

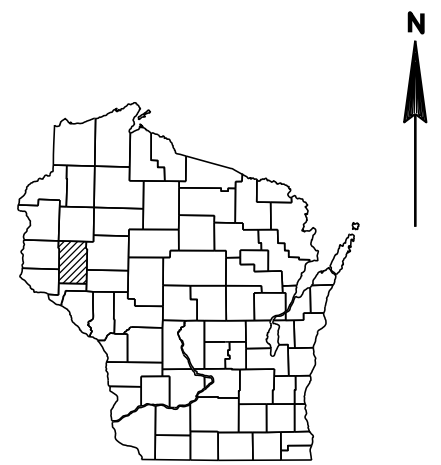
PROJECT ID: 1022-08-72

COUNTY: DUNN

ORDER OF SHEETS

Section No. 1	Title
Section No. 2	Typical Sections and Details
Section No. 3	Estimate of Quantities
Section No. 3	Miscellaneous Quantities
Section No. 4	Right of Way Plot
Section No. 5	Plan and Profile
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
Section No. 8	Structure Plans
Section No. 9	Computer Earthwork Data
Section No. 9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION

A.A.D.T.	=	XXXX
A.A.D.T.	=	XXXX
D.H.V.	=	XXXX
D.D.	=	XXXX
T.	=	XXXX
DESIGN SPEED	=	XXXX
ESALS	=	XXXX

CONVENTIONAL SYMBOLS

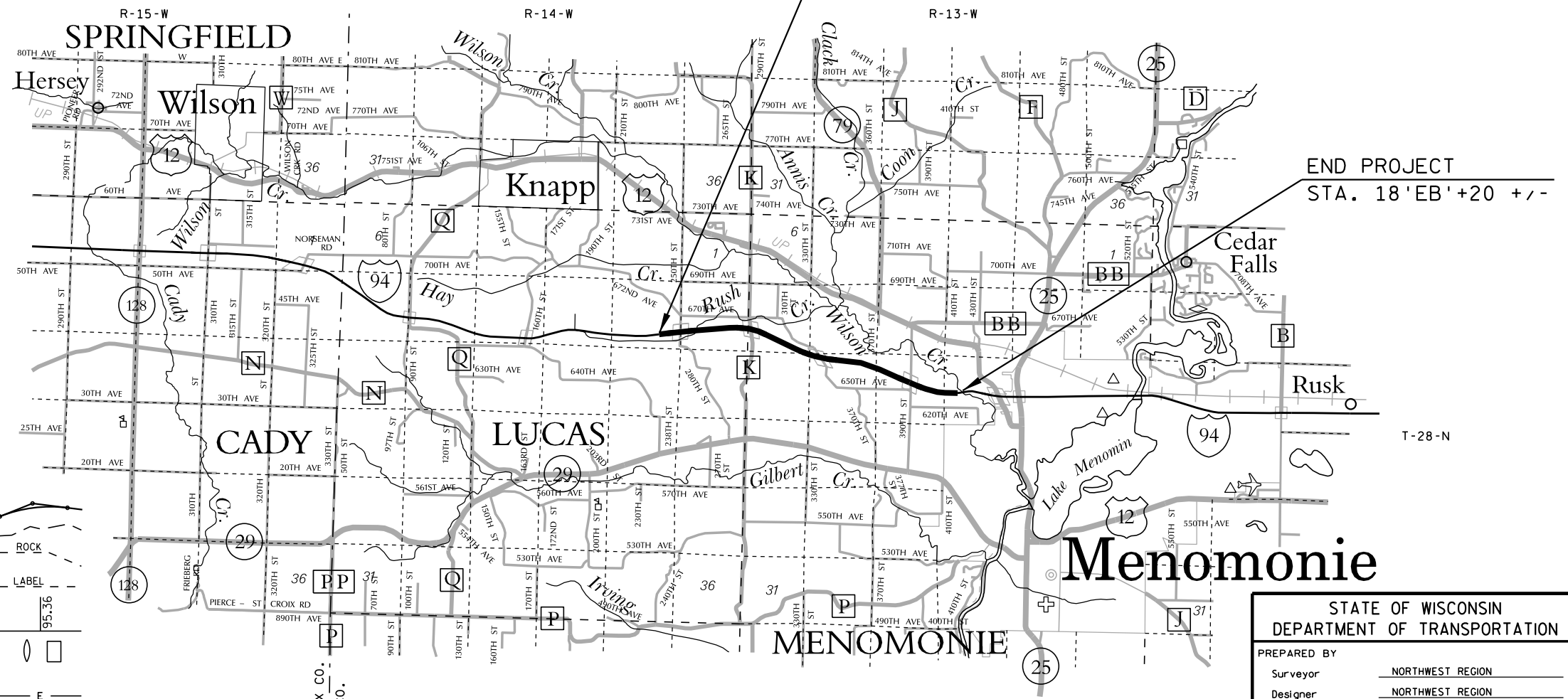
PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	



TOTAL NET LENGTH OF CENTERLINE = X.XXX MI.



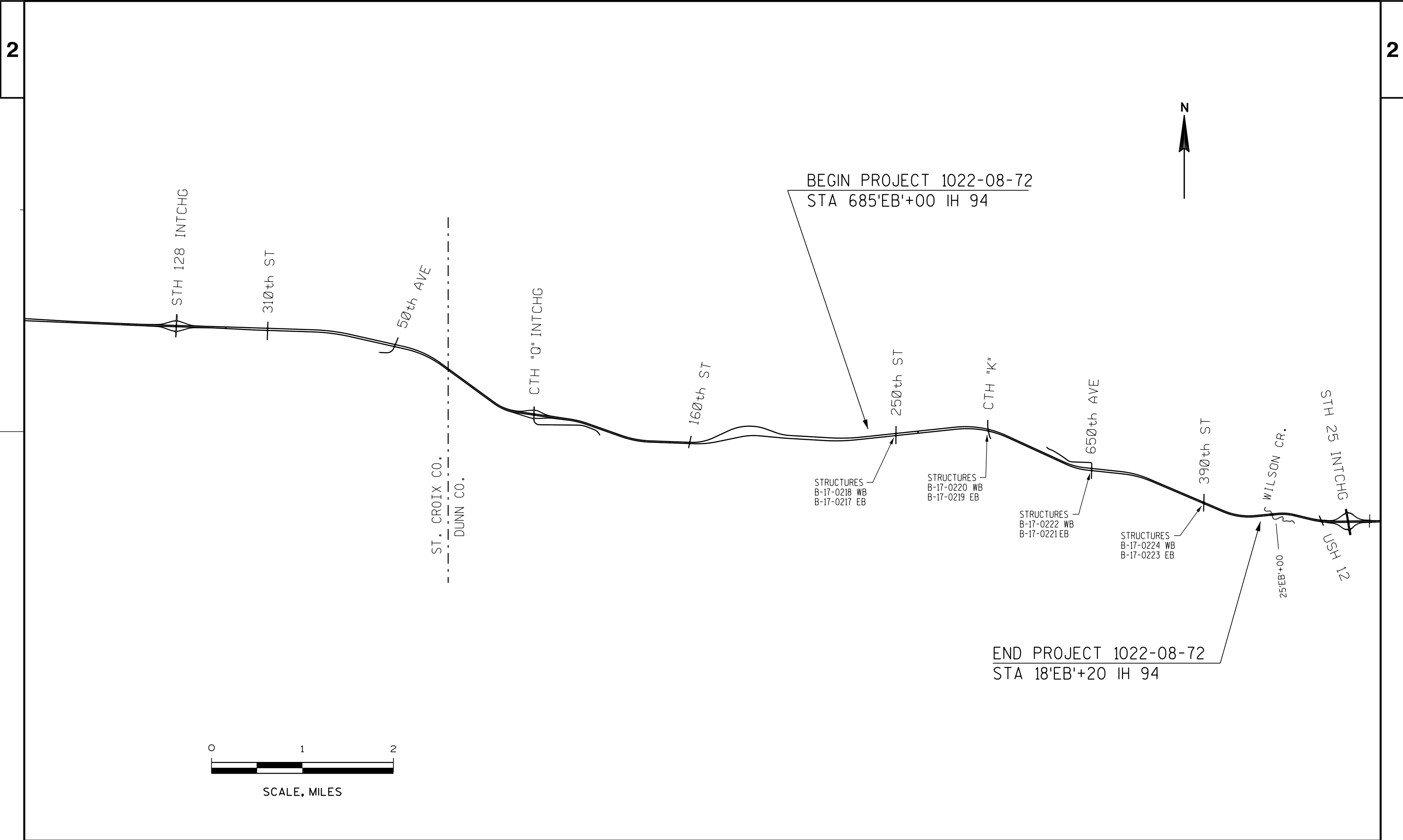
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
HUDSON - MENOMONIE ROAD
250TH STREET - WILSON CREEK
IH 94 EB&WB
DUNN COUNTY

STATE PROJECT NUMBER
1022-08-72

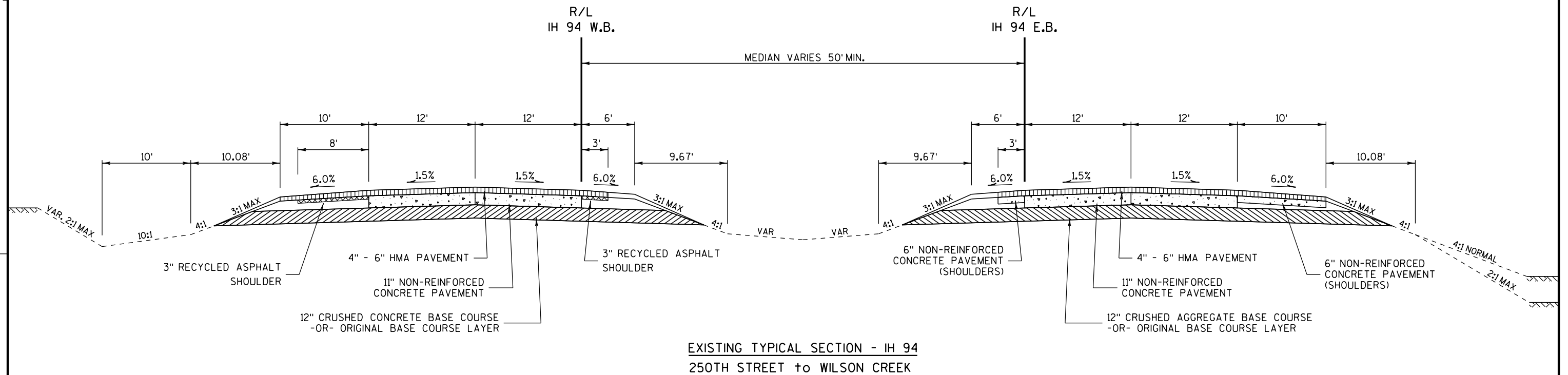
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1022-08-72		

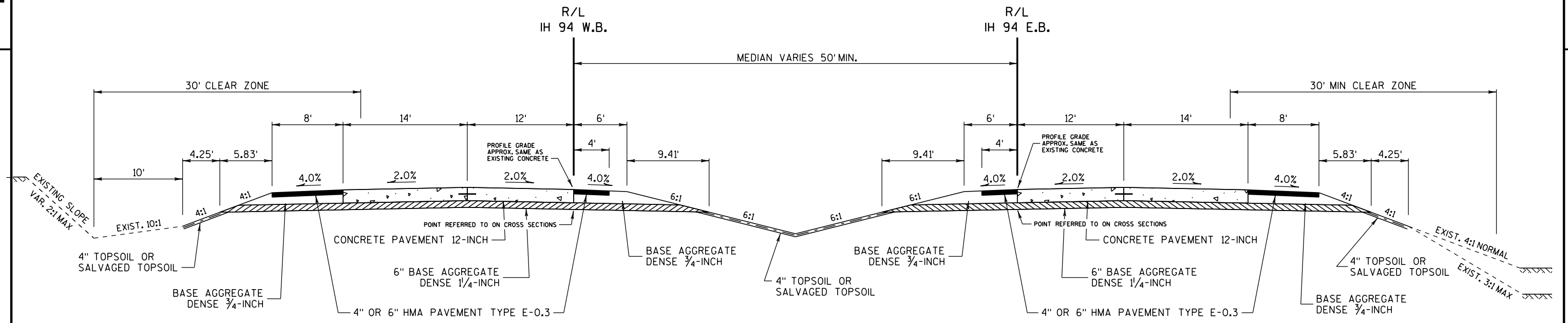
Wis. Admin. Code § Trans 220
PROJECT PLAN
APPROVED FOR DESIGN
OF UTILITY ADJUSTMENTS
Date: February 13, 2017

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	NORTHWEST REGION
Designer	NORTHWEST REGION
Project Manager	NORTHWEST REGION
Regional Examiner	NORTHWEST REGION
Regional Supervisor	NORTHWEST REGION
C.O. Examiner	
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

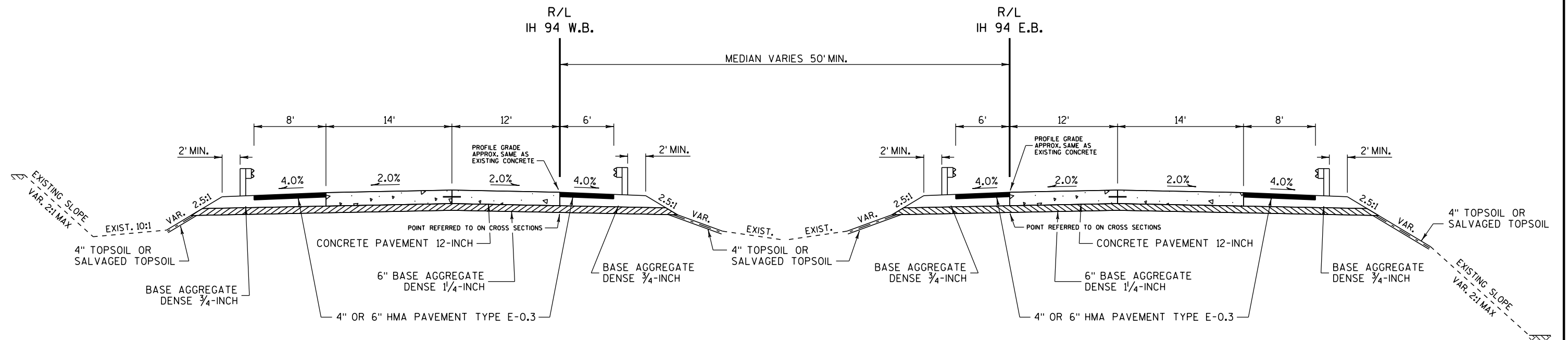


PROJECT NO: 1022-08-72	HWY: IH 94	COUNTY: DUNN	PROJECT OVERVIEW	SHEET	E
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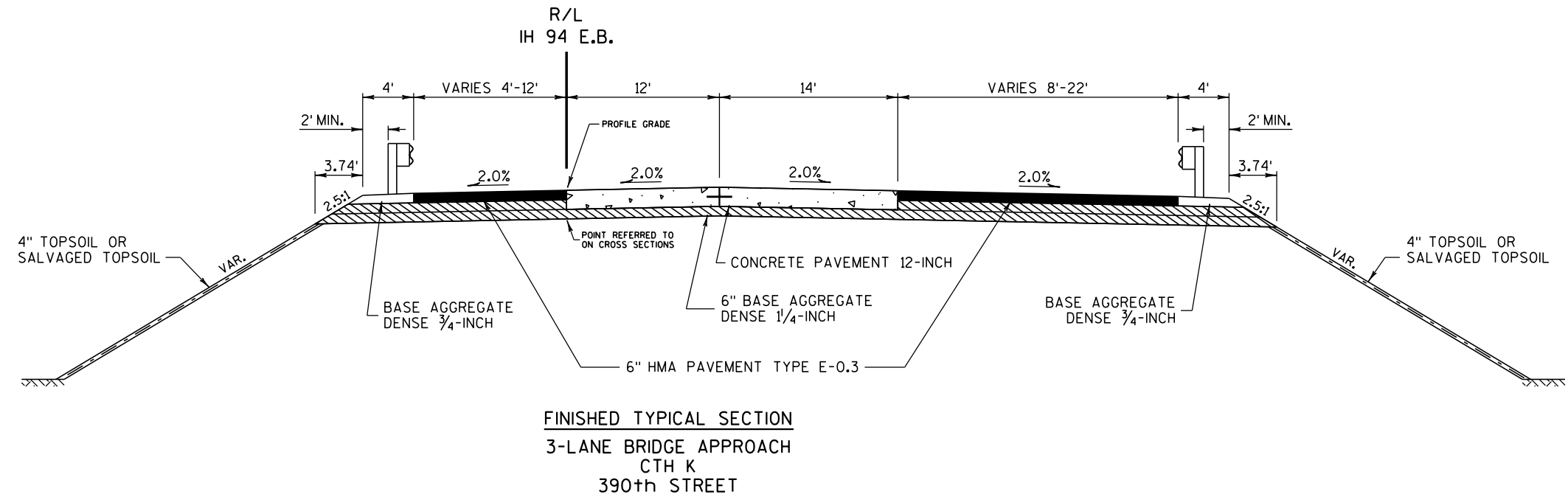




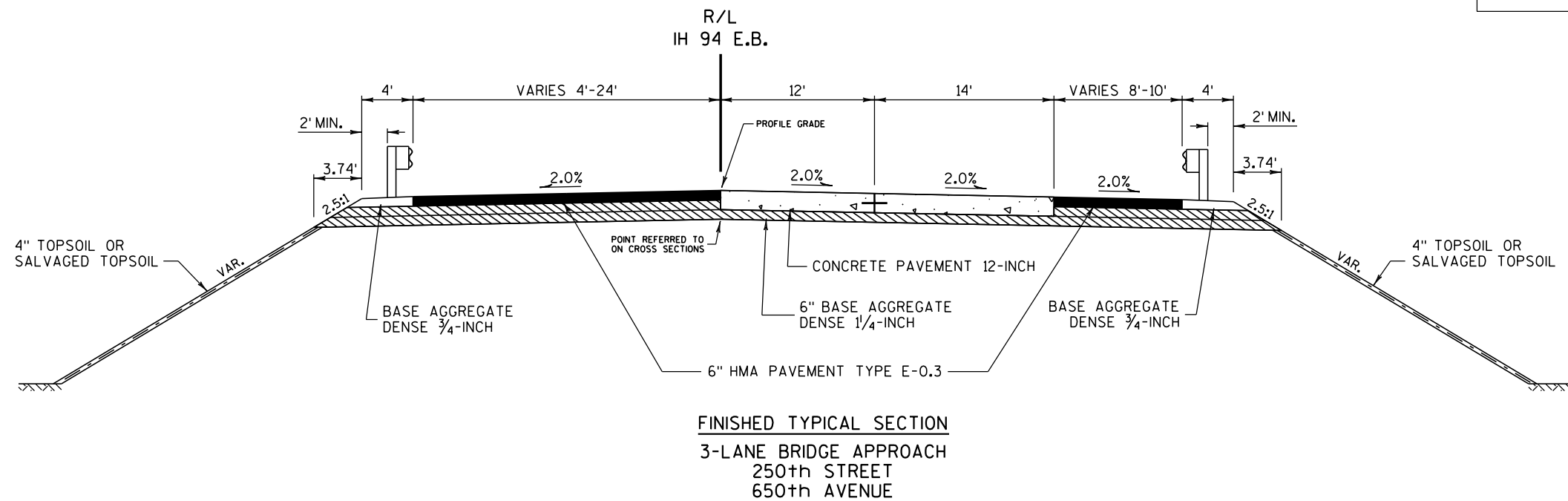
FINISHED TYPICAL SECTION - IH 94
250TH STREET to WILSON CREEK

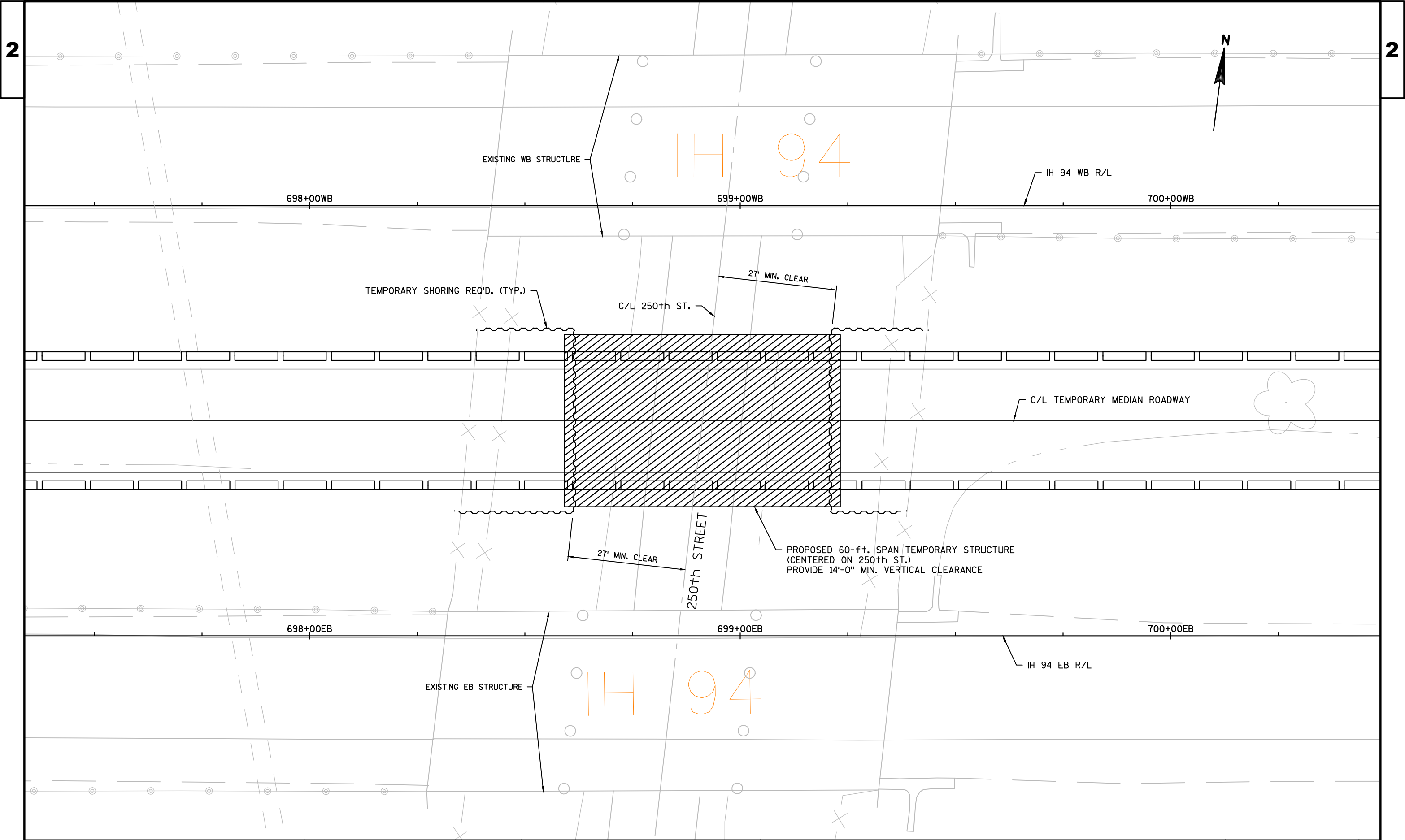


FINISHED TYPICAL SECTION - IH 94
MGS GUARDRAIL



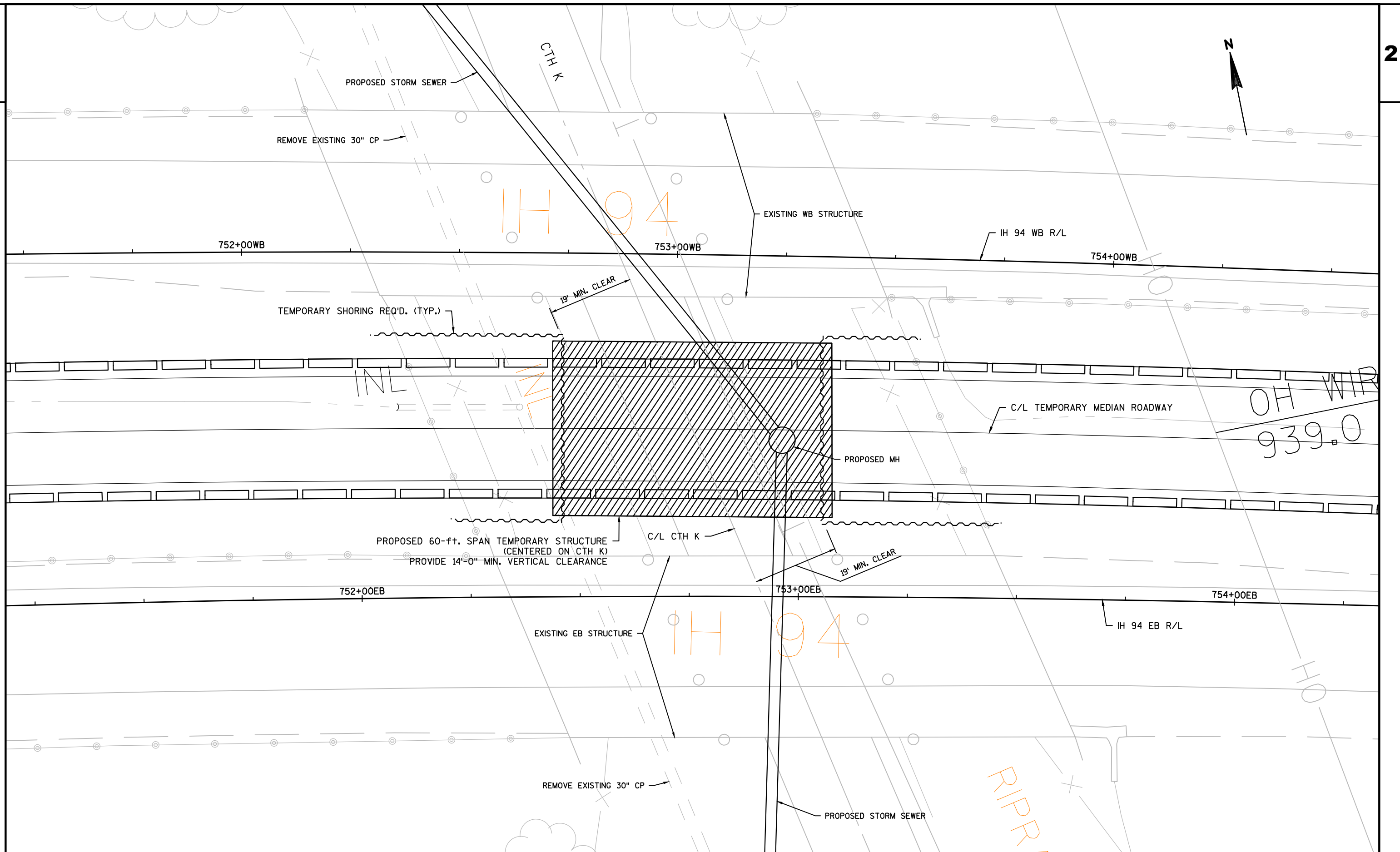
NOTE: EB SHOWN, WB IS MIRROR IMAGE.





2

2



PROJECT NO:1022-08-72

HWY:IH 94

COUNTY:DUNN

CONSTRUCTION DETAIL - TEMPORARY SHORING AT CTH K

SHEET

E

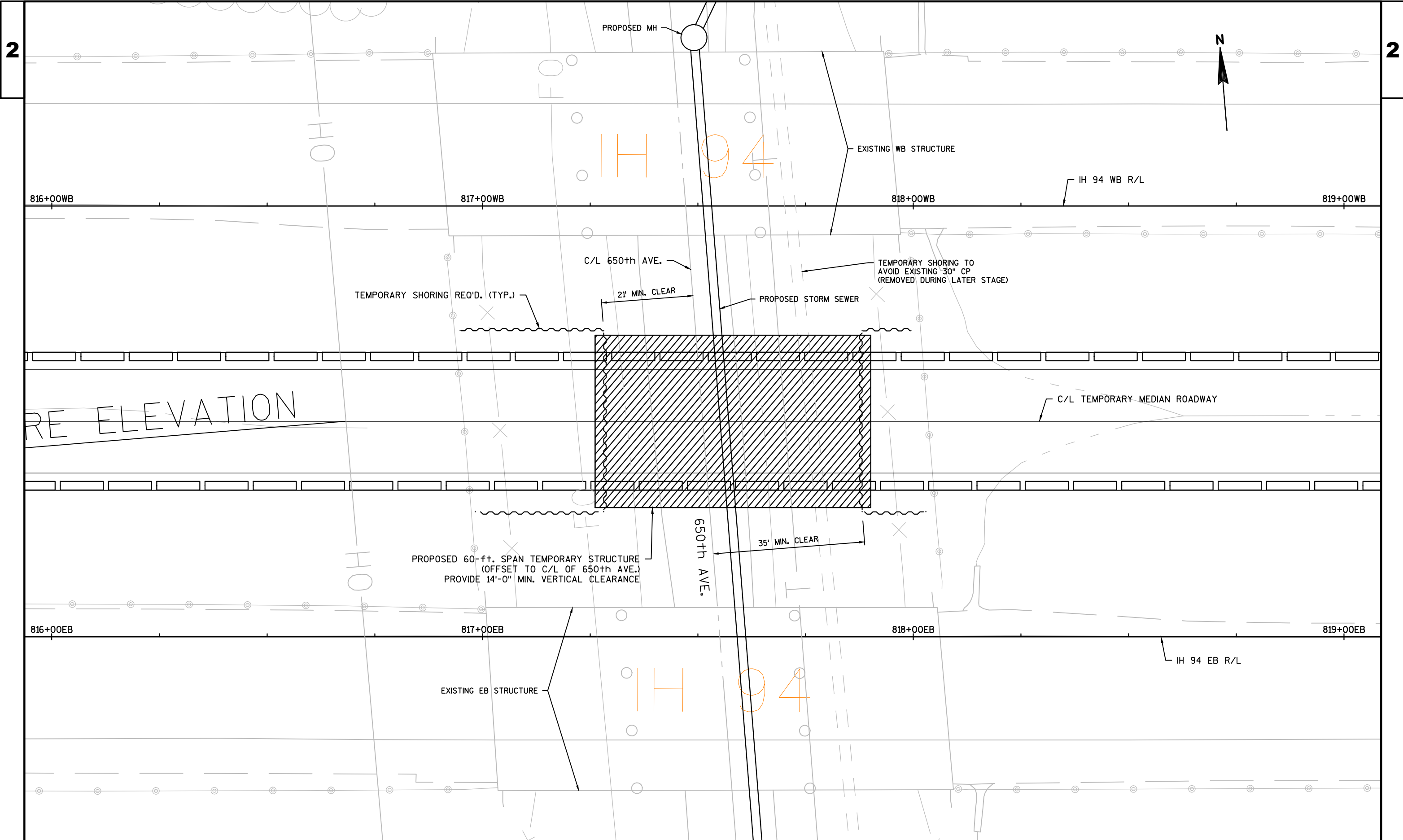
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LAYOUT NAME - SHEET - (2)

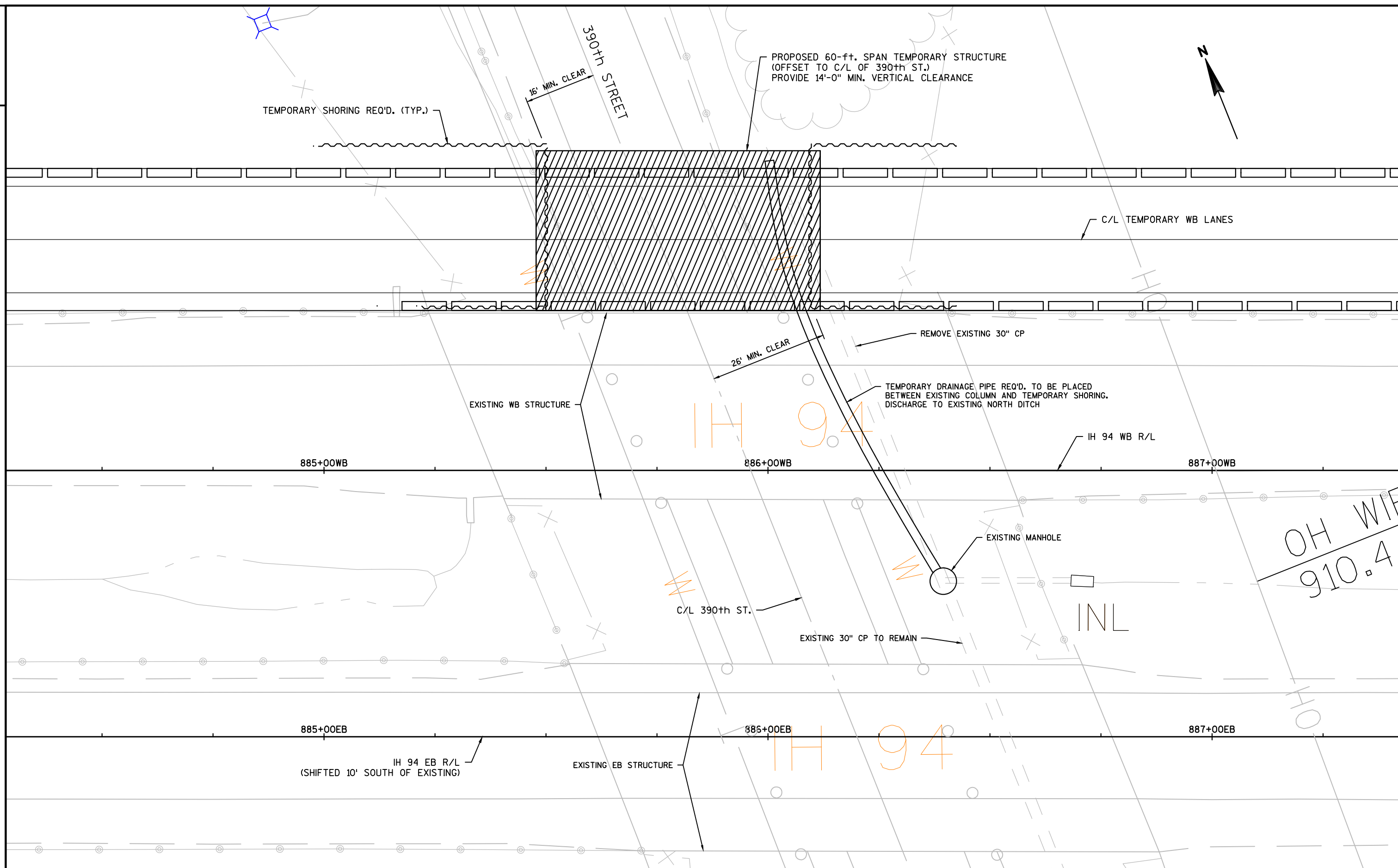
PLOT DATE : 1/12/2017 10:37 AM

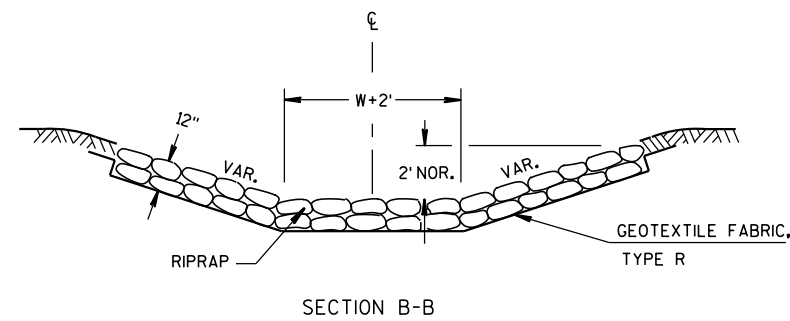
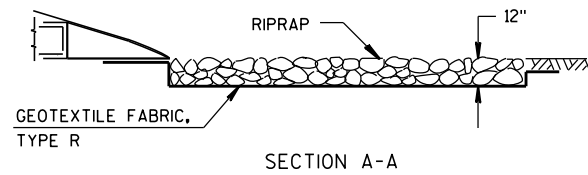
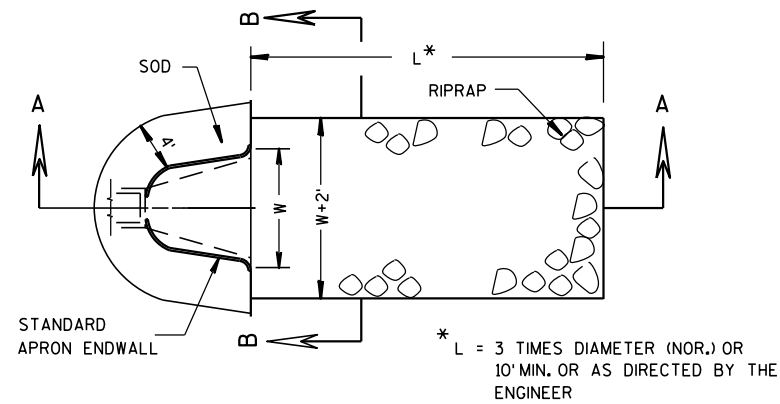
PLOT BY : ANDERSON, THOMAS R PLOT NAME :

PLOT SCALE : 1 IN:20 FT

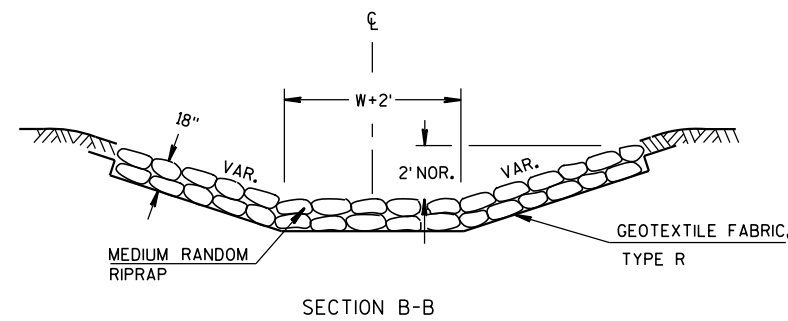
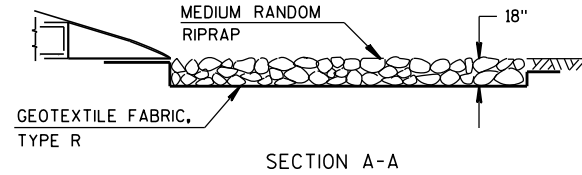
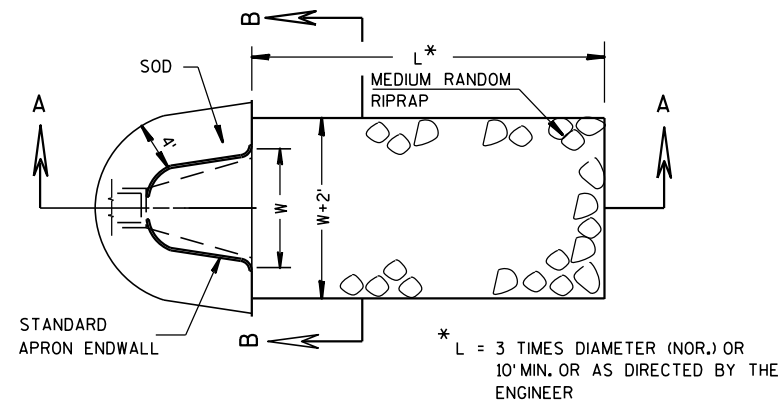
WISDOT/CADDs SHEET 42



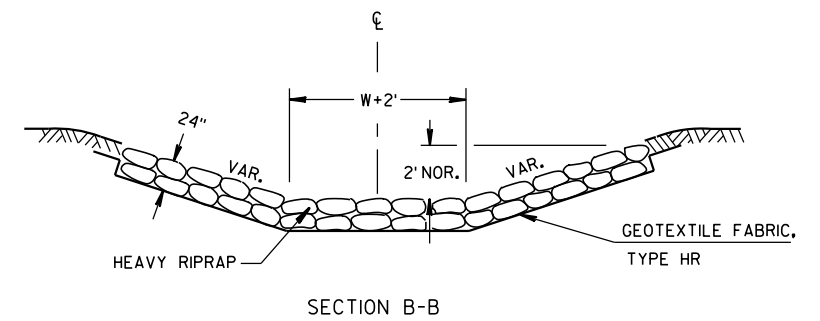
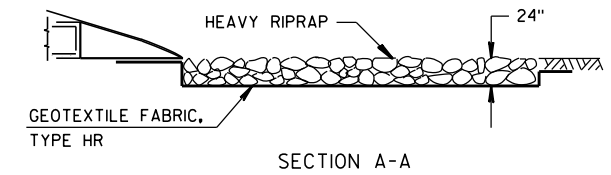
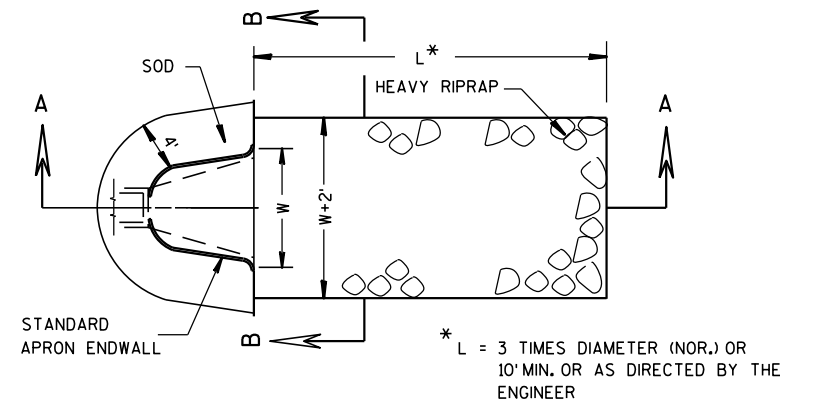




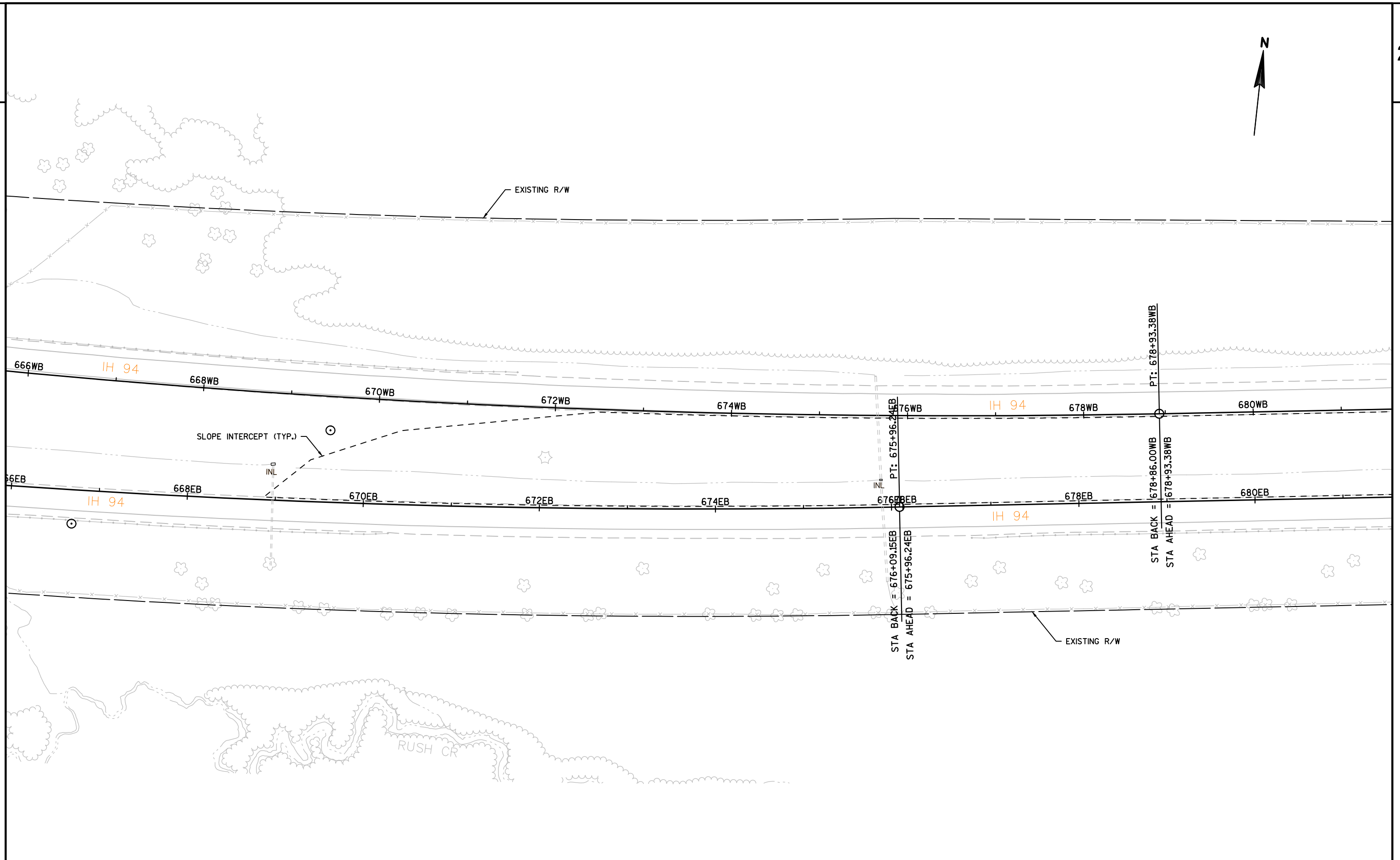
SOD, RIPRAP AND GEOTEXTILE FABRIC DETAIL
AT APRON ENDWALLS



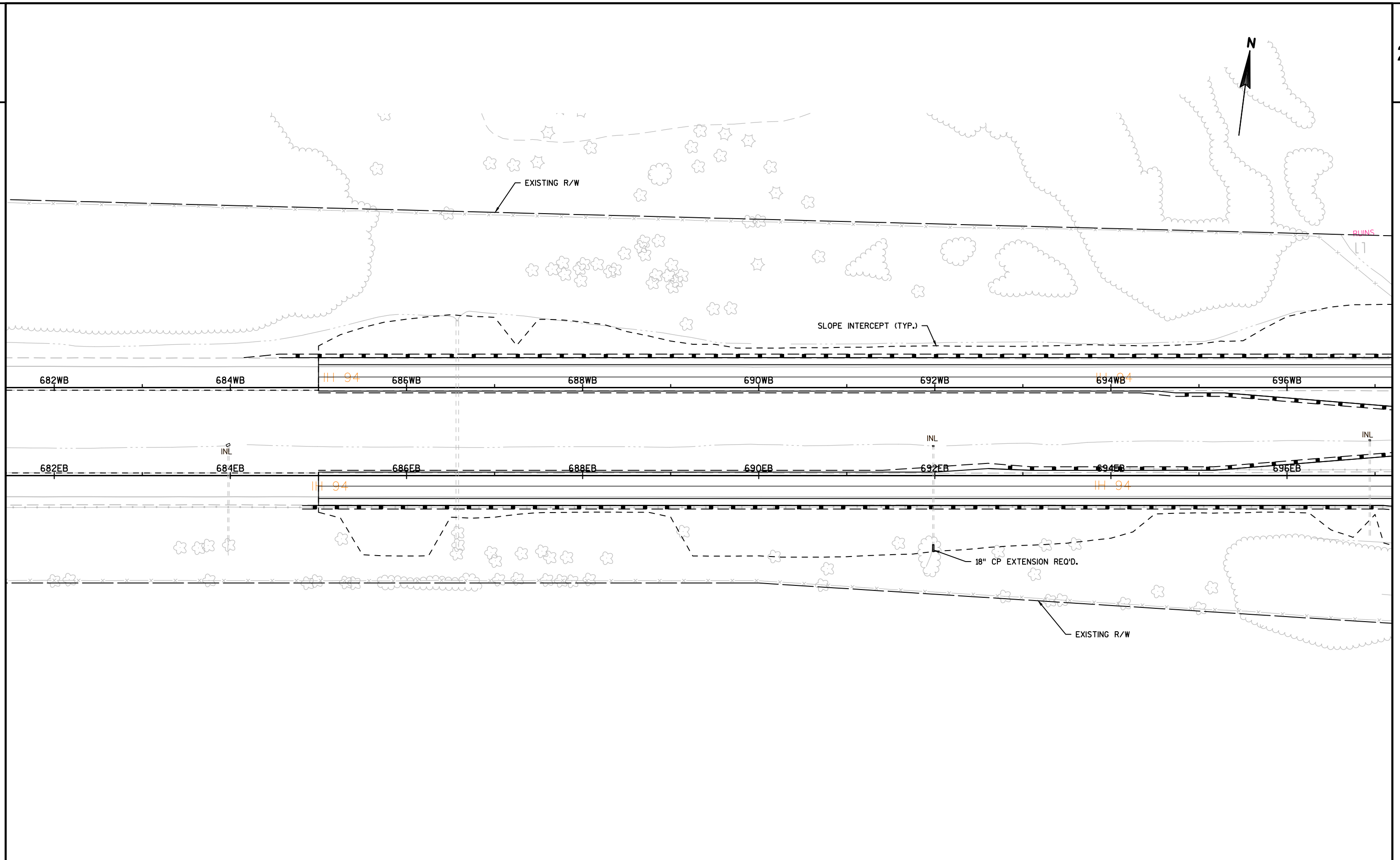
SOD, MEDIUM RANDOM RIPRAP AND GEOTEXTILE FABRIC
DETAIL AT APRON ENDWALLS



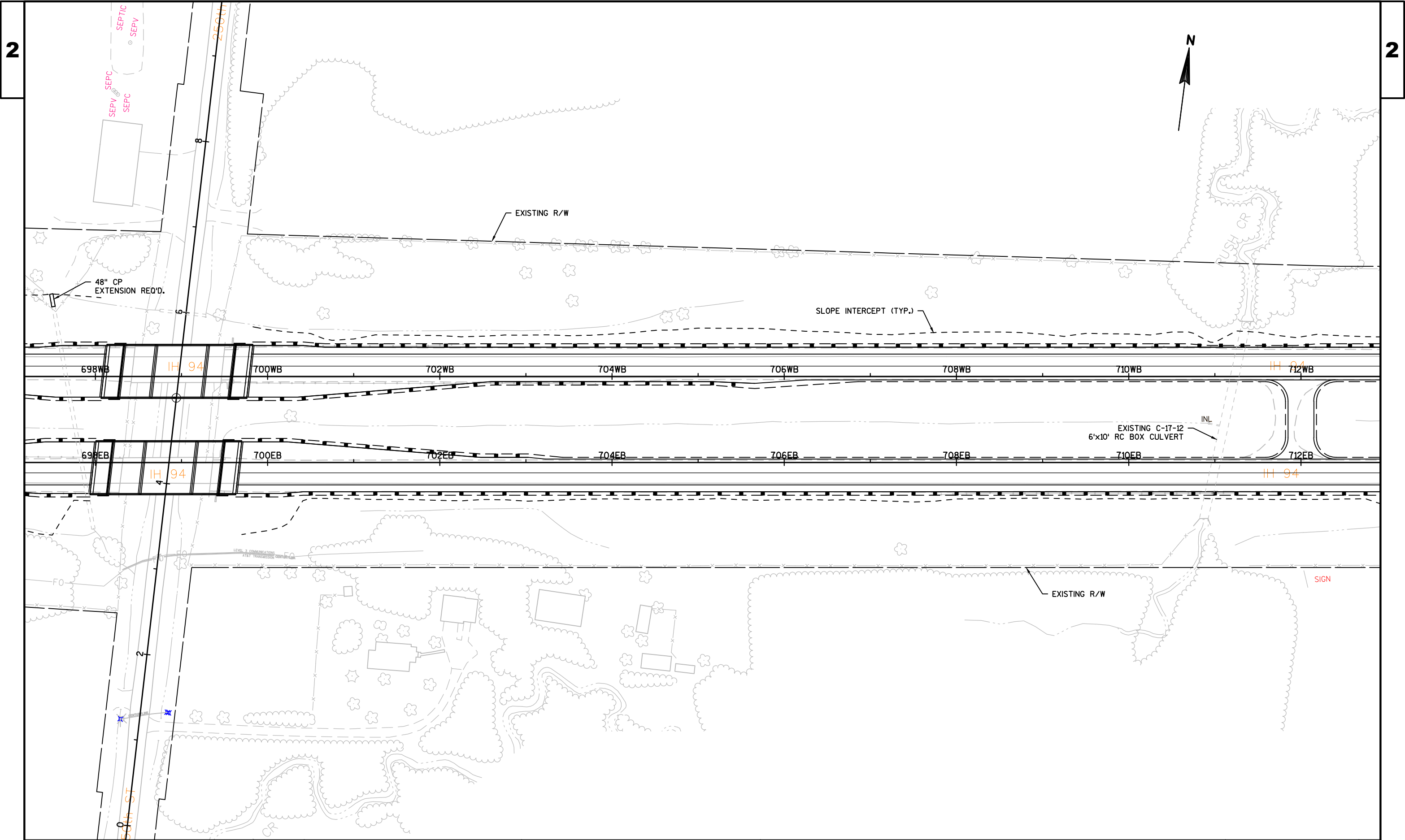
SOD, HEAVY RIPRAP AND GEOTEXTILE FABRIC
DETAIL AT APRON ENDWALLS



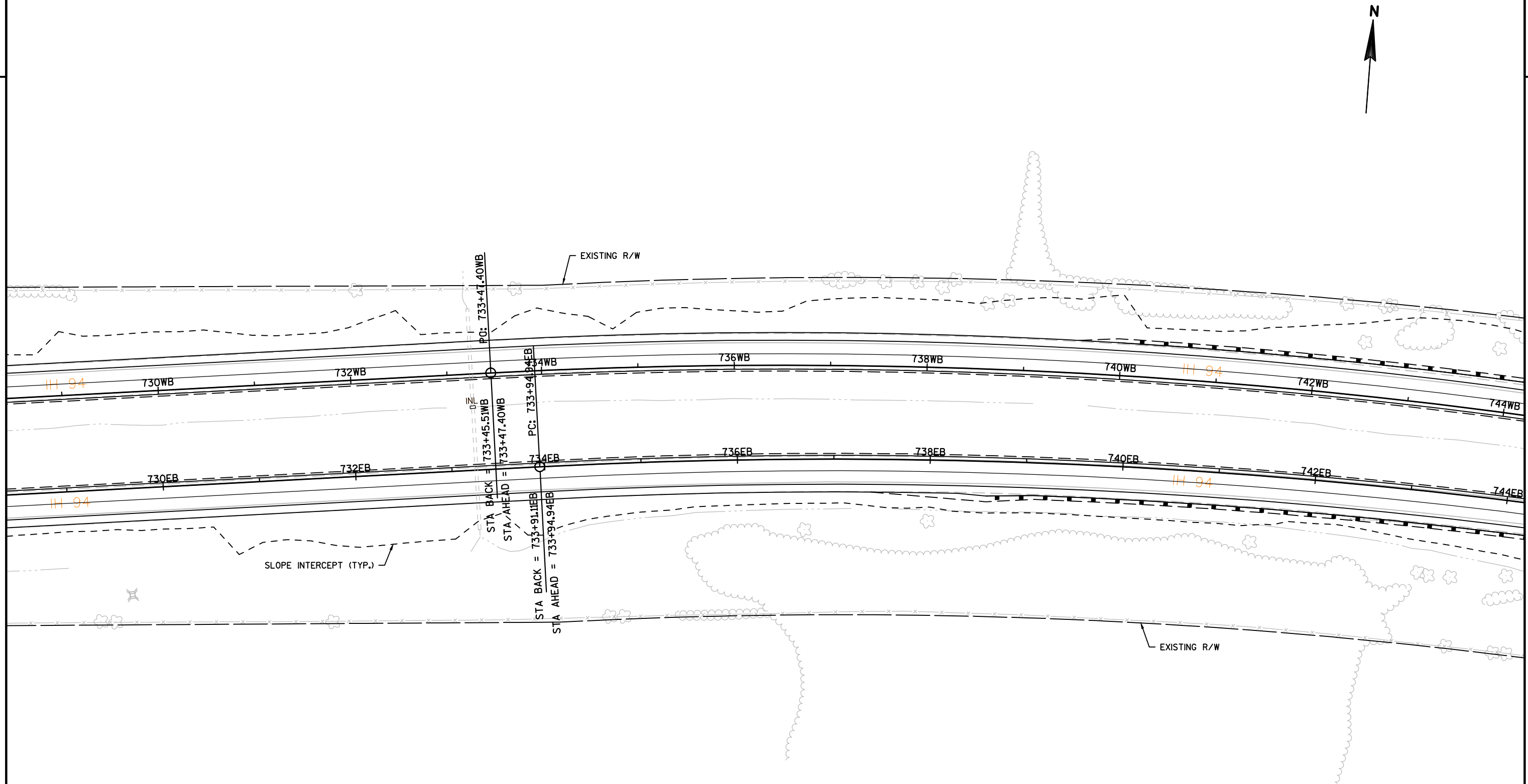
PROJECT NO:1022-08-72	HWY: IH 94	COUNTY: DUNN	EROSION CONTROL	SHEET	E
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PROJECT NO:1022-08-72	HWY: IH 94	COUNTY: DUNN	EROSION CONTROL	SHEET	E
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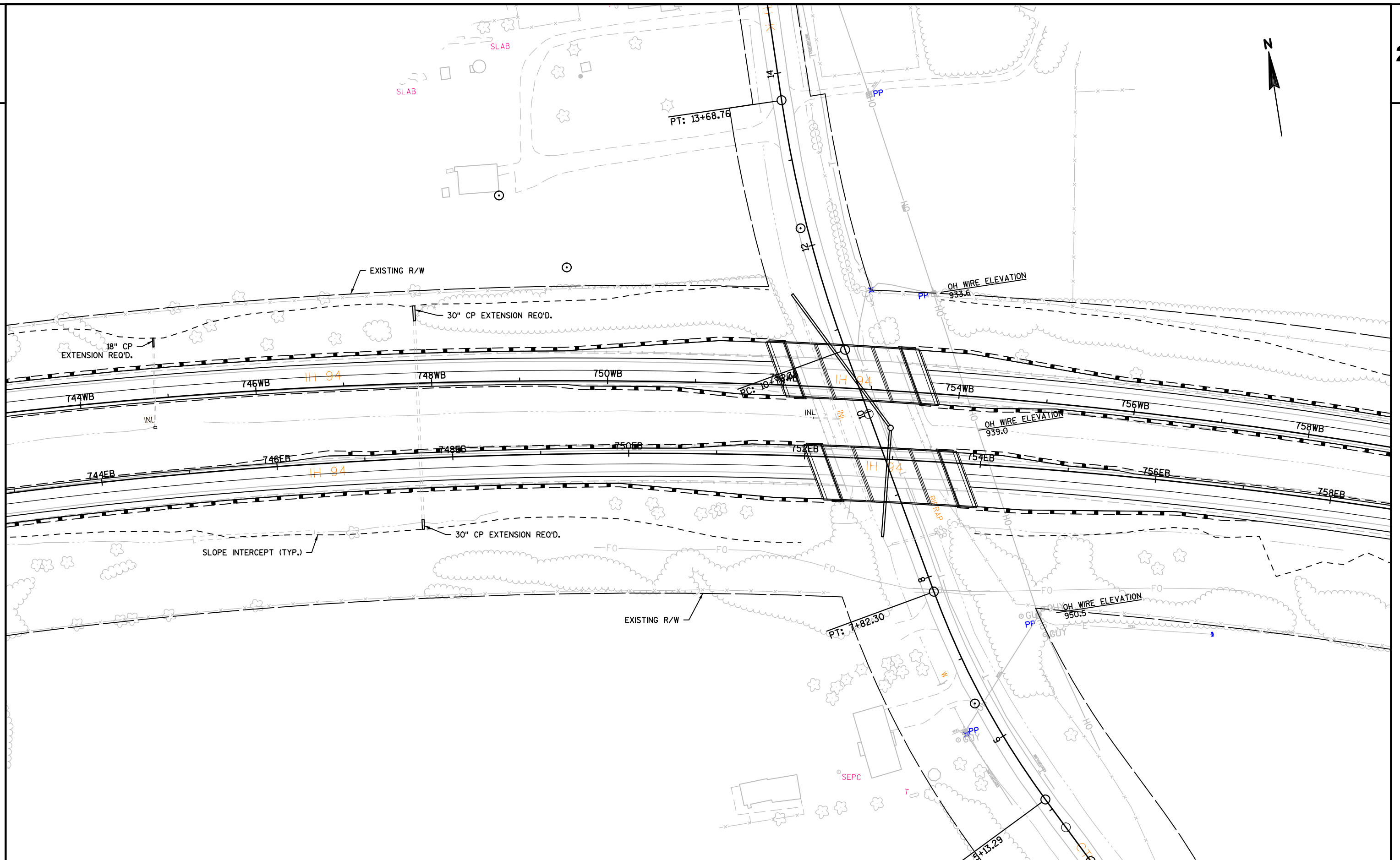


PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	EROSION CONTROL	SHEET	E
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2

2



PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	EROSION CONTROL	SHEET	E
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LAYOUT NAME - 022501 - (36)

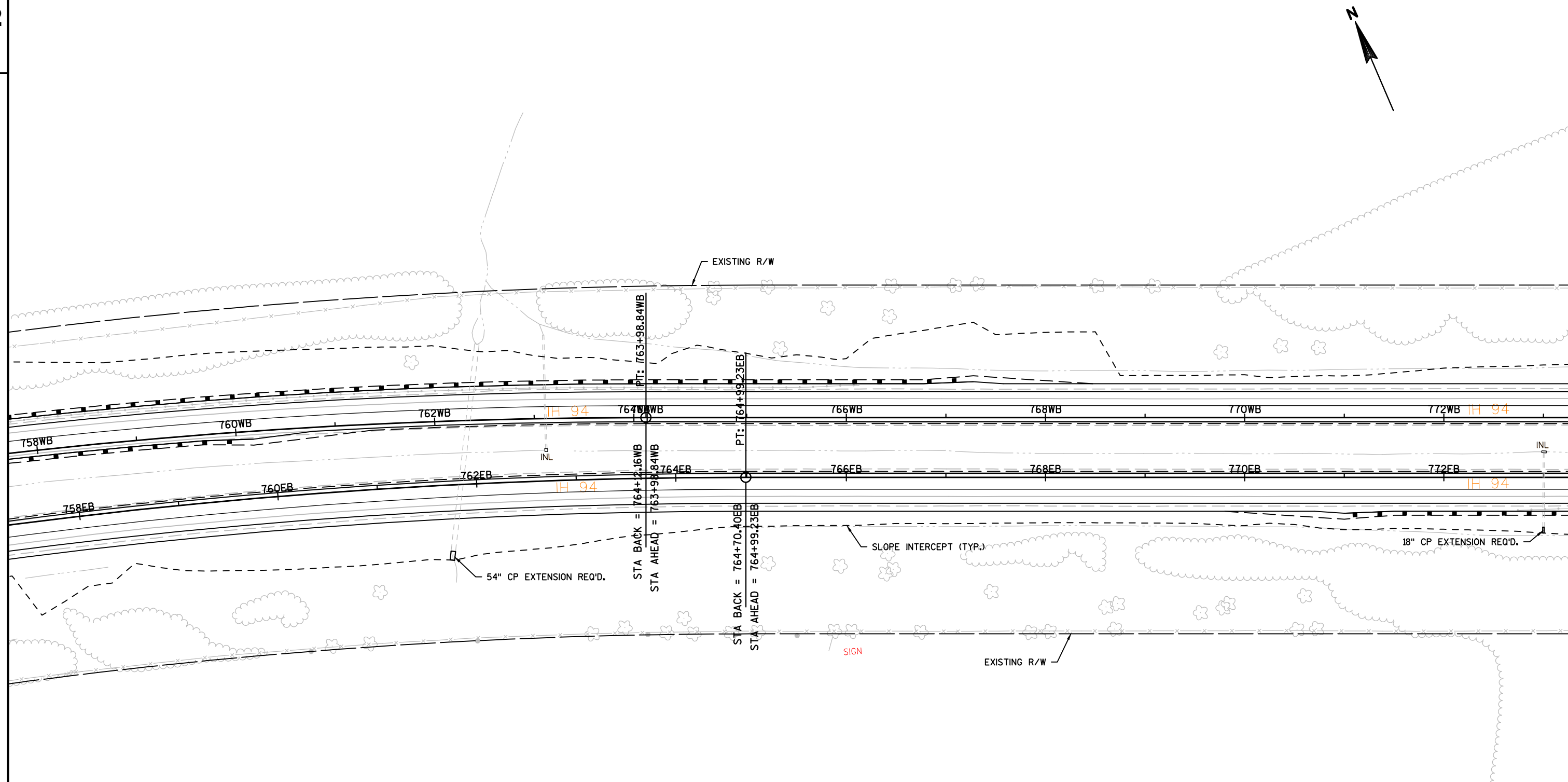
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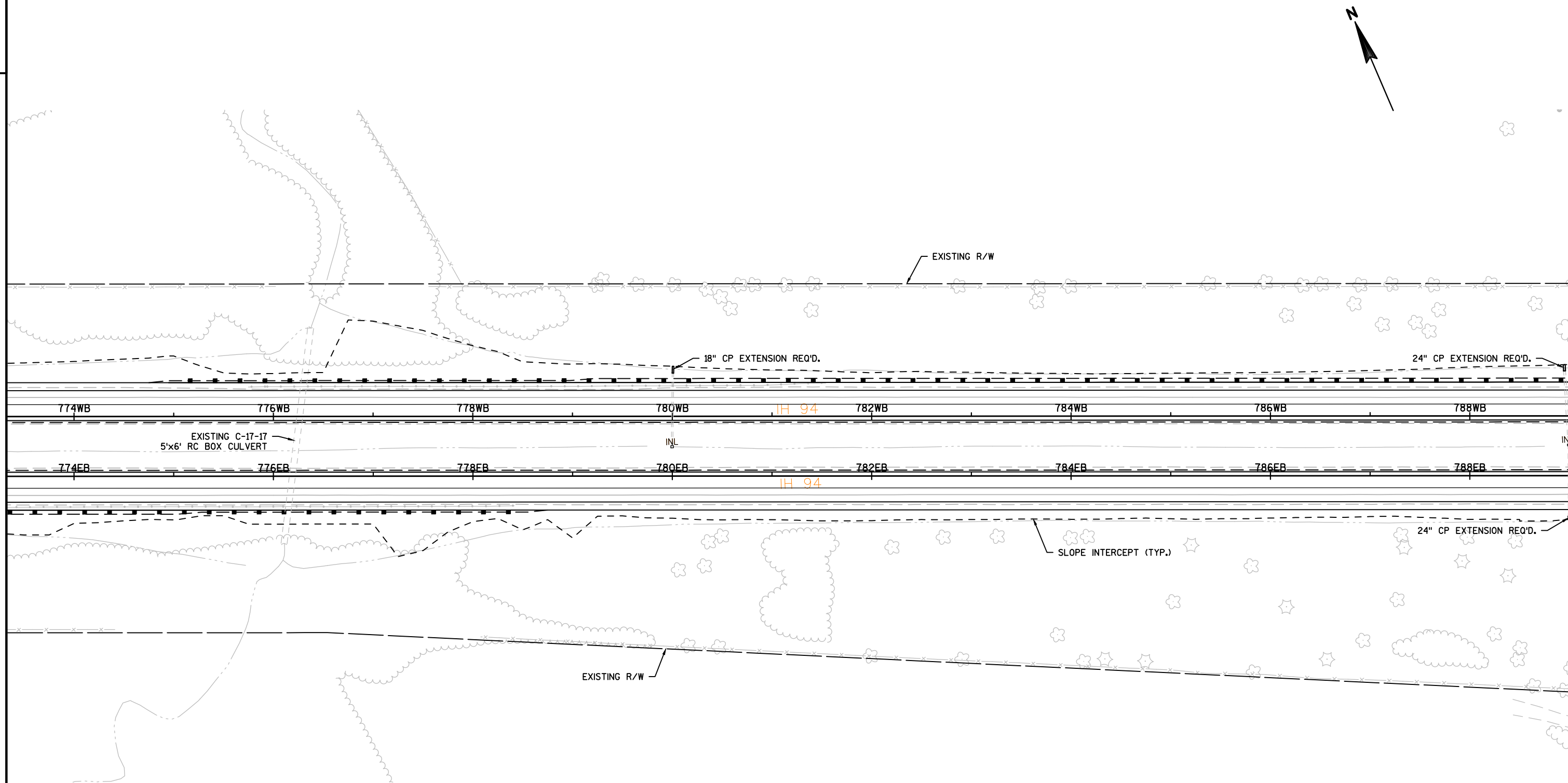
PLOT BY : ANDERSON, THOMAS R

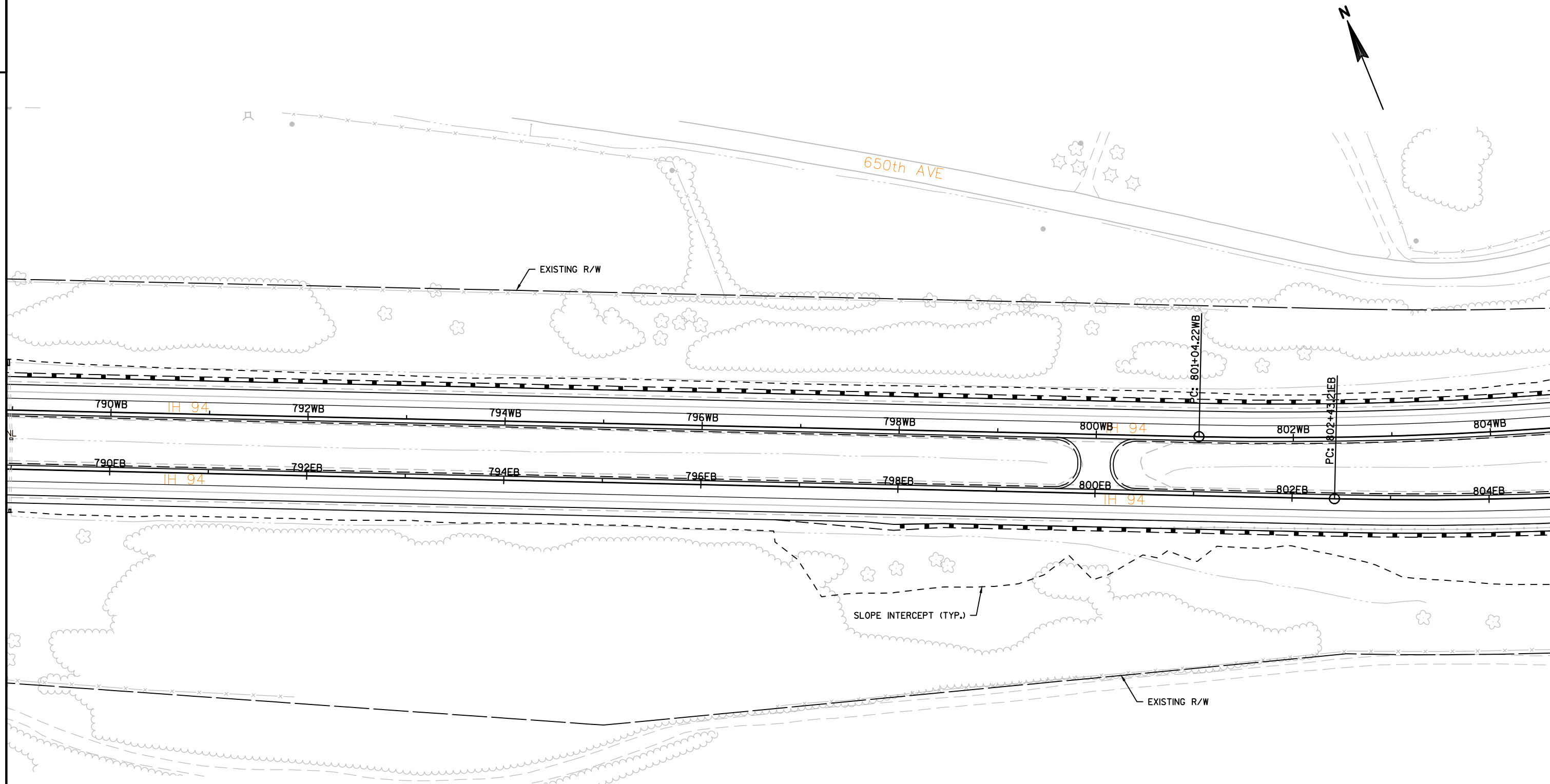
PLOT NAME :

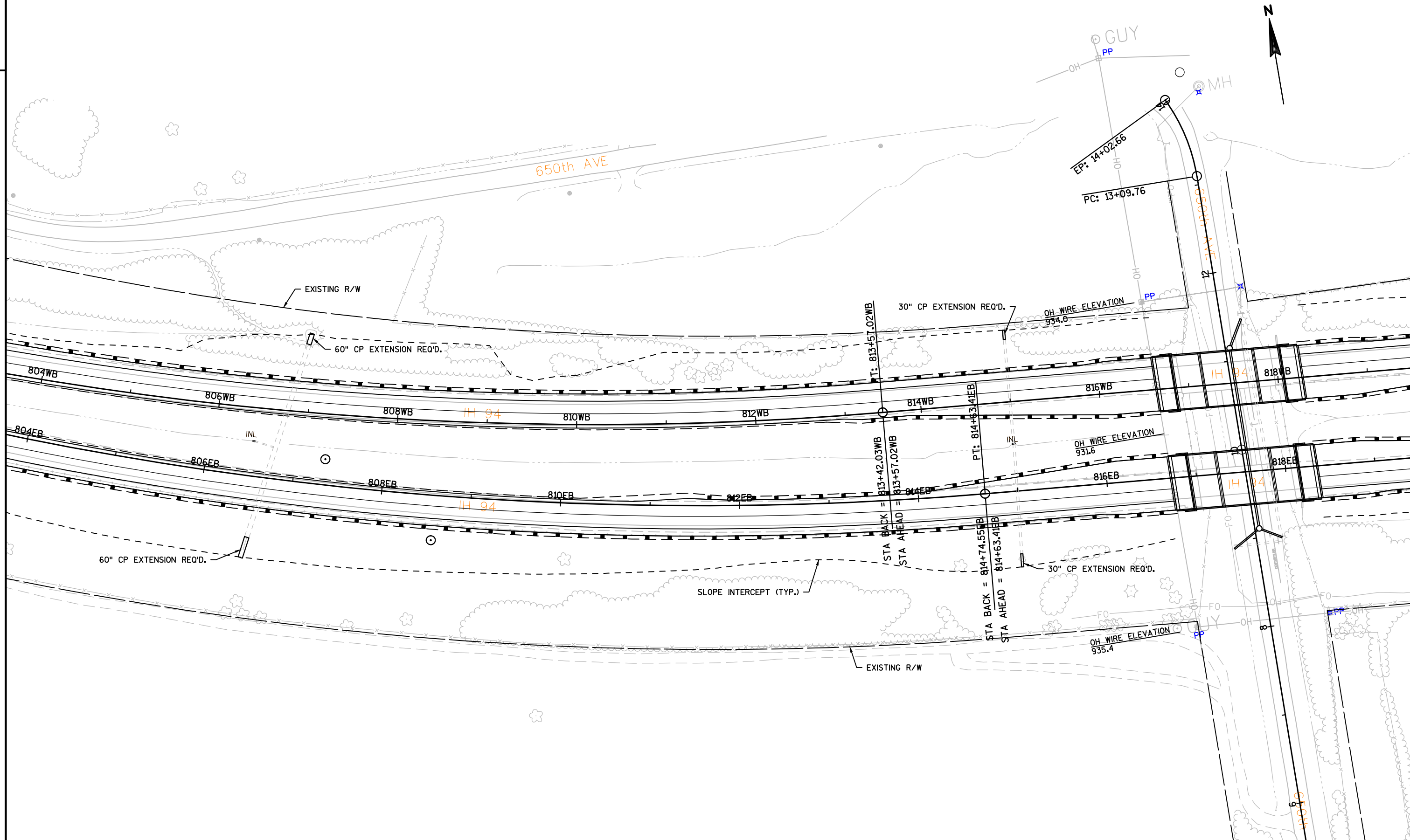
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 42









PROJECT NO:1022-08-72

HWY: IH 94

COUNTY: DUNN

EROSION CONTROL

SHEET

E

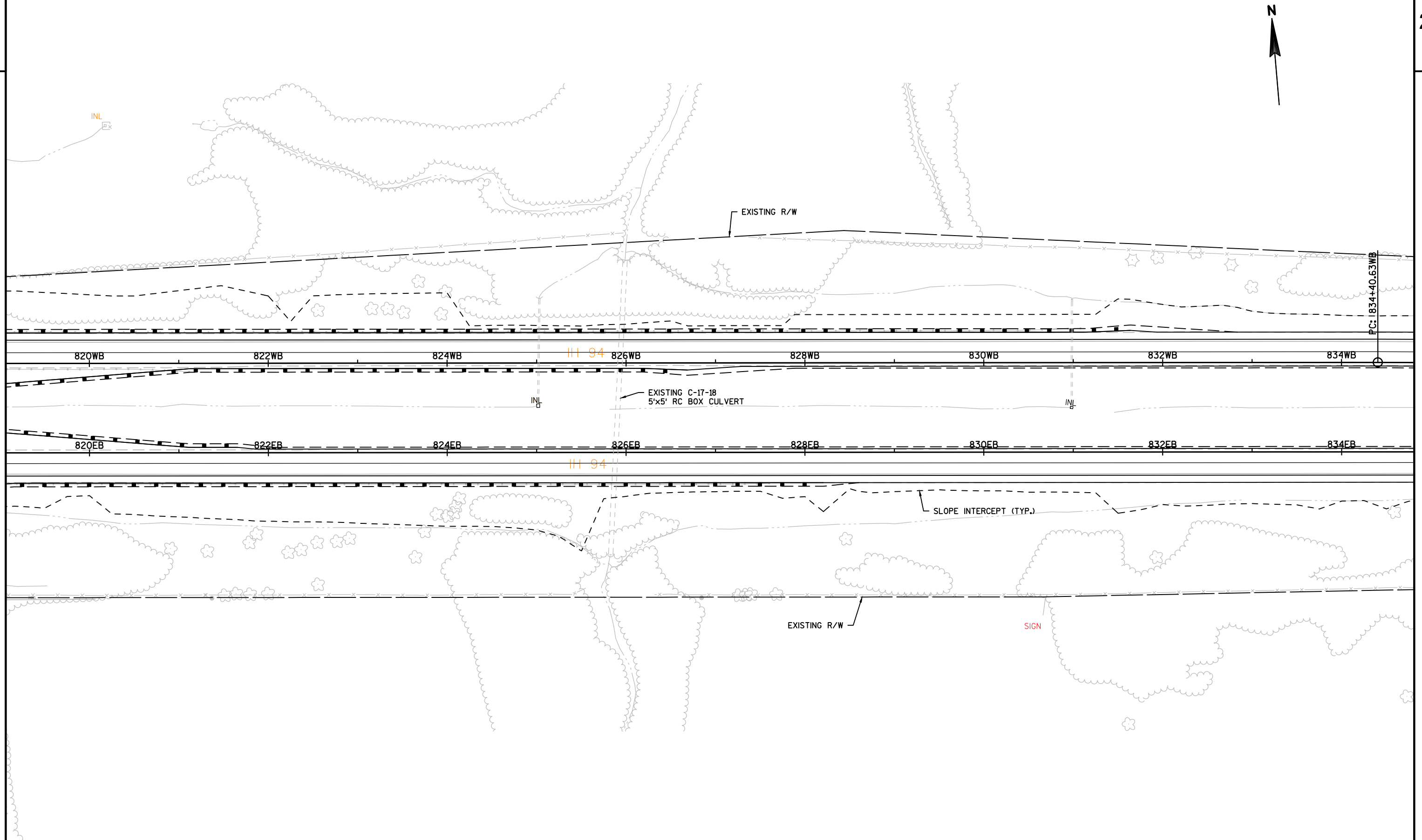
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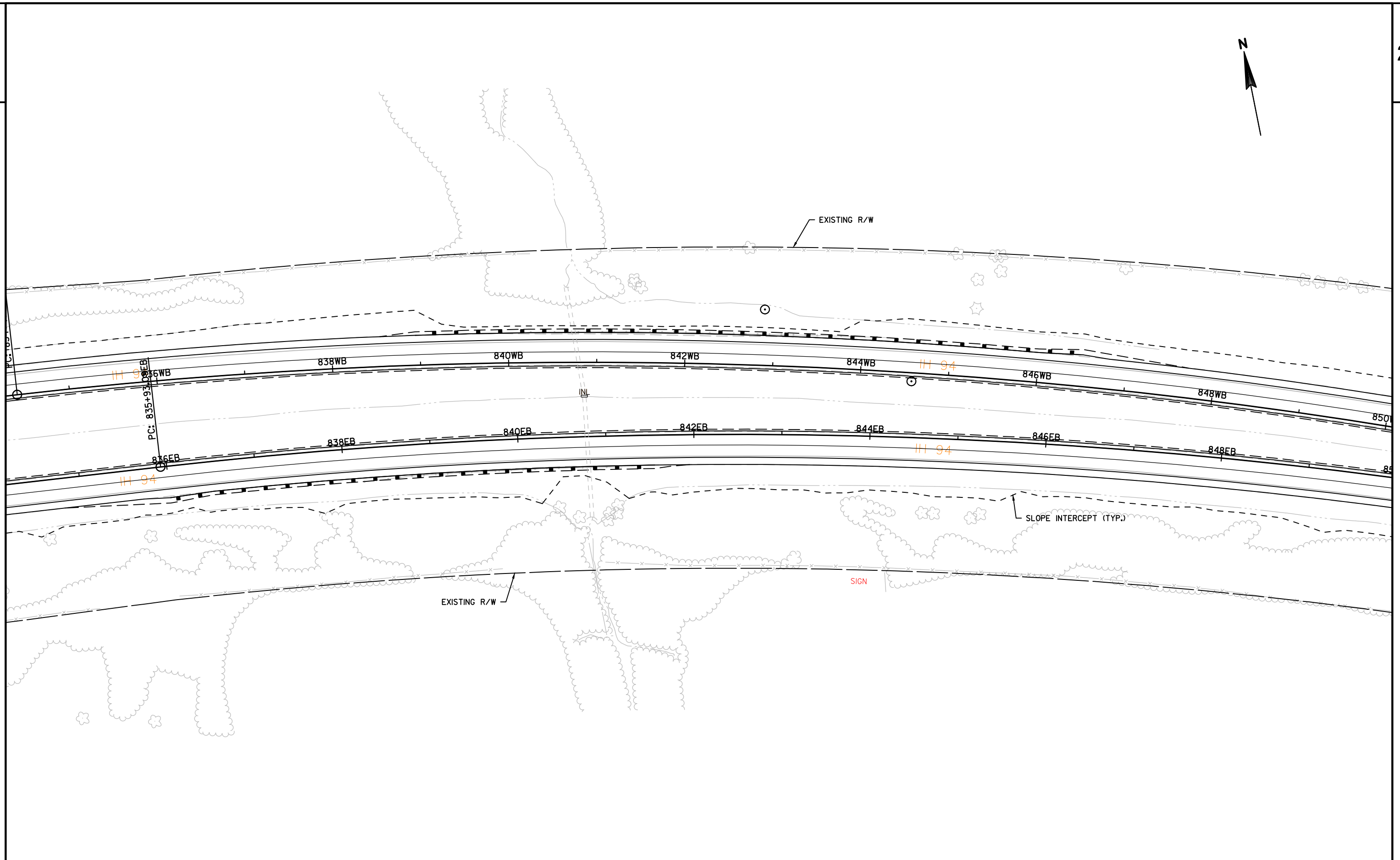
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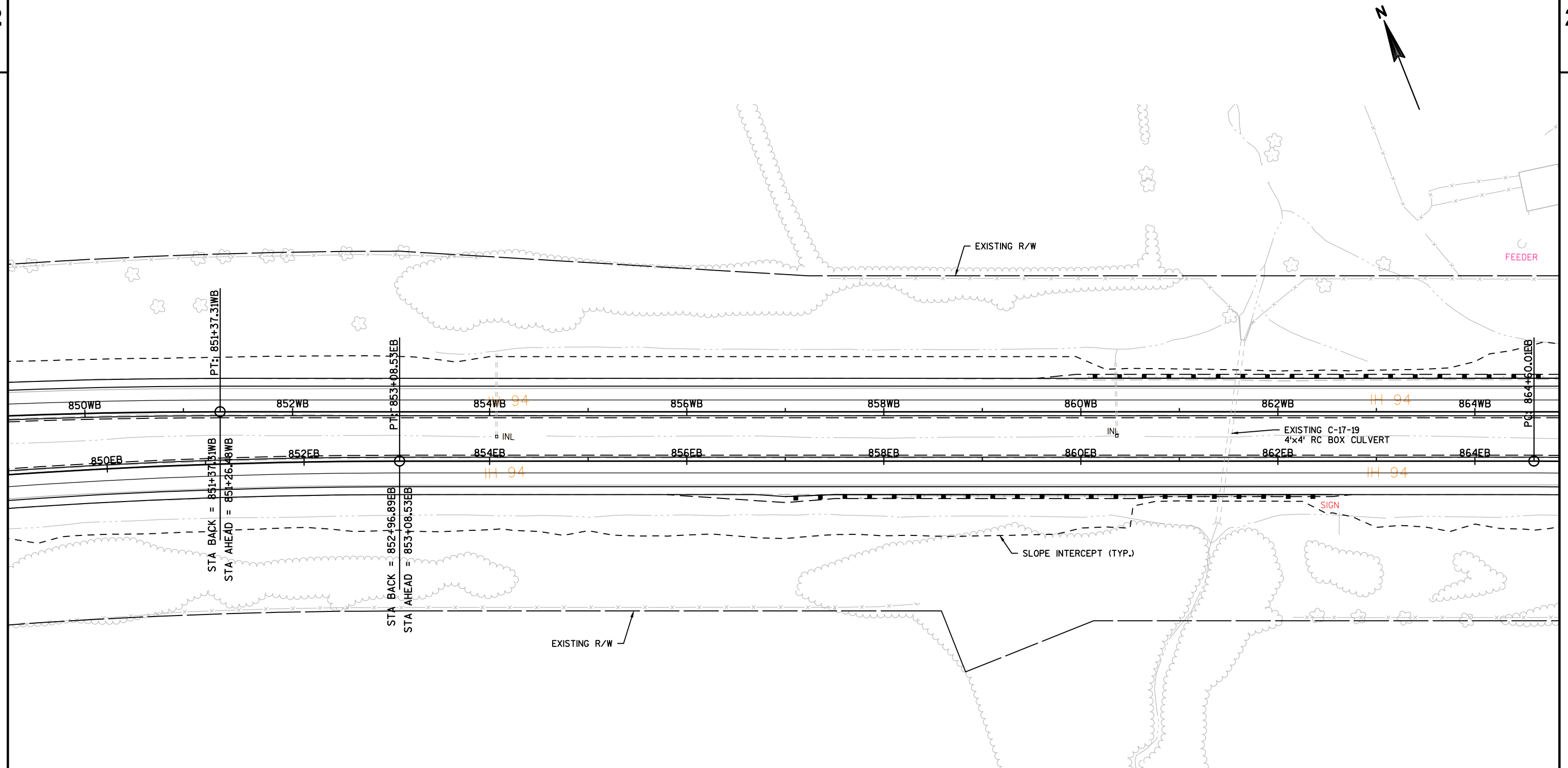
PLOT SCALE : 1 IN:100 FT

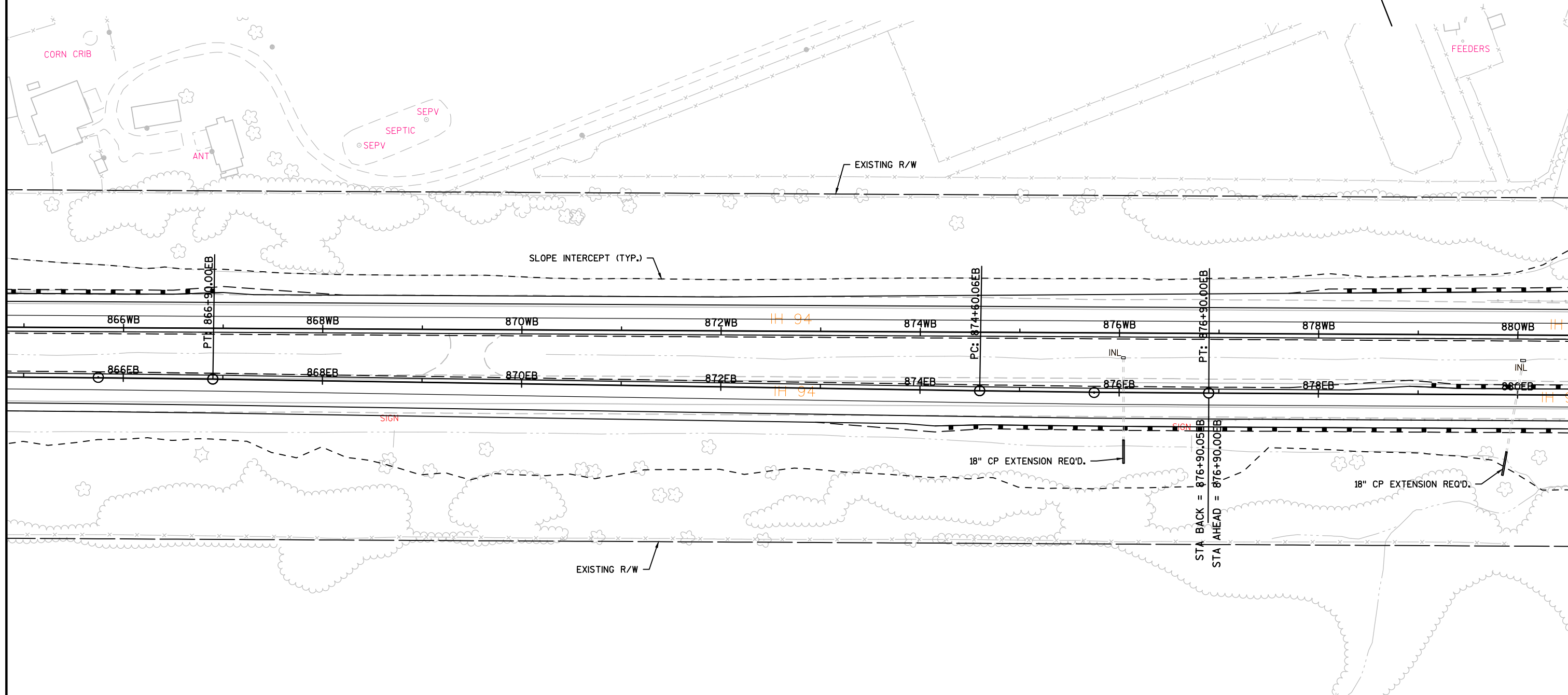
WISDOT/CADDs SHEET 42

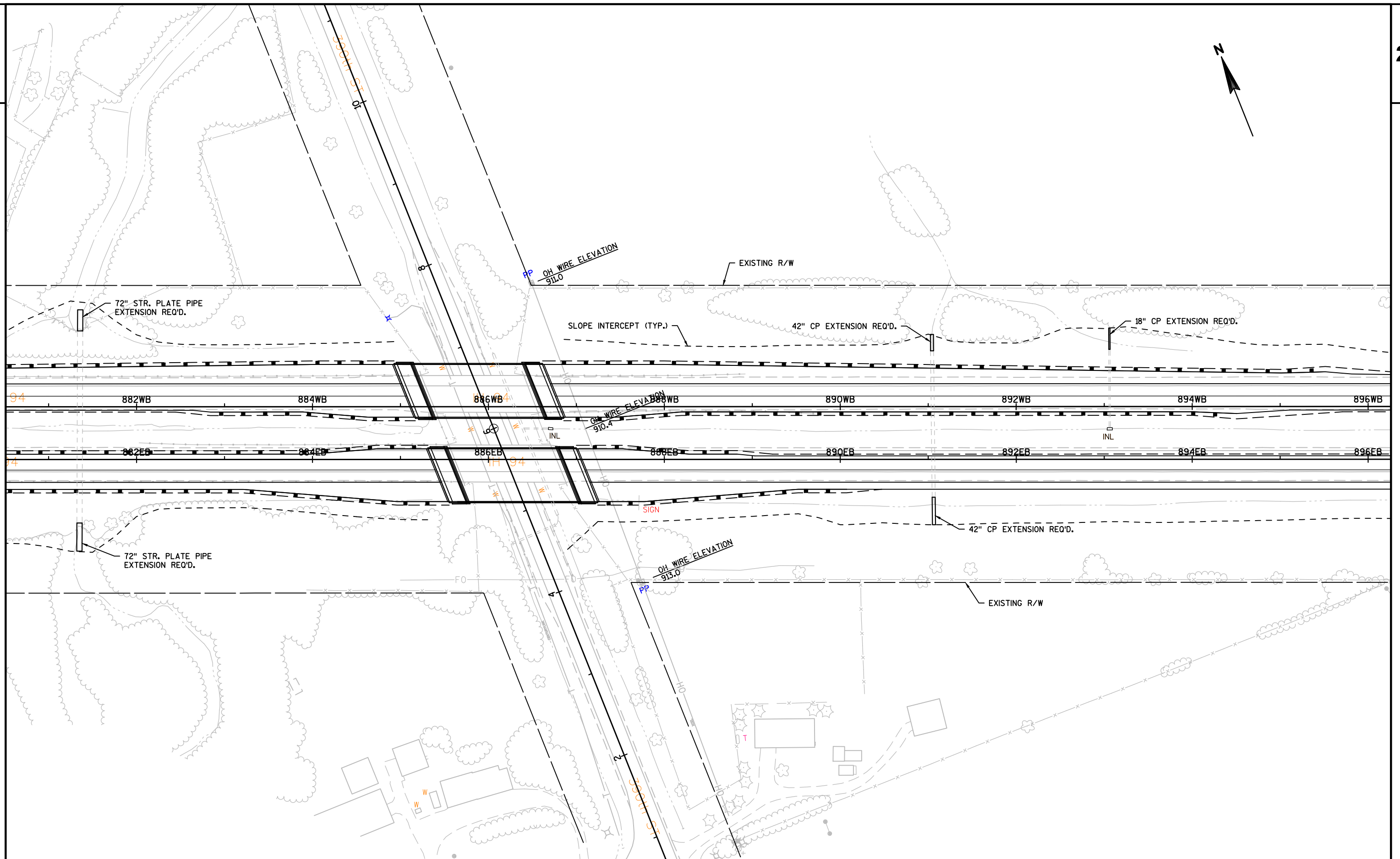




PROJECT NO:1022-08-72	HWY: IH 94	COUNTY: DUNN	EROSION CONTROL	SHEET	E
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PROJECT NO:1022-08-72

HWY: IH 94

COUNTY: DUNN

EROSION CONTROL

SHEET

E

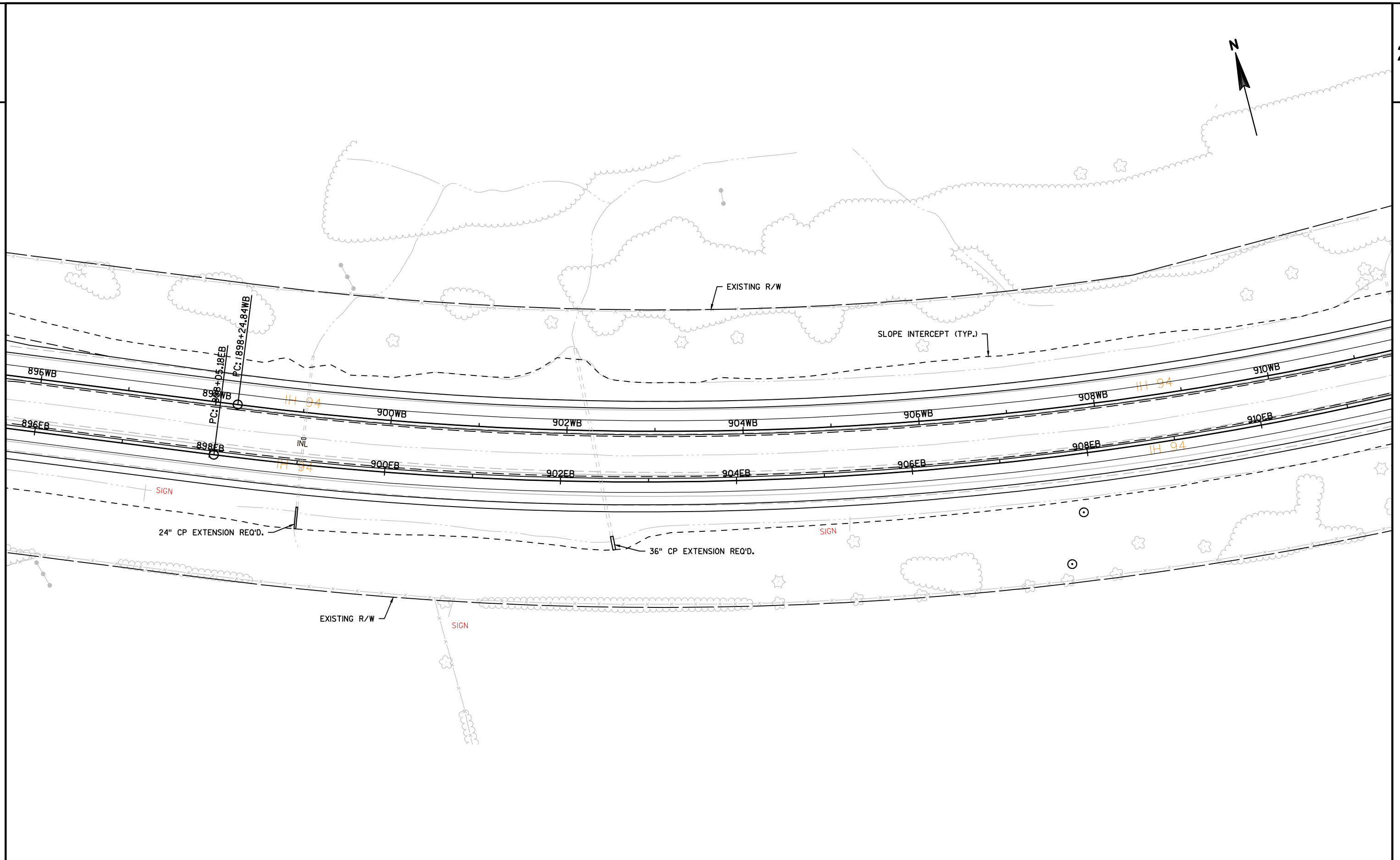
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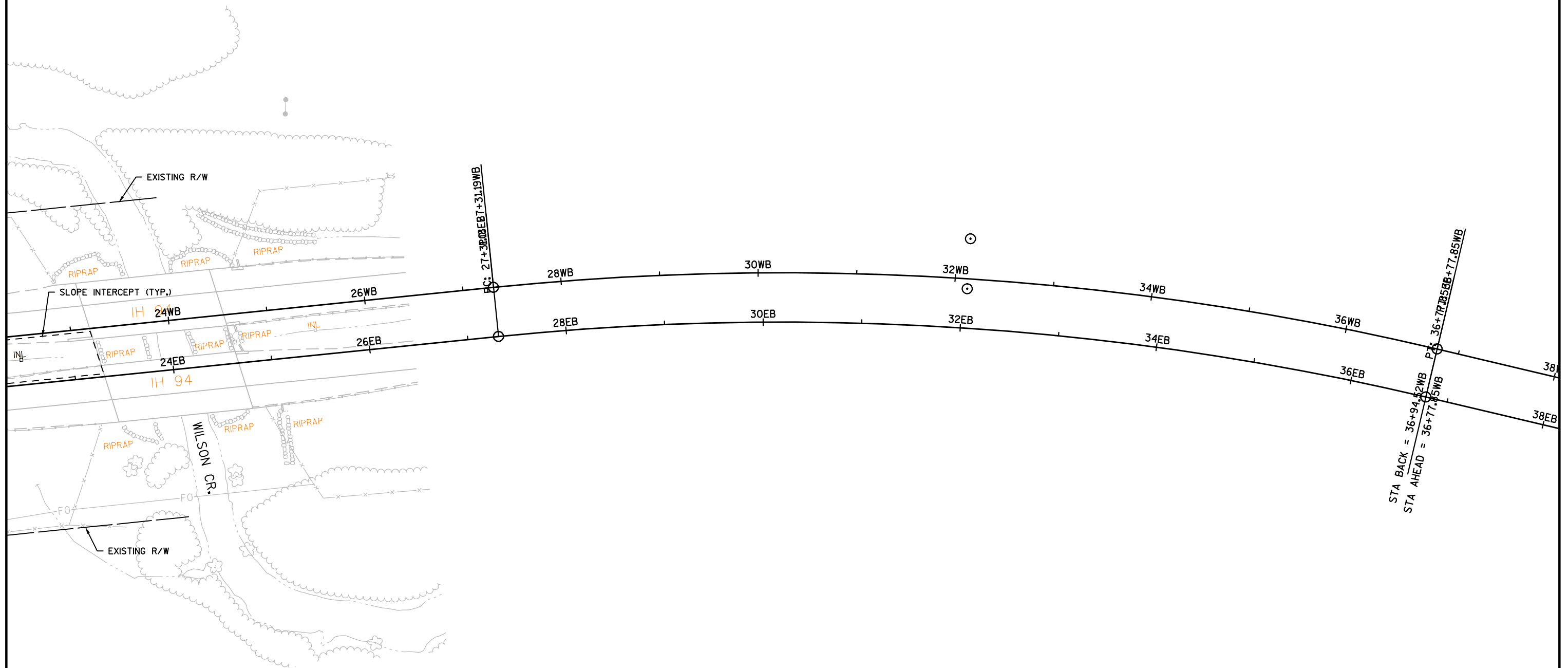
PLOT BY : ANDERSON, THOMAS R PLOT NAME :

PLOT SCALE : 1 IN:100 FT

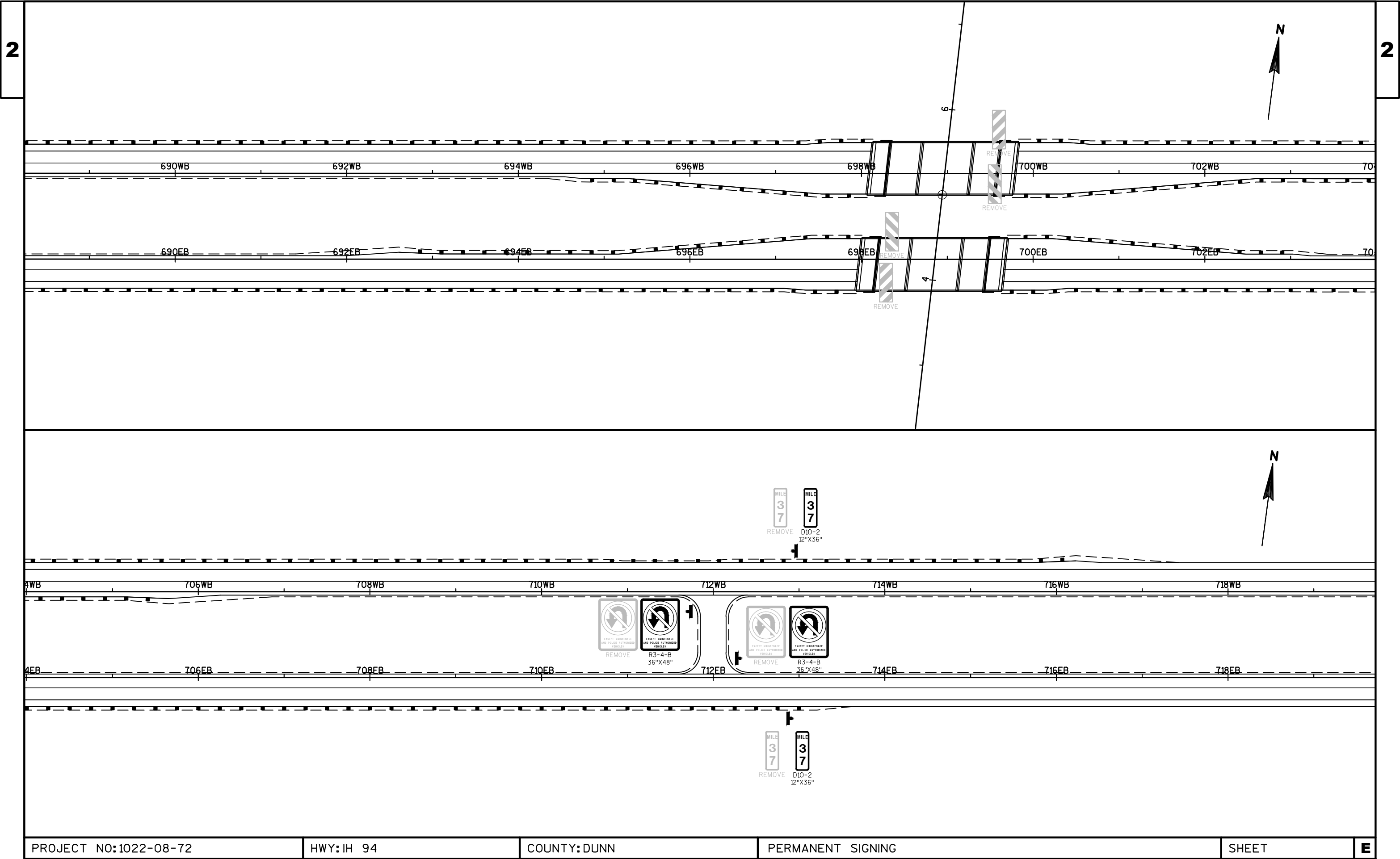
WISDOT/CADDs SHEET 42

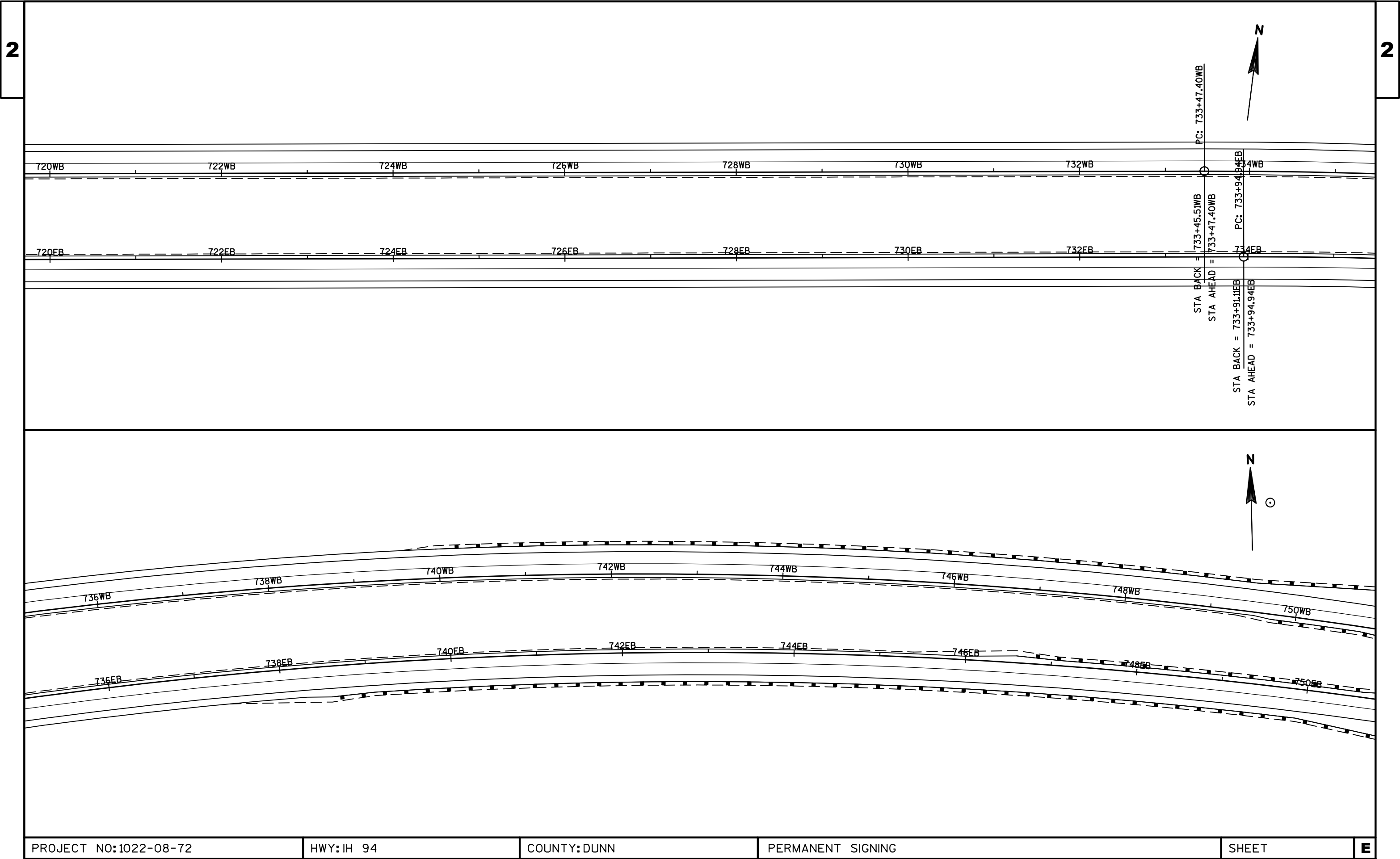


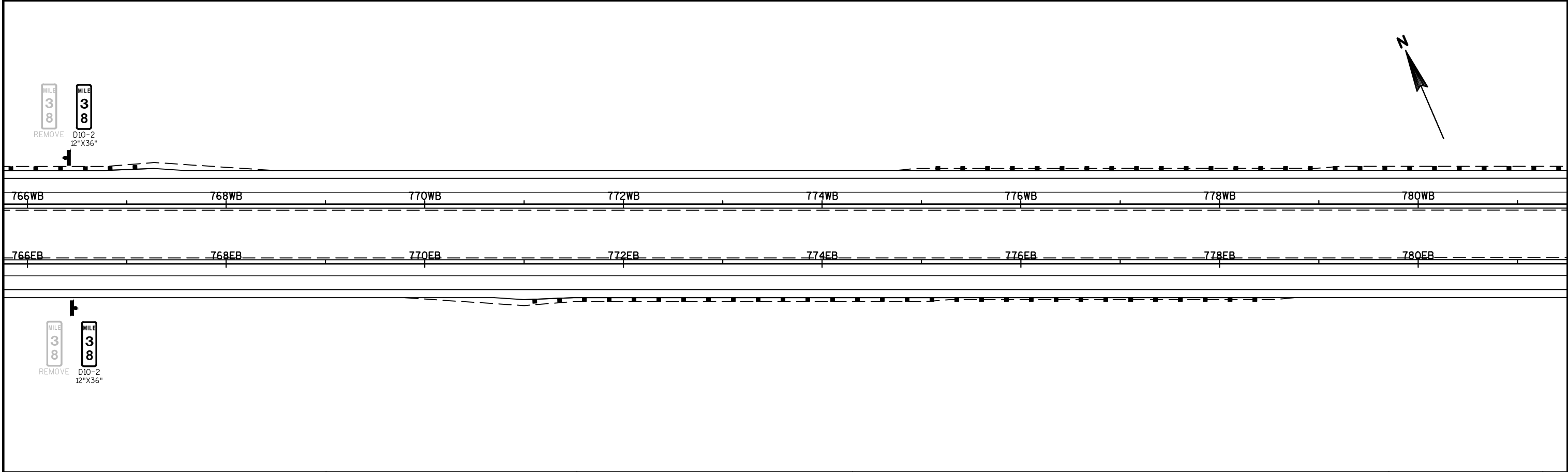
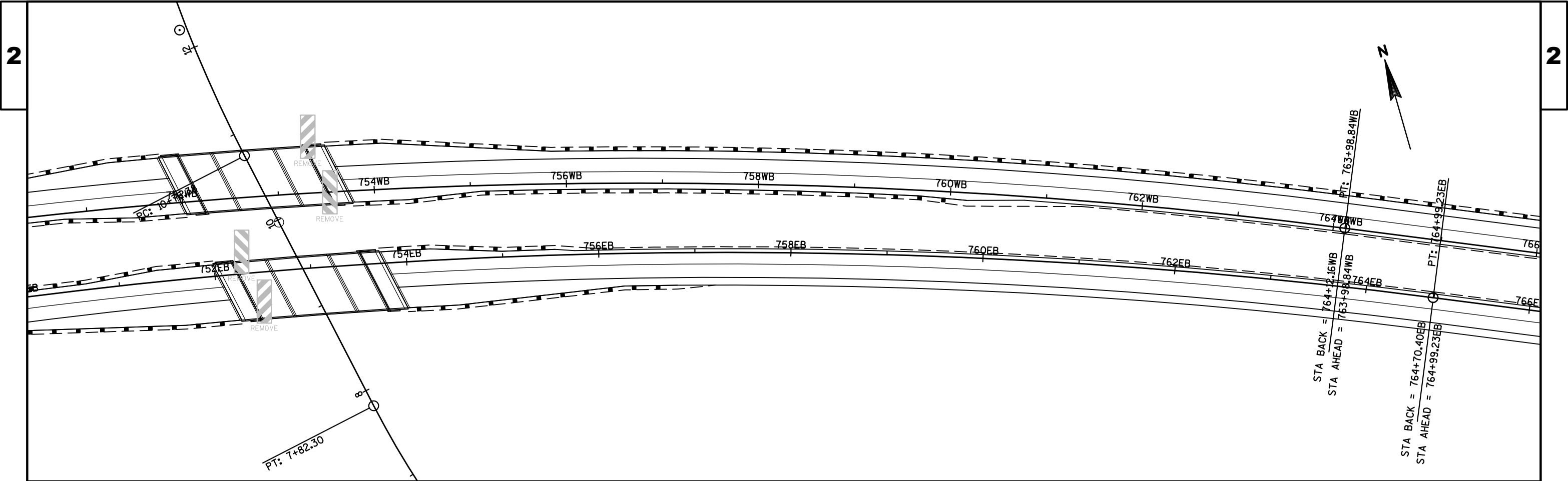
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	EROSION CONTROL	SHEET	E
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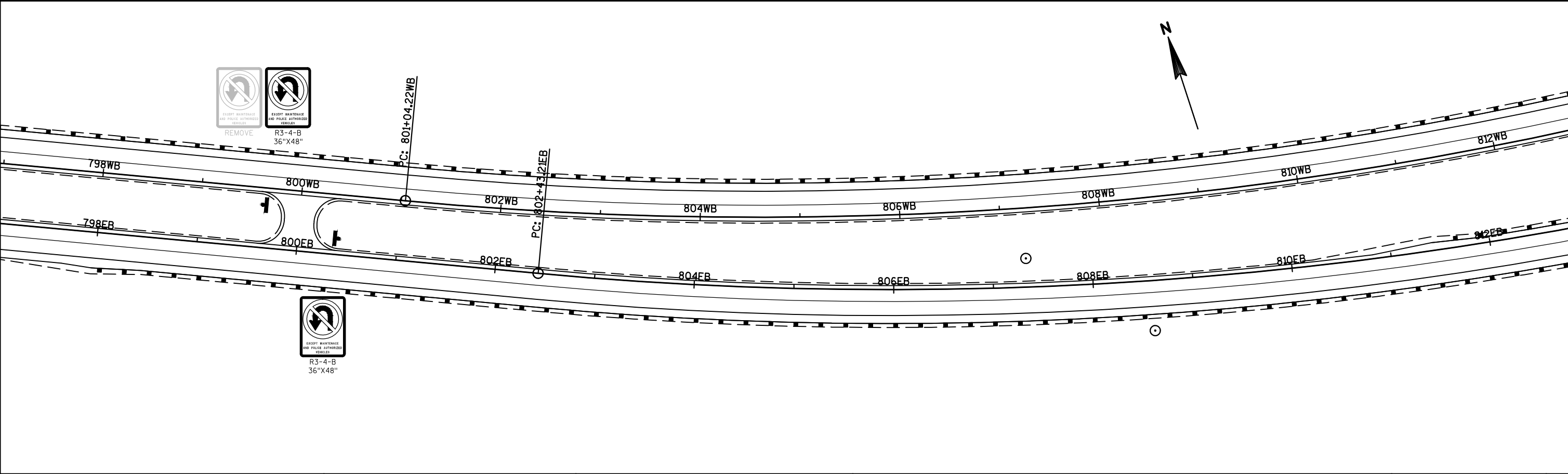
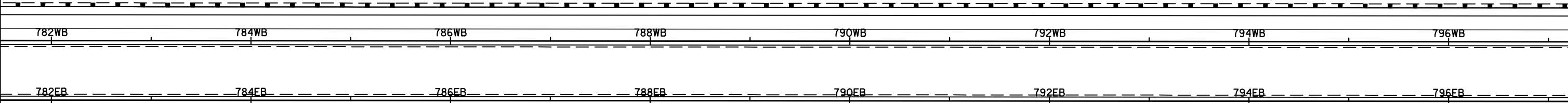
PROJECT NO:1022-08-72	HWY: IH 94	COUNTY: DUNN	EROSION CONTROL	SHEET	E
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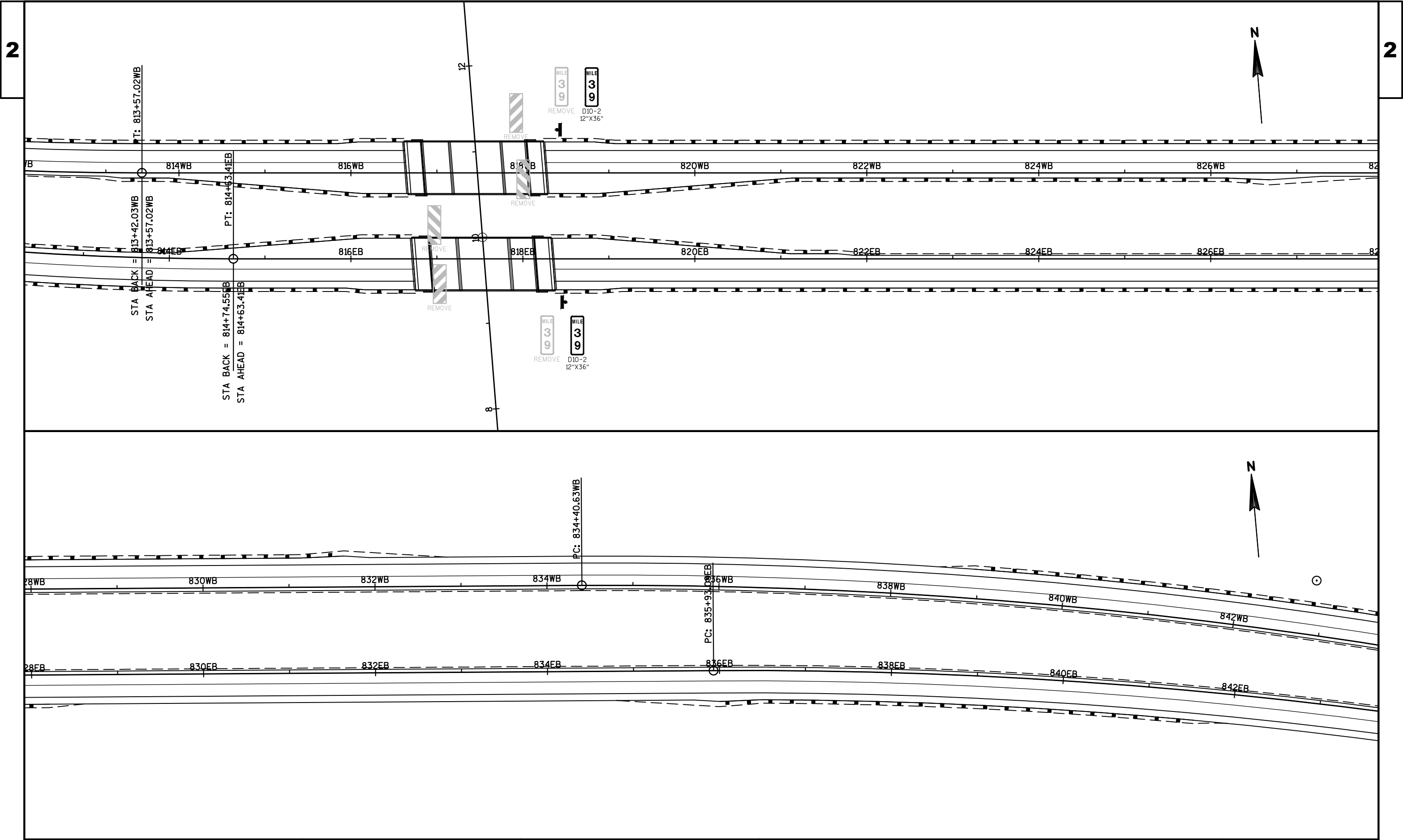


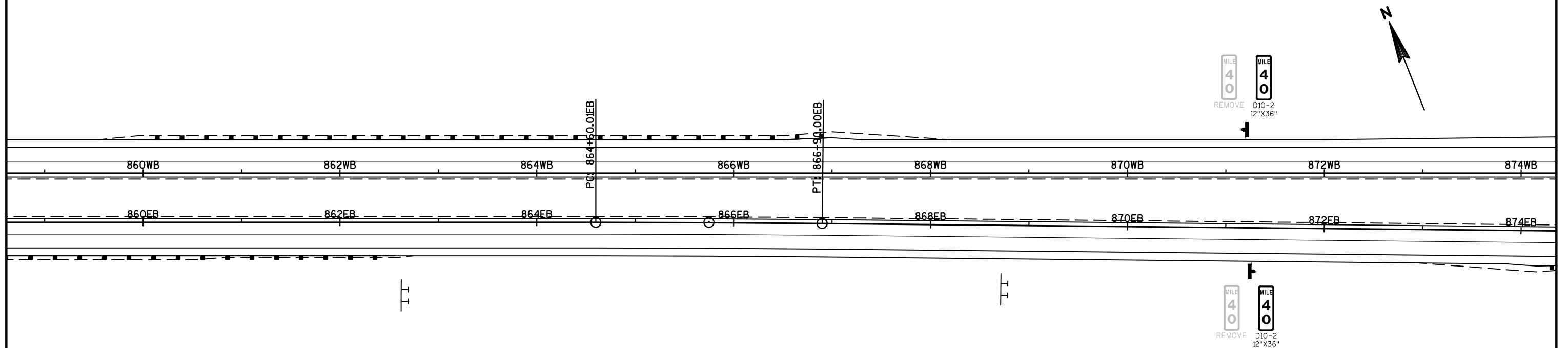
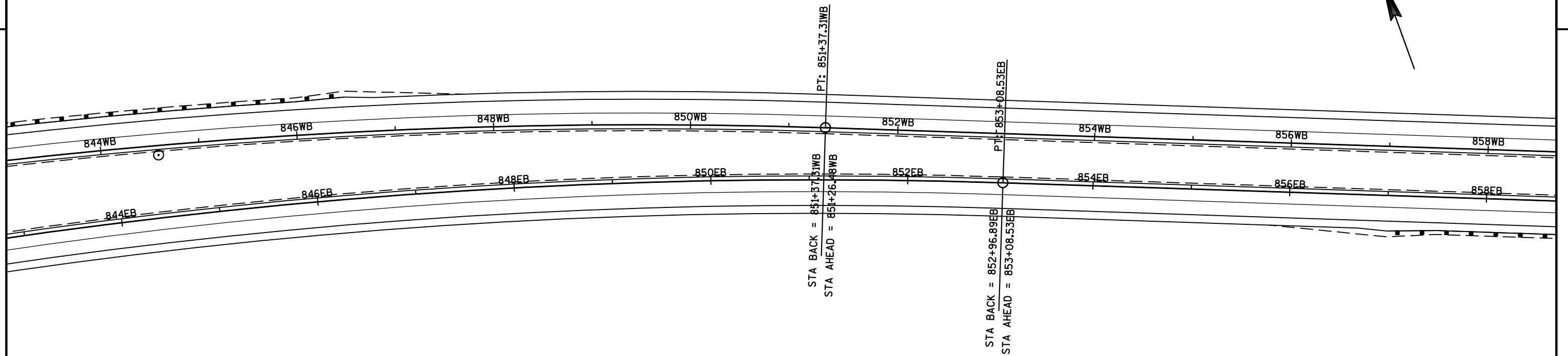


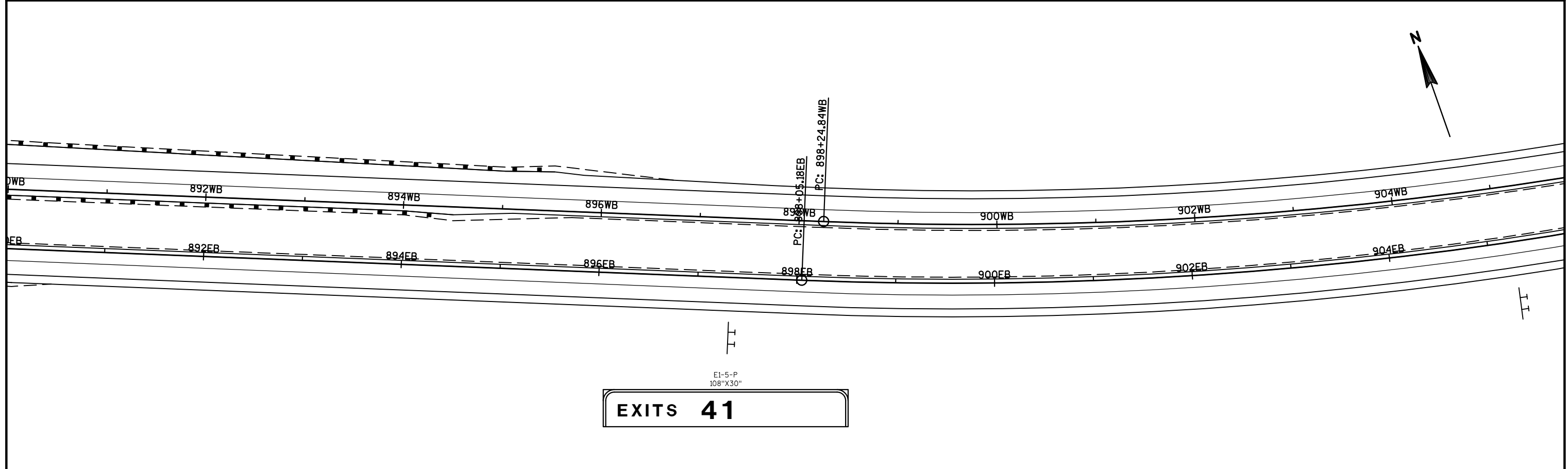
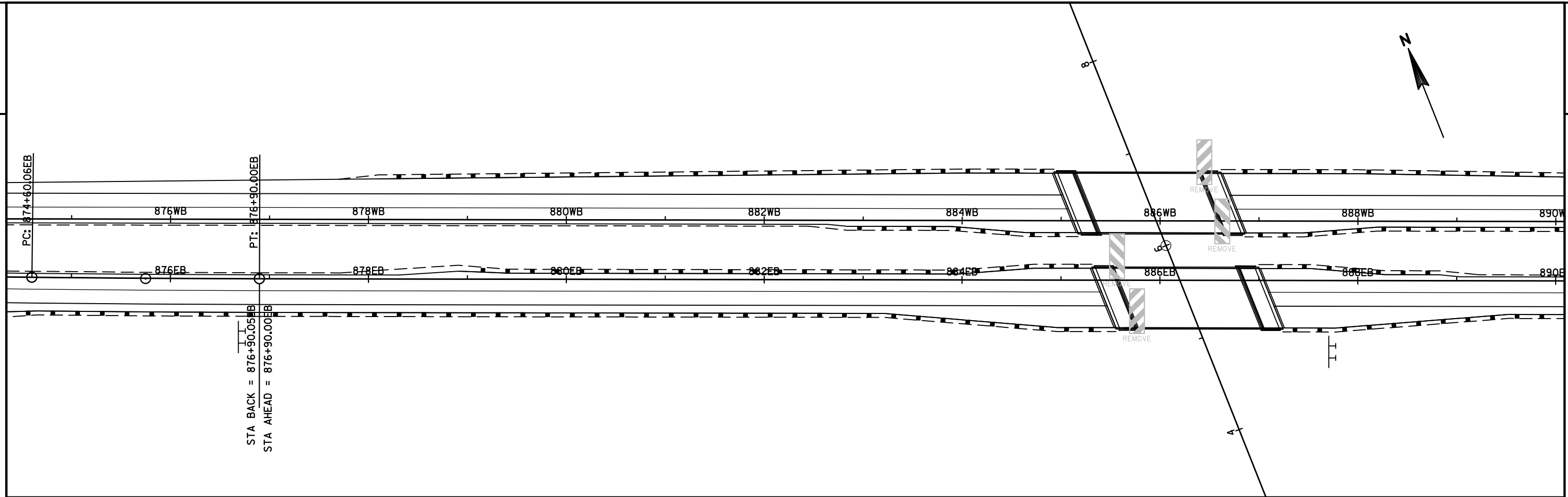
PROJECT NO:1022-08-72	HWY: IH 94	COUNTY: DUNN	PERMANENT SIGNING	SHEET	E
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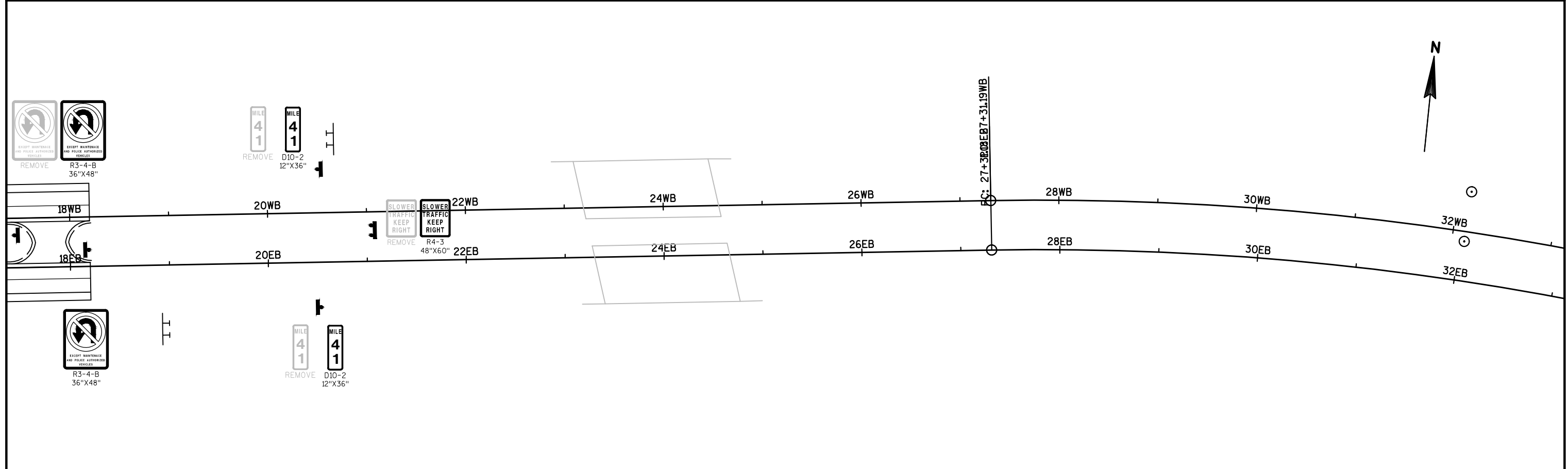
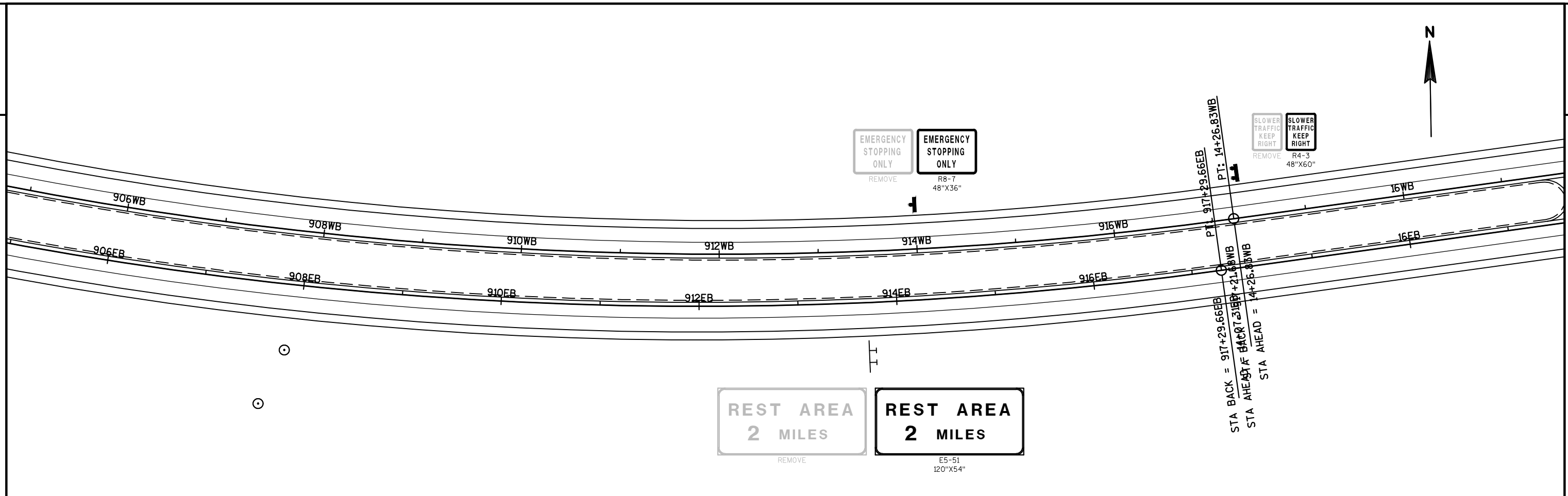
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	PERMANENT SIGNING	SHEET	E
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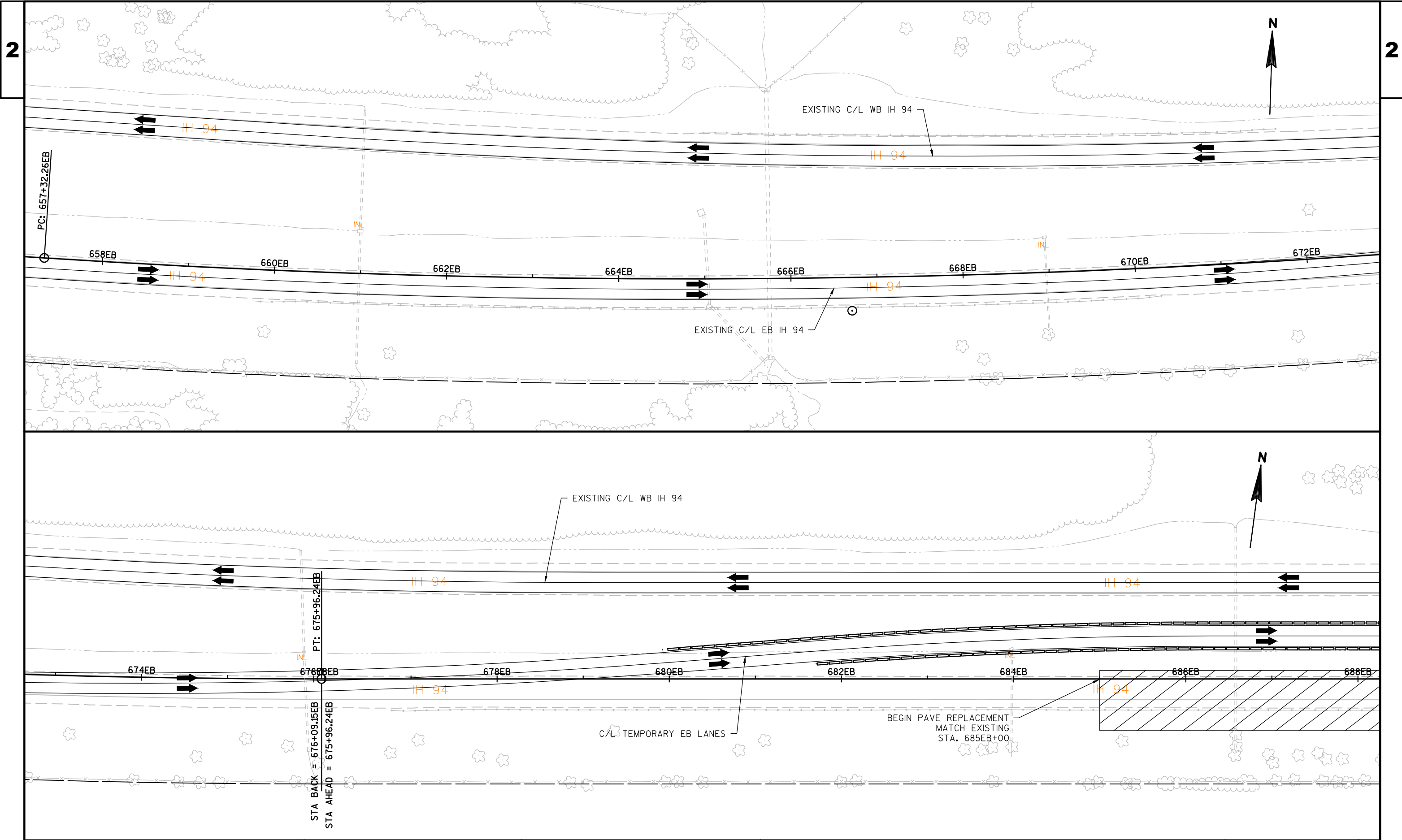




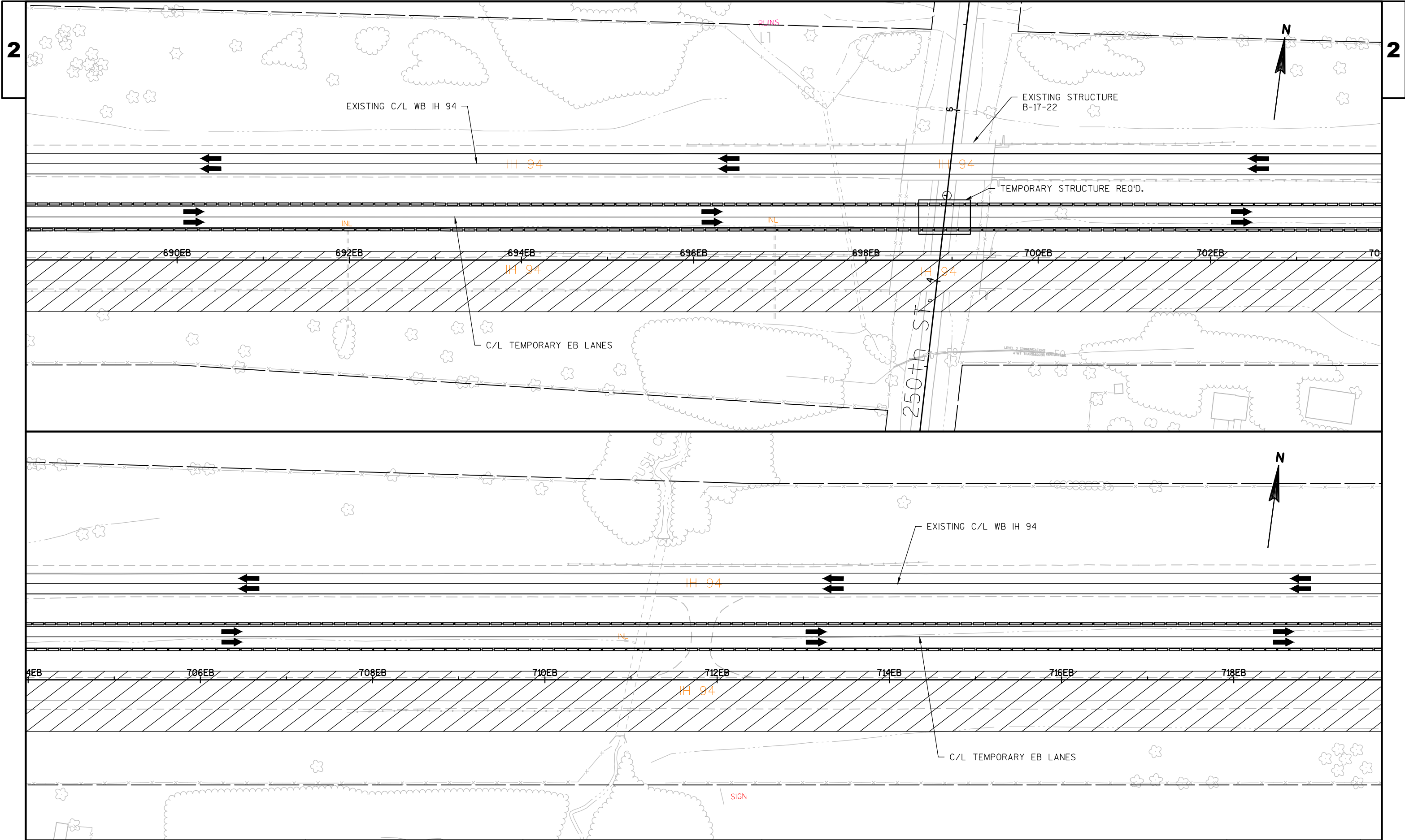
E1-5-P
108"X30"
EXITS 41



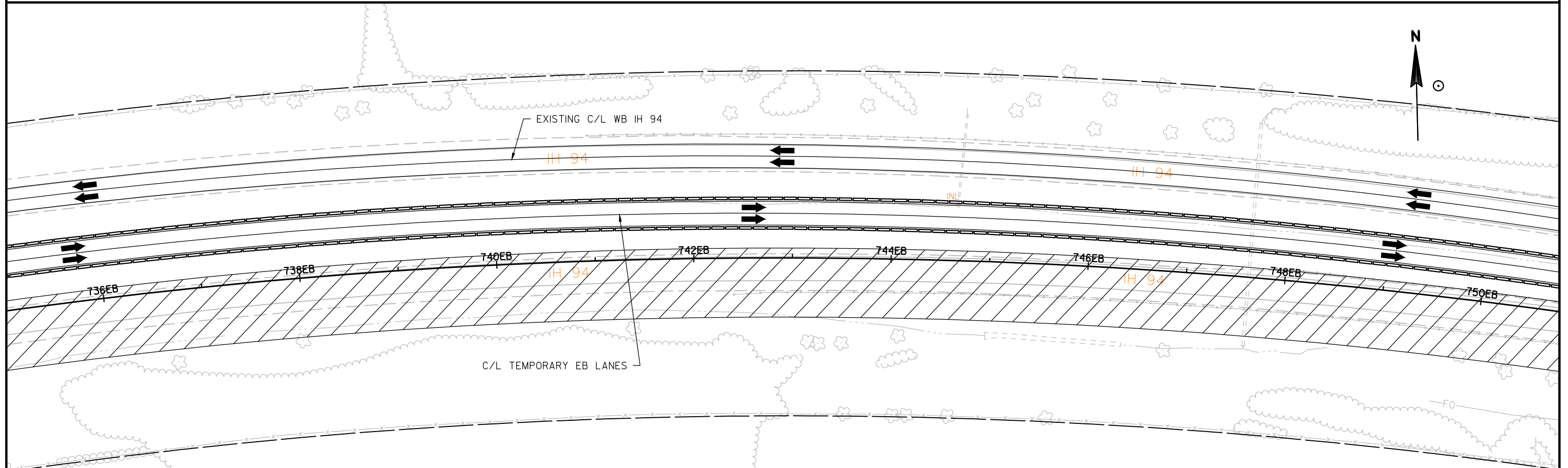
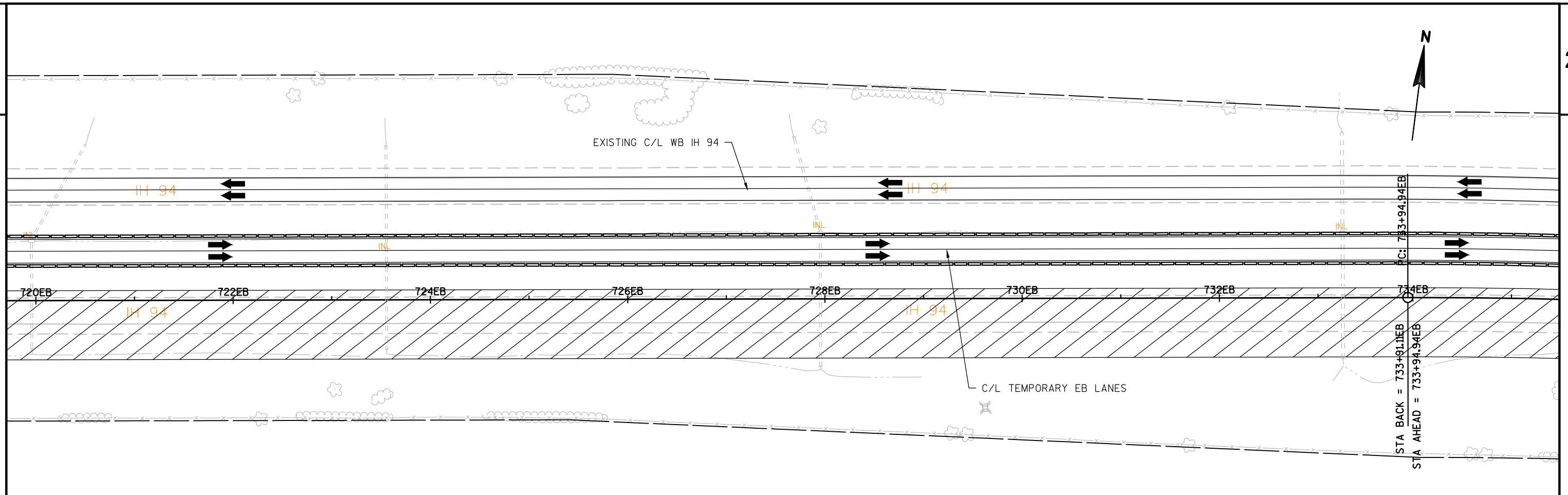
PROJECT NO:1022-08-72	HWY: IH 94	COUNTY: DUNN	PERMANENT SIGNING	SHEET	E
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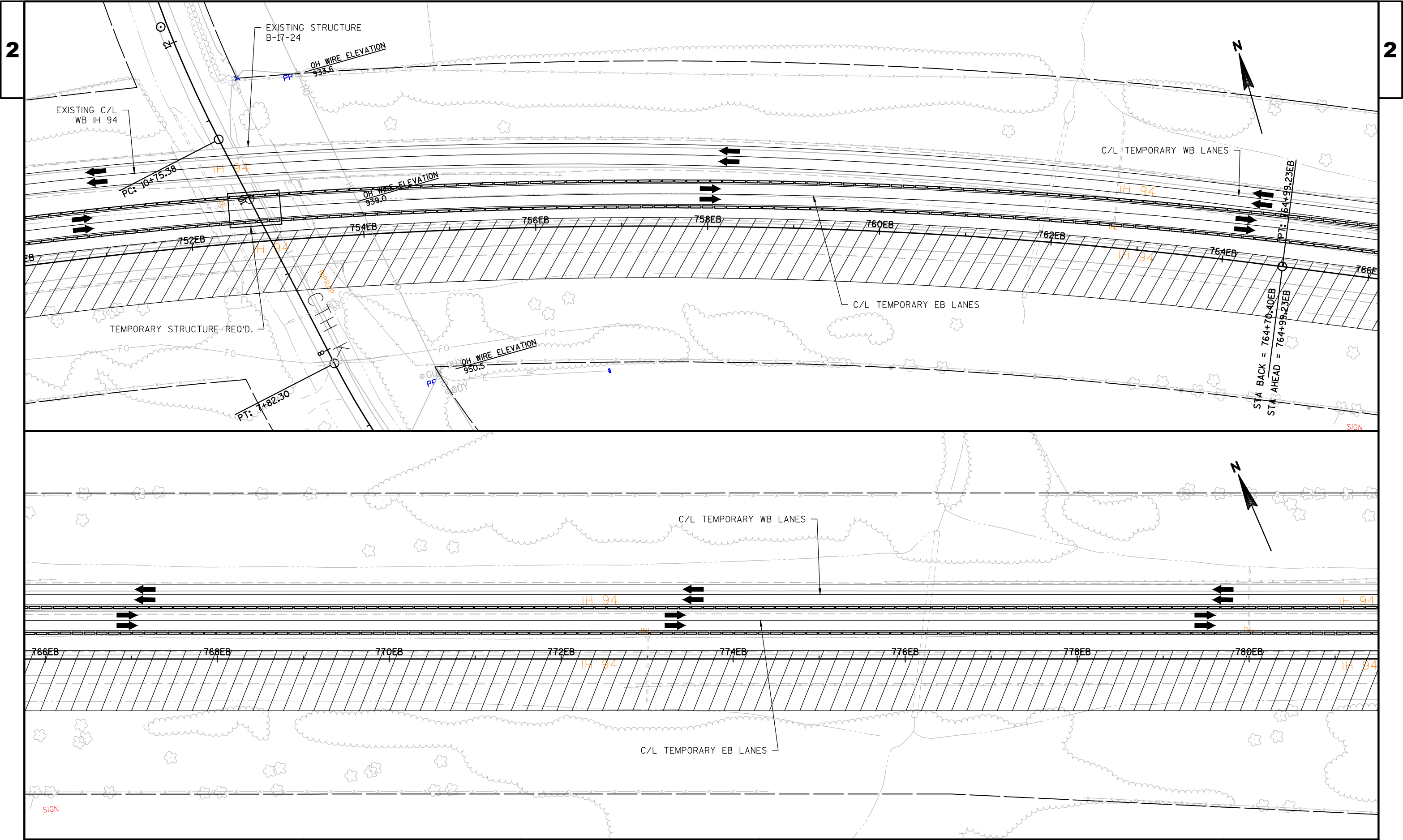


PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	TRAFFIC CONTROL - STAGE 3	SHEET	2
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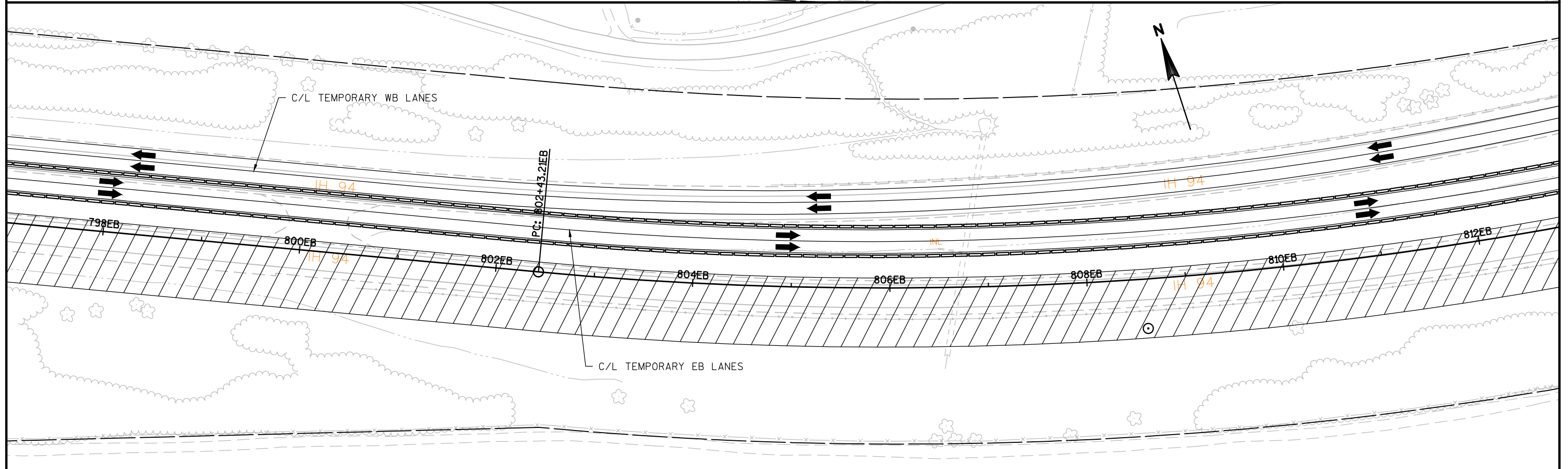
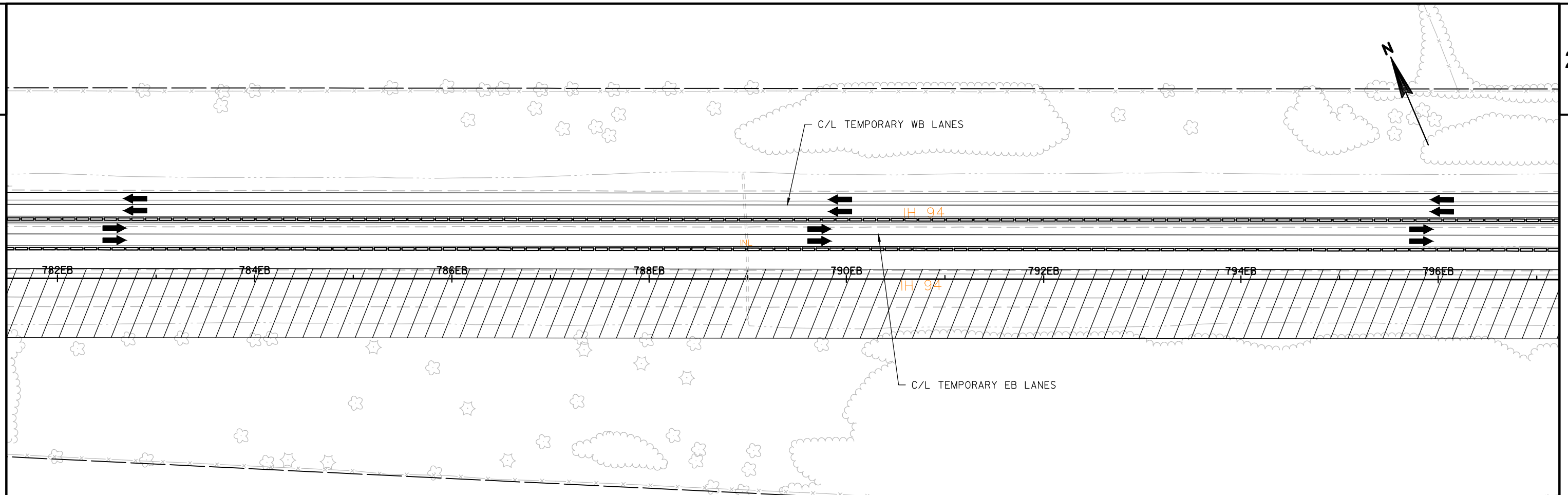


PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	TRAFFIC CONTROL - STAGE 3	SHEET	E
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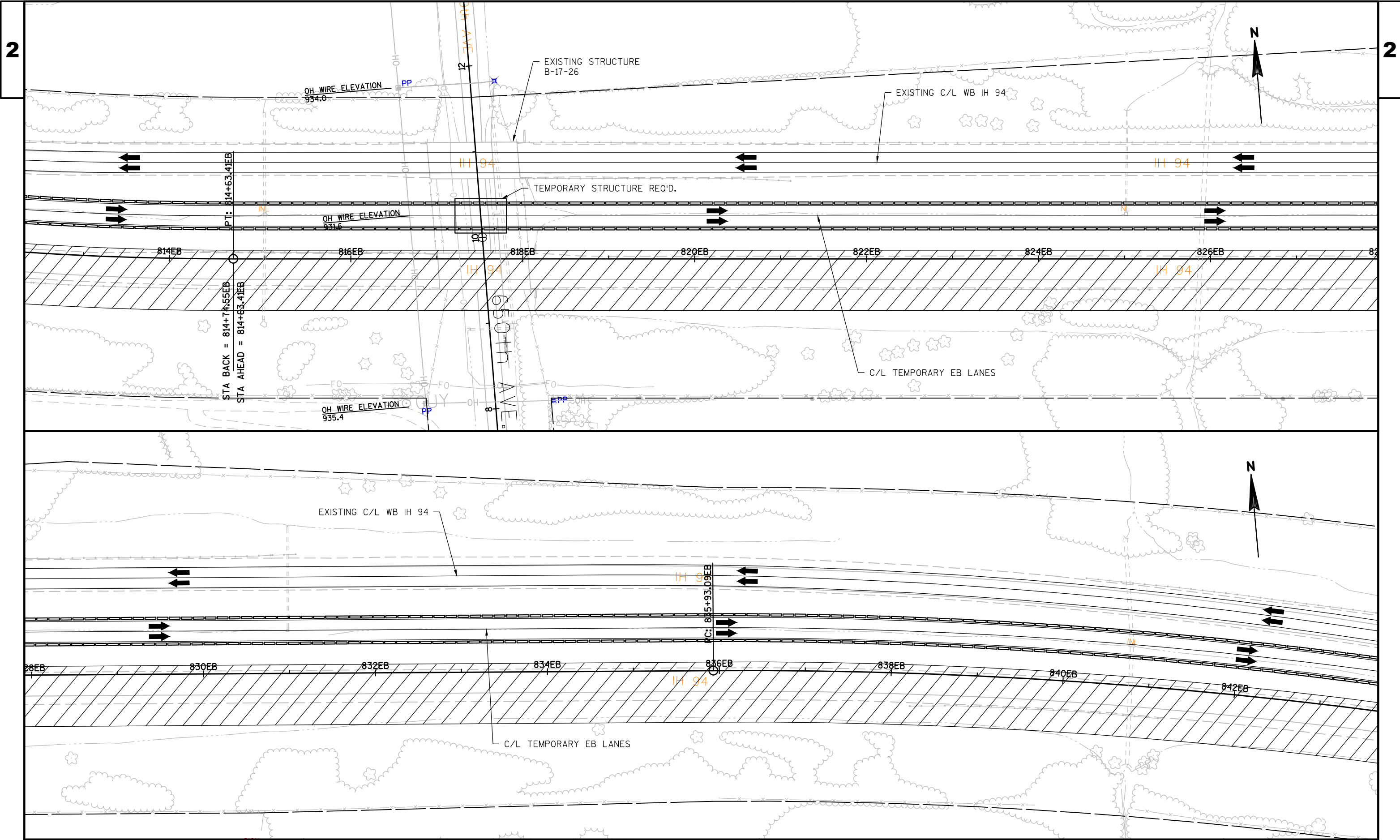


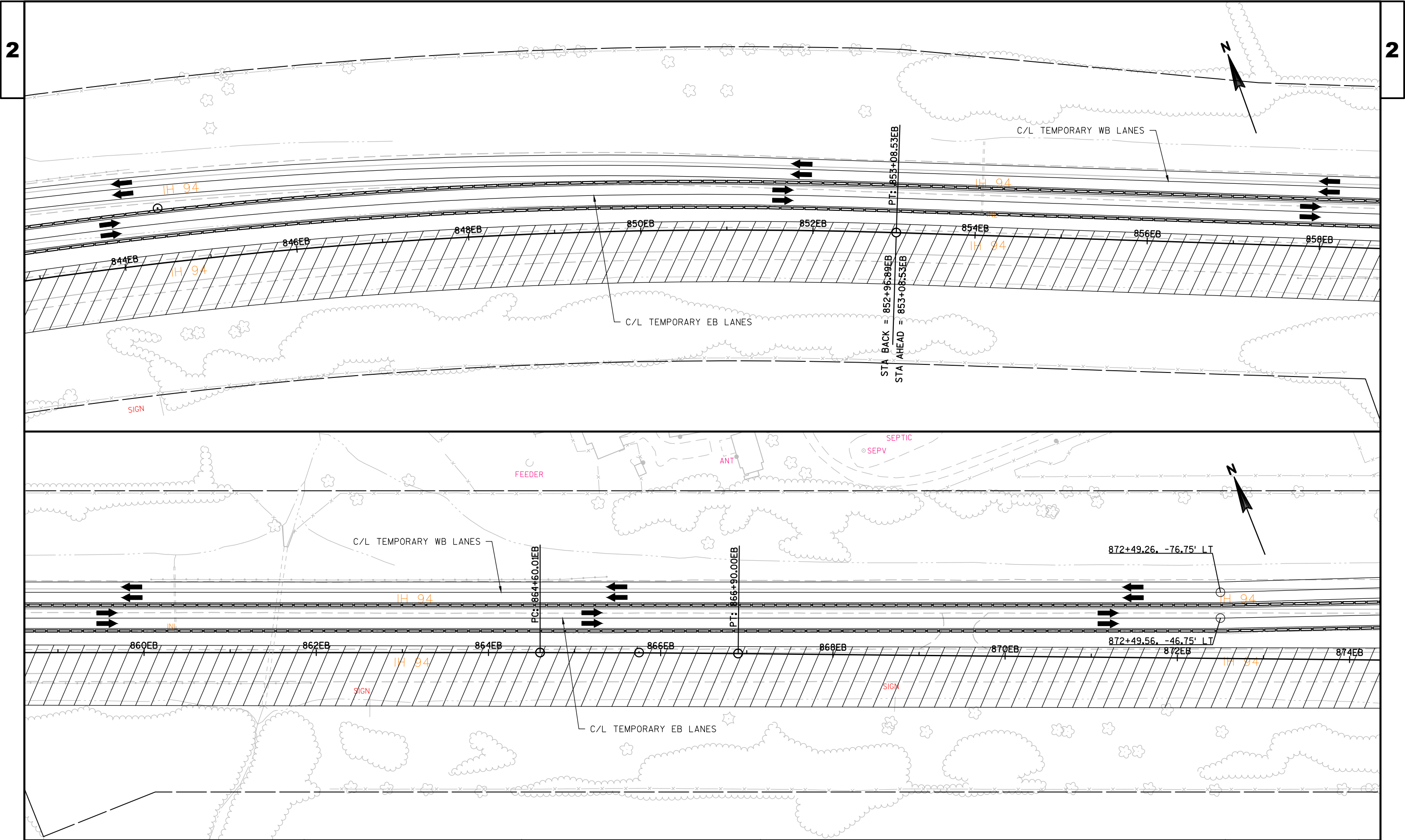


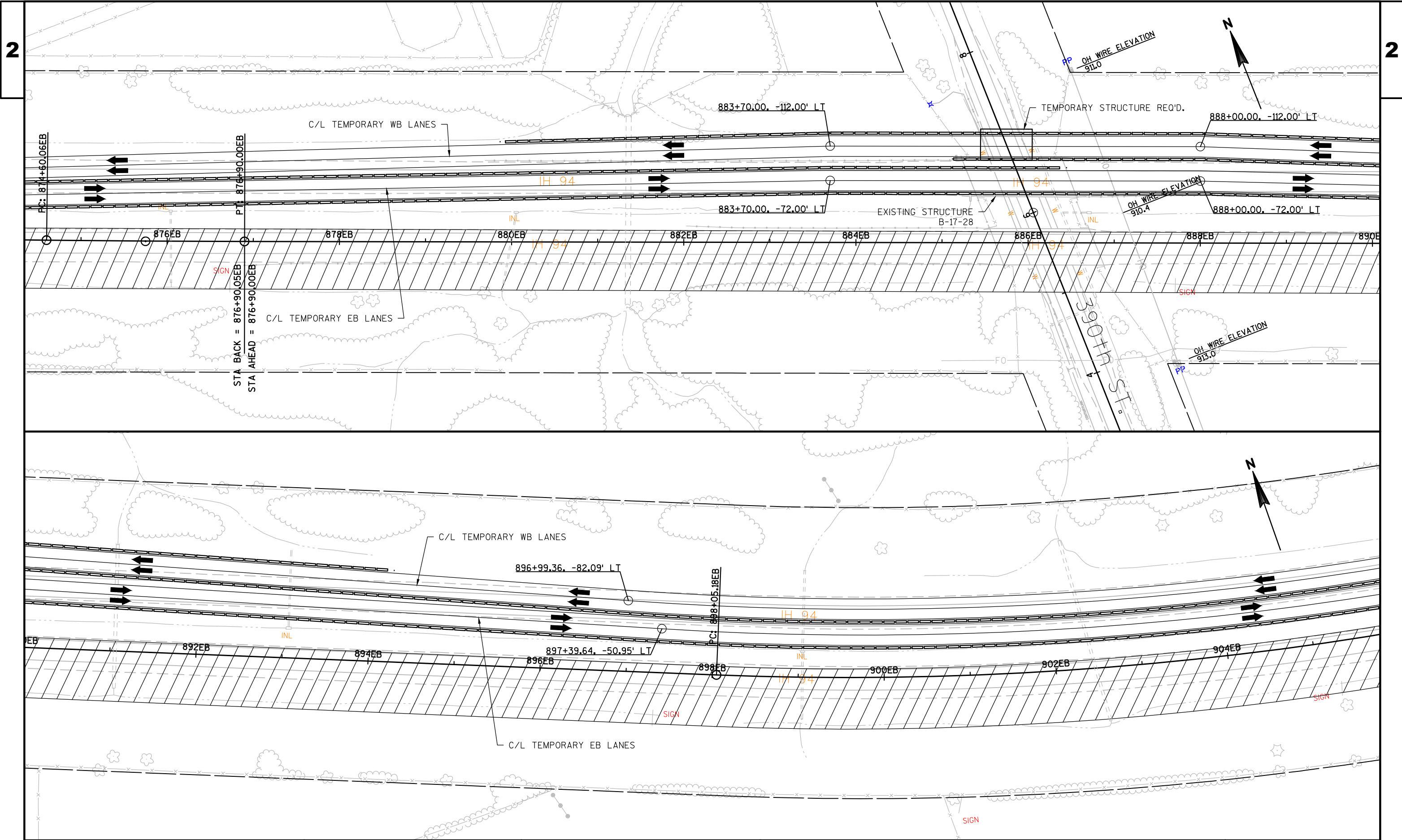
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	TRAFFIC CONTROL - STAGE 3	SHEET	E
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PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	TRAFFIC CONTROL - STAGE 3	SHEET	E
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PROJECT NO:1022-08-72

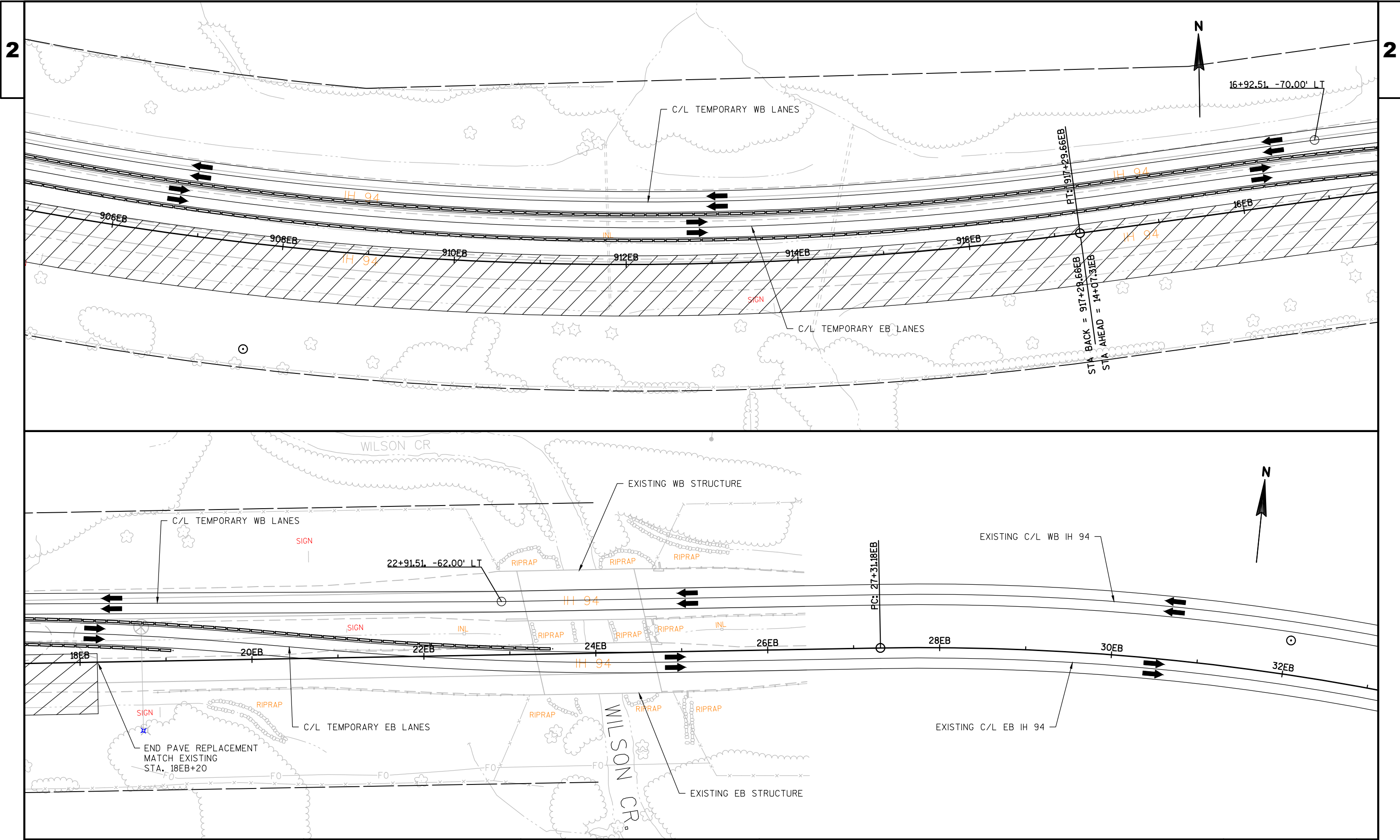
HWY:IH 94

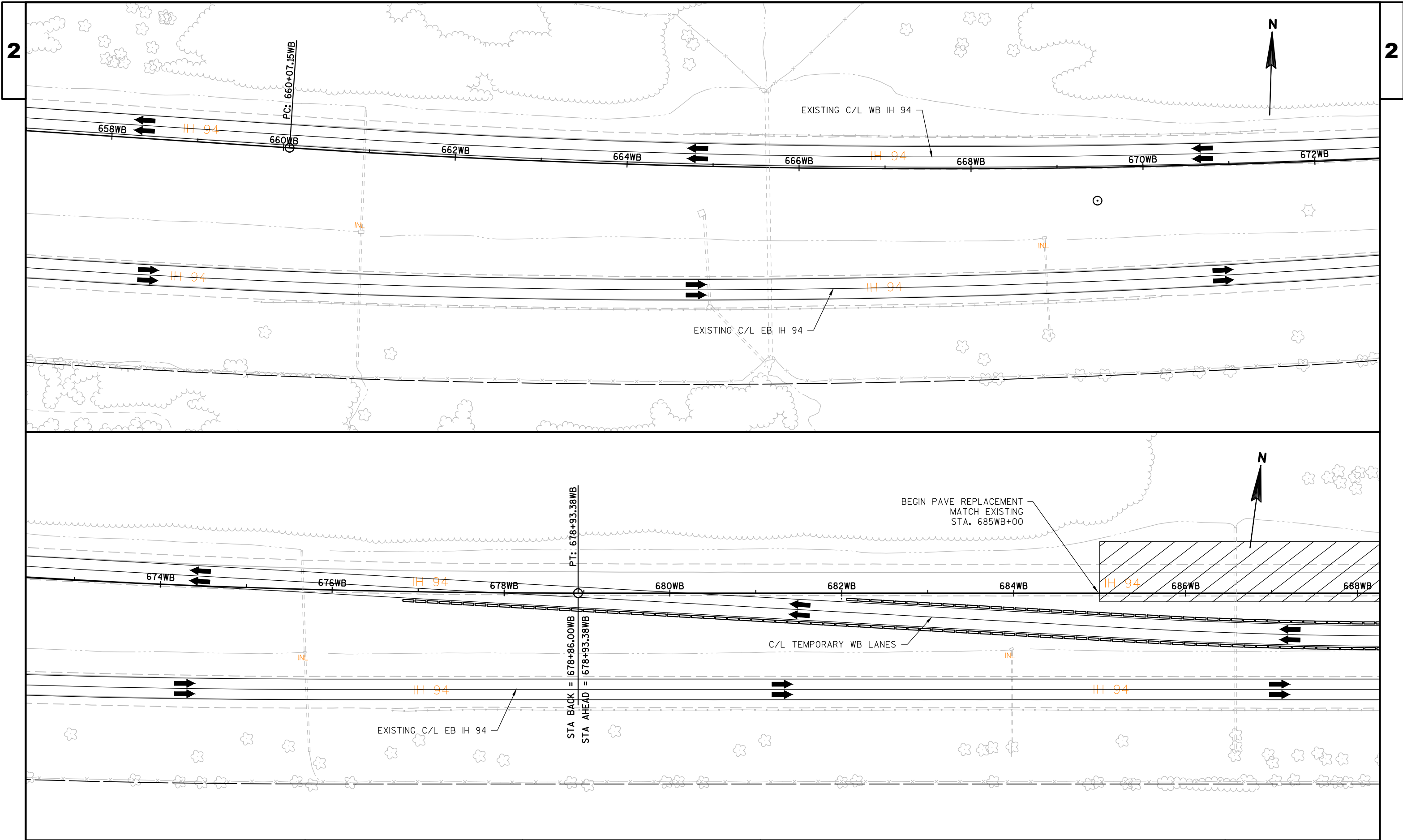
COUNTY:DUNN

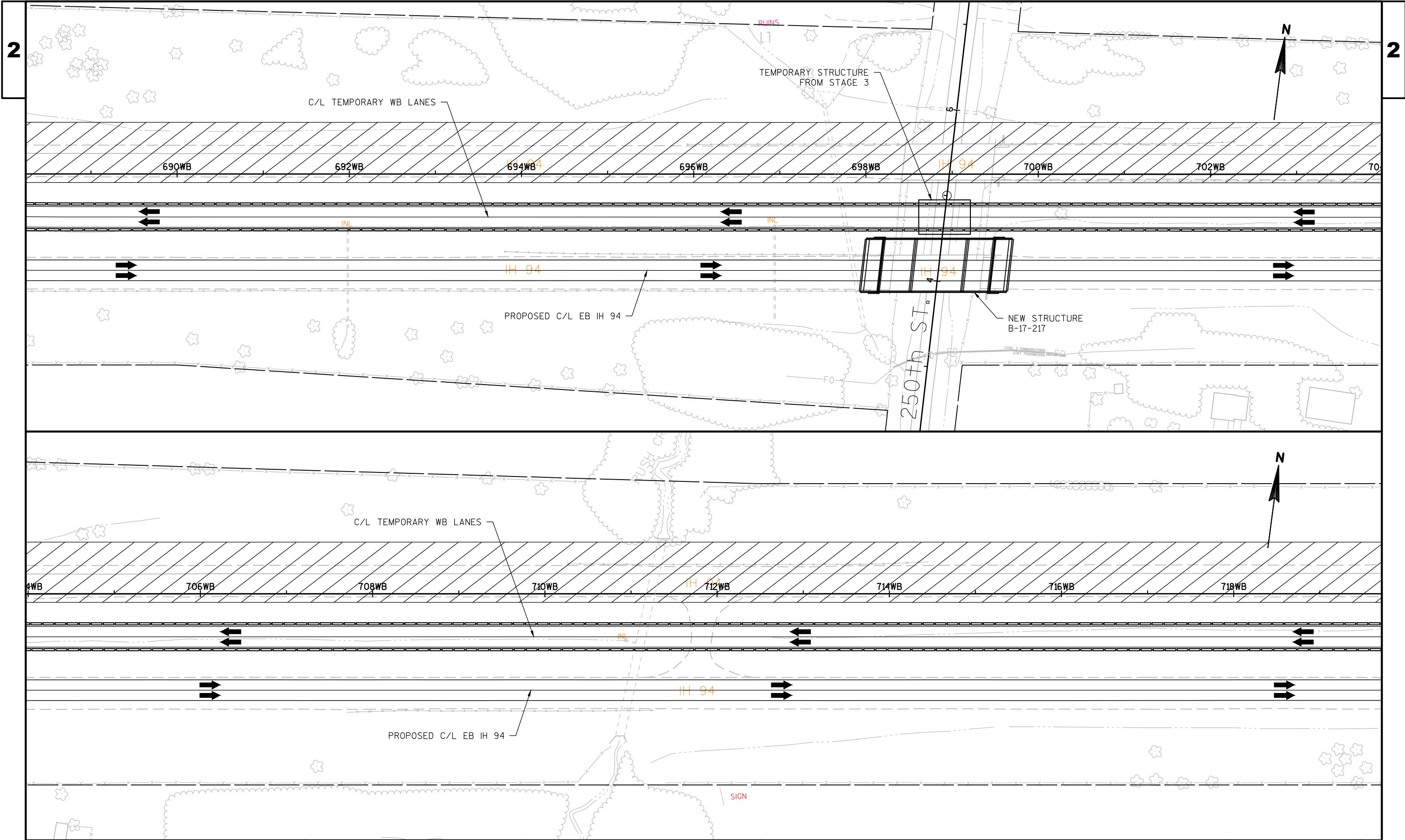
TRAFFIC CONTROL - STAGE 3

SHEET

E







PROJECT NO:1022-08-72

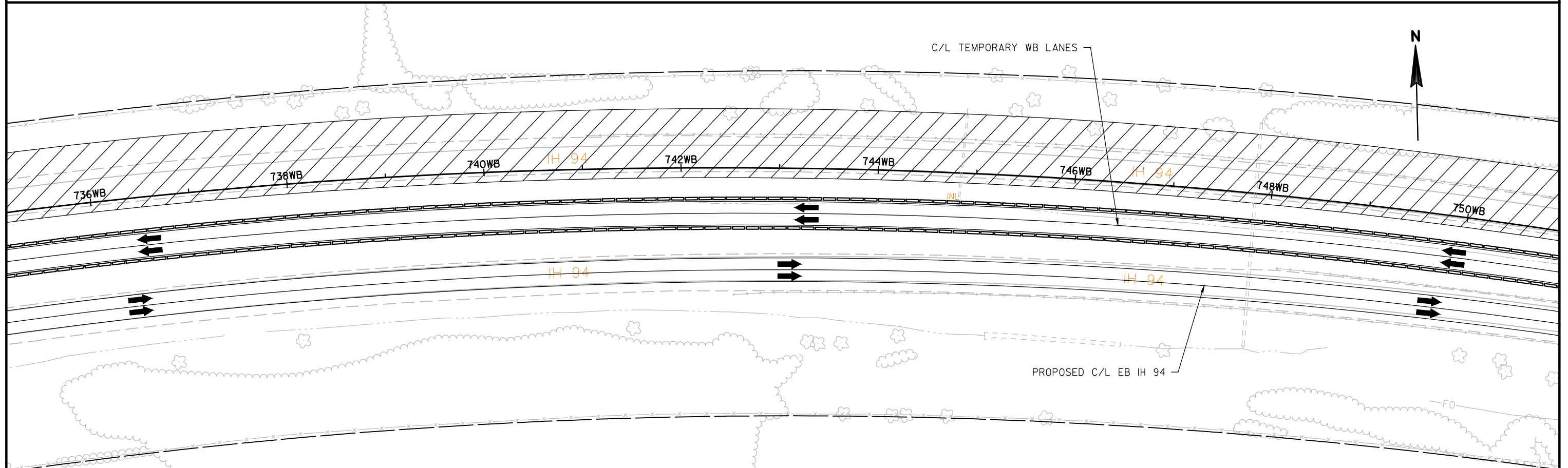
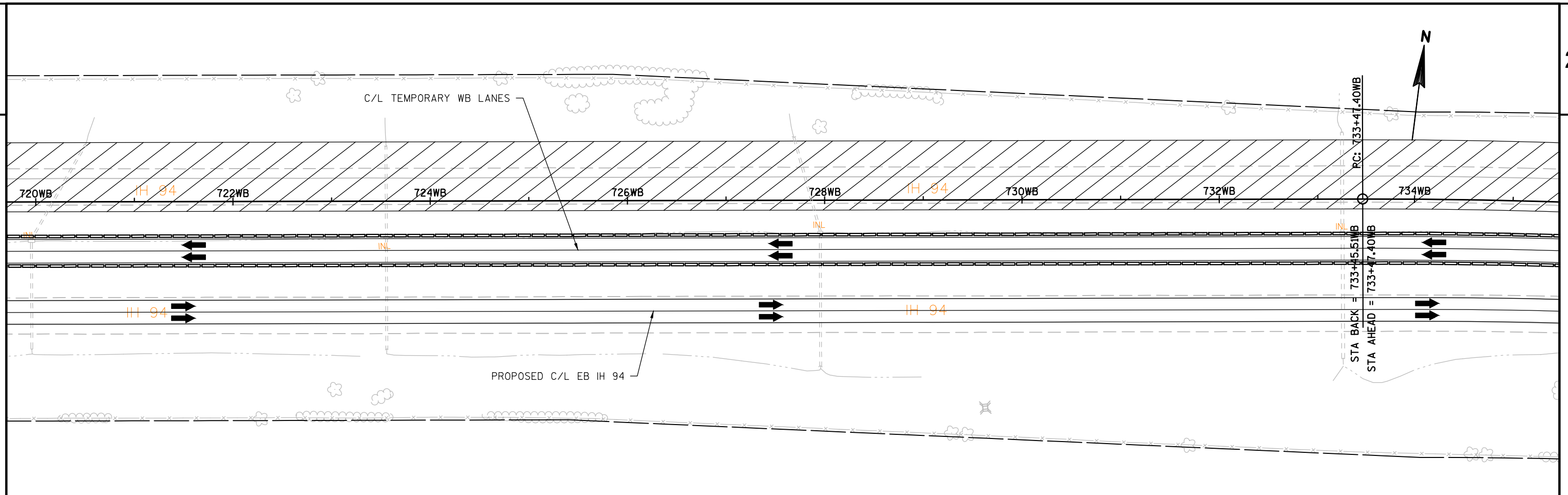
HWY: IH 94

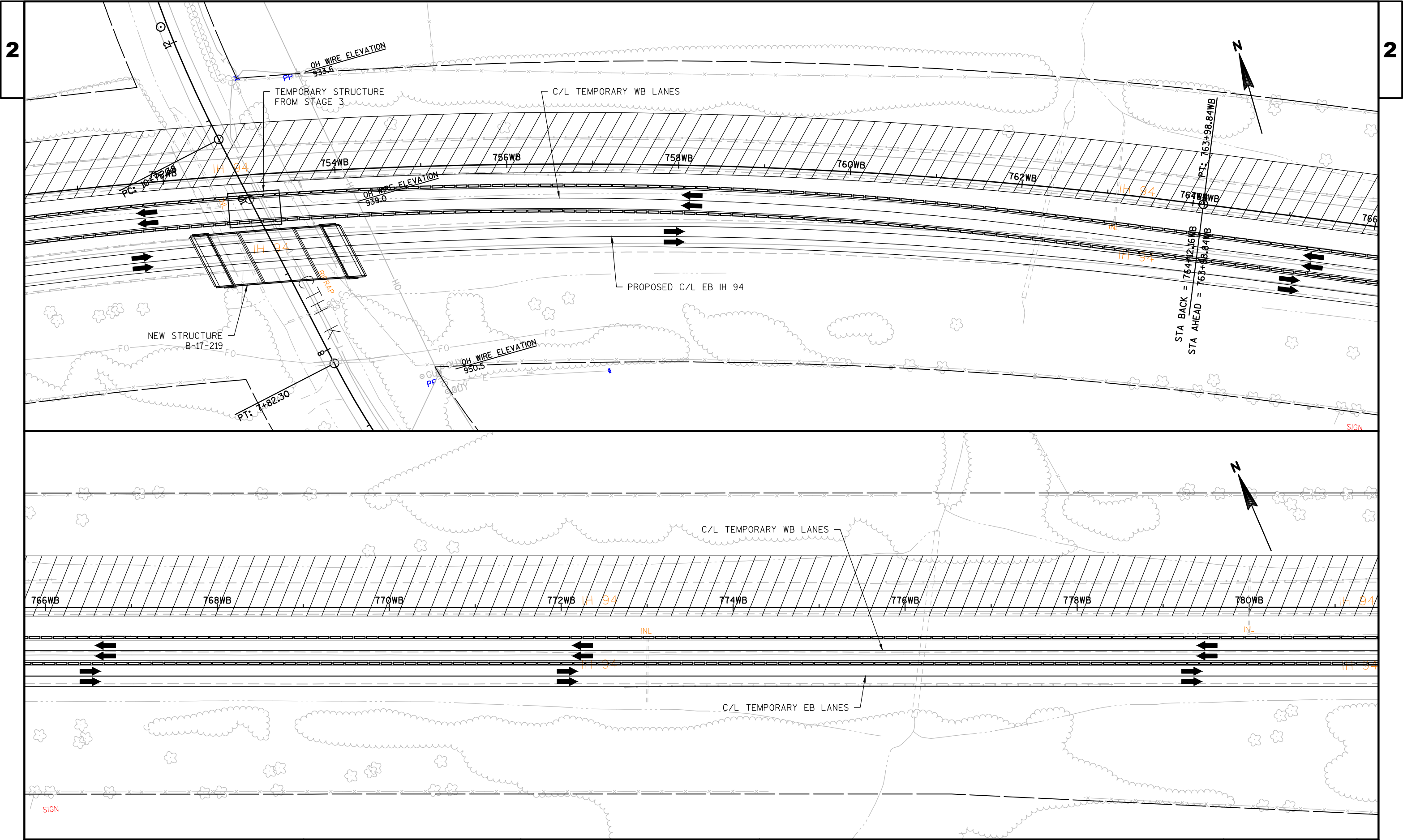
COUNTY: DUNN

TRAFFIC CONTROL - STAGE 5

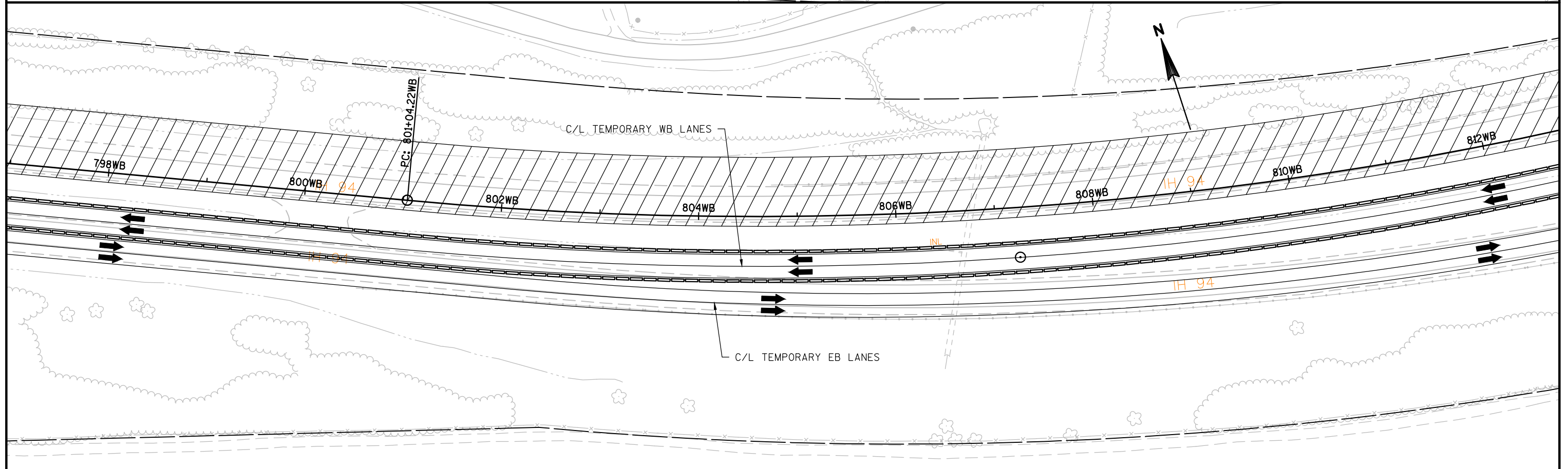
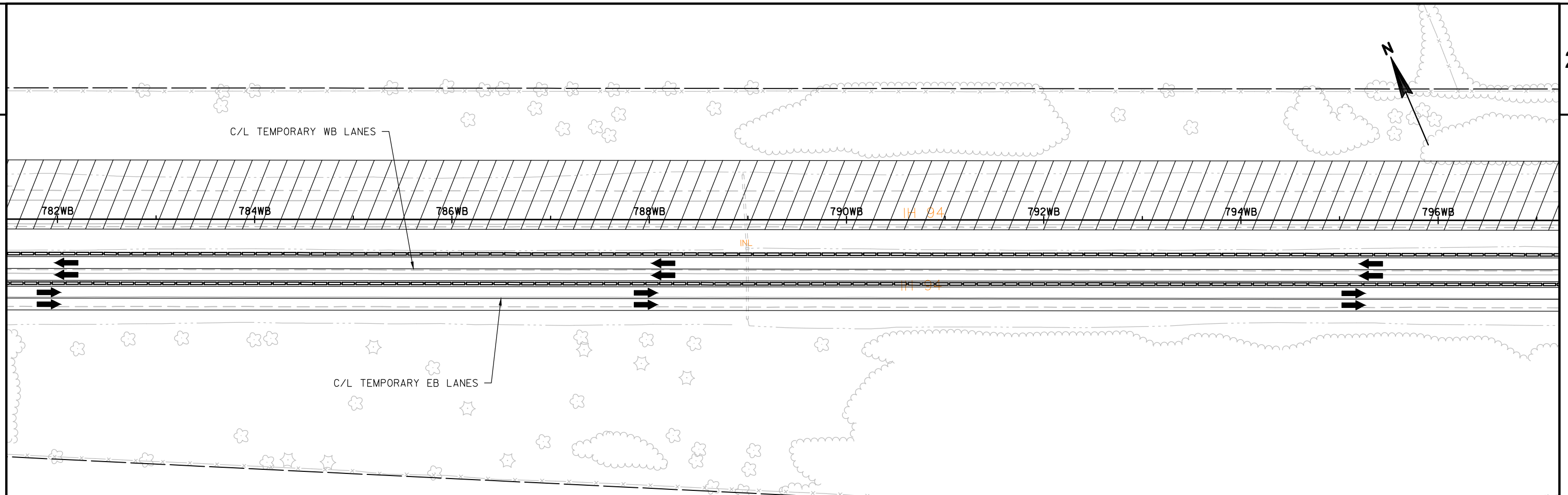
SHEET

E

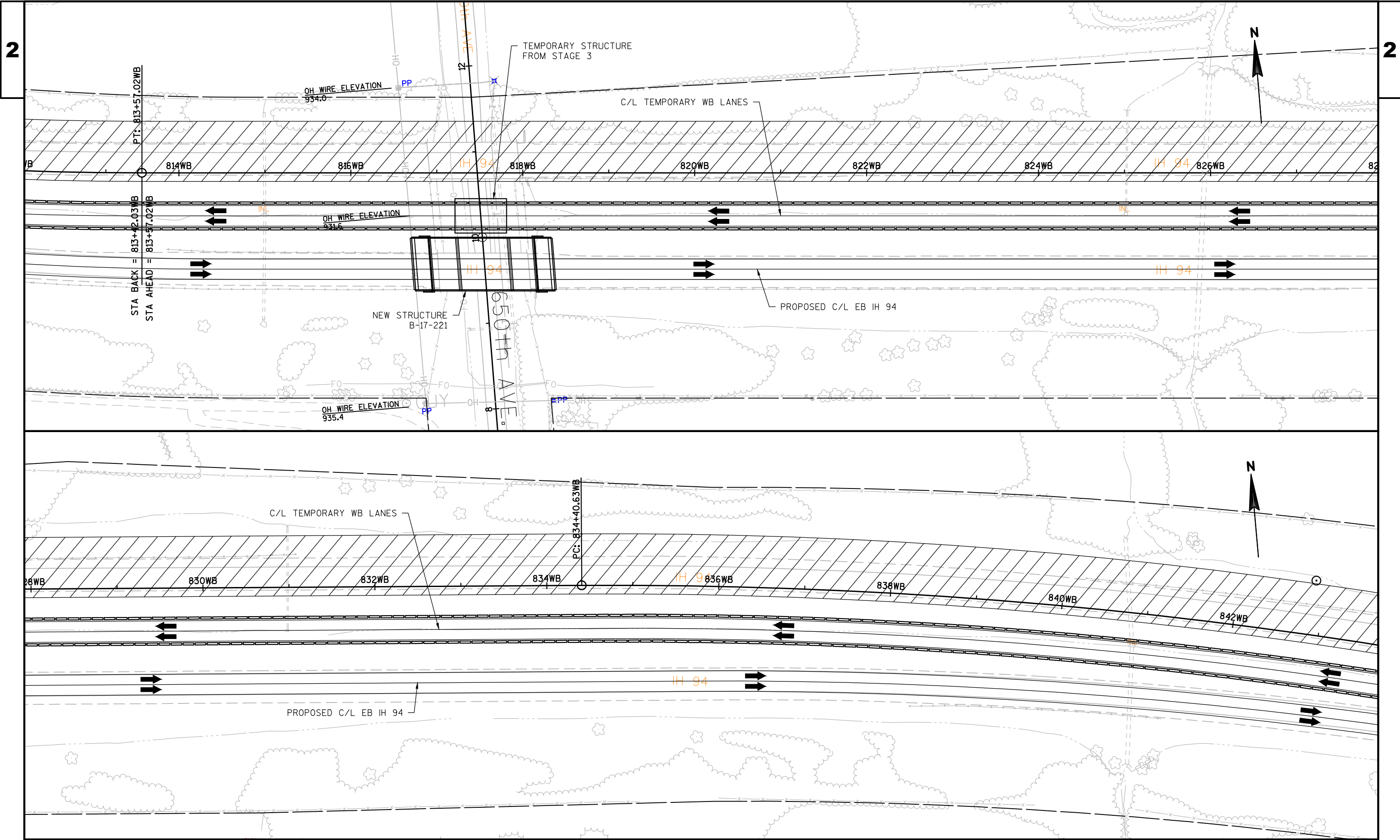


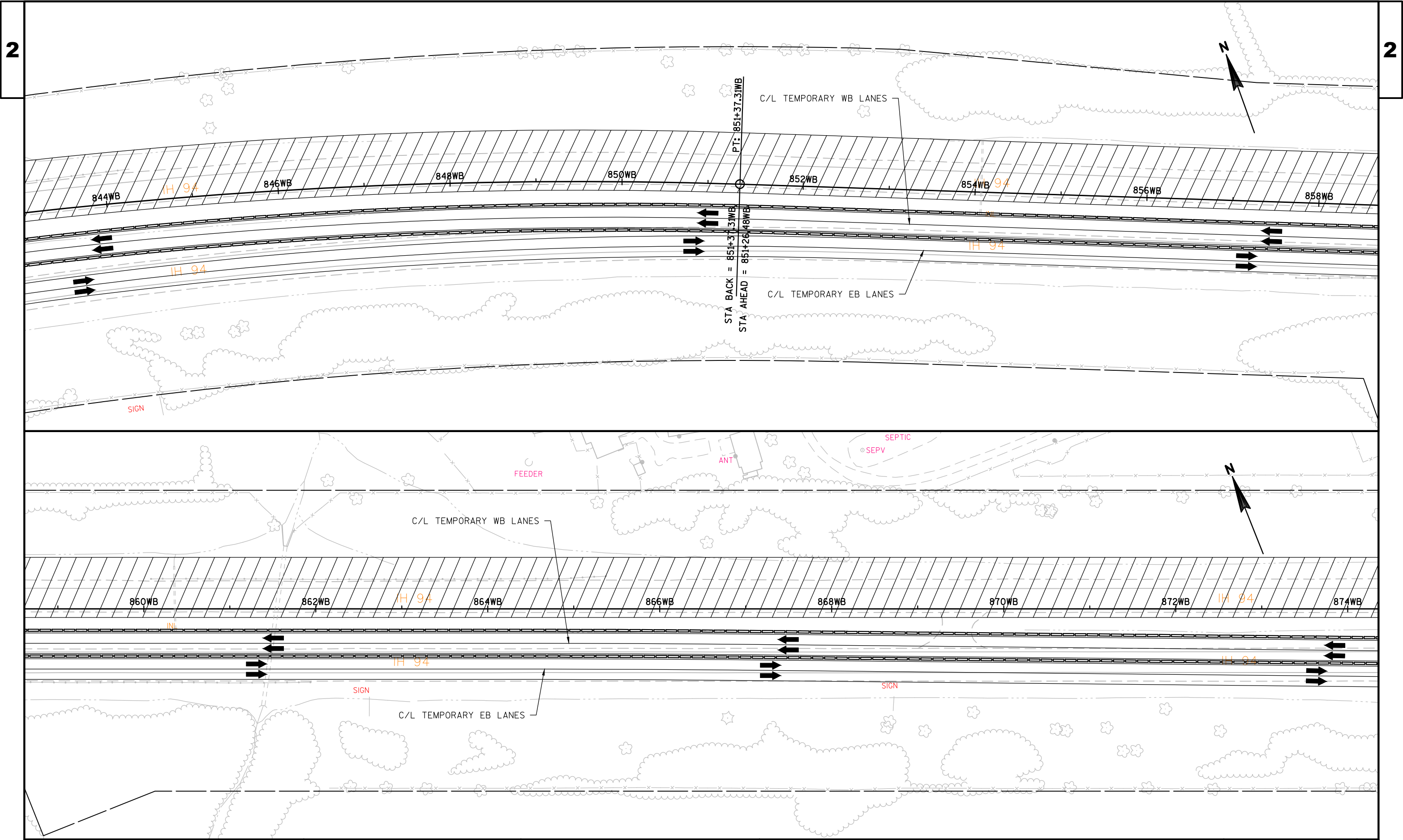


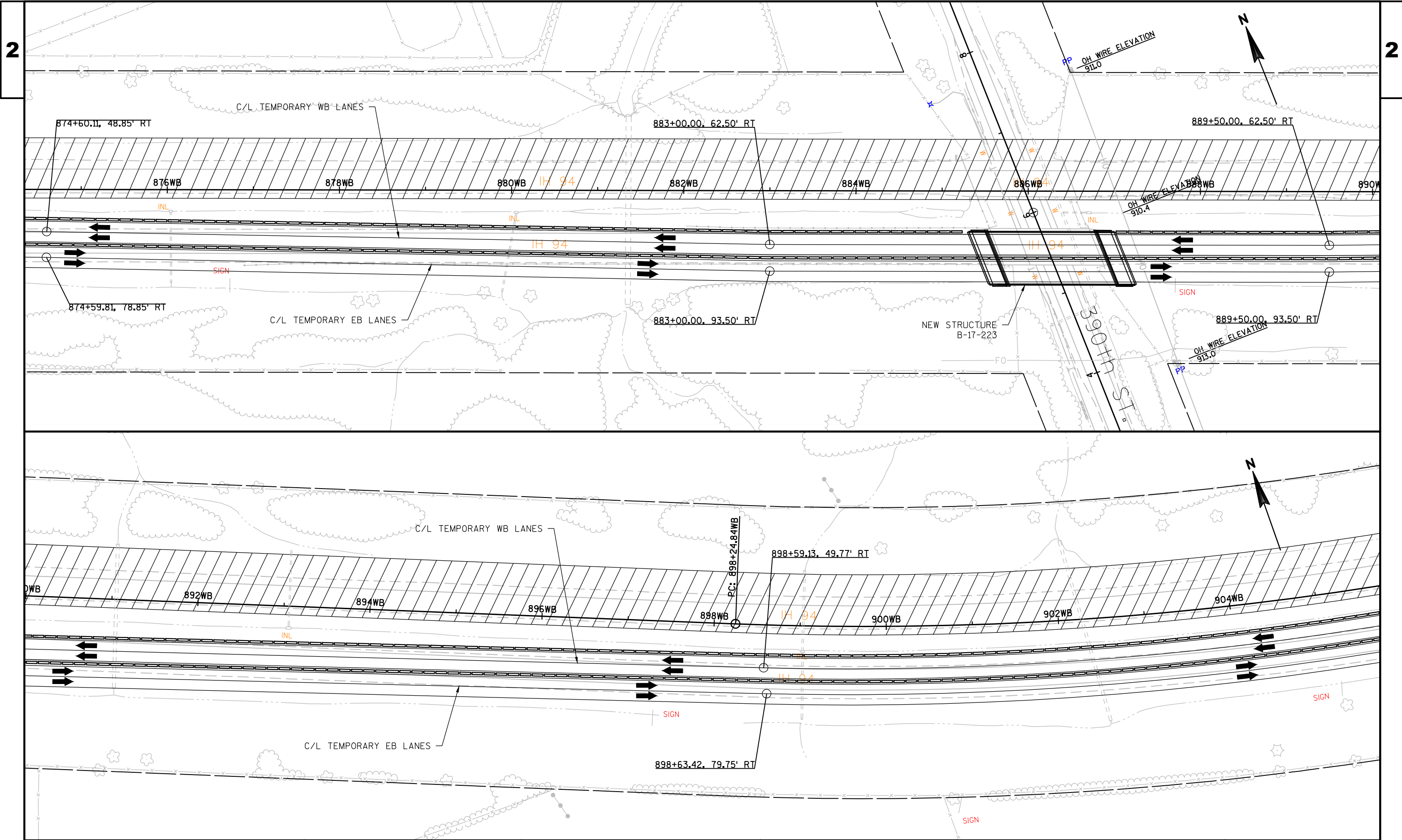
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	TRAFFIC CONTROL - STAGE 5	SHEET	E
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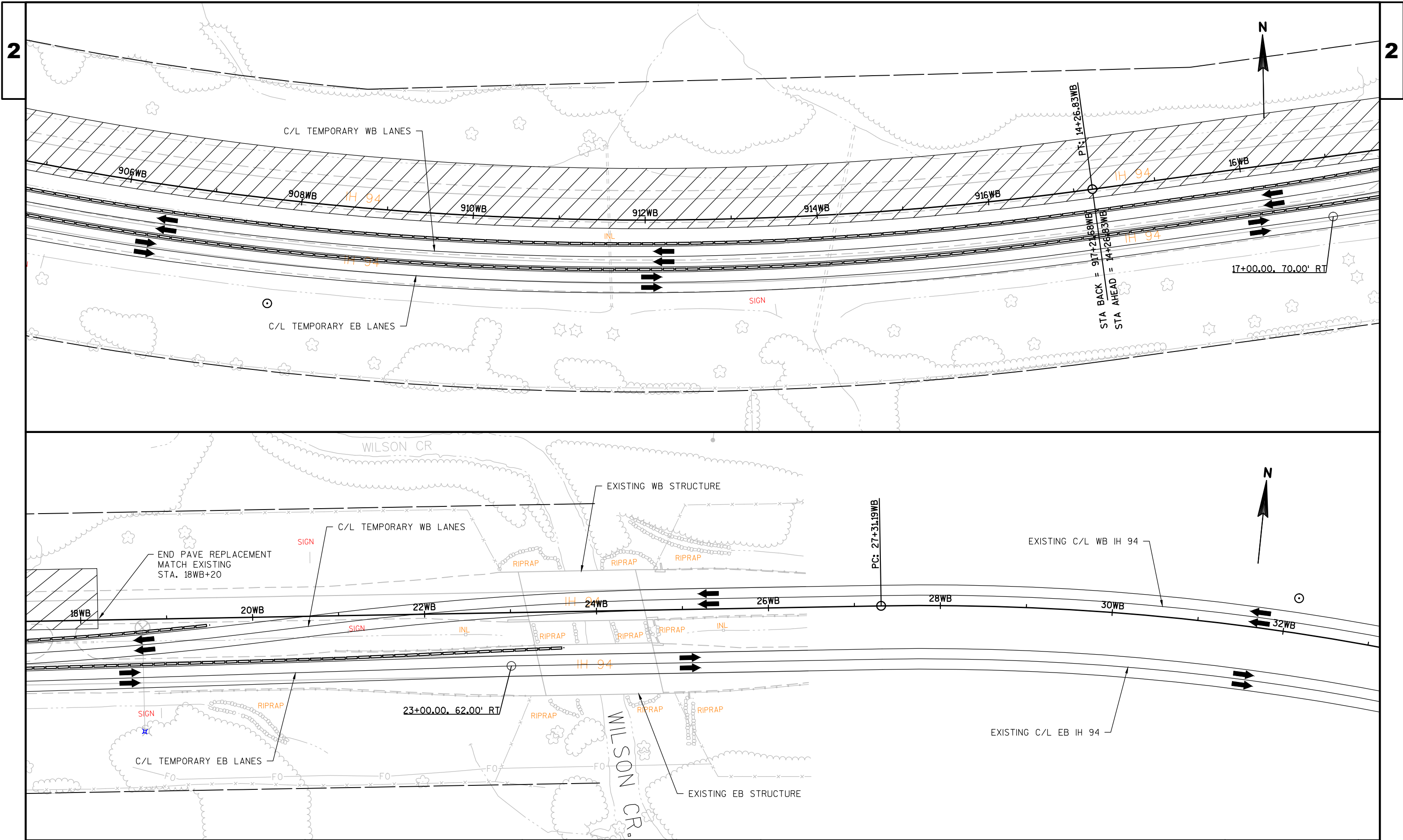


PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	TRAFFIC CONTROL - STAGE 5	SHEET	E
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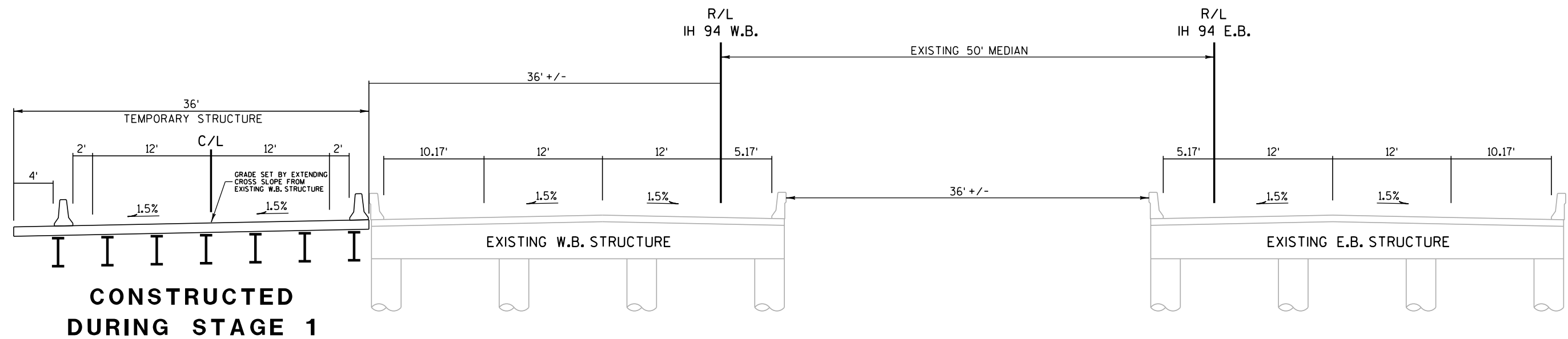


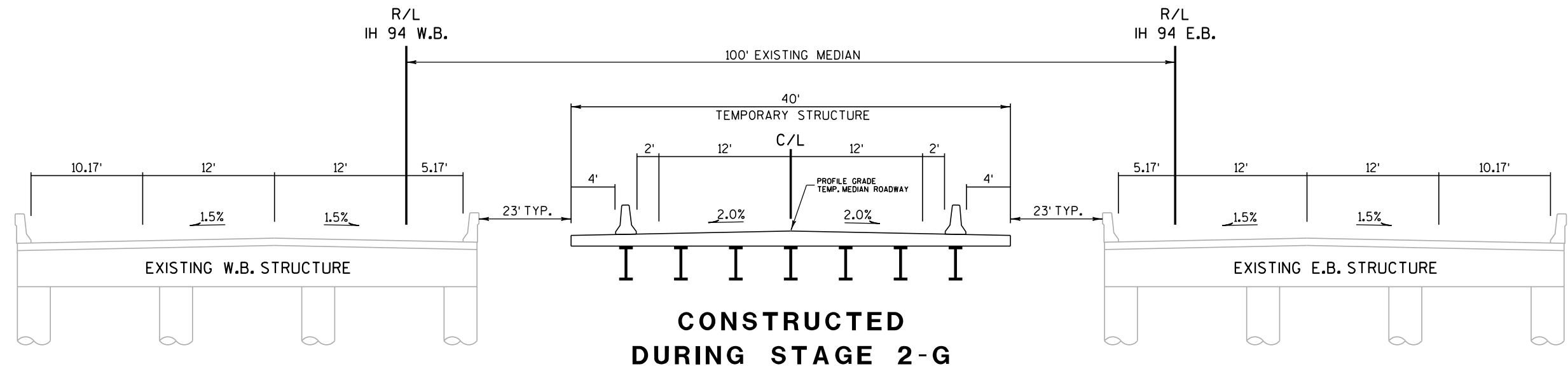


PROPOSED
CONSTRUCTION STAGING PLAN
250TH STREET - WILSON CREEK

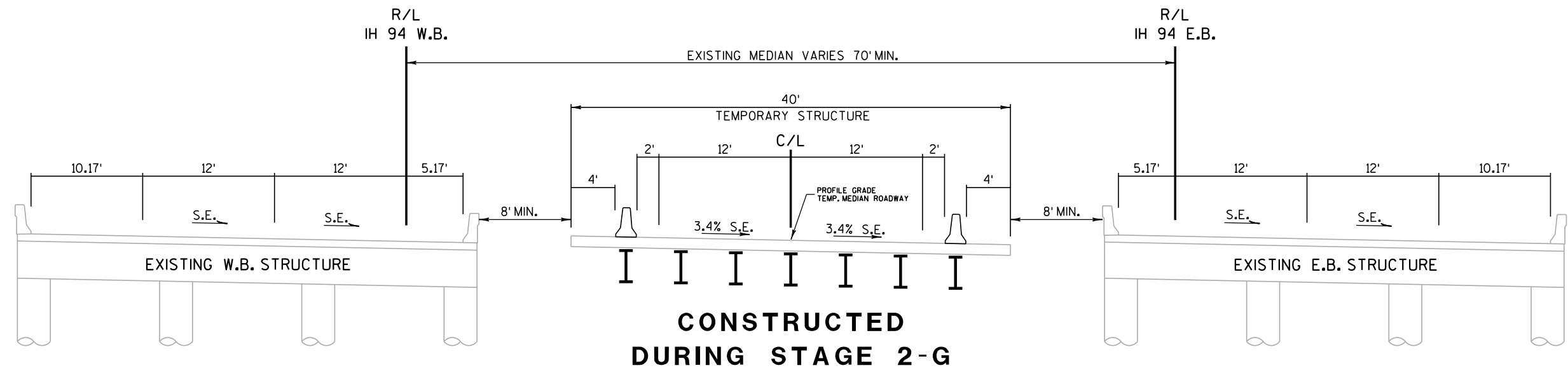
STAGE	DESCRIPTION	DURATION	SCHEDULE
1	CONSTRUCT MEDIAN CROSSEOVERS. CONSTRUCT W.B. TEMPORARY OUTSIDE WIDENING AT 390th ST. CONSTRUCT TEMPORARY STRUCTURE OVER 390th ST.	6 WEEKS	APR 2 - MAY 11, 2018
2-A	FILL RUMBLE STRIP W.B. OUTSIDE SHOULDER.	7 WEEKS	MAY 14 - JUN 29, 2018
2-B	REMOVE W.B. WHITE EDGE LINE. PLACE W.B. TEMPORARY LANE LINE & WHITE EDGE LINE.		
2-C	SHIFT SINGLE LANE W.B. TRAFFIC. REMOVE W.B. LANE LINE & YELLOW EDGE LINE. PLACE W.B. TEMPORARY YELLOW EDGE LINE.		
2-D	SHIFT TWO LANES W.B. TRAFFIC WITH BARRELS.		
2-E	REPLACE W.B. BARRELS WITH CONCRETE BARRIER TEMPORARY PRECAST.		
2-F	PLACE E.B. CONCRETE BARRIER TEMPORARY PRECAST.		
2-G	CONSTRUCT W.B. TEMPORARY MEDIAN WIDENING. CONSTRUCT TEMPORARY MEDIAN ROADWAY & TEMPORARY STRUCTURES OVER 250th ST, CTH K, AND 650th AVE.		
2-H	MOVE E.B. BARRIER TO W.B. TEMPORARY MEDIAN WIDENING.		
3	SWITCH TWO LANES E.B. TRAFFIC TO TEMPORARY WIDENING. CONSTRUCT NEW E.B. LANES & E.B. BRIDGES.	17 WEEKS	JUL 9 - NOV 2, 2018

STAGE	DESCRIPTION	DURATION	SCHEDULE
4-A	SWITCH TWO LANES E.B. TRAFFIC TO TEMPORARY LANES WITH BARRELS.	6 WEEKS	APR 1 - MAY 10, 2019
4-B	MOVE BARRIER TO REPLACE E.B. BARRELS.		
4-C	REMOVE W.B. TEMPORARY MEDIAN WIDENING. CONSTRUCT E.B. TEMPORARY MEDIAN WIDENING.		
4-D	MOVE W.B. BARRIER TO E.B. TEMPORARY MEDIAN WIDENING.		
5	SWITCH TWO LANES W.B. TRAFFIC TO TEMPORARY WIDENING. CONSTRUCT NEW W.B. LANES & W.B. BRIDGES.	17 WEEKS	MAY 13 - SEP 6, 2019
6-A	SWITCH TWO LANES W.B. TRAFFIC TO NEW W.B. CONSTRUCTION.	8 WEEKS	SEP 9 - NOV 1, 2019
6-B	MOVE BARRIER TO FINISHED W.B. INSIDE SHOULDER.		
6-C	REMOVE E.B. TEMP WIDENING/MEDIAN ROADWAY/TEMP STRUCTURES. CONSTRUCT E.B. INSIDE SHOULDER/RESTORE MEDIAN.		
6-D	REMOVE ALL BARRIER & E.B. TEMPORARY YELLOW EDGE LINE. PLACE E.B. LANE LINE & YELLOW EDGE LINE.		
6-E	SHIFT E.B. SINGLE LANE TRAFFIC. REMOVE E.B. TEMPORARY LANE LINE & TEMPORARY WHITE EDGE LINE. PLACE E.B. WHITE EDGE LINE.		

