

COUNTY: DANE

PLAN OF PROPOSED IMPROVEMENT

STH 113(S) INTERSECTION

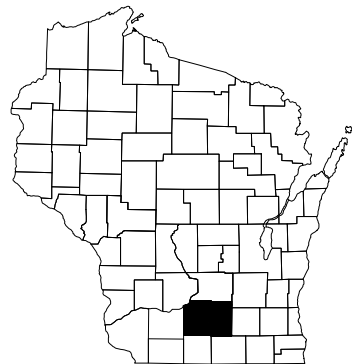
STH 19
DANE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5290-02-70		

30% PLAN

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 Plat
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 =




A.A.D.T.	2018	=	19100
A.A.D.T.	2038	=	22900
D.H.V.		=	2473
D.D.		=	59/41
T.		=	4.6%
DESIGN SPEED		=	60 MPH
ESALS		=	

PLAN
CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED HIGHWAY EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE

EXISTING CULVERT
PROPOSED CULVERT
(Box or Pipe)

CAUTION



PROFILE
 GRADE LINE
 ORIGINAL GROUND
 MARSH OR ROCK PROFILE
 (To be noted as such)
 SPECIAL DITCH

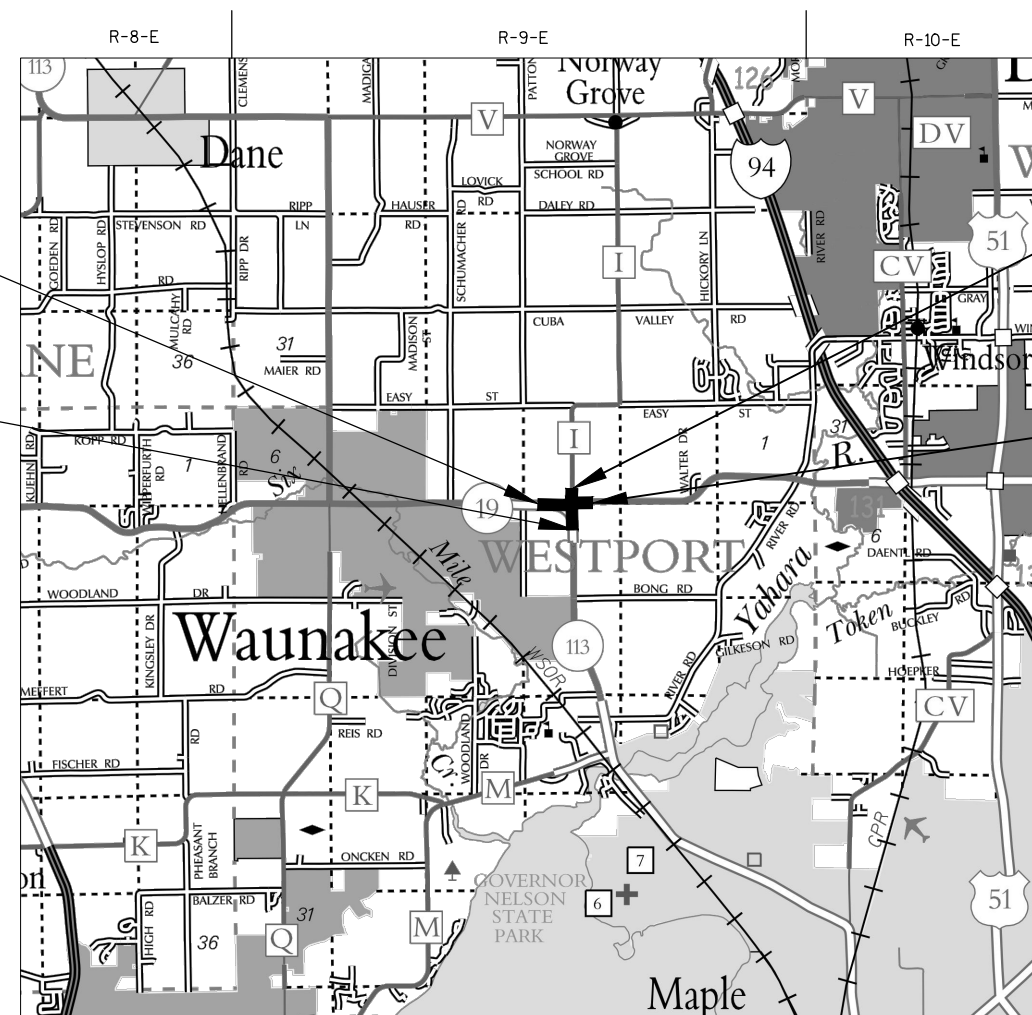
GRADE ELEVATION

CULVERT (Profile View)
UTILITIES
ELECTRIC
FIBER OPTIC
GAS

SANITARY SEWER
STORM SEWER
TELEPHONE
WATER
UTILITY PEDESTAL
POWER POLE
TELEPHONE POLE

95.36

— E —
 — FO —
 — G —
 — SAN —
 — SS —
 — T —
 — W —
 𐎶
 𐎶
 𐎶



END CONSTRUCTION
STA. 225+13.58 "SB"

END PROJECT
STA. 136+36.51 "WB"

LAYOUT

SCALE 0 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 1,165

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ORIGINAL PLANS PREPARED BY

WISDOT
SW REGION

(Date)

(Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	<u>SURVEYOR</u>
Designer	<u>GREGORY PAYNE</u>
Project Manager	<u>MATTHEW DAPP</u>
Regional Examiner	<u>REGIONAL EXAMINER</u>
Regional Supervisor	<u>WILLIAM STROBEL</u>

APPROVED FOR THE DEPARTMENT

DATE: _____ (Signature)

F

SECTION 2 ORDER OF SHEETS

GENERAL NOTES & UTILITY CONTACTS
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
PAVING DETAILS
EROSION CONTROL DETAILS
STORM SEWER DETAILS
PERMANENT SIGNING DETAILS
LIGHTING DETAILS
PAVEMENT MARKING DETAILS
TRAFFIC CONTROL STAGING
ALIGNMENT DETAILS

GENERAL NOTES

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

THE EXACT LOCATIONS AND LIMITS OF PRIVATE ENTRANCES AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

EROSION CONTROL ITEMS IN THE MISCELLANEOUS QUANTITIES, TYPICAL SECTIONS, AND EROSION CONTROL PLANS ARE SUGGESTED. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE TOPSOILED, FERTILIZED, AND SEEDED AS DIRECTED BY THE ENGINEER.

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

CURB AND GUTTER GRADES ARE MEASURED AT THE FLANGE LINE.

CURB AND GUTTER RADII ARE MEASURED TO THE FACE OF THE CURB.

THE LOCATION OF STORM SEWER STRUCTURES REFERS TO THE CENTER OF THE STRUCTURE.



Dial 811 or (800)242-8511
www.DiggersHotline.com

UTILITY CONTACTS

MIKE OLSEN
ATC MANAGEMENT, INC. - ELECTRICITY
801 O'KEEFE RD
P.O. BOX 6113
DE PERE, WI 54115-6113
(920) 338-6582
MOLSEN@ATCLLC.COM

BRANDON STORM
CHARTER COMMUNICATIONS - COMMUNICATION LINE
2701 DANIELS ST.
MADISON, WI 53718
(608) 274-3822
BRANDON.STORM@CHARTER.COM

GREG FRIES
CITY OF MADISON ENGINEERING - SEWER
210 MARTIN LUTHER KING JR BLVD, RM 115
MADISON, WI 53703
(608) 266-4751
GFRIES@CITYOFMADISON.COM

TIM STATZ
MADISON GAS AND ELECTRIC COMPANY - ELECTRICITY
P.O. BOX 1231
MADISON, WI 53701-1231
(608) 252-4727
TSTATZ@MGE.COM

ERIC HJELLEN
MADISON METROPOLITAN SEWERAGE DISTRICT - SEWER
1610 MOORLAND RD
MADISON, WI 53713
(608) 222-1202
ERICH@MADSEWER.ORG

JERRY MYERS
TDS TELECOM - COMMUNICATION LINE
525 JUNCTION RD
MADISON, WI 53717
(608) 664-4404
JERRY.MYERS@TDSTELECOM.COM

RANDY DORN
WAUNAKEE UTILITIES - WATER
322 MORAVIAN VALLEY RD
P.O. BOX 70
WAUNAKEE, WI 53597
(608) 849-4107
RDORN@WPPIENERGY.ORG

JASON HOGAN
ALLIANT ENERGY - ELECTRICITY
SUITE 1000
4902 N BILTMORE LANE
MADISON, WI 53718
(608) 458-4871
JASONHOGAN@ALLIANTENERGY.COM

DAVID DRYER
CITY OF MADISON ENGINEERING - COMMUNICATION LINE
215 MARTIN LUTHER KING JR BLVD
P.O. BOX 2986
MADISON, WI 53701-2986
(608) 266-6546

DAVID DRYER
CITY OF MADISON ENGINEERING - STREET LIGHTING
215 MARTIN LUTHER KING JR BLVD
P.O. BOX 2986
MADISON, WI 53701-2986
(608) 266-6546

TIM STATZ
MADISON GAS AND ELECTRIC COMPANY - GAS/PETROLEUM
P.O. BOX 1231
MADISON, WI 53701-1231
(608) 252-4727
TSTATZ@MGE.COM

JIM KOSTUCH
MCLEOD USA TELECOMMUNICATION SERVICES INC - COMMUNICATION LINE
13935 BISHOPS DRIVE
BROOKFIELD, WI 53005
(262) 792-7938
JAMES.KOSTUCH@WINDSTREAM.COM

SHAWN HANEY
TOWN OF VIENNA - SEWER
7161 CTH I
DE FOREST, WI 53532
(608) 846-3800
TOVCLERK@CENTURYTEL.NET

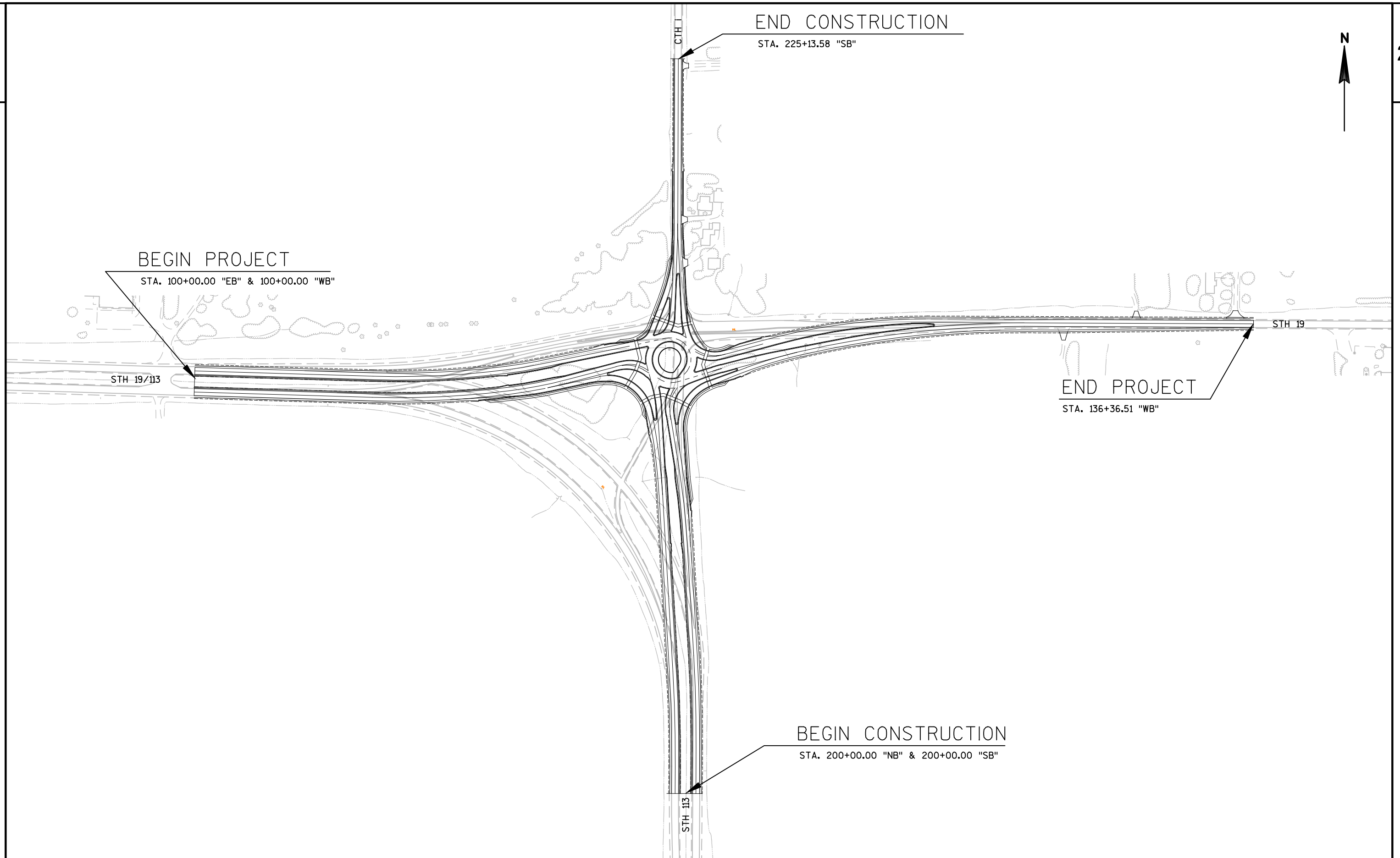
DENOTES UTILITIES THAT ARE **NOT DIGGERS HOTLINE MEMBERS

AIRPORT CONTACT

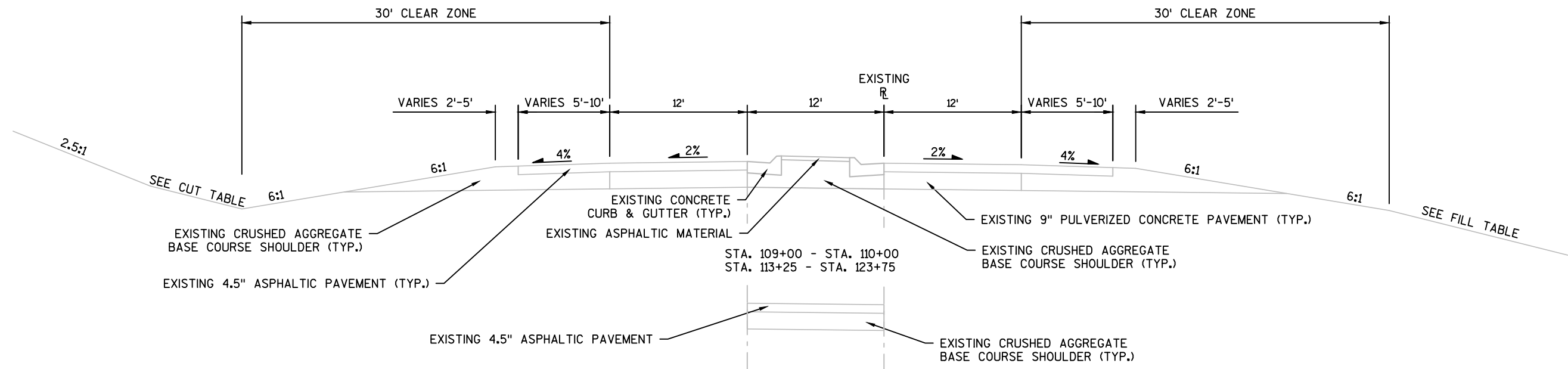
JUSTIN HETLAND
AIRSPACE SAFETY PROGRAM MANAGER
DEPARTMENT OF
TRANSPORTATION/DTIM/AERONAUTICS
4802 SHEBOYGAN AVE ROOM 701
MADISON, WI 53707
608-267-5018

DNR CONTACT

ERIC HEGGELUND
3911 FISH HATCHERY RD
FITCHBURG, WI 53711
(608) 275-3301
ANDREW.BARTA@WISCONSIN.GOV



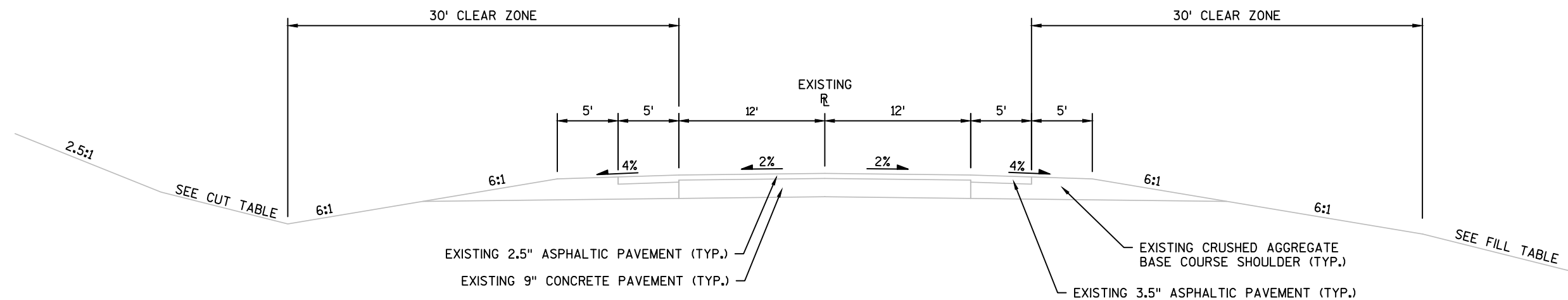
PROJECT NO:5290-02-70	HWY:STH 19	COUNTY:DANE	PROJECT OVERVIEW	SHEET	E
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STA. 109+00 - STA. 110+00
STA. 113+25 - STA. 123+75

STH 19 EXISTING TYPICAL SECTION

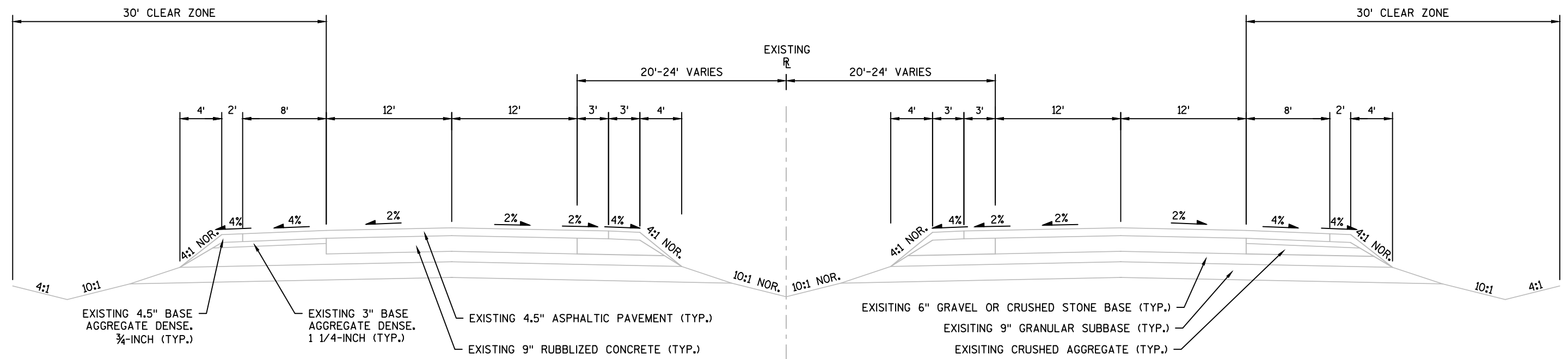
STA. 109+00 - STA. 127+50 "WB"



STH 19 EXISTING TYPICAL SECTION

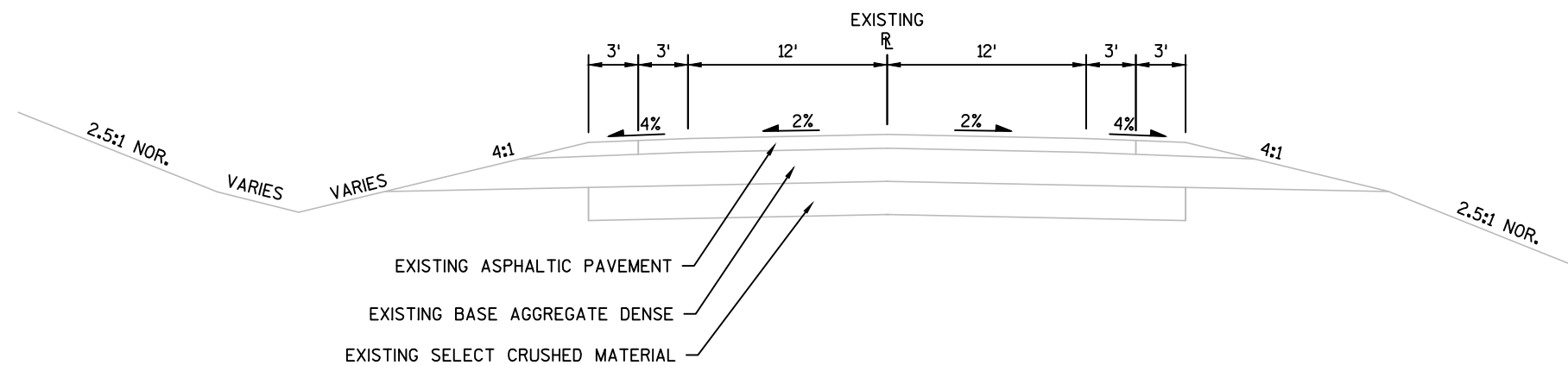
STA. 127+50 - STA. 136+36.51 "WB"

CUT TABLE	FILL TABLE
0'-5' = 6:1	0'-5' = 6:1
5'-15' = 4:1	5'-20' = 4:1
OVER 15' = 2.5:1	OVER 20' = 2.5:1



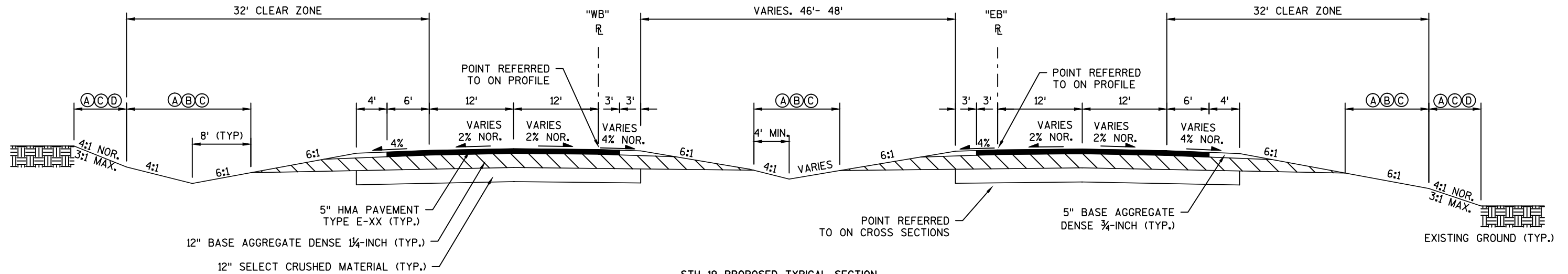
STH 19/ 113 EXISTING TYPICAL SECTION

STA. 100+00 - 109+00 "WB"
STA 200+00 - 208+00 "SB"



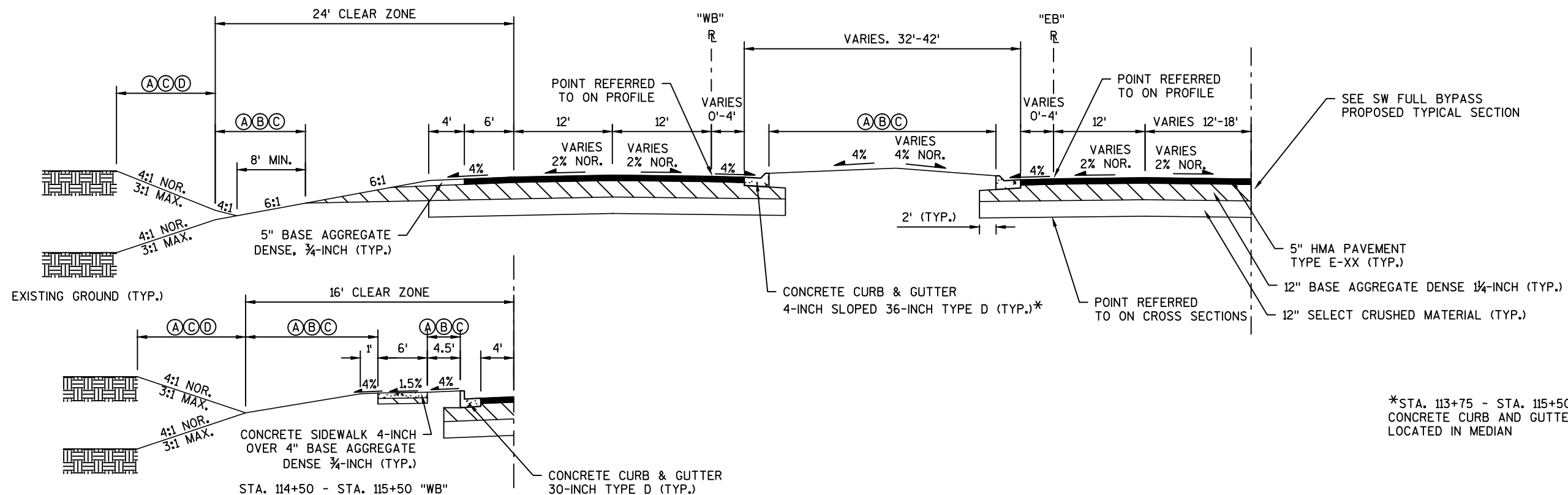
CTH 1 EXISTING TYPICAL SECTION

STA. 215+50 - STA. 225+13.58 "SB"



STH 19 PROPOSED TYPICAL SECTION

STA. 100+00 - STA. 109+75 "EB"
STA. 100+00 - STA. 110+75 "WB"

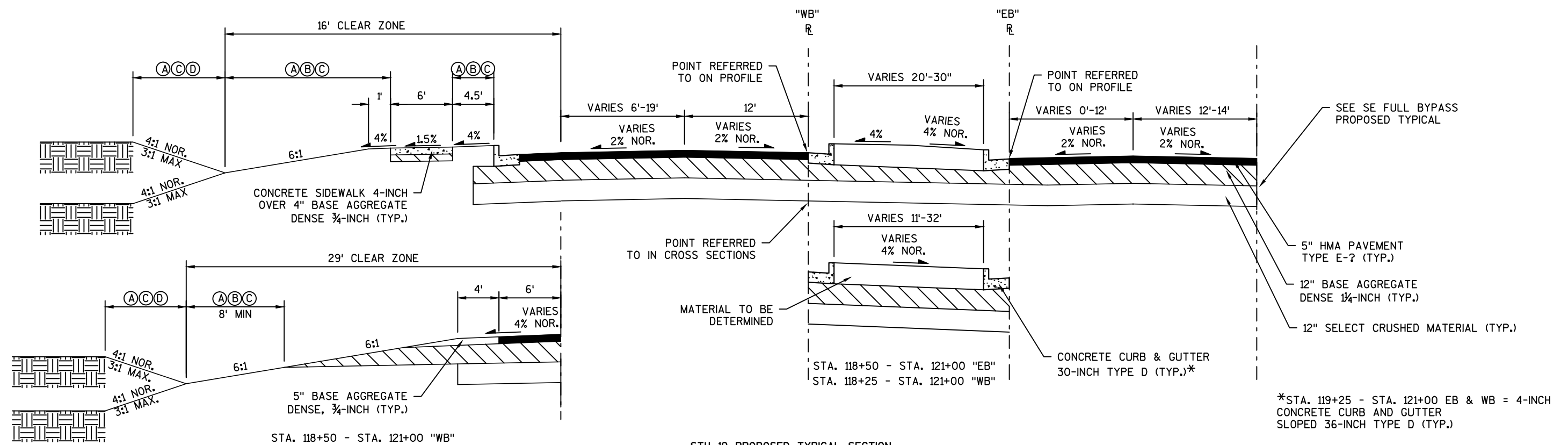


LEGEND

- (A) SEEDING MIXTURE *XX, SEEDING TEMPORARY, AND FERTILIZER TYPE XX
- (B) MULCHING
- (C) SALVAGED TOPSOIL
- (D) EROSION MAT, CLASS I TYPE B

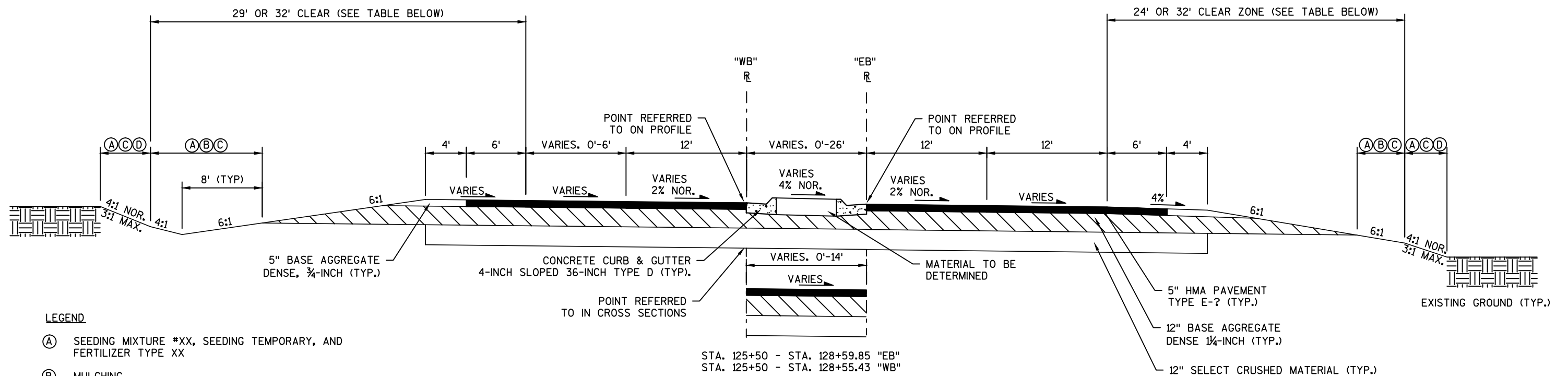
STH 19 PROPOSED TYPICAL SECTION

STA. 109+75 - STA. 115+50 "EB"
STA. 110+75 - STA. 115+50 "WB"



