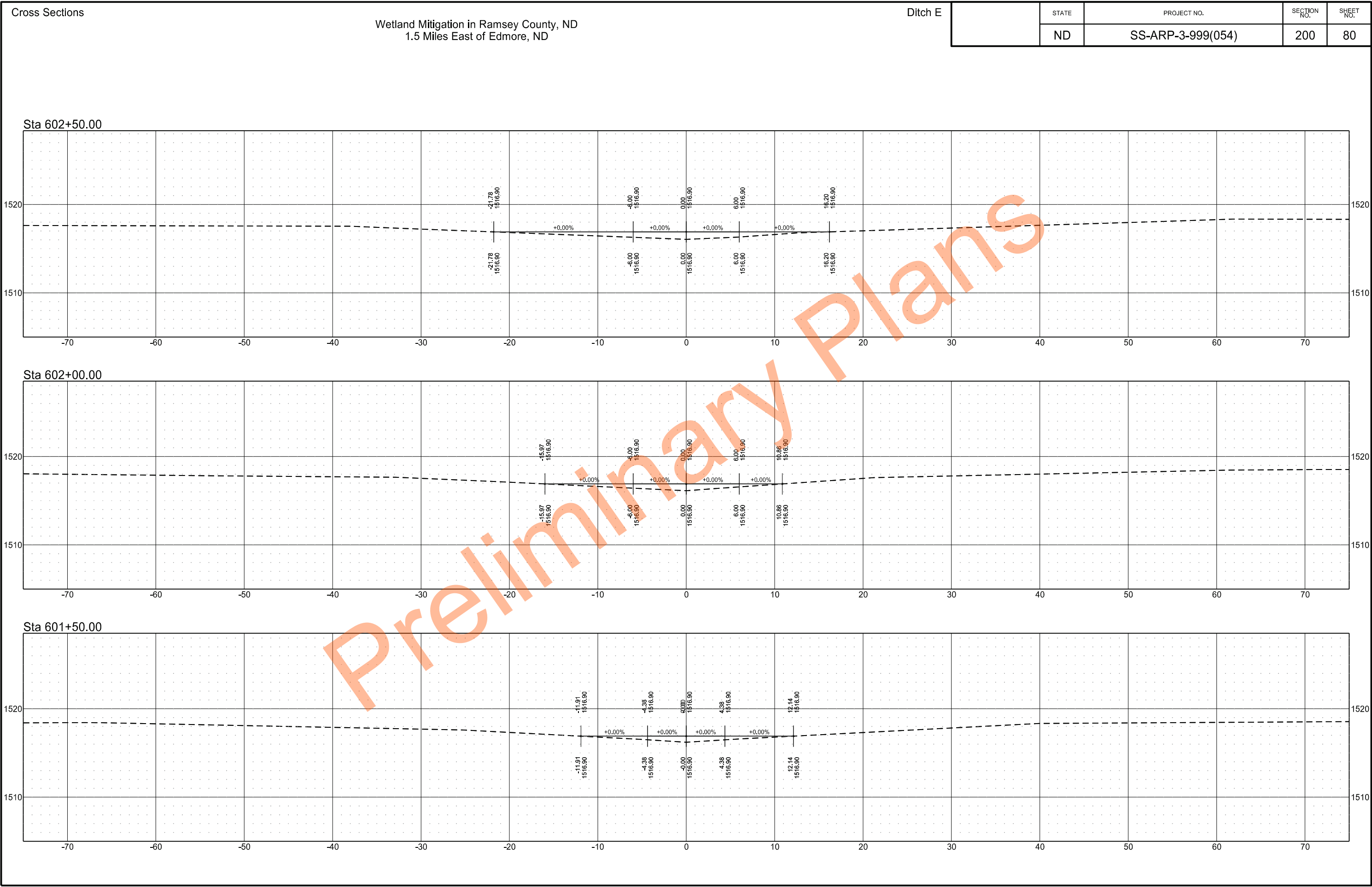


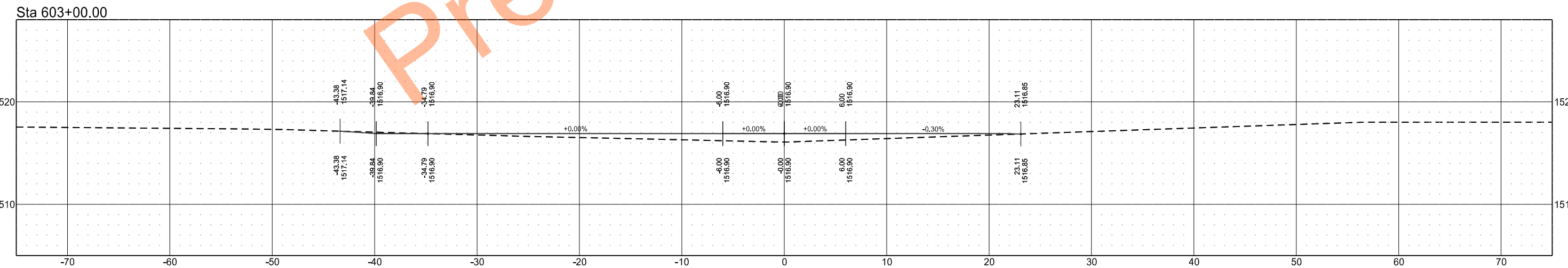
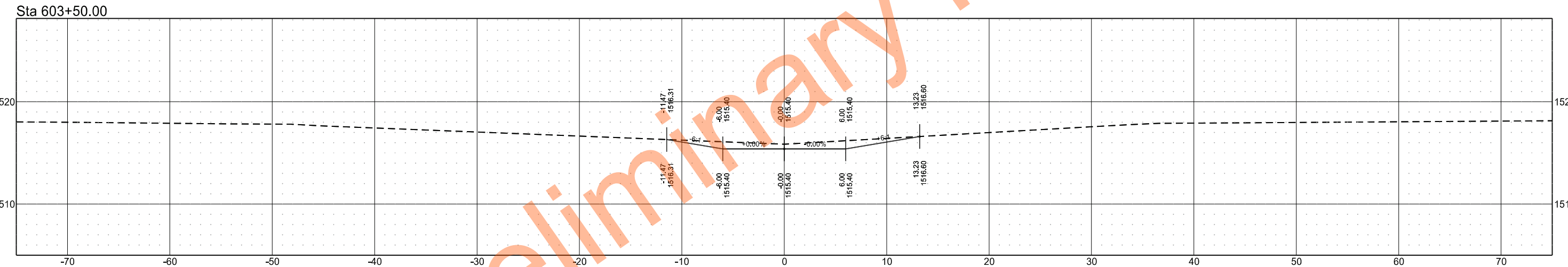
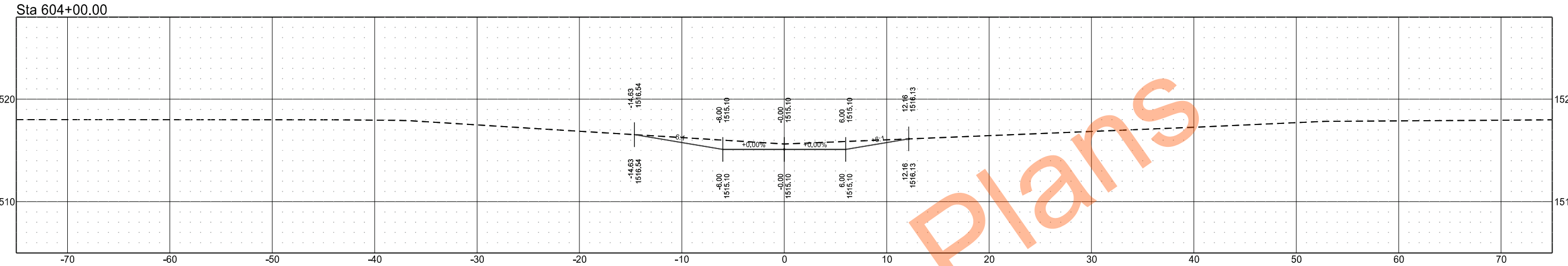


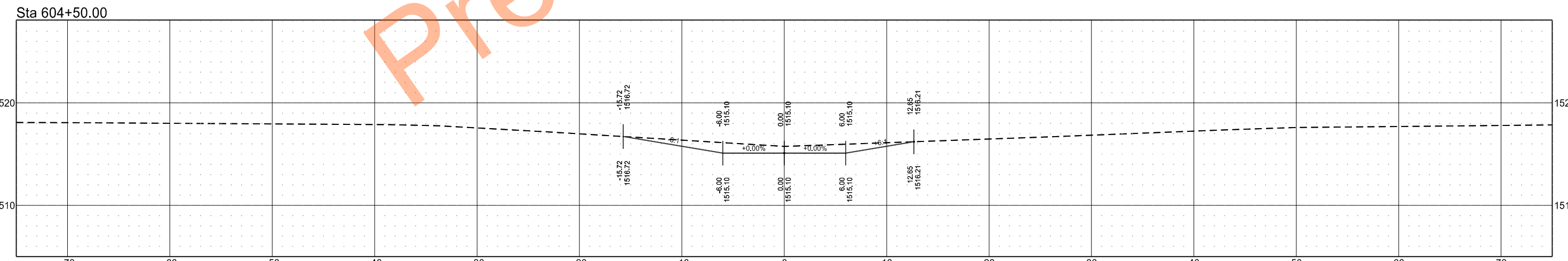
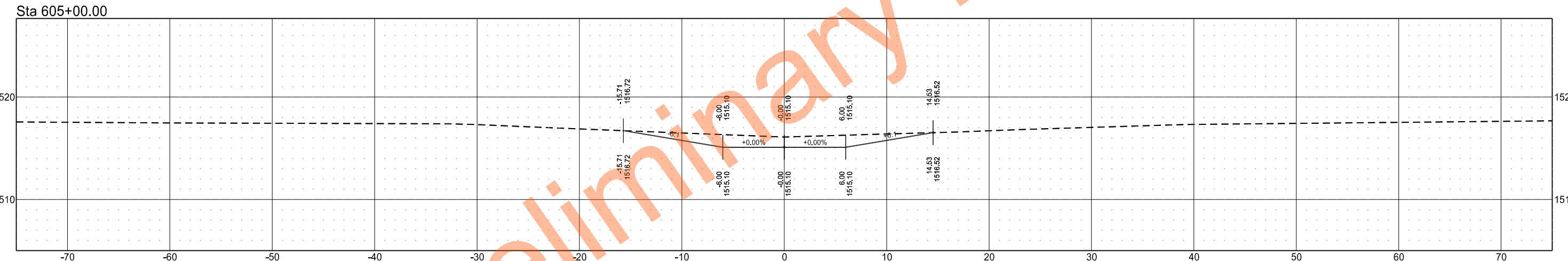
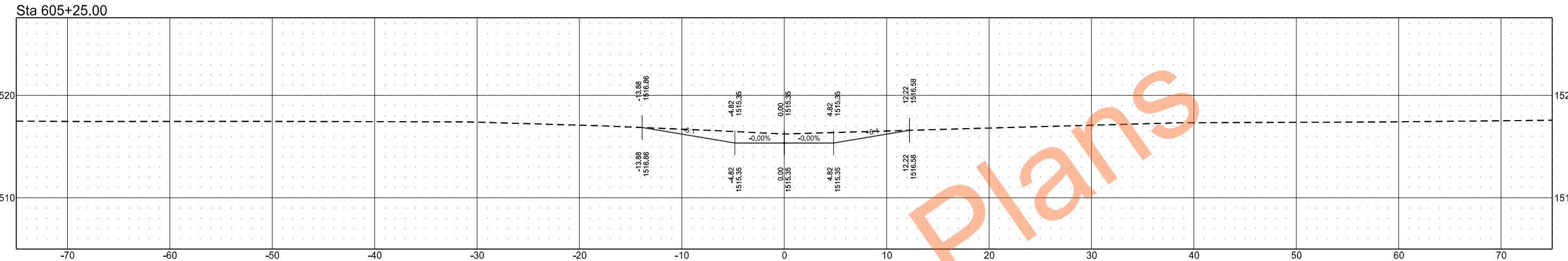