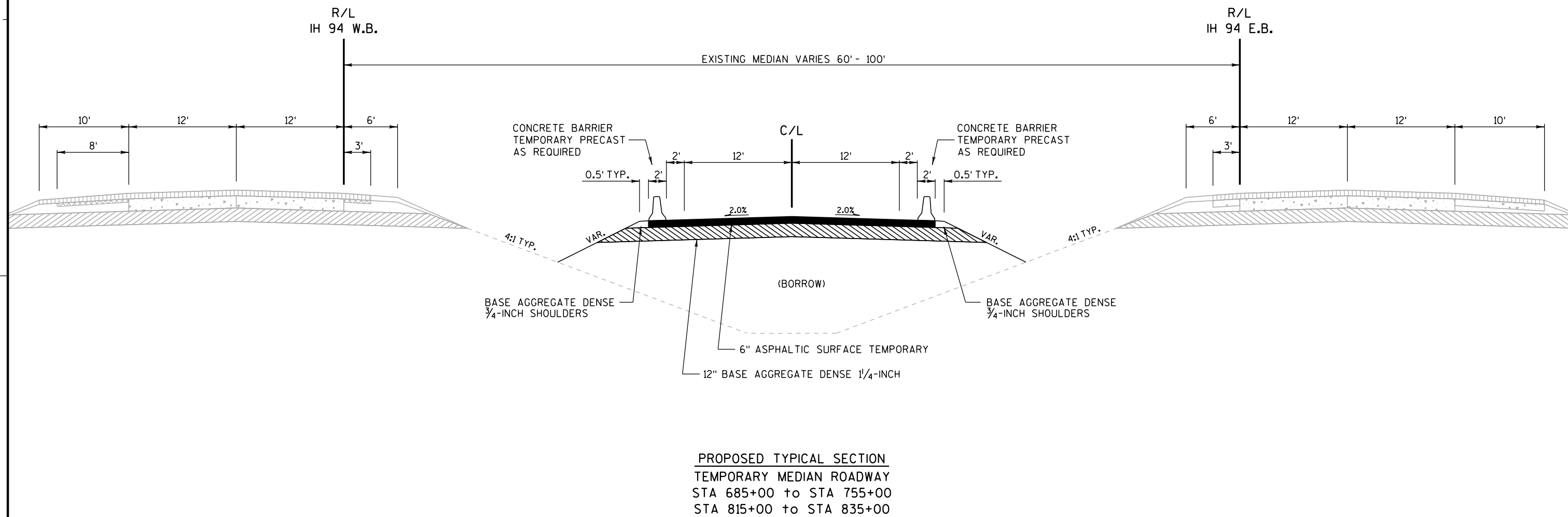


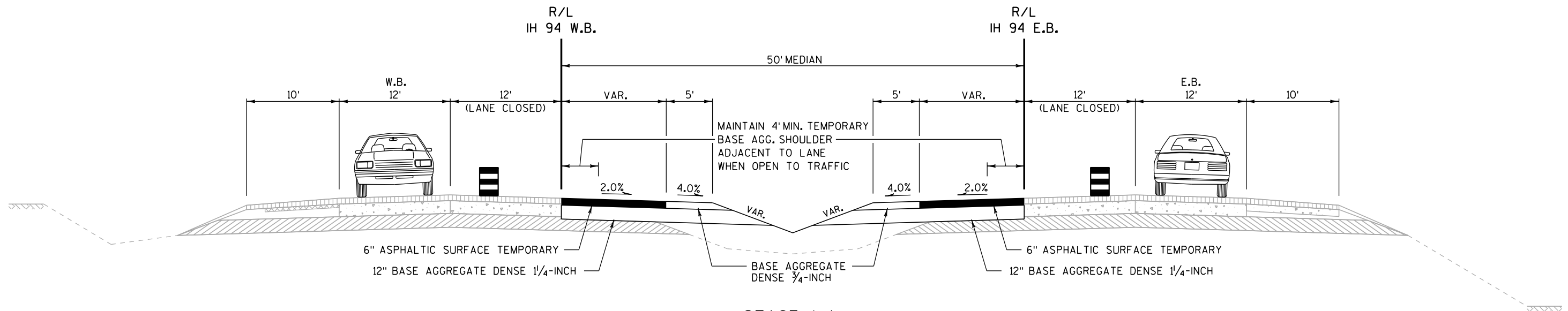


PROPOSED TYPICAL SECTION
TEMPORARY BRIDGE OVERPASS
250th STREET
650th AVENUE



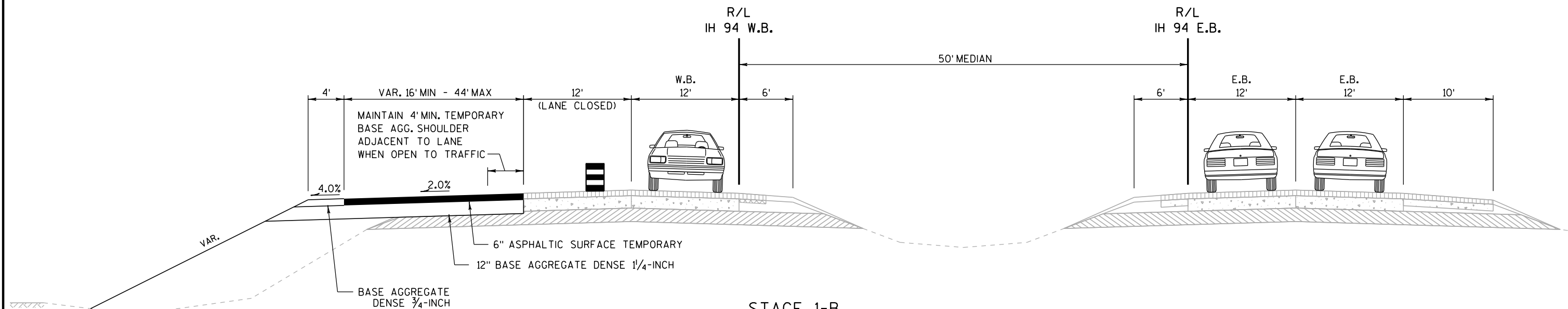
PROPOSED TYPICAL SECTION
TEMPORARY BRIDGE OVERPASS
CTH K





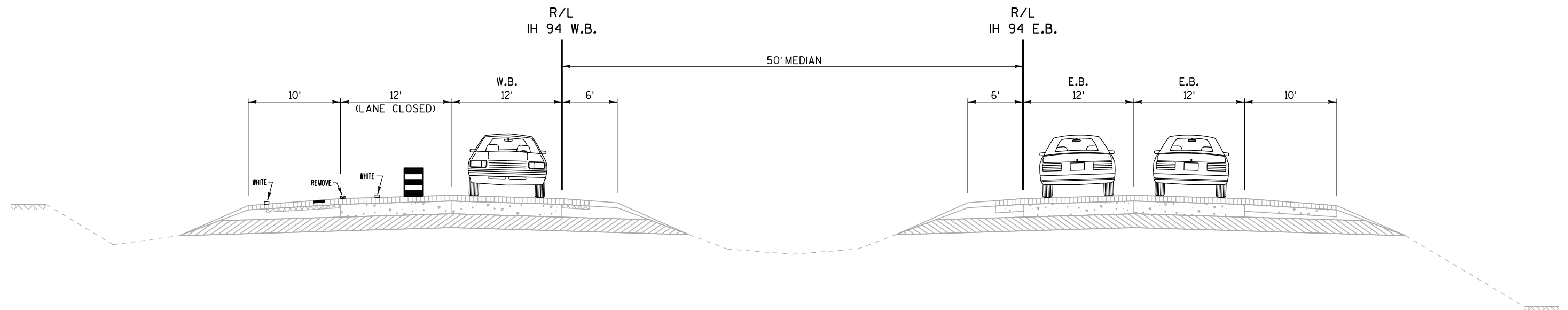
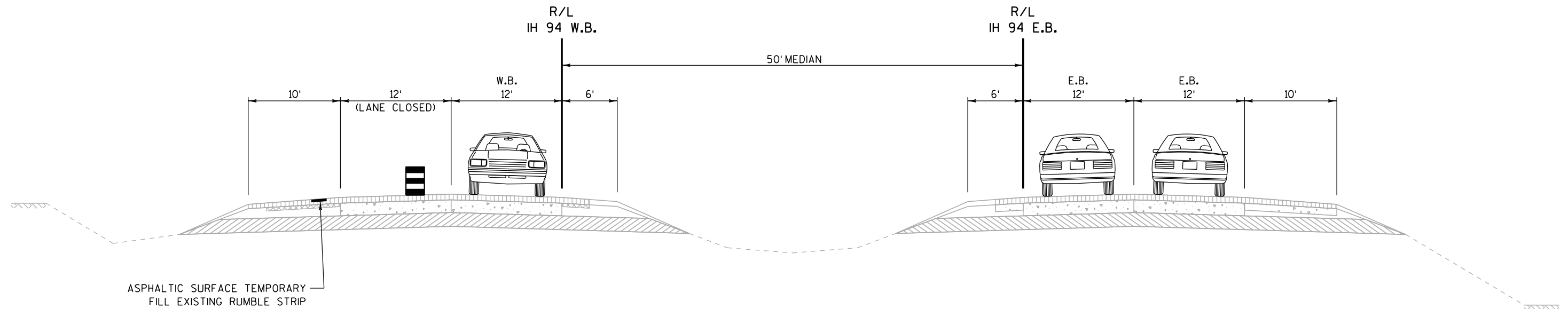
STAGE 1-A

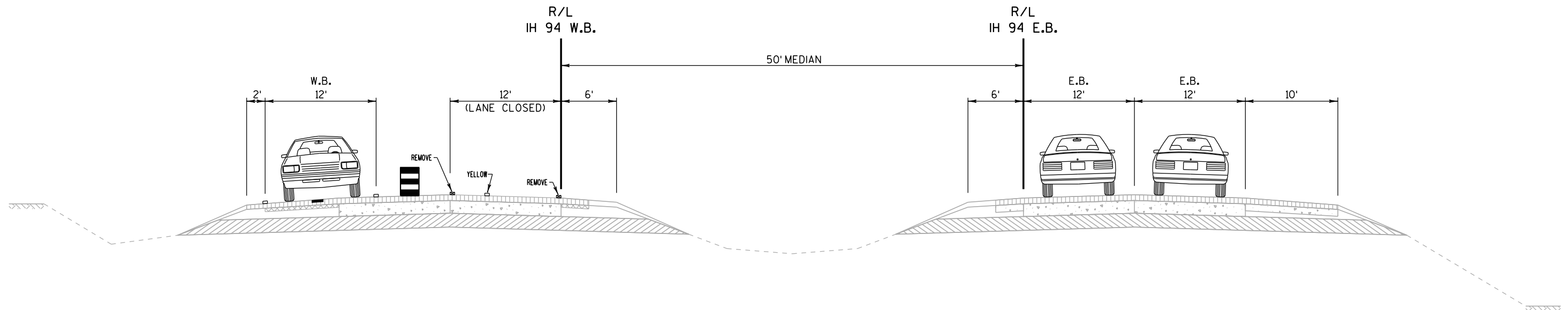
CONSTRUCT MEDIAN CROSSOVERS
STA 673+00 to STA 691+00
STA 15+00 to STA 23+00



STAGE 1-B

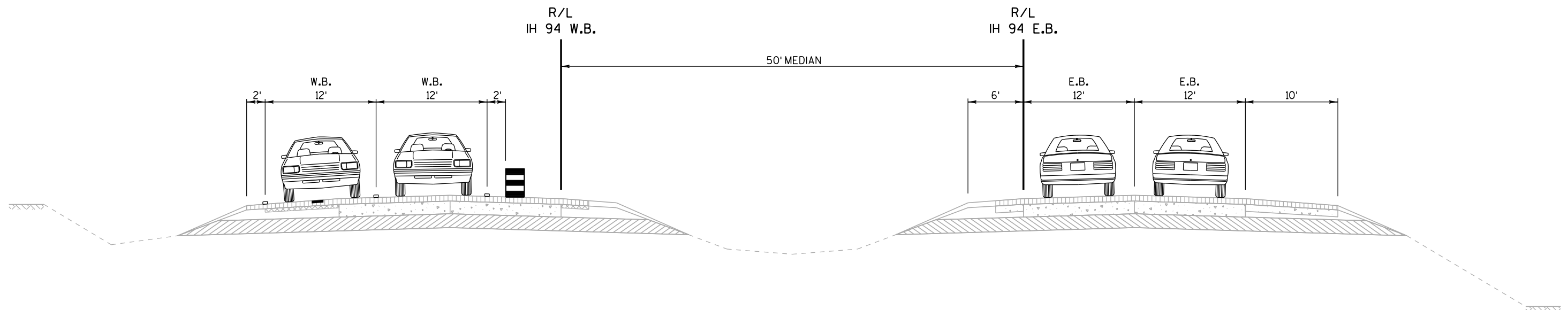
CONSTRUCT WB TEMPORARY OUTSIDE WIDENING
STA 872+50 to STA 897+00





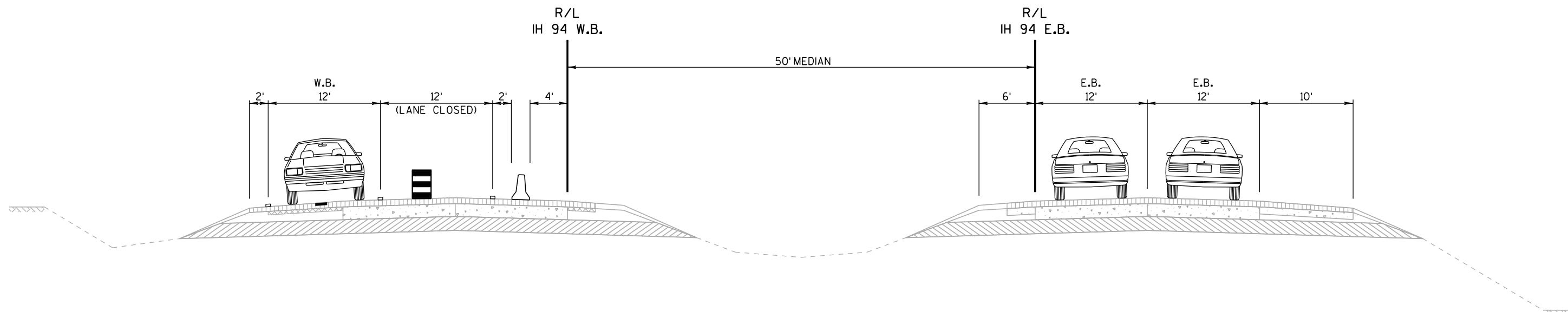
STAGE 2-C

SHIFT TRAFFIC WITH DRUMS WB DRIVING LANE
 REMOVE WB LANE LINE & YELLOW EDGE LINE
 PLACE WB TEMPORARY YELLOW EDGE LINE
 STA 755+00 to STA 815+00
 STA 835+00 to STA 18+20



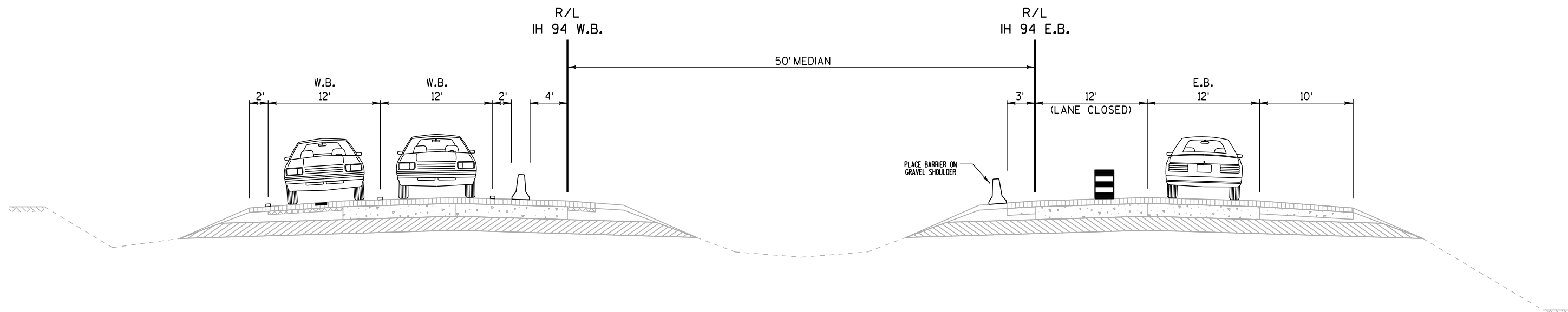
STAGE 2-D

SHIFT TRAFFIC WITH DRUMS WB PASSING LANE
 STA 755+00 to STA 815+00
 STA 835+00 to STA 18+20



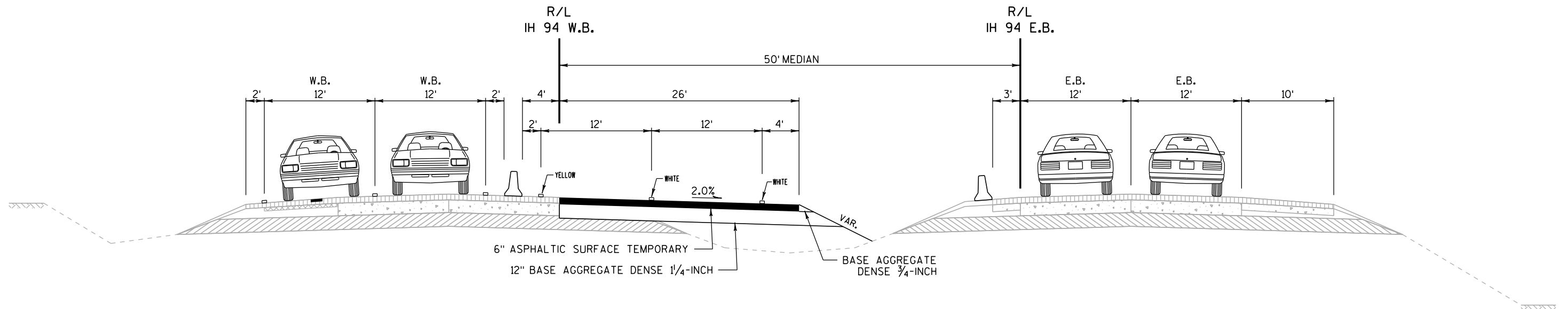
STAGE 2-E

REPLACE WB DRUMS WITH
CONCRETE BARRIER TEMPORARY PRECAST
STA 755+00 to STA 815+00
STA 835+00 to STA 18+20



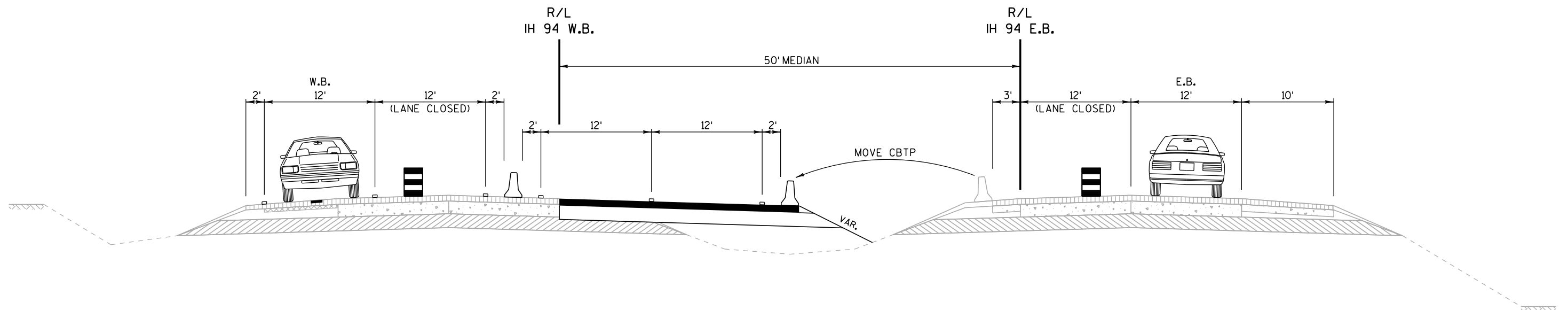
STAGE 2-F

PLACE EB CONCRETE BARRIER TEMPORARY PRECAST
STA 755+00 to STA 815+00
STA 835+00 to STA 18+20



STAGE 2-G

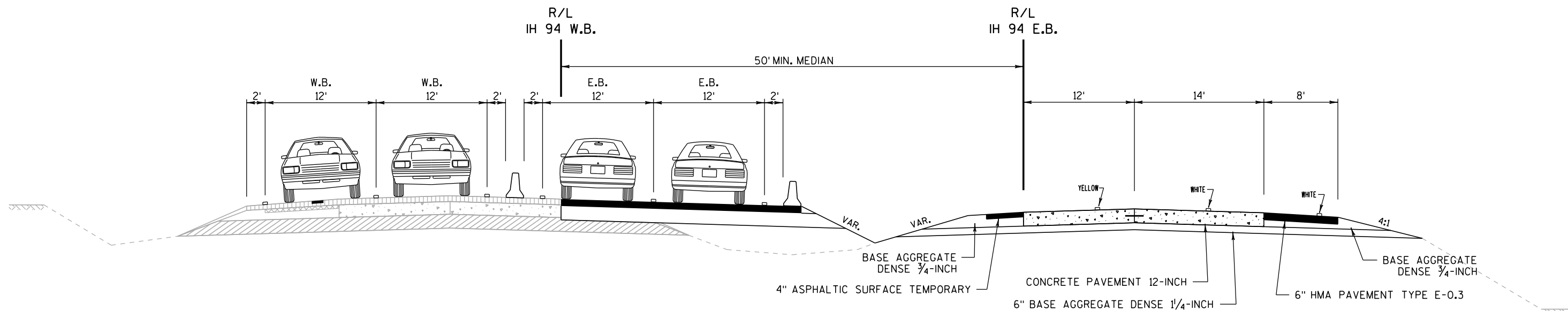
CONSTRUCT WB TEMPORARY MEDIAN WIDENING
CONSTRUCT TEMPORARY MEDIAN ROADWAY & TEMPORARY STRUCTURES
STA 685+00 to STA 18+20



STAGE 2-H

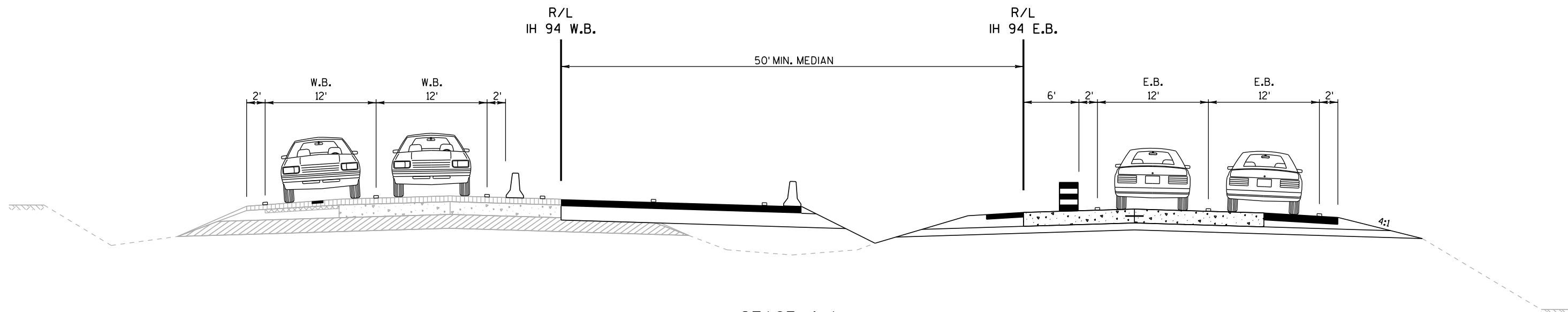
MOVE EB BARRIER TO TEMPORARY MEDIAN WIDENING/ROADWAY
STA 685+00 to STA 18+20

MOVE WB BARRIER TO TEMPORARY MEDIAN ROADWAY
STA 685+00 to STA 755+00
STA 815+00 to STA 835+00



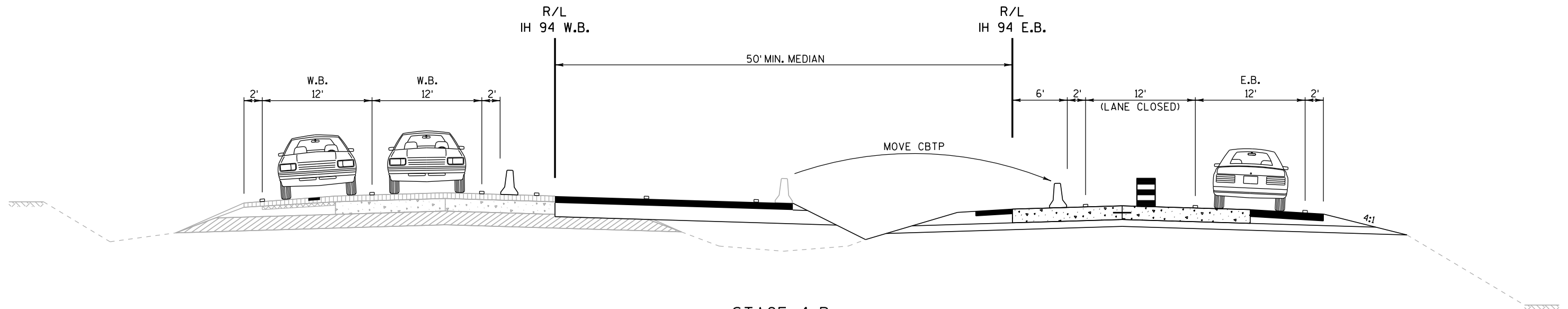
STAGE 3

SHIFT TRAFFIC EB TWO LANES TO TEMPORARY WIDENING
CONSTRUCT NEW EB LANES & EB BRIDGES
STA 685+00 to STA 18+20



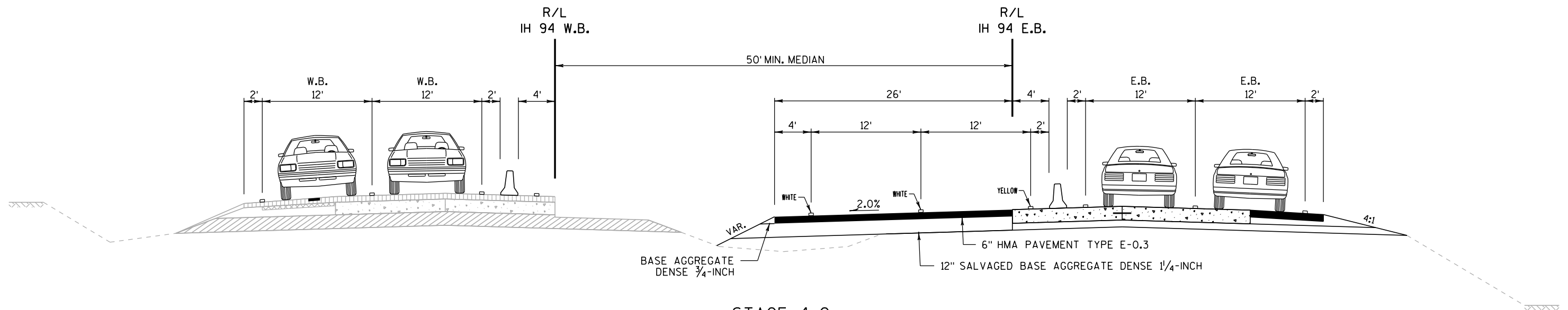
STAGE 4-A

SHIFT TRAFFIC WITH DRUMS EB TWO LANES TO TEMPORARY LANES
STA 755+00 to STA 815+00
STA 835+00 to STA 18+20



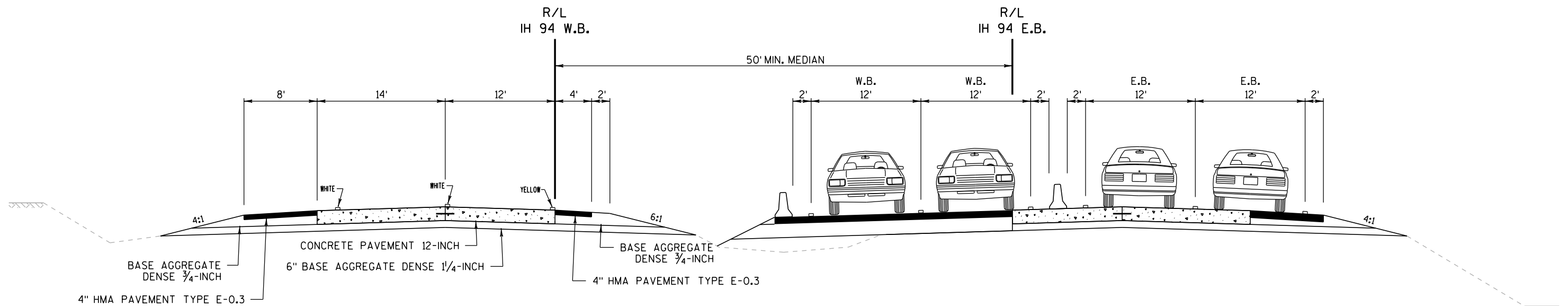
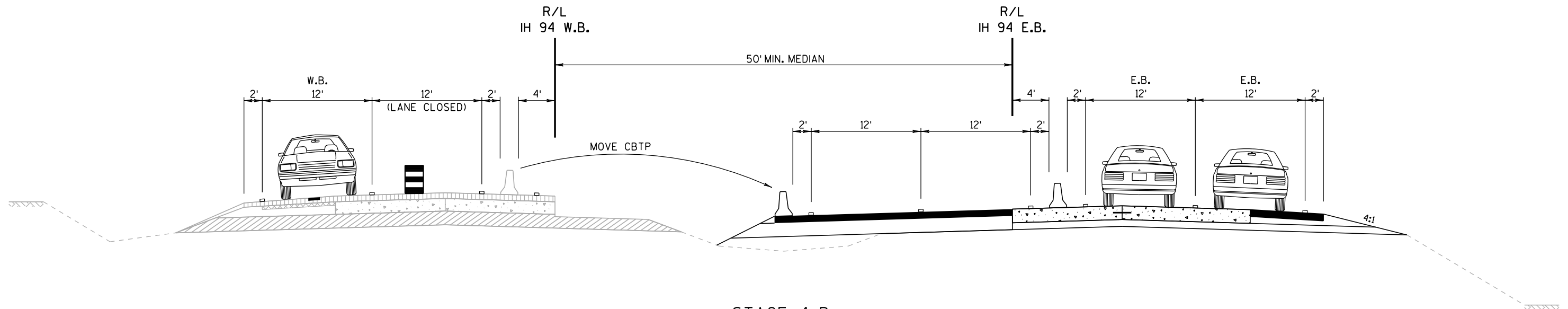
STAGE 4-B

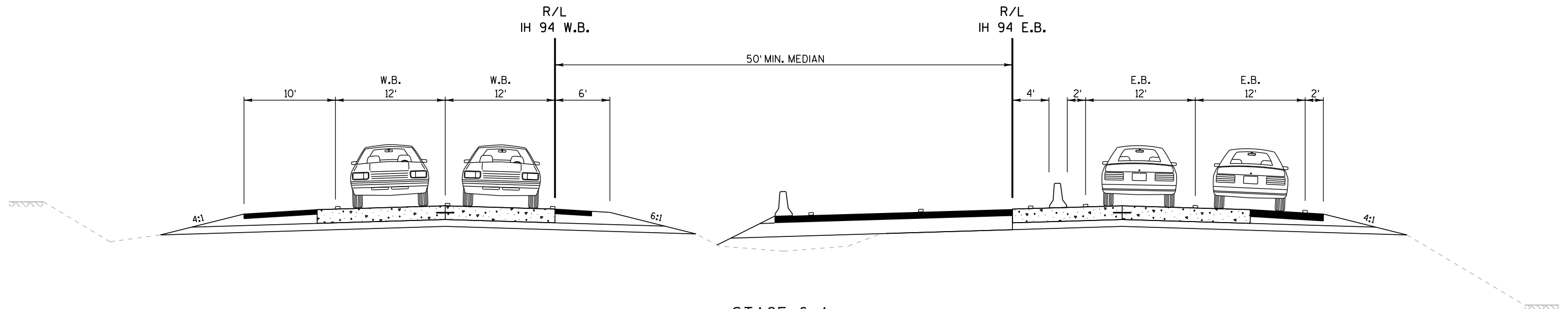
MOVE BARRIER TO REPLACE EB DRUMS
 STA 755+00 to STA 815+00
 STA 835+00 to STA 18+20



STAGE 4-C

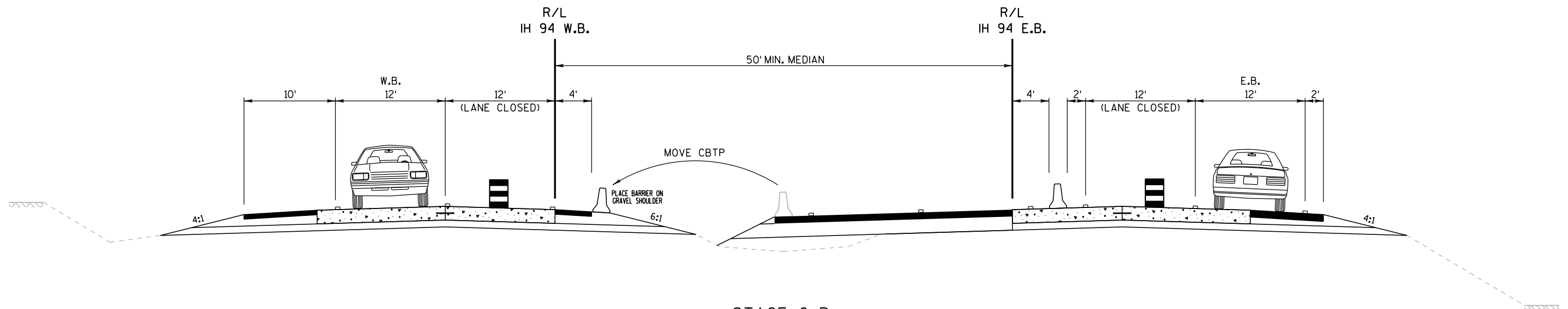
REMOVE WB TEMPORARY MEDIAN WIDENING
 CONSTRUCT EB TEMPORARY MEDIAN WIDENING
 STA 755+00 to STA 815+00
 STA 835+00 to STA 18+20





STAGE 6-A

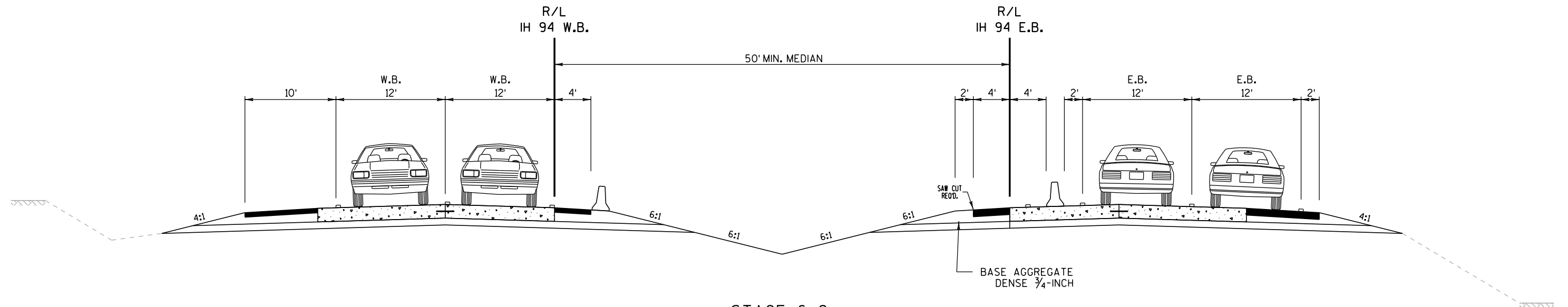
SHIFT TRAFFIC WB TWO LANES TO NEW CONCRETE
STA 685+00 to STA 18+20



STAGE 6-B

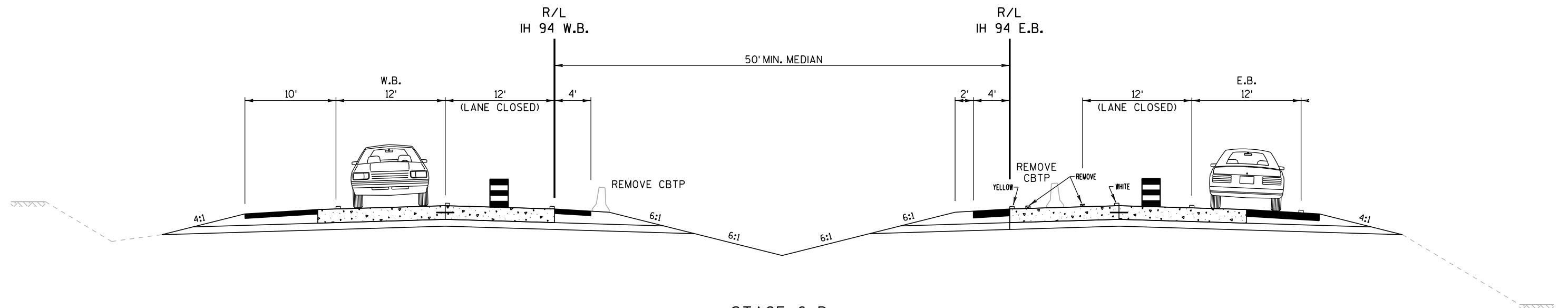
MOVE BARRIER TO FINISHED WB INSIDE SHOULDER
STA 685+00 to STA 18+20

MOVE MEDIAN BARRIER TO EB INSIDE SHOULDER
STA 685+00 to STA 755+00
STA 815+00 to STA 835+00



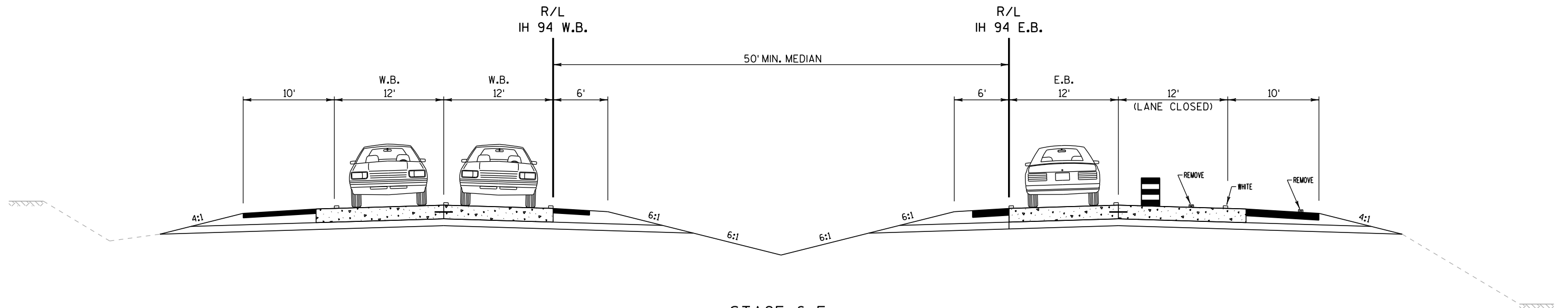
STAGE 6-C

REMOVE EB TEMPORARY WIDENING/MEDIAN ROADWAY/TEMPORARY STRUCTURES
FINISH EB INSIDE SHOULDER/RESTORE MEDIAN
STA 685+00 to STA 18+20



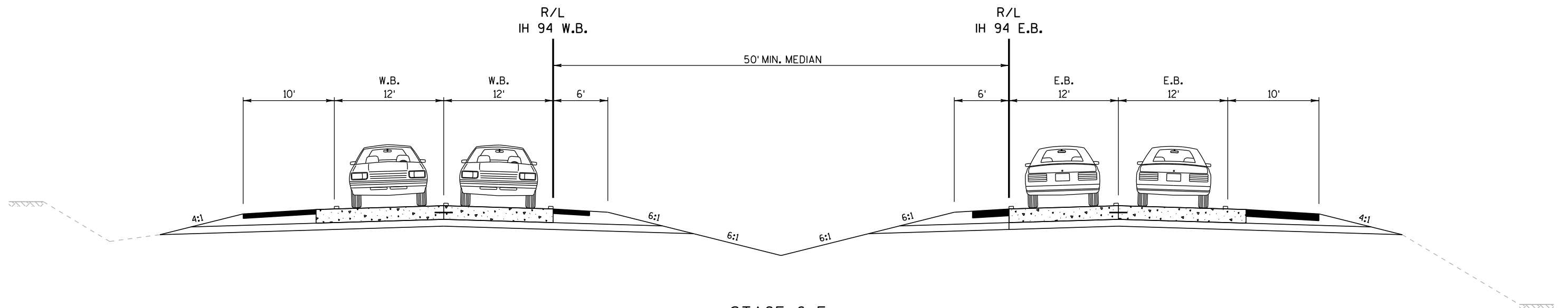
STAGE 6-D

REMOVE ALL BARRIER & WB/EB TEMPORARY YELLOW EDGE LINE
PLACE EB LANE LINE & YELLOW EDGE LINE
STA 685+00 to STA 18+20



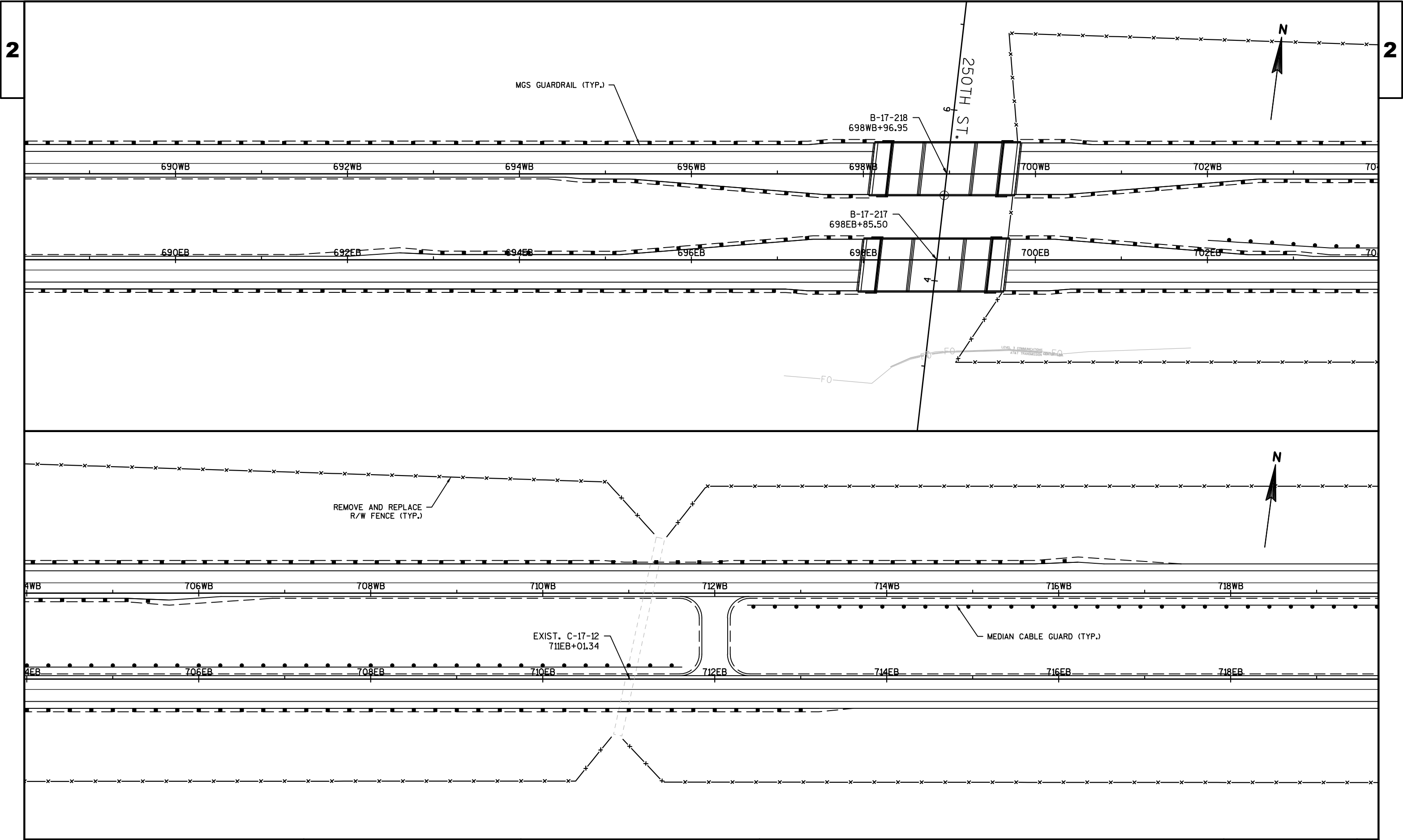
STAGE 6-E

SHIFT TRAFFIC WITH DRUMS EB PASSING LANE
 REMOVE EB TEMPORARY LANE LINE & TEMPORARY WHITE EDGE LINE
 PLACE EB WHITE EDGE LINE
 STA 685+00 to STA 18+20

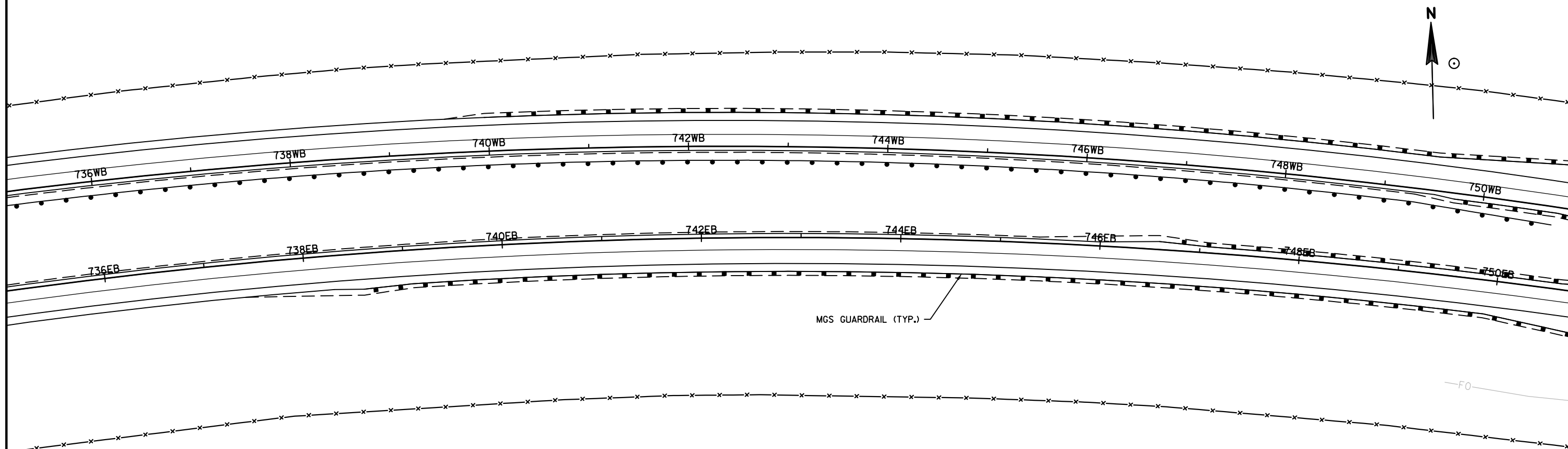
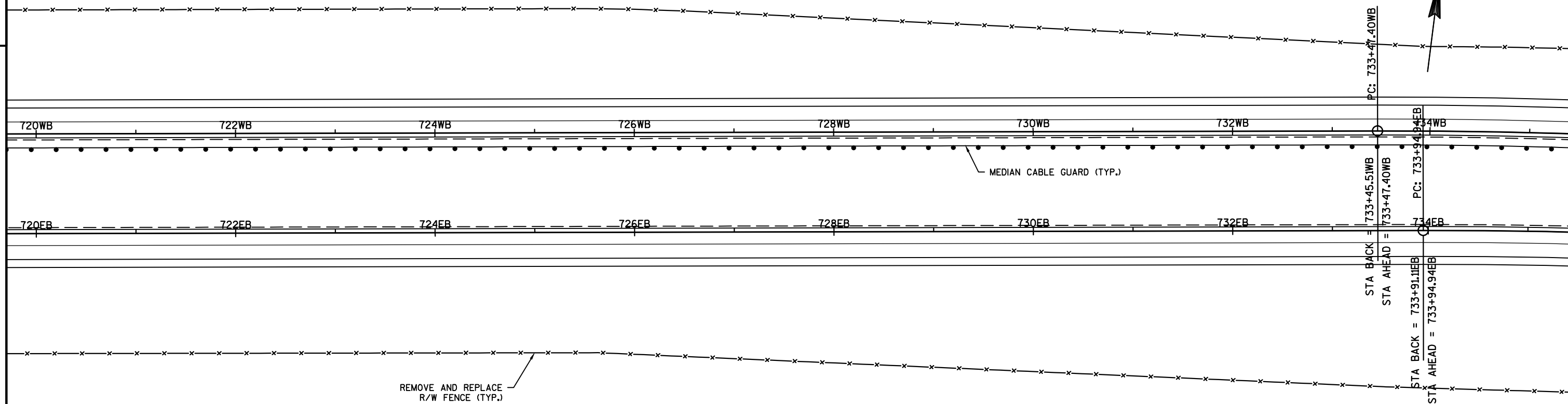


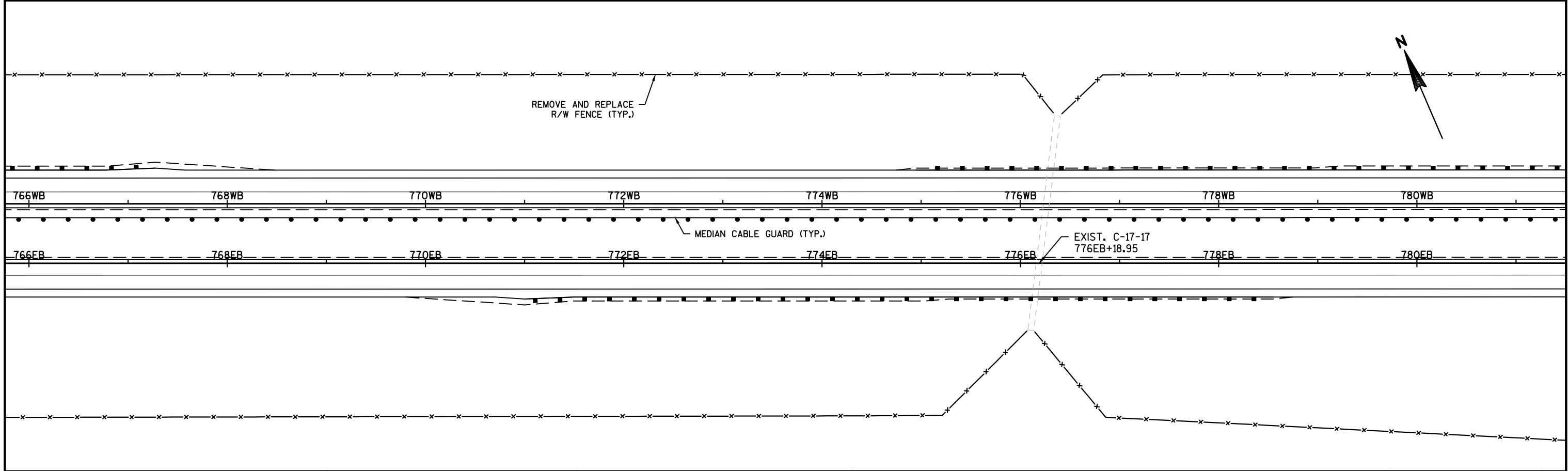
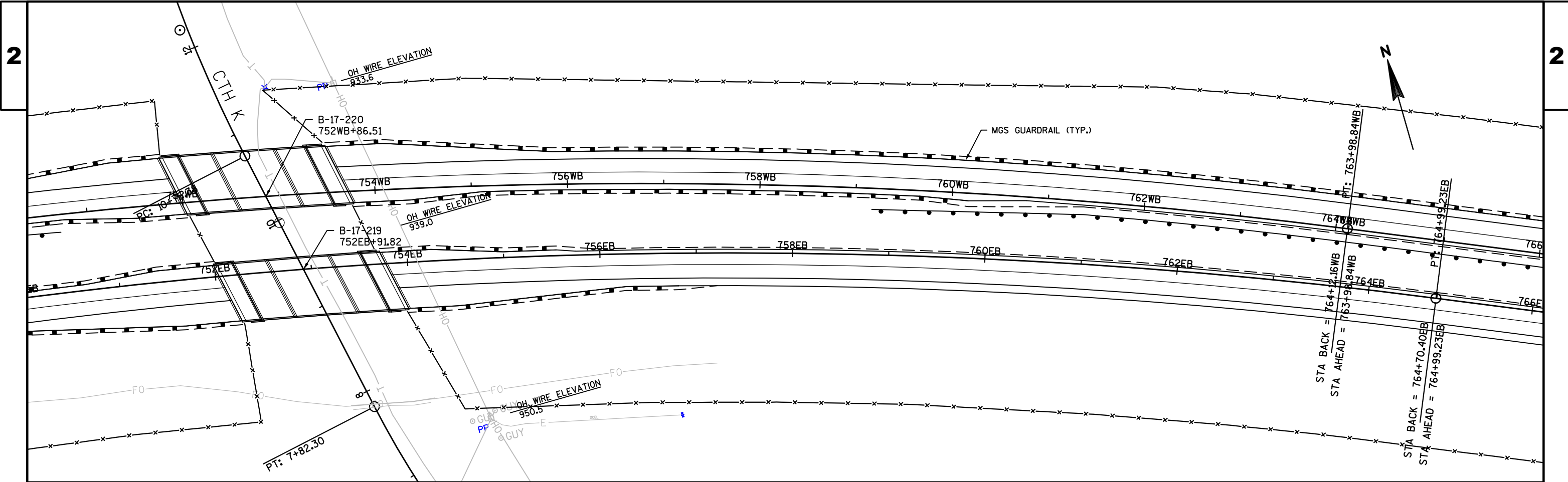
STAGE 6-F

SHIFT TRAFFIC EB DRIVING LANE
 FINISHED LANES WB & EB
 STA 685+00 to STA 18+20

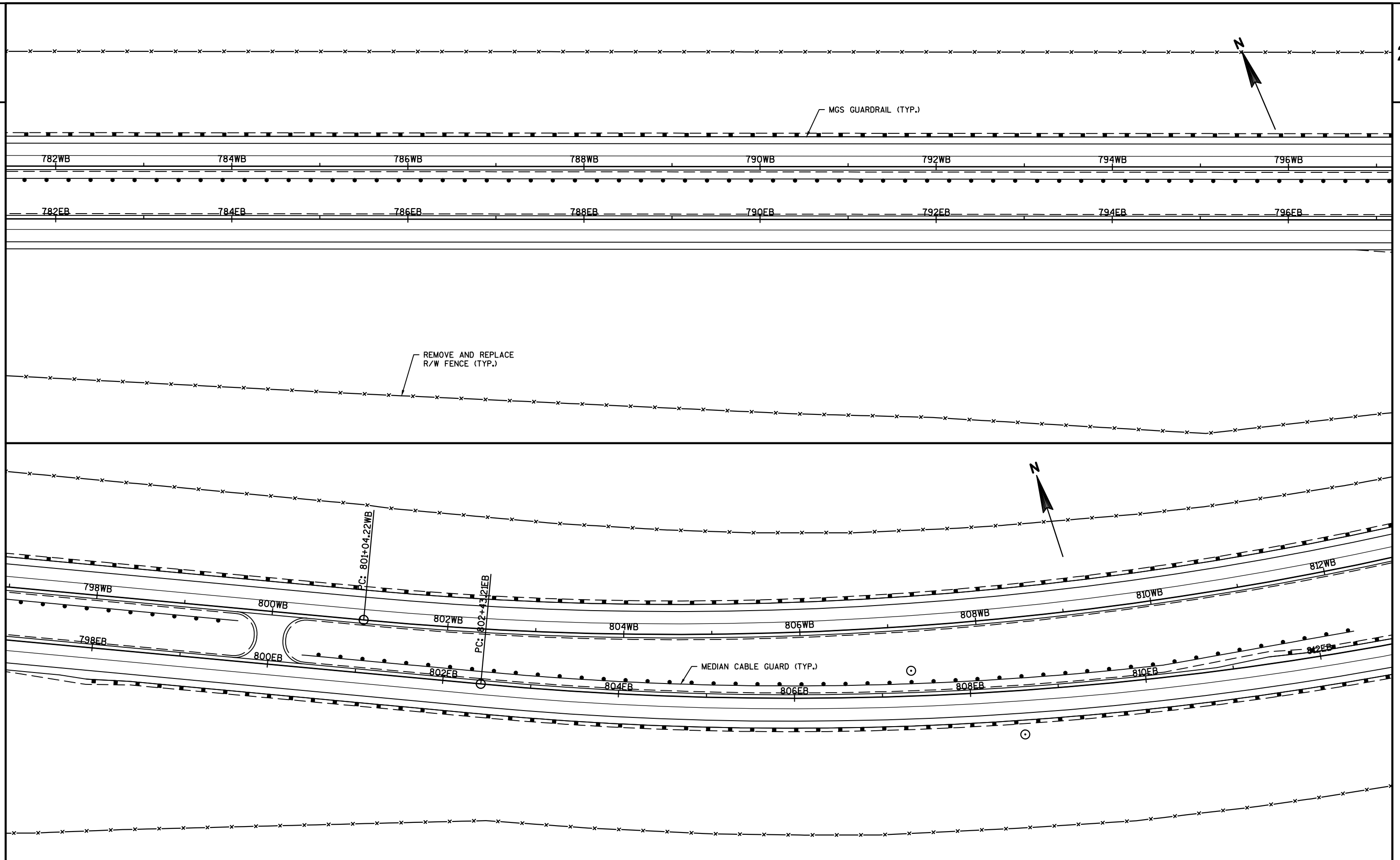


PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	FENCING AND MEDIAN CABLE GUARD	SHEET	E
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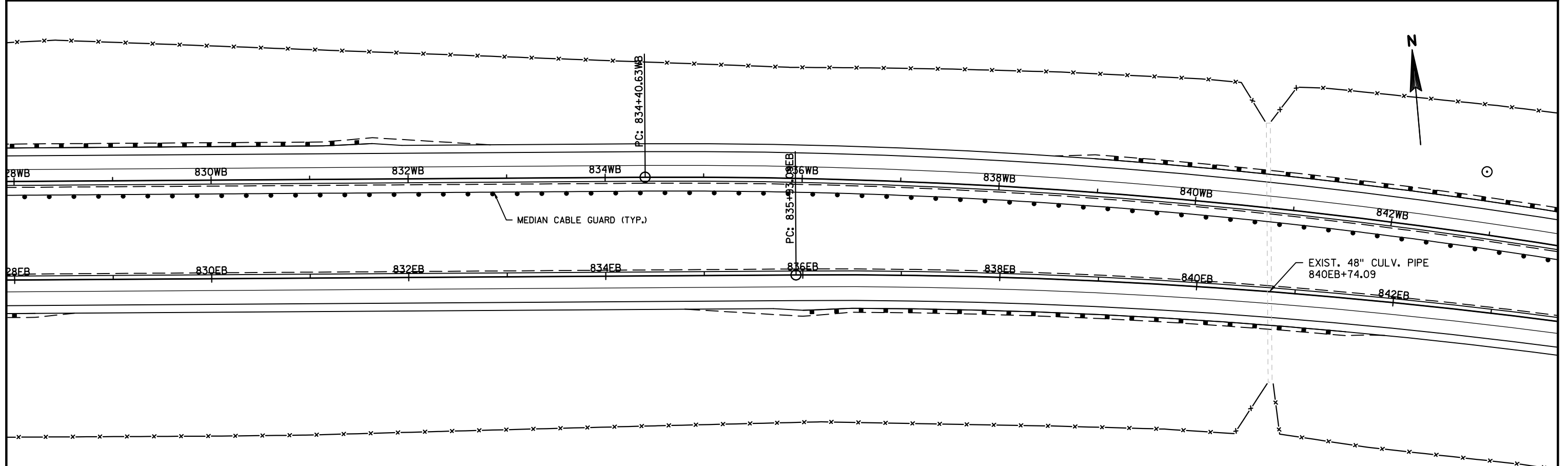


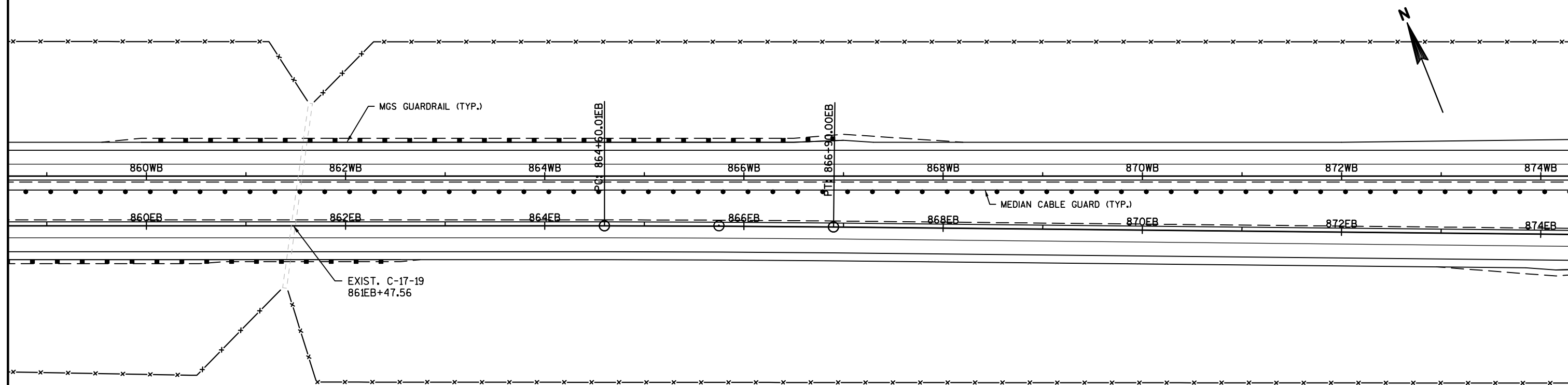
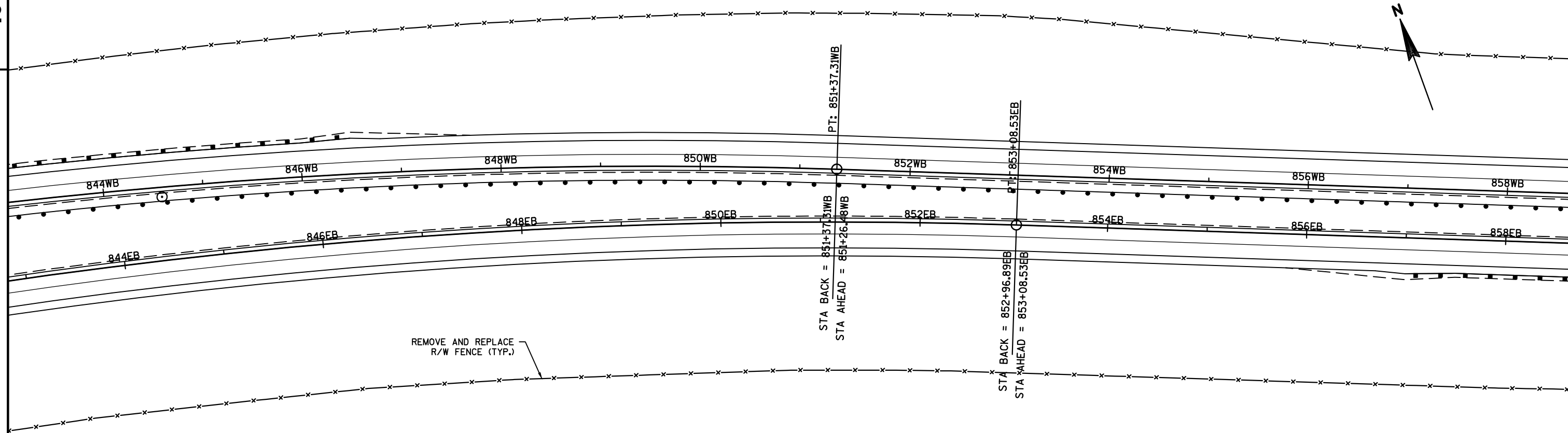


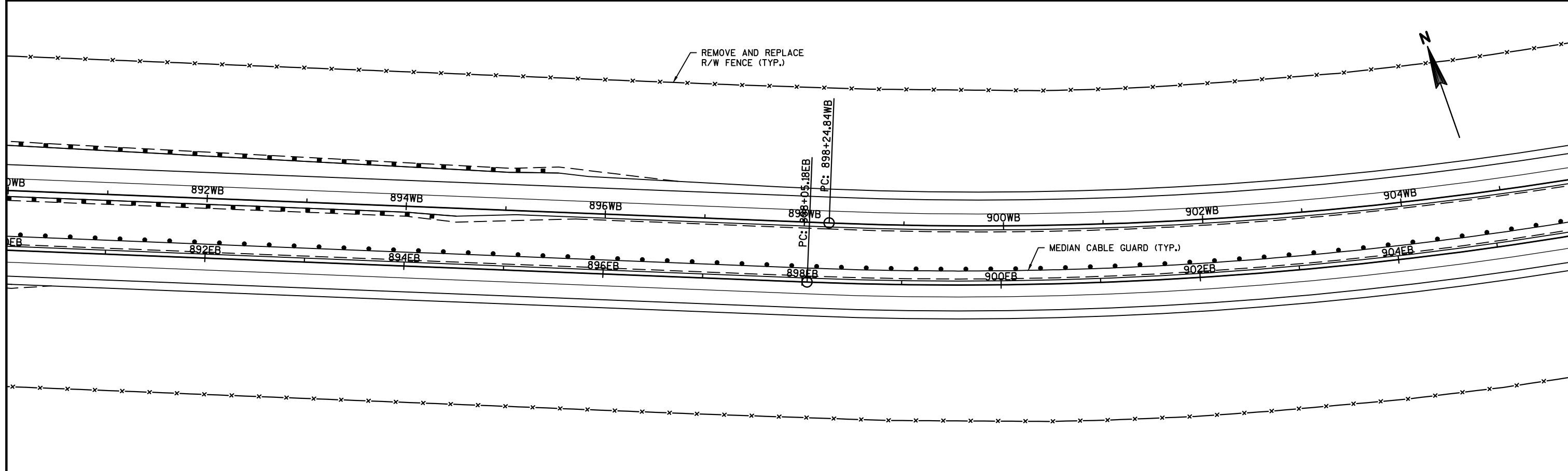
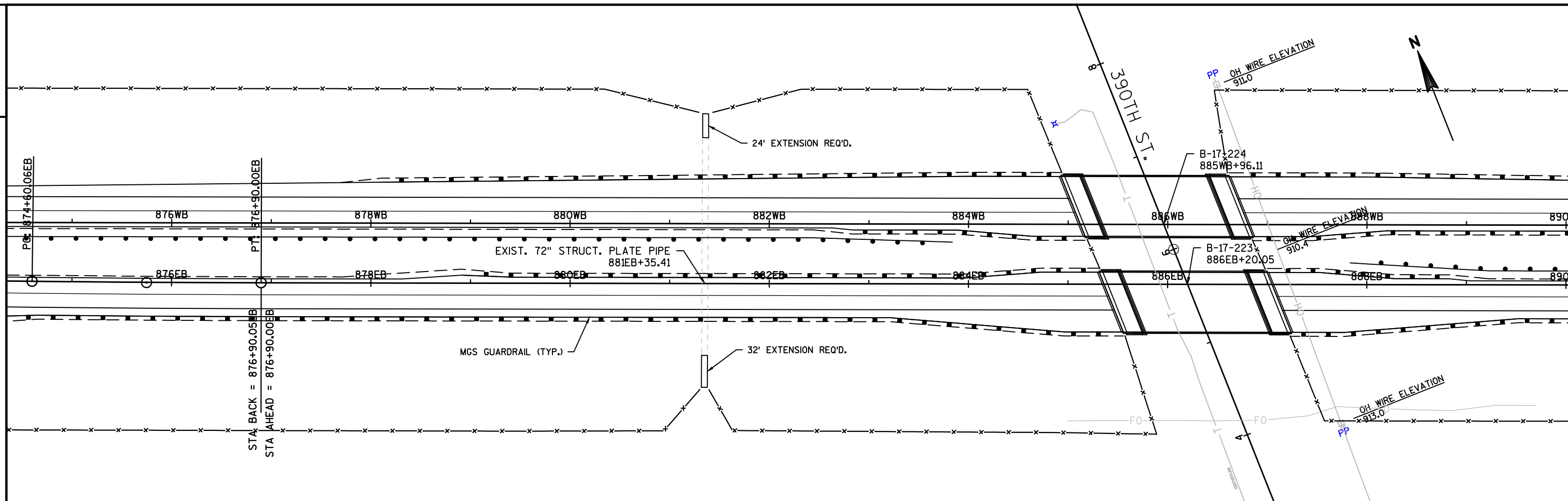
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	FENCING AND MEDIAN CABLE GUARD	SHEET	E
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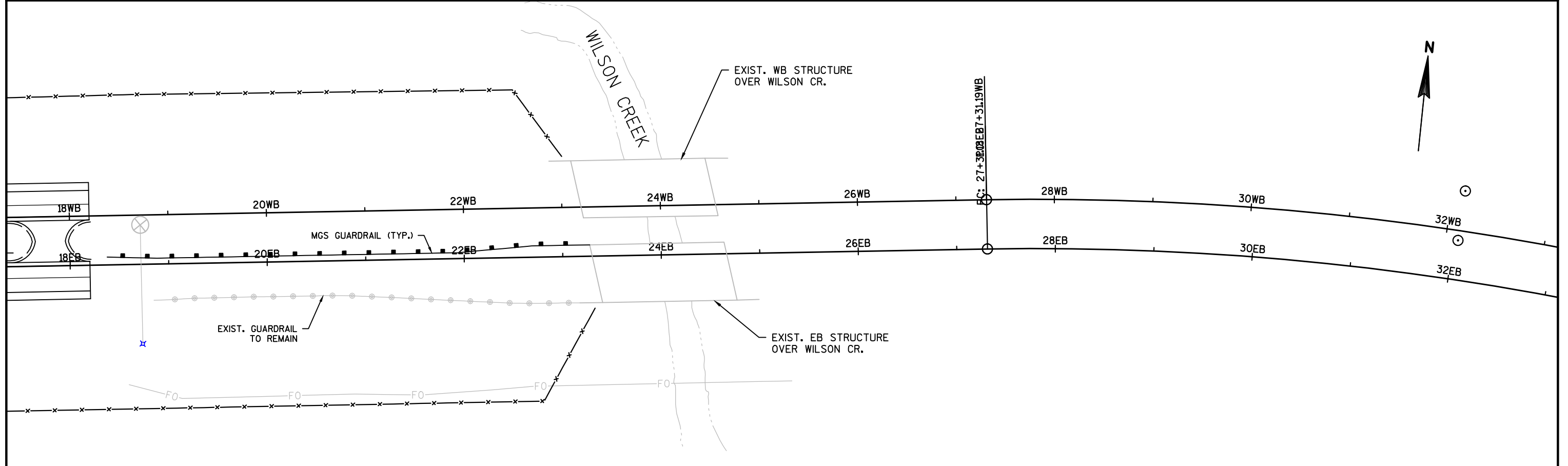
PROJECT NO:1022-08-72	HWY: IH 94	COUNTY: DUNN	FENCING AND MEDIAN CABLE GUARD	SHEET	E
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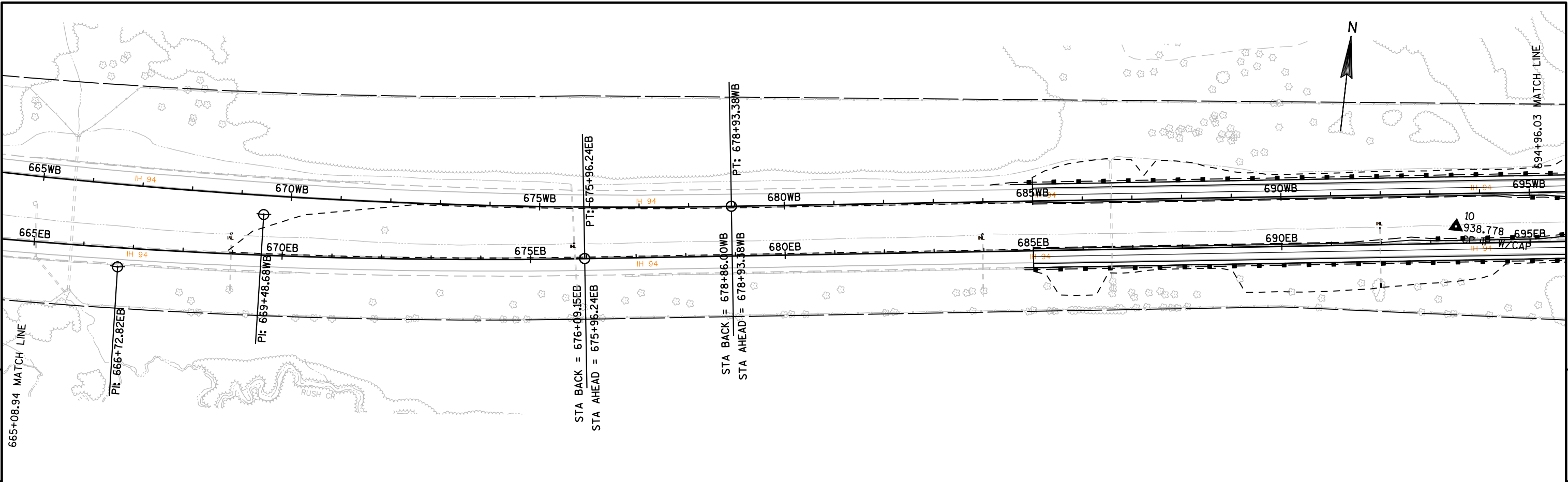


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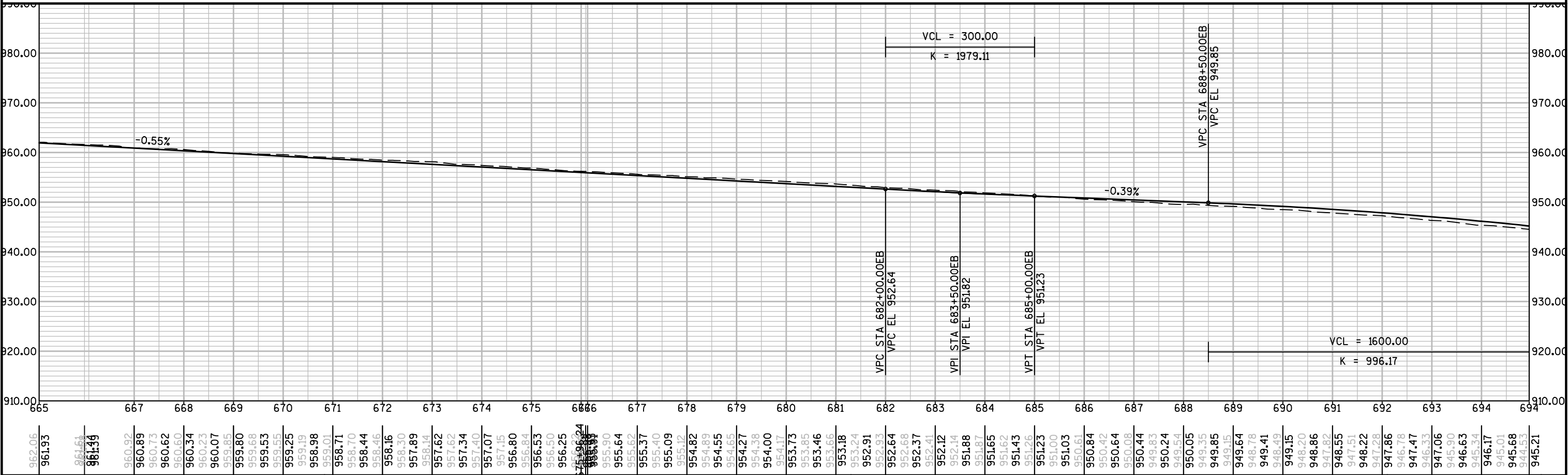


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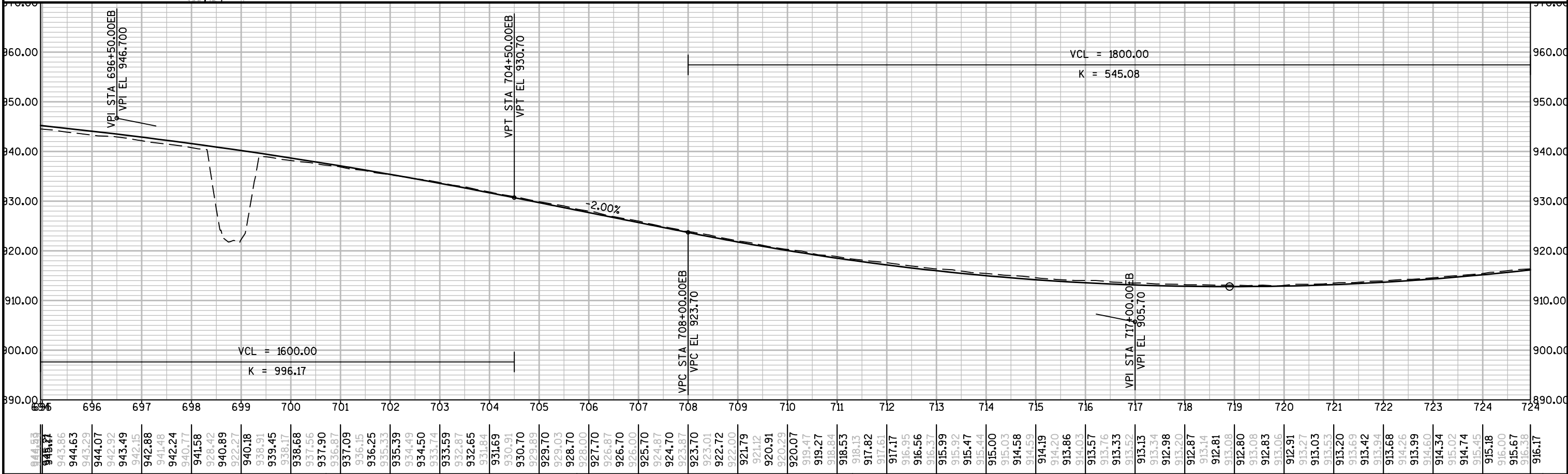
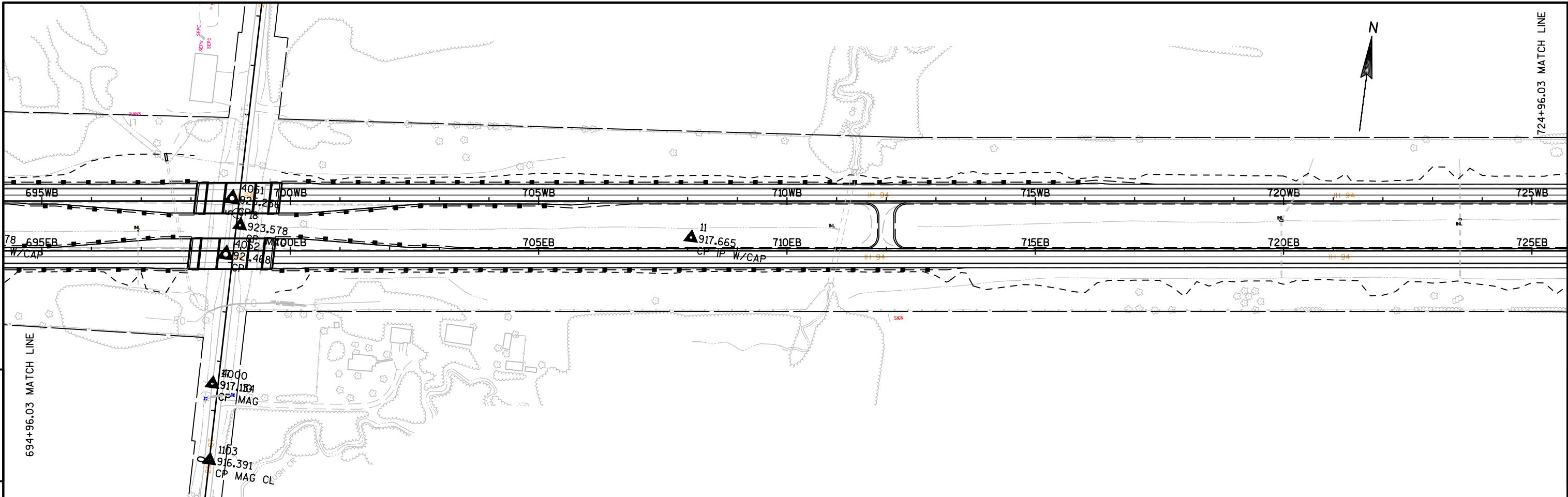
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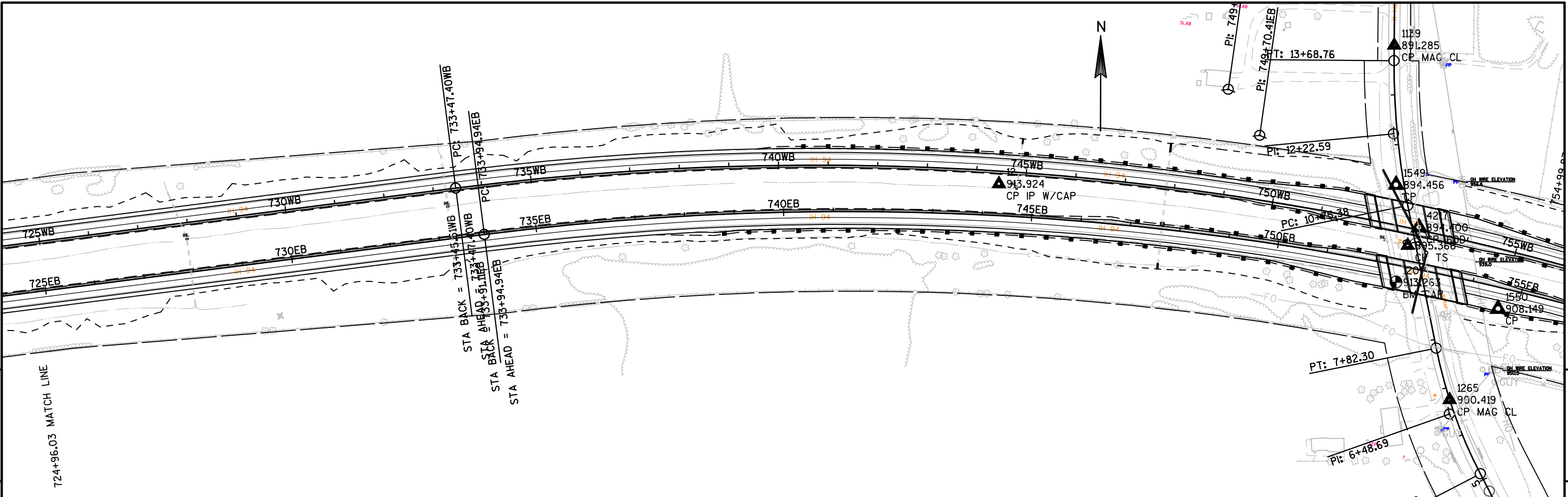


PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	PLAN AND PROFILE: IH 94 EASTBOUND	SHEET	E
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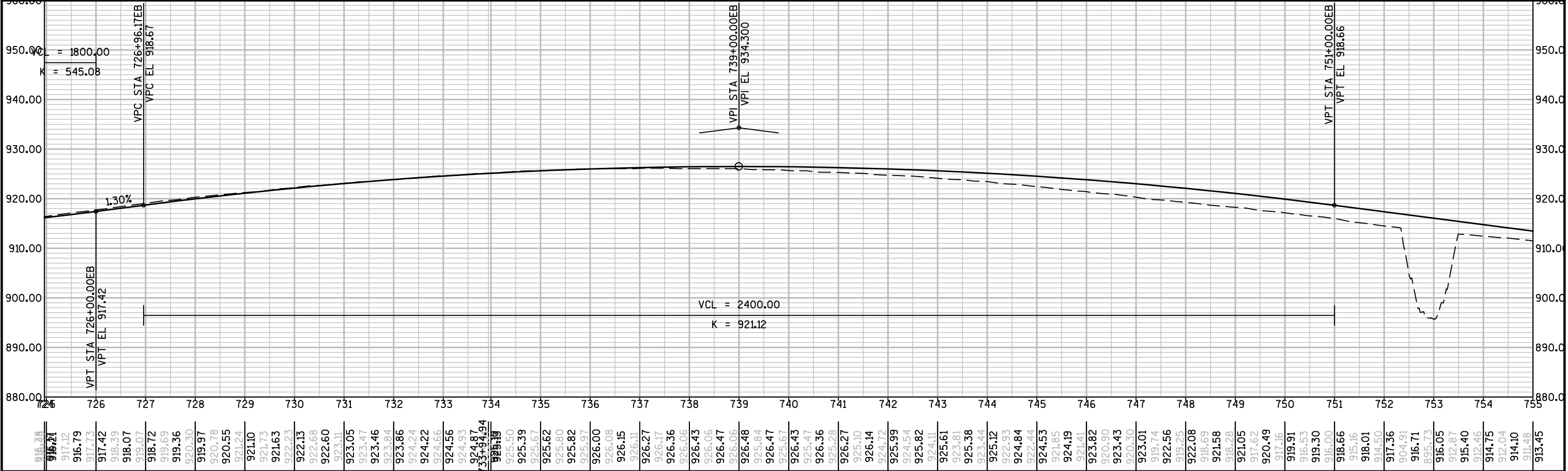


PROJECT NO:1022-08-72			HWY:IH 94			COUNTY:DUNN			PLAN AND PROFILE: IH 94 EASTBOUND			SHEET			E		
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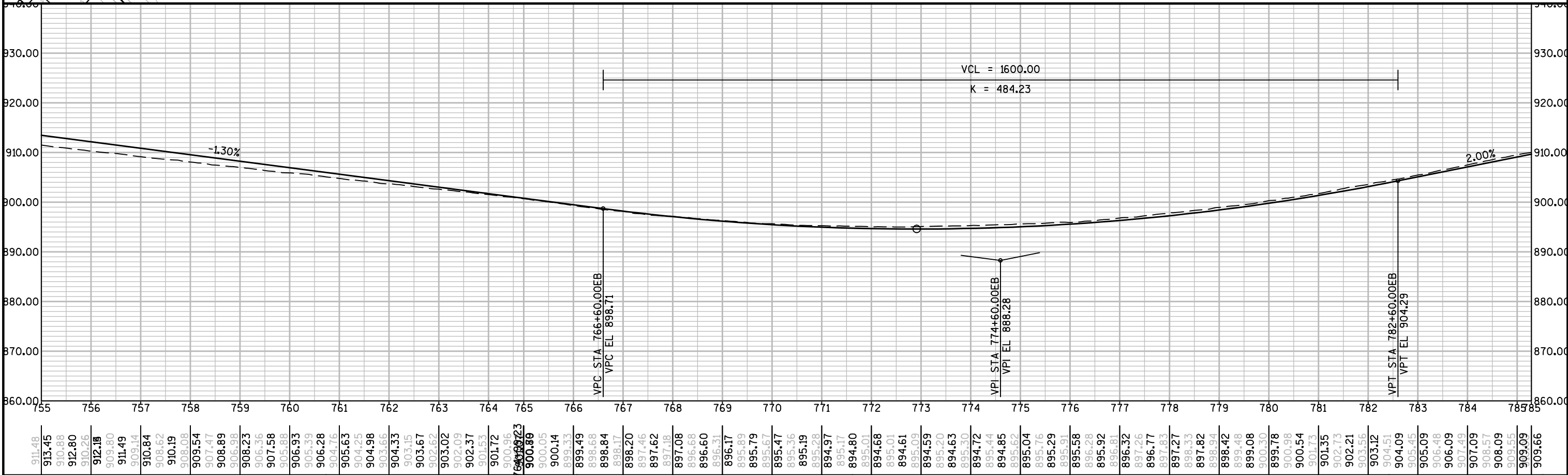
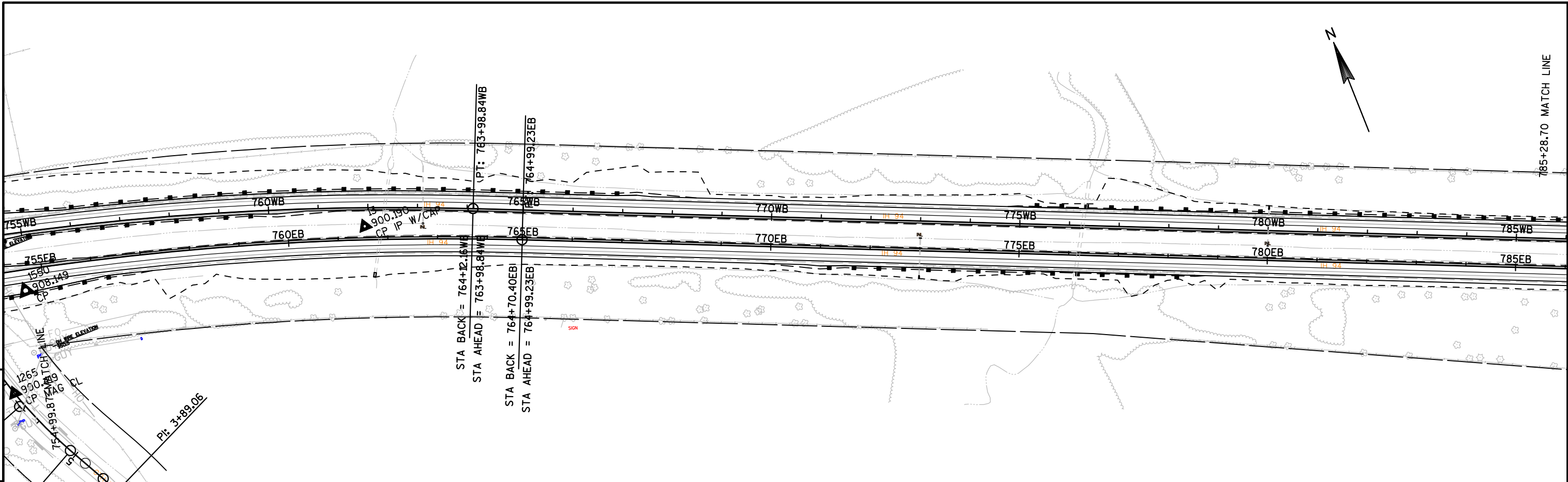
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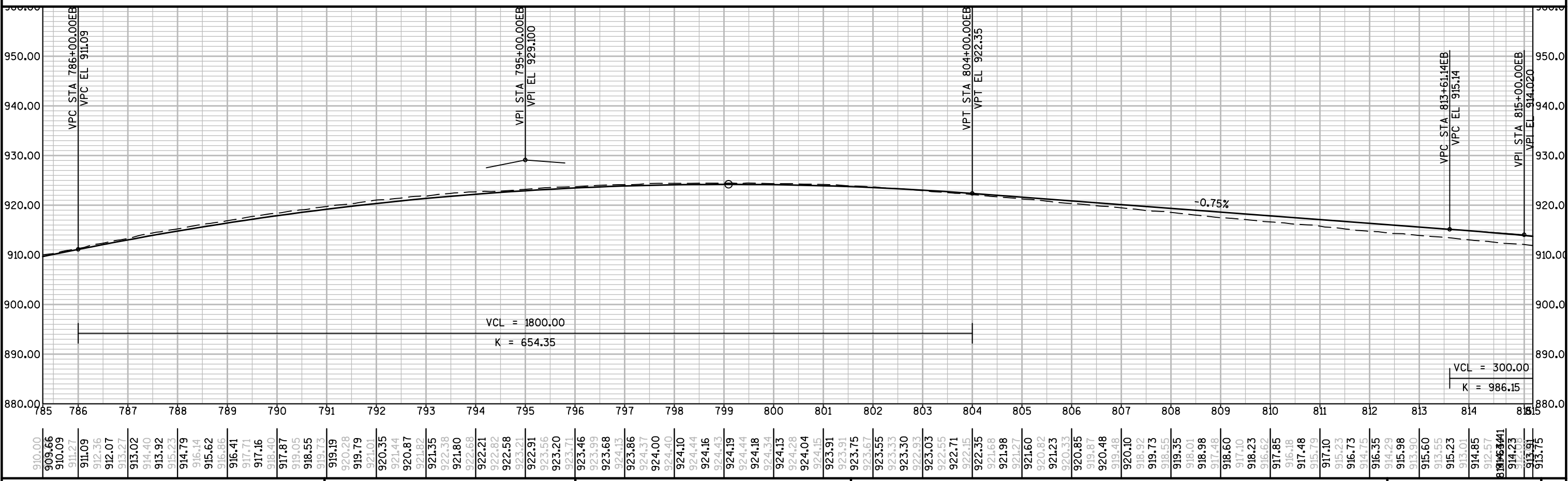
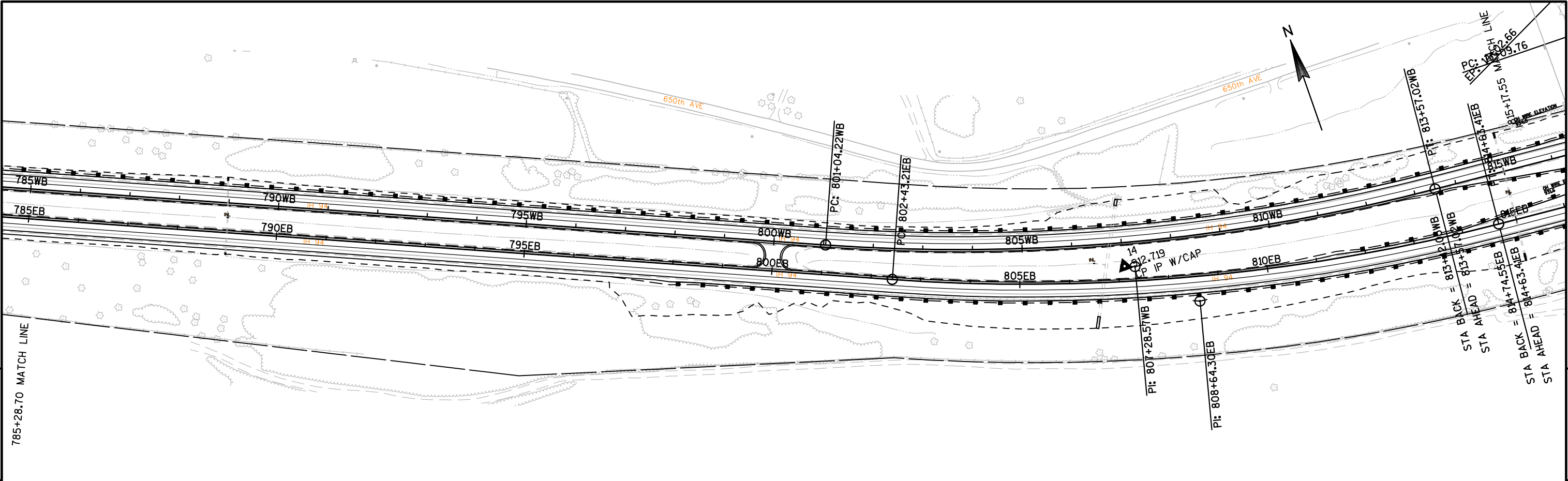


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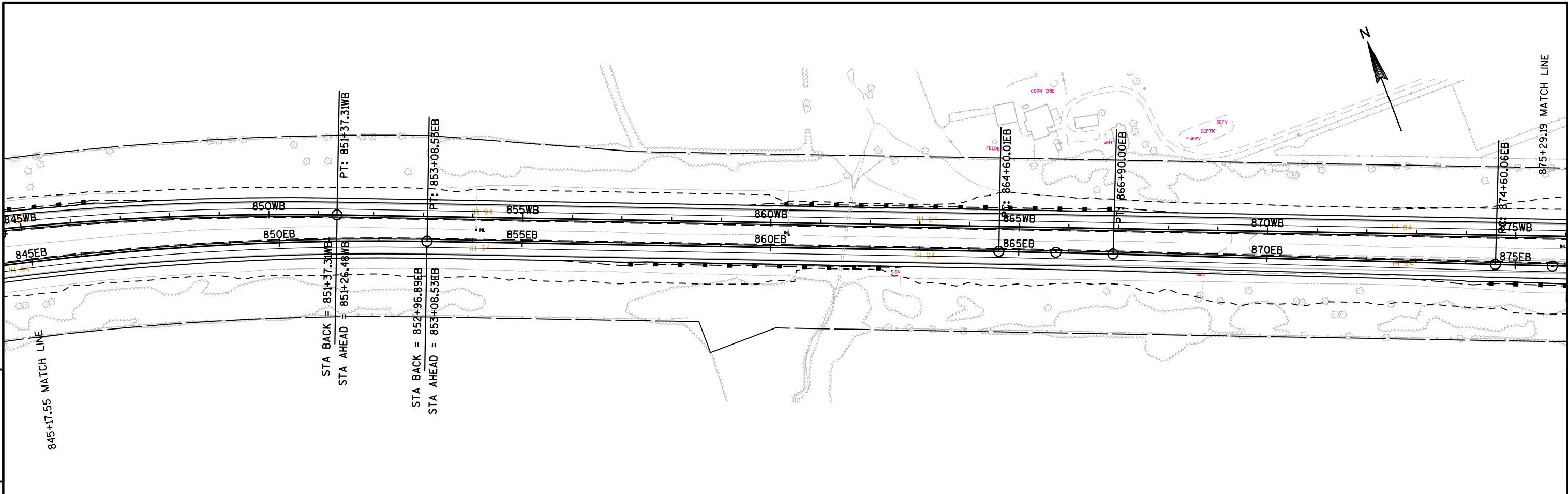


PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	PLAN AND PROFILE: IH 94 EASTBOUND	SHEET	5
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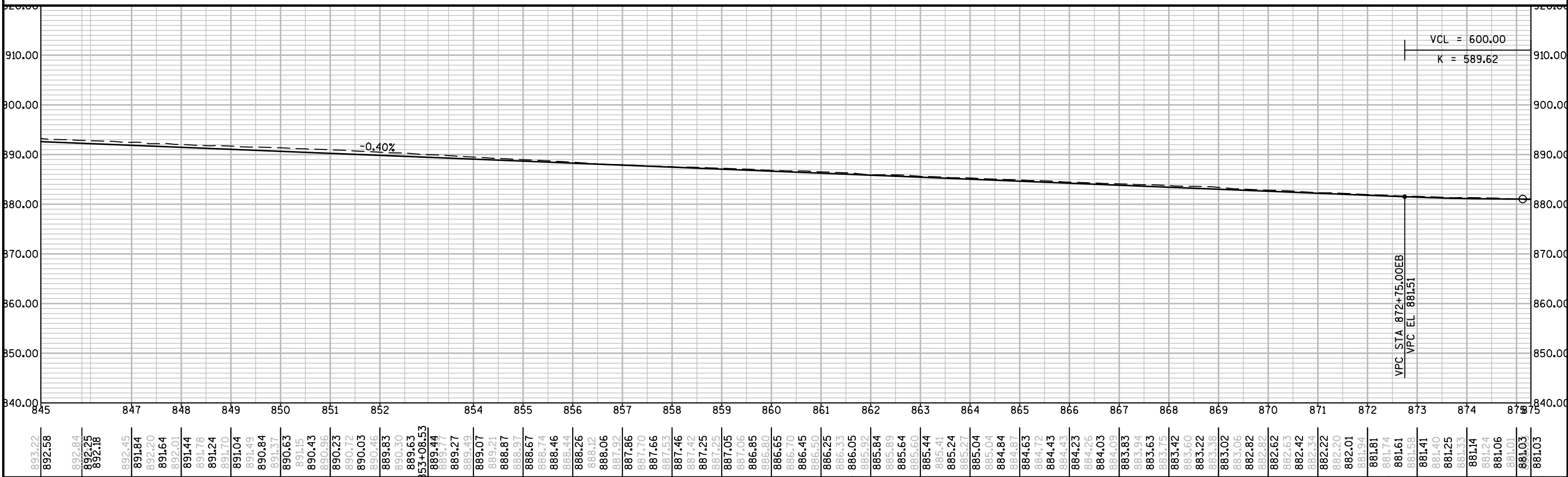




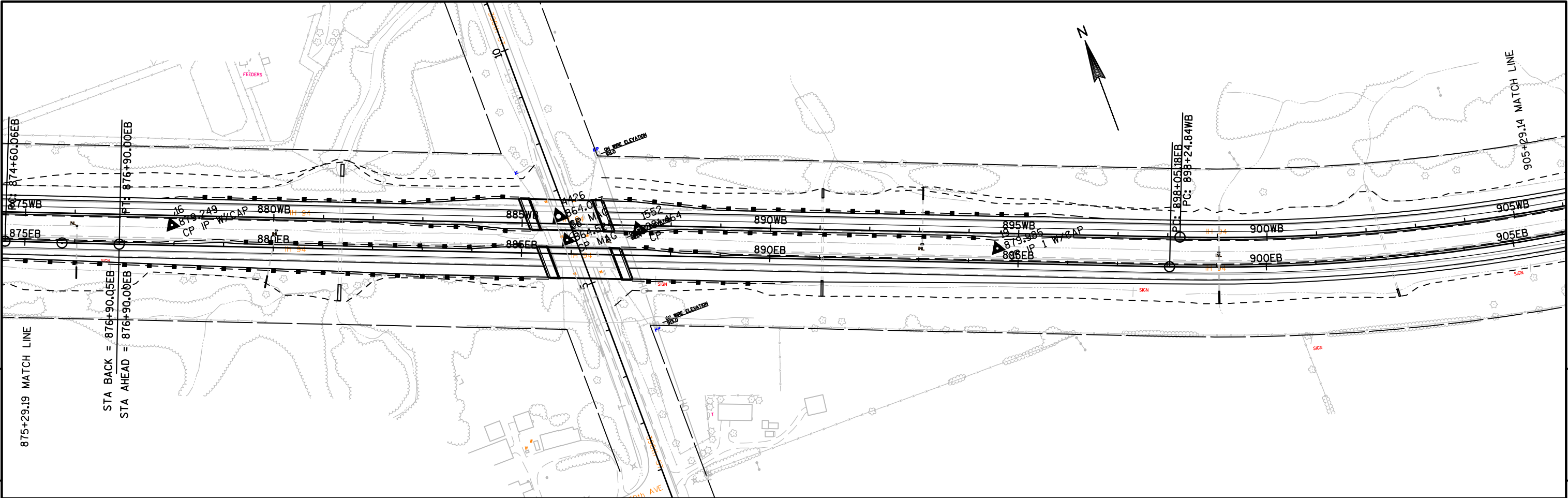
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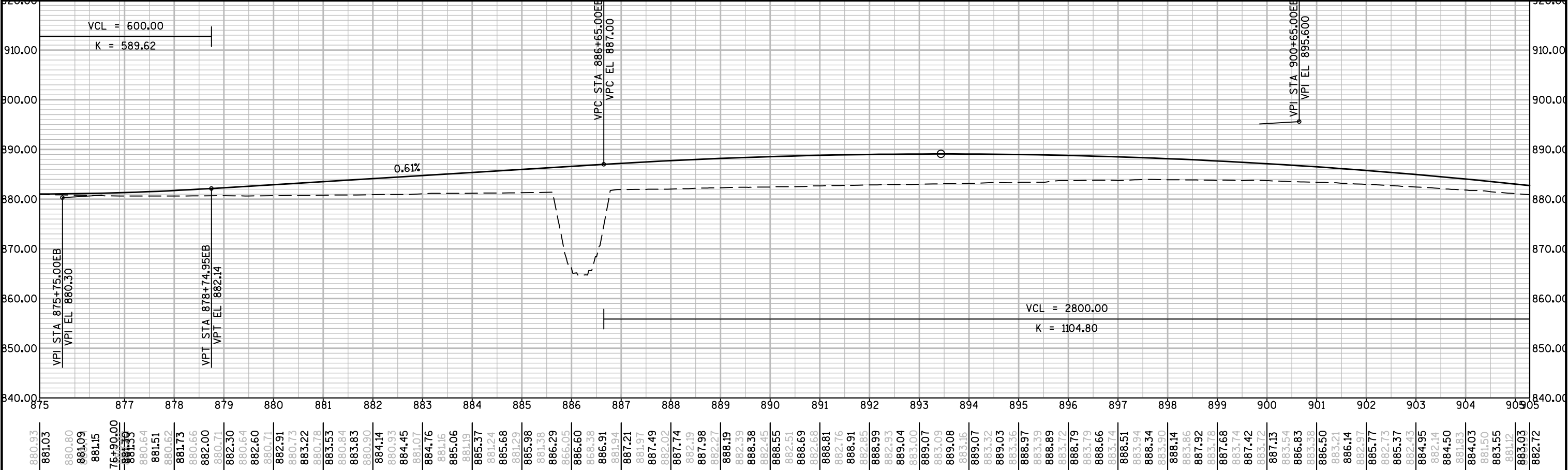
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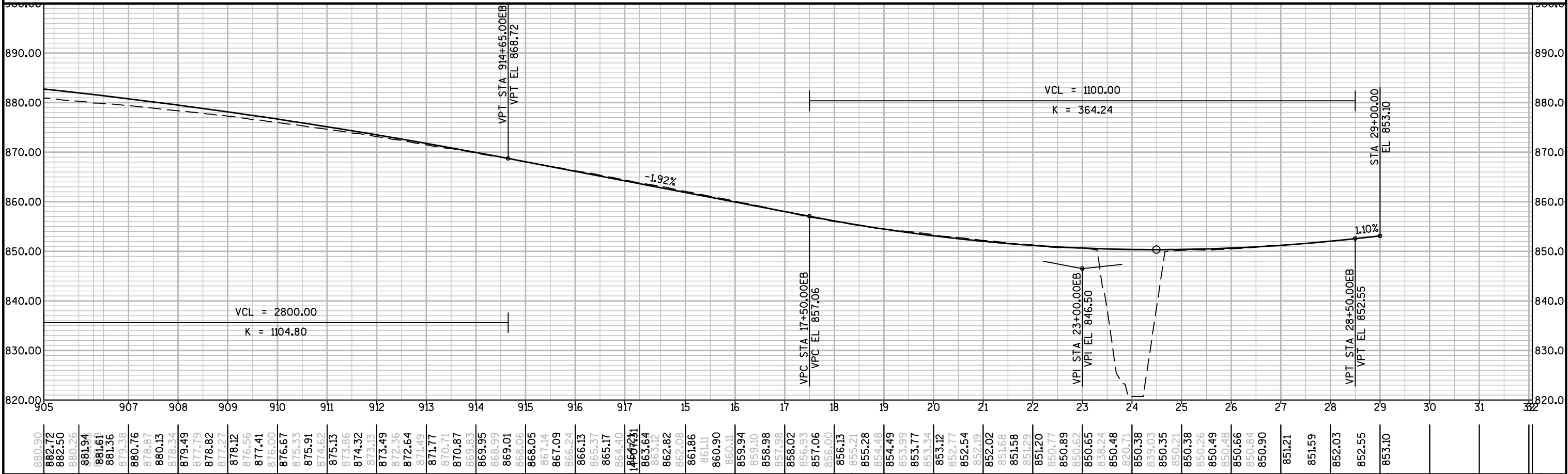
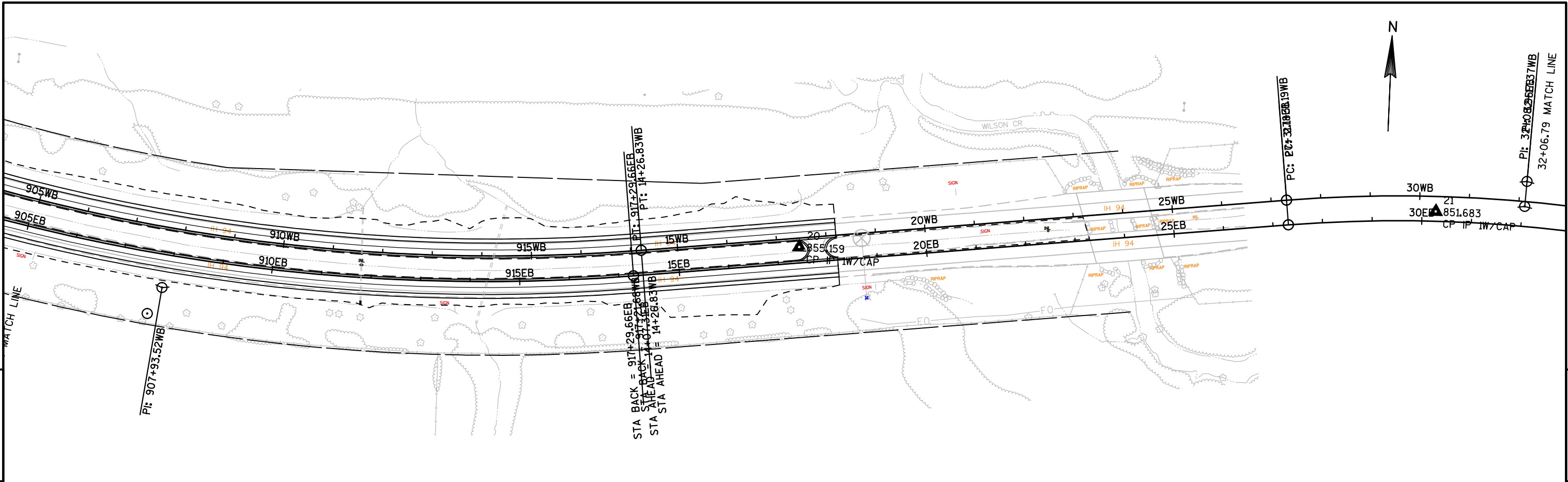
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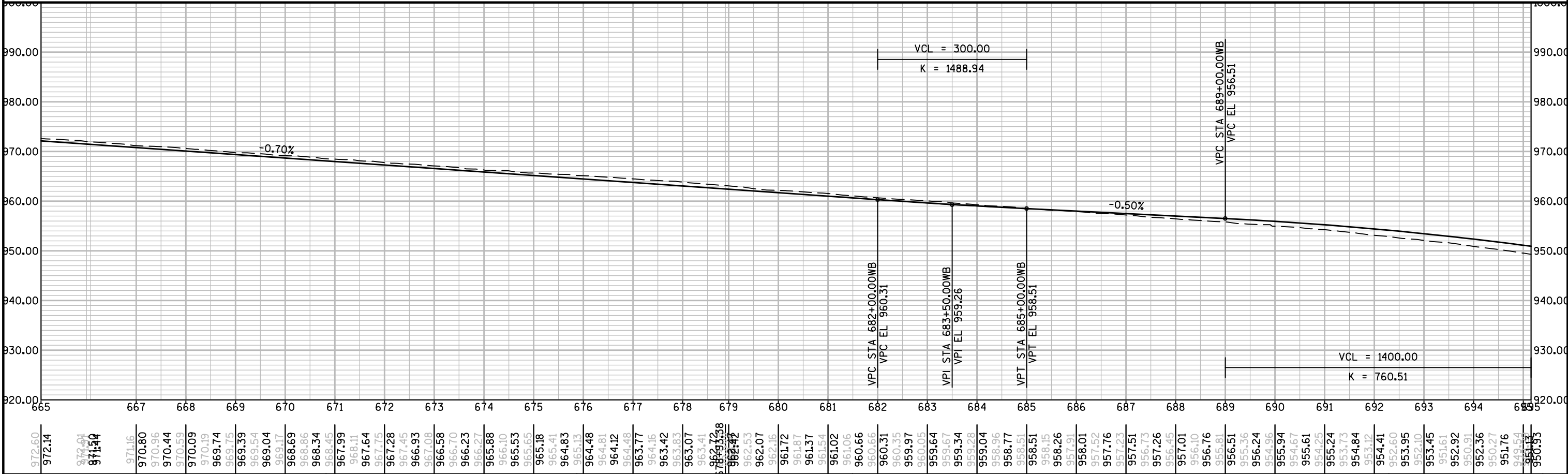
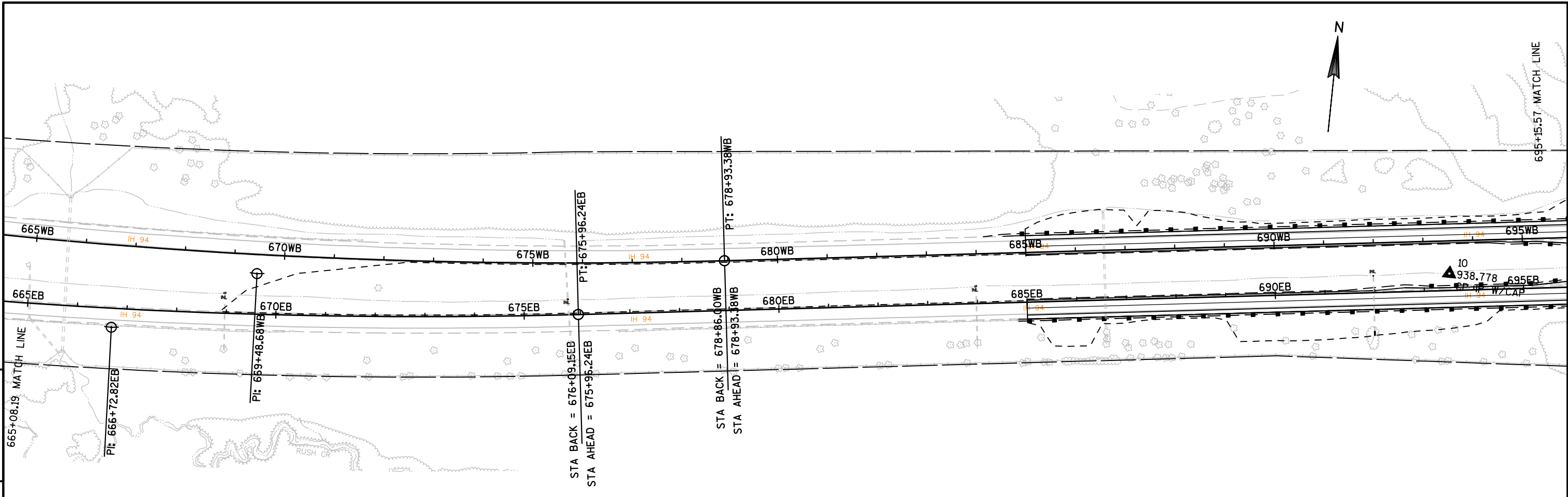
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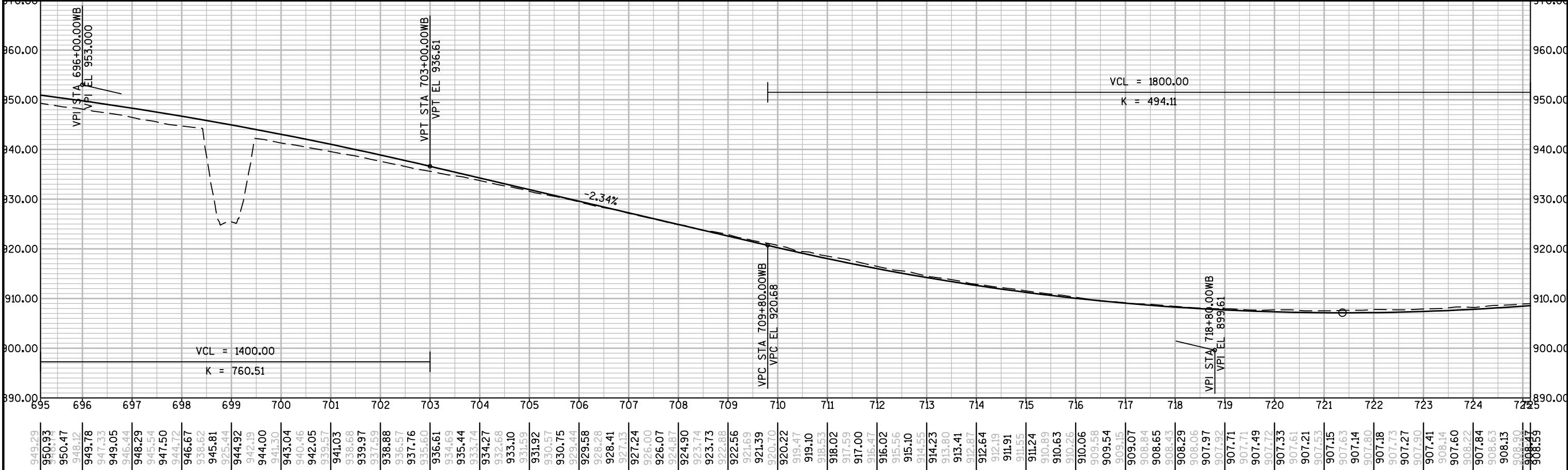
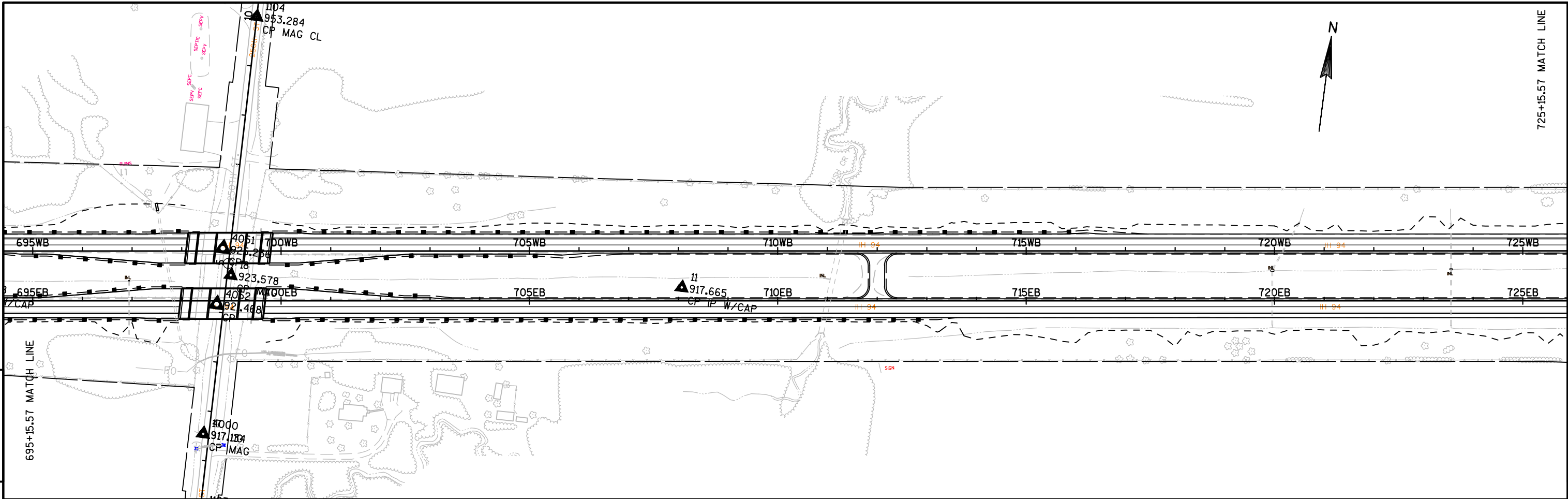
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	PLAN AND PROFILE: IH 94 EASTBOUND	SHEET	E
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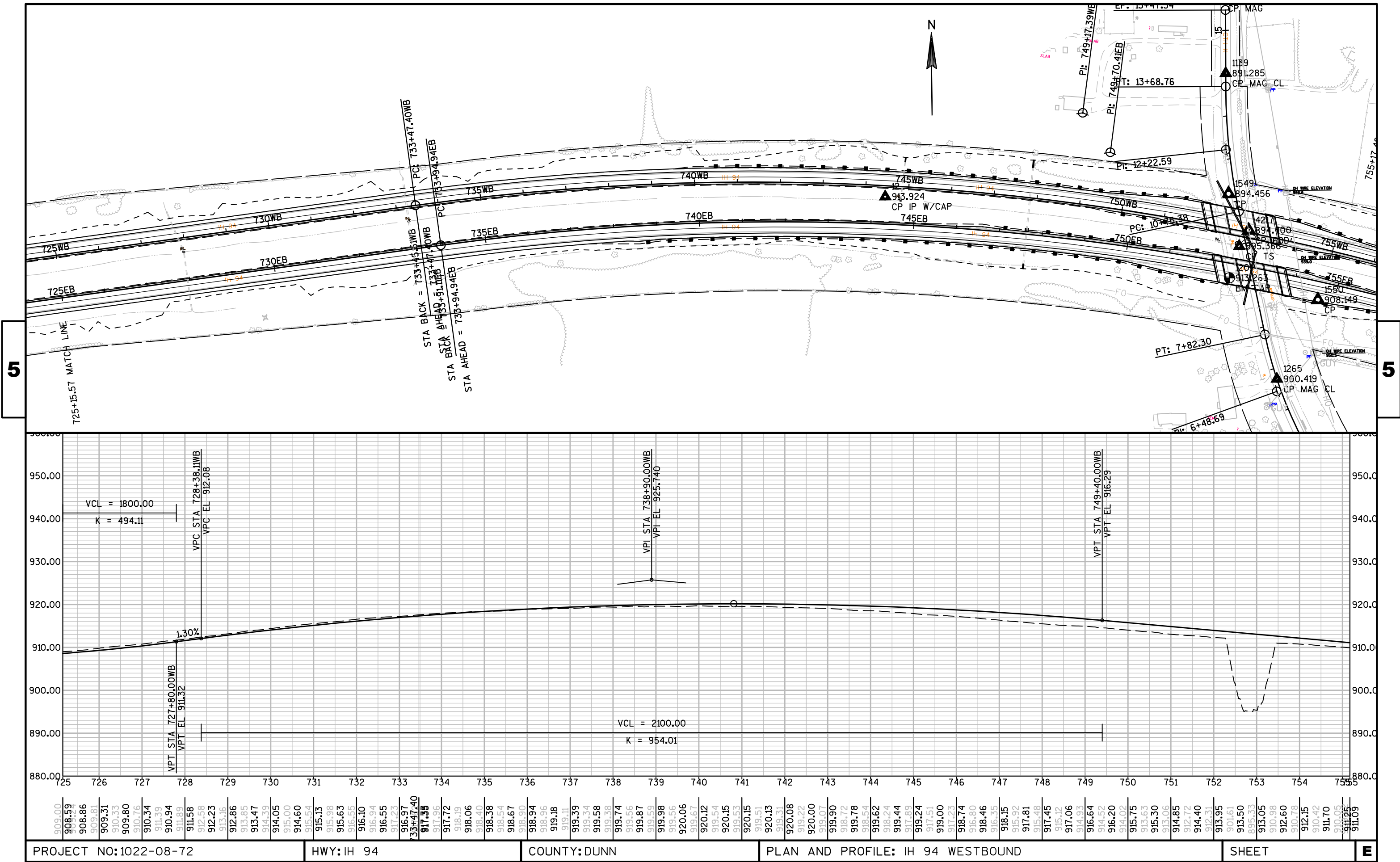


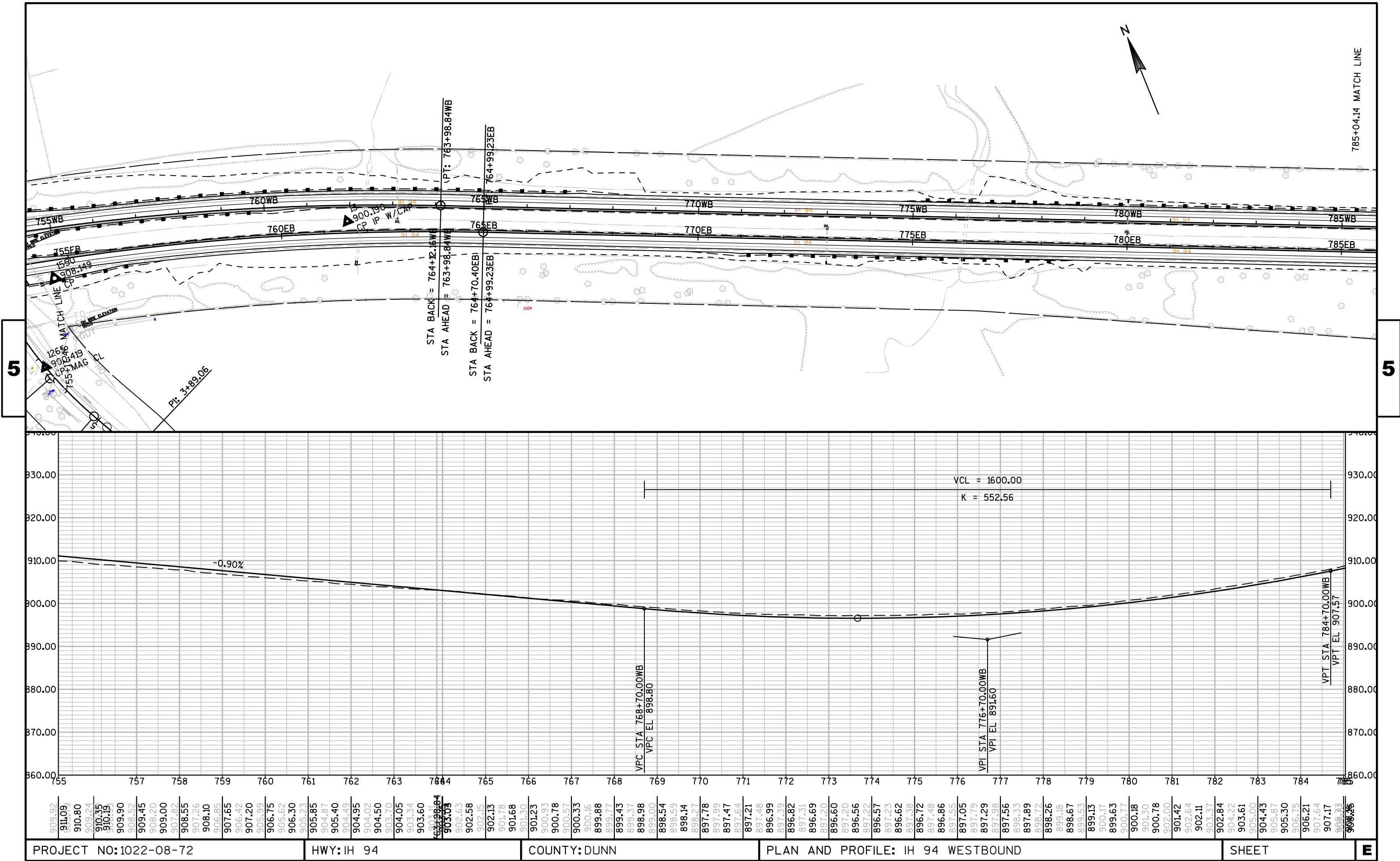
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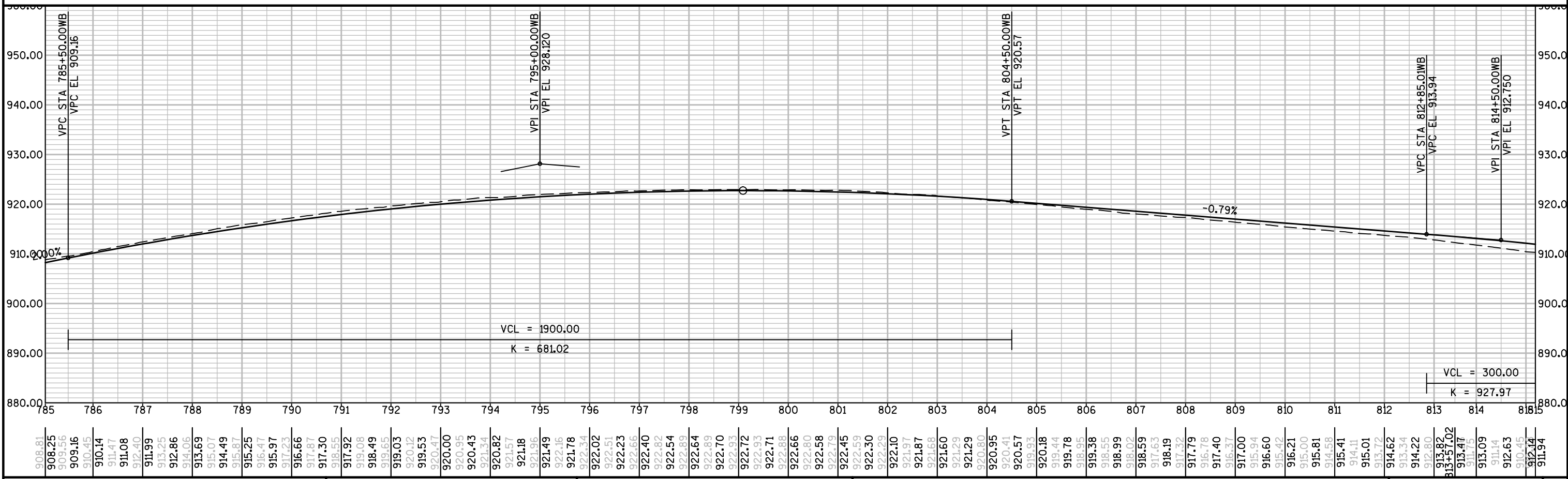
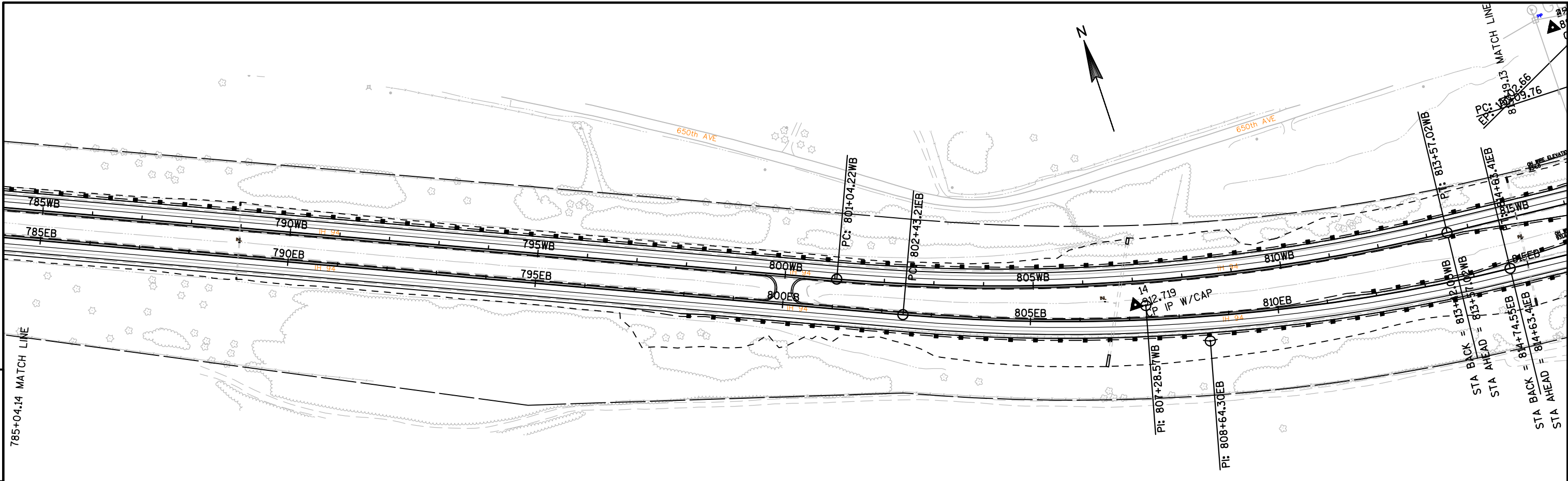


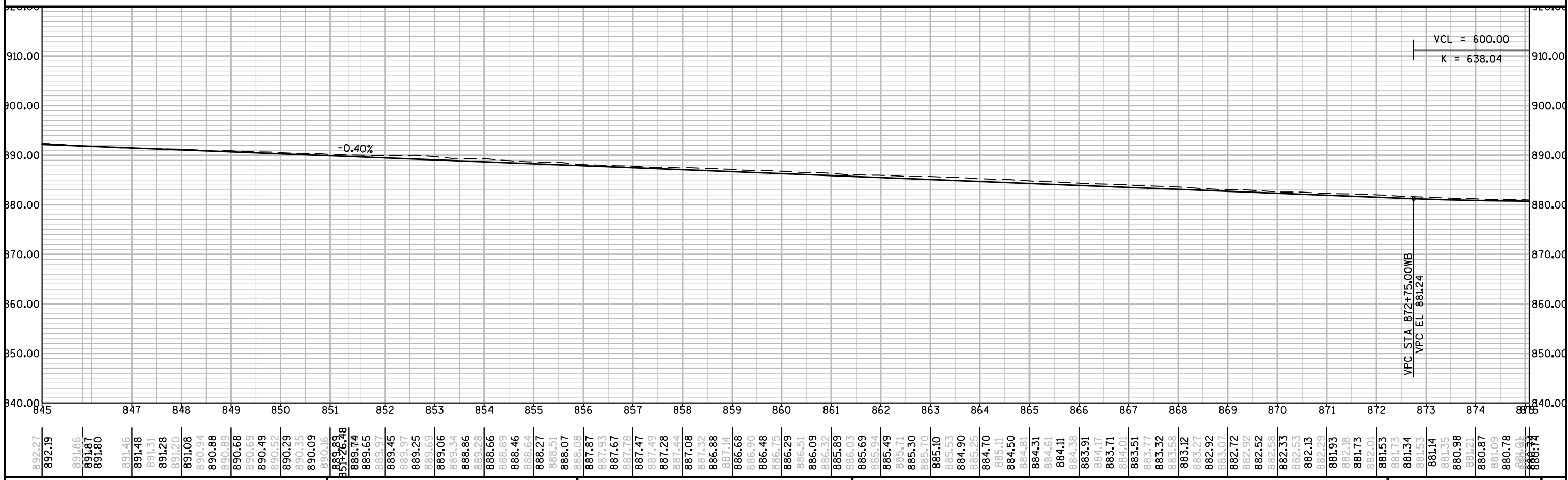
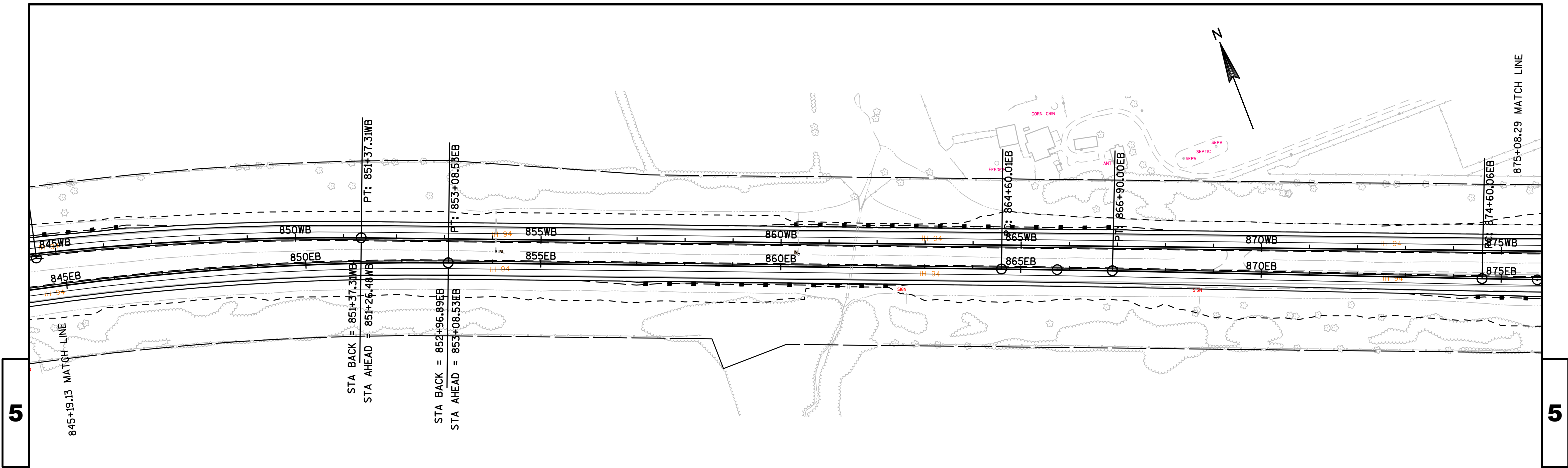
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	PLAN AND PROFILE: IH 94 WESTBOUND	SHEET	E
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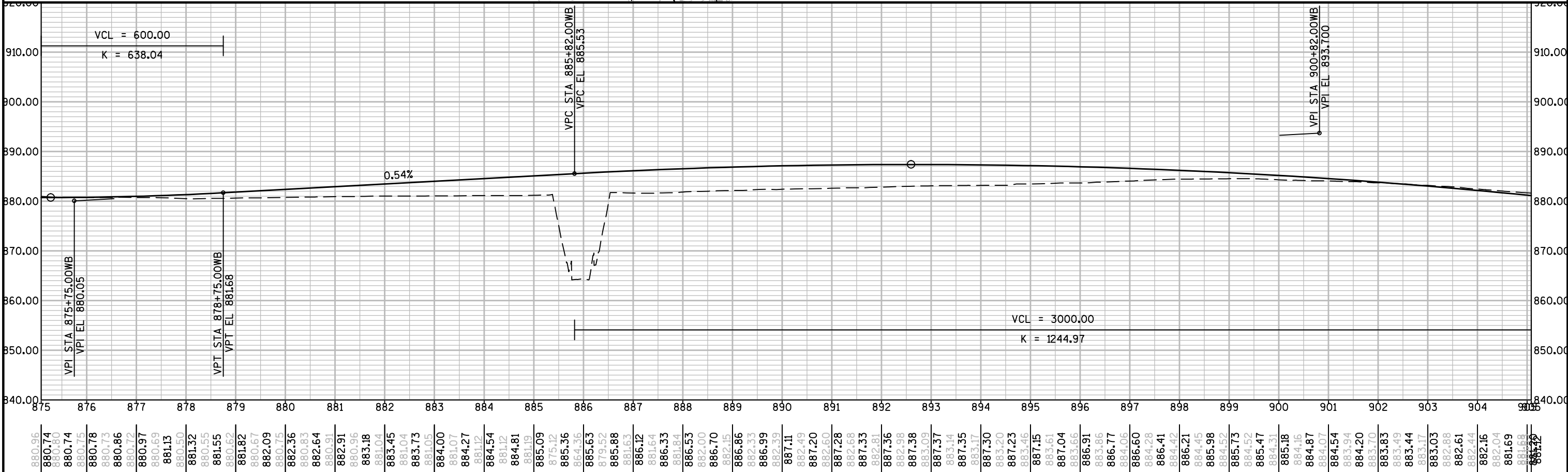
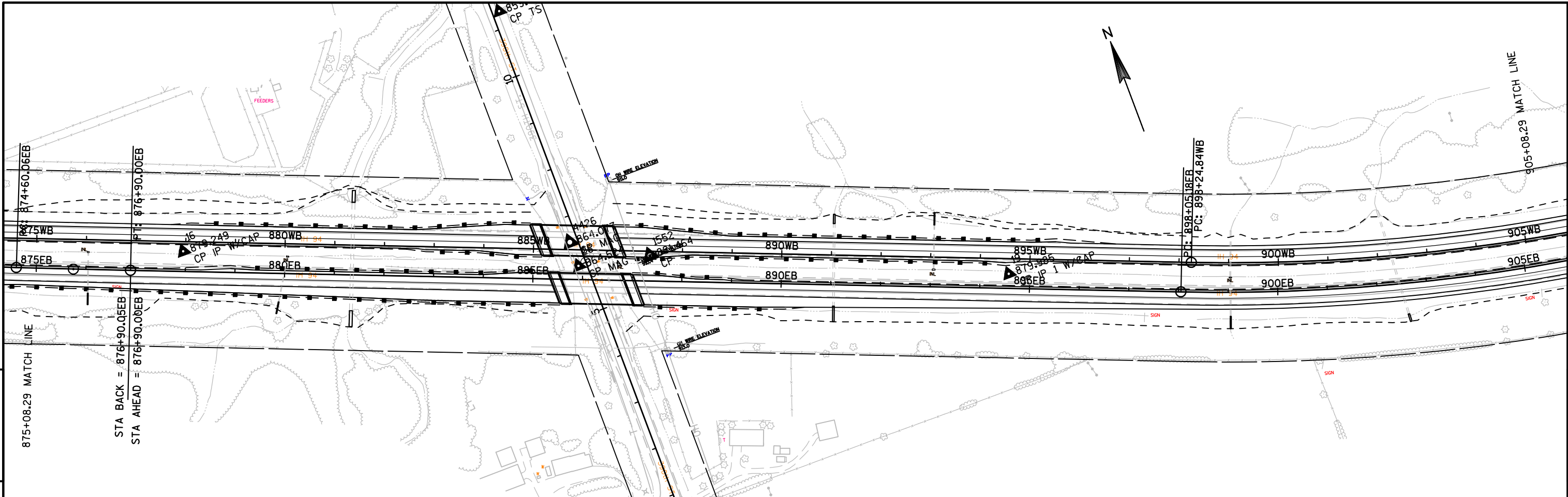






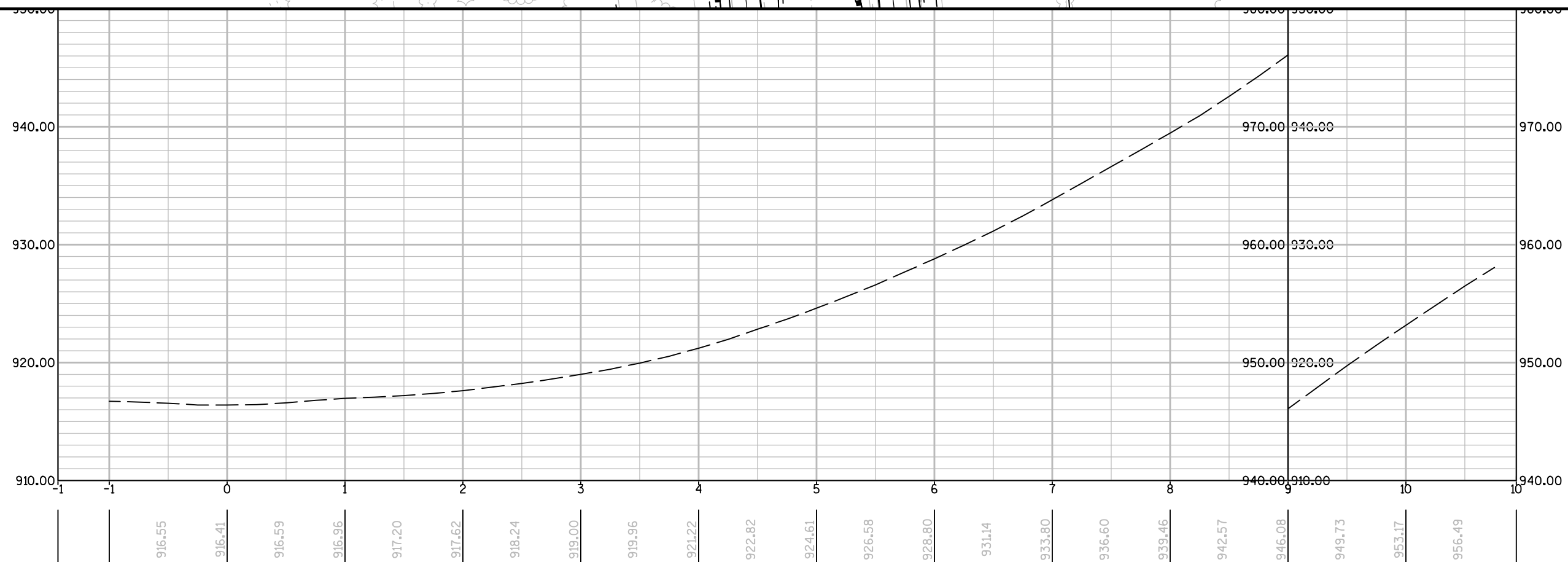


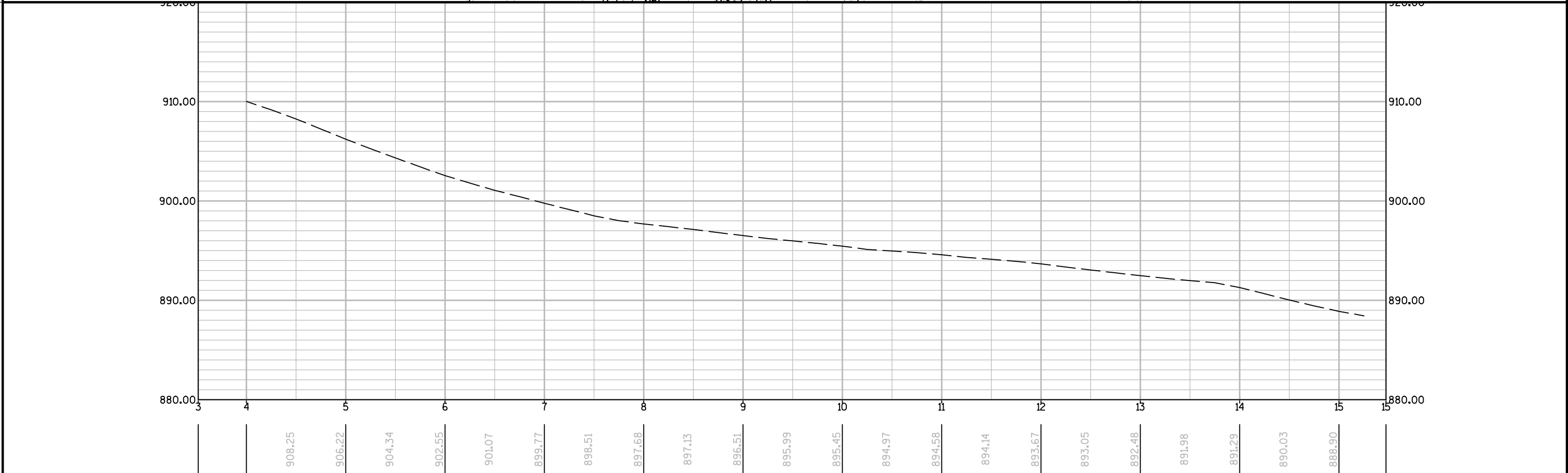
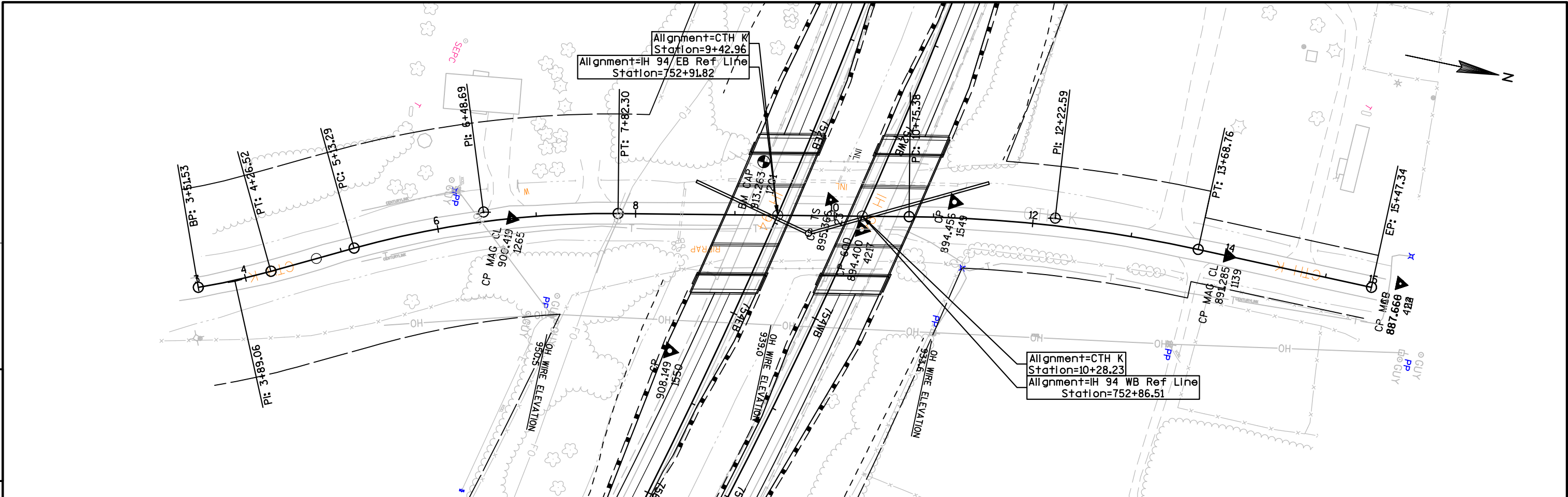
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	PLAN AND PROFILE: IH 94 WESTBOUND	SHEET	E
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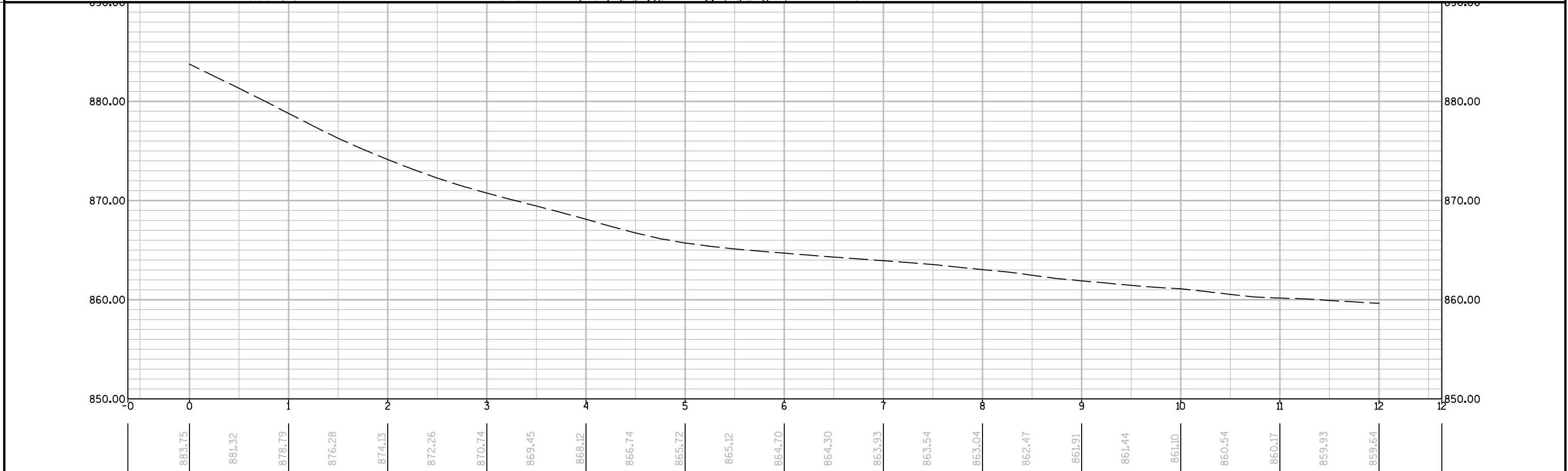
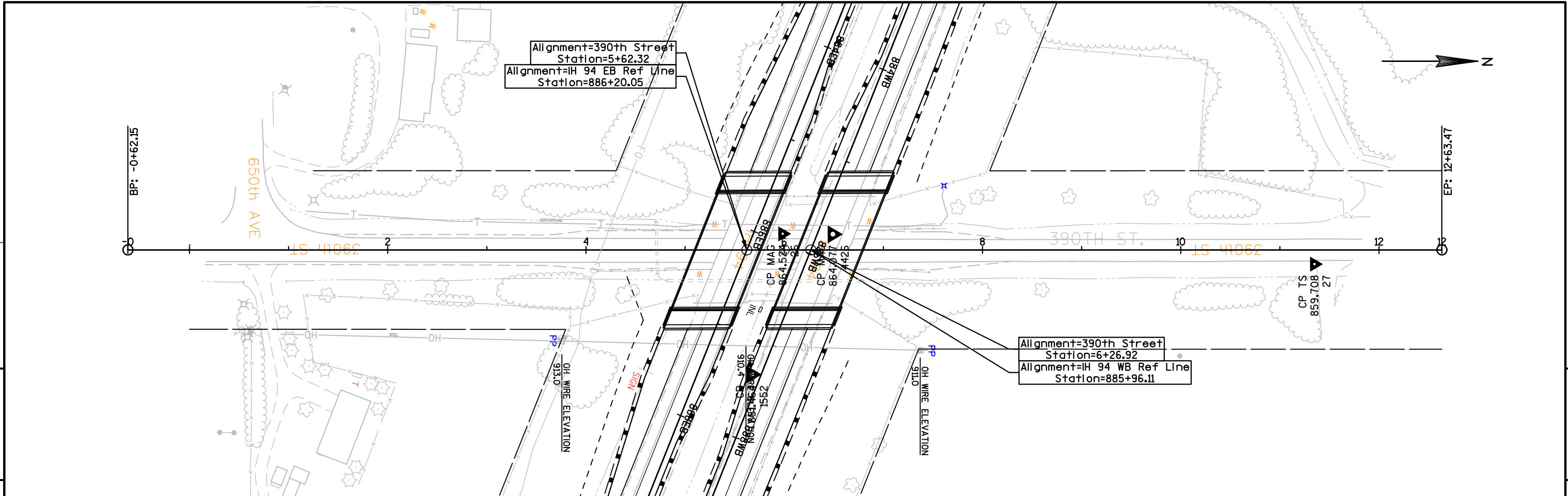


PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	PLAN AND PROFILE: IH 94 WESTBOUND	SHEET	E
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5

**E**





DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
 INVENTORY RATING FACTOR: RF=
 OPERATING RATING FACTOR: RF=
 WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): (KIPS)
 STRUCTURE IS DESIGNED FOR A FUTURE WEARING
 SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY SLAB — $f'_c = 4,000$ P.S.I. ALL OTHER — $f'_c = 3,500$ P.S.I.
 BAR STEEL REINFORCEMENT, GRADE 60 — $f_y = 60,000$ P.S.I.

FOUNDATION DATA

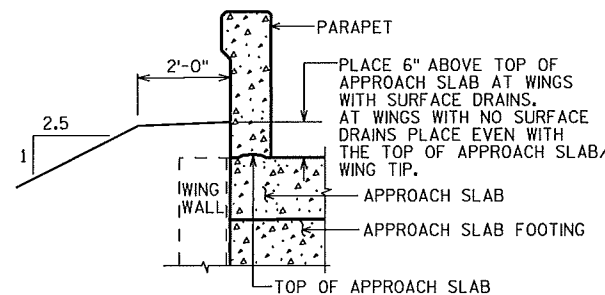
ABUTMENTS TO BE SUPPORTED ON PILING
 DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS PER PILE
 AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
 ESTIMATED LONG.

PIER TO BE SUPPORTED ON PILING
 DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS PER PILE
 AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
 ESTIMATED LONG.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN
 IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR
 OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC VOLUME

IH 94 250TH ST.
 A.D.T.=42,600 (2038) A.D.T.=60 (2038)
 R.D.S.=75 M.P.H. R.D.S.=60 M.P.H.



TYPICAL FILL SECTION AT END OF
STRUCTURAL APPROACH SLABS

PRELIMINARY PLAN

LIST OF DRAWINGS

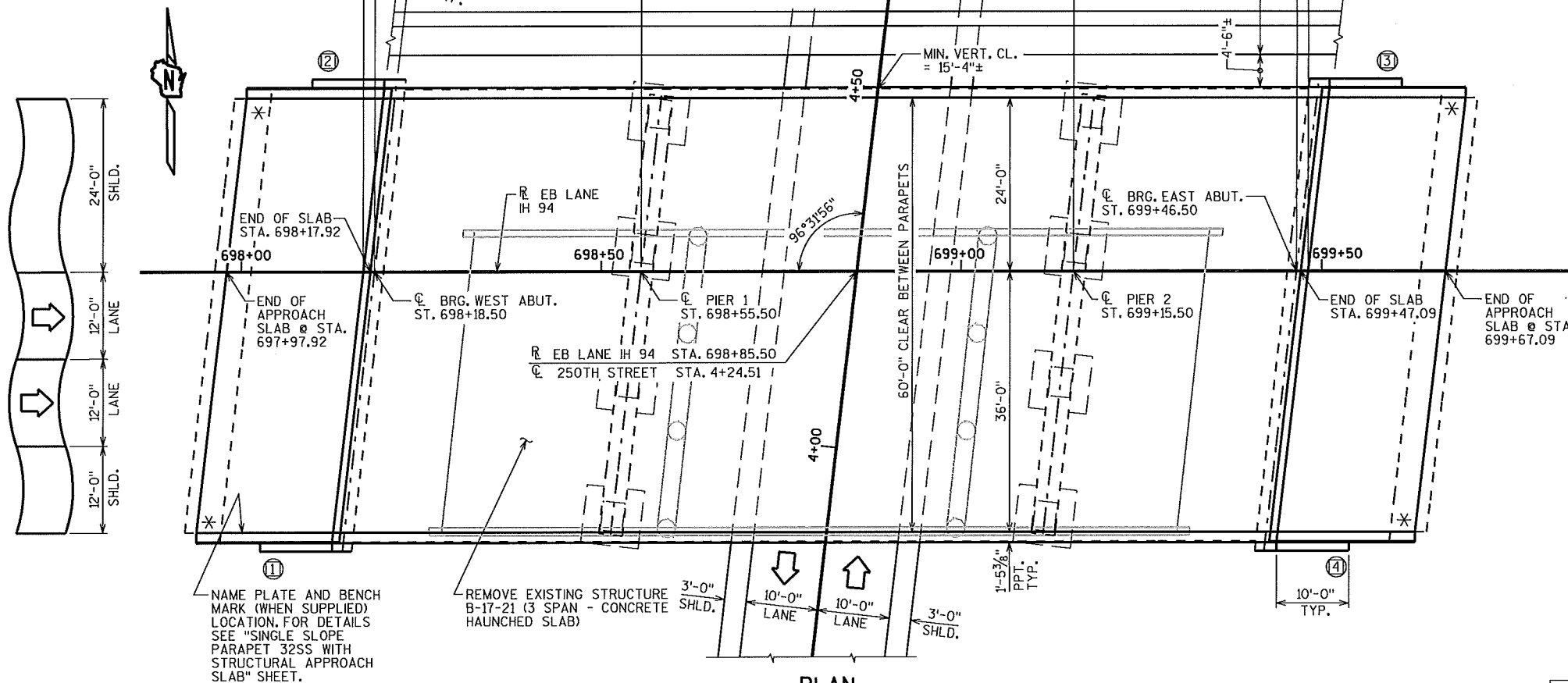
1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.

STRUCTURE DESIGN CONTACTS:
 MATTHEW COUPAR (608) 266-5083
 AARON BONK (608) 261-0261

NO.	DATE	REVISION	BY
 Plans Prepared By WISDOT BUREAU OF STRUCTURES			
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE _____			
STRUCTURE B-17-217			
IH 94 EB OVER 250TH STREET			
COUNTY	DUNN	TOWN/CITY/VILLAGE	LUCAS
DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS			
DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
MSC		DDS	MSC
GENERAL PLAN			SHEET 1 OF 2

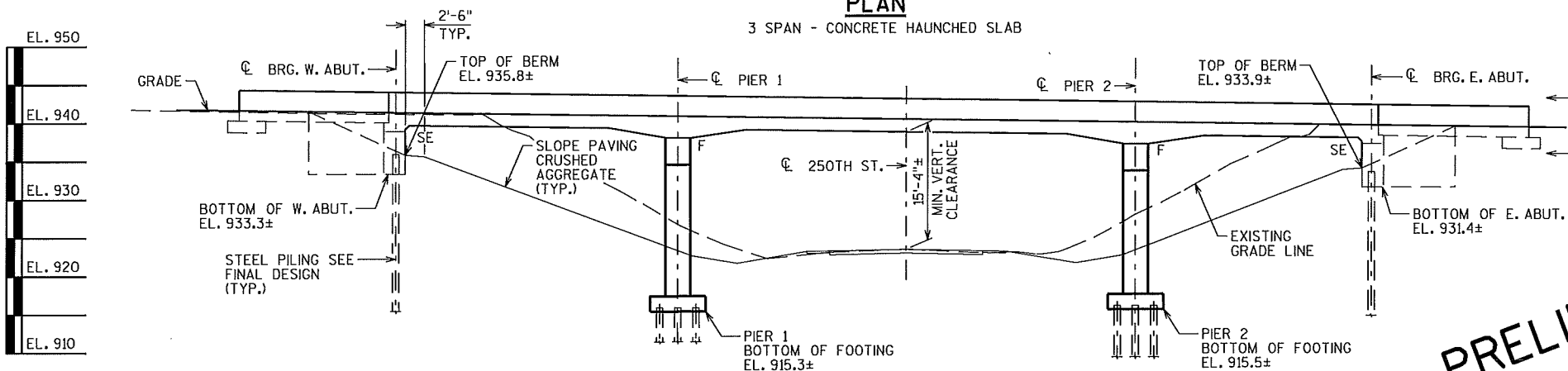
* PROVIDE FOR THREE BEAM GUARD RAIL ATTACHMENT AT UNUSED ANCHOR ASSEMBLIES CAULK HOLES SHUT WITH "100% SILICONE CAULK".

⊙ INDICATES WING NUMBER



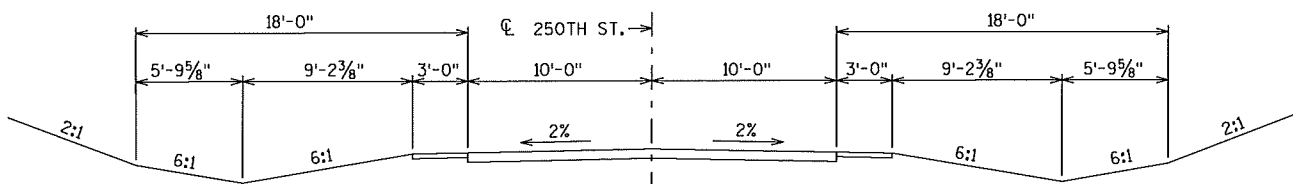
PLAN

3 SPAN - CONCRETE HAUNCHED SLAB



ELEVATION

NORMAL TO 250TH ST.



TYPICAL SECTION THRU 250TH ST.



GENERAL NOTES

AT ABUTMENTS, HP 12X53 STEEL PILING MAY BE USED IN LIEU OF HP 10X42 STEEL PILING. PAYMENT SHALL BE BASED ON BID PRICE FOR HP 10X42 STEEL PILING.

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE		B-17-217	
DRAWN BY		DDS	PLANS CK'D. MSC
CROSS SECTION & QUANTITIES		SHEET 2	

PRELIMINARY
PLAN

SCALE = 4

LIVE LOAD:

MATERIAL PROPERTIES:

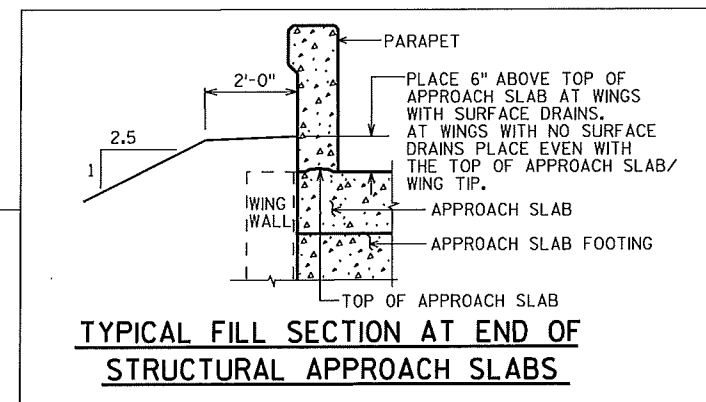
CONCRETE MASONRY SLAB— $f'_c = 4,000$ P.S.I. ALL OTHER— $f'_c = 3,500$ P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 ————— $f_y = 60,000$ P.S.I.

ABUTMENTS TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS ** PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED ----- LONG.

PIER TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS ** PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED ----- LONG.

*** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

<u>IH 94</u>	<u>250TH ST.</u>
A.D.T.=42,600 (2038)	A.D.T.=60 (2038)
R.D.S.=75 M.P.H.	R.D.S.=60 M.P.H.



STRUCTURE DESIGN CONTACTS:
MATTHEW COUPAR (608) 266-5083
AARON BONK (608) 261-0261

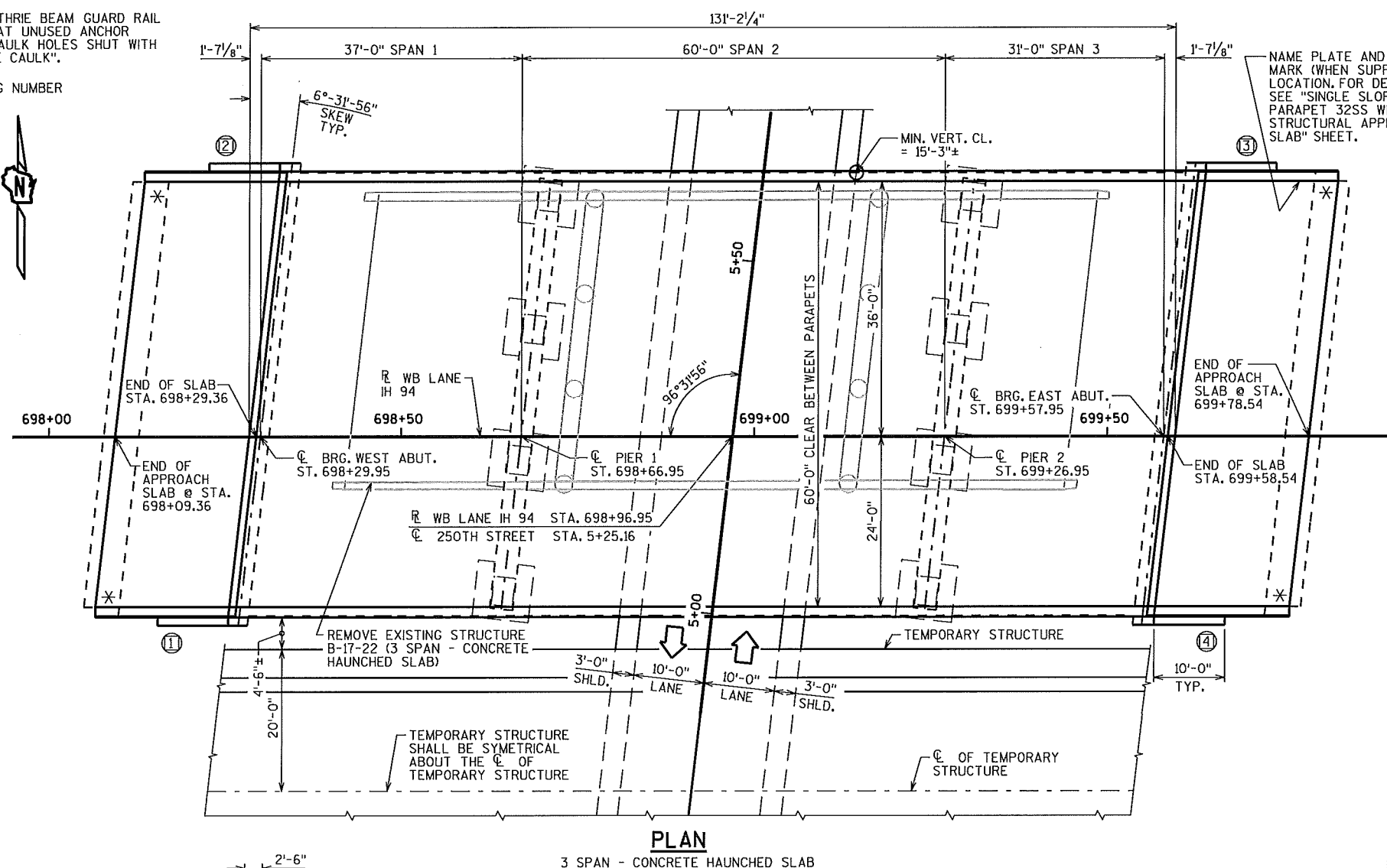
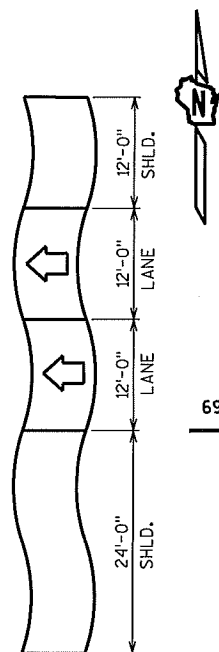
NO.		DATE		REVISION		BY	
		Plans Prepared By		WISDOT BUREAU OF STRUCTURES			
				8			
ACCEPTED _____		CHIEF STRUCTURES DESIGN ENGINEER				DATE _____	
STRUCTURE B-17-218							
IH 94 WB OVER 250TH STREET							
COUNTY		DUNN		TOWN/CITY/VILLAGE		LUCAS	
DESIGN SPEC.							
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS							
DESIGNED BY	MSC	DESIGN CK'D.	DRAWN BY	DDS	PLANS CK'D.	MSC	
GENERAL PLAN				SHEET 1 OF 2			

SCALE = 10'

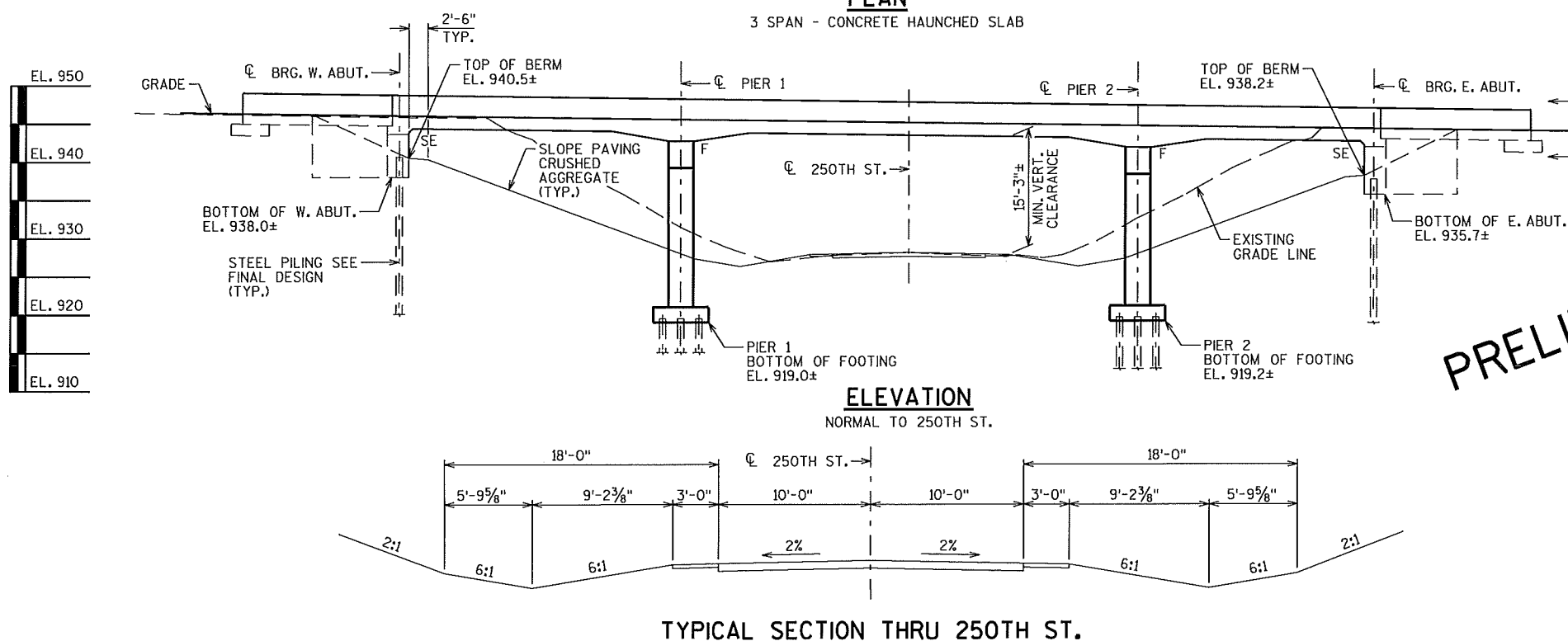
SCALE = 10

DATE: APRIL 2016

 INDICATES WING NUMBER



PLAN



TYPICAL SECTION THRU 250TH ST.

— J

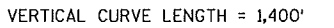
BOTTOM OF E. ABUT.
EL. 935.7±

PRELIMINARY PLAN

LIST OF DRAWING

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
- 3.
- 4.
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- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.



DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF=
OPERATING RATING FACTOR: RF=
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): (KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING
SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES

CONCRETE MASONRY SLAB — $f'_c = 4,000$ P.S.I. ALL OTHER — $f'_c = 3,500$ P.S.I.

BAR STEEL REINFORCEMENT, GRADE 60 — $f_y = 60,000$ P.S.I.

BAR STEEL REINFORCEMENT STAINLESS, GRADE 60 — $f_y = 60,000$ P.S.I.

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS ** PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED ----- LONG.

PIER TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS ** PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED ----- LONG.

** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN
IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR
OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

CURVE DATA

IH 94 EB

P.I. = 749+70.41 EB
 $\Delta = 30^\circ 38' 43.35''$
D = 0°59'47.21"
T = 1575.47'
L = 3075.46'
R = 5750.00'
S.E. = 3.8%
P.C. = 733+94.94 EB
P.T. = 764+99.23 EB

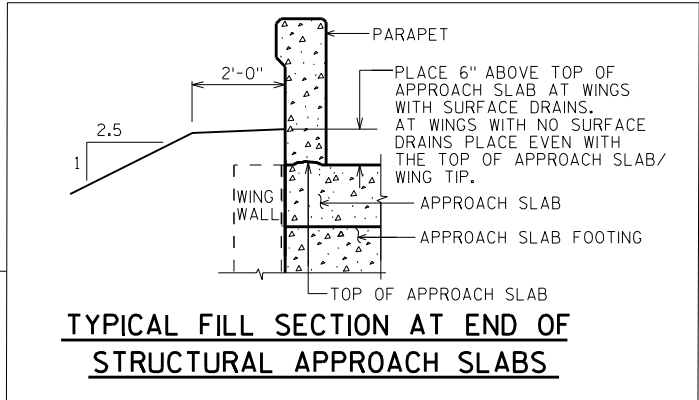
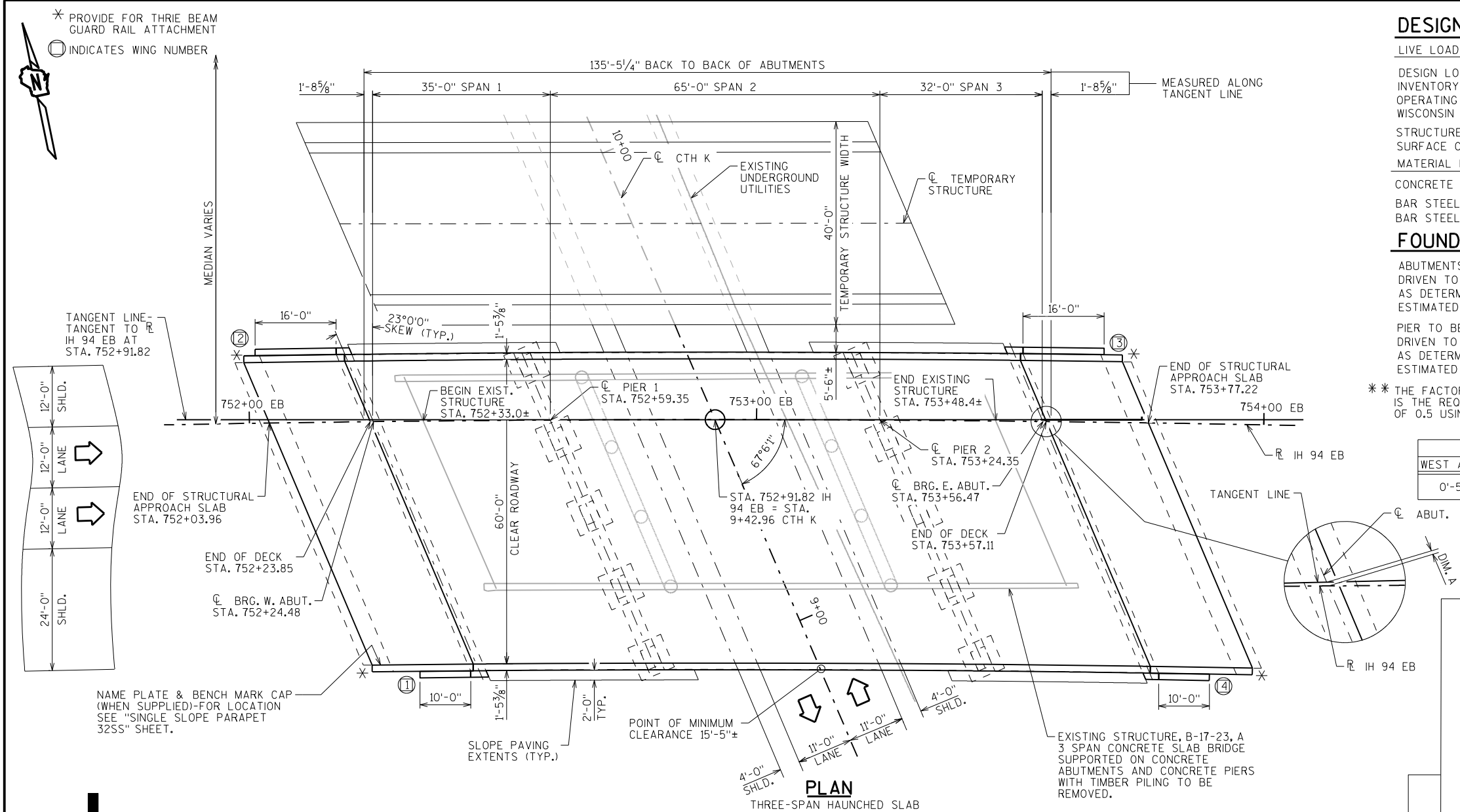
TRAFFIC VOLUME

IH 94 EB

A.D.T.=42600 (2038)
R.D.S.=75 M.P.H.

CTH K

A.D.T.=300 (2038)
R.D.S.=60 M.P.H.



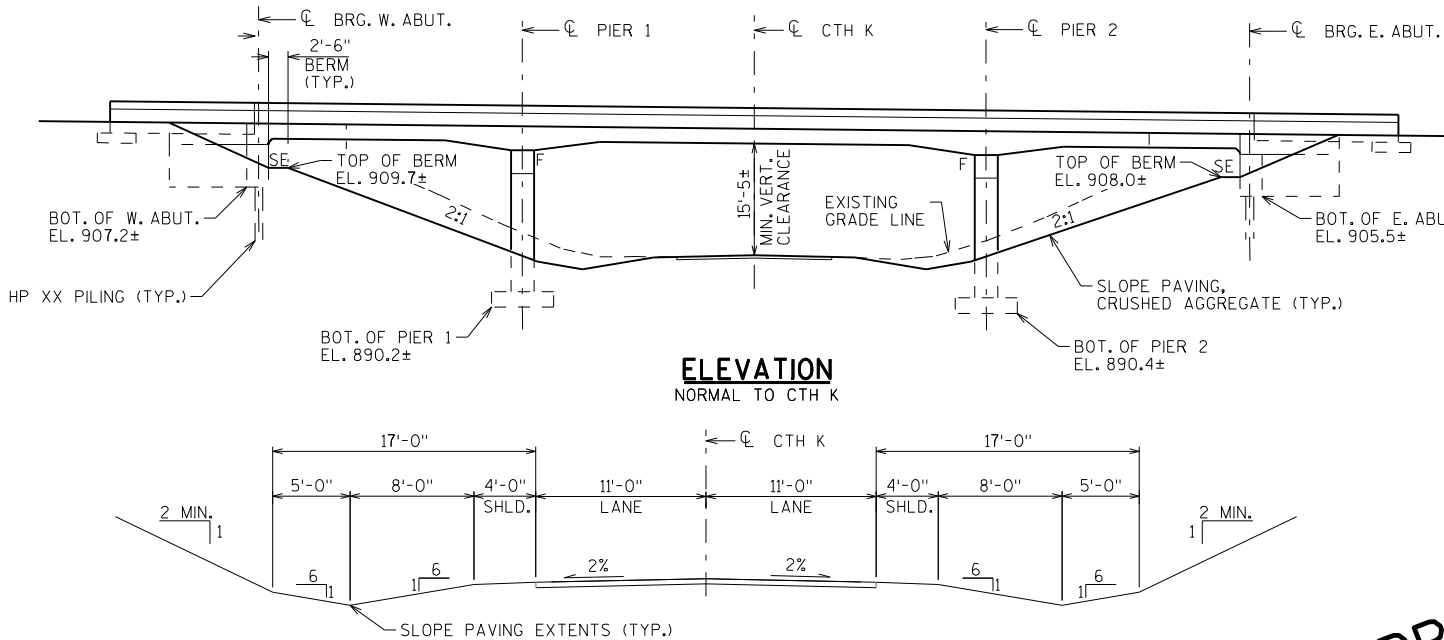
STRUCTURE DESIGN CONTACTS:

DANIEL MONROE (608) 266-8490
LAURA SHADEWALD (608) 266-9592

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES

PRELIMINARY PLAN



TYPICAL SECTION THRU CTH K

GENERAL PLAN

SHEET 1 OF 2

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL ALL EXPOSED EDGES OF CONCRETE $\frac{3}{4}$ " UNLESS NOTED OTHERWISE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL. ALSO EXCLUDED IS THE "BASE AGGREGATE DENSE 1 1/4-INCH" AS DETAILED ON THE STRUCTURAL APPROACH SLAB SHEETS.

THE GRADATION OF THE STRUCTURE BACKFILL SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.

THE QUANTITY FOR BACKFILL STRUCTURE, BID ITEM 210.0100, IS CALCULATED BASED ON THE APPLICABLE FIGURES 12.6-1 AND 12.6-2 IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION BRIDGE MANUAL.

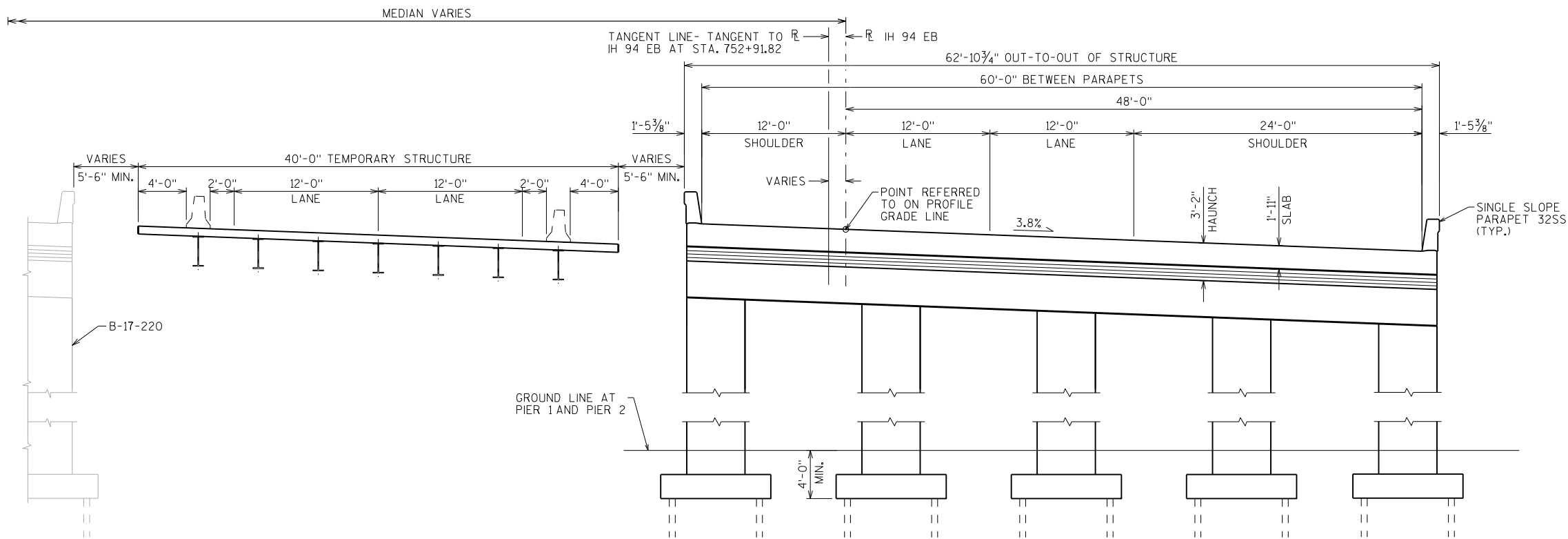
SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE, UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF DECK AND APPROACH SLAB SURFACES.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPET, INCLUDING PARAPETS ON STRUCTURAL APPROACH SLABS.

THE EXISTING GROUND LINE SHALL BE USED AS THE UPPER LIMITS OF EXCAVATION AT THE PIERS.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND IN THE ABUTMENT DETAILS.

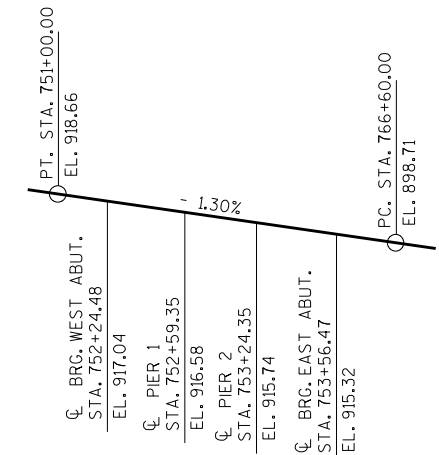


CROSS SECTION THRU ROADWAY

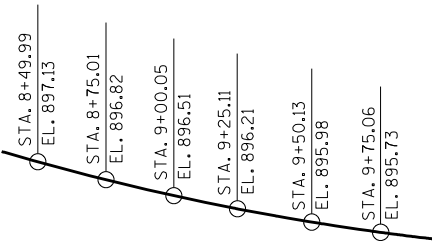
(LOOKING UPSTATION)

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST APPROACH	WEST ABUT.	PIER 1	PIER 2	EAST ABUT.	EAST APPROACH	TOTALS
203.0200	REMOVING OLD STRUCTURE STA. 752+91.82	LS	—	—	—	—	—	—	—	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-17-219	LS	—	—	—	—	—	—	—	1
210.0100	BACKFILL STRUCTURE	CY								
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON								
502.0100	CONCRETE MASONRY BRIDGES	CY								
502.3200	PROTECTIVE SURFACE TREATMENT	SY								
502.3210	PIGMENTED SURFACE SEALER	LB								
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB								
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB								
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB								
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY								
550.1100	PILING STEEL HP 10-INCH X 42 LB	LF								
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY								
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF								
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH								
	NON-BID ITEMS									
	FILLER	SIZE	—	—	—	—	—	—	—	1/2", 3/4", 1 1/2"



PROFILE GRADE LINE IH 94 EB



PROFILE GRADE LINE CTH K.