STH 19 PROPOSED TYPICAL SECTION

STA. 117+00 - STA. 121+00 "EB"
STA. 117+00 - STA. 121+00 "WB"



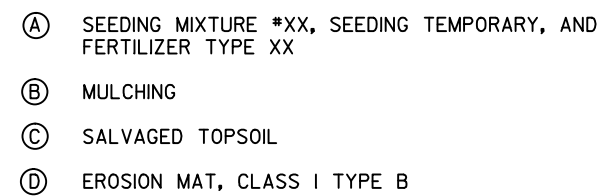
STH 19 PROPOSED TYPICAL SECTION

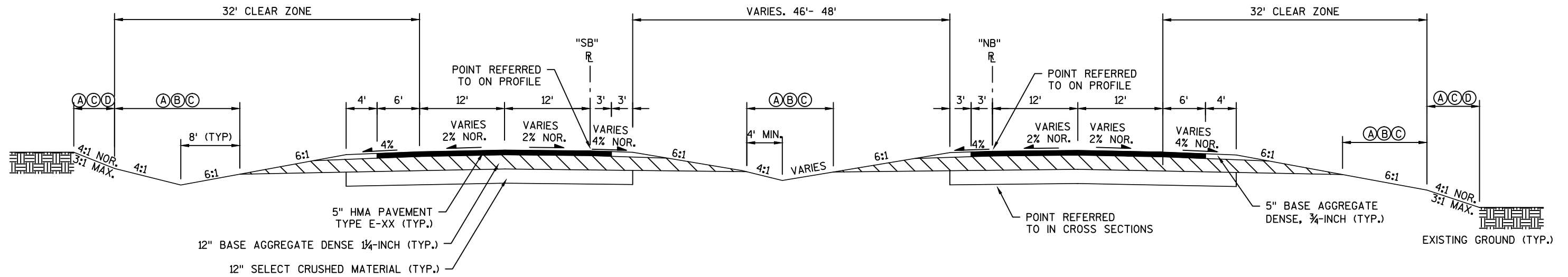
STA. 121+00 - STA. 128+59.85 "EB"
STA. 121+00 - STA. 128+55.43 "WB"

STA. 121+00.00 - STA. 125+50.00 "EB" = 24' CLEAR ZONE
STA. 125+50.00 - STA. 128+59.85 "EB" = 32' CLEAR ZONE
STA. 121+00.00 - STA. 125+50.00 "WB" = 29' CLEAR ZONE
STA. 125+50.00 - STA. 128+55.43 "WB" = 32' CLEAR ZONE

LEGEND

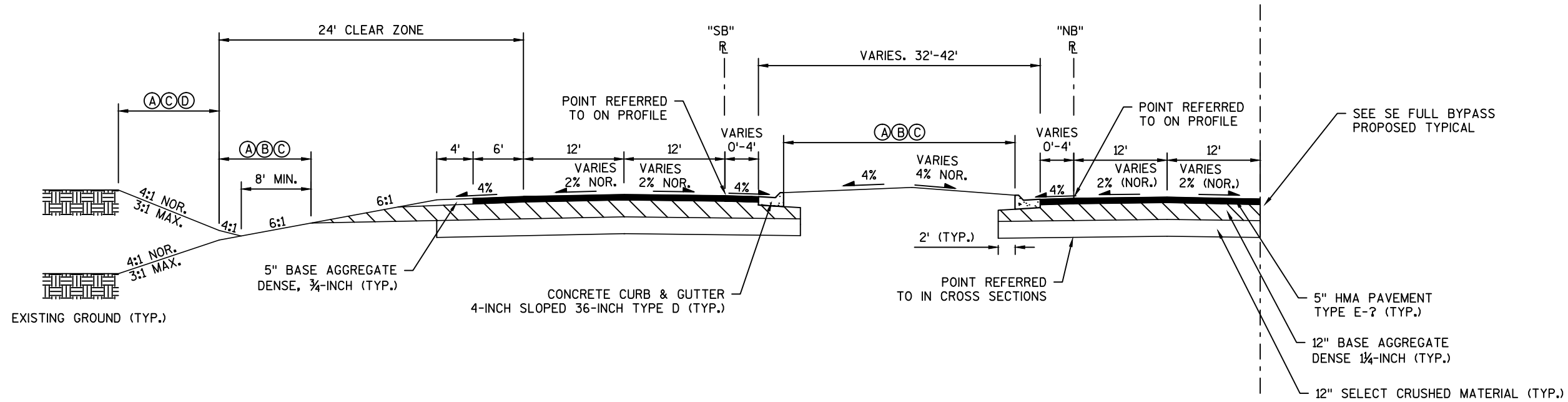
- (A) SEEDING MIXTURE *XX, SEEDING TEMPORARY, AND FERTILIZER TYPE XX
- (B) MULCHING
- (C) SALVAGED TOPSOIL
- (D) EROSION MAT, CLASS I TYPE B





STH 113 PROPOSED TYPICAL SECTION

STA. 200+00 - STA. 208+50 "NB"
STA. 200+00 - STA. 208+50 "SB"

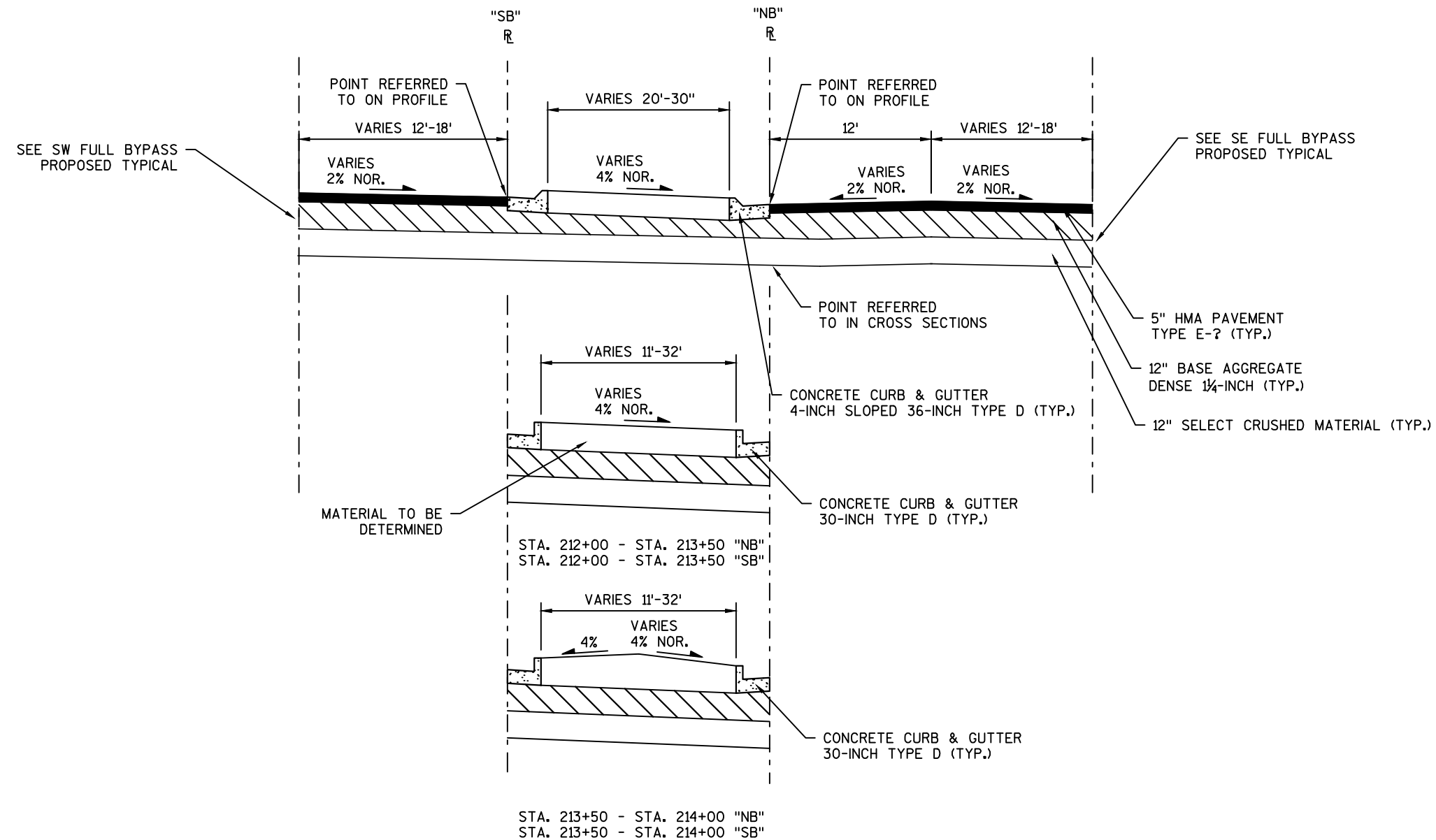


LEGEND

- (A) SEEDING MIXTURE *XX, SEEDING TEMPORARY, AND FERTILIZER TYPE XX
- (B) MULCHING
- (C) SALVAGED TOPSOIL
- (D) EROSION MAT, CLASS I TYPE B

STH 113 PROPOSED TYPICAL SECTION

STA. 208+50 - STA. 211+00 "NB"
STA. 208+50 - STA. 211+00 "SB"



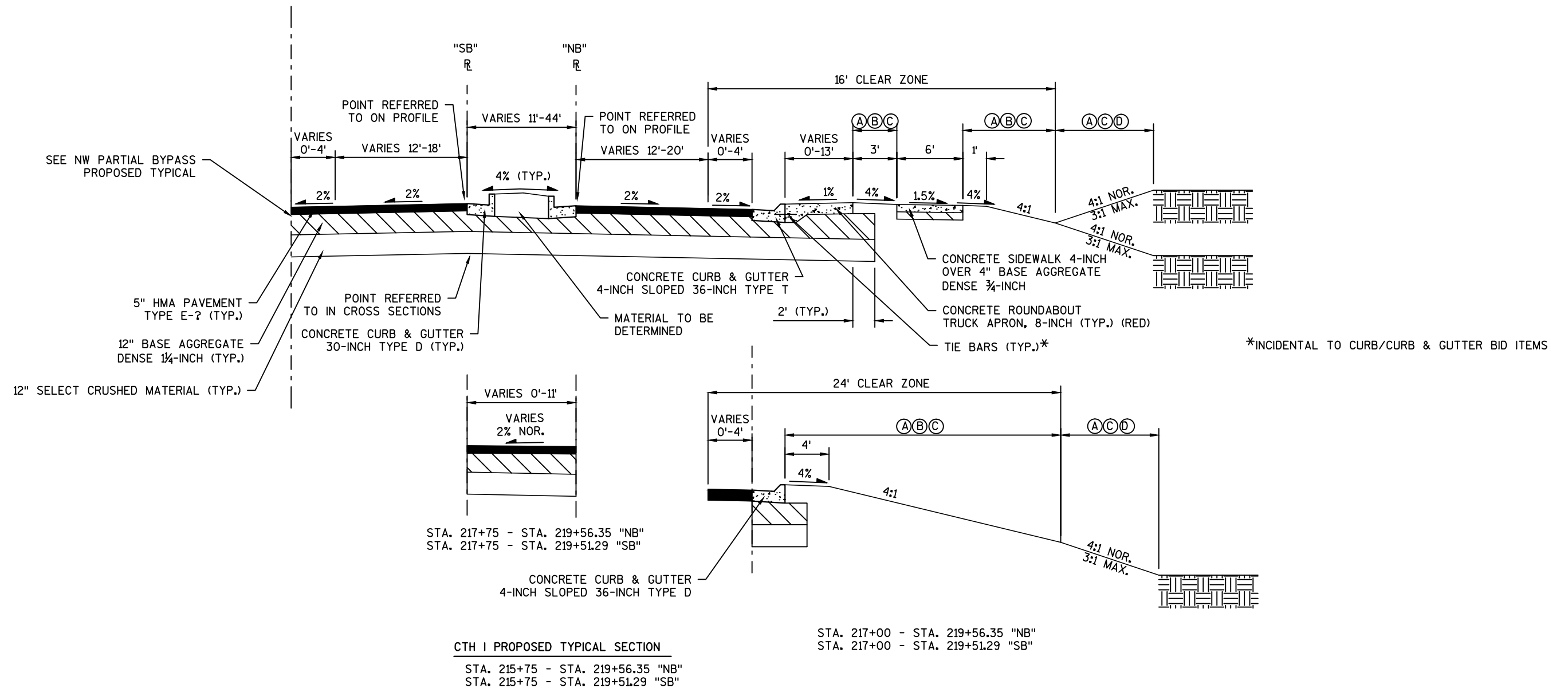
LEGEND

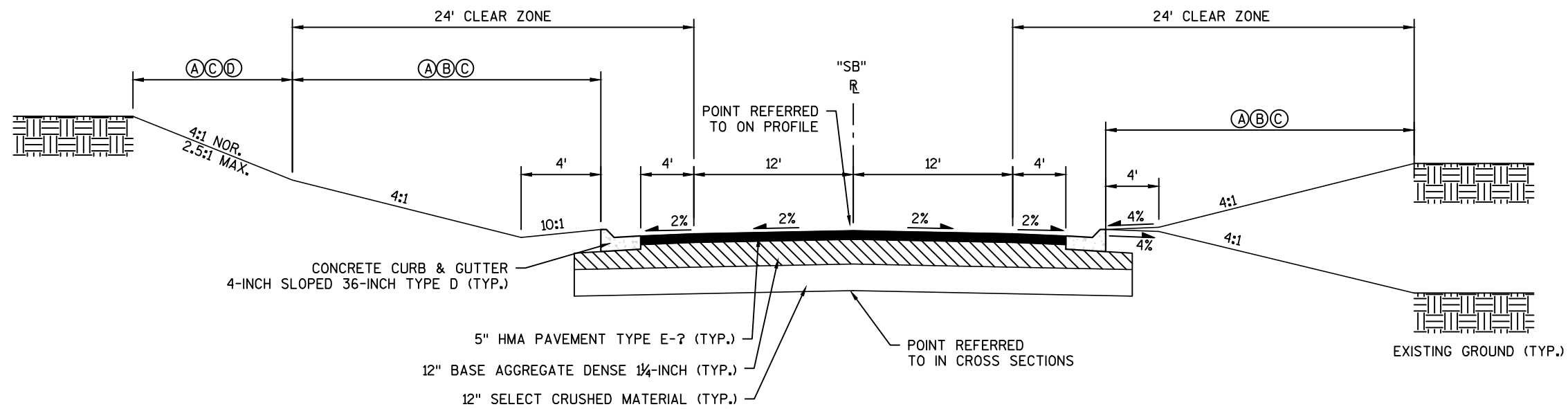
- (A) SEEDING MIXTURE *XX, SEEDING TEMPORARY, AND FERTILIZER TYPE XX
- (B) MULCHING
- (C) SALVAGED TOPSOIL
- (D) EROSION MAT, CLASS I TYPE B

STH 113 PROPOSED TYPICAL SECTION

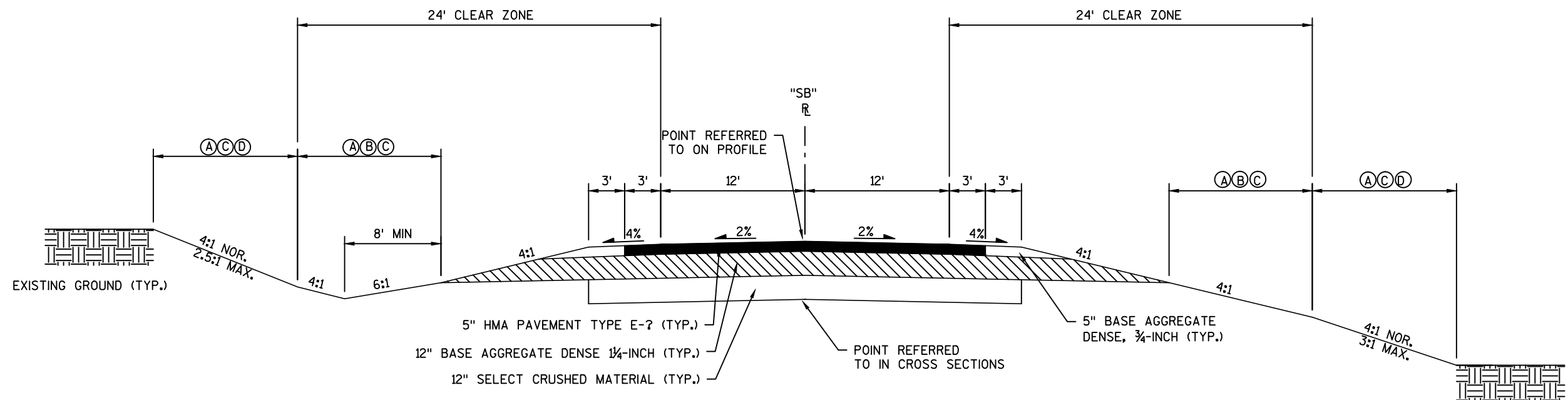
STA. 211+00 - STA. 214+00 "NB"

STA. 211+00 - STA. 214+00 "SB"





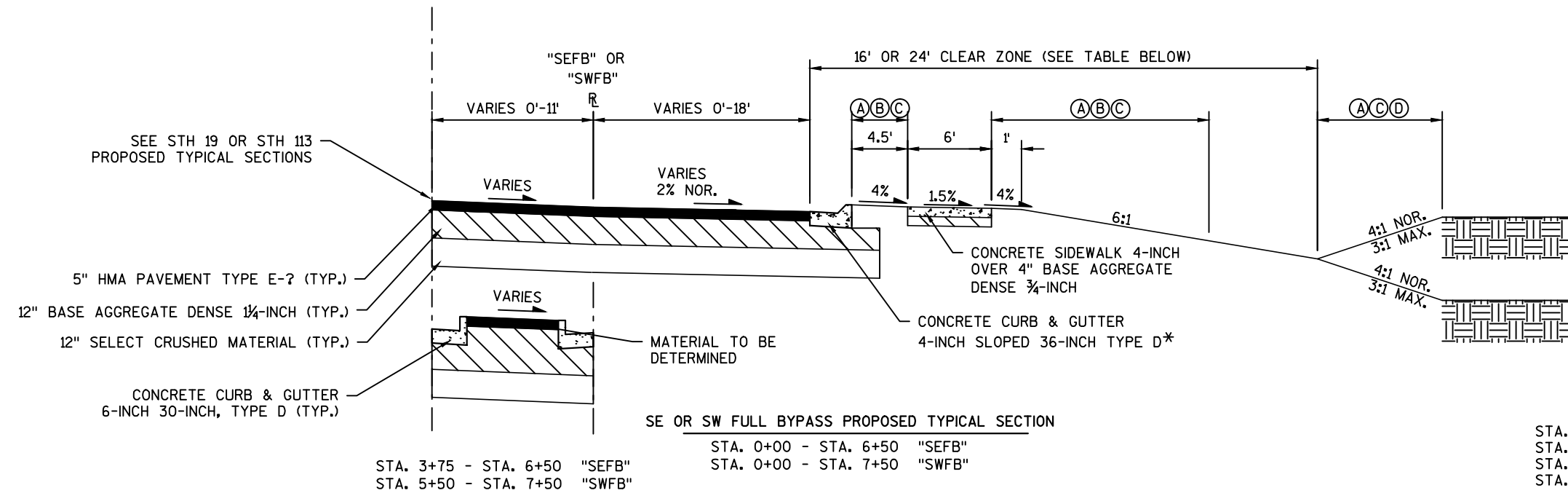
CTH I PROPOSED TYPICAL SECTION
STA. 219+51.29 - STA. 221+75 "SB"



CTH I PROPOSED TYPICAL SECTION
STA. 221+75 - STA. 225+13.58 "SB"

LEGEND

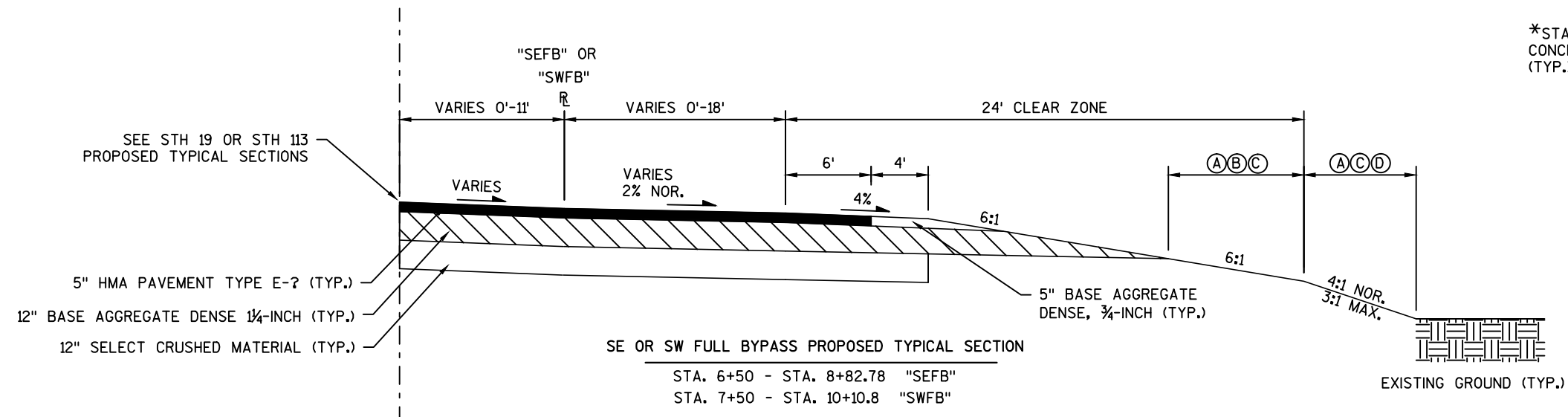
- (A) SEEDING MIXTURE *XX, SEEDING TEMPORARY, AND FERTILIZER TYPE XX
- (B) MULCHING
- (C) SALVAGED TOPSOIL
- (D) EROSION MAT, CLASS I TYPE B



STA. 0+00 - STA. 2+00 "SEFB" = 24' CLEAR ZONE
 STA. 0+00 - STA. 5+50 "SWFB" = 24' CLEAR ZONE
 STA. 2+00 - STA. 6+50 "SEFB" = 16' CLEAR ZONE
 STA. 5+50 - STA. 7+50 "SWFB" = 16' CLEAR ZONE

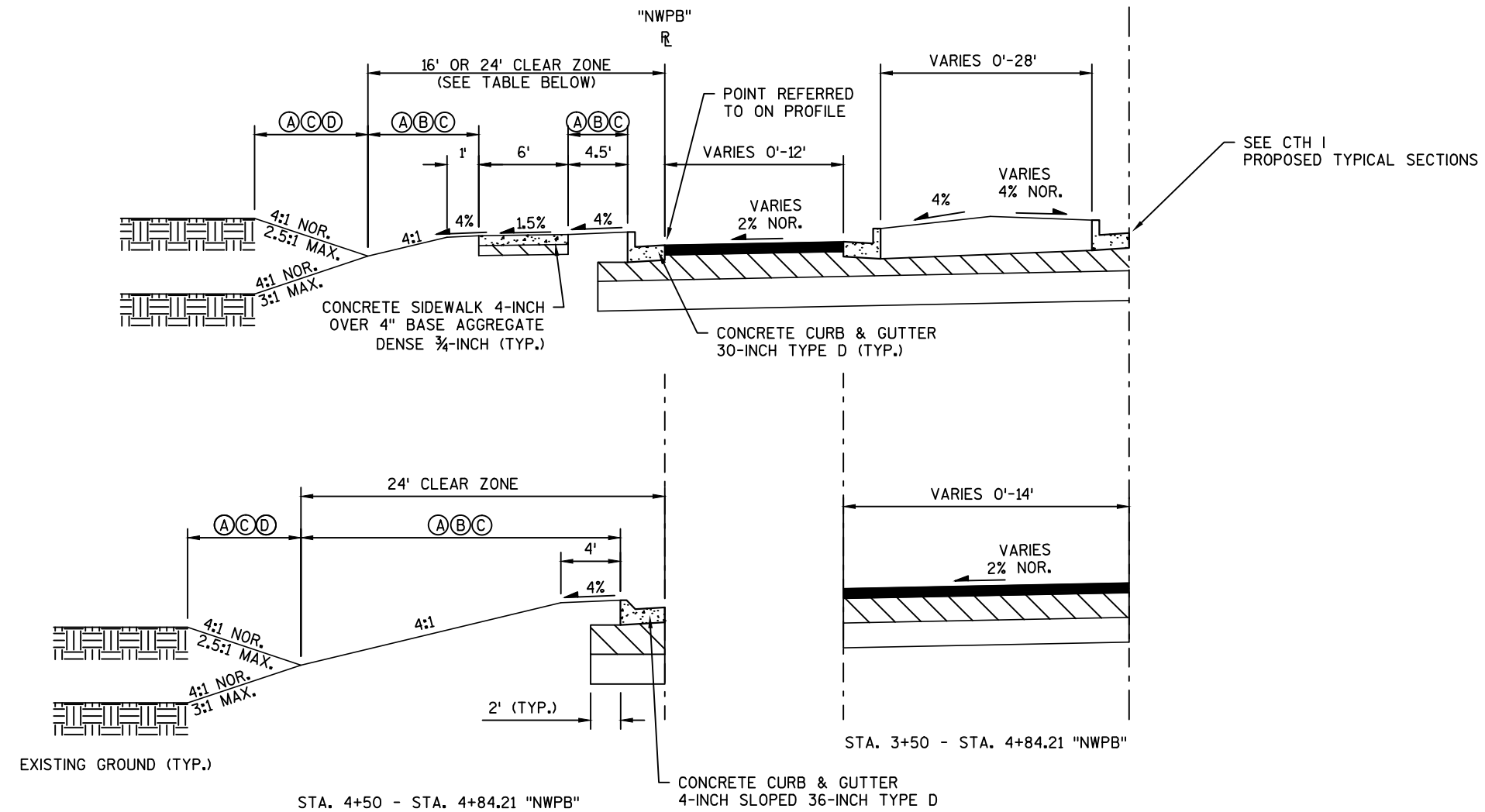
*STA. 2+00 - STA. 6+50 "SEFB" =
 CONCRETE CURB AND GUTTER 30-INCH TYPE D
 (TYP.)

*STA. 5+50 - STA. 7+50 "SWFB" =
 CONCRETE CURB AND GUTTER 30-INCH TYPE D
 (TYP.)



