EAU | DECEMBER 2024

PROJECT ID: 7026-00-71

WITH: N/A

COUNTY: JACKSON

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 = 336



32

N

DESIGN DESIGNATION 7026-00-71

A.A.D.T.	(2025)	=	540
A.A.D.T.	(2045)	=	590
D.H.V.		=	79
D.D.		=	62/38
T.		=	10.1% (ESTIMATED)
DESIGN SPEED		=	50 MPH
ESALS		=	140,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STH 54 - TAYLOR

CTH C TO RABBIT RUN ROAD

CTH N

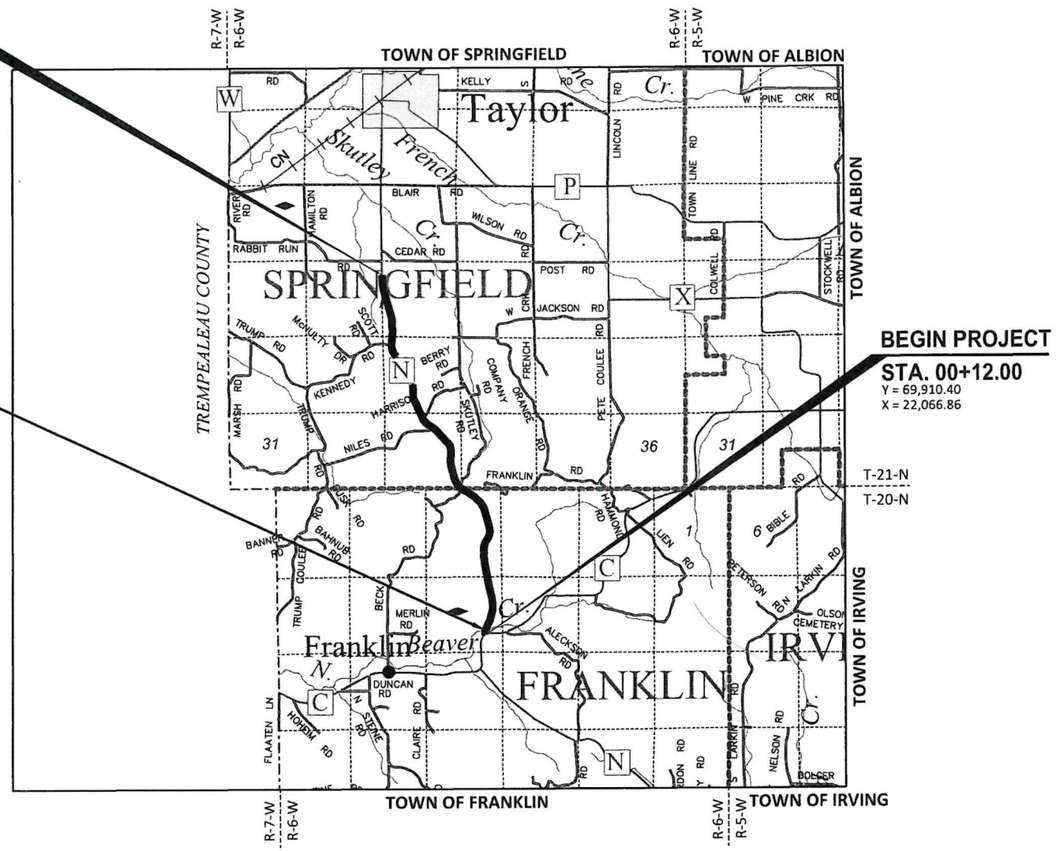
JACKSON COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7026-00-71	WISC 2025123	1

STATE PROJECT NUMBER

7026-00-71

END PROJECT
STA. 278+15.00



NET EXCEPTION TO CL LENGTH
STA. 3+29.83 - STA. 3+75.13

BEGIN PROJECT
STA. 00+12.00
Y = 69,910.40
X = 22,066.86

LAYOUT

SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 5.257 MILES

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

ELEVATION SHOWN ON THIS PLAN ARE REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88 (2012).

ACCEPTED FOR

COUNTY of JACKSON

7-25-2024 (Date) Jay Bonk (Highway Commissioner)

ORIGINAL PLANS PREPARED BY

JEWELL associates engineers, inc
Engineers - Architects - Surveyors

WISCONSIN
DANIEL J. GERLING
E-45025
EAU CLAIRE WIS.
7/25/24
PROFESSIONAL ENGINEER

DATE: 7/25/24 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JEWELL ASSOCIATES ENGINEERS, INC.
Designer	JEWELL ASSOCIATES ENGINEERS, INC.
Project Manager	TOU YANG, P.E.
Regional Examiner	WISDOT NW REGION
Regional Supervisor	TOU YANG, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 7/25/2024 (Signature)

E

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO "DIGGERS HOTLINE" AND /OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA.

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE FIRST BEEN INDICATED FOR REMOVAL BY THE ENGINEER IN THE FIELD.

WHEN THE QUANTITY OF THE ITEM OF BASE AGGREGATE DENSE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT APPROXIMATE LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S EROSION CONTROL IMPLEMENTATION PLAN (ECIP) AND APPROVED BY THE ENGINEER. MAINTAIN EROSION CONTROL MEASURES UNTIL SUCH A TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

THE EXACT LOCATION OF PRIVATE, FIELD, AND COMMERCIAL ENTRANCES TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

EXISTING DRIVEWAYS SHALL BE RESTORED IN KIND AND THEIR LOCATION VERIFIED BY THE ENGINEER IN THE FIELD.

HMA PAVEMENT QUANTITIES WERE CALCULATED USING 112 LB/SY-IN.

PAVING LIMITS AT INTERSECTIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

APPLY TACK COAT AT A RATE OF 0.05 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, ALL SIGNS RELATING TO THIS OPERATION SHALL BE COVERED OR REMOVED AND FACILITY RESTORED TO NORMAL OPERATING CONDITIONS.

IF THERE ARE CONFLICTS WITH SIGNS OR OTHER WORK UNDER THIS PROJECT, THE CONTRACTOR SHALL WORK AROUND THE UTILITY FACILITIES.

CURVE DATA IS BASED ON THE ARC DEFINITION.

THE LOCATION OF ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD PRIOR TO PLACEMENT.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING , TURNING, BIKE, OR PASSING LANE.

PRIOR TO PLACEMENT OF BEAM GUARD THE SHOULDERS SHALL BE IN PLACE, SHAPED, AND COMPACTED.

THE CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY CONSTRUCTION OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

DO NOT DRIVE OR STORE EQUIPMENT, OR STORE CONSTRUCTION MATERIALS IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS OR WATERWAYS.

ORDER OF SECTION 2 SHEETS:

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- EROSION CONTROL PLAN
- PAVING DETAILS
- PERMANENT SIGNING PLAN
- TRAFFIC CONTROL
- ALIGNMENT LAYOUT & TIES

CONTACTS

DESIGN CONSULTANT

JEWELL ASSOCIATES ENGINEERS, INC.
3406 OAKWOOD HILLS PARKWAY, SUITE 300
EAU CLAIRE, WI 54701
ATTN: DAN GERLING, P.E.
PH: (715) 900-2602
EMAIL: daniel.gerling@jewellassoc.com

JACKSON COUNTY HIGHWAY DEPARTMENT

JAY BOREK, COMMISSIONER
119 HARRISON STREET
BLACK RIVER FALLS, WI 54615
PH: (715) 284-0233
EMAIL: jay.borek@jacksoncountywi.gov

WISDOT LOCAL PROGRAM PROJECT MANAGER

718 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
ATTN: TOU YANG, P.E.
PH: (715) 833-5570
EMAIL: tou.yang@dot.wi.gov

WDNR LIAISON

STATE OF WISCONSIN
BLACK RIVER FALLS DNR SERVICE CENTER
910 HWY 54 E
BLACK RIVER FALLS, WI 54615
ATTN: BRAD BETTHAUSER
PH: (715) 213-9064
CELL: (715) 213-9064
EMAIL: bradley.betthauser@wisconsin.gov

UTILITIES

ELECTRICITY

JACKSON ELECTRIC COOPERATIVE
ATTN: ERIC STEIEN
N6868 COUNTY ROAD F
BLACK RIVER FALLS, WI 54615
PHONE: (715) 284-5385
EMAIL: esteien@jackselec.com

XCEL ENERGY, INC.
ATTN: LAURA JORSTAD
3215 COMMERCE STREET
LA CROSSE, WI 54603
PHONE: (608) 789-3628
EMAIL: laura.jorstad@xcelenergy.com

COMMUNICATION LINE

BRIGHTSPEED OF CENTRAL WISCONSIN, LLC
(F/K/A CENTURYTEL)
ATTN: BRIAN STELPLUGH
1905 WARD AVENUE
LA CROSSE, WI 54601
PHONE: (980) 376-1557
CELL: (608) 780-1238
EMAIL: brian.stelplugh@brightspeed.com

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

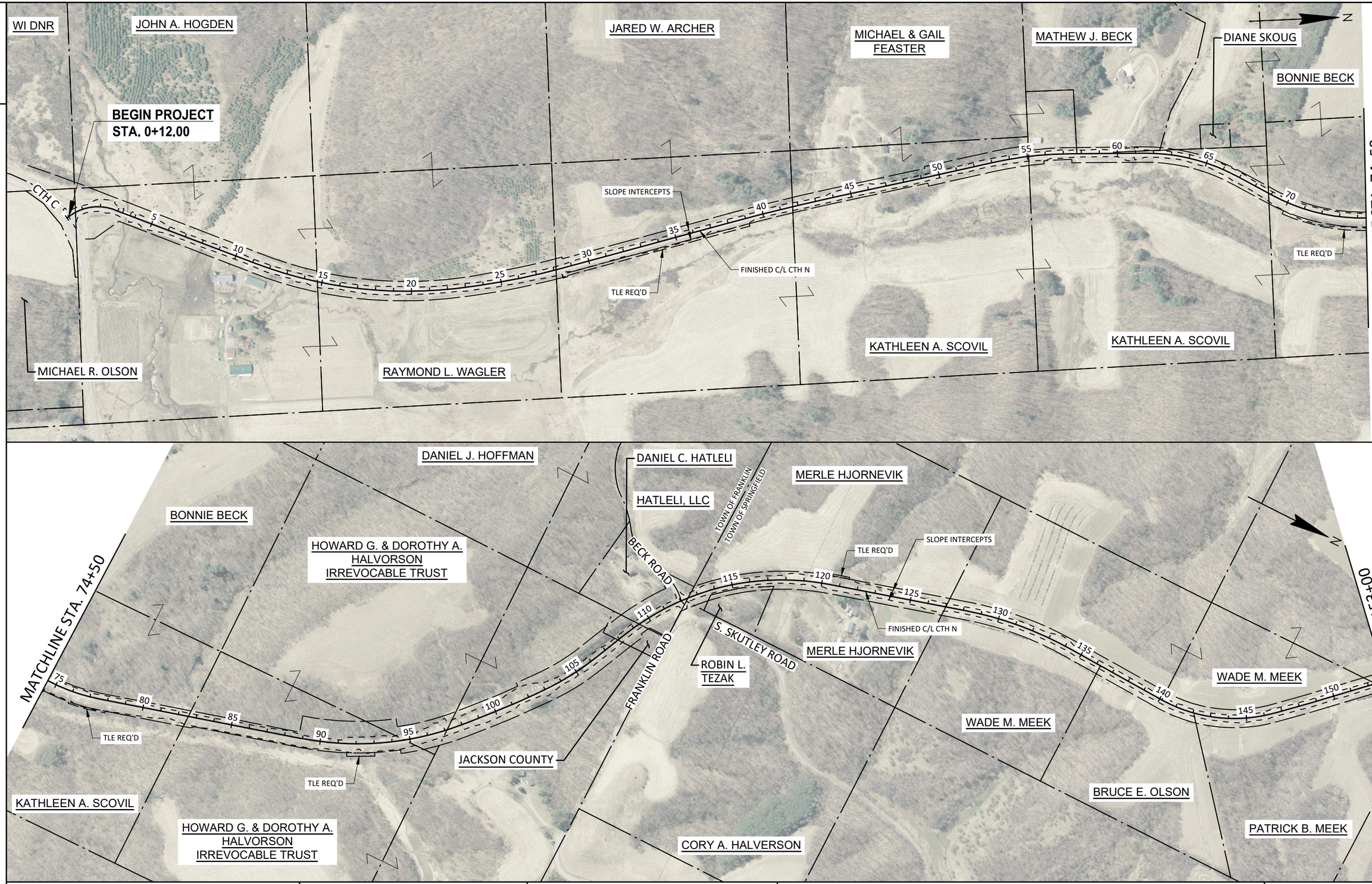
LIST OF STANDARD ABBREVIATIONS

ABUT	Abutment	INV	Invert	RDWY	Roadway
AC	Acre	IP	Iron Pipe or Pin	SALV	Salvaged
AGG	Aggregate	IRS	Iron Rod Set	SAN S	Sanitary Sewer
AH	Ahead	JT	Joint	SEC	Section
<	Angle	JCT	Junction	SHLDR	Shoulder
ASPH	Asphaltic	LHF	Left-Hand Forward	SHR	Shrinkage
AVG	Average	L	Length of Curve	SW	Sidewalk
ADT	Average Daily Traffic	LIN FT or LF	Linear Foot	S	South
BAD	Base Aggregate Dense			SQ	Square
BK	Back	LC	Long Chord of Curve	SF or SQ FT	Square Feet
BF	Back Face	MH	Manhole	SY or SQ YD	Square Yard
BM	Bench Mark	MB	Mailbox	STD	Standard
BR	Bridge	ML or M/L	Match Line	SDD	Standard Detail Drawings
C or C/L	Center Line	N	North	STH	State Trunk Highways
CC	Center to Center	Y	North Grid Coordinate	STA	Station
C.E.	Commercial Entrance	OD	Outside Diameter	SS	Storm Sewer
CTH	County Trunk Highway	PLE	Permanent Limited Easement	SG	Subgrade
CR	Creek	PT	Point	SE	Superelevation
CR	Crushed	PC	Point of Curvature	SL or S/L	Survey Line
CY or CU YD	Cubic Yard	PI	Point of Intersection	SV	Septic Vent
CP	Culvert Pipe	PRC	Point of Reverse Curvature	T	Tangent
C & G	Curb and Gutter			TEL	Telephone
D	Degree of Curve	PT	Point of Tangency	TEMP	Temporary
DHV	Design Hour Volume	POC	Point On Curve	TI	Temporary Interest
DIA	Diameter	POT	Point on Tangent	TLE	Temporary Limited Easement
E	East	PVC	Polyvinyl Chloride		
X	East Grid Coordinate	PCC	Portland Cement Concrete	t	Ton
ELEC	Electric (al)	LB	Pound	T or TN	Town
EL or ELEV	Elevation	PSI	Pounds Per Square Inch	TRANS	Transition
ESALS	Equivalent Single Axle Loads	P.E.	Private Entrance	TL or T/L	Transit Line
EBS	Excavation Below Subgrade	R	Radius	T	Trucks (percent of)
FF	Face to Face	RR	Railroad	TYP	Typical
F.E.	Field Entrance	R	Range	UNCL	Unclassified
F	Fill	RL or R/L	Reference Line	UG	Underground Cable
FG	Finished Grade	RP	Reference Point	USH	United States Highway
FL or F/L	Flow Line	RCCP	Reinforced Concrete Culvert Pipe	VAR	Variable
FT	Foot	REQD	Required	V	Velocity or Design Speed
FTG	Footing	RES	Residence or Residential	VERT	Vertical
GN	Grid North	RW	Retaining Wall	VC	Vertical Curve
HT	Height	RT	Right	VOL	Volume
CWT	Hundredweight	RHF	Right-Hand Forward	WM	Water Main
HYD	Hydrant	R/W	Right-of-Way	WV	Water Valve
INL	Inlet	RD	Road	W	West
ID	Inside Diameter	R	River	WB	Westbound
				YD	Yard

	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 PROJECT AREA = 32.43 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 17.87 ACRES

2



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PROJECT OVERVIEW	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\TYPICALS\W11672_PROJECT OVERVIEW-NEW.DWG PLOT DATE : 7/23/2024 3:18:07 PM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 02 - 1

2

2

GINA N. GITTER

KEVIN E. HART

KEVIN E. HART

ALAN & BARBARA BARCZAK

WADE M. MEEK

JOHN C. REPKA

WILES ROAD

HARRISON ROAD

GINA N. GITTER

SCOTT ANDERSON

FINISHED C/L CTH N

SLOPE INTERCEPTS

BAILEY ANDERSON

ALAN & BARBARA BARCZAK

KENNEDY ROAD

MATCHLINE STA. 153+00

MATCHLINE STA. 231+50

KEVIN E. HART

PATRICK B. MEEK

MICHAEL C. SHANKEY

RYAN R. OLSON

ANDREW C. CHIKOWSKI

BRANDON E. LOFGREN

CHRISTOPHER J. BURNETT

RABBIT RUN ROAD

TAYLOR ROD & GUN CLUB

MORTENSON DRIVE

ALAN & BARBARA BARCZAK

SHAWN TSCHANZ

WILLIAM N. MCNULTY

WILLIAM N. MCNULTY

SLOPE INTERCEPTS

MATCHLINE STA. 231+50

SHAWN TSCHANZ

TLE REQ'D

FINISHED C/L CTH N

END PROJECT STA. 278+15.00

CEDAR ROAD

DERRICK A. WORTMAN

TOWN OF SPRINGFIELD

WILLIAM N. MCNULTY

RYAN R. OLSON

WILLIAM N. MCNULTY

DARRICK WALDERA

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PROJECT OVERVIEW	SHEET 4	E

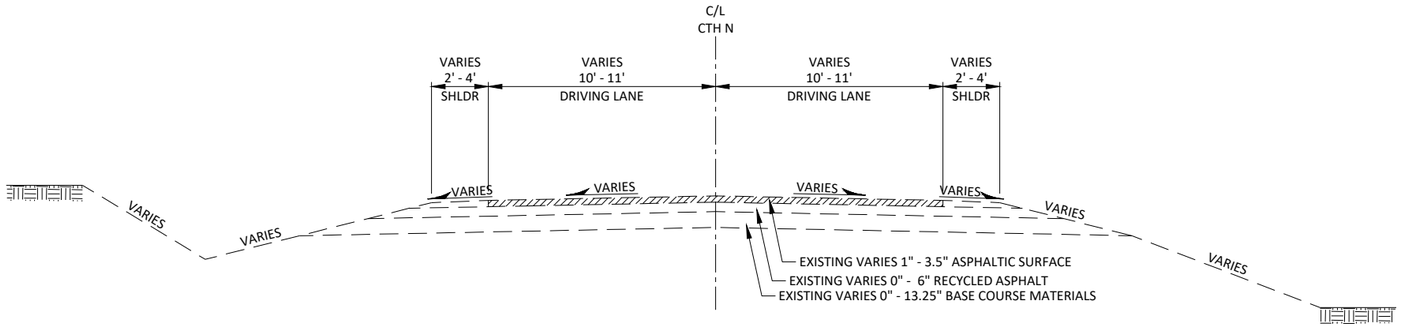
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2

FOR INFORMATION ONLY

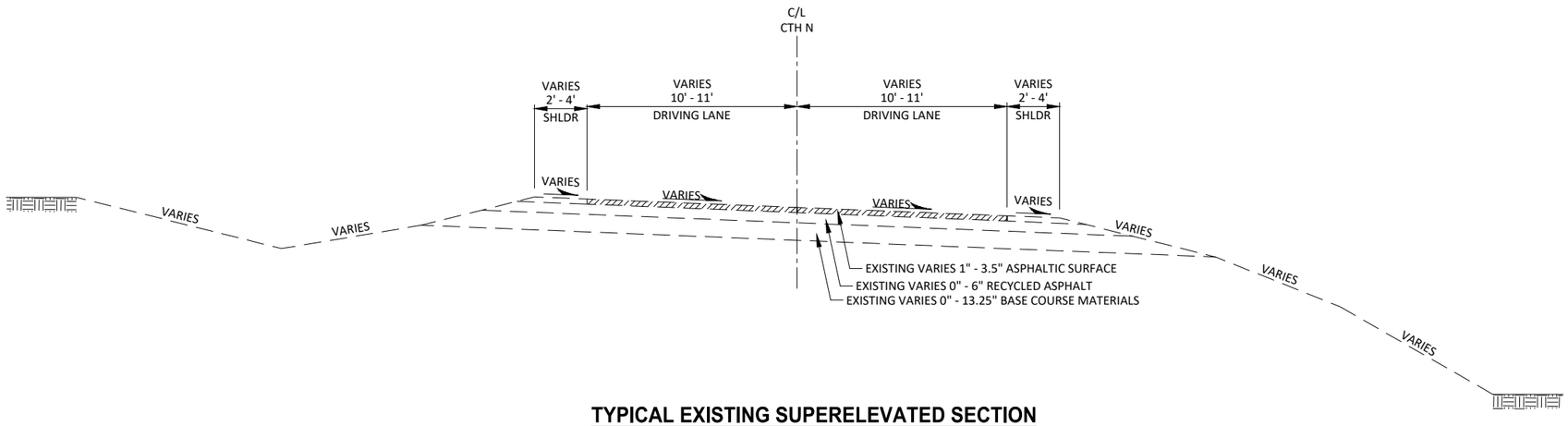
BORING LOG

NO.	STATION/OFFSET (+/-)	EXISTING ASPHALTIC SURFACE THICKNESS (IN.)	EXISTING BASE	
			RECYCLED ASPHALT (IN.)	BASE COURSE MATERIAL (IN.)
1	0+71.40, 6.3' RT.	2.50	0.50	13.25
2	14+82.23, 7.4' LT.	1.50	2.00	5.00
3	27+03.55, 3.7' RT.	2.00	1.50	0.00
4	40+79.65, 5.7' LT.	3.00	3.75	4.50
5	53+87.75, 6.3' RT.	2.75	6.00	3.25
6	65+44.25, 7.2' LT.	2.75	2.50	1.50
7	79+23.60, 6.7' RT.	1.25	4.00	2.25
8	92+68.51, 7.0' LT.	1.50	3.50	3.25
9	105+41.53, 5.3' RT.	1.25	2.75	2.50
10	117+65.28, 6.1' LT.	1.00	2.50	4.00
11	132+34.50, 5.9' RT.	2.75	2.25	3.00
12	145+17.07, 7.2' LT.	1.00	2.50	7.00
13	158+54.23, 5.3' RT.	3.50	1.50	5.25
14	170+80.64, 5.7' LT.	2.50	2.00	7.00
15	184+68.26, 5.5' RT.	2.25	2.50	3.00
16	199+24.52, 6.6' LT.	3.00	4.25	5.75
17	210+83.52, 6.0' RT.	2.50	4.50	6.25
18	222+47.69, 5.1' LT.	3.00	3.00	6.00
19	237+18.69, 5.1' RT.	1.00	3.00	7.00
20	250+29.90, 6.2' LT.	1.25	2.75	7.50
21	263+33.30, 4.2' RT.	3.00	3.50	4.00
22	274+31.89, 7.3' LT.	1.00	2.50	7.00
23	289+91.01, 4.9' RT.	2.75	0.00	7.25



TYPICAL EXISTING SECTION

CTH N

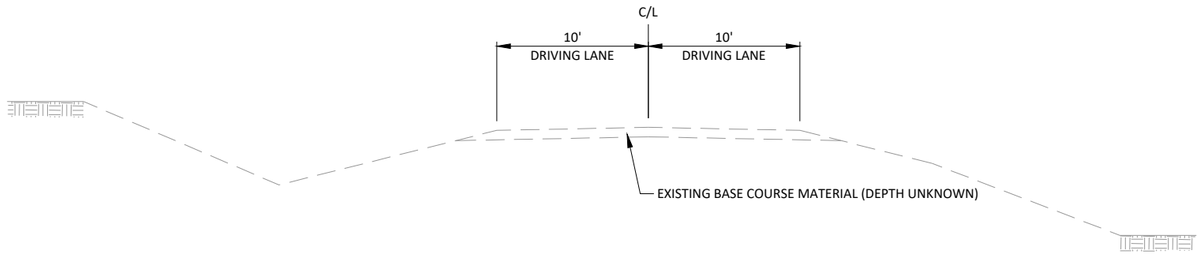


TYPICAL EXISTING SUPERELEVATED SECTION

CTH N

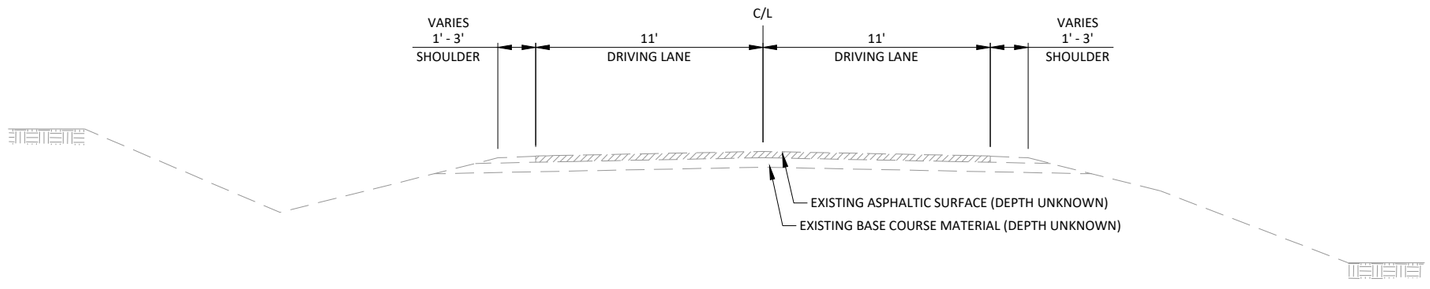
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	TYPICAL EXISTING SECTIONS	SHEET 5	E

2



TYPICAL EXISTING UNPAVED SECTION

HARRISON ROAD
MORTENSON DRIVE

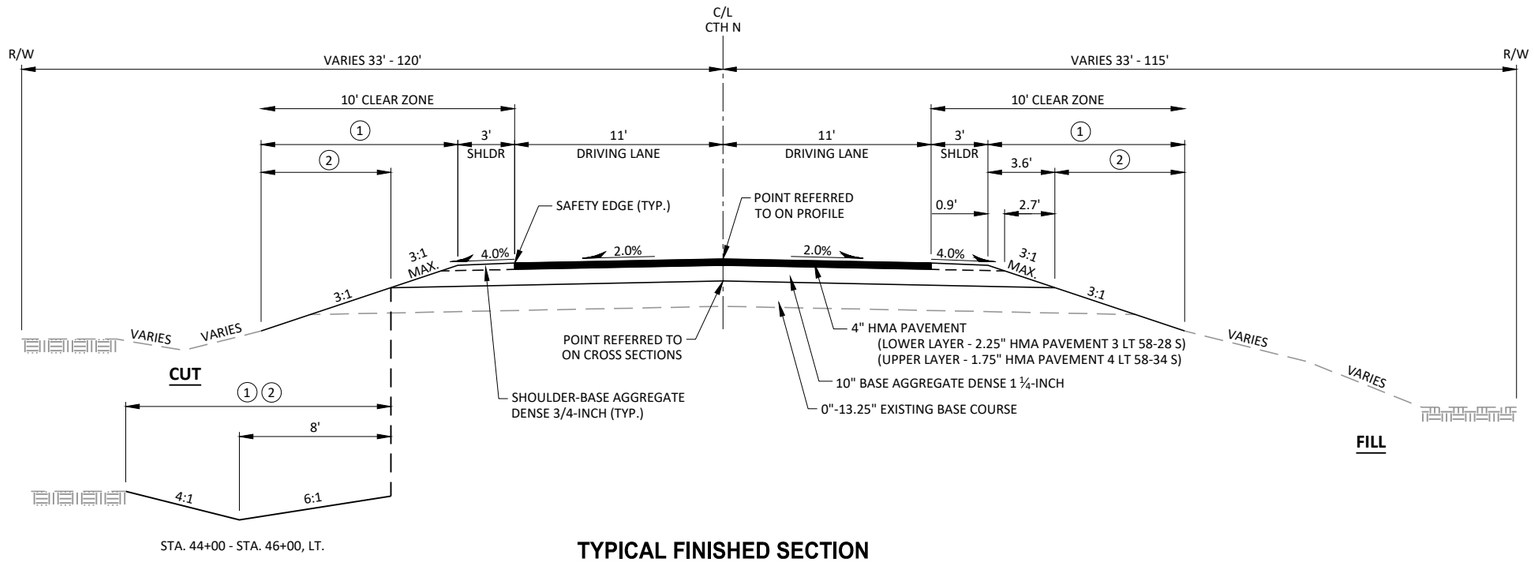


TYPICAL EXISTING PAVED SECTION

CTH C
BECK ROAD
S SKUTLEY ROAD
FRANKLIN ROAD
NILES ROAD
KENNEDY ROAD

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	TYPICAL EXISTING SECTIONS	SHEET 6	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\TYPICALS\W11672_TYPICALS.DWG PLOT DATE : 7/11/2024 1:59:12 PM PLOT BY : LOGAN BETTHAUSER PLOT SCALE : 1" = 1' LAYOUT : 05 - 2



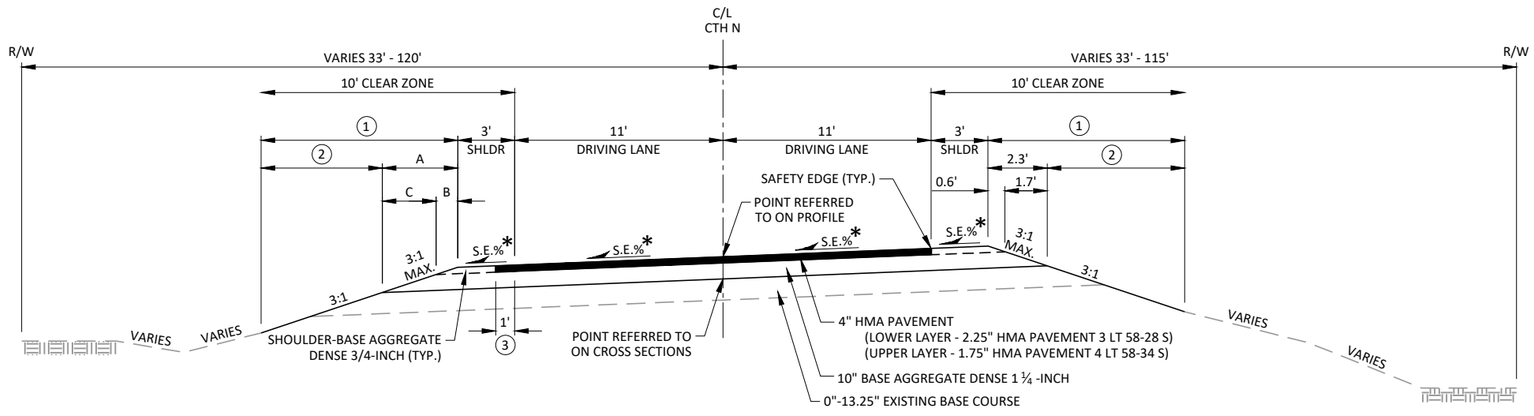
STA. 44+00 - STA. 46+00, LT.

TYPICAL FINISHED SECTION

CTH N
FULL PAVEMENT REPLACEMENT
STA. 3+75.13 - STA. 9+86
STA. 29+56 - STA. 51+72
STA. 58+72 - STA. 59+98

① LIMITS OF FERTILIZER TYPE B & SEEDING MIXTURE NO. 20
(AS DIRECTED BY ENGINEER)

② LIMITS OF SALVAGED TOPSOIL & MULCH/EROSION MAT (SEE EROSION CONTROL PLAN FOR MULCH/EROSION MAT LIMITS) (AS DIRECTED BY ENGINEER)



TYPICAL FINISHED SUPERELEVATED SECTION

CTH N
FULL PAVEMENT REPLACEMENT
STA. 0+12 - STA. 3+29.83
STA. 9+86 - STA. 29+56
STA. 51+72 - STA. 58+72
STA. 59+98 - STA. 65+00

* S.E. - SEE SUPERELEVATION TABLE FOR SUPERELEVATION RATES.

A/B/C - SEE SUPERELEVATION TABLES FOR DIMENSIONS.

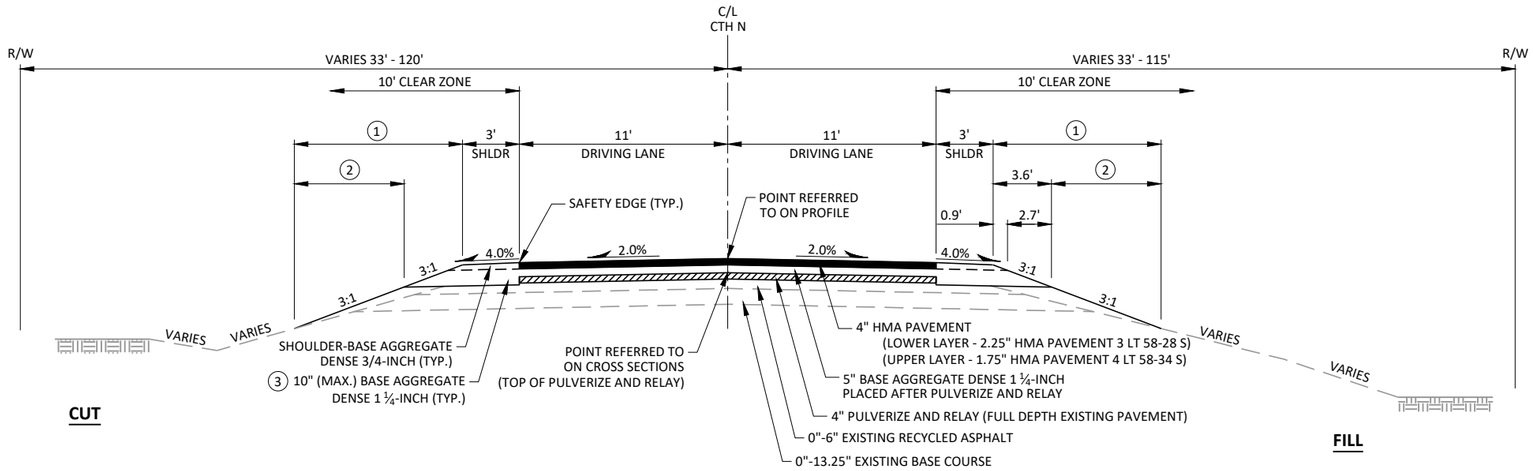
① LIMITS OF FERTILIZER TYPE B & SEEDING MIXTURE NO. 20
(AS DIRECTED BY ENGINEER)

② LIMITS OF SALVAGED TOPSOIL & MULCH/EROSION MAT (SEE EROSION CONTROL PLAN FOR MULCH/EROSION MAT LIMITS) (AS DIRECTED BY ENGINEER)

THE LOW SIDE SHOULDER SLOPE ON THE SUPERELEVATED SECTIONS EQUALS THE SUPERELEVATION WHEN THE SUPERELEVATION IS GREATER THAN 0.04 FT./FT. IF THE SUPERELEVATIONS IS LESS THAN OR EQUALS 0.04 FT./FT., THEN THE LOW SIDE SHOULDER SLOPE IS 0.04 FT./FT. THE HIGH SIDE SHOULDER SLOPE ON THE SUPERELEVATED SECTIONS EQUALS THE SUPERELEVATION.

③ PROVIDE 1' PAVED SHOULDER ON INSIDE OF ALL CURVES BETWEEN THE P.C. AND P.T. EXCEPT ON CURVES 1 AND 4.

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	TYPICAL FINISHED SECTIONS	SHEET 7	E

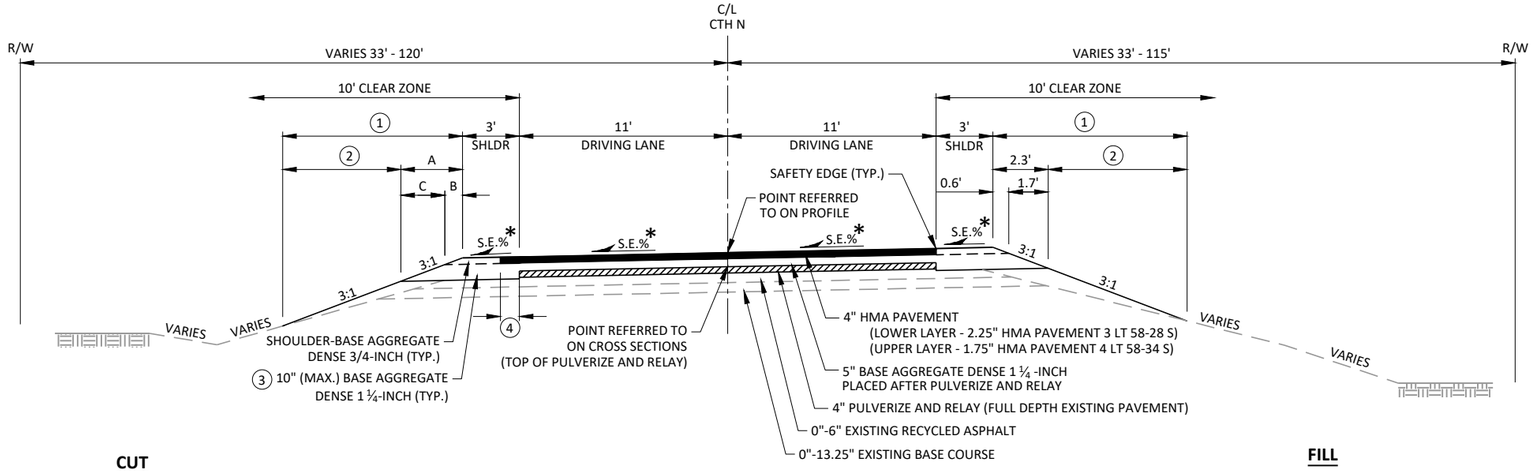


1. LIMITS OF FERTILIZER TYPE B & SEEDING MIXTURE NO. 20 (AS DIRECTED BY ENGINEER)
2. LIMITS OF SALVAGED TOPSOIL & MULCH/EROSION MAT (SEE EROSION CONTROL PLAN FOR MULCH/EROSION MAT LIMITS) (AS DIRECTED BY ENGINEER)
3. PLACE BASE AGGREGATE DENSE 1 ¼-INCH TO A MAXIMUM 10" DEPTH OVER EXISTING AGGREGATE SHOULDERS TO PROVIDE A UNIFORM SURFACE FOR PAVING AND SHOULDERING.

TYPICAL FINISHED SECTION

CTH N
PULVERIZE AND RELAY
STA. 78+99 - STA. 87+50
STA. 121+90 - STA. 126+74
STA. 135+72 - STA. 138+63
STA. 148+03 - STA. 156+29
STA. 172+18 - STA. 183+55
STA. 190+05 - STA. 193+34
STA. 232+02 - STA. 237+44
STA. 251+36 - STA. 265+93
STA. 275+89 - STA. 278+15

SEQUENCE OF OPERATIONS:
1. PULVERIZE AND RELAY EXISTING PAVEMENT
2. PLACE BASE AGGREGATE DENSE OVER PULVERIZE AND RELAY MATERIAL AND EXISTING AGGREGATE SHOULDERS
3. PLACE HMA PAVEMENT
4. PLACE BASE AGGREGATE DENSE SHOULDERS



* S.E. - SEE SUPERELEVATION TABLE FOR SUPERELEVATION RATES.

A/B/C - SEE SUPERELEVATION TABLES FOR DIMENSIONS.

1. LIMITS OF FERTILIZER TYPE B & SEEDING MIXTURE NO. 20 (AS DIRECTED BY ENGINEER)
2. LIMITS OF SALVAGED TOPSOIL & MULCH/EROSION MAT (SEE EROSION CONTROL PLAN FOR MULCH/EROSION MAT LIMITS) (AS DIRECTED BY ENGINEER)

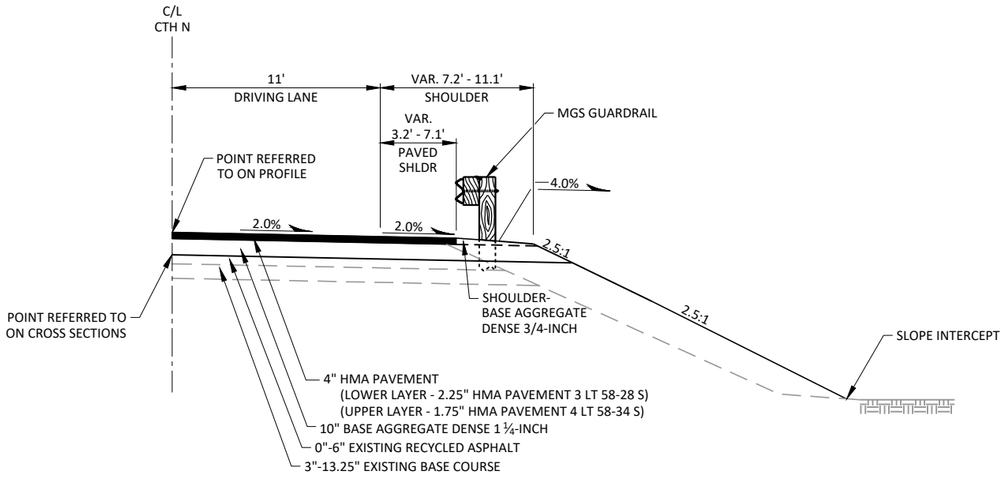
   THE LOW SIDE SHOULDER SLOPE ON THE SUPERELEVATED SECTIONS EQUALS THE SUPERELEVATION WHEN THE SUPERELEVATION IS GREATER THAN 0.04 FT./FT. IF THE SUPERELEVATIONS IS LESS THAN OR EQUALS 0.04 FT./FT., THEN THE LOW SIDE SHOULDER SLOPE IS 0.04 FT./FT. THE HIGH SIDE SHOULDER SLOPE ON THE SUPERELEVATED SECTIONS EQUALS THE SUPERELEVATION.
3. PLACE BASE AGGREGATE DENSE 1 ¼-INCH TO A MAXIMUM 10" DEPTH OVER EXISTING AGGREGATE SHOULDERS TO PROVIDE A UNIFORM SURFACE FOR PAVING AND SHOULDERING.
4. PROVIDE 1' PAVED SHOULDER ON INSIDE OF CURVES 6, 7, 8, 11, 12, 14, 20, 21, AND 22 BETWEEN THE P.C. AND P.T. PROVIDE 2' PAVED SHOULDER ON INSIDE OF CURVES 13, 15, 16, 17, 18, AND 19 BETWEEN THE P.C. AND P.T. ADDITIONAL PAVED SHOULDER WIDTH NOT REQUIRED IN GUARDRAIL LOCATIONS.

TYPICAL FINISHED SUPERELEVATED SECTION

CTH N
PULVERIZE AND RELAY
STA. 65+00 - STA. 78+99
STA. 87+50 - STA. 121+90
STA. 126+74 - STA. 135+72
STA. 138+63 - STA. 148+03
STA. 156+29 - STA. 172+18
STA. 183+55 - STA. 190+05
STA. 193+34 - STA. 232+02
STA. 237+44 - STA. 251+36
STA. 265+93 - STA. 275+89

SEQUENCE OF OPERATIONS:
1. PULVERIZE AND RELAY EXISTING PAVEMENT
2. PLACE BASE AGGREGATE DENSE OVER PULVERIZE AND RELAY MATERIAL AND EXISTING AGGREGATE SHOULDERS
3. PLACE HMA PAVEMENT
4. PLACE BASE AGGREGATE DENSE SHOULDERS

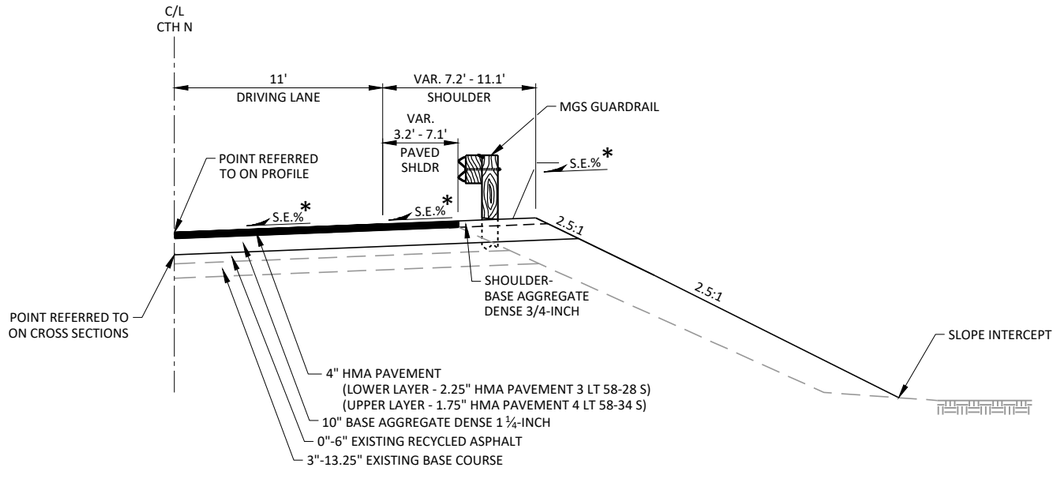
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	TYPICAL FINISHED SECTIONS	SHEET 8	E



TYPICAL FINISHED GUARDRAIL HALF SECTION

CTH N
STA. 3+70 - STA. 4+75, LT.
STA. 3+75 - STA. 4+67, RT.

NOTE:
GUARDRAIL ON RIGHT SHOWN. GUARDRAIL ON LEFT SIMILAR.



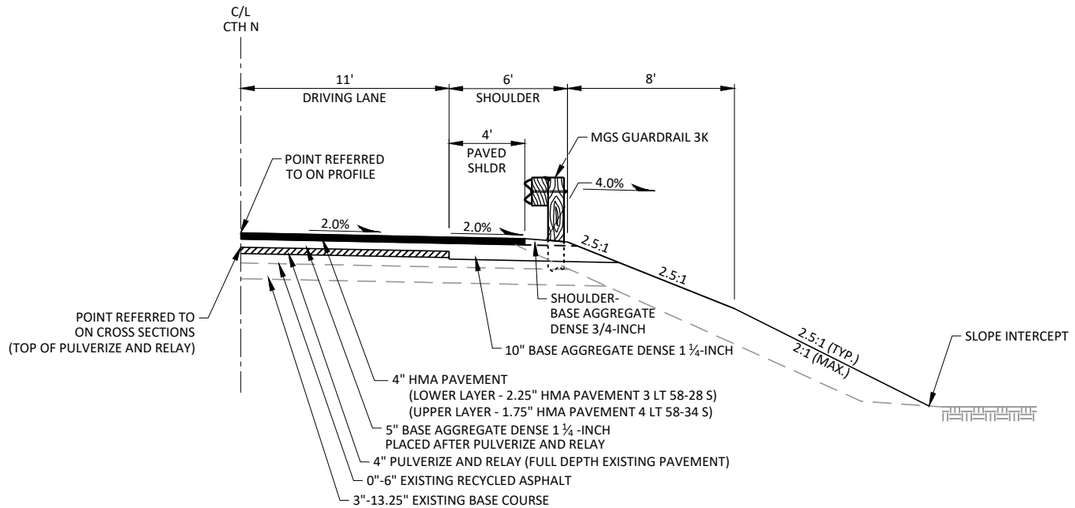
TYPICAL FINISHED SUPERELEVATED GUARDRAIL HALF SECTION

CTH N
STA. 2+40 - STA. 3+31, LT.
STA. 2+40 - STA. 3+36, RT.

* S.E. - SEE SUPERELEVATION TABLE FOR SUPERELEVATION RATES.

NOTES:
GUARDRAIL ON RIGHT SHOWN. GUARDRAIL ON LEFT SIMILAR.

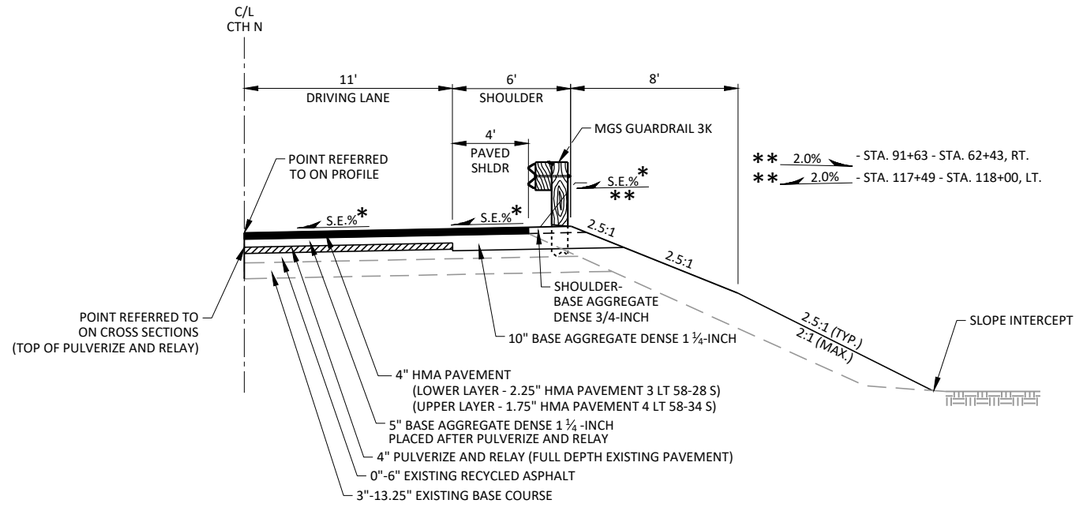
CURVE TO THE LEFT SHOWN. CURVE TO THE RIGHT SIMILAR.



TYPICAL FINISHED GUARDRAIL HALF SECTION

CTH N
STA. 78+99 - STA. 87+50, RT.
STA. 121+90 - STA. 124+12, LT.
STA. 251+36 - STA. 257+51, RT.
STA. 251+36 - STA. 256+55, LT.
STA. 261+07 - STA. 265+93, RT.
STA. 262+71 - STA. 265+93, LT.

NOTE:
GUARDRAIL ON RIGHT SHOWN. GUARDRAIL ON LEFT SIMILAR.



TYPICAL FINISHED SUPERELEVATED GUARDRAIL HALF SECTION

CTH N
STA. 66+46 - STA. 78+99, RT.
STA. 87+50 - STA. 91+88, RT.
STA. 92+43 - STA. 99+19, RT.
STA. 96+65 - STA. 106+02, LT.
STA. 118+46 - STA. 121+90, LT.
STA. 246+47 - STA. 251+36, RT.
STA. 246+84 - STA. 251+36, LT.
STA. 265+93 - STA. 267+51, RT.
STA. 265+93 - STA. 270+51, LT.

* S.E. - SEE SUPERELEVATION TABLE FOR SUPERELEVATION RATES.

NOTES:
GUARDRAIL ON RIGHT SHOWN. GUARDRAIL ON LEFT SIMILAR.

CURVE TO THE LEFT SHOWN. CURVE TO THE RIGHT SIMILAR.

SUPERELEVATION TABLE-CURVE 1

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
0+12	MATCH EXISTING	MATCH EXISTING	3.6	1.0	2.7
0+42	2.0 →	2.0 →	3.6	1.0	2.7
FULL SUPERELEVATION					
2+66	2.0 →	2.0 →	3.6	1.0	2.7
3+00	0.0	2.0 →	3.6	1.0	2.7
3+34	← 2.0	← 2.0	3.6	1.0	2.7

SUPERELEVATION TABLE-CURVE 2

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
9+86	← 2.0	2.0 →	3.6	1.0	2.7
10+00	← 2.0	1.5 →	3.6	1.0	2.7
10+50	← 2.0	← 0.5	3.6	1.0	2.7
11+00	← 2.5	← 2.5	3.7	1.0	2.7
11+50	← 4.4	← 4.4	4.1	1.2	2.9
11+52	← 4.5	← 4.5	4.1	1.2	2.9
FULL SUPERELEVATION					
22+03	← 4.5	← 4.5	4.1	1.2	2.9
22+50	← 3.6	← 3.6	3.9	1.1	2.8

SUPERELEVATION TABLE-CURVE 3

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
22+50	← 3.6	← 3.6	3.9	1.1	2.8
22+68	← 3.2	← 3.2	3.9	1.1	2.8
FULL SUPERELEVATION					
28+23	← 3.2	← 3.2	3.9	1.1	2.8
28+50	← 2.2	← 2.2	3.7	1.0	2.7
29+00	← 2.0	← 0.2	3.6	1.0	2.7
29+50	← 2.0	1.8 →	3.6	1.0	2.7
29+56	← 2.0	2.0 →	3.6	1.0	2.7

SUPERELEVATION TABLE-CURVE 4

MAINTAIN NORMAL CROWN THROUGH CURVE 4

SUPERELEVATION TABLE-CURVE 5

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
51+72	← 2.0	2.0 →	3.6	1.0	2.7
52+00	← 0.9	2.0 →	3.6	1.0	2.7
52+50	1.0 →	2.0 →	3.6	1.0	2.7
53+00	3.0 →	3.0 →	3.8	1.0	2.8
53+48	4.9 →	4.9 →	4.2	1.2	3.0
FULL SUPERELEVATION					
56+96	4.9 →	4.9 →	4.2	1.2	3.0
57+00	4.7 →	4.7 →	4.1	1.2	2.9
57+50	2.8 →	2.8 →	3.8	1.0	2.8
58+00	0.8 →	2.0 →	3.6	1.0	2.7
58+50	← 1.1	2.0 →	3.6	1.0	2.7
58+72	← 2.0	2.0 →	3.6	1.0	2.7

SUPERELEVATION TABLE-CURVE 6

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
58+98	← 2.0	2.0 →	3.6	1.0	2.7
60+00	← 1.9	2.0 →	3.6	1.0	2.7
60+50	0.0	2.0 →	3.6	1.0	2.7
61+00	2.0 →	2.0 →	3.6	1.0	2.7
61+50	4.0 →	4.0 →	4.0	1.2	2.9
62+00	5.9 →	5.9 →	4.3	1.2	3.1
62+02	6.0 →	6.0 →	4.3	1.2	3.1
FULL SUPERELEVATION					
66+31	6.0 →	6.0 →	4.3	1.2	3.1
66+50	5.3 →	5.3 →	4.2	1.2	3.0
67+00	3.5 →	3.5 →	3.9	1.1	2.8
67+50	1.7 →	1.7 →	3.7	1.1	2.7
67+95	0.0	0.0	3.5	1.0	2.5

SUPERELEVATION TABLE-CURVE 7

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
67+95	0.0	0.0	3.5	1.0	2.5
68+00	← 0.2	← 0.2	3.6	1.0	2.6
68+50	← 2.0	← 2.0	3.6	1.0	2.7
69+00	← 3.8	← 3.8	4.0	1.1	2.8
69+50	← 5.7	← 5.7	4.3	1.2	3.0
69+53	← 5.8	← 5.8	4.3	1.2	3.1
FULL SUPERELEVATION					
77+12	← 5.8	← 5.8	4.3	1.2	3.1
77+50	← 4.2	← 4.2	4.1	1.2	2.9
78+00	← 2.1	← 2.1	3.7	1.0	2.7
78+50	← 2.0	0.0	3.6	1.0	2.7
78+99	← 2.0	2.0 →	3.6	1.0	2.7

SUPERELEVATION TABLE-CURVE 8

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
87+50	← 2.0	2.0 →	3.6	1.0	2.7
88+00	← 2.0	0.1 →	3.6	1.0	2.7
88+50	← 2.0	← 1.9	3.6	1.0	2.7
89+00	← 3.9	← 3.9	4.0	1.1	2.9
89+39	← 5.4	← 5.4	4.2	1.2	3.0
FULL SUPERELEVATION					
97+74	← 5.4	← 5.4	3.4	1.0	2.4
98+00	← 5.3	← 5.3	3.4	1.0	2.4
98+50	← 5.0	← 5.0	3.3	1.0	2.4
99+00	← 4.8	← 4.8	3.3	1.0	2.4
99+50	← 4.5	← 4.5	3.3	0.9	2.4
100+00	← 4.2	← 4.2	3.3	0.9	2.3

SUPERELEVATION TABLE-CURVE 9

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
100+00	← 4.2	← 4.2	3.3	0.9	2.3
100+26	← 4.1	← 4.1	3.3	0.9	2.3
FULL SUPERELEVATION					
100+96	← 4.1	← 4.1	3.3	0.9	2.3
101+00	← 4.1	← 4.1	3.3	0.9	2.3
101+50	← 4.5	← 4.5	3.3	0.9	2.4
102+00	← 4.8	← 4.8	3.3	1.0	2.4
102+50	← 5.2	← 5.2	3.4	1.0	2.4
103+00	← 5.5	← 5.5	3.4	1.0	2.4

SUPERELEVATION TABLE-CURVE 10

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
103+00	← 5.5	← 5.5	3.4	1.0	2.4
103+16	← 5.6	← 5.6	3.4	1.0	2.4
FULL SUPERELEVATION					
105+77	← 5.6	← 5.6	3.4	1.0	2.4
106+00	← 4.8	← 4.8	4.1	1.2	3.0
106+50	← 3.0	← 3.0	3.8	1.0	2.8
107+00	← 1.2	← 1.2	3.7	1.1	2.6
107+33	0.0	0.0	3.5	1.0	2.5

SUPERELEVATION TABLE-CURVE 11

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
107+33	0.0	0.0	3.5	1.0	2.5
107+50	0.6 →	0.6 →	3.6	1.0	2.6
108+00	2.4 →	2.4 →	3.7	1.0	2.7
108+50	4.2 →	4.2 →	4.0	1.2	2.9
108+92	5.7 →	5.7 →	4.3	1.2	3.0
FULL SUPERELEVATION					
119+93	5.7 →	5.7 →	4.3	1.2	3.0
120+00	5.4 →	5.4 →	4.2	1.2	3.0
120+50	3.5 →	3.5 →	3.9	1.1	2.8
121+00	1.5 →	2.0 →	3.6	1.0	2.7
121+50	← 0.4	2.0 →	3.6	1.0	2.7
121+90	← 2.0	2.0 →	3.6	1.0	2.7

SUPERELEVATION TABLE-CURVE 12

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
126+74	← 2.0	2.0 →	3.6	1.0	2.7
127+00	← 1.0	2.0 →	3.6	1.0	2.7
127+50	0.1 →	2.0 →	3.6	1.0	2.7
128+00	2.9 →	2.9 →	3.8	1.0	2.8
128+50	4.9 →	4.9 →	4.2	1.2	3.0
FULL SUPERELEVATION					
133+96	4.9 →	4.9 →	4.2	1.2	3.0
134+00	4.7 →	4.7 →	4.1	1.2	2.9
134+50	2.8 →	2.8 →	3.8	1.0	2.8
135+00	0.8 →	2.0 →	3.6	1.0	2.7
135+50	← 1.1	2.0 →	3.6	1.0	2.7
135+72	← 2.0	2.0 →	3.6	1.0	2.7

SUPERELEVATION TABLE-CURVE 13

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
138+63	← 2.0	2.0 →	3.6	1.0	2.7
139+00	← 2.0	0.5 →	3.6	1.0	2.7
139+50	← 2.0	← 1.6	3.6	1.0	2.7
140+00	← 3.7	← 3.7	4.0	1.1	2.8
140+50	← 5.8	← 5.8	4.3	1.2	3.1
140+55	← 6.0	← 6.0	4.3	1.2	3.1
FULL SUPERELEVATION					
146+11	← 6.0	← 6.0	4.3	1.2	3.1
146+50	← 4.4	← 4.4	4.1	1.2	2.9
147+00	← 2.3	← 2.3	3.7	1.0	2.7
147+50	← 2.0	← 0.2	3.6	1.0	2.7
148+00	← 2.0	1.9 →	3.6	1.0	2.7
148+03	← 2.0	2.0 →	3.6	1.0	2.7

SUPERELEVATION TABLE-CURVE 14

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
156+29	← 2.0	2.0 →	3.6	1.0	2.7
156+50	← 2.0	1.2 →	3.6	1.0	2.7
157+00	← 2.0	← 0.8	3.6	1.0	2.7
157+50	← 2.7	← 2.7	3.8	1.0	2.8
158+00	← 4.7	← 4.7	4.1	1.2	2.9
158+15	← 5.3	← 5.3	4.2	1.2	3.0
FULL SUPERELEVATION					
162+70	← 5.3	← 5.3	4.2	1.2	3.0
163+00	← 4.0	← 4.0	4.0	1.2	2.9
163+50	← 1.9	← 1.9	3.8	1.1	2.7
163+94	0.0	0.0	3.5	1.0	2.5

SUPERELEVATION TABLE-CURVE 15

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
163+94	0.0	0.0	3.5	1.0	2.5
164+00	0.3 →	0.3 →	3.6	1.0	2.6
164+50	2.4 →	2.4 →	3.7	1.0	2.7
165+00	4.5 →	4.5 →	4.1	1.2	2.9
165+34	6.0 →	6.0 →	4.3	1.2	3.1
FULL SUPERELEVATION					
170+26	6.0 →	6.0 →	4.3	1.2	3.1
170+50	5.0 →	5.0 →	4.2	1.2	3.0
171+00	2.9 →	2.9 →	3.8	1.0	2.8
171+50	0.9 →	2.0 →	3.6	1.0	2.7
172+00	← 1.2	2.0 →	3.6	1.0	2.7
172+18	← 2.0	2.0 →	3.6	1.0	2.7

SUPERELEVATION TABLE-CURVE 16

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
183+55	← 2.0	2.0 →	3.6	1.0	2.7
184+00	← 0.1	2.0 →	3.6	1.0	2.7
184+50	2.0 →	2.0 →	3.6	1.0	2.7
185+00	4.1 →	4.1 →	4.0	1.2	2.9
185+47	6.0 →	6.0 →	4.3	1.2	3.1
FULL SUPERELEVATION					
188+13	6.0 →	6.0 →	4.3	1.2	3.1
188+50	4.4 →	4.4 →	4.1	1.2	2.9
189+00	2.4 →	2.4 →	3.7	1.0	2.7
189+50	0.3 →	2.0 →	3.6	1.0	2.7
190+00	← 1.8	2.0 →	3.6	1.0	2.7
190+05	← 2.0	2.0 →	3.6	1.0	2.7

SUPERELEVATION TABLE-CURVE 17

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
193+34	◄2.0	2.0►	3.6	1.0	2.7
193+50	◄2.0	1.4►	3.6	1.0	2.7
194+00	◄2.0	◄0.7	3.6	1.0	2.7
194+50	◄2.8	◄2.8	3.8	1.0	2.8
195+00	◄4.9	◄4.9	4.2	1.2	3.0
195+26	◄6.0	◄6.0	4.3	1.2	3.1
FULL SUPERELEVATION					
198+12	◄6.0	◄6.0	4.3	1.2	3.1
198+50	◄4.2	◄4.2	4.1	1.2	2.9
199+00	◄1.7	◄1.7	3.7	1.1	2.7
199+36	0.0	0.0	3.5	1.0	2.5

SUPERELEVATION TABLE-CURVE 18

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
199+36	0.0	0.0	3.5	1.0	2.5
199+50	0.7►	0.7►	3.6	1.0	2.6
200+00	3.1►	3.1►	3.8	1.1	2.8
200+50	5.6►	5.6►	4.3	1.2	3.0
200+55	5.8►	5.8►	4.3	1.2	3.1
FULL SUPERELEVATION					
203+85	5.8►	5.8►	4.3	1.2	3.1
204+00	5.1►	5.1►	4.2	1.2	3.0
204+50	3.0►	3.0►	3.8	1.0	2.8
205+00	0.8►	0.8►	3.6	1.0	2.6
205+19	0.0	0.0	3.5	1.0	2.5

SUPERELEVATION TABLE-CURVE 19

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
205+19	0.0	0.0	3.5	1.0	2.5
205+50	◄1.3	◄1.3	3.7	1.1	2.6
206+00	◄3.5	◄3.5	3.9	1.1	2.8
206+50	◄5.7	◄5.7	4.3	1.2	3.1
206+56	◄5.9	◄5.9	4.3	1.2	3.1
FULL SUPERELEVATION					
213+87	◄5.9	5.9►	4.3	1.2	3.1
214+00	◄5.5	5.5►	4.2	1.2	3.0
214+50	◄3.8	◄3.8	4.0	1.1	2.9
215+00	◄2.1	◄2.1	3.7	1.0	2.7
215+50	◄0.5	◄0.5	2.6	1.0	2.6
215+64	0.0	0.0	3.5	1.0	2.5

SUPERELEVATION TABLE-CURVE 20

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
215+64	0.0	0.0	4.8	1.2	3.6
216+00	1.2►	1.2►	5.1	1.3	3.8
216+50	2.9►	2.9►	5.8	1.5	4.3
217+00	4.6►	4.6►	5.9	1.5	4.4
217+43	6.0►	6.0►	5.9	1.5	4.4
FULL SUPERELEVATION					
229+98	6.0►	6.0►	5.9	1.5	4.4
230+00	5.9►	5.9►	5.6	1.5	4.1
230+50	4.0►	4.0►	4.9	1.2	3.7
231+00	2.0►	2.0►	3.6	1.0	2.7
231+50	0.1►	2.0►	3.6	1.0	2.7
232+00	◄1.9	2.0►	3.6	1.0	2.7
232+02	◄2.0	2.0►	3.6	1.0	2.7

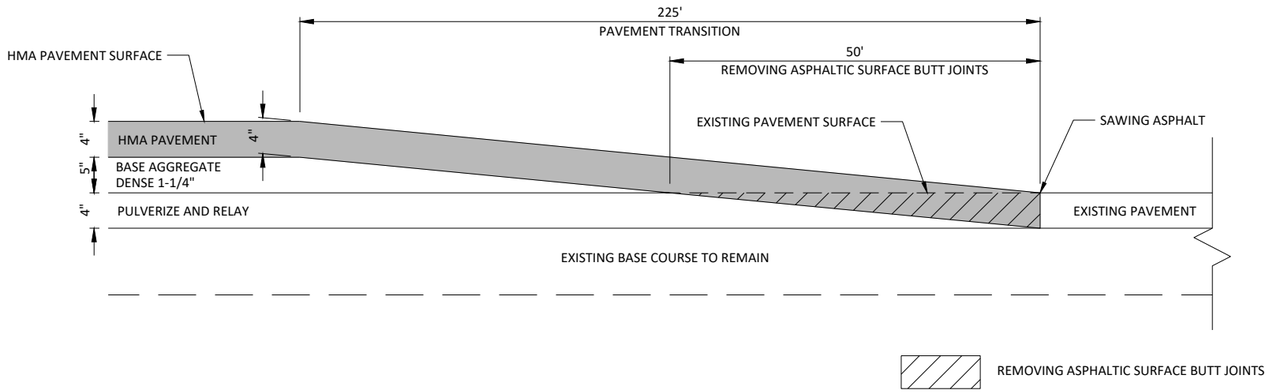
SUPERELEVATION TABLE-CURVE 21

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
237+44	◄2.0	2.0►	3.6	1.0	2.7
237+50	◄2.0	1.8►	3.6	1.0	2.7
238+00	◄2.0	◄0.2	3.6	1.0	2.7
238+50	◄2.2	◄2.2	3.7	1.0	2.7
238+97	◄4.0	◄4.0	4.0	1.2	2.9
FULL SUPERELEVATION					
249+83	◄4.0	◄4.0	3.2	0.9	2.3
250+00	◄3.3	◄3.3	3.1	0.9	2.3
250+50	◄2.0	◄1.4	3.0	0.8	2.2
251+00	◄2.0	0.6►	3.0	0.8	2.2
251+36	◄2.0	2.0►	3.0	0.8	2.2

