

PROJECT ID:

WITH:

COUNTY: FOREST

GENERAL NOTES

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

REFERENCE LINE REFERS TO ALIGNMENT AND STATIONING. CENTERLINE REFERS TO EXISTING ROADWAY CENTERLINE. REFERENCE LINE AND CENTERLINE ARE NOT COINCIDENTAL.

SAW CUT LOCATIONS SHOWN ON THE PLAN ARE SUBJECTED TO ADJUSTMENT BY THE ENGINEER IN FIELD. THE LINE OF SUCH SAW CUTS WILL BE NEATLY DELINEATED THRU THE ASPHALT WITHOUT ANY DAMAGE TO THE REMAINING PORTION OF THE EXISTING PAVEMENT.

CURVE DATA IS BASED ON ARC DEFINITION.

4-INCH HMA PAVEMENT WILL BE CONSTRUCTED WITH THE TWO LAYERS CONSISTING OF ONE 2 1/4-INCH LOWER LAYER AND ONE 1 3/4-INCH UPPER LAYER.

ACCESS TO ALL RESIDENCES AND BUSINESSES WILL BE MAINTAINED DURING CONSTRUCTION.

EXACT LOCATION AND WIDTH OF ENTRANCES WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ENTRANCES ARE TO BE REPLACED IN KIND.

THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING MOTORISTS AND PEDESTRIANS THAT MAY ENTER THE WORK ZONE FORM POSSIBLE HAZARDS.

UTILITIES

*WISCONSIN PUBLIC SERVICE - ELECTRIC TELEPHONE 920-433-1703

700 N. ADAMS STREET
PO BOX 1210
GREEN BAY, WISCONSIN 54307
ATTENTION: LORI BUTRY
E-MAIL: LABUTRY@INTEGRYSGROUP.COM

*FRONTIER COMMUNICATIONS TELEPHONE 920-893-7455

118 DIVISION STREET
PLYMOUTH, WISCONSIN 53073
ATTENTION: RYAN OSNESS
E-MAIL: ryan.osness@ftr.com

*TIME WARNER CABLE TELEPHONE 920-831-9249

3545 PLANK ROAD
APPLETON, WISCONSIN 54915
ATTENTION: VINCE ALBIN
E-MAIL: vince.albin@twcable.com

*ANR PIPELINE TELEPHONE 920-477-2235

W3925 PIPELINE AVE
EDEN, WISCONSIN 53109
ATTENTION: LARRY HUBER

*-MEMBER OF DIGGERS HOTLINE



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

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 9.81 ACRES
SOIL GROUP C

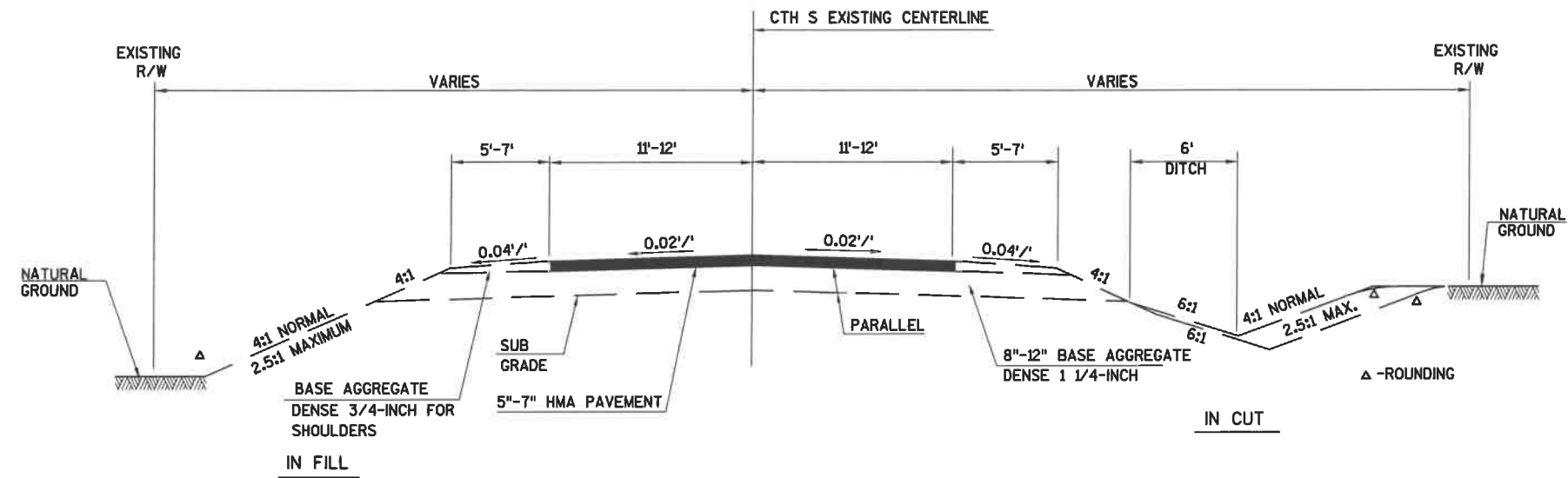
STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	NC	NORMAL CROWN
AC	ASPHALT CEMENT	PT	POINT OF TANGENCY
AGG	AGGREGATE	PC	POINT OF CURVATURE
ASPH	ASPHALT	PI	POINT OF INTERSECTION
BM	BENCH MARK	PE	PRIVATE ENTRANCE
C/L	CENTERLINE	R	RADIUS
CONC	CONCRETE	REM	REMOVE
CMP	CORRUGATED METAL PIPE	R/L OR RL	REFERENCE LINE
CR.	CREEK	RCCP	REINFORCED CONCRETE CULVERT PIPE
D	DEGREE OF CURVE	RCPPS	REINFORCED CONCRETE PIPE STORM SEWER
DHV	DESIGN HOUR VOLUME	R.O.	RUNOUT
ESALS	EQUIVALENT SINGLE AXIS LOADS	R/W	RIGHT-OF-WAY
EXIST	EXISTING	STA	STATION
FE	FIELD ENTRANCE	SE	SUPER ELEVATION
HYD	HYDRANT	SS	STORM SEWER
IP	IRON PIPE OR PIN	T	TANGENT
L	LENGTH OF CURVE	TEL	TELEPHONE
LC	LONG CHORD OF CURVE	TLE	TEMPORARY LIMITED EASEMENT
LR	LENGTH OF RUNOFF	T	TRUCKS
MH	MANHOLE	VC	VERTICAL CURVE
		W	WELL

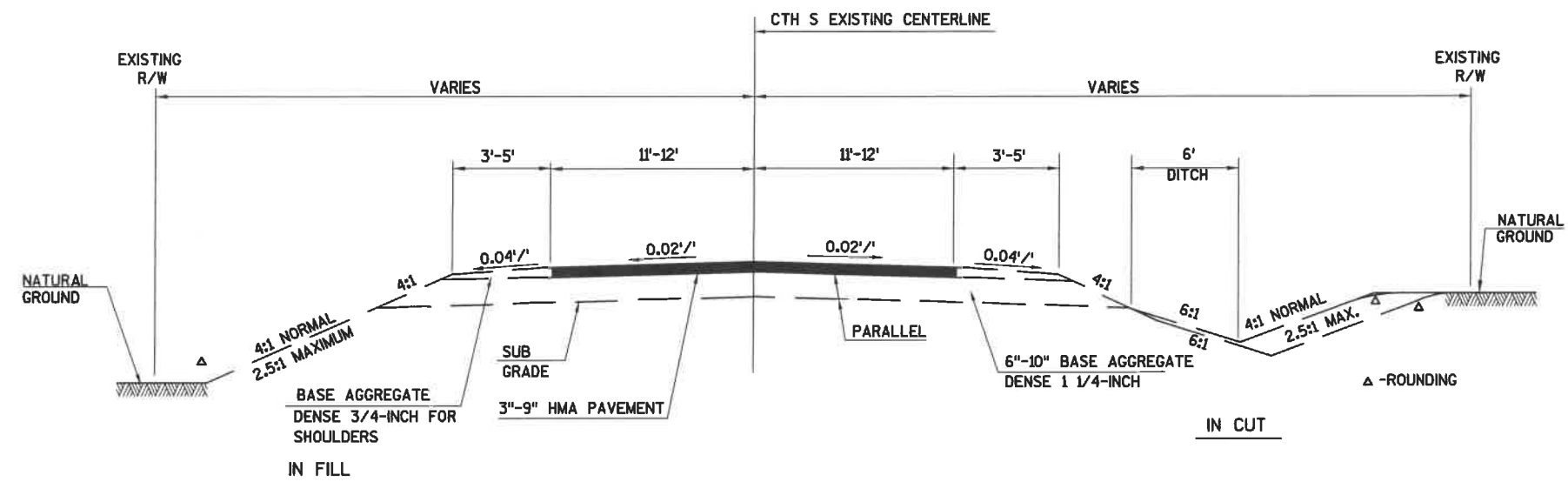
DEPARTMENT OF NATURAL RESOURCES

WDNR TELEPHONE 715-365-8916

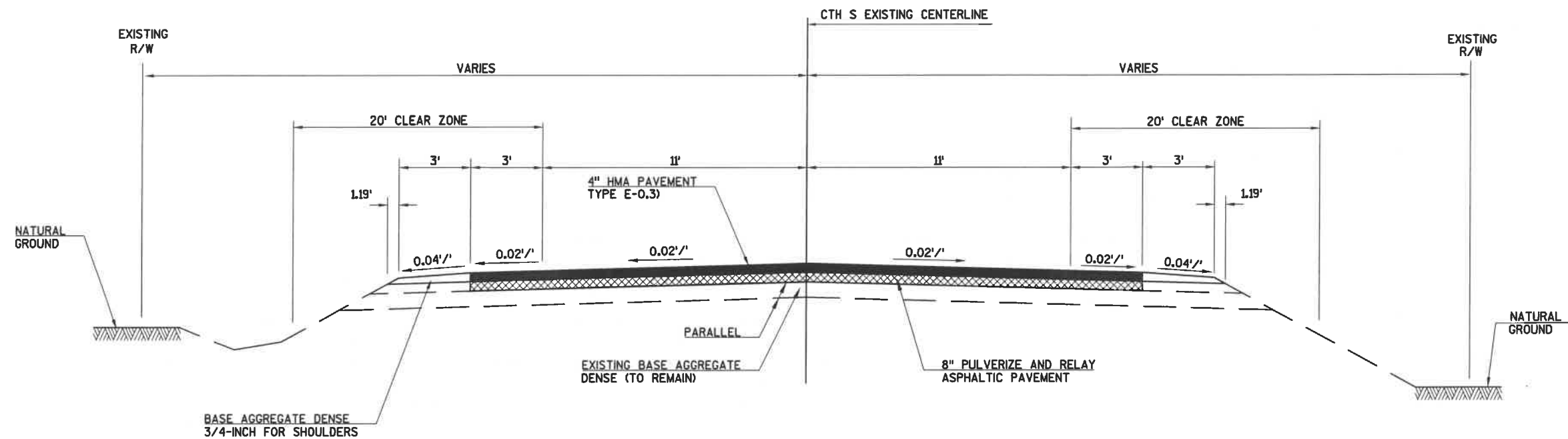
107 SUTLIFF
RHINELANDER, WISCONSIN 54501
ATTENTION: JON SIMONSEN
E-MAIL: JONATHON.SIMMONSEN@WISCONSIN.GOV