LEGEND

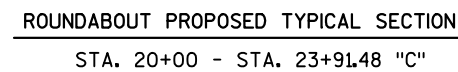
- (A) SEEDING MIXTURE *XX, SEEDING TEMPORARY, AND FERTILIZER TYPE XX
- (B) MULCHING
- (C) SALVAGED TOPSOIL
- (D) EROSION MAT, CLASS I TYPE B



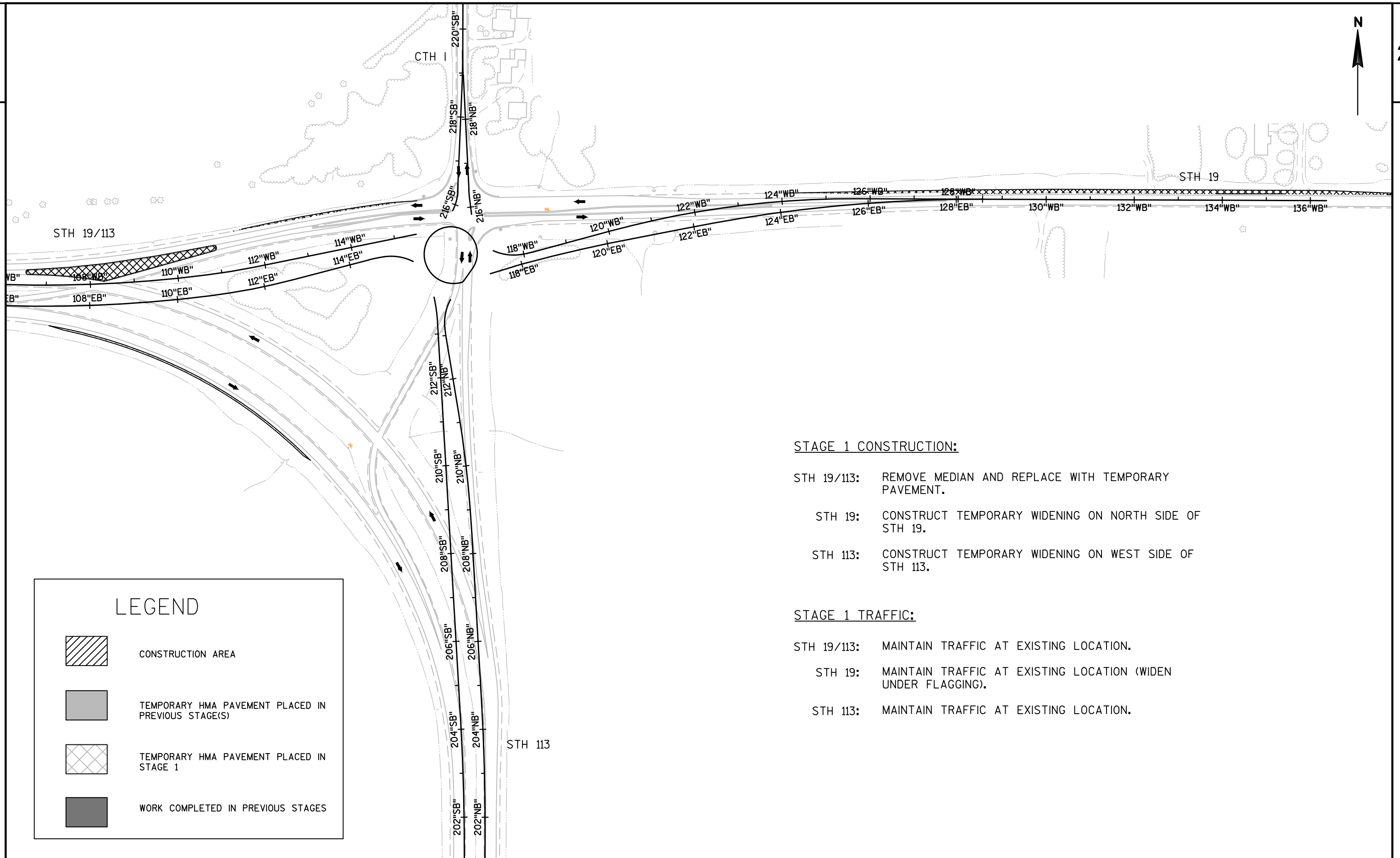
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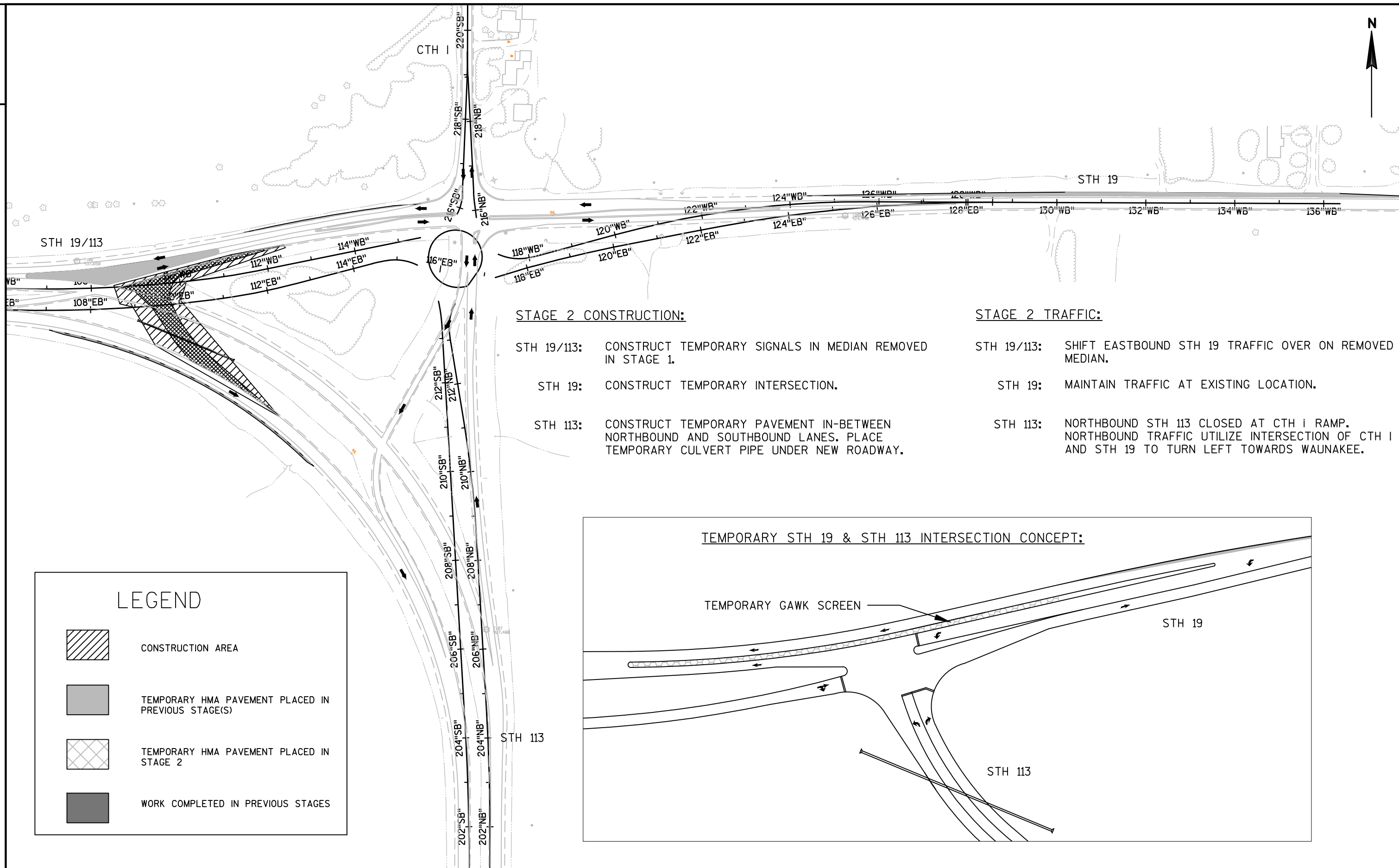
- (A) SEEDING MIXTURE *XX, SEEDING TEMPORARY, AND FERTILIZER TYPE XX
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- (C) SALVAGED TOPSOIL
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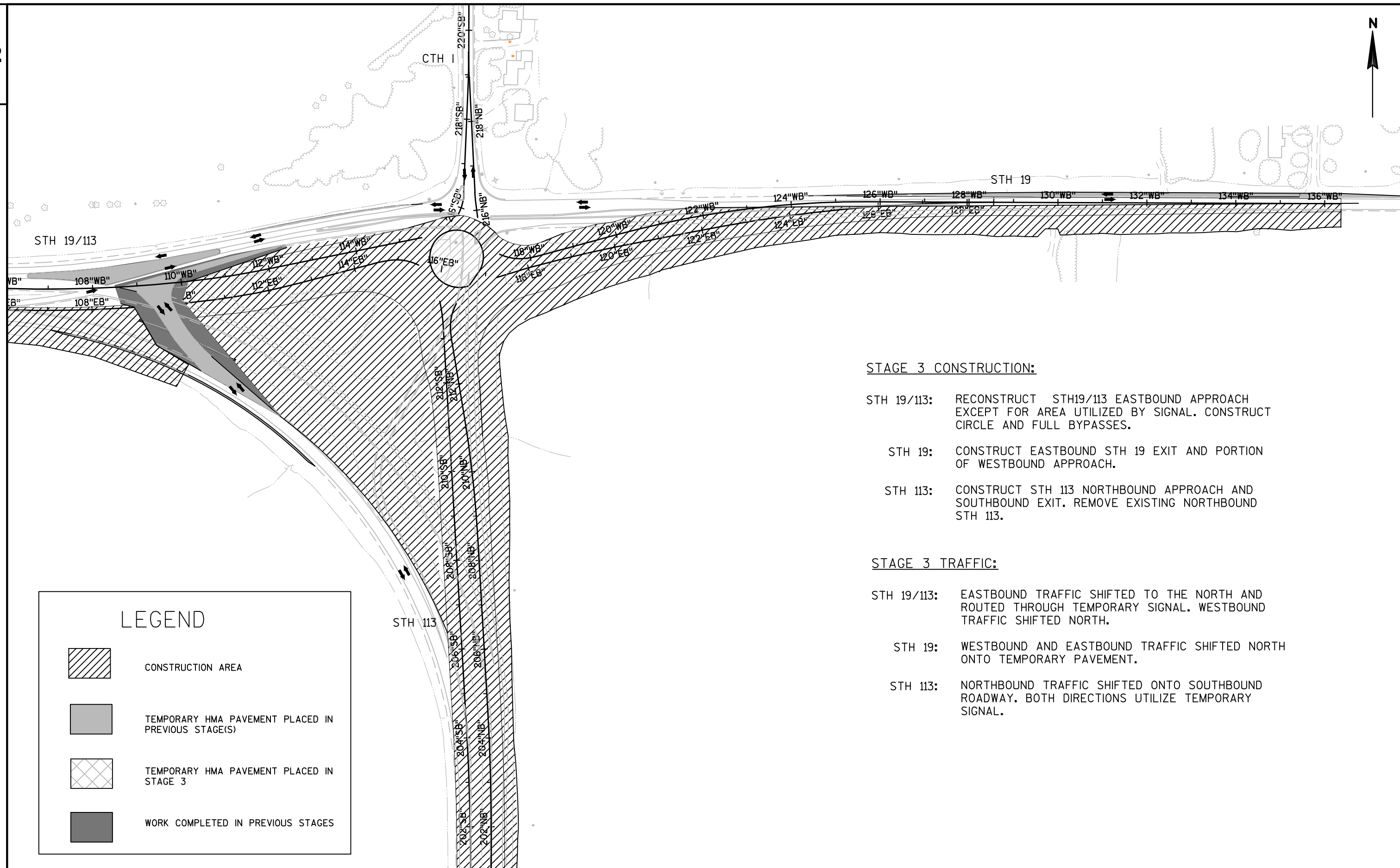
STA. 0+00 - STA. 3+50 "NWPB" = 16' CLEAR ZONE
STA. 3+50 - STA. 4+50 "NWPB" = 24' CLEAR ZONE

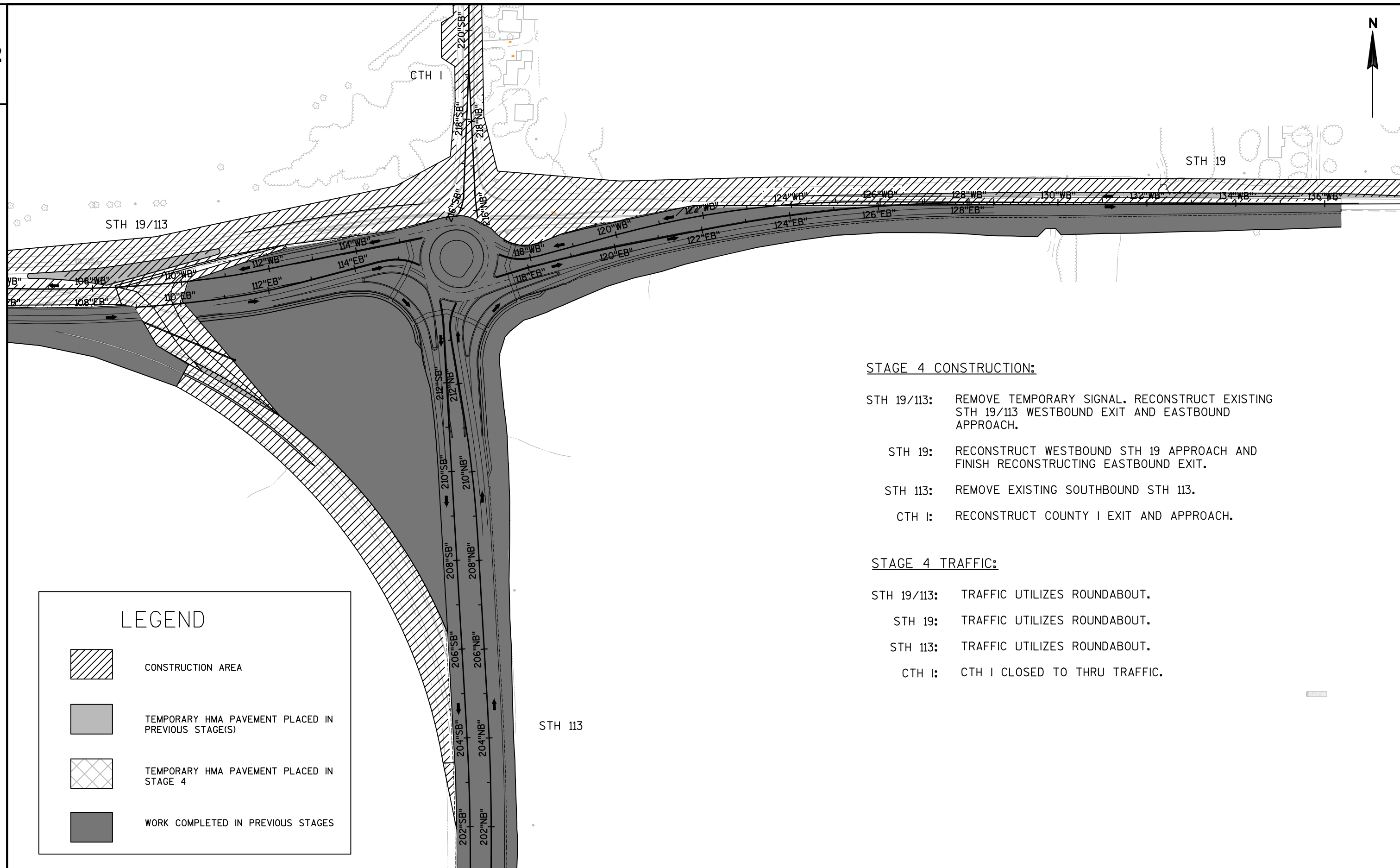


- (A) SEEDING MIXTURE *XX, SEEDING TEMPORARY, AND FERTILIZER TYPE XX
- (B) MULCHING
- (C) SALVAGED TOPSOIL
- (D) EROSION MAT, CLASS I TYPE B









LEGEND



CONSTRUCTION AREA

TEMPORARY HMA PAVEMENT PLACED IN
PREVIOUS STAGE(S)TEMPORARY HMA PAVEMENT PLACED IN
STAGE 4

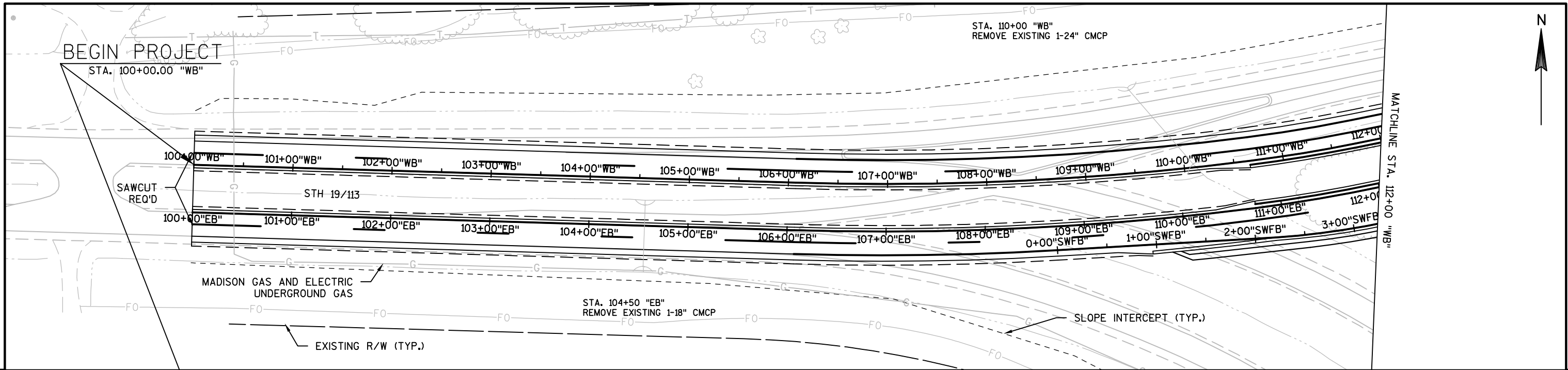
WORK COMPLETED IN PREVIOUS STAGES

STAGE 4 CONSTRUCTION:

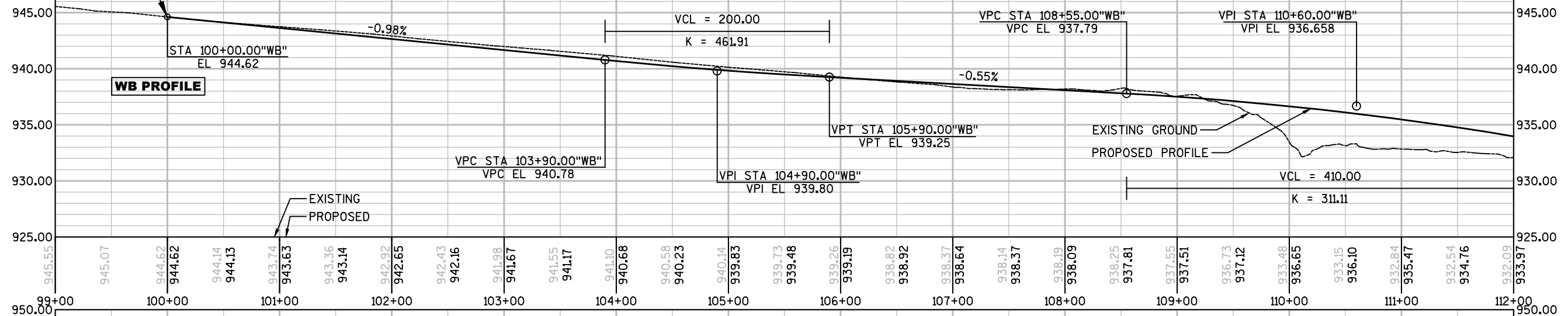
- STH 19/113: REMOVE TEMPORARY SIGNAL. RECONSTRUCT EXISTING STH 19/113 WESTBOUND EXIT AND EASTBOUND APPROACH.
- STH 19: RECONSTRUCT WESTBOUND STH 19 APPROACH AND FINISH RECONSTRUCTING EASTBOUND EXIT.
- STH 113: REMOVE EXISTING SOUTHBOUND STH 113.
- CTH I: RECONSTRUCT COUNTY I EXIT AND APPROACH.

STAGE 4 TRAFFIC:

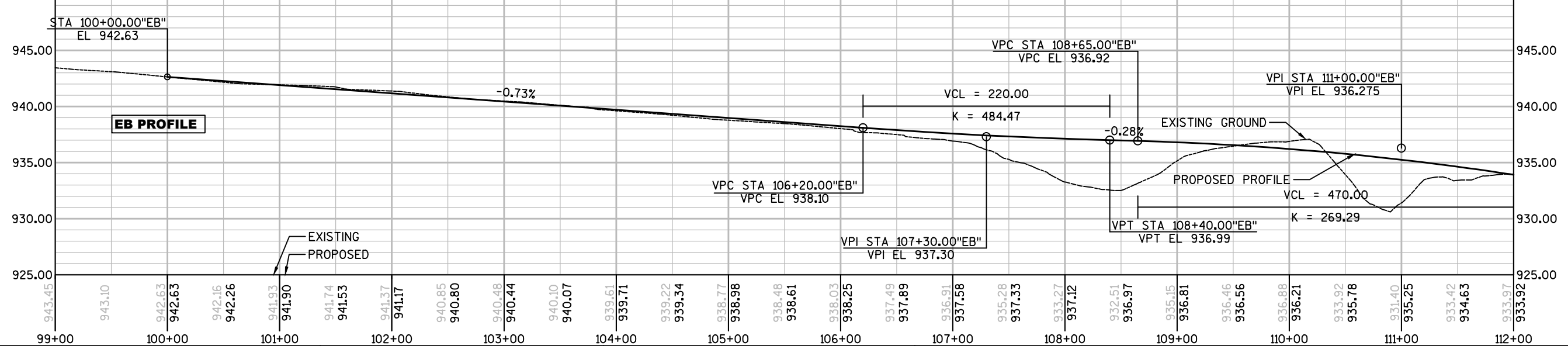
- STH 19/113: TRAFFIC UTILIZES ROUNDABOUT.
- STH 19: TRAFFIC UTILIZES ROUNDABOUT.
- STH 113: TRAFFIC UTILIZES ROUNDABOUT.
- CTH I: CTH I CLOSED TO THRU TRAFFIC.

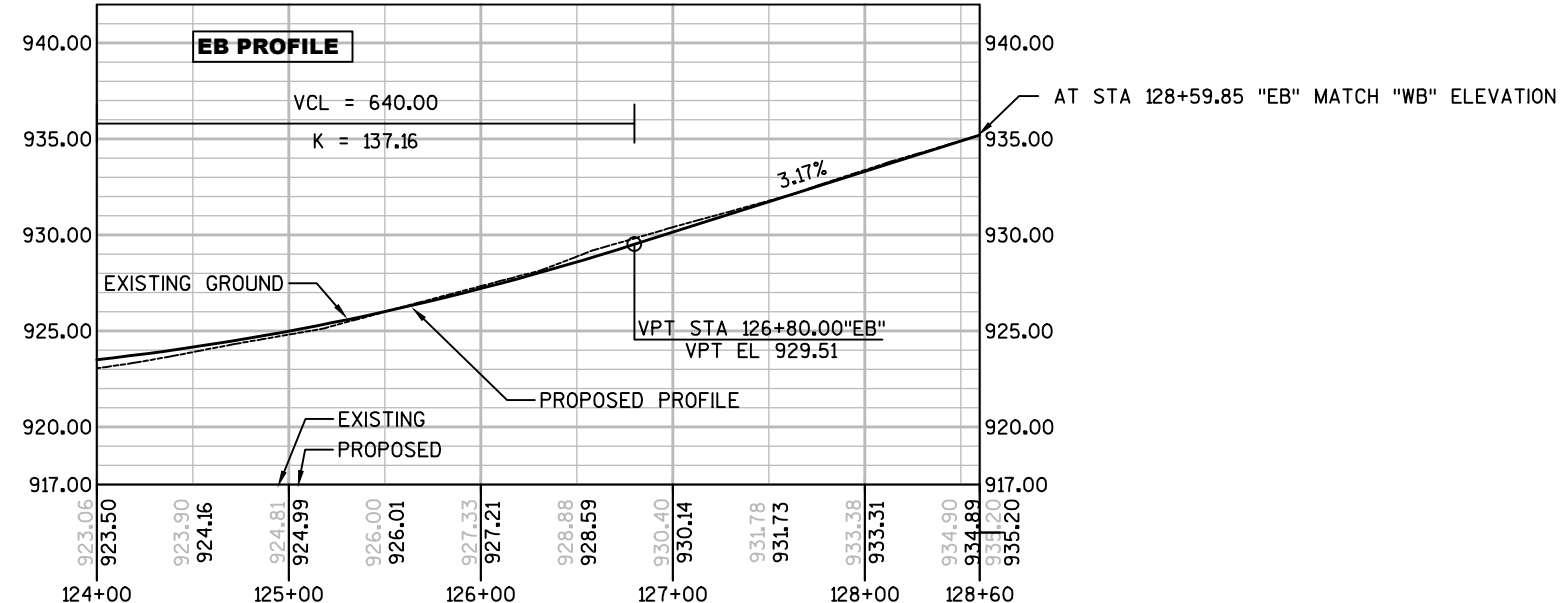
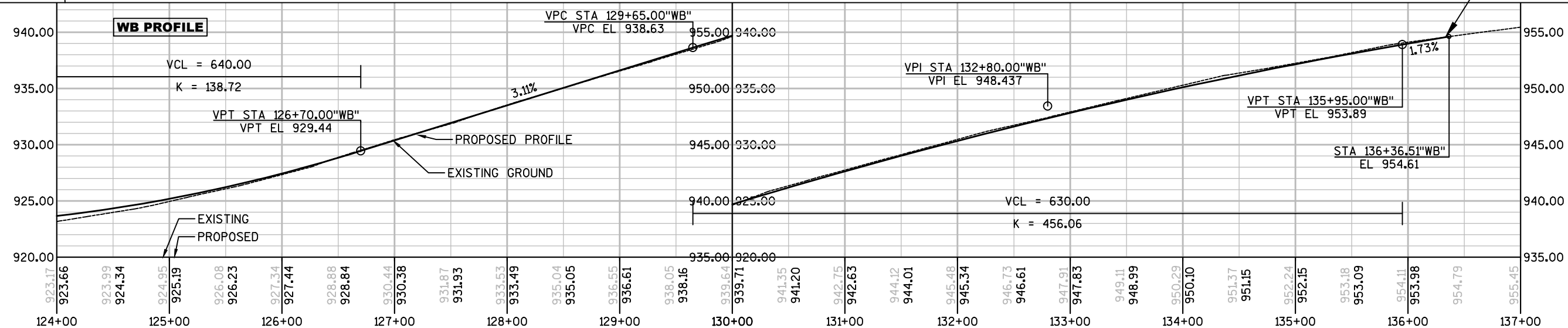
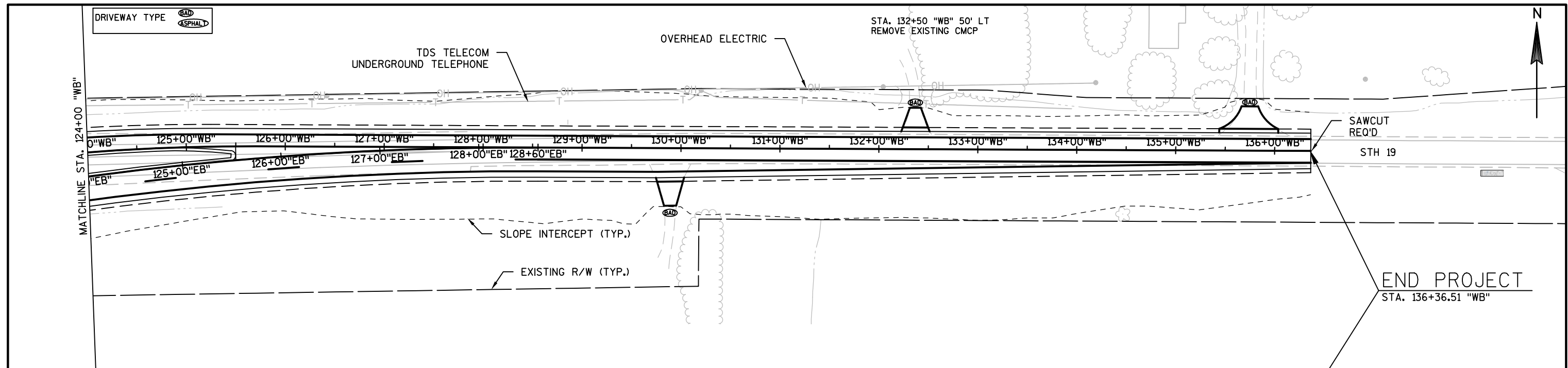


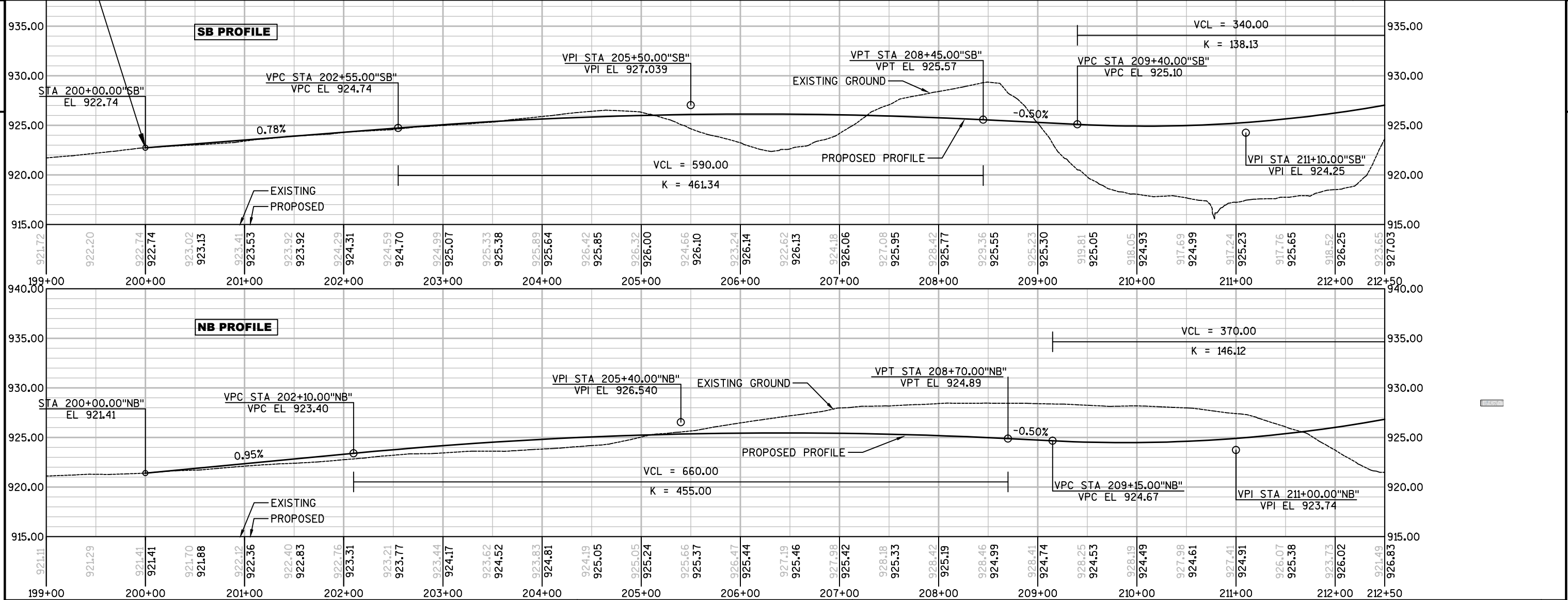
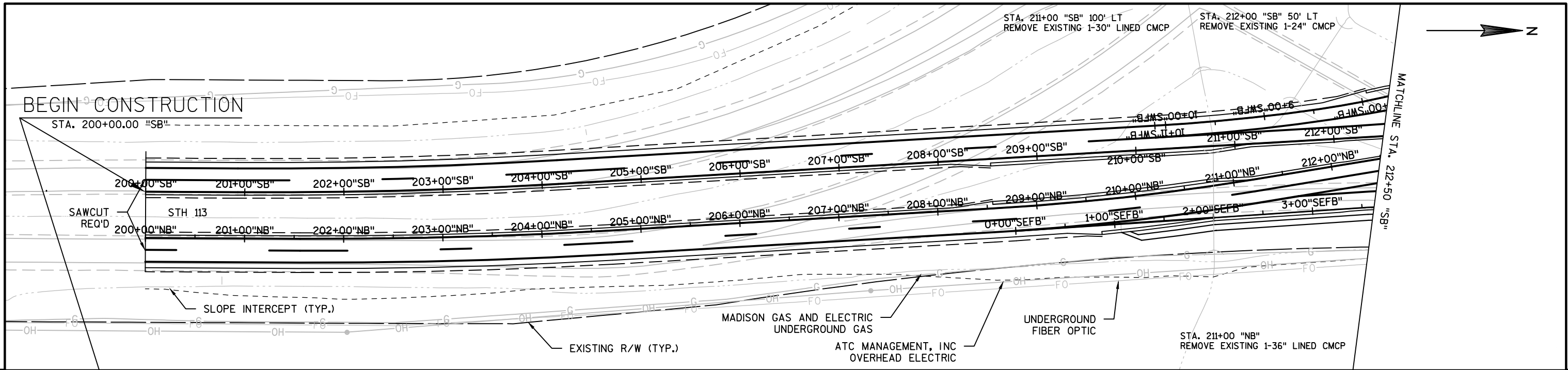
WB PROFILE