SUPERELEVATION TABLE-CURVE 22

STATION	LEFT(%)	RIGHT(%)	A (FT)	B (FT)	C (FT)
265+93	◄2.0	2.0►	3.0	0.8	2.2
266+00	◄1.7	2.0►	3.0	0.8	2.2
266+50	0.2►	2.0►	3.0	0.8	2.2
267+00	2.2►	2.2►	3.0	0.8	2.2
267+49	4.1►	4.1►	4.0	1.2	2.9
FULL SUPERELEVATION					
274+33	4.1►	4.1►	4.0	1.2	2.9
274+50	3.4►	3.4►	3.9	1.1	2.8
275+00	1.5►	2.0►	3.6	1.0	2.7
275+50	◄0.5	2.0►	3.6	1.0	2.7
275+89	◄2.0	2.0►	3.6	1.0	2.7

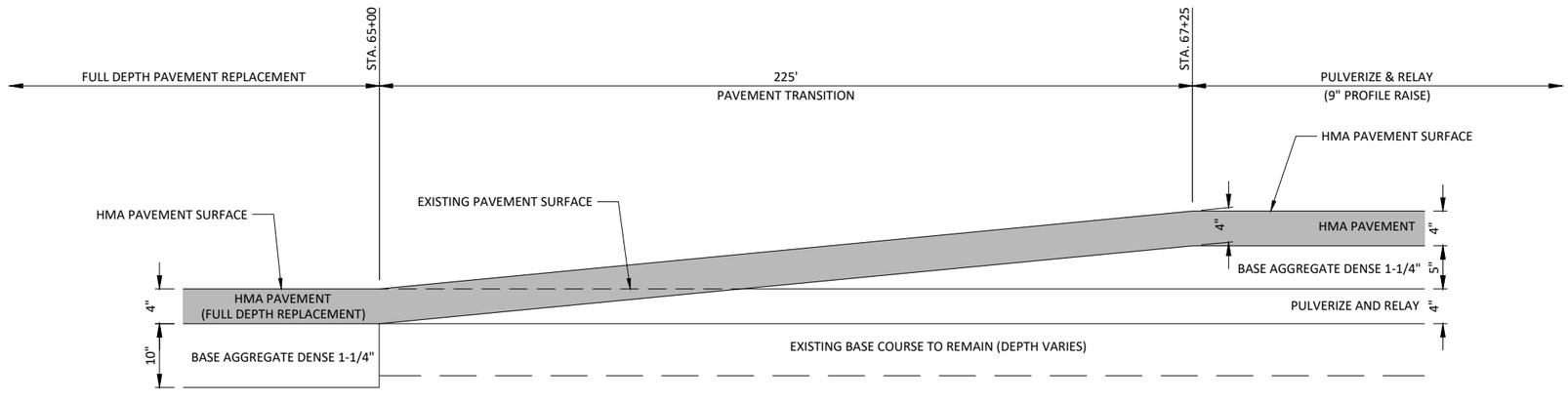
2



LOCATION

END OF PROJECT
STA. 275+90 - STA. 278+15

REMOVING ASPHALTIC SURFACE BUTT JOINTS

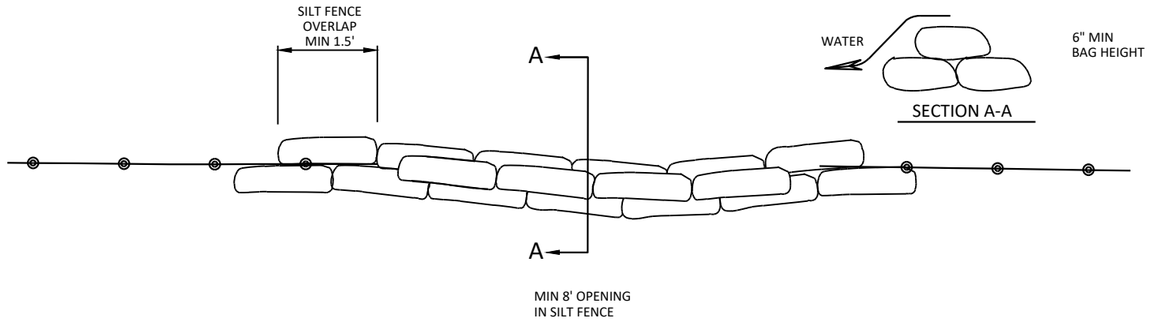


LOCATION

CTH N
STA. 65+00 - STA. 67+25

PAVEMENT TRANSITION (FULL DEPTH TO PULVERIZE AND RELAY)

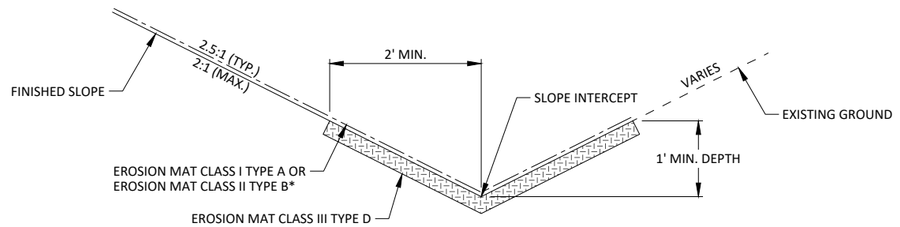
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CONSTRUCTION DETAILS	SHEET 12	E



TOP VIEW

ROCK BAGS USED FOR SILT FENCE RELIEF

NOTE: SEE MISCELLANEOUS QUANTITIES SHEET FOR APPROXIMATE LOCATIONS.
EXACT LOCATION AND NUMBER OF ROCK BAGS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

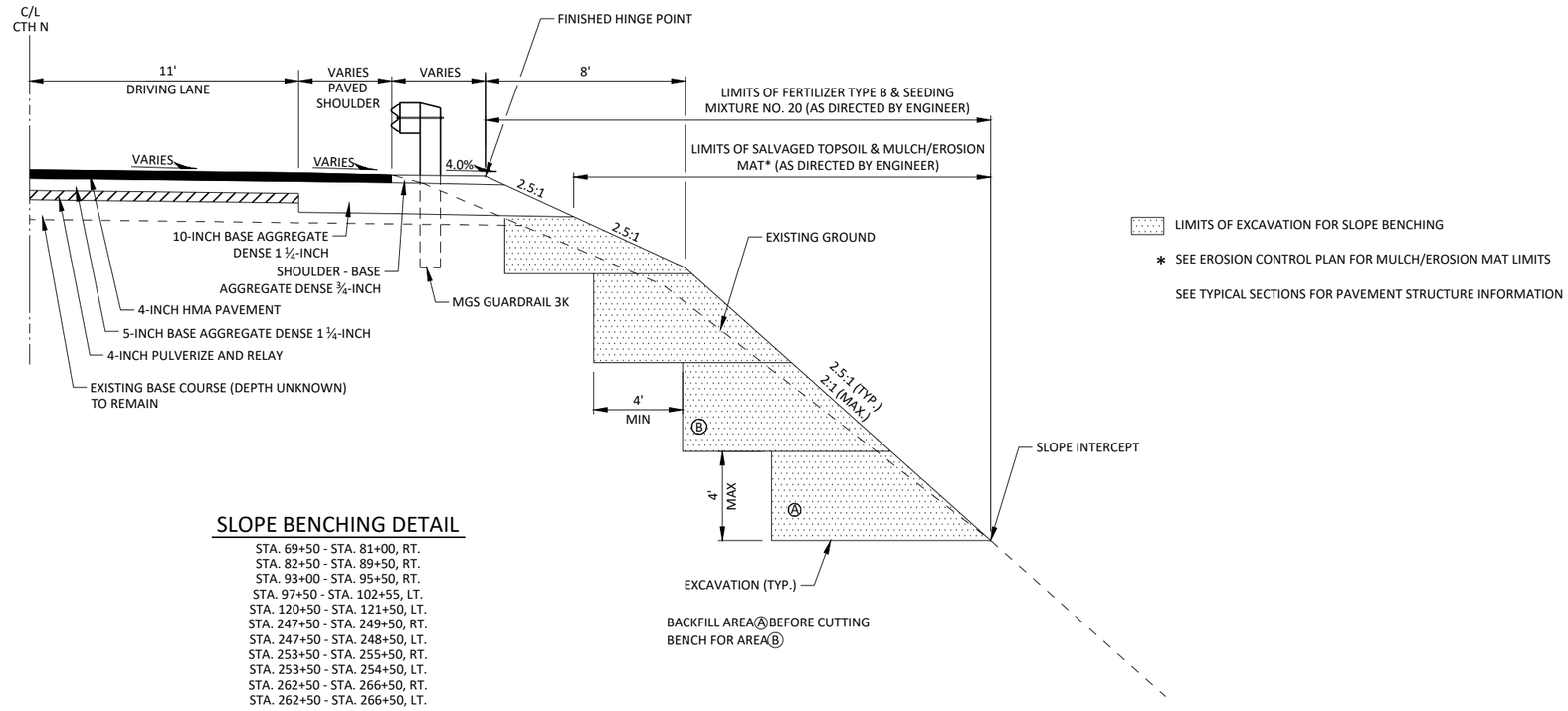


NOTES:
PLACE SALVAGED TOPSOIL, SEEDING TEMPORARY, SEEDING MIX NO. 60, AND FERTILIZER TYPE B WITHIN EROSION MAT CLASS III TYPE D LIMITS.

* EXTEND SLOPE EROSION MAT OVER EROSION MAT CLASS III TYPE D AND PLACE TEMPORARY DITCH CHECKS AFTER FINISHING ITEMS ARE PLACED.

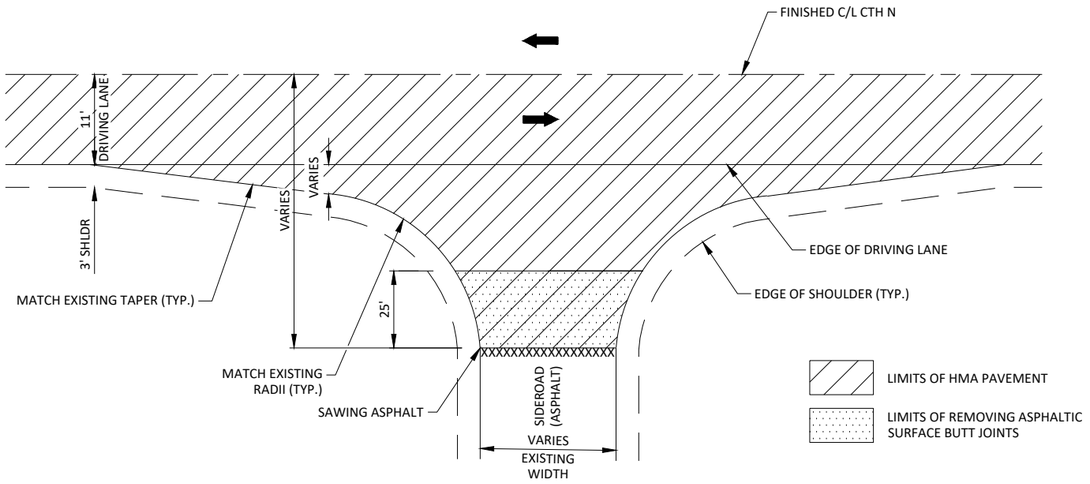
EROSION MAT CLASS III TYPE D DETAIL FOR DITCHES

STA. 94+50 - STA. 98+50, RT.



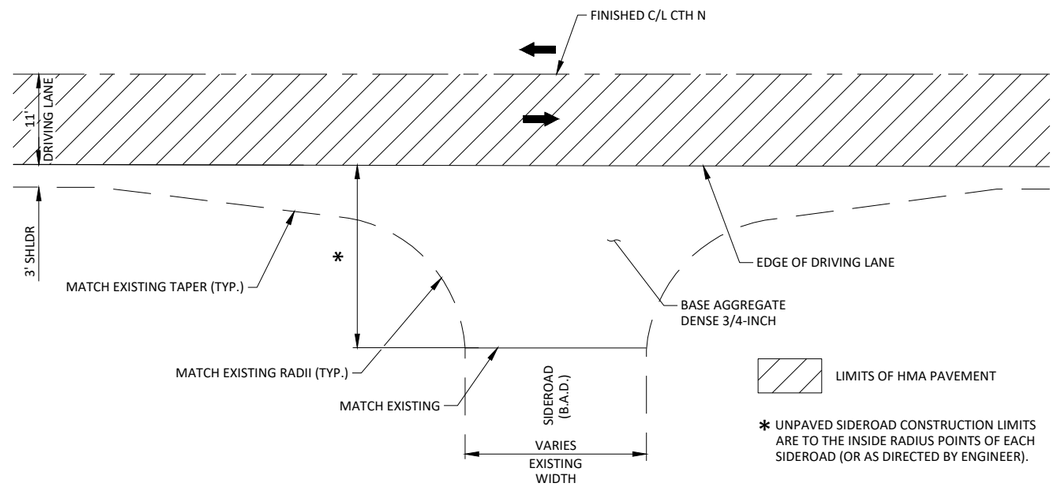
SLOPE BENCHING DETAIL

STA. 69+50 - STA. 81+00, RT.
STA. 82+50 - STA. 89+50, RT.
STA. 93+00 - STA. 95+50, RT.
STA. 97+50 - STA. 102+55, LT.
STA. 120+50 - STA. 121+50, LT.
STA. 247+50 - STA. 249+50, RT.
STA. 247+50 - STA. 248+50, LT.
STA. 253+50 - STA. 255+50, RT.
STA. 253+50 - STA. 254+50, LT.
STA. 262+50 - STA. 266+50, RT.
STA. 262+50 - STA. 266+50, LT.



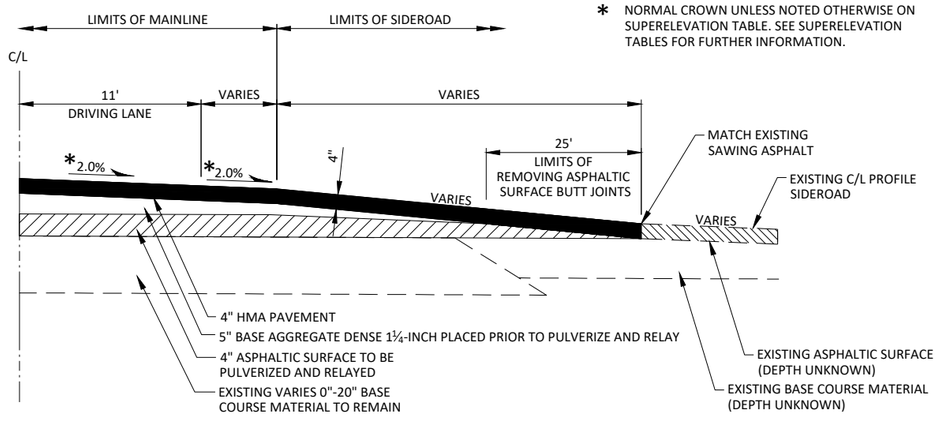
TYPICAL PAVED SIDEROAD DETAIL

BECK ROAD
FRANKLIN ROAD
NILES ROAD
KENNEDY ROAD



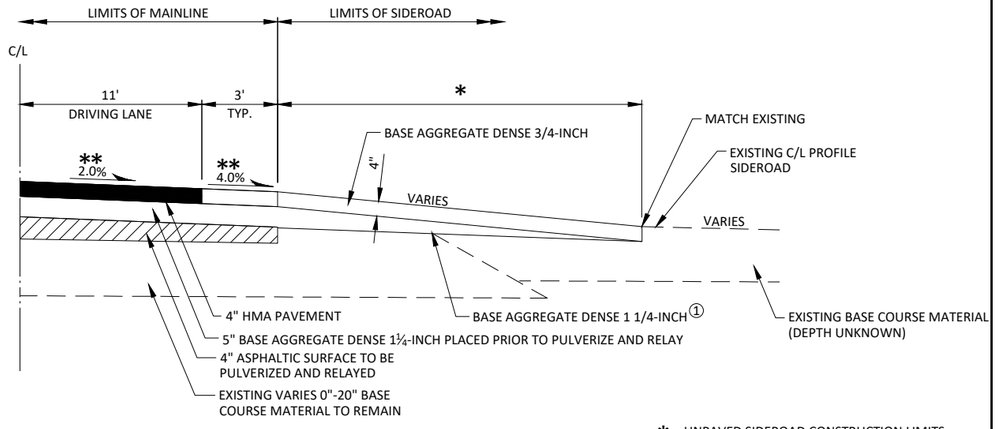
TYPICAL UNPAVED SIDEROAD DETAIL

HARRISON ROAD
MORTENSON DRIVE



TYPICAL PAVED SIDEROAD PROFILE

BECK ROAD
FRANKLIN ROAD
NILES ROAD
KENNEDY ROAD



TYPICAL UNPAVED SIDEROAD PROFILE

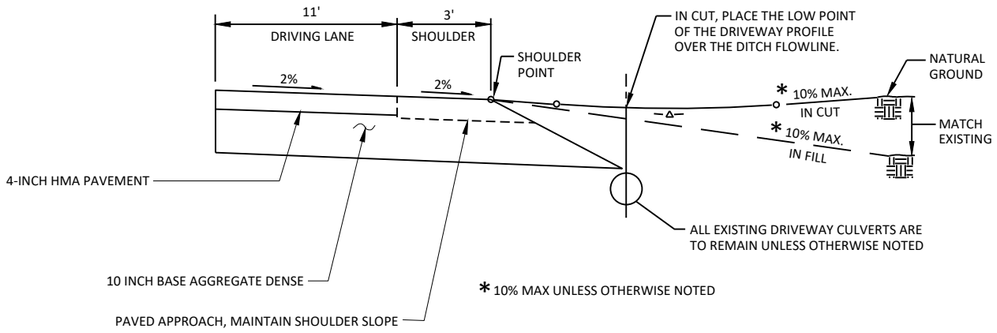
HARRISON ROAD
MORTENSON DRIVE

* UNPAVED SIDEROAD CONSTRUCTION LIMITS ARE TO THE INSIDE RADIUS POINTS OF EACH SIDEROAD (OR AS DIRECTED BY ENGINEER).

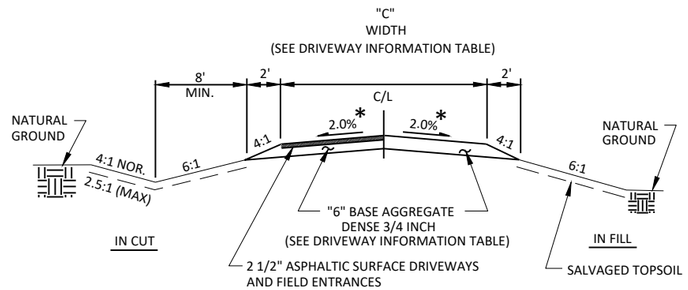
** NORMAL CROWN UNLESS NOTED OTHERWISE ON SUPERELEVATION TABLE. SEE SUPERELEVATION TABLES FOR FURTHER INFORMATION.

① EXCAVATION COMMON REQ'D FOR PLACEMENT OF BASE AGGREGATE DENSE TO BE PAID FOR UNDER BASE AGGREGATE DENSE 1 ¼-INCH BID ITEM.

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CONSTRUCTION DETAILS	SHEET 14	E

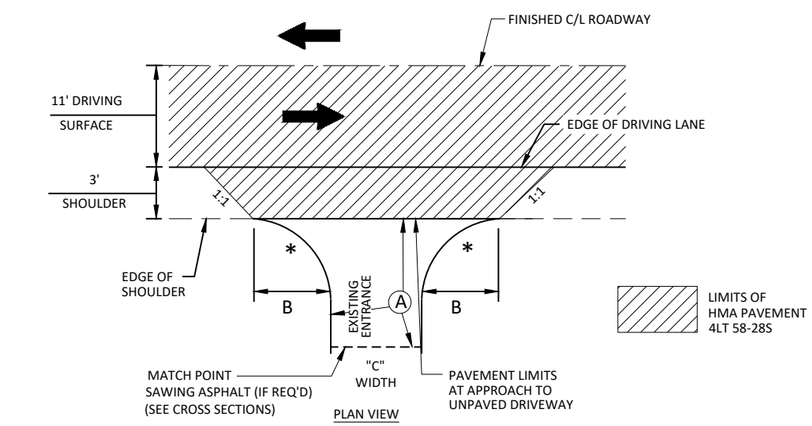


TYPICAL RURAL ENTRANCE PROFILES



* CROWN NOT REQ'D. CONSTRUCT CROSS SLOPE TO PROVIDE DRAINAGE.
(SEE DRIVEWAY INFORMATION TABLE)

TYPICAL CROSS-SECTION FOR RURAL ENTRANCE



* RADIUS

(SEE DRIVEWAY INFORMATION TABLE)

RURAL ENTRANCE DETAIL

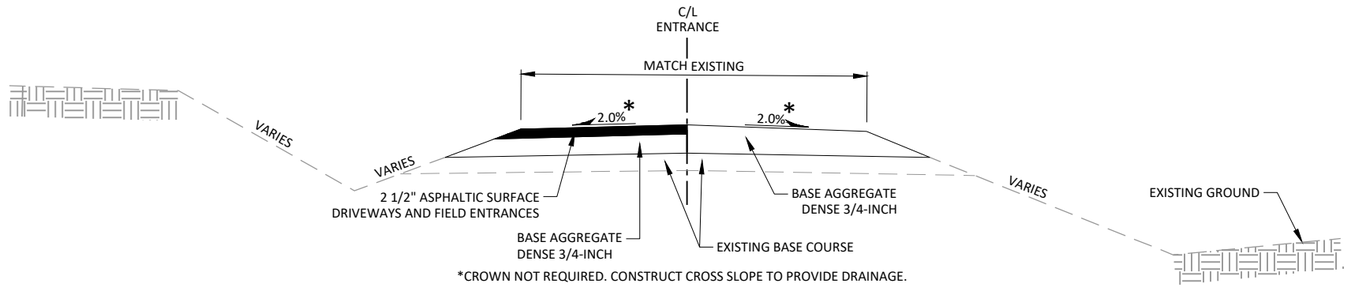
STA. 0+12 - STA. 65+00
'A'-LINE
'AA'-LINE

RURAL DRIVEWAY INFORMATION TABLE

ENTRANCE TYPE	STATION	TYPE	EXISTING PAVEMENT STRUCTURE	PROPOSED PAVEMENT STRUCTURE A	RADIUS B	"C" WIDTH
RURAL	6+00, LT.	F.E.	B.A.D.	6" B.A.D.	10'	16'
RURAL	9+29, LT.	F.E.	B.A.D.	6" B.A.D.	10'	14'
RURAL	10+77, RT.	F.E.	B.A.D.	6" B.A.D.	20'	18'
RURAL	12+93, RT.	P.E.	ASPHALT	2 1/2" ASPHALTIC SURFACE OVER 6" B.A.D.	10'	27.5'
RURAL	18+11, LT.	F.E.	B.A.D.	6" B.A.D.	10'	13'
RURAL	28+49, RT.	F.E.	B.A.D.	6" B.A.D.	10'	14'
RURAL	38+16, LT.	F.E.	B.A.D.	6" B.A.D.	10'	24.5'
RURAL	46+10, RT.	F.E.	B.A.D.	6" B.A.D.	10'	14'
RURAL	46+38, LT.	P.E.	B.A.D.	6" B.A.D.	10'	31'
RURAL	55+11, LT.	P.E.	B.A.D.	6" B.A.D.	10'	24'
RURAL	57+59, LT.	P.E.	B.A.D.	6" B.A.D.	10'	16'
RURAL	58+91, LT.	P.E.	B.A.D.	6" B.A.D.	10'	31'
RURAL	62+66, LT.	P.E.	B.A.D.	6" B.A.D.	10'	16'
RURAL	64+73, LT.	P.E.	B.A.D.	6" B.A.D.	10'	21.5'
RURAL	66+00, RT. ('A'-LINE)	F.E.	B.A.D.	6" B.A.D.	20'	10'
RURAL	96+27, LT. ('AA' LINE)	F.E.	DISINTEGRATED GRANITE	6" BASE AGGREGATE DISINTIGRATED GRANITE	20'	12'

NOTES:
DRIVEWAY WIDTH "C" IS GIVEN AT THE MATCH POINT. SEE CROSS SECTIONS FOR MORE INFORMATION.

DRIVEWAYS NOT SHOWN IN THE TABLE ABOVE SHALL BE CONSTRUCTED TO MATCH EXISTING CONDITIONS USING THE "TYPICAL RESURFACING P.E. & F.E. ENTRANCE DETAIL".

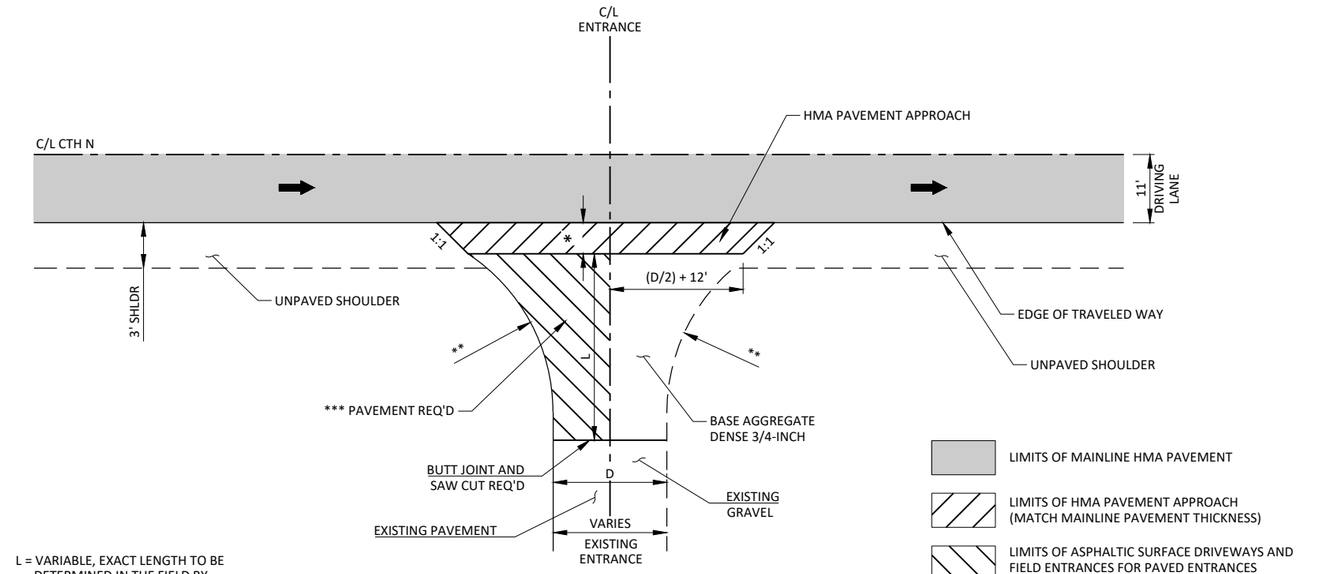


*CROWN NOT REQUIRED. CONSTRUCT CROSS SLOPE TO PROVIDE DRAINAGE.

TYPICAL DRIVEWAY CROSS SECTION

NOTES:
THICKNESS VARIES, GRADE TO MATCH EXISTING ENTRANCES. SHAPING OF SURFACES IS INCIDENTAL TO THE BASE AGGREGATE DENSE 3/4-INCH BID ITEM.

ALL EXISTING DRIVEWAY CULVERTS ARE TO REMAIN UNLESS OTHERWISE NOTED.



L = VARIABLE, EXACT LENGTH TO BE DETERMINED IN THE FIELD BY THE ENGINEER. BLEND BACK ON THE ENTRANCE FAR ENOUGH TO PROVIDE A SMOOTH PROFILE.

D = DRIVEWAY WIDTH (MATCH EXISTING)

LIMITS OF MAINLINE HMA PAVEMENT

LIMITS OF HMA PAVEMENT APPROACH (MATCH MAINLINE PAVEMENT THICKNESS)

LIMITS OF ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES FOR PAVED ENTRANCES (2 1/2" PAVEMENT THICKNESS)

* 3' MAX. OR TO FINISHED SHOULDER WHICHEVER IS LESS.

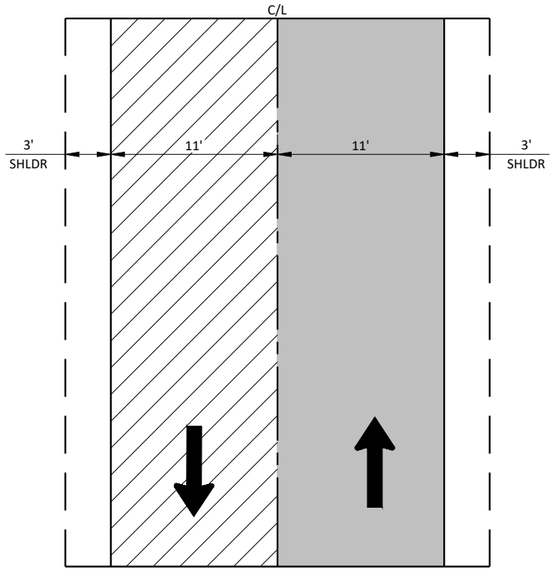
** MATCH EXISTING RADIUS.

*** PULVERIZE AND RELAY EXISTING PAVED SURFACE. ADD BASE AGGREGATE DENSE 3/4-INCH AS NEEDED BEFORE REPAVING.

PLAN VIEW

TYPICAL RESURFACING P.E. & F.E. ENTRANCE DETAIL

STA. 65+00 - STA. 278+15
(SEE PLAN AND PROFILE FOR ENTRANCE LOCATIONS)

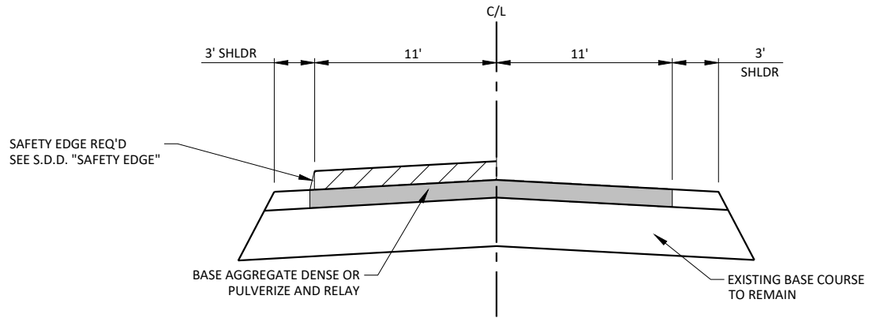


PLAN VIEW

NOTES:
DOCUMENT AND MARK THE LOCATIONS OF EXISTING MARKING LINE PASSING ZONES PRIOR TO PULVERIZE AND RELAY OPERATION.

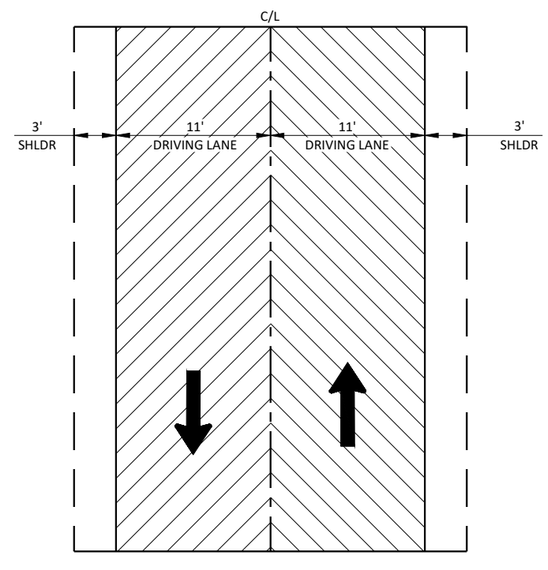
PLACE "NO CENTERLINE" (W8-12, 48" X 48")AT EACH END OF THE PROJECT AND AFTER EACH SIDE ROAD PRIOR TO PULVERIZE AND RELAY.

PLACE "NO PASSING ZONE" (R4-1, 24"x30"), "UNEVEN LANES" (W8-11, 48" X 48"), AND "SHOULDER DROPOFF" (W8-9A, 48" X 48") EVERY 1 MILE ALONG THE PROJECT LENGTH.



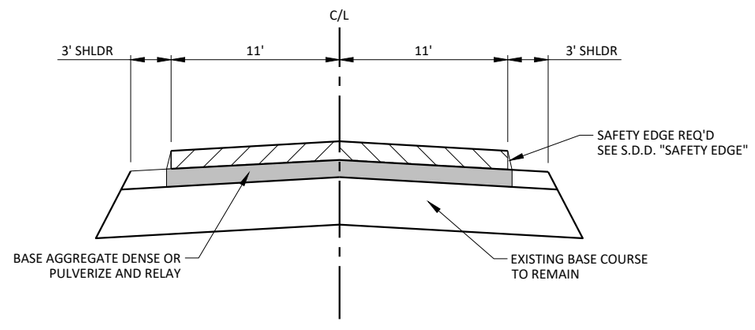
CROSS SECTION VIEW

HMA PAVING SEQUENCE OF OPERATIONS: FIRST PASS DETAIL



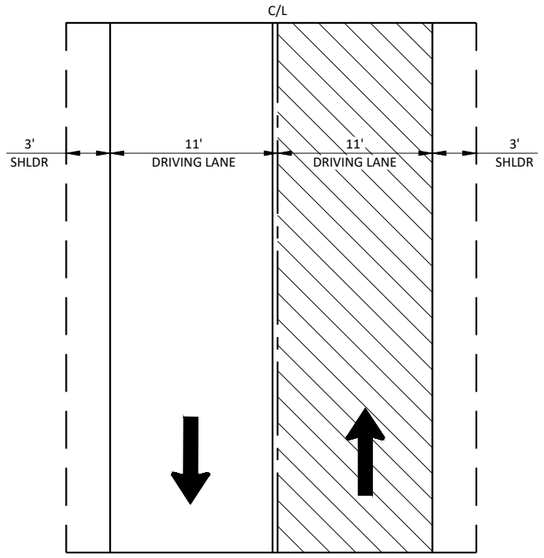
PLAN VIEW

NOTES:
PLACE "NO PASSING ZONE" (R4-1, 24" X 30"), "UNEVEN LANES" (W8-11, 48" X 48"), AND "SHOULDER DROPOFF" (W8-9A, 48" X 48") EVERY 1 MILE ALONG THE PROJECT LENGTH.



CROSS SECTION VIEW

HMA PAVING SEQUENCE OF OPERATIONS: SECOND PASS DETAIL

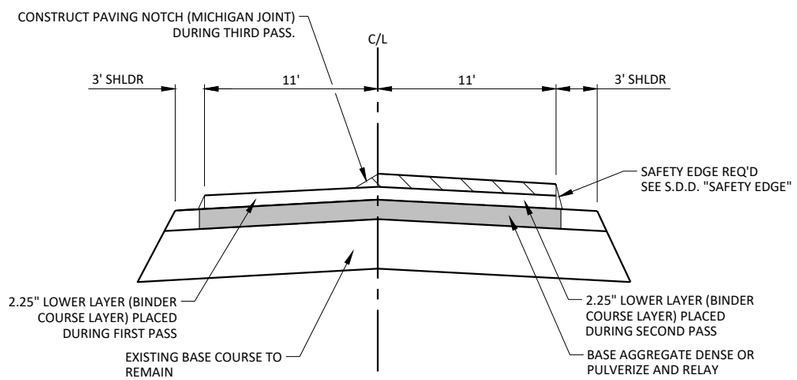


PLAN VIEW

THIRD PASS 1.75" HMA PAVEMENT
4 LT 58-34 S (SURFACE LAYER) PAVING LIMITS

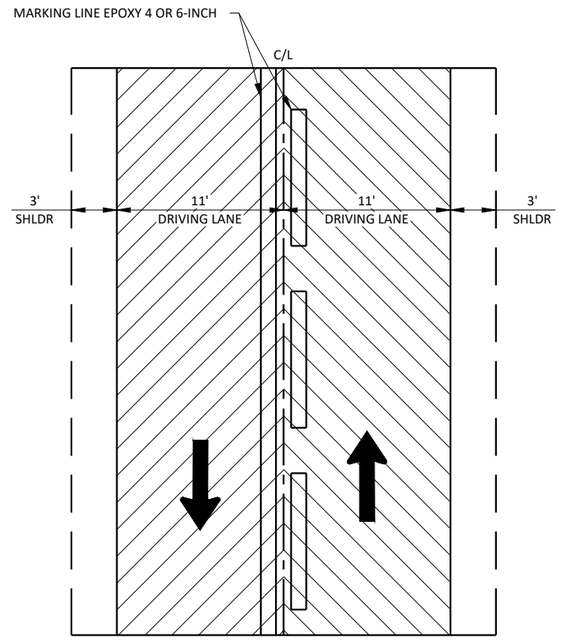
2.25" LOWER LAYER (BINDER COURSE LAYER) PLACED DURING FIRST AND SECOND PASS

NOTES:
PLACE "NO PASSING ZONE" (R4-1, 24" X 30"), "UNEVEN LANES" (W8-11, 48" X 48"), AND "SHOULDER DROPOFF" (W8-9A, 48" X 48") EVERY 1 MILE ALONG THE PROJECT LENGTH.



CROSS SECTION VIEW

HMA PAVING SEQUENCE OF OPERATIONS: THIRD PASS DETAIL

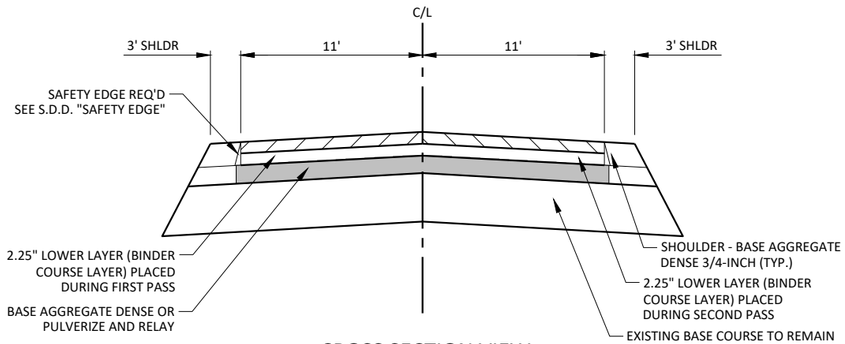


PLAN VIEW

THIRD PASS 1.75" HMA PAVEMENT
4 LT 58-34 S PAVING LIMITS

FOURTH PASS 1.75" HMA PAVEMENT
4 LT 58-34 S PAVING LIMITS

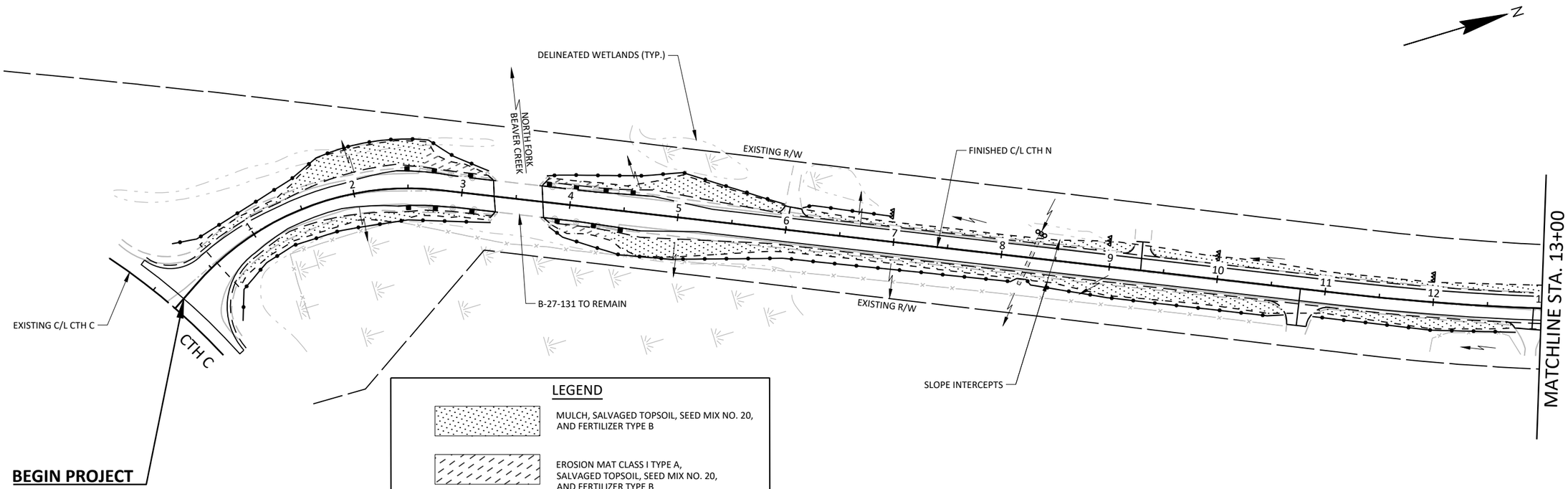
NOTE: REFER TO STANDARD DETAIL DRAWING "LONGITUDINAL MARKING (MAINLINE)" FOR ADDITIONAL INFORMATION



CROSS SECTION VIEW

HMA PAVING SEQUENCE OF OPERATIONS: FOURTH PASS DETAIL

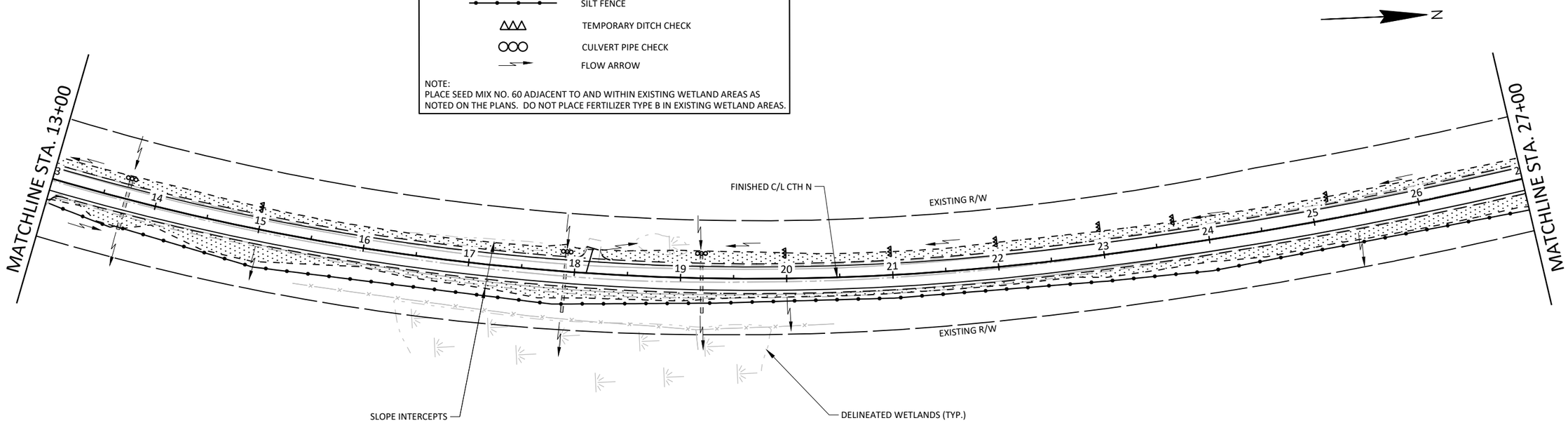
2



LEGEND

- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

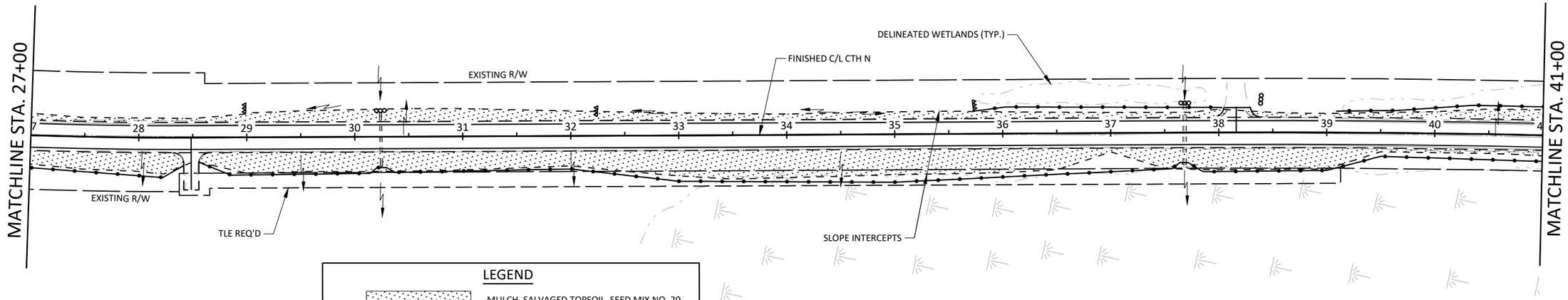
NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 19	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_EROSION CONTROL.DWG PLOT DATE : 7/23/2024 1:51:37 PM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 17 - 1

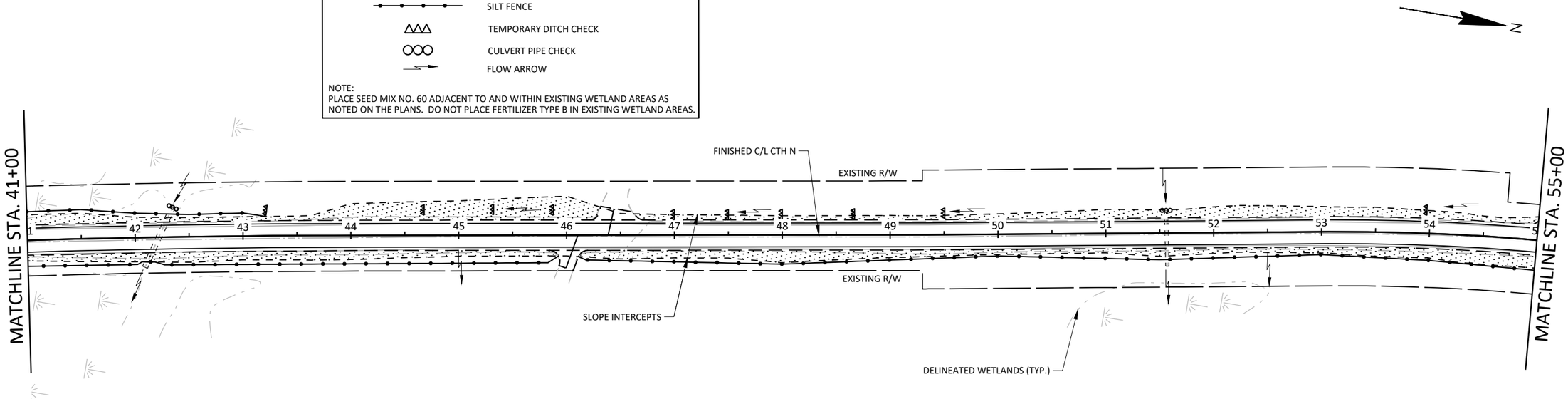
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LEGEND

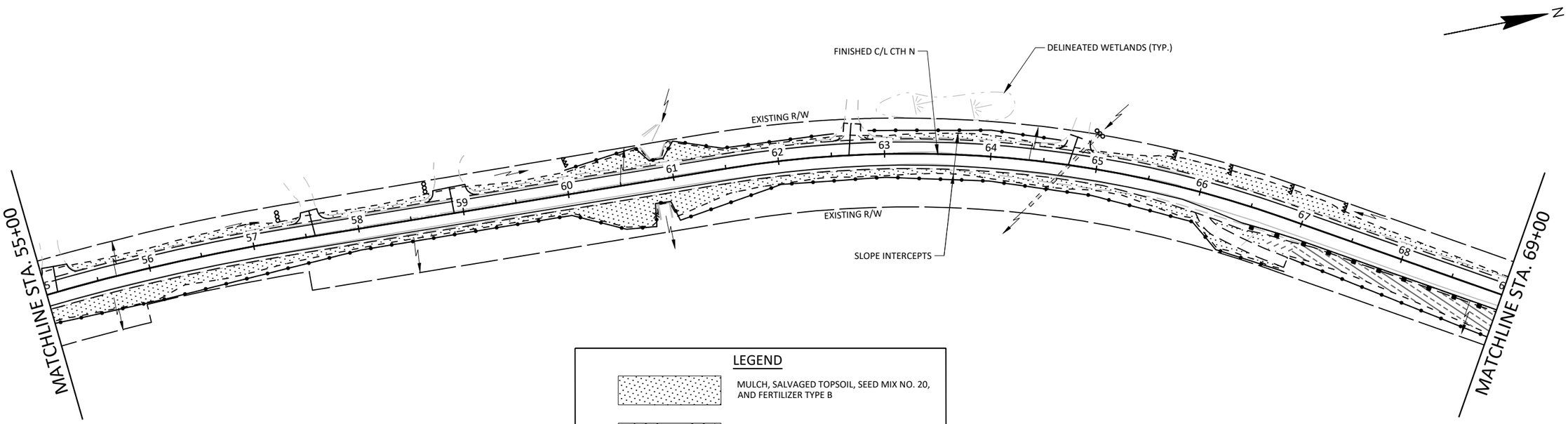
- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 20	E

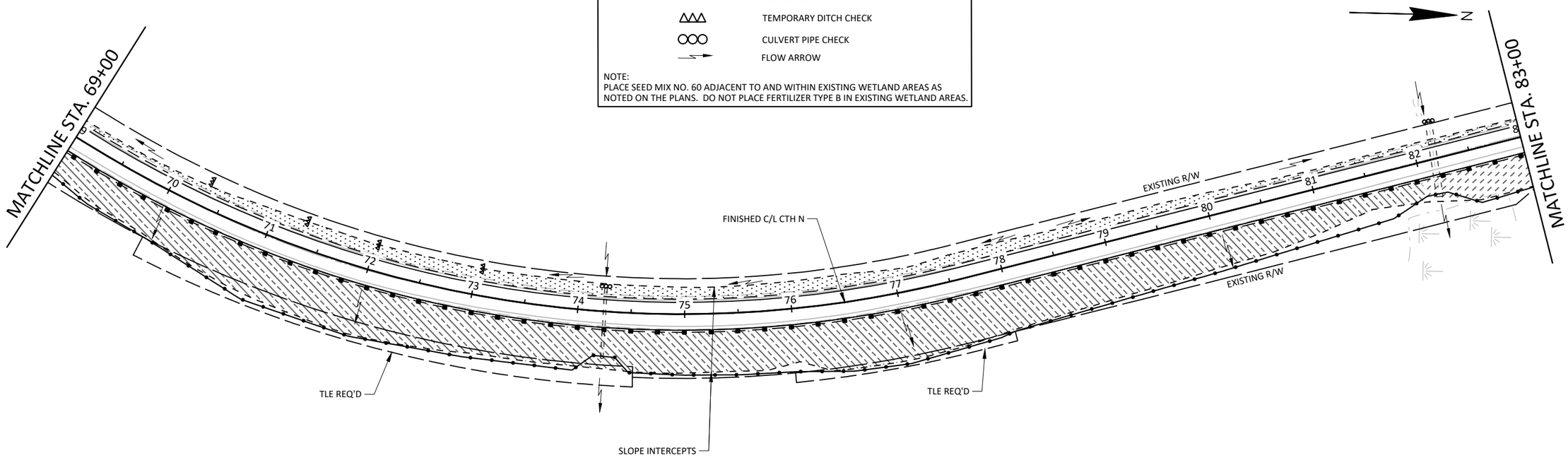
2



LEGEND

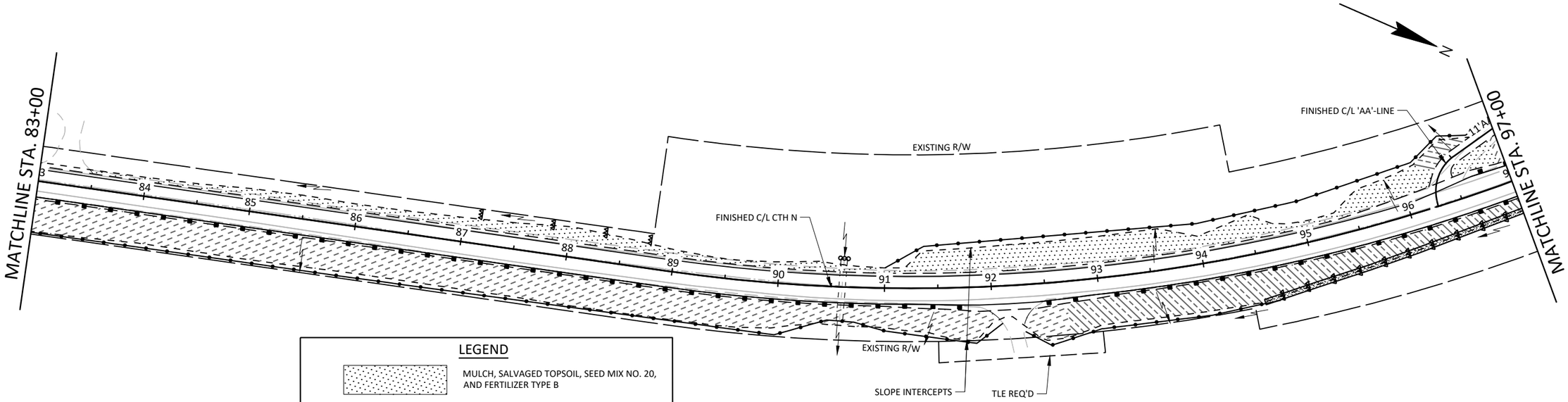
- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 21	E

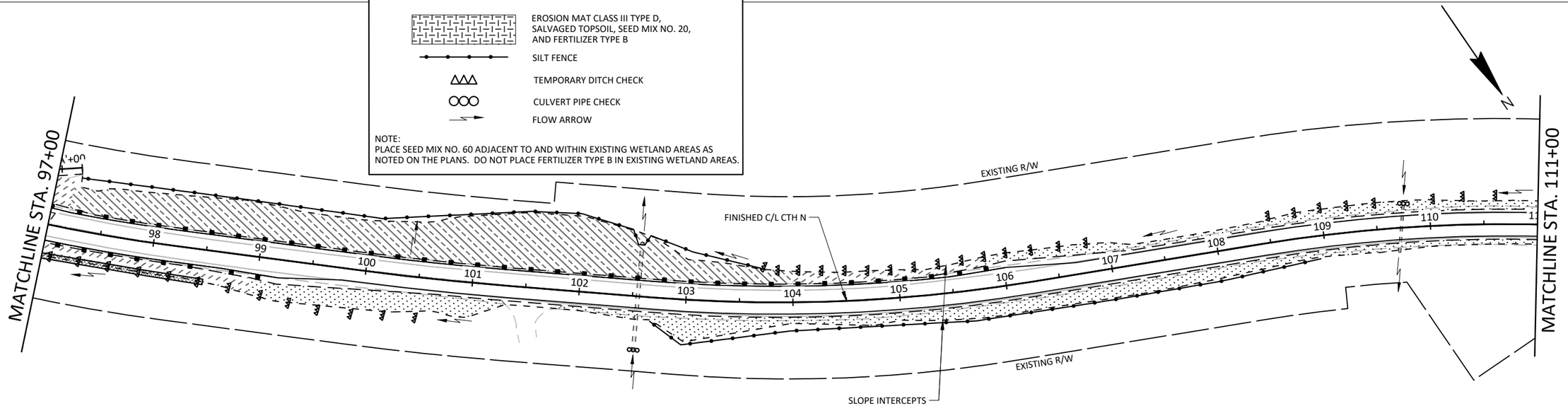
2



LEGEND

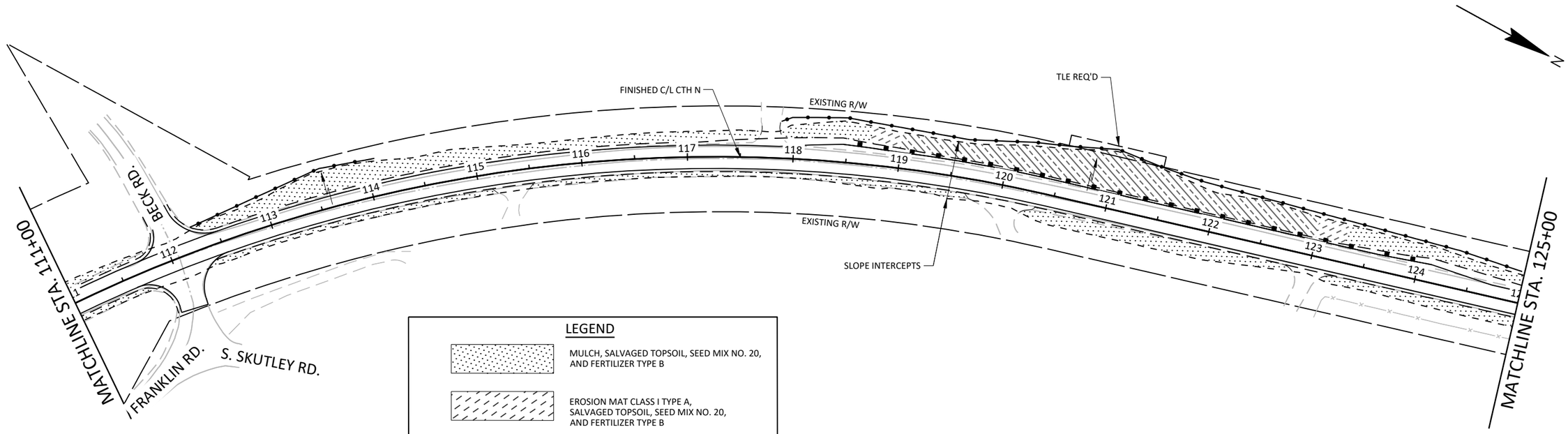
- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS III TYPE D, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 22	E

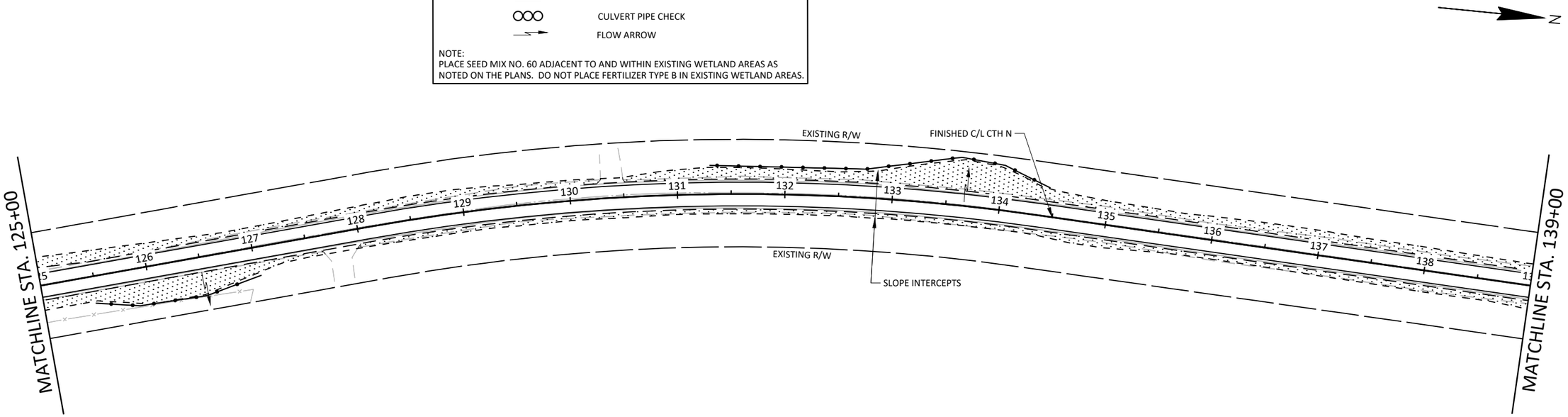
2



LEGEND

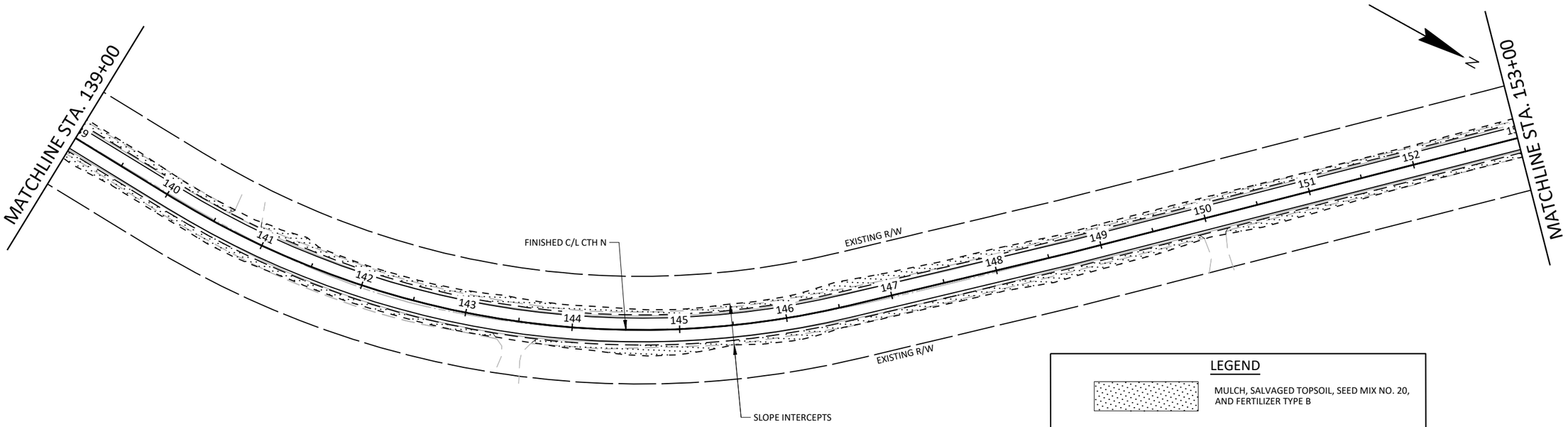
- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 23	E

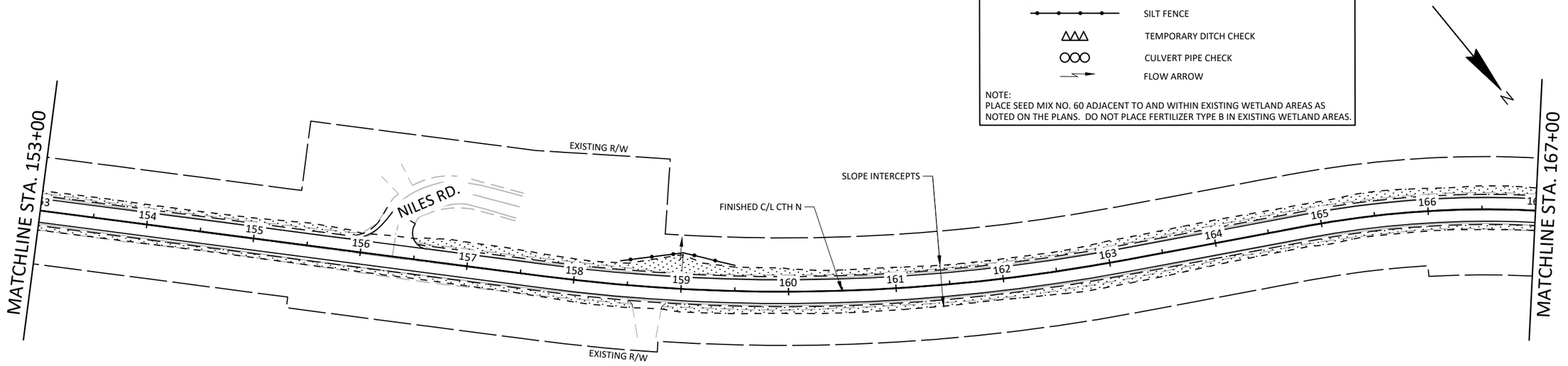
2



LEGEND

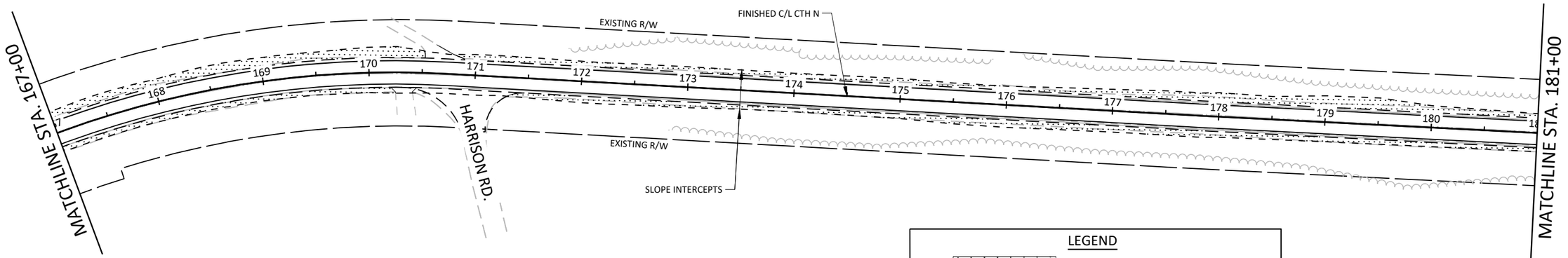
- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 24	E