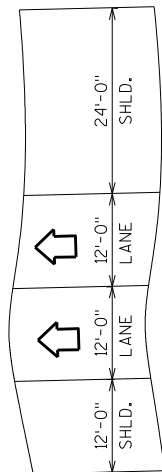
PRELIMINARY PLAN

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE B-17-219			
DRAWN BY		DLM	PLANS CK'D. DFD
CROSS SECTION & QUANTITIES			SHEET 2

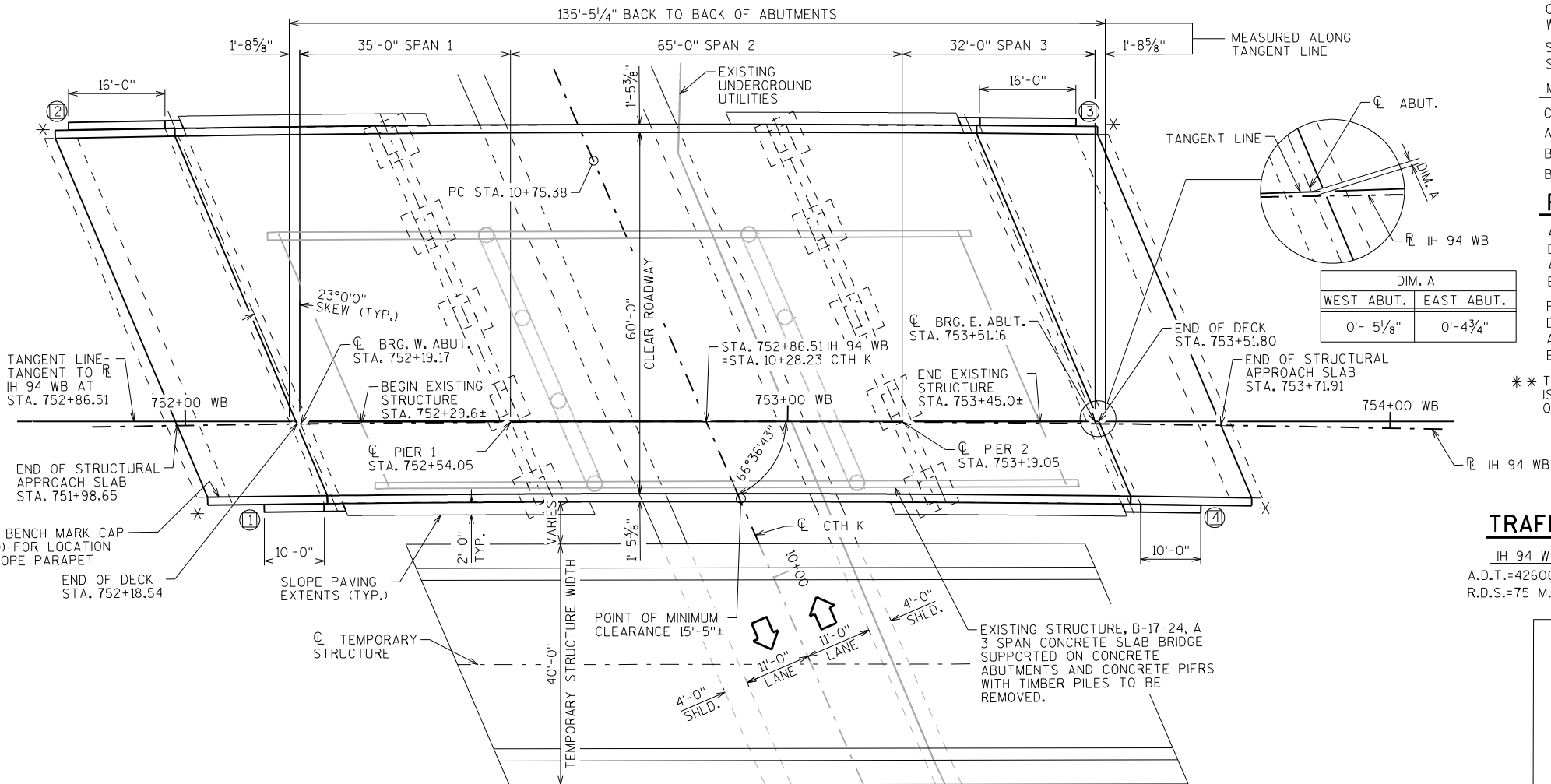


* PROVIDE FOR THREE BEAM
GUARD RAIL ATTACHMENT

⊙ INDICATES WING NUMBER

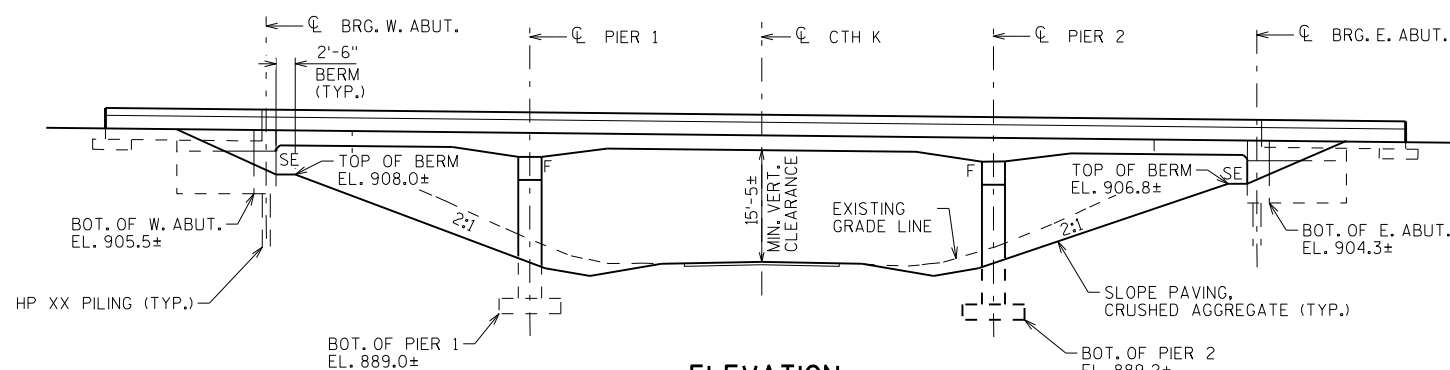
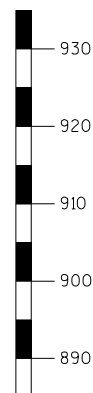


NAME PLATE & BENCH MARK CAP
(WHEN SUPPLIED)-FOR LOCATION
SEE "SINGLE SLOPE PARAPET
32SS" SHEET.



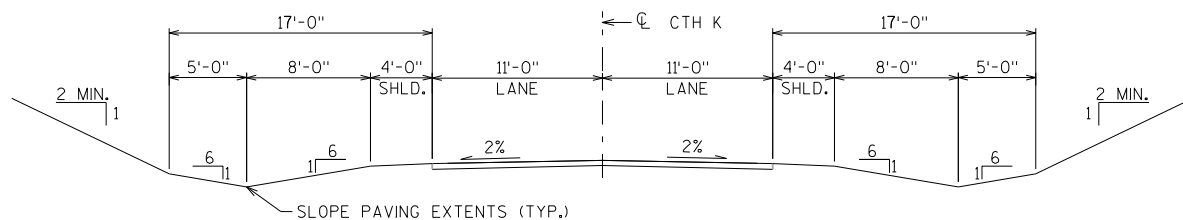
PLAN

THREE-SPAN HAUNCHED SLAB



ELEVATION

NORMAL TO CTH K



TYPICAL SECTION THRU CTH K

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF=
OPERATING RATING FACTOR: RF=
WISCONSIN STANDARD PERMIT VEHICLE (WS.-SPV): (KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING
SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES

CONCRETE MASONRY SLAB — $f'_c = 4,000$ P.S.I.

ALL OTHER — $f'_c = 3,500$ P.S.I.

BAR STEEL REINFORCEMENT, GRADE 60 — $f_y = 60,000$ P.S.I.

BAR STEEL REINFORCEMENT STAINLESS, GRADE 60 — $f_y = 60,000$ P.S.I.

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED LONG.

PIER TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED LONG.

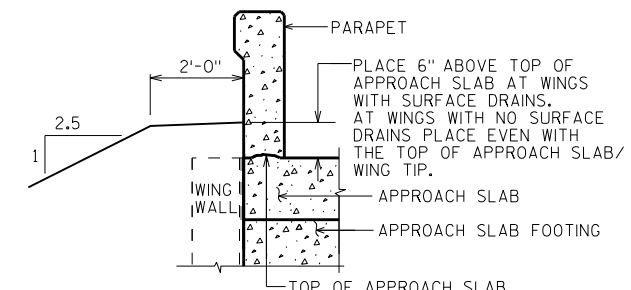
** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN
IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR
OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

CURVE DATA

CTH K	IH 94 WB
P.I. = 12+22.59	P.I. = 749+17.39 WB
$\Delta = 11^\circ 44' 7.88''$	$\Delta = 30^\circ 38' 43.35''$
D = 4° 0' 0"	D = 0° 59' 59.73"
T = 147.209'	T = 1569.99'
L = 293.388	L = 3064.76
R = 1432.395'	R = 5730.00'
S.E. = NORMAL CROWN	S.E. = 3.8%
P.C. = 10+75.38	P.C. = 733+47.40 WB
P.T. = 13+68.76	P.T. = 763+98.84 WB

TRAFFIC VOLUME

IH 94 WB	CTH K
A.D.T.=42600 (2038)	A.D.T.=300 (2038)
R.D.S.=75 M.P.H.	R.D.S.=60 M.P.H.



TYPICAL FILL SECTION AT END OF
STRUCTURAL APPROACH SLABS

STRUCTURE DESIGN CONTACTS:

DANIEL MONROE (608) 266-8490
LAURA SHADEWALD (608) 266-9592

LIST OF DRAWINGS

- GENERAL PLAN
- CROSS SECTION & QUANTITIES

PRELIMINARY PLAN

NO.	DATE	REVISION	BY
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER DATE			
STRUCTURE B-17-220			
IH94 WB OVER CTH K			
COUNTY	DUNN	TOWN/CITY/VILLAGE	LUCAS & MENOMONIE
DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS			
DESIGNED BY	DLM	DESIGN CK'D.	BY
DRAWN BY		DLM	PLANS CK'D.
GENERAL PLAN		SHEET 1 OF 2	

I.D. 1022-08-02D

DATE: JUNE 2016

SCALE = 1/2"

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL ALL EXPOSED EDGES OF CONCRETE $\frac{3}{4}$ " UNLESS NOTED OTHERWISE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL. ALSO EXCLUDED IS THE "BASE AGGREGATE DENSE 1 1/4-INCH" AS DETAILED ON THE STRUCTURAL APPROACH SLAB SHEETS.

THE GRADATION OF THE STRUCTURE BACKFILL SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.

THE QUANTITY FOR BACKFILL STRUCTURE, BID ITEM 210.0100, IS CALCULATED BASED ON THE APPLICABLE FIGURES 12.6-1 AND 12.6-2 IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION BRIDGE MANUAL.

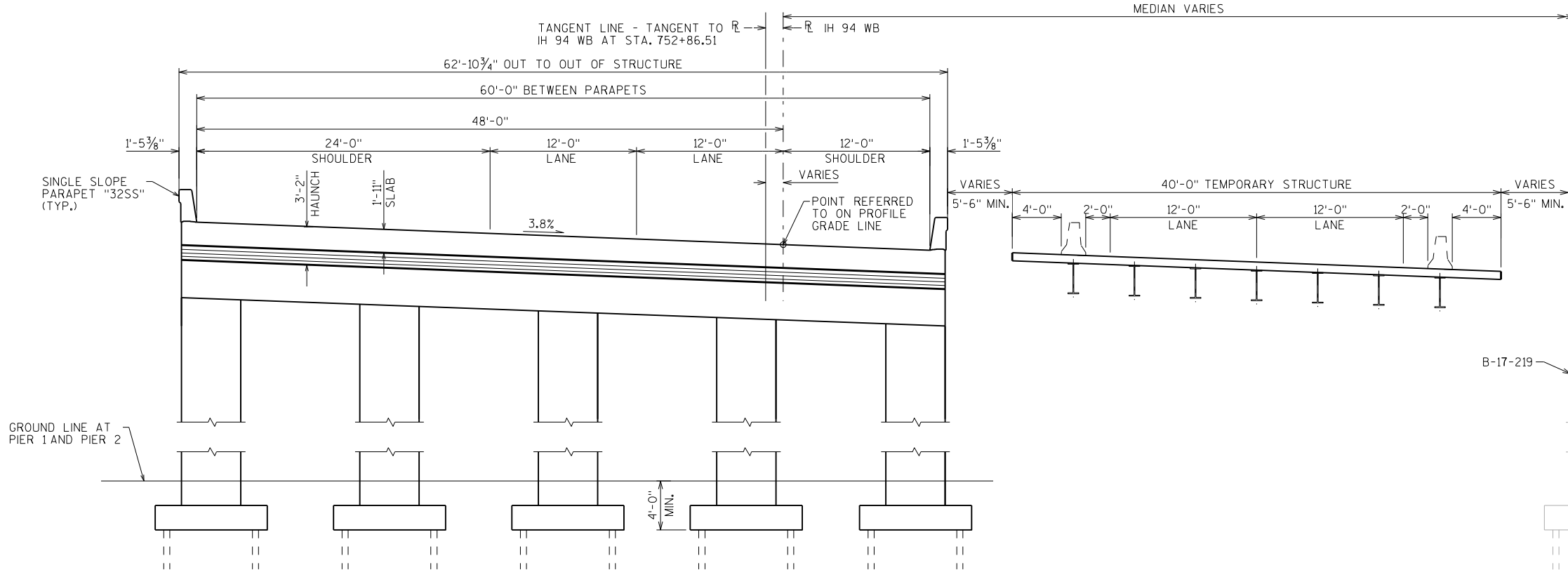
SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE, UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF DECK AND APPROACH SLAB SURFACES.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPET, INCLUDING PARAPETS ON STRUCTURAL APPROACH SLABS.

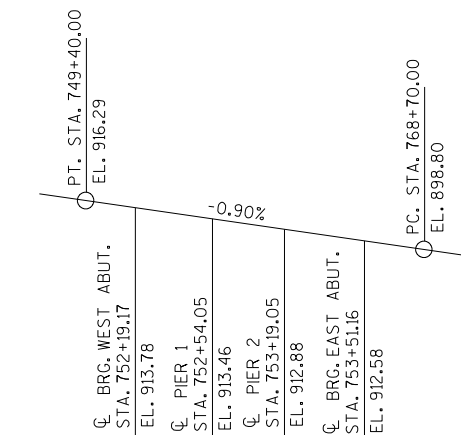
THE EXISTING GROUND LINE SHALL BE USED AS THE UPPER LIMITS OF EXCAVATION AT THE PIERS.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND IN THE ABUTMENT DETAILS.

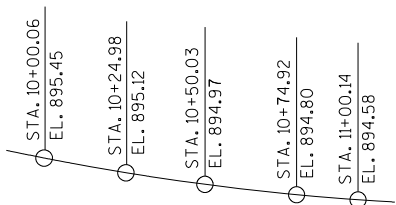
CROSS SECTION THRU ROADWAY
(LOOKING UPSTATION)

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST APPROACH	WEST ABUT.	PIER 1	PIER 2	EAST ABUT.	EAST APPROACH	TOTALS
203.0200	REMOVING OLD STRUCTURE STA. 752+86.51	LS	—	—	—	—	—	—	—	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-17-220	LS	—	—	—	—	—	—	—	1
210.0100	BACKFILL STRUCTURE	CY								
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON								
502.0100	CONCRETE MASONRY BRIDGES	CY								
502.3200	PROTECTIVE SURFACE TREATMENT	SY								
502.3210	PIGMENTED SURFACE SEALER	LB								
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB								
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB								
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB								
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY								
526.0100	TEMPORARY STRUCTURE STA. 753+03.93 WB	EA								
550.1100	PIILING STEEL HP 10-INCH X 42 LB	LF								
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY								
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF								
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH								
	NON-BID ITEMS									
	FILLER	SIZE	—	—	—	—	—	—	—	1/2", 3/4", 1 1/2"



PROFILE GRADE LINE IH 94 WB



PROFILE GRADE LINE CTH K.

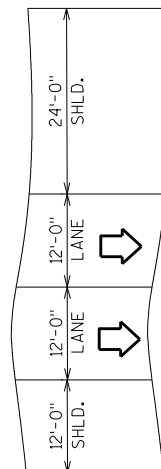
PRELIMINARY PLAN

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE B-17-220			
DRAWN BY		DLM	PLANS CK'D. DFD
CROSS SECTION & QUANTITIES			SHEET 2

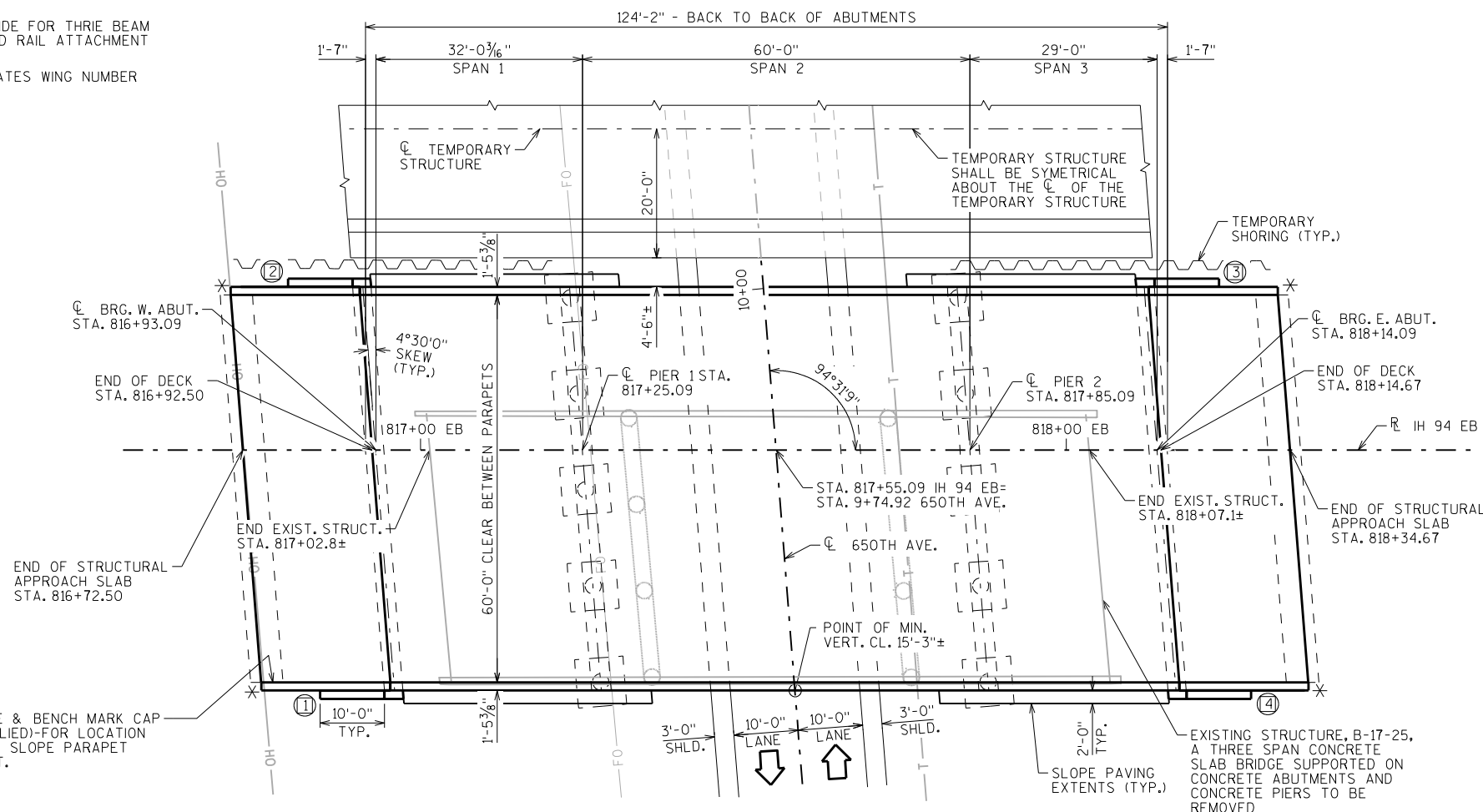


* PROVIDE FOR THREE BEAM
GUARD RAIL ATTACHMENT

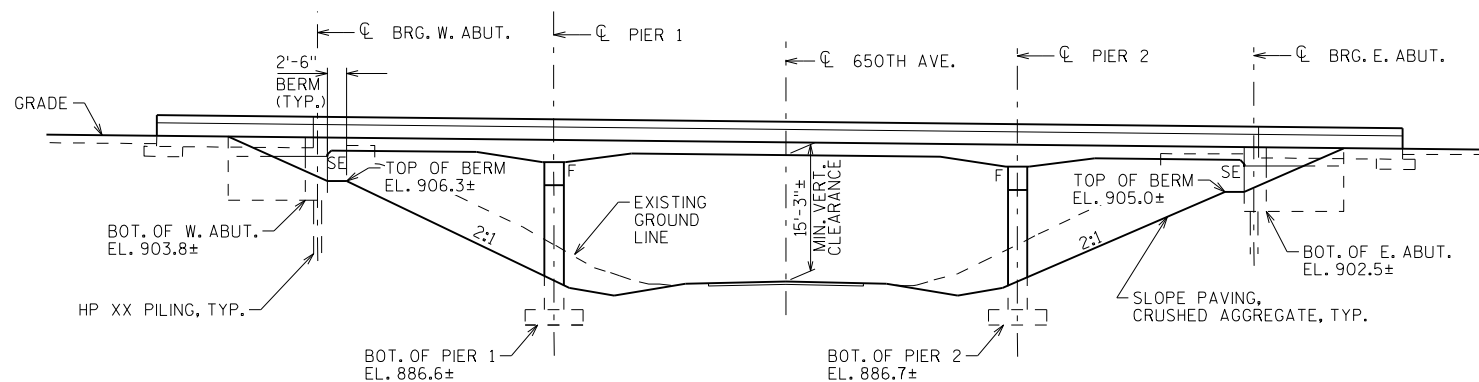
Ⓢ INDICATES WING NUMBER



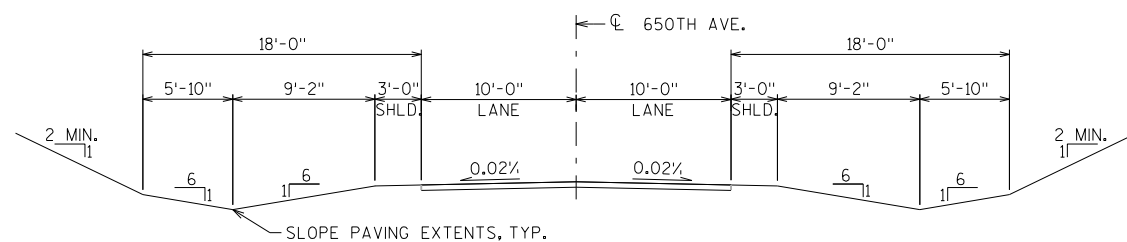
NAME PLATE & BENCH MARK CAP
(WHEN SUPPLIED) FOR LOCATION
SEE "SINGLE SLOPE PARAPET
32SS" SHEET.



PLAN
THREE-SPAN HAUNCHED SLAB



ELEVATION



TYPICAL SECTION THRU 650TH AVE.

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF=
OPERATING RATING FACTOR: RF=
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): (KIPS)
STRUCTURE IS DESIGNED FOR A FUTURE WEARING
SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES

CONCRETE MASONRY SLAB — $f'_c = 4,000$ P.S.I. ALL OTHER — $f'_c = 3,500$ P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 — $f_y = 60,000$ P.S.I.
BAR STEEL REINFORCEMENT STAINLESS, GRADE 60 — $f_y = 60,000$ P.S.I.

FOUNDATION DATA

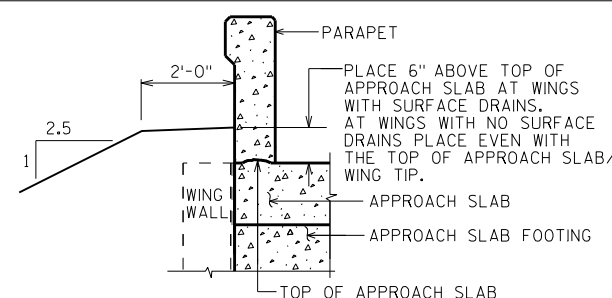
ABUTMENTS TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS ** PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED LONG.

PIER TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS ** PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED LONG.

** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN
IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR
OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC VOLUME

IH 94 WB 650TH AVE.
A.D.T.=42,600 (2038) A.D.T.=90 (2038)
R.D.S.=75 M.P.H. R.D.S.=60 M.P.H.



TYPICAL FILL SECTION AT END OF
STRUCTURAL APPROACH SLABS

STRUCTURE DESIGN CONTACTS:

DANIEL MONROE (608) 266-8490
LAURA SHADEWALD (608) 267-9592

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES

PRELIMINARY PLAN

NO.	DATE	REVISION	BY
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER DATE			
STRUCTURE B-17-221			
IH 94 EB OVER 650TH AVENUE			
COUNTY	DUNN	TOWN/CITY/VILLAGE	MENOMONIE
DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS			
DESIGNED BY	DLM	DESIGN CKD. DFD	DRAWN BY DLM
GENERAL PLAN			SHEET 1 OF 2

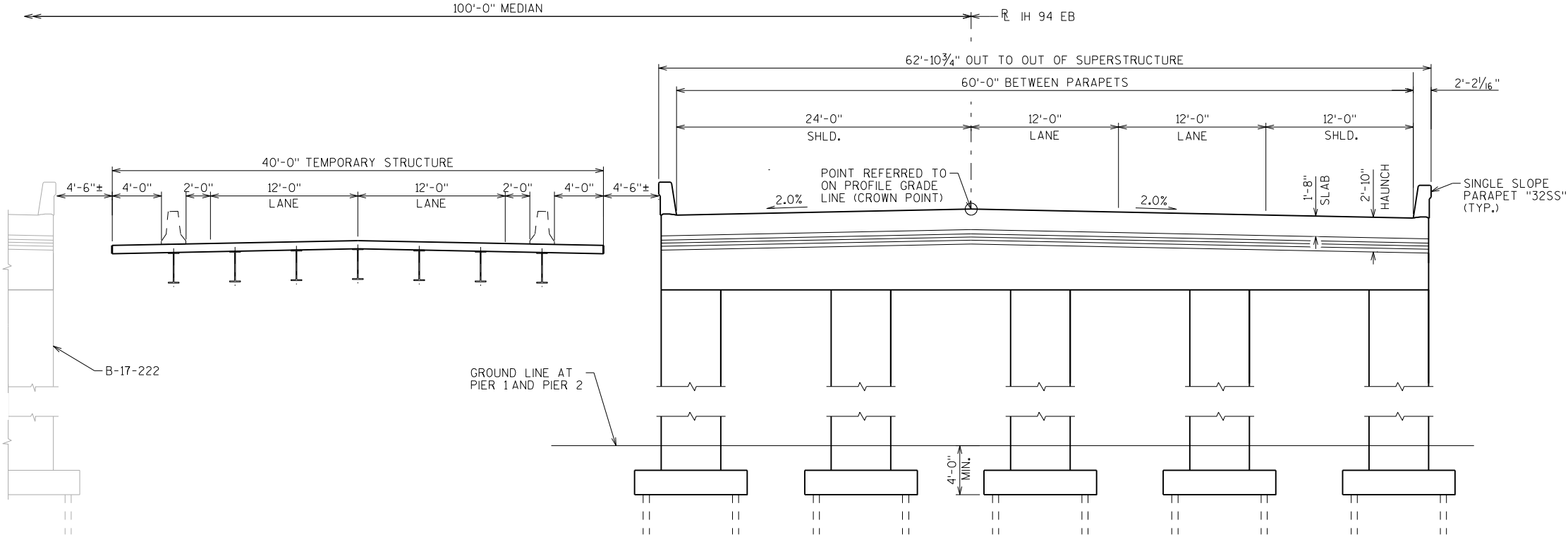
I.D. 1022-08-02E

DATE: MAY 2016

SCALE = 1/2"

GENERAL NOTES

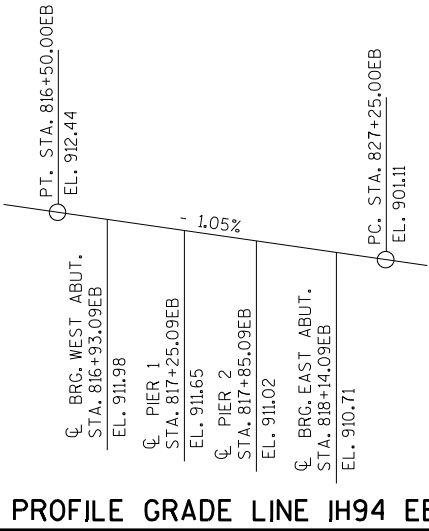
- DRAWINGS SHALL NOT BE SCALED.
- BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
- THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
- BEVEL ALL EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED OTHERWISE.
- AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL. ALSO EXCLUDED IS THE "BASE AGGREGATE DENSE 1 1/4-INCH" AS DETAILED ON THE STRUCTURAL APPROACH SLAB SHEETS.
- THE GRADATION OF THE STRUCTURE BACKFILL SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.
- THE QUANTITY FOR BACKFILL STRUCTURE, BID ITEM 210.0100, IS CALCULATED BASED ON THE APPLICABLE FIGURES 12.6-1 AND 12.6-2 IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION BRIDGE MANUAL.
- SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE, UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.
- PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF DECK AND APPROACH SLAB SURFACES.
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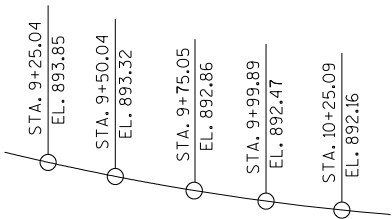
CROSS SECTION THRU ROADWAY
(LOOKING UPSTATION)

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST APPROACH	WEST ABUT.	PIER 1	PIER 2	EAST ABUT.	EAST APPROACH	TOTALS
203.0200	REMOVING OLD STRUCTURE STA. 817+01.24EB	LS	—	—	—	—	—	—	—	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-17-221	LS	—	—	—	—	—	—	—	1
210.0100	BACKFILL STRUCTURE	CY								
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON								
502.0100	CONCRETE MASONRY BRIDGES	CY								
502.3200	PROTECTIVE SURFACE TREATMENT	SY								
502.3210	PIGMENTED SURFACE SEALER	LB								
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB								
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB								
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB								
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY								
550.1100	PILING STEEL HP 10-INCH X 42 LB	LF								
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY								
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF								
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH								
	NON-BID ITEMS									
	FILLER	SIZE	—	—	—	—	—	—	—	1/2", 3/4", 1 1/2"



PROFILE GRADE LINE IH94 EB

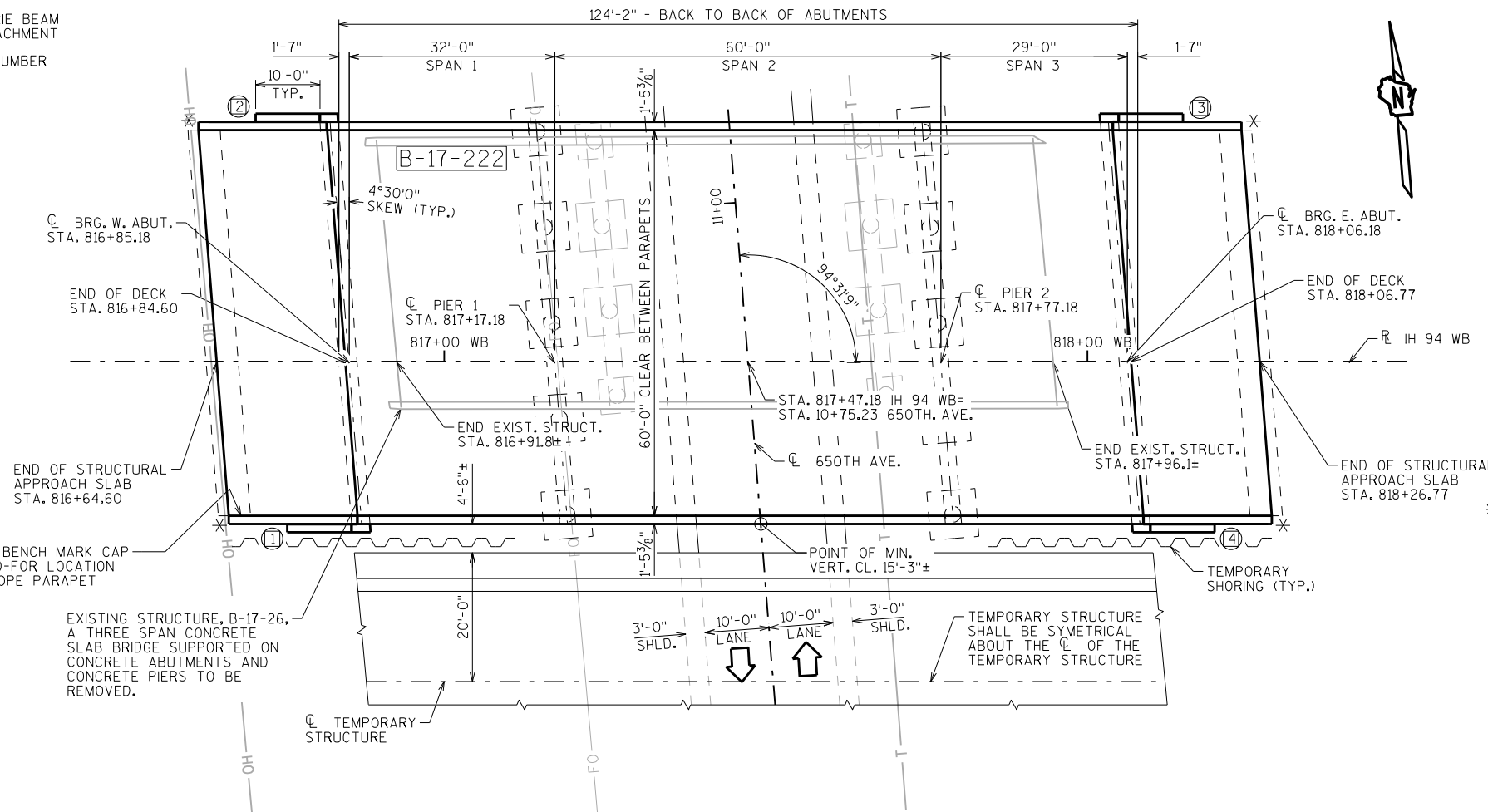
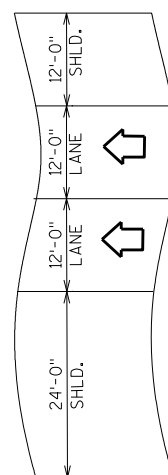


PROFILE GRADE LINE 650TH AVE.

PRELIMINARY PLAN

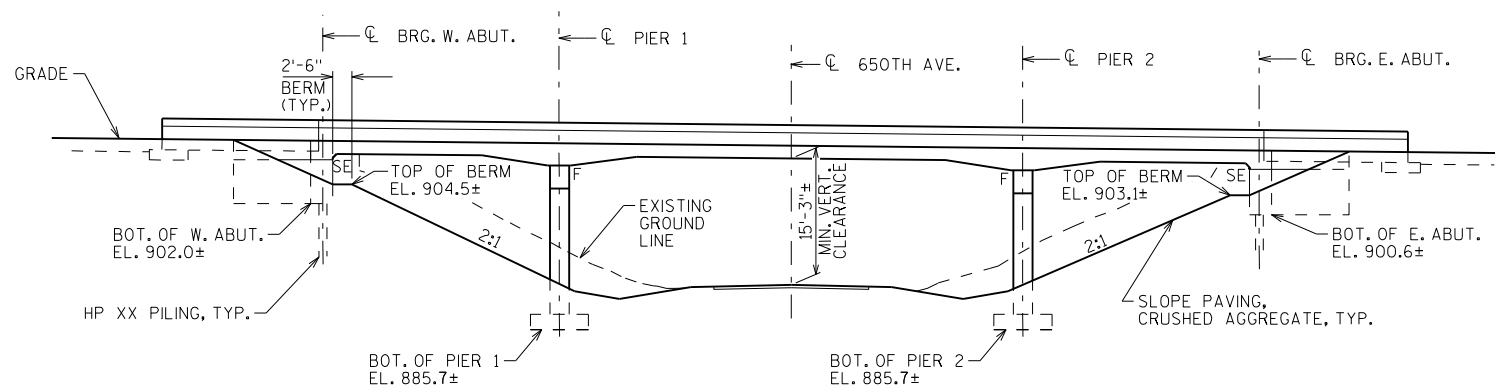
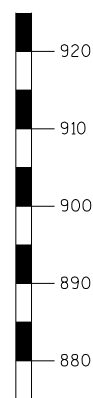
NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE B-17-221			
DRAWN BY		DLM	PLANS CK'D. DFD
CROSS SECTION & QUANTITIES			SHEET 2

* PROVIDE FOR THREE BEAM
GUARD RAIL ATTACHMENT
① INDICATES WING NUMBER

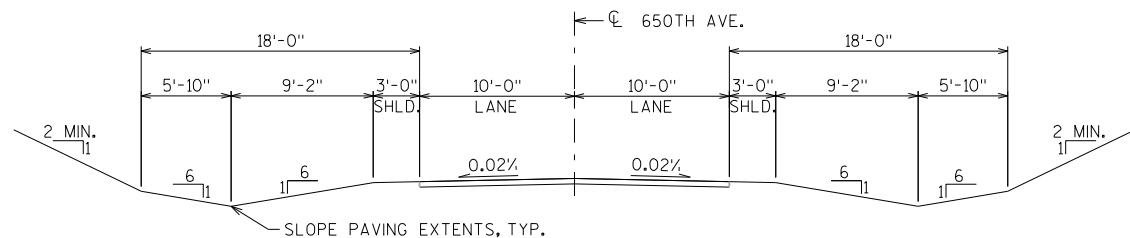


PLAN

THREE-SPAN HAUNCHED SLAB



ELEVATION



TYPICAL SECTION THRU 650TH AVE.

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF=
OPERATING RATING FACTOR: RF=
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): (KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING
SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES

CONCRETE MASONRY SLAB — $f'_c = 4,000$ P.S.I. ALL OTHER — $f'_c = 3,500$ P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 — $f_y = 60,000$ P.S.I.
BAR STEEL REINFORCEMENT STAINLESS, GRADE 60 — $f_y = 60,000$ P.S.I.

FOUNDATION DATA

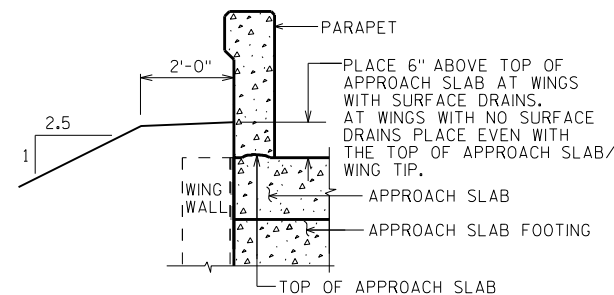
ABUTMENTS TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS ** PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED ----- LONG.

PIER TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS ** PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED ----- LONG.

** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN
IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR
OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC VOLUME

IH 94 WB 650TH AVE.
A.D.T.=42,600 (2038) A.D.T.=90 (2038)
R.D.S.=75 M.P.H. R.D.S.=60 M.P.H.

TYPICAL FILL SECTION AT END OF
STRUCTURAL APPROACH SLABS

STRUCTURE DESIGN CONTACTS:

DANIEL MONROE (608) 266-8490
LAURA SHADEWALD (608) 267-9592

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES

NO.	DATE	REVISION	BY
Plans Prepared By WISDOT BUREAU OF STRUCTURES			
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE _____			
STRUCTURE B-17-222			
IH 94 WB OVER 650TH AVENUE			
COUNTY	DUNN	TOWN/CITY/VILLAGE	MENOMONIE
DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS			
DESIGNED BY	DLM	DESIGN CKD.	DFD
DRAWN BY	DLM	PLANS CKD.	DFD
GENERAL PLAN			SHEET 1 OF 2

PRELIMINARY PLAN

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL ALL EXPOSED EDGES OF CONCRETE $\frac{3}{4}$ " UNLESS NOTED OTHERWISE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL. ALSO EXCLUDED IS THE "BASE AGGREGATE DENSE 1 1/4-INCH" AS DETAILED ON THE STRUCTURAL APPROACH SLAB SHEETS.

THE GRADATION OF THE STRUCTURE BACKFILL SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.

THE QUANTITY FOR BACKFILL STRUCTURE, BID ITEM 210.0100, IS CALCULATED BASED ON THE APPLICABLE FIGURES 12.6-1 AND 12.6-2 IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION BRIDGE MANUAL.

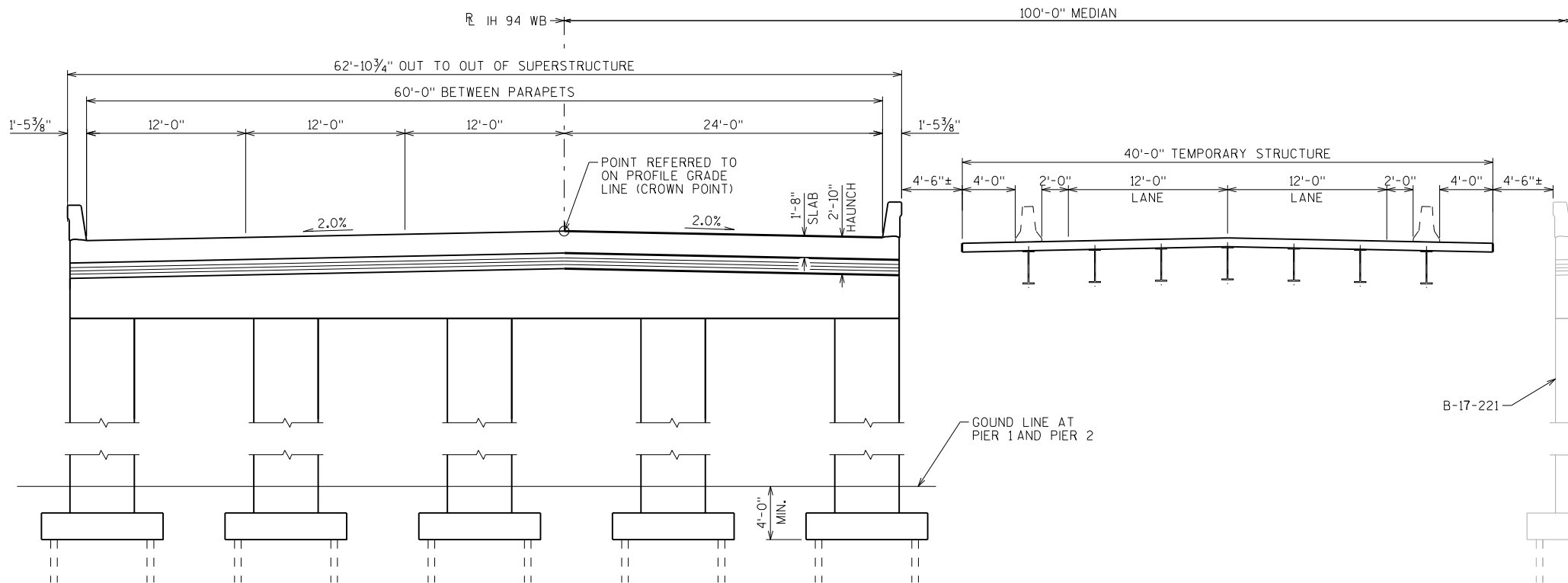
SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE, UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF DECK AND APPROACH SLAB SURFACES.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPET, INCLUDING PARAPETS ON STRUCTURAL APPROACH SLABS.

THE EXISTING GROUND LINE SHALL BE USED AS THE UPPER LIMITS OF EXCAVATION AT THE PIERS.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND IN THE ABUTMENT DETAILS.

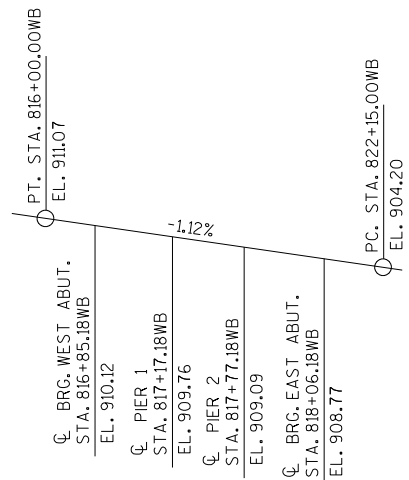


CROSS SECTION THRU ROADWAY

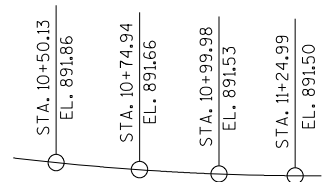
(LOOKING UPSTATION)

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST APPROACH	WEST ABUT.	PIER 1	PIER 2	EAST ABUT.	EAST APPROACH	TOTALS
203.0200	REMOVING OLD STRUCTURE STA. 816+91.59WB	LS	—	—	—	—	—	—	—	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-17-222	LS	—	—	—	—	—	—	—	1
210.0100	BACKFILL STRUCTURE	CY								
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON								
502.0100	CONCRETE MASONRY BRIDGES	CY								
502.3200	PROTECTIVE SURFACE TREATMENT	SY								
502.3210	PIGMENTED SURFACE SEALER	LB								
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB								
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB								
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB								
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY								
526.0100	TEMPORARY STRUCTURE STA. 817+47.18 WB	LS								
550.1100	PILING STEEL HP 10-INCH X 42 LB	LF								
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY								
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF								
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH								
	NON-BID ITEMS									
	FILLER	SIZE	—	—	—	—	—	—	—	1/2", 3/4", 1 1/2"



PROFILE GRADE LINE IH94 WB



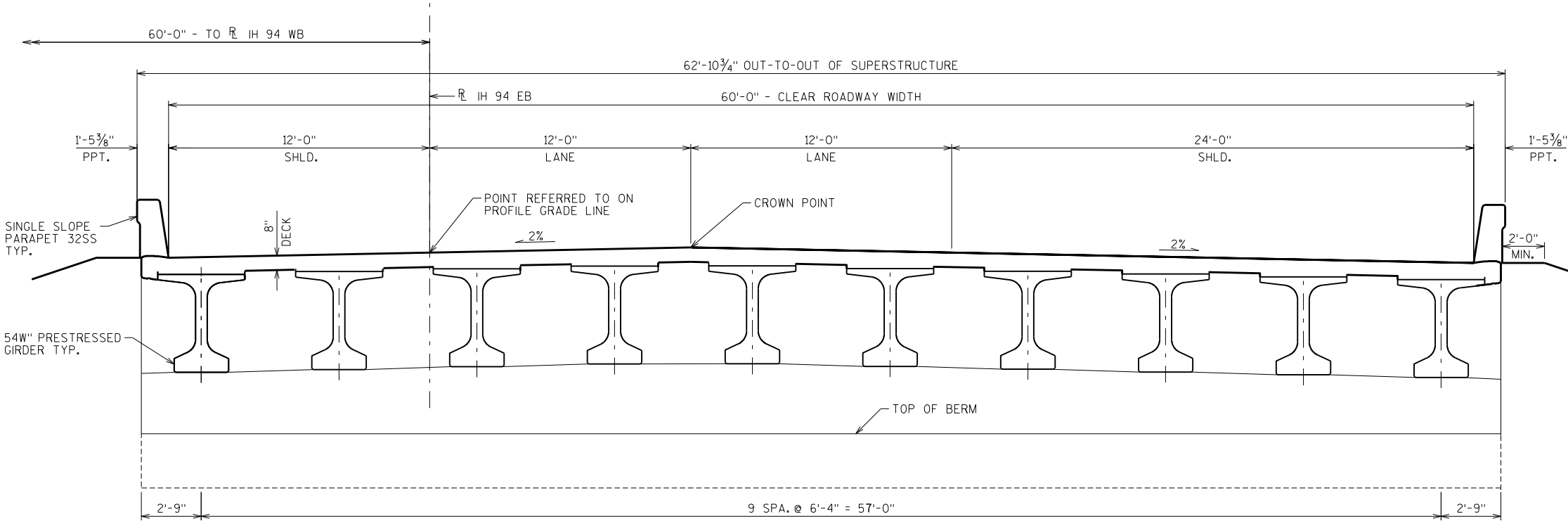
PROFILE GRADE LINE 650TH AVE.

PRELIMINARY PLAN

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE B-17-222			
DRAWN BY		DLM	PLANS CK'D. DFD
CROSS SECTION & QUANTITIES			SHEET 2

GENERAL NOTES

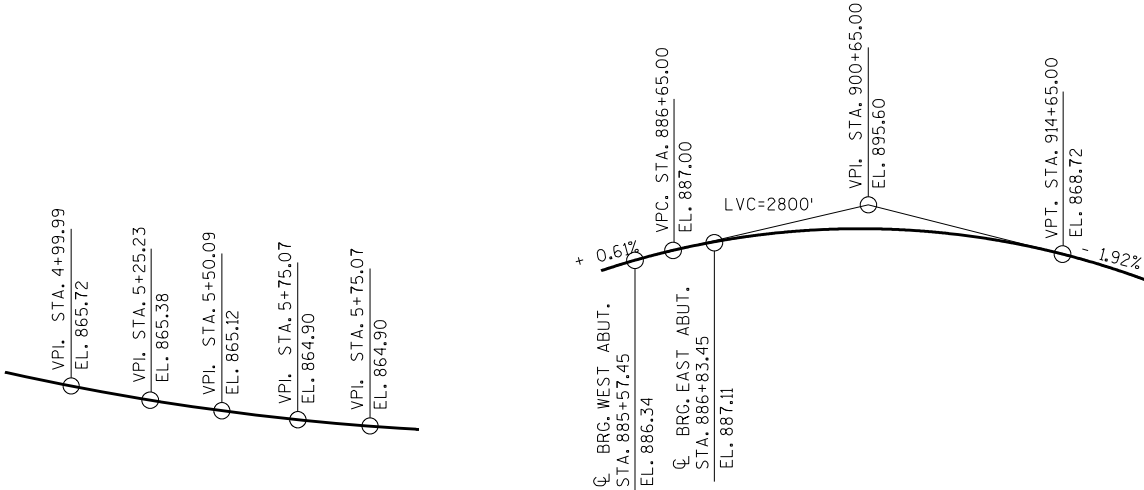
- DRAWINGS SHALL NOT BE SCALED.
- BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
- THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
- AT THE BACKFACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.
- ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.
- CONCRETE FOR ABUTMENT AND PIER DIAPHRAGMS SHALL BE PLACED WITH THE DECK CONCRETE, NO OPTIONAL CONSTRUCTION JOINT WILL BE PERMITTED.
- THE GRADATION OF THE STRUCTURE BACKFILL SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.
- PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF DECK SURFACE AND TOP OF APPROACH SLAB SURFACE.
- PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF PARAPETS, INCLUDING PARAPETS ON APPROACH SLABS.
- THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN SHEET 1 AND IN THE ABUTMENT DETAILS.



CROSS SECTION THRU ROADWAY
(LOOKING EAST)

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST APPROACH	WEST ABUT.	EAST ABUT.	EAST APPROACH	TOTALS
203.0200	REMOVING OLD STRUCTURE STA. 885+61.71 EB	LS	---	---	---	---	---	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-17-223	LS	---	---	---	---	---	1
210.0100	BACKFILL STRUCTURE	CY						
305.0100	BASE AGGREGATE DENSE 1 1/4"	TONS						
502.0100	CONCRETE MASONRY BRIDGES	CY						
502.3200	PROTECTIVE SURFACE TREATMENT	SY						
502.3210	PIGMENTED SURFACE SEALER	SY						
503.0155	PRESTRESSED GIRDER TYPE 154W-INCH	LF						
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB						
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB						
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB						
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH						
506.4000	STEEL DIAPHRAGMS B-17-223	EACH						
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY						
526.0100	TEMPORARY STRUCTURE STA. 886+20.05	LS						1
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY						
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF						
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH						
	NON-BID ITEMS							
	FILLER	SIZE	---	---	---	---	---	1/2", 3/4", 1 1/2"



PROFILE GRADE LINE 390TH ST.

PROFILE GRADE LINE IH 94 EB

PRELIMINARY PLAN

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE B-17-223			
	DRAWN BY	DLM	PLANS CK'D. BLB
CROSS SECTION & QUANTITIES			SHEET 2

 INDICATES WING NUMBER

LIVE LOAD:

DESIGN LOADING; HL-93
INVENTORY RATING FACTOR: RF=
OPERATING RATING FACTOR: RF=
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): (KIPS)
STRUCTURE IS DESIGNED FOR A FUTURE WEARING
SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES

CONCRETE MASONRY SLAB — $f'_c = 4,000$ P.S.I. ALL OTHER — $f'_c = 3,500$ P.S.I.
 BAR STEEL REINFORCEMENT, GRADE 60 — $f_y = 60,000$ P.S.I.
 BAR STEEL REINFORCEMENT STAINLESS, GRADE 60 — $f_y = 60,000$ P.S.I.
 54W" PRESTRESSED GIRDERS, CONCRETE MASONRY — $f'_c =$ P.S.I.
 STRANDS - 0.6" DIA. WITH ULTIMATE TENSILE STRENGTH OF 270,000 P.S.I.

FOUNDATION DATA

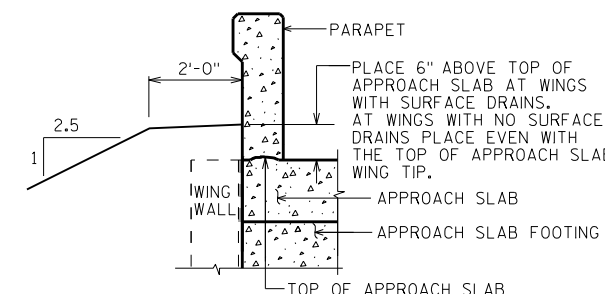
ABUTMENTS TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS * * PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED ----- LONG.

PIER TO BE SUPPORTED ON PILING
DRIVEN TO A REQUIRED DRIVING RESISTANCE OF TONS ** PER PILE
AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED ----- LONG.

** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN
 IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR
 OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC VOLUME

<u>IH 94 WB</u>	<u>390TH ST.</u>
A.D.T.=42600 (2038)	A.D.T.=650 (2038)
R.D.S.=75 M.P.H.	R.D.S.=60 M.P.H.



TYPICAL FILL SECTION AT END OF
STRUCTURAL APPROACH SLABS

STRUCTURE DESIGN CONTACTS:

DANIEL MONROE (608) 266-8490
LAURA SHADEWALD (608) 266-9592

NO.	DATE	REVISION	BY
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Plans
Prepared By **WISDOT**
BUREAU OF STRUCTURES

ACCEPTED _____
CHIEF STRUCTURES DESIGN ENGINEER DATE _____

STRUCTURE B-17-224

IH 94 WB OVER 390TH ST.

COUNTY	DUNN	TOWN/CITY/VILLAGE	MENOMON
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DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY DLM	DESIGN CK'D.	DRAWN BY DLM	PLANS CK'D.	BLUE
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	SHEET 1 OF
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GENERAL PLAN	
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LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES

PRELIMINARY PLAN

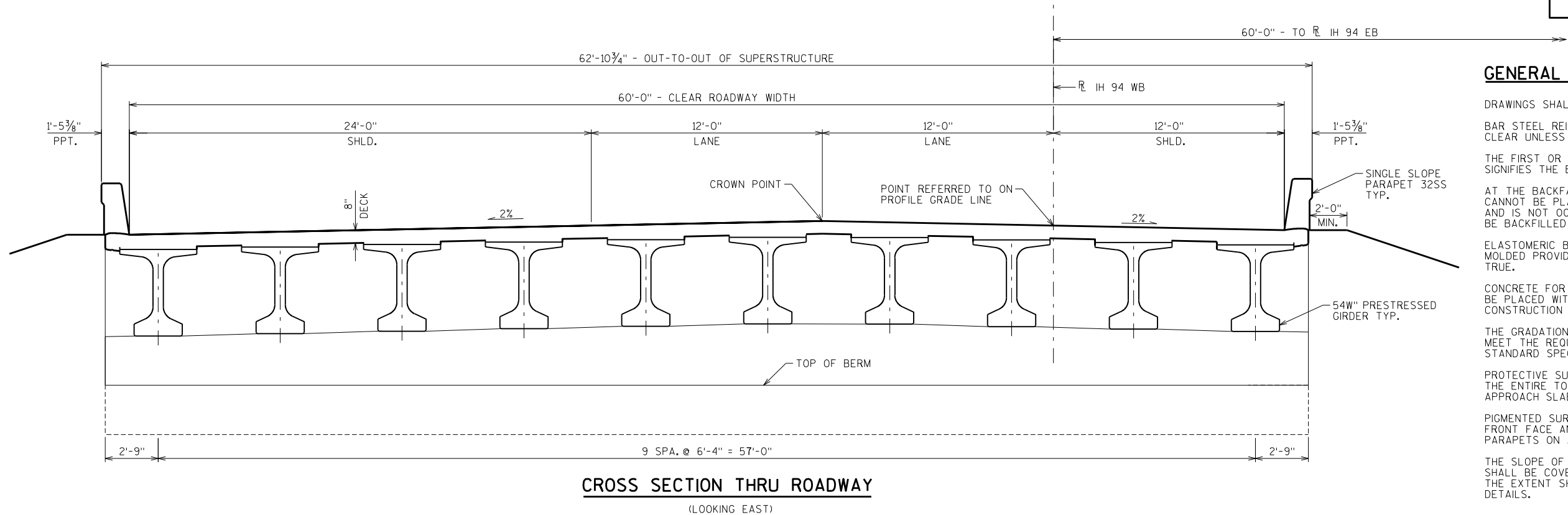
SCALE = 12

8

8

1022-08-02H

DATE: MAY 2016

**GENERAL NOTES**

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

AT THE BACKFACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

CONCRETE FOR ABUTMENT AND PIER DIAPHRAGMS SHALL BE PLACED WITH THE DECK CONCRETE, NO OPTIONAL CONSTRUCTION JOINT WILL BE PERMITTED.

THE GRADATION OF THE STRUCTURE BACKFILL SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.

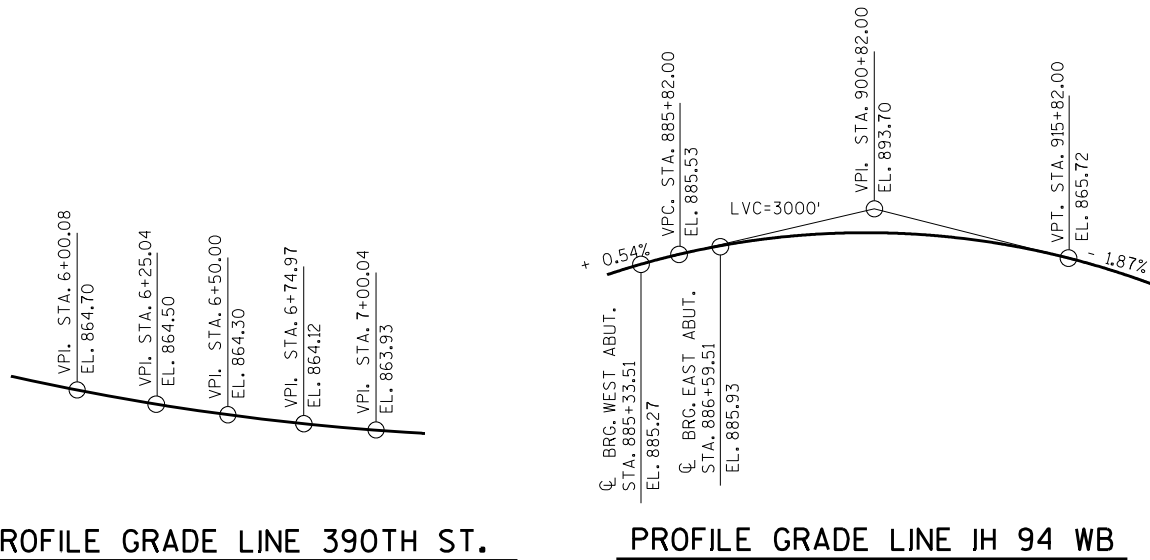
PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF DECK SURFACE AND TOP OF APPROACH SLAB SURFACE.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF PARAPETS, INCLUDING PARAPETS ON APPROACH SLABS.

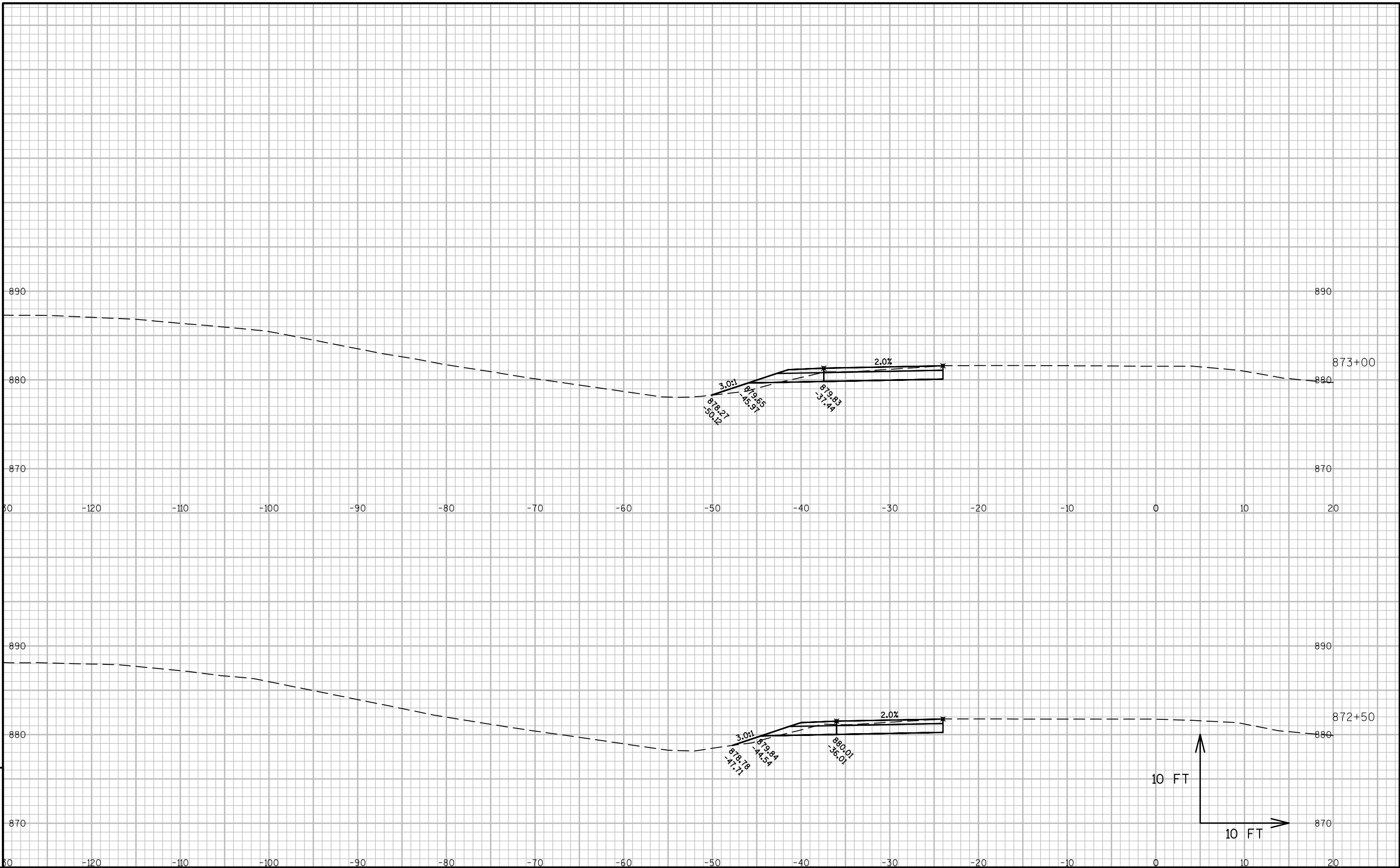
THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN SHEET 1 AND IN THE ABUTMENT DETAILS.

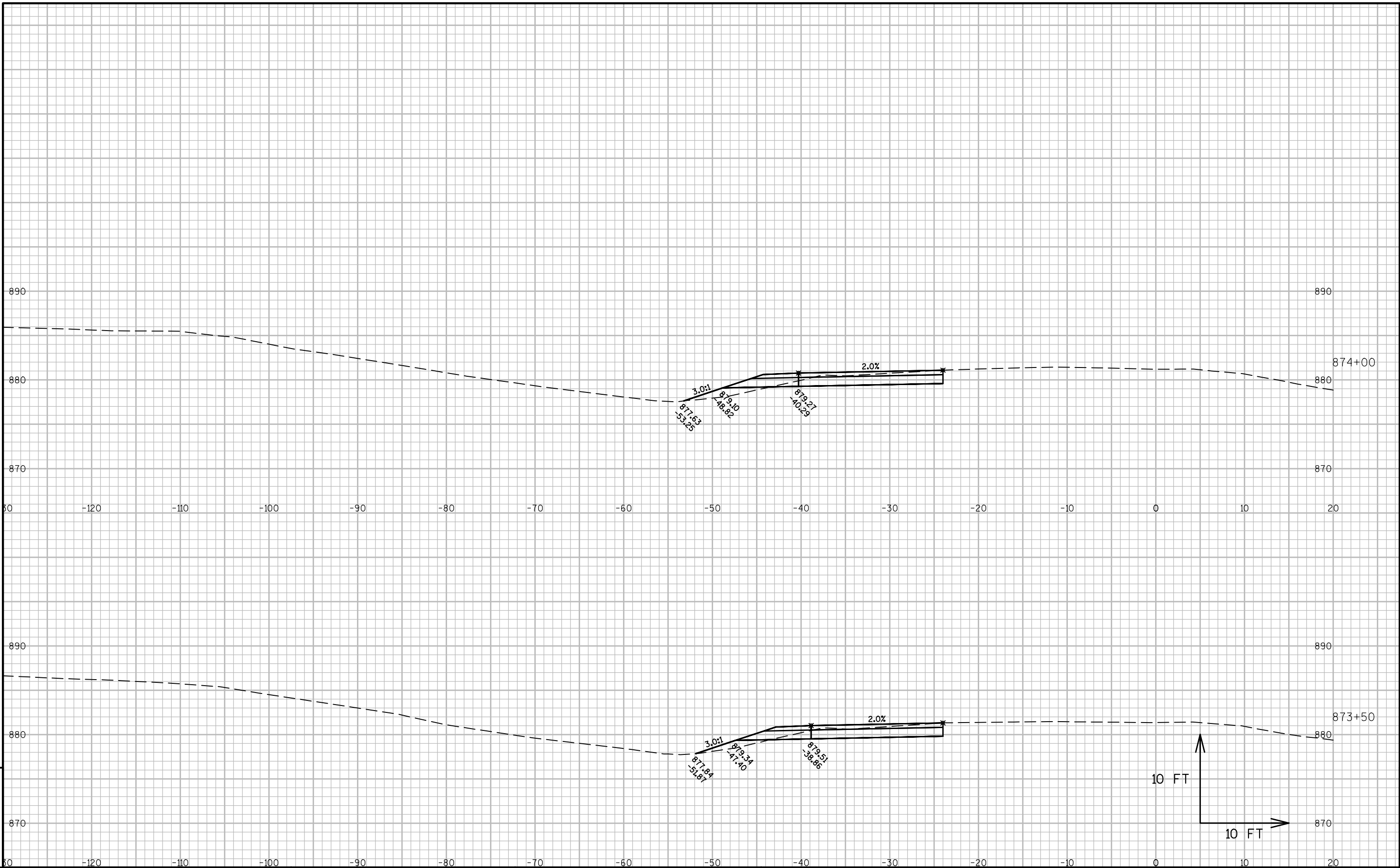
TOTAL ESTIMATED QUANTITIES

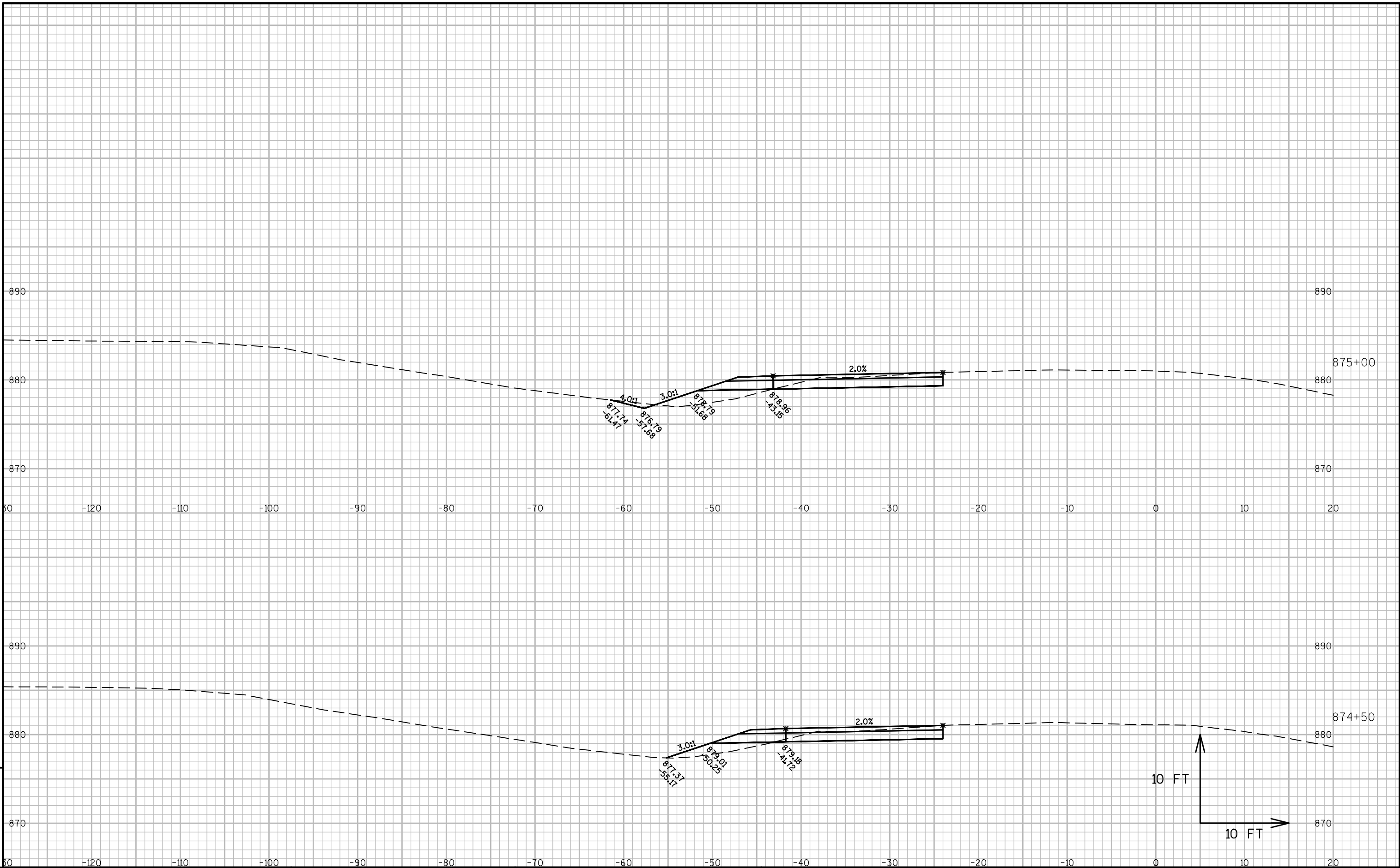
BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST APPROACH	WEST ABUT.	EAST ABUT.	EAST APPROACH	TOTALS
203.0200	REMOVING OLD STRUCTURE STA. 885+37.93 WB	LS	—	—	—	—	—	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-17-224	LS	—	—	—	—	—	1
210.0100	BACKFILL STRUCTURE	CY						
305.0100	BASE AGGREGATE DENSE 1 1/4"	TONS						
502.0100	CONCRETE MASONRY BRIDGES	CY						
502.3200	PROTECTIVE SURFACE TREATMENT	SY						
502.3210	PIGMENTED SURFACE SEALER	SY						
503.0155	PRESTRESSED GIRDER TYPE 154W-INCH	LF						
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB						
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB						
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB						
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH						
506.4000	STEEL DIAPHRAGMS B-17-224	EACH						
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY						
604.0500	SLOPE PAVING CRUSHED AGGREGATE	SY						
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF						
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH						
	NON-BID ITEMS							
	FILLER	SIZE	—	—	—	—	—	1/2", 3/4", 1 1/2"

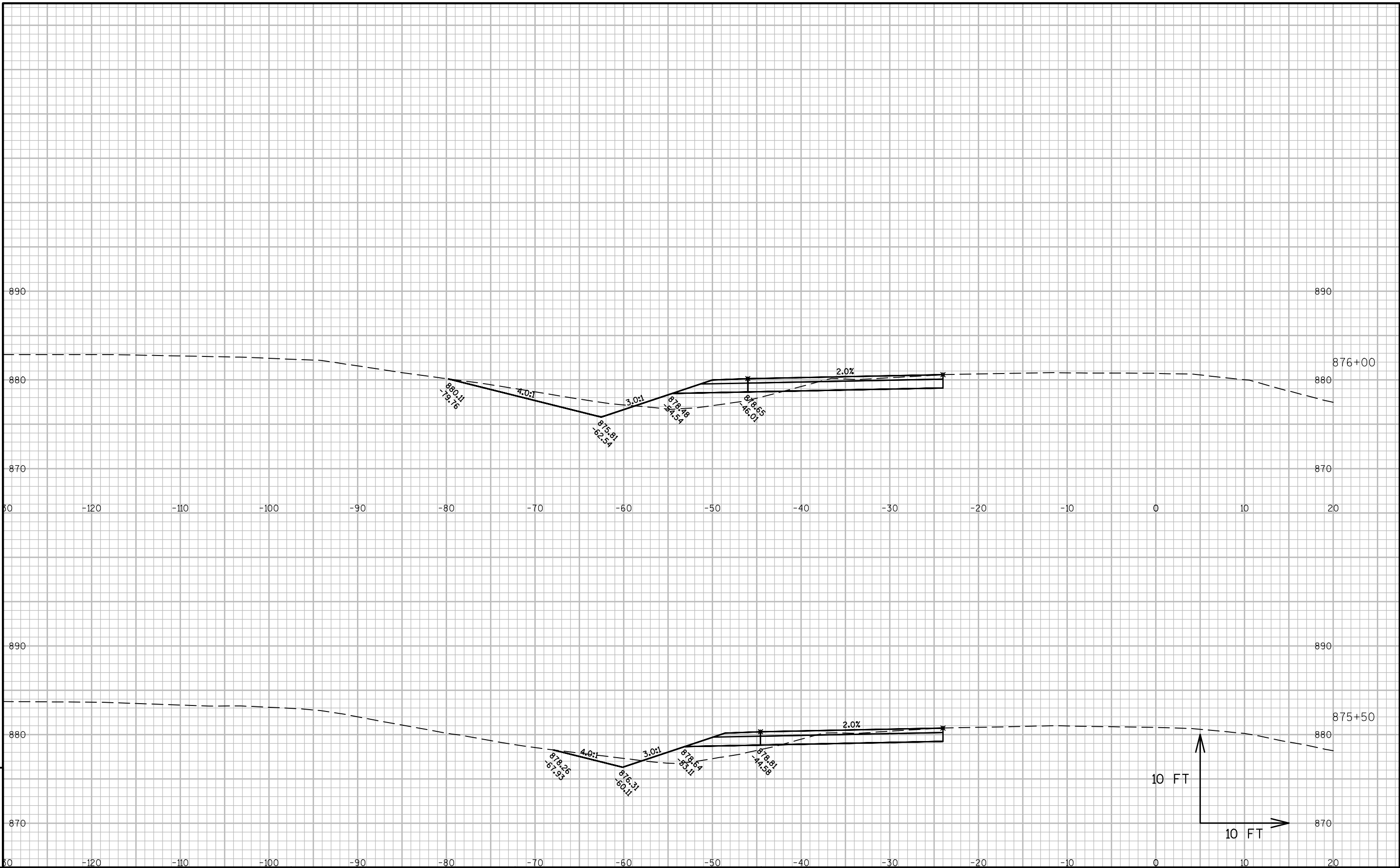
**PRELIMINARY PLAN**

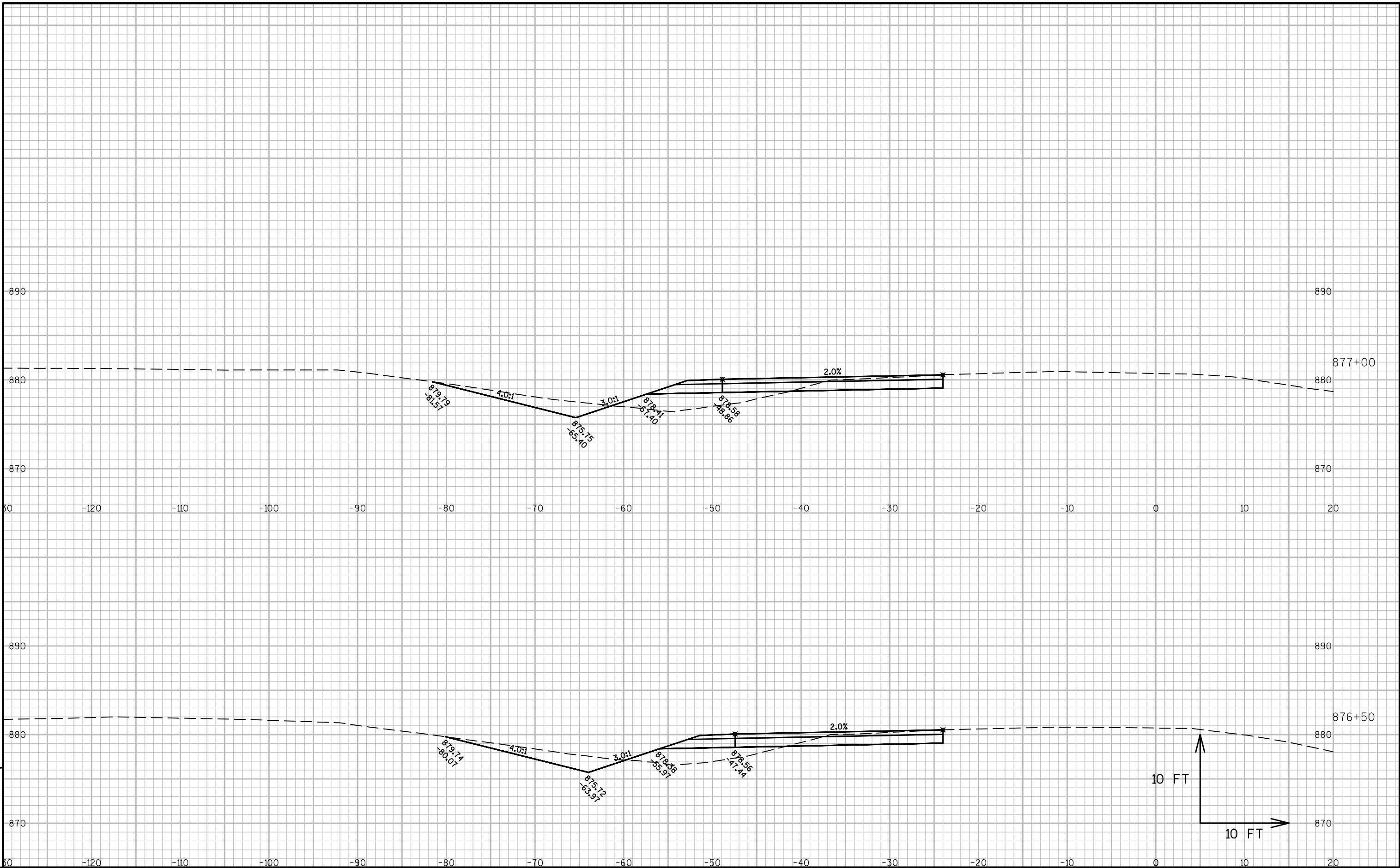
NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE B-17-224			
DRAWN BY		DLM	PLANS CK'D. BLB
CROSS SECTION & QUANTITIES			SHEET 2

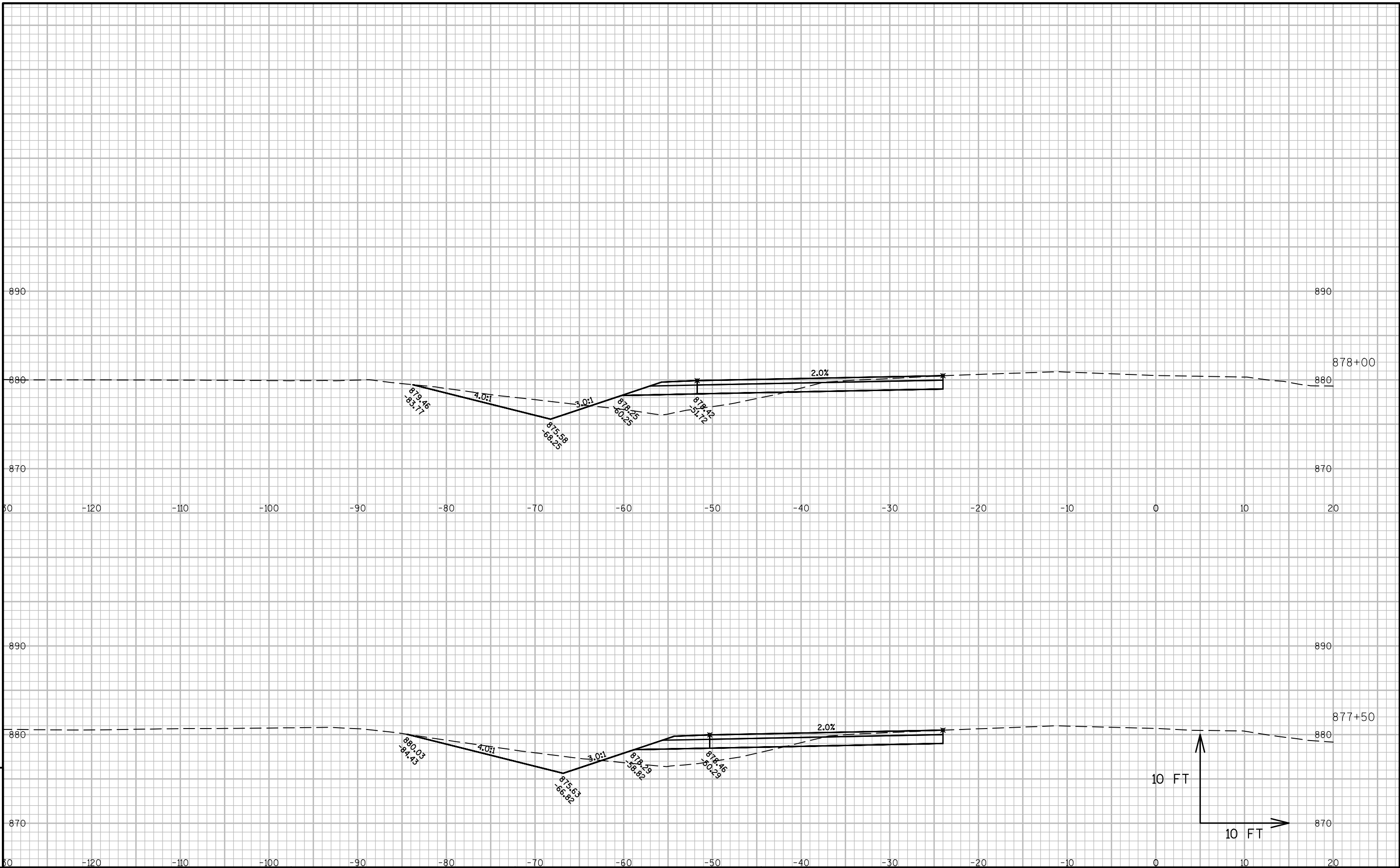


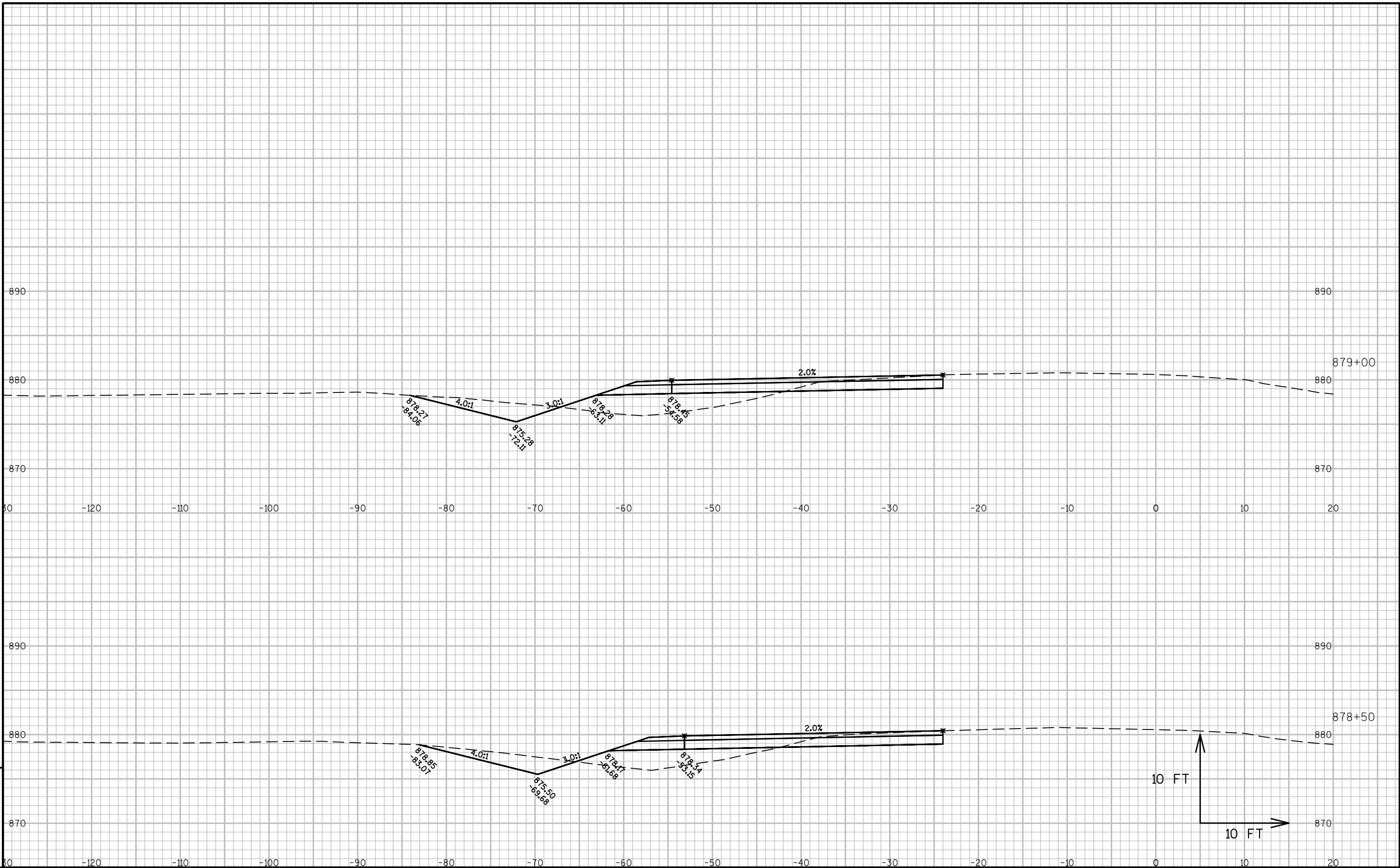


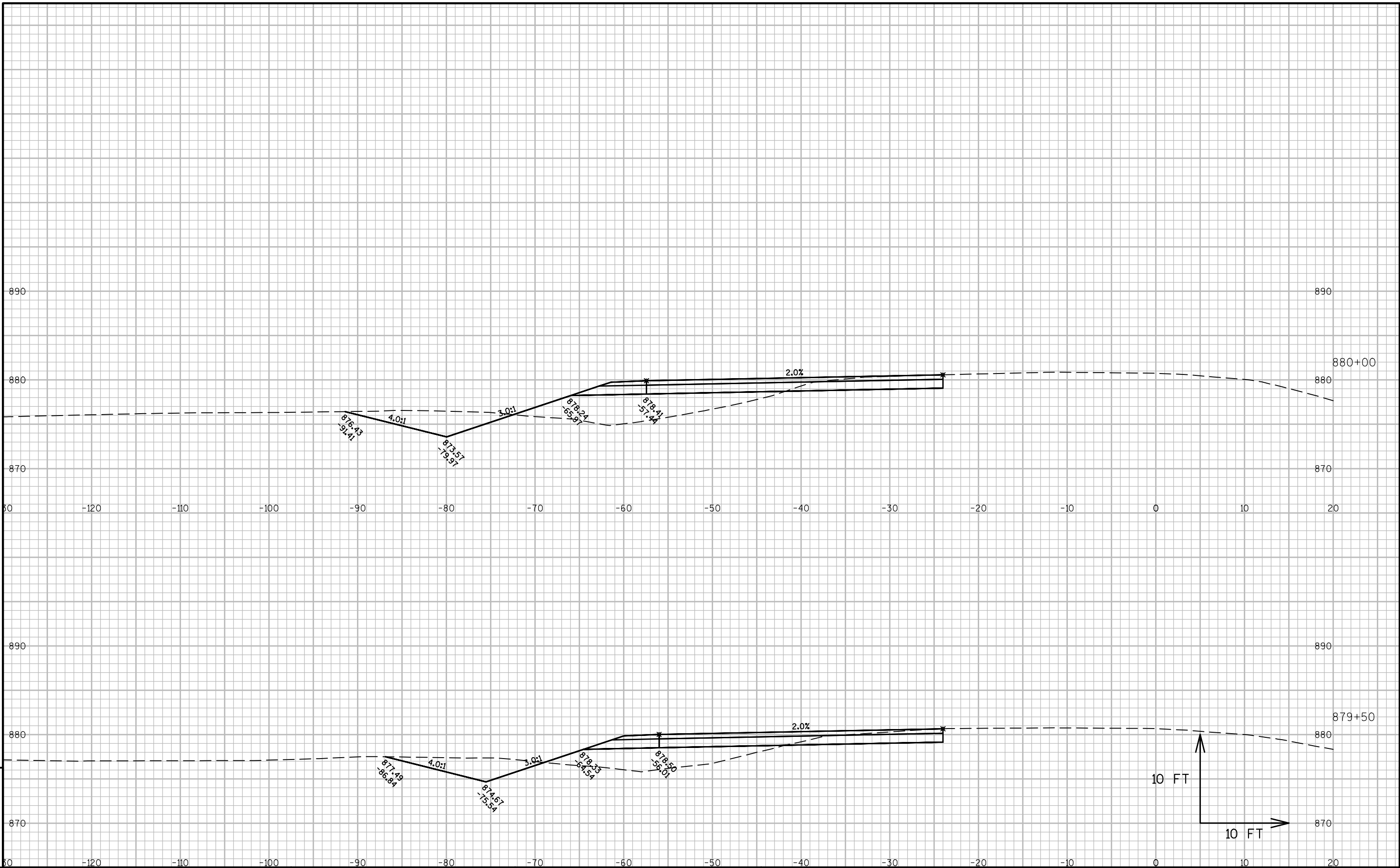


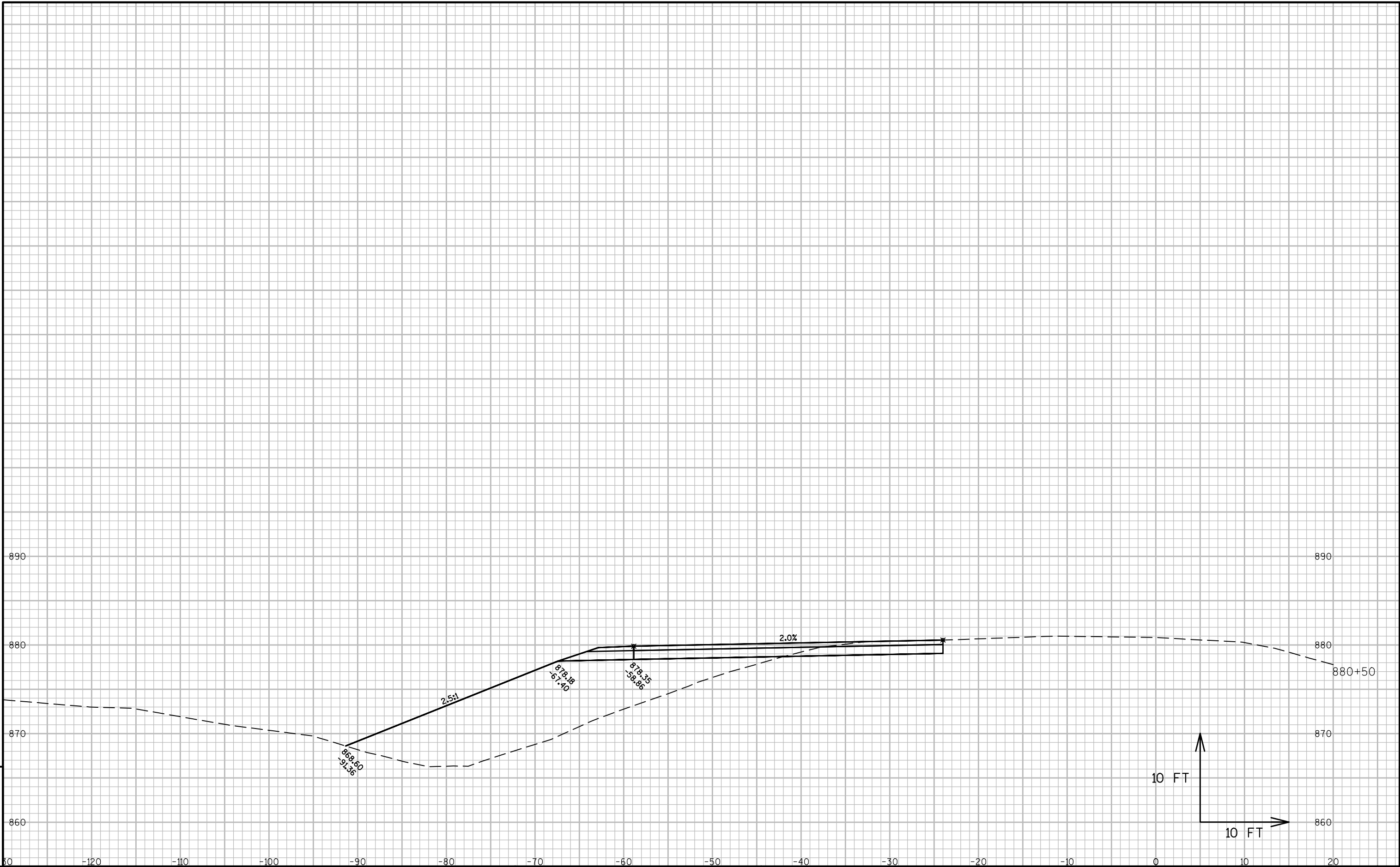


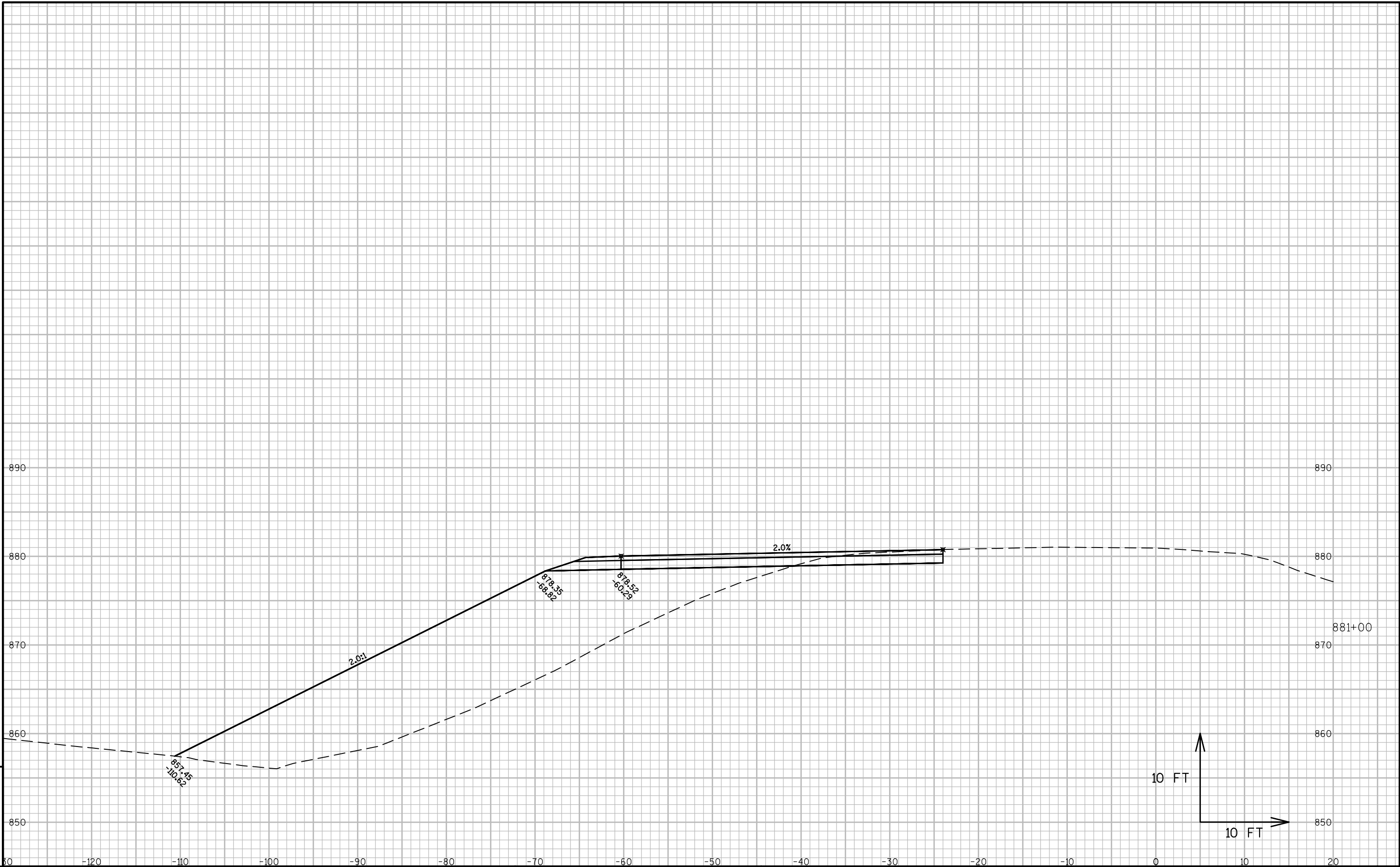


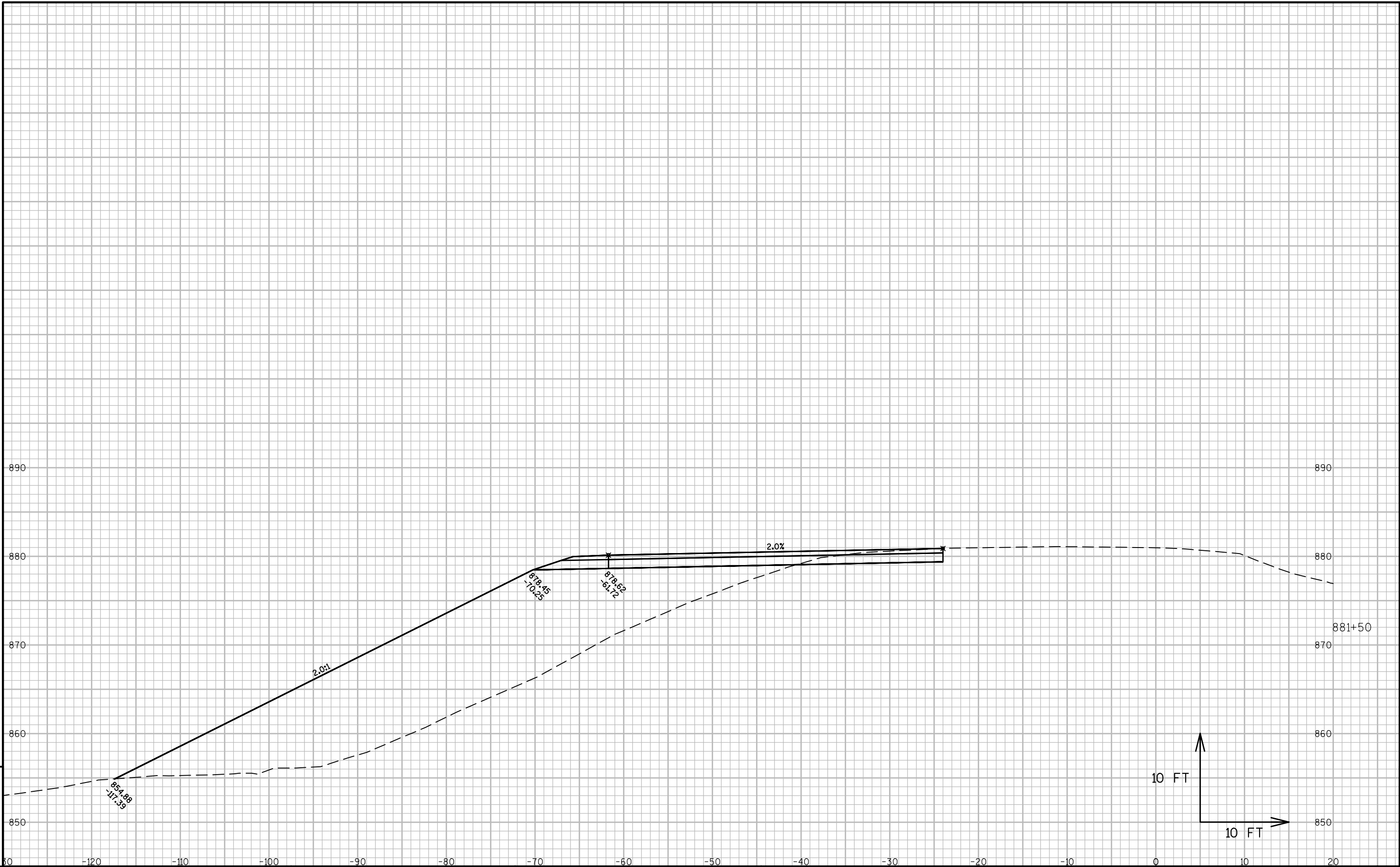


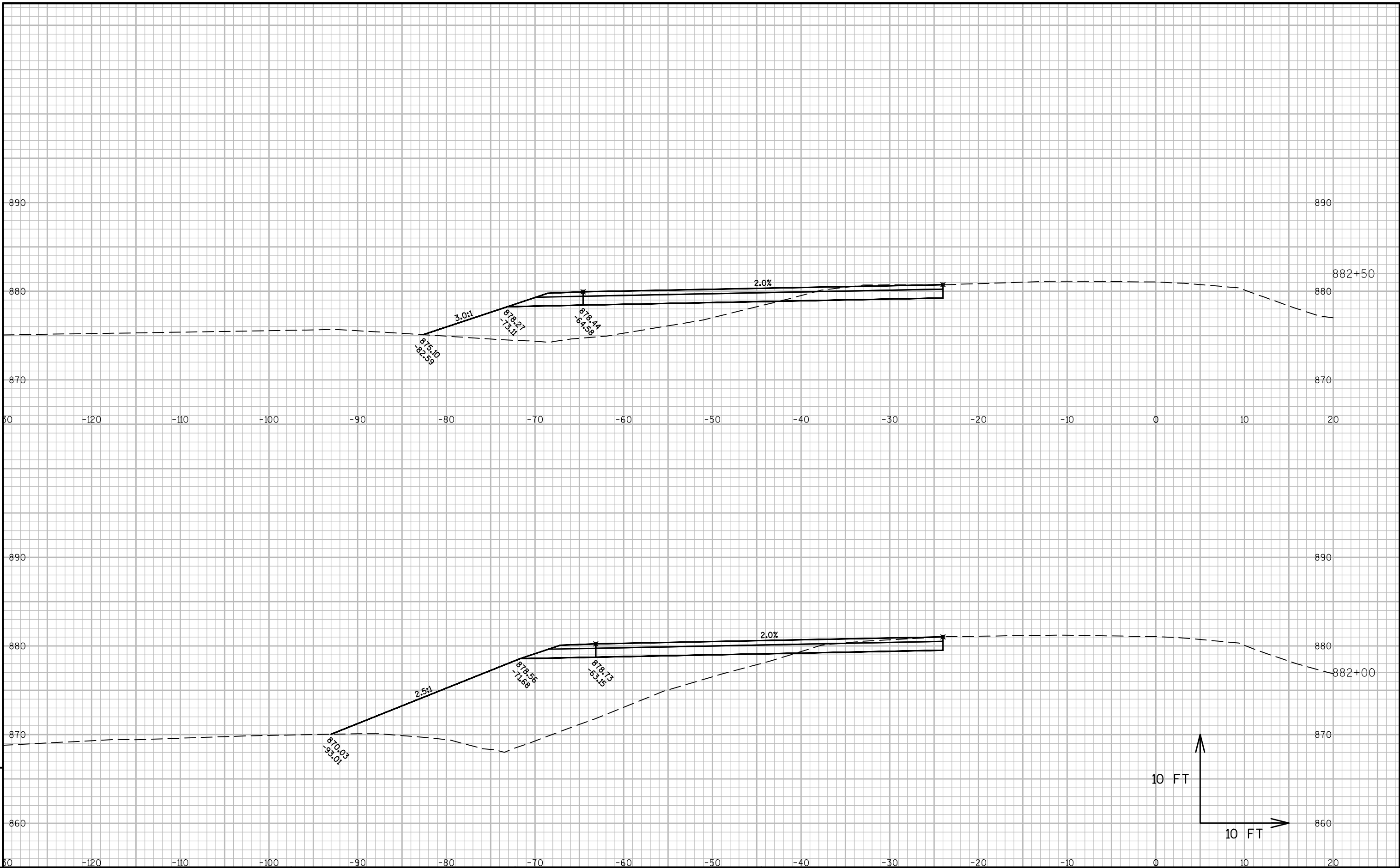


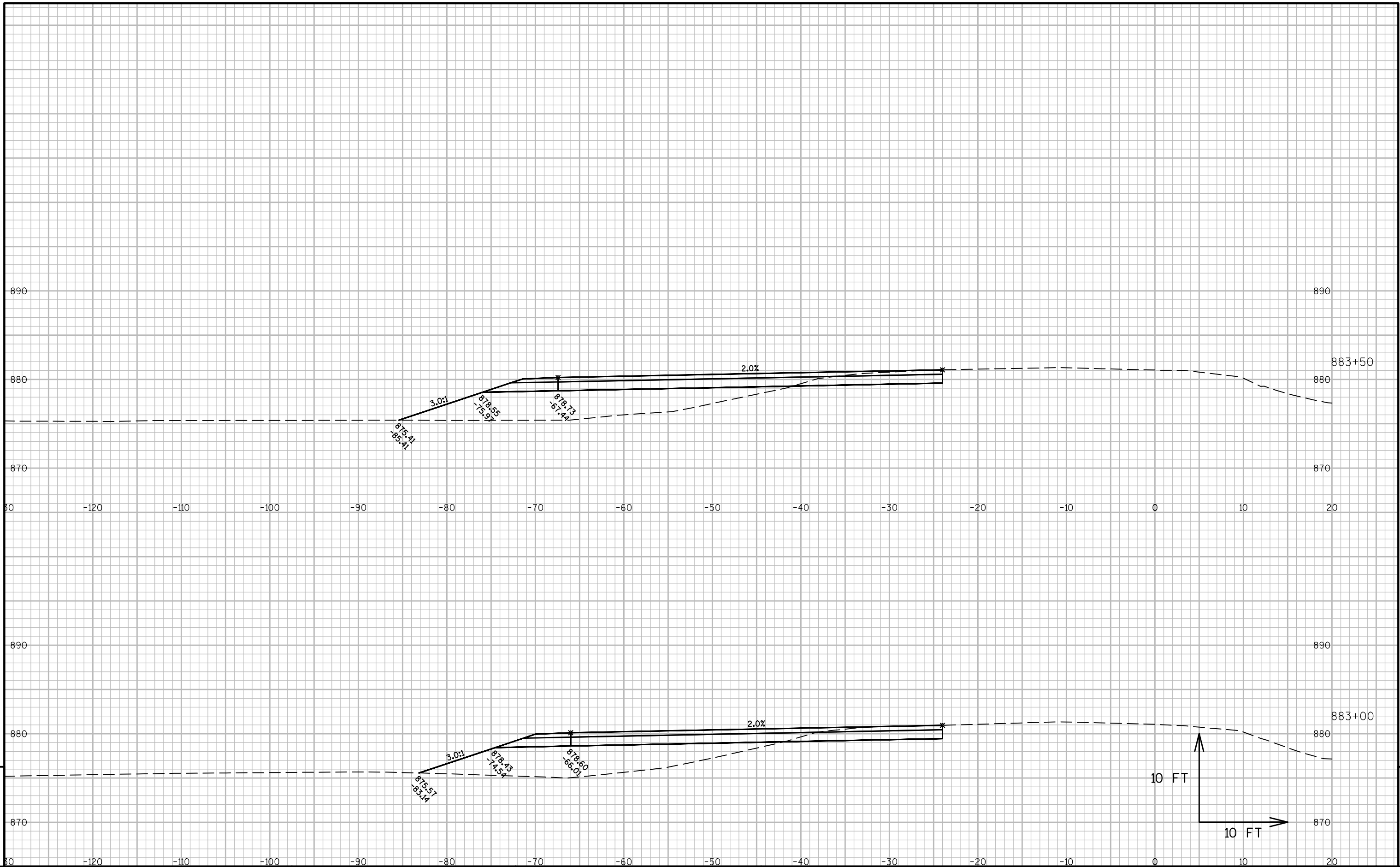


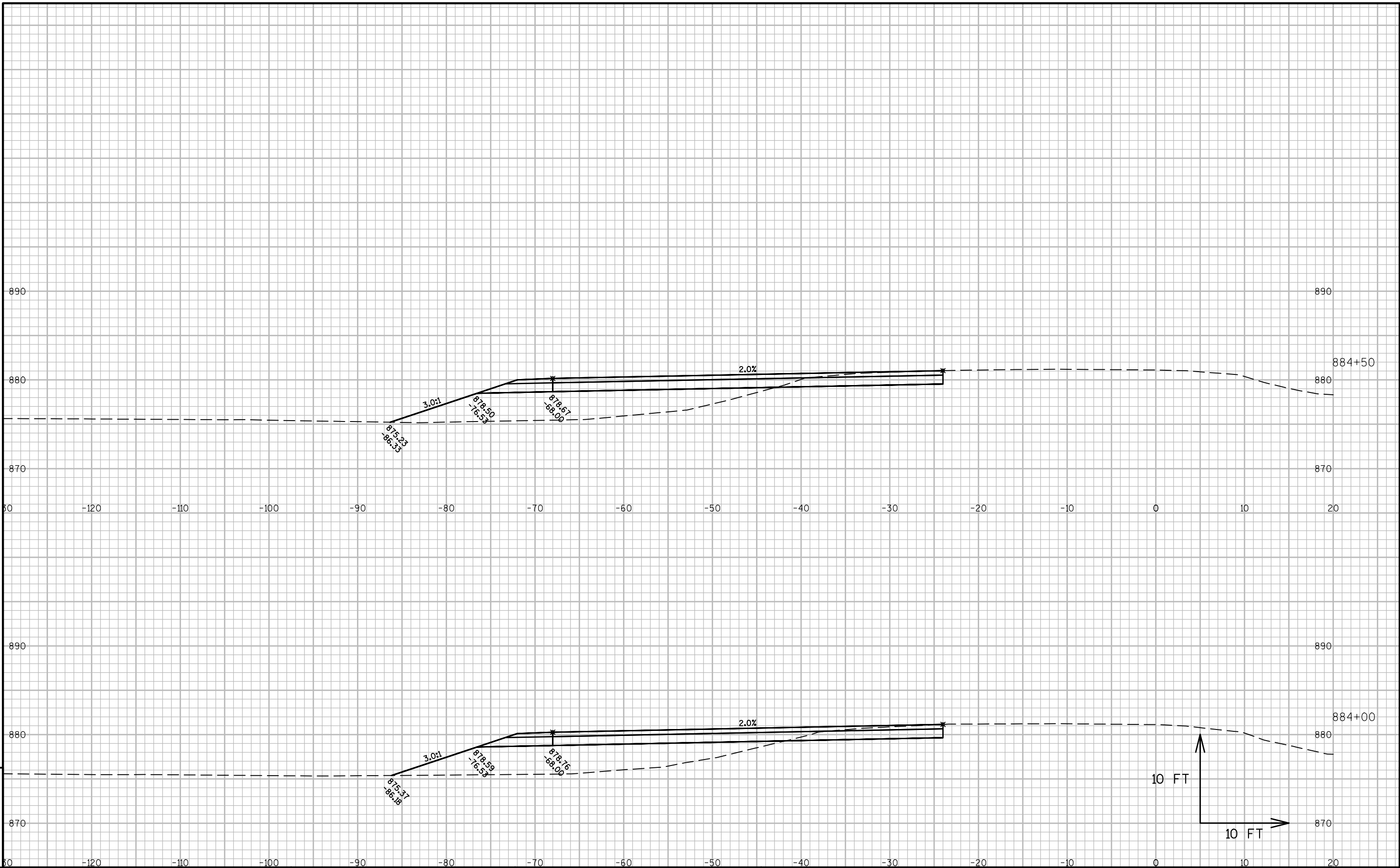


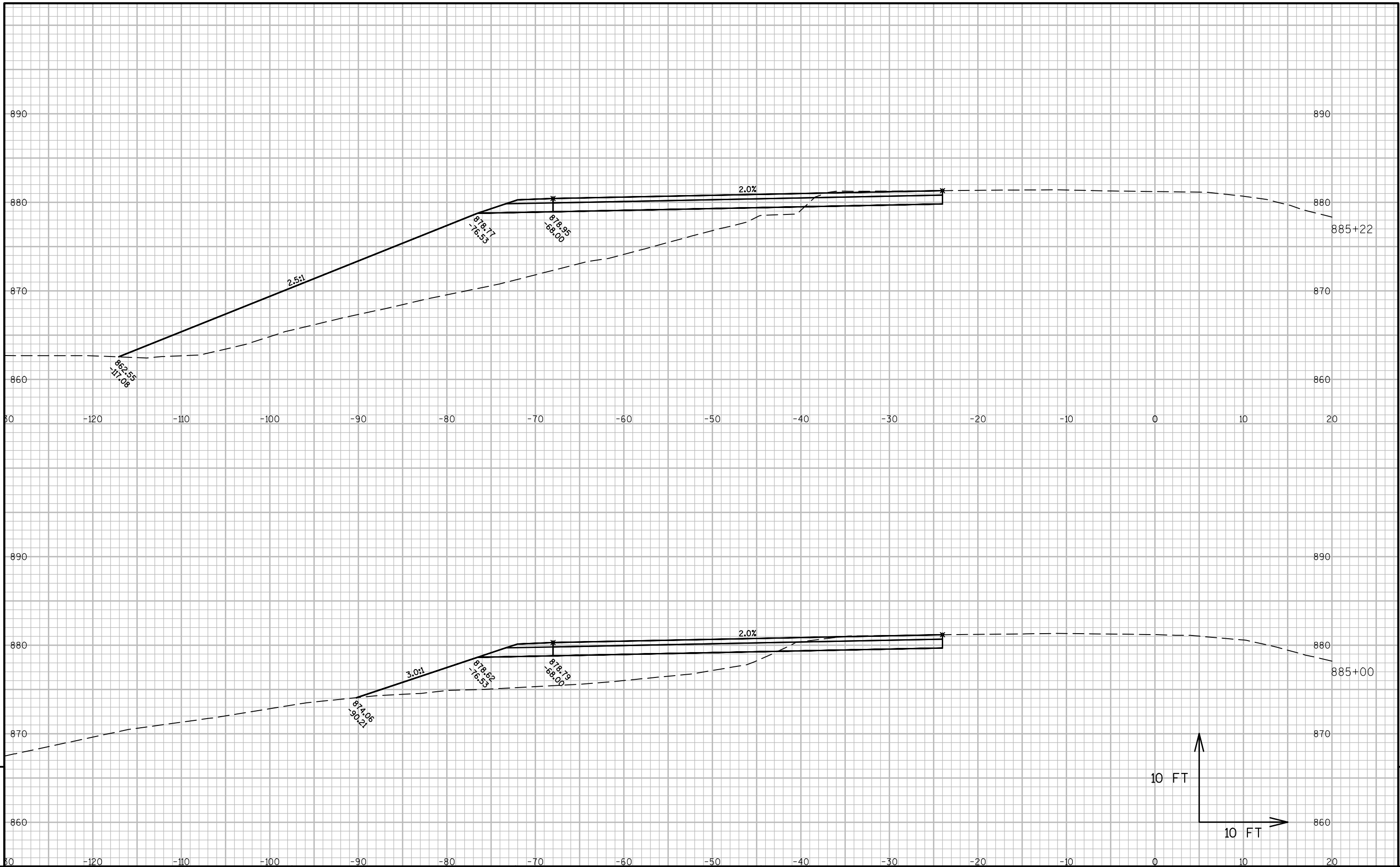


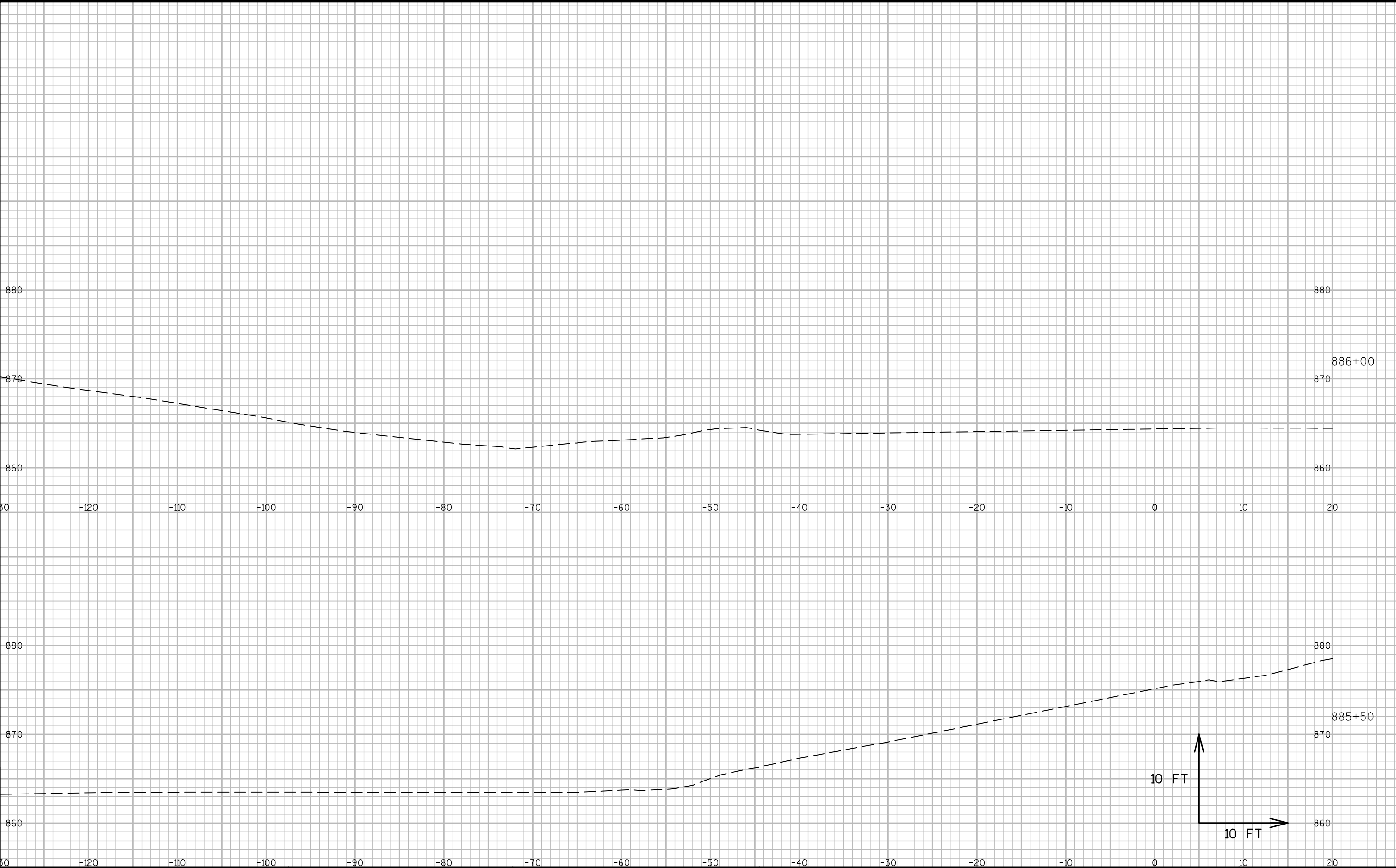


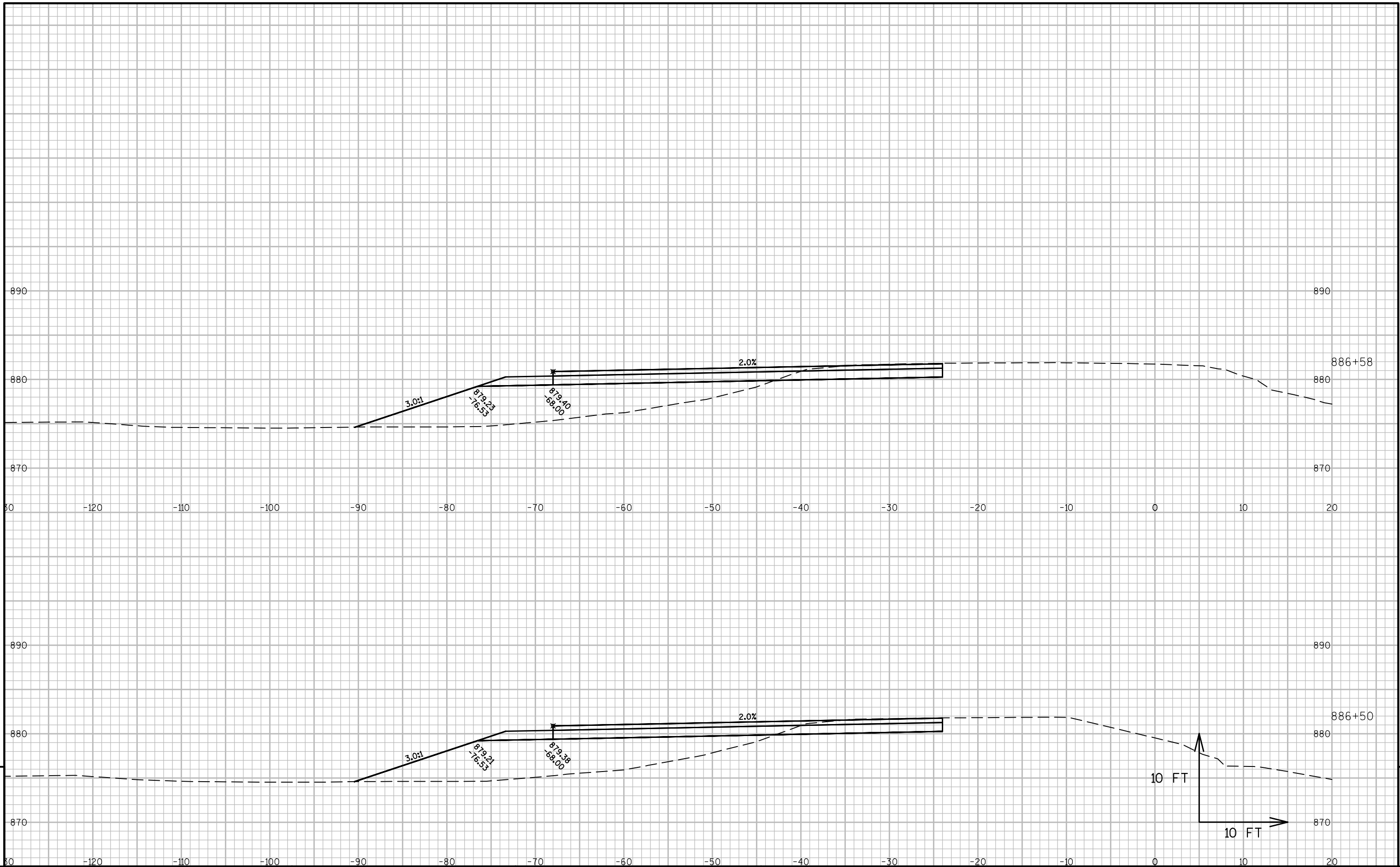


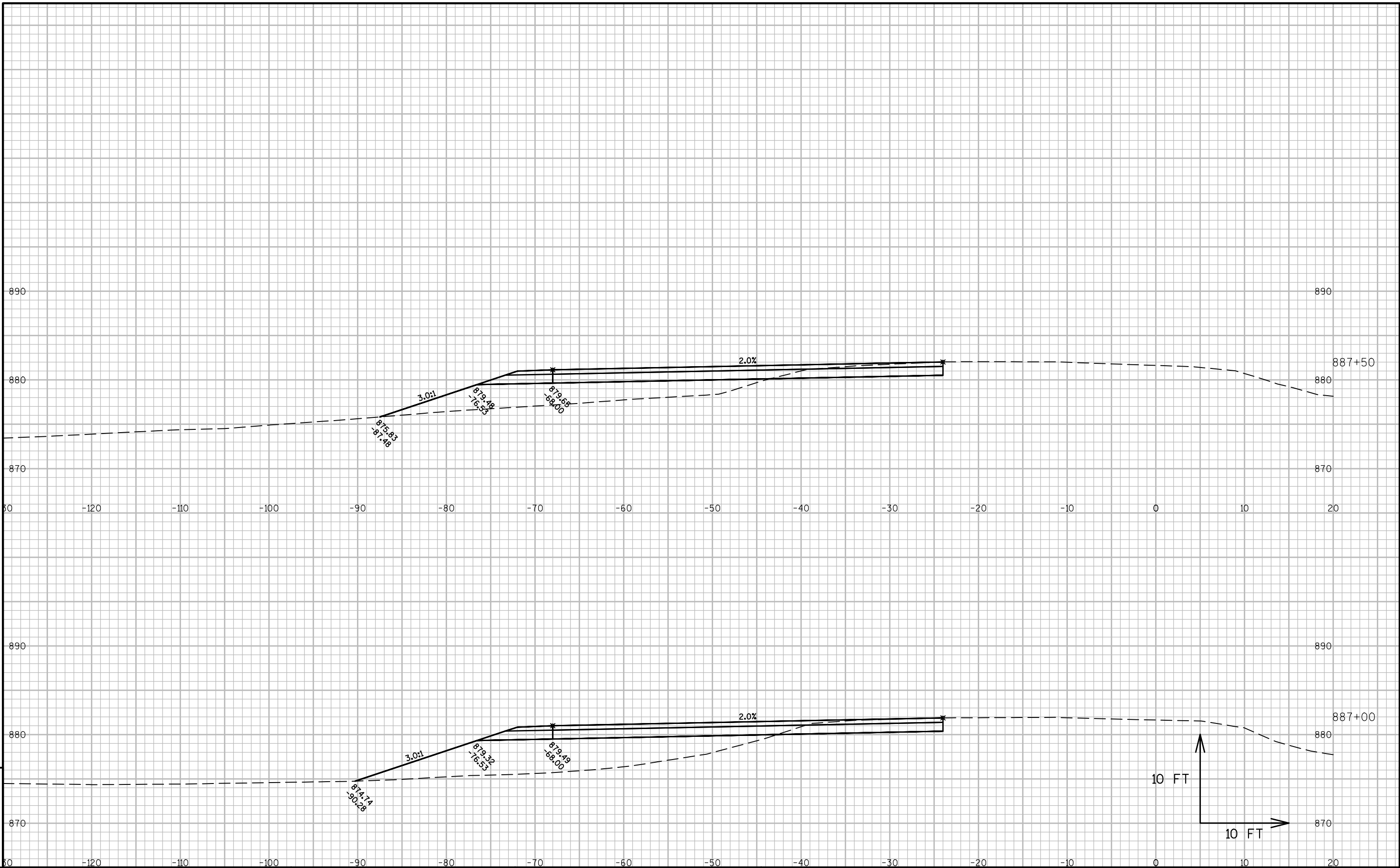


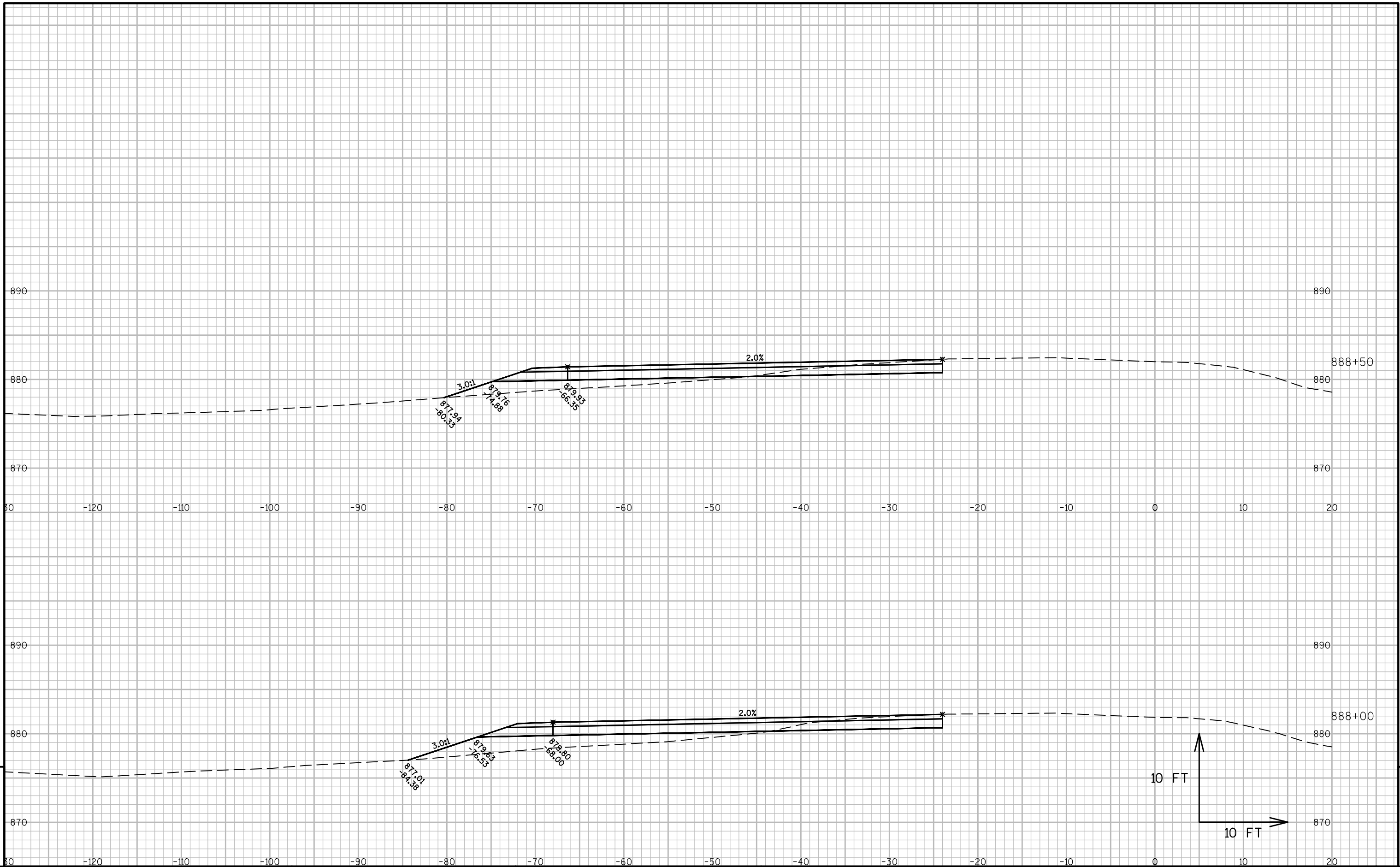


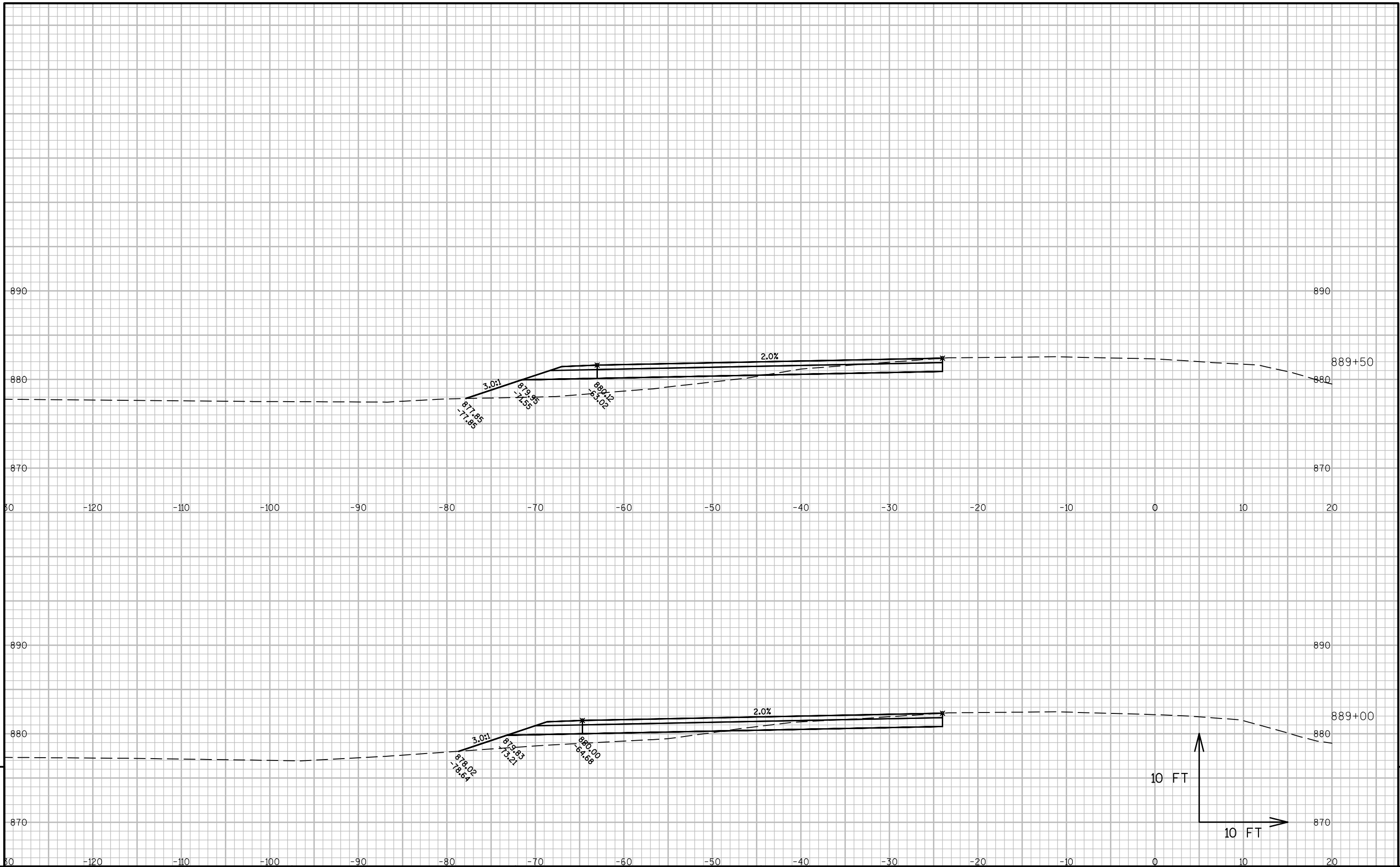


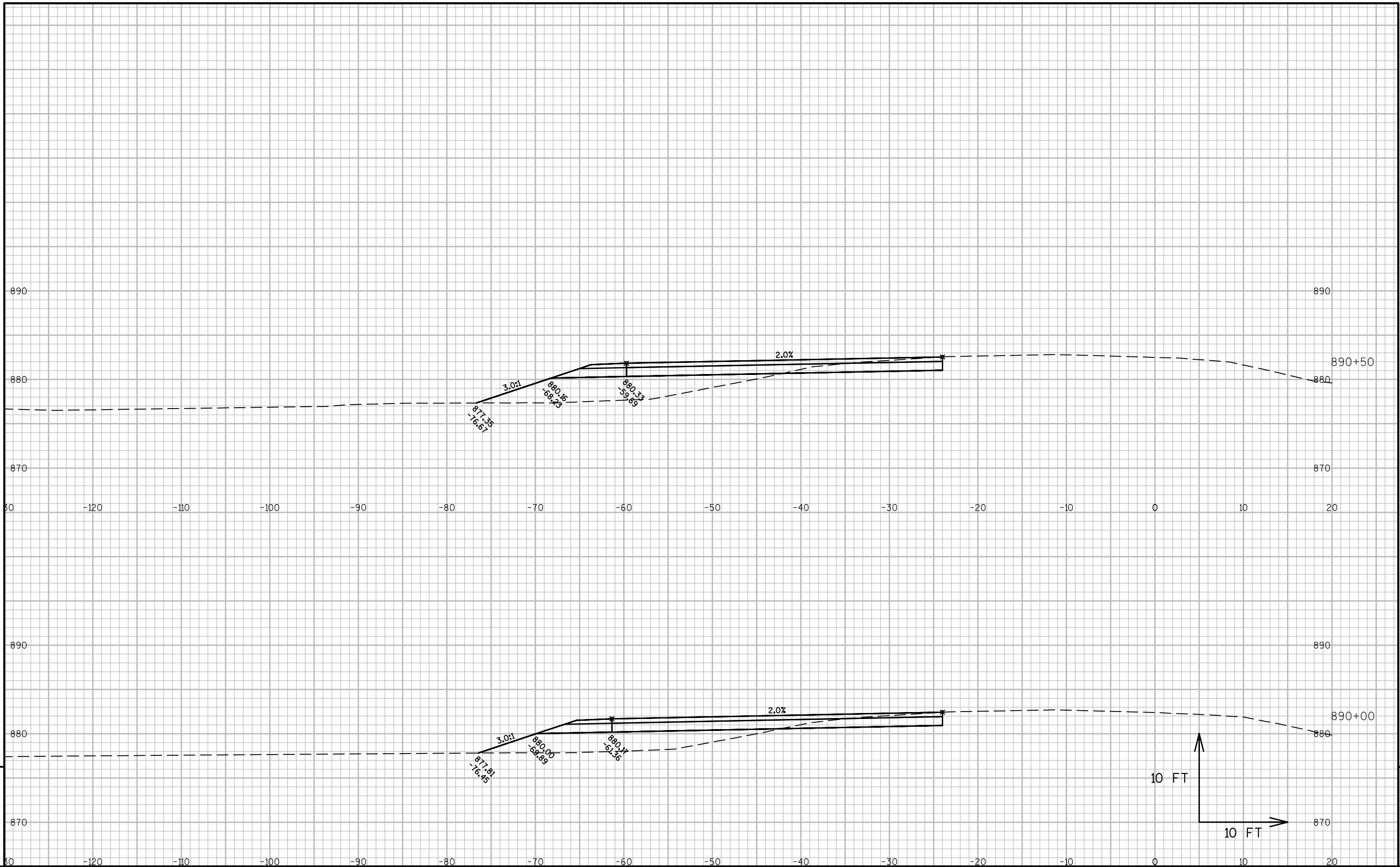


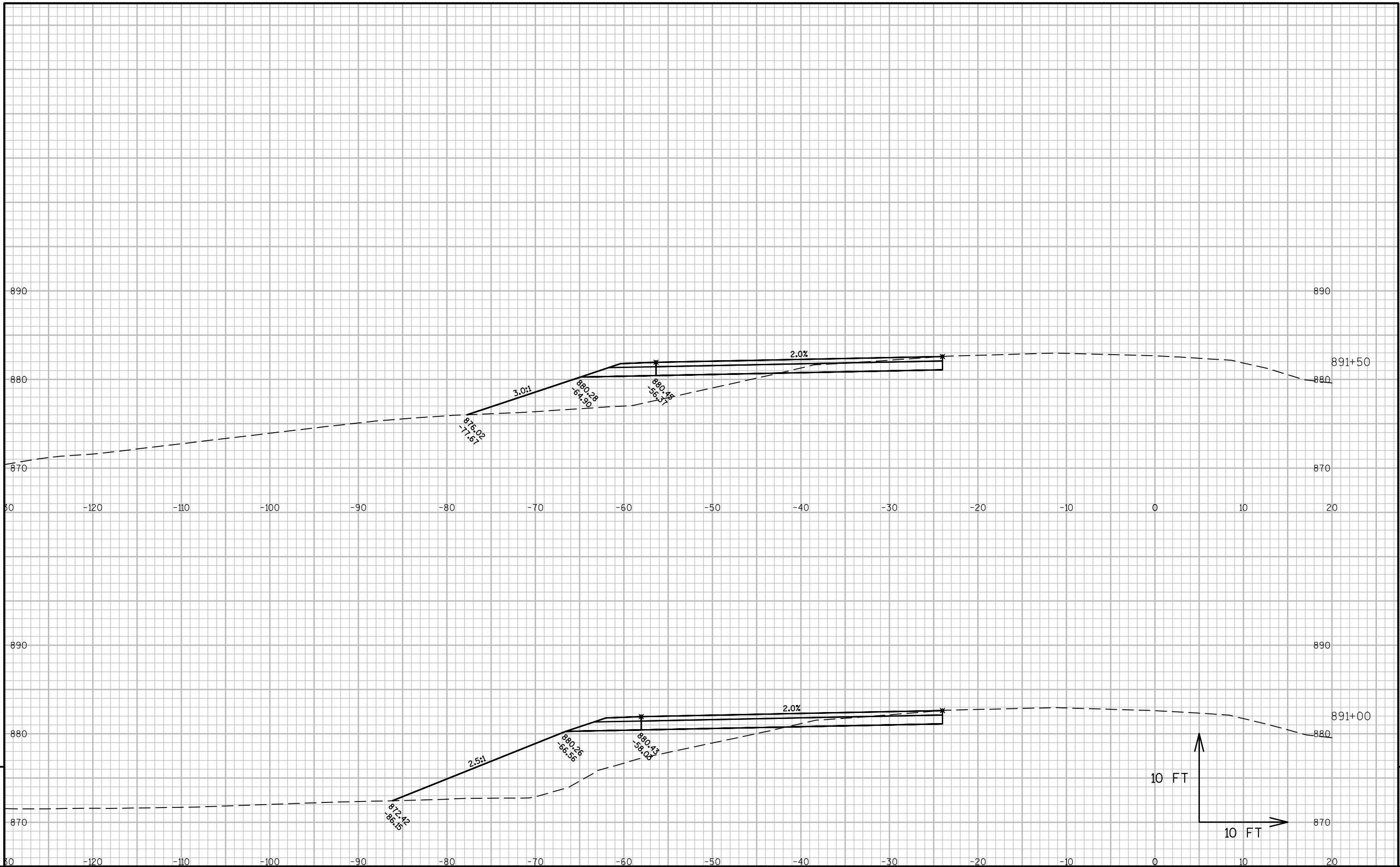


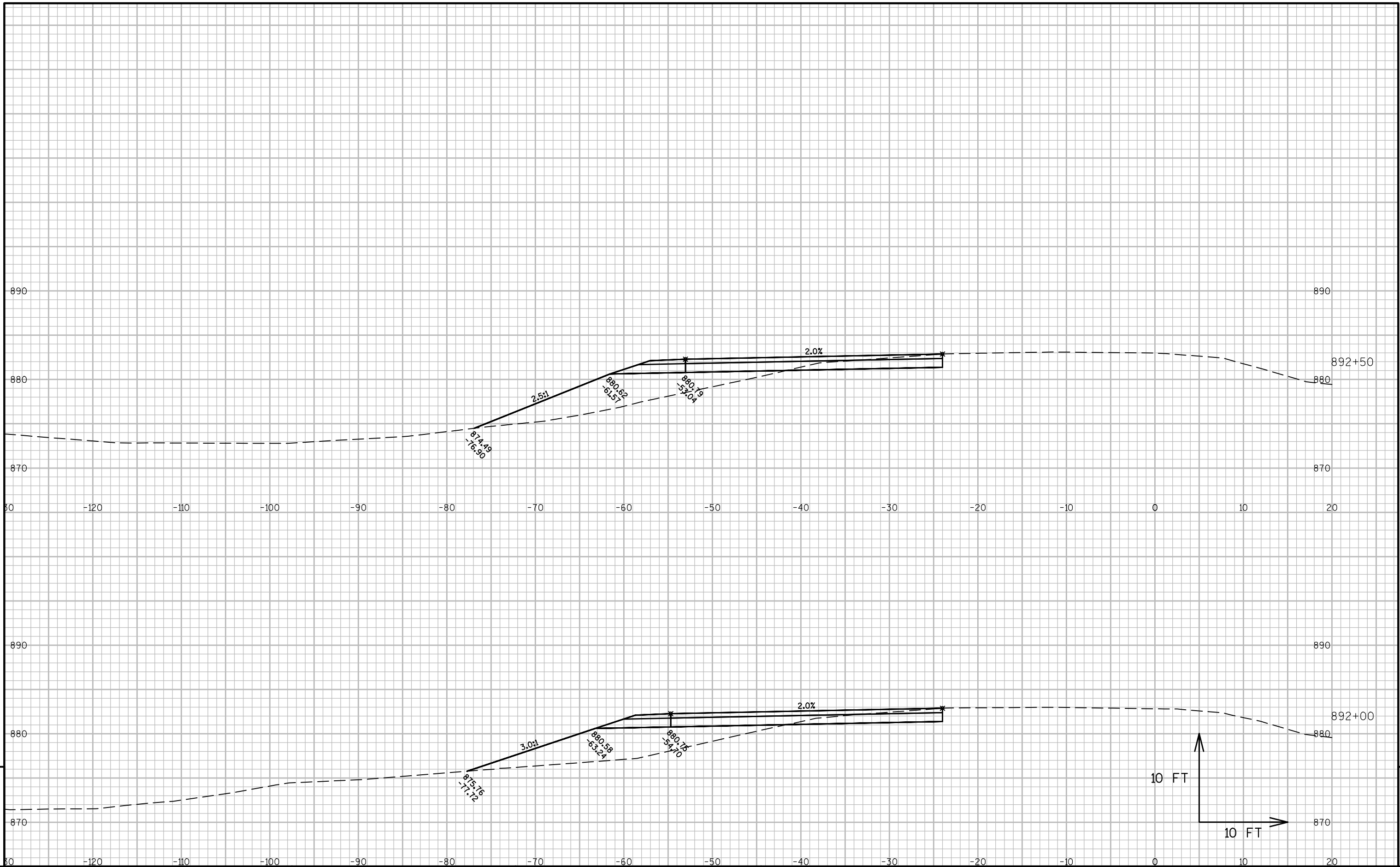


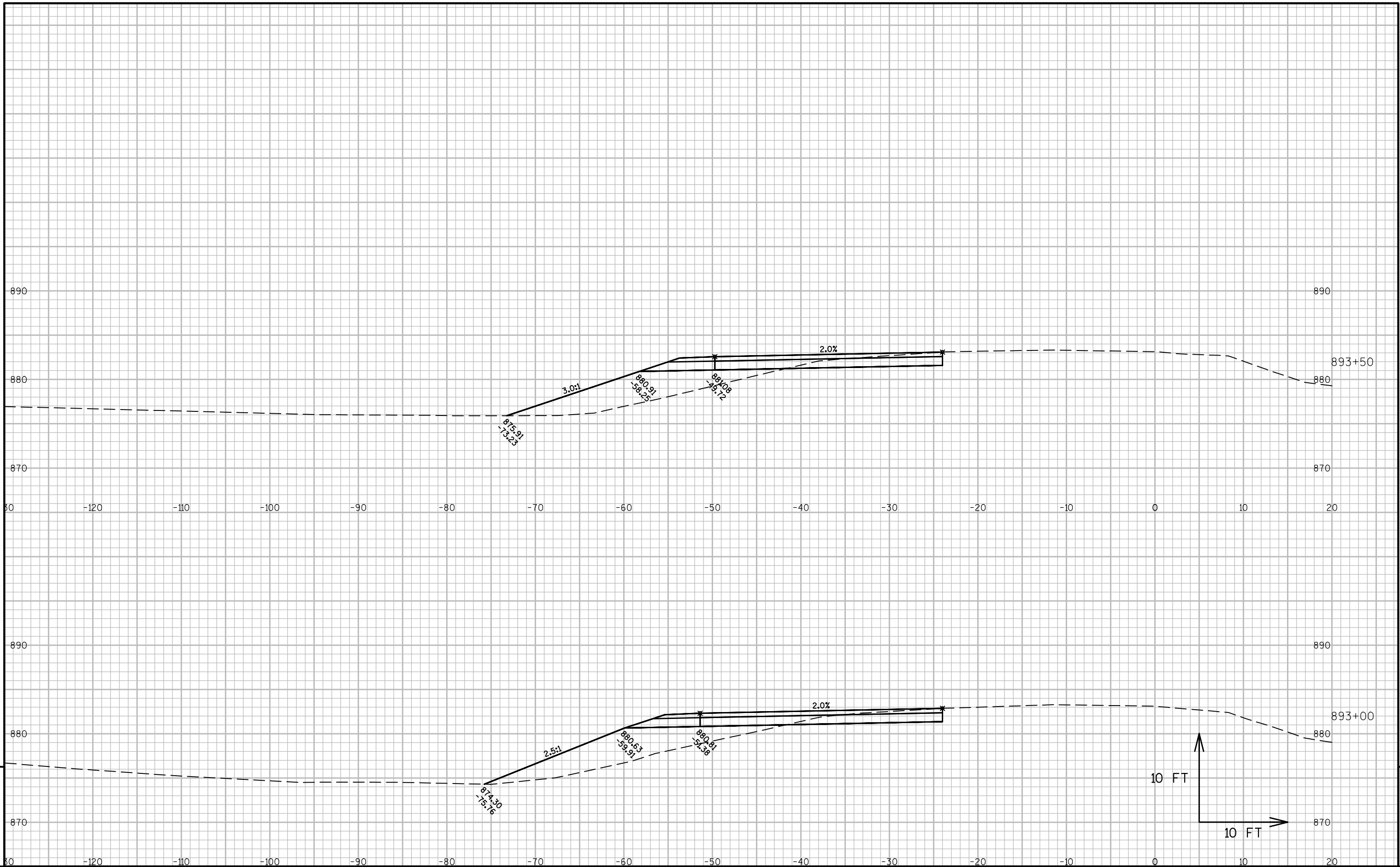


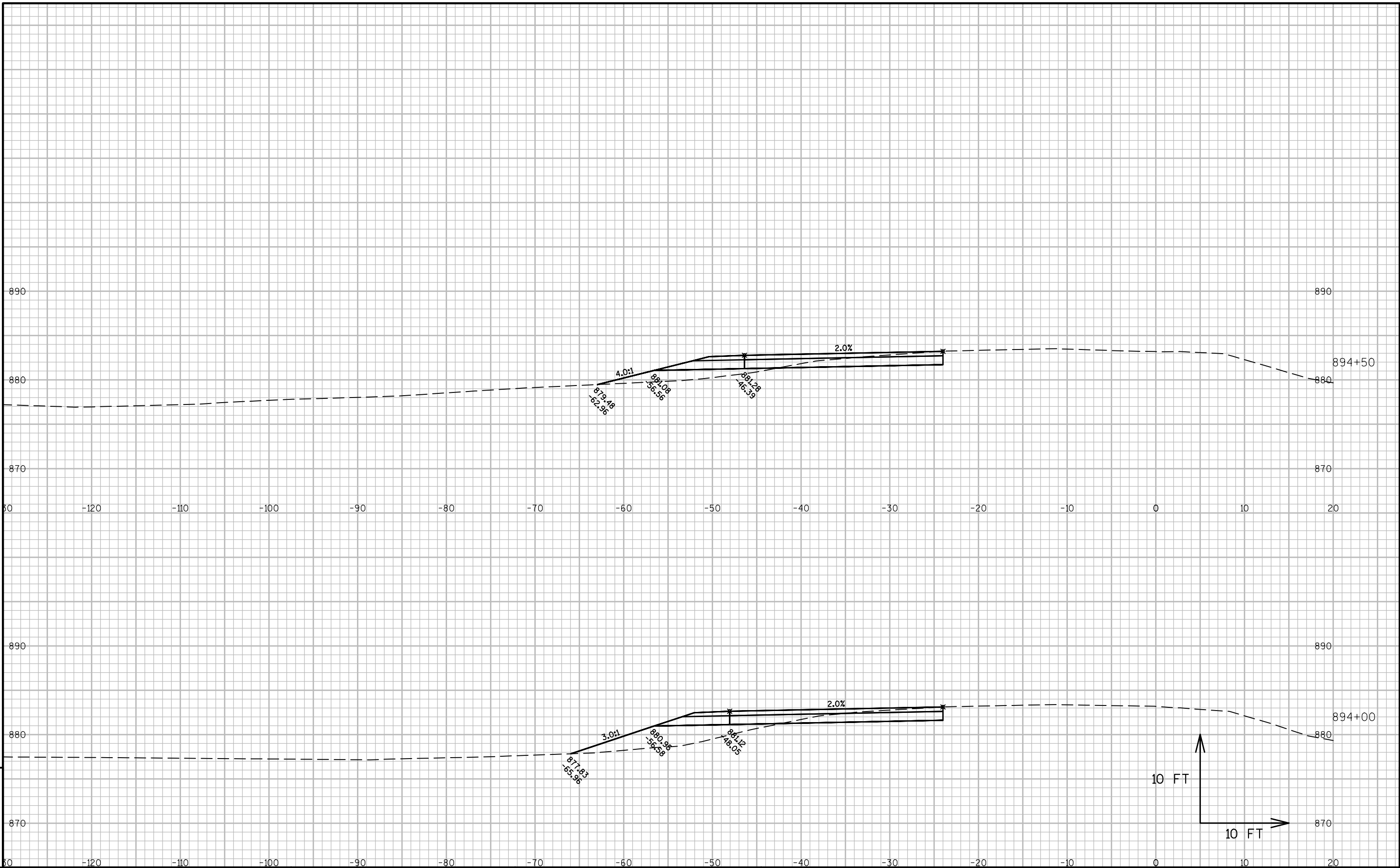


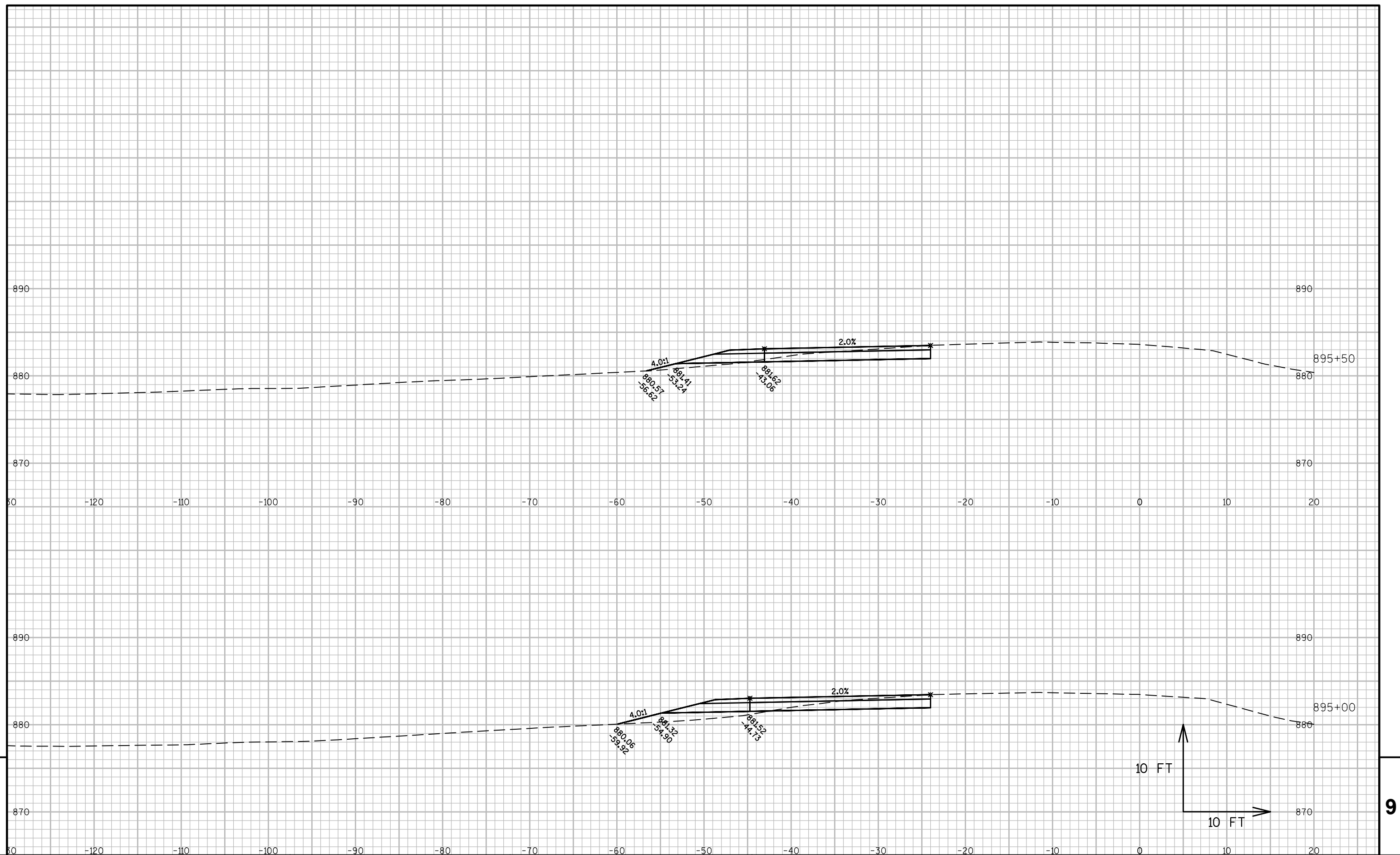


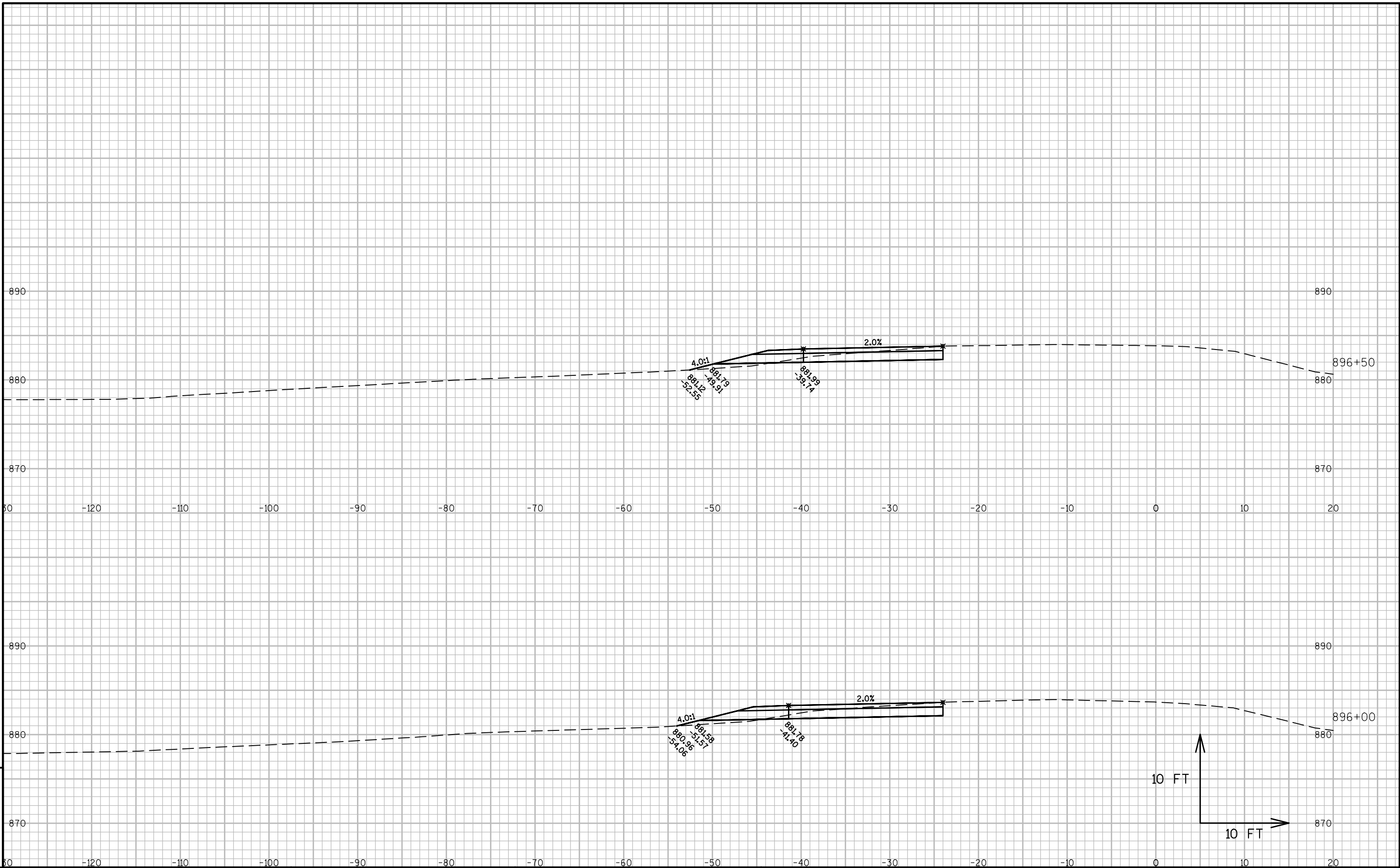


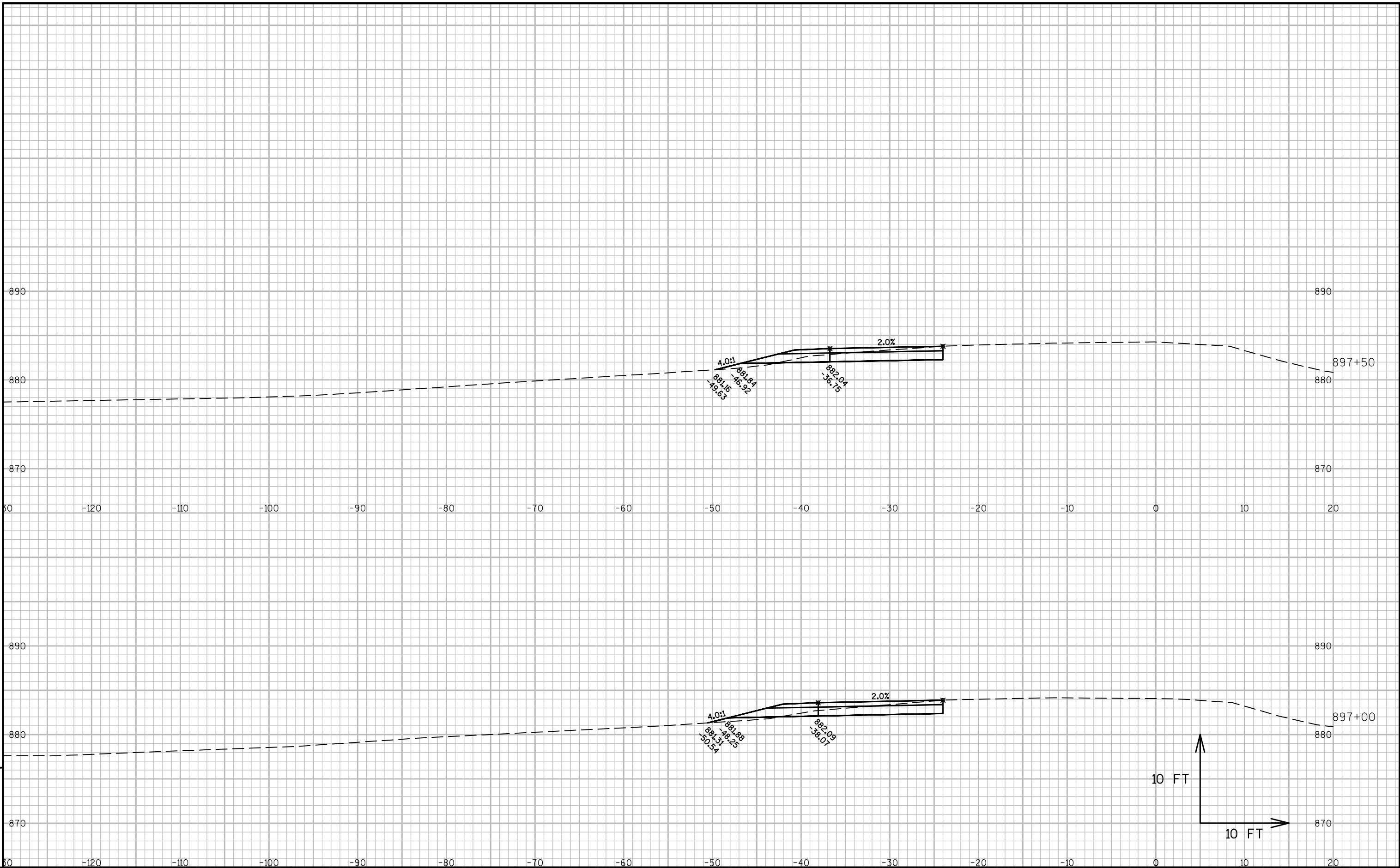


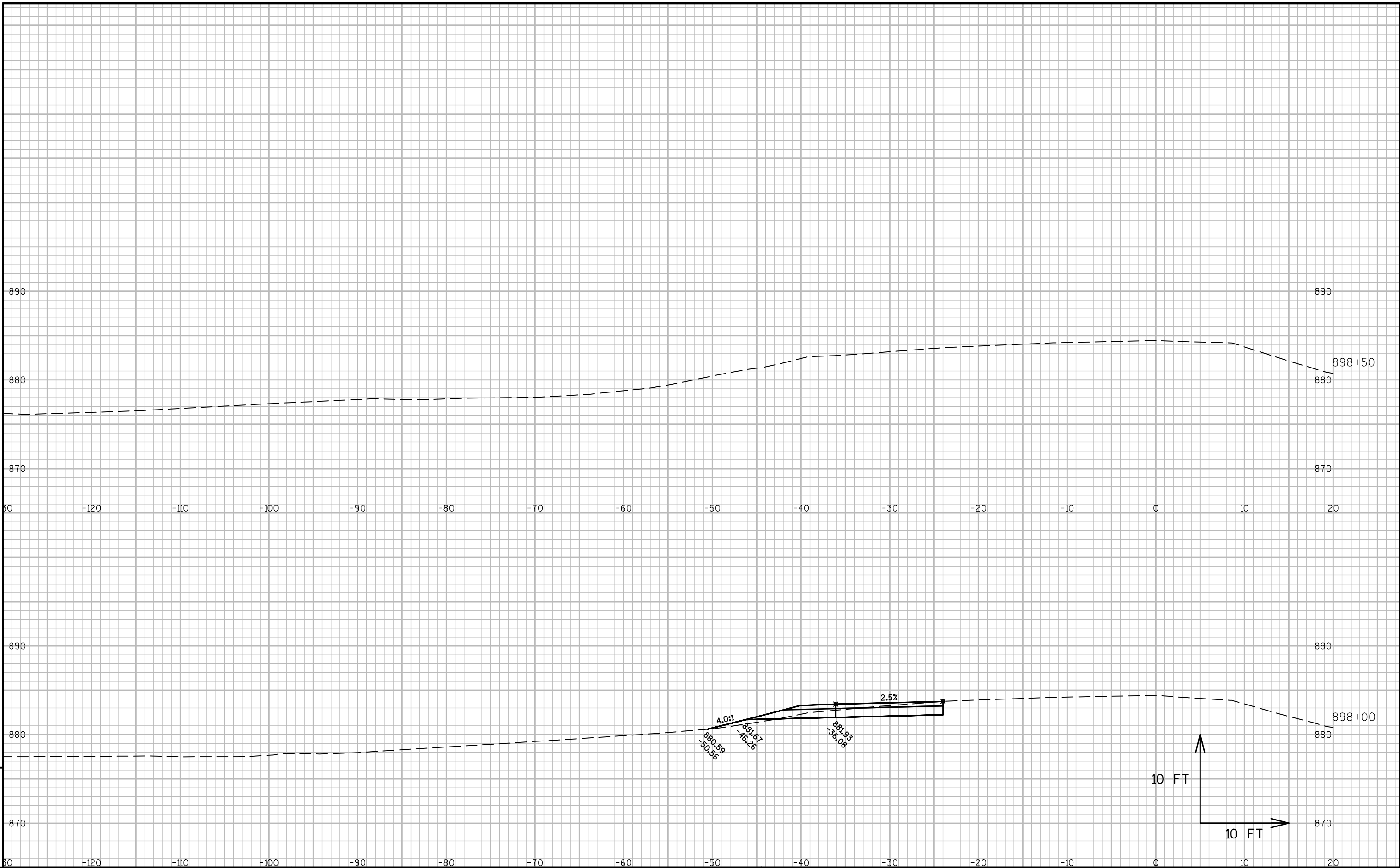


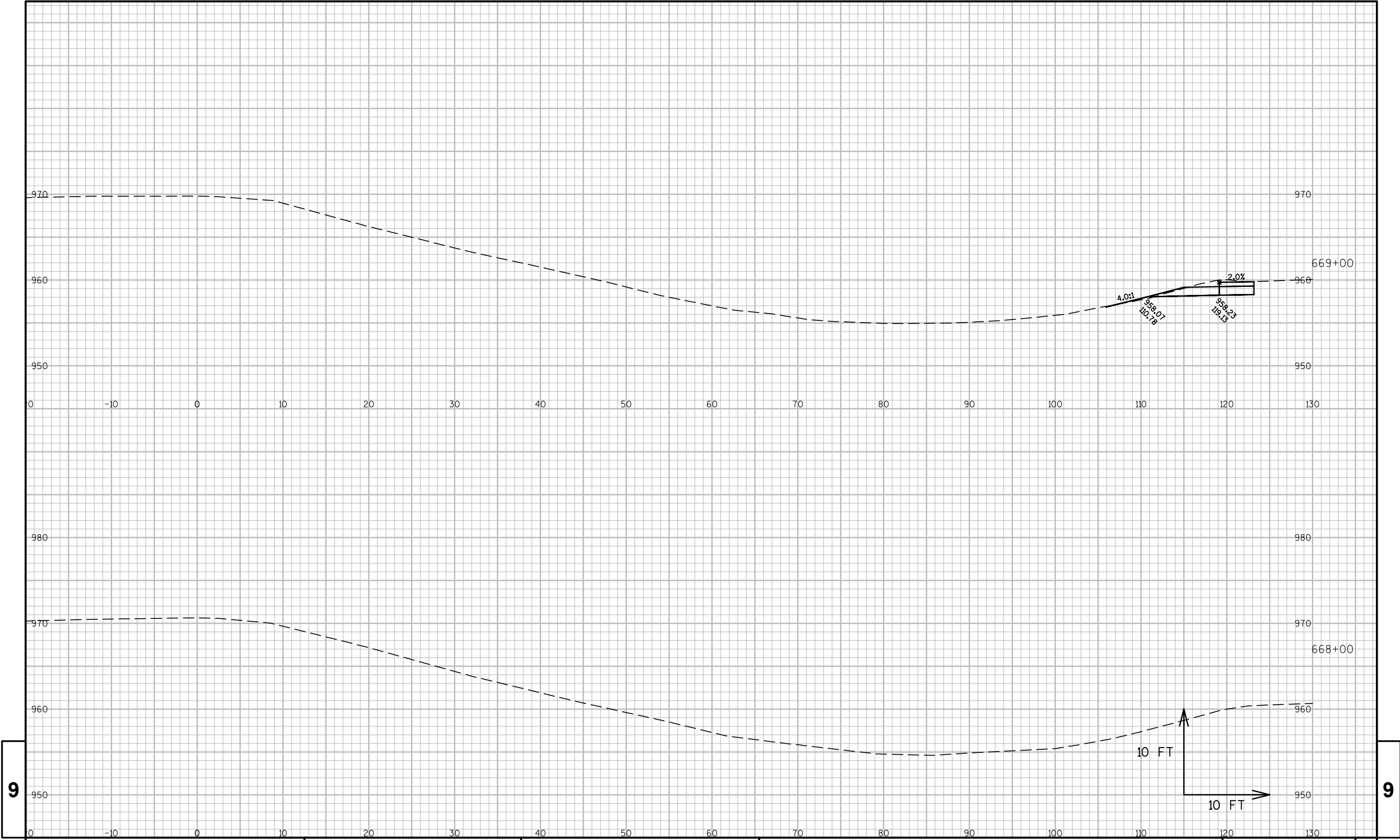






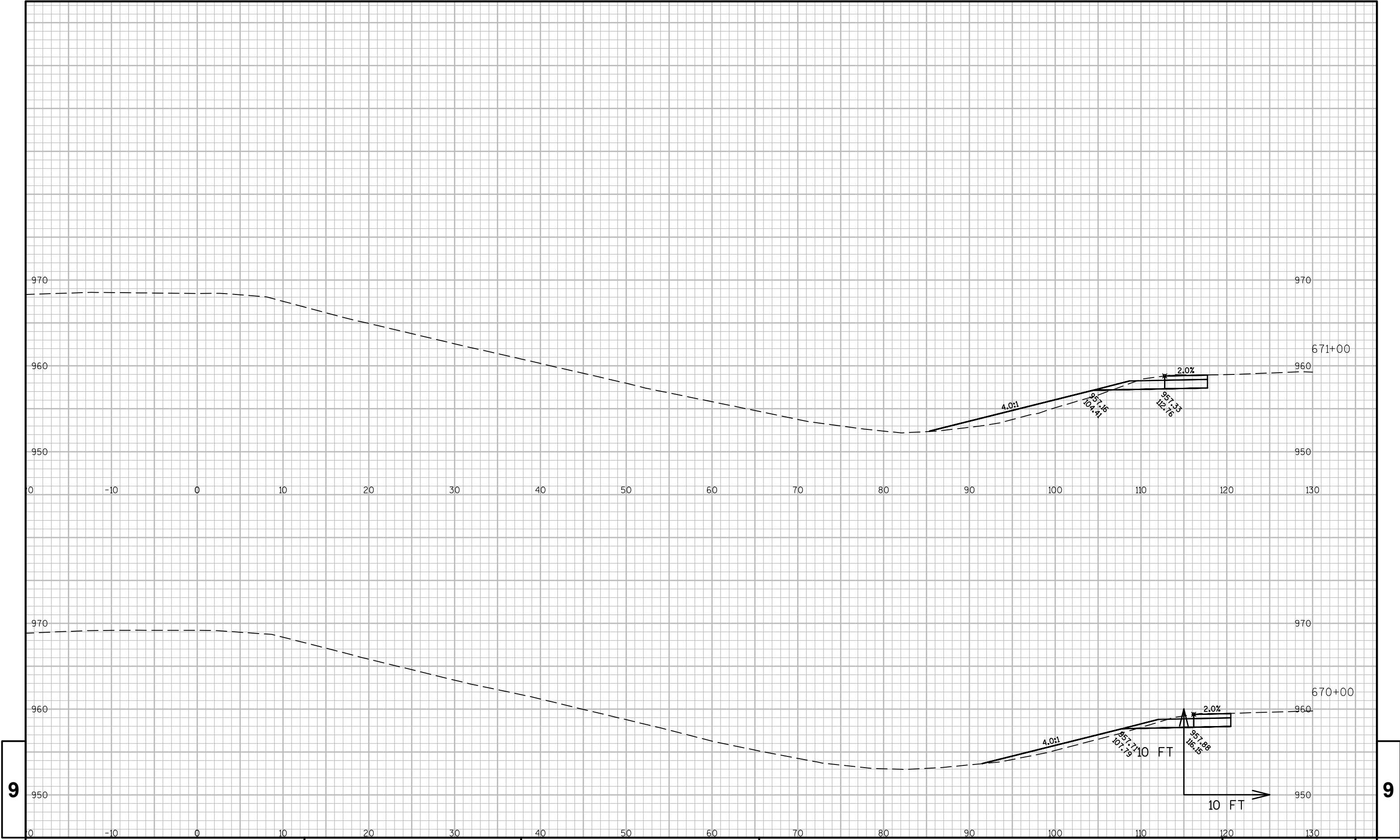






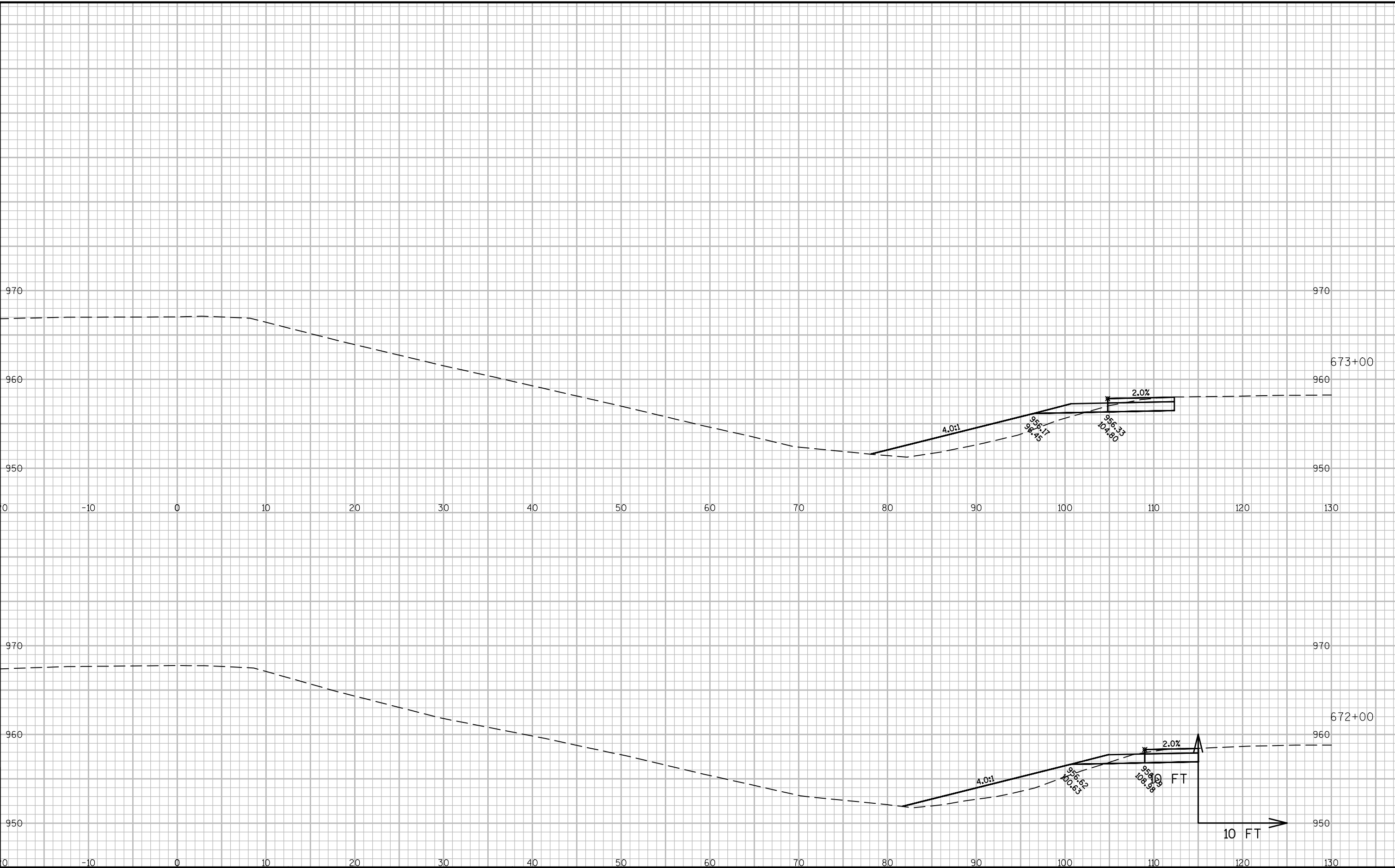
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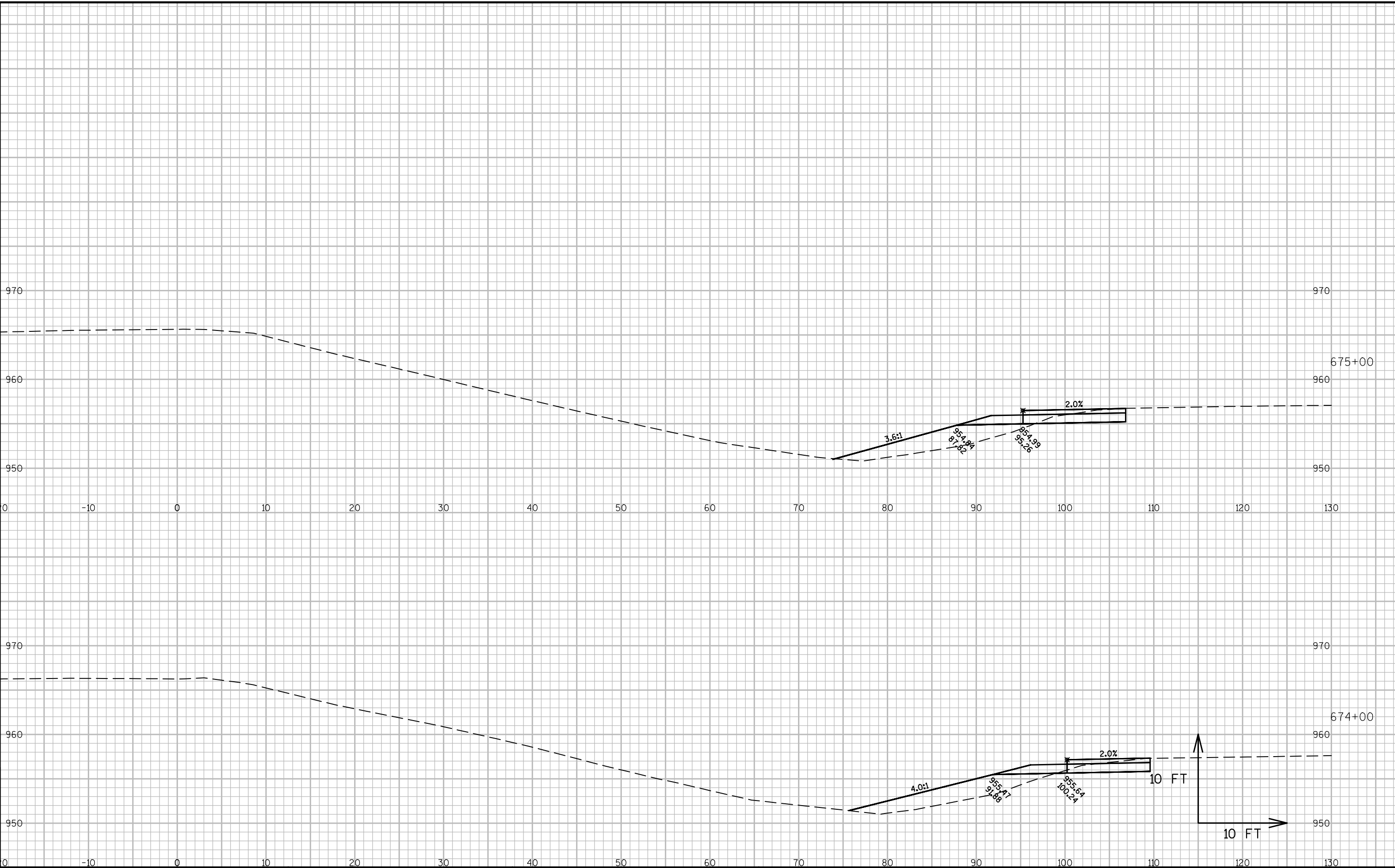
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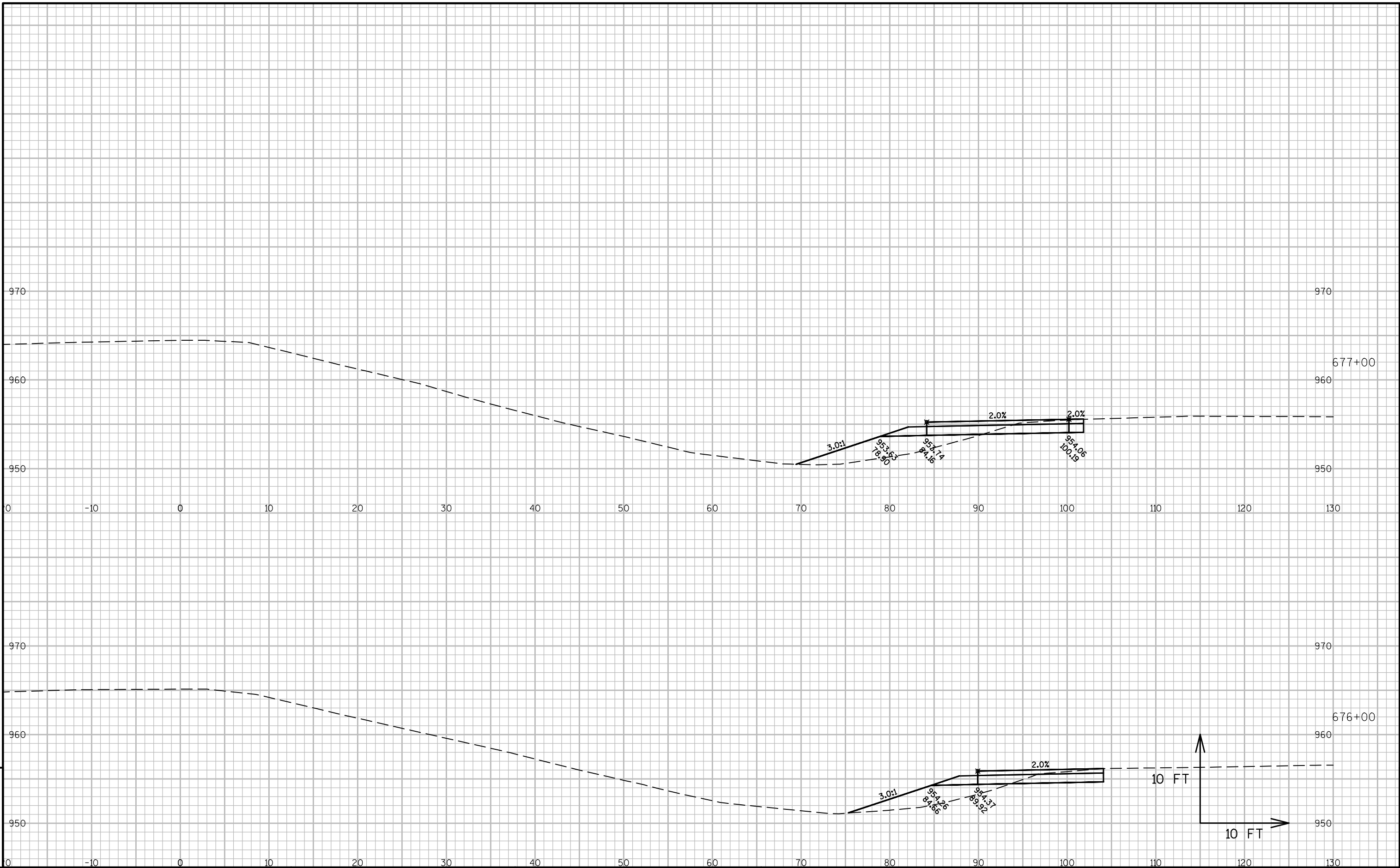


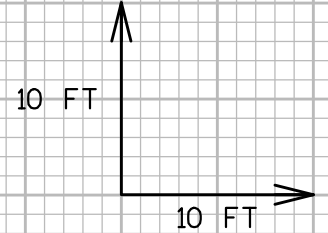
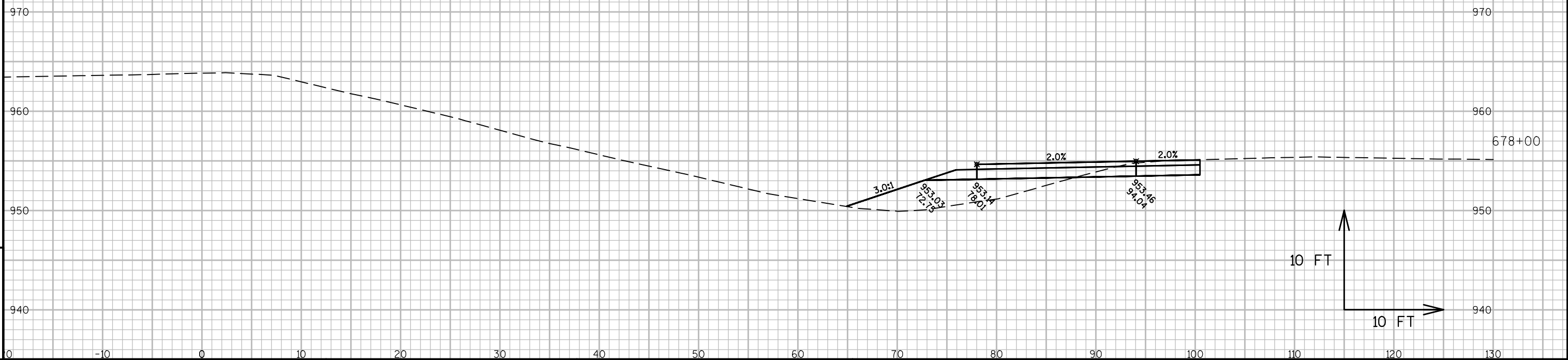
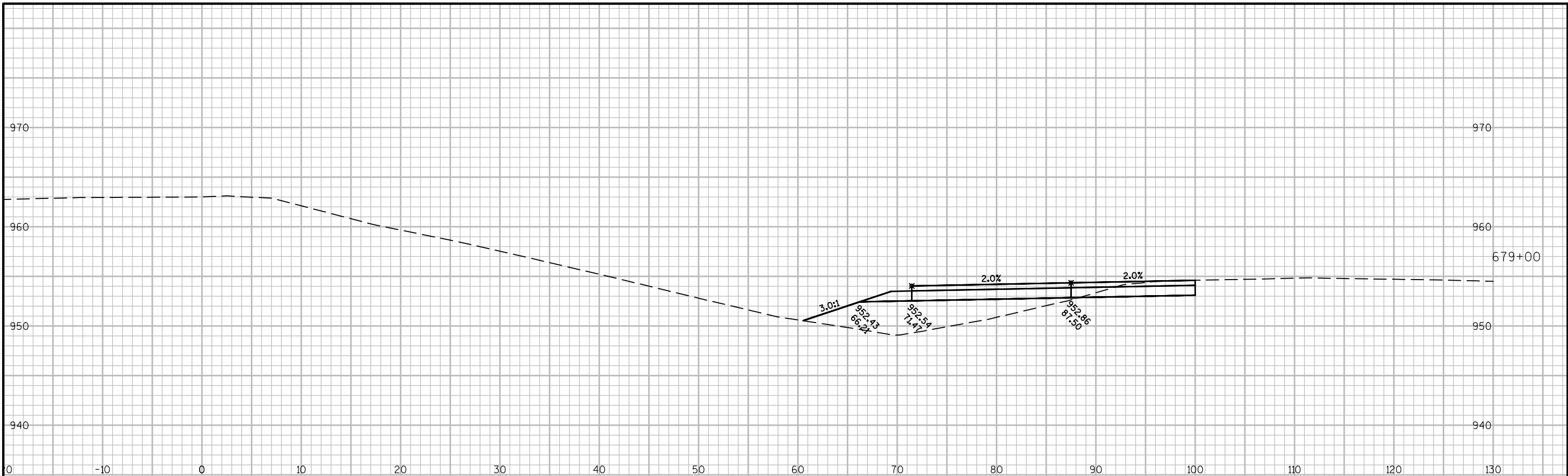
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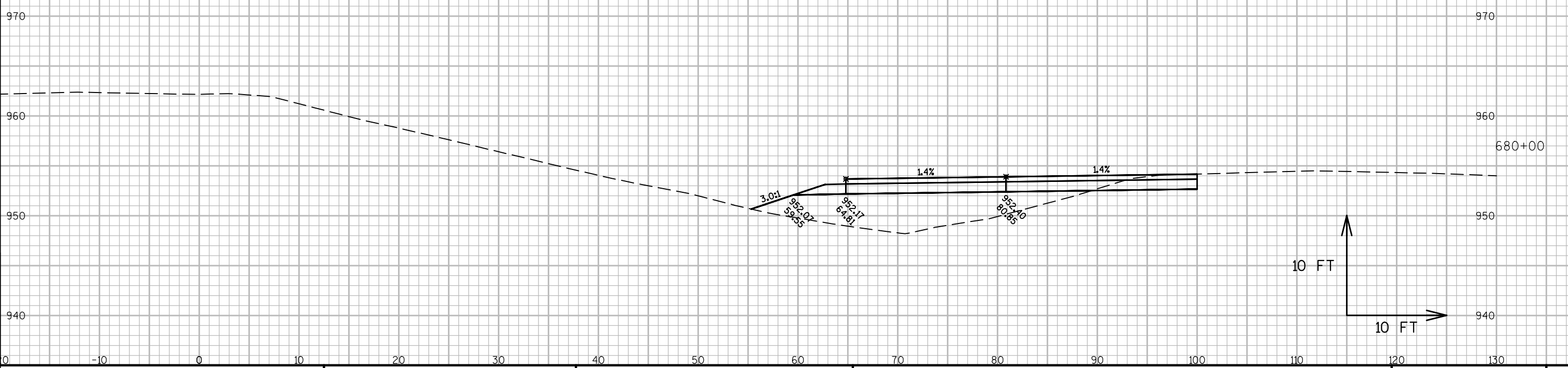
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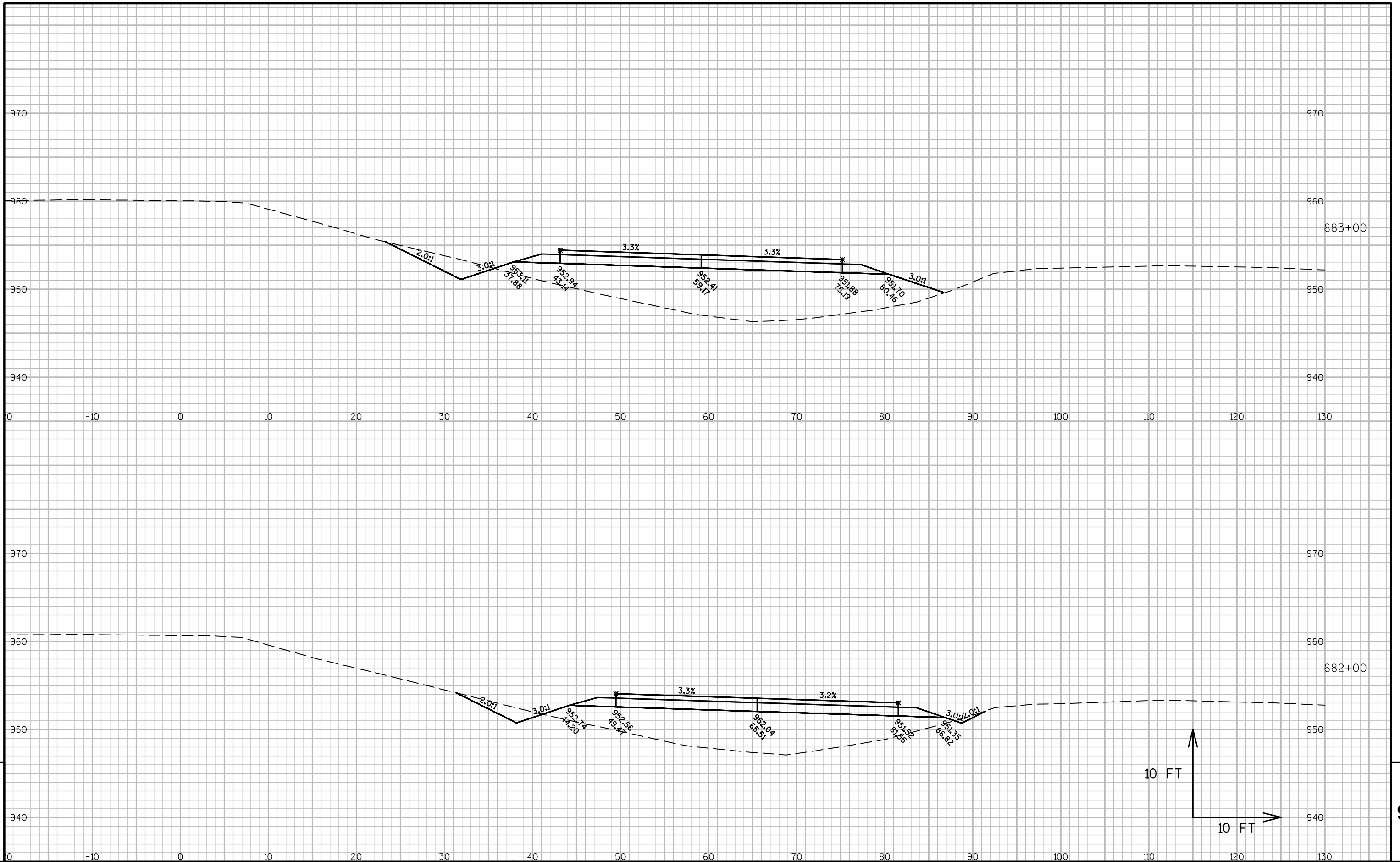