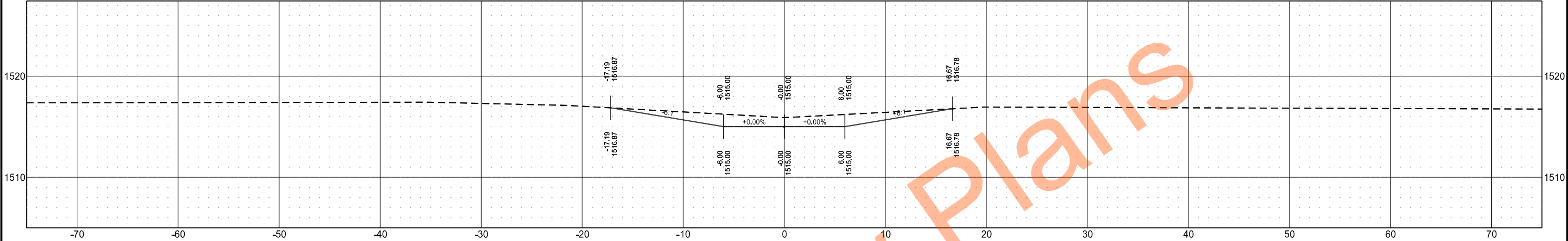




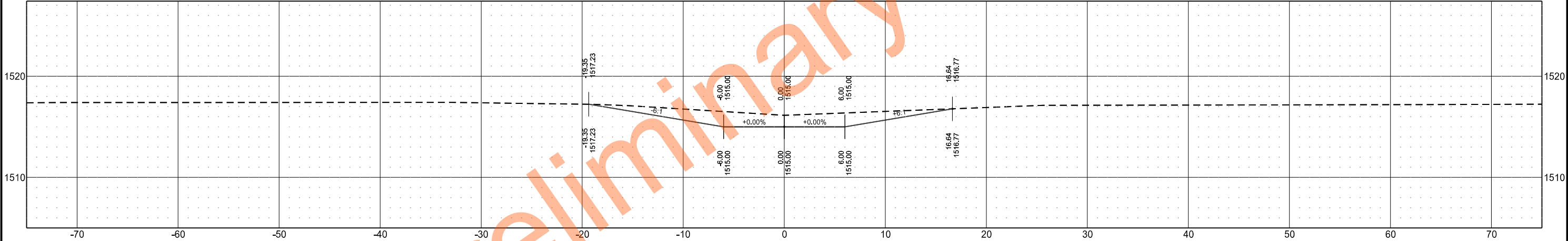


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	83

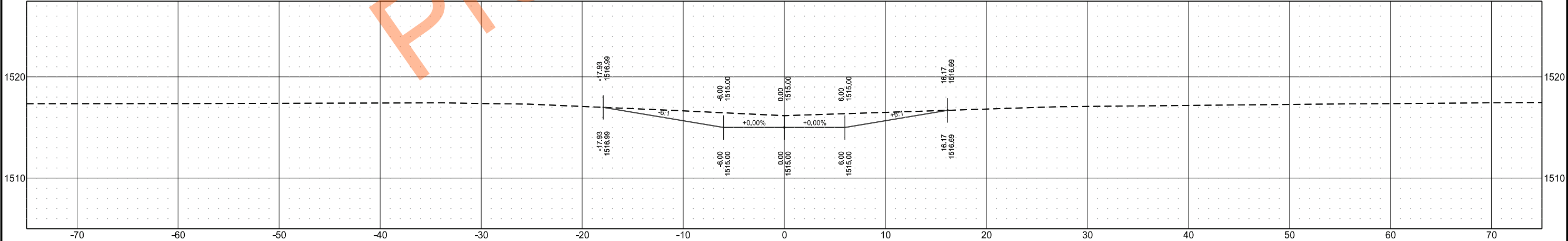
Sta 610+00.00



Sta 609+50.00

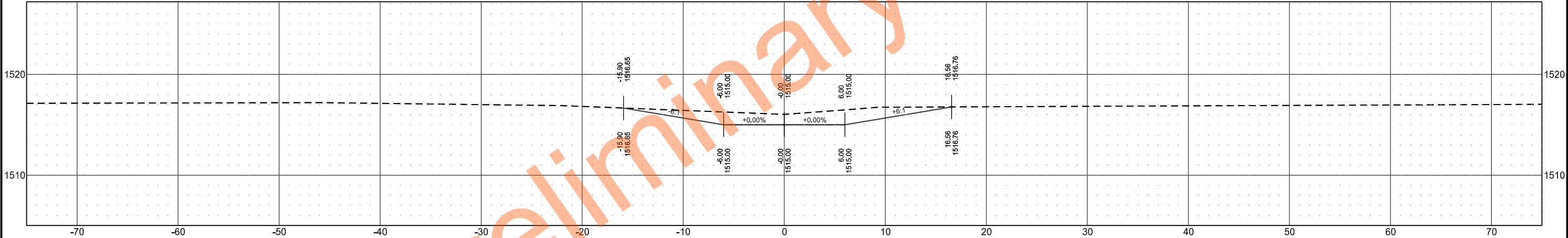


Sta 609+25.00

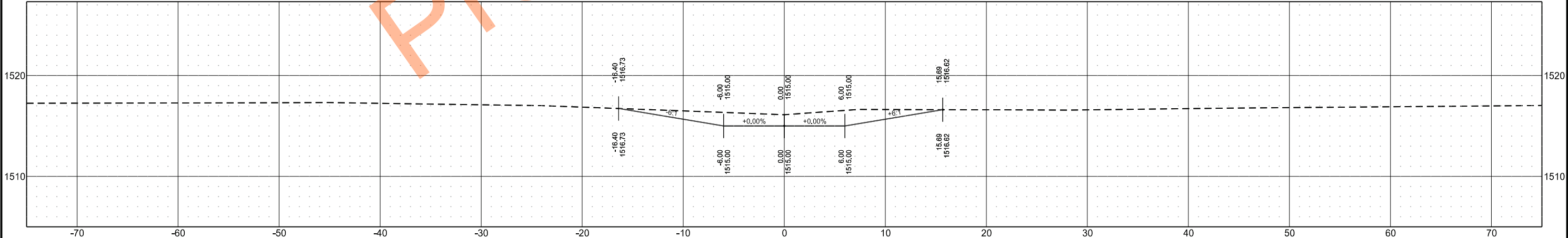


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	84

Sta 611+00.00

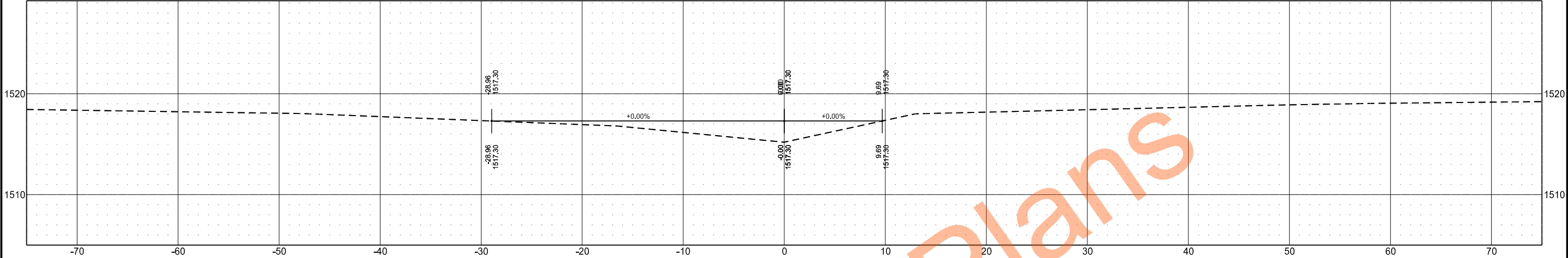


Sta 610+50.00

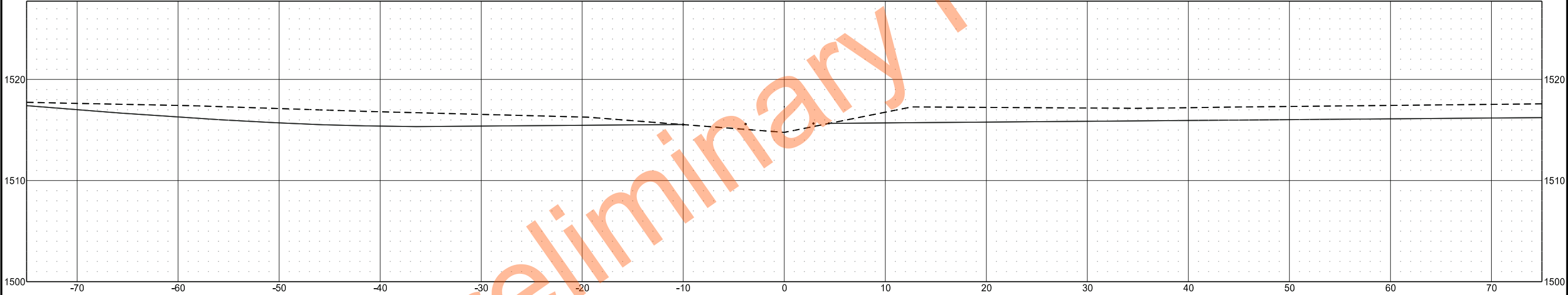


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	85

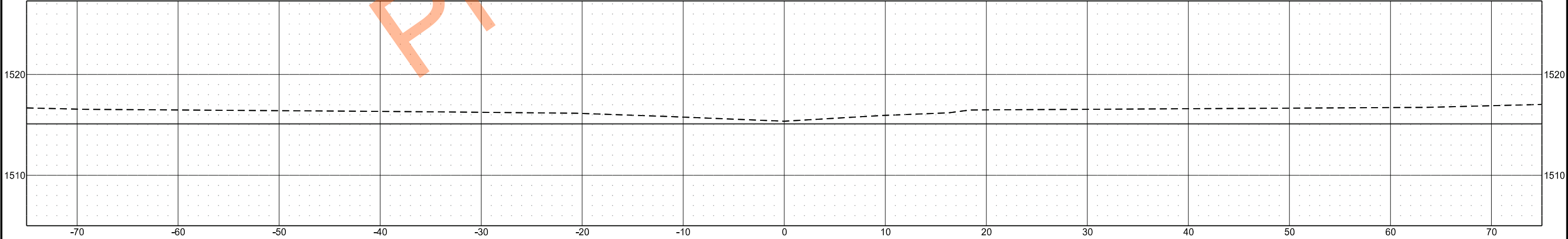
Sta 757+00.00



Sta 756+50.00

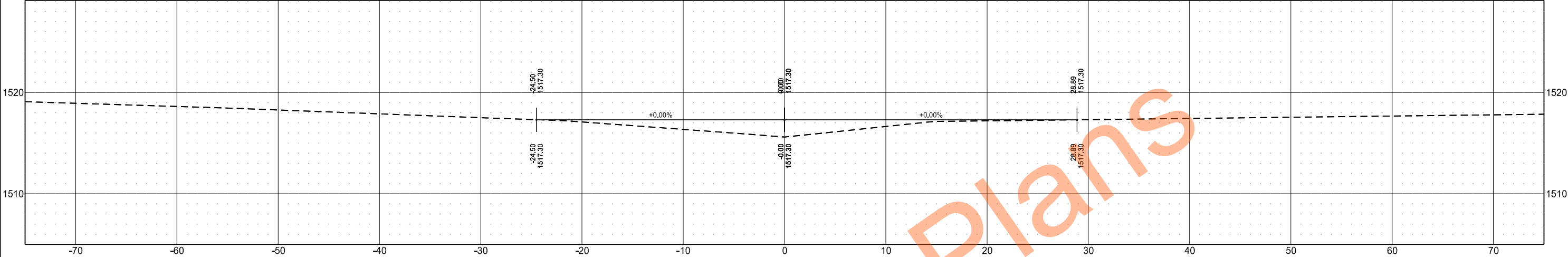


Sta 756+00.00

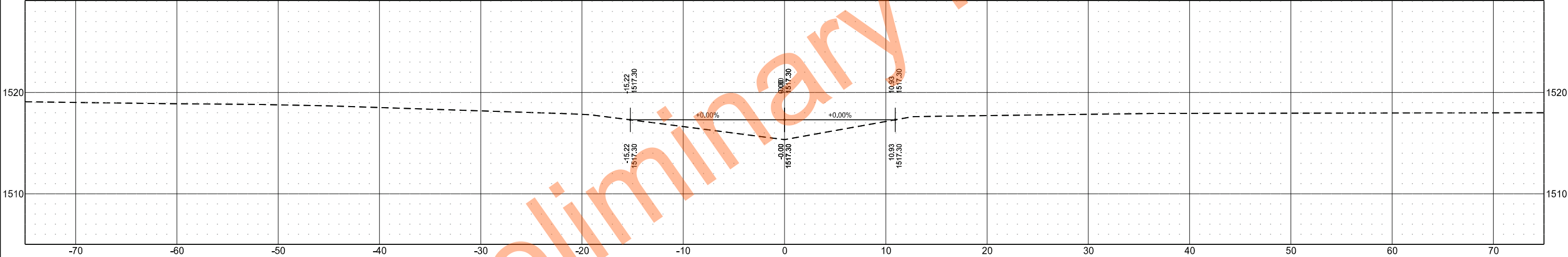


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	86

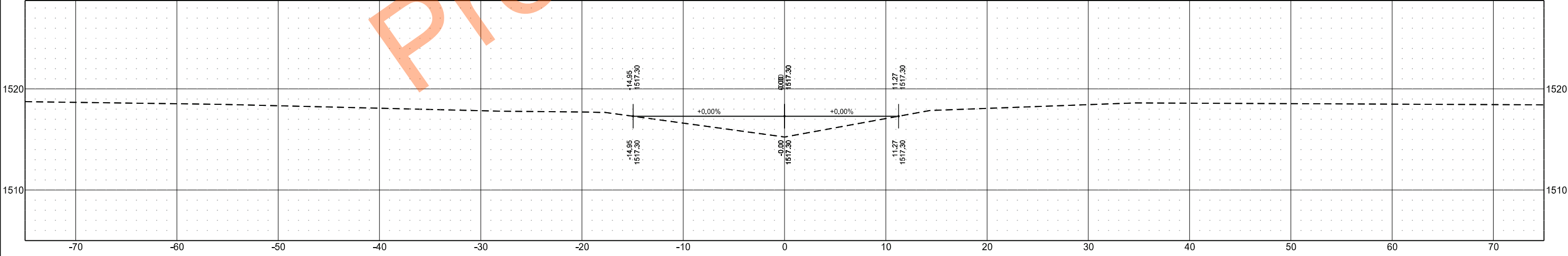
Sta 758+50.00



Sta 758+00.00

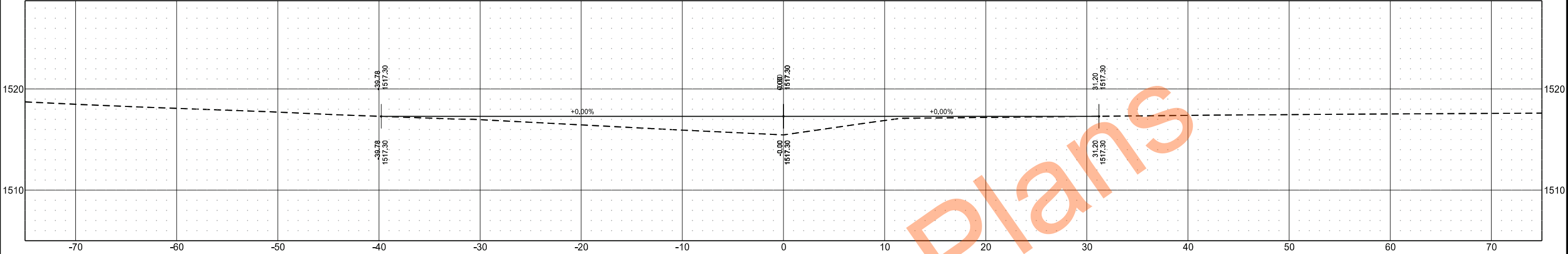


Sta 757+50.00

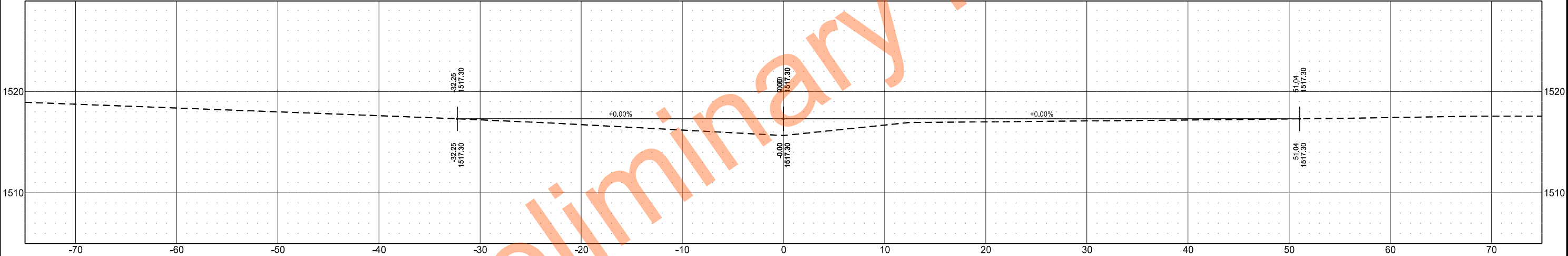


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	87

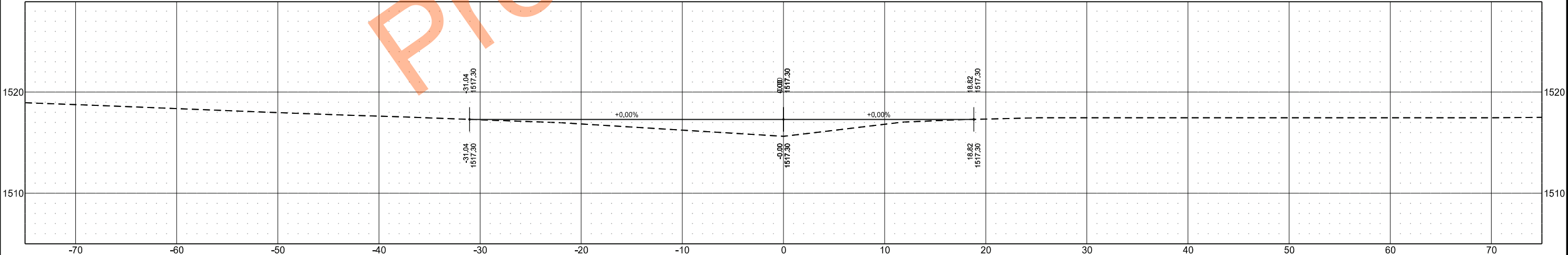
Sta 760+00.00



Sta 759+50.00

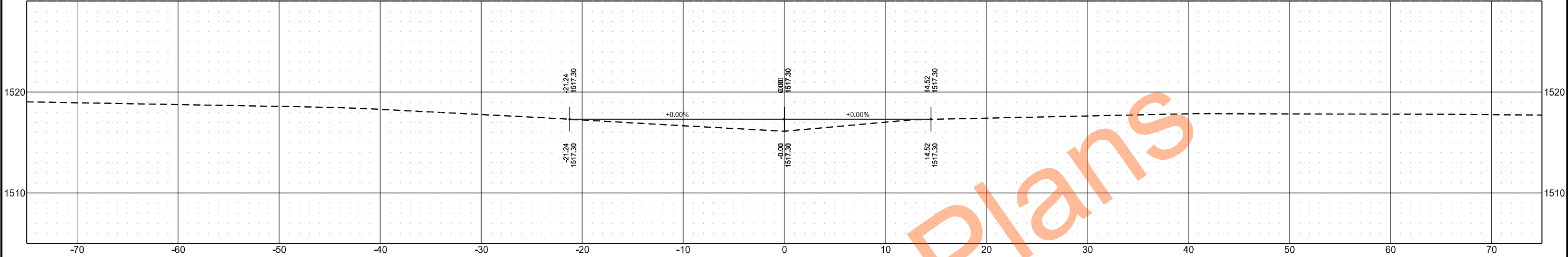


Sta 759+00.00

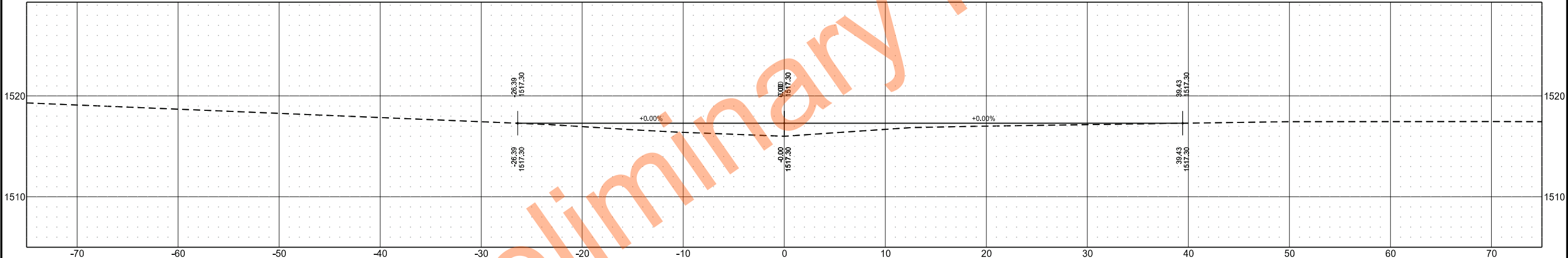


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	88

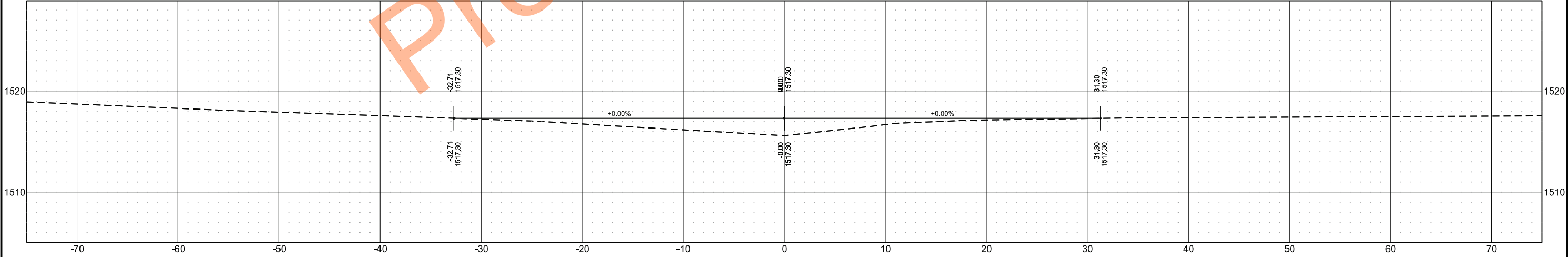
Sta 761+50.00

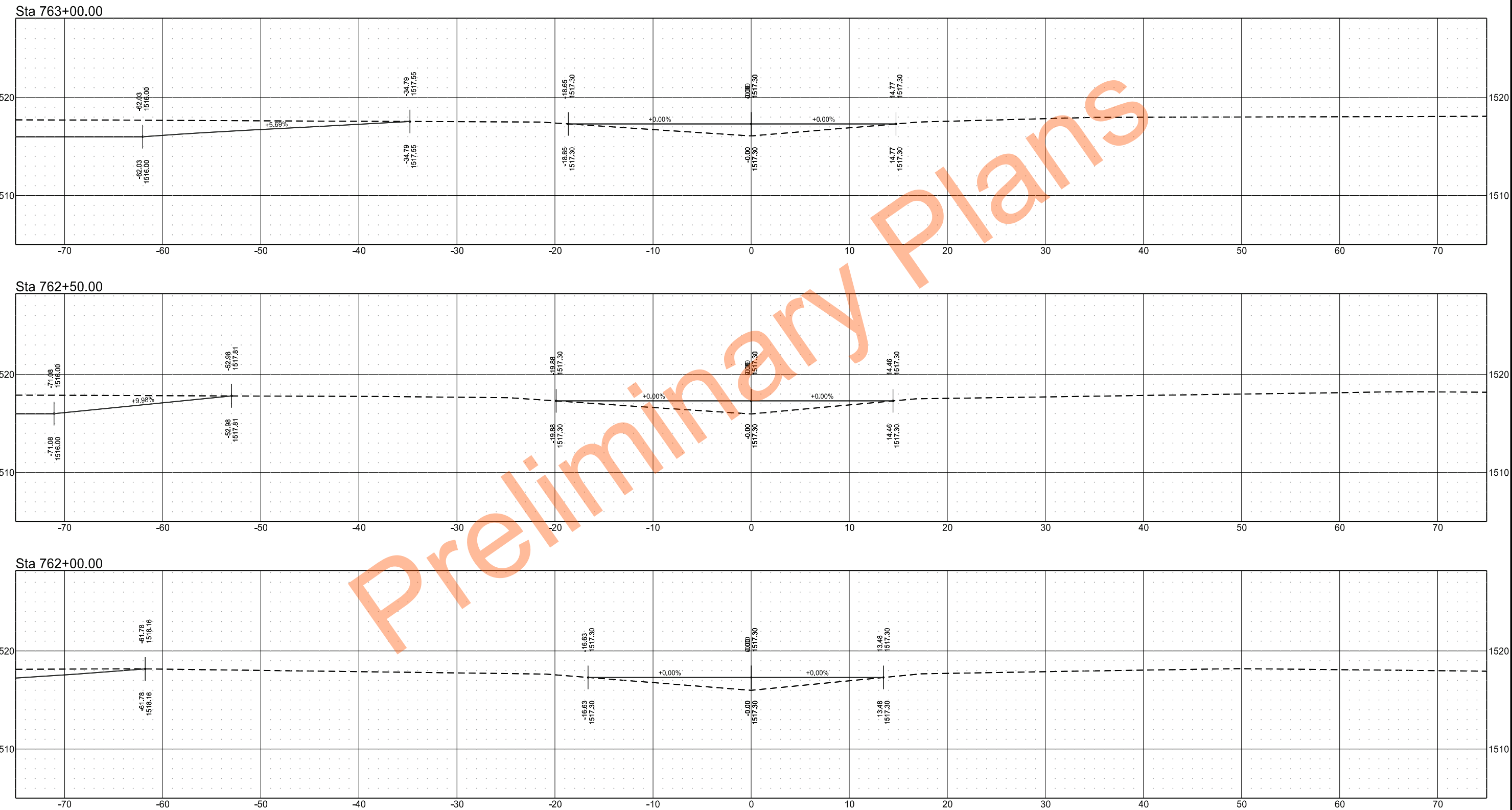


Sta 761+00.00



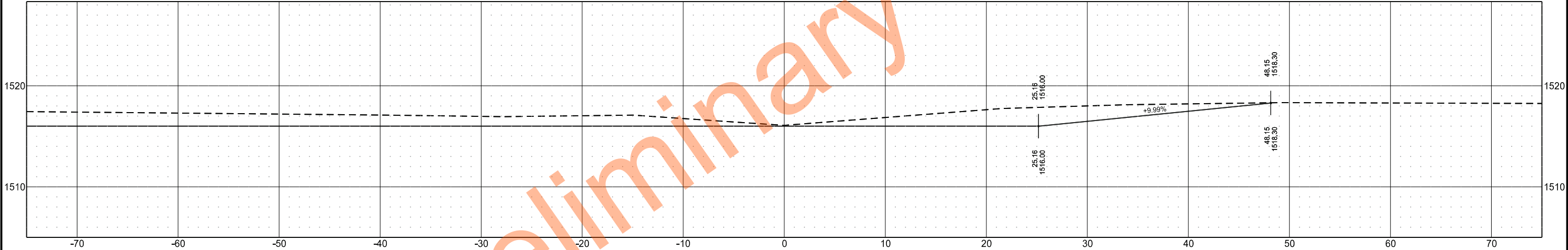
Sta 760+50.00



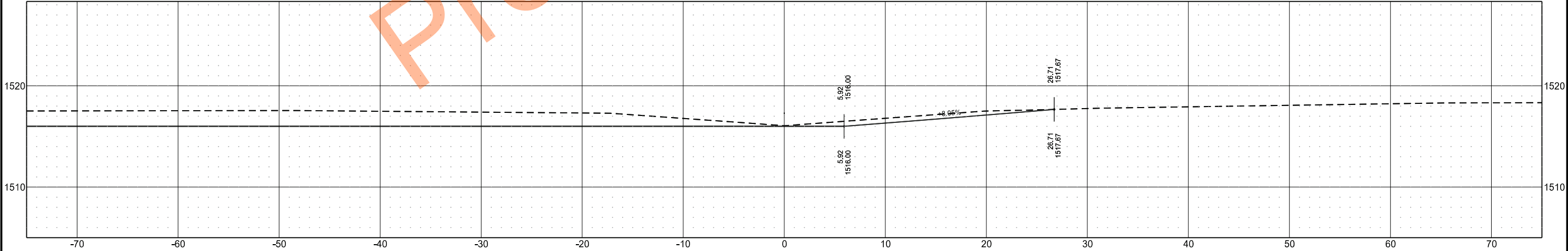


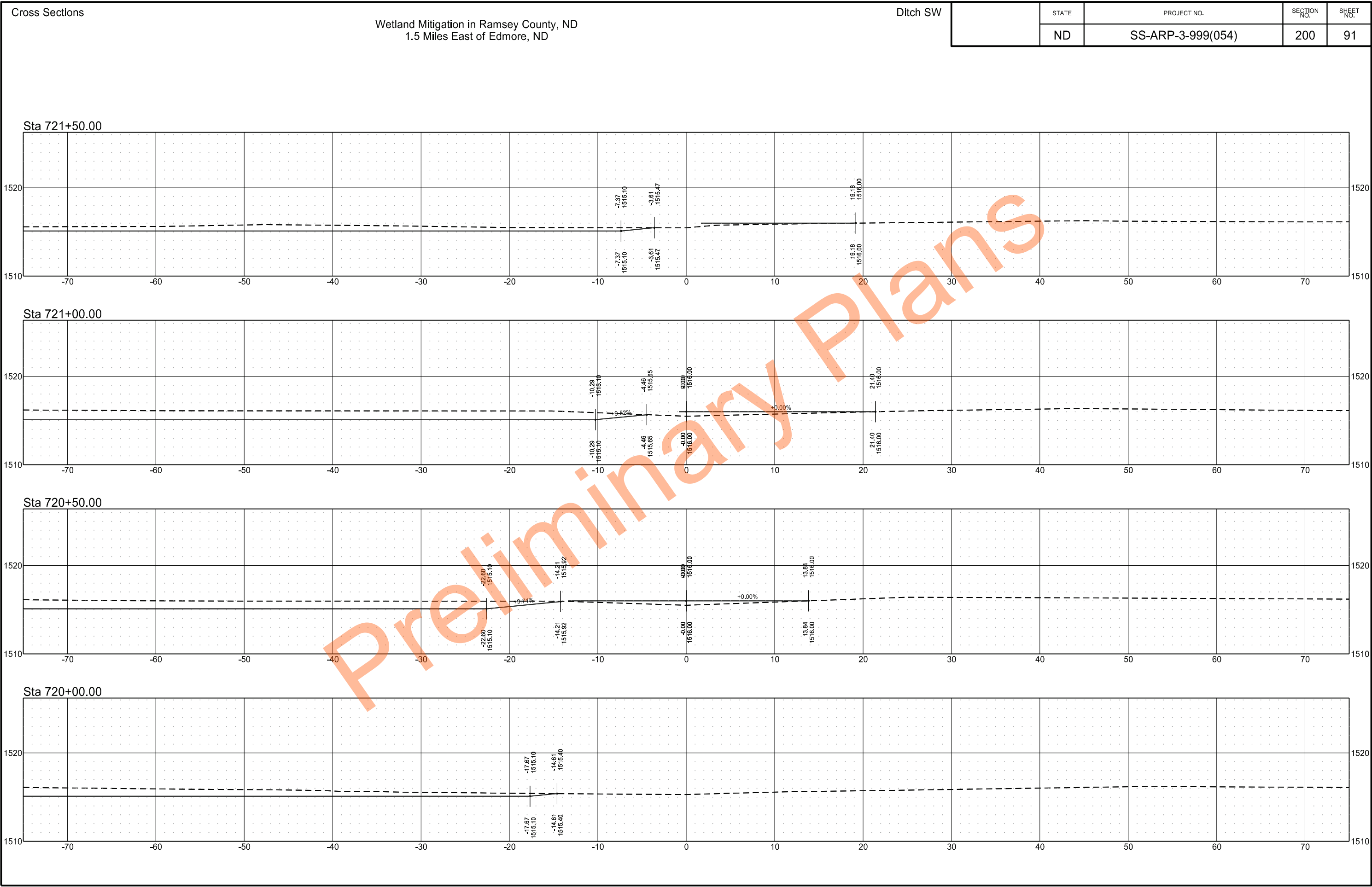
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	90