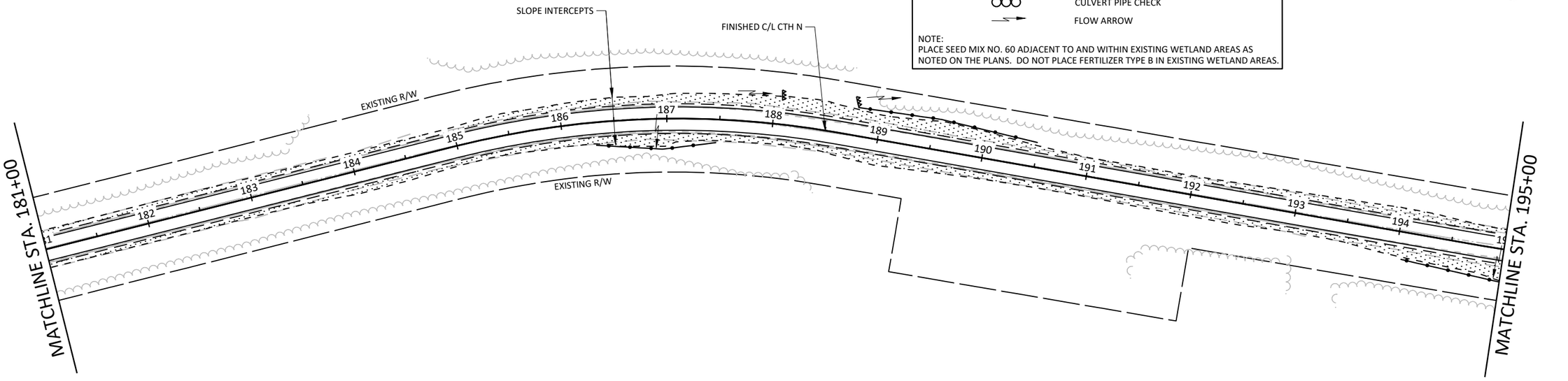
2



LEGEND

- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

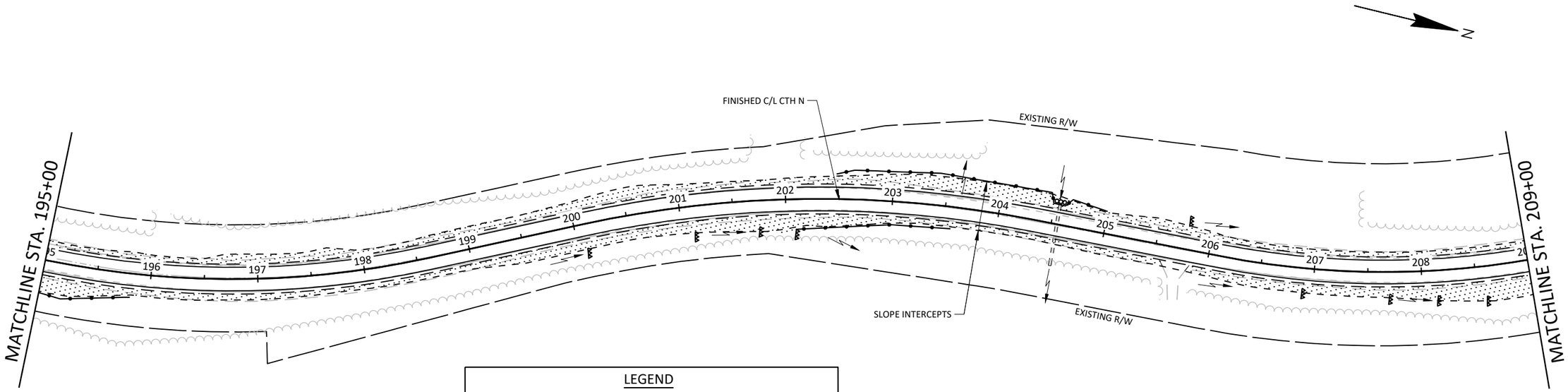
NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 25	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_EROSION CONTROL.DWG PLOT DATE : 7/23/2024 1:52:04 PM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 23 - 7

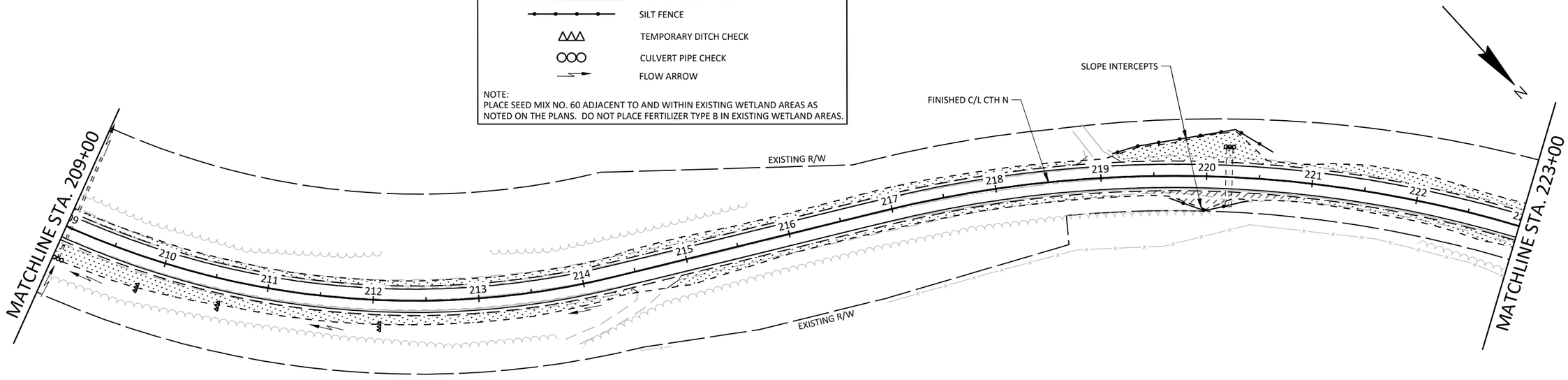
2



LEGEND

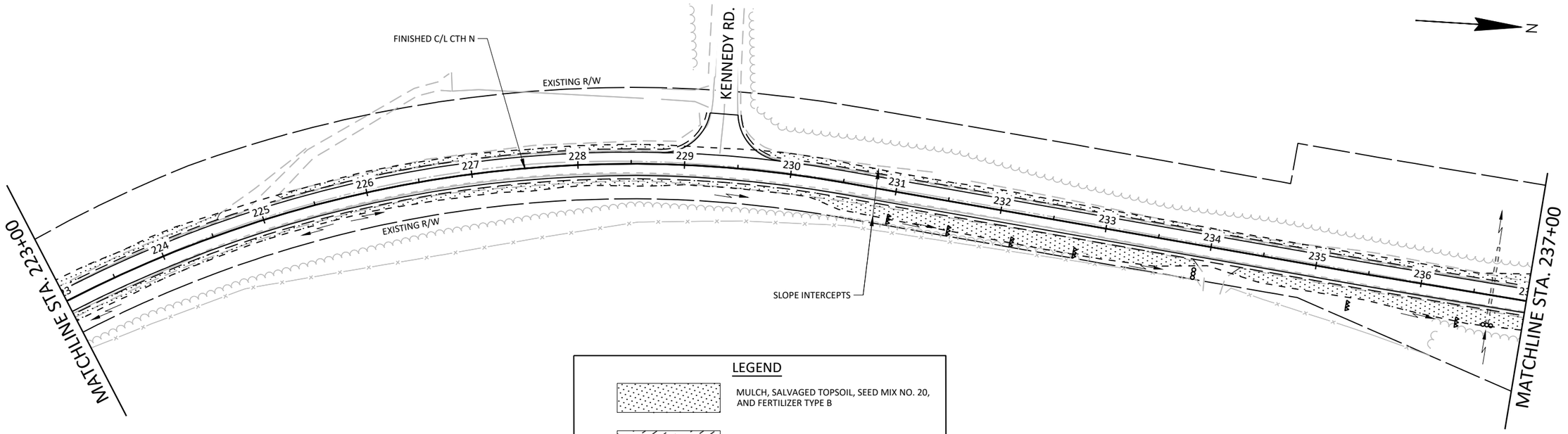
- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 26	E

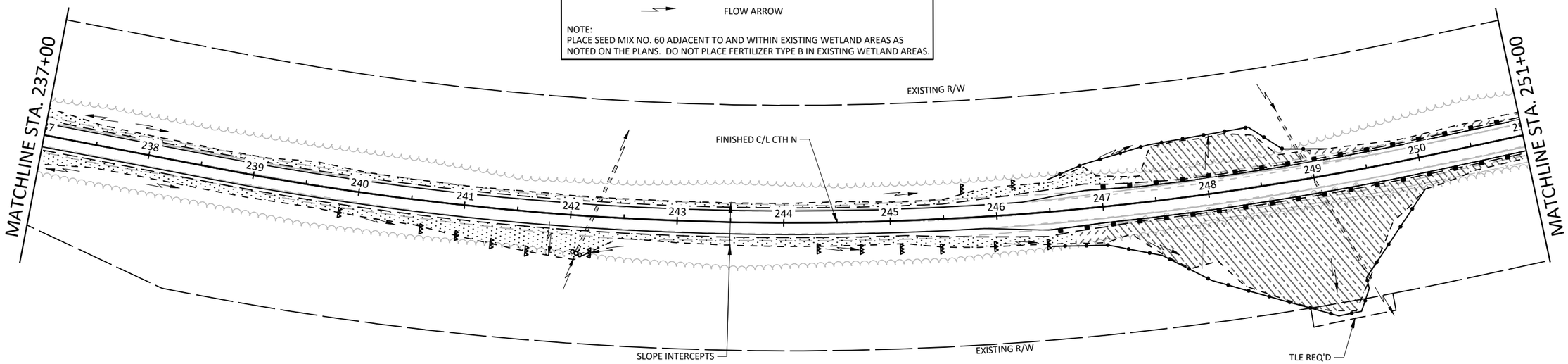
2



LEGEND

- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

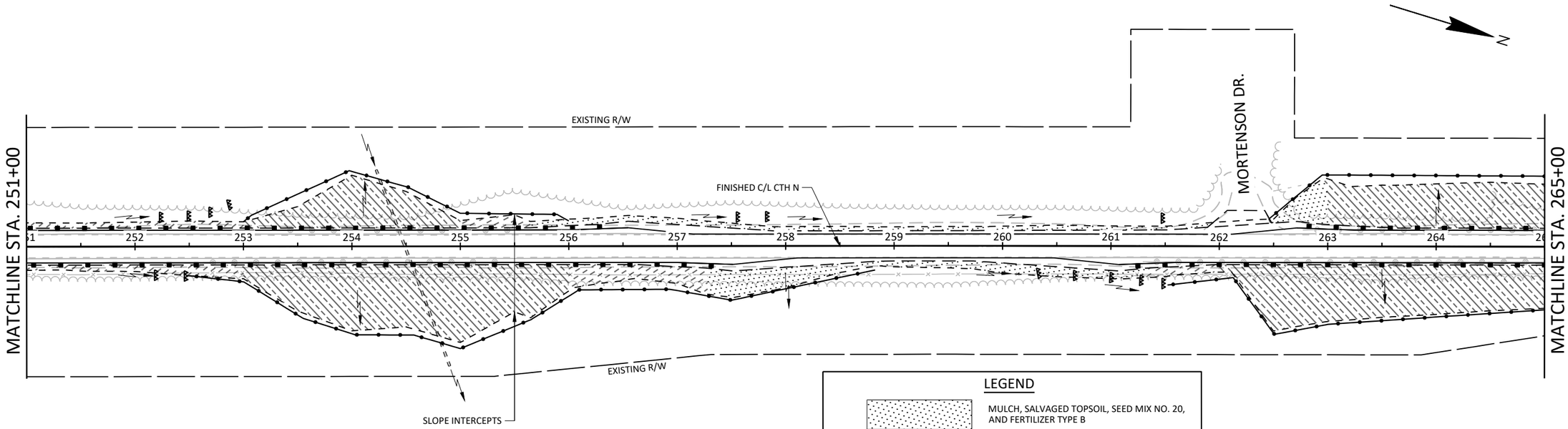
NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 27	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_EROSION CONTROL.DWG PLOT DATE : 7/23/2024 1:52:13 PM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 25 - 9

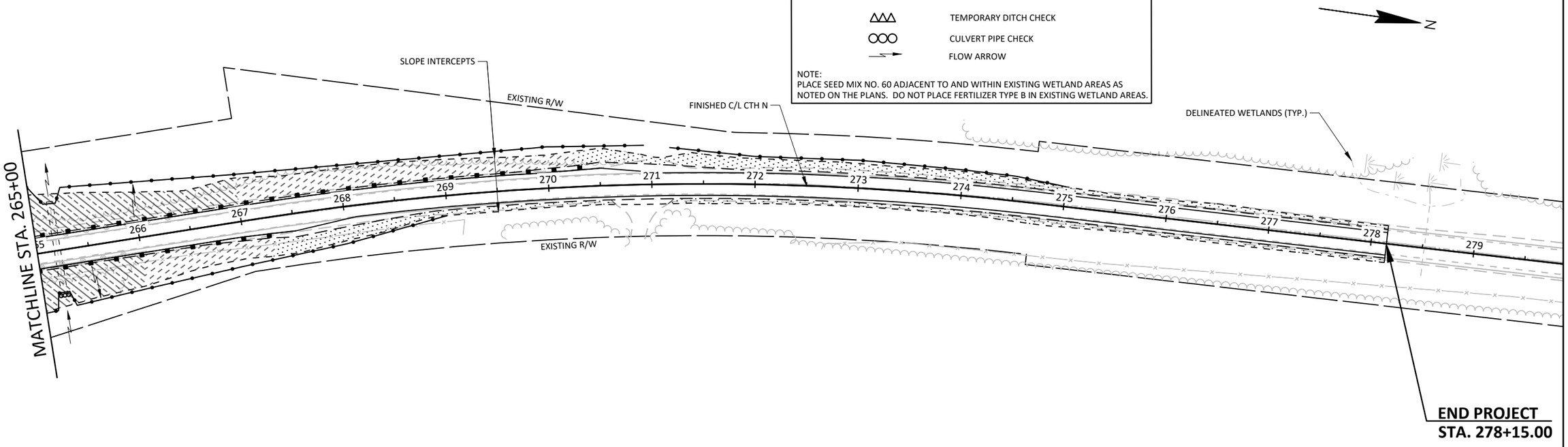
2



LEGEND

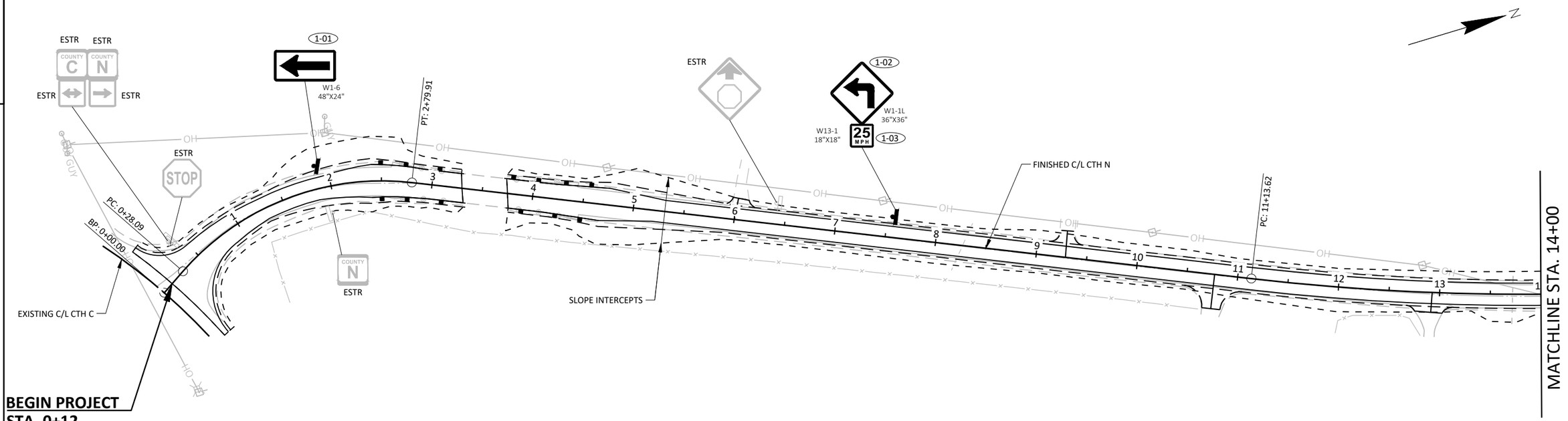
- MULCH, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS I TYPE A, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- EROSION MAT CLASS II TYPE B, SALVAGED TOPSOIL, SEED MIX NO. 20, AND FERTILIZER TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- FLOW ARROW

NOTE:
PLACE SEED MIX NO. 60 ADJACENT TO AND WITHIN EXISTING WETLAND AREAS AS NOTED ON THE PLANS. DO NOT PLACE FERTILIZER TYPE B IN EXISTING WETLAND AREAS.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	EROSION CONTROL	SHEET 28	E

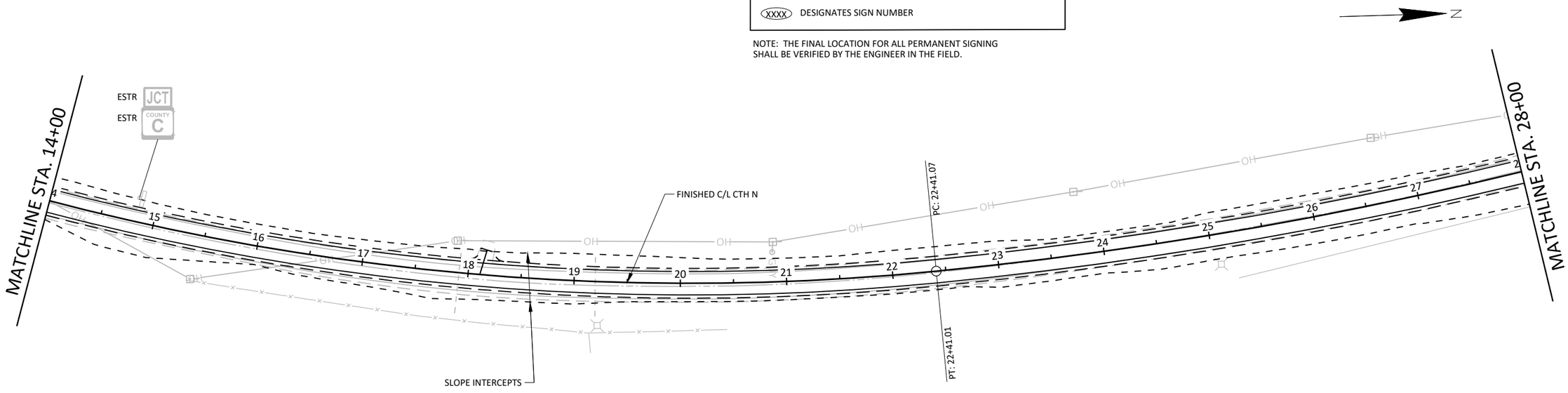
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_EROSION CONTROL.DWG
PLOT DATE : 7/23/2024 1:52:17 PM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 26 - 10



LEGEND

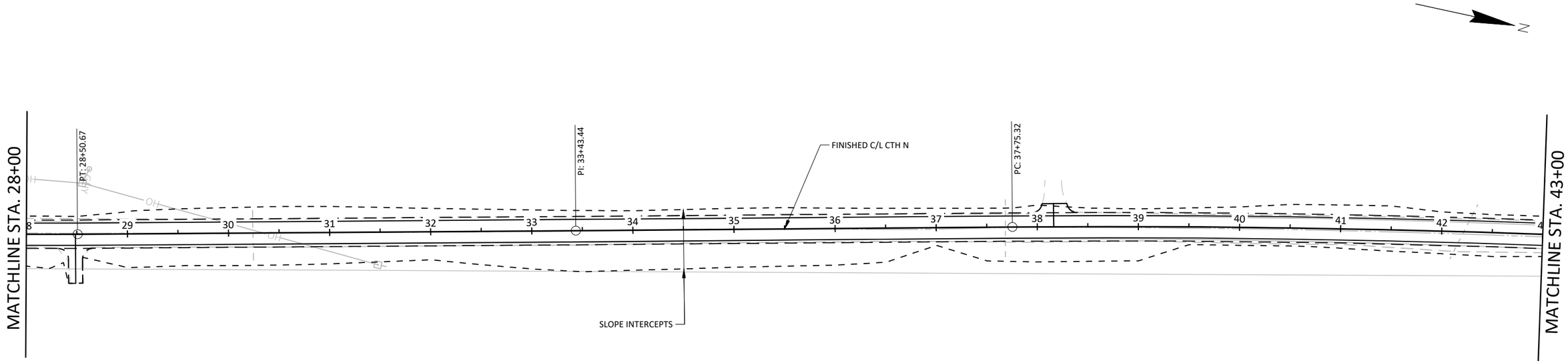
- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DESIGNATES SIGN NUMBER

NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PERMANENT SIGNING	SHEET 29	E

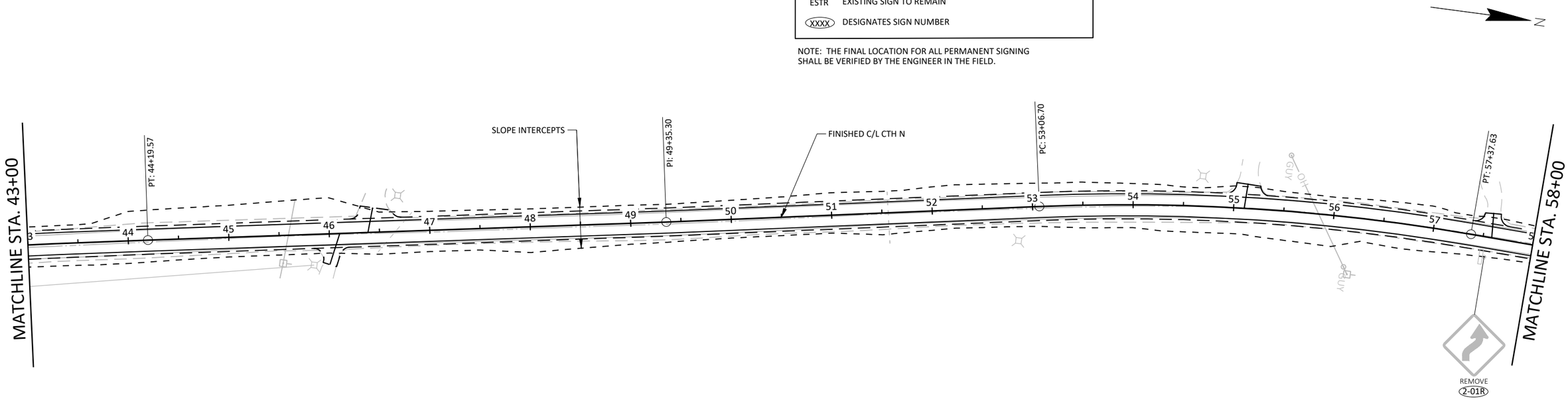
2



LEGEND

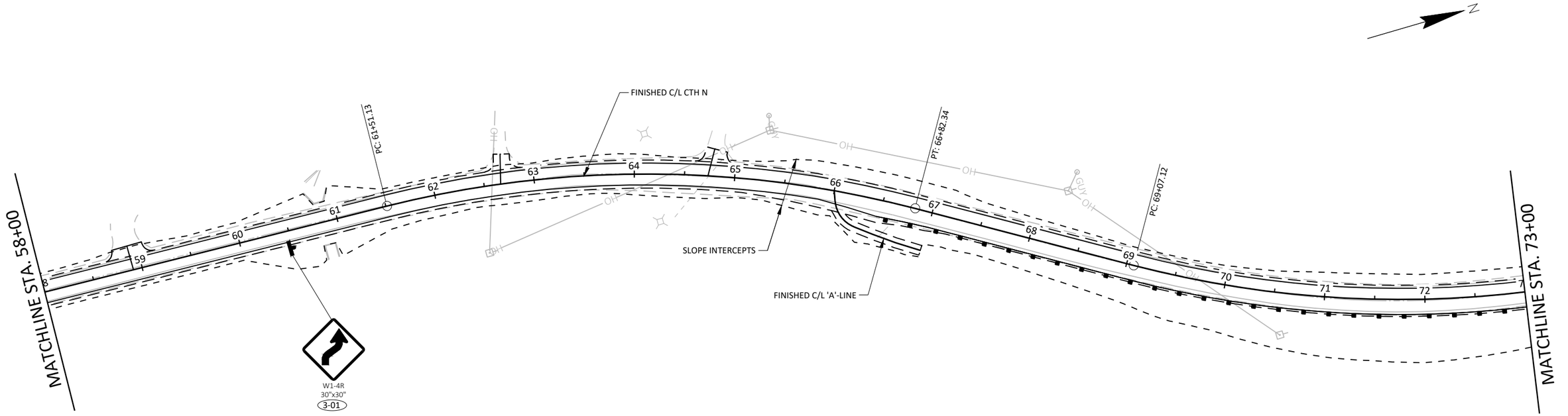
- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DESIGNATES SIGN NUMBER

NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PERMANENT SIGNING	SHEET 30	E

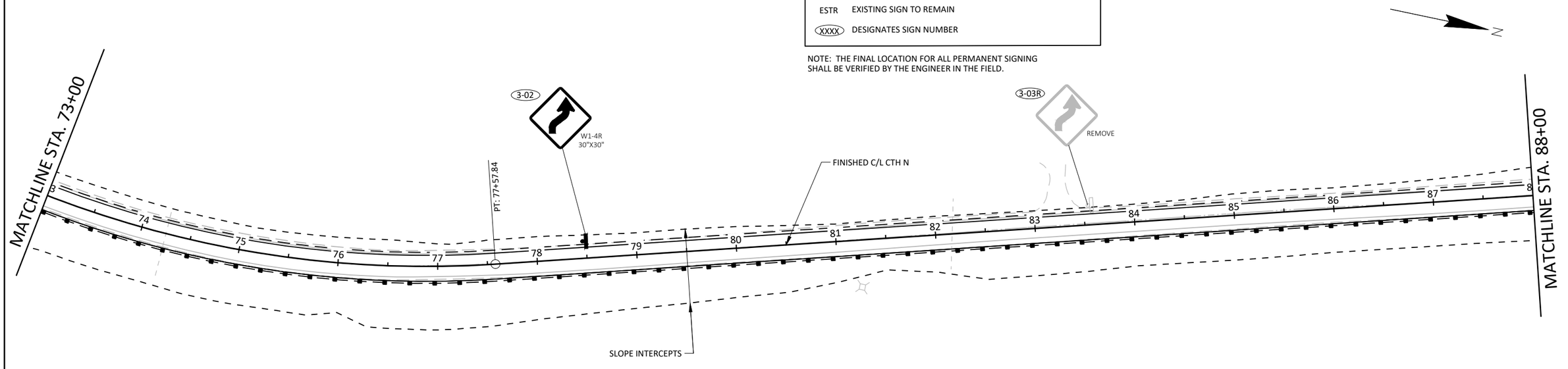
2



LEGEND

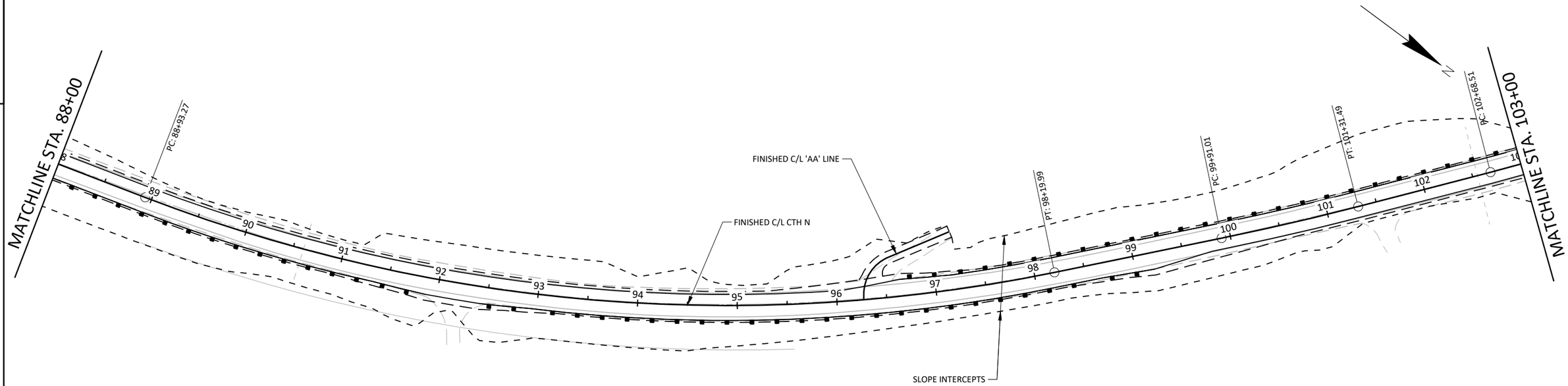
- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DESIGNATES SIGN NUMBER

NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PERMANENT SIGNING	SHEET 31	E

2

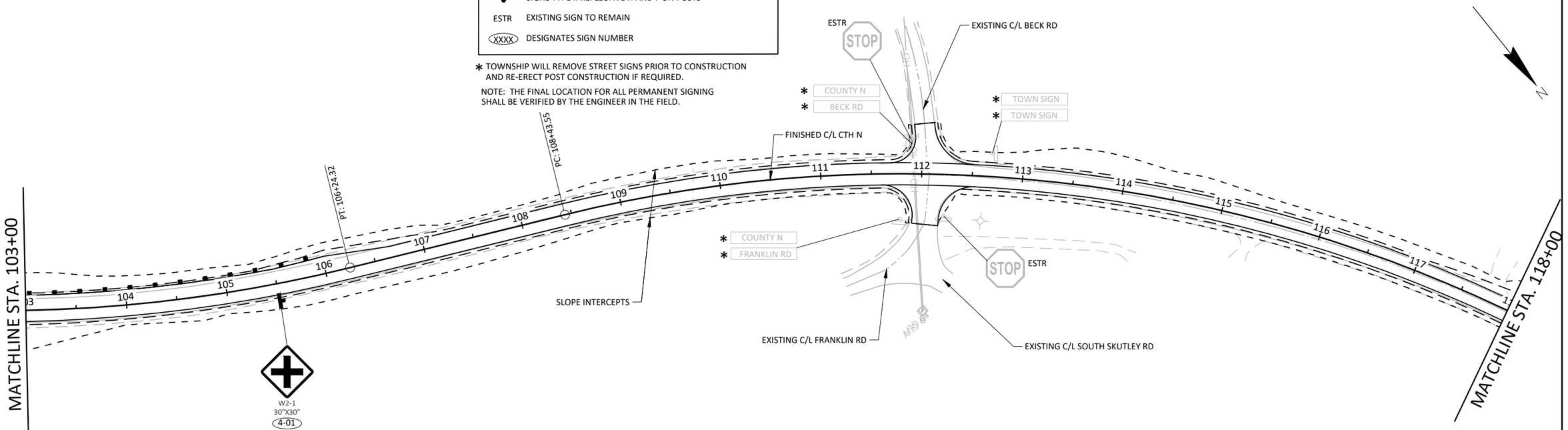


LEGEND

- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- XXXX DESIGNATES SIGN NUMBER

* TOWNSHIP WILL REMOVE STREET SIGNS PRIOR TO CONSTRUCTION AND RE-ERECT POST CONSTRUCTION IF REQUIRED.

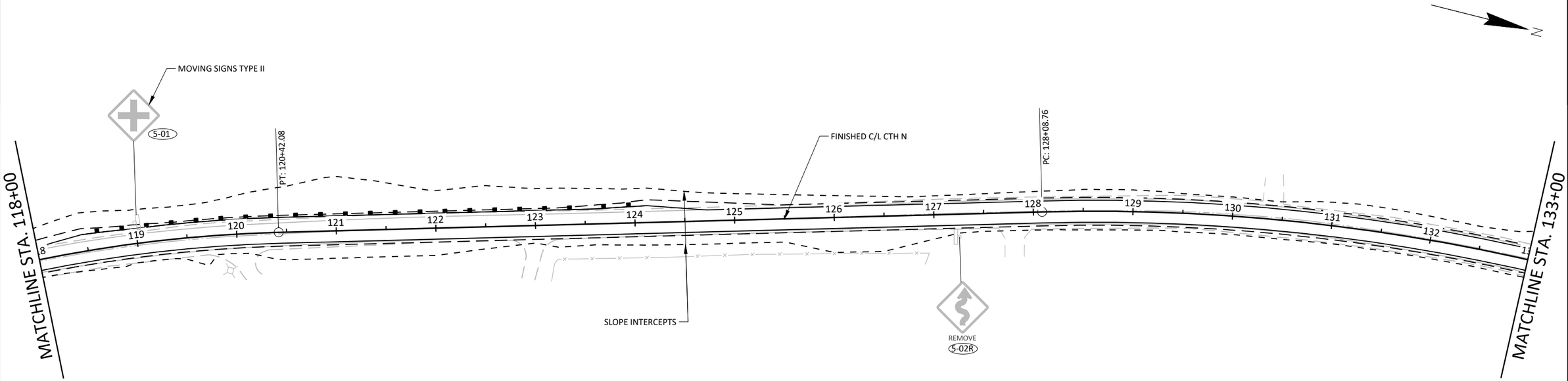
NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PERMANENT SIGNING	SHEET 32	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_PERMANENT SIGNING.DWG PLOT DATE : 7/11/2024 2:02:34 PM PLOT BY : LOGAN BETTHAUSER PLOT SCALE : 1" = 1' LAYOUT : 30 - 4

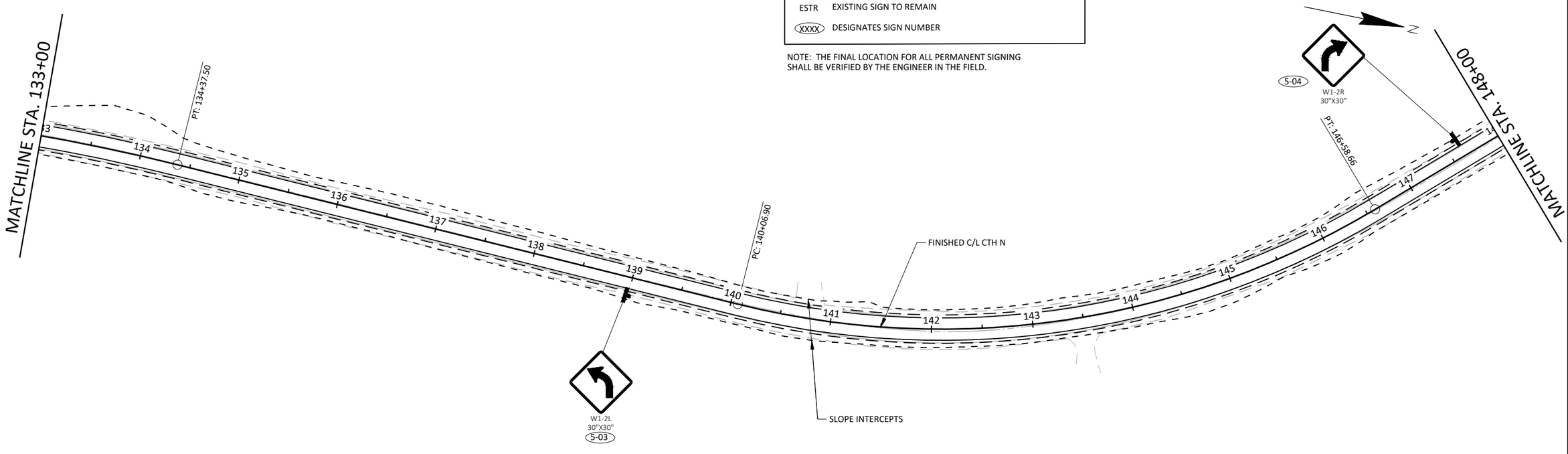
2



LEGEND

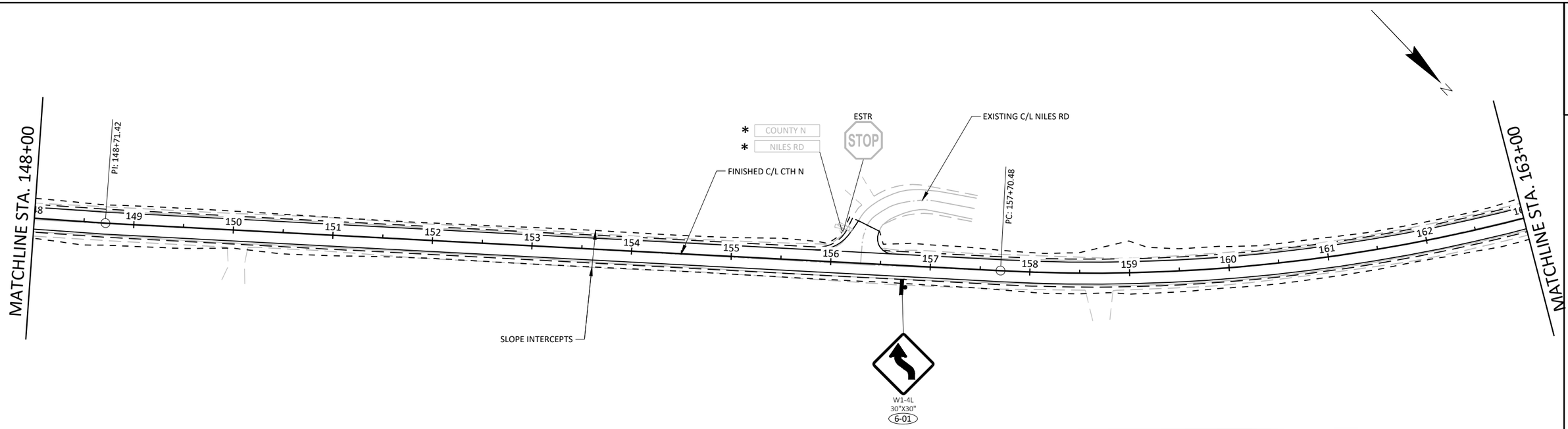
- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DESIGNATES SIGN NUMBER

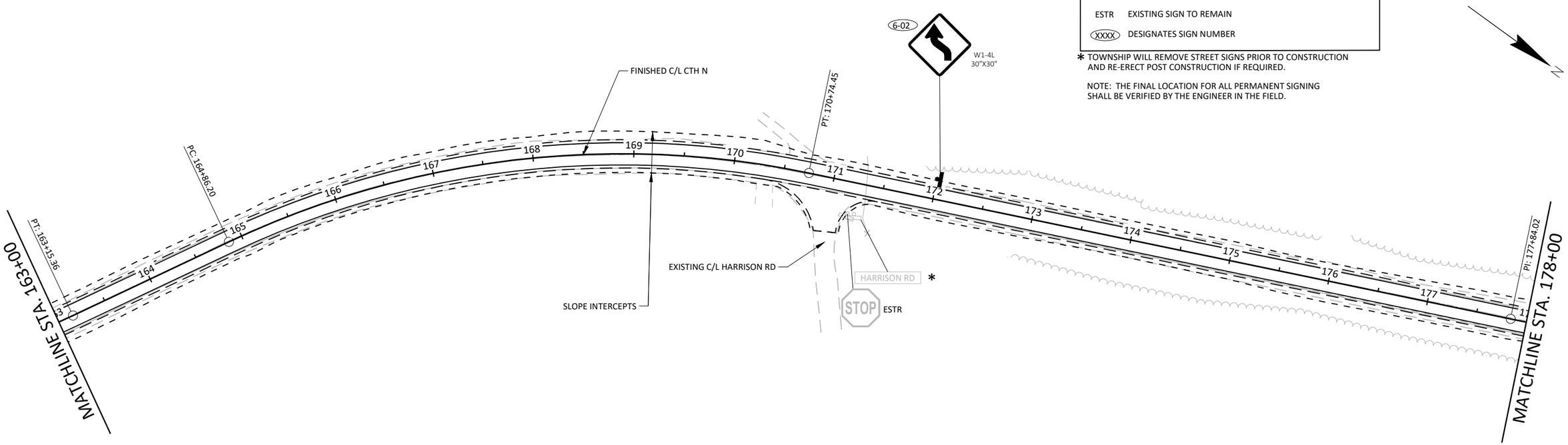
NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PERMANENT SIGNING	SHEET 33	E

2





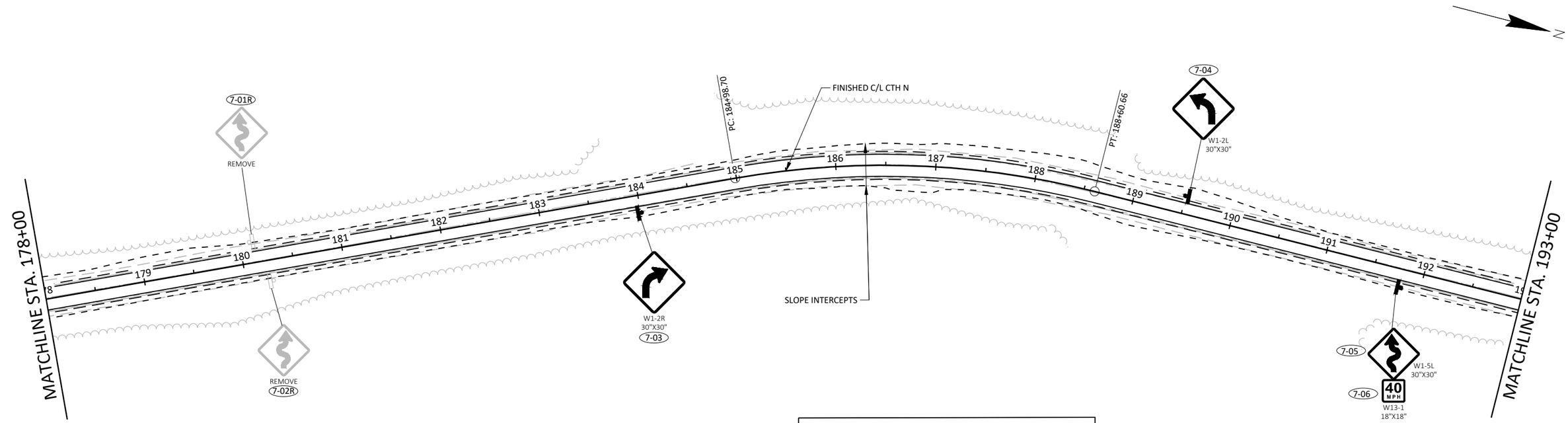
LEGEND

- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DESIGNATES SIGN NUMBER

* TOWNSHIP WILL REMOVE STREET SIGNS PRIOR TO CONSTRUCTION AND RE-ERECT POST CONSTRUCTION IF REQUIRED.

NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.

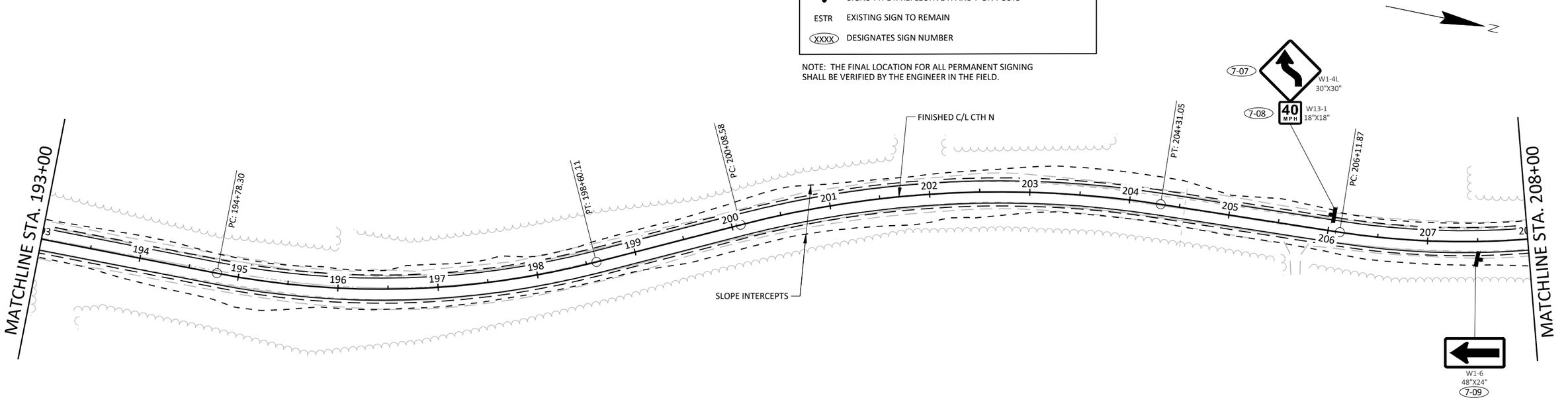
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PERMANENT SIGNING	SHEET 34	E



LEGEND

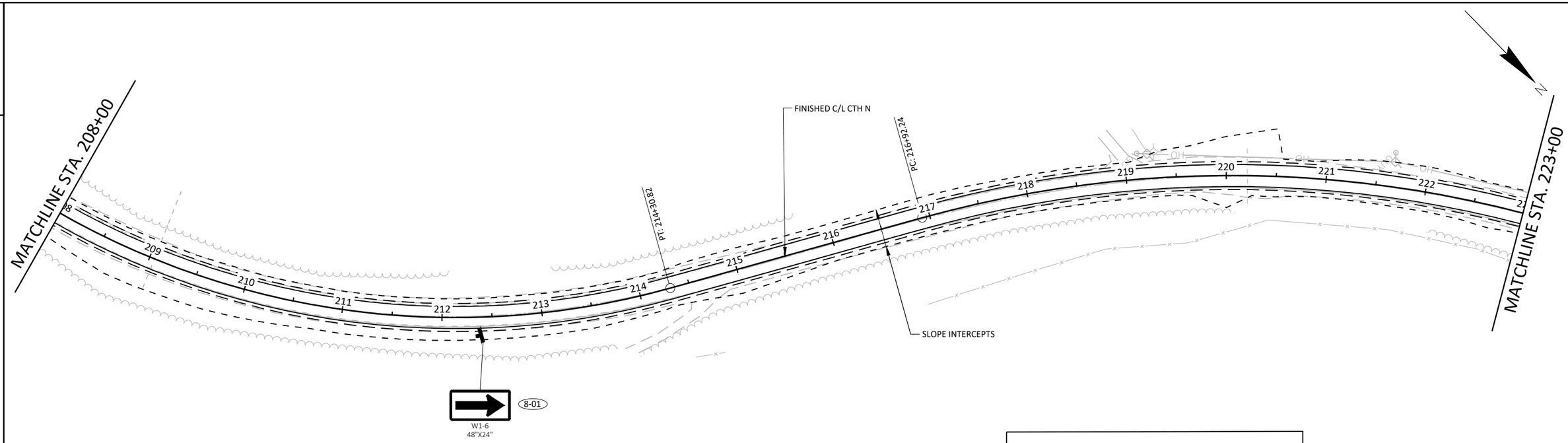
- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DESIGNATES SIGN NUMBER

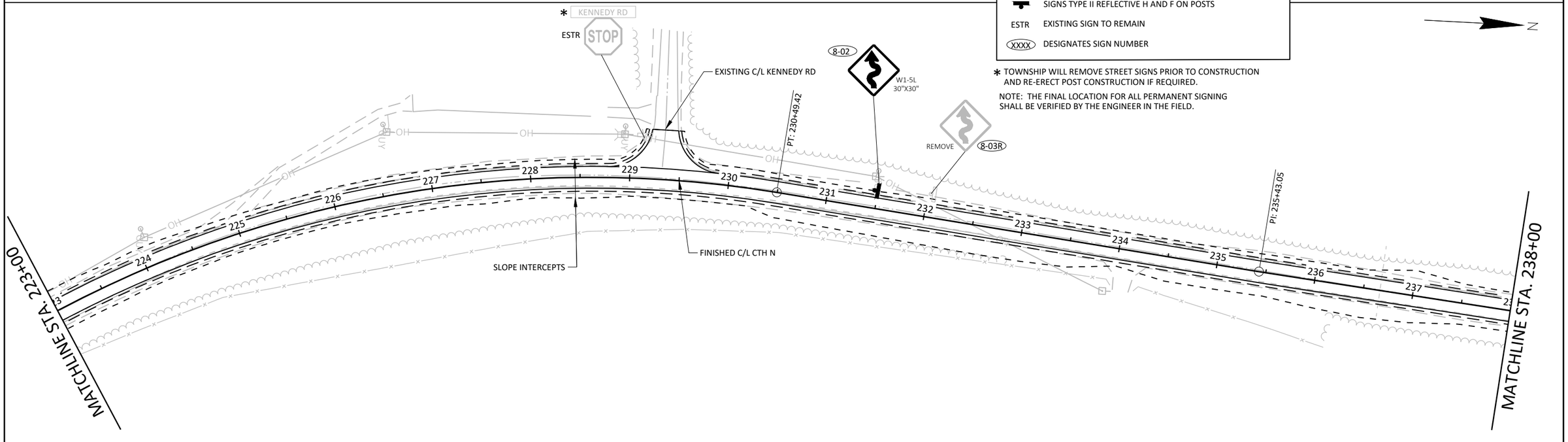
NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PERMANENT SIGNING	SHEET 35	E

2





LEGEND

- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- XXXX DESIGNATES SIGN NUMBER

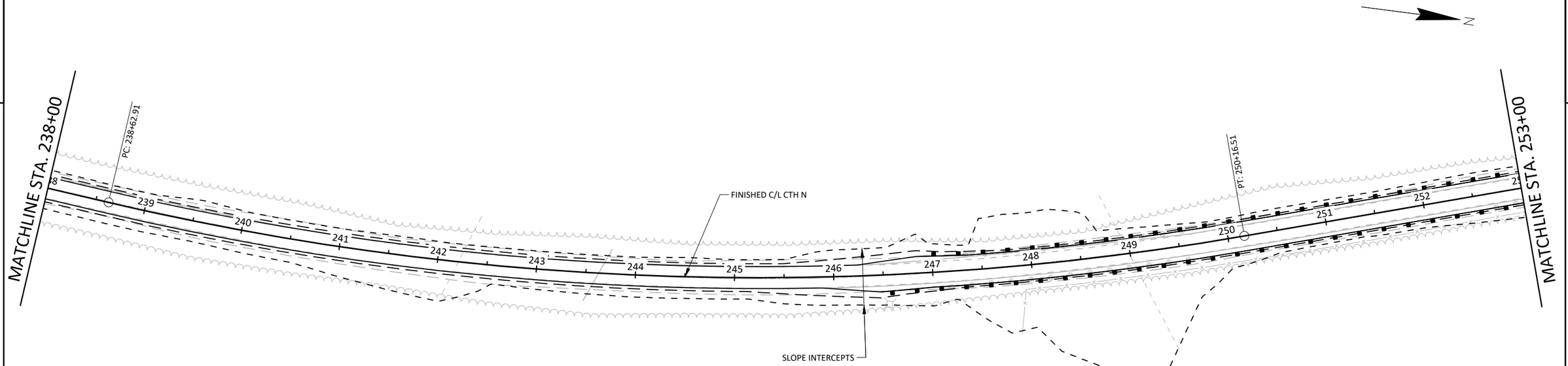
* TOWNSHIP WILL REMOVE STREET SIGNS PRIOR TO CONSTRUCTION AND RE-ERECT POST CONSTRUCTION IF REQUIRED.

NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PERMANENT SIGNING	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_PERMANENT SIGNING.DWG PLOT DATE : 7/11/2024 2:02:54 PM PLOT BY : LOGAN BETTHAUSER PLOT SCALE : 1" = 1' LAYOUT : 34 - 8

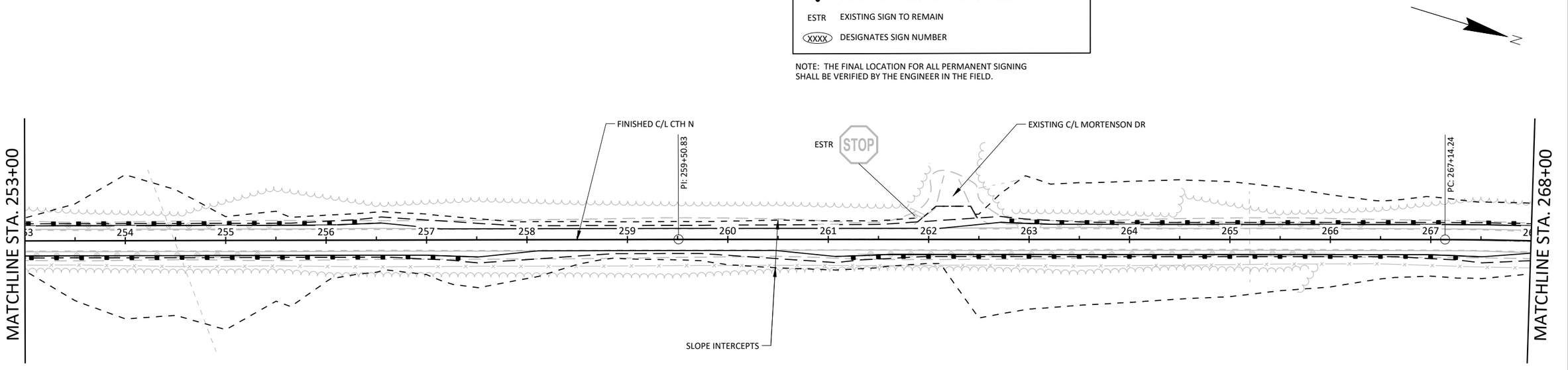
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LEGEND

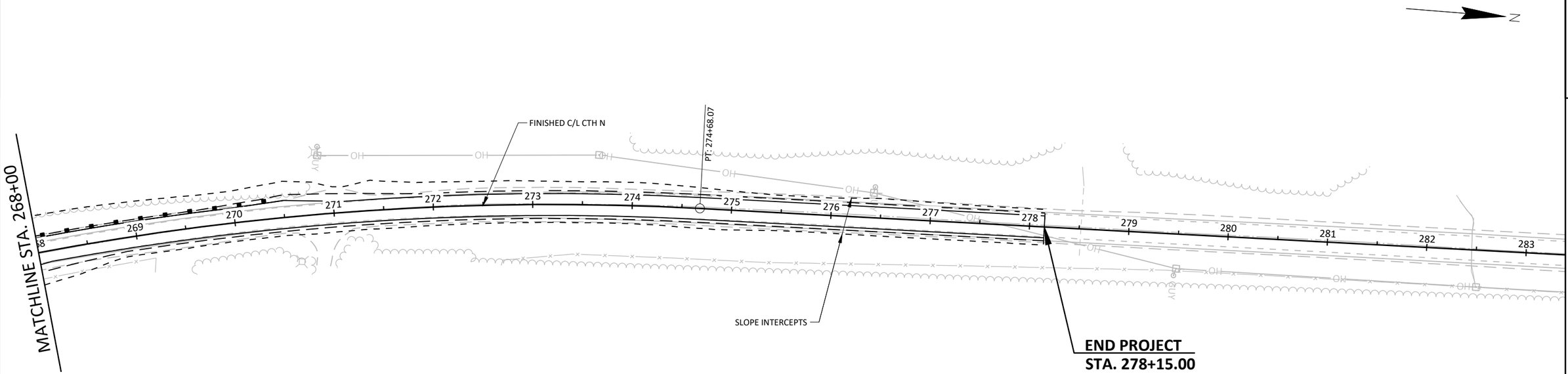
- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DESIGNATES SIGN NUMBER

NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PERMANENT SIGNING	SHEET 37	E

2



LEGEND

- REMOVING SIGNS TYPE II/REMOVING SMALL SIGN SUPPORTS
- SIGNS TYPE II REFLECTIVE H AND F ON POSTS
- ESTR EXISTING SIGN TO REMAIN
- (XXXX) DESIGNATES SIGN NUMBER

NOTE: THE FINAL LOCATION FOR ALL PERMANENT SIGNING SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.

2

2

N

* THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F" REQUIRED. SEE S.D.D. "MIDWEST GUARDRAIL SYSTEM (MGS) THRIE BEAM TRANSITION" FOR MORE INFORMATION.

STA. 2+40 - STA. 4+75, LT.
MGS GUARDRAIL REQ'D.

POST 1 STA. 2+40 16.4' LT.
POST 5 STA. 2+64 15.6' LT.
POST 9 STA. 2+88 14.7' LT.
53.1' MGS GUARDRAIL TERMINAL EAT
39.4' MGS THRIE BEAM TRANSITION
PT: 2+79.91

12.5' MGS GUARDRAIL 3
POST 9 STA. 4+25 14.7' LT.
POST 5 STA. 4+50 15.7' LT.
POST 1 STA. 4+75 16.6' LT.
39.4' MGS THRIE BEAM TRANSITION
53.1' MGS GUARDRAIL TERMINAL EAT

STA. 6+00, LT.
B.A.D.
F.E.
STA. 5+31
11.0' LT.
10:1
3+00
4+00
5+00
6+00

STA. 1+92
11.0' LT.
10:1
FINISHED C/L CTH N
2+00
1+00
10:1
STA. 1+86
11.0' RT.

POST 1 STA. 2+40 16.1' RT.
POST 5 STA. 2+67 15.2' RT.
POST 9 STA. 2+93 14.3' RT.
53.1' MGS GUARDRAIL TERMINAL EAT
39.4' MGS THRIE BEAM TRANSITION

STA. 3+29.83 - STA. 3+75.13
(STRUCTURE B-27-131 TO REMAIN)

STA. 2+40 - STA. 4+67, RT.
MGS GUARDRAIL REQ'D.

10:1
STA. 5+19
11.0' RT.

39.4' MGS THRIE BEAM TRANSITION
53.1' MGS GUARDRAIL TERMINAL EAT
POST 9 STA. 4+17 14.3' RT.
POST 5 STA. 4+42 15.3' RT.
POST 1 STA. 4+67 16.2' RT.

LEGEND
DIRECTION OF TRAVEL

PC: 0+28.09
BEGIN PROJECT
STA. 0+12.00

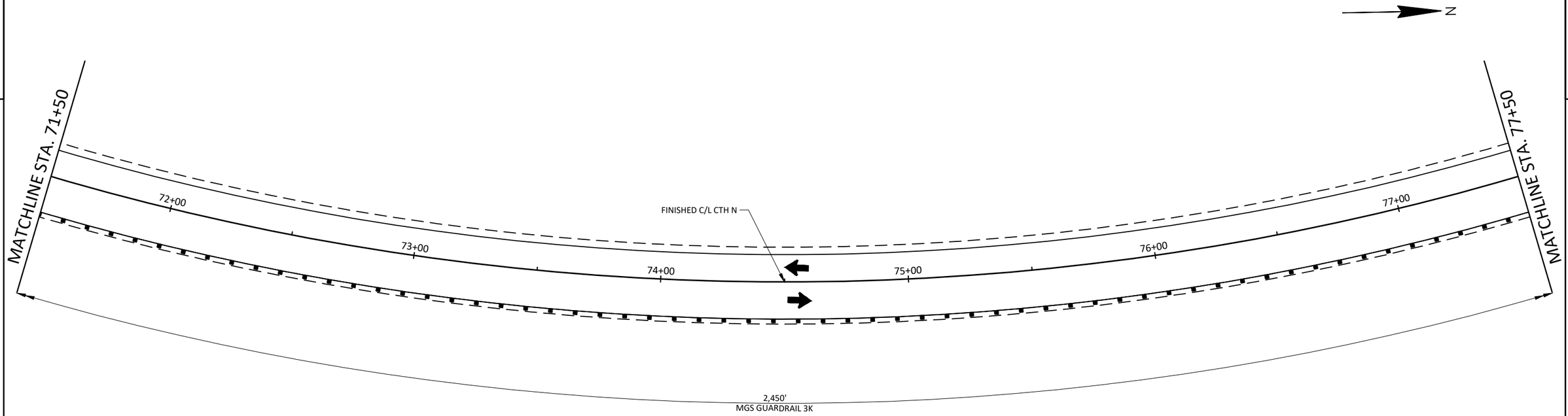
N

PT: 66+82.34
FINISHED C/L CTH N
PC: 69+07.12
66+00
67+00
68+00
69+00
70+00
71+00
MATCHLINE STA. 71+50
10:1
STA. 65+86
11.0' RT.
53.1' MGS GUARDRAIL TERMINAL EAT
2,450' MGS GUARDRAIL 3K
POST 1 STA. 66+46 17.0' RT.
POST 5 STA. 66+72 16.0' RT.
POST 9 STA. 66+97 15.0' RT.

STA. 66+46 - STA. 91+88, RT.
MGS GUARDRAIL REQ'D.

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PAVING DETAILS	SHEET 39	E

2

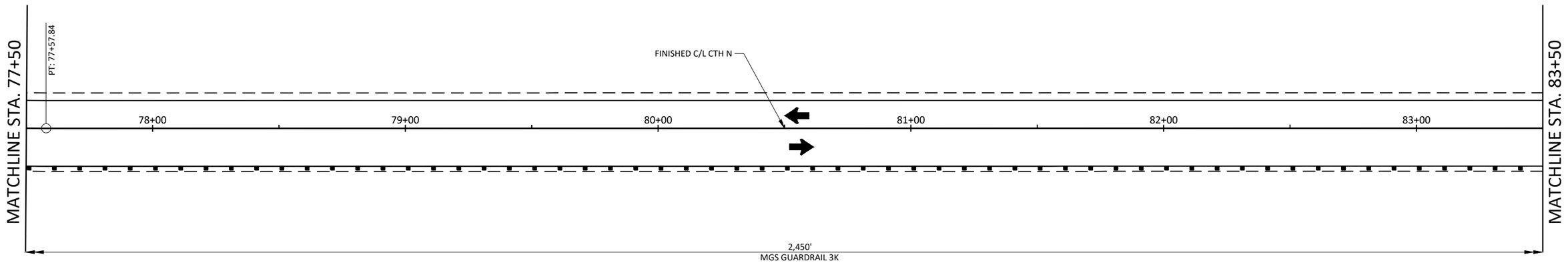


STA. 66+46 - STA. 91+88, RT.
MGS GUARDRAIL REQ'D.

LEGEND

DIRECTION OF TRAVEL



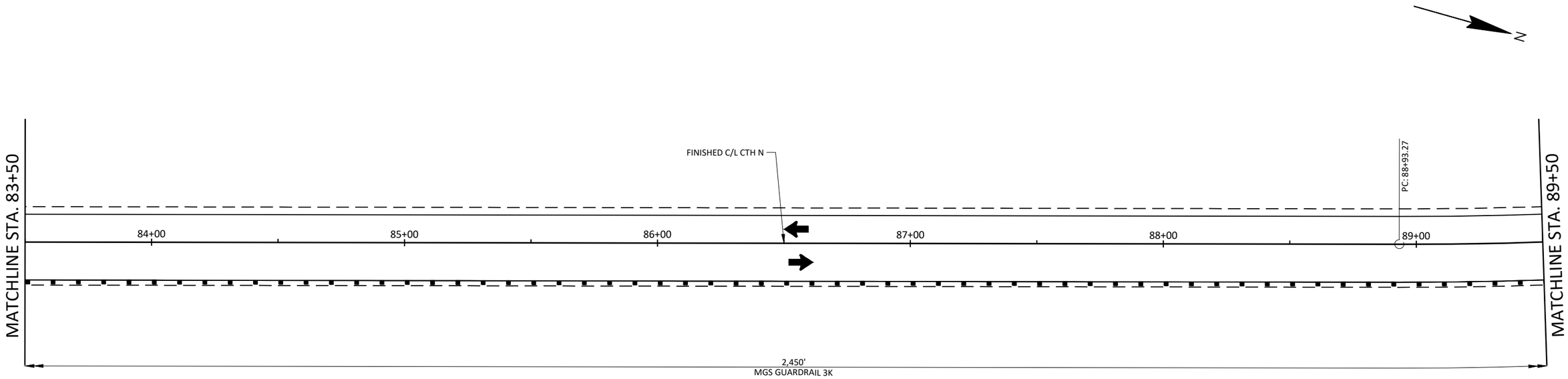


STA. 66+46 - STA. 91+88, RT.
MGS GUARDRAIL REQ'D.

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PAVING DETAILS	SHEET 40	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_PAVING DETAILS.DWG PLOT DATE : 7/11/2024 2:03:28 PM PLOT BY : LOGAN BETTHAUSER PLOT SCALE : 1" = 1' LAYOUT : 38 - 2

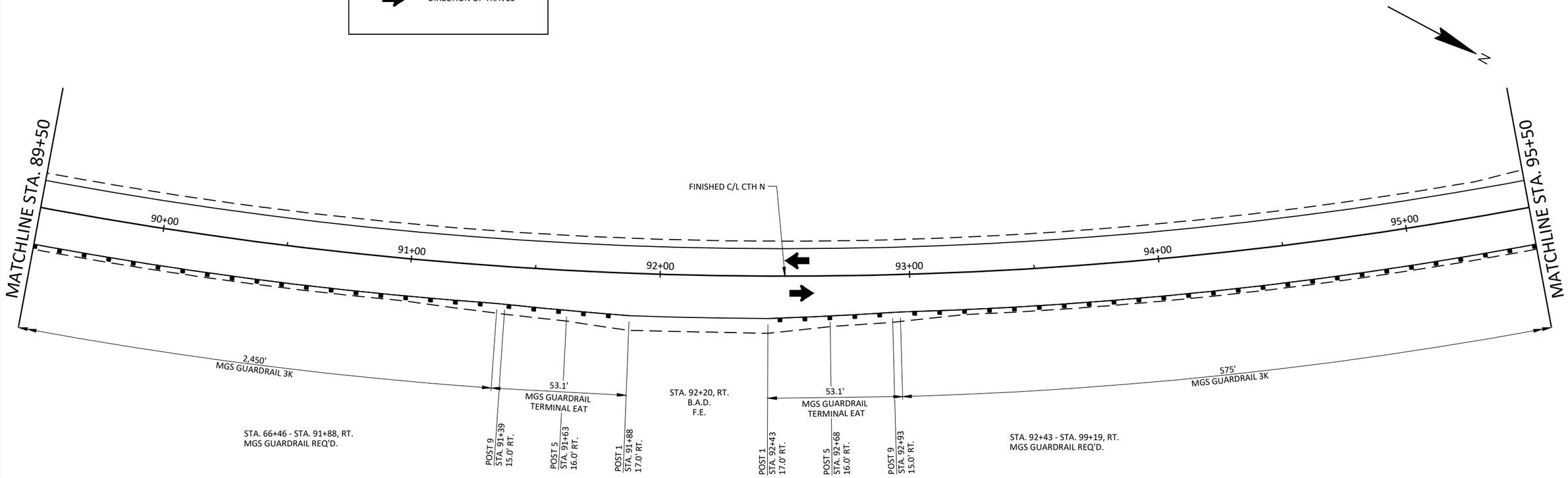
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STA. 66+46 - STA. 91+88, RT.
MGS GUARDRAIL REQ'D.