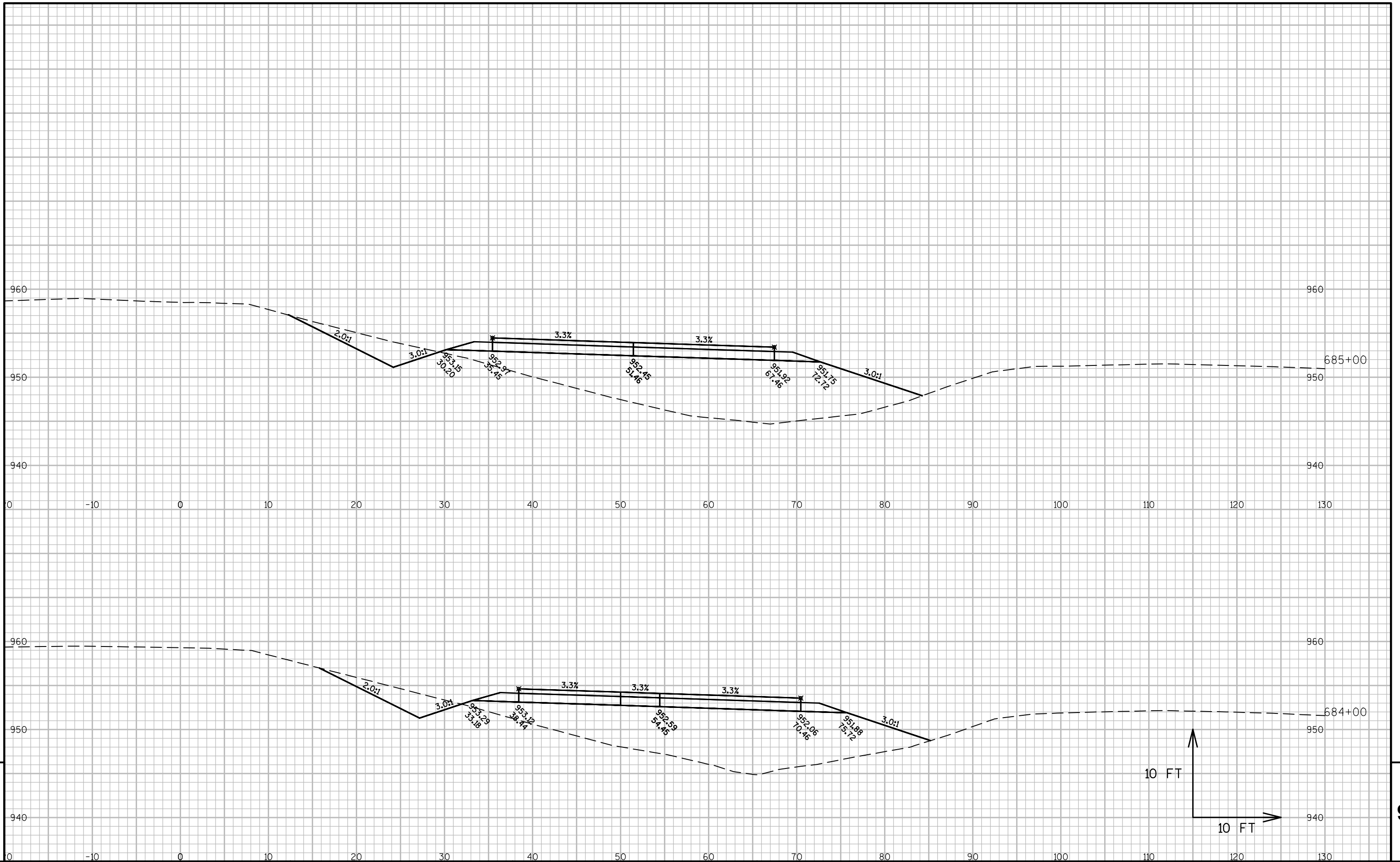
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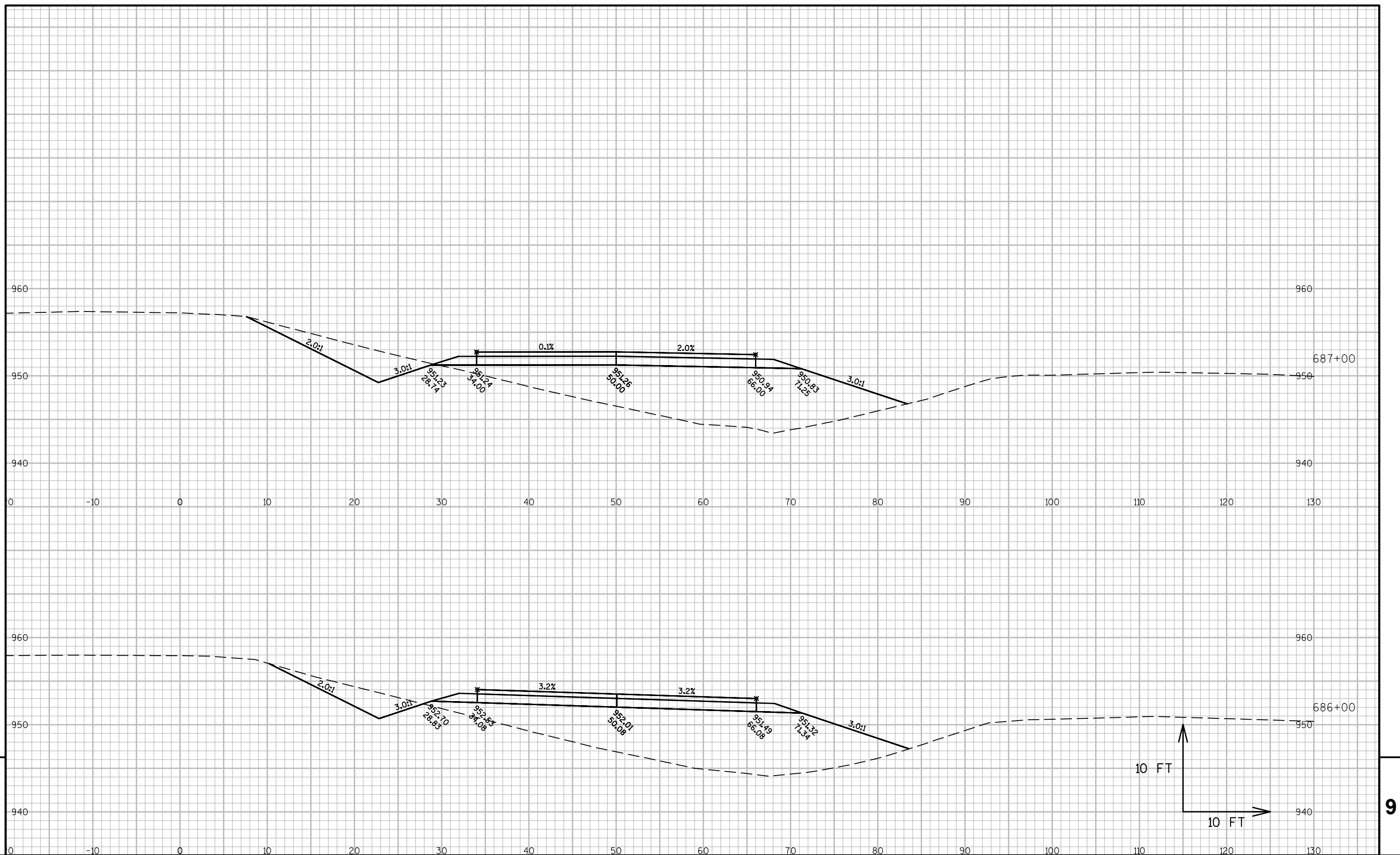
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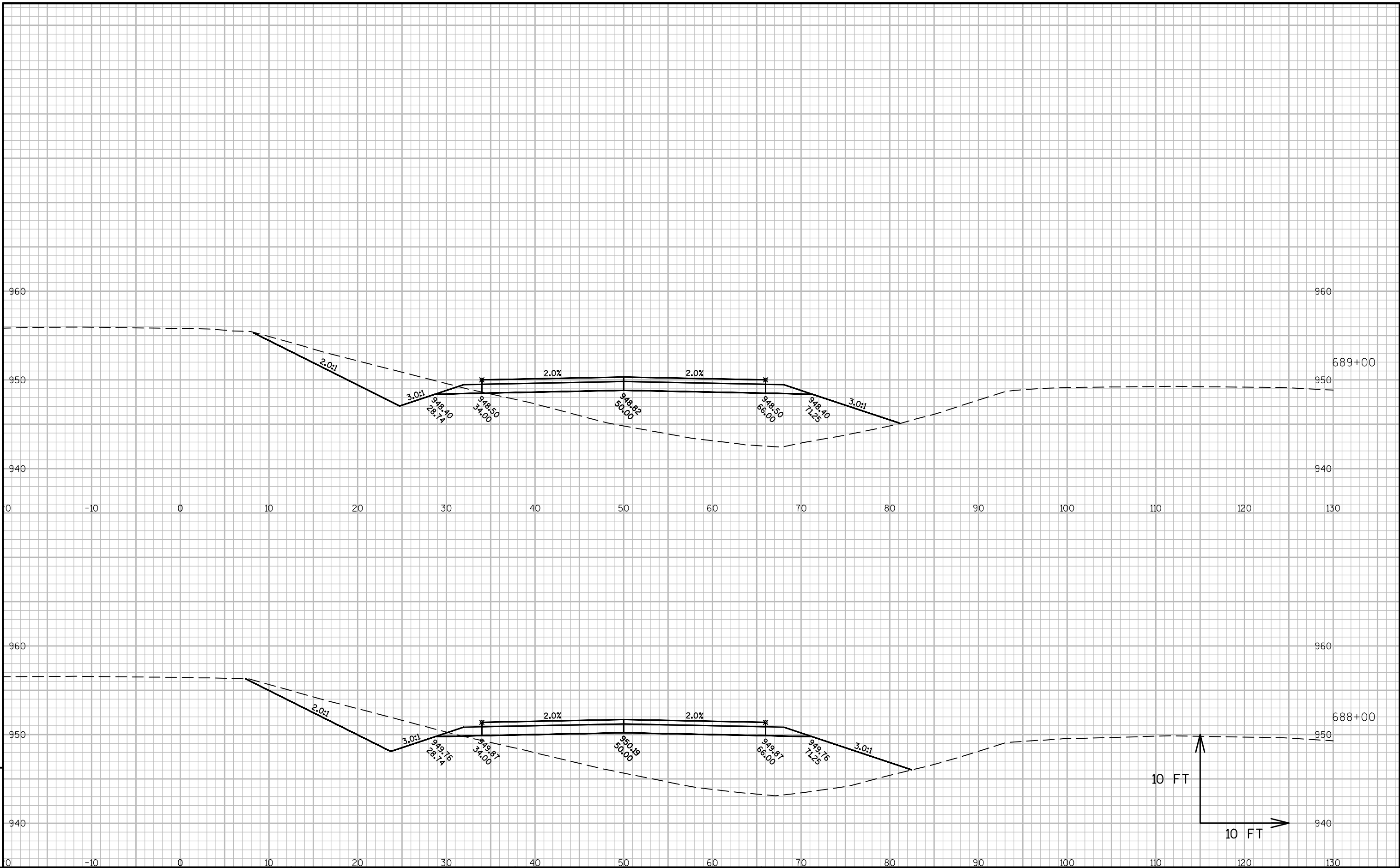
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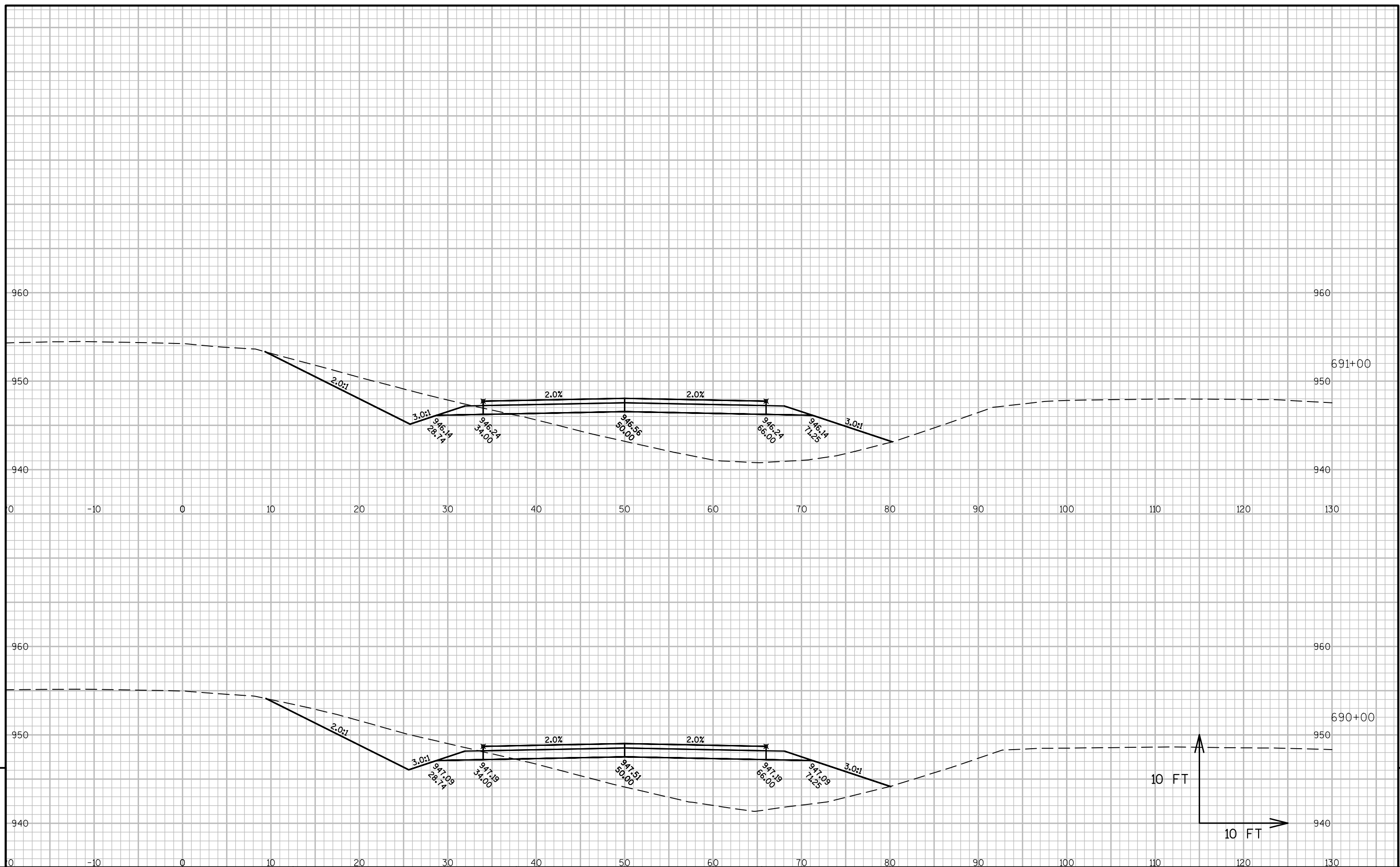
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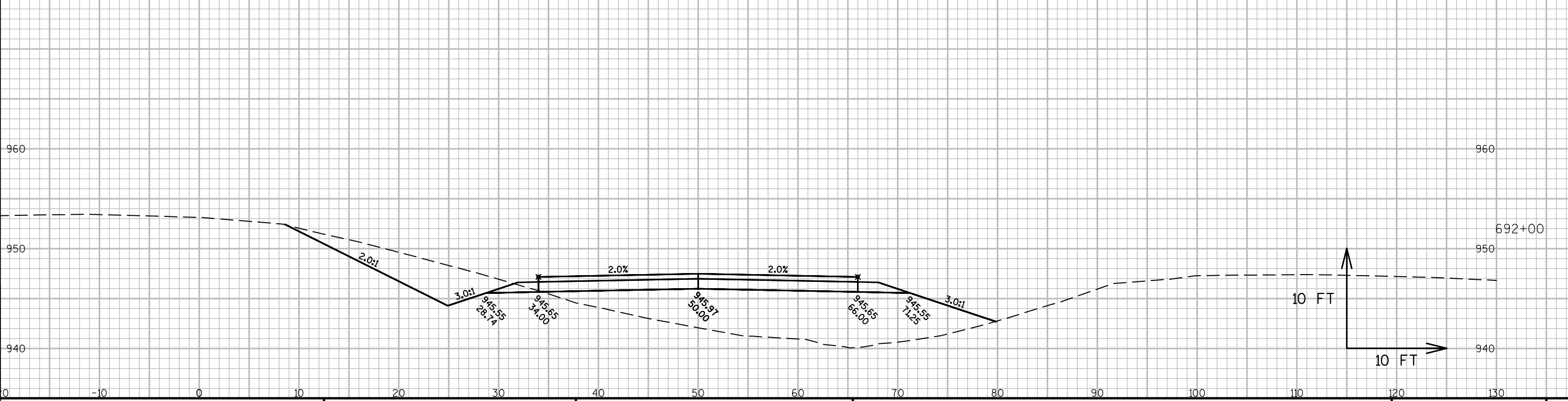
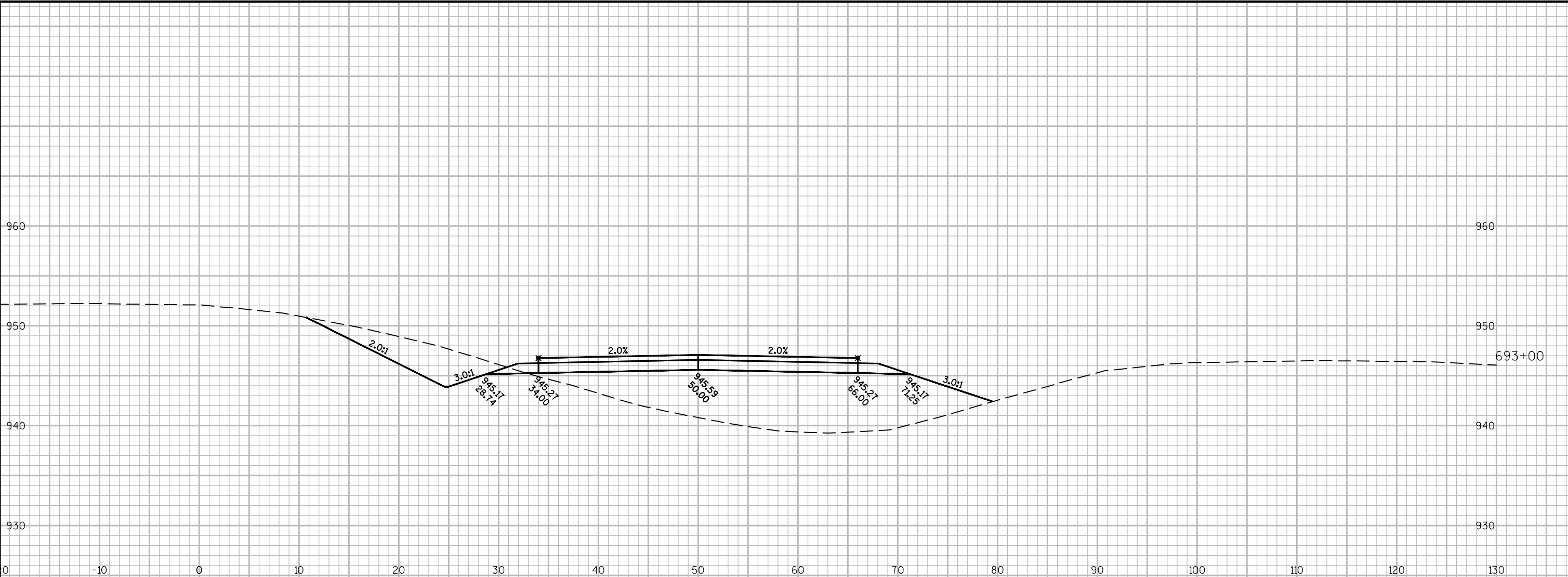


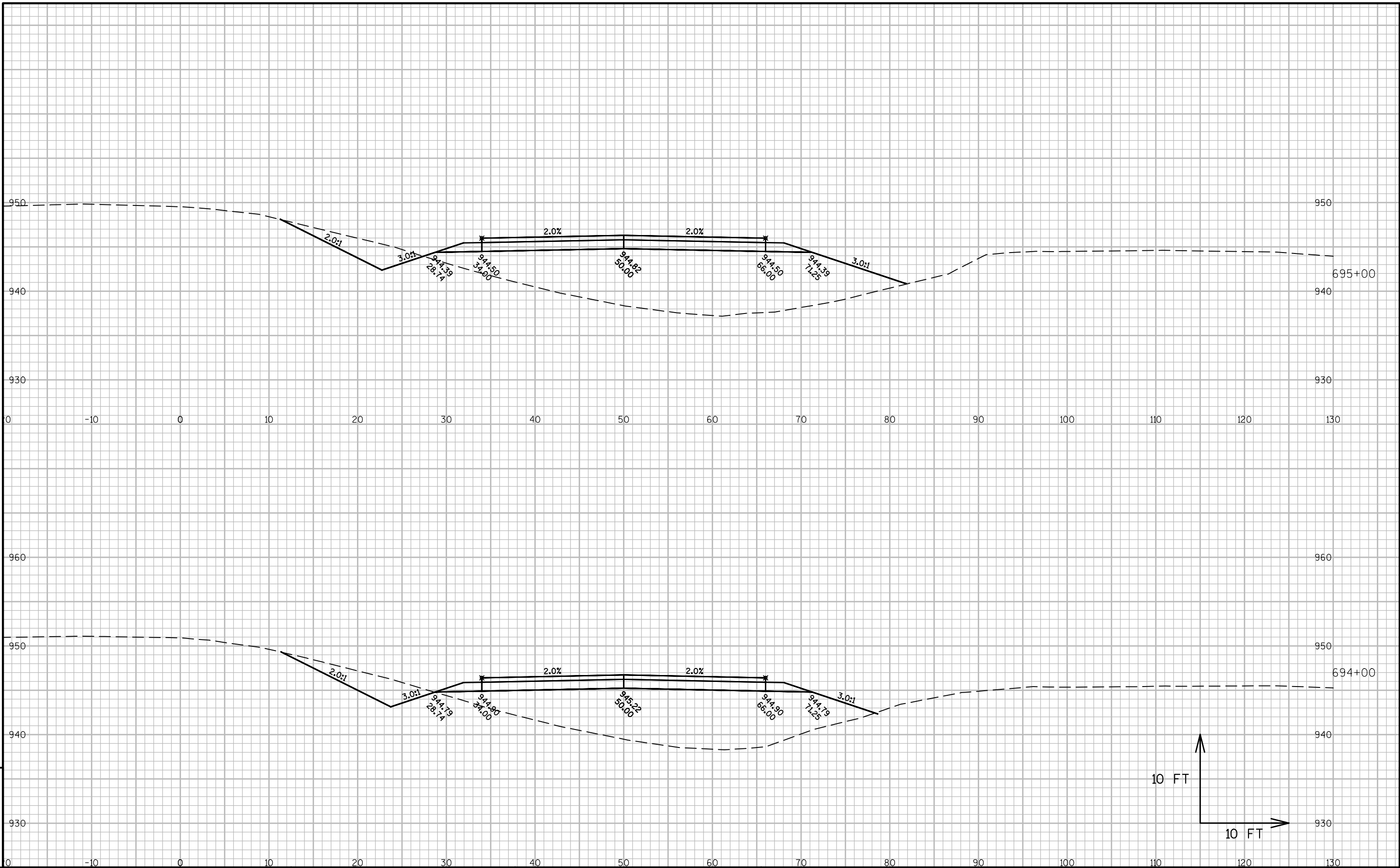


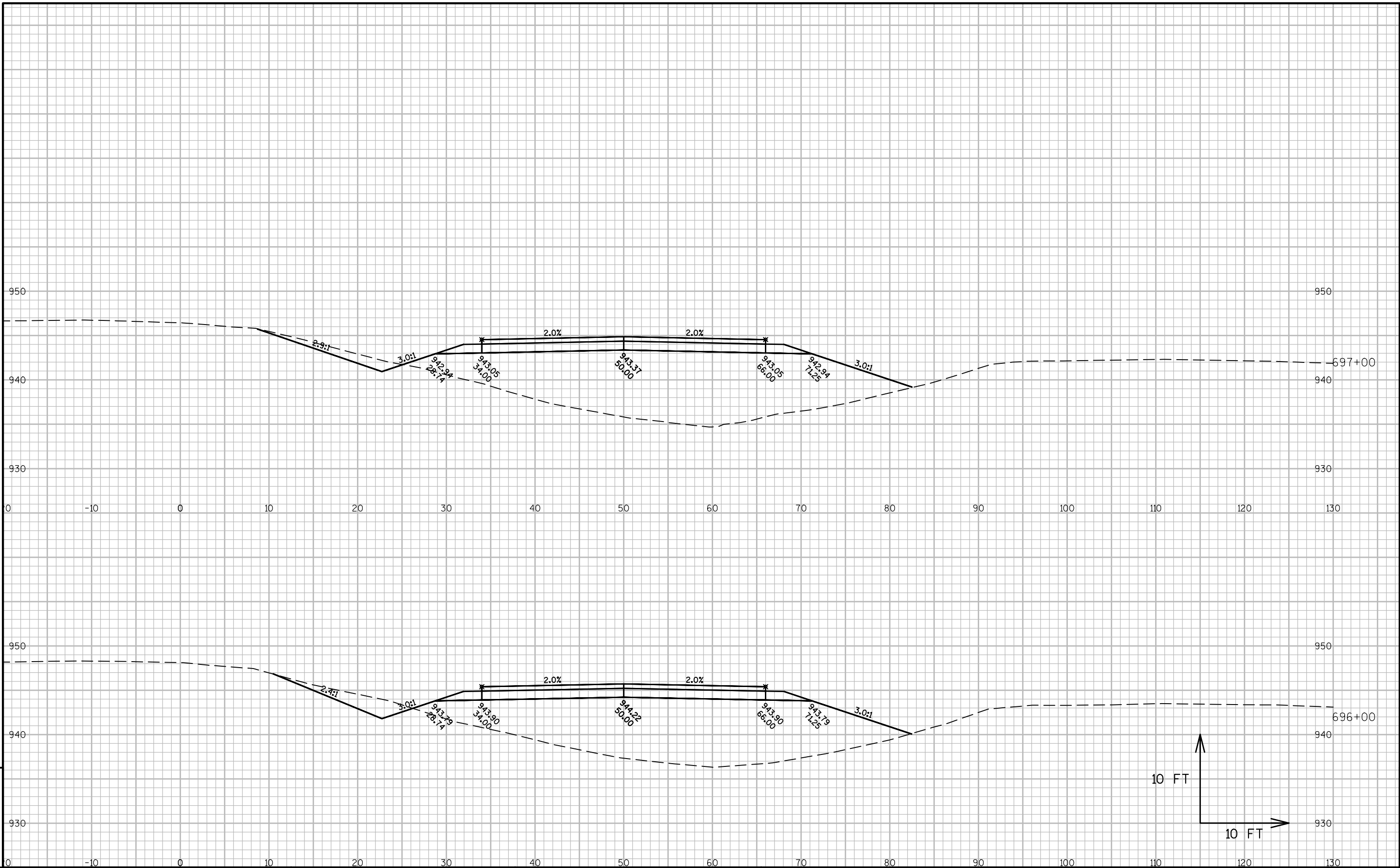


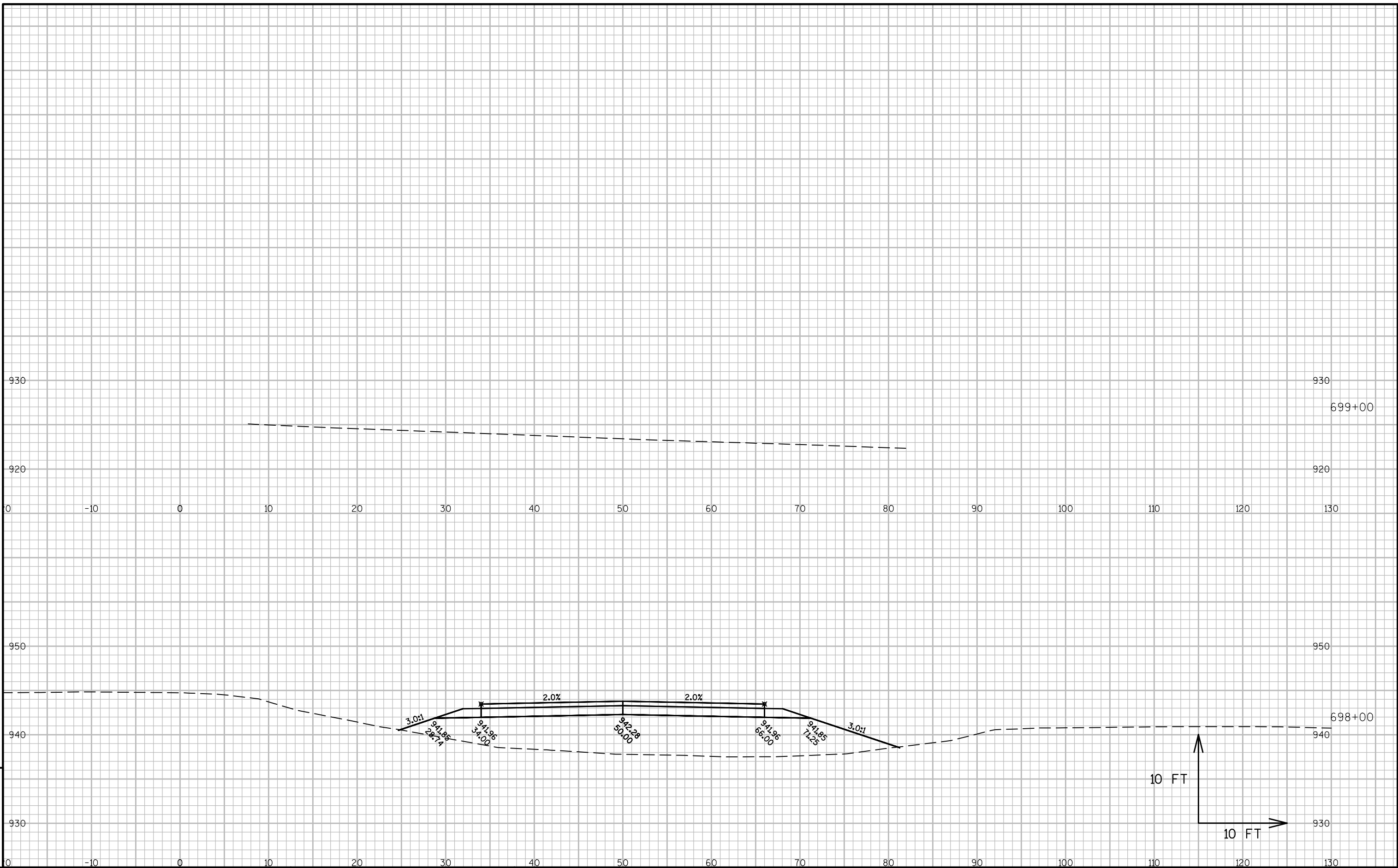


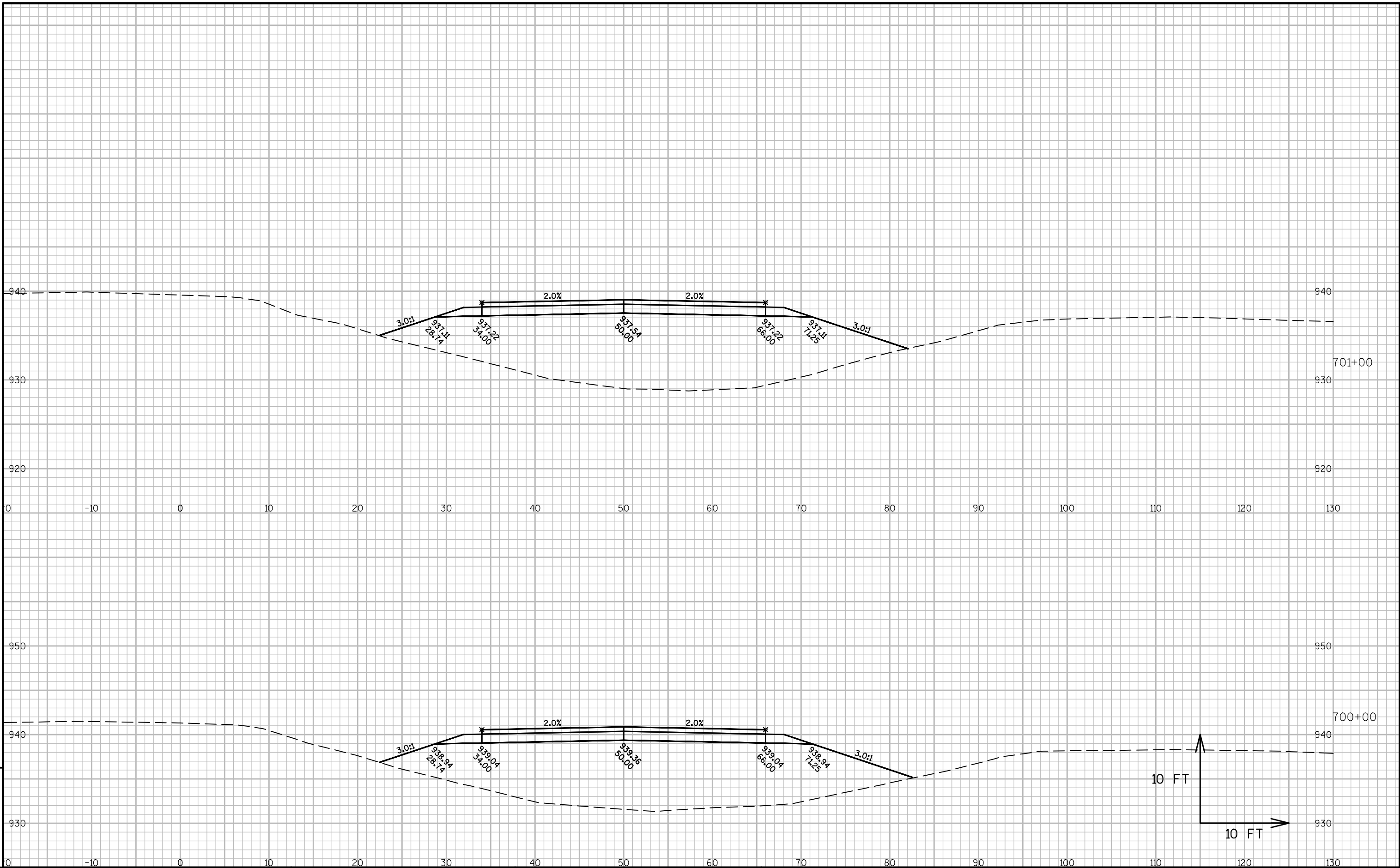


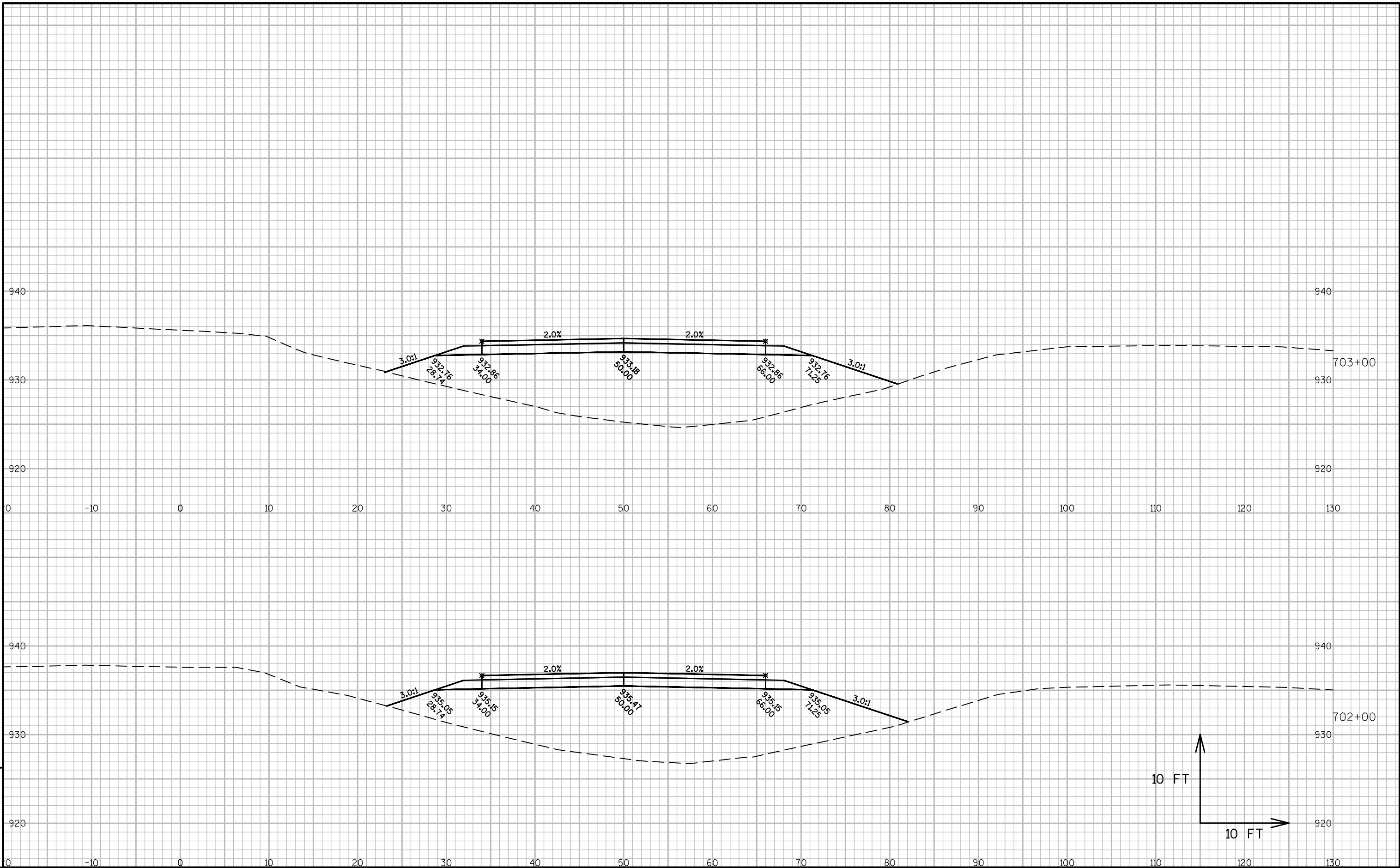


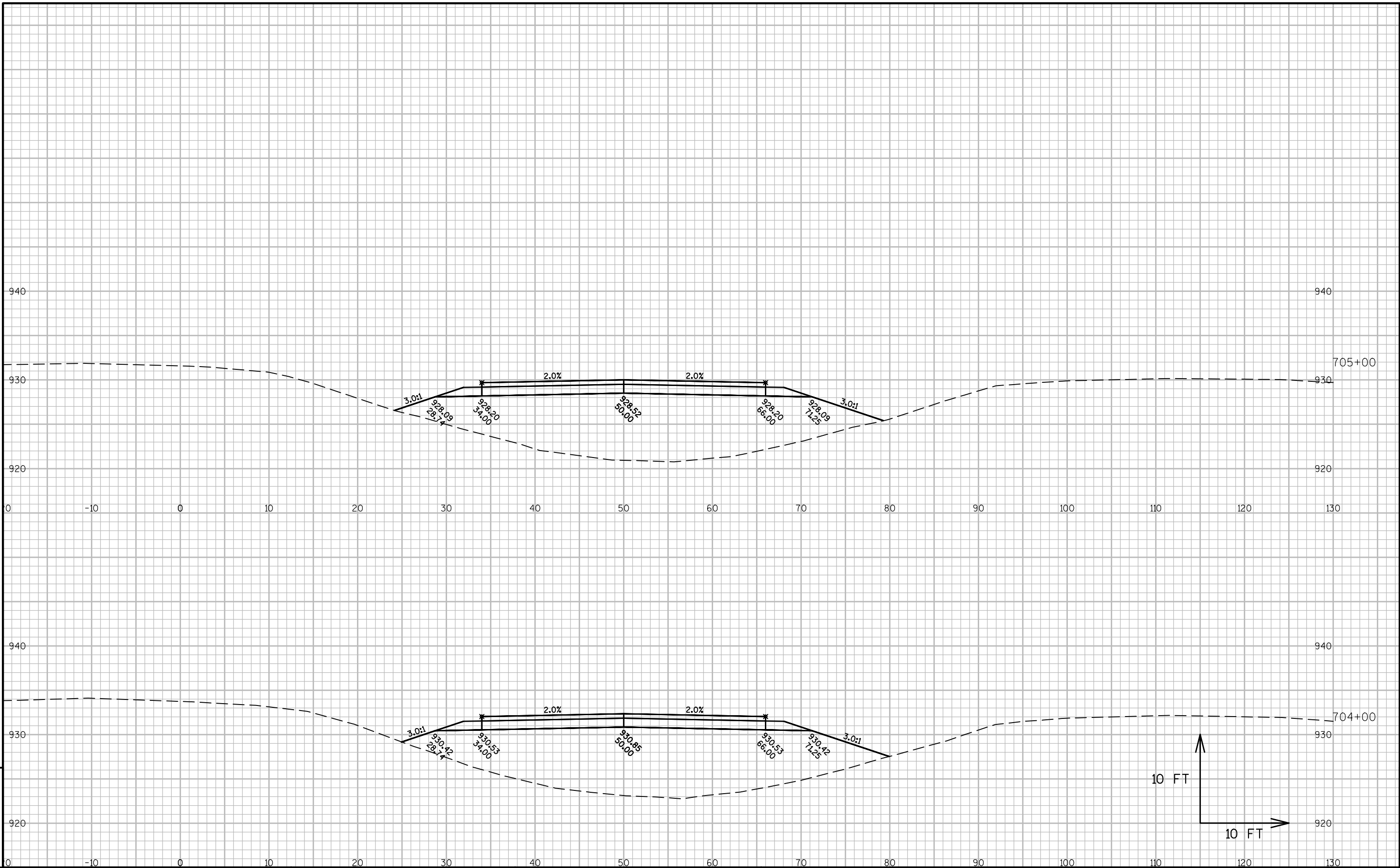


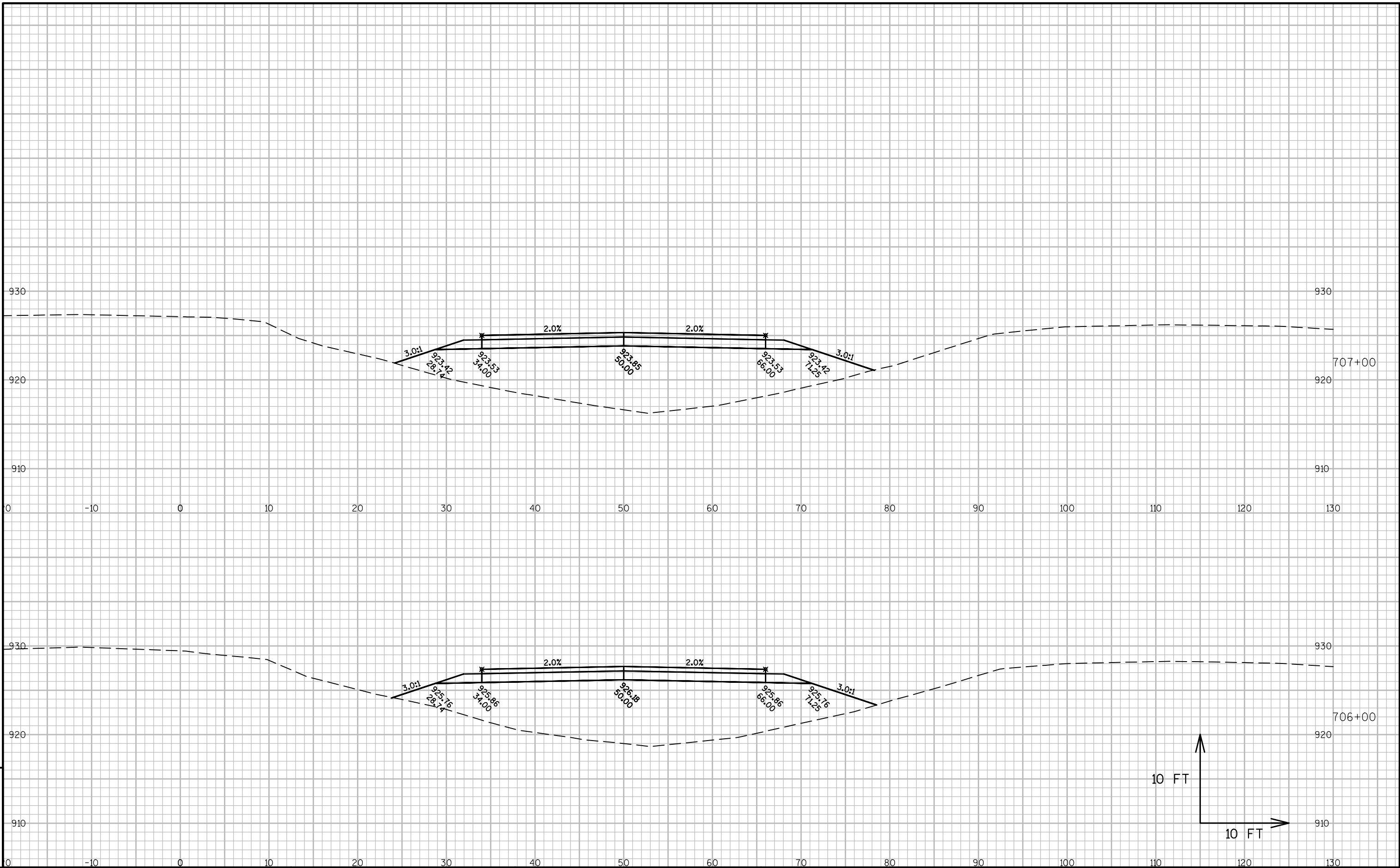


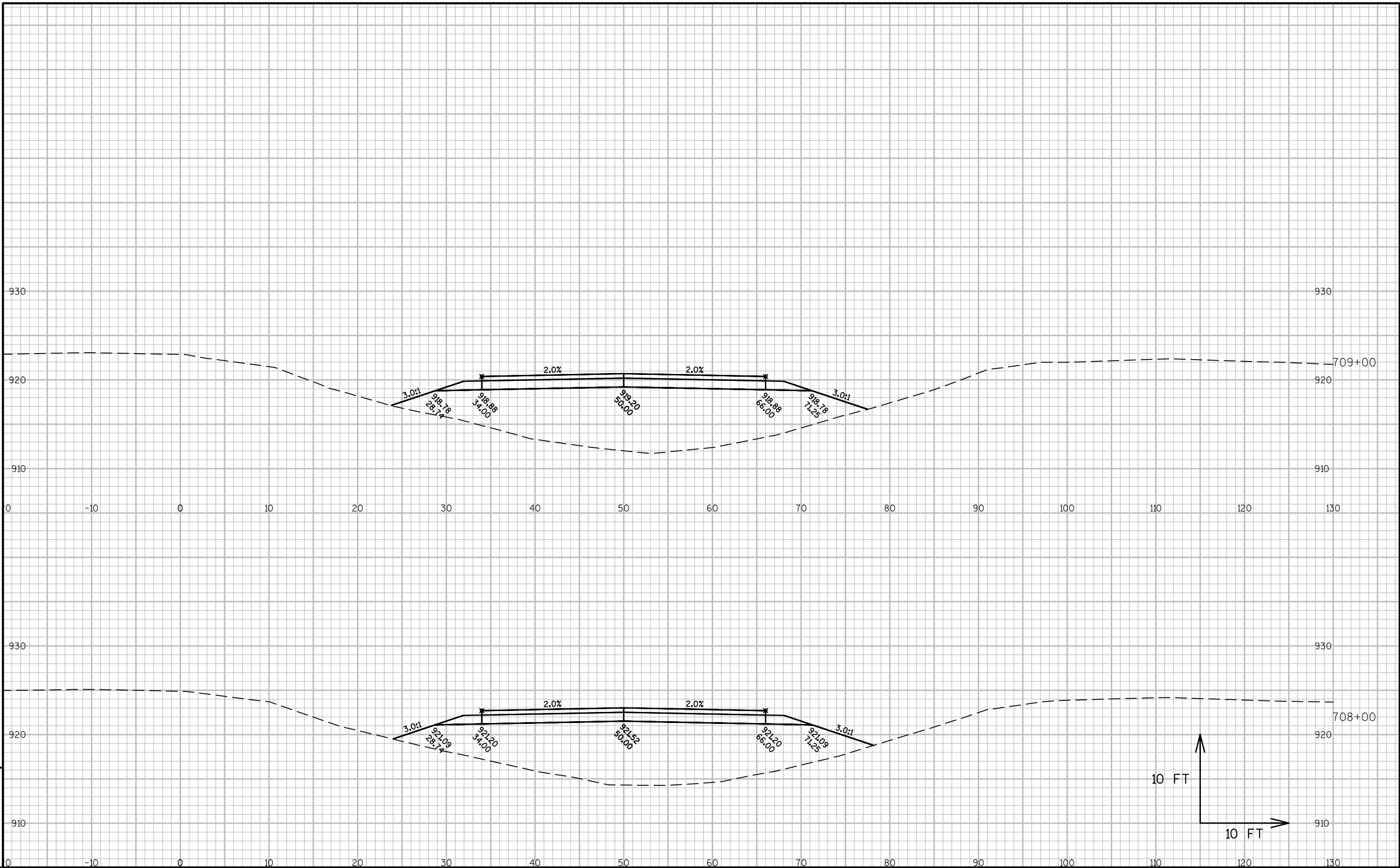


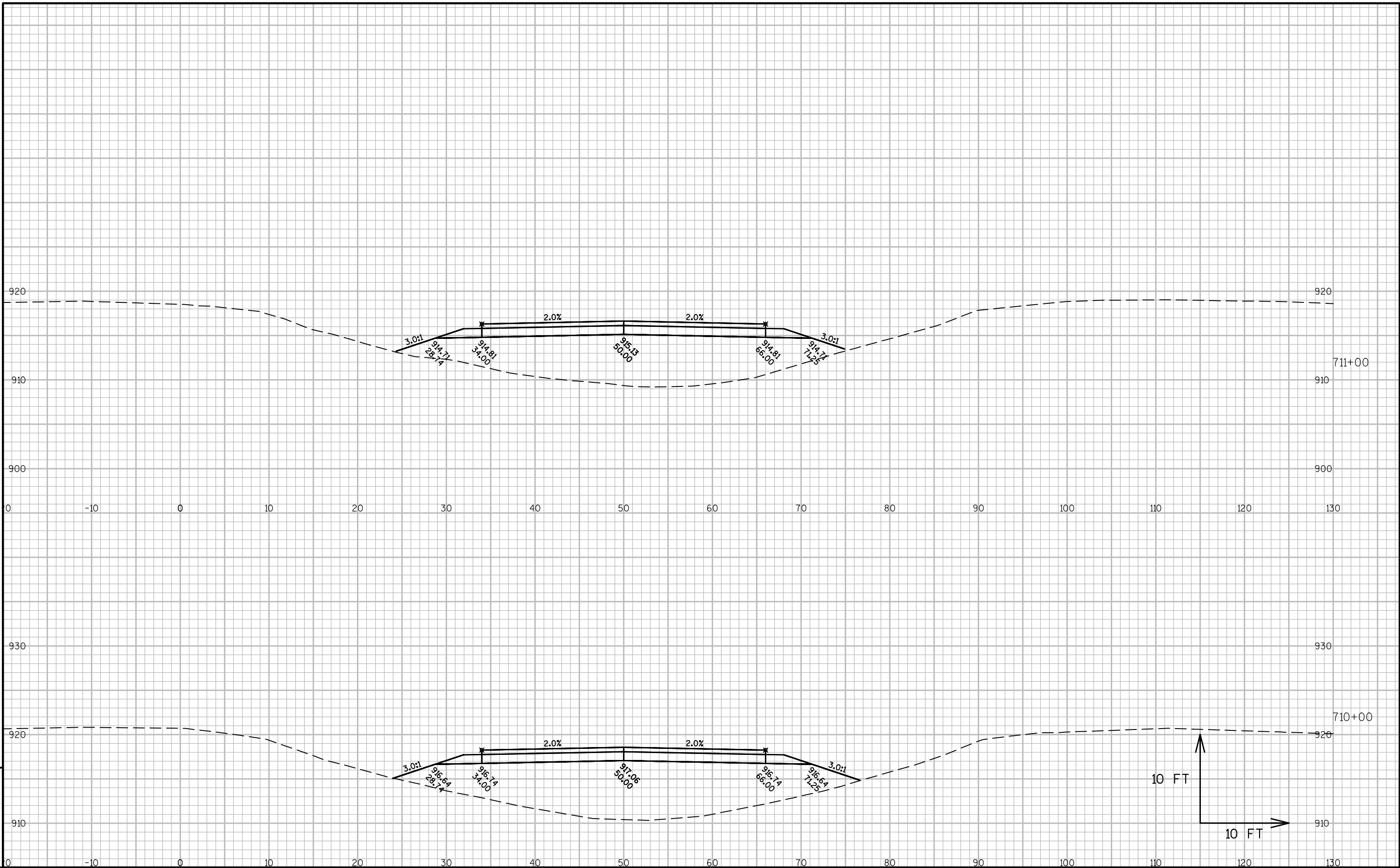


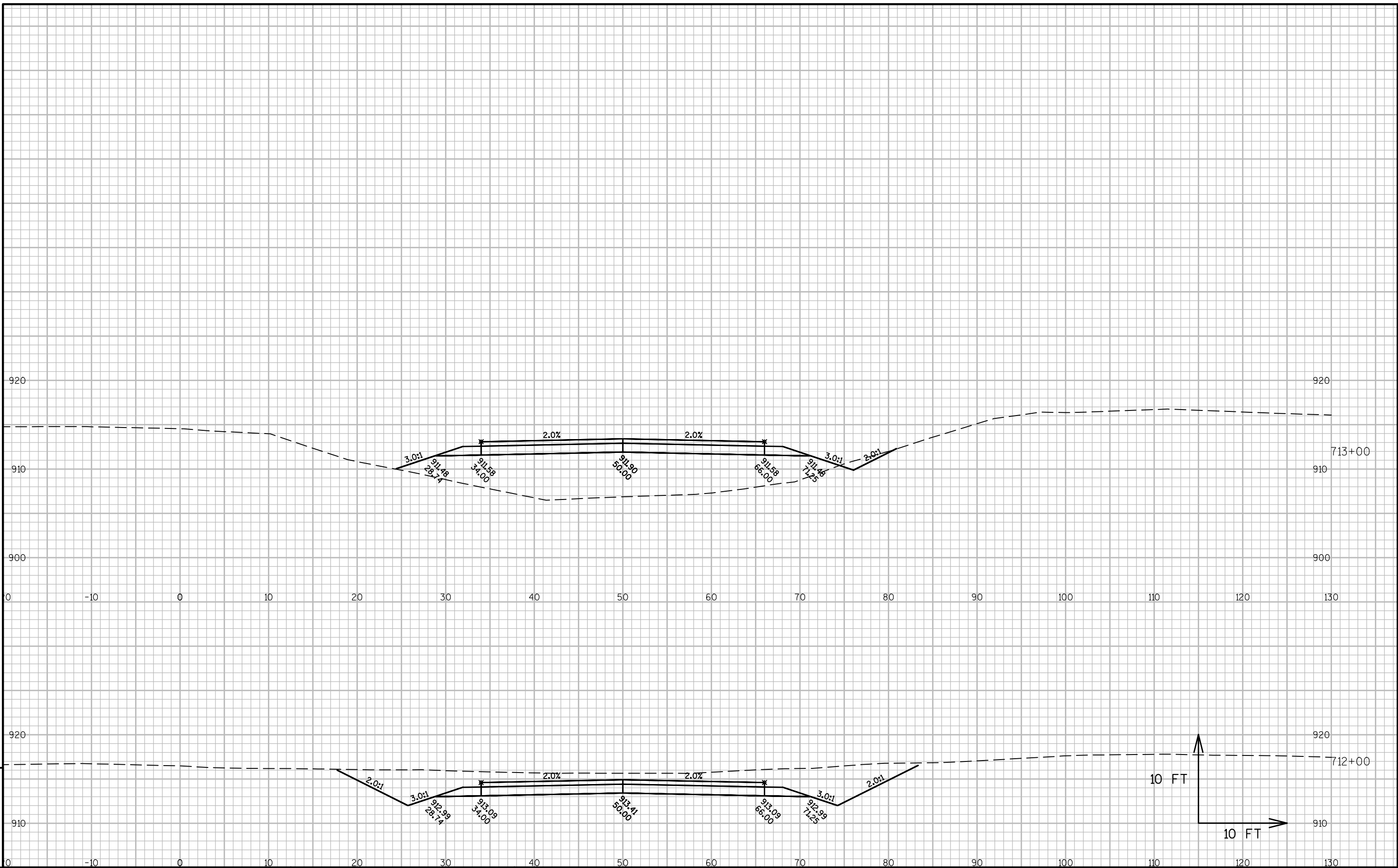


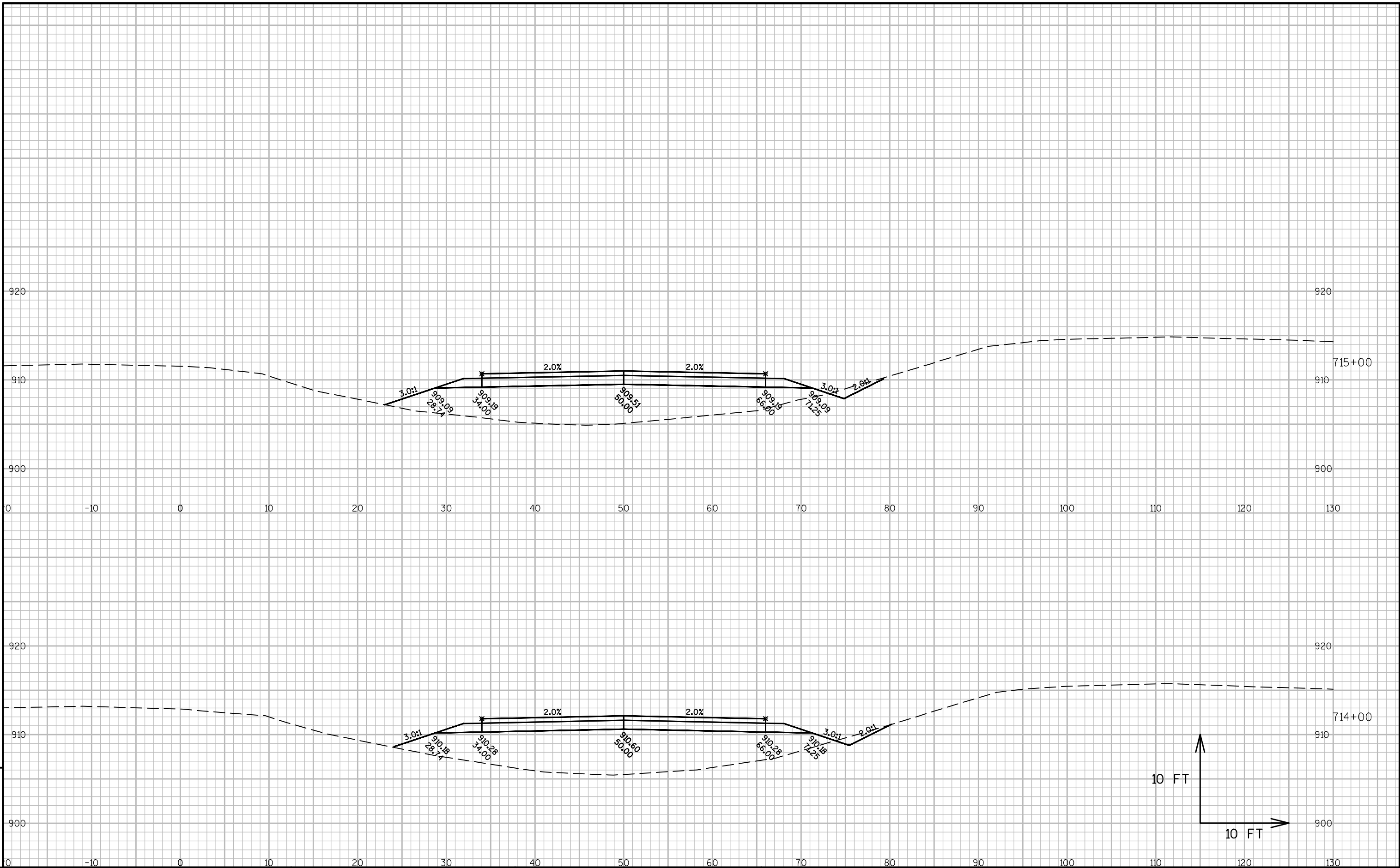


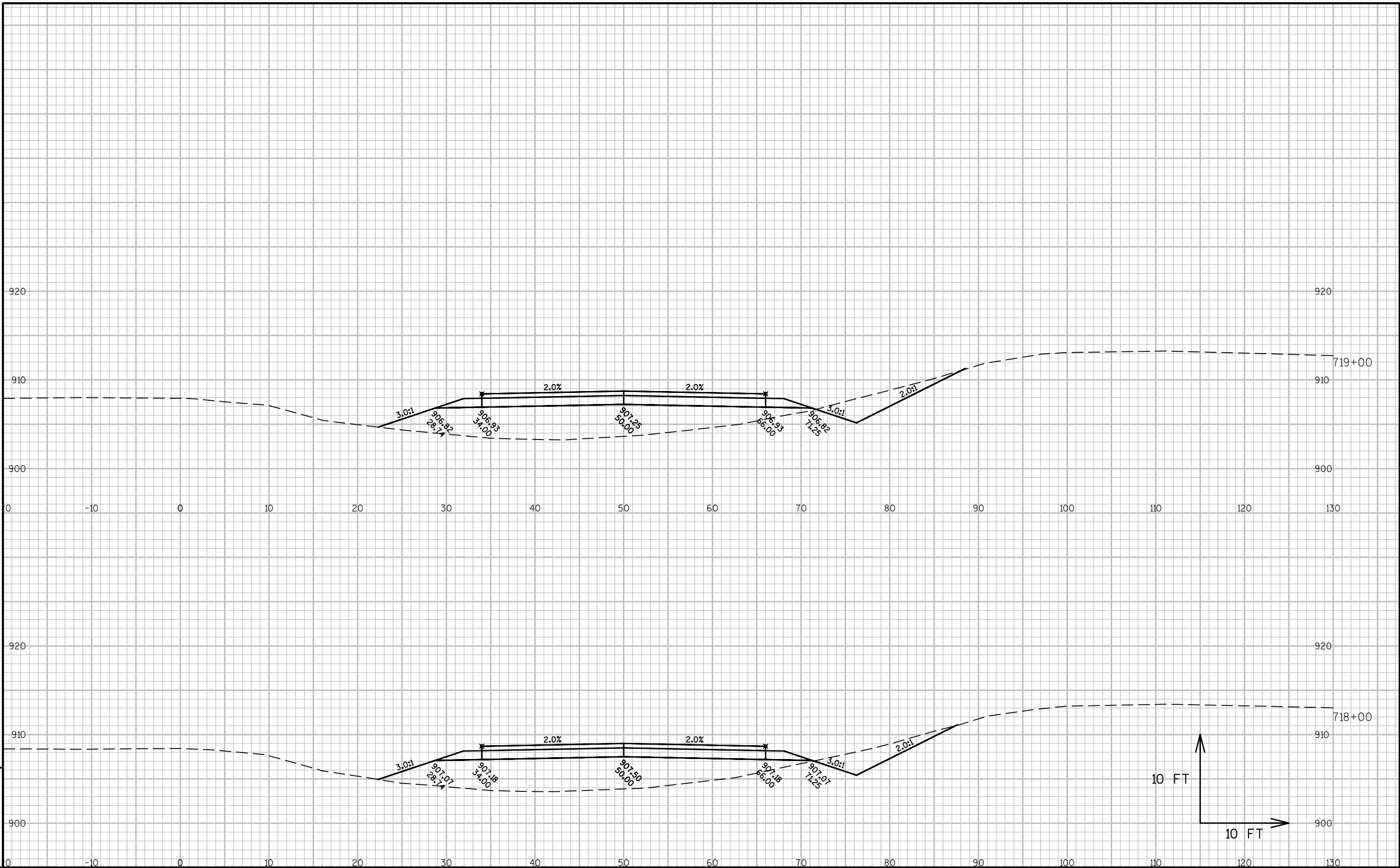


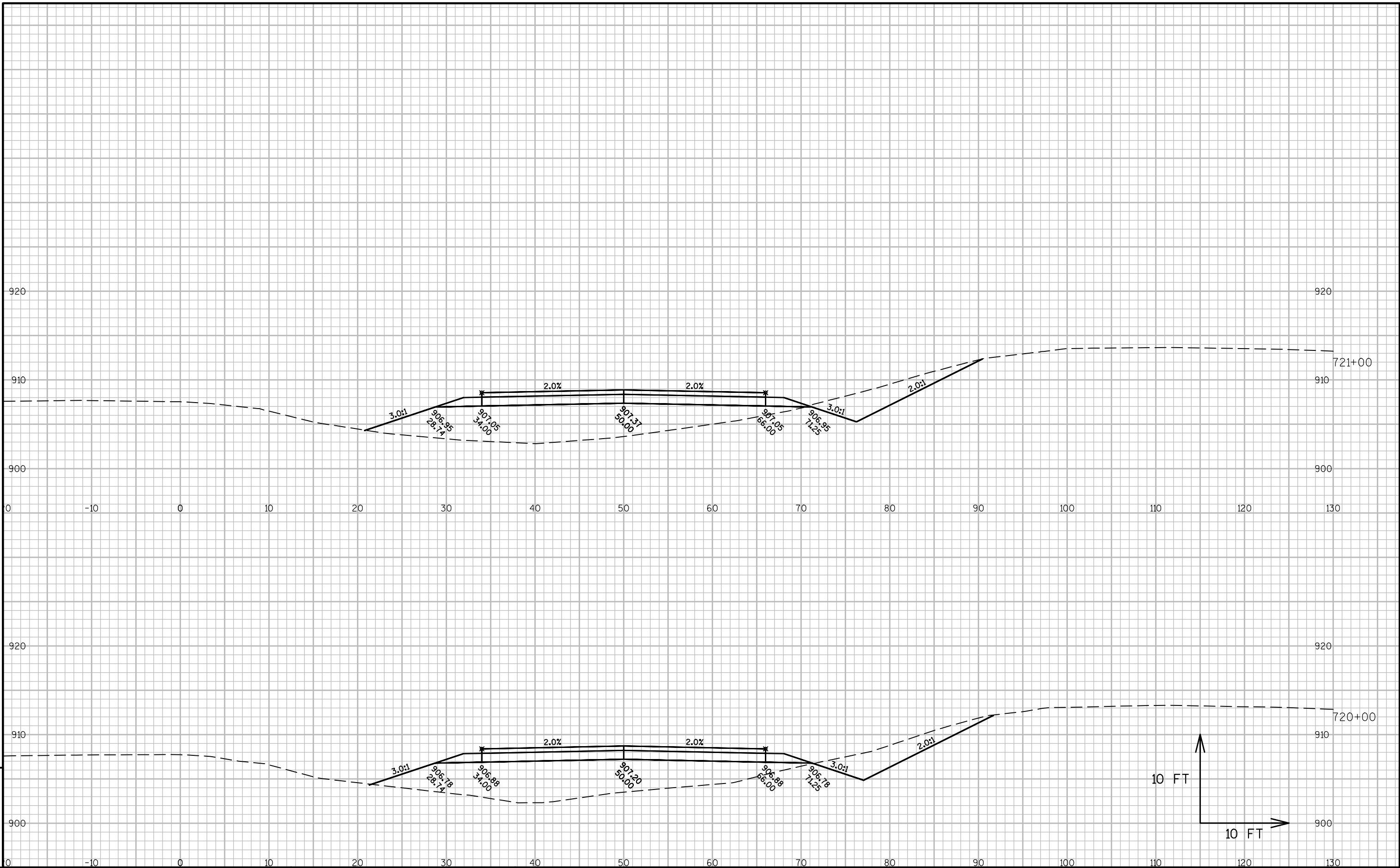


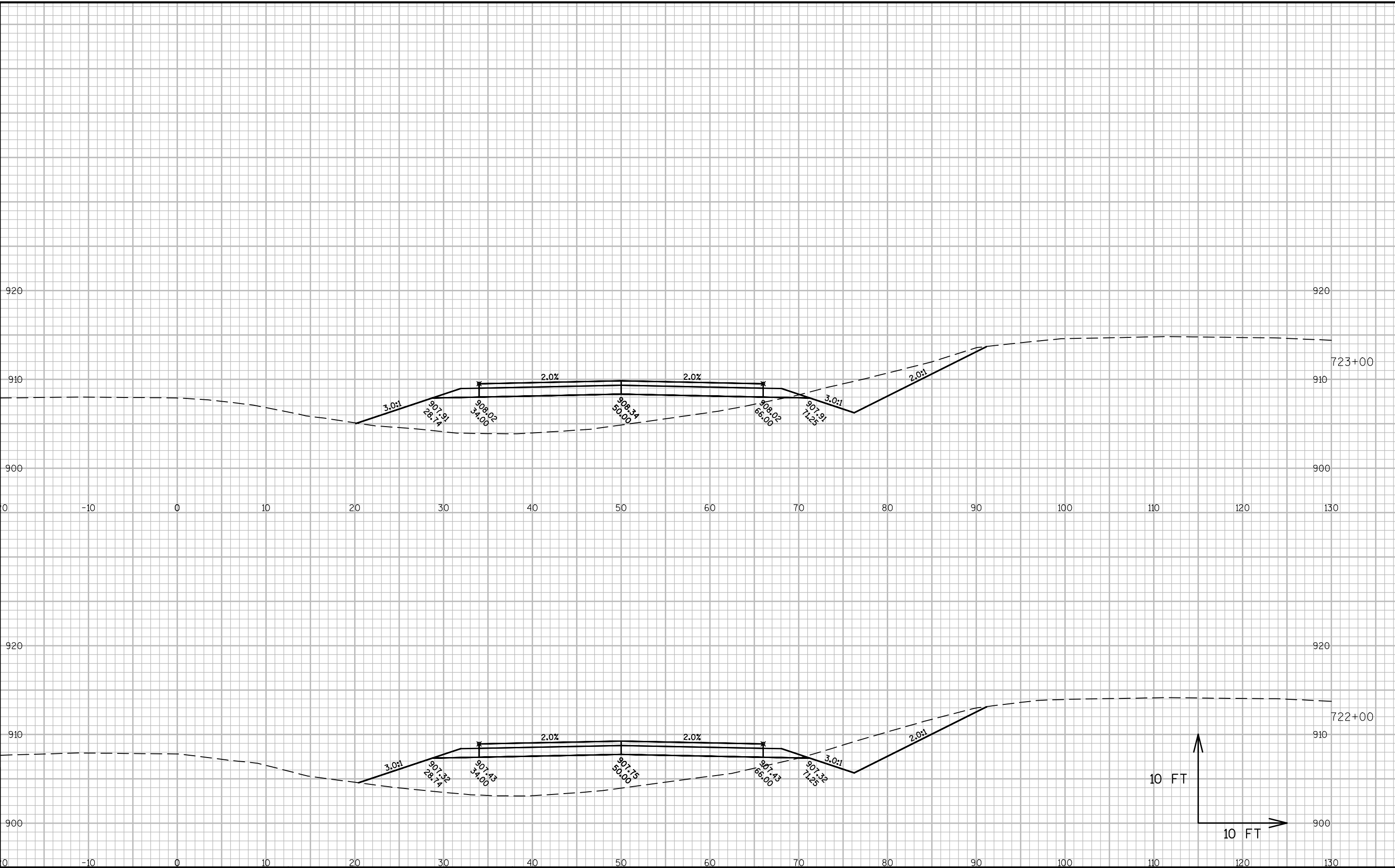


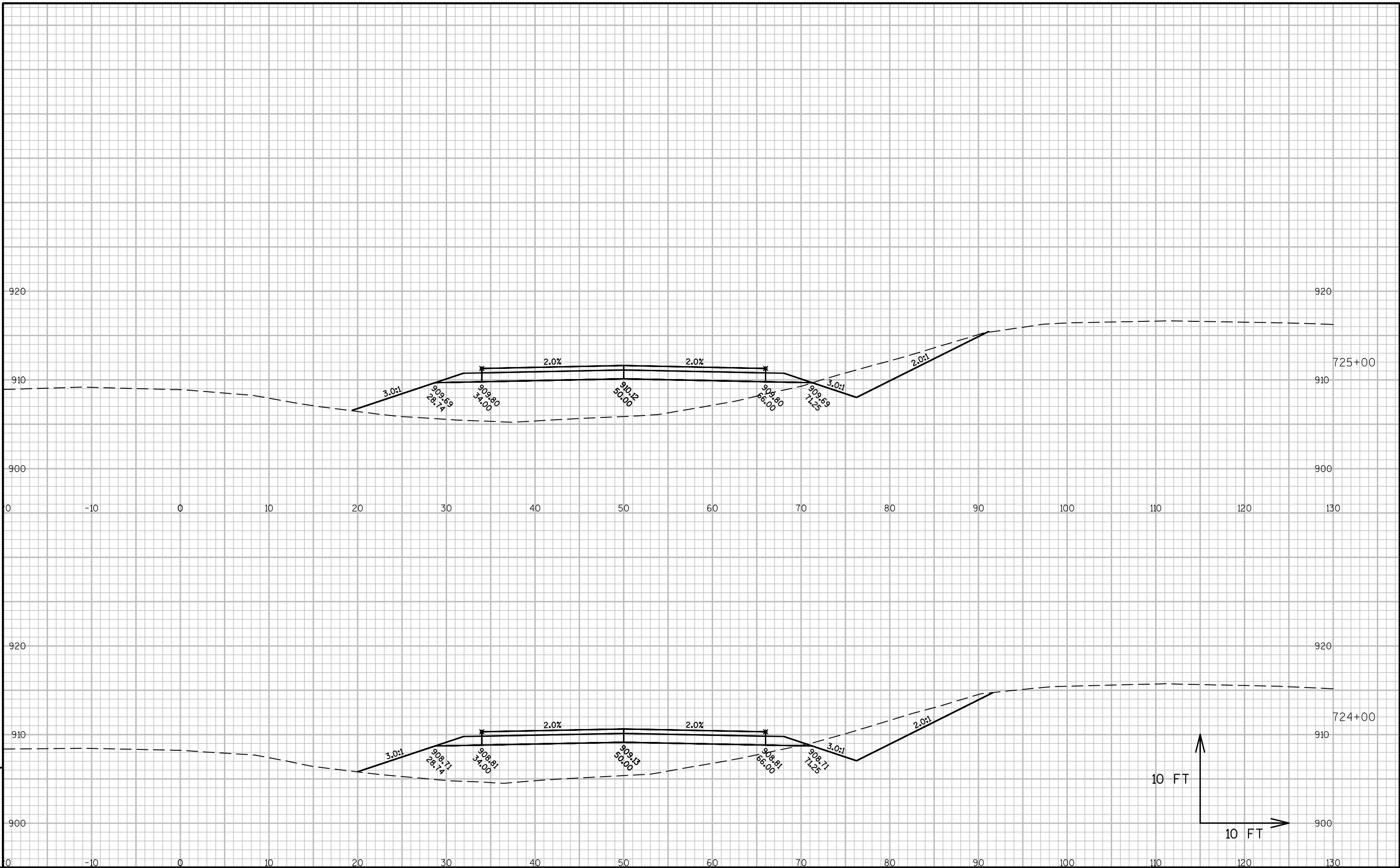


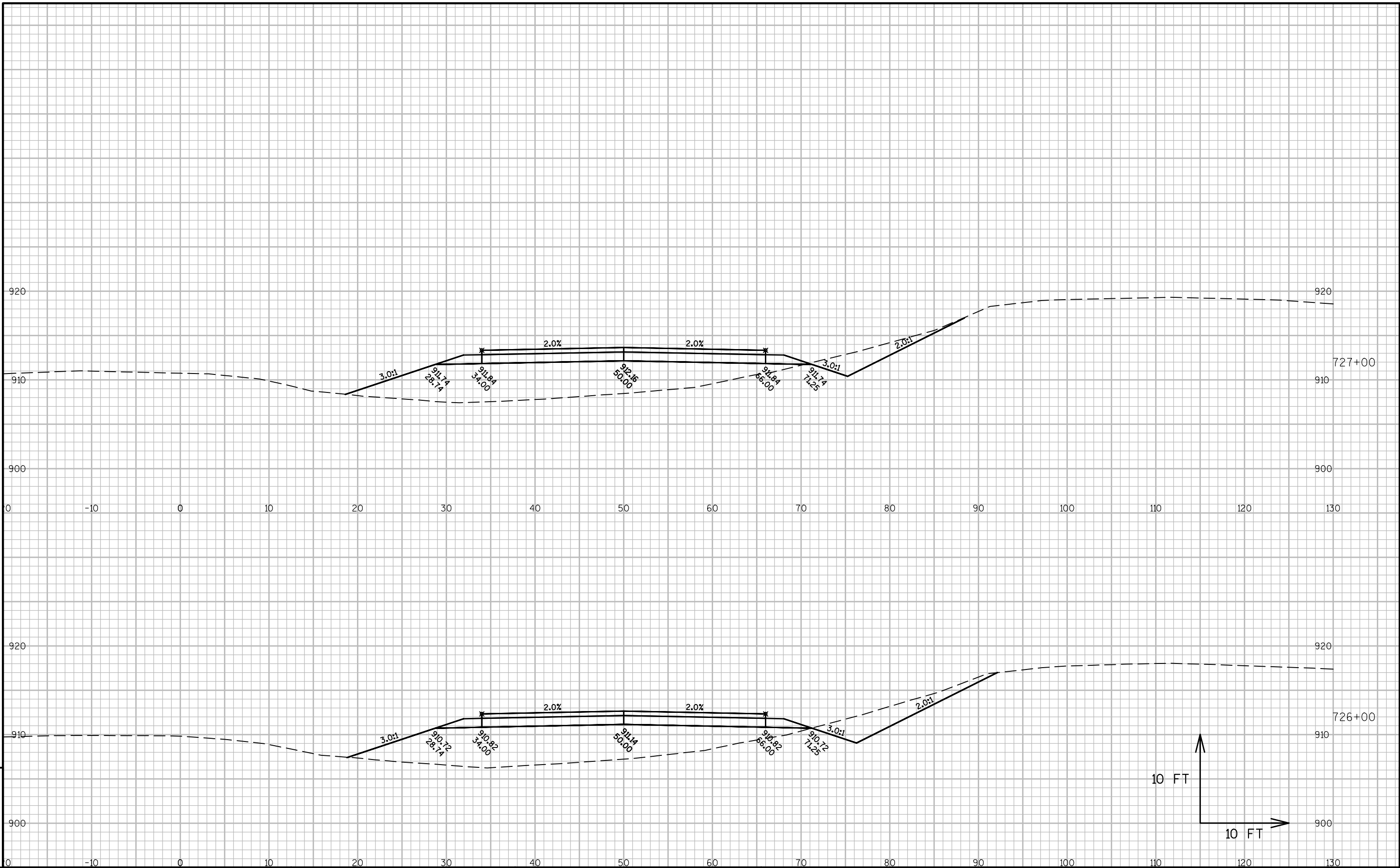


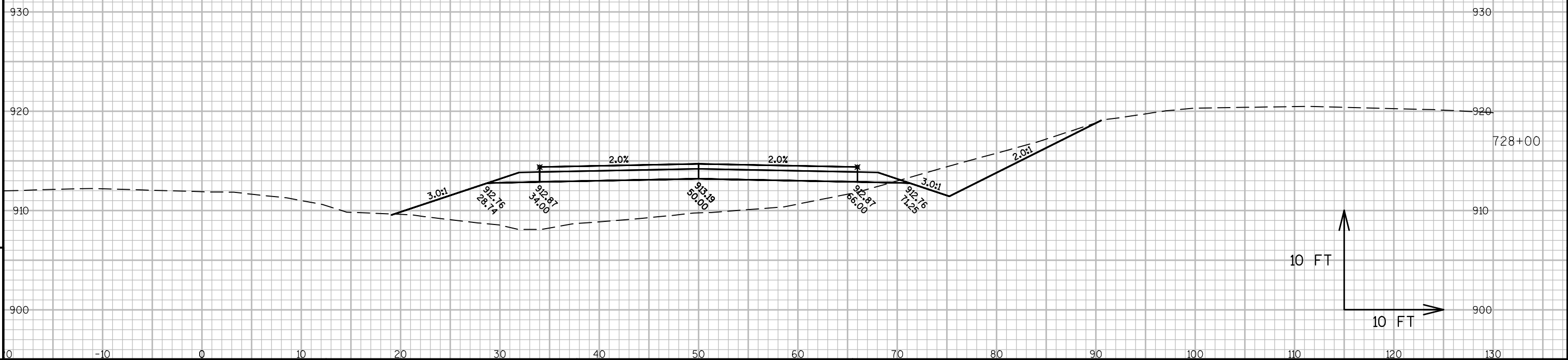
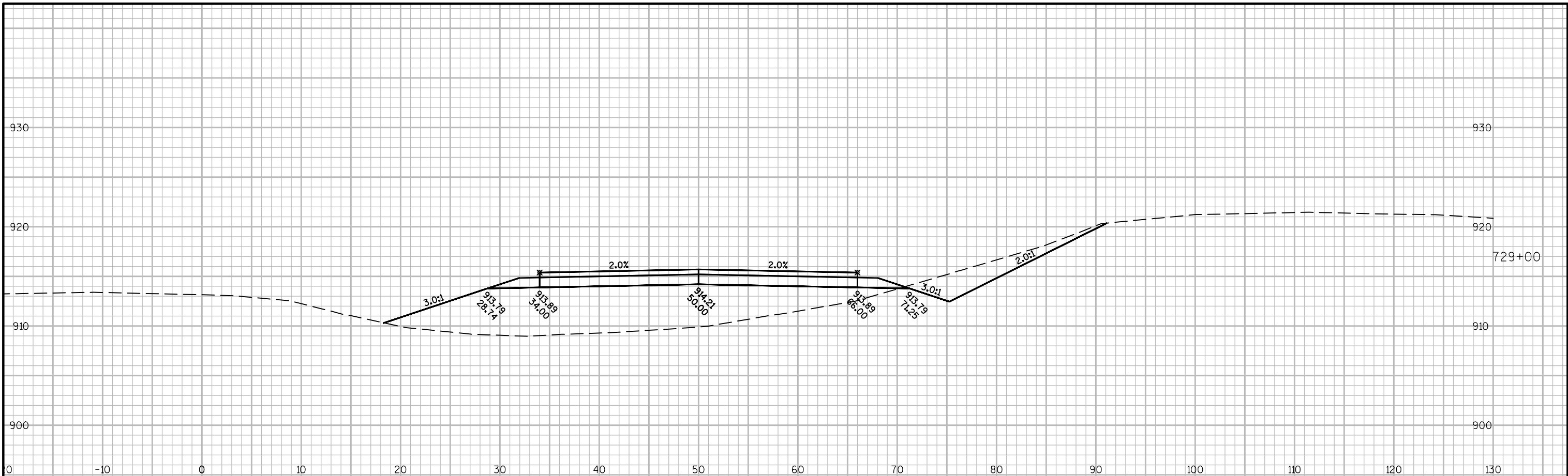


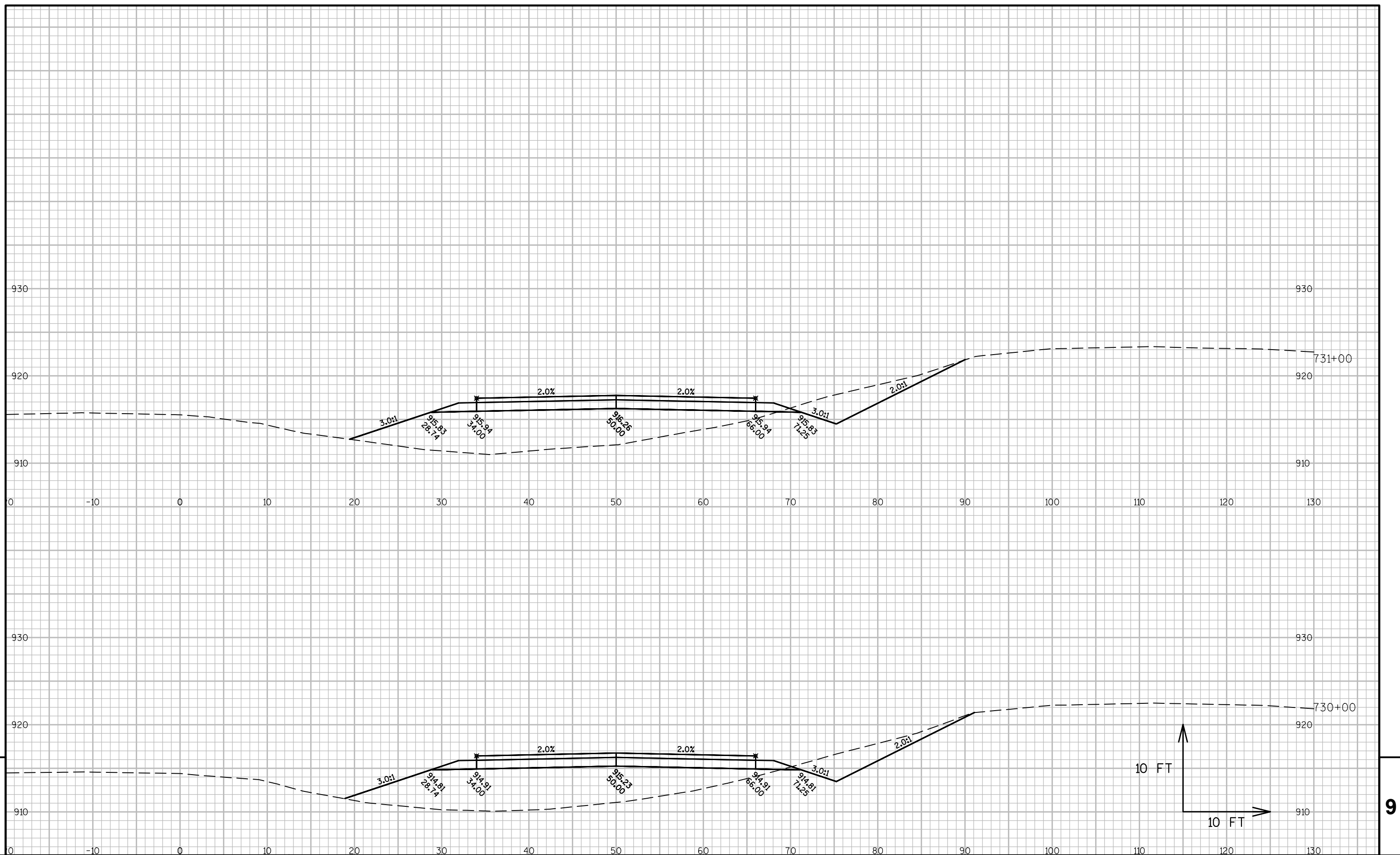


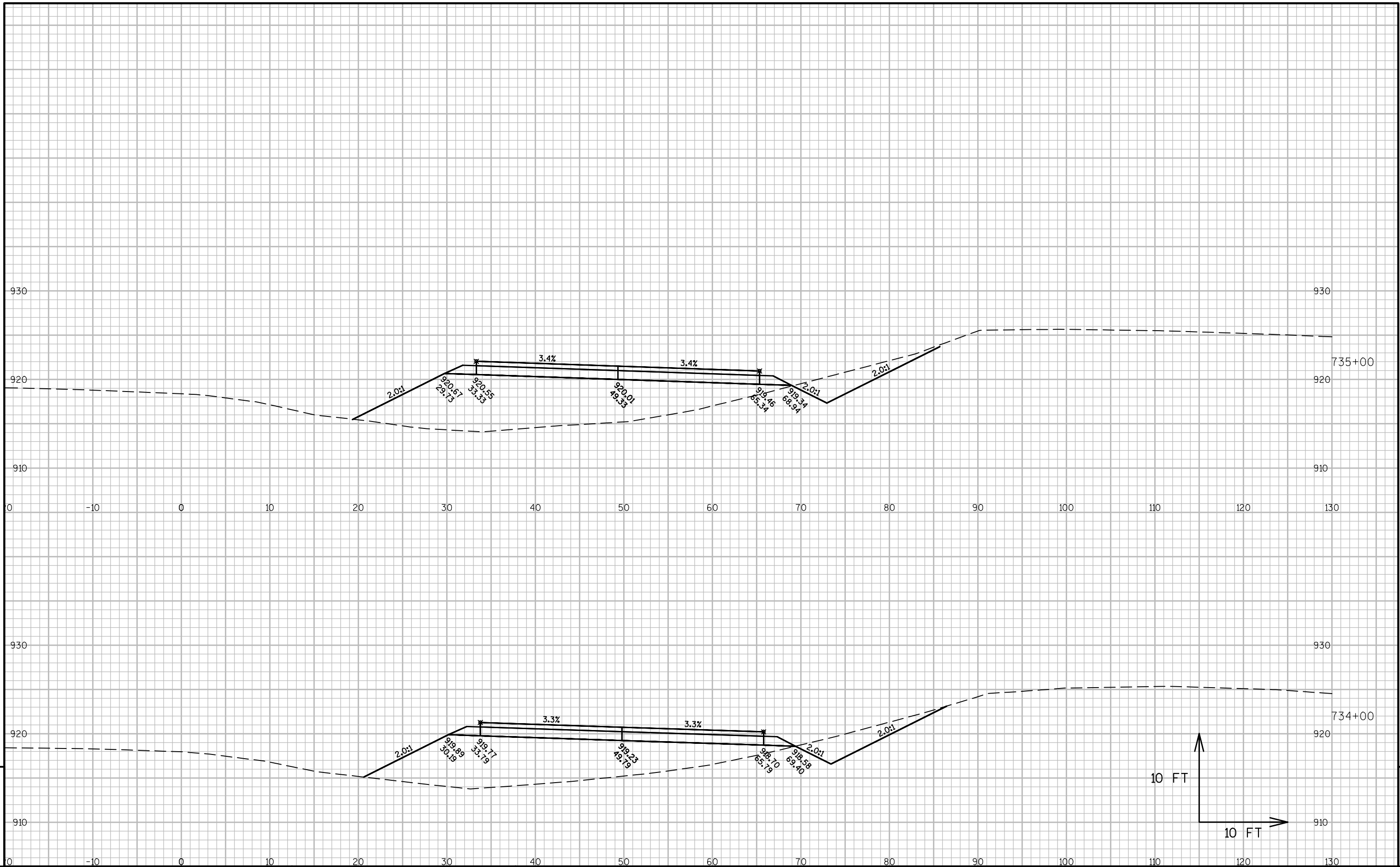


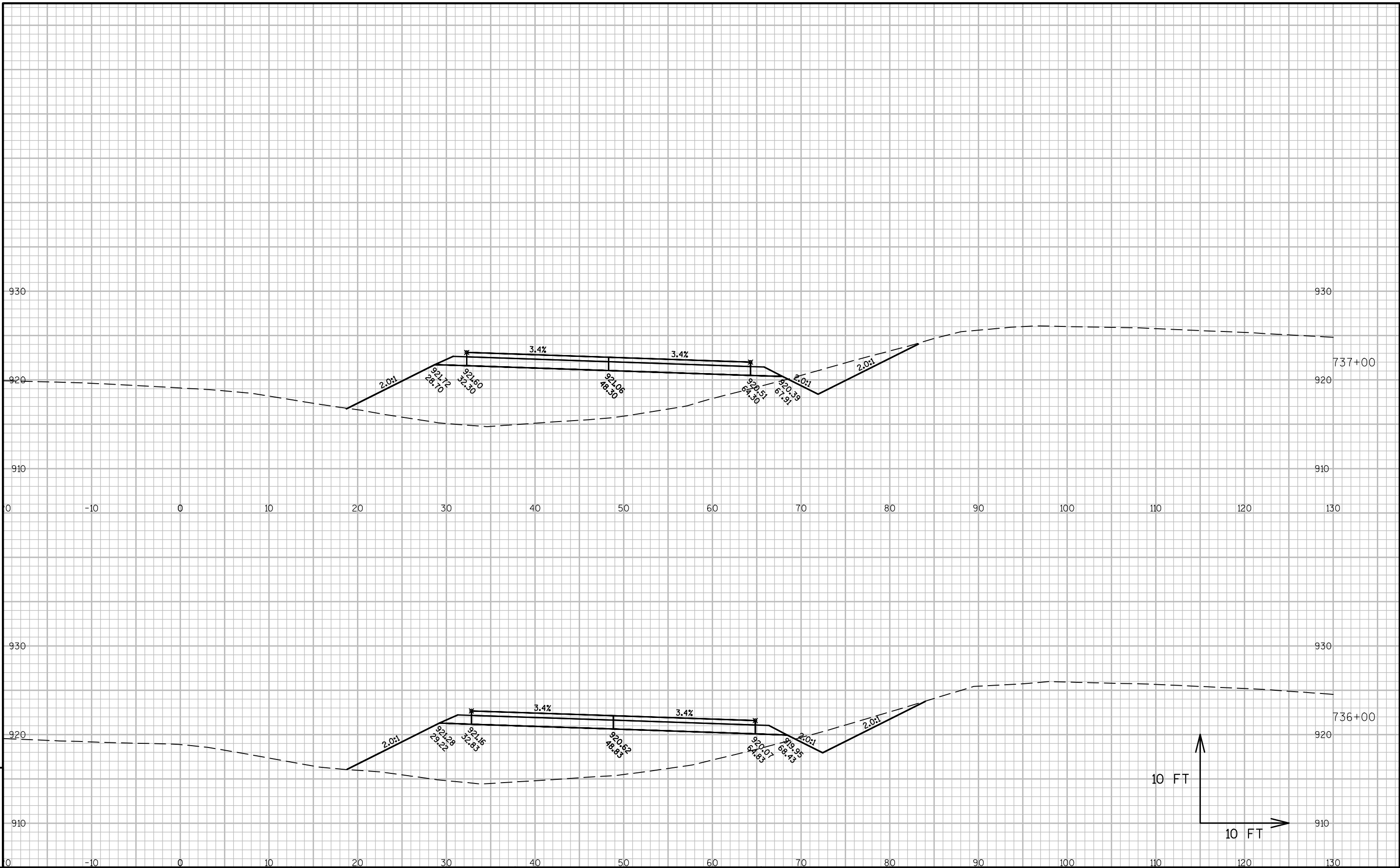


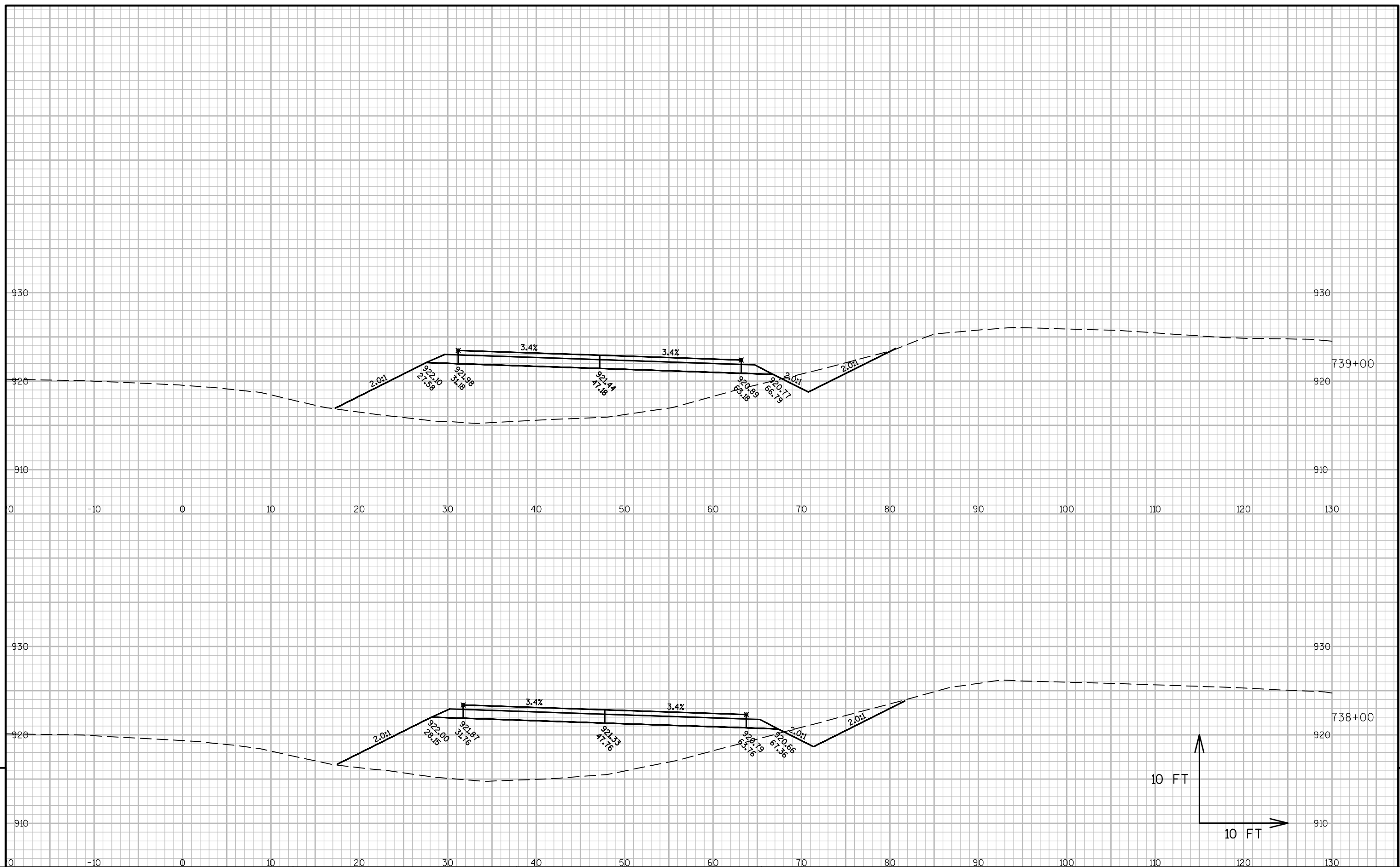


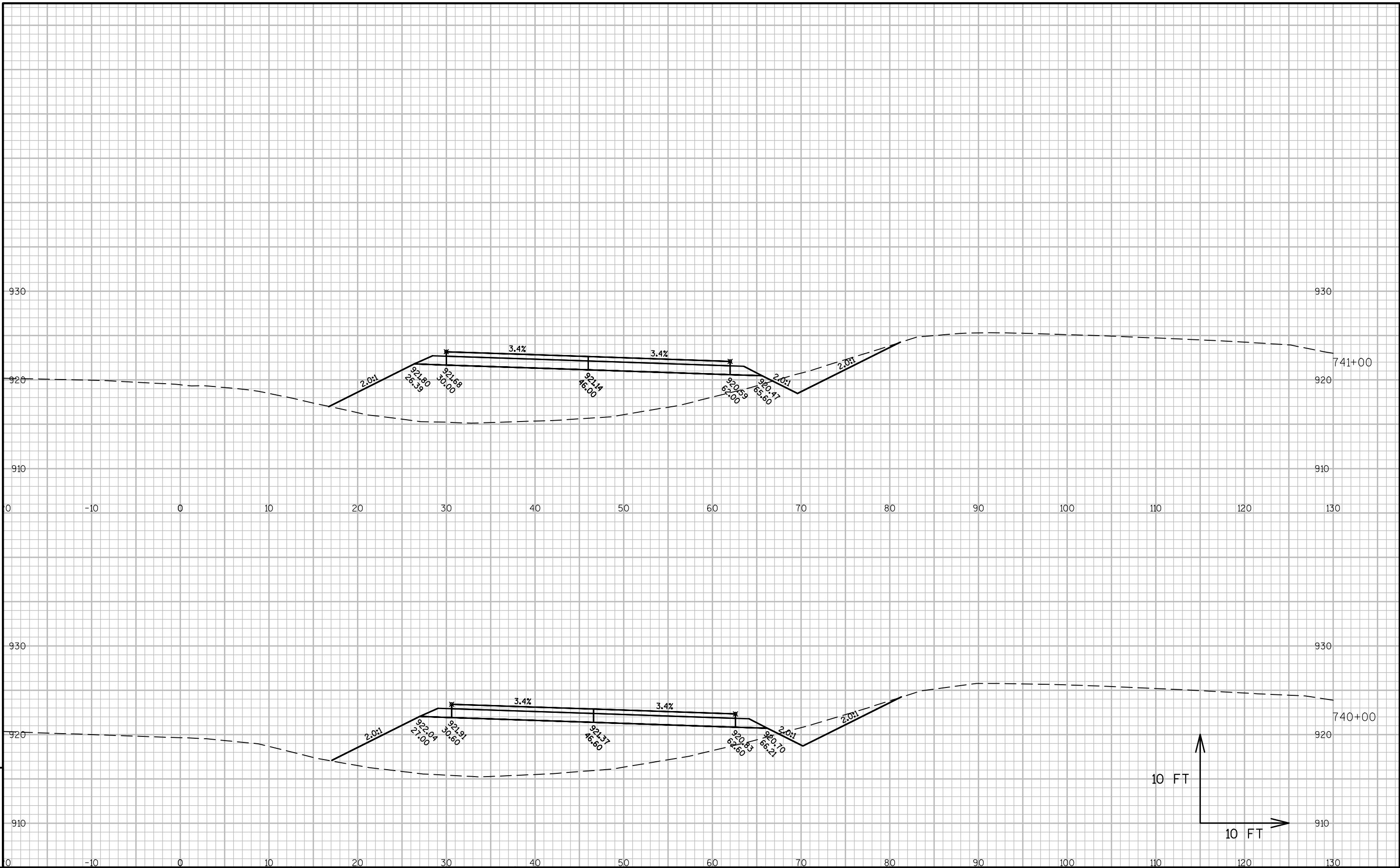


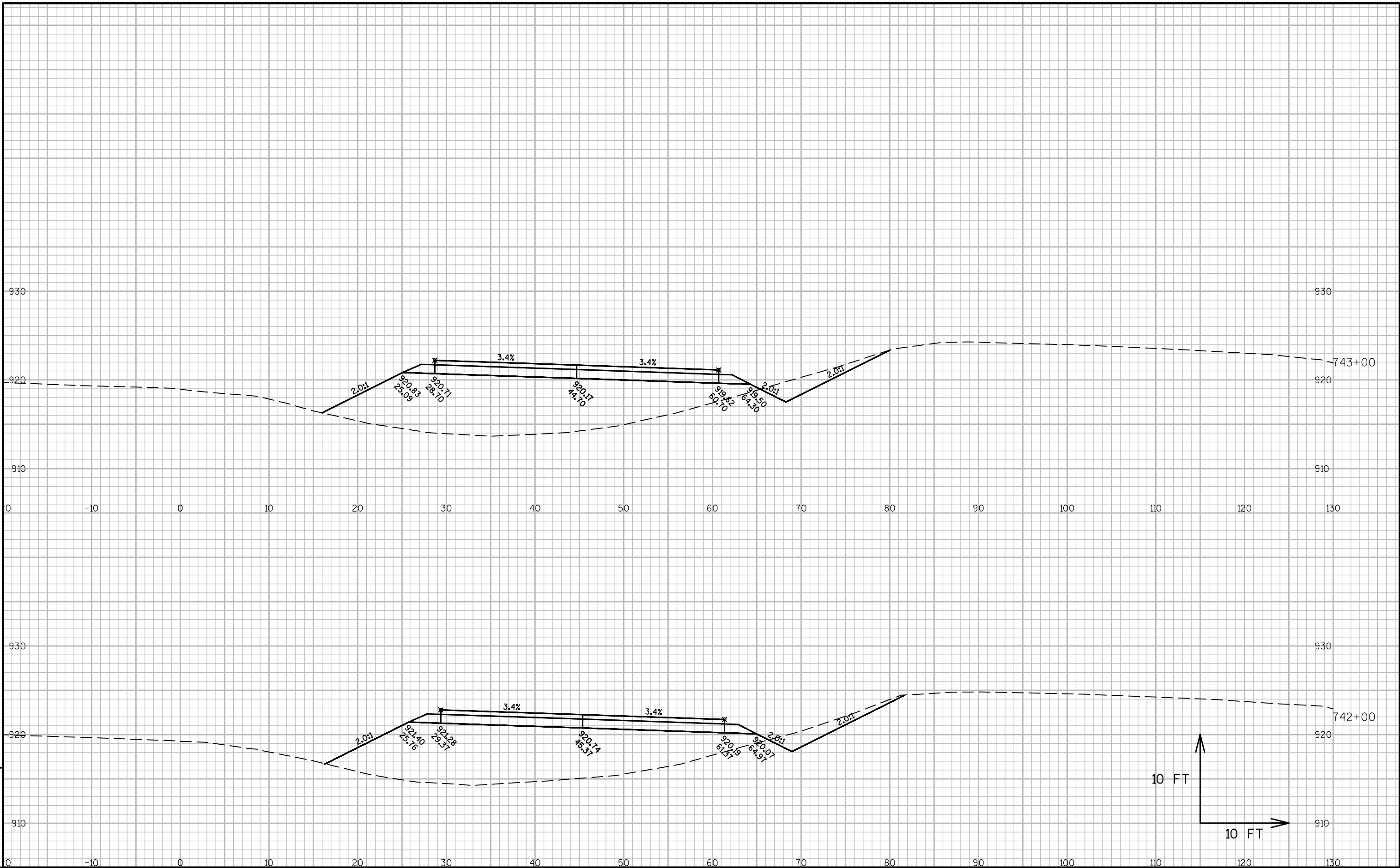


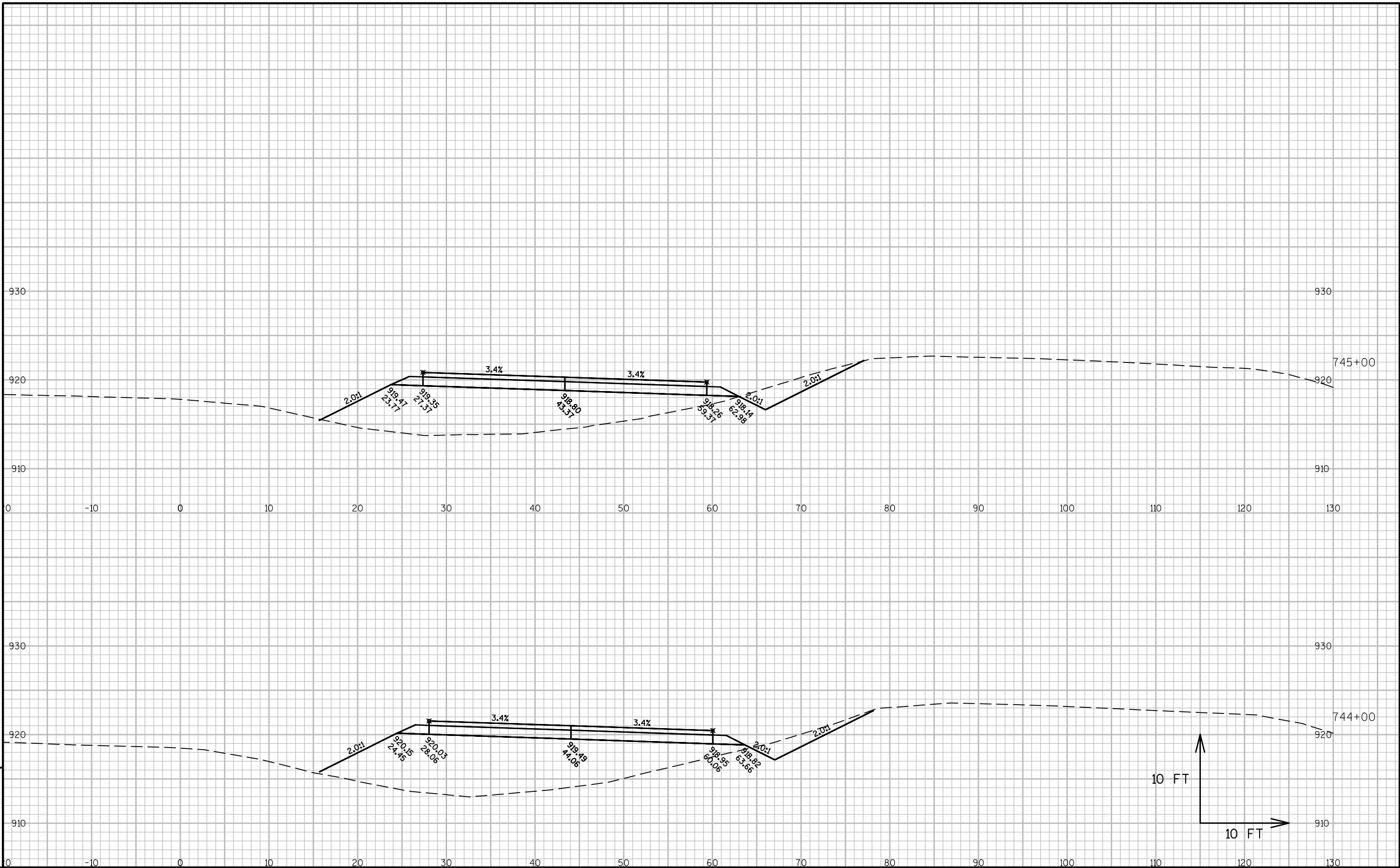


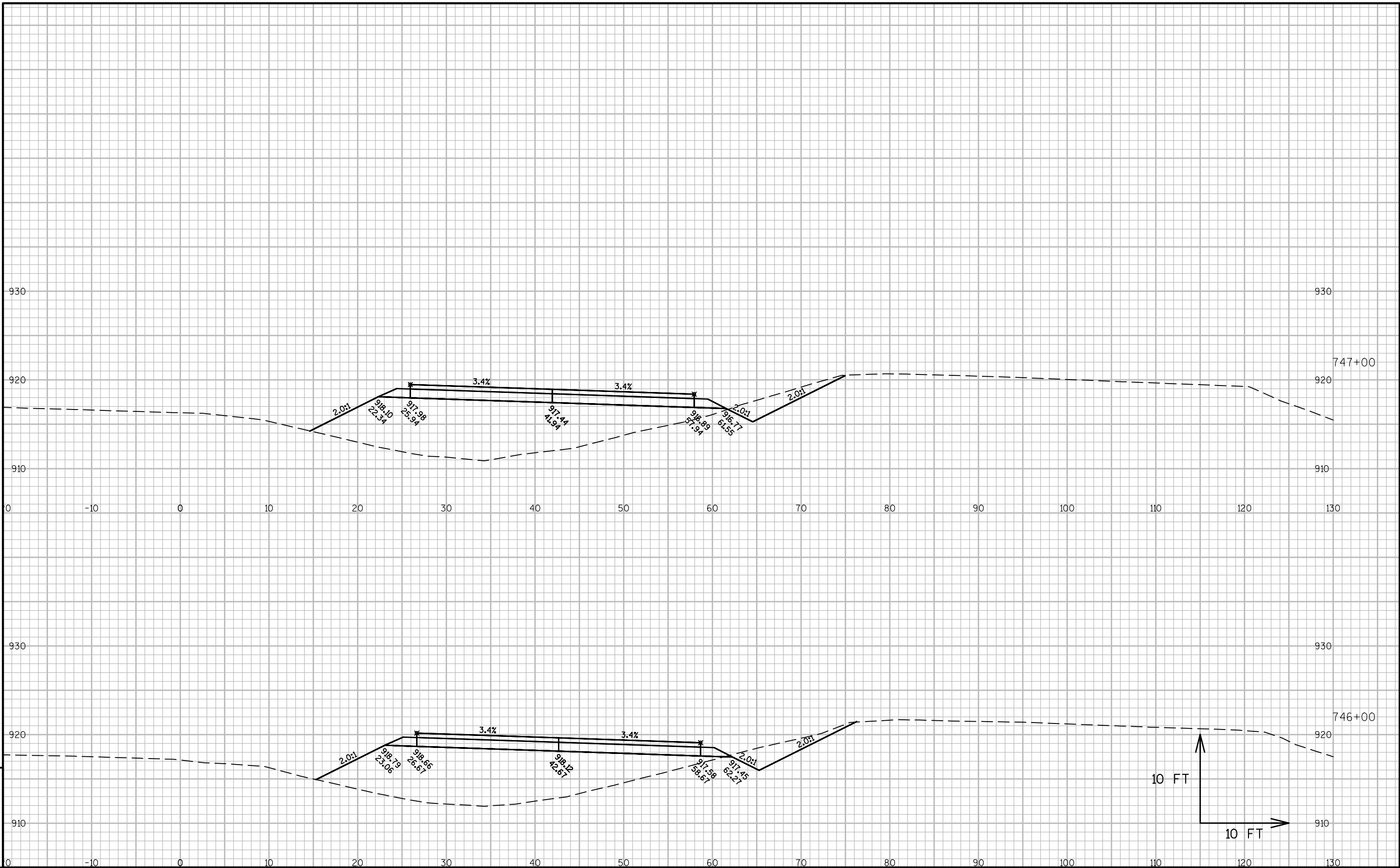


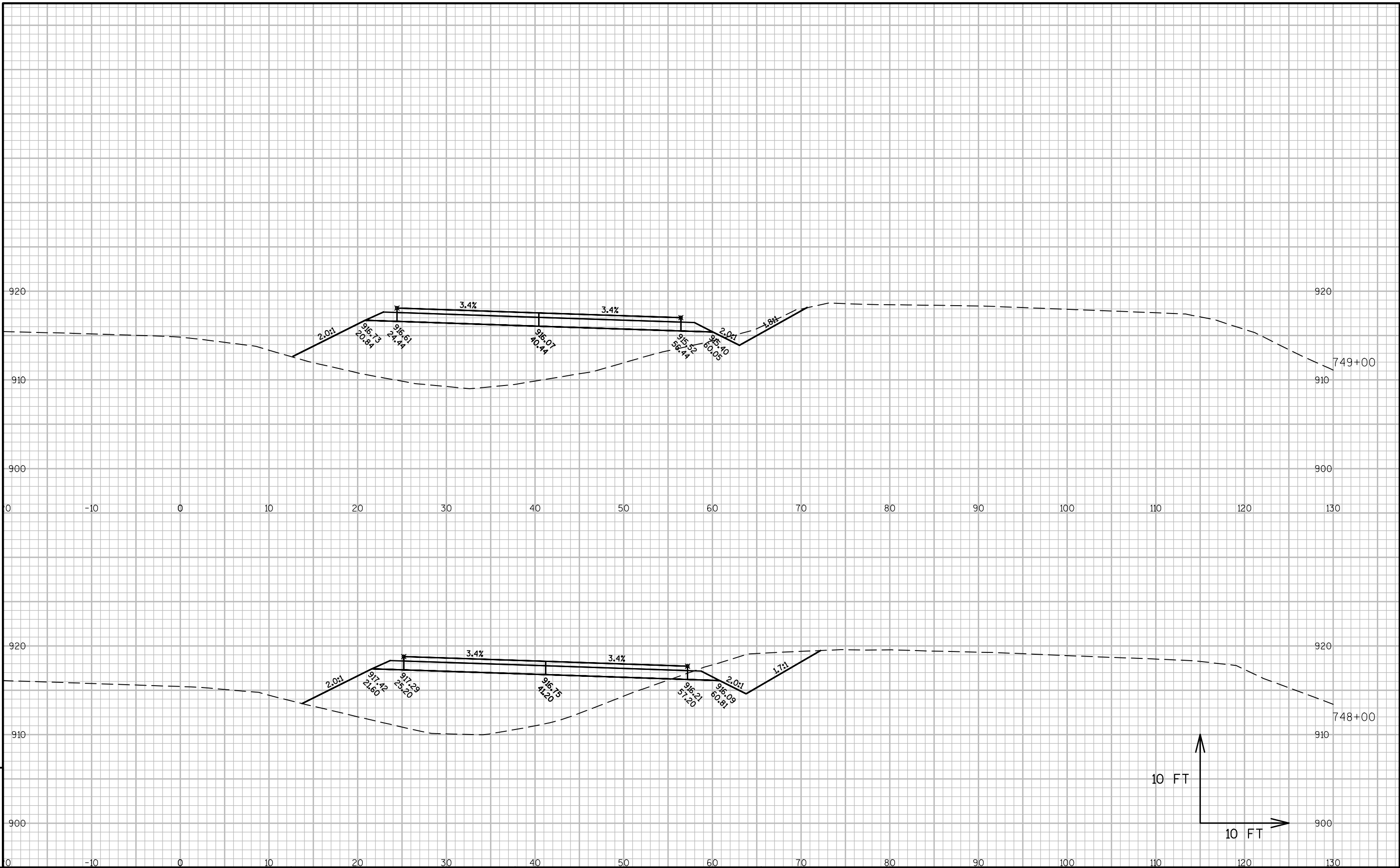


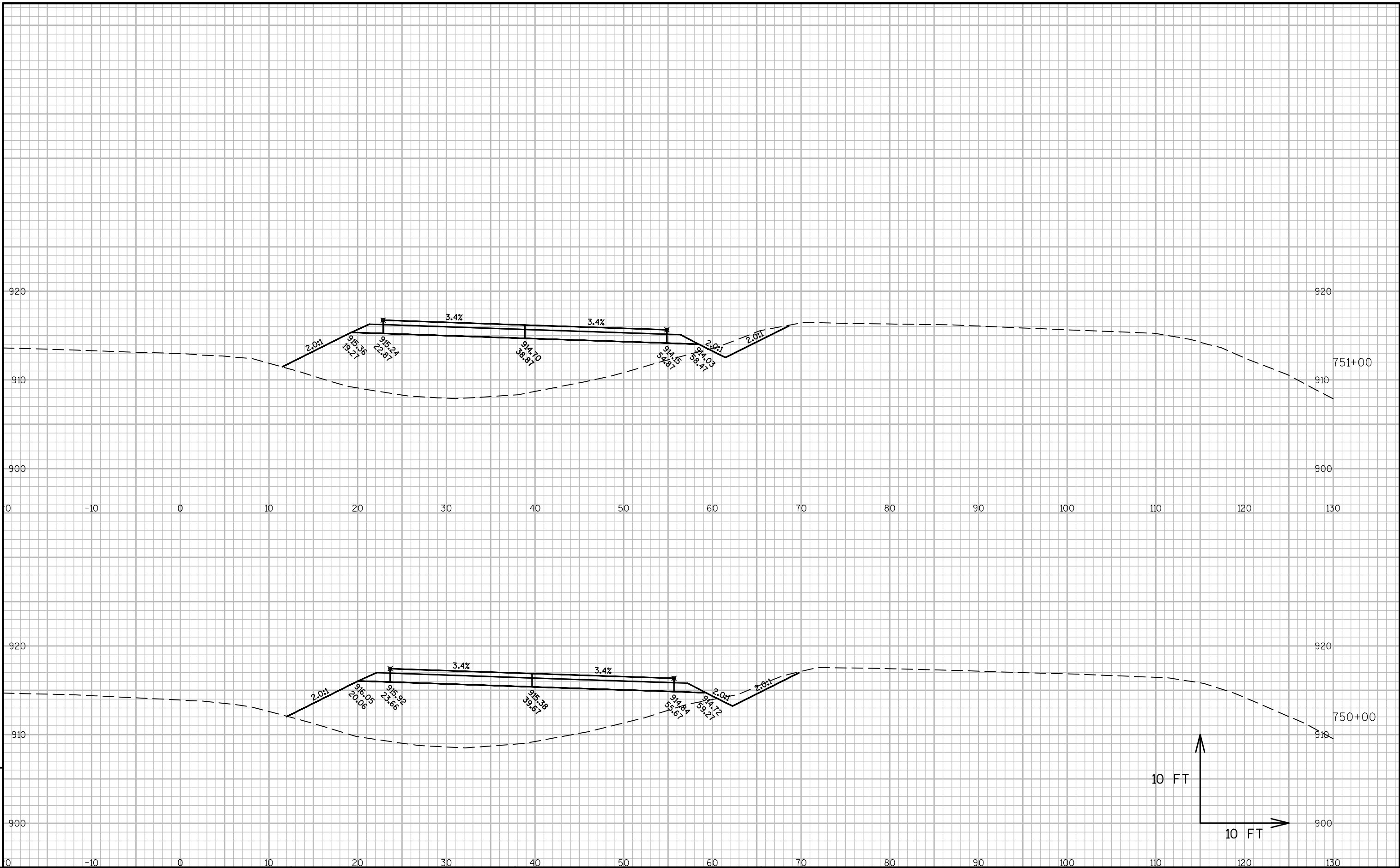


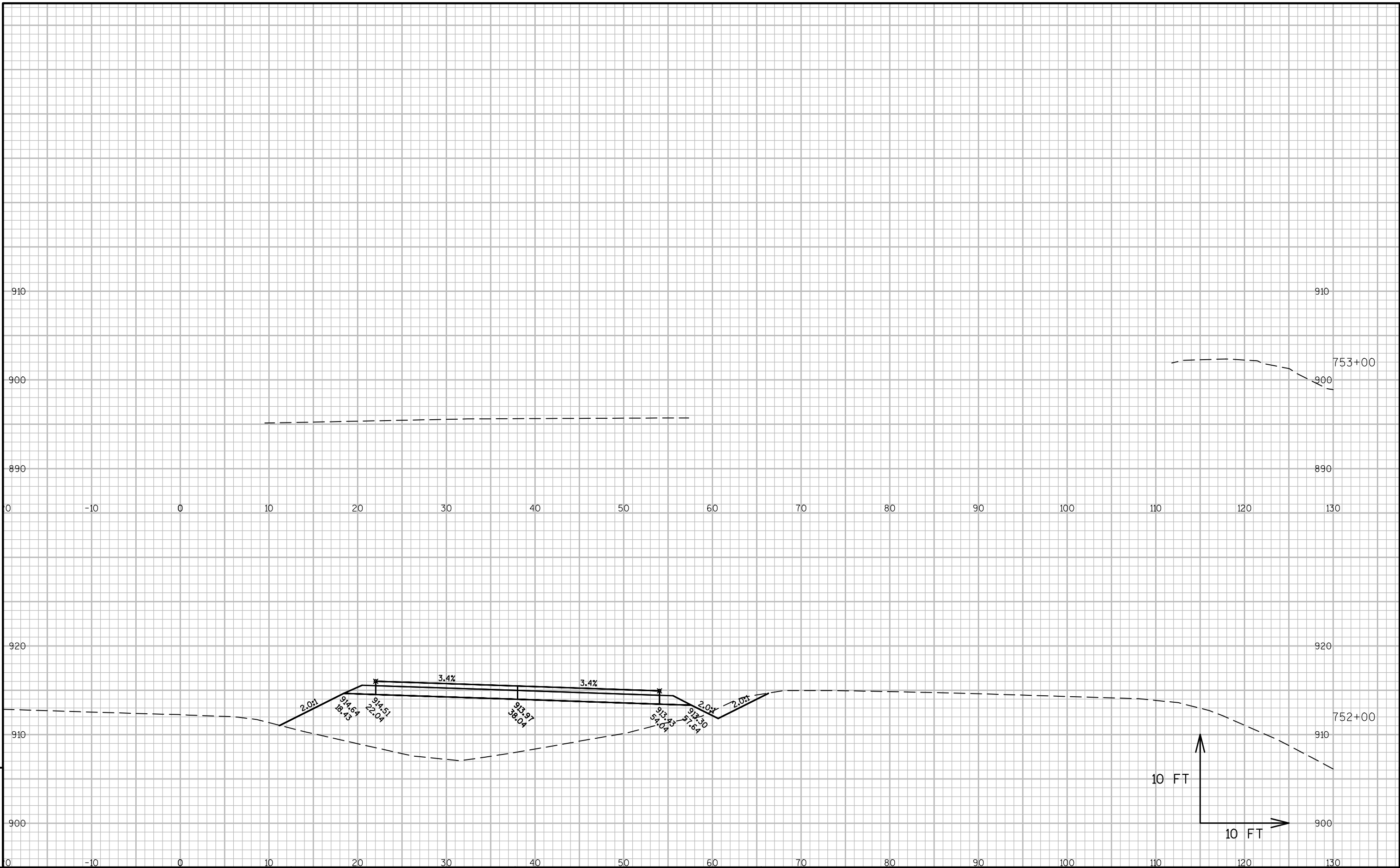


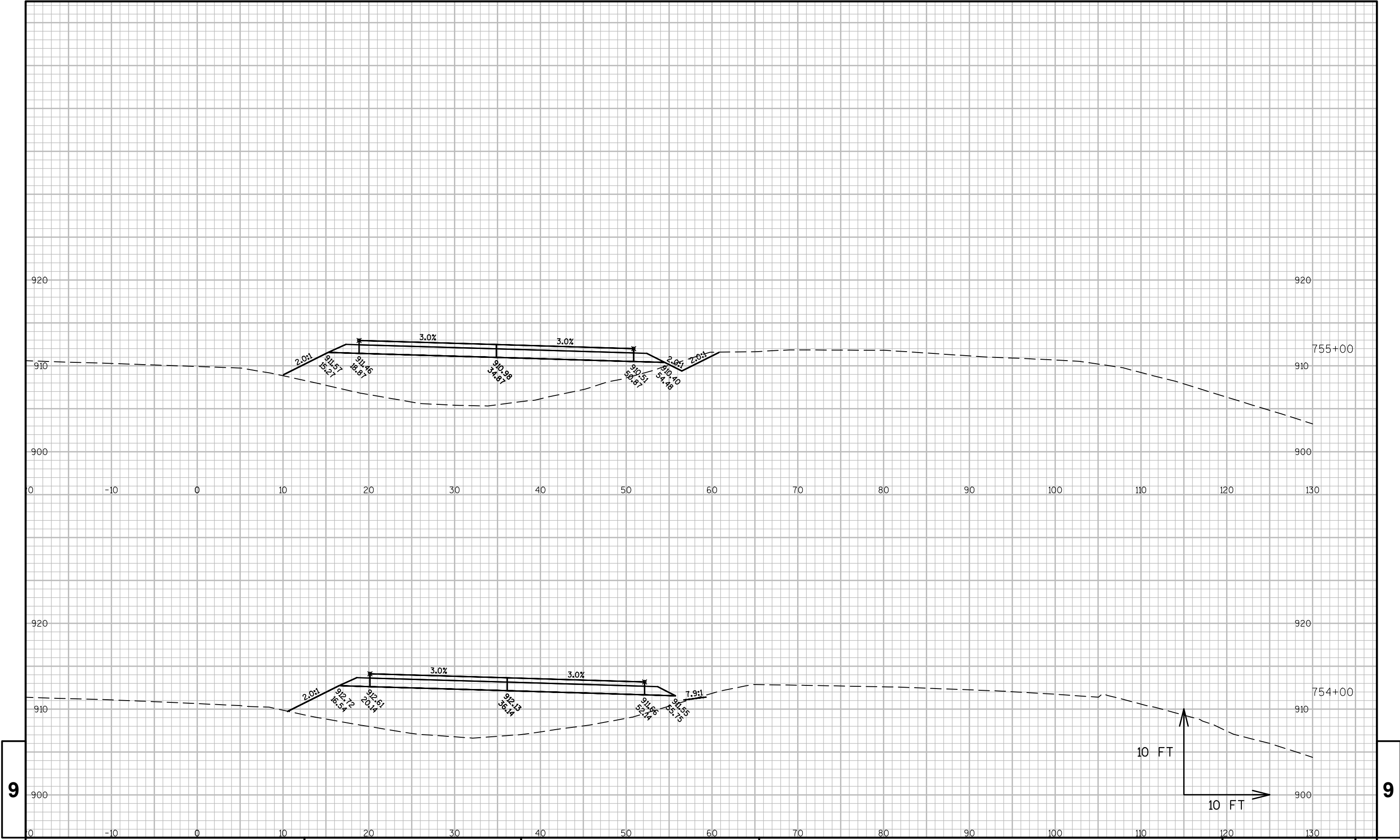






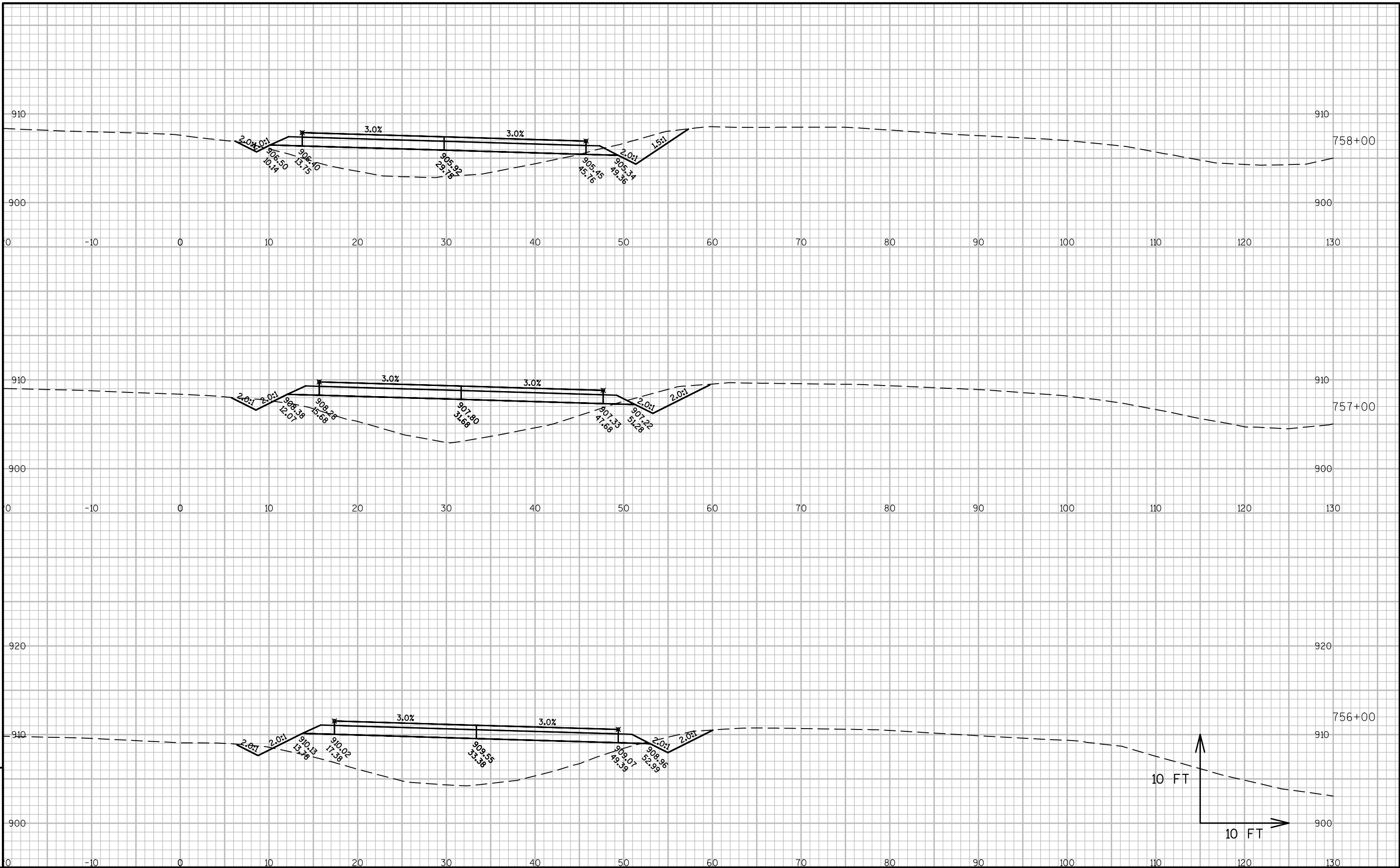


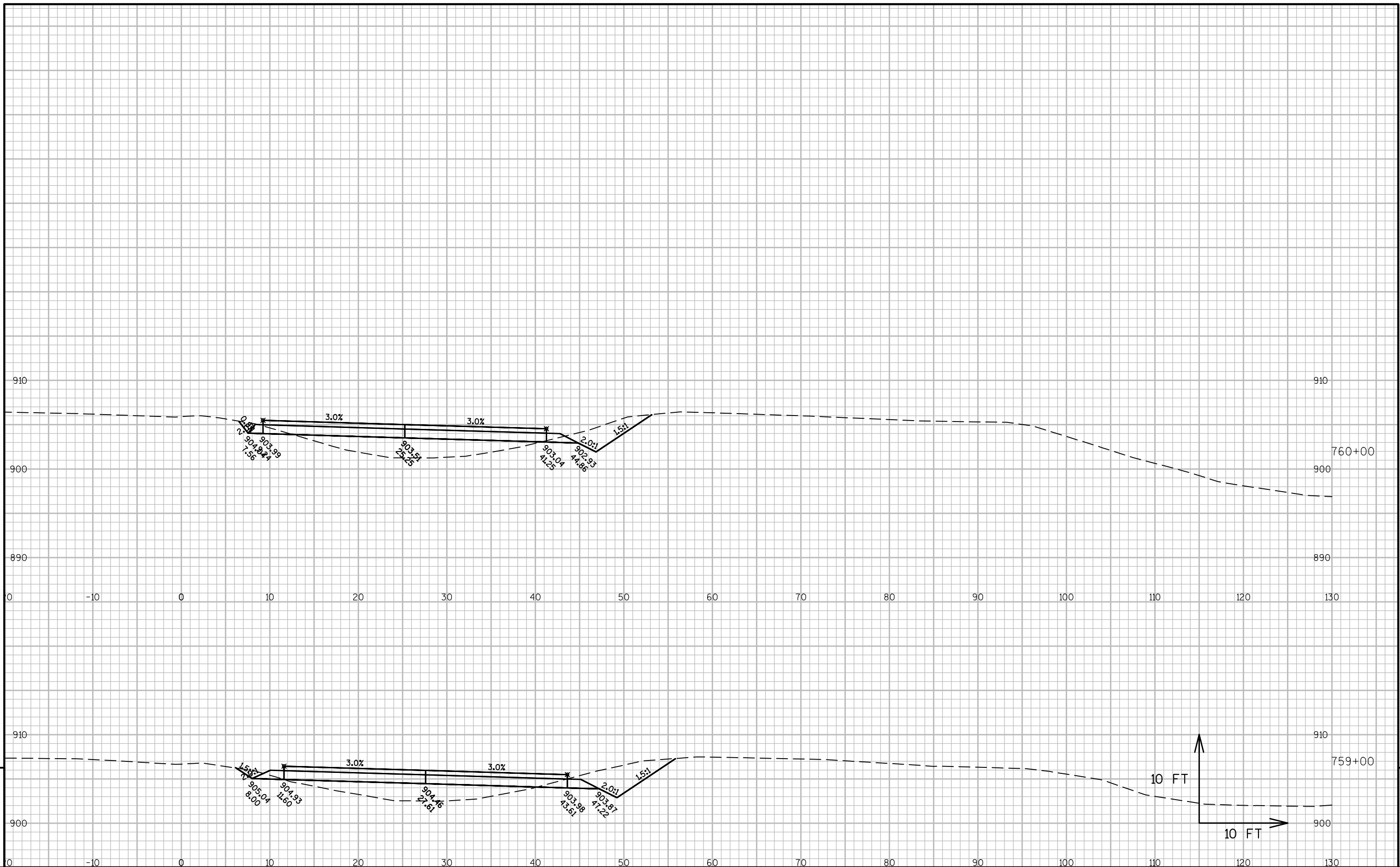


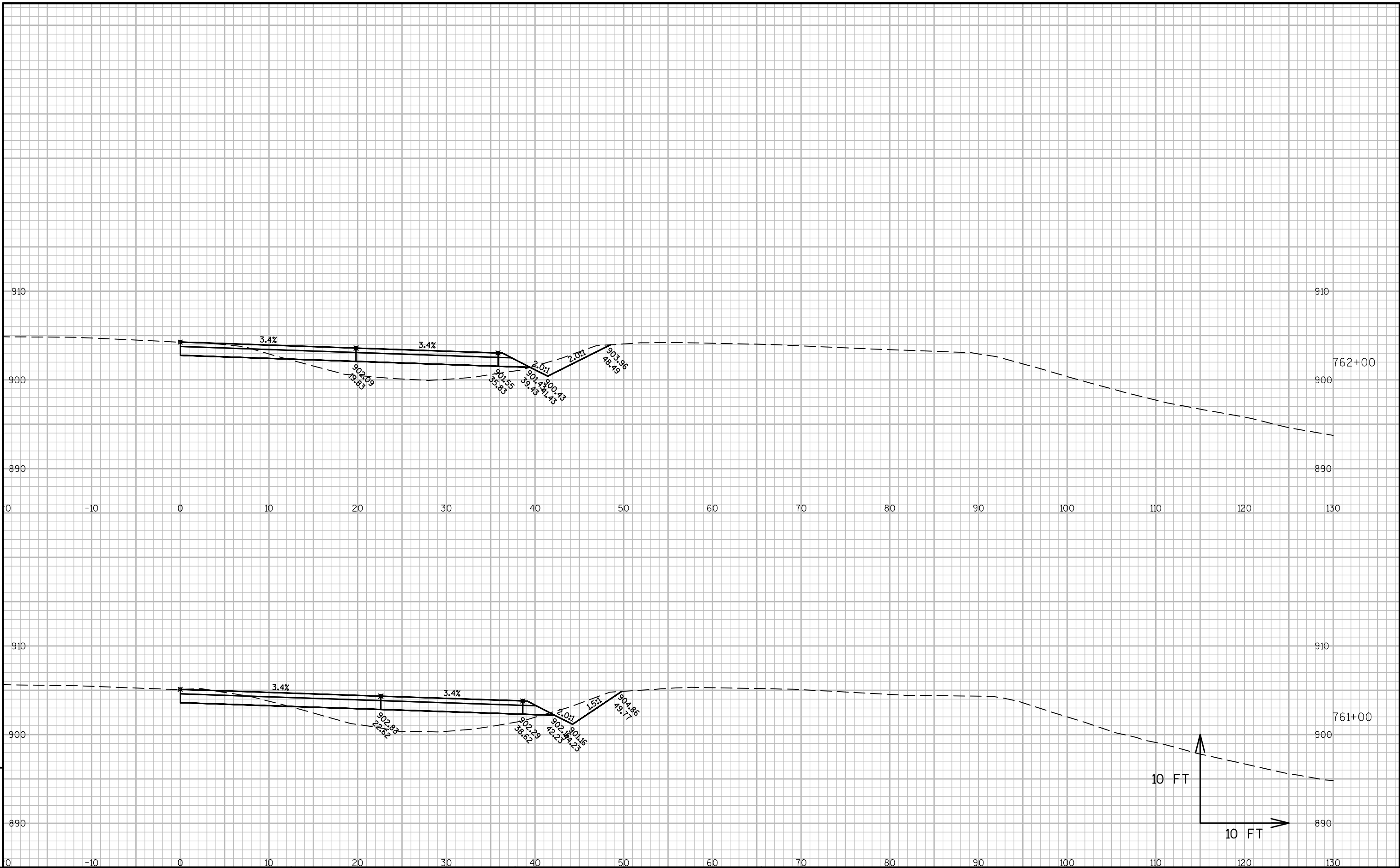


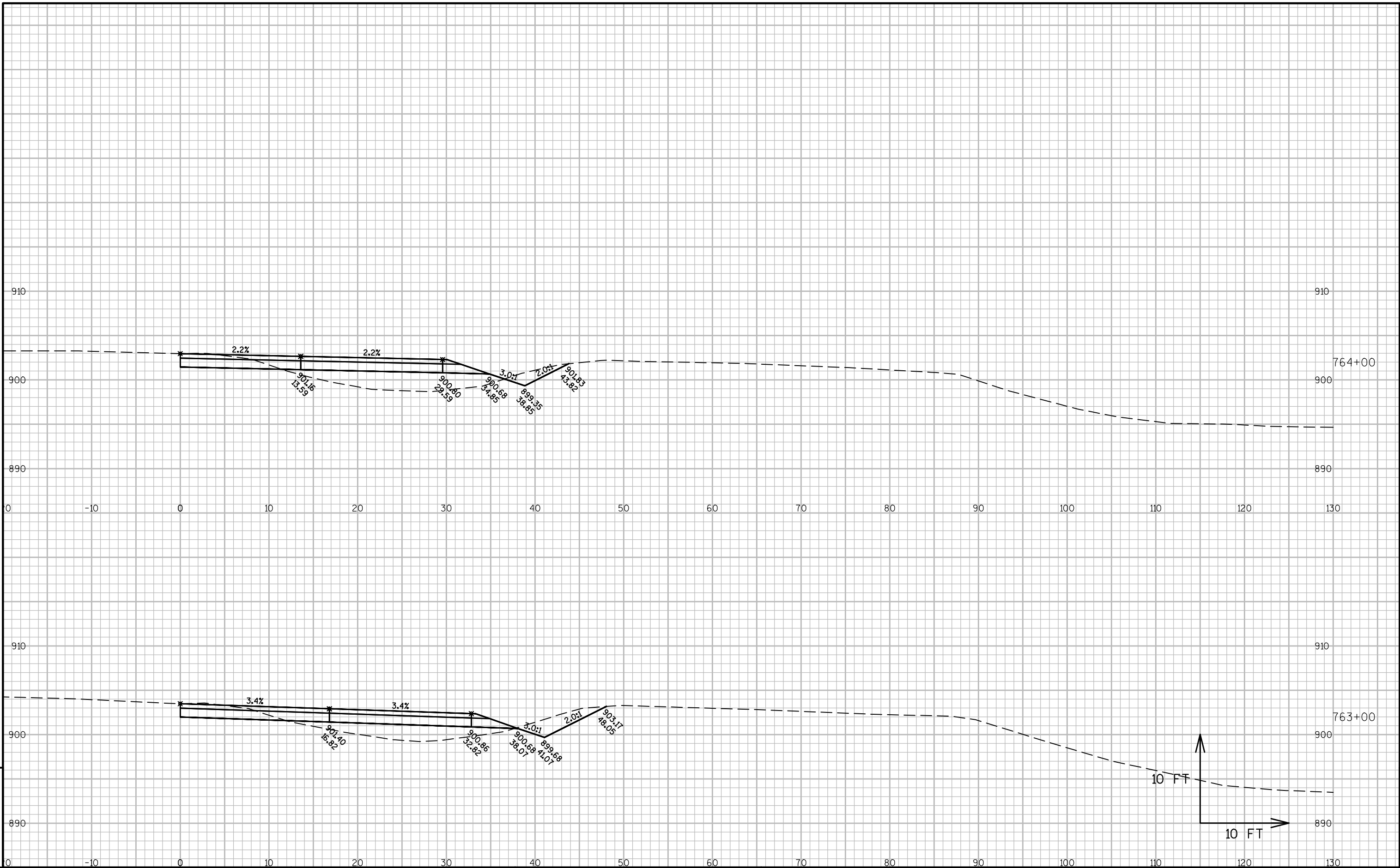
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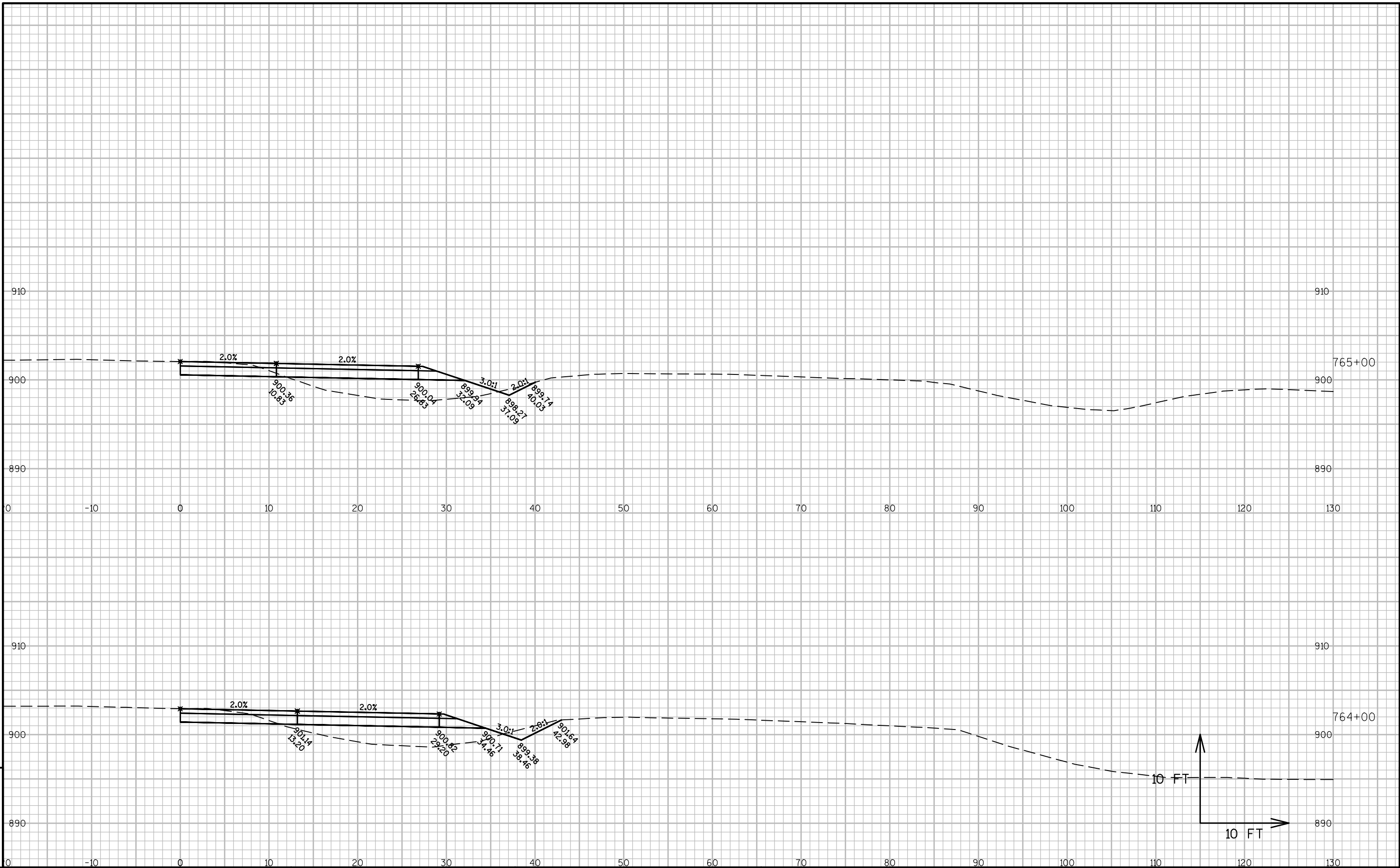
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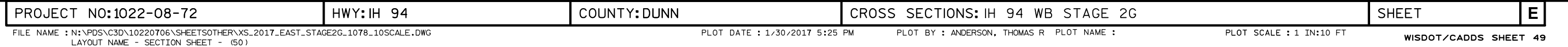
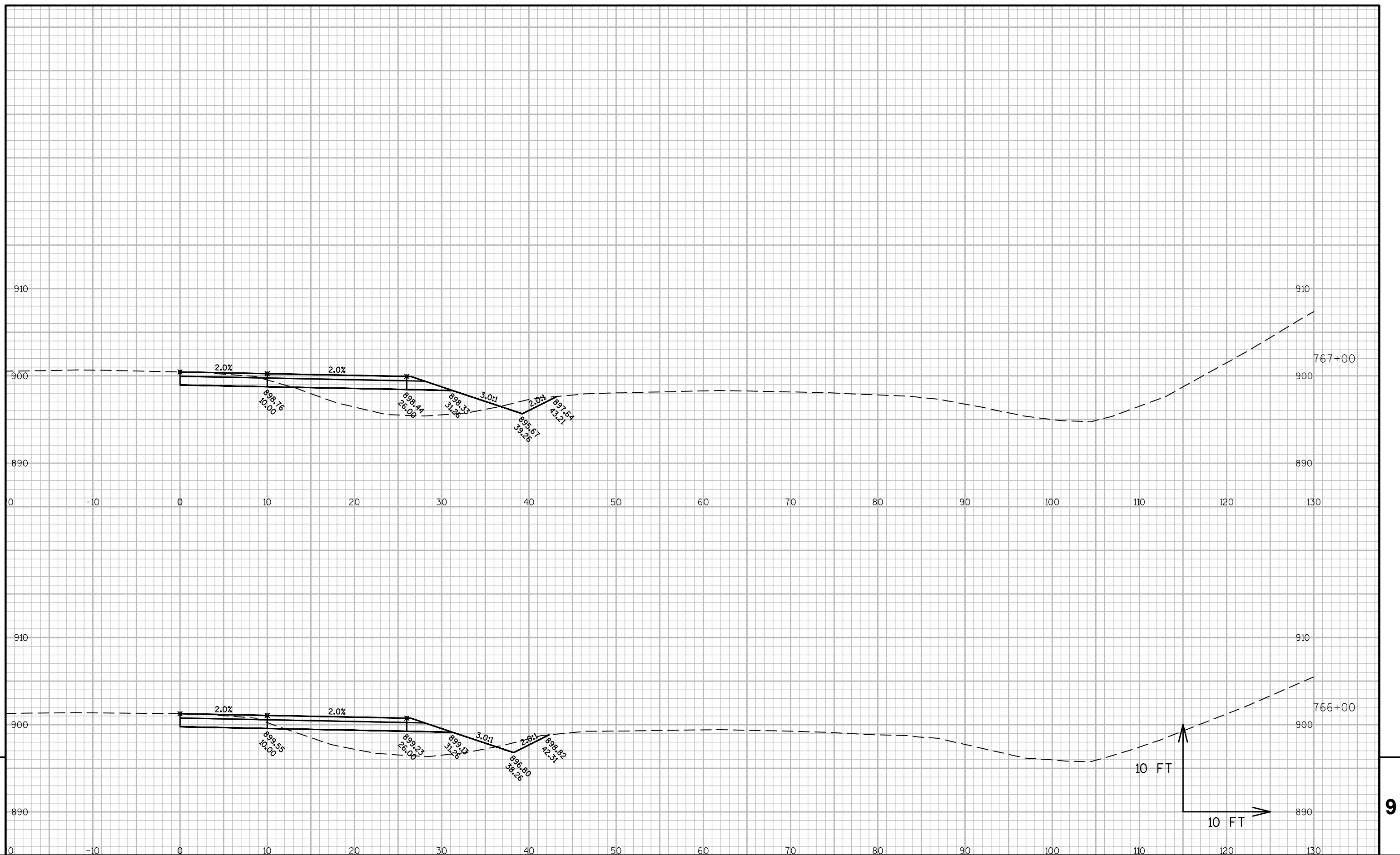


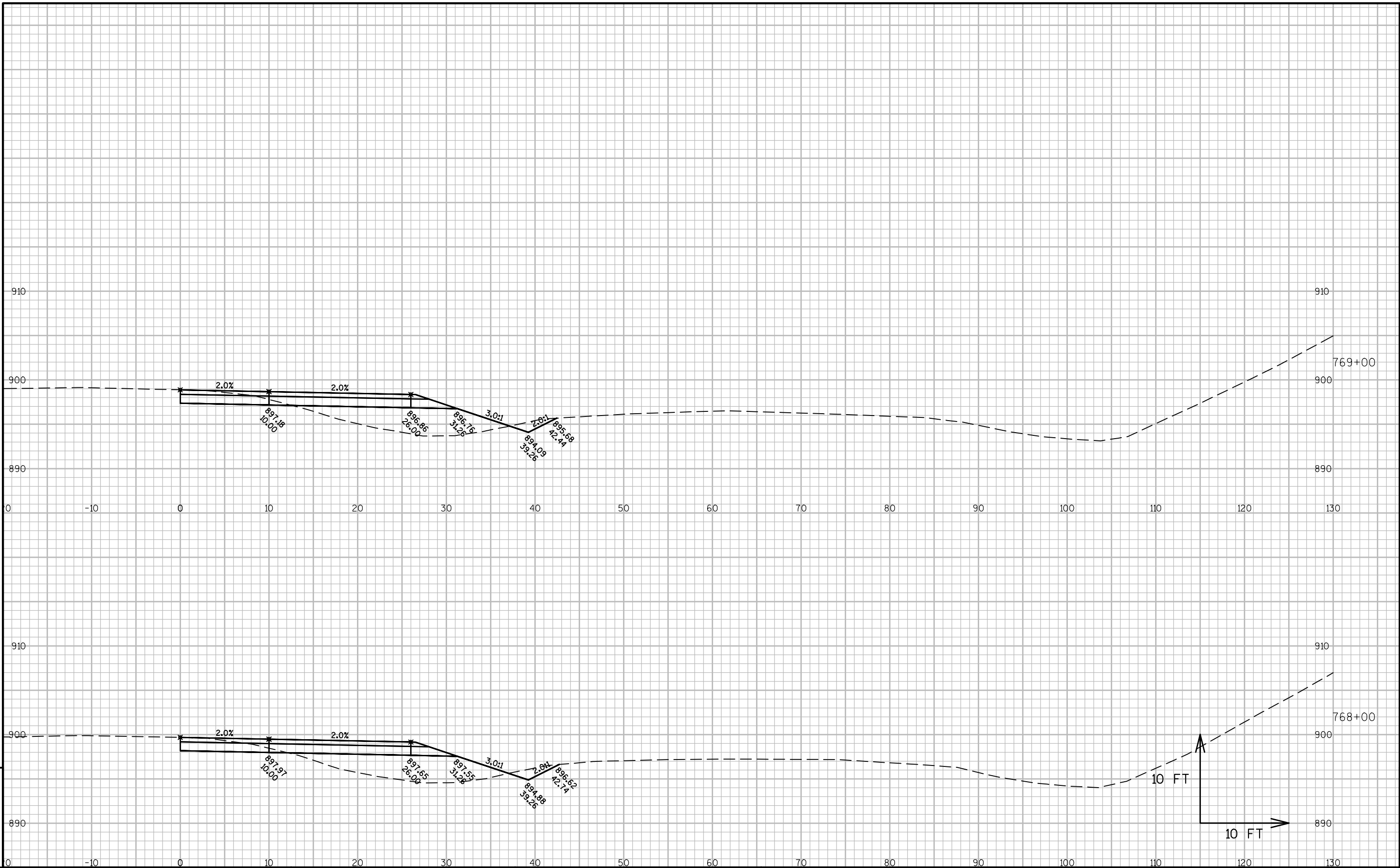


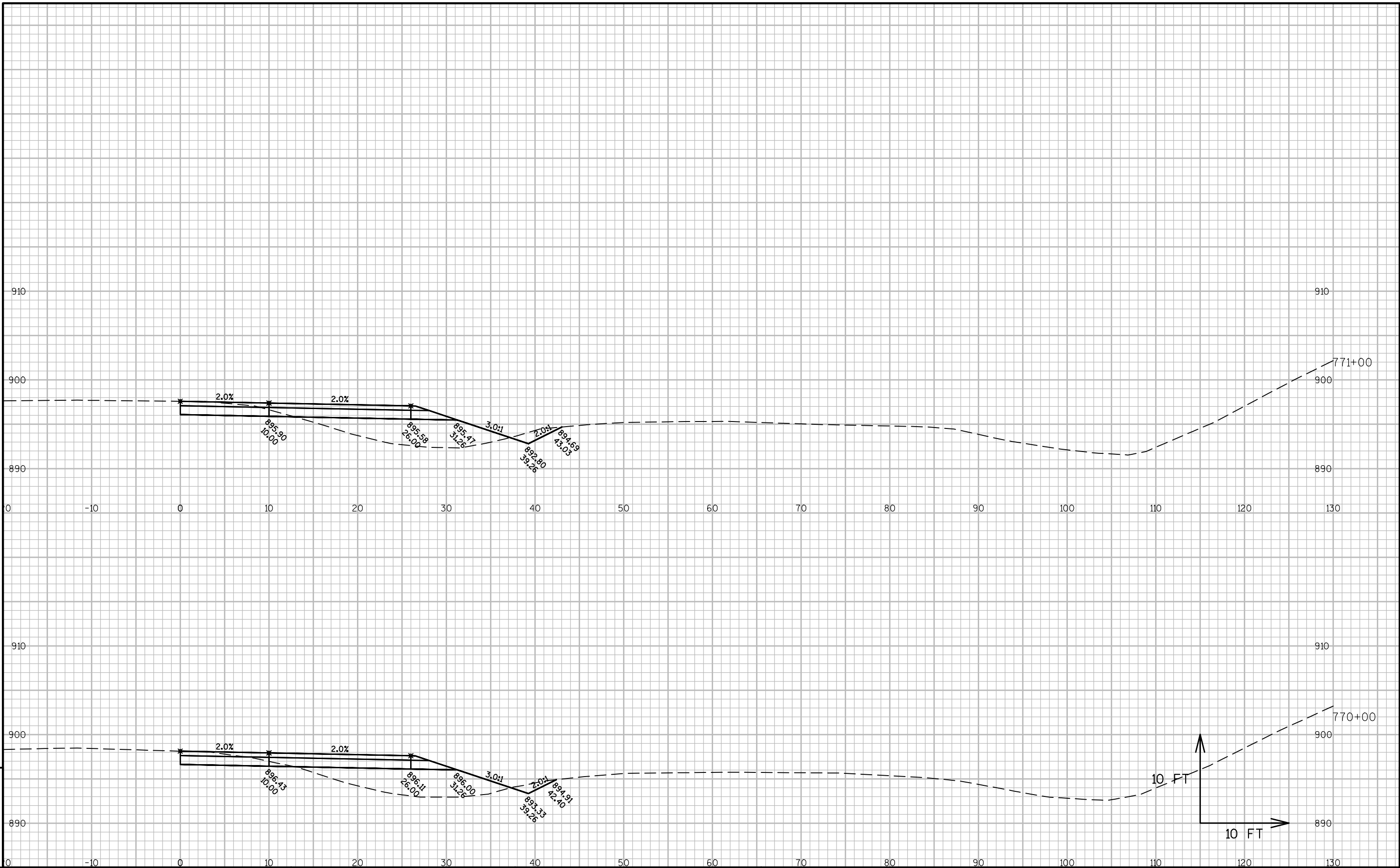


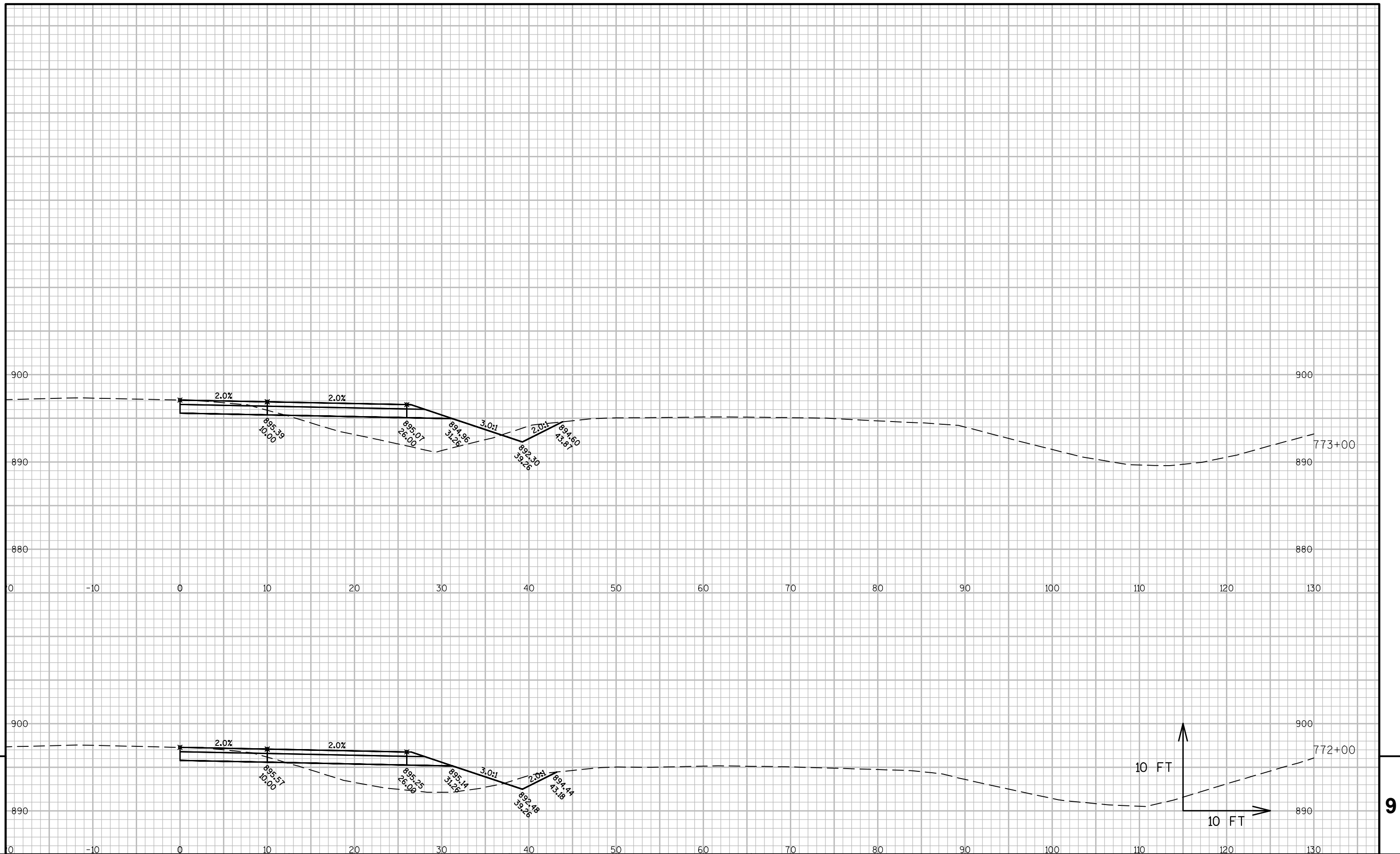
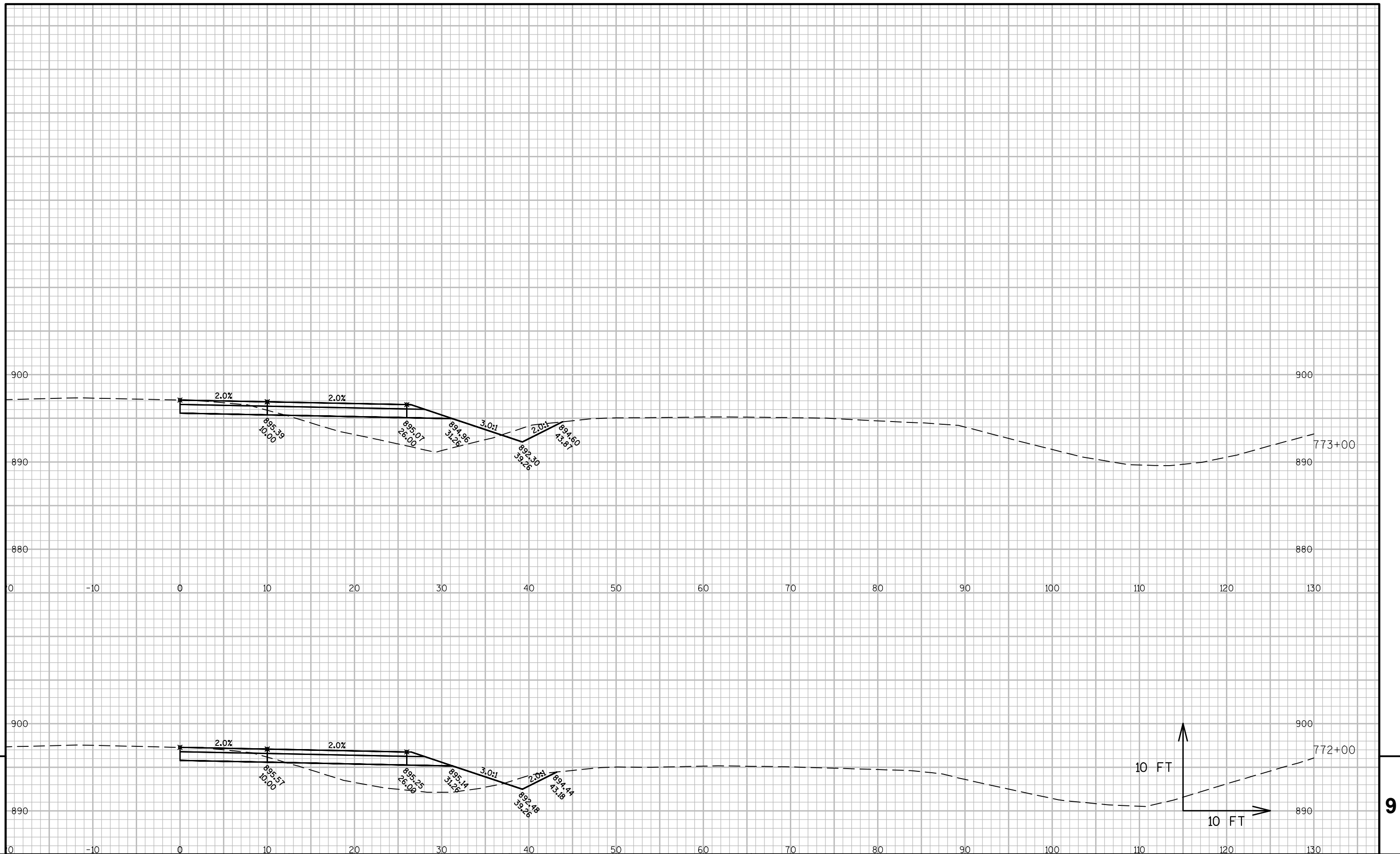












PROJECT NO:1022-08-72

HWY: IH 94

COUNTY: DUNN

CROSS SECTIONS: IH 94 WB STAGE 2G

SHEET

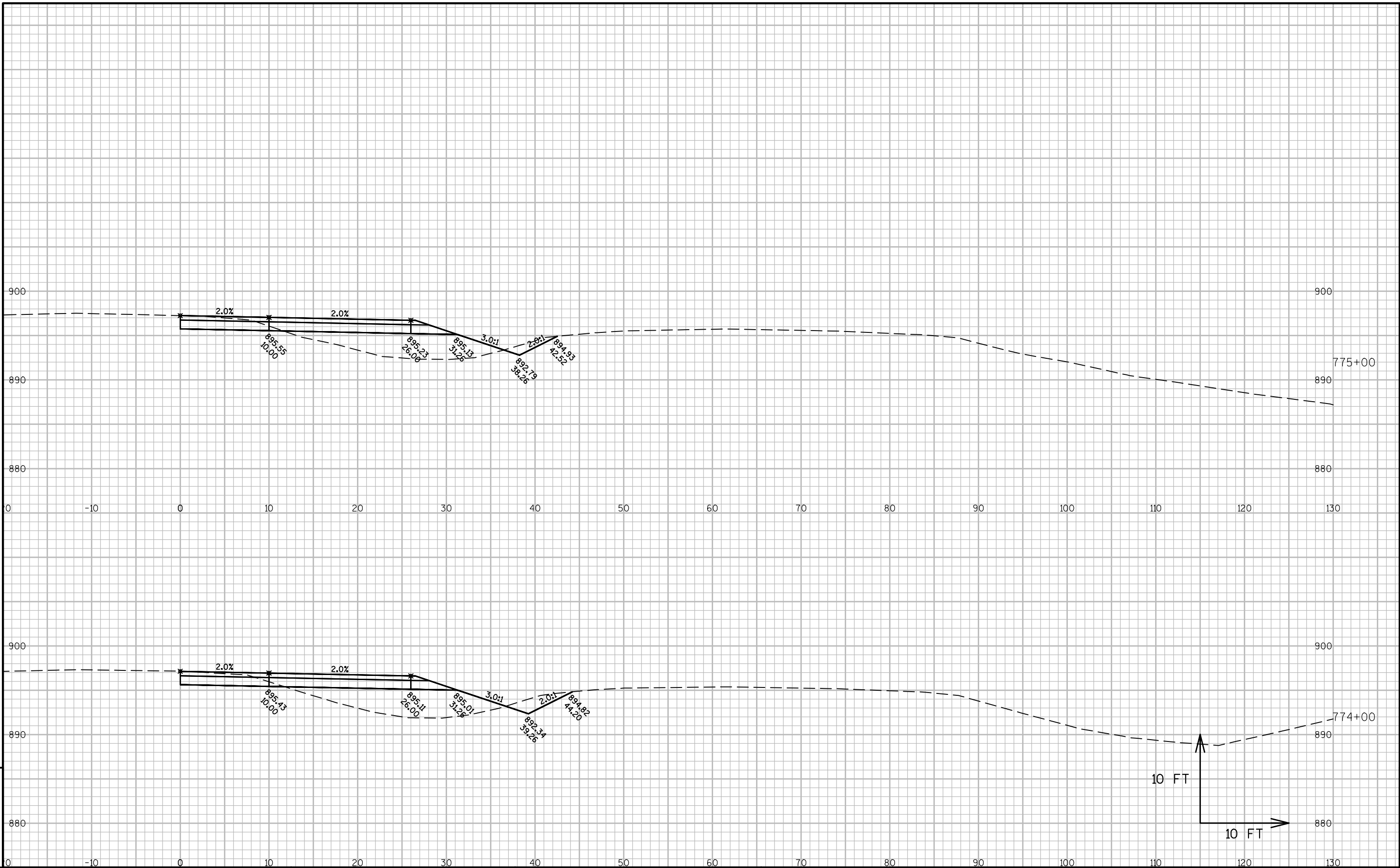
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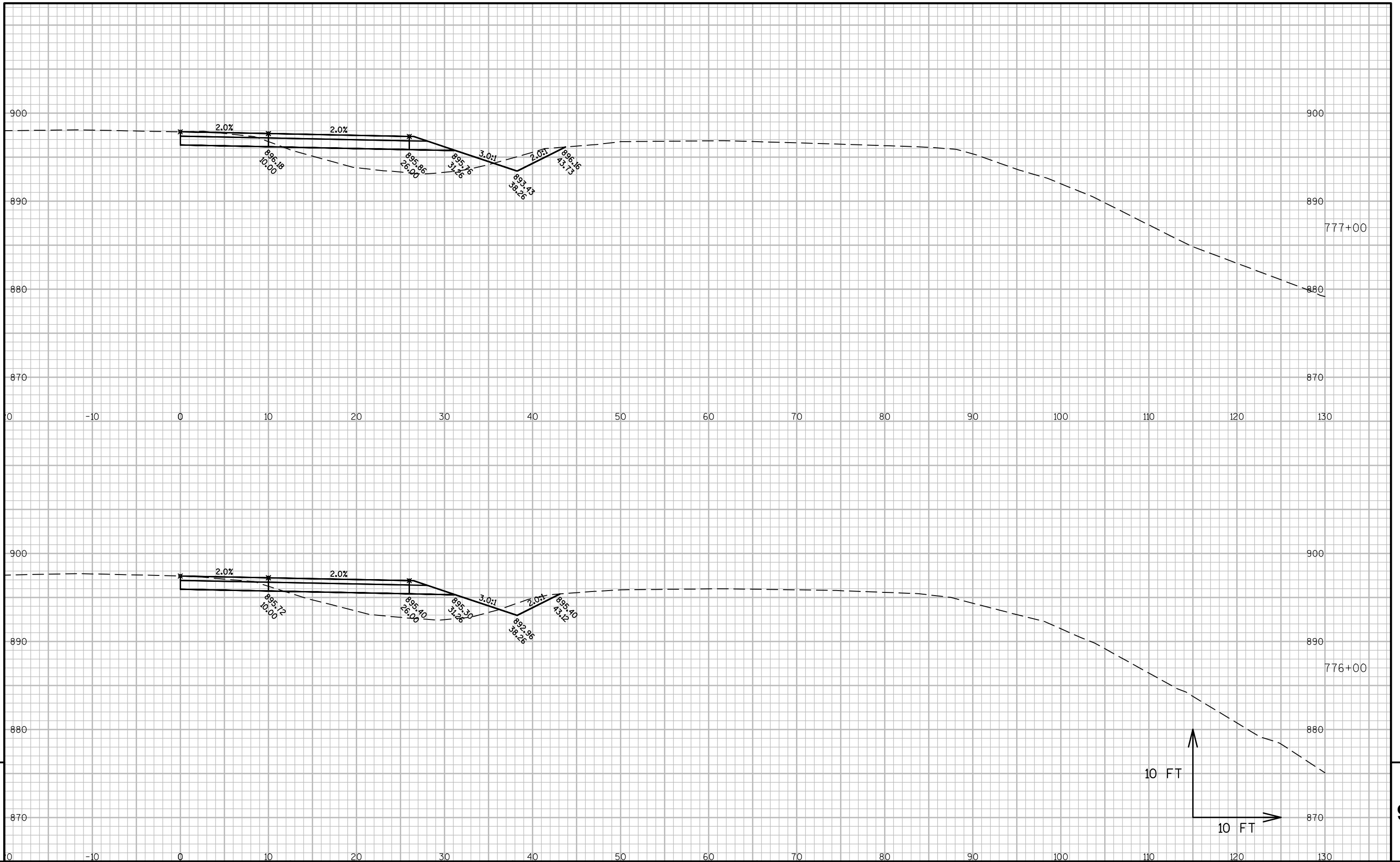
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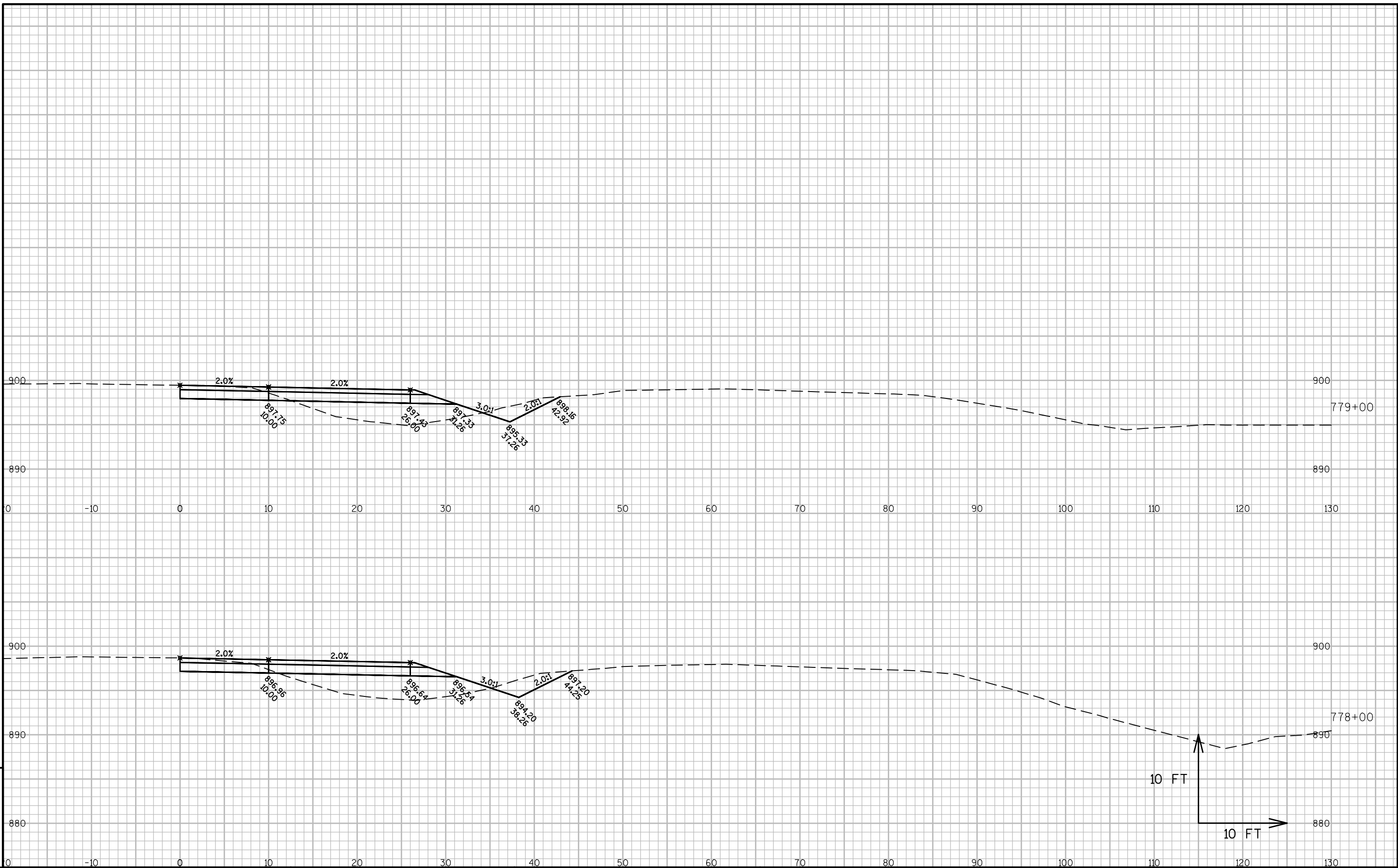
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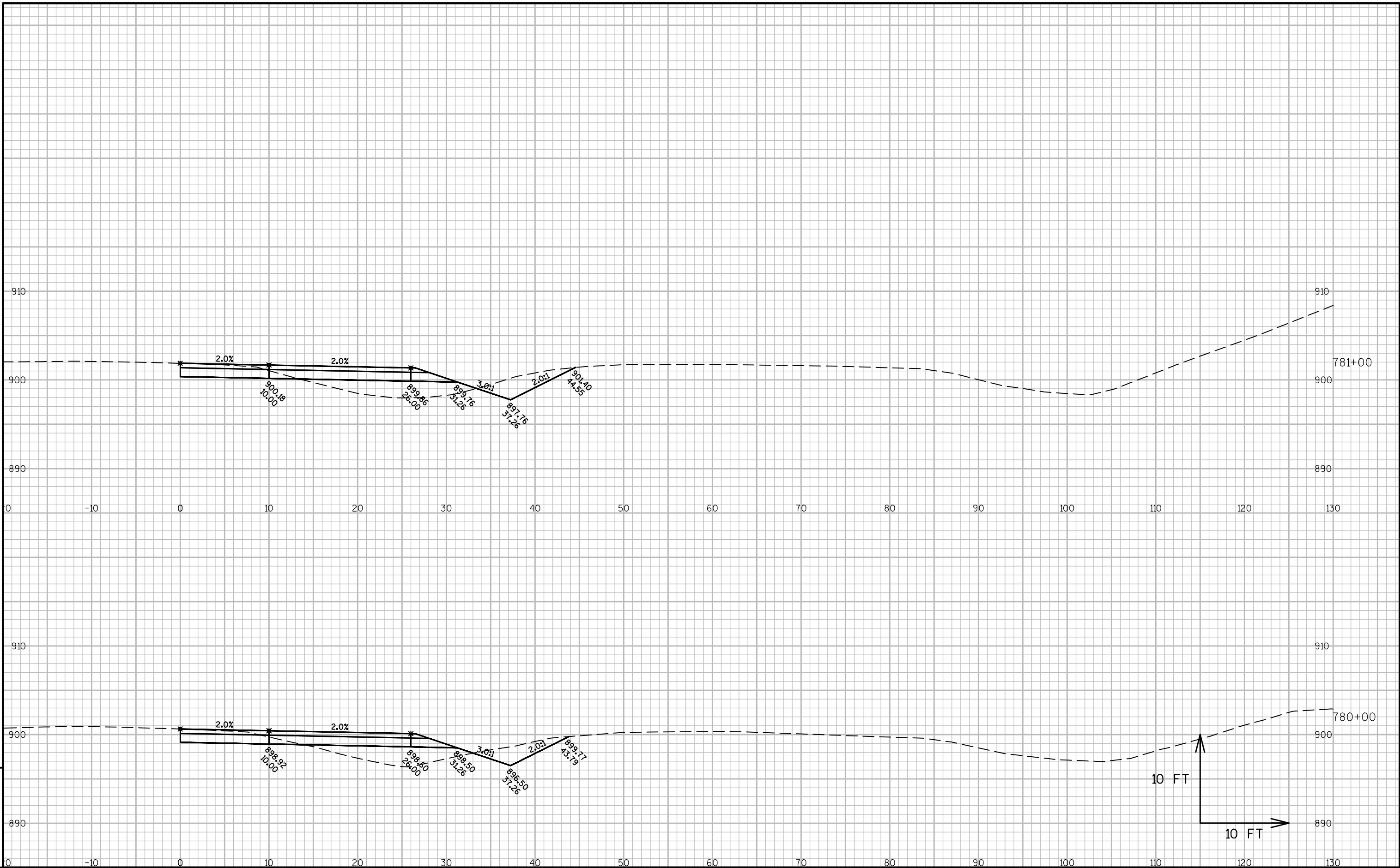
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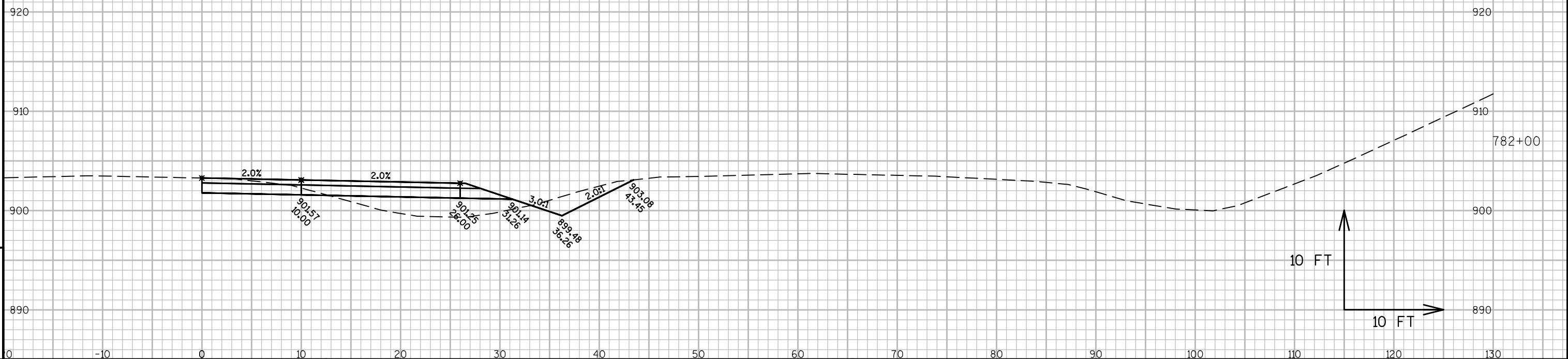
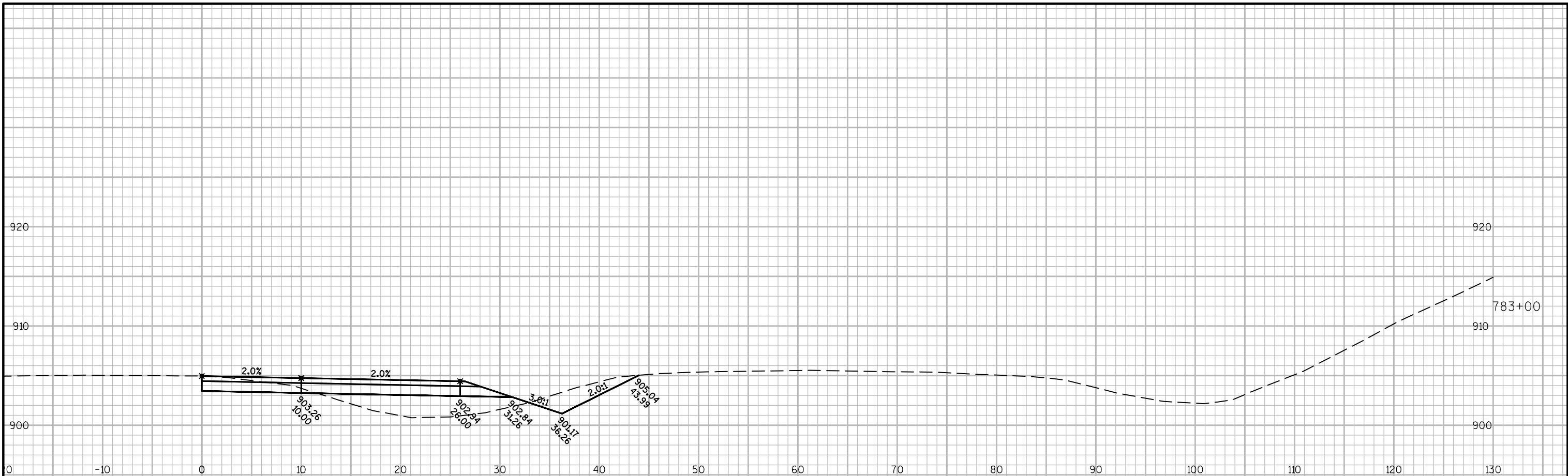
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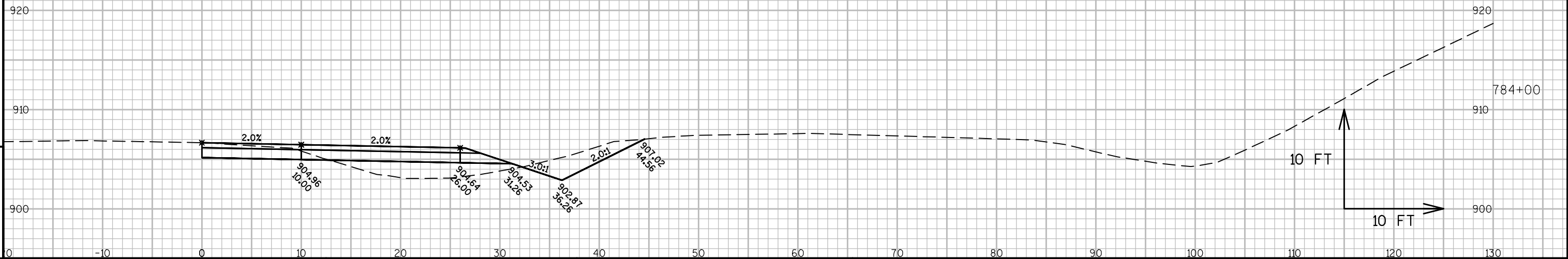
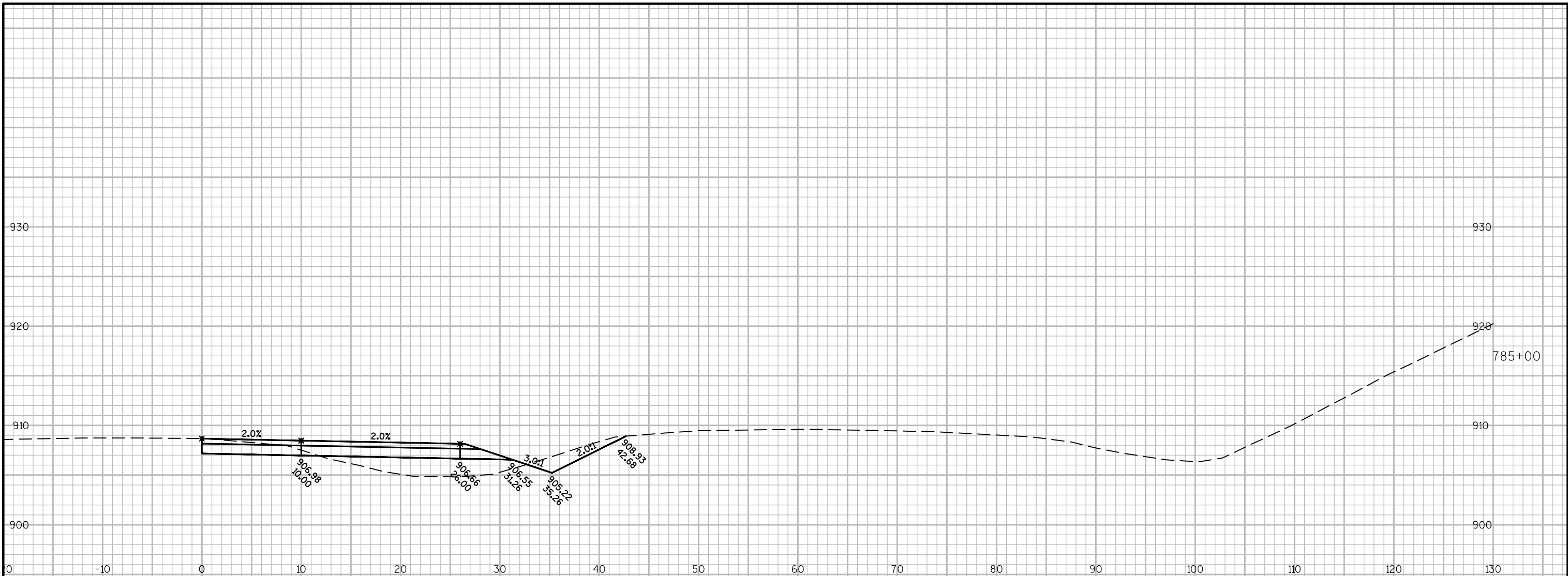


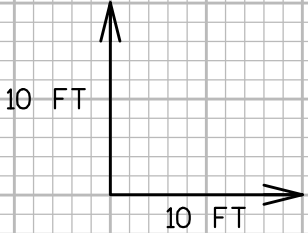
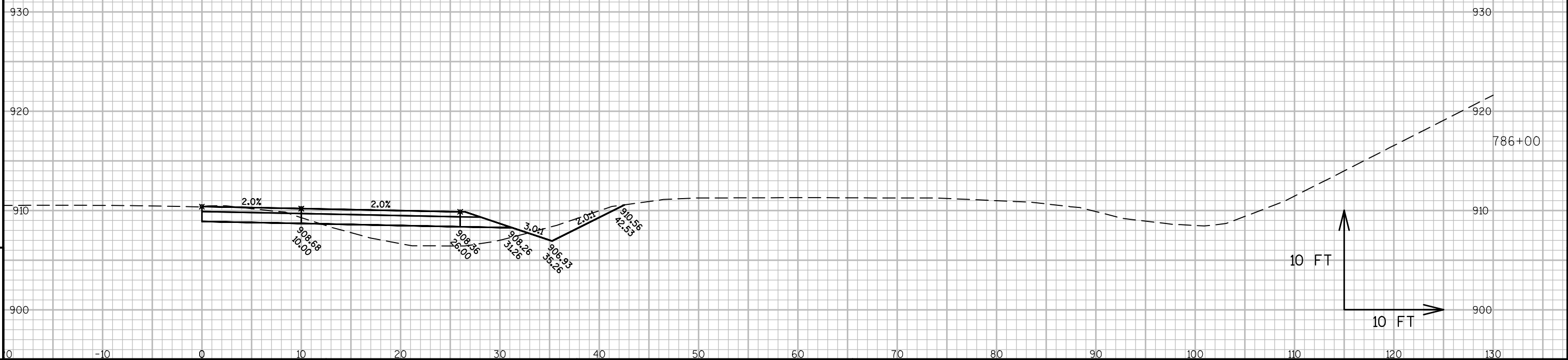
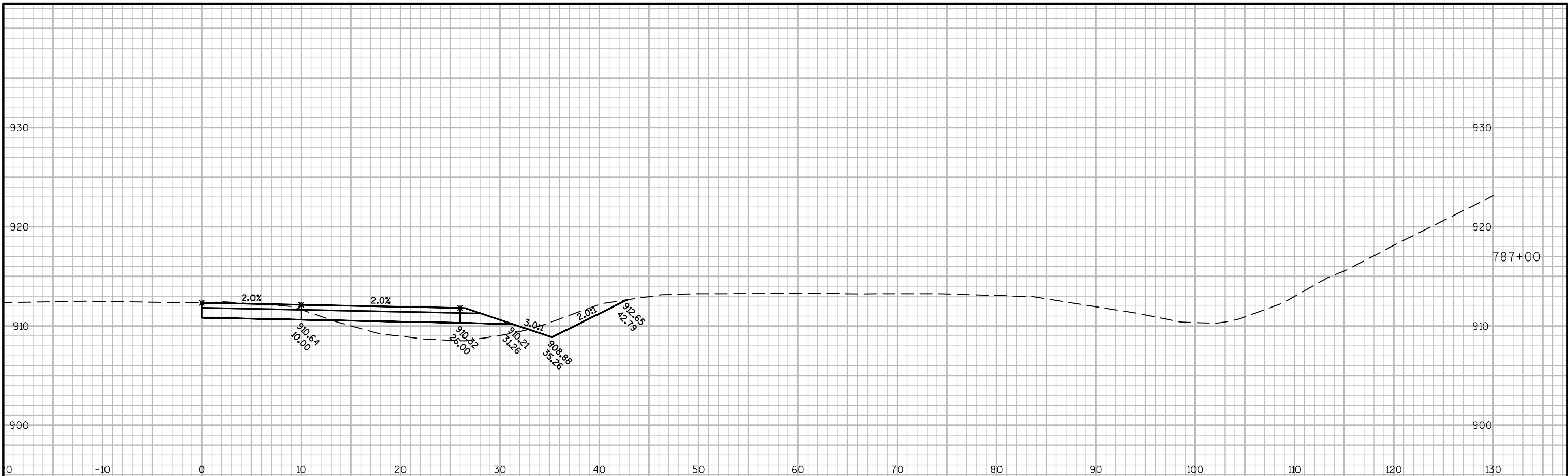






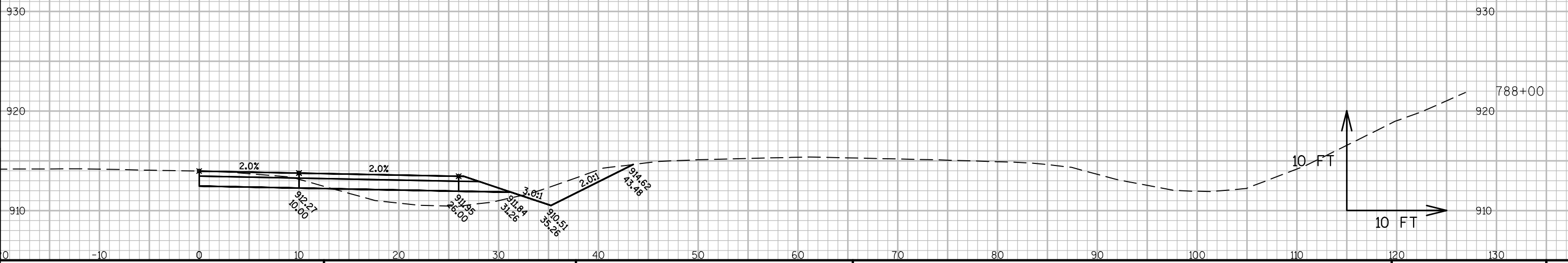
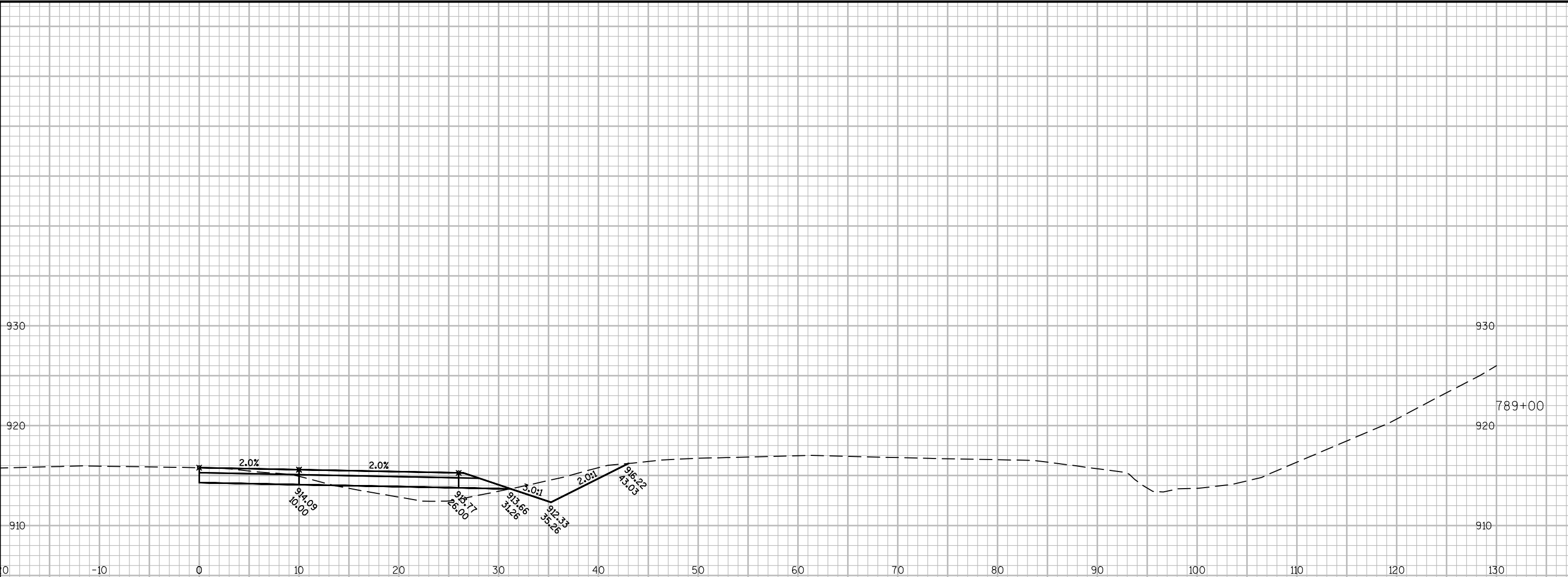
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	CROSS SECTIONS: IH 94 WB STAGE 2G	SHEET	E
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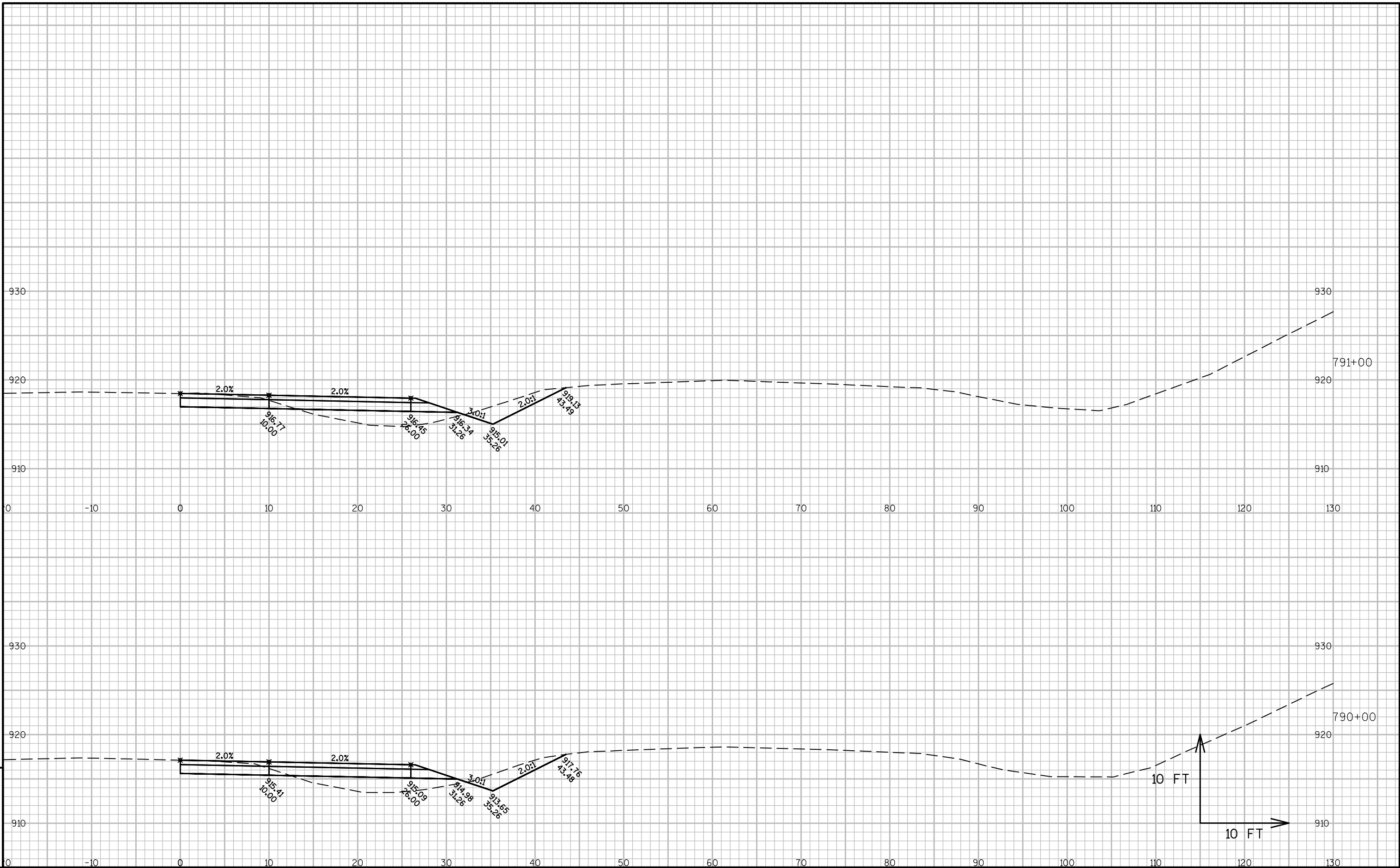