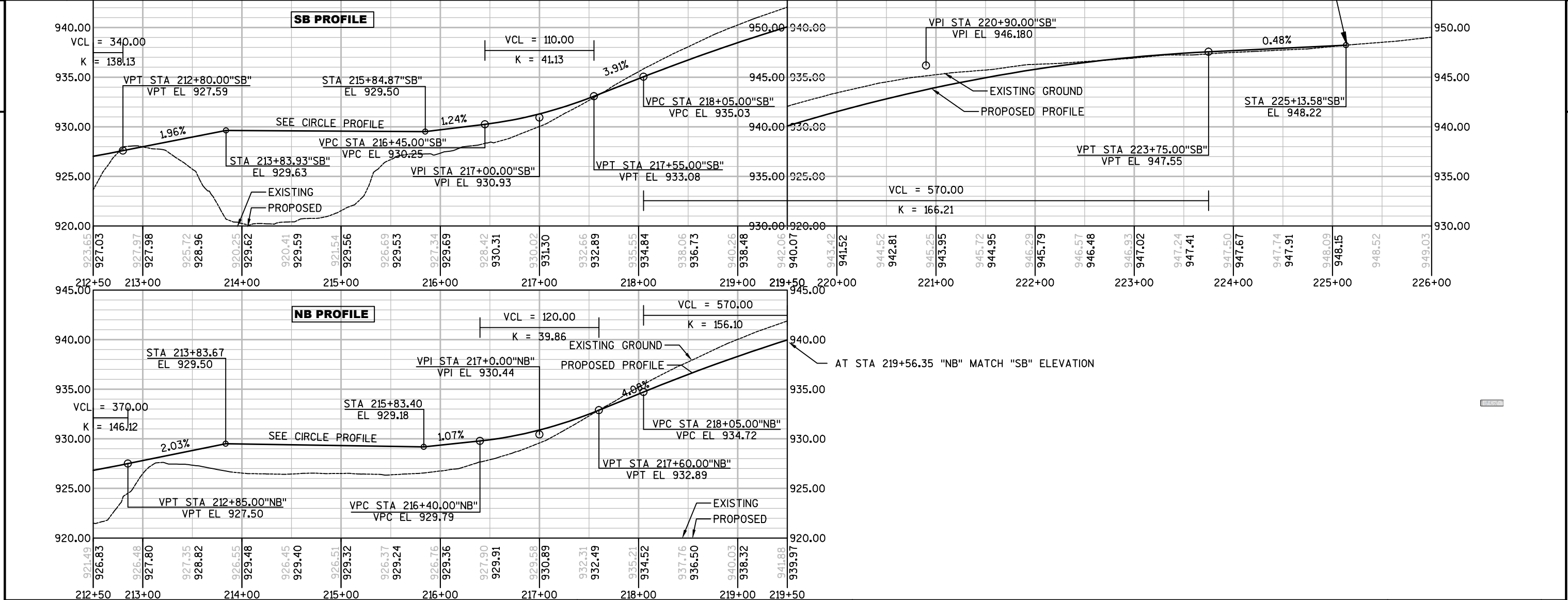
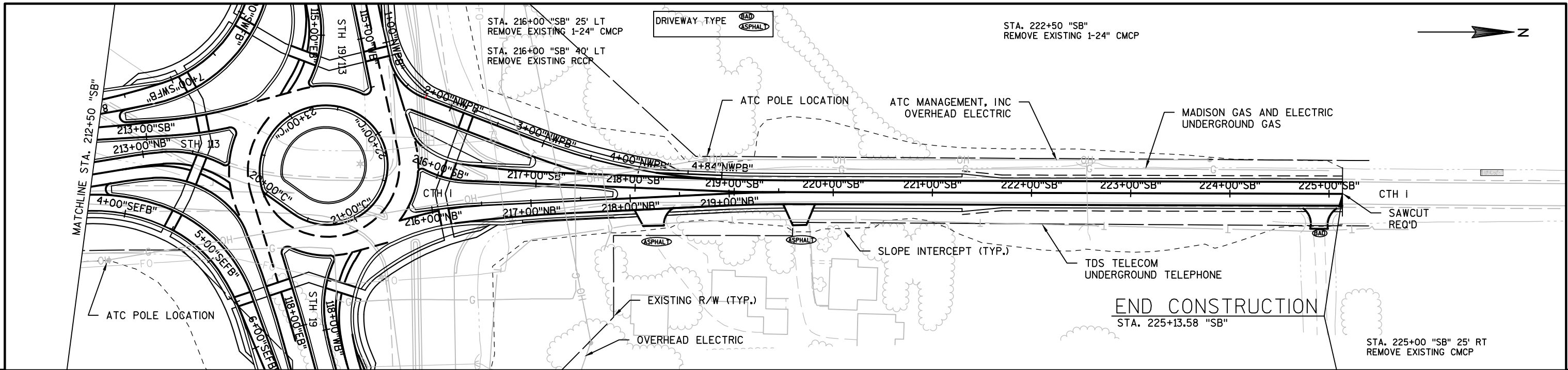
EB PROFILE

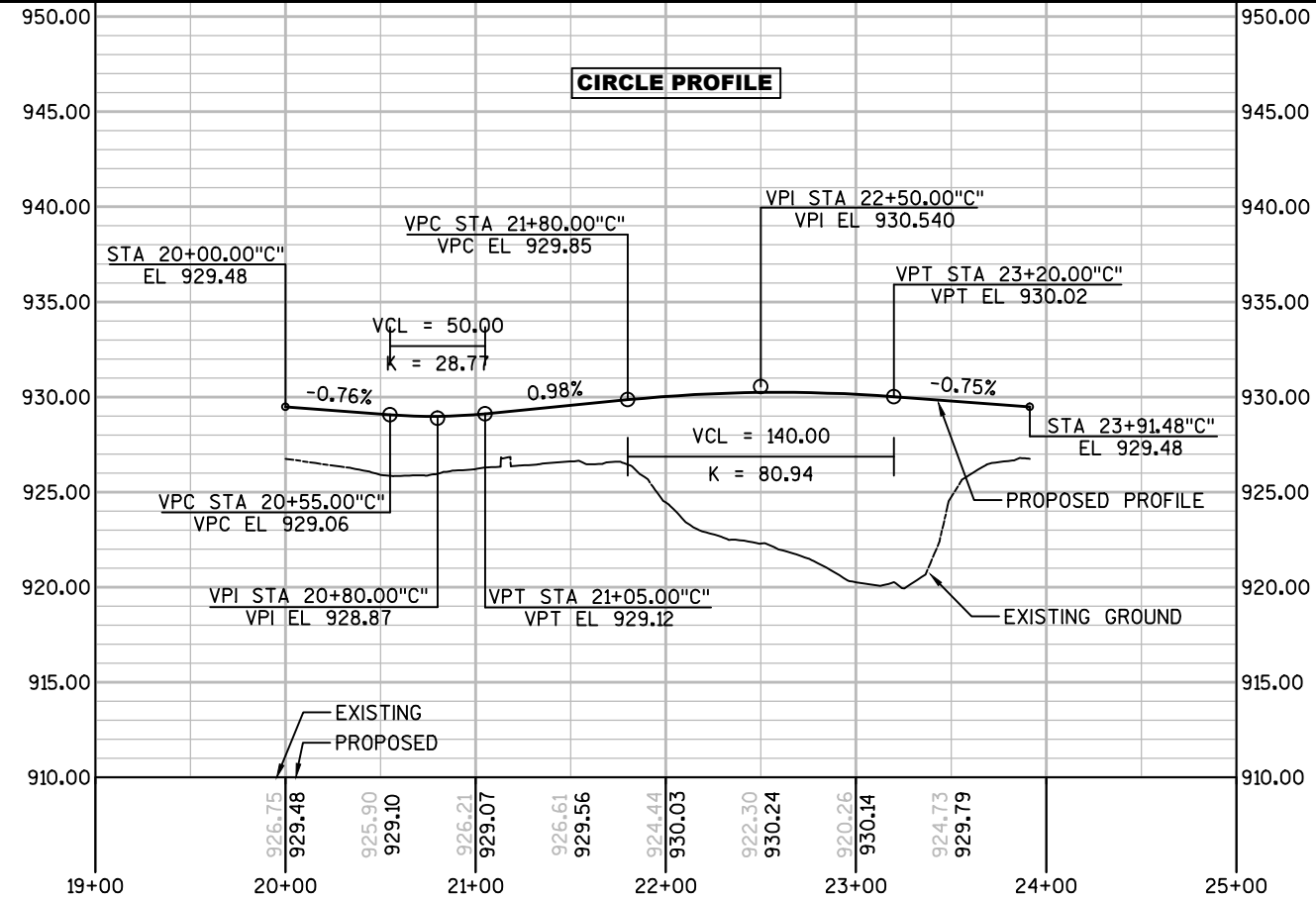
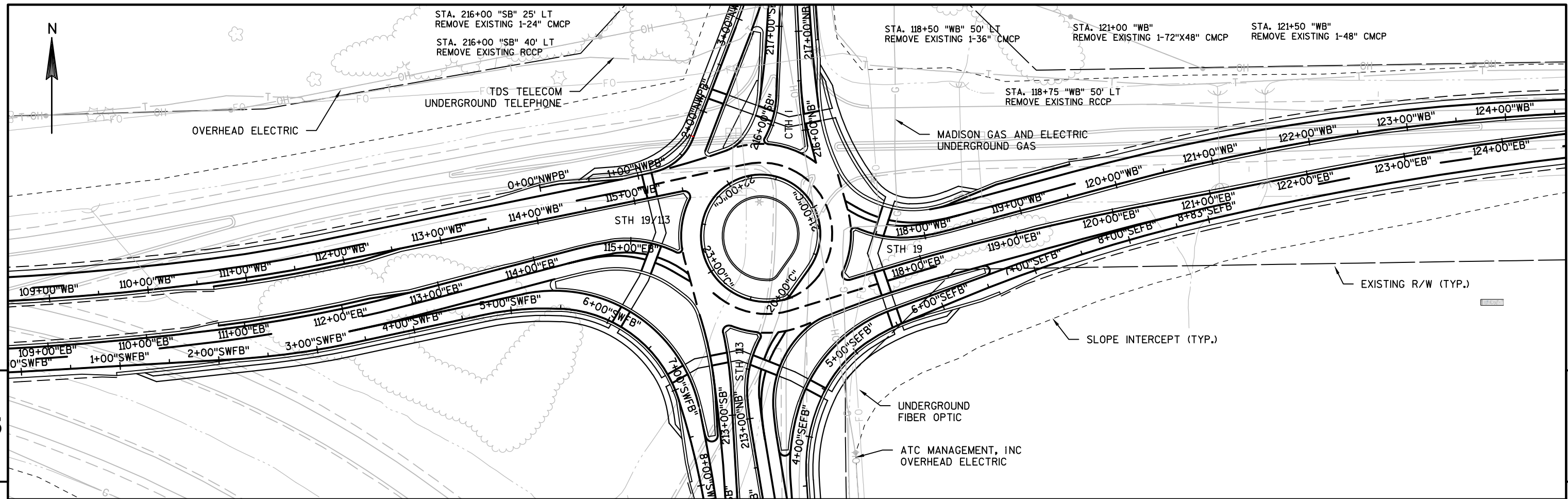


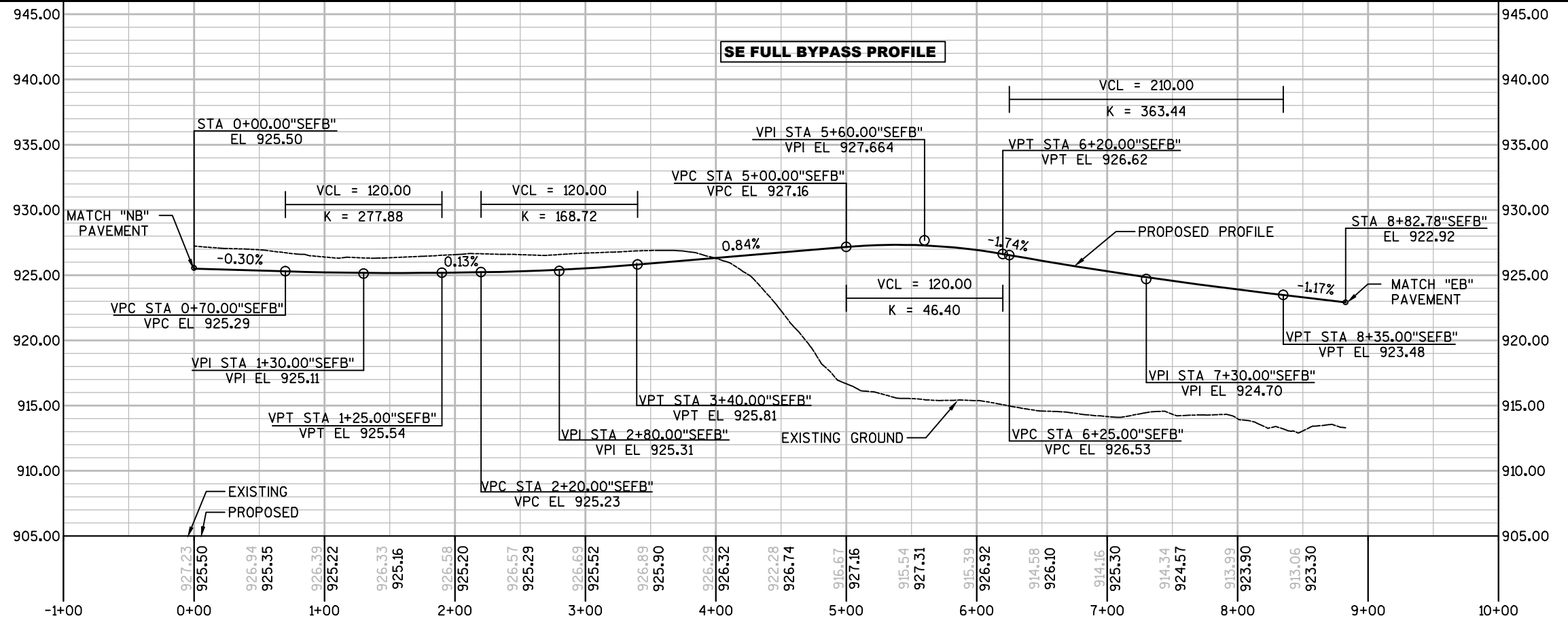
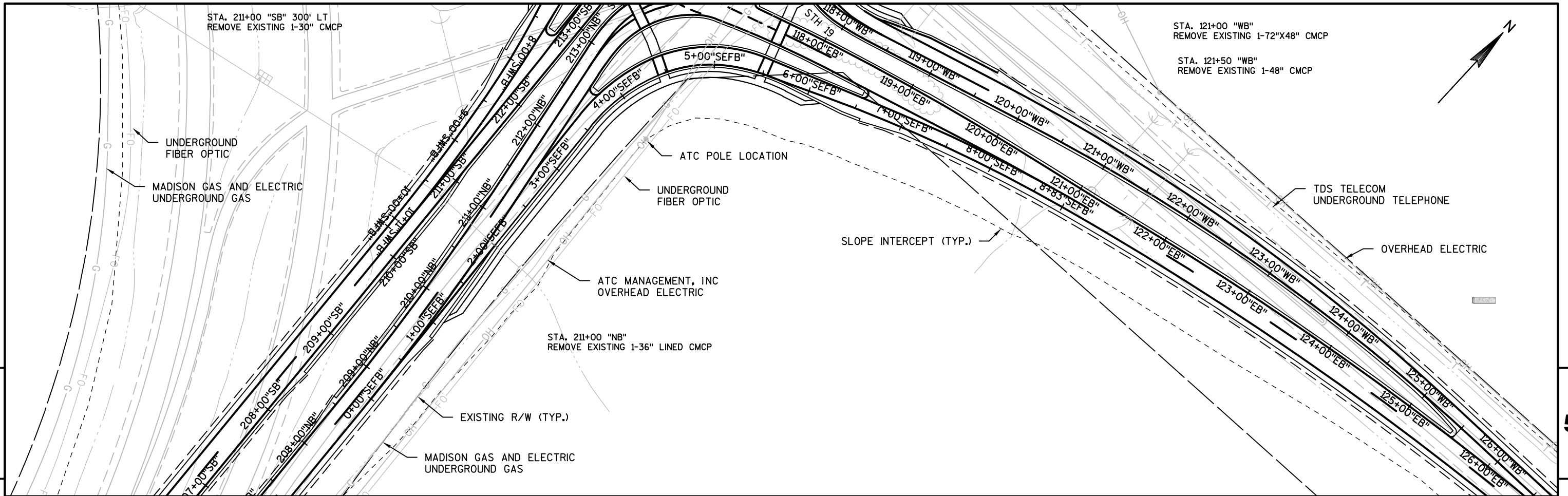


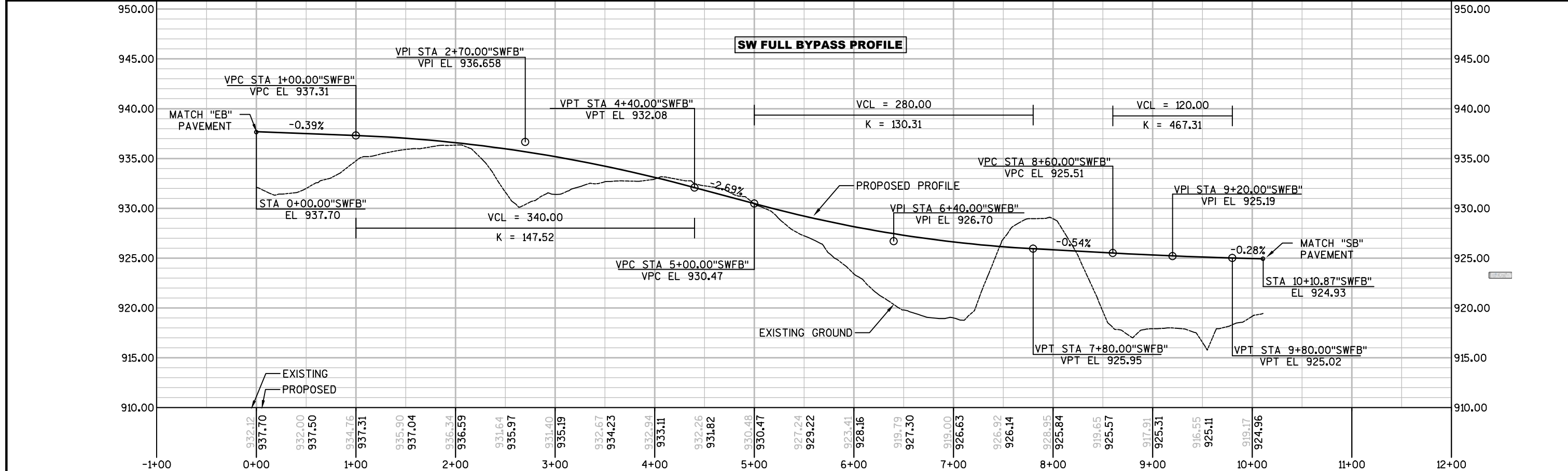
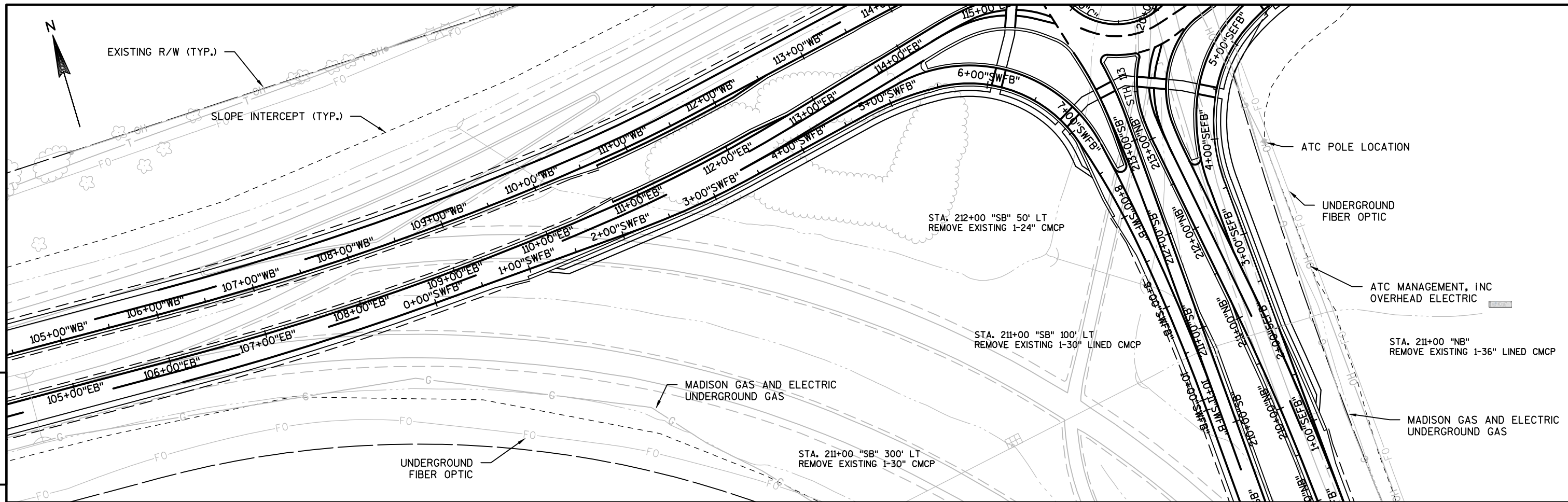


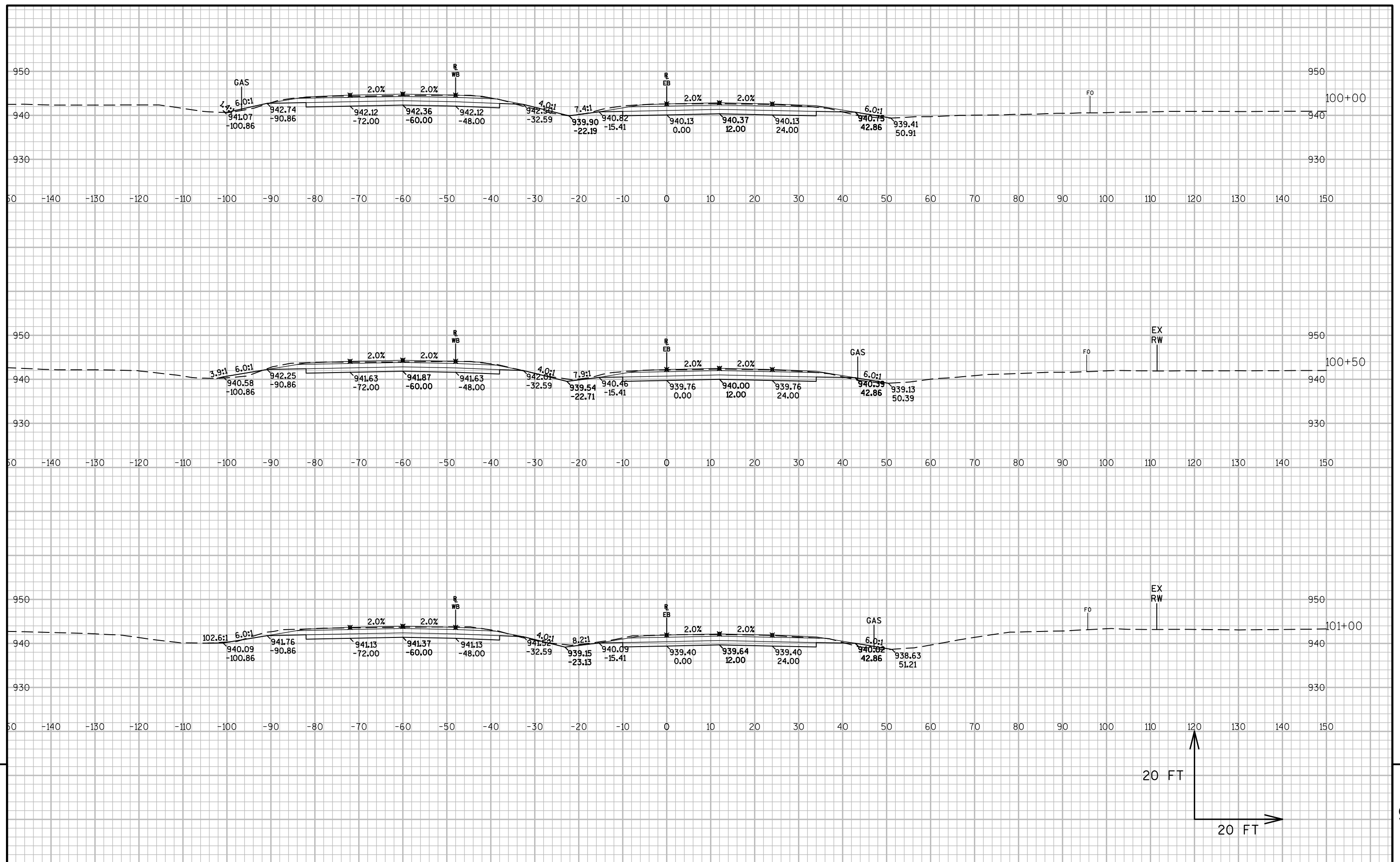
PROJECT NO:5290-02-70	HWY:STH 19	COUNTY:DANE	PLAN AND PROFILE: STH 113 NB & SB	SHEET	5
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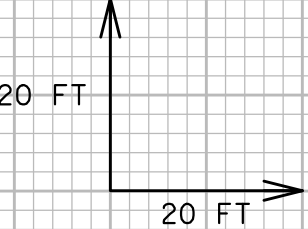
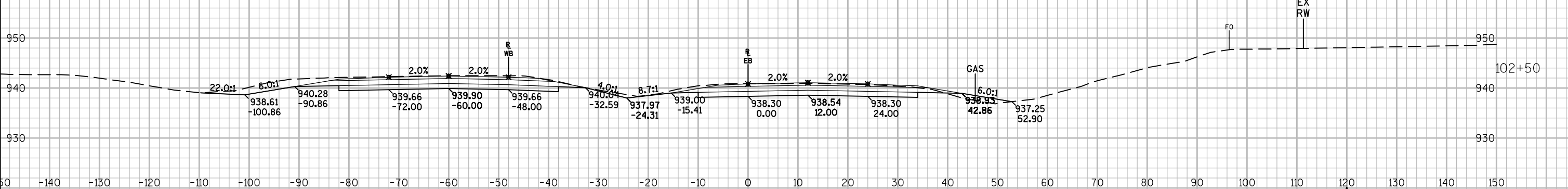
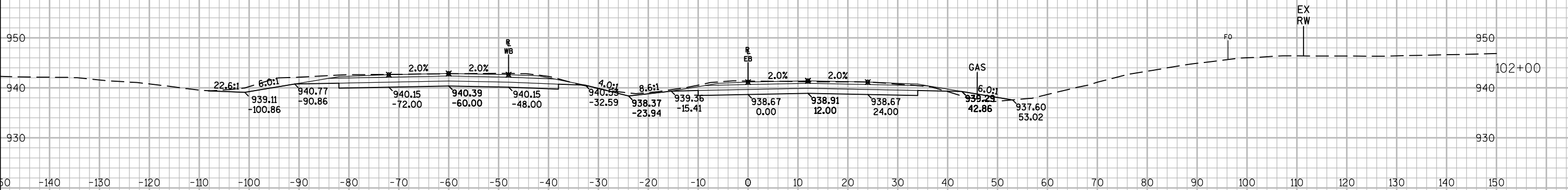
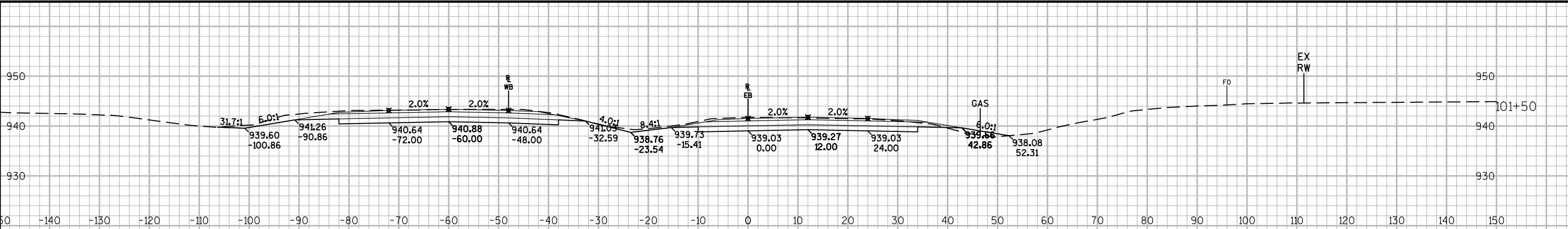