Sta 764+00.00



Sta 763+50.00





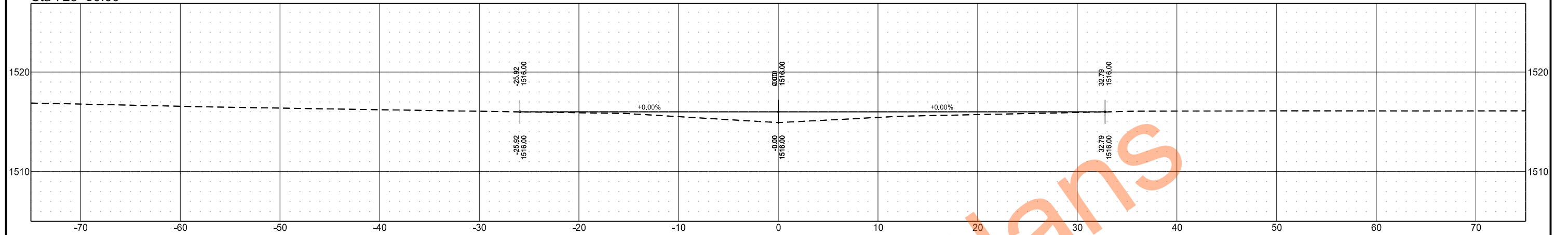
Cross Sections

Wetland Mitigation in Ramsey County, ND
1.5 Miles East of Edmore, ND

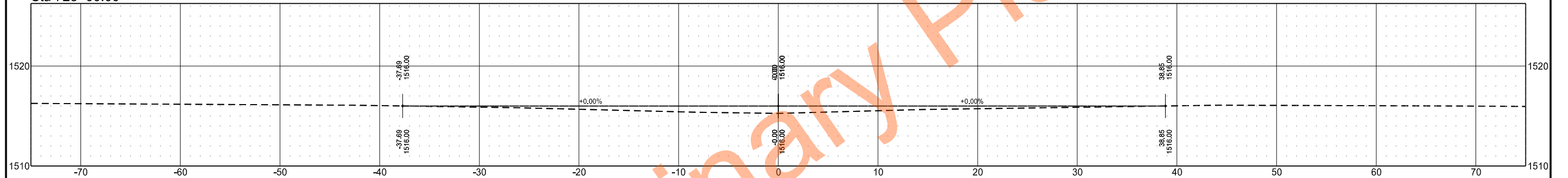
Ditch SW

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	92

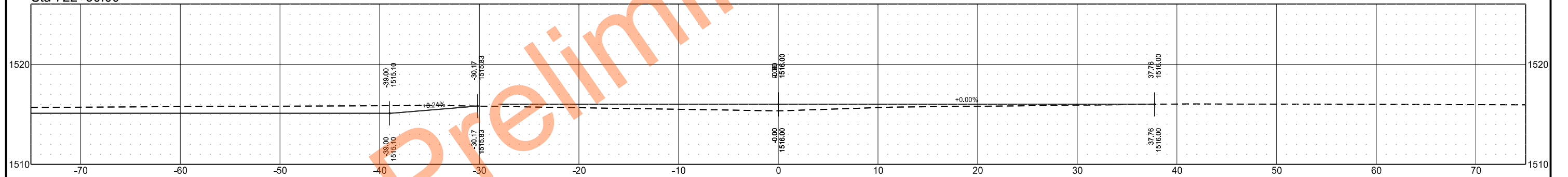
Sta 723+50.00



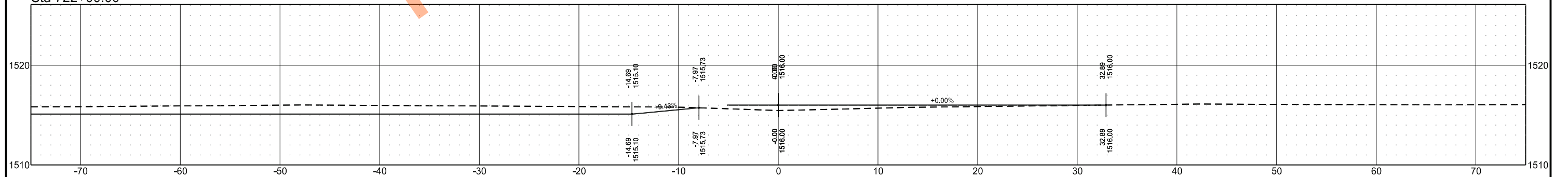
Sta 723+00.00

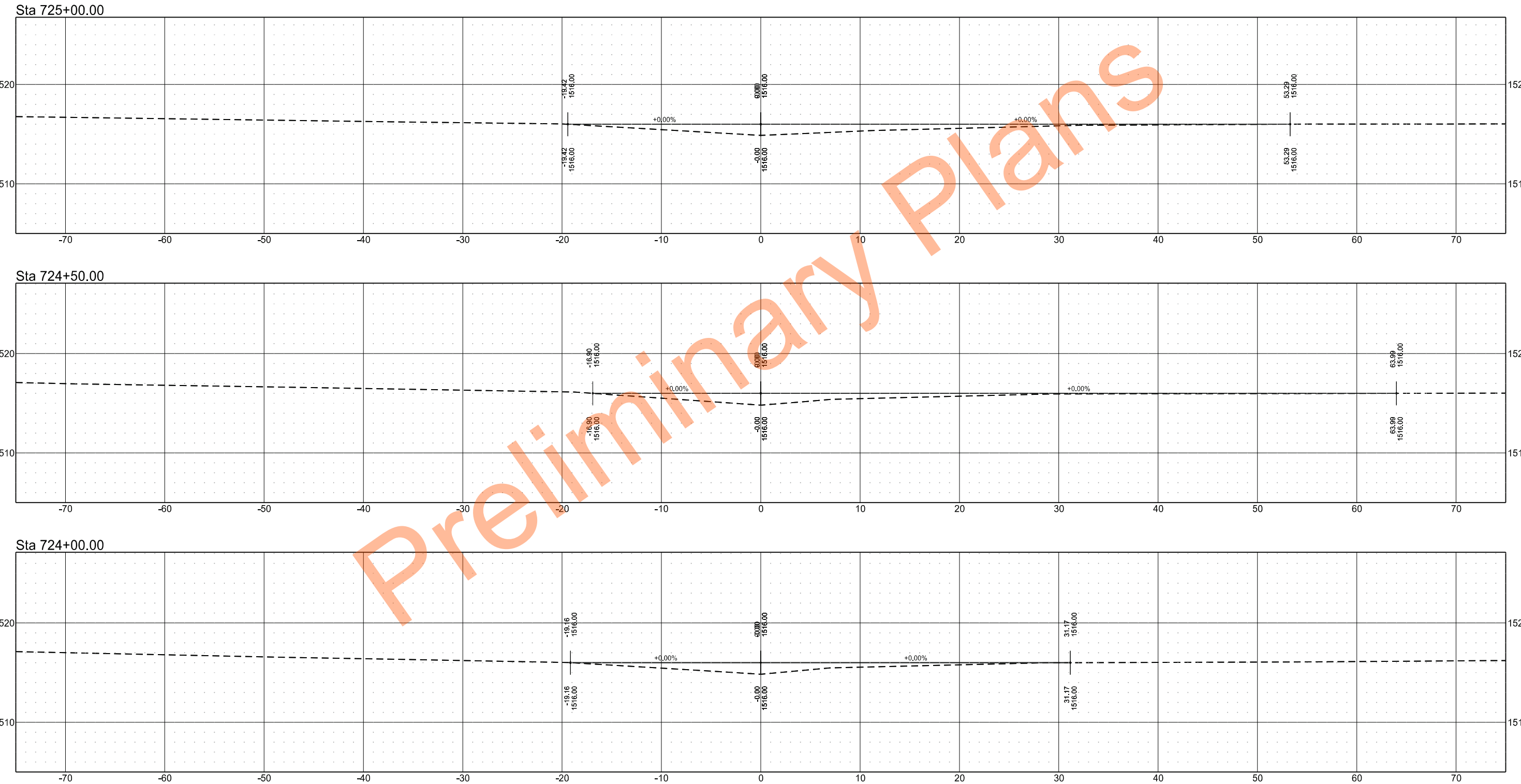


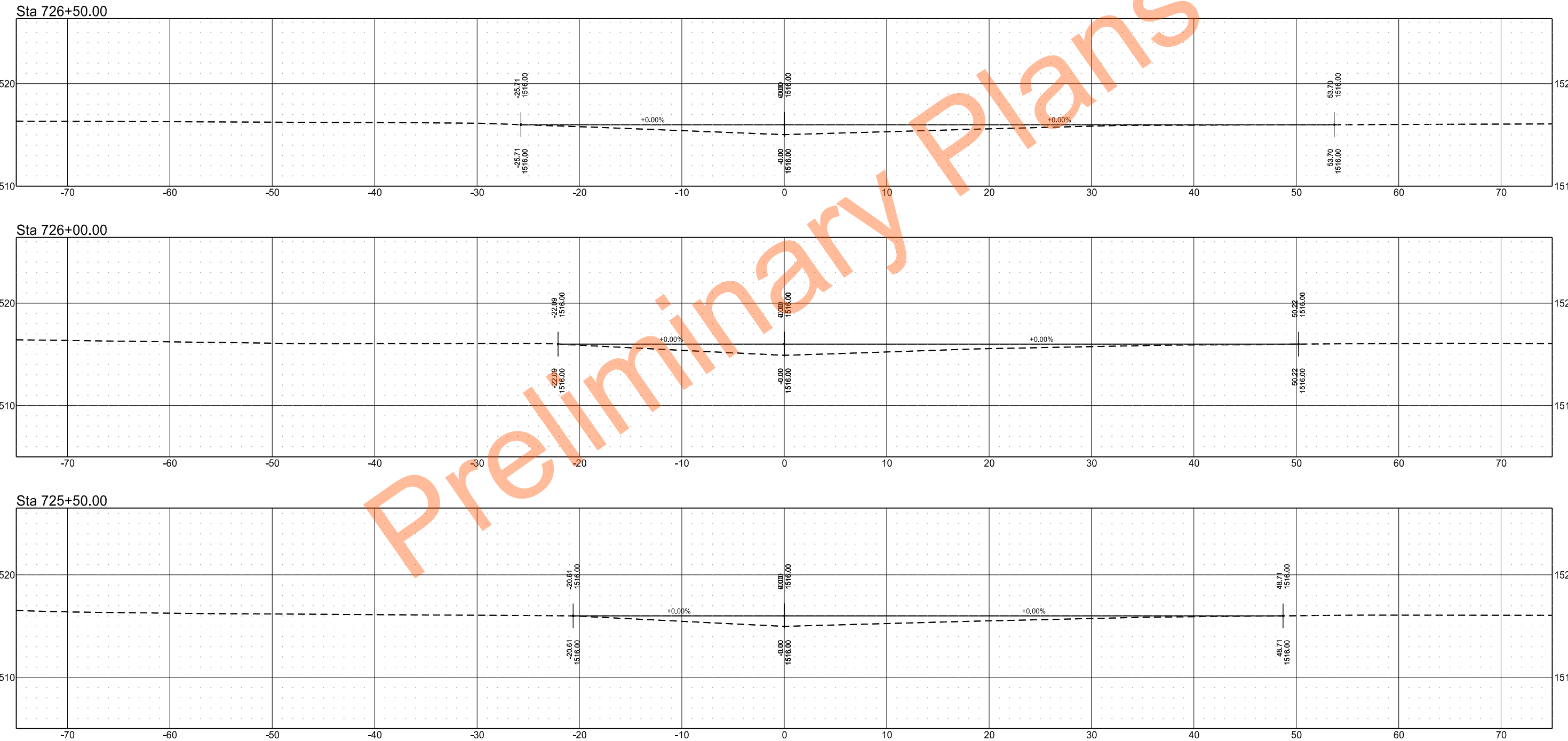
Sta 722+50.00

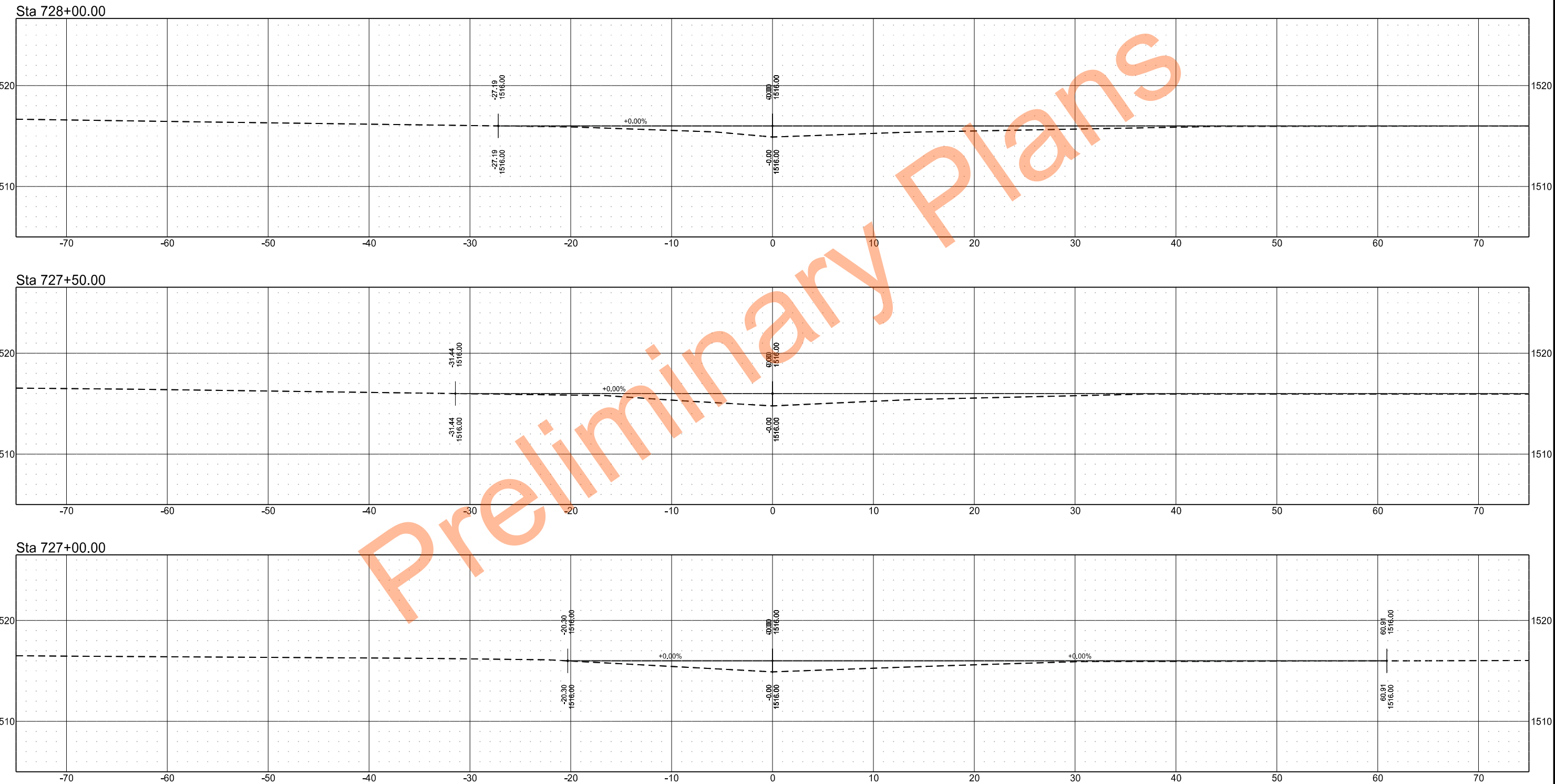


Sta 722+00.00



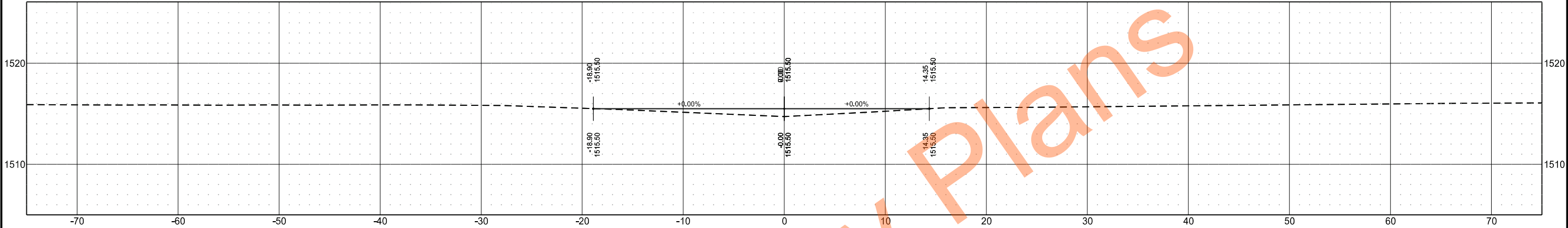




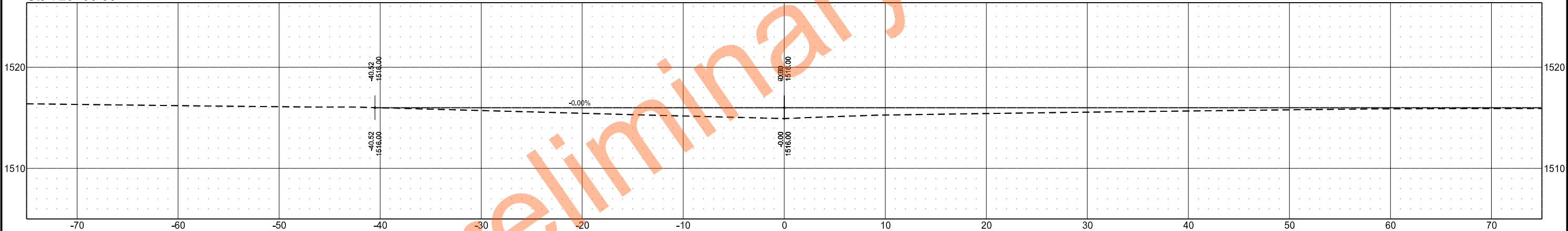


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	96

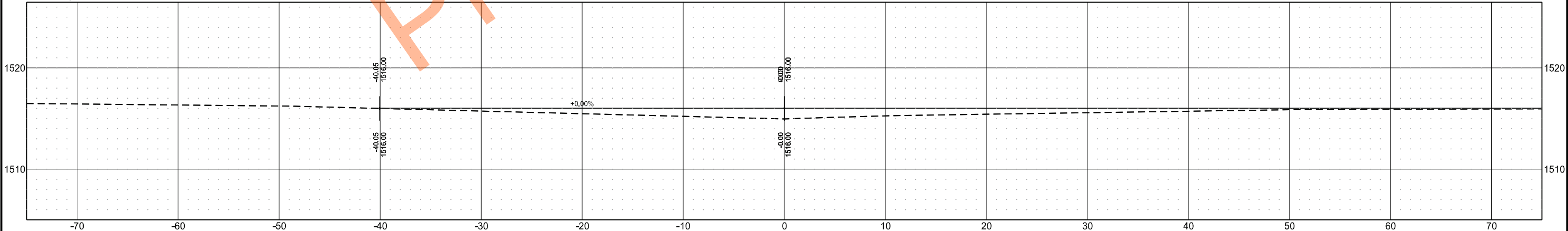
Sta 729+50.00



Sta 729+00.00

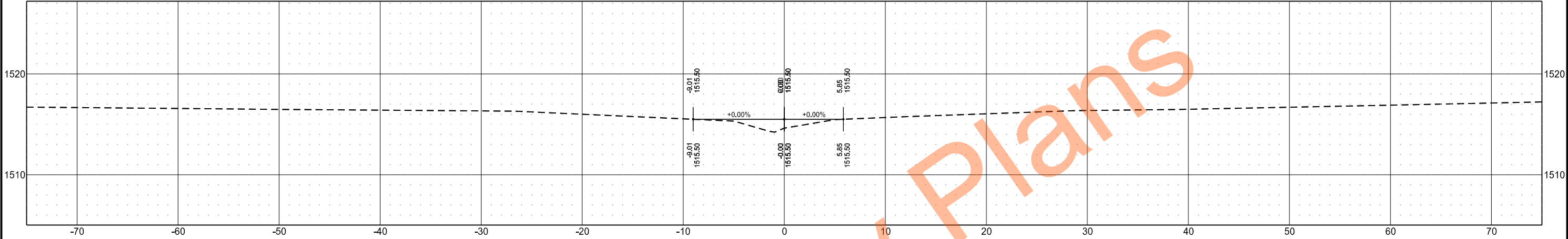


Sta 728+50.00

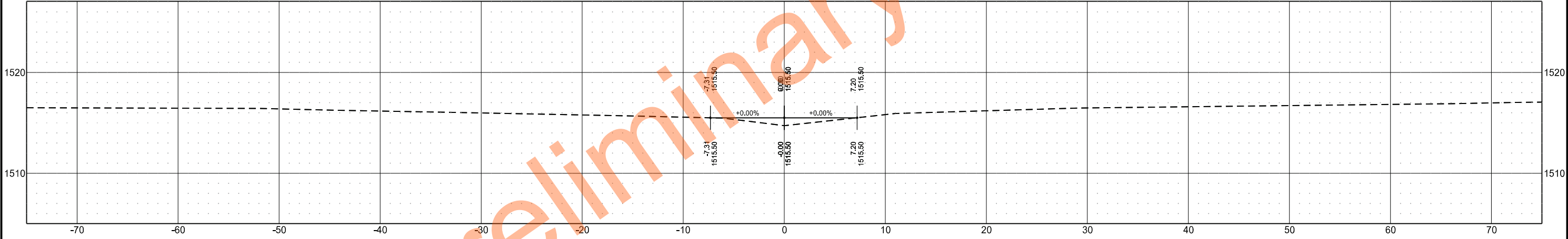


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	97

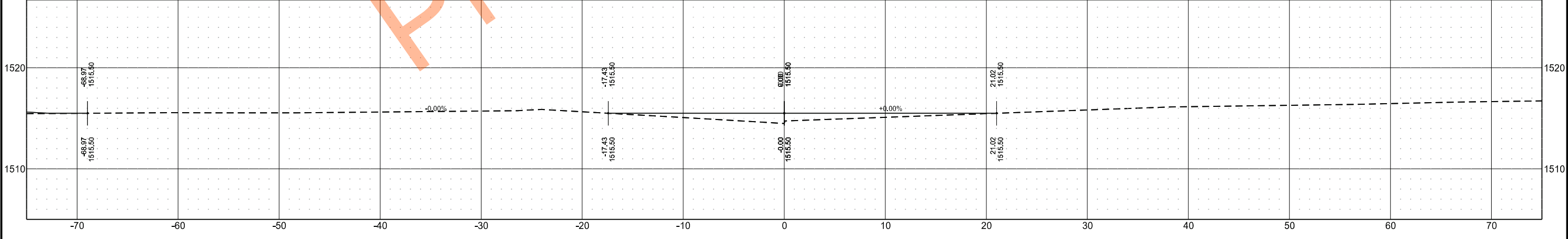
Sta 731+00.00

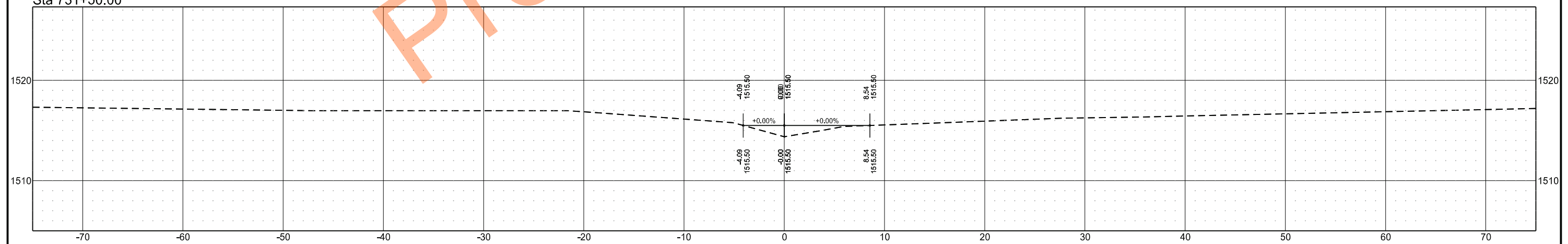
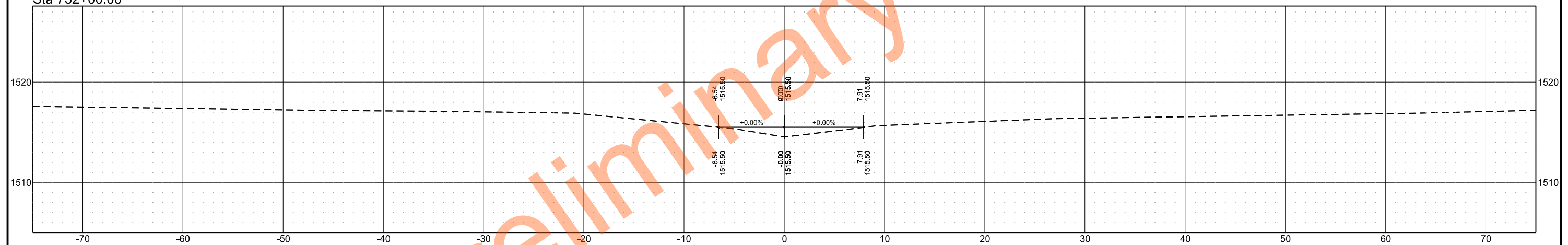
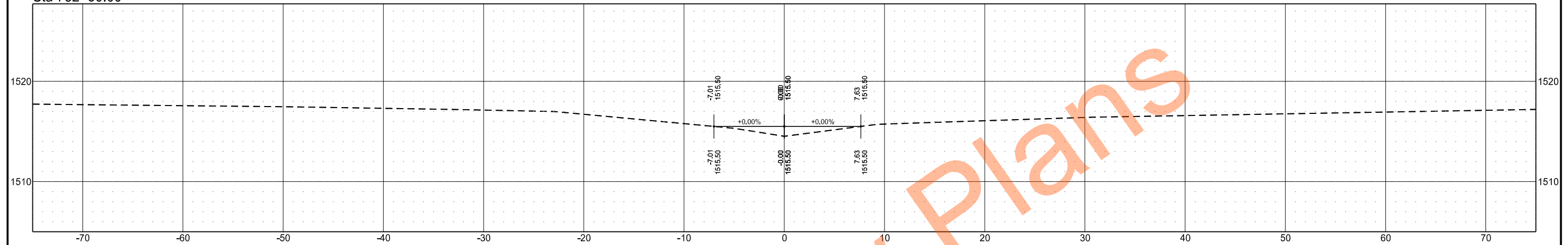


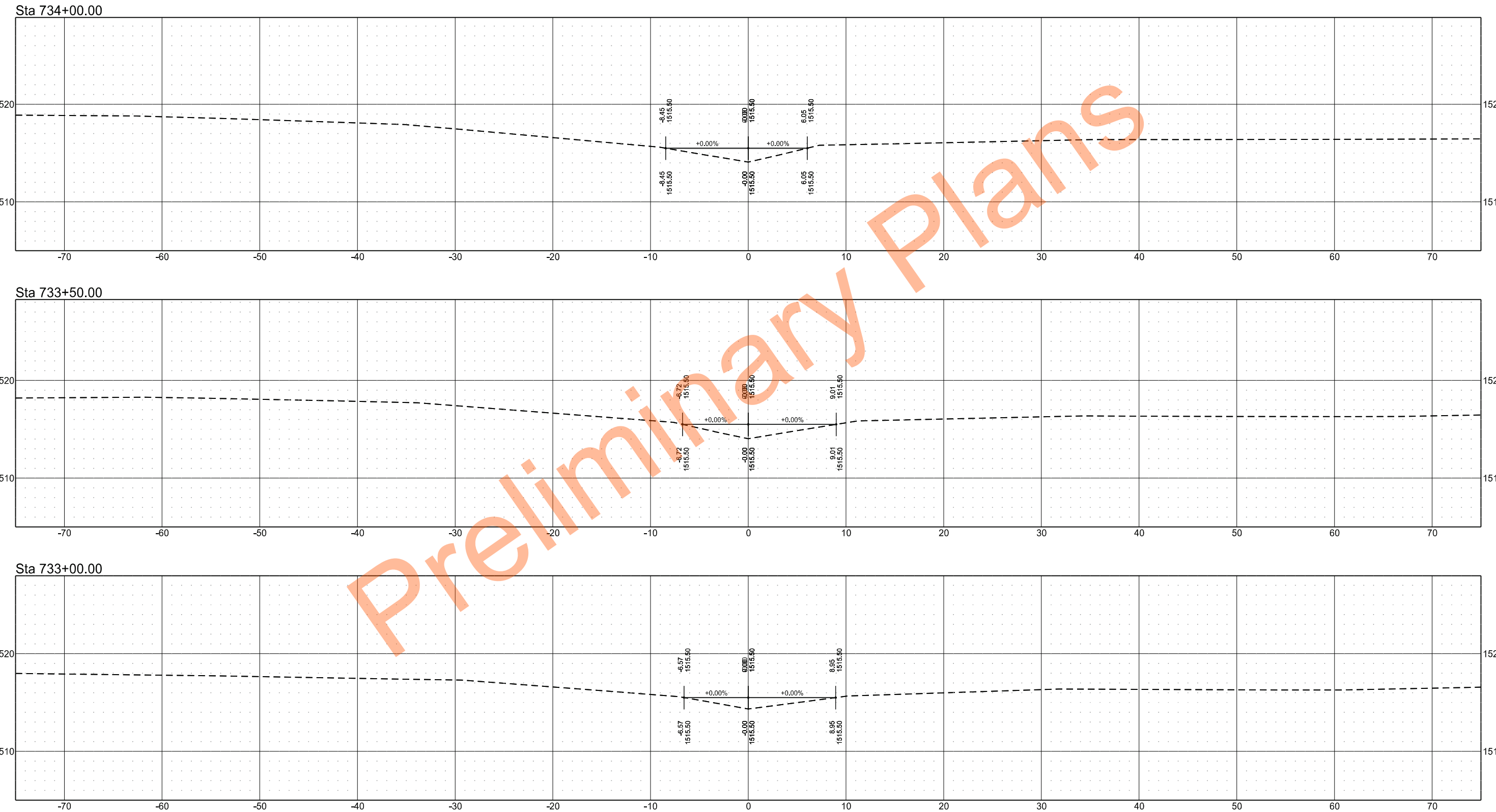
Sta 730+50.00

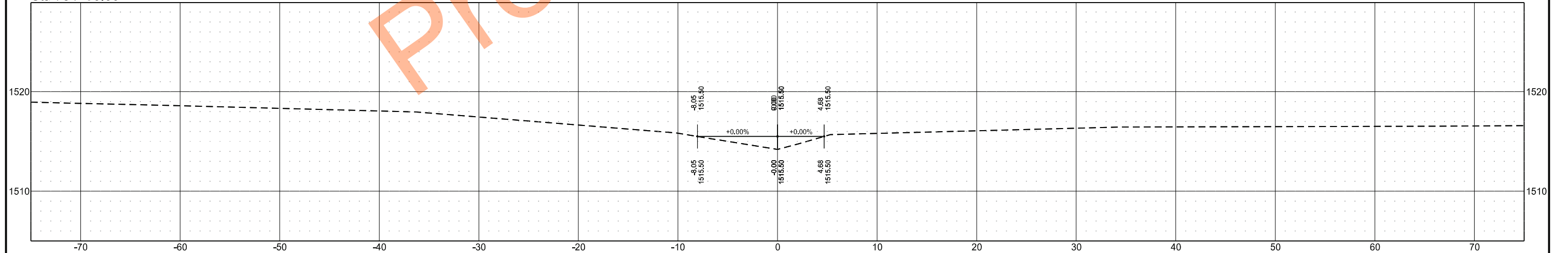
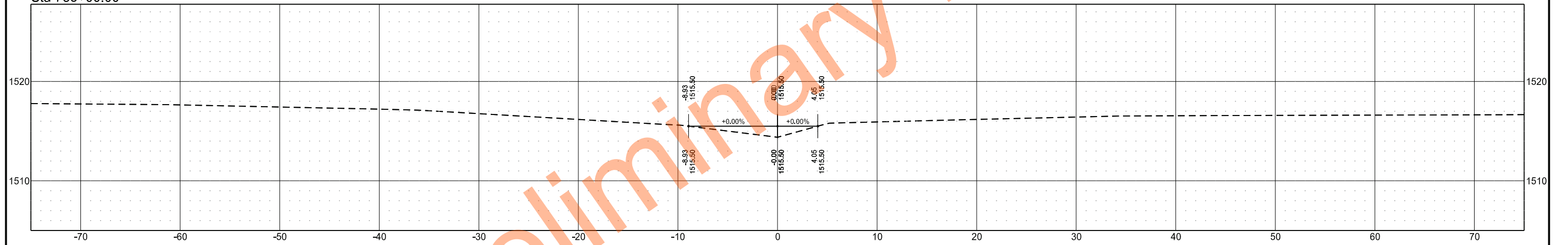
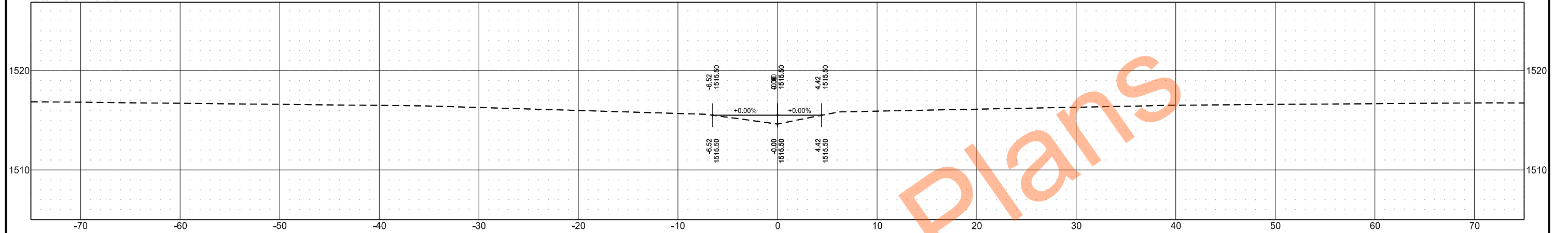


