



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

June 6, 2025

Addendum No. 1

RE: Contract # C205015

WBS # 55041.3.1

STATE FUNDED

Haywood County (B-5541)

BRIDGE #430236 OVER SR-1513 ON I-40.

June 17, 2025 Letting

To Whom It May Concern:

Reference is made to the plans furnished to you on this project.

The following revisions have been made to the Roadway plans.

Sheet No.	Revision
2A-1, 2A-2	Added E4 for 5" B25.0C to the pavement schedule.
2A-3	Added E4 for 5" B25.0C to the pavement schedule. Added Typical #5 (Temporary Pavement)
3D-1	Invert elevations for Drainage Structure No. 0519 updated.

Please void the above listed Sheets in your Plans and staple the revised Sheets thereto.

The following revisions have been made to the Traffic Management plans.

Sheet No.	Revision
TMP-07, TMP-13	Revised to show shoring linework that was previously not visible on plan sheets.
TMP-21	Changed label to Temporary Shoring run #3
TMP-22	Changed label to Temporary Shoring runs to #9, #7, and #3
TMP-25	Changed label to Temporary Shoring run #5
TMP-26	Changed label to Temporary Shoring run #10, #8, and #5

Please void the above listed Sheets in your Plans and staple the revised Sheets thereto.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

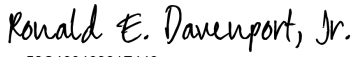
The following revisions have been made to the Cross Section plans.

Sheet No.	Revision
X-020 thru X-035	Cross Section sheets revised to show full-depth pavement from -L- 26+00 to -L- 33+50

Please void the above listed Sheets in your Plans and staple the revised Sheets thereto.

The contract will be prepared accordingly.

Sincerely,

Signed by:

52C46046381F443...

Ronald E. Davenport, Jr., PE
State Contract Officer

RED/cms
Attachments

cc: Mr. Wiley W. Jones III, PE
Mr. Wesley T. Grindstaff, PE
Mr. Ken Kennedy, PE
Mr. Malcolm Bell
Mr. Forrest Dungan, PE
Ms. Jaci Kincaid
Mr. Jon Weathersbee, PE
Project File (2)

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



- L- STA. 28+00 TO STA. 28+83 RT
- L- STA. 30+00 TO STA. 30+50 RT
- L- STA. 30+50 TO STA. 31+00 LT TO RT
- L- STA. 31+00 TO STA. 33+00 RT



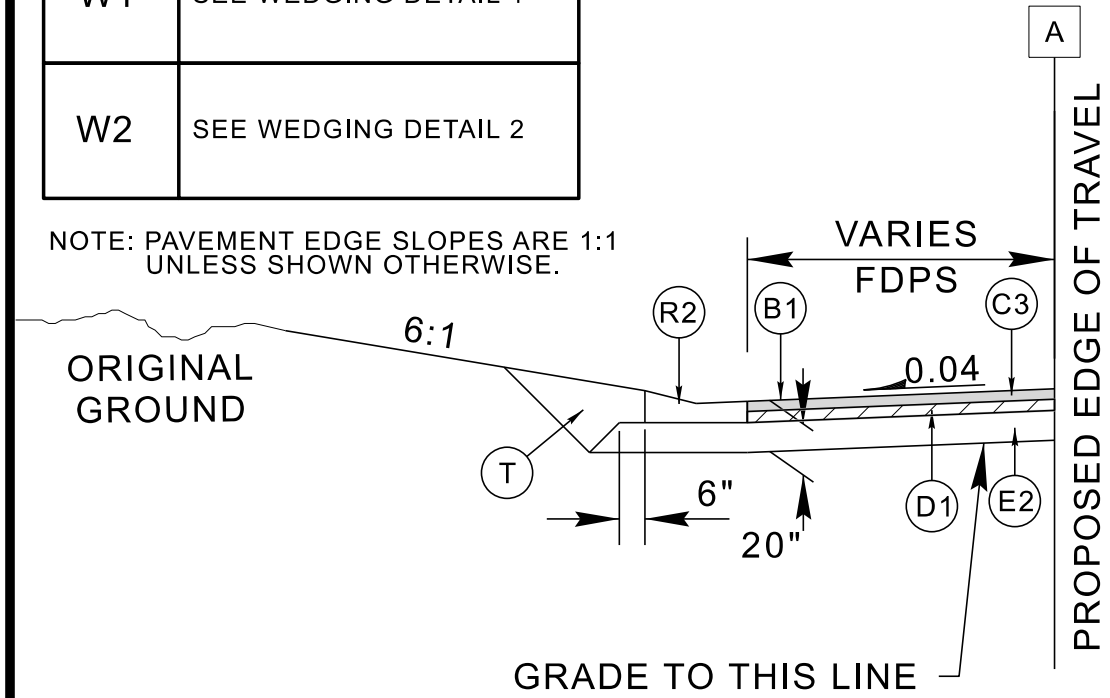
* SEE TYPICAL SECTIONS FOR DEPTHS OF MILLING, SURFACE COURSE THICKNESS AND WEDGING METHOD.



*INSTALL GEOTEXTILE FOR SUBGRADE STABILIZATION WITH MINIMUM ROLL WIDTH UNDER ROADWAY EDGES AND SHOULDERS ADJACENT TO FILL SLOPES

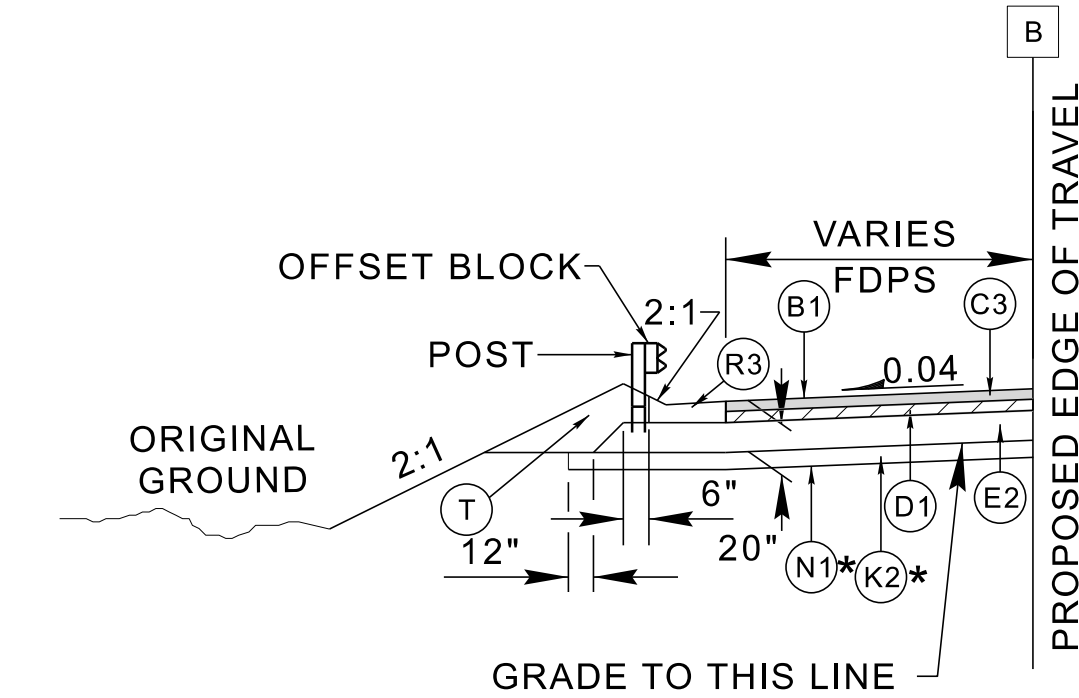
FINAL PAVEMENT SCHEDULE	
B1	FC-1 MODIFIED
C1	3" S9.5B
C2	VAR. S9.5B
C3	3" S9.5D
C4	VAR. S9.5D
D1	4" I19.0C
D2	VAR. I19.0C
E1	4" B25.0C
E2	13" B25.0C
E3	VAR. B25.0C
E4	5" B25.0C
K2	CLASS IV SUB. STAB.
N1	GEO. FOR SUB. STAB.
R1	TYPE T BARRIER
R2	EXPRESSWAY GUTTER
R3	SHOULDER BERM GUTTER (STD. 846.01)
U	EXISTING PAVEMENT
V1	2.25" MILLING
V2	INCIDENTAL MILLING
W1	SEE WEDGING DETAIL 1
W2	SEE WEDGING DETAIL 2

NOTE: PAVEMENT EDGE SLOPES ARE 1:1
UNLESS SHOWN OTHERWISE.