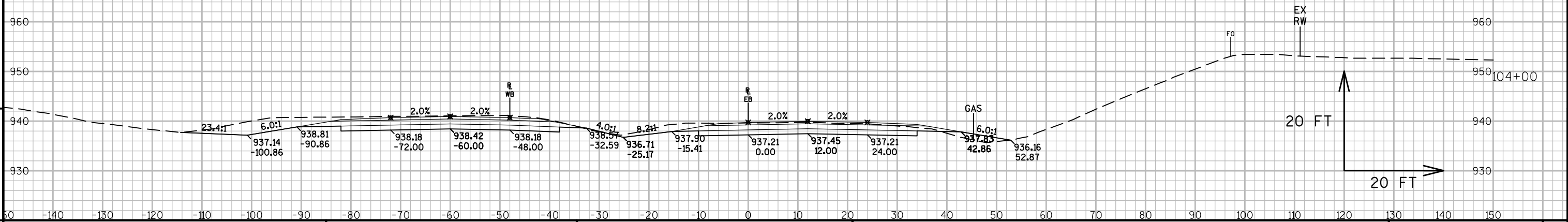
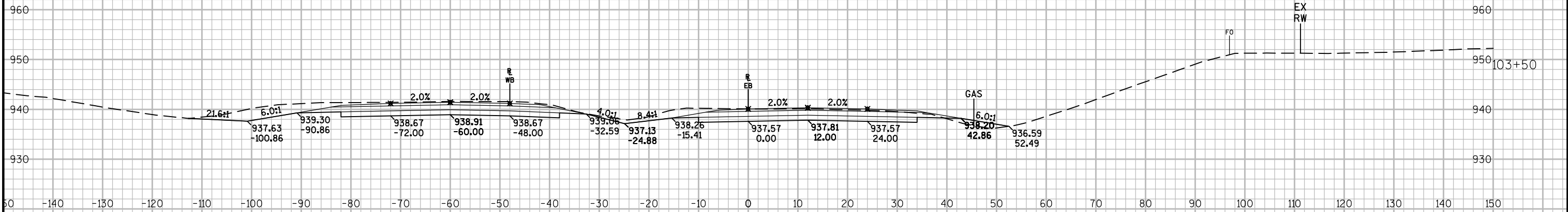
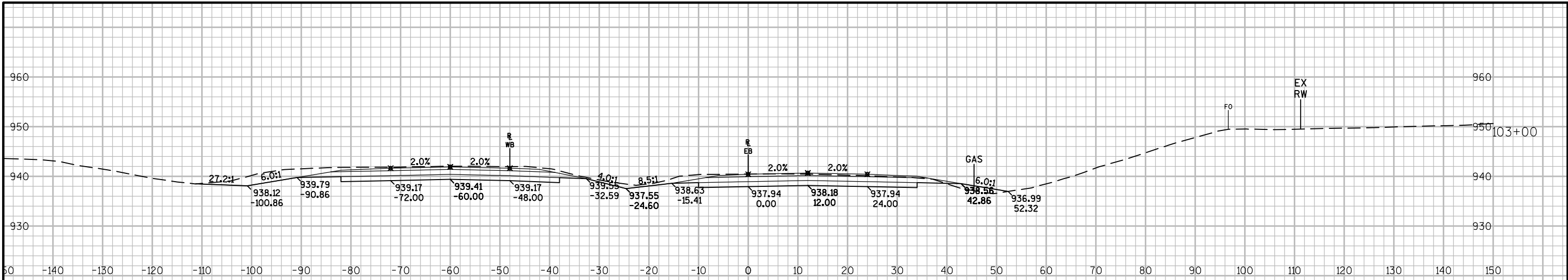


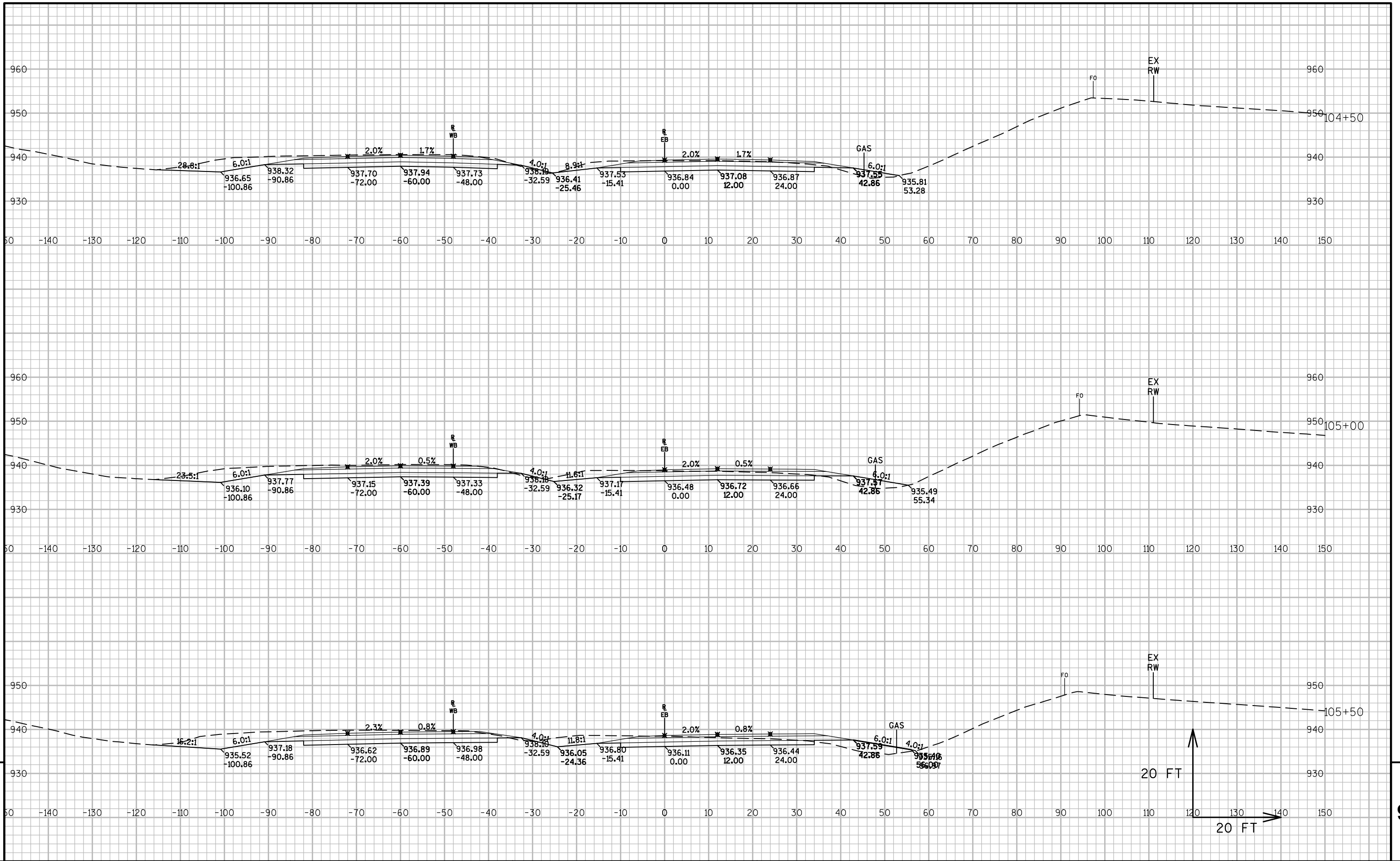


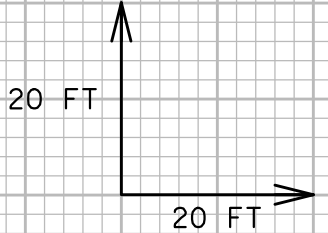
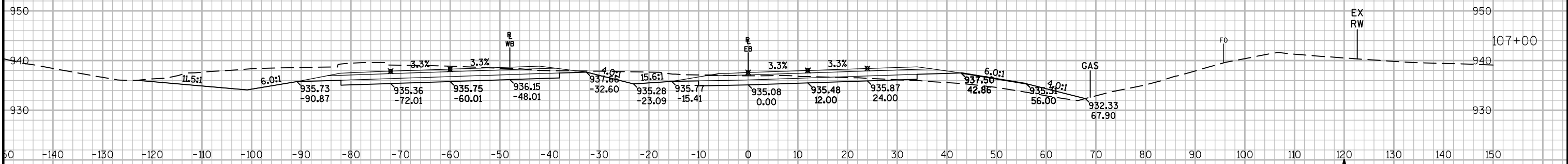
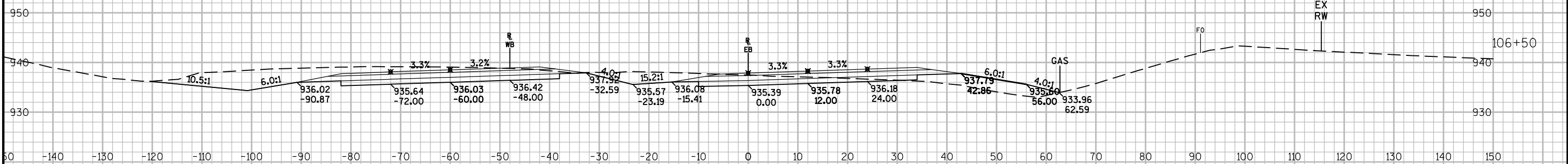
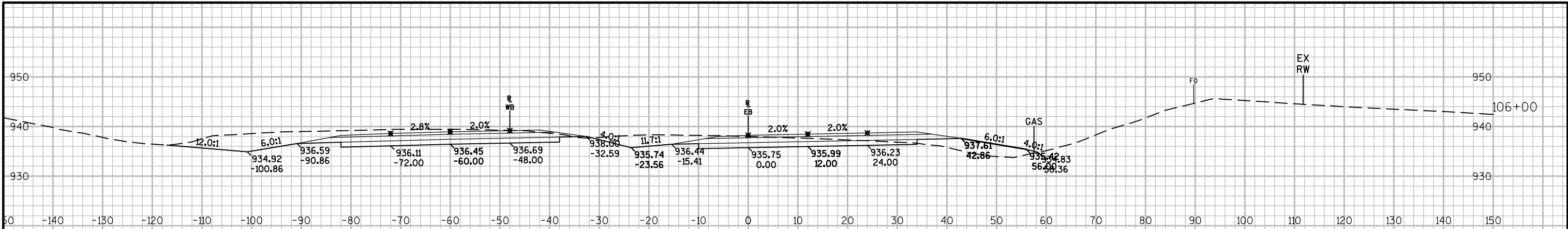


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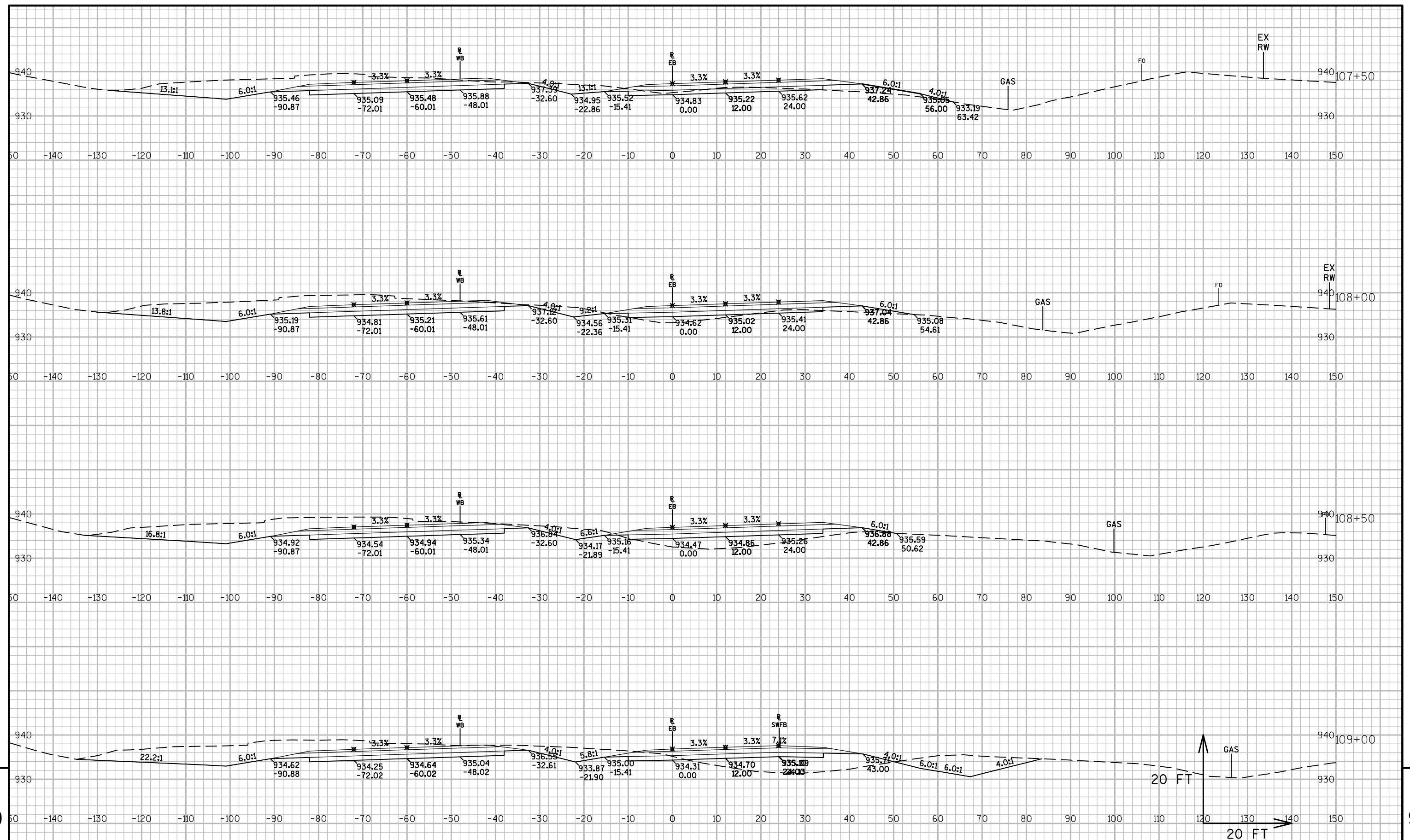




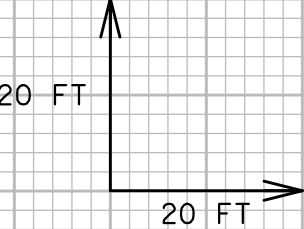
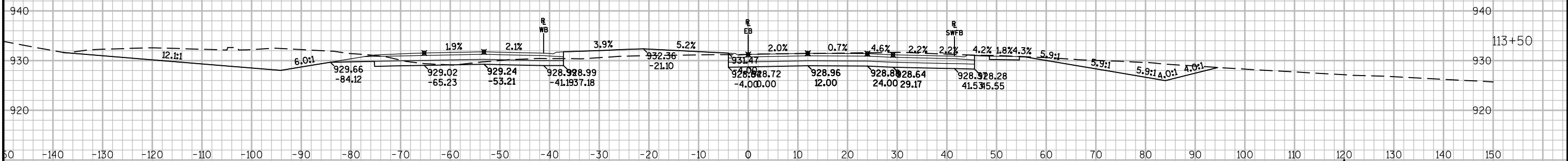
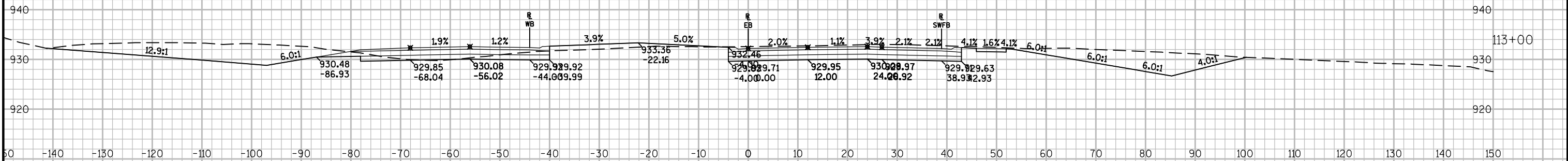
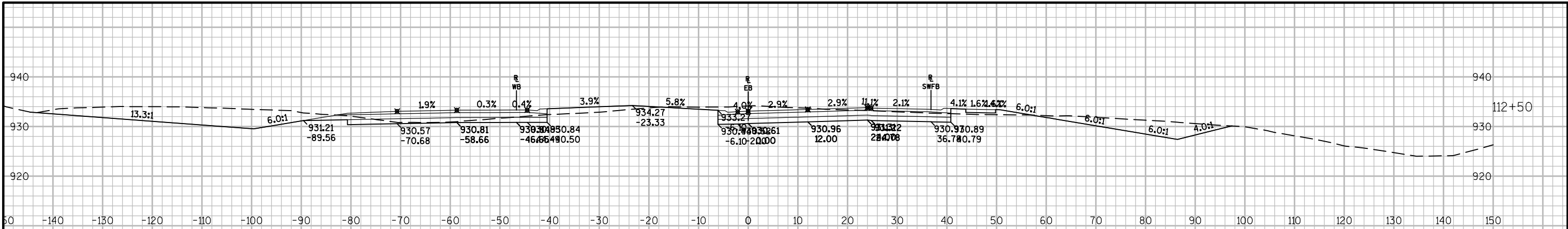


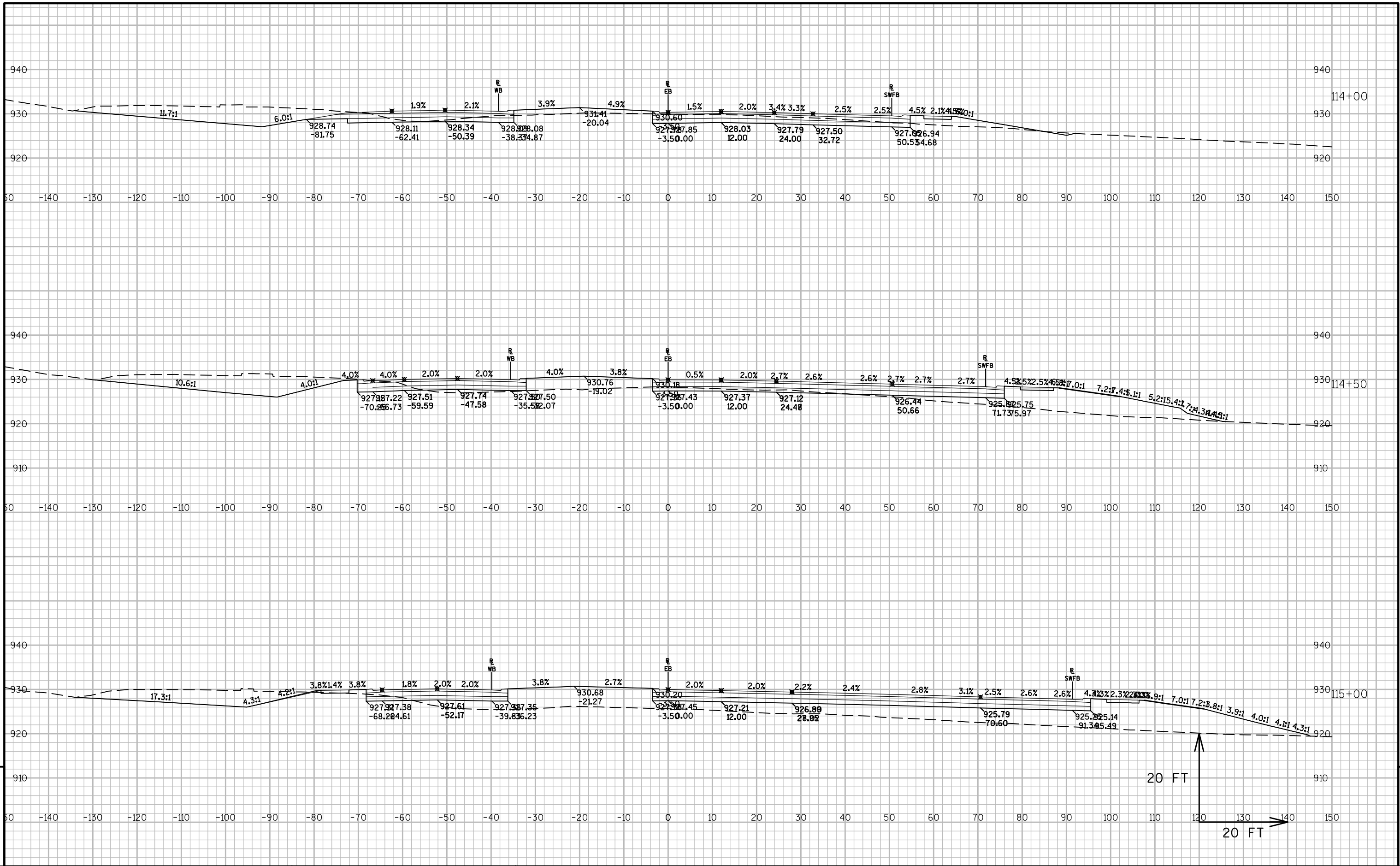
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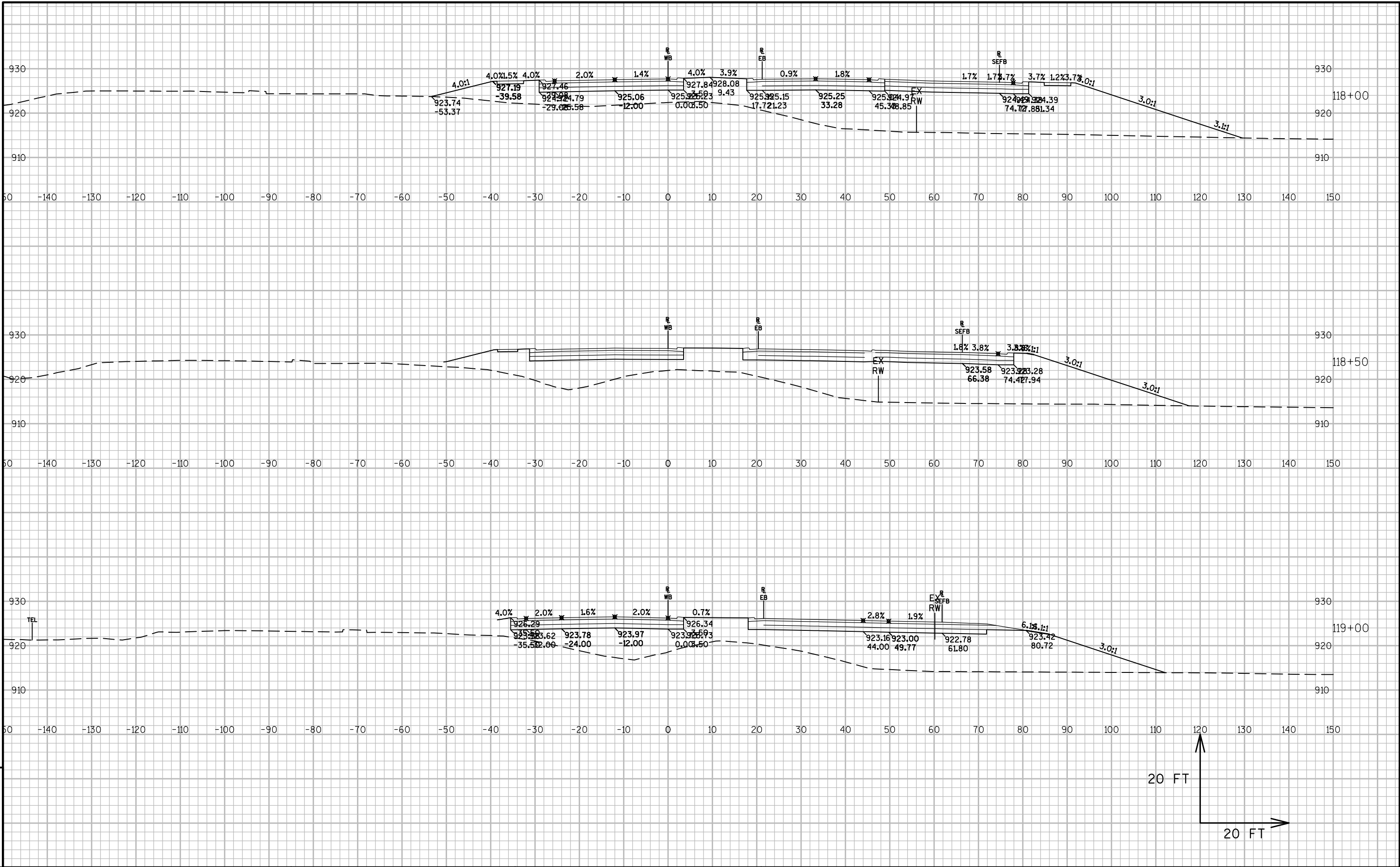
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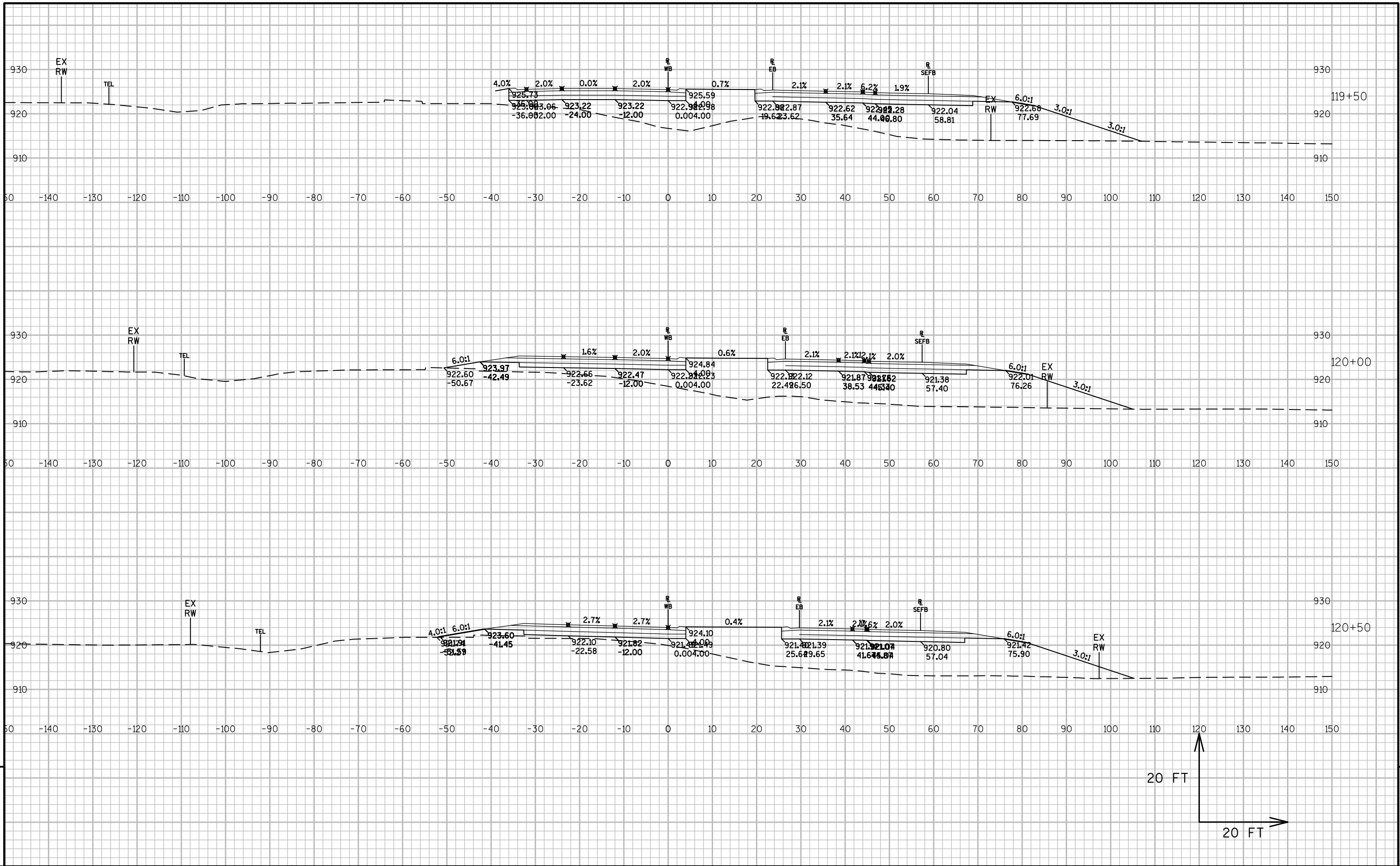