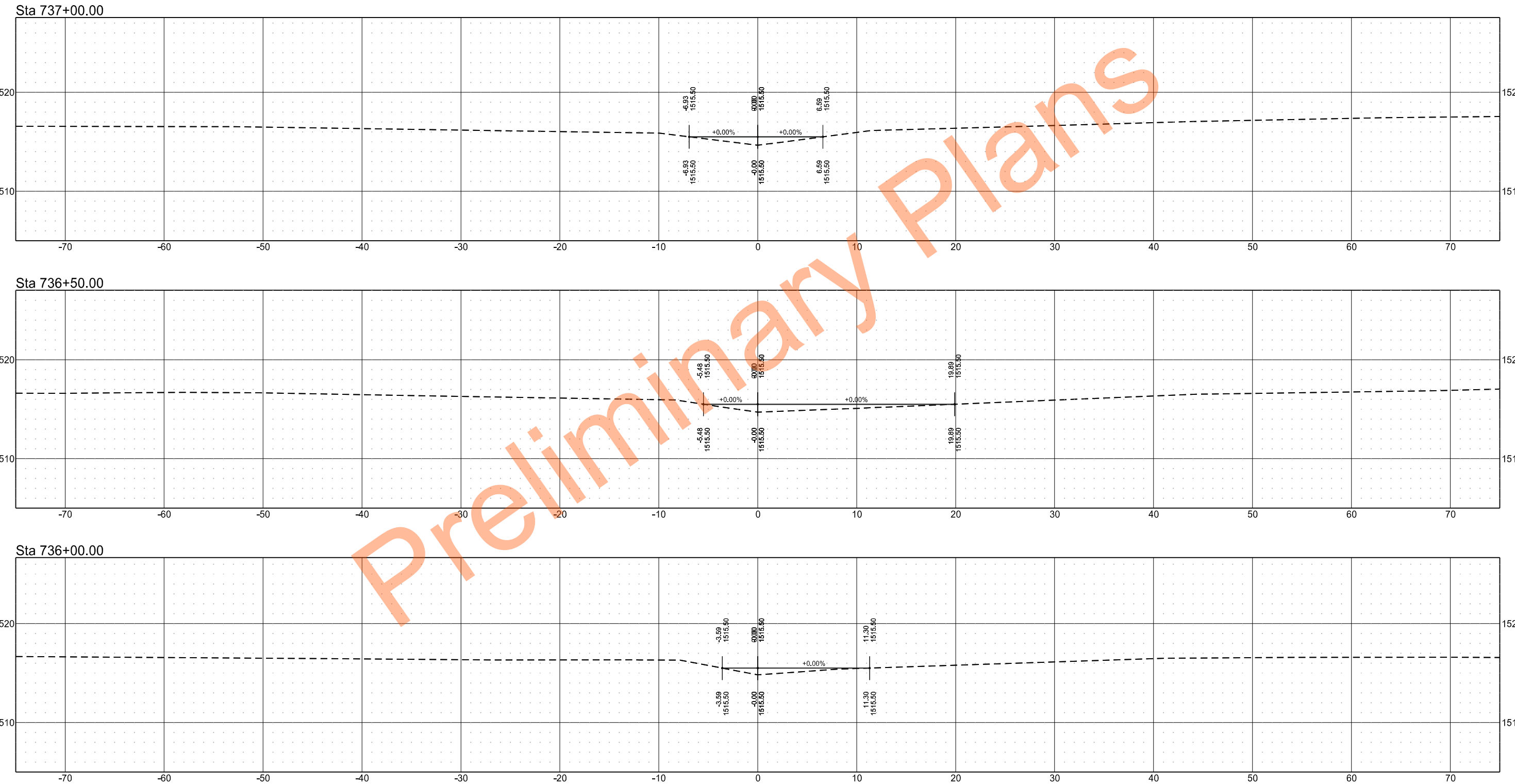
Sta 730+00.00

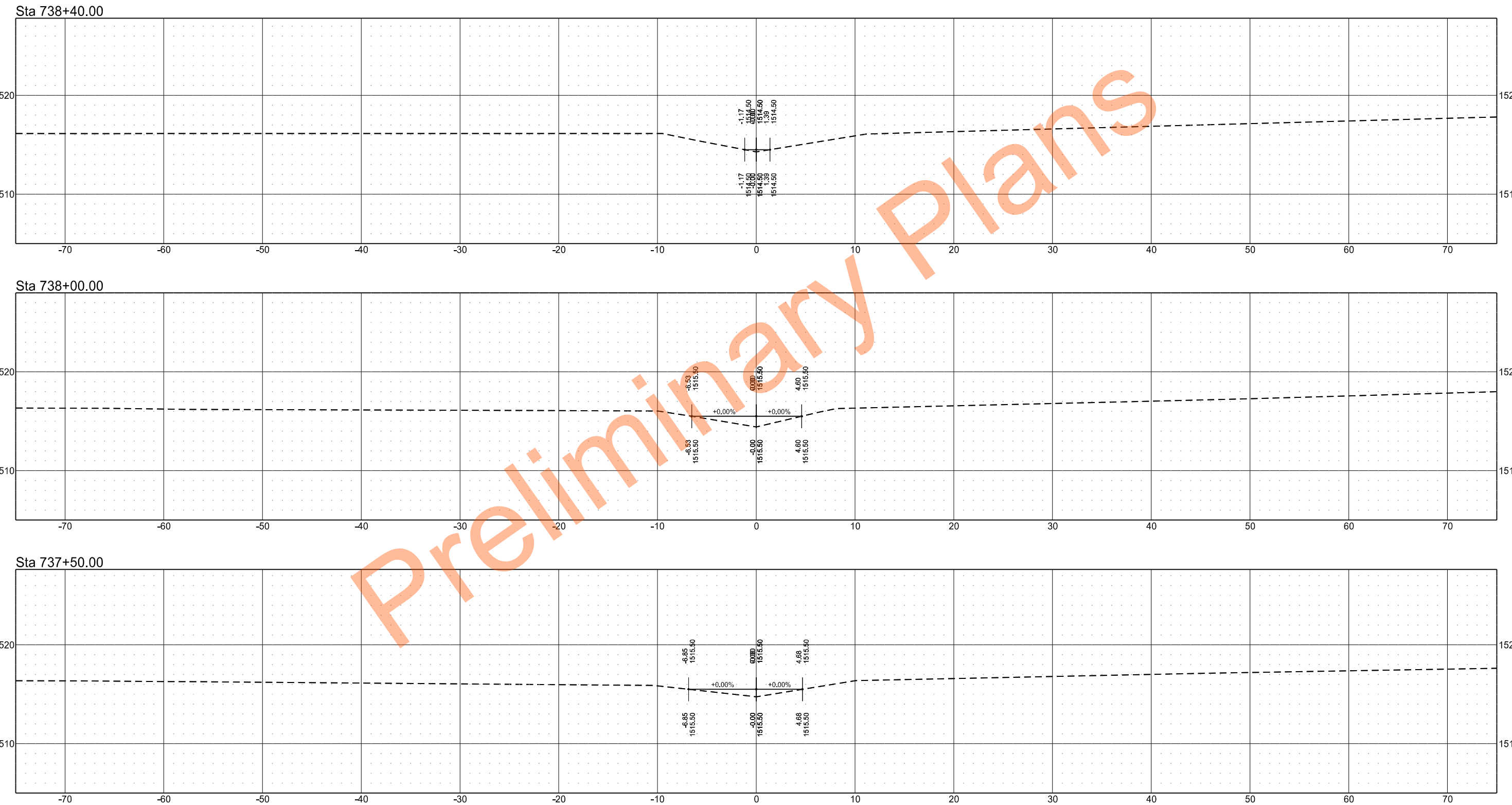






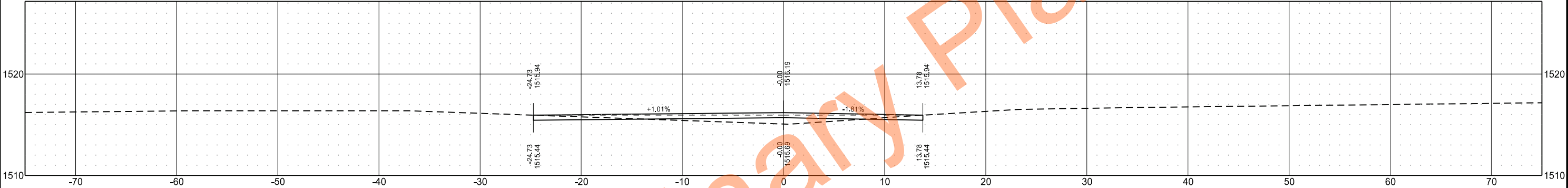




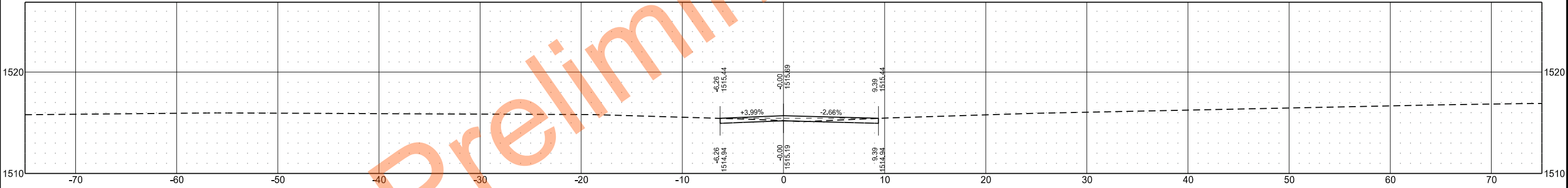


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	103

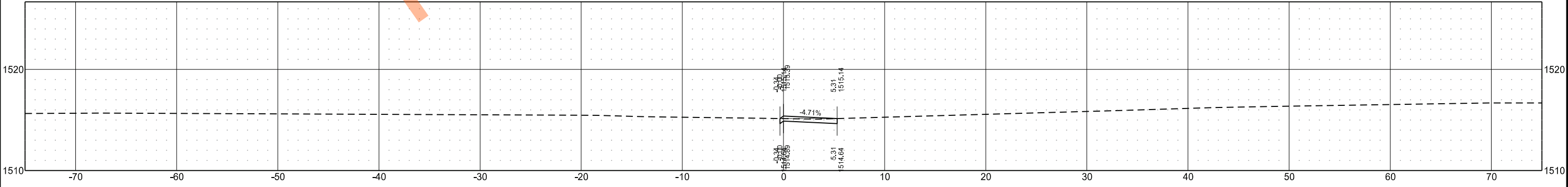
Sta 751+50.00



Sta 751+00.00

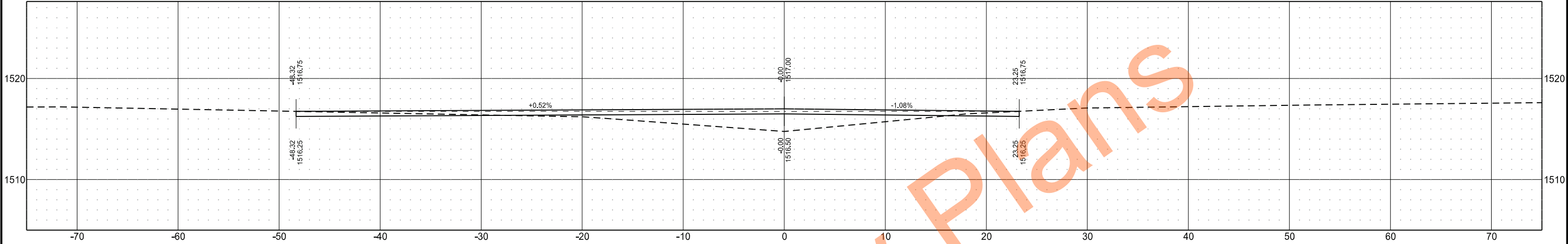


Sta 750+70.00

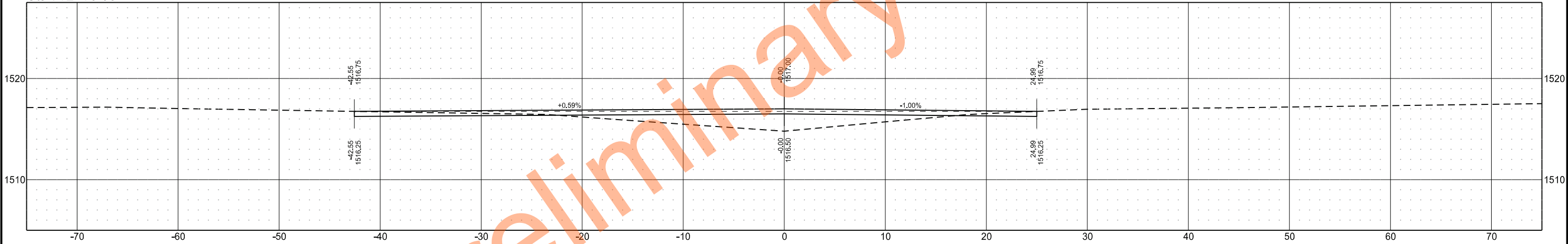


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	104

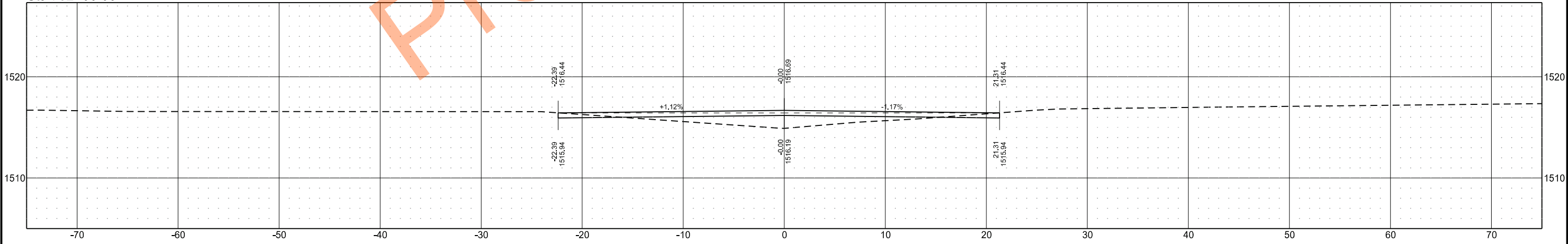
Sta 753+00.00



Sta 752+50.00

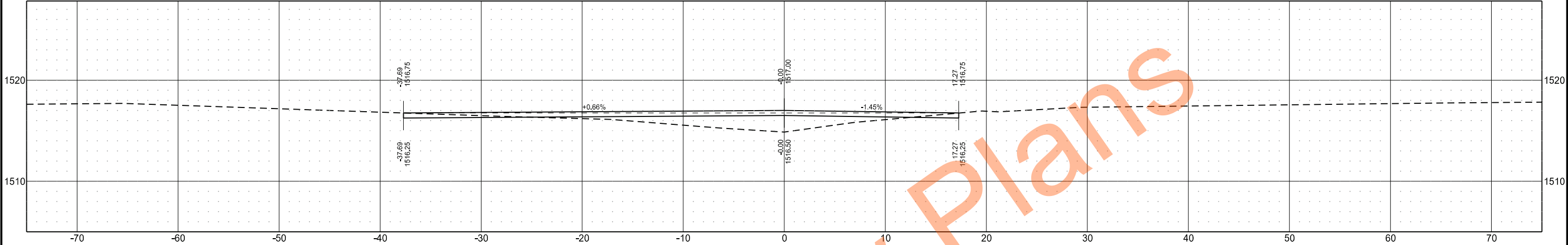


Sta 752+00.00

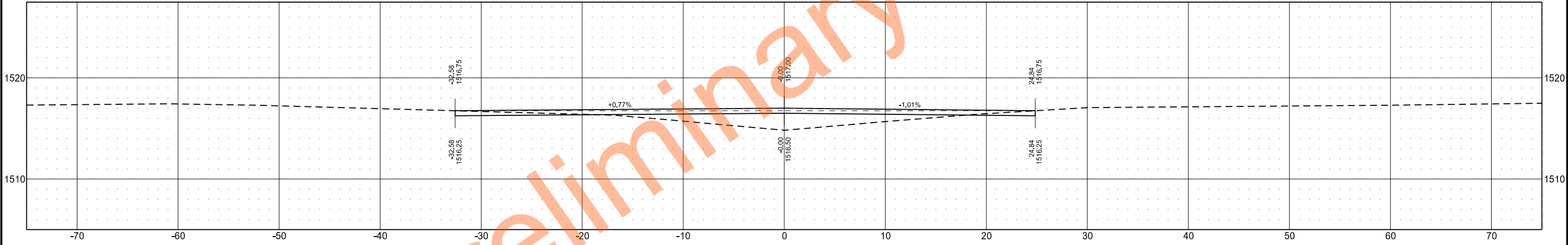


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	105

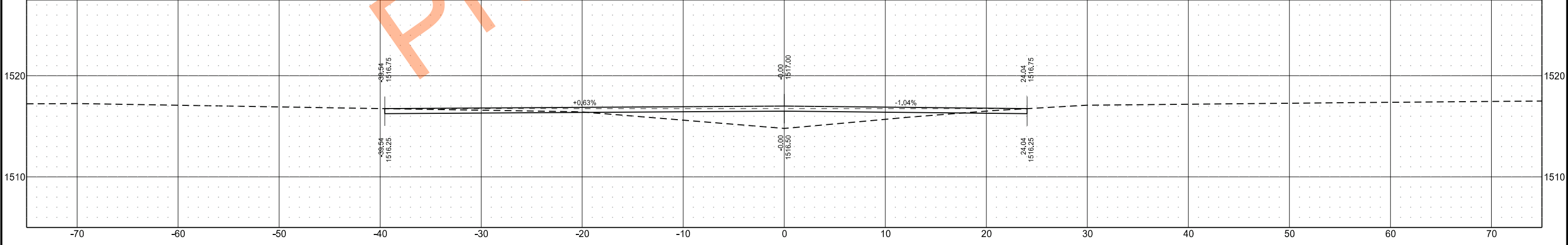
Sta 754+50.00