TYPICAL EXISTING SECTION FOR CTH S
STA. 100+75 - STA. 204+82.53

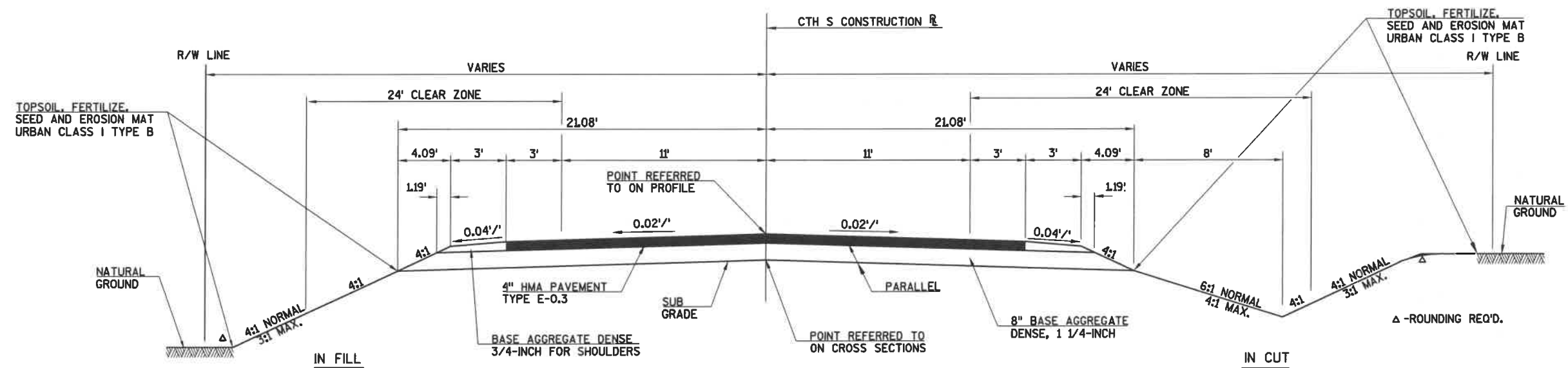


TYPICAL EXISTING SECTION FOR CTH S
STA. 204+82.53-STA. 616+42



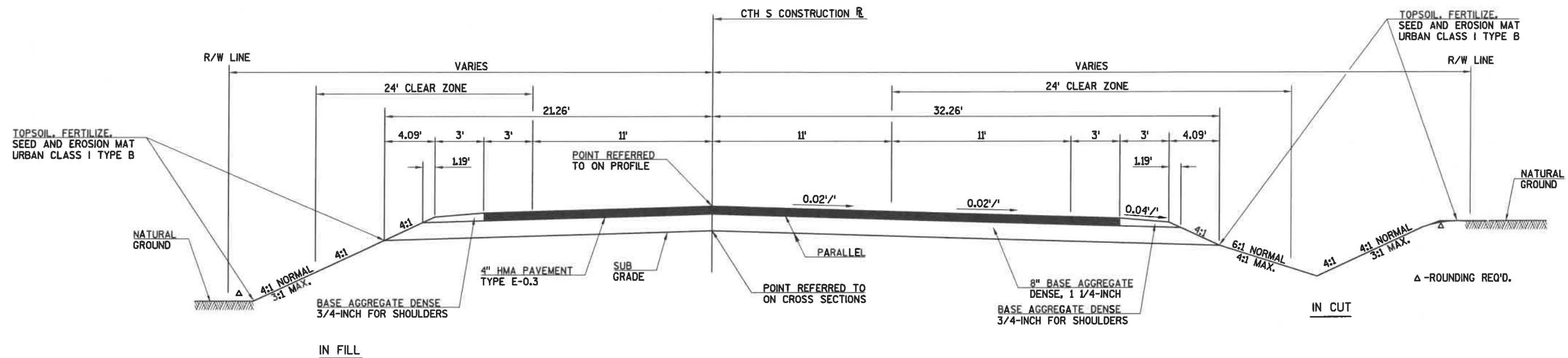
TYPICAL FINISHED SECTION FOR CTH S

STA. 100+74 - STA. 201+58.94

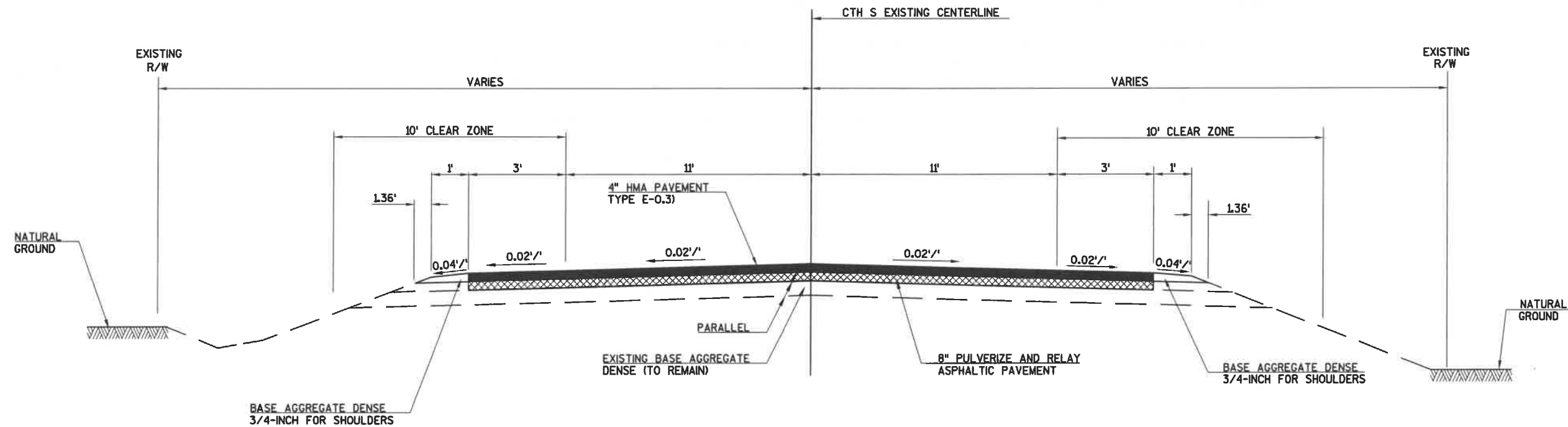


TYPICAL FINISHED SECTION FOR CTH S

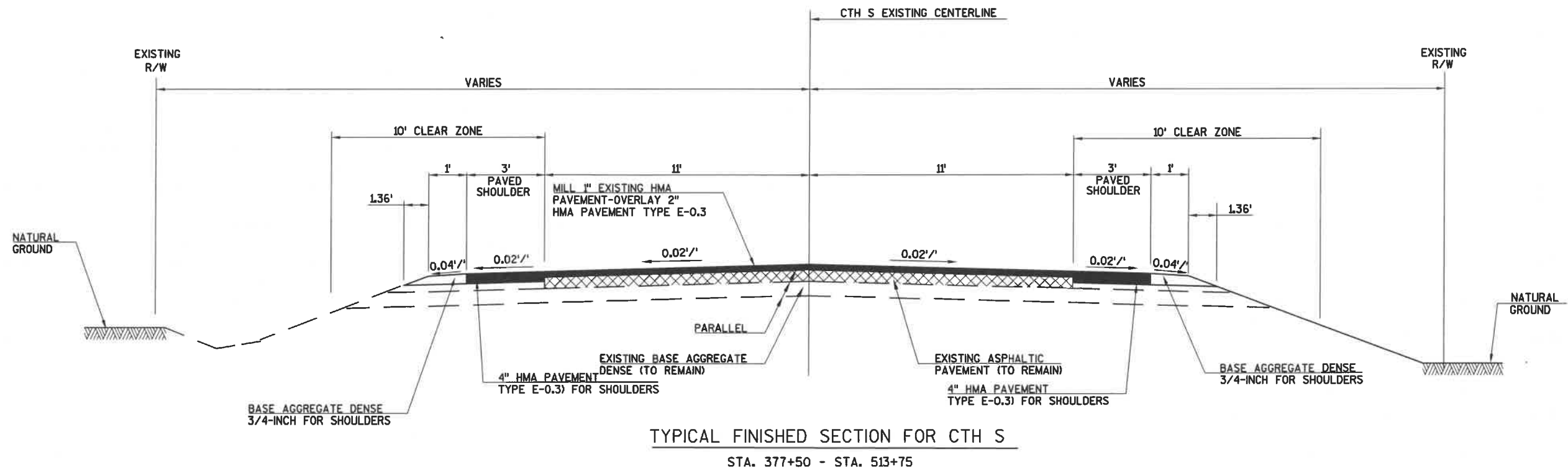
STA. 201+58.94 - STA. 204+82.53

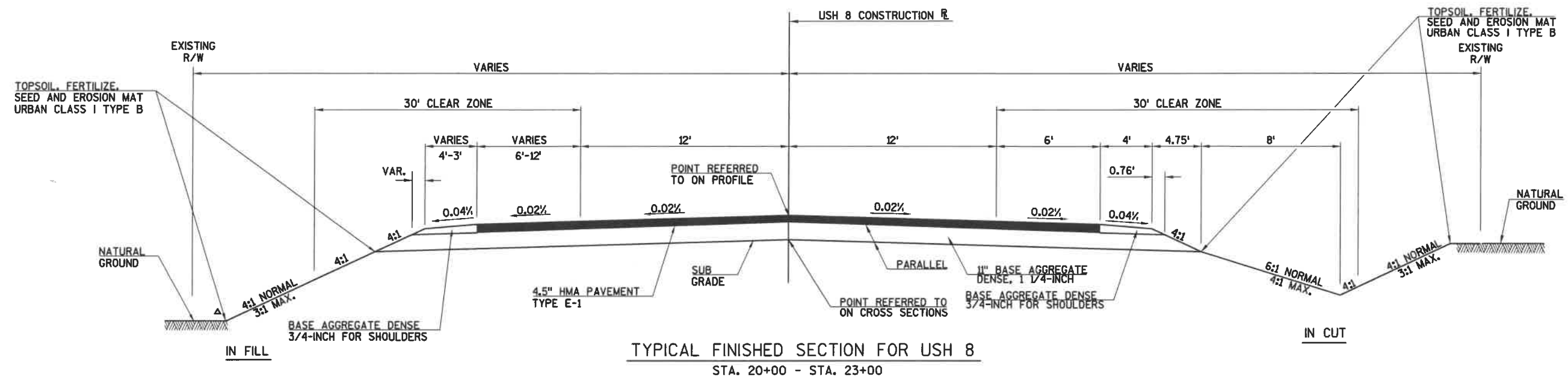
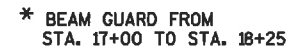


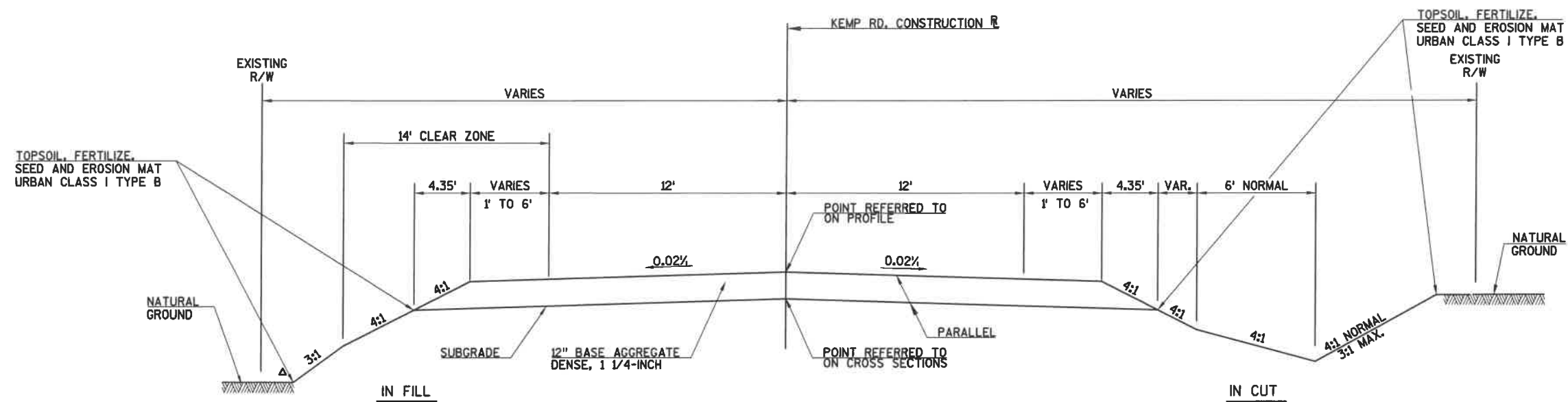
TYPICAL FINISHED SECTION FOR CTH S
STA. 204+82.53 - STA. 221+29.93



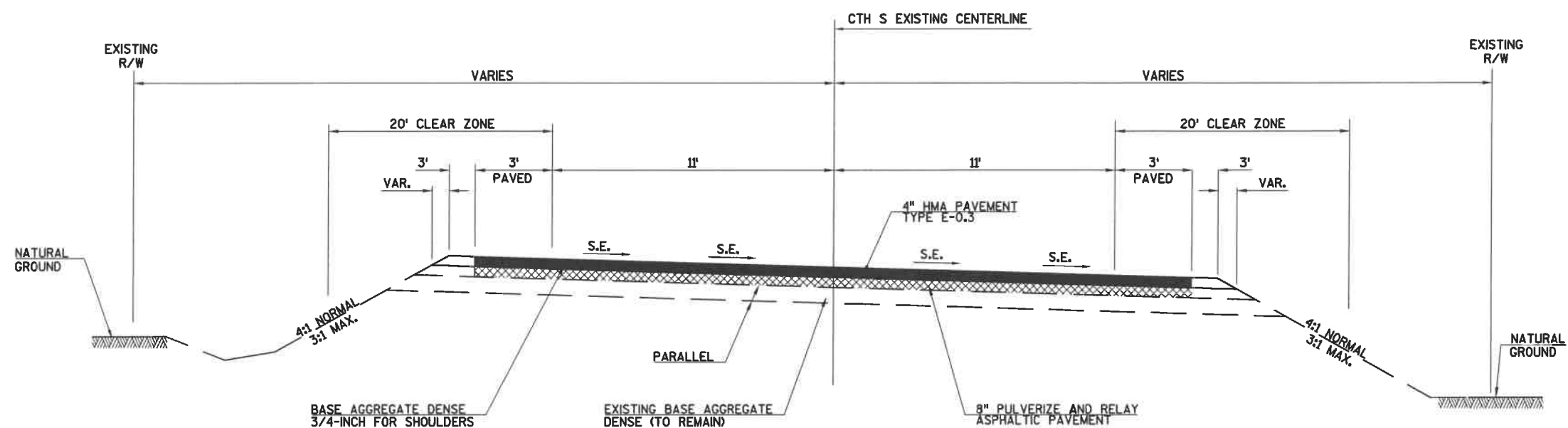
TYPICAL FINISHED SECTION FOR CTH S
STA. 221+29.93 - STA. 337+50
STA. 513+75 - STA. 616+42





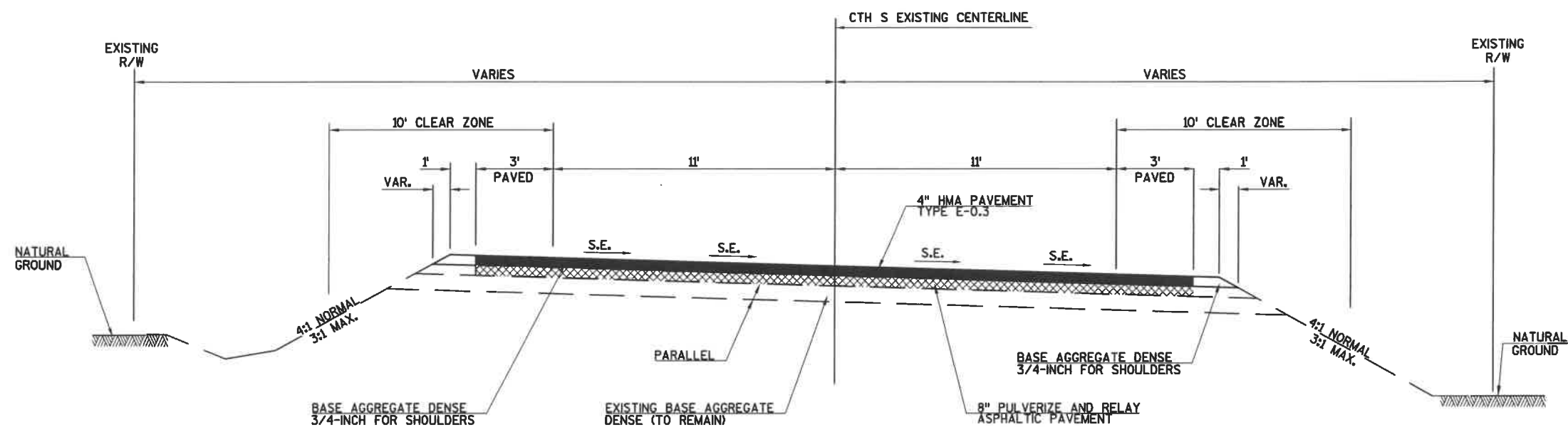


TYPICAL EXISTING SECTION FOR KEMP ROAD



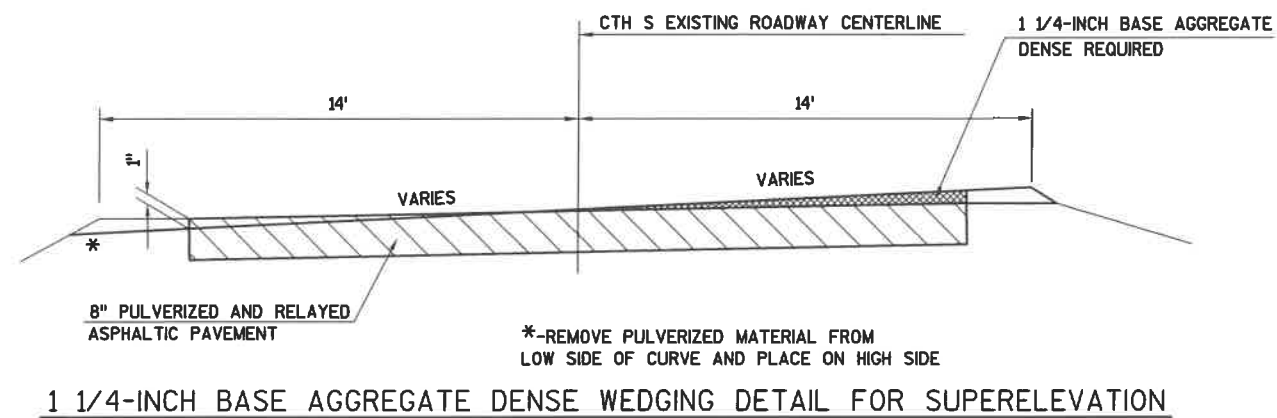
TYPICAL SUPERELEVATED FINISHED SECTION FOR CTH S (SOUTH OF USH 8)

SEE PLAN SHEETS FOR LOCATIONS AND MAXIMUM SUPER ELEVATION

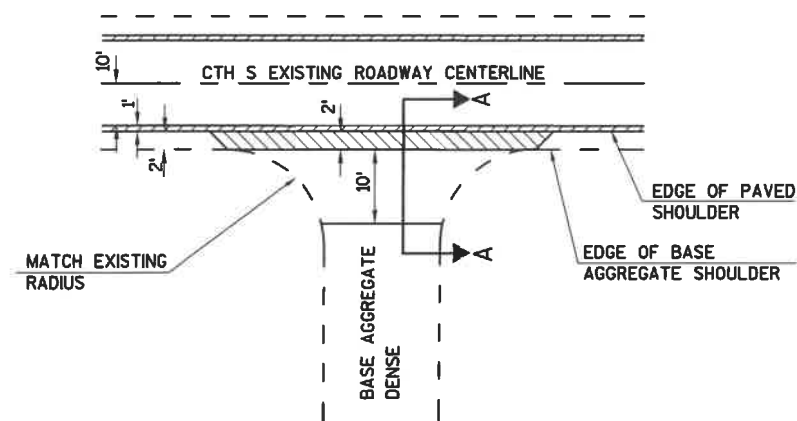


TYPICAL SUPERELEVATED FINISHED SECTION FOR CTH S (NORTH OF USH 8)

