PROJECT ID: 8160-03-70
WITH: N/A

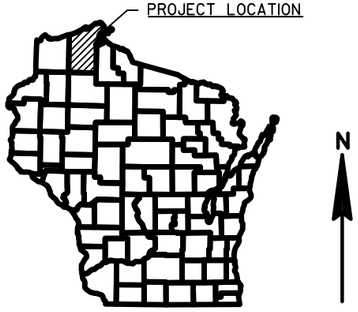
COUNTY: BAYFIELD

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 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 =

PROJECT LOCATION



N

DESIGN DESIGNATION 8160-03-01

A.A.D.T.	(2017)	= 5,200	
A.A.D.T.	(2027)	= 6,200	
D.H.V.		= 2,130	
D.D.		= 61/39	
T.		= 10.0%	(STA. 560+00 - 583+00'N') (STA. 583+00 - E.O.P)
DESIGN SPEED		= 55 MPH	45 MPH 25 MPH
ESALS		= 3,200,000	

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE		ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
		TELEPHONE	T
MARSH AREA		WATER	W
		UTILITY PEDESTAL	
		POWER POLE	
WOODED OR SHRUB AREA		TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

ASHLAND - BAYFIELD

SUPERIOR AVENUE TO 7TH STREET

STH 13

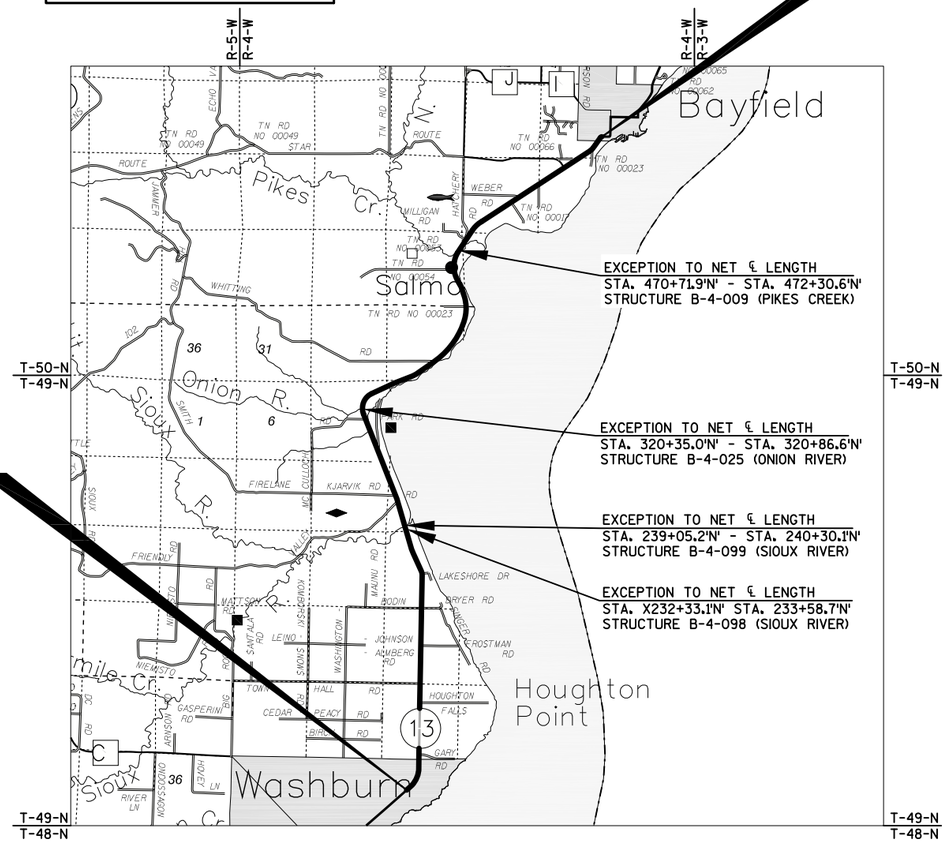
BAYFIELD

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8160-03-70		

STATE PROJECT NUMBER
8160-03-70

END PROJECT
STA. 602+84.21'N'

BEGIN PROJECT
STA. 37+00.00'N'
X = 818,683.34
Y = 491,488.77



LAYOUT
SCALE 0 2 MILE

TOTAL NET LENGTH OF CENTERLINE = 10.717 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, BAYFIELD 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 PLAN PREPARED BY

N.W.B.E.
NORTHERN WISCONSIN BASED ENGINEERS, INC.

DATE: _____

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NWBE, INC.
Designer	NWBE, INC.
Project Manager	PHILIP KEPPERS
Regional Examiner	
Regional Supervisor	DAVID OSTROWSKI

APPROVED FOR THE DEPARTMENT

DATE: _____ _____ (Signature)

E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\010101_TI.DWG
LAYOUT NAME - ****
PLOT DATE : 10/1/2015 12:52 PM PLOT BY : USER PLOT NAME :

2

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN SHALL BE IN ACCORDANCE WITH THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

CURVE DATA IS BASED ON THE ARC DEFINITION. BEARINGS SHOWN ON THE PLAN ARE GRID BEARINGS AND ARE TO THE NEAREST SECOND.

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE OR ASPHALTIC SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYERS SHOWN ON THE PLAN IS APPROXIMATE. THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGER'S HOTLINE AND/OR A DIRECT CALL TO UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGER'S HOTLINE.

RADIUS DIMENSIONS AS SHOWN ON THE PLAN ARE TO THE EDGE OF PAVEMENT. ELEVATIONS SHOWN ON INTERSECTION DETAIL SHEETS ARE AT THE EDGE OF PAVEMENT.

RESTORE SIDE ROAD INTERSECTIONS, DRIVEWAYS, AND OTHER ENTRANCES TO EXISTING SURFACE CONDITIONS UNLESS SHOWN OTHERWISE ON THE PLAN. EXACT LOCATION AND THE LIMITS OF PRIVATE ENTRANCES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

LIMITS OF ROADSIDE CLEARING ARE GENERALLY OUT TO 45 FEET RIGHT AND/OR LEFT OF CENTERLINE, EXCEPT WHERE RIGHT-OF-WAY LIMITS ARE LESS THAN 50 FEET. AT LOCATIONS WHERE RIGHT-OF-WAY IS LESS THAN 50 FEET, CLEAR TO WITHIN A MINIMUM OF 5 FEET FROM EXISTING RIGHT-OF-WAY. ONLY CUT TREES THAT HAVE TRUNKS FULLY WITHIN THE ROADSIDE CLEARING LIMITS. PRESERVE TREES WITH TRUNKS PARTIALLY WITHIN THE CLEARING LIMITS. REFER TO QUANTITY TABLE IN PLAN FOR ACTUAL LOCATIONS AND CLEARING LIMITS.

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

SILT FENCE SHALL BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, AND IT SHALL BE INSTALLED PRIOR TO CONSTRUCTION.

THE EROSION CONTROL DEVICES AS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND APPROVED BY THE ENGINEER IN CONSULTATION WITH THE DNR.

DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE RESTORED AS DIRECTED BY THE ENGINEER.

STATIONING, DISTANCES AND OFFSETS FOR PROPOSED SIGNS SHOWN ON THE PLAN ARE APPROXIMATE. ACTUAL LOCATIONS OF SIGNS ARE TO BE COORDINATED IN THE FIELD WITH THE ENGINEER.

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

WISDOT CONTACT
WISCONSIN DEPARTMENT OF TRANSPORTATION
ATTN: PHILIP KEPPERS, PE - PROJECT MANAGER
1701 NORTH 4TH STREET
SUPERIOR, WI 54880
PHONE (715) 395-3027
EMAIL: Philip.Keppers@dot.wi.gov

WDNR CONTACT
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
ATTN: SHAWN HASELEU
ENVIRONMENTAL ANALYSIS AND REVIEW SPECIALIST
810 WEST MAPLE STREET
SPOONER, WI 54801
PHONE (715) 635-4228
EMAIL: Shawn.Haseleu@wisconsin.gov

DESIGN CONTACT
NORTHERN WISCONSIN-BASED ENGINEERS (NWBE)
ATTN: HEATHER HARRINGTON, PE
P.O. BOX 328
HAYWARD, WI 54843
PHONE (715) 634-4334
EMAIL: heather@cheqnet.net

BAYFIELD COUNTY CONTACT
BAYFIELD COUNTY HIGHWAY DEPARTMENT
ATTN: THOMAS TOEPFER - COMMISSIONER
P.O. BOX 428
311 SOUTH 1ST AVENUE EAST
WASHBURN, WI 54891
PHONE (715) 373-6115
EMAIL: ttoepfer@bayfieldcounty.org

LIST OF STANDARD ABBREVIATIONS

ABUT.	ABUTMENT
AGG.	AGGREGATE
AH.	AHEAD
AADT	ANNUAL AVERAGE DAILY TRAFFIC
APPROX.	APPROXIMATE
A.E.W.	APRON END WALL
ASPH.	ASPHALTIC
BK.	BACK
BEG.	BEGIN
B.M.	BENCH MARK
C/L OR ℄	CENTER LINE
C.E.	COMMERCIAL ENTRANCE
CONC.	CONCRETE
CONSTR.	CONSTRUCTION
CO.	COUNTY
C.T.H.	COUNTY TRUNK HIGHWAY
X-SEC.	CROSS SECTION
CR.	CRUSHED
CULV.	CULVERT
C.P.	CULVERT PIPE
D.O.T.	DEPARTMENT OF TRANSPORTATION
D.H.V.	DESIGN HOUR VOLUME
DIA.	DIAMETER
DISCH. OR DIS.	DISCHARGE
E.	EAST
X	EAST GRID COORDINATE
EB	EASTBOUND
EA.	EACH
ELEC.	ELECTRIC
EL. OR ELEV.	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
E.B.S.	EXCAVATION BELOW SUBGRADE
EXIST.	EXISTING
FERT.	FERTILIZE
F.E.	FIELD ENTRANCE
FIN.	FINISHED
F.L. OR ℄	FLOW LINE
HORIZ.	HORIZONTAL
INL.	INLET
INT.	INTERSECTION
INV.	INVERT
LT.	LEFT
L.H.F.	LEFT-HAND FORWARD
L.F.	LINEAR FOOT
L.S.	LUMP SUM
MAX.	MAXIMUM
MISC.	MISCELLANEOUS
N.	NORTH
Y	NORTH GRID COORDINATE
N.E.	NORTHEAST
N.W.	NORTHWEST
PAVT.	PAVEMENT
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
P.O.T.	POINT ON TANGENT
P.E.	PRIVATE ENTRANCE
PROJ.	PROJECT
R.	RANGE
REQD.	REQUIRED
R/L	REFERENCE LINE
RT.	RIGHT
R.H.F.	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
RD.	ROAD
SHLD.	SHOULDER
S.	SOUTH
S.D.D.	STANDARD DETAIL DRAWINGS
S.T.H.	STATE TRUNK HIGHWAYS
STA.	STATION
STRUCT.	STRUCTURE
TEL.	TELEPHONE
TEMP.	TEMPORARY
TN.	TOWN
T.	TRUCKS (PERCENT OF)
TYP.	TYPICAL
U.G.	UNDERGROUND
VAR.	VARIABLE
V.	VELOCITY OR DESIGN SPEED
V.C.	VERTICAL CURVE
W.	WEST
WB	WESTBOUND
W.A.	WORKING DAY
WZ	WORK ZONE

UTILITIES

BAYFIELD ELECTRIC COOPERATIVE
ATTN: GARY TARASEWICZ
P.O. BOX 68
IRON RIVER, WI 54847
BEC OFFICE (715) 372-4287
DIRECT LINE (715) 372-7539
EMAIL: gary.tarasewicz@bayfieldelectric.com

CITY OF BAYFIELD PUBLIC WORKS
ATTN: THOMAS KOVACHEVICH - PUBLIC WORKS DIRECTOR
P.O. BOX 1170
BAYFIELD, WI 54814
PHONE (715) 779-5731
MOBILE (715) 209-3956
EMAIL: citypublicworks@cityofbayfield.com

CENTURYLINK
ALAN NICKELL
P.O. BOX 181
SOLON SPRINGS, WI 54873
PHONE (715) 378-2131
MOBILE (715) 566-3879
EMAIL: alan.nickell@centurylink.com

CHARTER COMMUNICATIONS
TOM HAASE
2304 S. MAIN ST.
RICE LAKE, WI 54868
PHONE (715) 719-0564
MOBILE (715) 418-9317
EMAIL: tom.haase@charter.com

XCEL ENERGY - ELECTRIC
ATTN: MURRAY SMERER - SENIOR DESIGNER
2400 FARM ROAD
ASHLAND, WI 54806
PHONE (715) 682-6928
EMAIL: murray.j.smerer@xcelenergy.com

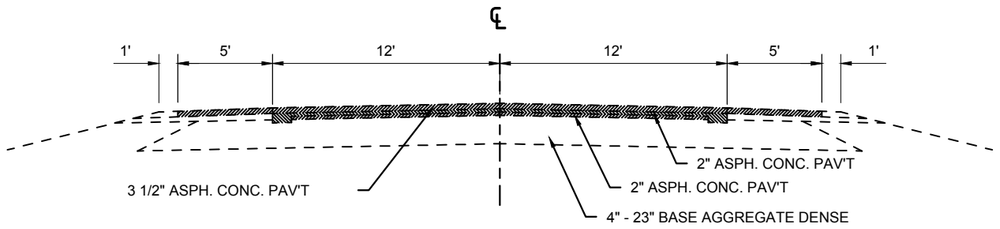
XCEL ENERGY - GAS
ATTN: MURRAY SMERER - SENIOR DESIGNER
2400 FARM ROAD
ASHLAND, WI 54806
PHONE (715) 682-6928

NORTHERN NATURAL GAS COMPANY
ATTN: JEFF TELKER
1995 N. NATURAL GAS RD.
CARLTON, MN 55718
PHONE (402) 530-3466
MOBILE (218) 348-3470
EMAIL: Jeff.Telker@NNGCO.com

NORVADO
ATTN: GUY FOLSOM
P.O. BOX 67
CABLE, WI 54821
PHONE (715) 798-7123
MOBILE (715) 580-8123
EMAIL: gfolsom@norvado.com

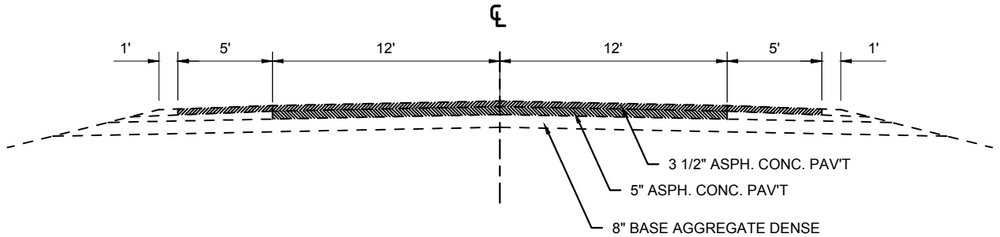
PIKES BAY SANITARY DISTRICT
ATTN: REX DOLLINGER - PRESIDENT
P.O. BOX 689
BAYFIELD, WI 54814
PHONE (715) 779-9866
EMAIL: rex.dollinger@yahoo.com

WASHBURN MUNICIPAL WATER AND SEWER UTILITY
ATTN: GAYLA SALMI - DIRECTOR OF PUBLIC WORKS
P.O. BOX 638
WASHBURN, WI 54891
PHONE (715) 373-6171
AFTER HOURS DISPATCH (715) 373-6120
EMAIL: dpw@cityofwashburn.org



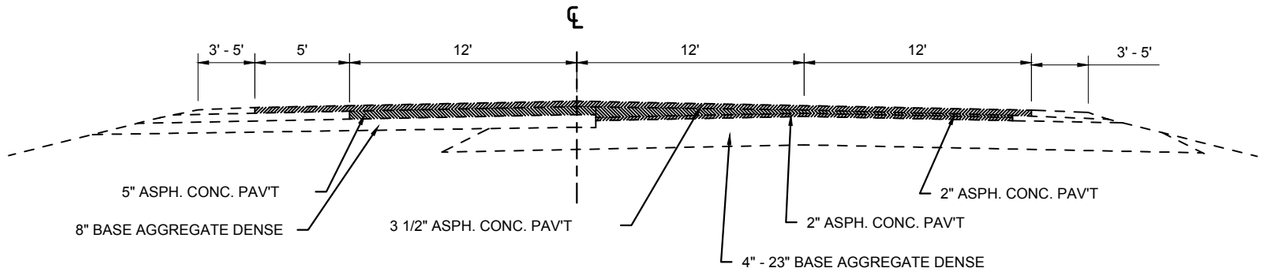
TYPICAL EXISTING SECTION

STA. 37+00'N' - 70+00'N'
STA. 77+59'N' - 232+33'N'
STA. 233+59'N' - 239+05'N'
STA. 240+22'N' - 314+50'N'
STA. 422+00'N' - 439+00'N'
STA. 440+50'N' - 442+00'N'
STA. 453+00'N' - 454+16'N'
STA. 459+44'N' - 470+72'N'
STA. 472+31'N' - 486+90'N'
STA. 550+00'N' - 572+00'N'
STA. 585+00'N' - 601+70'N'



TYPICAL EXISTING SECTION

STA. 70+00'N' - 77+59'N'
STA. 314+50'N' - 320+35'N'
STA. 320+87'N' - 330+85'N'
STA. 391+00'N' - 398+00'N'
STA. 545+00'N' - 550+00'N'
STA. 572+00'N' - 585+00'N'

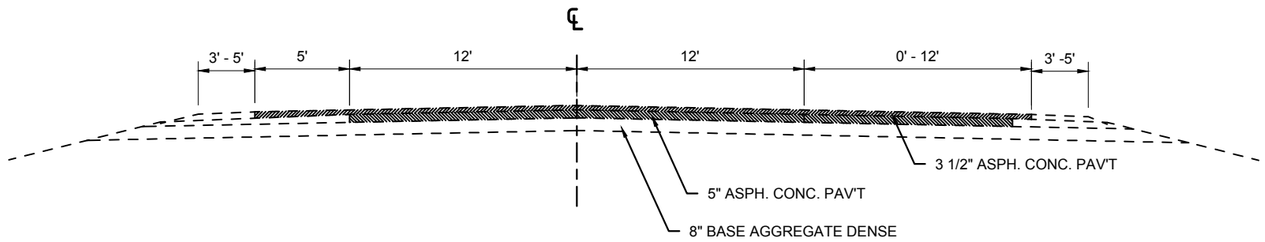


TYPICAL EXISTING SECTION

STA. 337+00'N' - 351+00'N'
STA. 486+90'N' - 539+30'N'

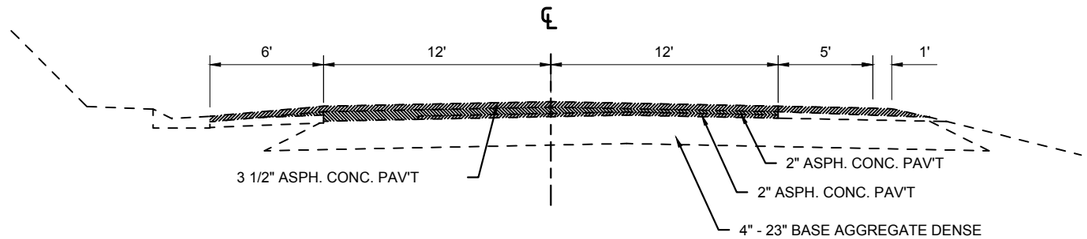
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: TYPICAL SECTIONS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\020301_TS.DWG
1229_RESURFACE_020301_TS.DST - 01
PLOT DATE : 2/12/2016 7:36 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN : 8 FT
WISDOT/CADDS SHEET 42



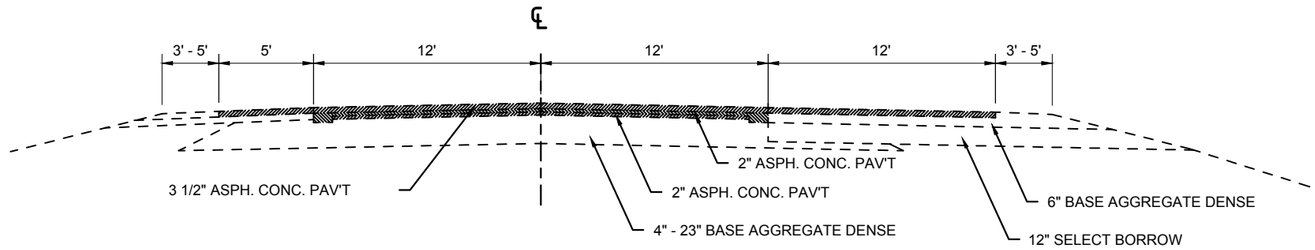
TYPICAL EXISTING SECTION

STA. 330+85'N' - 337+00'N'
STA. 351+00'N' - 357+70'N'
STA. 479+00'N' - 486+90'N'
STA. 532+50'N' - 535+01'N' (ASPHALT CONC. SHOULDER AND CURB & GUTTER)
STA. 539+30'N' - 545+00'N'



TYPICAL EXISTING SECTION

STA. 371+13'N' - 379+00'N'
STA. 379+89'N' - 382+14'N'
STA. 384+14'N' - 389+19'N'
STA. 393+35'N' - 395+48'N'
STA. 397+48'N' - 411+12'N'
STA. 414+22'N' - 415+38'N'
STA. 417+50'N' - 419+26'N'
STA. 439+68'N' - 440+56'N'
STA. 532+50'N' - 535+01'N'

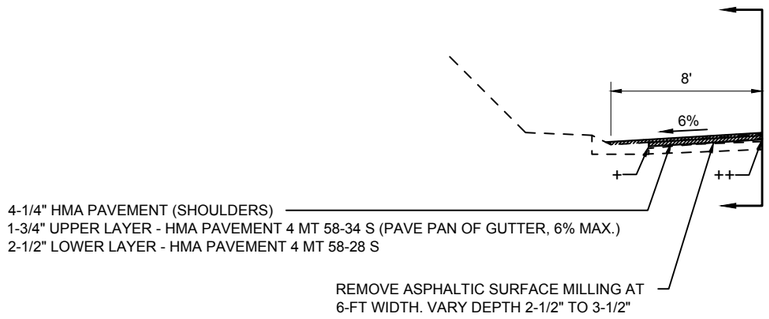


TYPICAL EXISTING SECTION

STA. 454+16'N' - 459+44'N'

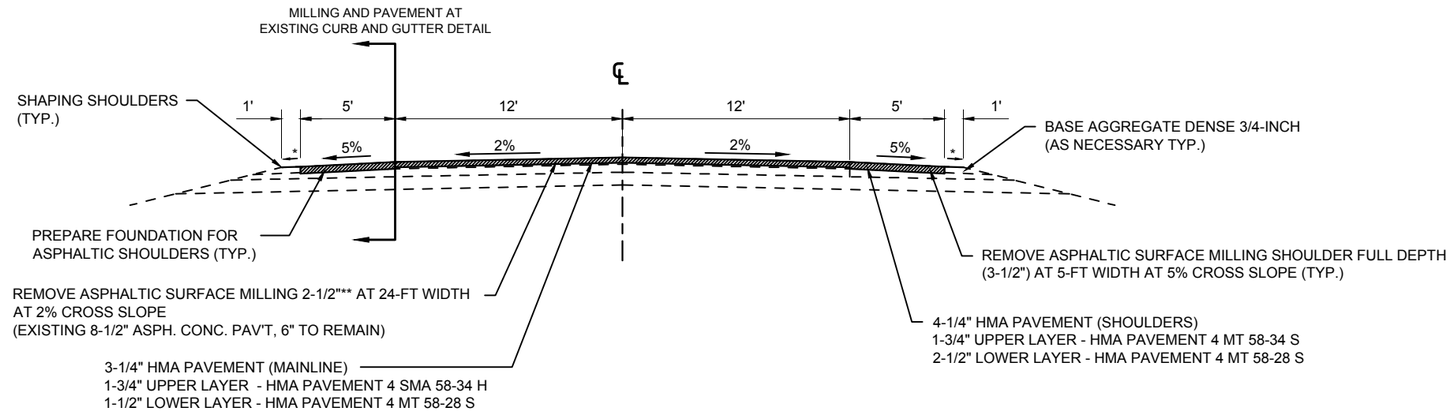
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: TYPICAL SECTIONS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\020301_TS.DWG
1229_RESURFACE_020301_TS.DST - 02
PLOT DATE : 2/12/2016 7:36 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN : 8 FT
WISDOT/CADDS SHEET 42



MILLING AND PAVMENT AT EXISTING CURB & GUTTER SECTION DETAIL

STA. 371+13'N' - 379+00'N'
STA. 379+89'N' - 382+14'N'
STA. 384+14'N' - 389+19'N'
STA. 393+35'N' - 395+48'N'
STA. 397+48'N' - 411+12'N'
STA. 414+22'N' - 415+38'N'
STA. 417+50'N' - 419+26'N'
STA. 439+68'N' - 440+56'N'
STA. 532+50'N' - 535+01'N'



PROPOSED TYPICAL SECTION

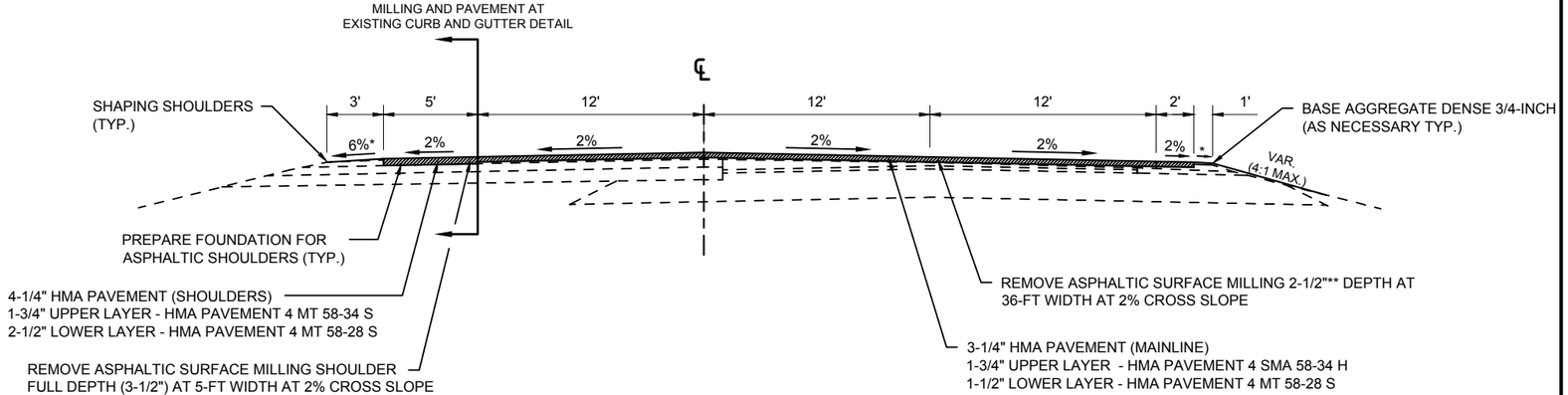
STA. 37+00'N' - 232+33'N'
STA. 233+59'N' - 239+05'N'
STA. 240+30'N' - 320+35'N'
STA. 320+87'N' - 330+85'N'
STA. 357+70'N' - 454+00'N'
STA. 459+60'N' - 470+72'N'
STA. 472+31'N' - 479+00'N'
STA. 544+00'N' - 602+84'N'

NOTE:

* VARY FINISHED BASE AGGREGATE DENSE SHOULDER SLOPE AS NEEDED TO MATCH EXISTING SHOULDER POINT (6% MAX.). SHOULDER BASE AGGREGATE MAY EXTEND ON TO ROADWAY INSLOPE (4:1 MAX.).

** MEASURE MILLING DEPTH AT EDGE OF EXISTING 12' TRAFFIC LANE OR 24' PASSING / BY-PASS LANE.

+ MILL DEPTH 2-1/2". ++ MILL DEPTH 3-1/2".

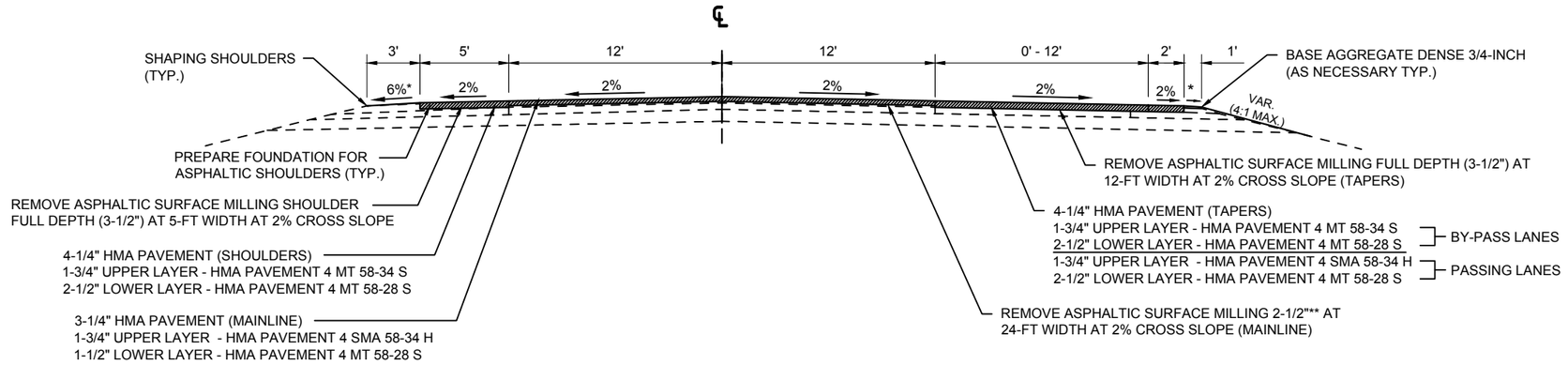


PROPOSED TYPICAL SECTION (PASSING LANES)

STA. 337+00'N' - 351+00'N'
STA. 486+90'N' - 537+80'N'

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: TYPICAL SECTIONS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\020301_TS.DWG
1229_RESURFACE_020301_TS.DST - 03
PLOT DATE : 2/12/2016 7:36 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN : 8 FT
WISDOT/CADDS SHEET 42



PROPOSED TYPICAL SECTION (TAPERS)

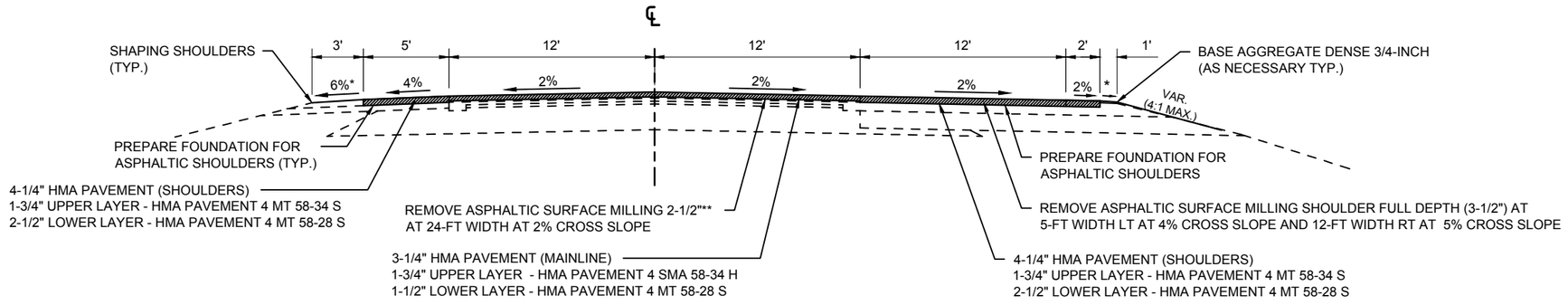
STA. 330+85'N' - 337+00'N'
STA. 351+00'N' - 371+13'N'
STA. 454+00'N' - 455+35'N'***
STA. 458+24'N' - 459+60'N'***
STA. 479+00'N' - 486+90'N'
STA. 537+80'N' - 544+00'N'

NOTE:

* VARY FINISHED BASE AGGREGATE DENSE SHOULDER SLOPE AS NEEDED TO MATCH EXISTING SHOULDER POINT (6% MAX.). SHOULDER BASE AGGREGATE MAY EXTEND ON TO ROADWAY INSLOPE (4:1 MAX.).

** MEASURE MILLING DEPTH AT EDGE OF EXISTING 12' TRAFFIC LANE OR 24' PASSING / BY-PASS LANE.

*** STATIONING OF BY-PASS LANE TAPERS.

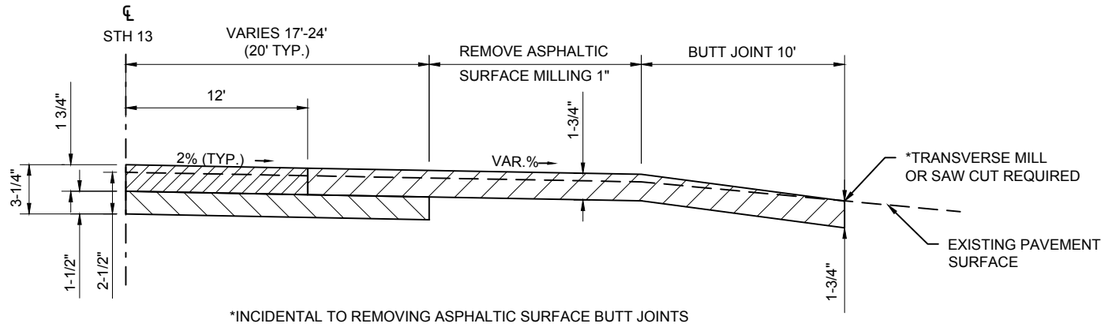


PROPOSED TYPICAL SECTION (BY-PASS LANE)

STA. 455+35'N' - 458+24'N'

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: TYPICAL SECTIONS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\020301_TS.DWG
1229_RESURFACE_020301_TS.DST - 04
PLOT DATE : 2/12/2016 7:36 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN : 8 FT
WISDOT/CADDS SHEET 42



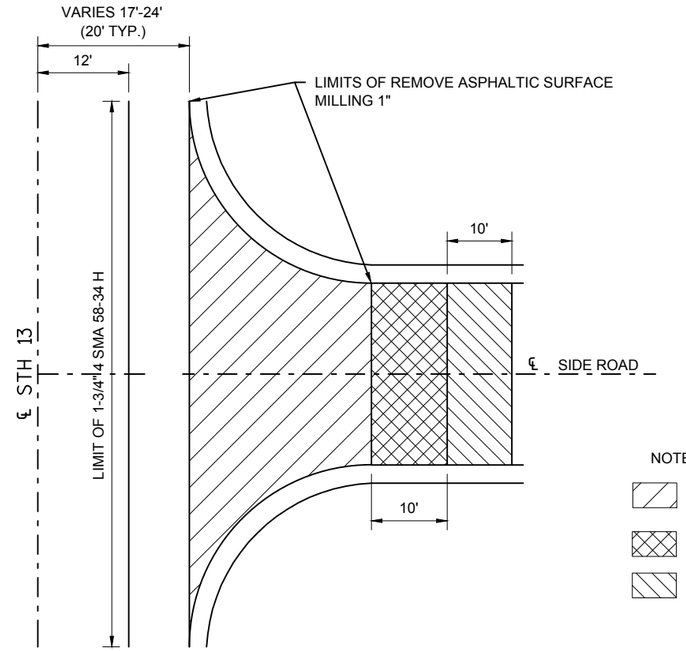
*INCIDENTAL TO REMOVING ASPHALTIC SURFACE BUTT JOINTS

NOTES:

UPPER LAYER 1-3/4" HMA PAVEMENT 4 SMA 58-34 H

UPPER LAYER 1-3/4" HMA PAVEMENT 4 MT 58-34 S

LOWER LAYER 1-1/2" HMA PAVEMENT 4 MT 58-28 S



NOTES:

REMOVING ASPHALTIC SURFACE MILLING 1", HMA PAVEMENT 4 MT 58-34 S

REMOVING ASPHALTIC SURFACE BUTT JOINT

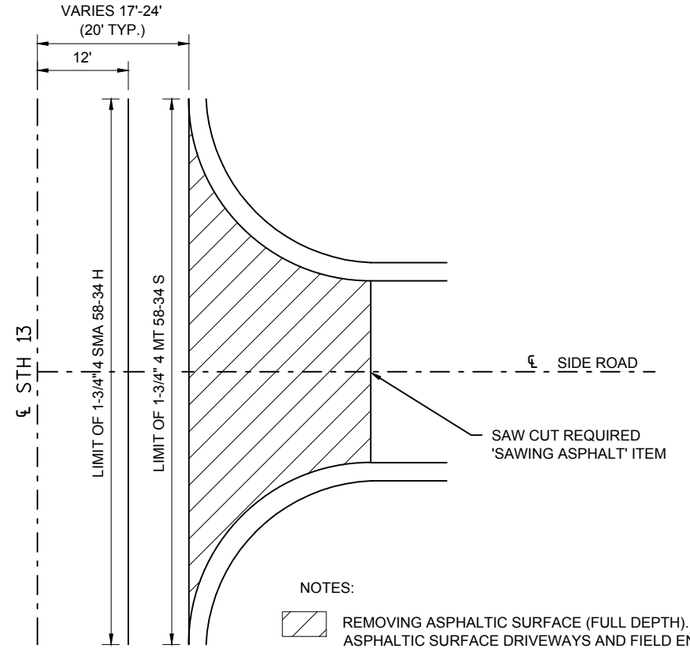
3/4-INCH BASE AGGREGATE DENSE,**
FEATHER TO MATCH PAVED SIDE ROAD APRONS.

MATCH EXISTING PAVED SURFACE RADII AND TAPERS.

4" HMA PAVEMENT 4 MT 58-34 S REQUIRED ON SIDE ROADS
NOT PAVED TO THE RADIUS POINTS.

**REQUIRED ON UN-PAVED SIDE ROADS ONLY.

PAVED AND UN-PAVED SIDE ROAD



NOTES:

REMOVING ASPHALTIC SURFACE (FULL DEPTH). 2-1/2" LAYER*.
ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES.

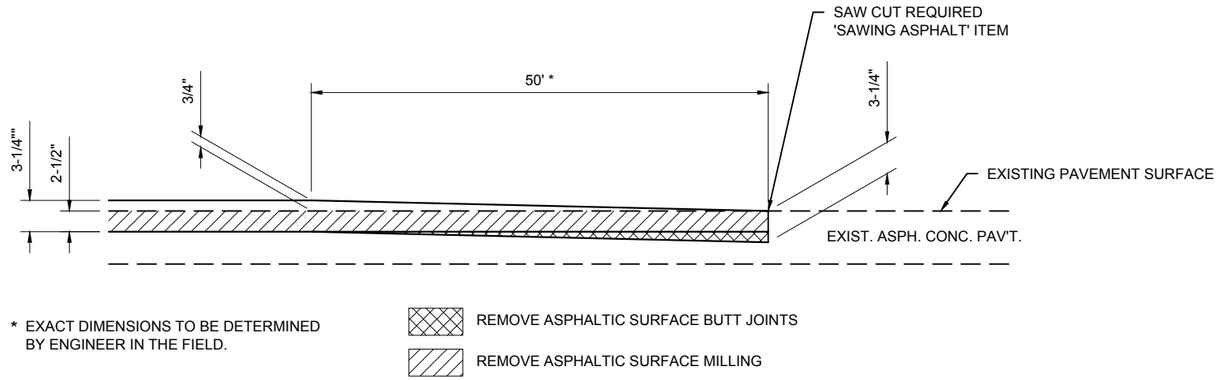
MATCH EXISTING PAVED SURFACE RADII AND TAPERS.
*MATCH EXISTING PAVEMENT THICKNESS.

PAVED DRIVEWAYS

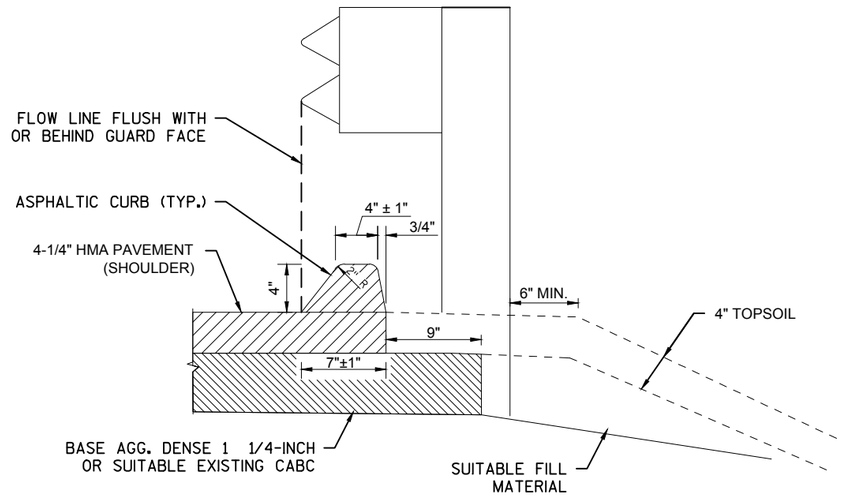
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: CONSTRUCTION DETAILS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\021001_CD.DWG
1229_RESURFACE_021001_CD - 021001_CD - 01
PLOT DATE : 10/31/2016 9:55 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



MAINLINE BUTT JOINT DETAIL

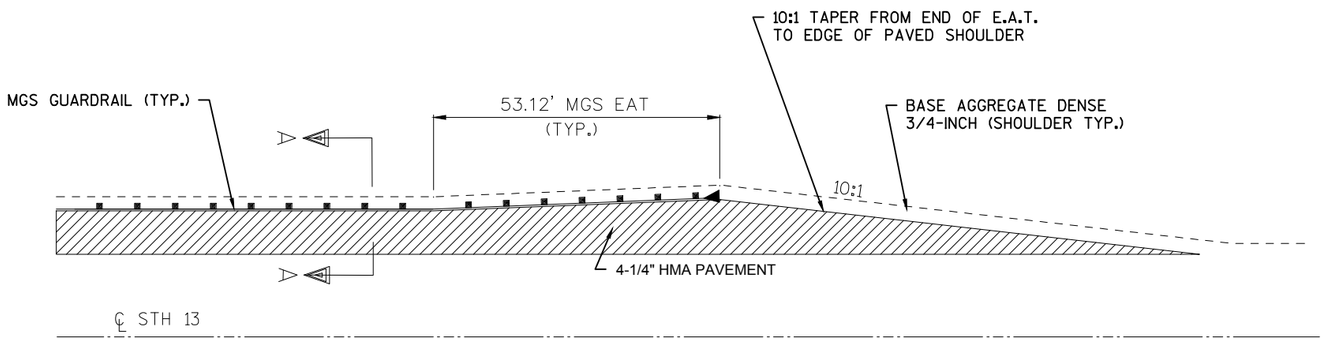


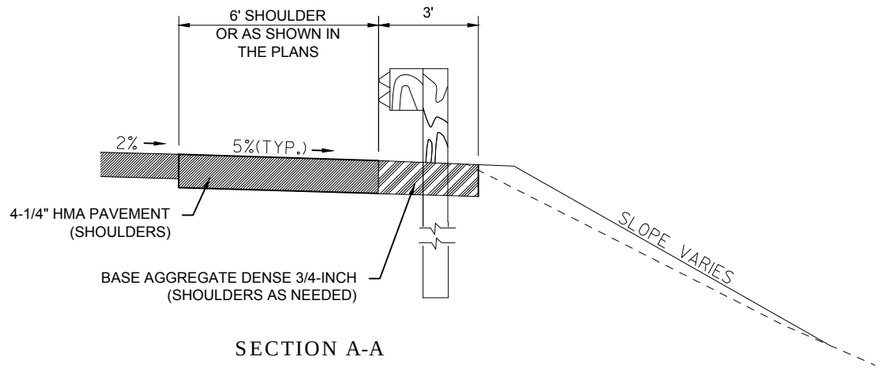
NOTE:

ASPHALTIC CURB SHALL ONLY BE CONSTRUCTED BETWEEN POST NO. 3 OF THE E.A.T.'s OF THIS BEAM GUARD INSTALLATION.

ASPHALTIC CURB DETAIL

STA 598+98.5 - 601+46.1 RT





SECTION A-A

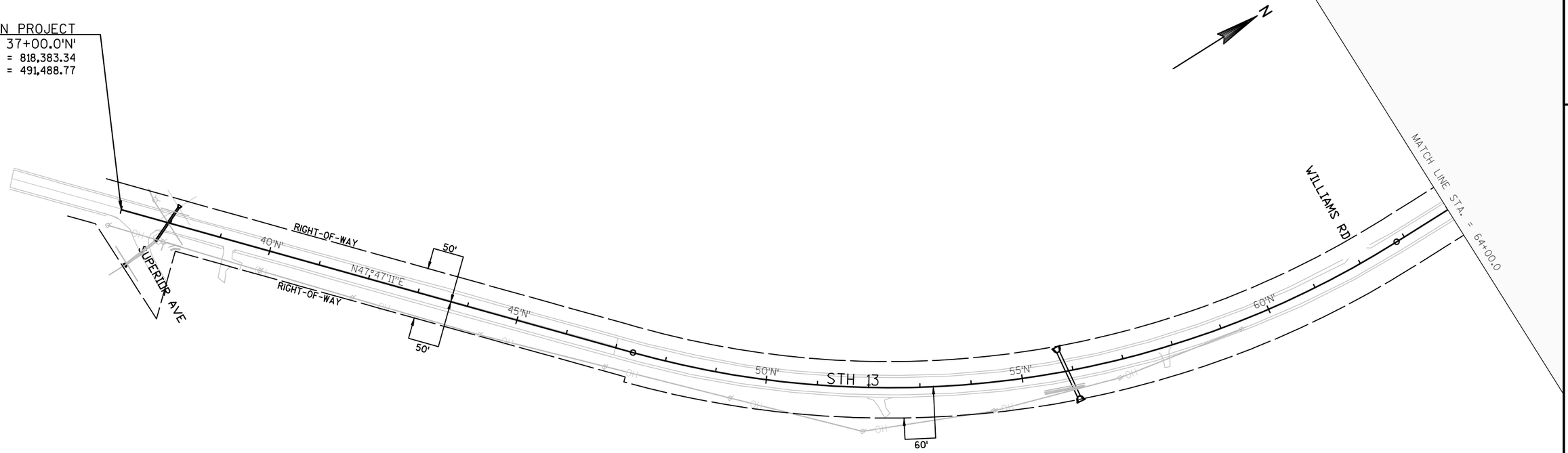
HMA PAVEMENT AT BEAM GUARD DETAIL

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: CONSTRUCTION DETAILS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\021001_CD.DWG
1229_RESURFACE_021001_CD - 021001_CD - 03
PLOT DATE : 10/31/2016 9:55 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

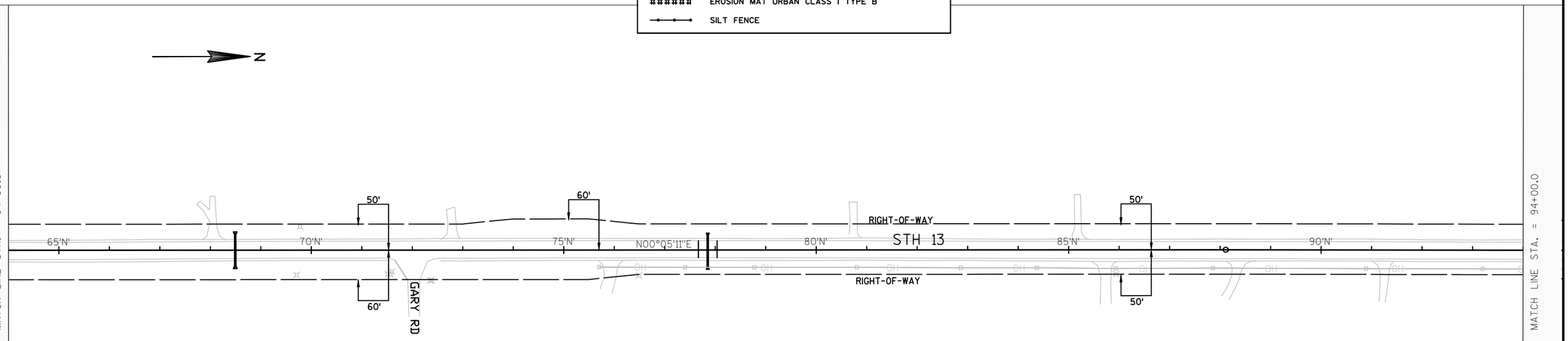
BEGIN PROJECT
STA. 37+00.0'N'
X = 818,383.34
Y = 491,488.77



LEGEND

EROSION MAT URBAN CLASS I TYPE B

SILT FENCE

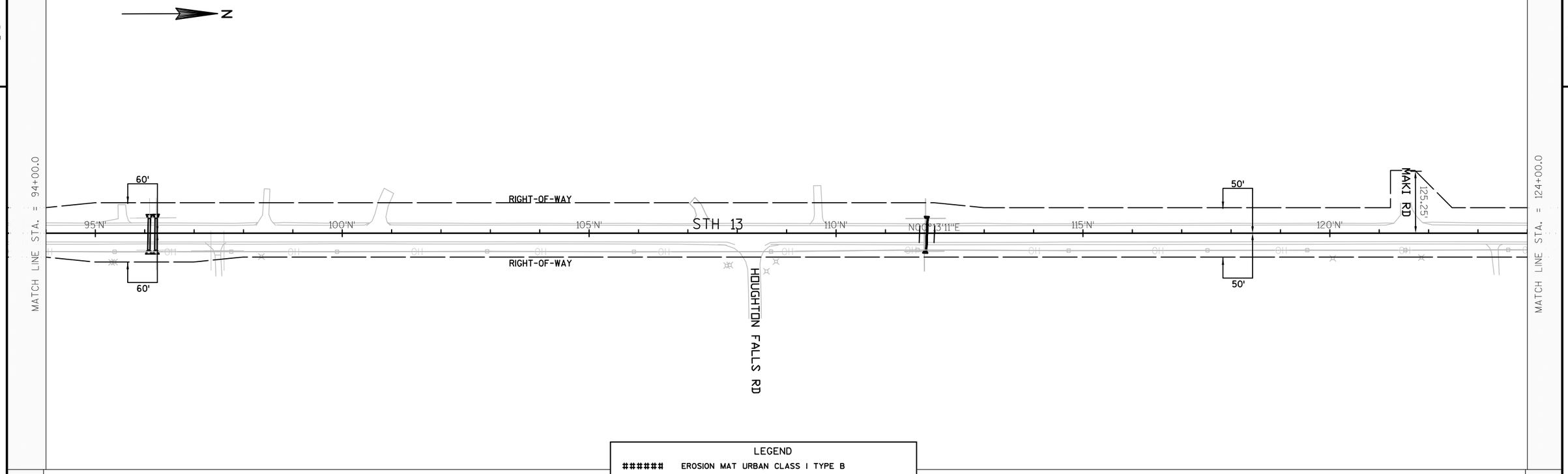


2

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-1
PLOT DATE : 2/22/2016 8:52 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT

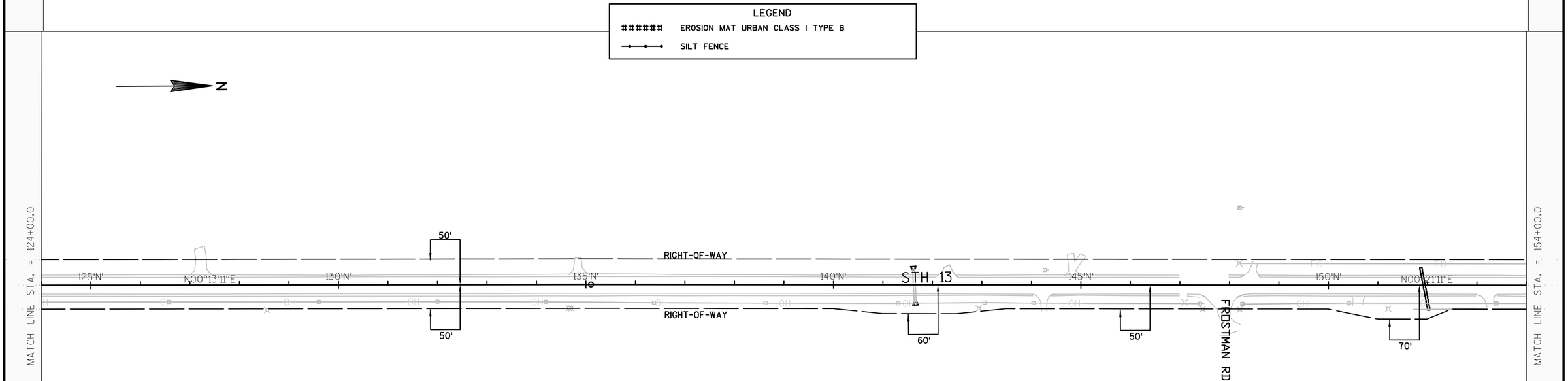
2



LEGEND

EROSION MAT URBAN CLASS I TYPE B

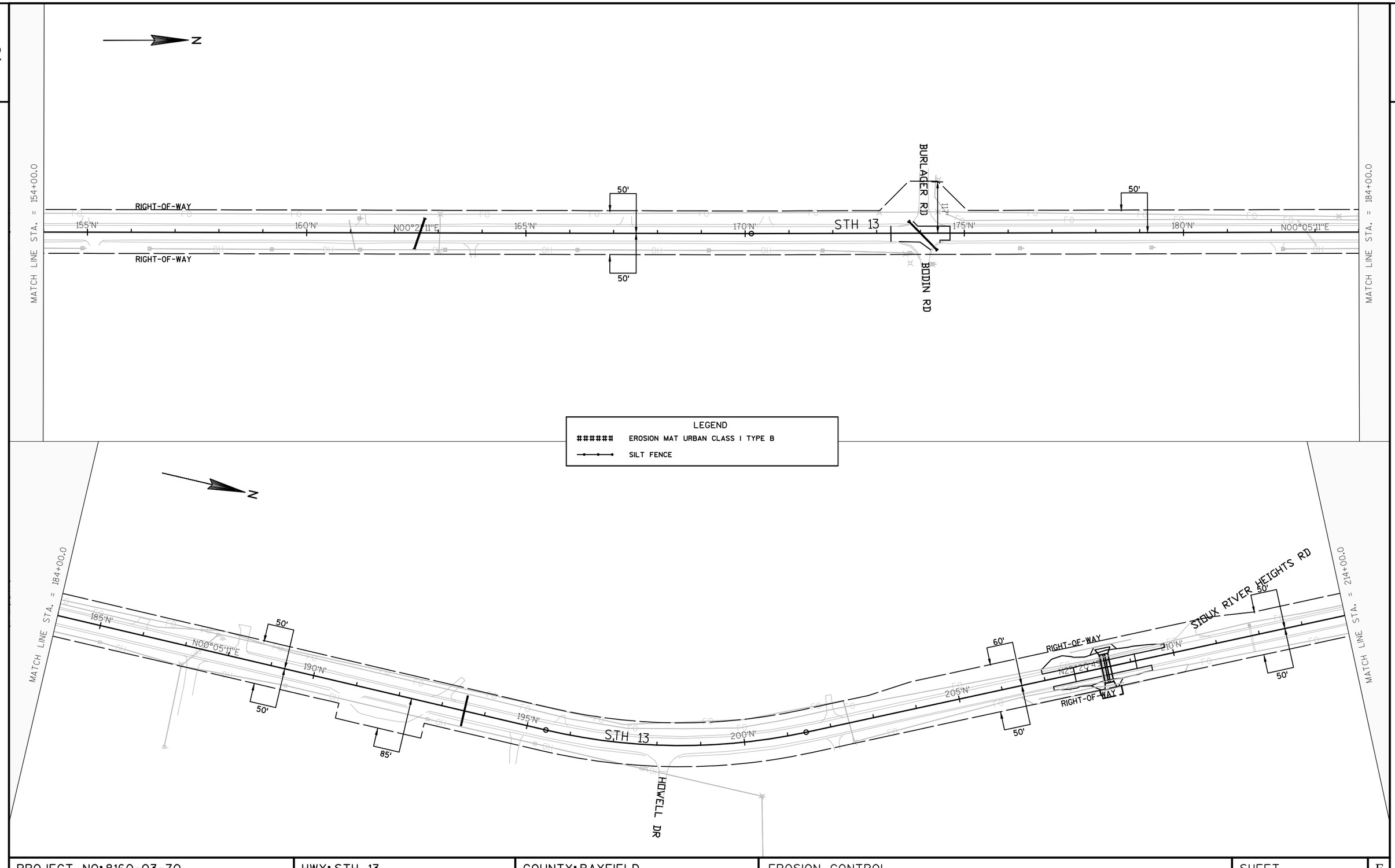
SILT FENCE



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET	E

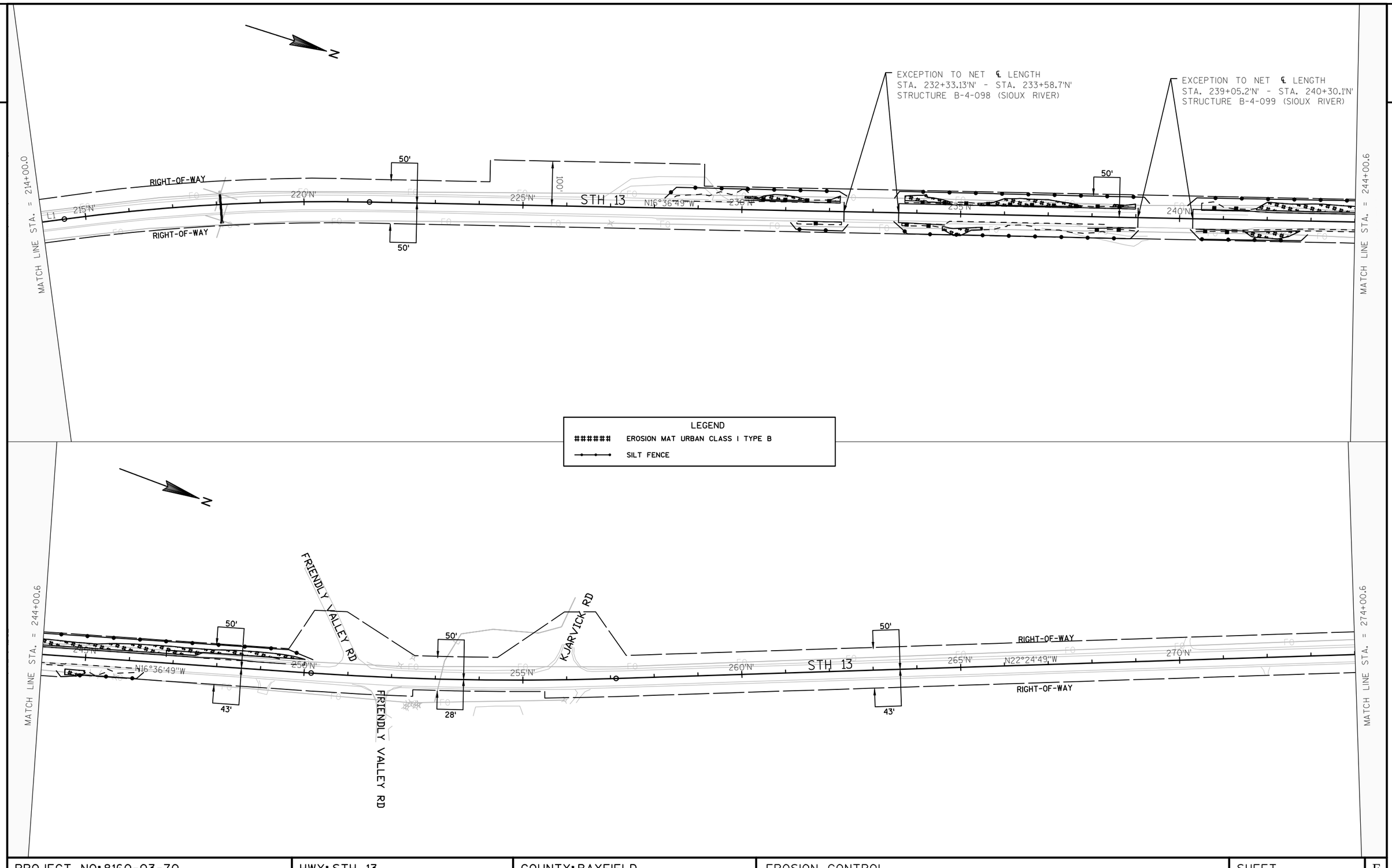
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-3
PLOT DATE : 2/22/2016 8:58 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



PROJECT NO:8160-03-70	HWY: STH 13	COUNTY:BAYFIELD	EROSION CONTROL	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG PLOT DATE : 2/22/2016 8:53 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-5



PROJECT NO:8160-03-70	HWY:STH 13	COUNTY:BAYFIELD	EROSION CONTROL	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG PLOT DATE : 2/22/2016 8:53 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-7

2

2

MATCH LINE STA. = 274+00.6

MATCH LINE STA. = 304+00.6

N

RIGHT-OF-WAY

RIGHT-OF-WAY

50'

43'

275'N'

280'N'

285'N'

N22°24'49"W

290'N'

STH 13

295'N'

300'N'

BAYVIEW PARK RD

LEGEND

EROSION MAT URBAN CLASS I TYPE B

SILT FENCE

N

MATCH LINE STA. = 304+00.6

RIGHT-OF-WAY

RIGHT-OF-WAY

N22°24'49"W

50'

43'

305'N'

310'N'

315'N'

MCCULLOCH RD

320'N'

325'N'

STH 13

330'N'

52'

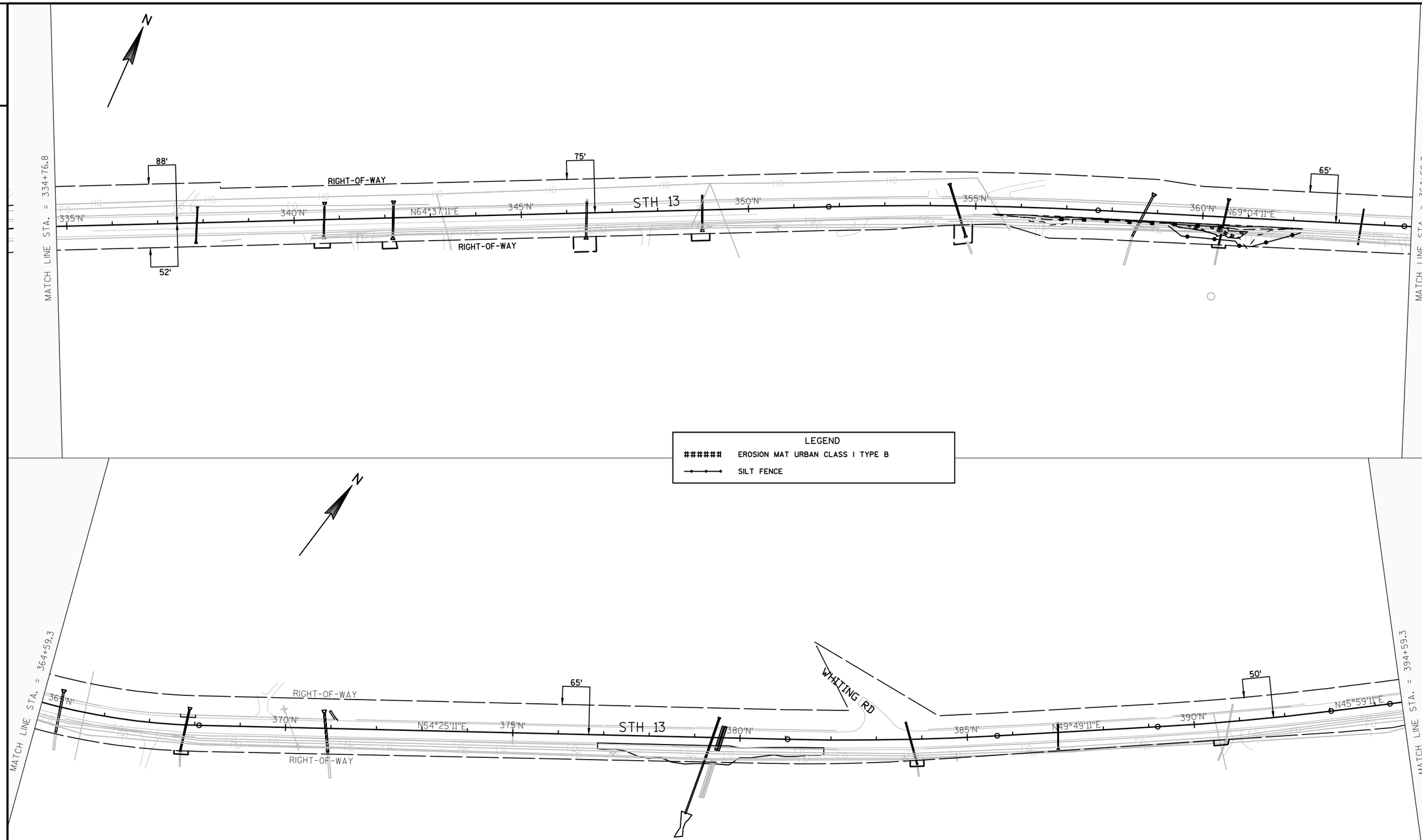
EXCEPTION TO NET ℄ LENGTH
STA. 320+35.0'N' - STA. 320+86.6'N'
STRUCTURE B-4-025 (ONION RIVER)

MATCH LINE STA. = 334+76.8

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-9

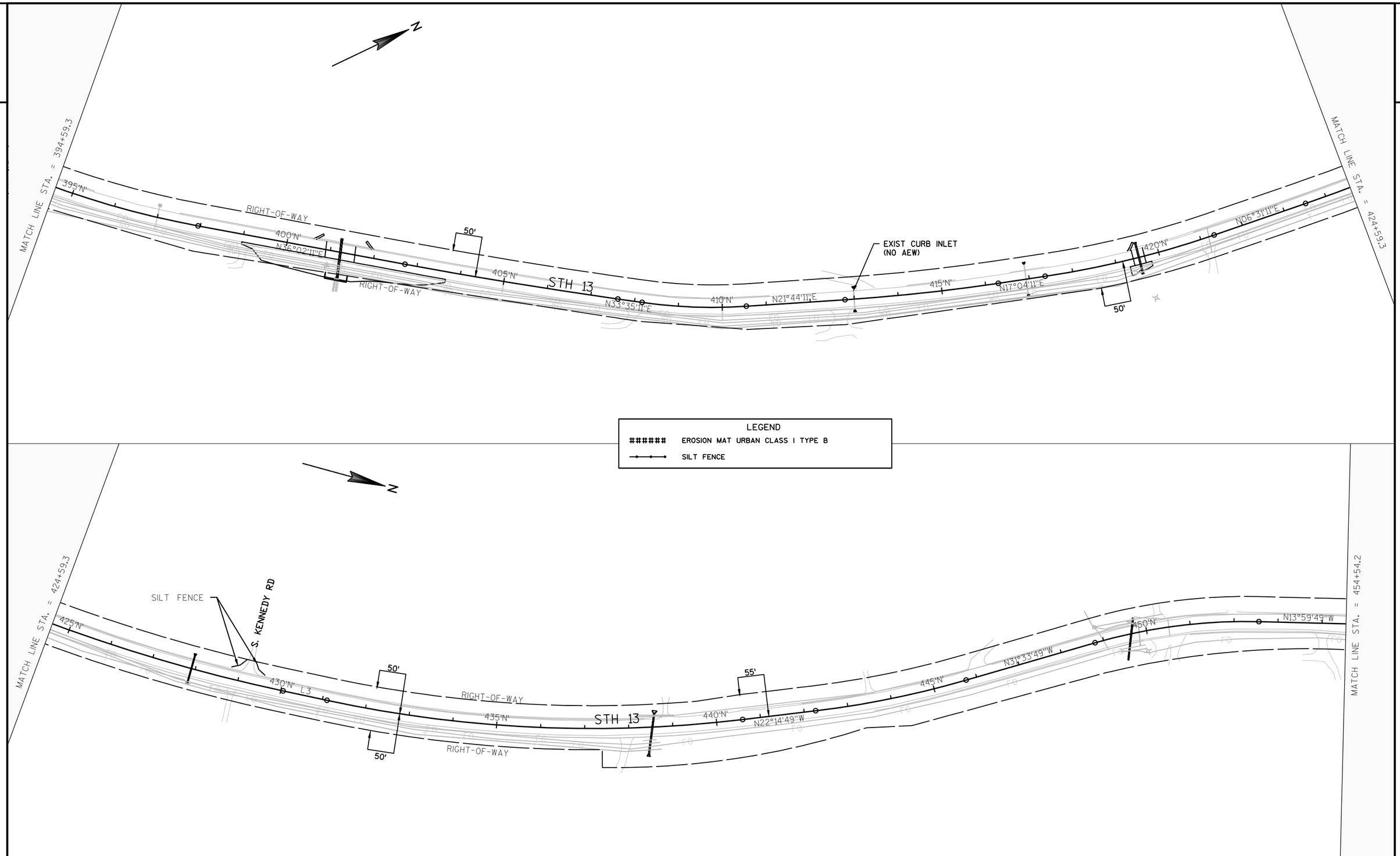
PLOT DATE : 2/22/2016 8:54 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-11
PLOT DATE : 2/22/2016 8:54 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-13
PLOT DATE : 2/22/2016 8:55 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

EXCEPTION TO NET ℄ LENGTH
STA. 470+71.9'N' - STA. 472+30.6'N'
STRUCTURE B-4-009 (PIKES CREEK)

N

SKI HILL RD

55'

460'N'

STH. 13

465'N'

N20°24'11"E

470'N'

65'

55'

MILLIGAN RD

HATCHERY RD

50'

RIGHT-OF-WAY

480'N'

N32°41'11"E

485'N'

RIGHT-OF-WAY

455'N'

MATCH LINE STA. = 454+54.2

MATCH LINE STA. = 485+46.8

LEGEND

EROSION MAT URBAN CLASS I TYPE B

SILT FENCE

N

MATCH LINE STA. = 485+49.8

N32°41'11"E

50'

490'N'

RIGHT-OF-WAY

65'

60'

495'N'

PORT SUPERIOR RD

500'N'

STH 13

80'

505'N'

N56°05'11"E

70'

62'

510'N'

BAYVIEW RD

60'

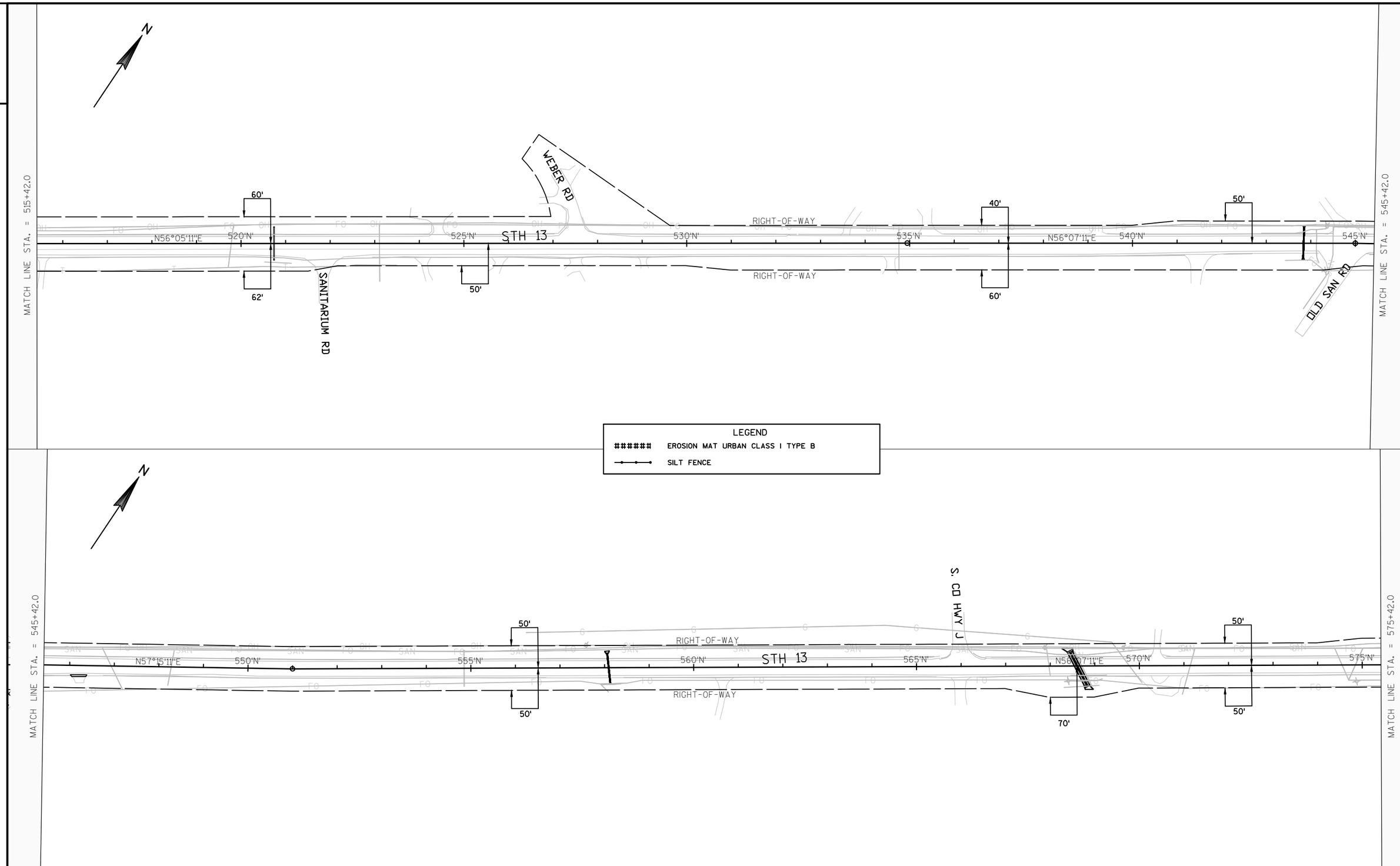
515'N'

MATCH LINE STA. = 515+42.0

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-15

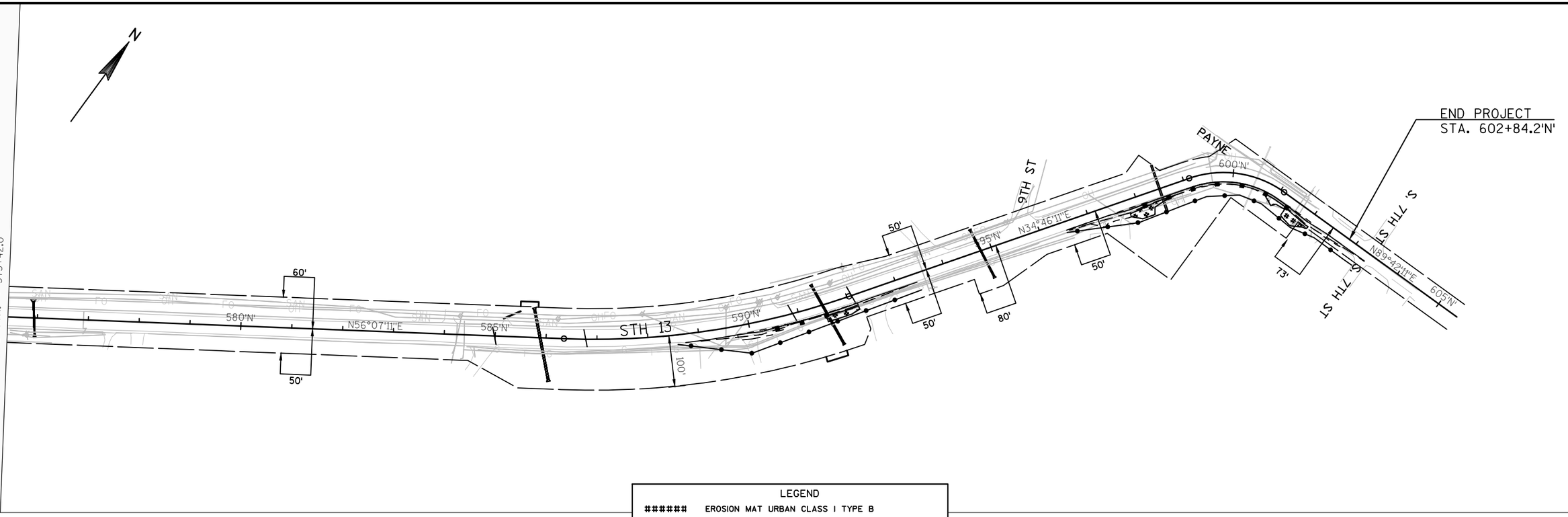
PLOT DATE : 2/22/2016 8:55 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT



PROJECT NO:8160-03-70	HWY:STH 13	COUNTY:BAYFIELD	EROSION CONTROL	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG PLOT DATE : 2/22/2016 8:56 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-17

2



LEGEND

EROSION MAT URBAN CLASS I TYPE B

SILT FENCE

2

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	EROSION CONTROL	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\022001_EC_STH13.DWG PLOT DATE : 2/22/2016 8:56 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:200 FT
LAYOUT NAME - 022001_EC_STH13 - STH13_PN-19

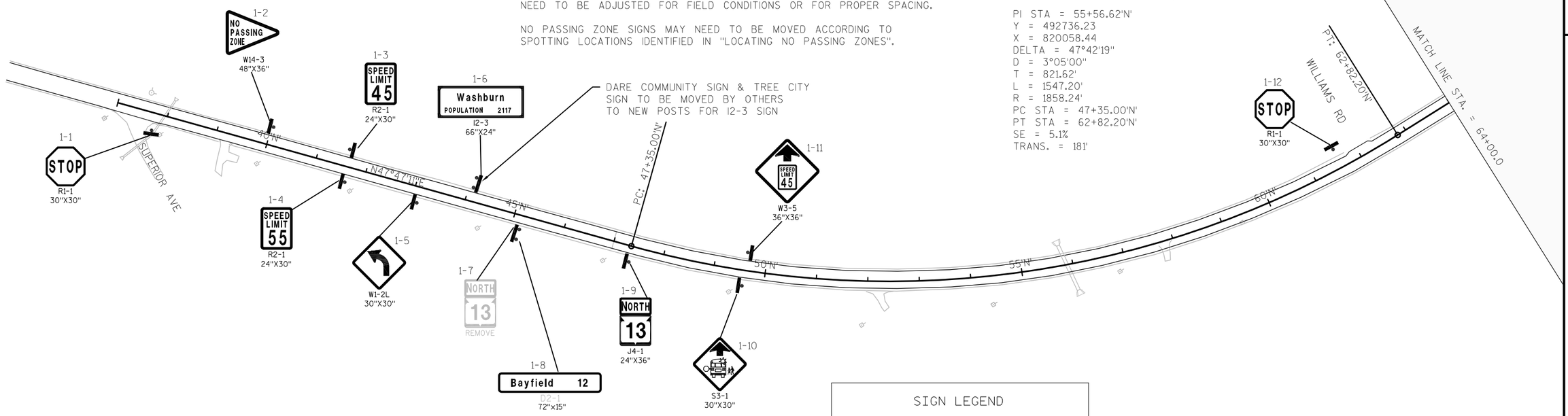
NOTES:

SIGNS REMOVED AND REPLACED AT THE SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN IDENTIFICATION NUMBER.

SIGN LOCATIONS SHOWN ON THIS SHEET ARE APPROXIMATE AND MAY NEED TO BE ADJUSTED FOR FIELD CONDITIONS OR FOR PROPER SPACING.

NO PASSING ZONE SIGNS MAY NEED TO BE MOVED ACCORDING TO SPOTTING LOCATIONS IDENTIFIED IN "LOCATING NO PASSING ZONES".

PI STA = 55+56.62'N'
Y = 492736.23
X = 820058.44
DELTA = 47°42'19"
D = 3°05'00"
T = 821.62'
L = 1547.20'
R = 1858.24'
PC STA = 47+35.00'N'
PT STA = 62+82.20'N'
SE = 5.1%
TRANS. = 181'

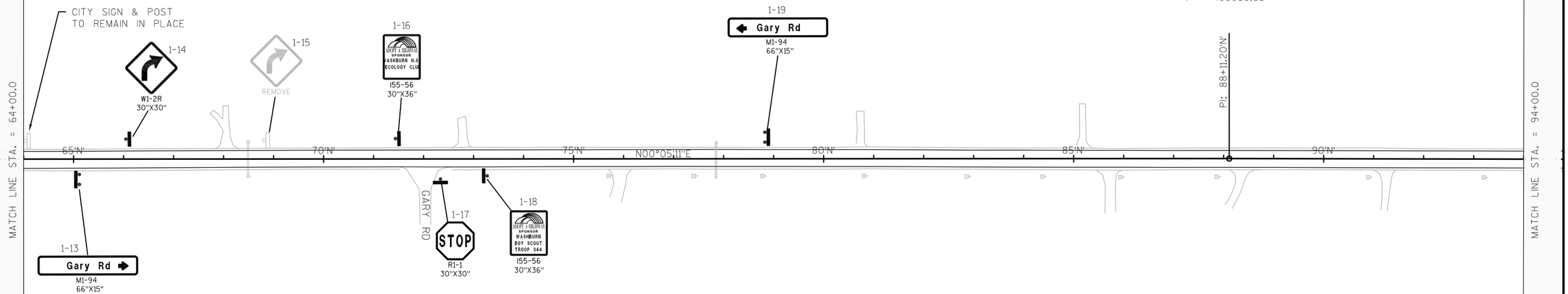


SIGN LEGEND

EXISTING SIGN ON WOOD POST(S)

PROPOSED SIGN ON WOOD POST(S)

PI STA. 88+11.20
X = 820063.41
Y = 496086.85



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET	E

NOTES:

SIGNS REMOVED AND REPLACED AT THE SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN IDENTIFICATION NUMBER.

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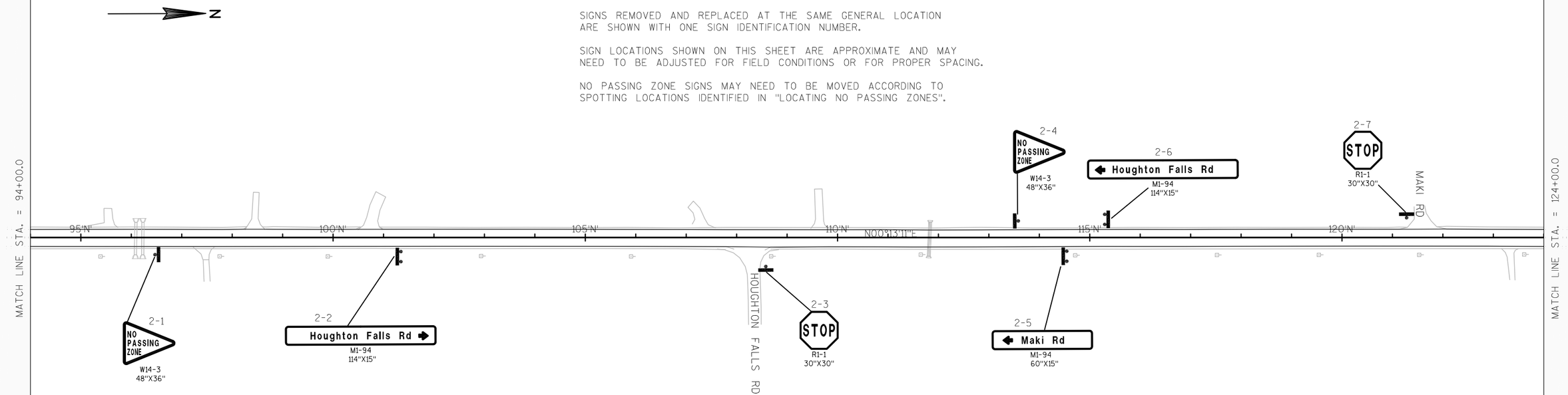
NO PASSING ZONE SIGNS MAY NEED TO BE MOVED ACCORDING TO SPOTTING LOCATIONS IDENTIFIED IN "LOCATING NO PASSING ZONES".

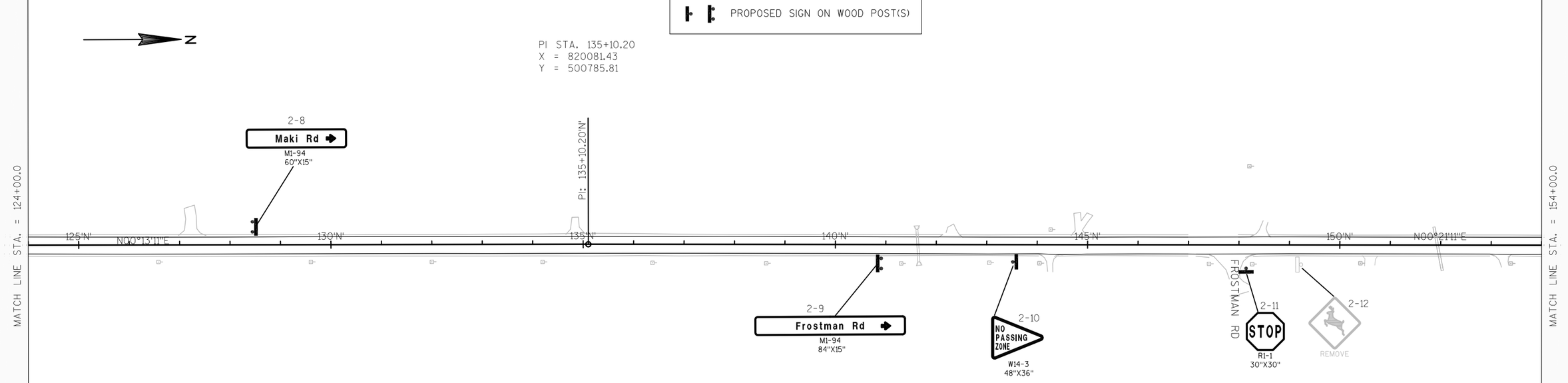


SIGN LEGEND

EXISTING SIGN ON WOOD POST(S)

PROPOSED SIGN ON WOOD POST(S)

PI STA. 135+10.20
X = 820081.43
Y = 500785.81



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET	E

NOTES:

SIGNS REMOVED AND REPLACED AT THE SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN IDENTIFICATION NUMBER.

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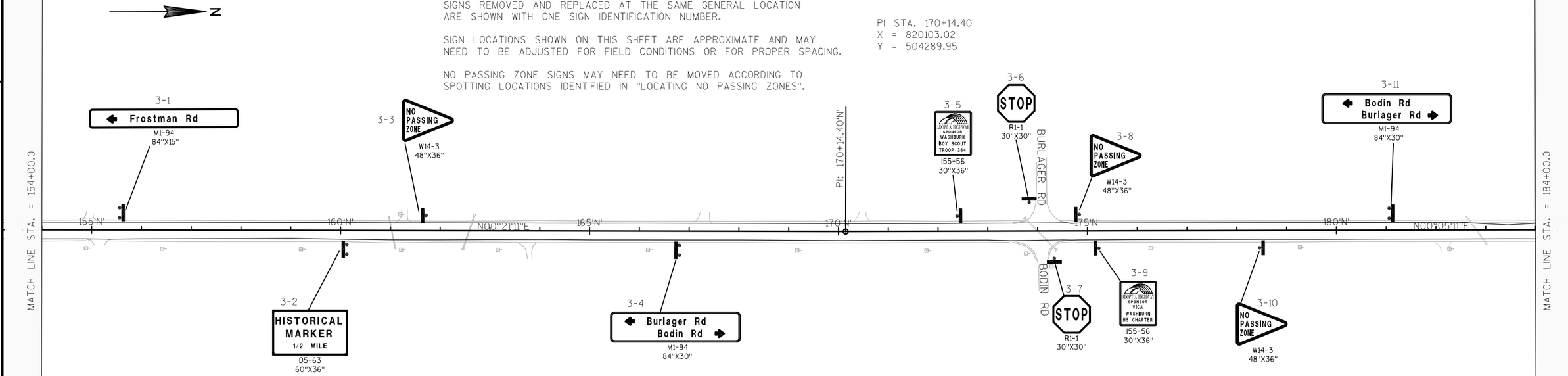
PI STA. 170+14.40
X = 820103.02
Y = 504289.95

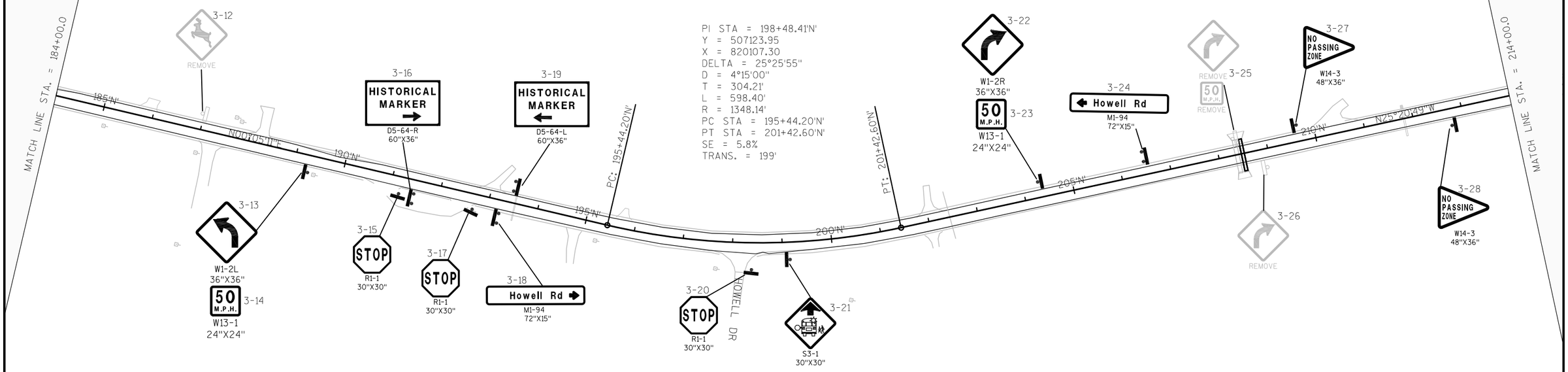


SIGN LEGEND

EXISTING SIGN ON WOOD POST(S)

PROPOSED SIGN ON WOOD POST(S)

PI STA = 198+48.41'N'
Y = 507123.95
X = 820107.30
DELTA = 25°25'55"
D = 4°15'00"
T = 304.21'
L = 598.40'
R = 1348.14'
PC STA = 195+44.20'N'
PT STA = 201+42.60'N'
SE = 5.8%
TRANS. = 199'



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET	E

NOTES:

SIGNS REMOVED AND REPLACED AT THE SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN IDENTIFICATION NUMBER.