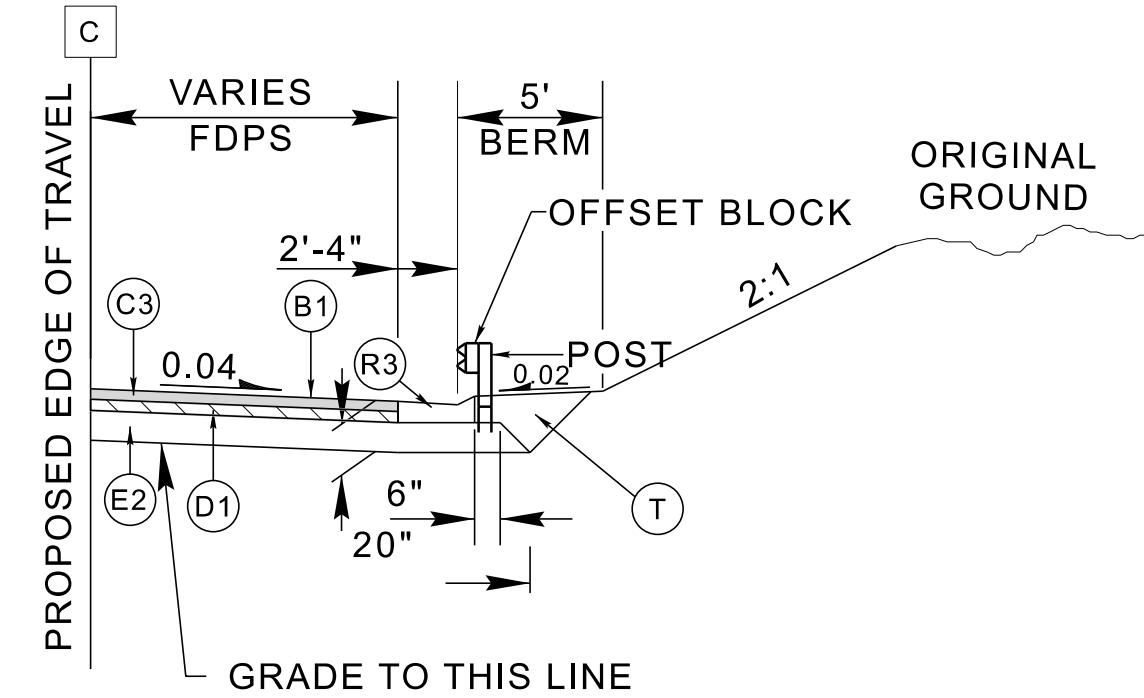
TYPICAL SECTION DETAIL A

-L- STA. 18+00.00 TO STA. 21+95.00 LT



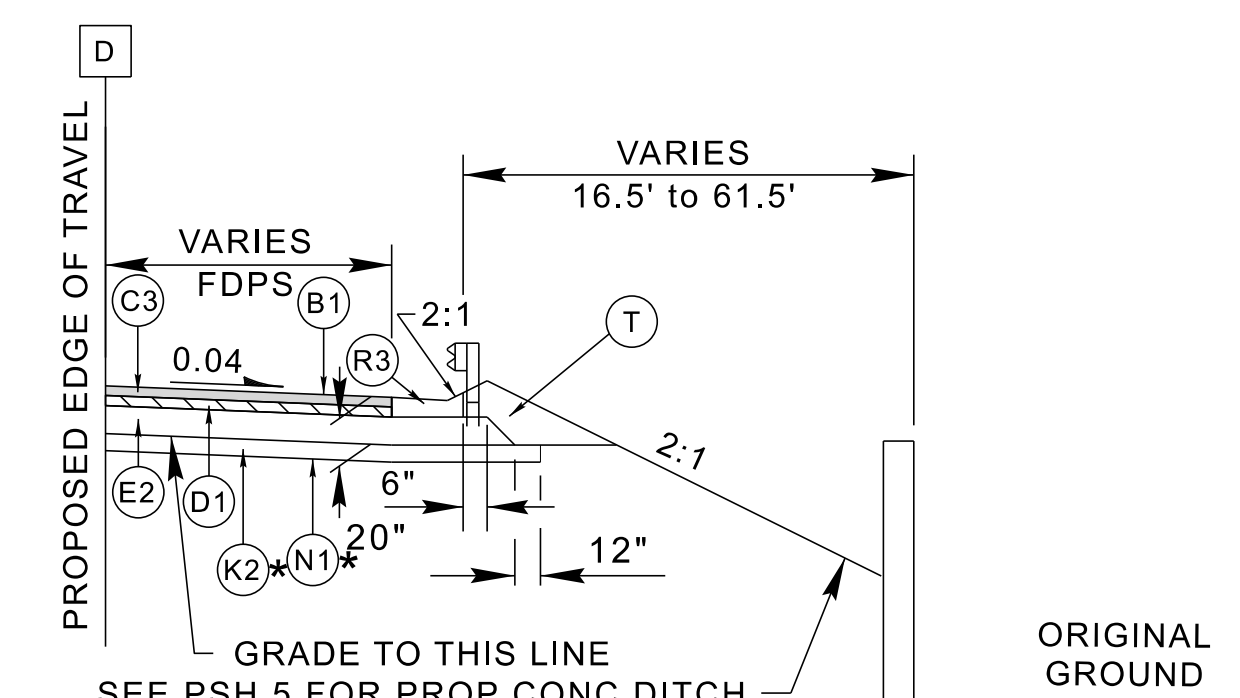
TYPICAL SECTION DETAIL B

-L- STA. 21+95.00 TO STA. 29+42.74 LT (BEGIN BRIDGE)
-L- STA. 30+47.74 (END BRIDGE) TO STA. 41+20.00 LT
-L- STA. 27+55.81 TO STA. 28+72.34 RT (BEGIN BRIDGE) (MIRROR)
-L- STA. 29+77.34 (END BRIDGE) TO STA. 30+15.79 RT (MIRROR)
-L- STA. 32+35.00 TO STA. 34+00.00 RT (MIRROR)
-L- STA. 37+28.86 TO STA. 42+00.00 RT (MIRROR)



TYPICAL SECTION DETAIL C

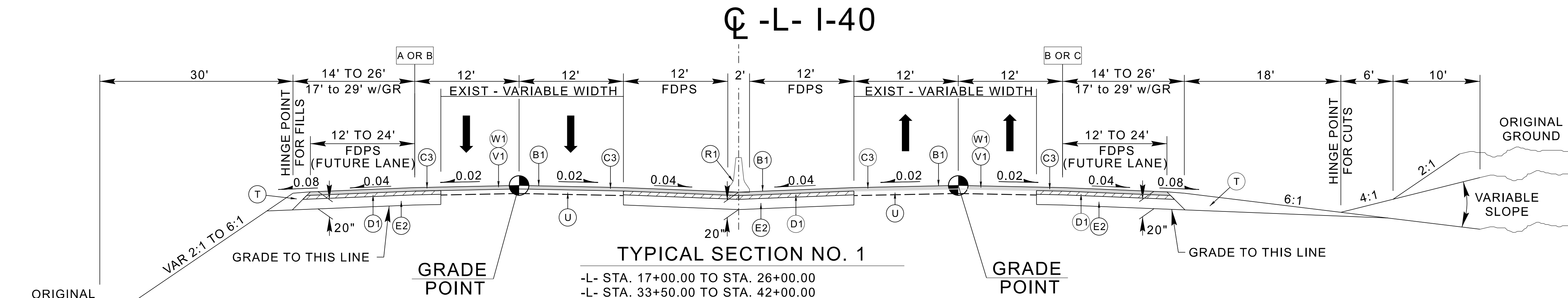
-L- STA. 18+00.00 TO STA. 27+55.81 RT
-L- STA. 34+00.00 TO STA. 37+28.86 RT



TYPICAL SECTION DETAIL D

-L- STA. 30+15.79 TO STA. 32+35.00 RT

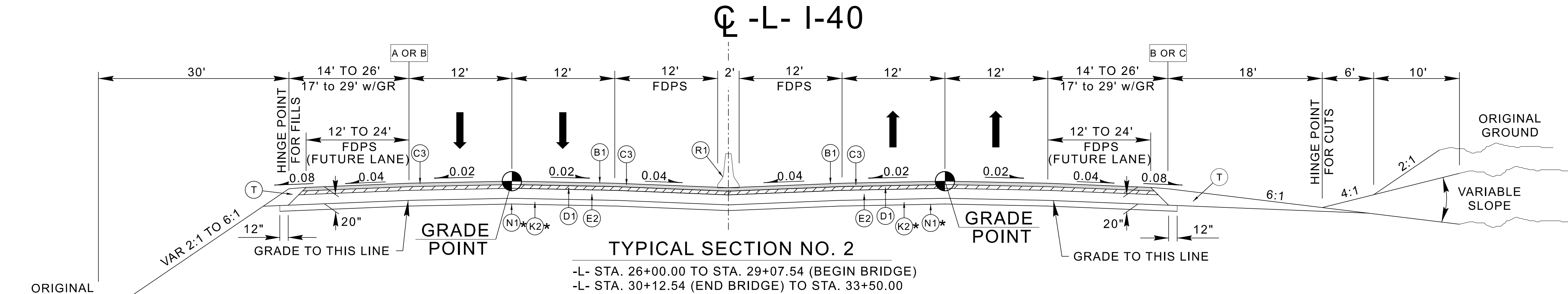
*SEE DETAIL OF AGGREGATE SUBGRADE STABILIZATION ON SHEET 2A-1 FOR STATION RANGE



TYPICAL SECTION NO. 1

-L- STA. 17+00.00 TO STA. 26+00.00
-L- STA. 33+50.00 TO STA. 42+00.00

NOTES:
SEE PLANS FOR TAPERS.
SEE DETAIL A FOR EXPRESSWAY GUTTER DETAIL.
SEE DETAIL B & C FOR SHOULDER BERM GUTTER DETAIL.



TYPICAL SECTION NO. 2

-L- STA. 26+00.00 TO STA. 29+07.54 (BEGIN BRIDGE)
-L- STA. 30+12.54 (END BRIDGE) TO STA. 33+50.00

NOTES:
SEE PLANS FOR TAPERS.
SEE DETAIL B, C & D FOR SHOULDER BERM GUTTER DETAIL.
*SEE DETAIL OF AGGREGATE SUBGRADE STABILIZATION ON SHEET 2A-1 FOR STATION RANGE

B-5541

R/W2A-2

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
HAYWOOD COUNTY

ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER
5/4/2025

NORTH CAROLINA
PROFESSIONAL
SEAL
024416
ENGINEER
SCOTT CLARK

5/4/2025

NORTH CAROLINA
PROFESSIONAL
SEAL
024964
ENGINEER
JOSEPH T. HOLLAND

5/4/2025

NORTH CAROLINA
PROFESSIONAL
SEAL
024964
ENGINEER
JOSEPH T. HOLLAND

5/4/2025

PREPARED BY
NIVI5

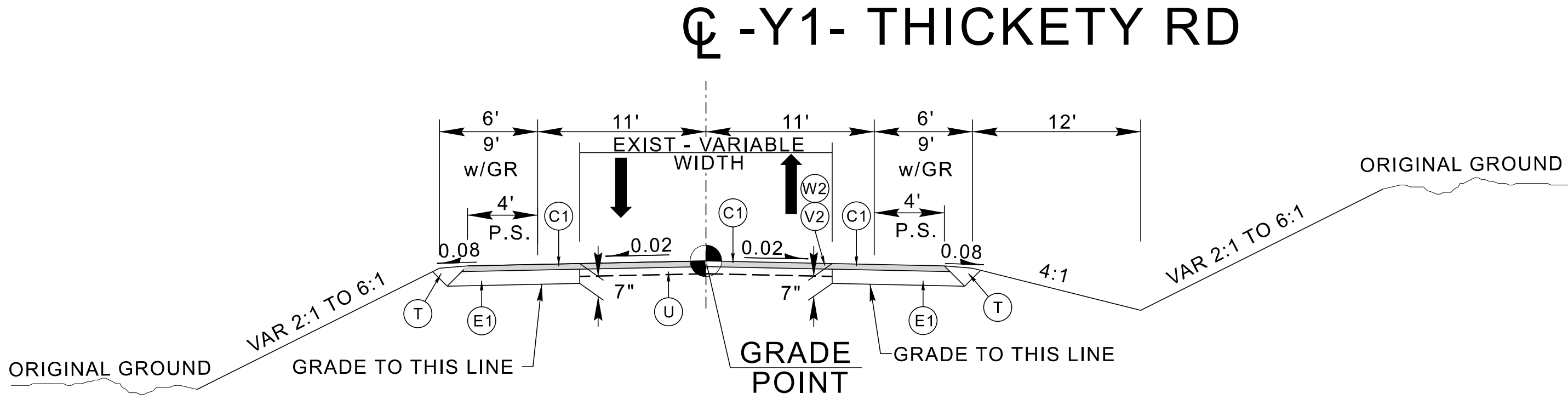
NIVI ENGINEERING & CONSULTANTS, INC.
2300 RESERVACY PARKWAY, SUITE 100
CARY, NC 27513
(919) 467-1111
WWW.NIVIENGINEERING.COM