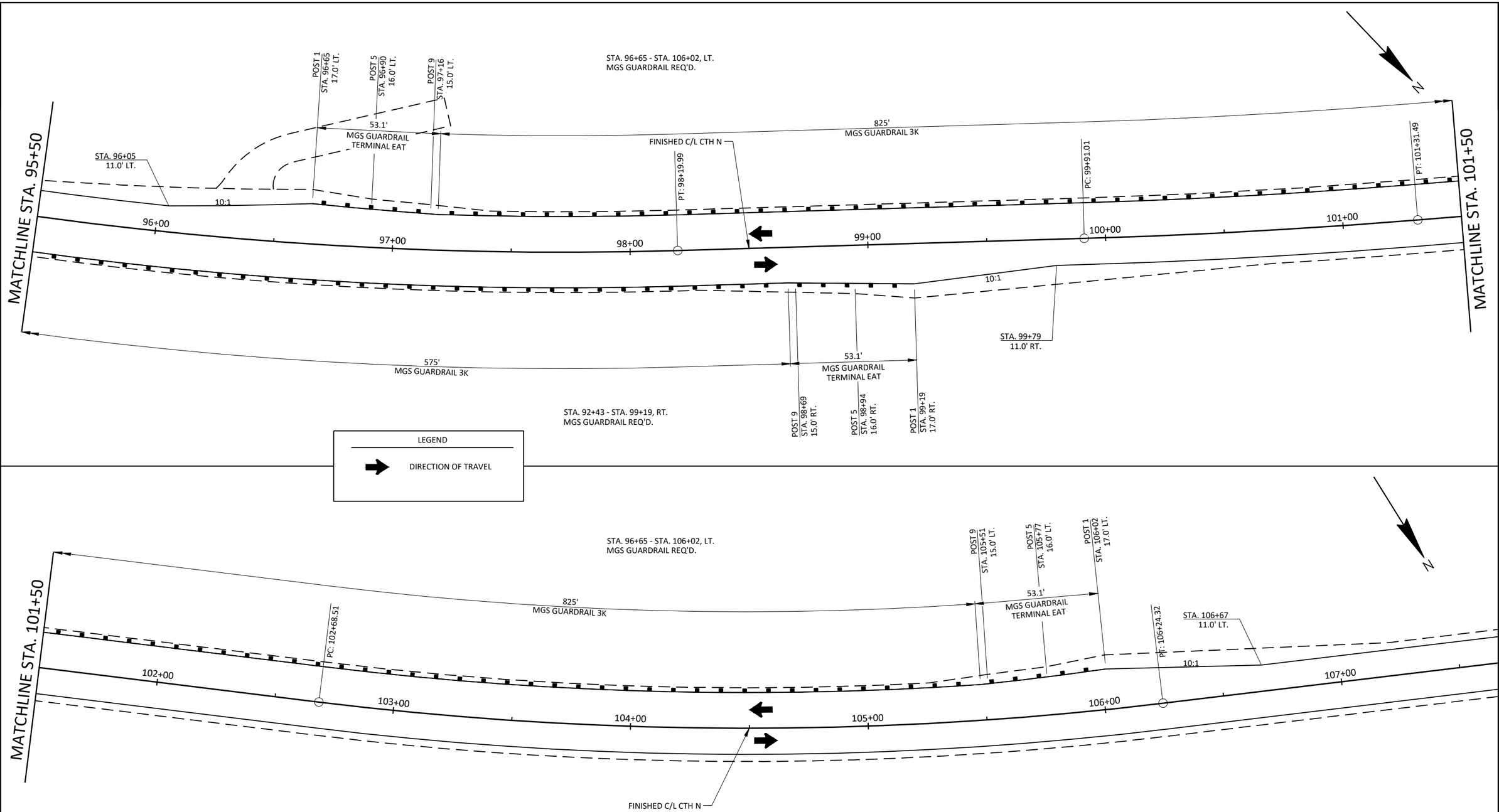
LEGEND

DIRECTION OF TRAVEL

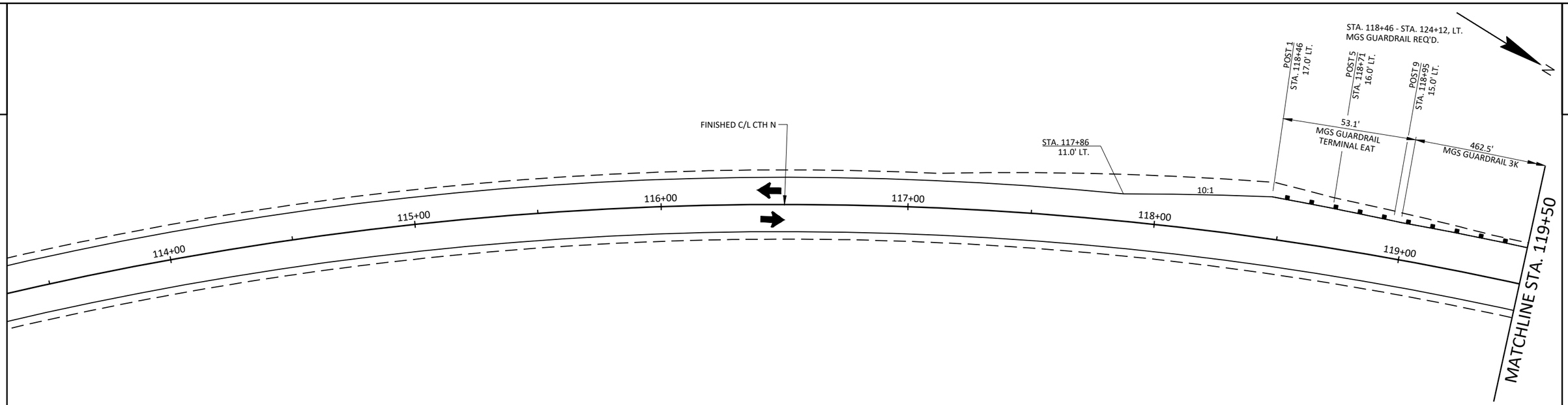


PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PAVING DETAILS	SHEET 41	E

2

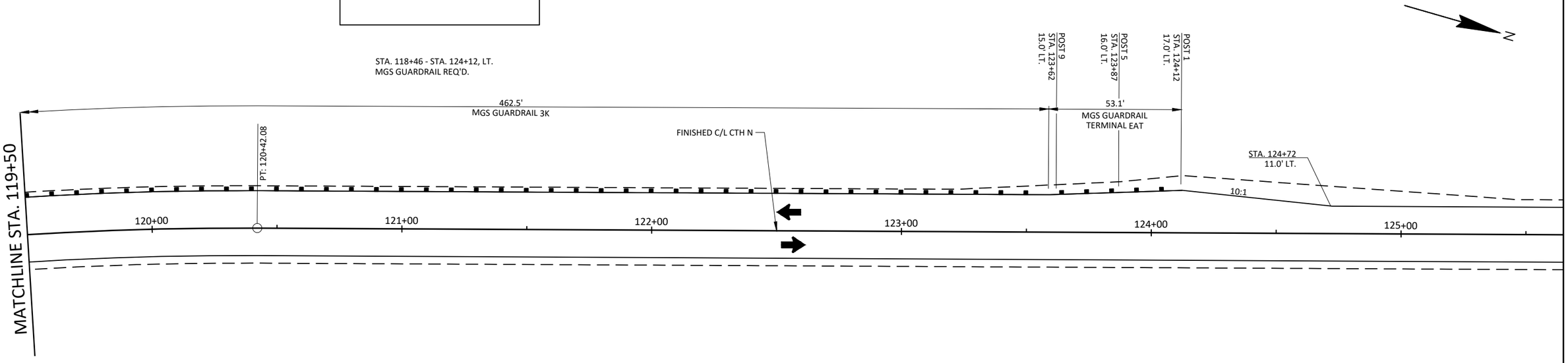


PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PAVING DETAILS	SHEET 42	E



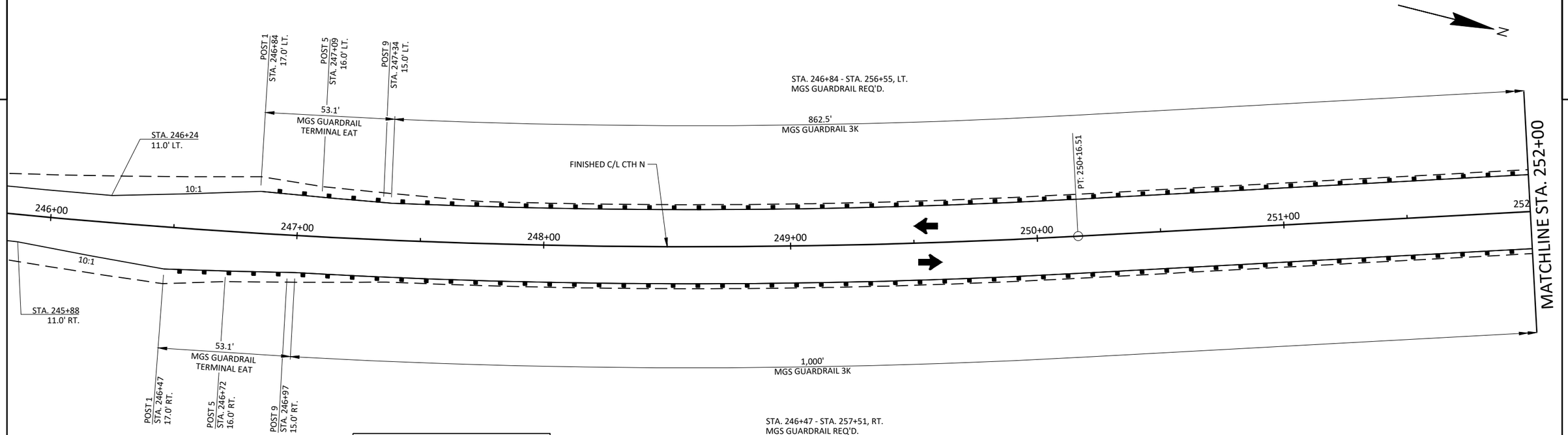
LEGEND

DIRECTION OF TRAVEL



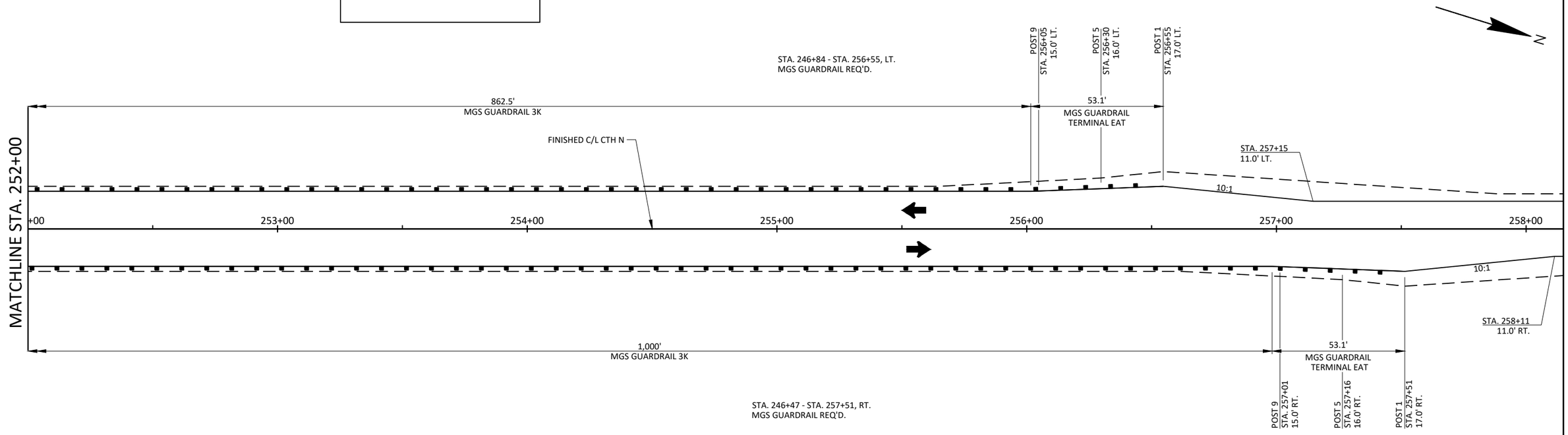
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2

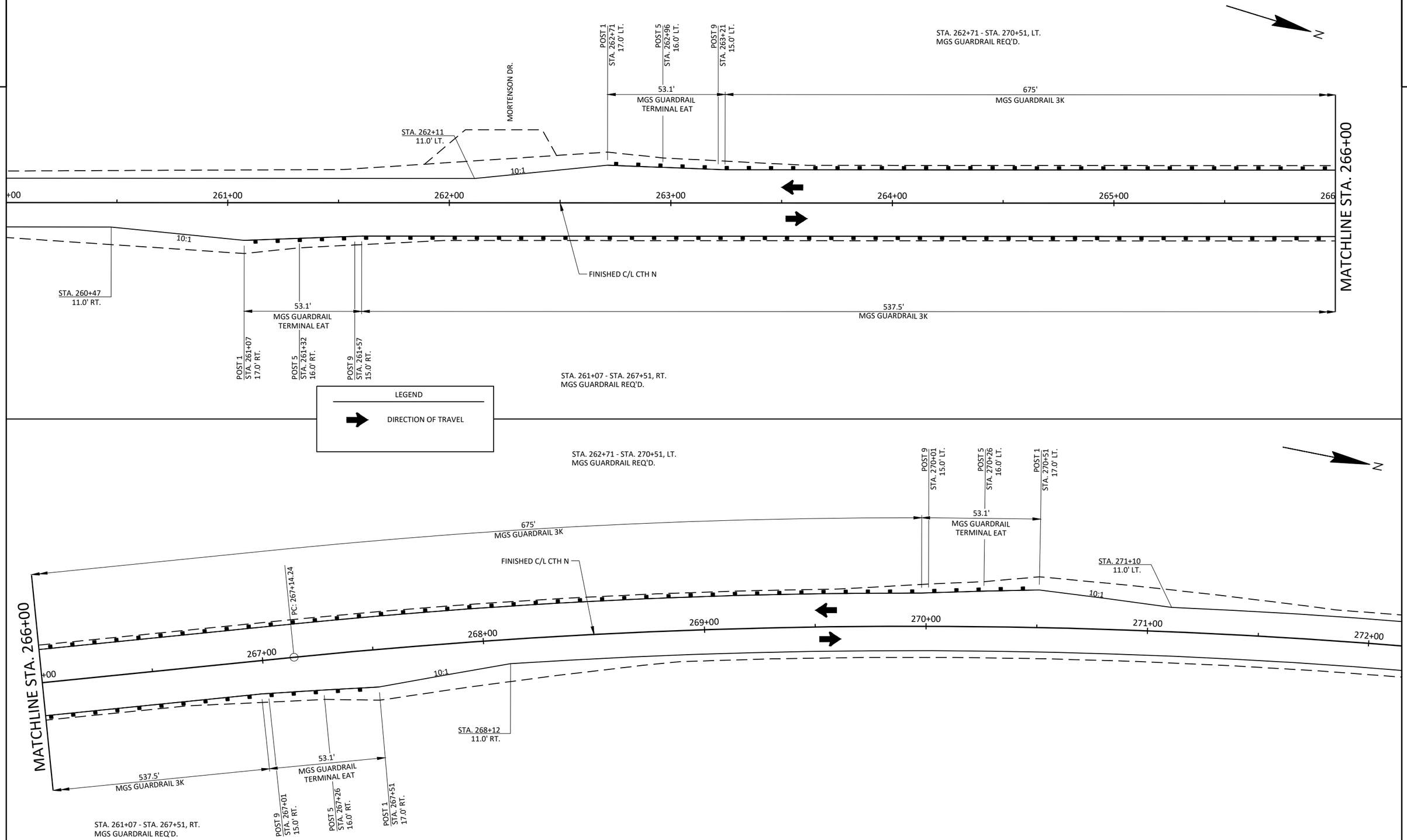


LEGEND

DIRECTION OF TRAVEL



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PAVING DETAILS	SHEET 44	E



2

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PAVING DETAILS	SHEET 45	E

GENERAL NOTES FOR TRAFFIC CONTROL

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

ALL "W" AND "WO" SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.

ALL ROADS AND STREETS WITHIN THE WORK ZONES SHALL BE KEPT ACCESSIBLE FOR EMERGENCY VEHICLES, RESIDENTS AND BUSINESSES.

ANY STOP SIGNS WHICH ARE REMOVED FOR A CONSTRUCTION OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED.

ALL SIGN LAYOUT SHALL BE IN ACCORDANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND MAINTAIN ACCESS TO ALL PROPERTY ABUTTING THE ROADWAY CONSTRUCTION WORK THROUGHOUT THE LIFE OF THE PROJECT.

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY BARRICADES, SIGNS, LIGHTS, FLAGGERS, AND SUCH OTHER SAFETY DEVICES AS CALLED FOR ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200' CLEARANCE TO EXISTING SIGNS.

DURING NIGHT SHUTDOWN, ONE LANE IN EACH DIRECTION MUST REMAIN OPEN.

DURING HOURS OF DARKNESS, ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS.

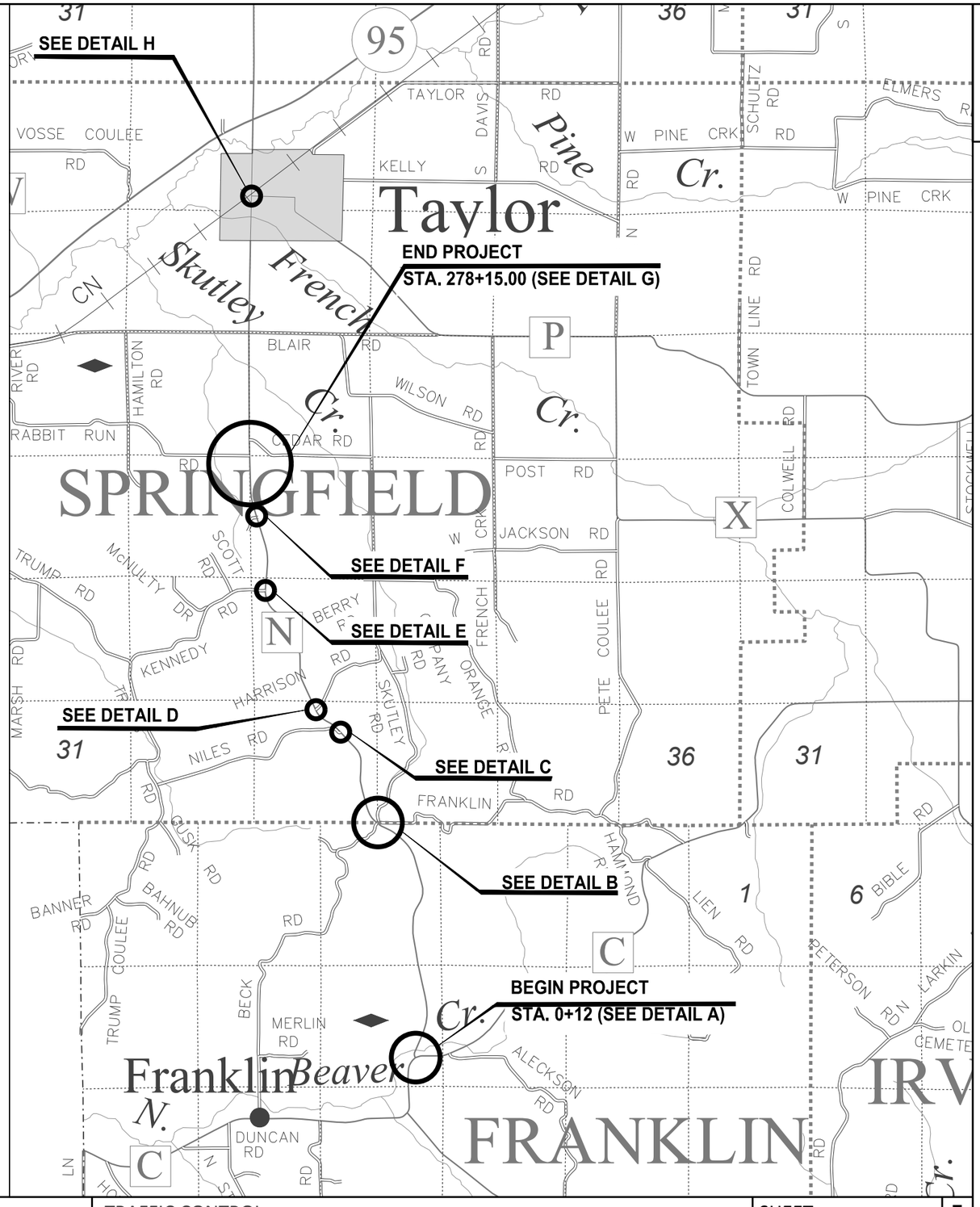
DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON CONTRACTOR'S METHODS OR SEQUENCES OF OPERATION.

ROAD MACHINERY, FLAGGERS AHEAD, ETC. SIGNS SHALL BE USED AS NEEDED AND SHALL BE REMOVED OR COVERED AT NIGHTS, ON WEEKENDS OR WHEN THE ACTIVITY DOES NOT EXIST.

ADDITIONAL DRUMS OR TYPE III BARRICADES MAY BE REQUIRED ADJACENT TO DROP-OFFS, OPEN TRENCHES, OR PROTRUSIONS. COST TO BE INCLUDED WITH OPERATION WHICH CREATES THE HAZARD.

DRUMS PLACED ADJACENT TO WORK AREAS SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

FIXED MESSAGE SIGNS (G20-57C) TO BE PLACED 14 DAYS PRIOR TO CONSTRUCTION STARTING. THE "XXX-XX" IN THE FIXED MESSAGE SHALL BE THE DATE OF ROAD CLOSURE. FOR EXAMPLE, "JUN 24".







①



②



③



G20-2A
48"X24"

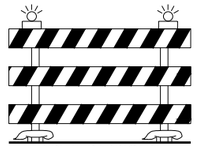
④



R11-4
60" X 30"

TYPE III BARRICADE

⑤



TYPE III BARRICADE

⑥



G20-57C
72"X36"

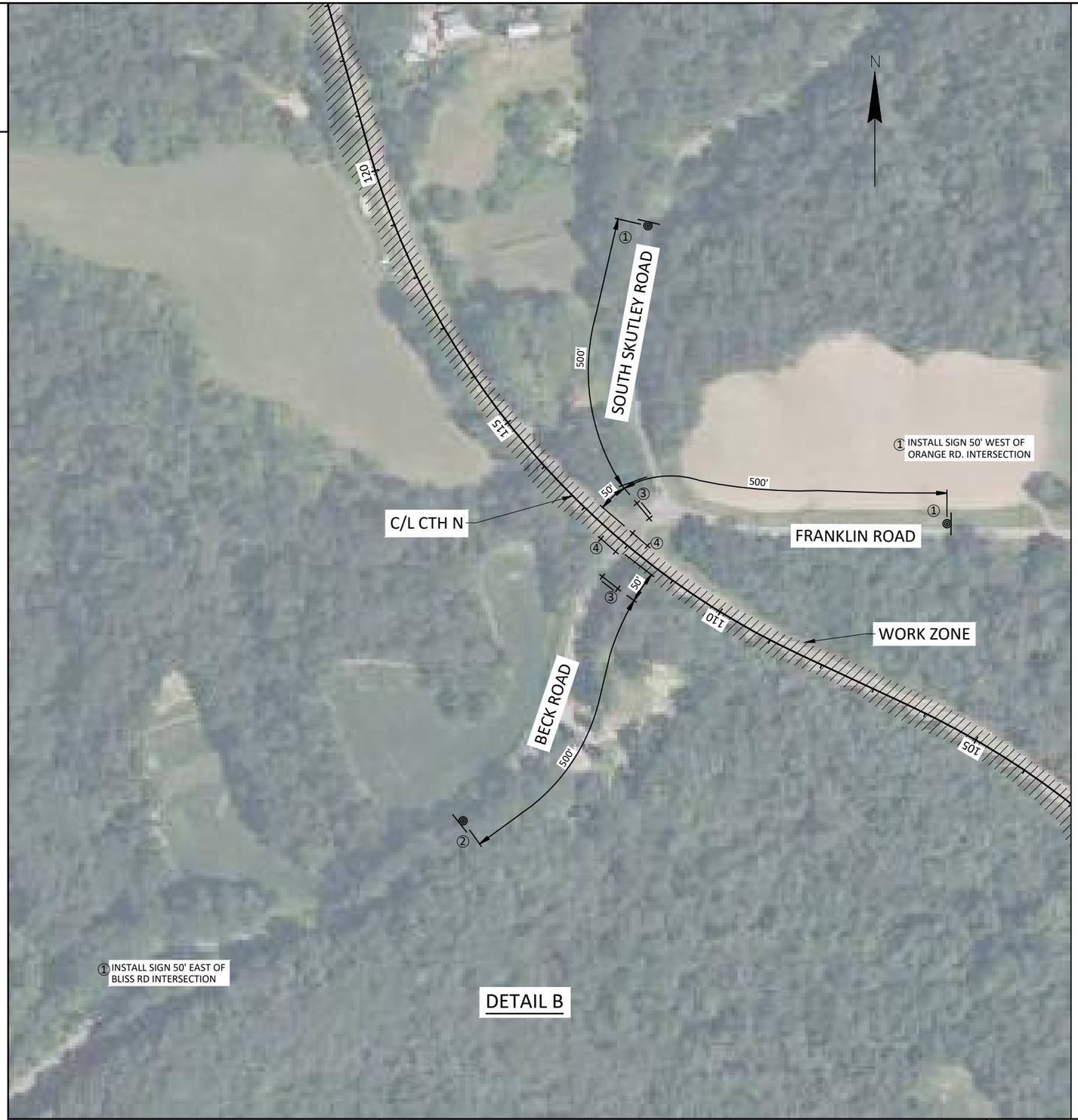
Ⓐ

PLACE G20-57C FOR 14 DAYS PRIOR TO ROAD CLOSURE. REMOVE WHEN CONSTRUCTION BEGINS.

2

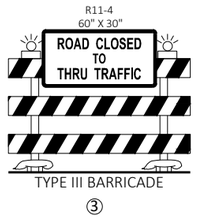
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	TRAFFIC CONTROL	SHEET 47	E

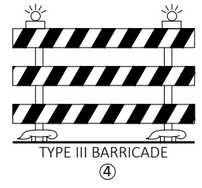
2











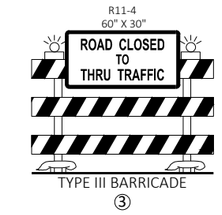


PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	TRAFFIC CONTROL	SHEET 48	E



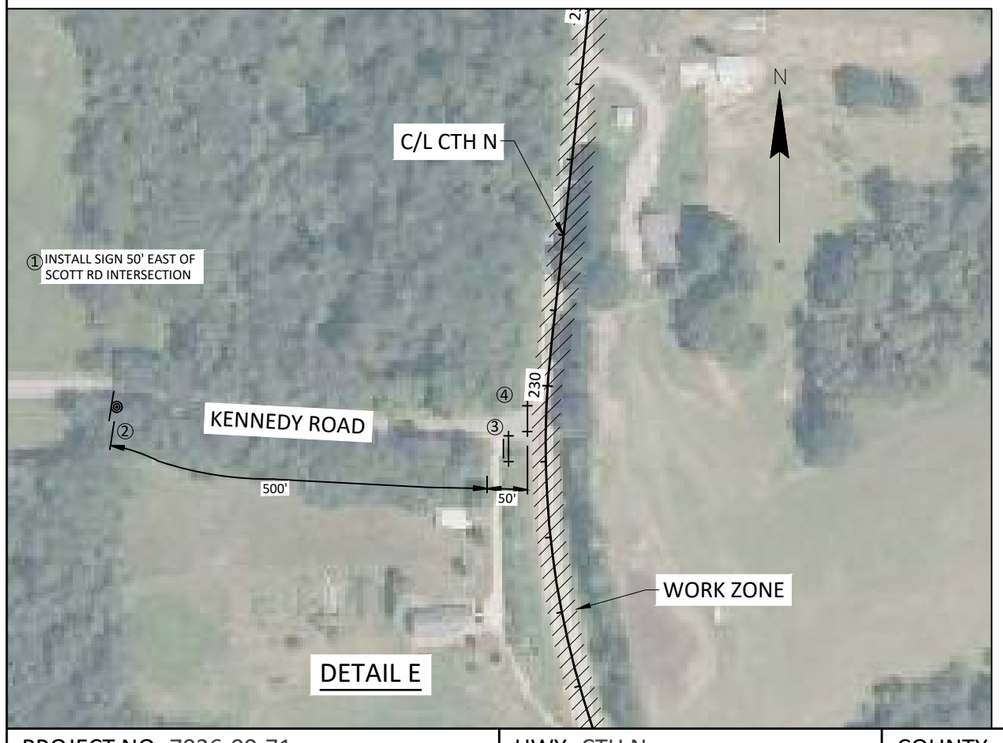
DETAIL D



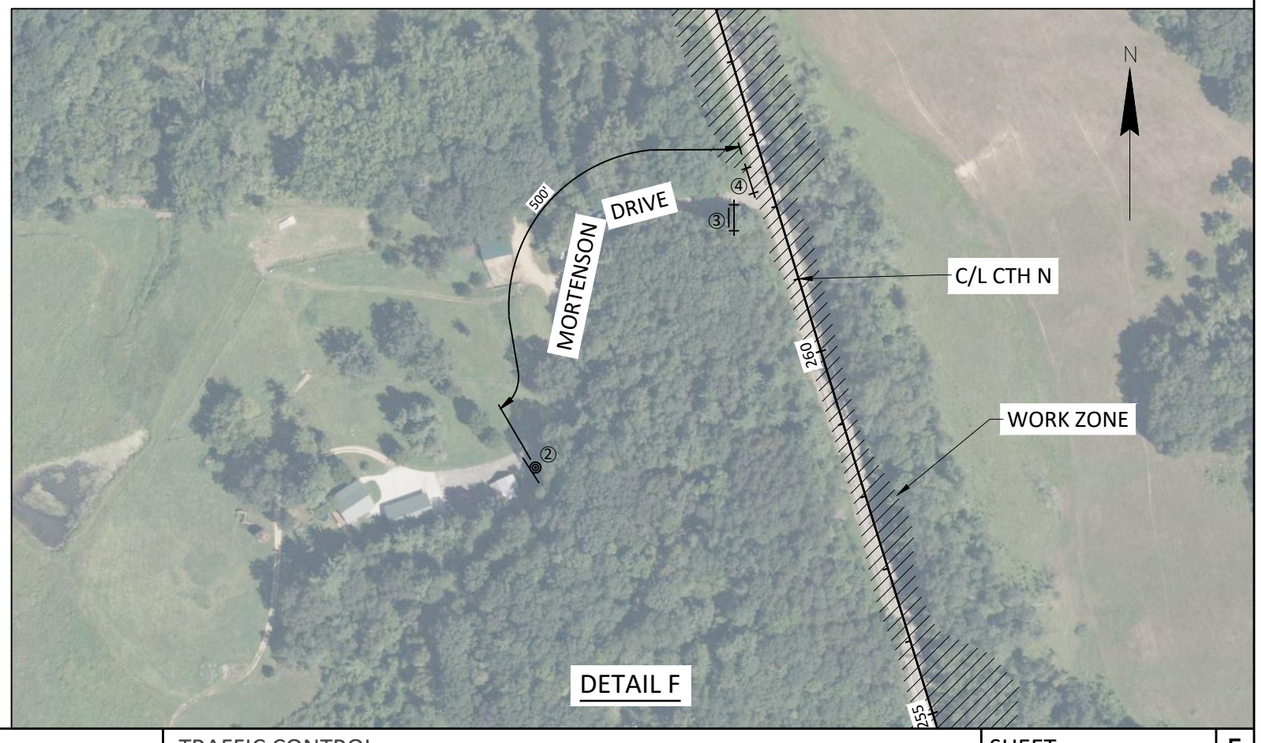






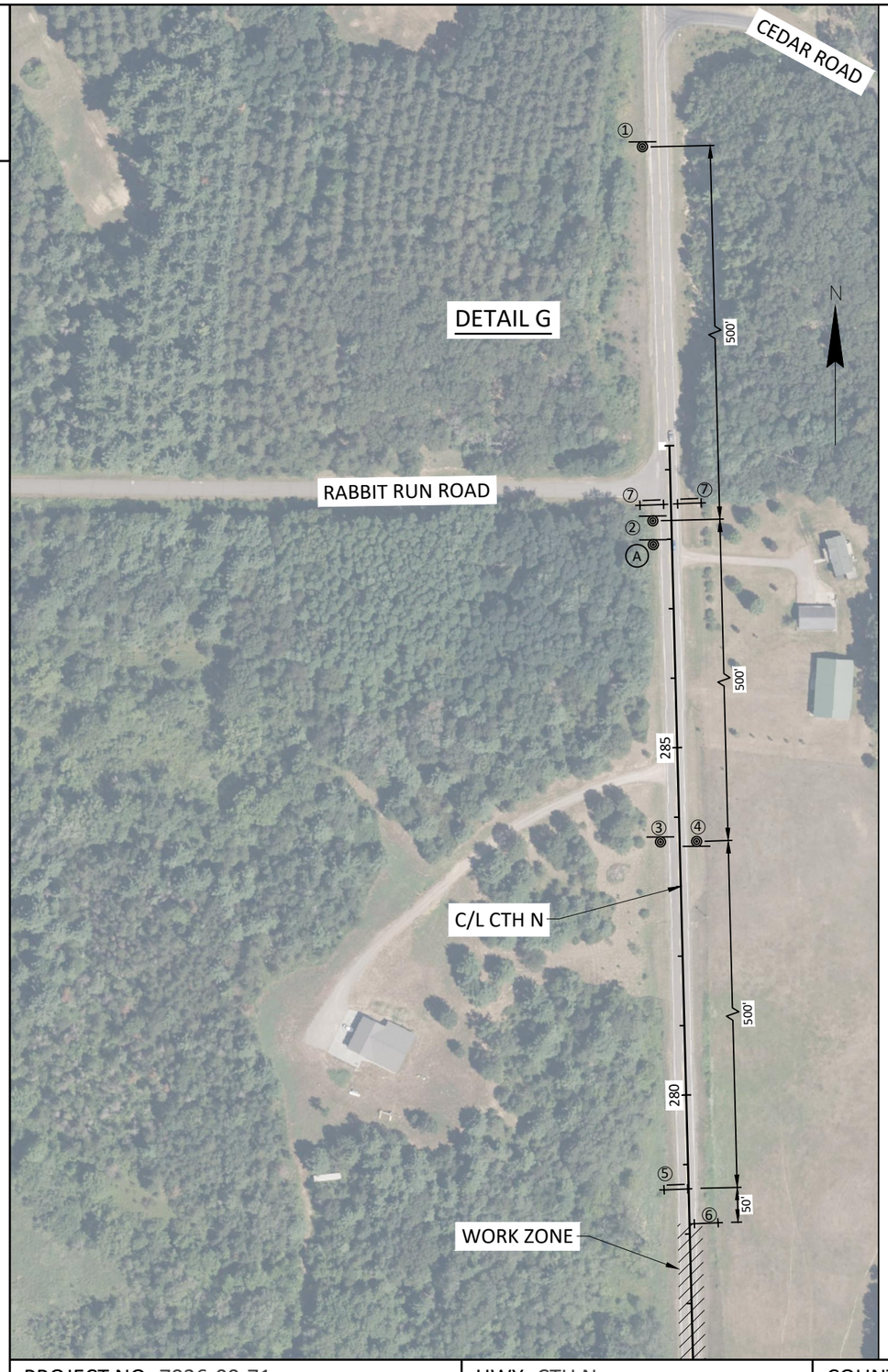


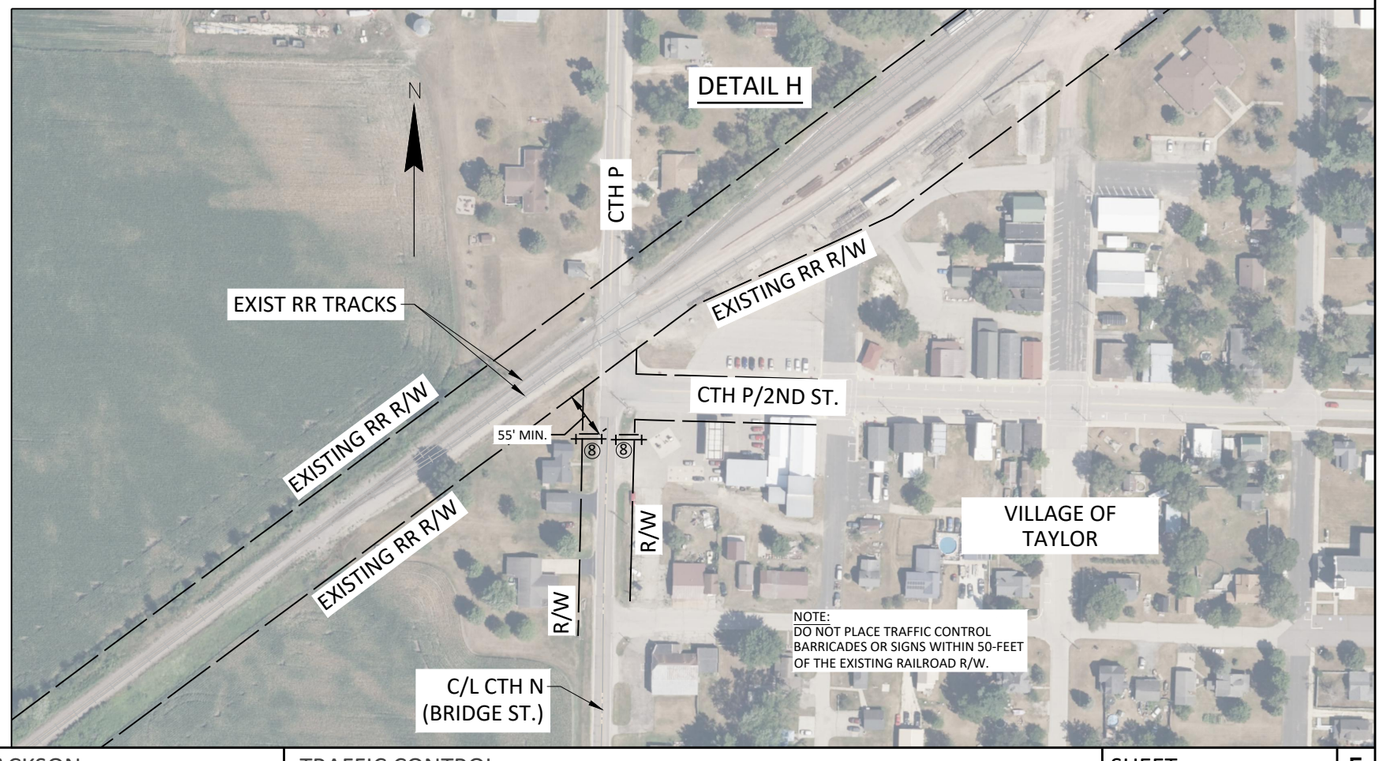
DETAIL E



DETAIL F

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	TRAFFIC CONTROL	SHEET 49	E





ROAD CLOSED AHEAD
W20-3A
①

ROAD CLOSED 1000 FT
W20-3C
②

ROAD CLOSED 500 FT
W20-3D
③

END ROAD WORK
G20-2A
48"X24"
④

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE
⑤

TYPE III BARRICADE
⑥

R11-3
60" X 30"
ROAD CLOSED TO THRU TRAFFIC 0.2 MILES AHEAD
TYPE III BARRICADE
⑦

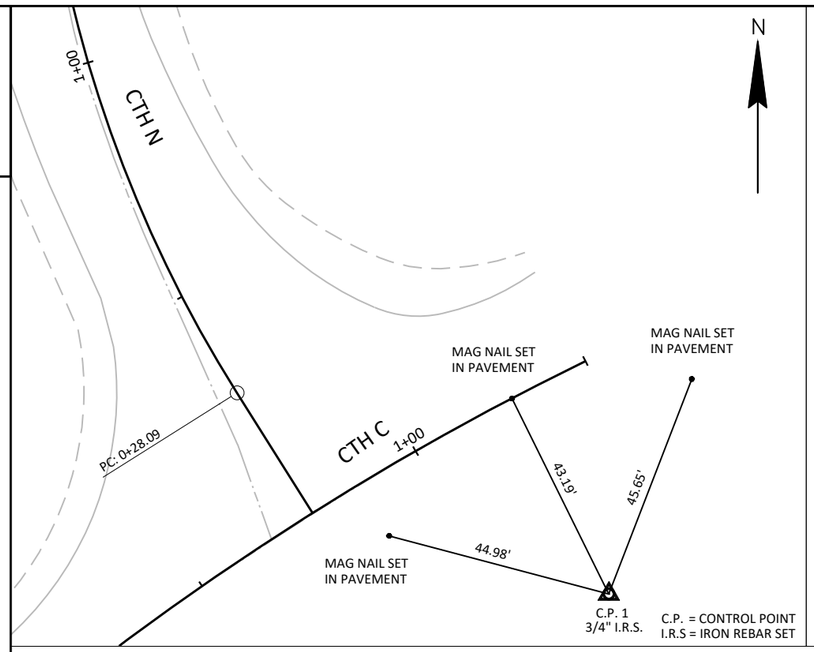
R11-3
60" X 30"
ROAD CLOSED TO THRU TRAFFIC 2.1 MILES AHEAD
TYPE III BARRICADE
⑧

HWY N
ROAD CLOSED
BEGINS XXX-XX
G20-57C
72"X36"
Ⓐ

PLACE G20-57C FOR 14 DAYS PRIOR TO ROAD CLOSURE. REMOVE WHEN CONSTRUCTION BEGINS.

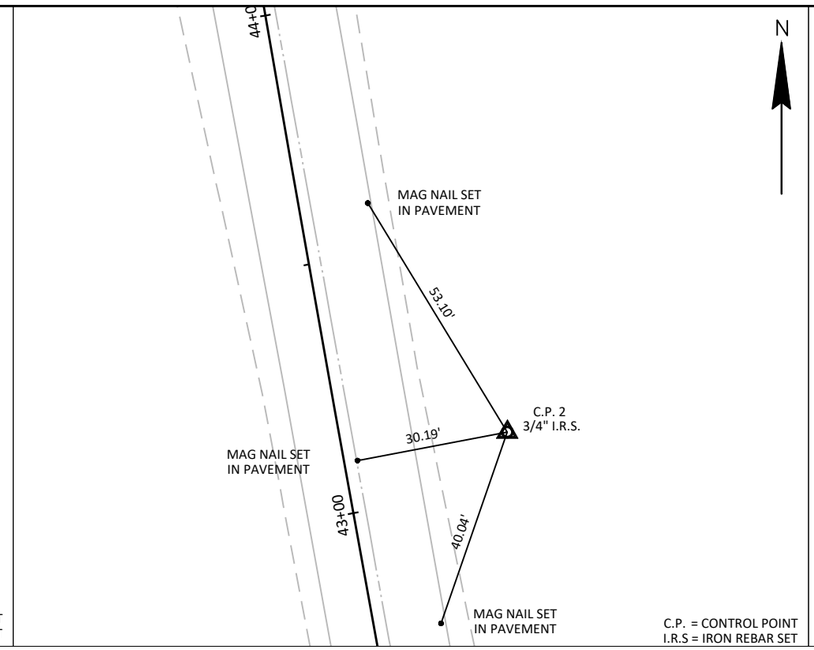
NOTE:
DO NOT PLACE TRAFFIC CONTROL BARRICADES OR SIGNS WITHIN 50-FEET OF THE EXISTING RAILROAD R/W.

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	TRAFFIC CONTROL	SHEET 50	E



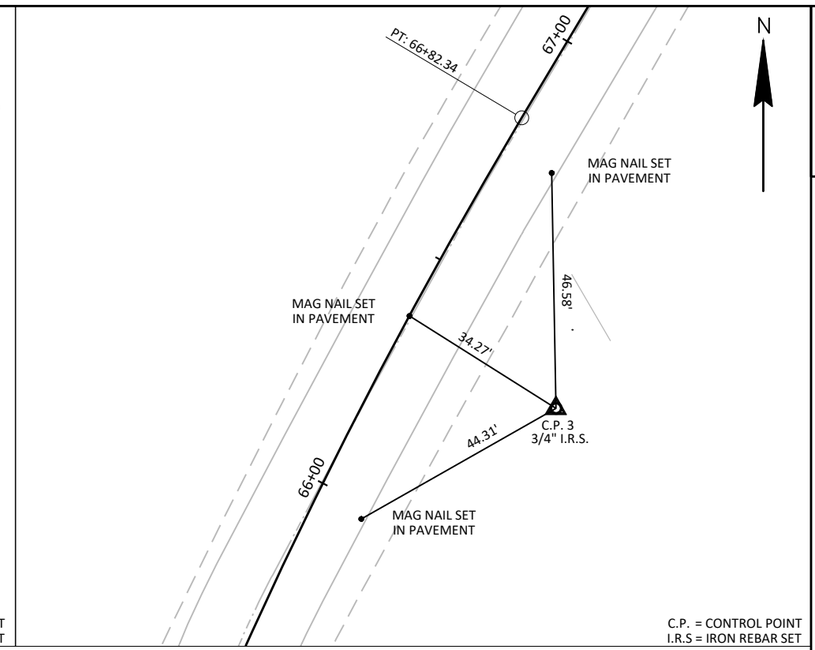
TIES TO C.P.#1

STA. 1+20.67 - CTH C, 43.24' RT
Y = 69,884.19
X = 22,131.90



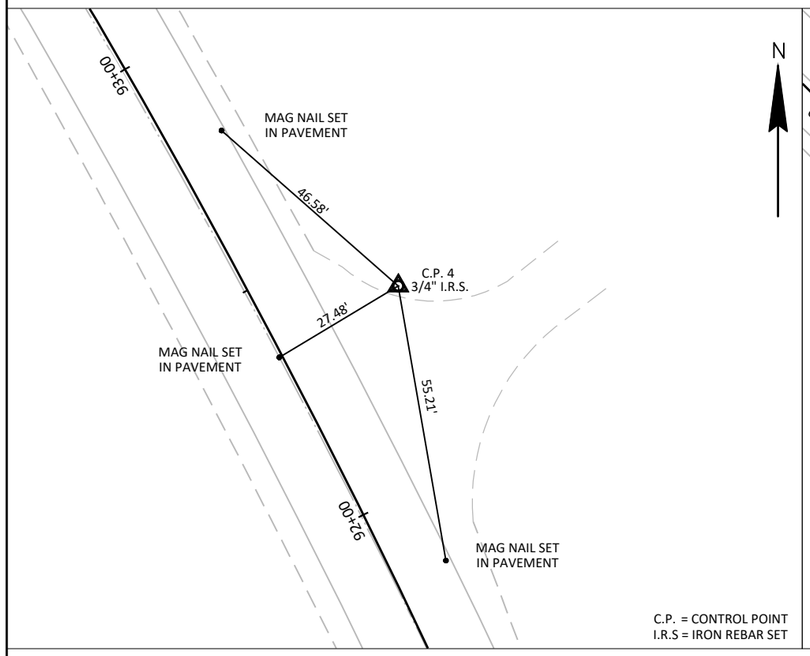
TIES TO C.P.#2

STA. 43+10.38, 32.86' RT
Y = 74,066.71
X = 22,191.92



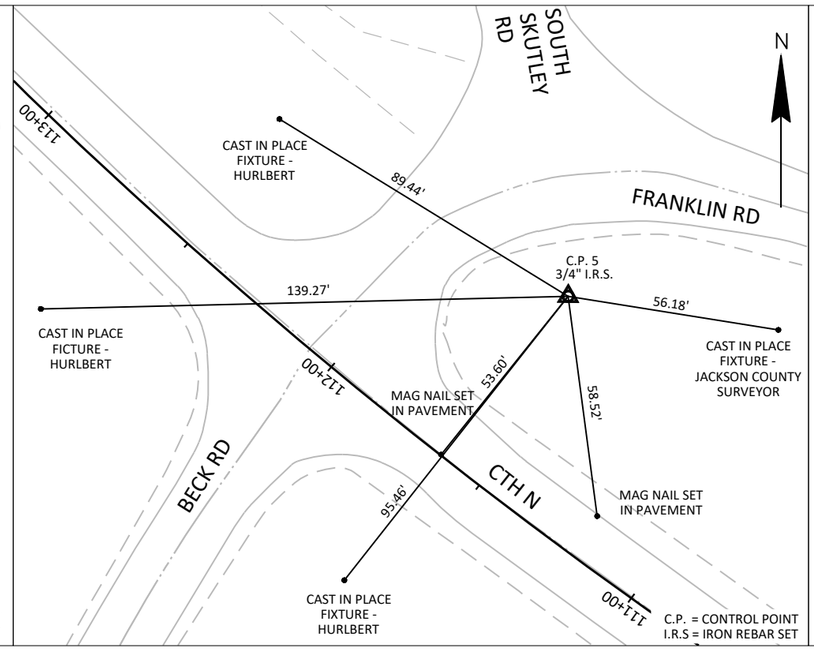
TIES TO C.P.#3

STA. 66+34.91, 34.22' RT
Y = 76,331.50
X = 22,129.89



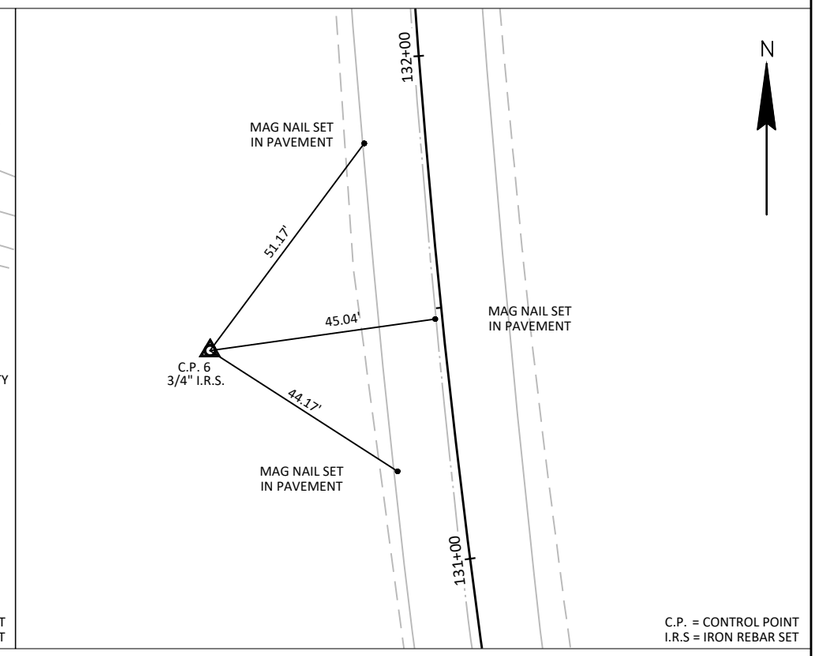
TIES TO C.P.#4

STA. 92+36.91, 26.76' RT
Y = 78,827.17
X = 21,939.14



TIES TO C.P.#5

STA. 111+62.28, 53.79' RT
Y = 80,052.40
X = 20,480.01

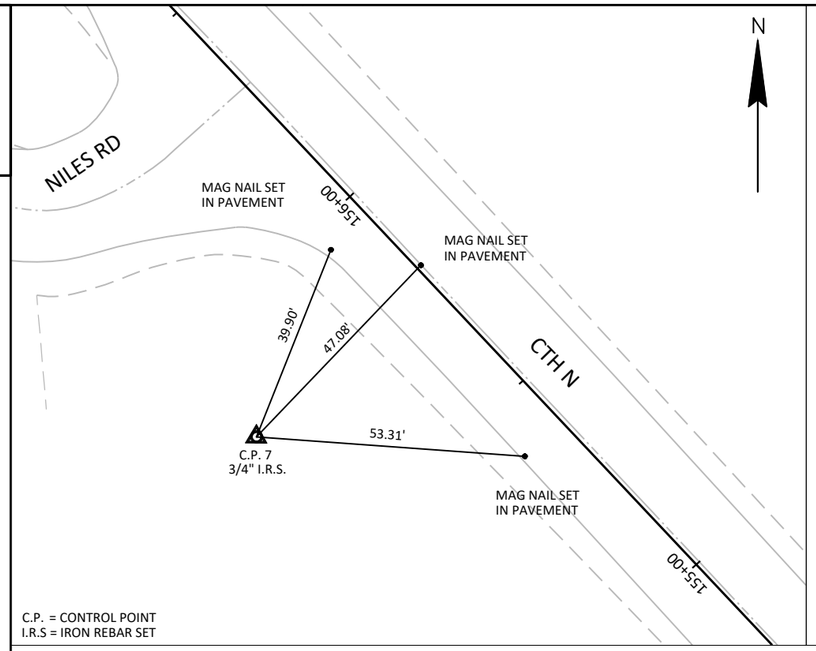


TIES TO C.P.#6

STA. 131+46.29, 46.42' LT
Y = 81,793.04
X = 729,627.71

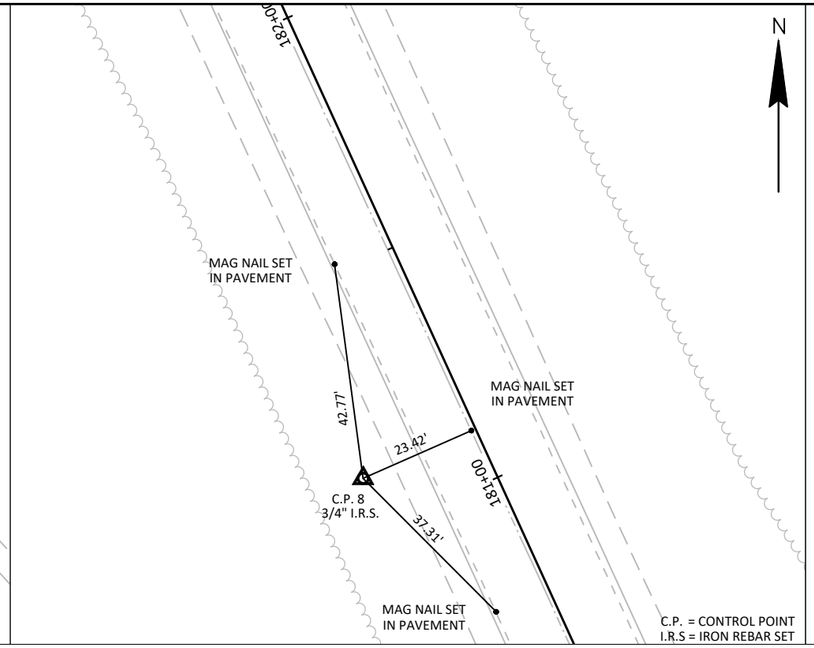
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CONTROL POINT TIES	SHEET 51	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_CONTROL POINTS.DWG
PLOT DATE : 7/11/2024 2:05:17 PM
PLOT BY : LOGAN BETTHAUSER
PLOT SCALE : 1" = 1'
LAYOUT : 49 - 1



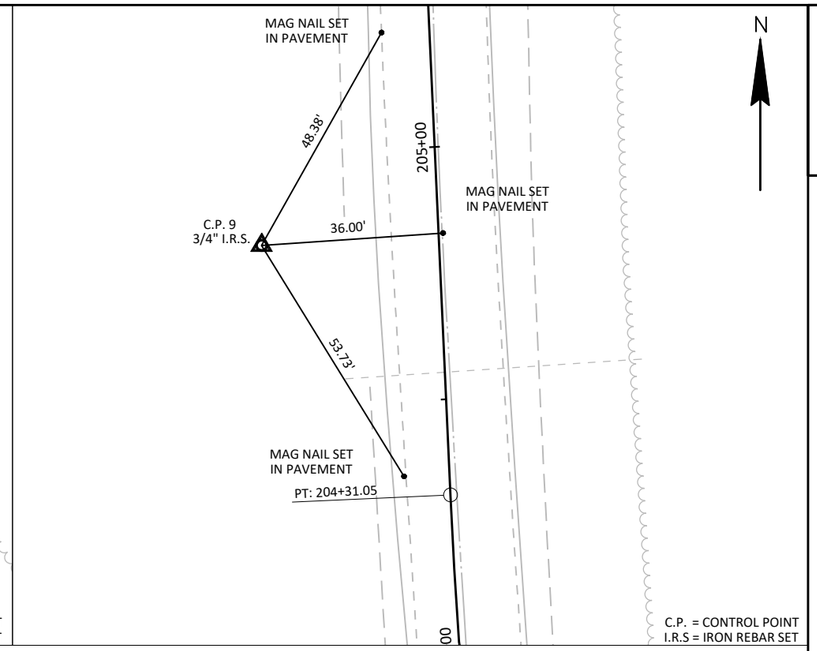
TIES TO C.P.#7

STA. 155+78.09, 46.06' LT
Y = 83,895.03
X = 18,832.51



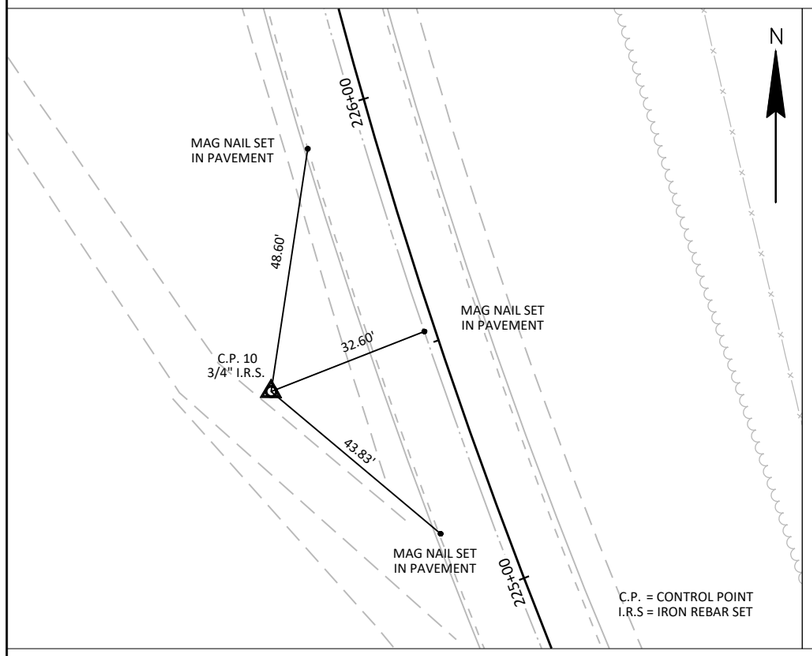
TIES TO C.P.#8

STA. 181+10.90, 24.31' LT
Y = 85,838.28
X = 17,311.95



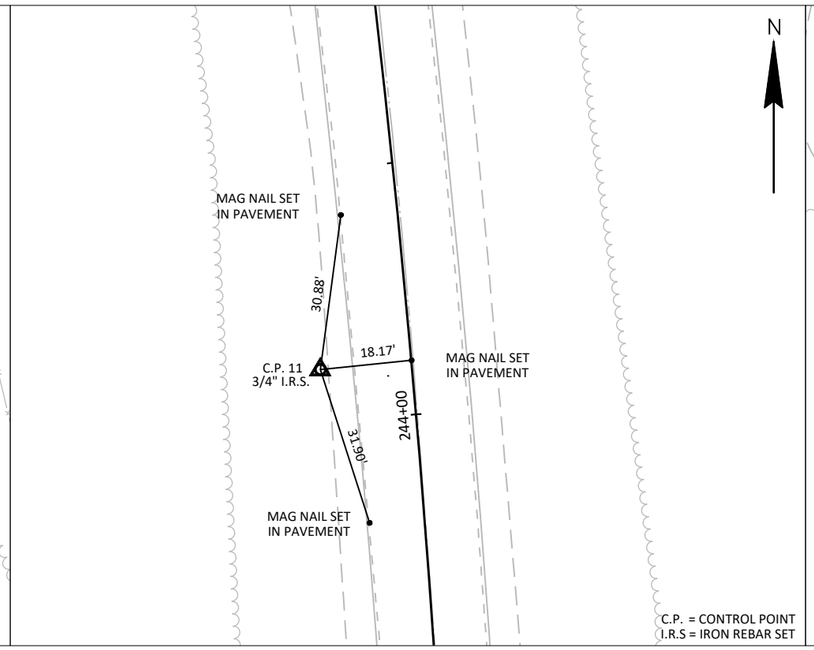
TIES TO C.P.#9

STA. 204+82.11, 35.11' LT
Y = 88,127.88
X = 16,798.61



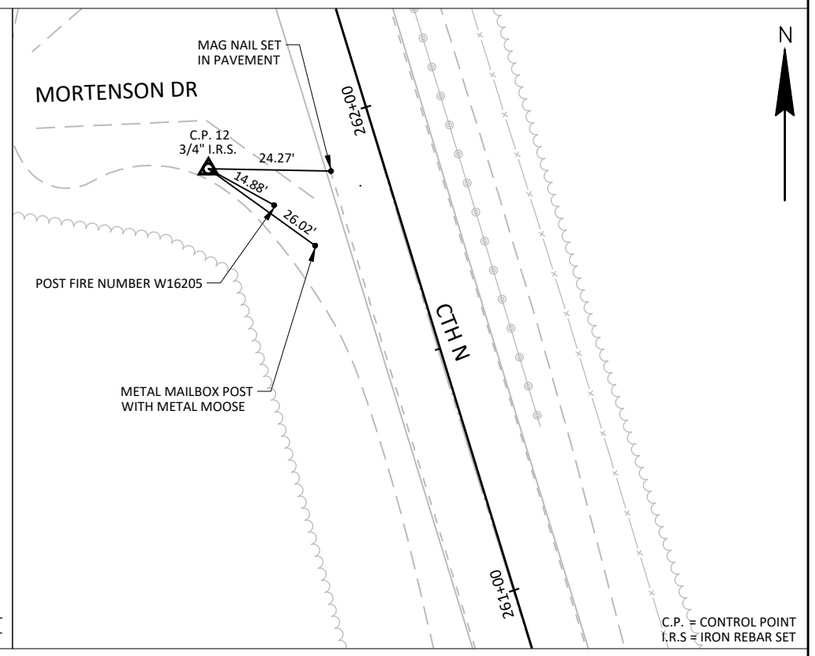
TIES TO C.P.#10

STA. 225+50.90, 34.67' LT
Y = 89,682.69
X = 15,613.42



TIES TO C.P.#11

STA. 244+10.50, 18.13' LT
Y = 91,539.47
X = 15,666.82

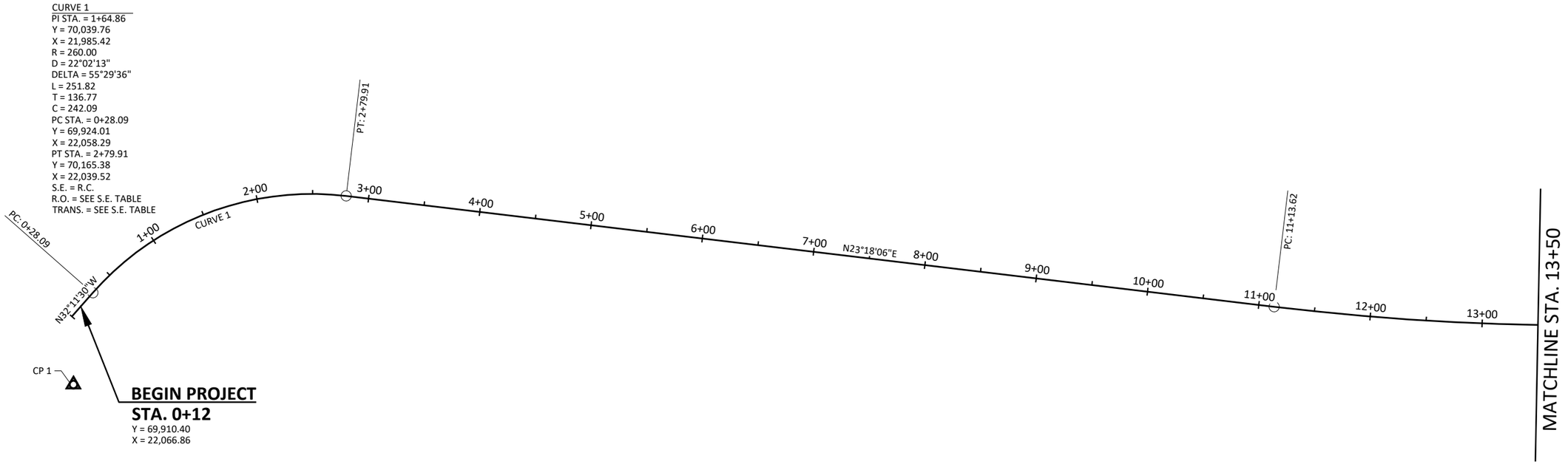


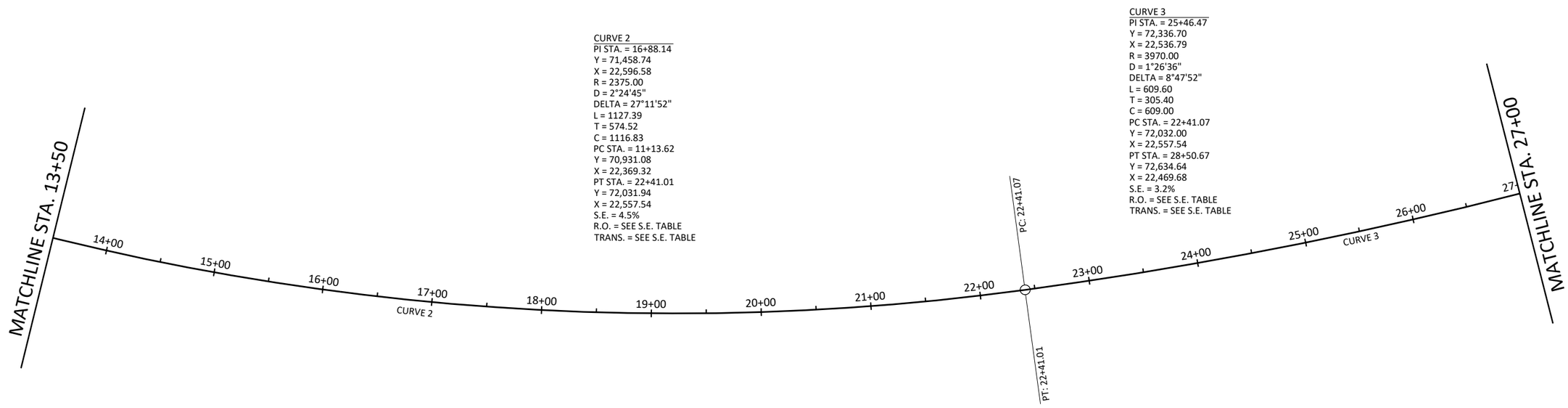
TIES TO C.P.#12

STA. 261+97.48, 33.43' LT
Y = 93,253.16
X = 15,187.59

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CONTROL POINT TIES	SHEET 52	E