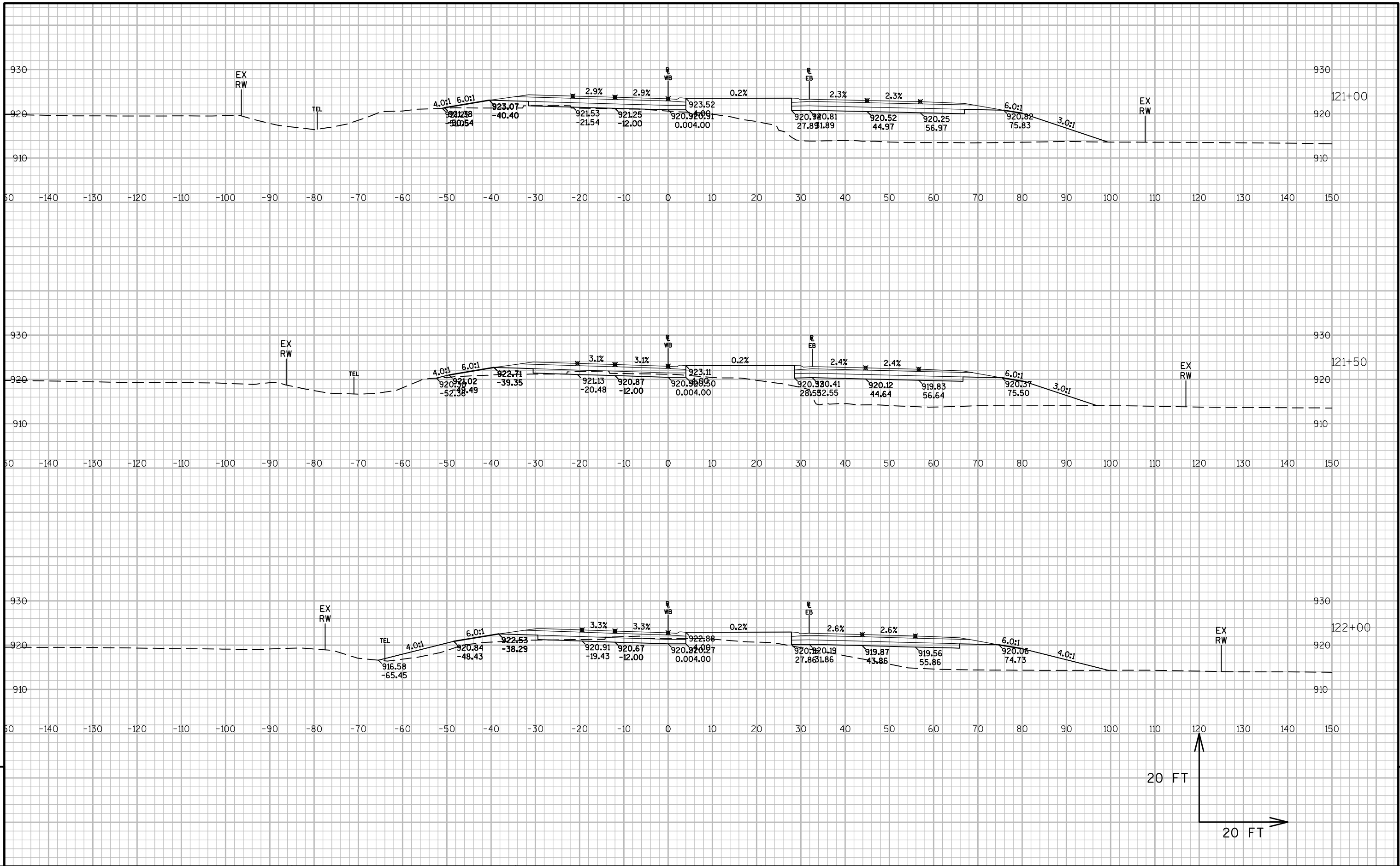
WISDOT/CADDS SHEET 49

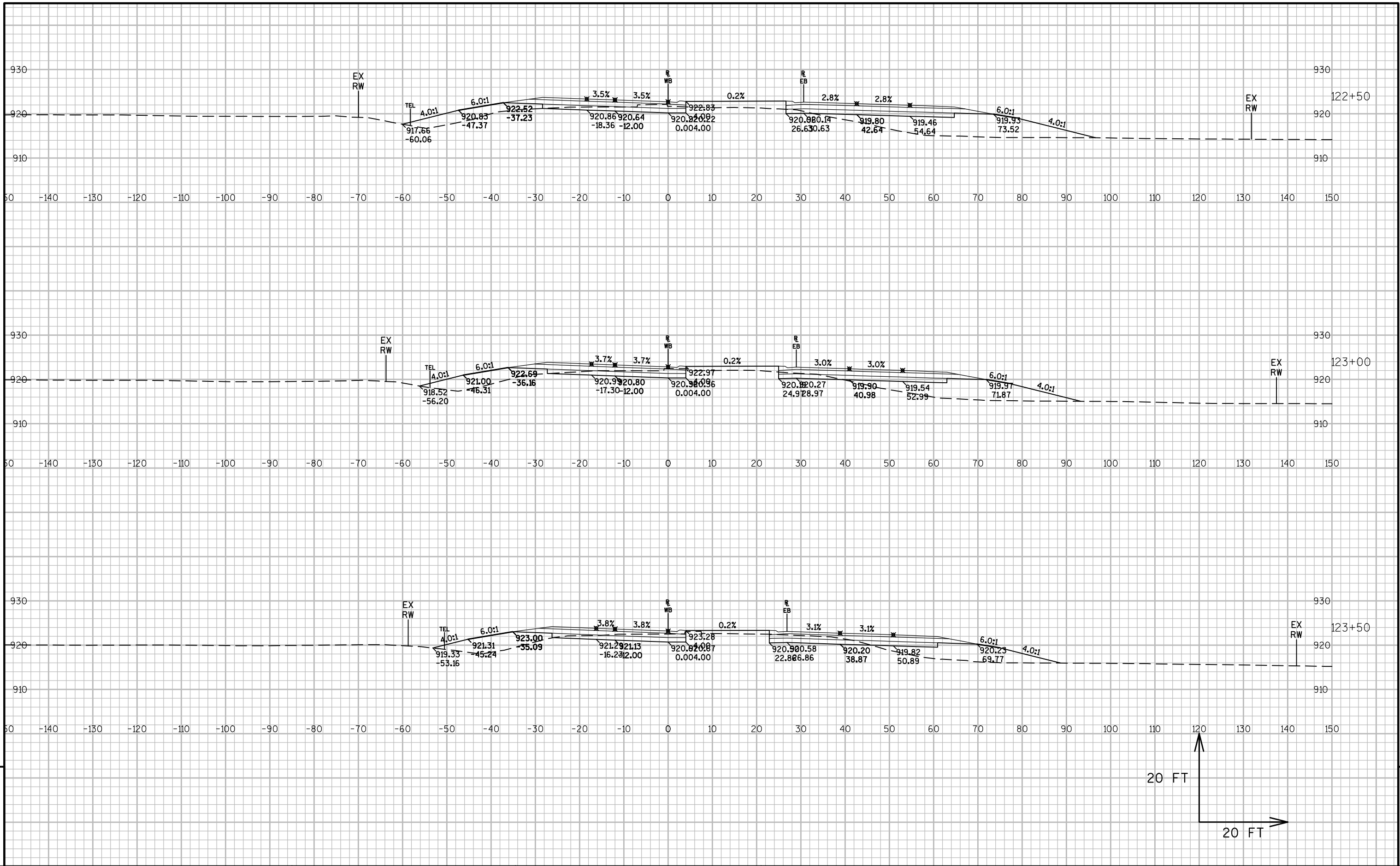


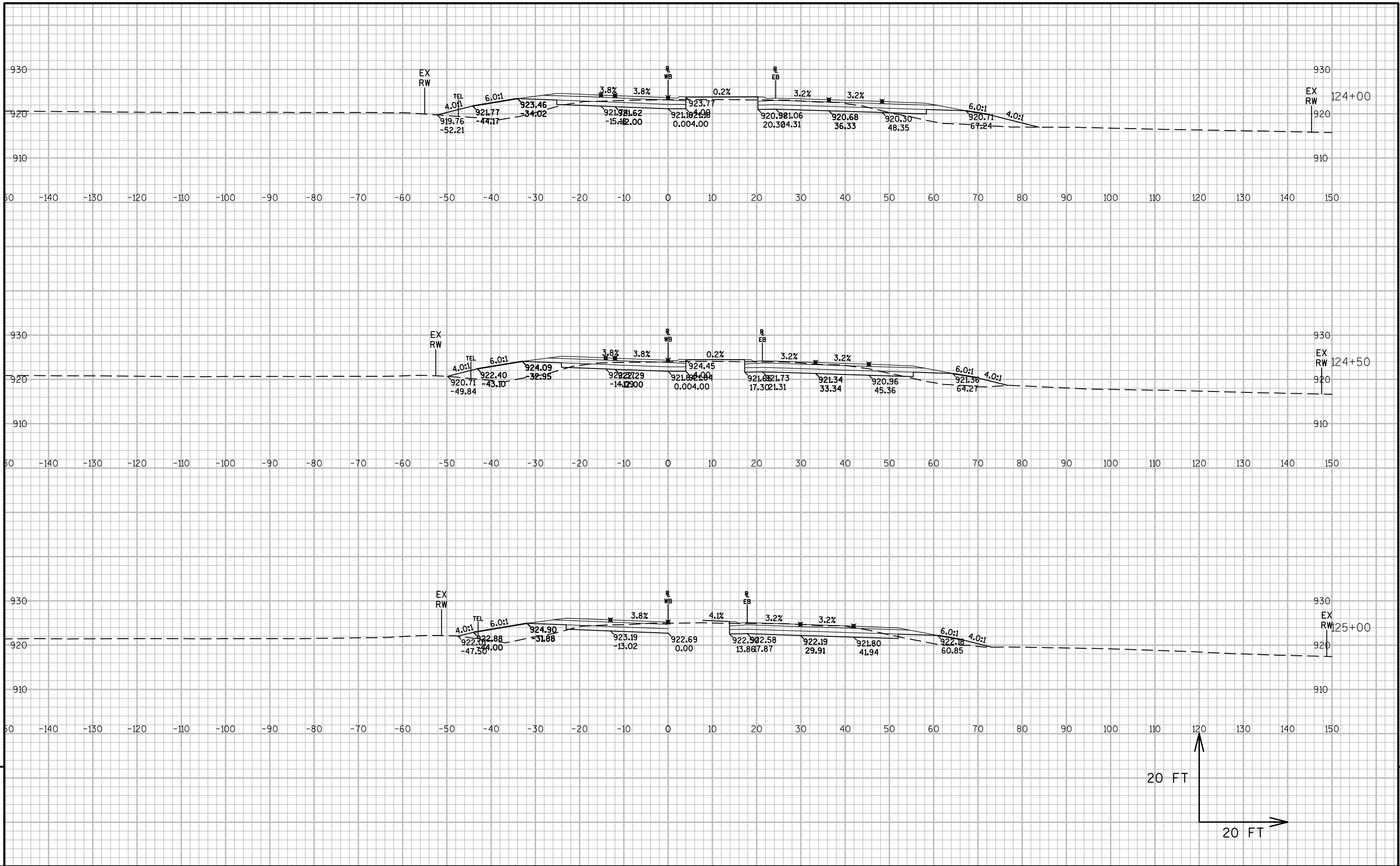


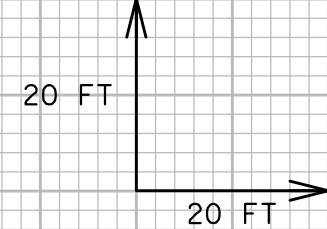
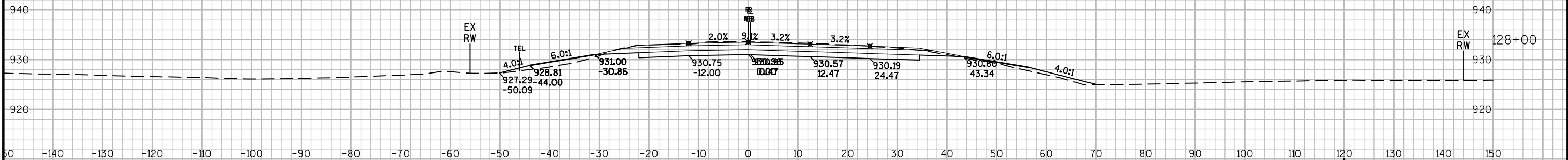
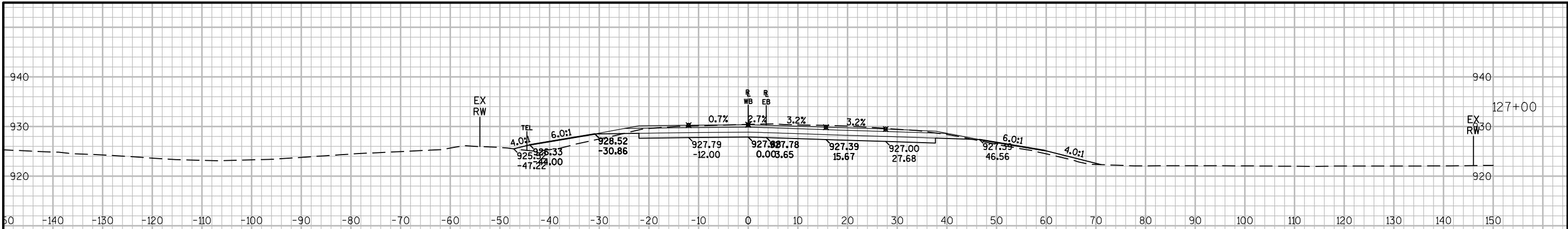


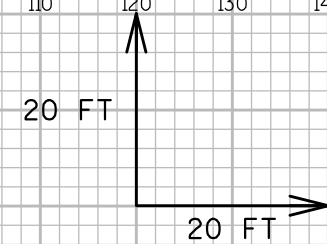
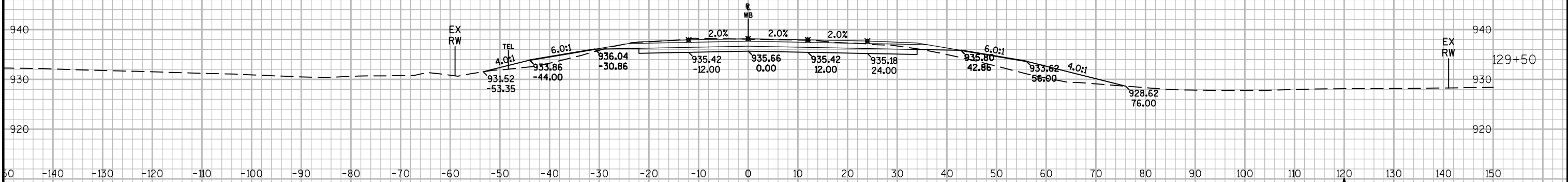
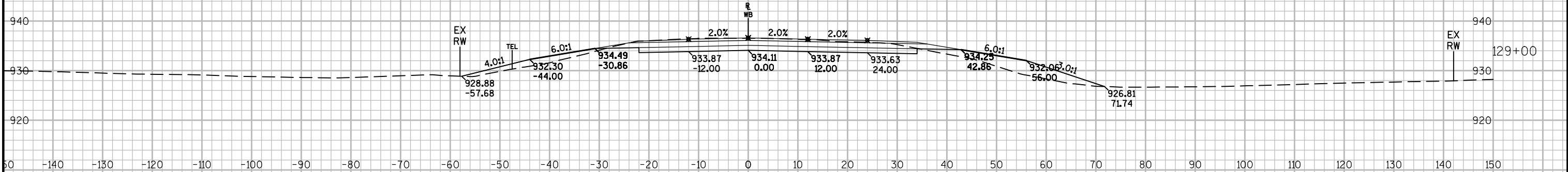
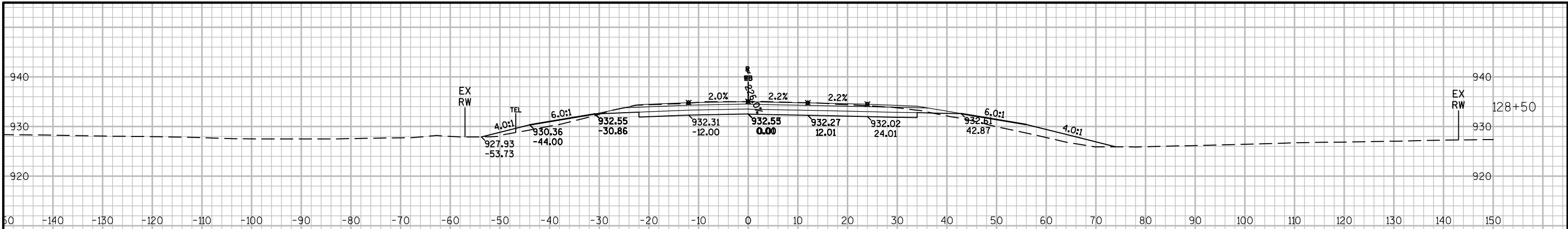


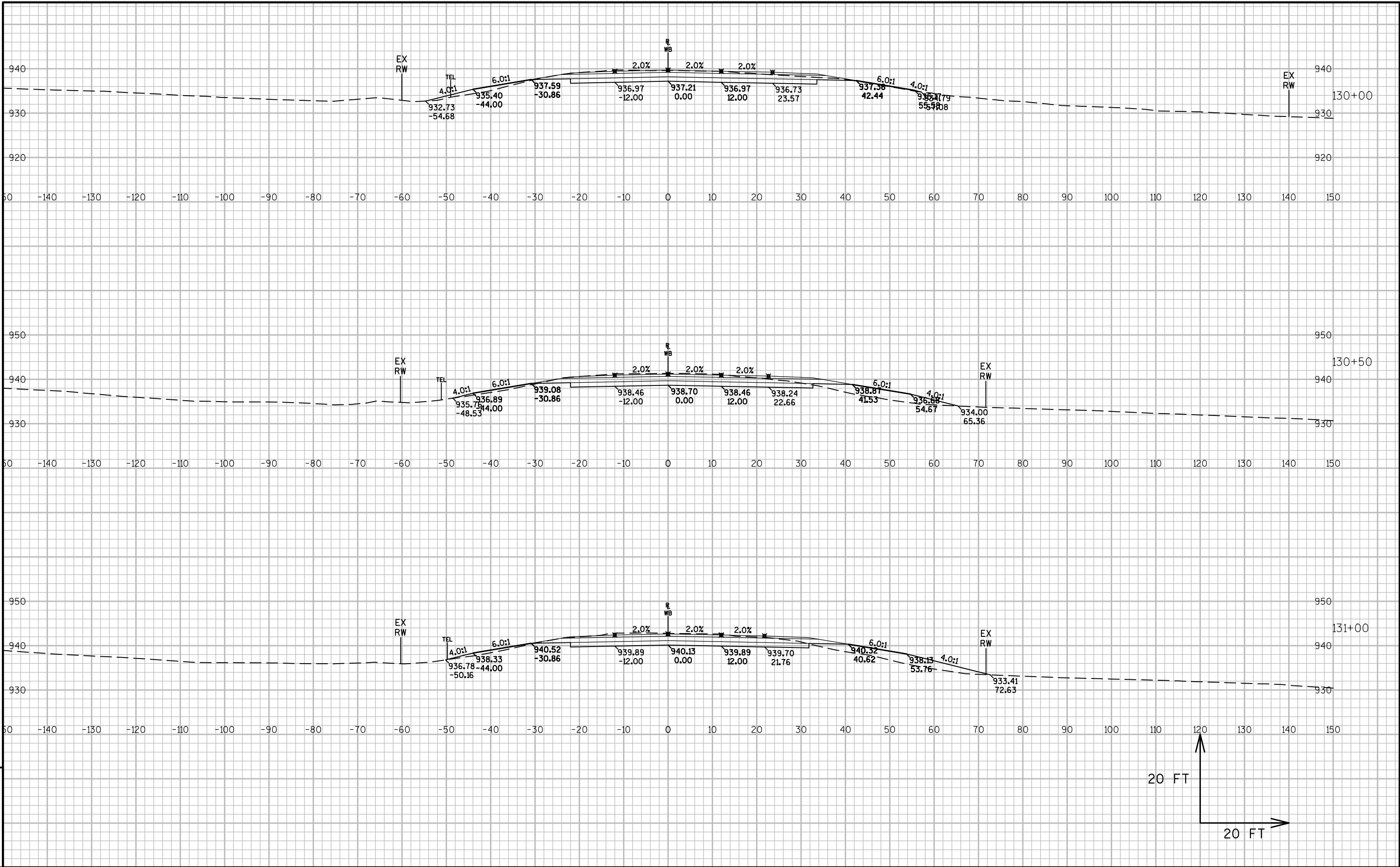


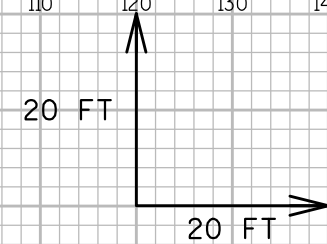
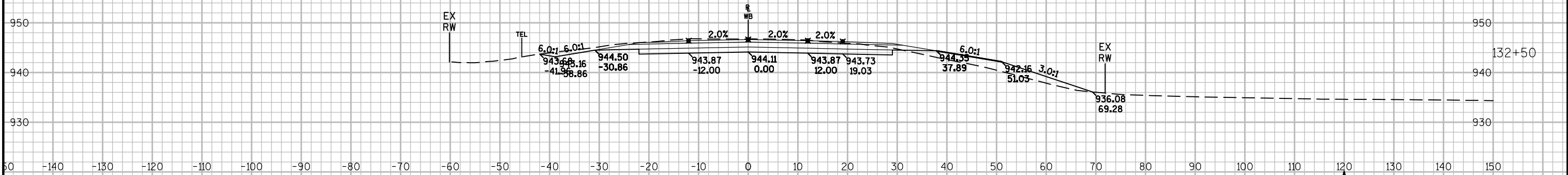
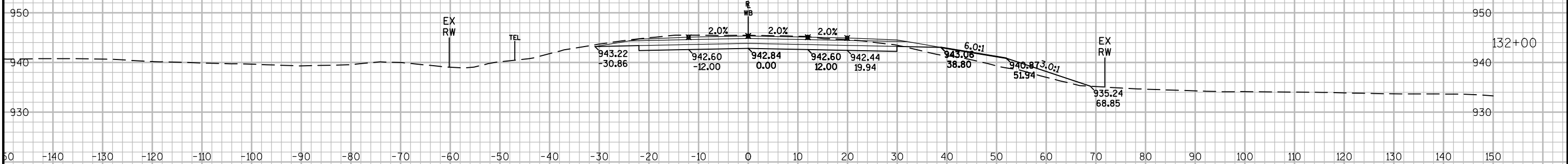
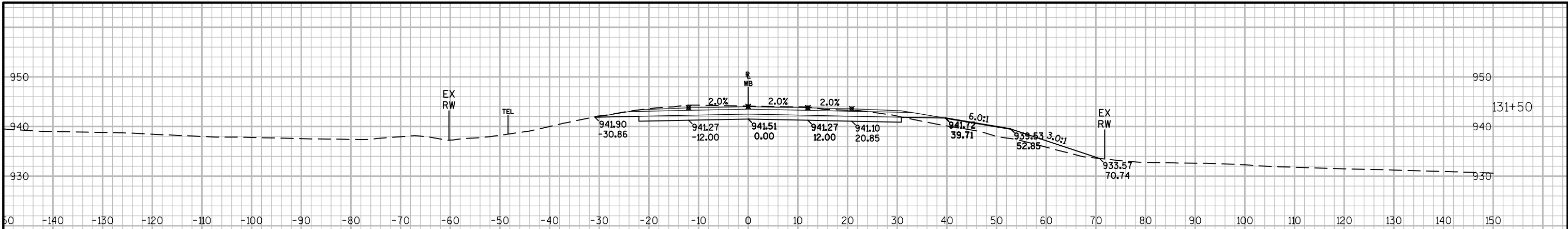


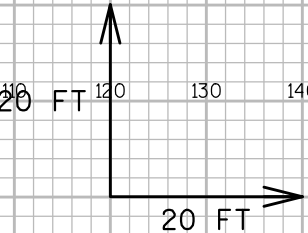
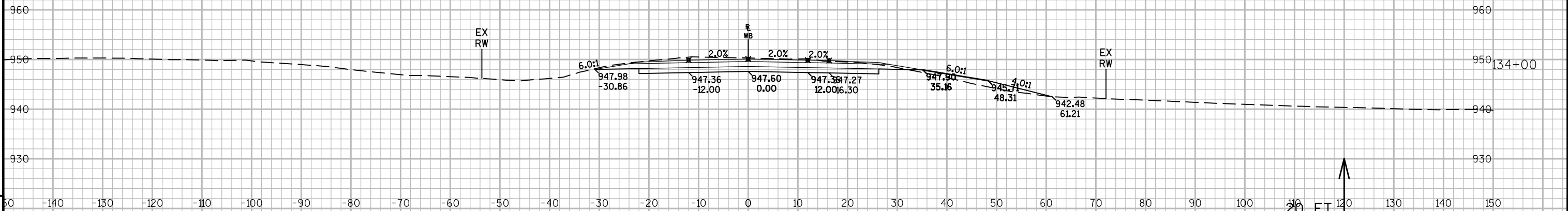
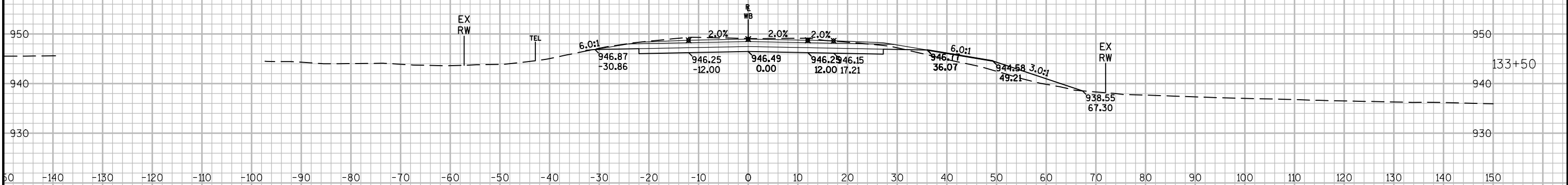
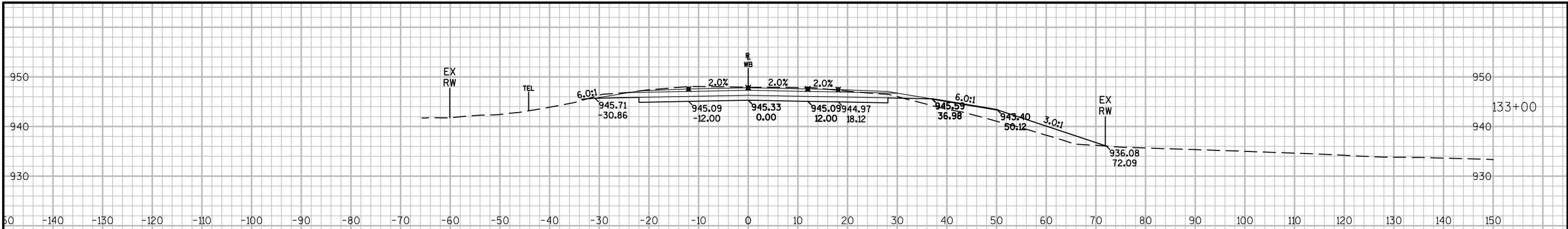


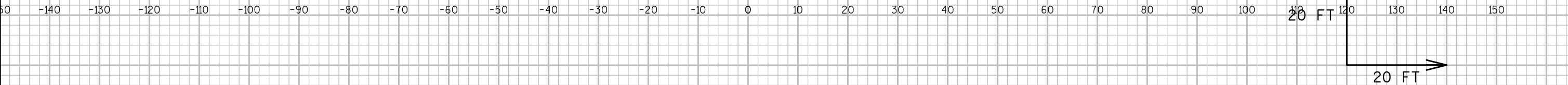
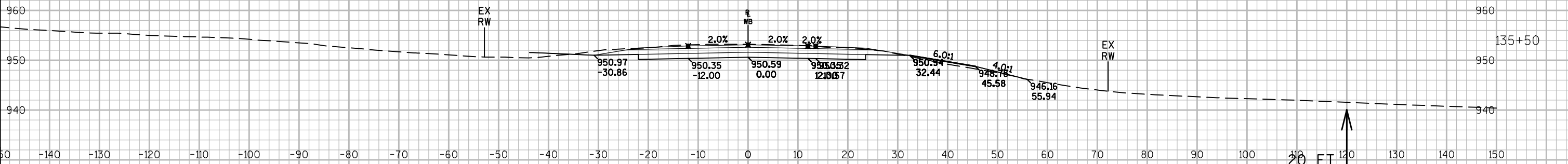
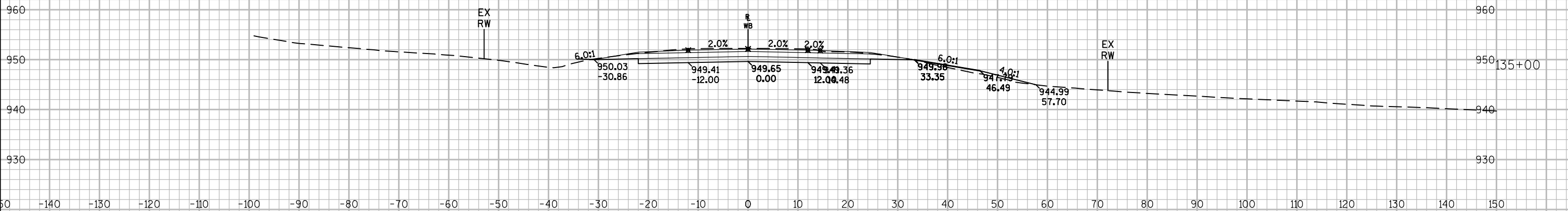
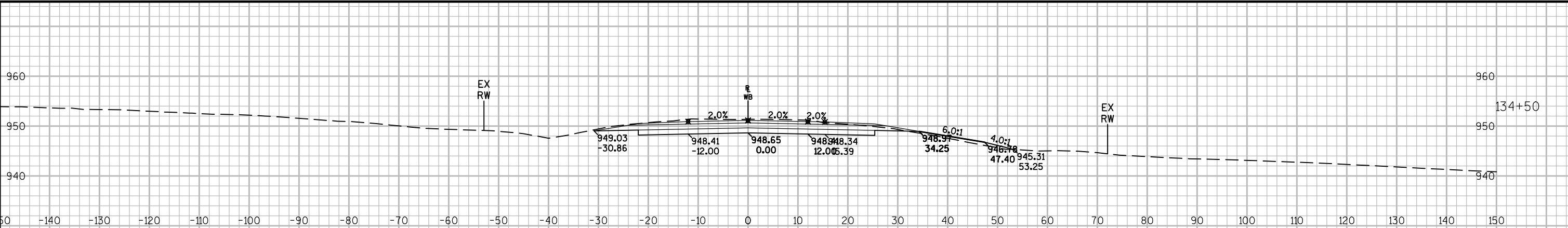