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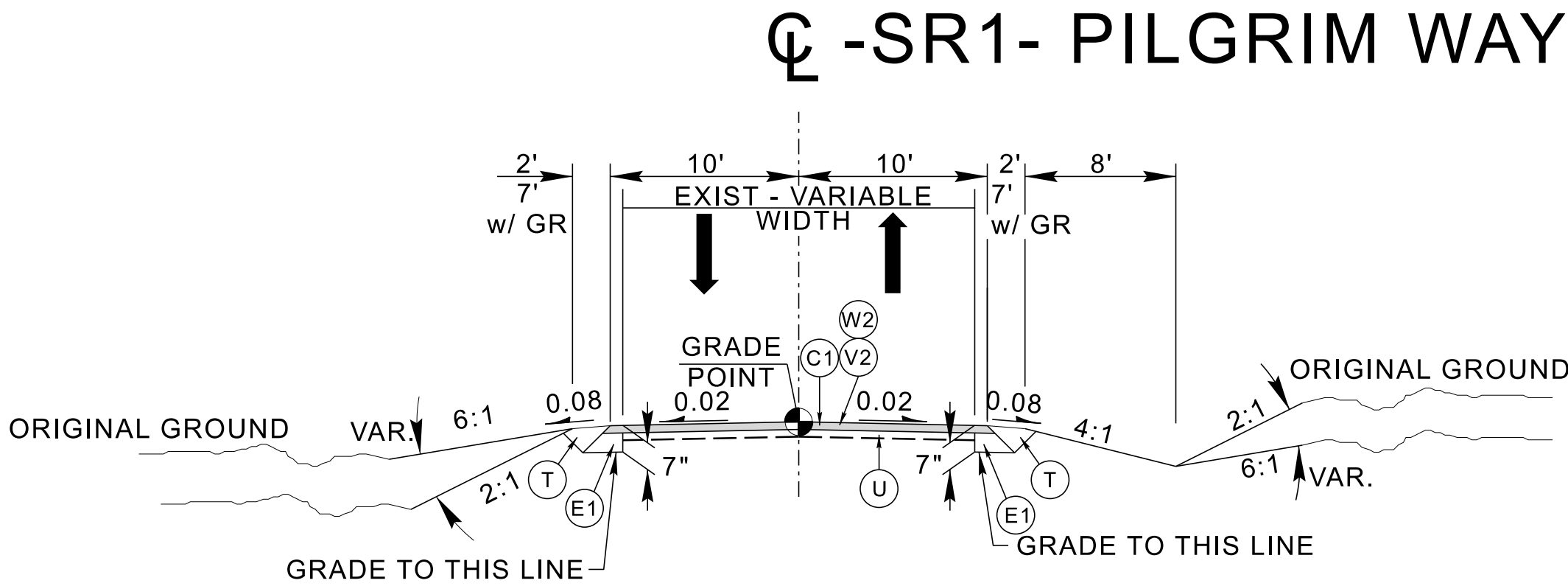
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C4	VAR. S9.5D
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U	EXISTING PAVEMENT
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W1	SEE WEDGING DETAIL 1
W2	SEE WEDGING DETAIL 2

NOTE: PAVEMENT EDGE SLOPES ARE 1:1
UNLESS SHOWN OTHERWISE.



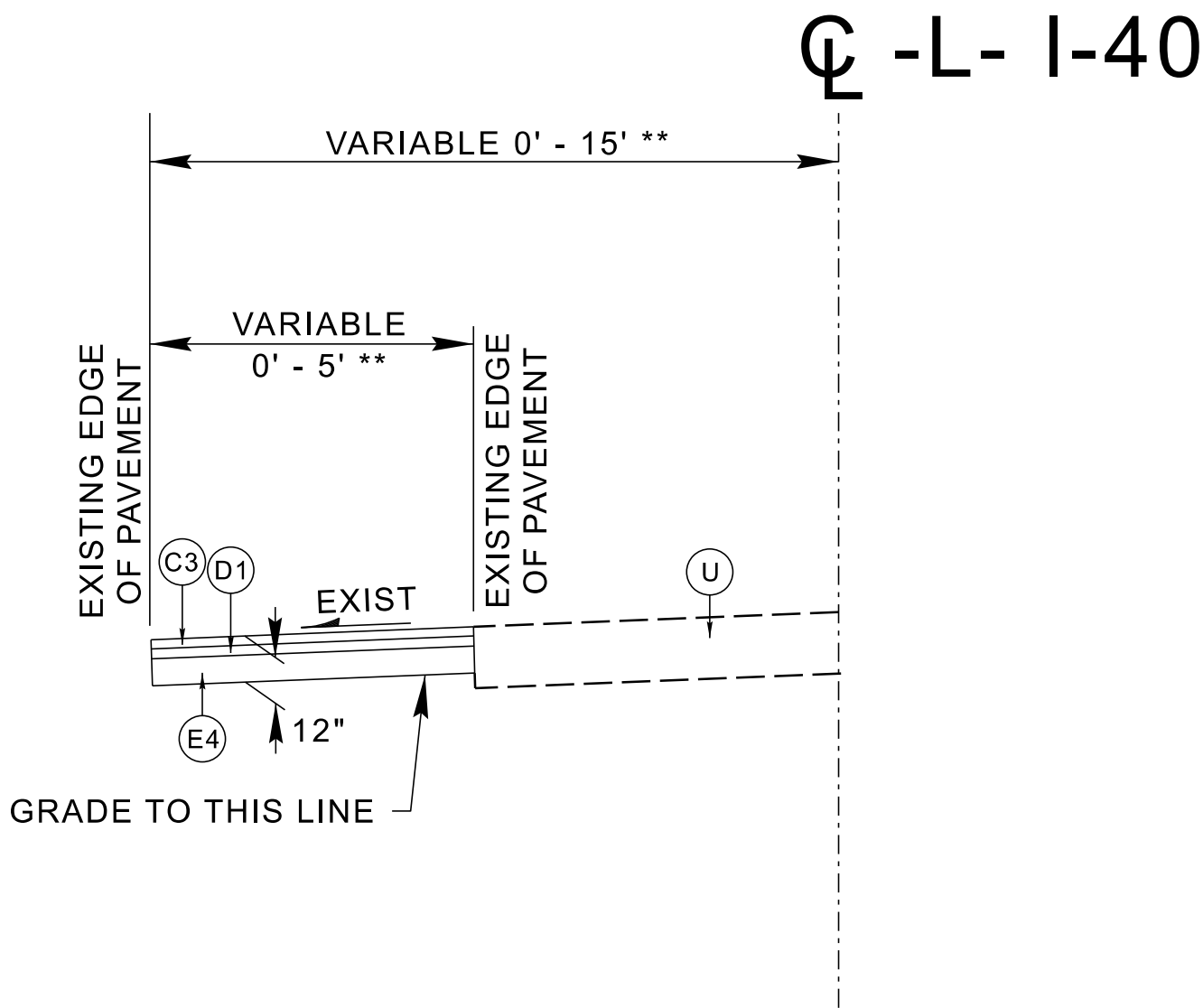
TYPICAL SECTION NO. 3

-Y1- STA. 20+00.00 TO STA. 26+50.00



TYPICAL SECTION NO. 4

-SR1- STA. 18+50.00 TO STA. 20+50.05



TYPICAL SECTION NO. 5
(TEMPORARY PAVEMENT)

-L- STA. 14+00.00 TO STA. 22+00.00 RT (MIRROR)
-L- STA. 22+00.00 TO STA. 29+87.00 LT
-L- STA. 30+50.00 TO STA. 37+00.00 LT
-L- STA. 37+00.00 TO STA. 46+60.00 RT (MIRROR)

** SEE TMP PLANS FOR EXACT WIDTHS AND OFFSETS OF TEMPORARY PAVEMENT

B-5541

R/W2A-3

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
HAYWOOD COUNTY

ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER

6/4/2025

Designed by
Scott Clark

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
HAYWOOD COUNTY

ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER

6/4/2025

Signed by
Joseph T. Holland

PREPARED BY

NIVIS

NIVIS ENGINEERING & CONSULTANTS, INC.
2300 REGENCY PARKWAY, SUITE 100
CARY, NC 27513
(919) 467-1111
WWW.NIVIS-NC.COM

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CHECKED BY: _____	WJW	DATE: _____	6/2/2025

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications For Roads and Structures, Section 300-5".

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

[illegible]

PROJ. REFERENCE NO.	SHEET NO.
B-5541	TMP-07

- 1

QUANTITY = 176 SF

TEMPORARY SHORING

FROM STA. 28+67 -L- +/-, 19.3' RT. OF CL

TO STA. 29+22 -L- +/-, 19.3' RT. OF CL

(SEE SHEET TMP-02C FOR

TEMPORARY SHORING NOTES)
- 2

QUANTITY = 202 SF

TEMPORARY SHORING

FROM STA. 29+76 -L- +/-, 19.6' RT. OF CL

TO STA. 30+39 -L- +/-, 19.6' RT. OF CL

(SEE SHEET TMP-02C FOR

TEMPORARY SHORING NOTES)

- 3

QUANTITY = 1036 SF

TEMPORARY SHORING

FROM STA. 25+80 -L- +/-, 16.7' RT. OF CL

TO STA. 29+50 -L- +/-, 22.1' RT. OF CL

(SEE SHEET TMP-02C FOR

TEMPORARY SHORING NOTES)
- 4

QUANTITY = 518 SF

TEMPORARY SHORING

FROM STA. 29+50 -L- +/-, 22.1' RT. OF CL

TO STA. 29+19 -L- +/-, 22.1' RT. OF CL

(SEE SHEET TMP-02C FOR

TEMPORARY SHORING NOTES)
- 5

QUANTITY = 347 SF

TEMPORARY SHORING

FROM STA. 29+69 -L- +/-, 22.1' RT. OF CL

TO STA. 30+20 -L- +/-, 22.1' RT. OF CL

(SEE SHEET TMP-02C FOR

TEMPORARY SHORING NOTES)
- 6

QUANTITY = 483 SF

TEMPORARY SHORING

FROM STA. 30+20 -L- +/-, 22.1' RT. OF CL

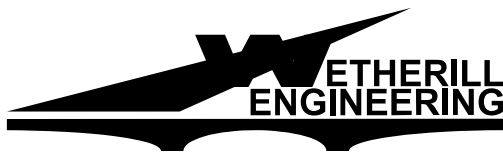
TO STA. 32+50 -L- +/-, 17.1' RT. OF CL

(SEE SHEET TMP-02C FOR

TEMPORARY SHORING NOTES)

NOTES:

- 1) REMOVE BRIDGE RAILING BUT RETAIN CURBING.
- [REFER TO SHEETS TMP-18 & 21]
- 2) LATERAL OFFSETS FOR TEMPORARY SHORING ARE MEASURED FROM THE CENTERLINE OF -L- TO THE FRONT FACE OF THE SHORING.