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N

MATCH LINE STA. = 214+00.0

PC: 214+51.30'N'

PT: 221+49.60'N'

MATCH LINE STA. = 244+00.6

215'N' 220'N' 225'N' 230'N' N16°36'49"W 235'N' 240'N'

4-1 HISTORICAL MARKER 1/2 MILE D5-63 60"X36"

4-2 NO PASSING ZONE W14-3 48"X36"

STA BACK = 232+94.41'N'

STA AHEAD = 232+95.00'N'

4-3 Friendly Valley Rd M1-94 102"X24"

PI STA = 218+01.13'N'
Y = 508897.75
X = 819267.06
DELTA = 8°43'44"
D = 1°15'00"
T = 349.83'
L = 698.30'
R = 4583.66'
PC STA = 214+51.30'N'
PT STA = 221+49.60'N'
SE = 2.8%
TRANS. = 122'

SIGN LEGEND

EXISTING SIGN ON WOOD POST(S)

PROPOSED SIGN ON WOOD POST(S)

PI STA = 253+64.90'N'
Y = 512313.47
X = 818247.87
DELTA = 5°48'12"
D = 0°50'00"
T = 348.50'
L = 696.40'
R = 6875.49'
PC STA = 250+16.40'N'
PT STA = 257+12.80'N'
SE = 2.0%
TRANS. = 102'

MATCH LINE STA. = 244+00.6

MATCH LINE STA. = 274+00.6

245'N' N16°36'49"W 250'N' 255'N' 260'N' 265'N' N22°24'49"W 270'N'

PC: 250+16.40'N'

PT: 257+12.80'N'

FRIENDLY VALLEY RD

KJARVICK RD

4-4 NORTH 13 J4-1 24"X36"

4-5 SOUTH 13 J4-1 24"X36"

4-6 STOP R1-1 30"X30"

4-7 STOP R1-1 30"X30"

4-8 Kjarvick Rd M1-94 84"X15"

4-9 ADOPT A HIGHWAY SPONSOR YICA WASHBURN HS CHAPTER I55-56 30"X36"

4-10 Friendly Valley Rd M1-94 102"X24"

4-11 ADOPT A HIGHWAY SPONSOR SPINDRIFT CREW I55-56 30"X36"

4-12 STOP R1-1 30"X30"

4-13 Kjarvick Rd M1-94 84"X15"

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET	E

NOTES:

SIGNS REMOVED AND REPLACED AT THE SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN IDENTIFICATION NUMBER.

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2

MATCH LINE STA. = 274+00.6

MATCH LINE STA. = 304+00.6

2

275'N 280'N 285'N N22°24'49"W 290'N 295'N 300'N

5-1
Bayview Park Rd
M1-94
108"X15"

5-2
STOP
R1-1
30"X30"

BAYVIEW PARK RD

5-3
Bayview Park Rd
M1-94
108"X15"

SIGN LEGEND

EXISTING SIGN ON WOOD POST(S)

PROPOSED SIGN ON WOOD POST(S)

5-4
McCulloch Rd
M1-94
90"X15"

5-5
PASSING LANE AHEAD 1/2 MILE
R4-51
36"X48"

5-6
NO PASSING ZONE
W14-3
48"X36"

5-7
SPONSOR APOSTLE ISLANDS REALTY
I55-56
30"X36"

5-8
SPONSOR SPINDRIFT CREW
I55-56
30"X36"

5-9
STOP
R1-1
30"X30"

MCCULLOCH RD

5-10
W1-2R
30"X30"

5-11
S3-1
30"X30"

5-12
McCulloch Rd
M1-94
90"X15"

5-13
W5-52R
12"X36"

5-14
W5-52L
12"X36"

5-15
W5-52R
12"X36"

5-16
W5-52L
12"X36"

5-17
SLOWER TRAFFIC KEEP RIGHT
R4-3
36"X48"

N22°24'49"W 310'N 315'N 320'N 325'N 330'N

PC: 316+47.50'N

PT: 334+47.20'N

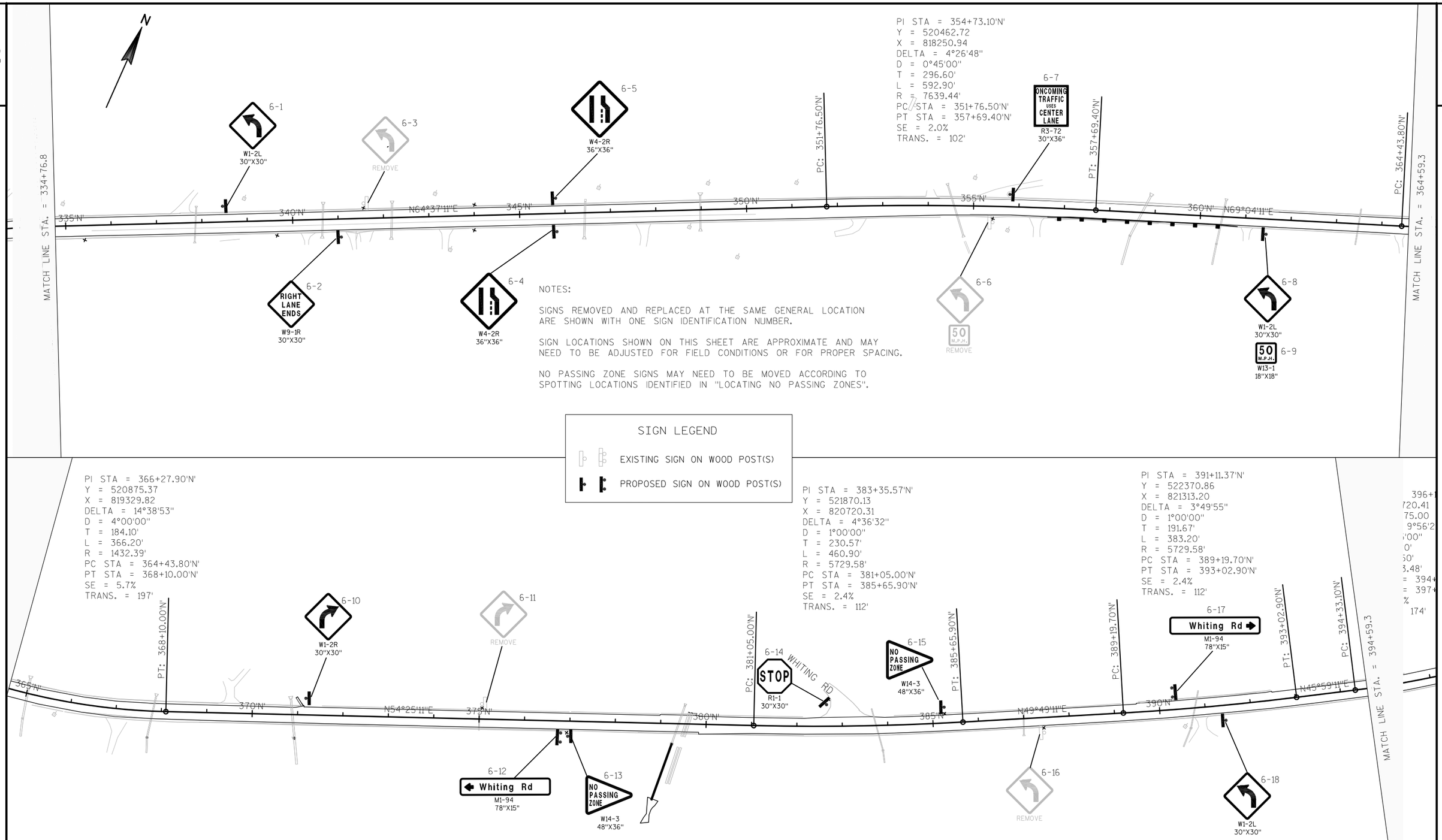
PI STA = 327+35.85'N
Y = 519128.13
X = 815437.16
DELTA = 87°02'53"
D = 5°00'00"
T = 1088.35'
L = 1740.96'
R = 1145.92'
PC STA = 316+47.50'N
PT STA = 334+47.20'N
SE = 6.0%
TRANS. = 204'

STA BACK = 333+88.46'N
STA AHEAD = 334+47.20'N

MATCH LINE STA. = 334+76.8

MATCH LINE STA. = 304+00.6

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET	E



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\023201_PS_STH13.DWG
LAYOUT NAME - 023201_PS_STH13 - STH13_PN-11
PLOT DATE : 6/2/2016 3:43 PM
PLOT BY : USER
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

PI STA = 396+14.30'N'
Y = 522720.41
X = 821675.00
DELTA = 9°56'28"
D = 2°45'00"
T = 181.20'
L = 361.50'
R = 2083.48'
PC STA = 394+33.10'N'
PT STA = 397+94.60'N'
SE = 4.8%
TRANS. = 174'

PI STA = 405+17.19'N'
Y = 523451.24
X = 822206.72
DELTA = 2°26'58"
D = 0°30'00"
T = 244.99'
L = 489.90'
R = 11459.16'
PC STA = 402+72.20'N'
PT STA = 407+62.10'N'
SE = NORMAL CROWN

PI STA = 409+36.73'N'
Y = 523800.80
X = 822438.85
DELTA = 11°51'36"
D = 5°00'00"
T = 119.03'
L = 237.20'
R = 1145.92'
PC STA = 408+17.70'N'
PT STA = 410+54.90'N'
SE = 6.0%
TRANS. = 204'

PI STA = 414+54.35'N'
Y = 524282.41
X = 822630.84
DELTA = 4°39'55"
D = 1°20'00"
T = 175.05'
L = 349.90'
R = 4297.18'
PC STA = 412+79.30'N'
PT STA = 416+29.20'N'
SE = 3.0%
TRANS. = 128'

PI STA = 419+35.11'N'
Y = 524742.18
X = 822772.02
DELTA = 10°32'29"
D = 2°40'00"
T = 198.21'
L = 395.30'
R = 2148.59'
PC STA = 417+36.90'N'
PT STA = 421+32.20'N'
SE = 4.7%
TRANS. = 171'

MATCH LINE STA. = 394+59.3

395'N'

PT: 397+94.60'N'

7-1
W1-2R
30"X30"

400'N'

N36°02'11"E

PC: 402+72.20'N'

405'N'

7-2
W1-2L
30"X30"

7-3
S3-1
30"X30"

PT: 407+62.10'N'

PC: 408+17.70'N'

N33°35'11"E

PT: 410+54.90'N'

410'N'

N21°44'11"E

PC: 412+79.30'N'

415'N'

PT: 416+29.20'N'

N17°04'11"E

PC: 417+36.90'N'

420'N'

PT: 421+32.20'N'

7-4
S3-1
30"X30"

N06°31'11"E

PC: 423+52.00'N'

MATCH LINE STA. = 424+59.3

NOTES:

SIGNS REMOVED AND REPLACED AT THE SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN IDENTIFICATION NUMBER.

SIGN LOCATIONS SHOWN ON THIS SHEET ARE APPROXIMATE AND MAY NEED TO BE ADJUSTED FOR FIELD CONDITIONS OR FOR PROPER SPACING.

NO PASSING ZONE SIGNS MAY NEED TO BE MOVED ACCORDING TO SPOTTING LOCATIONS IDENTIFIED IN "LOCATING NO PASSING ZONES".

SIGN LEGEND

EXISTING SIGN ON WOOD POST(S)

PROPOSED SIGN ON WOOD POST(S)

PI STA = 426+79.50'N'
Y = 525482.86
X = 822856.70
DELTA = 9°48'04"
D = 1°30'00"
T = 327.50'
L = 653.40'
R = 3819.72'
PC STA = 423+52.00'N'
PT STA = 430+08.70'N'
SE = 3.3%
TRANS. = 135'

PI STA = 435+89.58'N'
Y = 526389.76
X = 822804.72
DELTA = 18°58'34"
D = 2°00'00"
T = 478.78'
L = 948.80'
R = 2864.79'
PC STA = 431+10.80'N'
PT STA = 440+59.60'N'
SE = 4.0%
TRANS. = 153'

PI STA = 444+01.39'N'
Y = 527149.22
X = 822493.98
DELTA = 9°18'43"
D = 2°40'00"
T = 174.99'
L = 349.20'
R = 2148.59'
PC STA = 442+26.40'N'
PT STA = 445+75.60'N'
SE = 4.7%
TRANS. = 171'

MATCH LINE STA. = 424+59.3

425'N'

7-6
155-56
30"X36"

7-7
STOP
R1-1
30"X30"

S. KENNEDY RD

PT: 430+08.70'N'

PC: 431+10.80'N'

430'N'

L3

435'N'

7-5
PASSING LANE AHEAD 1 MILE
R4-51
36"X48"

7-8
155-56
30"X36"

STA BACK = 430+05.40'N'
STA AHEAD = 430+08.70'N'

PT: 440+59.60'N'

PC: 442+26.40'N'

440'N'

N22°14'49"W

PT: 445+75.60'N'

445'N'

7-9
W1-2R
30"X30"

7-10
50 M.P.H.
W13-1
18"X18"

7-11
W1-2R
30"X30"

PC: 448+80.20'N'

450'N'

N13°59'49"W

PT: 452+56.60'N'

7-12
Ski Hill Rd
M1-94
78"X15"

7-13
Bayfield Fish Hatchery 1/2 MILE
66"X36"

PI STA = 450+69.89'N'
Y = 527719.48
X = 822143.66
DELTA = 17°33'55"
D = 4°40'00"
T = 189.69'
L = 376.40'
R = 1227.77'
PC STA = 448+80.20'N'
PT STA = 452+56.60'N'
SE = 6.0%
TRANS. = 204'

7-14
PASSING LANE AHEAD 1/2 MILE
R4-51
36"X48"

MATCH LINE STA. = 454+54.2

NOTES:

SIGNS REMOVED AND REPLACED AT THE SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN IDENTIFICATION NUMBER.

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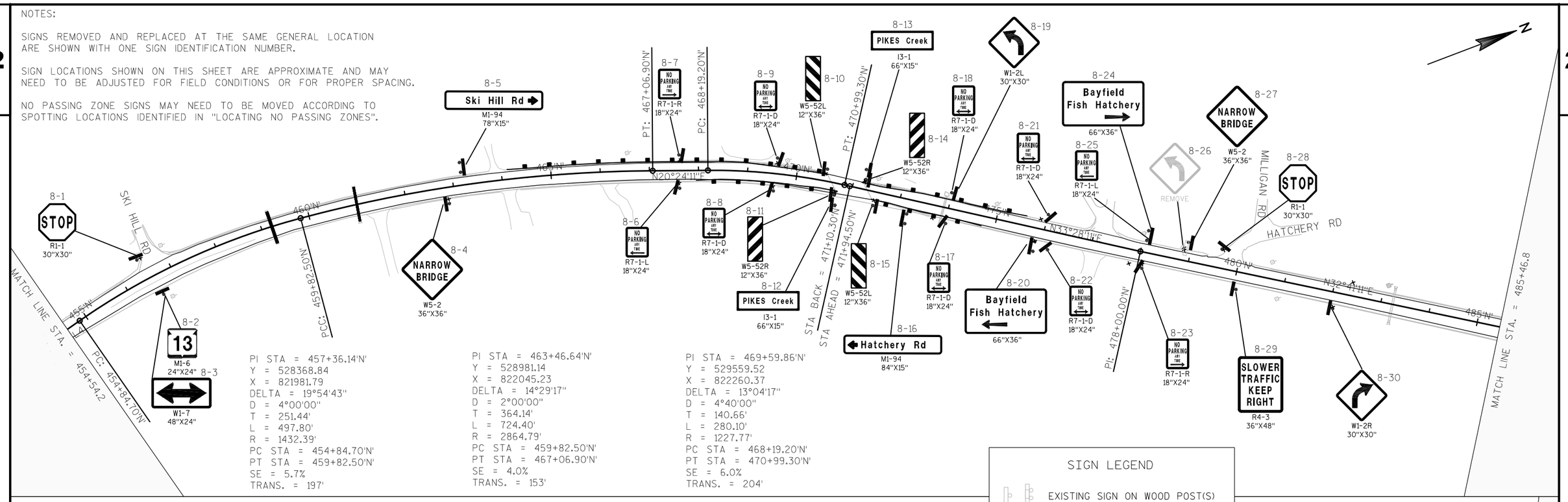
NO PASSING ZONE SIGNS MAY NEED TO BE MOVED ACCORDING TO SPOTTING LOCATIONS IDENTIFIED IN "LOCATING NO PASSING ZONES".



PI STA = 457+36.14'N'
Y = 528368.84
X = 821981.79
DELTA = 19°54'43"
D = 4°00'00"
T = 251.44'
L = 497.80'
R = 1432.39'
PC STA = 454+84.70'N'
PT STA = 459+82.50'N'
SE = 5.7%
TRANS. = 197'

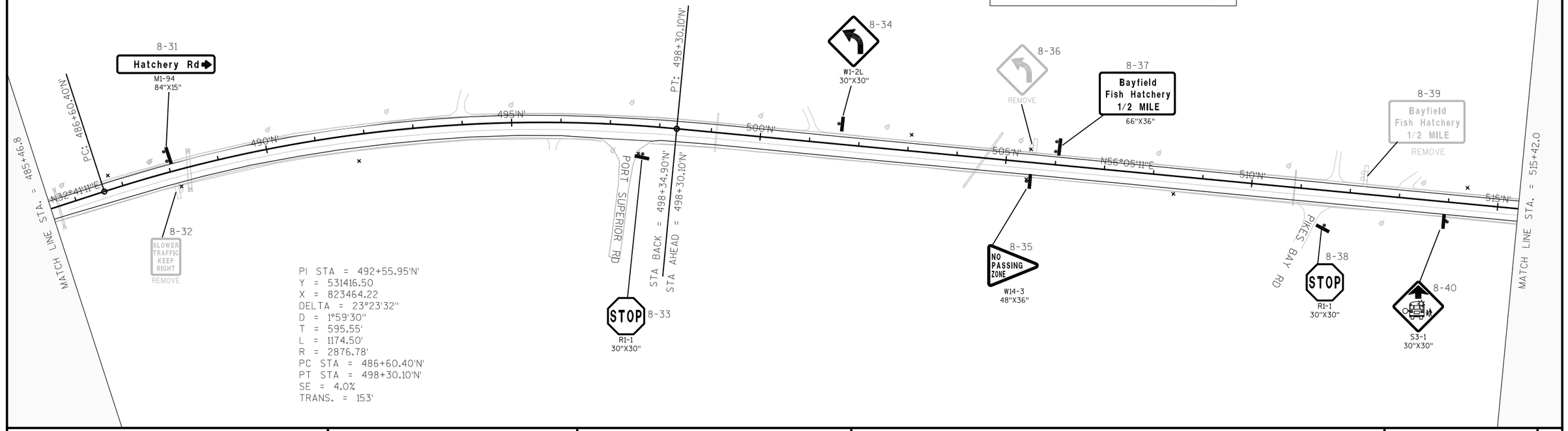
PI STA = 463+46.64'N'
Y = 528981.14
X = 822045.23
DELTA = 14°29'17"
D = 2°00'00"
T = 364.14'
L = 724.40'
R = 2864.79'
PC STA = 459+82.50'N'
PT STA = 467+06.90'N'
SE = 4.0%
TRANS. = 153'

PI STA = 469+59.86'N'
Y = 529559.52
X = 822260.37
DELTA = 13°04'17"
D = 4°40'00"
T = 140.66'
L = 280.10'
R = 1227.77'
PC STA = 468+19.20'N'
PT STA = 470+99.30'N'
SE = 6.0%
TRANS. = 204'

SIGN LEGEND

EXISTING SIGN ON WOOD POST(S)

PROPOSED SIGN ON WOOD POST(S)



PI STA = 492+55.95'N'
Y = 531416.50
X = 823464.22
DELTA = 23°23'32"
D = 1°59'30"
T = 595.55'
L = 1174.50'
R = 2876.78'
PC STA = 486+60.40'N'
PT STA = 498+30.10'N'
SE = 4.0%
TRANS. = 153'

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET	E

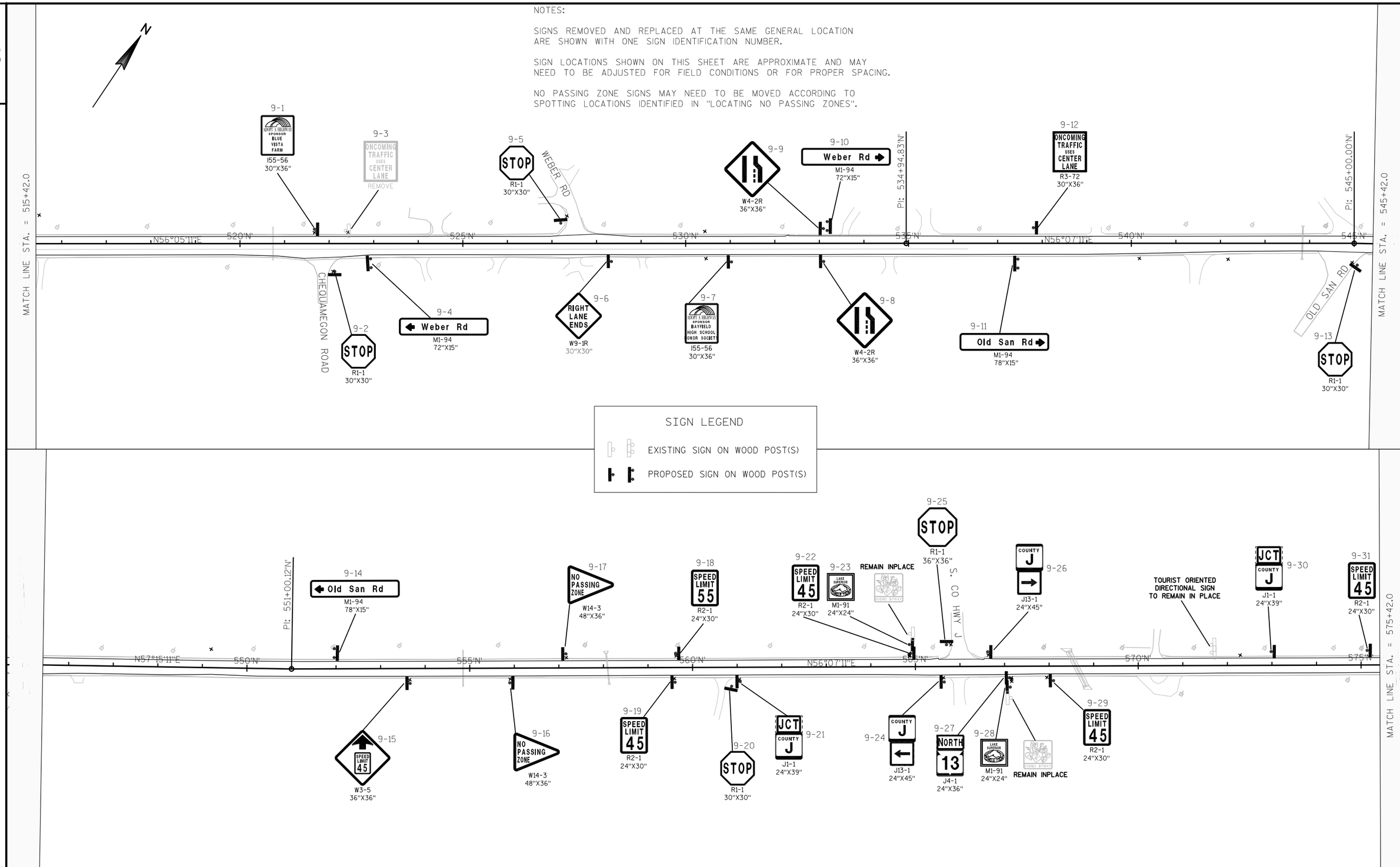
2

NOTES:

SIGNS REMOVED AND REPLACED AT THE SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN IDENTIFICATION NUMBER.

SIGN LOCATIONS SHOWN ON THIS SHEET ARE APPROXIMATE AND MAY NEED TO BE ADJUSTED FOR FIELD CONDITIONS OR FOR PROPER SPACING.

NO PASSING ZONE SIGNS MAY NEED TO BE MOVED ACCORDING TO SPOTTING LOCATIONS IDENTIFIED IN "LOCATING NO PASSING ZONES".



SIGN LEGEND

EXISTING SIGN ON WOOD POST(S)

PROPOSED SIGN ON WOOD POST(S)

PROJECT NO:8160-03-70	HWY:STH 13	COUNTY:BAYFIELD	PERMANENT SIGNING	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\023201_PS_STH13.DWG PLOT DATE : 6/2/2016 3:44 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:200 FT

LAYOUT NAME - 023201_PS_STH13 - STH13_PN-17

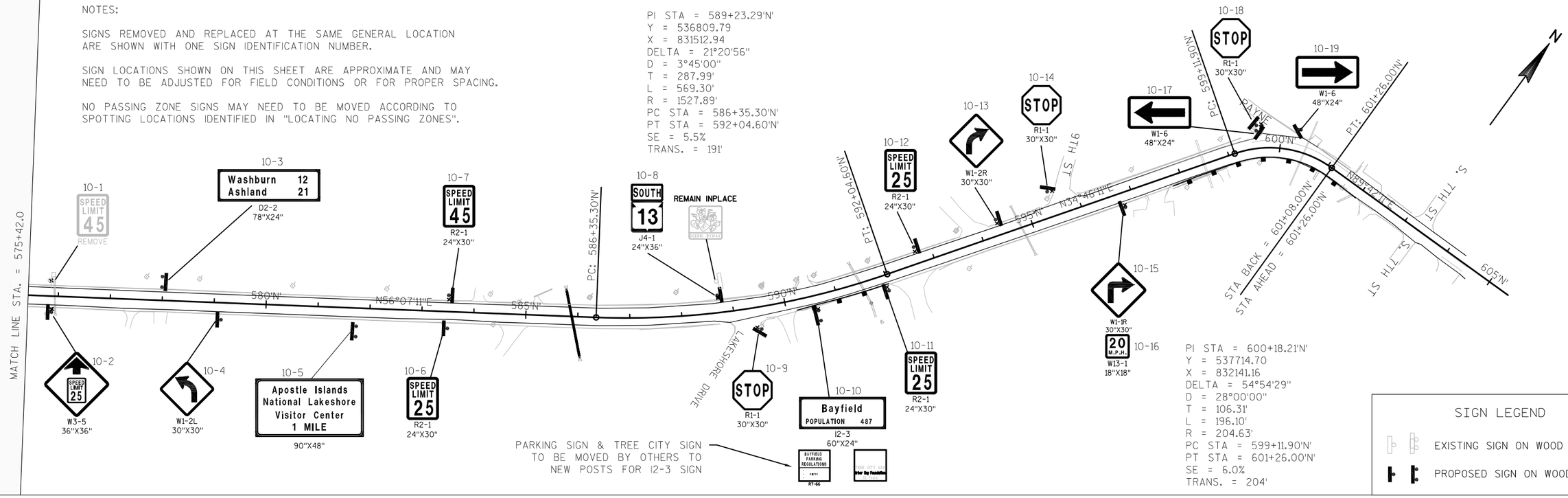
NOTES:

SIGNS REMOVED AND REPLACED AT THE SAME GENERAL LOCATION ARE SHOWN WITH ONE SIGN IDENTIFICATION NUMBER.

SIGN LOCATIONS SHOWN ON THIS SHEET ARE APPROXIMATE AND MAY NEED TO BE ADJUSTED FOR FIELD CONDITIONS OR FOR PROPER SPACING.

NO PASSING ZONE SIGNS MAY NEED TO BE MOVED ACCORDING TO SPOTTING LOCATIONS IDENTIFIED IN "LOCATING NO PASSING ZONES".

PI STA = 589+23.29'N'
Y = 536809.79
X = 831512.94
DELTA = 21°20'56"
D = 3°45'00"
T = 287.99'
L = 569.30'
R = 1527.89'
PC STA = 586+35.30'N'
PT STA = 592+04.60'N'
SE = 5.5%
TRANS. = 191'



PI STA = 600+18.21'N'
Y = 537714.70
X = 832141.16
DELTA = 54°54'29"
D = 28°00'00"
T = 106.31'
L = 196.10'
R = 204.63'
PC STA = 599+11.90'N'
PT STA = 601+26.00'N'
SE = 6.0%
TRANS. = 204'

SIGN LEGEND

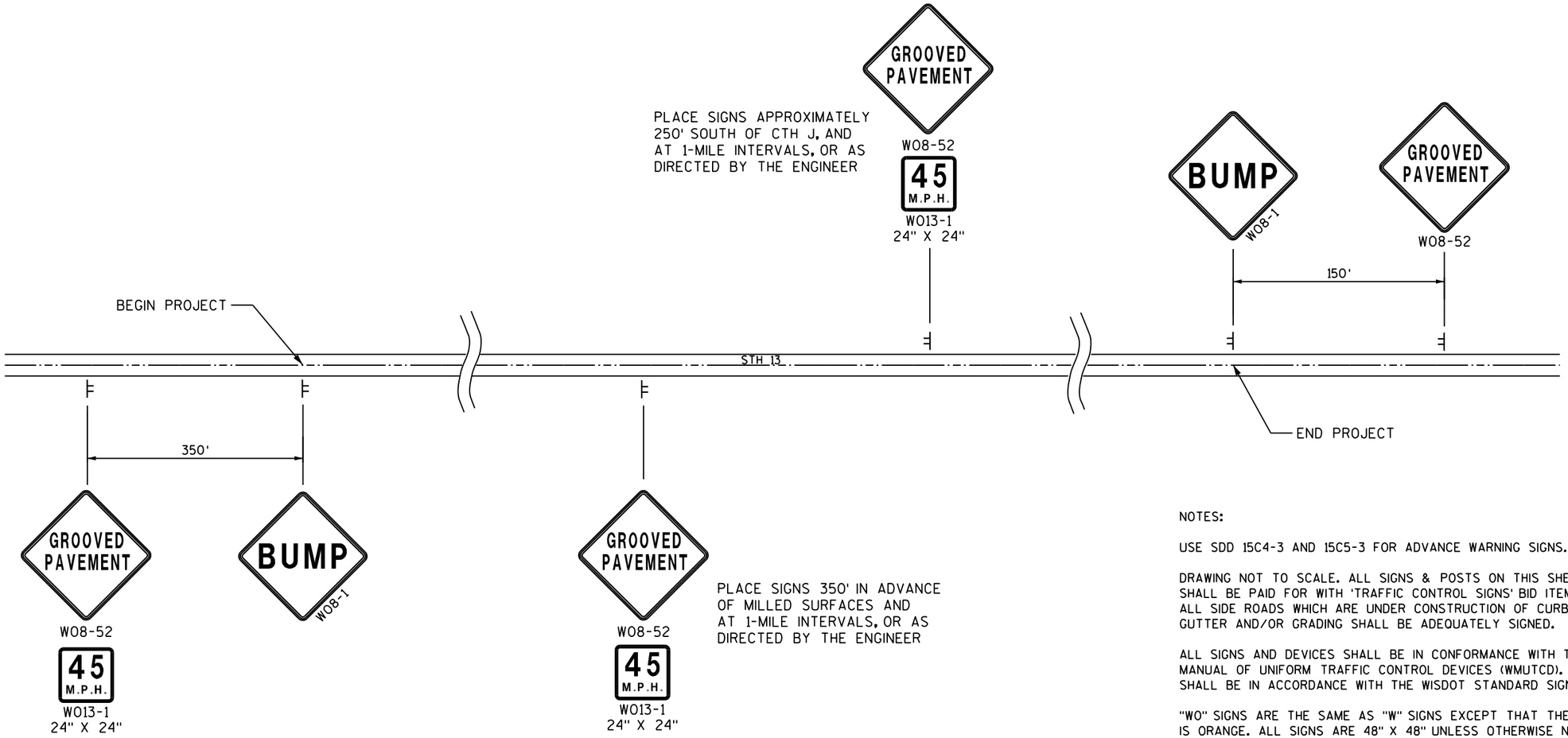
EXISTING SIGN ON WOOD POST(S)

PROPOSED SIGN ON WOOD POST(S)

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\023201_PS_STH13.DWG
LAYOUT NAME - 023201_PS_STH13 - STH13_PN-19
PLOT DATE : 6/2/2016 3:44 PM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



NOTES:

USE SDD 15C4-3 AND 15C5-3 FOR ADVANCE WARNING SIGNS.

DRAWING NOT TO SCALE. ALL SIGNS & POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB & GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

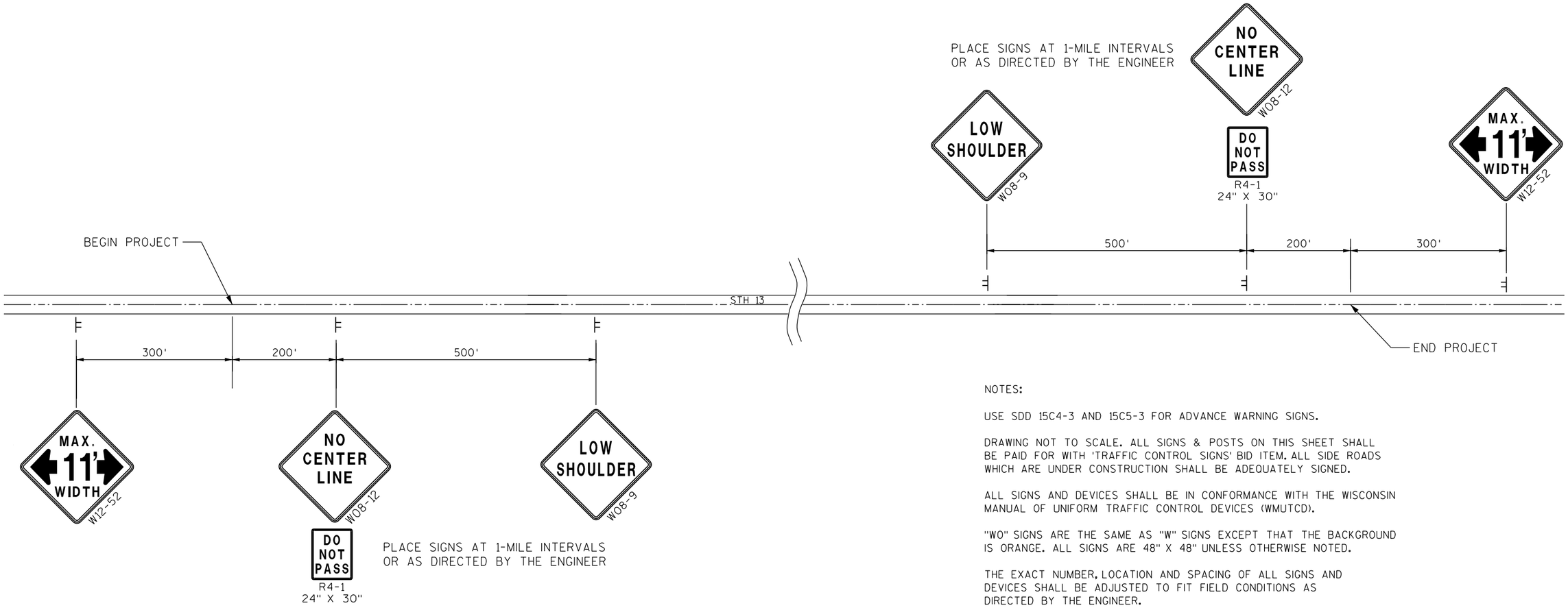
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE NEXT DETAIL SHEET FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MARKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

DETAIL FOR SIGNING ON MAINLINE MILLED SURFACES

2



PLACE SIGNS AT 1-MILE INTERVALS
OR AS DIRECTED BY THE ENGINEER

NOTES:

USE SDD 15C4-3 AND 15C5-3 FOR ADVANCE WARNING SIGNS.

DRAWING NOT TO SCALE. ALL SIGNS & POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

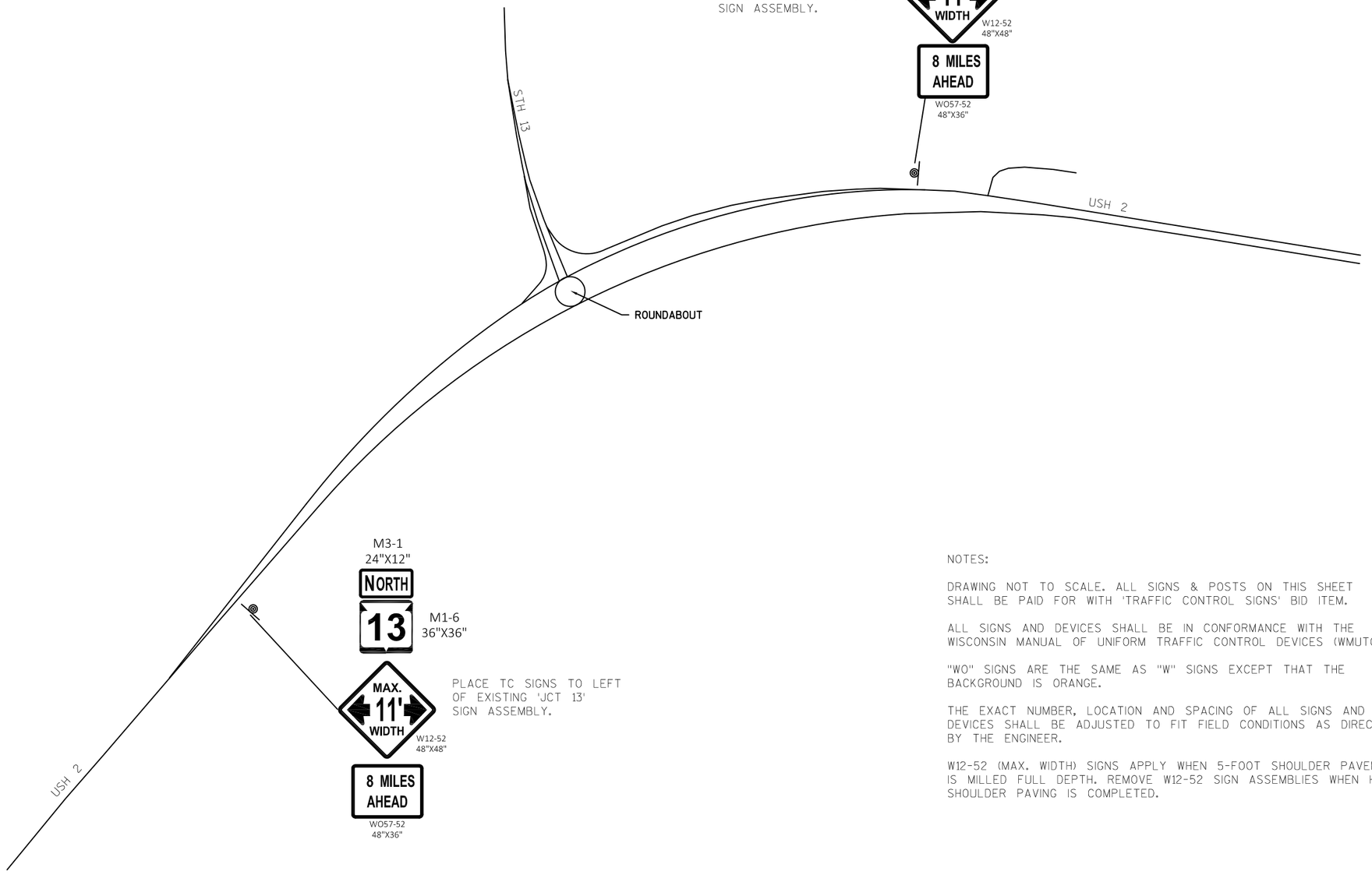
REMOVE OR COVER W08-12 AND R4-1 SIGNS IMMEDIATELY FOLLOWING PLACEMENT OF TEMPORARY OR SAME-DAY PAVEMENT MARKINGS.

W12-52 (MAX. WIDTH) SIGNS APPLY WHEN 5-FOOT SHOULDER PAVEMENT IS MILLED FULL DEPTH. REMOVE W12-52 AND W08-9 SIGNS WHEN HMA SHOULDER PAVING IS COMPLETED.

DETAIL FOR SIGNING DURING SHOULDER WORK

2

N



NOTES:

DRAWING NOT TO SCALE. ALL SIGNS & POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM.

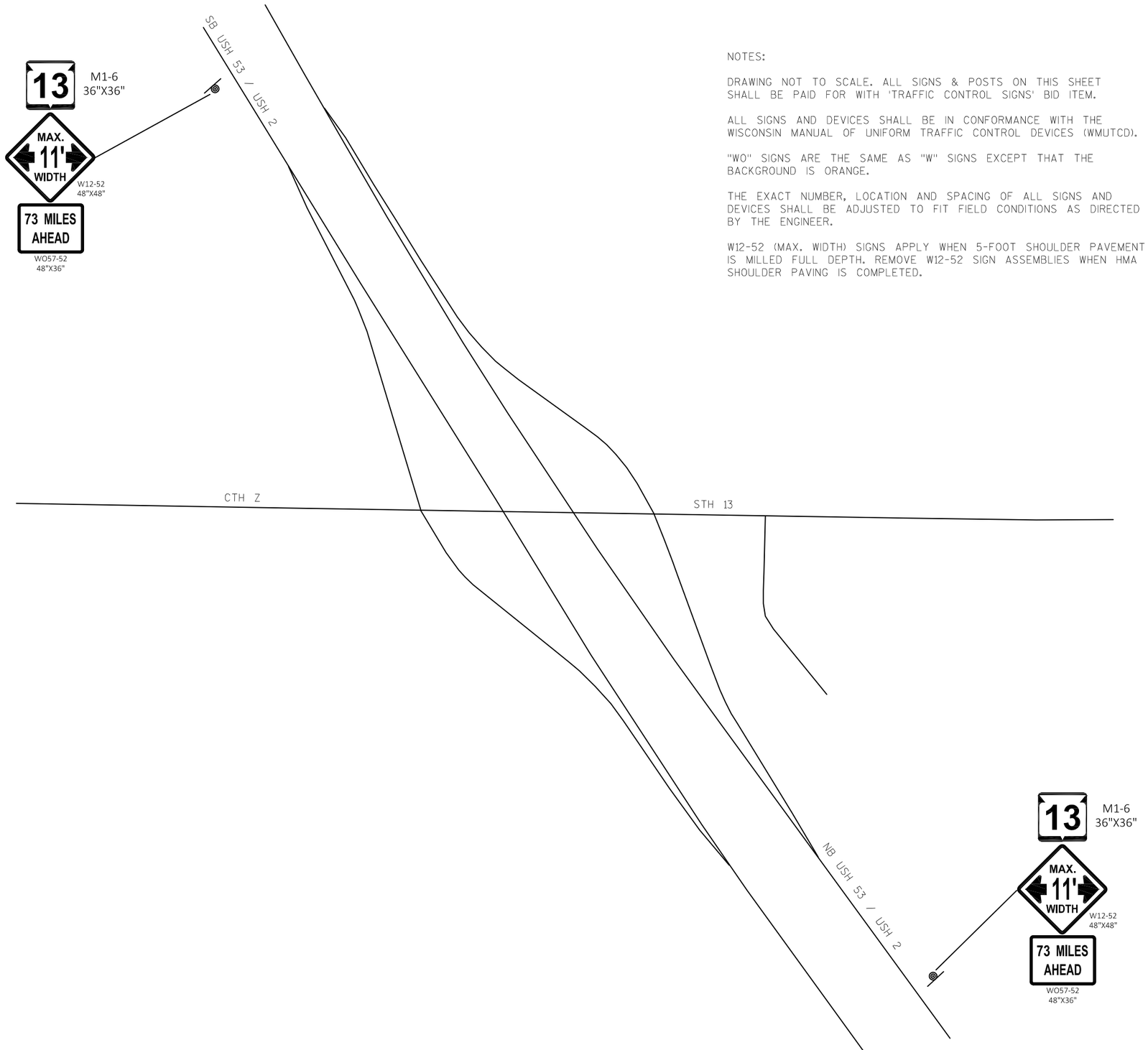
ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

W12-52 (MAX. WIDTH) SIGNS APPLY WHEN 5-FOOT SHOULDER PAVEMENT IS MILLED FULL DEPTH. REMOVE W12-52 SIGN ASSEMBLIES WHEN HMA SHOULDER PAVING IS COMPLETED.

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	TRAFFIC CONTROL ADVANCE SIGNING (SOUTH)	SHEET	E



NOTES:

DRAWING NOT TO SCALE. ALL SIGNS & POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD).

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

W12-52 (MAX. WIDTH) SIGNS APPLY WHEN 5-FOOT SHOULDER PAVEMENT IS MILLED FULL DEPTH. REMOVE W12-52 SIGN ASSEMBLIES WHEN HMA SHOULDER PAVING IS COMPLETED.

N

2

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	TRAFFIC CONTROL ADVANCE SIGNING (WEST)	SHEET	E

REMOVING ASPHALTIC SURFACE BUTT JOINTS

STATION	- STATION	LOCATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY
CAT. 0010			
37+00	- 37+50	STH 13	189
231+68	- 232+18	STH 13	189
233+74	- 234+24	STH 13	189
238+39	- 238+89	STH 13	189
240+46	- 240+96	STH 13	189
319+69	- 320+19	STH 13	189
321+03	- 321+53	STH 13	189
470+22	- 470+72	STH 13	189
472+31	- 472+81	STH 13	189
602+34	- 602+84	STH 13	189
		SUPERIOR AVE	27
		BURLAGER RD	26
		FRIENDLY VALLEY RD	27
		SKI HILL RD	29
		HATCHERY RD	27
		PORT SUPERIOR RD	34
		CHEQUAMEGON RD	26
		WEBER RD	30
		OLD SAN RD	30
		CTH J	33
		9TH ST	32
		PAYNE AVE	25
		TOTAL	2236

GRADING SHAPING AND FINISHING INTERSECTION

STATION	LOCATION	205.9015.S GRADING SHAPING AND FINISHING INTERSECTION 01. S. KENNEDY RD LS
CAT 0010		
429+20	STH 13 LT	1
	PROJECT TOTAL	1

PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

STATION	- STATION	LOCATION	211.0400 PREP. FOUNDATION FOR ASPHALTIC SHOULDERS STA
CAT. 0010			
37+00	- 228+04	13'N' RT & LT	383
228+04	- 230+04	13'N' LT	2
234+75	- 237+89	13'N' RT & LT	7
241+50	- 319+12	13'N' RT & LT	156
322+12	- 330+85	13'N' RT & LT	18
330+85	- 357+70	13'N' LT	27
357+70	- 470+72	13'N' RT & LT	227
472+31	- 479+00	13'N' RT & LT	14
479+00	- 544+00	13'N' LT	65
544+00	- 602+84	13'N' RT & LT	118
		TOTAL	1017

REMOVING ASPHALTIC SURFACE MILLING

STATION	- STATION	LOCATION	204.0120 REMOVING ASPHALTIC SURFACE MILLINIG SY
CAT. 0010			
37+50	- 602+34	STH 13	163251
		SUPERIOR AVE	152
		WILLIAMS RD	162
		GARY RD	237
		HOUGHTON FALLS RD	234
		MAKI RD	186
		FROSTMAN RD	187
		BURLAGER RD	169
		BODIN RD	192
		HOWELL DR	213
		SIOUX RIVER HEIGHTS RD	206
		FRIENDLY VALLEY RD W	205
		FRIENDLY VALLEY RD E	210
		KJARVICK RD	317
		BAYVIEW PARK RD	196
		MCCULLOCH RD	156
		WHITING RD	406
		CARRIER RD	84
		S. KENNEDY RD	84
		SKI HILL RD	238
		HATCHERY RD	146
		PORT SUPERIOR RD	278
		PIKES BAY RD	168
		CHEQUAMEGON RD	180
		WEBER RD	187
		OLD SAN RD	504
		CTH J	185
		LAKESHORE DR	206
		9TH ST	130
		PAYNE AVE	220
		TOTAL	169289

SHAPING SHOULDERS

STATION	- STATION	LOCATION		305.0500 SHAPING SHOULDERS STA
CAT. 0010				
37+00	- 228+40	STH 13	LT	192
250+00	- 371+13	STH 13	LT	122
379+00	- 379+89	STH 13	LT	1
382+14	384+14	STH 13	LT	2
389+19	393+35	STH 13	LT	5
395+48	397+48	STH 13	LT	2
411+12	- 414+22	STH 13	LT	4
415+38	417+50	STH 13	LT	3
419+26	439+68	STH 13	LT	21
422+00	- 439+00	STH 13	LT	17
440+56	- 466+64	STH 13	LT	27
476+78	- 532+50	STH 13	LT	56
535+01	- 599+50	STH 13	LT	65
37+00	- 231+26	STH 13	RT	195
246+24	- 355+44	STH 13	RT	110
362+01	- 466+66	STH 13	RT	105
475+92	- 589+75	STH 13	RT	114
592+16	- 596+57	STH 13	RT	5
		TOTAL		1046

ROADSIDE CLEARING

STATION	- STATION	LOCATION	202.0105 ROADSIDE CLEARING STA	CLEARING LIMITS LT	CLEARING LIMITS RT	EXIST. RW LT	EXIST. RW RT	COMMENT OR "INCLUDES... "
CAT 0010								
37+00	- 48+00	LT	11	45'		50'		LEFT SIDE ONLY
50+00	- 51+00	LT & RT	1	45'	45'	50'	50'	BOTH SIDES
53+00	- 57+00	LT & RT	4	45'	45'	50'	50'	BOTH SIDES
95+00	- 97+00	LT	2	45'		50'		LEFT SIDE ONLY
98+00	- 99+00	RT	1		45'		50'	RIGHT SIDE ONLY
101+00	- 107+00	LT	6	45'		61'		LEFT SIDE ONLY
118+00	- 122+00	LT	4	45'		50'		LEFT SIDE ONLY
140+00	- 161+00	LT	21	45'	45'	50'	50'	141+00 - 143+00 (RT)
167+00	- 169+00	LT	2	45'		50'		LEFT SIDE ONLY
185+00	- 188+00	LT	3	45'		50'		LEFT SIDE ONLY
195+00	- 196+00	LT	1	45'		50		LEFT SIDE ONLY
203+00	- 227+00	LT	24	45'	45'	60'	50'	206+00 - 207+00 (RT)
243+00	- 250+00	LT	7	45'		50'		LEFT SIDE ONLY
283+00	- 286+00	LT & RT	3	45'	36'	50'	41'	BOTH SIDES-REDUCED R/W RT
286+00	- 309+00	LT	23	45		50'		LEFT SIDE ONLY
360+00	- 376+00	RT	16	45'	45'	56'	65'	363+00 - 373+00 (LT)
377+00	- 424+00	LT	47	45'	42'	56'	47'	393+00 -424+00 (RT) *
424+00	- 429+00	RT	5		42'		47'	RIGHT SIDE ONLY
429+00	- 456+00	LT	27	45'	45'	50'	50'	442+00 - 448+00 (RT)
457+00	- 466+00	LT	9	45'		50'		LEFT SIDE ONLY
464+00	- 467+00	RT	3		35'		43'	RIGHT SIDE ONLY
496+00	- 499+00	LT	3	45'		60'		LEFT SIDE ONLY
502+00	- 510+00	RT	8		45'		60'	RIGHT SIDE ONLY
550+00	- 565+00	RT	15		45'		50'	RIGHT SIDE ONLY
568+00	- 570+00	RT	2		45'		50'	RIGHT SIDE ONLY
578+00	- 589+00	RT	11		45'		50'->50'	RIGHT SIDE ONLY
			10					UNDISTRIBUTED
	TOTAL		269					

* INTERMITTENT LOCATIONS

BASE AGGREGATE DENSE 1 1/4-INCH

STATION	- STATION	LOCATION		305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	COMMENTS
CAT. 0010					
53+02	- 57+52	STH 13	RT	33	BARRIER SYSTEM
205+83	- 210+00	STH 13	LT	31	BARRIER SYSTEM
206+00	- 211+00	STH 13	RT	31	BARRIER SYSTEM
228+40	- 250+00	STH 13	LT	55	BARRIER SYSTEM
231+26	- 246+24	STH 13	RT	119	BARRIER SYSTEM
355+44	- 362+01	STH 13	RT	41	BARRIER SYSTEM
429+00	- 450+06	STH 13	RT	18	BARRIER SYSTEM
464+10	- 476+78	STH 13	LT	41	BARRIER SYSTEM
466+66	- 475+92	STH 13	RT	37	BARRIER SYSTEM
585+01	- 588+77	STH 13	RT	20	BARRIER SYSTEM
589+75	- 592+16	STH 13	RT	23	BARRIER SYSTEM
597+65	- 602+10	STH 13	RT	47	BARRIER SYSTEM
429+20		S. KENNEDY RD APRON		48	ASPHALT APRON BASE
PROJECT		UNDISTRIBUTED		500	SHDR. PREPARATION
		TOTAL		1044	

BASE AGGREGATE DENSE 3/4-INCH

STATION	-	STATION	LOCATION		305.0110 * BASE AGGREGATE DENSE 3/4-INCH TON	COMMENTS
CAT. 0010						
37+00	-	206+00	STH 13	LT	751	SHDR. GRAVEL
205+83	-	210+00	STH 13	LT	21	BARRIER SYSTEM
210+00		228+40	STH 13	LT	82	SHDR. GRAVEL
228+40	-	250+00	STH 13	LT	42	BARRIER SYSTEM
250+00	-	371+13	STH 13	LT	538	SHDR. GRAVEL
391+00	-	398+00	STH 13	LT	31	SHDR. GRAVEL
422+00	-	439+00	STH 13	LT	76	SHDR. GRAVEL
440+50	-	466+64	STH 13	LT	116	SHDR. GRAVEL
466+64	-	476+78	STH 13	LT	18	BARRIER SYSTEM
476+78	-	532+31	STH 13	LT	247	SHDR. GRAVEL
535+01	-	599+50	STH 13	LT	287	SHDR. GRAVEL
37+00	-	53+02	STH 13	RT	71	SHDR. GRAVEL
53+02	-	57+52	STH 13	RT	27	BARRIER SYSTEM
57+52	-	206+00	STH 13	RT	660	SHDR. GRAVEL
206+00	-	211+00	STH 13	RT	24	BARRIER SYSTEM
211+00	-	231+26	STH 13	RT	90	SHDR. GRAVEL
231+26	-	246+24	STH 13	RT	72	BARRIER SYSTEM
246+24	-	355+44	STH 13	RT	485	SHDR. GRAVEL
355+44	-	362+01	STH 13	RT	33	BARRIER SYSTEM
362+01	-	429+00	STH 13	RT	298	SHDR. GRAVEL
429+00		450+06	STH 13	RT	94	BARRIER SYSTEM
450+06		466+66	STH 13	RT	74	SHDR. GRAVEL
466+66	-	475+92	STH 13	RT	18	BARRIER SYSTEM
475+92	-	585+01	STH 13	RT	485	SHDR. GRAVEL
585+01		588+77	STH 13	RT	17	BARRIER SYSTEM
588+77		589+75	STH 13	RT	4	SHDR. GRAVEL
589+75	-	592+16	STH 13	RT	21	BARRIER SYSTEM
592+16	-	596+57	STH 13	RT	20	SHDR. GRAVEL
596+57	-	602+81	STH 13	RT	30	BARRIER SYSTEM
37+50		SUPERIOR AVE.			5	SHDR. GRAVEL
62+04		WILLIAMSON RD.			10	**BOTH
72+03		GARY RD.			10	**BOTH
108+34		HOUGHTON FALLS RD.			10	**BOTH
121+55		MAKI RD.			10	**BOTH
147+88		FROSTMAN RD.			10	**BOTH
174+08		BURLAGER RD.			5	SHDR. GRAVEL
174+09		BODIN RD.			10	**BOTH
198+20		HOWELL RD.			10	**BOTH
210+40		SIOUX RIVER HEIGHTS RD.			30	GRAVEL SURFACE
251+10		FRIENDLY VALLEY RD. WEST			5	SHDR. GRAVEL
251+76		FRIENDLY VALLEY RD. EXT.			10	**BOTH
255+85		KJARVICK RD.			10	**BOTH
290+50		BAYVIEW PARK RD.			10	**BOTH
312+80		MCCULLOCH RD.			10	**BOTH
383+00		WHITING RD.			10	**BOTH
429+20		S. KENNEDY RD.			10	**BOTH
456+68		SKI HILL RD.			5	SHDR. GRAVEL
479+85		HATCHERY RD .			5	SHDR. GRAVEL
497+35		PORT SUPERIOR RD.			5	SHDR. GRAVEL
511+30		PIKES BAY RD.			5	SHDR. GRAVEL
521+80		CHEQUAMEGON RD.			5	SHDR. GRAVEL
527+55		WEBER RD.			5	SHDR. GRAVEL
544+90		OLD SAN RD.			5	SHDR. GRAVEL
566+00		CTH J			10	**BOTH
589+20		LAKESHORE DR.			10	**BOTH
595+55		9TH ST.			5	SHDR. GRAVEL
600+10		PAYNE AVE.			5	SHDR. GRAVEL
		TOTAL			4972	

*SEE ADDITIONAL QUANTITY FOR BAD 3/4-INCH IN 'DRIVEWAYS' MQ TABLE.
** 'BOTH' INDICATES SHOULDER GRAVEL & FEATHER TO MATCH EXISTING GRAVEL SURFACE.

DRIVEWAY AND ASSOCIATED ITEMS

STATION			204.0110 REMOVING ASPHALTIC SURFACE SY	305.0110* BASE AGGREGATE DENSE 3/4-INCH TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
CAT 0010					
37+10	STH 13'N'	LT	-	10	-
39+25	STH 13'N'	RT	17	-	3
52+20	STH 13'N'	RT	0	10	-
57+80	STH 13'N'	RT	0	10	-
68+10	STH 13'N'	LT	0	10	-
72+80	STH 13'N'	LT	0	10	-
75+95	STH 13'N'	RT	0	10	-
80+75	STH 13'N'	LT	0	10	-
85+15	STH 13'N'	LT	0	10	-
85+75	STH 13'N'	RT	0	10	-
88+35	STH 13'N'	RT	0	10	-
91+25	STH 13'N'	RT	0	10	-
95+55	STH 13'N'	LT	0	10	-
97+45	STH 13'N'	RT	62	-	11
98+50	STH 13'N'	LT	63	-	11
100+75	STH 13'N'	LT	67	-	12
107+30	STH 13'N'	LT	0	10	-
109+65	STH 13'N'	LT	0	10	-
123+30	STH 13'N'	RT	0	10	-
127+25	STH 13'N'	LT	0	10	-
134+85	STH 13'N'	LT	0	10	-
142+35	STH 13'N'	LT	67	-	12
144+25	STH 13'N'	RT	45	-	8
144+80	STH 13'N'	LT	0	10	-
148+85	STH 13'N'	LT	45	-	8
150+60	STH 13'N'	RT	0	10	-
153+25	STH 13'N'	RT	45	-	8
155+00	STH 13'N'	LT	0	10	-
155+15	STH 13'N'	RT	45	-	8
161+25	STH 13'N'	LT	0	10	-
163+75	STH 13'N'	RT	0	10	-
167+30	STH 13'N'	LT	0	10	-
170+50	STH 13'N'	LT	0	10	-
182+15	STH 13'N'	RT	0	10	-
185+85	STH 13'N'	LT	0	10	-
187+25	STH 13'N'	RT	0	10	-
188+20	STH 13'N'	LT	45	-	8
190+90	STH 13'N'	RT	89	-	15
192+45	STH 13'N'	RT	89	-	15
193+00	STH 13'N'	LT	0	10	-
194+80	STH 13'N'	RT	0	10	-
195+75	STH 13'N'	LT	0	10	-
202+00	STH 13'N'	RT	0	10	-
202+05	STH 13'N'	LT	0	10	-
227+00	STH 13'N'	LT	0	10	-
229+50	STH 13'N'	LT	0	10	-
237+60	STH 13'N'	RT	0	20	-
245+25	STH 13'N'	RT	0	10	-
249+10	STH 13'N'	RT	0	10	-
256+35	STH 13'N'	RT	0	10	-
270+15	STH 13'N'	LT	0	10	-
328+20	STH 13'N'	LT	0	10	-
329+30	STH 13'N'	RT	0	10	-
330+00	STH 13'N'	LT	0	10	-
330+75	STH 13'N'	LT	0	10	-
332+90	STH 13'N'	LT	0	10	-
340+30	STH 13'N'	RT	0	10	-
341+30	STH 13'N'	RT	0	10	-
341+60	STH 13'N'	RT	0	10	-
343+35	STH 13'N'	RT	0	10	-
347+75	STH 13'N'	RT	0	10	-
352+45	STH 13'N'	RT	0	10	-
355+50	STH 13'N'	LT	0	10	-
356+40	STH 13'N'	RT	0	10	-
361+00	STH 13'N'	RT	0	10	-
364+40	STH 13'N'	RT	45	-	8
367+00	STH 13'N'	RT	0	10	-
	SUBTOTALS		724	550	127

DRIVEWAY AND ASSOCIATED ITEMS CONT'D

STATION			204.0110 REMOVING ASPHALTIC SURFACE SY	305.0110* BASE AGGREGATE DENSE 3/4-INCH TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
369+50	STH 13'N'	LT	0	10	-
390+90	STH 13'N'	RT	45	-	8
399+05	STH 13'N'	RT	0	10	-
408+00	STH 13'N'	RT	0	10	-
412+70	STH 13'N'	RT	0	10	-
413+28	STH 13'N'	LT	0	10	-
421+10	STH 13'N'	RT	0	10	-
428+90	STH 13'N'	RT	45	-	8
437+95	STH 13'N'	RT	0	10	-
438+85	STH 13'N'	LT	45	-	8
443+55	STH 13'N'	LT	0	10	-
446+10	STH 13'N'	LT	67	-	12
450+25	STH 13'N'	LT	0	10	-
450+25	STH 13'N'	RT	0	10	-
450+65	STH 13'N'	RT	45	-	8
451+95	STH 13'N'	LT	0	10	-
454+00	STH 13'N'	RT	0	10	-
461+40	STH 13'N'	RT	45	-	8
463+85	STH 13'N'	LT	0	10	-
464+10	STH 13'N'	RT	45	-	8
466+20	STH 13'N'	RT	0	10	-
466+15	STH 13'N'	RT	0	10	-
466+20	STH 13'N'	LT	45	-	8
477+05	STH 13'N'	RT	0	10	-
477+15	STH 13'N'	LT	78	10	14
494+00	STH 13'N'	LT	0	10	-
495+85	STH 13'N'	RT	0	10	-
501+05	STH 13'N'	LT	0	10	-
511+30	STH 13'N'	RT	123	10	21
511+68	STH 13'N'	LT	53	10	9
513+15	STH 13'N'	LT	0	10	-
515+55	STH 13'N'	RT	0	10	-
524+10	STH 13'N'	RT	0	10	-
524+45	STH 13'N'	LT	45	-	8
525+80	STH 13'N'	RT	0	10	-
527+50	STH 13'N'	RT	0	10	-
529+05	STH 13'N'	RT	0	10	-
533+60	STH 13'N'	LT	0	10	-
534+60	STH 13'N'	RT	0	10	-
535+40	STH 13'N'	LT	0	10	-
539+20	STH 13'N'	LT	0	10	-
541+45	STH 13'N'	RT	0	10	-
544+75	STH 13'N'	LT	0	10	-
546+25	STH 13'N'	RT	0	10	-
560+65	STH 13'N'	RT	87	-	15
565+95	STH 13'N'	RT	45	-	8
570+15	STH 13'N'	RT	0	10	-
570+40	STH 13'N'	LT	45		8
570+80	STH 13'N'	RT	0	10	-
577+40	STH 13'N'	RT	45	-	8
578+00	STH 13'N'	RT	45	-	8
584+10	STH 13'N'	LT	0	10	-
584+75	STH 13'N'	RT	45	-	8
585+20	STH 13'N'	LT	0	10	-
589+95	STH 13'N'	RT	45	-	8
590+45	STH 13'N'	LT	0	10	-
592+45	STH 13'N'	RT	0	20	-
593+85	STH 13'N'	LT	0	10	-
597+50	STH 13'N'	RT	45	-	8
600+55	STH 13'N'	LT	45	-	8
601+95	STH 13'N'	LT	89	-	15
602+25	STH 13'N'	RT	0	10	-
UNDISTRIBUTED	STH 13'N'		---	100	9
	SUBTOTALS		1217	540	223
	TOTALS		1941	1090	350

*SEE ADDITIONAL QUANTITY FOR BAD 3/4-INCH IN ITEM MQ TABLE.

HMA PAVEMENT

STATION	-	STATION	LOCATION	WIDTH	DEPTH INCH	460.6224 HMA PAVEMENT 4 MT 58-28 S (LOWER LAYER) TON	460.8444 HMA PAVEMENT 4 SMA 58-34 H (UPPER LAYER) TON	460.6244 HMA PAVEMENT 4 MT 58-34 S (UPPER - SHOULDERS) TON	455.0605 * TACK COAT - GAL	COMMENTS
CAT. 0010										
37+00	-	602+84	STH 13	---	---	22135	15342	6096	22801	MAINLINE AND SHOULDERS
37+50				---	1.75	---	---	17	11	SUPERIOR AVE
62+04				---	1.75	---	---	16	10	WILLIAMSON RD PAVED APRON
72+03				---	1.75	---	---	23	14	GARY RD PAVED APRON
108+34				---	1.75	---	---	23	14	HOUGHTON FALLS RD PAVED APRON
121+55				---	1.75	---	---	18	11	MAKI RD PAVED APRON
147+88				---	1.75	---	---	18	11	FROSTMAN RD PAVED APRON
174+08				---	1.75	---	---	19	12	BURLAGER RD
174+09				---	1.75	---	---	19	12	BODIN RD PAVED APRON
198+20				---	1.75	---	---	21	13	HOWELL RD PAVED APRON
251+10				---	1.75	---	---	23	14	FRIENDLY VALLEY RD (WEST)
251+76				---	1.75	---	---	21	13	FRIENDLY VALLEY RD (EAST) PAVED APRON
255+85				---	1.75	---	---	31	19	KJARVICK RD PAVED APRON
290+50				---	1.75	---	---	19	12	BAYVIEW PARK RD PAVED APRON
312+80				---	1.75	---	---	15	9	MCCULLOCH RD PAVED APRON
383+00				---	1.75	---	---	40	24	WHITING RD PAVED APRON
429+20				---	4.00	---	---	19	0	S. KENNEDY RD - ADD PAVED APRON
456+68				---	1.75	---	---	26	16	SKI HILL RD
479+85				---	1.75	---	---	17	10	HATCHERY RD
497+35				---	1.75	---	---	30	19	PORT SUPERIOR RD
511+30				---	1.75	---	---	19	11	PIKES BAY RD
521+80				---	1.75	---	---	20	12	CHEQUAMEGON RD
527+55				---	1.75	---	---	21	13	WEBER RD
544+90				---	1.75	---	---	52	32	OLD SAN RD
566+00				---	1.75	---	---	21	13	CTH J
589+20				---	1.75	---	---	20	12	LAKESHORE DR PAVED APRON
595+55				---	1.75	---	---	16	10	9TH ST
600+10				---	1.75	---	---	24	15	PAYNE AVE
		TOTALS				22135	15342	6704	23163	

* SEE ADDITIONAL TACK COAT QUANTITY IN ASPHALTIC SURFACE TABLE.

REHEATING JOINTS

STATION	-	STATION	LOCATION	JOINTS	460.4110.S REHEATING HMA PAVEMENT LONGITUDINAL JOINTS LF
CAT. 0010					
37+00	-	232+33	STH 13	1	19533
233+59	-	239+05	STH 13	1	546
240+30	-	320+35	STH 13	1	8005
320+87	-	337+00	STH 13	1	1613
337+00	-	351+00	STH 13	2	2800
351+00	-	455+35	STH 13	1	10435
455+35	-	458+24	STH 13	2	578
458+24	-	486+90	STH 13	1	2866
486+90	-	537+80	STH 13	2	10180
537+80	-	602+84	STH 13	1	6504
			TOTAL		63060

FINISHING ROADWAY

PROJECT	LOCATION	213.0100.01 FINISHING ROADWAY EACH
CAT. 0010		
8160-03-70	STH 13	1
	PROJECT TOTAL	1

ASPHALTIC SURFACE

STATION	-	STATION	LOCATION		465.0105 ASPHALTIC SURFACE TON	455.0605 * TACK COAT GAL	COMMENT
CAT. 0010							
37+00	-	602+84	STH 13	-	4000	500	LEVELING & WEDGING
			TOTALS		4000	500	

*SEE ADDITIONAL QUANTITY FOR TACK COAT IN HMA PAVEMENT TABLE.

ASPHALTIC SURFACE PATCHING

STATION	-	STATION	LOCATION	465.0110 ASPHALTIC SURFACE PATCHING TON	COMMENTS
CAT. 0010					
37+00	-	602+84	STH 13	250	MINOR REPAIRS
			TOTAL	250	

ASPHALTIC CURB

STATION	-	STATION	LOCATION		465.0310 ASPHALTIC CURB LF
CAT. 0010					
598+98	-	601+46	STH 13	RT	248
			TOTAL		248

MAINTENANCE OF HAUL ROADS

LOCATION	618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS 01. 8160-03-70 EACH
CAT 0010	
STH 13	1
PROJECT TOTAL	1

MOBILIZATION

LOCATION	619.1000 MOBILIZATION EACH
CAT 0010	
STH 13	1
PROJECT TOTAL	1

FIELD OFFICE TYPE B

LOCATION	642.5001 FIELD OFFICE TYPE B EACH
CAT 0010	
STH 13	1
PROJECT TOTAL	1

3

ASPHALTIC SHOULDER RUMBLE STRIPS

STATION	-	STATION	LOCATION		465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE RURAL LF	COMMENTS
CAT. 0010						
37+00	-	61+70	STH 13'N'	LT	2470	TYPE 1
37+80	-	71+50	STH 13'N'	RT	3370	TYPE 1
62+40	-	121+20	STH 13'N'	LT	5880	TYPE 1
72+55	-	107+75	STH 13'N'	RT	3520	TYPE 1
108+75	-	147+30	STH 13'N'	RT	3855	TYPE 1
121+90	-	173+50	STH 13'N'	LT	5160	TYPE 1
148+30	-	173+50	STH 13'N'	RT	2520	TYPE 1
174+50	-	190+40	STH 13'N'	RT	1590	TYPE 1
174+50	-	210+00	STH 13'N'	LT	3550	TYPE 1
192+75	-	197+70	STH 13'N'	LT	495	TYPE 1
198+65	-	232+30	STH 13'N'	RT	3365	TYPE 1
210+90	-	226+75	STH 13'N'	LT	1585	TYPE 1
227+35	-	229+20	STH 13'N'	LT	185	TYPE 1
229+85	-	232+30	STH 13'N'	LT	245	TYPE 1
233+55	-	237+00	STH 13'N'	RT	345	TYPE 1
233+55	-	239+05	STH 13'N'	LT	550	TYPE 1
237+80	-	239+05	STH 13'N'	RT	125	TYPE 1
240+30	-	250+50	STH 13'N'	LT	1020	TYPE 1
240+30	-	251+10	STH 13'N'	RT	1080	TYPE 1
251+70	-	255+25	STH 13'N'	LT	355	TYPE 1
252+20	-	290+20	STH 13'N'	RT	3800	TYPE 1
256+50	-	312+30	STH 13'N'	LT	5580	TYPE 1
291+10	-	320+35	STH 13'N'	RT	2925	TYPE 1
313+30	-	320+35	STH 13'N'	LT	705	TYPE 1
320+85	-	382+40	STH 13'N'	LT	6155	TYPE 1
320+85	-	330+85	STH 13'N'	RT	1000	TYPE 1
371+10	-	454+00	STH 13'N'	RT	8290	TYPE 1
383+85	-	429+00	STH 13'N'	LT	4515	TYPE 1
429+50	-	456+30	STH 13'N'	LT	2680	TYPE 1
457+25	-	468+95	STH 13'N'	LT	1170	TYPE 1
459+60	-	469+60	STH 13'N'	RT	1000	TYPE 1
473+45	-	479+40	STH 13'N'	LT	595	TYPE 1
473+45	-	479+00	STH 13'N'	RT	555	TYPE 1
480+30	-	527+00	STH 13'N'	LT	4670	TYPE 1
528+00	-	560+00	STH 13'N'	LT	3200	TYPE 1
545+25	-	560+00	STH 13'N'	RT	1475	TYPE 1
C.E., P.E. DEDUCTION			STH 13'N'	-	-8250	110 ENTRANCES @ 75'/ENTRANCE
TOTAL					81330	

CULVERT ITEMS

STATION	LOCATION	521.0118 CULVERT PIPE CORRUGATED STEEL 18-INCH LF	521.1018 APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH EACH
CAT. 0010			
463+87	P.E., 27.5' LT	40	2
	TOTALS	40	2

ASPHALT CENTER LINE RUMBLE STRIPS

STATION	-	STATION	LOCATION	465.0475 ASPHALT CENTER LINE RUMBLE STRIP 2-LANE RURAL LF	COMMENTS
CAT. 0010					
41+60	-	60+04	STH 13'N'	1844	45 MPH SPEED LIMIT-WILLIAMS RD
64+04	-	67+05	STH 13'N'	301	WILLIAMS RD - C.E. LT
74+03	-	79+75	STH 13'N'	572	GARY RD - C.E. LT
81+75	-	84+20	STH 13'N'	245	C.E. LT - C.E. LT
89+35	-	99+75	STH 13'N'	1040	C.E. RT - C.E. LT
101+75	-	106+30	STH 13'N'	455	C.E. LT - HOUGHTON FALLS RD
110+65	-	119+55	STH 13'N'	890	HOUGHTON FALLS RD - MAKI RD
123+55	-	126+25	STH 13'N'	270	MAKI RD - C.E. LT
128+25	-	145+88	STH 13'N'	1763	C.E. LT - FROSTMAN RD
149+88	-	172+08	STH 13'N'	2220	FROSTMAN RD - BURLAGER RD
176+10	-	196+20	STH 13'N'	2010	BODIN RD - HOWELL DR
203+05	-	226+00	STH 13'N'	2295	C.E. LT - WAYSIDE LT
233+99	-	238+64	STH 13'N'	465	SIOUX R BRIDGE - SIOUX R BRIDGE
240+71	-	249+10	STH 13'N'	839	SIOUX R BR - FRIENDLY VALLEY RD
257+85	-	288+50	STH 13'N'	3065	KJARVICK RD - BAYVIEW PARK RD
292+50	-	310+80	STH 13'N'	1830	BAYVIEW PARK RD-MCCULLOCH RD
314+80	-	319+94	STH 13'N'	514	MCCULLOCH RD - ONION R BR
321+28	-	329+00	STH 13'N'	772	ONION R BR - C.E. LT
331+00	-	381+00	STH 13'N'	5000	C.E. LT - WHITING RD
335+00	-	445+10	STH 13'N'	11010	WHITING RD - C.E. LT
447+10	-	454+68	STH 13'N'	758	C.E. LT - SKI HILL RD
458+68	-	460+40	STH 13'N'	172	SKI HILL RD - C.E. RT
465+10	-	470+47	STH 13'N'	537	C.E. RT - PIKES CREEK BR
472+56	-	476+15	STH 13'N'	359	PIKES CREEK BRIDGE - C.E. LT
481+85	-	495+35	STH 13'N'	1350	HATCHERY RD-PORT SUPERIOR RD
499+35	-	510+30	STH 13'N'	1095	PORT SUPERIOR RD - C.E. RT
512+30	-	519+80	STH 13'N'	750	C.E. RT - CHEQUAMEGON RD
529+55	-	532+60	STH 13'N'	305	WEBER RD - C.E. LT
536+40	-	540+45	STH 13'N'	405	C.E. LT - C.E. RT
546+90	-	559+60	STH 13'N'	1270	OLD SAN RD-45 MPH SPEED LIMIT
TOTAL				44401	

SILT FENCE ITEMS

STATION	-	STATION	LOCATION		628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF
CAT. 0010						
228+24	-	232+39	STH 13 'N'	LT	415	415
233+48	-	239+31	STH 13 'N'	LT	583	583
240+18	-	250+18	STH 13 'N'	LT	1000	1000
231+12	-	232+43	STH 13 'N'	RT	131	131
233+48	-	239+06	STH 13 'N'	RT	558	558
240+25	-	242+93	STH 13 'N'	RT	268	268
244+35	-	246+34	STH 13 'N'	RT	199	199
359+26	-	362+17	STH 13 'N'	RT	291	291
428+85	-	429+10	STH 13 'N'	LT	20	20
429+30	-	429+50	STH 13 'N'	LT	20	20
466+47	-	470+68	STH 13 'N'	LT	421	421
472+10	-	477+08	STH 13 'N'	LT	498	498
466+51	-	470+89	STH 13 'N'	RT	438	438
472+32	-	475+91	STH 13 'N'	RT	359	359
588+58	-	593+43	STH 13 'N'	RT	485	485
596+50		603+17	STH 13 'N'	RT	667	667
UNDISTRIBUTED					650	650
TOTALS					7003	7003

MOBILIZATIONS EROSION CONTROL

LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
CAT 0010		
STH 13	2	2
PROJECT TOTALS	2	2

EROSION MAT

STATION	-	STATION	LOCATION		628.2008 EROSION MAT URBAN CLASS I TYPE B SY
CAT. 0010					
230+07	-	250+00	STH 13	LT	2057
234+59	-	245+00	STH 13	RT	415
359+29	-	361+00	STH 13	RT	256
466+00	-	475+09	STH 13	LT	498
472+43	-	475+50	STH 13	RT	93
591+51	-	592+16	STH 13	RT	77
597+80	-	602+03	STH 13	RT	227
UNDISTRIBUTED					725
TOTAL					4348

GUARDRAIL COMPONENTS SUMMARY

STATION	-	STATION	LOCATION	614.2300 MGS GUARDRAIL 3 LF	614.2330 MGS GUARDRAIL 3K LF	614.2340 MGS GUARDRAIL 3L LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL EAT TERMINAL EACH	614.0305 STEEL PLATE BEAM GUARD CLASS A LF	614.0345 STEEL PLATE BEAM GUARD SHORT RADIUS LF	614.0370 STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL EACH	614.0390 STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL EACH
CAT. 0010												
54+20.7	-	54+73.8	STH 13'N' RT	-	-	-	-	1	-	-	-	-
54+73.8	-	56+98.8	STH 13'N' RT	225	-	-	-	-	-	-	-	-
56+98.8	-	57+51.9	STH 13'N' RT	-	-	-	-	1	-	-	-	-
206+58.8	-	207+11.9	STH 13'N' RT	-	-	-	-	1	-	-	-	-
207+11.9	-	207+86.8	STH 13'N' RT	75	-	-	-	-	-	-	-	-
207+86.8	-	208+99.4	STH 13'N' RT	-	-	112.5	-	-	-	-	-	-
208+99.4	-	209+49.4	STH 13'N' RT	50	-	-	-	-	-	-	-	-
209+49.4	-	210+02.5	STH 13'N' RT	-	-	-	-	1	-	-	-	-
206+96.3	-	207+49.4	STH 13'N' LT	-	-	-	-	1	-	-	-	-
207+49.4	-	207+86.8	STH 13'N' LT	37.5	-	-	-	-	-	-	-	-
207+86.8	-	208+99.4	STH 13'N' LT	-	-	112.5	-	-	-	-	-	-
208+99.4	-	209+36.9	STH 13'N' LT	37.5	-	-	-	-	-	-	-	-
209+36.9	-	209+90.0	STH 13'N' LT	-	-	-	-	1	-	-	-	-
229+81.6	-	230+34.7	STH 13'N' LT	-	-	-	-	1	-	-	-	-
230+34.7	-	231+84.7	STH 13'N' LT	150	-	-	-	-	-	-	-	-
231+84.7	-	232+24.1	STH 13'N' LT	-	-	-	39.4	-	-	-	-	-
231+26.0	-	231+88.5	STH 13'N' RT	62.5	-	-	-	-	-	-	-	-
231+88.5	-	232+27.9	STH 13'N' RT	-	-	-	39.4	-	-	-	-	-
233+66.3	-	234+05.7	STH 13'N' RT	-	-	-	39.4	-	-	-	-	-
234+05.7	-	234+30.7	STH 13'N' RT	25	-	-	-	-	-	-	-	-
234+30.7	-	234+83.8	STH 13'N' RT	-	-	-	-	1	-	-	-	-
233+72.3	-	234+11.7	STH 13'N' LT	-	-	-	39.4	-	-	-	-	-
234+11.7	-	234+24.2	STH 13'N' LT	12.5	-	-	-	-	-	-	-	-
234+24.2	-	238+46.8	STH 13'N' LT	-	425	-	-	-	-	-	-	-
238+46.8	-	238+59.3	STH 13'N' LT	12.5	-	-	-	-	-	-	-	-
238+59.3	-	238+98.7	STH 13'N' LT	-	-	-	39.4	-	-	-	-	-
237+82.5	-	238+35.6	STH 13'N' RT	-	-	-	-	1	-	-	-	-
238+35.6	-	238+60.6	STH 13'N' RT	25	-	-	-	-	-	-	-	-
238+60.6	-	239+00.0	STH 13'N' RT	-	-	-	39.4	-	-	-	-	-
240+37.6	-	240+77.0	STH 13'N' RT	-	-	-	39.4	-	-	-	-	-
240+77.0	-	244+52.0	STH 13'N' RT	375	-	-	-	-	-	-	-	-
244+52.0	-	245+05.1	STH 13'N' RT	-	-	-	-	1	-	-	-	-
240+49.8	-	240+89.2	STH 13'N' LT	-	-	-	39.4	-	-	-	-	-
240+89.2	-	247+64.2	STH 13'N' LT	675	-	-	-	-	-	-	-	-
247+64.2	-	248+17.3	STH 13'N' LT	-	-	-	-	1	-	-	-	-
356+63.7	-	357+16.8	STH 13'N' RT	-	-	-	-	1	-	-	-	-
357+16.8	-	357+41.8	STH 13'N' RT	25	-	-	-	-	-	-	-	-
357+41.8	-	359+29.3	STH 13'N' RT	-	187.5	-	-	-	-	-	-	-
359+29.3	-	360+29.3	STH 13'N' RT	100	-	-	-	-	-	-	-	-
360+29.3	-	360+82.4	STH 13'N' RT	-	-	-	-	1	-	-	-	-
429+75.2	-	430+25.2	STH 13'N' RT	-	-	-	-	-	-	-	1	-
430+25.2	-	437+56.5	STH 13'N' RT	-	-	-	-	-	731.3	-	-	-
437+56.5	-	437+80.0	STH 13'N' RT	-	-	-	-	-	-	43.75	-	-
437+80.0	-	437+78.2	STH 13'N' RT	-	-	-	-	-	-	-	-	1
438+01.2	-	438+04.9	STH 13'N' RT	-	-	-	-	-	-	-	-	1
438+04.9	-	438+33.6	STH 13'N' RT	-	-	-	-	-	-	43.75	-	-
438+33.6	-	449+83.6	STH 13'N' RT	-	-	-	-	-	1150	-	-	-
449+83.6	-	450+11.0	STH 13'N' RT	-	-	-	-	-	-	43.75	-	-
450+11.0	-	450+05.8	STH 13'N' RT	-	-	-	-	-	-	-	-	1
467+95.2	-	468+48.3	STH 13'N' RT	-	-	-	-	1	-	-	-	-
468+48.3	-	470+48.3	STH 13'N' RT	200	-	-	-	-	-	-	-	-
470+48.3	-	470+87.7	STH 13'N' RT	-	-	-	39.4	-	-	-	-	-
465+94.9	-	466+48.0	STH 13'N' LT	-	-	-	-	1	-	-	-	-
466+48.0	-	468+48.0	STH 13'N' LT	200	-	-	-	-	-	-	-	-
468+48.0	-	469+48.0	STH 13'N' LT	-	100	-	-	-	-	-	-	-
469+48.0	-	470+23.0	STH 13'N' LT	75	-	-	-	-	-	-	-	-
470+23.0	-	470+62.4	STH 13'N' LT	-	-	-	39.4	-	-	-	-	-
472+16.9	-	472+56.3	STH 13'N' LT	-	-	-	39.4	-	-	-	-	-
472+56.3	-	473+43.8	STH 13'N' LT	87.5	-	-	-	-	-	-	-	-
473+43.8	-	474+43.8	STH 13'N' LT	-	-	100	-	-	-	-	-	-
474+43.8	-	475+06.3	STH 13'N' LT	62.5	-	-	-	-	-	-	-	-
475+06.3	-	475+59.4	STH 13'N' LT	-	-	-	-	1	-	-	-	-
SUBTOTALS				2512.5	712.5	325	433.4	16	1881.3	131.25	1	3

GUARDRAIL COMPONENTS SUMMARY CONT'D

STATION	-	STATION	LOCATION		614.2300 MGS GUARDRAIL 3 LF	614.2330 MGS GUARDRAIL 3K LF	614.2340 MGS GUARDRAIL 3L LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL EAT EACH	614.0305 STEEL PLATE BEAM GUARD CLASS A LF	614.0345 STEEL PLATE BEAM GUARD SHORT RADIUS LF	614.0370 STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL EACH	614.0390 STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL EACH
CAT. 0010													
472+42.7	-	472+82.1	STH 13'N'	RT	-	-	-	39.4	-	-	-	-	-
472+82.1	-	474+19.6	STH 13'N'	RT	137.5	-	-	-	-	-	-	-	-
474+19.6	-	474+72.7	STH 13'N'	RT	-	-	-	-	1	-	-	-	-
584+86.0	-	584+93.3	STH 13'N'	RT	-	-	-	-	-	-	-	-	1
584+93.3	-	585+28.3	STH 13'N'	RT	-	-	-	-	-	-	43.75	-	-
585+28.3	-	586+72.1	STH 13'N'	RT	-	-	-	-	-	143.8	-	-	-
586+72.1	-	587+22.1	STH 13'N'	RT	-	-	-	-	-	-	-	1	-
590+20.1	-	590+73.2	STH 13'N'	RT	-	-	-	-	1	-	-	-	-
590+73.2	-	591+48.2	STH 13'N'	RT	75	-	-	-	-	-	-	-	-
591+48.2	-	592+01.3	STH 13'N'	RT	-	-	-	-	1	-	-	-	-
597+80.1	-	598+33.2	STH 13'N'	RT	-	-	-	-	1	-	-	-	-
598+33.2	-	601+43.5	STH 13'N'	RT	275	-	-	-	-	-	-	-	-
601+43.5	-	601+96.6	STH 13'N'	RT	-	-	-	-	1	-	-	-	-
SUBTOTALS					487.5	0	0	39.4	5	143.8	43.75	1	1
TOTALS					3000	712.5	325	472.8	21	2025.1	175	2	4

NOTE: SEGMENT OF MGS GUARDRAIL 3K WILL REQUIRE CUTTING TO REMOVE 2.4' IN SPAN FROM STA 234+24.2 TO STA 238+46.8 LT

BARRIER SYSTEM GRADING SHAPING FINISHING

STATION	-	STATION	LOCATION		614.0010 BARRIER SYSTEM GRADING SHAPING FINISHING EACH	EXCAVATION COMMON* CY	FILL X 1.25* CY	BORROW* CY	TOPSOIL* SY	SEEDING MIXTURE NO. 10* LB	SEEDING TEMPORARY* LB	FERTILIZER TYPE B* CWT	MULCH * SY
CAT. 0010													
53+02	-	57+52	STH 13'N'	RT	1	20	106	86	698	13	26	0.6	948
205+83	-	210+00	STH 13'N'	LT	1	489	55	0	684	12	25	0.6	906
206+00	-	211+00	STH 13'N'	RT	1	224	152	0	983	16	33	0.8	1205
228+40	-	250+00	STH 13'N'	LT	1	16	1243	1227	2098	42	85	2.0	1073
231+26	-	246+24	STH 13'N'	RT	1	54	147	93	575	17	34	0.8	838
355+44	-	362+01	STH 13'N'	RT	1	15	158	143	647	14	28	0.6	756
429+00	-	450+06	STH 13'N'	RT	1	10	17	7	521	23	46	1.1	1691
464+10	-	476+78	STH 13'N'	LT	1	4	603	599	1264	24	48	1.1	1252
466+66	-	475+92	STH 13'N'	RT	1	14	92	78	295	10	20	0.5	467
585+01	-	588+77	STH 13'N'	RT	1	10	17	7	280	7	14	0.3	489
589+75	-	592+16	STH 13'N'	RT	1	15	17	2	97	3	7	0.2	154
597+65	-	602+10	STH 13'N'	RT	1	13	105	92	270	7	14	0.3	291
TOTALS					12	884	2712	2334	8412	188	380	8.8	10070

* ITEMS AND QUANTITIES LISTED FOR BID INFORMATION ONLY

REMOVING GUARDRAIL

STATION	-	STATION	LOCATION		204.0165 REMOVING GUARDRAIL LF
CAT. 0010					
230+05	-	232+24	STH 13	LT	219
231+26	-	232+28	STH 13	RT	102
233+66	-	234+64	STH 13	RT	98
233+72	-	234+77	STH 13	LT	105
237+90	-	239+99	STH 13	LT	209
237+91	-	239+00	STH 13	RT	109
240+37	-	241+48	STH 13	RT	111
240+50	-	241+60	STH 13	LT	110
356+80	-	359+09	STH 13	RT	229
468+33	-	470+62	STH 13	LT	229
469+63	-	470+88	STH 13	RT	125
472+17	-	474+17	STH 13	LT	200
472+43	-	473+66	STH 13	RT	123
598+99	-	601+98	STH 13	RT	299
TOTAL					2268