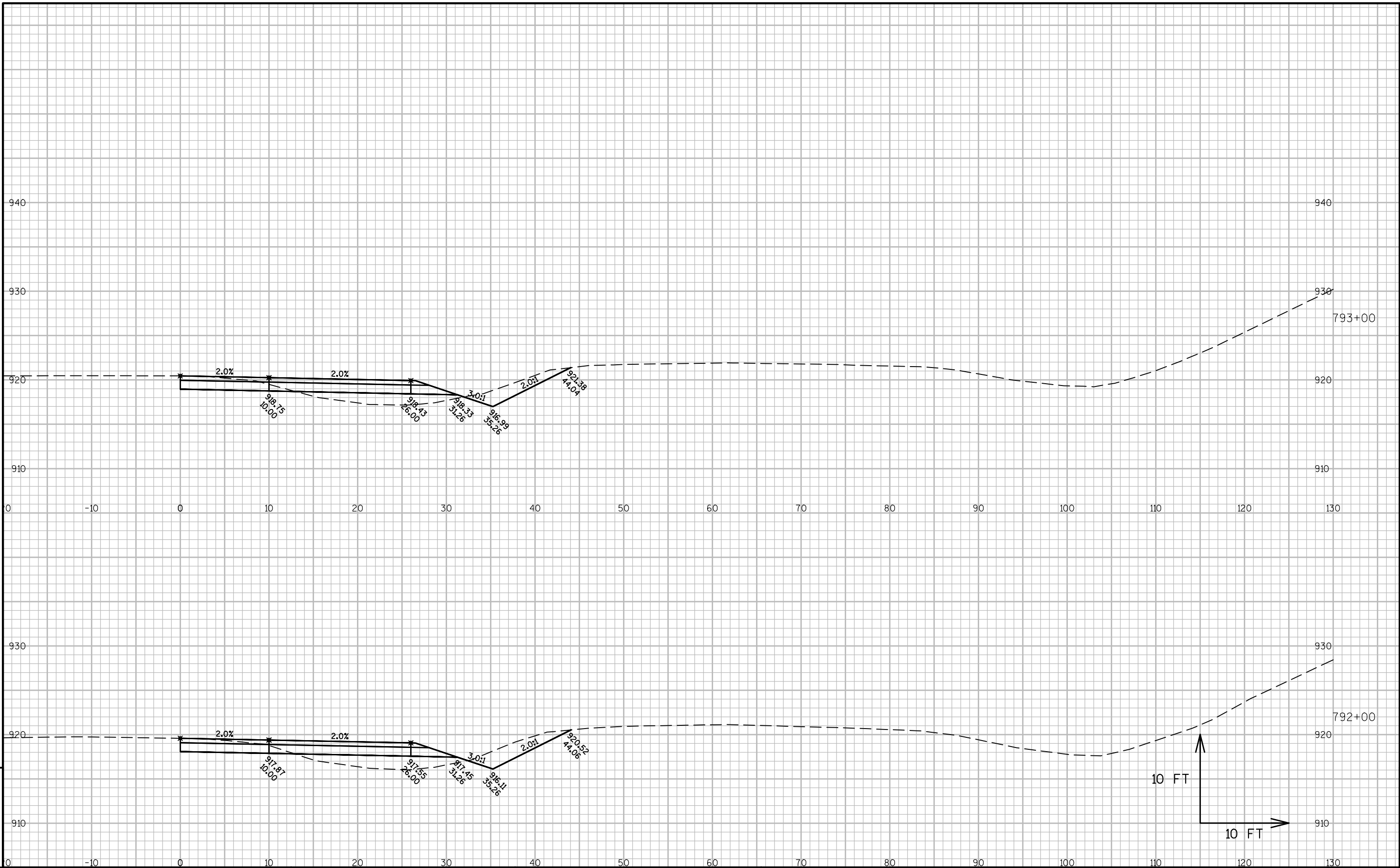


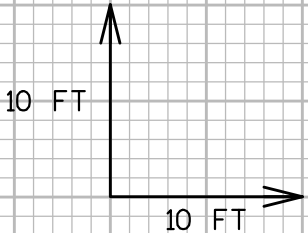
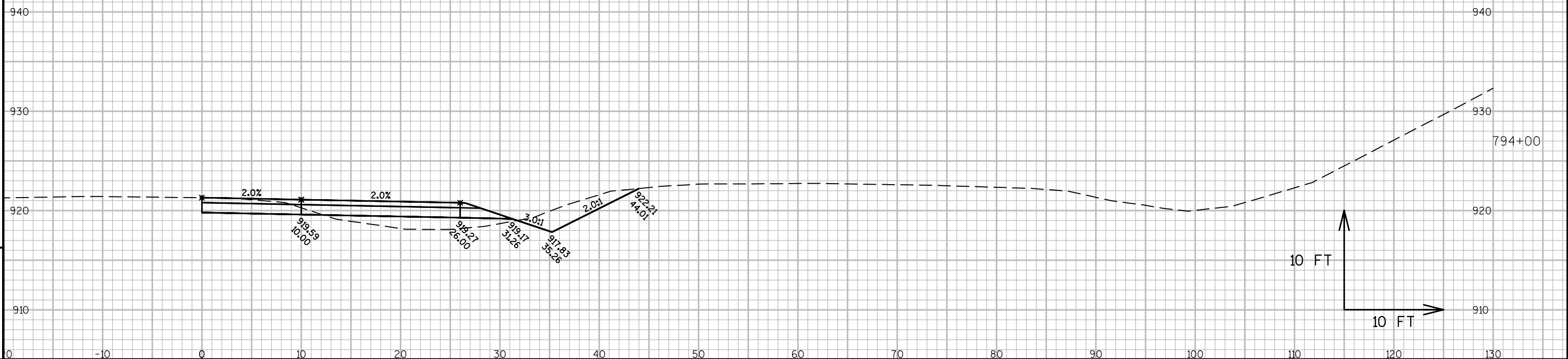
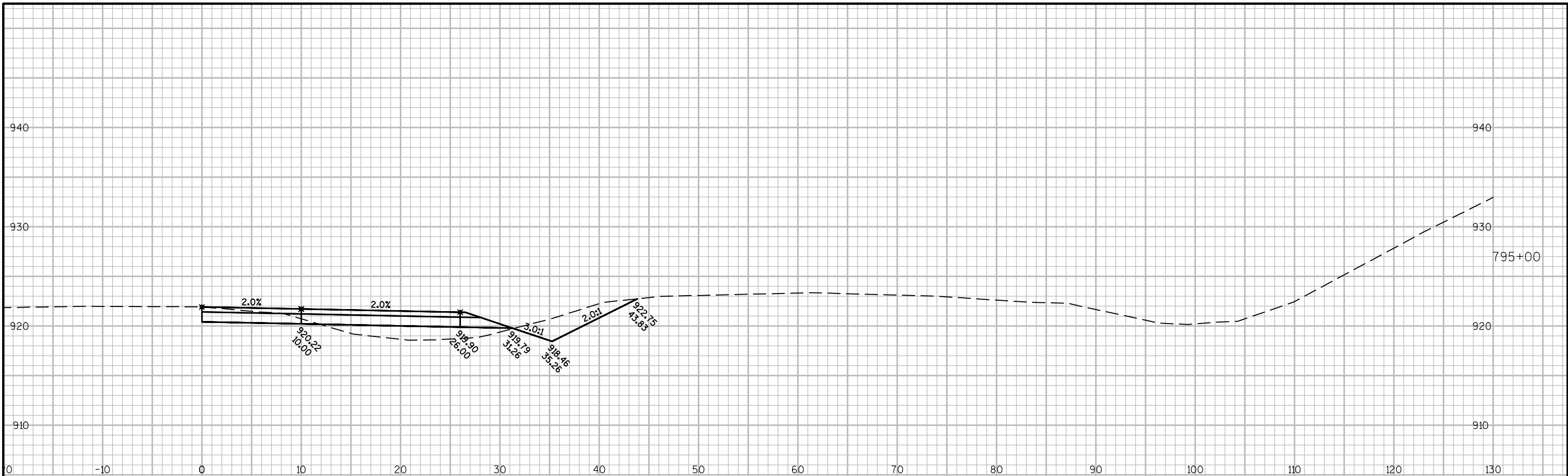
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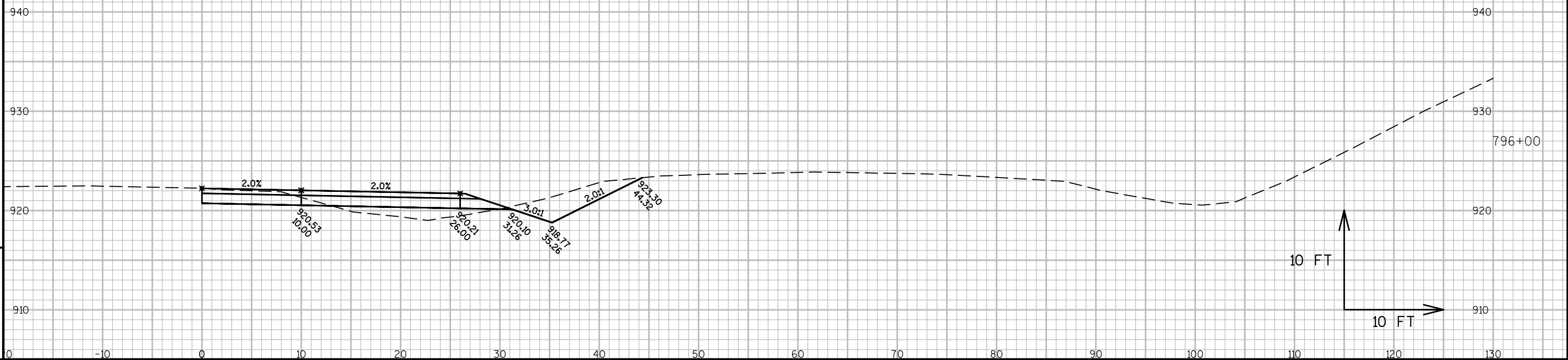
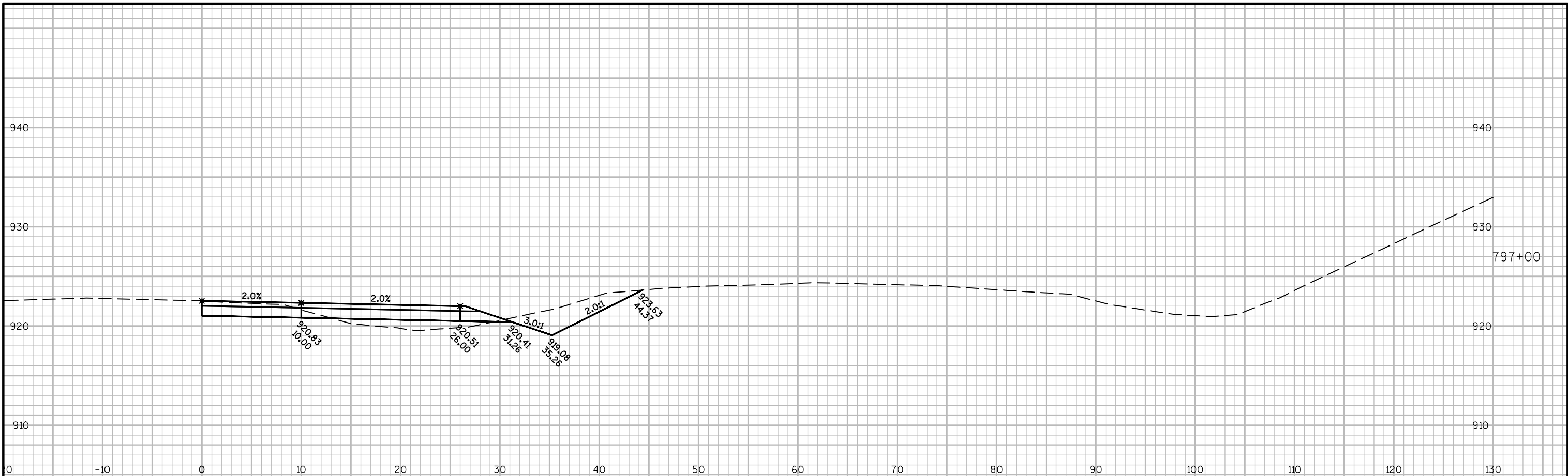
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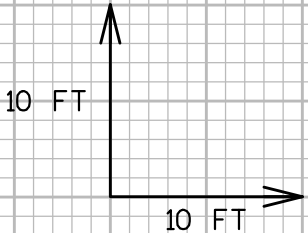
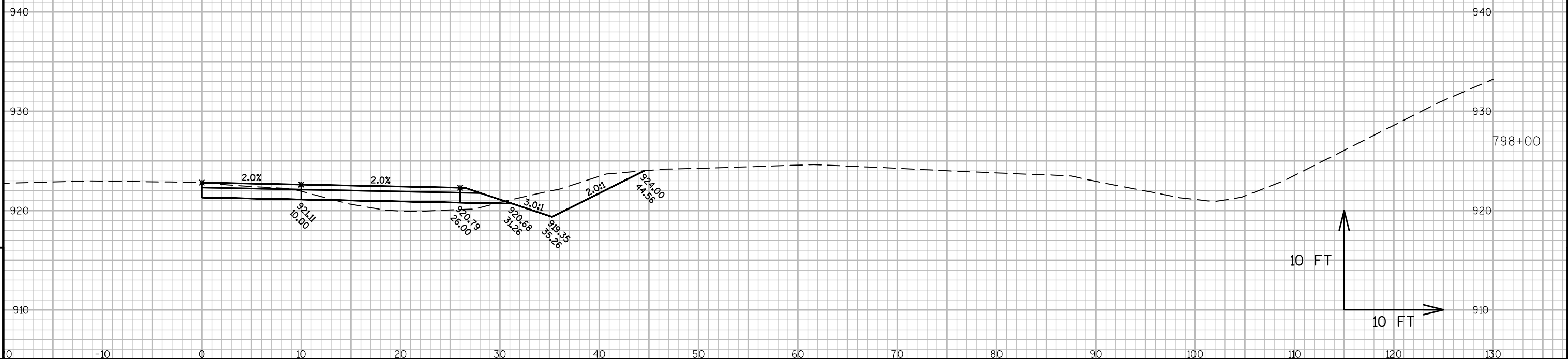
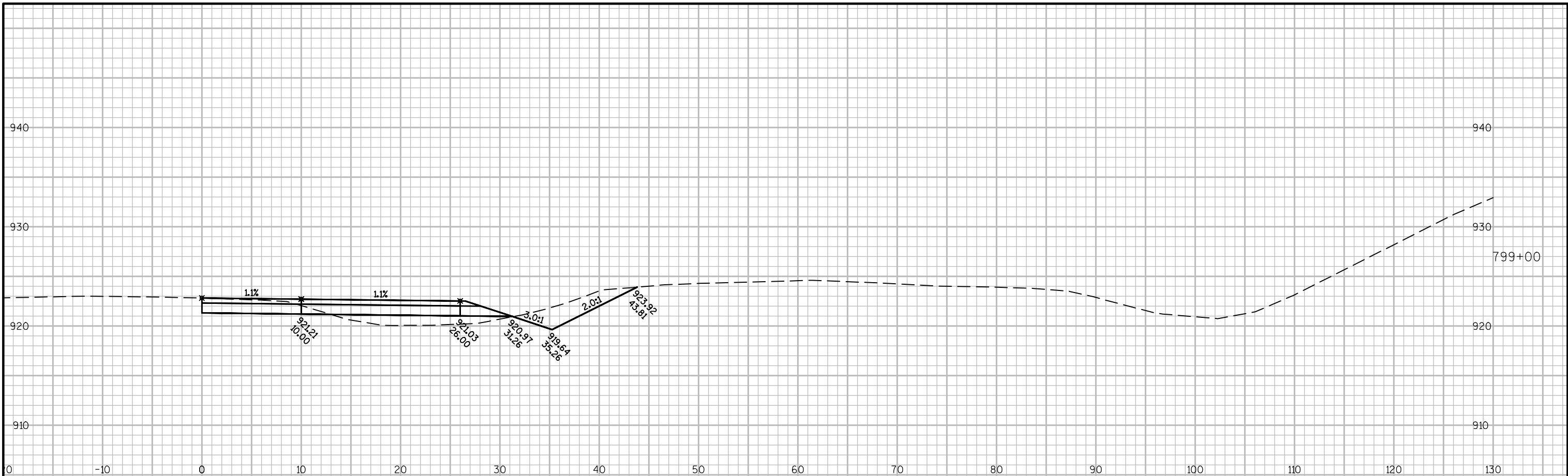


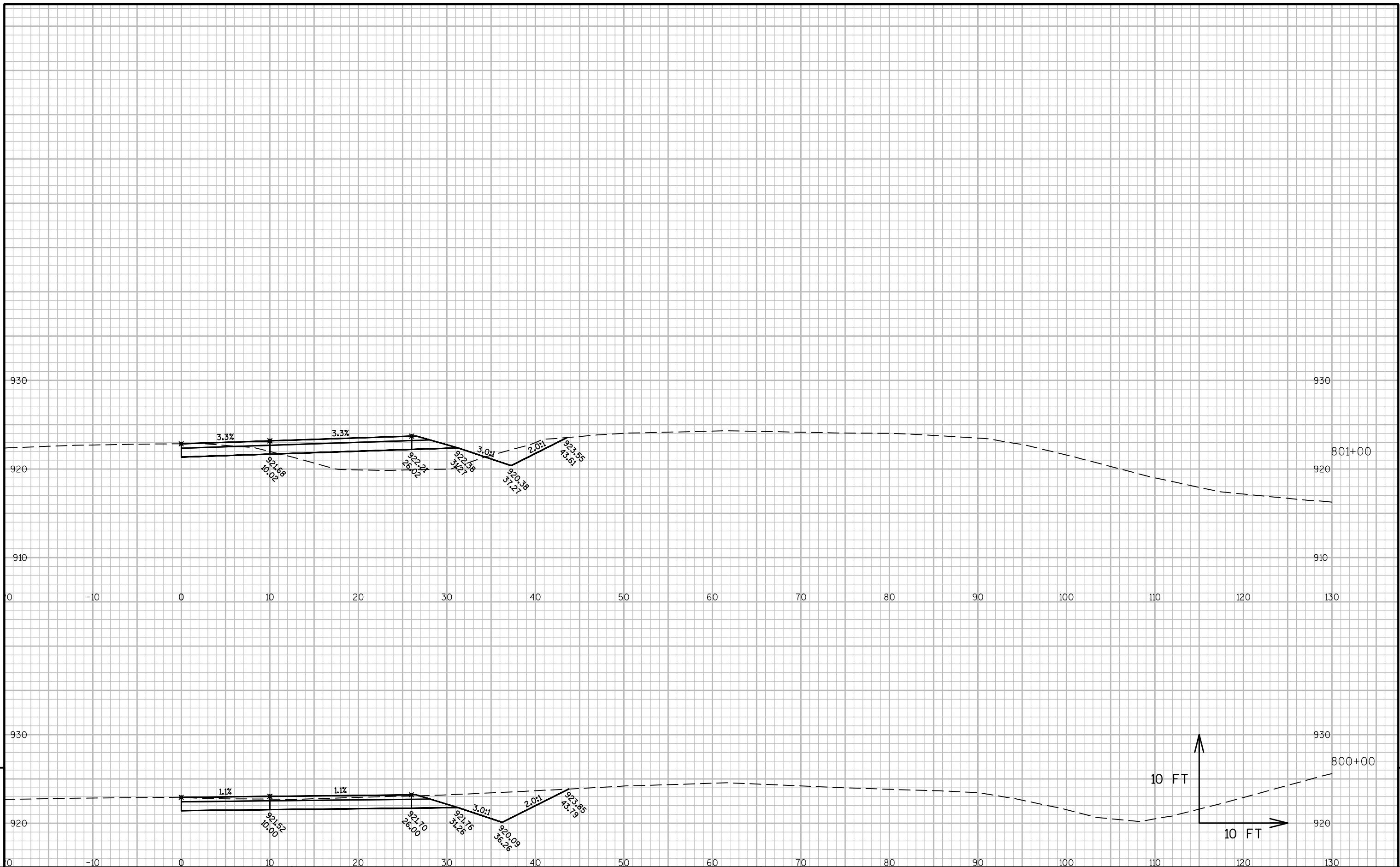


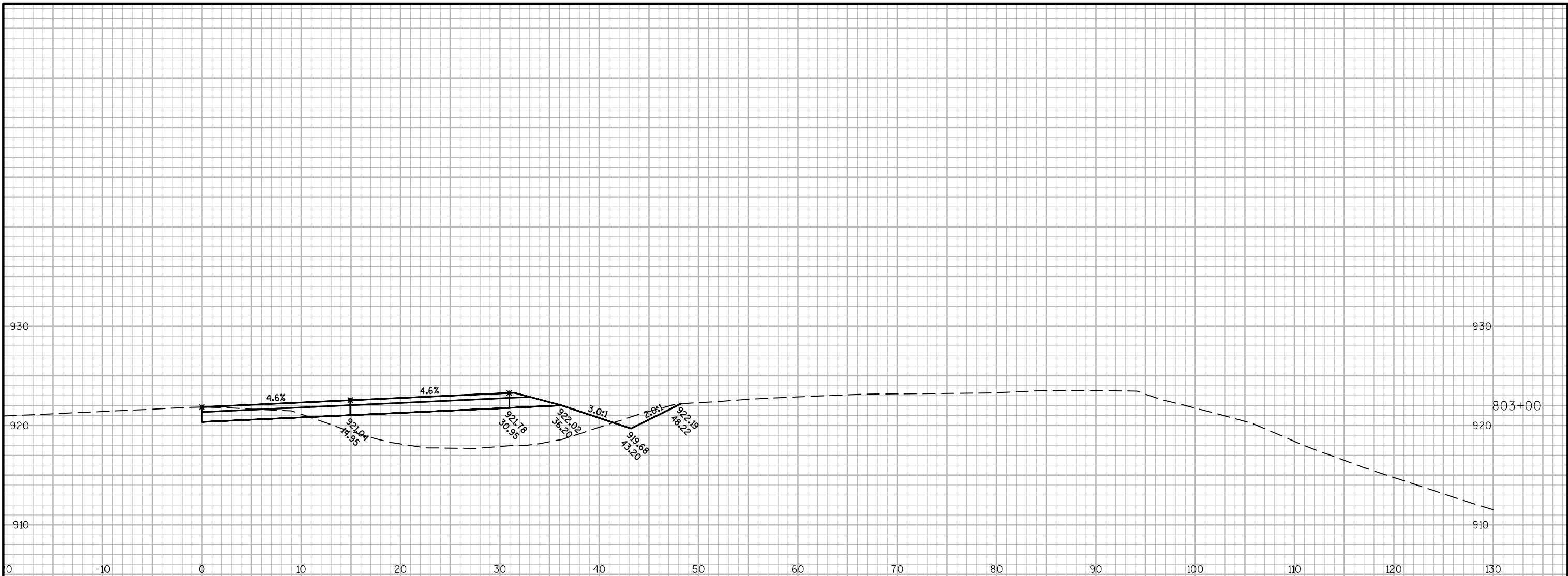




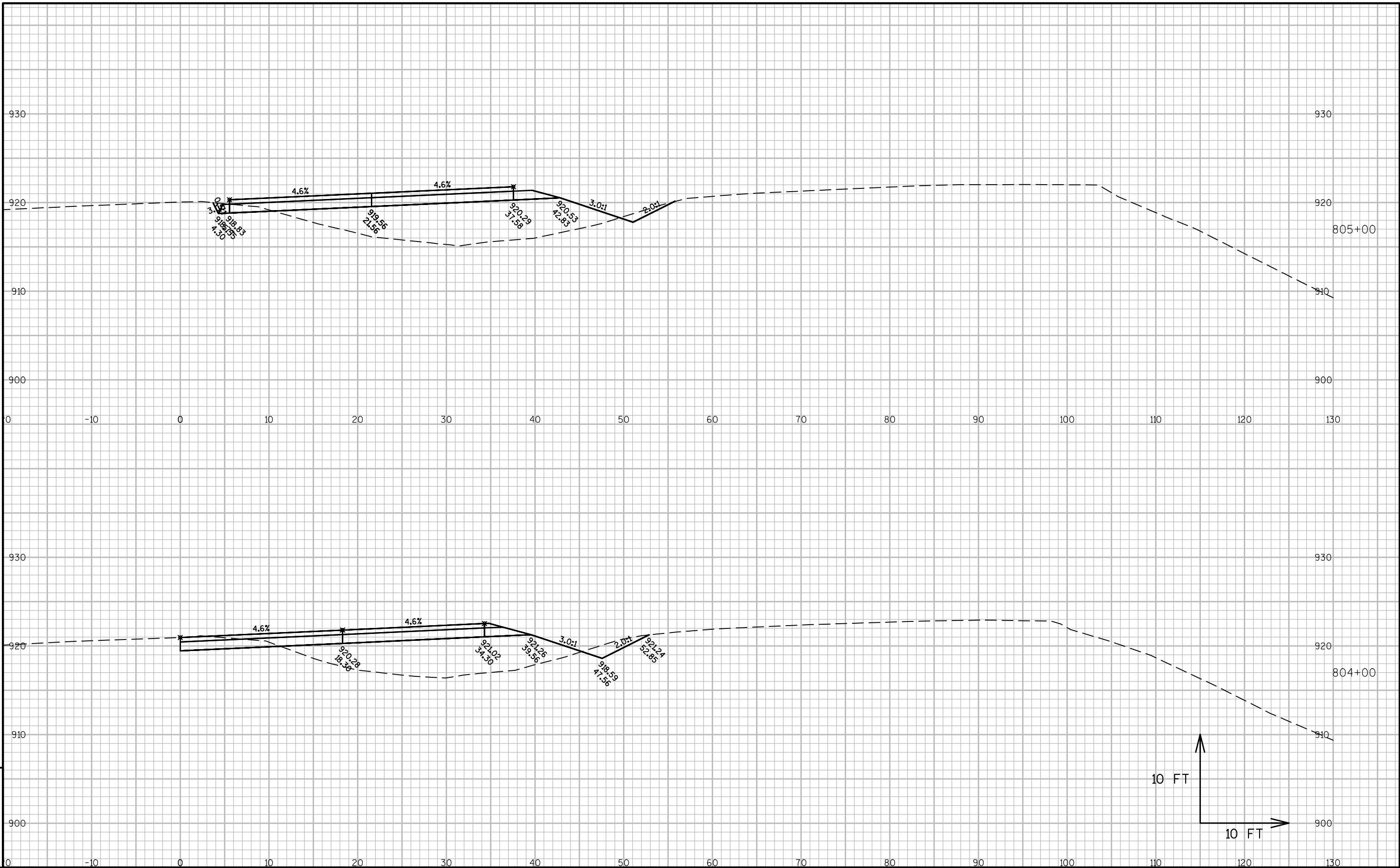


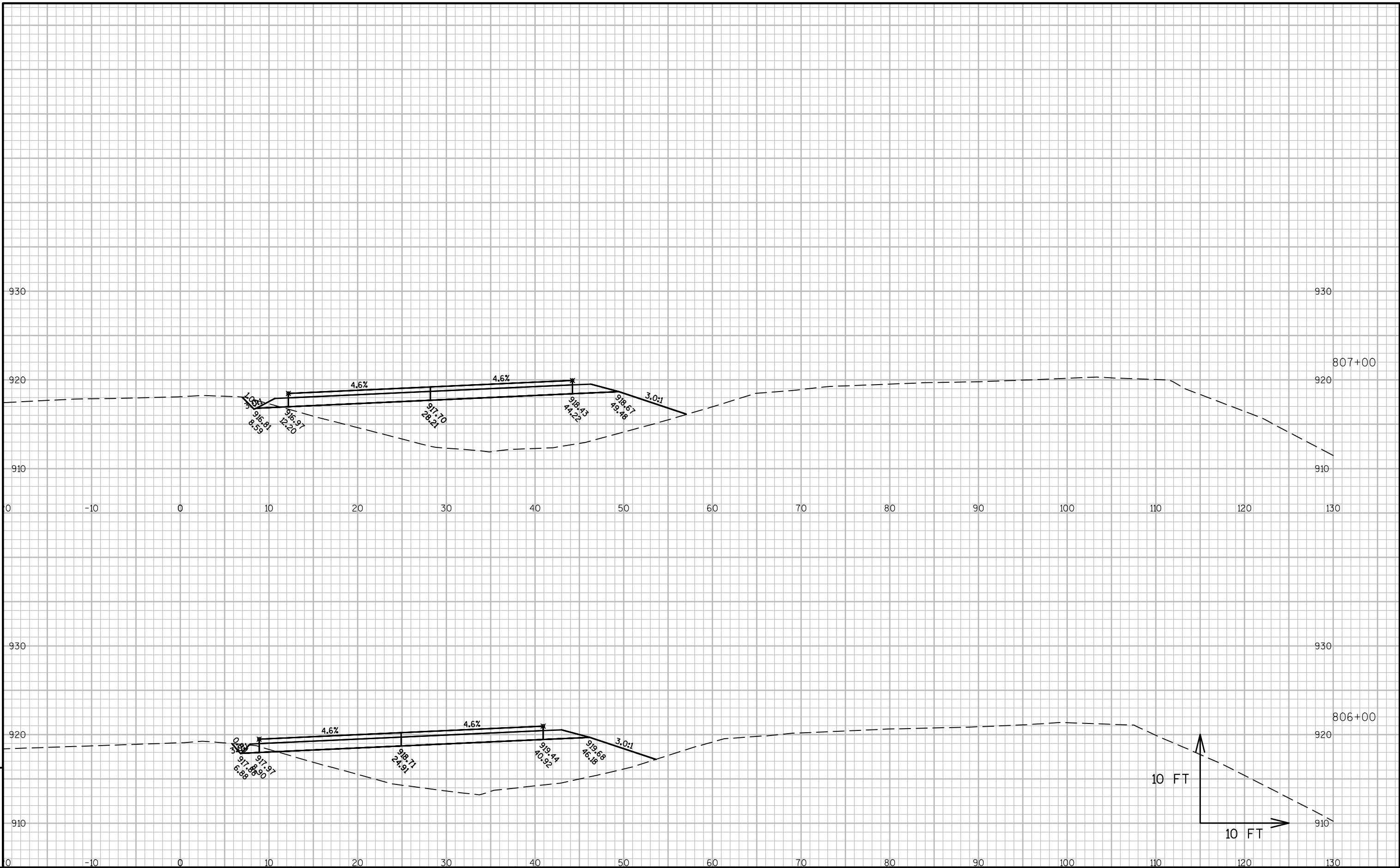


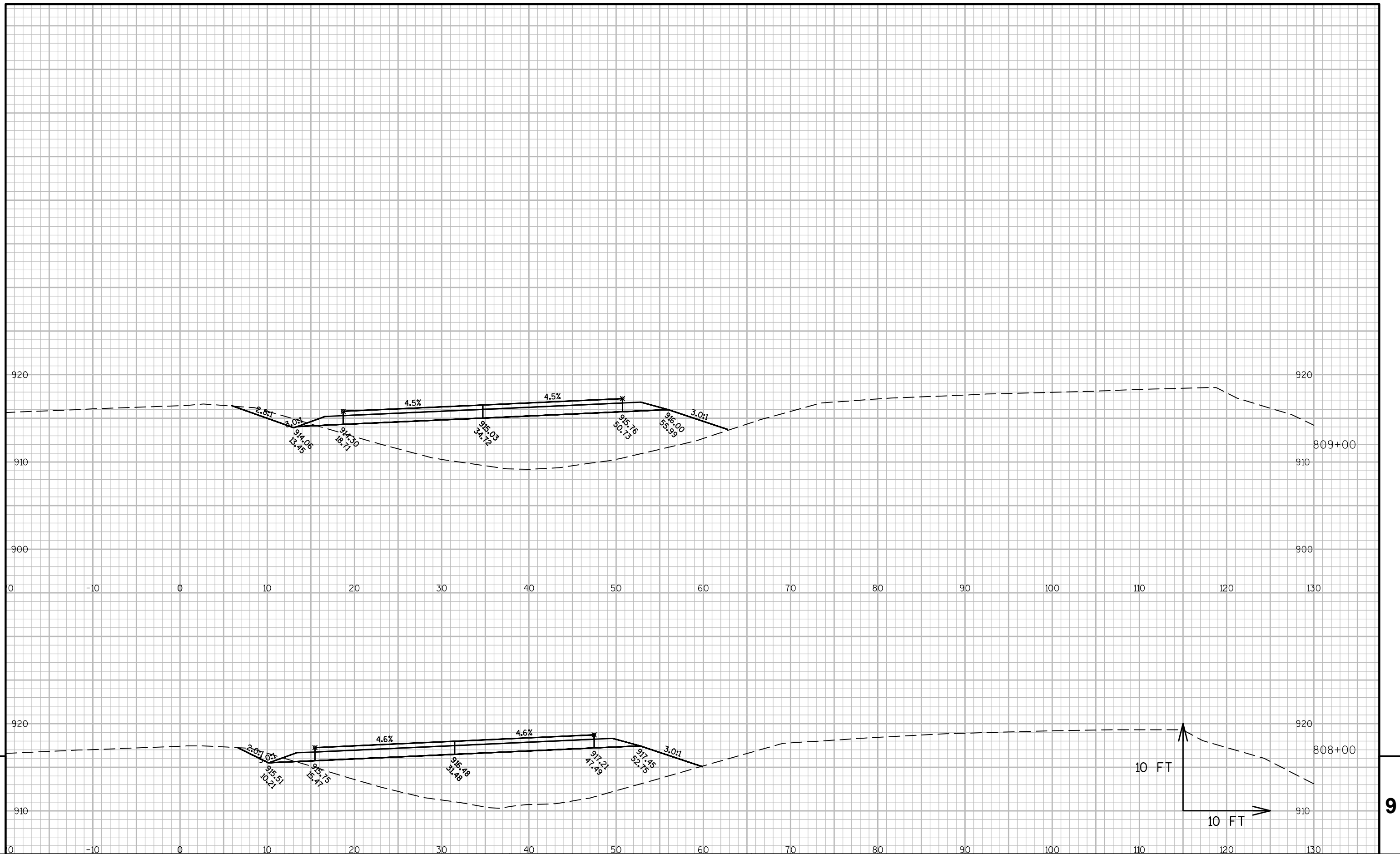


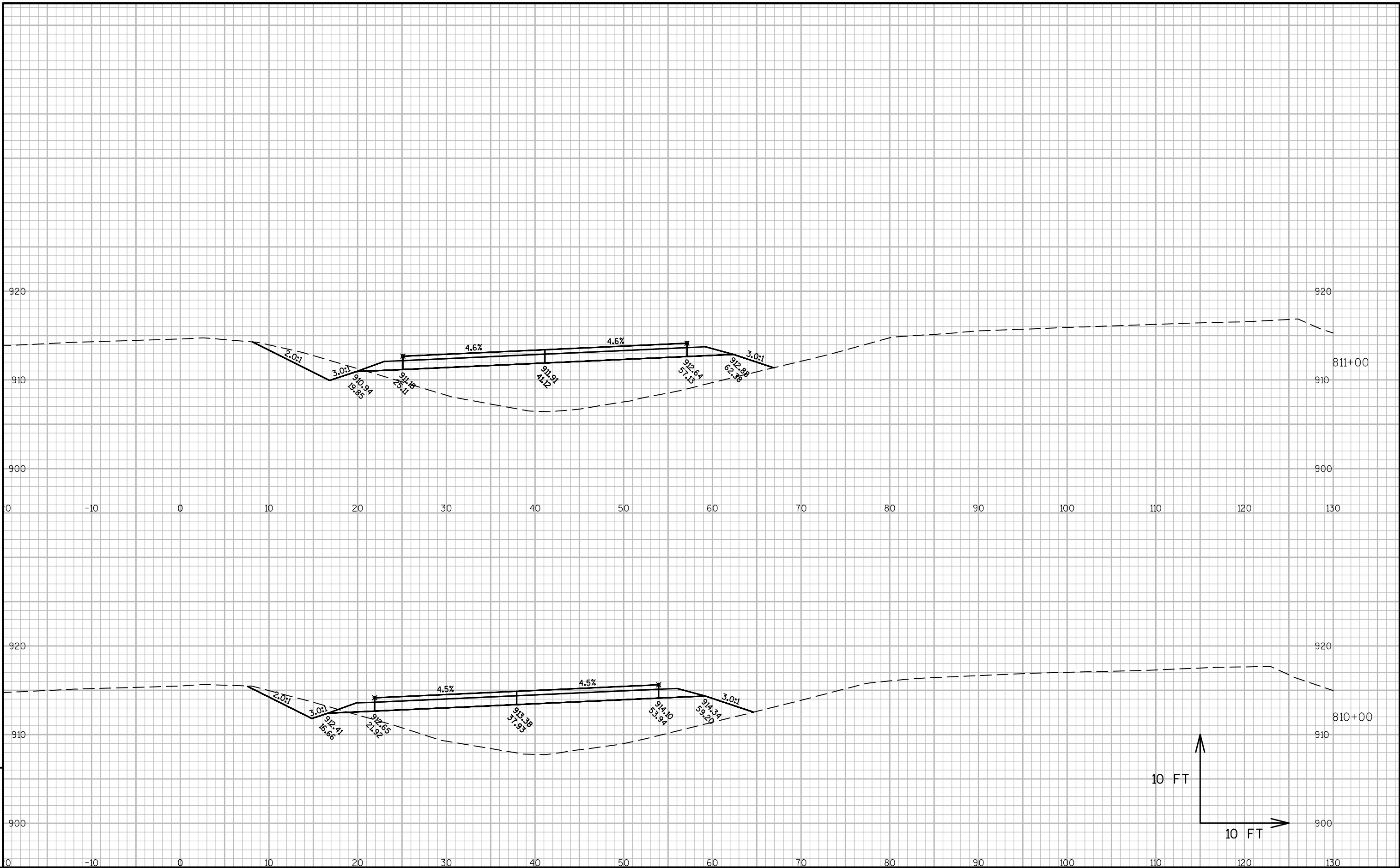


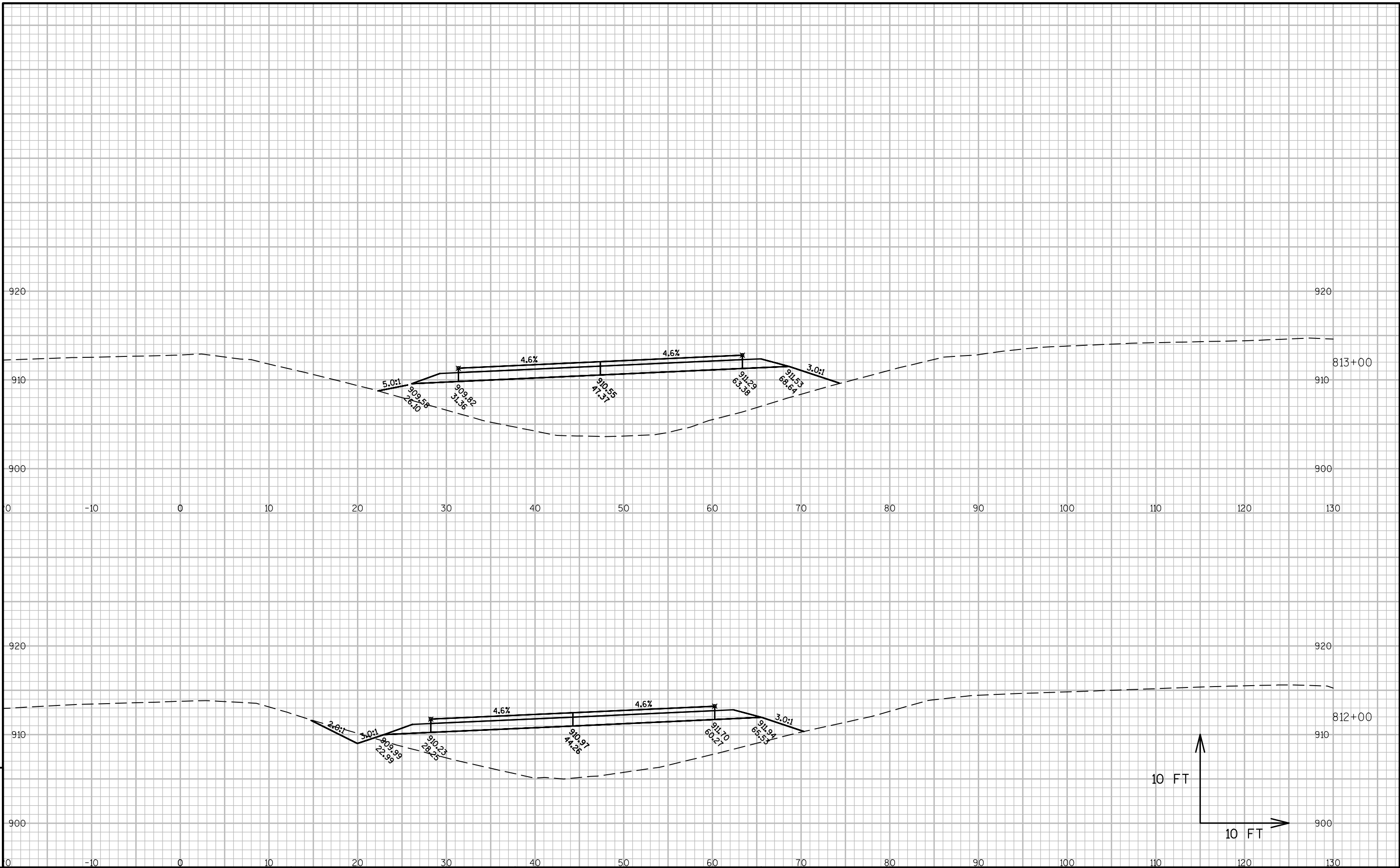
PROJECT NO:1022-08-72	HWY: IH 94	COUNTY: DUNN	CROSS SECTIONS: IH 94 WB STAGE 2G	SHEET	E
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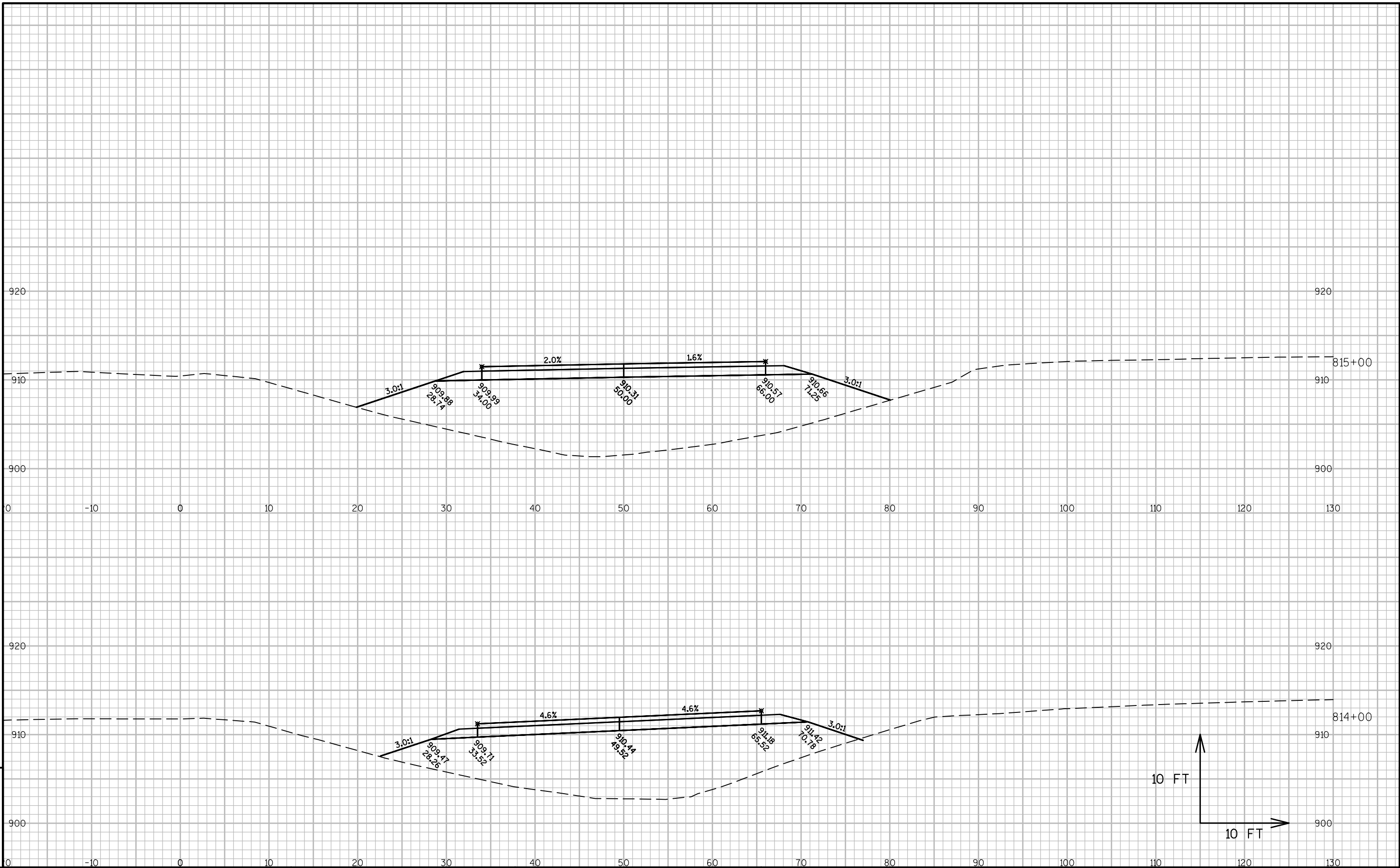


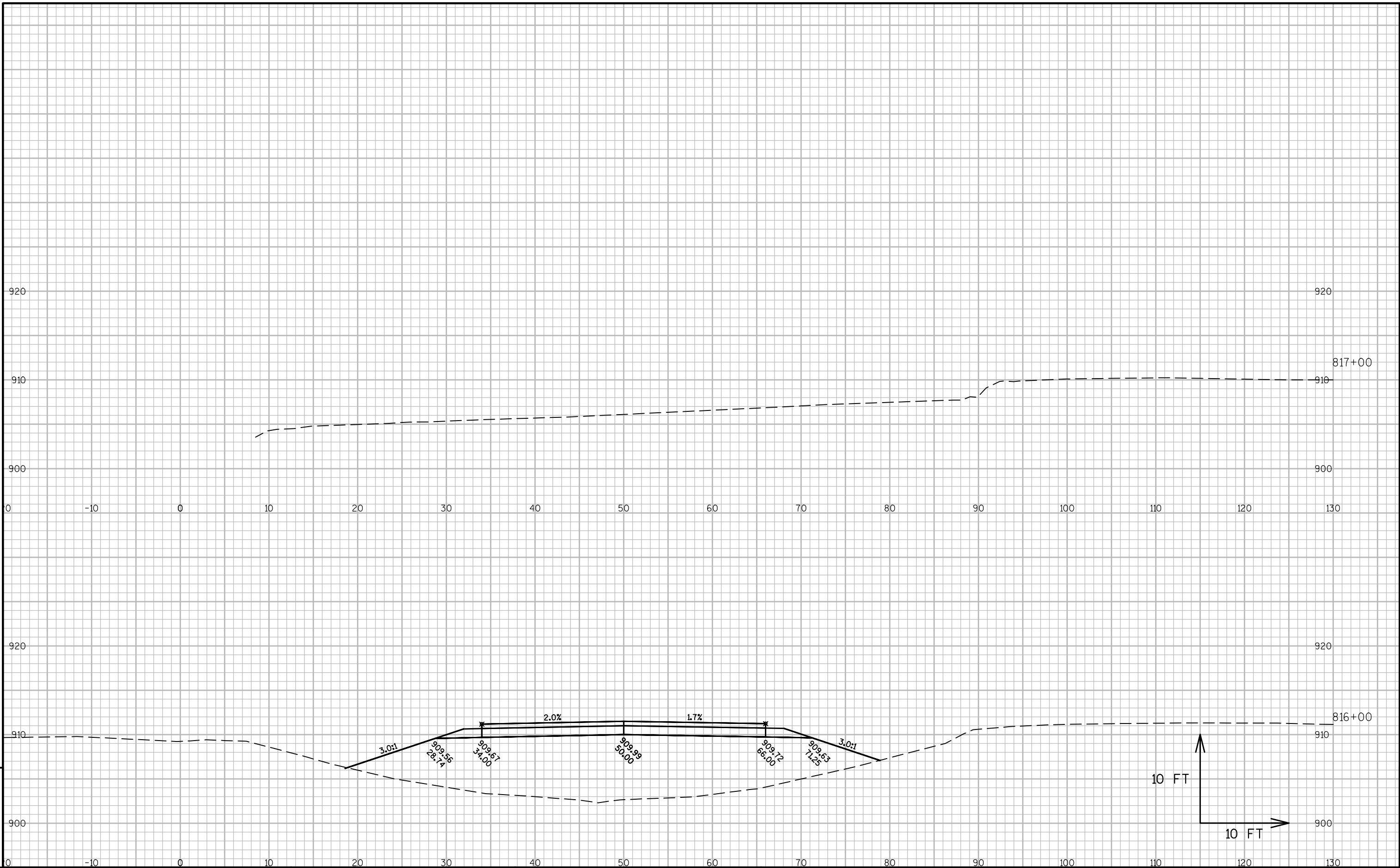


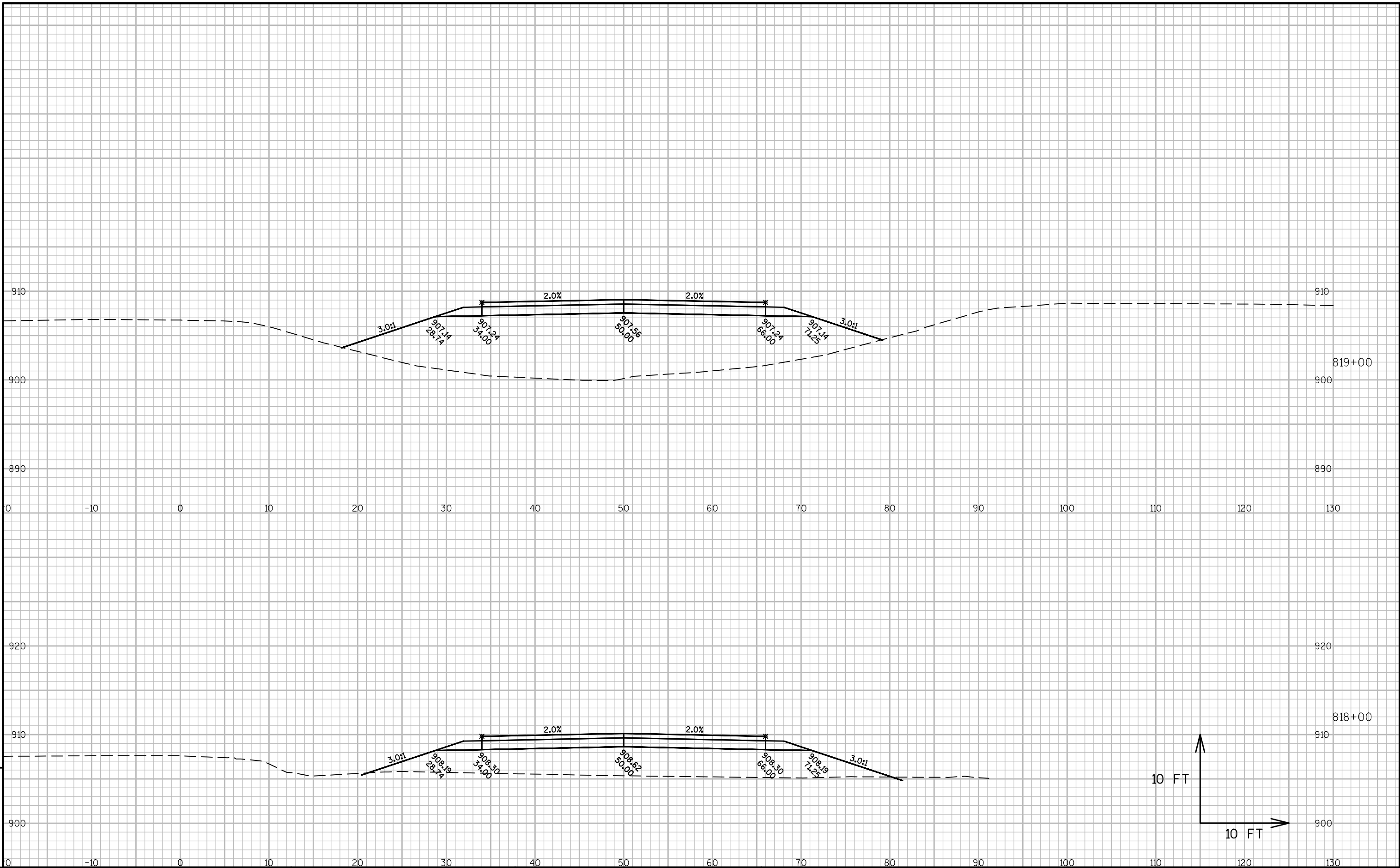


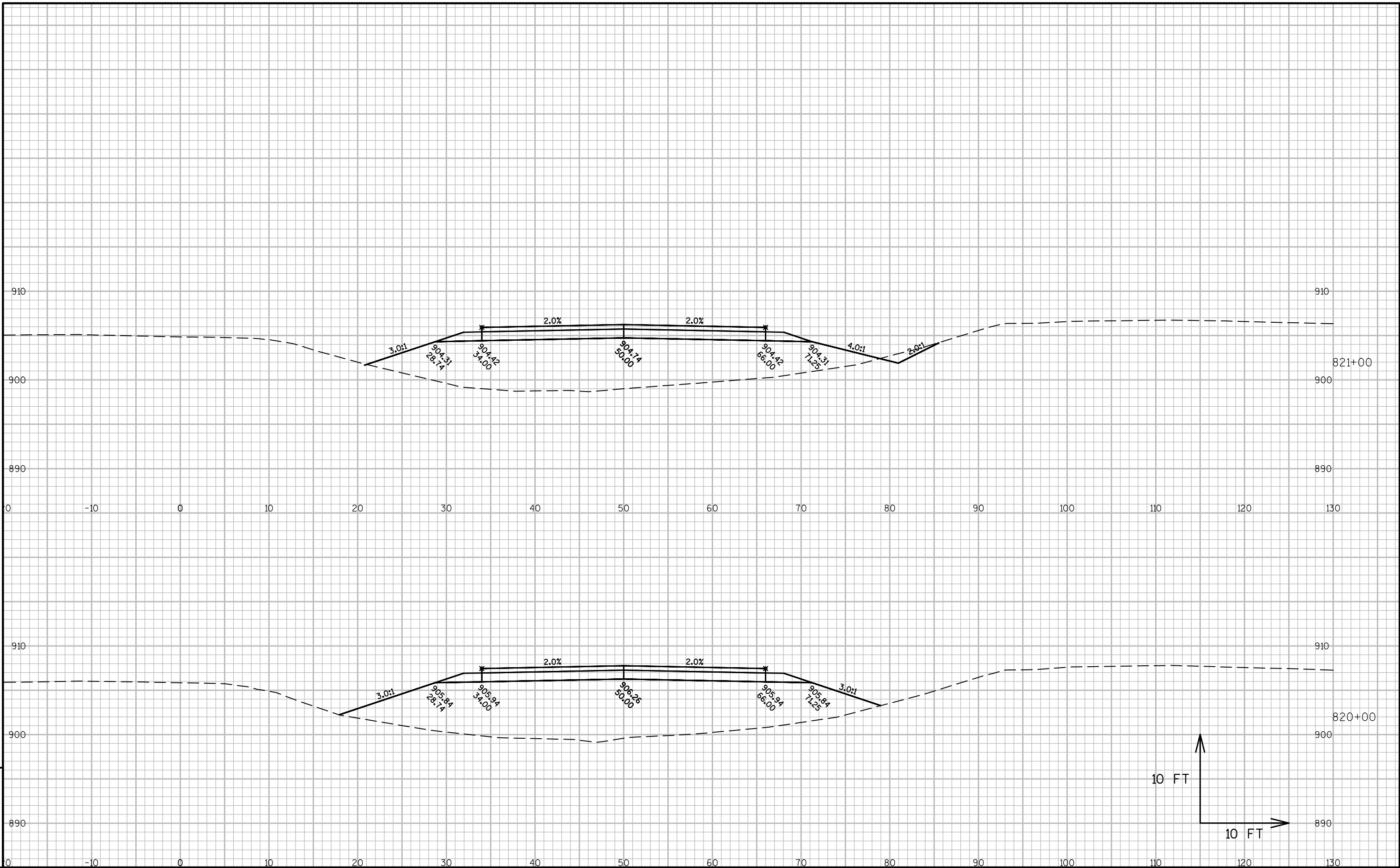


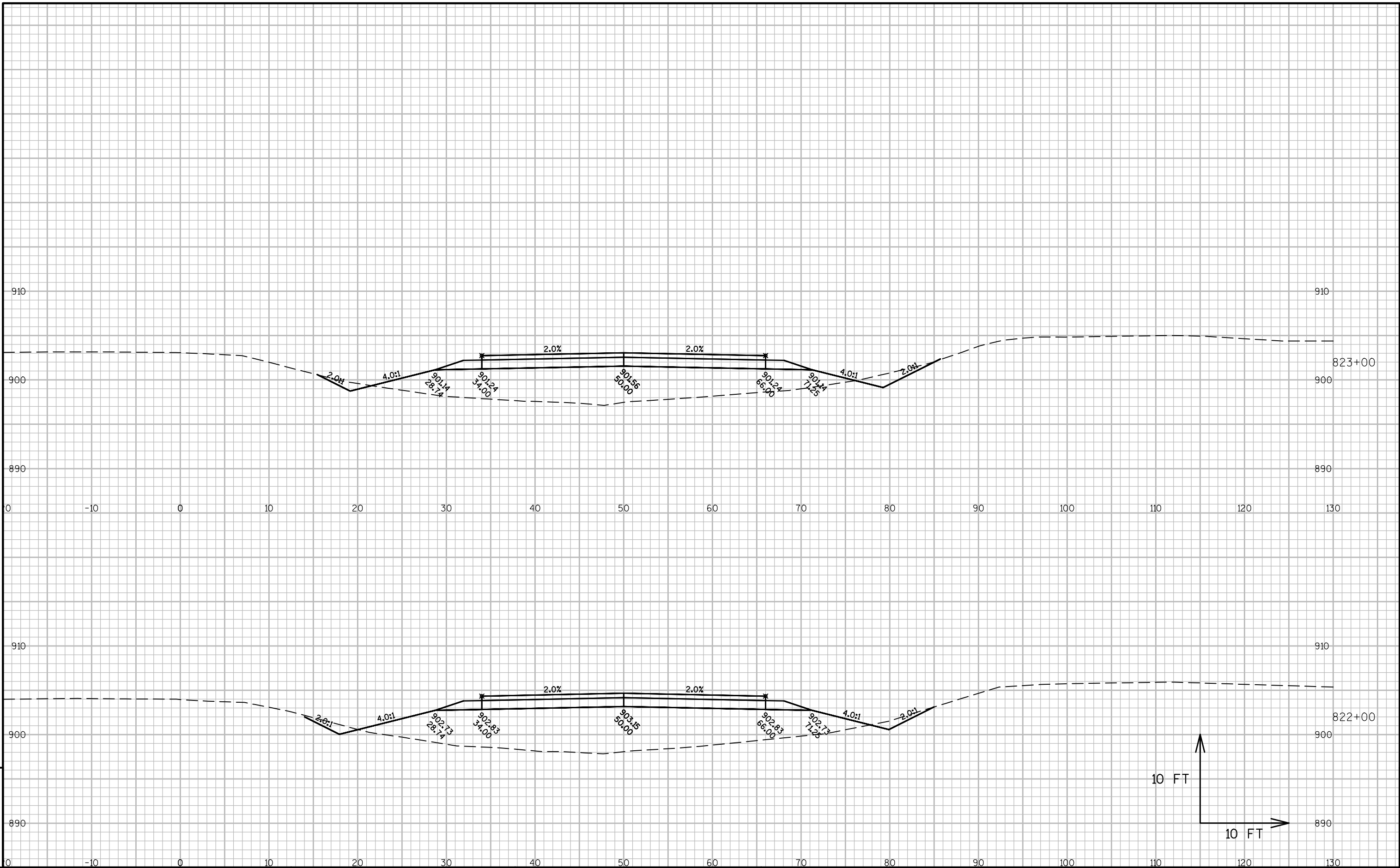


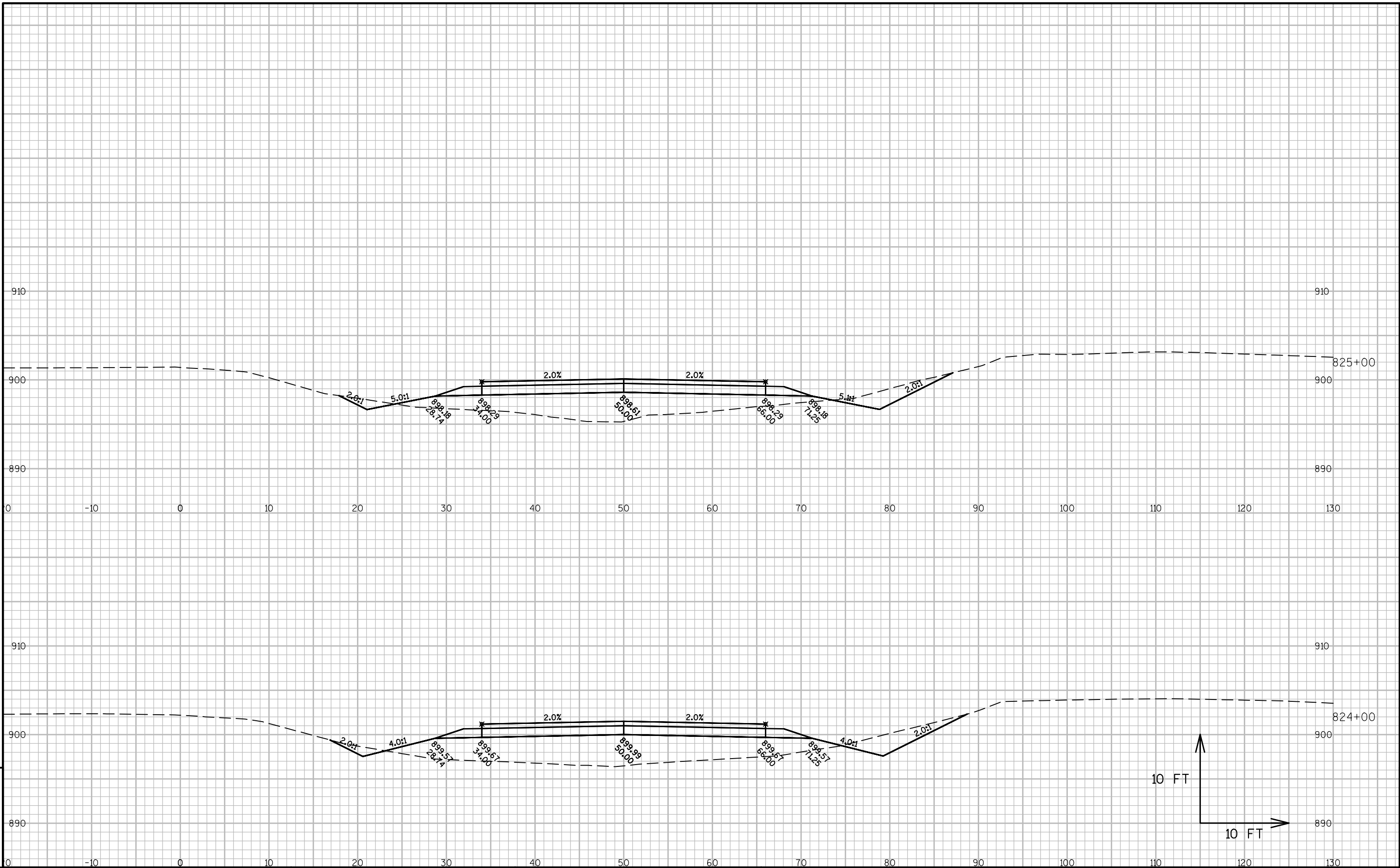


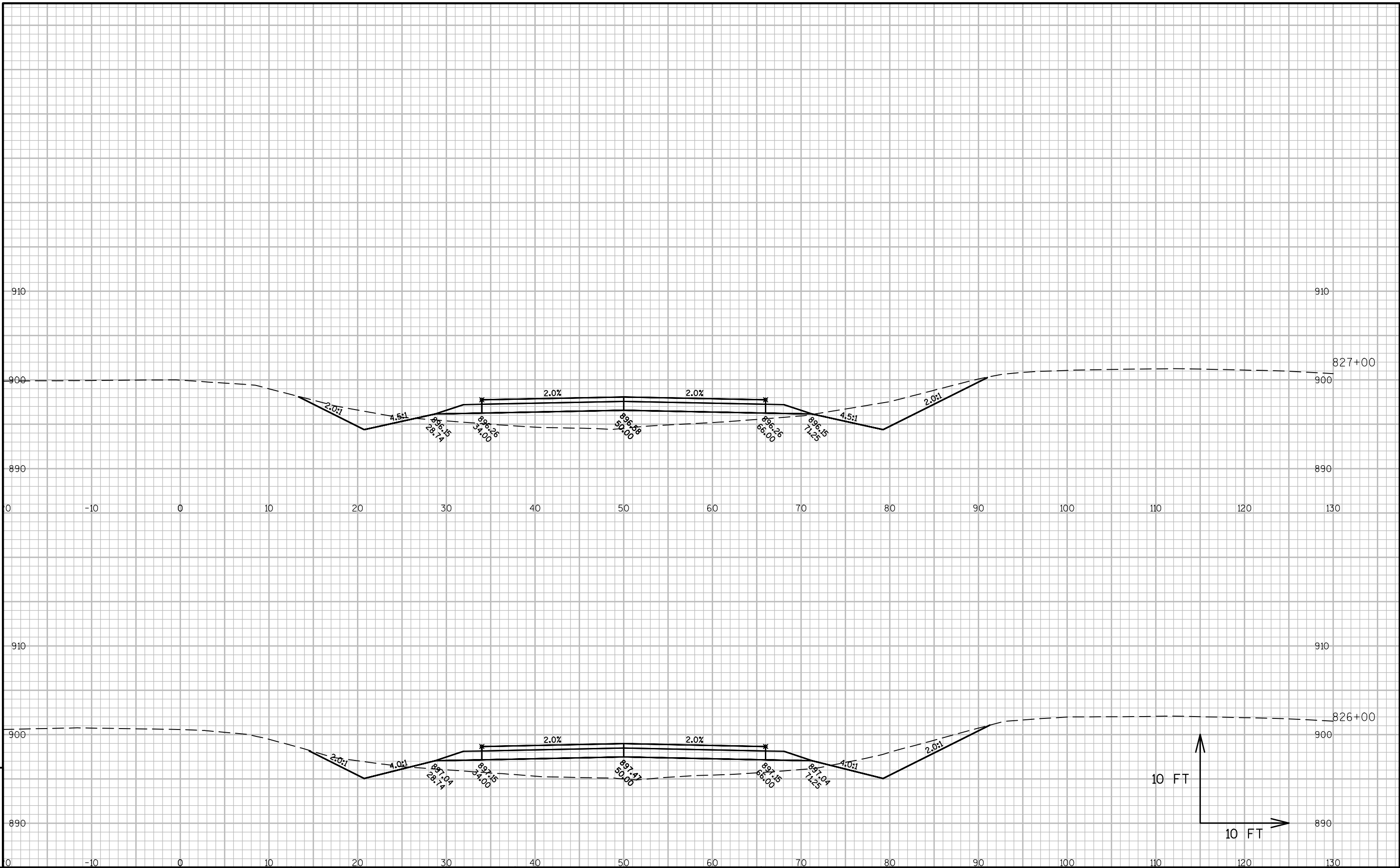


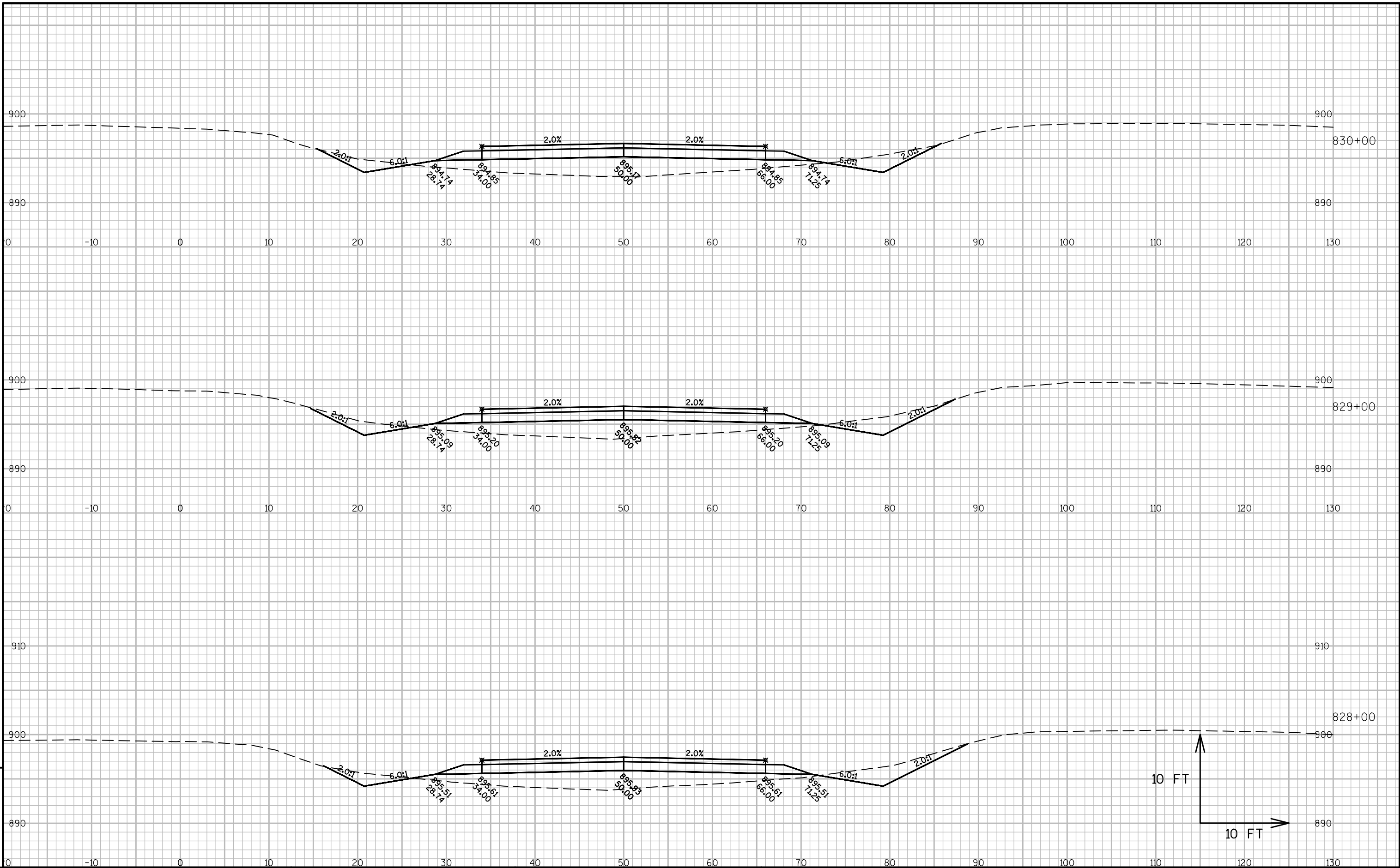


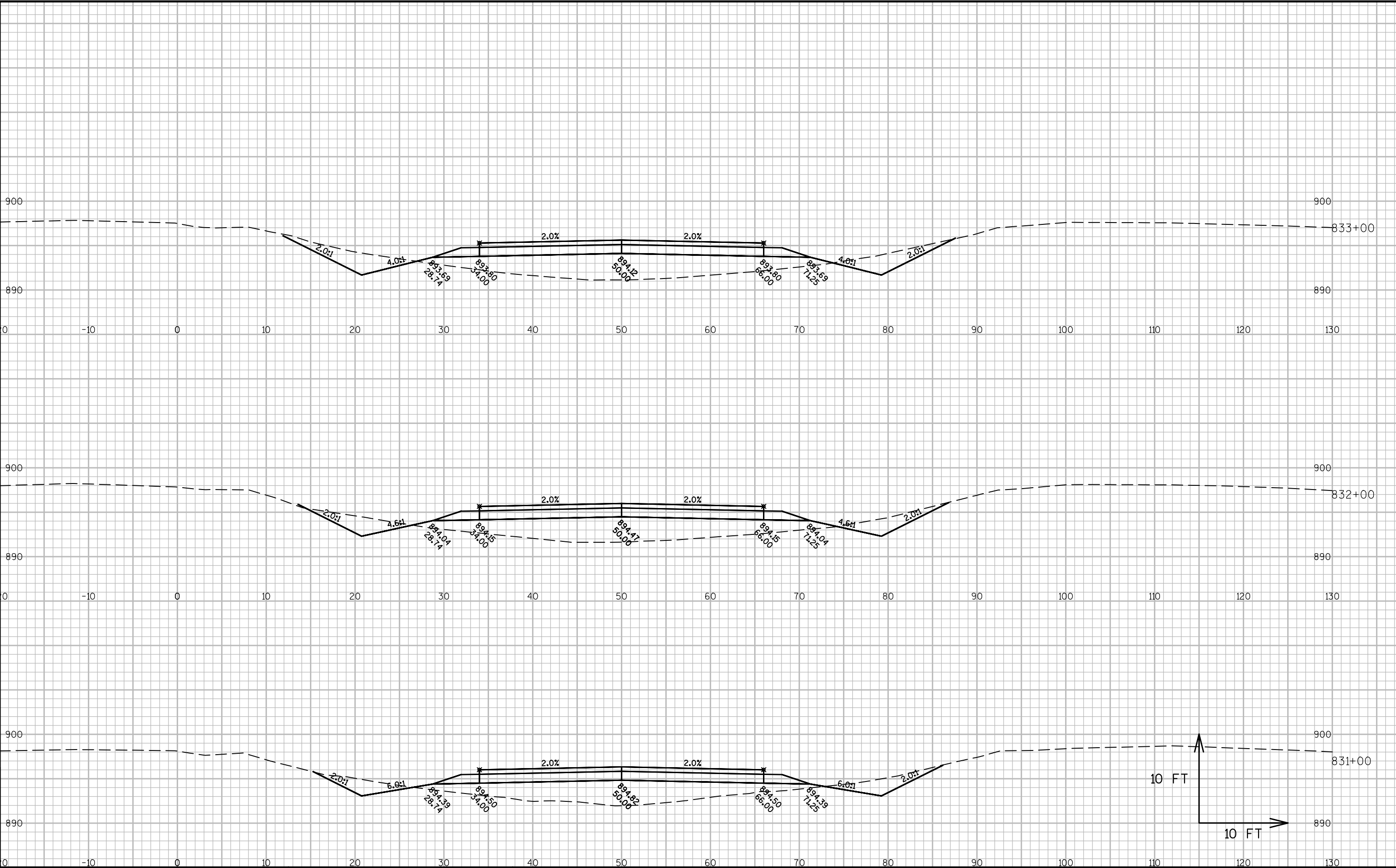


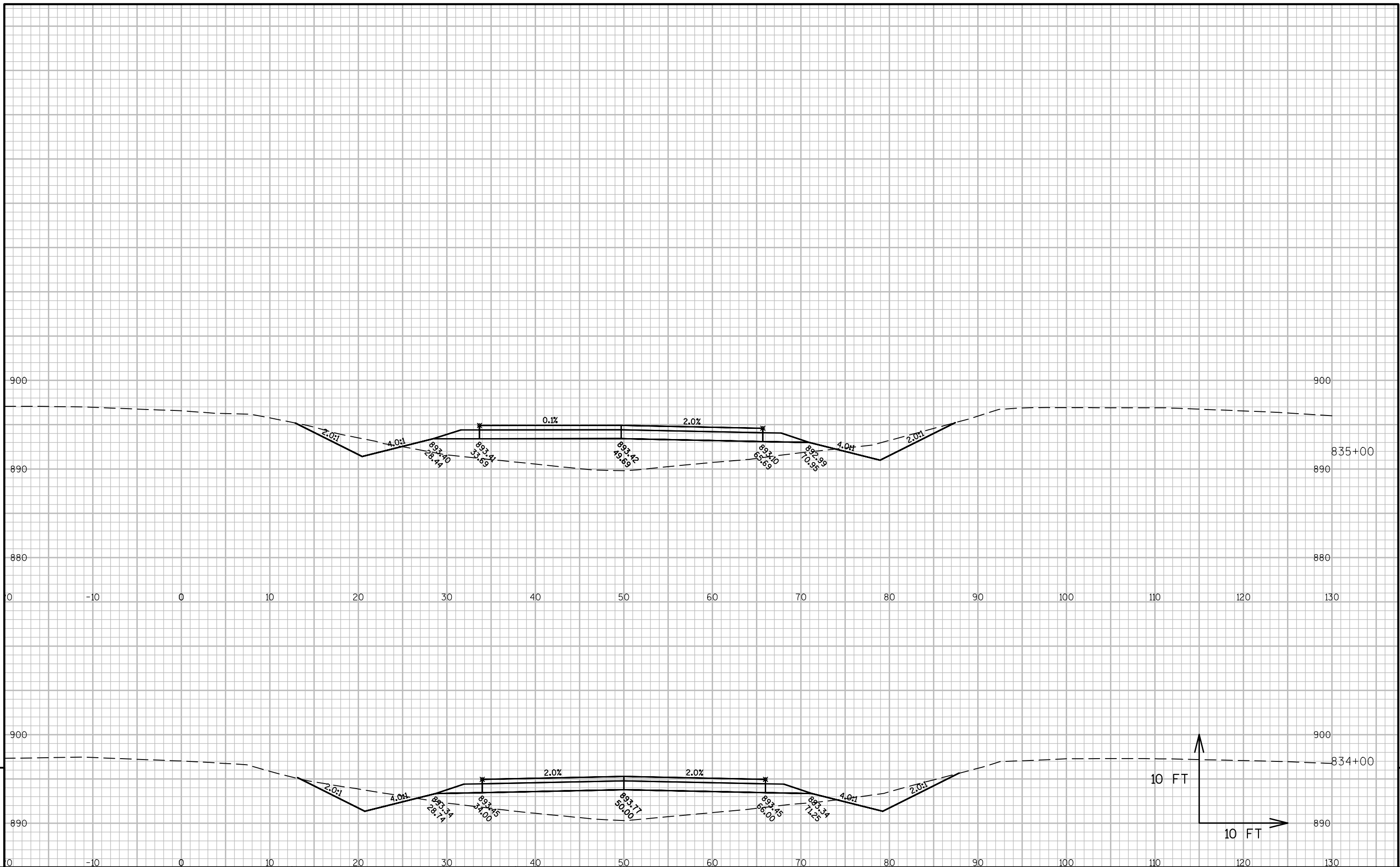


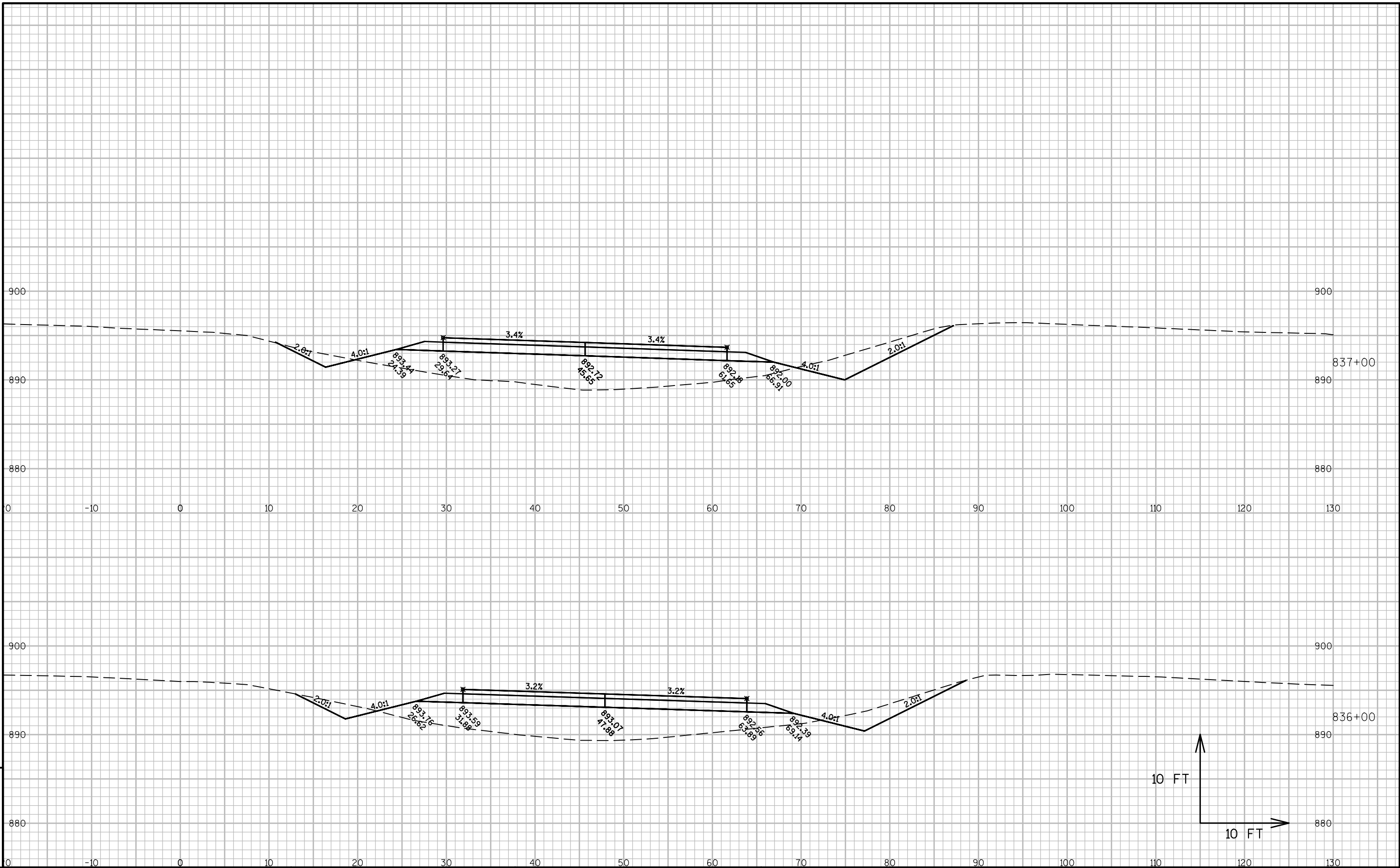


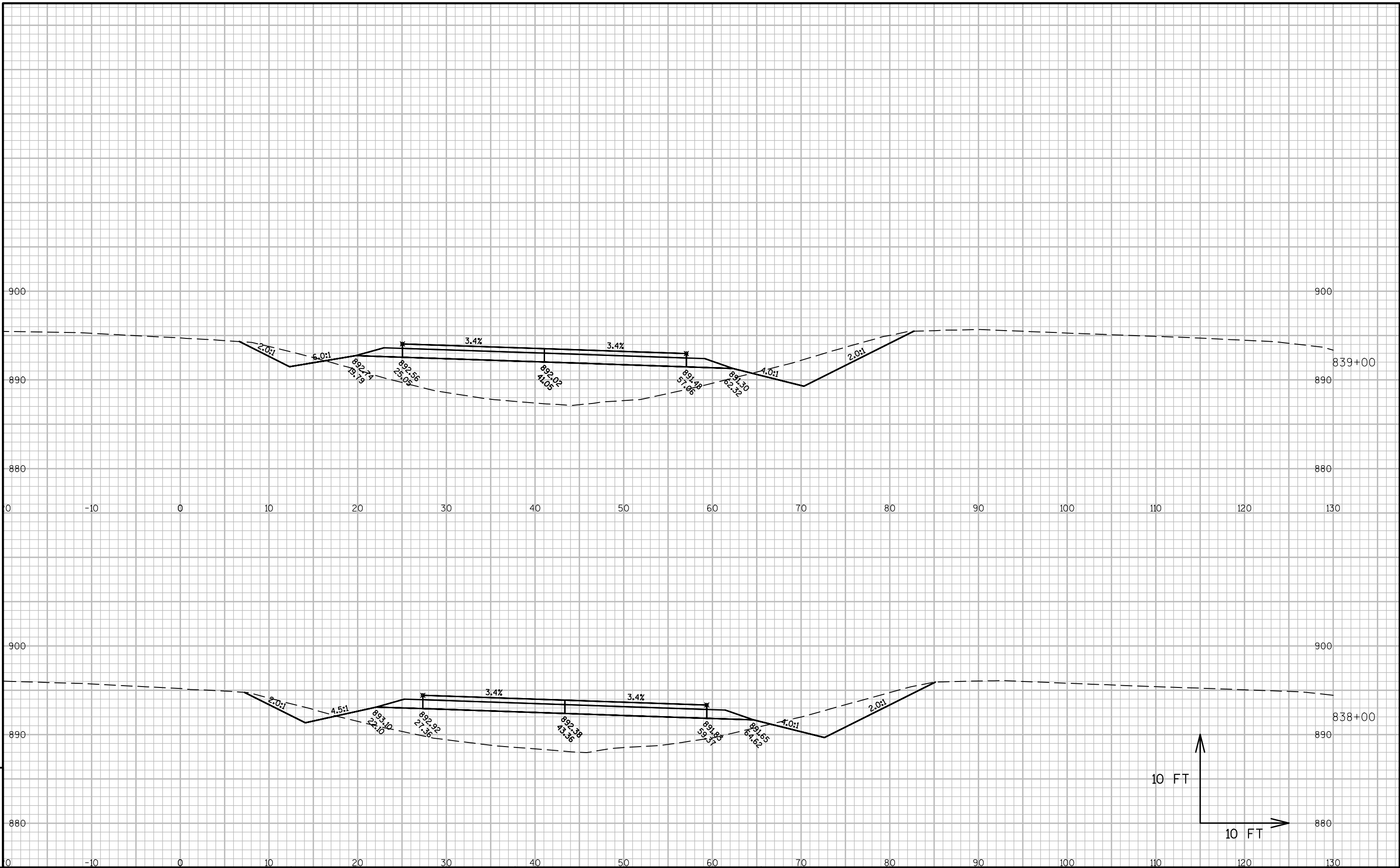


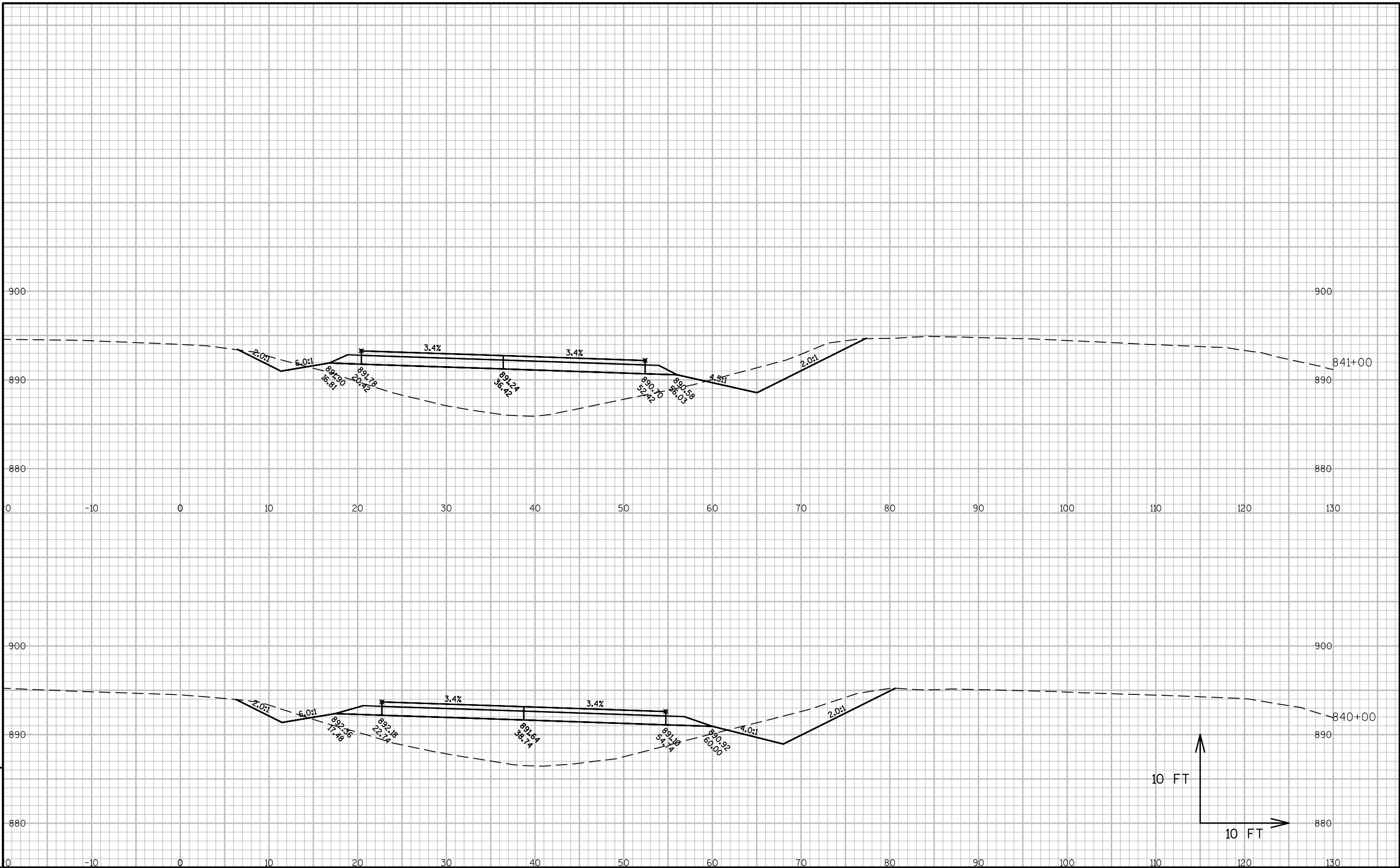


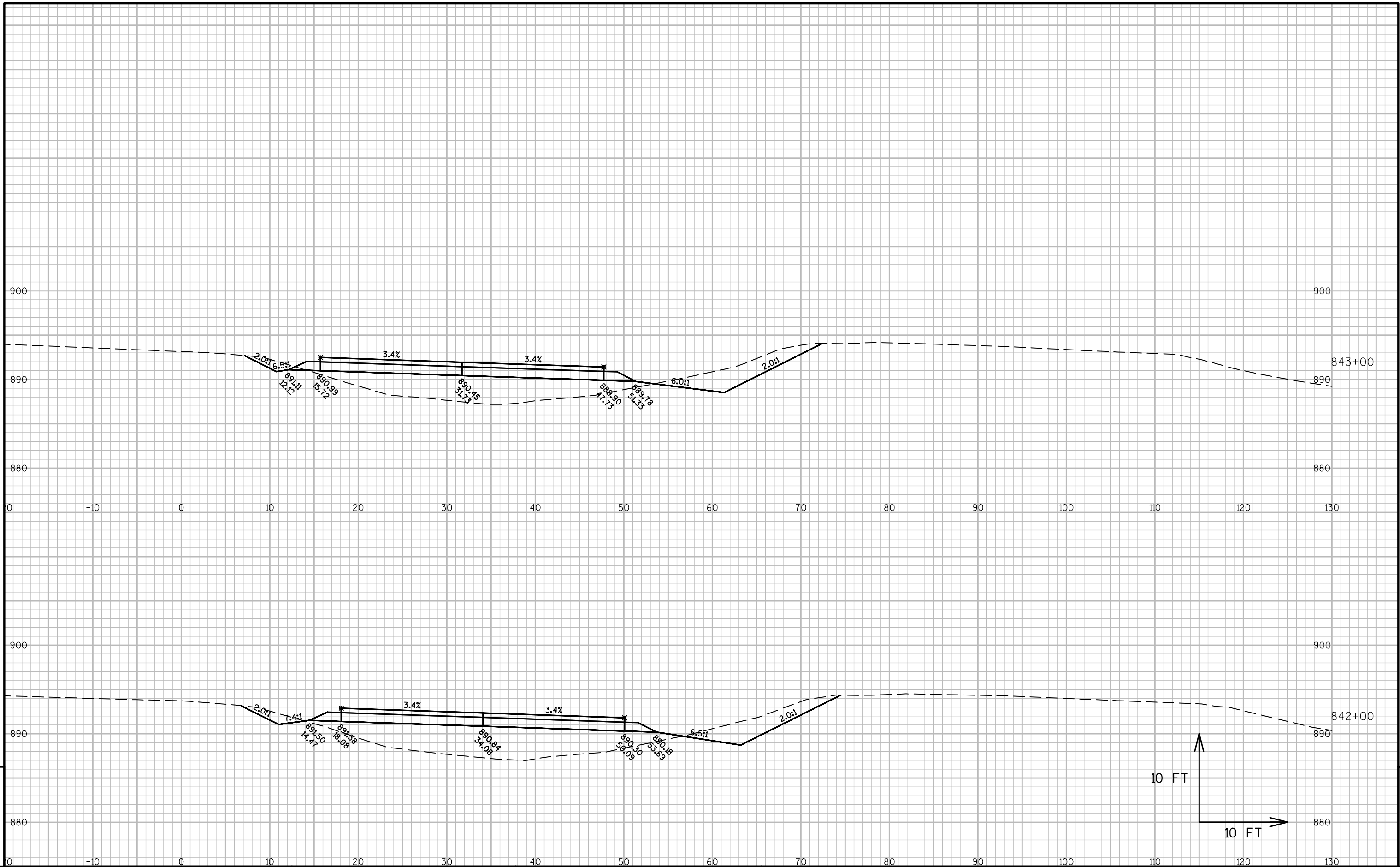


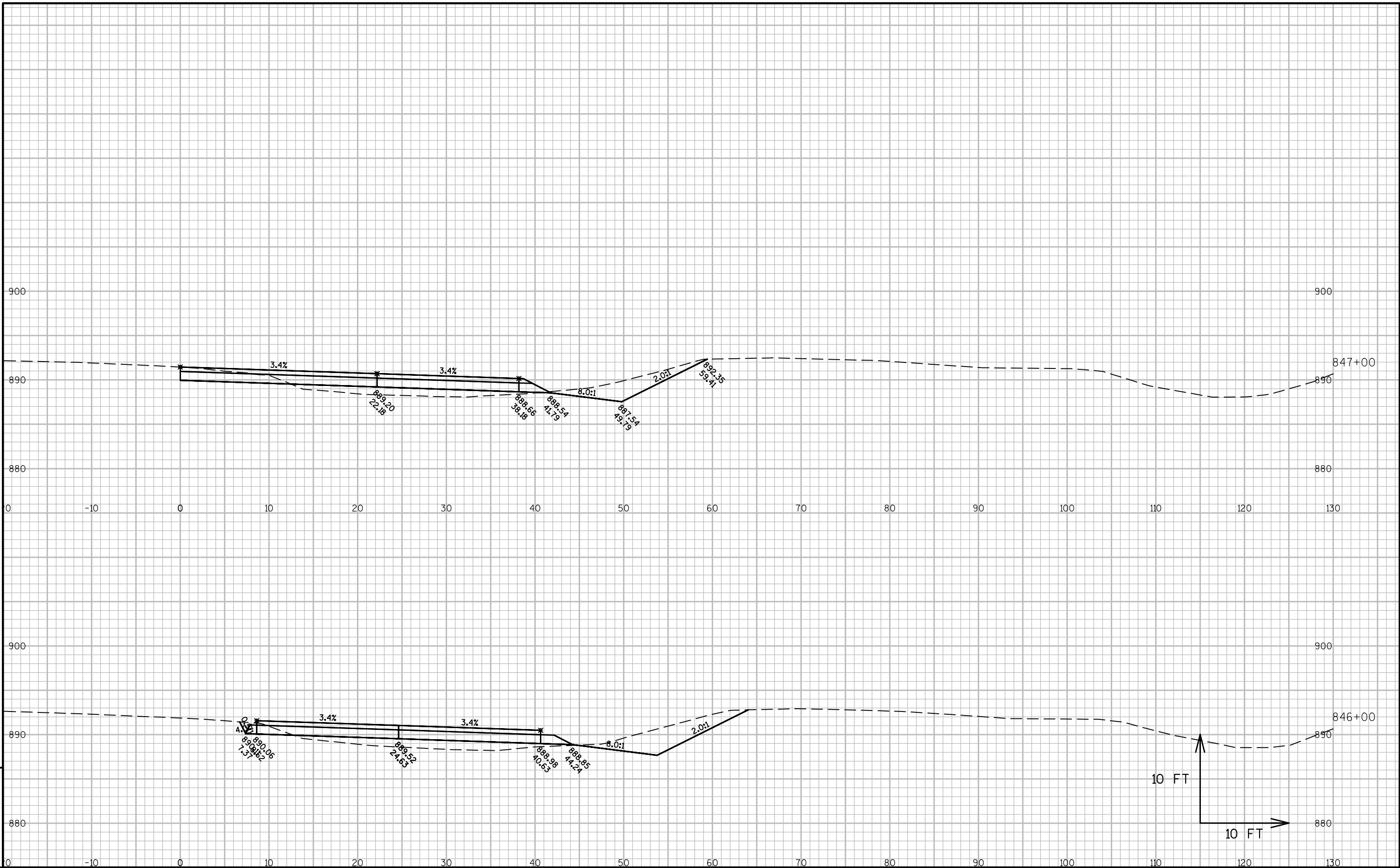


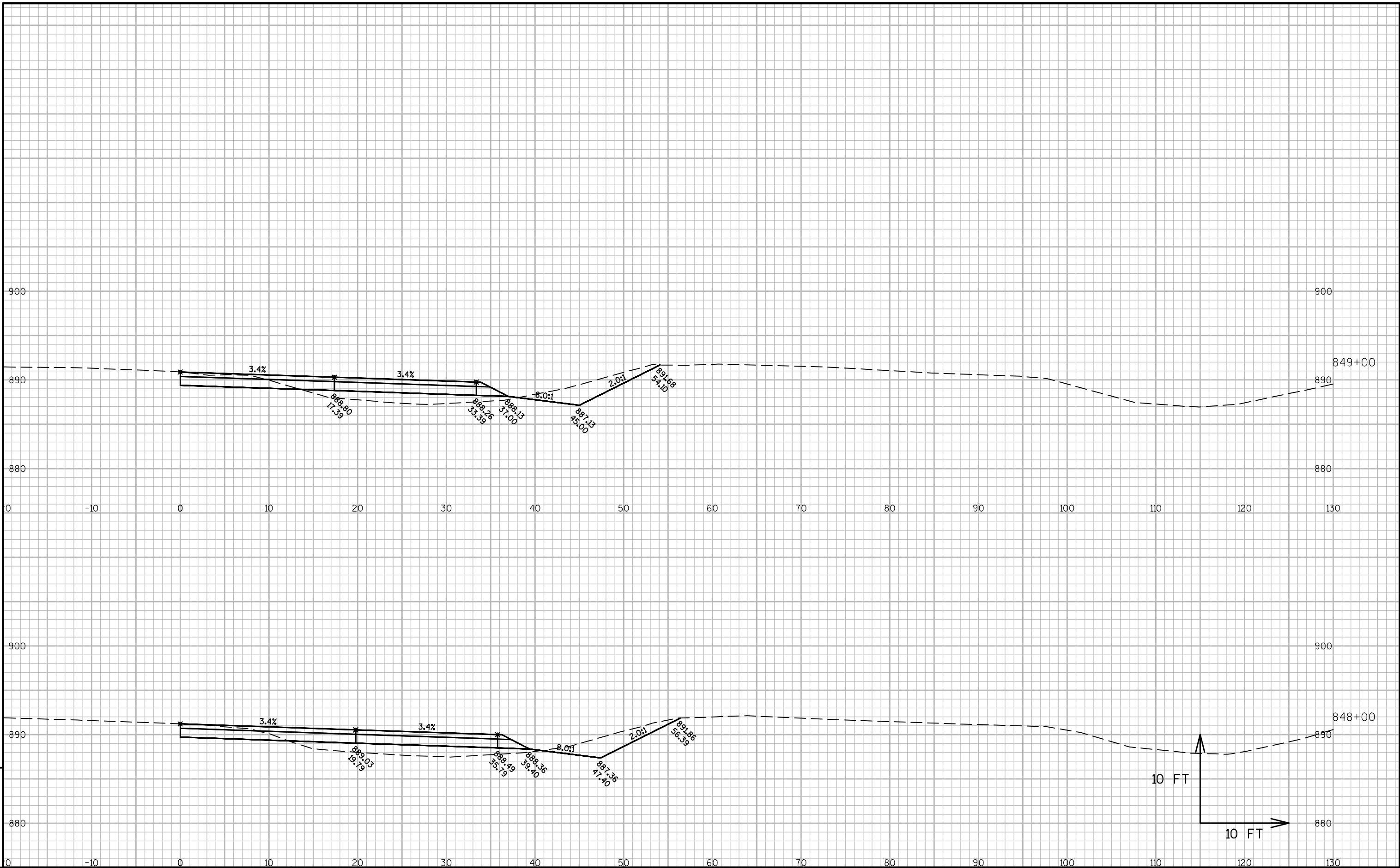


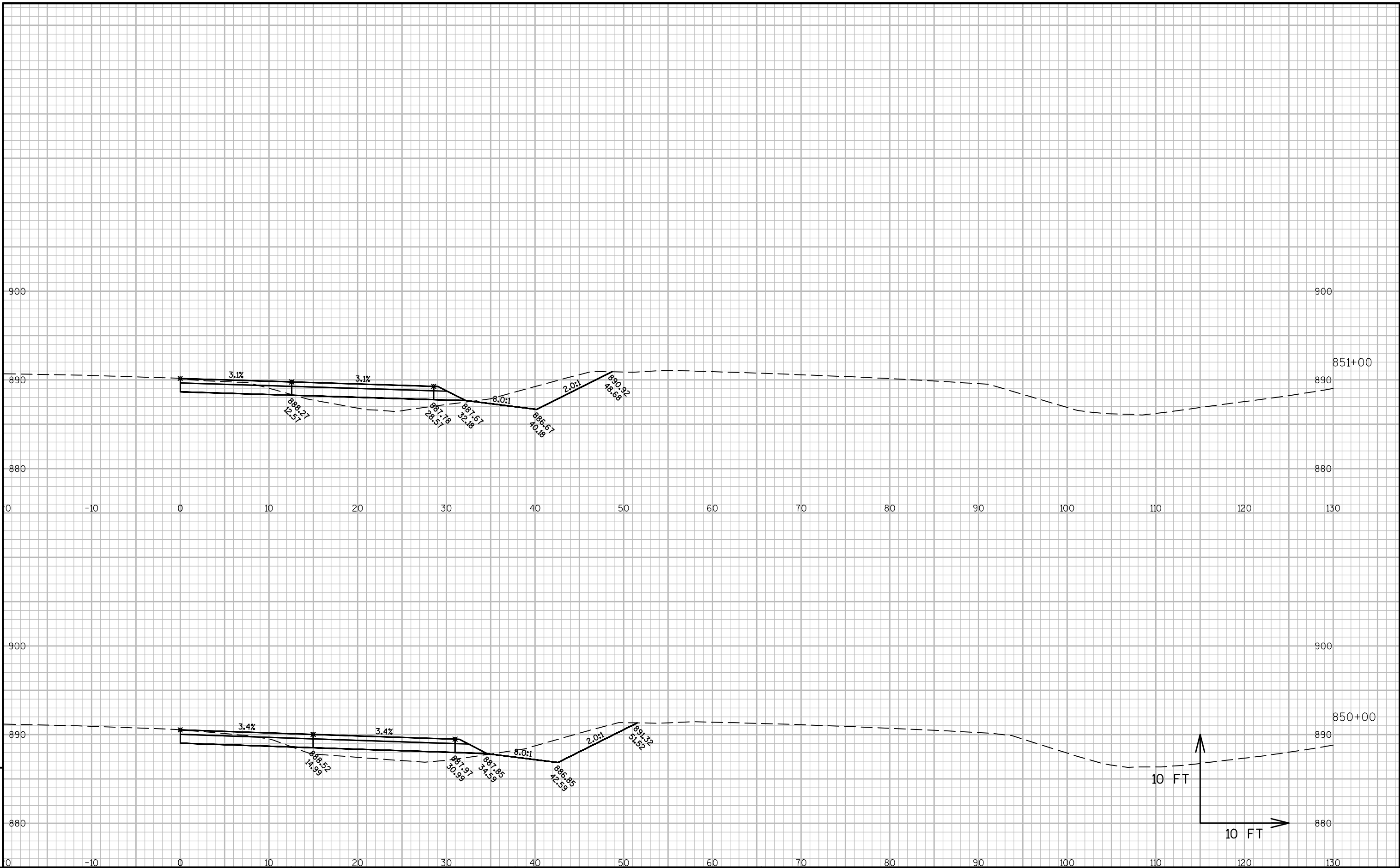


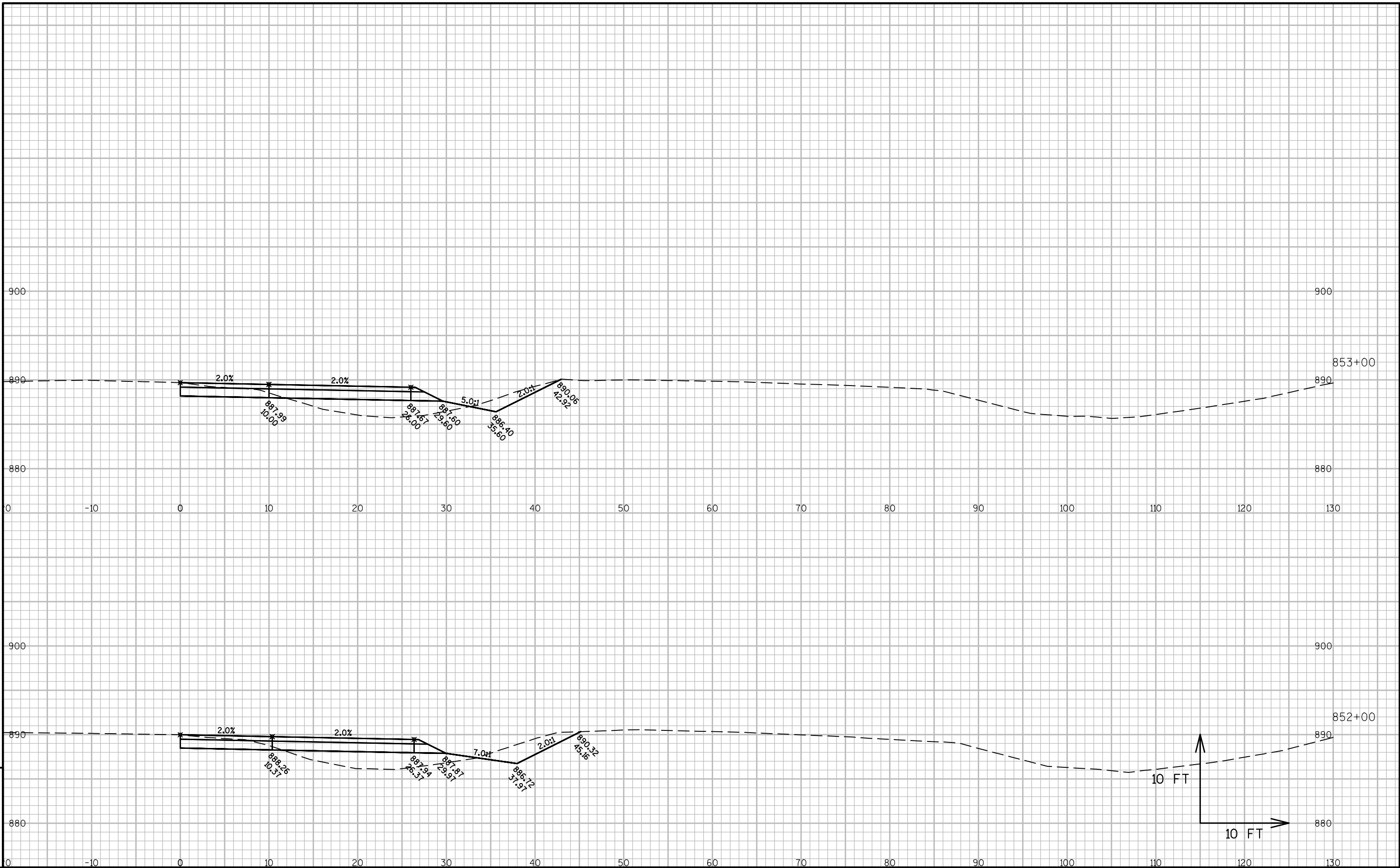


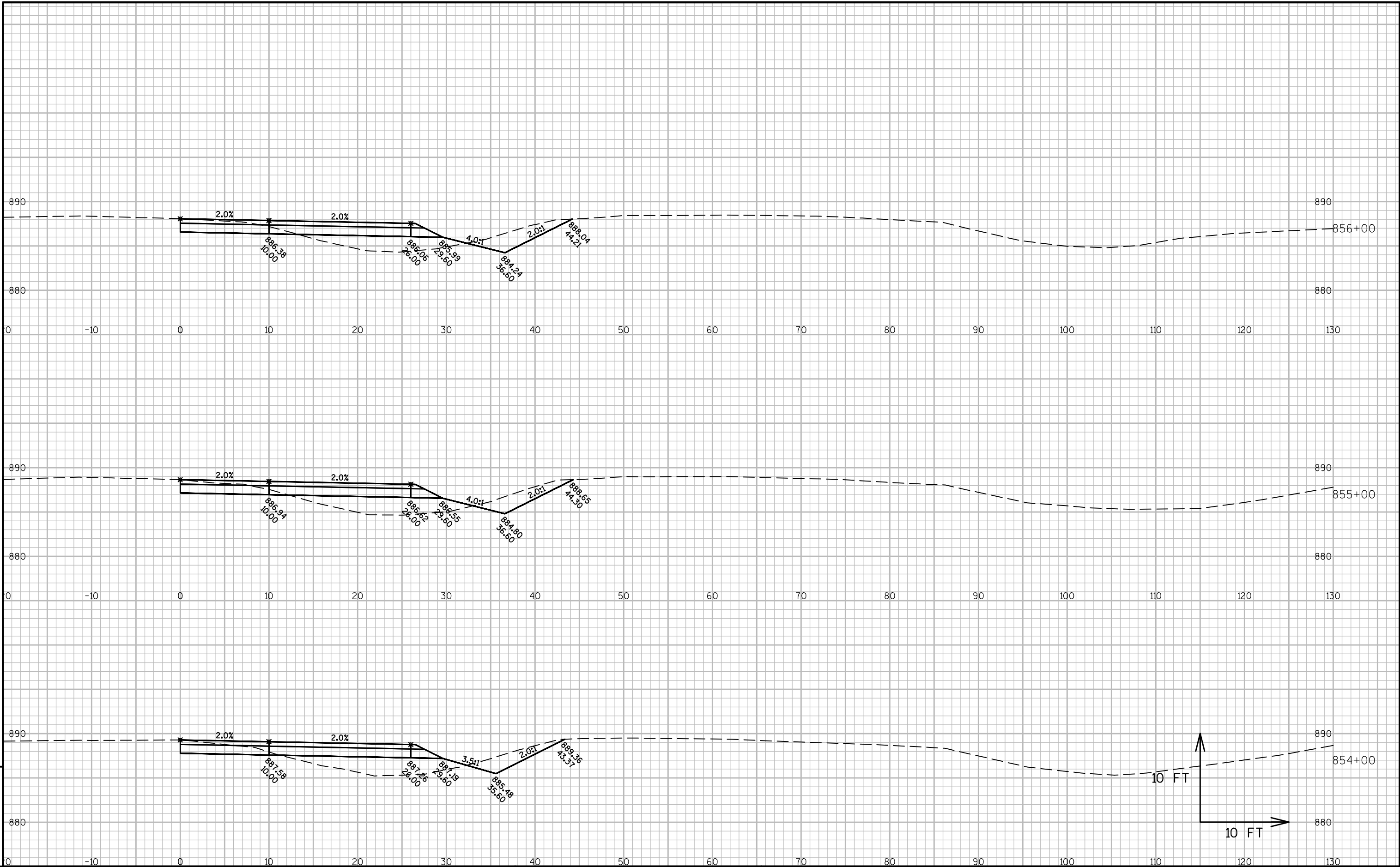


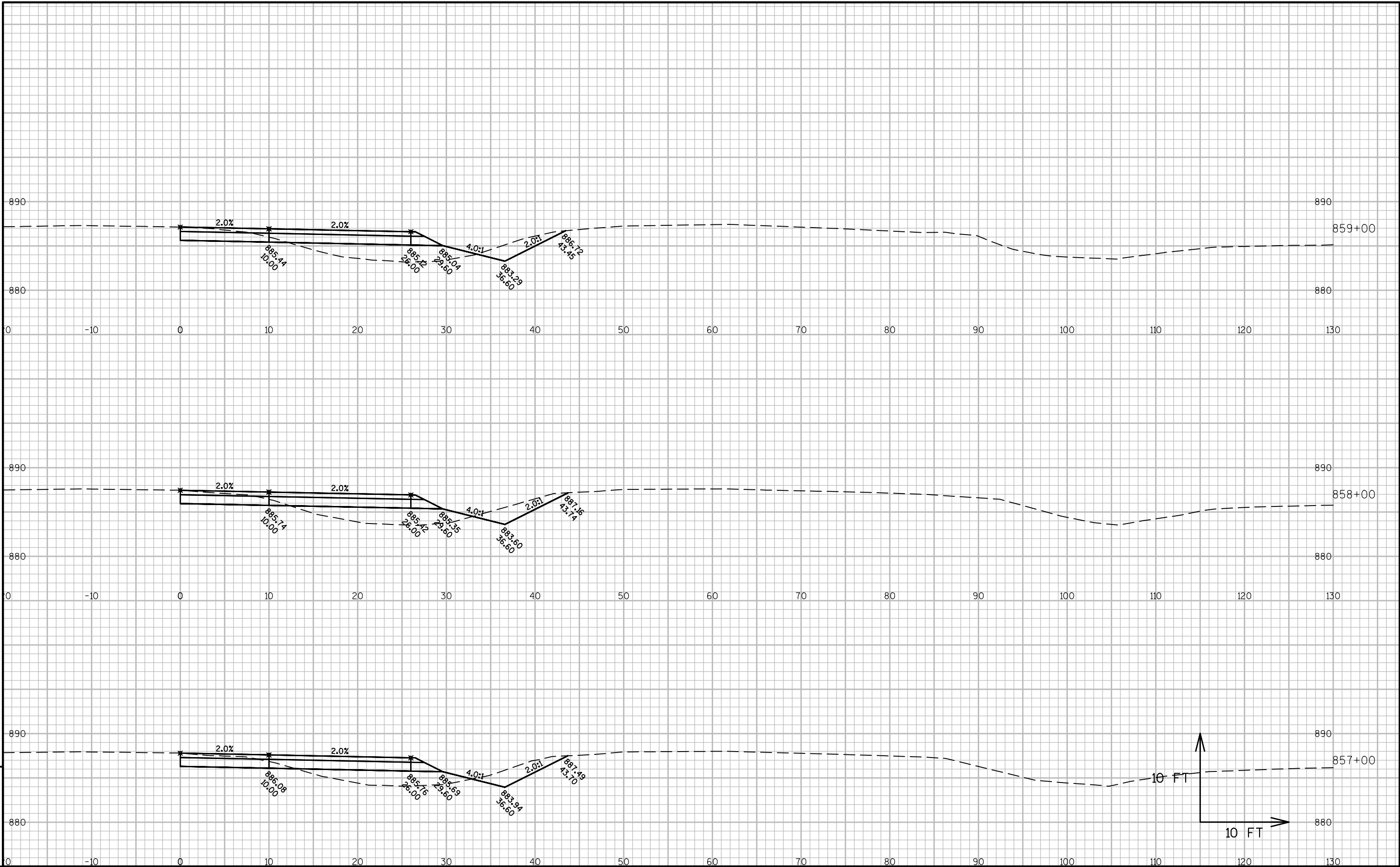


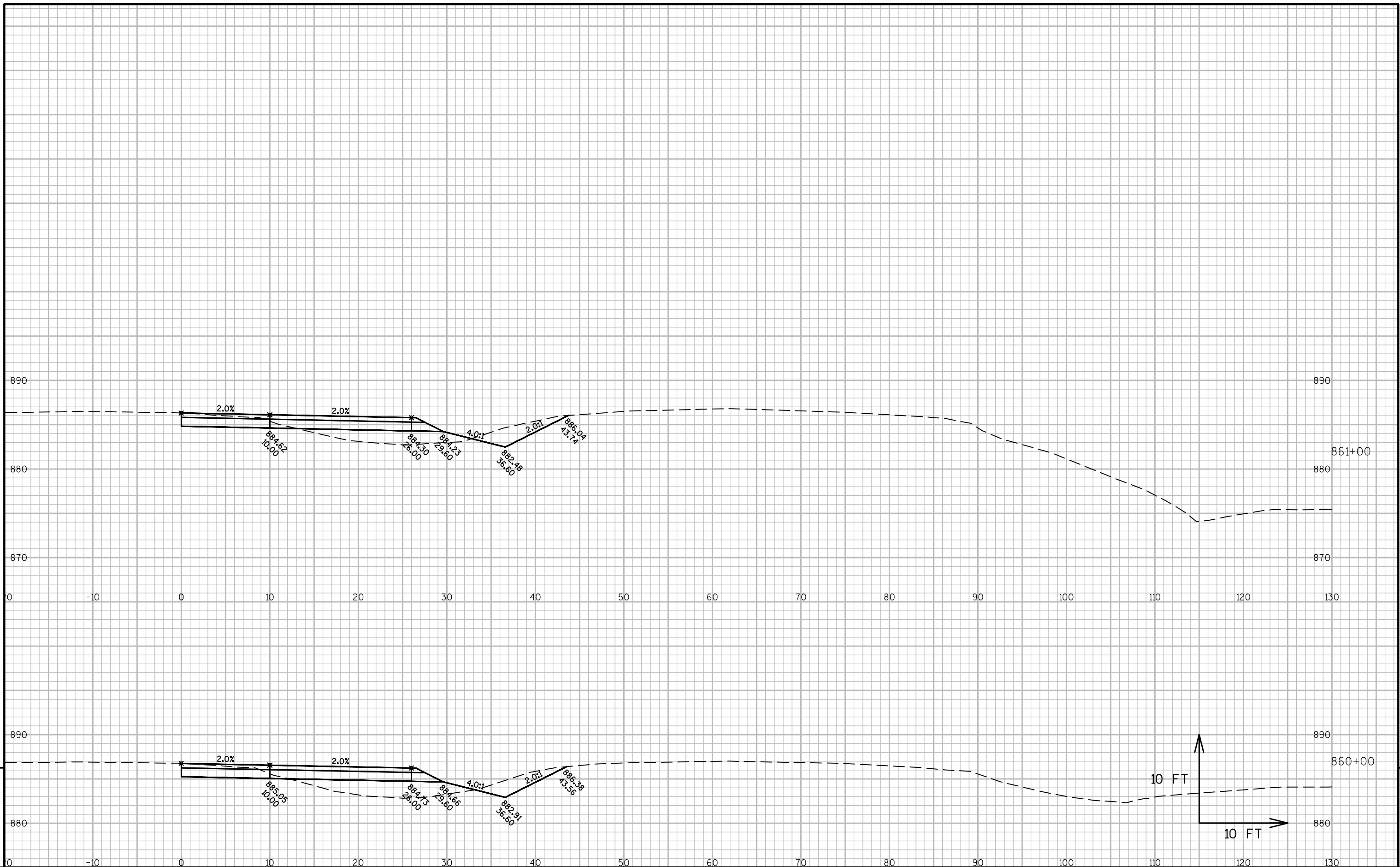


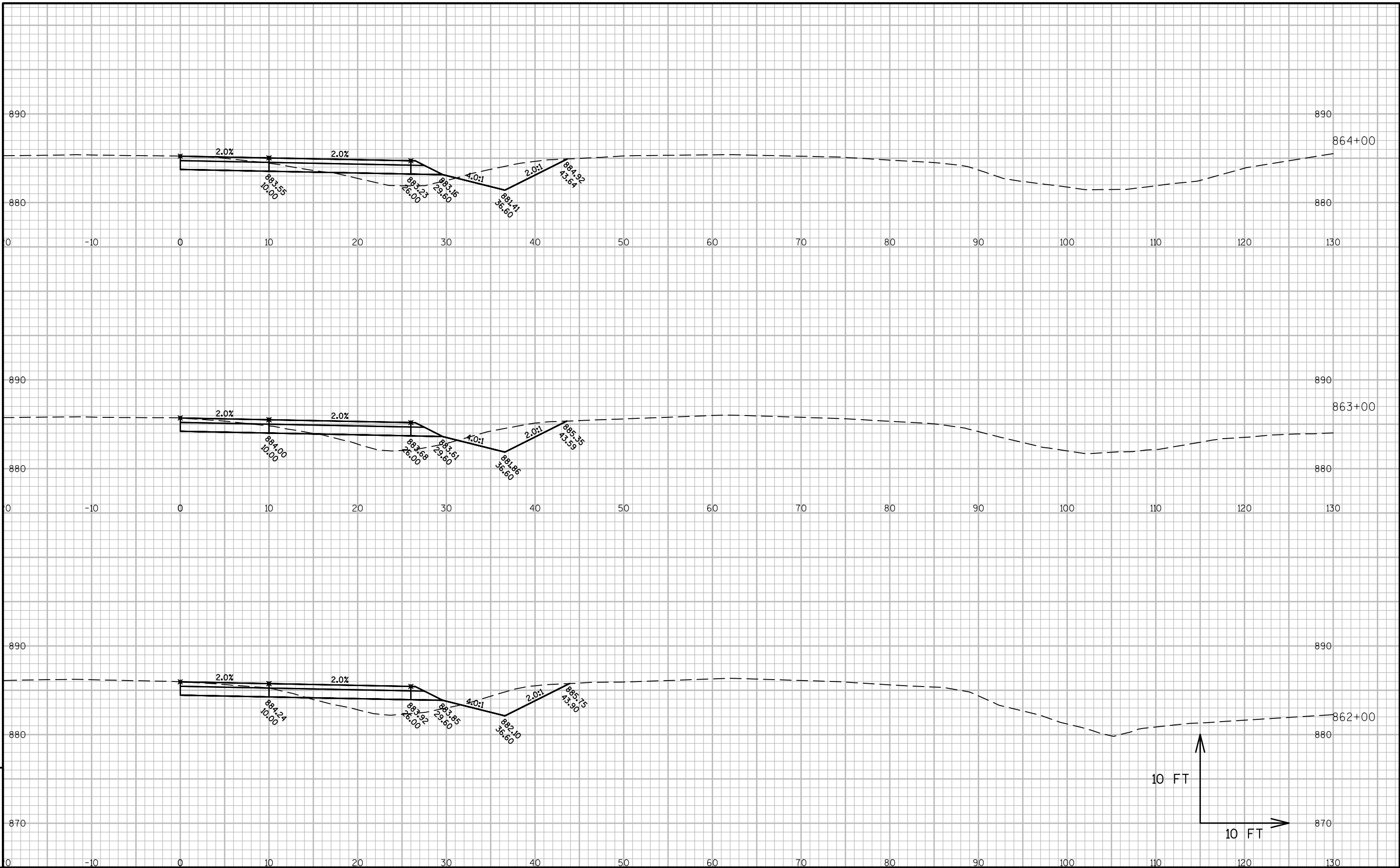


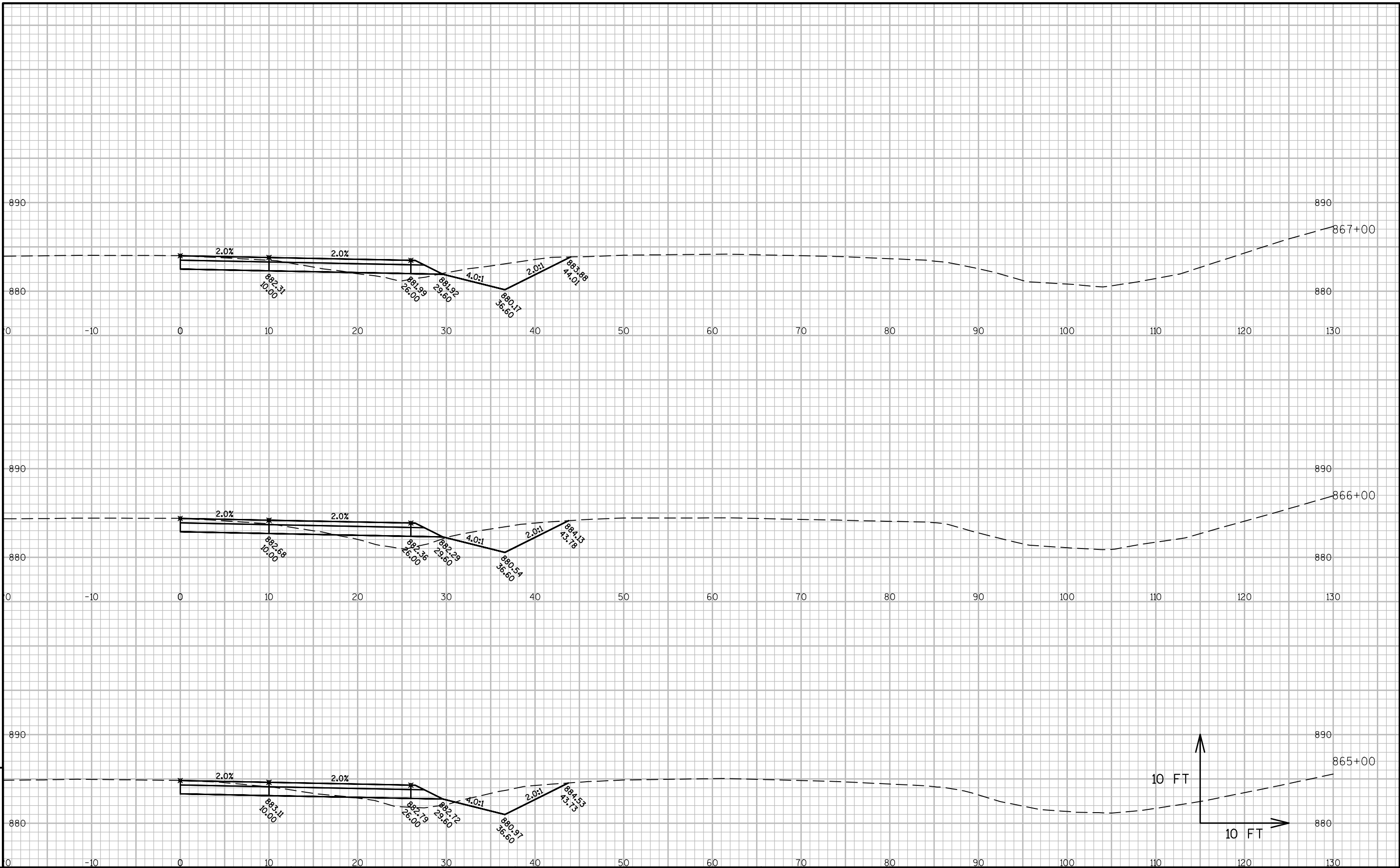


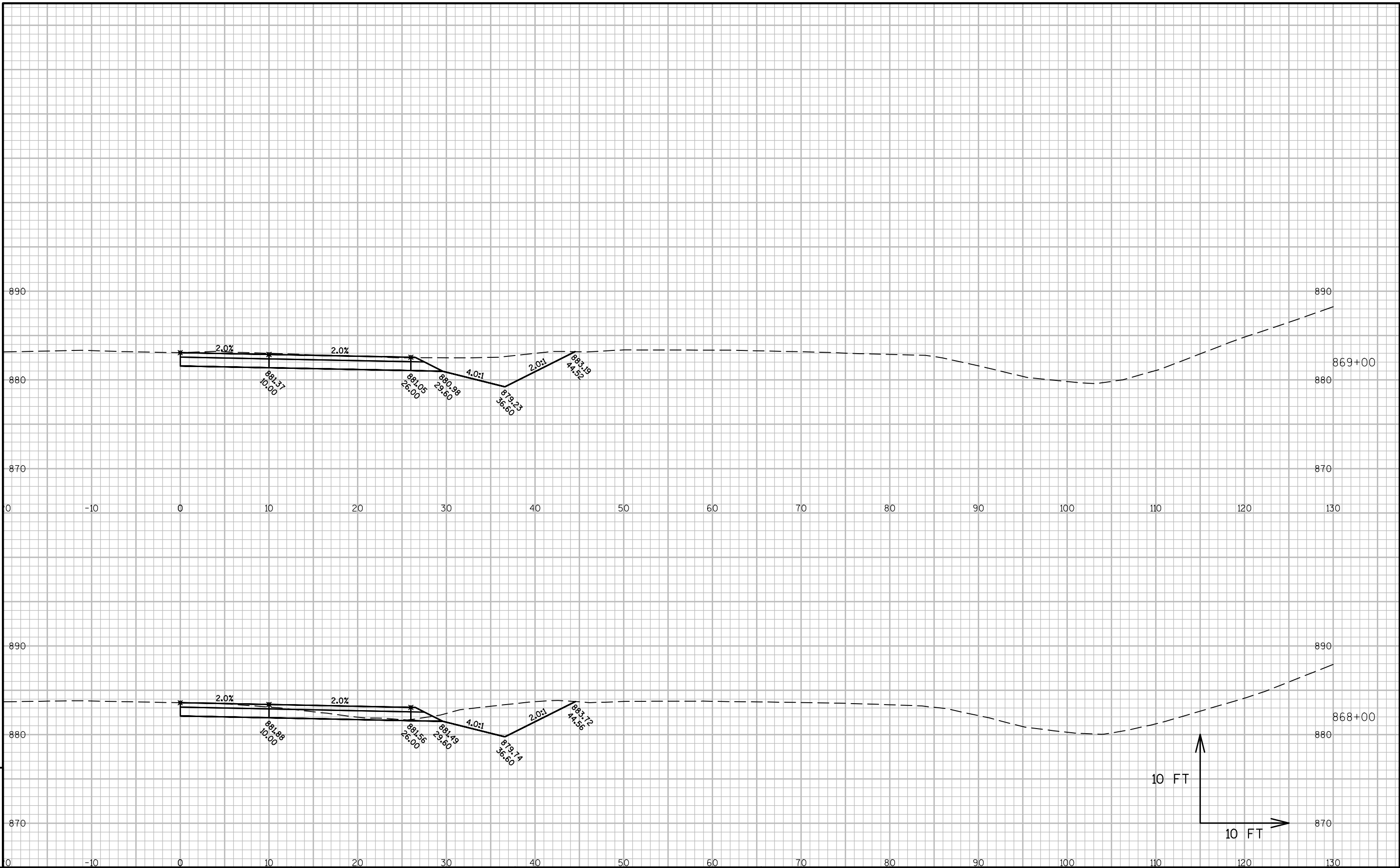


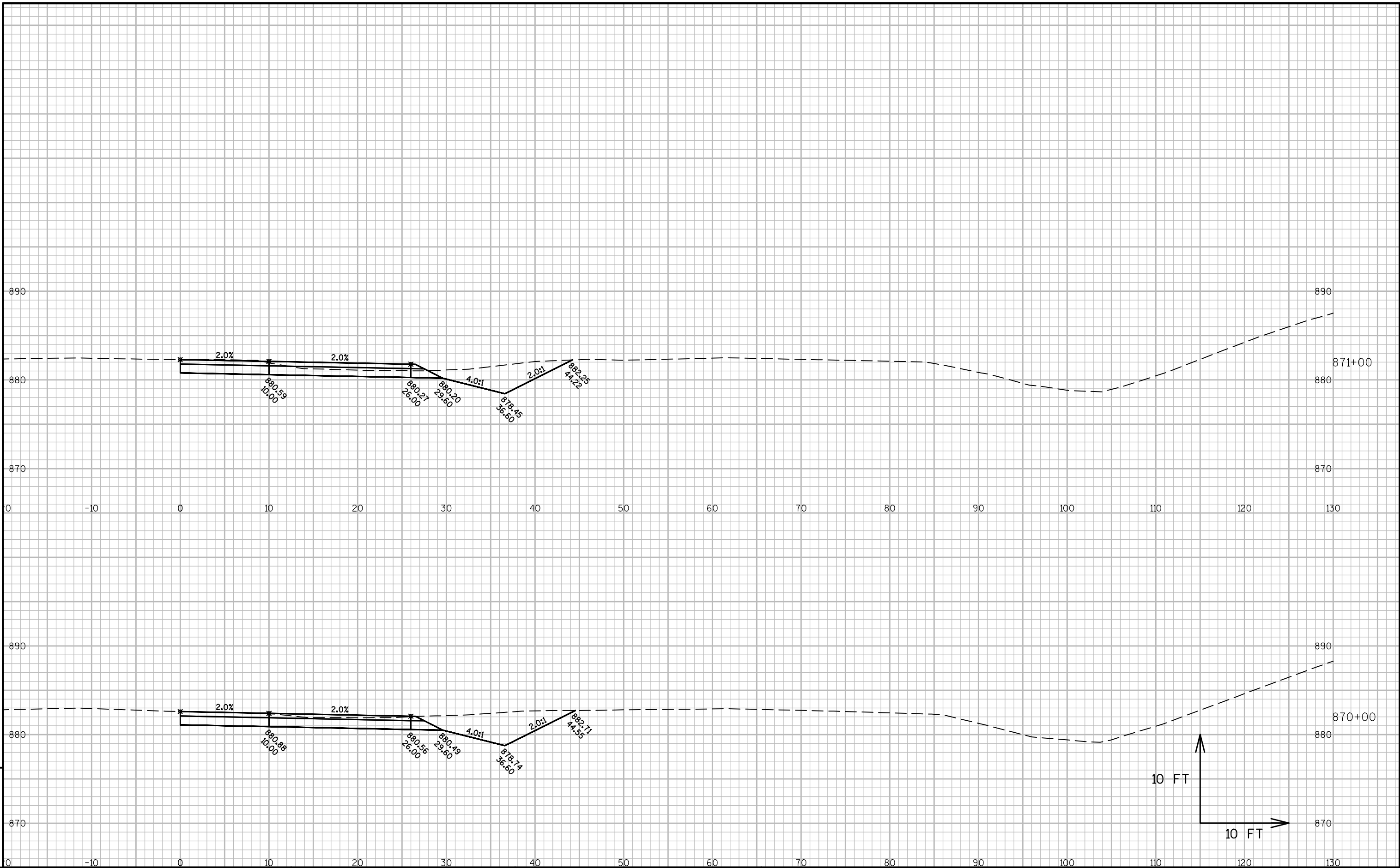


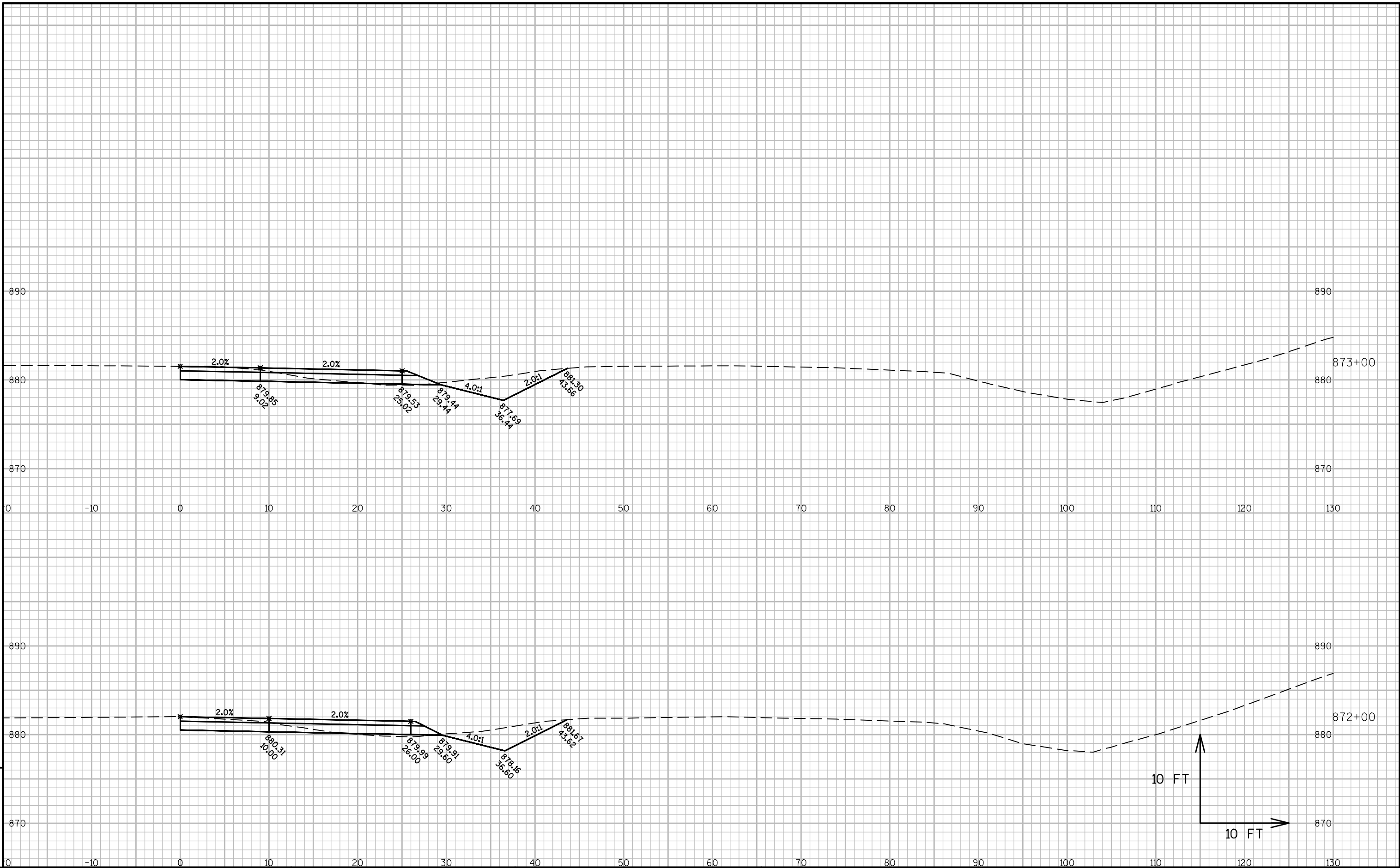


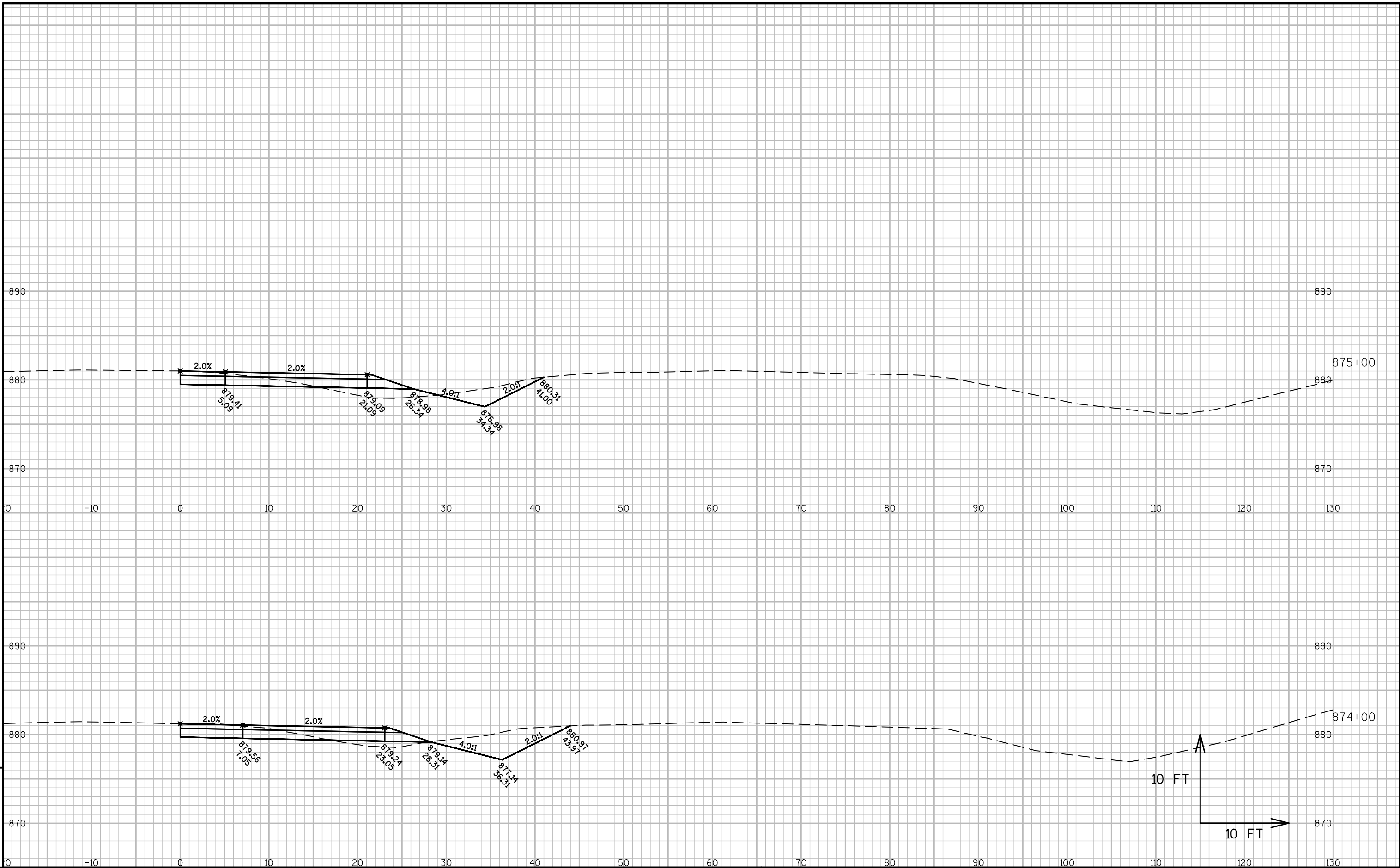


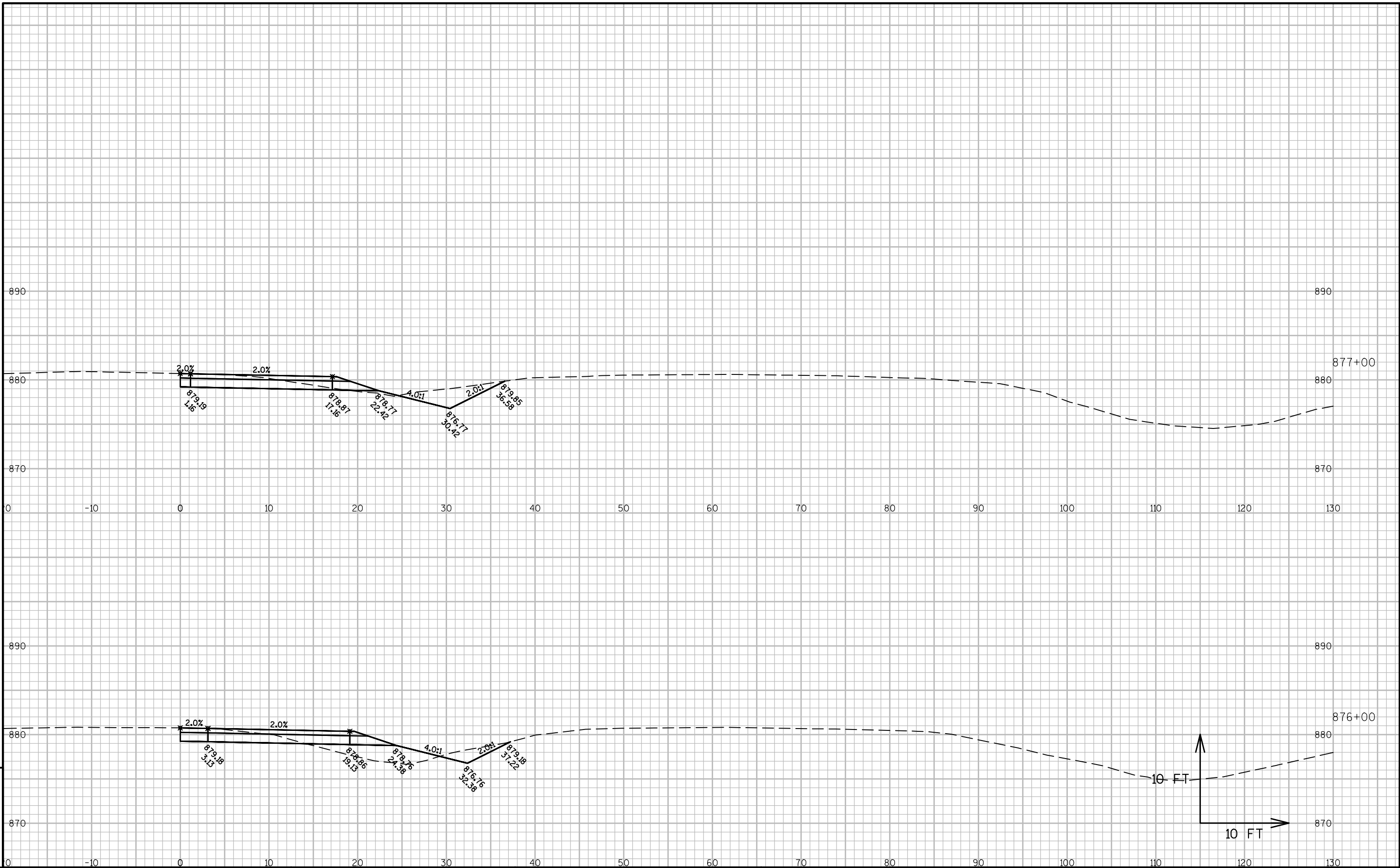


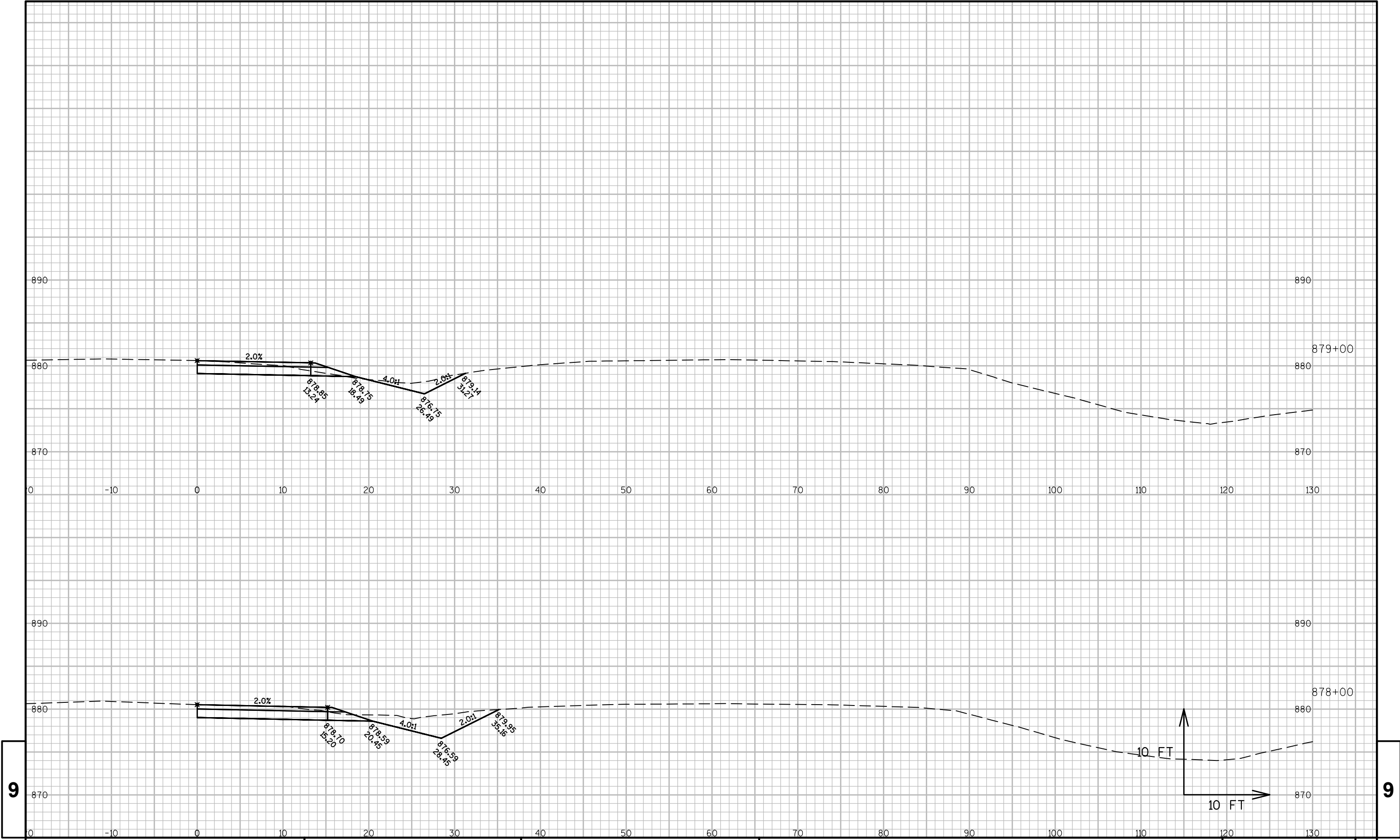






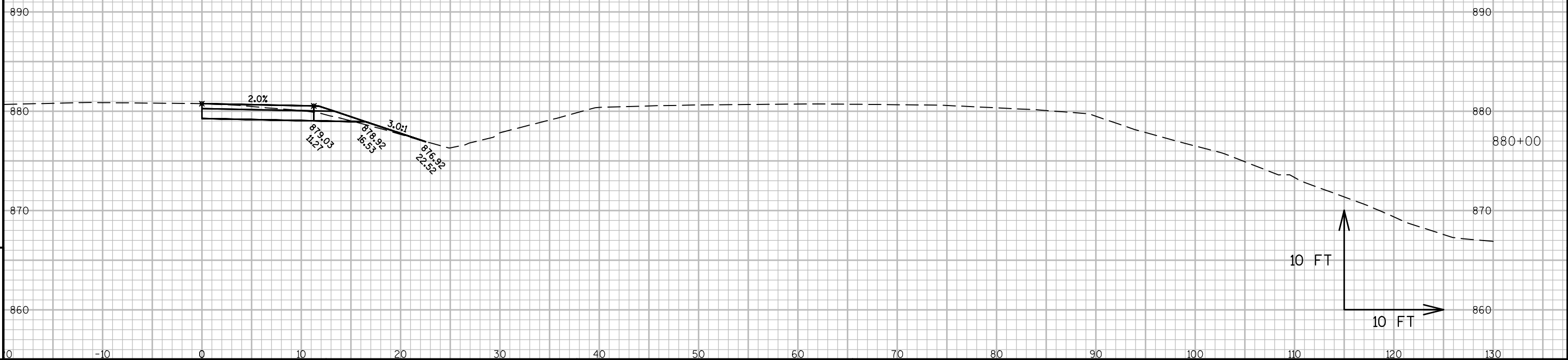


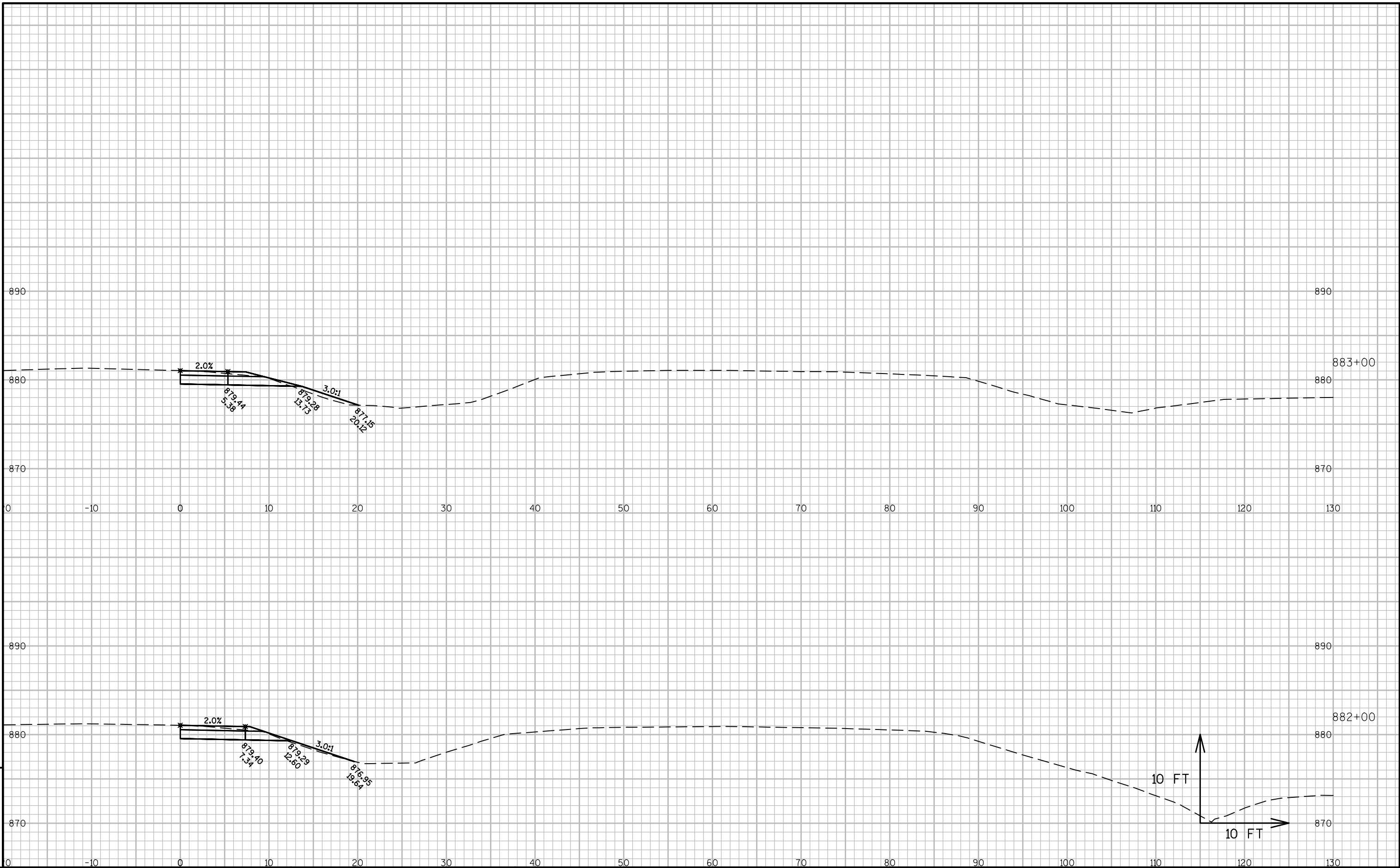


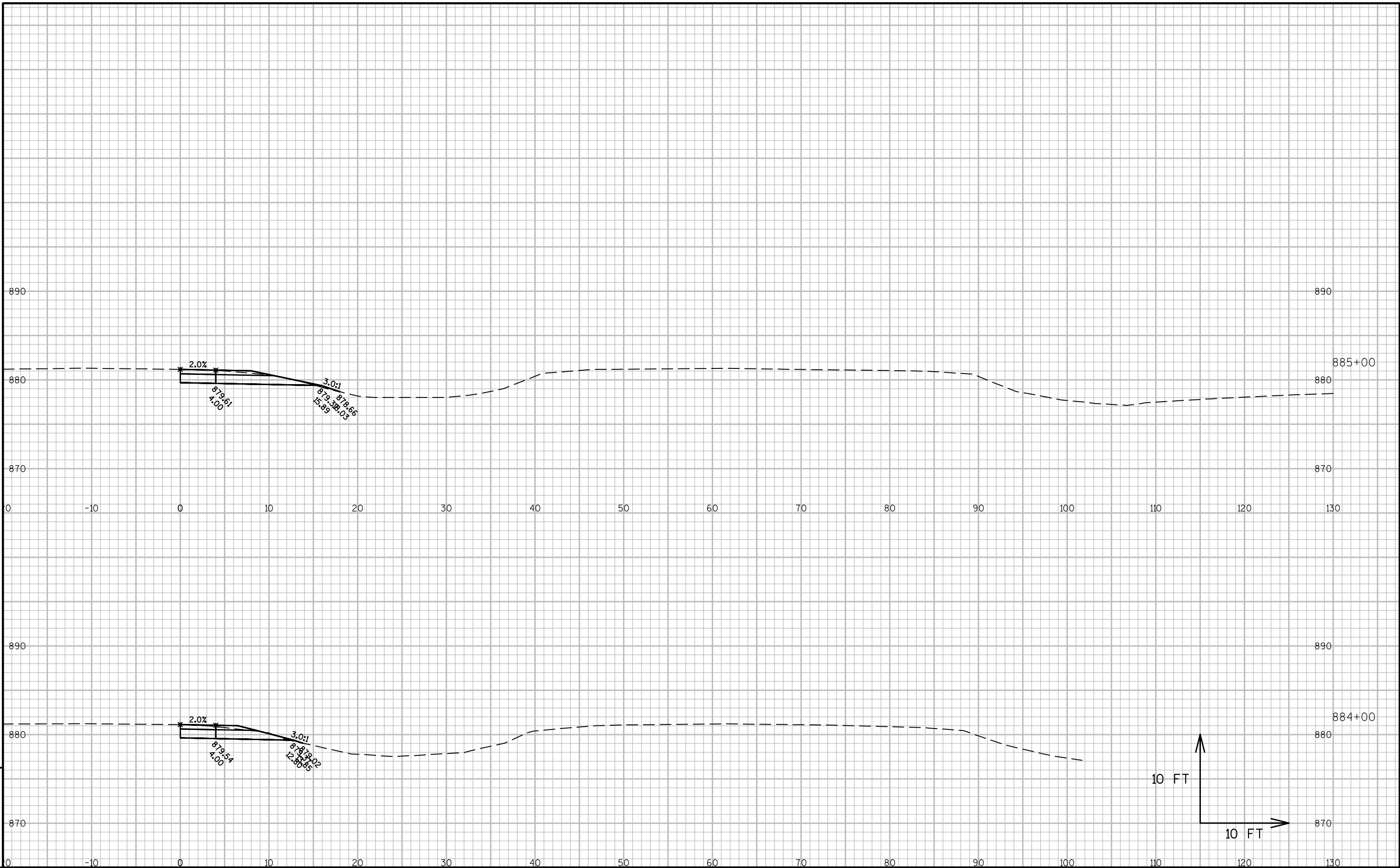


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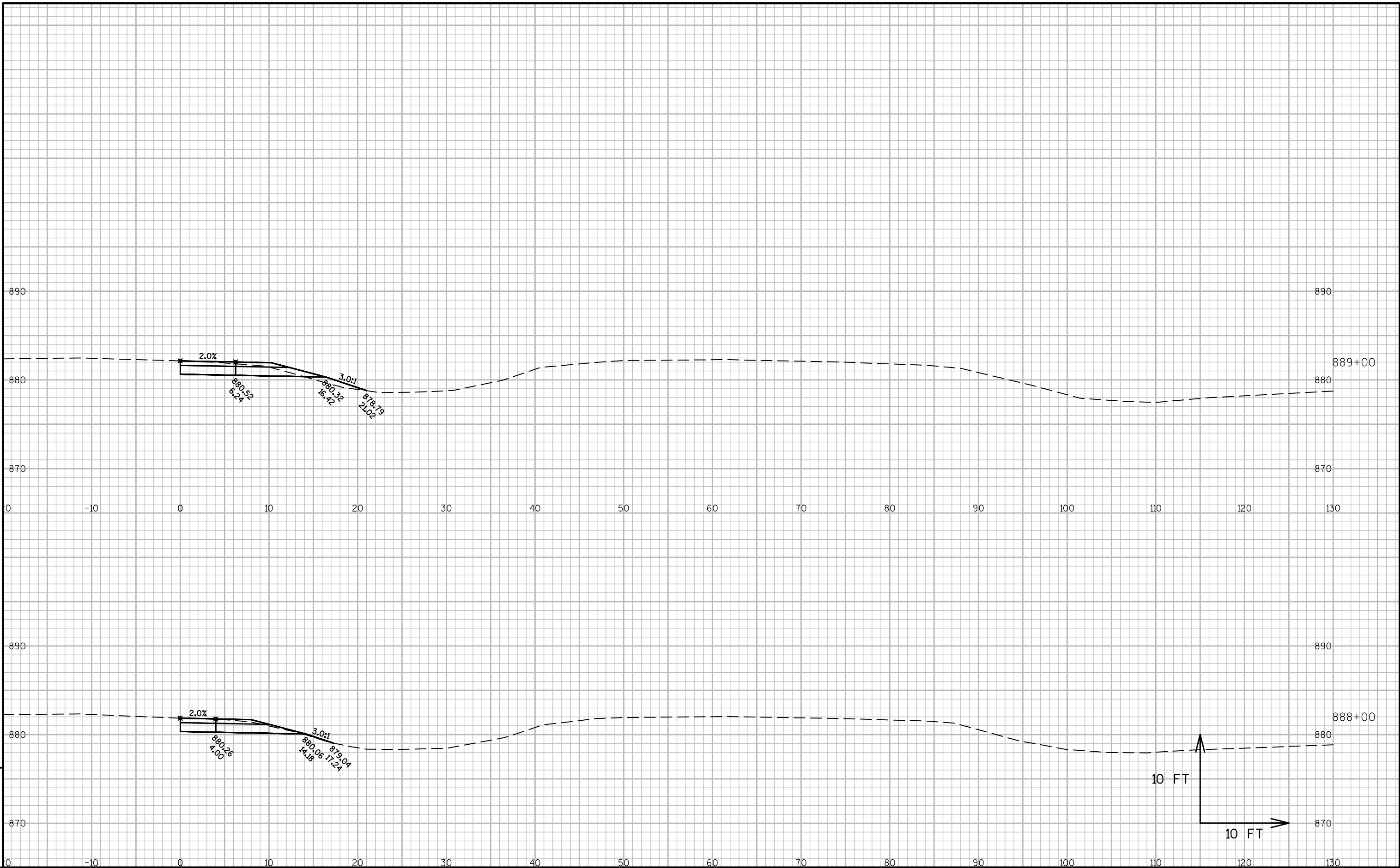
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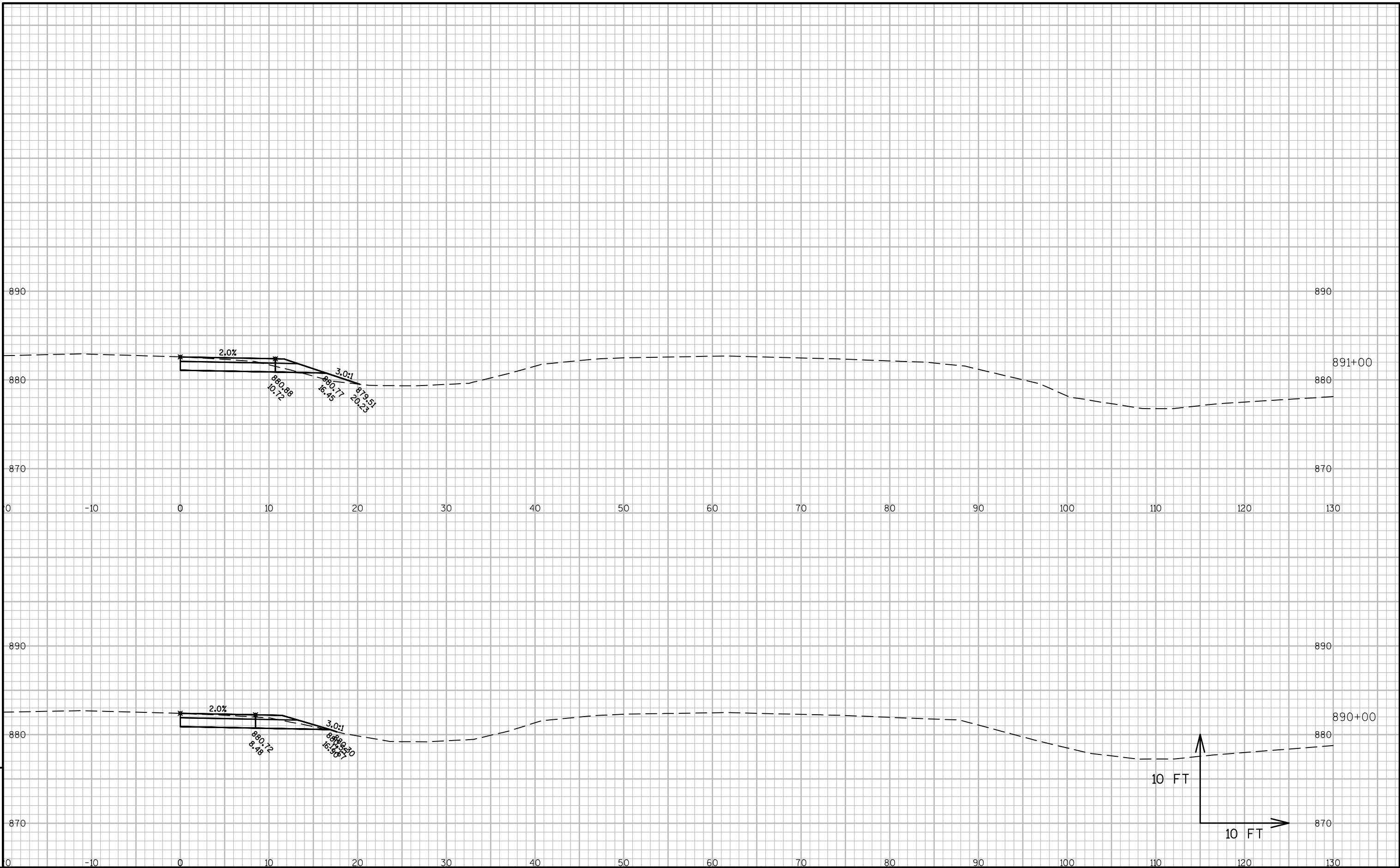