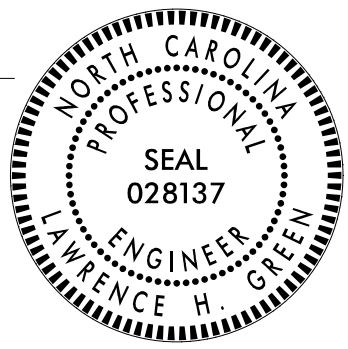


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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

APPROVED:

DATE: 6/3/2025



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PHASE I DETAIL

PROJ. REFERENCE NO.	SHEET NO.
B-5541	TMP-13

- 9

QUANTITY = 221 SF

TEMPORARY SHORING

FROM STA. 28+97 -L- +/-, 22.1' LT. OF CL

TO STA. 29+45 -L- +/-, 22.1' LT. OF CL

(SEE SHEET TMP-02C FOR

TEMPORARY SHORING NOTES)
- 10

QUANTITY = 304 SF

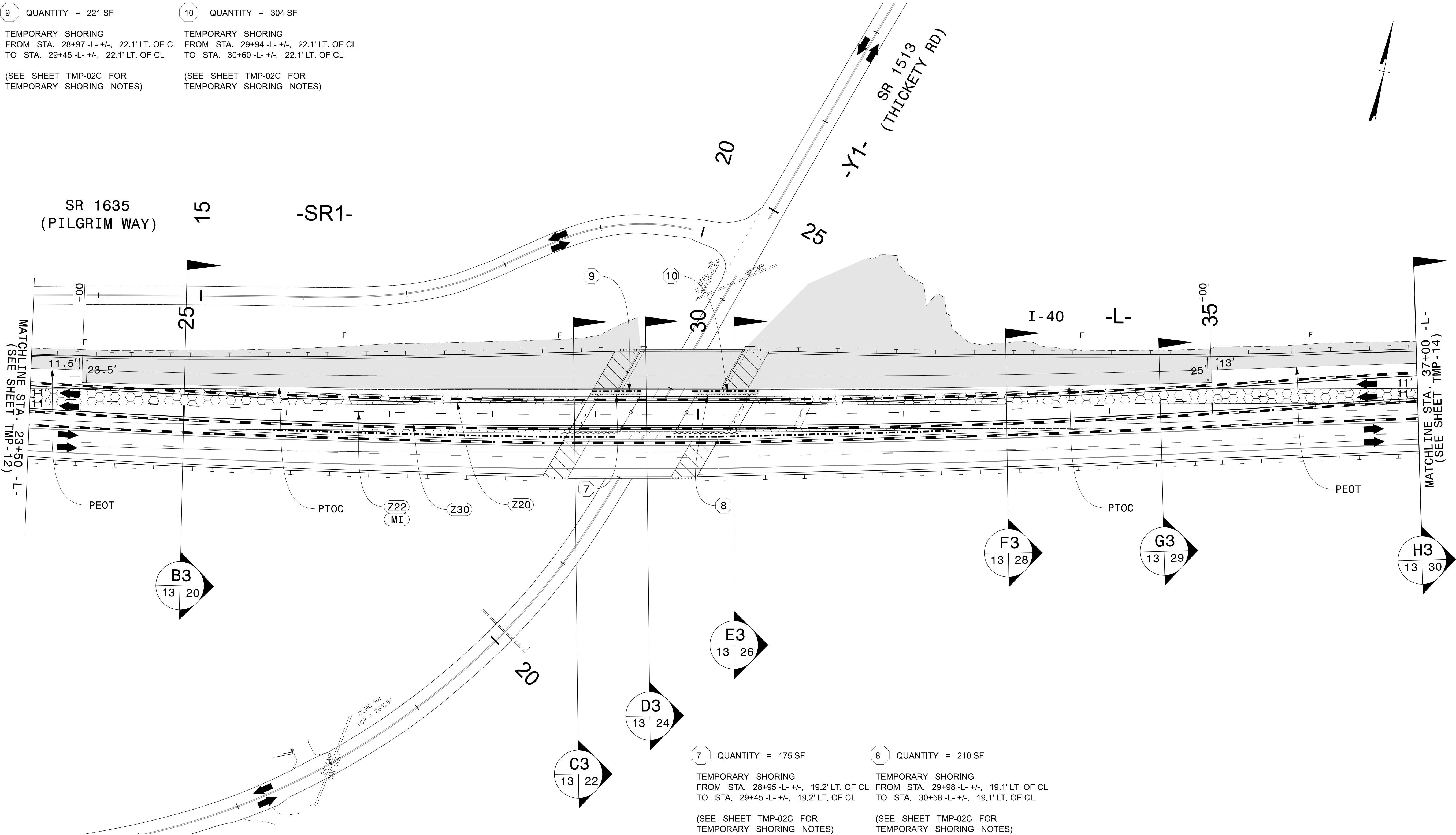
TEMPORARY SHORING

FROM STA. 29+94 -L- +/-, 22.1' LT. OF CL

TO STA. 30+60 -L- +/-, 22.1' LT. OF CL

(SEE SHEET TMP-02C FOR

TEMPORARY SHORING NOTES)



NOTES:
1) LATERAL OFFSETS FOR TEMPORARY SHORING ARE MEASURED FROM THE CENTERLINE OF -L- TO THE FRONT FACE OF THE SHORING.



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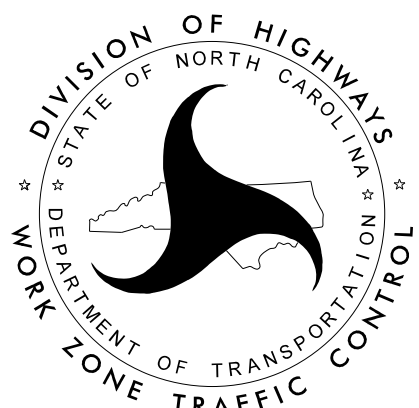
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

APPROVED:

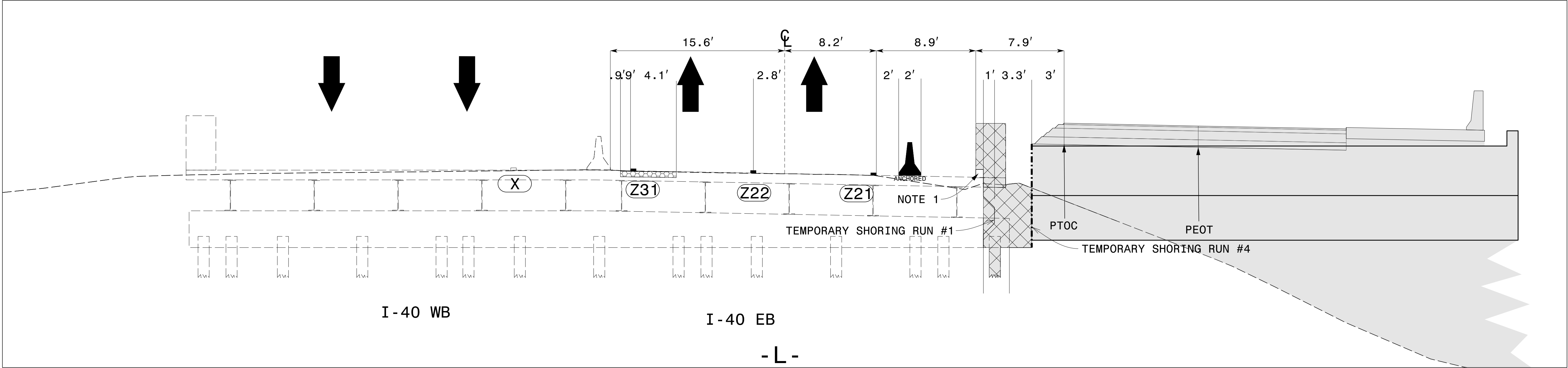
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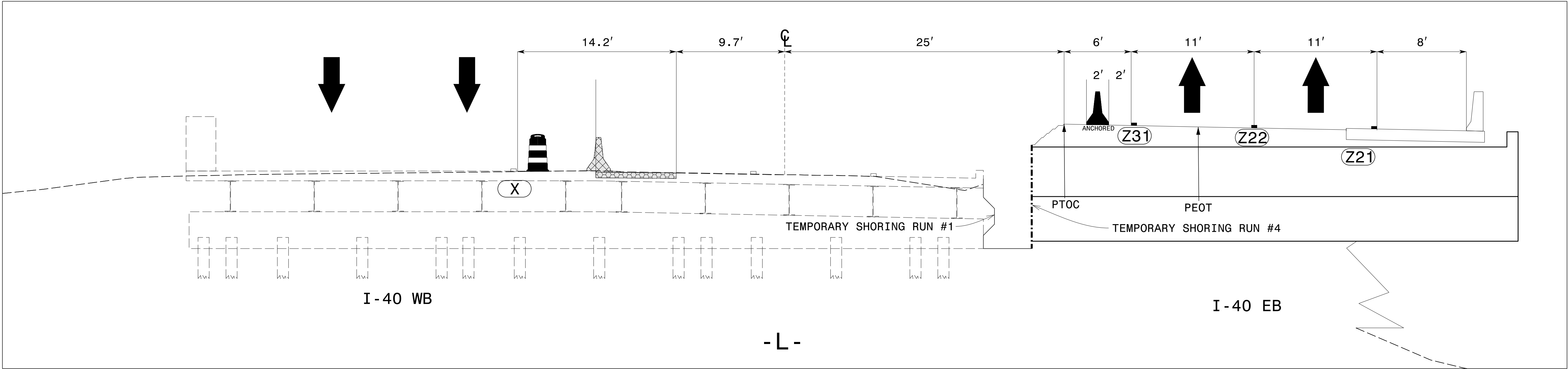


PHASE III DETAIL



A circular diagram divided into three sections. The top section is labeled 'C1'. The bottom-left section is labeled '07'. The bottom-right section is labeled '21'.

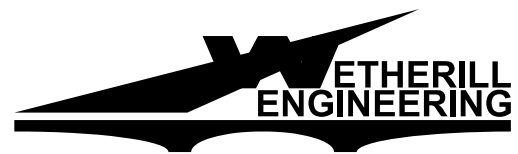
STA. 28+72 -L- -
STA. 29+45 -L-
CUT SECTION



A circle is divided into three regions. The top half is labeled 'C2'. The bottom half is divided into two equal parts, labeled '10' on the left and '21' on the right.

STA. 28+72 -L- -
STA. 29+45 -L-
CUT SECTION

NOTES:
1) REMOVE BRIDGE RAILING BUT RETAIN CURBING.
[REFER TO SHEET TMP-07]



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CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

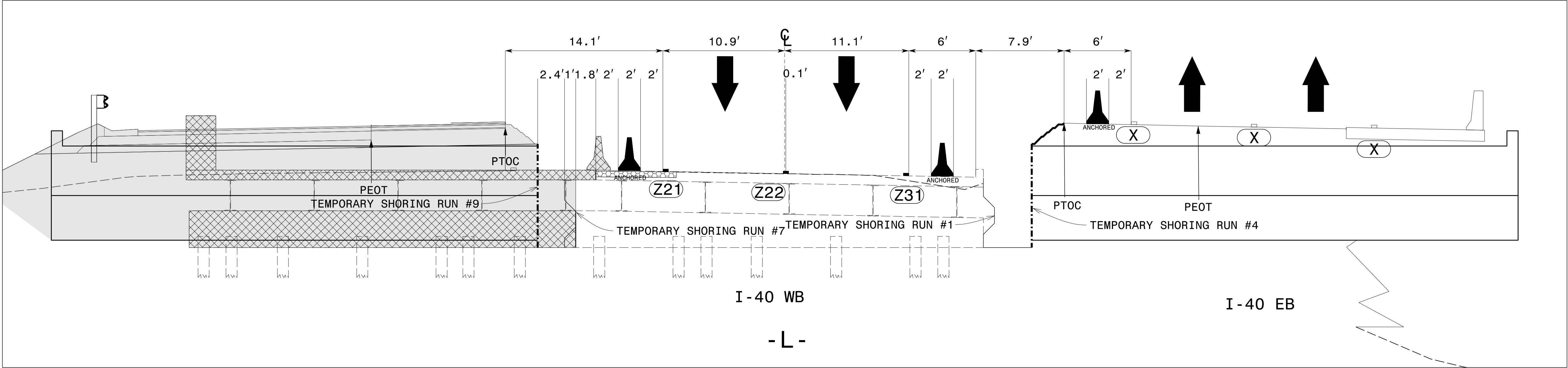
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DATE: 6/4/2025