2

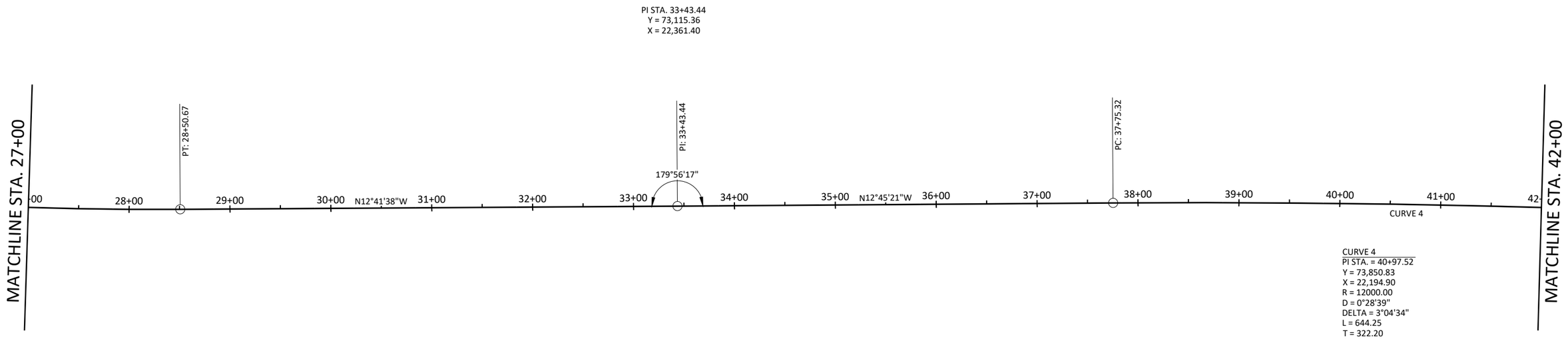




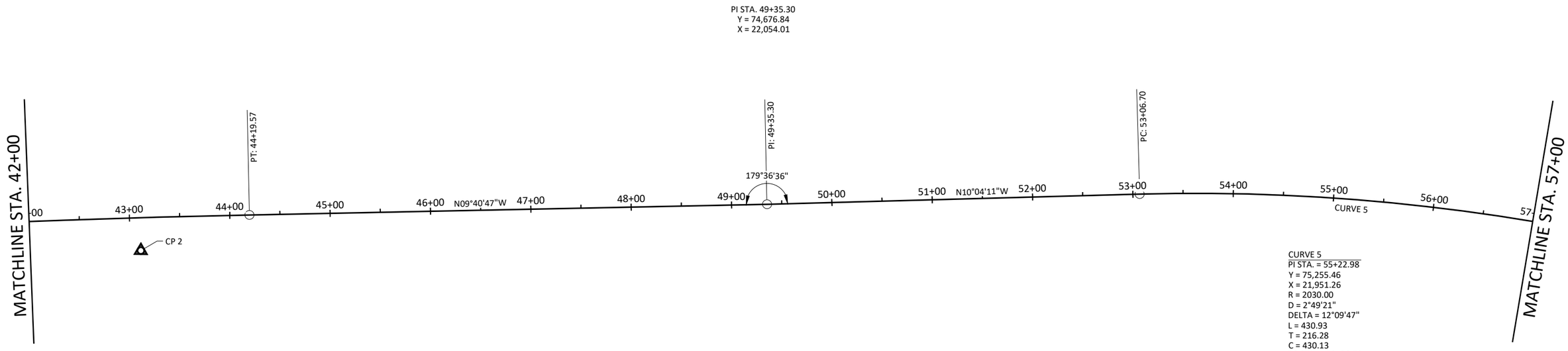
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 53	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_ALIGNMENT DETAILS.DWG PLOT DATE : 7/23/2024 2:45:12 PM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 51 - 1

2



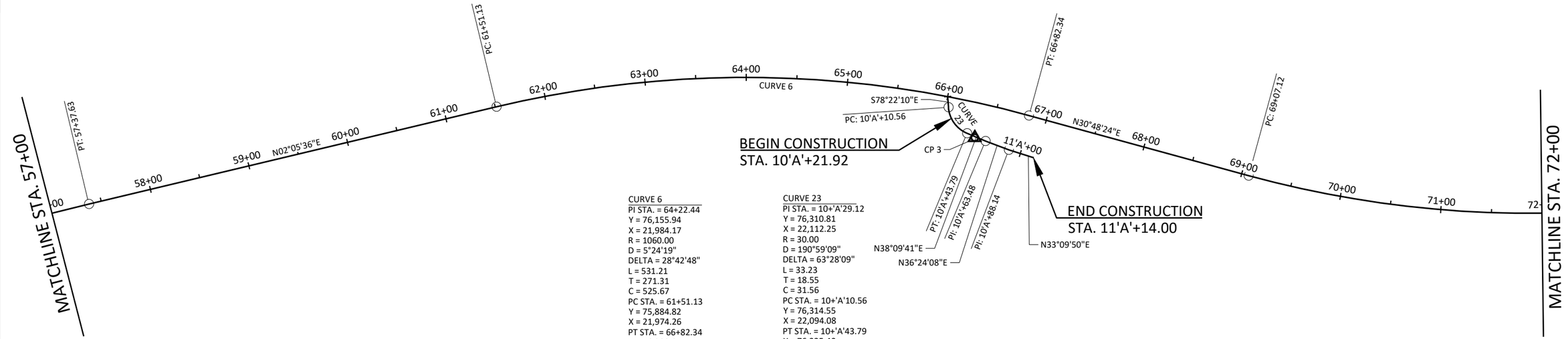
CURVE 4
PI STA. = 40+97.52
Y = 73,850.83
X = 22,194.90
R = 12000.00
D = 0°28'39"
DELTA = 3°04'34"
L = 644.25
T = 322.20
C = 644.18
PC STA. = 37+75.32
Y = 73,536.58
X = 22,266.04
PT STA. = 44+19.57
Y = 74,168.44
X = 22,140.72
S.E. = N.C.
R.O. = N/A
TRANS. = N/A



CURVE 5
PI STA. = 55+22.98
Y = 75,255.46
X = 21,951.26
R = 2030.00
D = 2°49'21"
DELTA = 12°09'47"
L = 430.93
T = 216.28
C = 430.13
PC STA. = 53+06.70
Y = 75,042.51
X = 21,989.07
PT STA. = 57+37.63
Y = 75,471.59
X = 21,959.16
S.E. = 4.9%
R.O. = 125'
TRANS. = 176'

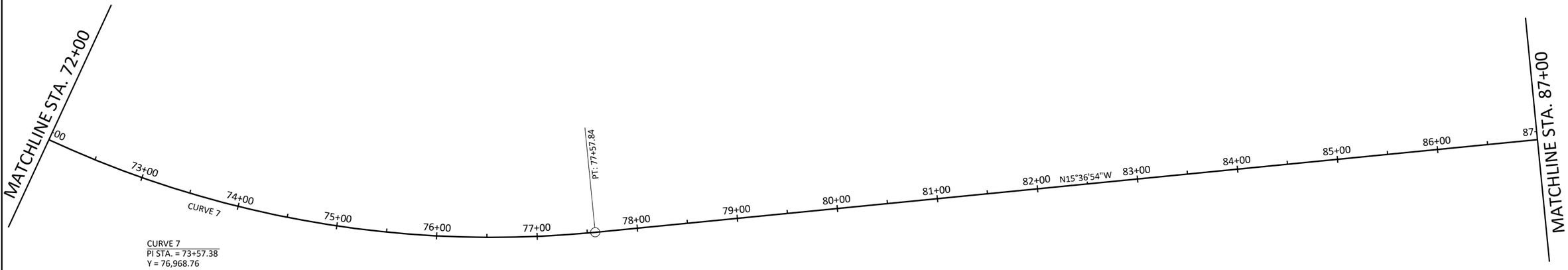
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 54	E

2



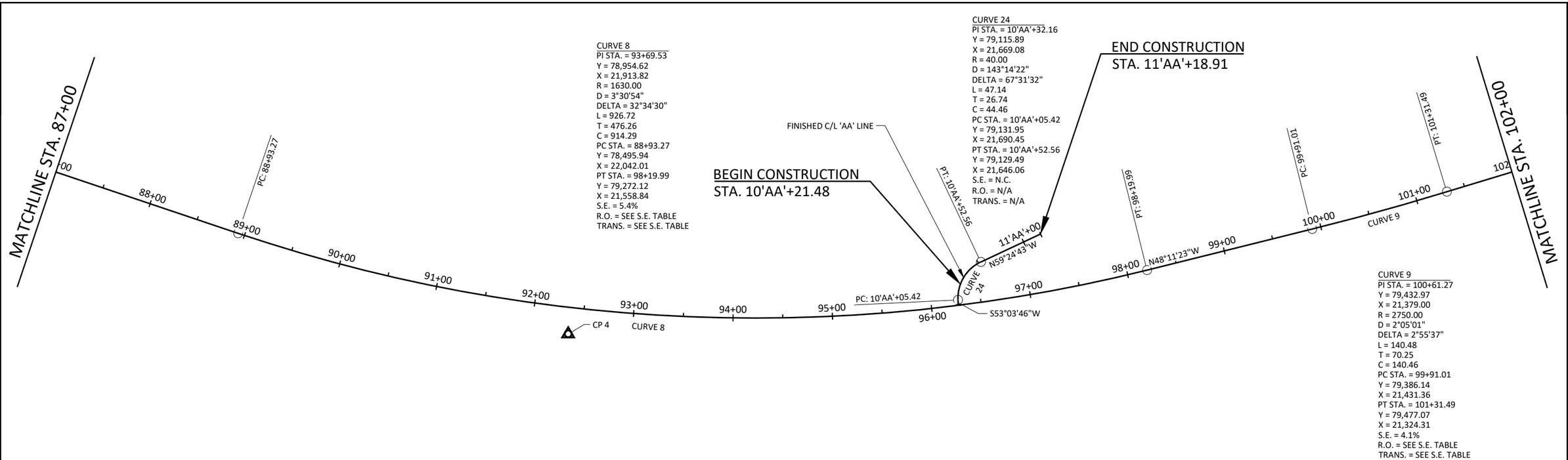
CURVE 6
PI STA. = 64+22.44
Y = 76,155.94
X = 21,984.17
R = 1060.00
D = 5°24'19"
DELTA = 28°42'48"
L = 531.21
T = 271.31
C = 525.67
PC STA. = 61+51.13
Y = 75,884.82
X = 21,974.26
PT STA. = 66+82.34
Y = 76,388.97
X = 22,123.12
S.E. = 6.0%
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE

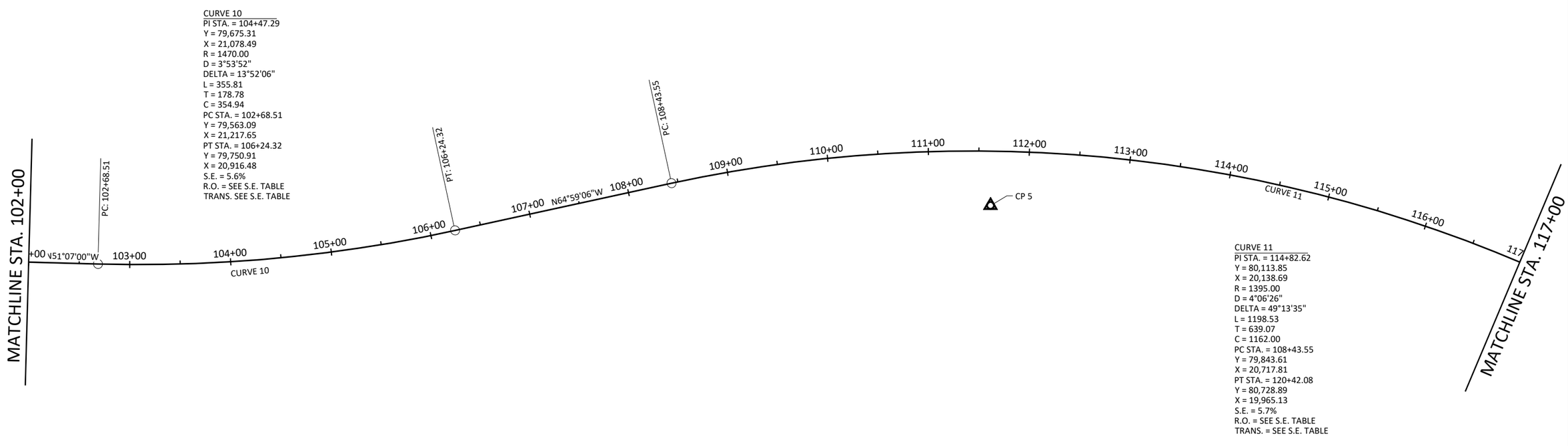
CURVE 23
PI STA. = 10+'A'29.12
Y = 76,310.81
X = 22,112.25
R = 30.00
D = 190°59'09"
DELTA = 63°28'09"
L = 33.23
T = 18.55
C = 31.56
PC STA. = 10+'A'10.56
Y = 76,314.55
X = 22,094.08
PT STA. = 10+'A'43.79
Y = 76,325.40
X = 22,123.72
S.E. = N/A
R.O. = N/A
TRANS. = N/A



CURVE 7
PI STA. = 73+57.38
Y = 76,968.76
X = 22,468.84
R = 1050.00
D = 5°27'24"
DELTA = 46°25'17"
L = 850.72
T = 450.26
C = 827.64
PC STA. = 69+07.12
Y = 76,582.03
X = 22,238.24
PT STA. = 77+57.84
Y = 77,402.41
X = 22,347.64
S.E. = 5.8%
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE

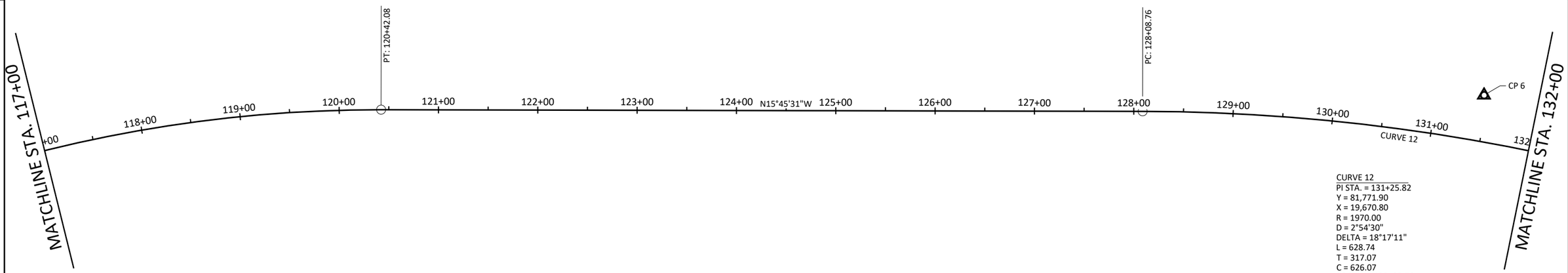
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 55	E



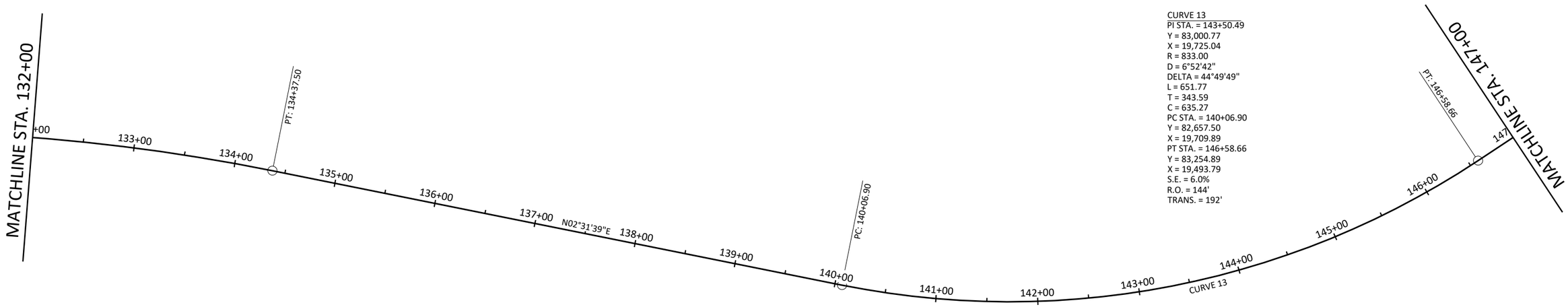


PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 56	E

2



CURVE 12
PI STA. = 131+25.82
Y = 81,771.90
X = 19,670.80
R = 1970.00
D = 2°54'30"
DELTA = 18°17'11"
L = 628.74
T = 317.07
C = 626.07
PC STA. = 128+08.76
Y = 81,466.75
X = 19,756.91
PT STA. = 134+37.50
Y = 82,088.66
X = 19,684.78
S.E. = 4.9%
R.O. = 125'
TRANS. = 176'

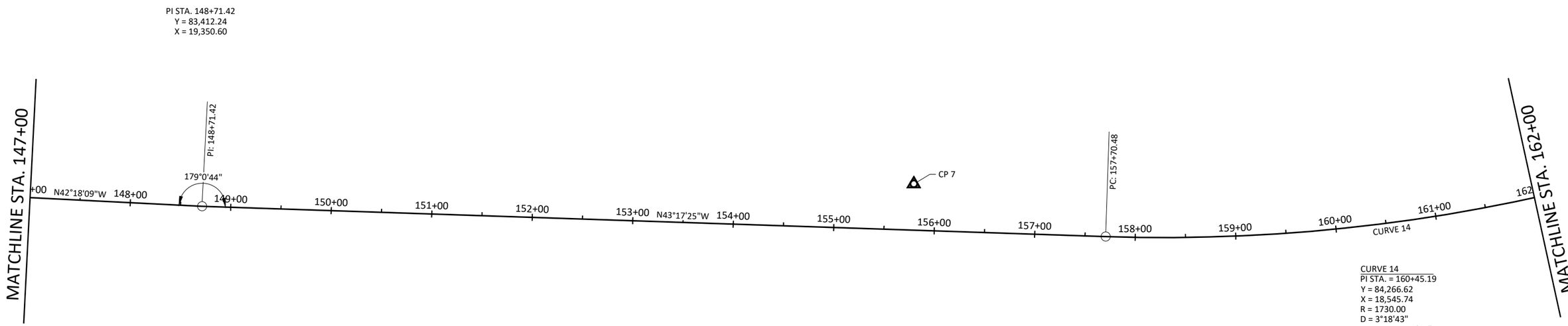


CURVE 13
PI STA. = 143+50.49
Y = 83,000.77
X = 19,725.04
R = 833.00
D = 6°52'42"
DELTA = 44°49'49"
L = 651.77
T = 343.59
C = 635.27
PC STA. = 140+06.90
Y = 82,657.50
X = 19,709.89
PT STA. = 146+58.66
Y = 83,254.89
X = 19,493.79
S.E. = 6.0%
R.O. = 144'
TRANS. = 192'

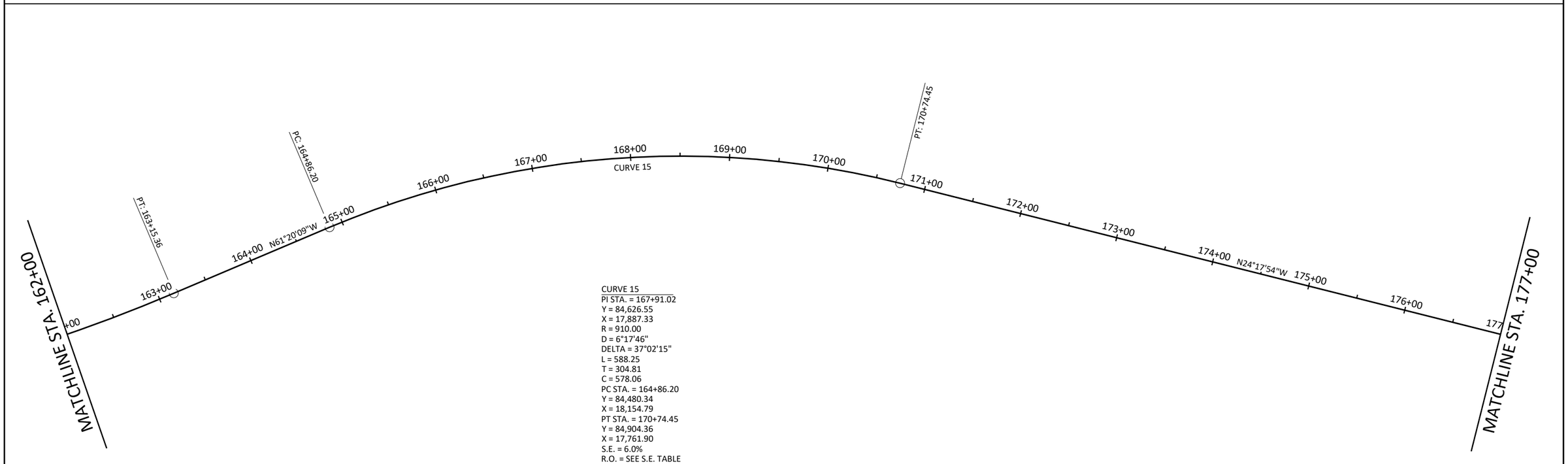
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 57	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\DETAILS\W11672_ALIGNMENT DETAILS.DWG PLOT DATE : 7/23/2024 2:45:26 PM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 55 - 5

2



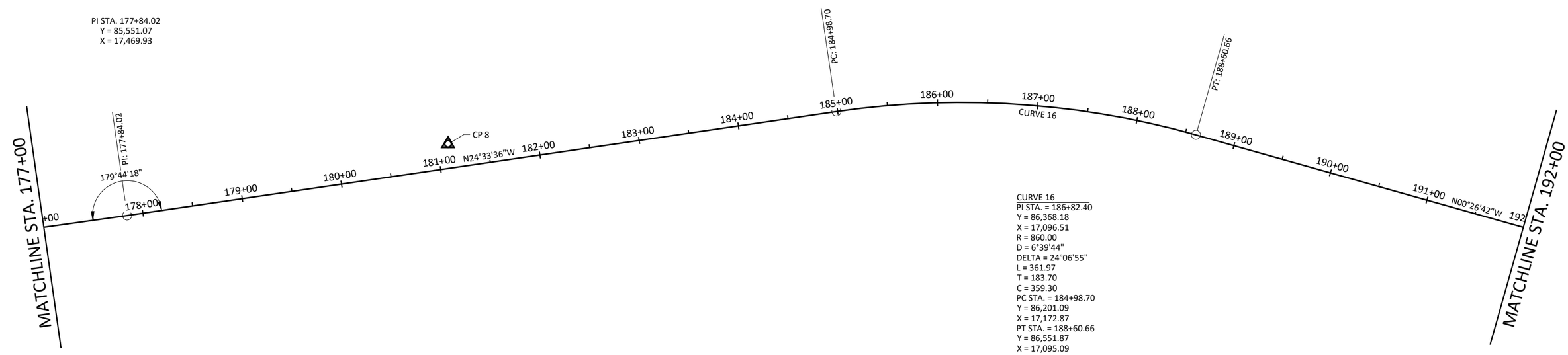
CURVE 14
PI STA. = 160+45.19
Y = 84,266.62
X = 18,545.74
R = 1730.00
D = 3°18'43"
DELTA = 18°02'44"
L = 544.87
T = 274.71
C = 542.62
PC STA. = 157+70.48
Y = 84,066.66
X = 18,734.11
PT STA. = 163+15.36
Y = 84,398.39
X = 18,304.70
S.E. = 5.3%
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE



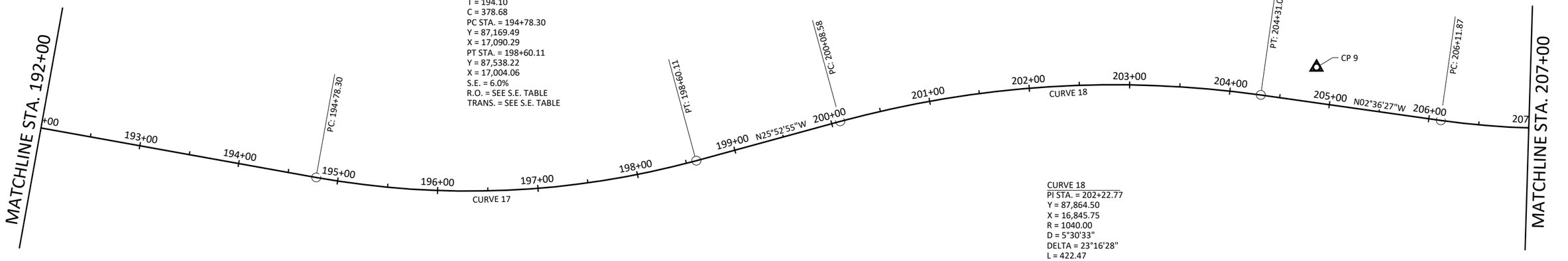
CURVE 15
PI STA. = 167+91.02
Y = 84,626.55
X = 17,887.33
R = 910.00
D = 6°17'46"
DELTA = 37°02'15"
L = 588.25
T = 304.81
C = 578.06
PC STA. = 164+86.20
Y = 84,480.34
X = 18,154.79
PT STA. = 170+74.45
Y = 84,904.36
X = 17,761.90
S.E. = 6.0%
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 58	E

2



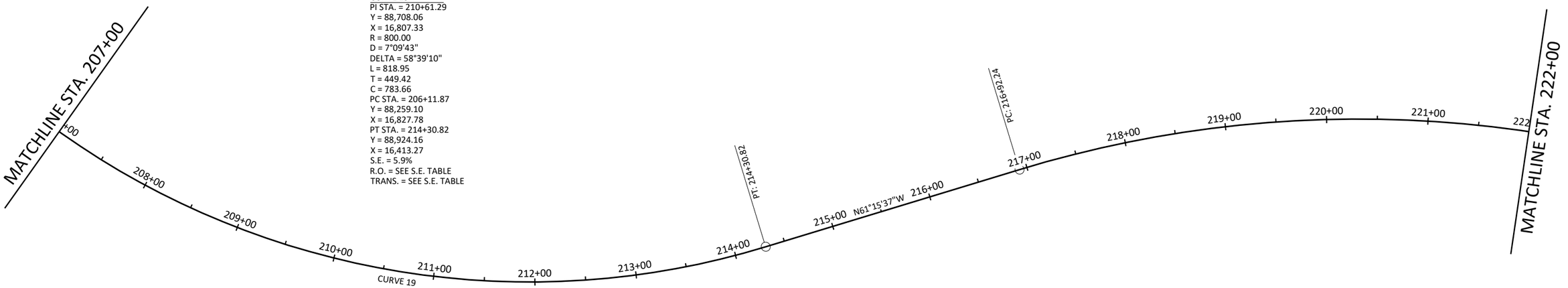
CURVE 16
PI STA. = 186+82.40
Y = 86,368.18
X = 17,096.51
R = 860.00
D = 6°39'44"
DELTA = 24°06'55"
L = 361.97
T = 183.70
C = 359.30
PC STA. = 184+98.70
Y = 86,201.09
X = 17,172.87
PT STA. = 188+60.66
Y = 86,551.87
X = 17,095.09
S.E. = 6.0%
R.O. = 144'
TRANS. = 192'



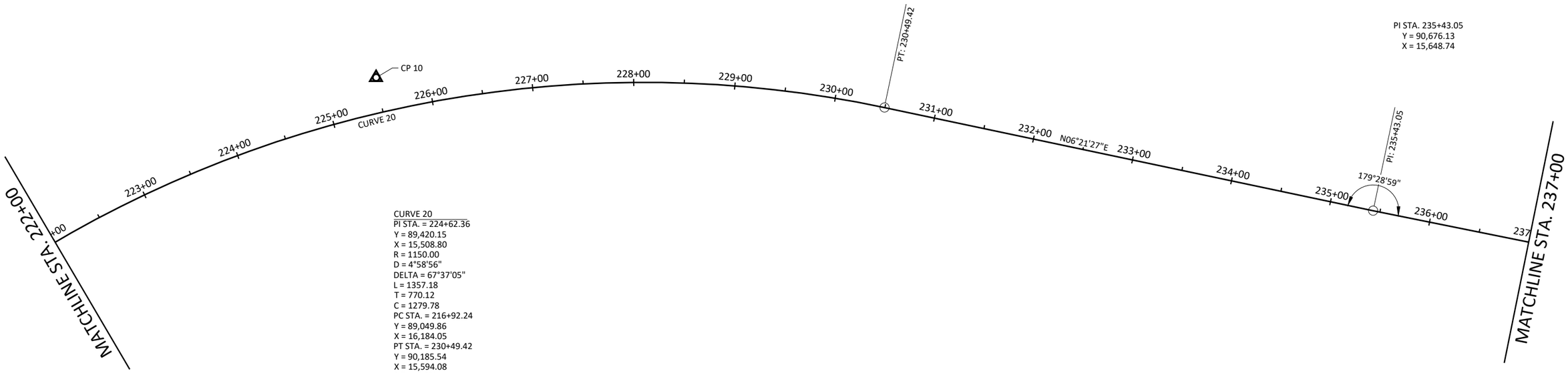
CURVE 17
PI STA. = 196+72.40
Y = 87,363.59
X = 17,088.78
R = 860.00
D = 6°39'44"
DELTA = 25°26'14"
L = 381.81
T = 194.10
C = 378.68
PC STA. = 194+78.30
Y = 87,169.49
X = 17,090.29
PT STA. = 198+60.11
Y = 87,538.22
X = 17,004.06
S.E. = 6.0%
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE

CURVE 18
PI STA. = 202+22.77
Y = 87,864.50
X = 16,845.75
R = 1040.00
D = 5°30'33"
DELTA = 23°16'28"
L = 422.47
T = 214.19
C = 419.57
PC STA. = 200+08.58
Y = 87,671.80
X = 16,939.24
PT STA. = 204+31.05
Y = 88,078.47
X = 16,836.00
S.E. = 5.8%
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 59	E



CURVE 19
PI STA. = 210+61.29
Y = 88,708.06
X = 16,807.33
R = 800.00
D = 7°09'43"
DELTA = 58°39'10"
L = 818.95
T = 449.42
C = 783.66
PC STA. = 206+11.87
Y = 88,259.10
X = 16,827.78
PT STA. = 214+30.82
Y = 88,924.16
X = 16,413.27
S.E. = 5.9%
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE

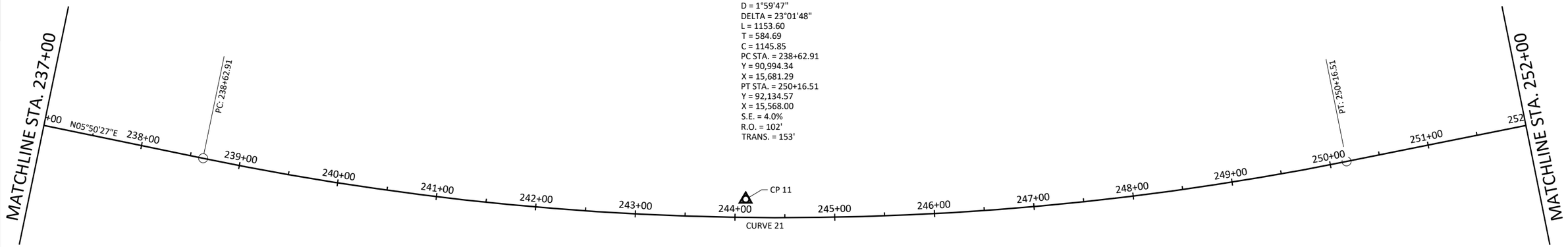


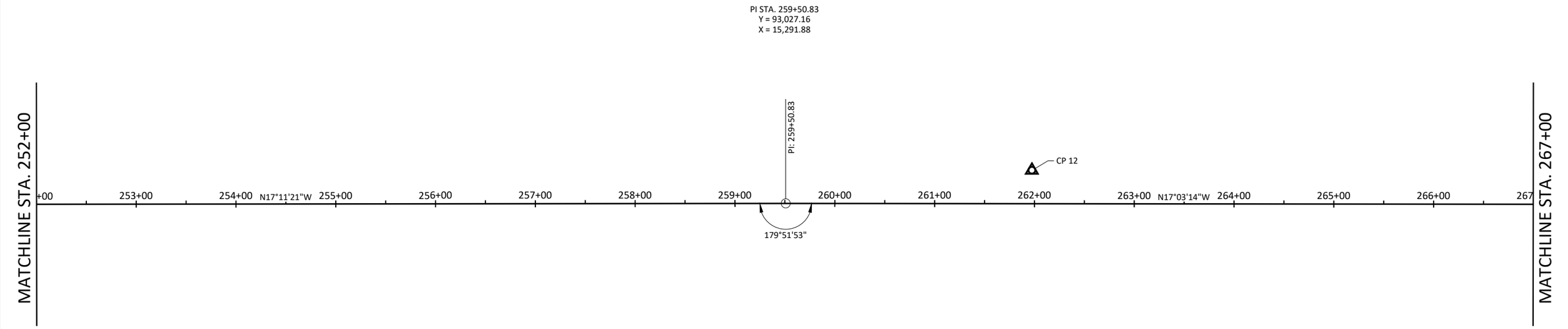
PI STA. 235+43.05
Y = 90,676.13
X = 15,648.74

CURVE 20
PI STA. = 224+62.36
Y = 89,420.15
X = 15,508.80
R = 1150.00
D = 4°58'56"
DELTA = 67°37'05"
L = 1357.18
T = 770.12
C = 1279.78
PC STA. = 216+92.24
Y = 89,049.86
X = 16,184.05
PT STA. = 230+49.42
Y = 90,185.54
X = 15,594.08
S.E. = 6.0%
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 60	E

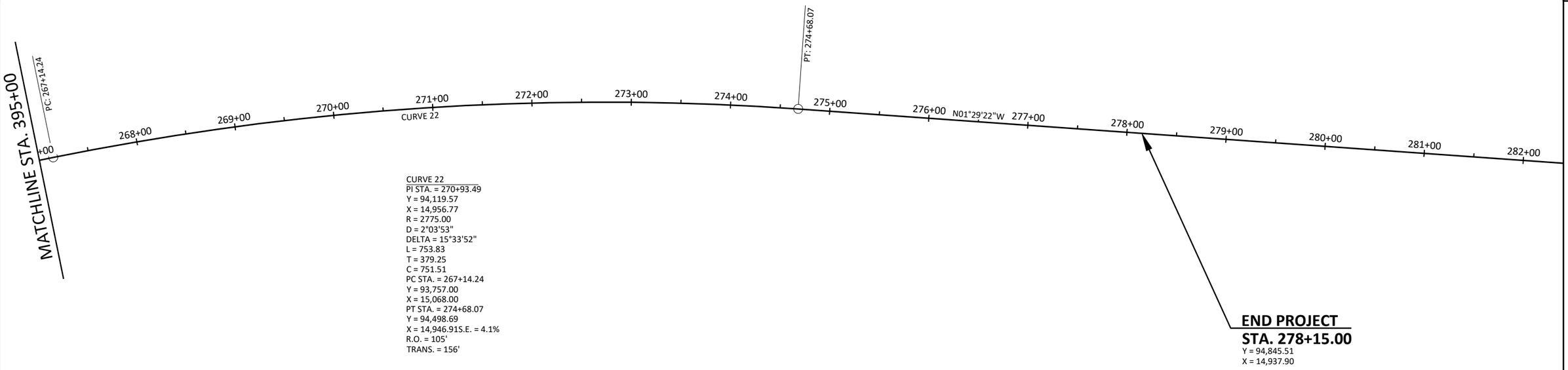
2





PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 61	E

2



CURVE 22
PI STA. = 270+93.49
Y = 94,119.57
X = 14,956.77
R = 2775.00
D = 2°03'53"
DELTA = 15°33'52"
L = 753.83
T = 379.25
C = 751.51
PC STA. = 267+14.24
Y = 93,757.00
X = 15,068.00
PT STA. = 274+68.07
Y = 94,498.69
X = 14,946.91S.E. = 4.1%
R.O. = 105'
TRANS. = 156'

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	ALIGNMENT DETAILS	SHEET 62	E

Estimate Of Quantities

7026-00-71

Line	Item	Item Description	Unit	Total	Qty
0002	201.0210	Grubbing	SY	7,920.000	7,920.000
0004	204.0100	Removing Concrete Pavement	SY	11.000	11.000
0006	204.0115	Removing Asphaltic Surface Butt Joints	SY	460.000	460.000
0008	204.0165	Removing Guardrail	LF	2,175.000	2,175.000
0010	205.0100	Excavation Common	CY	9,305.000	9,305.000
0012	208.0100	Borrow	CY	16,580.000	16,580.000
0014	213.0100	Finishing Roadway (project) 01. 7026-00-71	EACH	1.000	1.000
0016	305.0110	Base Aggregate Dense 3/4-Inch	TON	5,175.000	5,175.000
0018	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	43,310.000	43,310.000
0020	325.0100	Pulverize and Relay	SY	52,720.000	52,720.000
0022	374.1020.S	QMP Pulverize and Relay Compaction	SY	52,720.000	52,720.000
0024	455.0605	Tack Coat	GAL	3,740.000	3,740.000
0026	460.2000	Incentive Density HMA Pavement	DOL	11,280.000	11,280.000
0028	460.5223	HMA Pavement 3 LT 58-28 S	TON	9,955.000	9,955.000
0030	460.5244	HMA Pavement 4 LT 58-34 S	TON	7,645.000	7,645.000
0032	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	20.000	20.000
0034	602.0810	Concrete Driveway 6-Inch	SY	12.000	12.000
0036	614.2300	MGS Guardrail 3	LF	12.500	12.500
0038	614.2330	MGS Guardrail 3 K	LF	7,387.500	7,387.500
0040	614.2500	MGS Thrie Beam Transition	LF	157.600	157.600
0042	614.2610	MGS Guardrail Terminal EAT	EACH	20.000	20.000
0044	618.0100	Maintenance and Repair of Haul Roads (project) 01. 7026-00-71	EACH	1.000	1.000
0046	619.1000	Mobilization	EACH	1.000	1.000
0048	624.0100	Water	MGAL	989.000	989.000
0050	625.0100	Topsoil	SY	7,130.000	7,130.000
0052	625.0500	Salvaged Topsoil	SY	64,115.000	64,115.000
0054	627.0200	Mulching	SY	44,080.000	44,080.000
0056	628.1504	Silt Fence	LF	20,015.000	20,015.000
0058	628.1520	Silt Fence Maintenance	LF	120,090.000	120,090.000
0060	628.1905	Mobilizations Erosion Control	EACH	6.000	6.000
0062	628.1910	Mobilizations Emergency Erosion Control	EACH	10.000	10.000
0064	628.2002	Erosion Mat Class I Type A	SY	6,380.000	6,380.000
0066	628.2023	Erosion Mat Class II Type B	SY	19,835.000	19,835.000
0068	628.2039	Erosion Mat Class III Type D	SY	225.000	225.000
0070	628.7504	Temporary Ditch Checks	LF	1,310.000	1,310.000
0072	628.7555	Culvert Pipe Checks	EACH	176.000	176.000
0074	628.7570	Rock Bags	EACH	234.000	234.000
0076	629.0210	Fertilizer Type B	CWT	45.000	45.000
0078	630.0120	Seeding Mixture No. 20	LB	1,925.000	1,925.000
0080	630.0160	Seeding Mixture No. 60	LB	20.000	20.000
0082	630.0200	Seeding Temporary	LB	1,925.000	1,925.000
0084	630.0500	Seed Water	MGAL	3,170.000	3,170.000
0086	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	16.000	16.000
0088	637.2230	Signs Type II Reflective F	SF	114.750	114.750
0090	638.2102	Moving Signs Type II	EACH	1.000	1.000
0092	638.2602	Removing Signs Type II	EACH	6.000	6.000
0094	638.3000	Removing Small Sign Supports	EACH	6.000	6.000
0096	642.5001	Field Office Type B	EACH	1.000	1.000
0098	643.0300	Traffic Control Drums	DAY	5,300.000	5,300.000

7026-00-71

Line	Item	Item Description	Unit	Total	Qty
0100	643.0420	Traffic Control Barricades Type III	DAY	4,240.000	4,240.000
0102	643.0705	Traffic Control Warning Lights Type A	DAY	8,480.000	8,480.000
0104	643.0900	Traffic Control Signs	DAY	9,496.000	9,496.000
0106	643.1000	Traffic Control Signs Fixed Message	SF	36.000	36.000
0108	643.5000	Traffic Control	EACH	1.000	1.000
0110	646.1020	Marking Line Epoxy 4-Inch	LF	46,468.000	46,468.000
0112	646.2020	Marking Line Epoxy 6-Inch	LF	54,184.000	54,184.000
0114	646.6120	Marking Stop Line Epoxy 18-Inch	LF	20.000	20.000
0116	648.0100	Locating No-Passing Zones	MI	5.300	5.300
0118	650.4500	Construction Staking Subgrade	LF	14,486.000	14,486.000
0120	650.5000	Construction Staking Base	LF	28,001.000	28,001.000
0122	650.8000	Construction Staking Resurfacing Reference	LF	13,515.000	13,515.000
0124	650.9911	Construction Staking Supplemental Control (project) 01. 7026-00-71	EACH	1.000	1.000
0126	650.9920	Construction Staking Slope Stakes	LF	14,486.000	14,486.000
0128	690.0150	Sawing Asphalt	LF	267.000	267.000
0130	690.0250	Sawing Concrete	LF	11.000	11.000
0132	740.0440	Incentive IRI Ride	DOL	20,800.000	20,800.000
0134	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	1,500.000	1,500.000
0136	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	990.000	990.000
0138	SPV.0060	Special 01. Reestablish Section Corner Monuments	EACH	1.000	1.000
0140	SPV.0195	Special 01. Base Aggregate Disintegrated Granite	TON	50.000	50.000

GRUBBING

STATION - STATION	LOCATION	201.0210 (SY)
71+29 - 78+03	MAINLINE, RT.	1,051
97+41 - 103+00	MAINLINE, LT.	889
120+06 - 122+00	MAINLINE, LT.	301
241+48 - 242+14	MAINLINE, RT.	14
247+29 - 249+99	MAINLINE, RT.	1,590
247+41 - 248+66	MAINLINE, LT.	263
253+03 - 256+15	MAINLINE, RT.	1,156
253+33 - 254+79	MAINLINE, LT.	319
257+05 - 258+08	MAINLINE, RT.	69
262+16 - 265+83	MAINLINE, RT.	1,168
262+67 - 267+25	MAINLINE, LT.	985
268+51 - 270+74	MAINLINE, LT.	115
	TOTAL =	7,920

REMOVING CONCRETE PAVEMENT

STATION	LOCATION	204.0100 (SY)
219+15	P.E., LT.	11
	TOTAL =	11

REMOVING ASPHALTIC SURFACE BUTT JOINTS

STATION - STATION	LOCATION	204.0115 (SY)
277+65 - 278+15	MAINLINE	115
112+00, LT.	BECK RD	60
112+00, RT.	FRANKLIN RD	80
156+25, LT.	NILES RD	110
229+25, LT.	KENNEDY RD	95
	TOTAL =	460

REMOVING GUARDRAIL

STATION - STATION	LOCATION	204.0165 (LF)
2+60 - 3+30	MAINLINE, LT.	70
2+63 - 3+35	MAINLINE, RT.	72
3+73 - 4+42	MAINLINE, LT.	69
3+78 - 4+47	MAINLINE, RT.	69
247+05 - 249+80	MAINLINE, RT.	275
247+23 - 249+76	MAINLINE, LT.	253
252+63 - 255+51	MAINLINE, RT.	288
253+35 - 255+62	MAINLINE, LT.	227
261+29 - 266+05	MAINLINE, RT.	476
262+77 - 266+53	MAINLINE, LT.	376
	TOTAL =	2,175

EARTHWORK SUMMARY

CATEGORY	STATION - STATION	LOCATION	(1) 205.0100 COMMON EXCAVATION CUT (2) (CY)	AVAILABLE MATERIAL (3) (CY)	UNEXPANDED FILL (CY)	EXPANDED FILL (4) (CY) FACTOR (1.25)	MASS ORDINATE +/- (CY) (5)	208.0100 BORROW (CY)
010	0+12 - 278+15	MAINLINE	9,280	9,280	20,623	25,815	-16,535	16,535
010	10'A'+22 - 11'A'+14	'A'-LINE	13	13	8	11	2	0
010	10'AA'+13 - 11'AA'+19	'AA'-LINE	12	12	45	57	-45	45
		SUBTOTALS =	9,305	9,305	20,676	25,883	-16,578	16,580
		TOTALS =	9,305	9,305	20,676	25,883	-16,578	16,580

NOTES:
1.) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100.
2.) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
3.) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL.
4.) EXPANDED FILL FACTOR 1.25: EXPANDED FILL = UNEXPANDED FILL*1.25
5.) THE MASS ORDINATE+ OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISON. MINUS QUANTITY INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

3

BASE AGGREGATE DENSE

STATION - STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH (TON)	624.0100 WATER* (MGAL)	SPV.0195.01 BASE AGGREGATE DISINTIGRATED GRANITE (TON)
0+12 - 3+30	MAINLINE	65	935	15	-
3+75 - 65+00	MAINLINE	985	12,125	197	-
65+00 - 278+15	MAINLINE	3,125	28,630	477	-
69+00 - 79+00	CURVE 7	-	160	2	-
89+00 - 115+00	CURVES 8, 9, 10, & 11	-	400	6	-
130+00 - 135+00	CURVE 12	-	80	1	-
140+00 - 147+00	CURVE 13	-	112	2	-
158+00 - 172+00	CURVES 14 & 15	-	224	3	-
186+00 - 190+00	CURVE 16	-	66	1	-
195+00 - 199+00	CURVE 17	-	66	1	-
201+00 - 215+00	CURVES 18 & 19	-	192	3	-
239+00 - 251+00	CURVE 21	-	176	3	-
267+00 - 276+00	CURVE 22	-	144	2	-
171+00, RT.	HARRISON RD	70	-	1	-
262+25, LT.	MORTENSON DR	30	-	1	-
10'A'+22 - 11'A'+14	A'-LINE	50		1	-
10'AA'+13 - 11'AA'+19	'AA'-LINE	-	-	1	50
-	P.E. / F.E.	850	-	13	-
	TOTALS =	5,175	43,310	730	50

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PULVERIZE AND RELAY

STATION - STATION	LOCATION	325.0100 PULVERIZE AND RELAY (SY)	374.1020.S QMP PULVERIZE AND RELAY COMPACTION (SY)	624.0100 WATER* (MGAL)
65+00 - 278+15	MAINLINE	52,110	52,110	255
112+00, LT.	BECK RD	135	135	1
112+00, RT.	FRANKLIN RD	165	165	1
156+25, LT.	NILES RD	110	110	1
229+25, LT.	KENNEDY RD	200	200	1
	TOTALS =	52,720	52,720	259

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

HMA PAVEMENT

STATION - STATION	LOCATION	455.0605 TACK COAT (GAL)	460.5223 HMA PAVEMENT 3 LT 58-28 S (TON)	460.5244 HMA PAVEMENT 4 LT 58-34 S (TON)	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES (TON)
0+12 - 3+30	MAINLINE	60	155	120	-
3+74 - 278+15	MAINLINE	3,650	9,720	7,465	-
112+00, LT.	BECK RD	7	20	15	-
112+00, RT.	FRANKLIN RD	8	20	15	-
156+25, LT.	NILES RD	5	15	10	-
229+25, RT.	KENNEDY RD	10	25	20	-
-	PROJECT	-	-	-	20
	TOTALS =	3,740	9,955	7,645	20

CONCRETE DRIVEWAY 6-INCH

STATION	LOCATION	602.0810 (SY)
219+15	P.E., LT.	12
	TOTAL =	12

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

MGS GUARDRAIL

STATION-STATION	LOCATION	614.2300 MGS GUARDRAIL 3 (LF)	614.2330 MGS GUARDRAIL 3 K (LF)	614.2500 MGS THRIE BEAM TRANSITION (LF)	614.2610 MGS GUARDRAIL TERMINAL EAT (EACH)
02+40 - 02+91	MAINLINE, LT.	-	-	-	1
02+40 - 02+95	MAINLINE, RT.	-	-	-	1
02+91 - 03+28	MAINLINE, LT.	-	-	39.4	-
02+95 - 03+32	MAINLINE, RT.	-	-	39.4	-
03+70 - 04+10	MAINLINE, LT.	-	-	39.4	-
03+75 - 04+14	MAINLINE, RT.	-	-	39.4	-
04+10 - 04+22	MAINLINE, LT.	12.5	-	-	-
04+10 - 04+75	MAINLINE, LT.	-	-	-	1
04+14 - 04+67	MAINLINE, RT.	-	-	-	1
66+47 - 67+00	MAINLINE, RT.	-	-	-	1
67+00 - 91+36	MAINLINE, RT.	-	2,450	-	-
91+36 - 91+88	MAINLINE, RT.	-	-	-	1
92+43 - 92+96	MAINLINE, RT.	-	-	-	1
92+96 - 98+66	MAINLINE, RT.	-	575	-	-
98+66 - 99+19	MAINLINE, RT.	-	-	-	1
96+65 - 97+19	MAINLINE, LT.	-	-	-	1
97+19 - 105+48	MAINLINE, LT.	-	825	-	-
105+48 - 106+02	MAINLINE, LT.	-	-	-	1
118+46 - 118+98	MAINLINE, LT.	-	-	-	1
118+98 - 123+59	MAINLINE, LT.	-	462.5	-	-
123+59 - 124+12	MAINLINE, LT.	-	-	-	1
246+47 - 247+00	MAINLINE, RT.	-	-	-	1
246+84 - 247+38	MAINLINE, LT.	-	-	-	1
247+38 - 256+02	MAINLINE, LT.	-	862.5	-	-
256+02 - 256+55	MAINLINE, LT.	-	-	-	1
247+00 - 256+98	MAINLINE, RT.	-	1,000	-	-
256+98 - 257+51	MAINLINE, RT.	-	-	-	1
261+07 - 261+60	MAINLINE, RT.	-	-	-	1
261+60 - 266+98	MAINLINE, RT.	-	537.5	-	-
262+71 - 263+25	MAINLINE, LT.	-	-	-	1
266+98 - 267+51	MAINLINE, RT.	-	-	-	1
263+25 - 269+98	MAINLINE, LT.	-	675	-	-
269+98 - 270+51	MAINLINE, LT.	-	-	-	1
	TOTALS =	12.5	7,387.5	157.6	20

FINISHING ITEMS

STATION - STATION	LOCATION	625.0100 TOPSOIL (SY)	625.0500 SALVAGED TOPSOIL (SY)	627.0200 MULCHING (SY)	629.0210 FERTILIZER TYPE B (CWT)	630.0120 SEEDING MIXTURE NO. 20 (LB)	630.0160 SEEDING MIXTURE NO. 60 (LB)	630.0200 SEEDING TEMPORARY (LB)	630.0500 SEED WATER (MGAL)
0+12 - 278+15	MAINLINE	6,480	58,315	40,080	40	1,750	18	1,750	2,880
UNDISTRIBUTED (10%)	PROJECT	650	5,800	4,000	5	175	2	175	290
	TOTALS	7,130	64,115	44,080	45	1,925	20	1,925	3,170

**NOTE: USE SEED MIXTURE NO. 60 IN AREAS ADJACENT TO EXISTING WETLANDS. DO NOT USE FERTILIZER IN WETLAND AREAS.

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

3

SILT FENCE

STATION - STATION	LOCATION	628.1504 SILT FENCE (LF)	628.1520 SILT FENCE MAINTENANCE (LF)
0+49 - 3+28	MAINLINE, LT.	318	1,908
0+51 - 3+28	MAINLINE, RT.	251	1,506
3+77 - 5+97	MAINLINE, LT.	222	1,332
3+77 - 10+66	MAINLINE, RT.	693	4,158
6+13 - 6+95	MAINLINE, LT.	83	498
10+87 - 12+77	MAINLINE, RT.	194	1,164
13+03 - 28+42	MAINLINE, RT.	1,559	9,354
28+56 - 45+93	MAINLINE, RT.	1,751	10,506
35+72 - 38+03	MAINLINE, LT.	232	1,392
39+09 - 43+21	MAINLINE, LT.	414	2,484
46+11 - 92+09	MAINLINE, RT.	4,689	28,134
60+00 - 62+54	MAINLINE, LT.	273	1,638
62+85 - 64+64	MAINLINE, LT.	183	1,098
91+00 - 96+36	MAINLINE, LT.	530	3,180
92+30 - 94+64	MAINLINE, RT.	247	1,482
97+10 - 103+72	MAINLINE, LT.	674	4,044
105+03 - 109+00	MAINLINE, RT.	399	2,394
112+27 - 114+09	MAINLINE, LT.	187	1,122
117+88 - 124+97	MAINLINE, LT.	721	4,326
125+48 - 127+04	MAINLINE, RT.	159	954
131+30 - 134+45	MAINLINE, LT.	324	1,944
158+42 - 159+50	MAINLINE, LT.	109	654
186+31 - 187+47	MAINLINE, RT.	114	684
188+77 - 190+49	MAINLINE, LT.	173	1,038
194+05 - 195+83	MAINLINE, RT.	182	1,092
202+09 - 203+57	MAINLINE, RT.	145	870
202+47 - 205+00	MAINLINE, LT.	258	1,548
219+12 - 220+60	MAINLINE, LT.	161	966
219+64 - 220+41	MAINLINE, RT.	78	468
246+50 - 249+17	MAINLINE, LT.	277	1,662
246+50 - 250+00	MAINLINE, RT.	431	2,586
252+50 - 259+00	MAINLINE, RT.	682	4,092
253+00 - 256+00	MAINLINE, LT.	320	1,920
261+52 - 269+00	MAINLINE, RT.	776	4,656
262+45 - 270+93	MAINLINE, LT.	869	5,214
271+17 - 275+00	MAINLINE, LT.	387	2,322
	UNDISTIBUTED	950	5,700
	TOTALS =	20,015	120,090

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

MOBILIZATION EROSION CONTROL

PROJECT	628.1905 MOBILIZATION EROSION CONTROL (EACH)	628.1910 MOBILIZATION EMERGENCY EROSION CONTROL (EACH)
7026-00-71	6	10

EROSION MAT

STATION - STATION	LOCATION	628.2002 EROSION MAT CLASS I TYPE A (SY)	628.2023 EROSION MAT CLASS II TYPE B (SY)	628.2039 EROSION MAT CLASS III TYPE D (SY)
2+64 - 3+28	MAINLINE, LT.	70	-	-
3+77 - 4+26	MAINLINE, LT.	25	-	-
3+77 - 4+42	MAINLINE, RT.	65	-	-
66+72 - 67+00	MAINLINE, RT.	40	-	-
67+00 - 82+00	MAINLINE, RT.	-	5,720	-
82+00 - 92+07	MAINLINE, RT.	2,960	-	-
92+29 - 92+71	MAINLINE, RT.	125	-	-
92+69 - 97+00	MAINLINE, RT.	-	1,095	-
94+50 - 98+50	MAINLINE, RT.	-	-	225
96+93 - 97+17	MAINLINE, LT.	70	-	-
97+00 - 98+93	MAINLINE, RT.	260	-	-
96+00 - 104+00	MAINLINE, LT.	-	2,610	-
104+00 - 105+77	MAINLINE, LT.	175	-	-
118+71 - 119+00	MAINLINE, LT.	50	-	-
119+00 - 123+00	MAINLINE, LT.	-	1,100	-
123+00 - 123+28	MAINLINE, LT.	60	-	-
219+00 - 221+00	MAINLINE, RT.	155	-	-
246+72 - 247+00	MAINLINE, RT.	40	-	-
247+00 - 251+00	MAINLINE, RT.	-	2,135	-
247+10 - 247+36	MAINLINE, LT.	20	-	-
247+36 - 249+00	MAINLINE, LT.	-	490	-
249+00 - 253+00	MAINLINE, LT.	240	-	-
251+00 - 253+00	MAINLINE, RT.	165	-	-
253+00 - 255+00	MAINLINE, LT.	-	600	-
253+00 - 256+00	MAINLINE, RT.	-	1,670	-
255+00 - 255+65	MAINLINE, LT.	65	-	-
256+00 - 257+28	MAINLINE, RT.	245	-	-
261+32 - 262+00	MAINLINE, RT.	60	-	-
262+00 - 266+00	MAINLINE, RT.	-	1,865	-
262+96 - 267+00	MAINLINE, LT.	-	1,550	-
266+00 - 267+28	MAINLINE, RT.	310	-	-
267+00 - 270+27	MAINLINE, LT.	680	-	-
	UNDISTRIBUTED	500	1,000	-
	TOTALS =	6,380	19,835	225

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

3

TEMPORARY DITCH CHECKS

STATION	LOCATION	628.7504 (LF)
-	MAINLINE	1,310
	TOTAL =	1,310

CULVERT PIPE CHECKS

STATION	LOCATION	628.7555 (EACH)	REMARKS
8+27	MAINLINE, LT	7	36-INCH CPCP
13+72	MAINLINE, LT	7	36-INCH CPCP
17+93	MAINLINE, LT	5	30-INCH CPCP
19+21	MAINLINE, LT	5	30-INCH CPCP
30+26	MAINLINE, LT	3	24-INCH CPCP
37+70	MAINLINE, LT	7	36-INCH CPCP
42+23	MAINLINE, LT	13	60-INCH CPCP
51+58	MAINLINE, LT	7	36-INCH CPCP
64+76	MAINLINE, LT	5	30-INCH CPCM
74+27	MAINLINE, LT	5	30-INCH CPCM
82+18	MAINLINE, LT	17	72-INCH CPCM
90+62	MAINLINE, LT	17	72-INCH CPCM
102+55	MAINLINE, RT	7	36-INCH CPCM
109+75	MAINLINE, LT	3	24-INCH CPCM
204+55	MAINLINE, LT	5	30-INCH CPCM
209+05	MAINLINE, RT	3	24-INCH CPCM
220+20	MAINLINE, LT	17	72-INCH CPCM
236+67	MAINLINE, RT	5	30-INCH CPCM
242+10	MAINLINE, RT	5	30-INCH CPCM
265+00	MAINLINE, RT	17	72-INCH CPCM
UNDISTRIBUTED		16	
	TOTAL =	176	

ROCK BAGS

STATION	LOCATION	628.7570 (EACH)	REMARKS
24+00	MAINLINE, RT	18	SILT FENCE RELIEF
33+00	MAINLINE, RT	18	SILT FENCE RELIEF
72+00	MAINLINE, RT	18	SILT FENCE RELIEF
102+00	MAINLINE, LT	18	SILT FENCE RELIEF
121+00	MAINLINE, LT	18	SILT FENCE RELIEF
248+50	MAINLINE, LT	18	SILT FENCE RELIEF
249+00	MAINLINE, RT	18	SILT FENCE RELIEF
254+00	MAINLINE, LT	18	SILT FENCE RELIEF
255+00	MAINLINE, RT	18	SILT FENCE RELIEF
265+00	MAINLINE, LT	18	SILT FENCE RELIEF
265+00	MAINLINE, RT	18	SILT FENCE RELIEF
UNDISTRIBUTED		36	
	TOTAL =	234	

3

PERMANENT SIGNING

SIGN NUMBER	APPROX. STATION	LOCATION	POSITION	SIGN CODE	SIGN DESCRIPTION	ORDER LINES	SIZE (INCH X INCH)	637.2230 SIGNS TYPE II REFLECTIVE F (SF)	634.0616 POSTS WOOD 4X6-INCH 16-FT (EACH)	638.2102 MOVING SIGNS TYPE II (EACH)	638.2602 REMOVING SIGNS TYPE II (EACH)	638.3000 REMOVING SMALL SIGN SUPPORTS (EACH)	SIGN MOUNTED ON SAME POST AS
1-01	2+00	MAINLINE	LEFT	W1-6	LEFT ARROW		48X24	8.00	1	-	-	-	-
1-02	7+55	MAINLINE	LEFT	W1-1L	LEFT TURN		36X36	9.00	1	-	-	-	-
1-03	7+55	MAINLINE	LEFT	W13-1P	ADVISORY SPEED PLAQUE	25	18X18	2.25	-	-	-	-	1-02
2-01R	57+50	MAINLINE	RIGHT	W1-4R	RIGHT REVERSE CURVE		-	-	-	-	1	1	-
3-01	60+50	MAINLINE	RIGHT	W1-4R	RIGHT REVERSE CURVE		30X30	6.25	1	-	-	-	-
3-02	78+50	MAINLINE	LEFT	W1-4R	RIGHT REVERSE CURVE		30X30	6.25	1	-	-	-	-
3-03R	83+55	MAINLINE	LEFT	W1-4R	RIGHT REVERSE CURVE		-	-	-	-	1	1	-
4-01	105+50	MAINLINE	RIGHT	W2-1	CROSS ROAD		30X30	6.25	1	-	-	-	-
5-01	119+00	MAINLINE	LEFT	W2-1	CROSS ROAD		-	-	-	1	-	-	-
5-02R	127+20	MAINLINE	RIGHT	W1-5R	RIGHT WINDING ROAD		-	-	-	-	1	1	-
5-03	139+00	MAINLINE	RIGHT	W1-2L	LEFT CURVE		30X30	6.25	1	-	-	-	-
5-04	147+60	MAINLINE	LEFT	W1-2R	RIGHT CURVE		30X30	6.25	1	-	-	-	-
6-01	156+75	MAINLINE	RIGHT	W1-4L	LEFT REVERSE CURVE		30X30	6.25	1	-	-	-	-
6-02	172+00	MAINLINE	LEFT	W1-4L	LEFT REVERSE CURVE		30X30	6.25	1	-	-	-	-
7-01R	180+10	MAINLINE	LEFT	W1-5L	LEFT WINDING ROAD		-	-	-	-	1	1	-
7-02R	180+15	MAINLINE	RIGHT	W1-5R	RIGHT WINDING ROAD		-	-	-	-	1	1	-
7-03	184+00	MAINLINE	RIGHT	W1-2R	RIGHT CURVE		30X30	6.25	1	-	-	-	-
7-04	189+60	MAINLINE	LEFT	W1-2L	LEFT CURVE		30X30	6.25	1	-	-	-	-
7-05	191+75	MAINLINE	RIGHT	W1-5L	LEFT WINDING ROAD		30X30	6.25	1	-	-	-	-
7-06	191+75	MAINLINE	RIGHT	W13-1P	ADVISORY SPEED PLAQUE	40	18X18	2.25	-	-	-	-	7-05
7-07	206+00	MAINLINE	LEFT	W1-4L	LEFT REVERSE CURVE		30X30	6.25	1	-	-	-	-
7-08	206+00	MAINLINE	LEFT	W13-1P	ADVISORY SPEED PLAQUE	40	18X18	2.25	-	-	-	-	7-07
7-09	207+50	MAINLINE	RIGHT	W1-6	LEFT ARROW		48X24	8.00	1	-	-	-	-
8-01	212+25	MAINLINE	RIGHT	W1-6	RIGHT ARROW		48X24	8.00	1	-	-	-	-
8-02	231+50	MAINLINE	LEFT	W1-5L	LEFT WINDING ROAD		30X30	6.25	1	-	-	-	-
8-03R	232+00	MAINLINE	LEFT	W1-5L	LEFT WINDING ROAD		-	-	-	-	1	1	-
							TOTALS =	114.75	16	1	6	6	

3

TRAFFIC CONTROL

LOCATION	643.0300 TRAFFIC CONTROL DRUMS (COUNT)	(DAY)	643.0420 TRAFFIC CONTROL BARRICADES TYPE III (COUNT)	(DAY)	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A (COUNT)	(DAY)	643.0900 TRAFFIC CONTROL SIGNS (COUNT)	(DAY)	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE (SF)	643.5000 TRAFFIC CONTROL (EACH)	COMMENTS
CTH C/CTH N	-	-	2	424	4	848	11	2,332	-	-	DETAIL A
CTH N (PULVERIZE & RELAY/PAVING OPERATIONS)	-	-	-	-	-	-	48	1,440	-	-	(12 EA) W8-12; R4-1; W8-11; W8-9A
BECK RD	-	-	2	424	4	848	3	636	-	-	DETAIL B
FRANKLIN RD	-	-	2	424	4	848	3	636	-	-	DETAIL B
SOUTH SKUTLEY RD	-	-	-	-	-	-	1	212	-	-	DETAIL B
NILES RD	-	-	2	424	4	848	3	636	-	-	DETAIL C
HARRISON RD	-	-	2	424	4	848	3	636	-	-	DETAIL D
KENNEDY RD	-	-	2	424	4	848	3	636	-	-	DETAIL E
MORTENSON DR	-	-	2	424	4	848	2	424	-	-	DETAIL F
CTH N/RABBIT RUN RD	-	-	4	848	8	1,696	7	1,484	-	-	DETAIL G
CTH P/2ND ST	-	-	2	424	4	848	2	424	-	-	DETAIL H
PROJECT	25	5,300	-	-	-	-	-	-	36	1	(2 EA) 6' X 3' G20-57C
TOTALS =		5,300		4,240		8,480		9,496	36	1	

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

PAVEMENT MARKING

STATION - STATION	LOCATION	DESCRIPTION	646.1020 MARKING LINE EPOXY 4-INCH YELLOW SOLID (LF)	646.1020 MARKING LINE EPOXY 4-INCH WHITE SOLID (LF)	646.1020 MARKING LINE EPOXY 4-INCH YELLOW DASHED (LF)	646.2020 MARKING LINE EPOXY 6-INCH YELLOW SOLID (LF)	646.2020 MARKING LINE EPOXY 6-INCH WHITE SOLID (LF)	646.2020 MARKING LINE EPOXY 6-INCH YELLOW DASHED (LF)	646.6120 MARKING STOP LINE EPOXY 18-INCH (LF)
0+24	MAINLINE, LT.	STOP LINE	-	-	-	-	-	-	20
0+80 - 2+80	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	400	-	-
0+24 - 2+80	MAINLINE	DOUBLE YELLOW CL	-	-	-	512	-	-	-
2+80 - 11+14	MAINLINE, RT. & LT.	FOG LINE	-	1,668	-	-	-	-	-
2+80 - 11+14	MAINLINE	DOUBLE YELLOW CL	1,668	-	-	-	-	-	-
11+14 - 28+51	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	3,474	-	-
11+14 - 24+04	MAINLINE	DOUBLE YELLOW CL	-	-	-	2,580	-	-	-
24+04 - 28+51	MAINLINE	DASHED YELLOW-NB / SOLID YELLOW-SB	-	-	-	447	-	112	-
28+51 - 37+75	MAINLINE, RT. & LT.	FOG LINE	-	1,848	-	-	-	-	-
28+51 - 34+31	MAINLINE	DASHED YELLOW-NB / SOLID YELLOW-SB	580	-	145	-	-	-	-
34+31 - 37+75	MAINLINE	DASHED YELLOW CL	-	-	86	-	-	-	-
37+75 - 44+20	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	1,290	-	-
37+75 - 38+90	MAINLINE	DASHED YELLOW CL	-	-	-	-	-	29	-
38+90 - 44+20	MAINLINE	SOLID YELLOW-NB / DASHED YELLOW-SB	-	-	-	530	-	133	-
44+20 - 53+07	MAINLINE, RT. & LT.	FOG LINE	-	1,774	-	-	-	-	-
44+20 - 48+03	MAINLINE	SOLID YELLOW-NB / DASHED YELLOW-SB	383	-	96	-	-	-	-
48+03 - 53+07	MAINLINE	DOUBLE YELLOW CL	1,008	-	-	-	-	-	-
53+07 - 57+38	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	862	-	-
53+07 - 57+38	MAINLINE	DOUBLE YELLOW CL	-	-	-	862	-	-	-
57+38 - 61+51	MAINLINE, RT. & LT.	FOG LINE	-	826	-	-	-	-	-
57+38 - 61+51	MAINLINE	DOUBLE YELLOW CL	826	-	-	-	-	-	-
61+51 - 66+82	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	1,062	-	-
61+51 - 66+82	MAINLINE	DOUBLE YELLOW CL	-	-	-	1,062	-	-	-
66+82 - 69+07	MAINLINE, RT. & LT.	FOG LINE	-	450	-	-	-	-	-
66+82 - 69+07	MAINLINE	DOUBLE YELLOW CL	450	-	-	-	-	-	-
69+07 - 77+58	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	1,702	-	-
69+07 - 77+58	MAINLINE	DOUBLE YELLOW CL	-	-	-	1,702	-	-	-
77+58 - 88+93	MAINLINE, RT. & LT.	FOG LINE	-	2,270	-	-	-	-	--
77+58 - 88+93	MAINLINE	DOUBLE YELLOW CL	2,270	-	-	-	-	-	-
88+93 - 106+24	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	3,462	-	--
88+93 - 106+24	MAINLINE	DOUBLE YELLOW CL	-	-	-	3,462	-	-	-
106+24 - 108+44	MAINLINE, RT. & LT.	FOG LINE	-	440	-	-	-	-	-
106+24 - 108+44	MAINLINE	DOUBLE YELLOW CL	440	-	-	-	-	-	-
108+44 - 120+42	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	2,396	-	-
108+44 - 120+42	MAINLINE	DOUBLE YELLOW CL	-	-	-	2,396	-	-	-
120+42 - 128+09	MAINLINE, RT. & LT.	FOG LINE	-	1,534	-	-	-	-	-
120+42 - 128+09	MAINLINE	DOUBLE YELLOW CL	1,534	-	-	-	-	-	-
128+09 - 134+38	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	1,258	-	-
128+09 - 134+38	MAINLINE	DOUBLE YELLOW CL	-	-	-	1,258	-	-	-
134+38 - 140+07	MAINLINE, RT. & LT.	FOG LINE	-	1,138	-	-	-	-	-
134+38 - 140+07	MAINLINE	DOUBLE YELLOW CL	1,138	-	-	-	-	-	-
140+07 - 146+59	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	1,304	-	-
140+07 - 146+59	MAINLINE	DOUBLE YELLOW CL	-	-	-	1,304	-	-	-
146+59 - 157+70	MAINLINE, RT. & LT.	FOG LINE	-	2,222	-	-	-	-	-
146+59 - 157+70	MAINLINE	DOUBLE YELLOW CL	2,222	-	-	-	-	-	-
157+70 - 163+15	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	1,090	-	-
157+70 - 163+15	MAINLINE	DOUBLE YELLOW CL	-	-	-	1,090	-	-	-
163+15 - 164+86	MAINLINE, RT. & LT.	FOG LINE	-	342	-	-	-	-	-
163+15 - 164+86	MAINLINE	DOUBLE YELLOW CL	342	-	-	-	-	-	-
164+86 - 170+74	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	1,176	-	-
164+86 - 170+74	MAINLINE	DOUBLE YELLOW CL	-	-	-	1,176	-	-	-
170+74 - 184+99	MAINLINE, RT. & LT.	FOG LINE	-	2,850	-	-	-	-	-
170+74 - 184+99	MAINLINE	DOUBLE YELLOW CL	2,850	-	-	-	-	-	-
184+99 - 188+61	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	724	-	-
		SUBTOTALS =	15,711	17,362	327	16,115	17,210	273	20

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

3

PAVEMENT MARKING (CONT.)