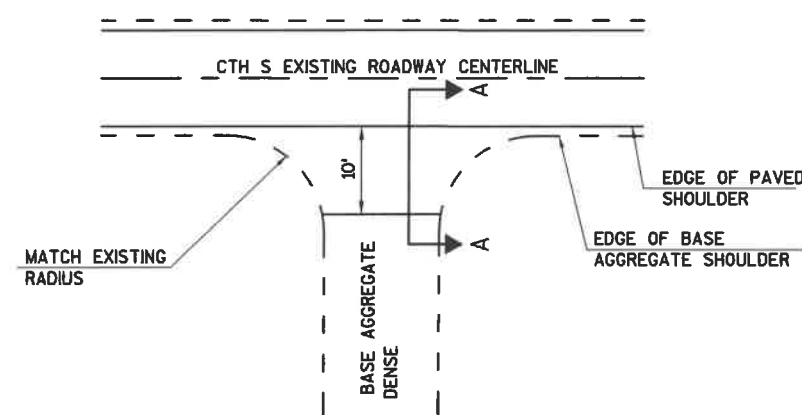
SEE PLAN SHEETS FOR LOCATIONS AND MAXIMUM SUPER ELEVATION



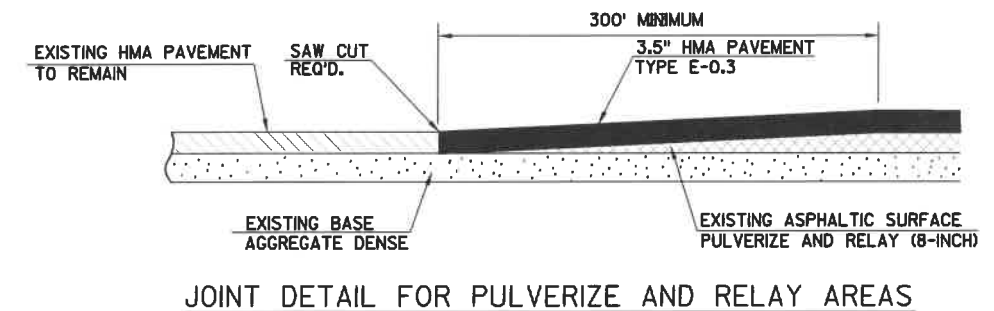
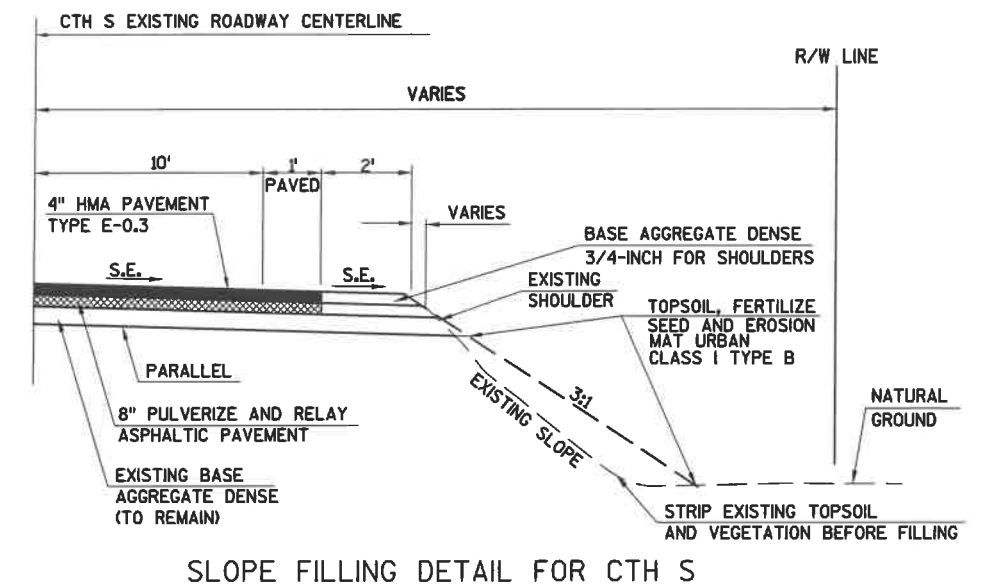
CURVE NO.
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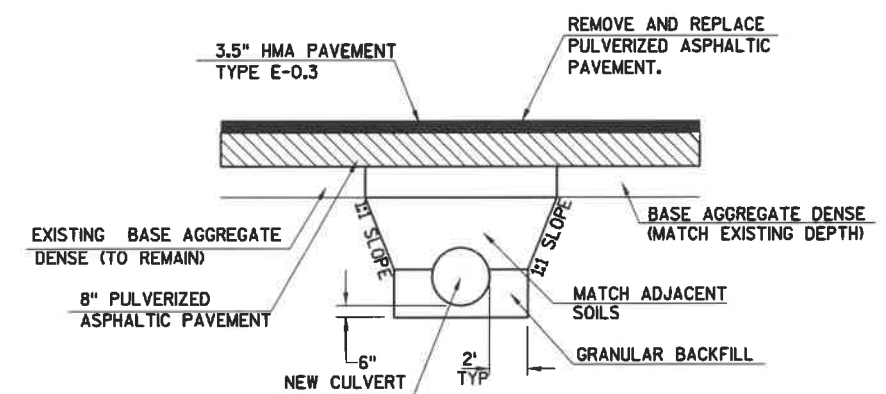
SIDE ROADS AND FOREST SERVICE ROADS
BASE AGGREGATE DENSE DETAIL



PRIVATE ENTRANCE AND FIELD ENTRANCE
BASE AGGREGATE DENSE DETAIL



COST OF REMOVAL OF EXCESS MATERIAL IN TAPER AREAS SHALL BE INCIDENTAL TO PULVERIZE AND RELAY



COST OF REMOVAL AND REPLACEMENT OF PULVERIZED ASPHALTIC PAVEMENT SHALL BE INCIDENTAL TO CULVERT INSTALLATION

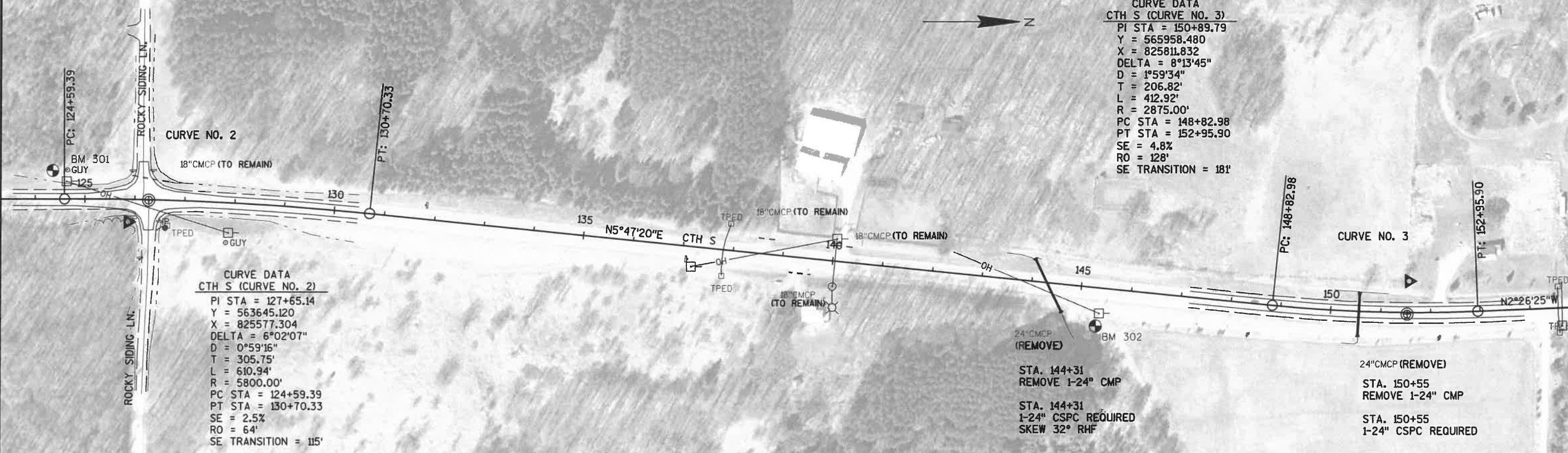
CURVE DATA
CTH S (CURVE NO. 1)
PI STA = 101+85.03
Y = 561057.806
X = 825588.428
DELTA = 35°40'47"
D = 16°36'27"
T = 111.03'
L = 214.84'
R = 345.00'
PC STA = 100+73.99
PT STA = 102+88.84

BEGIN PROJECT
STA. 100+75.00
Y = 560968.654
X = 825653.045



CURVE DATA
CTH S (CURVE NO. 3)
PI STA = 150+89.79
Y = 565958.480
X = 825811.832
DELTA = 8°13'45"
D = 1°59'34"
T = 206.82'
L = 412.92'
R = 2875.00'
PC STA = 148+82.98
PT STA = 152+95.90
SE = 4.8%
RO = 128'
SE TRANSITION = 181'

CURVE DATA
CTH S (CURVE NO. 2)
PI STA = 127+65.14
Y = 563645.120
X = 825577.304
DELTA = 6°02'07"
D = 0°59'16"
T = 305.75'
L = 610.94'
R = 5800.00'
PC STA = 124+59.39
PT STA = 130+70.33
SE = 2.5%
RO = 64'
SE TRANSITION = 115'



PROJECT NO:	HWY: CTH S	COUNTY: FOREST	PLAN	SHEET	E
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STA. 219+75.00 CTH S=
STA. 30+00.00 KEMP LANE
MODIFIED TYPE C INTERSECTION REQ'D.
Y = 572584.063
X = 824296.348

END RECONSTRUCTION
BEGIN PULVERIZE AND RELAY
STA. 221+29.93
Y = 572726.156
X = 824234.601

STA. 225+43
REMOVE 1-60" CMP

STA. 225+11
1-60" CSPC REQUIRED
SKEW 10° LHF

CURVE DATA
KEMP LANE
PI STA = 31+22.32
Y = 572632.493
X = 824408.359
DELTA = 51°19'52"
D = 57°17'45"
T = 48.05'
L = 89.59'
R = 100.00'
PC STA = 30+74.26
PT STA = 31+63.85

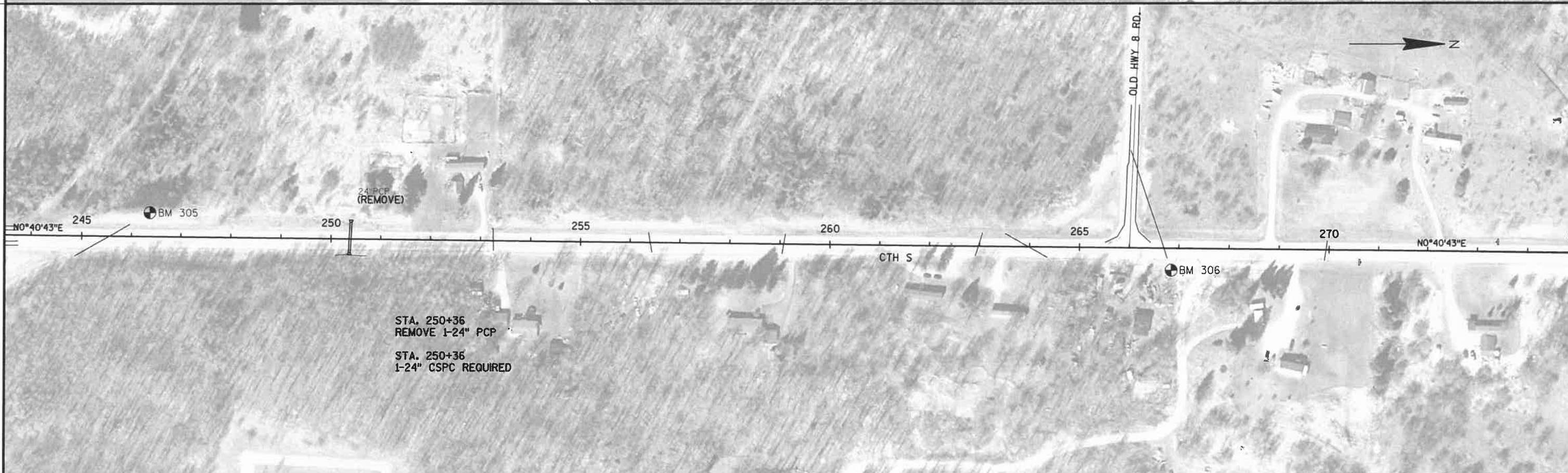
STA. 144+31
REMOVE 1-24" CMP

STA. 144+31
1-24" CSPC REQUIRED
SKEW 32° RHF

CURVE DATA
CTH S (CURVE NO. 9)
PI STA = 238+09.74
Y = 574268.016
X = 823567.951
DELTA = 24°03'39"
D = 3°00'00"
T = 407.01'
L = 802.03'
R = 1909.86'
PC STA = 234+02.73
PT STA = 242+04.75
SE = 5.5%
RO = 147'
SE TRANSITION = 200'

STA. 250+36
REMOVE 1-24" PCP

STA. 250+36
1-24" CSPC REQUIRED





CURVE DATA
CTH S (CURVE NO. 10)
PI STA = 343+80.91
Y = 584850.447
X = 823693.312
DELTA = 6°14'11"
D = 1°00'00"
T = 312.12'
L = 623.62'
R = 5729.28'
PC STA = 340+68.80
PT STA = 346+92.41
SE = 2.7%
RO = 72'
SE TRANSITION = 125'

24"CMCP (REMOVE)

STA. 335+96
REMOVE 1-24" CMP

STA. 335+96
1-24" CSPC REQUIRED

CURVE NO. 10

PT: 346+92.41

PC: 340+68.80

CTH S

24"PCP (REMOVE)

STA. 357+09
REMOVE 1-24" CMP

STA. 357+09
1-24" CSPC REQUIRED

END PULVERIZE AND RELAY
BEGIN MILL AND OVERLAY
STA. 377+50
Y = 588204.310
X = 823366.957

STA. 365+57
REMOVE 1-24" PCP

STA. 365+57
1-24" CSPC REQUIRED

24"PCP (REMOVE)

BENNET LN.

CTH S

N5°33'28"W

CURVE NO. 11

PC: 392+44.70

24"CMCP (TO REMAIN)

CURVE DATA
CTH S (CURVE NO. 11)
PI STA = 395+42.15
Y = 589988.035
X = 823193.388
DELTA = 1°29'14"
D = 0°15'00"
T = 297.45'
L = 594.87'
R = 22918.30'
PC STA = 392+44.70
PT STA = 398+39.57
SE = NC

PROJECT NO:

HWY: CTH S

COUNTY: FOREST

PLAN

SHEET

E

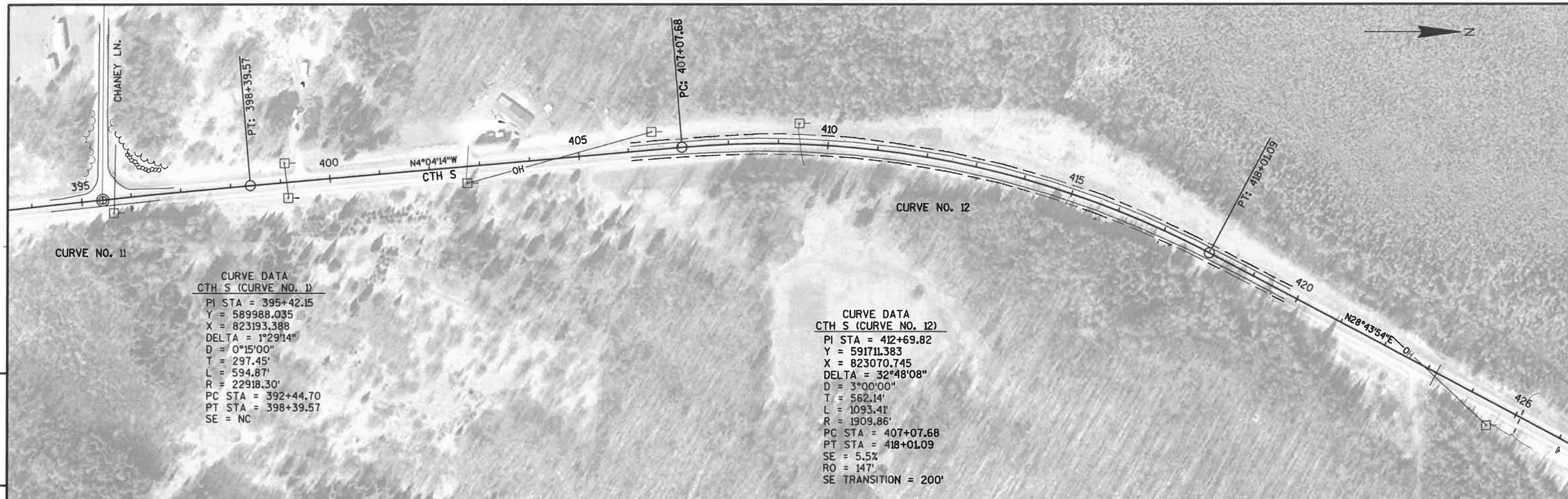
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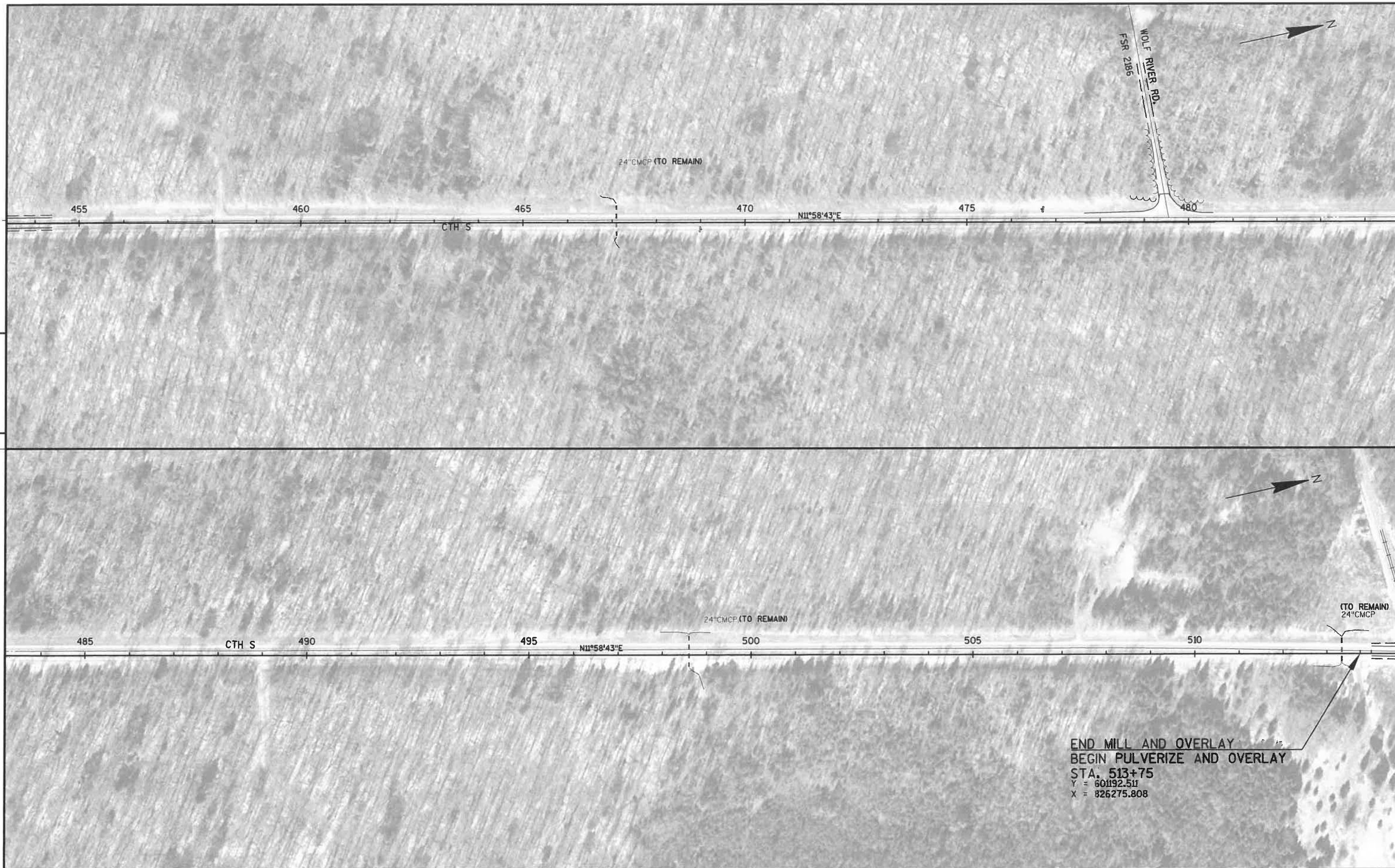
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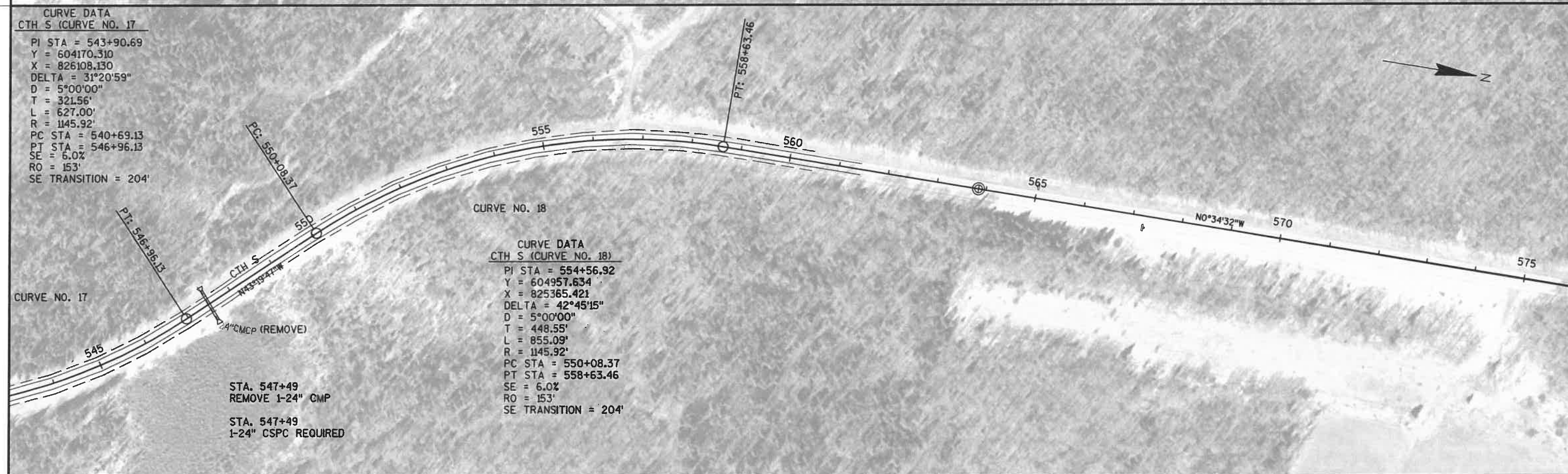
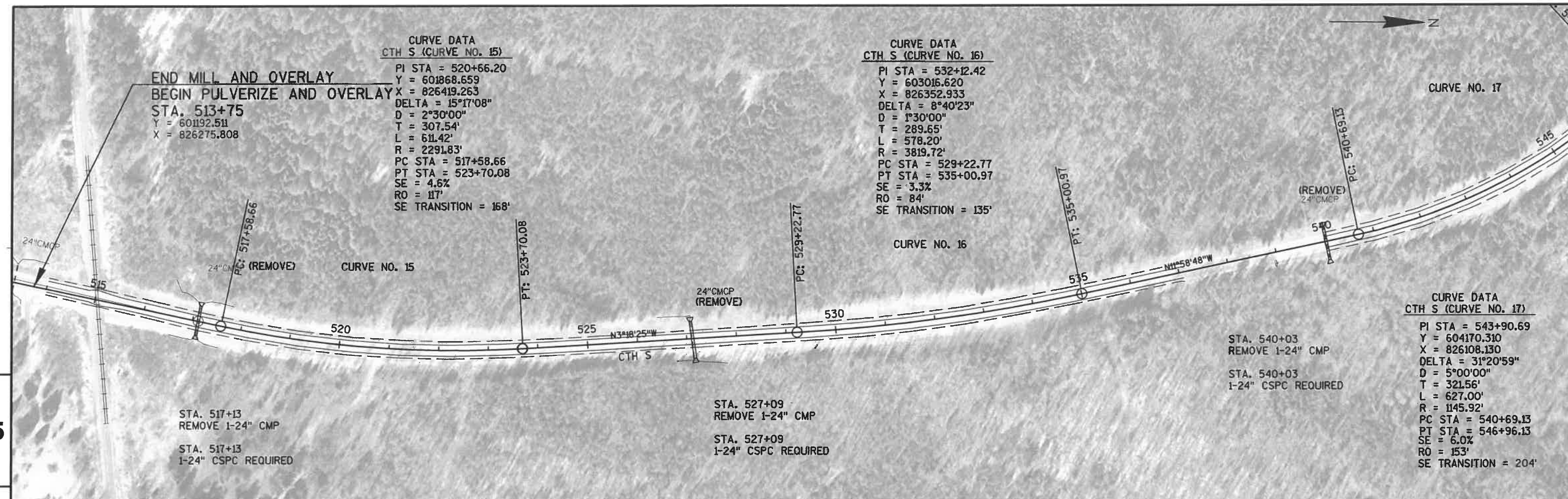
PLOT BY : SOUFAL, KEVIN

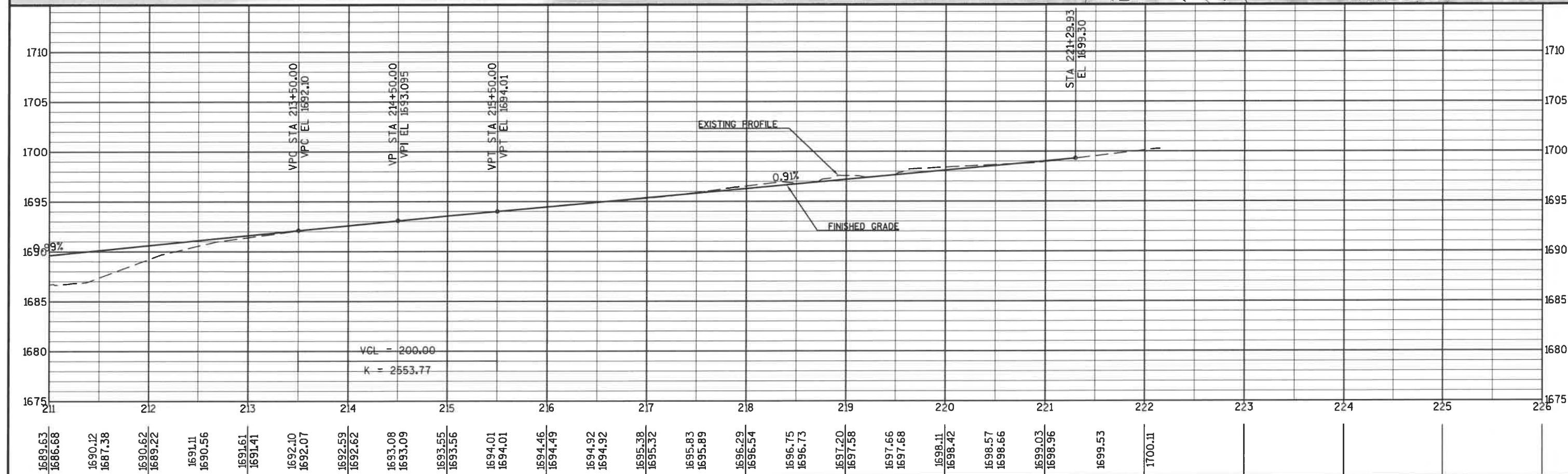
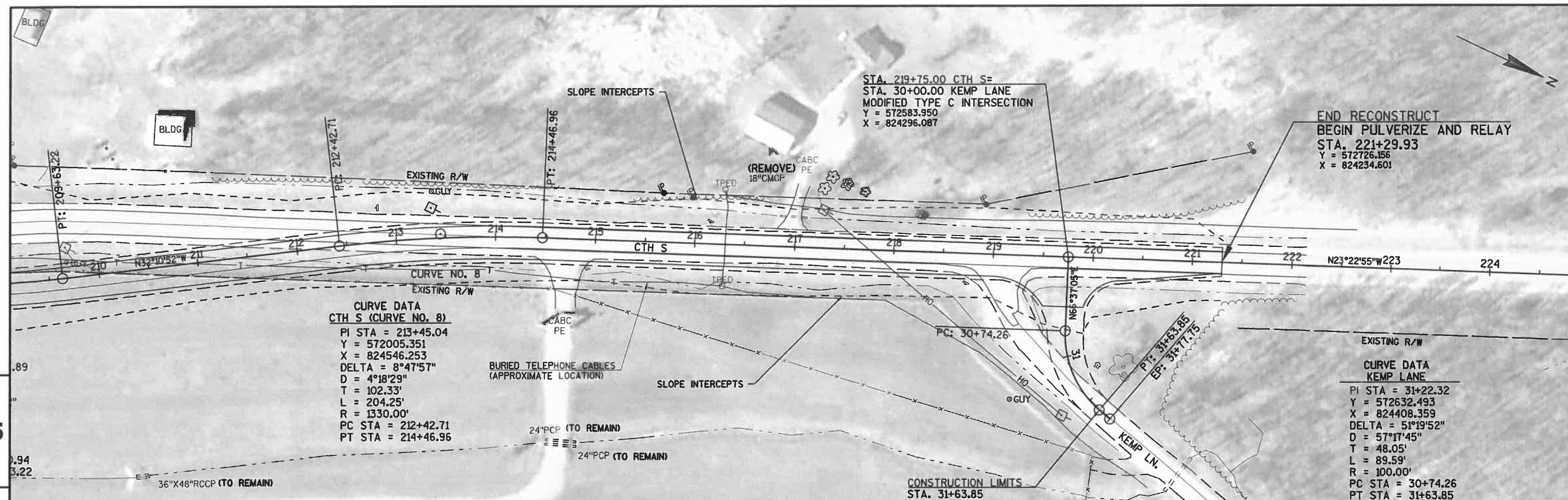
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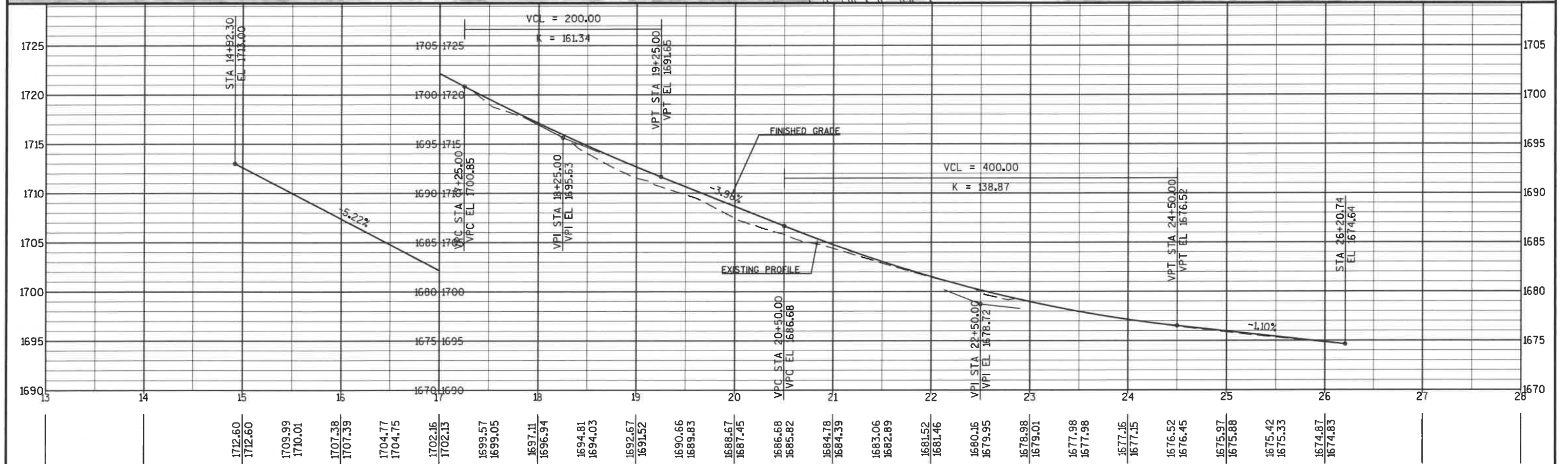
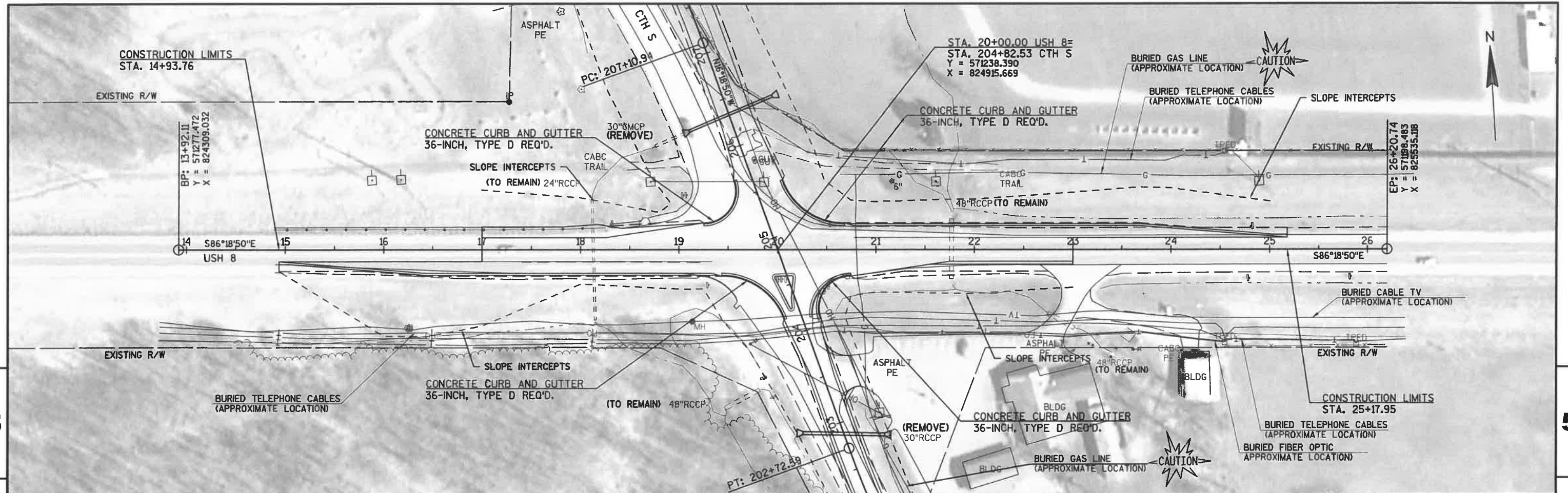
WISDOT/CADDs SHEET 44