PERMANENT SIGNING ITEMS

STH 13 STATION (APPROX.)		SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	COMMENT
CAT. 0010												
37+78	RT	1-1	R1-1	STOP	30 X 30	5.18	—	—	1	1	1	SUPERIOR AVE.
40+04	LT	1-2	W14-3	NO PASSING ZONE	48 X 36	—	6.00	—	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
41+59	LT	1-3	R2-1	SPEED LIMIT 45	24 X 30	5.00	—	1	—	1	1	
41+60	RT	1-4	R2-1	SPEED LIMIT 55	24 X 30	5.00	—	1	—	1	1	
43+09	RT	1-5	W1-2L	Left Curve symbol	30 X 30	—	6.25	—	1	1	1	
44+10	LT	1-6	1-2-3	Washburn POPULATION 2117	66 X 24	11.00		2	—	1	1	SEE SIGN DETAIL
45+15	RT	1-7	—	NORTH 13	—	—	—	—	—	1	—	REMOVE SIGNS FROM D2-1 POSTS
45+15	RT	1-8	D2-1	Bayfield 12	72 X 15	7.50	—	—	2	1	2	SEE SIGN DETAIL
45+16	RT	1-9	J4-1	NORTH 13	24 X 36	6.00	—	—	1	—	—	
49+58	RT	1-10	S3-1	School Bus Stop Ahead symbol	30 X 30	—	6.25	—	1	1	1	
49+62	LT	1-11	W3-5	Reduced Speed Ahead 45	36 X 36	—	9.00	—	1	1	1	
61+58	LT	1-12	R1-1	STOP	30 X 30	5.18	—	—	1	1	1	WILLIAMS RD.
65+10	RT	1-13	M1-94	Gary Rd (right arrow)	66 X 15	6.88	—	—	2	1	2	SEE SIGN DETAIL
66+06	LT	1-14	W1-2R	Right Curve symbol	30 X 30	—	6.25	—	1	1	1	
68+82	LT	1-15	—	Right Curve symbol	—	—	—	—	—	1	1	
71+44	LT	1-16	155-56	WASHBURN H.S. ECOLOGY CLUB	30 X 36	7.50	—	—	1	1	1	ADOPT-A-HIGHWAY
72+33	RT	1-17	R1-1	STOP	30 X 30	5.18	—	1	—	1	1	GARY RD.
73+27	RT	1-18	155-56	WASHBURN BOY SCOUT TROOP 344	30 X 36	7.50	—	—	1	1	1	ADOPT-A-HIGHWAY
78+83	LT	1-19	M1-94	Gary Rd (Left arrow)	66 X 15	6.88	—	—	2	1	2	SEE SIGN DETAIL
96+50	RT	2-1	W14-3	NO PASSING ZONE	48 X 36	—	6.00	—	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
101+33	RT	2-2	M1-94	Houghton Falls Rd (Right arrow)	114 X 15	11.88	—	—	2	1	2	SEE SIGN DETAIL
108+58	RT	2-3	R1-1	STOP	30 X 30	5.18	—	1	—	1	1	HOUGHTON FALLS RD
113+56	LT	2-4	W14-3	NO PASSING ZONE	48 X 36	—	6.00	—	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
114+52	RT	2-5	M1-94	Maki Rd (Left arrow)	60 X 15	6.25	—	—	2	1	2	SEE SIGN DETAIL
115+32	LT	2-6	M1-94	Houghton Falls Rd (Left arrow)	114 X 15	11.88	—	—	2	1	2	SEE SIGN DETAIL
121+28	LT	2-7	R1-1	STOP	30 X 30	5.18	—	—	1	1	1	MAKI RD.
128+46	LT	2-8	M1-94	Maki Rd (Right arrow)	60 X 15	6.25	—	—	2	1	2	SEE SIGN DETAIL
140+89	RT	2-9	M1-94	Frostman Rd (Right arrow)	84 X 15	8.75	—	—	2	1	2	SEE SIGN DETAIL
143+54	RT	2-10	W14-3	NO PASSING ZONE	48 X 36	—	6.00	—	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
148+14	RT	2-11	R1-1	STOP	30 X 30	5.18	—	1	—	1	1	FROSTMAN RD.
149+22	RT	2-12	—	Deer Crossing symbol	—	—	—	—	—	1	1	
155+58	LT	3-1	M1-94	Frostman Rd (Left arrow)	84 X 15	8.75	—	—	2	1	2	SEE SIGN DETAIL
160+10	RT	3-2	D5-63	HISTORICAL MARKER 1/2 MILE	60 X 36	15.00	—	—	2	1	2	
161+70	LT	3-3	W14-3	NO PASSING ZONE	48 X 36	—	6.00	—	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
166+79	RT	3-4	M1-94	Burlager Rd (Left arrow) Bodin Rd (Right arrow)	84 X 30	17.50	—	—	2	1	2	SEE SIGN DETAIL
172+40	LT	3-5	155-56	WASHBURN BOY SCOUT TROOP 344	30 X 36	7.50	—	—	1	1	1	ADOPT-A-HIGHWAY
173+83	LT	3-6	R1-1	STOP	30 X 30	5.18	—	—	1	1	1	BURLAGER RD.
174+34	RT	3-7	R1-1	STOP	30 X 30	5.18	—	1	—	1	1	BODIN RD.
174+82	LT	3-8	W14-3	NO PASSING ZONE	48 X 36	—	6.00	—	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
175+20	RT	3-9	155-56	VICA WASHBURN H.S. CHAPTER	30 X 36	7.50	—	—	1	1	1	ADOPT-A-HIGHWAY
178+47	RT	3-10	W14-3	NO PASSING ZONE	48 X 36	—	6.00	—	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
181+08	LT	3-11	M1-94	Bodin Rd (Left arrow) Burlager Rd (Right arrow)	84 X 30	17.50	—	—	2	1	2	SEE SIGN DETAIL
187+00	LT	3-12	—	Deer Crossing symbol	—	—	—	—	—	1	1	
189+25	RT	3-13	W1-2L	Left Curve symbol	36 X 36	—	9.00	—	1	1	1	
189+25	RT	3-14	W13-1	50 M.P.H.	24 X 24	—	4.00	—	—	—	—	ON SAME POST AS SIGN NO. 3-13
191+19	RT	3-15	R1-1	STOP	30 X 30	5.18	—	1	—	1	1	HISTORICAL MARKER ENTRANCE
191+47	RT	3-16	D5-64-R	HISTORICAL MARKER (Right arrow)	60 X 36	15.00	—	—	2	1	2	
192+71	RT	3-17	R1-1	STOP	30 X 30	5.18	—	1	—	1	1	HISTORICAL MARKER ENTRANCE
193+23	RT	3-18	M1-94	Howell Rd (Right arrow)	72 X 15	7.50	—	—	2	1	2	SEE SIGN DETAIL
193+47	LT	3-19	D5-64-L	HISTORICAL MARKER (Left arrow)	60 X 36	15.00	—	—	2	1	2	
198+38	RT	3-20	R1-1	STOP	30 X 30	5.18	—	1	—	1	1	HOWELL RD.
199+12	RT	3-21	S3-1	School Bus Stop Ahead symbol	30 X 30	—	6.25	—	1	1	1	
204+34	LT	3-22	W1-2R	Right Curve symbol	36 X 36	—	9.00	—	1	—	—	NEW LOCATION
204+34	LT	3-23	W13-1	50 M.P.H.	24 X 24	—	4.00	—	—	—	—	ON SAME POST AS SIGN NO. 3-22
206+52	LT	3-24	M1-94	Howell Rd (Left arrow)	72 X 15	7.50	—	—	2	1	2	SEE SIGN DETAIL
208+36	LT	3-25	—	Right Curve symbol w/50 M.P.H.	—	—	—	—	—	1	1	
208+90	RT	3-26	—	Right Curve symbol	—	—	—	—	—	1	1	
209+65	LT	3-27	W14-3	NO PASSING ZONE	48 X 36	—	6.00	—	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
212+76	RT	3-28	W14-3	NO PASSING ZONE	48 X 36	—	6.00	—	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
				SUBTOTALS		284.00	114.00	11	57	55	70	

PERMANENT SIGNING ITEMS CONT'D

STH 13 STATION (APPROX.)		SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	COMMENT
218+30	LT	4-1	D5-63	HISTORICAL MARKER 1/2 MILE	60 X 36	15.00	---	---	2	1	2	
227+84	RT	4-2	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
243+93	RT	4-3	M1-94	Friendly Valley Rd (Left arrow & Right arrow)	102 X 24	17.00	---	---	2	1	2	SEE SIGN DETAIL
246+54	RT	4-4	J4-1	NORTH 13	24 X 36	6.00	---	---	1	---	---	
246+56	LT	4-5	J4-1	SOUTH 13	24 X 36	6.00	---	---	1	---	---	
250+72	LT	4-6	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	FRIENDLY VALLEY RD.
251+99	RT	4-7	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	FRIENDLY VALLEY RD.
252+63	RT	4-8	M1-94	Kjarvick Rd (Left arrow)	84 X 15	8.75	---	---	2	1	2	SEE SIGN DETAIL
252+73	LT	4-9	155-56	VICA WASHBURN H.S. CHAPTER	30 X 36	7.50	---	---	1	1	1	ADOPT-A-HIGHWAY
255+00	LT	4-10	M1-94	Friendly Valley Rd (Left arrow & Right arrow)	102 X 24	17.00	---	---	2	1	2	SEE SIGN DETAIL
255+05	RT	4-11	155-56	SPINDRIFT CREW	30 X 36	7.50	---	---	1	1	1	ADOPT-A-HIGHWAY
255+63	LT	4-12	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	KJARVICK RD.
263+00	LT	4-13	M1-94	Kjarvick Rd (Right arrow)	84 X 15	8.75	---	---	2	1	2	SEE SIGN DETAIL
283+62	RT	5-1	M1-94	Bayview Park Rd (Right arrow)	108 X 15	11.25	---	---	2	1	2	SEE SIGN DETAIL
291+00	RT	5-2	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	BAYVIEW PARK RD.
297+62	LT	5-3	M1-94	Bayview Park Rd (Left arrow)	108 X 15	11.25	---	---	2	1	2	SEE SIGN DETAIL
304+35	RT	5-4	M1-94	McCulloch Rd (Left arrow)	90 X 15	9.38	---	---	2	1	2	SEE SIGN DETAIL
306+35	RT	5-5	R4-51	PASSING LANE AHEAD 1/2 MILE	36 X 48	12.00	---	---	1	---	---	
307+46	LT	5-6	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
311+00	RT	5-7	155-56	APOSTLE ISLANDS REALTY	30 X 36	7.50	---	---	1	1	1	ADOPT-A-HIGHWAY
311+00	LT	5-8	155-56	SPINDRIFT CREW	30 X 36	7.50	---	---	1	1	1	ADOPT-A-HIGHWAY
312+83	LT	5-9	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	MCCULLOCH RD.
313+50	RT	5-10	W1-2L	Right Curve symbol	30 X 30	---	6.25	---	1	1	1	
317+00	RT	5-11	S3-1	School Bus Stop Ahead symbol	30 X 30	---	6.25	---	1	1	1	
319+10	LT	5-12	M1-94	McCulloch Rd (Right arrow)	90 X 15	9.38	---	---	2	1	2	SEE SIGN DETAIL
320+31	RT	5-13	W5-52R	Clearance Striper Down Left	12 X 36	---	3.00	1	---	1	1	
320+32	LT	5-14	W5-52L	Clearance Striper Down Right	12 X 36	---	3.00	1	---	1	1	
320+91	LT	5-15	W5-52R	Clearance Striper Down Left	12 X 36	---	3.00	1	---	1	1	
320+92	RT	5-16	W5-52L	Clearance Striper Down Right	12 X 36	---	3.00	1	---	1	1	
332+60	RT	5-17	R4-3	SLOWER TRAFFIC KEEP RIGHT	36 X 48	12.00	---	1	---	1	1	
338+50	LT	6-1	W1-2L	Left Curve symbol	30 X 30	---	6.25	---	1	---	---	
341+05	RT	6-2	W9-1R	RIGHT LANE ENDS	30 X 30	---	6.25	---	1	1	1	
341+60	LT	6-3	---	Left Curve symbol	---	---	---	---	---	1	1	
345+80	RT	6-4	W4-2R	Right Lane Reduction Transition symbol	36 X 36	---	9.00	---	1	1	1	
345+80	LT	6-5	W4-2R	Right Lane Reduction Transition symbol	36 X 36	---	9.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
355+40	RT	6-6	---	Left Curve symbol w/50 M.P.H.	---	---	---	---	---	1	1	
355+82	LT	6-7	R3-72	ONCOMING TRAFFIC USES CENTER LANE	30 X 36	7.50	---	1	---	---	---	
361+44	RT	6-8	W1-2R	Left Curve symbol	30 X 30	---	6.25	---	1	---	---	NEW LOCATION
361+44	RT	6-9	W13-1	50 M.P.H.	18 X 18	---	2.25	---	---	---	---	ON SAME POST AS SIGN NO. 6-8
371+21	LT	6-10	W1-2L	Right Curve symbol	30 X 30	---	6.25	---	1	---	---	
375+07	LT	6-11	---	Right Curve symbol	---	---	---	---	---	1	1	
376+78	RT	6-12	M1-94	Whiting Rd (Left arrow)	78 X 15	8.13	---	---	2	1	2	SEE SIGN DETAIL
376+98	RT	6-13	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
382+65	LT	6-14	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	WHITING RD.
385+24	LT	6-15	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
387+40	RT	6-16	---	Left Curve symbol	---	---	---	---	---	1	1	
390+32	LT	6-17	M1-94	Whiting Rd (Right arrow)	78 X 15	8.13	---	---	2	1	2	SEE SIGN DETAIL
391+40	RT	6-18	W1-2L	Left Curve symbol	30 X 30	---	6.25	---	1	---	---	
401+66	LT	7-1	W1-2L	Right Curve symbol	30 X 30	---	6.25	---	1	1	1	
402+18	RT	7-2	W1-2L	Left Curve symbol	30 X 30	---	6.25	---	1	1	1	
405+18	RT	7-3	S3-1	School Bus Stop Ahead symbol	30 X 30	---	6.25	---	1	1	1	
421+55	LT	7-4	S3-1	School Bus Stop Ahead symbol	30 X 30	---	6.25	---	1	1	1	
427+20	RT	7-5	R4-51	PASSING LANE AHEAD 1 MILE	36 X 48	12.00	---	---	1	---	---	
428+60	LT	7-6	155-56	APOSTLE ISLANDS REALTY	30 X 36	7.50	---	---	1	1	1	ADOPT-A-HIGHWAY
429+00	LT	7-7	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	S. KENNEDY RD.
429+48	RT	7-8	155-56	BLUE VISTA FARM	30 X 36	7.50	---	---	1	1	1	ADOPT-A-HIGHWAY
444+96	RT	7-9	W1-2R	Right Curve symbol	30 X 30	---	6.25	---	1	1	1	
444+96	RT	7-10	W13-1	50 M.P.H.	18 X 18	---	2.25	---	---	---	---	ON SAME POST AS SIGN NO. 7-9
448+47	LT	7-11	W1-2L	Right Curve symbol	30 X 30	---	6.25	---	1	1	1	
449+08	RT	7-12	M1-94	Ski Hill Rd (Left arrow)	78 X 15	8.13	---	---	2	1	2	SEE SIGN DETAIL
451+34	RT	7-13	---	Bayfield Fish Hatchery 1/2 MILE	66 X 36	16.50	---	---	2	1	2	SEE SIGN DETAIL
453+60	RT	7-14	R4-51	PASSING LANE AHEAD 1/2 MILE	36 X 48	12.00	---	---	1	---	---	
				SUBTOTALS		297.41	139.75	6	63	50	63	

PERMANENT SIGNING ITEMS CONT'D

STH 13 STATION (APPROX.)		SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	COMMENT
456+48	LT	8-1	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	SKI HILL RD.
456+62	RT	8-2	M1-6	13	24 X 24	4.00	---	---	1	1	1	SIGN FACES SKI HILL ROAD TRAFFIC
456+62	RT	8-3	W1-7	Night Arrow (Double)	48 X 24	---	8.00	---	---	---	---	ON SAME POST AS SIGN NO. 8-2
462+86	RT	8-4	W5-2	NARROW BRIDGE	36 X 36	---	9.00	---	1	1	1	
463+20	LT	8-5	M1-94	Ski Hill Rd (Right arrow)	78 X 15	8.13	---	---	2	1	2	SEE SIGN DETAIL
467+60	RT	8-6	R7-1-L	NO PARKING ANY TIME (Left Arrow)	18 X 24	3.00	---	1	---	1	1	
467+63	LT	8-7	R7-1-R	NO PARKING ANY TIME (Right Arrow)	18 X 24	3.00	---	1	---	1	1	
469+55	RT	8-8	R7-1-D	NO PARKING ANY TIME (Double Arrow)	18 X 24	3.00	---	1	---	1	1	
469+58	LT	8-9	R7-1-D	NO PARKING ANY TIME (Double Arrow)	18 X 24	3.00	---	1	---	1	1	
470+57	LT	8-10	W5-52L	Clearance Striper Down Right	12 X 36	---	3.00	1	---	1	1	
470+82	RT	8-11	W5-52R	Clearance Striper Down Left	12 X 36	---	3.00	1	---	1	1	
470+84	RT	8-12	I-3-1	Pikes Creek	66 X 15	6.88		2	---	1	1	SEE SIGN DETAIL
472+21	LT	8-13	I-3-1	Pikes Creek	66 X 15	6.88		2	---	1	1	SEE SIGN DETAIL
472+23	LT	8-14	W5-52R	Clearance Striper Down Left	12 X 36	---	3.00	1	---	1	1	
472+49	RT	8-15	W5-52L	Clearance Striper Down Right	12 X 36	---	3.00	1	---	1	1	
473+19	RT	8-16	M1-94	Hatchery Rd (Left arrow)	84 X 15	8.75	---	---	2	1	2	SEE SIGN DETAIL
474+00	RT	8-17	R7-1-D	NO PARKING ANY TIME (Double Arrow)	18 X 24	3.00	---	1	---	1	1	
474+00	LT	8-18	R7-1-D	NO PARKING ANY TIME (Double Arrow)	18 X 24	3.00	---	---	1	1	1	
474+00	LT	8-19	W1-2L	Left Curve symbol	30 X 30	---	6.25	---	---	---	---	ON SAME POST & ABOVE SIGN NO. 8-18
475+85	RT	8-20	---	Bayfield Fish Hatchery (Left arrow)	66 X 36	16.50	---	---	2	1	2	SEE SIGN DETAIL
476+02	LT	8-21	R7-1-D	NO PARKING ANY TIME (Double Arrow)	18 X 24	3.00	---	1	---	1	1	
476+15	RT	8-22	R7-1-D	NO PARKING ANY TIME (Double Arrow)	18 X 24	3.00	---	1	---	1	1	
478+09	RT	8-23	R7-1-R	NO PARKING ANY TIME (Right Arrow)	18 X 24	3.00	---	1	---	1	1	
478+10	LT	8-24	---	Bayfield Fish Hatchery (Right arrow)	66 X 36	16.50	---	---	2	1	2	SEE SIGN DETAIL
478+10	LT	8-25	R7-1-L	NO PARKING ANY TIME (Left Arrow)	18 X 24	3.00	---	1	---	1	1	ON INSIDE POST OF SIGN NO. 8-24
478+85	LT	8-26	---	Left Curve symbol	---	---	---	---	---	1	1	
478+95	LT	8-27	W5-2	NARROW BRIDGE	36 X 36	---	9.00	---	1	1	1	
479+63	LT	8-28	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	HATCHERY RD.
480+05	RT	8-29	R4-3	SLOWER TRAFFIC KEEP RIGHT	36 X 48	12.00	---	1	---	---	---	
482+05	RT	8-30	W1-2R	Right Curve symbol	30 X 30	---	6.25	---	1	1	1	
488+00	LT	8-31	M1-94	Hatchery Rd (Right arrow)	84 X 15	8.75	---	---	2	1	2	SEE SIGN DETAIL
488+14	RT	8-32	---	SLOWER TRAFFIC KEEP RIGHT	---	---	---	---	---	1	1	
497+67	RT	8-33	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	PORT SUPERIOR RD.
501+56	LT	8-34	W1-2L	Left Curve symbol	30 X 30	---	6.25	---	1	---	---	
505+45	RT	8-35	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
505+50	LT	8-36	---	Left Curve symbol	---	---	---	---	---	1	1	
506+00	LT	8-37	---	Bayfield Fish Hatchery 1/2 MILE	66 X 36	16.50	---	---	2	---	---	NEW LOCATION - SEE SIGN DETAIL
511+50	RT	8-38	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	PIKES BAY RD.
512+24	LT	8-39	---	Bayfield Fish Hatchery 1/2 MILE	---	---	---	---	---	1	2	REMOVE AT EXISTING LOCATION
513+97	RT	8-40	S3-1	School Bus Stop Ahead symbol	30 X 30	---	6.25	---	1	1	1	
521+67	LT	9-1	155-56	BLUE VISTA FARM	30 X 36	7.50	---	---	1	1	1	ADOPT-A-HIGHWAY
522+08	RT	9-2	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	CHEQUAMEGON RD.
522+42	LT	9-3	---	ONCOMING TRAFFIC USES CENTER LANE	---	---	---	---	---	1	1	
522+90	RT	9-4	M1-94	Weber Rd (Left arrow)	72 X 15	7.50	---	---	2	1	2	SEE SIGN DETAIL
527+20	LT	9-5	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	WEBER RD.
528+30	RT	9-6	W9-1R	RIGHT LANE ENDS	30 X 30	---	6.25	---	1	1	1	
531+00	RT	9-7	155-56	BAYFIELD HIGH SCHOOL HONOR SOCIETY	30 X 36	7.50	---	---	1	1	1	ADOPT-A-HIGHWAY
533+05	LT	9-8	W4-2R	Right Lane Reduction Transition symbol	36 X 36	---	9.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
533+05	RT	9-9	W4-2R	Right Lane Reduction Transition symbol	36 X 36	---	9.00	---	1	1	1	
533+10	LT	9-10	M1-94	Weber Rd (Right arrow)	72 X 15	7.50	---	---	2	1	2	SEE SIGN DETAIL
537+44	RT	9-11	M1-94	Old San Rd (Right arrow)	78 X 15	8.13	---	---	2	1	2	SEE SIGN DETAIL
537+80	LT	9-12	R3-72	ONCOMING TRAFFIC USES CENTER LANE	30 X 36	7.50	---	1	---	---	---	
545+06	RT	9-13	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	OLD SAN RD.
551+97	LT	9-14	M1-94	Old San Rd (Left arrow)	78 X 15	8.13	---	---	2	1	2	SEE SIGN DETAIL
553+65	RT	9-15	W3-5	Reduced Speed Ahead 45	36 X 36	---	9.00	---	1	1	1	
555+91	RT	9-16	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES SOUTHBOUND TRAFFIC
557+16	LT	9-17	W14-3	NO PASSING ZONE	48 X 36	---	6.00	---	1	1	1	SIGN FACES NORTHBOUND TRAFFIC
559+60	LT	9-18	R2-1	SPEED LIMIT 55	24 X 30	5.00	---	1	---	1	1	
559+60	RT	9-19	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	
560+86	RT	9-20	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	BLUE WING BAY RD.
561+05	RT	9-21	J1-1	JCT COUNTY J	24 X 39	6.50	--- ---	--- ---	1	1	1	
				SUBTOTALS		246.59	114.25	21	45	55	65	

PERMANENT SIGNING ITEMS CONT'D

STH 13 STATION (APPROX.)		SIGN NO.	SIGN CODE	SIGN MESSAGE	SIGN SIZE W X H (INCHES)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	COMMENT
564+87	LT	9-22	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	
564+87	LT	9-23	M1-91	LAKE SUPERIOR CIRCLE TOUR	24 X 24	4.00	---	1	---	1	1	
565+63		9-24	J13-1	COUNTY J Left Arrow	24 X 45	7.50	---	---	1	1	1	
565+71	LT	9-25	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	CTH J
566+63	LT	9-26	J13-1	COUNTY J Right Arrow	24 X 45	7.50	---	---	1	1	1	
567+10	RT	9-27	J4-1	NORTH 13	24 X 36	6.00	---	---	1	1	1	
567+10	RT	9-28	M1-91	LAKE SUPERIOR CIRCLE TOUR	24 X 24	4.00	---	1	---	1	1	
568+10	RT	9-29	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	
573+00	LT	9-30	J1-1	JCT COUNTY J	24 X 39	6.50	--- ---	--- ---	1	1	1	
575+15	LT	9-31	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	---	---	NEW LOCATION
575+85	LT	10-1	---	SPEED LIMIT 45	---	---	---	---	---	1	1	REMOVE AT EXISTING LOCATION
575+88	RT	10-2	W3-5	Reduced Speed Ahead 25	36 X 36	---	9.00	---	1	1	1	
578+00	LT	10-3	D2-2	Washburn 12 Ashland 21	78 X 24	13.00	---	---	2	1	2	SEE SIGN DETAIL
579+14	RT	10-4	W1-2L	Left Curve symbol	30 X 30	---	6.25	---	1	---	---	
581+74	RT	10-5	---	Apostle Islands Natnl Lakeshore Visitor Ctr 1 MILE	90 X 48	30.00	---	---	2	1	2	SEE SIGN DETAIL
583+50	RT	10-6	R2-1	SPEED LIMIT 25	24 X 30	5.00	---	1	---	1	1	
583+50	LT	10-7	R2-1	SPEED LIMIT 45	24 X 30	5.00	---	1	---	1	1	
588+73	LT	10-8	J4-1	SOUTH 13	24 X 36	6.00	---	---	1	1	1	
589+45	RT	10-9	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	LAKESHORE DRIVE
590+60	RT	10-10	I-2-3	Bayfield POPULATION 487	60 X 24	10.00		2	---	1	1	SEE SIGN DETAIL
591+97	RT	10-11	R2-1	SPEED LIMIT 25	24 X 30	5.00	---	1	---	1	1	
592+70	LT	10-12	R2-1	SPEED LIMIT 25	24 X 30	5.00	---	1	---	1	1	
594+36	LT	10-13	W1-2R	Right Curve symbol	30 X 30	---	6.25	---	1	1	1	
595+48	LT	10-14	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	9TH STREET
596+78	RT	10-15	W1-1R	Right Turn symbol	30 X 30	---	6.25	---	1	1	1	
596+78	RT	10-16	W13-1	20 M.P.H.	18 X 18	---	2.25	---	---	---	---	ON SAME POST AS SIGN NO. 10-15
599+62	LT	10-17	W1-6	Night Arrow (Left)	48 X 24	---	8.00	---	1	1	1	
599+66	LT	10-18	R1-1	STOP	30 X 30	5.18	---	---	1	1	1	PAYNE AVE.
600+25	LT	10-19	W1-6	Night Arrow (Right)	48 X 24	---	8.00	---	1	1	1	
				SUBTOTALS		150.22	46.00	11	19	26	28	
				TOTALS		978.22	414.00	49	184	186	226	

DELINEATOR ITEMS

STATION	-	STATION	LOCATION	633.0100 DELINEATOR POSTS STEEL EACH	633.0500 DELINEATOR REFLECTORS EACH
CAT. 0010					
55+00	-	57+00	STH 13 LT	3	3
151+00	-	153+00	STH 13 RT	3	3
345+00	-	356+00	STH 13 RT	12	12
362+00	-	376+50	STH 13 RT	16	16
382+00	-	420+00	STH 13 RT	39	39
498+00	-	512+00	STH 13 RT	15	15
504+50	-	506+00	STH 13 LT	3	3
540+00	-	545+00	STH 13 LT	6	6
585+00	-	587+00	STH 13 LT	3	3
			TOTALS	100	100

PAVEMENT MARKING EPOXY ITEMS

STATION	-	STATION	LOCATION	646.0106 PAVEMENT MARKING EPOXY 4-INCH YELLOW LF	646.0406 PAVEMENT MARKING SAME DAY EPOXY 4-INCH YELLOW LF	646.0842.S PM GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE LF	COMMENTS
CAT. 0010							
37+00	-	602+84	RT	---	---	57389	EDGELINE
37+00	-	602+84	LT	---	---	57389	EDGELINE
37+00	-	40+15	CENTERLINE	78	78		PASSING ZONE
40+15	-	51+20	CENTERLINE	1381	1381		NB NO PASSING ZONE
51+20	-	85+25	CENTERLINE	6810	6810		DOUBLE YELLOW
85+25	-	96+55	CENTERLINE	1412.5	1412.5		SB NO PASSING ZONE
96+55	-	113+65	CENTERLINE	427.5	427.5		PASSING ZONE
113+65	-	116+20	CENTERLINE	319	319		NB NO PASSING ZONE
116+20	-	132+60	CENTERLINE	3280	3280		DOUBLE YELLOW
132+60	-	143+60	CENTERLINE	1375	1375		SB NO PASSING ZONE
143+60	-	161+80	CENTERLINE	455	455		PASSING ZONE
161+80	-	167+30	CENTERLINE	688	688		NB NO PASSING ZONE
167+30	-	172+10	CENTERLINE	120	120		PASSING ZONE
172+10	-	174+85	CENTERLINE	344	344		SB NO PASSING ZONE
174+85	-	178+45	CENTERLINE	720	720		DOUBLE YELLOW
178+45	-	186+15	CENTERLINE	963	963		NB NO PASSING ZONE
186+15	-	201+00	CENTERLINE	2970	2970		DOUBLE YELLOW
201+00	-	209+90	CENTERLINE	1112.5	1112.5		SB NO PASSING ZONE
209+90	-	212+75	CENTERLINE	570	570		DOUBLE YELLOW
212+75	-	217+05	CENTERLINE	537.5	537.5		NB NO PASSING ZONE
217+05	-	219+90	CENTERLINE	71	71		PASSING ZONE
219+90	-	227+90	CENTERLINE	1000	1000		SB NO PASSING ZONE
227+90	-	307+45	CENTERLINE	1989	1989		PASSING ZONE
307+45	-	318+70	CENTERLINE	1406	1406		NB NO PASSING ZONE
318+70	-	366+10	CENTERLINE	9480	9480		DOUBLE YELLOW
366+10	-	376+95	CENTERLINE	1356	1356		SB NO PASSING ZONE
376+95	-	385+30	CENTERLINE	209	209		PASSING ZONE
385+30	-	396+15	CENTERLINE	1356	1356		NB NO PASSING ZONE
396+15	-	505+40	CENTERLINE	21850	21850		DOUBLE YELLOW
505+40	-	519+00	CENTERLINE	1700	1700		NB NO PASSING ZONE
519+00	-	545+40	CENTERLINE	5280	5280		DOUBLE YELLOW
545+40	-	555+95	CENTERLINE	1319	1319		SB NO PASSING ZONE
555+95	-	557+20	CENTERLINE	31	31		PASSING ZONE
557+20	-	559+50	CENTERLINE	288	288		NB NO PASSING ZONE
559+50	-	567+55	CENTERLINE	---	1006		NB NO PASSING ZONE (NO RUMBLE STRIP)
567+55	-	602+84	CENTERLINE	---	8668		DOUBLE YELLOW (NO RUMBLE STRIP)
335+48	-	349+00	RT	---	---	338	PASSING LANE SKIPS
455+70	-	457+85	RT	---	---	63	BYPASS LANE SKIPS
487+00	-	536+20	RT	---	---	1230	PASSING LANE SKIPS
		TOTALS		70898	80572	116409	

LOCATING NO-PASSING ZONES

STA	-	STA	LOCATION	648.0100 LOCATING NO-PASSING ZONES 01.8160-03-70 MI
CAT 0010				
37+00	-	602+84	STH 13	10.72
			PROJECT TOTAL	10.72

TEMPORARY PAVEMENT MARKING PAINT 4-INCH

STATION	-	STATION	LOCATION	649.0402 LF
CAT. 0010				
37+00	-	602+84	STH 13 MILLED SURFACE	74275
37+00	-	602+84	STH 13 LEVELING SURFACE	74275
			TOTAL	148550

TRAFFIC CONTROL PORTABLE MESSAGE

LOCATION		MESSAGE	NO. OF PCMS	DAYS	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY
CAT. 0010		*			
STH 13@ USH 53	EB	LANE RESTRICTIONS BAYFIELD SOUTH	1	28	28
STH 13@ USH 2	NB	LANE RESTRICTIONS WASHBURN NORTH	2	28	56
STH 13	NB	ROAD WORK AHEAD EXPECT DELAY	1	55	55
STH 13	SB	ROAD WORK AHEAD EXPECT DELAY	1	55	55
		TOTAL			194

* CHANGEABLE MESSAGE TO BE DETERMINED BY ENGINEER.

TRAFFIC CONTROL

LOCATION	643.0100 TRAFFIC CONTROL 01. 8160-03-70 EACH
CAT 0010	
STH 13	1
PROJECT TOTAL	1

TRAFFIC CONTROL DRUMS & LIGHTS

STATION	- STATION	LOCATION	NO. OF DRUMS	DAYS	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY
CAT. 0010						
37+00	- 602+84	PROJECT	55	54	2970	2970
454+00	- 459+60	BYPASS LANE	8	28	224	224
		UNDISTRIBUTED	12	54	648	648
		TOTALS			3618	3618

TRAFFIC CONTROL SIGNS

STATION	- STATION	LOCATION	NO. OF SIGNS	DAYS	643.0900 TRAFFIC CONTROL SIGNS DAY	COMMENT
CAT. 0010						
37+00	- 602+84	PROJECT	10	54	540	ADVANCE WARNING
37+00	- 602+84	PROJECT	37	26	962	MILLED SURFACES
37+00	- 602+84	ADV. INTERS.	8	28	224	MAX WIDTH WARNING
37+00	- 602+84	PROJECT	54	28	1512	SHOULDER WORK
37+00	- 602+84	PROJECT	24	54	1296	SIDE ROADS
		TOTAL			4534	

CONSTRUCTION STAKING RESURFACING REFERENCE

STATION	- STATION	LOCATION	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF
CAT. 0010			
37+00	- 232+33	STH 13	19533
233+59	- 239+05	STH 13	546
240+30	- 320+35	STH 13	8005
320+87	- 470+72	STH 13	14985
472+30	- 602+84	STH 13	13054
		TOTAL	56123

CONST. STAKING SUPPLEMENTAL CONTROL

LOCATION	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL 01.8160-03-70 LS
CAT 0010	
STH 13	1
PROJECT TOTAL	1

REMOVING ASPHALTIC SURFACE MILLING FULL DEPTH

STATION	- STATION	LOCATION	SPV.0180.01 REMOVING ASPHALTIC SURFACE MILLING FULL DEPTH SY
CAT. 0010			
37+50	- 228+05	STH 13 RT	10587
37+50	- 229+82	STH 13 LT	10685
228+05	- 232+33	STH 13 RT	286
229+82	- 232+33	STH 13 LT	168
233+59	- 239+05	STH 13 LT	364
233+59	- 234+84	STH 13 RT	84
237+82	- 239+05	STH 13 RT	82
240+30	- 248+17	STH 13 LT	525
240+30	- 245+05	STH 13 RT	317
245+05	- 248+17	STH 13 RT	174
248+17	- 319+00	STH 13 RT & LT	7870
319+00	- 322+25	STH 13 RT & LT	434
322+25	330+85	STH 13 RT & LT	956
330+85	- 337+00	STH 13 RT & LT	889
337+00	- 351+00	STH 13 RT & LT	1089
351+00	- 356+64	STH 13 RT & LT	815
356+64	- 360+82	STH 13 RT & LT	511
360+82	- 371+13	STH 13 RT & LT	1490
371+13	- 454+00	STH 13 RT & LT	9208
454+00	- 455+35	STH 13 RT & LT	195
455+35	- 458+24	STH 13 RT & LT	611
458+24	- 459+60	STH 13 RT & LT	197
459+60	- 465+95	STH 13 RT & LT	706
465+95	- 467+95	STH 13 RT & LT	245
467+95	- 470+72	STH 13 RT & LT	370
472+31	- 475+60	STH 13 RT & LT	439
475+60	- 479+00	STH 13 RT & LT	378
479+00	- 486+90	STH 13 RT & LT	1142
486+90	- 537+80	STH 13 RT & LT	3959
537+80	- 544+00	STH 13 RT & LT	896
544+00	- 590+20	STH 13 RT & LT	5134
590+20	- 592+01	STH 13 RT & LT	222
592+01	- 597+80	STH 13 RT & LT	644
597+80	- 602+34	STH 13 RT & LT	555
		TOTAL	62227

SAWING ASPHALT

LOCATION	690.0150 SAWING ASPHALT LF
CAT. 0010	
37+00 BOP	34
602+84 EOP	34
SUPERIOR AVE	24
BURLAGER RD	23
FRIENDLY VALLEY RD W	24
SKI HILL RD	26
HATCHERY RD	24
PORT SUPERIOR RD	30
PIKES BAY RD	24
CHEQUAMEGON RD	23
WEBER RD	28
OLD SAN RD	27
CTH J	29
9TH ST	28
PAYNE AVE	22
DRIVEWAYS	420
UNDISTRIBUTED	60
TOTAL	880

MATERIAL TRANSFER VEHICLE

LOCATION	SPV.0105.01 MATERIAL TRANSFER VEHICLE LS
CAT 0010	
STH 13	1
PROJECT TOTAL	1

SMA PAVEMENT COMPACTION

LOCATION	SPV.0195.01 SMA PAVEMENT COMPACTION ACCEPTANCE TON
CAT 0010	
STH 13	15342
TOTAL	15342

PREPARE FOUNDATION

LOCATION	SPV.0105.03 PREPARE FOUNDATION FOR ASPHALTIC PAVING SPECIAL LS
CAT 0010	
STH 13	1
PROJECT TOTAL	1

BEGIN PROJECT
STA. 37+00.0'N'
X = 818,383.34
Y = 491,488.77

STA. 37+00.0'N' - 37+50.0'N'
REMOVE ASPHALTIC SURFACE BUTT JOINT

STA. 37+10'N' LT
RESTORE P.E.
(BASE AGG)

SUPERIOR AVE
RESTORE SIDE ROAD
(ASPHALT - SEE DETAIL)

STA. 39+25'N' RT
RESTORE P.E.
(ASPHALT)

PI STA = 55+56.62'N'
Y = 492736.23
X = 820058.44
DELTA = 47°42'19"
D = 3°05'00"
T = 821.62'
L = 1547.20'
R = 1858.24'
PC STA = 47+35.00'N'
PT STA = 62+82.20'N'
SE = 5.1%
TRANS. = 181'

WILLIAMSON RD
RESTORE SIDE ROAD
(ASPHALT AND BASE AGG - SEE DETAIL)

PI: 62+82.20'N
WILLIAMSON RD

MATCH LINE STA. = 64+00.0

XCEL ENERGY

CENTURYLINK

STA. 52+20'N' RT
RESTORE P.E.
(BASE AGG)

CHARTER

SLOPE INTERCEPT

STA. 57+80'N' RT
RESTORE F.E.
(BASE AGG)

CENTURYLINK

STA. 54+20.7'N' - 54+73.8'N' RT - MGS TERMINAL EAT
STA. 54+73.8'N' - 56+98.8'N' RT - MGS GUARDRAIL
STA. 56+98.8'N' - 57+51.9'N' RT - MGS TERMINAL EAT
STA. 53+02'N' - 57+52'N' RT - BARRIER SYSTEM GRADING SHAPING FINISHING

PI STA. 88+11.20
X = 820063.41
Y = 496086.85

STA. 68+05'N' LT
RESTORE C.E.
(BASE AGG)

STA. 72+80'N' LT
RESTORE P.E.
(BASE AGG)

STA. 80+75'N' LT
RESTORE C.E.
(BASE AGG)

STA. 85+20'N' LT
RESTORE C.E.
(BASE AGG)

PI: 88+11.20'N

GARY RD
RESTORE SIDE ROAD
(ASPHALT AND BASE AGG - SEE DETAIL)

STA. 75+95'N' RT
RESTORE P.E.
(BASE AGG)

XCEL ENERGY

STA. 85+75'N' RT
RESTORE C.E.
(BASE AGG)

STA. 88+35'N' RT
RESTORE C.E.
(BASE AGG)

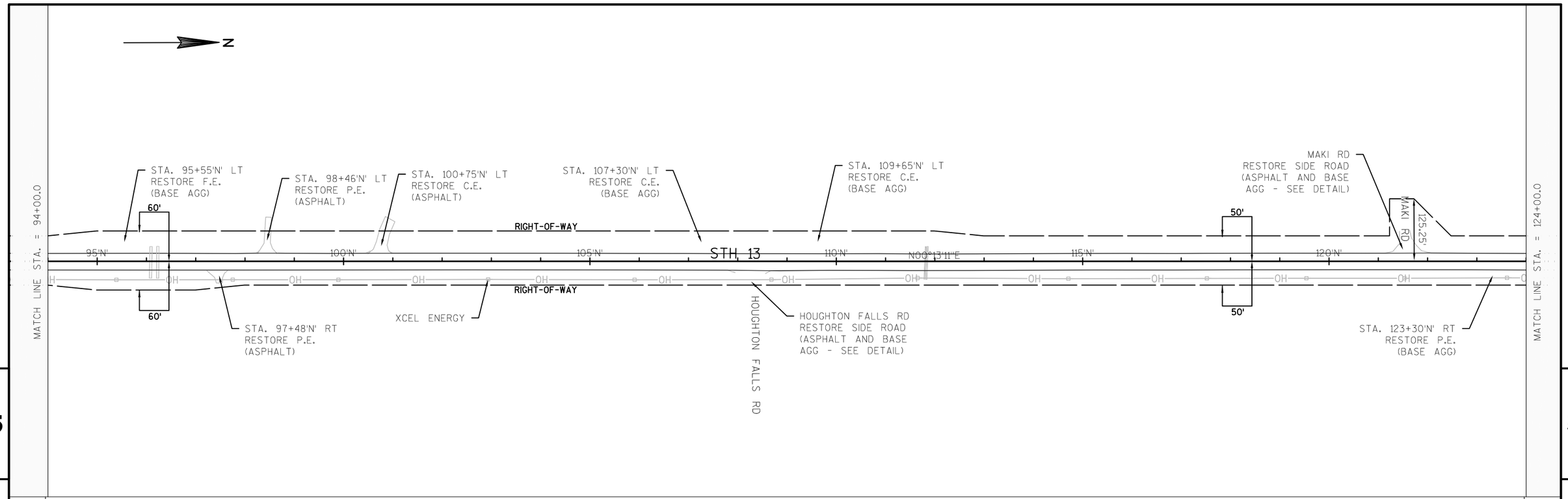
STA. 91+25'N' RT
RESTORE P.E.
(BASE AGG)

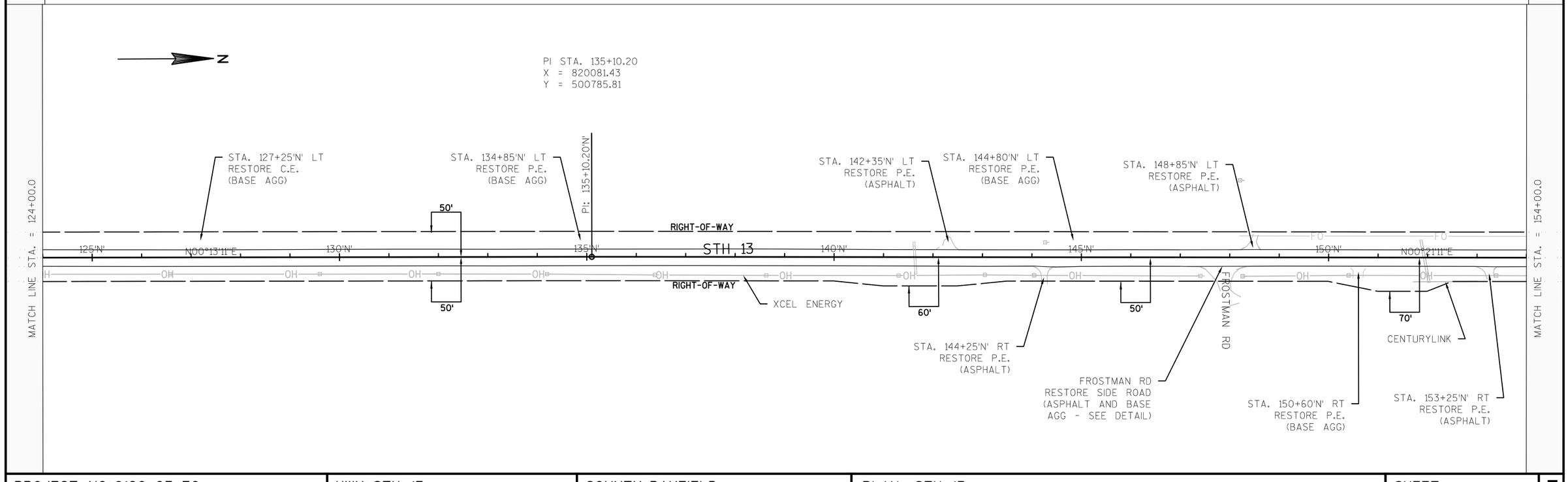
MATCH LINE STA. = 64+00.0

MATCH LINE STA. = 94+00.0

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: STH 13	SHEET	E

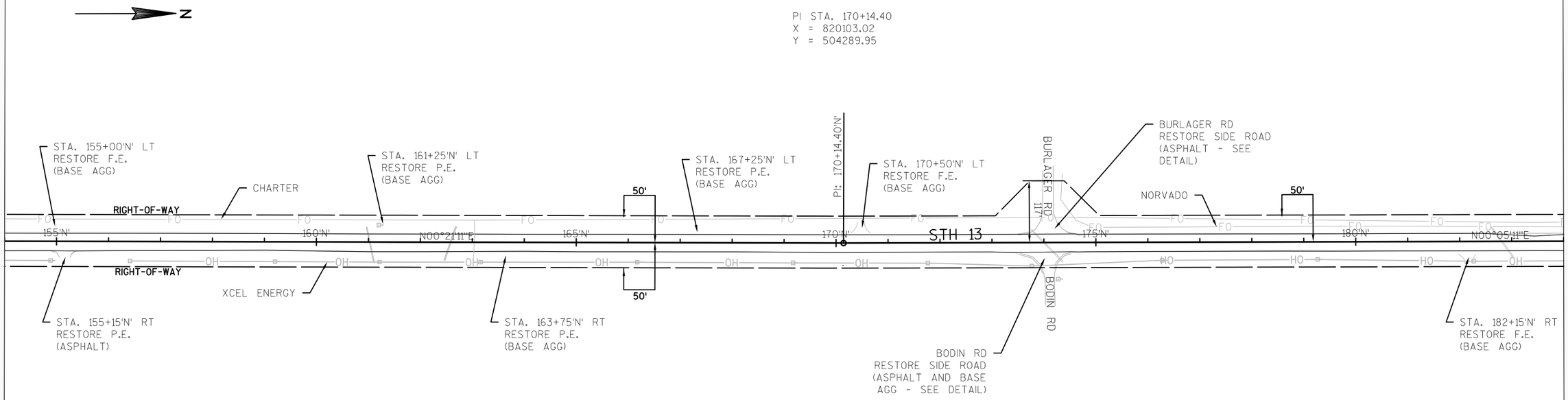
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\050201_PN_STH13.DWG
LAYOUT NAME - STH13_PN-1
PLOT DATE : 10/21/2016 8:32 AM
PLOT BY : USER
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

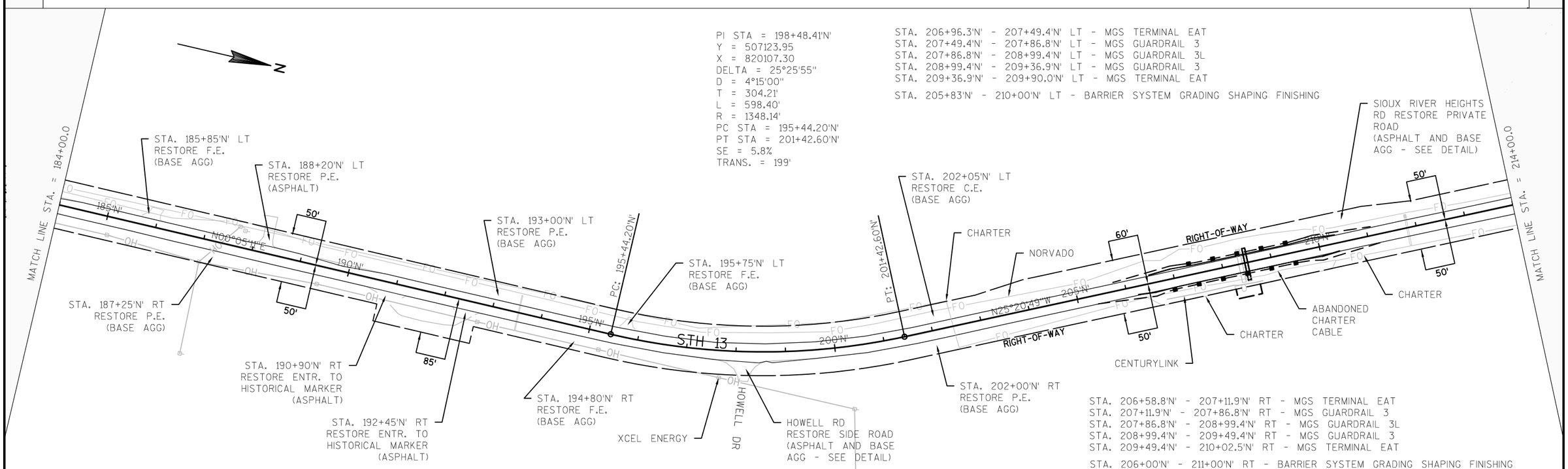




PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\050201_PN_STH13.DWG
LAYOUT NAME - STH13_PN-3
PLOT DATE : 10/21/2016 8:58 AM
PLOT BY : USER
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: STH 13	SHEET	E

STH 13 LINE TABLE	
LINE NO.	BEARING
L1	N25° 20' 49"W

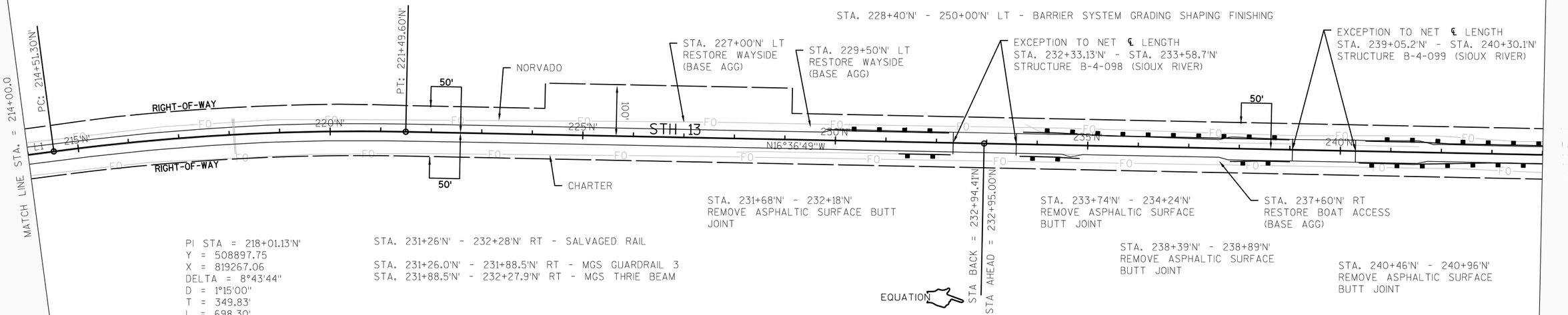
STA. 230+05'N' - 232+24'N' LT - SALVAGED RAIL

STA. 229+81.6'N' - 230+34.7'N' LT - MGS TERMINAL EAT
STA. 230+34.7'N' - 231+84.7'N' LT - MGS GUARDRAIL 3
STA. 231+84.7'N' - 232+24.1'N' LT - MGS THRIE BEAM

STA. 233+72'N' - 234+77'N' LT - SALVAGED RAIL
STA. 237+90'N' - 239+99'N' LT - SALVAGED RAIL

STA. 233+72.3'N' - 234+11.7'N' LT - MGS THRIE BEAM
STA. 234+11.7'N' - 234+24.2'N' LT - MGS GUARDRAIL 3
STA. 234+24.2'N' - 239+46.8'N' LT - MGS GUARDRAIL 3K
STA. 239+46.8'N' - 239+59.3'N' LT - MGS GUARDRAIL 3
STA. 239+59.3'N' - 239+98.7'N' LT - MGS THRIE BEAM

STA. 228+40'N' - 250+00'N' LT - BARRIER SYSTEM GRADING SHAPING FINISHING



PI STA = 218+01.13'N'
Y = 508897.75
X = 819267.06
DELTA = 8°43'44"
D = 1°15'00"
T = 349.83'
L = 698.30'
R = 4583.66'
PC STA = 214+51.30'N'
PT STA = 221+49.60'N'
SE = 2.8%
TRANS. = 122'

STA. 231+26'N' - 232+28'N' RT - SALVAGED RAIL

STA. 231+26.0'N' - 231+88.5'N' RT - MGS GUARDRAIL 3
STA. 231+88.5'N' - 232+27.9'N' RT - MGS THRIE BEAM

STA. 233+66'N' - 234+64'N' RT - SALVAGED RAIL

STA. 233+66.3'N' - 234+05.7'N' RT - MGS THRIE BEAM
STA. 234+05.7'N' - 234+30.7'N' RT - MGS GUARDRAIL 3
STA. 234+30.7'N' - 234+83.8'N' RT - MGS TERMINAL EAT

STA. 237+91'N' - 239+00'N' RT - SALVAGED RAIL

STA. 237+82.5'N' - 238+35.6'N' RT - MGS TERMINAL EAT
STA. 238+35.6'N' - 238+60.6'N' RT - MGS GUARDRAIL 3
STA. 238+60.6'N' - 239+00.0'N' RT - MGS THRIE BEAM

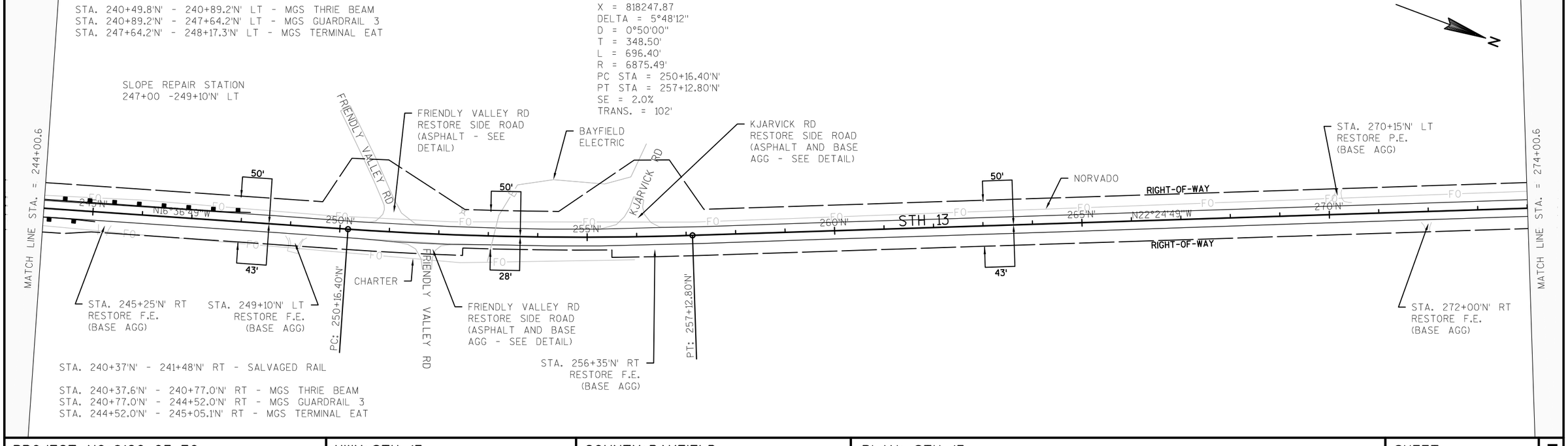
STA. 231+26'N' - 246+24'N' RT - BARRIER SYSTEM GRADING SHAPING FINISHING

STA. 240+50'N' - 241+60'N' LT - SALVAGED RAIL

STA. 240+49.8'N' - 240+89.2'N' LT - MGS THRIE BEAM
STA. 240+89.2'N' - 247+64.2'N' LT - MGS GUARDRAIL 3
STA. 247+64.2'N' - 248+17.3'N' LT - MGS TERMINAL EAT

SLOPE REPAIR STATION
247+00 -249+10'N' LT

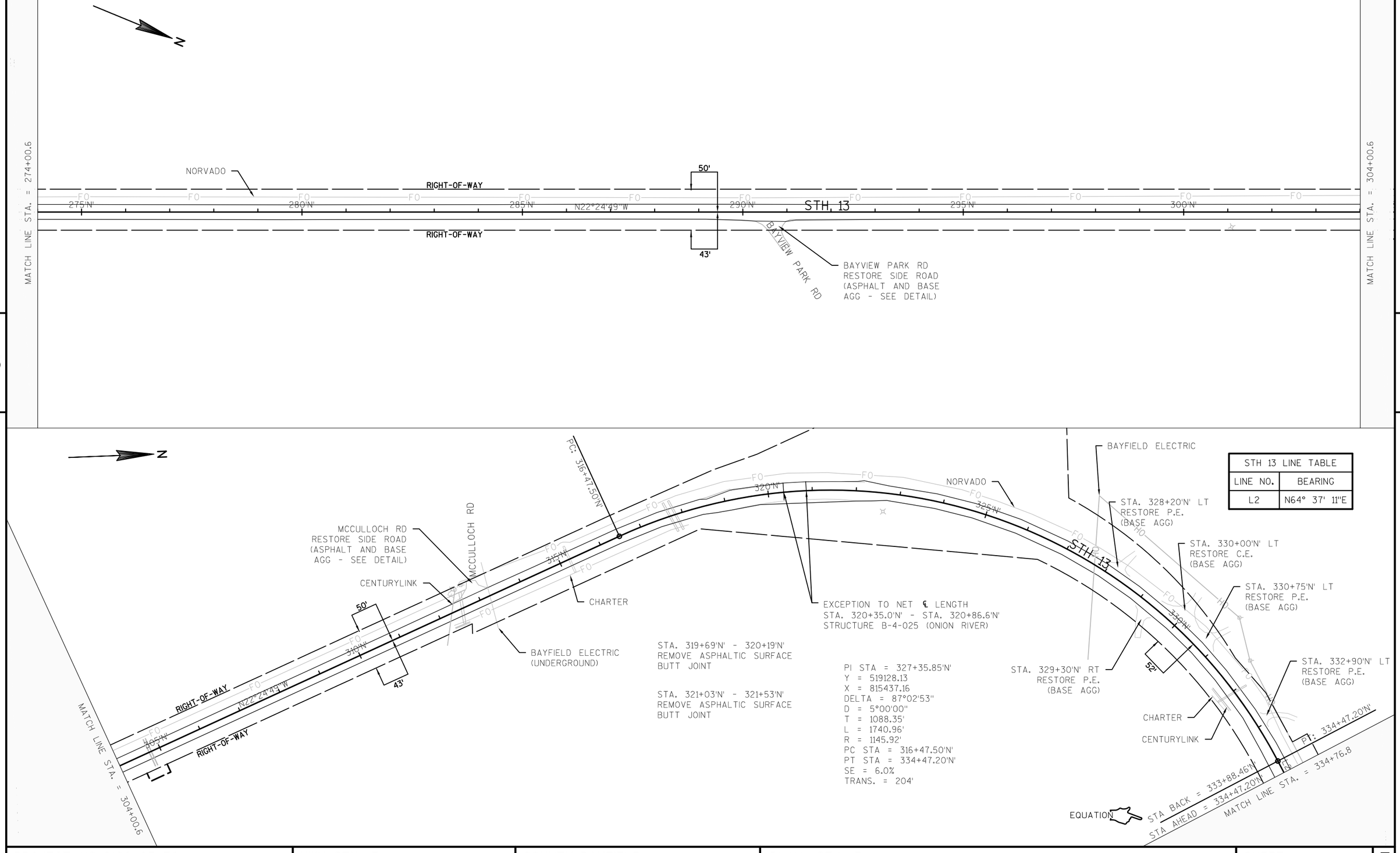
PI STA = 253+64.90'N'
Y = 512313.47
X = 818247.87
DELTA = 5°48'12"
D = 0°50'00"
T = 348.50'
L = 696.40'
R = 6875.49'
PC STA = 250+16.40'N'
PT STA = 257+12.80'N'
SE = 2.0%
TRANS. = 102'



STA. 240+37'N' - 241+48'N' RT - SALVAGED RAIL

STA. 240+37.6'N' - 240+77.0'N' RT - MGS THRIE BEAM
STA. 240+77.0'N' - 244+52.0'N' RT - MGS GUARDRAIL 3
STA. 244+52.0'N' - 245+05.1'N' RT - MGS TERMINAL EAT

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: STH 13	SHEET	E



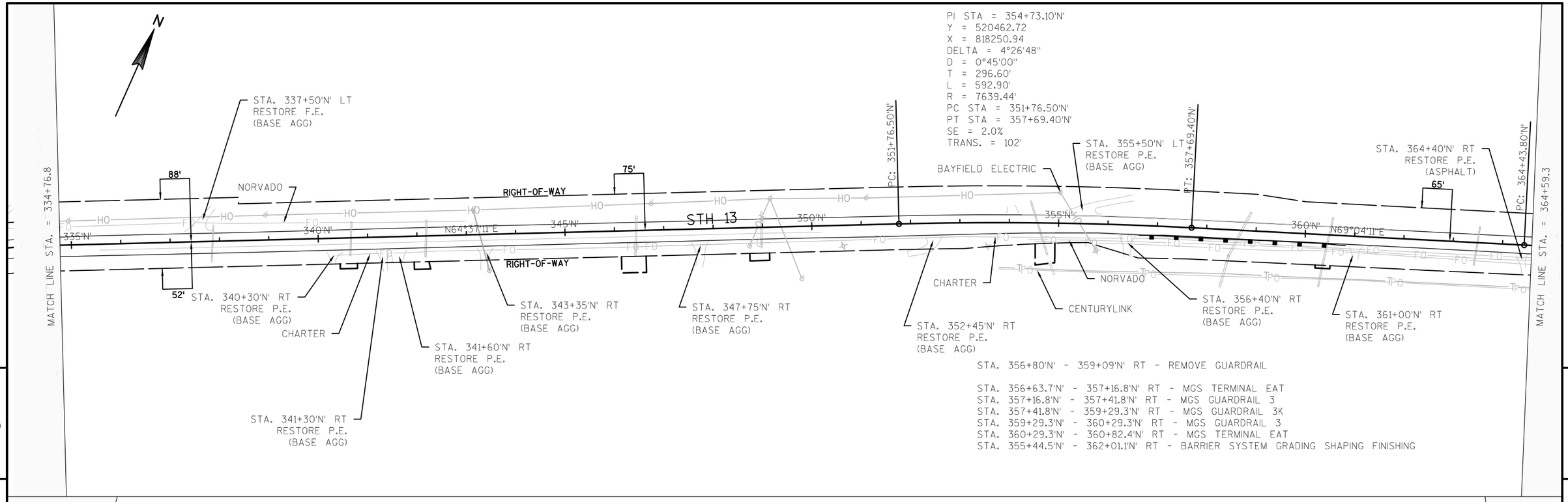
STH 13 LINE TABLE	
LINE NO.	BEARING
L2	N64° 37' 11"E

5

5

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\050201_PN_STH13.DWG
LAYOUT NAME - STH13_PN-9
PLOT DATE : 11/1/2016 8:10 AM
PLOT BY : USER
PLOT NAME :
PLOT SCALE : 1 IN:200 FT



PROJECT NO:8160-03-70	HWY:STH 13	COUNTY:BAYFIELD	PLAN: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\050201_PN_STH13.DWG PLOT DATE : 10/21/2016 8:47 AM PLOT BY : USER PLOT NAME : PLOT SCALE : 1 IN:200 FT
LAYOUT NAME - STH13_PN-11

PI STA = 396+14.30'N'
Y = 522720.41
X = 821675.00
DELTA = 9°56'28"
D = 2°45'00"
T = 181.20'
L = 361.50'
R = 2083.48'
PC STA = 394+33.10'N'
PT STA = 397+94.60'N'
SE = 4.8%
TRANS. = 174'

PI STA = 405+17.19'N'
Y = 523451.24
X = 822206.72
DELTA = 2°26'58"
D = 0°30'00"
T = 244.99'
L = 489.90'
R = 11459.16'
PC STA = 402+72.20'N'
PT STA = 407+62.10'N'
SE = NORMAL CROWN

PI STA = 409+36.73'N'
Y = 523800.80
X = 822438.85
DELTA = 11°51'36"
D = 5°00'00"
T = 119.03'
L = 237.20'
R = 1145.92'
PC STA = 408+17.70'N'
PT STA = 410+54.90'N'
SE = 6.0%
TRANS. = 204'

PI STA = 414+54.35'N'
Y = 524282.41
X = 822630.84
DELTA = 4°39'55"
D = 1°20'00"
T = 175.05'
L = 349.90'
R = 4297.18'
PC STA = 412+79.30'N'
PT STA = 416+29.20'N'
SE = 3.0%
TRANS. = 128'

PI STA = 419+35.11'N'
Y = 524742.18
X = 822772.02
DELTA = 10°32'29"
D = 2°40'00"
T = 198.21'
L = 395.30'
R = 2148.59'
PC STA = 417+36.90'N'
PT STA = 421+32.20'N'
SE = 4.7%
TRANS. = 171'

MATCH LINE STA. = 394+59.3

395'N'

PT: 397+94.60'N'

400'N'

N36°02'11"E

PC: 402+72.20'N'

50'

RIGHT-OF-WAY

405'N'

STH 13

PT: 407+62.10'N'

PC: 408+17.70'N'

PT: 410+54.90'N'

410'N'

N21°44'11"E

PC: 412+79.30'N'

STA. 413+28'N' LT
RESTORE P.E.
(BASE AGG)

EXIST CURB INLET
(NO AEW)

PT: 416+29.20'N'

PC: 417+36.90'N'

415'N'

N17°04'11"E

PT: 421+32.20'N'

PC: 423+52.00'N'

N06°31'11"E

420'N'

MATCH LINE STA. = 424+59.3

STA. 399+05'N' RT
RESTORE P.E.
(BASE AGG)

CENTURYLINK

STA. 408+00'N' RT
RESTORE P.E.
(BASE AGG)

CHARTER

NORVADO

STA. 412+70'N' RT
RESTORE P.E.
(BASE AGG)

50'

BAYFIELD ELECTRIC

STA. 421+10'N' RT
RESTORE P.E.
(BASE AGG)

5

5

PI STA = 426+79.50'N'
Y = 525482.86
X = 822856.70
DELTA = 9°48'04"
D = 1°30'00"
T = 327.50'
L = 653.40'
R = 3819.72'
PC STA = 423+52.00'N'
PT STA = 430+08.70'N'
SE = 3.3%
TRANS. = 135'

STH 13 LINE TABLE	
LINE NO.	BEARING
L3	NO3° 16' 49"W

PI STA = 435+89.58'N'
Y = 526389.76
X = 822804.72
DELTA = 18°58'34"
D = 2°00'00"
T = 478.78'
L = 948.80'
R = 2864.79'
PC STA = 431+10.80'N'
PT STA = 440+59.60'N'
SE = 4.0%
TRANS. = 153'

PI STA = 444+01.39'N'
Y = 527149.22
X = 822493.98
DELTA = 9°18'43"
D = 2°40'00"
T = 174.99'
L = 349.20'
R = 2148.59'
PC STA = 442+26.40'N'
PT STA = 445+75.60'N'
SE = 4.7%
TRANS. = 171'

MATCH LINE STA. = 424+59.3

S. KENNEDY RD
GRADING SHAPING AND FINISHING
INTERSECTION. PLACE 4-INCH
ASPHALT SURFACE. (ASPHALT AND
BASE AGG - SEE DETAIL)

425'N'

S. KENNEDY RD

PT: 430+08.70'N'

PC: 431+10.80'N'

50'

436'N' L3

RIGHT-OF-WAY

435'N'

STH 13

50'

CENTURYLINK

STA. 438+85'N' LT
RESTORE P.E.
(ASPHALT)

PT: 440+59.60'N'

55'

PC: 442+26.40'N'

STA. 443+55'N' LT
RESTORE P.E.
(BASE AGG)

PT: 445+75.60'N'

445'N'

STA. 446+10'N' LT
RESTORE C.E.
(ASPHALT)

PC: 448+80.20'N'

XCEL ENERGY

STA. 451+95'N' LT
RESTORE F.E.
(BASE AGG)

STA. 450+25'N' LT
RESTORE F.E.
(BASE AGG)

PT: 452+56.60'N'

450'N'

N13°59'49"W

N31°33'49"W

NORVADO

STA. 450+65'N' RT
RESTORE P.E.
(ASPHALT)

STA. 454+00'N' RT
RESTORE P.E.
(BASE AGG)

MATCH LINE STA. = 454+54.2

STA. 428+90'N' RT
RESTORE P.E.
(ASPHALT)

CENTURYLINK

STA BACK = 430+05.40'N
STA AHEAD = 430+08.70'N

EQUATION

CHARTER

SPBG SHORT RADIUS-RAD. PT.
438+27.3, 37.9' RT

NORVADO

SLOPE INTERCEPT

SPBG SHORT RADIUS-RAD. PT.
449+86.4, 41.8' RT

CENTURYLINK

STA. 450+25'N' RT
RESTORE P.E.
(BASE AGG)

SPBG SHORT RADIUS-RAD. PT.
437+62.7, 35.3' RT

STA. 437+95'N' RT
RESTORE P.E.
(BASE AGG)

PI STA = 450+69.89'N'
Y = 527719.48
X = 822143.66
DELTA = 17°33'55"
D = 4°40'00"
T = 189.69'
L = 376.40'
R = 1227.77'
PC STA = 448+80.20'N'
PT STA = 452+56.60'N'
SE = 6.0%
TRANS. = 204'

STA. 429+75.2'N' - 430+25.2'N' RT - SPBG ENERGY ABSORBING TERMINAL
STA. 430+25.2'N' - 437+56.5'N' RT - SPBG CLASS 'A'
STA. 437+56.5'N' - 437+80.0'N' RT - SPBG SHORT RADIUS (17.25' RAD, 7 CRT POSTS)
STA. 437+80.0'N' - 437+78.2'N' RT - SPBG SHORT RADIUS TERMINAL

STA. 438+01.2'N' - 438+04.9'N' RT - SPBG SHORT RADIUS TERMINAL
STA. 438+04.6'N' - 438+33.6'N' RT - SPBG SHORT RADIUS (19.9' RAD., 7 CRT POSTS)
STA. 438+33.6'N' - 449+83.6'N' RT - SPBG CLASS 'A'
STA. 449+83.6'N' - 450+11.0'N' RT - SPBG SHORT RADIUS (24.0' RAD., 9 CRT POST)
STA. 450+11.0'N' - 450+05.8'N' RT - SPBG SHORT RADIUS TERMINAL

STA. 429+00'N' - 450+06'N' RT - BARRIER SYSTEM GRADING SHAPING FINISHING

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: STH 13	SHEET	E

STH 13 LINE TABLE	
LINE NO.	BEARING
L4	N13° 59' 49"W

STA. 468+33'N' - 470+62'N' LT - SALVAGED RAIL

STA. 465+94.9'N' - 466+44.9'N' LT - MGS TERMINAL EAT
STA. 466+44.9'N' - 468+48.0'N' LT - MGS GUARDRAIL 3
STA. 468+48.0'N' - 469+48.0'N' LT - MGS GUARDRAIL 3K
STA. 469+48.0'N' - 470+23.0'N' LT - MGS GUARDRAIL 3
STA. 470+23.0'N' - 470+62.4'N' LT - MGS THRIE BEAM TRANSITION

STA. 464+10'N' - 476+78'N' LT - BARRIER SYSTEM GRADING SHAPING FINISHING

STA. 470+22'N' - 470+72'N'
REMOVE ASPHALTIC SURFACE BUTT JOINT

EXCEPTION TO NET ℄ LENGTH
STA. 470+71.9'N' - STA. 472+30.6'N'
STRUCTURE B-4-009 (PIKES CREEK)

STA. 472+30'N' - 472+80'N'
REMOVE ASPHALTIC SURFACE BUTT JOINT

STA. 472+17'N' - 474+17'N' LT - SALVAGED RAIL

STA. 472+16.9'N' - 472+56.3'N' LT - MGS THRIE BEAM TRANSITION
STA. 472+56.'N'3 - 473+43.8'N' LT - MGS GUARDRAIL 3
STA. 473+43.8'N' - 474+43.8'N' LT - MGS L (STA. 473+84.4'N'-473+96.9'N, POST 1 TO POST 1)
STA. 474+43.8'N' - 475+06.3'N' LT - MGS GUARDRAIL 3
STA. 475+06.3'N' - 475+59.4'N' LT - MGS TERMINAL EAT

STA. 463+87'N', 27.5' LT
1 - 18" X 40' CPCS
2 - AEW'S REQ'D

STA. 463+85'N' LT
RESTORE P.E.
(BASE AGG)

PT: 467+06.90'N'

PC: 468+19.20'N'

PT: 470+99.30'N'

SKI HILL RD
RESTORE SIDE ROAD
(ASPHALT - SEE
DETAIL)

SKI HILL RD

XCEL ENERGY

STH 13

55'

465'N'

460'N'

N20°24'11"E

65'

55'

XCEL ENERGY

STA. 477+15'N' LT
RESTORE C.E.
(ASPHALT)

MILLIGAN RD

HATCHERY RD
RESTORE SIDE ROAD
(ASPHALT - SEE
DETAIL)

HATCHERY RD

50'

480'N'

N33°28'11"E

RIGHT-OF-WAY

XCEL ENERGY
GAS

485'N'

N32°41'11"E

RIGHT-OF-WAY

XCEL ENERGY

CHARTER

MATCH LINE STA. = 454+54.2

455'N'

CENTURYLINK
(AERIAL)

XCEL ENERGY
GAS

PCC: 459+82.50'N'

CHARTER

STA. 461+40'N' RT
RESTORE C.E.
(ASPHALT)

STA. 464+10'N' RT
RESTORE C.E.
(ASPHALT)

STA. 466+20'N' RT
RESTORE P.E.
(BASE AGG)

STA. 469+63'N' - 470+88'N' RT - SALVAGED RAIL

STA. 467+95.2'N' - 468+48.3'N' RT - MGS TERMINAL EAT
STA. 468+48.3'N' - 470+48.3'N' RT - MGS GUARDRAIL 3
STA. 470+48.3'N' - 470+87.7'N' RT - MGS THRIE BEAM TRANSITION

STA BACK = 471+10.30'N'
STA AHEAD = 471+94.50'N'

EQUATION

NORVADO

CHARTER

STA. 477+05'N' RT
RESTORE F.E.
(BASE AGG)

PI: 478+00.00'N'

PI STA. 479+46.83
X = 822677.95
Y = 530191.12

CHARTER

MATCH LINE STA. = 485+46.8

PI STA = 457+36.14'N'
Y = 528368.84
X = 821981.79
DELTA = 19°54'43"
D = 4°00'00"
T = 251.44'
L = 497.80'
R = 1432.39'
PC STA = 454+84.70'N'
PT STA = 459+82.50'N'
SE = 5.7%
TRANS. = 197'

PI STA = 463+46.64'N'
Y = 528981.14
X = 822045.23
DELTA = 14°29'17"
D = 2°00'00"
T = 364.14'
L = 724.40'
R = 2864.79'
PC STA = 459+82.50'N'
PT STA = 467+06.90'N'
SE = 4.0%
TRANS. = 153'

PI STA = 469+59.86'N'
Y = 529559.52
X = 822260.37
DELTA = 13°04'17"
D = 4°40'00"
T = 140.66'
L = 280.10'
R = 1227.77'
PC STA = 468+19.20'N'
PT STA = 470+99.30'N'
SE = 6.0%
TRANS. = 204'

STA. 472+43'N' - 473+66'N' RT - SALVAGED RAIL

STA. 472+42.7'N' - 472+82.1'N' RT - MGS THRIE BEAM TRANSITION
STA. 472+82.1'N' - 474+19.6'N' RT - MGS GUARDRAIL 3
STA. 474+19.6'N' - 474+72.7'N' RT - MGS TERMINAL EAT

STA. 466+66'N' - 475+92'N' RT - BARRIER SYSTEM GRADING SHAPING FINISHING

5

5

N

STA. 494+00'N' LT
RESTORE F.E.
(BASE AGG)

XCEL ENERGY

NORVADO

60'

PT: 498+30.10'N'

STA. 501+05'N' LT
RESTORE P.E.
(BASE AGG)

CENTURYLINK

CHARTER
(COAX.)

NORVADO

STA. 511+68'N' LT
RESTORE P.E.
(ASPHALT & BASE
AGG)

STA. 513+15'N' LT
RESTORE F.E.
(BASE AGG)

60'

XCEL ENERGY
GAS

RIGHT-OF-WAY

50'

490'N'

PC: 486+60.40'N'

N32°41'11"E

495'N'

500'N'

STH 13

505'N'

N56°05'11"E

510'N'

515'N'

RIGHT-OF-WAY

NORVADO

65'

CHARTER

STA. 495+85'N' RT
RESTORE F.E.
(BASE AGG)

PORT SUPERIOR RD
RESTORE SIDE ROAD
(ASPHALT - SEE DETAIL)

PORT SUPERIOR RD

EQUATION

STA BACK = 498+34.90'N'
STA AHEAD = 498+30.10'N'

CHARTER

80'

70'

62'

STA. 511+30'N' RT
RESTORE C.E.
(ASPHALT)

OKEES BAY RD

CENTURYLINK

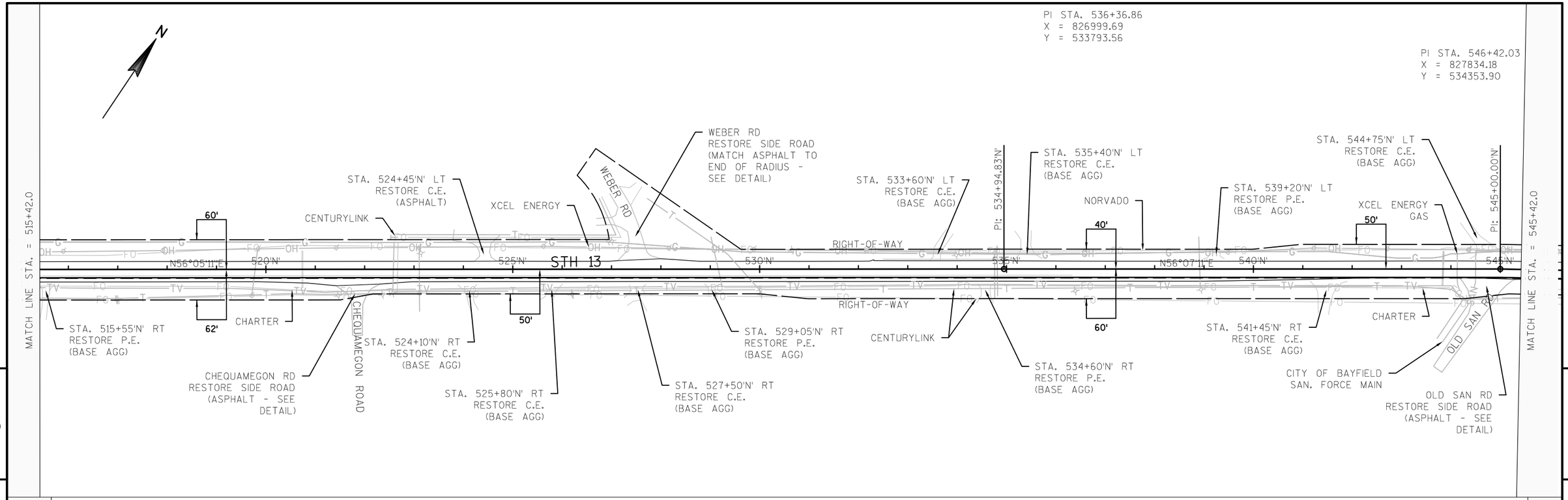
XCEL ENERGY

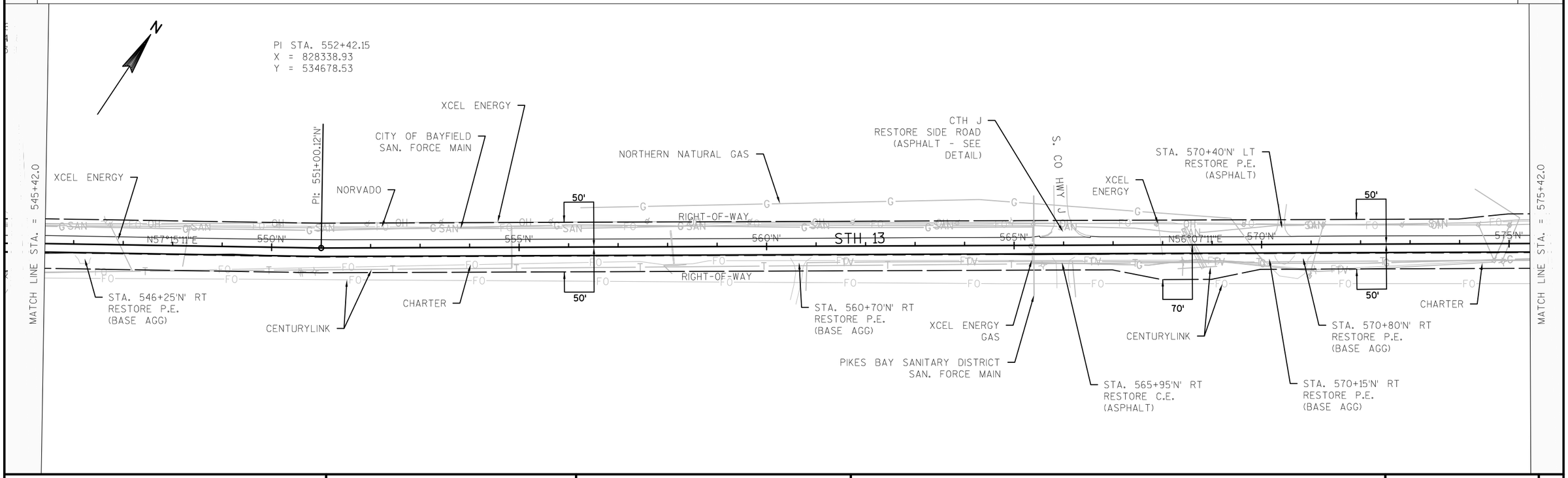
MATCH LINE STA. = 485+46.8

MATCH LINE STA. = 515+42.0

PI STA = 492+55.95'N'
Y = 531416.50
X = 823464.22
DELTA = 23°23'32"
D = 1°59'30"
T = 595.55'
L = 1174.50'
R = 2876.78'
PC STA = 486+60.40'N'
PT STA = 498+30.10'N'
SE = 4.0%
TRANS. = 153'

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: STH 13	SHEET	E





PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\050201_PN_STH13.DWG
LAYOUT NAME - STH13_PN-17
PLOT DATE : 10/21/2016 8:52 AM
PLOT BY : USER
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

STA. 598+99'N' - 601+98'N' RT - SALVAGED RAIL

STA. 597+80.1'N' - 598+33.2'N' RT - MGS TERMINAL EAT
STA. 598+33.2'N' - 601+43.5'N' RT - MGS GUARDRAIL 3
STA. 601+43.5'N' - 601+96.1'N' RT - MGS TERMINAL EAT
STA. 597+70'N' - 602+10'N' RT - BARRIER SYSTEM GRADING SHAPING FINISHING

STA. 602+34'N' - 602+84'N'
REMOVE ASPHALTIC SURFACE BUTT JOINT

PI STA = 589+23.29'N'
Y = 536809.79
X = 831512.94
DELTA = 21°20'56"
D = 3°45'00"
T = 287.99'
L = 569.30'
R = 1527.89'
PC STA = 586+35.30'N'
PT STA = 592+04.60'N'
SE = 5.5%
TRANS. = 191'

MATCH LINE STA. = 575+42.0

CITY OF BAYFIELD
WATER & SEWER UTILITY

XCEL ENERGY

STA. 578+00'N' RT
RESTORE P.E.
(ASPHALT)

STA. 577+40'N' RT
RESTORE P.E.
(ASPHALT)

PIKES BAY SANITARY DISTRICT
SAN. FORCE MAIN

STA. 584+10'N' LT
RESTORE F.E.
(BASE AGG)

STA. 585+20'N' LT
RESTORE F.E.
(BASE AGG)

PIKES BAY SANITARY DISTRICT
SAN. FORCE MAIN

CENTURYLINK

XCEL ENERGY
GAS

CHARTER
(COAX.)