STATION - STATION	LOCATION	DESCRIPTION	646.1020 MARKING LINE EPOXY 4-INCH YELLOW SOLID (LF)	646.1020 MARKING LINE EPOXY 4-INCH WHITE SOLID (LF)	646.1020 MARKING LINE EPOXY 4-INCH YELLOW DASHED (LF)	646.2020 MARKING LINE EPOXY 6-INCH YELLOW SOLID (LF)	646.2020 MARKING LINE EPOXY 6-INCH WHITE SOLID (LF)	646.2020 MARKING LINE EPOXY 6-INCH YELLOW DASHED (LF)	646.6120 MARKING STOP LINE EPOXY 18-INCH (LF)
184+99 - 188+61	MAINLINE	DOUBLE YELLOW CL	-	-	-	724	-	-	-
188+61 - 194+78	MAINLINE, RT. & LT.	FOG LINE	-	1,234	-	-	-	-	-
188+61 - 194+78	MAINLINE	DOUBLE YELLOW CL	1,234	-	-	-	-	-	-
194+78 - 214+31	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	3,906	-	-
194+78 - 214+31	MAINLINE	DOUBLE YELLOW CL	-	-	-	3,906	-	-	-
214+31 - 216+92	MAINLINE, RT. & LT.	FOG LINE	-	522	-	-	-	-	-
214+31 - 216+92	MAINLINE	DOUBLE YELLOW CL	522	-	-	-	-	-	-
216+92 - 230+49	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	2,714	-	-
216+92 - 230+49	MAINLINE	DOUBLE YELLOW CL	-	-	-	2,714	-	-	-
230+49 - 238+63	MAINLINE, RT. & LT.	FOG LINE	-	1,628	-	-	-	-	-
230+49 - 238+63	MAINLINE	DOUBLE YELLOW CL	1,628	-	-	-	-	-	-
238+63 - 250+17	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	2,308	-	-
238+63 - 246+23	MAINLINE	DOUBLE YELLOW CL	-	-	-	1,520	-	-	-
246+23 - 250+17	MAINLINE	DASHED YELLOW-NB / SOLID YELLOW-SB	-	-	-	394	-	99	-
250+17 - 267+14	MAINLINE, RT. & LT.	FOG LINE	-	3,394	-	-	-	-	-
250+17 - 258+39	MAINLINE	DASHED YELLOW-NB / SOLID YELLOW-SB	822	-	206	-	-	-	-
258+39 - 261+82	MAINLINE	DASHED YELLOW CL	-	-	86	-	-	-	-
261+82 - 267+14	MAINLINE	SOLID YELLOW-NB / DASHED YELLOW-SB	532	-	133	-	-	-	-
267+14 - 274+68	MAINLINE, RT. & LT.	FOG LINE	-	-	-	-	1,508	-	-
267+14 - 270+61	MAINLINE	SOLID YELLOW-NB / DASHED YELLOW-SB	-	-	-	347	-	87	-
270+61 - 272+10	MAINLINE	DASHED YELLOW CL	-	-	-	-	-	37	-
272+10 - 274+68	MAINLINE	DASHED YELLOW-NB / SOLID YELLOW-SB	-	-	-	258	-	65	-
274+68 - 278+15	MAINLINE, RT. & LT.	FOG LINE	-	694	-	-	-	-	-
274+68 - 278+15	MAINLINE	DASHED YELLOW-NB / SOLID YELLOW-SB	347	-	87	-	-	-	-
		SUBTOTALS =	5,085	7,472	511	9,863	10,436	287	0
		TOTALS =	20,796	24,834	838	25,978	27,646	560	20
		TOTALS=		46,468			54,184		20

LOCATING NO-PASSING ZONES

STATION	LOCATION	648.0100 (MI)
0+12 - 278+15	MAINLINE	5.3
	TOTAL =	5.3

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

CONSTRUCTION STAKING

STATION - STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE (LF)	650.5000 CONSTRUCTION STAKING BASE (LF)	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE (LF)	650.9911 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (01. 7026-00-71) (EACH)	650.9920 CONSTRUCTION STAKING SLOPE STAKES (LF)
0+12 - 65+00	MAINLINE	6,488	6,488	-	-	6,488
65+00 - 107+50	GUARDRAIL	4,250	4,250	-	-	4,250
107+50 - 117+00	PULVERIZE & RELAY	-	950	950	-	-
117+00 - 125+50	GUARDRAIL	850	850	-	-	850
125+50 - 245+00	PULVERIZE & RELAY	-	11,950	11,950	-	-
245+00 - 272+00	GUARDRAIL	2,700	2,700	-	-	2,700
272+00 - 278+15	PULVERIZE & RELAY	-	615	615	-	-
10'A'+22 - 11'A'+14	'A'-LINE	92	92	-	-	92
10'AA'+13 - 11'AA'+19	'AA'-LINE	106	106	-	-	106
	PROJECT	-	-	-	1	-
	TOTALS =	14,486	28,001	13,515	1	14,486

SAWING

STATION	LOCATION	690.0150 SAWING ASPHALT (LF)	690.025 SAWING CONCRETE (LF)
0+12	MAINLINE	132	-
13+00	P.E., RT.	10	-
112+00	BECK RD	20	-
112+00	FRANKLIN RD	26	-
156+25	NILES RD	25	-
219+15	P.E., LT.	-	11
229+30	KENNEDY RD	25	-
278+15	MAINLINE	29	-
	TOTALS =	267	11

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

REESTABLISH SECTION CORNER MONUMENT

STATION	LOCATION	SPV.0060.01 (EACH)
112+29.04	12.815', RT.	1

3

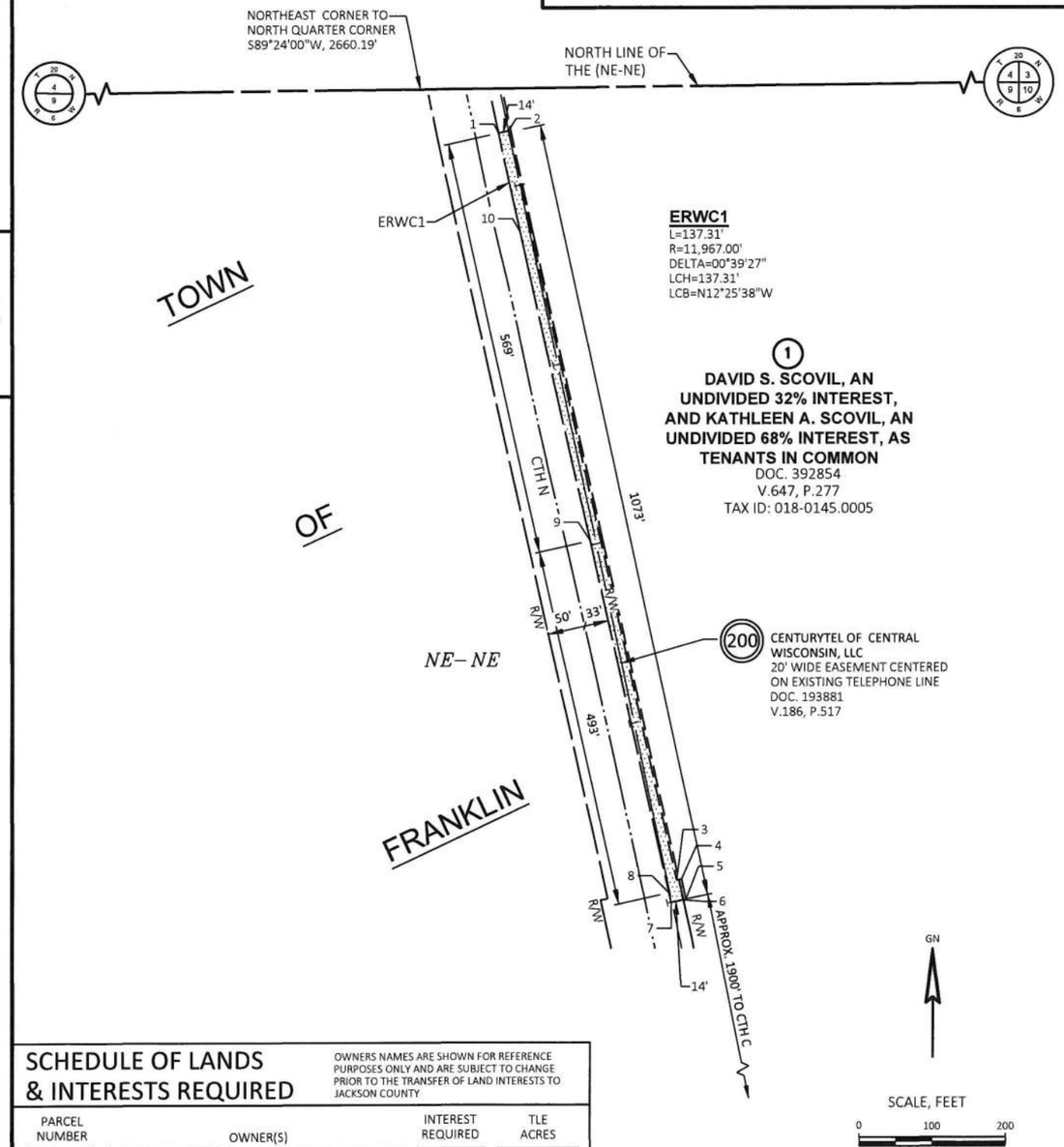
FILE NAME : S:\Projects\W11672 WisDOT - CTH N, Jackson Co\SheetsPlan\Details/W11672_MiscQuantities.ppt PLOT DATE : October 22, 2024 PLOT BY : LOGAN BETTHAUSER PLOT NAME : PLOT SCALE : 1:1

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY.
REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
THE PURPOSE OF THE TLE IS FOR ROADWAY GRADING.

R/W PROJECT NUMBER: 7026-00-01	EXHIBIT NUMBER: 1

TLE ACQUISITION EXHIBIT
STH 54 - TAYLOR
CTH C TO RABBIT RUN ROAD
CTH N — JACKSON COUNTY

PART OF THE NE¼-NE¼, SECTION 9, T20N, R6W, TOWN OF FRANKLIN, JACKSON COUNTY, WISCONSIN.



4

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO JACKSON COUNTY

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE ACRES
1	DAVID S. SCOVIL, AN UNDIVIDED 32% INTEREST, AND KATHLEEN A. SCOVIL, AN UNDIVIDED 68% INTEREST, AS TENANTS IN COMMON	TLE	0.35

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
200	CENTURYTEL OF CENTRAL WISCONSIN, LLC	TEMPORARY CONSTRUCTION EASEMENT

THIS EXHIBIT IS APPROVED FOR JACKSON COUNTY, WI.

SIGNATURE: Jay Borek DATE: 4-24-24

PRINT NAME: JAY BOREK

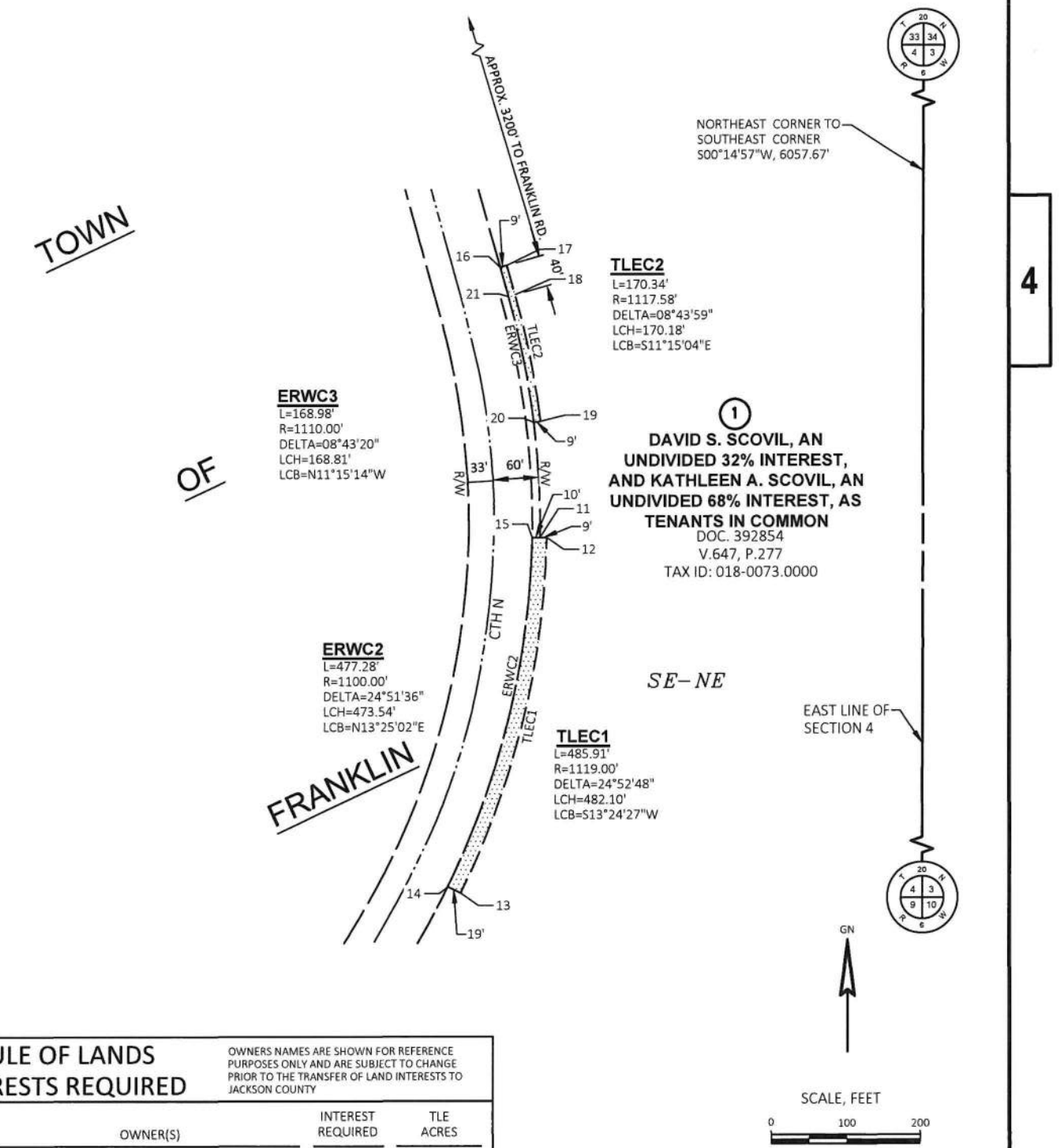
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THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY.
REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
THE PURPOSE OF THE TLE IS FOR ROADWAY GRADING .

R/W PROJECT NUMBER: 7026-00-01	EXHIBIT NUMBER: 2

TLE ACQUISITION EXHIBIT
STH 54 - TAYLOR
CTH C TO RABBIT RUN ROAD
CTH N — JACKSON COUNTY

PART OF THE SE¼-NE¼, SECTION 4, T20N, R6W, TOWN OF FRANKLIN, JACKSON COUNTY, WISCONSIN.



4

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO JACKSON COUNTY

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE ACRES
1	DAVID S. SCOVIL, AN UNDIVIDED 32% INTEREST, AND KATHLEEN A. SCOVIL, AN UNDIVIDED 68% INTEREST, AS TENANTS IN COMMON	TLE	0.25

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
N/A	N/A	N/A

THIS EXHIBIT IS APPROVED FOR JACKSON COUNTY, WI.

SIGNATURE: Jay Borek DATE: 4-24-24

PRINT NAME: JAY BOREK

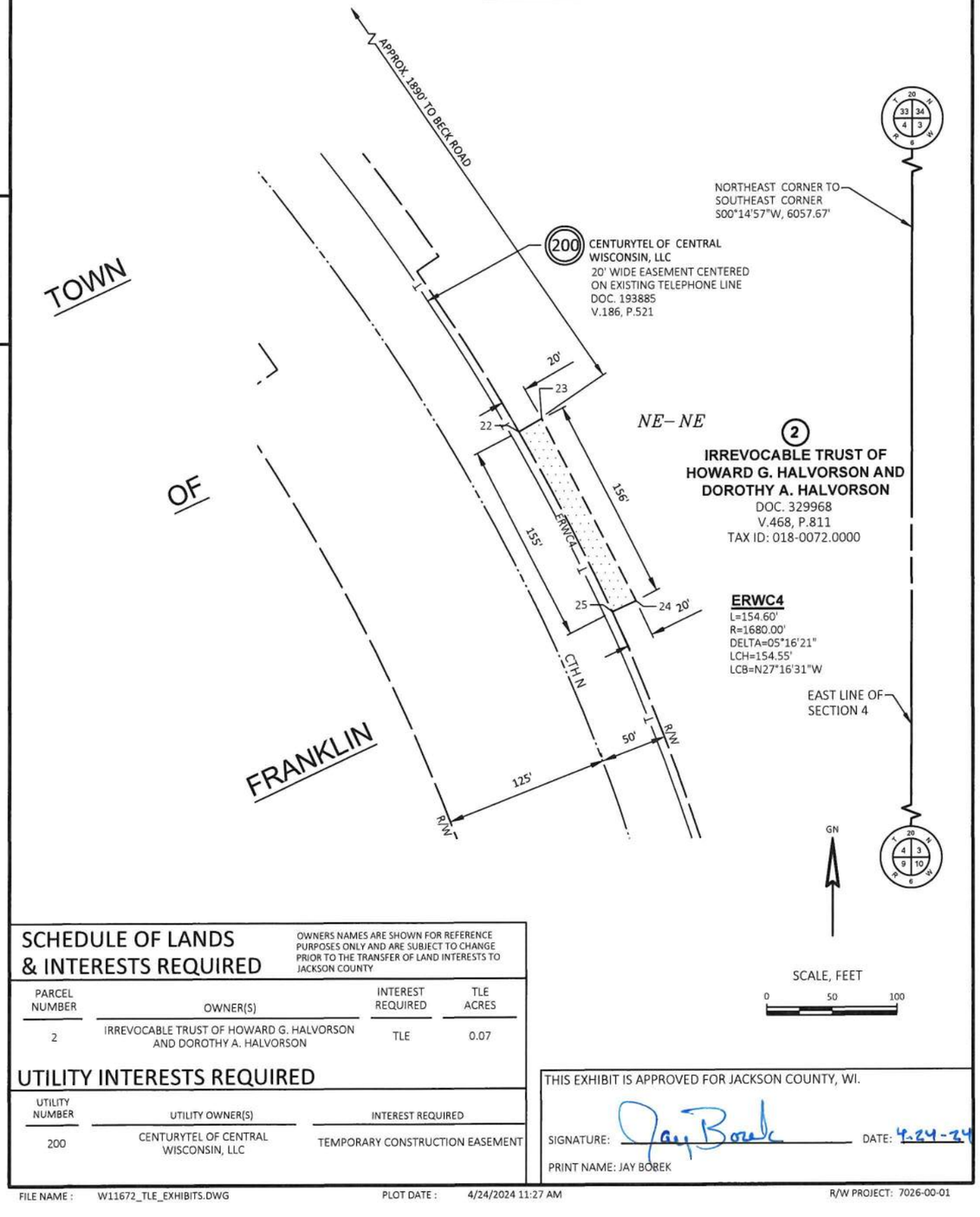
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NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY.
REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
THE PURPOSE OF THE TLE IS FOR ROADWAY GRADING.

R/W PROJECT NUMBER: 7026-00-01	EXHIBIT NUMBER: 3

TLE ACQUISITION EXHIBIT
STH 54 - TAYLOR
CTH C TO RABBIT RUN ROAD
CTH N — JACKSON COUNTY

PART OF THE NE¼-NE¼, SECTION 4, T20N, R6W, TOWN OF FRANKLIN, JACKSON COUNTY, WISCONSIN.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO JACKSON COUNTY

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE ACRES
2	IRREVOCABLE TRUST OF HOWARD G. HALVORSON AND DOROTHY A. HALVORSON	TLE	0.07

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
200	CENTURYTEL OF CENTRAL WISCONSIN, LLC	TEMPORARY CONSTRUCTION EASEMENT

THIS EXHIBIT IS APPROVED FOR JACKSON COUNTY, WI.

SIGNATURE: Jay Borek DATE: 4-24-24

PRINT NAME: JAY BOREK

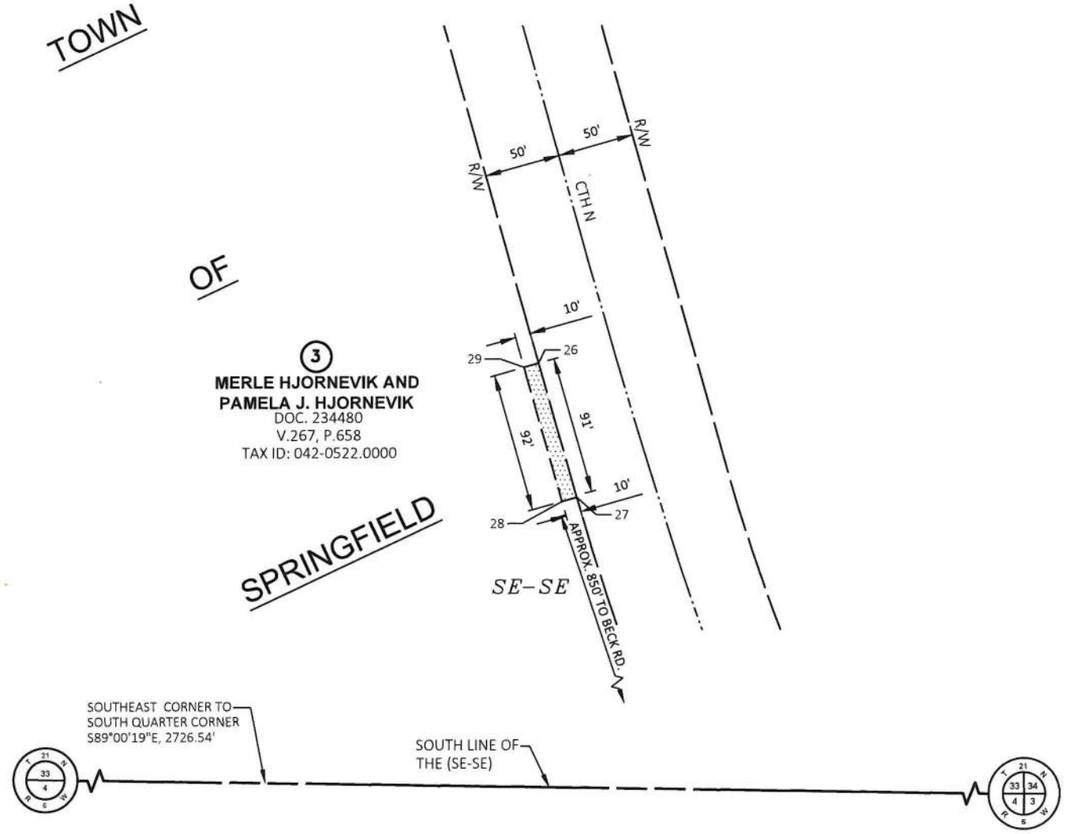
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NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY.
REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
THE PURPOSE OF THE TLE IS FOR ROADWAY GRADING.

R/W PROJECT NUMBER: 7026-00-01	EXHIBIT NUMBER: 4

TLE ACQUISITION EXHIBIT
STH 54 - TAYLOR
CTH C TO RABBIT RUN ROAD
CTH N — JACKSON COUNTY

PART OF THE SE¼-SE¼ , SECTION 33, T21N, R6W, TOWN OF SPRINGFIELD, JACKSON COUNTY, WISCONSIN.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO JACKSON COUNTY

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE ACRES
3	MERLE HJORNEVIK AND PAMELA J. HJORNEVIK	TLE	0.02

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
N/A	N/A	N/A

THIS EXHIBIT IS APPROVED FOR JACKSON COUNTY, WI.

SIGNATURE: Jay Borek DATE: 4-24-24

PRINT NAME: JAY BOREK

FILE NAME : W11672_TLE_EXHIBITS.DWG PLOT DATE : 4/24/2024 11:27 AM R/W PROJECT: 7026-00-01

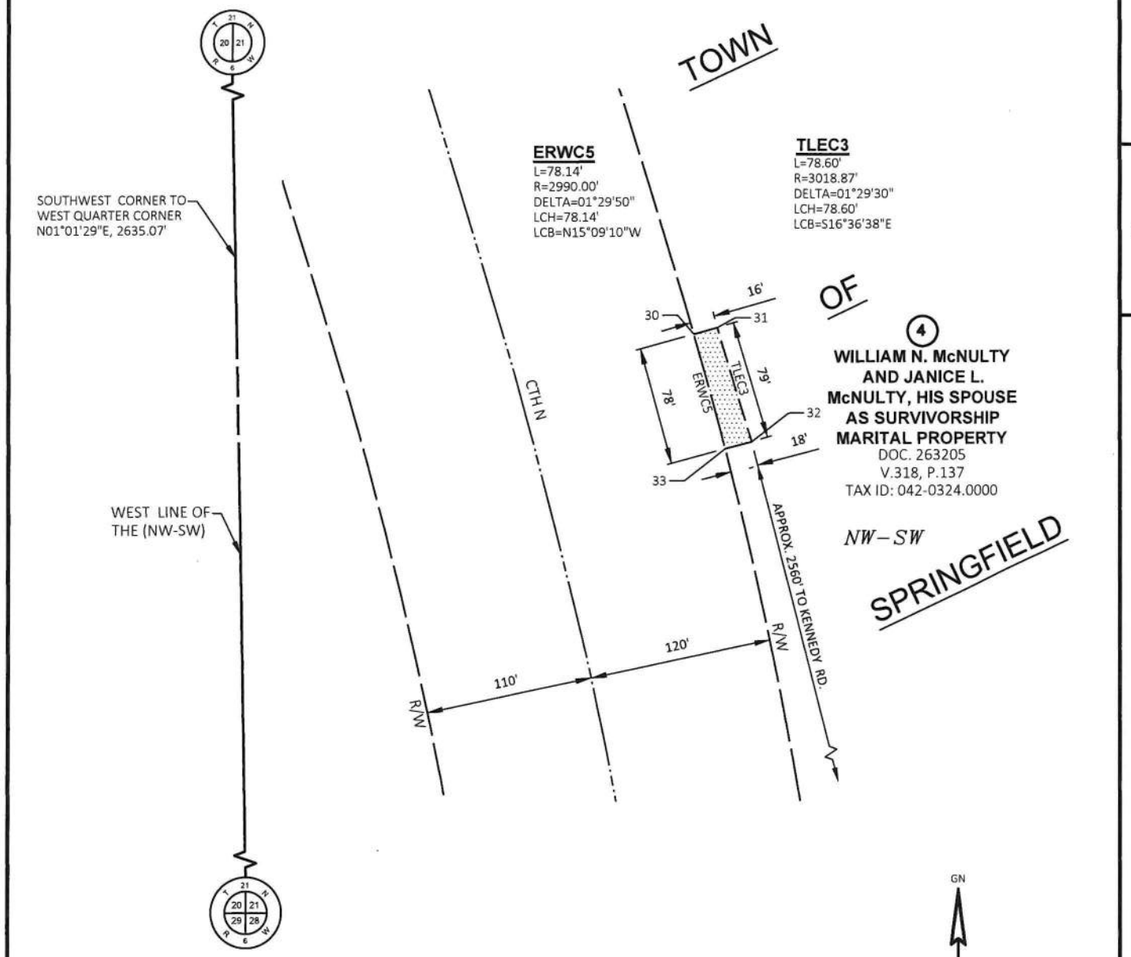
4

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY.
REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
THE PURPOSE OF THE TLE IS FOR ROADWAY GRADING.

R/W PROJECT NUMBER: 7026-00-01	EXHIBIT NUMBER: 5

TLE ACQUISITION EXHIBIT
STH 54 - TAYLOR
CTH C TO RABBIT RUN ROAD
CTH N — JACKSON COUNTY

PART OF THE NW¼-SW¼ , SECTION 21, T21N, R6W, TOWN OF SPRINGFIELD, JACKSON COUNTY, WISCONSIN.



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO JACKSON COUNTY

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE ACRES
4	WILLIAM N. McNULTY AND JANICE L. McNULTY, HIS SPOUSE AS SURVIVORSHIP MARITAL PROPERTY	TLE	0.03

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
N/A	N/A	N/A

THIS EXHIBIT IS APPROVED FOR JACKSON COUNTY, WI.

SIGNATURE: Jay Borek DATE: 4-24-24

PRINT NAME: JAY BOREK

FILE NAME : W11672_TLE_EXHIBITS.DWG PLOT DATE : 4/24/2024 11:27 AM R/W PROJ...00-01

WI DNR

JOHN A. HOGDEN

MICHAEL R. OLSON

RAYMOND L. WAGLER

EXISTING R/W

P.L.

STA. 2+40 - STA. 4+75, LT.
MGS GUARDRAIL REQ'D

STA. 3+29.83 - STA. 3+75.13
NET EXCEPTION TO C/L LENGTH
(STRUCTURE B-27-131 TO REMAIN)

DELINEATED WETLANDS (TYP.)

JACKSON ELECTRIC COOPERATIVE (TYP.)

FINISHED C/L CTH N

STA. 6+00, LT.
B.A.D.
F.E.

STA. 9+29, LT.
B.A.D.
F.E.

PT: 2+79.91

PC: 11+13.62

CURVE 1

PC: 0+28.09

N23°18'06"E

N25°11'30"W

BM 1

BM 2

B-01

EXISTING C/L CTH C

CTH C

NORTH FORK BEAVER CREEK

CURVE 1
PI STA. = 1+64.86
Y = 70,039.76
X = 21,985.42
R = 260.00
D = 22°02'13"
DELTA = 55°29'36"
L = 251.82
T = 136.77
C = 242.09
PC STA. = 0+28.09
Y = 69,924.01
X = 22,058.29
PT STA. = 2+79.91
Y = 70,165.38
X = 22,039.52
S.E. = R.C.
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE

STA. 2+40 - STA. 4+67, RT.
MGS GUARDRAIL REQ'D

STA. 8+27
EXISTING 36-INCH CPCP TO REMAIN

SLOPE INTERCEPTS

STA. 10+77, RT.
B.A.D.
P.E.

STA. 12+93, RT.
ASPHALT
P.E.

MATCH LINE STA. 13+50

BEGIN PROJECT
STA. 0+12.00
Y = 69,910.40
X = 22,066.86

BRIGHTSPEED (TYP.)

5

5

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
1	-0+19	3/4" ROD 180EPOCH, 48.54' RT.	913.979
2	3+35	BRASS DISC TOP, 16.65' RT.	915.107

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

PC STA 0+12.50
EL 914.49

PI STA 0+65.00
EL 916.21

PT STA 1+17.50
EL 915.72

PC STA 1+30.00
EL 915.60

PI STA 2+30.00
EL 914.67

PT STA 3+30.00
EL 915.39

STA 3+75.13
EL 915.58

STA 4+45.00
EL 916.04

PC STA 9+90.00
EL 921.77

PI STA 12+40.00
EL 924.40

L=105.00
K=24.98

L=200.00
K=120.77

L=500.00
K=3452.54

3.21%

-0.93%

0.72%

0.67%

1.05%

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING STRUCTURE
B-27-131 TO REMAIN

EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

940 935 930 925 920 915 910 905 900

-1+50	-1+00	-0+50	0+00	0+50	1+00	1+50	2+00	2+50	3+00	3+50	4+00	4+50	5+00	5+50	6+00	6+50	7+00	7+50	8+00	8+50	9+00	9+50	10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50
			914.00	915.43	915.64	915.43	915.12	914.99	915.20	915.48	915.67	916.04	916.63	917.21	917.66	918.11	918.67	919.27	919.73	920.12	920.61	921.26	921.90	922.50	923.11	923.61	924.07	924.57	925.08	925.49
				915.44	915.82	915.43	915.15	915.08	915.21	915.48	915.74	916.10	916.62	917.15	917.67	918.20	918.72	919.25	919.78	920.30	920.83	921.35	921.88	922.40	922.91	923.42	923.92	924.41	924.89	925.37

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET 77	E

JOHN A. HOGDEN

CURVE 2
PI STA. = 16+88.14
Y = 71,458.74
X = 22,596.58
R = 2375.00
D = 2°24'45"
DELTA = 27°11'52"
L = 1127.39
T = 574.52
C = 1116.83
PC STA. = 11+13.62
Y = 70,931.08
X = 22,369.32
PT STA. = 22+41.01
Y = 72,031.94
X = 22,557.54
S.E. = 4.5%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

CURVE 3
PI STA. = 25+46.47
Y = 72,336.70
X = 22,536.79
R = 3970.00
D = 1°26'36"
DELTA = 8°47'52"
L = 609.60
T = 305.40
C = 609.00
PC STA. = 22+41.07
Y = 72,032.00
X = 22,557.54
PT STA. = 28+50.67
Y = 72,634.64
X = 22,469.68
S.E. = 3.2%
R.O. = SEE S.E. TABLE
TRANS. = SEE S.E. TABLE

N

MATCH LINE STA. 13+50

MATCH LINE STA. 28+50

B-02

B-03

STA. 13+72
36-INCH CPCP TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

STA. 17+91
30-INCH CPCP TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

STA. 18+11, LT.
B.A.D.
F.E.

STA. 19+20
30-INCH CPCP TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

STA. 28+49, RT.
B.A.D.
F.E.

JACKSON ELECTRIC COOPERATIVE (TYP.)

FINISHED C/L CTH N

EXISTING R/W

EXISTING R/W

CURVE 2

CURVE 3

PT: 22+41.01

PC: 22+41.07

N03°53'46"W

SLOPE INTERCEPTS

DELINEATED WETLANDS (TYP.)

BRIGHTSPEED (TYP.)

RAYMOND L. WAGLER

P.L.

P.L.

5

5

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

PT STA 14+90.00
EL 926.67

PC STA 17+75.00
EL 929.25

PI STA 19+75.00
EL 931.06

PT STA 21+75.00
EL 936.29

PC STA 22+20.00
EL 937.46

PI STA 24+45.00
EL 943.34

PT STA 26+70.00
EL 943.89

0.91%

2.61%

0.24%

FINISHED C/L CTH N

L=400.00
K=234.23

L=450.00
K=189.59

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N

PROPOSED C/L ELEVATION CTH N

955 950 945 940 935 930 925 920 915

925.49 925.37 | 925.85 925.84 | 926.28 926.30 | 926.71 926.76 | 927.14 927.21 | 927.65 927.66 | 928.16 928.12 | 928.59 928.57 | 929.03 929.02 | 929.51 929.49 | 929.98 930.05 | 930.63 930.71 | 931.49 931.49 | 932.30 932.37 | 933.26 933.35 | 934.37 934.45 | 935.51 935.65 | 936.91 936.94 | 938.25 938.22 | 939.38 939.39 | 940.44 940.42 | 941.36 941.31 | 942.02 942.08 | 942.67 942.71 | 943.05 943.22 | 943.41 943.59 | 943.77 943.83 | 944.05 943.96 | 944.06 944.08 | 944.09 944.20 | 944.22 944.32

13+50 | 14+00 | 14+50 | 15+00 | 15+50 | 16+00 | 16+50 | 17+00 | 17+50 | 18+00 | 18+50 | 19+00 | 19+50 | 20+00 | 20+50 | 21+00 | 21+50 | 22+00 | 22+50 | 23+00 | 23+50 | 24+00 | 24+50 | 25+00 | 25+50 | 26+00 | 26+50 | 27+00 | 27+50 | 28+00 | 28+50

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET 78	E

JARED W. ARCHER

MICHAEL & GAIL FEASTER

KATHLEEN A. SCOVIL

N

P.L.

MATCH LINE STA. 28+50

MATCH LINE STA. 43+50

PT: 28+50.67

PI STA. 33+43.44
Y = 73,115.36
X = 22,361.40

PI: 33+43.44

179°56'17"

PC: 37+75.32

STA. 38+16, LT.
B.A.D.
F.E.

CURVE 4
PI STA. = 40+97.52
Y = 73,850.83
X = 22,194.90
R = 12000.00
D = 0°28'39"
DELTA = 3°04'34"
L = 644.25
T = 322.20
C = 644.18
PC STA. = 37+75.32
Y = 73,536.58
X = 22,266.04
PT STA. = 44+19.57
Y = 74,168.44
X = 22,140.72
S.E. = N.C.
R.O. = N/A
TRANS. = N/A

JACKSON ELECTRIC COOPERATIVE (TYP.)

EXISTING R/W

FINISHED C/L CTH N

SLOPE INTERCEPTS

N12°41'38"W

N12°45'21"W

CURVE 4

EXISTING R/W

B-04

BM 3

TLE

DELINEATED WETLANDS (TYP.)

29 30 31 32 33 34 35 36 37 38 39 40 41 42 43

STA. 30+24
24-INCH CPCP TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

STA. 37+68
EXISTING 36-INCH CPCP TO REMAIN

STA. 42+22
EXISTING 60-INCH CPCP TO REMAIN

5

5

LEGEND

XXXXXXXXX	SAWING ASPHALT/CONCRETE
	CLEARING (BY OTHERS) AND GRUBBING LIMITS
	WETLANDS

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
3	43+12	3/4" IRON REBAR SET, 31.3' RT.	942.266

965 960 955 950 945 940 935 930 925

PC STA 29+95.00
EL 944.67

PI STA 31+45.00
EL 945.03

PT STA 32+95.00
EL 944.35

L=300.00
K=433.76

-0.45%

PC STA 34+65.00
EL 943.58

L=500.00
K=427.38

FINISHED C/L CTH N

PI STA 37+15.00
EL 942.45

EXISTING C/L CTH N

0.72%

PT STA 39+65.00
EL 944.25

PC STA 42+20.00
EL 946.08

EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

| | | |

MICHAEL & GAIL FEASTER

PI STA. 49+35.30
Y = 74,676.84
X = 22,054.01

P.L.

N

STA. 46+38, LT.
B.A.D.
P.E.

PT: 44+19.57

BRIGHTSPEED (TYP.)

PI: 49+35.30

EXISTING R/W

FINISHED C/L CTH N

SLOPE INTERCEPTS

PC: 53+06.70

BRIGHTSPEED (TYP.)

STA. 55+11, LT.
B.A.D.
P.E.

JACKSON ELECTRIC
COOPERATIVE (TYP.)

PT: 57+37.63

STA. 57+59, LT.
B.A.D.
F.E.

MATCH LINE STA. 43+50

179°36'36"

N09°40'47"W

N10°04'11"W

CURVE 5

B-05

EXISTING R/W

DELINEATED WETLANDS

STA. 46+10, RT.
B.A.D.
F.E.

JACKSON ELECTRIC COOPERATIVE (TYP.)

STA. 46+66
EXISTING CPCM TO BE REMOVED BY JACKSON
COUNTY PRIOR TO CONSTRUCITON

STA. 51+56
EXISTING 36-INCH CPCP TO REMAIN

CURVE 5
PI STA. = 55+22.98
Y = 75,255.46
X = 21,951.26
R = 2030.00
D = 2°49'21"
DELTA = 12°09'47"
L = 430.93
T = 216.28
C = 430.13
PC STA. = 53+06.70
Y = 75,042.51
X = 21,989.07
PT STA. = 57+37.63
Y = 75,471.59
X = 21,959.16
S.E. = 4.9%
R.O. = 125'
TRANS. = 176'

MATCH LINE STA. 58+50

KATHLEEN A. SCOVIL

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

PT STA 51+80.00
EL 969.64

FINISHED C/L CTH N

PI STA 49+25.00
EL 969.57

0.03%

EXISTING C/L CTH N

PC STA 46+70.00
EL 957.95

L=510.00
K=112.68

L=450.00
K=117.28

PT STA 46+70.00
EL 957.95

PI STA 44+45.00
EL 947.70

EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

980 975 970 965 960 955 950 945 940

43+50	44+00	44+50	45+00	45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00	49+50	50+00	50+50	51+00	51+50	52+00	52+50	53+00	53+50	54+00	54+50	55+00	55+50	56+00	56+50	57+00	57+50	58+00	58+50
947.85	947.74	948.75	948.76	949.91	949.99	951.23	951.44	952.58	953.10	954.49	954.97	956.65	957.06	959.02	959.28	961.11	961.31	963.00	963.12	964.28	964.71	965.58	966.08	966.86	967.23	967.87	968.15	968.64	968.85	969.17	969.33	969.55	969.59	969.70	969.65	969.78	969.66	969.84	969.68	969.97	969.69	970.06	969.71	970.14	969.72	970.12	969.74	970.06	969.75	969.93	969.76	970.00	969.78	970.30	969.79	970.38	969.81	970.29	969.82	970.34	969.84

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET 80	E

FILE NAME : \\JEWELL2012AD\DATA2\SHARE\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\PLAN & PROFILE SHEETS\W11672_PLAN AND PROFILE.DWG
PLOT DATE : 7/29/2024 1:13:28 PM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : SHEET - (53)

MATHEW J. BECK

DIANE SKOUG

BONNIE BECK

KATHLEEN A. SCOVIL

P.L.

STA. 62+66, LT.
B.A.D.
P.E.

STA. 64+73, LT.
B.A.D.
P.E.

BRIGHTSPEED (TYP.)

DELINEATED WETLANDS

JACKSON ELECTRIC COOPERATIVE (TYP.)

SLOPE INTERCEPTS

FINISHED C/L CTH N

PC: 61+51.13

PT: 66+82.34

PC: 69+07.12

EXISTING R/W

B-06

CURVE 6

STA. 58+91, LT.
B.A.D.
P.E.

MATCH LINE STA. 58+50

N02°05'36"E

N30°48'24"E

59 60 61 62 63 64 65 66 67 68 69 70 71 72 73

STA. 64+74
EXISTING 30-INCH CPCM TO REMAIN

BM 4

11'A'

FINISHED C/L 'A'-LINE

STA. 66+00, RT.
B.A.D.
F.E.

MATCH LINE STA. 73+50

TLE

STA. 60+87
EXISTING 6' X 10' REINFORCED CONCRETE
BOX CULVERT TO REMAIN

CURVE 6
PI STA. = 64+22.44
Y = 76,155.94
X = 21,984.17
R = 1060.00
D = 5°24'19"
DELTA = 28°42'48"
L = 531.21
T = 271.31
C = 525.67
PC STA. = 61+51.13
Y = 75,884.82
X = 21,974.26
PT STA. = 66+82.34
Y = 76,388.97
X = 22,123.12
S.E. = 6.0%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

END FULL PAVEMENT REPLACEMENT
BEGIN PULVERIZE & RELAY
STA. 65+00.00
Y = 76,225.11
X = 22,043.63

STA. 66+46 - STA. 91+88, RT.
MGS GUARDRAIL REQ'D.

STA. 71+29 - STA. 78+03, RT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

N

5

5

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
4	66+37	3/4" ROD 180EPOCH, 34.01' RT.	984.208

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

EXISTING C/L CTH N

FINISHED C/L CTH N

3.68%

L=490.00
K=134.37

PI STA 61+85.00
EL 969.94

PC STA 59+40.00
EL 969.86

PT STA 64+30.00
EL 978.94

EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

1000 995 990 985 980 975 970 965 960

1015 1010 1005 1000 995 990 985 980 975

| | | |

BONNIE BECK

HOWARD G. & DOROTHY A.
HALVORSON IRREVOCABLE TRUST

KATHLEEN A. SCOVIL

HOWARD G. & DOROTHY A.
HALVORSON IRREVOCABLE TRUST

CURVE 7
PI STA. = 73+57.38
Y = 76,968.76
X = 22,468.84
R = 1050.00
D = 5°27'24"
DELTA = 46°25'17"
L = 850.72
T = 450.26
C = 827.64
PC STA. = 69+07.12
Y = 76,582.03
X = 22,238.24
PT STA. = 77+57.84
Y = 77,402.41
X = 22,347.64
S.E. = 5.8%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

MATCH LINE STA. 73+50

MATCH LINE STA. 88+50

PT: 77+57.84

B-07

STA. 82+17
EXISTING 72-INCH CPCM TO REMAIN

STA. 83+22, LT.
B.A.D.
F.E.

DELINEATED WETLANDS (TYP.)

FINISHED C/L CTH N

EXISTING R/W

N15°36'54"W

CURVE 7

EXISTING R/W

TLE

TLE

SLOPE INTERCEPTS

BRIGHTSPEED (TYP.)

STA. 74+25
30-INCH CPCM TO BE REPLACED BY JACKSON
COUNTY PRIOR TO CONSTRUCTION

STA. 71+29 - STA. 78+03, RT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 66+46 - STA. 91+88, RT.
MGS GUARDRAIL REQ'D.

P.L.

P.L.

N

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET	E

FILE NAME : \\JEWELL2012AD\DATA2\SHARE\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\PLAN & PROFILE SHEETS\W11672_PLAN AND PROFILE.DWG
PLOT DATE : 7/29/2024 1:13:41 PM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : SHEET - (55)

HOWARD G. & DOROTHY A.
HALVORSON IRREVOCABLE TRUST

MATCH LINE STA. 88+50

P.L.

PC: 88+93.27

STA. 90+60
EXISTING 72-INCH CPCM TO REMAIN

EXISTING R/W

SLOPE INTERCEPTS

B-08

FINISHED C/L CTH N

CURVE 8
PI STA. = 93+69.53
Y = 78,954.62
X = 21,913.82
R = 1630.00
D = 3°30'54"
DELTA = 32°34'30"
L = 926.72
T = 476.26
C = 914.29
PC STA. = 88+93.27
Y = 78,495.94
X = 22,042.01
PT STA. = 98+19.99
Y = 79,272.12
X = 21,558.84
S.E. = 5.4%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

FINISHED C/L 'AA' LINE
STA. 96+27, LT.
BASE AGGREGATE
DISINTEGRATED GRANITE

11'AA'

PT: 98+19.99

STA. 102+55
36-INCH CPCM TO BE REPLACED BY JACKSON
COUNTY PRIOR TO CONSTRUCTION

STA. 97+41 - STA. 103+00, LT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 96+65 - STA. 106+02, LT.
MGS GUARDRAIL REQ'D.

PC: 99+91.01

PT: 101+31.49

PC: 102+89.51

N

MATCH LINE STA. 103+50

89 90 91 92 93 94 95 96 97 98 99 100 101 102 103

CURVE 8

N48°11'23"W

CURVE 9

N51°07'00"W

STA. 66+46 - STA. 91+88, RT.
MGS GUARDRAIL REQ'D.

STA. 92+13, RT.
B.A.D.
F.E.

BM 5

TLE

EXISTING R/W

STA. 92+43 - STA. 99+19, RT.
MGS GUARDRAIL REQ'D.

CURVE 9
PI STA. = 100+61.27
Y = 79,432.97
X = 21,379.00
R = 2750.00
D = 2°05'01"
DELTA = 2°55'37"
L = 140.48
T = 70.25
C = 140.46
PC STA. = 99+91.01
Y = 79,386.14
X = 21,431.36
PT STA. = 101+31.49
Y = 79,477.07
X = 21,324.31
S.E. = 4.1%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

STA. 101+44, RT.
B.A.D.
F.E.

5

HOWARD G. & DOROTHY A.
HALVORSON IRREVOCABLE TRUST

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
5	92+39	3/4" ROD 180EPOCH, 26.76' RT.	1039.290

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

FINISHED C/L CTH N
EXISTING C/L CTH N
EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

1065 1060 1055 1050 1045 1040 1035 1030 1025

1080 1075 1070 1065 1060 1055 1050 1045 1040

1110 1105 1100 1095 1090 1085 1080 1075 1070

88+50	89+00	89+50	90+00	90+50	91+00	91+50	92+00	92+50	93+00	93+50	94+00	94+50	95+00	95+50	96+00	96+50	97+00	97+50	98+00	98+50	99+00	99+50	100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50
1028.89	1029.64	1030.33	1031.08	1031.73	1032.48	1033.18	1033.93	1034.53	1035.28	1035.68	1036.43	1036.92	1037.67	1038.57	1039.32	1040.17	1040.92	1041.50	1042.25	1042.77	1043.52	1044.48	1045.23	1046.21	1046.96	1048.43	1049.18	1050.62	1051.37	1053.31	1054.06	1056.03	1056.78	1059.17	1059.92	1062.52	1063.27	1066.21	1066.96	1069.99	1070.74	1073.79	1074.54	1077.60	1078.35	1081.55	1082.30	1085.56	1086.31	1089.66	1090.41	1093.80	1094.55	1097.90	1098.65	1102.05	1102.80	1106.21	1106.96	1110.40	1111.15

HOWARD G. & DOROTHY A.
HALVORSON IRREVOCABLE TRUST

DANIEL C. HATLELI

HATLELI, LLC

MERLE HJORNEVIK

CURVE 10
PI STA. = 104+47.29
Y = 79,675.31
X = 21,078.49
R = 1470.00
D = 3°53'52"
DELTA = 13°52'06"
L = 355.81
T = 178.78
C = 354.94
PC STA. = 102+68.51
Y = 79,563.09
X = 21,217.65
PT STA. = 106+24.32
Y = 79,750.91
X = 20,916.48
S.E. = 5.6%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

STA. 96+65 - STA. 106+02, LT.
MGS GUARDRAIL REQ'D.

STA. 109+73
24-INCH CPCM TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

STA. 112+00, LT.
MATCH EXISTING RADII AND WIDTH
SAWCUT REQ'D
BUTT JOINT REQ'D

BECK ROAD

EXISTING C/L BECK ROAD

JACKSON ELECTRIC COOPERATIVE (TYP.)

FINISHED C/L CTH N

SLOPE INTERCEPTS

REESTABLISH SECTION CORNER MONUMENT
STA. 112+29.04, 12.815' RT.

STA. 118+46 - STA. 124+12, LT.
MGS GUARDRAIL REQ'D.

STA. 117+79, LT.
B.A.D.
F.E.

B-10

EXISTING R/W

P.L.

PT: 106+24.32

PC: 108+43.55

N64°59'06"W

CURVE 11

HMOD

HMOD 4R12/DJ4559*
Y = 80,025.88
X = 20,500.96

BM 6

BRIGHTSPEED (TYP.)

MATCH LINE STA. 103+50

MATCH LINE STA. 118+50

FRANKLIN ROAD

SOUTH SKUTLEY ROAD

EXISTING C/L
FRANKLIN ROAD

JACKSON COUNTY

STA. 112+00, RT.
MATCH EXISTING RADII AND WIDTH
SAWCUT REQ'D
BUTT JOINT REQ'D

*DO NOT DISTURB. PROTECT AND KEEP CONSTRUCTION EQUIPMENT AT LEAST 10 FEET AWAY AT ALL TIMES.

CURVE 11
PI STA. = 114+82.62
Y = 80,113.85
X = 20,138.69
R = 1395.00
D = 4°06'26"
DELTA = 49°13'35"
L = 1198.53
T = 639.07
C = 1162.00
PC STA. = 108+43.55
Y = 79,843.61
X = 20,717.81
PT STA. = 120+42.08
Y = 80,728.89
X = 19,965.13
S.E. = 5.7%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

STA. 115+40, RT.
B.A.D.
P.E.

ROBIN L. TEZAK

HOWARD G. & DOROTHY A.
HALVORSON IRREVOCABLE TRUST

CORY A. HALVERSON

MERLE HJORNEVIK

LEGEND

XXXXXXXXX	SAWING ASPHALT/CONCRETE
	CLEARING (BY OTHERS) AND GRUBBING LIMITS
	WETLANDS

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
6	111+64	3/4" ROD 180EPOCH, 51.83' RT.	1171.257

FINISHED C/L CTH N
EXISTING C/L CTH N
EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

103+50	104+00	104+50	105+00	105+50	106+00	106+50	107+00	107+50	108+00	108+50	109+00	109+50	110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50	115+00	115+50	116+00	116+50	117+00	117+50	118+00	118+50
1110.40	1114.50	1118.44	1122.39	1126.48	1130.52	1134.44	1138.30	1142.17	1146.14	1150.19	1154.43	1158.62	1162.27	1165.86	1168.64	1171.29	1173.36	1174.56	1175.00	1175.31	1175.55	1175.75	1175.97	1176.21	1176.30	1176.31	1176.35	1176.35	1176.48	1176.76
1111.15	1115.25	1119.19	1123.14	1127.23	1131.27	1135.19	1139.05	1142.92	1146.89	1150.94	1155.18	1159.37	1163.02	1166.61	1169.39	1172.04	1174.11	1175.31	1175.75	1176.06	1176.30	1176.50	1176.72	1176.96	1177.05	1177.06	1177.10	1177.10	1177.23	1177.51

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET 84	E

FILE NAME : \\JEWELL2012AD\DATA2\SHARE\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\PLAN & PROFILE SHEETS\W11672_PLAN AND PROFILE.DWG
PLOT DATE : 7/31/2024 8:49:37 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : SHEET - (57)

MERLE HJORNEVIK

WADE M. MEEK

N

P.L.

STA. 120+06 - STA. 122+00, LT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 118+46 - STA. 124+12, LT.
MGS GUARDRAIL REQ'D.

MATCH LINE STA. 118+50

PT: 120+42.08

TLE

EXISTING R/W

FINISHED C/L CTH N

PC: 128+08.76

STA. 130+41, LT.
B.A.D.
F.E.

BM 7

MATCH LINE STA. 133+50

119 120 121 122 123 124 N15°45'31"W 125 126 127 128 129 130 131 CURVE 12 132 133

EXISTING R/W

STA. 119+87, RT.
B.A.D.
P.E.

BRIGHTSPEED (TYP.)

STA. 123+06, RT.
B.A.D.
P.E.

SLOPE INTERCEPTS

STA. 127+82, RT.
B.A.D.
F.E.

B-11

CURVE 12
PI STA. = 131+25.82
Y = 81,771.90
X = 19,670.80
R = 1970.00
D = 2°54'30"
DELTA = 18°17'11"
L = 628.74
T = 317.07
C = 626.07
PC STA. = 128+08.76
Y = 81,466.75
X = 19,756.91
PT STA. = 134+37.50
Y = 82,088.66
X = 19,684.78
S.E. = 4.9%
R.O. = 125'
TRANS. = 176'

5

5

MERLE HJORNEVIK

WADE M. MEEK

P.L.

LEGEND

XXXXXXXXX	SAWING ASPHALT/CONCRETE
	CLEARING (BY OTHERS) AND GRUBBING LIMITS
	WETLANDS

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
7	131+47	3/4" ROD 180 EPOCH, 45.52' LT.	1174.505

1195 1190 1185 1180 1175 1170 1165 1160 1155

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N

PROPOSED C/L ELEVATION CTH N

| | | |

WADE M. MEEK

MATCH LINE STA. 133+50

MATCH LINE STA. 148+50

N

P.I.

PT: 134+37.50

134 135 136 137 138 139 140 141 142 143 144 145 146 147 148

EXISTING R/W

N02°31'39"E

EXISTING R/W

PC: 140+06.90

STA. 140+80, LT.
B.A.D.
F.E.

SLOPE INTERCEPTS

FINISHED C/L CTH N

CURVE 13
PI STA. = 143+50.49
Y = 83,000.77
X = 19,725.04
R = 833.00
D = 6°52'42"
DELTA = 44°49'49"
L = 651.77
T = 343.59
C = 635.27
PC STA. = 140+06.90
Y = 82,657.50
X = 19,709.89
PT STA. = 146+58.66
Y = 83,254.89
X = 19,493.79
S.E. = 6.0%
R.O. = 144'
TRANS. = 192'

CURVE 13

B-12

PT: 146+58.66

N42°18'09"W

STA. 143+51, RT.
B.A.D.
F.E.

P.I.

P.I.

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WADE M. MEEK

BRUCE E. OLSON

PATRICK B. MEEK

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

1185 1180 1175 1170 1165 1160 1155 1150 1145

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N

PROPOSED C/L ELEVATION CTH N

133+50	134+00	134+50	135+00	135+50	136+00	136+50	137+00	137+50	138+00	138+50	139+00	139+50	140+00	140+50	141+00	141+50	142+00	142+50	143+00	143+50	144+00	144+50	145+00	145+50	146+00	146+50	147+00	147+50	148+00	148+50
1166.64	1165.31	1164.10	1162.91	1161.95	1161.00	1160.62	1160.29	1160.36	1160.57	1161.00	1161.60	1162.29	1163.02	1163.77	1164.30	1164.76	1165.14	1165.32	1165.43	1165.36	1165.12	1164.78	1164.40	1164.01	1163.87	1163.57	1163.22	1162.81	1162.65	1162.52
1167.39	1166.06	1164.85	1163.66	1162.70	1161.75	1161.37	1161.04	1161.11	1161.32	1161.75	1162.35	1163.04	1163.77	1164.52	1165.05	1165.51	1165.89	1166.07	1166.18	1166.11	1165.87	1165.53	1165.15	1164.76	1164.62	1164.32	1163.97	1163.56	1163.40	1163.27

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET 86	E

WADE M. MEEK

JOHN C. REPKA

PATRICK B. MEEK

PATRICK B. MEEK

PI STA. 148+71.42
Y = 83,412.24
X = 19,350.60

MATCH LINE STA. 148+50

PI: 148+71.42

179°0'44"

149 150 151 152 153 N43°17'25"W 154 155 156 157 158 159 160 161 162 163

STA. 150+05, RT.
B.A.D.
F.E.

FINISHED C/L CTH N

SLOPE INTERCEPTS

EXISTING C/L NILES ROAD

BM 8

NILES ROAD

STA. 156+25, LT.
MATCH EXISTING RADII AND WIDTH
SAWCUT REQ'D
BUTT JOINT REQ'D

PC: 157+70.48

B-13

STA. 158+69, RT.
B.A.D.
F.E.

EXISTING R/W

EXISTING R/W

CURVE 14

PT: 163+15.36

MATCH LINE STA. 163+50

CURVE 14
PI STA. = 160+45.19
Y = 84,266.62
X = 18,545.74
R = 1730.00
D = 3°18'43"
DELTA = 18°02'44"
L = 544.87
T = 274.71
C = 542.62
PC STA. = 157+70.48
Y = 84,066.66
X = 18,734.11
PT STA. = 163+15.36
Y = 84,398.39
X = 18,304.70
S.E. = 5.3%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

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BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
8	155+79	3/4" ROD 180EPOCH, 46.1' LT.	1166.936

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

1185 1180 1175 1170 1165 1160 1155 1150 1145

148+50	149+00	149+50	150+00	150+50	151+00	151+50	152+00	152+50	153+00	153+50	154+00	154+50	155+00	155+50	156+00	156+50	157+00	157+50	158+00	158+50	159+00	159+50	160+00	160+50	161+00	161+50	162+00	162+50	163+00	163+50
1162.52	1162.60	1162.84	1163.06	1163.26	1163.50	1163.86	1164.26	1164.81	1165.32	1165.75	1166.14	1166.48	1166.89	1167.38	1167.85	1168.33	1168.74	1169.07	1169.47	1169.93	1170.32	1170.55	1170.73	1170.62	1170.43	1169.97	1169.46	1168.83	1168.17	1167.59
1163.27	1163.35	1163.59	1163.81	1164.01	1164.25	1164.61	1165.01	1165.56	1166.07	1166.50	1166.89	1167.23	1167.64	1168.13	1168.60	1169.08	1169.49	1169.82	1170.22	1170.68	1171.07	1171.30	1171.48	1171.37	1171.18	1170.72	1170.21	1169.58	1168.92	1168.34

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET 87	E

JOHN C. REPKA

GINA N. GITTER

KEVIN E. HART

PATRICK B. MEEK

SCOTT ANDERSON

GINA N. GITTER

KEVIN E. HART

P.L.

N

MATCH LINE STA. 163+50

MATCH LINE STA. 178+50

PC: 164+86.20

CURVE 15

N61°20'09"W

N24°17'54"W

PI STA. 177+84.02
Y = 85,551.07
X = 17,469.93

PT: 170+74.45

179°44'18"

PI: 177+84.02

B-14

JACKSON ELECTRIC COOPERATIVE

FINISHED C/L CTH N

EXISTING R/W

EXISTING R/W

SLOPE INTERCEPTS

STA. 170+90, LT.
B.A.D.
P.E.

STA. 170+31, RT.
B.A.D.
F.E.