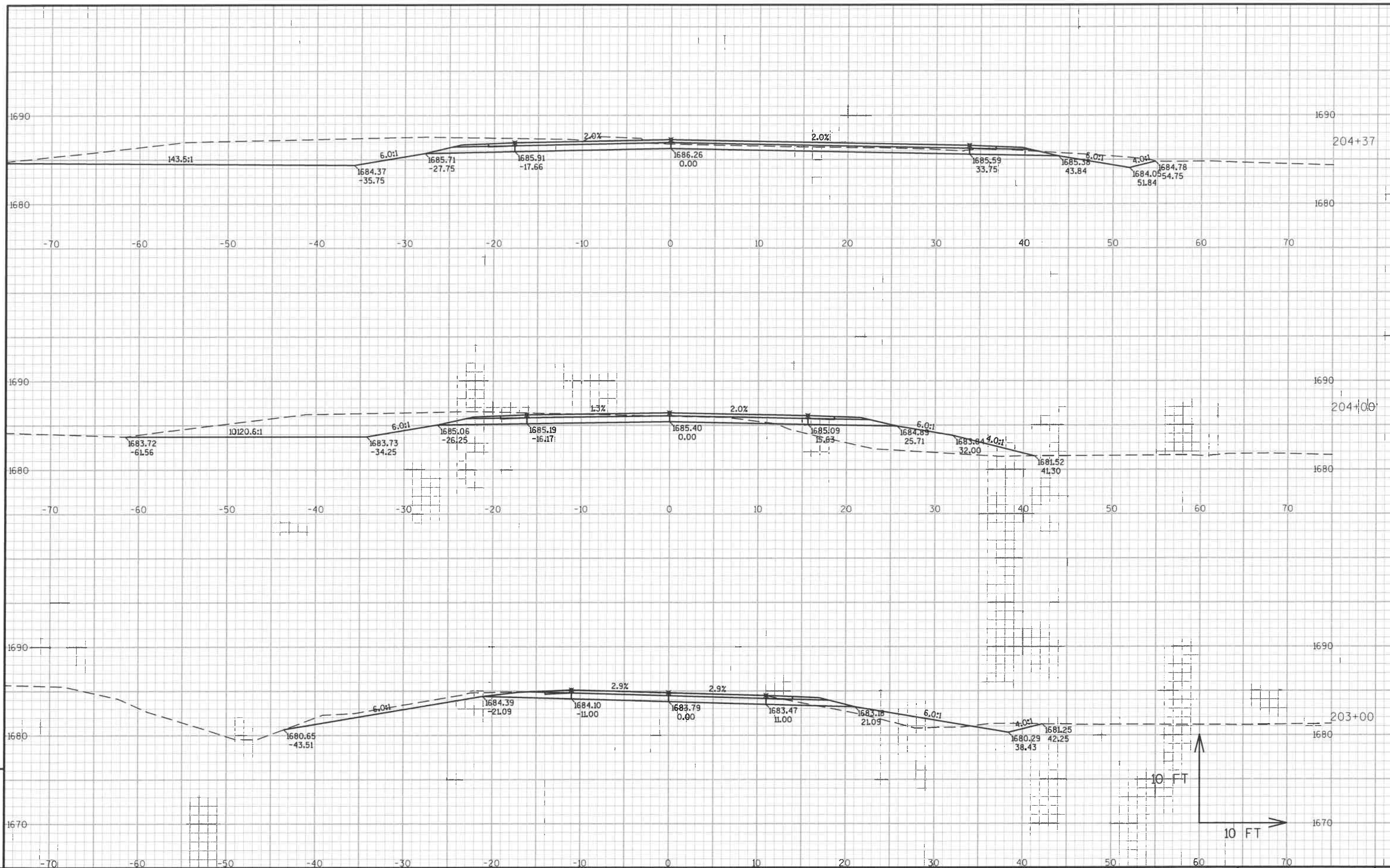












PROJECT NO:XXXX-XX-XX

HWY:CTH S

COUNTY:FOREST

CROSS SECTIONS: CTH S

SHEET

E

FILE NAME : N:\C3D\45038700\DESIGN\CORRIDORS\450387_COR.DWG
LAYOUT NAME - SECTION SHEET - (2)

PLOT DATE : 5/12/2015 9:14 AM

PLOT BY : DANA, ANDY

PLOT NAME :

PLOT SCALE : 1 IN:10 FT

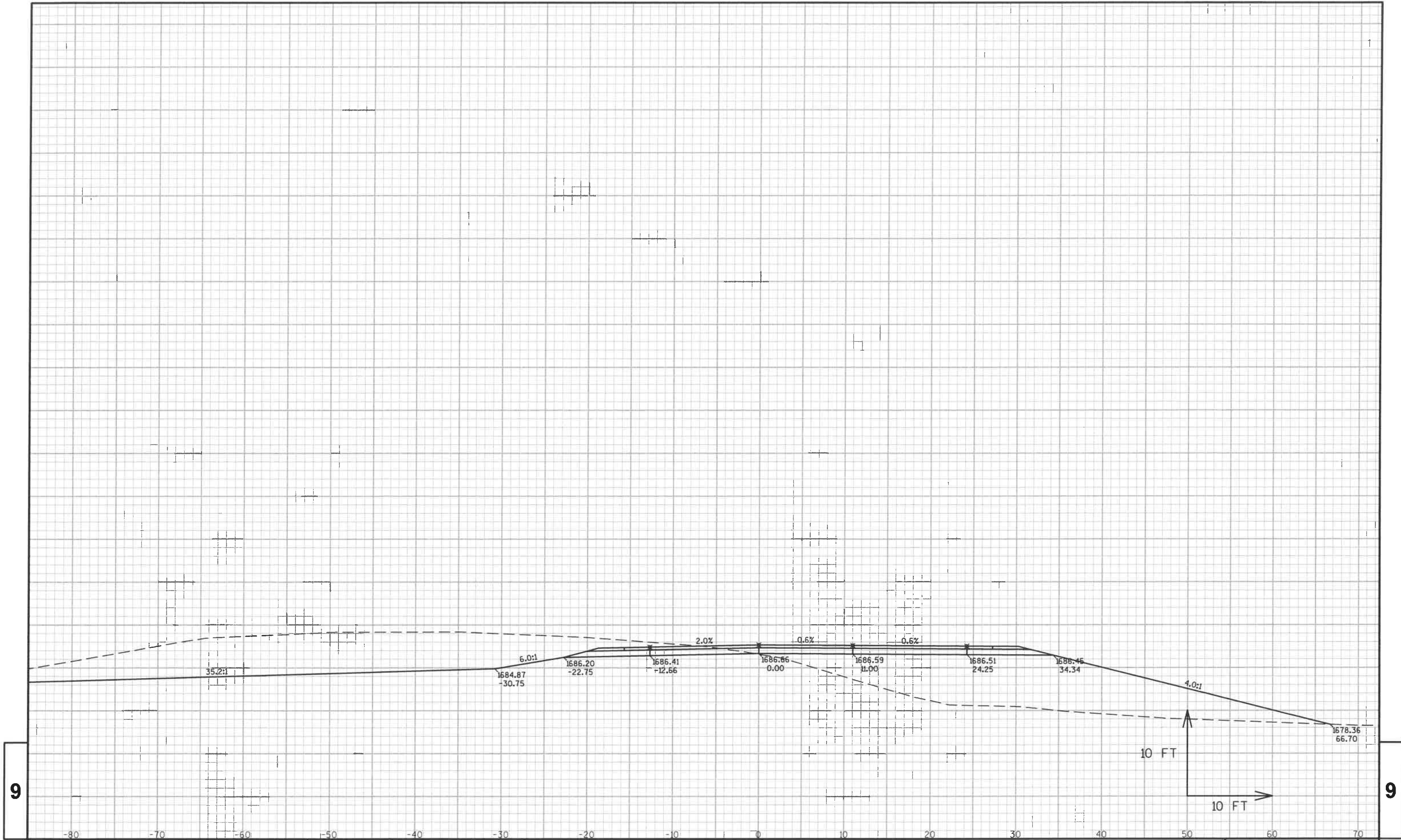
WISDOT/CADDs SHEET 49



9

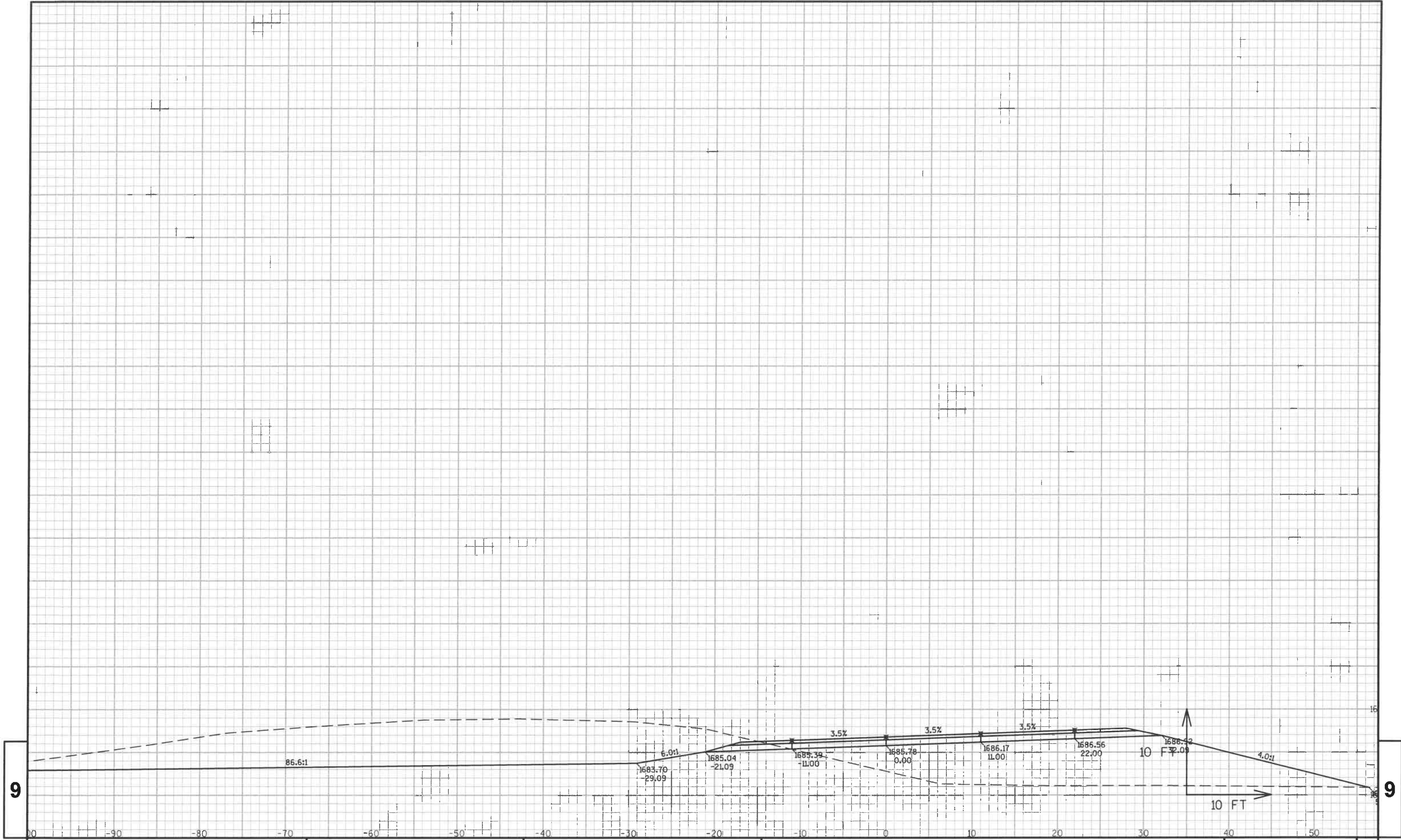
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PROJECT NO: XXXX-XX-XX	HWY: CTH S	COUNTY: FOREST	CROSS SECTIONS: CTH S	SHEET	E
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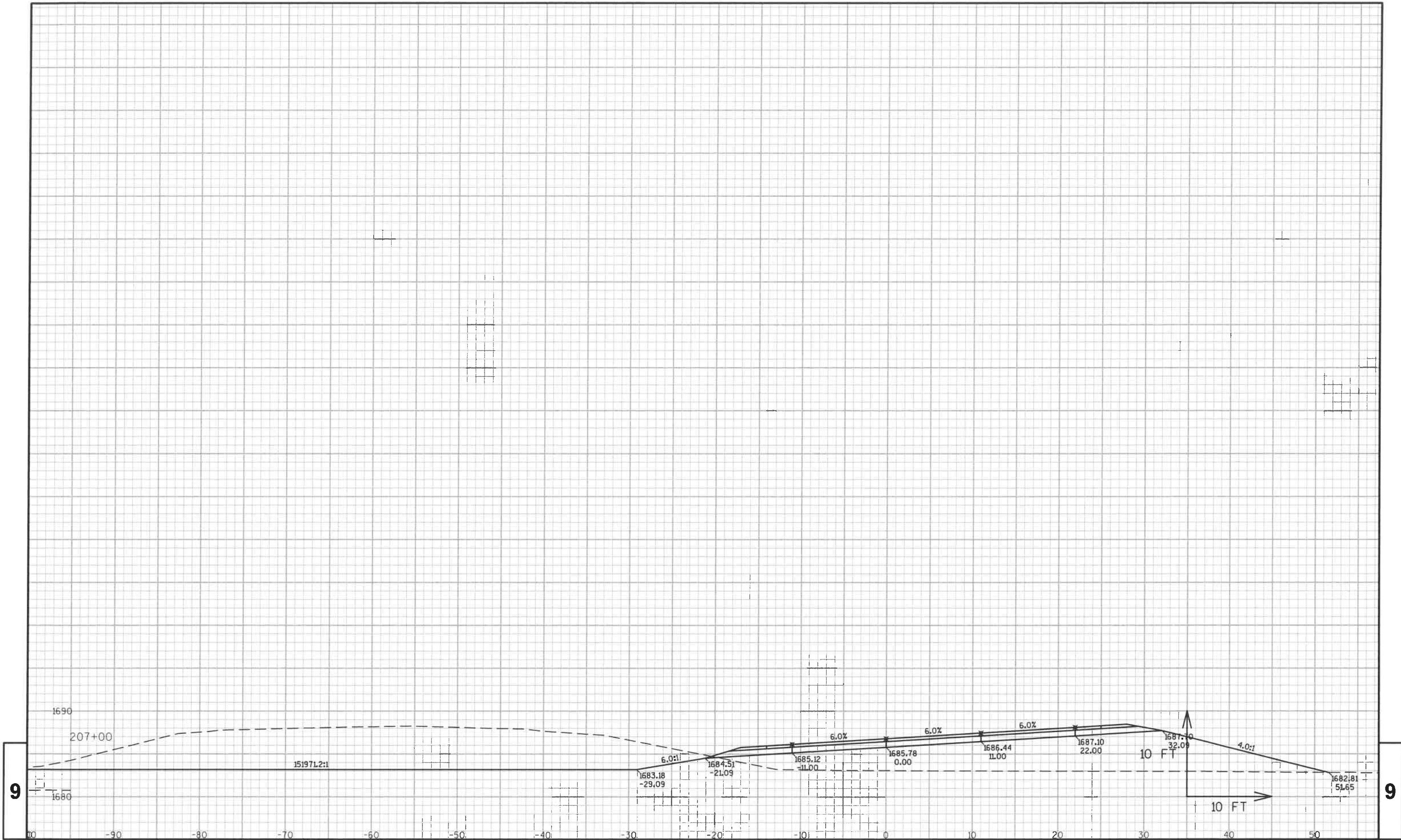
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9

PROJECT NO: XXXX-XX-XX	HWY: CTH S	COUNTY: FOREST	CROSS SECTIONS: CTH S	SHEET	E
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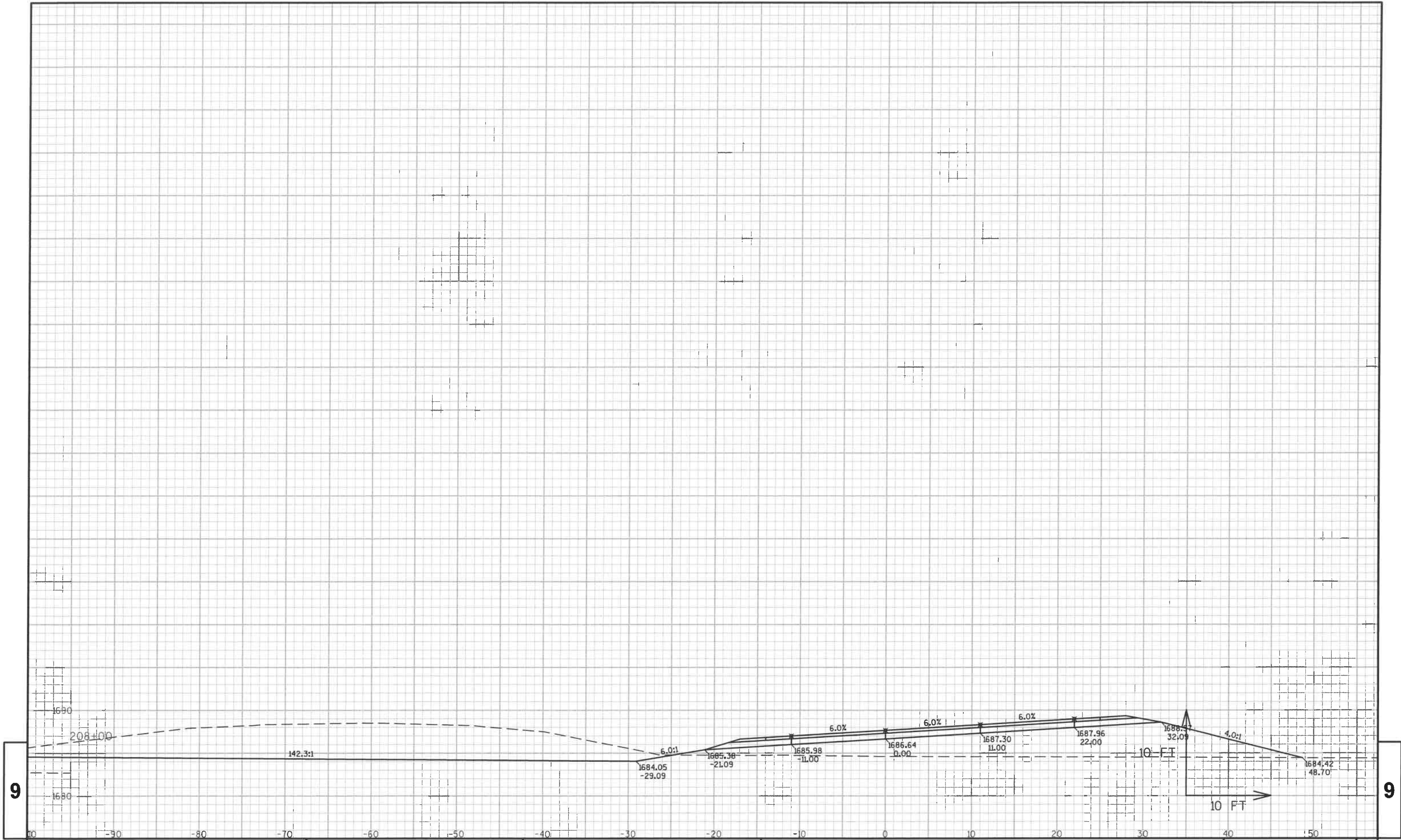