NORVADO

STA. 593+85'N' LT
RESTORE C.E.
(BASE AGG)

9TH STREET
RESTORE SIDE ROAD
(ASPHALT - SEE DETAIL)

NORVADO

XCEL ENERGY

PAYNE AVE
(OLD MILITARY RD)
RESTORE SIDE ROAD
(ASPHALT - SEE DETAIL)

STA. 600+55'N' LT
RESTORE P.E.
(ASPHALT)

STA. 601+95'N' LT
RESTORE C.E.
(ASPHALT)

END PROJECT
STA. 602+84.2'N'

STA. 597+50'N' RT
RESTORE P.E.
(ASPHALT)

EQUATION
STA BACK = 601+08.00'N'
STA AHEAD = 601+26.00'N'

STA. 602+25'N' RT
RESTORE P.E.
(BASE AGG)

XCEL ENERGY
GAS

STA. 592+45'N' RT
RESTORE C.E.
(BASE AGG)

STA. 589+95'N' RT
RESTORE P.E.
(ASPHALT)

LAKE SHORE DR
RESTORE SIDE ROAD
(ASPHALT AND BASE
AGG - SEE DETAIL)

STH 13

RIGHT-OF-WAY

RIGHT-OF-WAY

60'

50'

50'

50'

80'

73'

100'

580'N

585'N

590'N

595'N

600'N

605'N

N56°07'11"E

N34°46'11"E

N69°32'11"E

PC: 599+11.90'N

PT: 592+04.60'N

PT: 601+26.00'N

CAUTION

LAKESHORE DRIVE

9TH ST

9TH ST

PI STA = 600+18.21'N'
Y = 537714.70
X = 832141.16
DELTA = 54°54'29"
D = 28°00'00"
T = 106.31'
L = 196.10'
R = 204.63'
PC STA = 599+11.90'N'
PT STA = 601+26.00'N'
SE = 8.0%
TRANS. = 204'

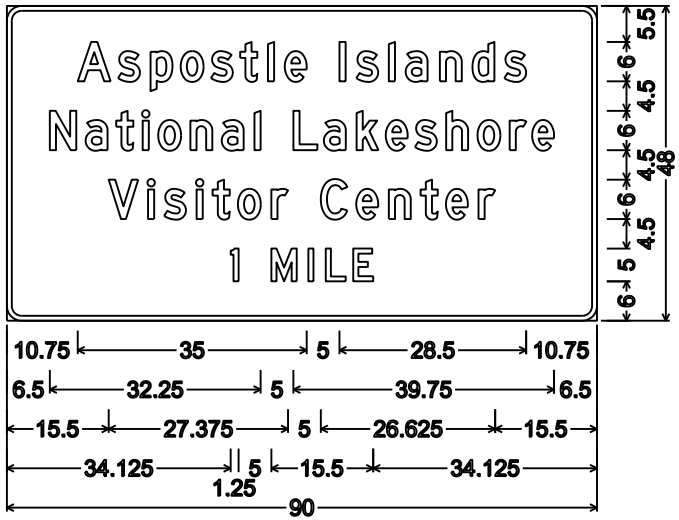
STA. 584+86.0'N' - 584+93.3'N' RT - SPBG SHORT RADIUS TERMINAL
STA. 584+93.3'N' - 585+28.3'N' RT - SPBG SHORT RADIUS (26.5' RAD, 7 CRT POSTS)
STA. 585+28.3'N' - 586+72.1'N' RT - SPBG CLASS 'A'
STA. 586+72.1'N' - 587+22.1'N' RT - SPBG ENERGY ABSORBING TERMINAL
STA. 585+01'N' - 588+77'N' RT - BARRIER SYSTEM GRADING SHAPING FINISHING

STA. 590+20.1'N' - 590+73.2'N' RT - MGS TERMINAL EAT
STA. 590+73.2'N' - 591+48.2'N' RT - MGS GUARDRAIL 3K
STA. 591+48.2'N' - 592+01.3'N' RT - MGS TERMINAL EAT
STA. 589+75'N' - 592+16'N' RT - BARRIER SYSTEM GRADING SHAPING FINISHING

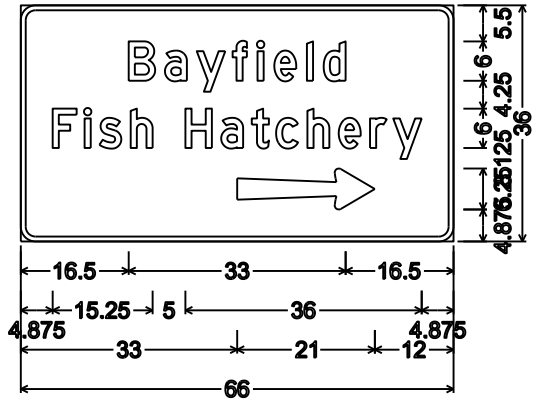
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PLAN: STH 13	SHEET	E

NOTES

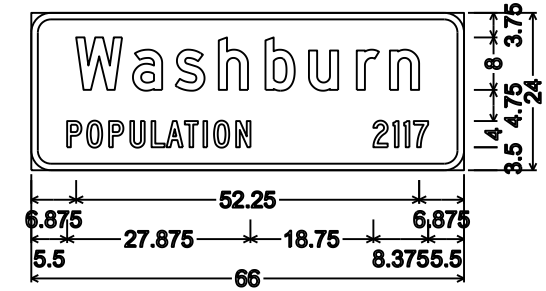
1. Signs are Type II - Type H Reflective
2. Color:
   Background - GREEN except as Shown
   Message - WHITE
3. Message Series - E except as Shown



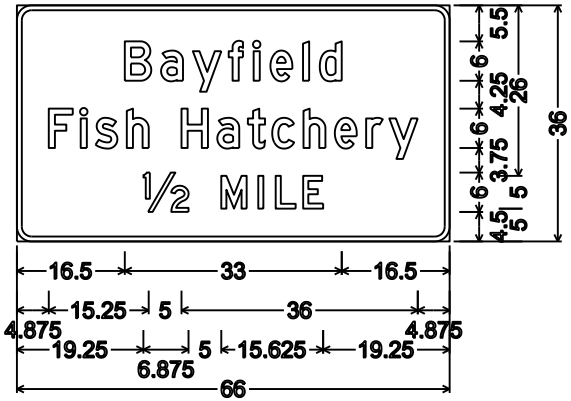
2.250" Radius, 0.750" Border, White on Brown;
"Aspostle" D; "Islands" D; "National" D;
"Lakeshore" D; "Visitor" D; "Center" D; "1" D; "MILE" D;



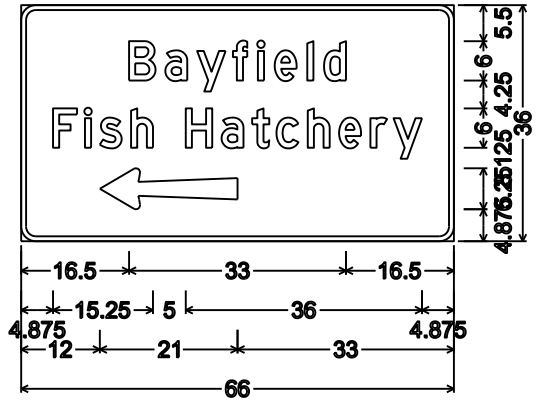
2.250" Radius, 0.750" Border, White on Brown;
"Bayfield" D; "Fish" D; "Hatchery" D



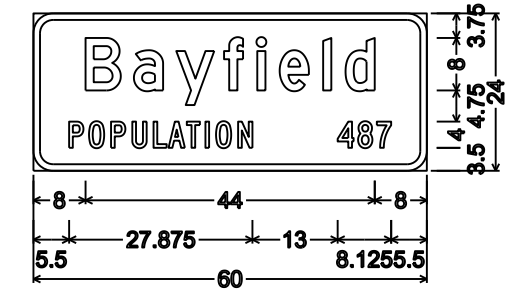
I2-3;
3.000" Radius, 1.000" Border,
"Washburn" D; "POPULATION" C; "2117" C



2.250" Radius, 0.750" Border, White on Brown;
"Bayfield" D; "Fish" D; "Hatchery" D; "½" D;
"MILE" D



2.250" Radius, 0.750" Border, White on Brown;
"Bayfield" D; "Fish" D; "Hatchery" D



I2-3;
3.000" Radius, 1.000" Border,
"Bayfield" D; "POPULATION" C; "487" C

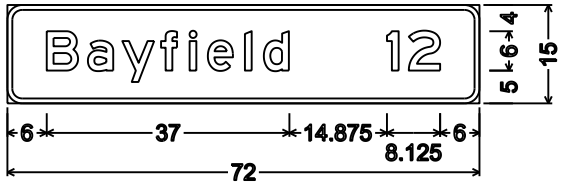
7

7

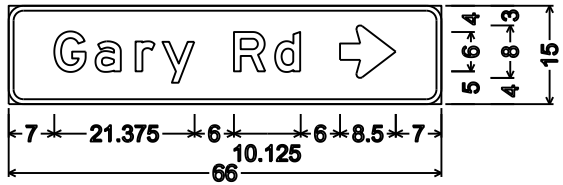
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET NO:	E

NOTES

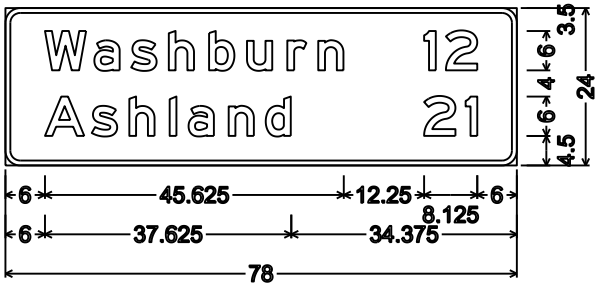
1. Signs are Type II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - E



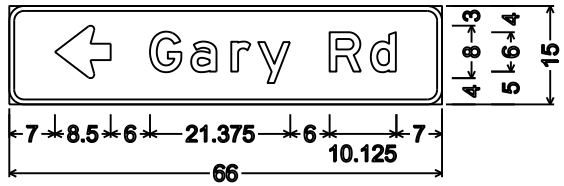
D2-1;
2.250" Radius, 0.750" Border



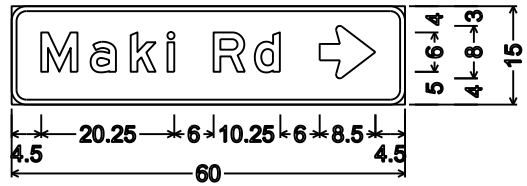
D1-1;
2.250" Radius, 0.750" Border



D2-2;
2.250" Radius, 0.750" Border

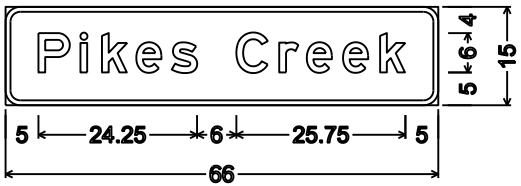


D1-1;
2.250" Radius, 0.750" Border

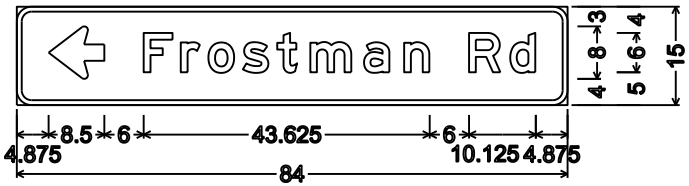


D1-1;
2.250" Radius, 0.750" Border

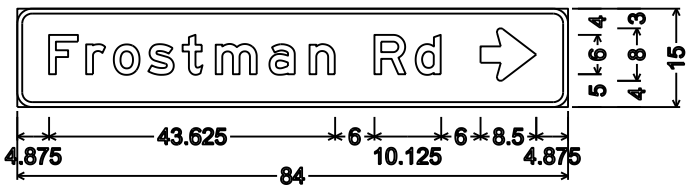
D1-1;
2.250" Radius, 0.750" Border



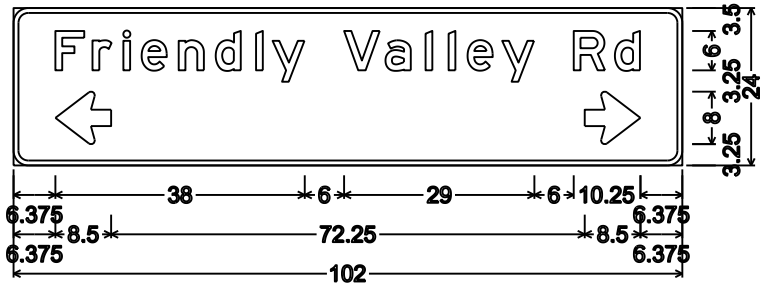
I3-1;
2.250" Radius, 0.750" Border



D1-1;
2.250" Radius, 0.750" Border



D1-1;
2.250" Radius, 0.750" Border



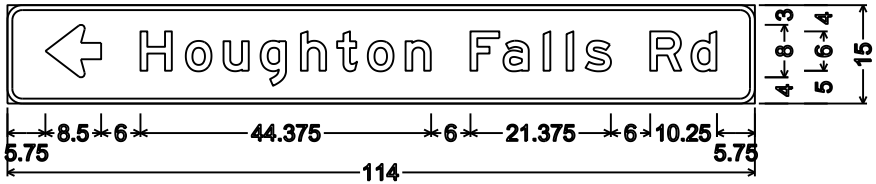
D1-61; 2.250" Radius, 0.750" Border

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET NO:	E

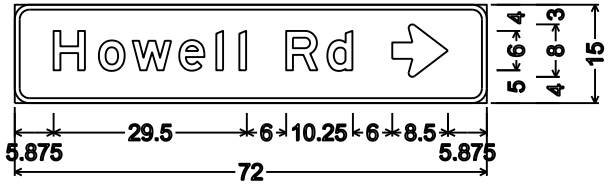
NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - E

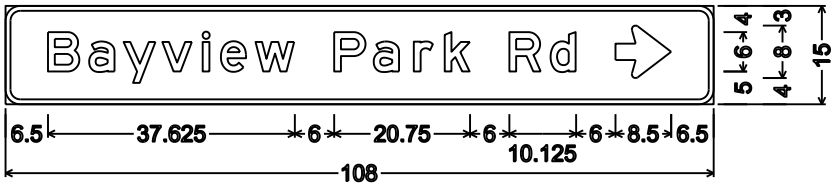
D1-1; 2.250" Radius, 0.750" Border



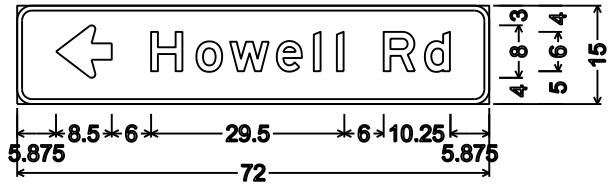
D1-1; 2.250" Radius, 0.750" Border



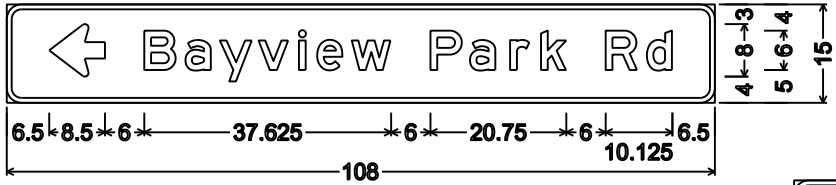
D1-1;
2.250" Radius, 0.750" Border



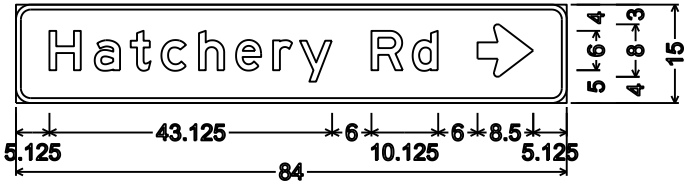
D1-1; 2.250" Radius, 0.750" Border



D1-1;
2.250" Radius, 0.750" Border



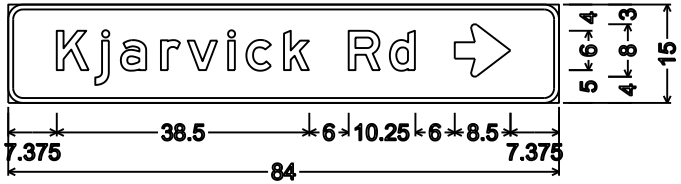
D1-1; 2.250" Radius, 0.750" Border



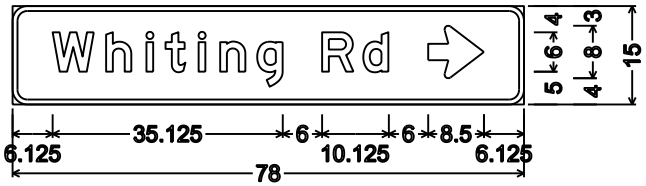
D1-1;
2.250" Radius, 0.750" Border

D1-1;
2.250" Radius, 0.750" Border

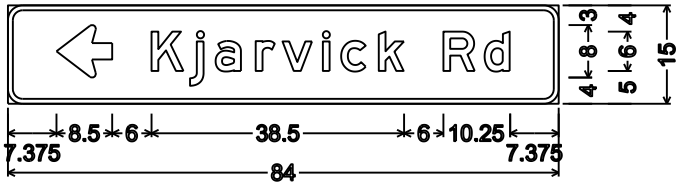
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET NO:	E



D1-1;
2.250" Radius, 0.750" Border

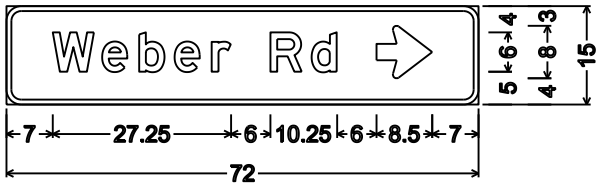


D1-1;
2.250" Radius, 0.750" Border

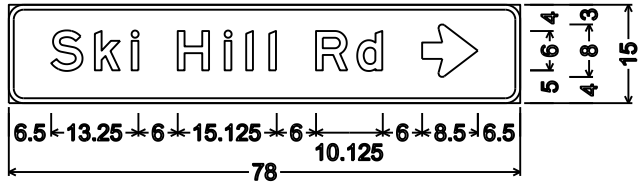


D1-1;
2.250" Radius, 0.750" Border

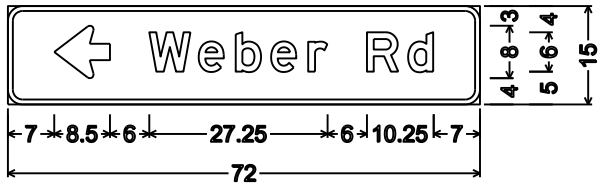
D1-1;
2.250" Radius, 0.750" Border



D1-1;
2.250" Radius, 0.750" Border



D1-1;
2.250" Radius, 0.750" Border



D1-1;
2.250" Radius, 0.750" Border

D1-1;
2.250" Radius, 0.750" Border

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - E

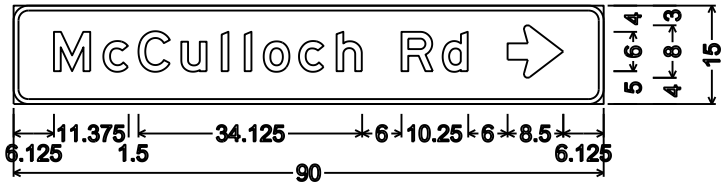
7

7

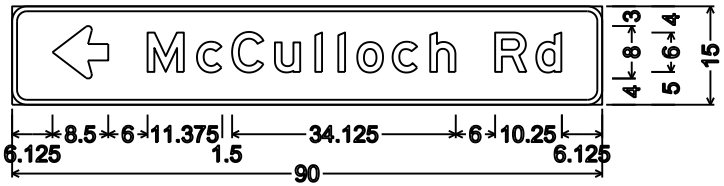
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET NO:	E

NOTES

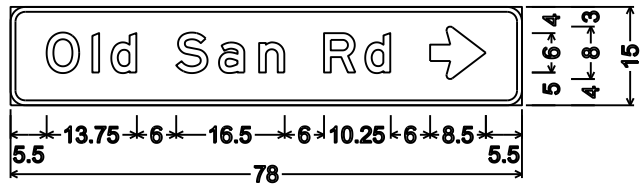
1. Signs are Type II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - E



D1-1; 2.250" Radius, 0.750" Border

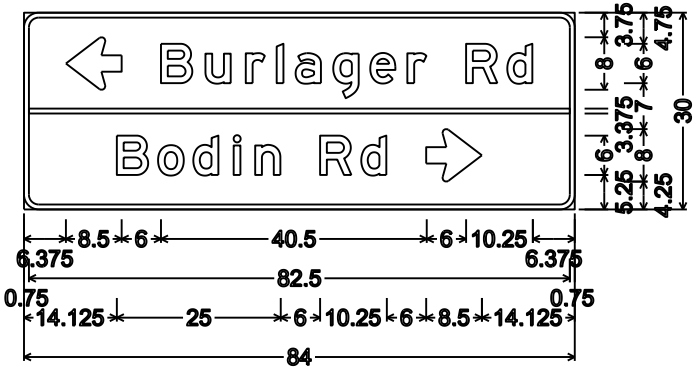


D1-1; 2.250" Radius, 0.750" Border

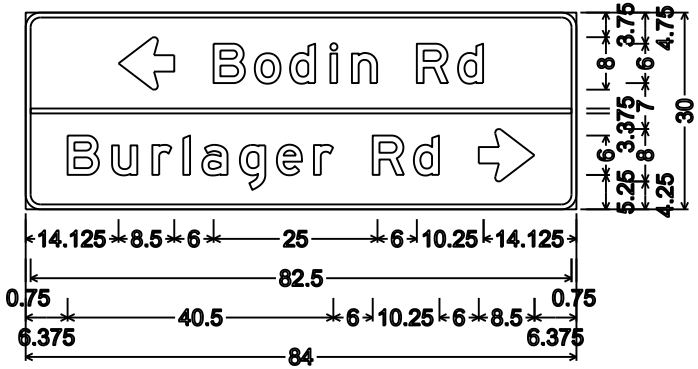


D1-1;
2.250" Radius, 0.750" Border

D1-1;
2.250" Radius, 0.750" Border

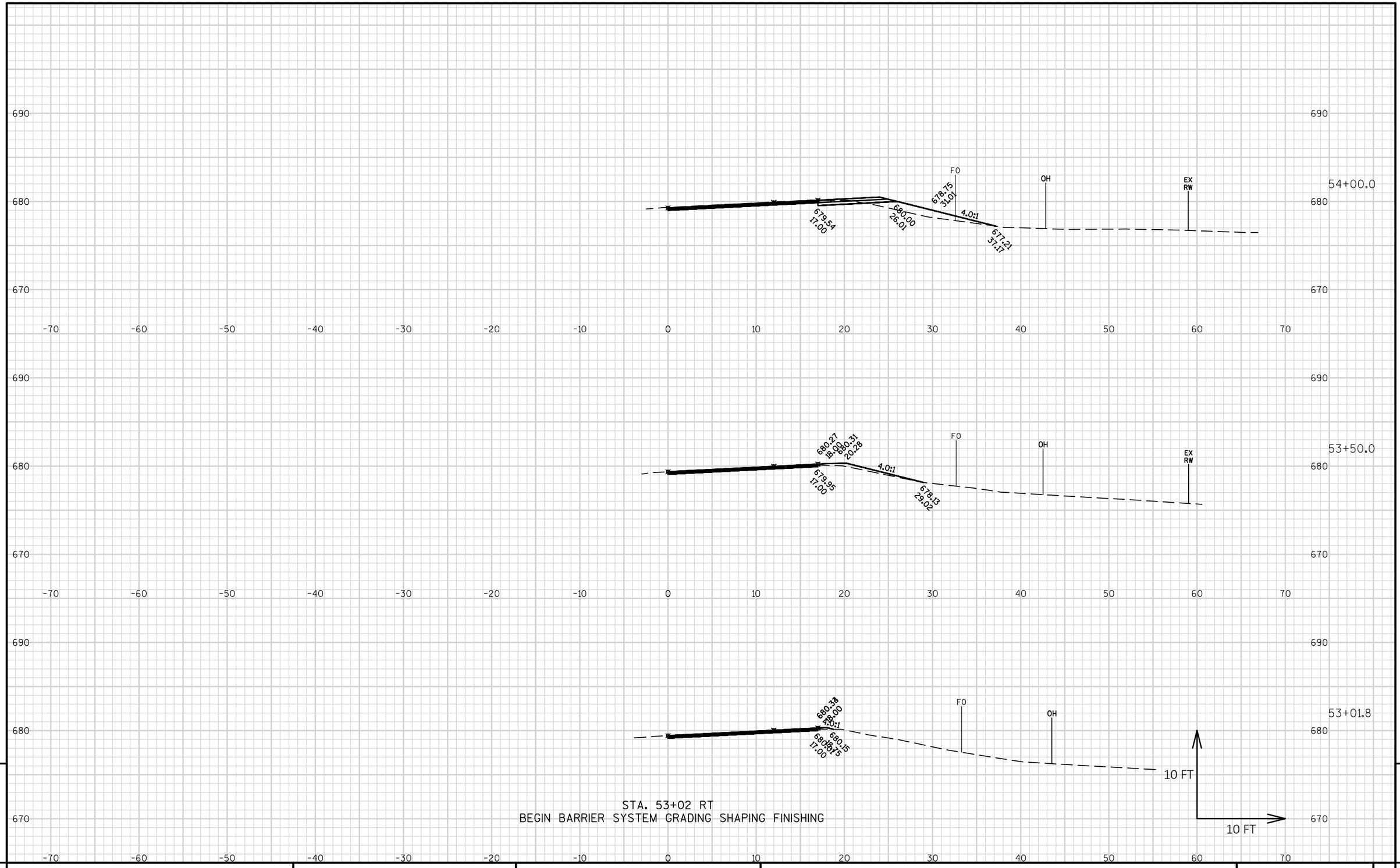


D1-2;
2.250" Radius, 0.750" Border



D1-2;
2.250" Radius, 0.750" Border

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	PERMANENT SIGNING	SHEET NO:	E



STA. 53+02 RT
BEGIN BARRIER SYSTEM GRADING SHAPING FINISHING

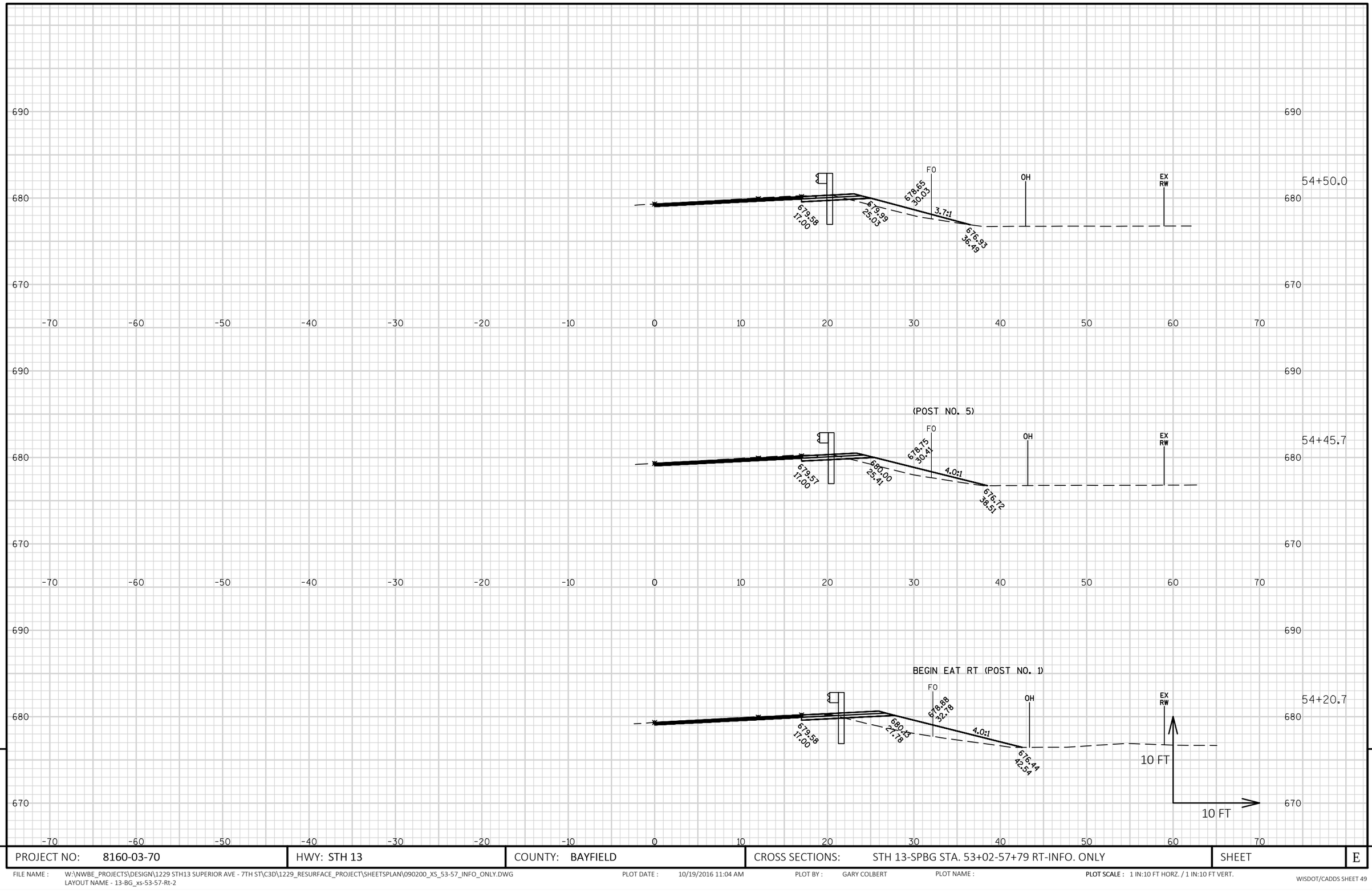
9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 53+02-57+79 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090200_XS_53-57_INFO_ONLY.DWG
LAYOUT NAME - 13-BG_xs-53-57-Rt-1

PLOT DATE : 10/19/2016 11:04 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

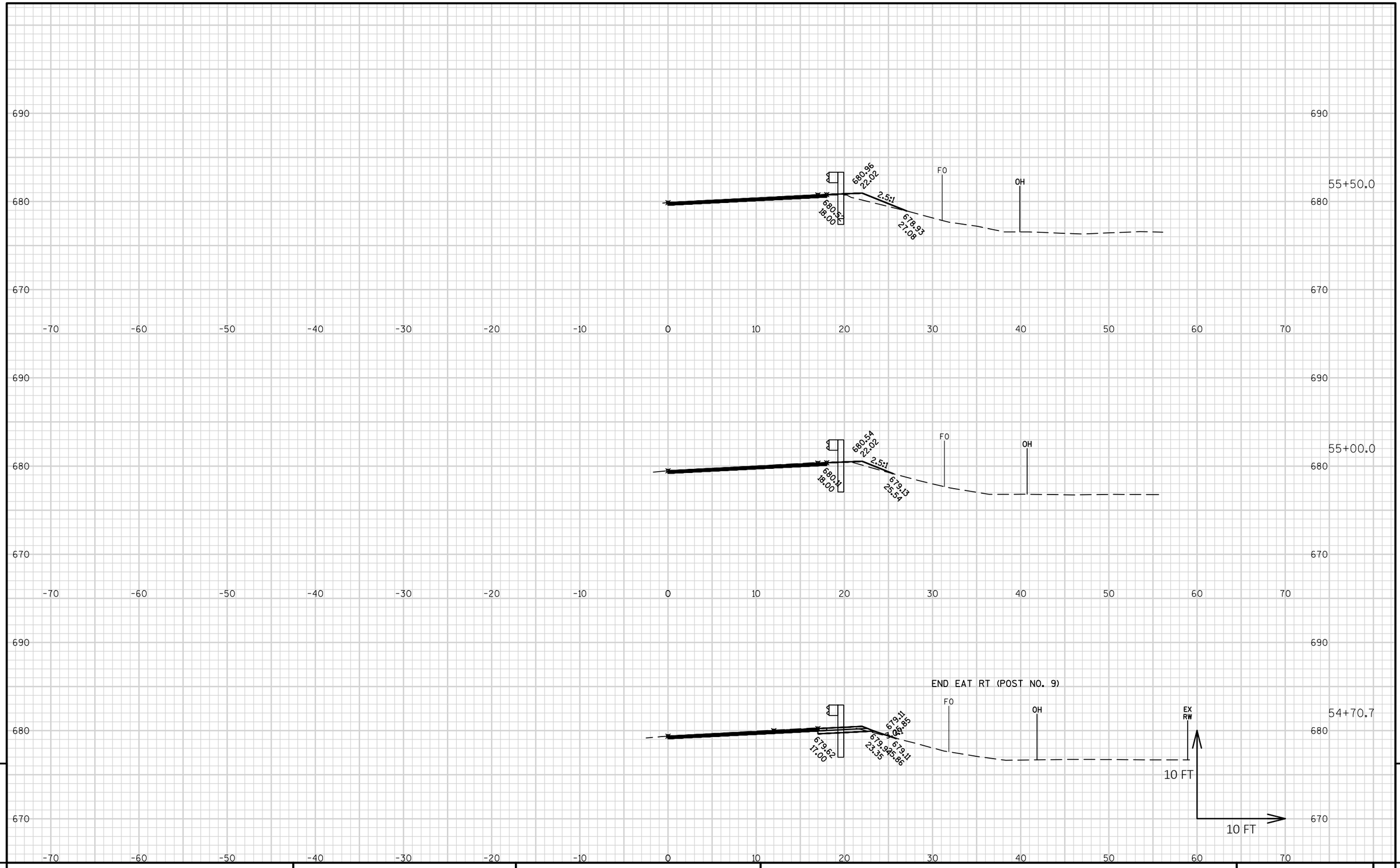


9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 53+02-57+79 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090200_XS_53-57_INFO_ONLY.DWG
LAYOUT NAME - 13-BG_xs-53-57-Rt-2
PLOT DATE : 10/19/2016 11:04 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



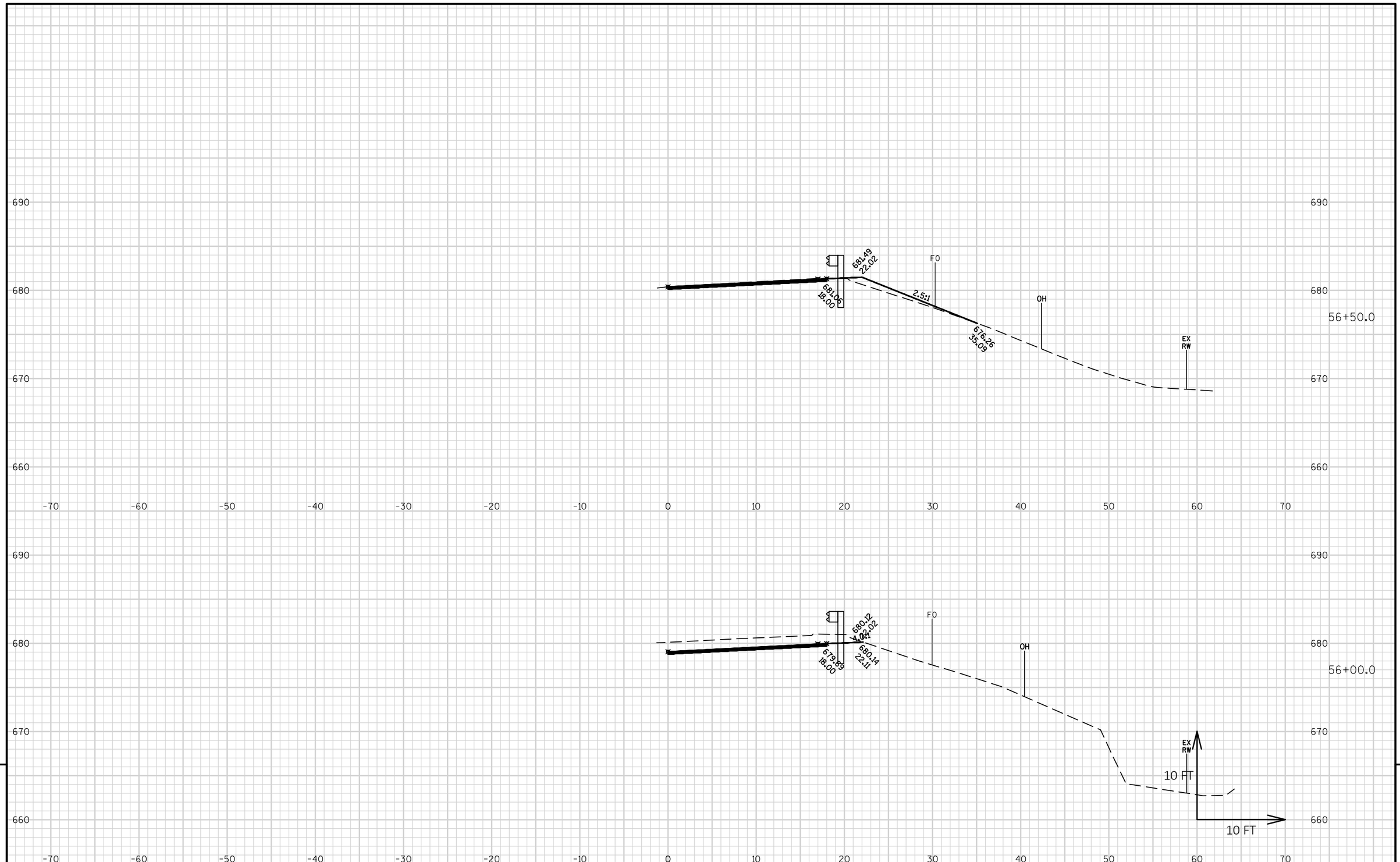
9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 53+02-57+79 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090200_XS_53-57_INFO_ONLY.DWG
LAYOUT NAME - 13-BG_xs-53-57-Rt-3

PLOT DATE : 10/19/2016 11:04 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



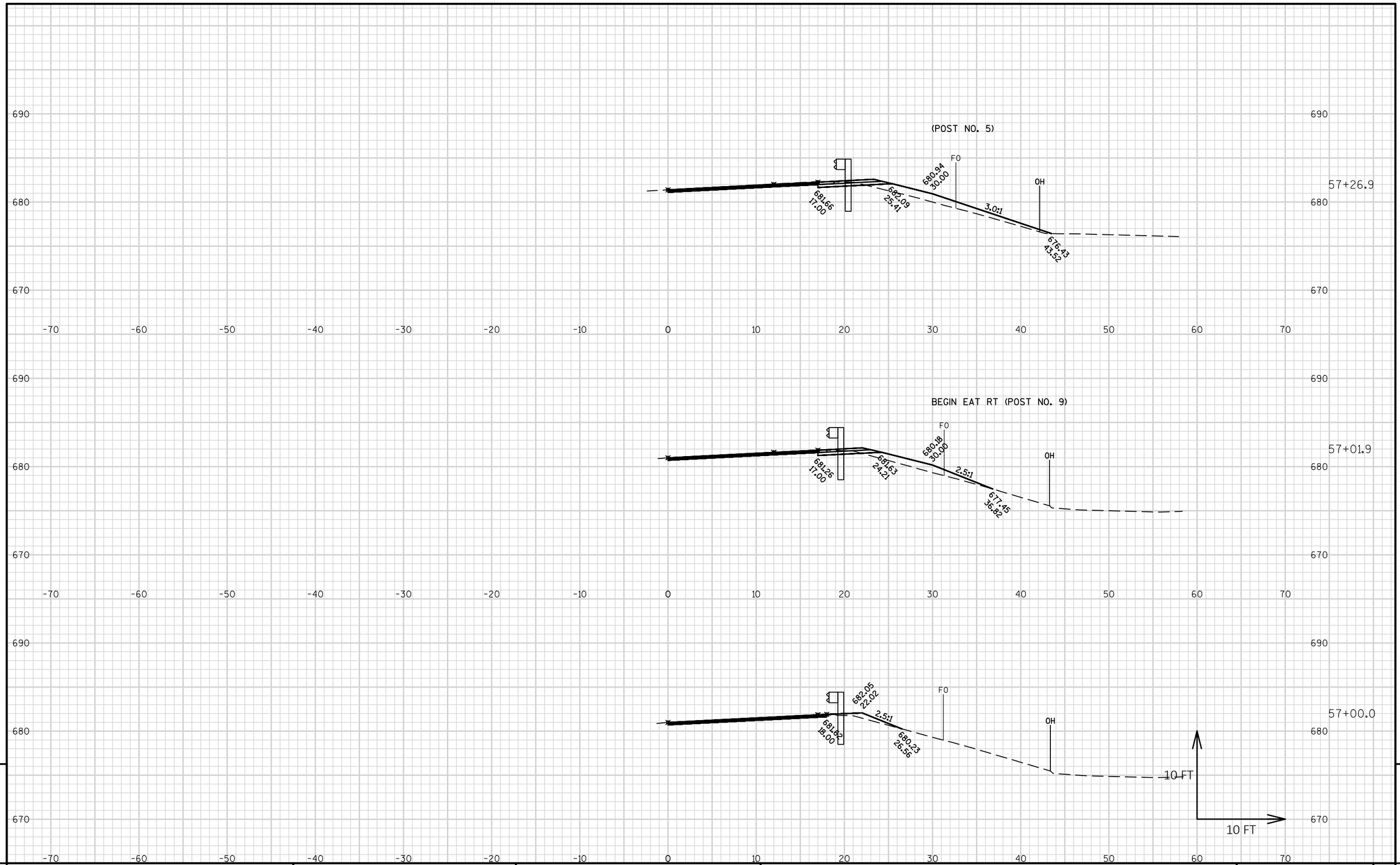
9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 53+02-57+79 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090200_XS_53-57_INFO_ONLY.DWG
LAYOUT NAME - 13-BG_xs-53-57-Rt-4

PLOT DATE : 10/19/2016 11:04 AM PLOT BY : GARY COLBERT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



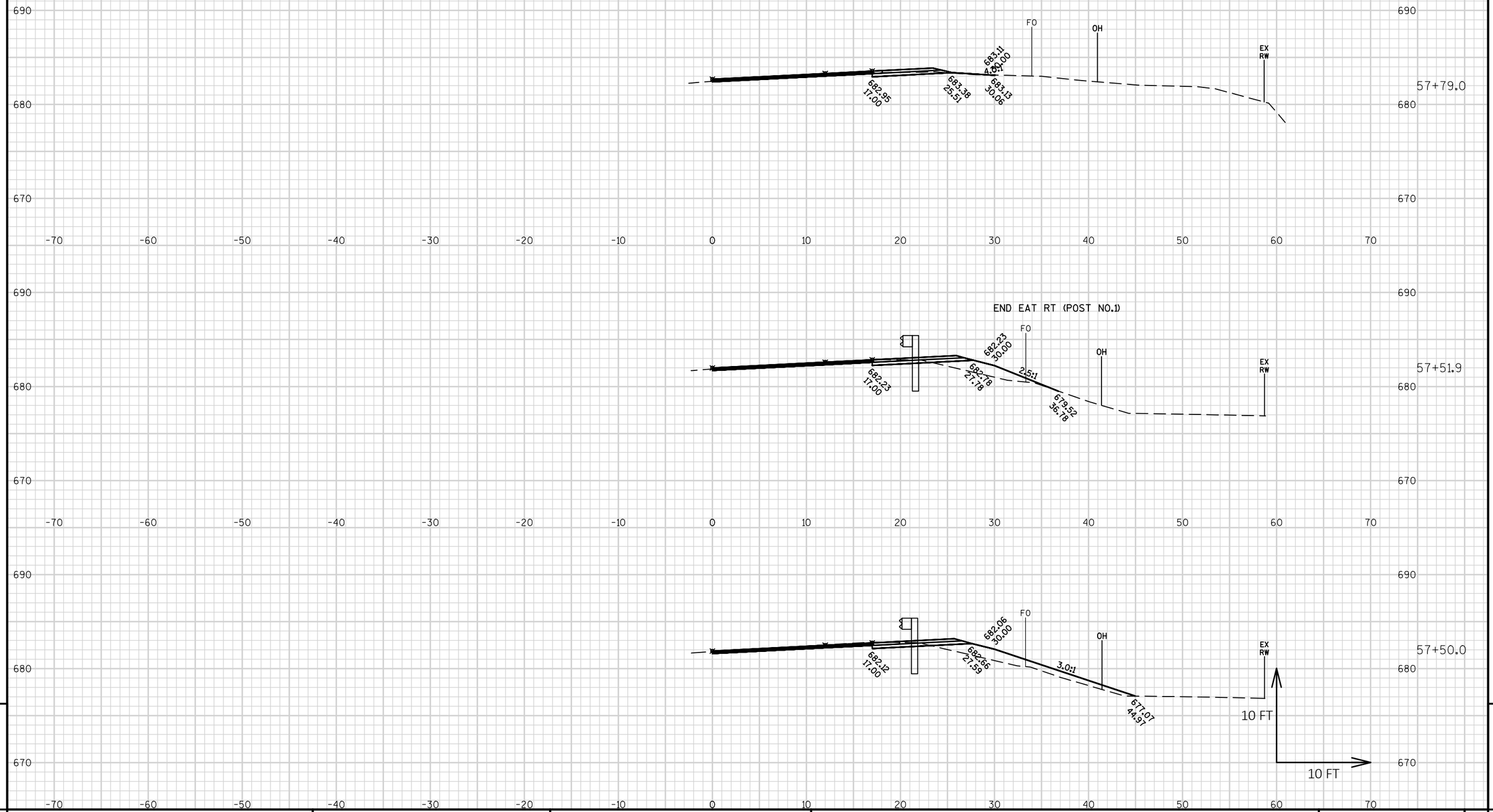
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 53+02-57+79 RT-INFO. ONLY	SHEET	E

9

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090200_XS_53-57_INFO_ONLY.DWG
LAYOUT NAME - 13-BG_xs-53-57-Rt-5
PLOT DATE : 10/19/2016 11:04 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

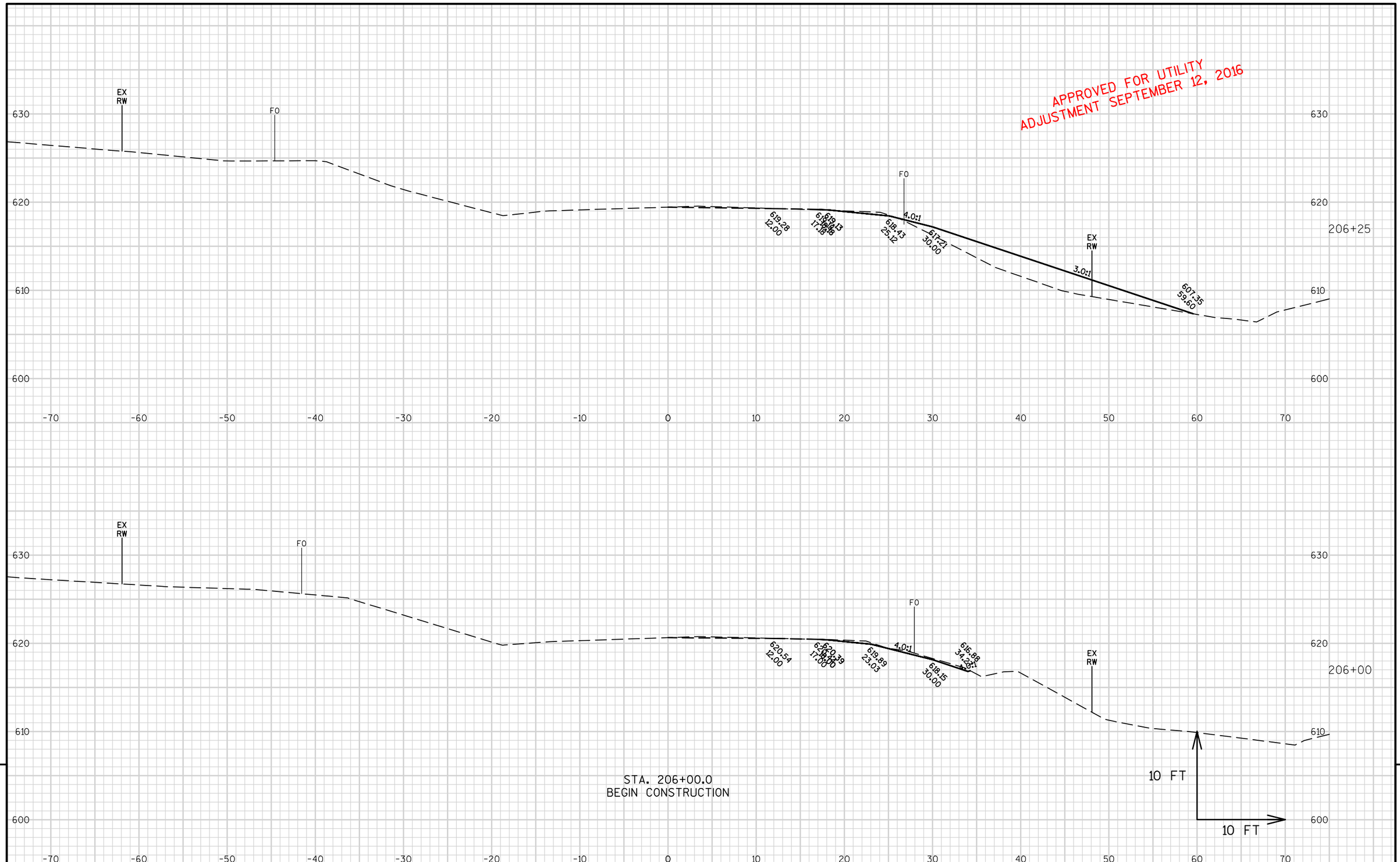
STA. 57+79 RT
END BARRIER SYSTEM GRADING SHAPING FINISHING



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 53+02-57+79 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090200_XS_53-57_INFO_ONLY.DWG
LAYOUT NAME - 13-BG_xs-53-57-Rt-6
PLOT DATE : 10/19/2016 11:04 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



STA. 206+00.0
BEGIN CONSTRUCTION

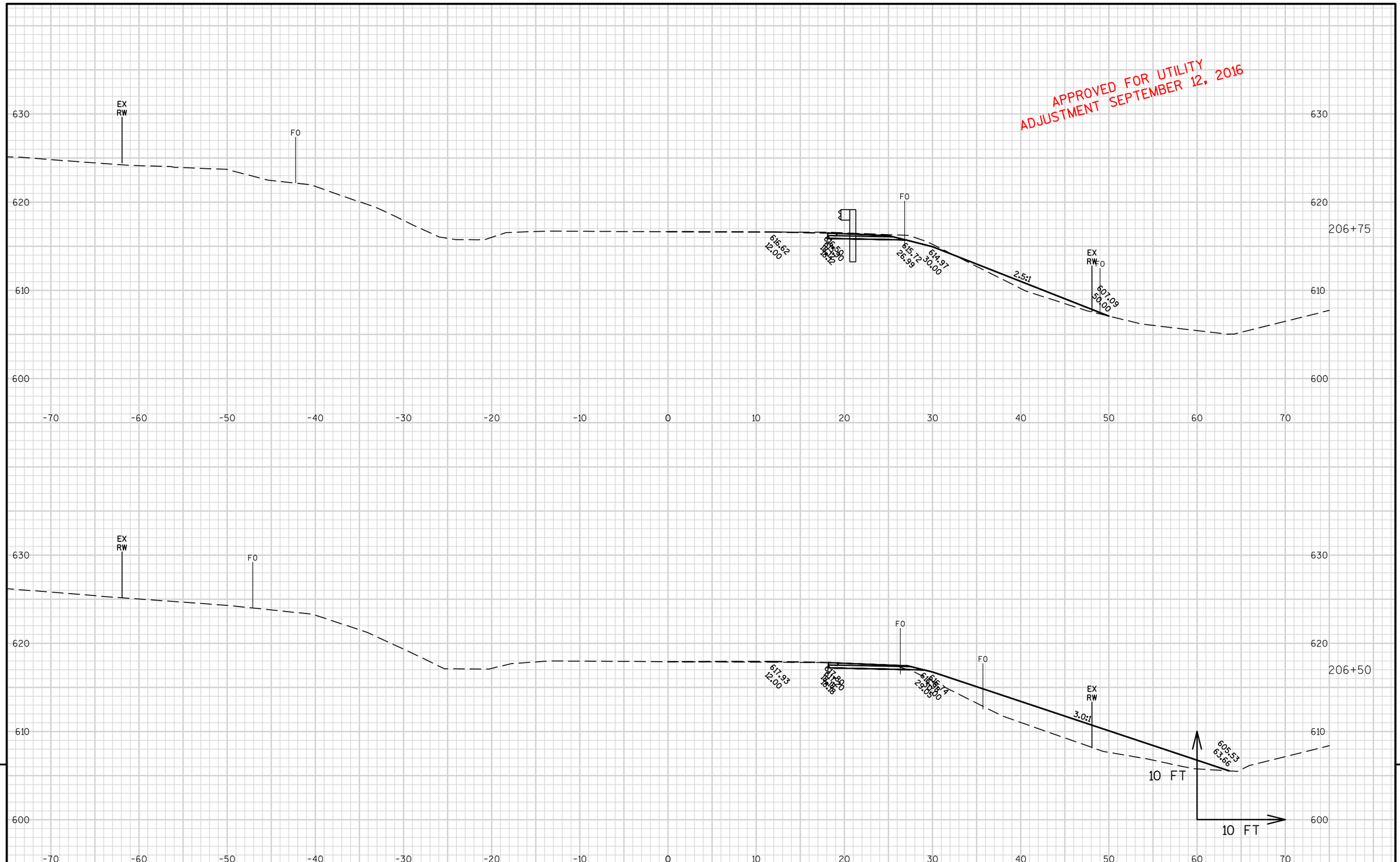
9

9

PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGS	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:53 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-1

APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



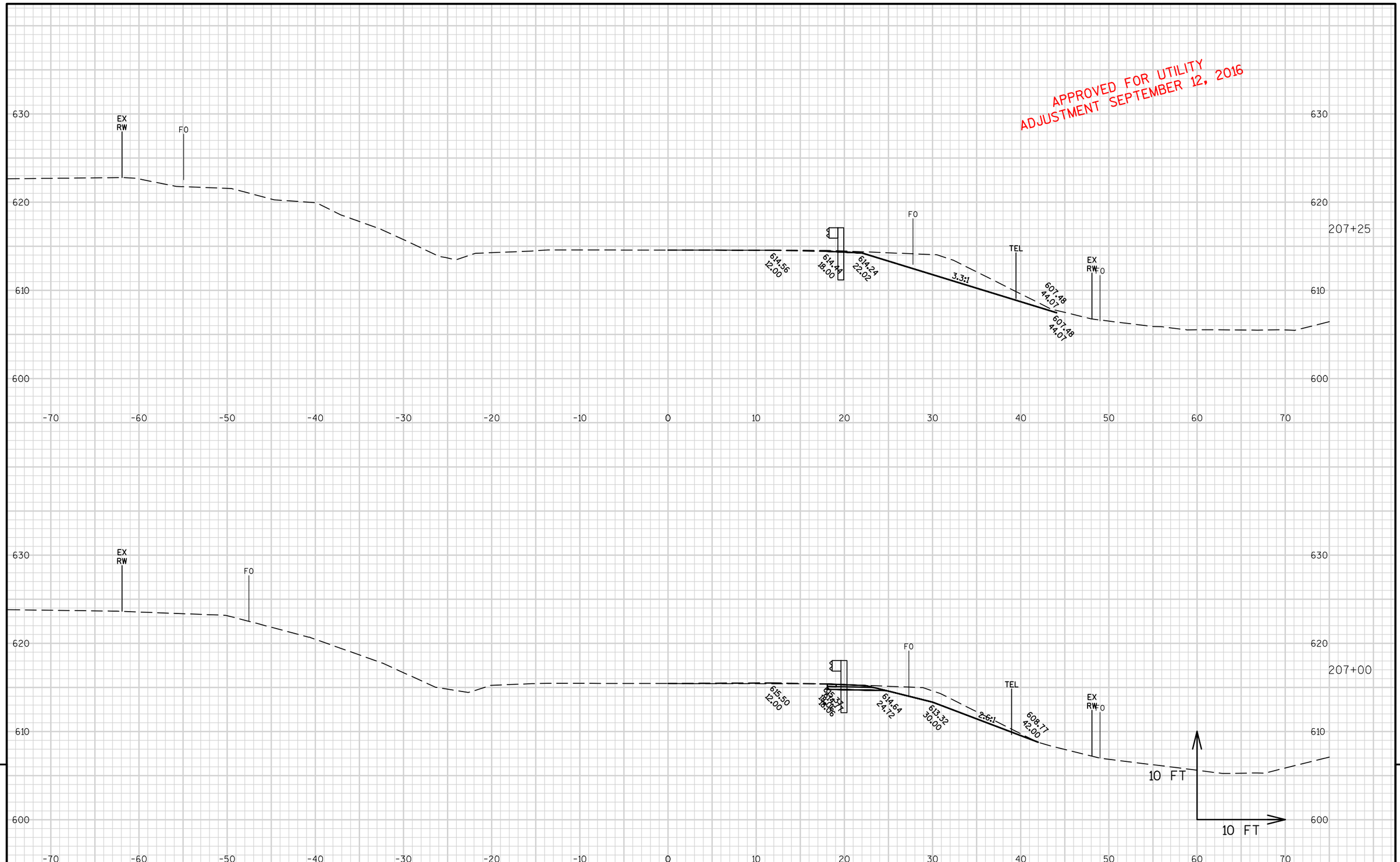
9

9

PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:53 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-2

APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



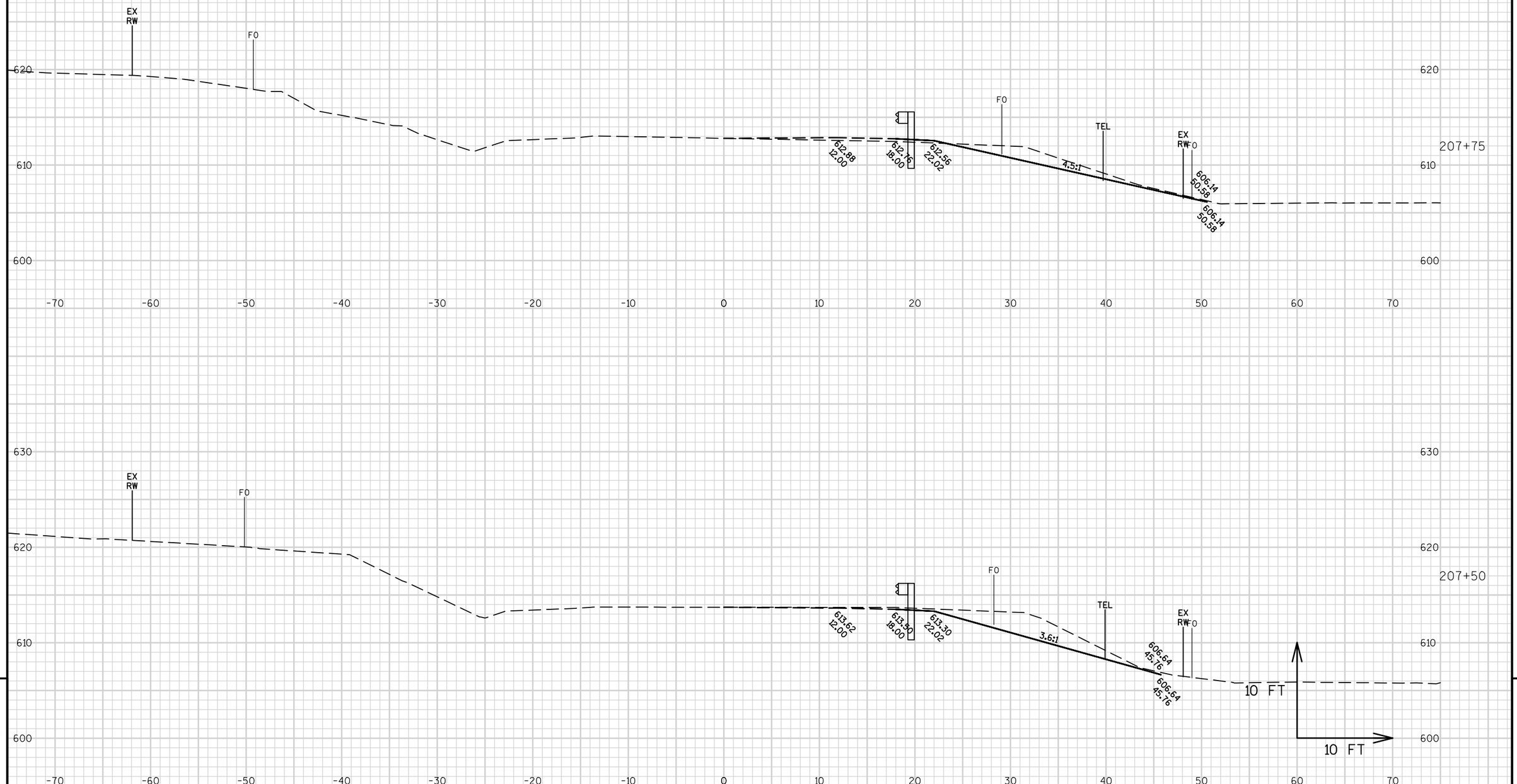
9

9

PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGSSHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:53 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-3

APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



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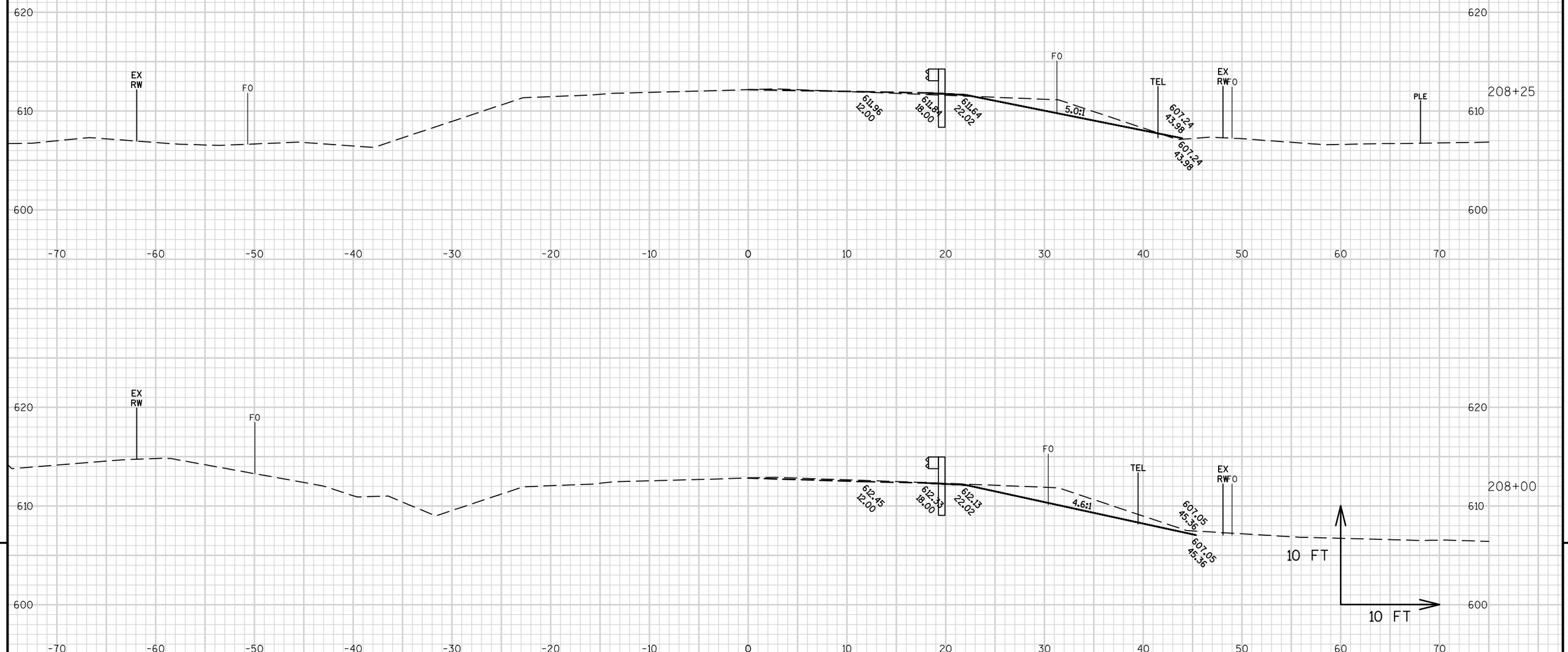
9

PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:54 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-4

APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



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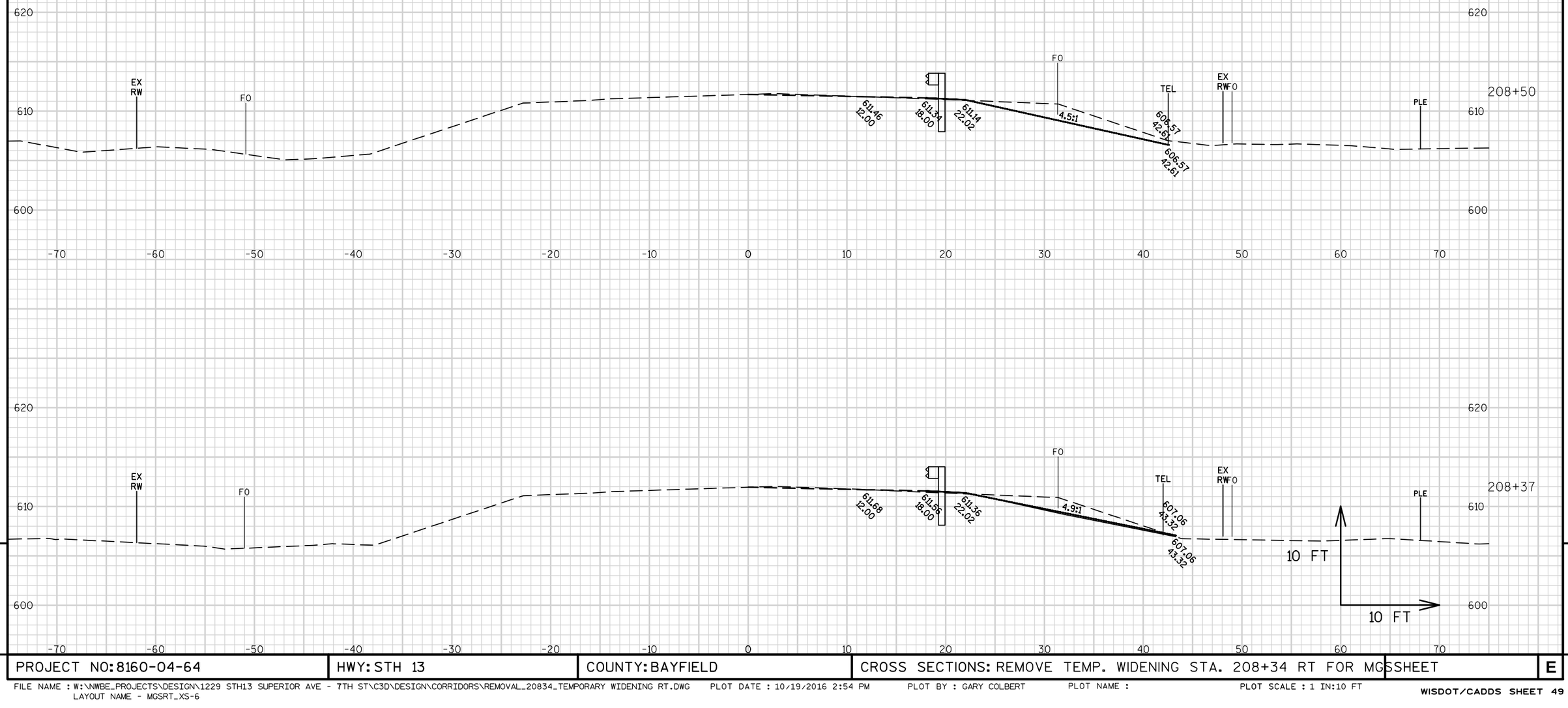
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGS	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:54 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-5

APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



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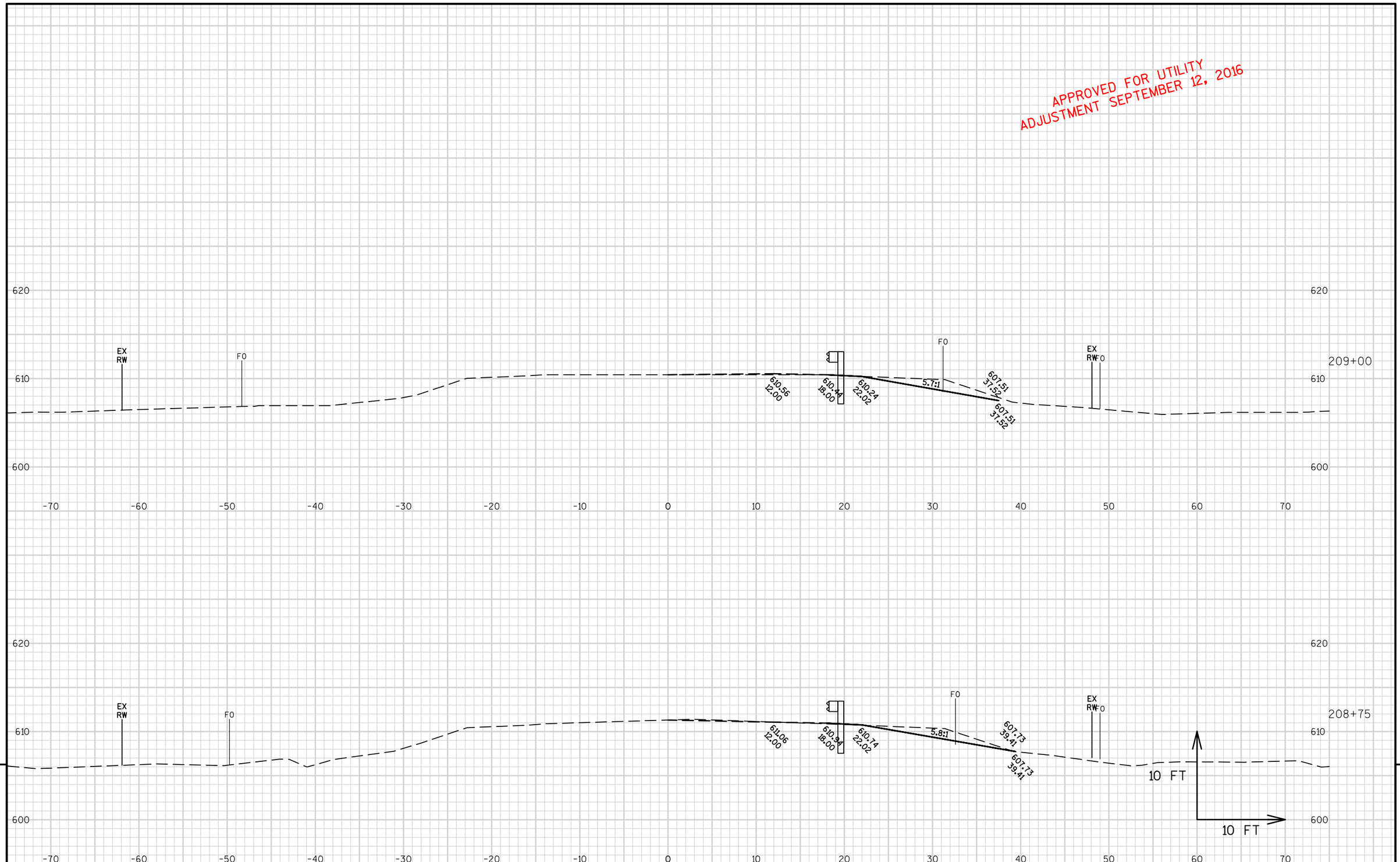
9

PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:54 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-6

APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



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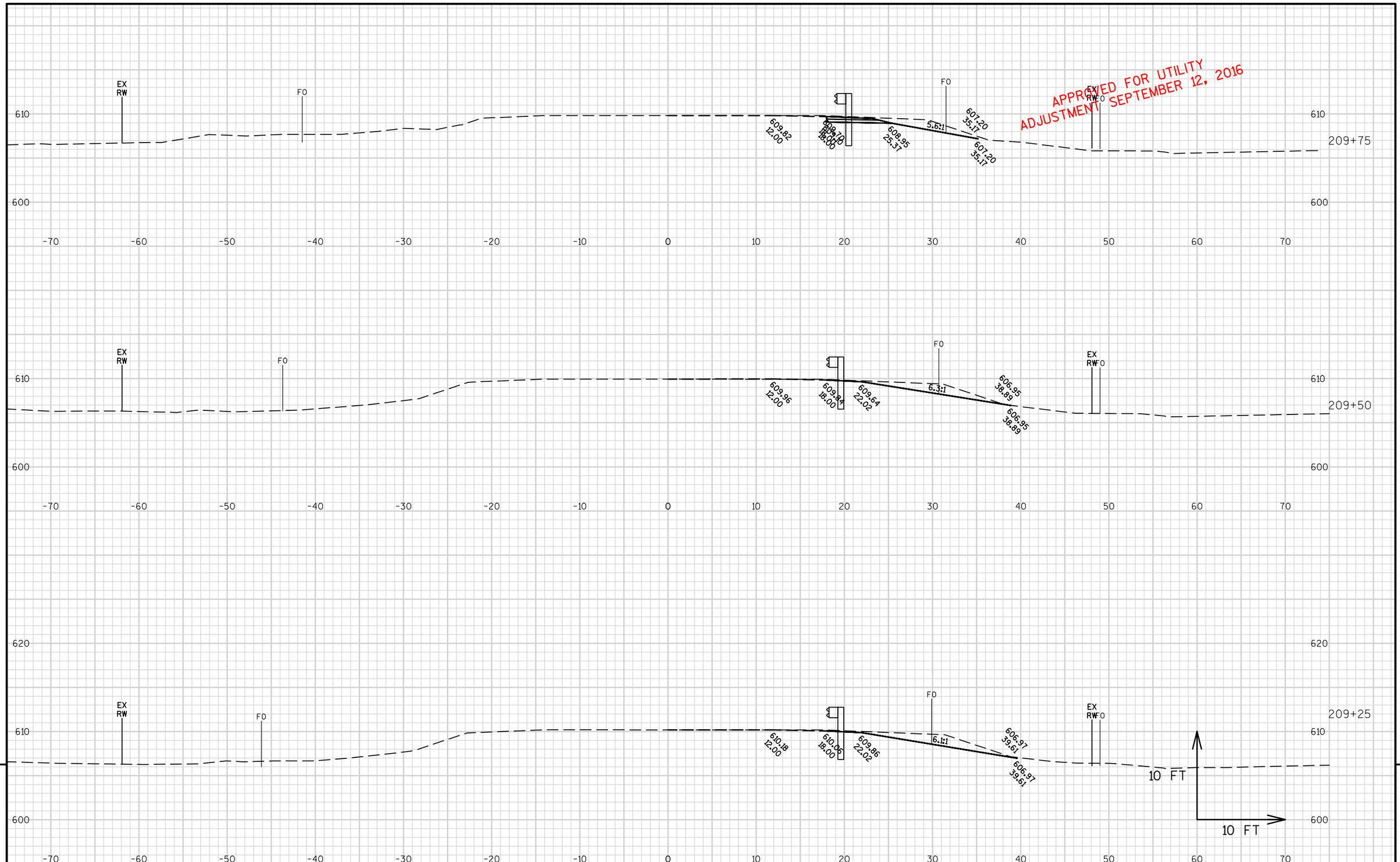
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:54 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-7

APPROVED FOR UTILITY ADJUSTMENT SEPTEMBER 12, 2016



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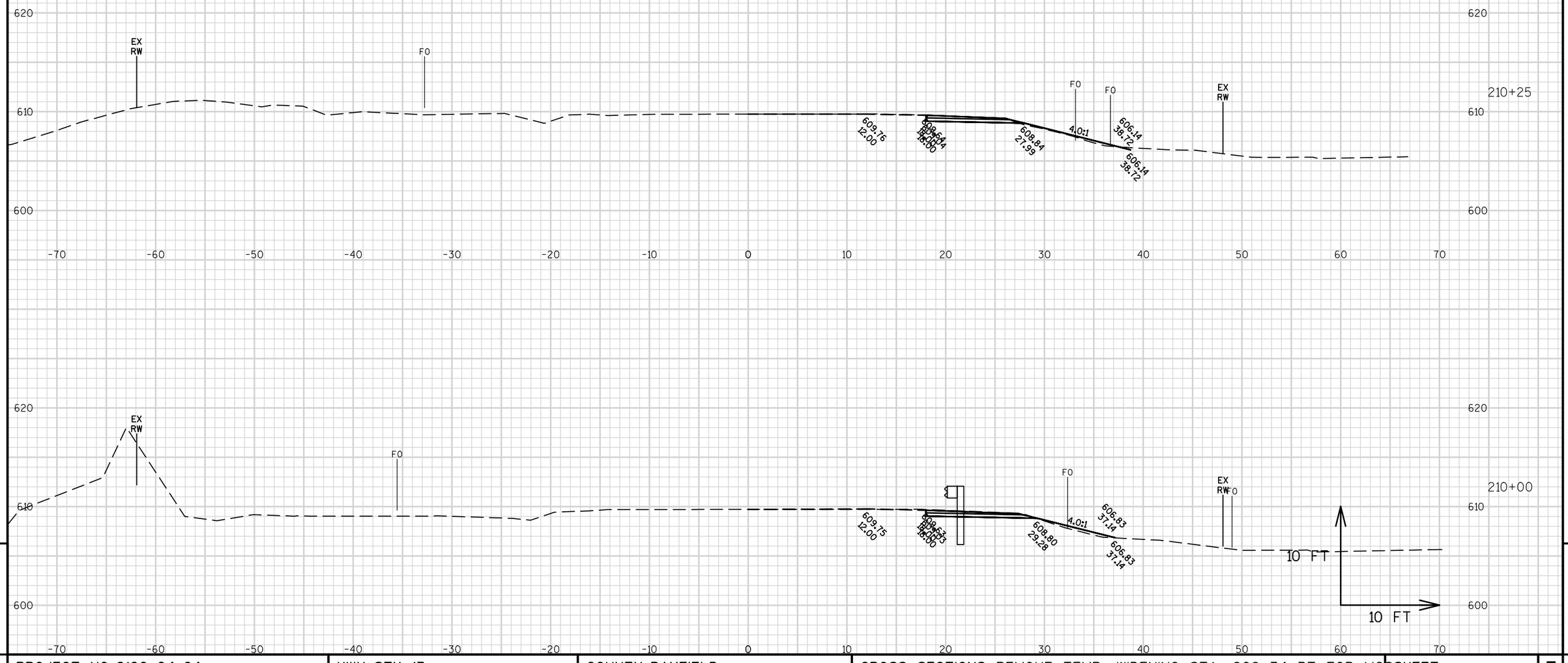
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:54 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-8

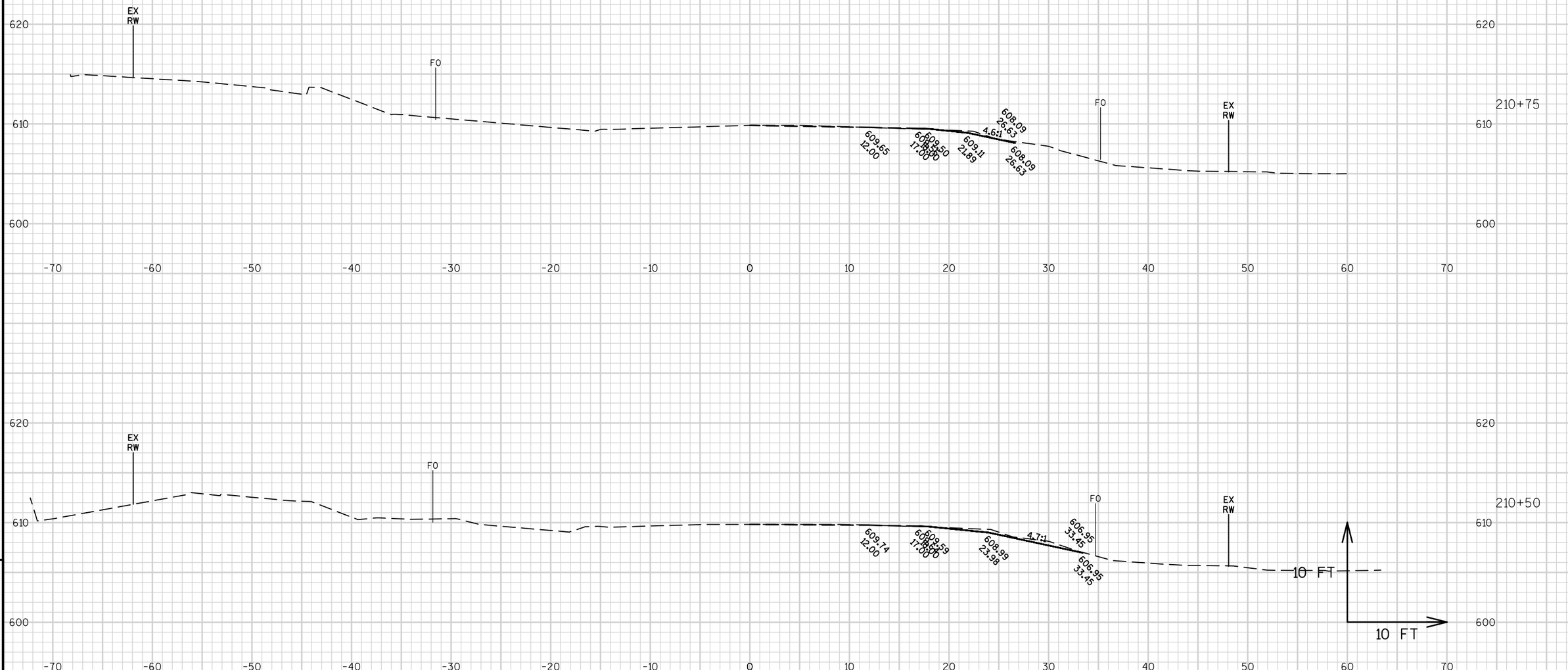
APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGS	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG
LAYOUT NAME - MGSRT_XS-9
PLOT DATE : 10/19/2016 2:54 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



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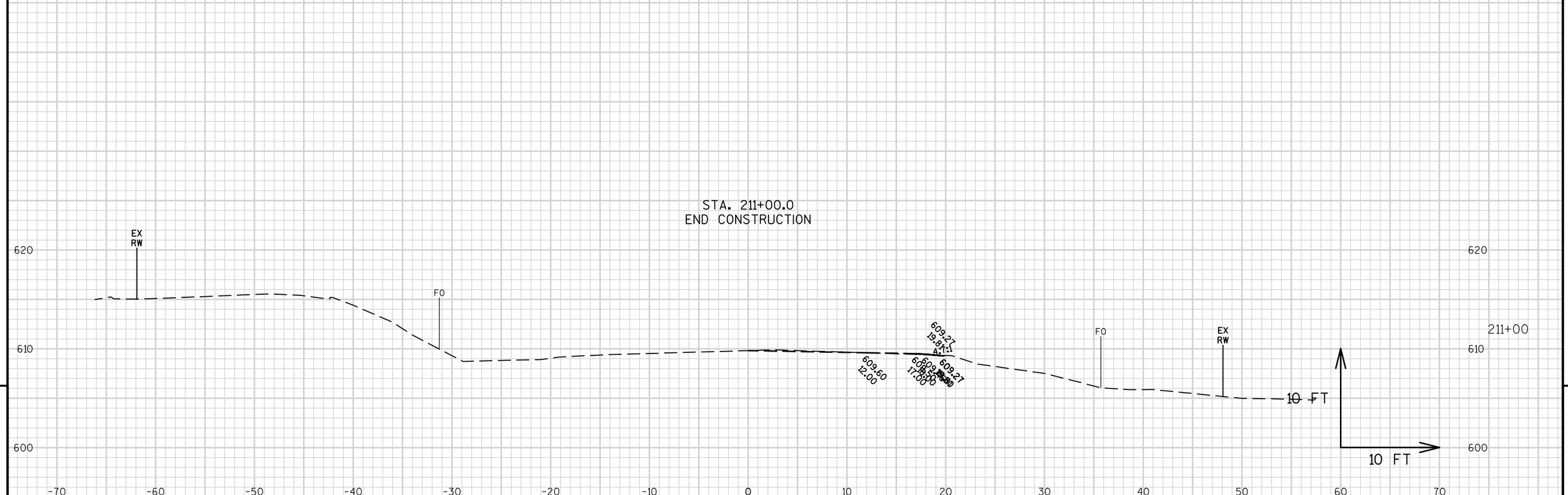
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:55 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-10

APPROVED FOR UTILITY
ADJUSTMENT SEPTEMBER 12, 2016



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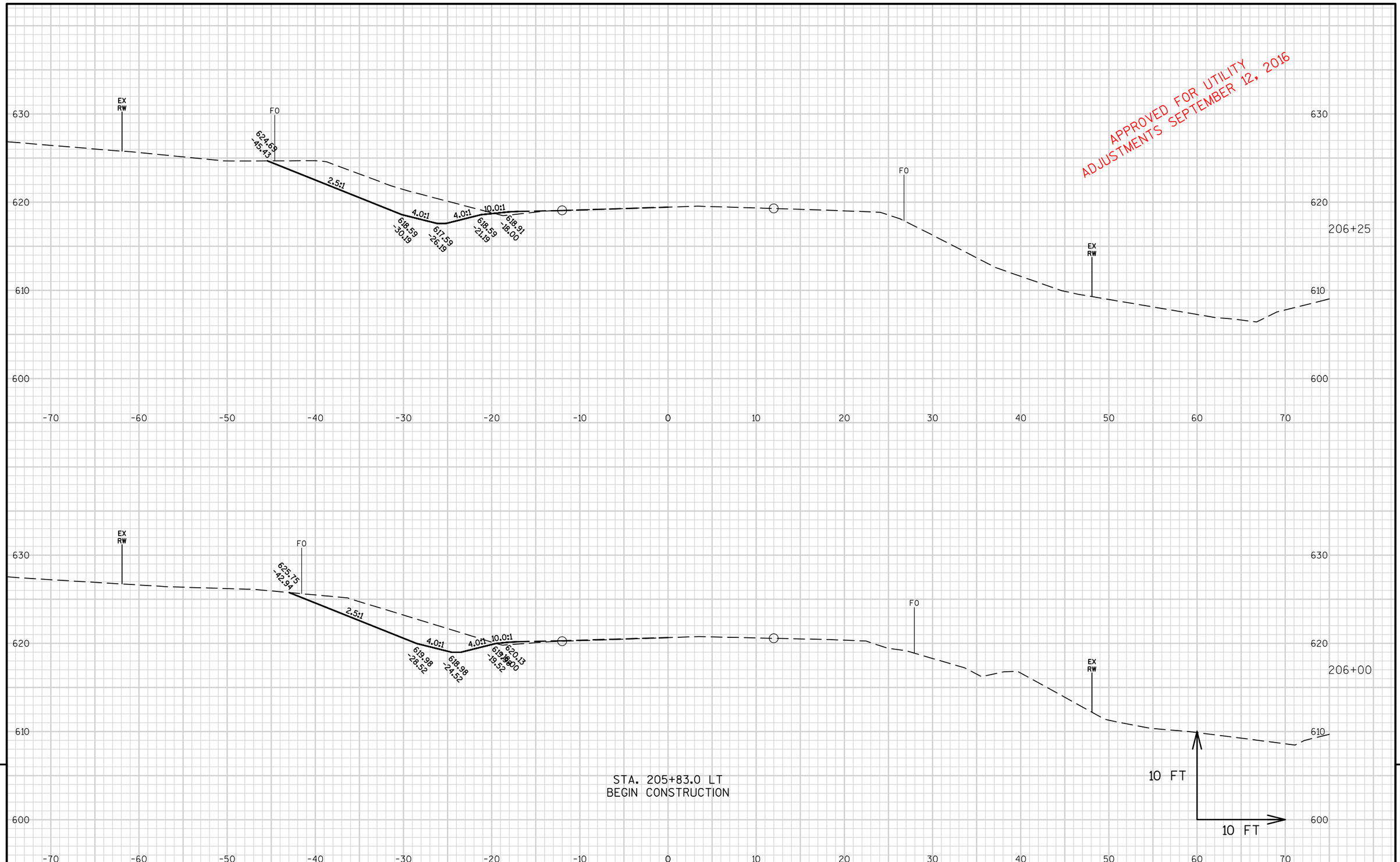
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 RT FOR MGSSHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING RT.DWG PLOT DATE : 10/19/2016 2:55 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - MGSRT_XS-11

APPROVED FOR UTILITY
ADJUSTMENTS SEPTEMBER 12, 2016



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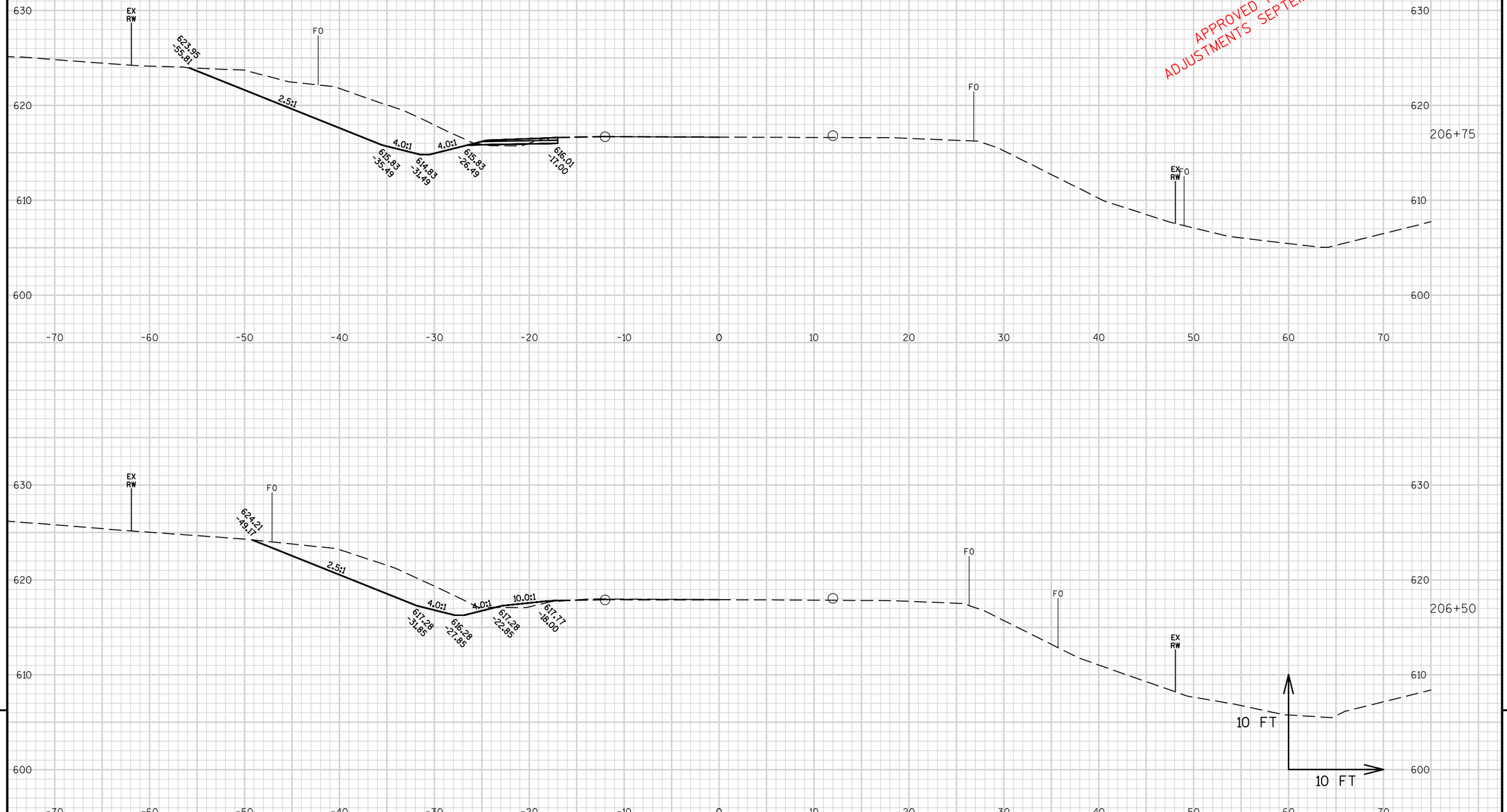
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 LT FOR MGS	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING LT.DWG PLOT DATE : 10/19/2016 2:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - SECTION SHEET - (1)

APPROVED FOR UTILITY
ADJUSTMENTS SEPTEMBER 12, 2016



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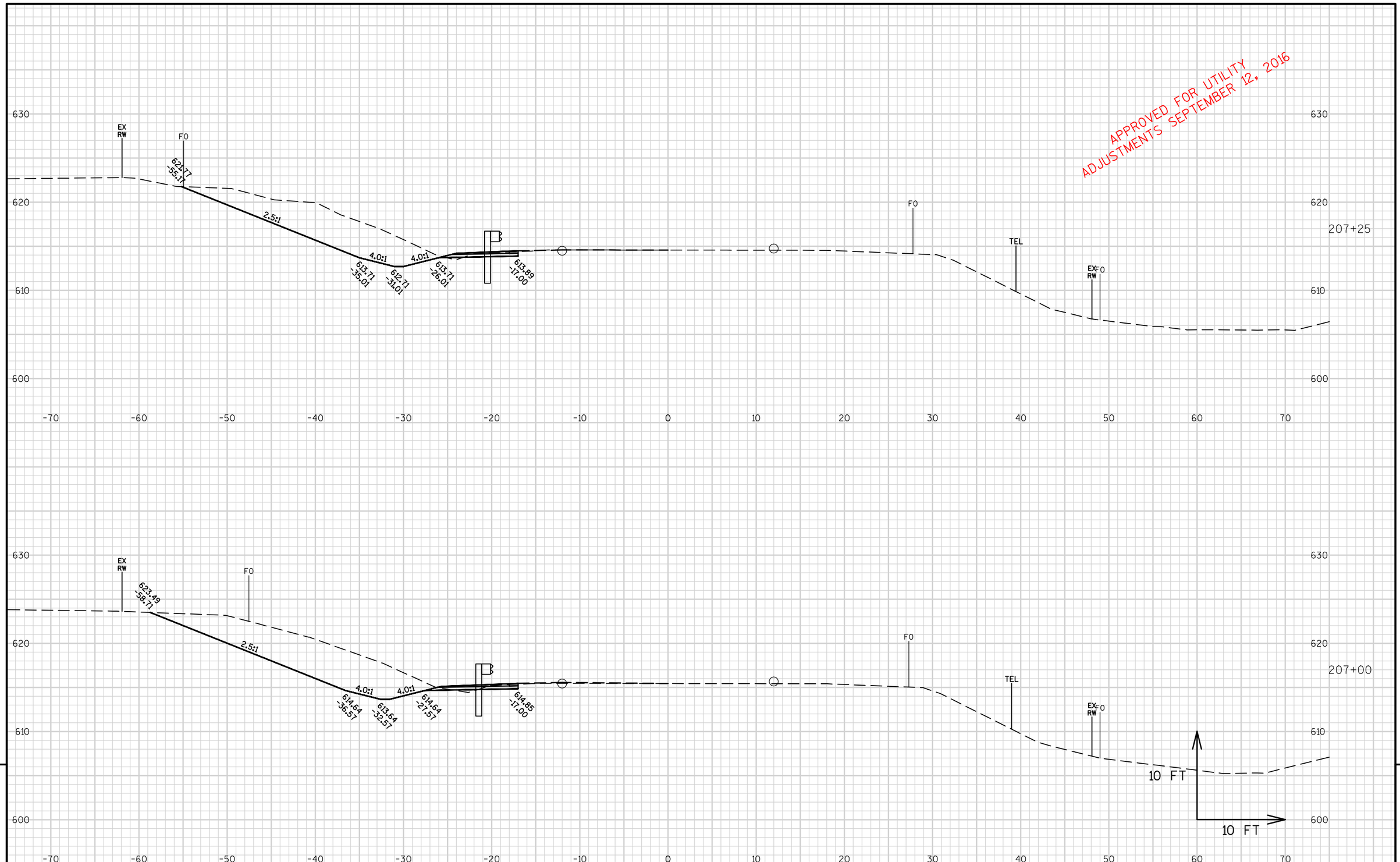
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 LT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING LT.DWG PLOT DATE : 10/19/2016 2:38 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - SECTION SHEET - (2)

APPROVED FOR UTILITY
ADJUSTMENTS SEPTEMBER 12, 2016



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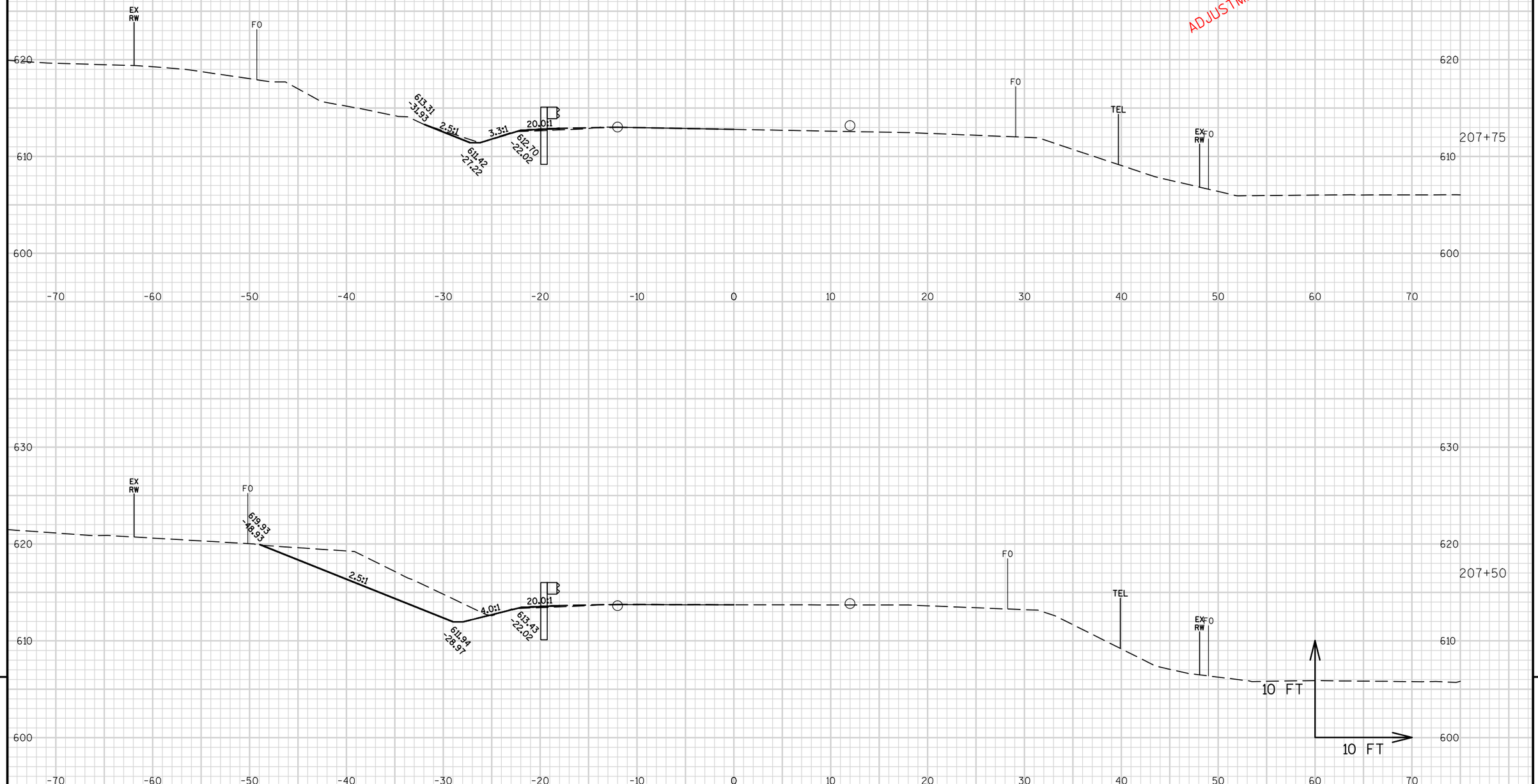
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 LT FOR MGS	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING LT.DWG PLOT DATE : 10/19/2016 2:39 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - SECTION SHEET - (3)