STA. 170+75, RT.
MATCH EXISTING RADII AND WIDTH

HARRISON ROAD

CURVE 15
PI STA. = 167+91.02
Y = 84,626.55
X = 17,887.33
R = 910.00
D = 6°17'46"
DELTA = 37°02'15"
L = 588.25
T = 304.81
C = 578.06
PC STA. = 164+86.20
Y = 84,480.34
X = 18,154.79
PT STA. = 170+74.45
Y = 84,904.36
X = 17,761.90
S.E. = 6.0%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

LEGEND

XXXXXXXXX	SAWING ASPHALT/CONCRETE
	CLEARING (BY OTHERS) AND GRUBBING LIMITS
	WETLANDS

FINISHED C/L CTH N

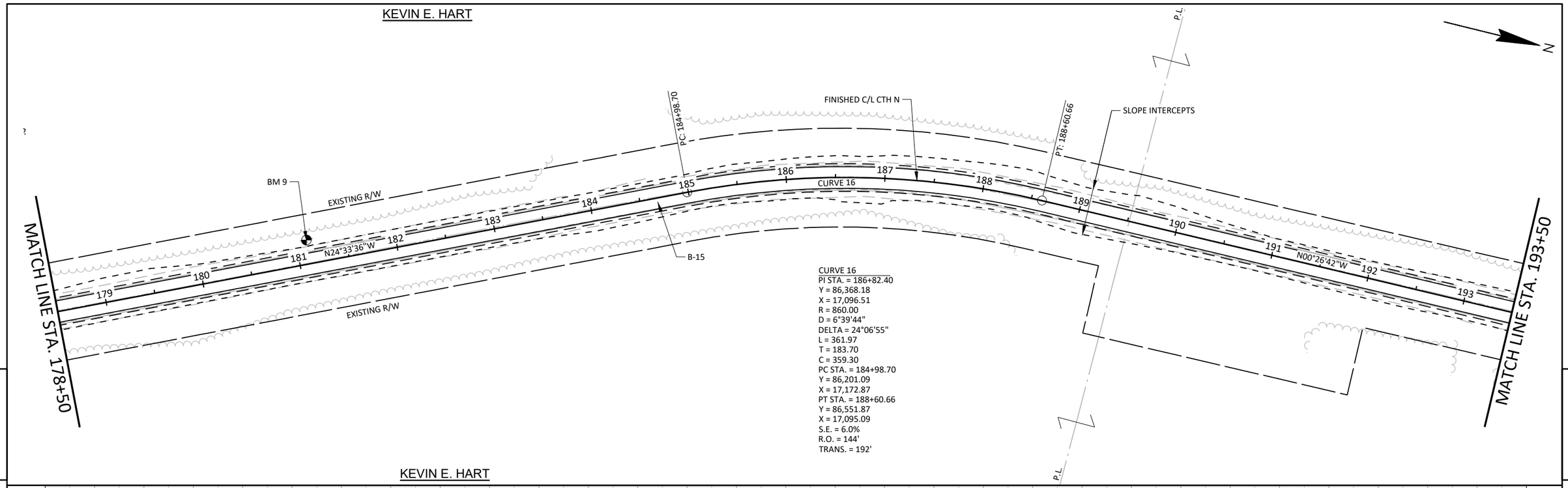
EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N

PROPOSED C/L ELEVATION CTH N

| | | |

KEVIN E. HART



CURVE 16
PI STA. = 186+82.40
Y = 86,368.18
X = 17,096.51
R = 860.00
D = 6°39'44"
DELTA = 24°06'55"
L = 361.97
T = 183.70
C = 359.30
PC STA. = 184+98.70
Y = 86,201.09
X = 17,172.87
PT STA. = 188+60.66
Y = 86,551.87
X = 17,095.09
S.E. = 6.0%
R.O. = 144'
TRANS. = 192'

5

5

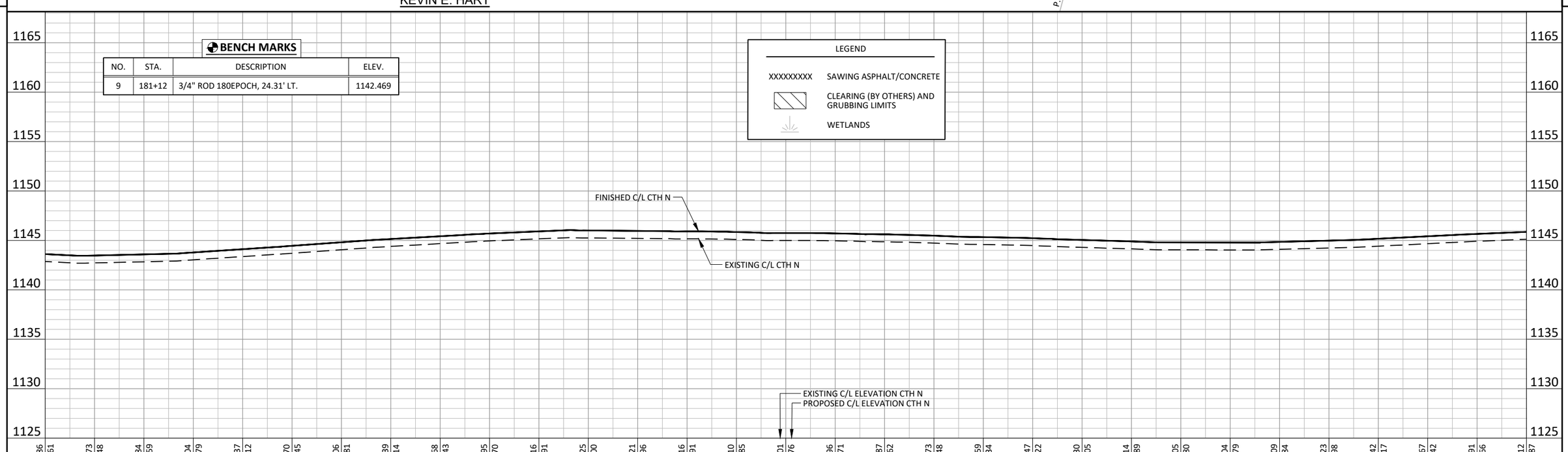
KEVIN E. HART

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
9	181+12	3/4" ROD 180EPOCH, 24.31' LT.	1142.469

LEGEND

XXXXXXXXX	SAWING ASPHALT/CONCRETE
	CLEARING (BY OTHERS) AND GRUBBING LIMITS
	WETLANDS



178+50	179+00	179+50	180+00	180+50	181+00	181+50	182+00	182+50	183+00	183+50	184+00	184+50	185+00	185+50	186+00	186+50	187+00	187+50	188+00	188+50	189+00	189+50	190+00	190+50	191+00	191+50	192+00	192+50	193+00	193+50
1142.86	1142.73	1142.84	1143.04	1143.37	1143.70	1144.06	1144.39	1144.68	1144.95	1145.16	1145.25	1145.21	1145.16	1145.10	1145.01	1144.96	1144.87	1144.73	1144.59	1144.47	1144.30	1144.14	1144.05	1144.04	1144.09	1144.23	1144.42	1144.67	1144.91	1145.12
1143.61	1143.48	1143.59	1143.79	1144.12	1144.45	1144.81	1145.14	1145.43	1145.70	1145.91	1146.00	1145.96	1145.91	1145.85	1145.76	1145.71	1145.62	1145.48	1145.34	1145.22	1145.05	1144.89	1144.80	1144.79	1144.84	1144.98	1145.17	1145.42	1145.66	1145.87

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET 89	E

KEVIN E. HART

ALAN & BARBARA BARCZAK

RYAN R. OLSON

KEVIN E. HART

CURVE 17
PI STA. = 196+72.40
Y = 87,363.59
X = 17,088.78
R = 860.00
D = 6°39'44"
DELTA = 25°26'14"
L = 381.81
T = 194.10
C = 378.68
PC STA. = 194+78.30
Y = 87,169.49
X = 17,090.29
PT STA. = 198+60.11
Y = 87,538.22
X = 17,004.06
S.E. = 6.0%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

CURVE 18
PI STA. = 202+22.77
Y = 87,864.50
X = 16,845.75
R = 1040.00
D = 5°30'33"
DELTA = 23°16'28"
L = 422.47
T = 214.19
C = 419.57
PC STA. = 200+08.58
Y = 87,671.80
X = 16,939.24
PT STA. = 204+31.05
Y = 88,078.47
X = 16,836.00
S.E. = 5.8%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

STA. 204+55
30-INCH CPCM TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

STA. 204+75, LT.
B.A.D.
F.E.

STA. 205+66, RT.
B.A.D.
F.E.

BM 10

MATCH LINE STA. 193+50

MATCH LINE STA. 208+50

P.L.

P.L.

N

SLOPE INTERCEPTS

FINISHED C/L CTH N

EXISTING R/W

EXISTING R/W

B-16

PC: 194+78.30

PT: 198+60.11

PC: 200+08.58

PT: 204+31.05

PC: 206+11.87

CURVE 17

CURVE 18

N25°52'55"W

N02°36'27"W

194 195 196 197 198 199 200 201 202 203 204 205 206 207 208

5

5

LEGEND

XXXXXXXXX	SAWING ASPHALT/CONCRETE
	CLEARING (BY OTHERS) AND GRUBBING LIMITS
	WETLANDS

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
10	204+83	3/4" ROD, 35.11' LT.	1136.206

1160 1155 1150 1145 1140 1135 1130 1125 1120

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N

PROPOSED C/L ELEVATION CTH N

193+50	194+00	194+50	195+00	195+50	196+00	196+50	197+00	197+50	198+00	198+50	199+00	199+50	200+00	200+50	201+00	201+50	202+00	202+50	203+00	203+50	204+00	204+50	205+00	205+50	206+00	206+50	207+00	207+50	208+00	208+50
1145.12	1145.45	1145.80	1146.18	1146.36	1146.42	1146.65	1146.90	1147.04	1147.24	1147.74	1147.97	1147.88	1147.69	1147.34	1146.77	1145.95	1144.89	1143.58	1142.17	1140.69	1139.15	1137.61	1136.10	1134.60	1133.22	1131.85	1130.67	1129.65	1128.85	1128.22
1145.87	1146.20	1146.55	1146.93	1147.11	1147.17	1147.40	1147.65	1147.79	1147.99	1148.49	1148.72	1148.63	1148.44	1148.09	1147.52	1146.70	1145.64	1144.33	1142.92	1141.44	1139.90	1138.36	1136.85	1135.35	1133.97	1132.60	1131.42	1130.40	1129.60	1128.97

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET 90	E

ALAN & BARBARA BARCZAK

CURVE 19
PI STA. = 210+61.29
Y = 88,708.06
X = 16,807.33
R = 800.00
D = 7°09'43"
DELTA = 58°39'10"
L = 818.95
T = 449.42
C = 783.66
PC STA. = 206+11.87
Y = 88,259.10
X = 16,827.78
PT STA. = 214+30.82
Y = 88,924.16
X = 16,413.27
S.E. = 5.9%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

ERIN ROSE

ALAN & BARBARA BARCZAK

STA. 219+15, LT.
REMOVING CONCRETE PAVEMENT REQ'D
SAWING CONCRETE REQ'D

XCEL ENERGY (TYP.)

BRIGHTSPEED (TYP.)

STA. 219+15, LT.
CONCRETE/ASPHALT
P.E.

SLOPE INTERCEPTS

P.C. 216+92.24

P.T. 214+30.82

EXISTING R/W

MATCH LINE STA. 208+50

MATCH LINE STA. 223+50

B-18

CURVE 20

209 210 211 212 213 214 215 216 217 218 219 220 221 222 223

N61°15'37"W

CURVE 19

B-17

FINISHED C/L CTH N

EXISTING R/W

STA. 209+05
24-INCH CPCP TO BE REPLACED BY JACKSON
COUNTY PRIOR TO CONSTRUCTION

STA. 214+89, RT.
B.A.D.
F.E.

STA. 220+20
72-INCH CPCM TO BE REPLACED BY JACKSON
COUNTY PRIOR TO CONSTRUCTION

CURVE 20
PI STA. = 224+62.36
Y = 89,420.15
X = 15,508.80
R = 1150.00
D = 4°58'56"
DELTA = 67°37'05"
L = 1357.18
T = 770.12
C = 1279.78
PC STA. = 216+92.24
Y = 89,049.86
X = 16,184.05
PT STA. = 230+49.42
Y = 90,185.54
X = 15,594.08
S.E. = 6.0%
R.O. = SEE S.E. TABLES
TRANS. = SEE S.E. TABLES

RYAN R. OLSON

LEGEND

XXXXXXXXX	SAWING ASPHALT/CONCRETE
	CLEARING (BY OTHERS) AND GRUBBING LIMITS
	WETLANDS

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

1155 1150 1145 1140 1135 1130 1125 1120 1115

208+50	209+00	209+50	210+00	210+50	211+00	211+50	212+00	212+50	213+00	213+50	214+00	214+50	215+00	215+50	216+00	216+50	217+00	217+50	218+00	218+50	219+00	219+50	220+00	220+50	221+00	221+50	222+00	222+50	223+00	223+50
1128.22	1127.89	1127.77	1127.88	1128.06	1128.44	1128.96	1129.34	1129.59	1129.85	1130.03	1129.99	1130.02	1129.80	1129.45	1129.26	1129.08	1129.05	1129.11	1129.16	1129.21	1129.63	1130.30	1131.04	1131.87	1132.93	1133.87	1134.80	1135.80	1136.77	1137.71
1128.97	1128.64	1128.52	1128.63	1128.81	1129.19	1129.71	1130.09	1130.34	1130.60	1130.78	1130.74	1130.77	1130.55	1130.20	1130.01	1129.83	1129.80	1129.86	1129.91	1129.96	1130.38	1131.05	1131.79	1132.62	1133.68	1134.62	1135.55	1136.55	1137.52	1138.46

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET	E

FILE NAME : \\JEWELL2012AD\DATA2\SHARE\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\PLAN & PROFILE SHEETS\W11672_PLAN AND PROFILE.DWG PLOT DATE : 7/29/2024 1:14:38 PM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : SHEET - (64)

ALAN & BARBARA BARCZAK

SHAWN TSCHANZ

N

KENNEDY ROAD

STA. 229+32, LT.
MATCH EXISTING RADII AND WIDTH
SAWCUT REQ'D
BUTT JOINT REQ'D

EXISTING C/L KENNEDY ROAD

BRIGHTSPEED (TYP.)

XCEL ENERGY (TYP.)

EXISTING R/W

STA. 224+74, LT.
B.A.D.
P.E.

BM 11

PT: 230+49.42

SLOPE INTERCEPTS

STA. 236+67
EXISTING 30-INCH CPCM TO REMAIN

PI: 235+43.05

MATCH LINE STA. 223+50

MATCH LINE STA. 238+50

N06°21'27"E

N05°50'27"E

FINISHED C/L CTH N

STA. 234+09, RT.
B.A.D.
P.E.

B-19

P.L.

SHAWN TSCHANZ

RYAN R. OLSON

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
11	225+52	3/4" ROD, 34.5' LT.	1139.516

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

1150 1145 1140 1135 1130 1125 1120 1115 1110

223+50	224+00	224+50	225+00	225+50	226+00	226+50	227+00	227+50	228+00	228+50	229+00	229+50	230+00	230+50	231+00	231+50	232+00	232+50	233+00	233+50	234+00	234+50	235+00	235+50	236+00	236+50	237+00	237+50	238+00	238+50
1137.71	1138.51	1139.16	1139.56	1139.78	1139.77	1139.53	1139.09	1138.52	1137.79	1136.97	1135.94	1134.75	1133.51	1132.13	1130.71	1129.23	1127.82	1126.44	1125.11	1123.79	1122.85	1121.97	1121.15	1120.35	1119.99	1119.68	1119.37	1119.05	1118.81	1118.55
1138.46	1139.26	1139.91	1140.31	1140.53	1140.52	1140.28	1139.84	1139.27	1138.54	1137.72	1136.69	1135.50	1134.26	1132.88	1131.46	1129.98	1128.57	1127.19	1125.86	1124.54	1123.60	1122.72	1121.90	1121.10	1120.74	1120.43	1120.12	1119.80	1119.56	1119.30

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PLOT: MAINLINE	SHEET 92	E

FILE NAME : \\JEWELL2012AD\DATA2\SHARE\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\PLAN & PROFILE SHEETS\W11672_PLAN AND PROFILE.DWG
PLOT DATE : 7/29/2024 1:14:44 PM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : SHEET - (65)

SHAWN TSCHANZ

WILLIAM N. MCNULTY

N

CURVE 21
PI STA. = 244+47.61
Y = 91,575.99
X = 15,740.79
R = 2870.00
D = 1°59'47"
DELTA = 23°01'48"
L = 1153.60
T = 584.69
C = 1145.85
PC STA. = 238+62.91
Y = 90,994.34
X = 15,681.29
PT STA. = 250+16.51
Y = 92,134.57
X = 15,568.00
S.E. = 4.0%
R.O. = 102'
TRANS. = 153'

STA. 242+21
30-INCH CPCM TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

STA. 247+42 - STA. 248+65, LT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 246+84 - STA. 256+55, LT.
MGS GUARDRAIL REQ'D.

STA. 253+33 - STA. 254+86, LT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

MATCH LINE STA. 238+50

PC: 238+62.91

EXISTING R/W

XCEL ENERGY (TYP.)

BM 12

FINISHED C/L CTH N

PT: 250+16.51

B-20

MATCH LINE STA. 253+50

239 240 241 242 243 244 245 246 247 248 249 250 251 252 253

CURVE 21

P.L.

BRIGHTSPEED (TYP.)

SLOPE INTERCEPTS

EXISTING R/W

STA. 241+48 - STA. 242+06, RT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 253+02 - STA. 256+15, RT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 246+47 - STA. 257+51, RT.
MGS GUARDRAIL REQ'D.

TLE

STA. 247+29 - STA. 249+99, RT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 248+99
EXISTING 24-INCH CPCM TO REMAIN

P.L.

WILLIAM N. MCNULTY

5

5

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
12	244+11	3/4" IRON ROD SET, 18.125' LT.	1105.719

LEGEND

XXXXXXXXX SAWING ASPHALT/CONCRETE

CLEARING (BY OTHERS) AND GRUBBING LIMITS

WETLANDS

1140 1135 1130 1125 1120 1115 1110 1105 1100

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N

PROPOSED C/L ELEVATION CTH N

1115 1110 1105 1100 1095 1090 1085 1080 1075

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N

PROPOSED C/L ELEVATION CTH N

1085 1080 1075 1070 1065 1060 1055 1050 1045

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N

PROPOSED C/L ELEVATION CTH N

| | | |

WILLIAM N. MCNULTY

STA. 254+48
EXISTING 24-INCH CPCM TO REMAIN

STA. 253+33 - STA. 254+86, LT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 246+84 - STA. 256+55, LT.
MGS GUARDRAIL REQ'D.

PI STA. 259+50.83
Y = 93,027.16
X = 15,291.88

STA. 262+25, LT.
MATCH EXISTING RADII AND WIDTH

STA. 262+67 - STA. 267+25, LT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 262+71 - STA. 270+51, LT.
MGS GUARDRAIL REQ'D.

EXISTING R/W

SLOPE INTERCEPTS

MORTENSON DRIVE

BM 13

PI: 259+50.83

PC: 267+14.24

MATCH LINE STA. 253+50

MATCH LINE STA. 268+50

254 255 N17°11'21"W 256 257 258 259 260 261 262 263 N17°03'14"W 264 265 266 267 268

179°51'53"

B-21

FINISHED C/L CTH N

EXISTING R/W

STA. 257+06 - STA. 258+06, RT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 261+07 - STA. 267+51, RT.
MGS GUARDRAIL REQ'D.

STA. 246+47 - STA. 257+51, RT.
MGS GUARDRAIL REQ'D.

STA. 262+16 - STA. 265+83, RT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 265+20
72-INCH CPCM TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

STA. 253+02 - STA. 256+15, RT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

WILLIAM N. MCNULTY

LEGEND

XXXXXXXXX	SAWING ASPHALT/CONCRETE
	CLEARING (BY OTHERS) AND GRUBBING LIMITS
	WETLANDS

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
13	261+98	3/4" IRON ROD SET, 33.43' LT.	997.636

1055 1050 1045 1040 1035 1030 1025 1020 1015

1025 1020 1015 1010 1005 1000 995 990 985

1005 1000 995 990 985 980 975 970 965

FINISHED C/L CTH N
EXISTING C/L CTH N
EXISTING C/L ELEVATION CTH N
PROPOSED C/L ELEVATION CTH N

1051.00 1051.75 | 1047.82 1048.57 | 1044.63 1045.38 | 1041.69 1042.44 | 1038.77 1039.52 | 1035.57 1036.32 | 1032.34 1033.09 | 1029.32 1030.07 | 1026.29 1027.04 | 1023.21 1023.96 | 1020.13 1020.88 | 1017.02 1017.77 | 1013.90 1014.65 | 1010.89 1011.64 | 1007.88 1008.63 | 1004.74 1005.49 | 1001.59 1002.34 | 998.61 999.36 | 995.61 996.36 | 992.65 993.40 | 989.69 990.44 | 987.00 987.75 | 984.33 985.08 | 982.09 982.84 | 979.90 980.65 | 978.73 979.48 | 977.61 978.36 | 977.31 978.06 | 977.03 977.78 | 977.00 977.75 | 977.00 977.75

253+50 254+00 254+50 255+00 255+50 256+00 256+50 257+00 257+50 258+00 258+50 259+00 259+50 260+00 260+50 261+00 261+50 262+00 262+50 263+00 263+50 264+00 264+50 265+00 265+50 266+00 266+50 267+00 267+50 268+00 268+50

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: MAINLINE	SHEET 94	E

FILE NAME : \\JEWELL2012AD\DATA2\SHARE\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\PLAN & PROFILE SHEETS\W11672_PLAN AND PROFILE.DWG
PLOT DATE : 7/29/2024 1:14:56 PM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : SHEET - (67)

BRANDON E. LOFGREN

CHRISTOPHER J. BURNETT

WILLIAM N. MCNULTY

STA. 268+51 - STA. 270+74, LT.
CLEARING (BY OTHERS) AND GRUBBING REQ'D.

STA. 262+71 - STA. 270+51, LT.
MGS GUARDRAIL REQ'D.

BRIGHTSPEED (TYP.)

STA. 271+03, LT.
B.A.D.
F.E.

FINISHED C/L CTH N

B-22

PT: 274+68.07

XCEL ENERGY (TYP.)

DELINEATED WETLANDS (TYP.)

XCEL ENERGY (TYP.)

EXISTING R/W

P.L.

MATCH LINE STA. 268+50

269 270 271 272 273 274 275 276 277 278 279 280 281 282 283

CURVE 22

N01°29'22"W

STA. 270+94, RT.
B.A.D.
P.E.

CURVE 22
PI STA. = 270+93.49
Y = 94,119.57
X = 14,956.77
R = 2775.00
D = 2°03'53"
DELTA = 15°33'52"
L = 753.83
T = 379.25
C = 751.51
PC STA. = 267+14.24
Y = 93,757.00
X = 15,068.00
PT STA. = 274+68.07
Y = 94,498.69
X = 14,946.91
S.E. = 4.1%
R.O. = 105'
TRANS. = 156'

EXISTING R/W

SLOPE INTERCEPTS

END PROJECT
STA. 278+15.00
Y = 94,845.51
X = 14,937.90

LEGEND

XXXXXXXXX	SAWING ASPHALT/CONCRETE
	CLEARING (BY OTHERS) AND GRUBBING LIMITS
	WETLANDS

FINISHED C/L CTH N

EXISTING C/L CTH N

EXISTING C/L ELEVATION CTH N

PROPOSED C/L ELEVATION CTH N

1000 995 990 985 980 975 970 965 960

| | | |

BONNIE BECK

EXISTING R/W

FINISHED C/L CTH N

68+00

67+00

STA. 10'A'+00.00 ('A'-LINE) =
STA. 66+00.00 (CTH N)
Y = 76,316.68
X = 22,083.74

75°16'29"

66+00

S38°22'10"E

PC: 10'A'+10.56

CURVE 23

N38°09'41"E

N36°24'08"E

N33°09'50"E

11'A'+00

EXISTING R/W

SLOPE INTERCEPT (TYP.)

FINISHED C/L 'A' LINE

PT: 10'A'+43.79

PI: 10'A'+63.48

PI: 10'A'+88.14

BASE AGGREGATE DENSE
3/4-INCH SURFACE

CURVE 23
PI STA. = 10+'A'29.12
Y = 76,310.81
X = 22,112.25
R = 30.00
D = 190°59'09"
DELTA = 63°28'09"
L = 33.23
T = 18.55
C = 31.56
PC STA. = 10+'A'10.56
Y = 76,314.55
X = 22,094.08
PT STA. = 10+'A'43.79
Y = 76,325.40
X = 22,123.72
S.E. = N/A
R.O. = N/A
TRANS. = N/A

END CONSTRUCTION
STA. 11'A'+14.00
Y = 76,382.37
X = 22,164.66

KATHLEEN A. SCOVIL

BEGIN CONSTRUCTION
STA. 10'A'+21.92
Y = 76,314.40
X = 22,105.37

5

HOWARD G. & DOROTHY A.
HALVORSON IRREVOCABLE TRUST

EXISTING R/W

95+00

FINISHED C/L CTH N

FINISHED C/L 'AA' LINE

SLOPE INTERCEPT (TYP.)

BASE AGGREGATE
DISINTEGRATED GRANITE
SURFACE

CURVE 24
PI STA. = 10'AA'+32.16
Y = 79,115.89
X = 21,669.08
R = 40.00
D = 143°14'22"
DELTA = 67°31'32"
L = 47.14
T = 26.74
C = 44.46
PC STA. = 10'AA'+05.42
Y = 79,131.95
X = 21,690.45
PT STA. = 10'AA'+52.56
Y = 79,129.49
X = 21,646.06
S.E. = N/A
R.O. = N/A
TRANS. = N/A

R20'-0"

PT: 10'AA'+52.56

PC: 10'AA'+05.42

CURVE 24

N59°24'43"W

11'AA'+00

96+00

S53°03'46"W

R10'-0"

94°27'59"

STA. 10'AA'+00.00 ('AA'-LINE) =
STA. 96+26.94 (CTH N)
Y = 79,135.21
X = 21,694.78

P.I.

EXISTING R/W

97+00

BEGIN CONSTRUCTION
STA. 10'AA'+21.48
Y = 79,125.10
X = 21,676.04

END CONSTRUCTION
STA. 11'AA'+18.91
Y = 79,163.26
X = 21,588.94

98+00

5

992
990
988
986
984
982
980
978
976

FINISHED C/L 'A'-LINE

L=20.00
K=13.63

-2.25%

PI STA 10+90.00
EL 983.21

-0.78%

EXISTING C/L 'A'-LINE

PC STA 10+80.00
EL 983.44

PT STA 11+00.00
EL 983.13

MATCH EXISTING
STA. 11'A'+14.00
EL. 983.02

EXISTING C/L ELEVATION 'A'-LINE

FINISHED C/L ELEVATION 'A'-LINE

985.32 | 984.22 | 984.09 | 984.34 | 983.91 | 983.89 | 983.17 | 983.44 | 982.89 | 983.13 | 982.99

9'A'+40 | 9'A'+60 | 9'A'+80 | 10'A'+00 | 10'A'+20 | 10'A'+40 | 10'A'+60 | 10'A'+80 | 11'A'+00 | 11'A'+20 | 11'A'+40 | 11'A'+60 | 11'A'+80

1058
1056
1054
1052
1050
1048
1046
1044
1042

PC STA 10+17.01
EL 1054.86

-3.98%

PI STA 10+32.01
EL 1054.26

PT STA 10+47.01
EL 1053.02

-8.27%

FINISHED C/L 'AA'-LINE

L=45.00
K=8.52

EXISTING C/L 'AA'-LINE

L=30.00
K=6.99

PC STA 10+67.50
EL 1051.33

PI STA 10+90.00
EL 1049.47

-2.98%

PT STA 11+12.50
EL 1048.80

MATCH EXISTING
STA. 11'AA'+18.91
EL. 1048.60

EXISTING C/L ELEVATION 'AA'-LINE

FINISHED C/L ELEVATION 'AA'-LINE

1054.78 | 1055.53 | 1053.46 | 1054.73 | 1051.70 | 1053.56 | 1052.05 | 1051.95 | 1050.57 | 1050.39 | 1049.23 | 1049.26

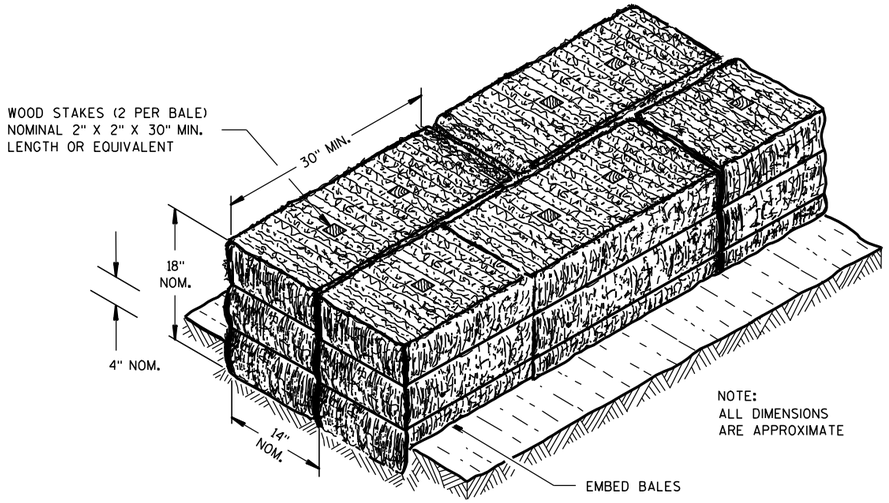
9'AA'+20 | 9'AA'+40 | 9'AA'+60 | 9'AA'+80 | 10'AA'+00 | 10'AA'+20 | 10'AA'+40 | 10'AA'+60 | 10'AA'+80 | 11'AA'+00 | 11'AA'+20 | 11'AA'+40 | 11'AA'+60

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	PLAN AND PROFILE: 'A'-LINE & 'AA'-LINE	SHEET	E

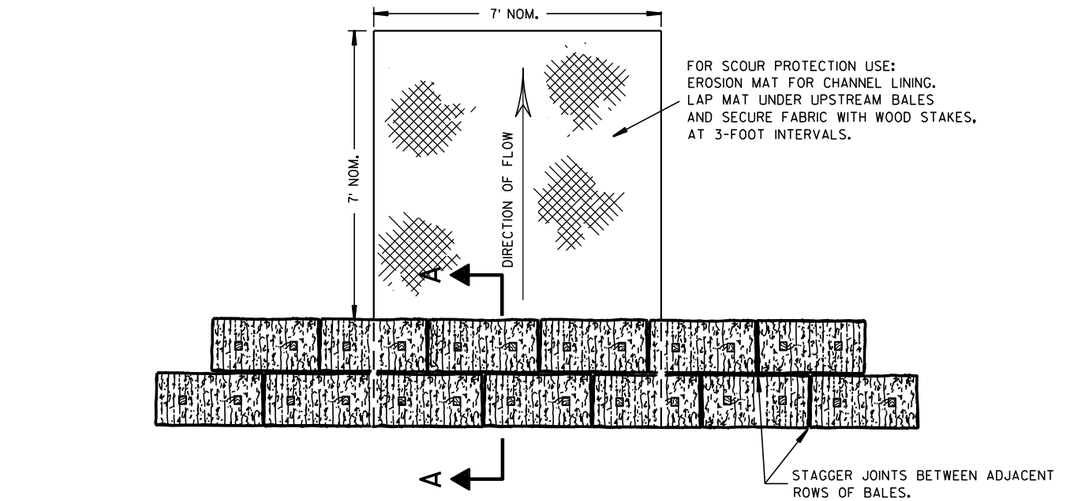
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\SHEETSPLAN\PLAN & PROFILE SHEETS\W11672_PLAN AND PROFILE_'AA'-LINE.DWG
PLOT DATE : 7/31/2024 9:05:48 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 01

Standard Detail Drawing List

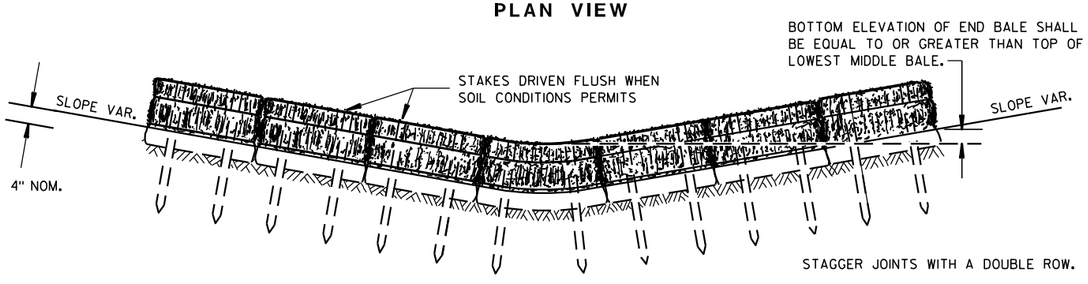
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E15-01	CULVERT PIPE CHECK
09A01-14A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
13C19-03	HMA LONGITUDINAL JOINTS
14B29-01	SAFETY EDGE
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-08A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL
16A01-07	LANDMARK REFERENCE MONUMENTS AND COVERS



SECTION A-A



PLAN VIEW



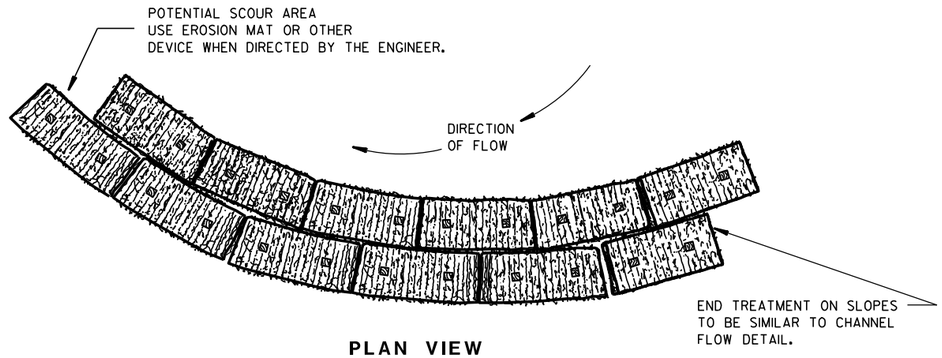
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

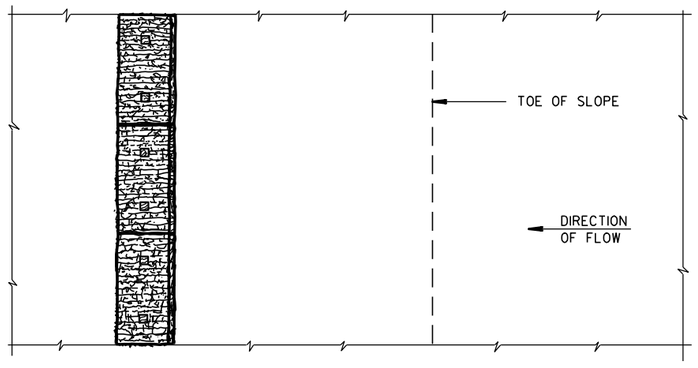
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

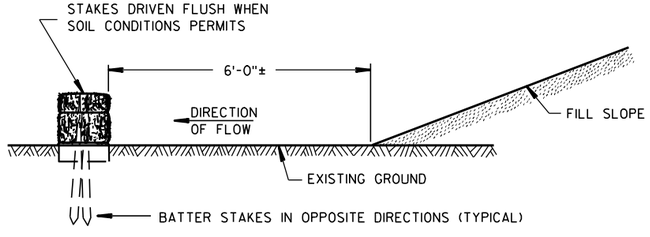


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

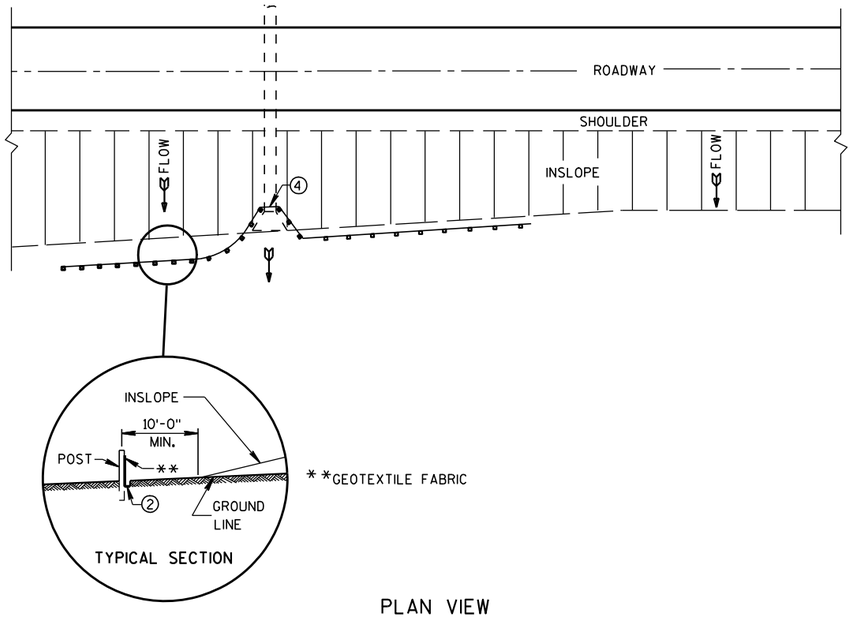
APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 8-3

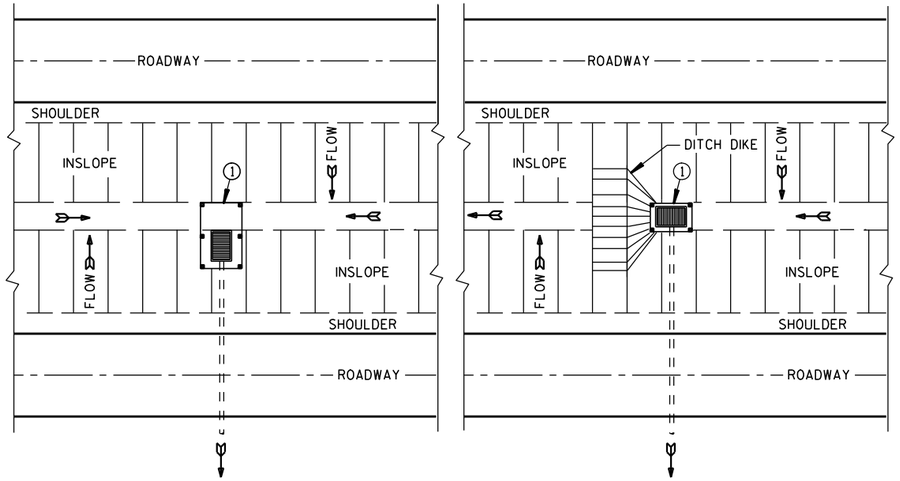
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



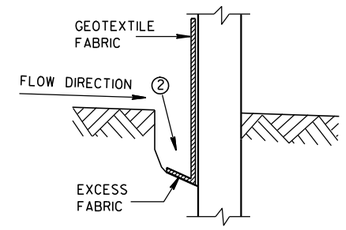
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

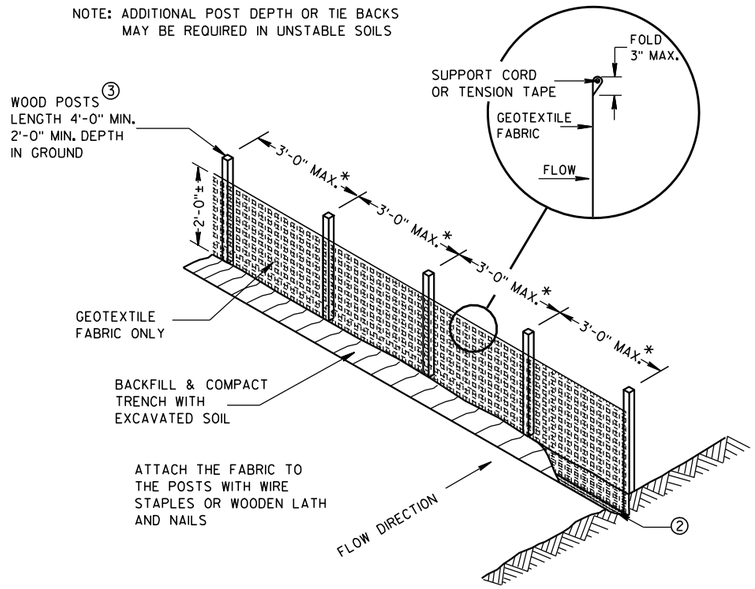
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

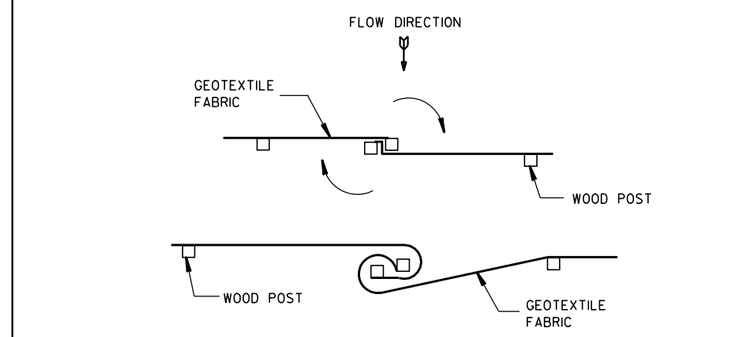
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



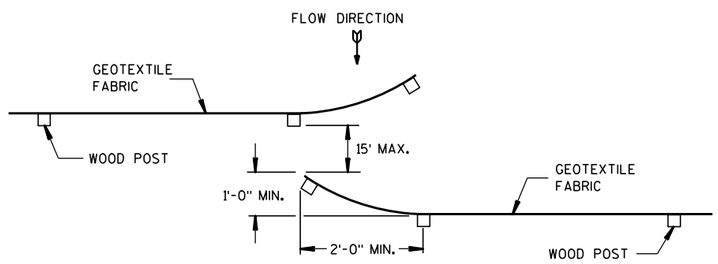
TRENCH DETAIL



SILT FENCE

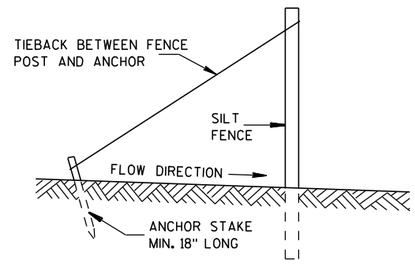


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

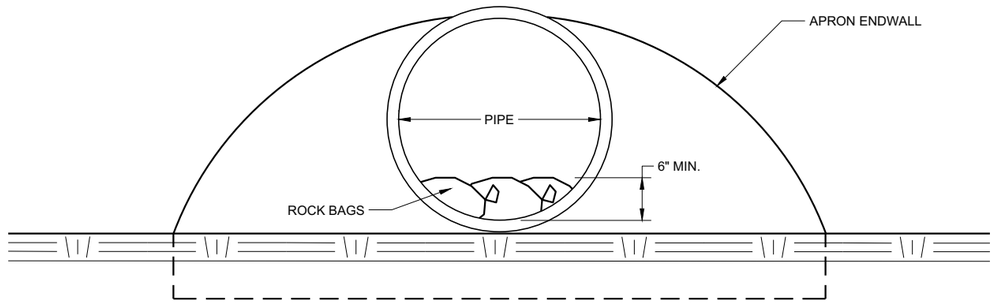
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

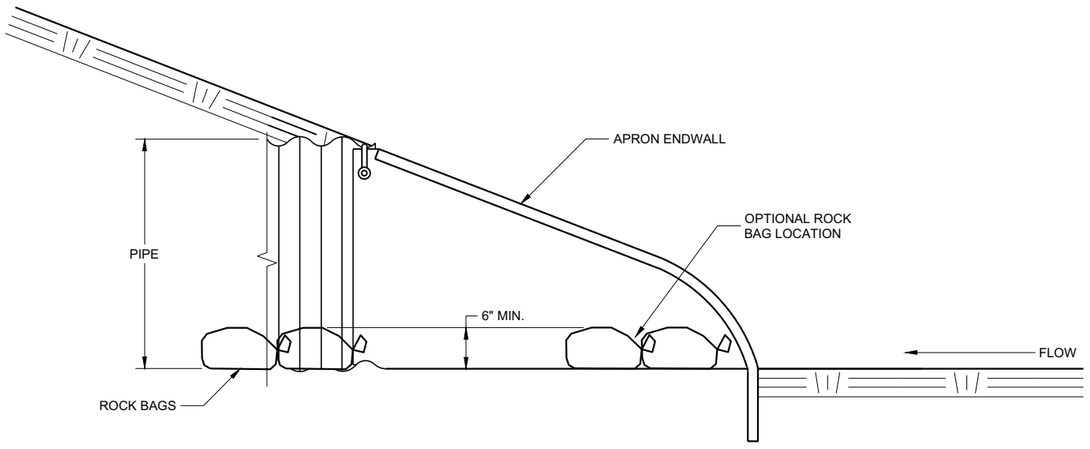
S.D.D. 8 E 9-6

6

S.D.D. 8 E 9-6



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

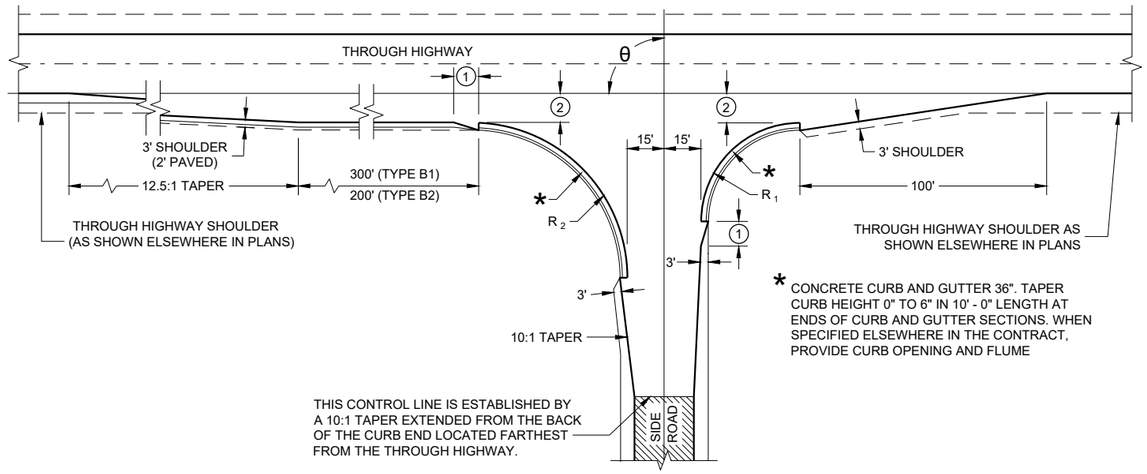
CULVERT PIPE CHECK	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2019 DATE	/S/ Daniel Schave EROSION CONTROL ENGI
FHWA	100

6

SDD 08E15 - 01

6

SDD 08E15 - 01



* CONCRETE CURB AND GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10' - 0" LENGTH AT ENDS OF CURB AND GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME

TYPE "B1" AND "B2"

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65 - 70	35	70
71 - 80	40	70
81 - 90	40	60
91 - 100	50	55
101 - 110	60	45

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

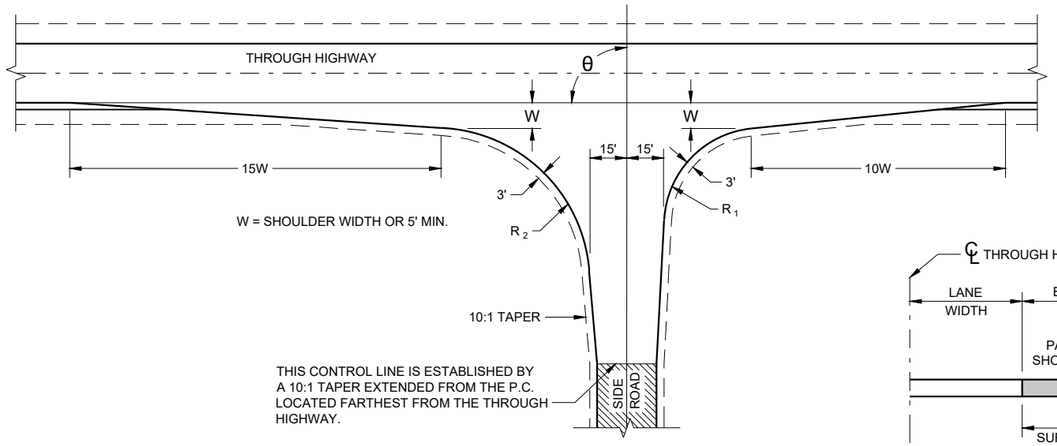
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

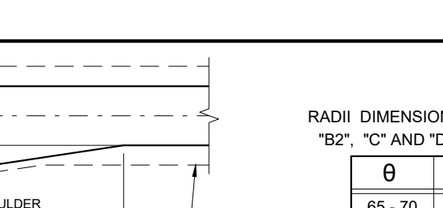
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
- ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH
- PC CONCRETE = 13-FT PLUS PAVED SHOULDER WIDTH

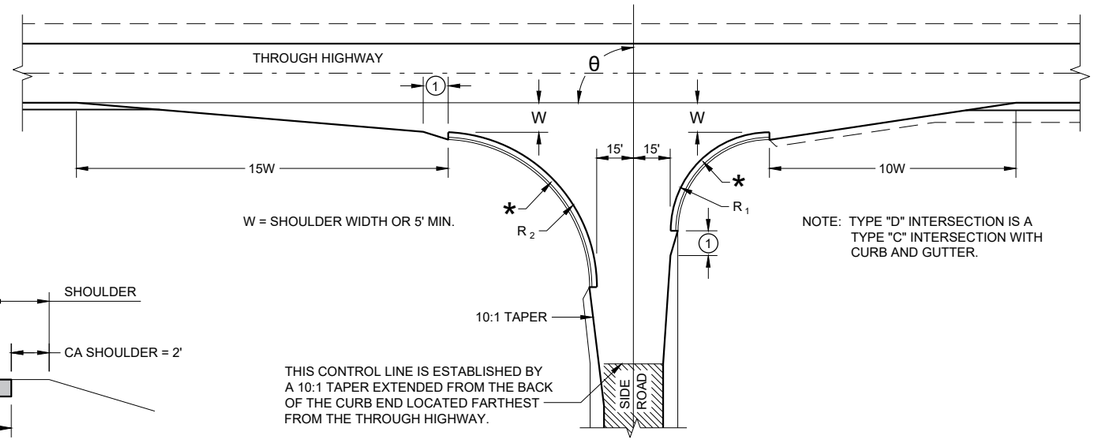
(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



TYPE "C"

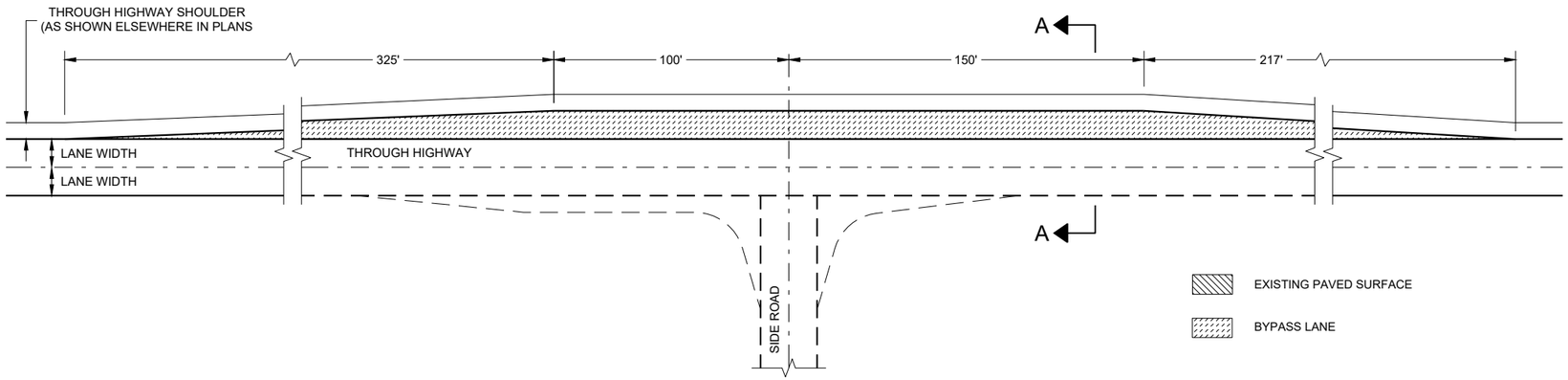


SECTION A - A
(SHOWING BYPASS LANE AND SHOULDER)



NOTE: TYPE "D" INTERSECTION IS A TYPE "C" INTERSECTION WITH CURB AND GUTTER.

TYPE "D"



TEE INTERSECTION BYPASS LANE DETAIL

AT GRADE SIDE ROAD INTERSECTION TYPES "B1", "B2", "C", "D" AND TEE INTERSECTION BYPASS LANE

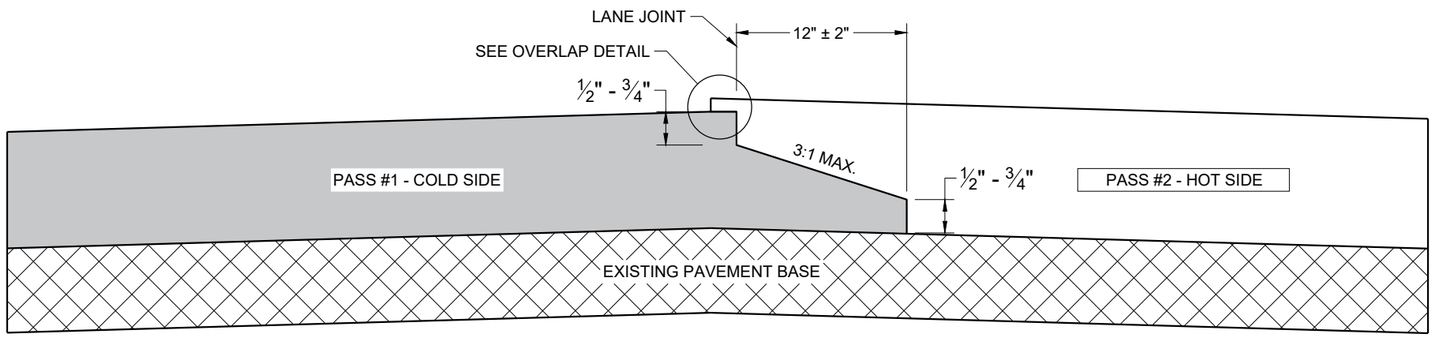
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

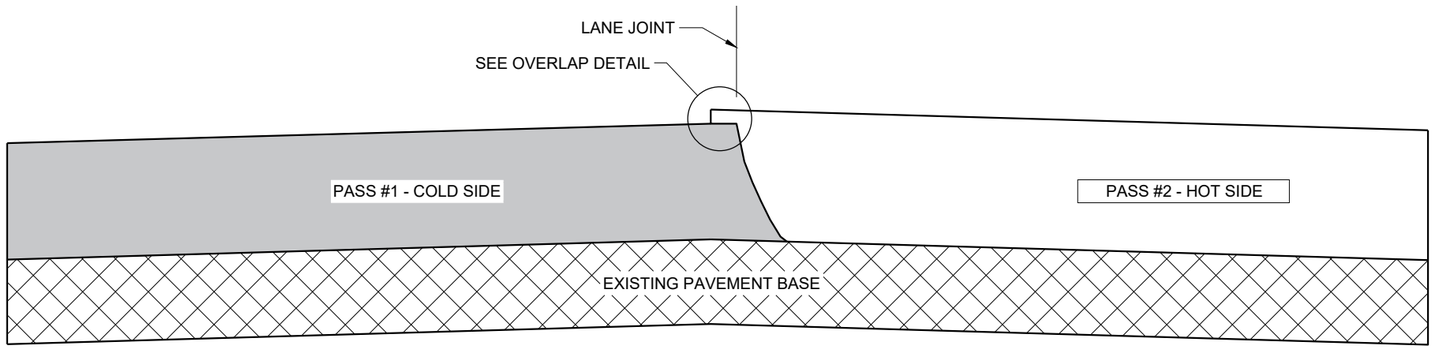
SDD 09A01 - 14a

6

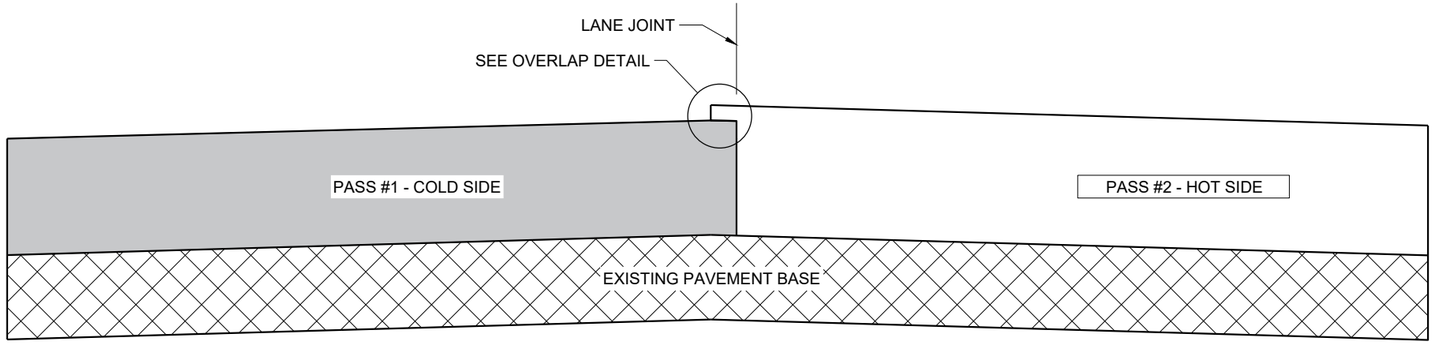
SDD 09A01 - 14a



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

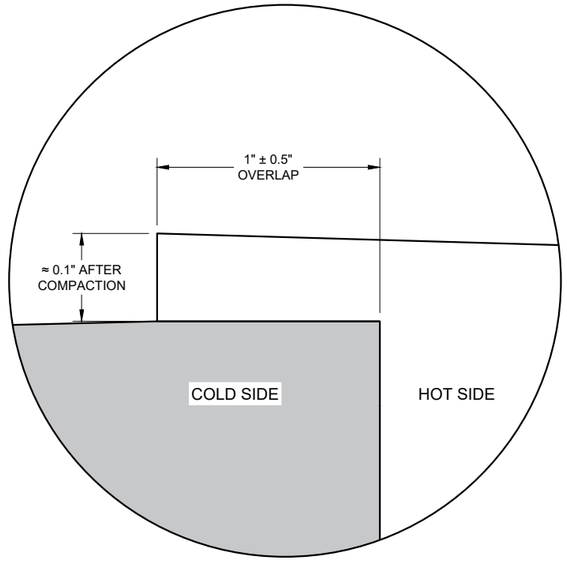
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

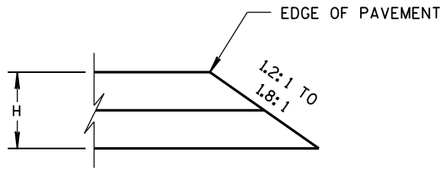
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

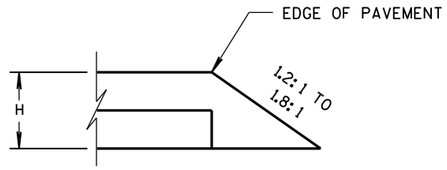
/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



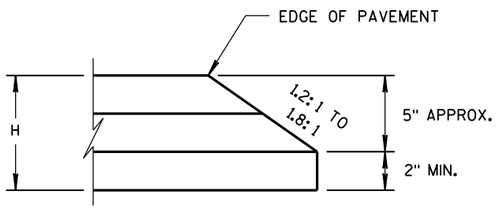
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



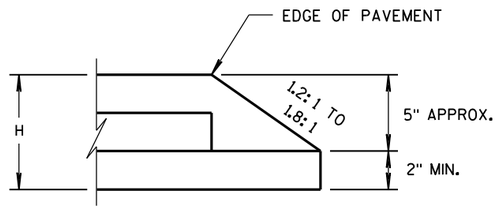
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

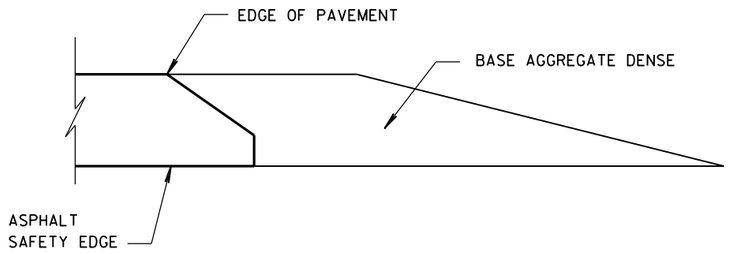
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

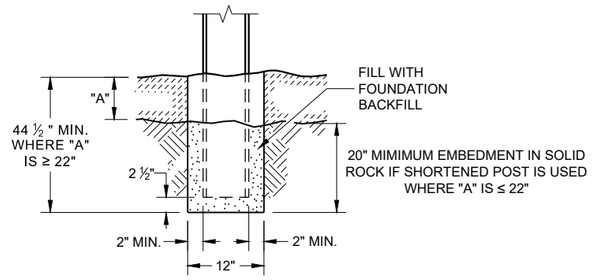
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

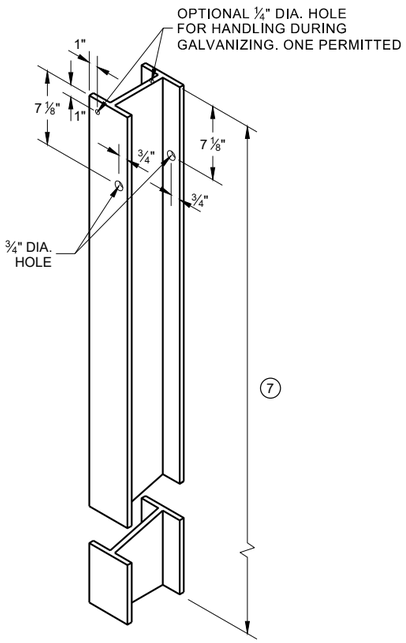
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

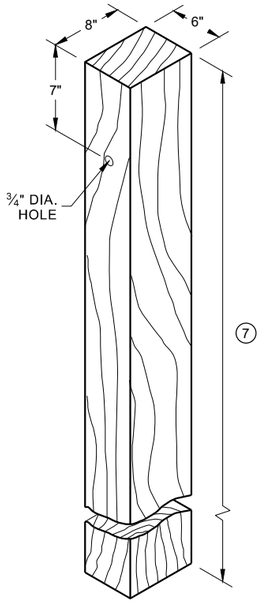
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



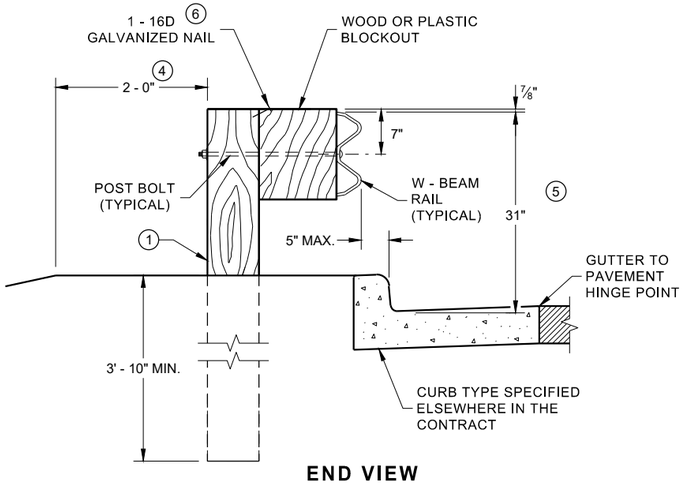
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



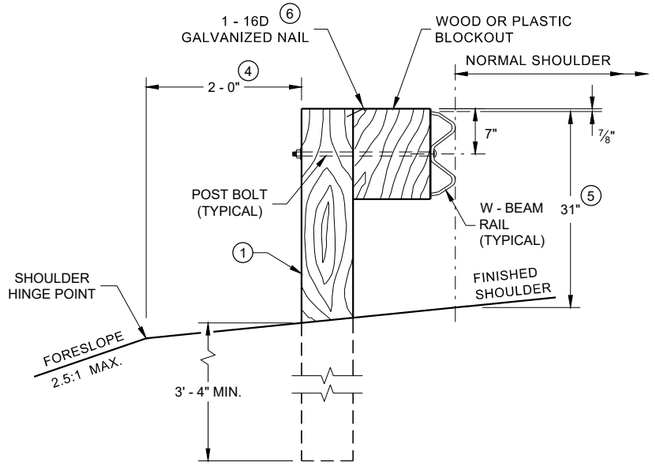
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



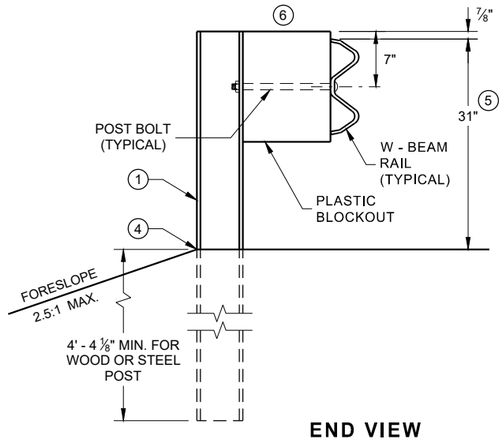
WOOD POST (6" X 8") NOMINAL (1)



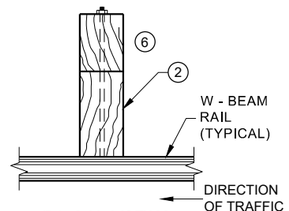
END VIEW
LOCATED ALONG A CURBED ROADWAY



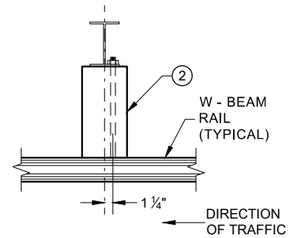
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



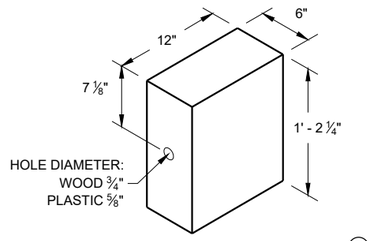
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



WOOD OR PLASTIC BLOCKOUT (2)

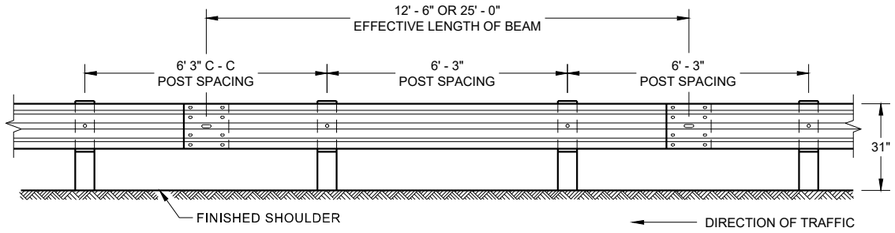
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

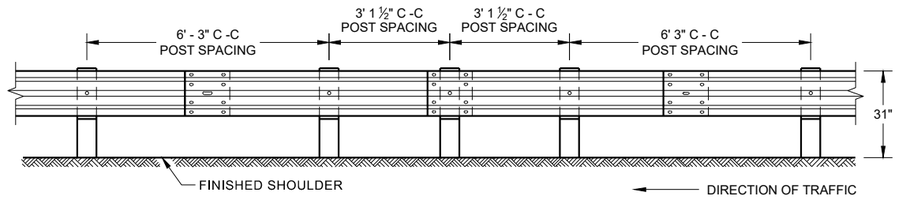
SDD 14B42 - 07a

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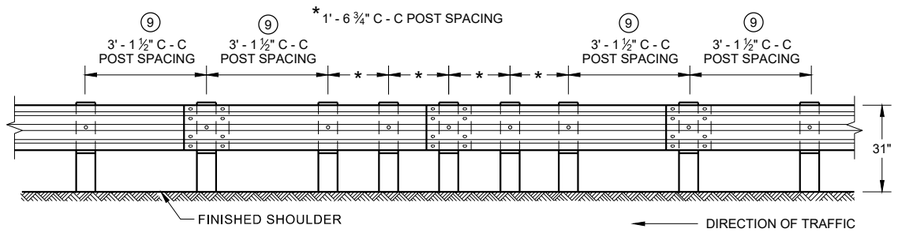
SDD 14B42 - 07a



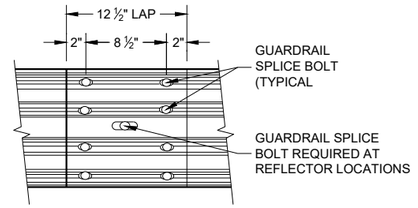
FRONT VIEW
POST SPACING STANDARD INSTALLATION



FRONT VIEW
HALF POST SPACING (HS) AND
HALF POST SPACING WITH LONGER POSTS (K)



FRONT VIEW
QUARTER POST SPACING (QS)



FRONT VIEW
MID-SPAN BEAM SPLICE

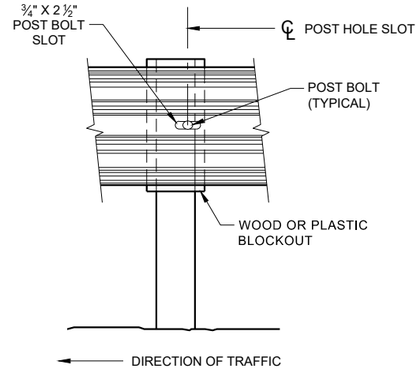
GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

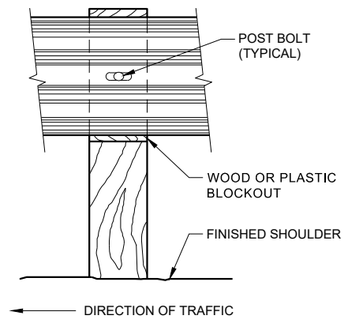
⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

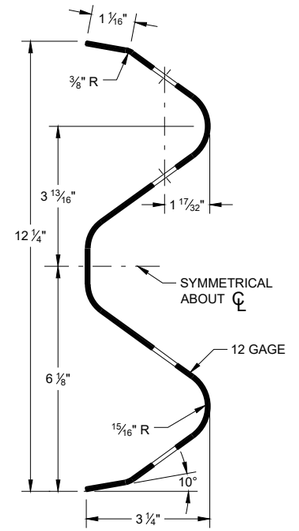
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.