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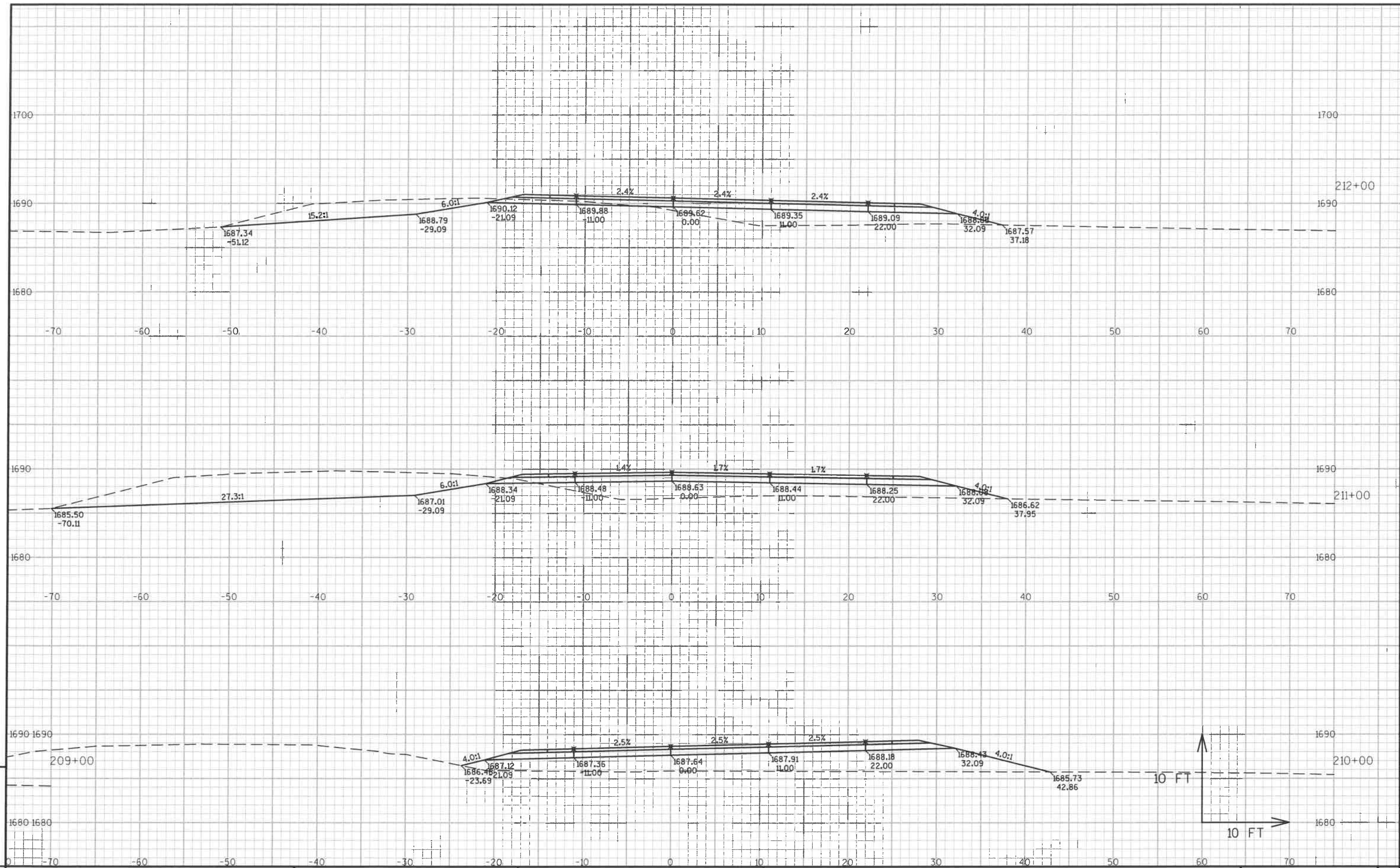
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PROJECT NO: XXXX-XX-XX	HWY: CTH S	COUNTY: FOREST	CROSS SECTIONS: CTH S	SHEET	E
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LAYOUT NAME - SECTION SHEET - (7)
PLOT DATE : 5/12/2015 9:14 AM
PLOT BY : DANA, ANDY
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDs SHEET 49



9	1680 142.3:1 1684.05 -29.09 6.0:1 1685.38 -21.09 1685.98 -11.00 1686.64 0.00 11.00 22.00 10 FT 1684.42 48.70 10 FT															9
	00	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	

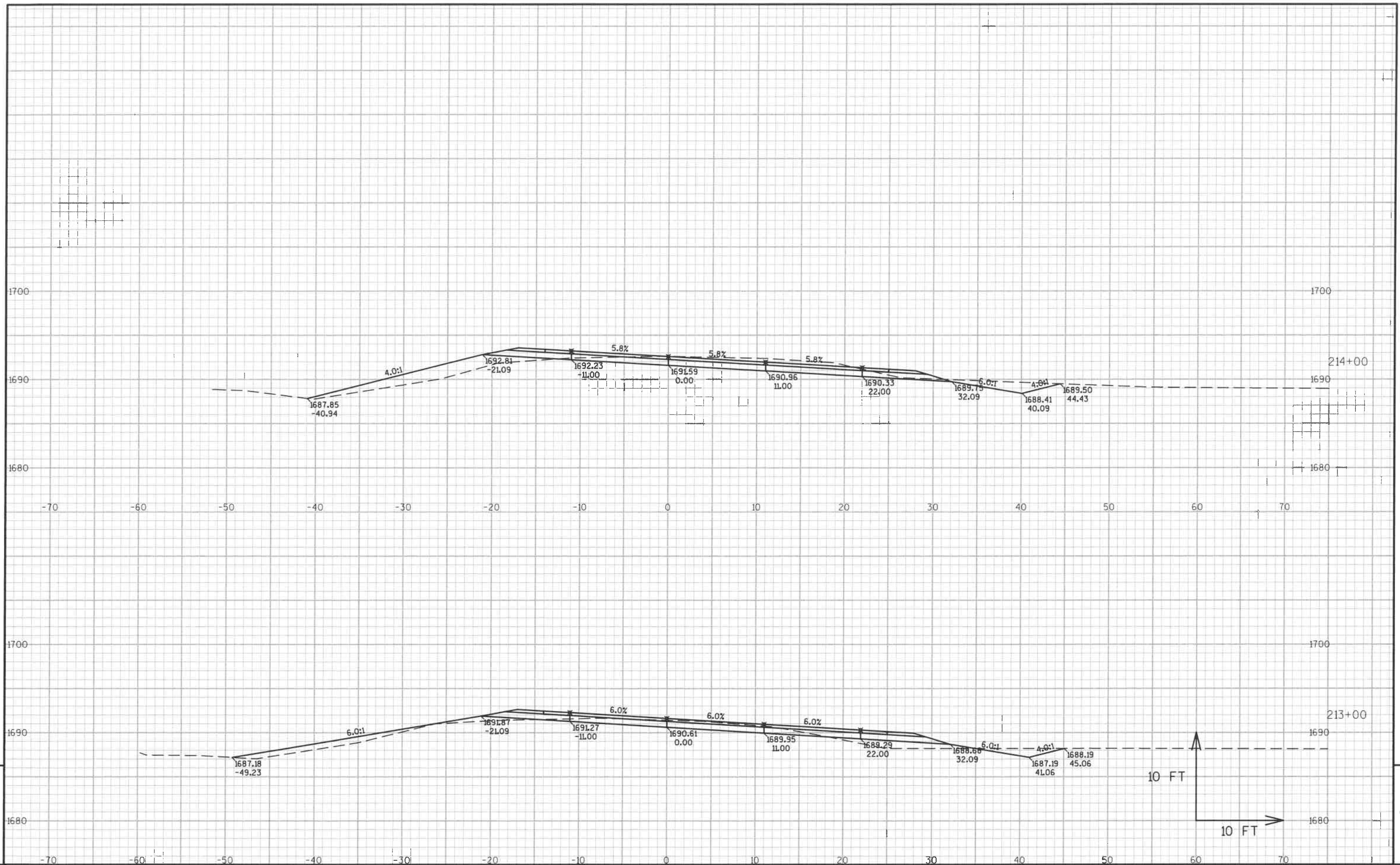


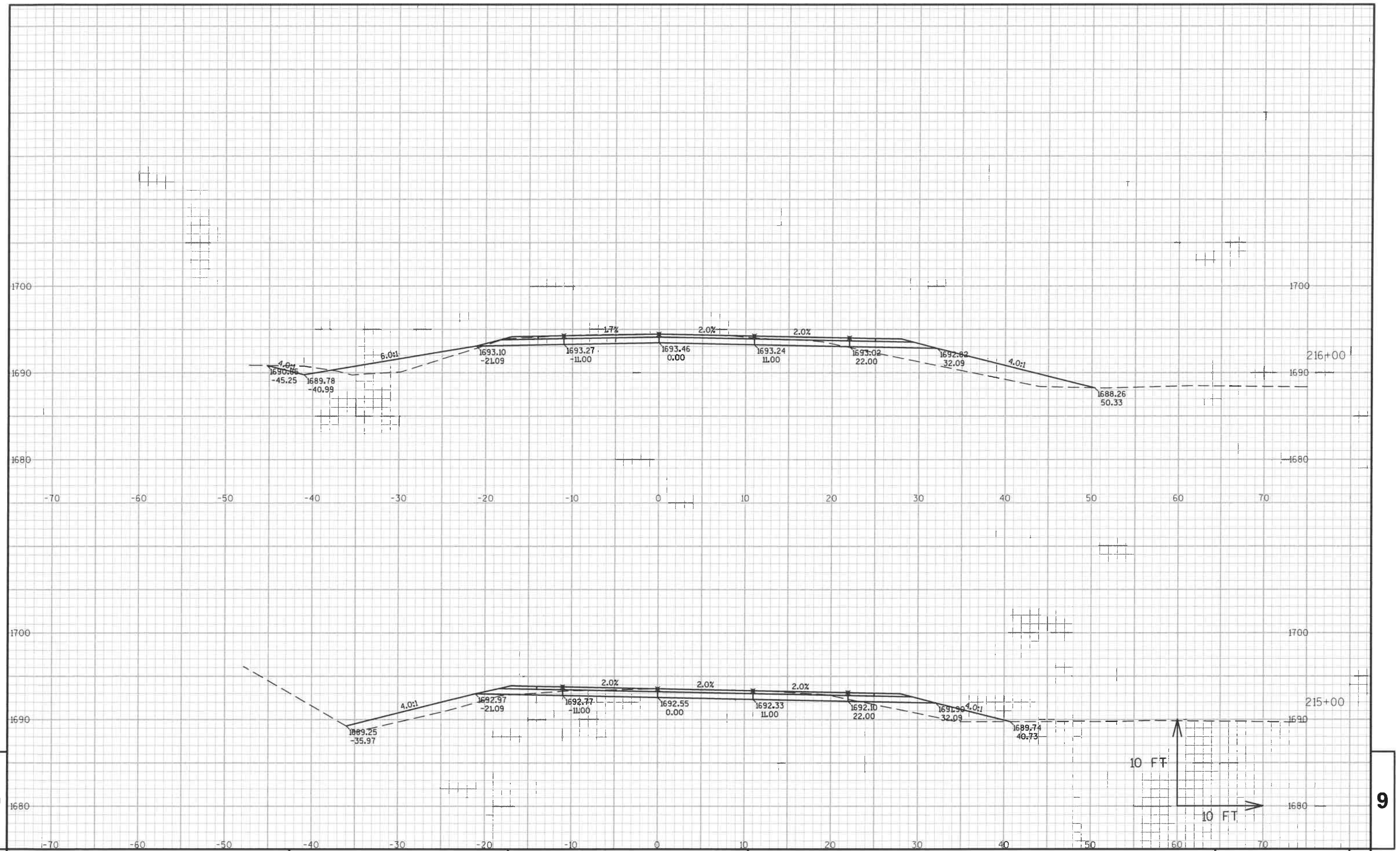
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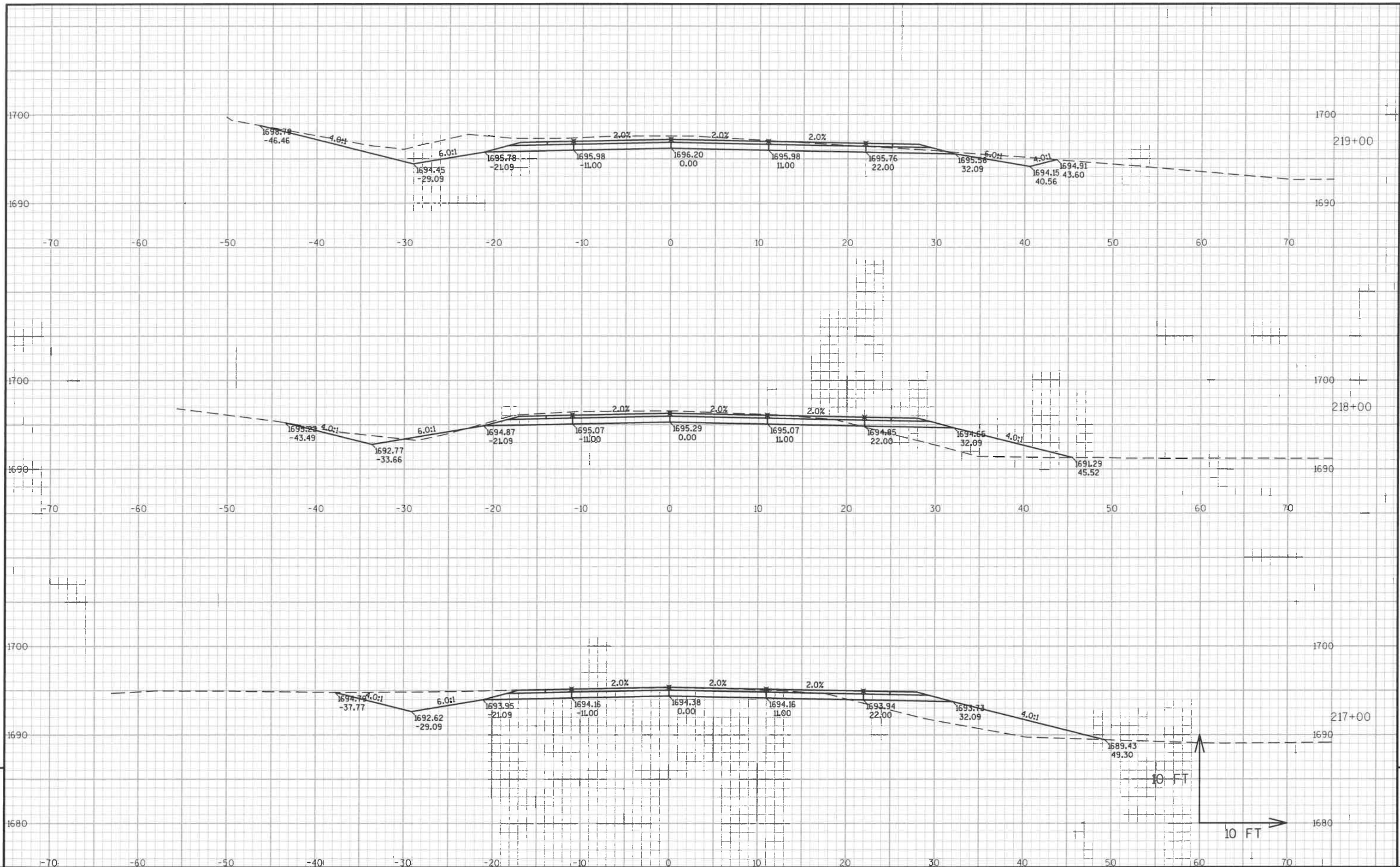
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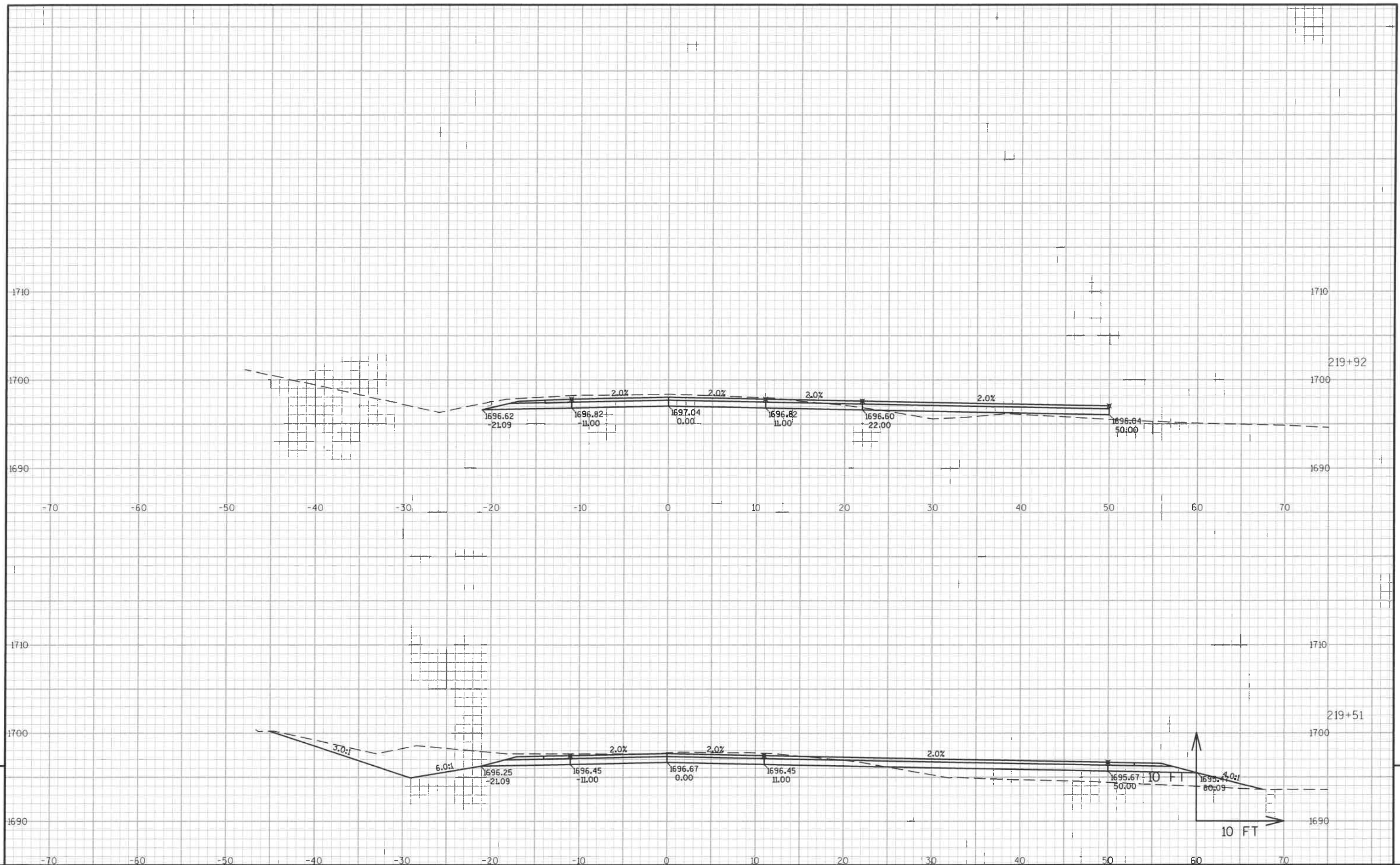
PROJECT NO: XXXX-XX-XX	HWY: CTH S	COUNTY: FOREST	CROSS SECTIONS: CTH S	SHEET	E
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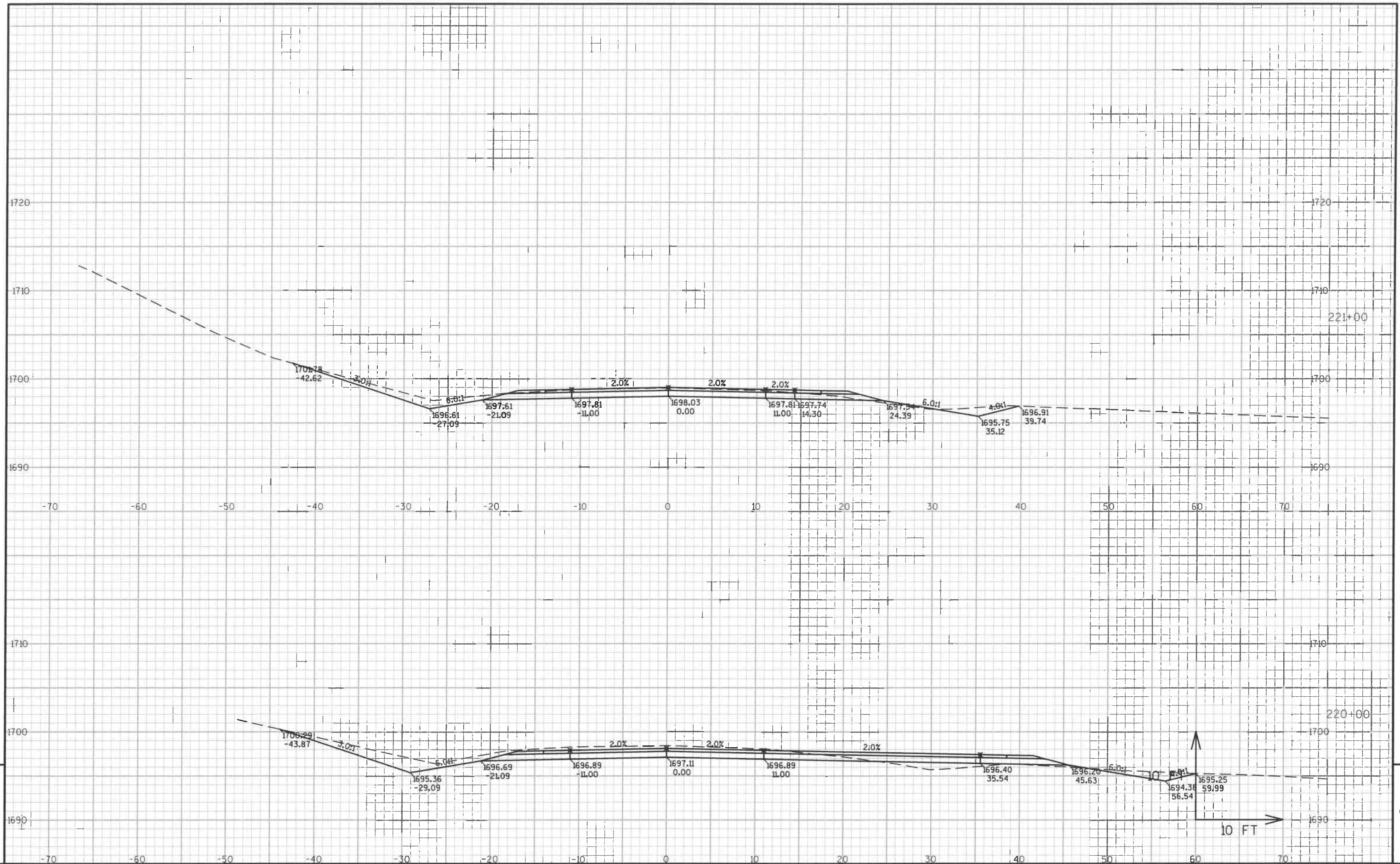
FILE NAME : N:\C3D\45038700\DESIGN\CORRIDORS\450387_COR.DWG PLOT DATE : 5/12/2015 9:14 AM PLOT BY : DANA, ANDY PLOT NAME : PLOT SCALE : 1 IN:10 FT WISDOT/CADDs SHEET 49