APPROVED FOR UTILITY
ADJUSTMENTS SEPTEMBER 12, 2016



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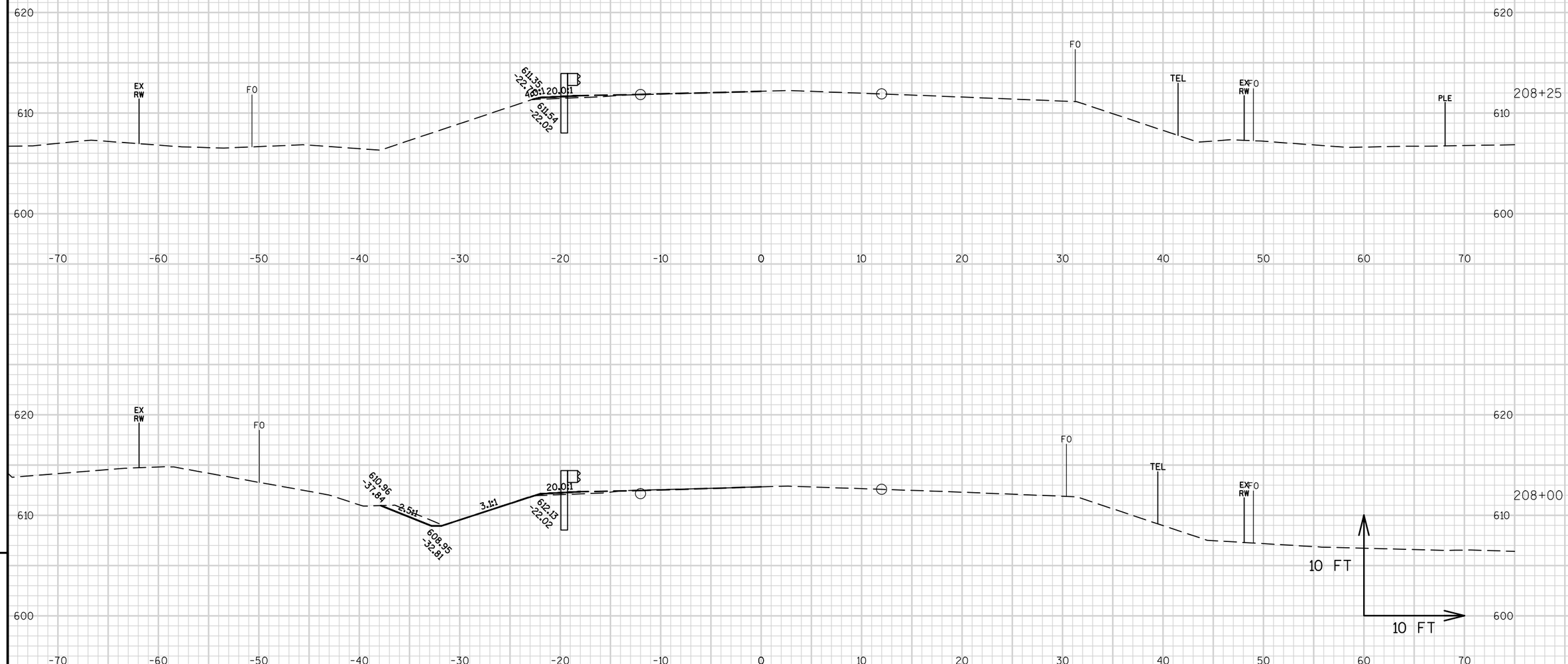
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 LT FOR MGS	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING LT.DWG PLOT DATE : 10/19/2016 2:39 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - SECTION SHEET - (4)

APPROVED FOR UTILITY
ADJUSTMENTS SEPTEMBER 12, 2016



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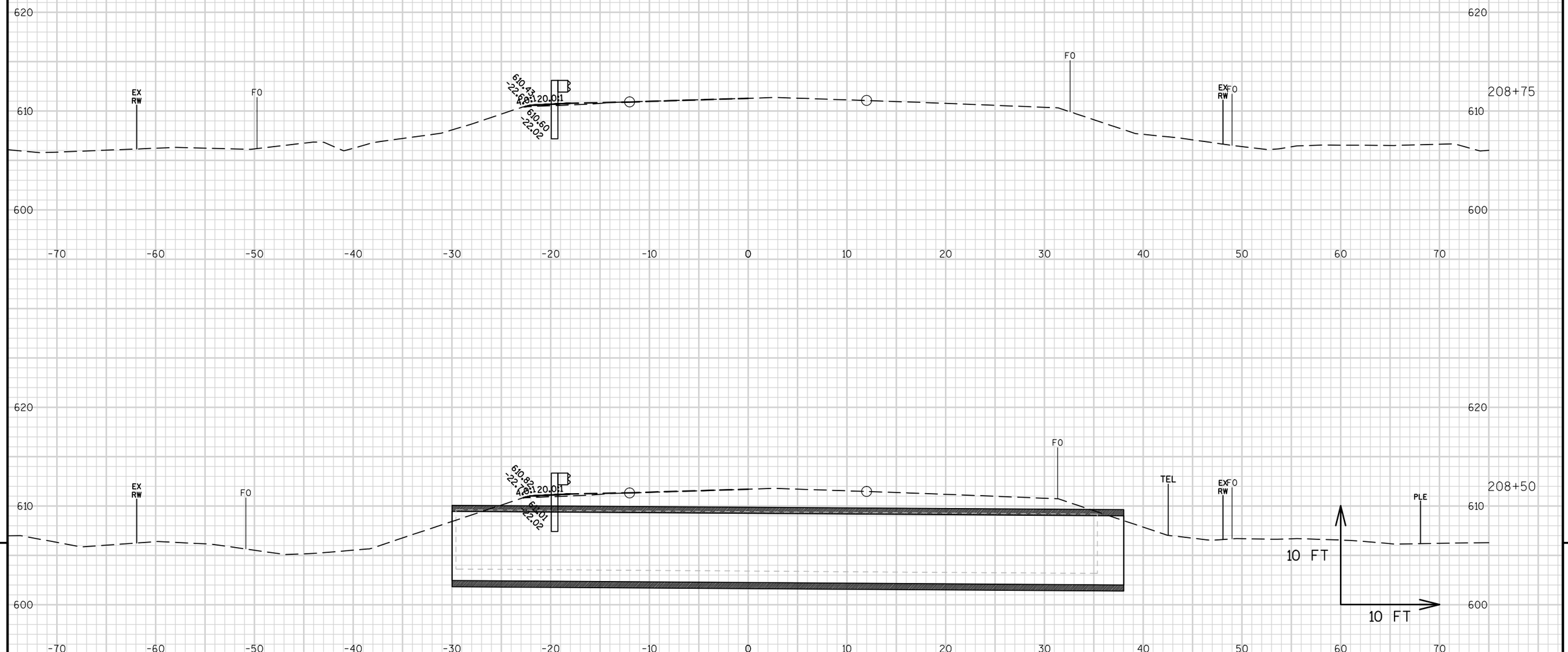
9

PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 LT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING LT.DWG PLOT DATE : 10/19/2016 2:39 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - SECTION SHEET - (5)

APPROVED FOR UTILITY
ADJUSTMENTS SEPTEMBER 12, 2016



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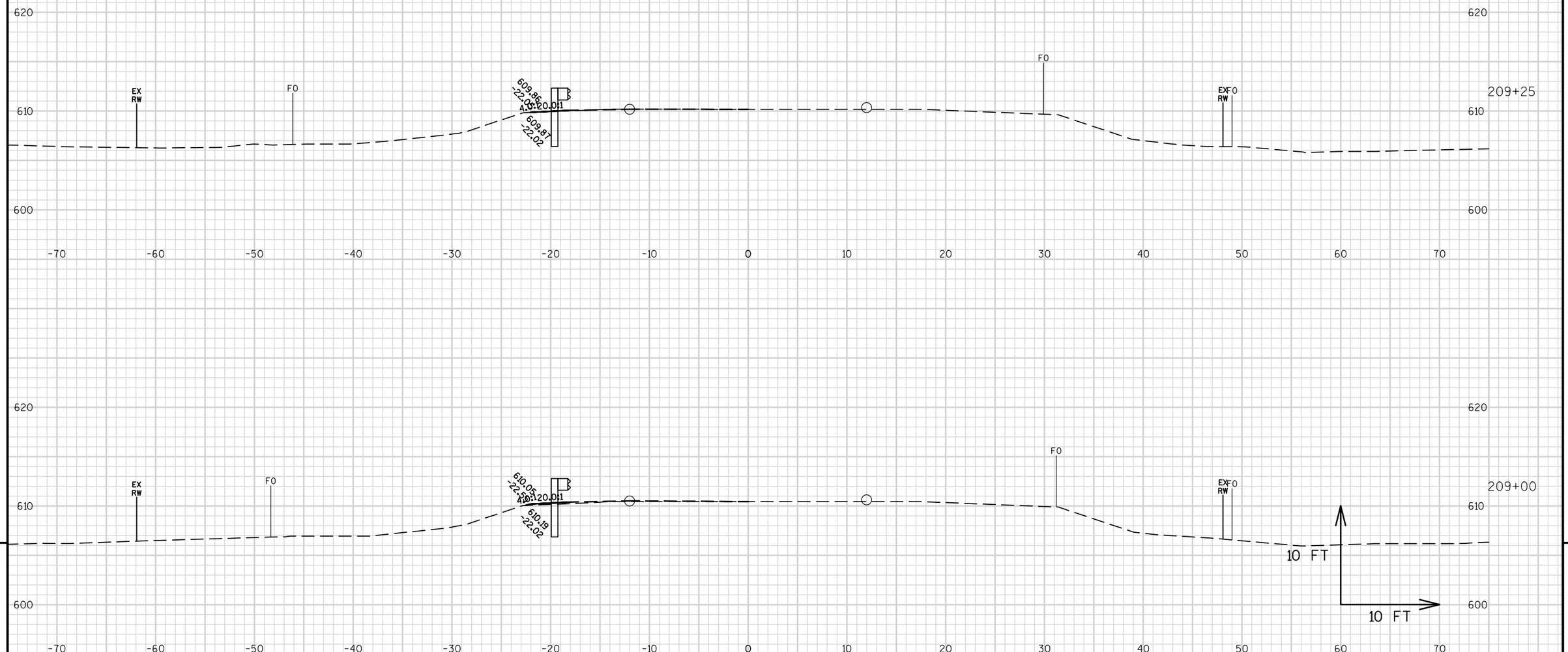
9

PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 LT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING LT.DWG PLOT DATE : 10/19/2016 2:39 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - SECTION SHEET - (6)

APPROVED FOR UTILITY
ADJUSTMENTS SEPTEMBER 12, 2016



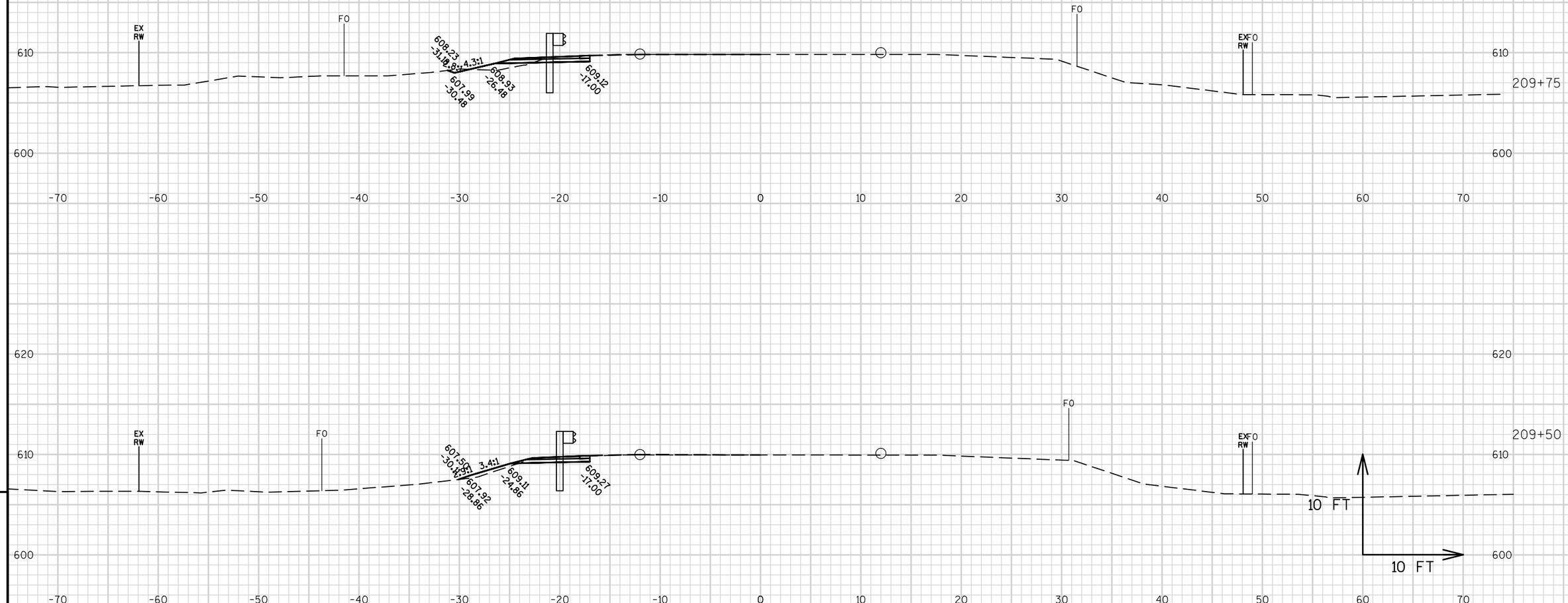
9

PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 LT FOR MGS	SHEET	E

9

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING LT.DWG PLOT DATE : 10/19/2016 2:39 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - SECTION SHEET - (7)

APPROVED FOR UTILITY
ADJUSTMENTS SEPTEMBER 12, 2016



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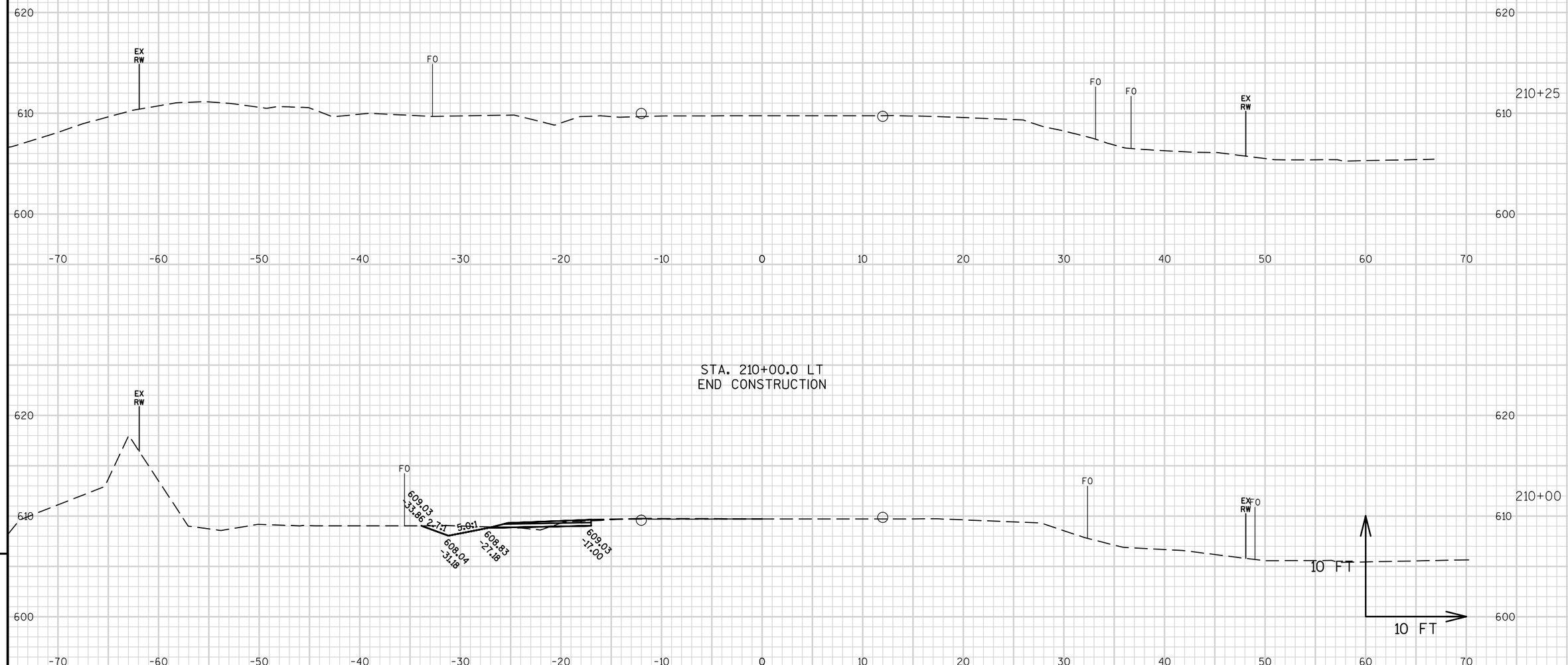
PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 LT FOR MGS	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING LT.DWG PLOT DATE : 10/19/2016 2:39 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - SECTION SHEET - (8)

APPROVED FOR UTILITY
ADJUSTMENTS SEPTEMBER 12, 2016



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9

PROJECT NO: 8160-04-64	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: REMOVE TEMP. WIDENING STA. 208+34 LT FOR MGS	SHEET	E

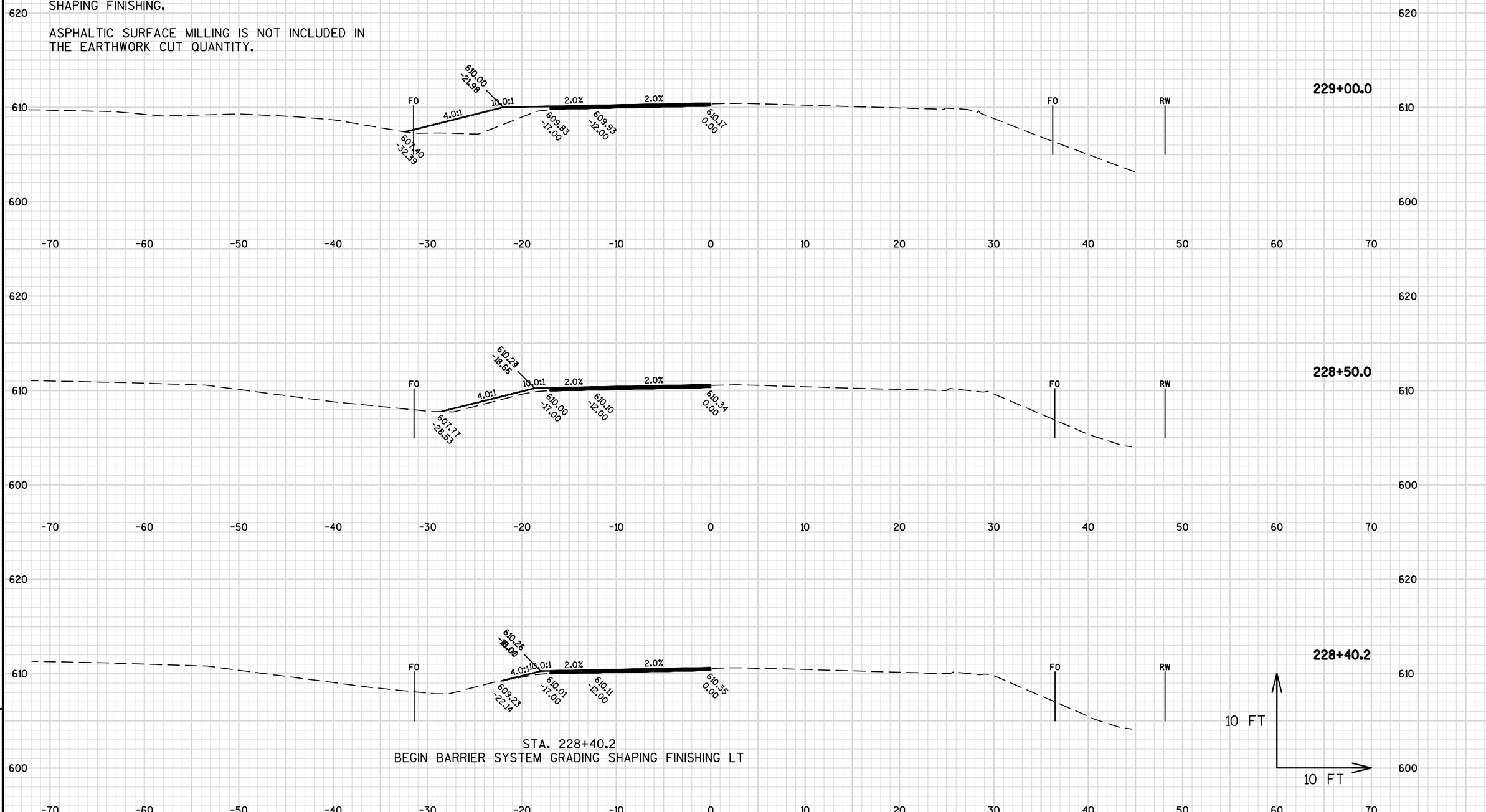
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\DESIGN\CORRIDORS\REMOVAL_20834_TEMPORARY WIDENING LT.DWG PLOT DATE : 10/19/2016 2:40 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - SECTION SHEET - (9)

NOTE:

CROSS-SECTIONS FOR INFORMATION ONLY.

EARTHWORK AND LANDSCAPING ITEMS PAID FOR UNDER ITEM 614.0010 BARRIER SYSTEM GRADING SHAPING FINISHING.

ASPHALTIC SURFACE MILLING IS NOT INCLUDED IN THE EARTHWORK CUT QUANTITY.



STA. 228+40.2
BEGIN BARRIER SYSTEM GRADING SHAPING FINISHING LT

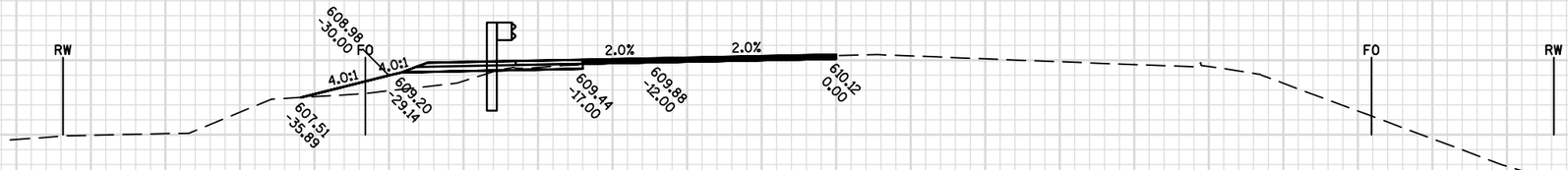
9

9

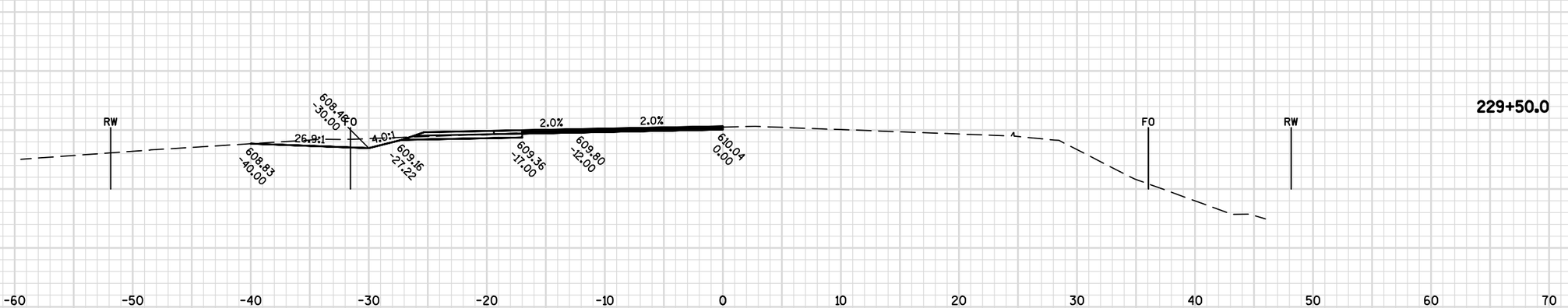
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(1)
PLOTTED DATE : 2/12/2016 9:43 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

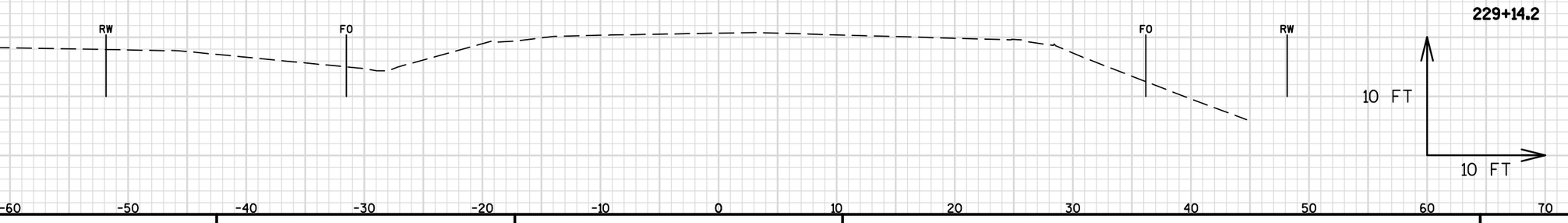
BEGIN EAT LT (POST NO. 1)



229+81.6



229+50.0



229+14.2

9

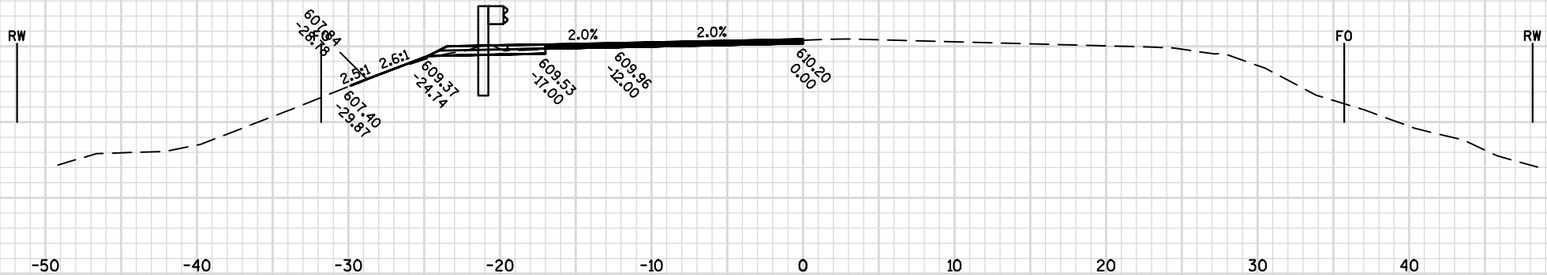
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(2)

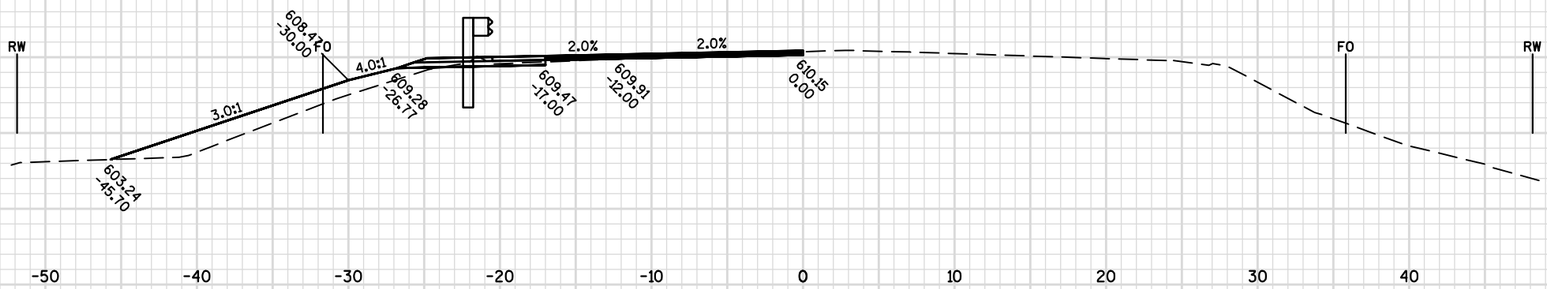
PLOTTED DATE : 2/12/2016 9:44 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

END EAT LT (POST NO. 9)



230+31.6

EAT LT (POST NO. 5)



230+06.6

230+00.0

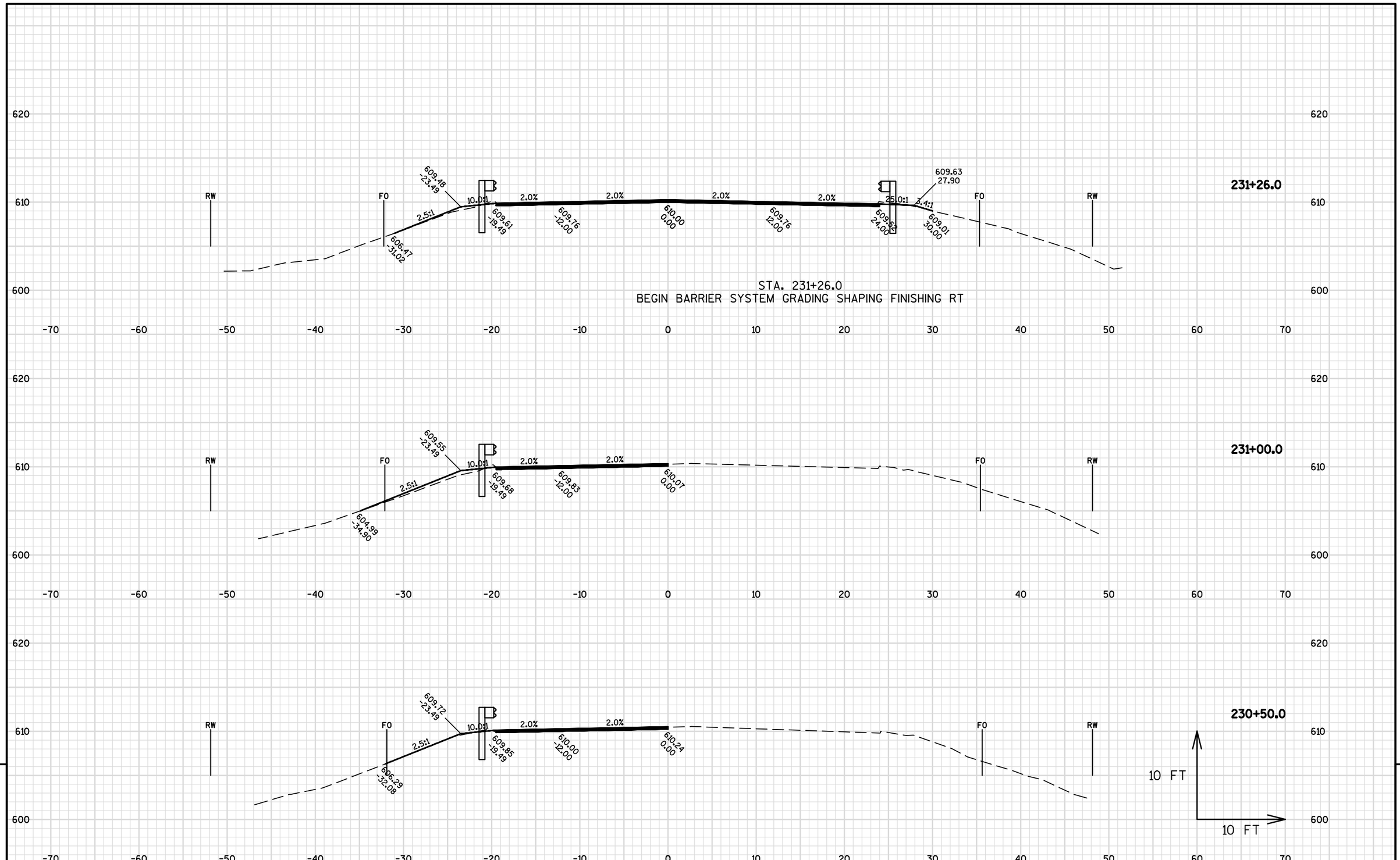
9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

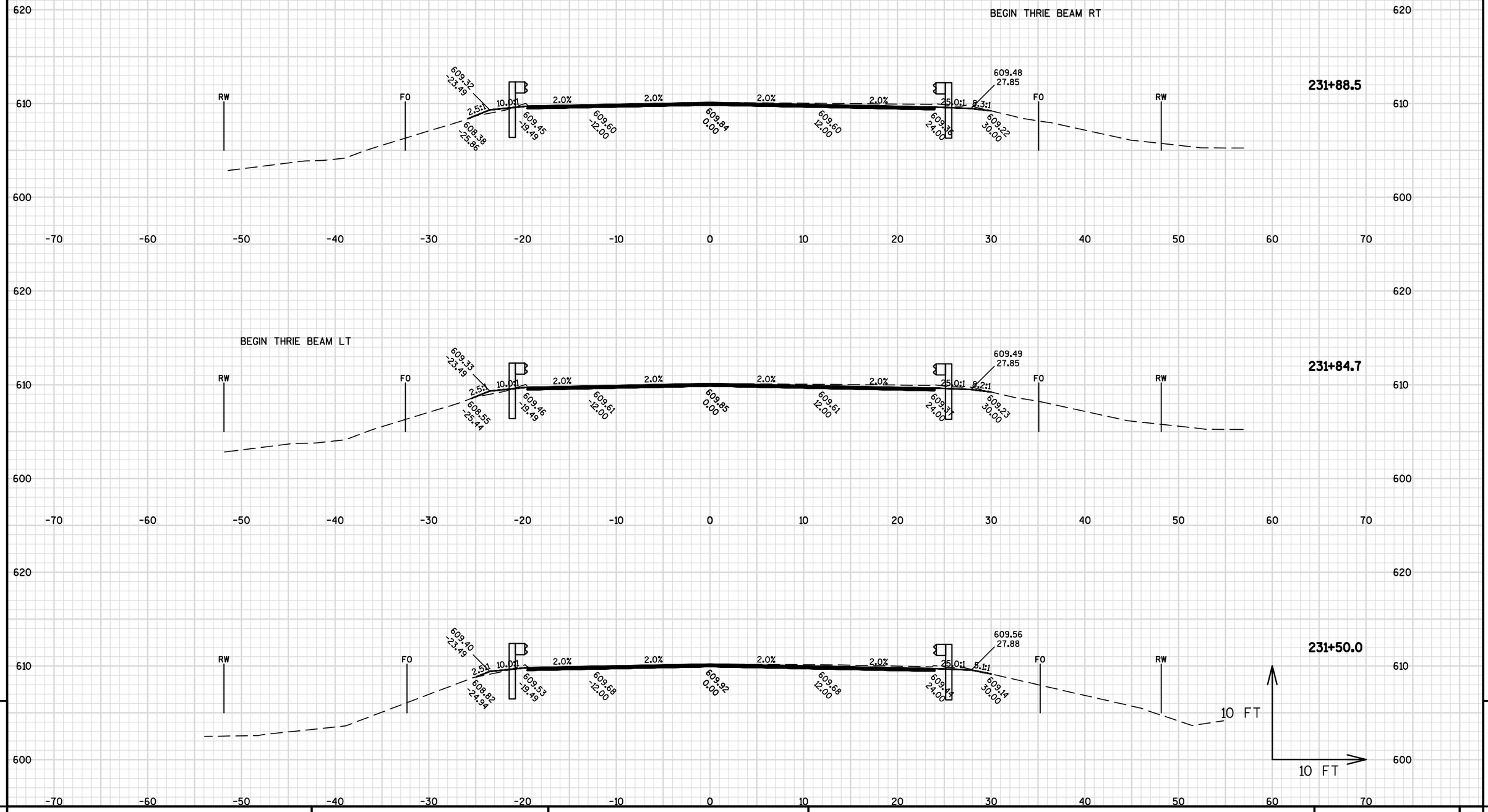
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(3)

PLOTTED DATE : 2/12/2016 9:44 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(4)
PLOTTED DATE : 2/12/2016 9:44 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



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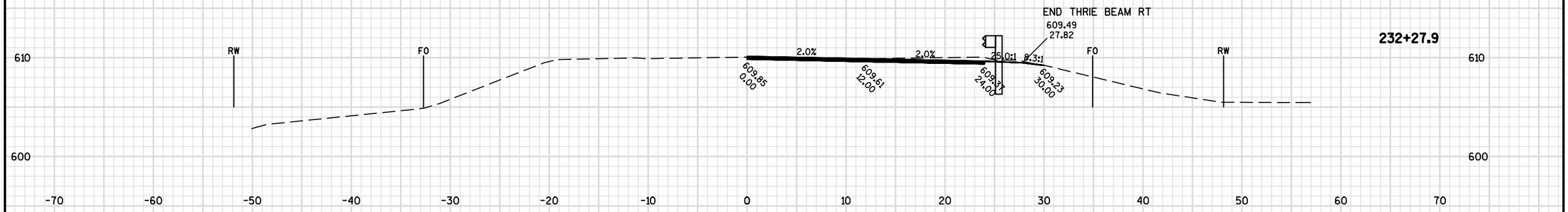
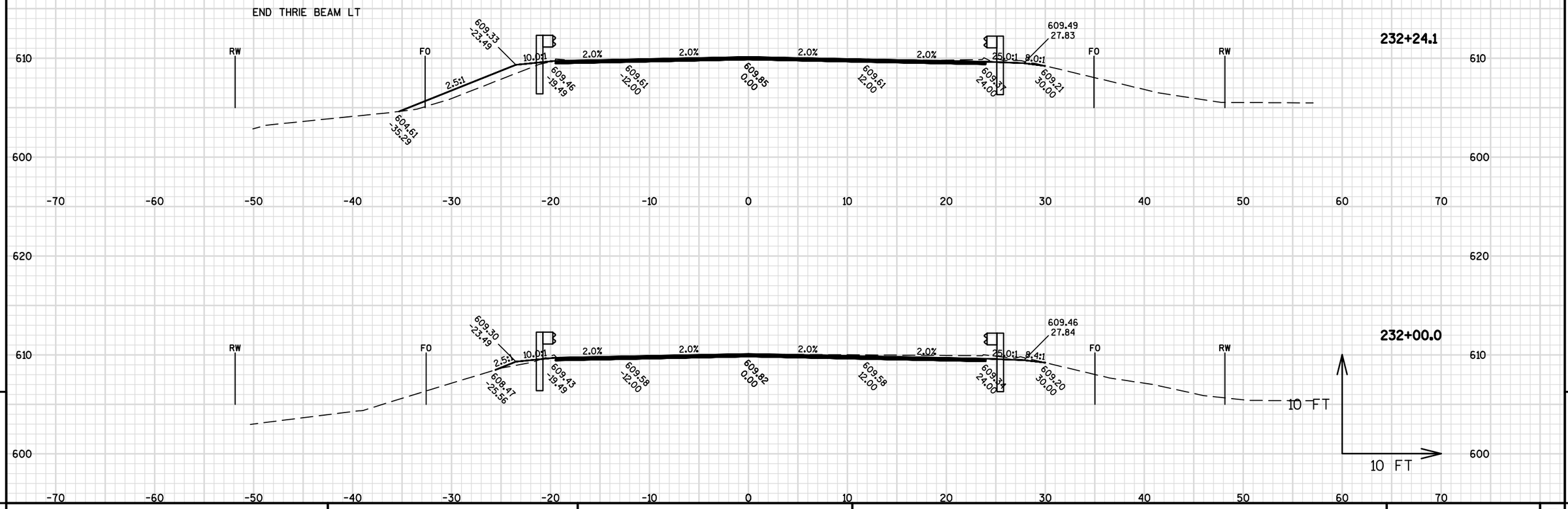
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

STA. 232+27.9
END BARRIER SYSTEM GRADING SHAPING FINISHING RT

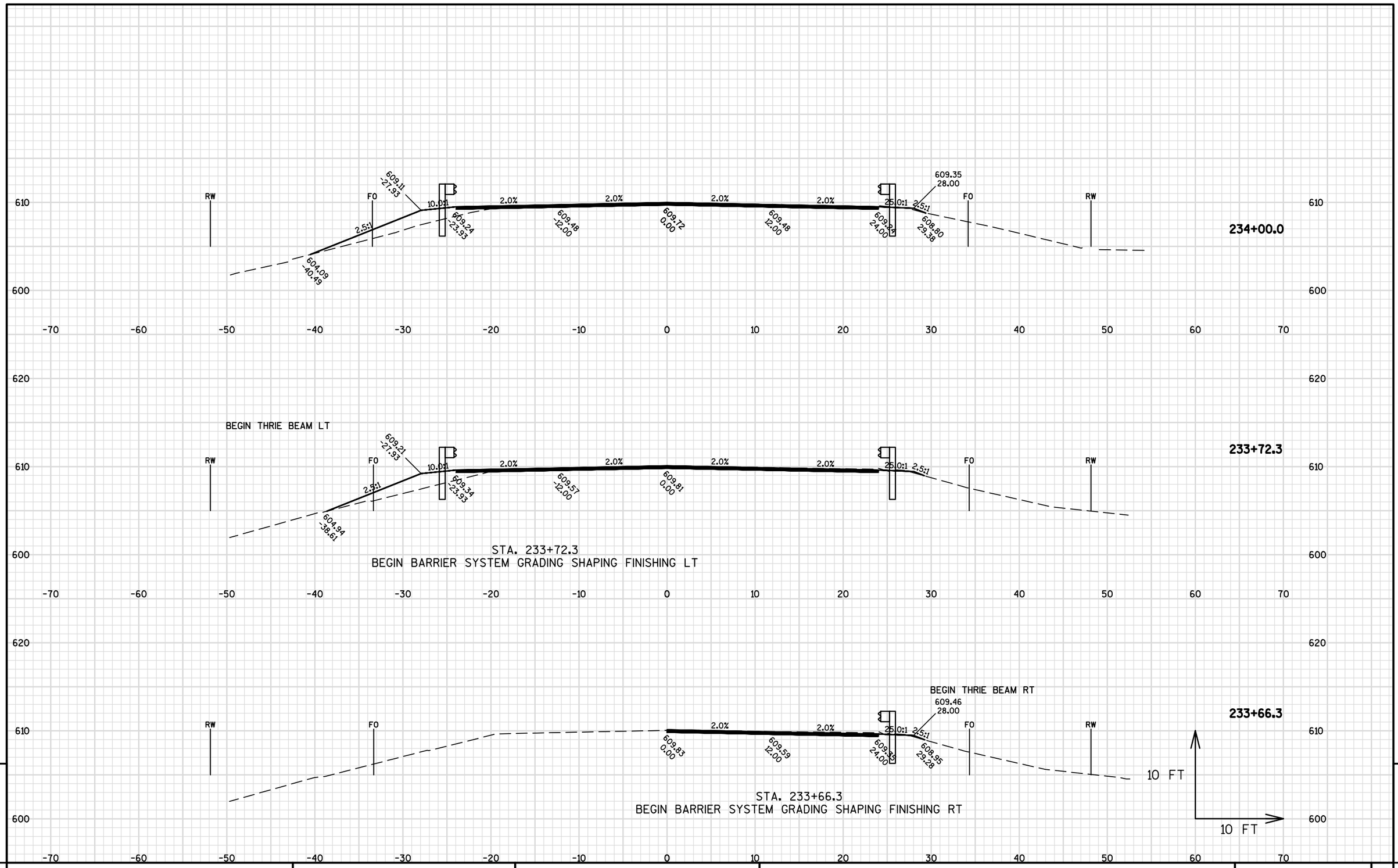


STA. 232+24.1
END BARRIER SYSTEM GRADING SHAPING FINISHING LT



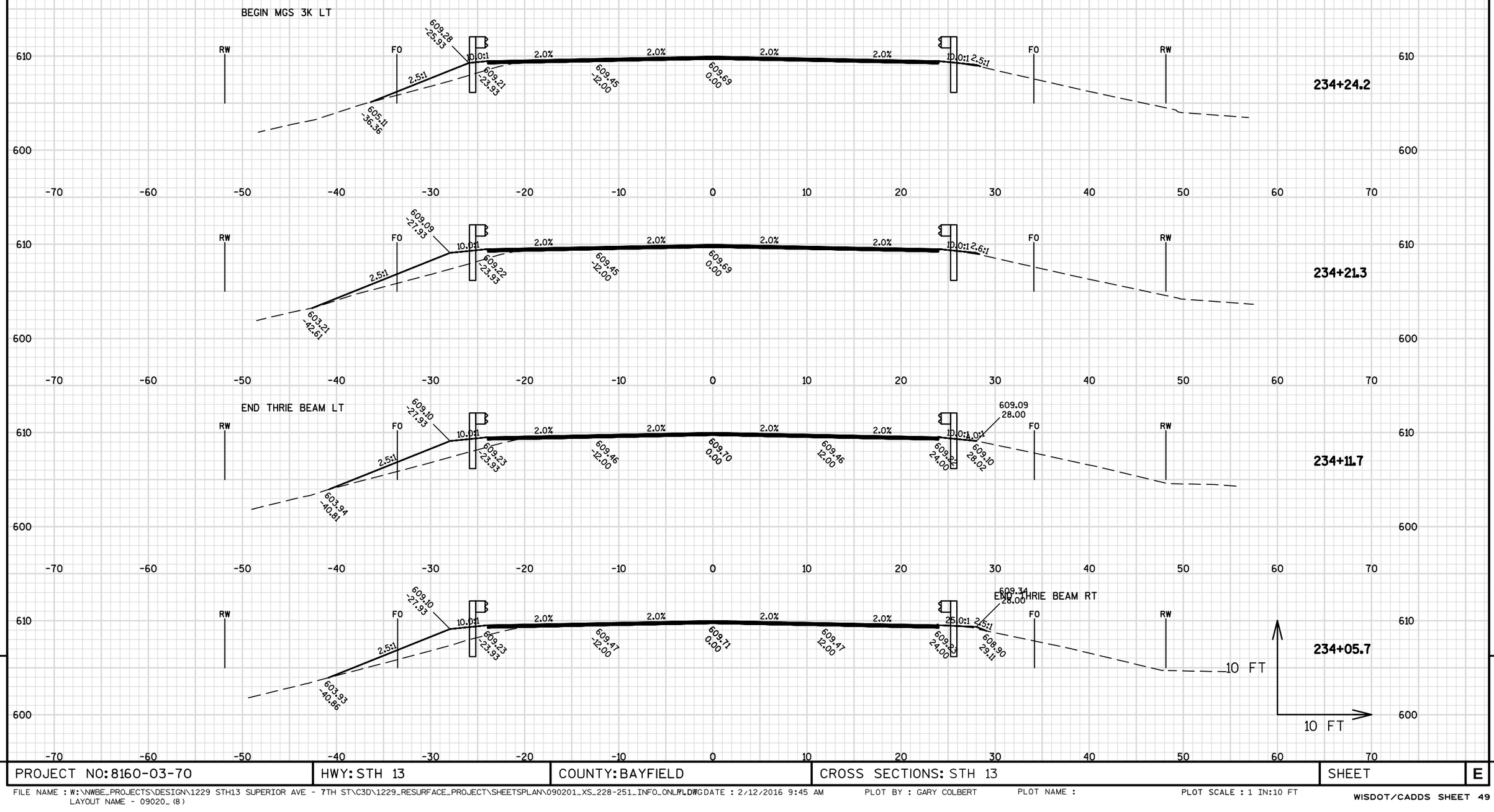
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(6)
PLOTTED DATE : 2/12/2016 9:45 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(7)
PLOTTED DATE : 2/12/2016 9:45 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



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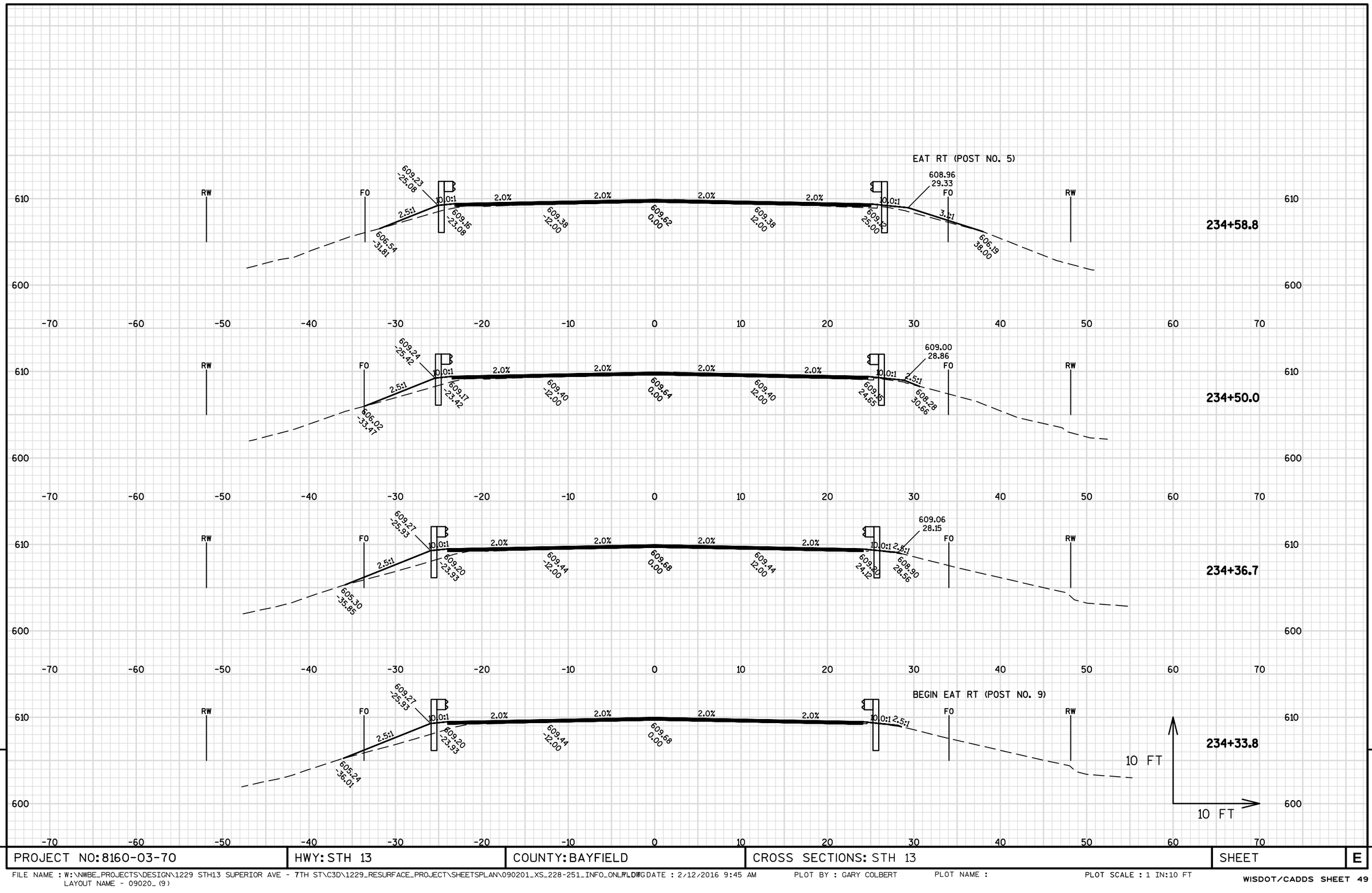
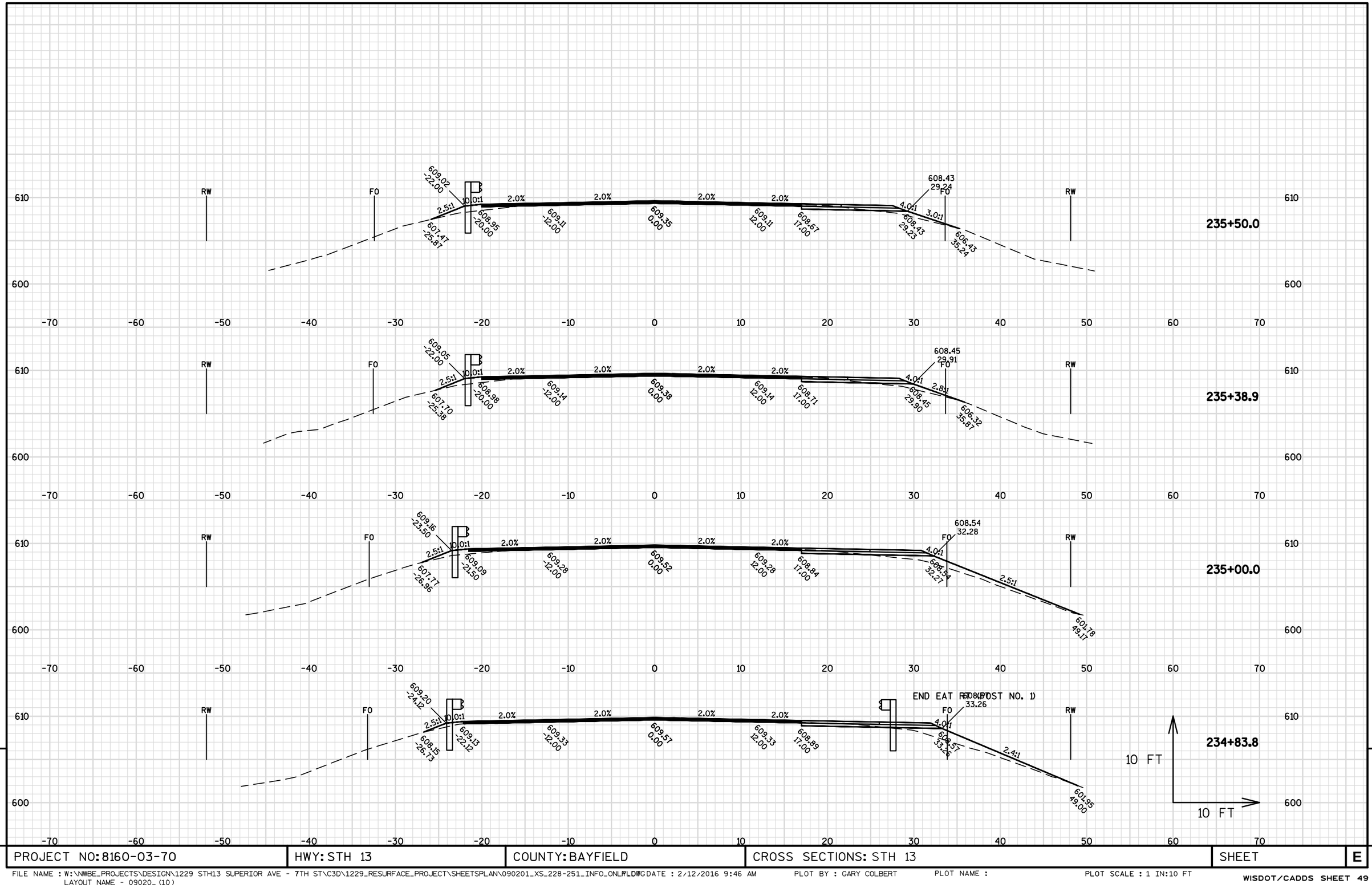
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(8)
PLOTTED DATE : 2/12/2016 9:45 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG DATE : 2/12/2016 9:45 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 09020_(9)



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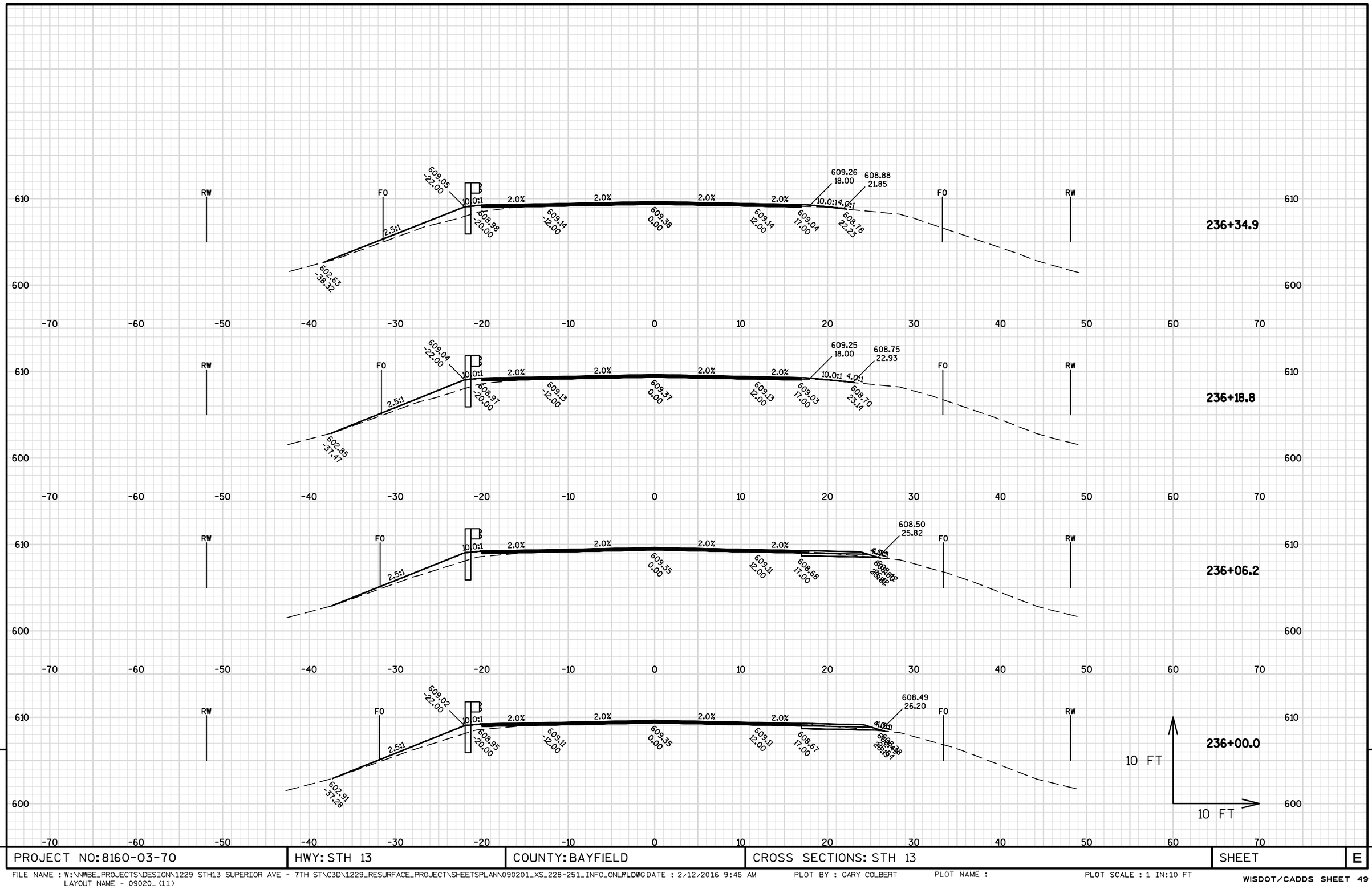
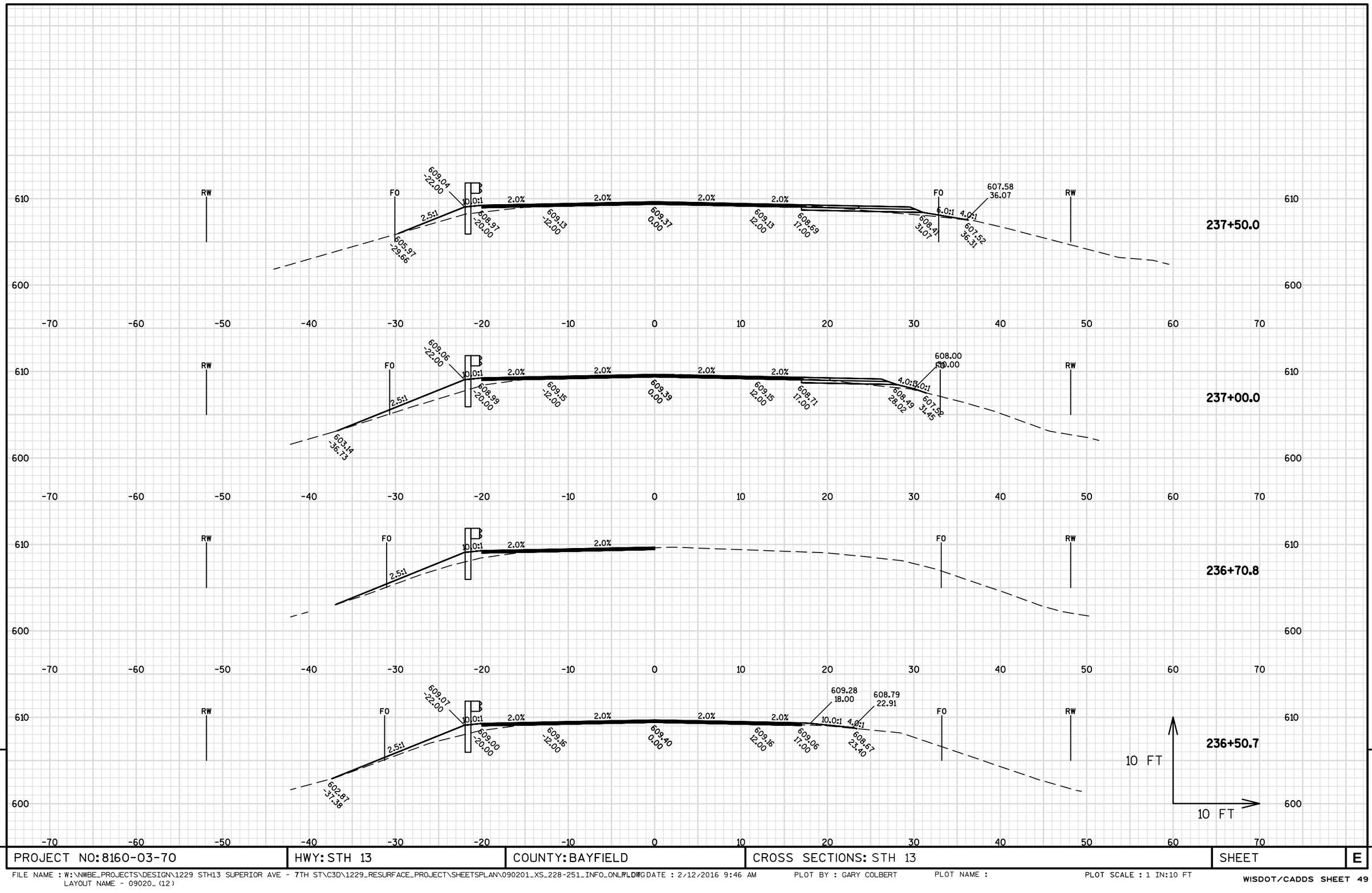
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(10)
PLOTTING DATE : 2/12/2016 9:46 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

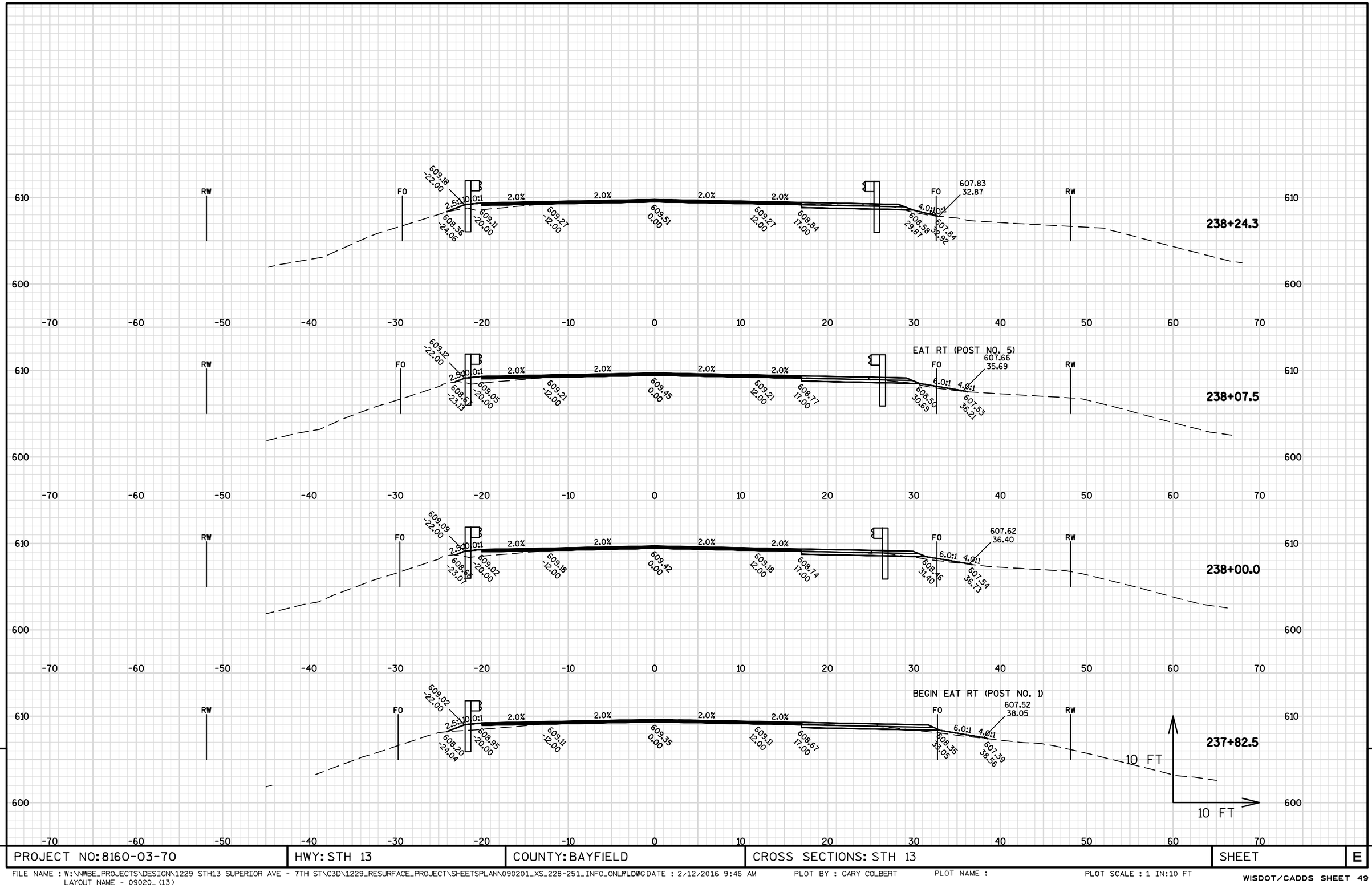


PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(11)
PLOTTED DATE : 2/12/2016 9:46 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

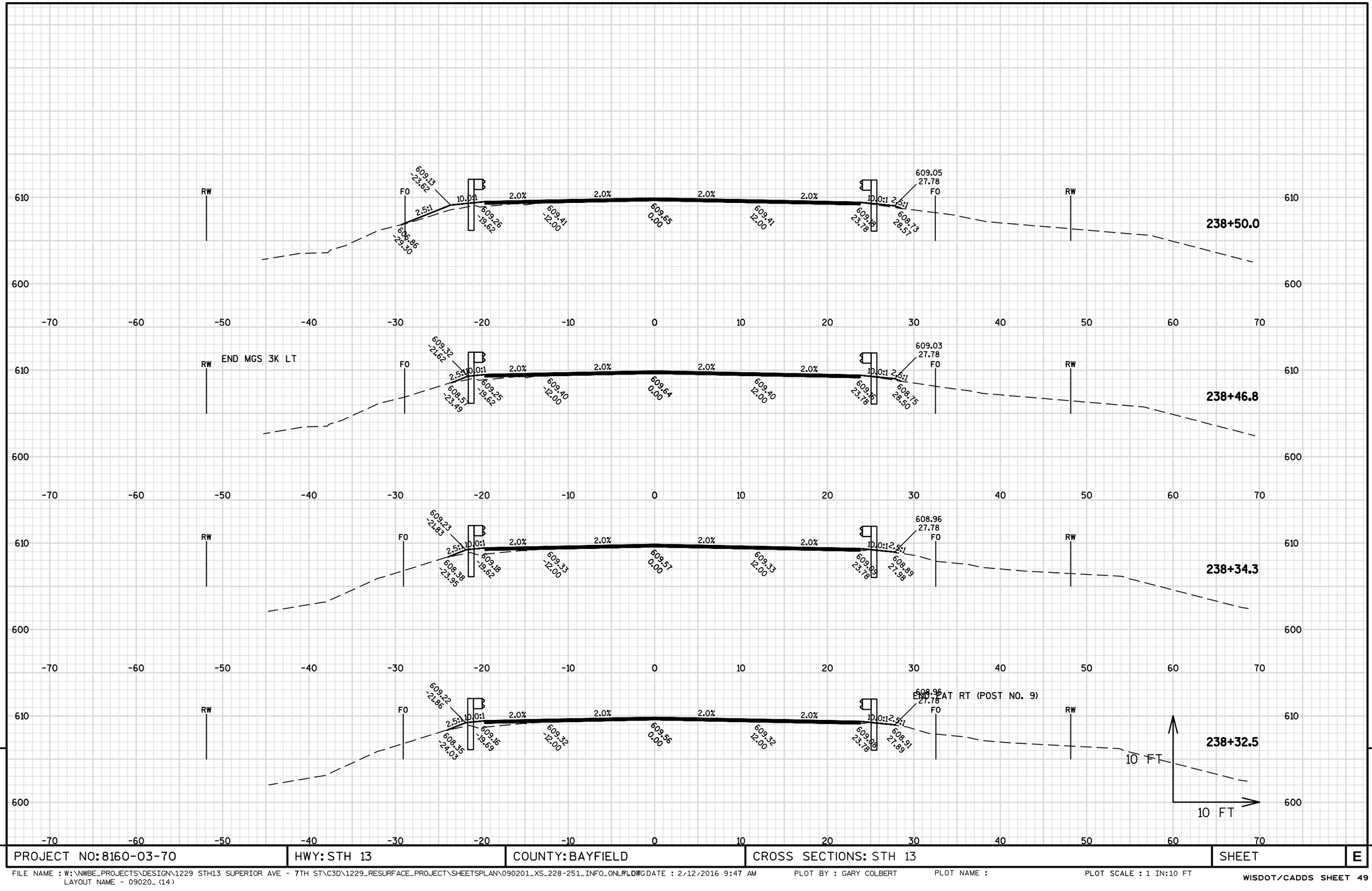


PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG LAYOUT NAME - 09020_(13)
DATE : 2/12/2016 9:46 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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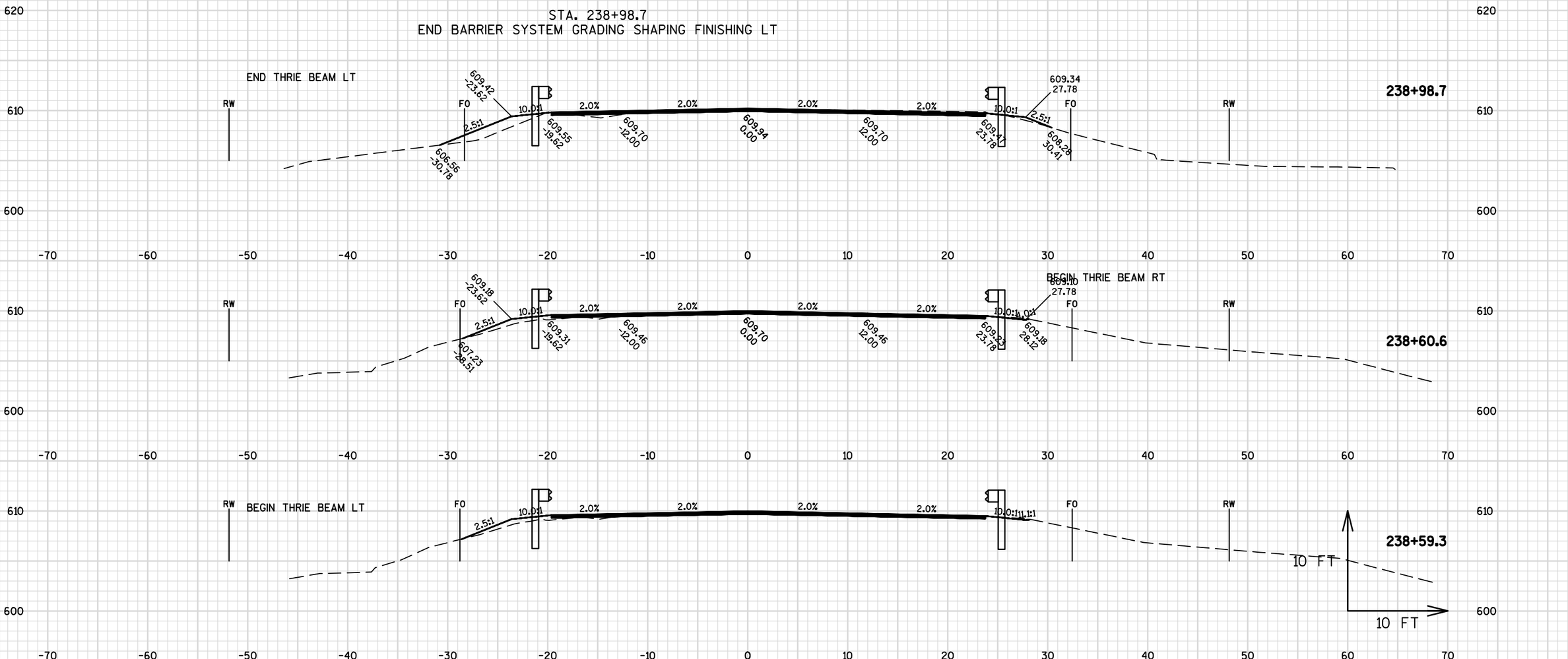
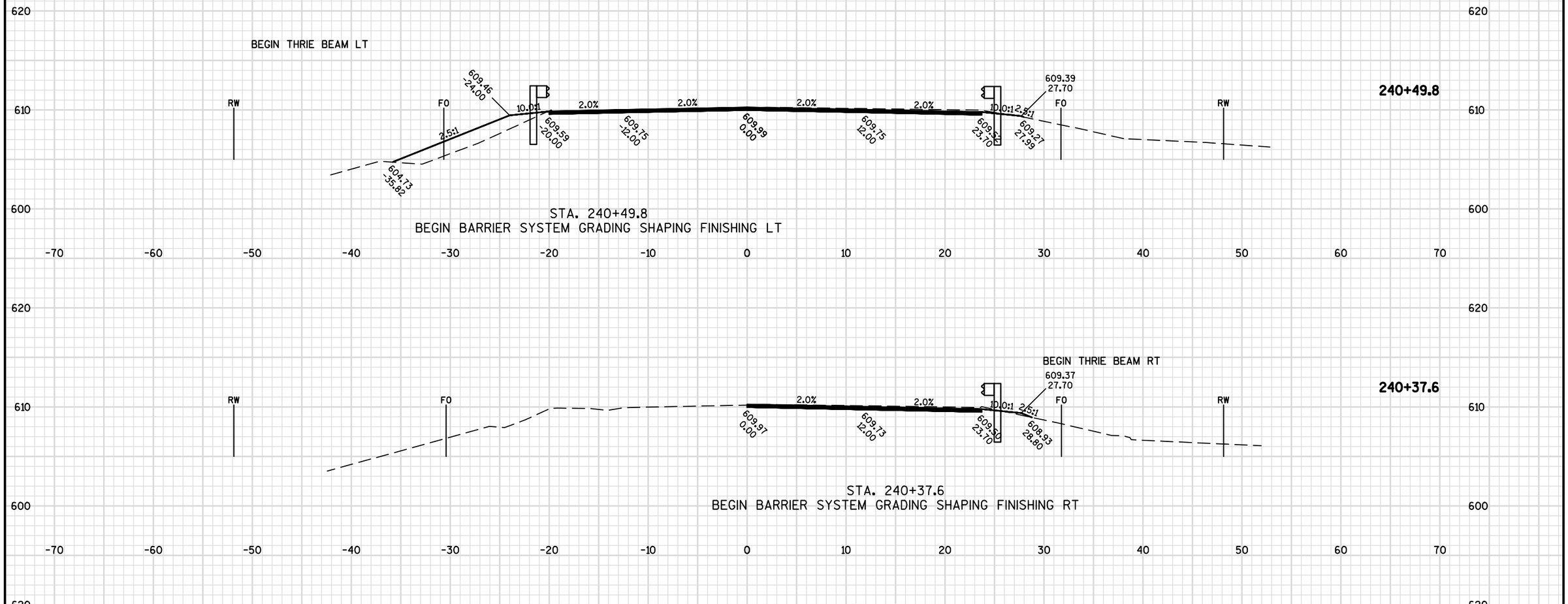
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

STA. 238+98.7
END BARRIER SYSTEM GRADING SHAPING FINISHING LT



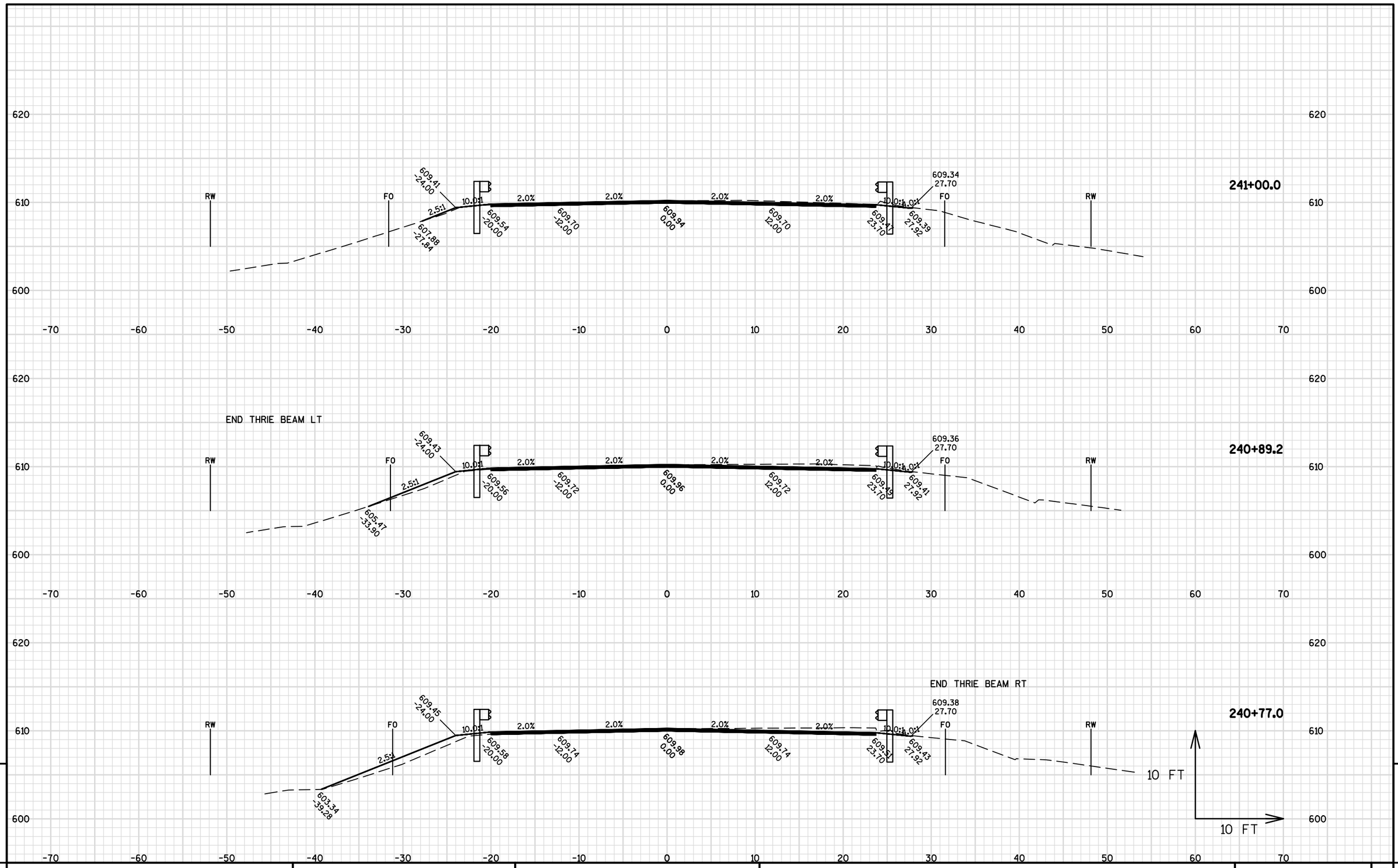
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(15)
PLOTTED DATE : 2/12/2016 9:47 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



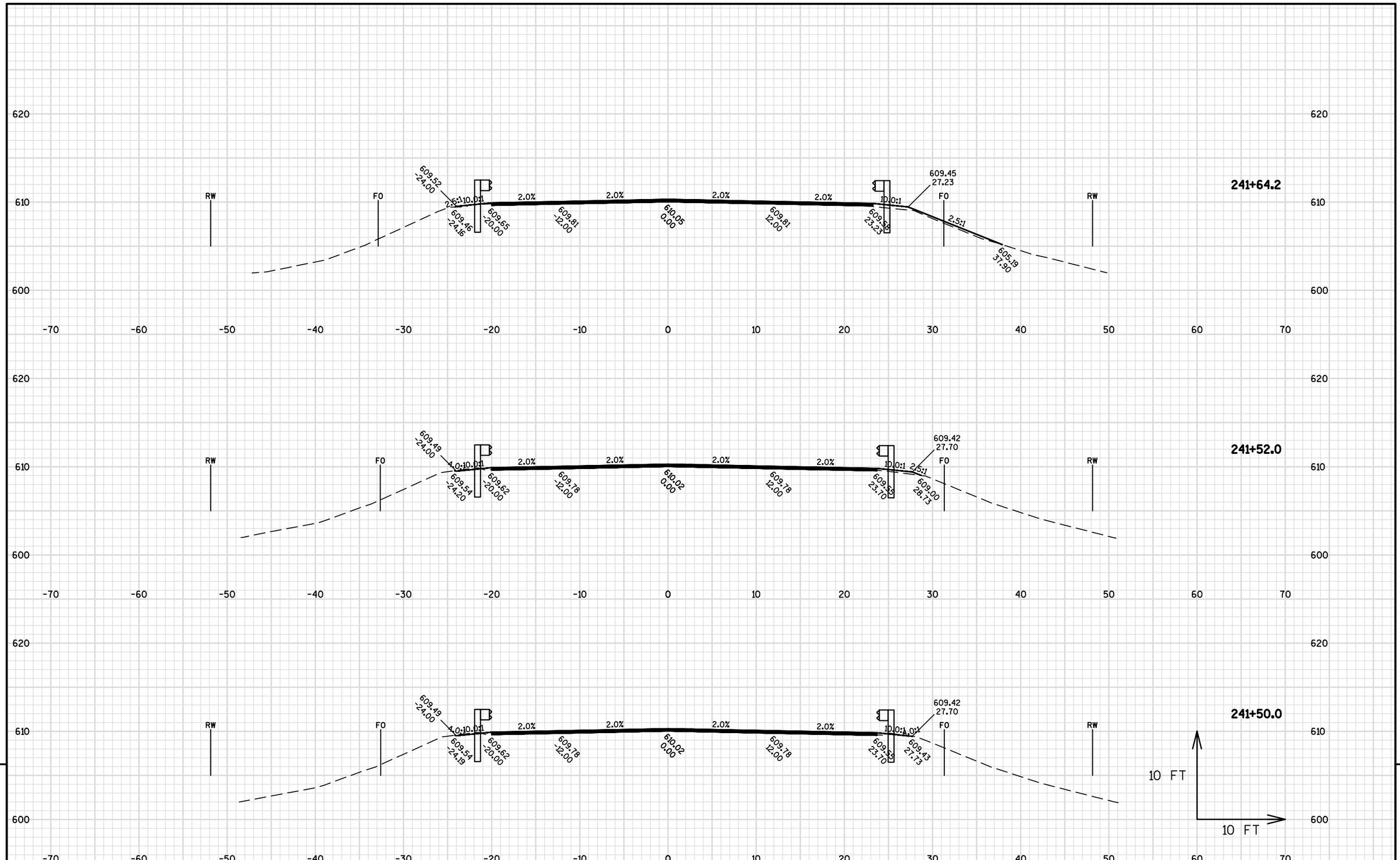
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(16)
PLOTTED DATE : 2/12/2016 9:47 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(17)
PLOTTED : DATE : 2/12/2016 9:48 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



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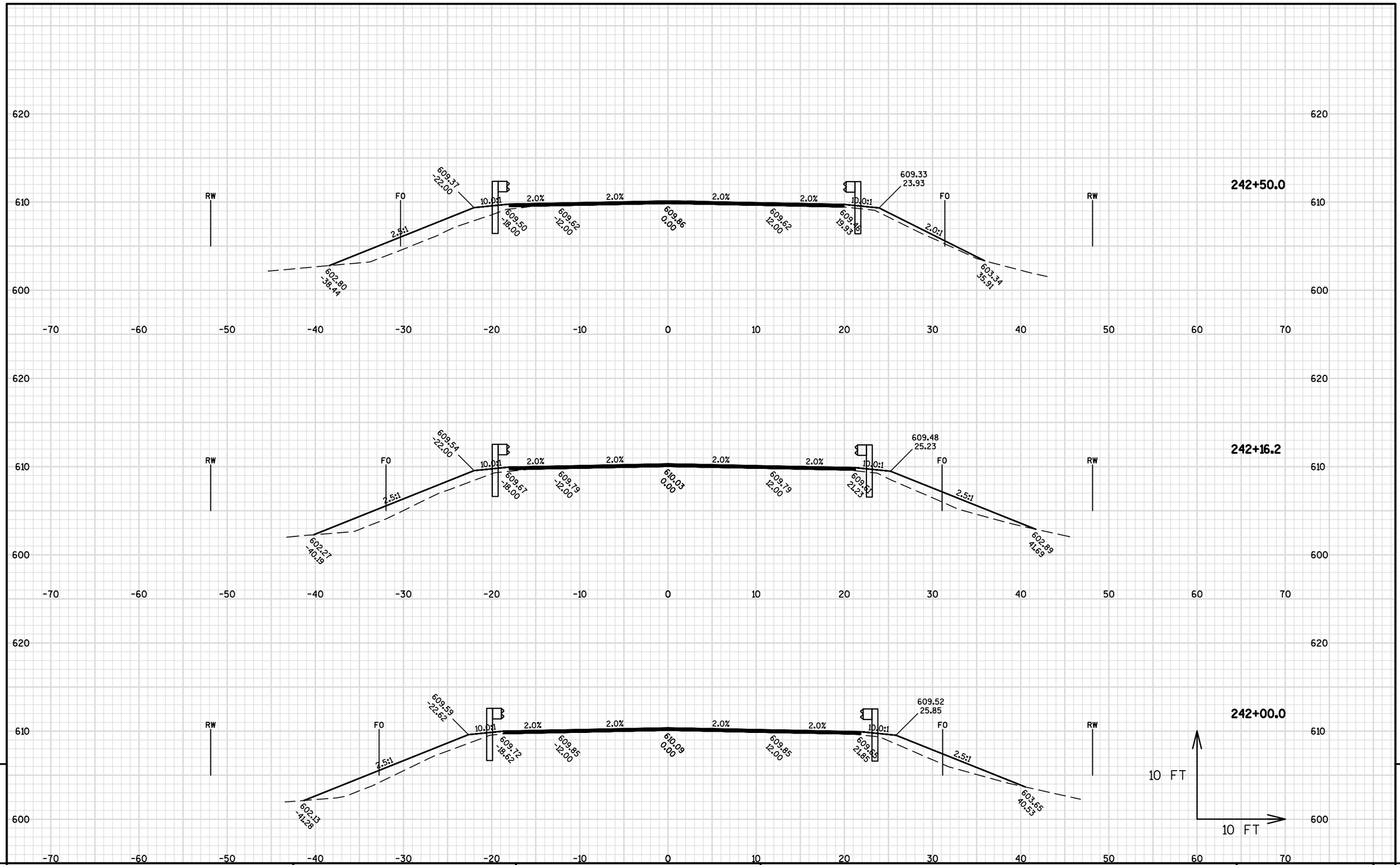
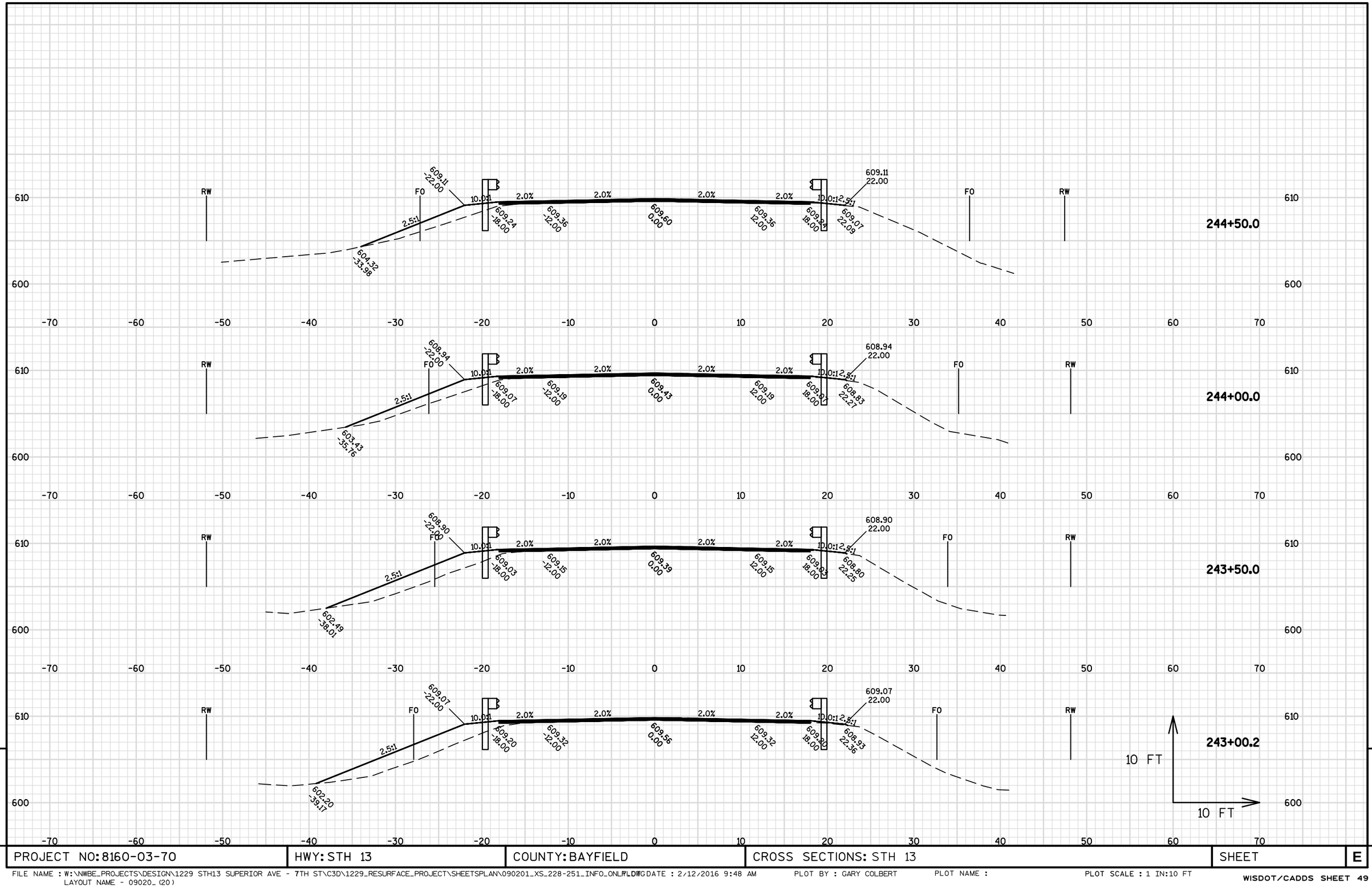
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(18)
PLOTTED DATE : 2/12/2016 9:48 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(19)
PLOTTED DATE : 2/12/2016 9:48 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