Sta 754+00.00

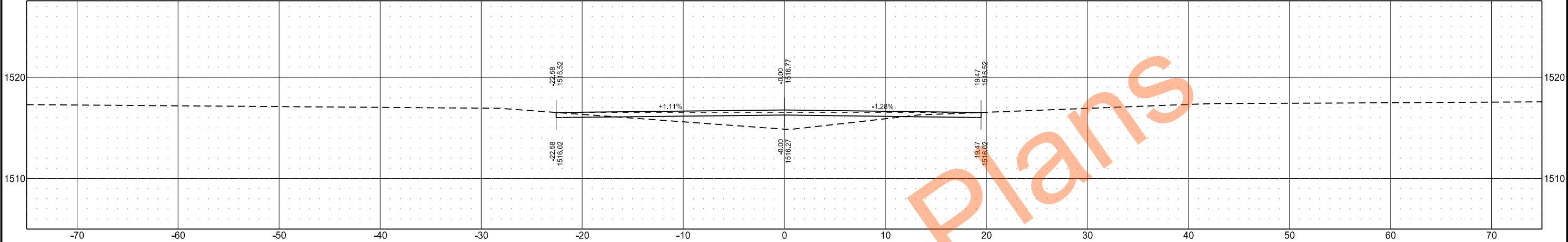


Sta 753+50.00

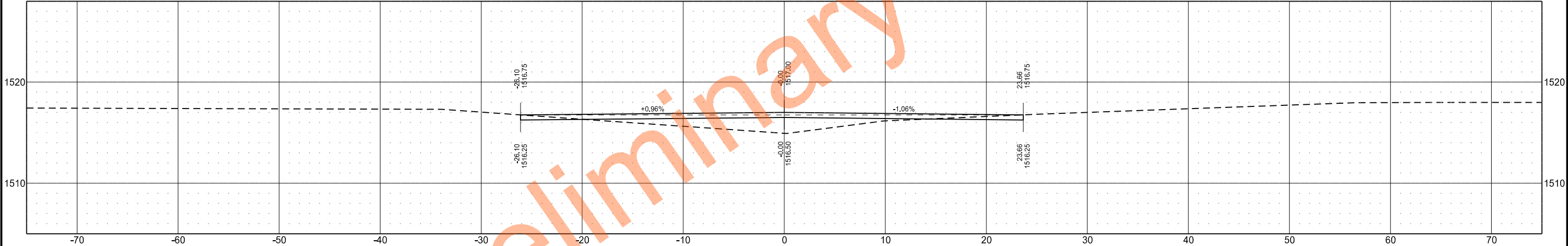


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	106

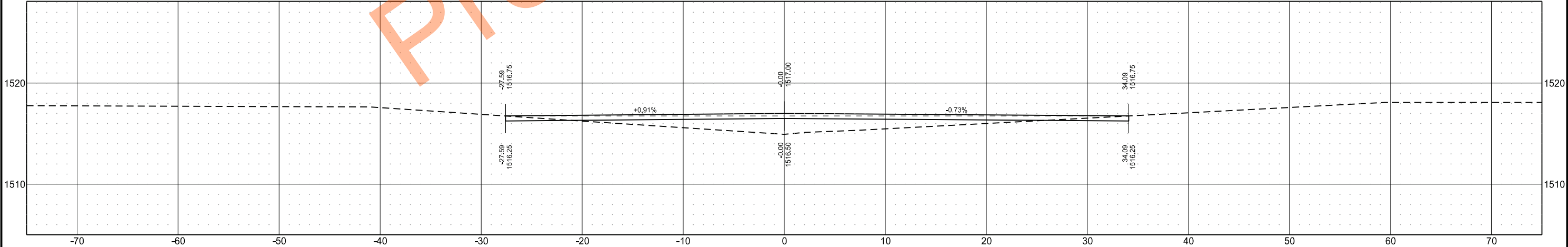
Sta 756+00.00



Sta 755+50.00

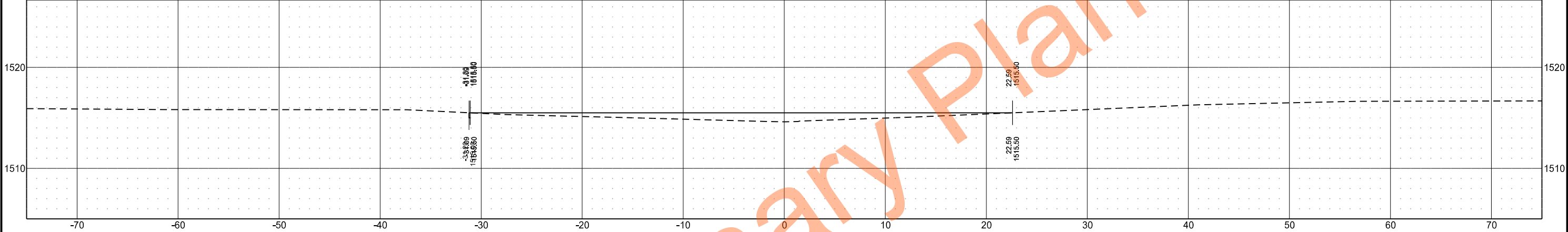


Sta 755+00.00

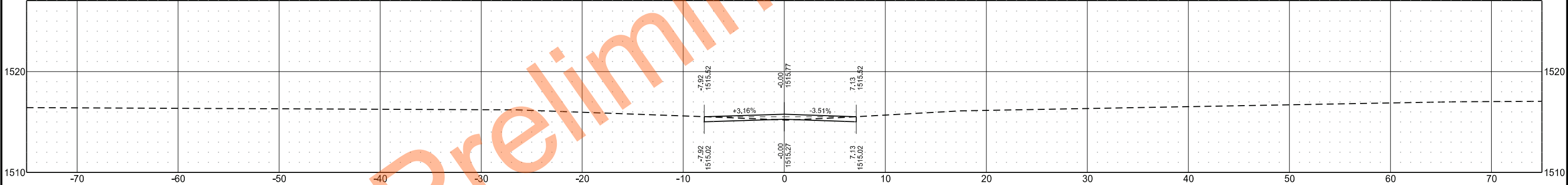


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	107

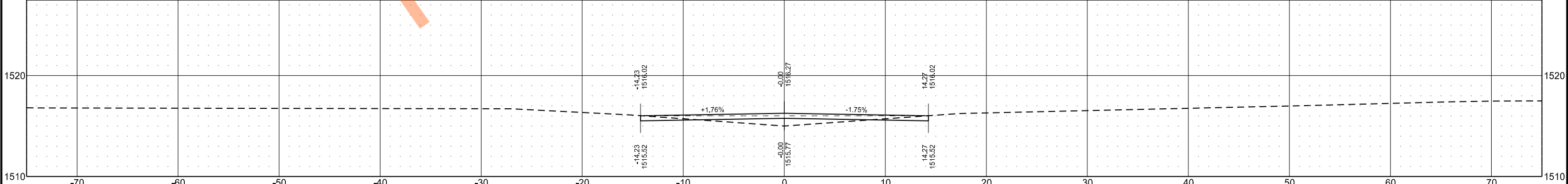
Sta 757+50.00



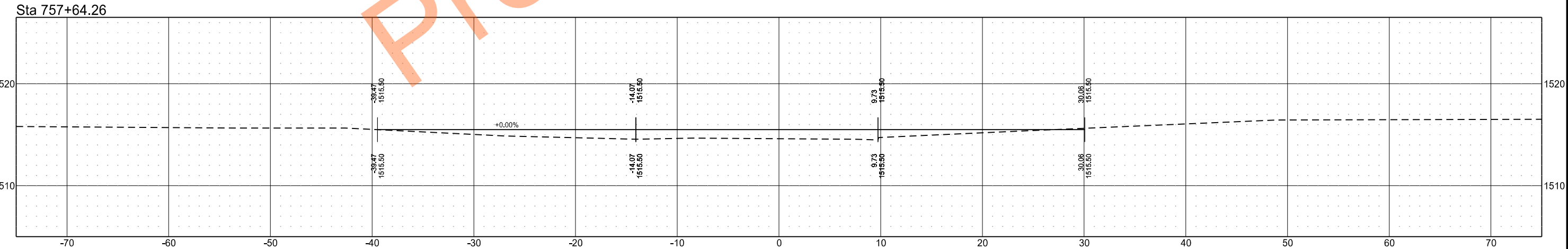
Sta 757+00.00

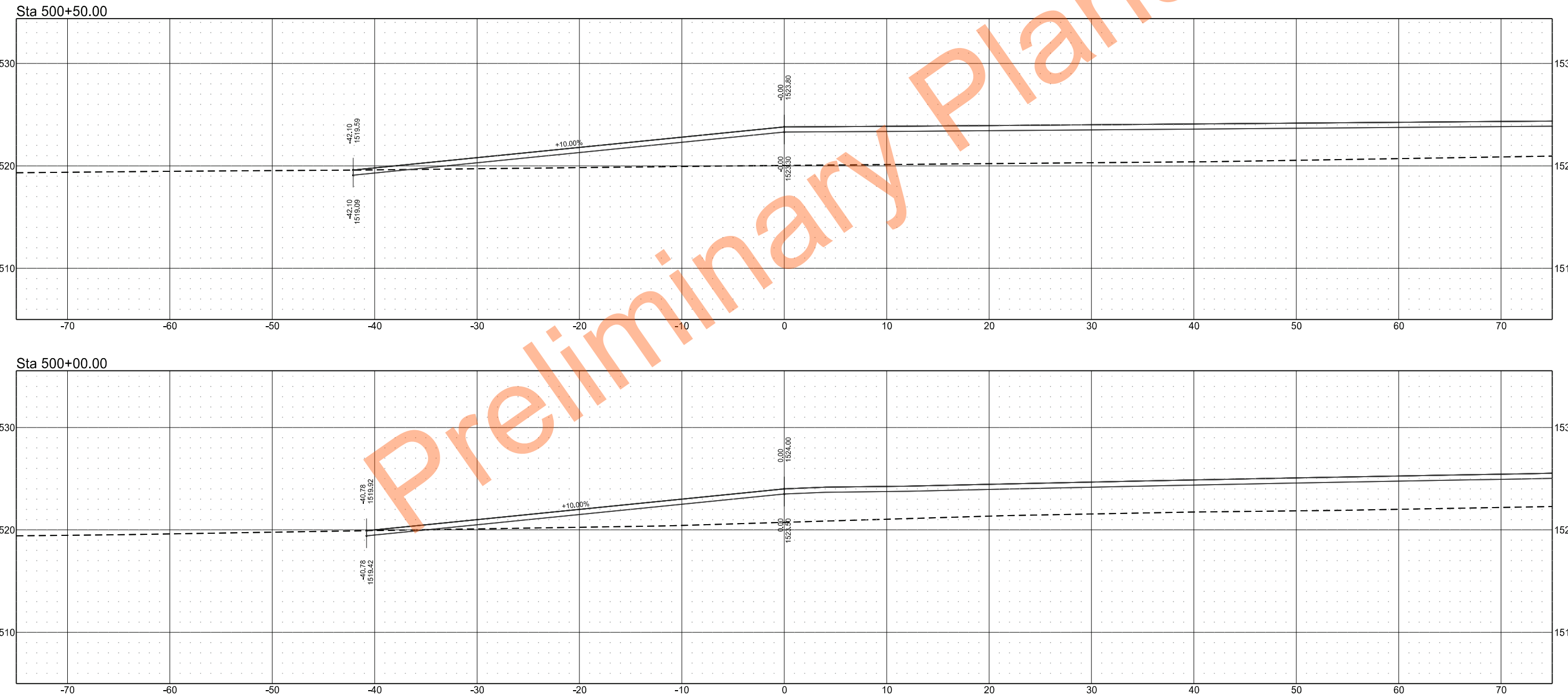


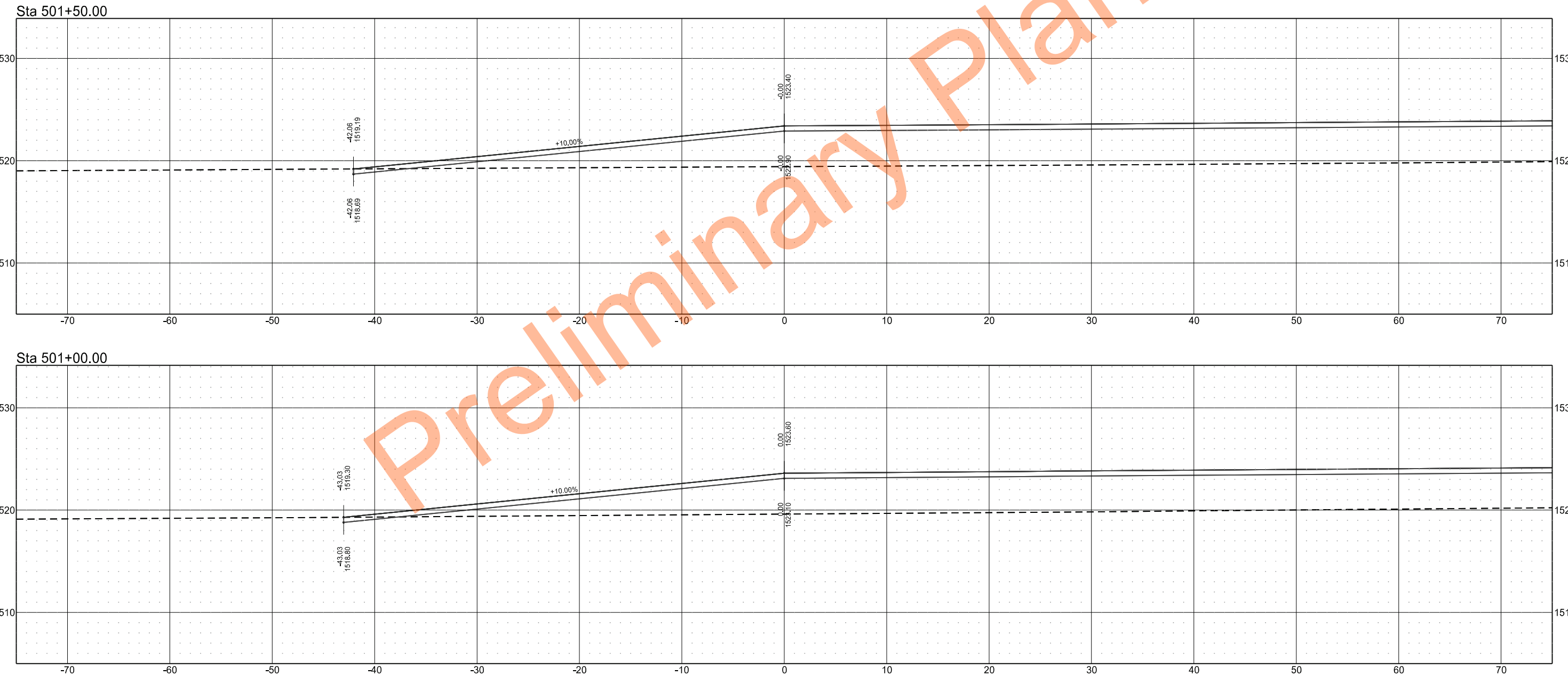
Sta 756+50.00

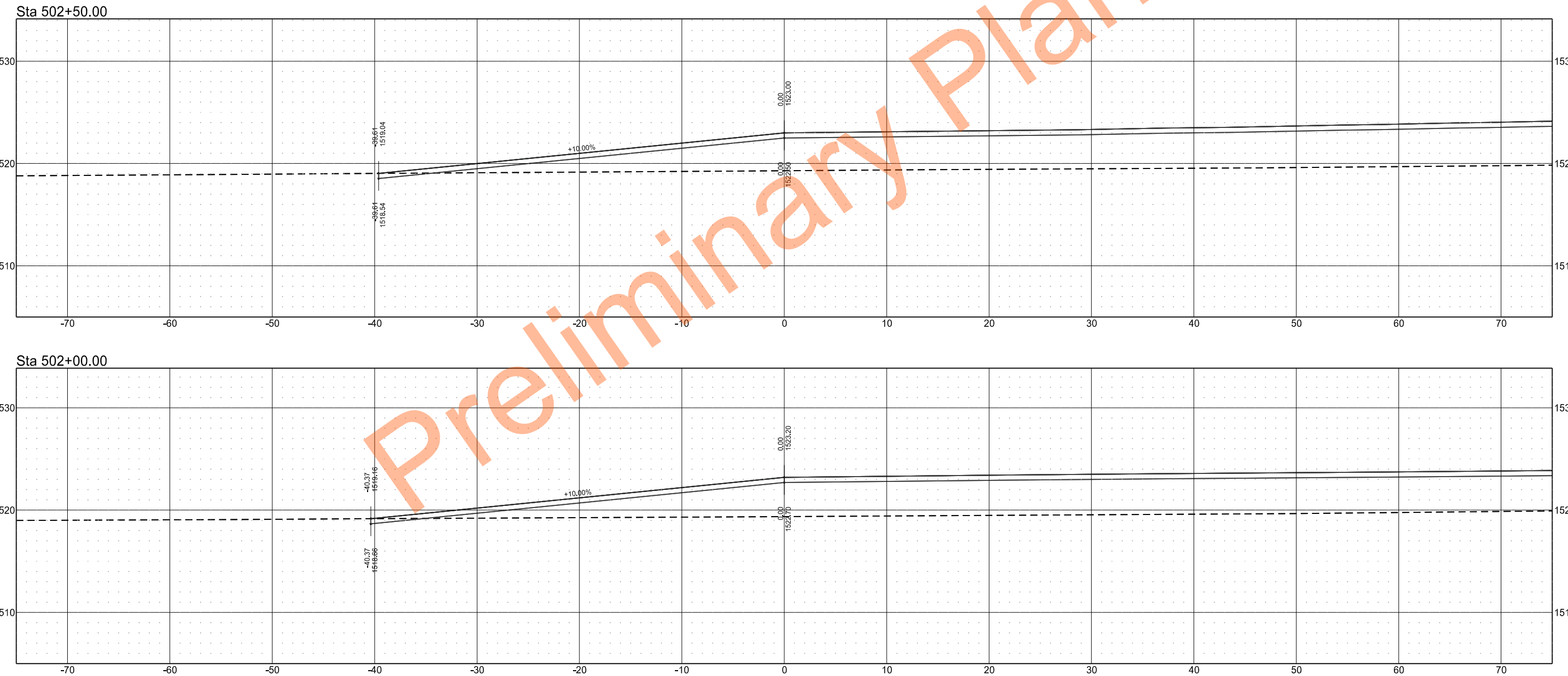


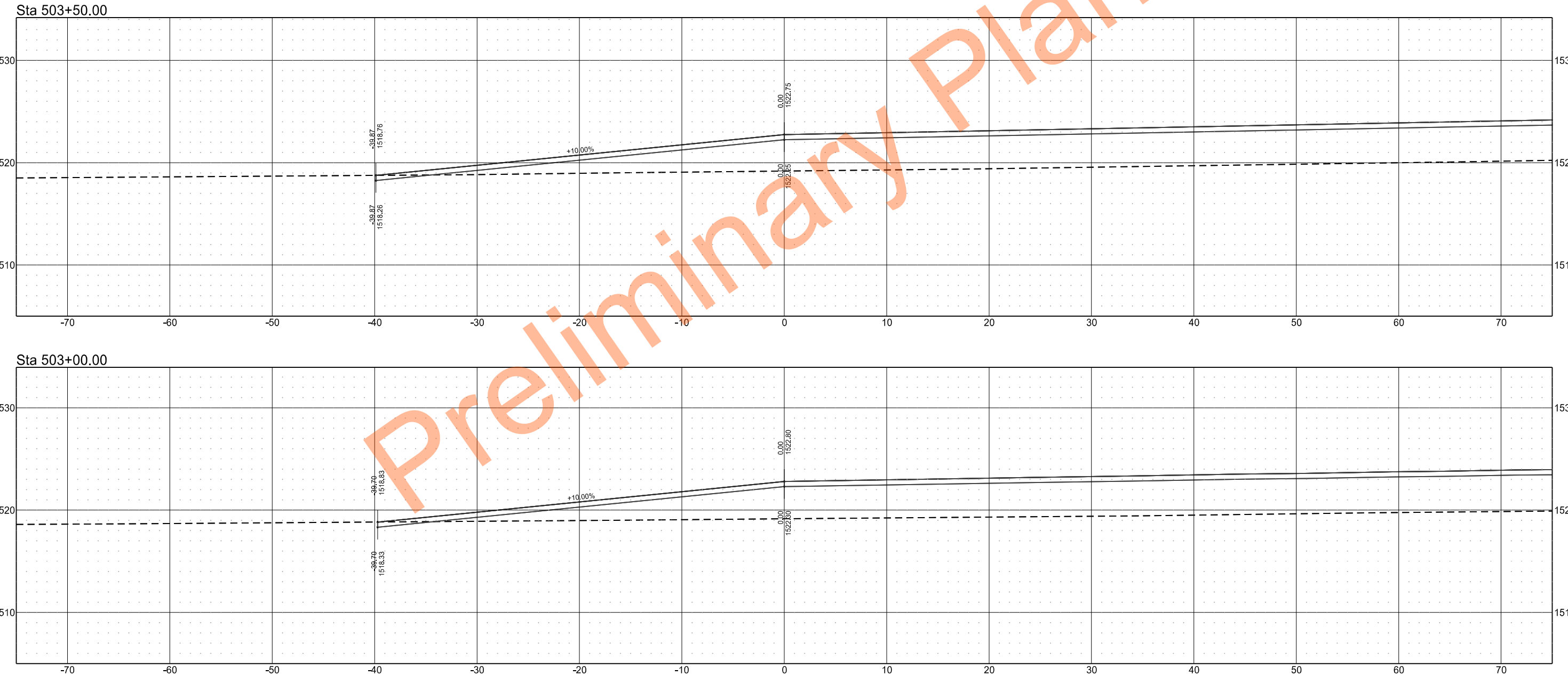
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	108