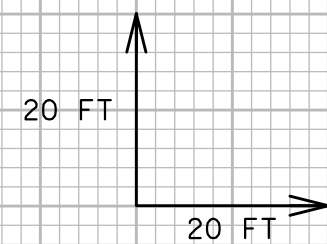
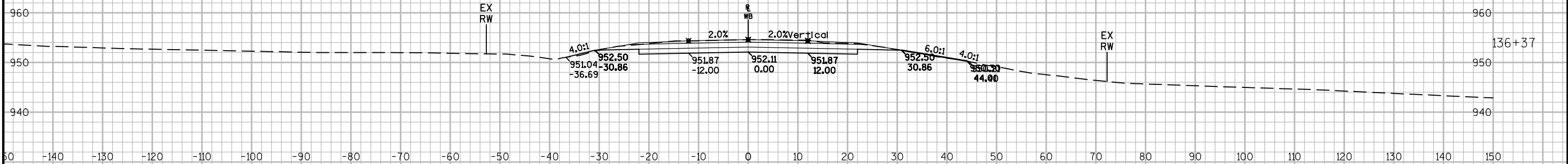
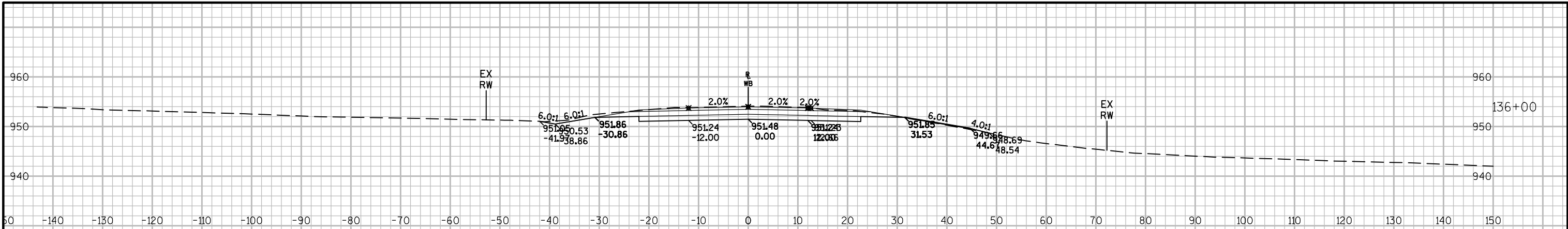






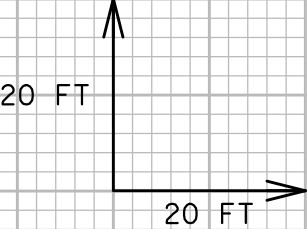
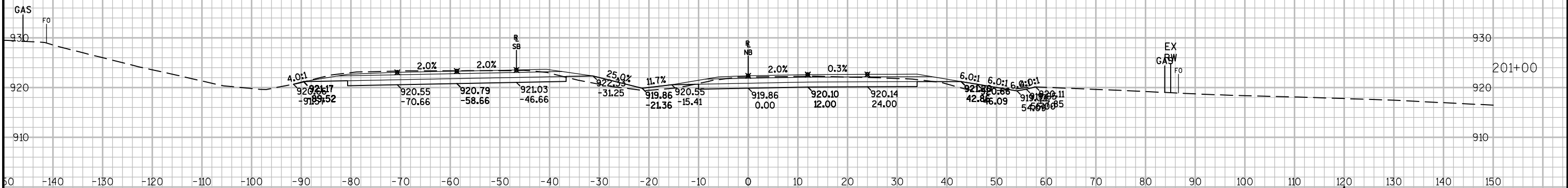
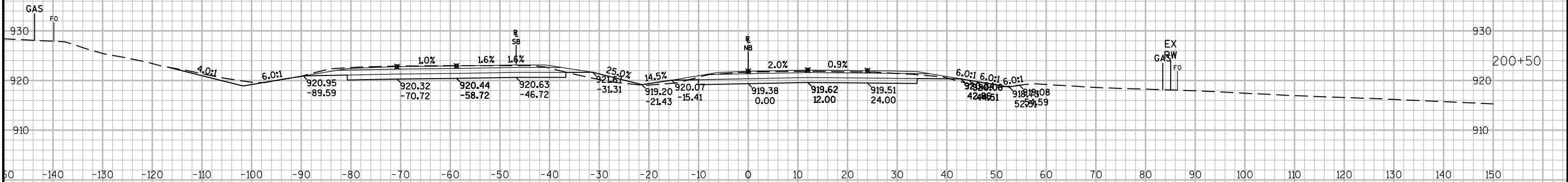
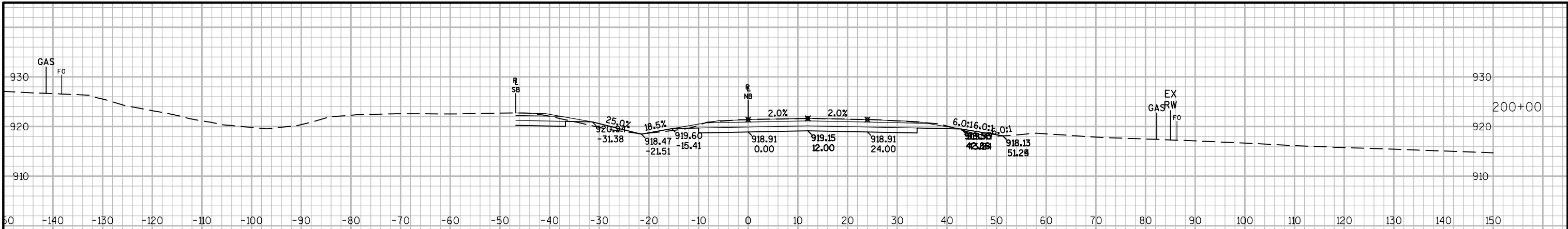






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PROJECT NO:5290-02-70

HWY:STH 19

COUNTY:DANE

CROSS SECTIONS: STH 113 SOUTH LEG

SHEET

E

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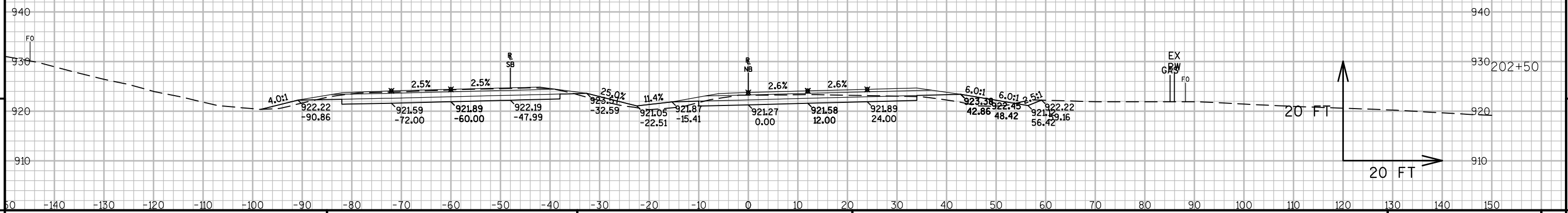
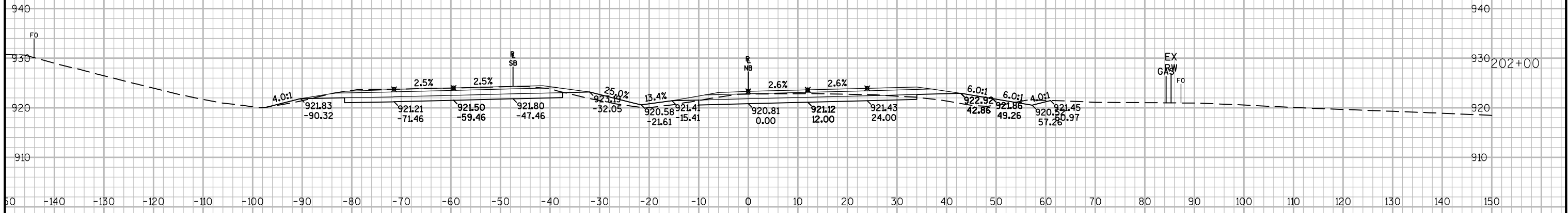
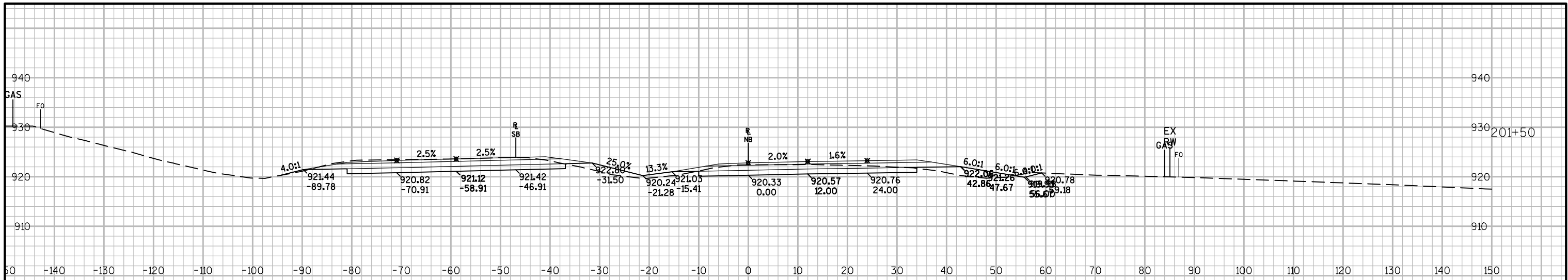
PLOT DATE : 3/20/2015 9:11 AM

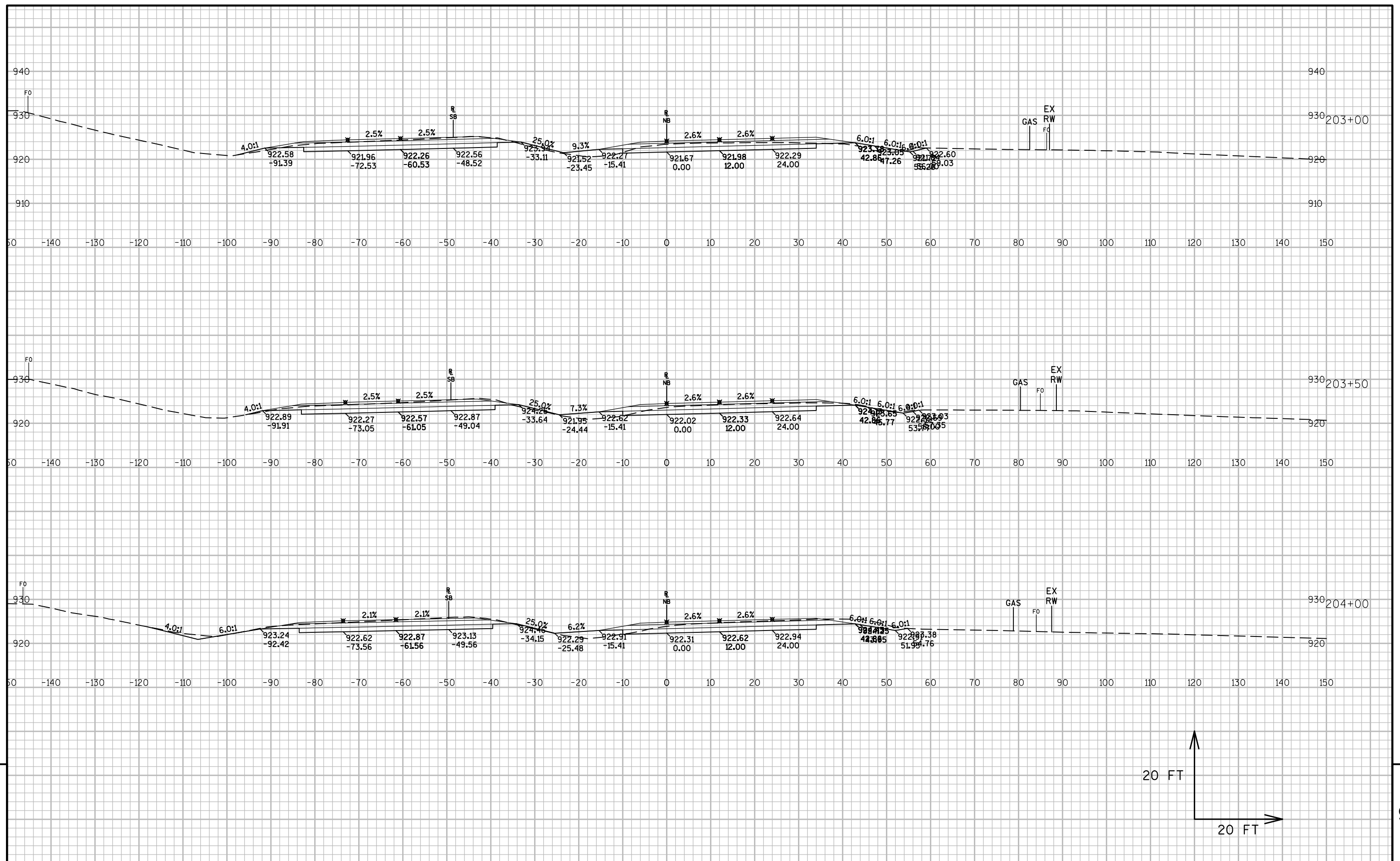
PLOT BY : PAYNE, GREGORY A

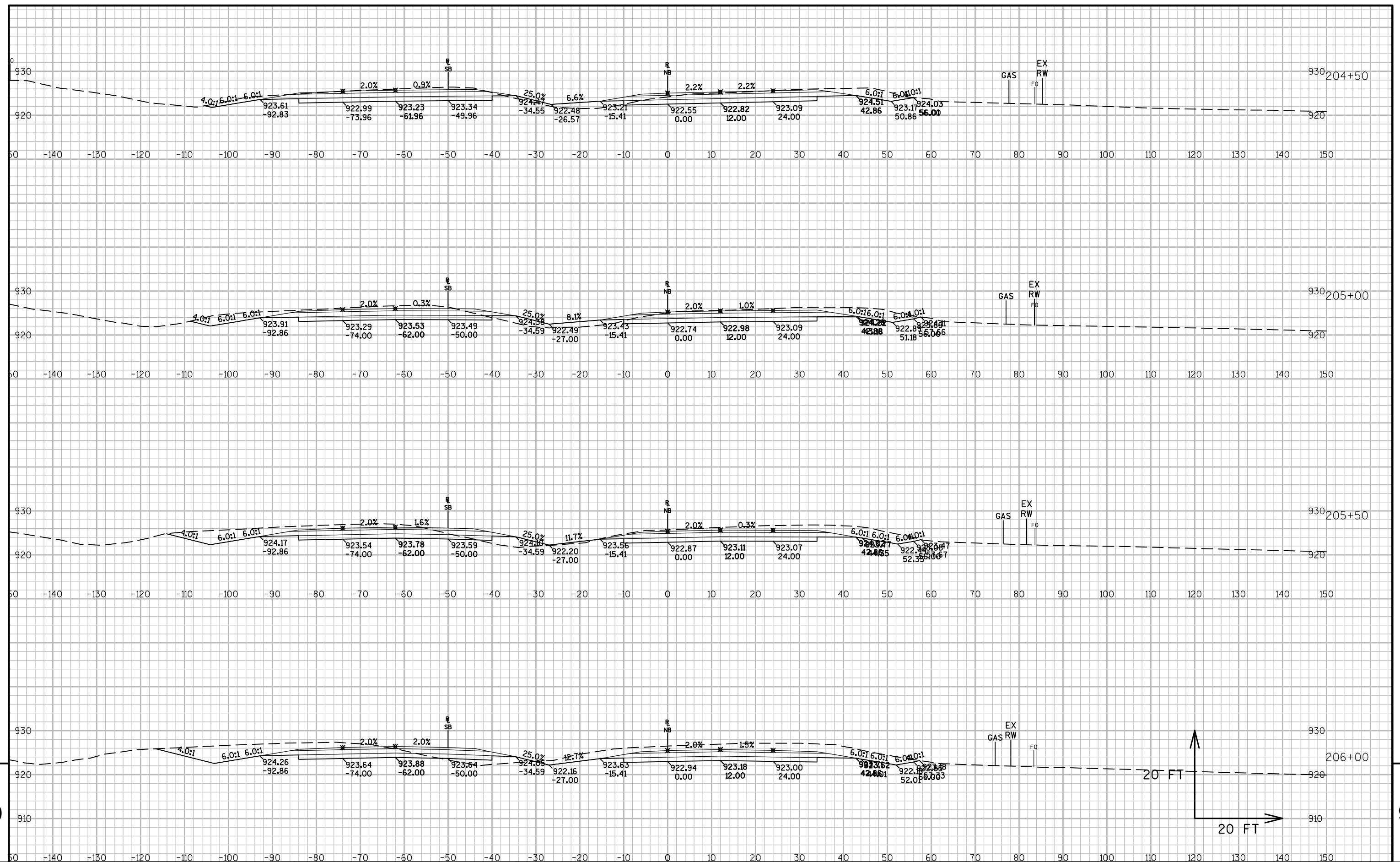
PLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDs SHEET 49







PROJECT NO:5290-02-70

HWY:STH 19

COUNTY: DANE

CROSS SECTIONS: STH 113 SOUTH LEG

SHEET

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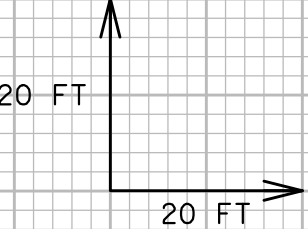
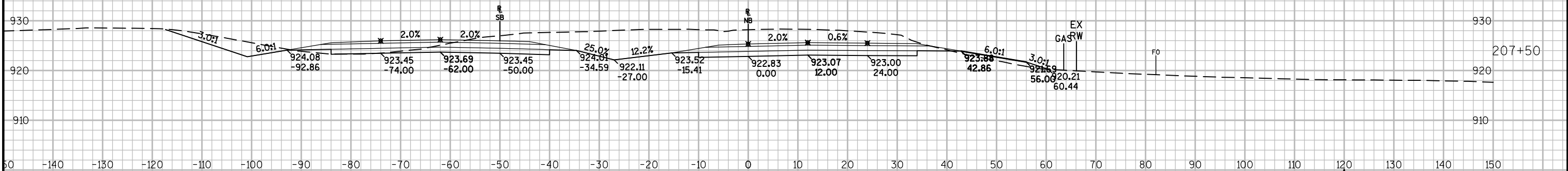
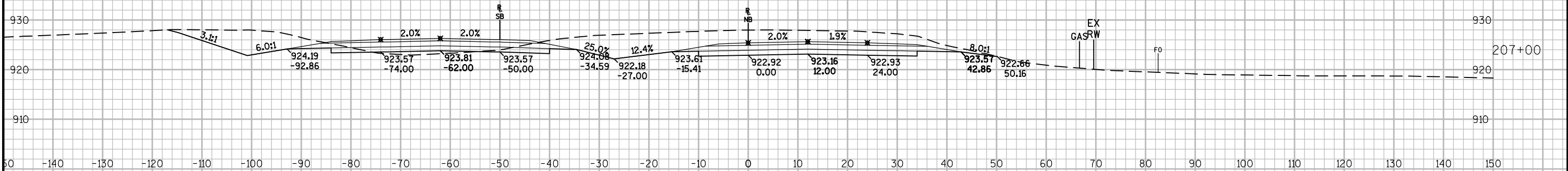
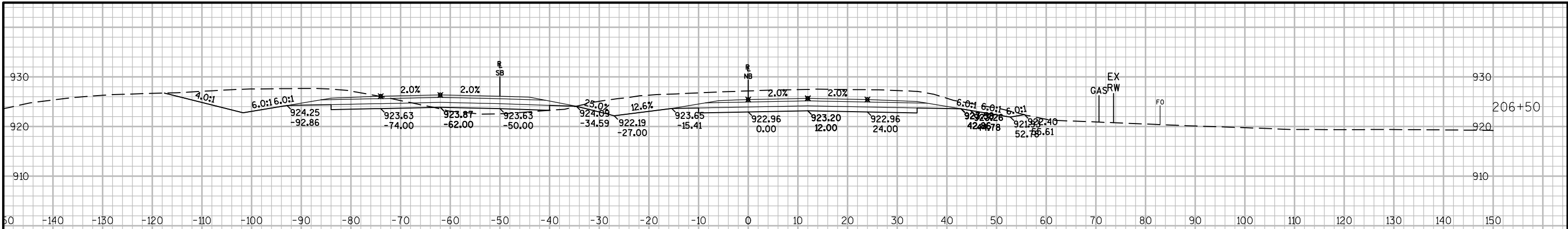
PLOT DATE : 3/20/2015 9:12 AM

PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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PROJECT NO:5290-02-70

HWY:STH 19

COUNTY:DANE

CROSS SECTIONS: STH 113 SOUTH LEG

SHEET

E

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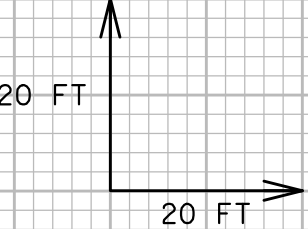
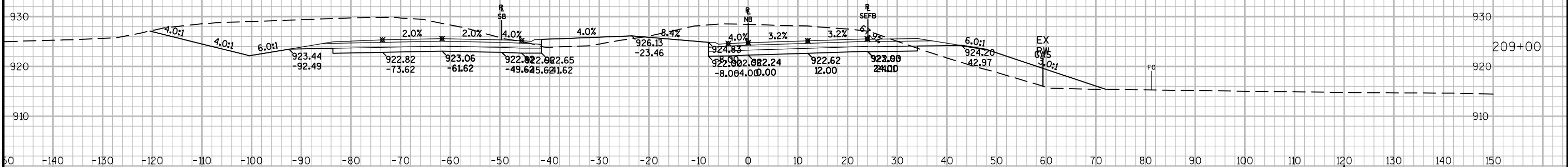
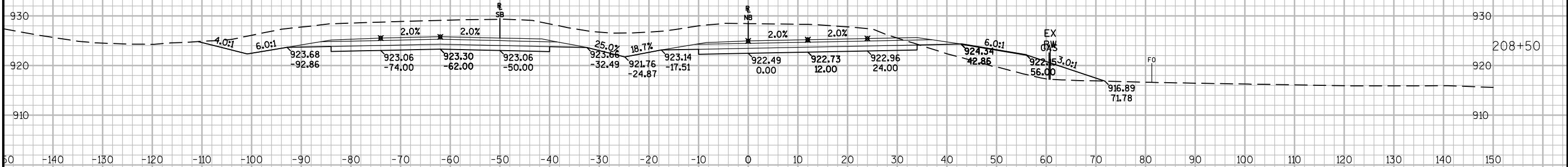
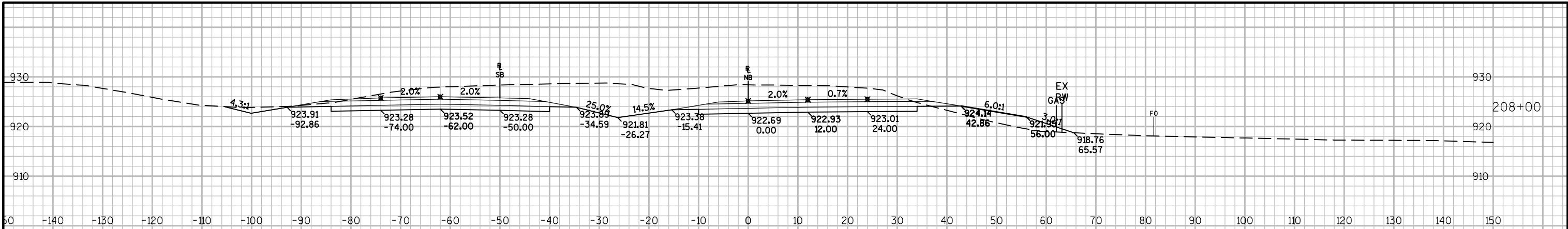
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PLOT BY : PAYNE, GREGORY A

PLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDs SHEET 49



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PROJECT NO:5290-02-70

HWY:STH 19

COUNTY:DANE

CROSS SECTIONS: STH 113 SOUTH LEG

SHEET

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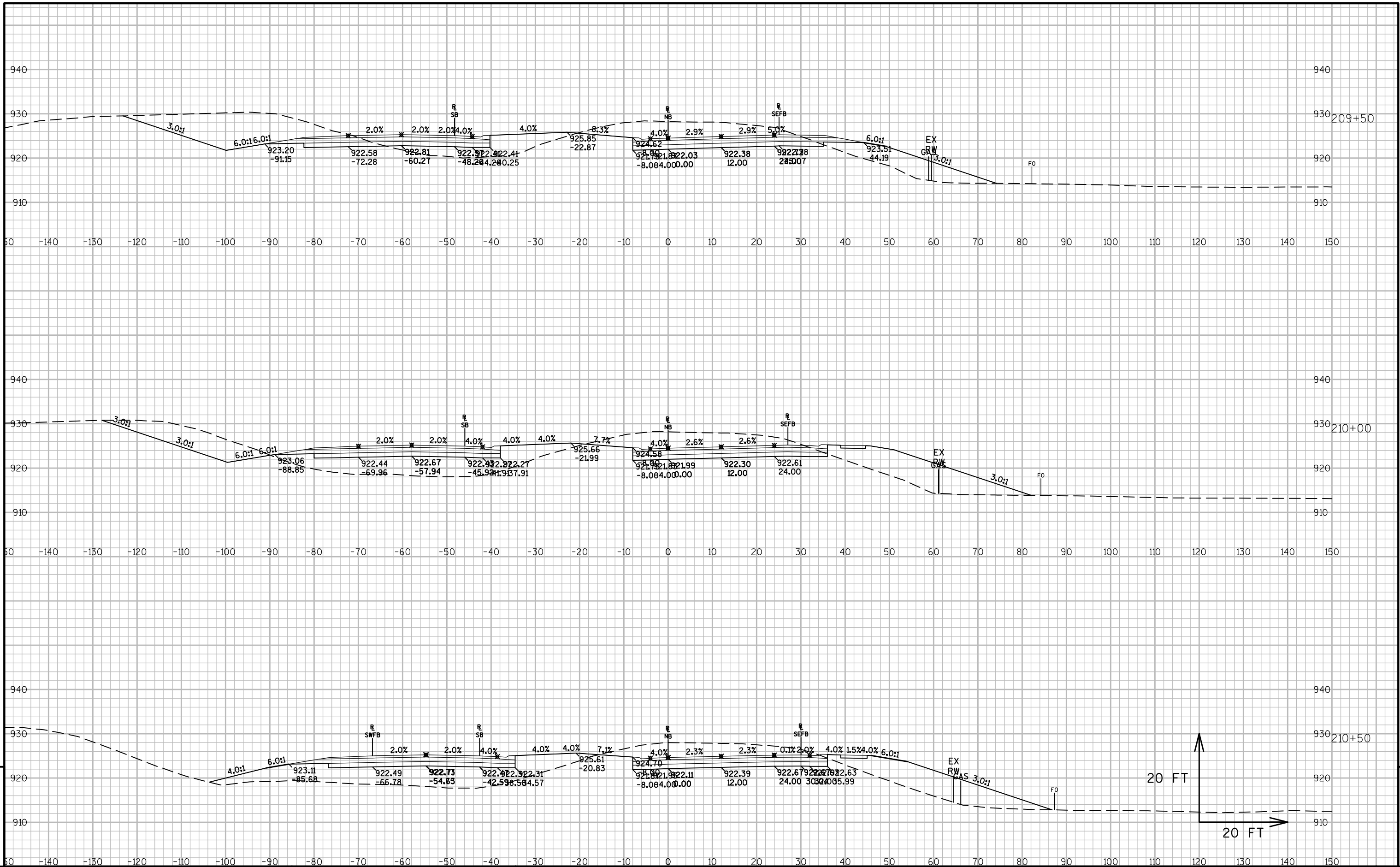
PLOT DATE : 3/20/2015 9:13 AM