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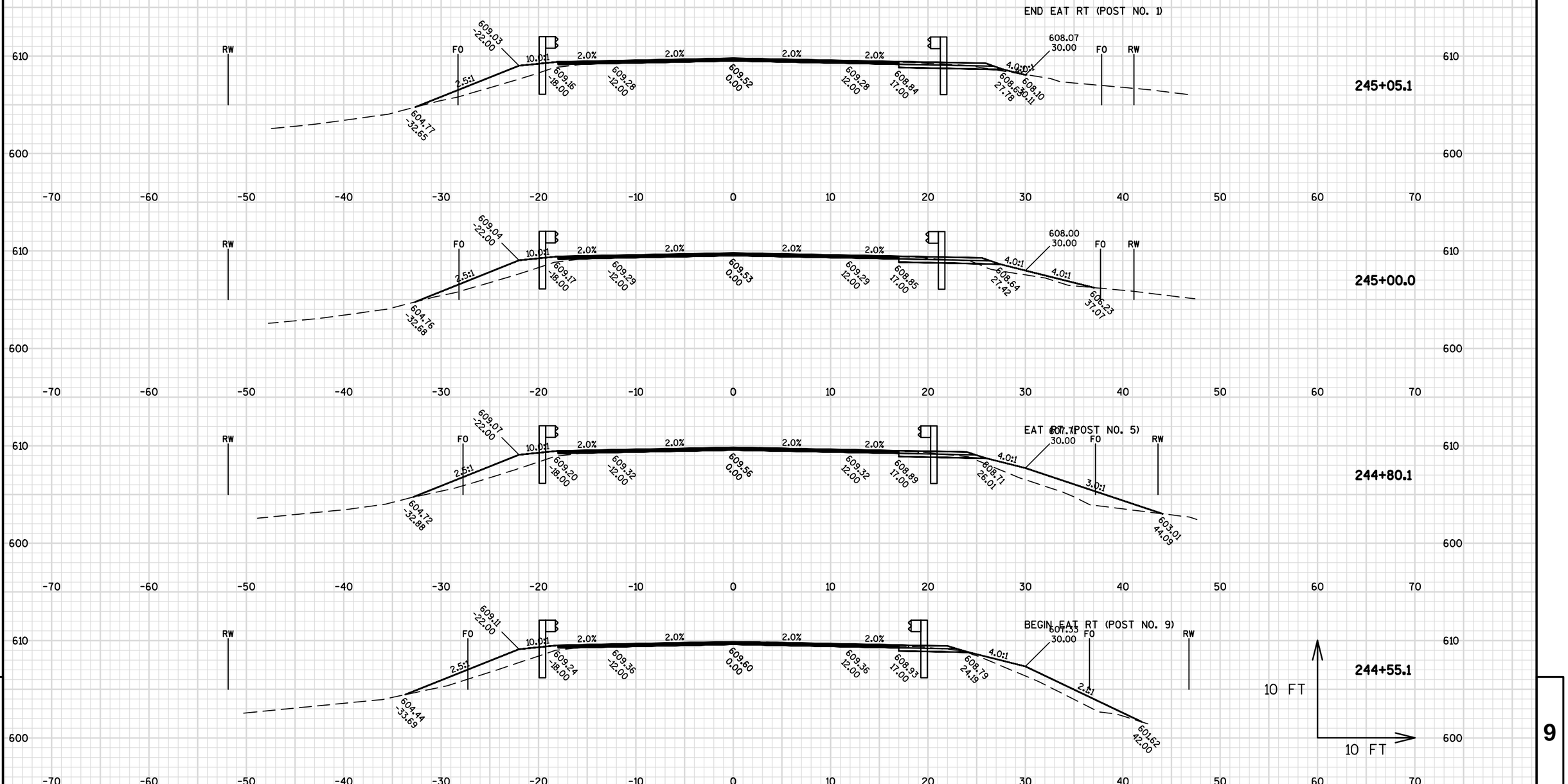
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(20)
PLOTTED DATE : 2/12/2016 9:48 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



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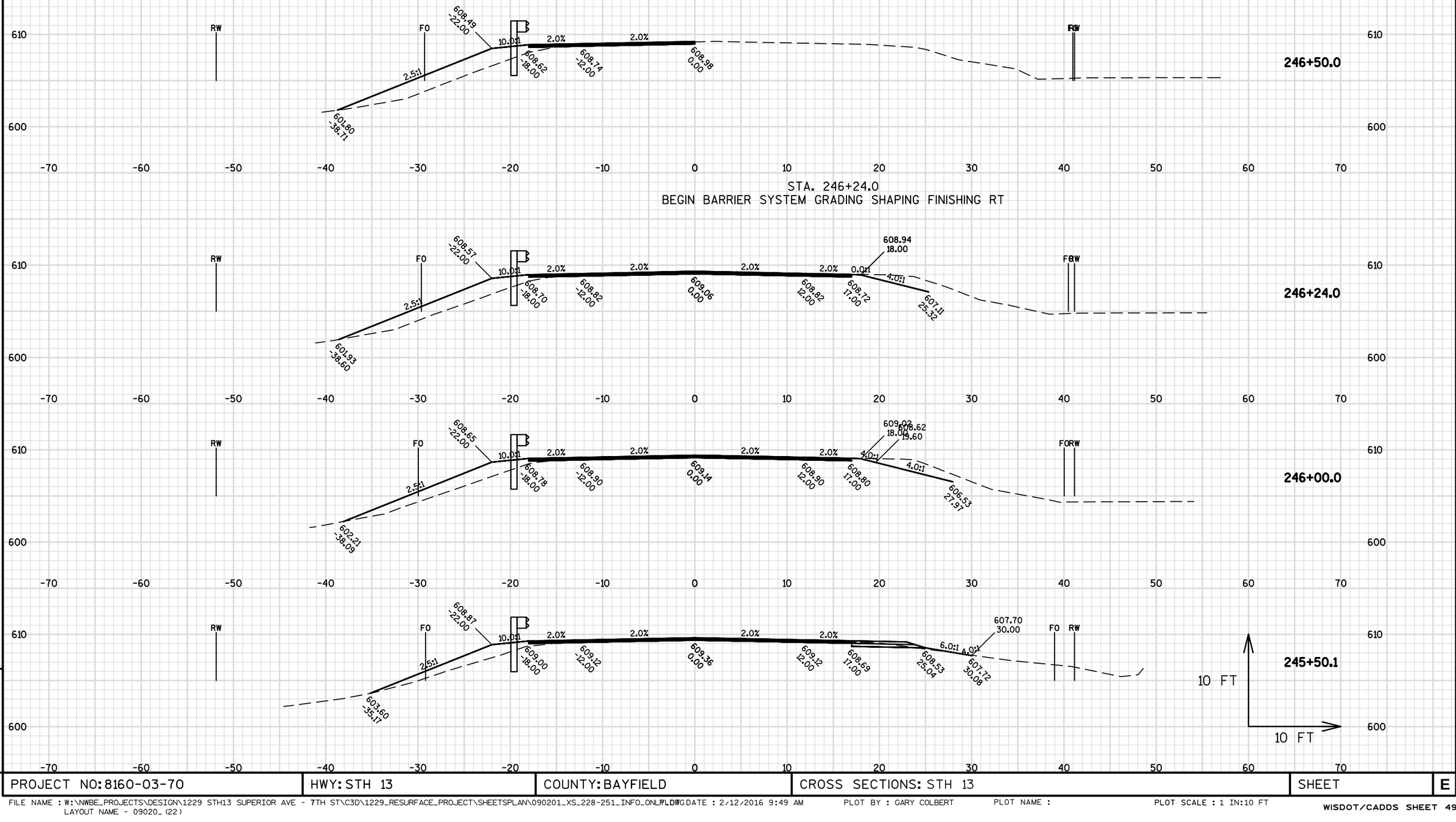
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(21)
PLOTTING DATE : 2/12/2016 9:49 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49



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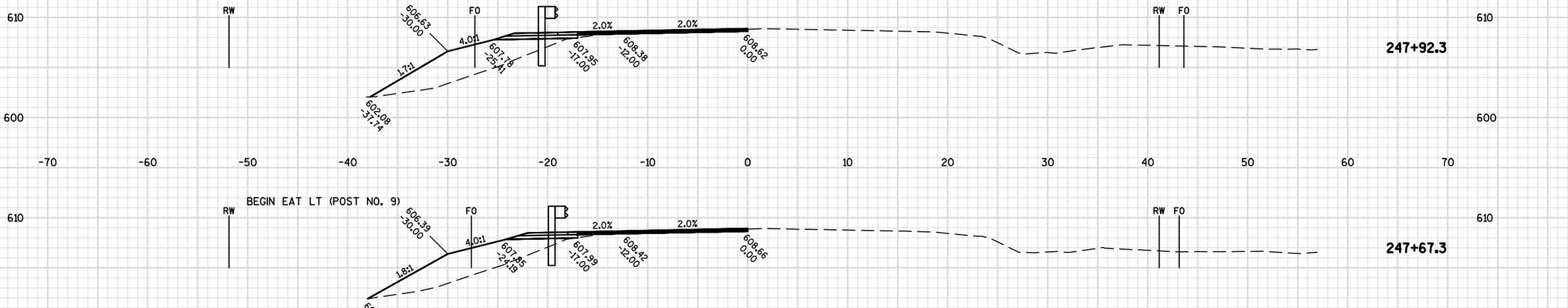
9

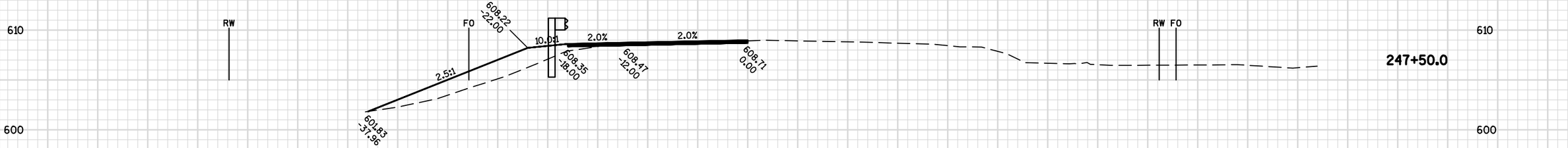
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

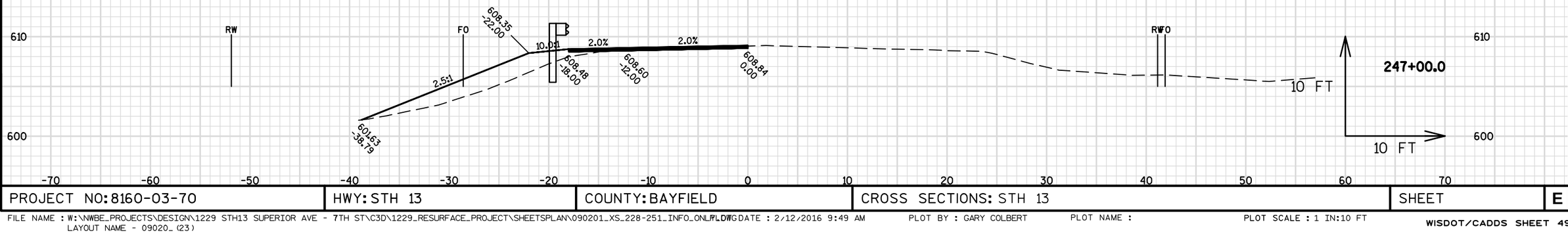
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(22)
PLOTTED DATE : 2/12/2016 9:49 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

EAT LT (POST NO. 5)



BEGIN EAT LT (POST NO. 9)

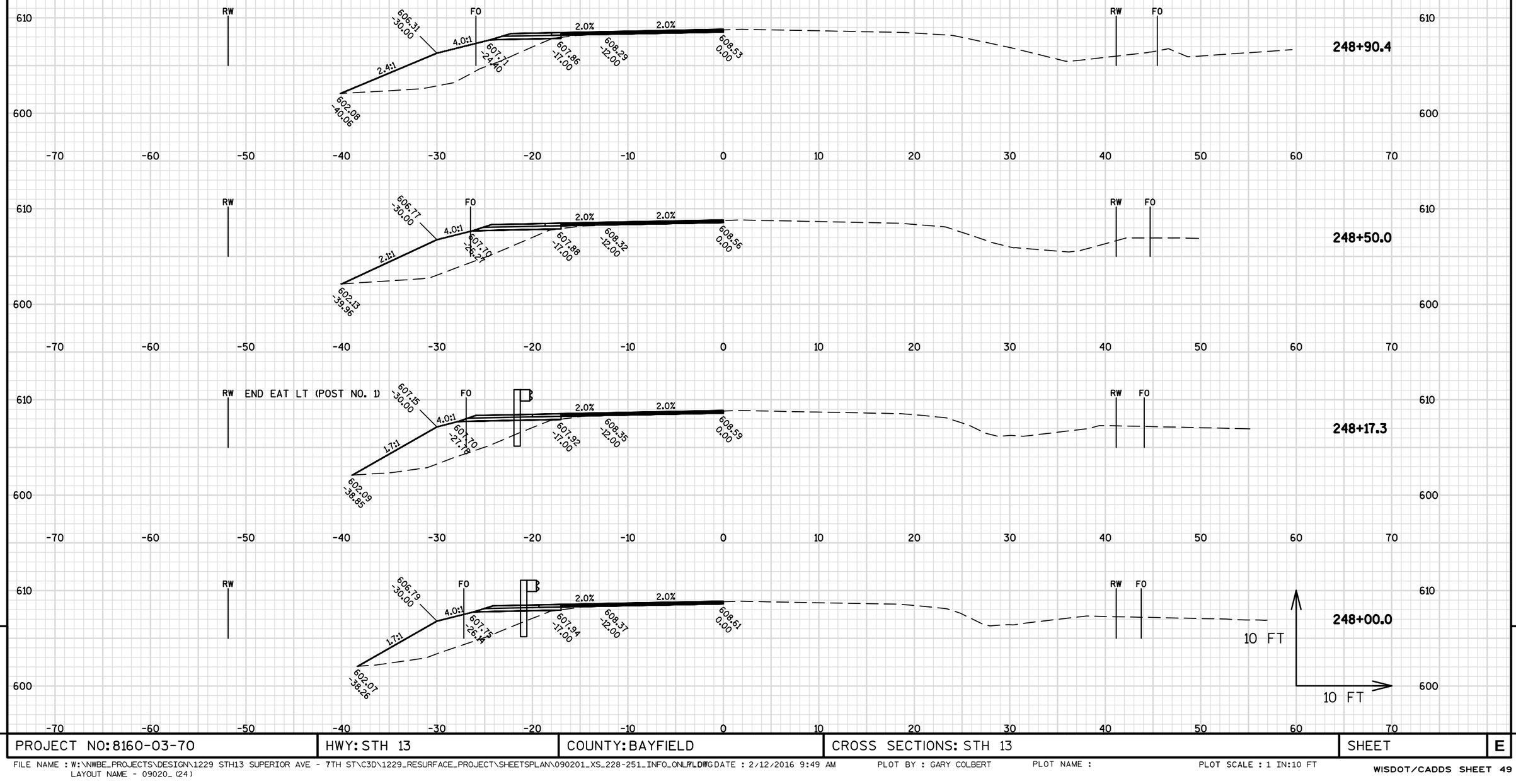




9 9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

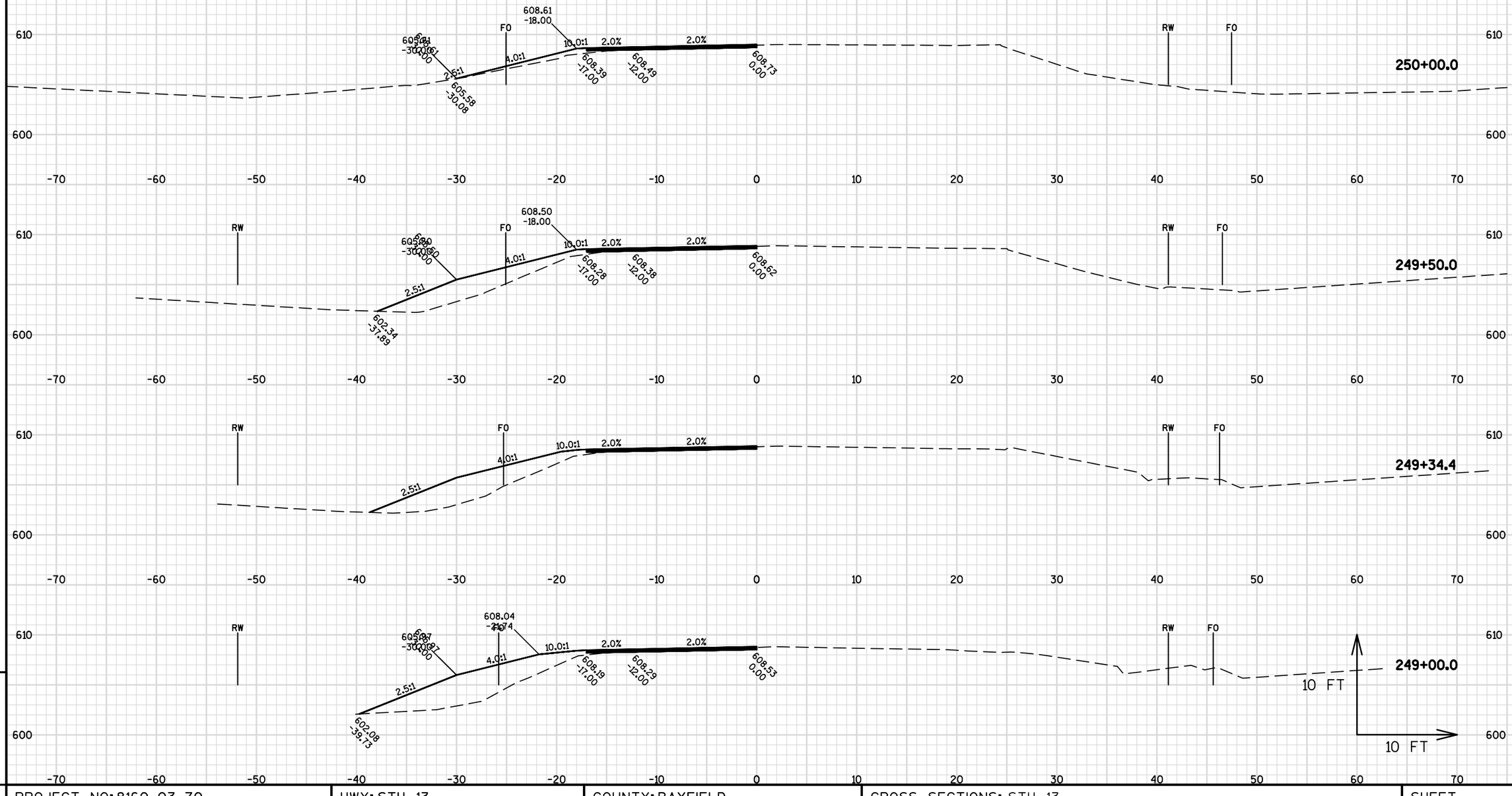
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG PLOT DATE : 2/12/2016 9:49 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 09020_(23)



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(24)
PLOTTED : 2/12/2016 9:49 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

STA. 250+00.0
END BARRIER SYSTEM GRADING SHAPING FINISHING LT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

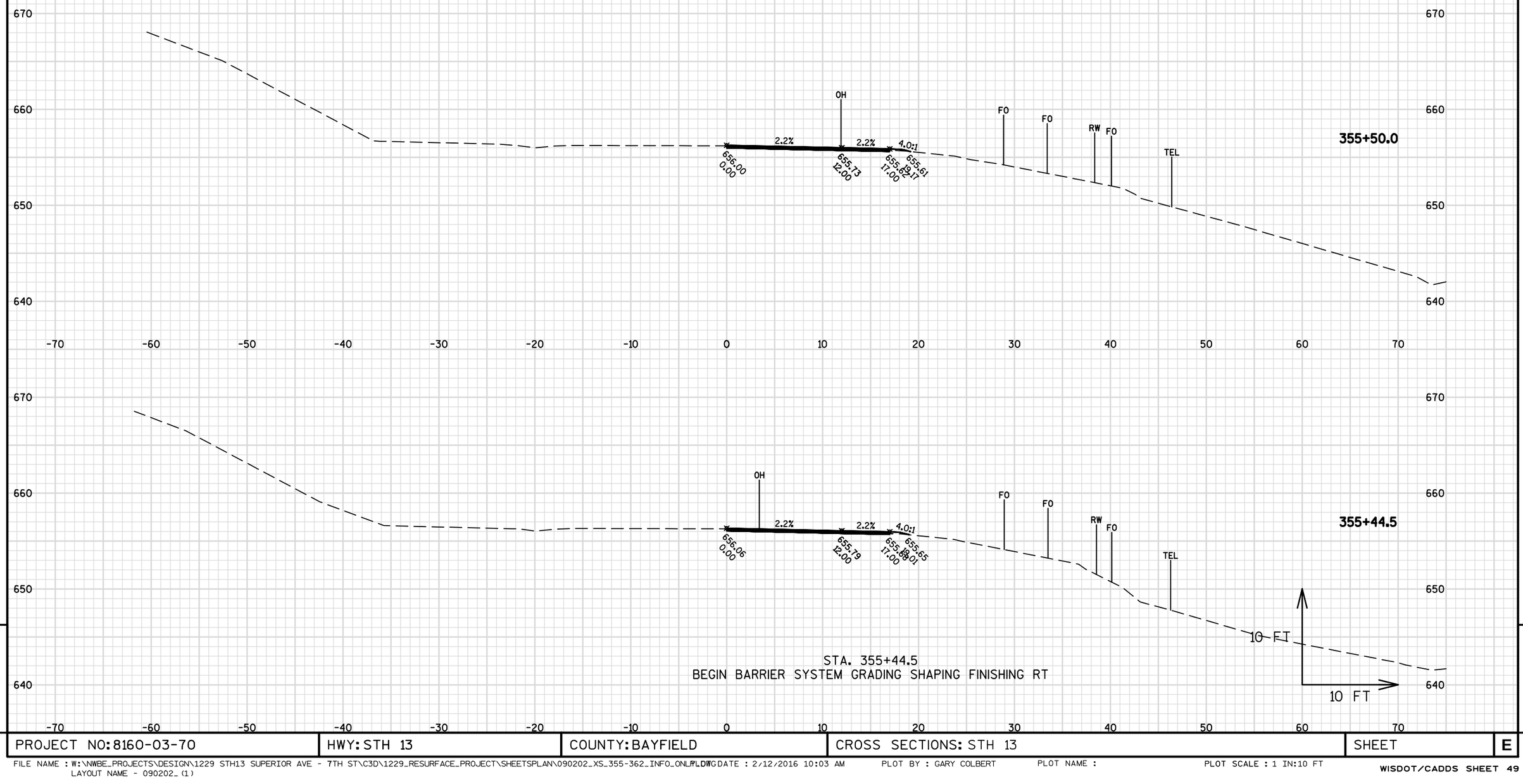
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090201_XS_228-251_INFO_ONLY.DWG
LAYOUT NAME - 09020_(25)
PLOTTED DATE : 2/12/2016 9:50 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

NOTE:

CROSS-SECTIONS FOR INFORMATION ONLY.

EARTHWORK AND LANDSCAPING ITEMS PAID FOR UNDER ITEM 614.0010 BARRIER SYSTEM GRADING SHAPING FINISHING.

ASPHALTIC SURFACE MILLING IS NOT INCLUDED IN THE EARTHWORK CUT QUANTITY.



STA. 355+44.5
BEGIN BARRIER SYSTEM GRADING SHAPING FINISHING RT

9

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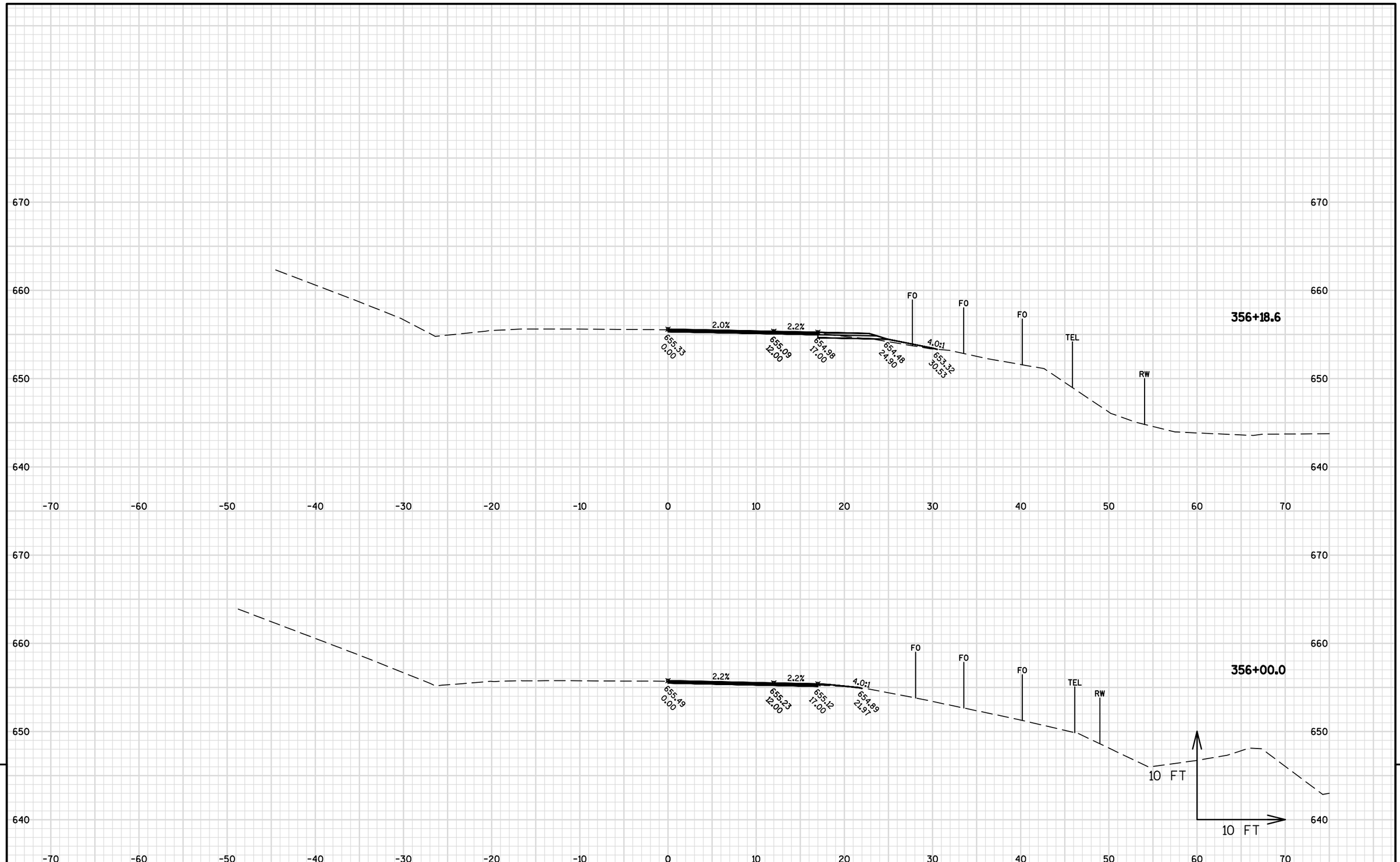
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG
LAYOUT NAME - 090202_(1)
PLOTTED DATE : 2/12/2016 10:03 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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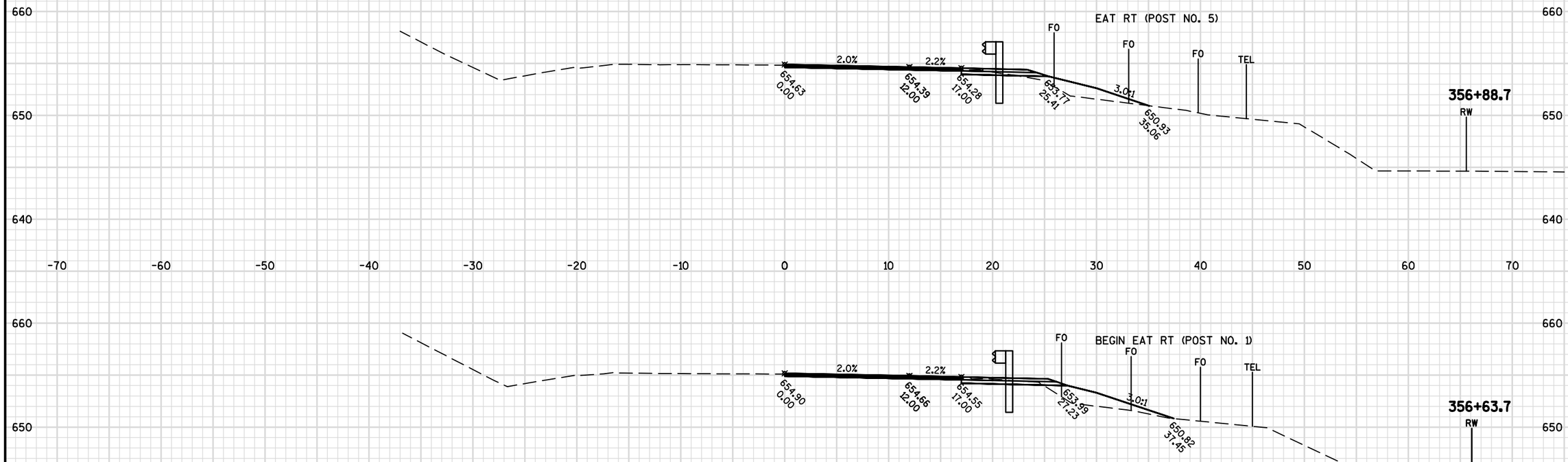
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG
LAYOUT NAME - 090202_(2)
PLOTTED DATE : 2/12/2016 10:03 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

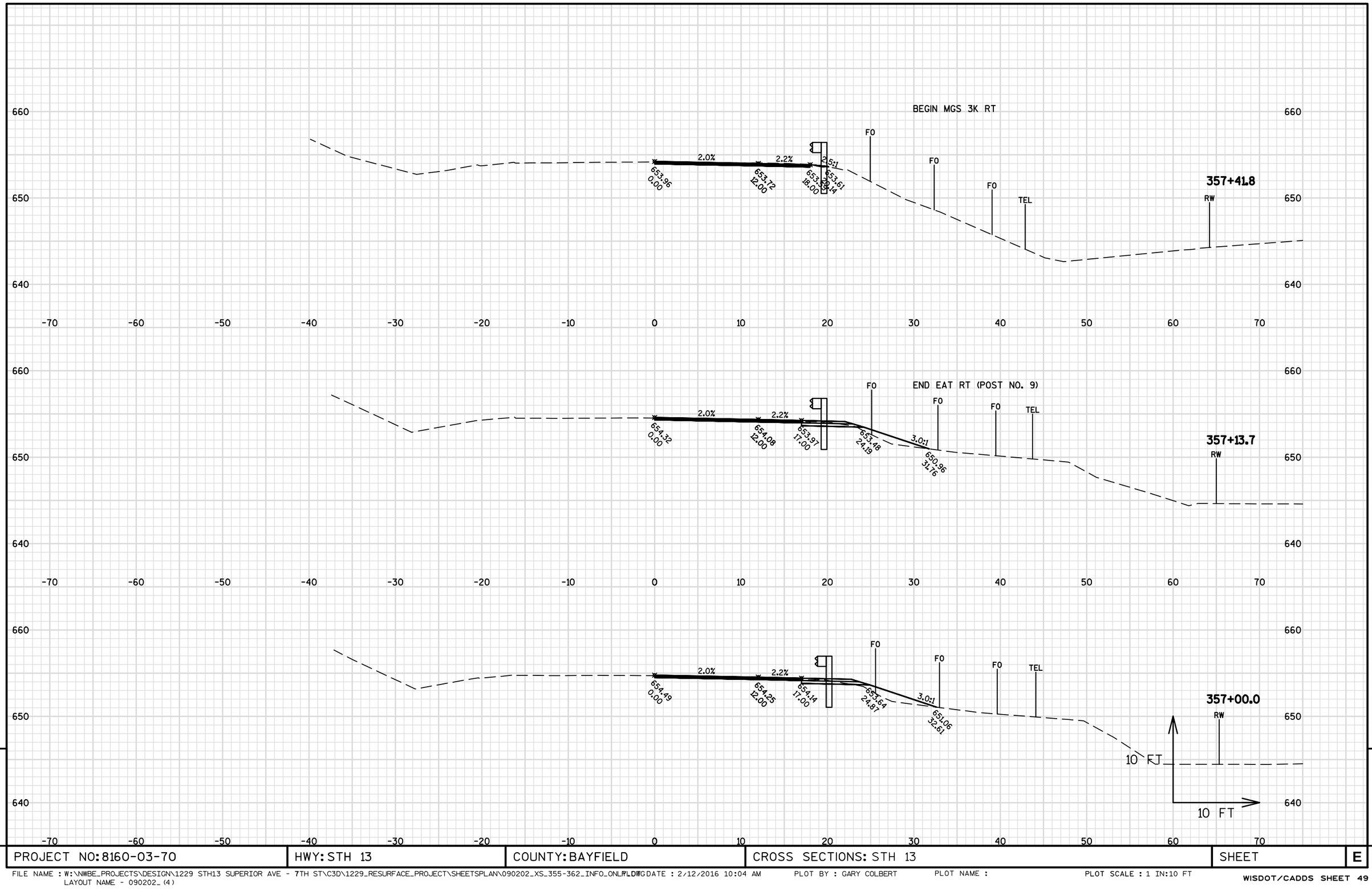
EAT RT (POST NO. 5)



BEGIN EAT RT (POST NO. 1)

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG
LAYOUT NAME - 090202_(3)
PLOTTED DATE : 2/12/2016 10:04 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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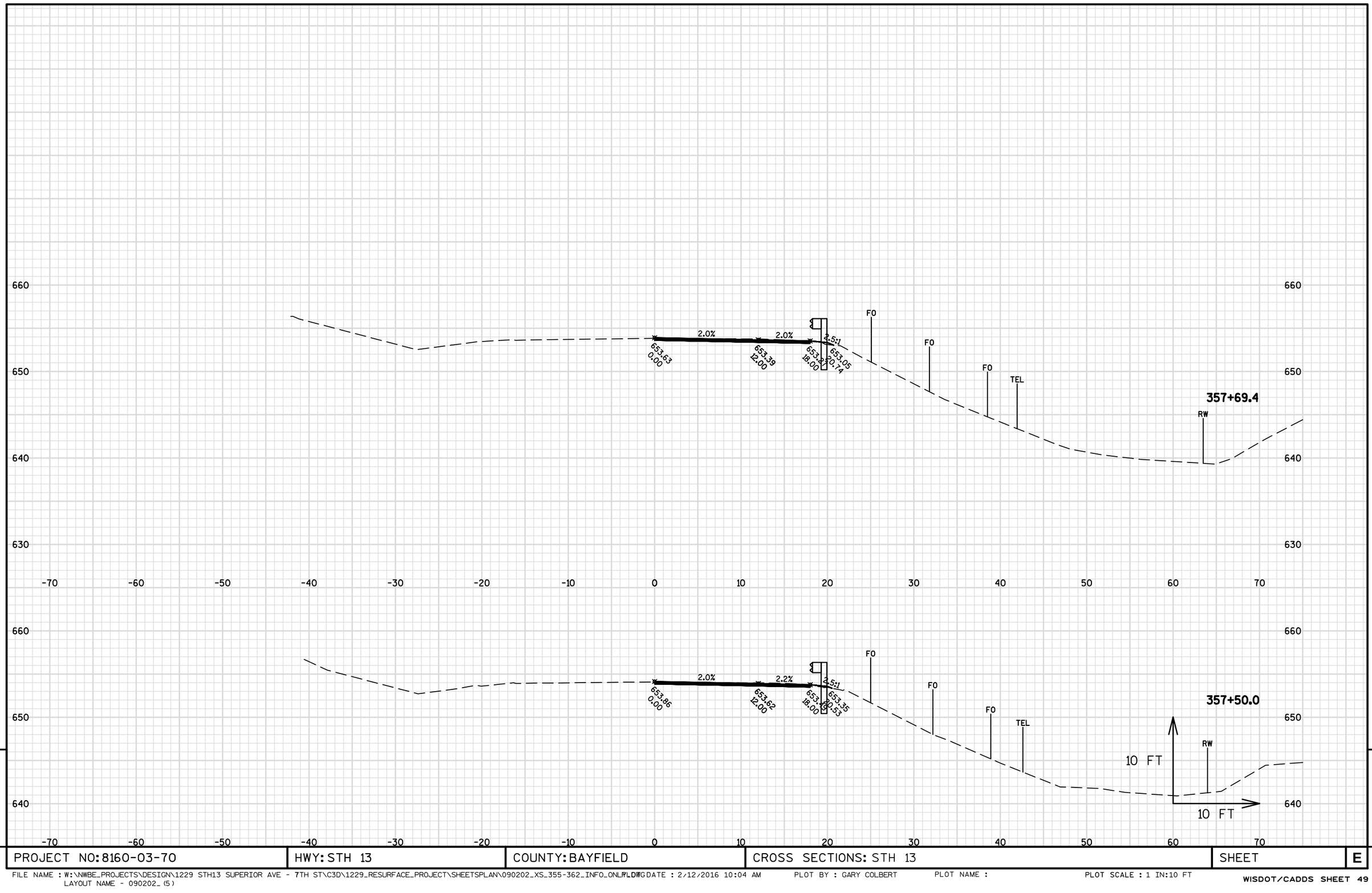
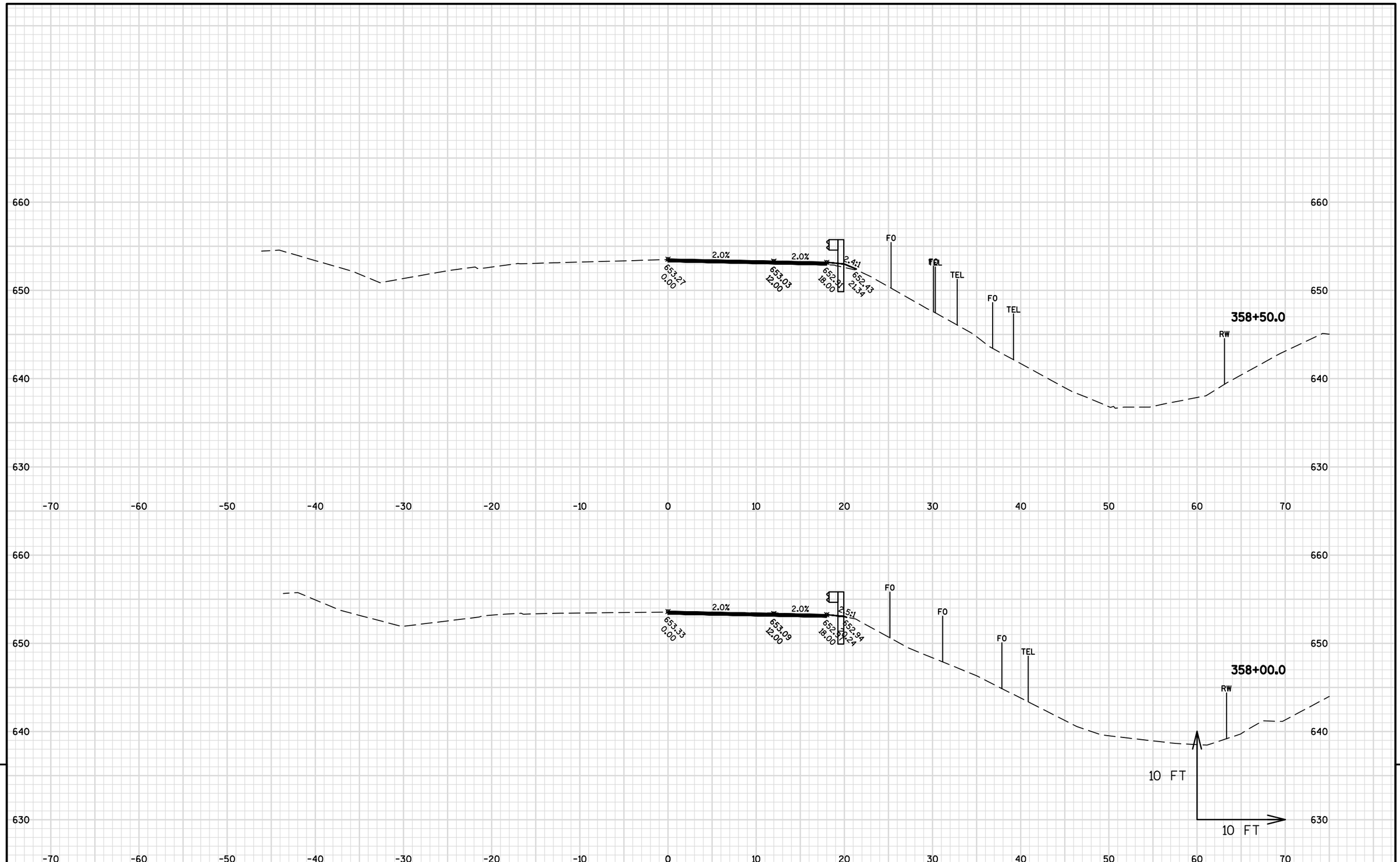
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG
LAYOUT NAME - 090202_(4)
PLOTTED : DATE : 2/12/2016 10:04 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG
LAYOUT NAME - 090202_(5)
PLOTTED DATE : 2/12/2016 10:04 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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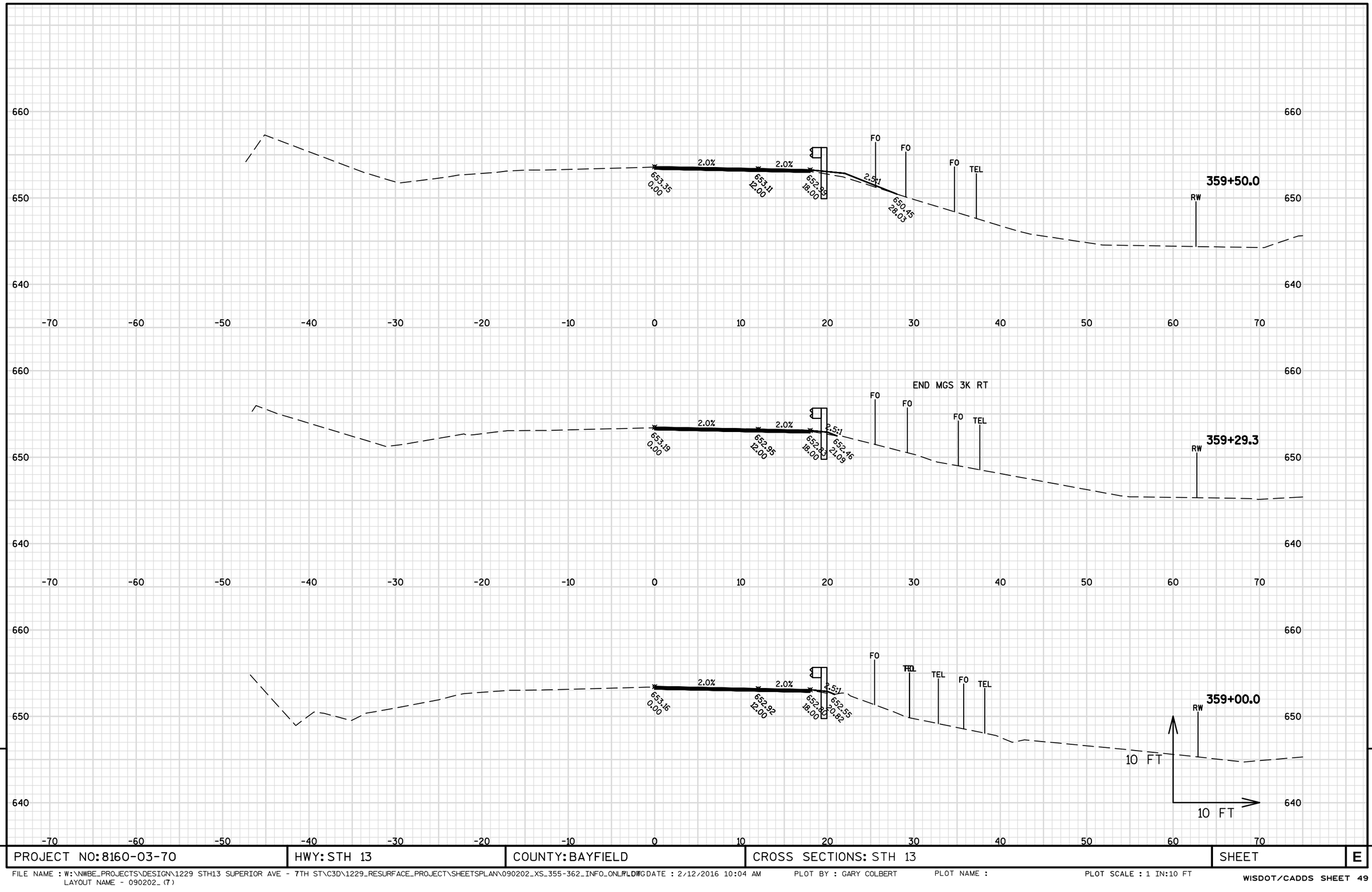
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG
LAYOUT NAME - 090202_(6)
PLOTTED DATE : 2/12/2016 10:04 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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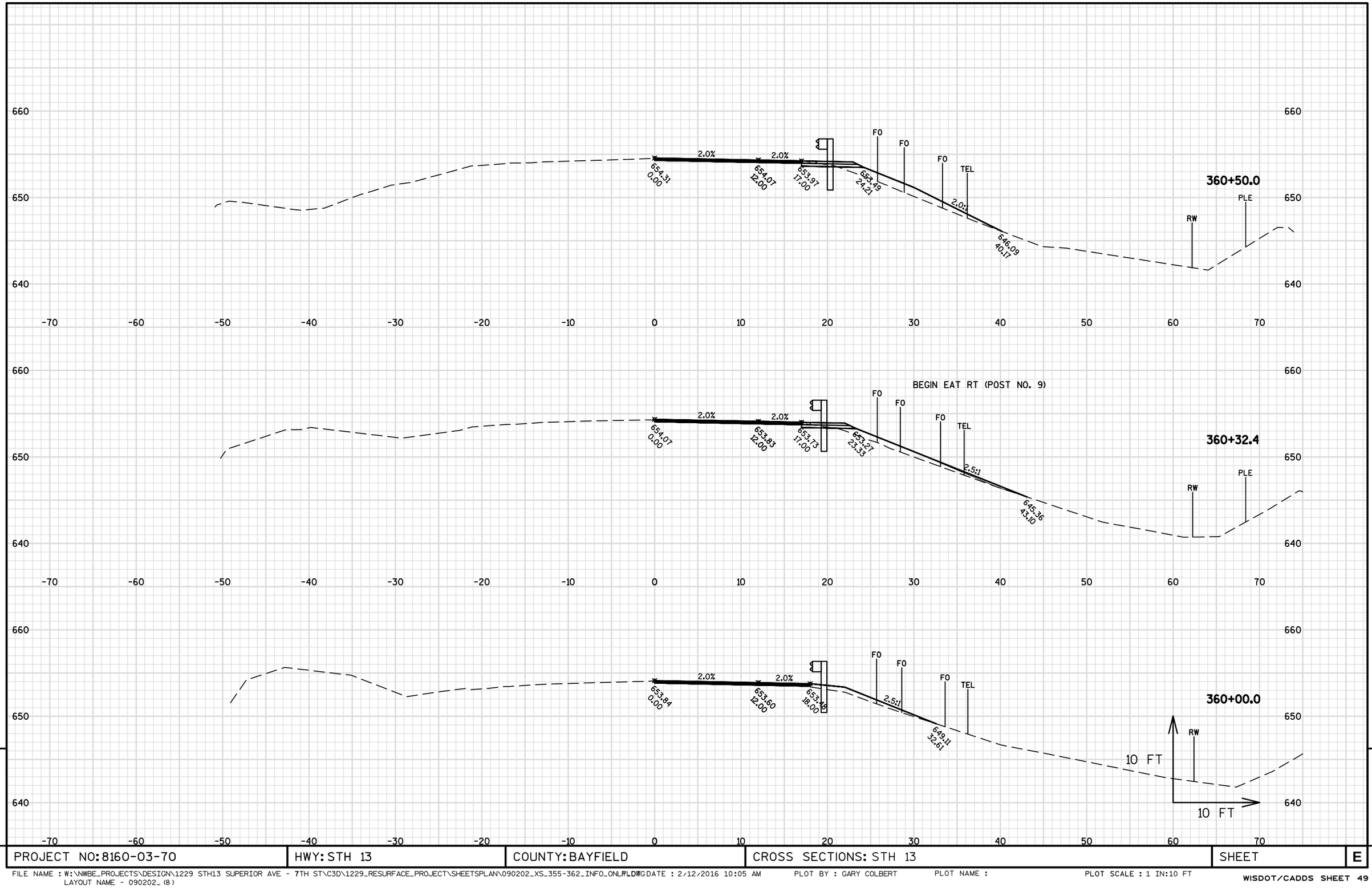
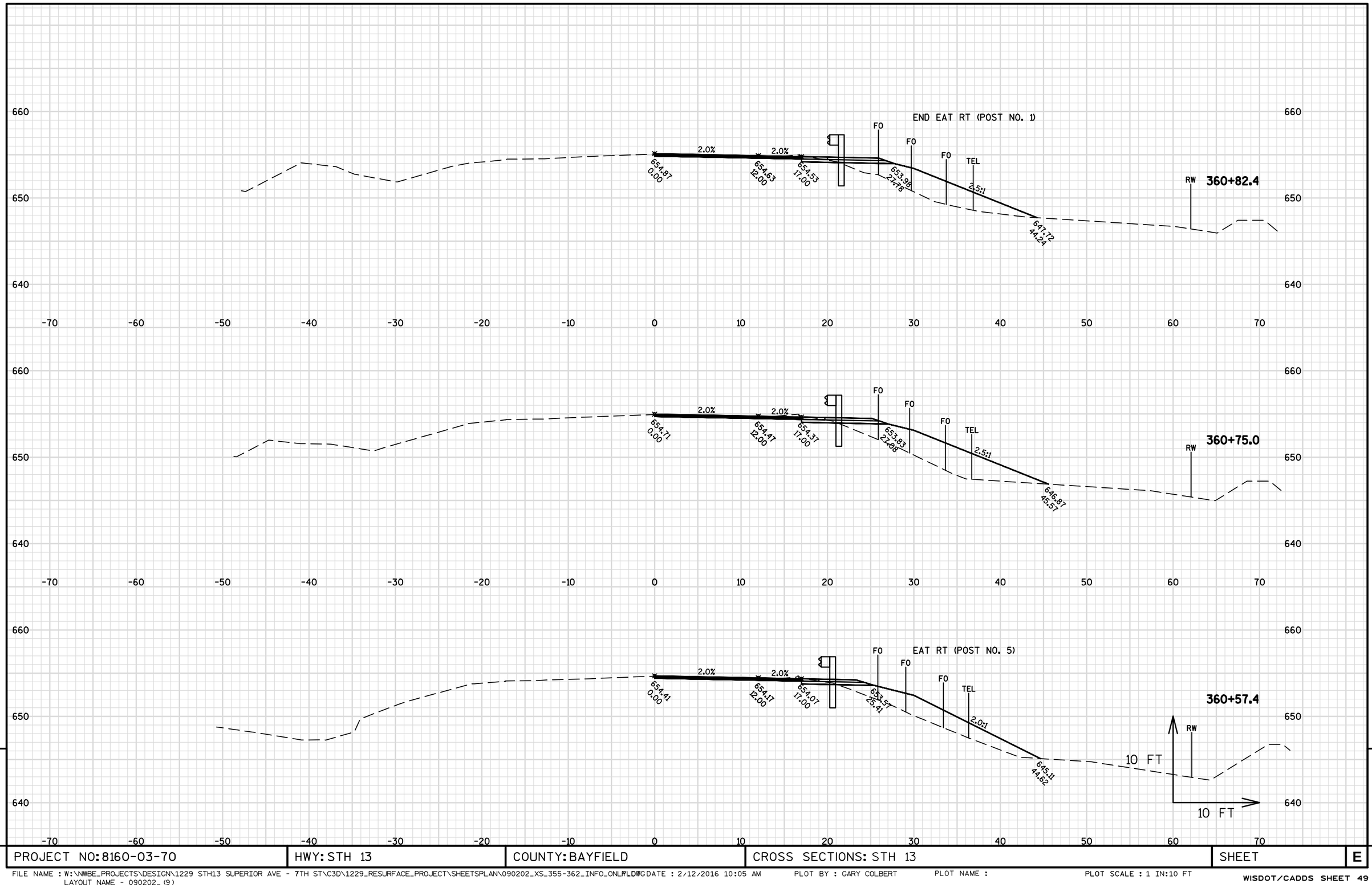
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG
LAYOUT NAME - 090202_(7)
PLOTTED DATE : 2/12/2016 10:04 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG
LAYOUT NAME - 090202_(8)
PLOTTED DATE : 2/12/2016 10:05 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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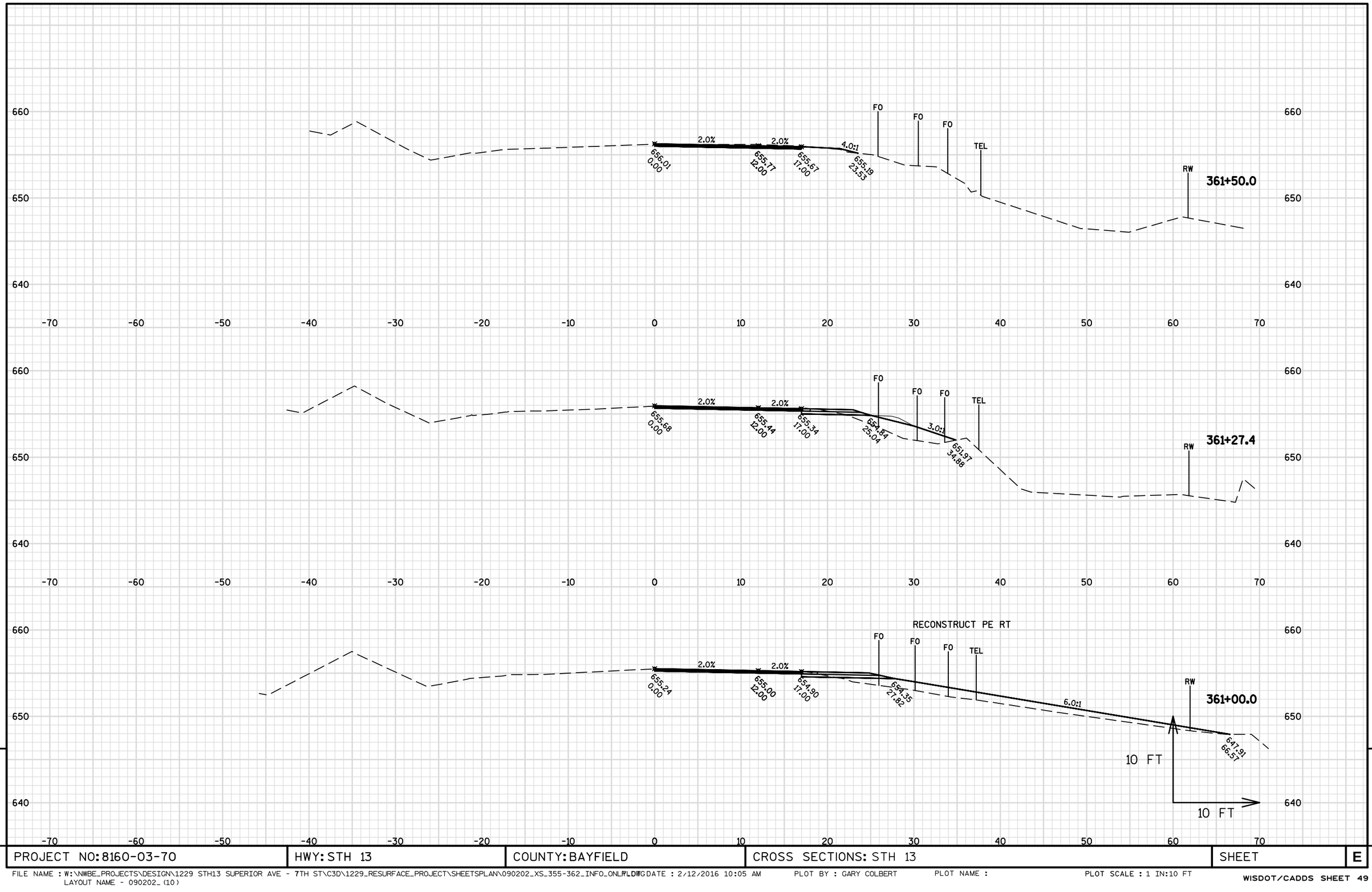
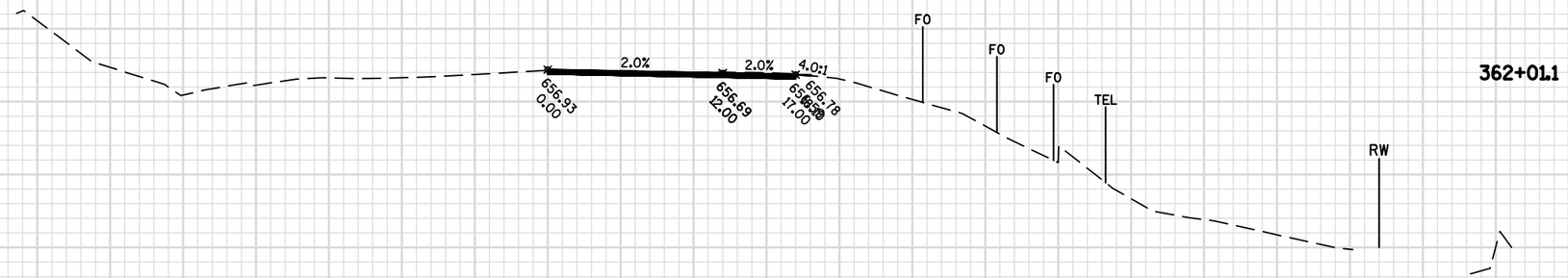
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG DATE : 2/12/2016 10:05 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090202_(9)



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

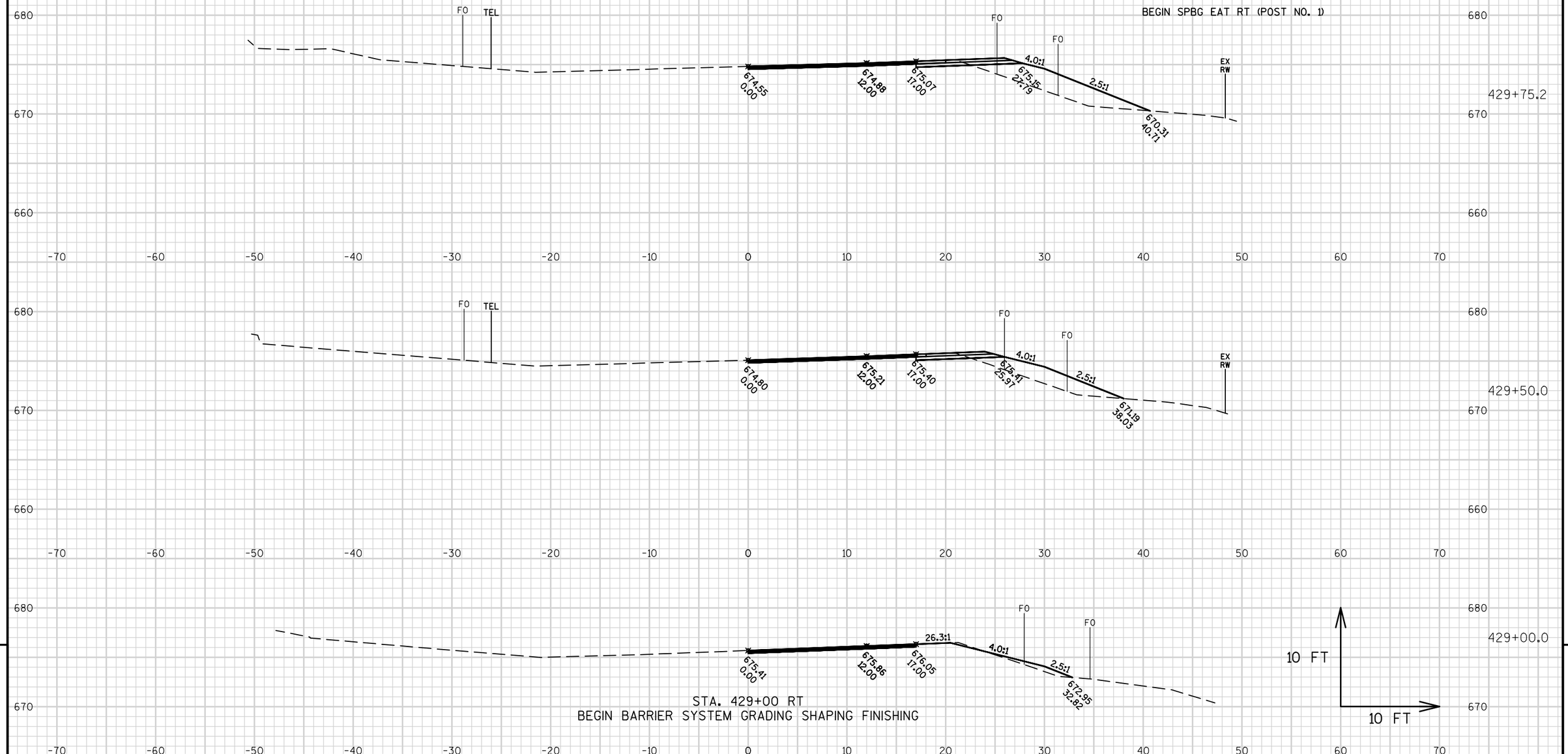
STA. 362+01.1
END BARRIER SYSTEM GRADING SHAPING FINISHING RT



STA. 362+00.0
END BARRIER SYSTEM GRADING SHAPING FINISHING RT

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202_XS_355-362_INFO_ONLY.DWG DATE : 2/12/2016 10:05 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090202_(11)

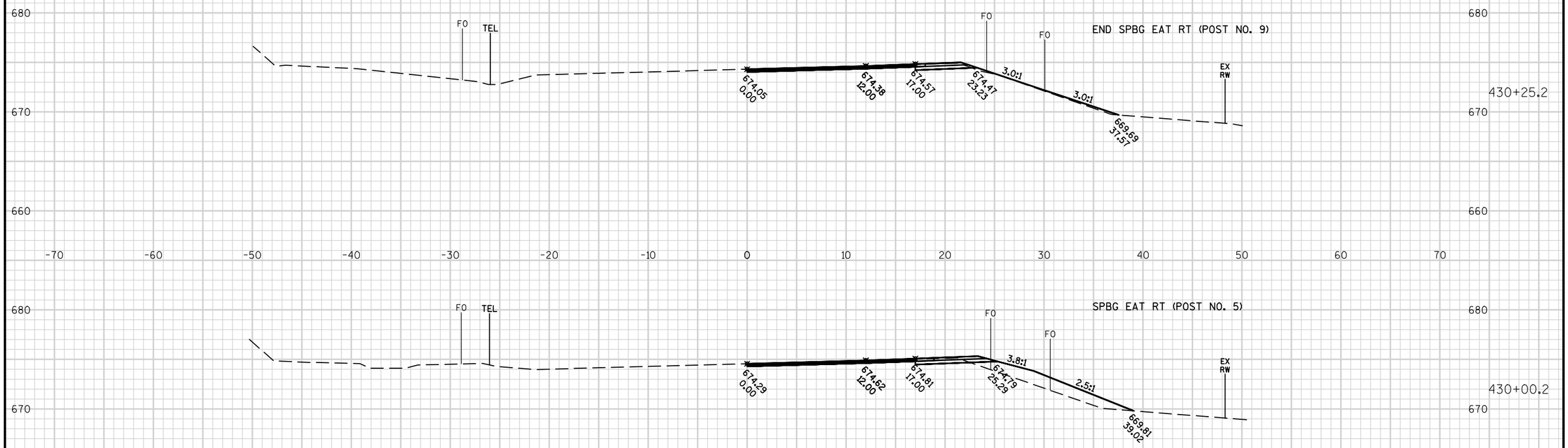


STA. 429+00 RT
BEGIN BARRIER SYSTEM GRADING SHAPING FINISHING

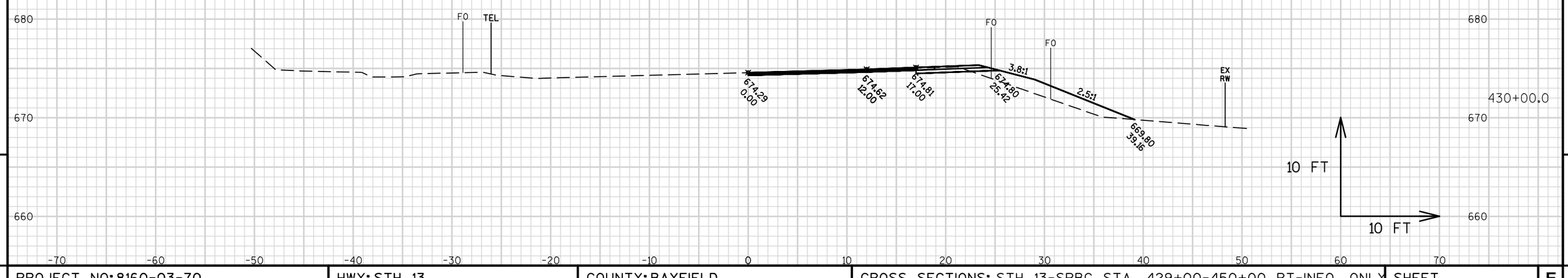
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG
LAYOUT NAME - 13BG_XS-429-450-RT1
PLOT DATE : 10/17/2016 11:29 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

END SPBG EAT RT (POST NO. 9)



SPBG EAT RT (POST NO. 5)



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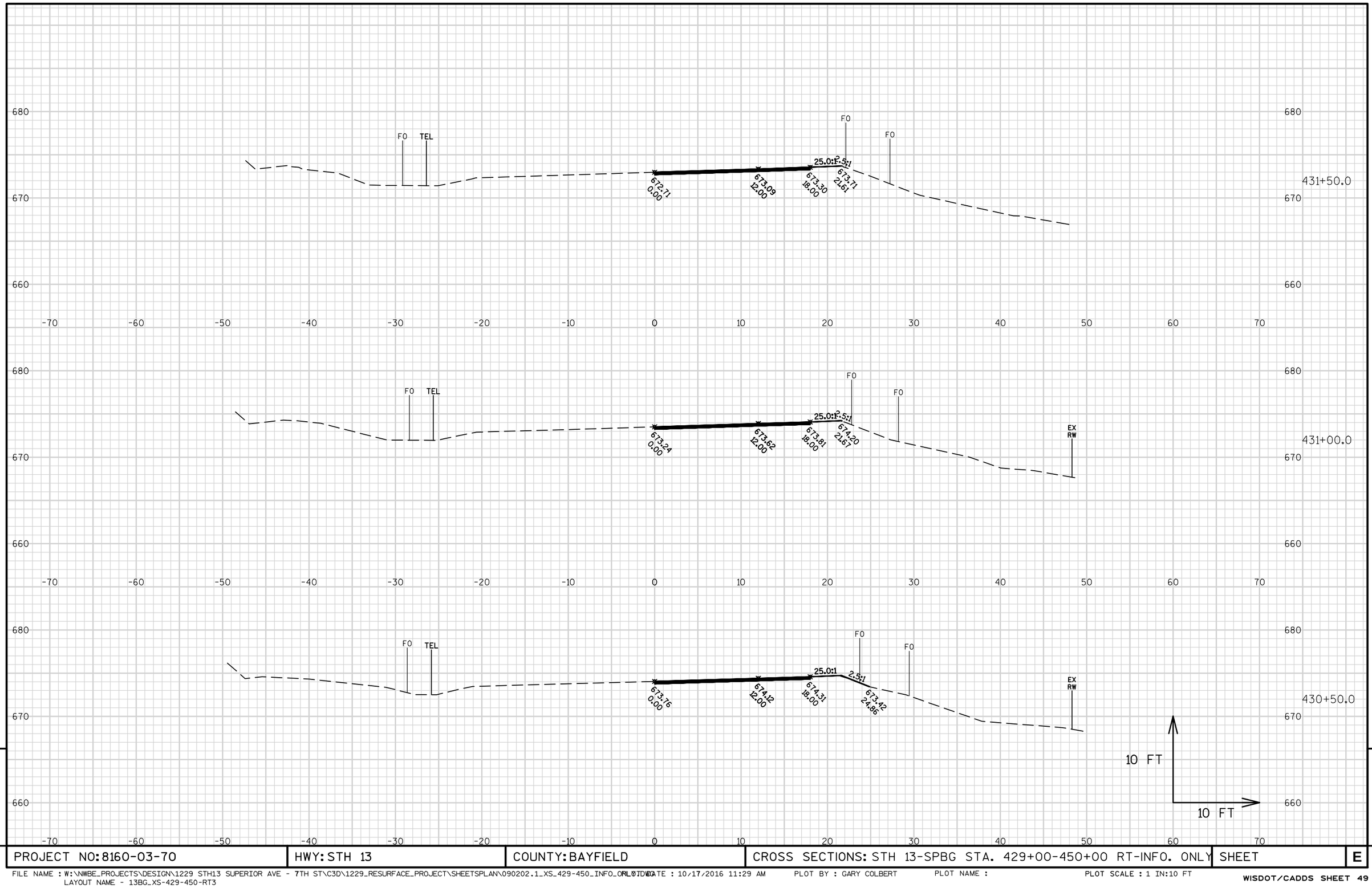
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ORL.DWG
LAYOUT NAME - 13BG_XS-429-450-RT2
PLOT DATE : 10/17/2016 11:29 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



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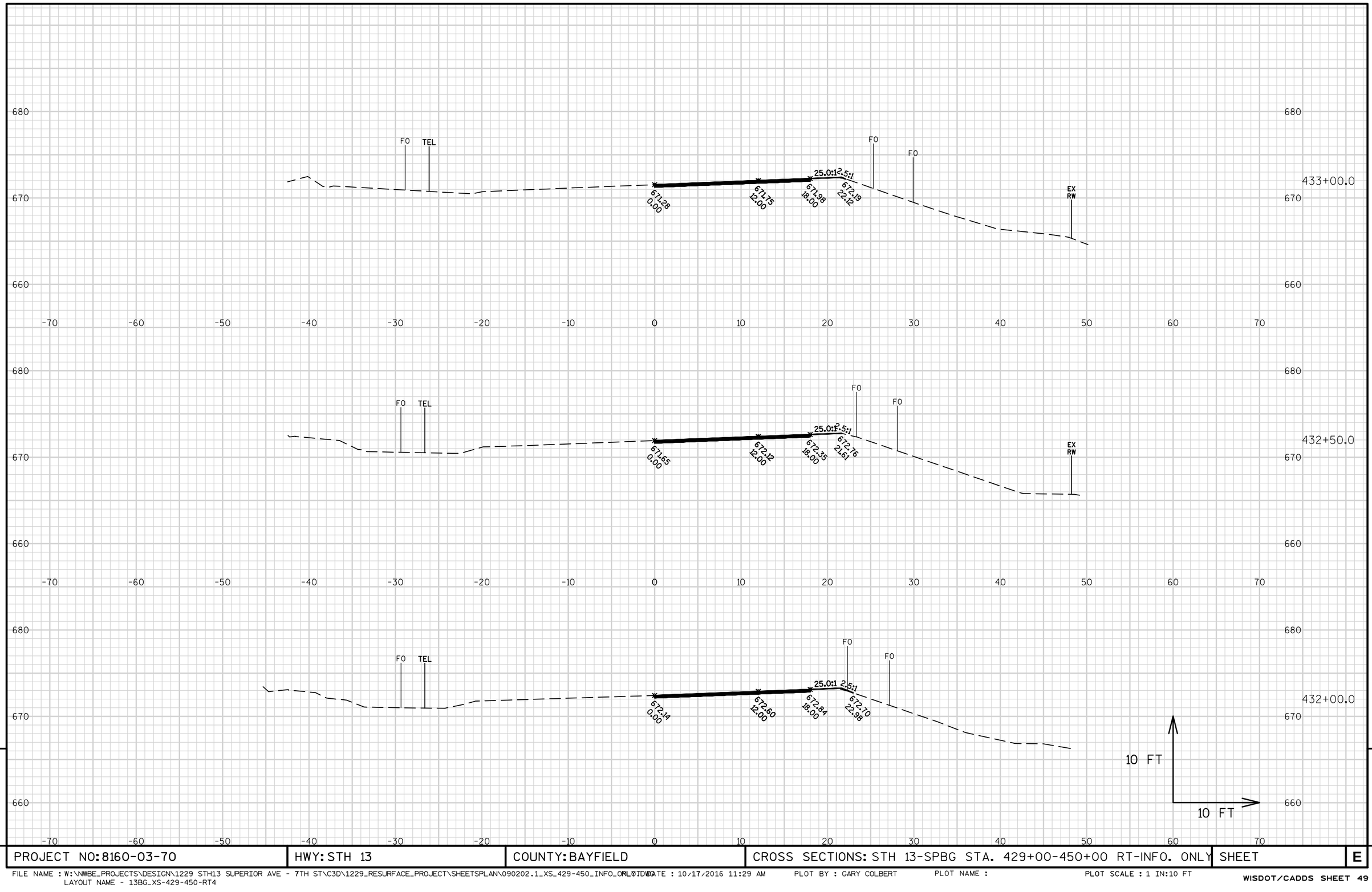
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG
LAYOUT NAME - 13BG_XS-429-450-RT3

PLOT DATE : 10/17/2016 11:29 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ORIG.DWG
LAYOUT NAME - 13BG_XS-429-450-RT4
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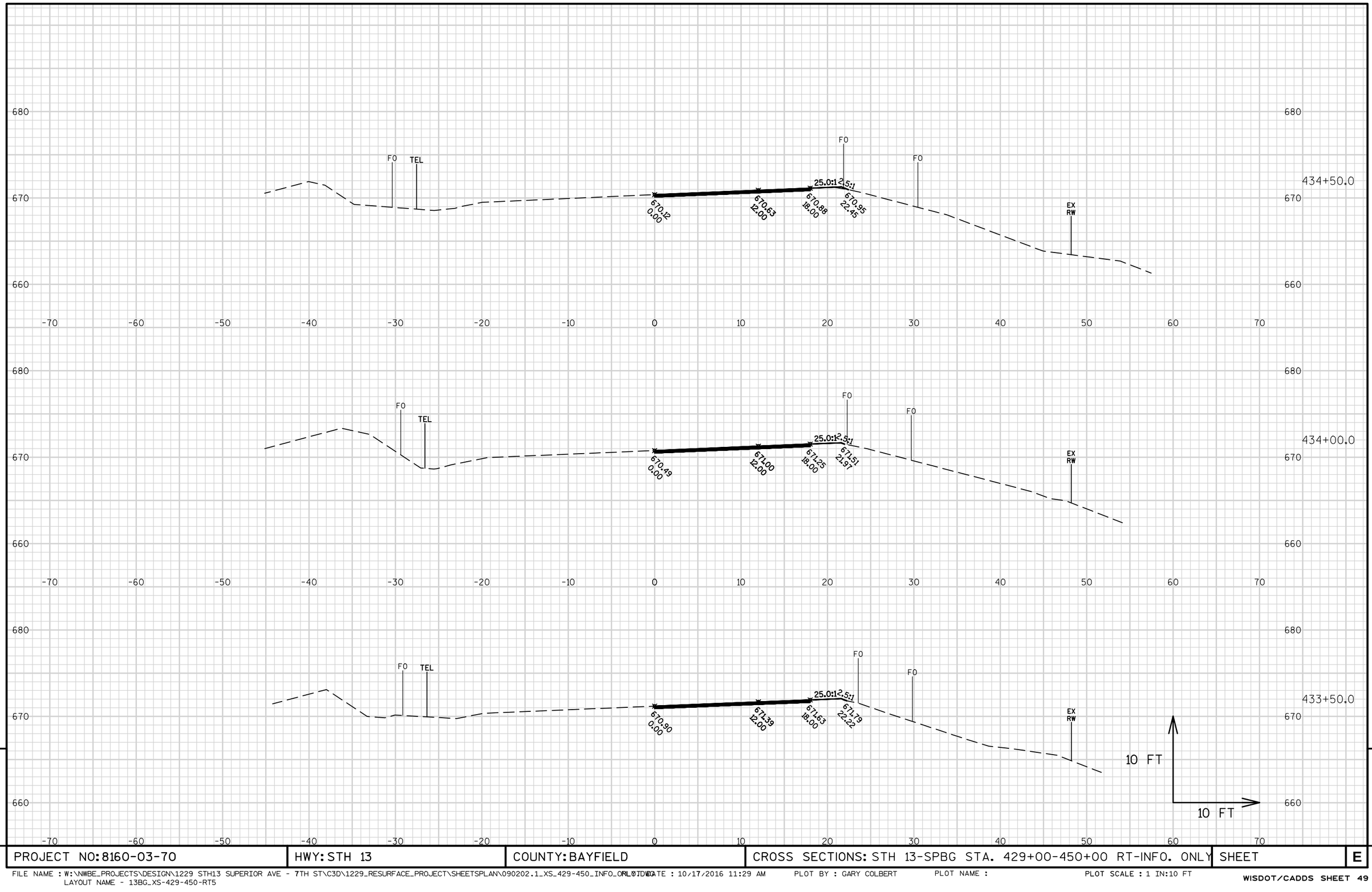

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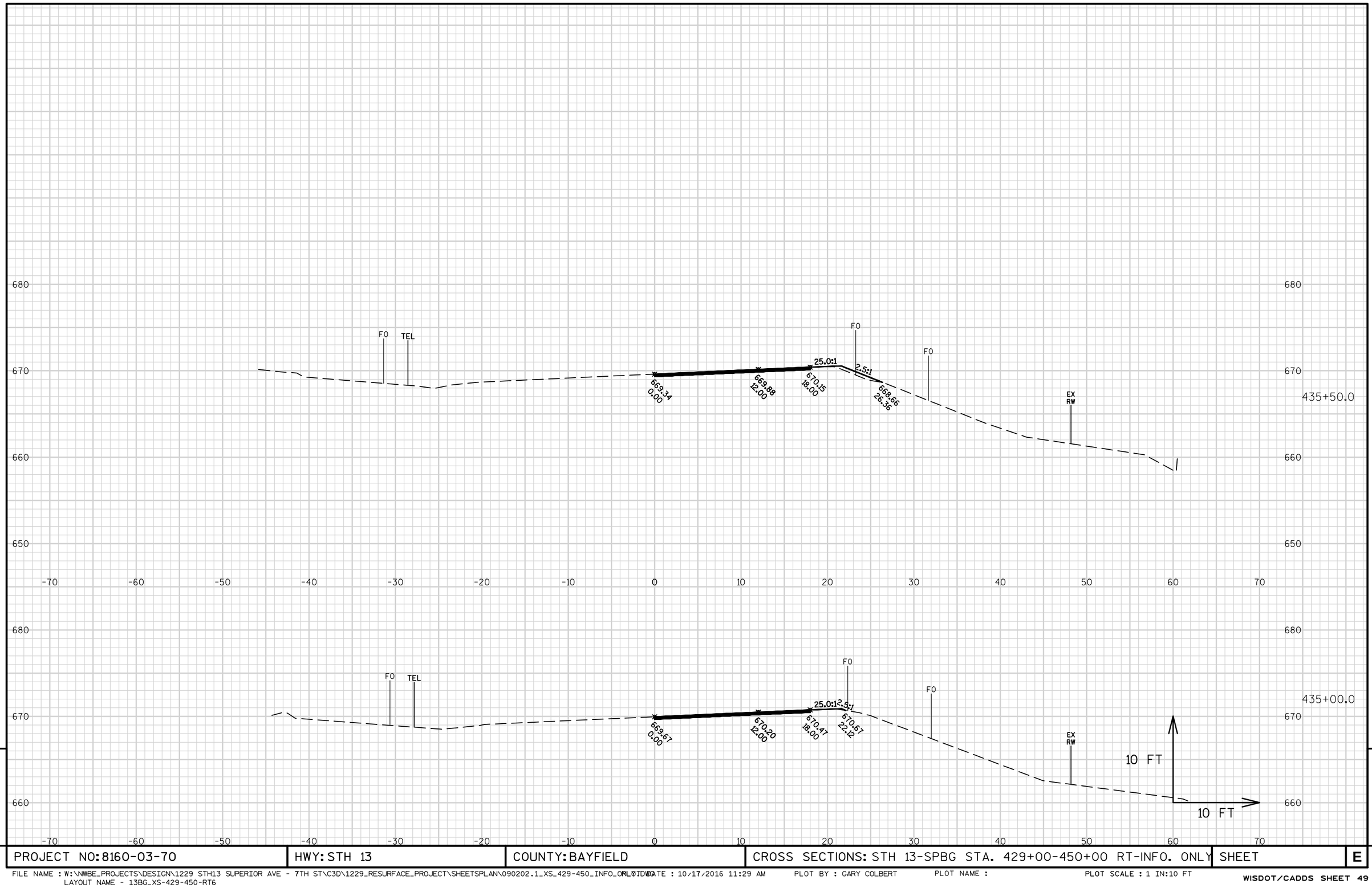
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ORIG.DWG
LAYOUT NAME - 13BG_XS-429-450-RT5
PLOT DATE : 10/17/2016 11:29 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ORL.DWG
LAYOUT NAME - 13BG_XS-429-450-RT6

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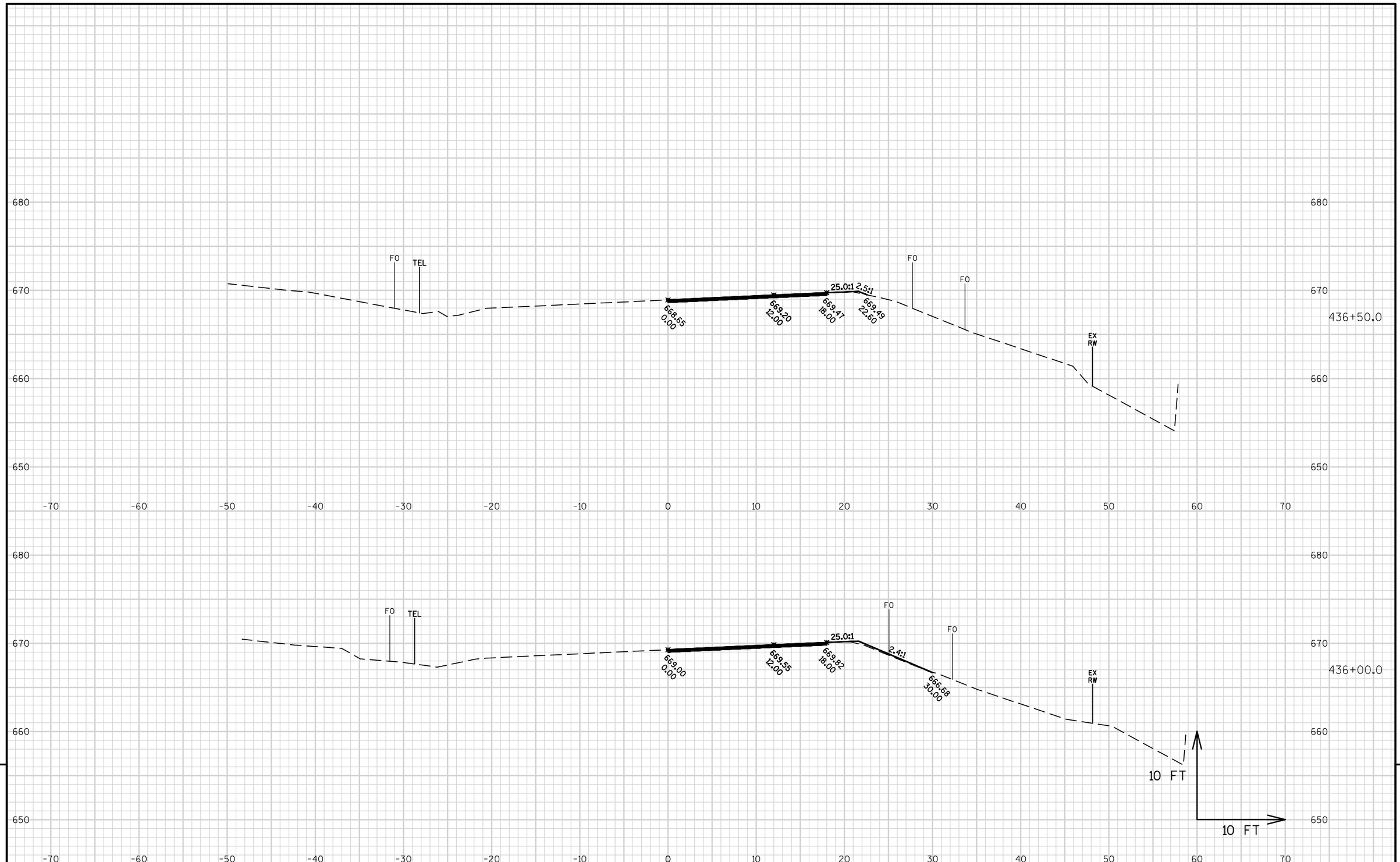

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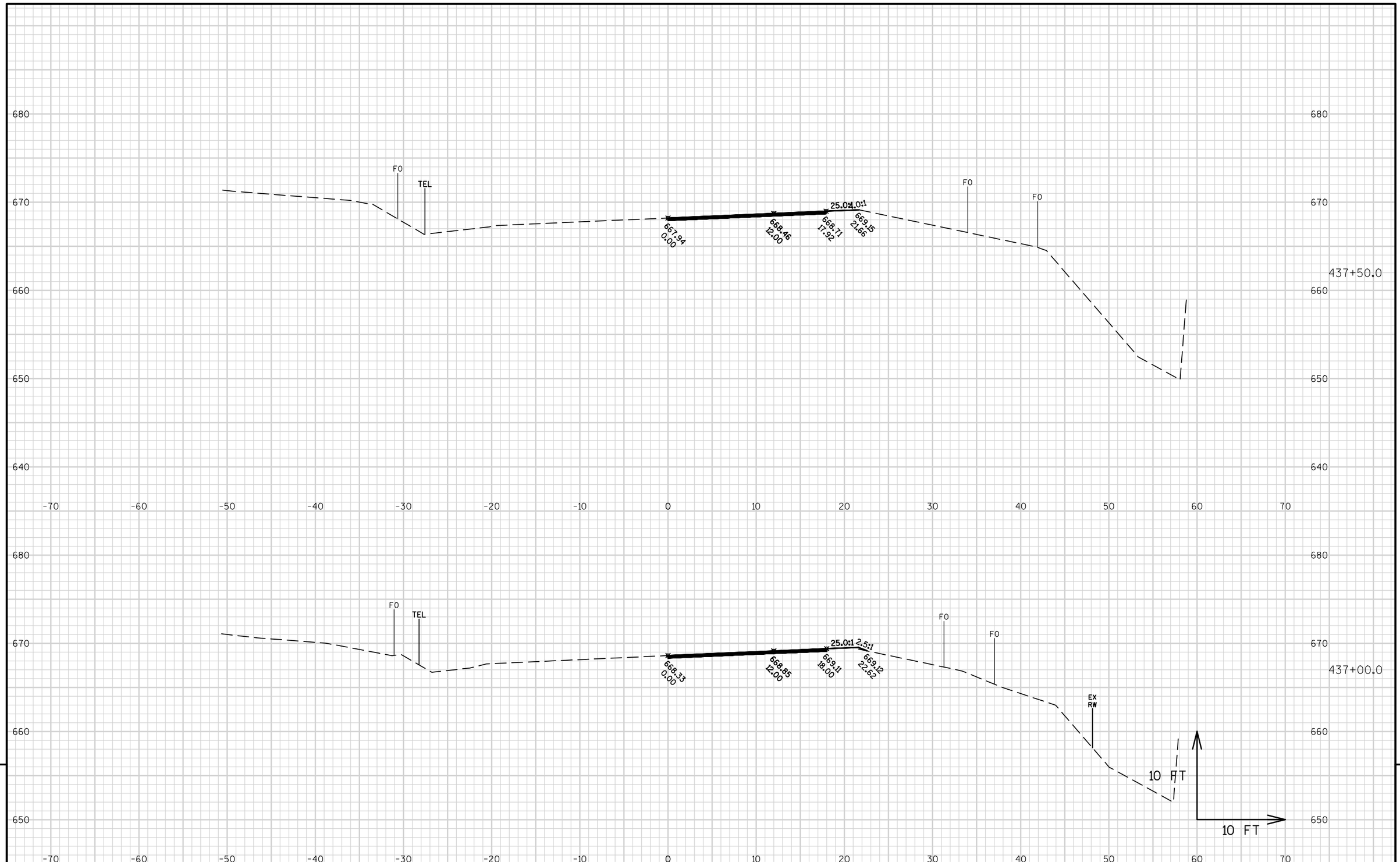
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG PLOT DATE : 10/17/2016 11:29 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 13BG_XS-429-450-RT7



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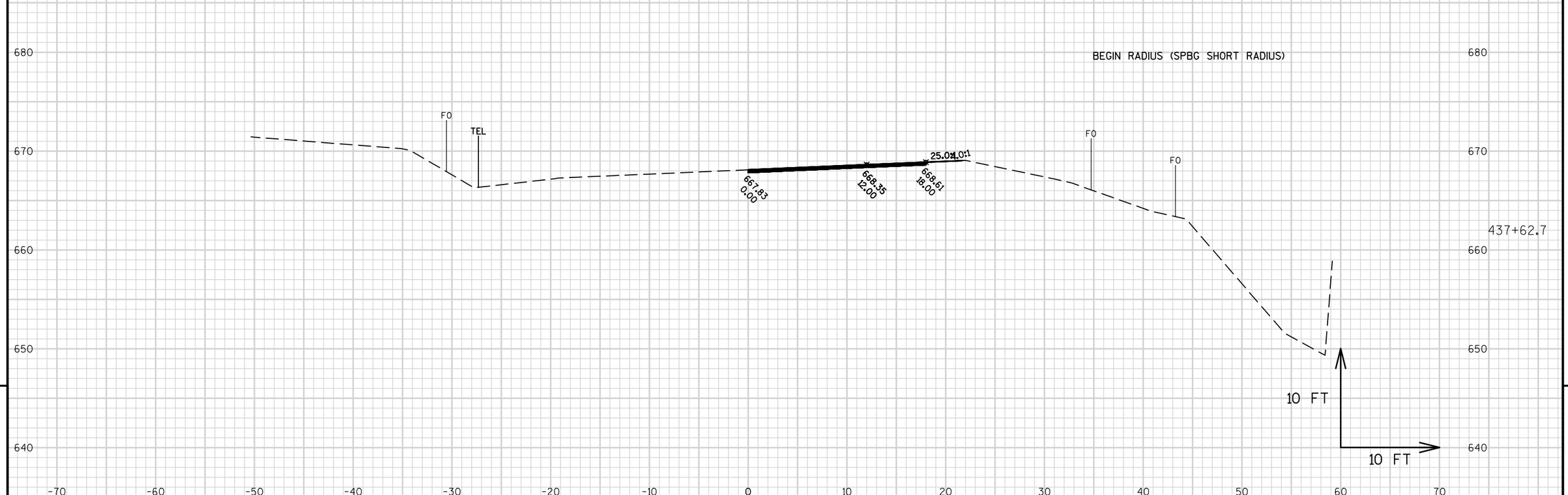
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG PLOT DATE : 10/17/2016 11:29 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 13BG_XS-429-450-RT8



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PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG PLOT DATE : 10/17/2016 11:29 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 13BG_XS-429-450-RT9