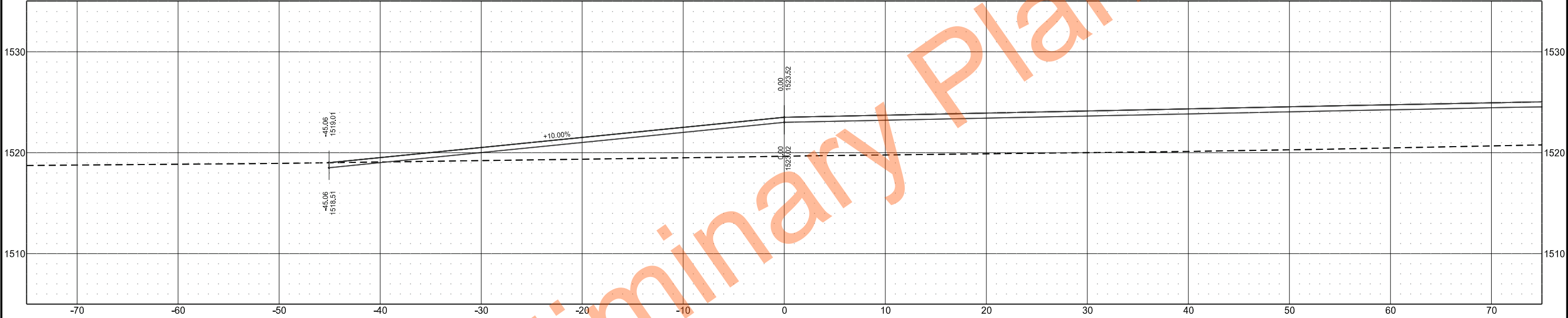




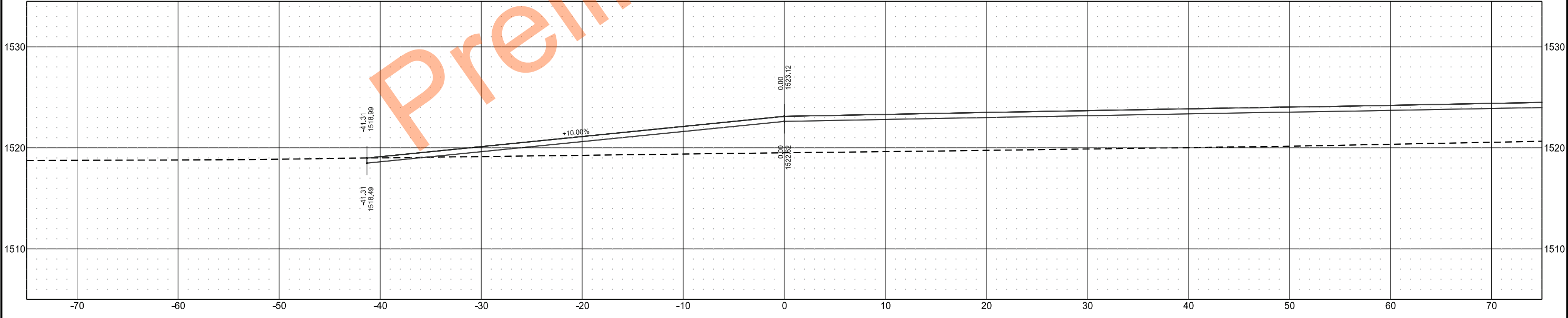


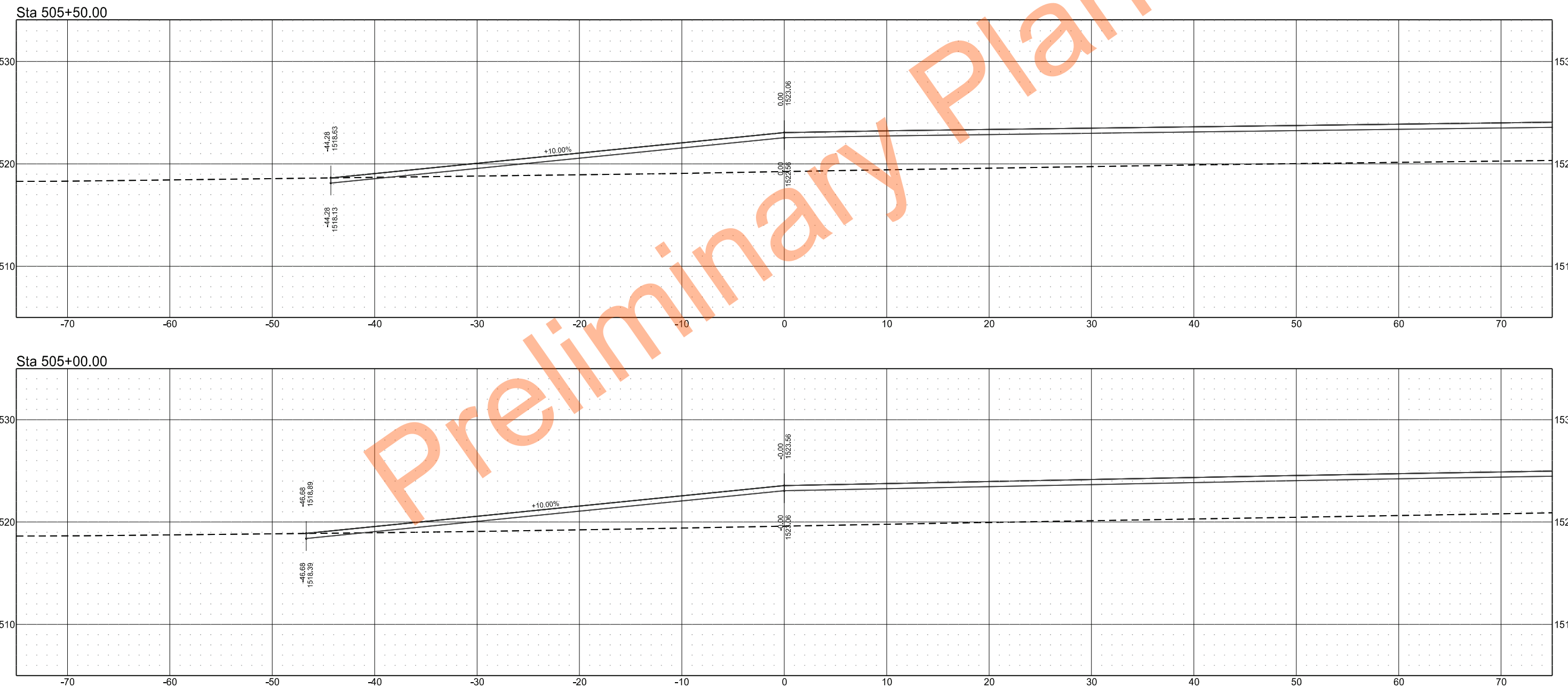
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	113

Sta 504+50.00



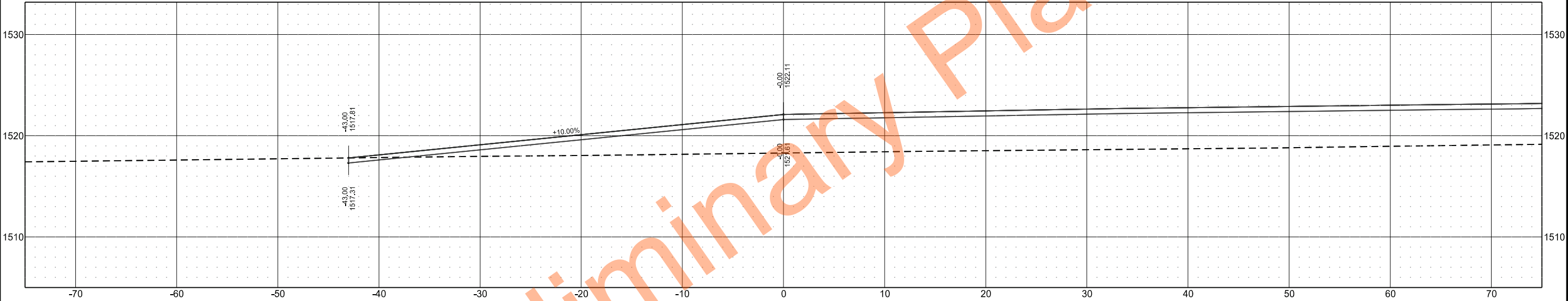
Sta 504+00.00



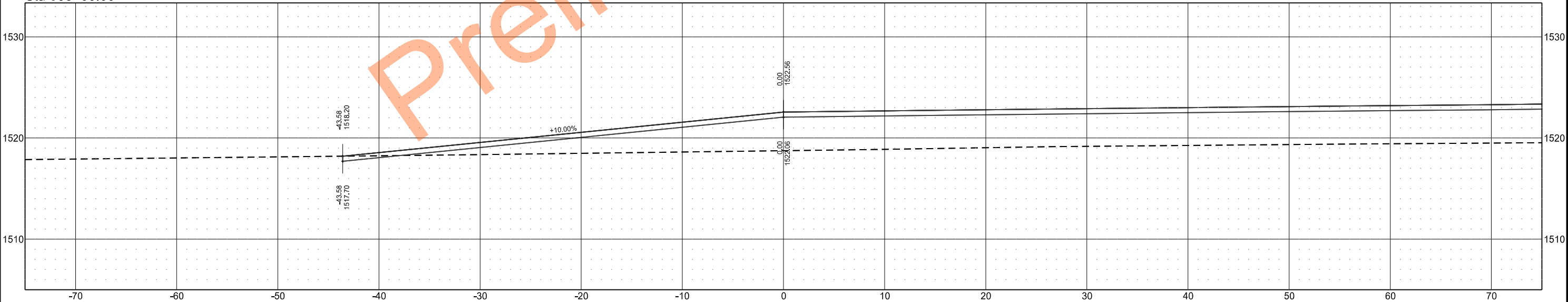


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	115

Sta 506+50.00

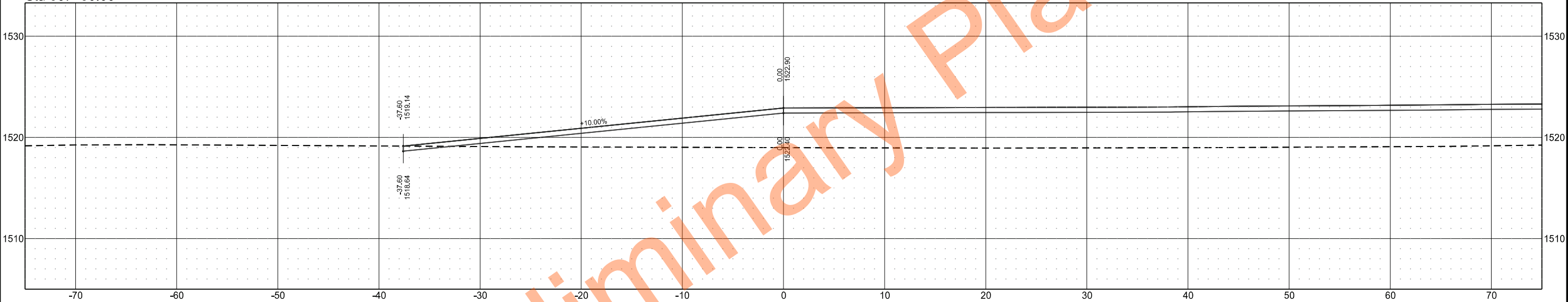


Sta 506+00.00

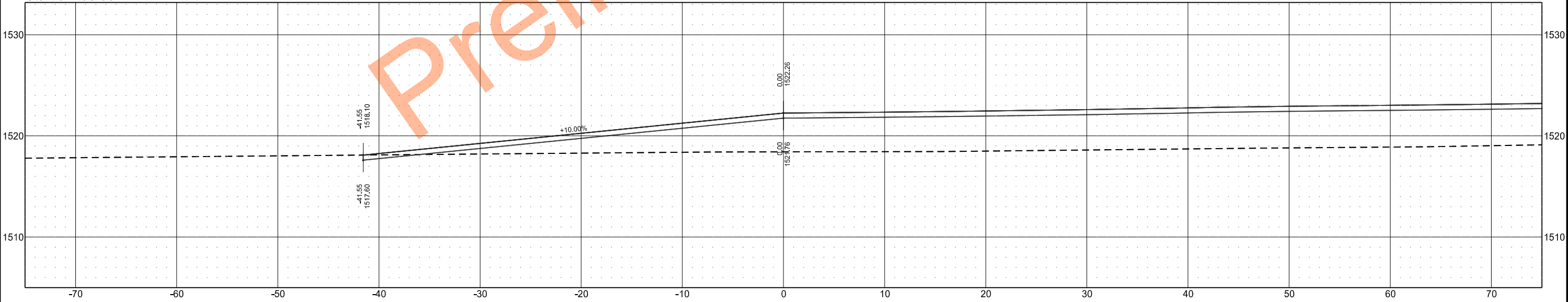


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	116

Sta 507+50.00

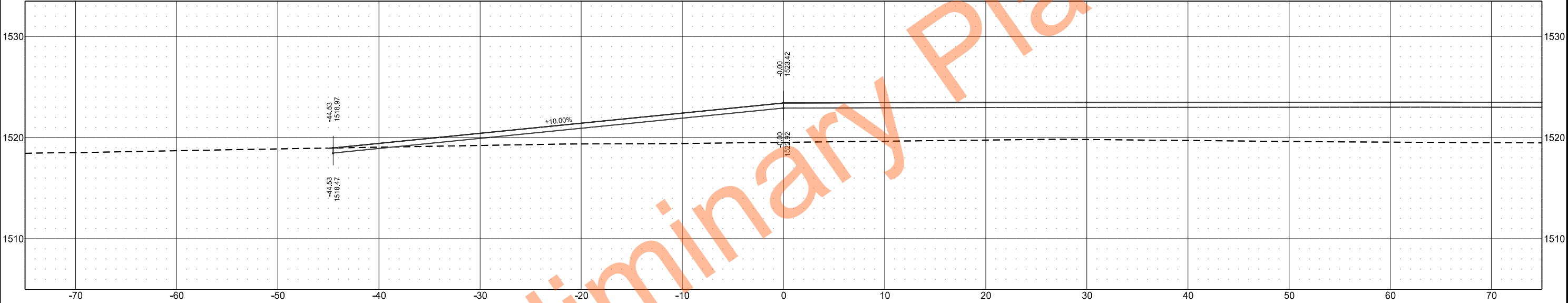


Sta 507+00.00

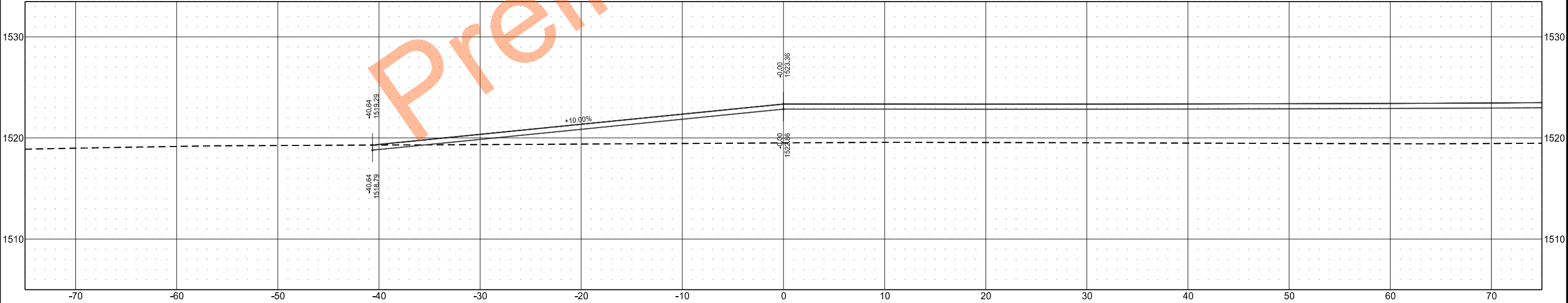


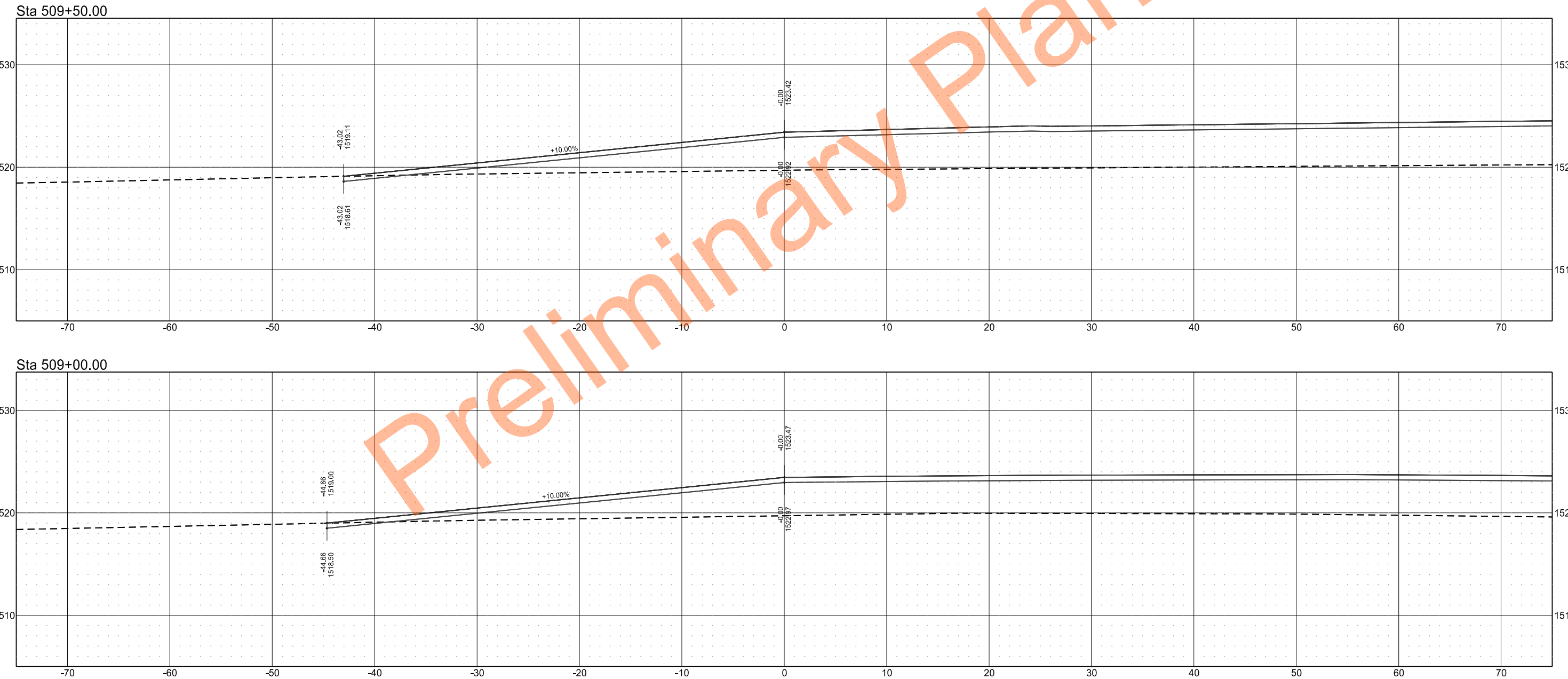
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	117