CUT SECTION C

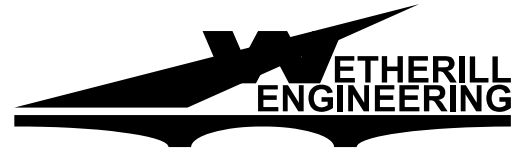
PROJ. REFERENCE NO.	SHEET NO.
B-5541	TMP-22



C3
13 22

STA. 28+72 -L- -
STA. 29+45 -L- -
CUT SECTION

6/4/2025
P:\2023\23377\LB-5541\Traffic Design\2 Plan Design\4 WZTC\B-5541_TMP_22_C2_ORD_10_12.dgn
User:AHayes



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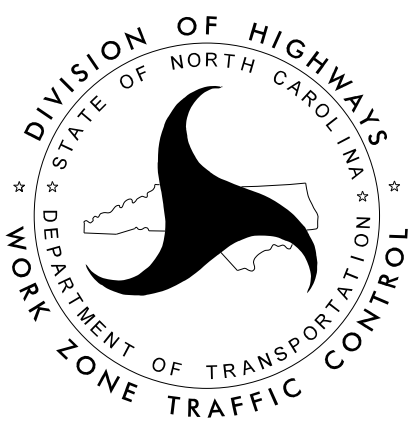
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CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

APPROVED: *Lawrence H. Green*

DATE: 6/4/2025

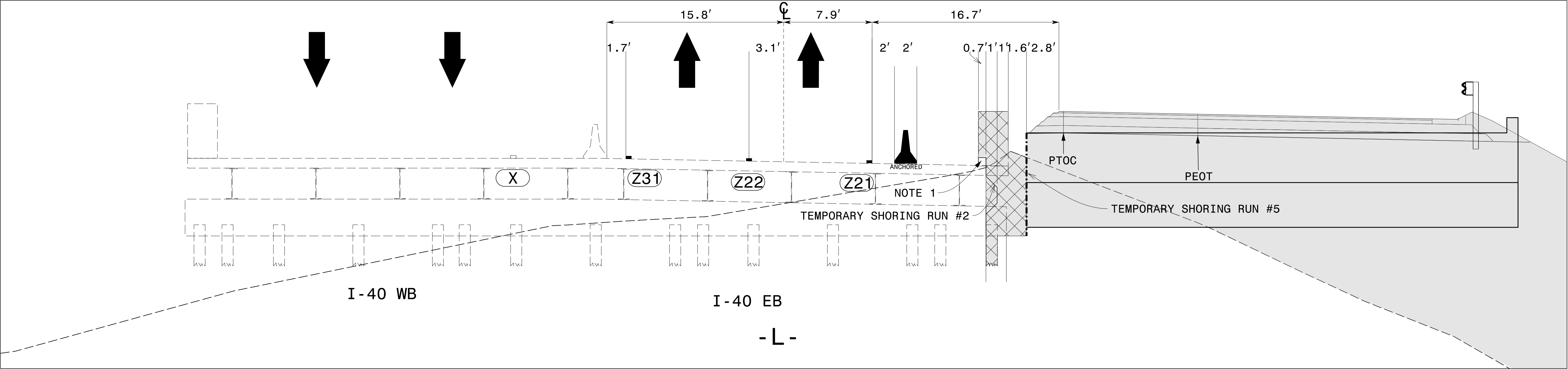


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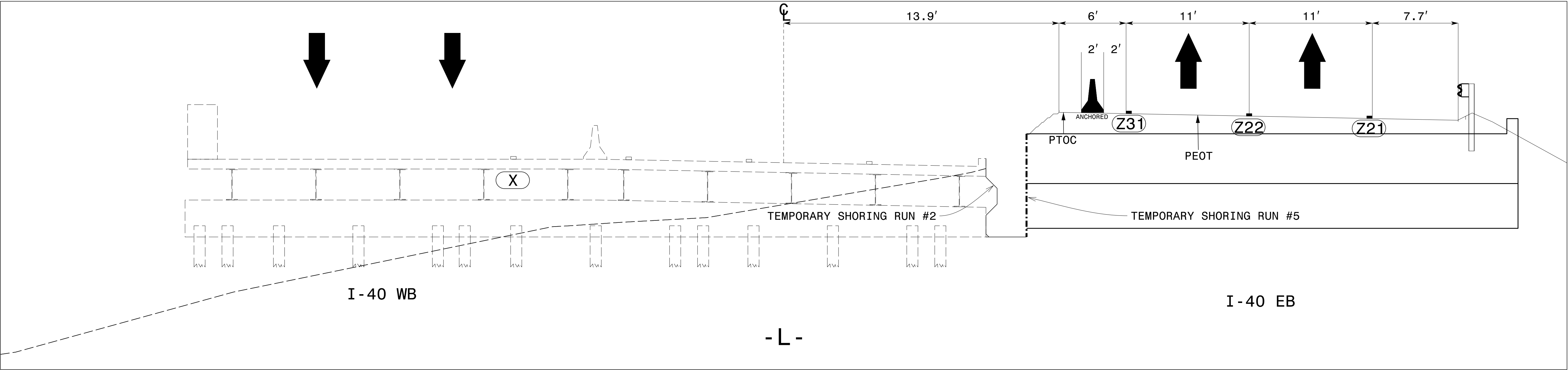
CUT SECTION C

PROJ. REFERENCE NO.	SHEET NO.
B-5541	TMP-25



E1
07 25

STA. 29+75 -L- -
STA. 30+50 -L- -
CUT SECTION



E2
10 25

STA. 29+75 -L- -
STA. 30+50 -L- -
CUT SECTION

NOTES:
1) REMOVE BRIDGE RAILING BUT RETAIN CURBING.
[REFER TO SHEET TMP-07]



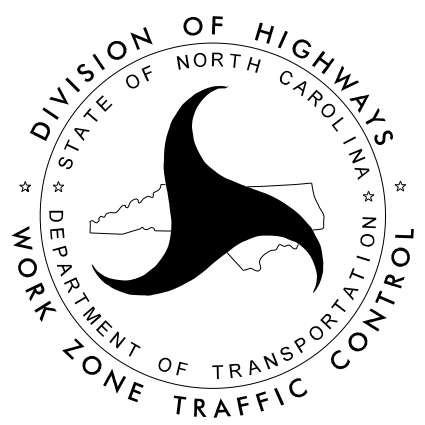
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
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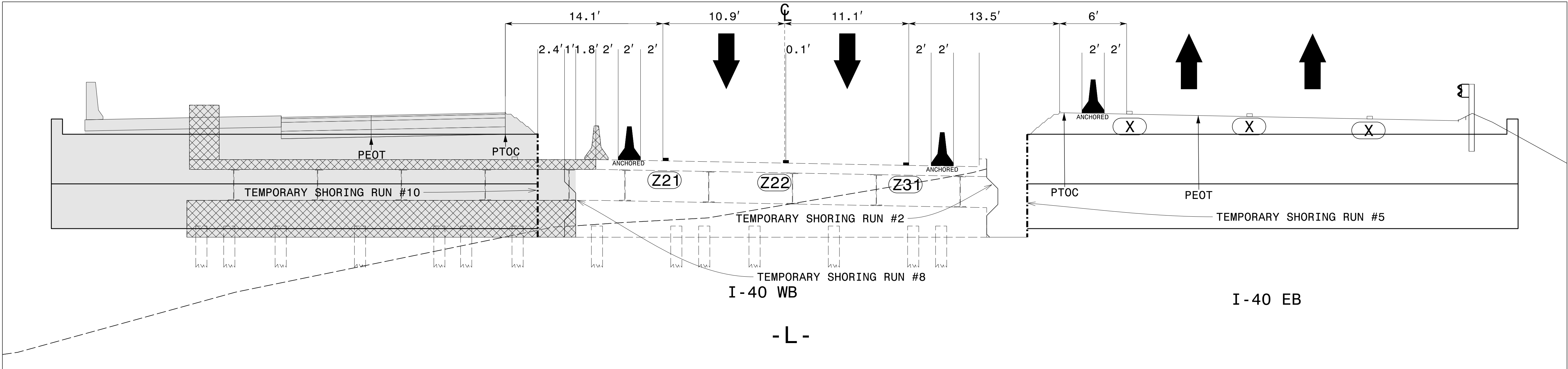
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CUT SECTION E



STA. 29+75 -L- -
STA. 30+50 -L-
CUT SECTION

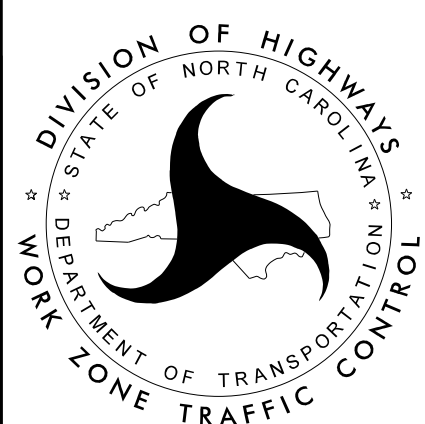
6/4/2025
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User:AHayes

APPROVED: _____
DeaSigned by:
Lawrence H. Green
40037069280485

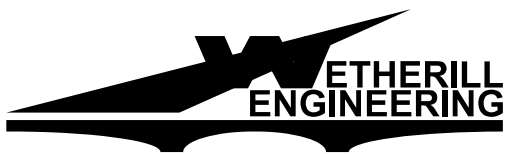
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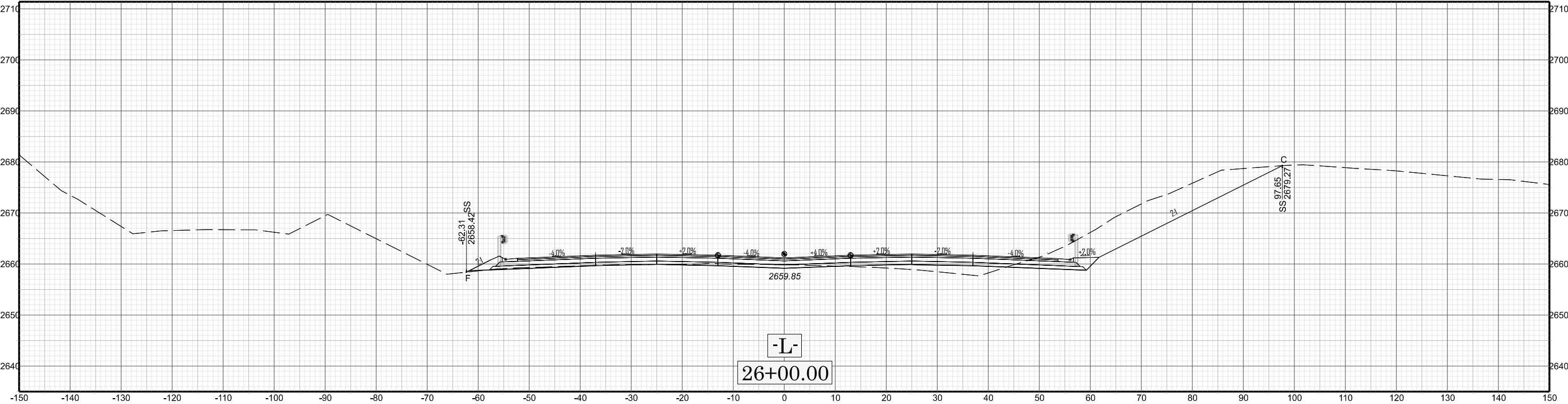