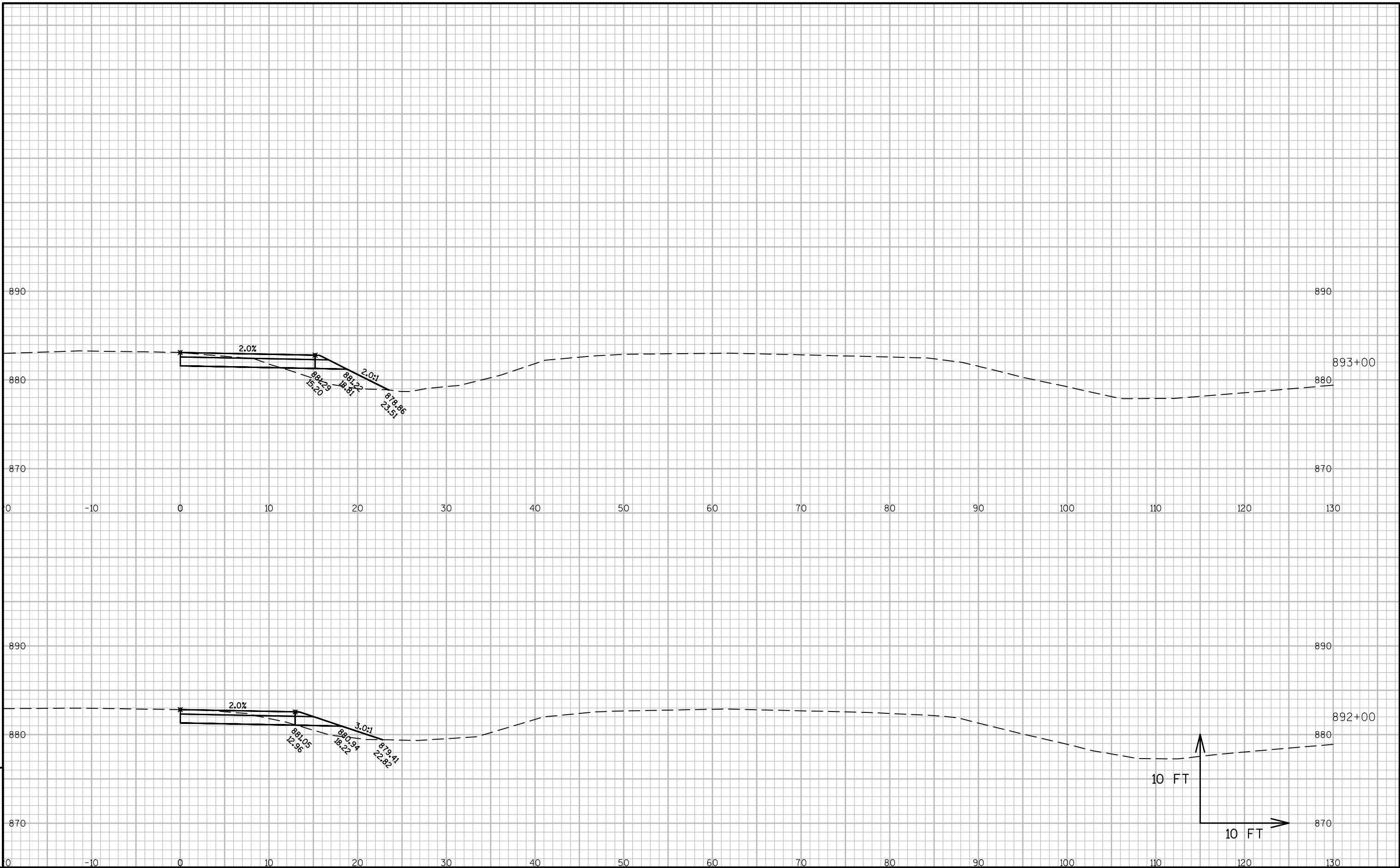


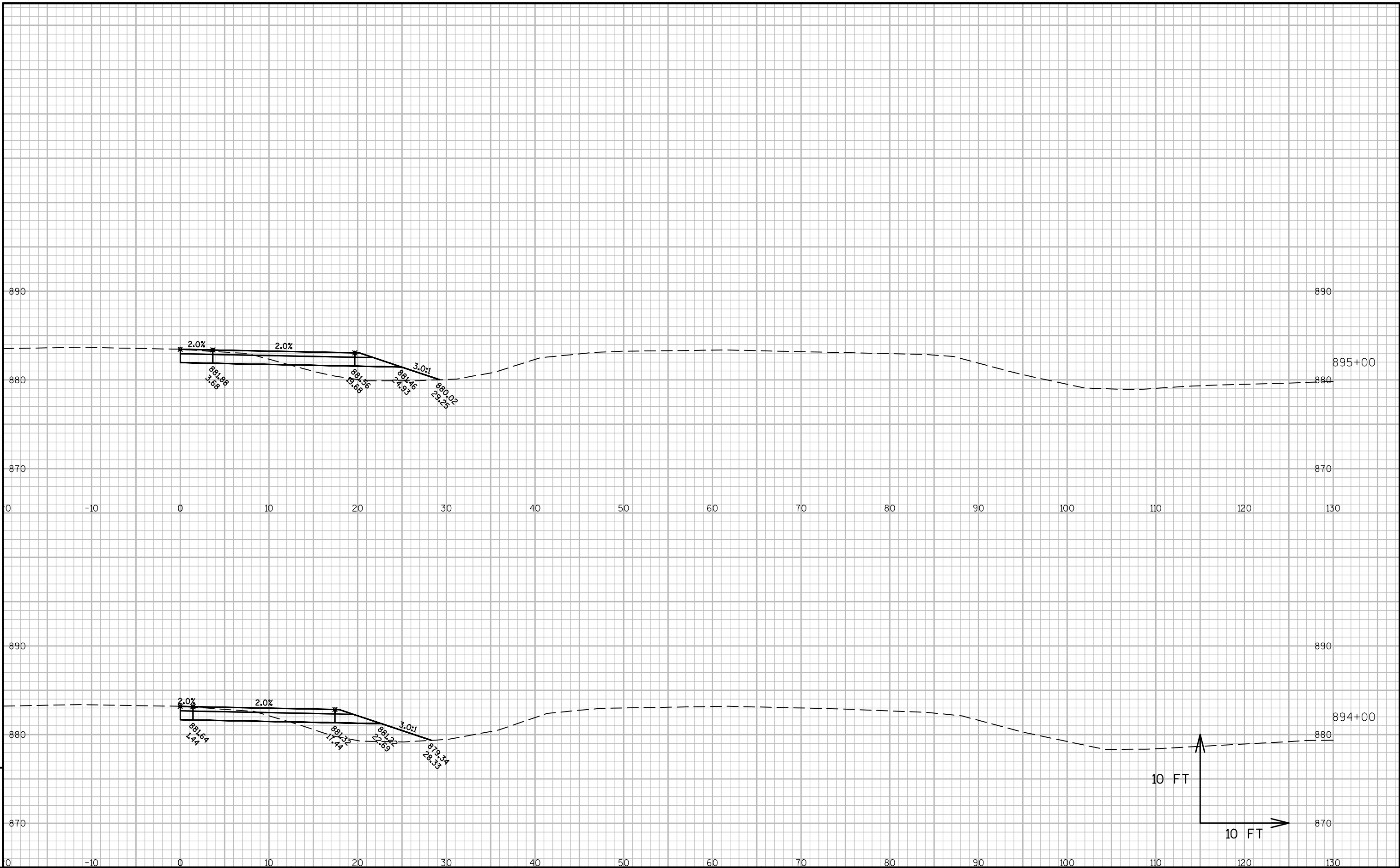


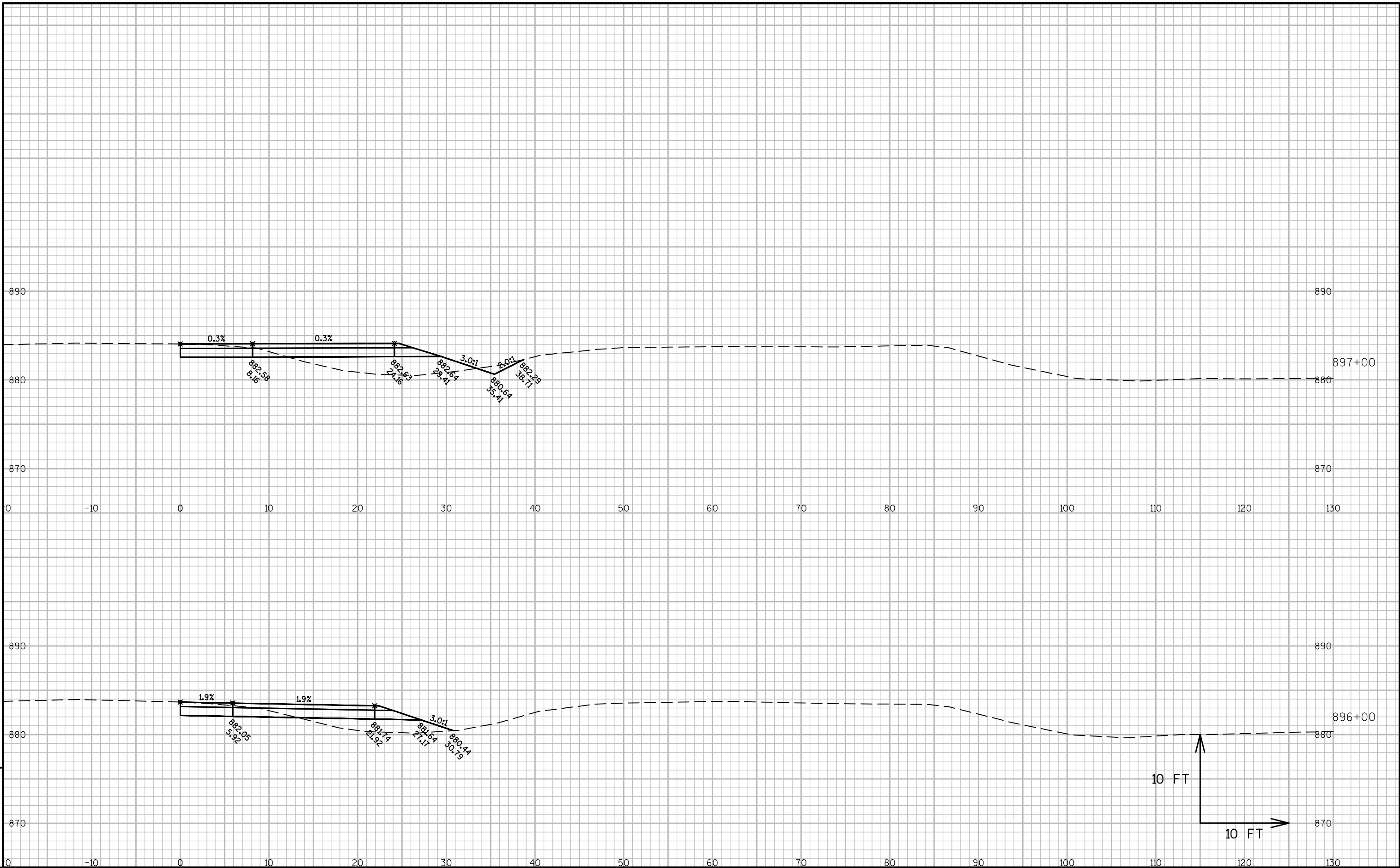


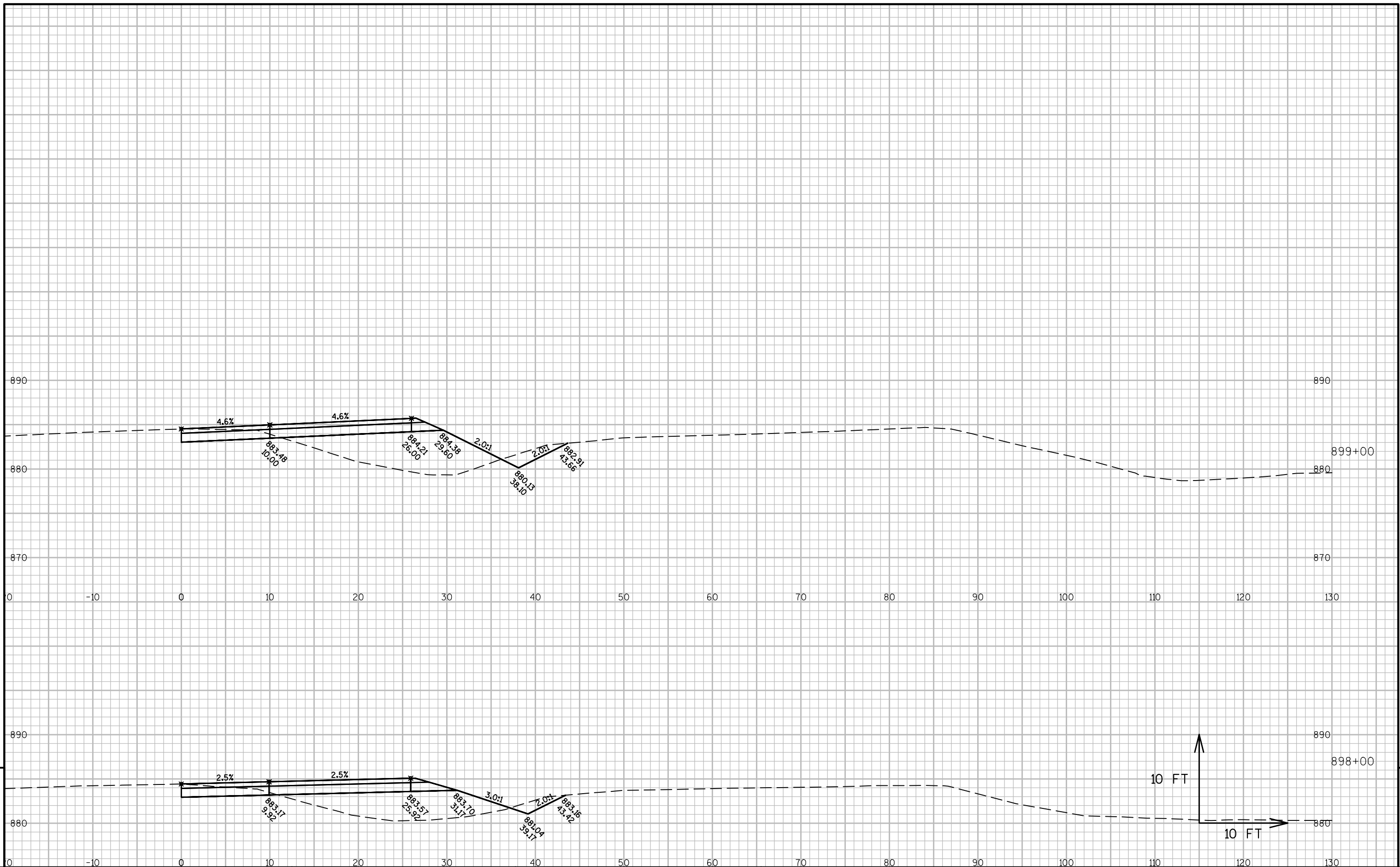


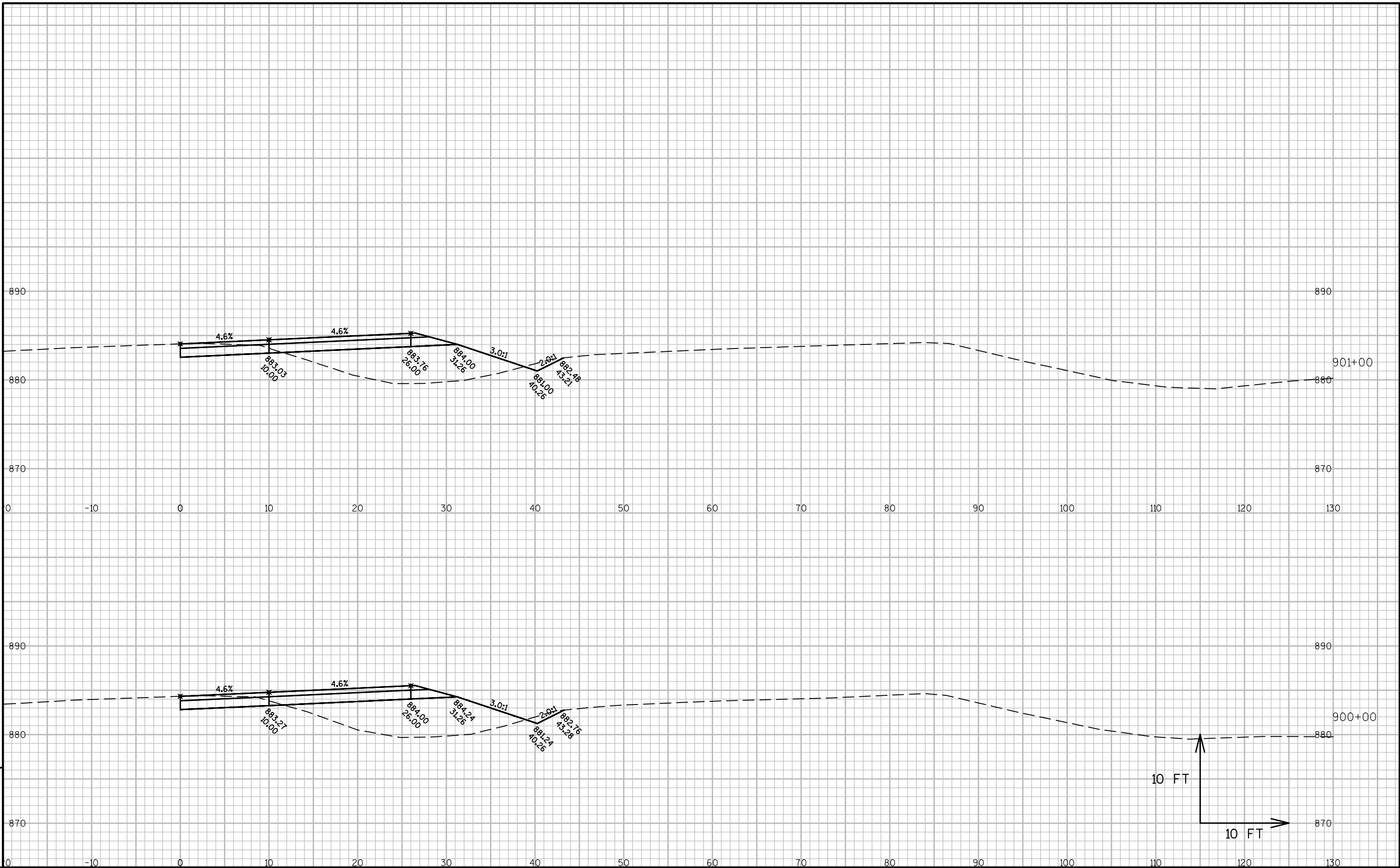


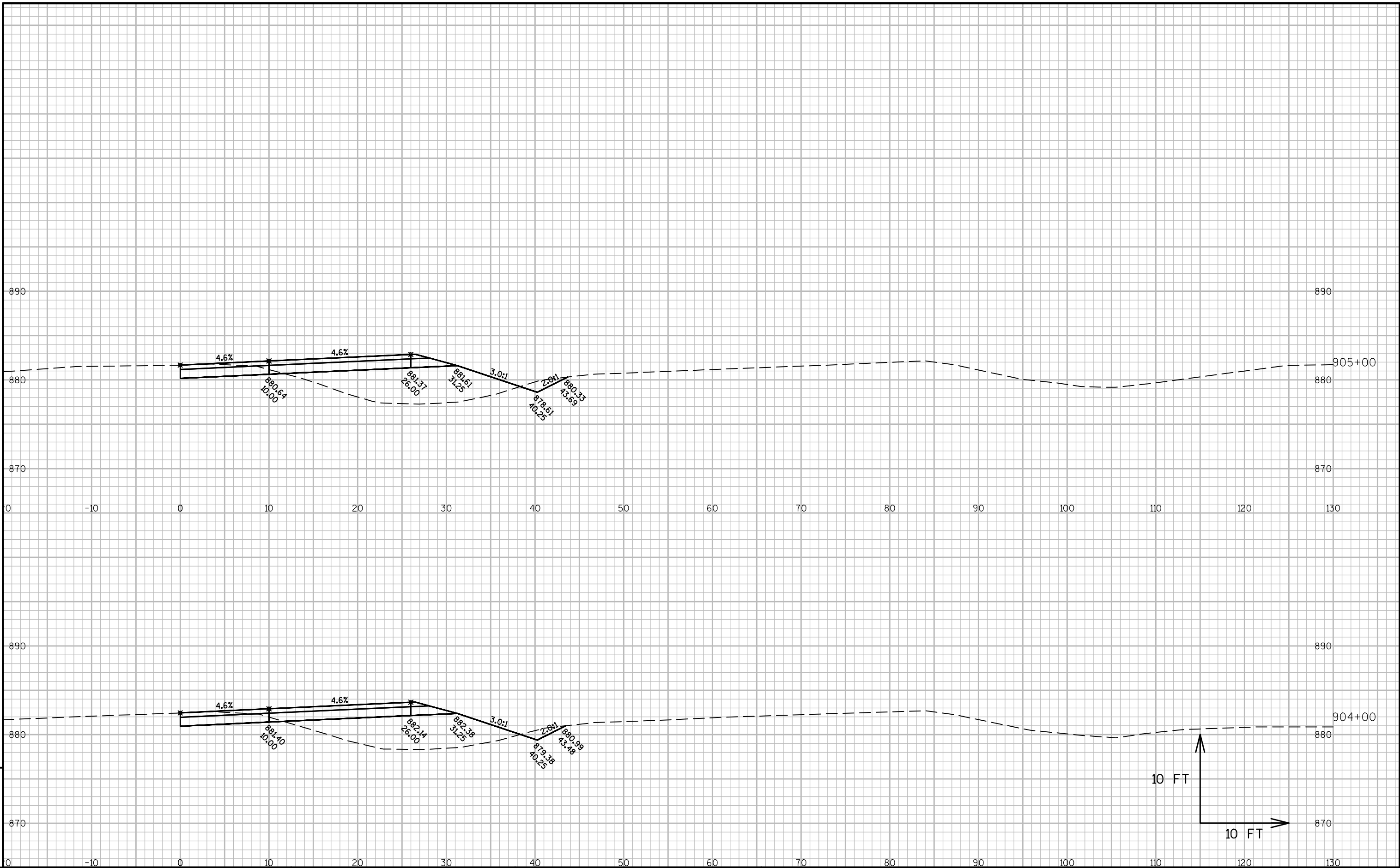


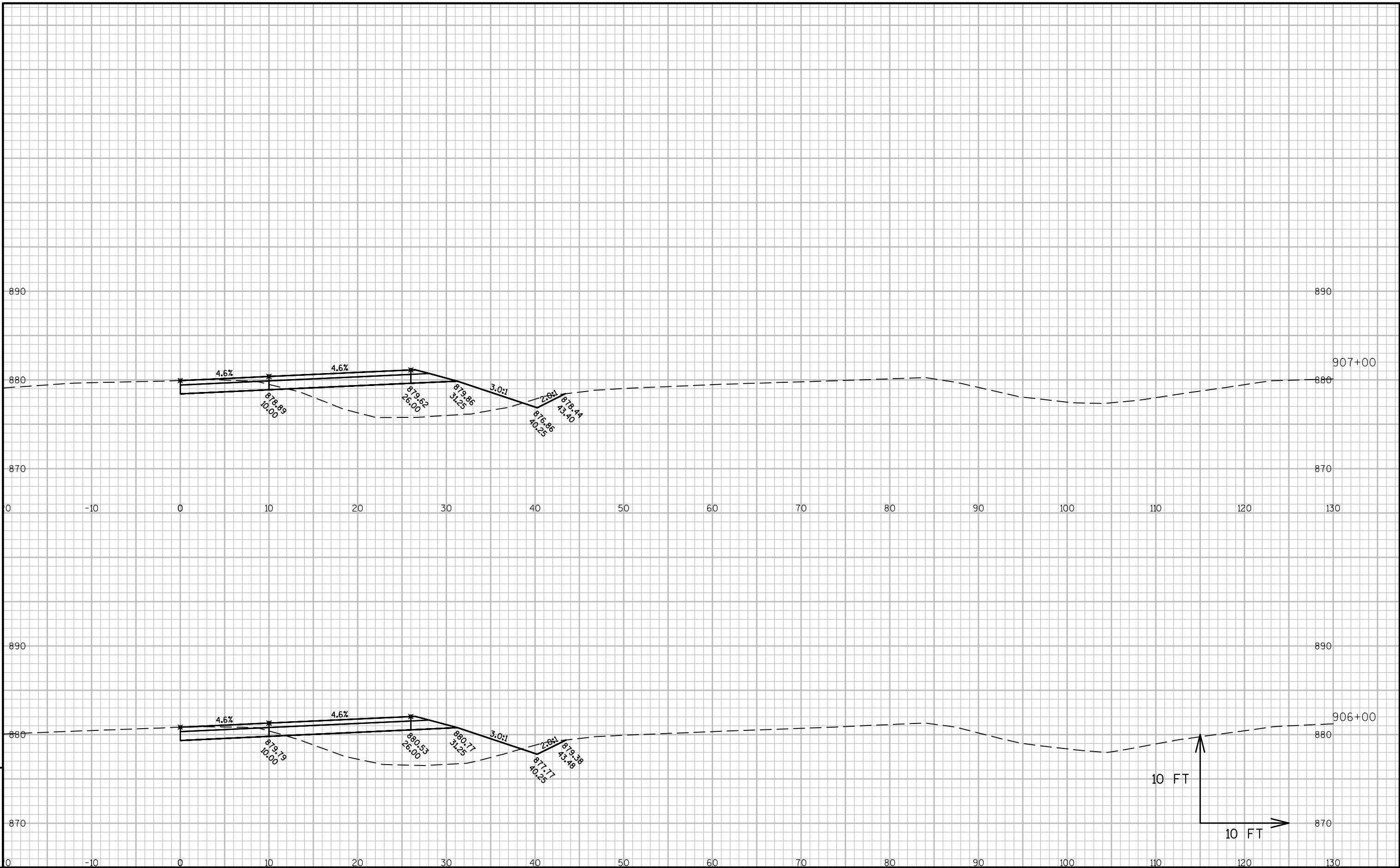


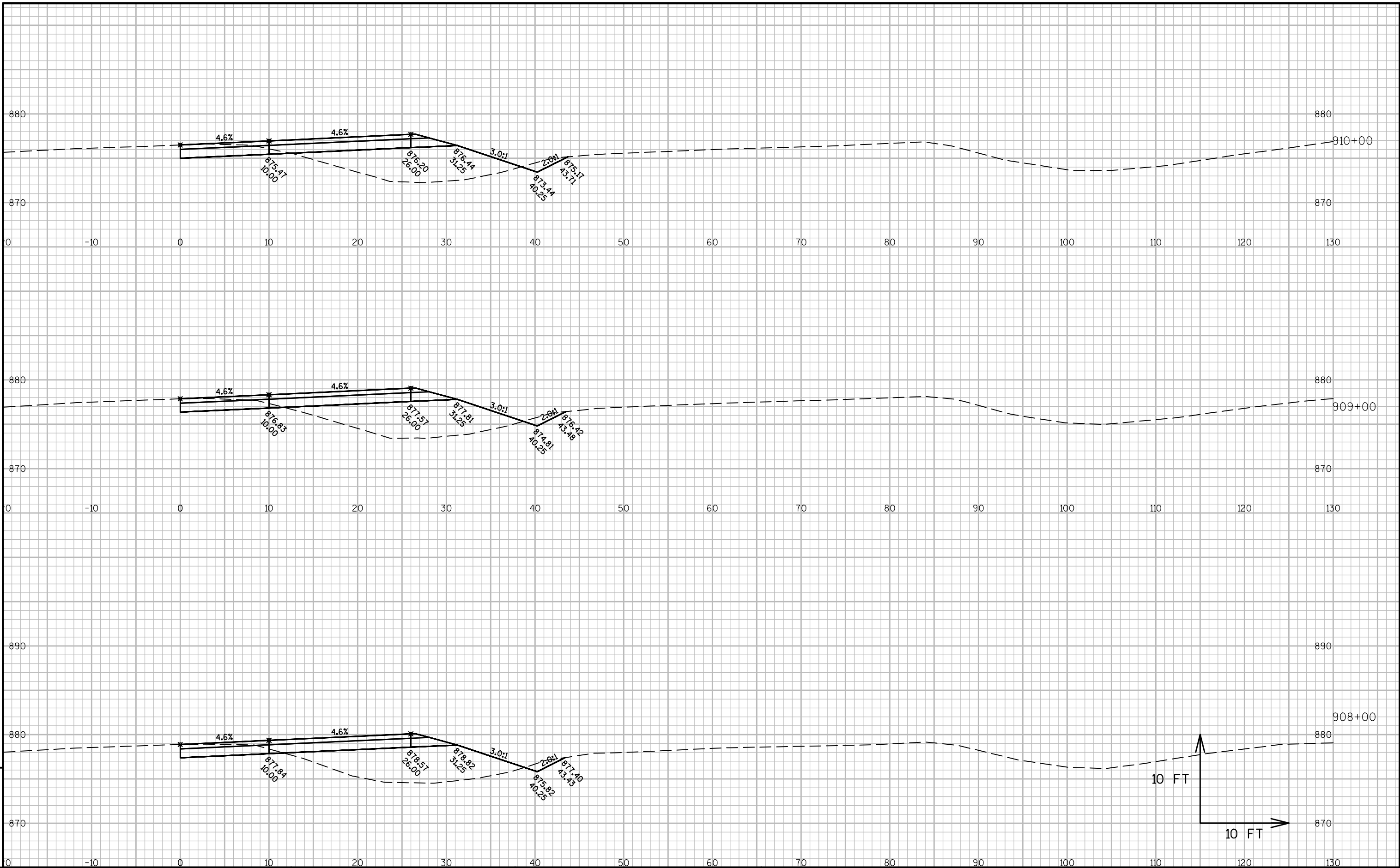


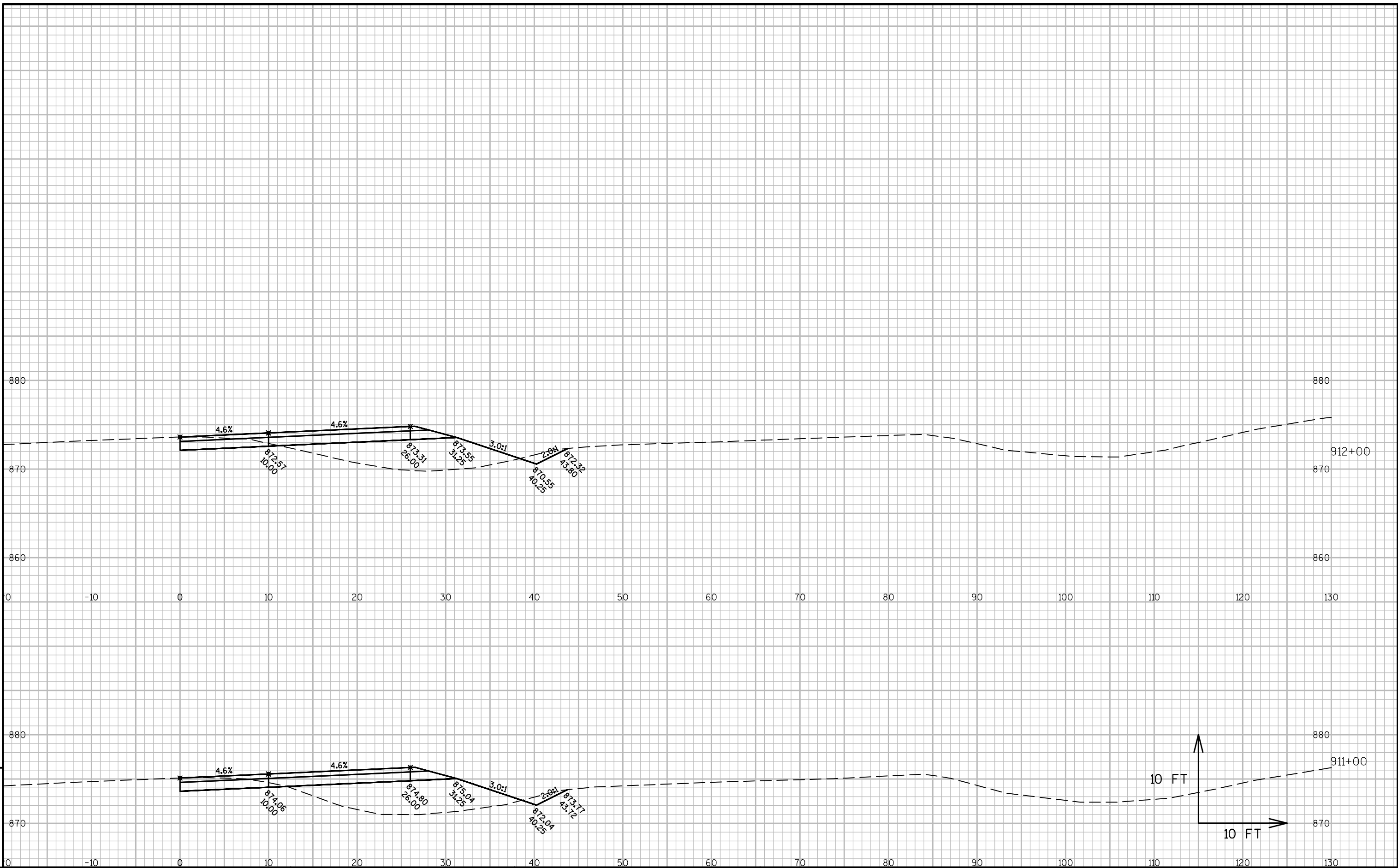


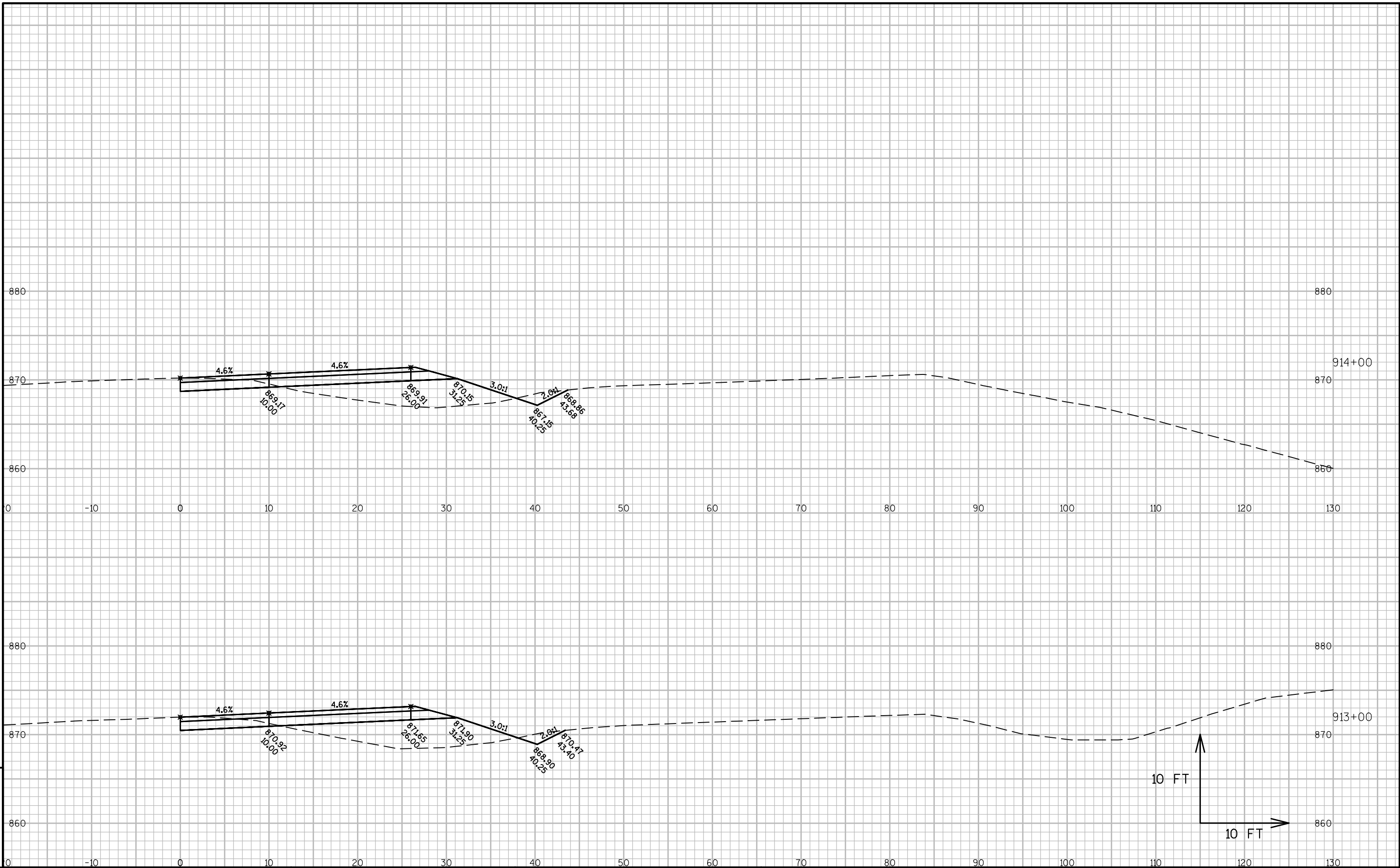


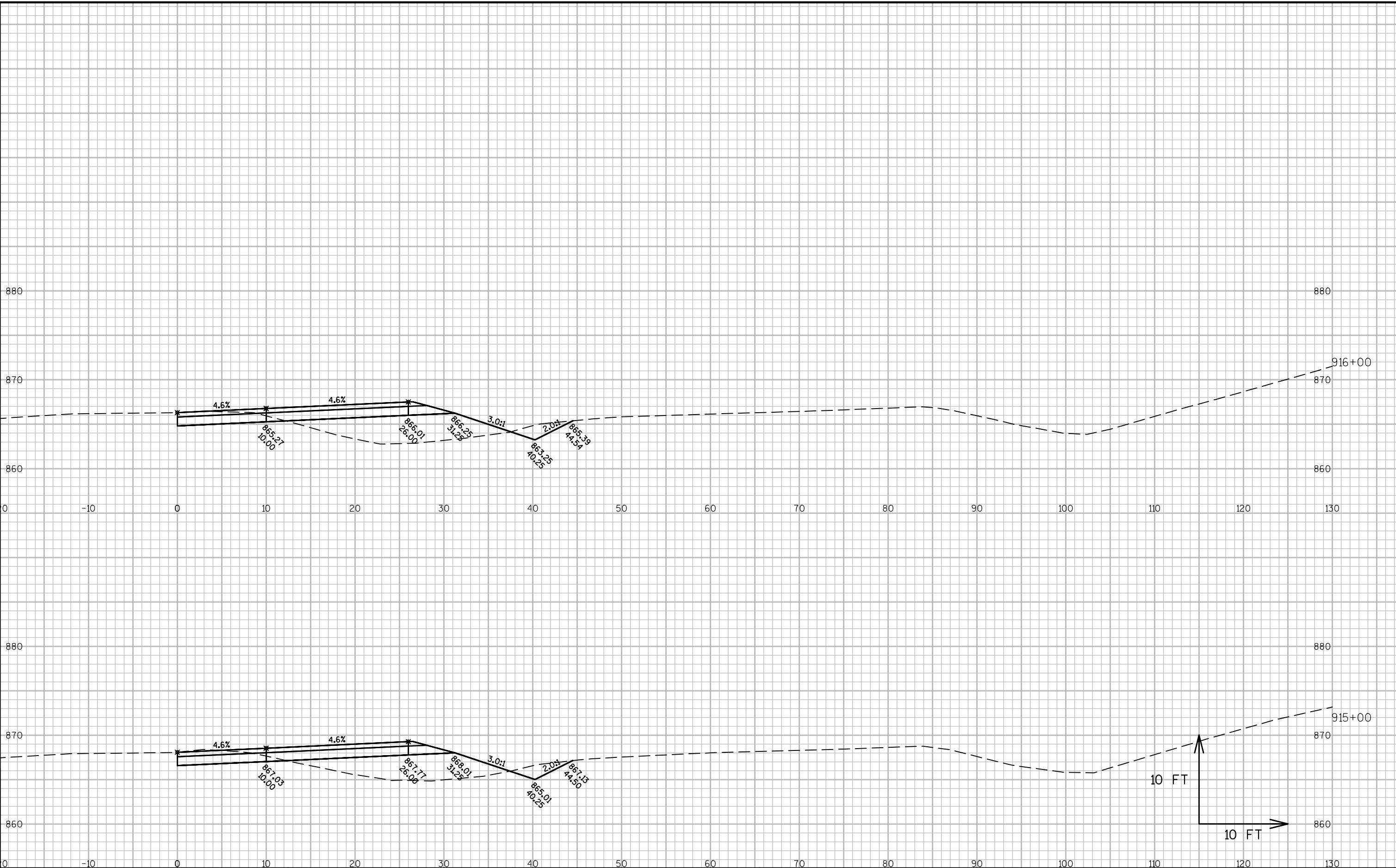


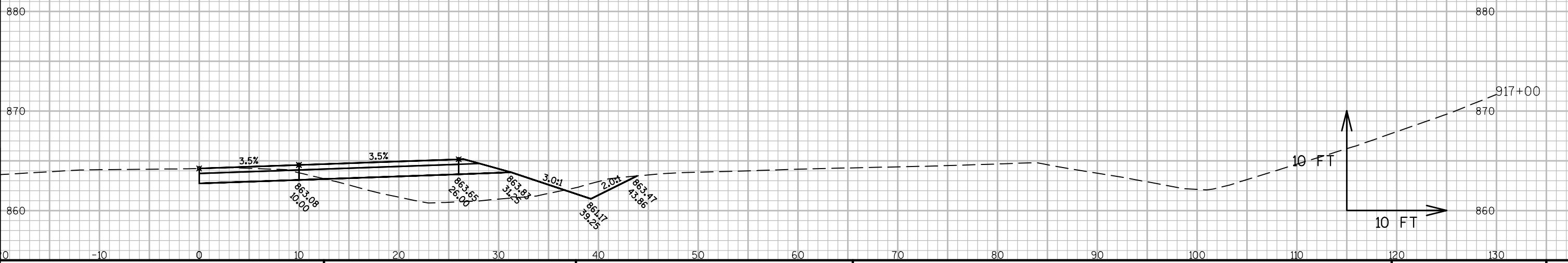


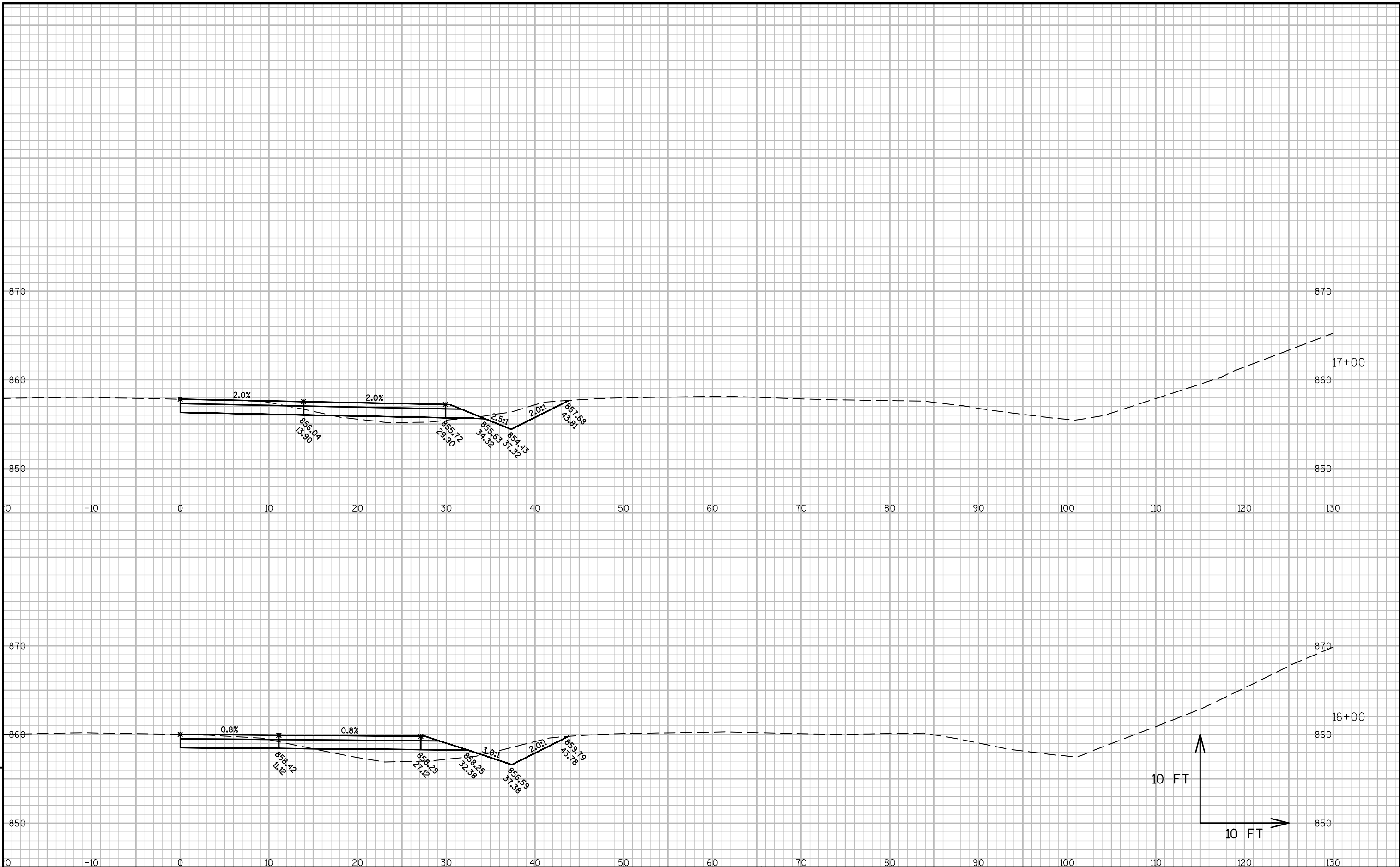


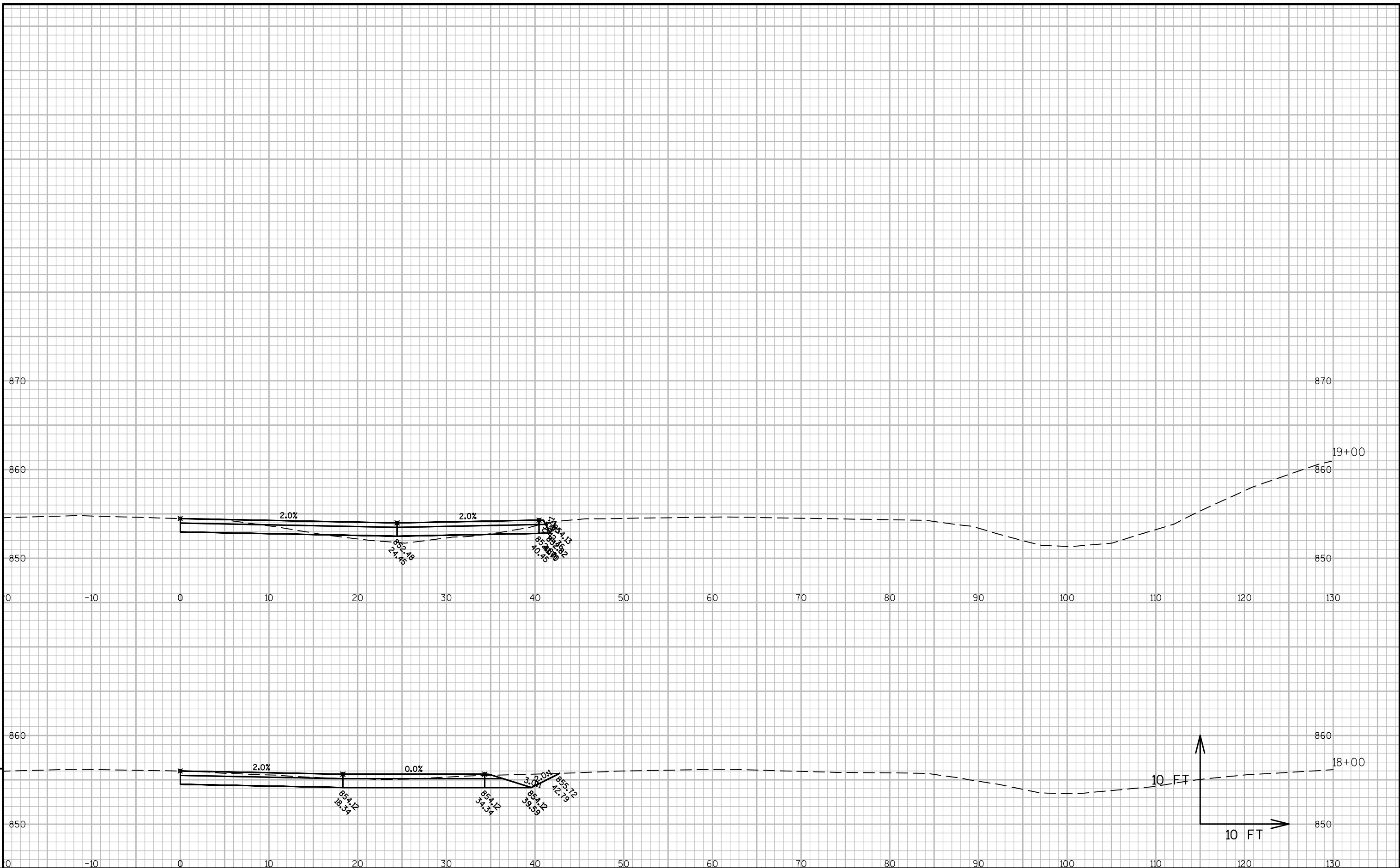


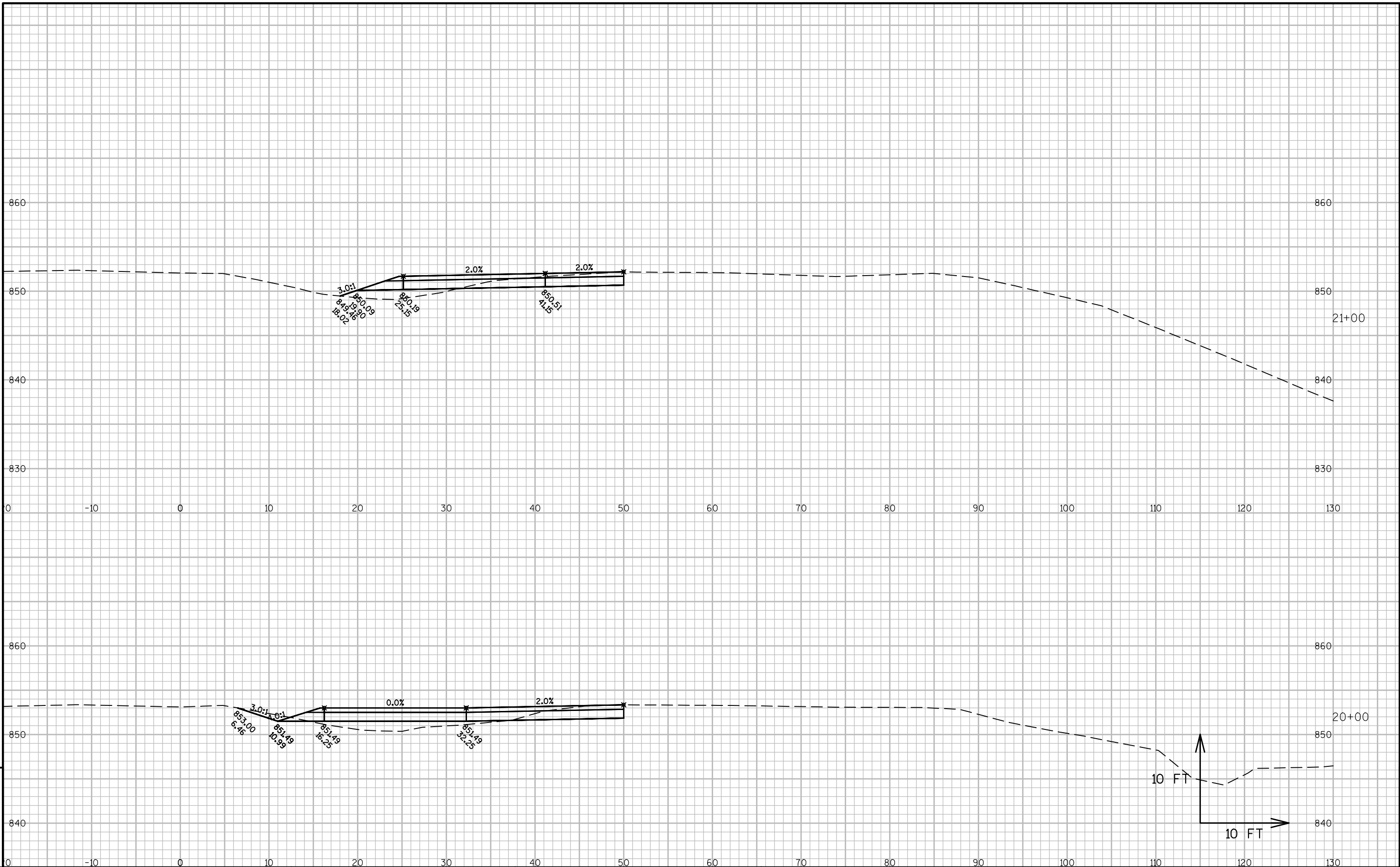


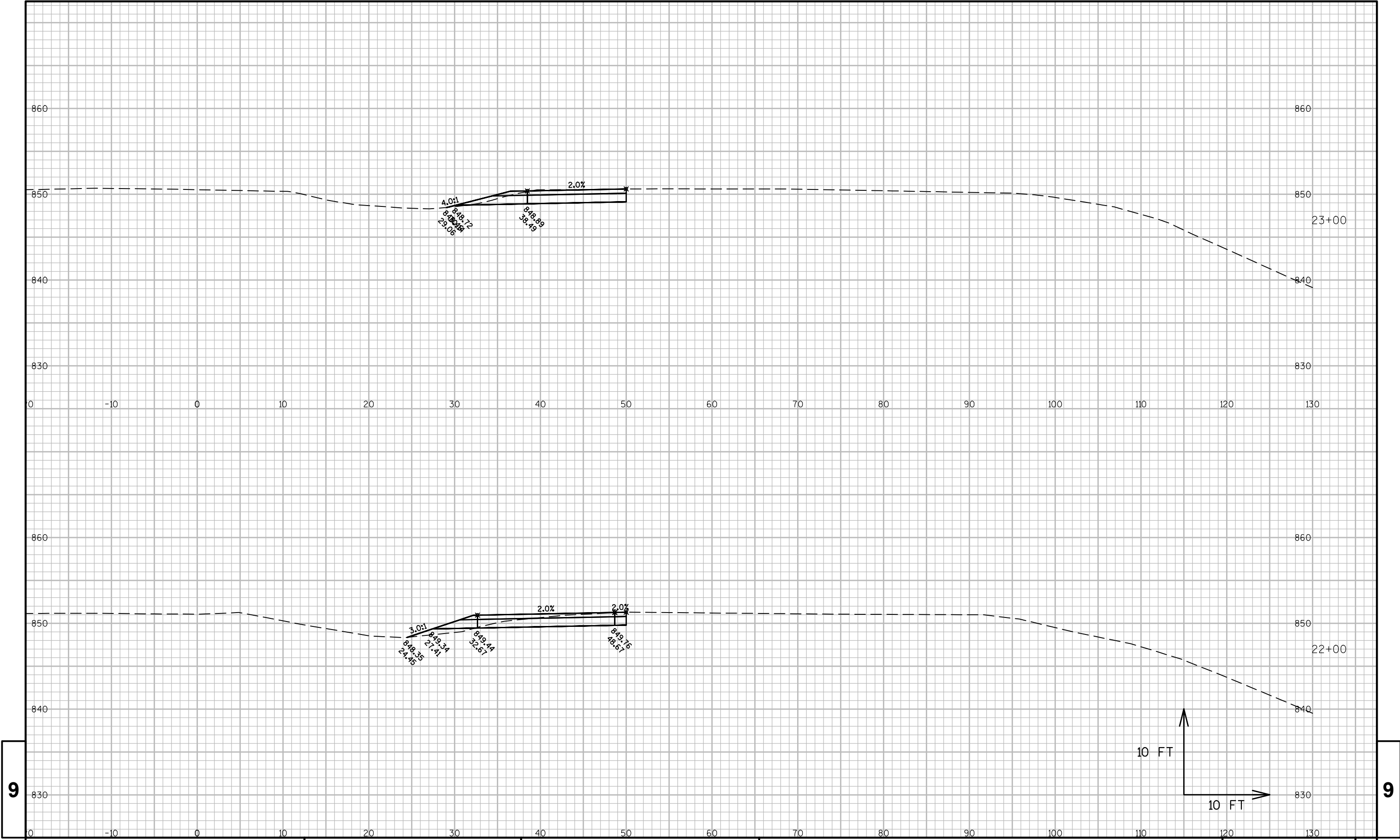






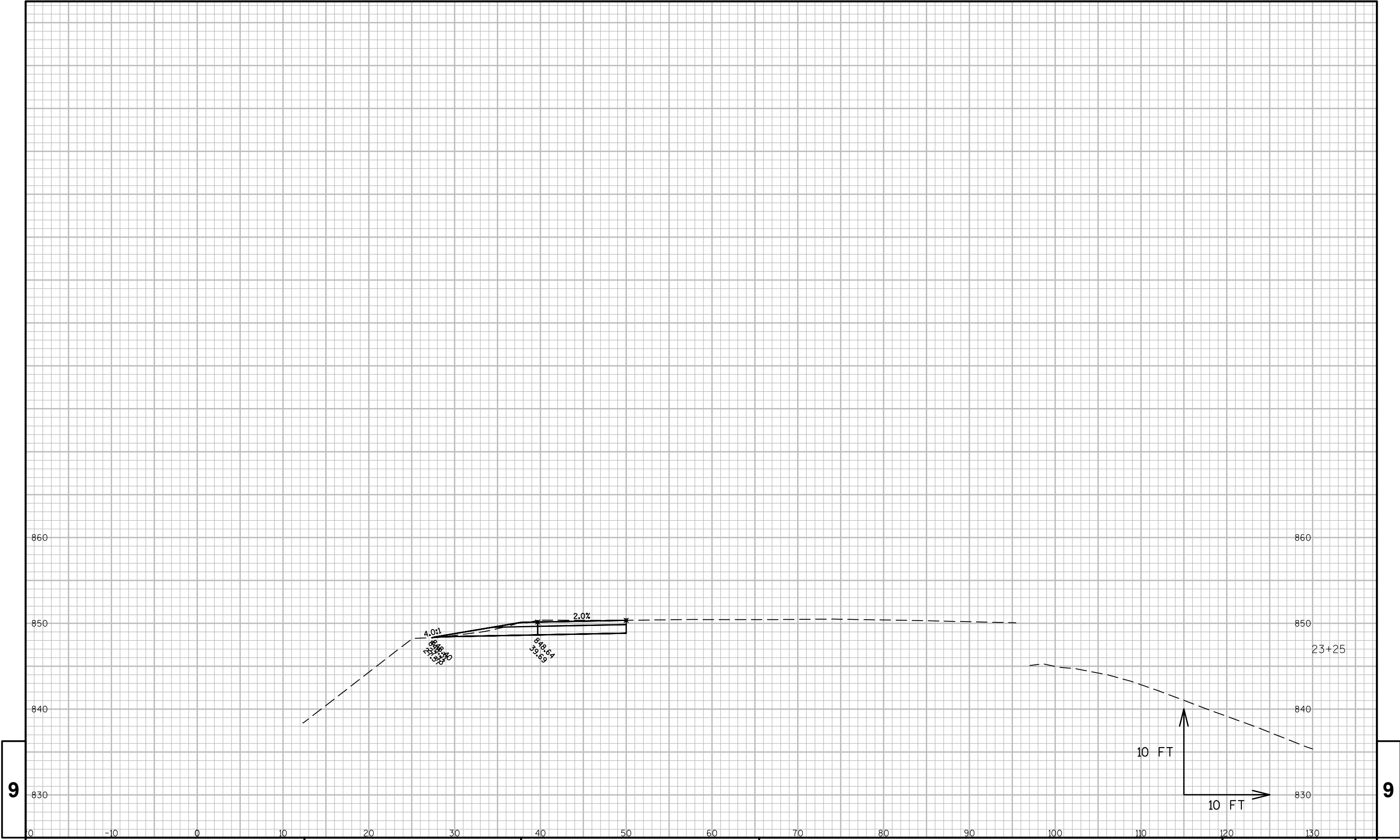






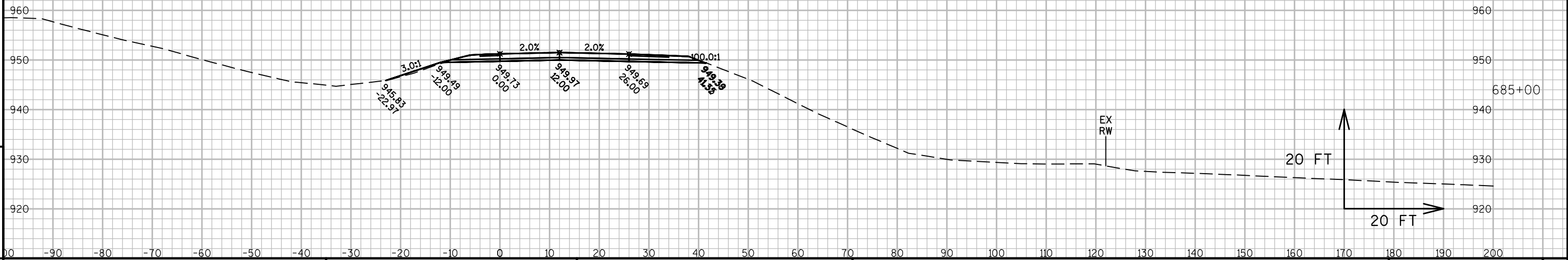
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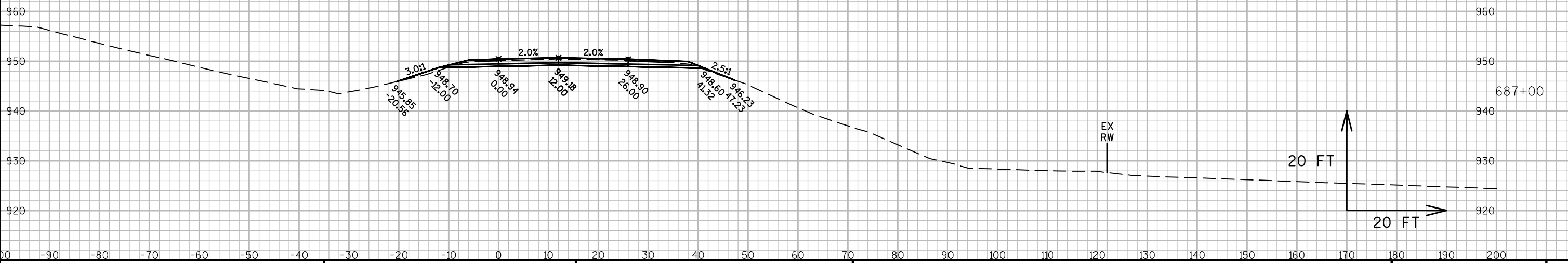
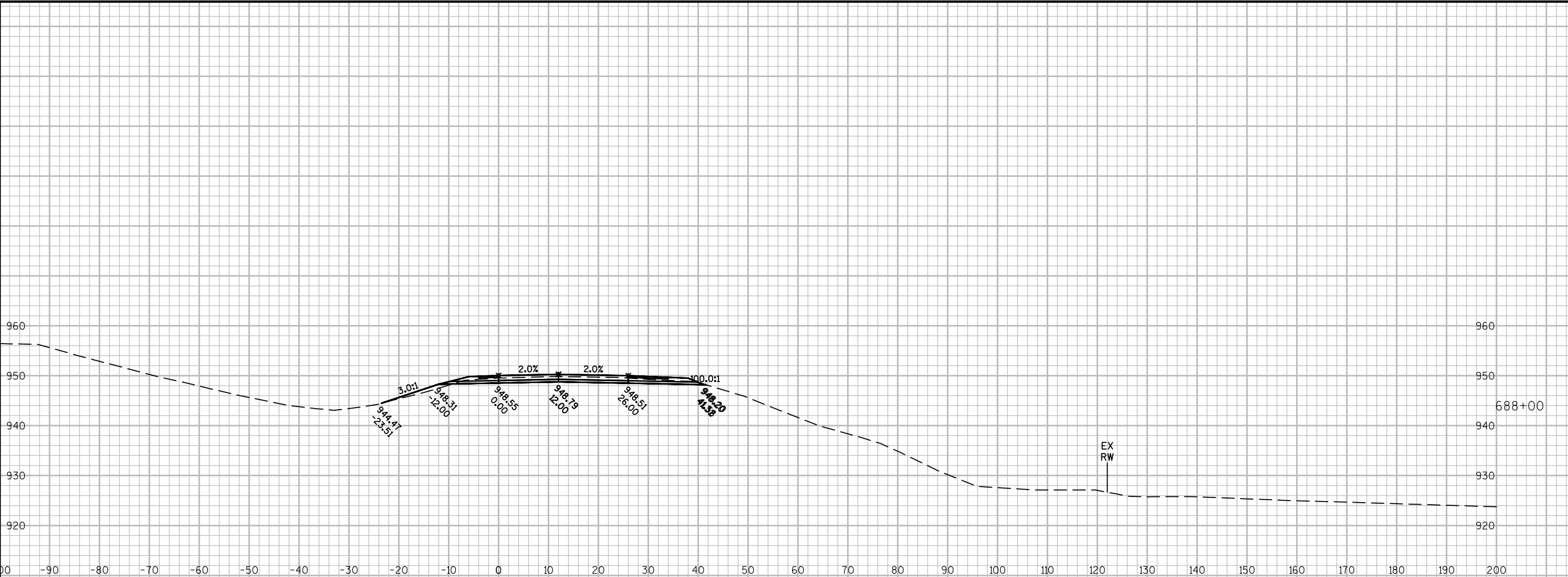


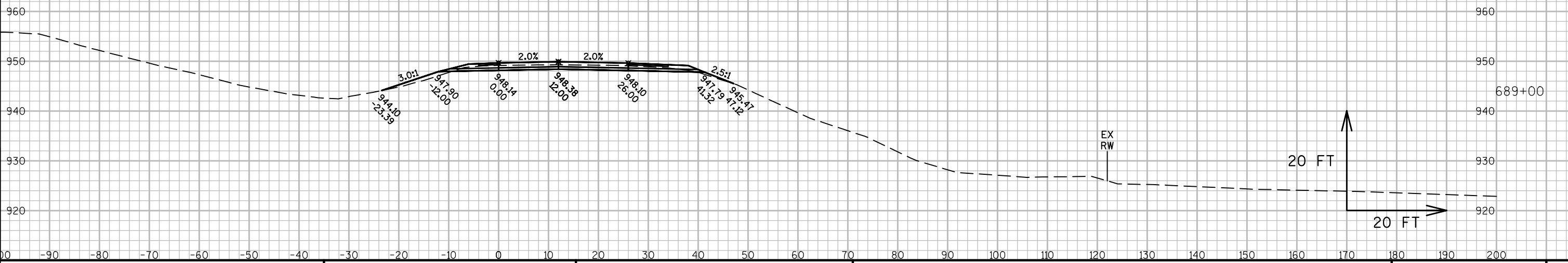
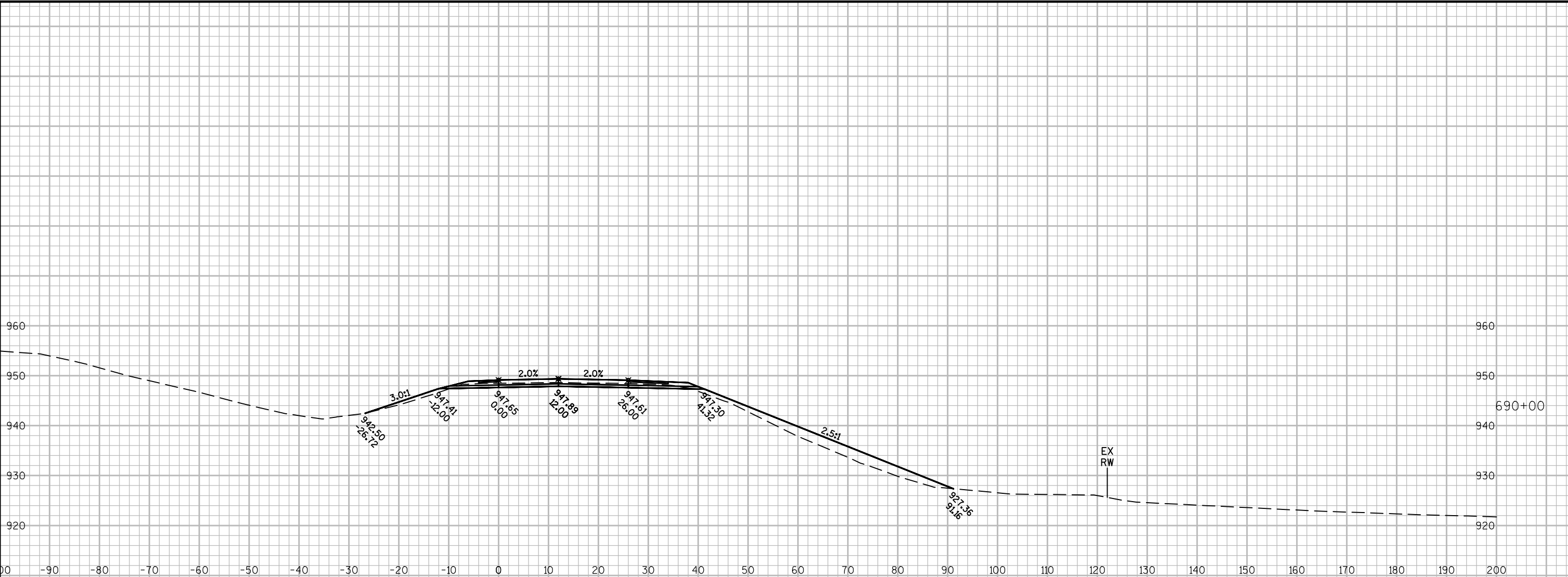
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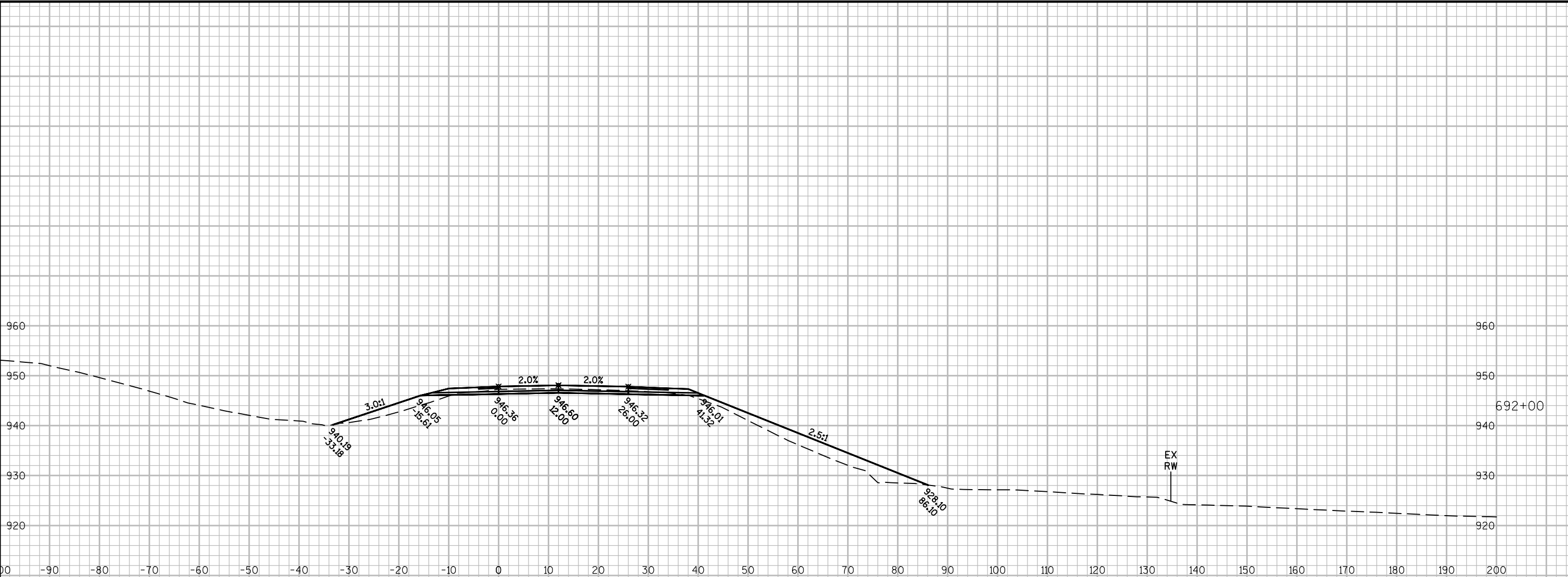
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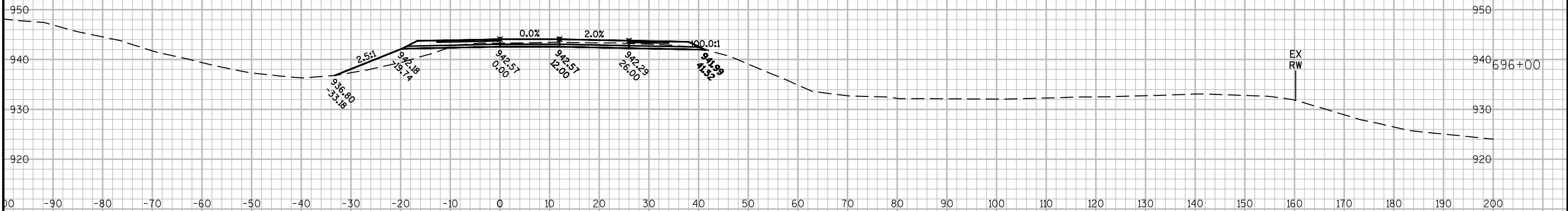
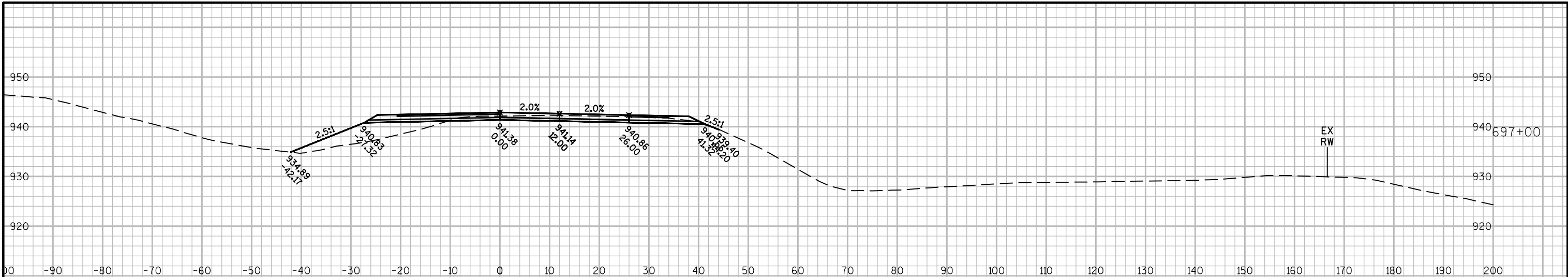
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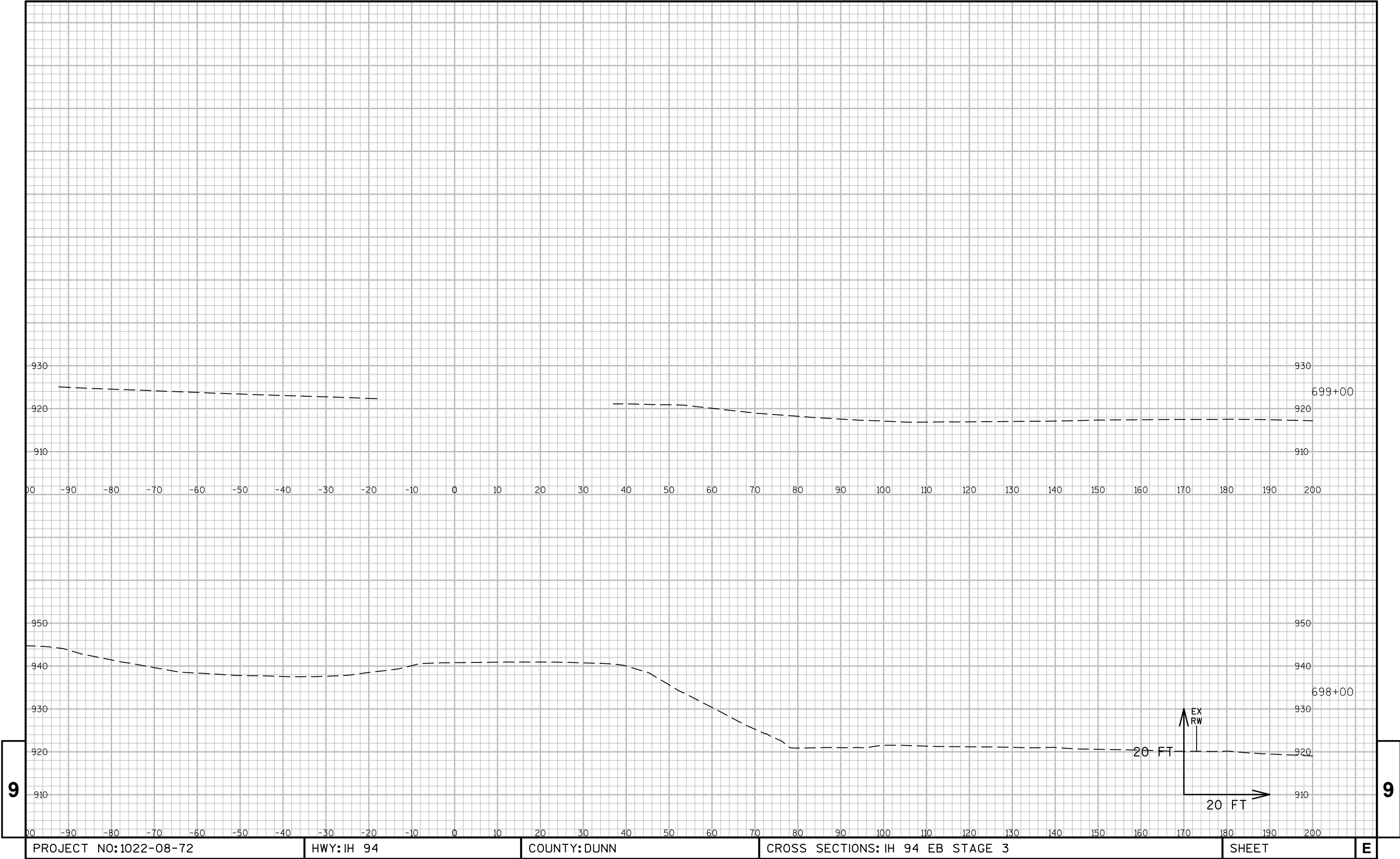


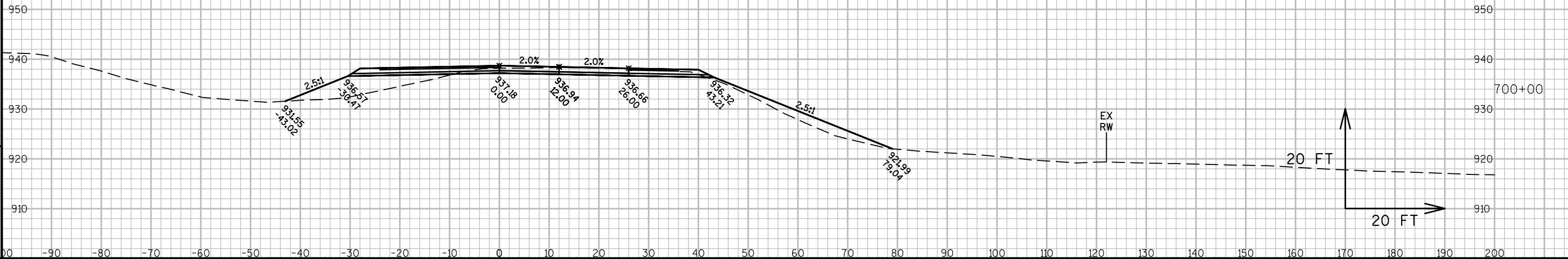
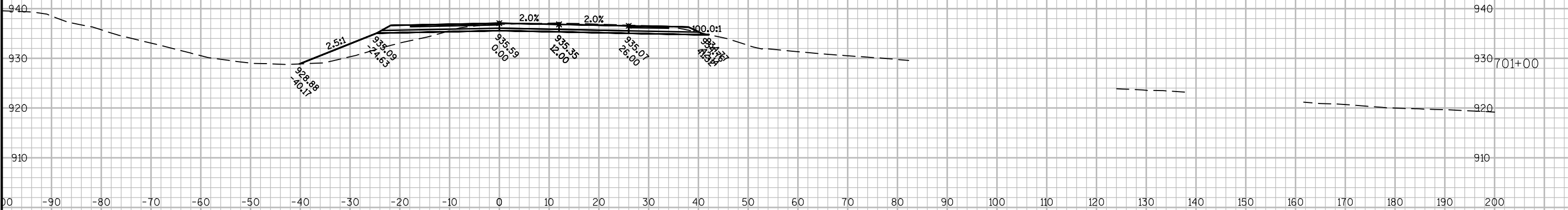
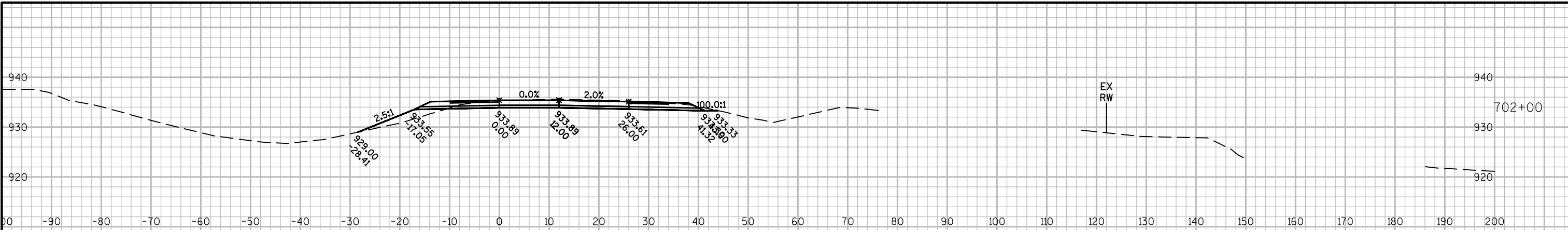


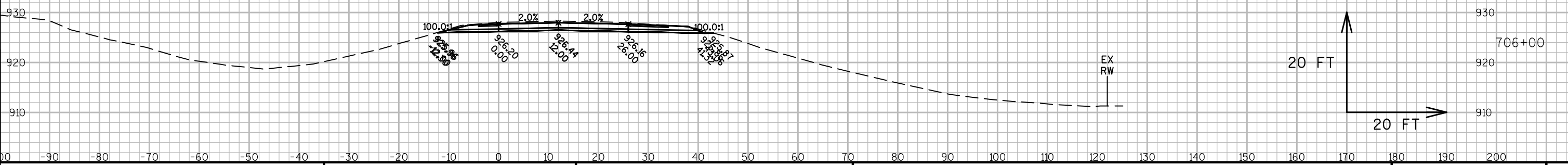
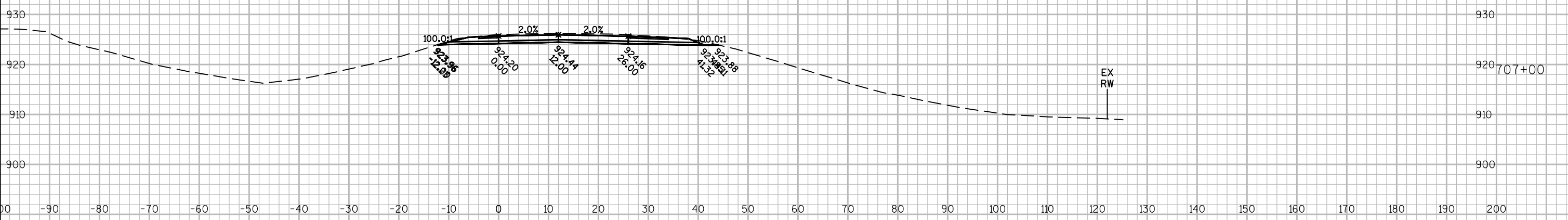
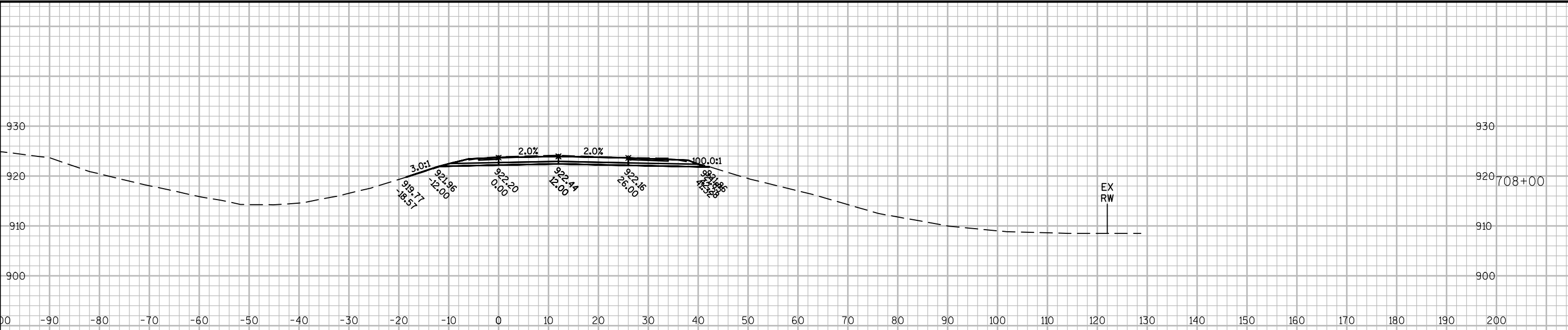






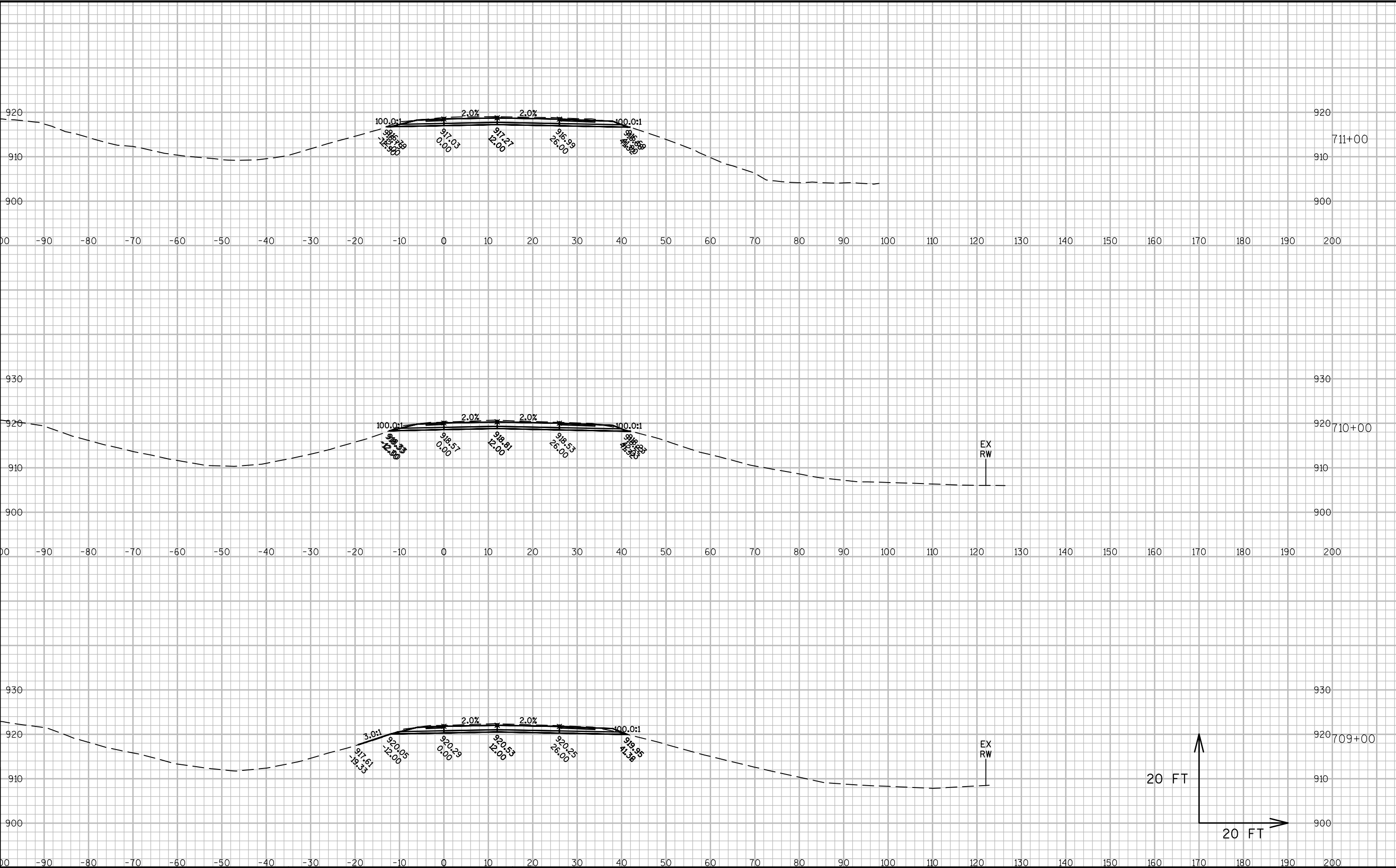


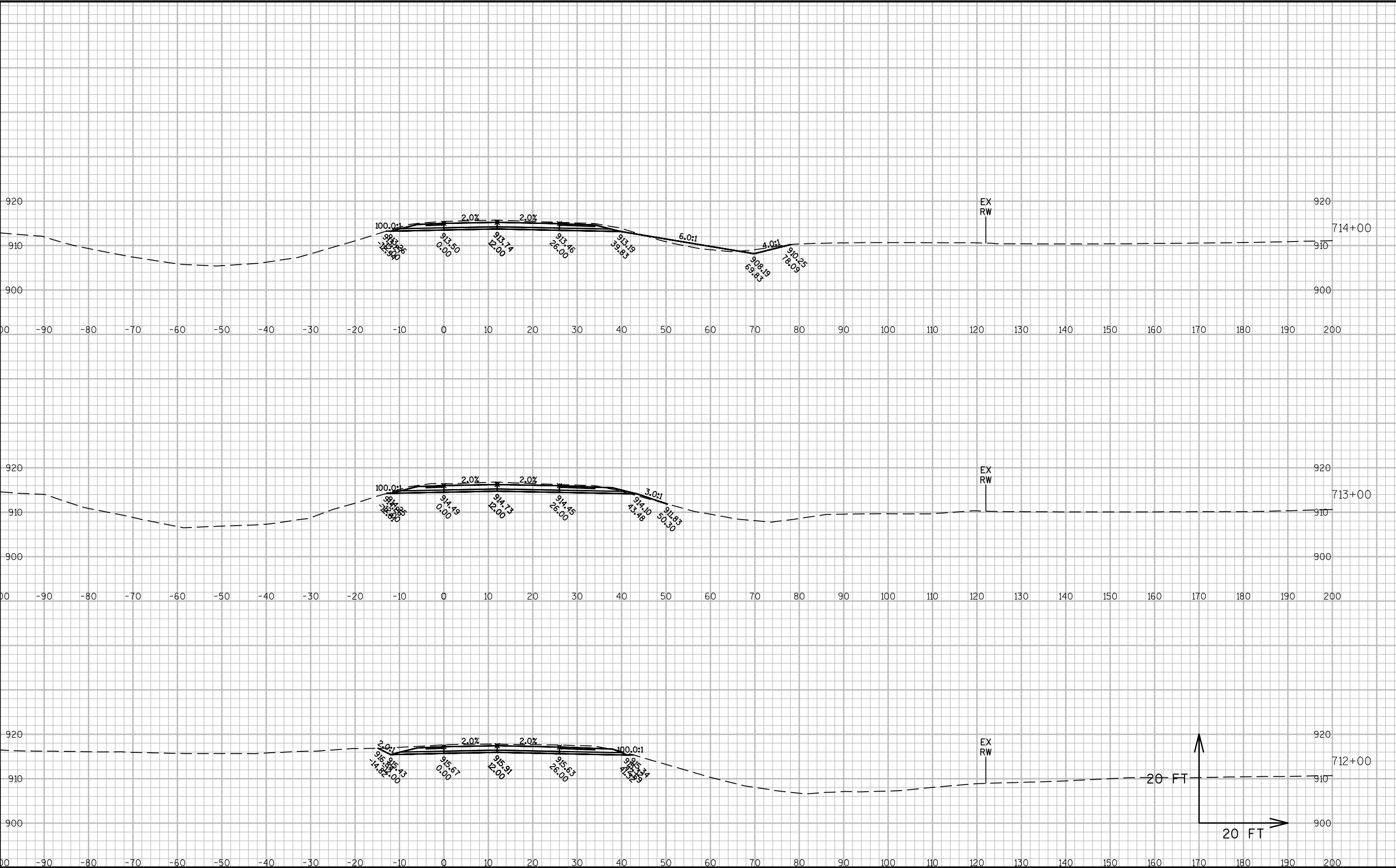


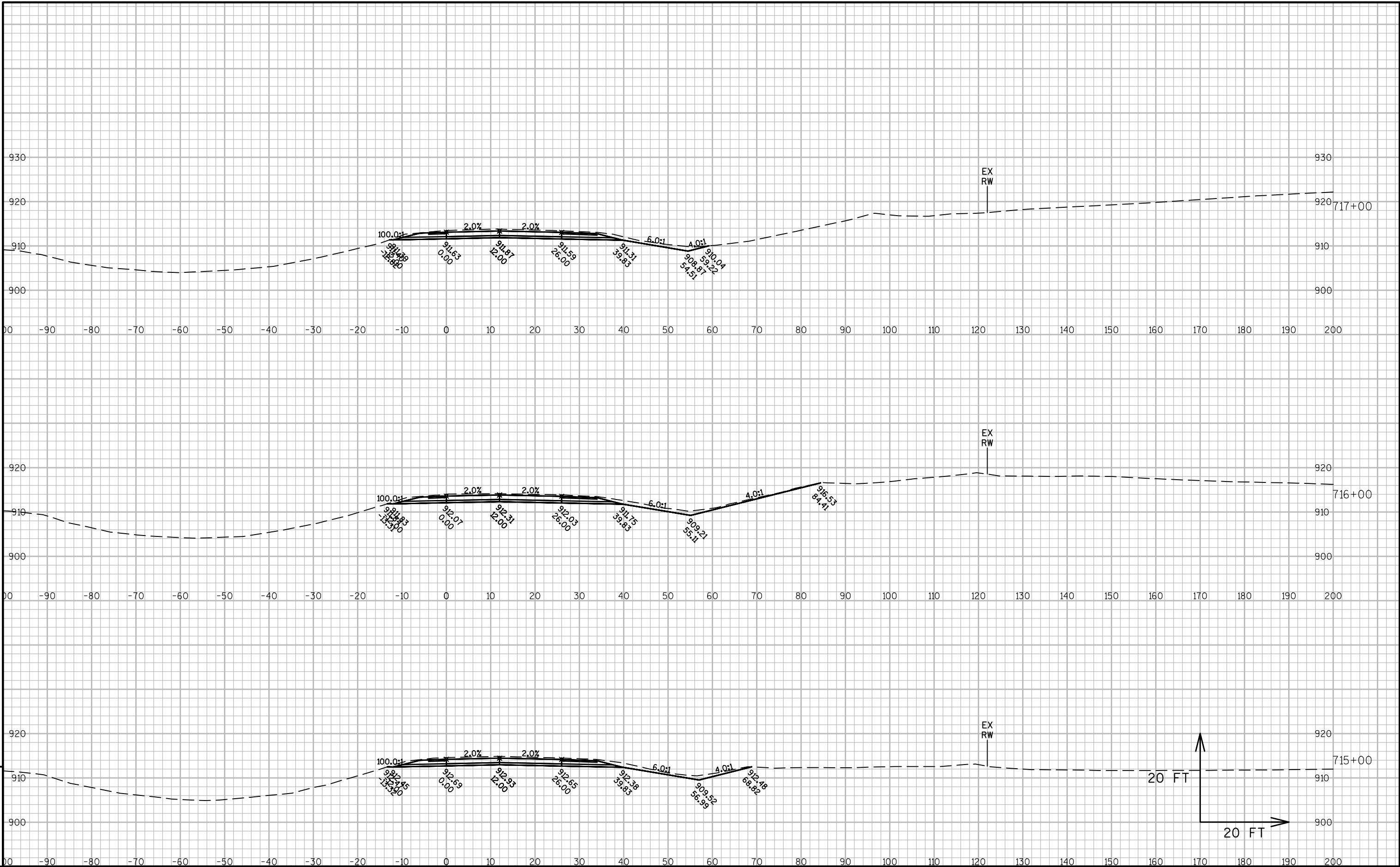


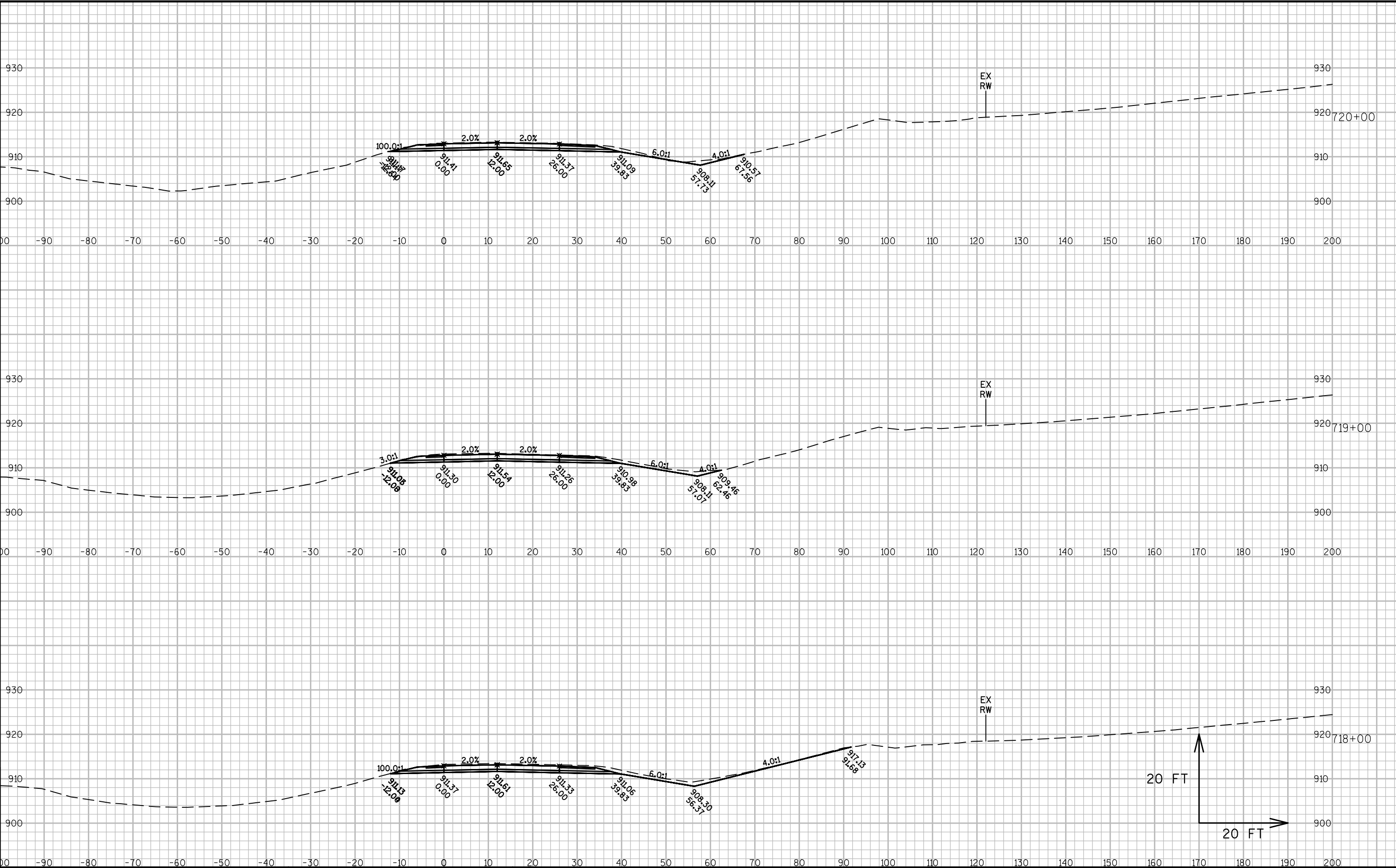
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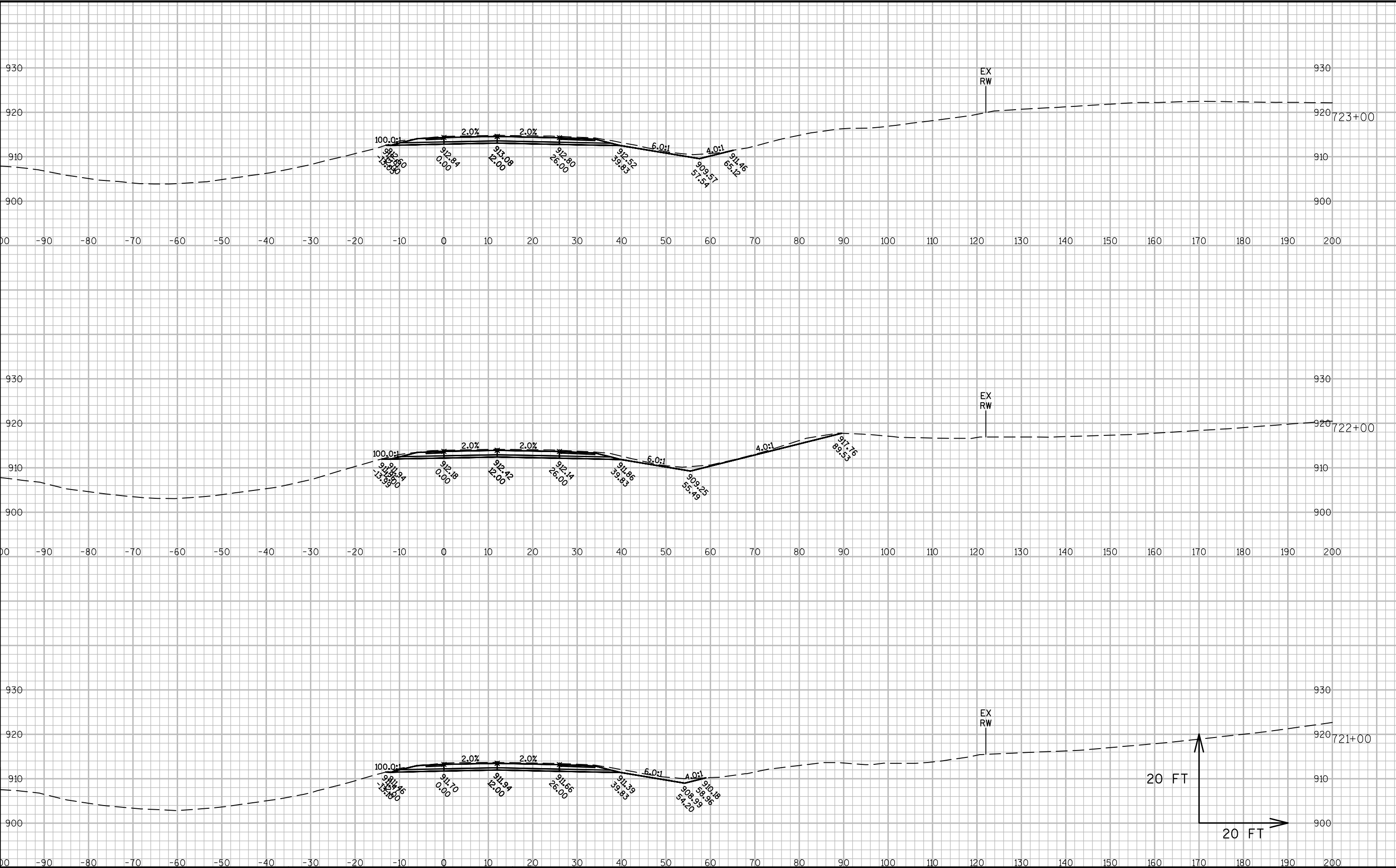
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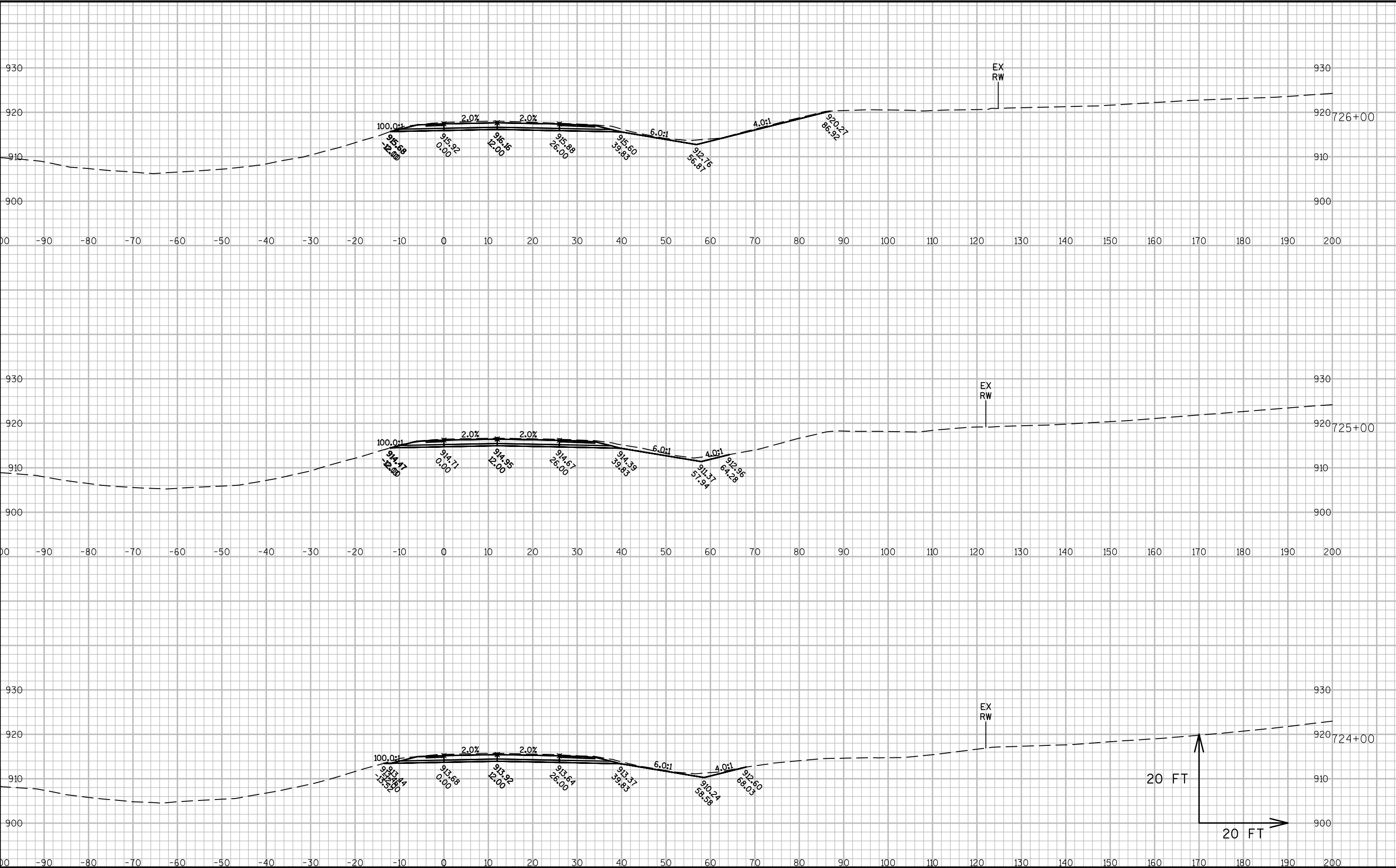


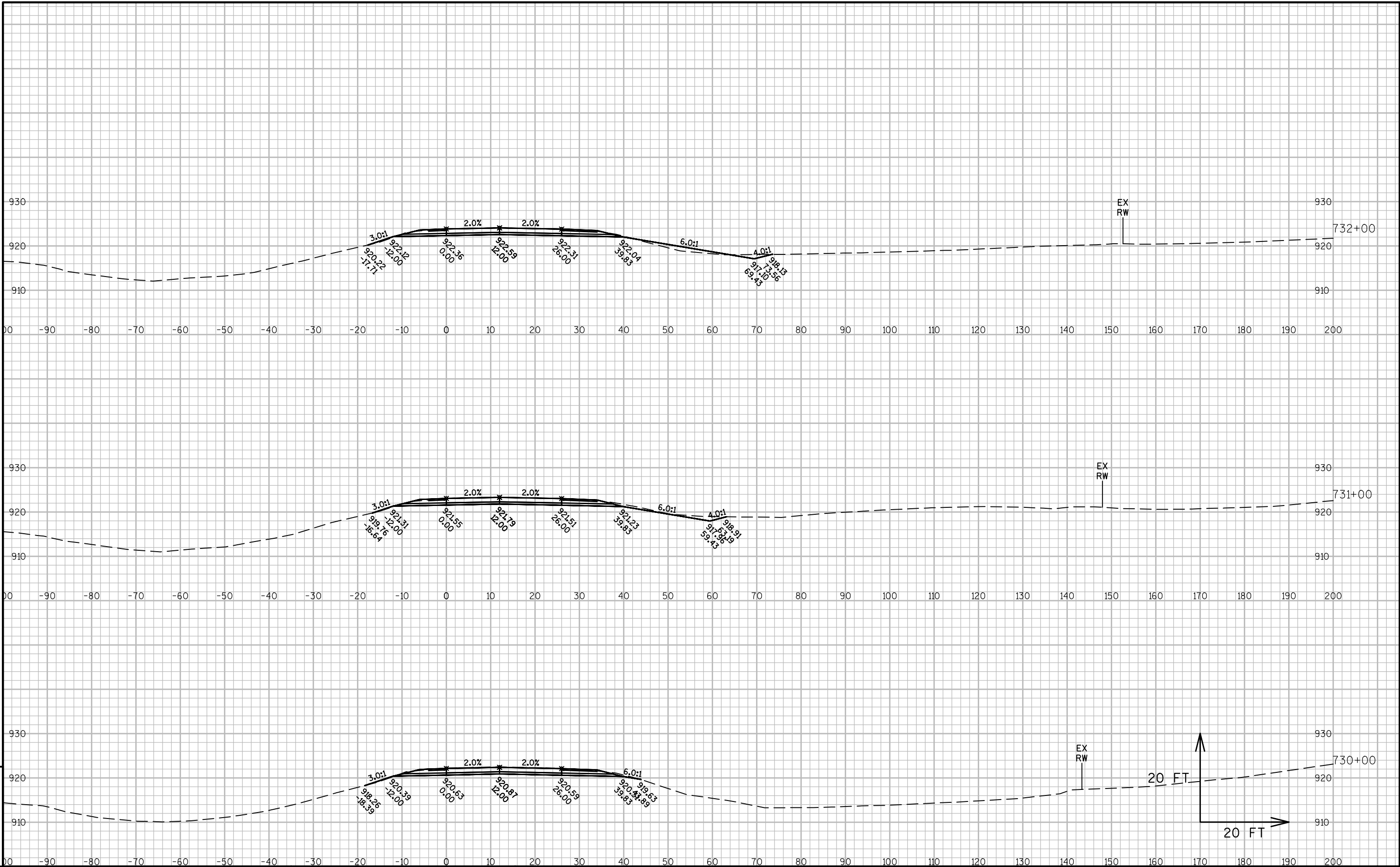


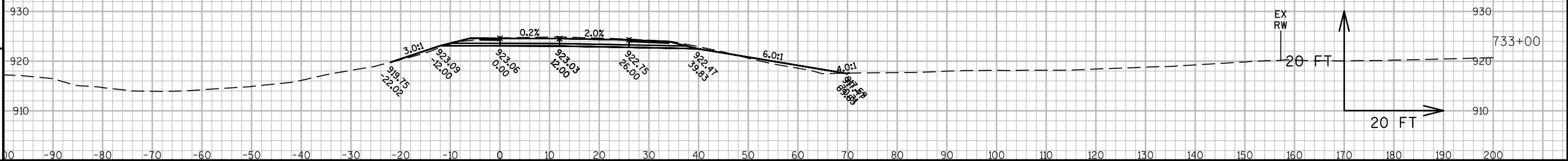
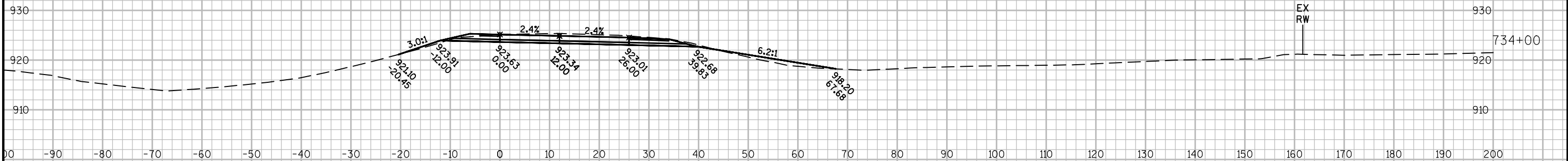
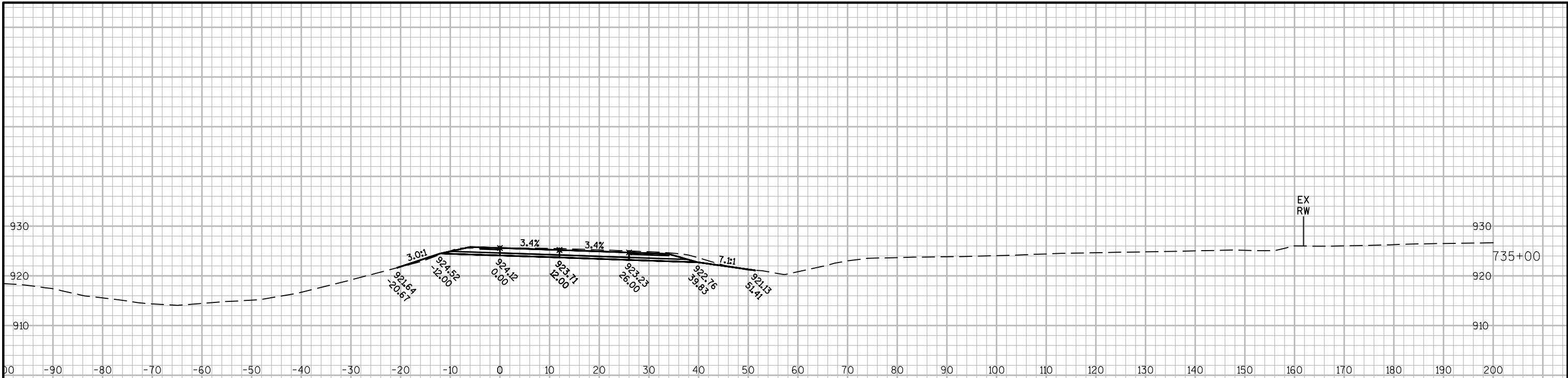


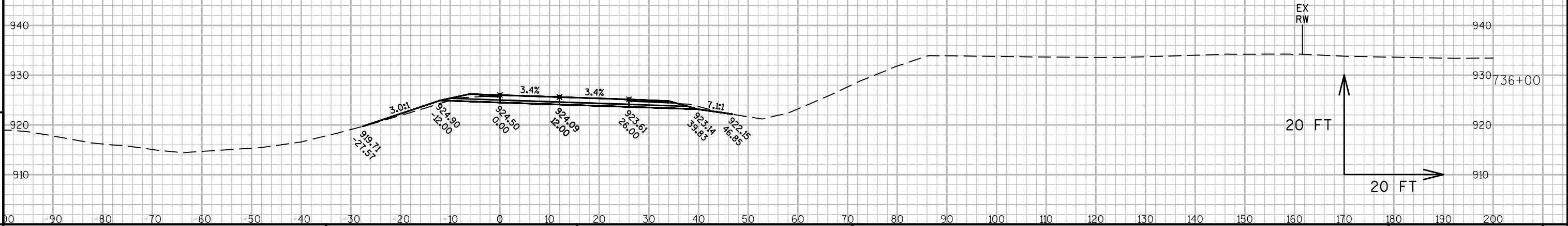
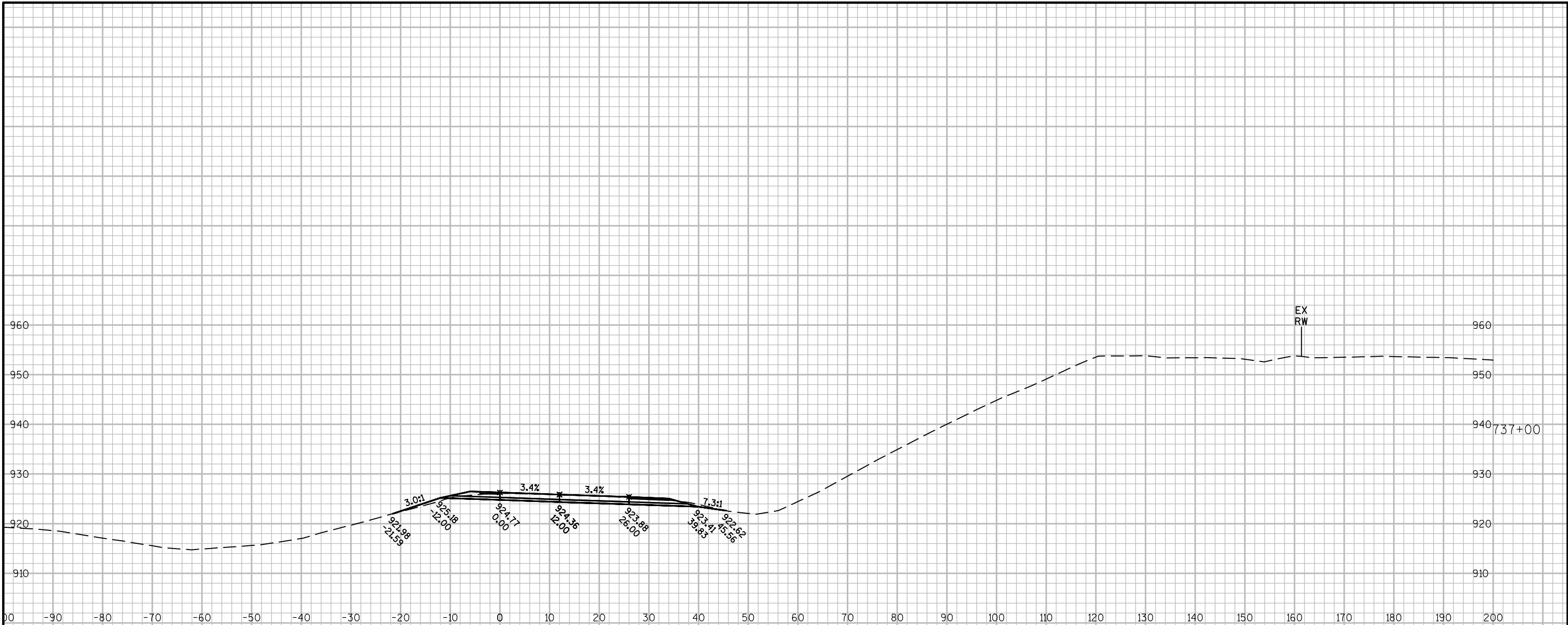


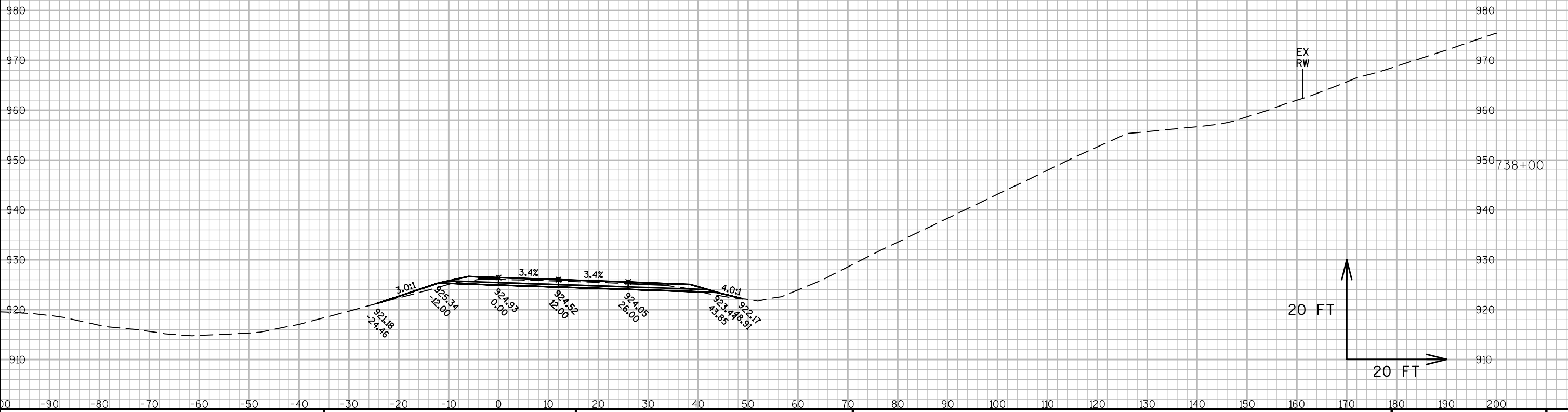
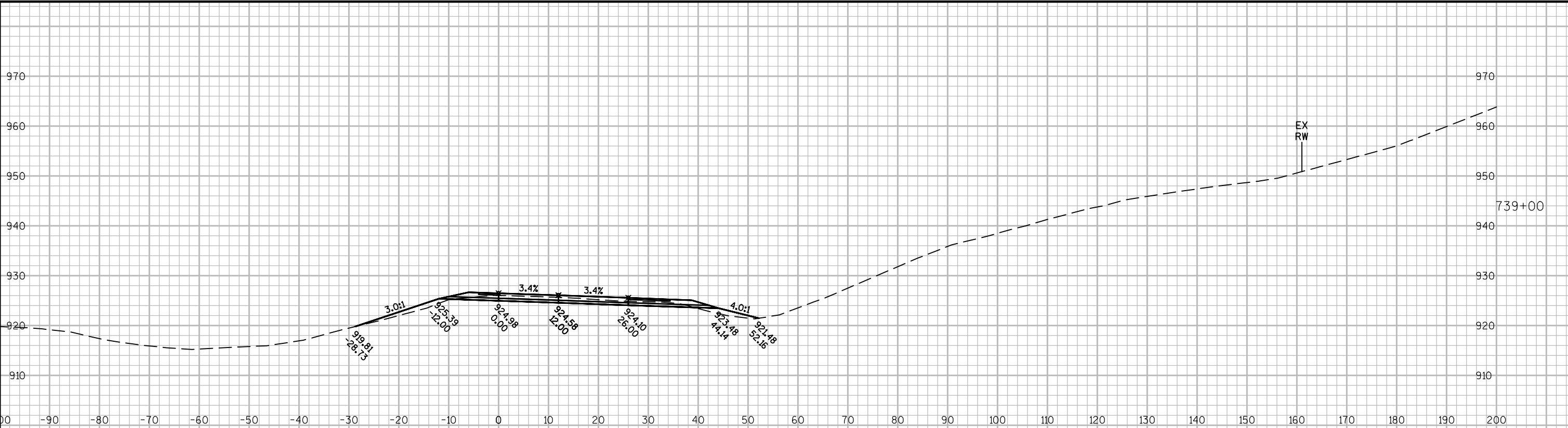


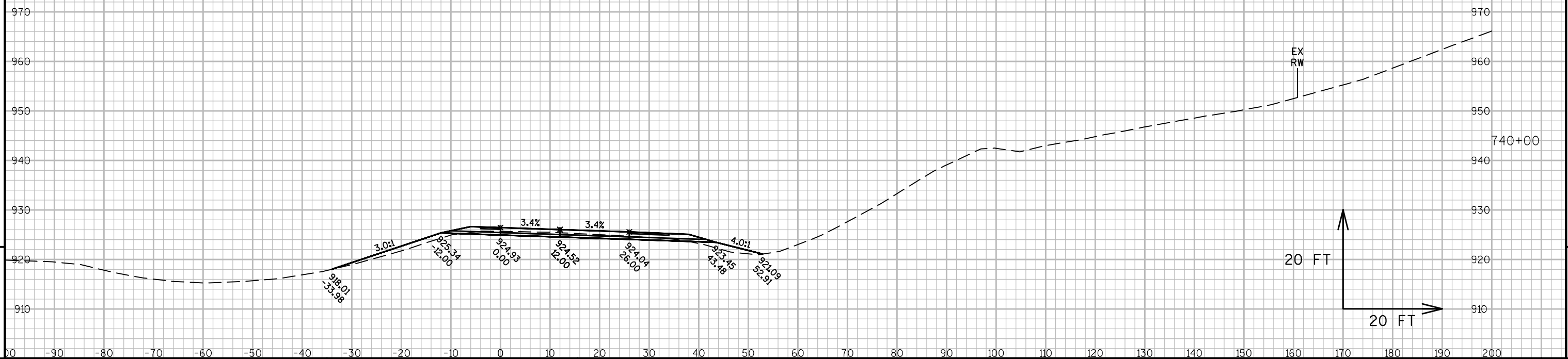
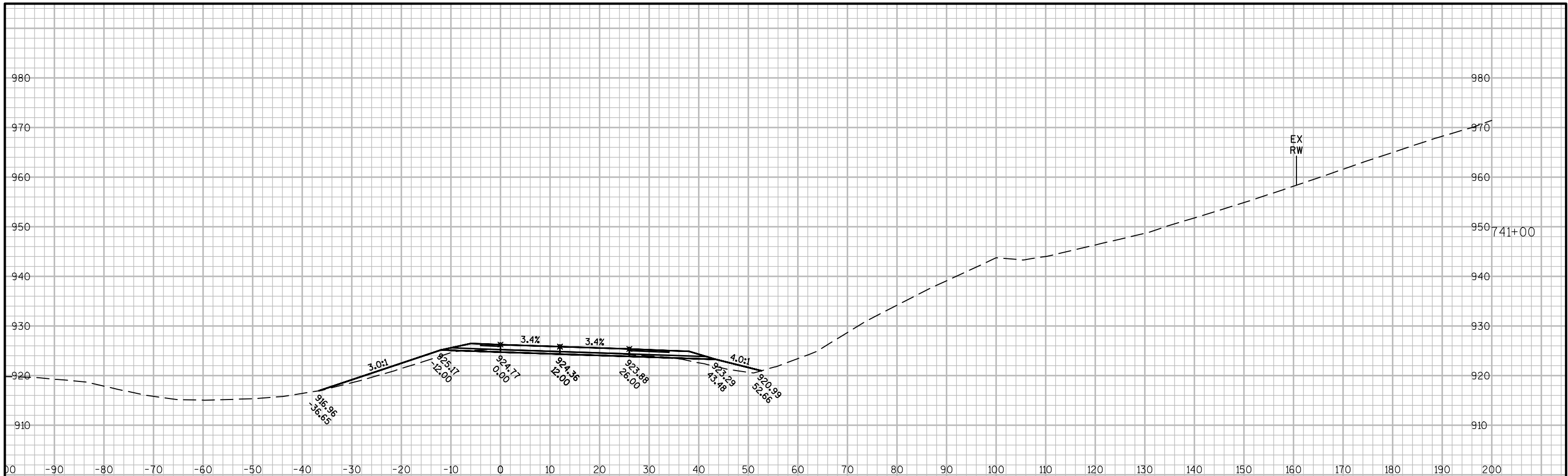


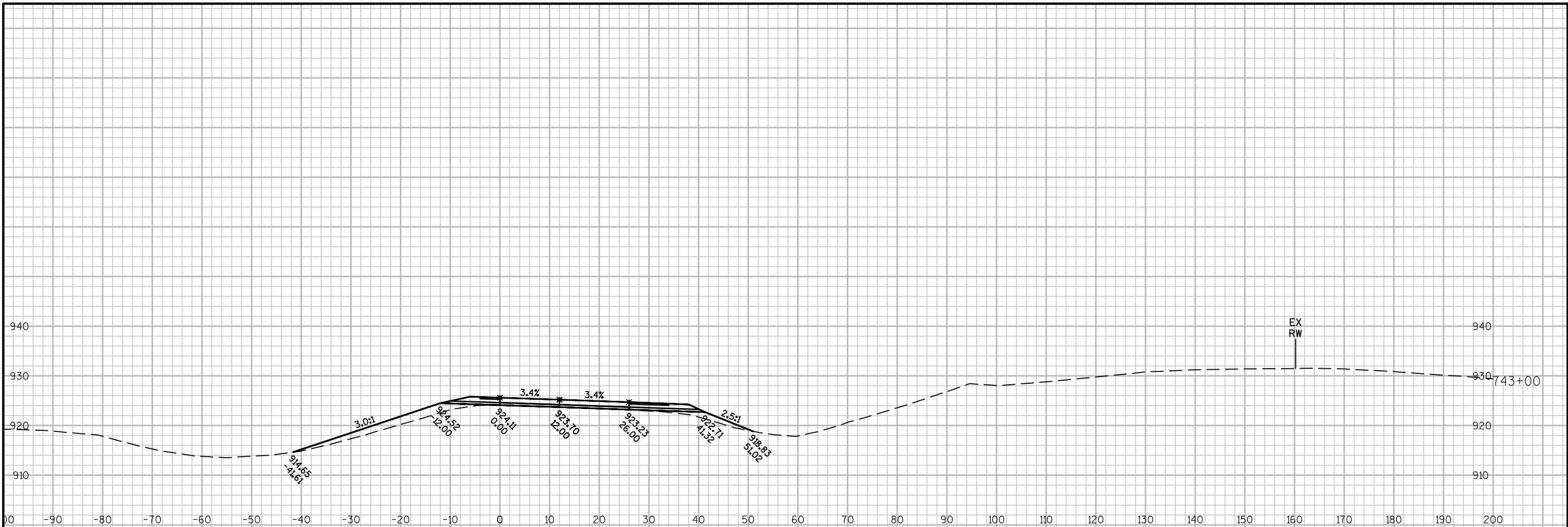


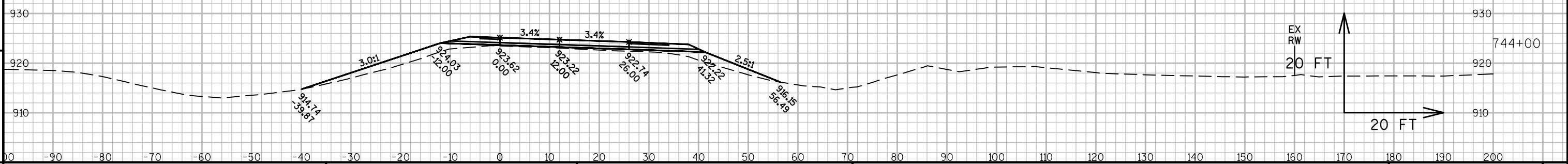
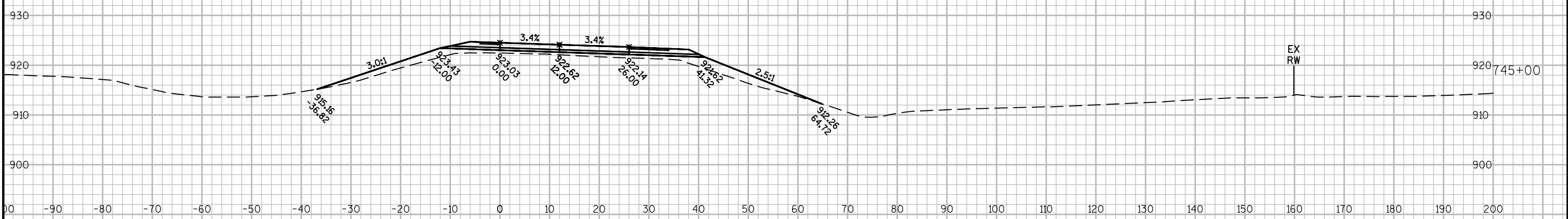


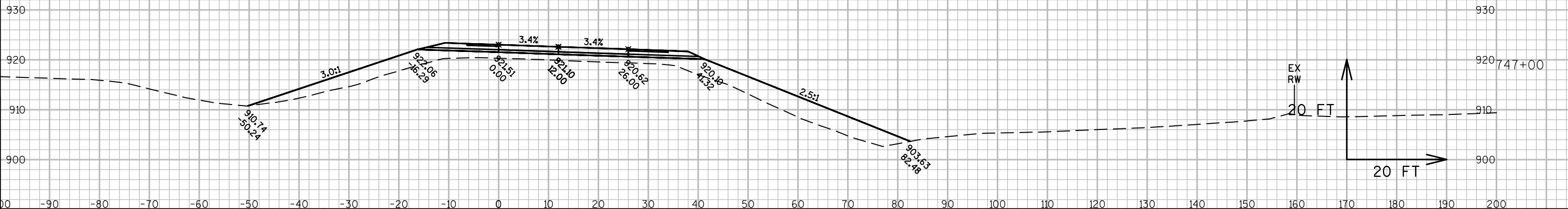
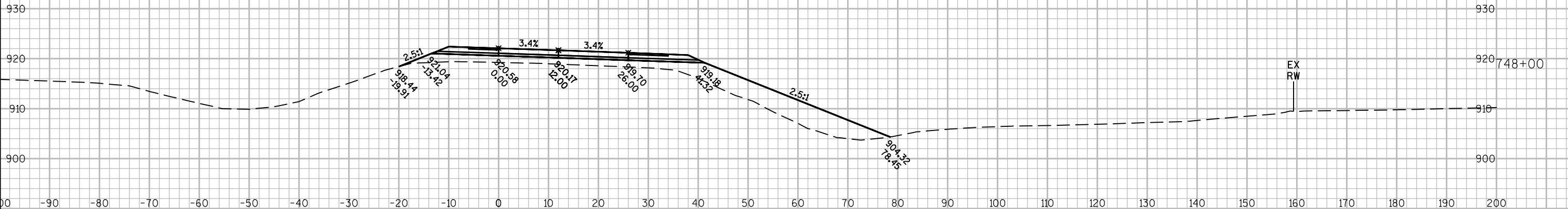
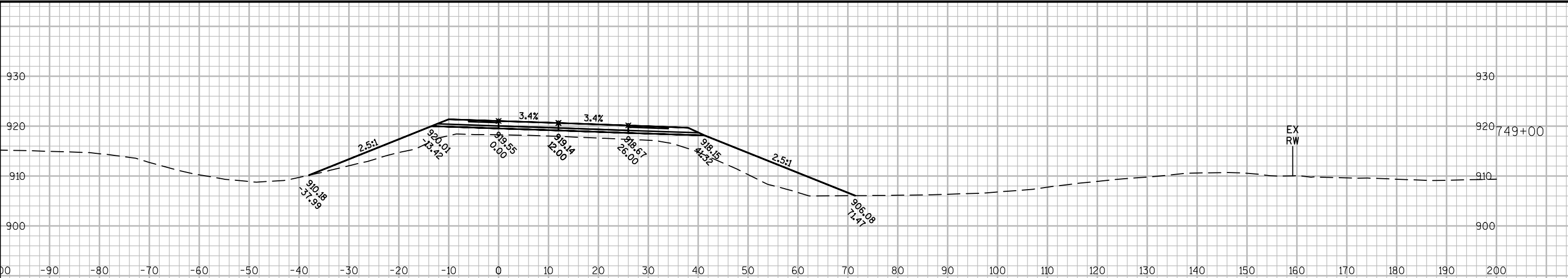


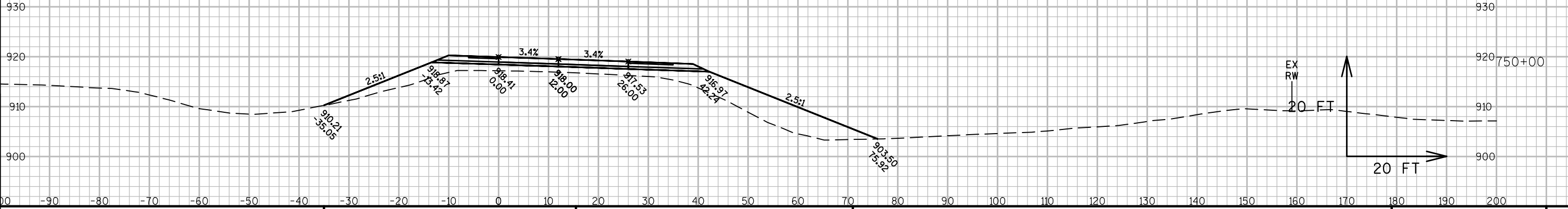
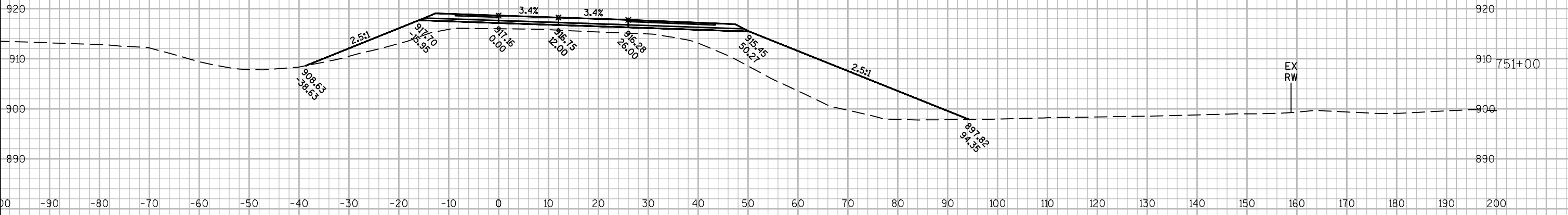
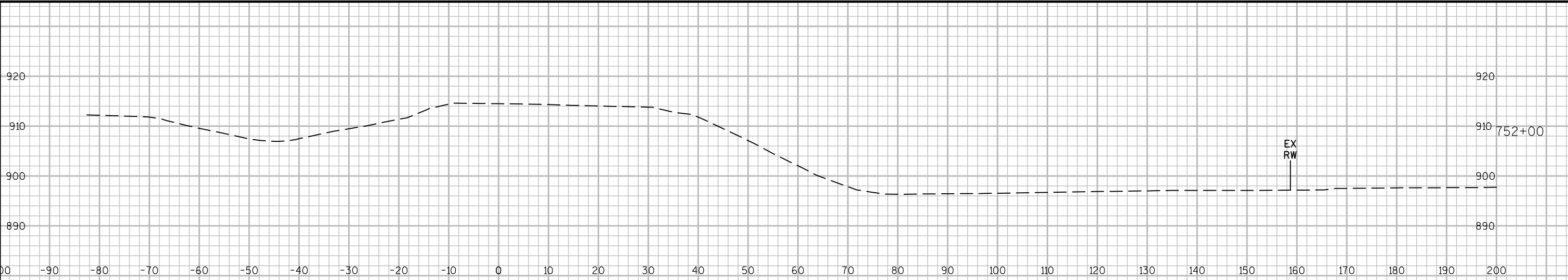


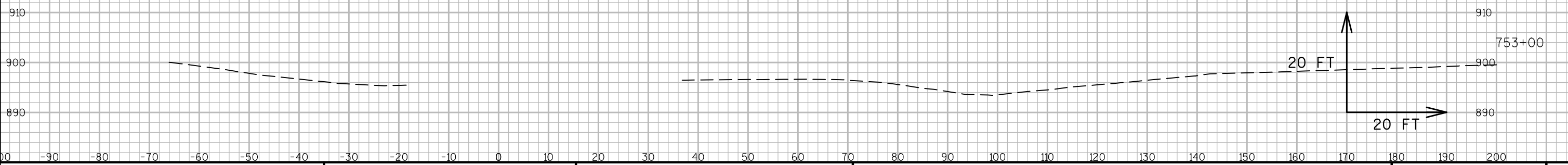
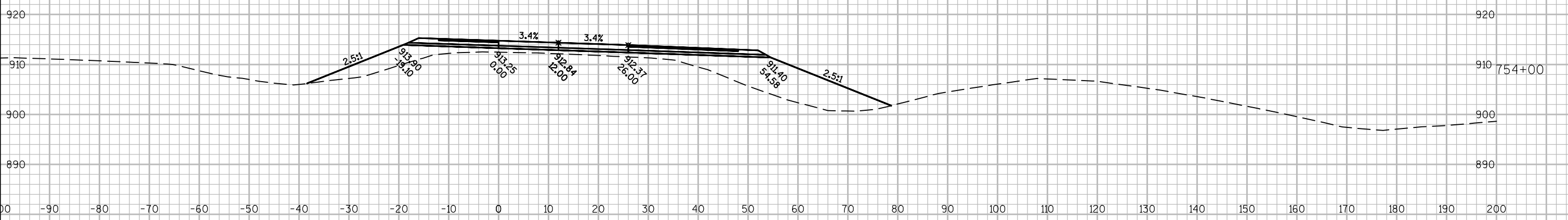


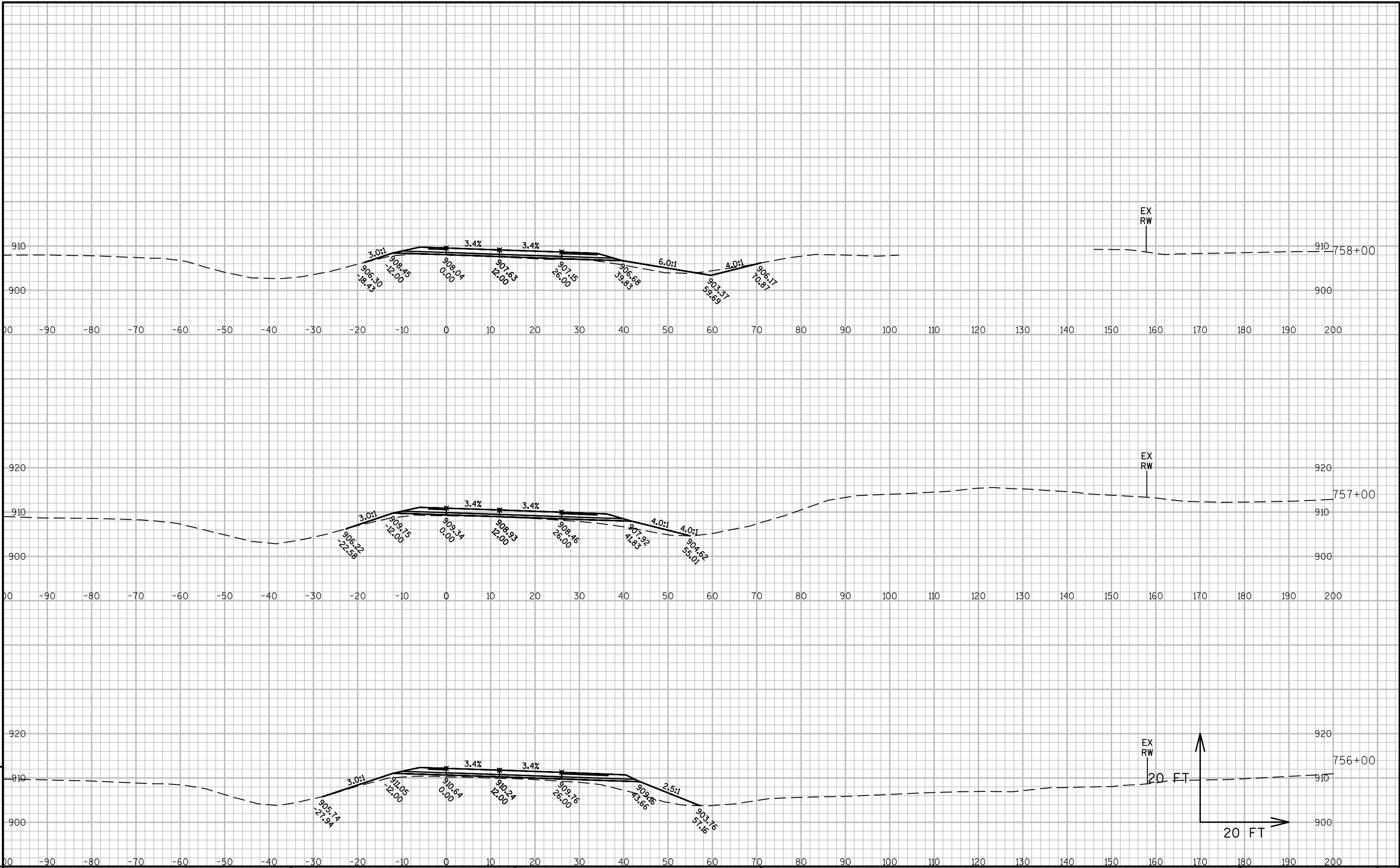


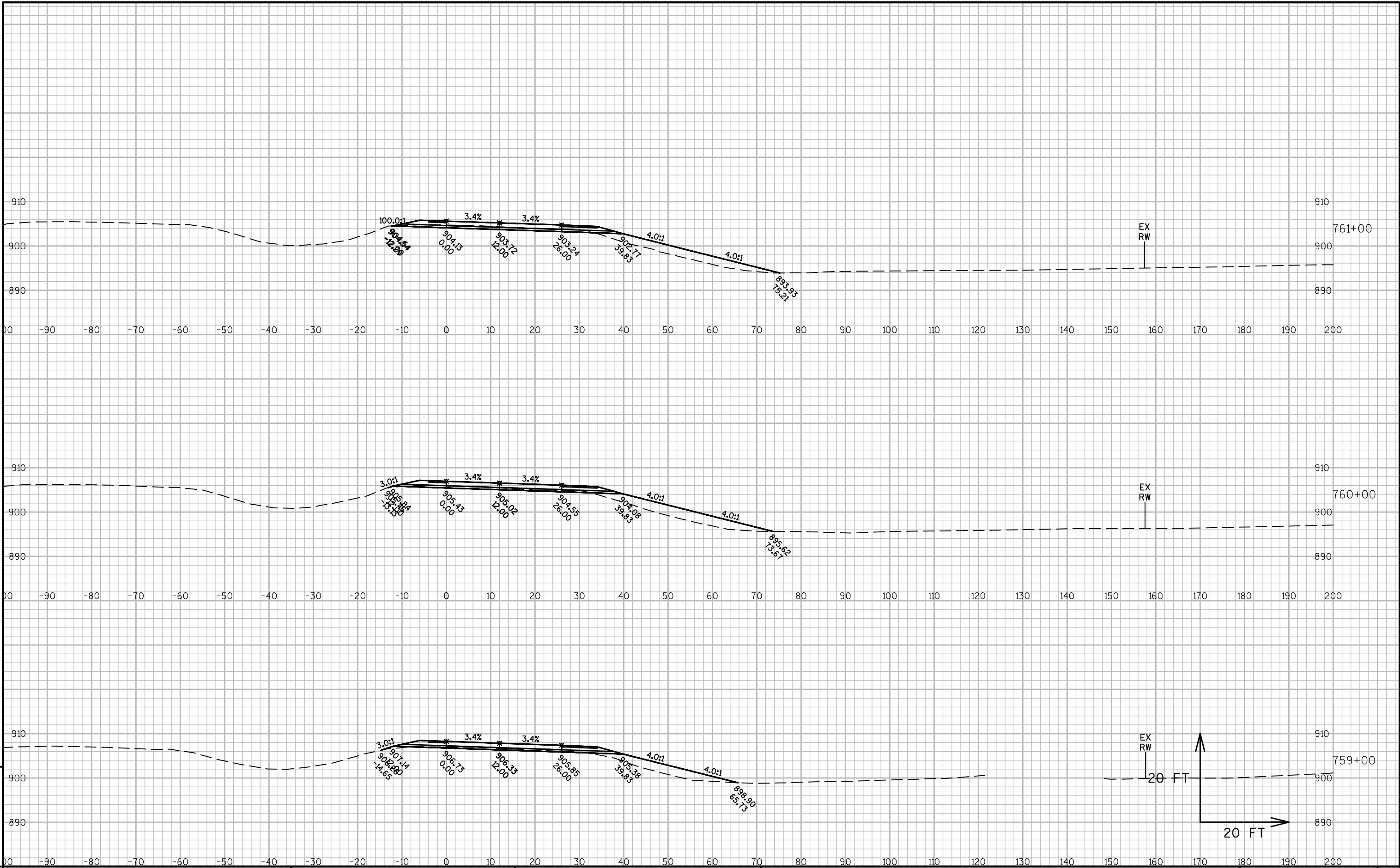


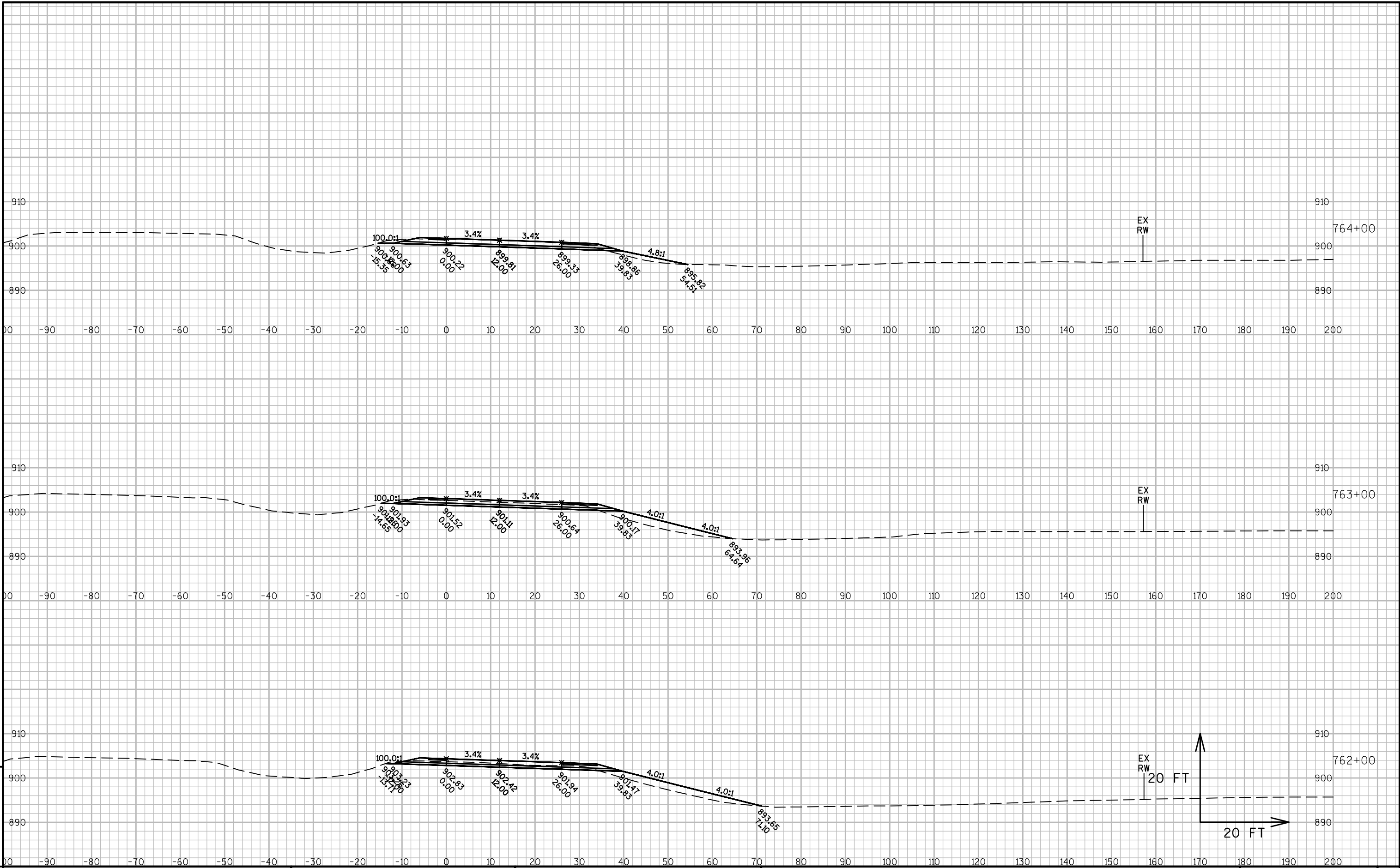


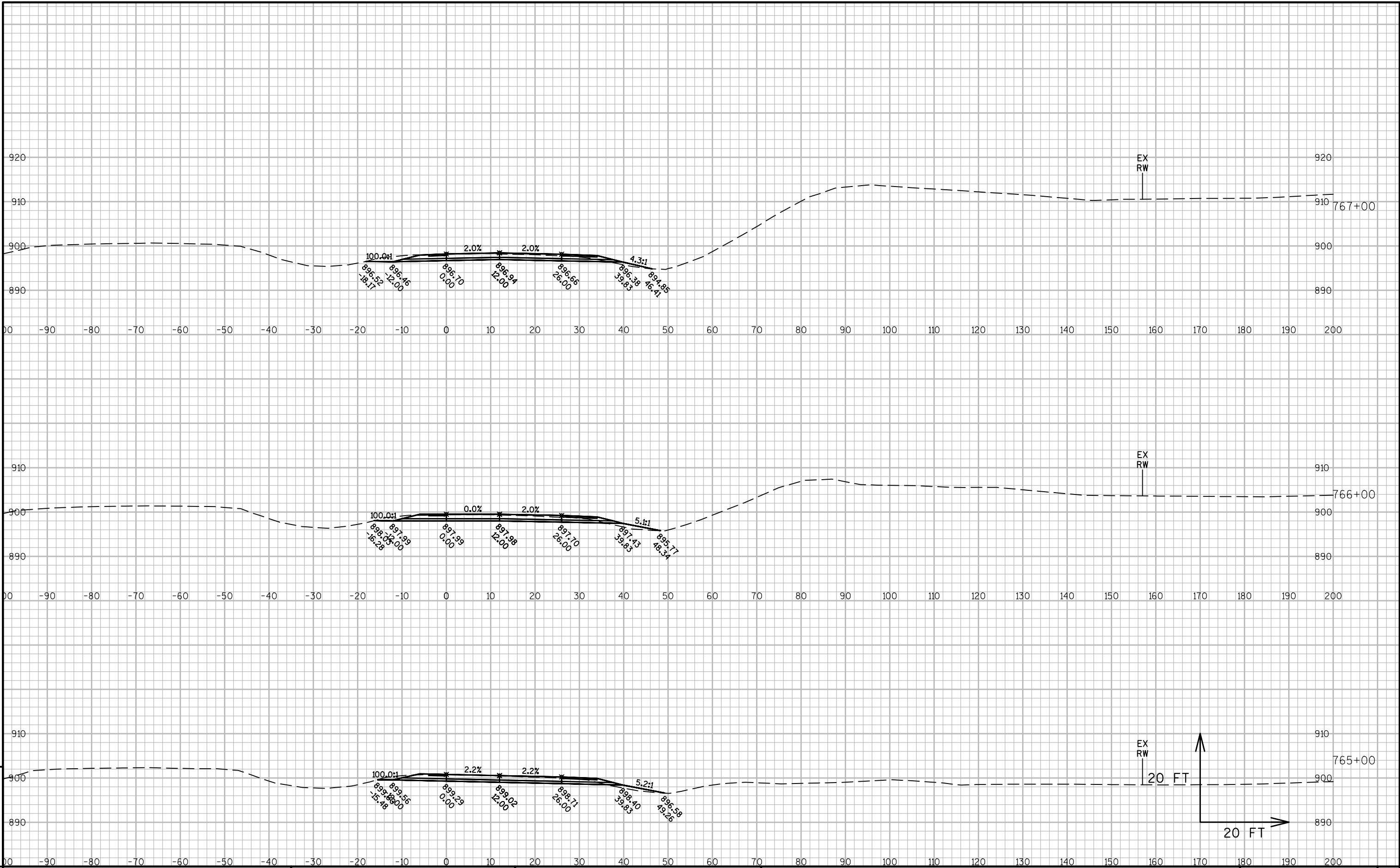


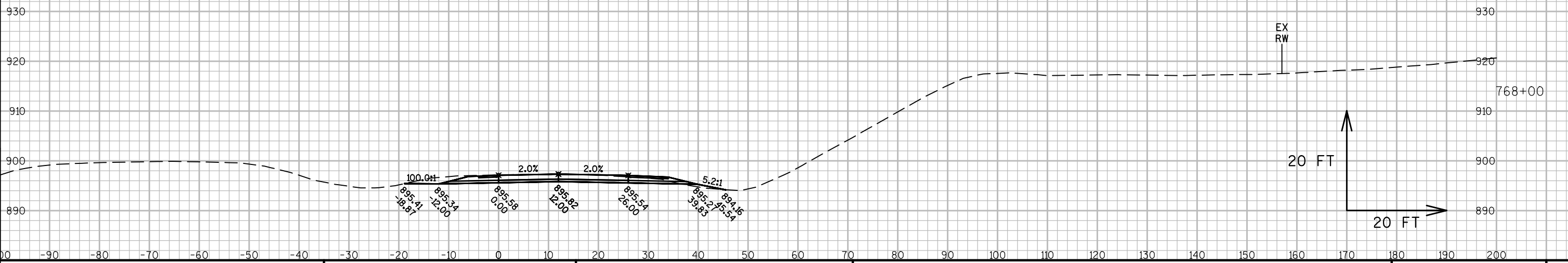
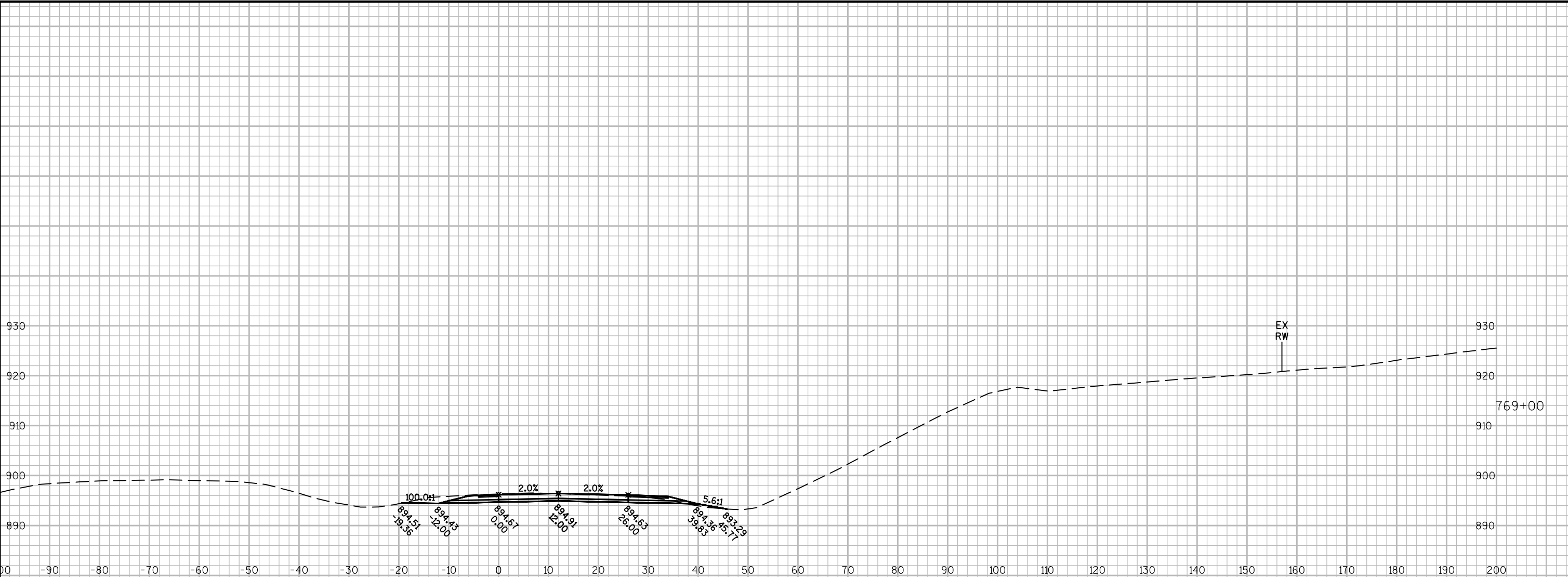


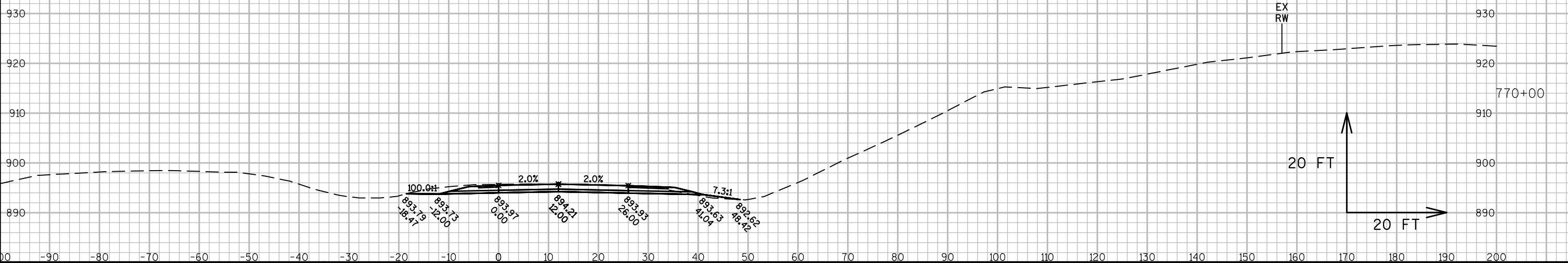
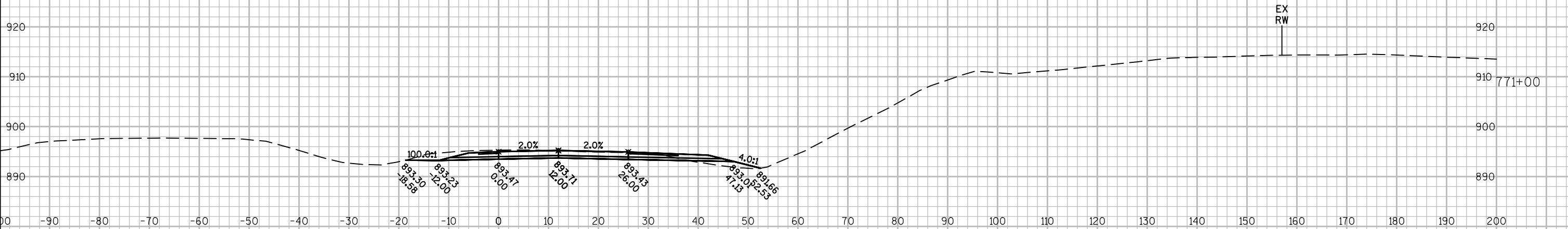
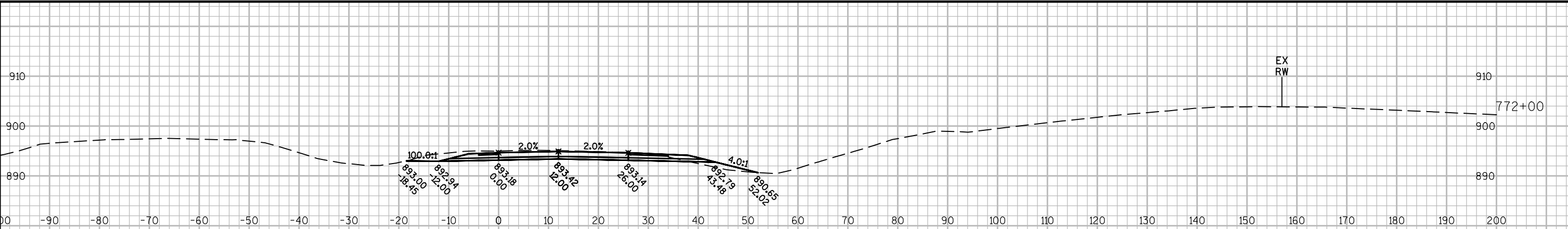


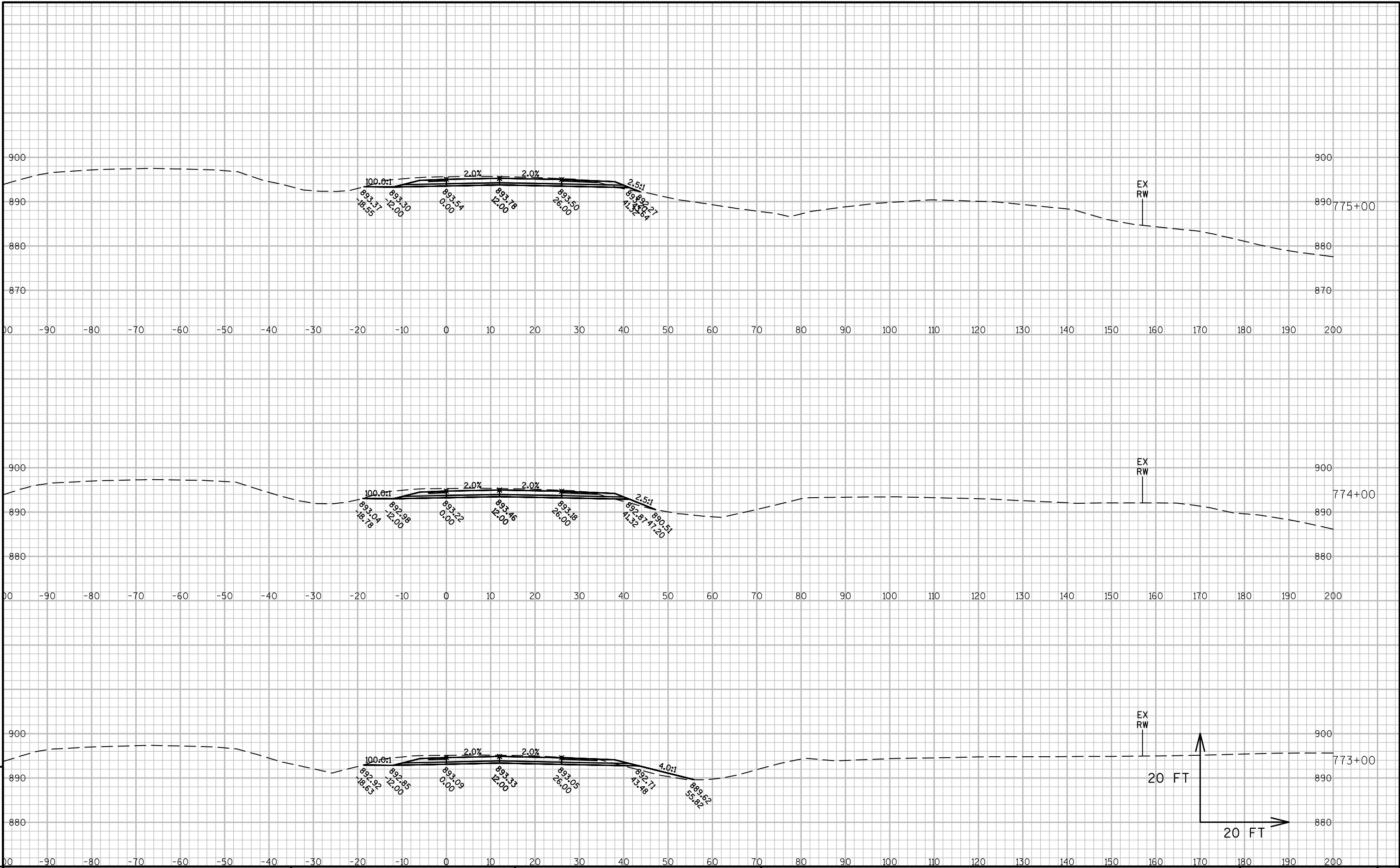


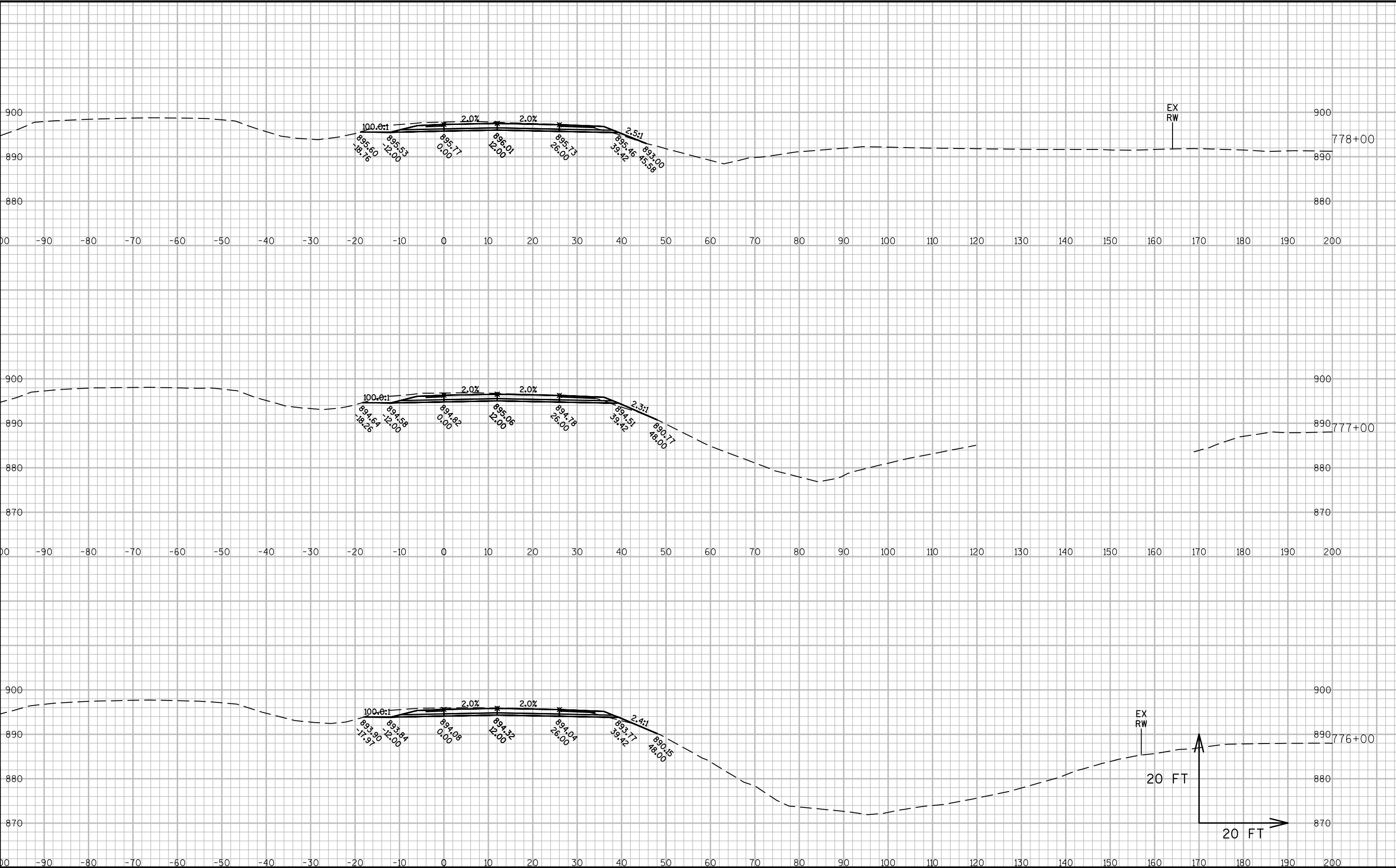


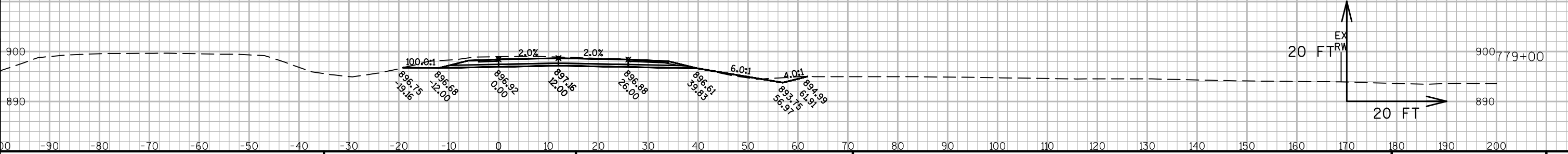
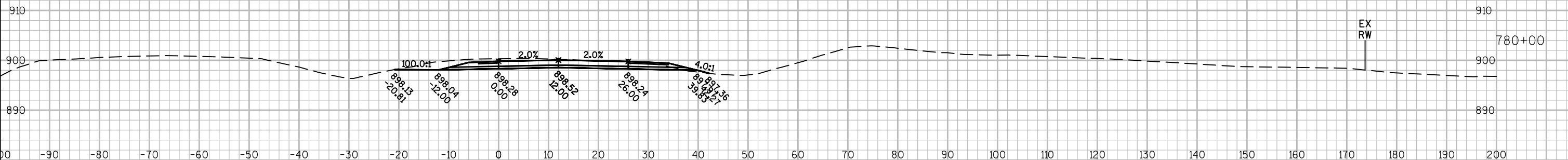


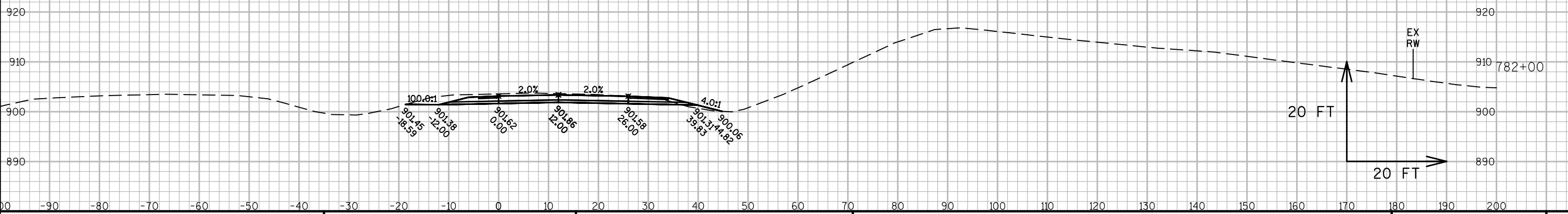
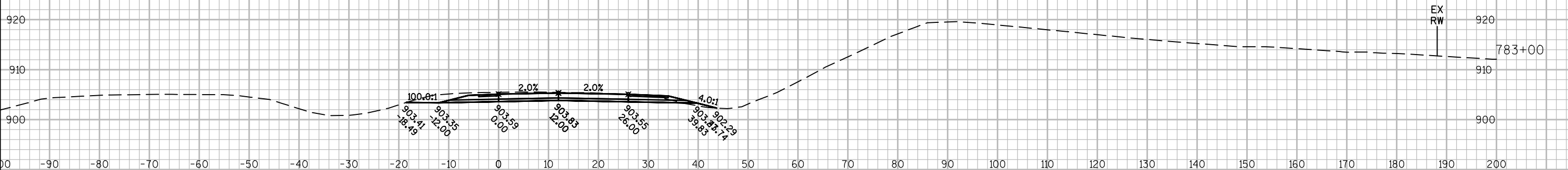
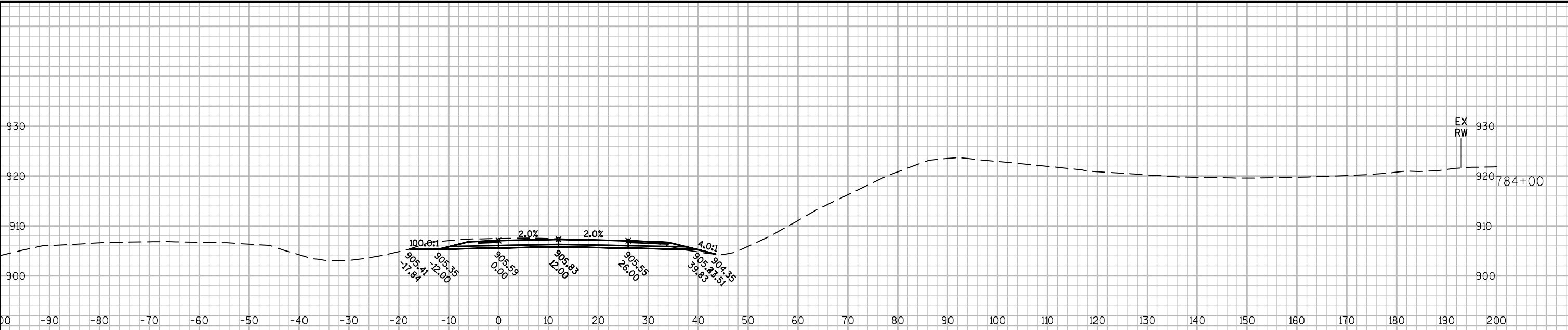


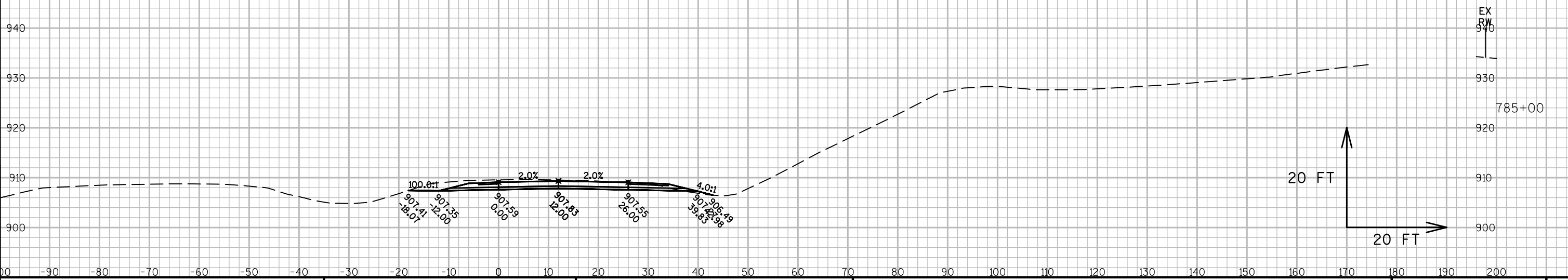
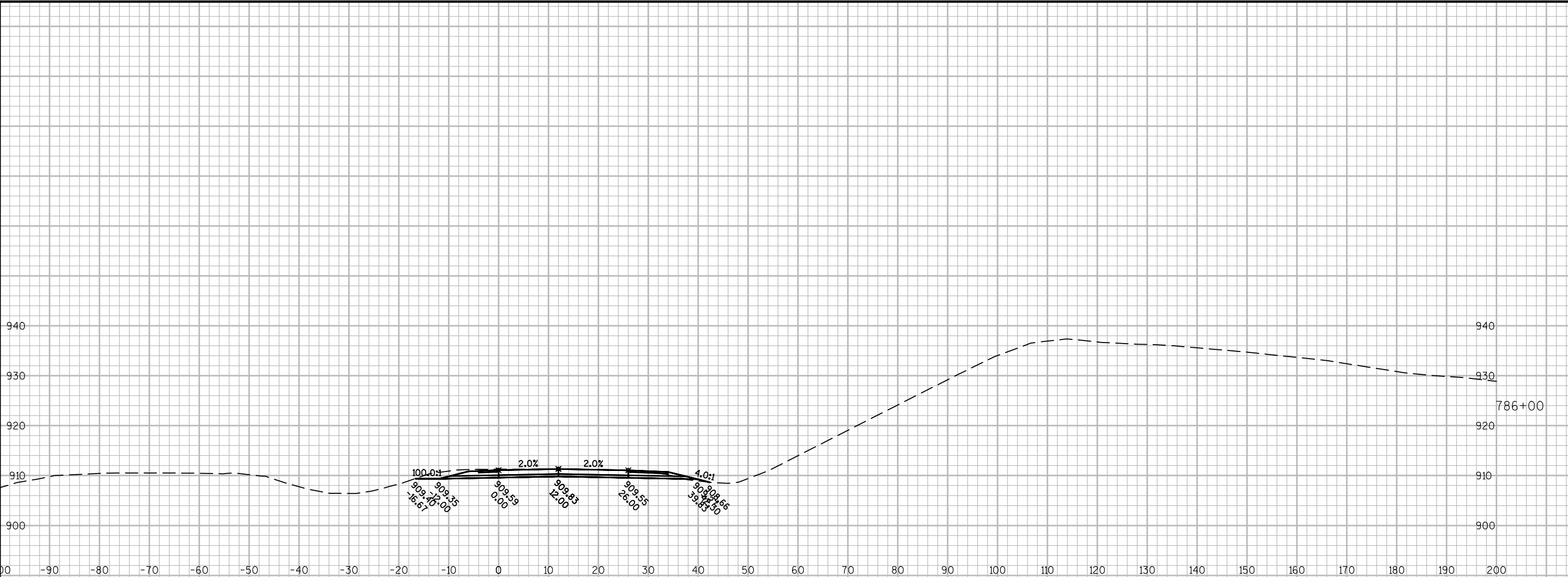


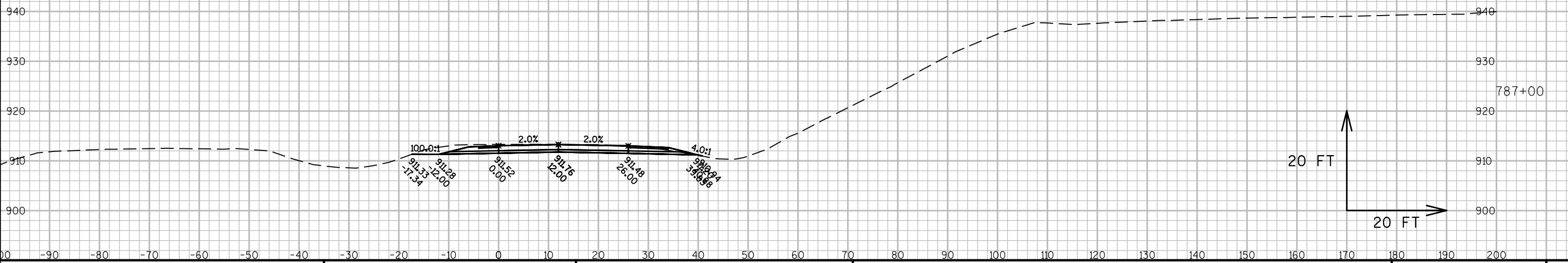
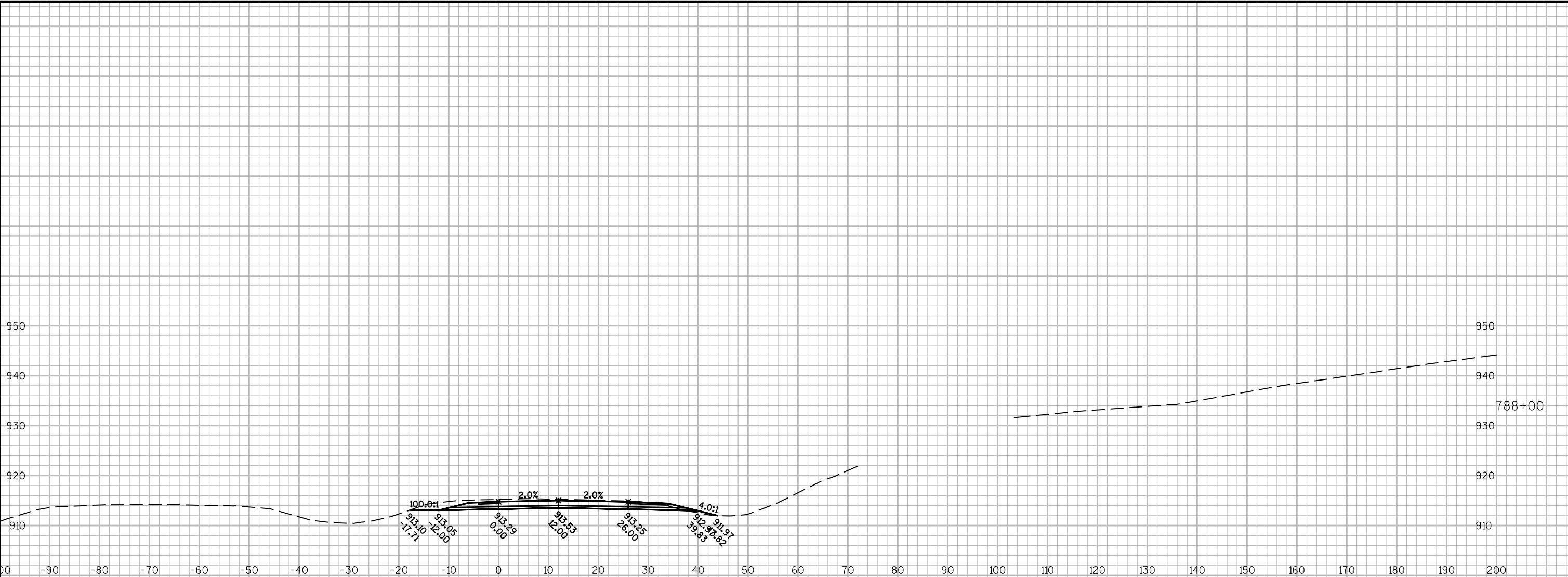






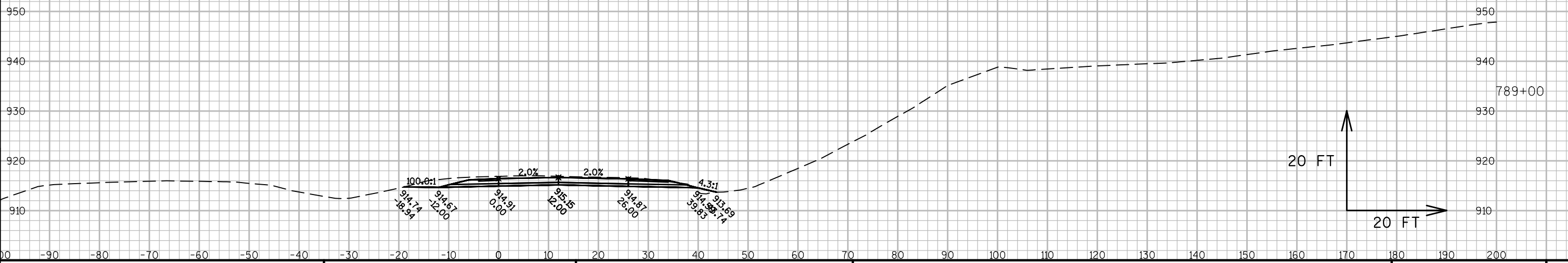
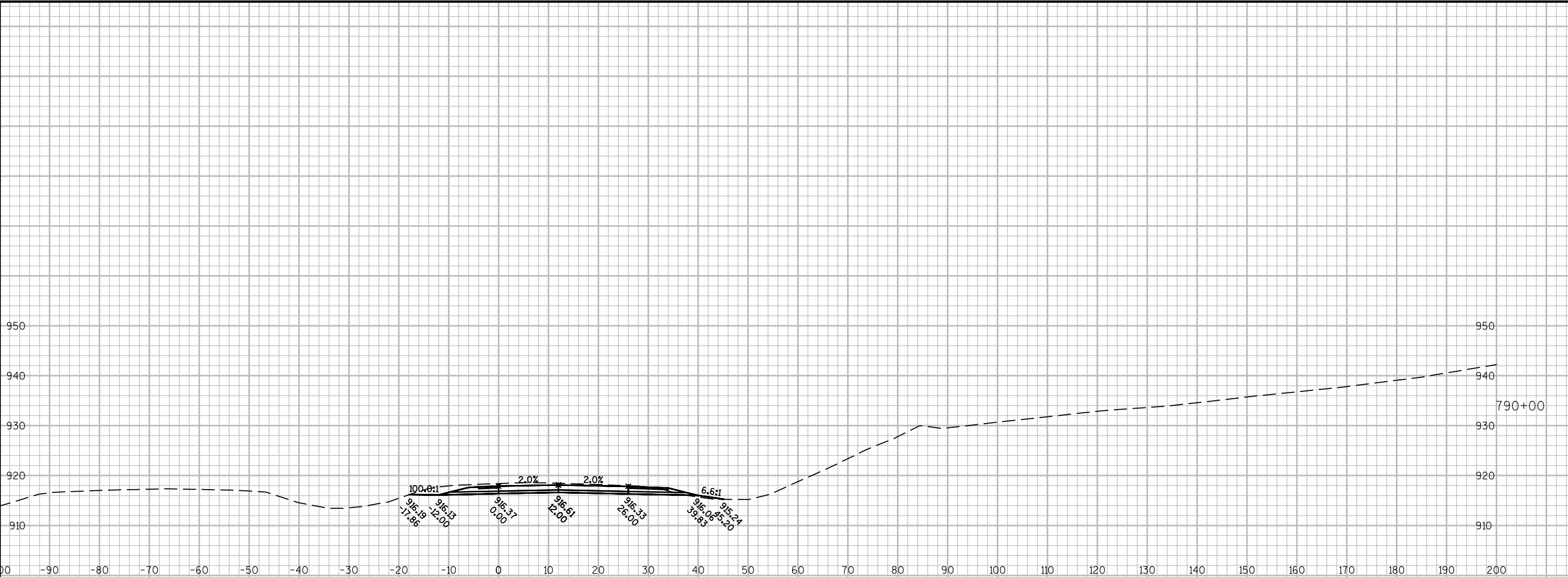


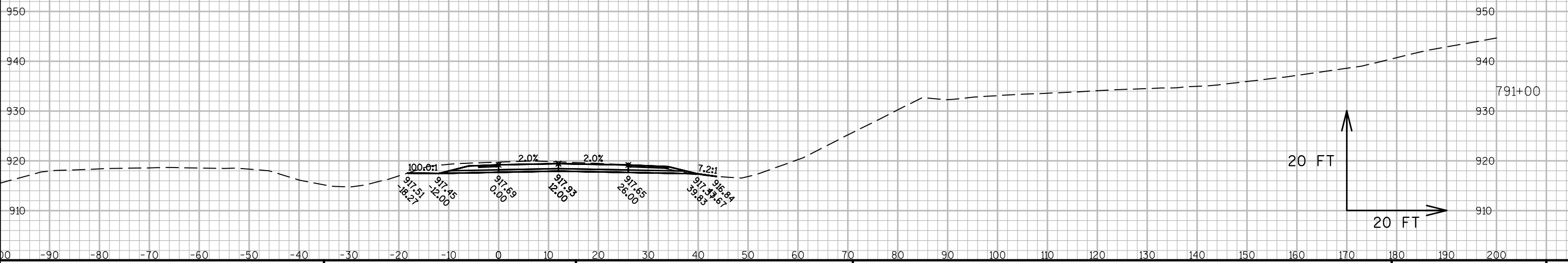
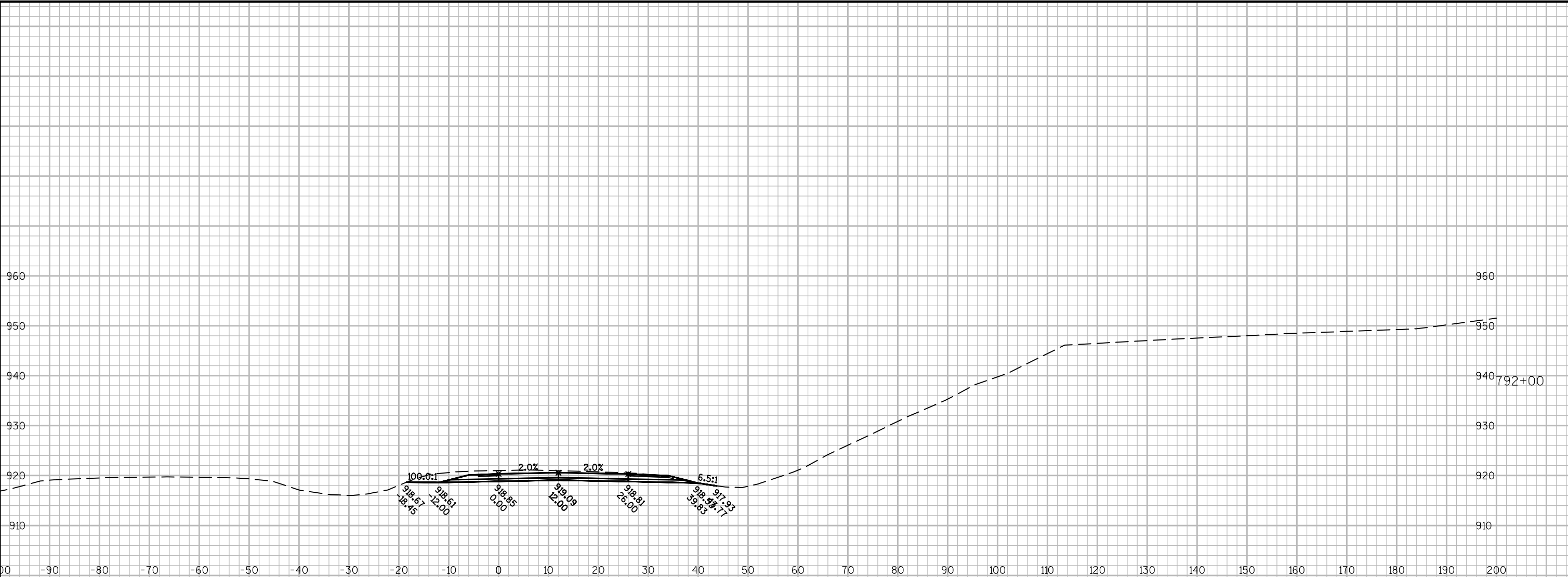


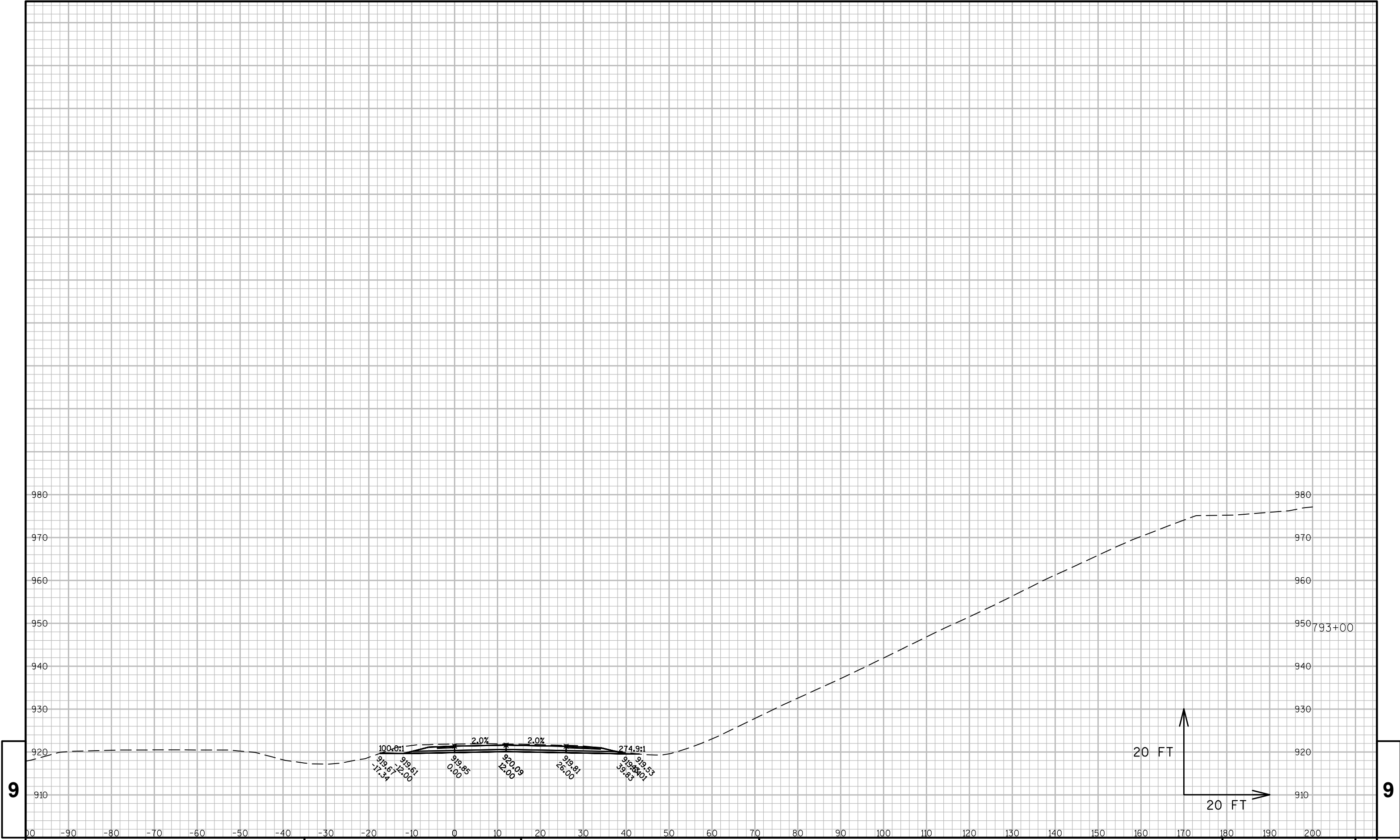


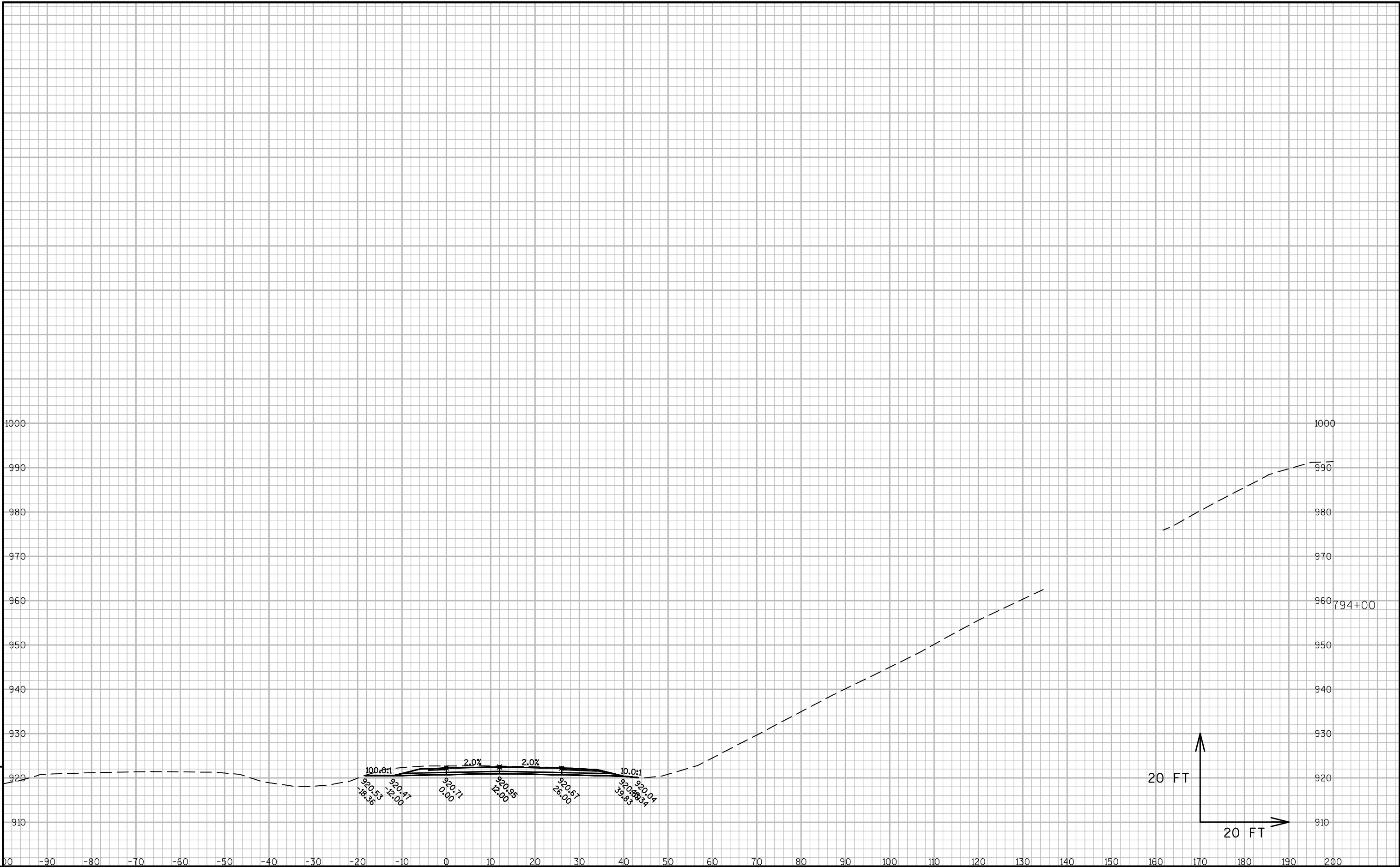
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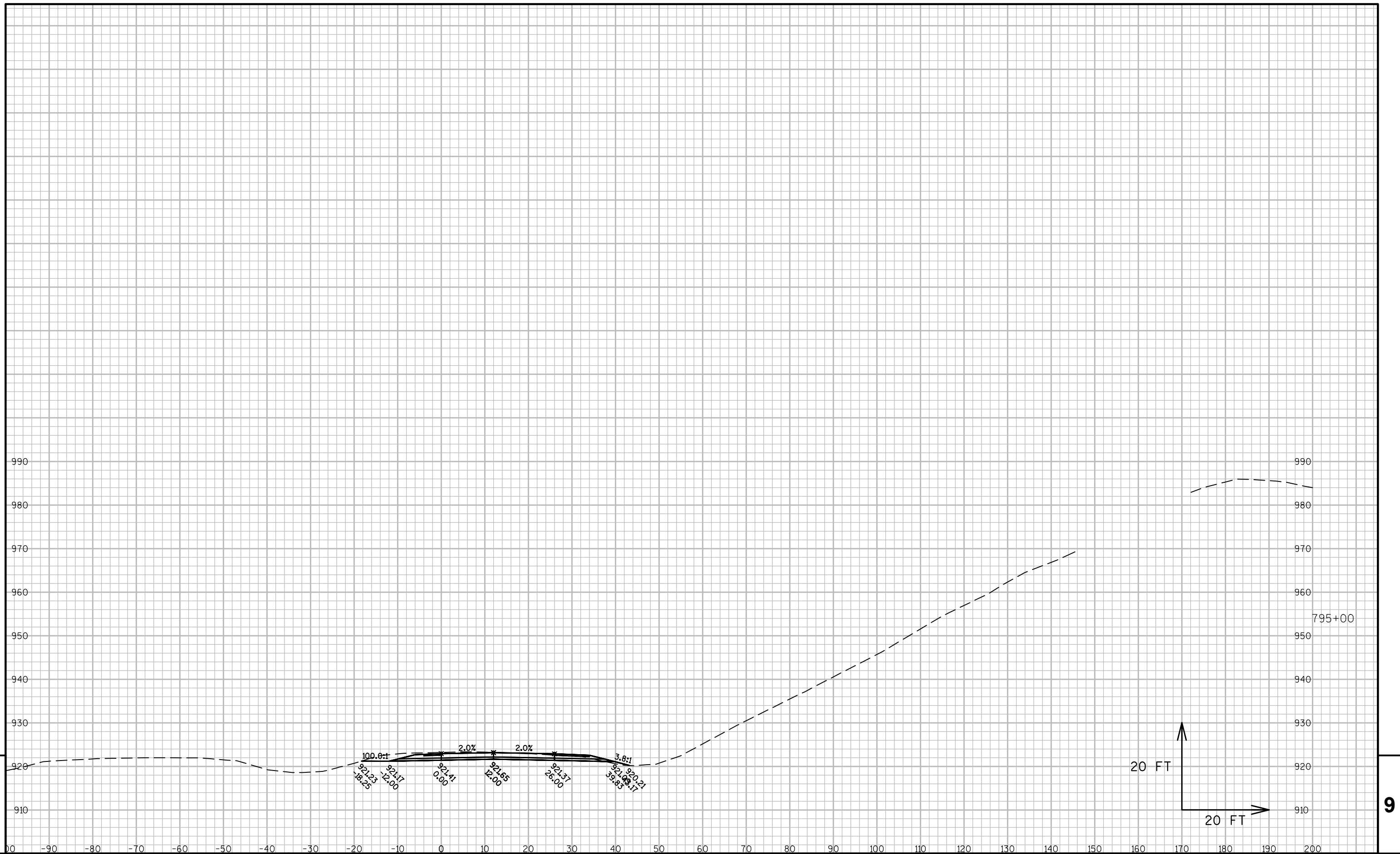
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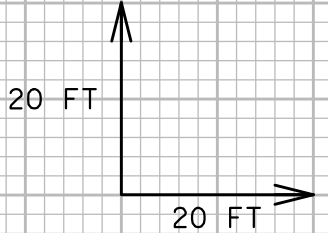
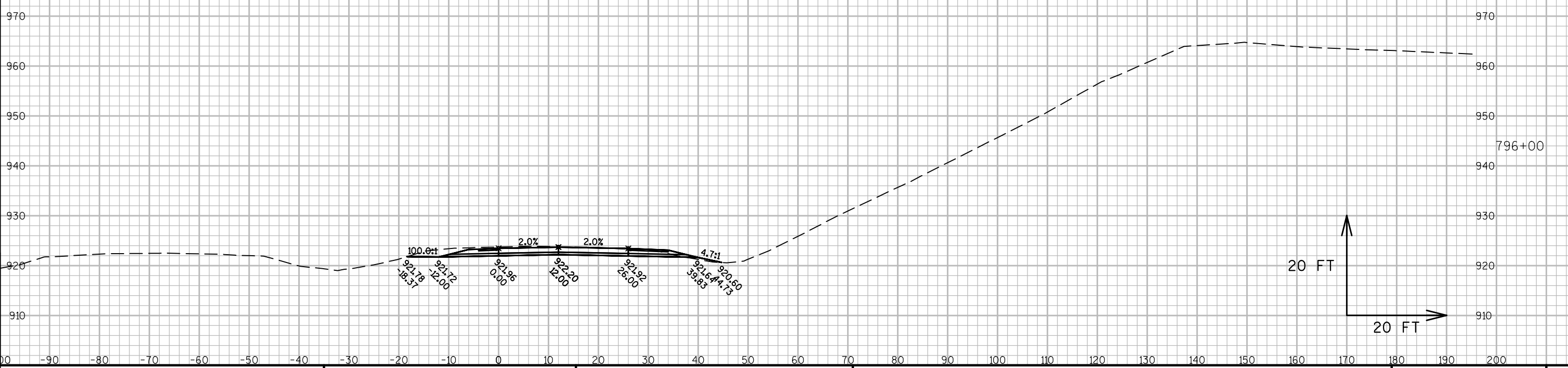
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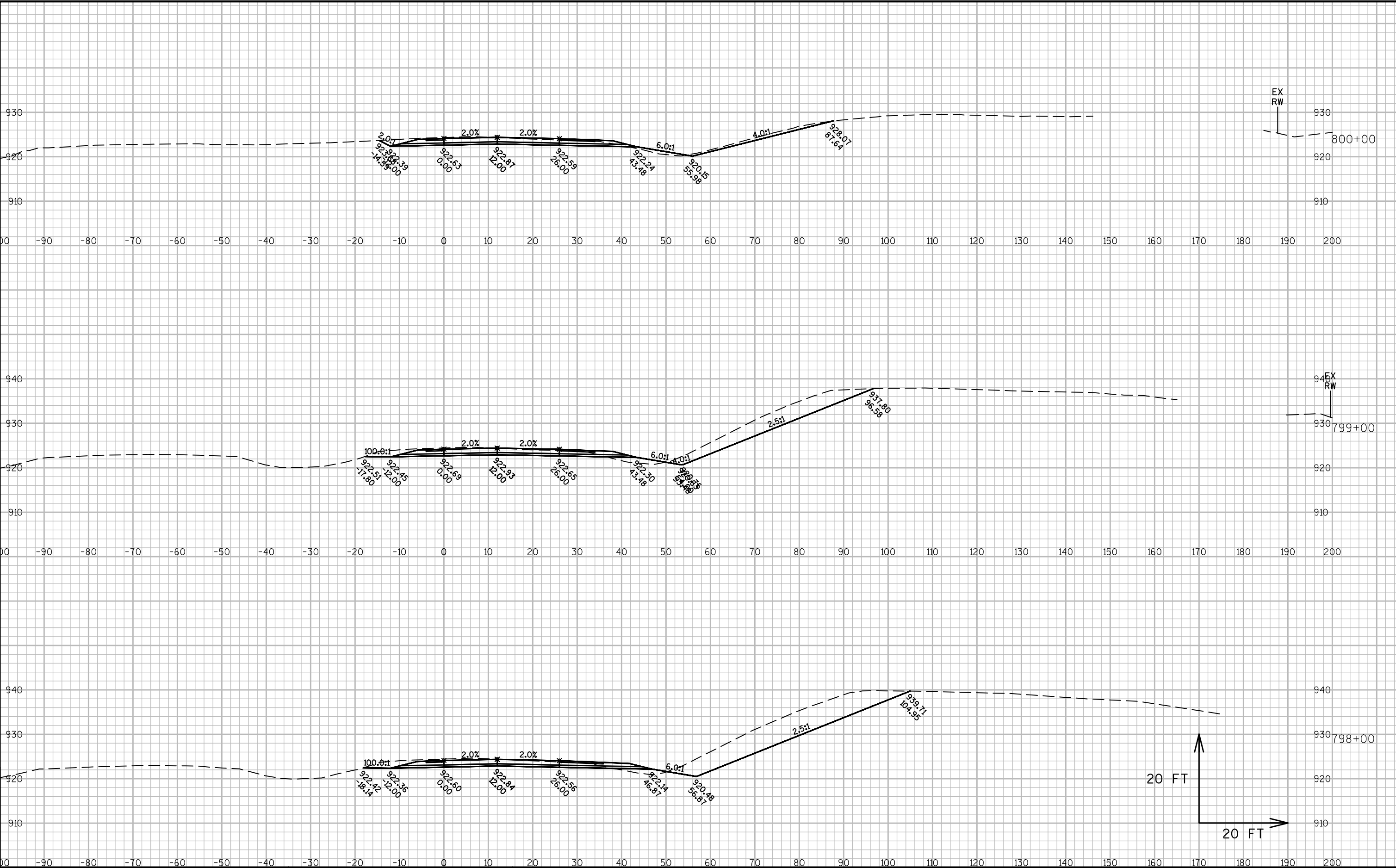
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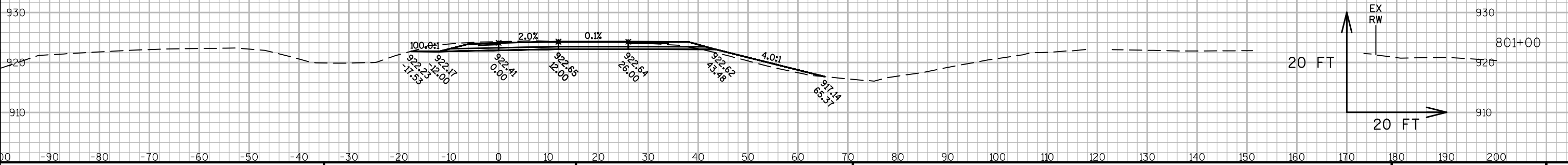
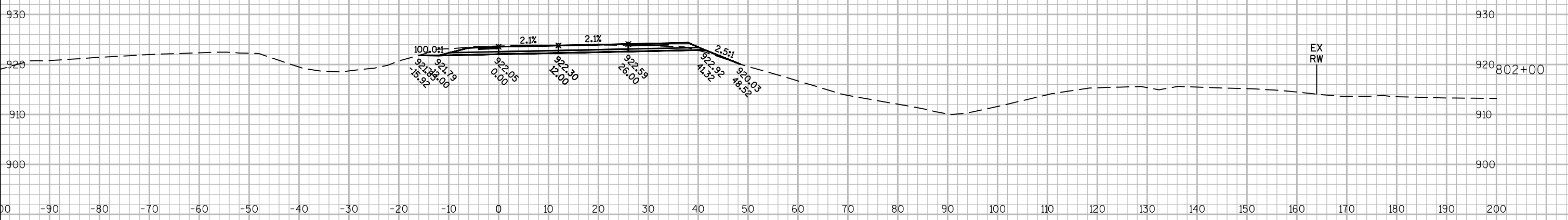
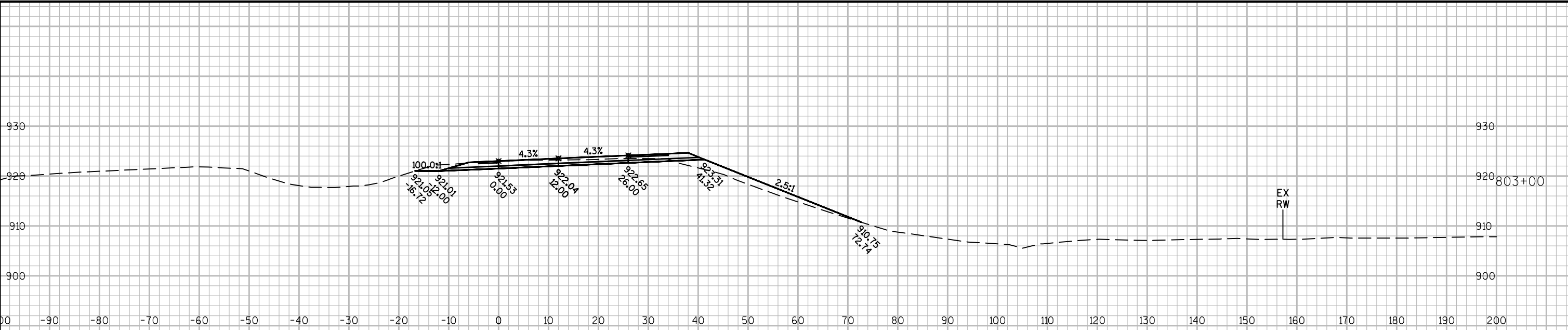
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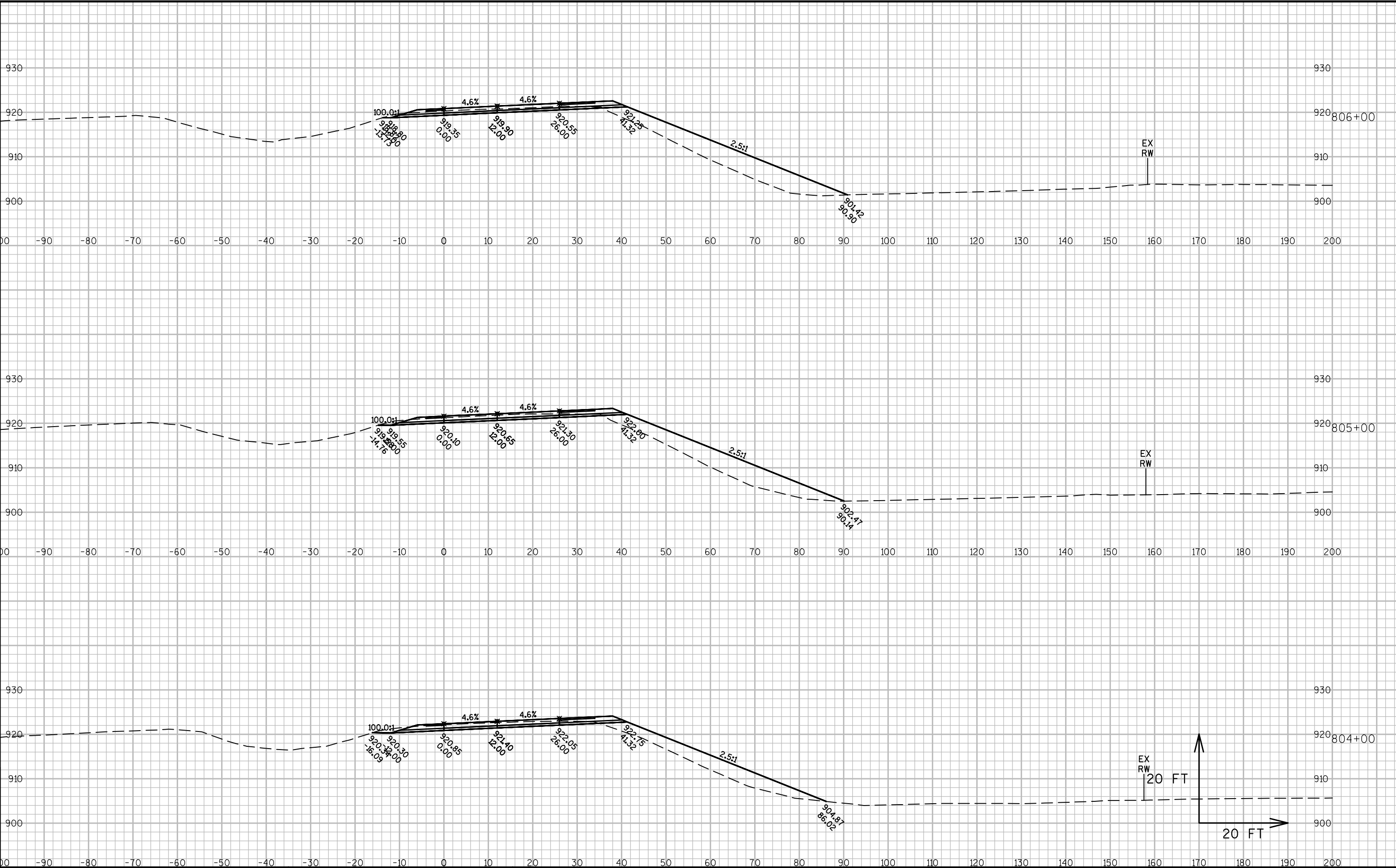
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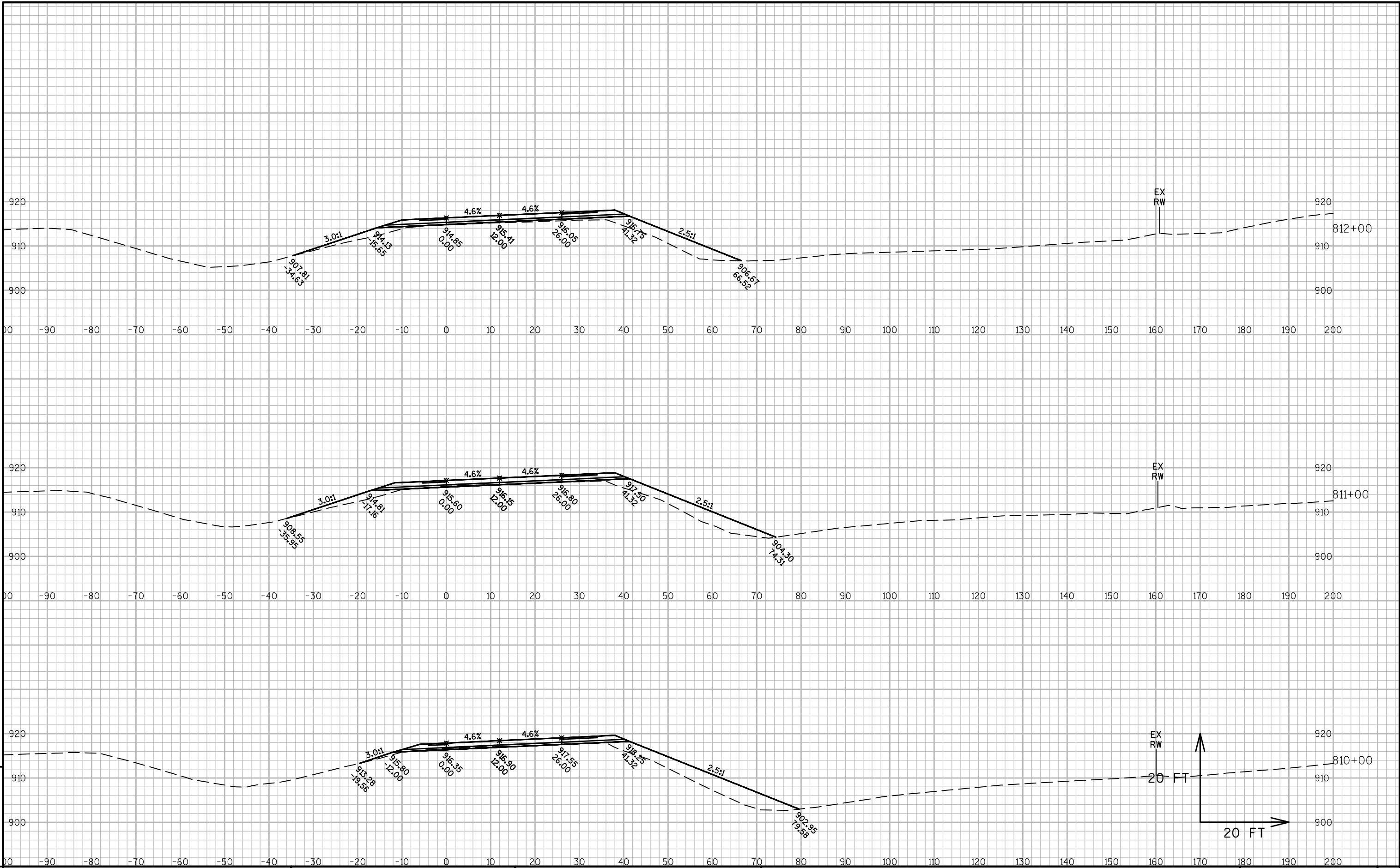
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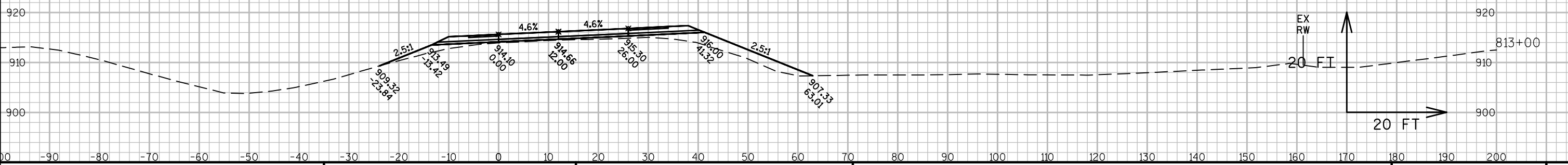


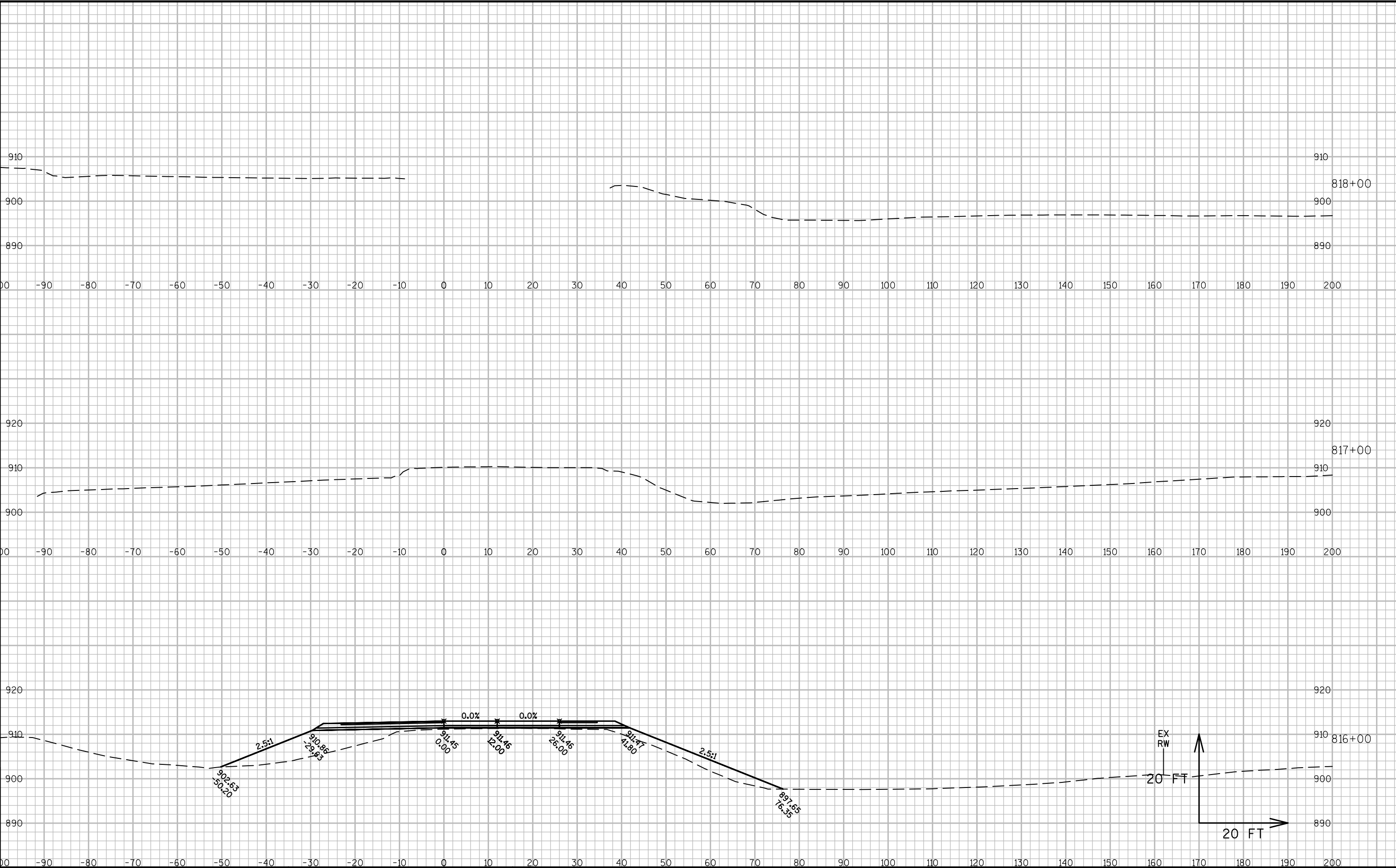


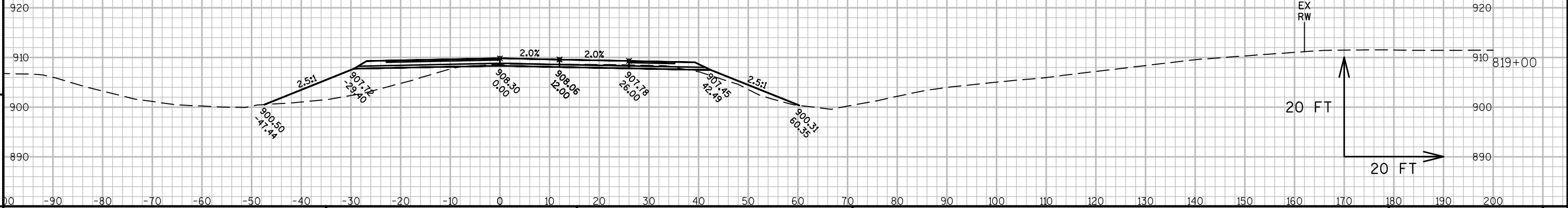
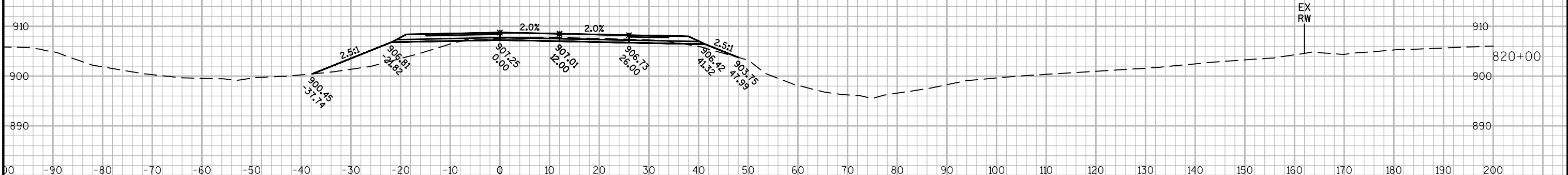


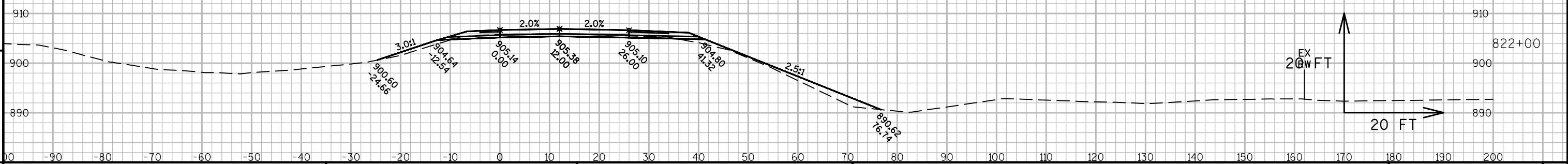
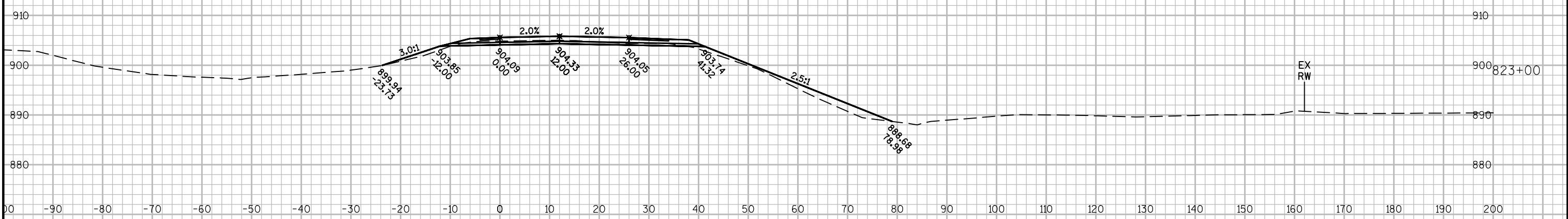


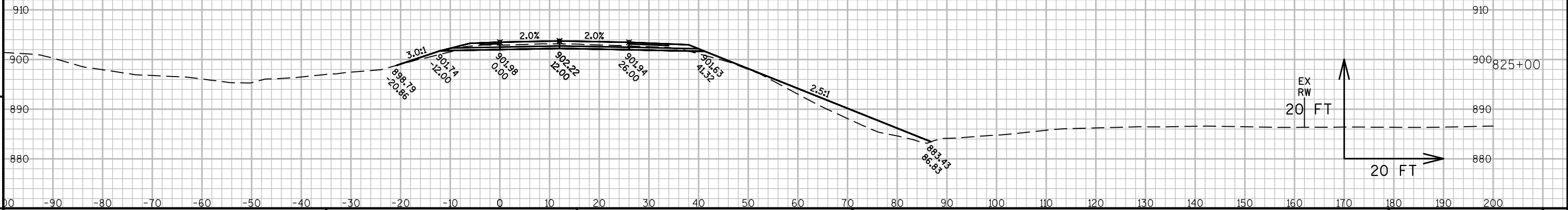
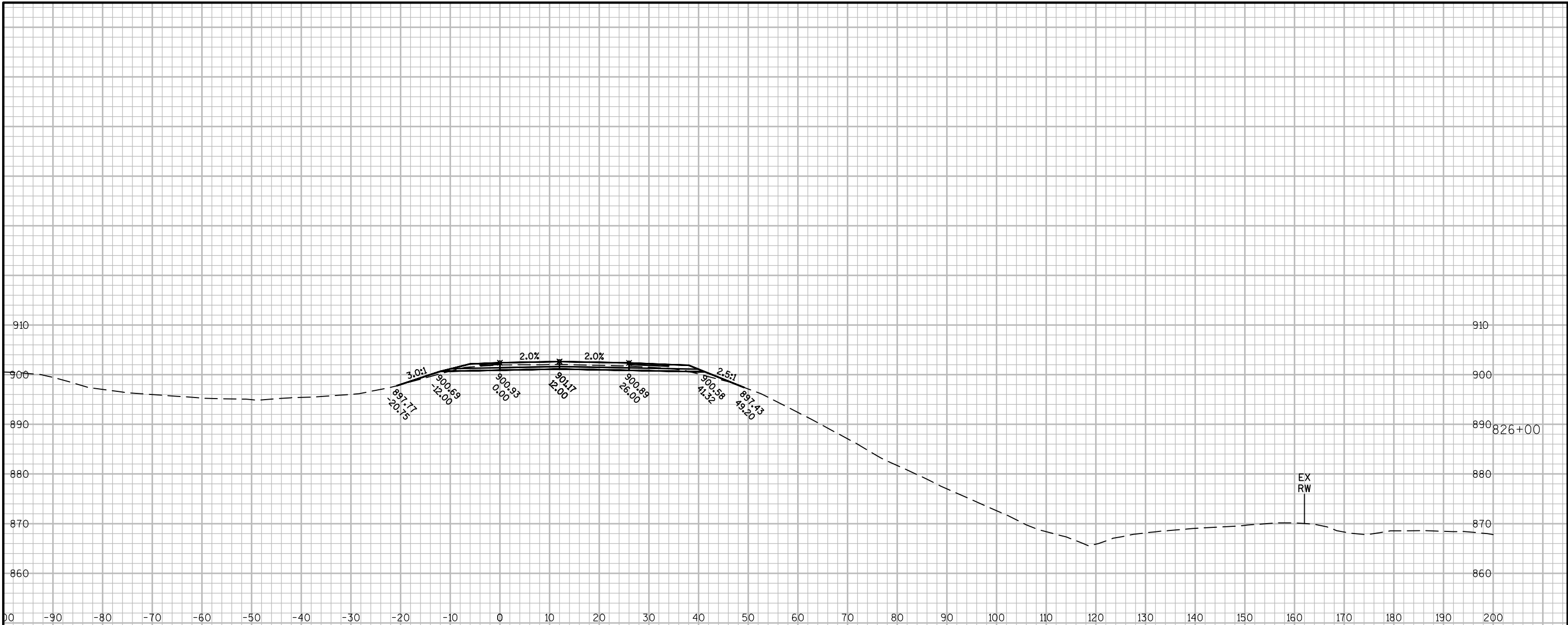