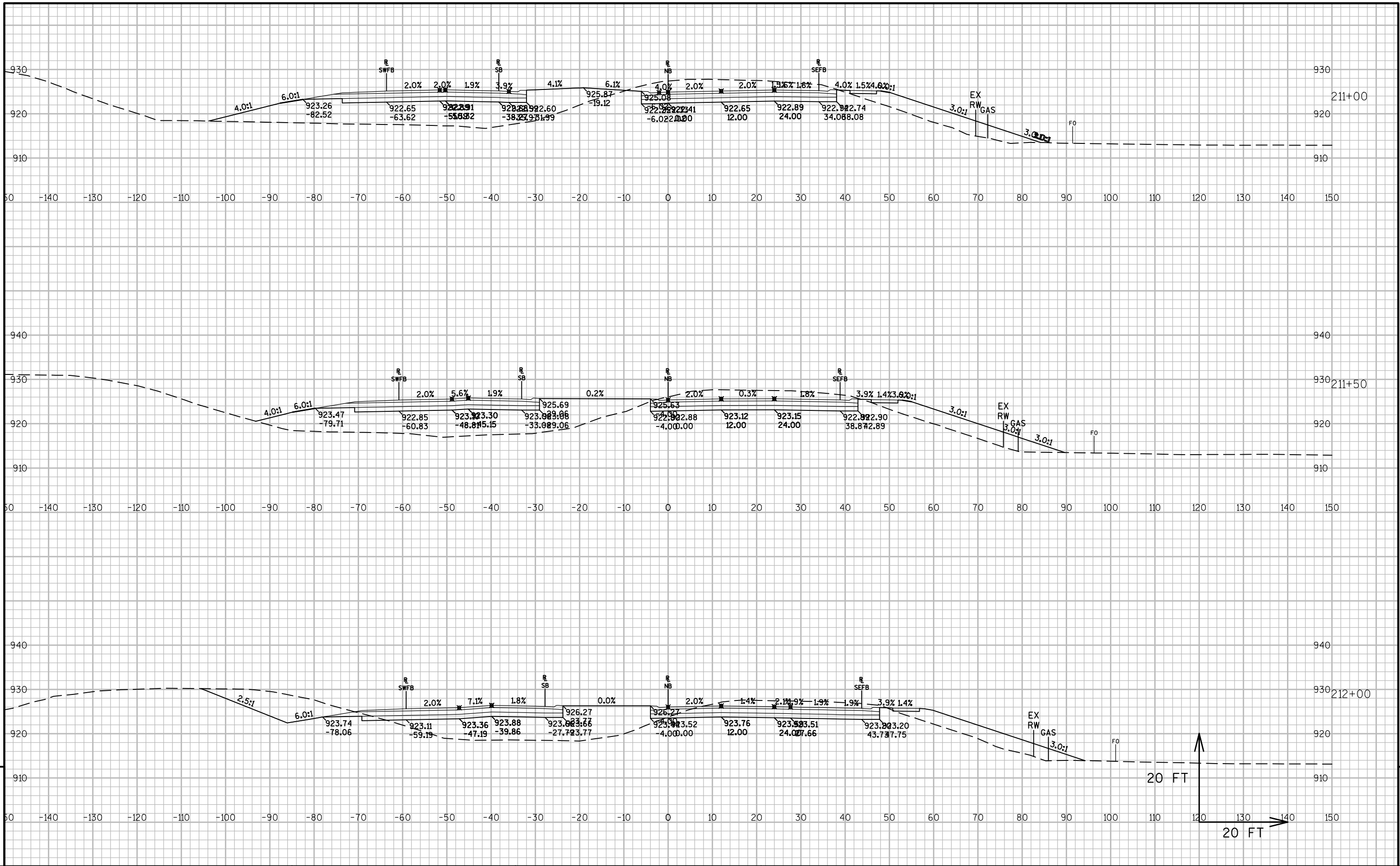
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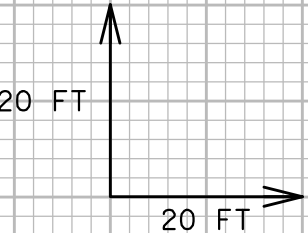
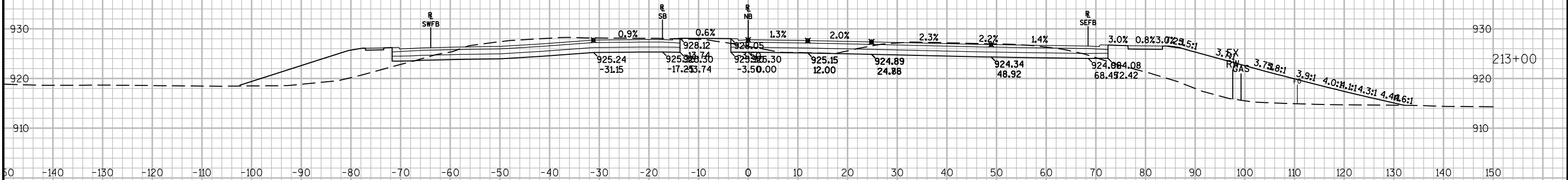
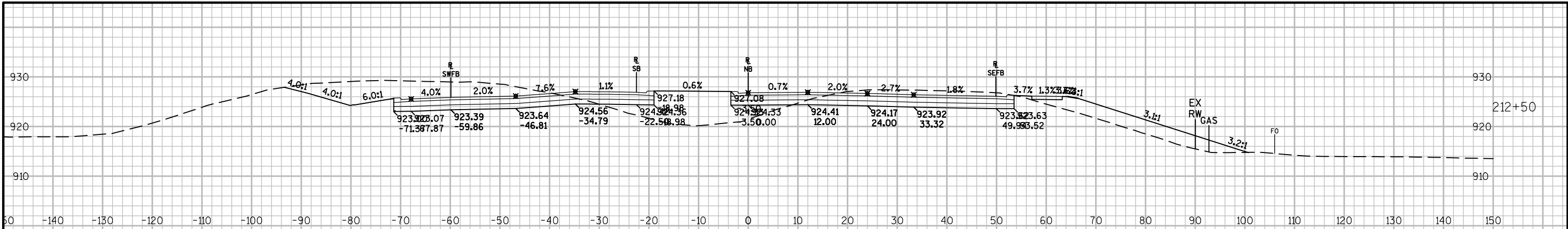
PLOT NAME :

PLOT SCALE : 1 IN:20 FT

WISDOT/CADDs SHEET 49







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PROJECT NO:5290-02-70

HWY:STH 19

COUNTY:DANE

CROSS SECTIONS: STH 113 SOUTH LEG

SHEET

E

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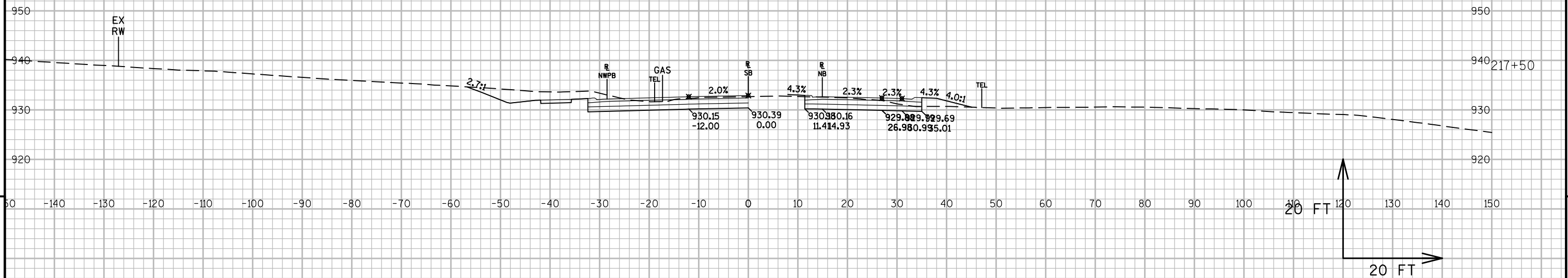
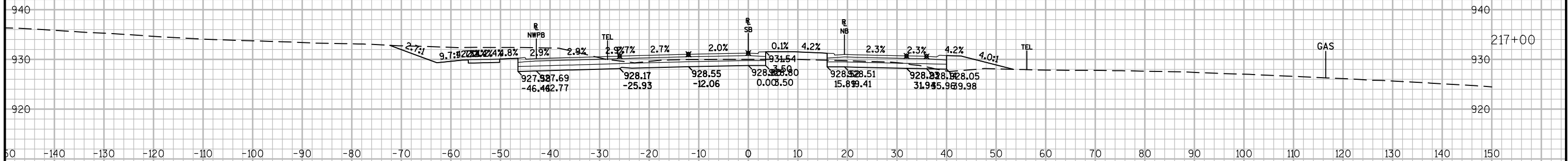
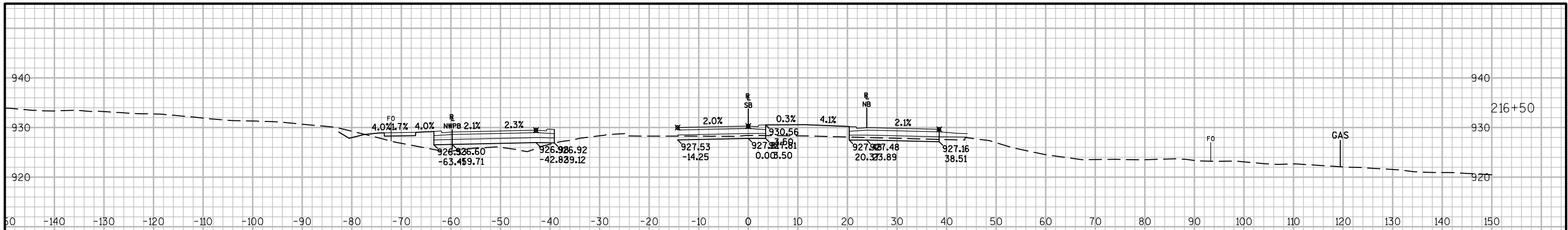
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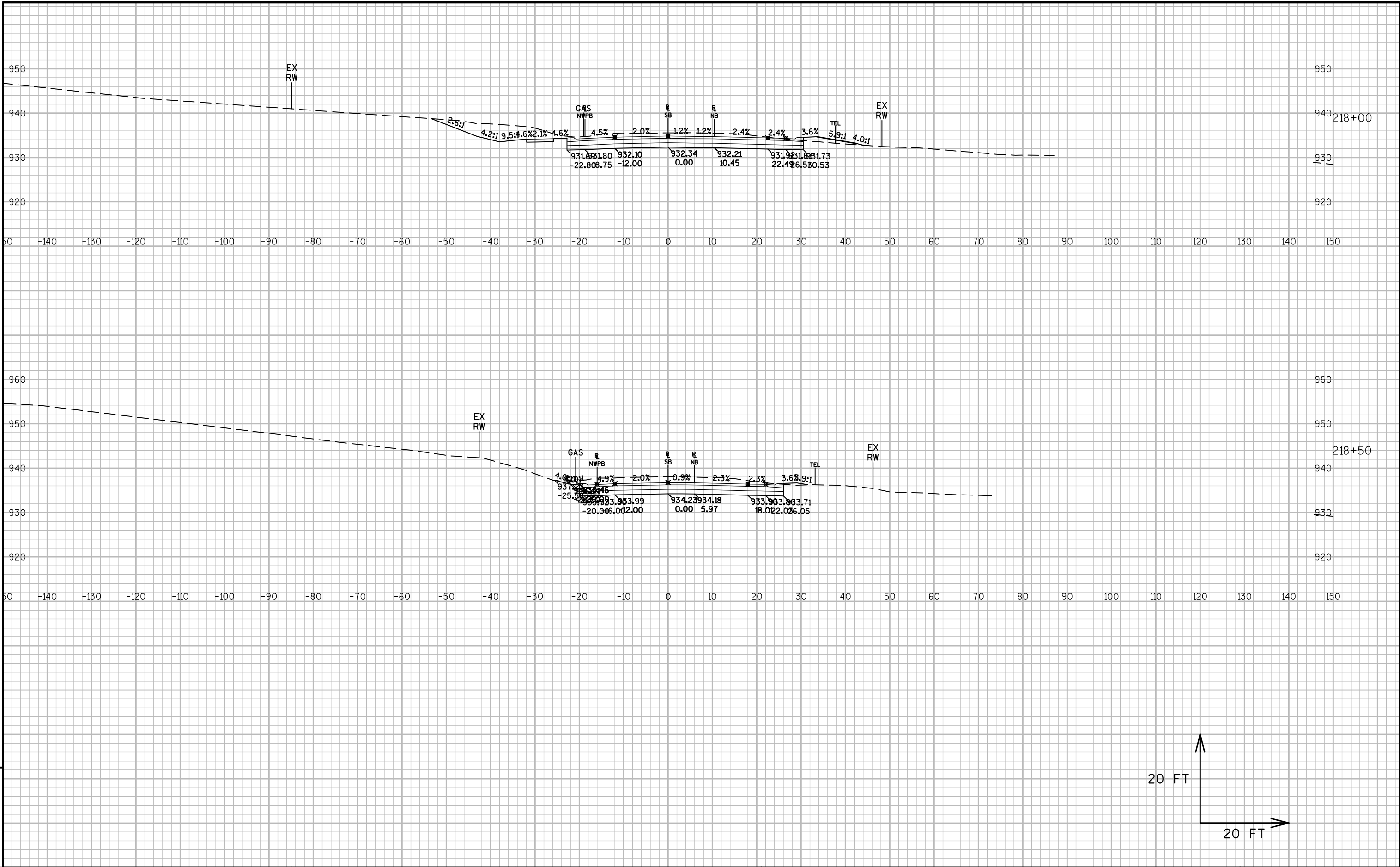
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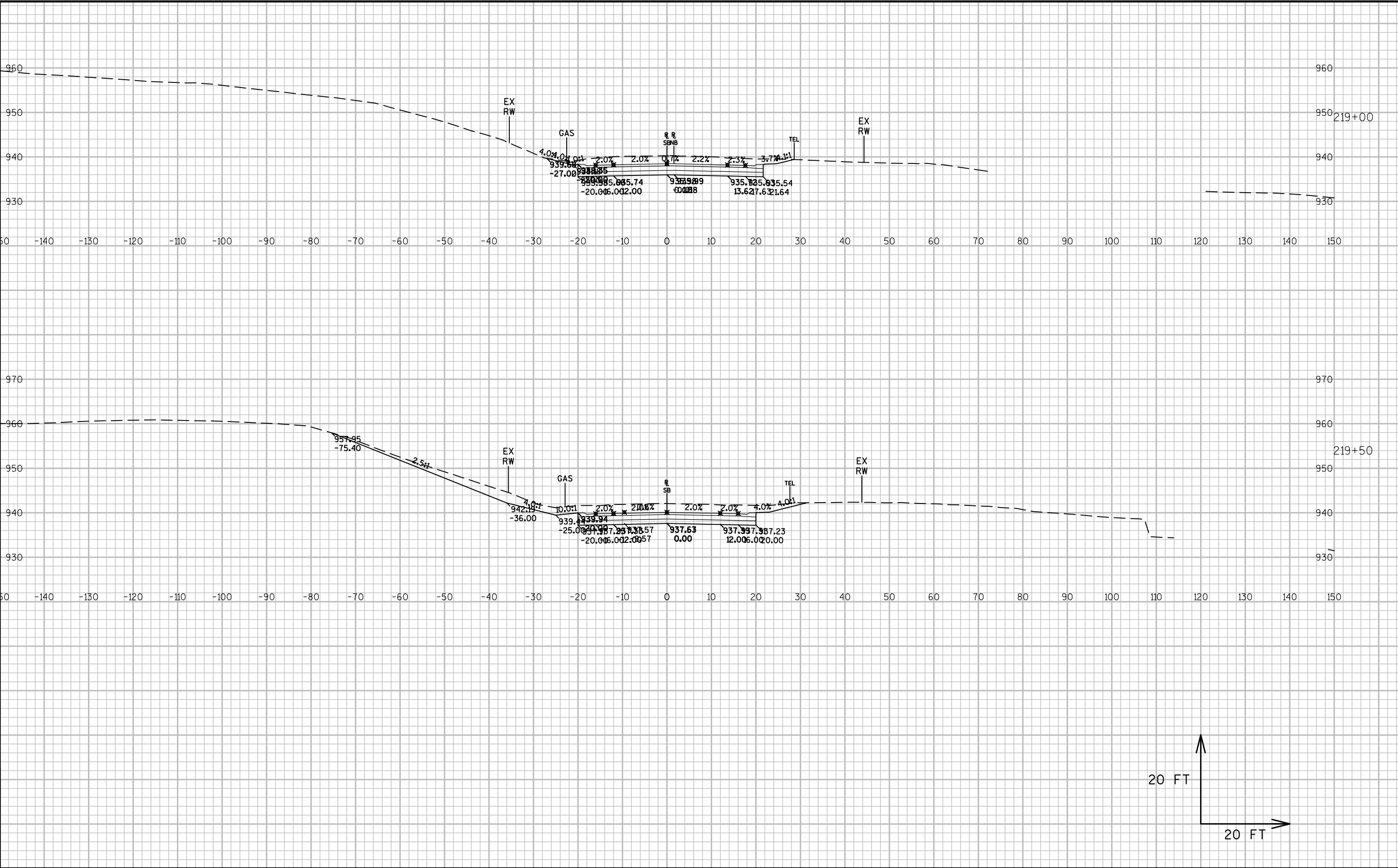
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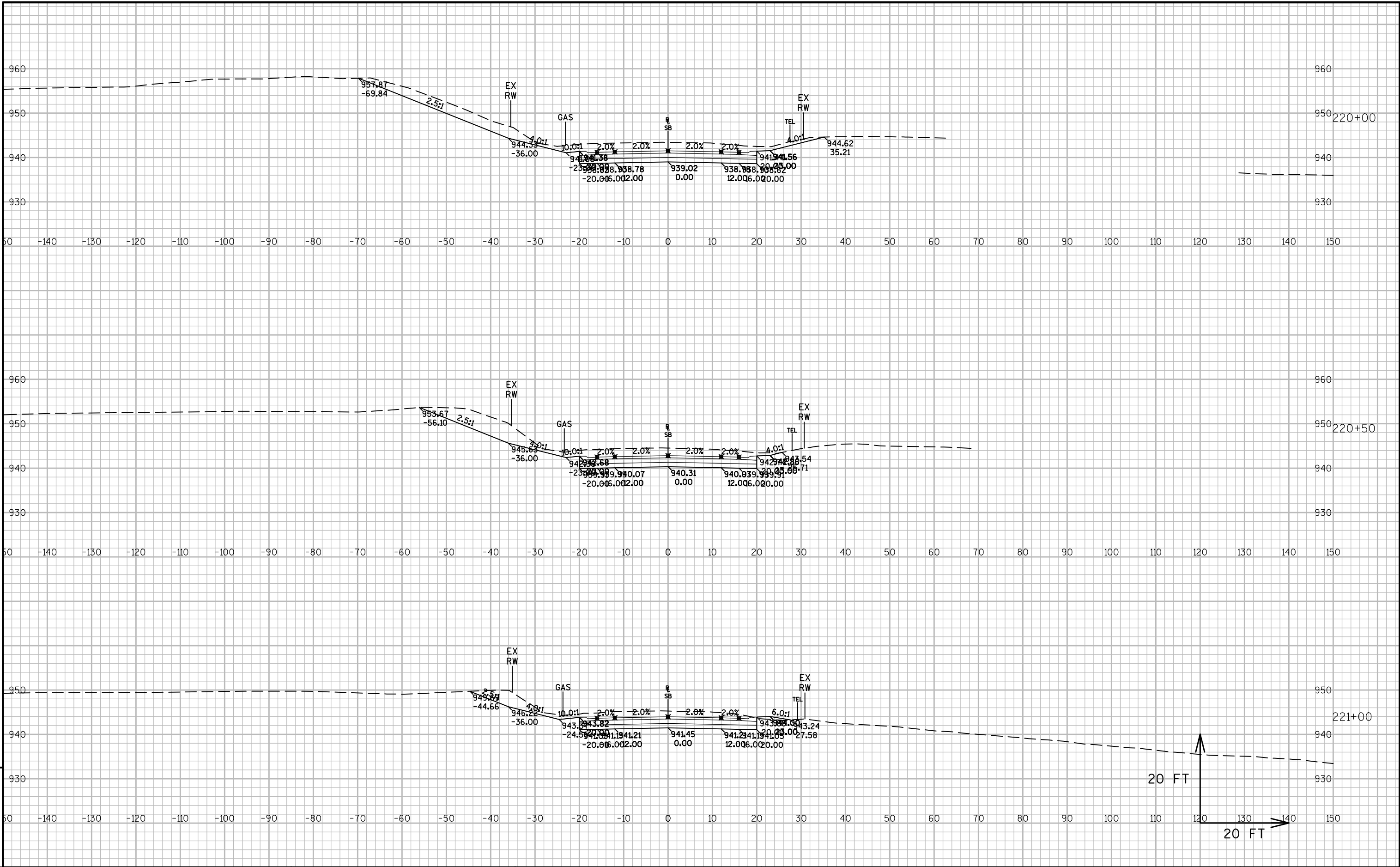
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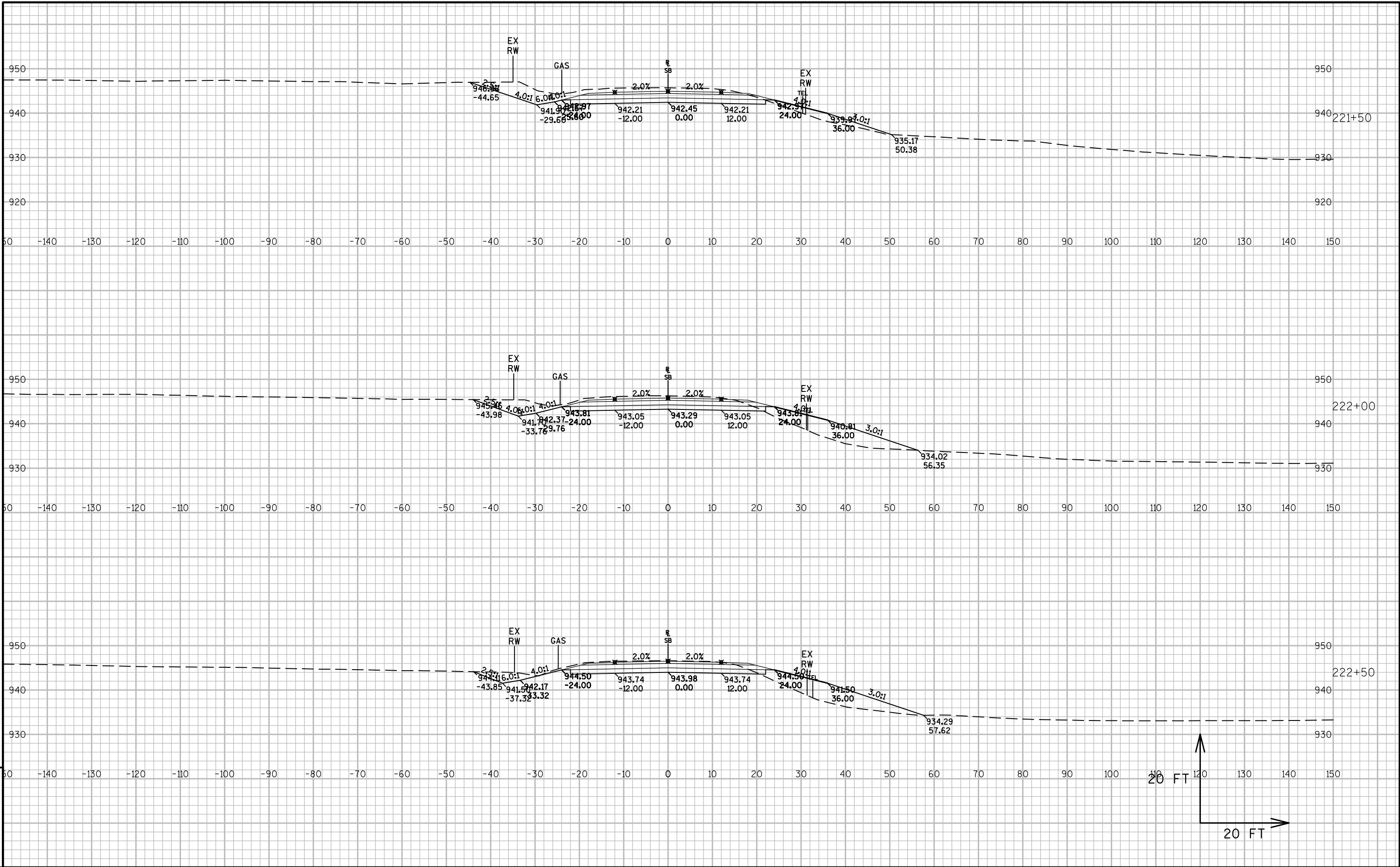
WISDOT/CADDs SHEET 49

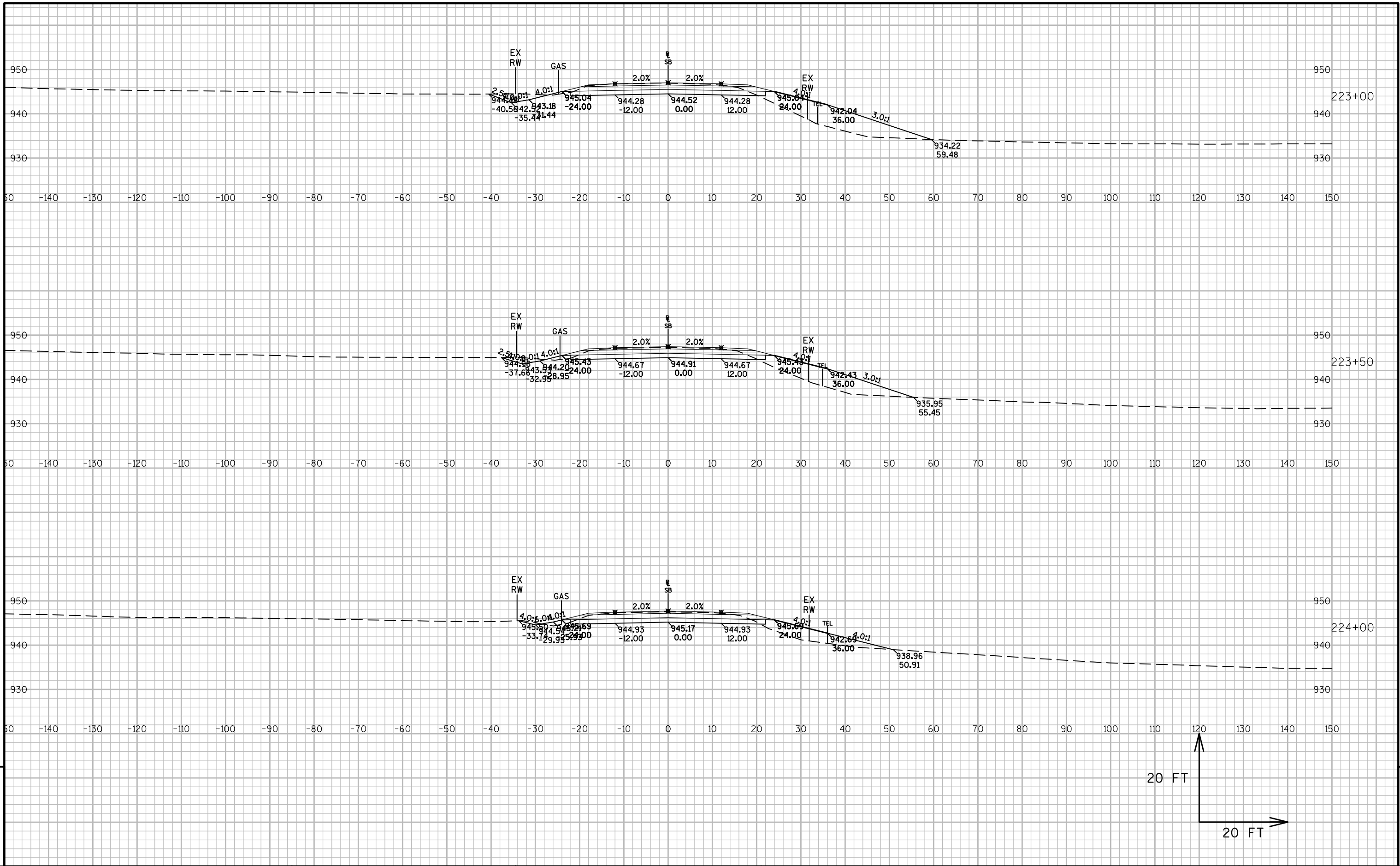


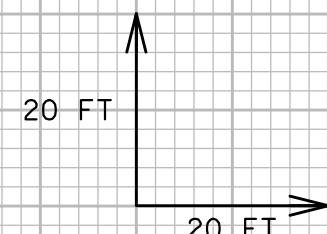
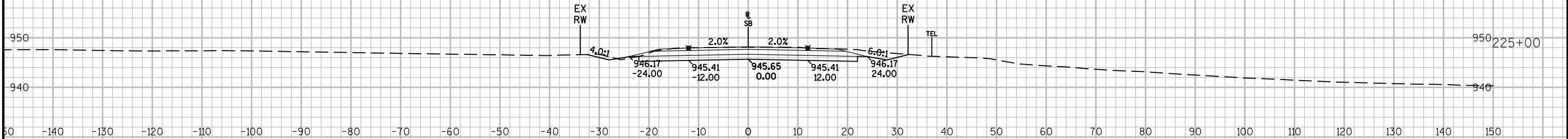
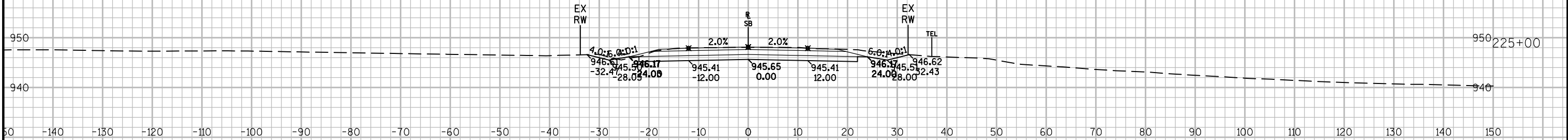
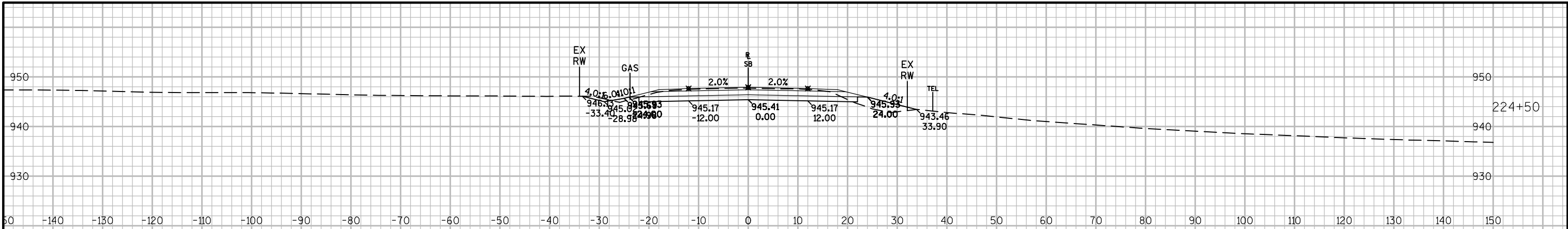












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