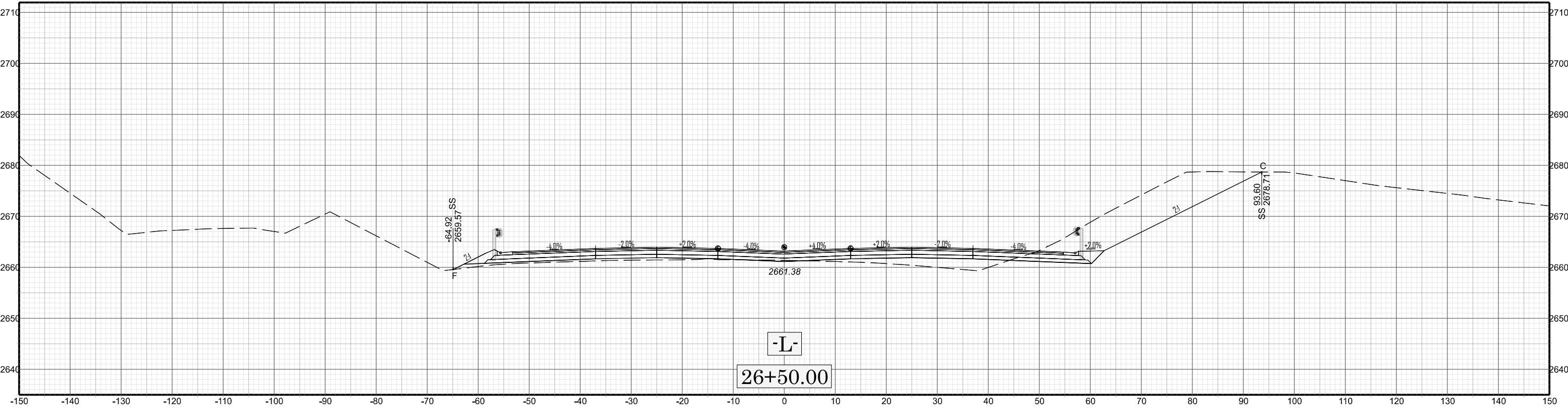
CUT SECTION E

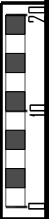
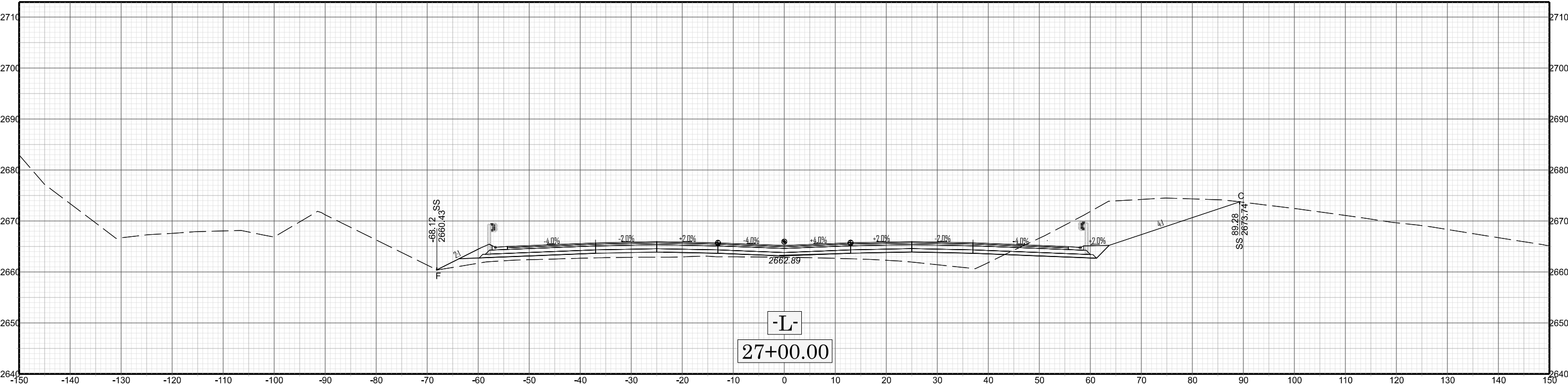


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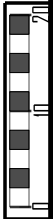
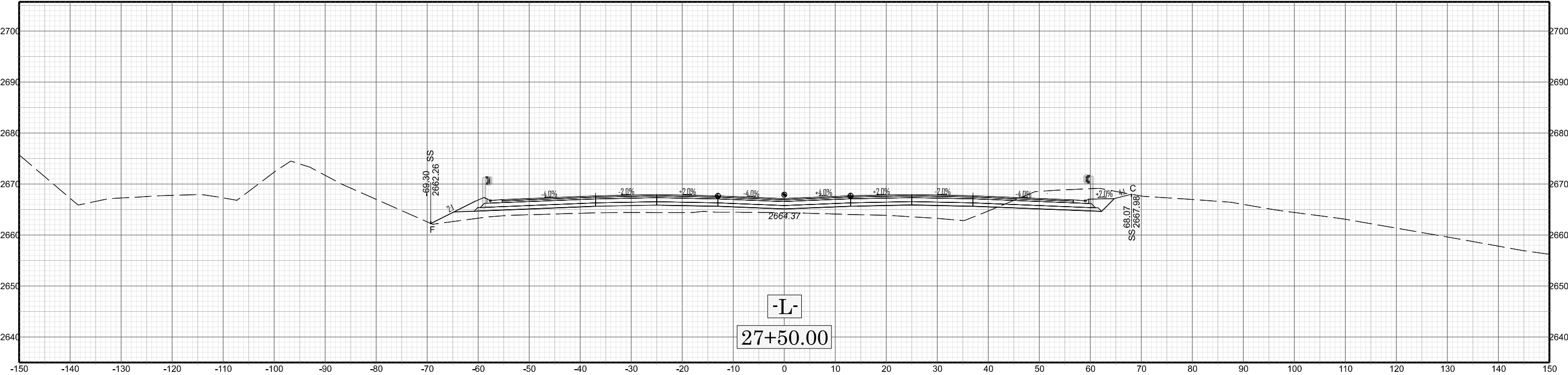






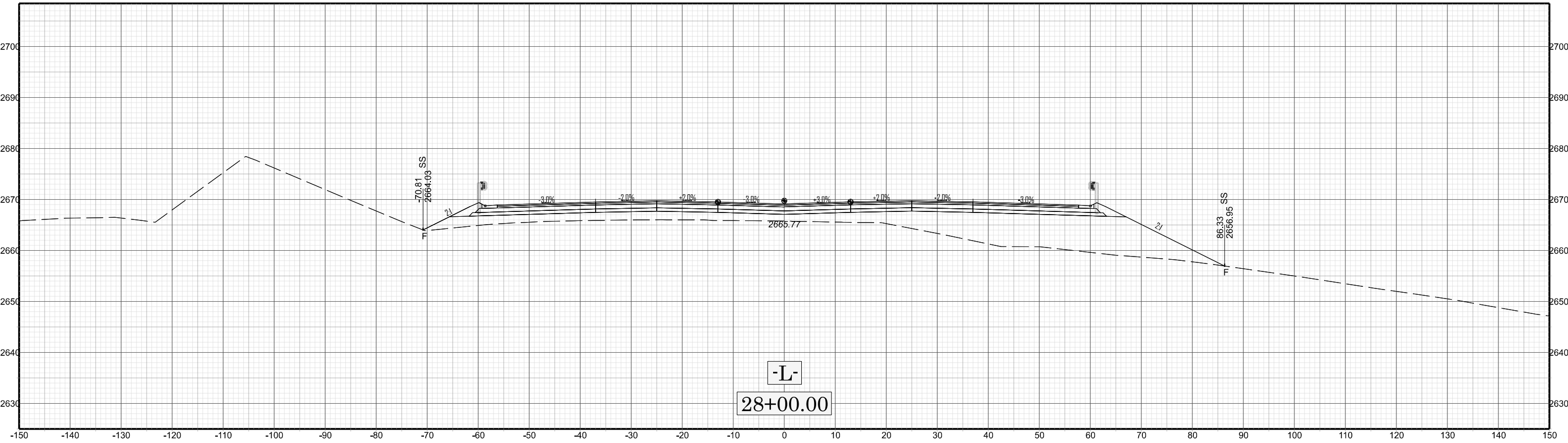
X 022

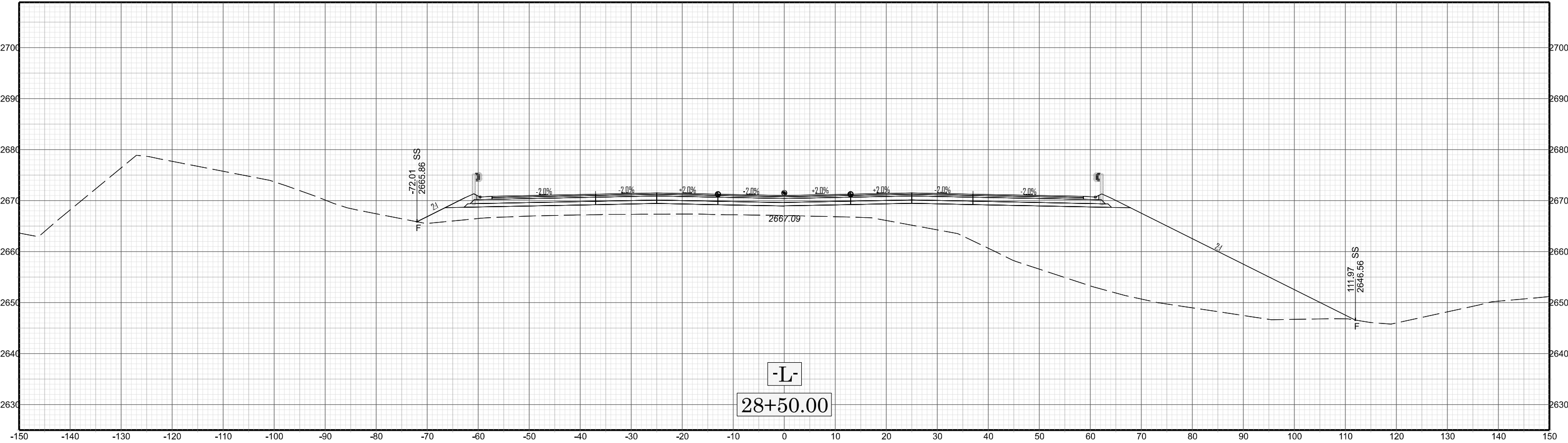
B-5541

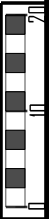
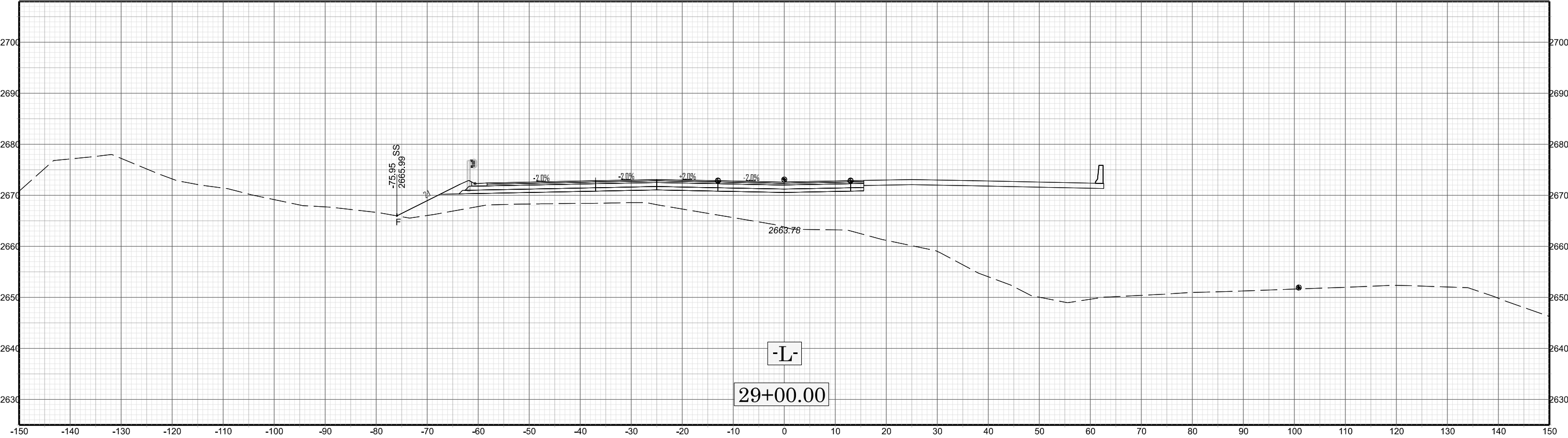