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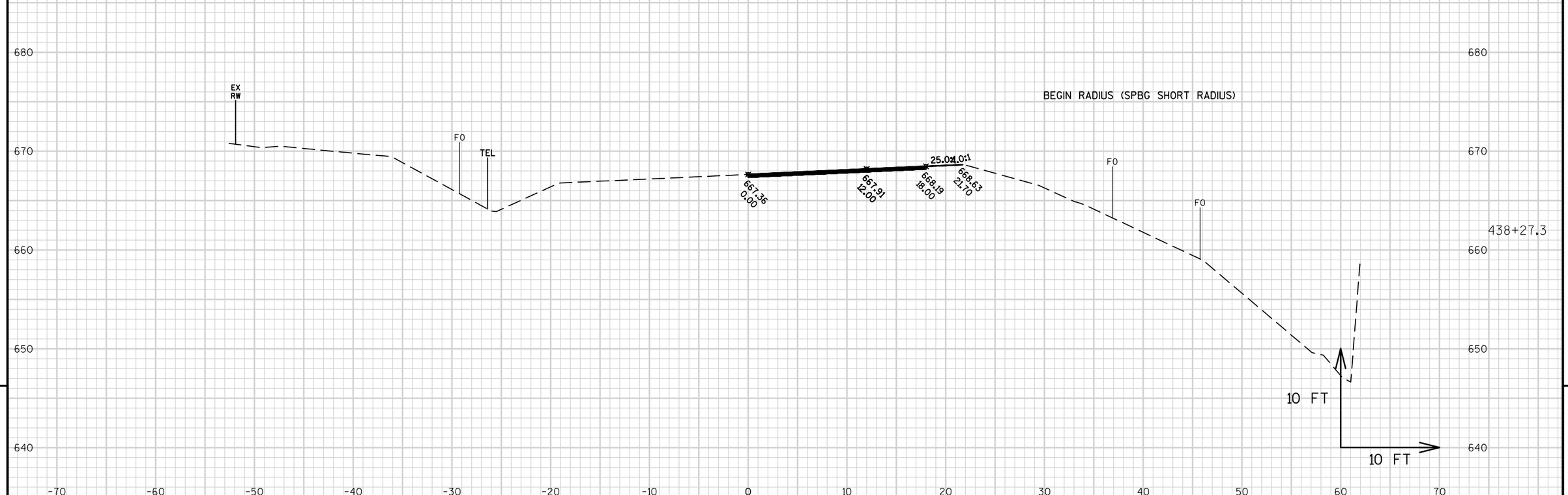
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG PLOT DATE : 10/17/2016 11:29 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 13BG_XS-429-450-RT10



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PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ORIG.DWG
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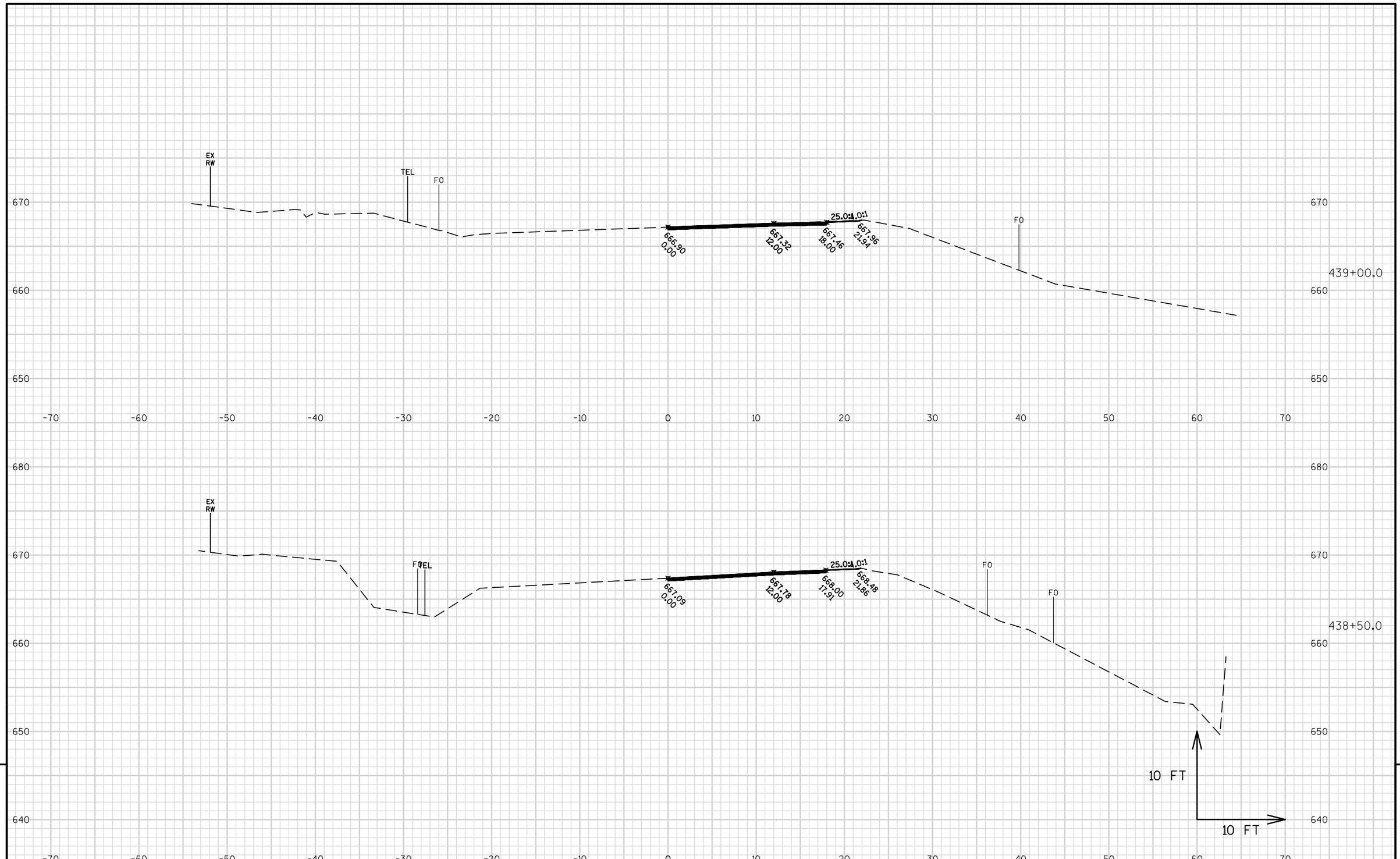
PLOTTED : DATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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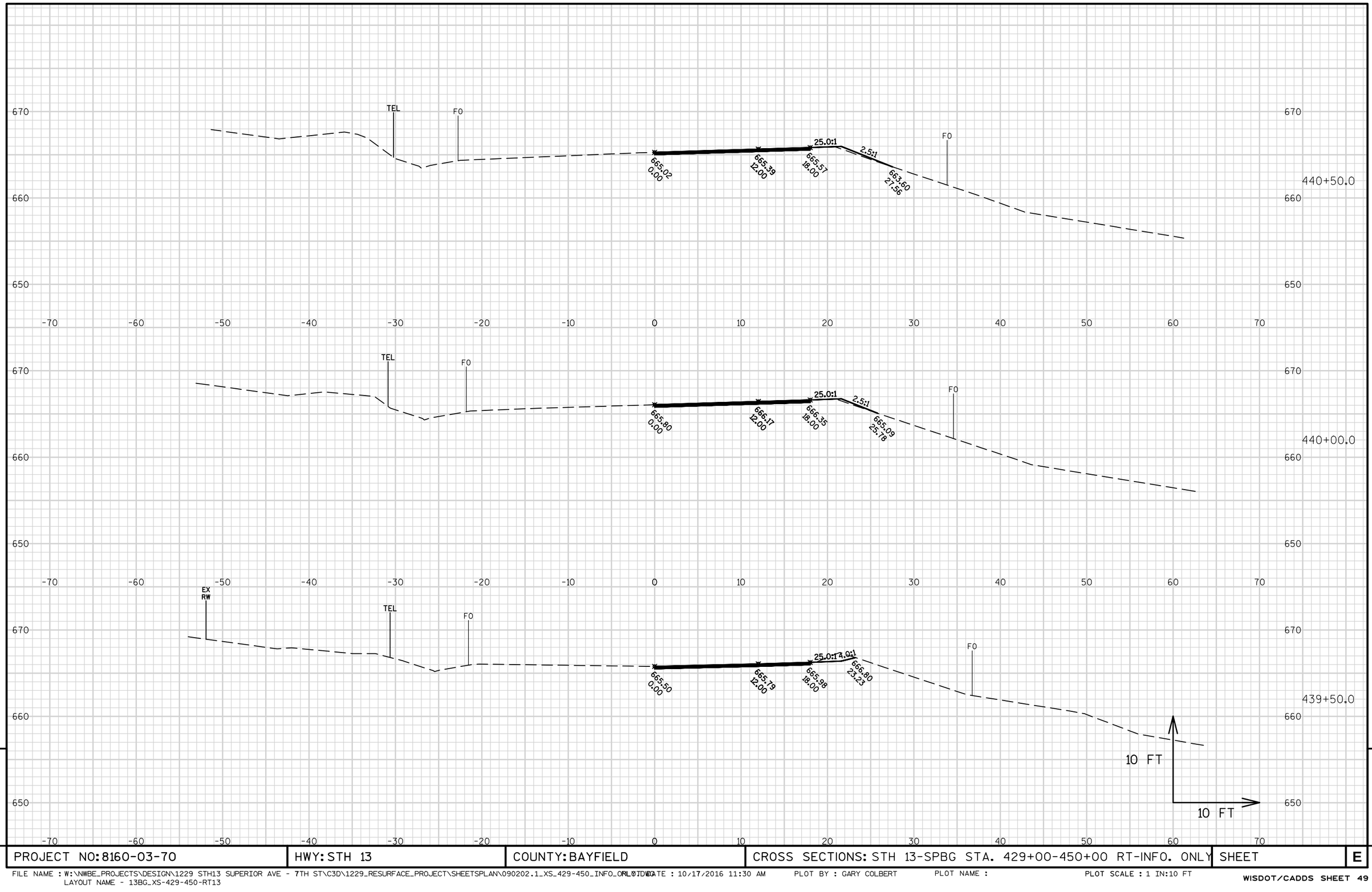
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG PLOT DATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 13BG_XS-429-450-RT12



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ORIG.DWG
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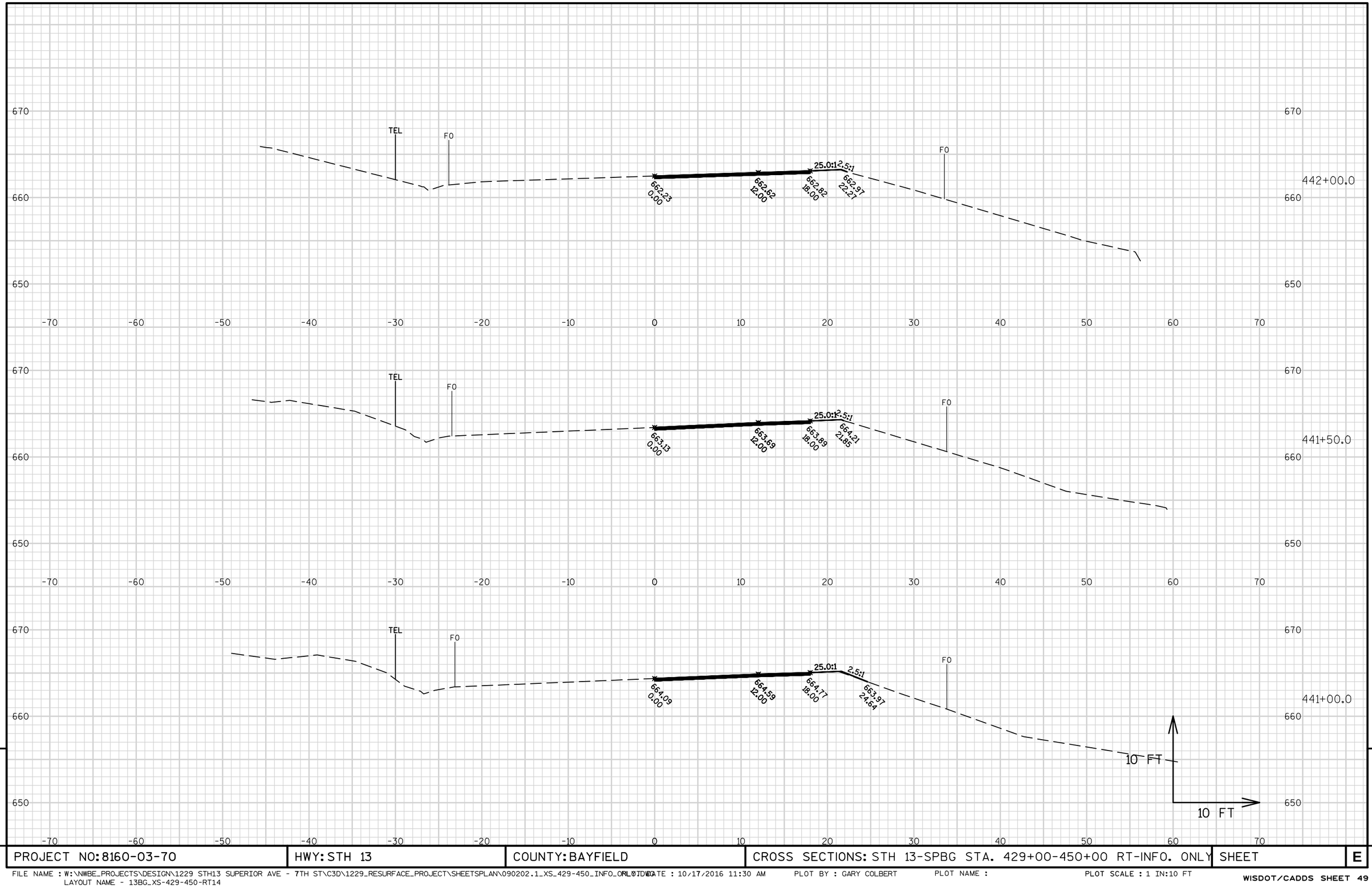
PLOT DATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ORIG.DWG
LAYOUT NAME - 13BG_XS-429-450-RT14
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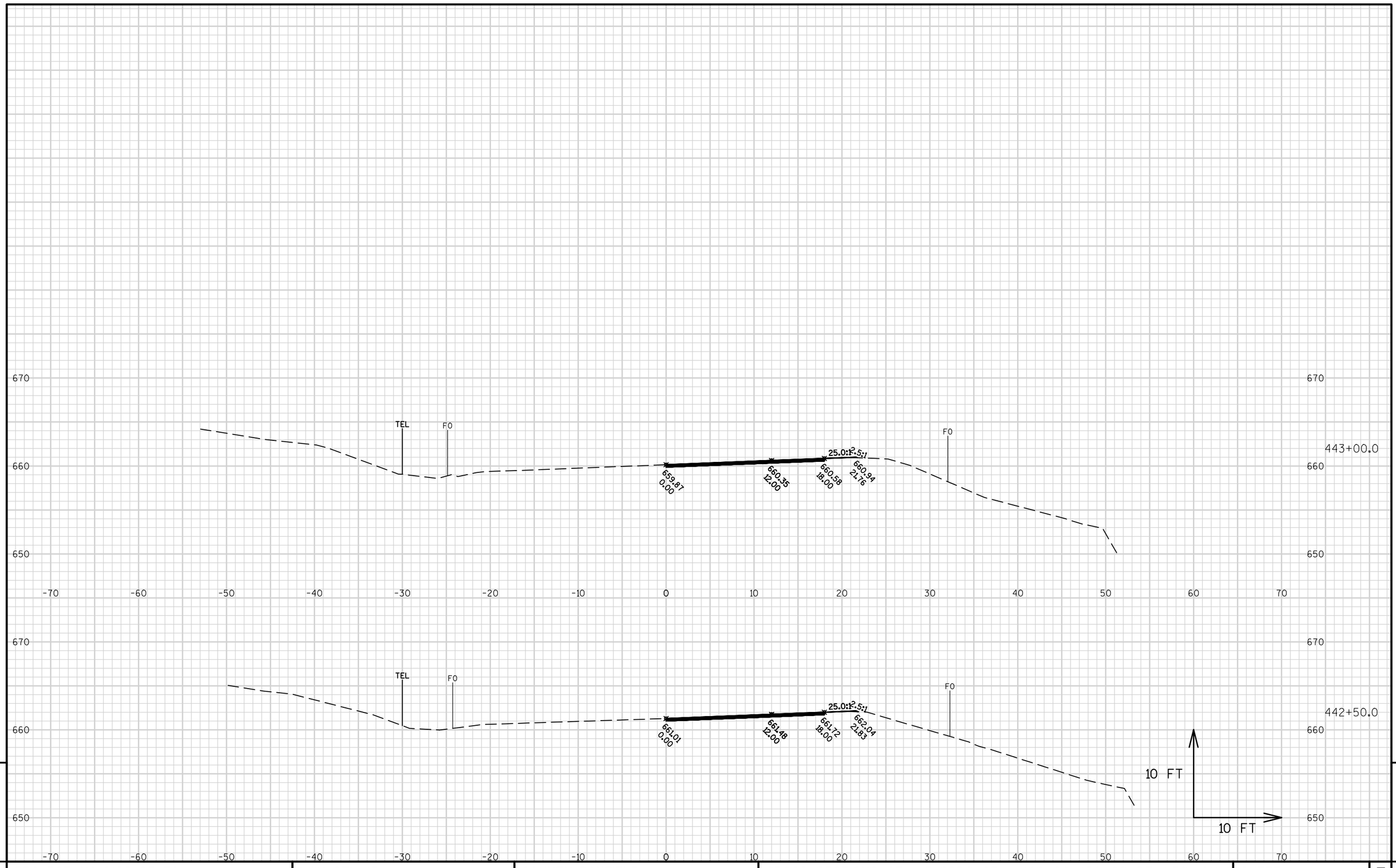

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PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG
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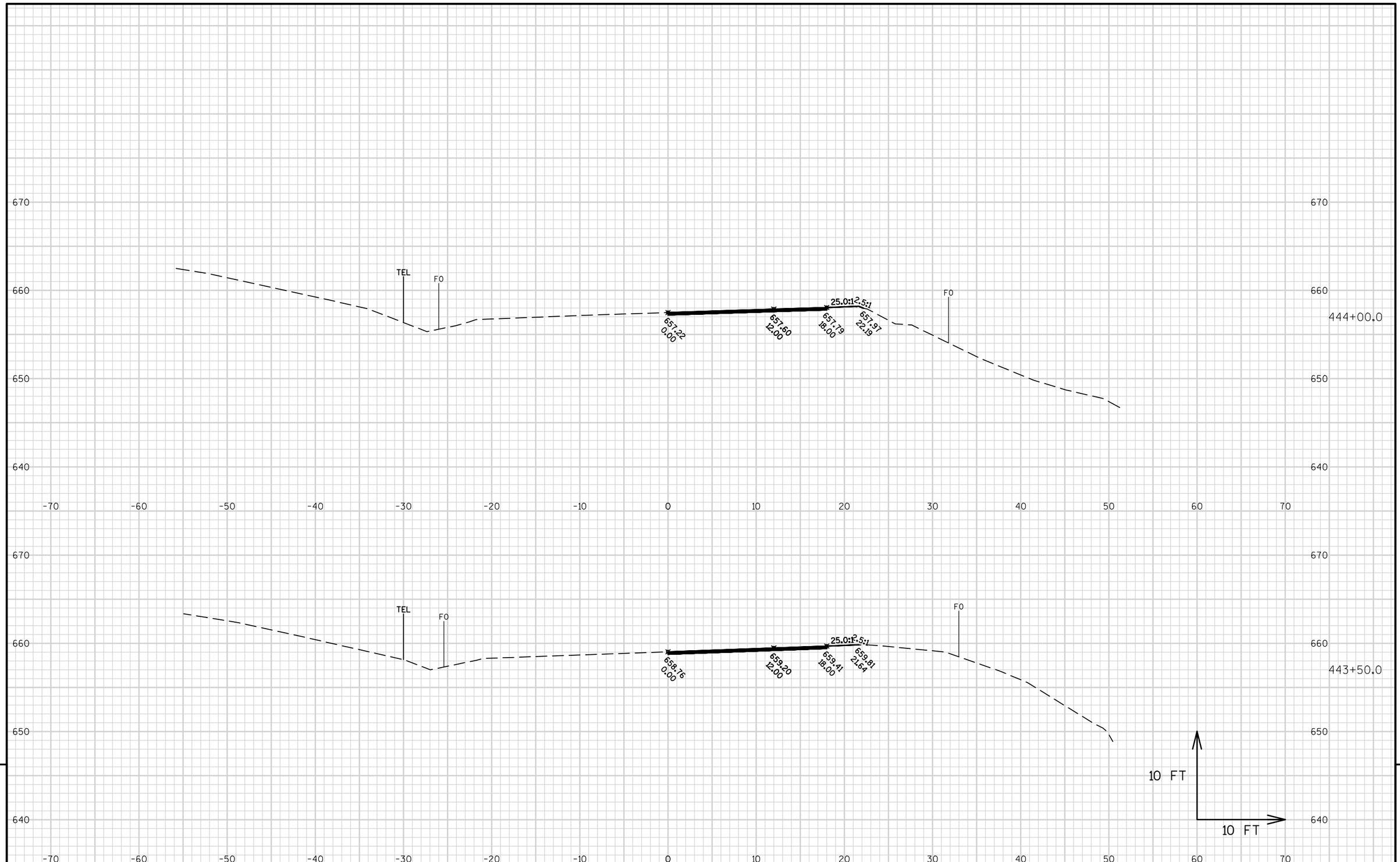

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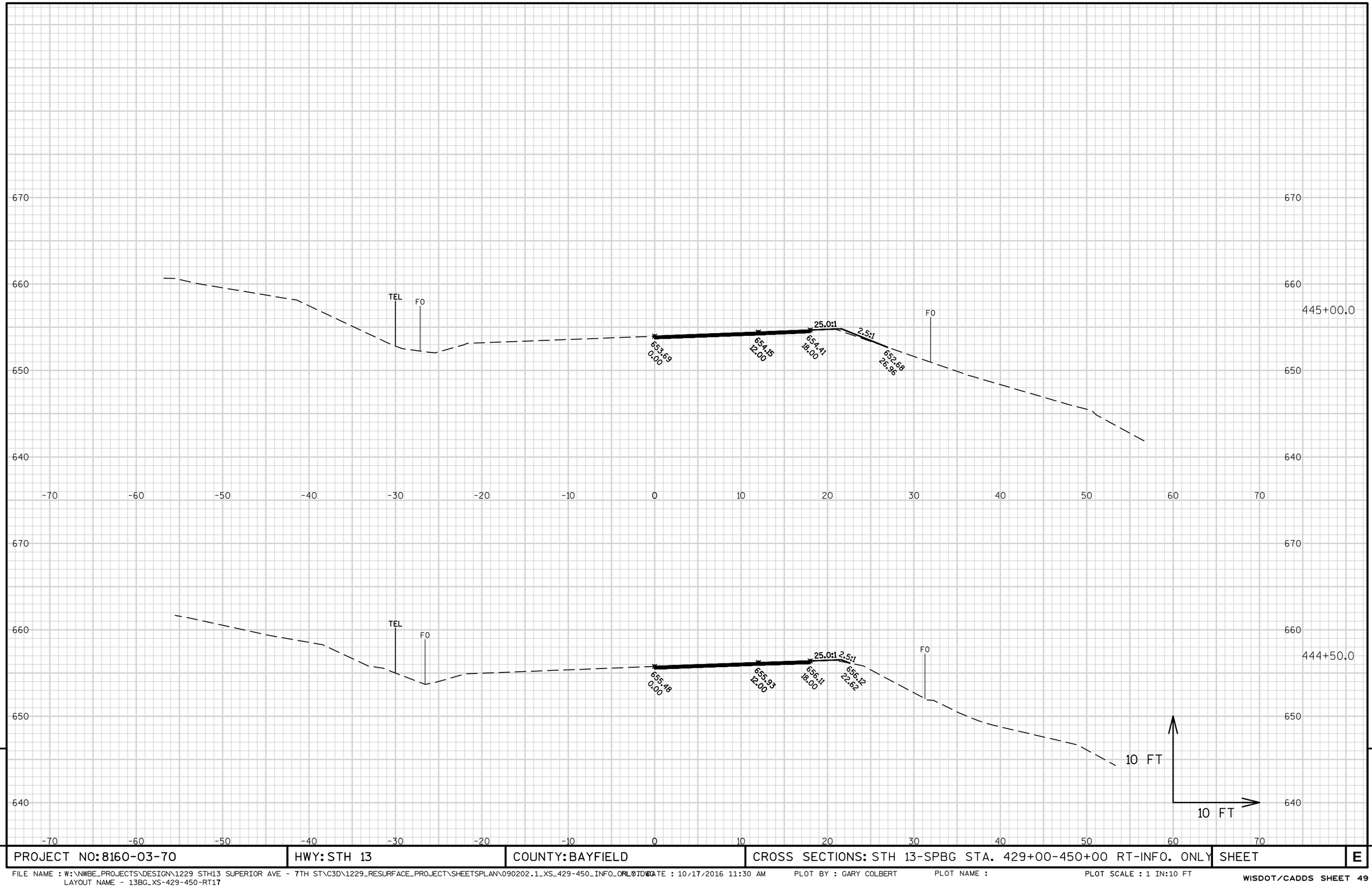
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG
LAYOUT NAME - 13BG_XS-429-450-RT16

PLOT DATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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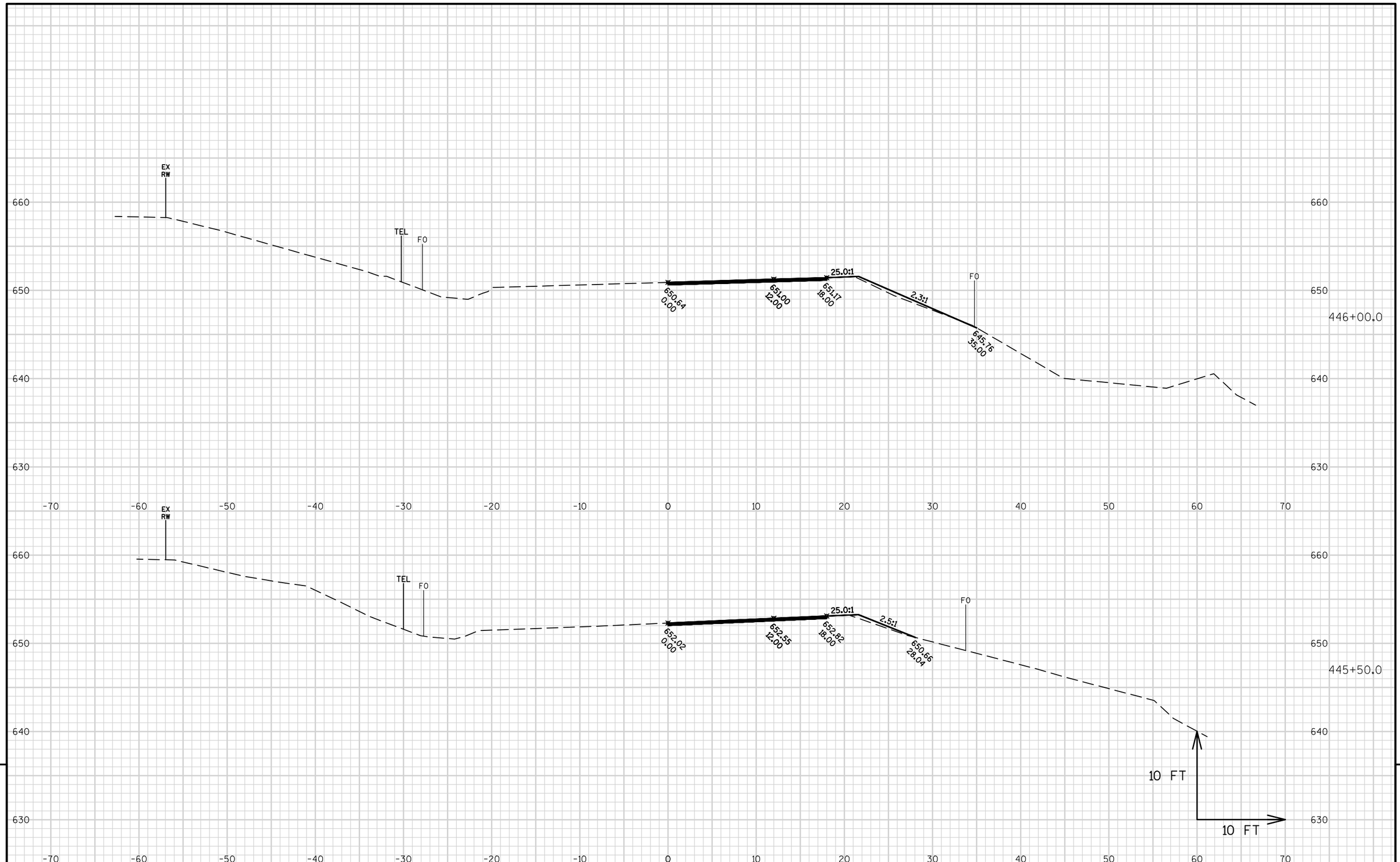
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG PLOT DATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 13BG_XS-429-450-RT17



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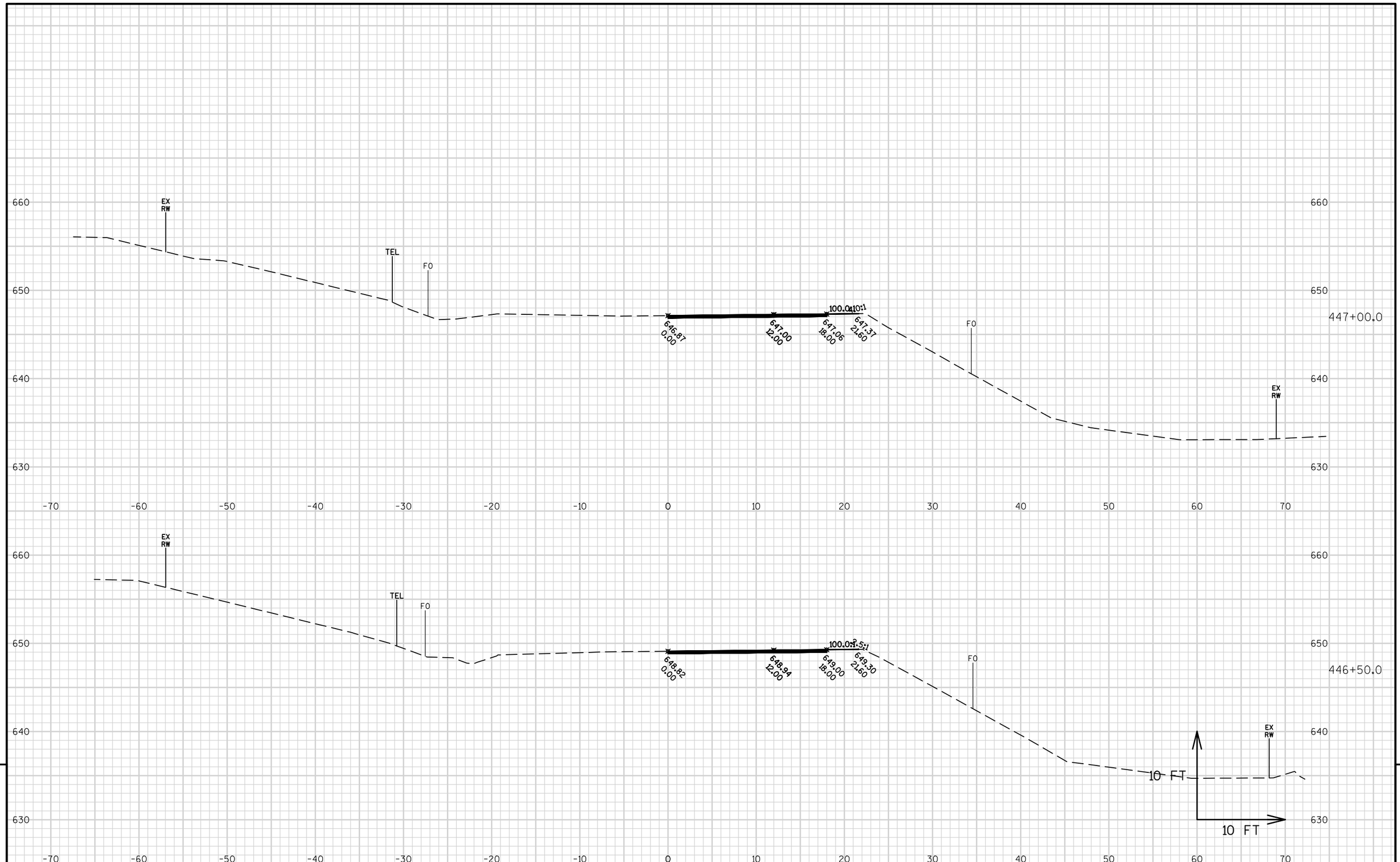
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG PLOT DATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 13BG_XS-429-450-RT18



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PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

9

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG PLOT DATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
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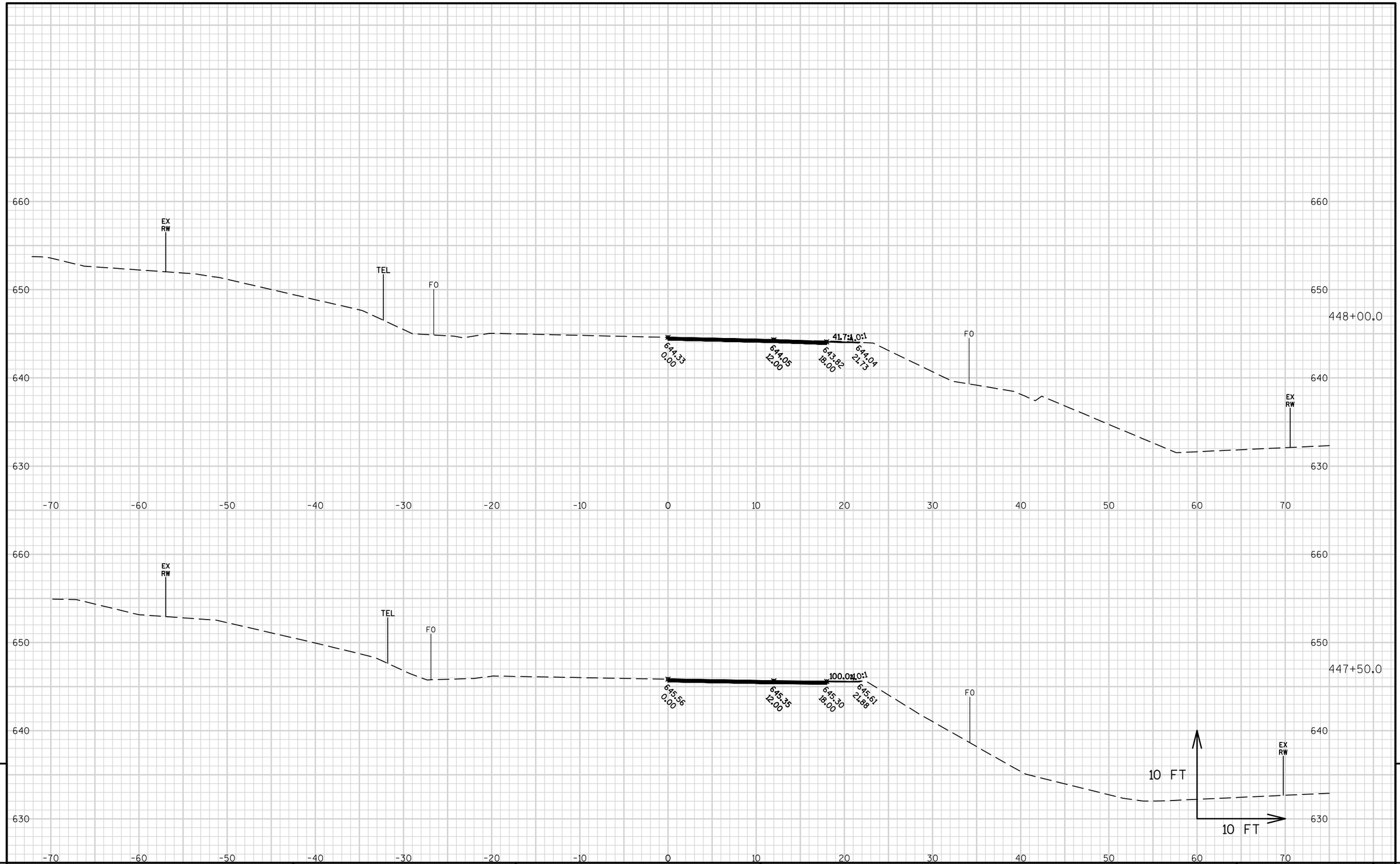
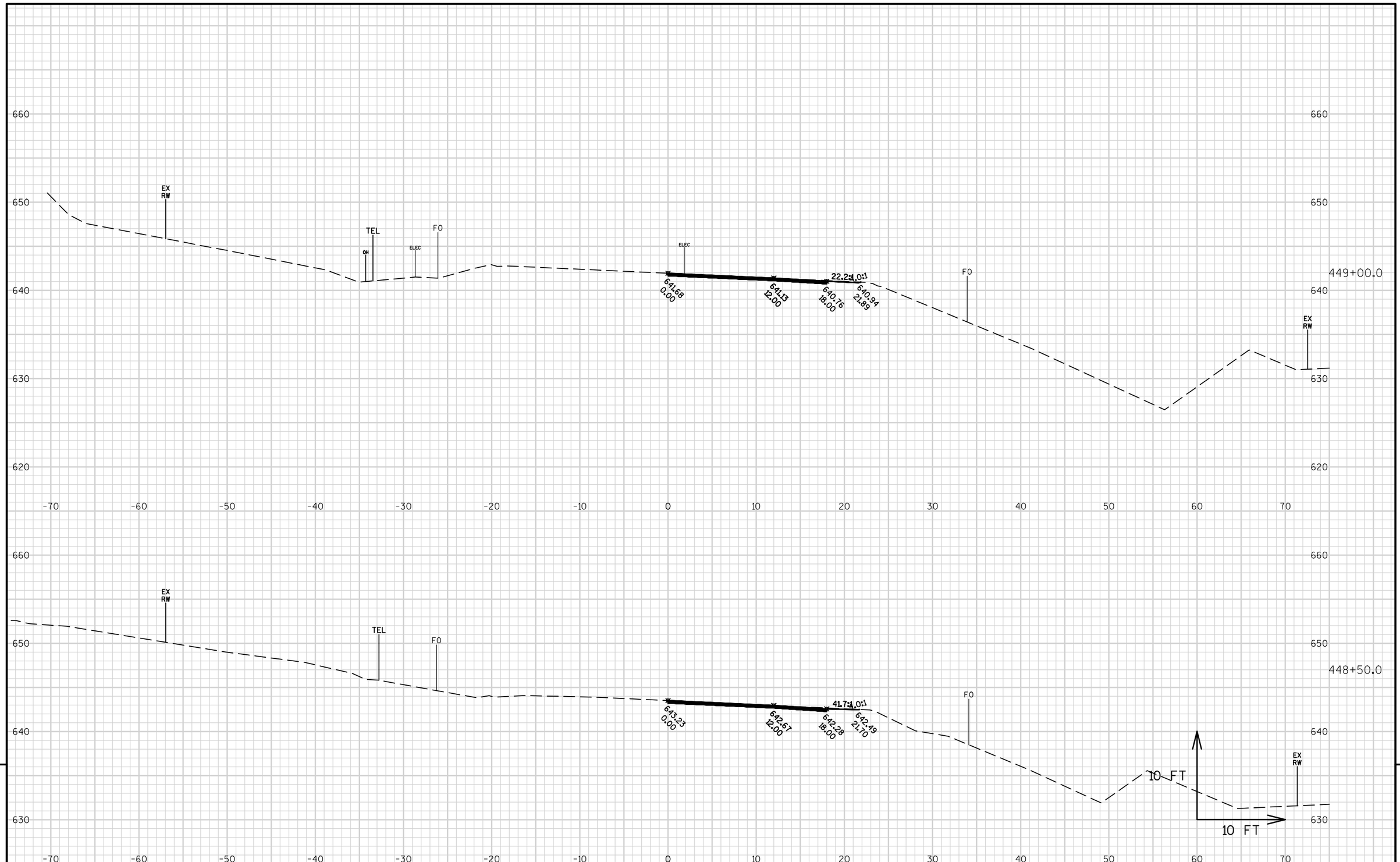


PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG PLOT DATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 13BG_XS-429-450-RT20



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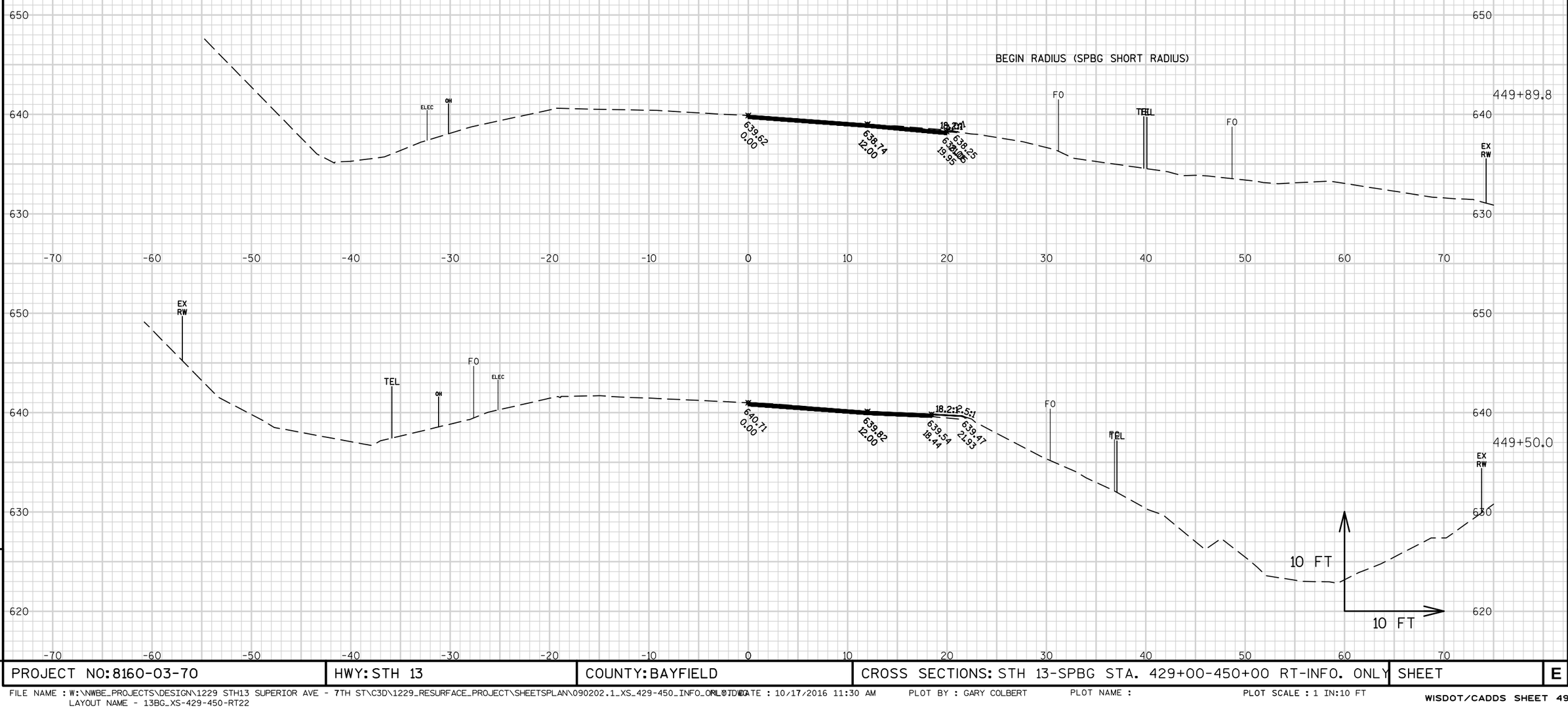
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG
LAYOUT NAME - 13BG_XS-429-450-RT21

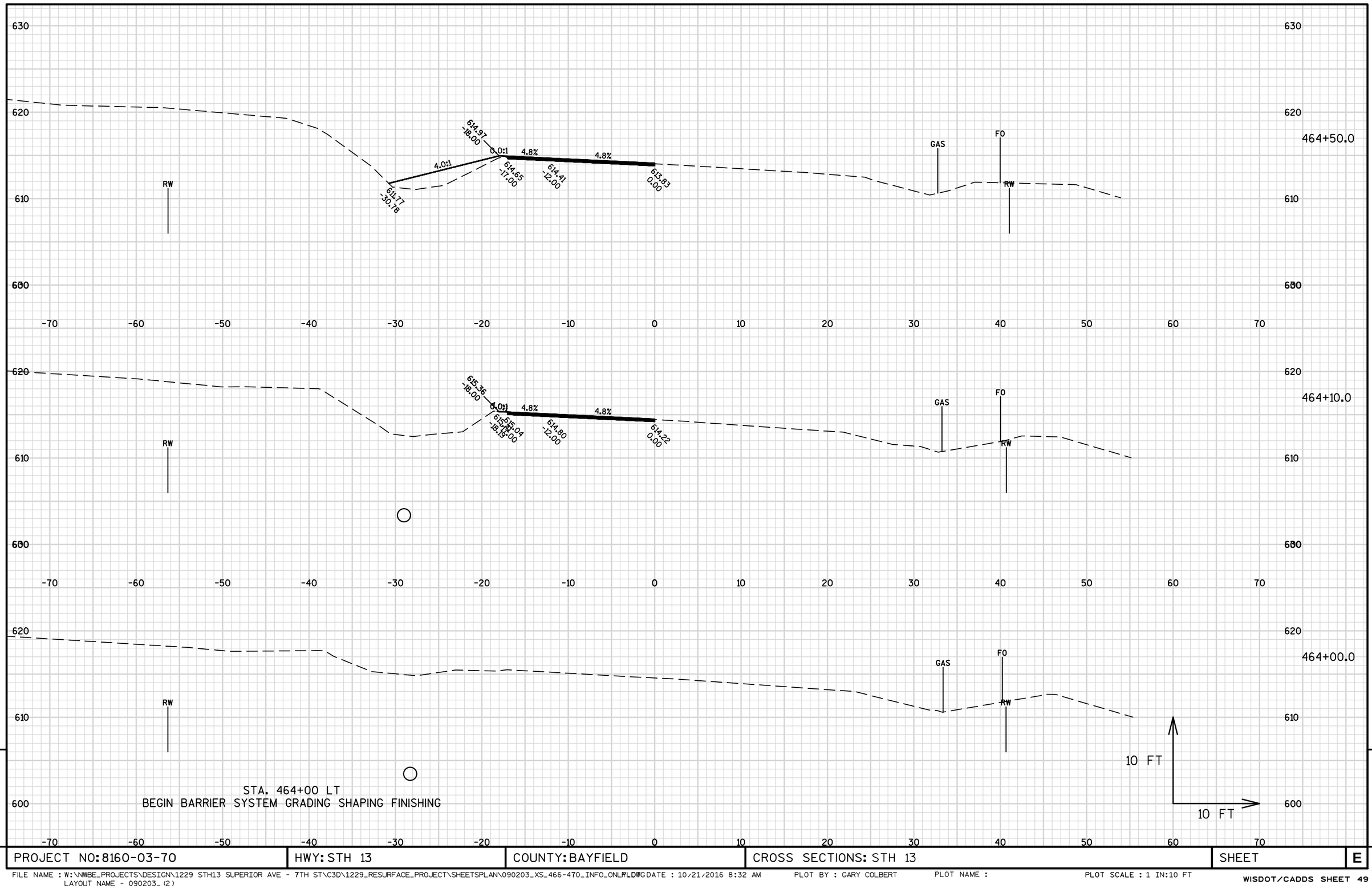
PLOT DATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

STA. 450+06 RT
END BARRIER SYSTEM GRADING SHAPING FINISHING



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG STA. 429+00-450+00 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090202.1_XS_429-450_INFO_ONLY.DWG
LAYOUT NAME - 13BG_XS-429-450-RT22
PLOTDATE : 10/17/2016 11:30 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

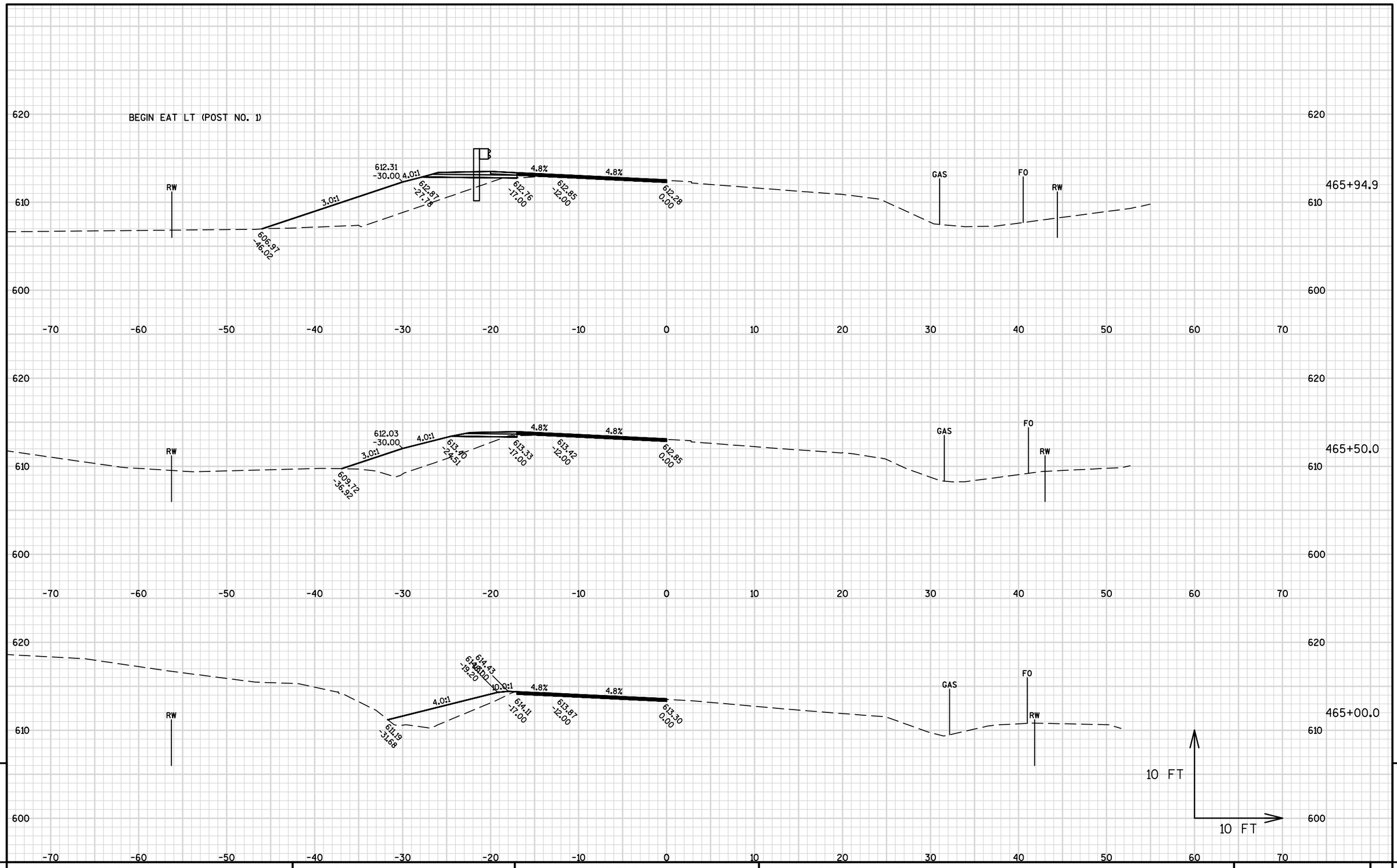


9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

9

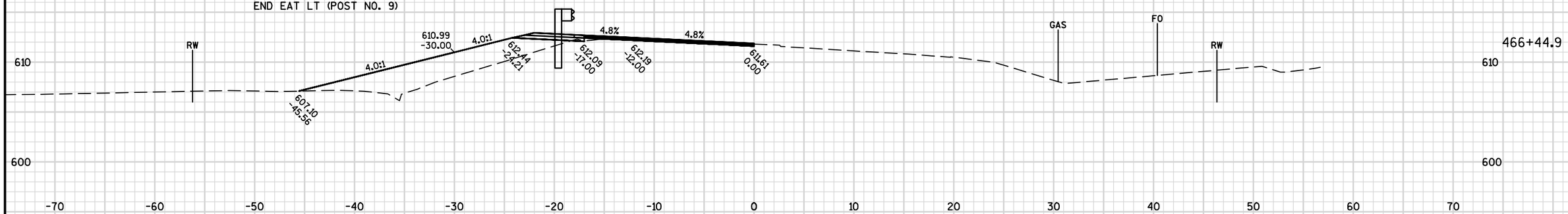
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG PLOTTED DATE : 10/21/2016 8:32 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090203_(2)



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

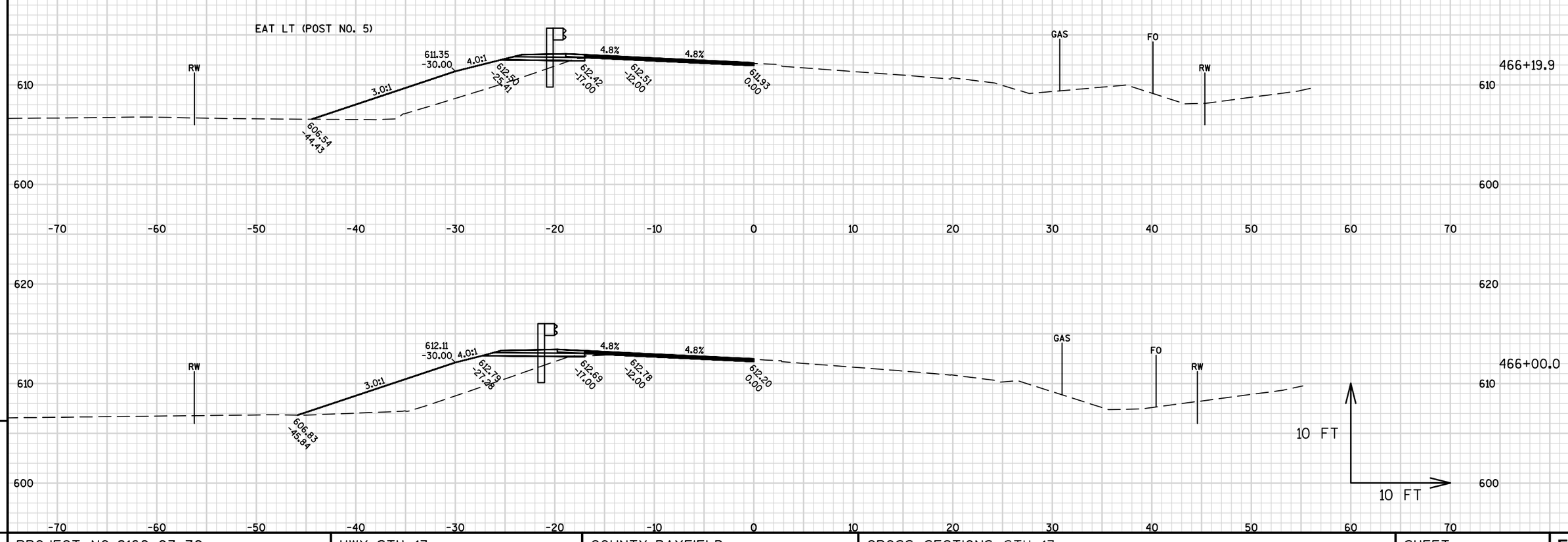
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(3)
PLOTTED DATE : 10/21/2016 8:33 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

END EAT LT (POST NO. 9)



466+44.9

EAT LT (POST NO. 5)



466+19.9

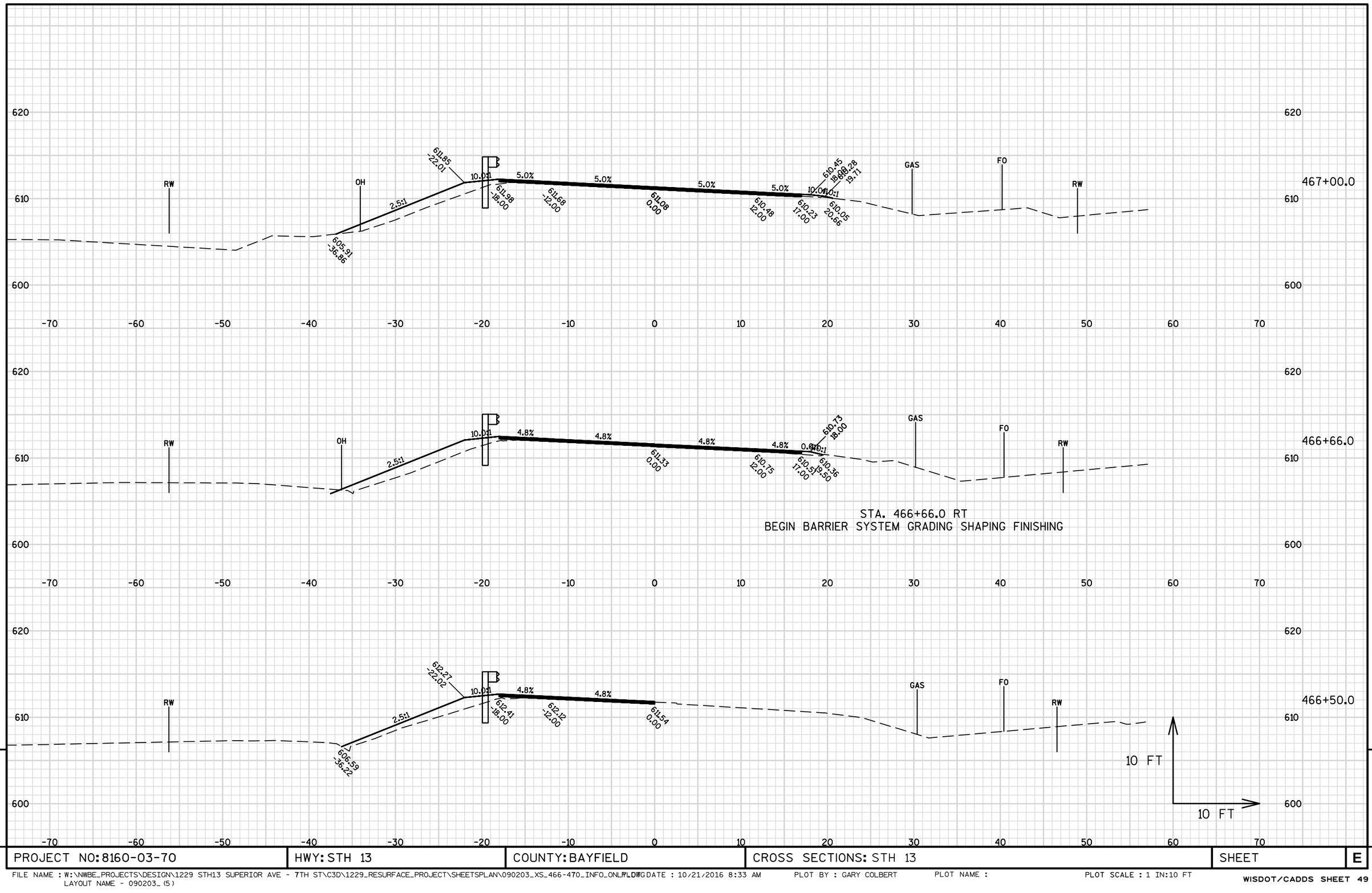
466+00.0

9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(4)
PLOTTED DATE : 10/21/2016 8:33 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



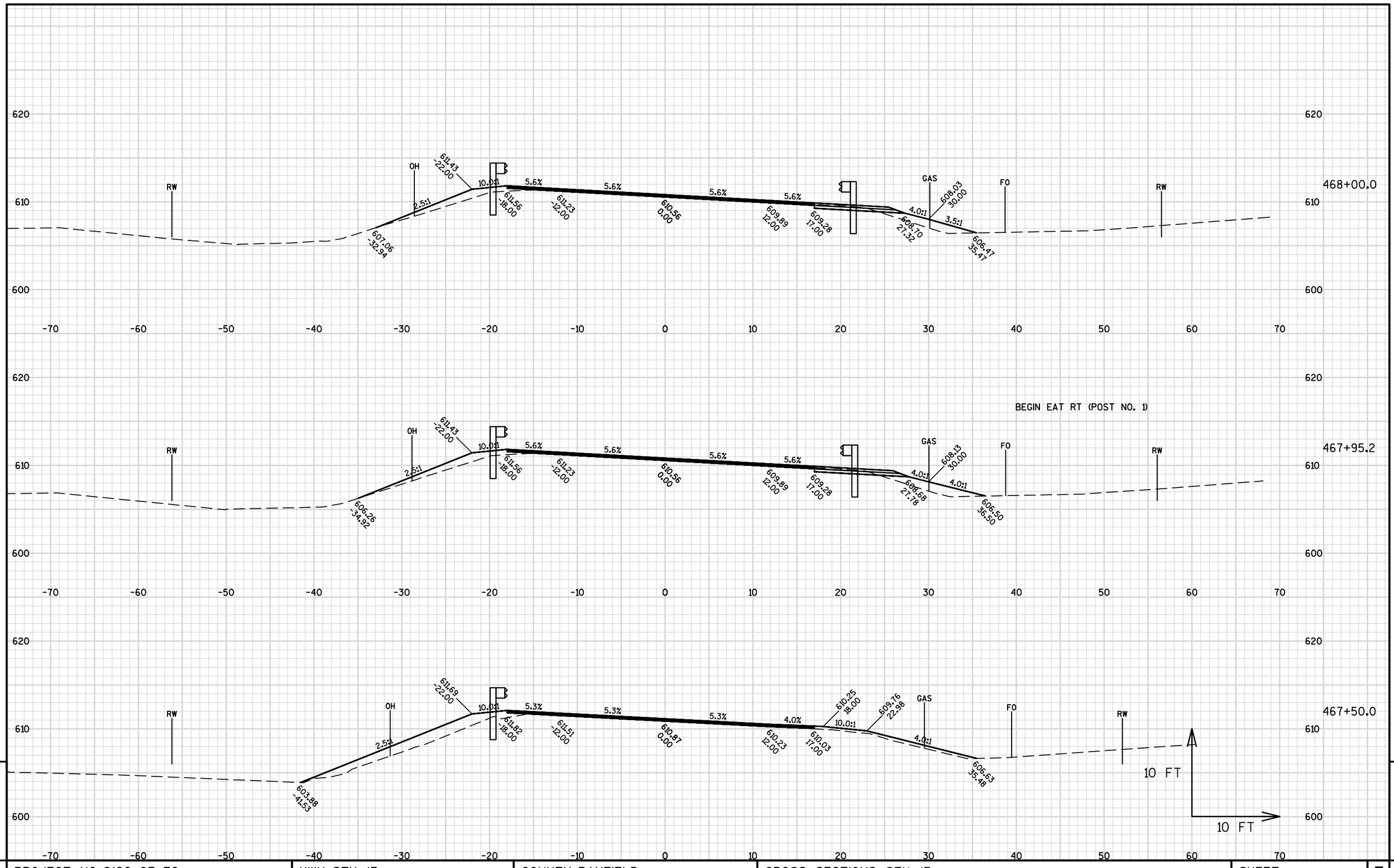
STA. 466+66.0 RT
BEGIN BARRIER SYSTEM GRADING SHAPING FINISHING

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

9

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(5)
PLOTTED DATE : 10/21/2016 8:33 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

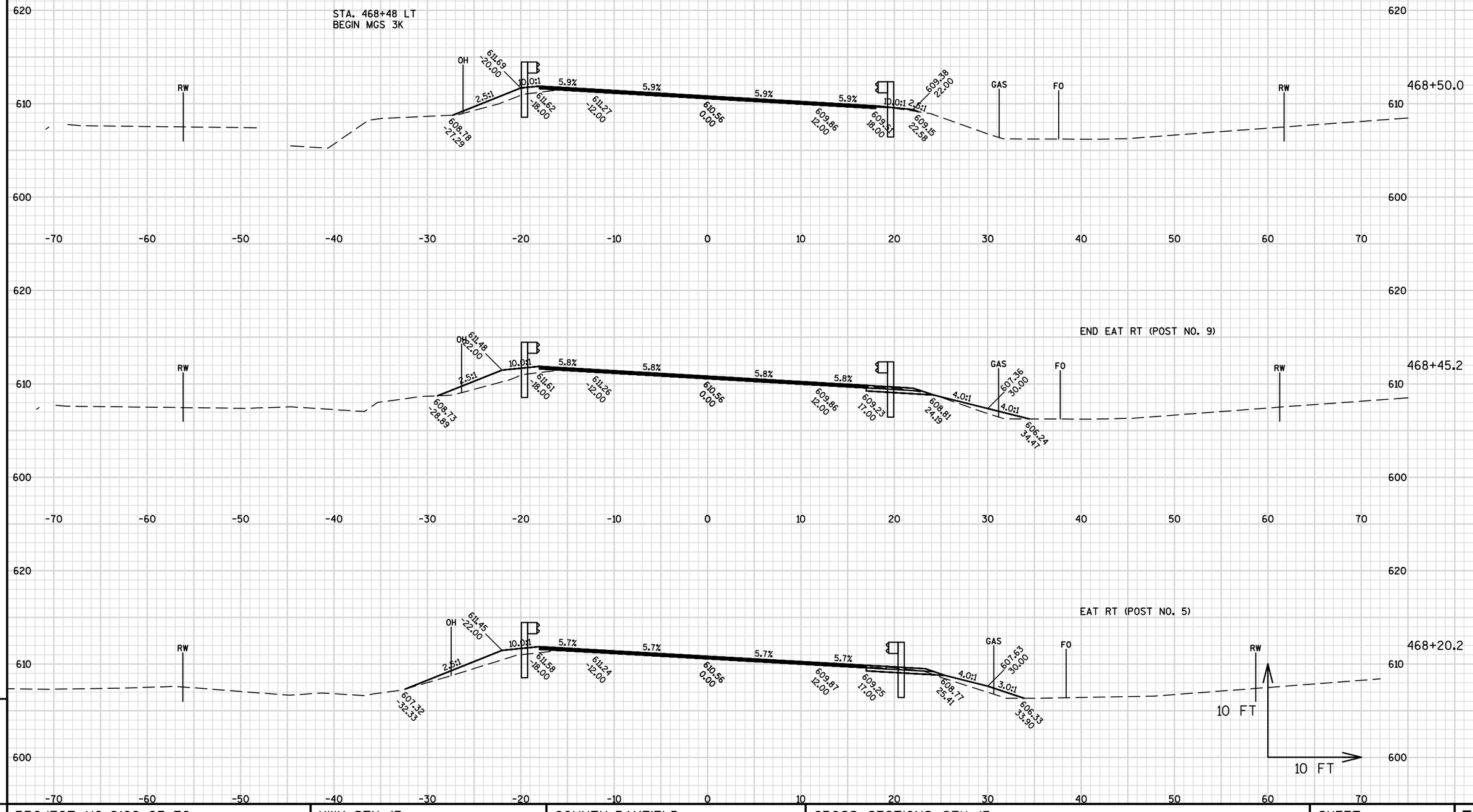


9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

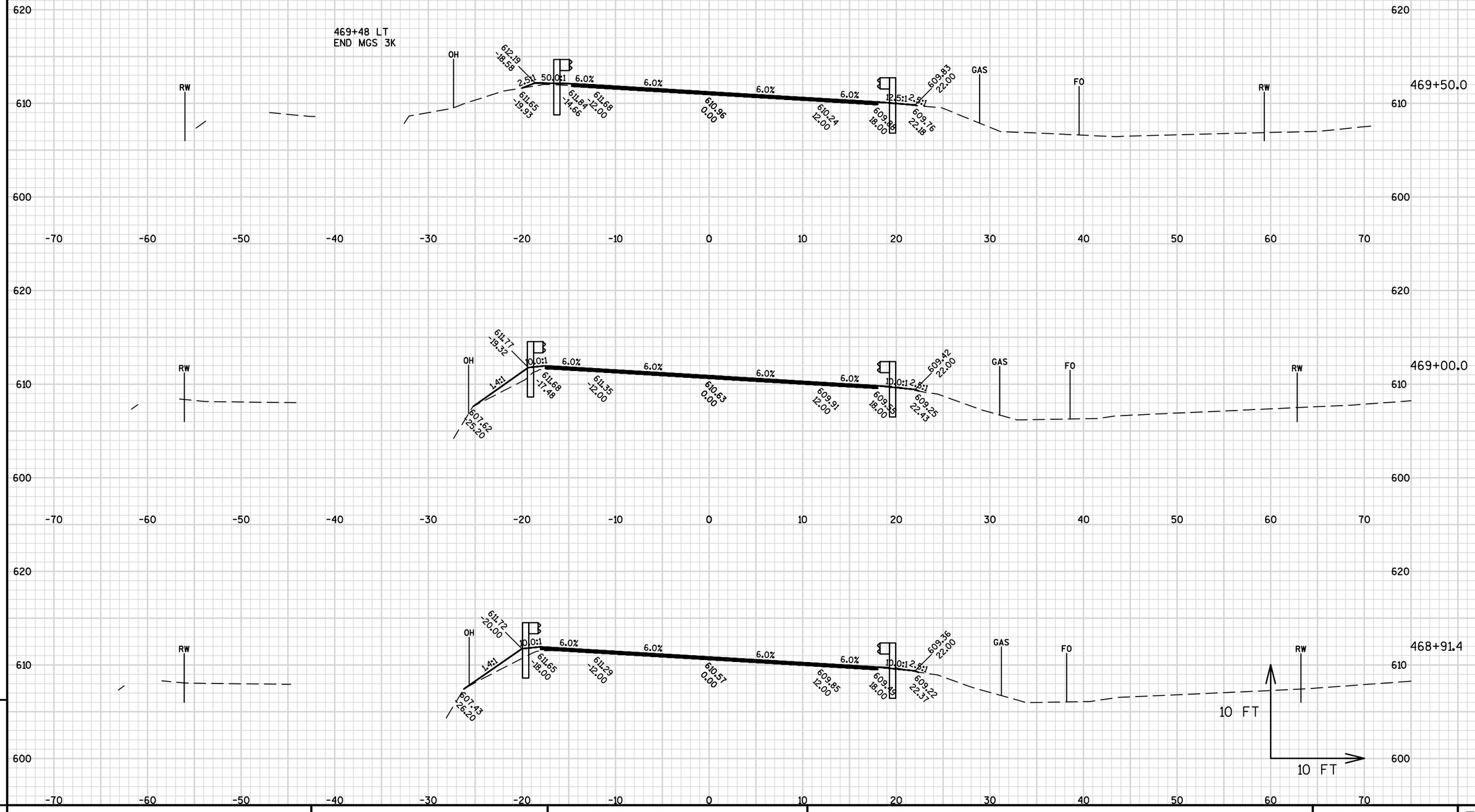
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(6)
PLOTTED DATE : 10/21/2016 8:34 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

469+48 LT
END MGS 3K



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(8)
PLOTTED DATE : 10/21/2016 8:34 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

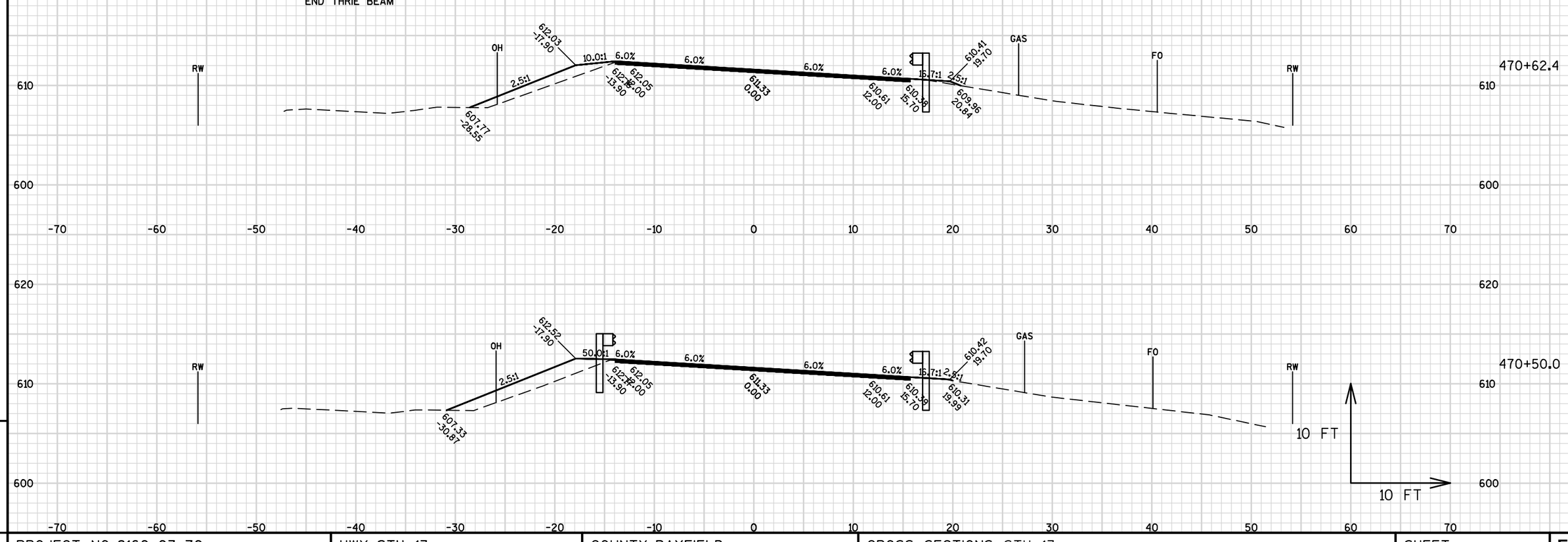
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(9)
PLOTTING DATE : 10/21/2016 8:35 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

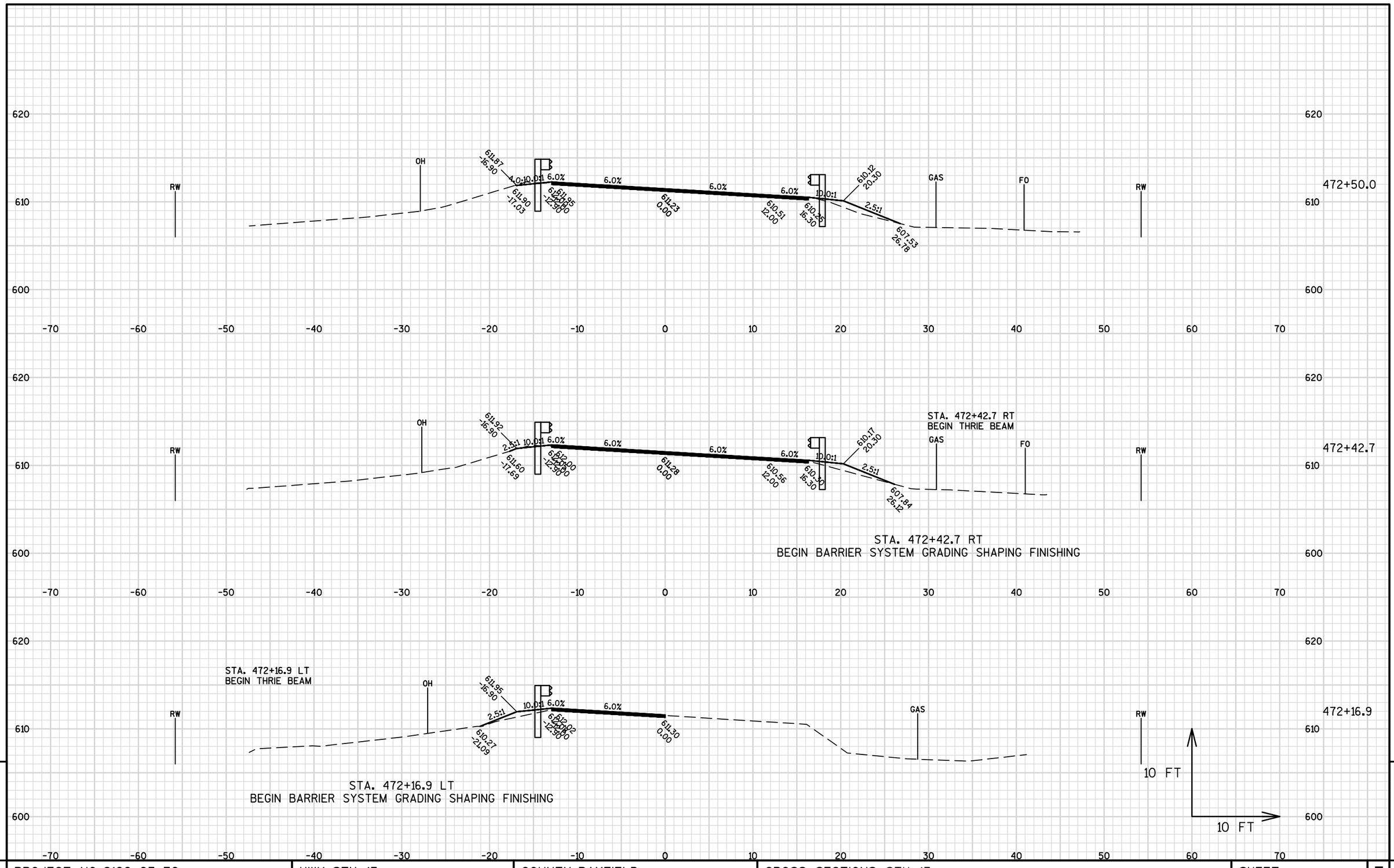
STA. 470+87.7
END BARRIER SYSTEM GRADING SHAPING FINISHING RT

STA. 470+62.4
END BARRIER SYSTEM GRADING SHAPING FINISHING LT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(10)
PLOTTED DATE : 10/21/2016 8:35 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

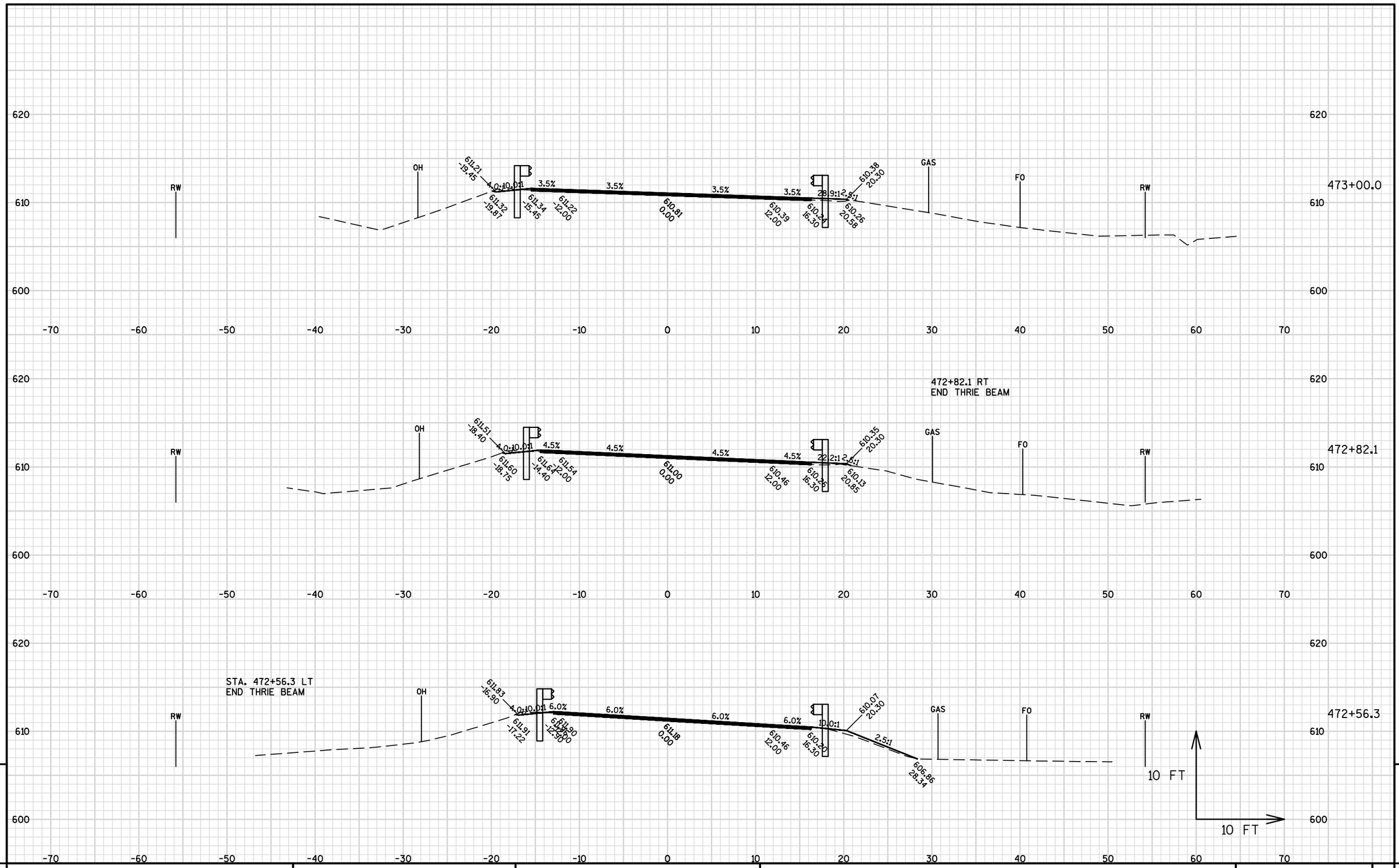


9

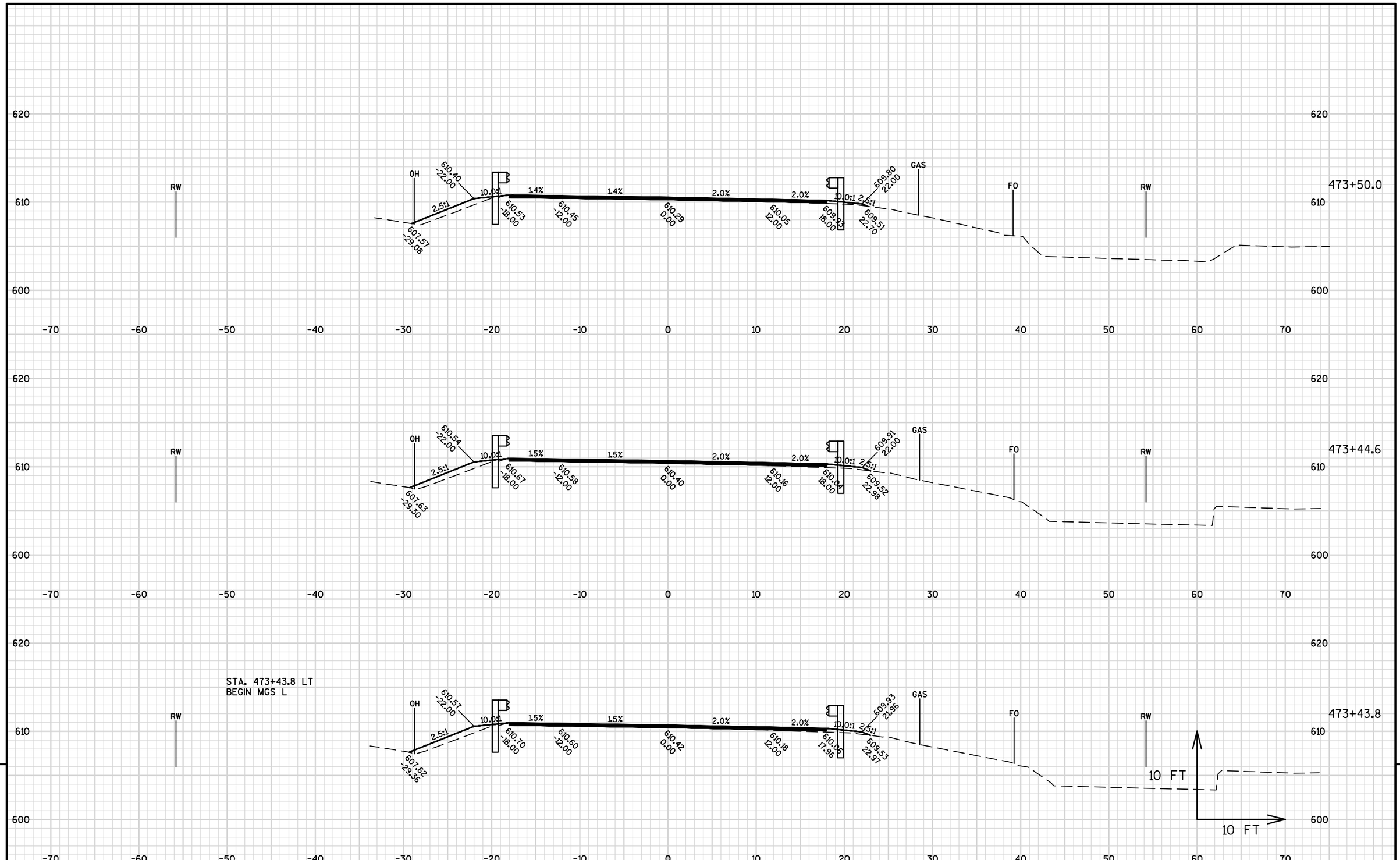
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(11)
PLOTTED DATE : 10/21/2016 8:35 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E



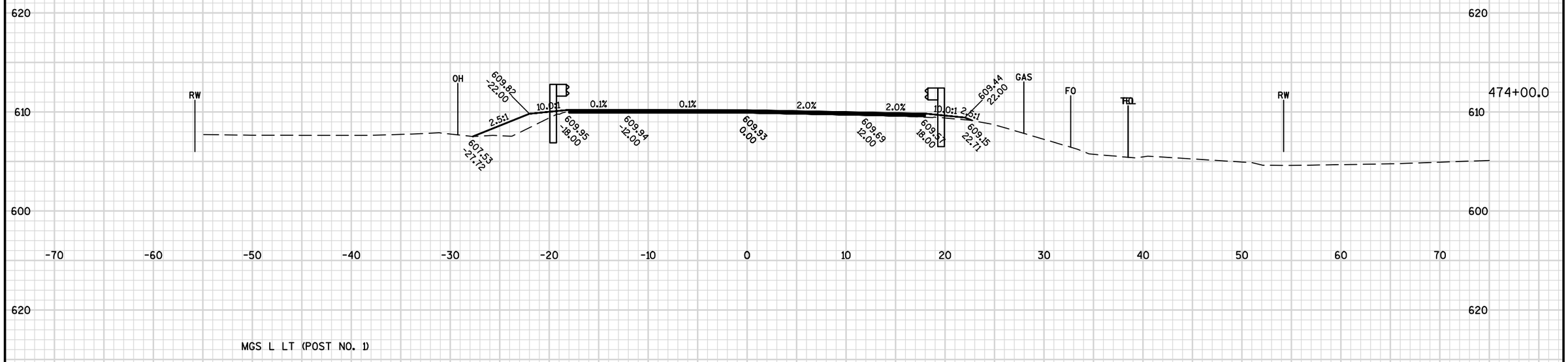
9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

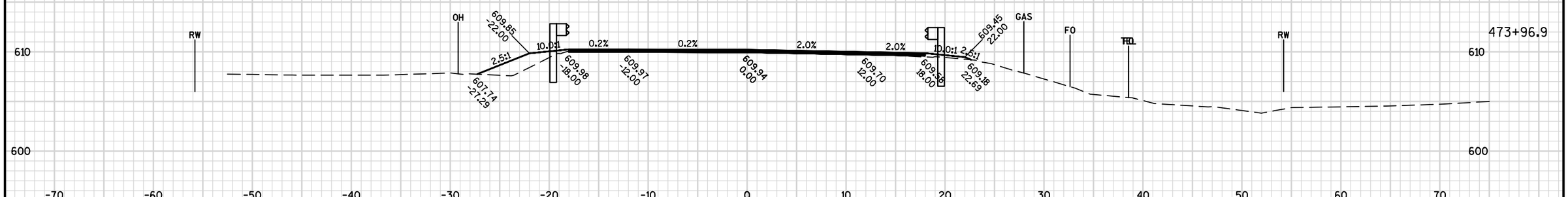
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(13)
PLOTTED DATE : 10/21/2016 8:36 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

474+00.0



MGS L LT (POST NO. 1)

473+96.9



MGS L LT (POST NO. 1)

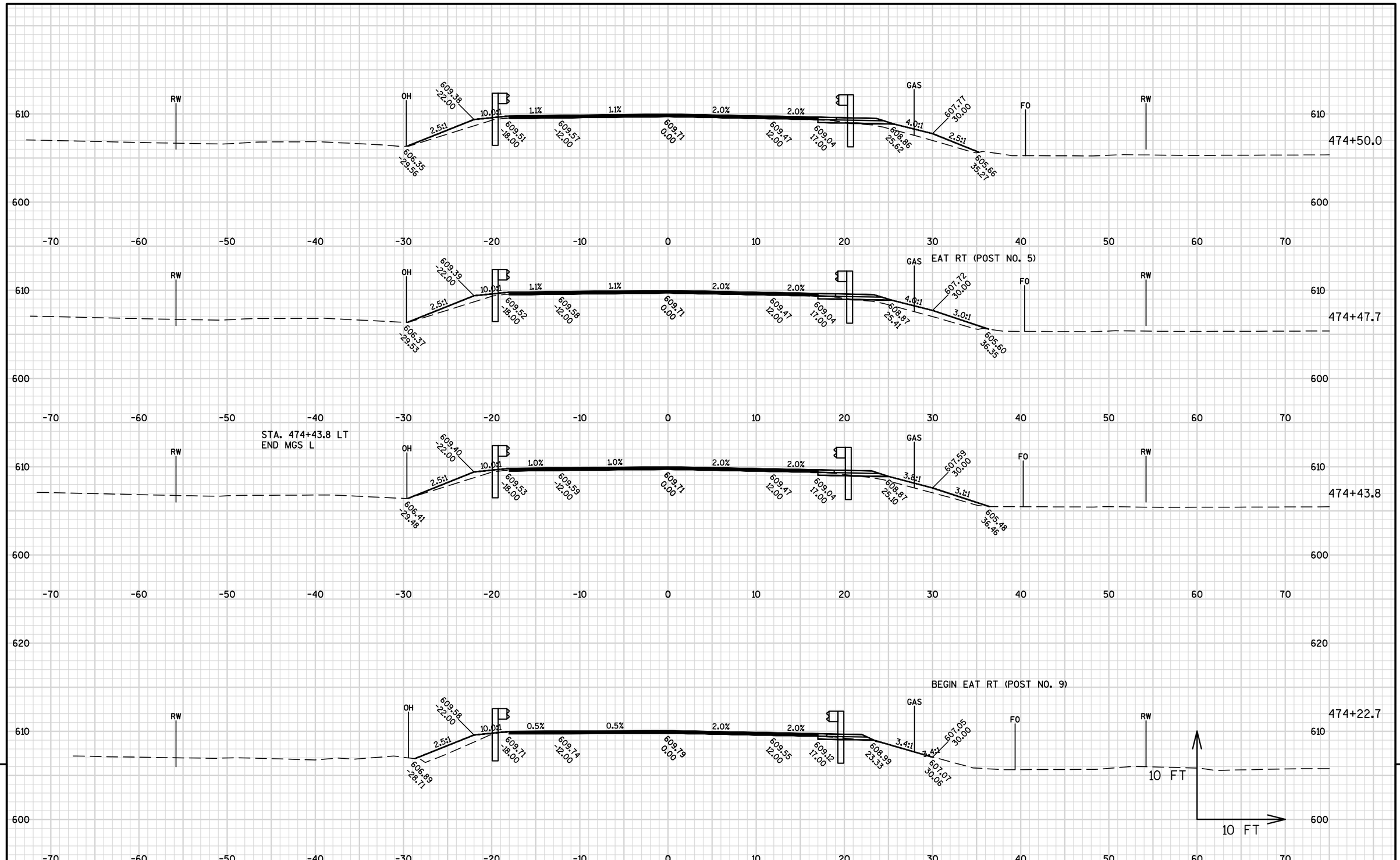
473+84.4

9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(14)
PLOTTED DATE : 10/21/2016 8:36 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