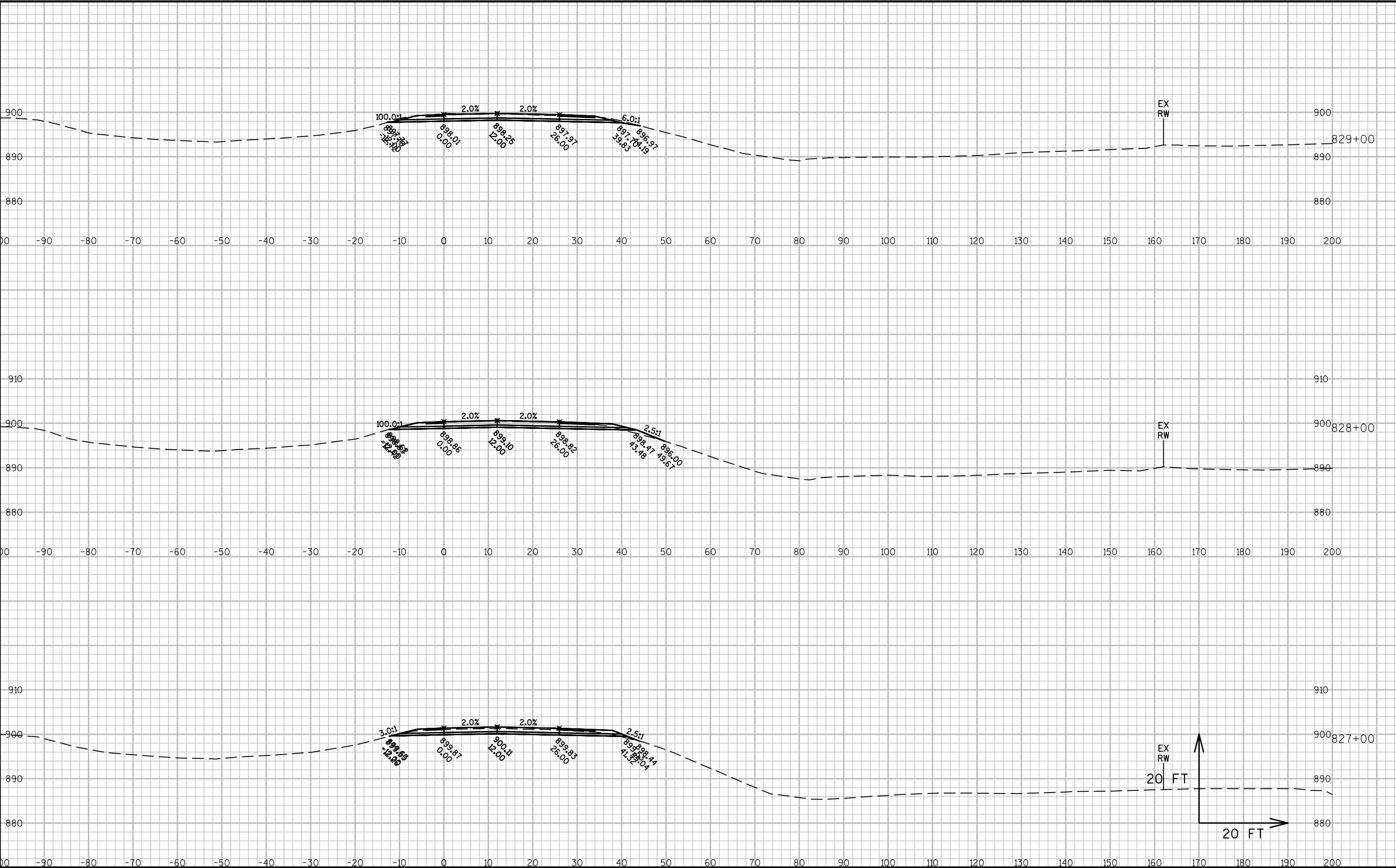


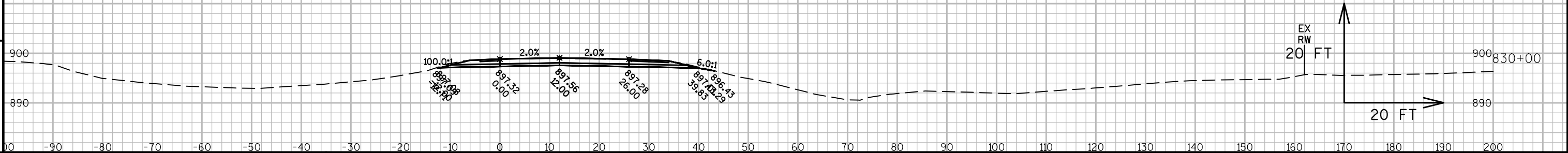
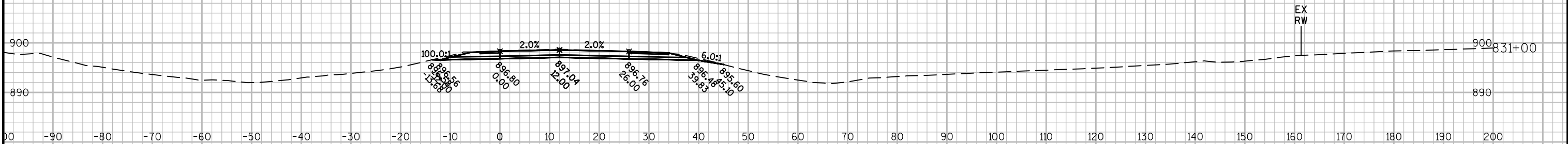
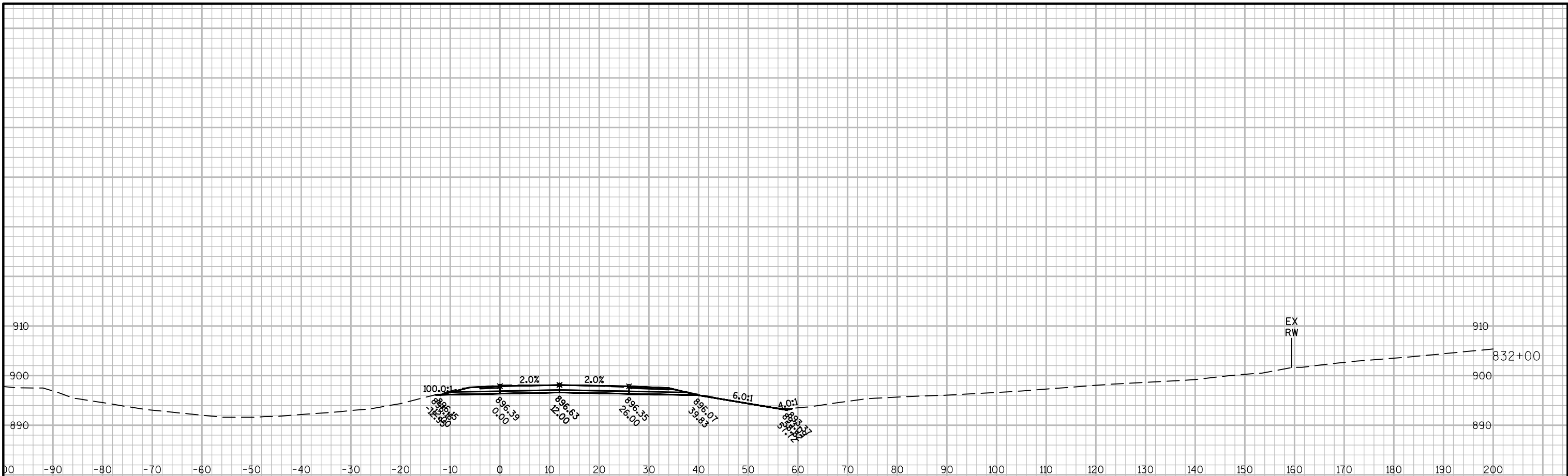


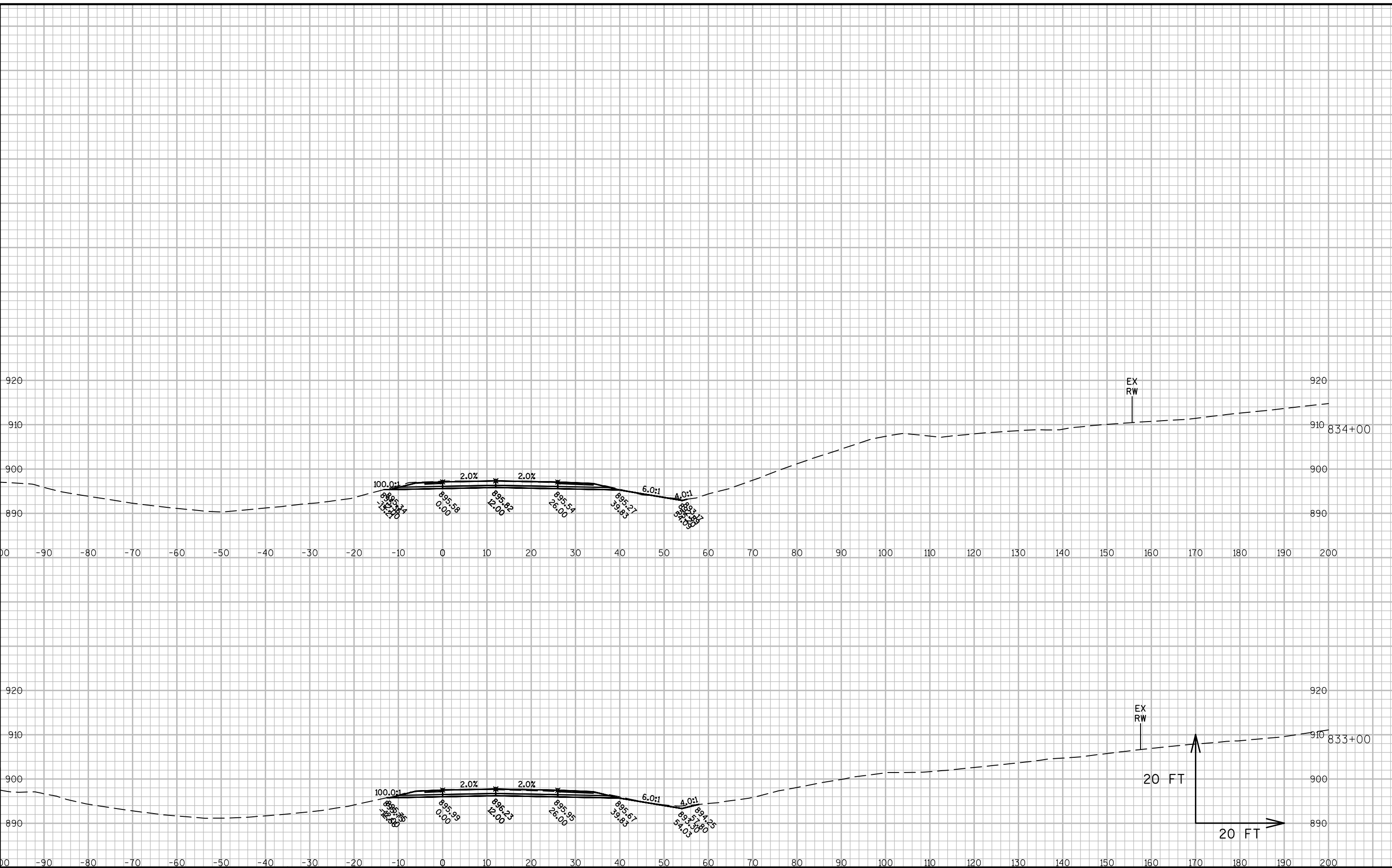


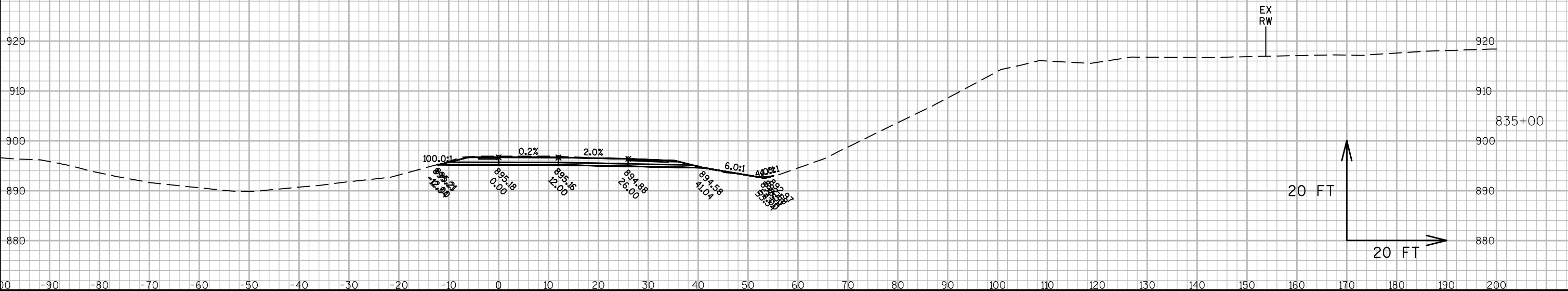


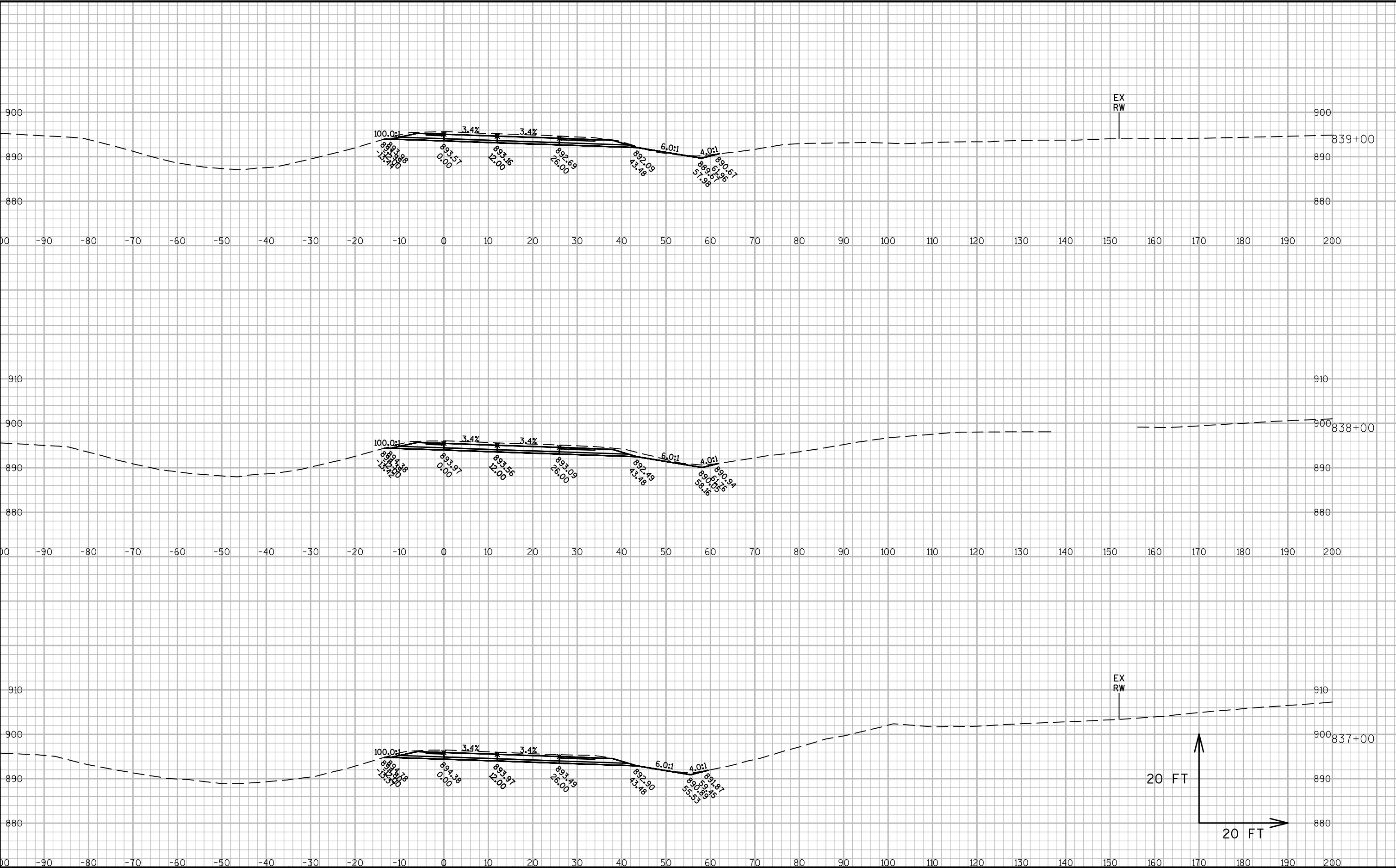


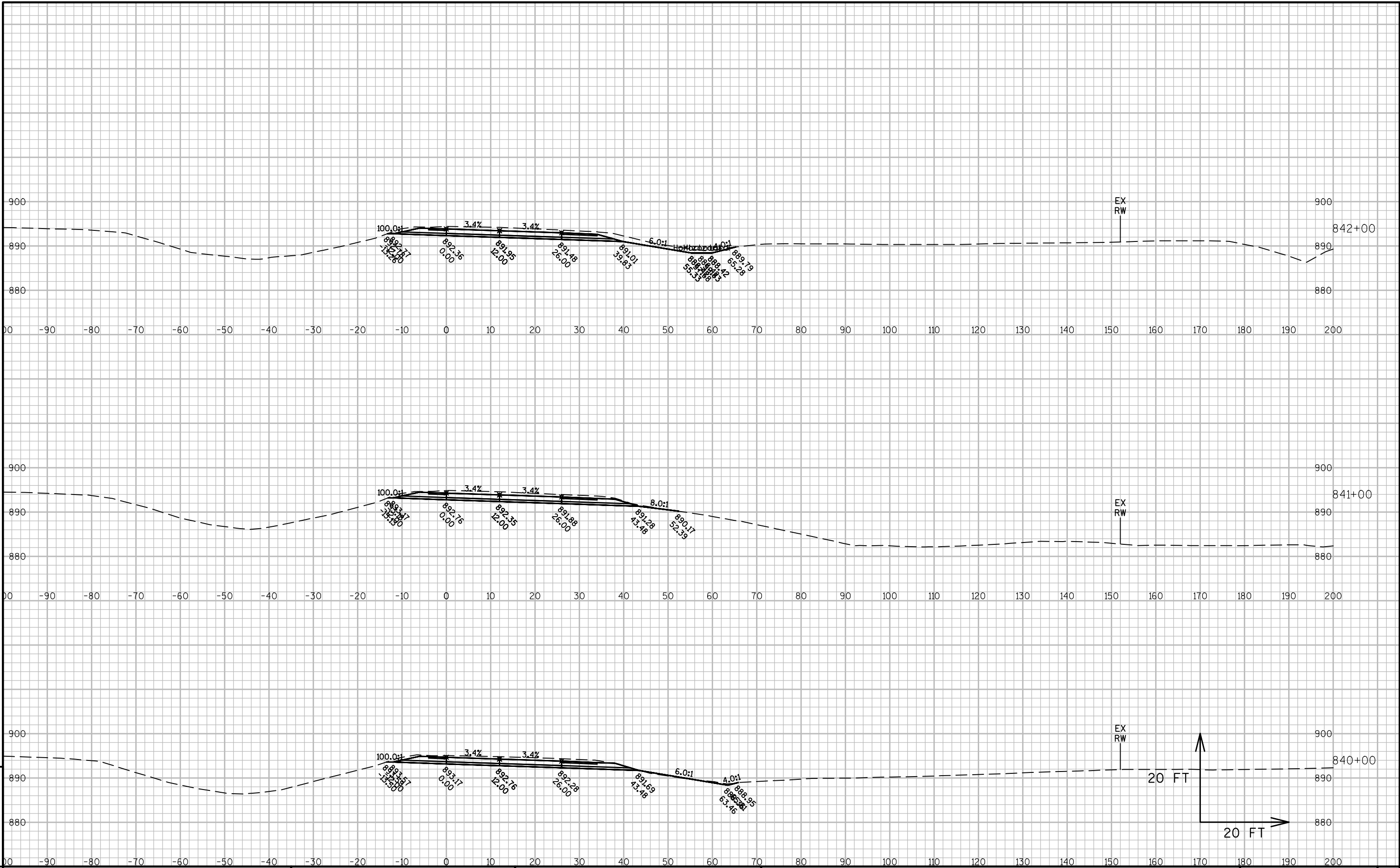


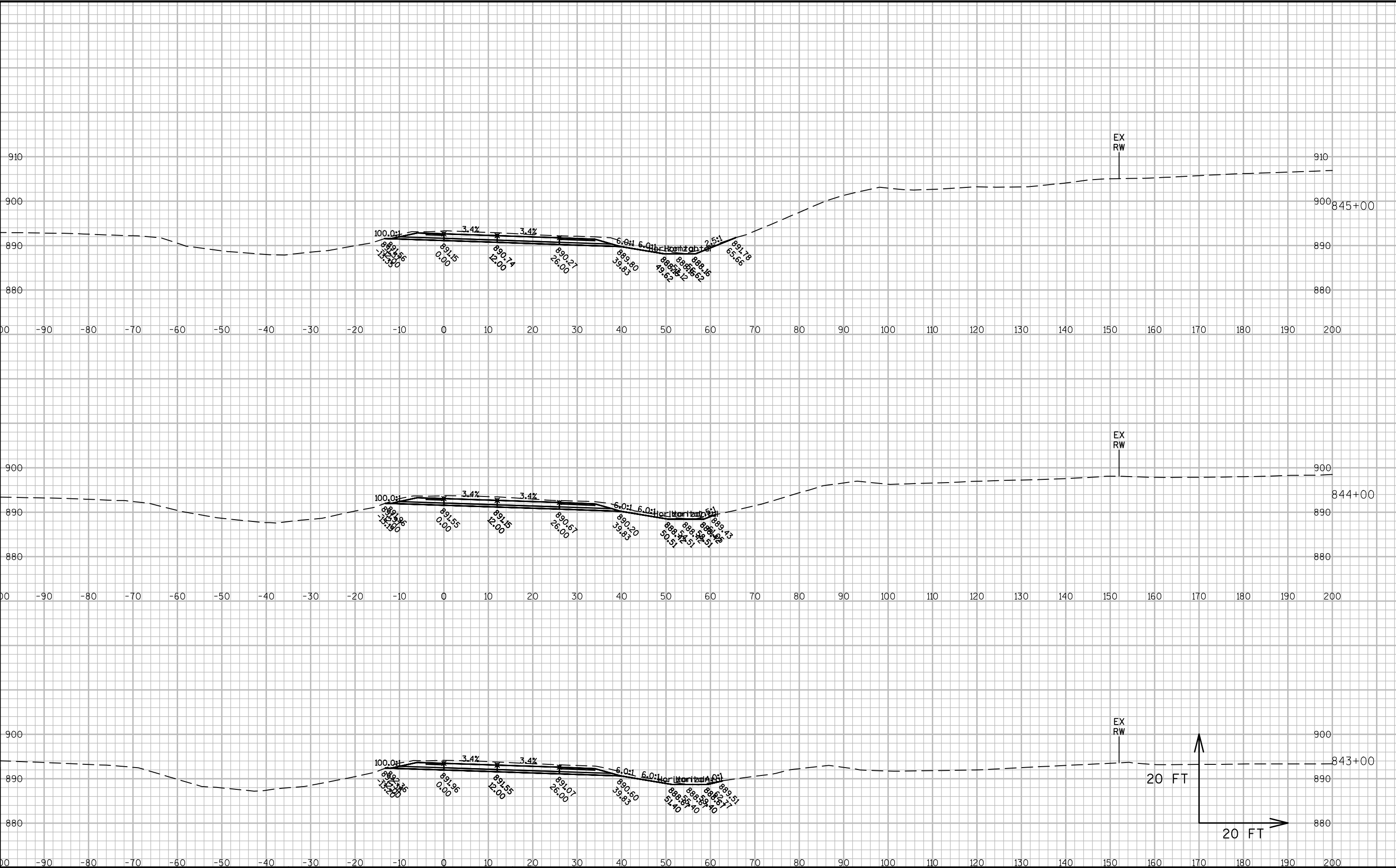


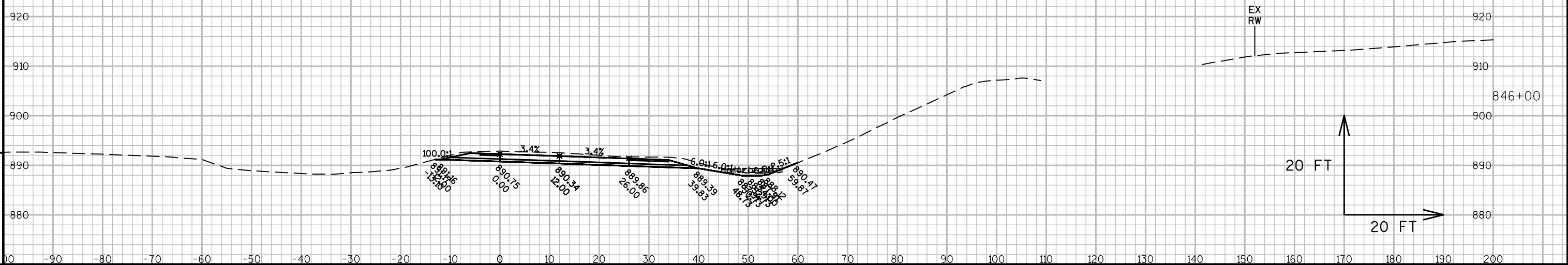
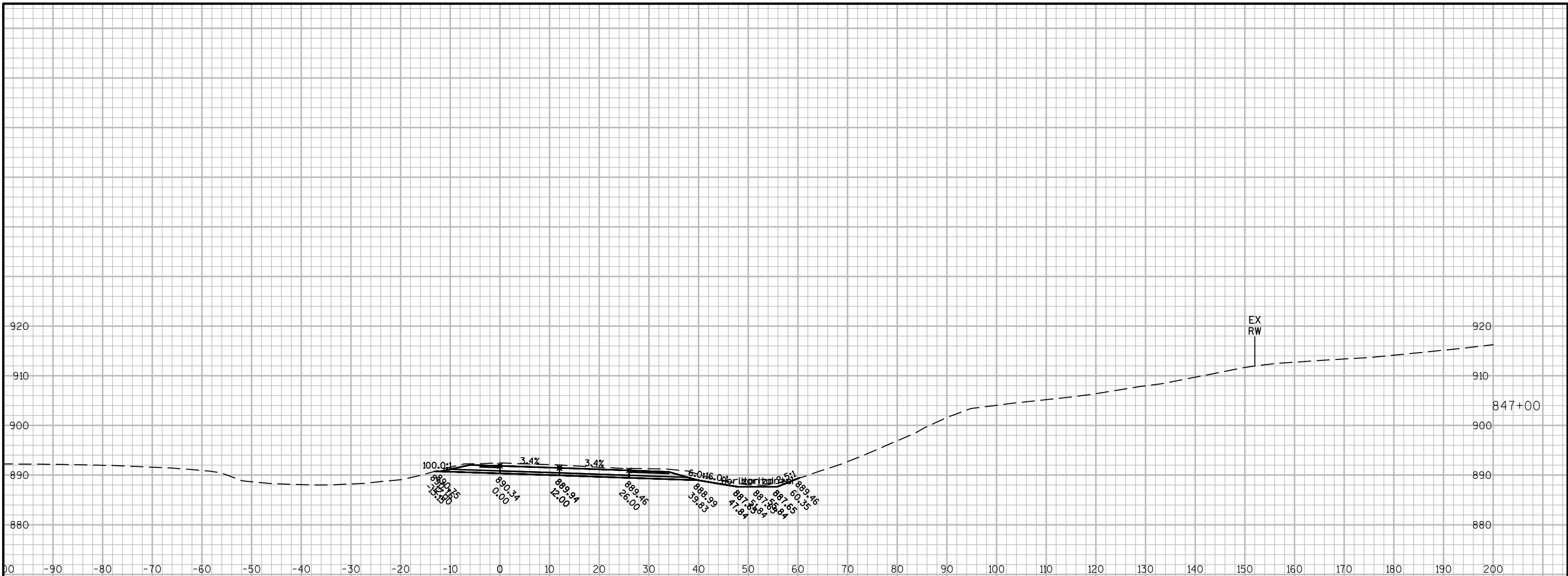


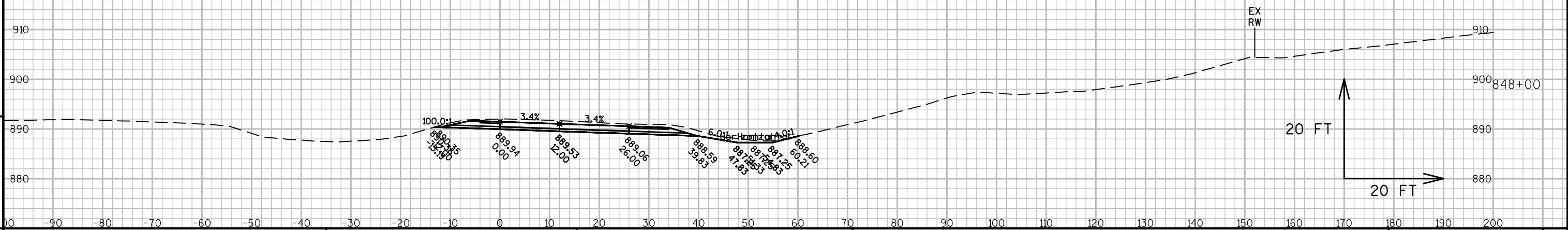
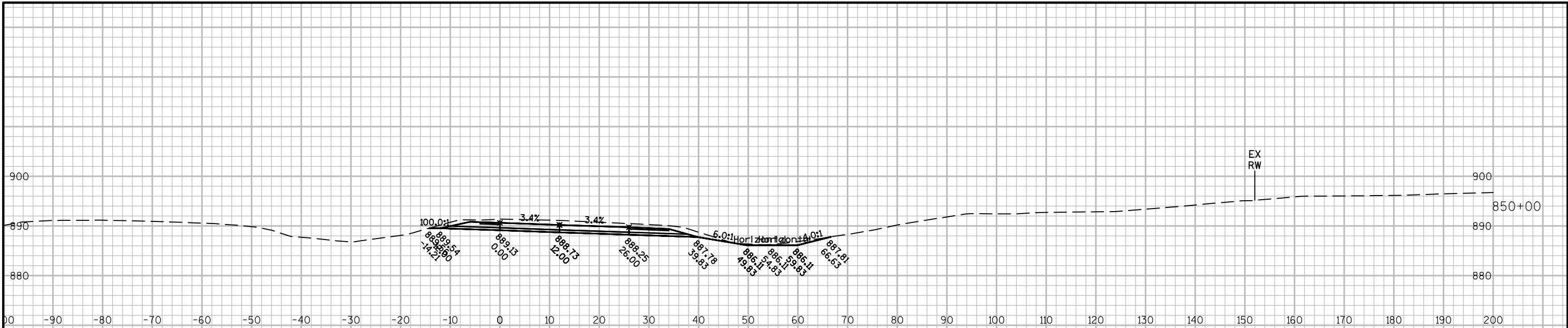


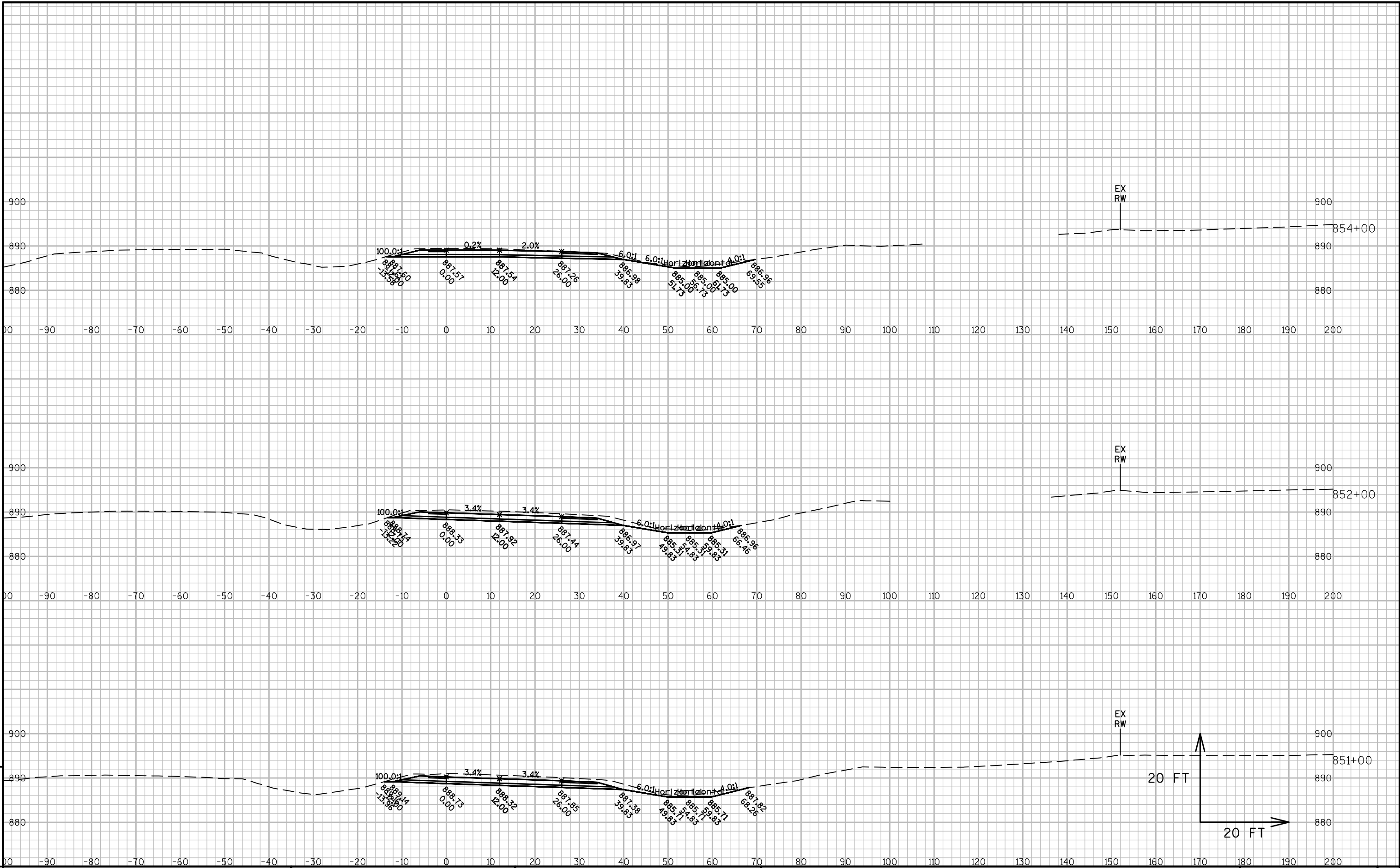


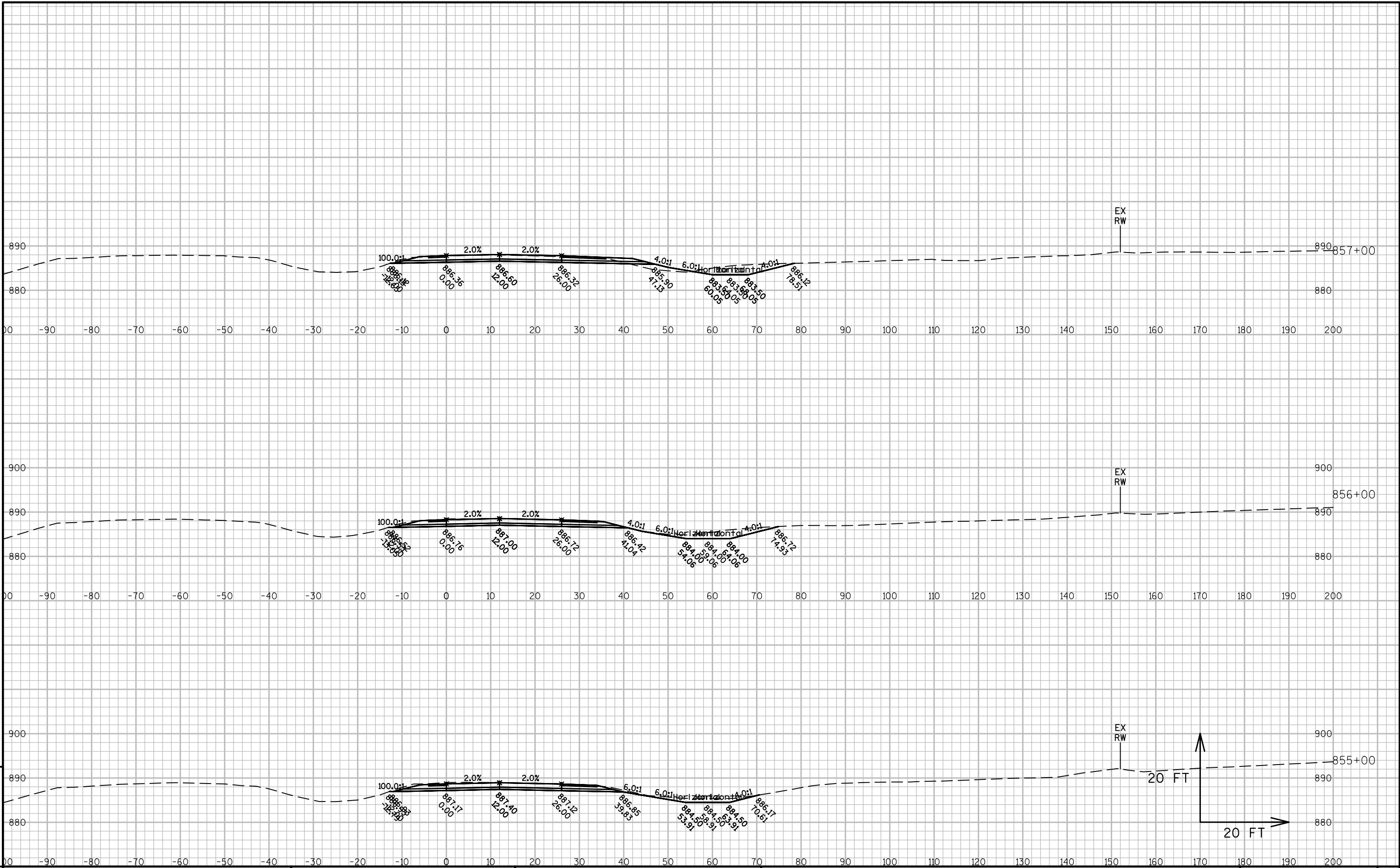


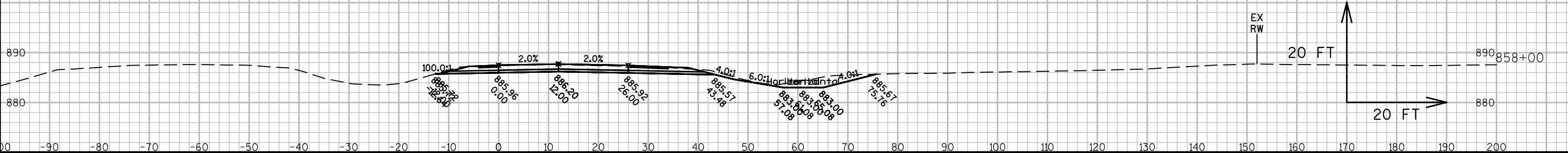
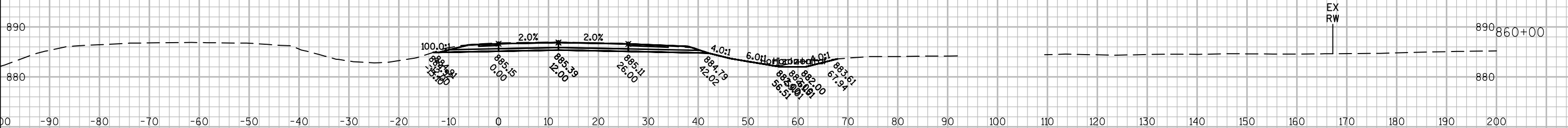
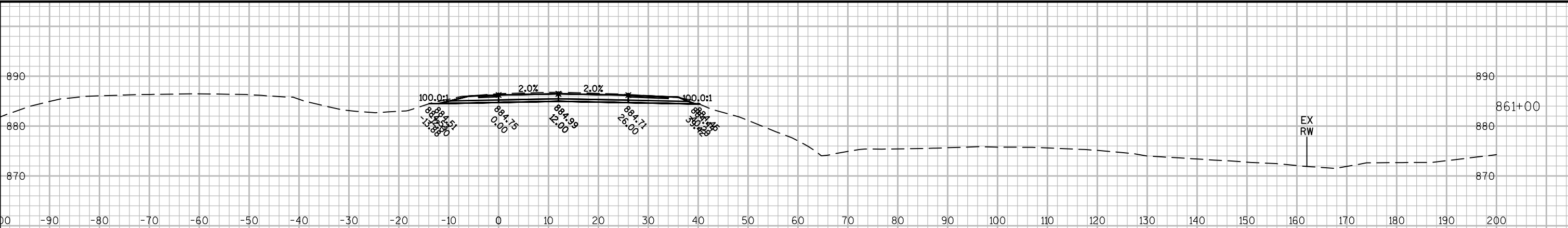


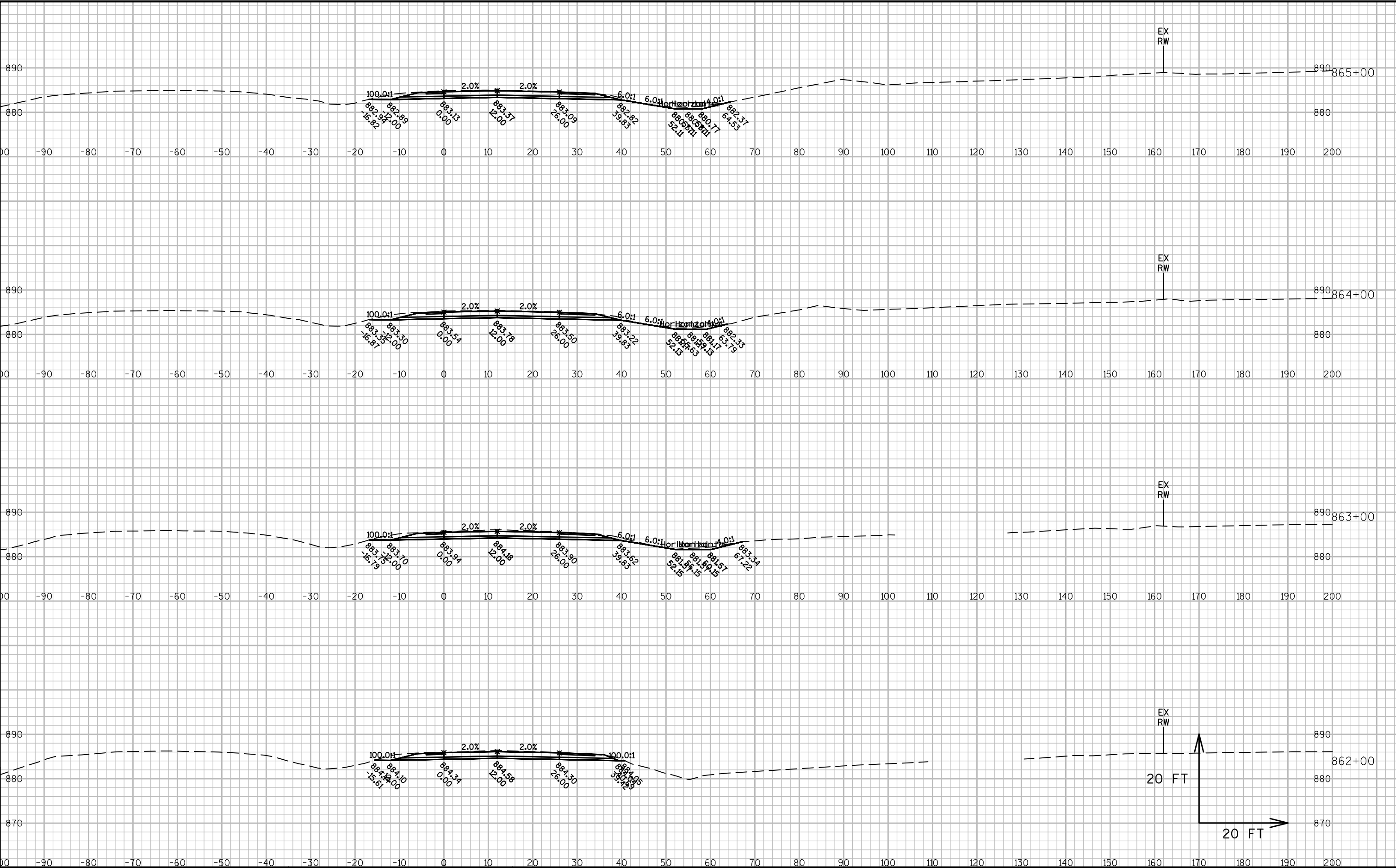


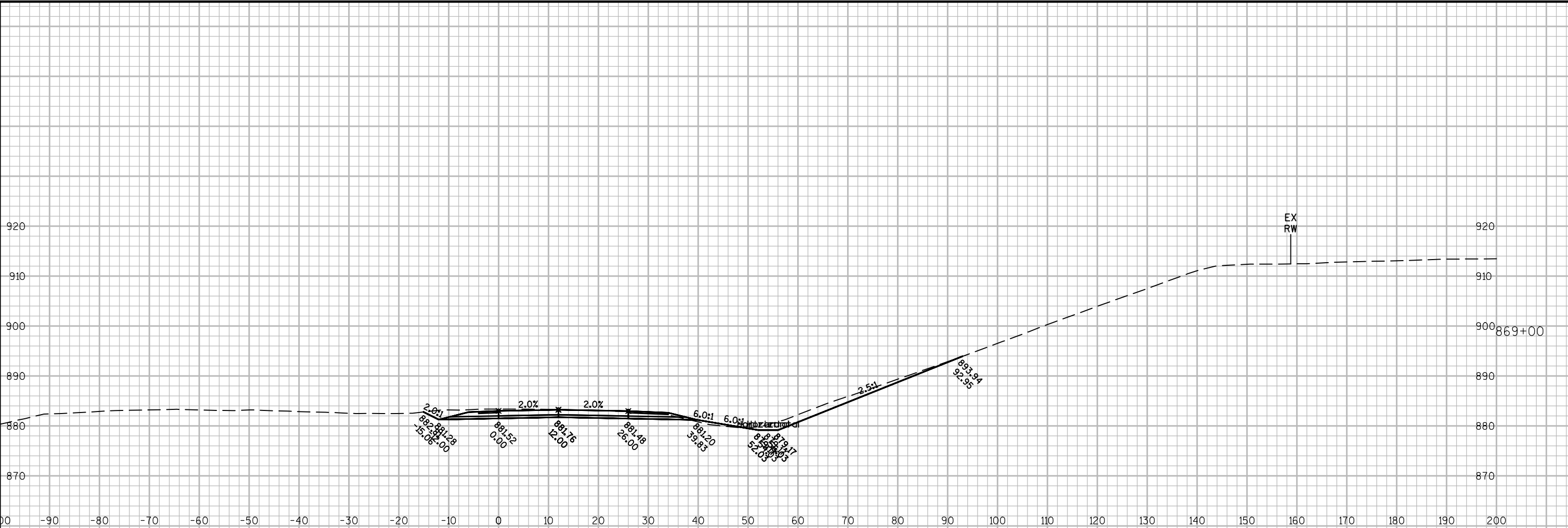


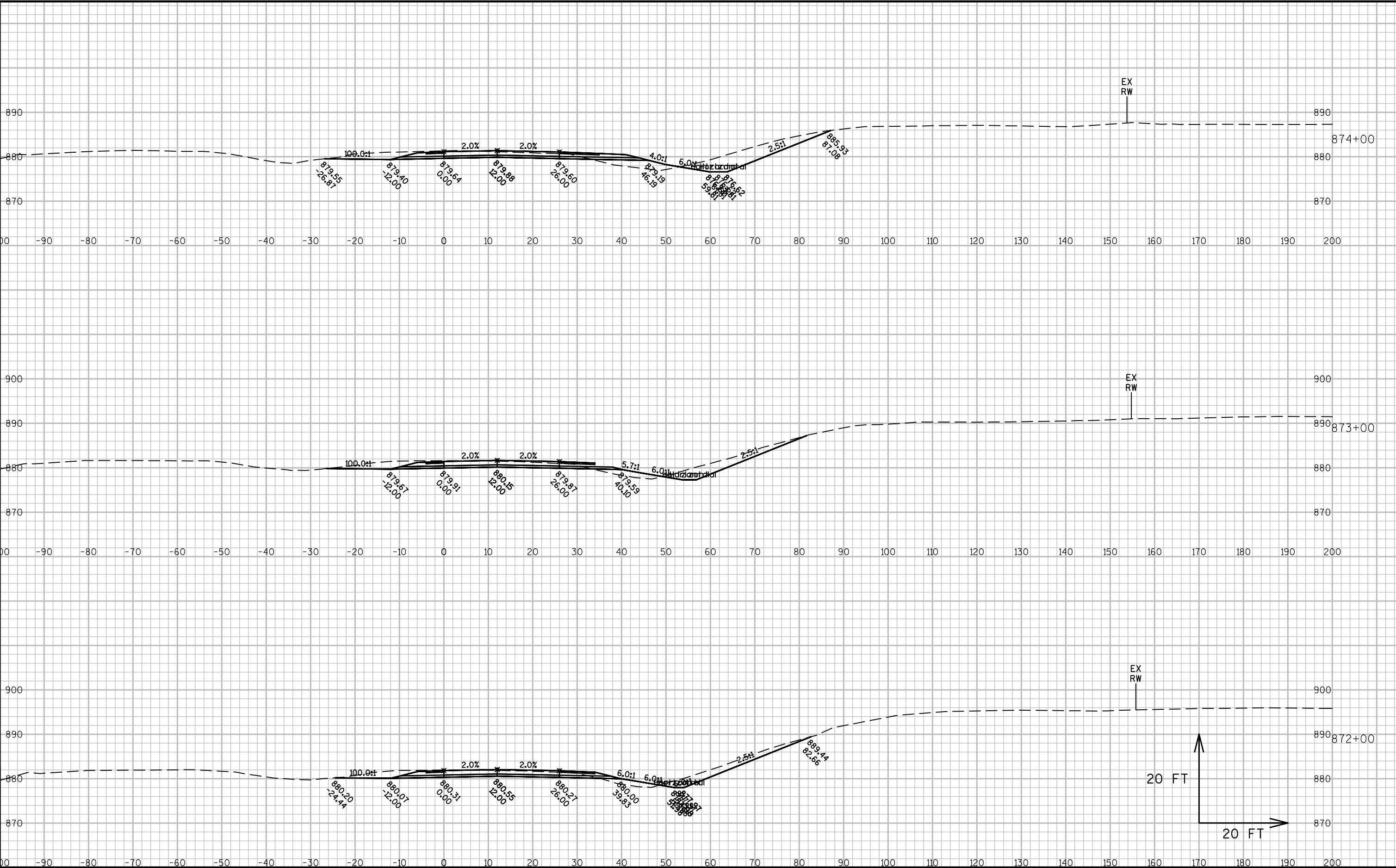


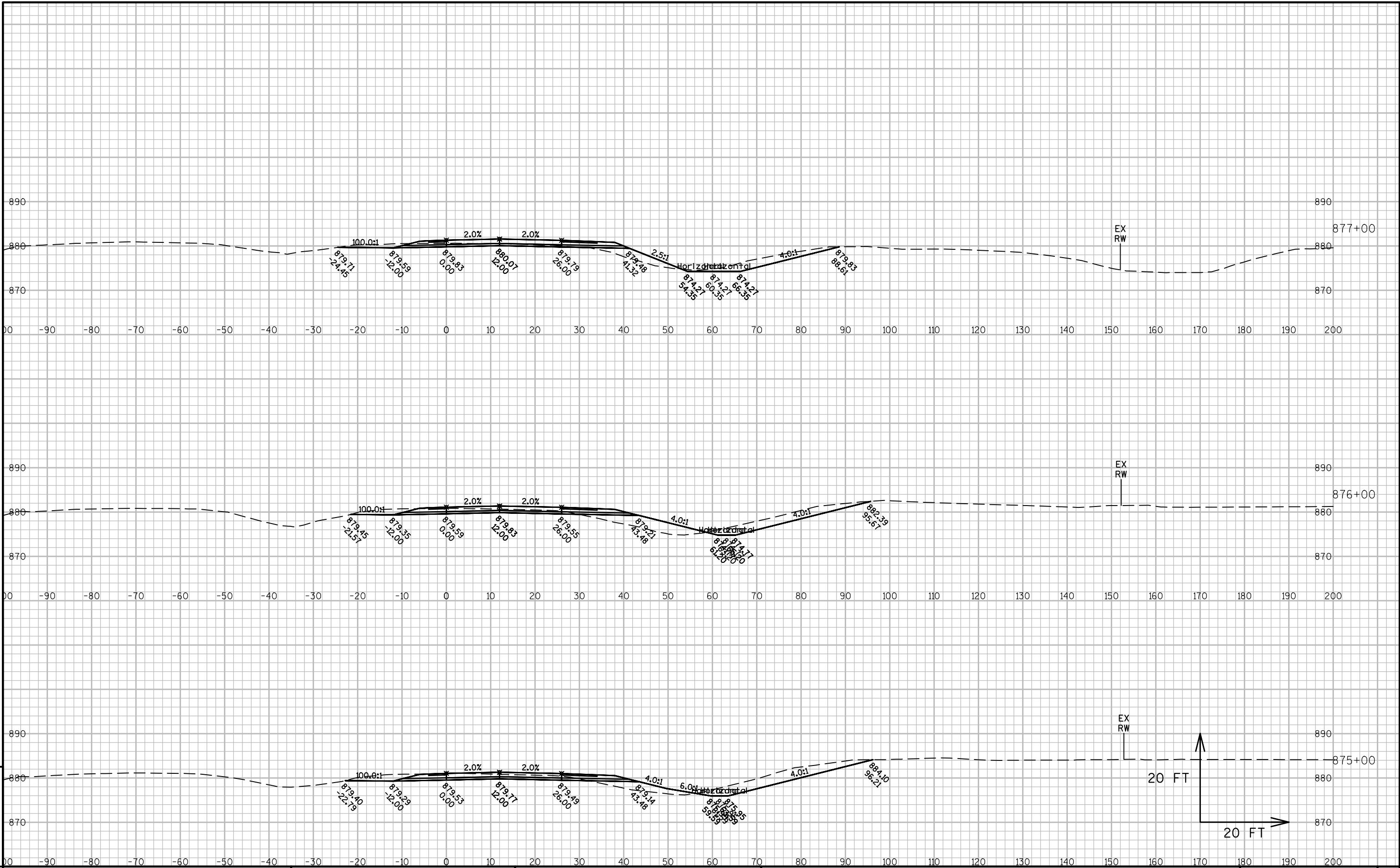


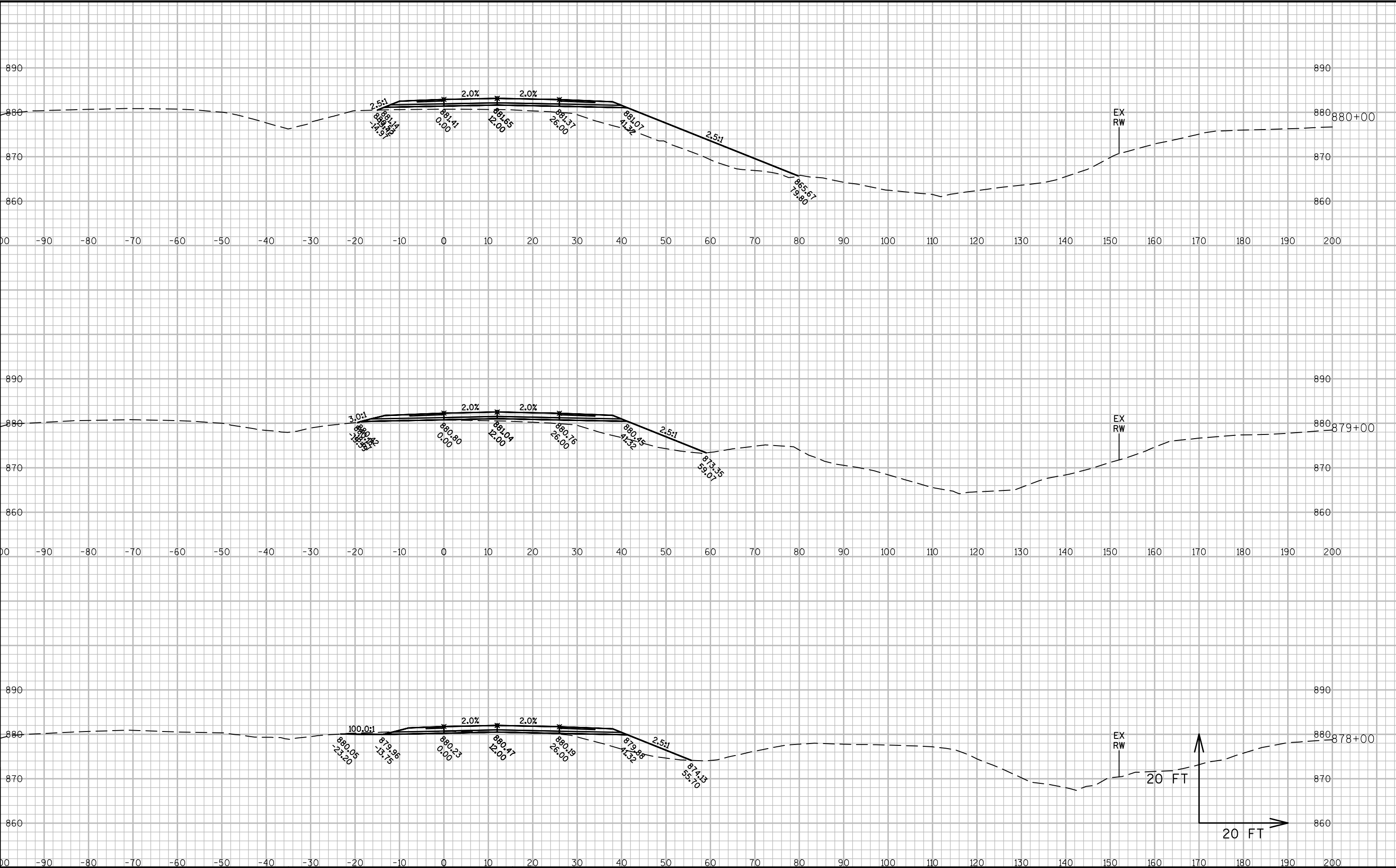


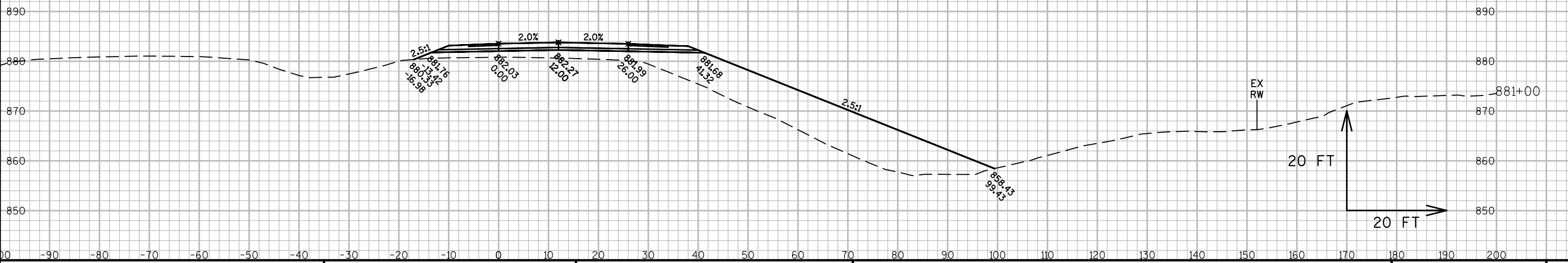
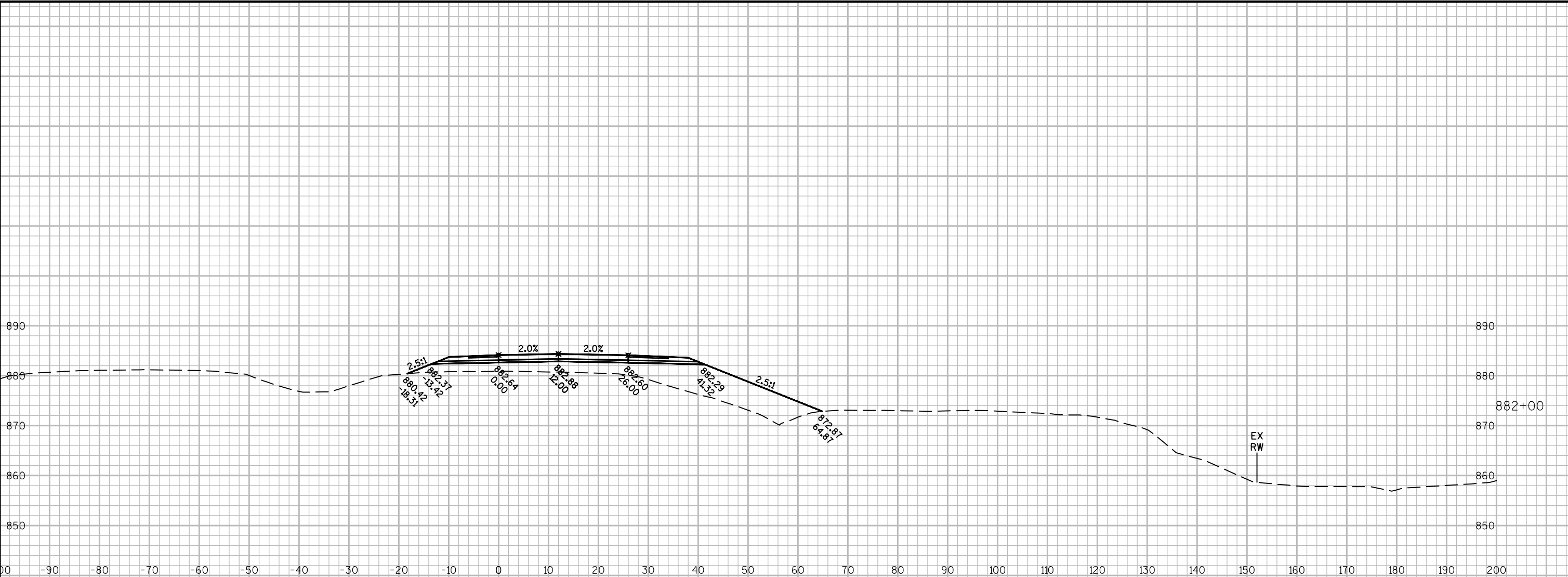


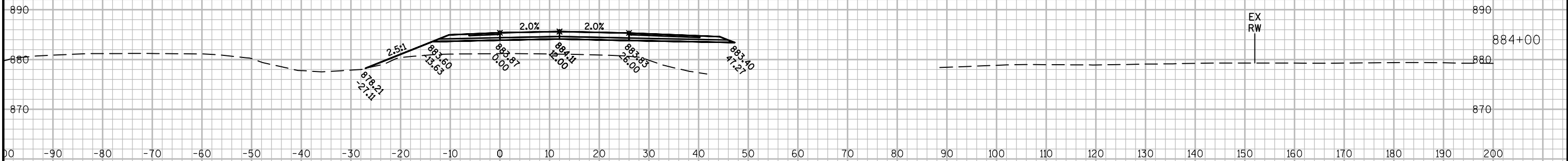


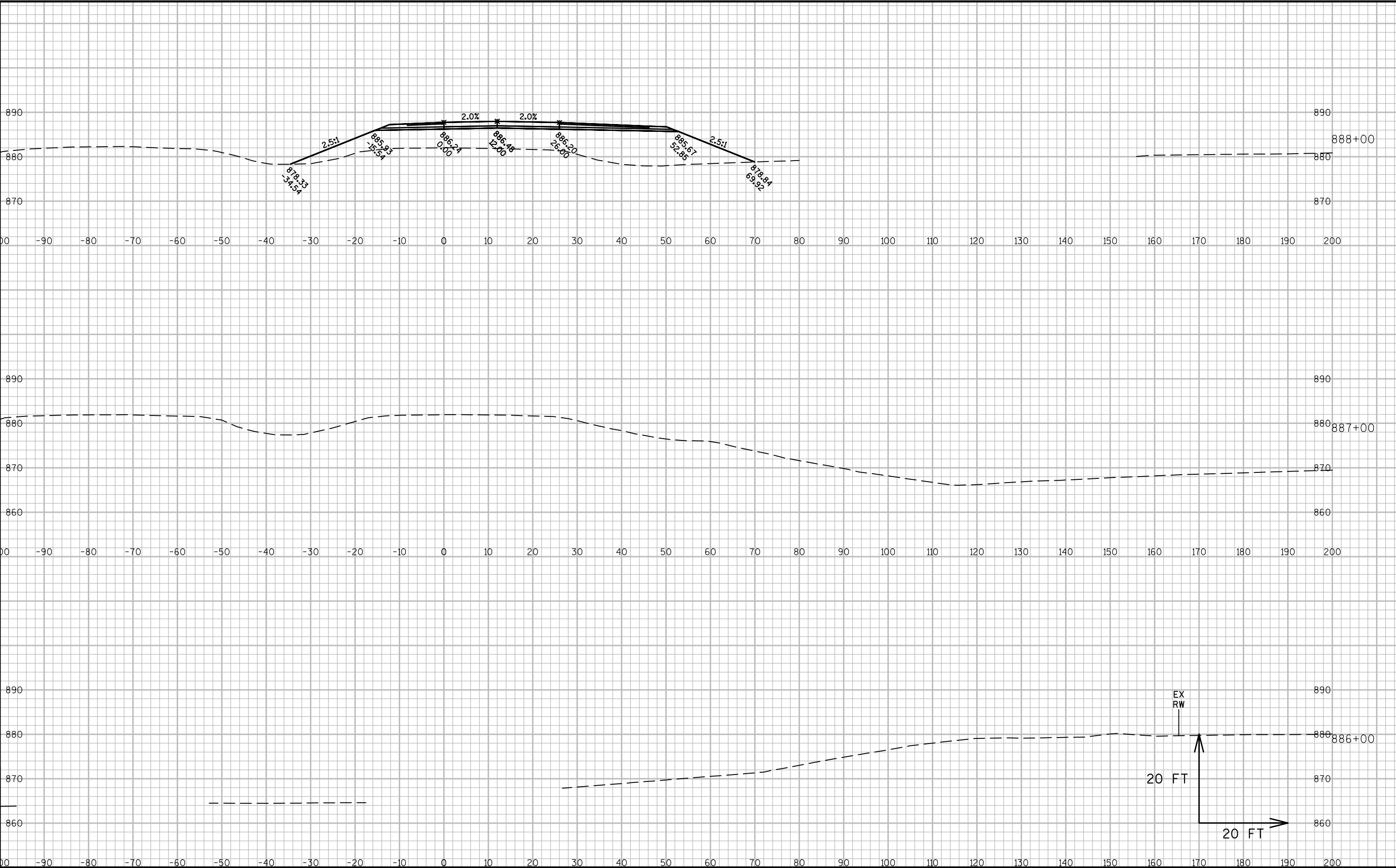


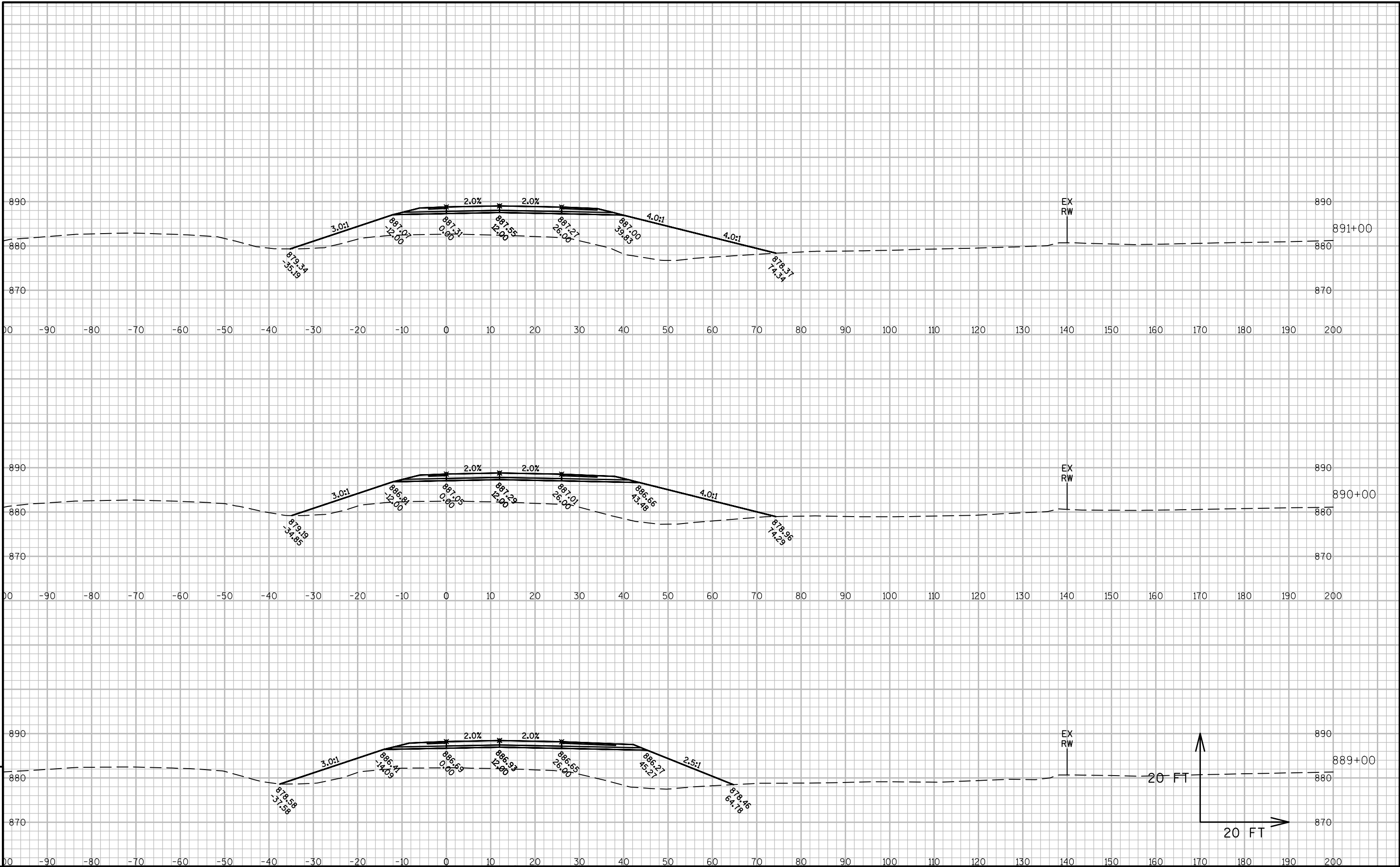


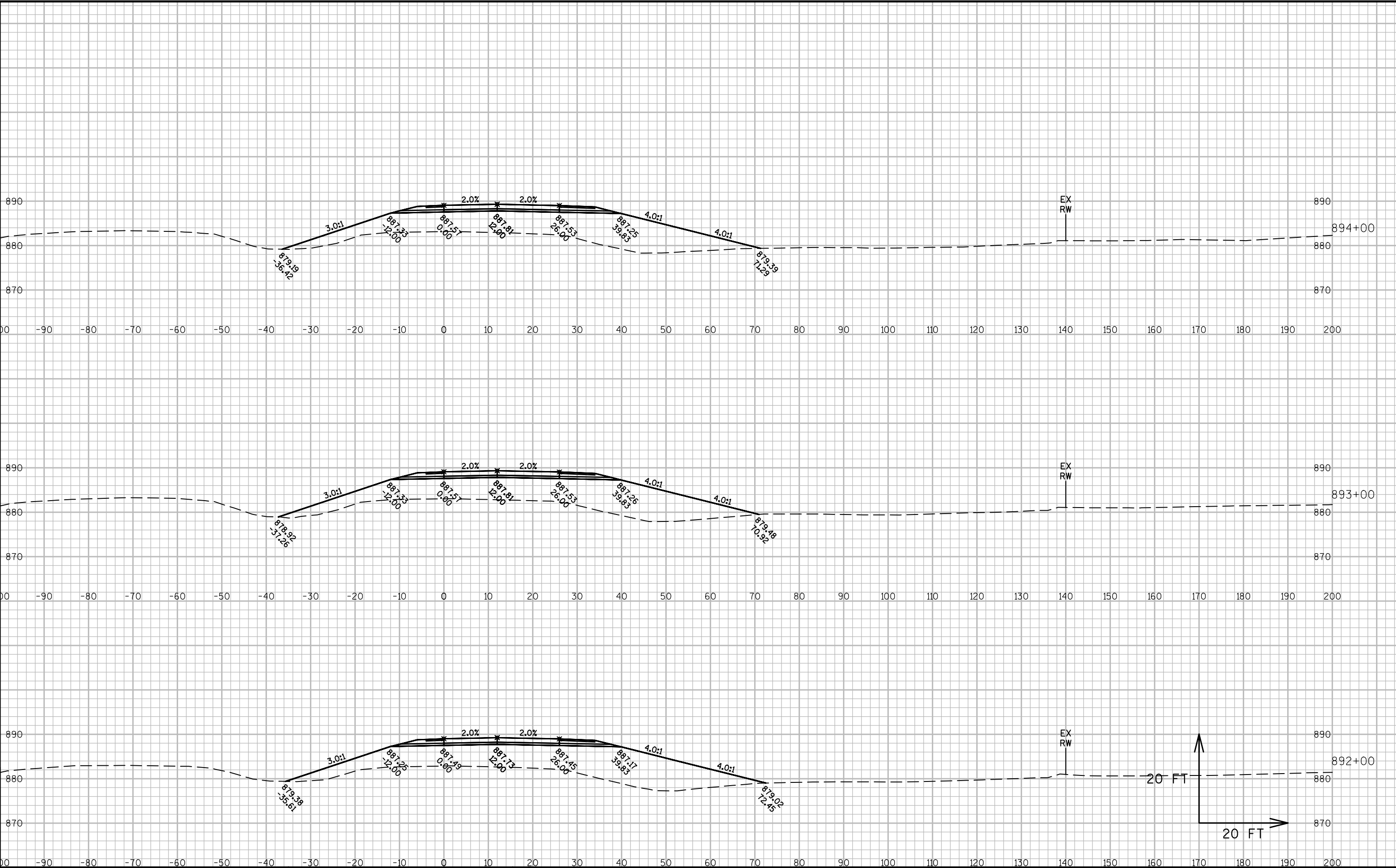


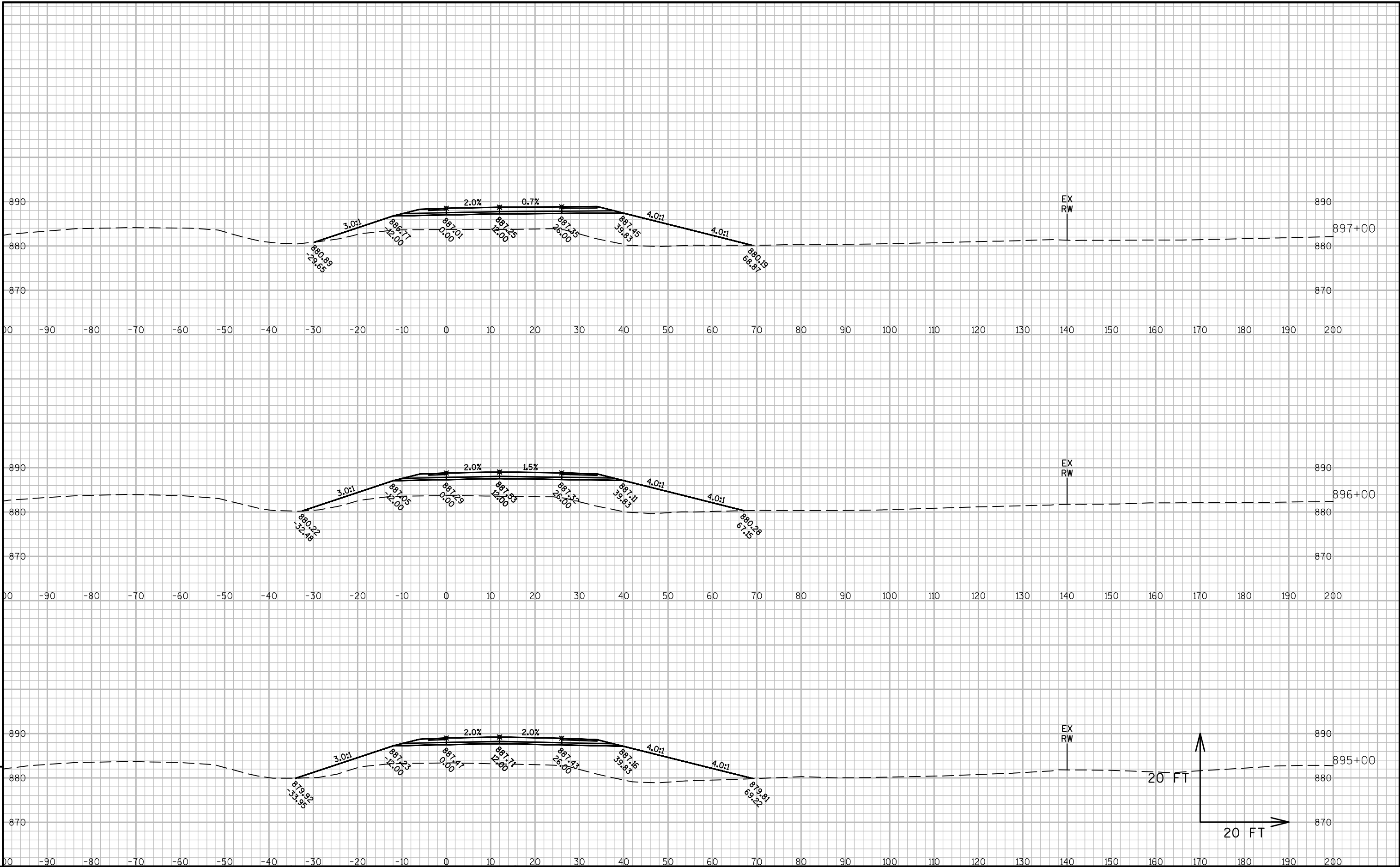


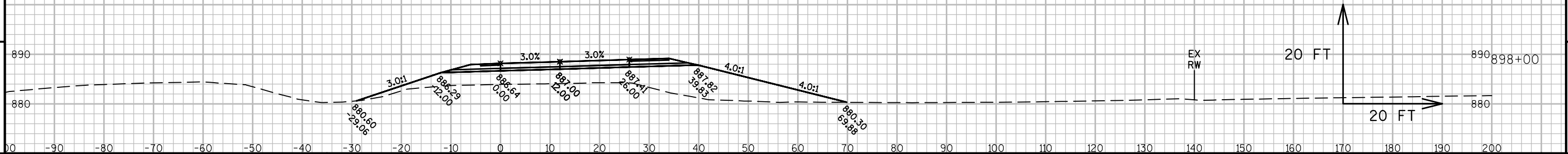
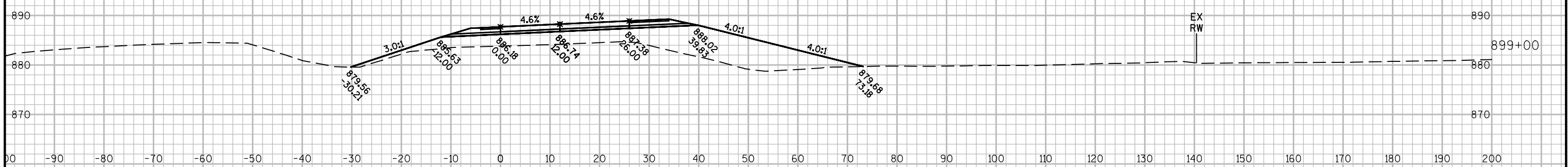
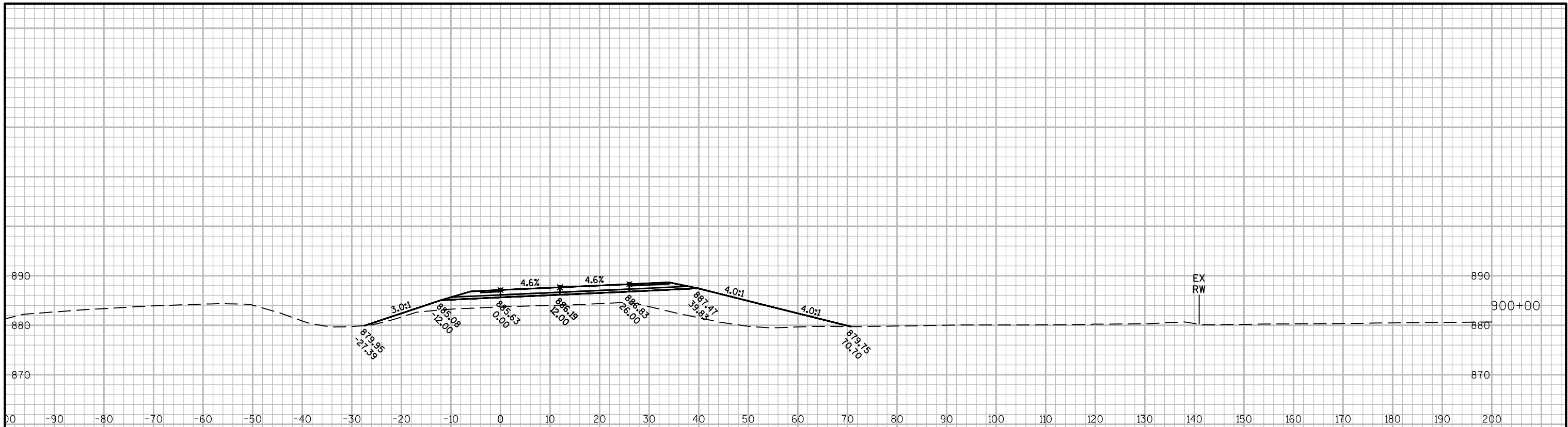


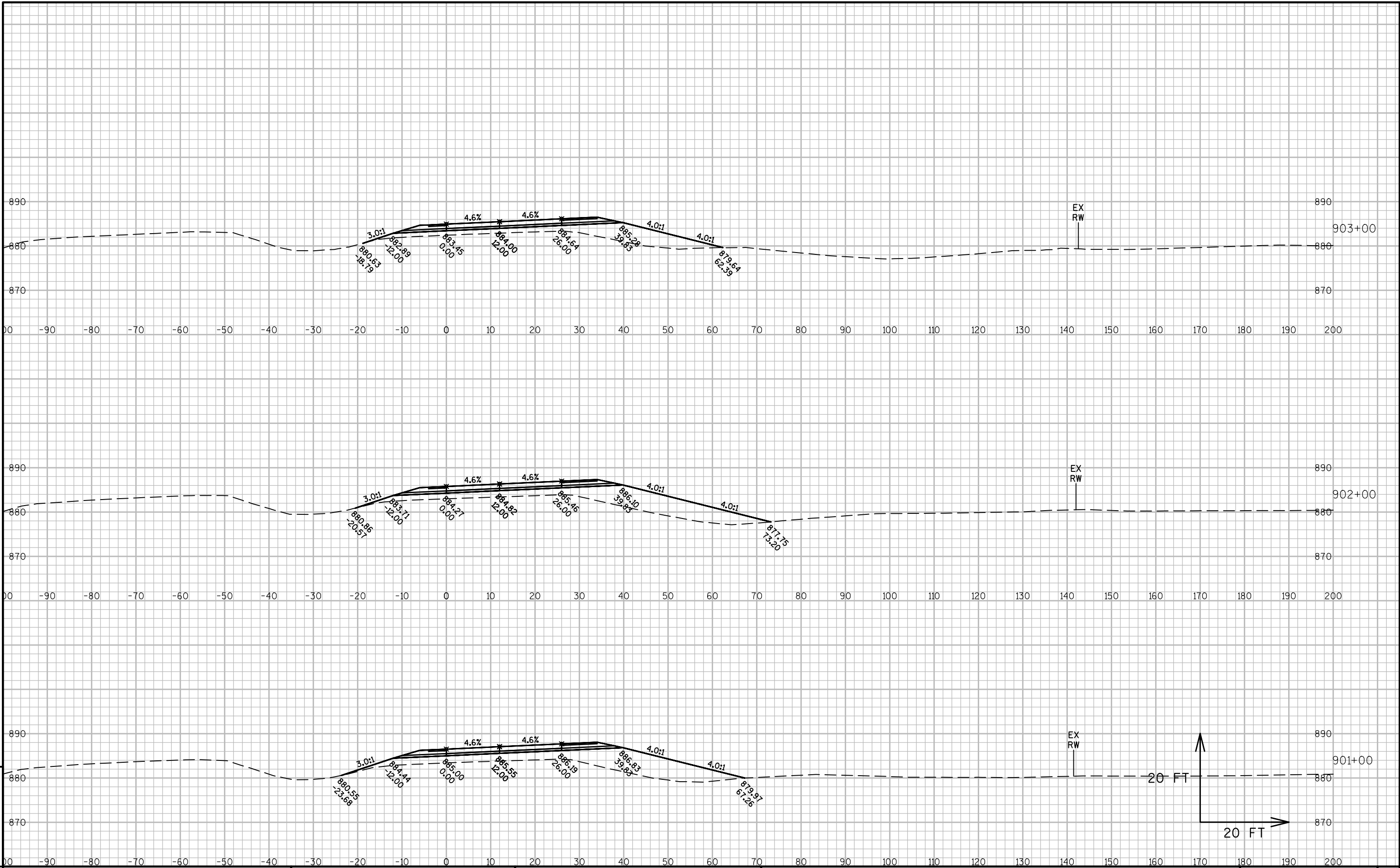


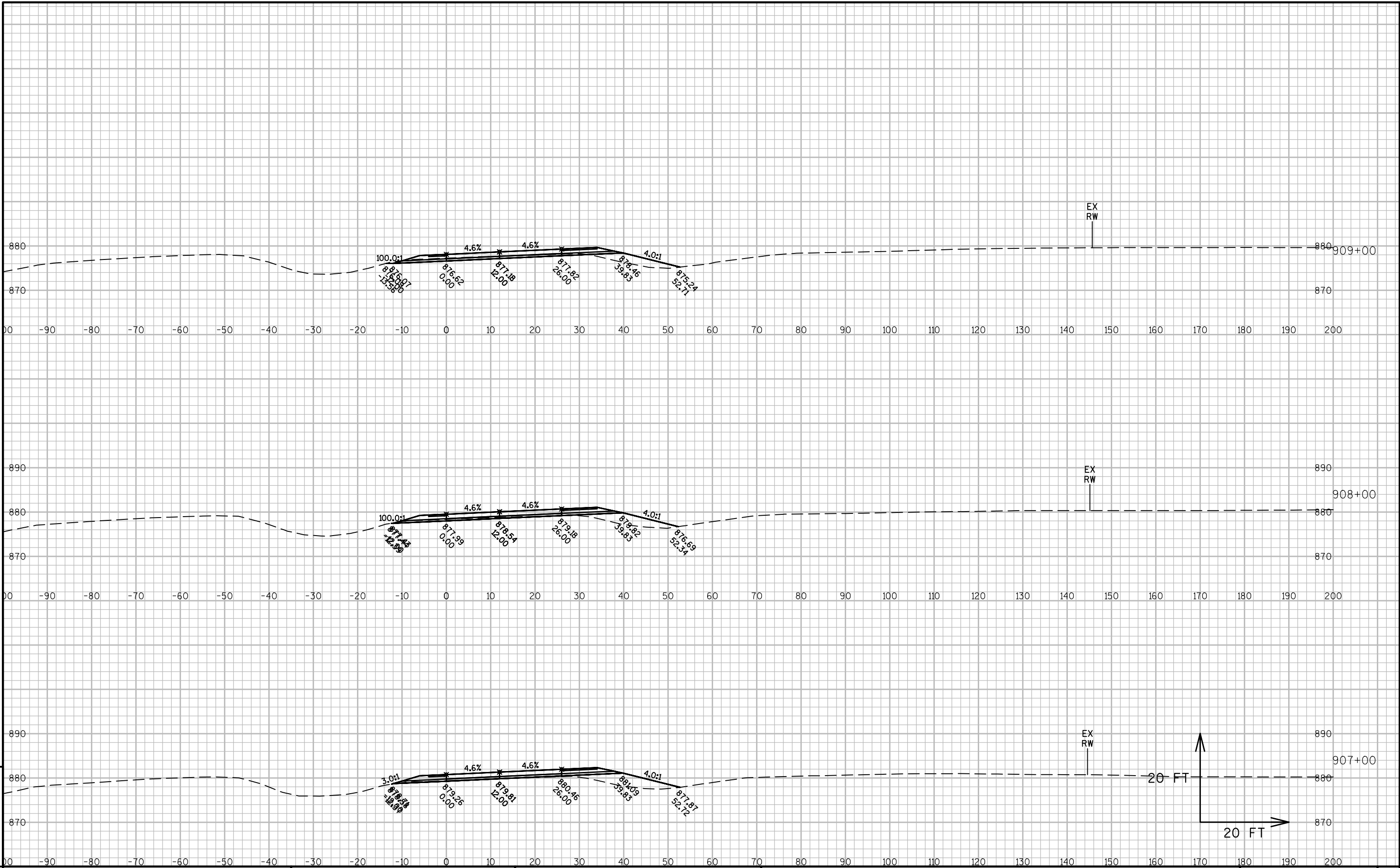


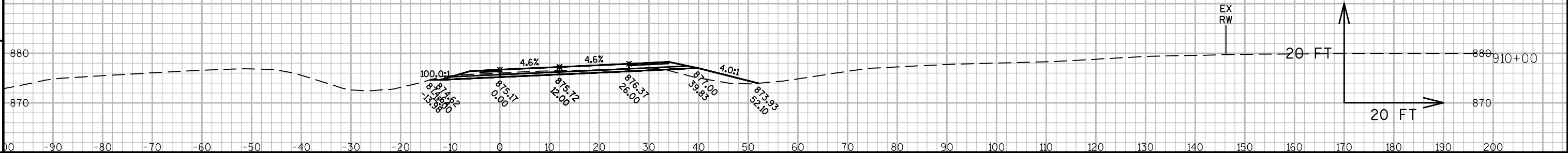
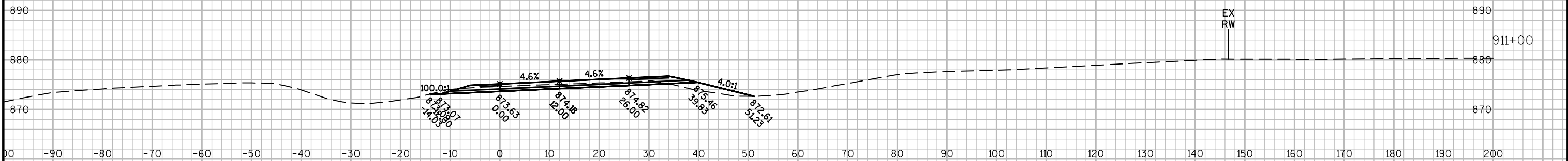
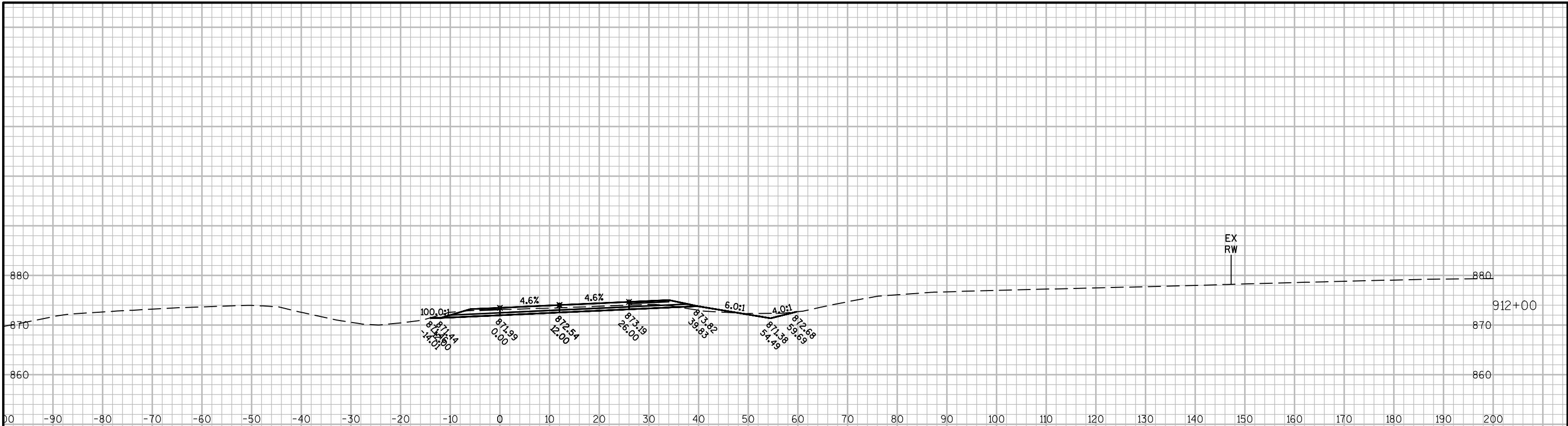


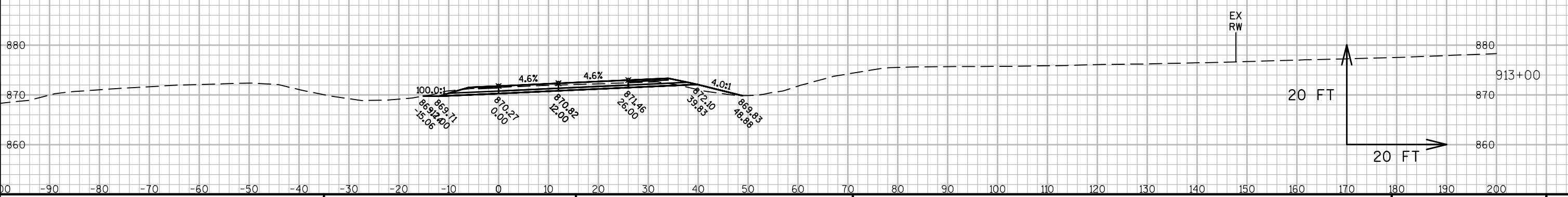
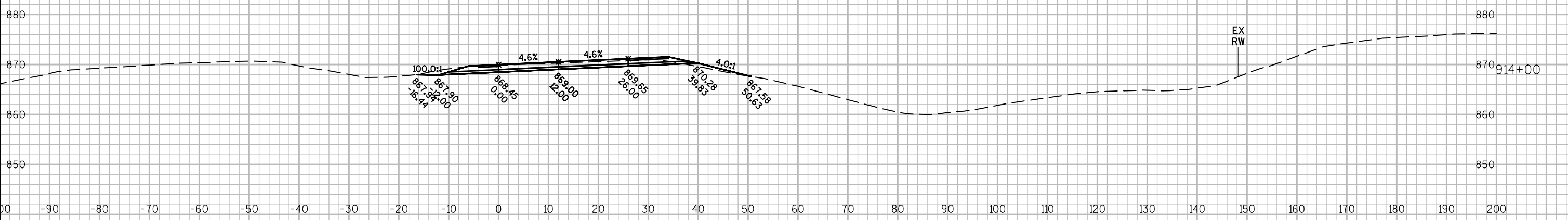
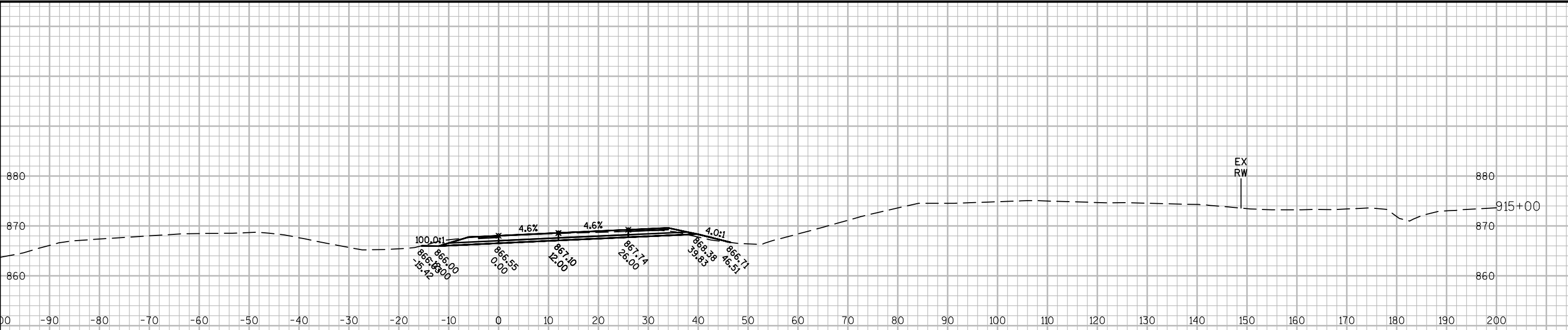


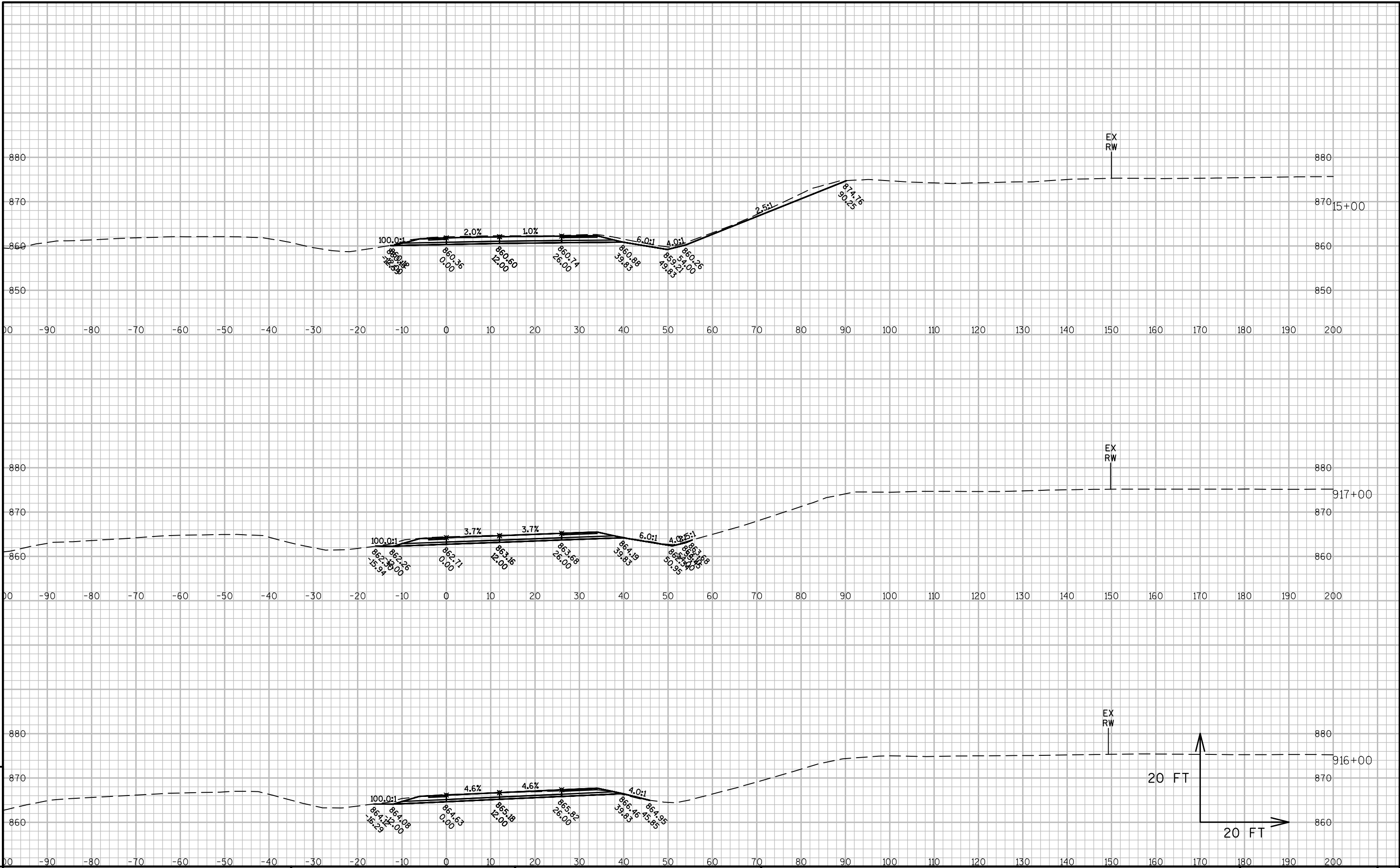


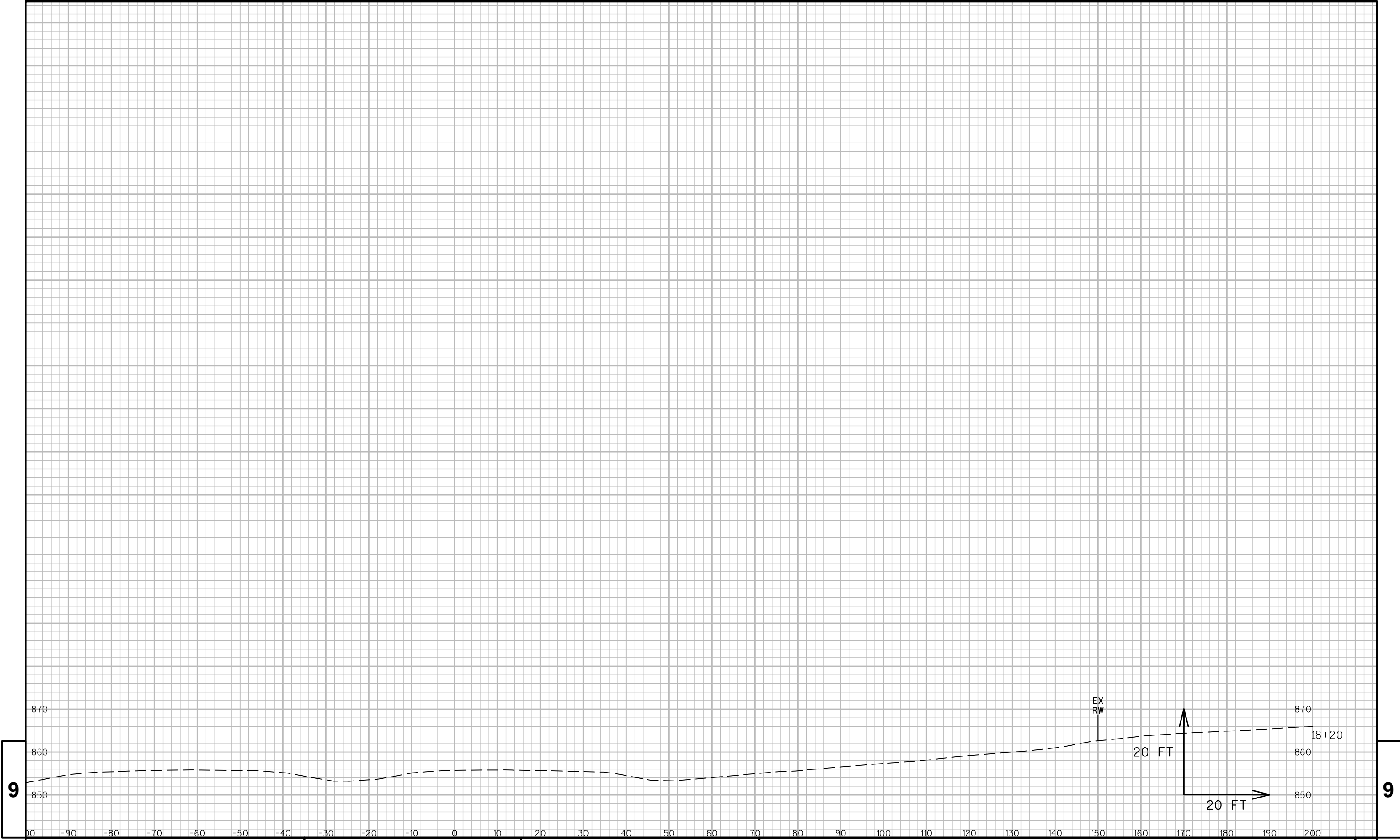


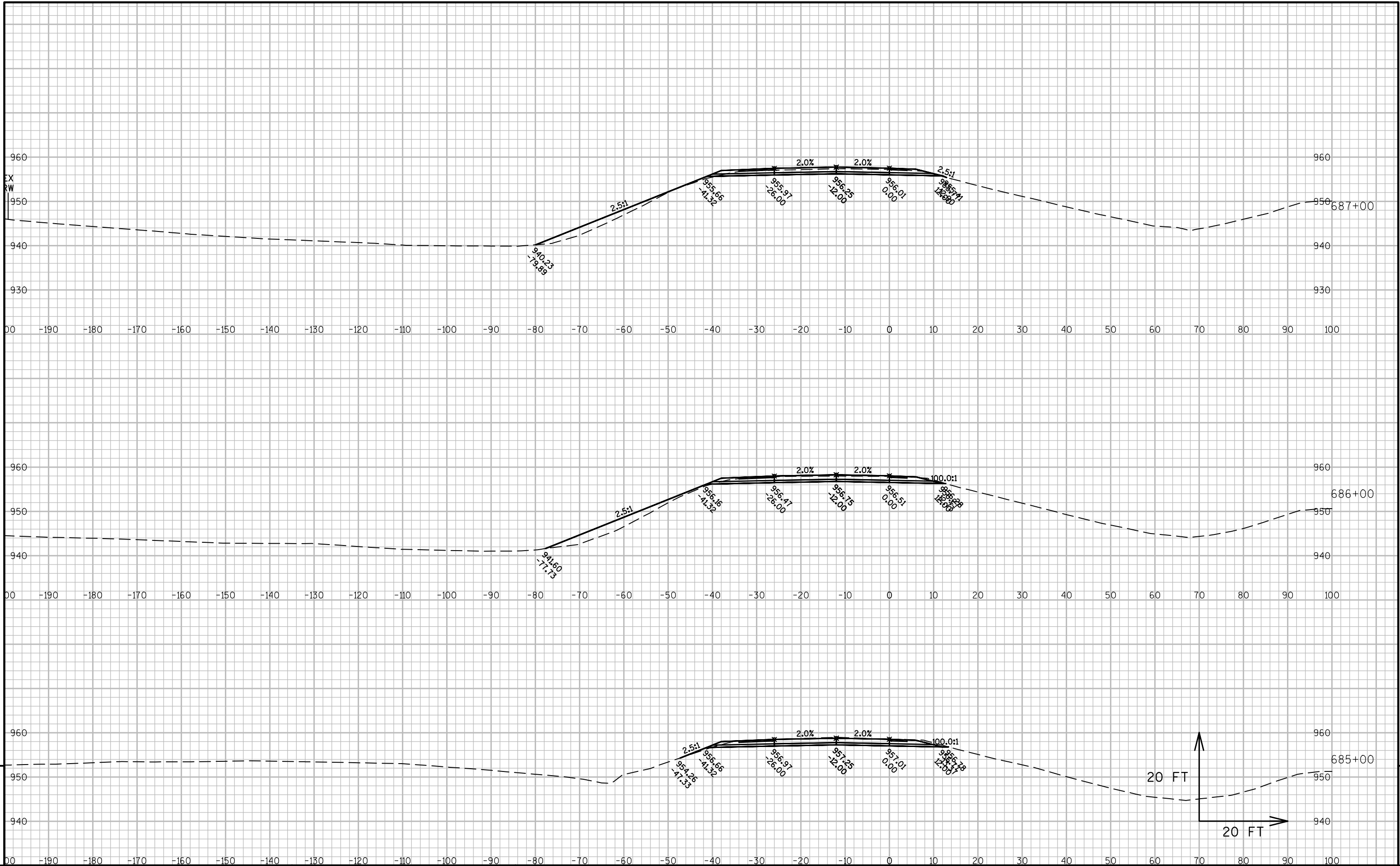


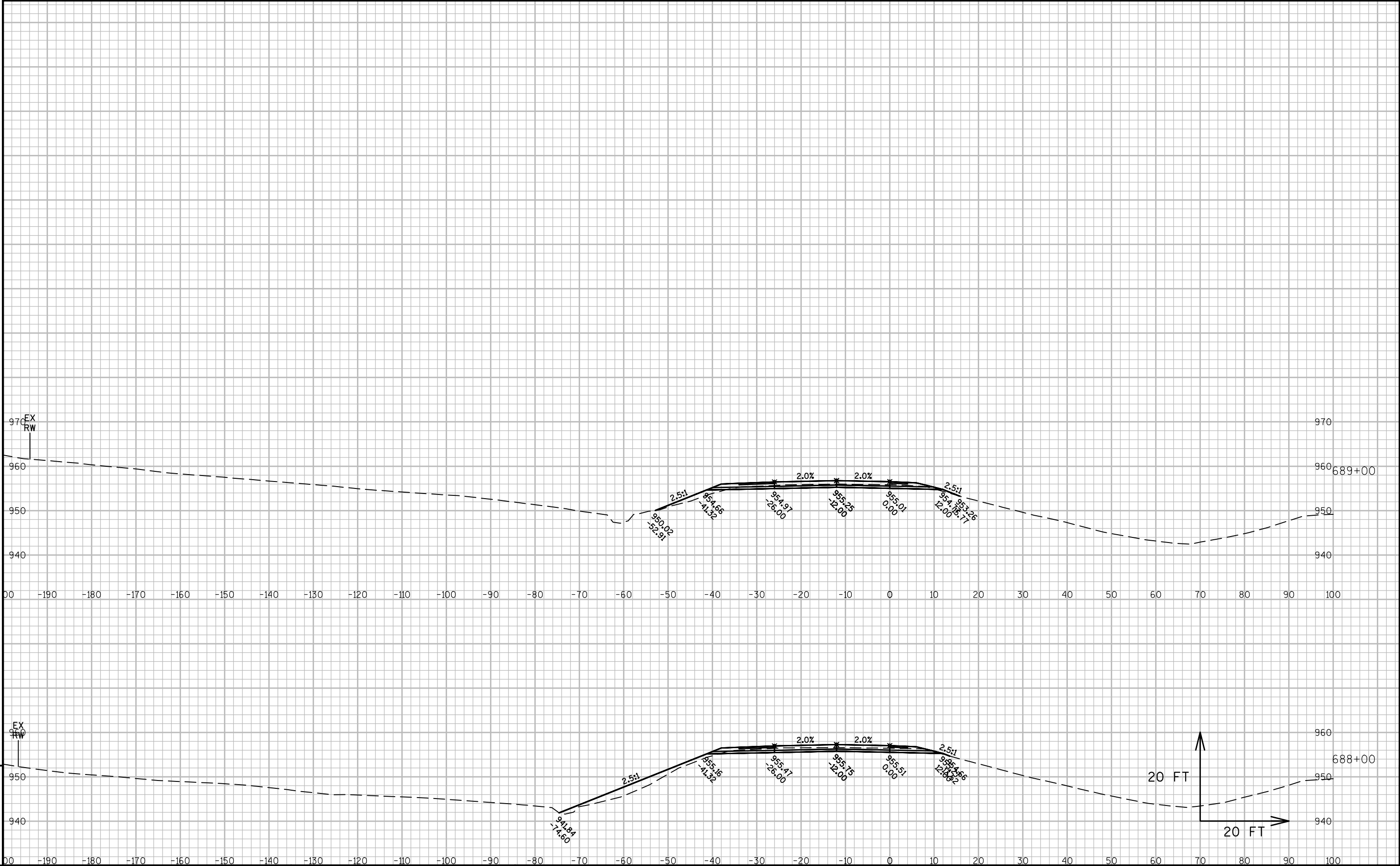


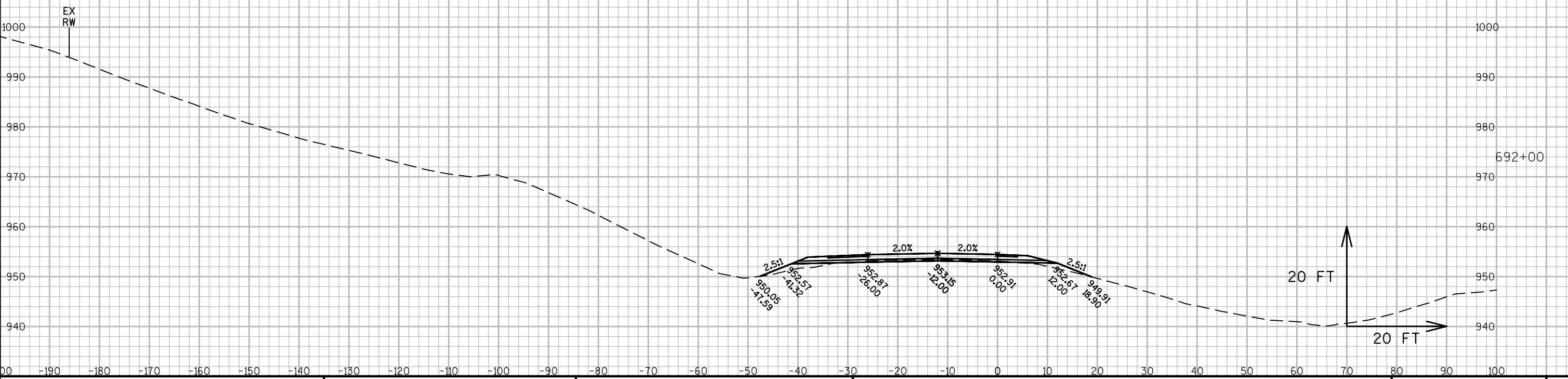






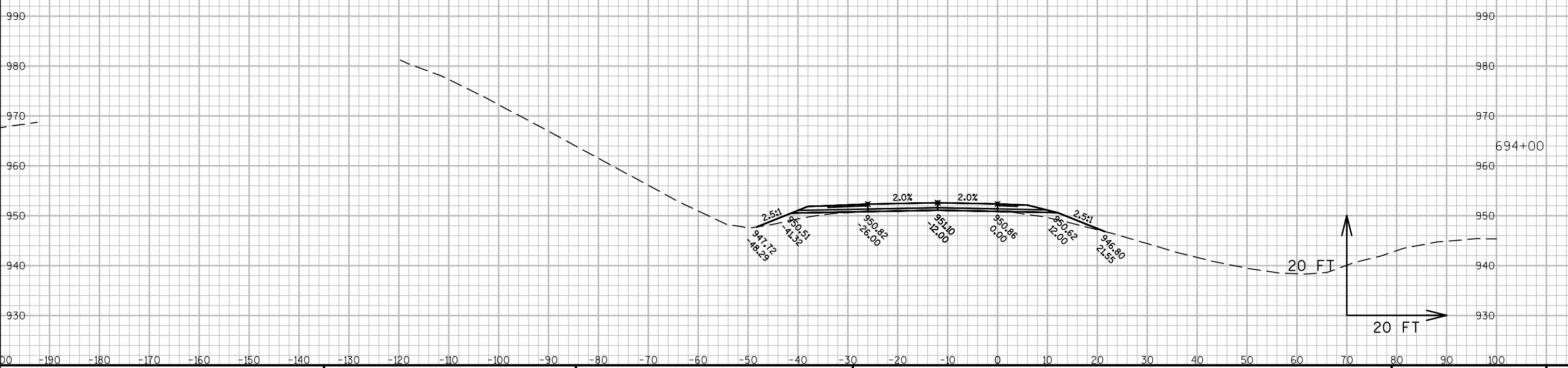






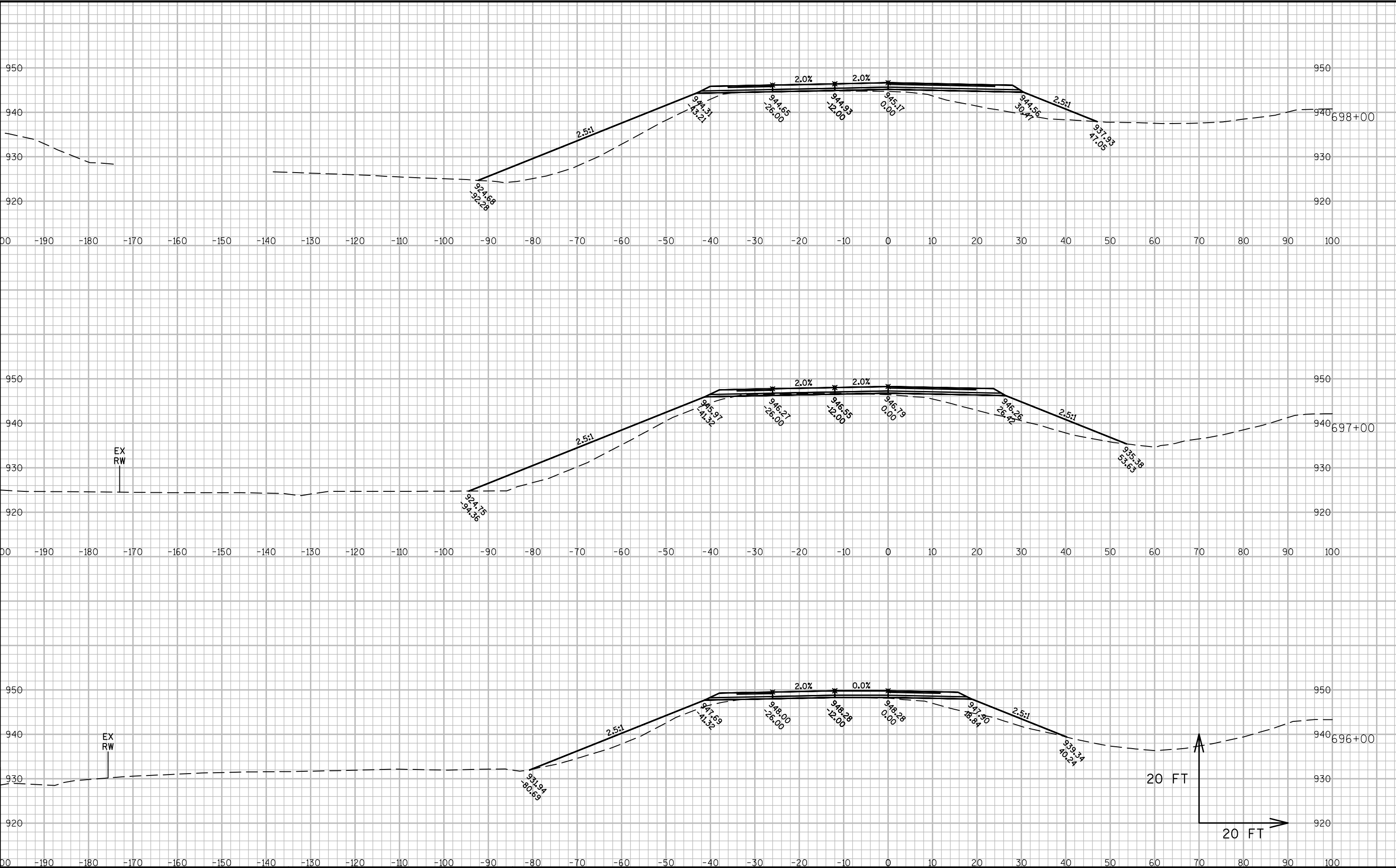
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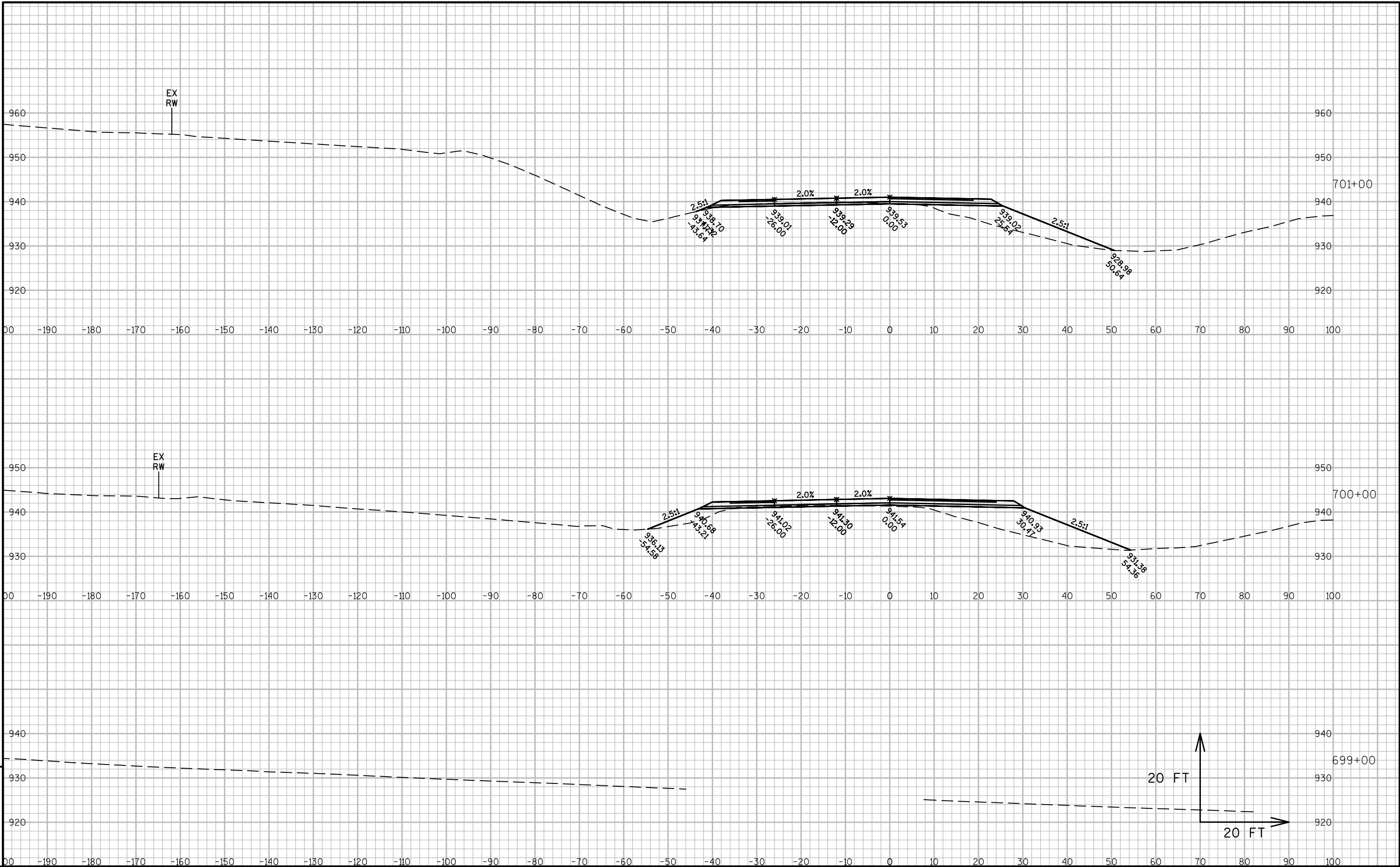
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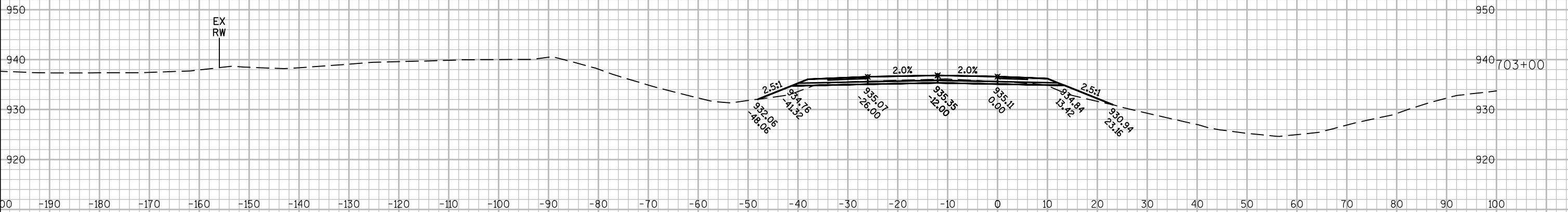
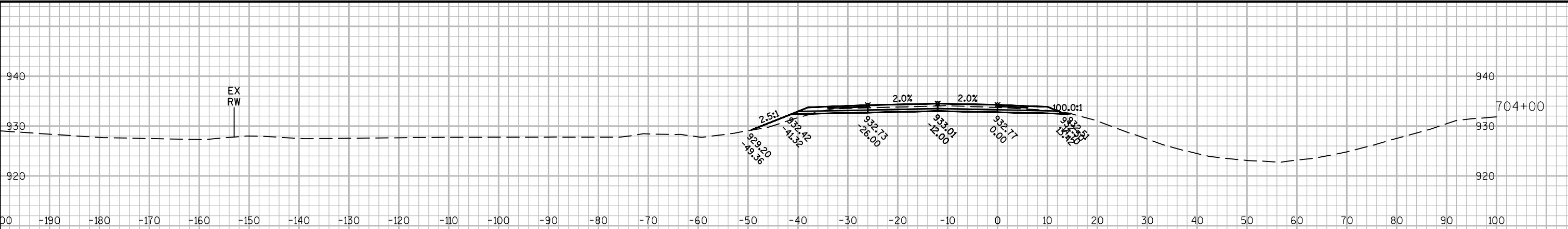


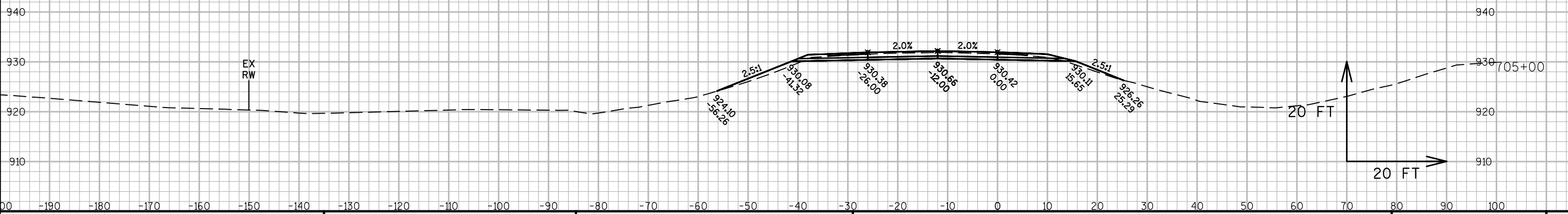
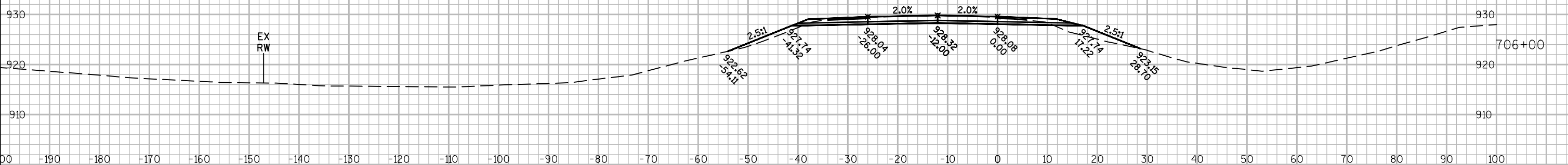
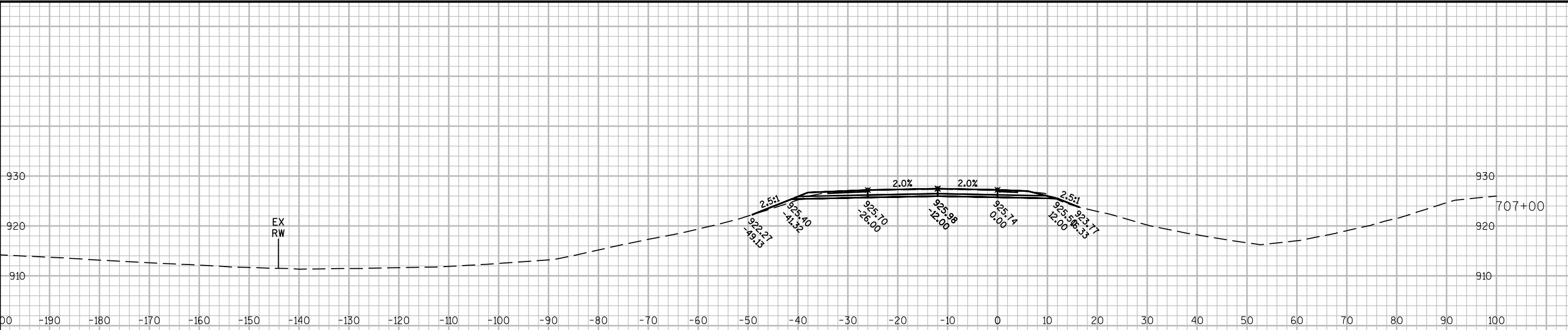
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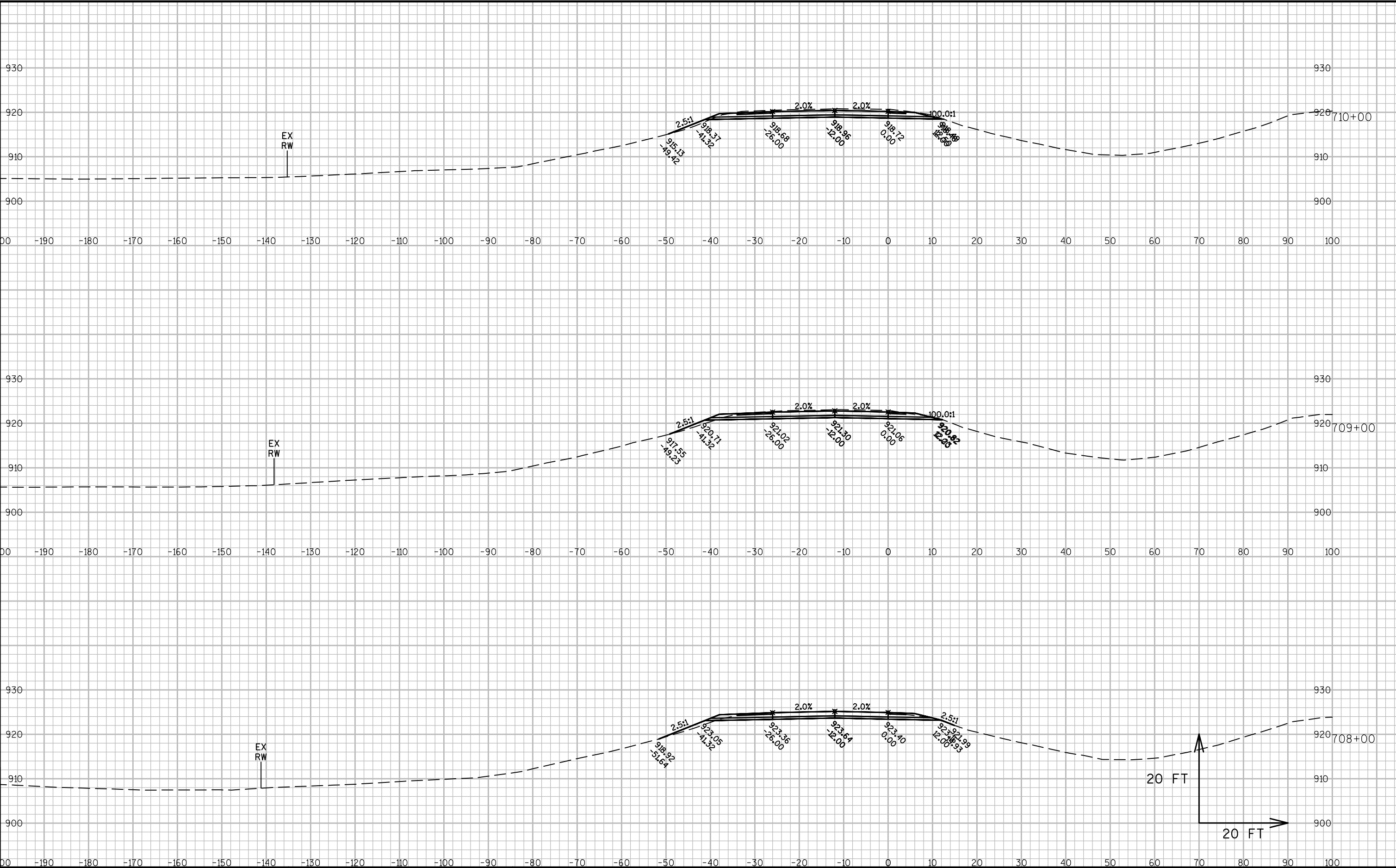


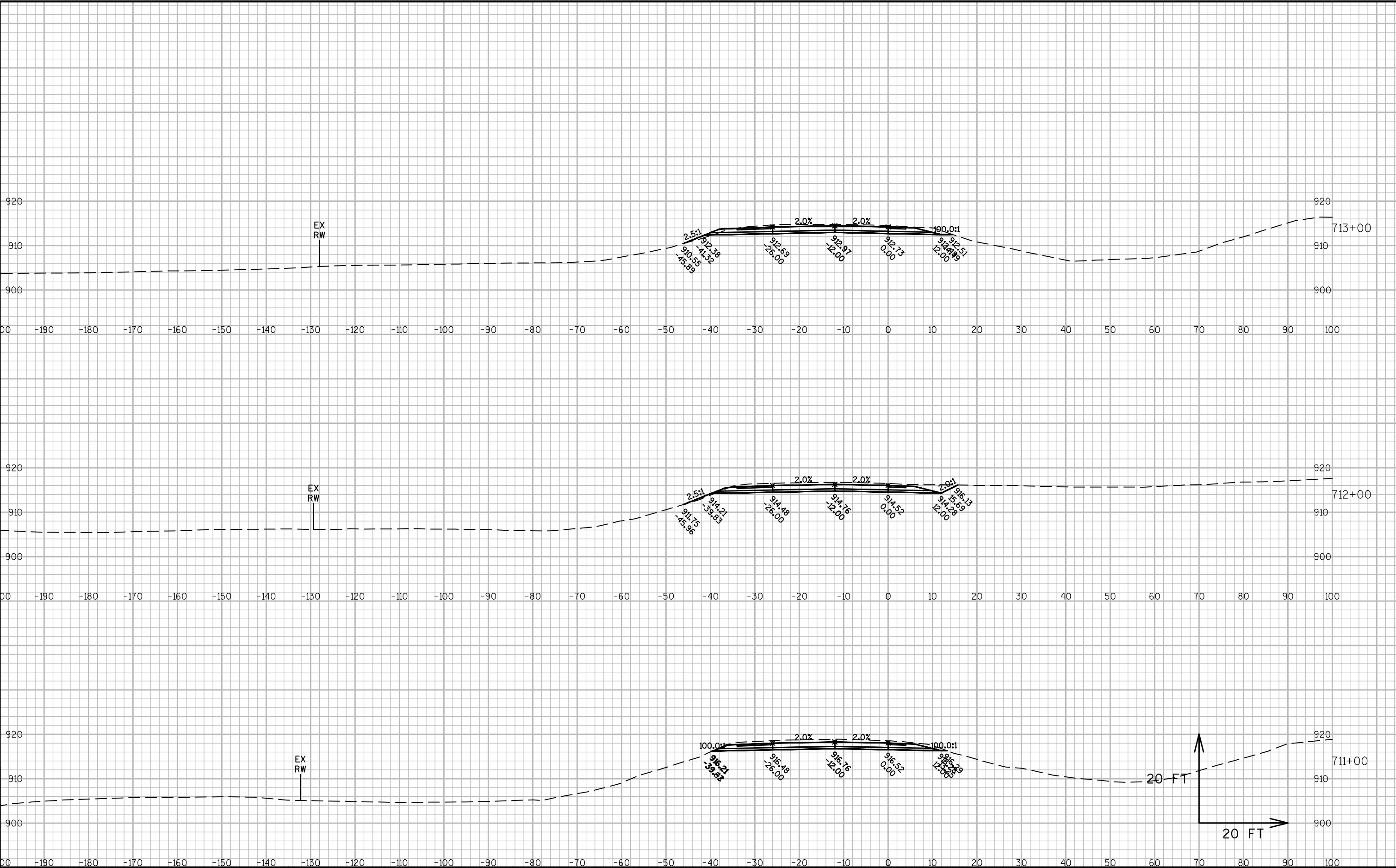


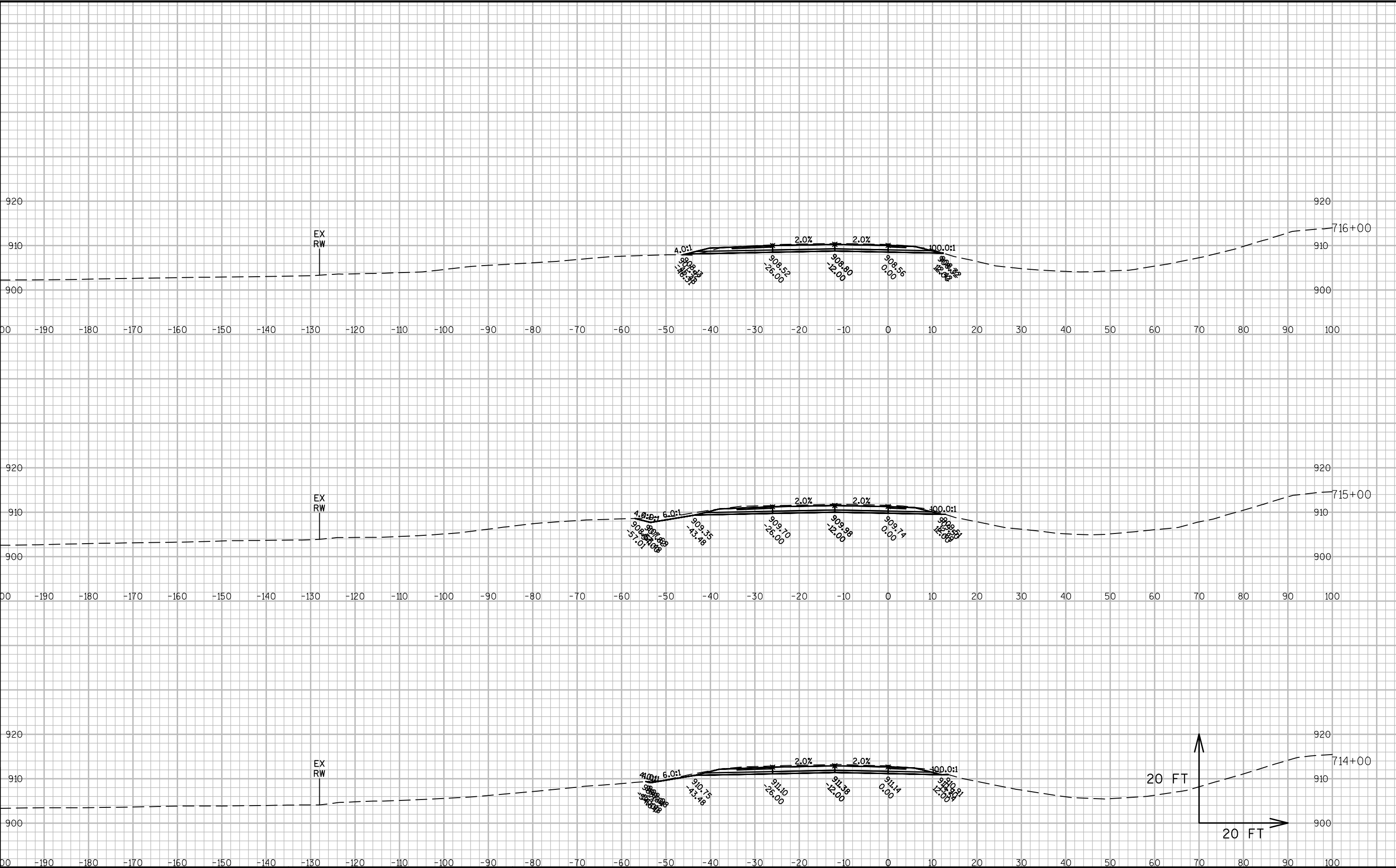


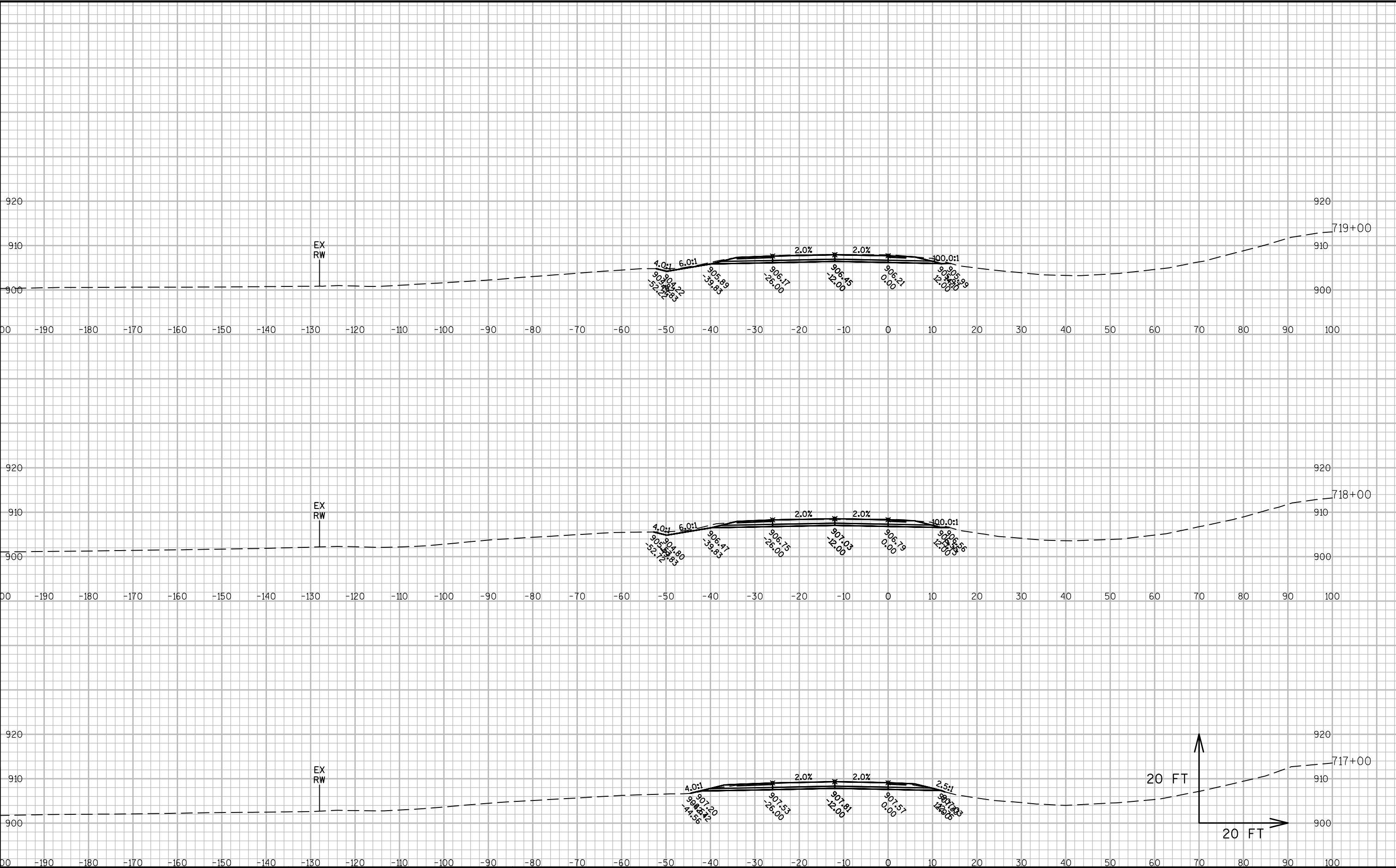
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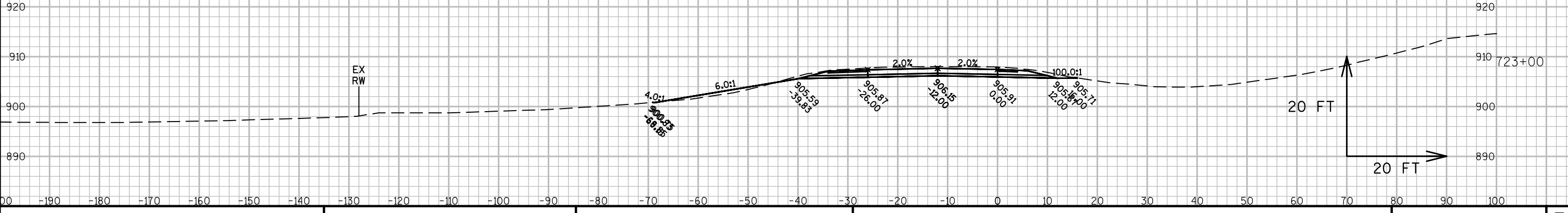
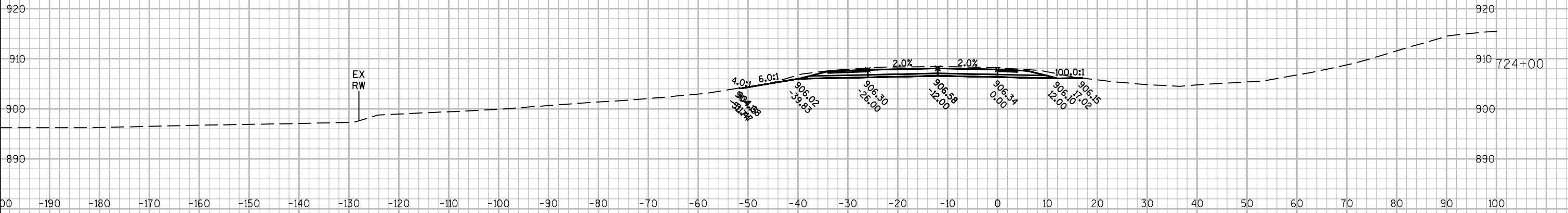
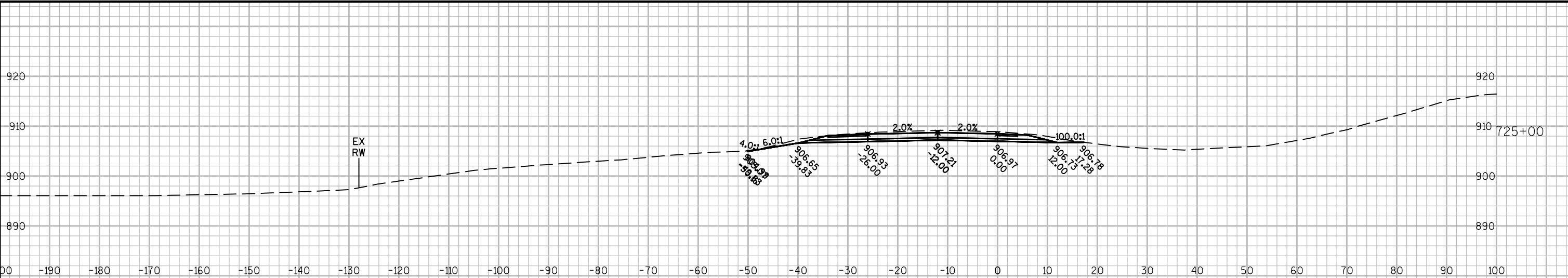
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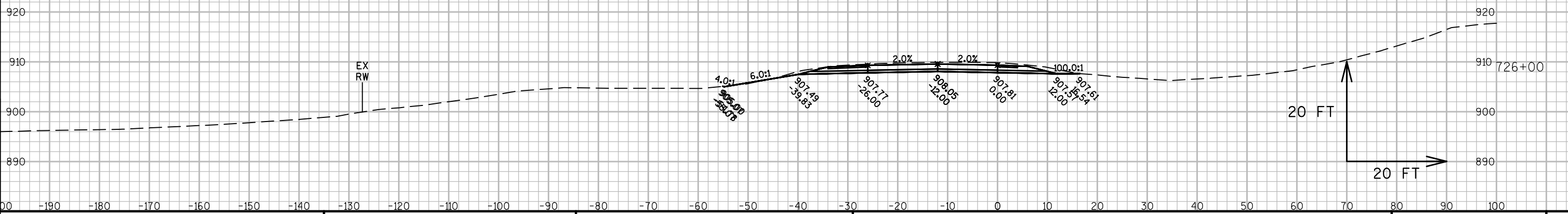
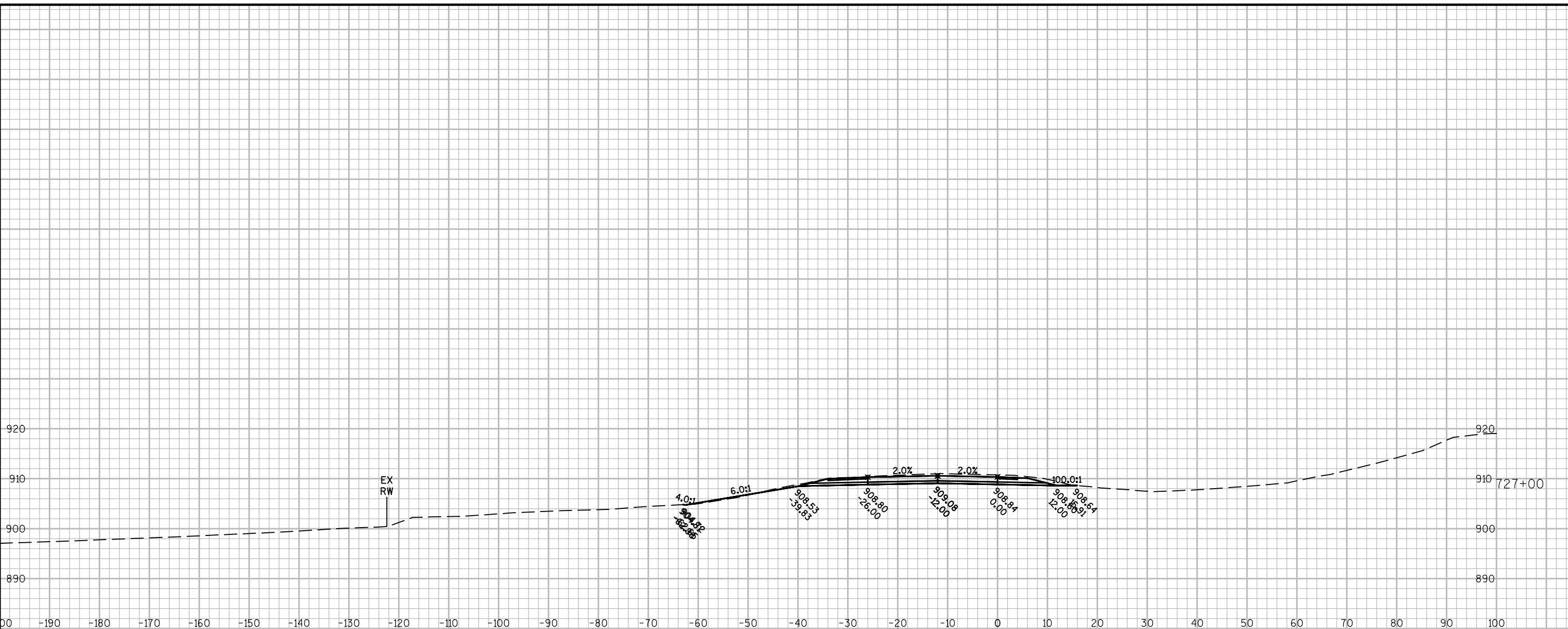


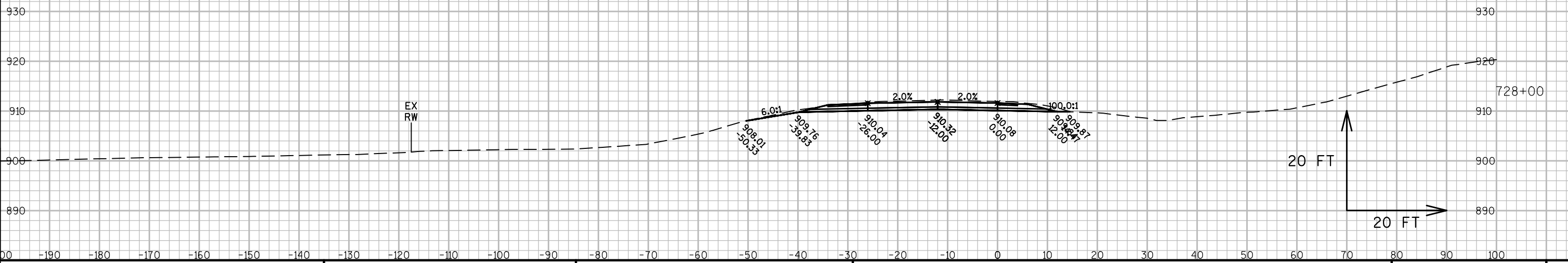
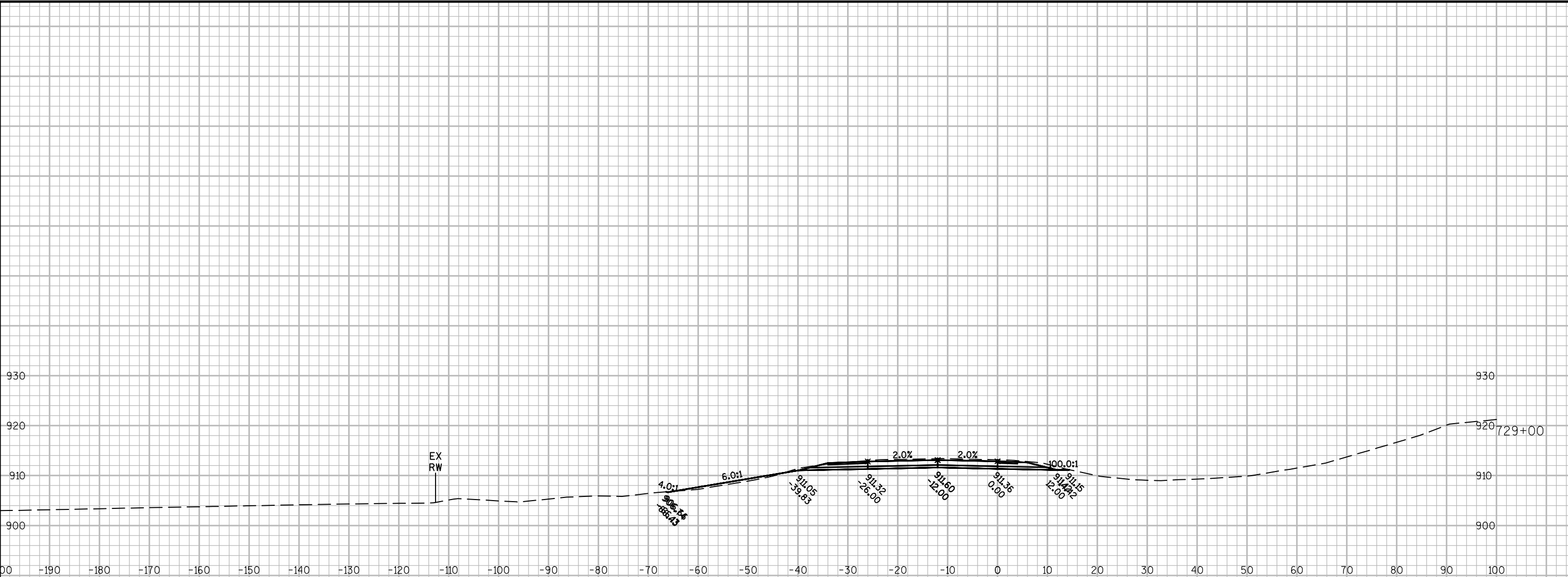


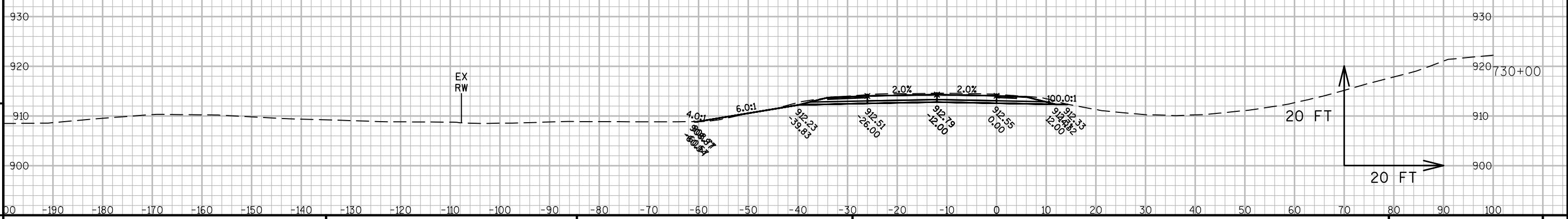
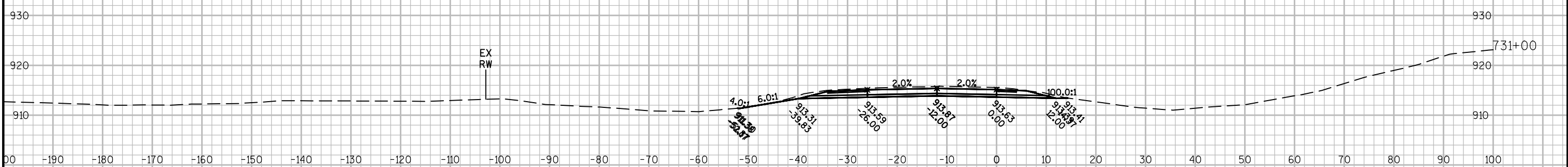
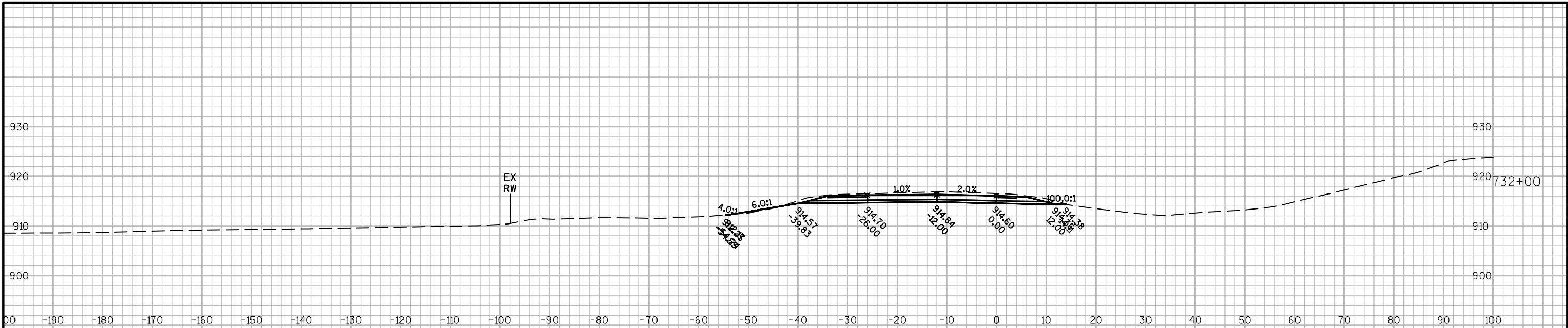


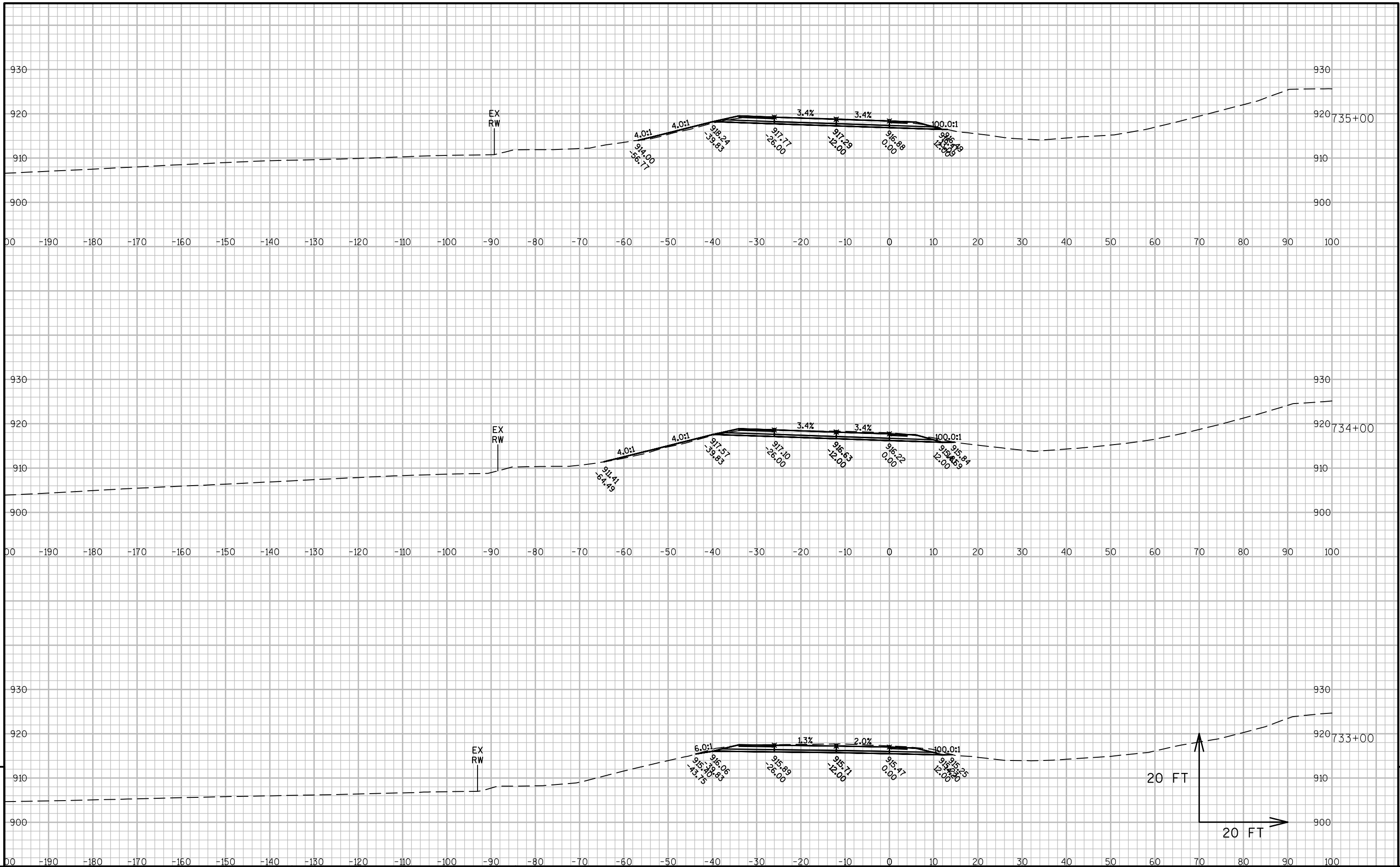
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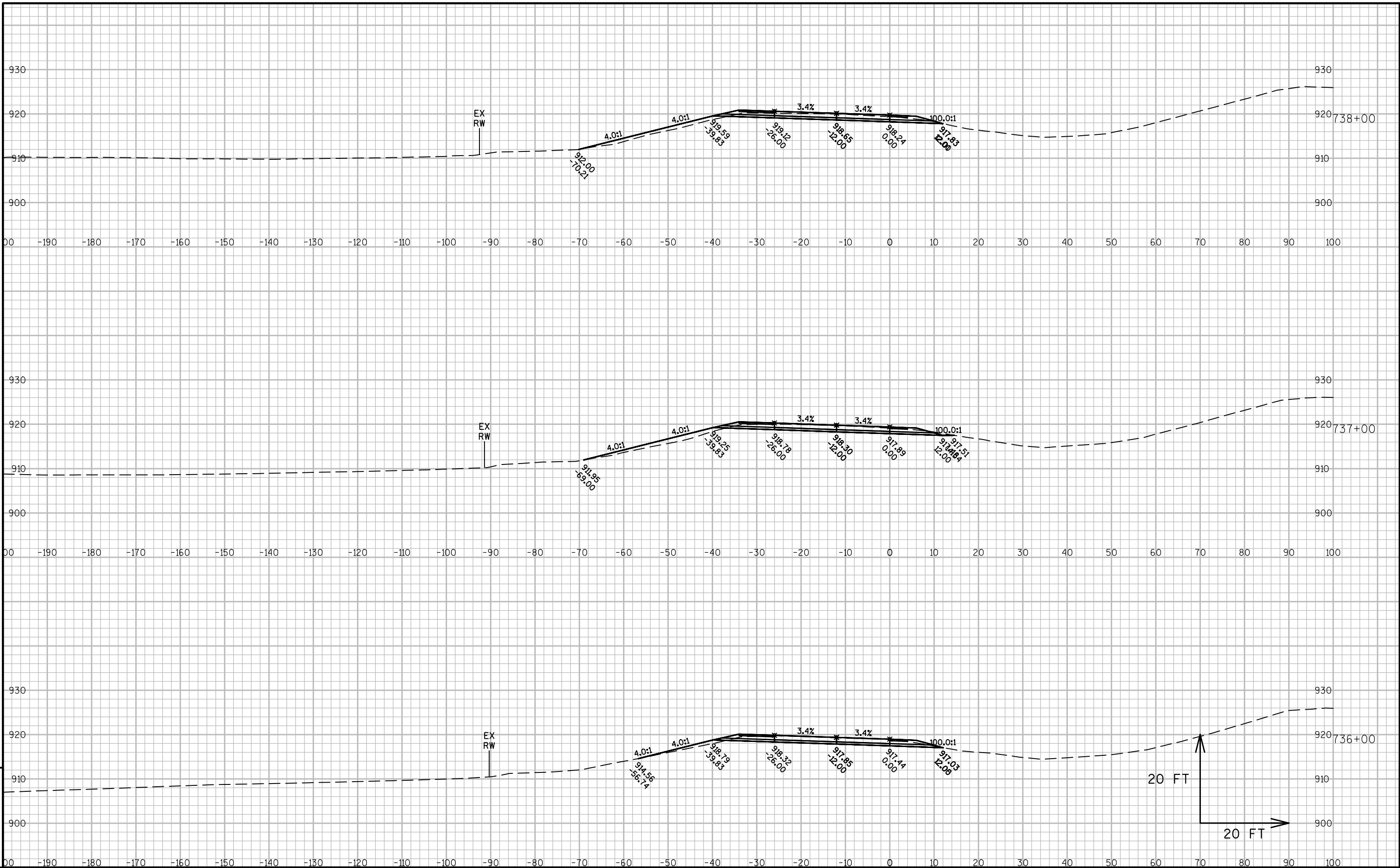
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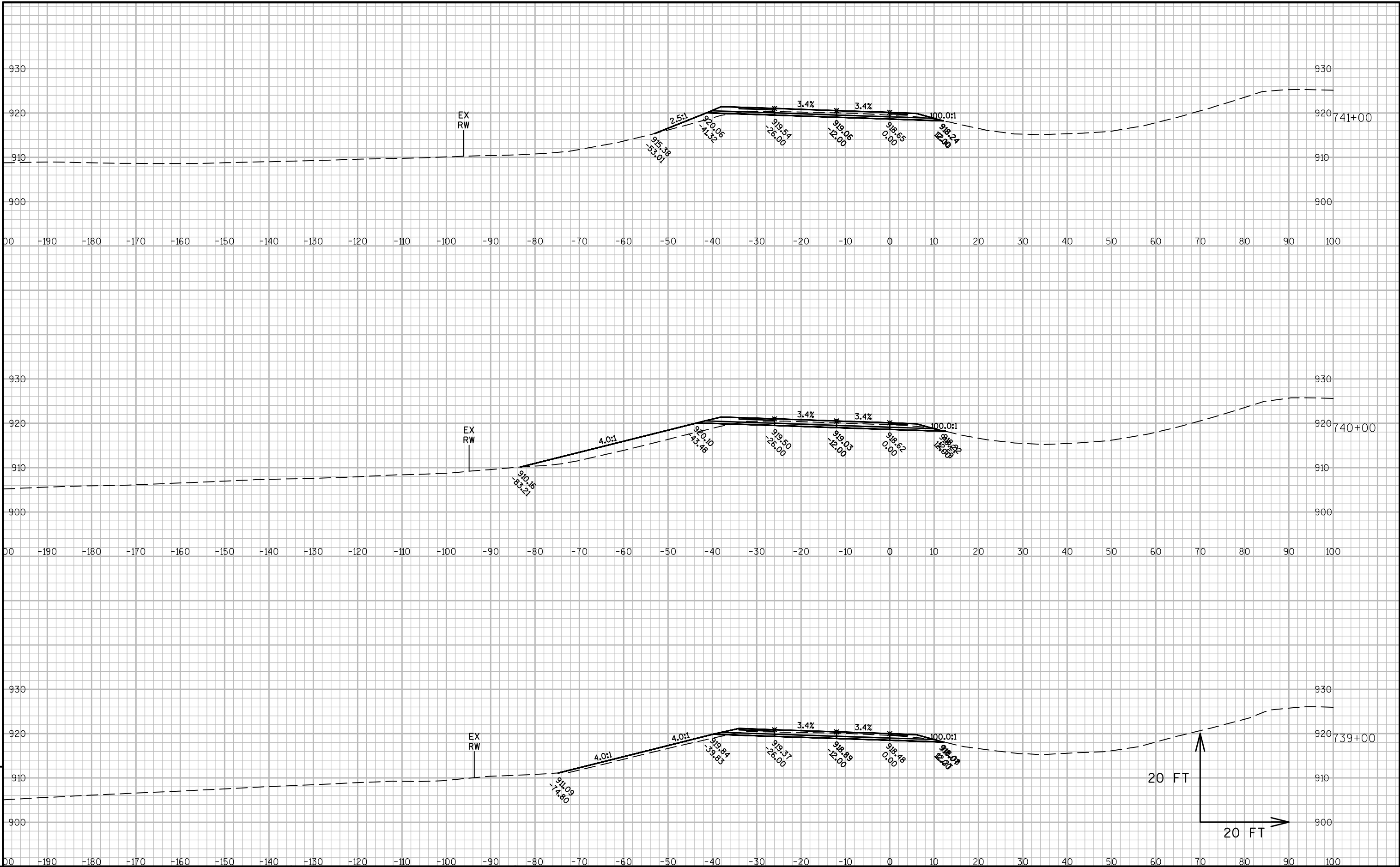


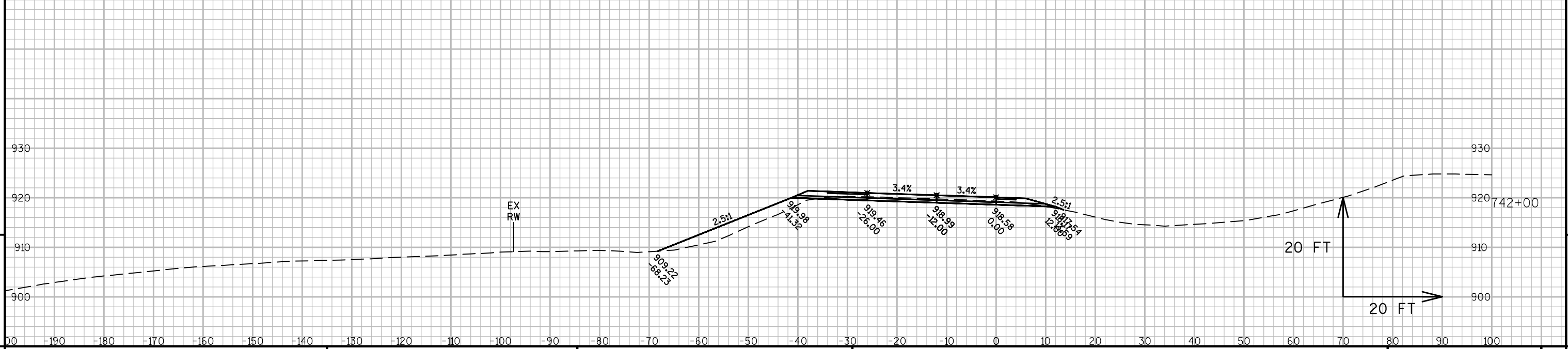
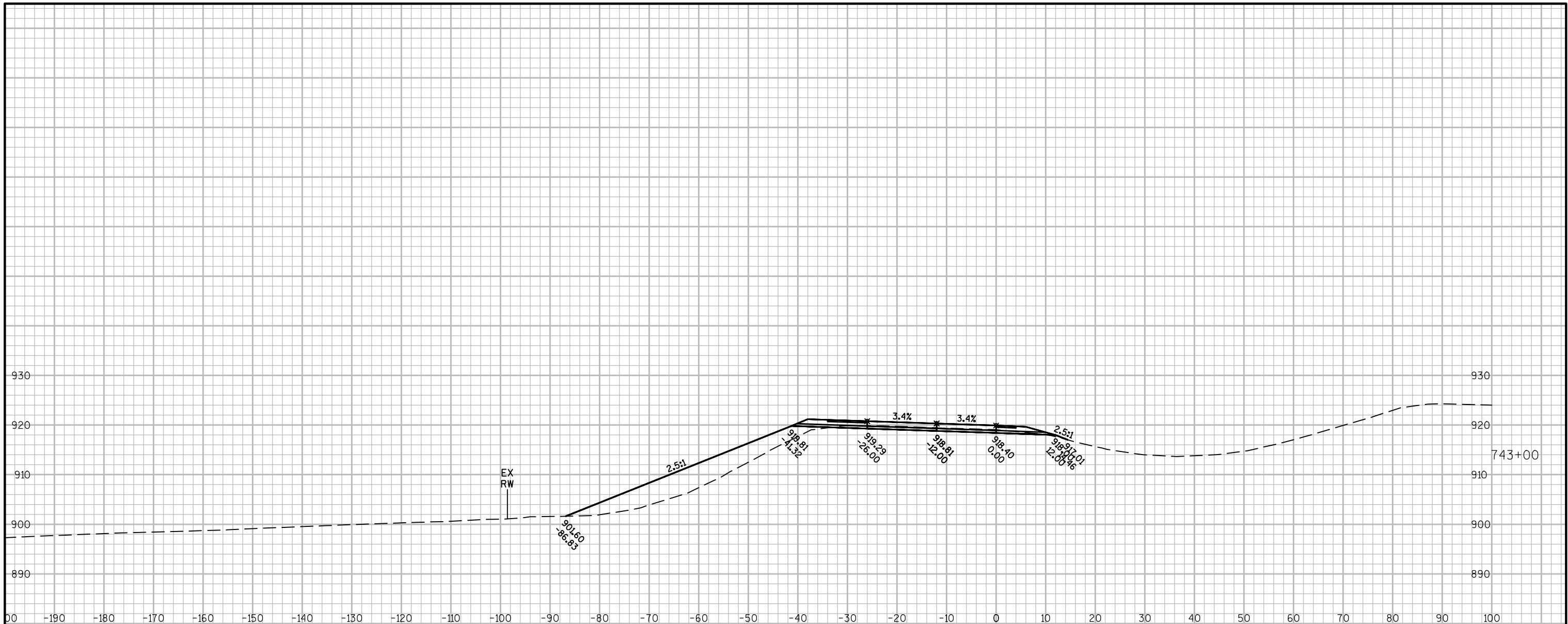




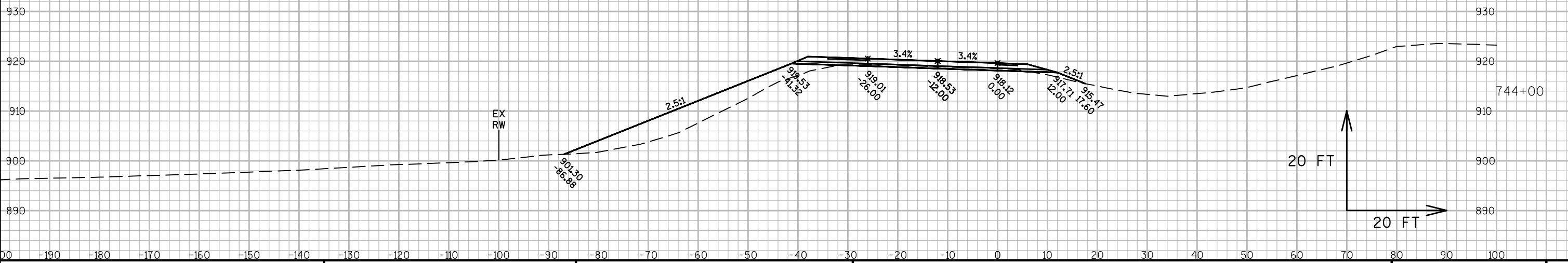


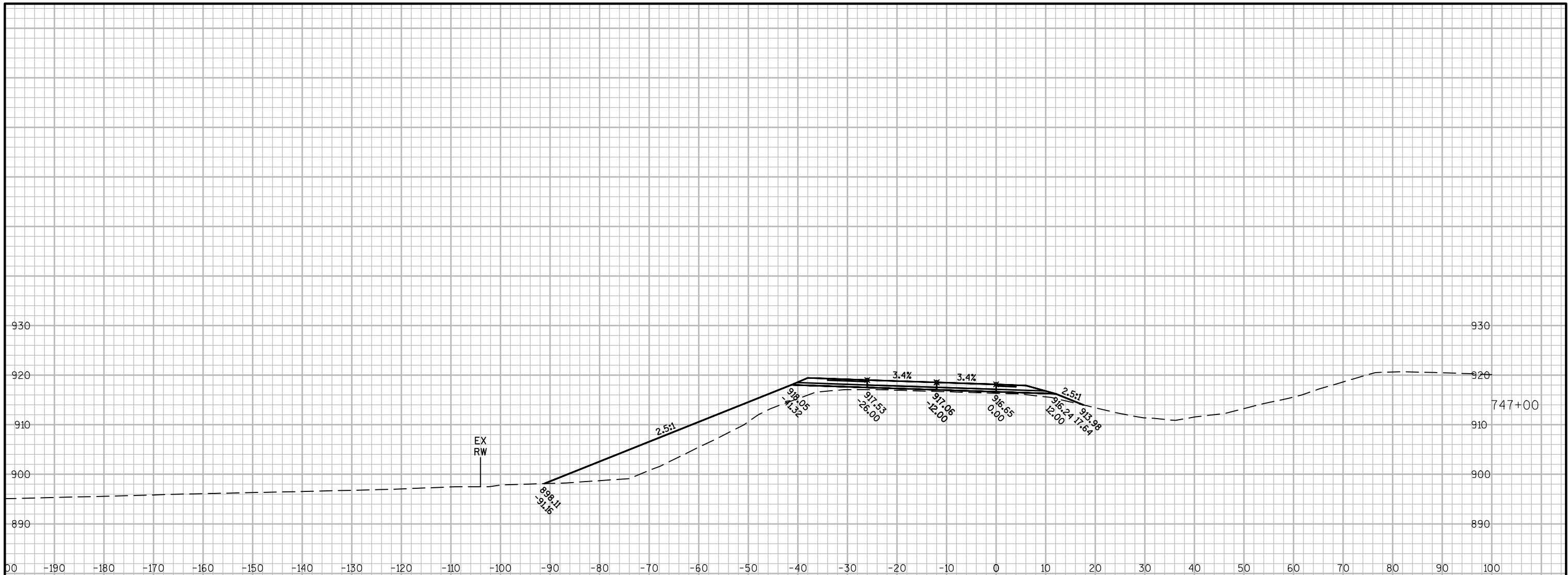


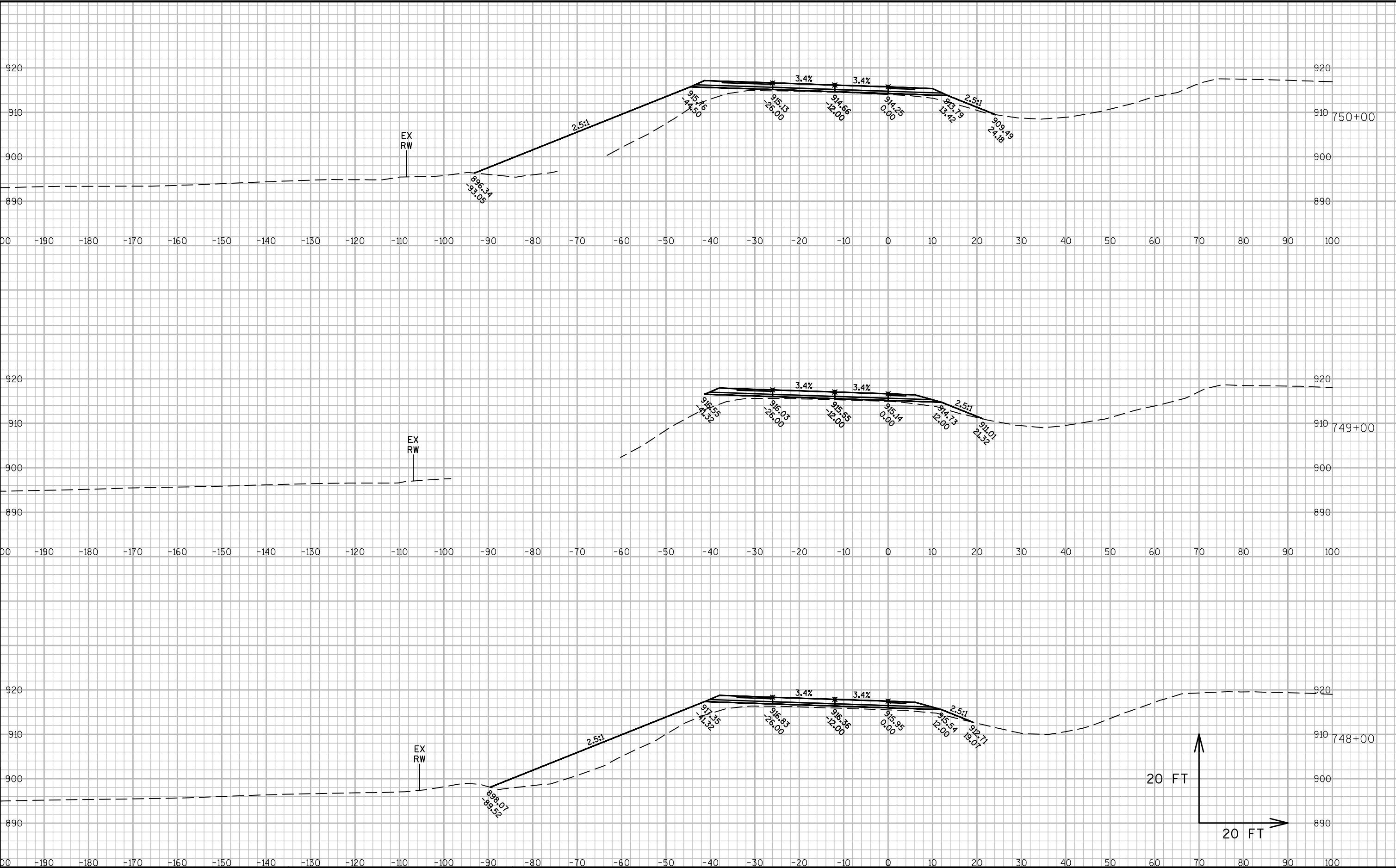


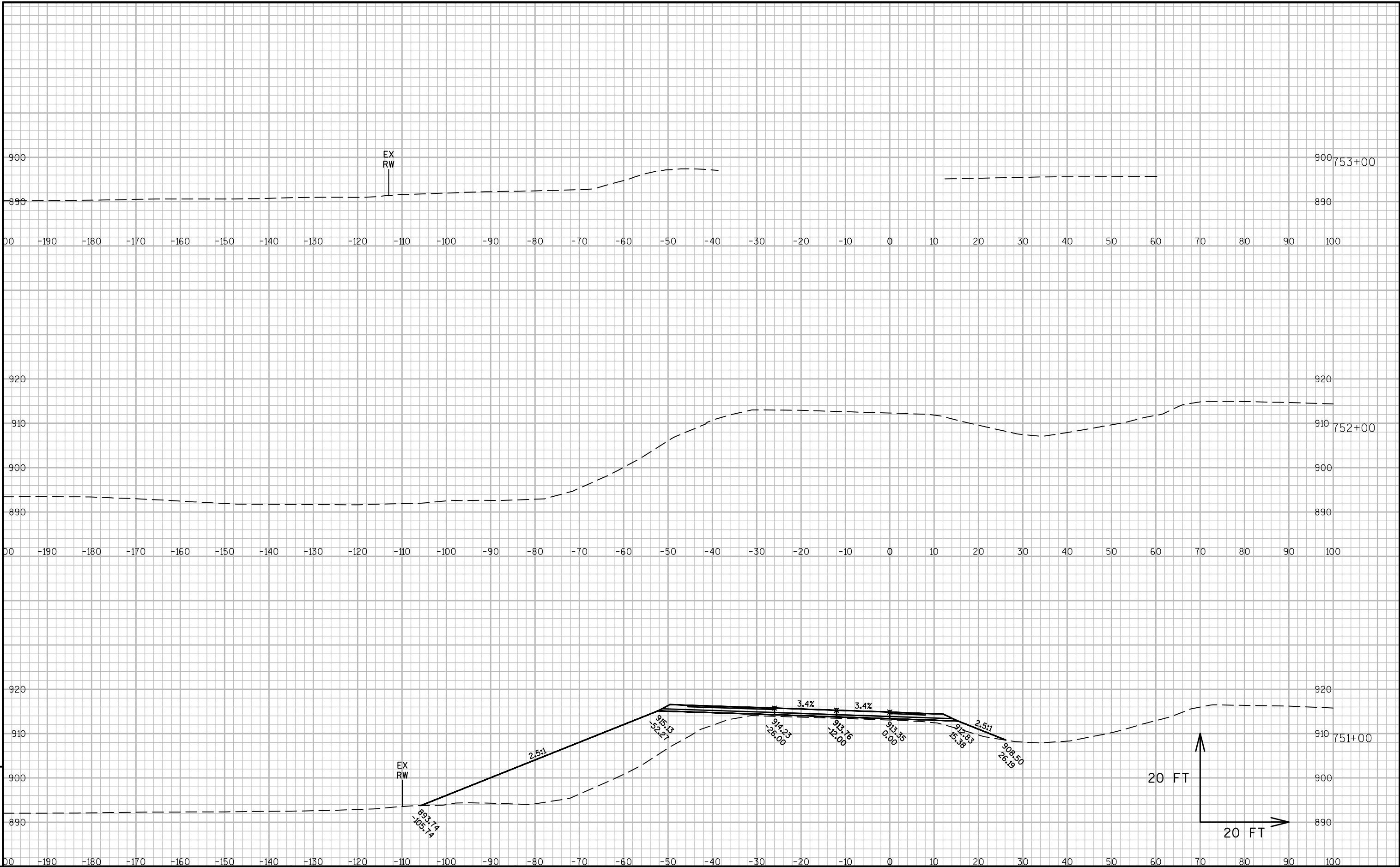


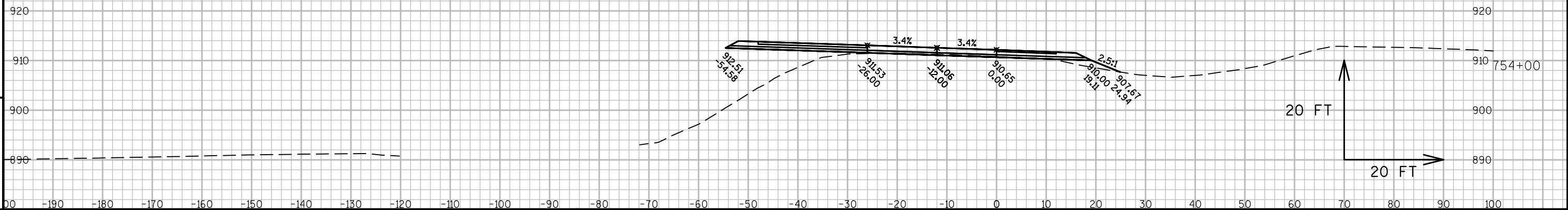
PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	CROSS SECTIONS: IH 94 WB STAGE 5	SHEET	E
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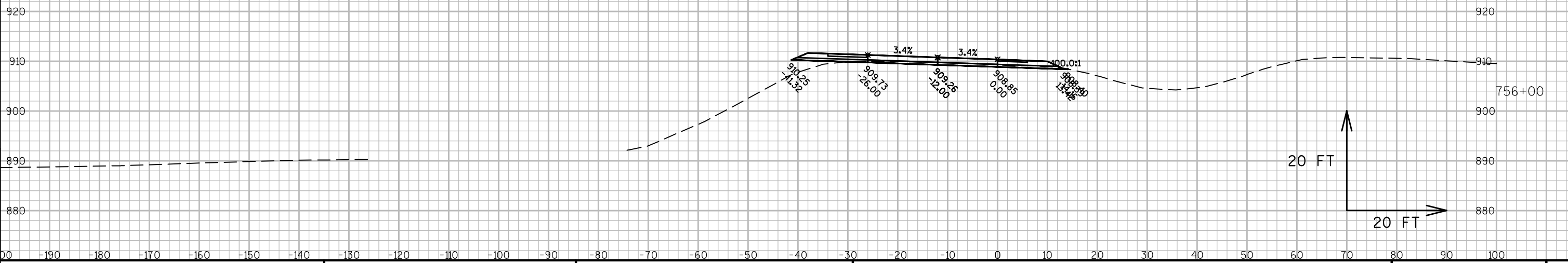
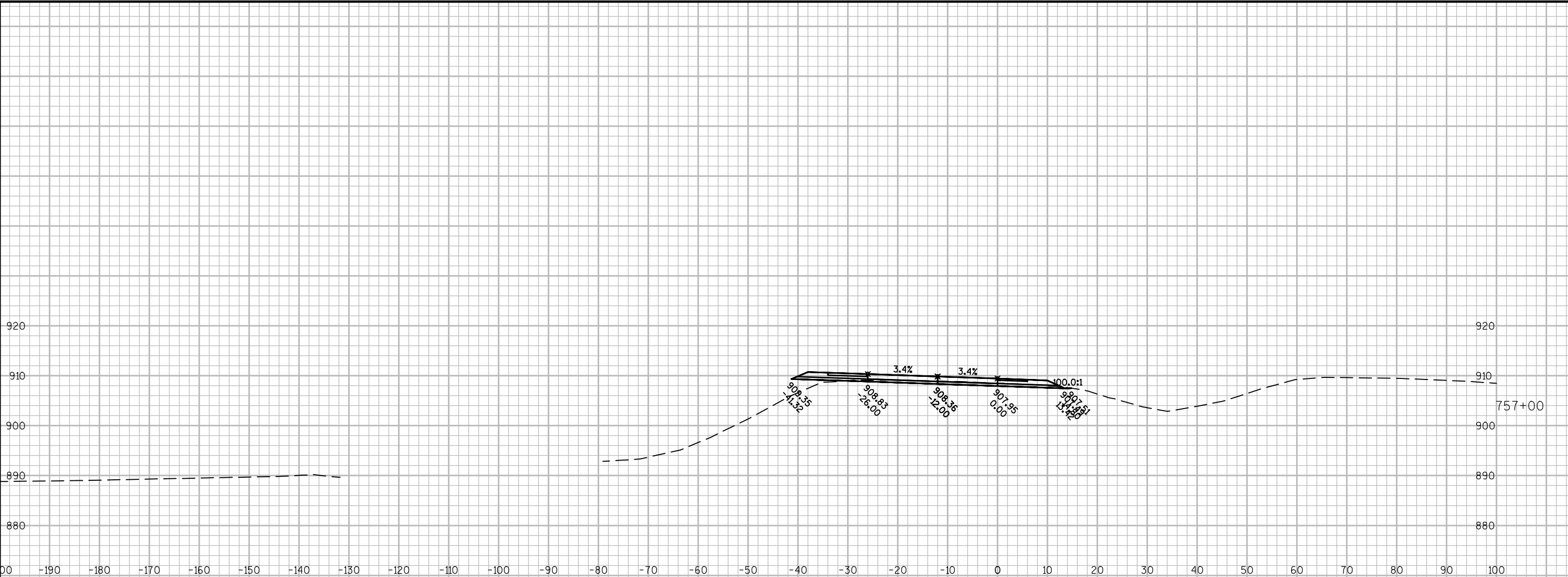