X 023

B-554

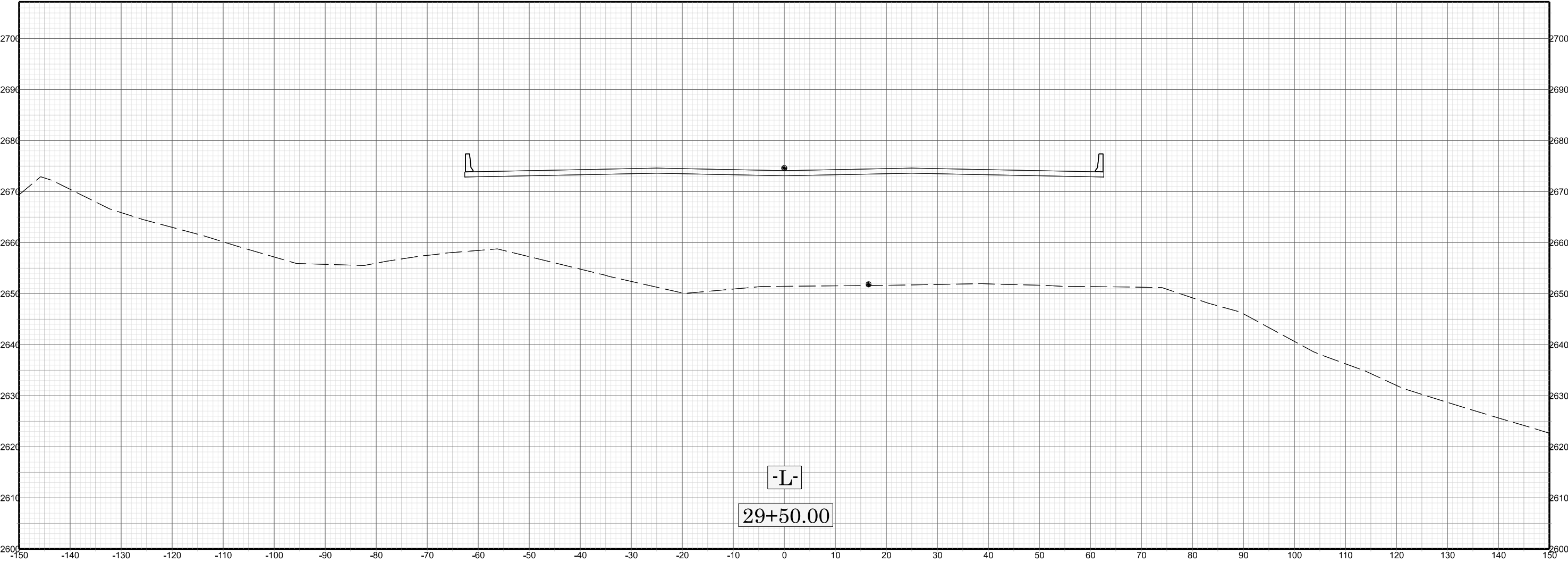


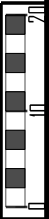
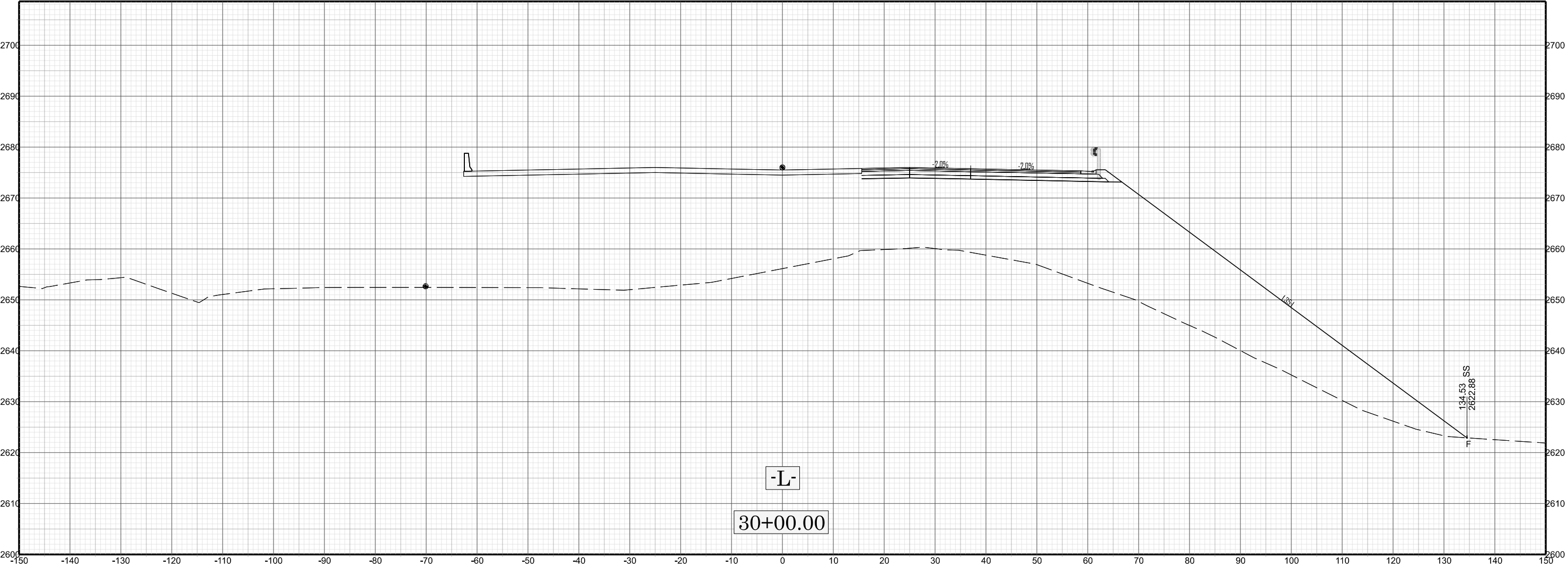




X 026

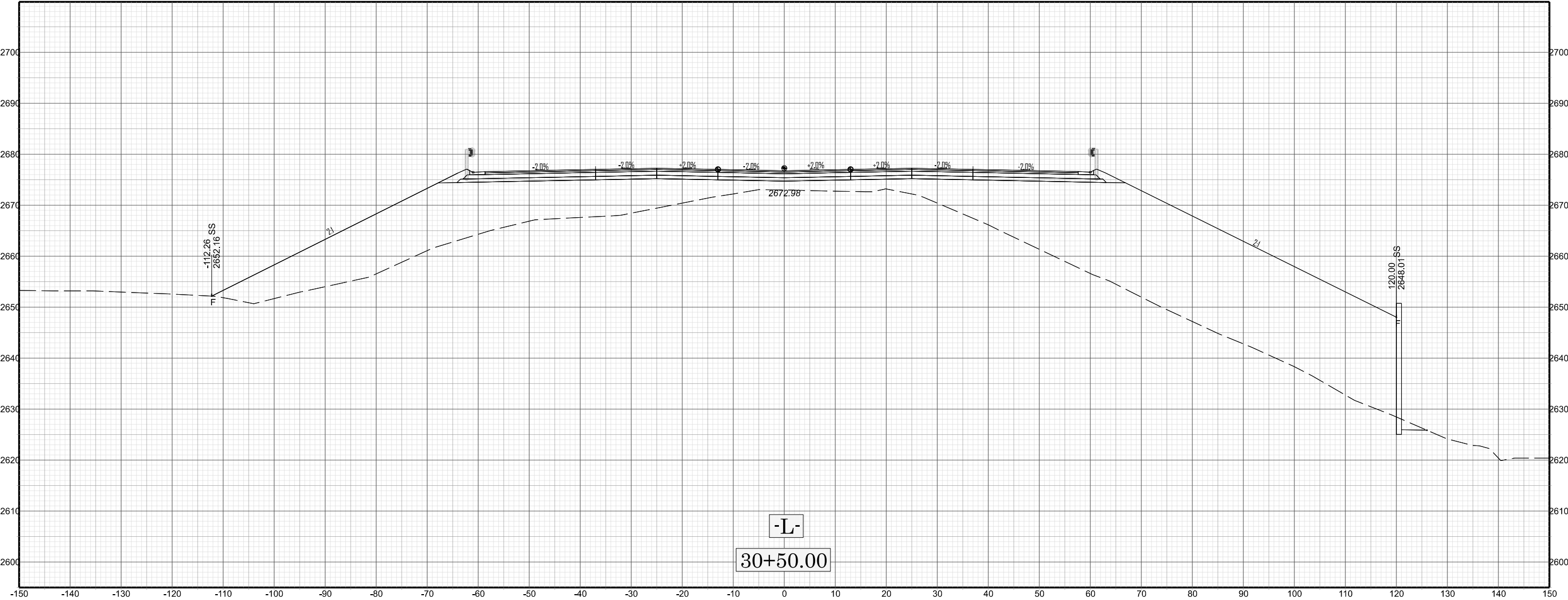
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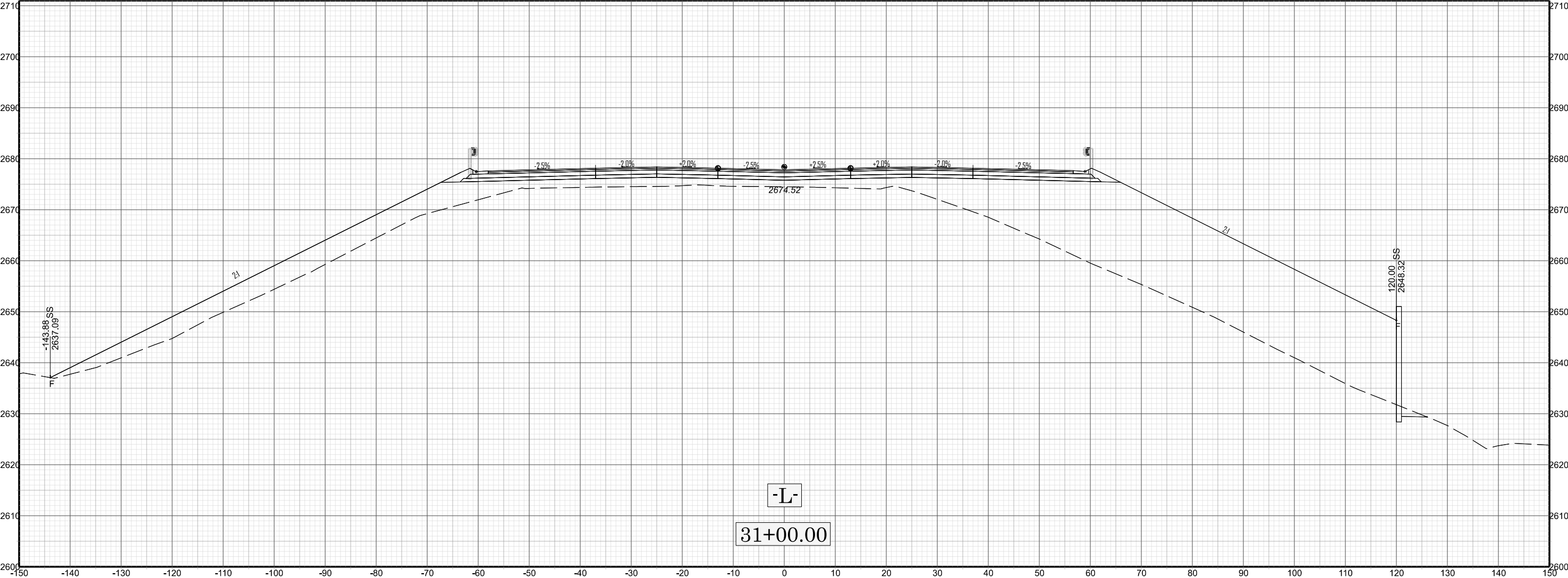