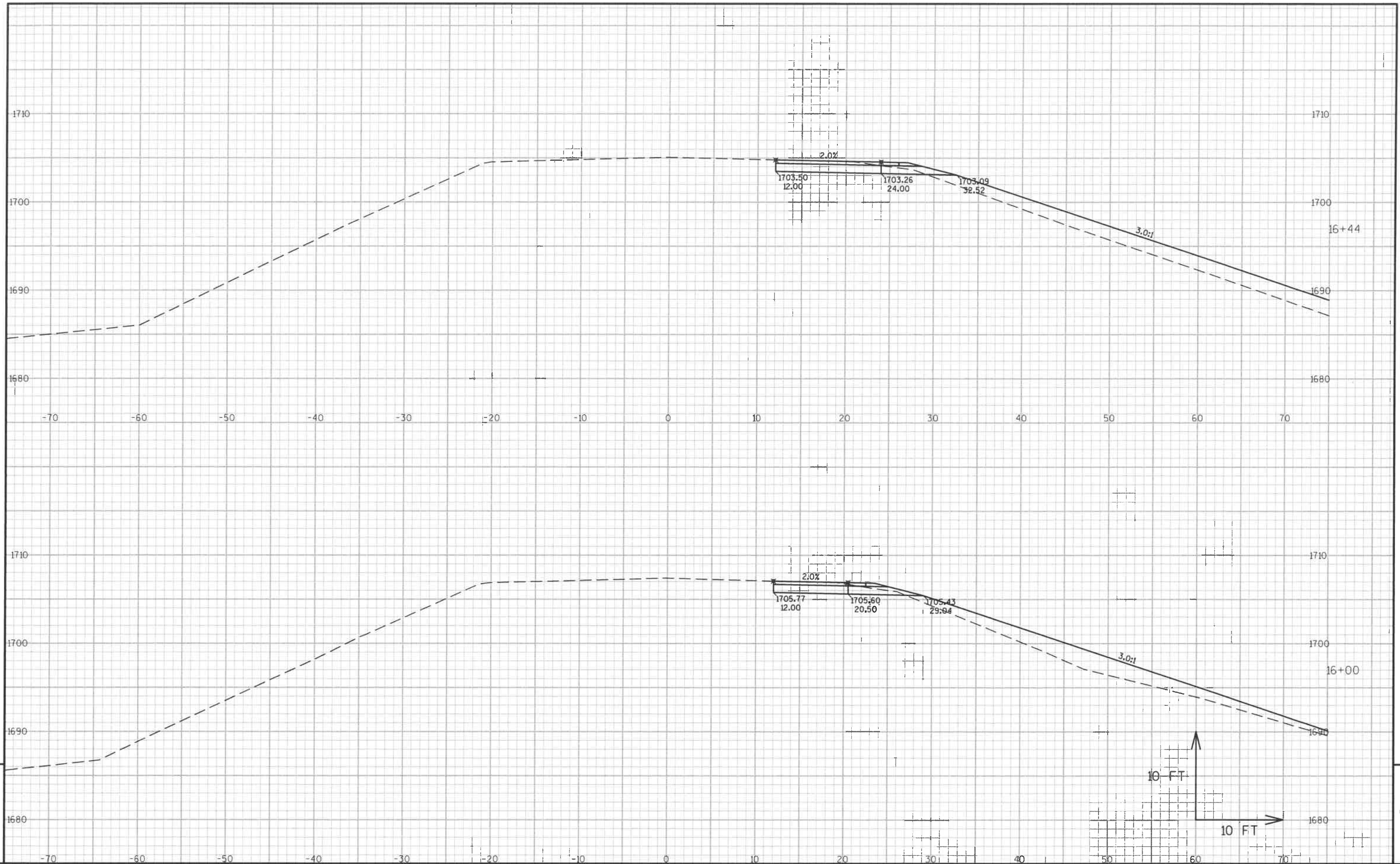


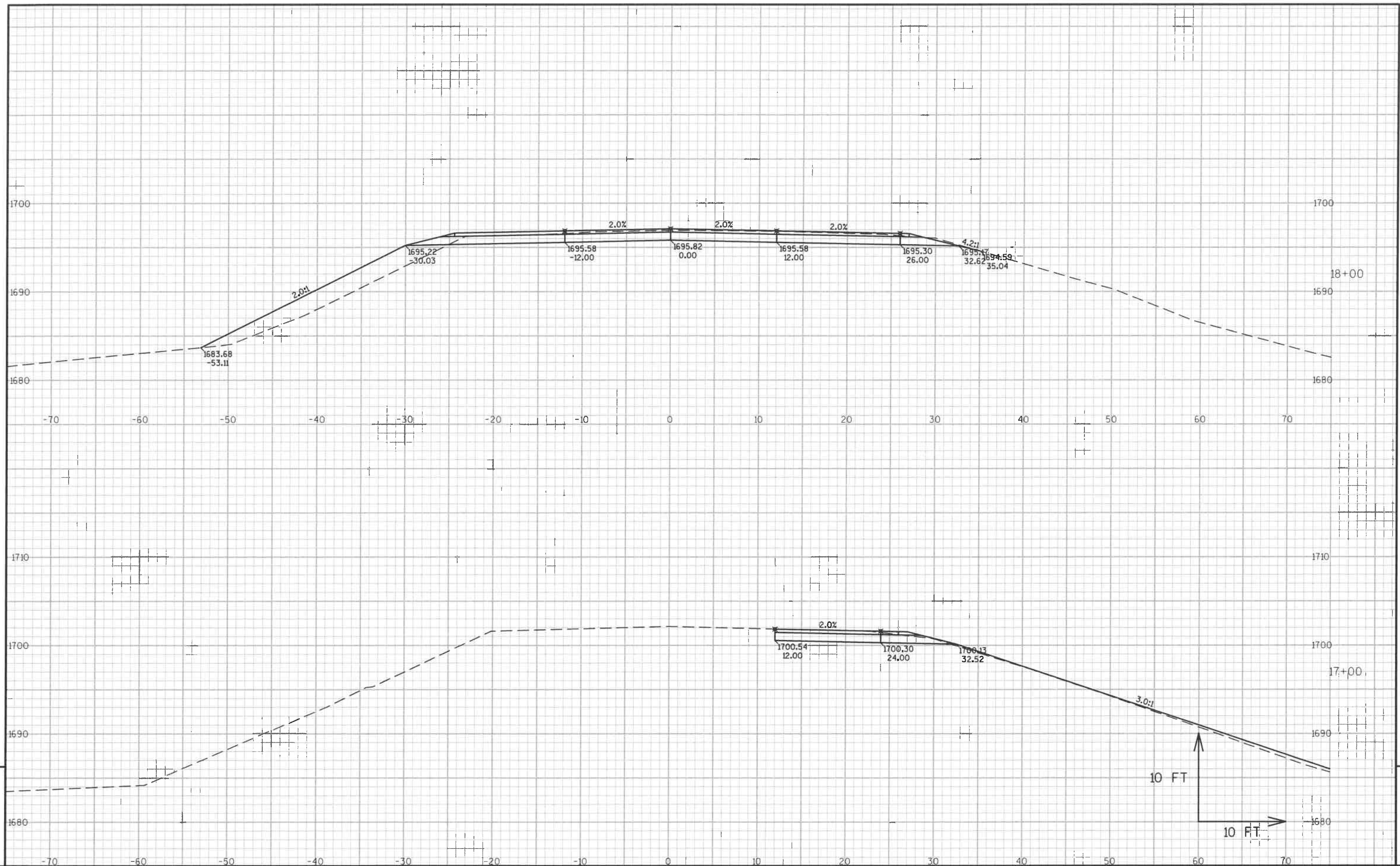


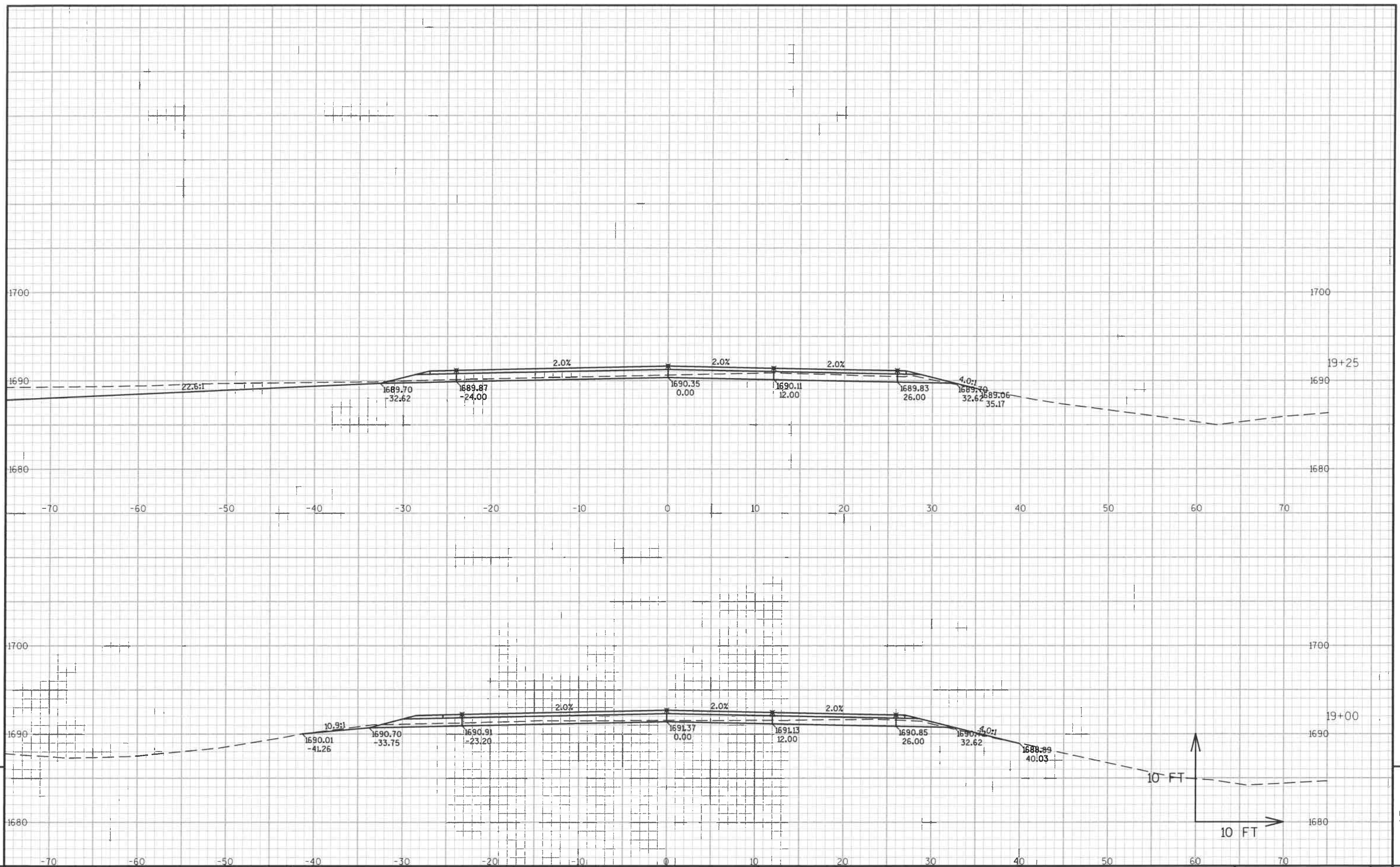




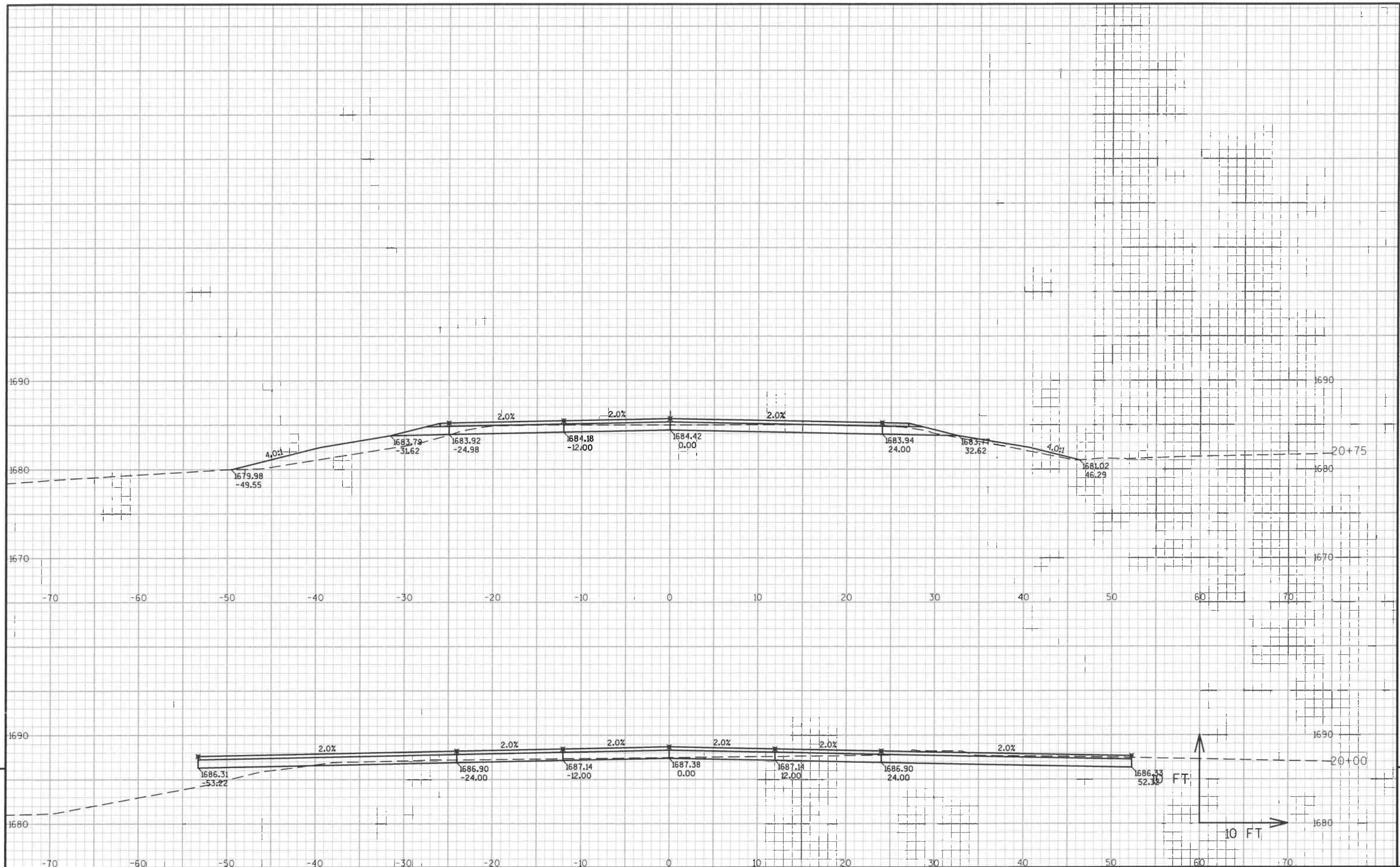








PROJECT NO: XXXX-XX-XX	HWY: CTH S	COUNTY: FOREST	CROSS SECTIONS: USH 8	SHEET	E
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PROJECT NO:XXXX-XX-XX

HWY: CTH S

COUNTY: FOREST

CROSS SECTIONS: USH 8

SHEET

E

FILE NAME : N:\C3D\45038700\DESIGN\CORRIDORS\450387_COR.DWG
LAYOUT NAME - SECTION - USH 8- (4)