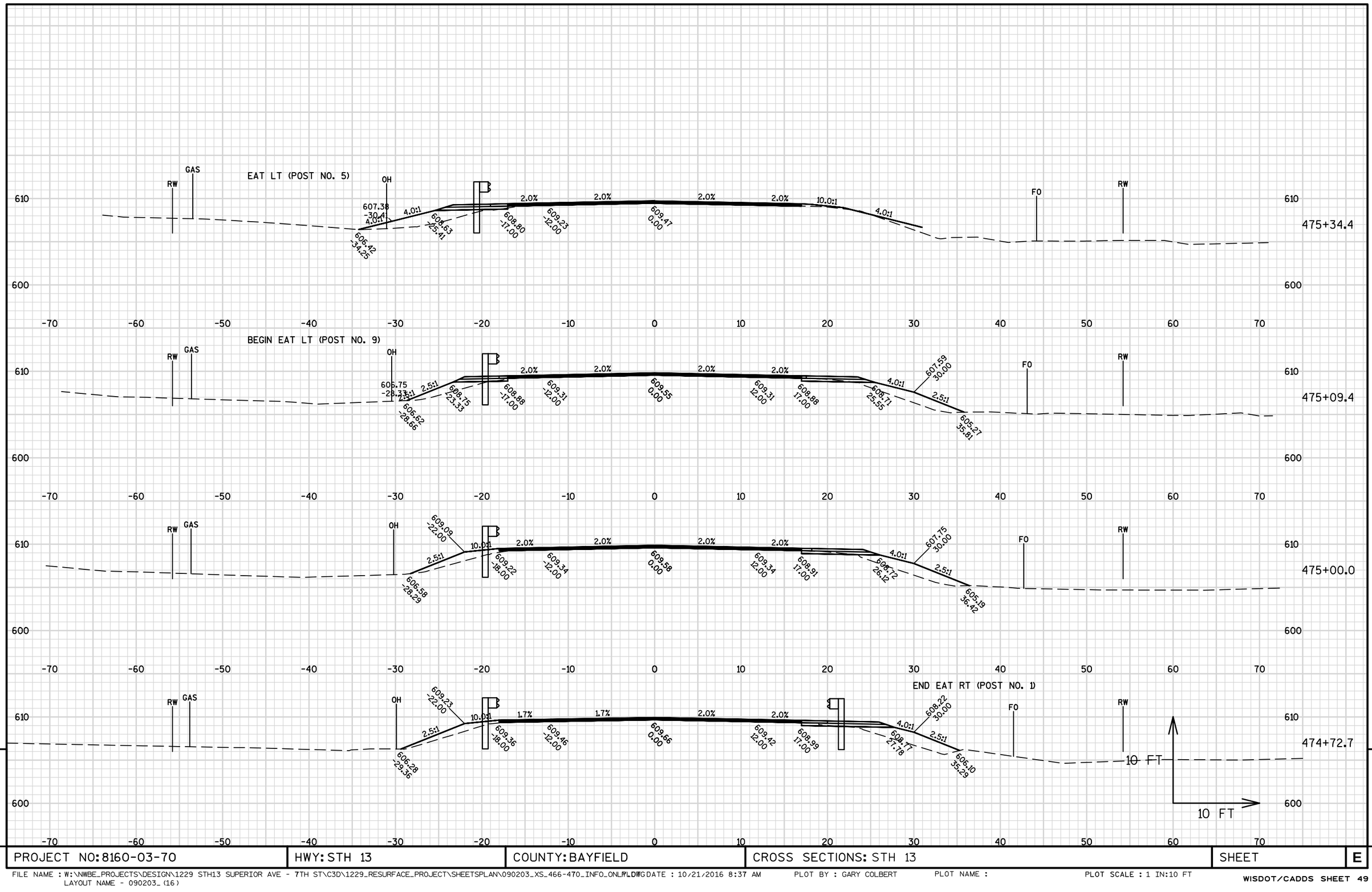


9

9

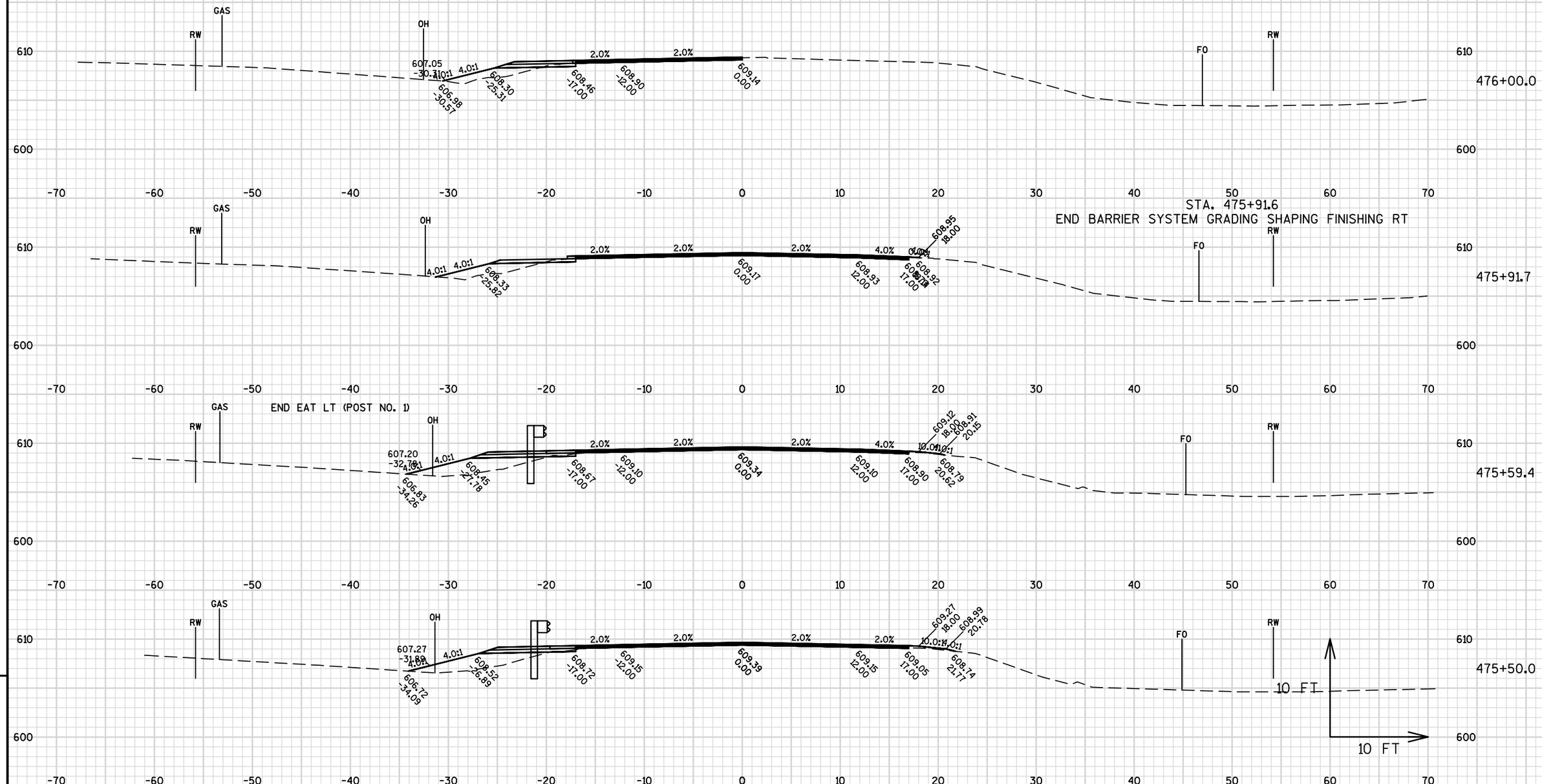
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(15)
PLOTTED DATE : 10/21/2016 8:36 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

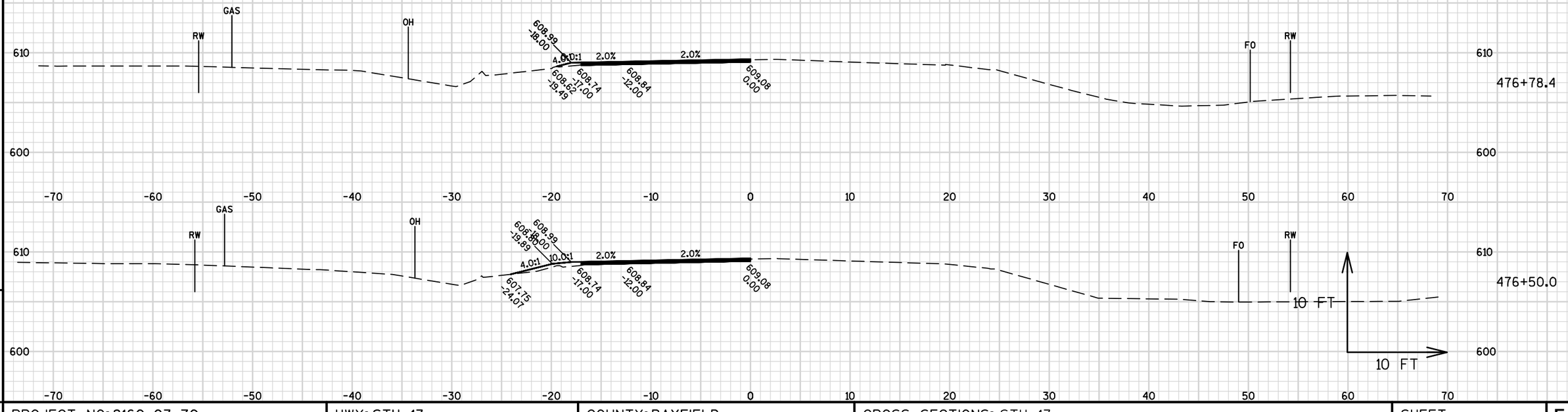
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(16)
PLOTDATE : 10/21/2016 8:37 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(17)
PLOTTING DATE : 10/21/2016 8:37 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

STA. 476+78.4 LT
END BARRIER SYSTEM GRADING SHAPING FINISHING



9

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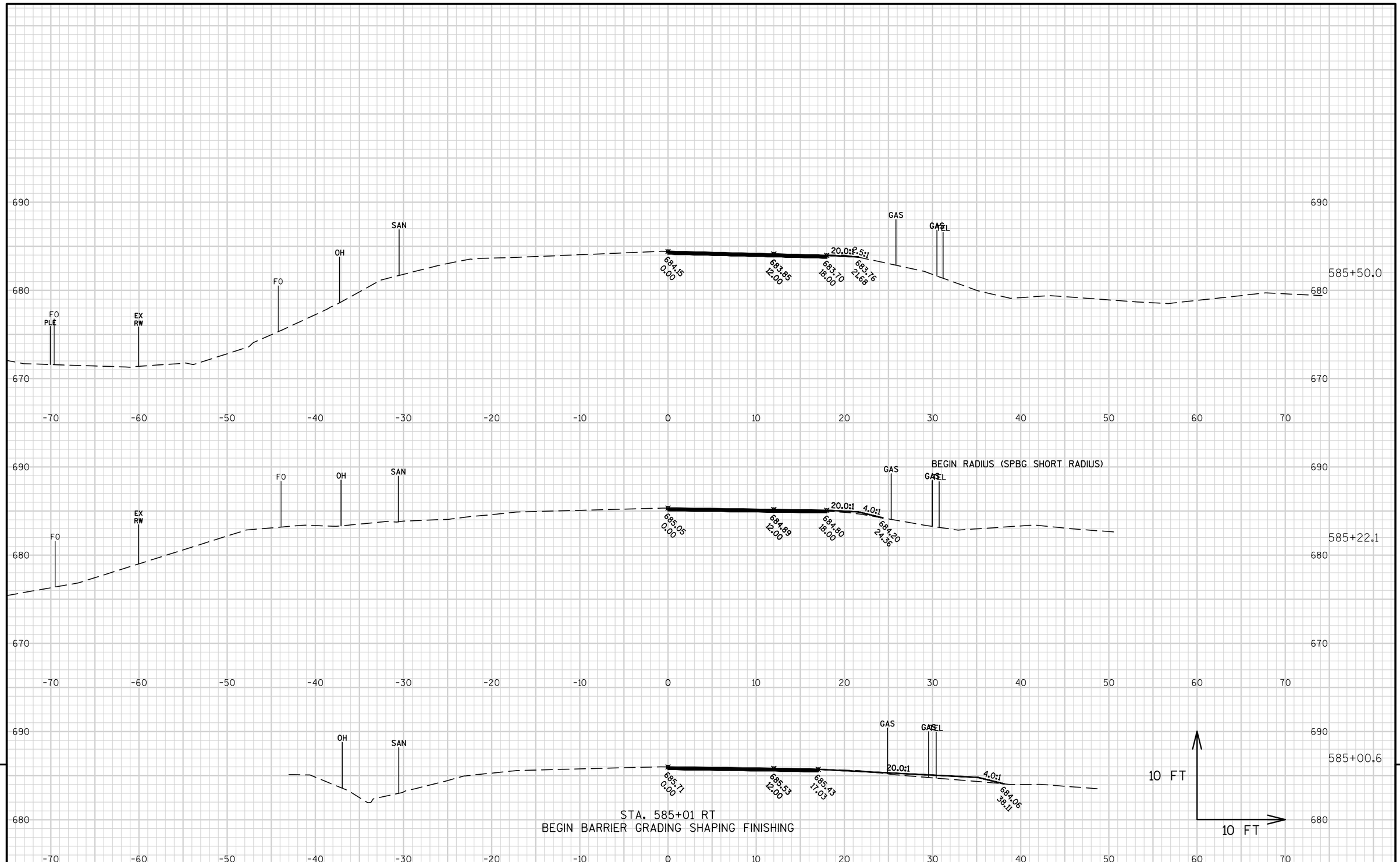
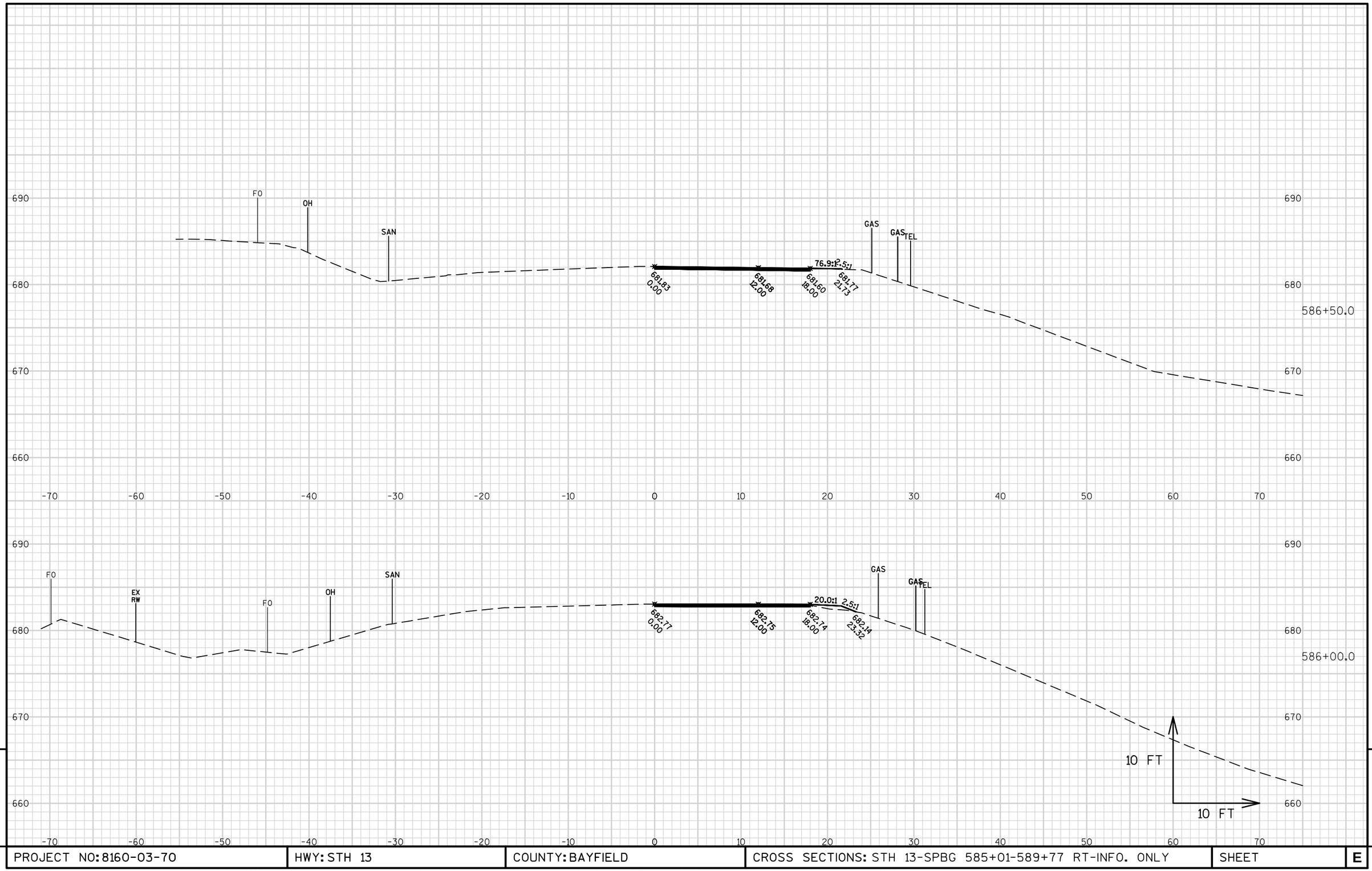
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203_XS_466-470_INFO_ONLY.DWG
LAYOUT NAME - 090203_(17)
PLOTTED DATE : 10/21/2016 8:37 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG 585+01-589+77 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203.1_XS_585-589_INFO_ORIG.DWG
LAYOUT NAME - 13BG_XS-585-589-RT1
PLOT DATE : 10/17/2016 1:28 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

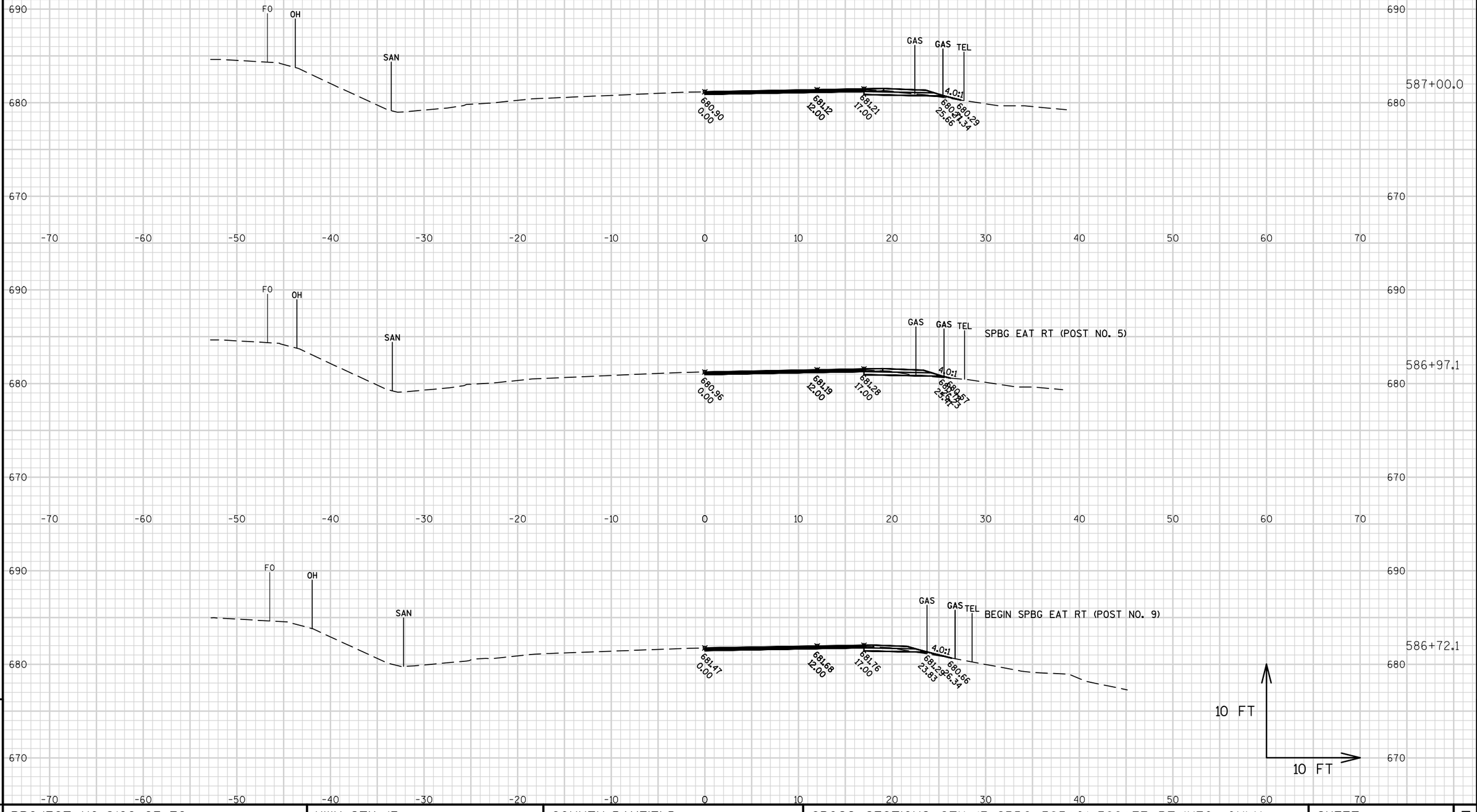


9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG 585+01-589+77 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203.1_XS_585-589_INFO_ONLY.DWG PLOT DATE : 10/17/2016 1:28 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 13BG_XS-585-589-RT2

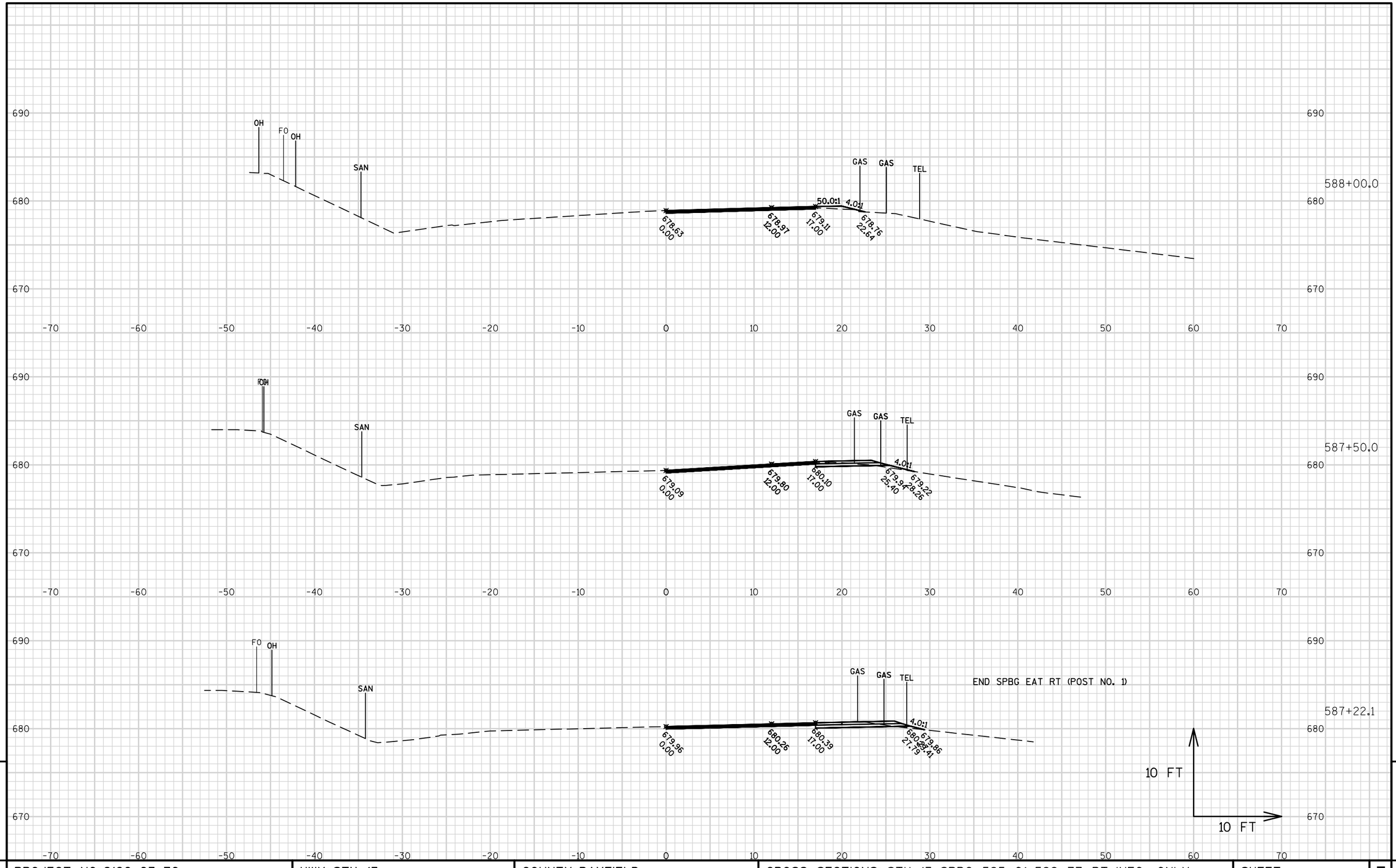


9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG 585+01-589+77 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203.1_XS_585-589_INFO_ORL.DWG
LAYOUT NAME - 13BG_XS-585-589-RT3
PLOT DATE : 10/17/2016 1:28 PM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



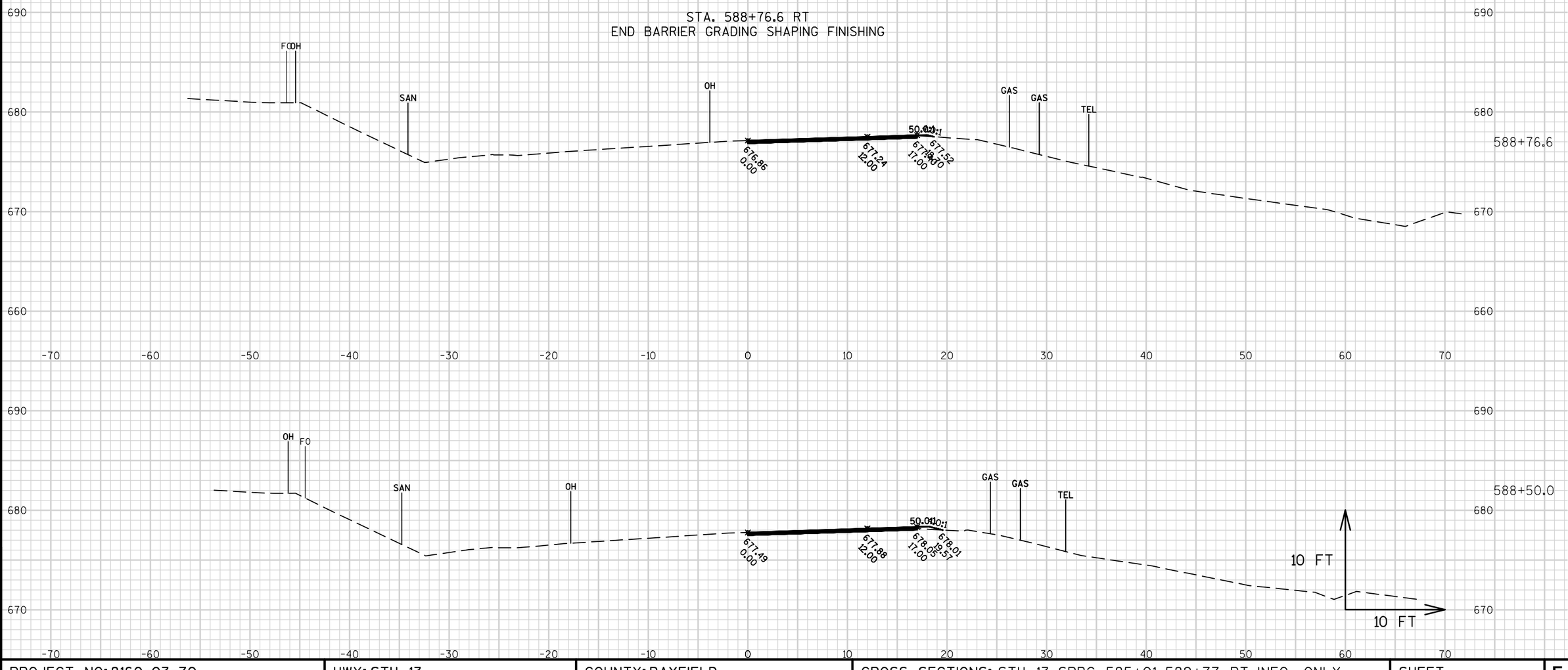
9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG 585+01-589+77 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203.1_XS_585-589_INFO_ORL.DWG
LAYOUT NAME - 13BG_XS-585-589-RT4
PLOTDATE : 10/17/2016 1:28 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

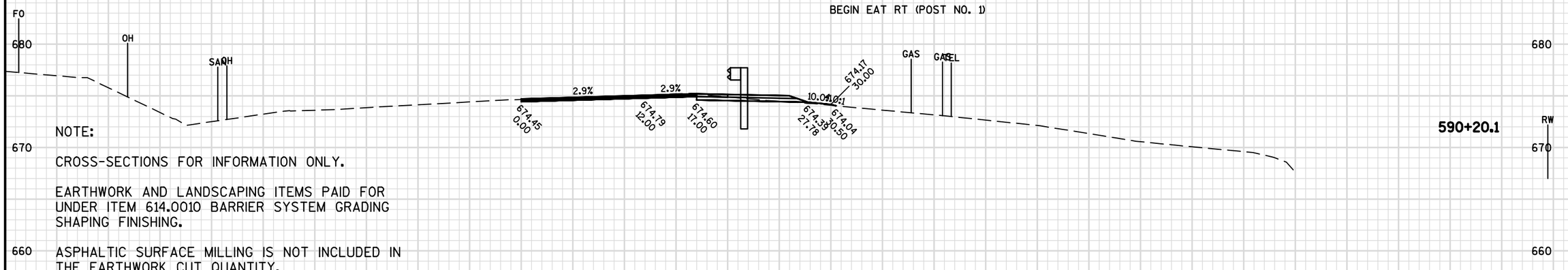
STA. 588+76.6 RT
END BARRIER GRADING SHAPING FINISHING



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13-SPBG 585+01-589+77 RT-INFO. ONLY	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090203.1_XS_585-589_INFO_ORL.DWG
LAYOUT NAME - 13BG_XS-585-589-RT5
PLOTTED DATE : 10/17/2016 1:28 PM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

BEGIN EAT RT (POST NO. 1)



590+20.1

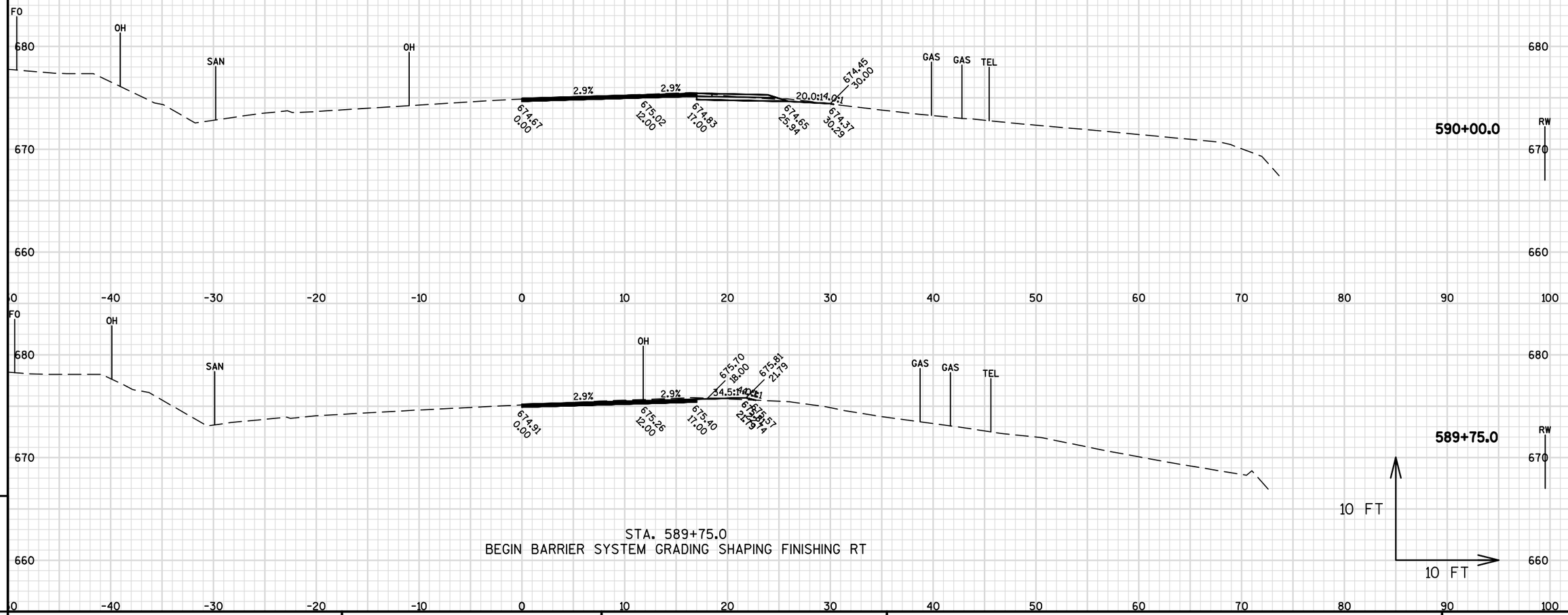
RW

NOTE:

CROSS-SECTIONS FOR INFORMATION ONLY.

EARTHWORK AND LANDSCAPING ITEMS PAID FOR UNDER ITEM 614.0010 BARRIER SYSTEM GRADING SHAPING FINISHING.

ASPHALTIC SURFACE MILLING IS NOT INCLUDED IN THE EARTHWORK CUT QUANTITY.



590+00.0

RW

589+75.0

RW

10 FT

10 FT

STA. 589+75.0
BEGIN BARRIER SYSTEM GRADING SHAPING FINISHING RT

9

9

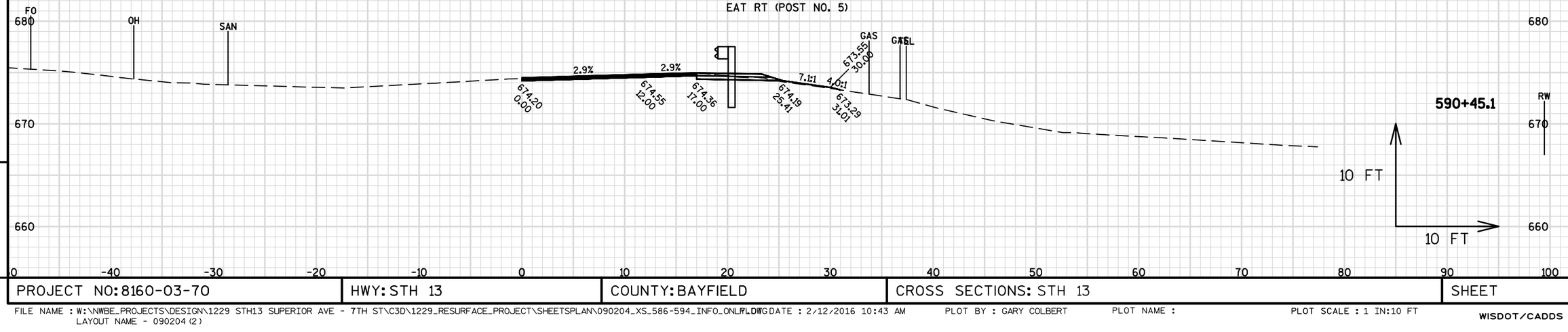
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090204_XS_586-594_INFO_ONLY.DWG
LAYOUT NAME - 090204 (1)

PLOTTED DATE : 2/12/2016 10:43 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT

END EAT RT (POST NO. 9)

EAT RT (POST NO. 5)



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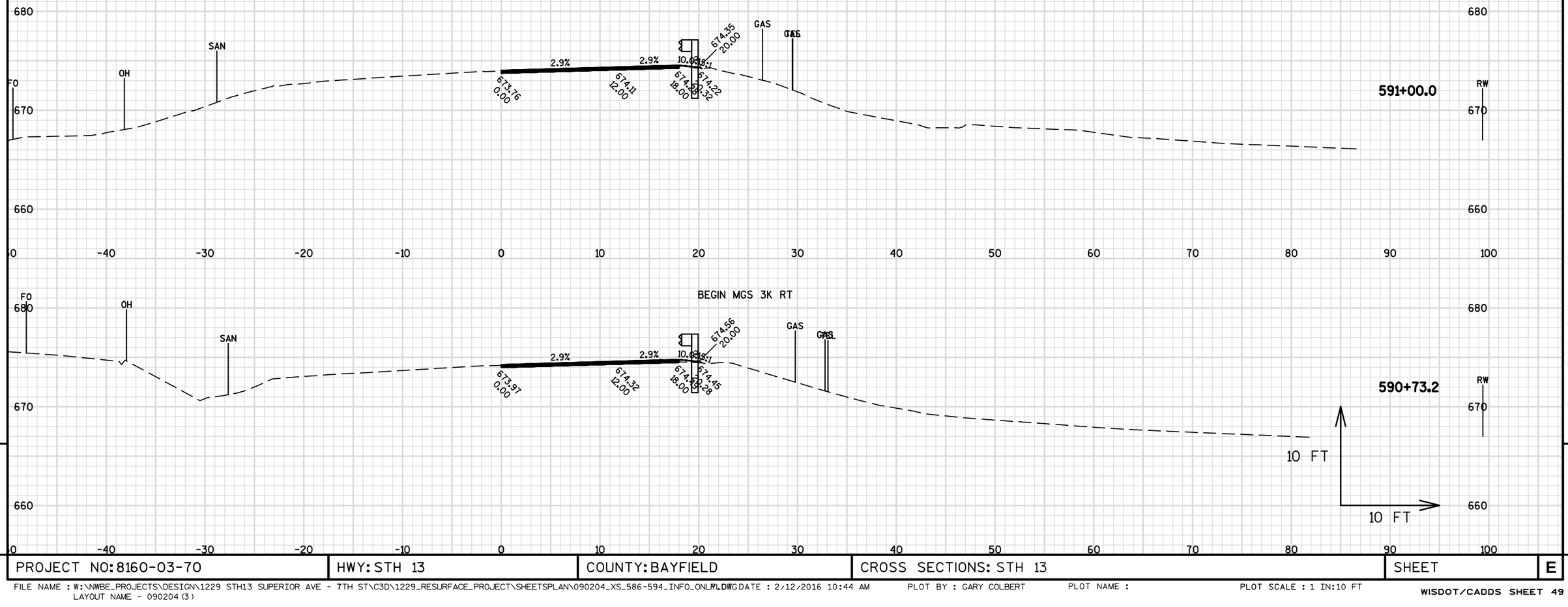
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090204_XS_586-594_INFO_ONLY.DWG PLOTTING DATE : 2/12/2016 10:43 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090204 (2)



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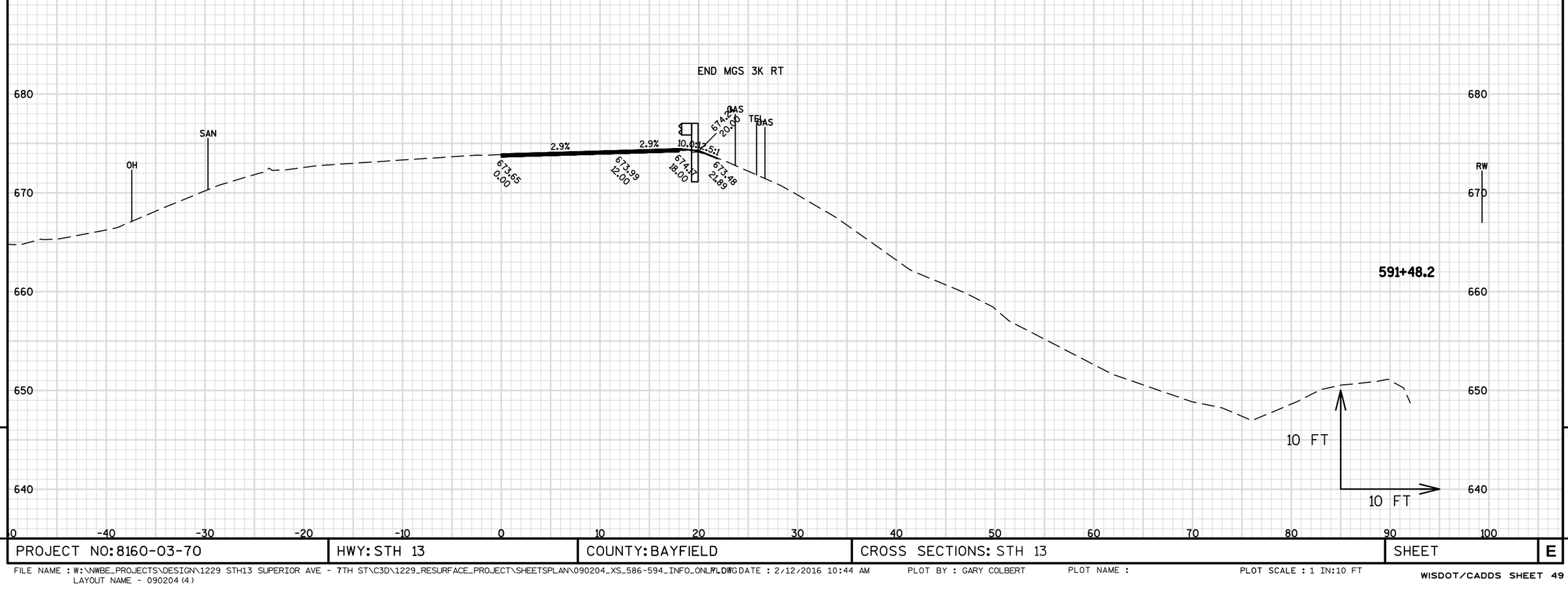
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090204_XS_586-594_INFO_ONLY.DWG
LAYOUT NAME - 090204 (3)

PLOTTED : DATE : 2/12/2016 10:44 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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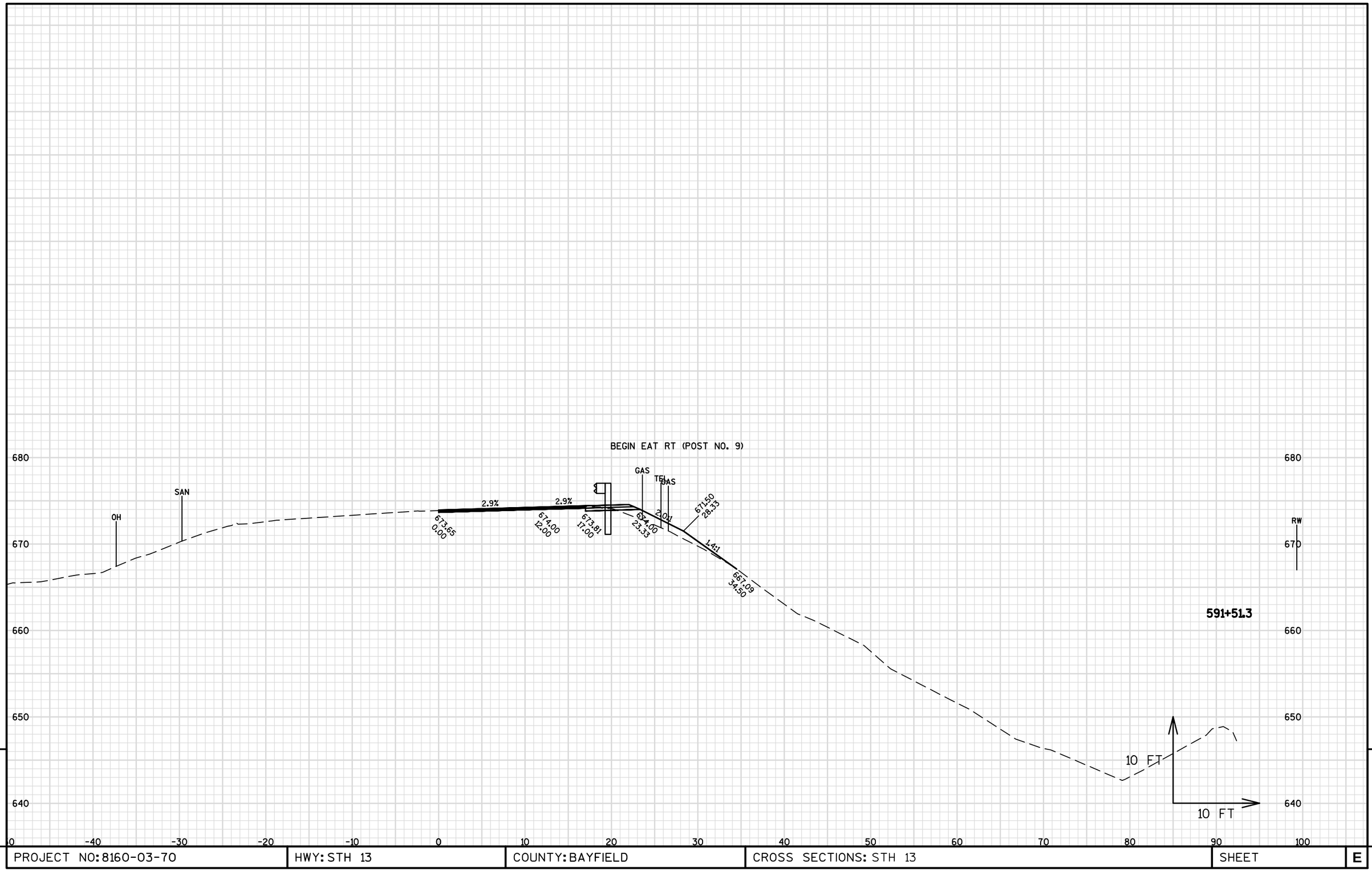
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090204_XS_586-594_INFO_ONLY.DWG
LAYOUT NAME - 090204 (4)
PLOTTED DATE : 2/12/2016 10:44 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



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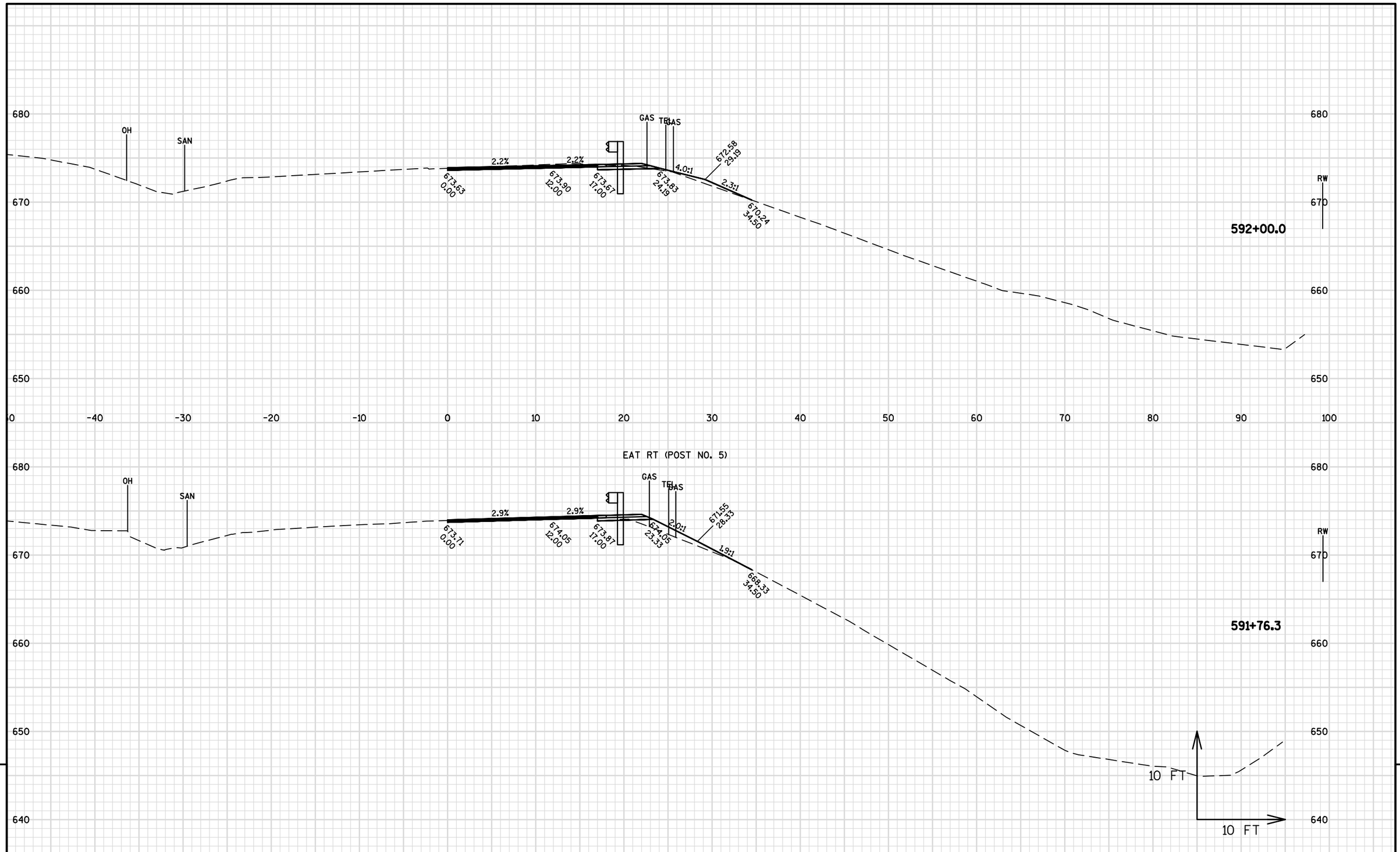
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090204_XS_586-594_INFO_ONLY.DWG DATE : 2/12/2016 10:44 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090204 (5)



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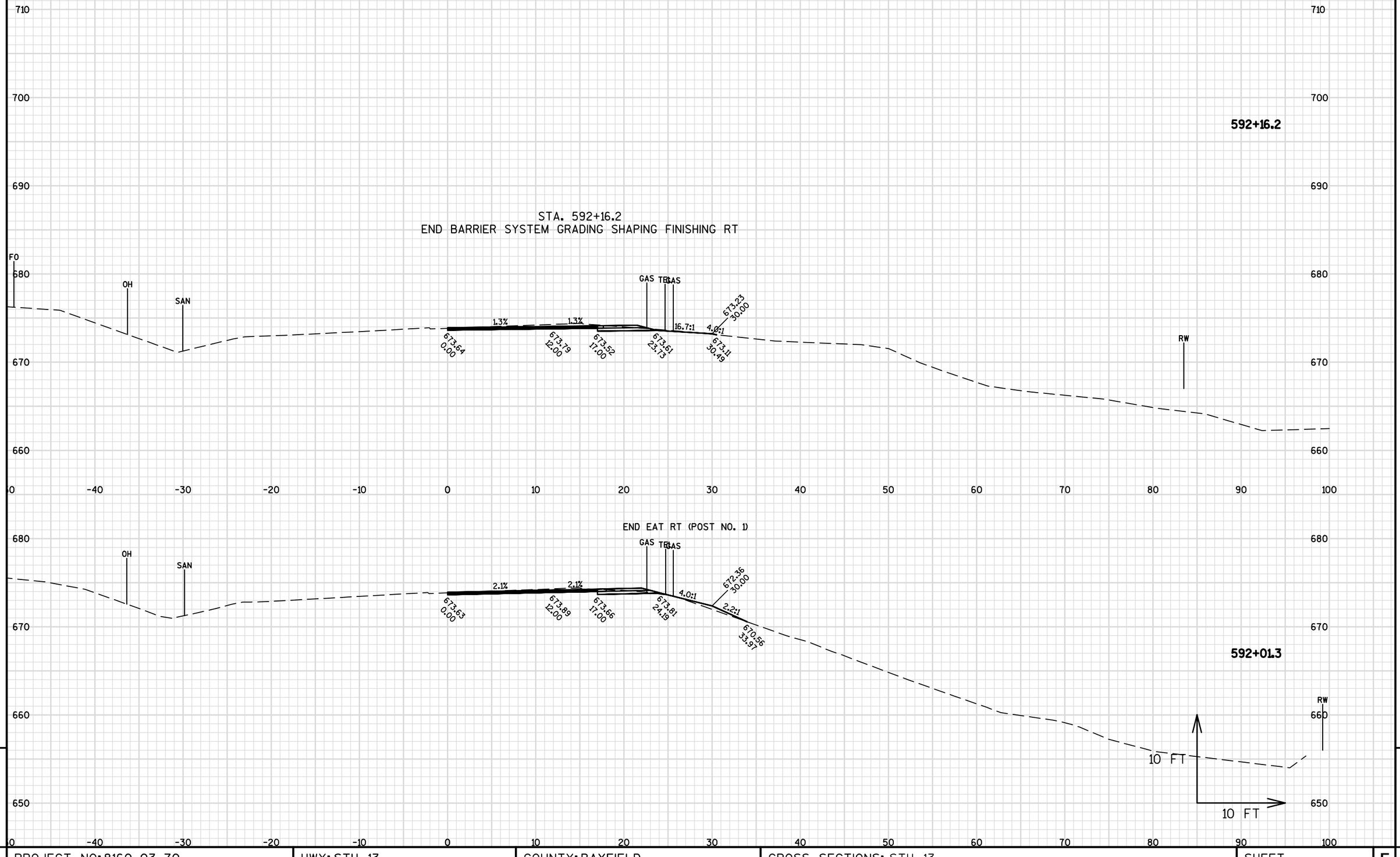
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090204_XS_586-594_INFO_ONLY.DWG PLOTTED : 2/12/2016 10:44 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090204 (6)

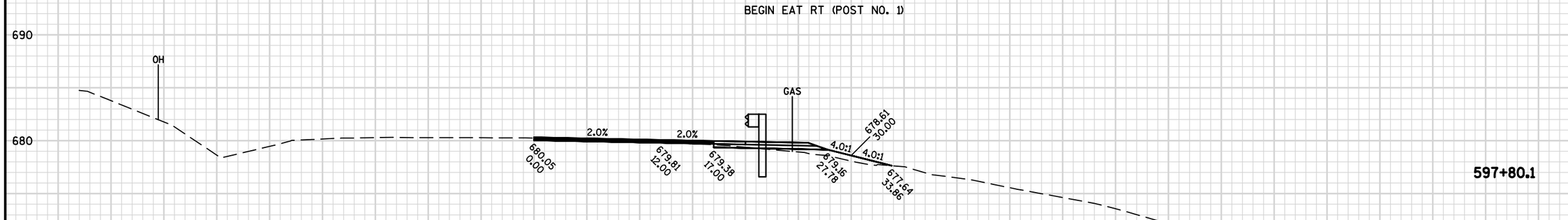
STA. 592+16.2
END BARRIER SYSTEM GRADING SHAPING FINISHING RT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

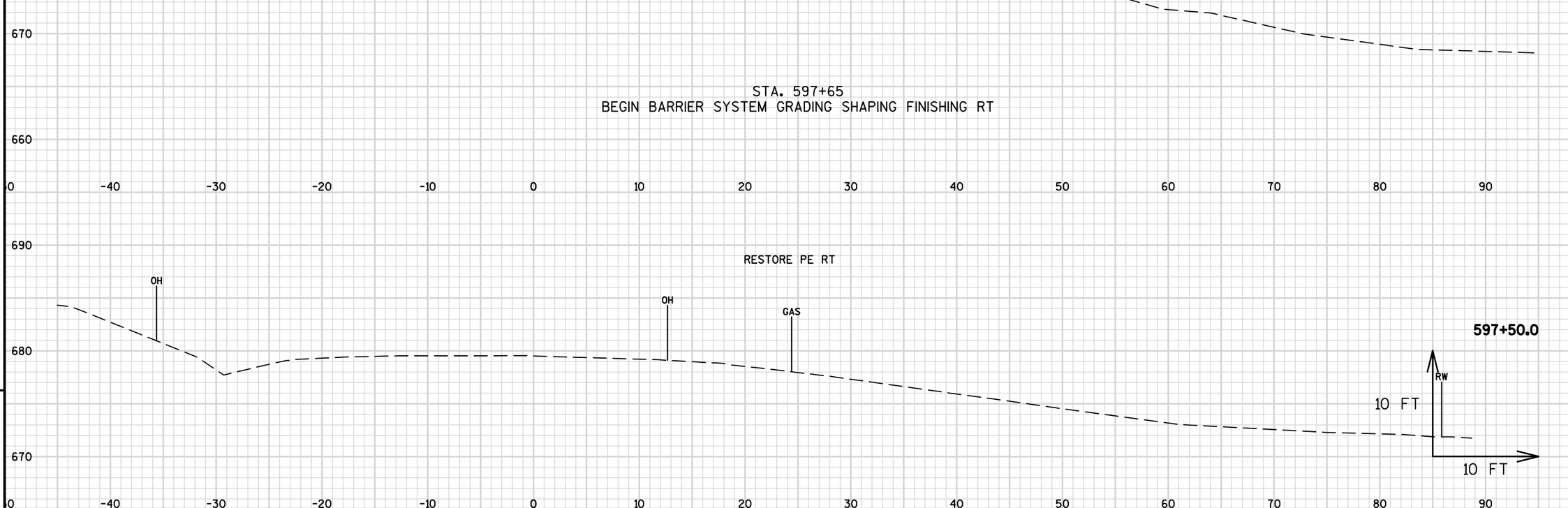
FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090204_XS_586-594_INFO_ONLY.DWG
LAYOUT NAME - 090204 (7)
PLOTTED DATE : 2/12/2016 10:44 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

BEGIN EAT RT (POST NO. 1)



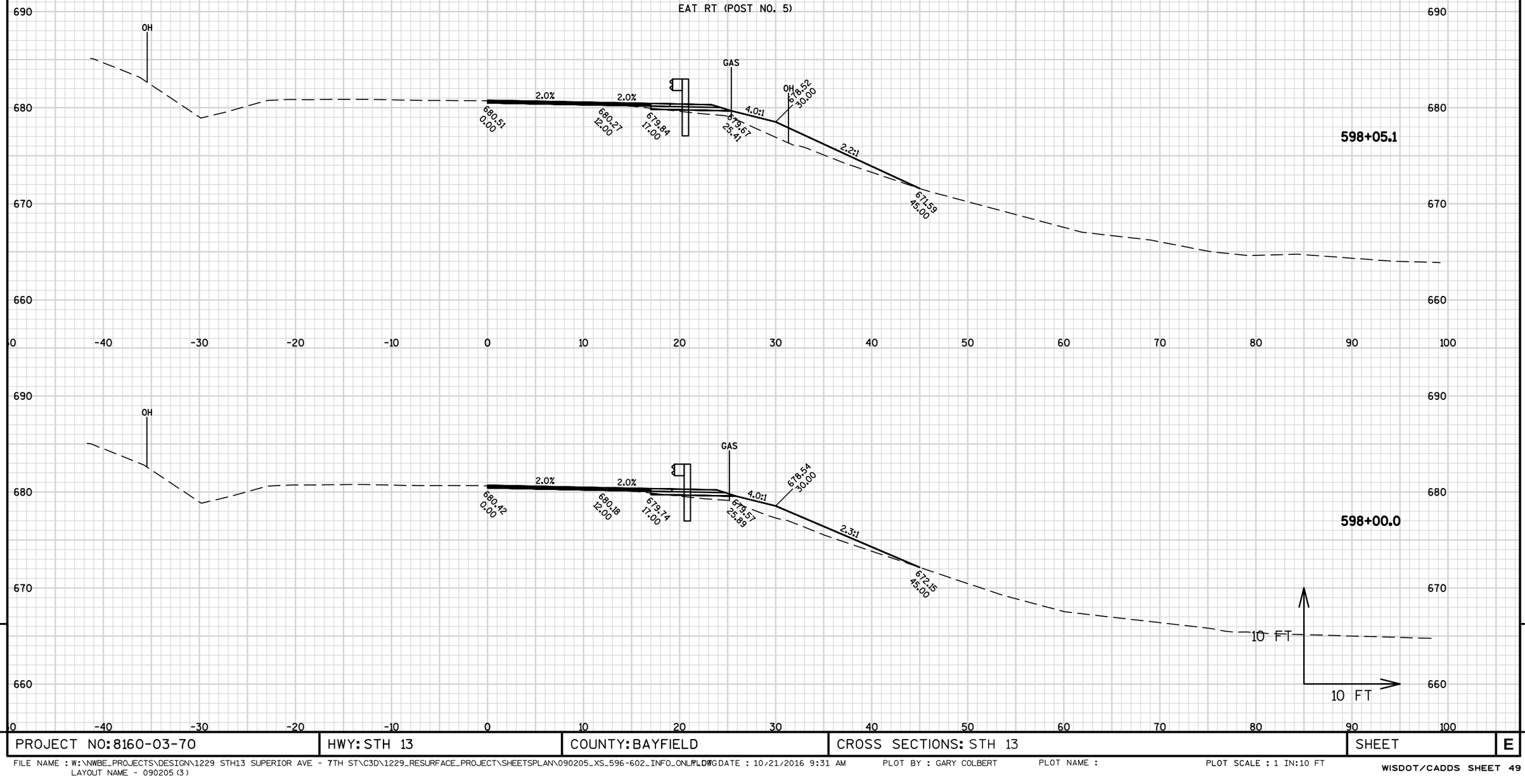
STA. 597+65
BEGIN BARRIER SYSTEM GRADING SHAPING FINISHING RT

RESTORE PE RT



PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

EAT RT (POST NO. 5)



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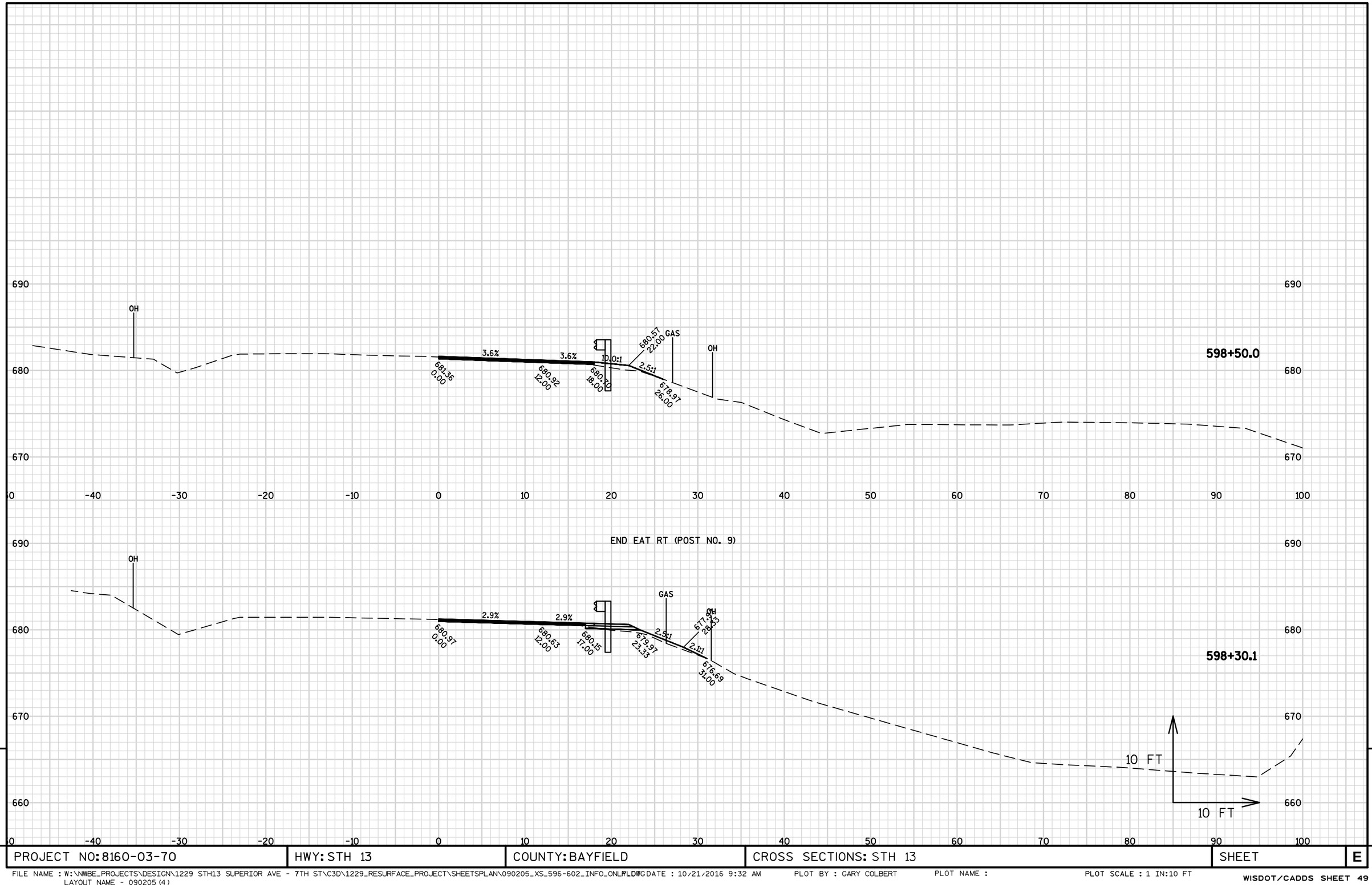
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG
LAYOUT NAME - 090205 (3)
PLOTTED DATE : 10/21/2016 9:31 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG PLOTTED DATE : 10/21/2016 9:32 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090205 (4)

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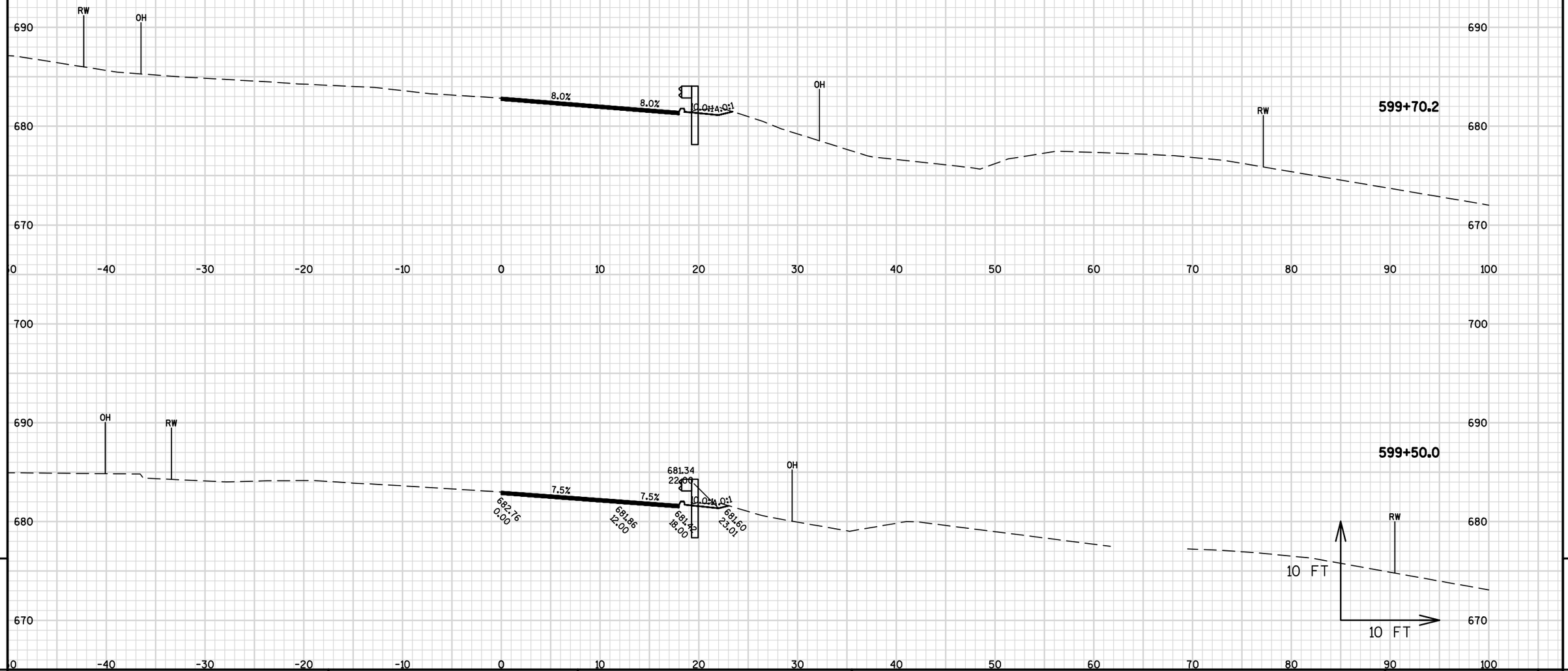
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG
LAYOUT NAME - 090205 (5)
PLOTTED : DATE : 10/21/2016 9:32 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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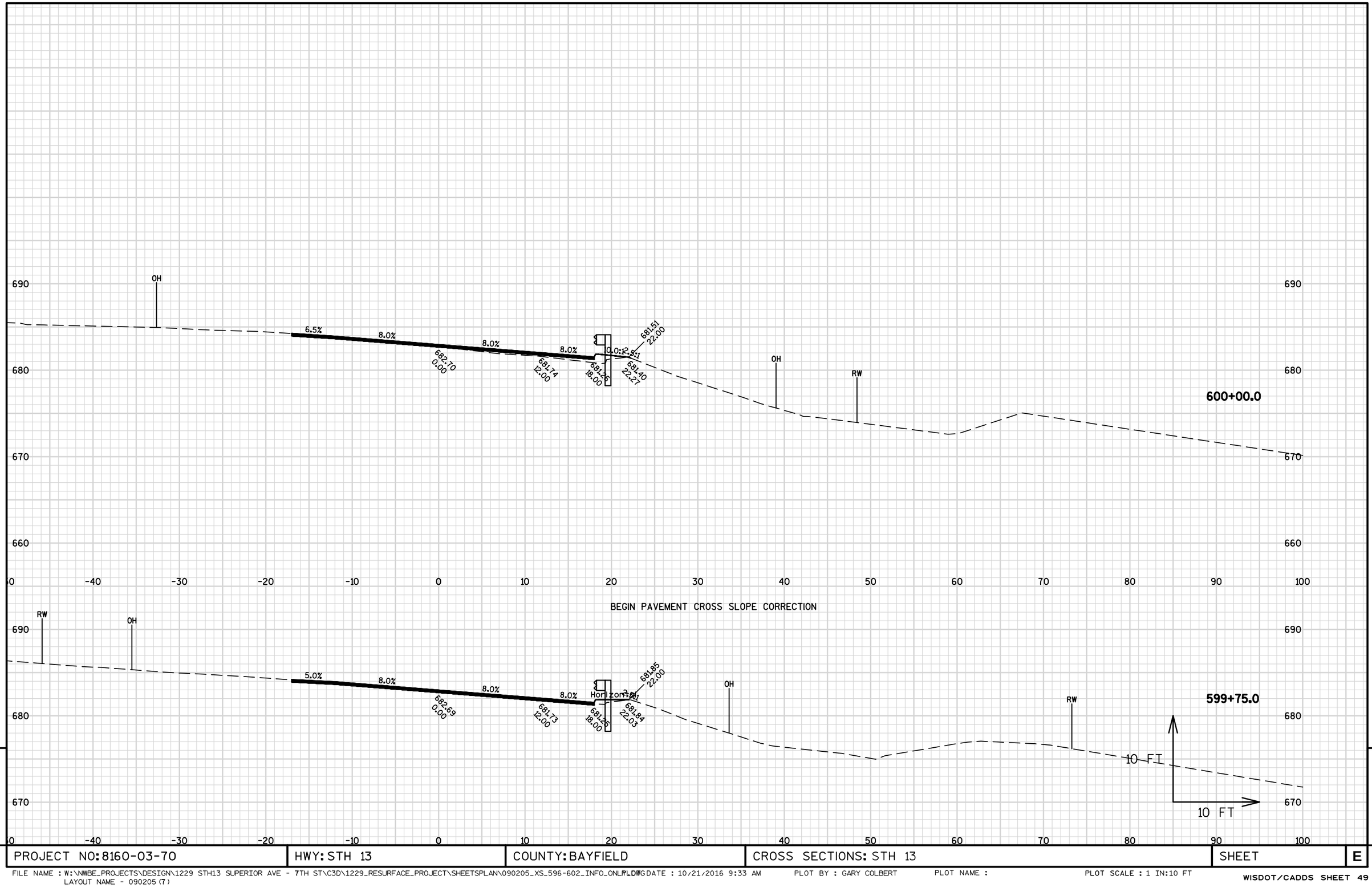
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG
LAYOUT NAME - 090205 (6)
PLOTTED : 10/21/2016 9:33 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT



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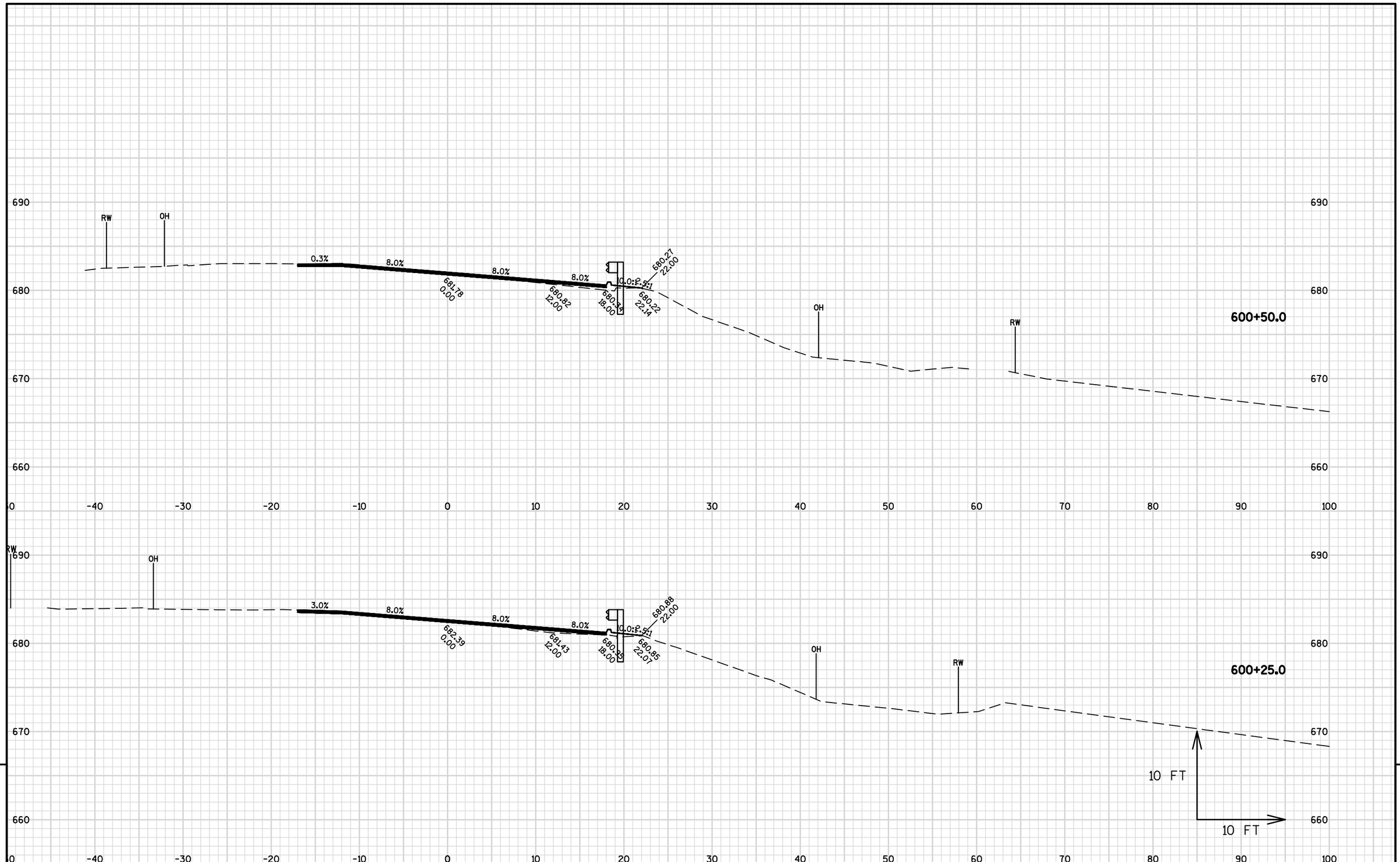
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG PLOTDATE : 10/21/2016 9:33 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090205 (7)



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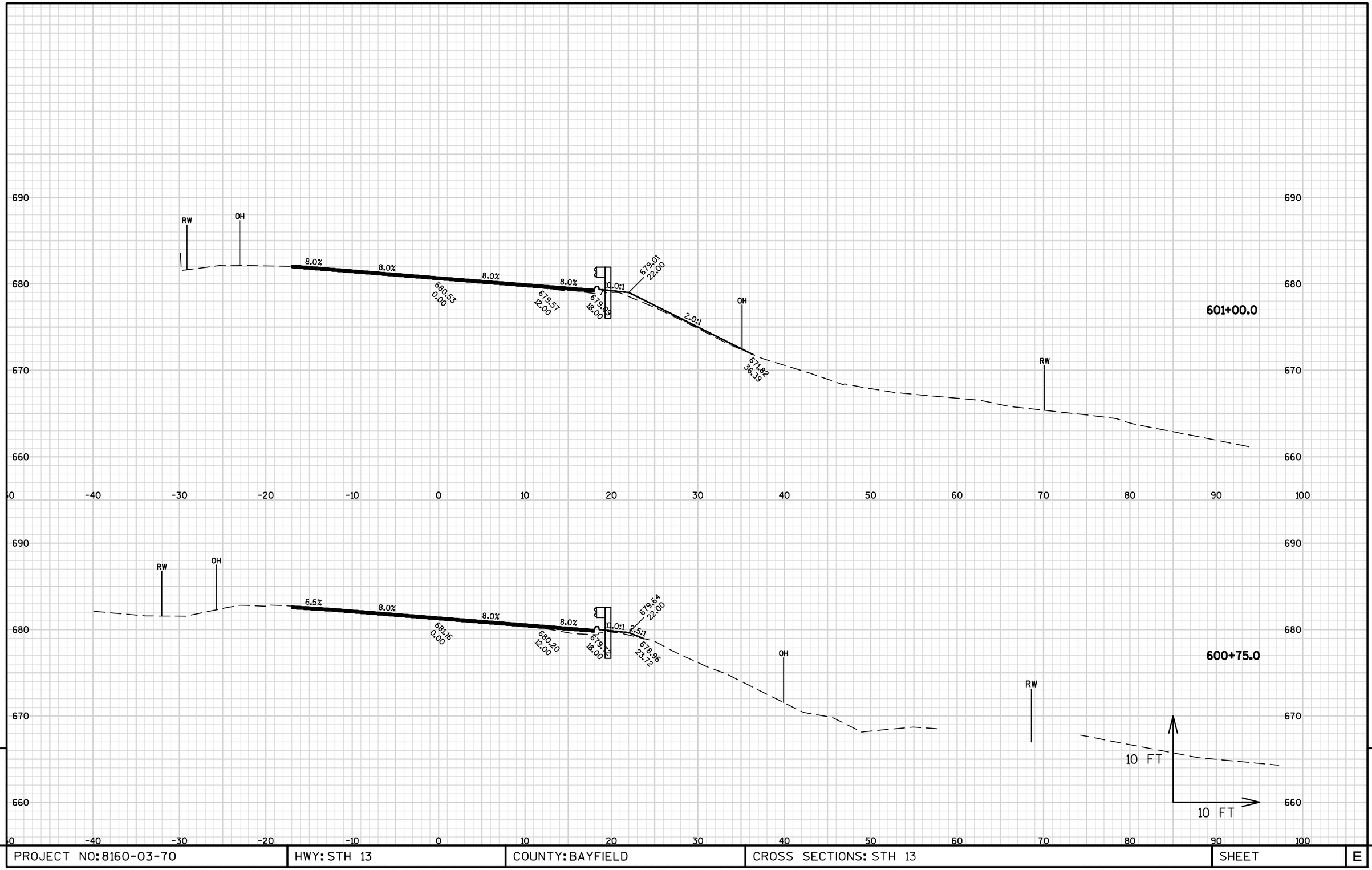
9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG
LAYOUT NAME - 090205 (8)
PLOTTED DATE : 10/21/2016 9:34 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



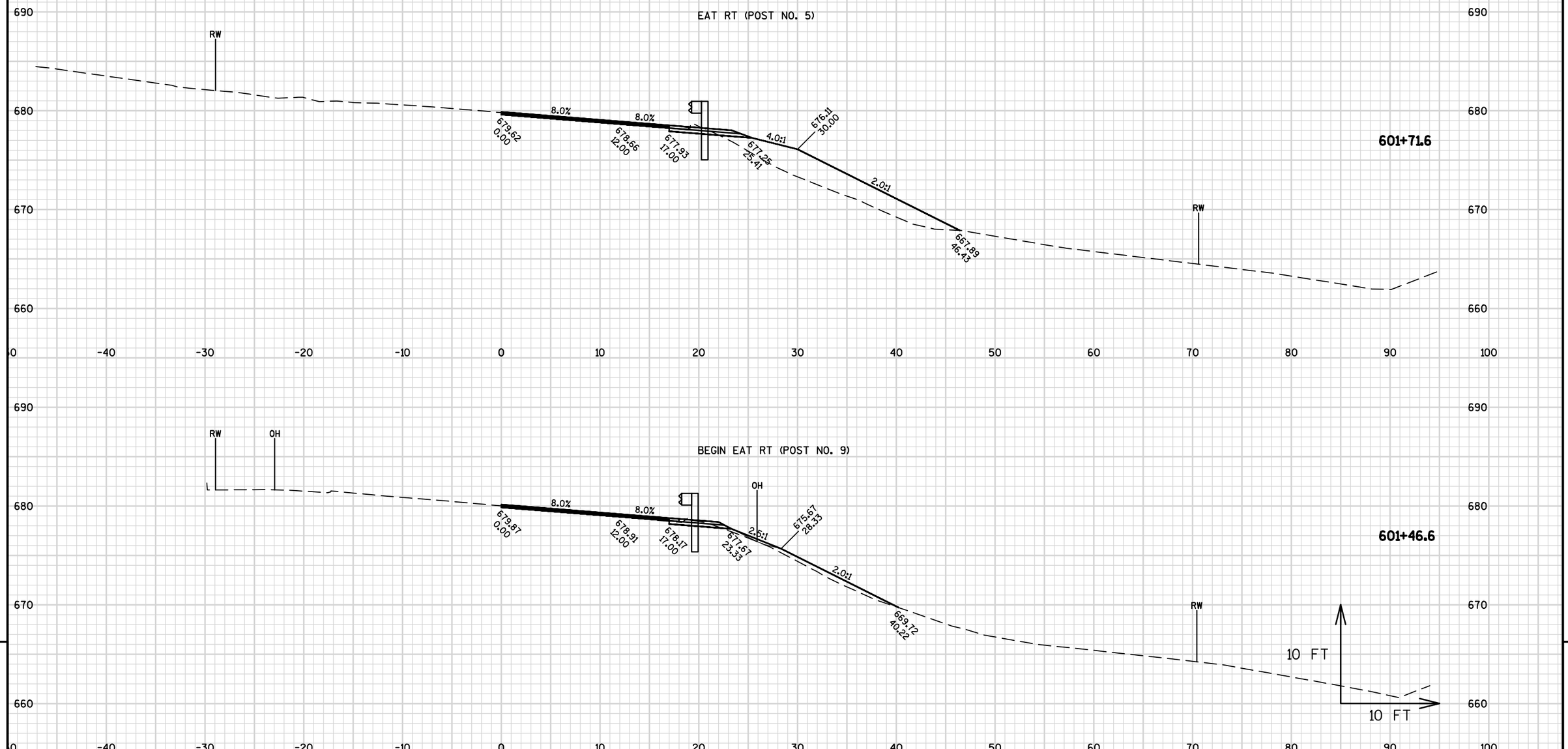
9

9

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG
LAYOUT NAME - 090205 (9)
PLOTTED DATE : 10/21/2016 9:34 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

EAT RT (POST NO. 5)



BEGIN EAT RT (POST NO. 9)

9

9

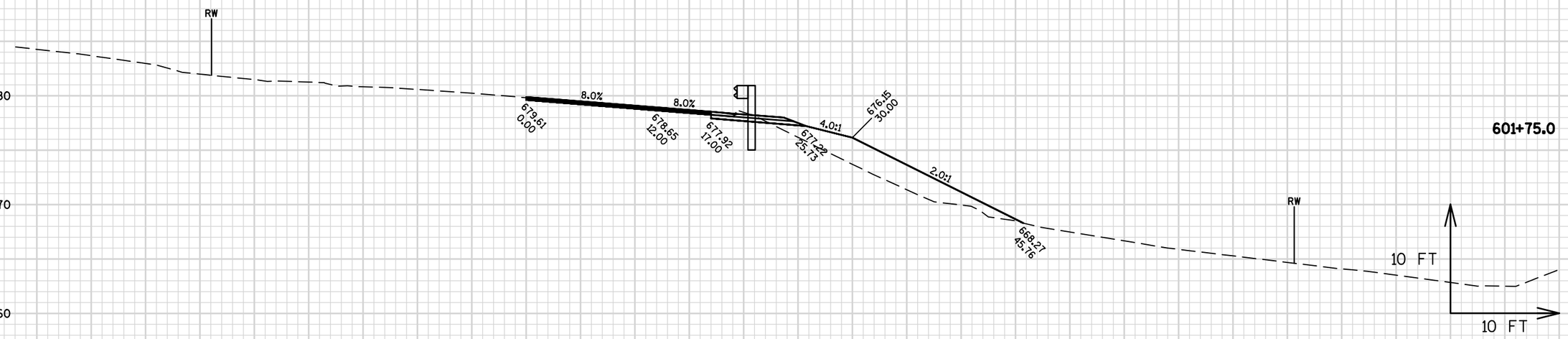
PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG DATE : 10/21/2016 9:35 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090205 (10)

END EAT RT (POST NO. 1)

601+96.6

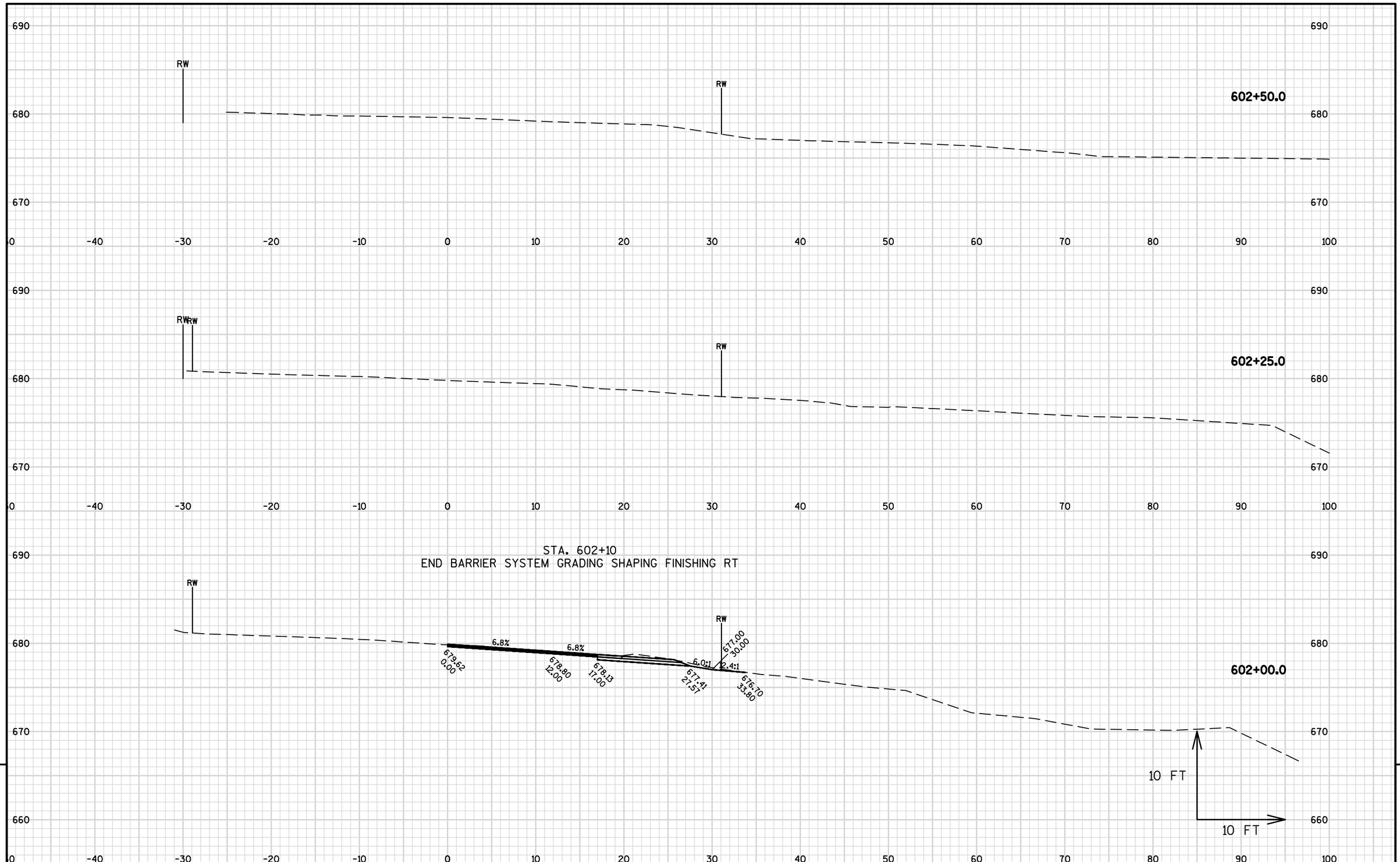
END PAVEMENT CROSS SLOPE CORRECTION



601+75.0

PROJECT NO: 8160-03-70	HWY: STH 13	COUNTY: BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG
LAYOUT NAME - 090205 (11)
PLOTTED : 10/21/2016 9:36 AM
PLOT BY : GARY COLBERT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



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9

PROJECT NO:8160-03-70	HWY:STH 13	COUNTY:BAYFIELD	CROSS SECTIONS: STH 13	SHEET	E

FILE NAME : W:\NWBE_PROJECTS\DESIGN\1229 STH13 SUPERIOR AVE - 7TH ST\C3D\1229_RESURFACE_PROJECT\SHEETSPLAN\090205_XS_596-602_INFO_ONLY.DWG PLOT DATE : 10/21/2016 9:36 AM PLOT BY : GARY COLBERT PLOT NAME : PLOT SCALE : 1 IN:10 FT
LAYOUT NAME - 090205 (12)