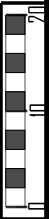
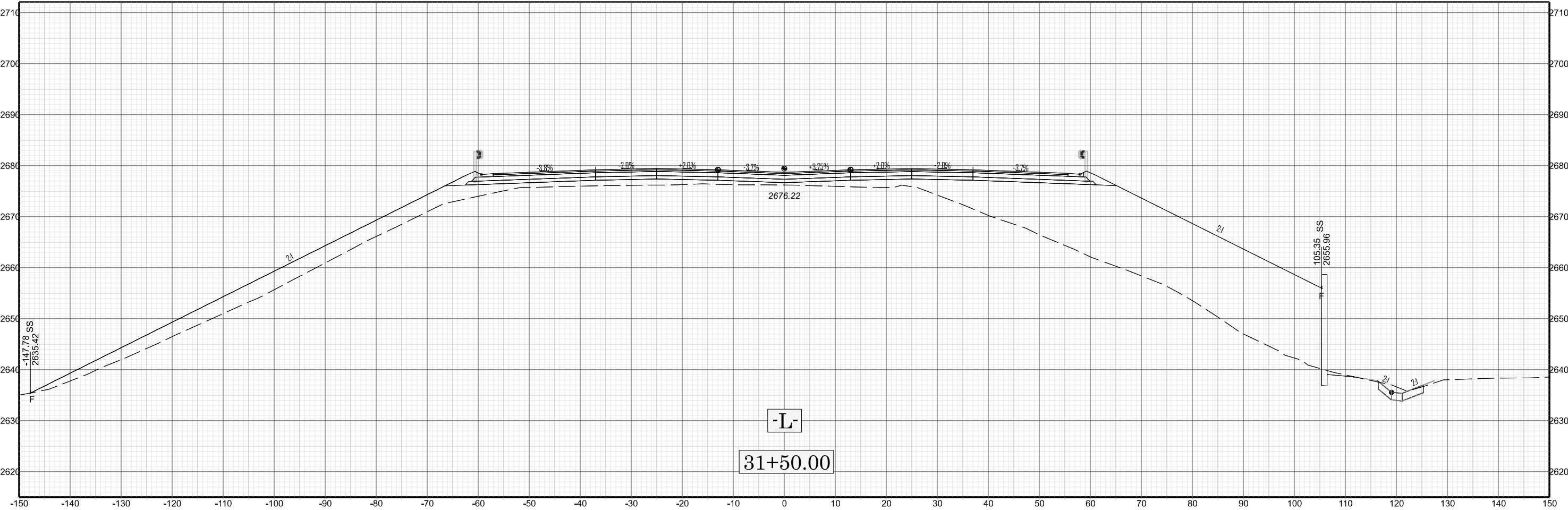


X 028

B-5541



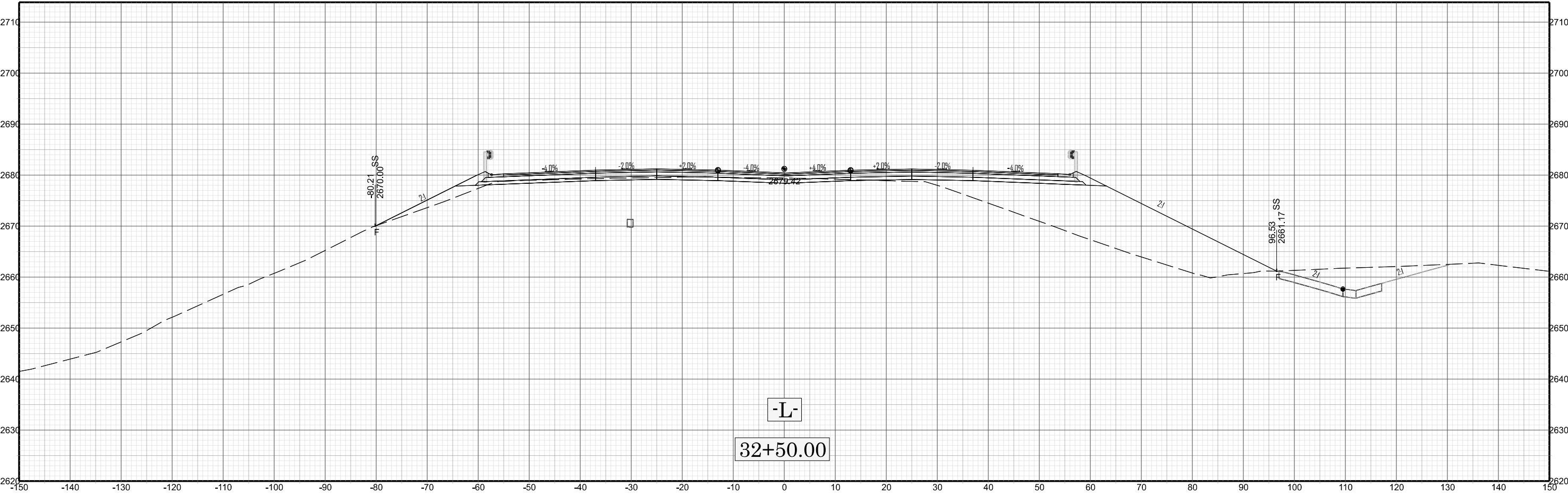


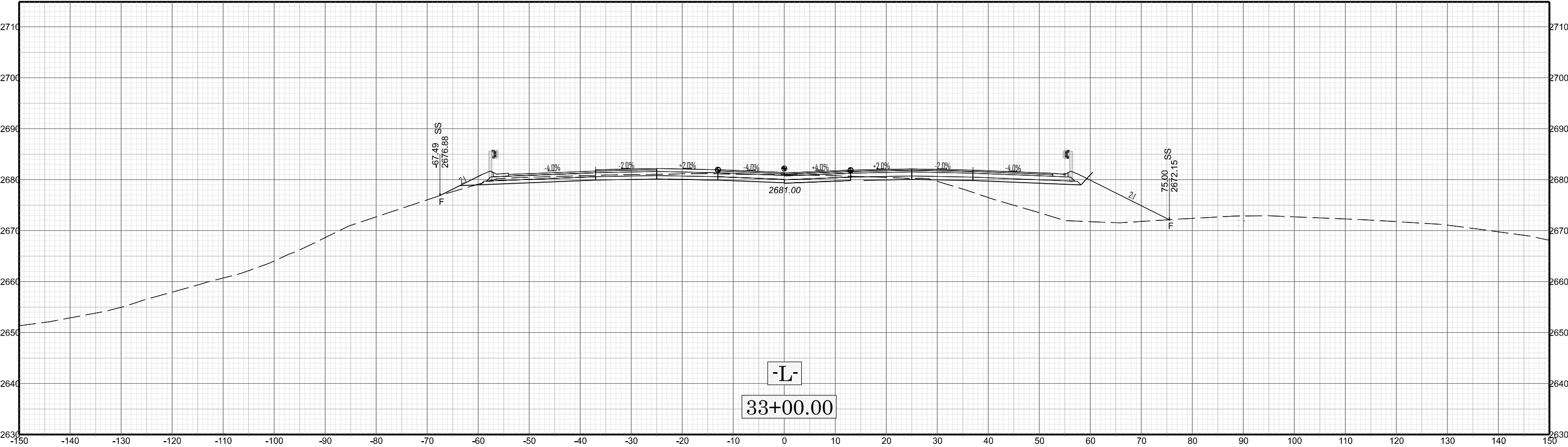


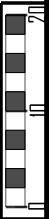
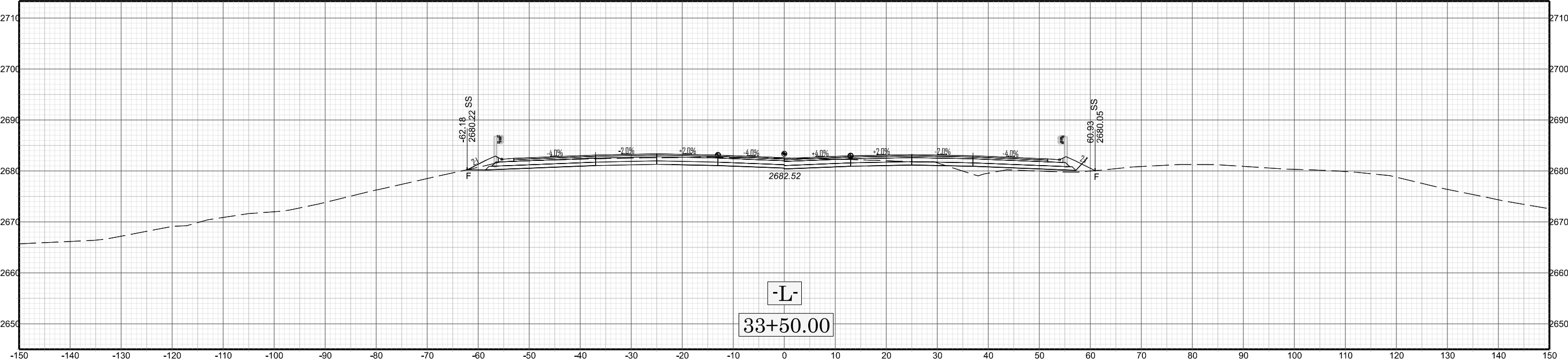
X 031

B-5541









X 035

B-5541