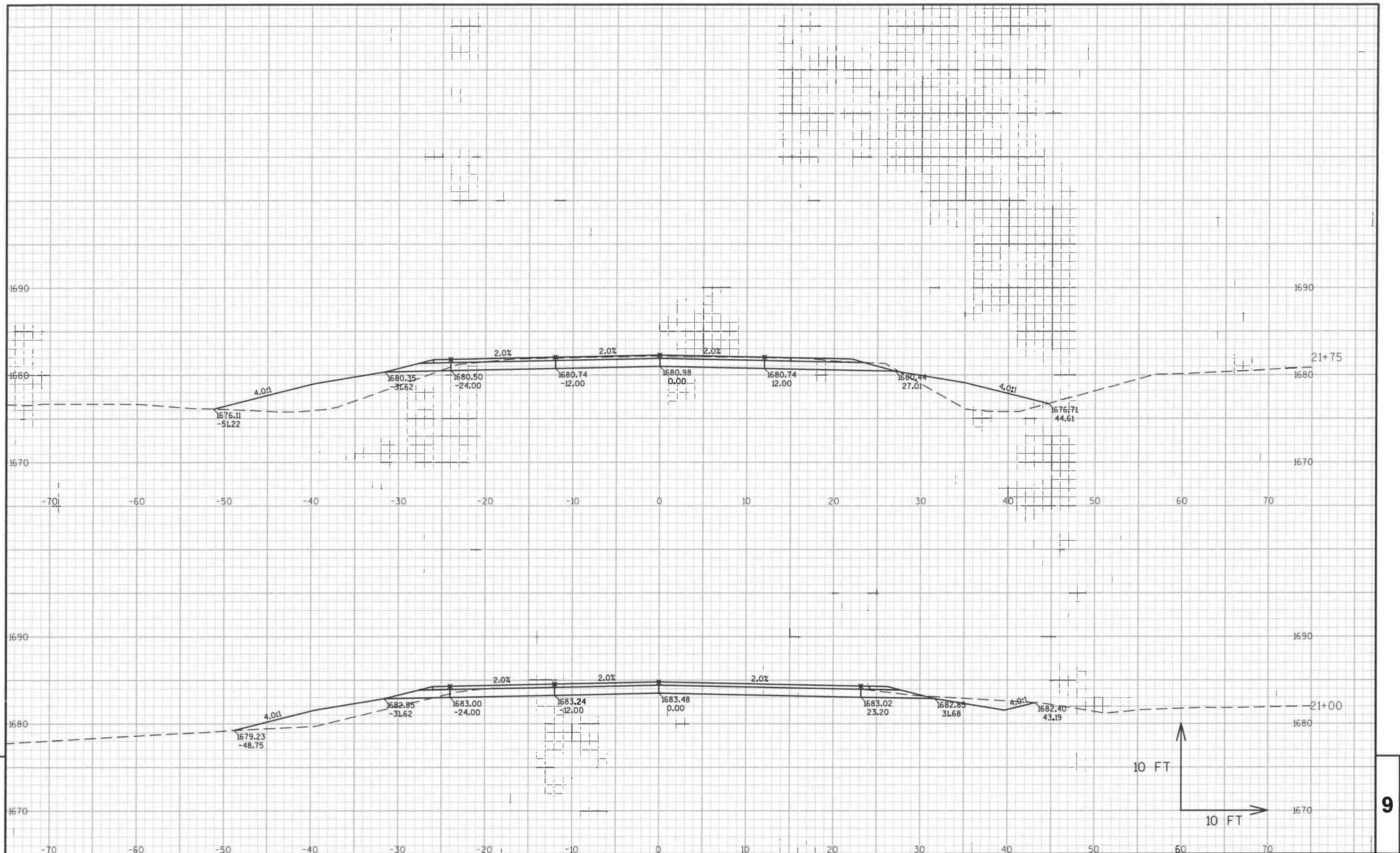
PLOT DATE : 5/12/2015 10:06 AM

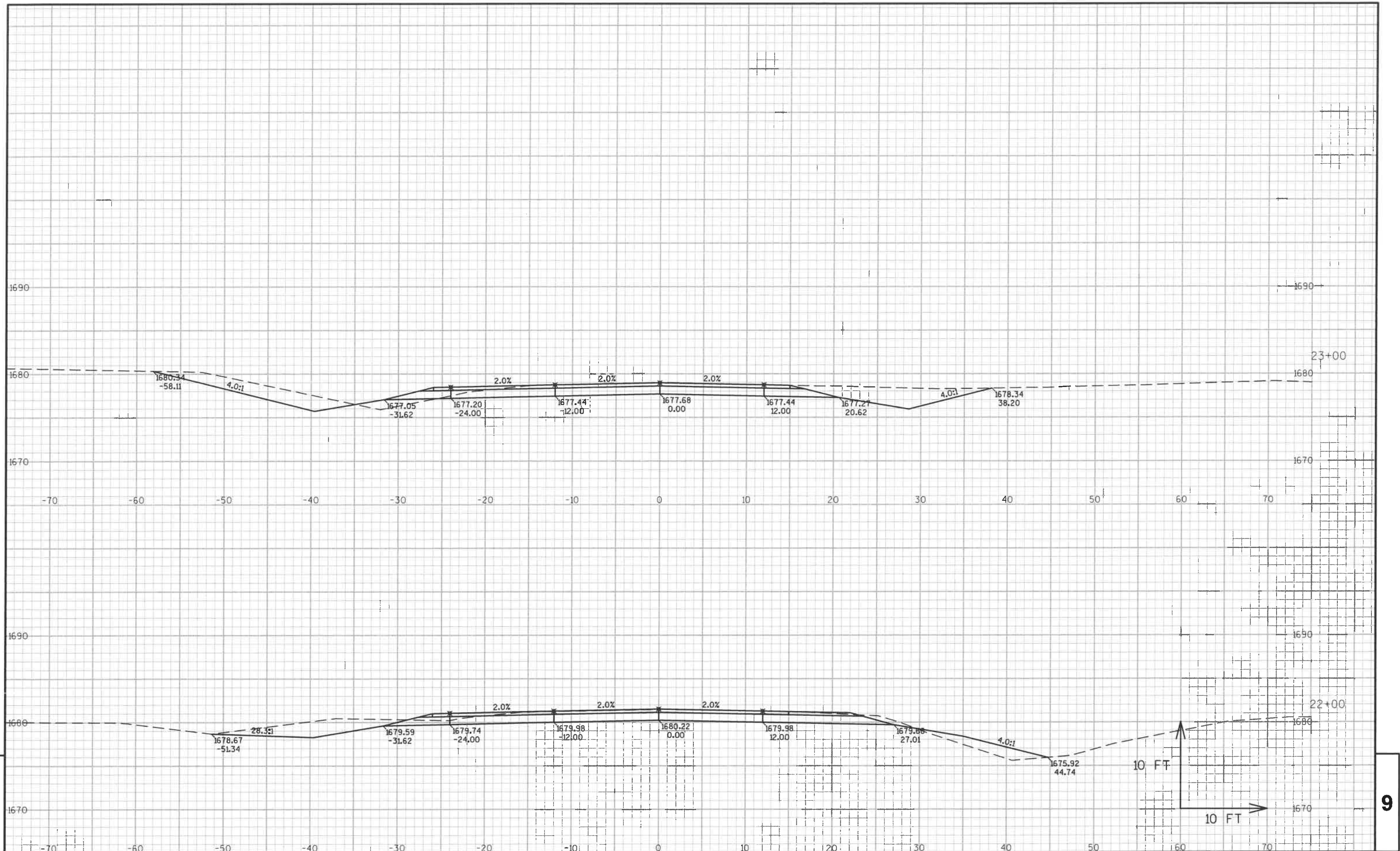
PLOT BY : DANA, ANDY

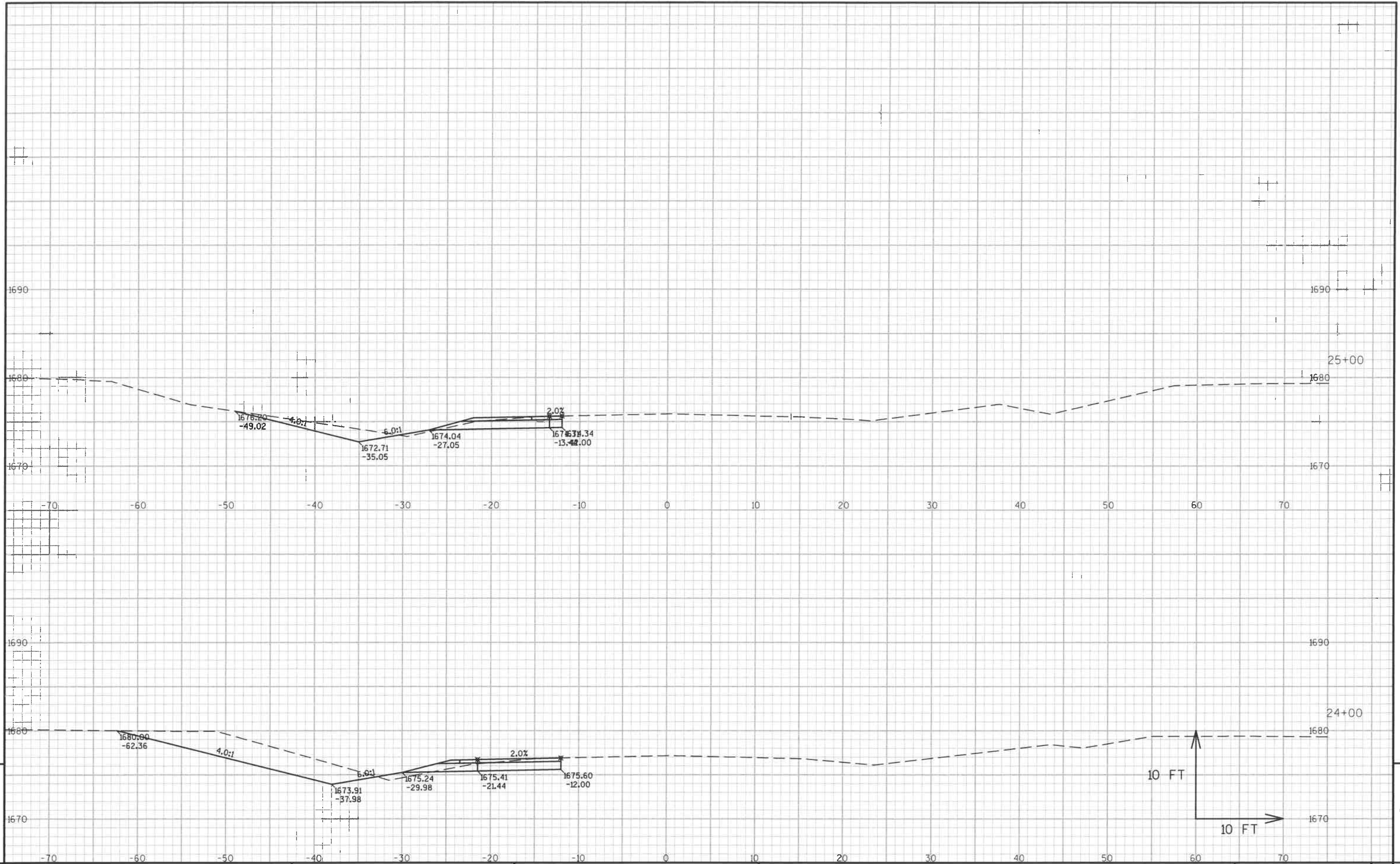
PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDs SHEET 49







9

9

PROJECT NO: XXXX-XX-XX HWY: CTH S COUNTY: FOREST CROSS SECTIONS: USH 8 SHEET E

FILE NAME : N:\C3D\45038700\DESIGN\CORRIDORS\450387_COR.DWG PLOT DATE : 5/12/2015 10:06 AM PLOT BY : DANA, ANDY PLOT NAME : LAYOUT NAME - SECTION - USH 8- (7) WISDOT/CADD SHEET 49