Sta 508+50.00



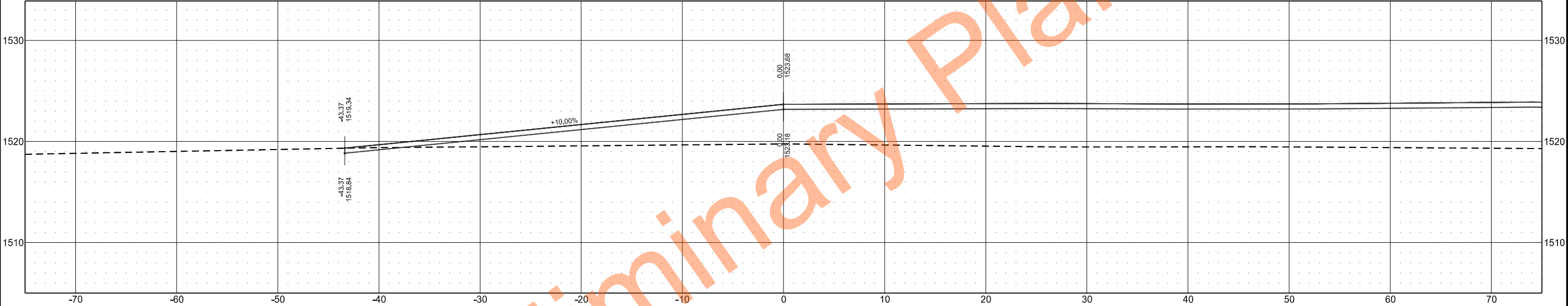
Sta 508+00.00



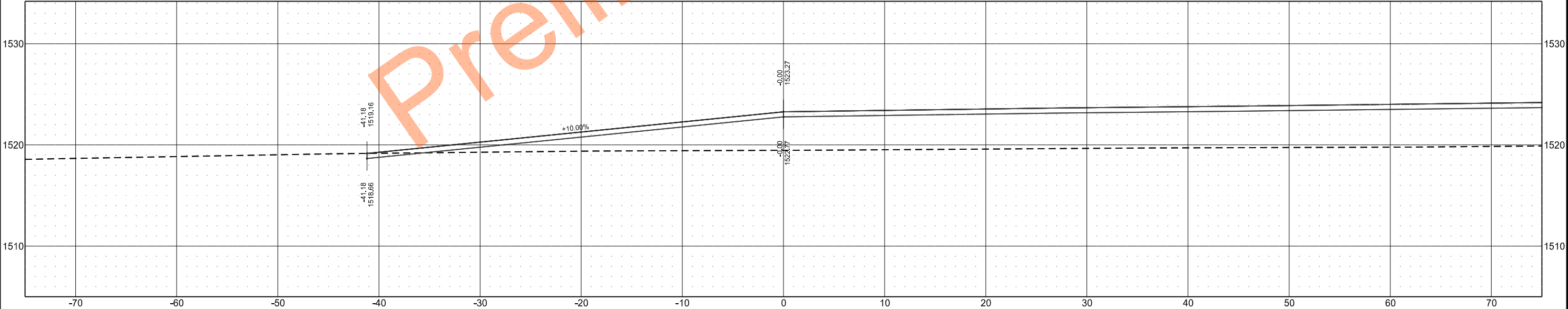


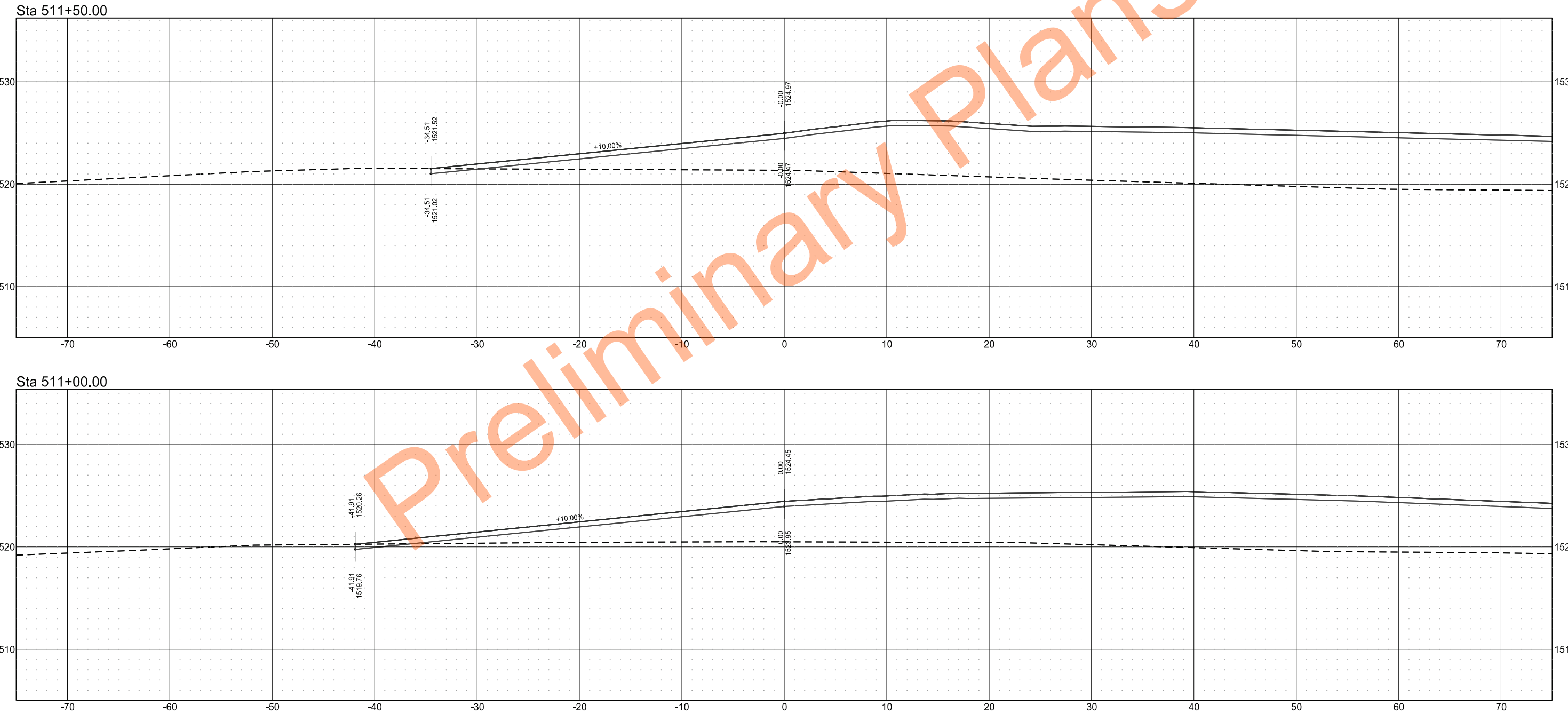
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	119

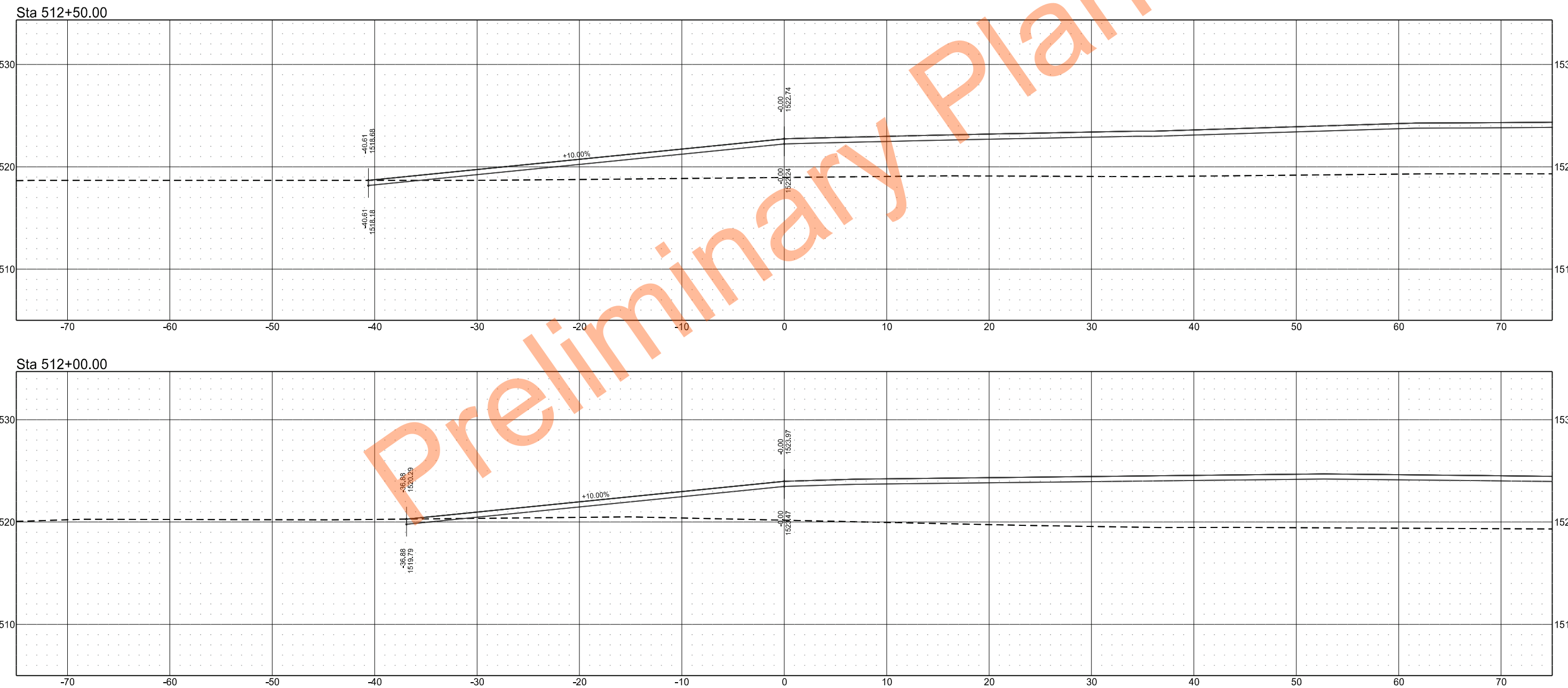
Sta 510+50.00

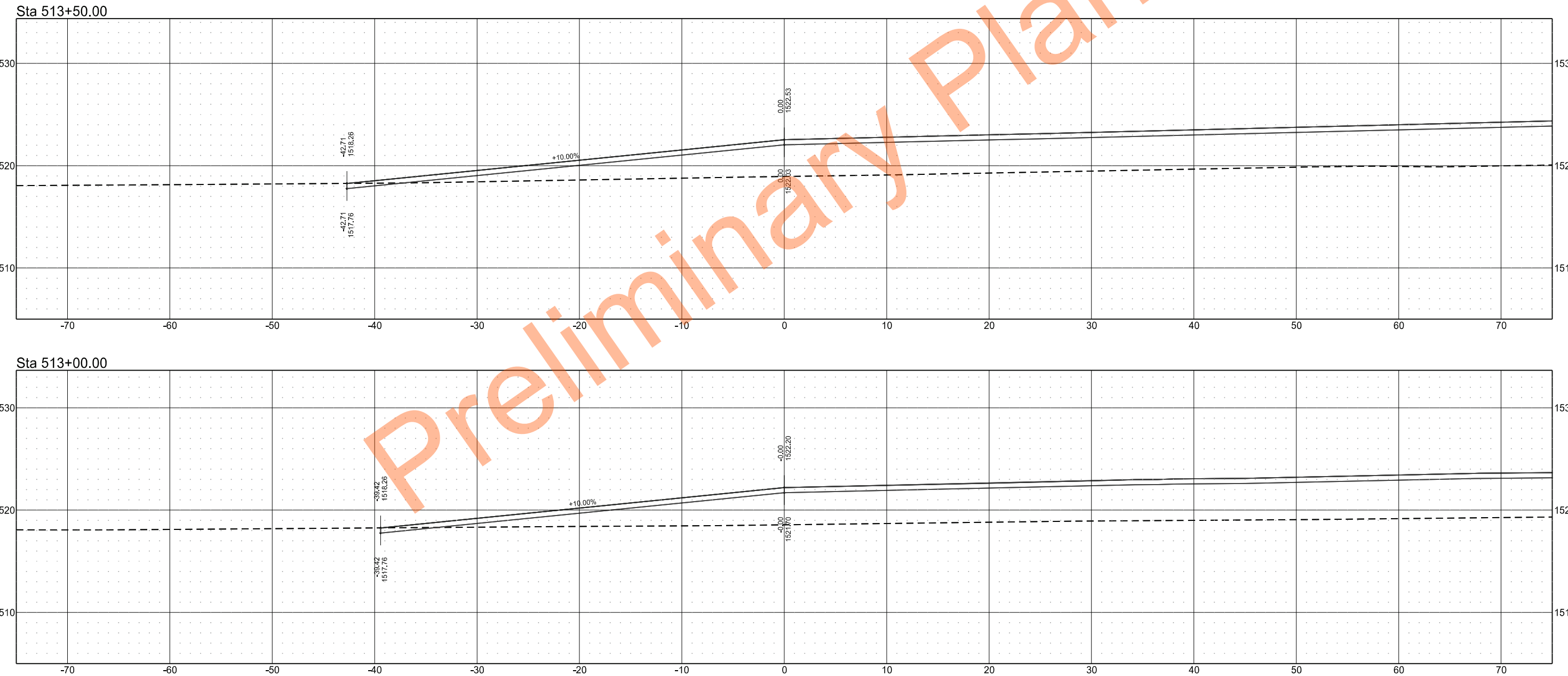


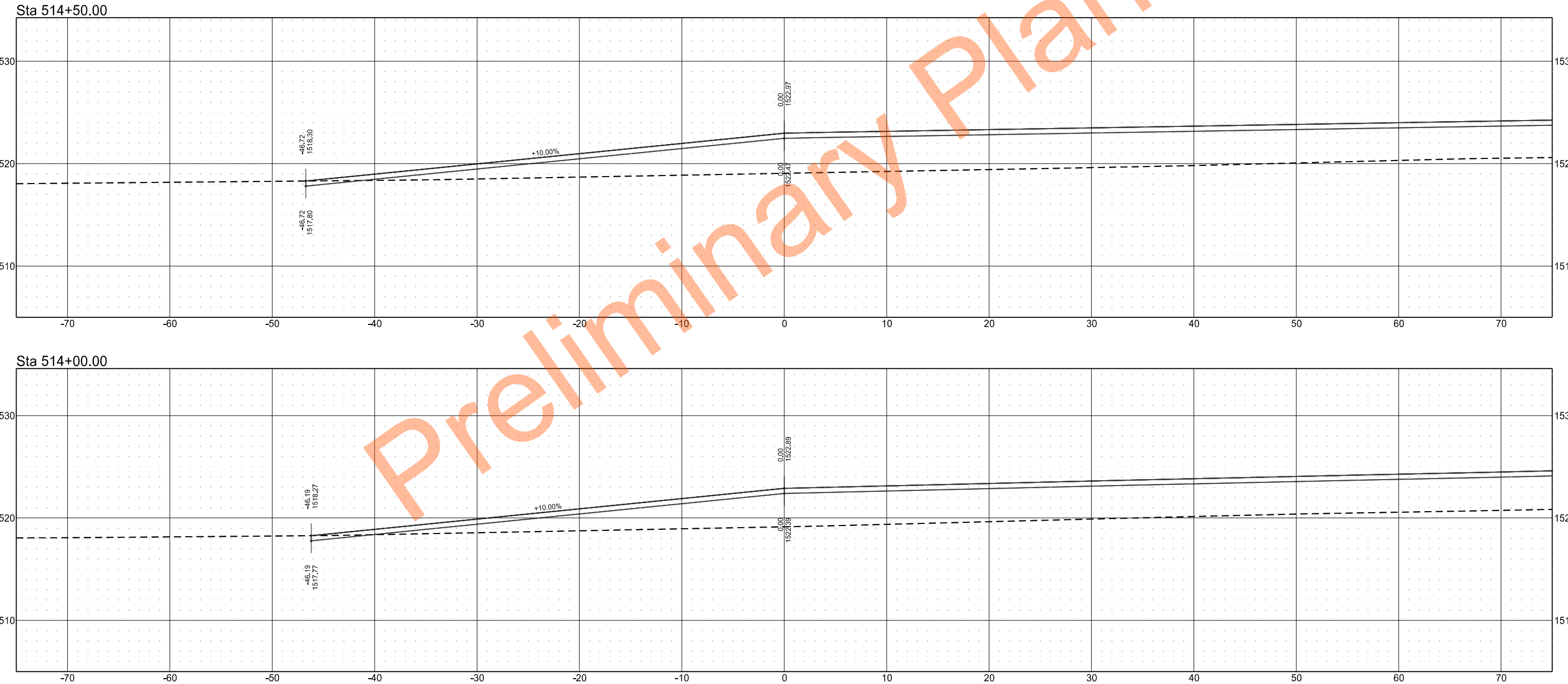
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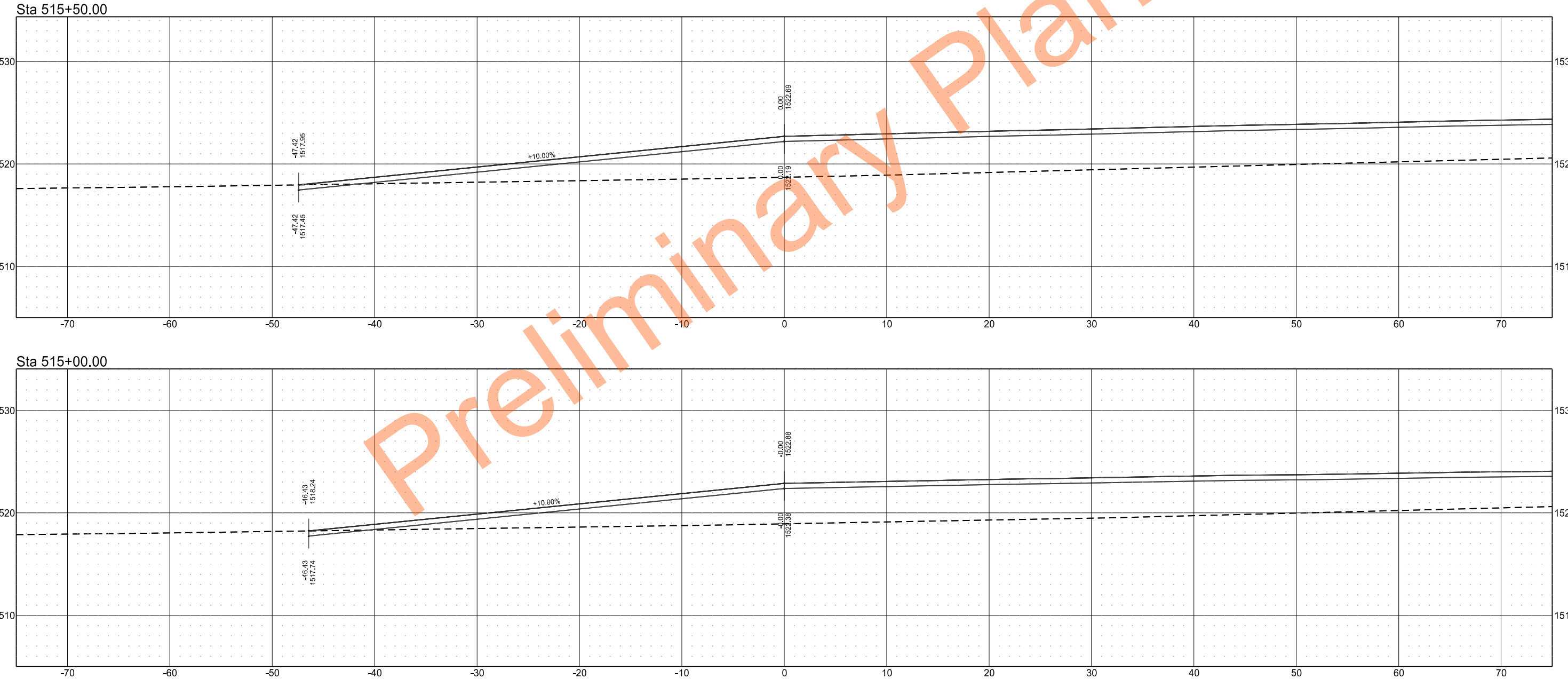