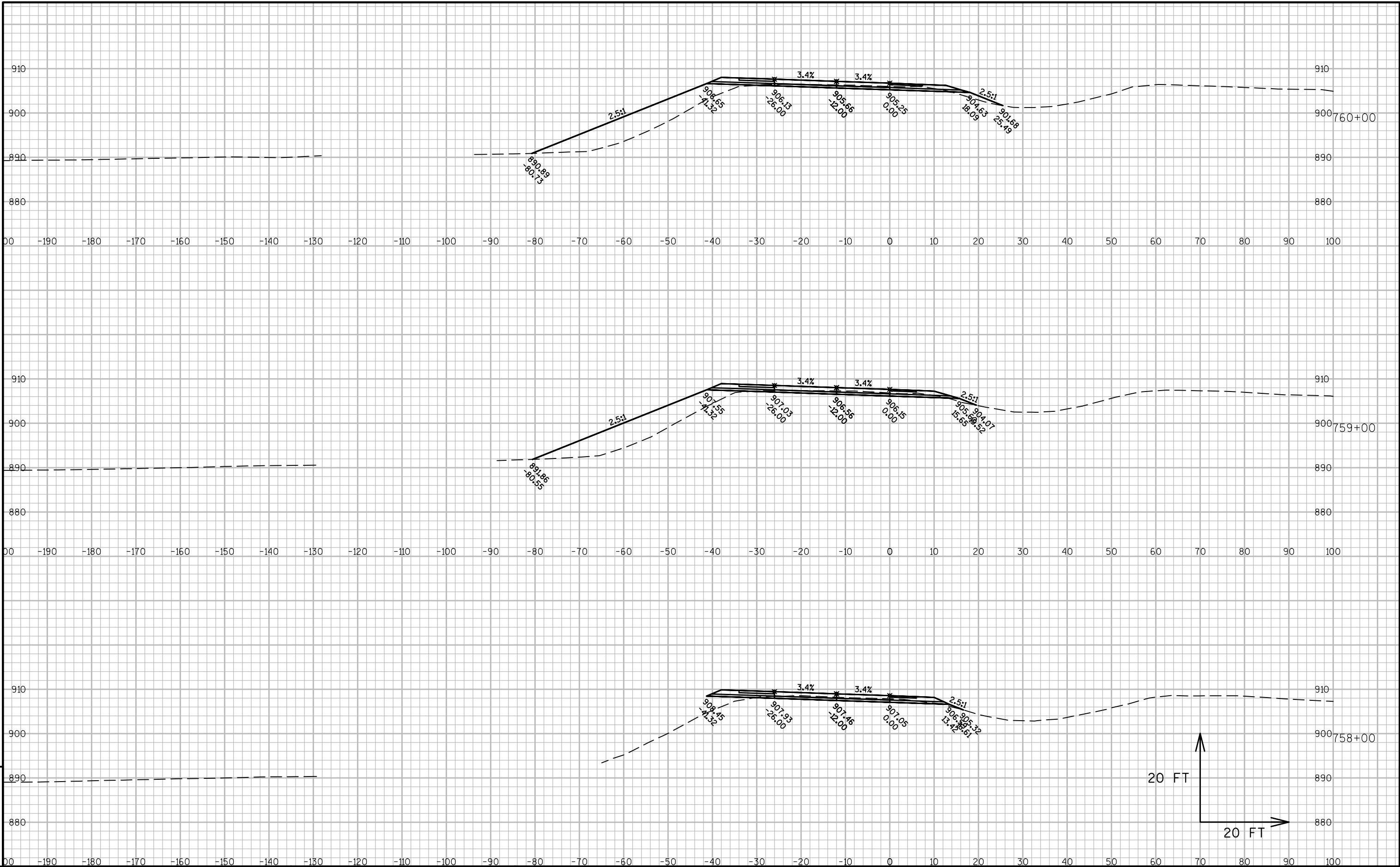


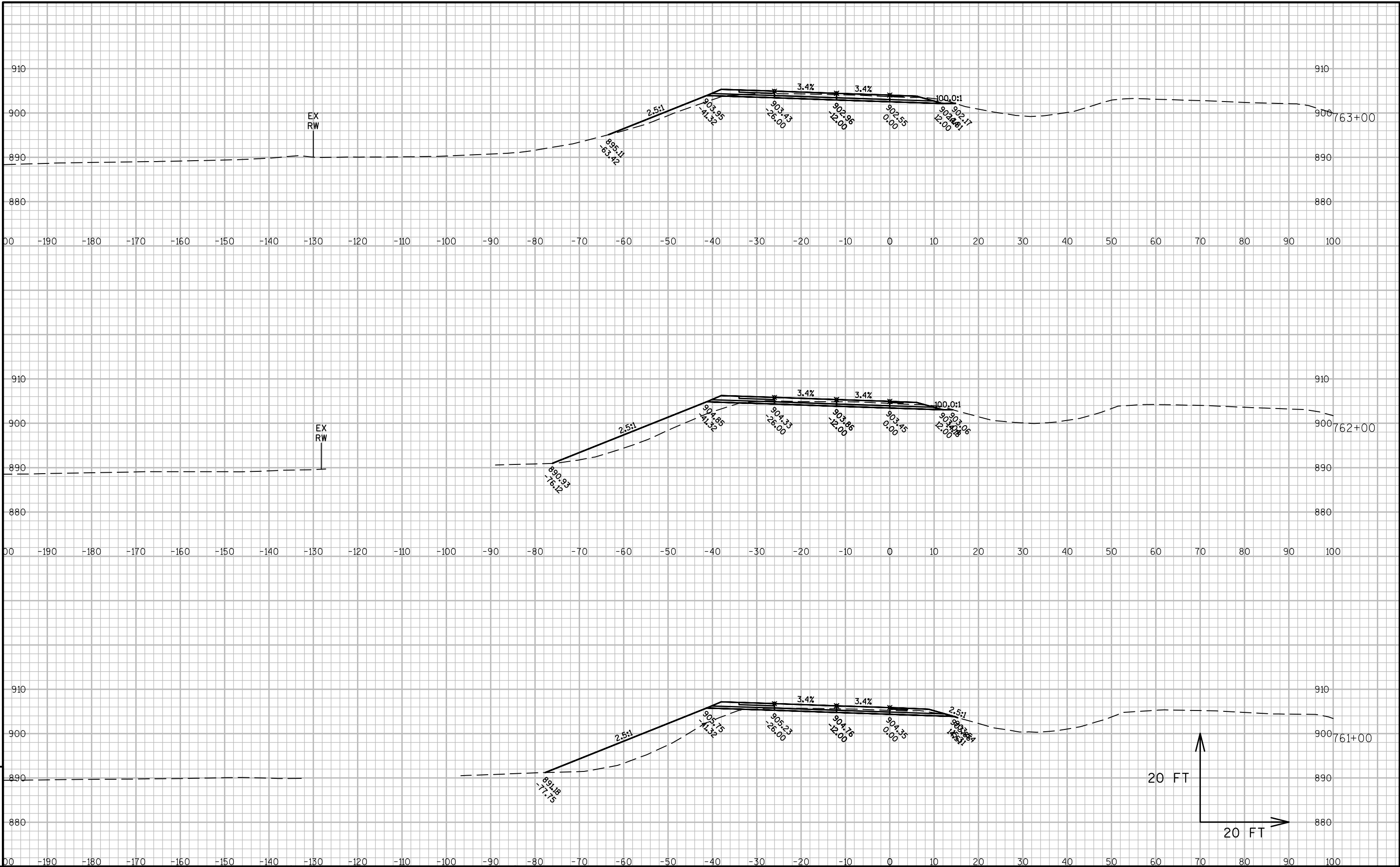


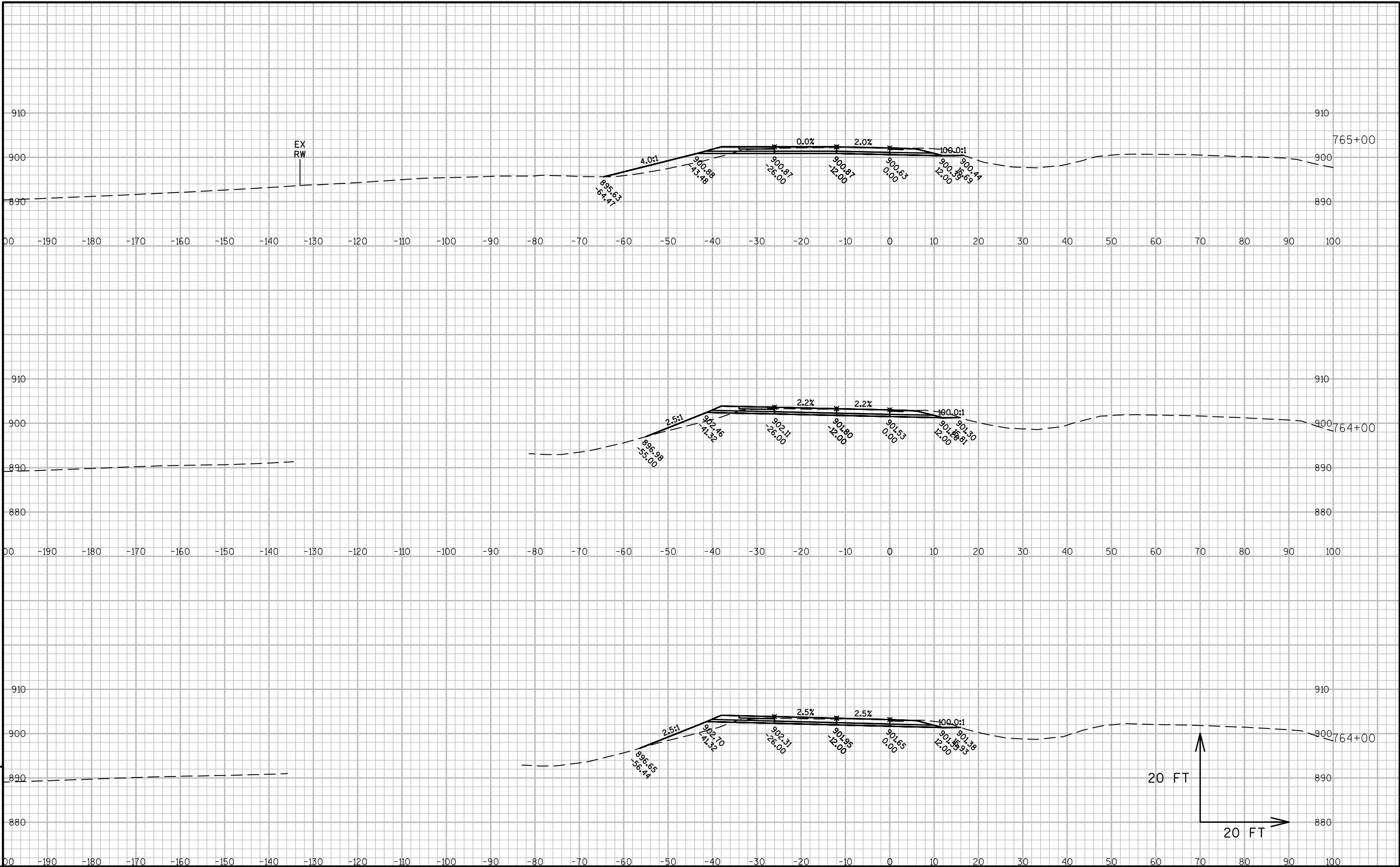


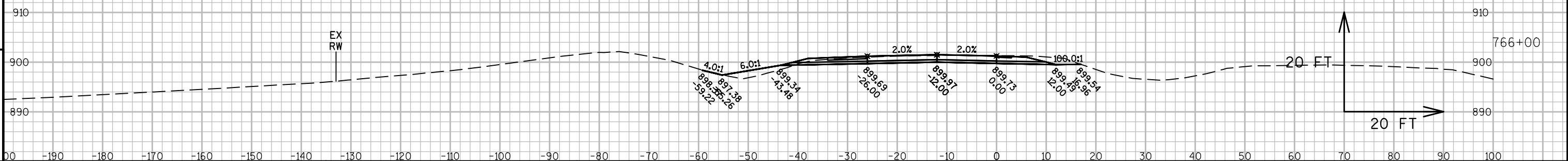
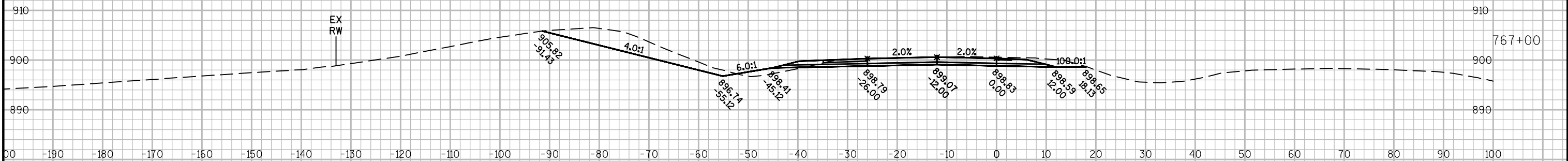
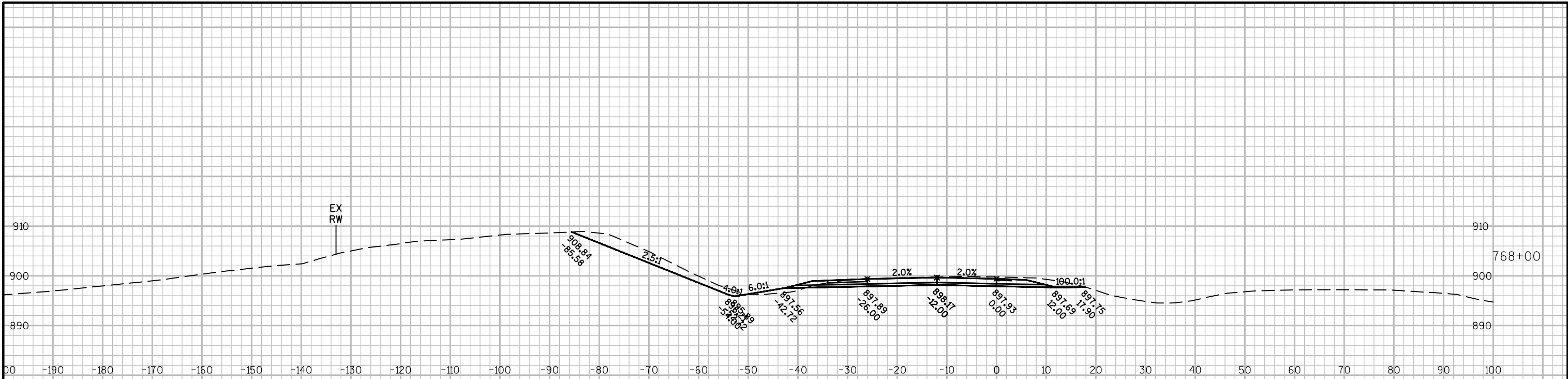
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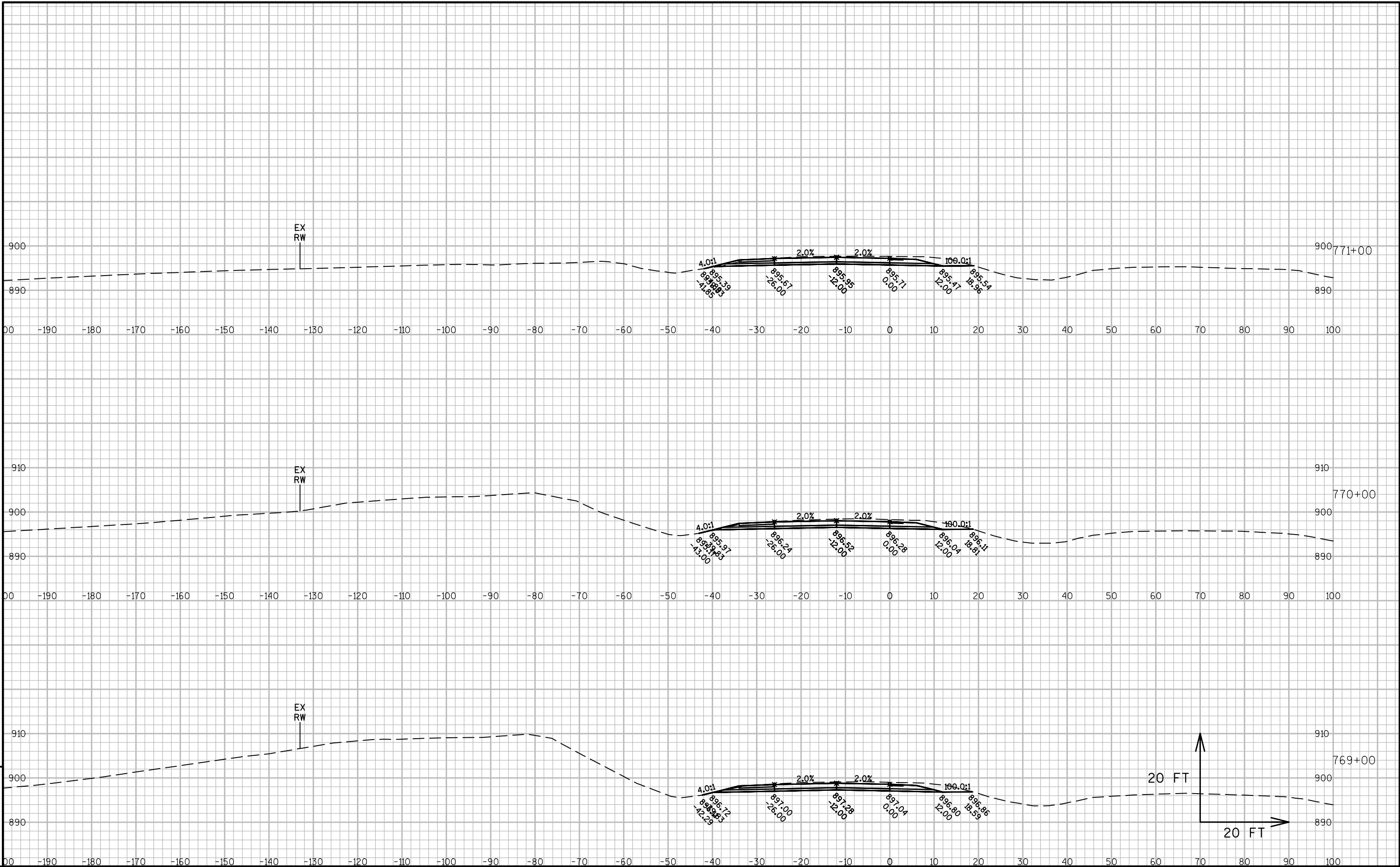
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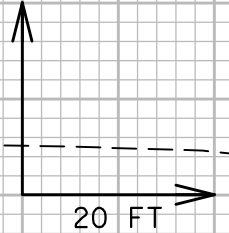
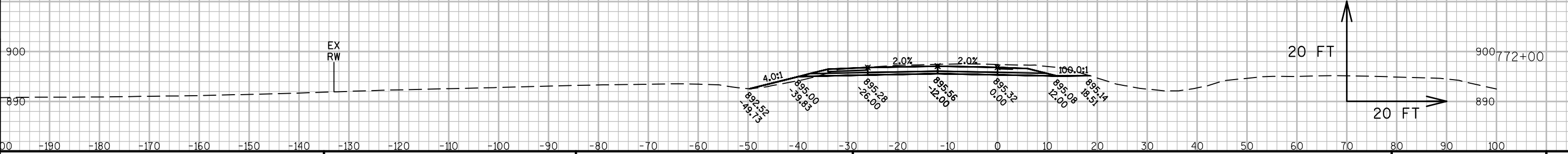
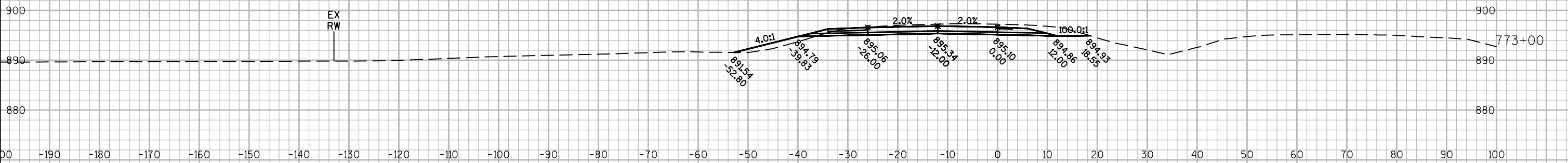
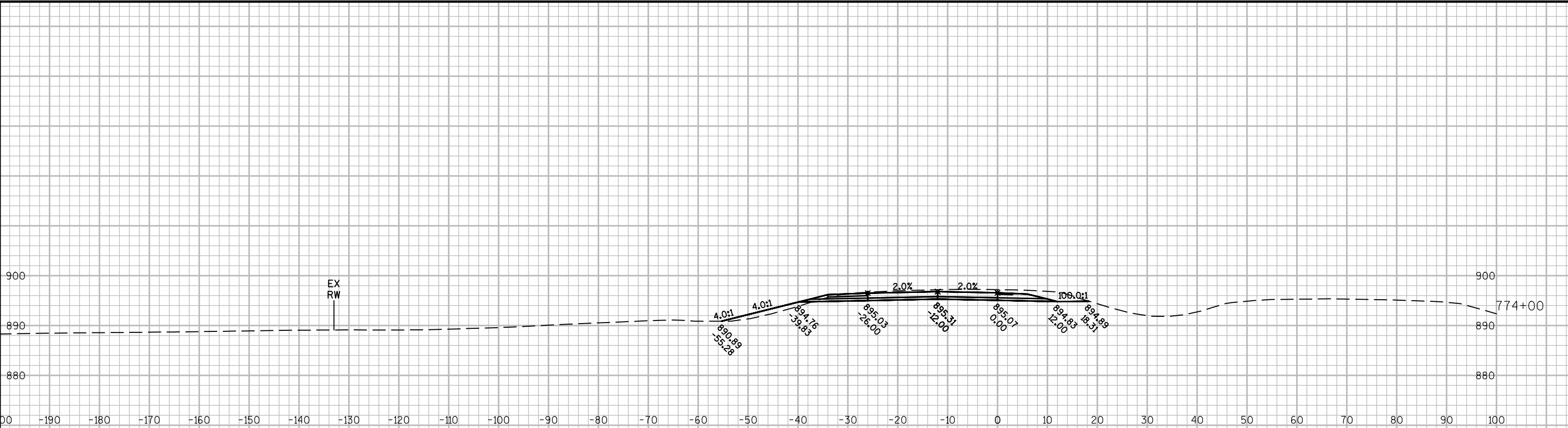


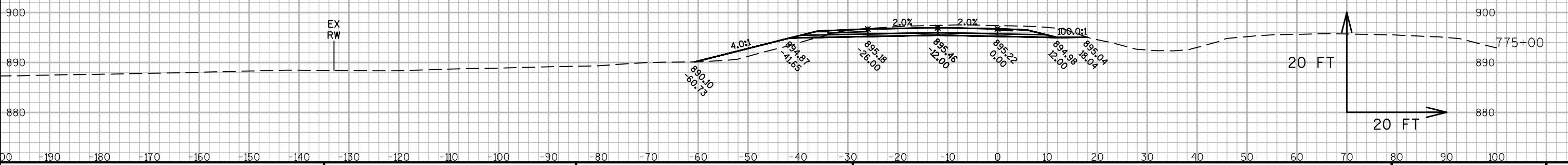
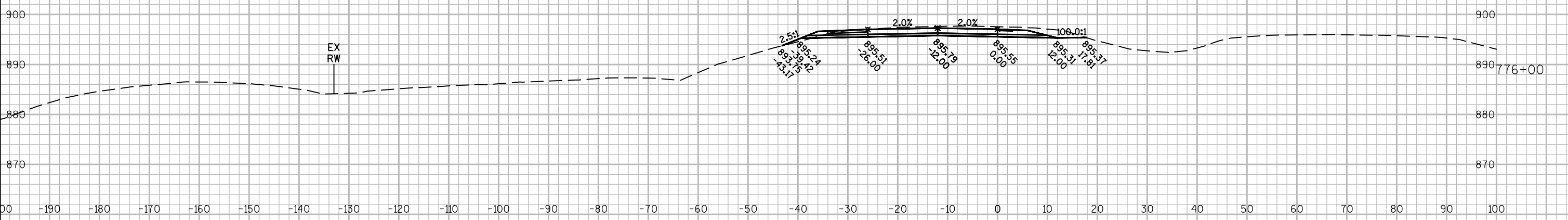


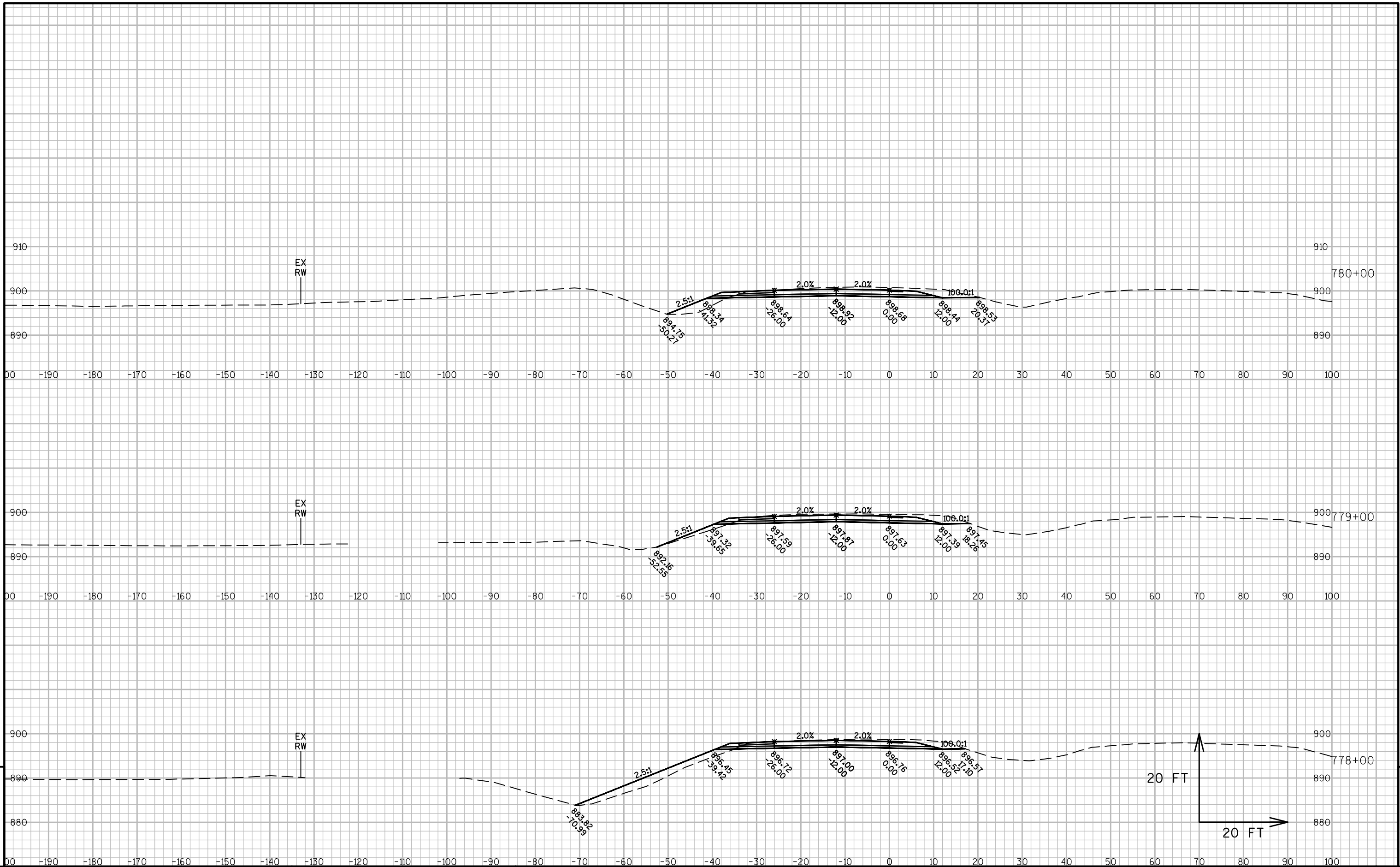


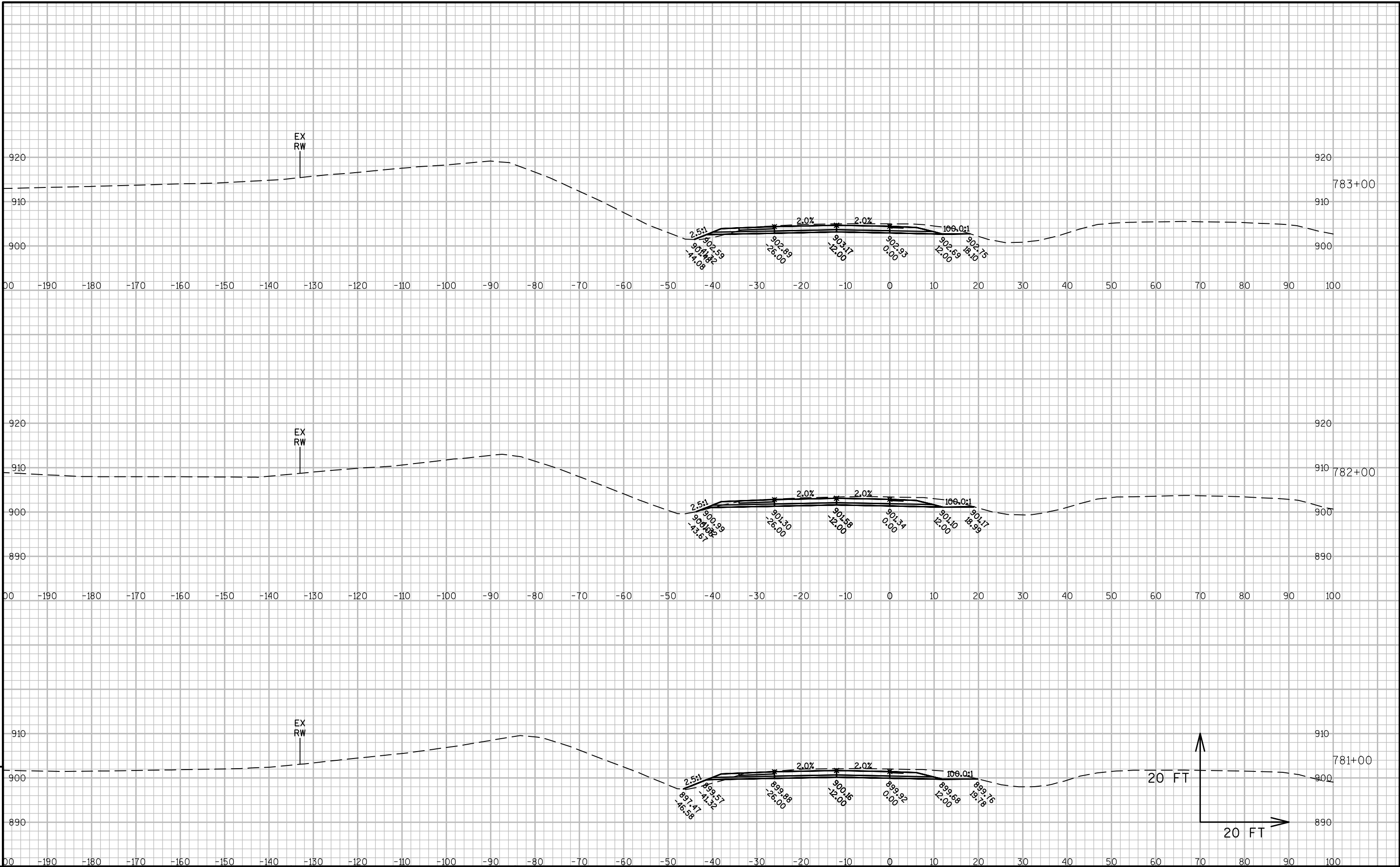


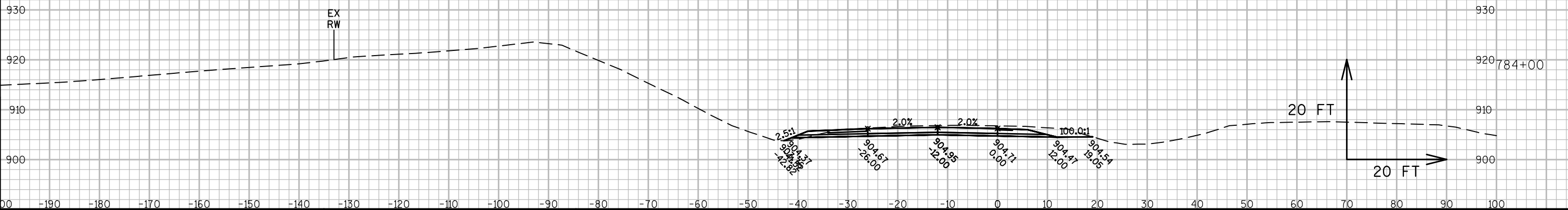
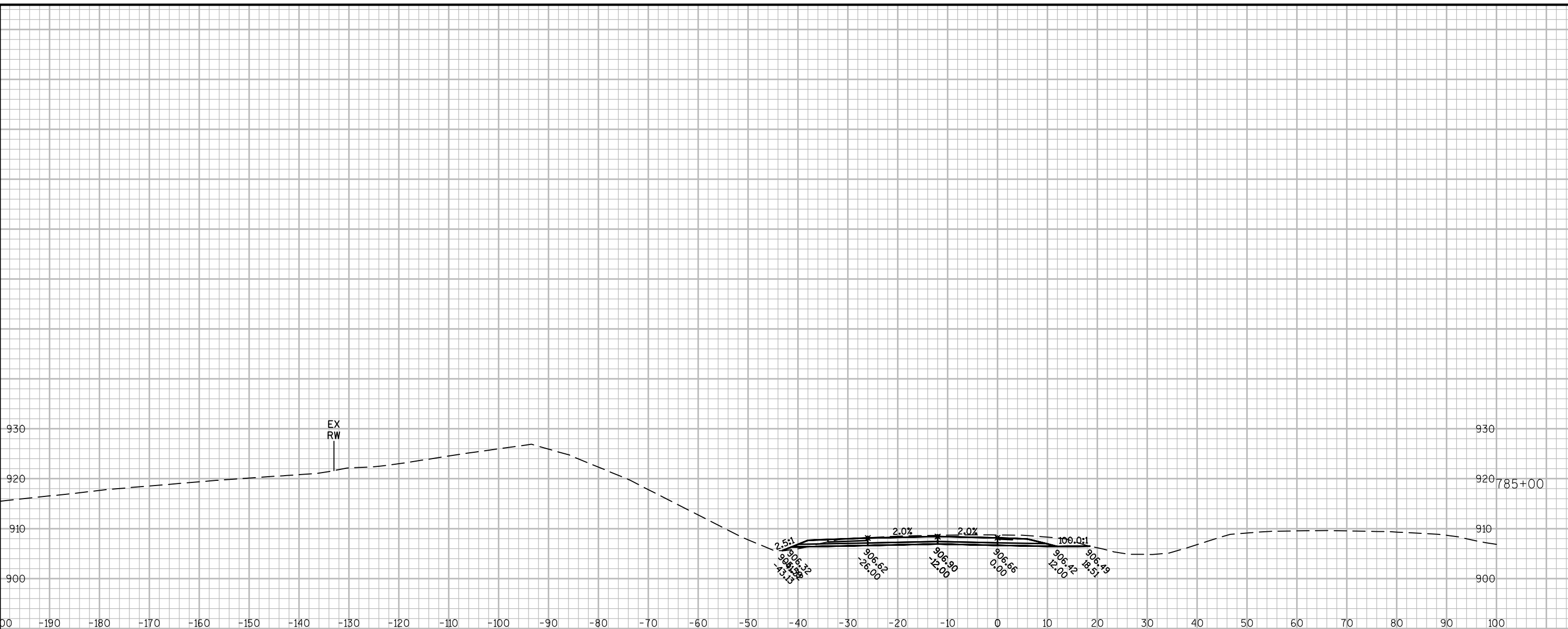


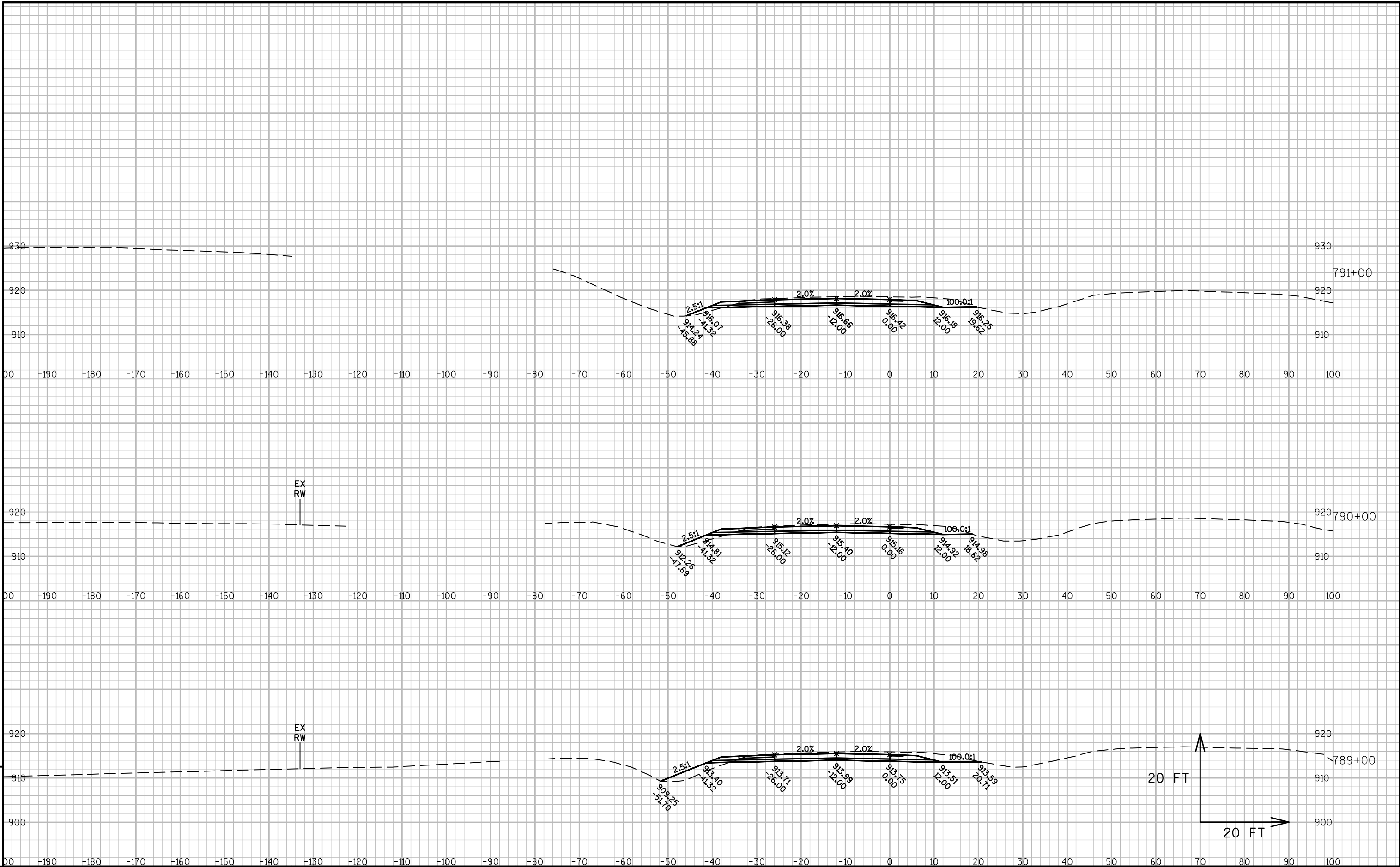


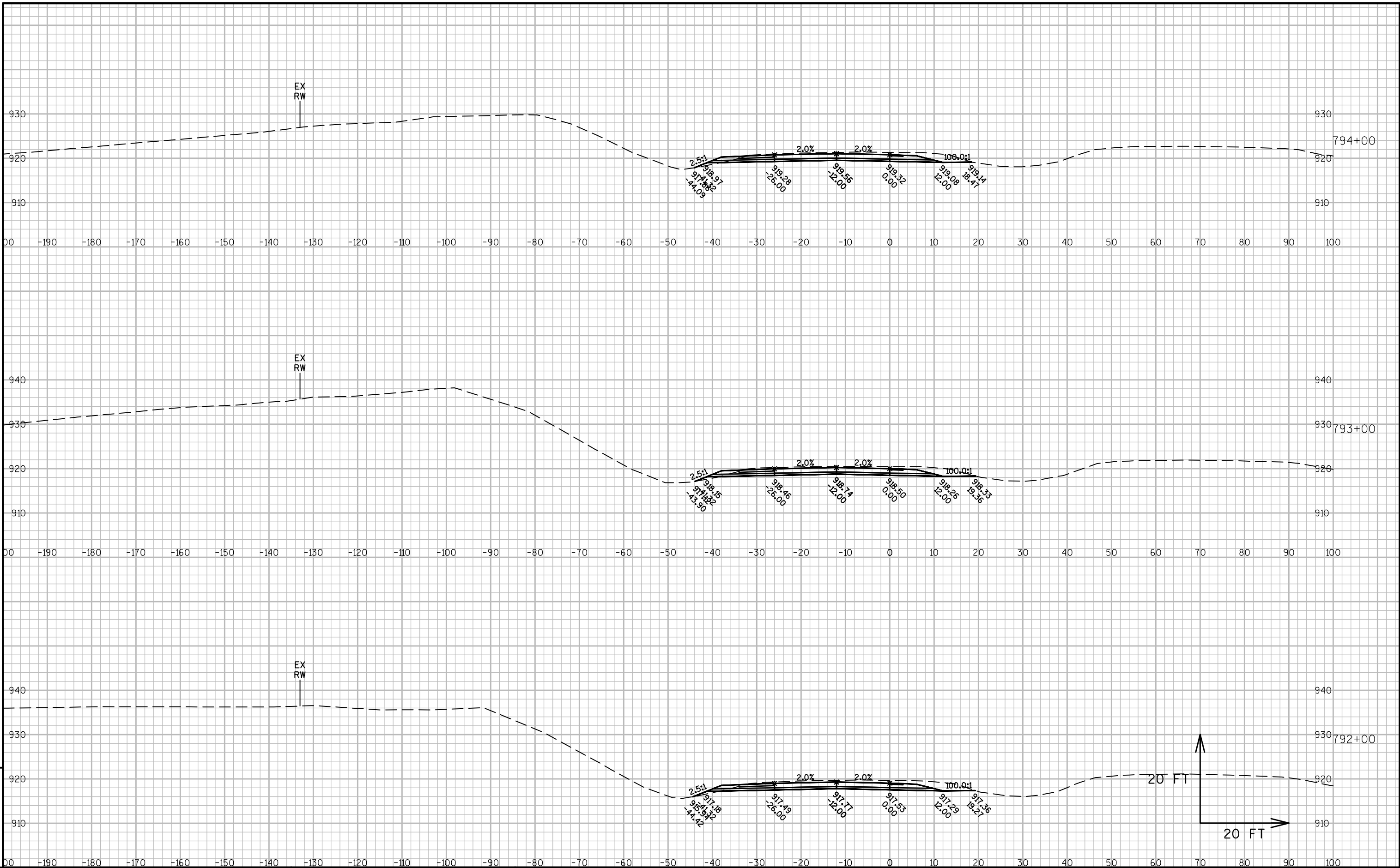


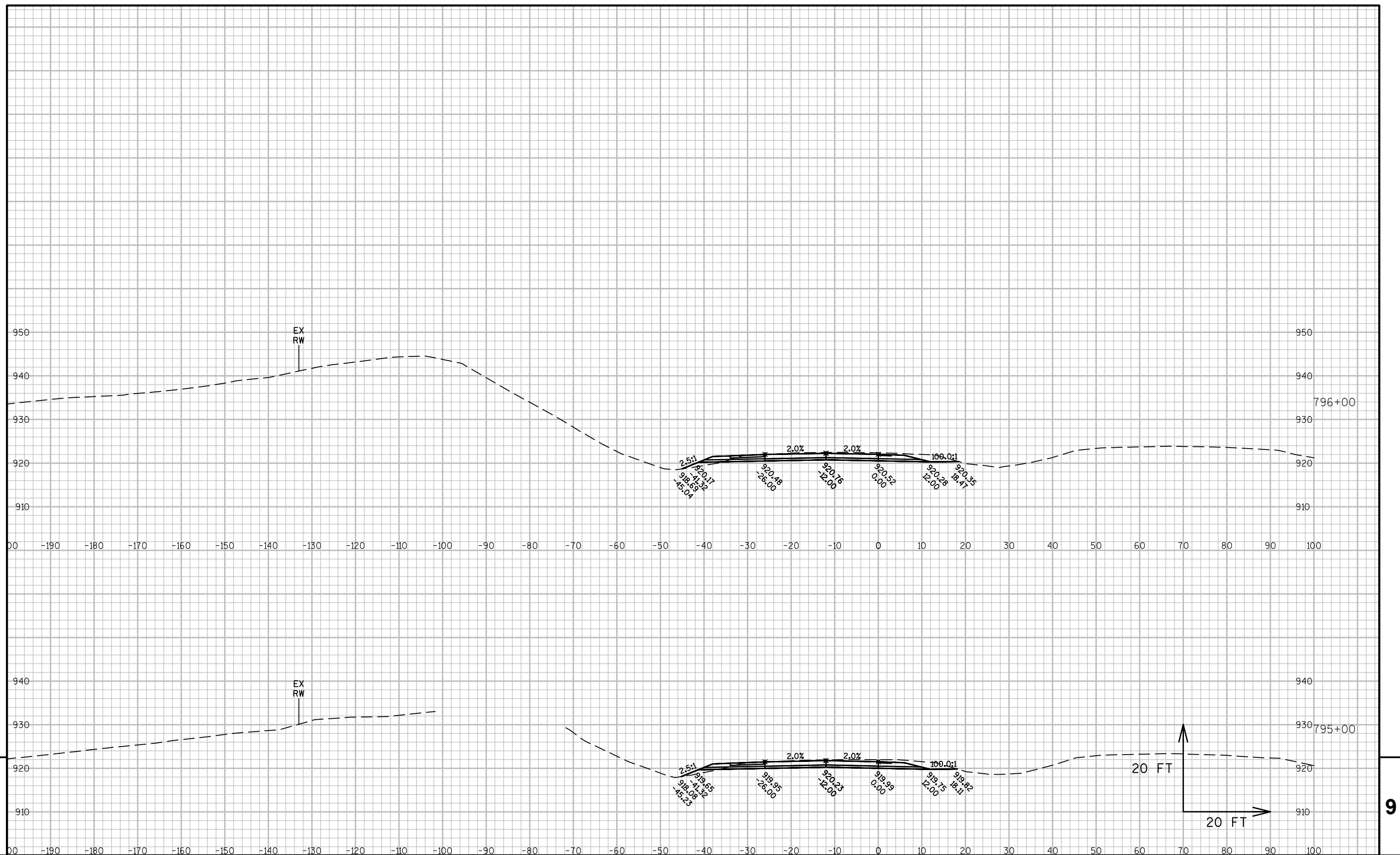
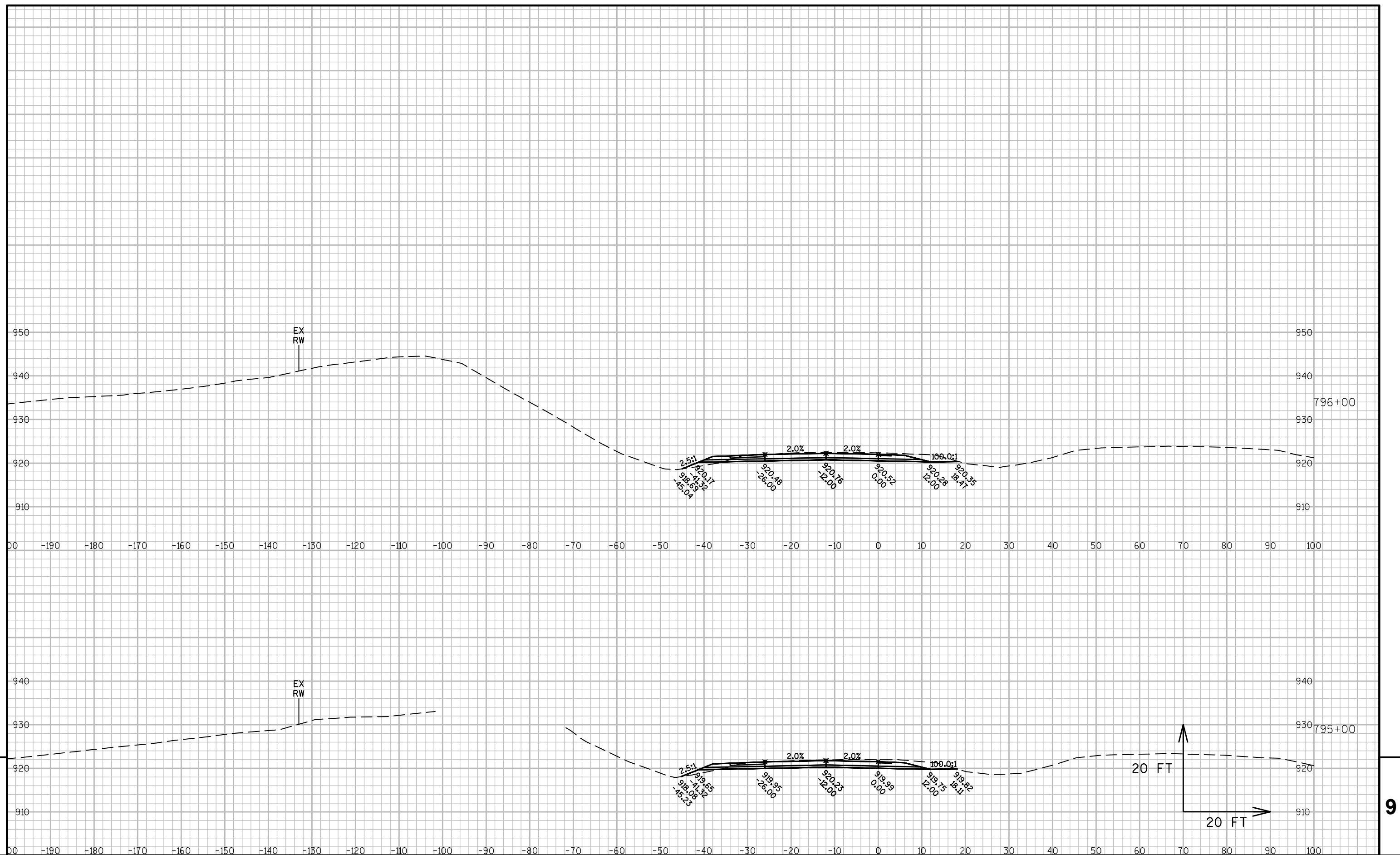












PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	CROSS SECTIONS:IH 94 WB STAGE 5	SHEET	E
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PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	CROSS SECTIONS:IH 94 WB STAGE 5	SHEET	E
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PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	CROSS SECTIONS:IH 94 WB STAGE 5	SHEET	E
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PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	CROSS SECTIONS:IH 94 WB STAGE 5	SHEET	E
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PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	CROSS SECTIONS:IH 94 WB STAGE 5	SHEET	E
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PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	CROSS SECTIONS:IH 94 WB STAGE 5	SHEET	E
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LAYOUT NAME - SECTION SHEET - (82)

PLOT DATE : 1/17/2017 3:55 PM

PLOT BY : ANDERSON, THOMAS R PLOT NAME :

PLOT SCALE : 1 IN=20 FT

WISDOT/CADDs SHEET 49

FILE NAME : N:\PDS\C3D\10220706\SHEETSOTHER\XS_EAST_STAGE3_REVISED_TO_STAGE5_1078.DWG
LAYOUT NAME - SECTION SHEET - (82)

PLOT DATE : 1/17/2017 3:55 PM

PLOT BY : ANDERSON, THOMAS R PLOT NAME :

PLOT SCALE : 1 IN=20 FT

WISDOT/CADDs SHEET 49

FILE NAME : N:\PDS\C3D\10220706\SHEETSOTHER\XS_EAST_STAGE3_REVISED_TO_STAGE5_1078.DWG
LAYOUT NAME - SECTION SHEET - (82)

PLOT DATE : 1/17/2017 3:55 PM

PLOT BY : ANDERSON, THOMAS R PLOT NAME :

PLOT SCALE : 1 IN=20 FT

WISDOT/CADDs SHEET 49

FILE NAME : N:\PDS\C3D\10220706\SHEETSOTHER\XS_EAST_STAGE3_REVISED_TO_STAGE5_1078.DWG
LAYOUT NAME - SECTION SHEET - (82)

PLOT DATE : 1/17/2017 3:55 PM

PLOT BY : ANDERSON, THOMAS R PLOT NAME :

PLOT SCALE : 1 IN=20 FT

WISDOT/CADDs SHEET 49

FILE NAME : N:\PDS\C3D\10220706\SHEETSOTHER\XS_EAST_STAGE3_REVISED_TO_STAGE5_1078.DWG
LAYOUT NAME - SECTION SHEET - (82)

PLOT DATE : 1/17/2017 3:55 PM

PLOT BY : ANDERSON, THOMAS R PLOT NAME :

PLOT SCALE : 1 IN=20 FT

WISDOT/CADDs SHEET 49

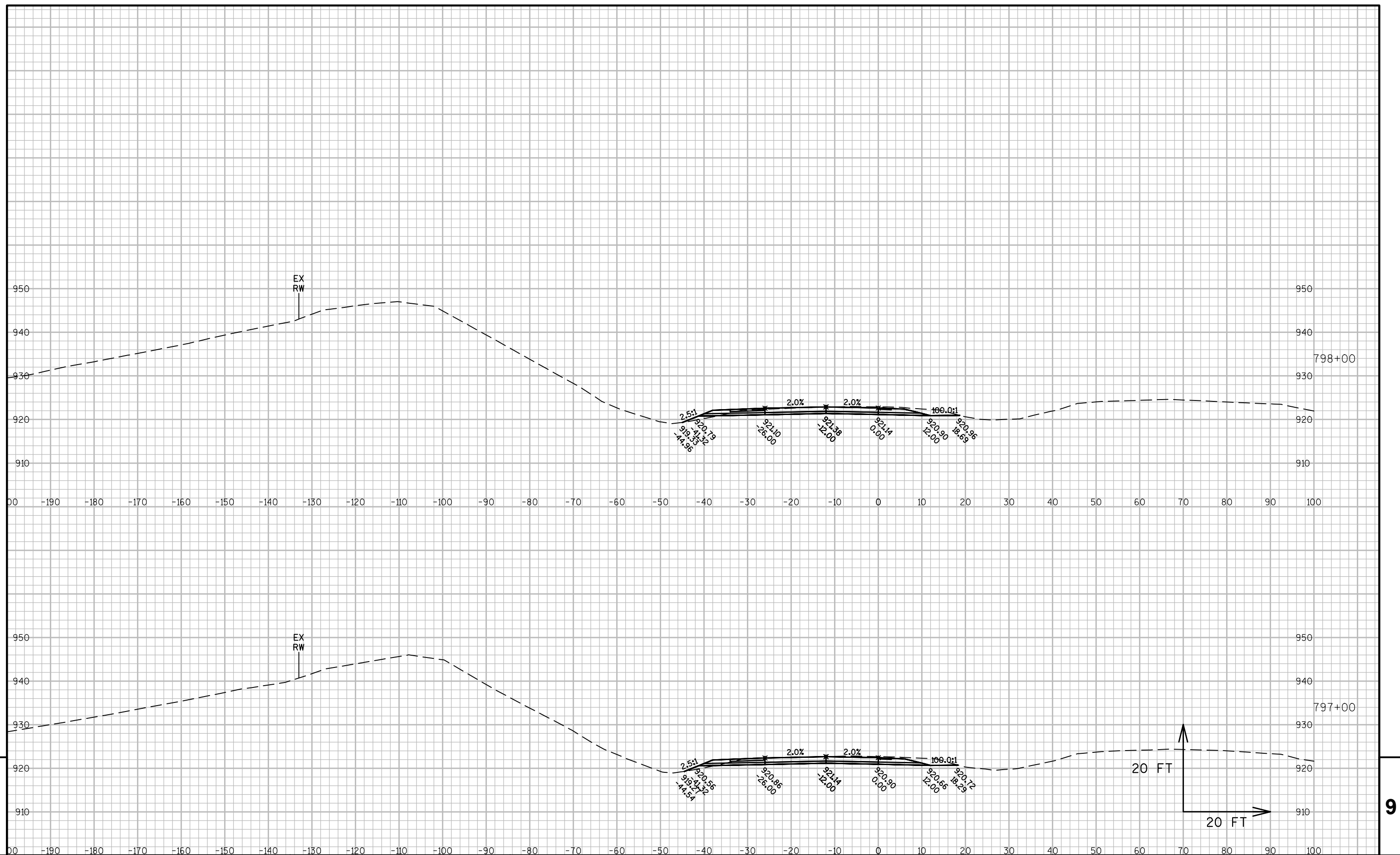
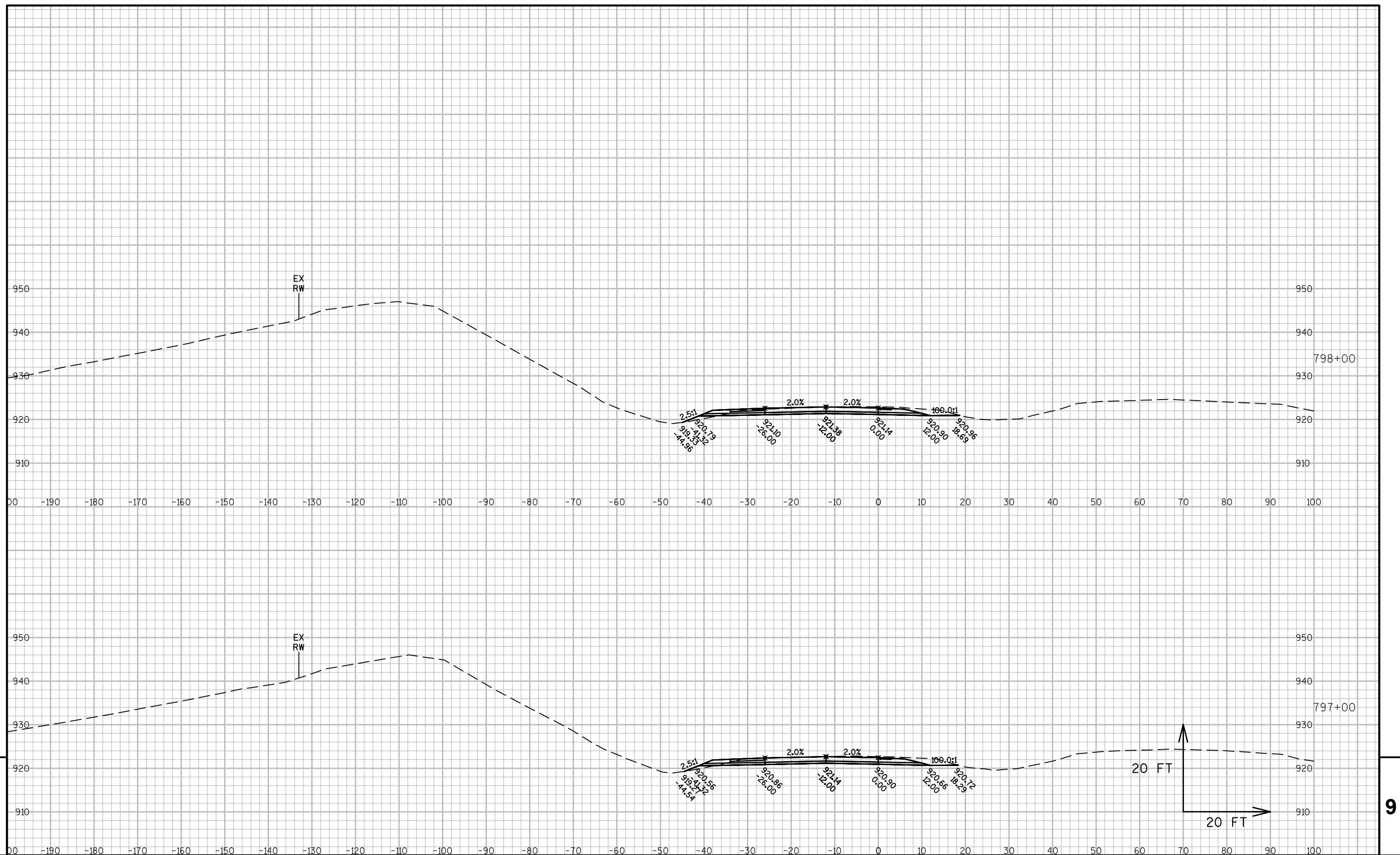
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LAYOUT NAME - SECTION SHEET - (82)

PLOT DATE : 1/17/2017 3:55 PM

PLOT BY : ANDERSON, THOMAS R PLOT NAME :

PLOT SCALE : 1 IN=20 FT

WISDOT/CADDs SHEET 49



PROJECT NO:1022-08-72	HWY:IH 94	COUNTY:DUNN	CROSS SECTIONS:IH 94 WB STAGE 5	SHEET	E
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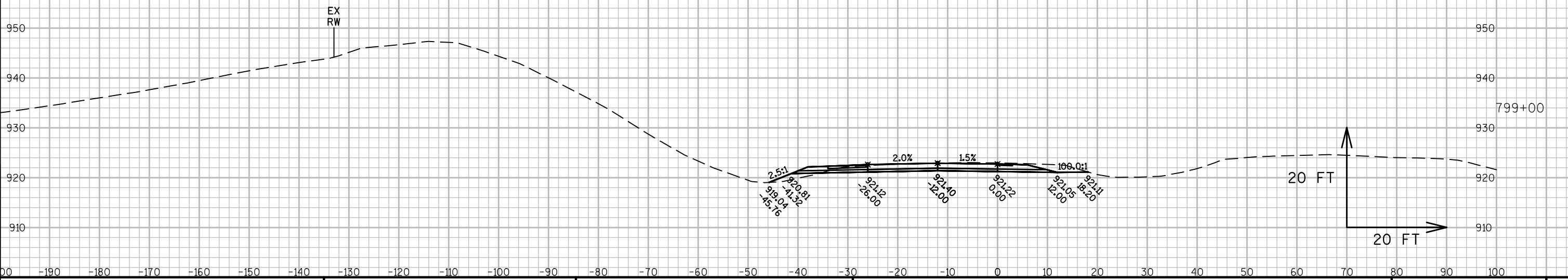
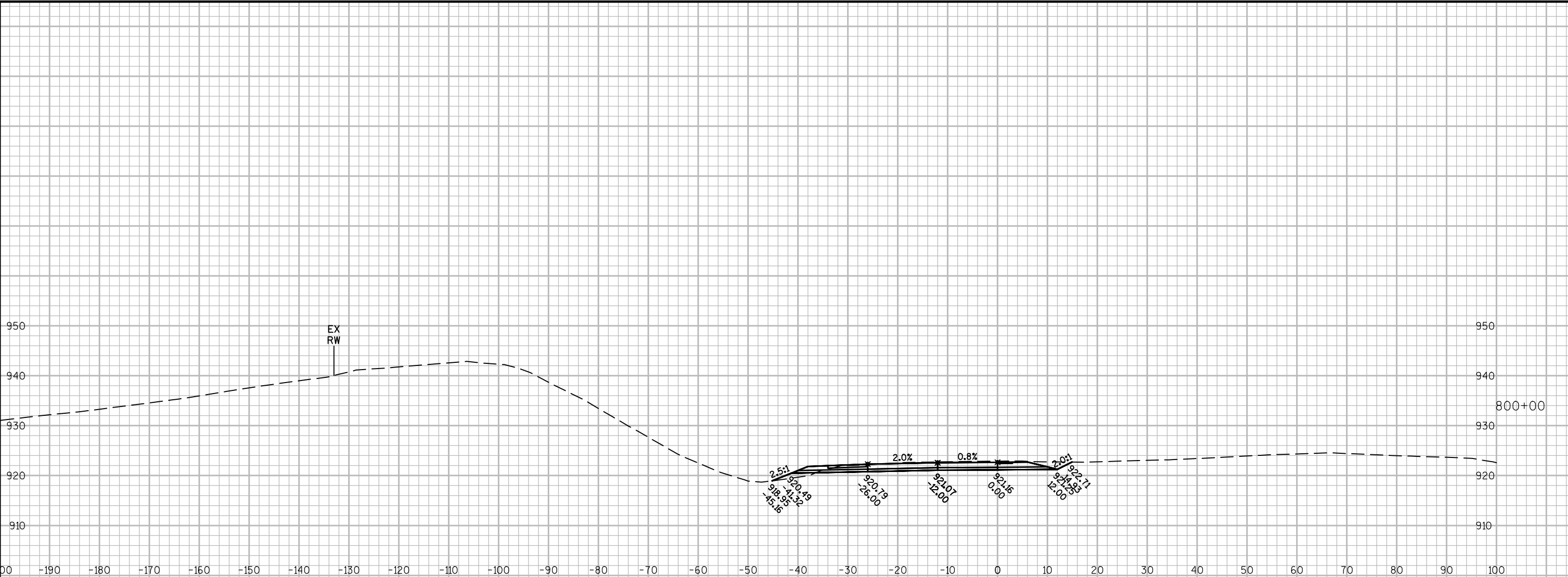
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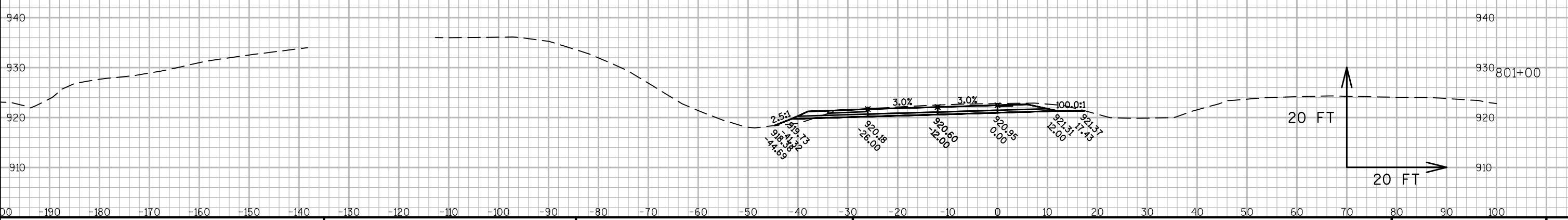
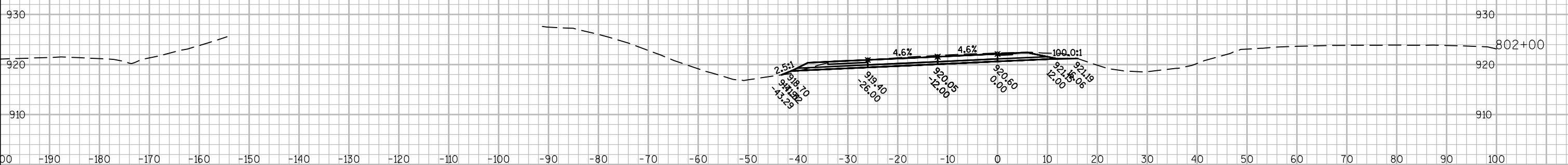
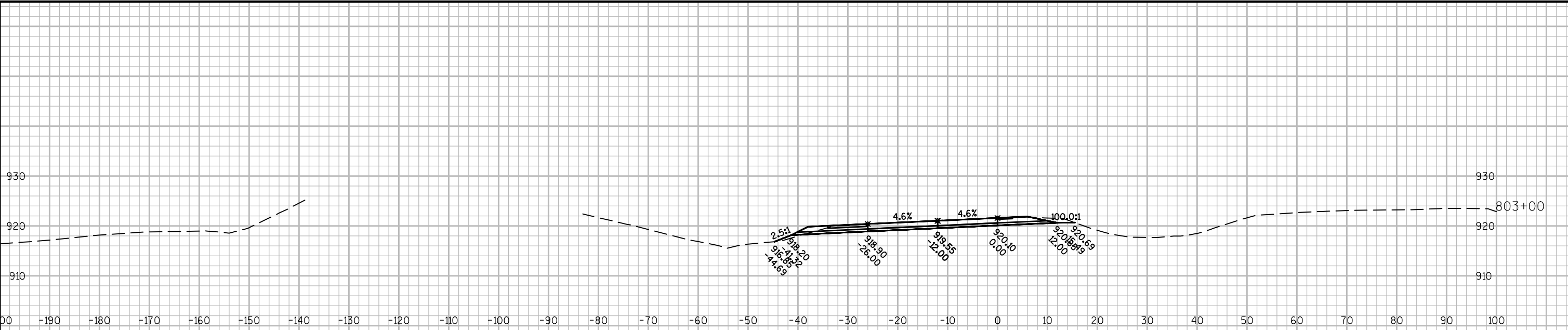
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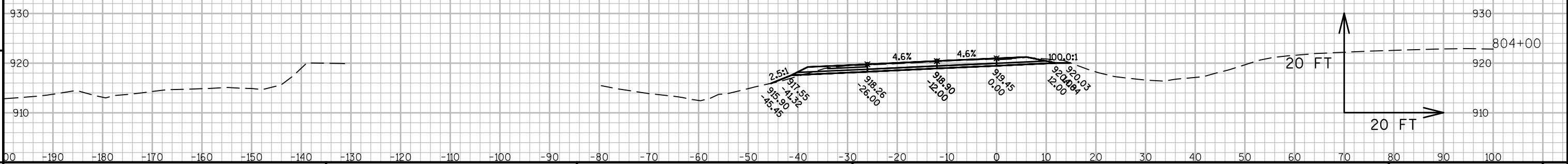
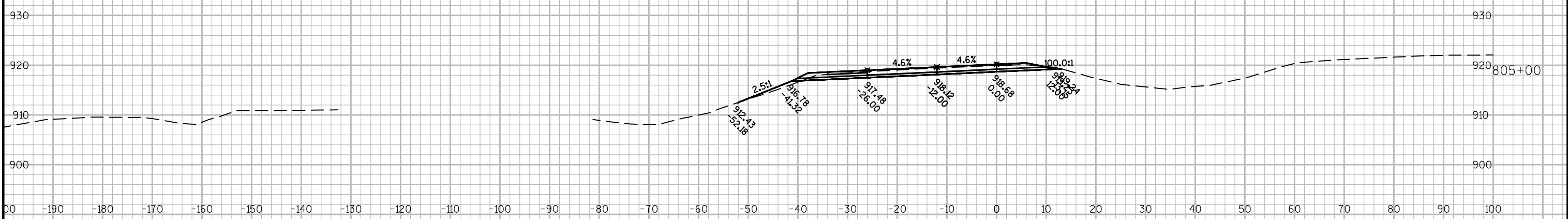
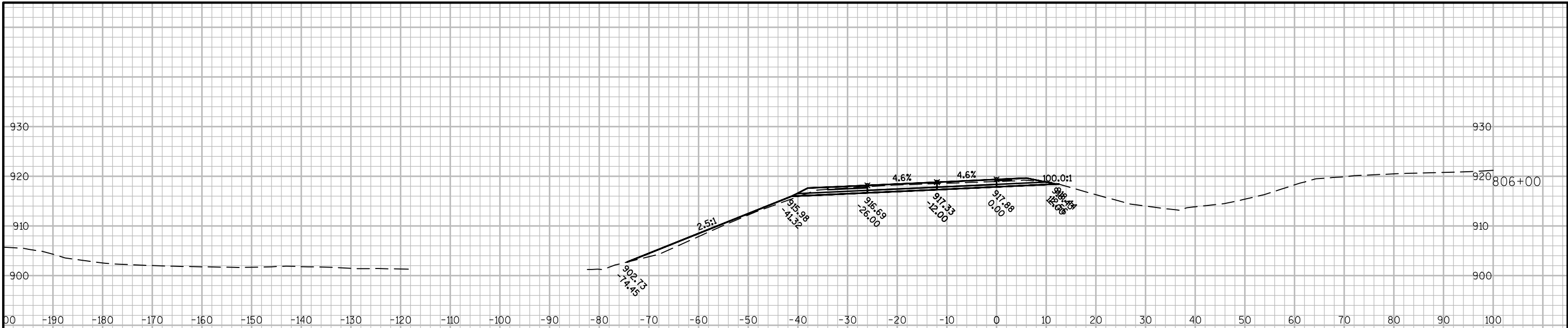
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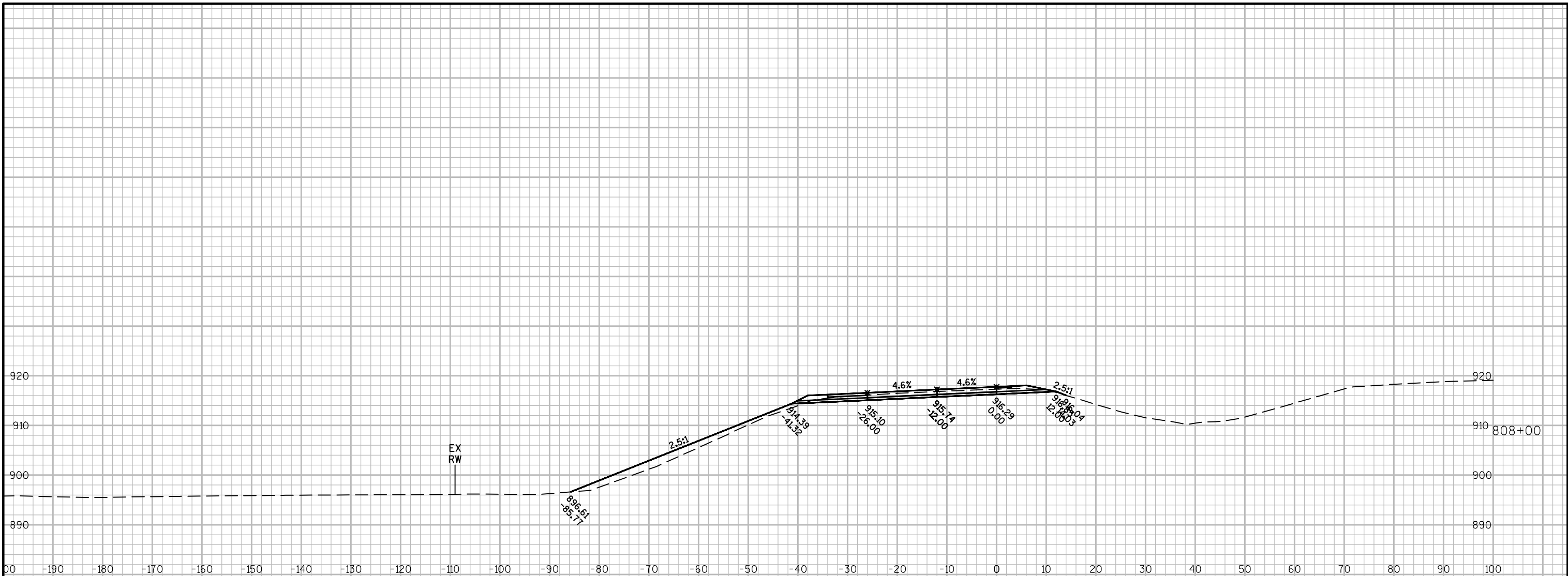
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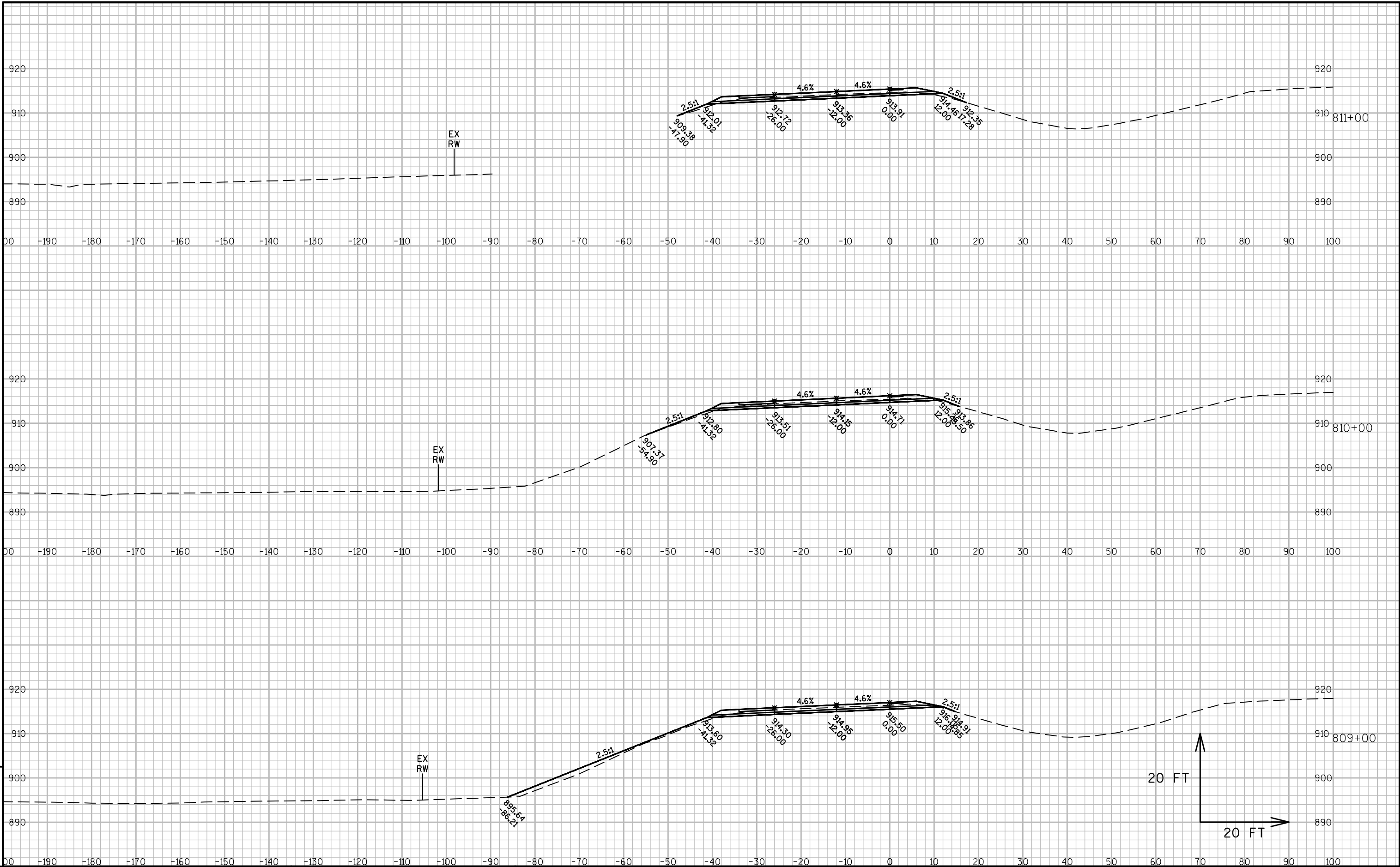
WISDOT/CADDs SHEET 49

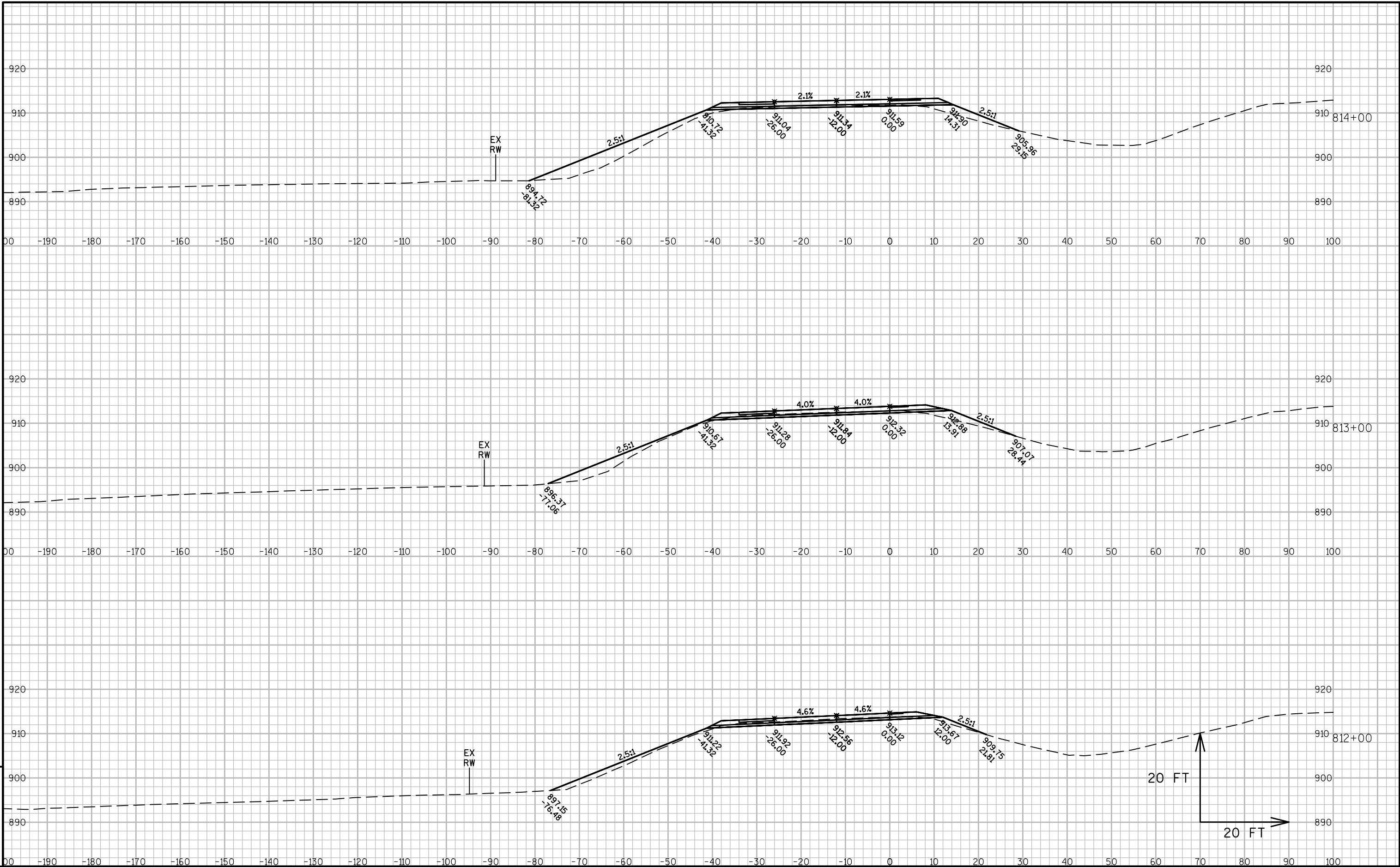


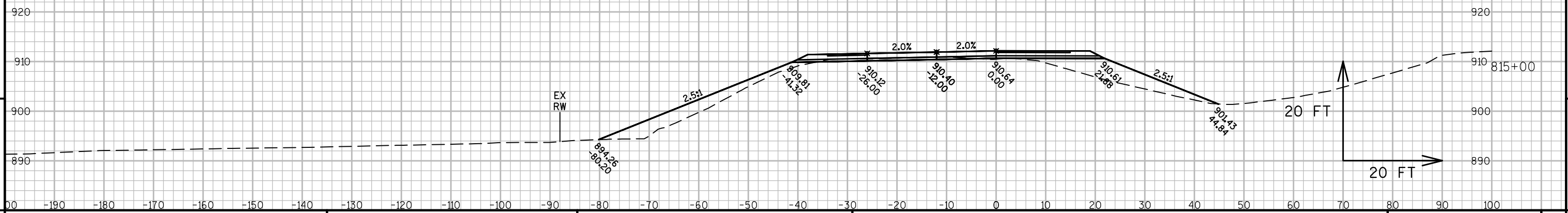
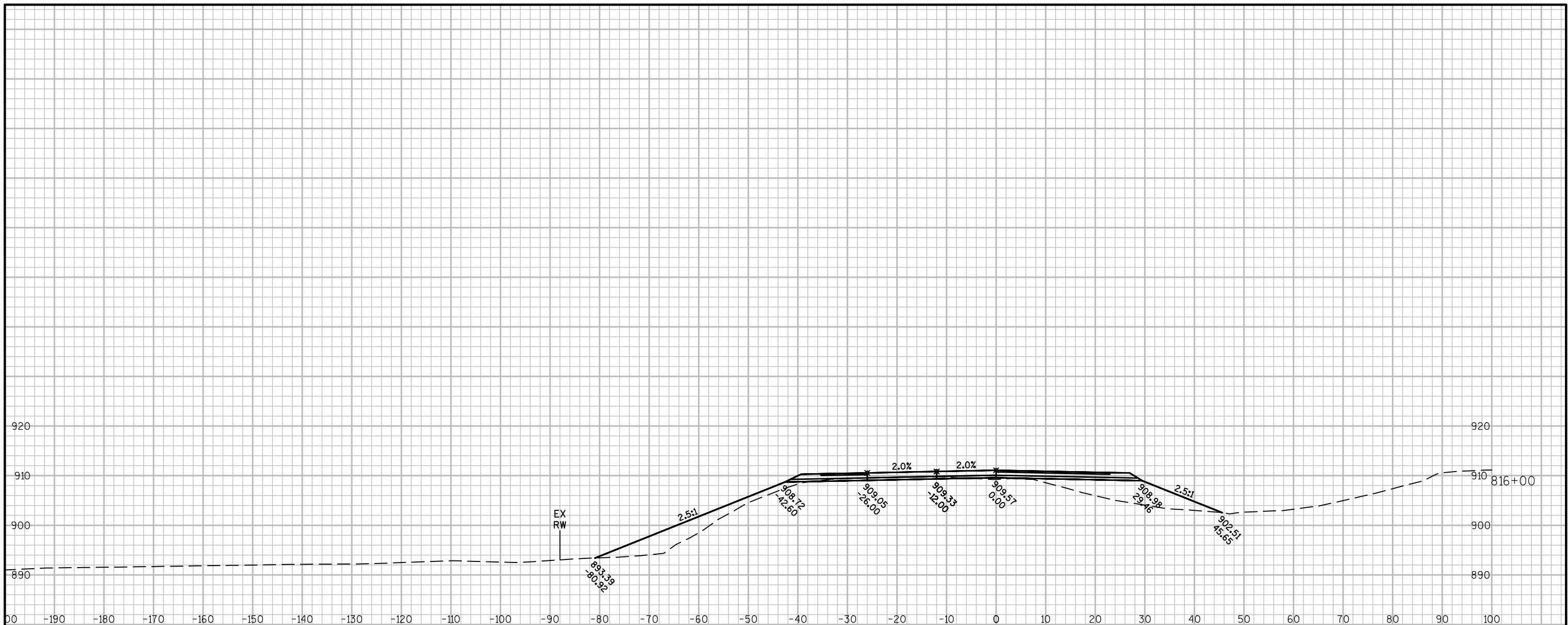


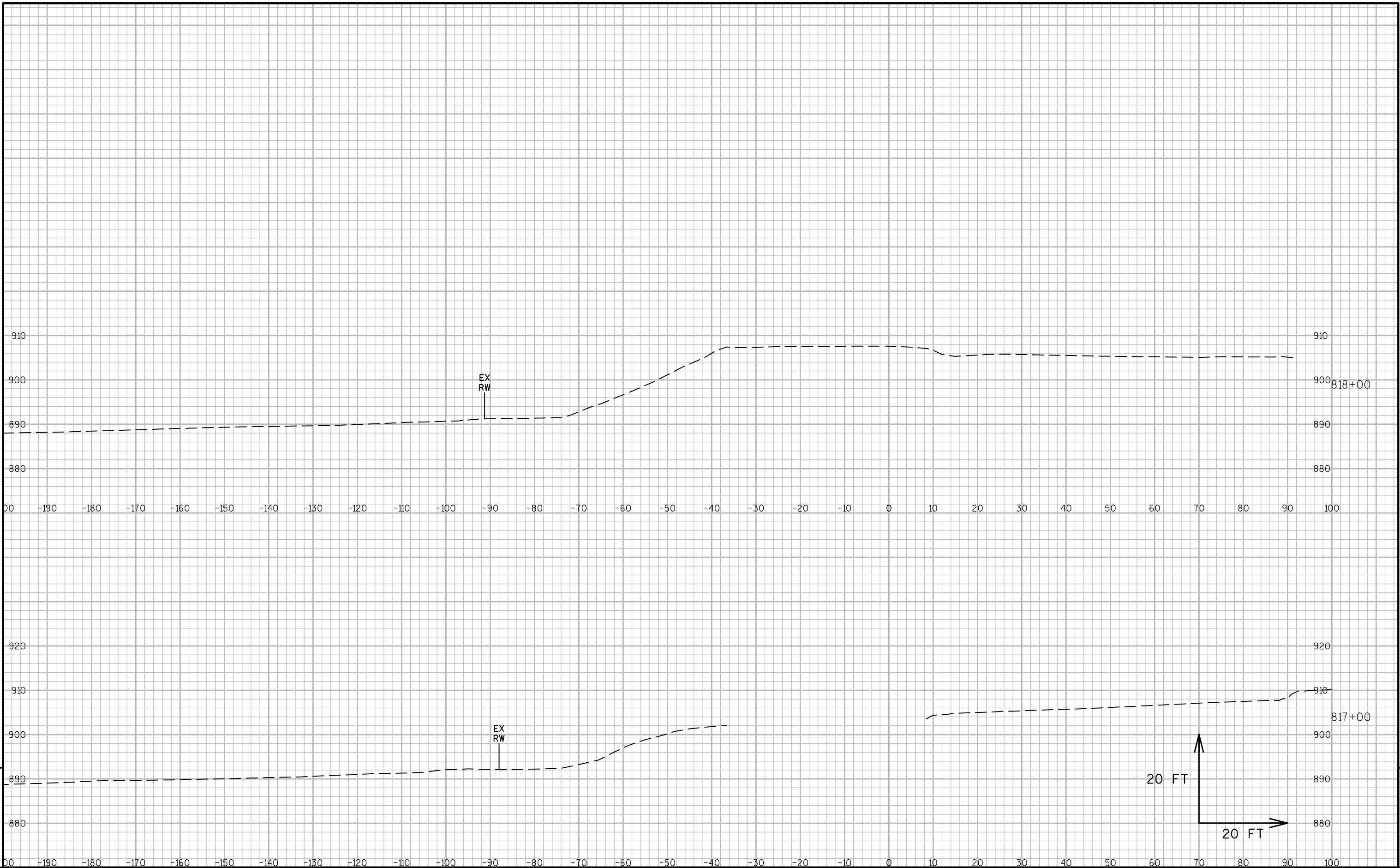






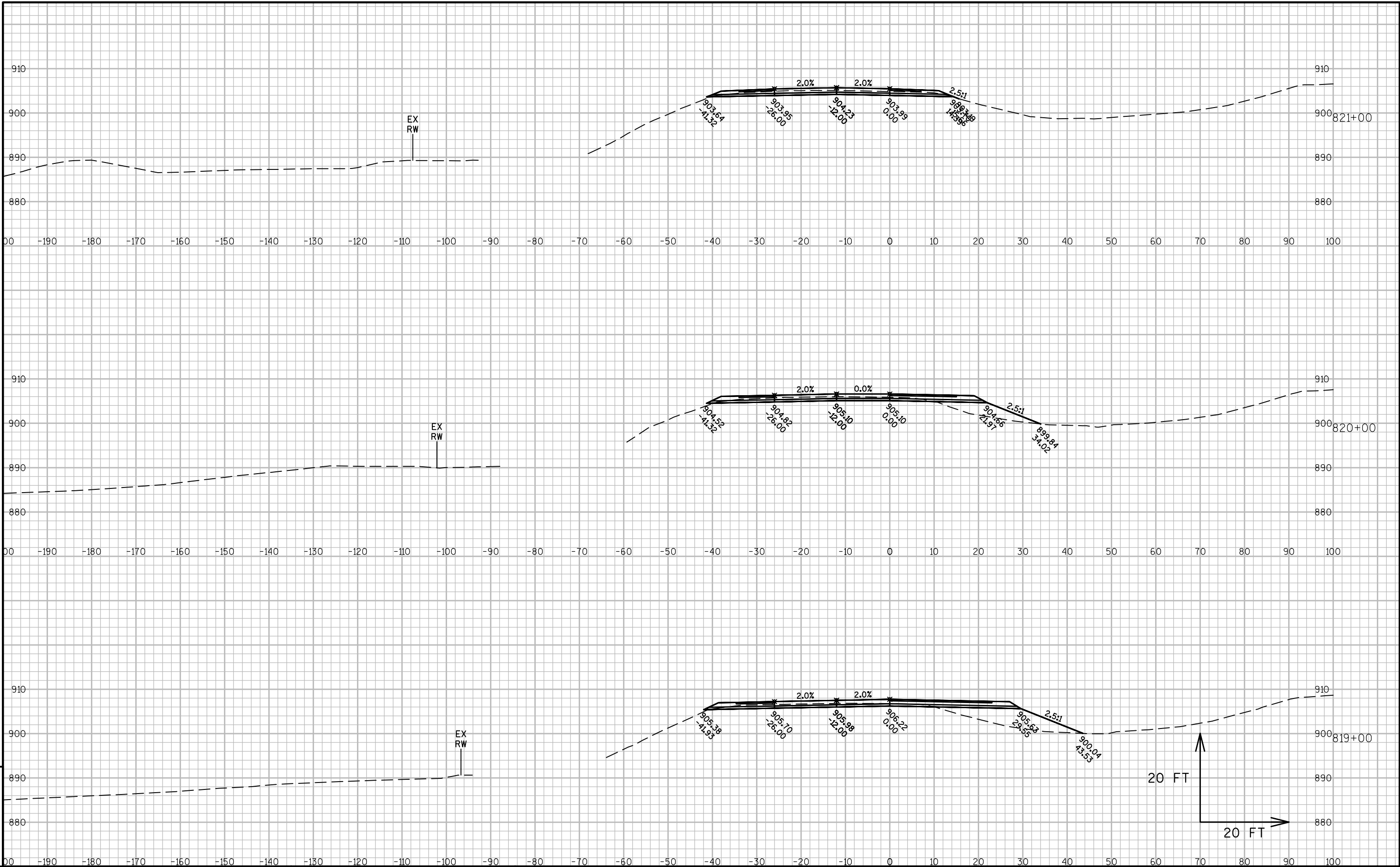


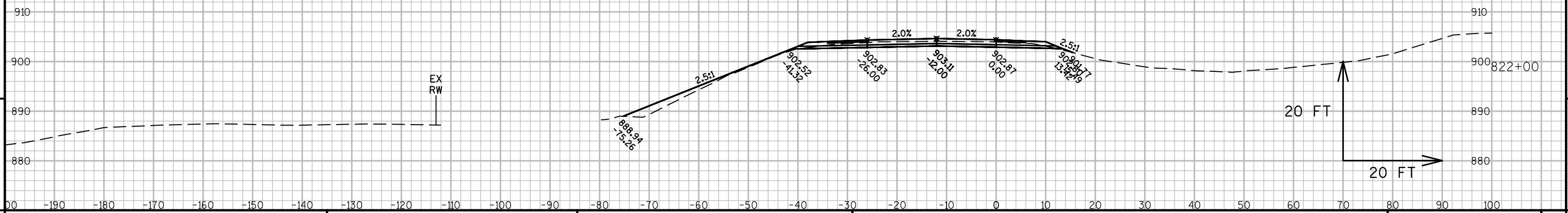
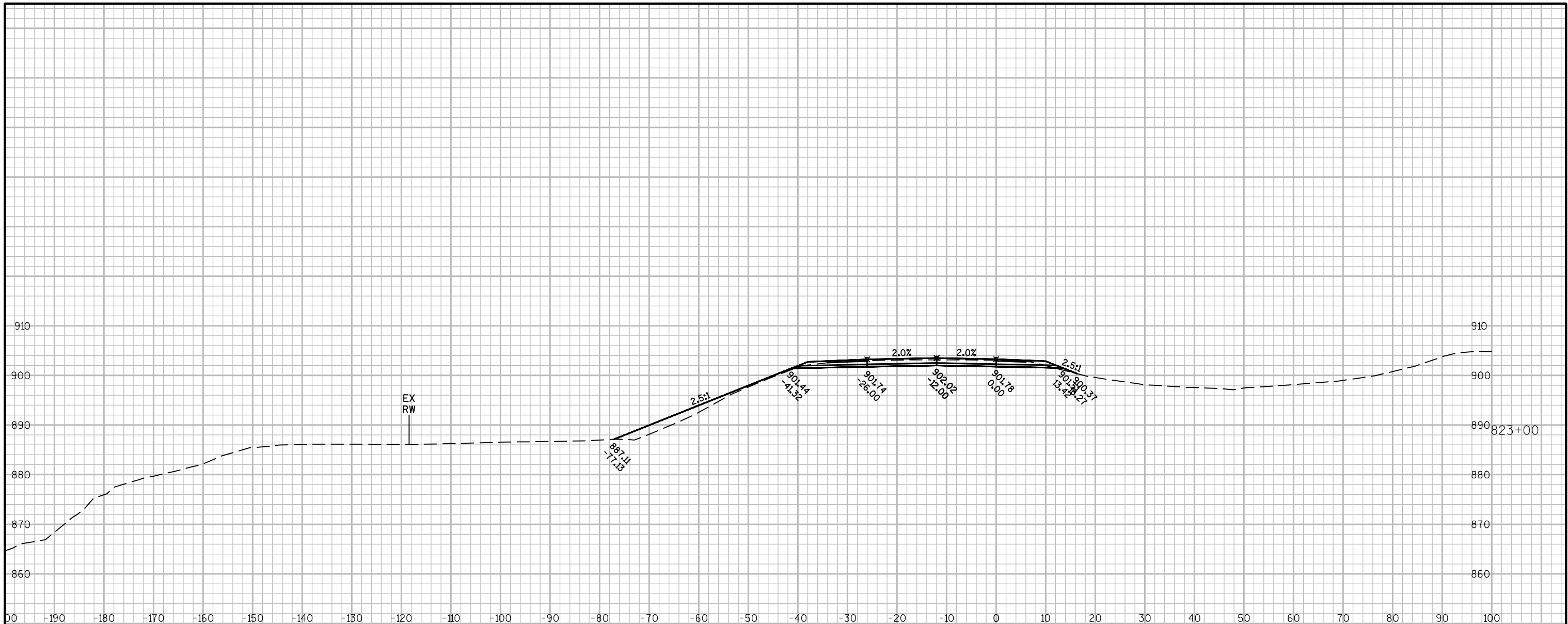


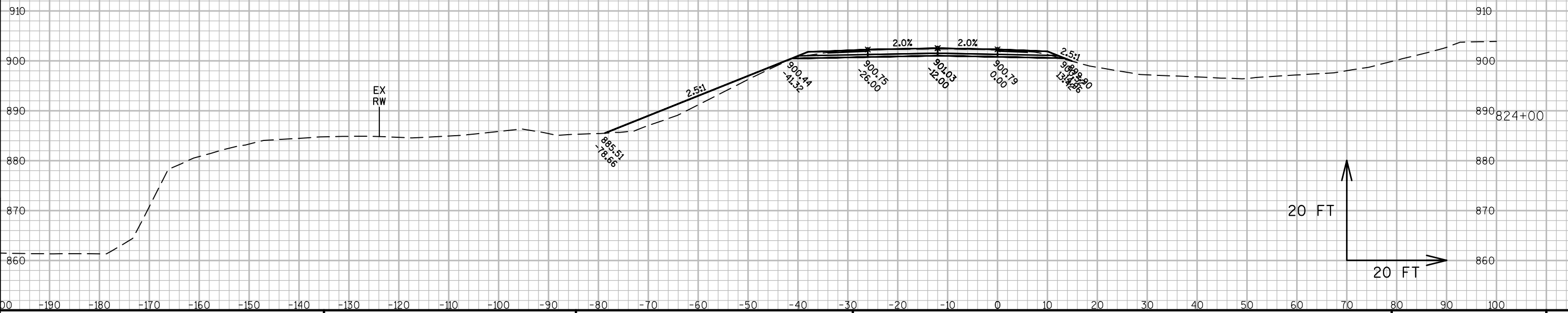
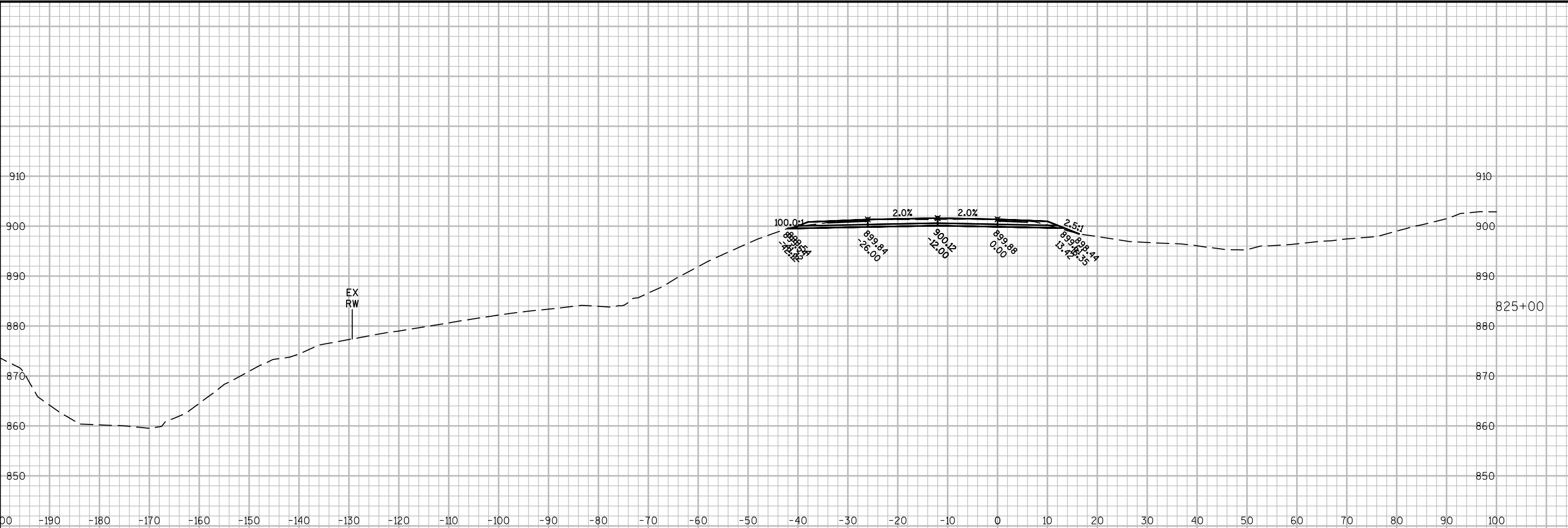


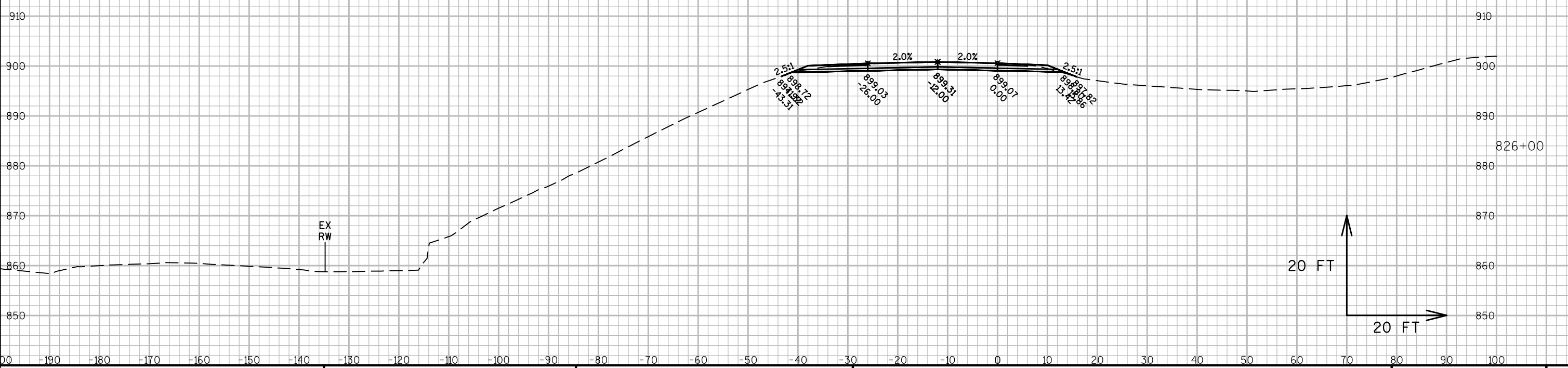
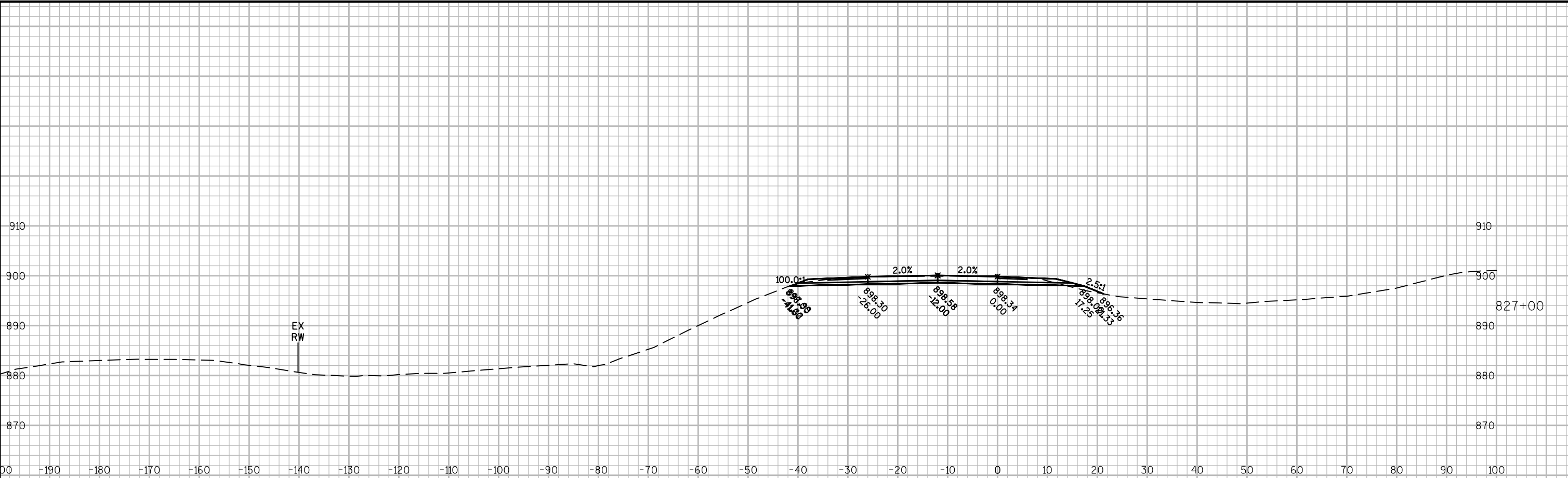
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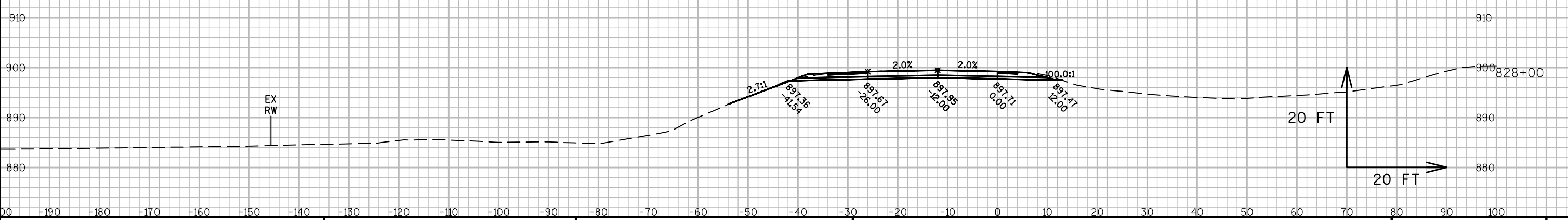
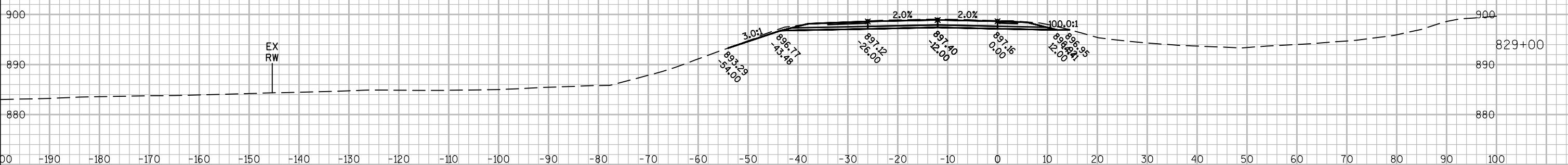
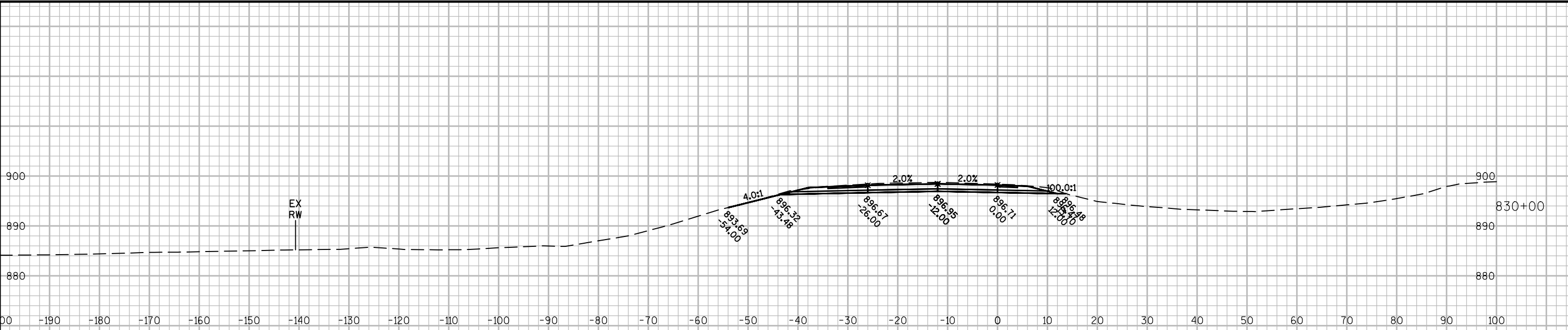
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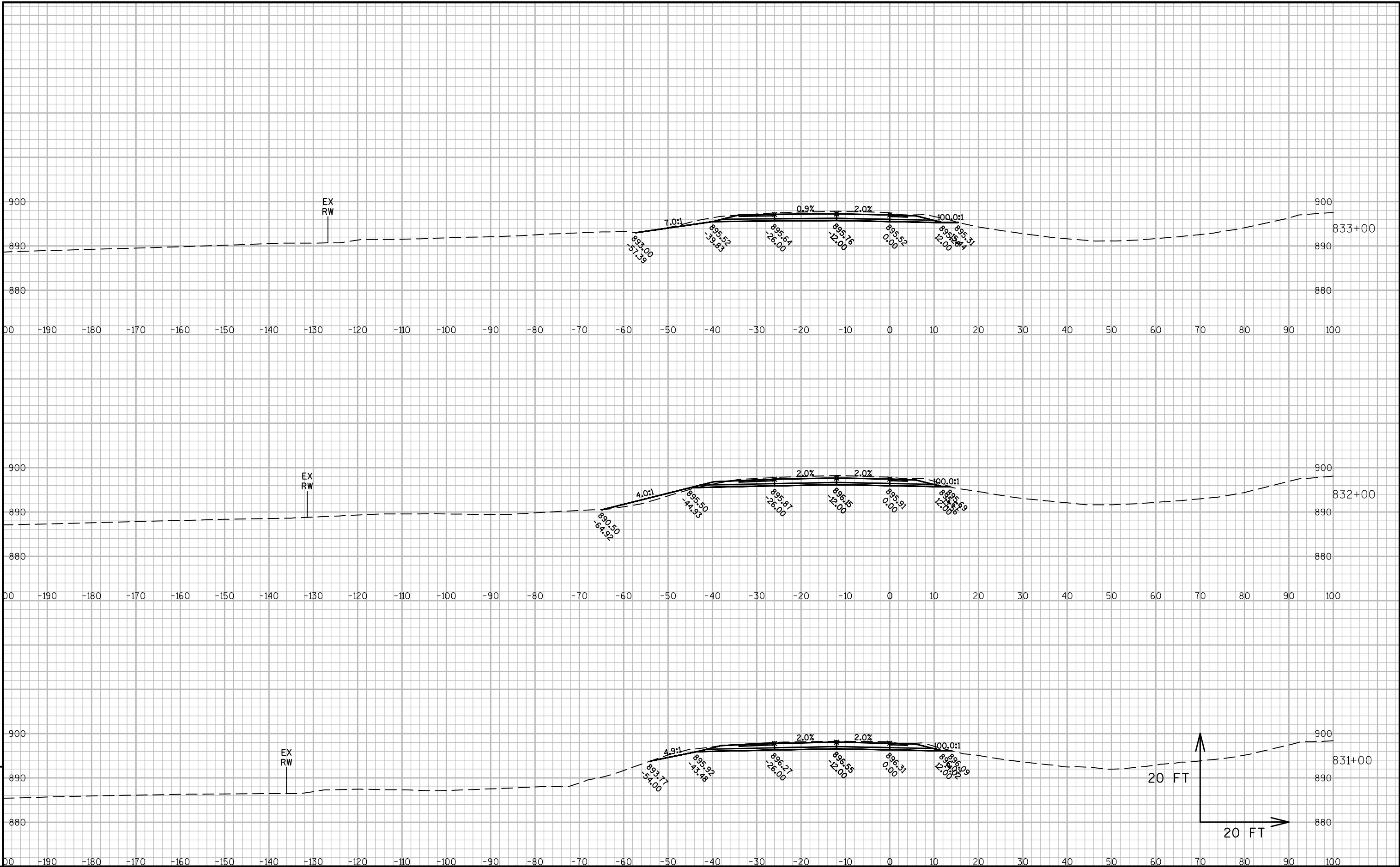


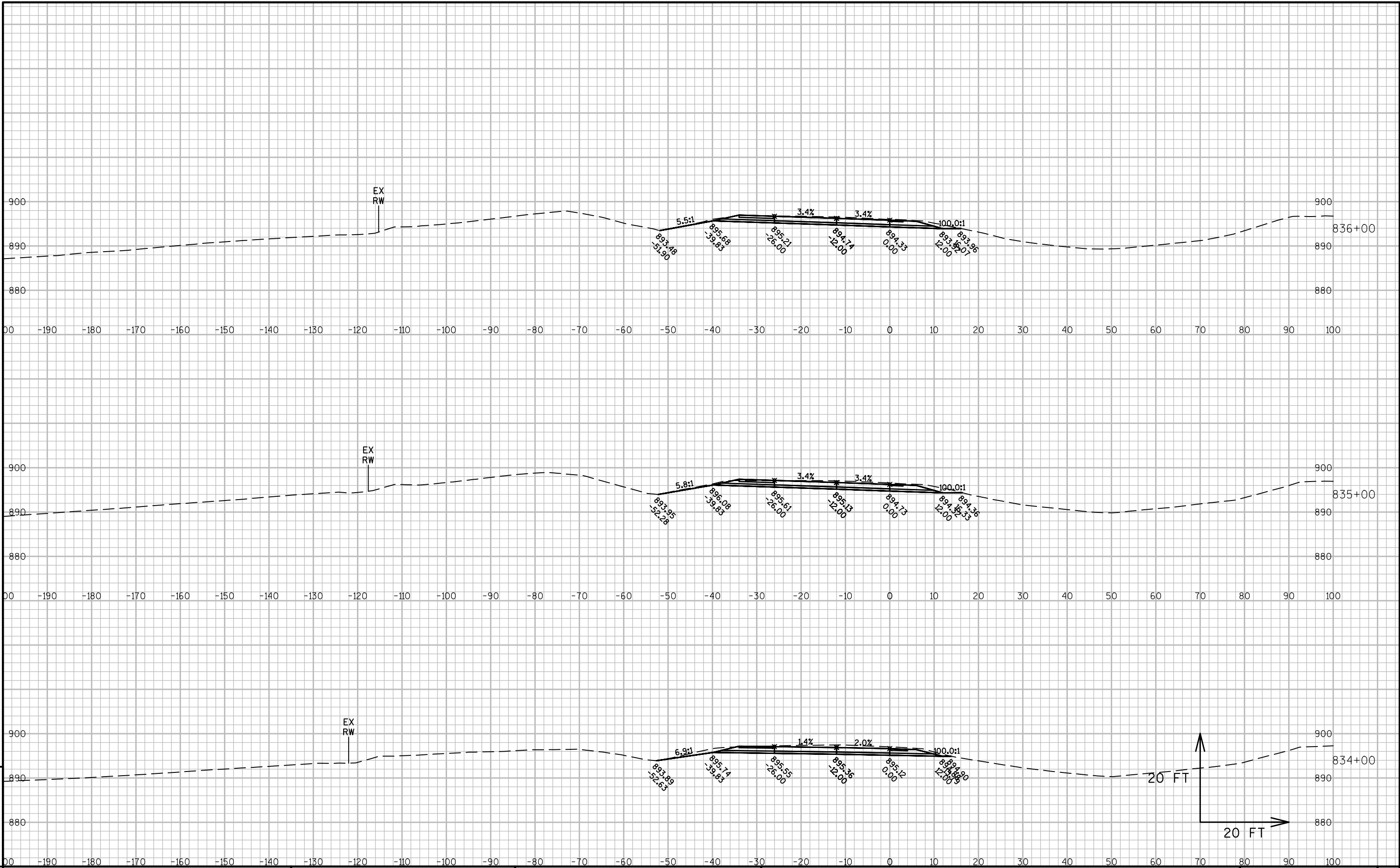


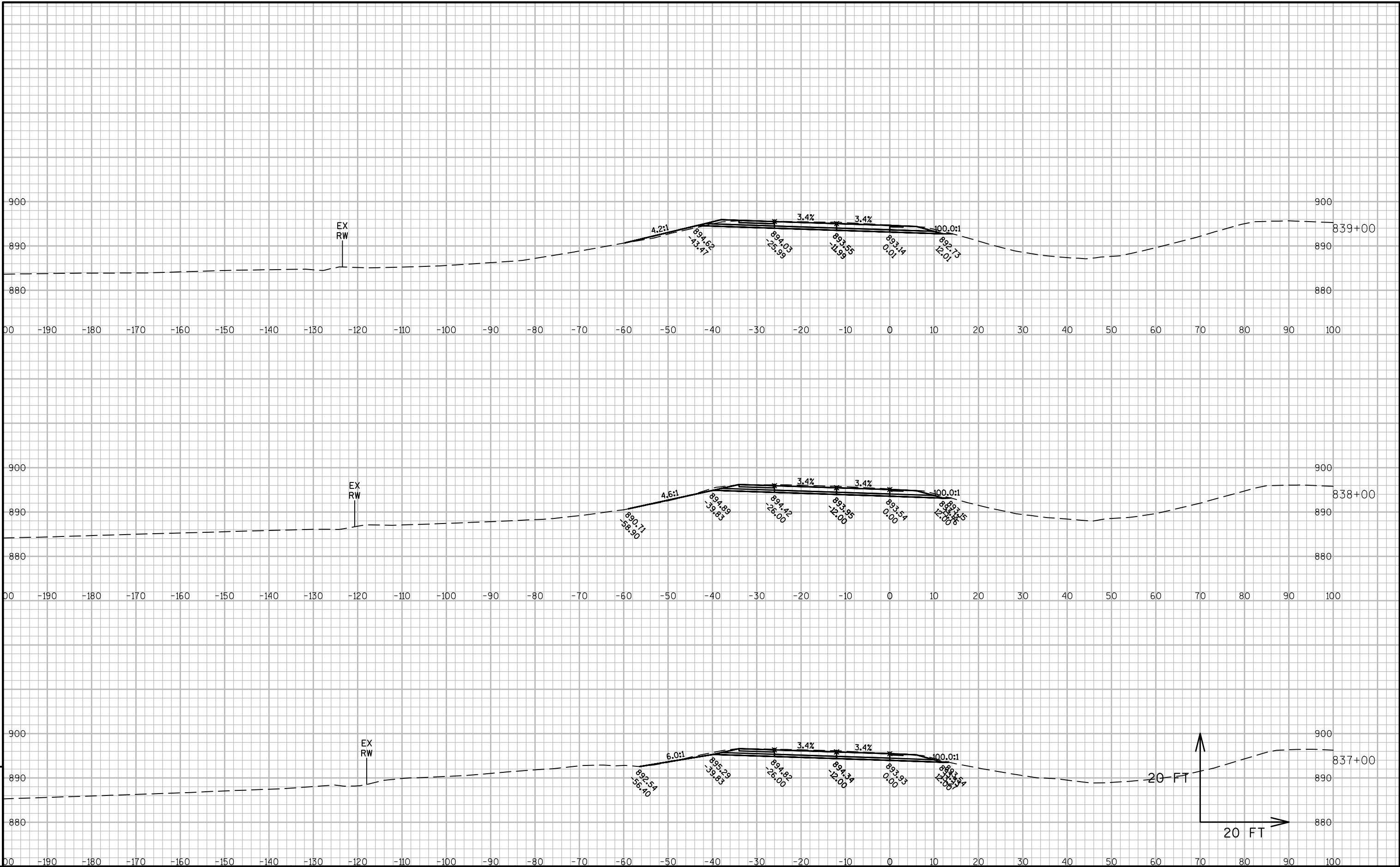


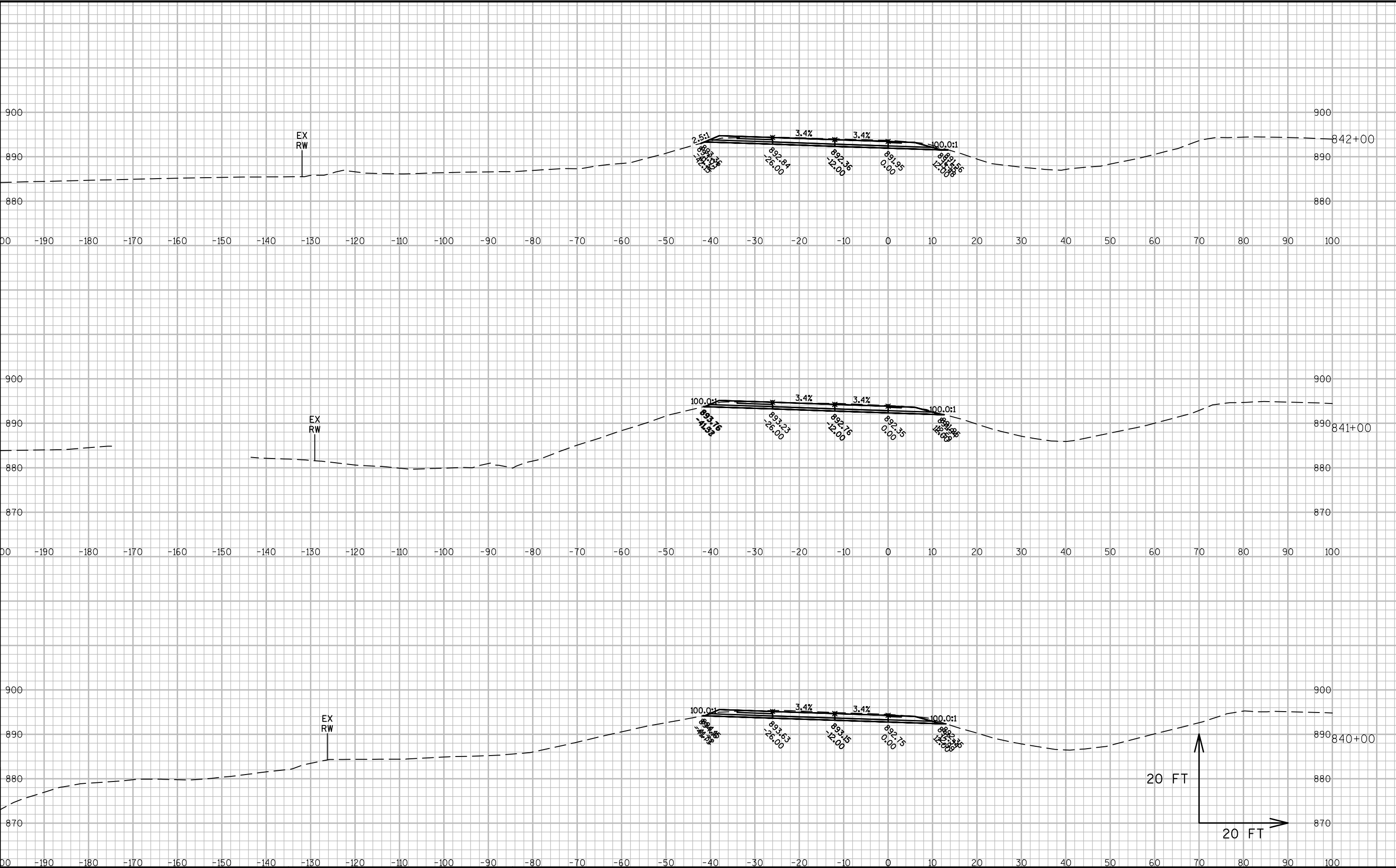


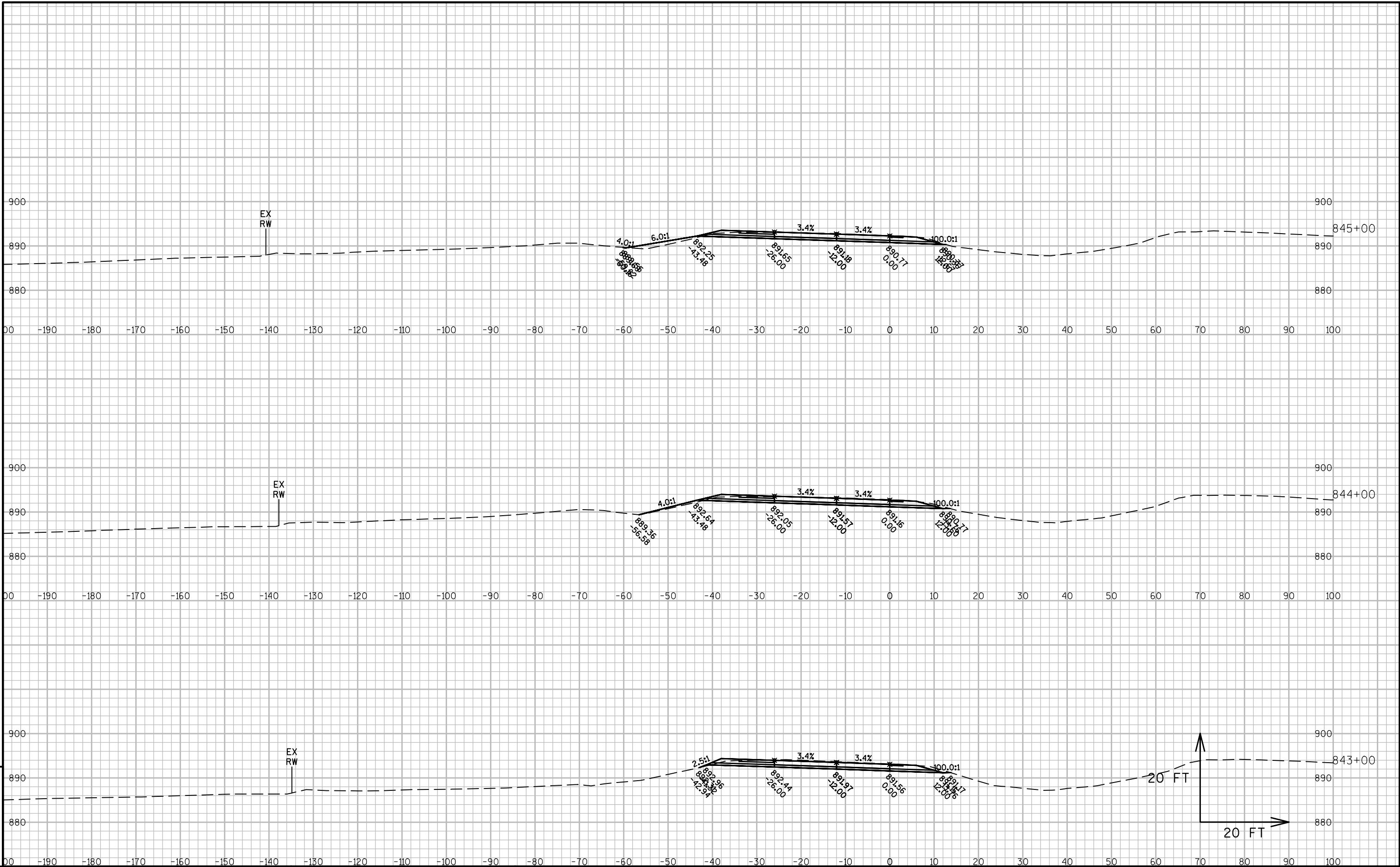


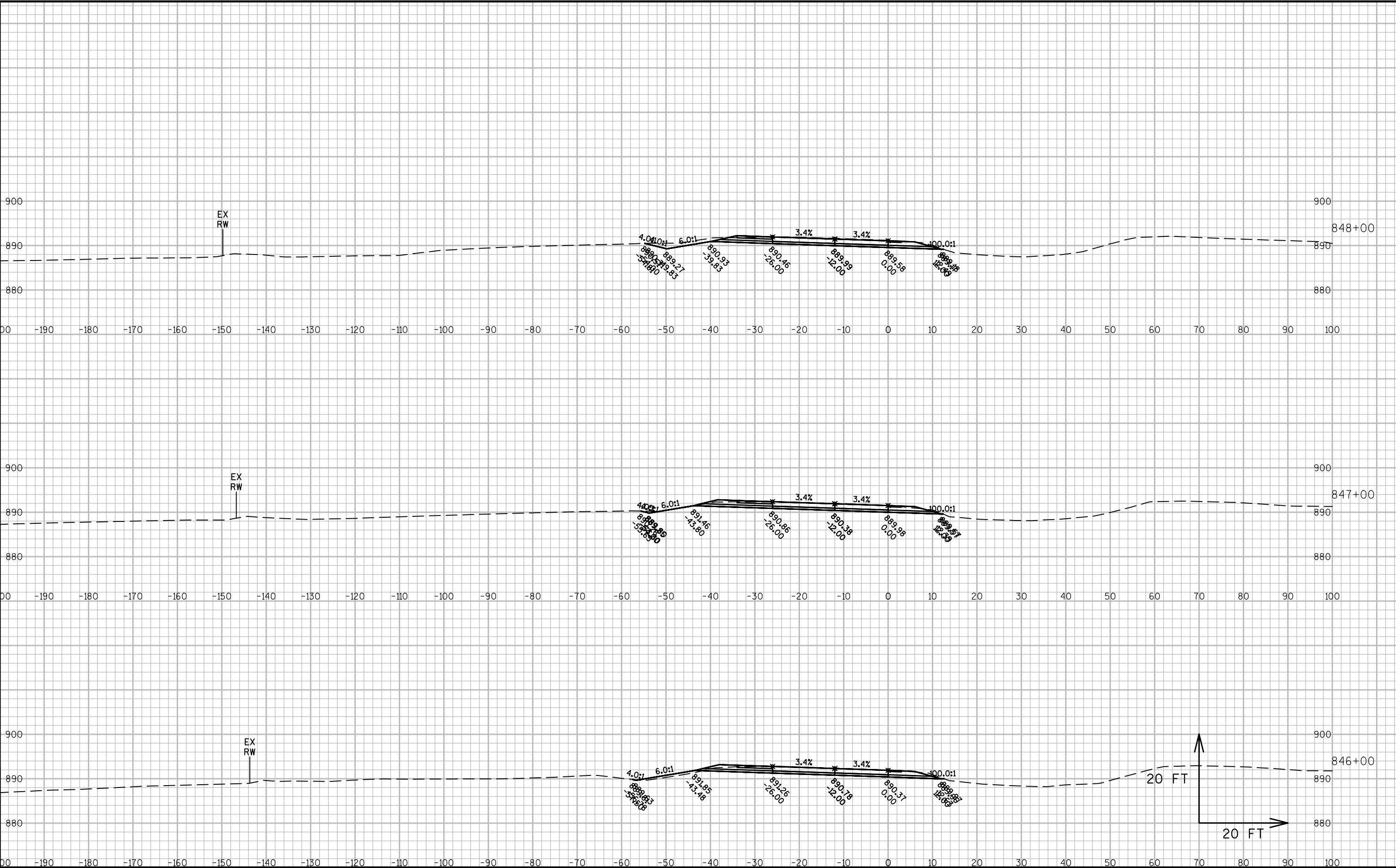


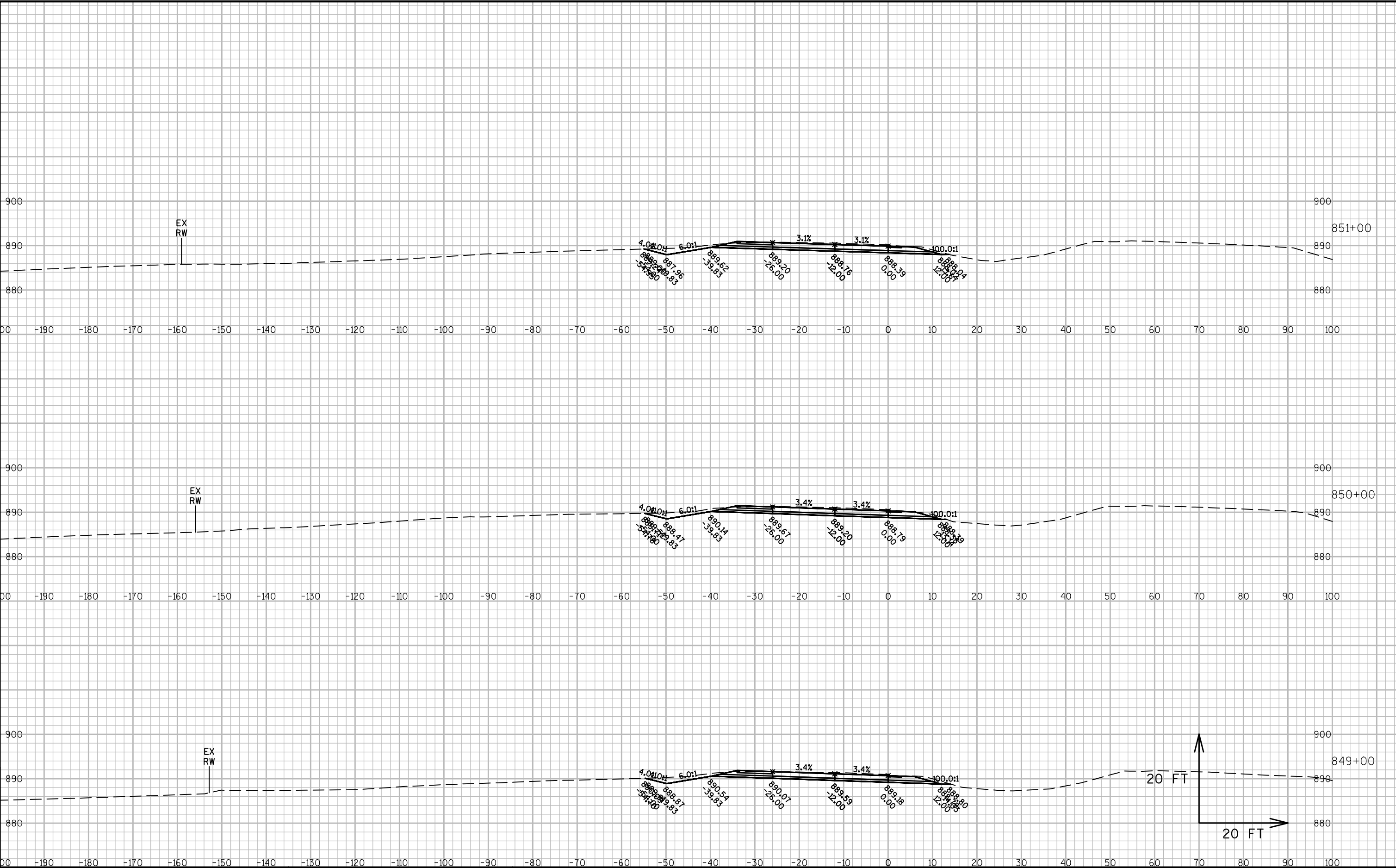


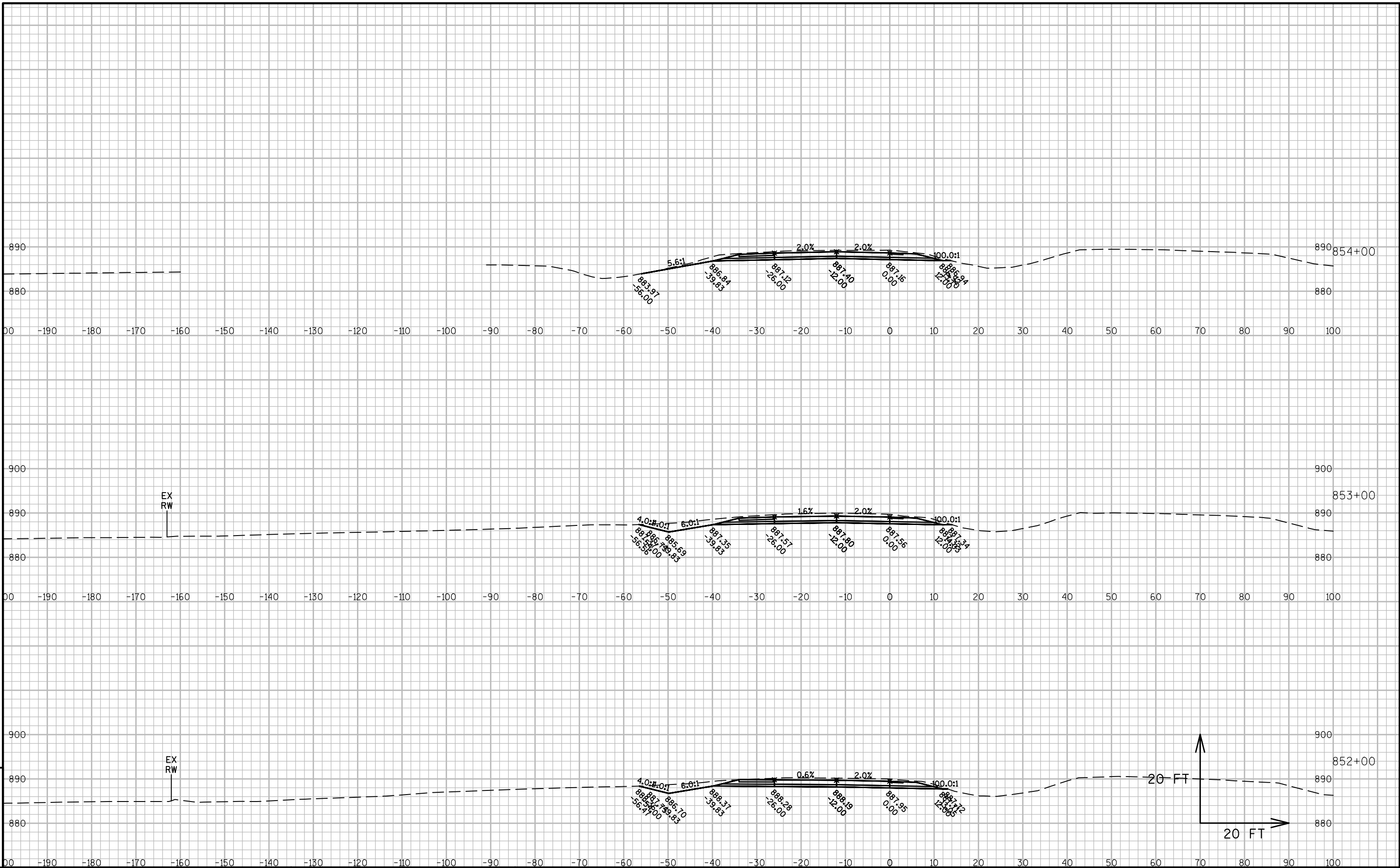


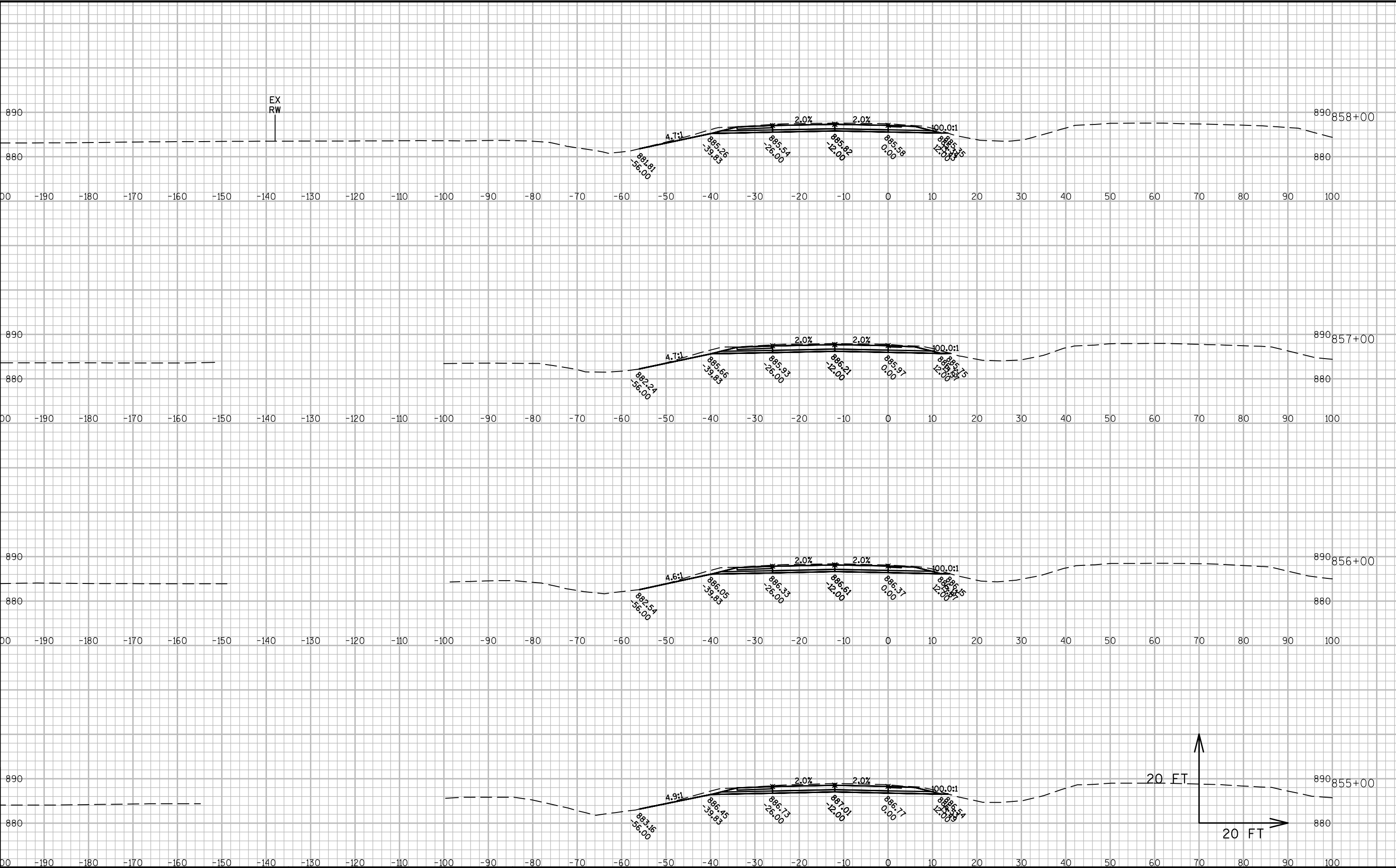


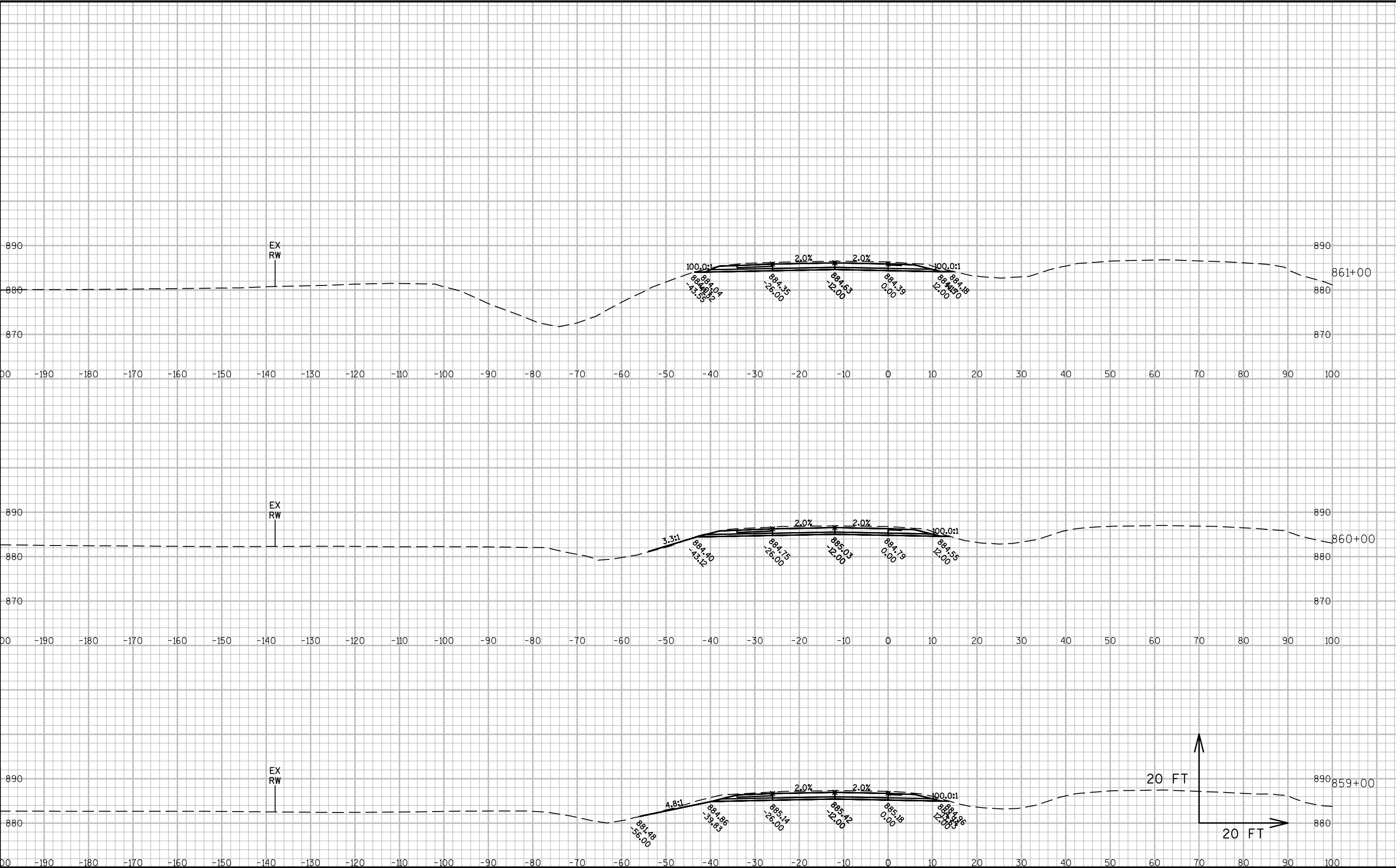


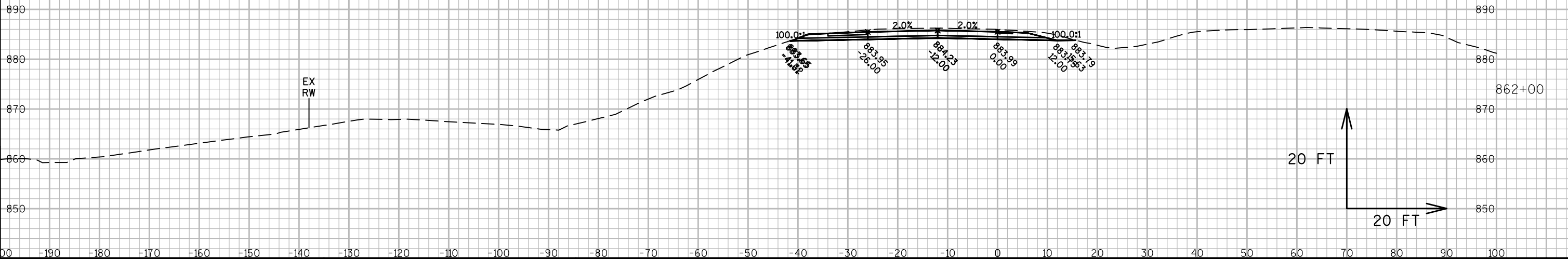
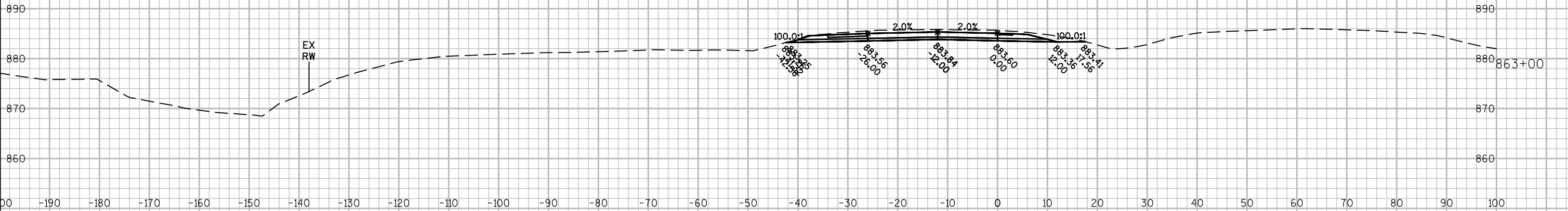
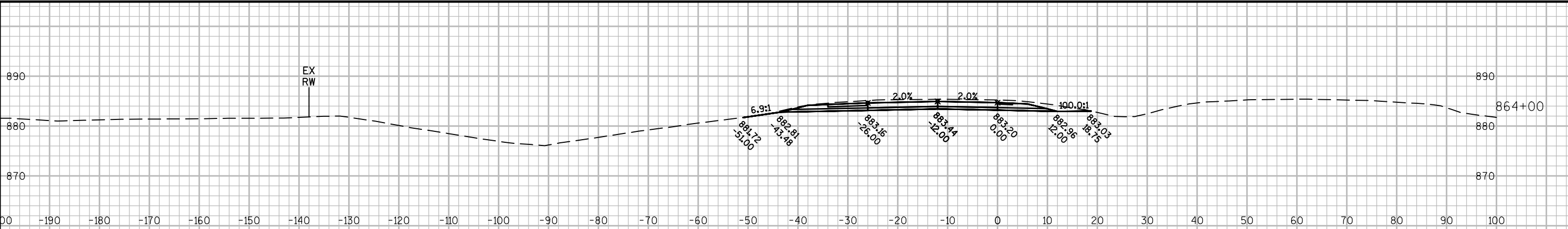






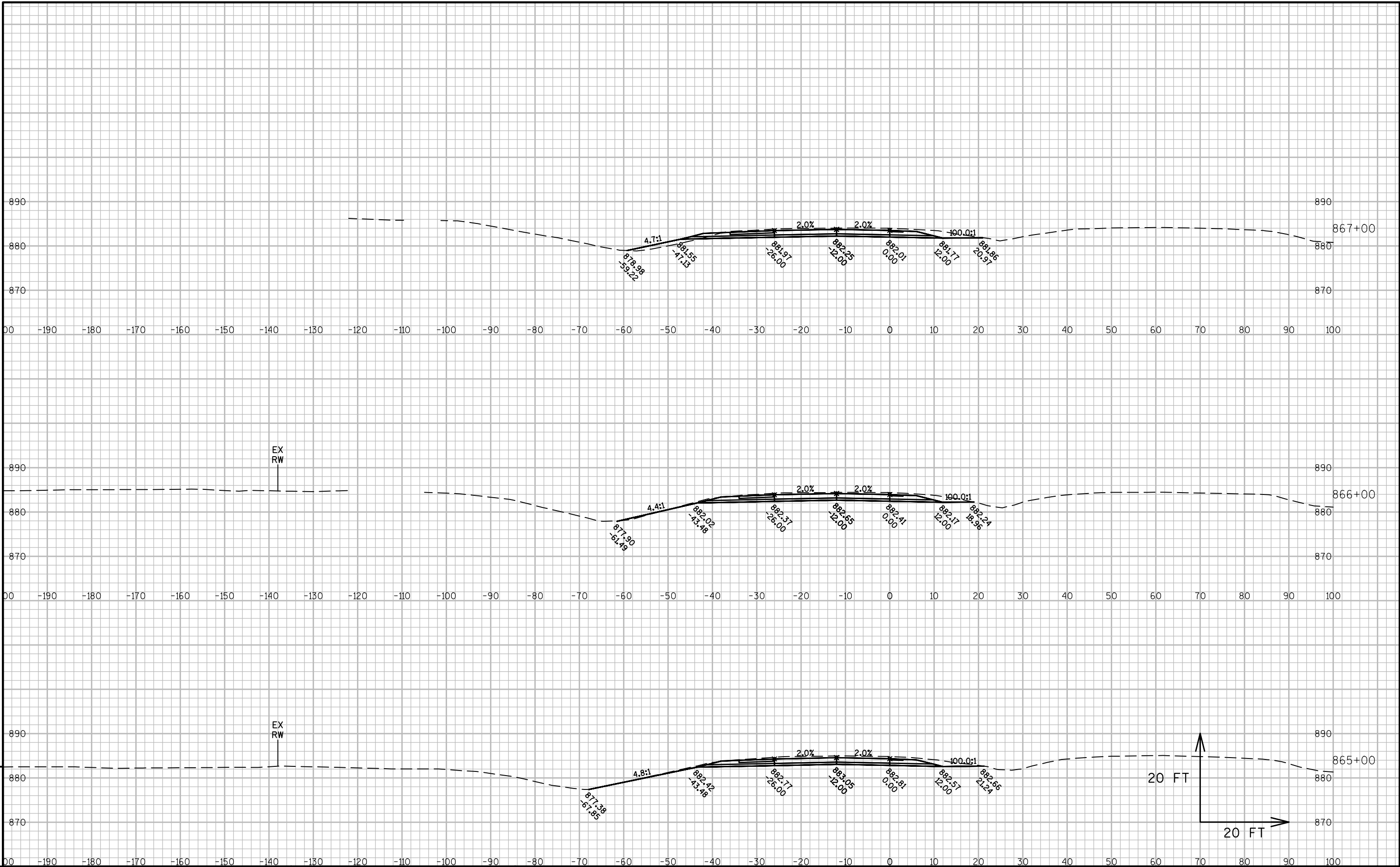


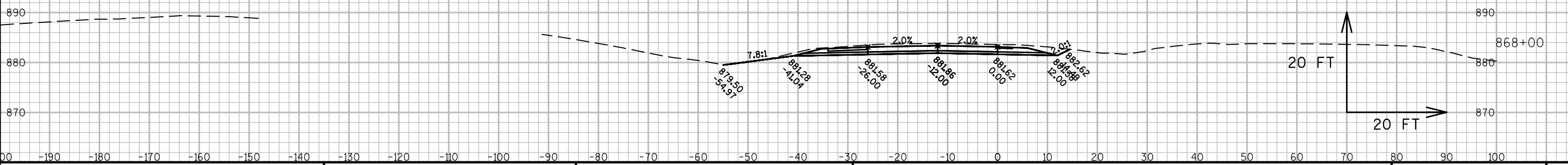
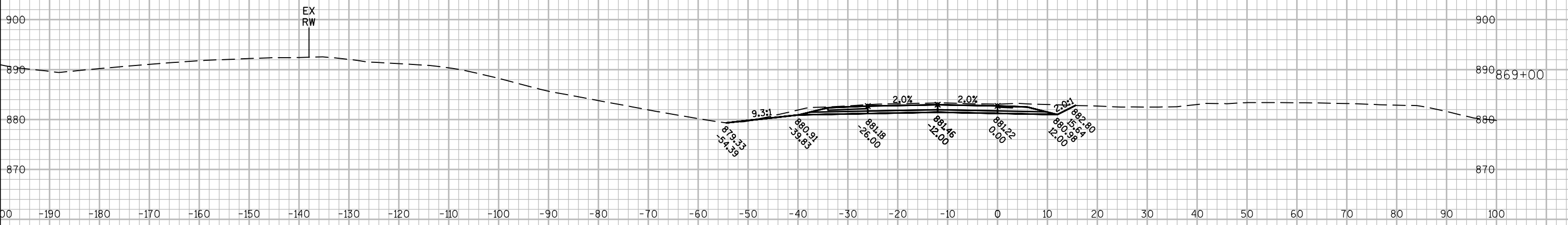
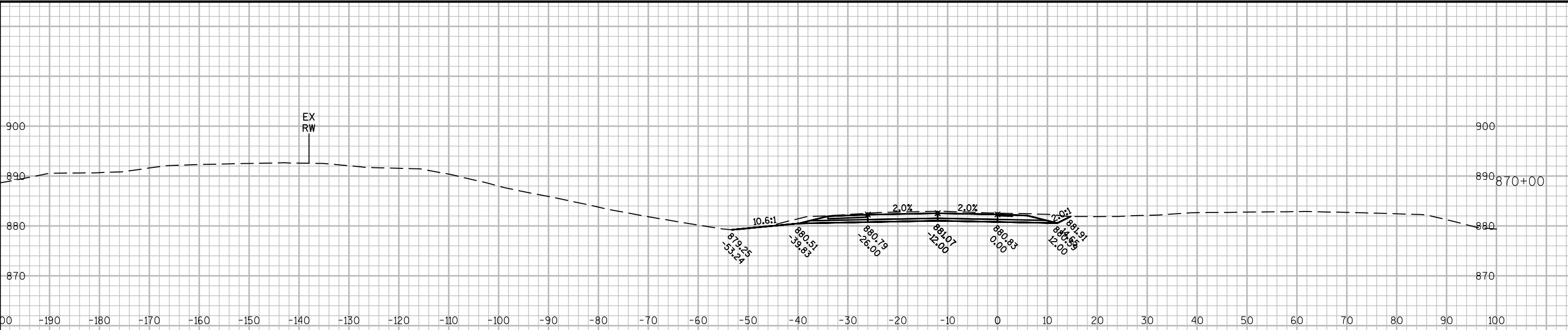


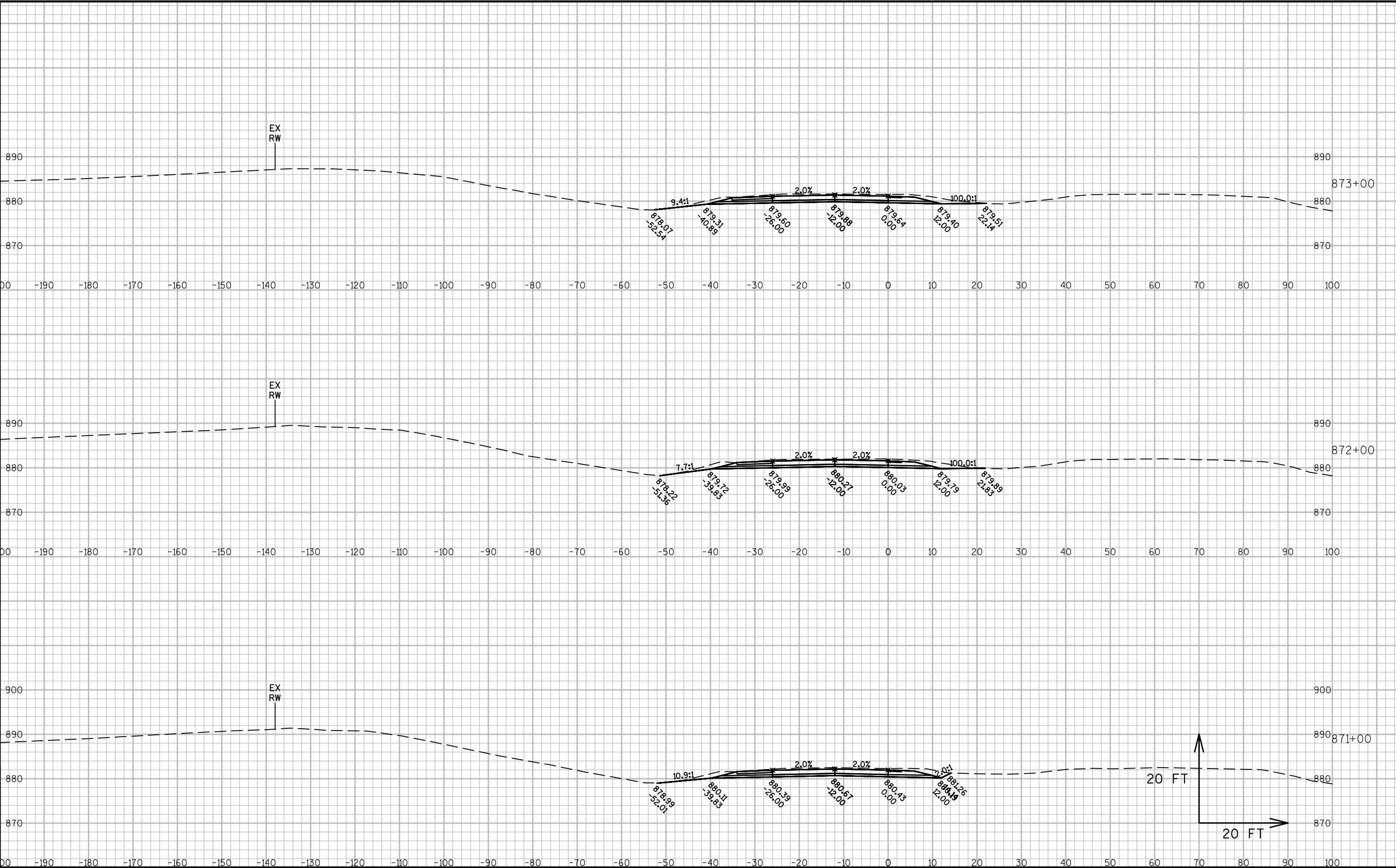


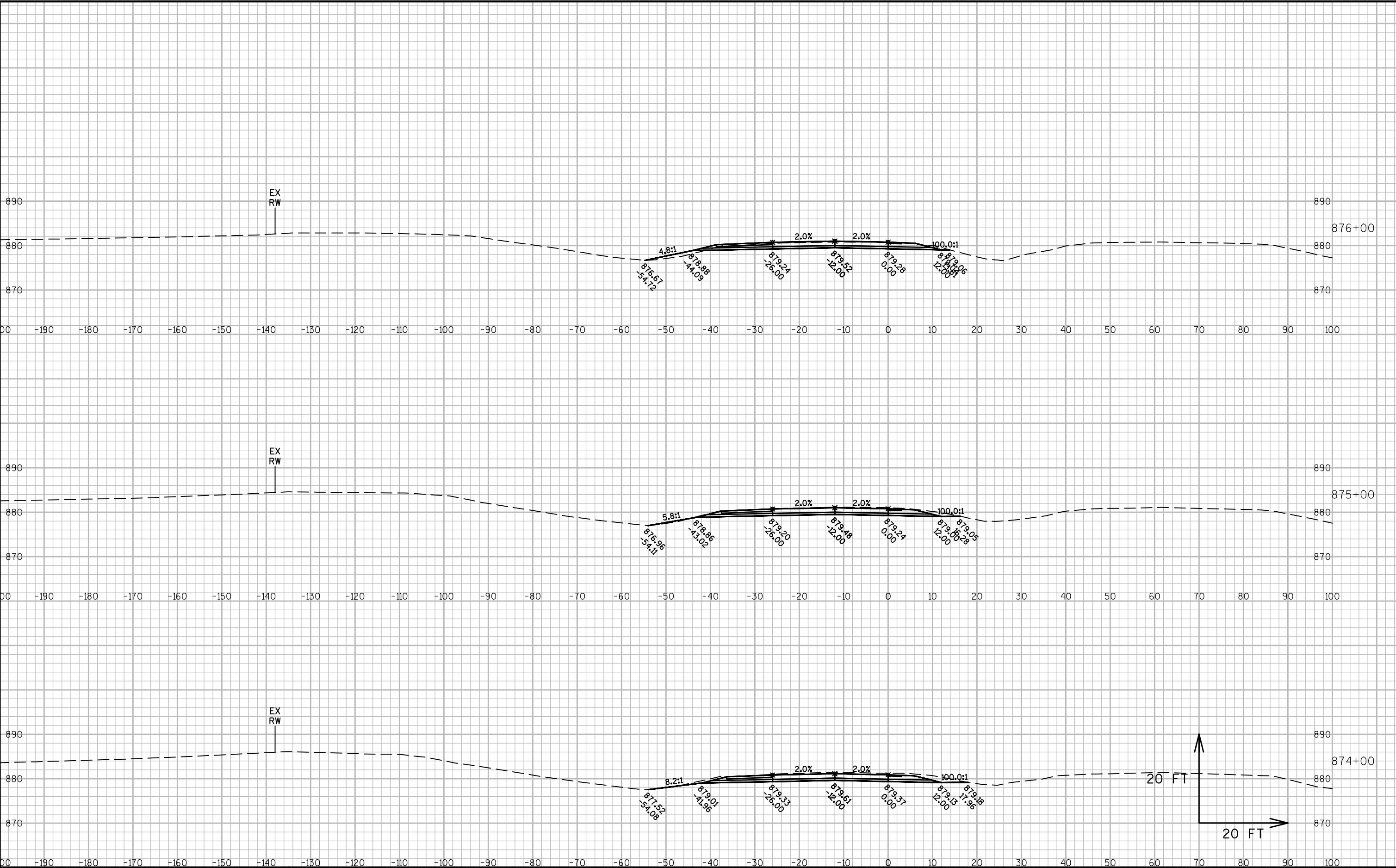
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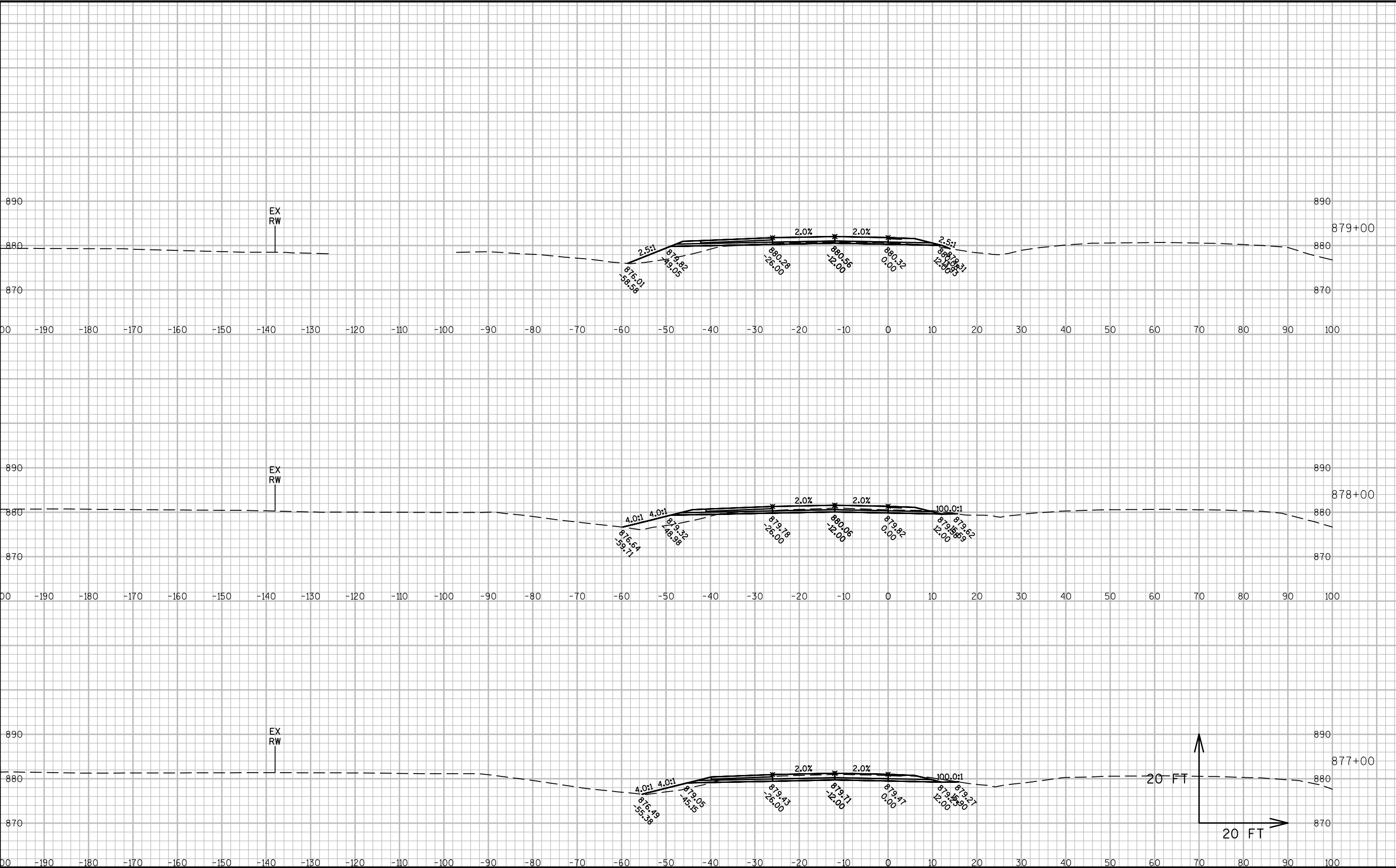
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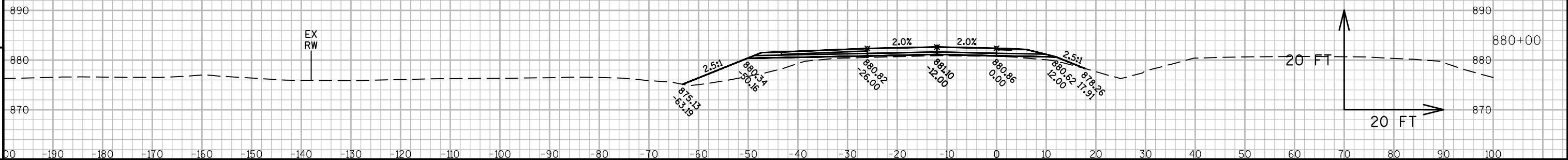
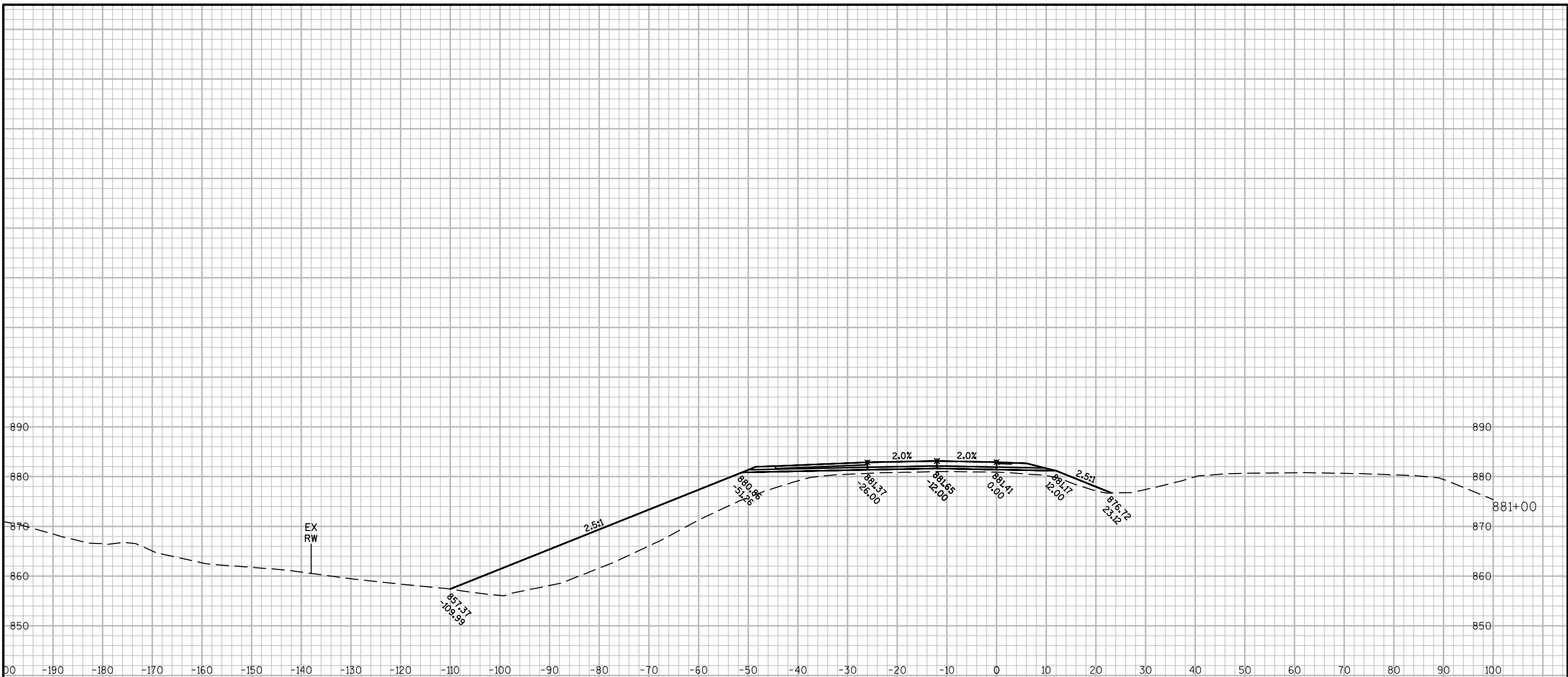


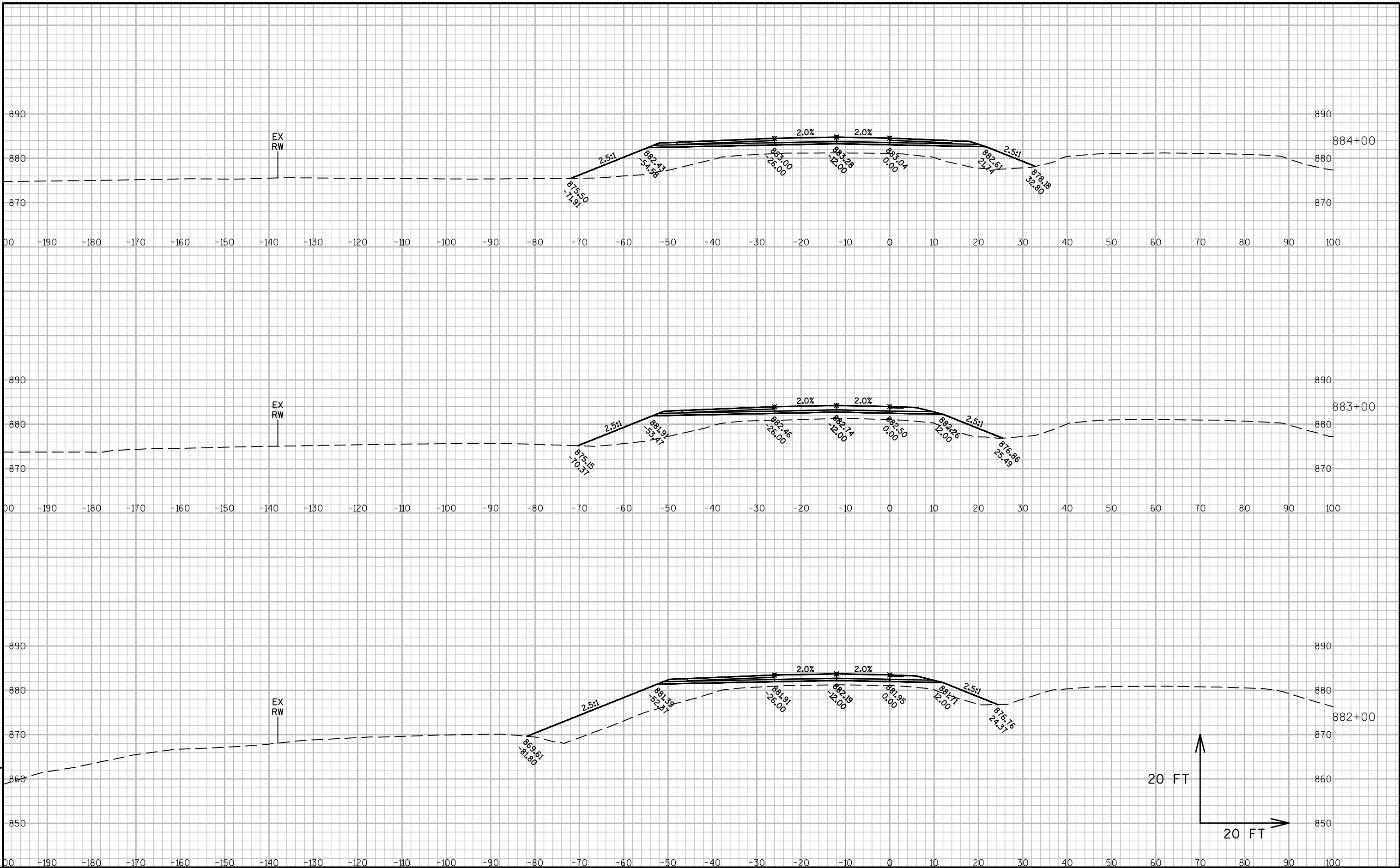


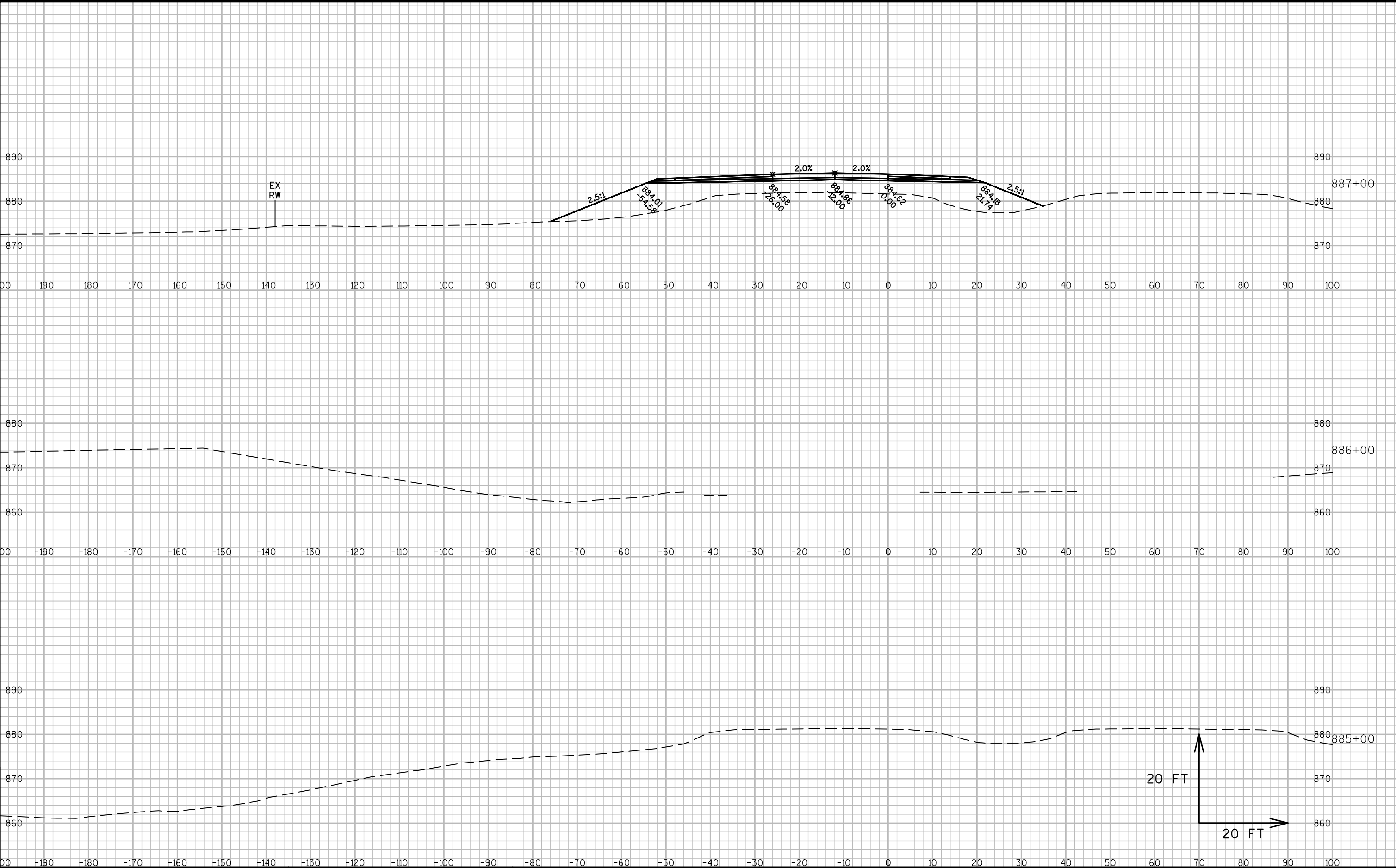


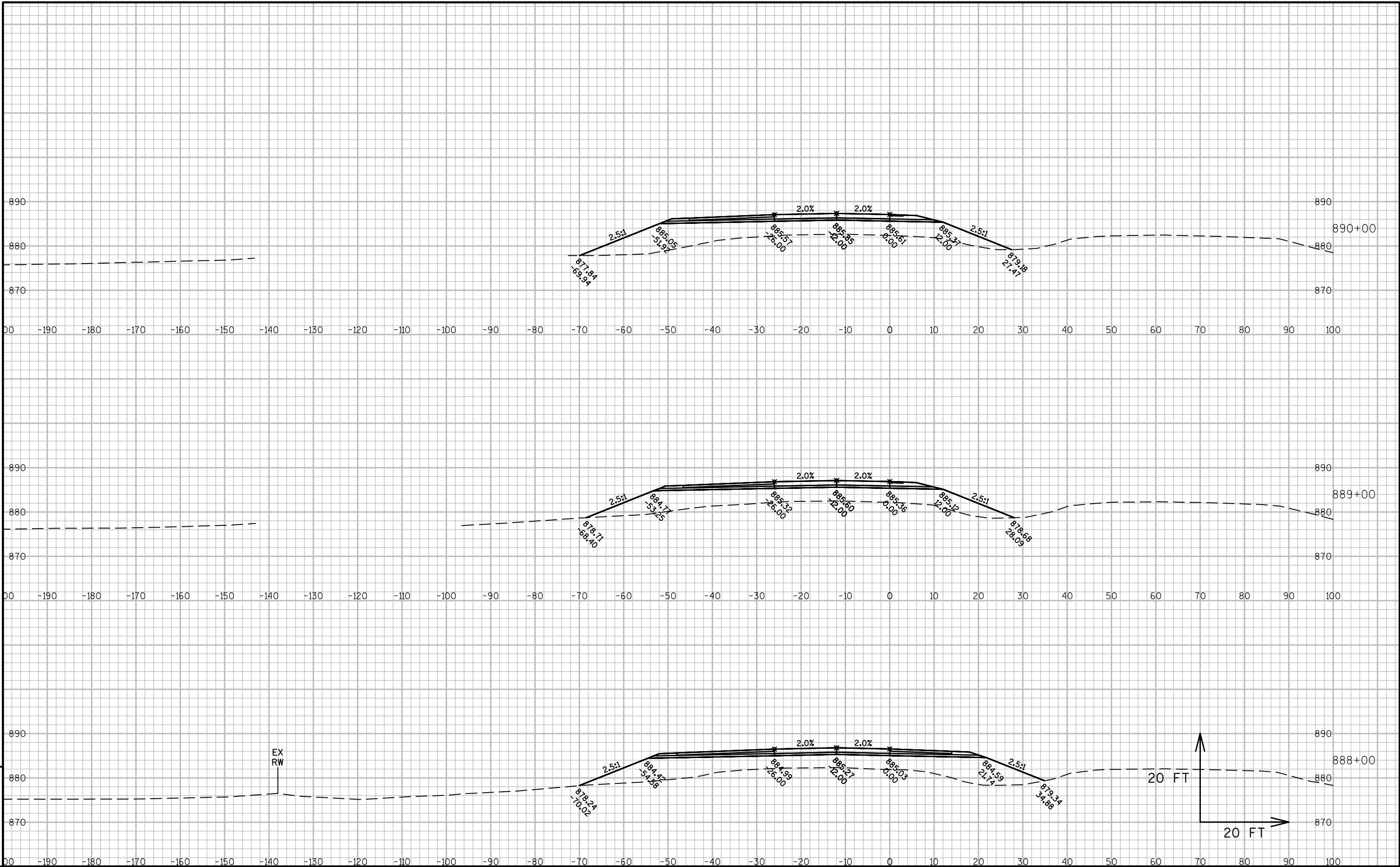


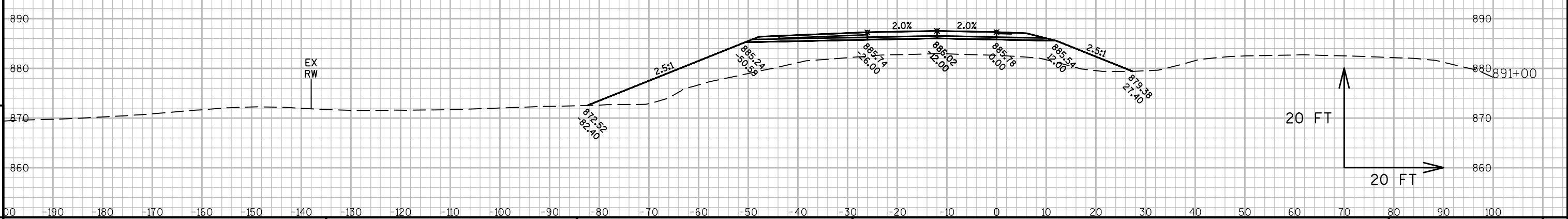
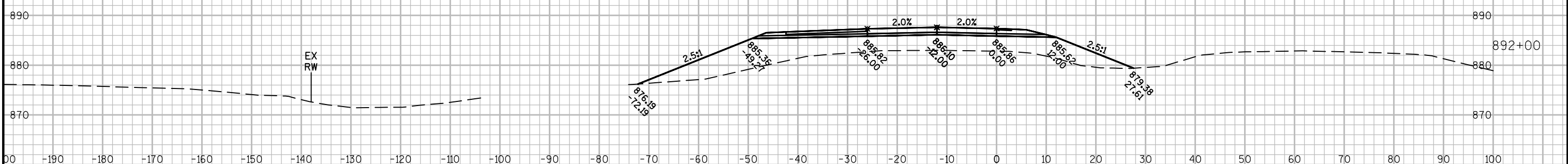
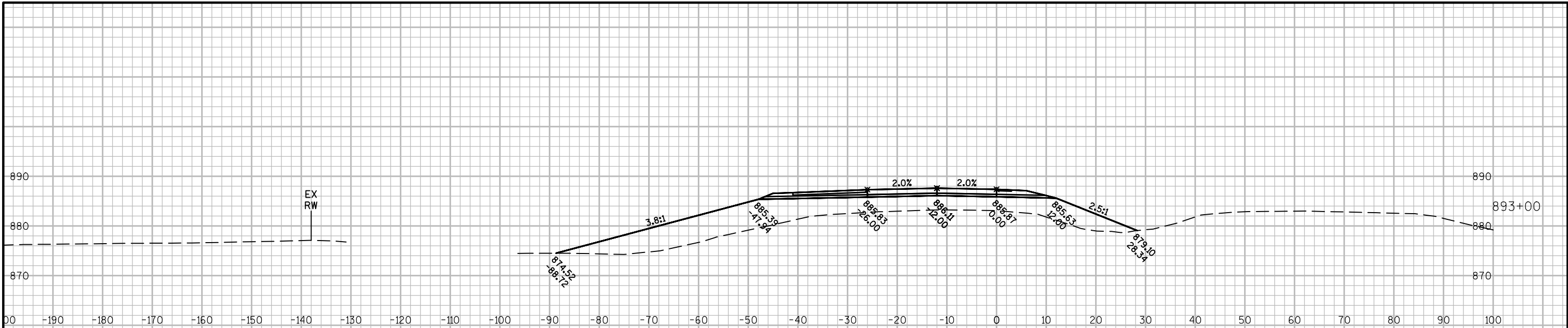


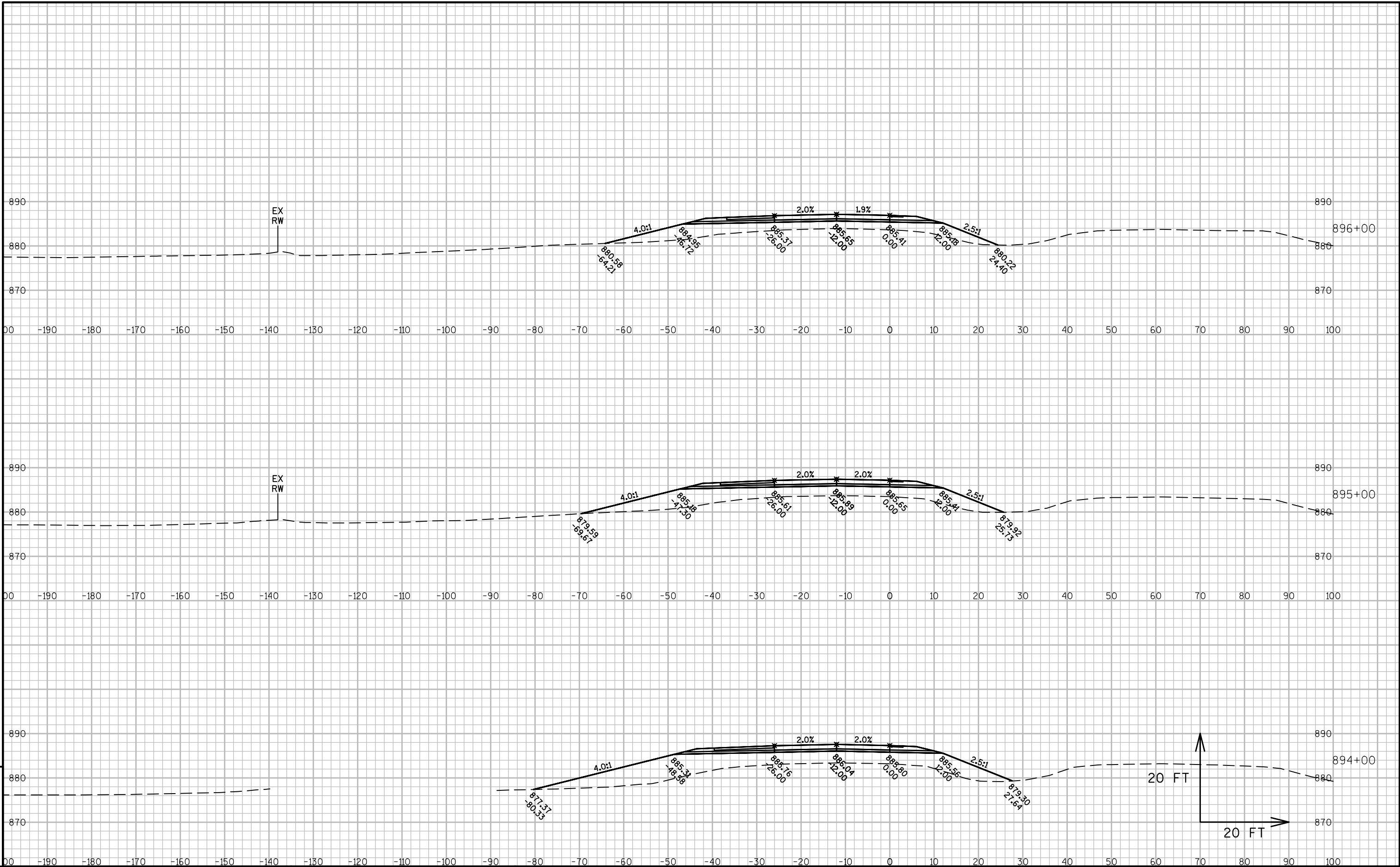


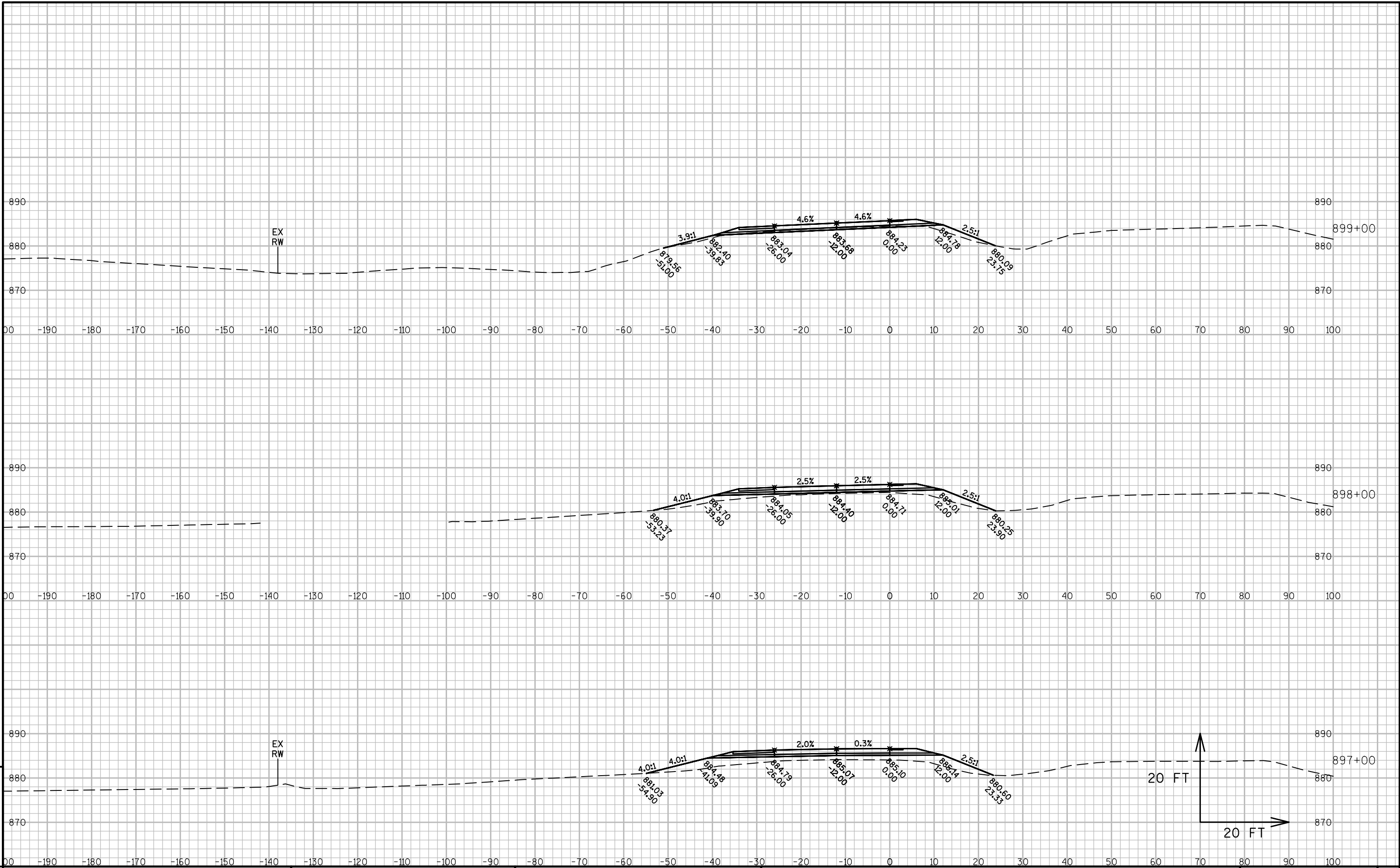


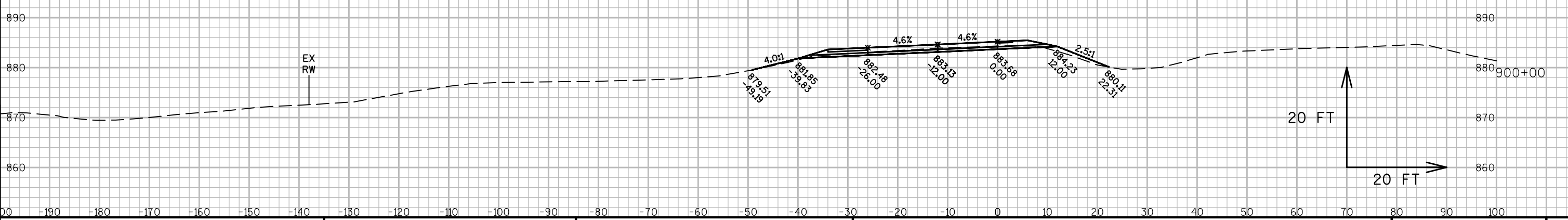
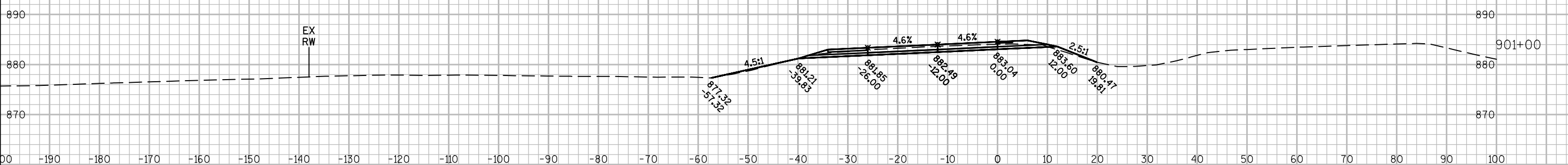
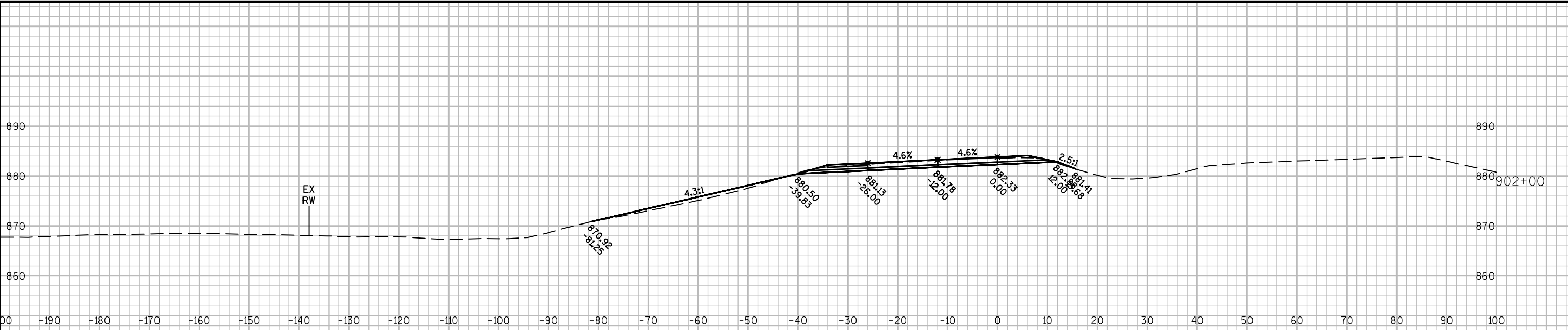






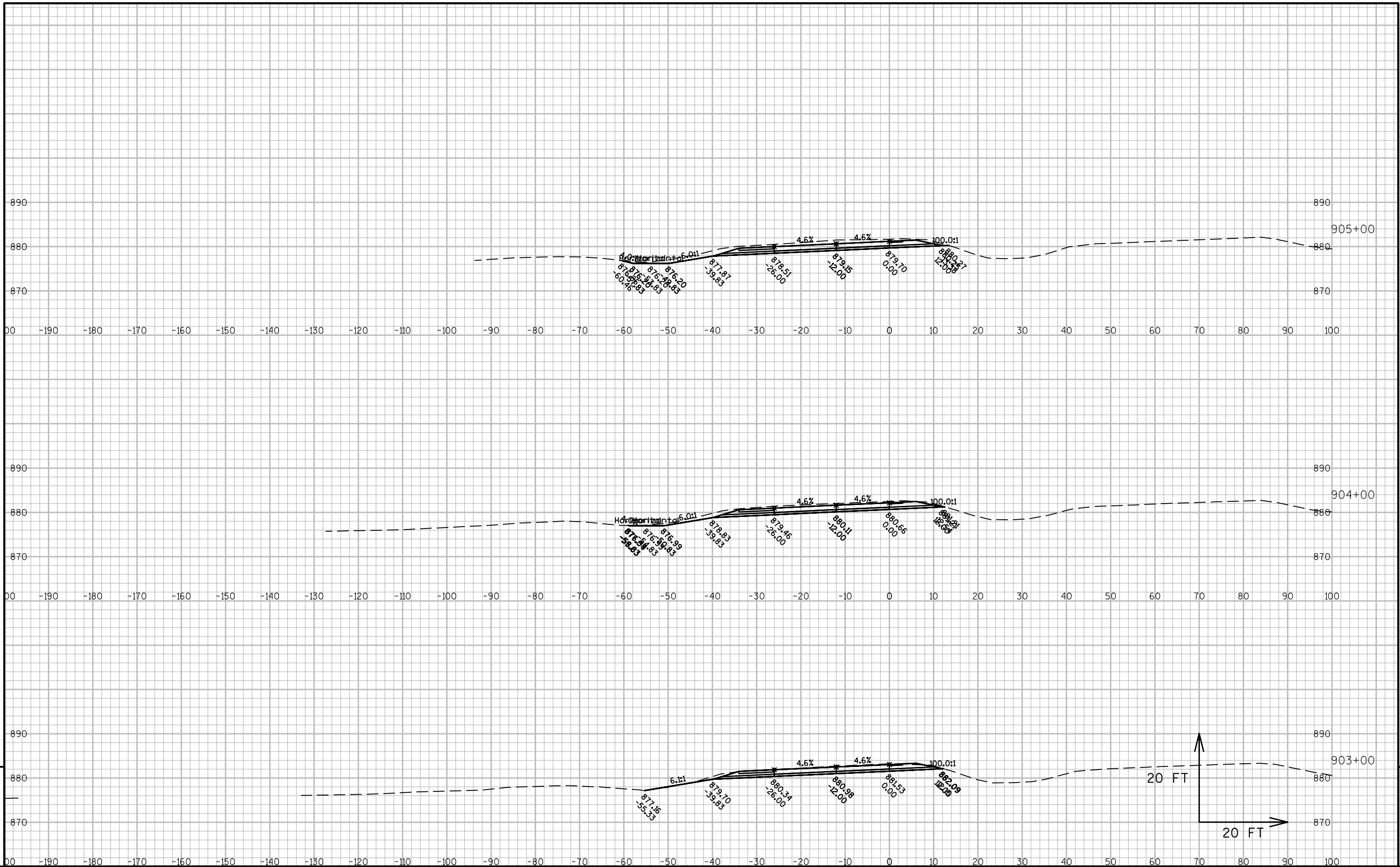


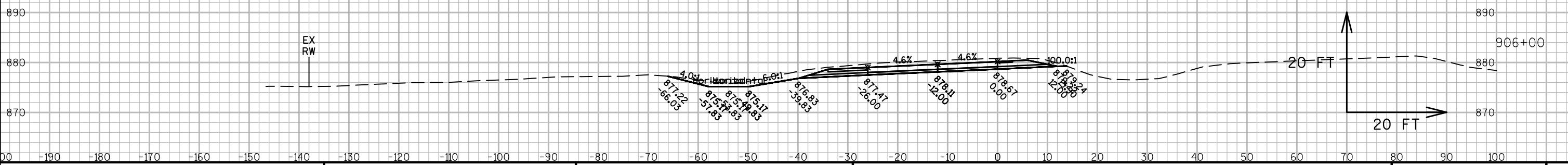
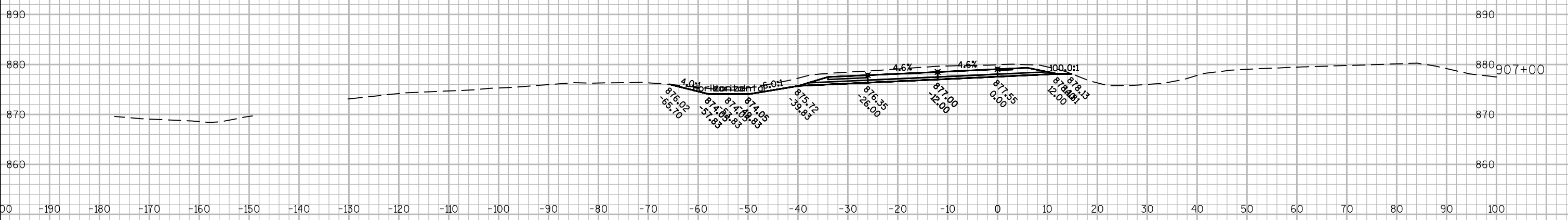
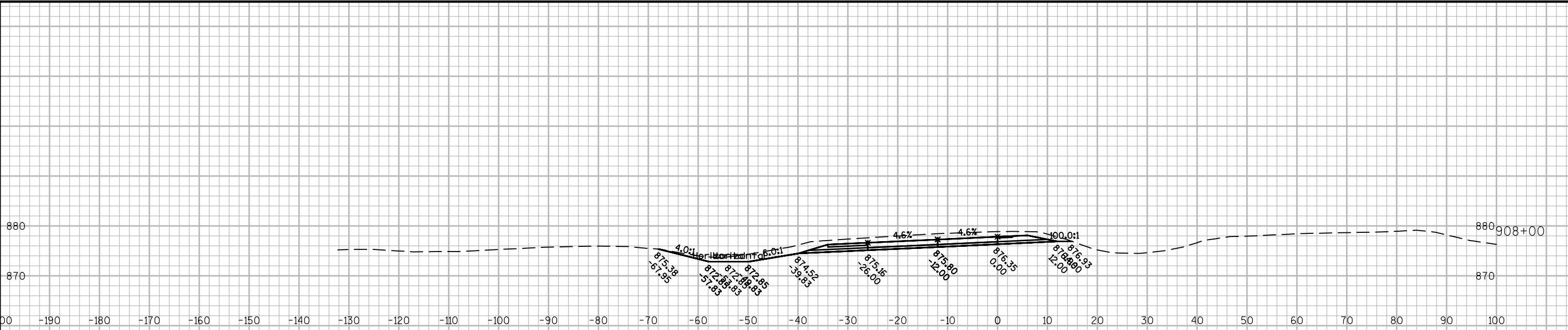




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