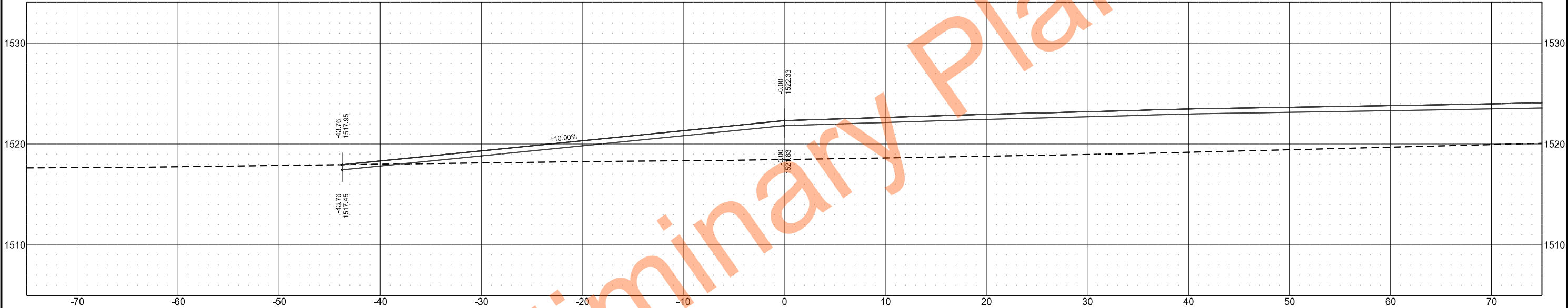




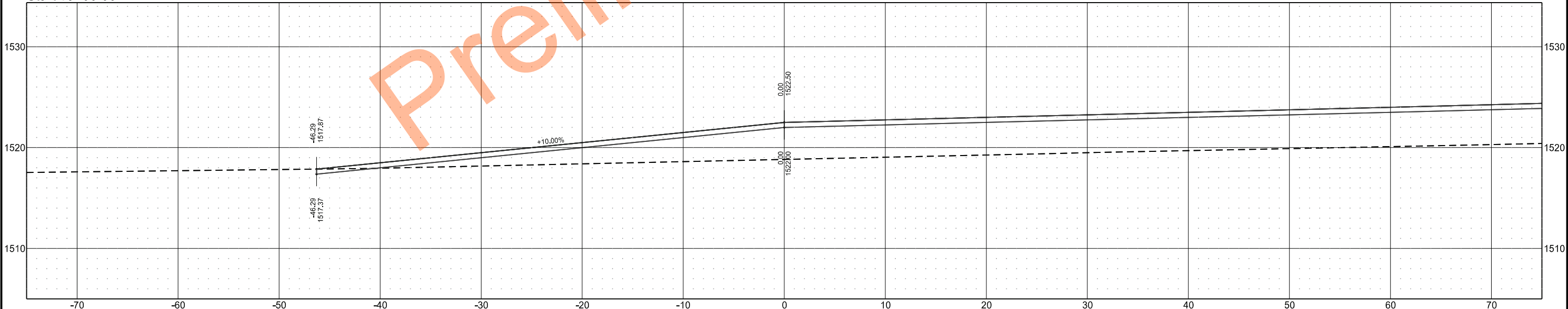


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	125

Sta 516+50.00

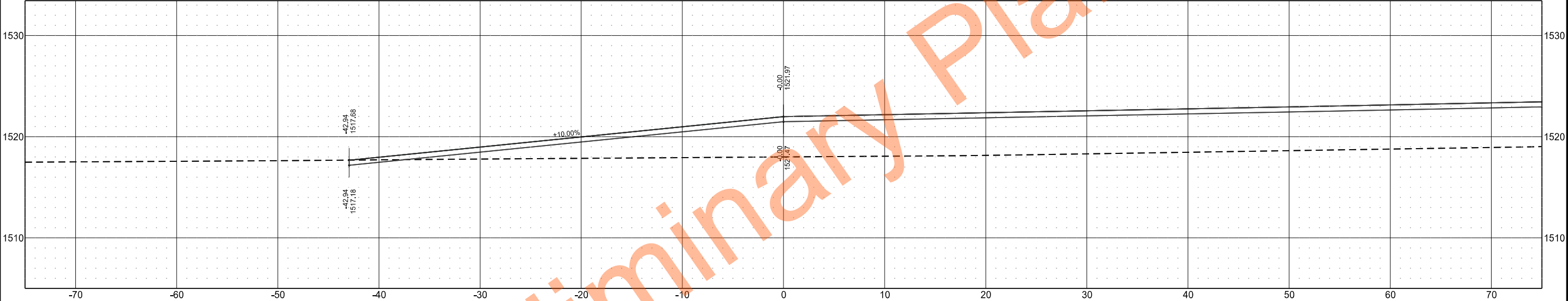


Sta 516+00.00

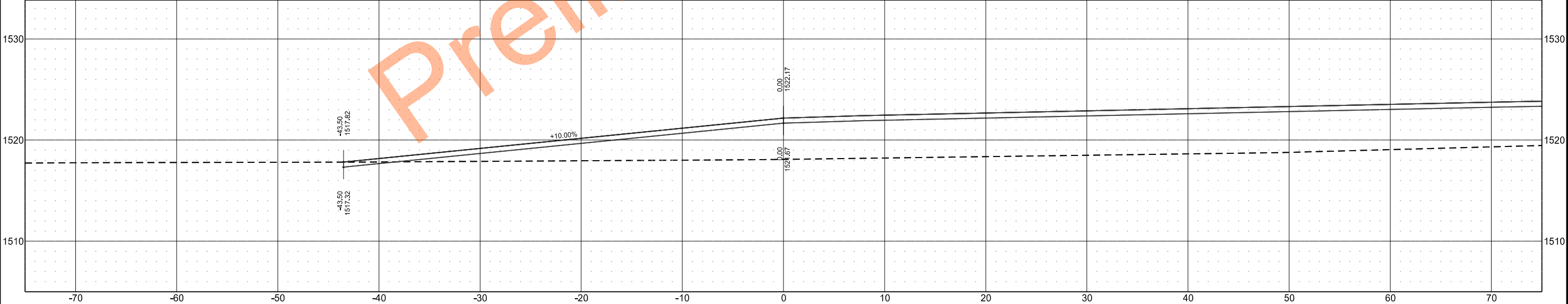


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	126

Sta 517+50.00

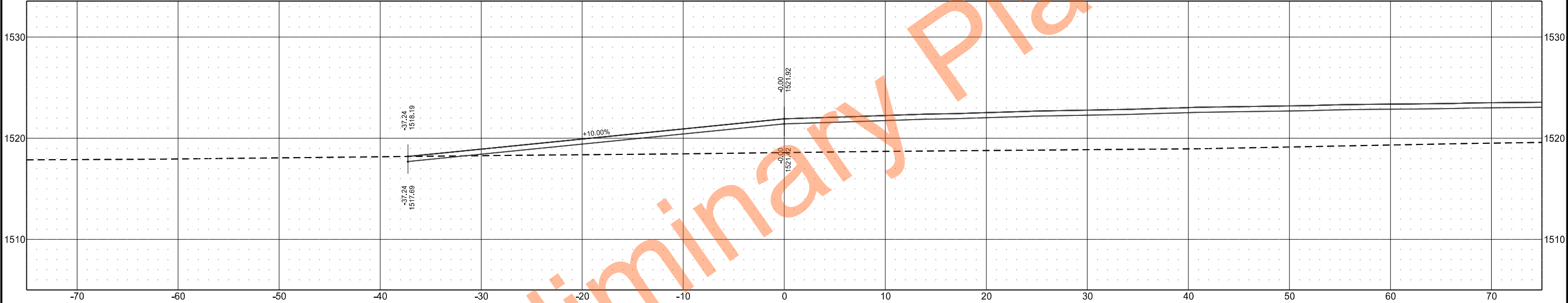


Sta 517+00.00

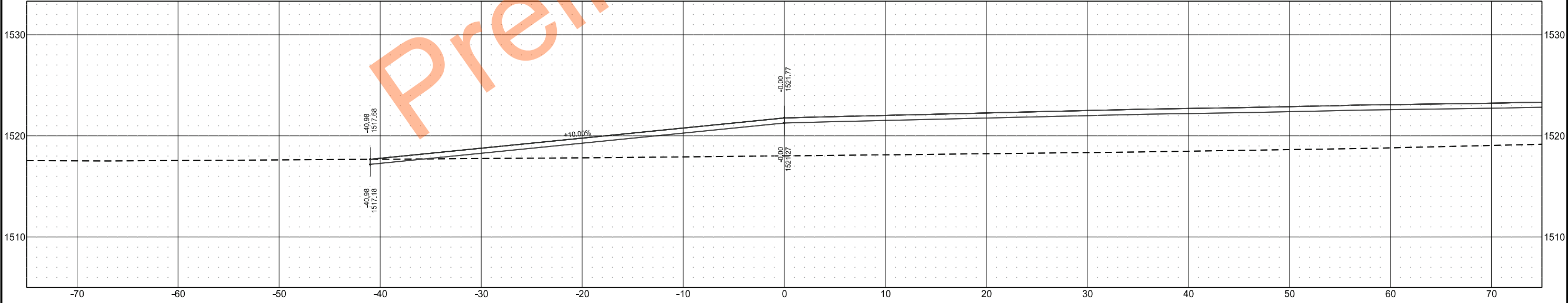


	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	127

Sta 518+50.00

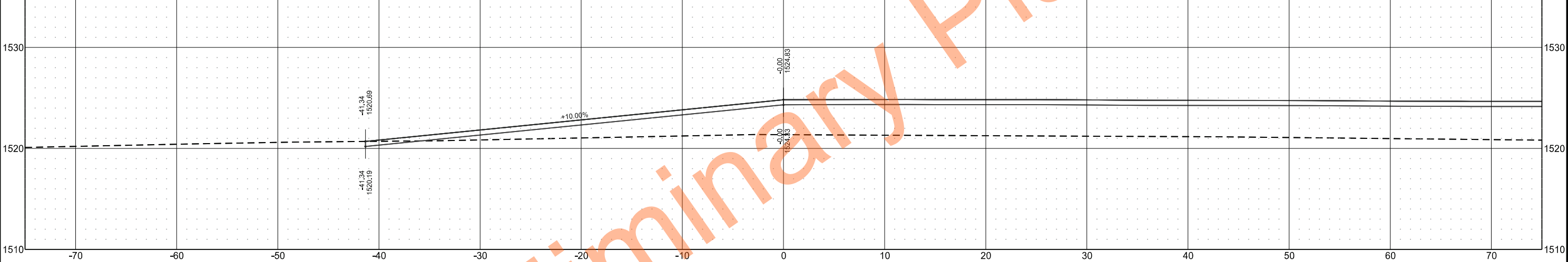


Sta 518+00.00

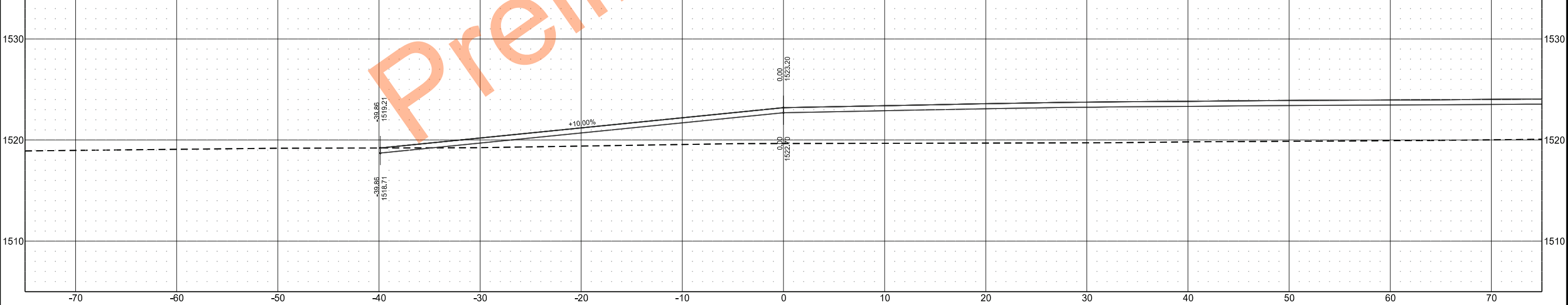


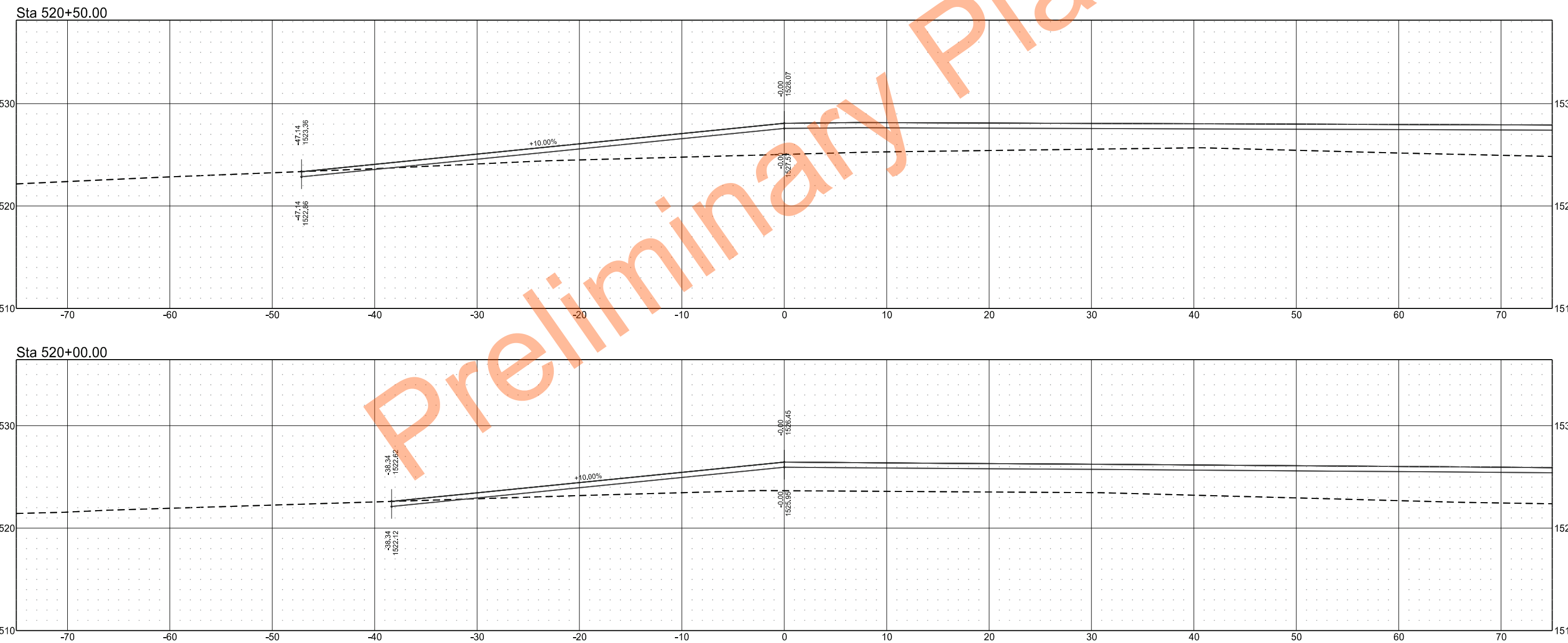
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	128

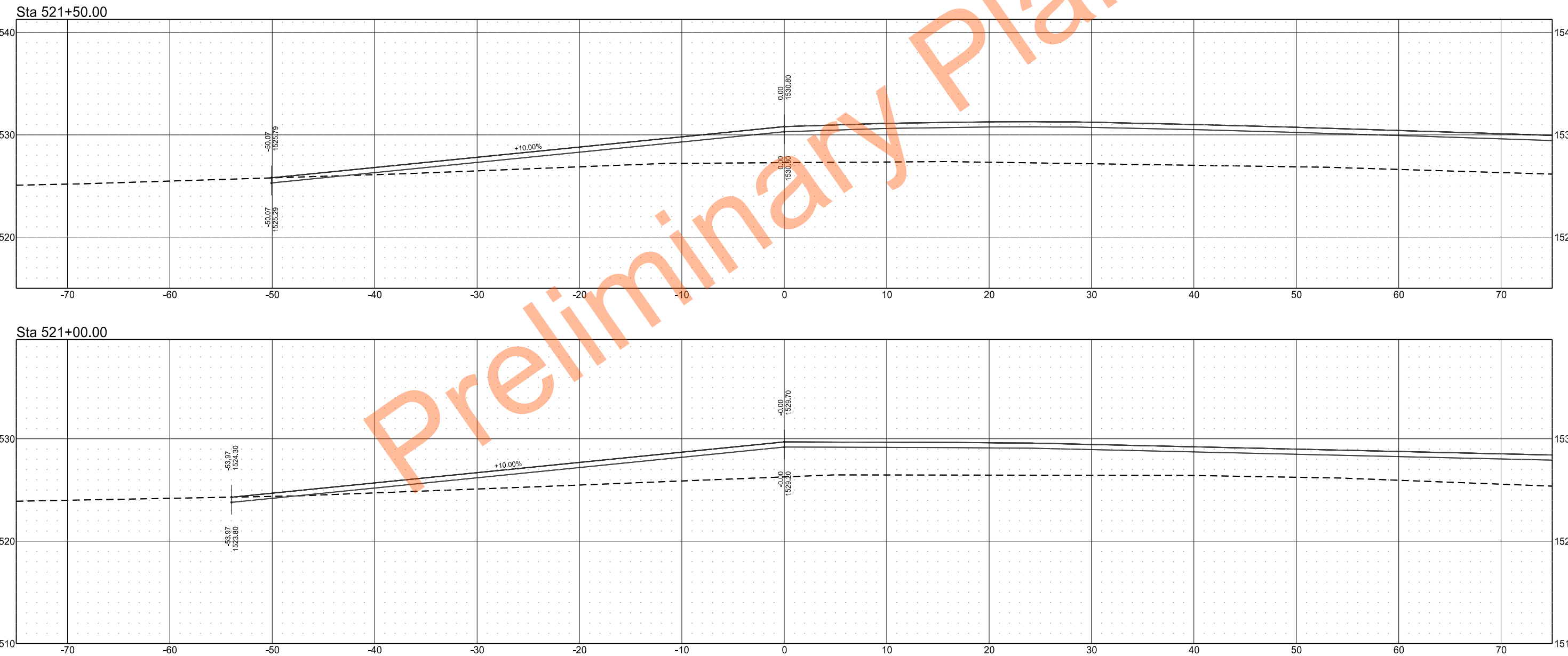
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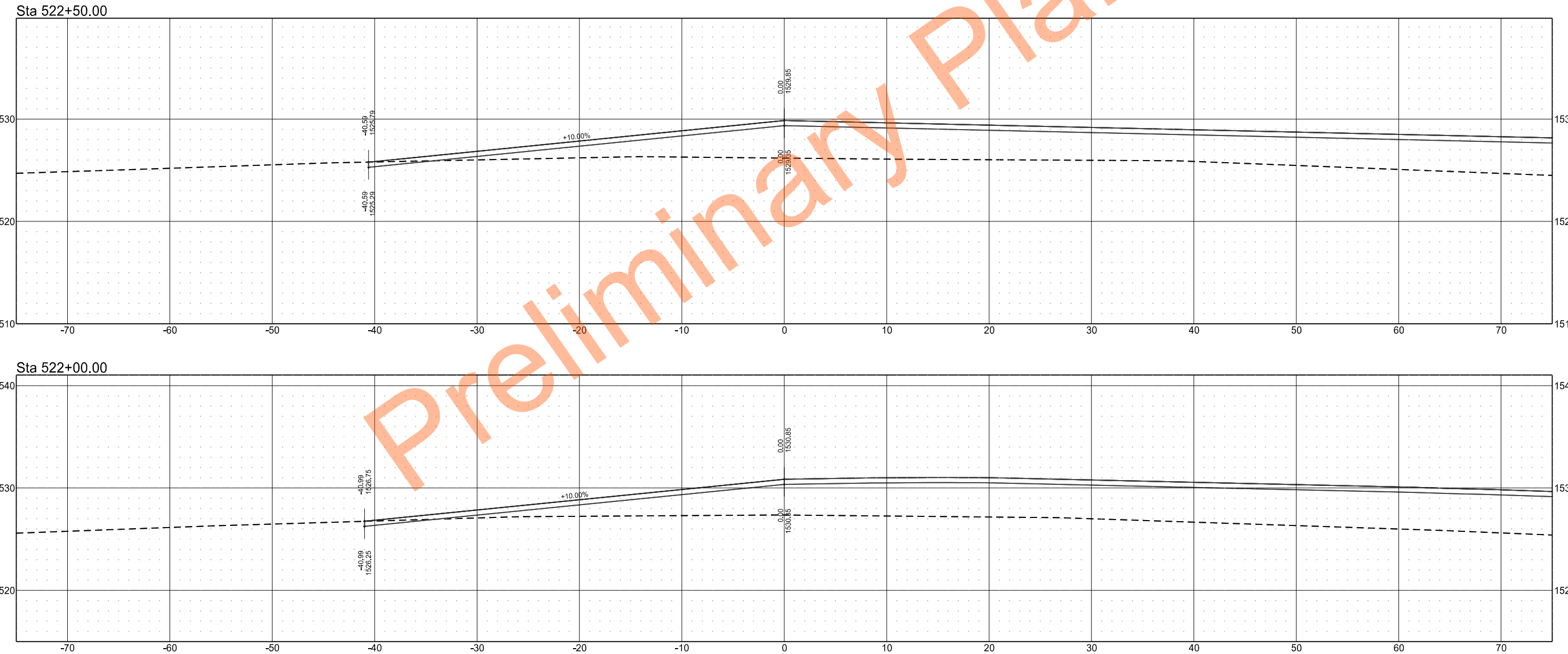


Sta 519+00.00



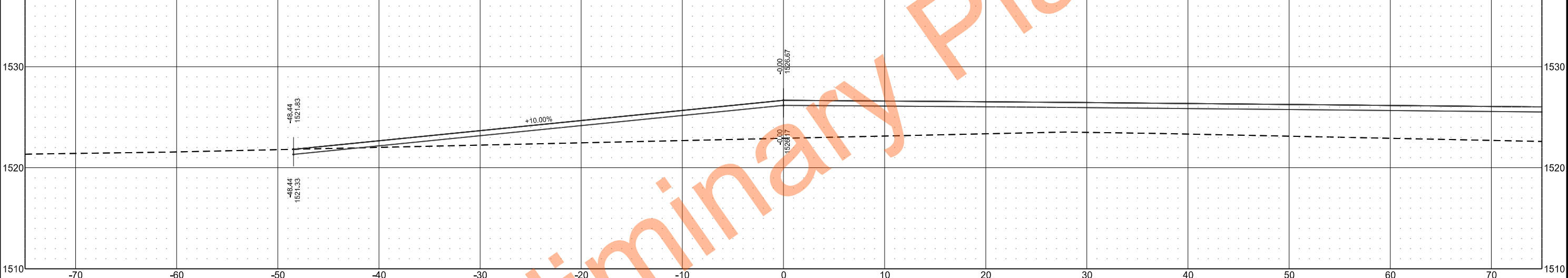






	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	SS-ARP-3-999(054)	200	132

Sta 523+50.00



Sta 523+00.00