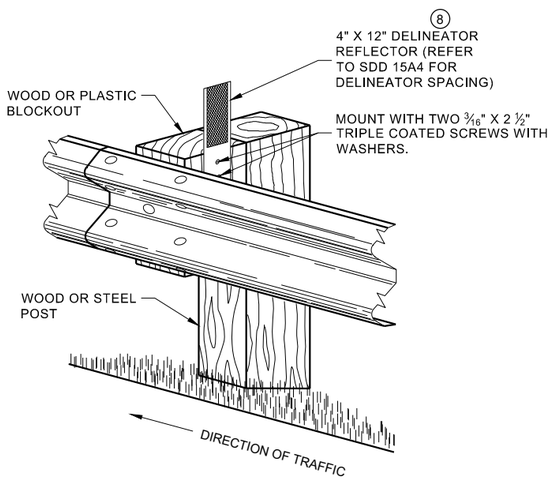
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



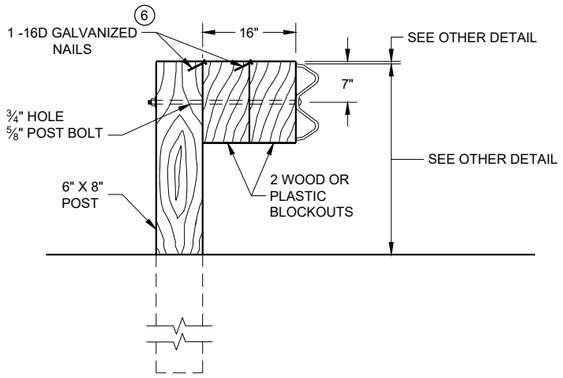
ONE SIDED REFLECTOR DETAIL
AND TYPICAL INSTALLATION

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B42 - 07b
SDD 14B42 - 07b

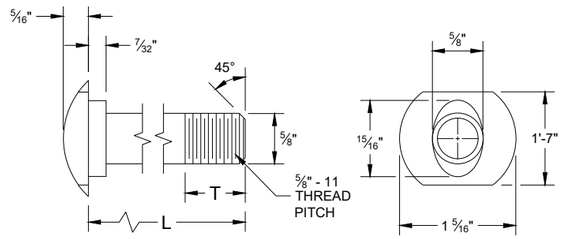


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

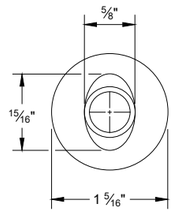
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

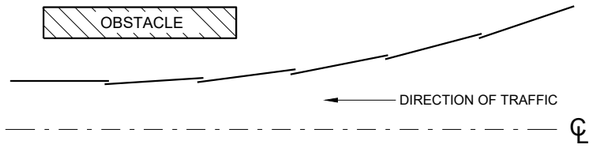


POST BOLT TABLE

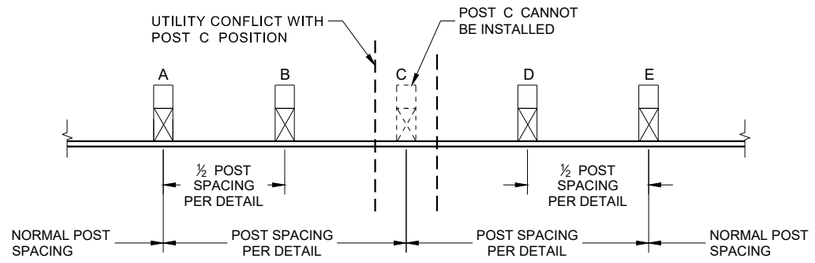
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



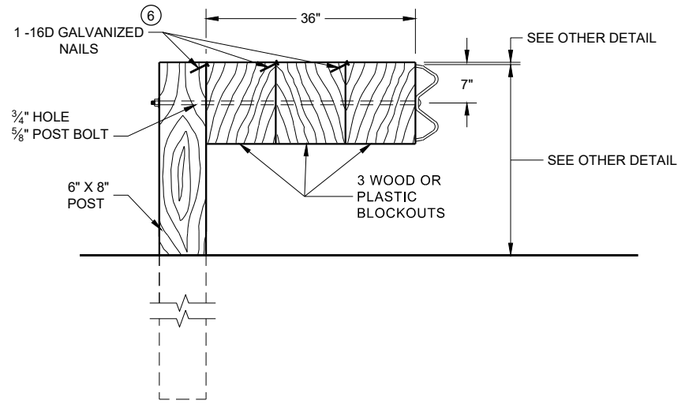
ALTERNATE BOLT HEAD



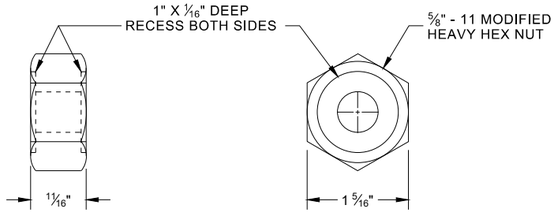
PLAN VIEW
BEAM LAPPING DETAIL



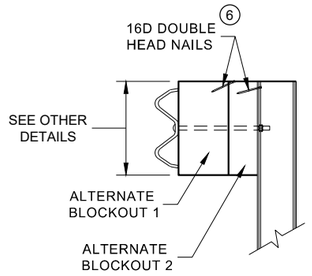
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



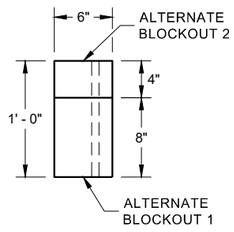
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

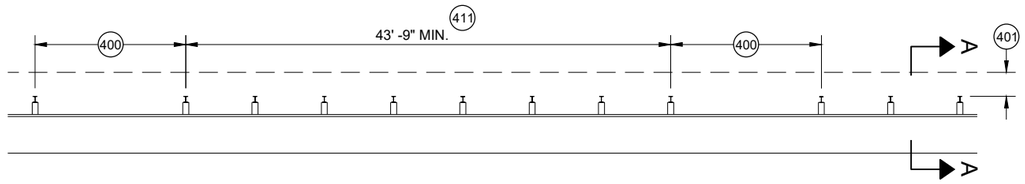
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

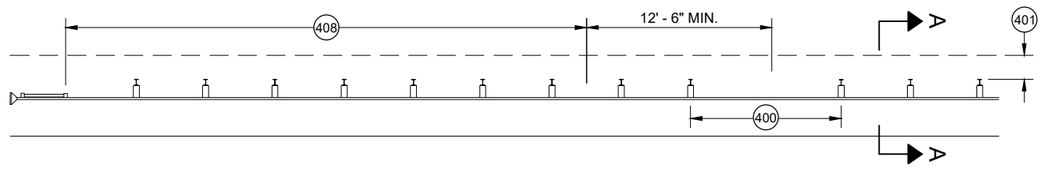
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

6

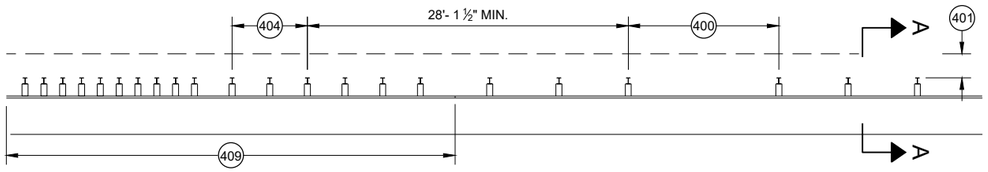
SDD 14B42 - 07c



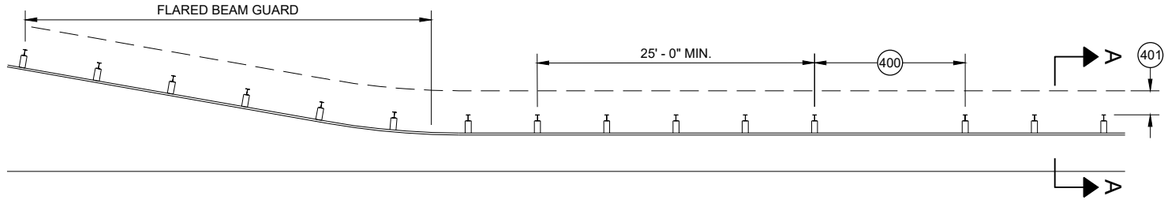
MISSING POST IN MGS GUARDRAIL



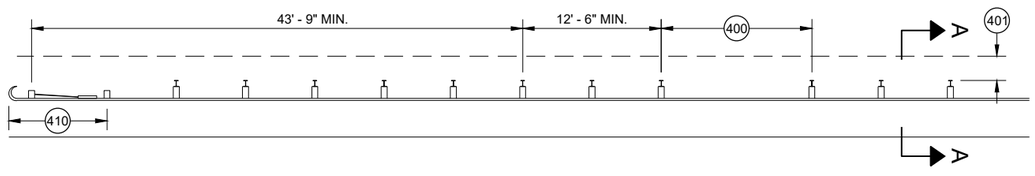
MISSING POST IN MGS GUARDRAIL NEAR EAT



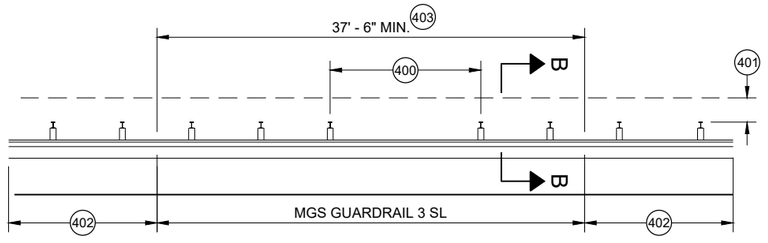
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

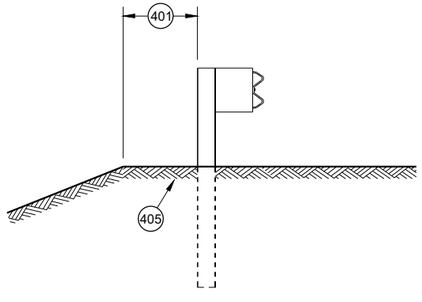


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

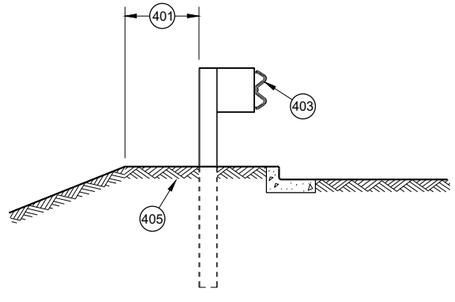


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

6

SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

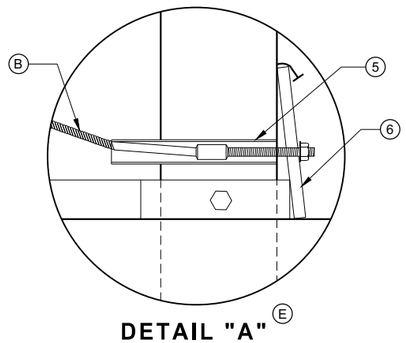
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

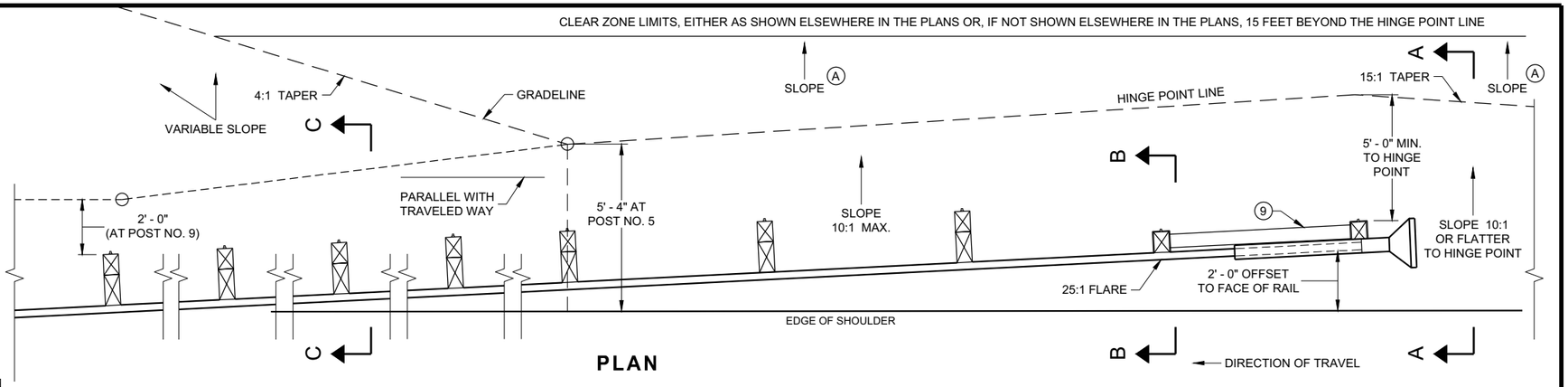
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

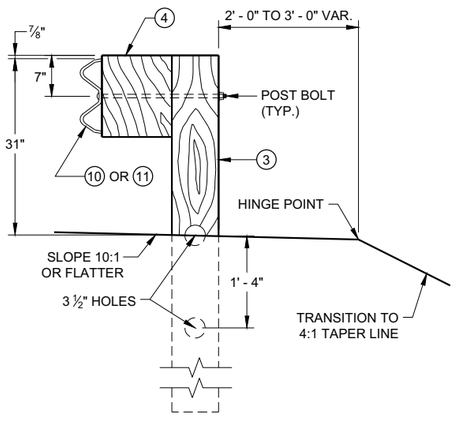
SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.

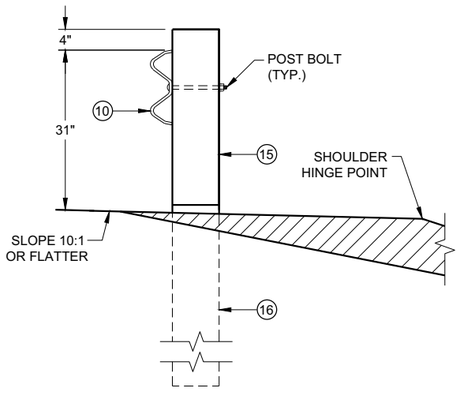


DETAIL "A" (E)

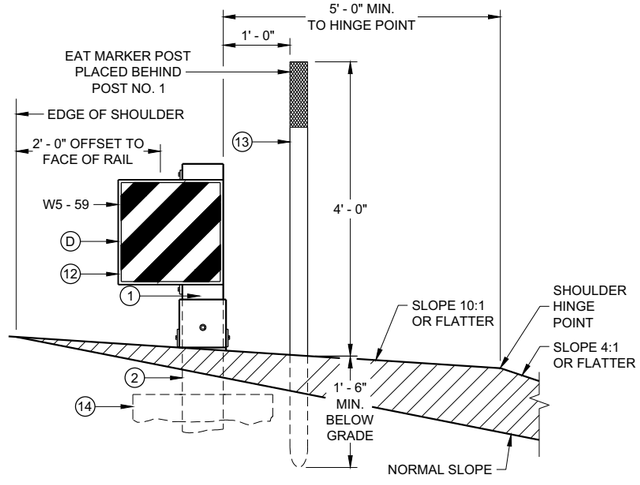




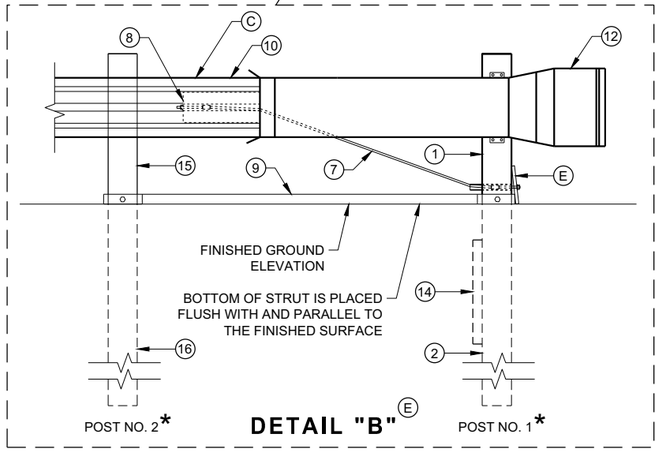
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*

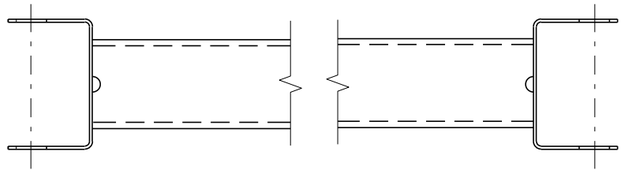


DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

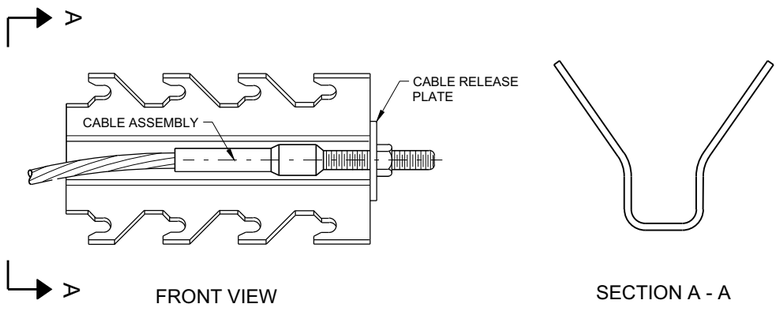
6
SDD 14B44 - 04a



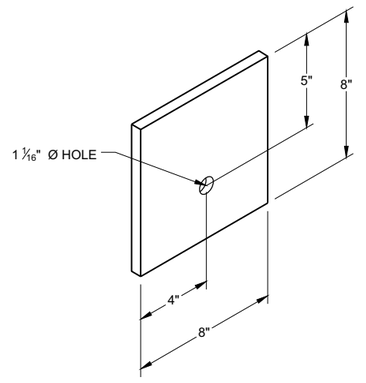
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑨ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

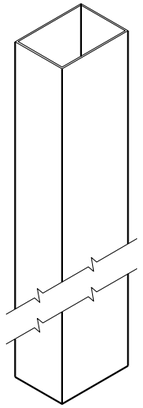
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SDD 14B44 - 04b

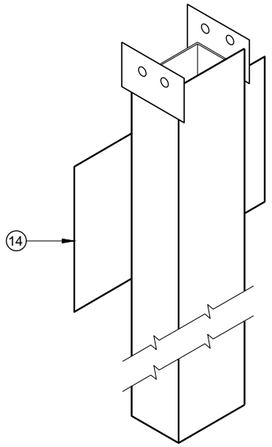
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

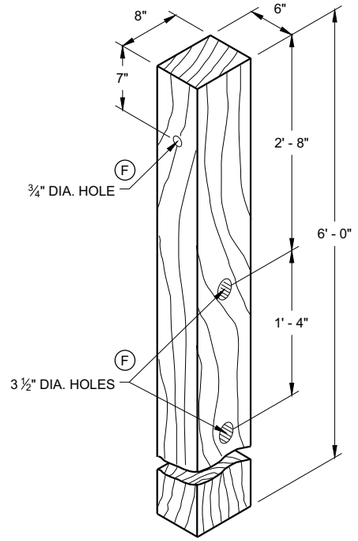
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA



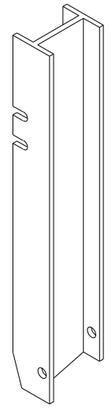
UPPER POST NO. 1 (1) (E)



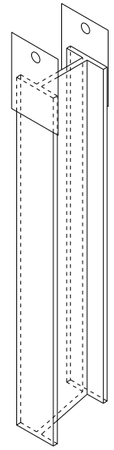
LOWER POST NO. 1 (2) (E)



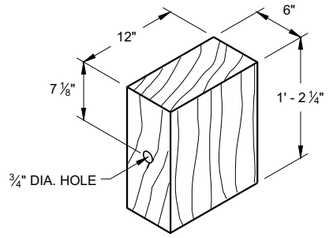
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



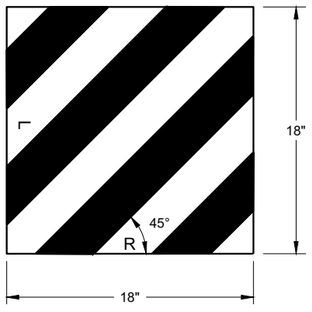
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

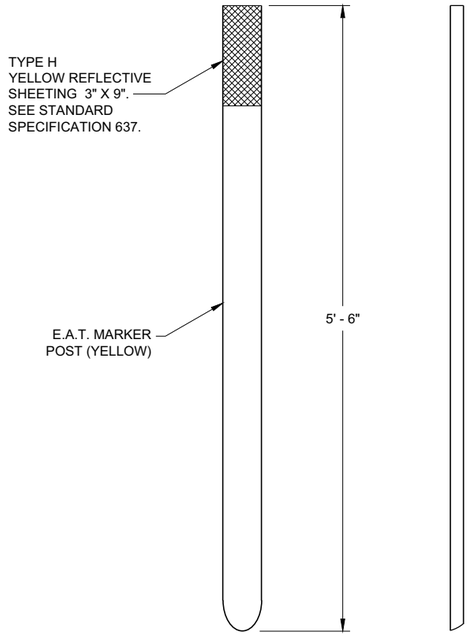


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



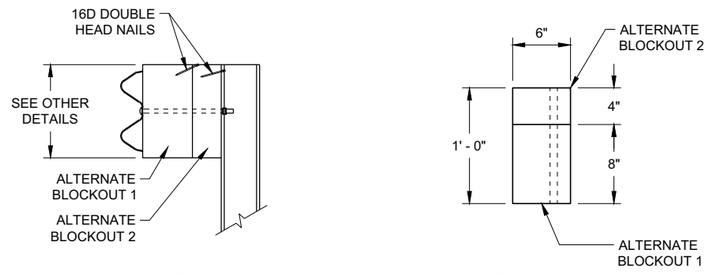
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

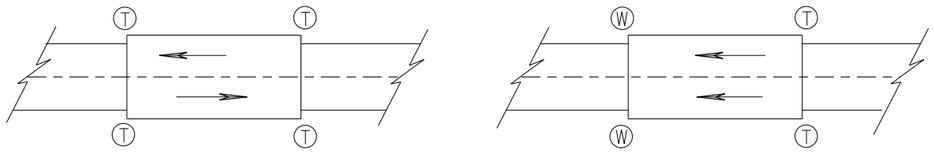
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

6

SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

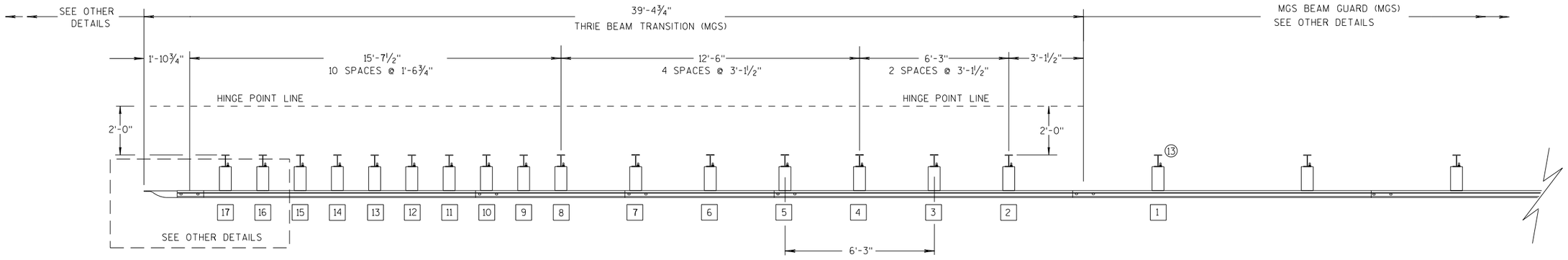
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

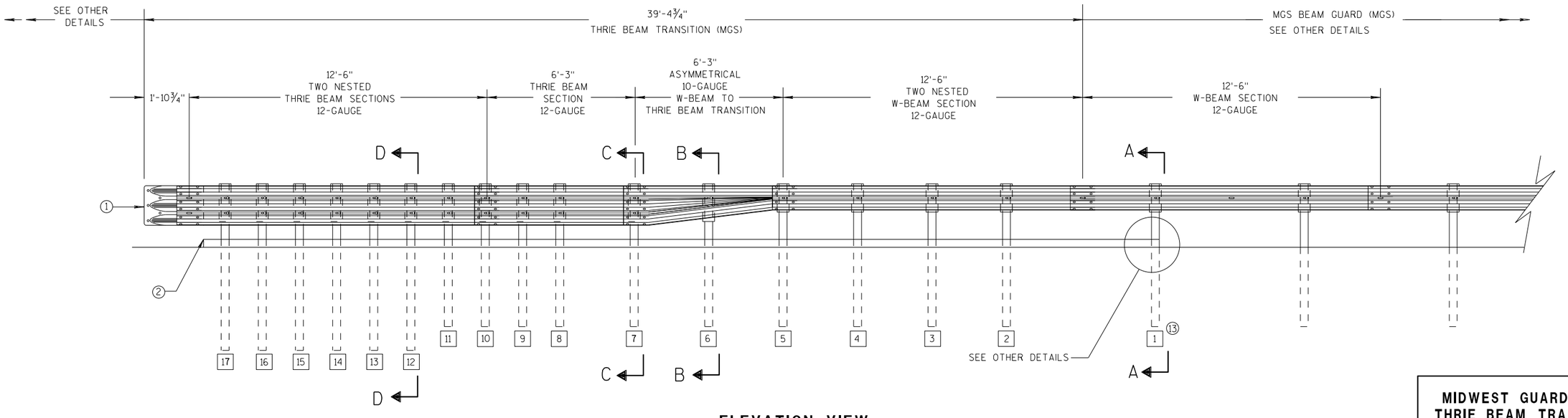
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6
S.D.D. 14 B 45-5a

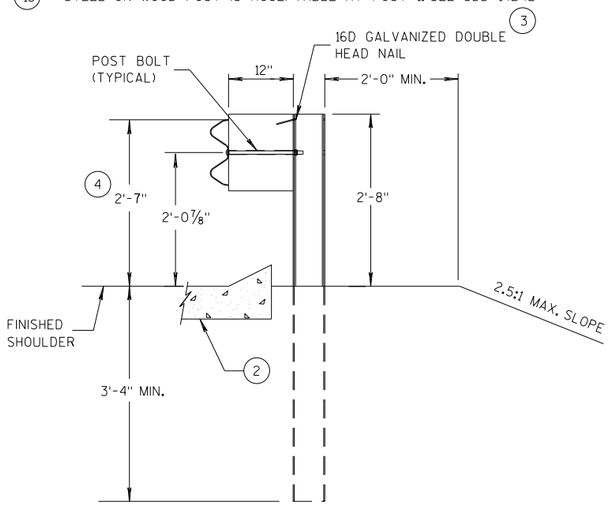
GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

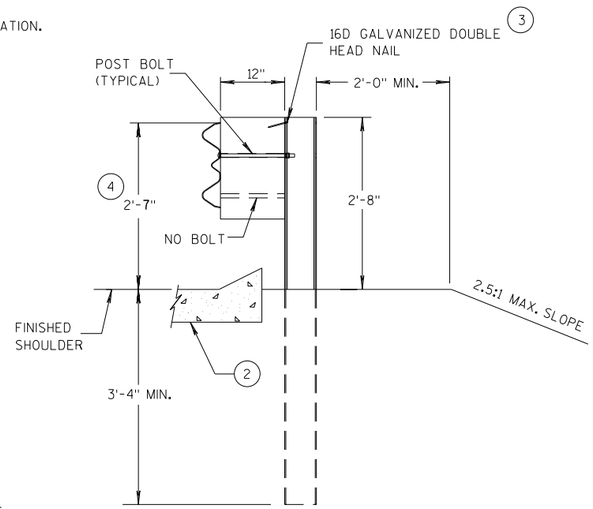
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



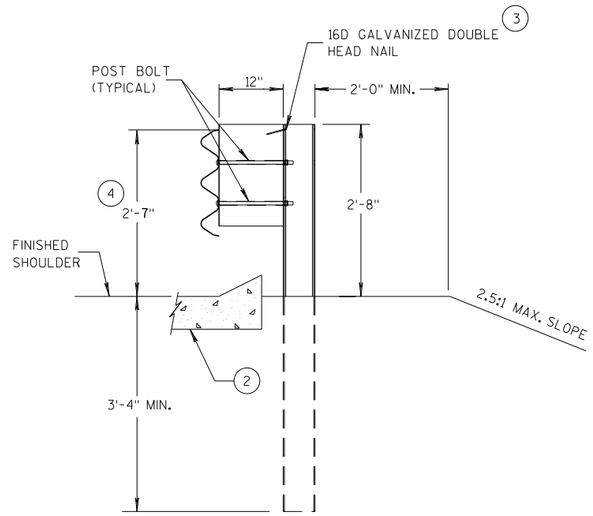
SECTION A-A (13)

POSTS 1-5



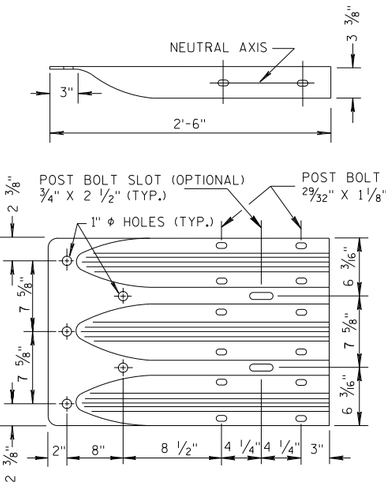
SECTION B-B

POST 6

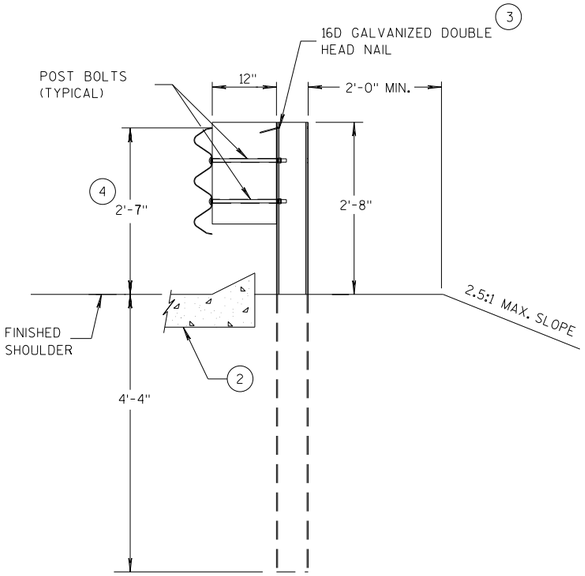


SECTION C-C

POSTS 7-11

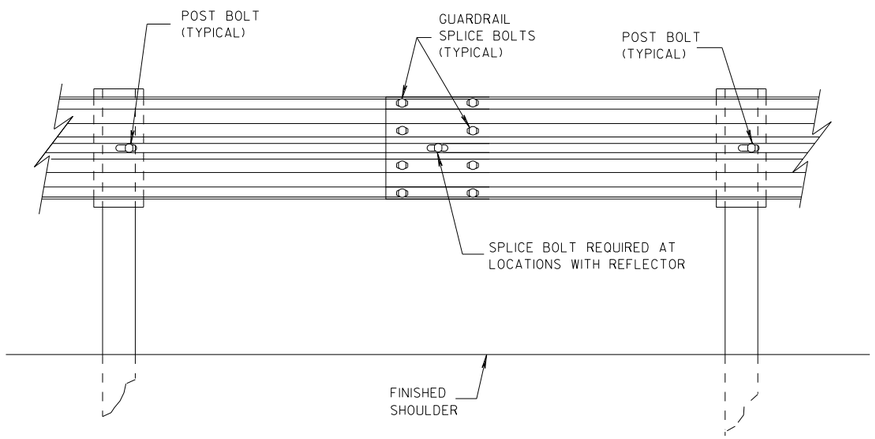


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

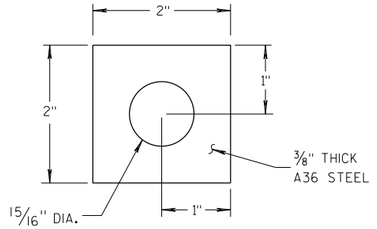
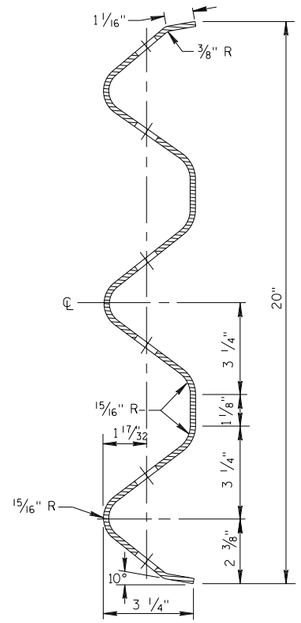


PLATE WASHER DETAIL



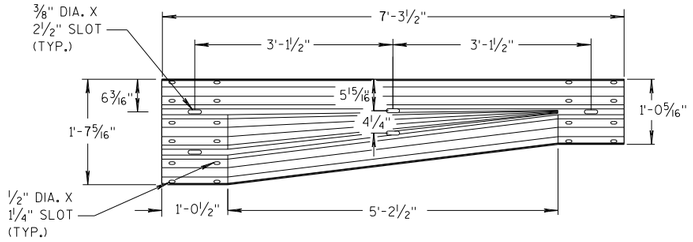
SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

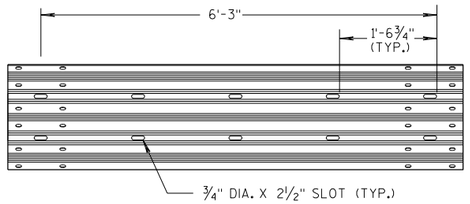
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

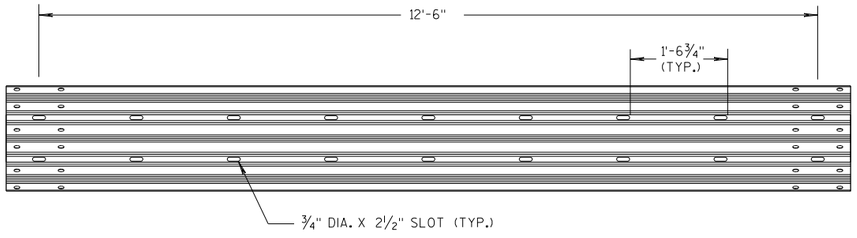
S.D.D. 14 B 45-5b



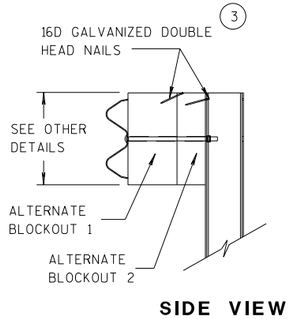
W-BEAM TO THRIE BEAM TRANSITION SECTION



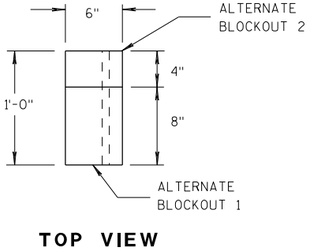
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

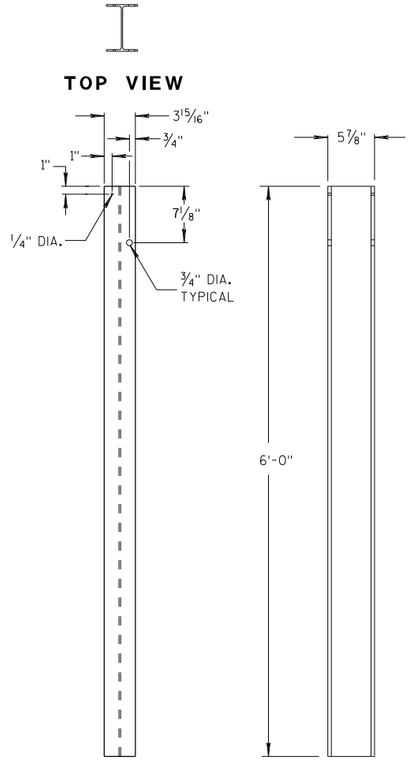


SIDE VIEW



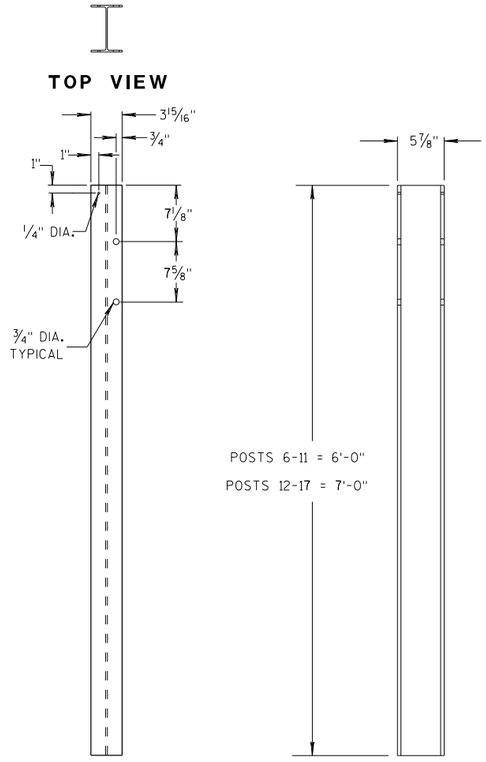
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



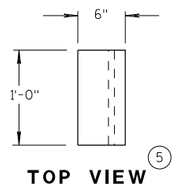
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

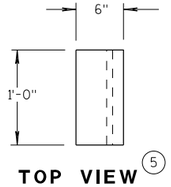


FRONT VIEW SIDE VIEW

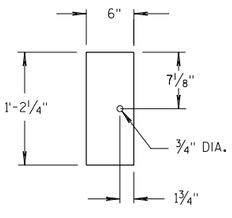
STEEL POSTS 6-17



TOP VIEW (5)

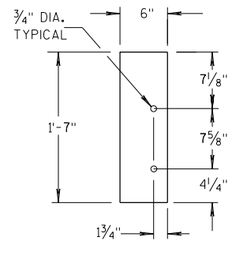


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

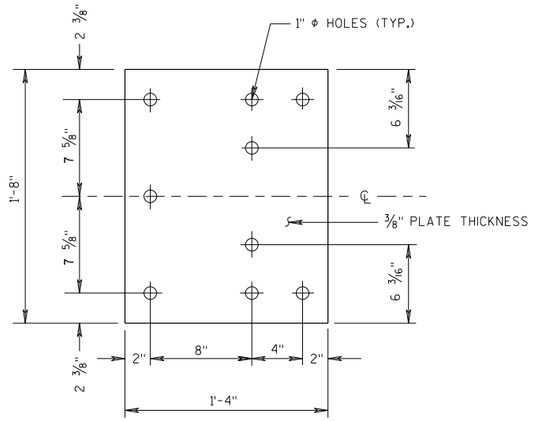
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

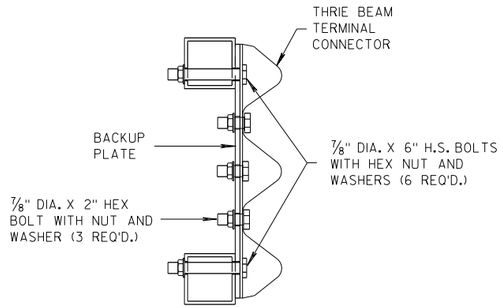
MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF

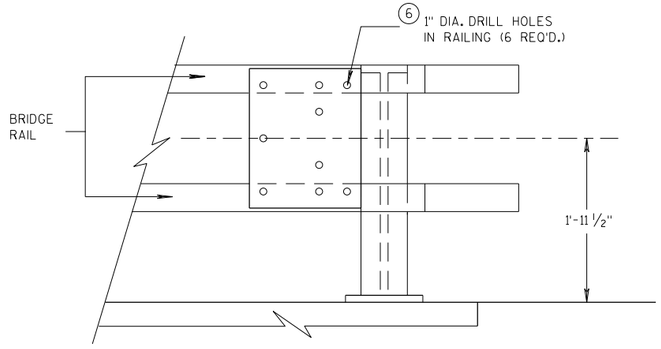
6
S.D.D. 14 B 45-5c



BACK-UP PLATE DETAIL



SECTION J-J

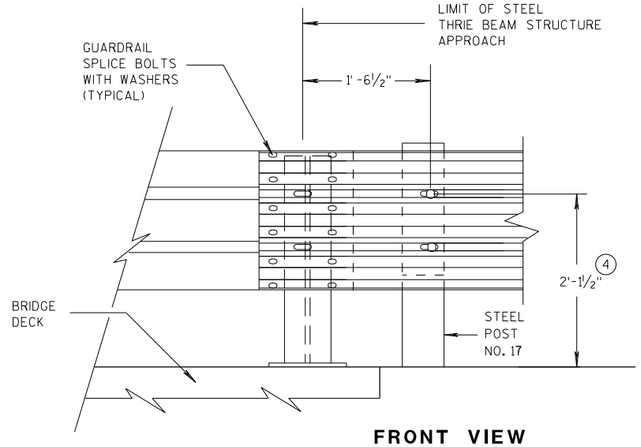


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

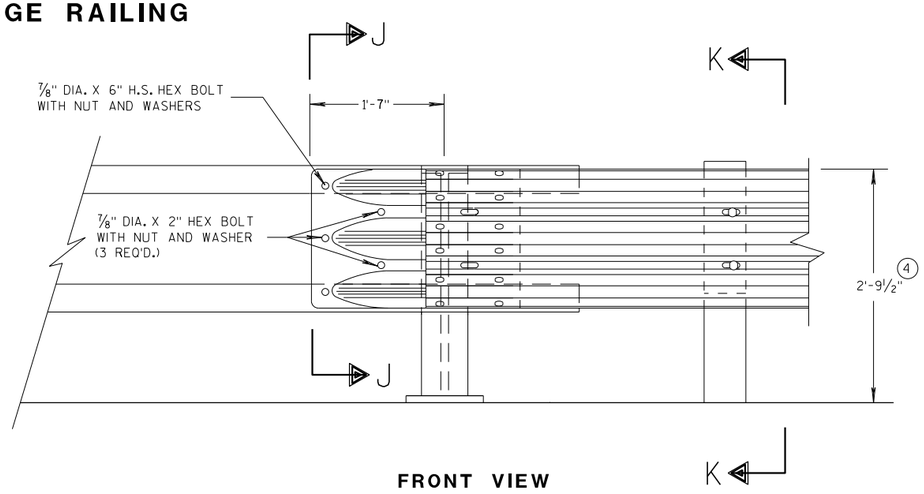
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

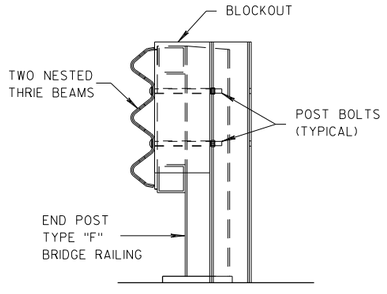


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 07/2018 — DATE
FHWA

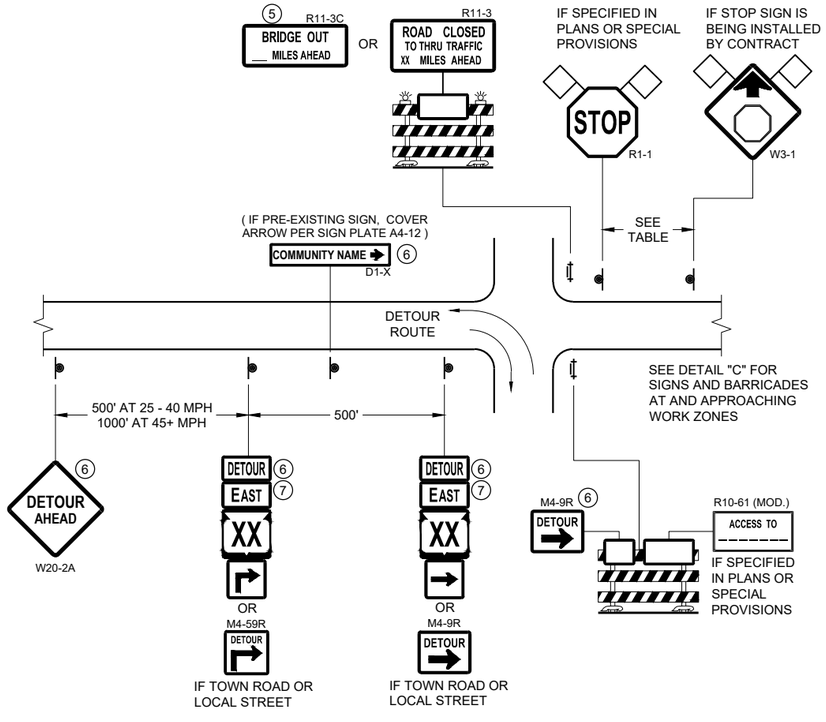
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

6

S.D.D. 14 B 45-5g

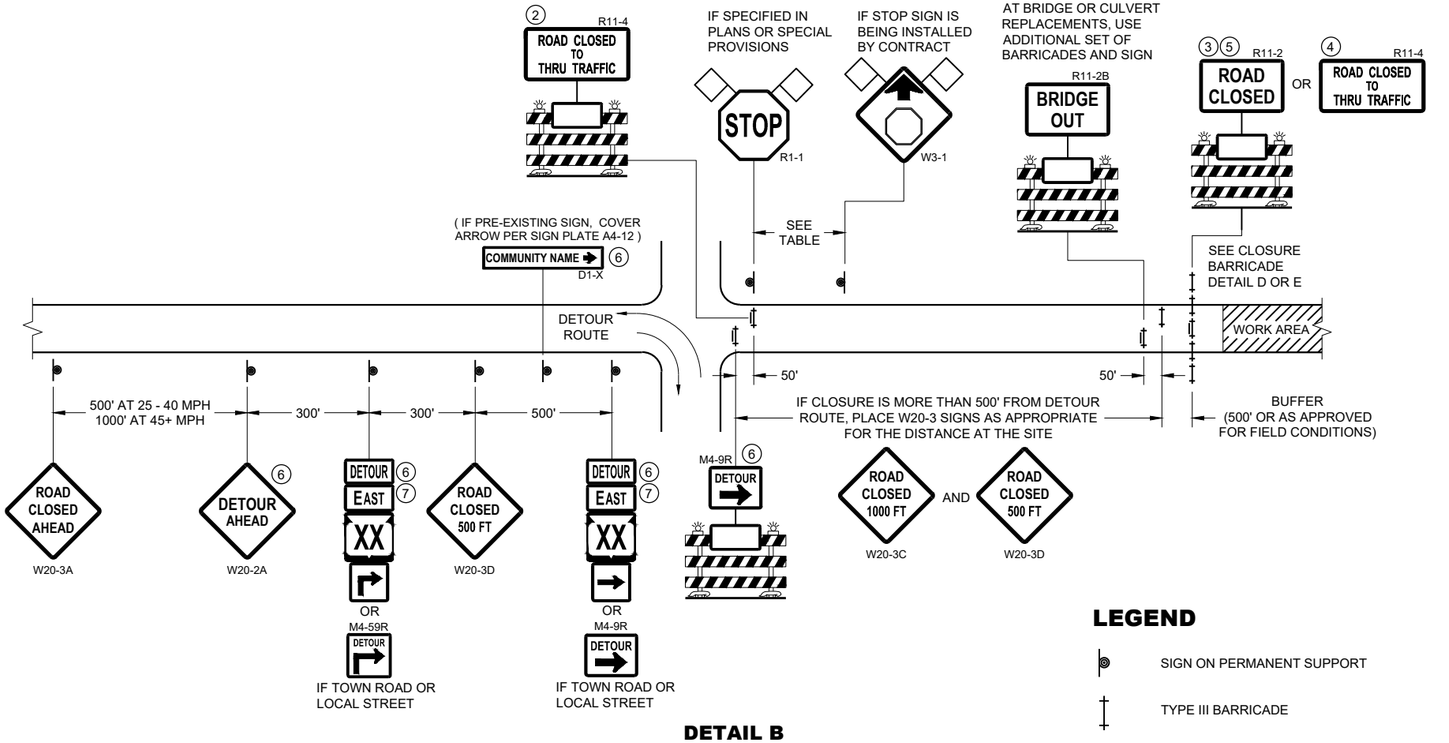
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S.D.D. 14 B 45-5g



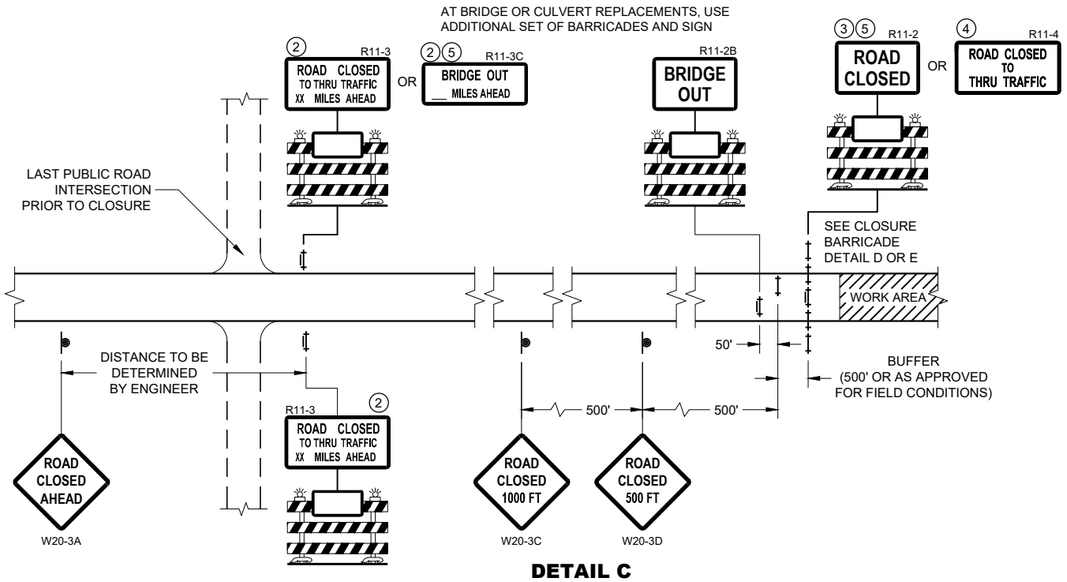
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

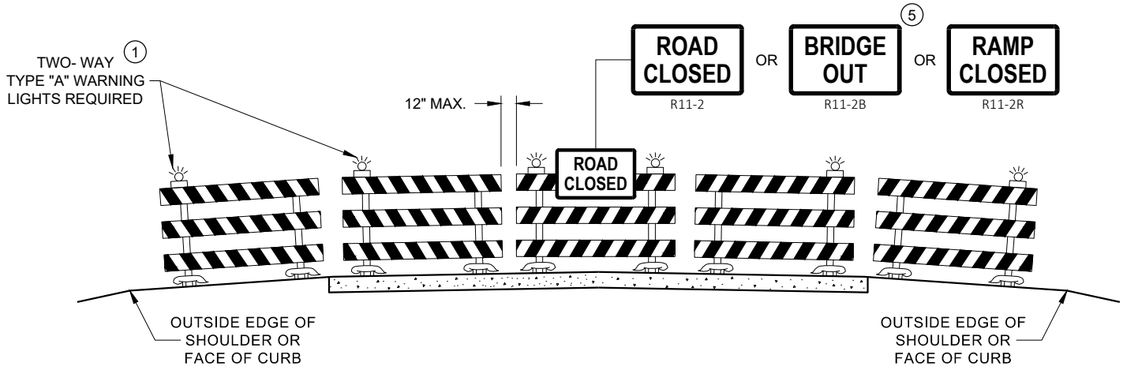
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

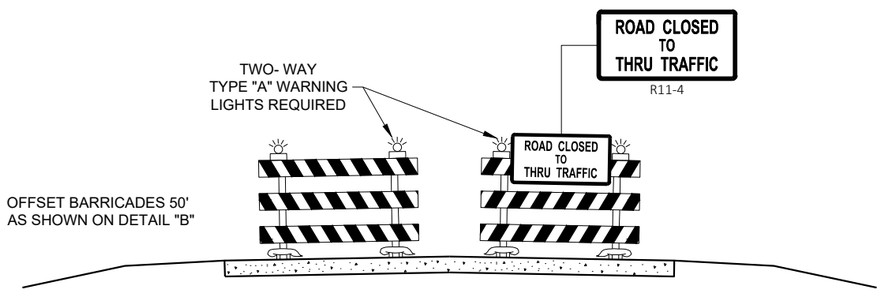
FHWA

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SDD 15C02 - 09a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

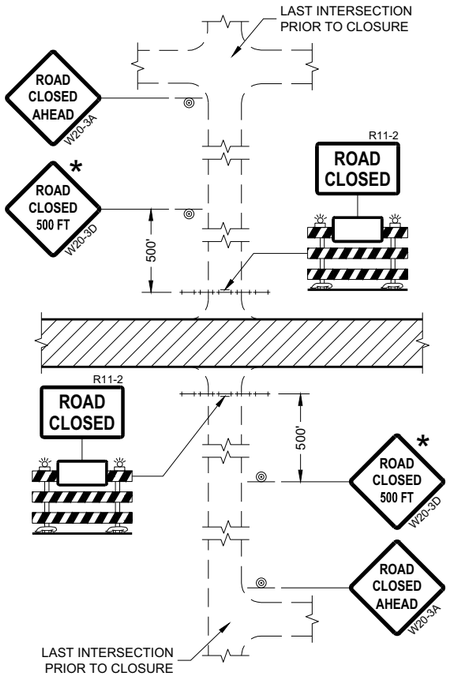
APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

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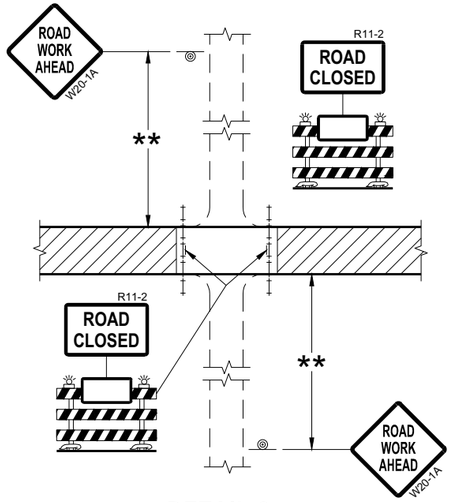
SDD 15C02 - 09b

6

SDD 15C02 - 09b



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

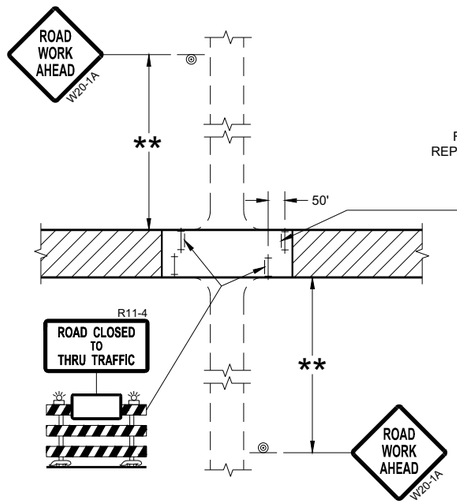
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

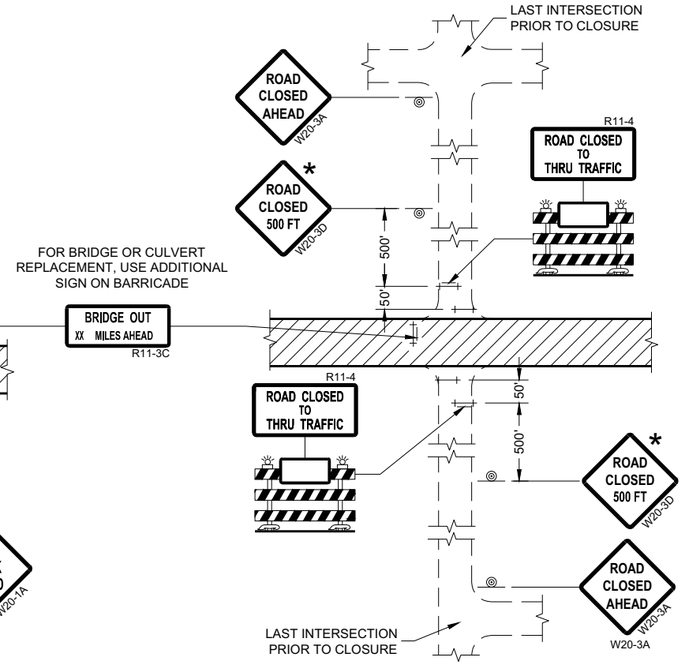
ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15C03 - 05

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

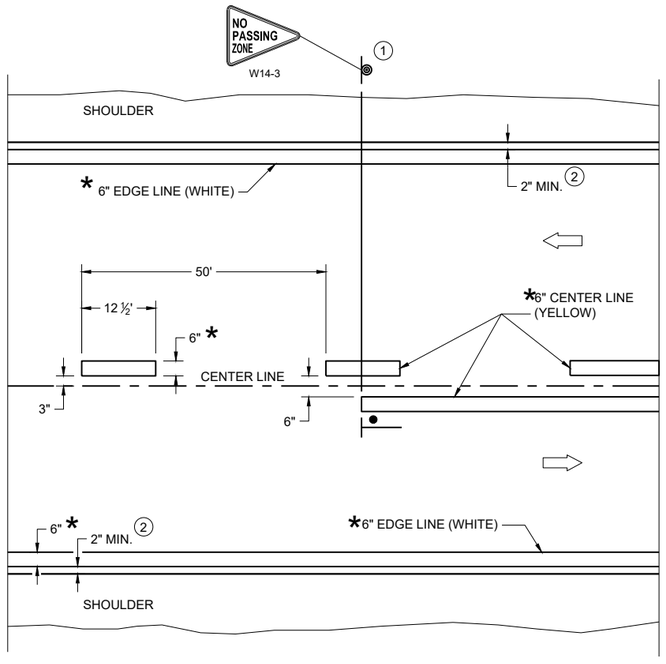
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

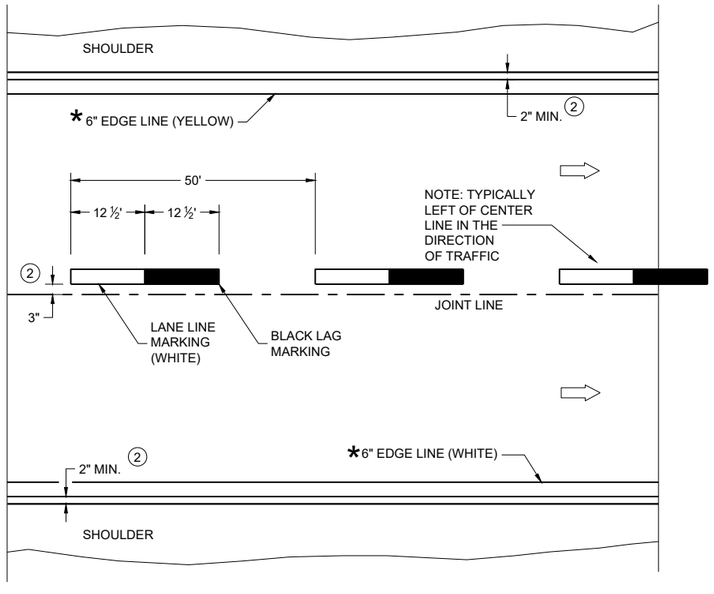
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

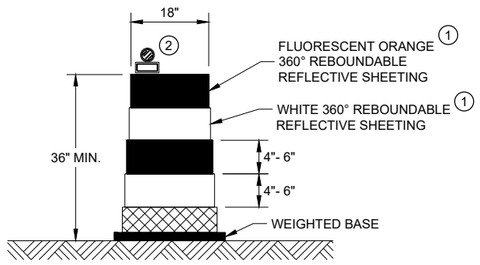
PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — Statewide Pavement Marking Engineer
FHWA

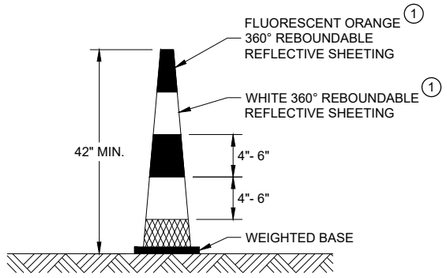
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

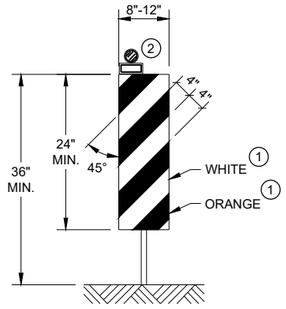
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

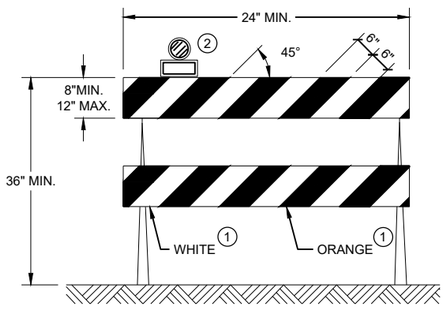
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



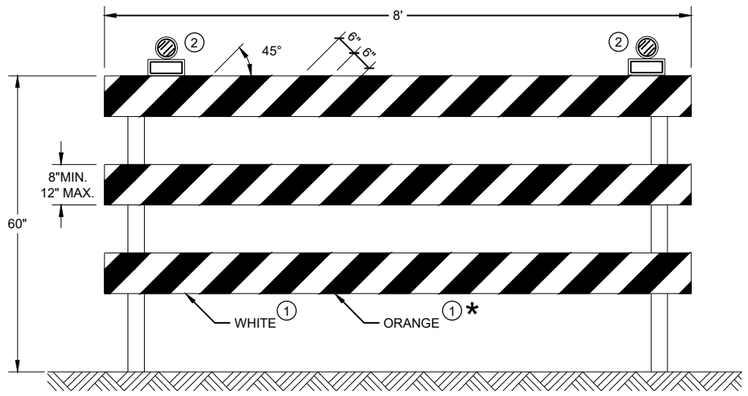
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

6

SDD 15C11 - 10b

6

SDD 15C11 - 10b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

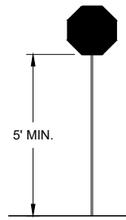
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



STOP/SLOW PADDLE ON SUPPORT STAFF

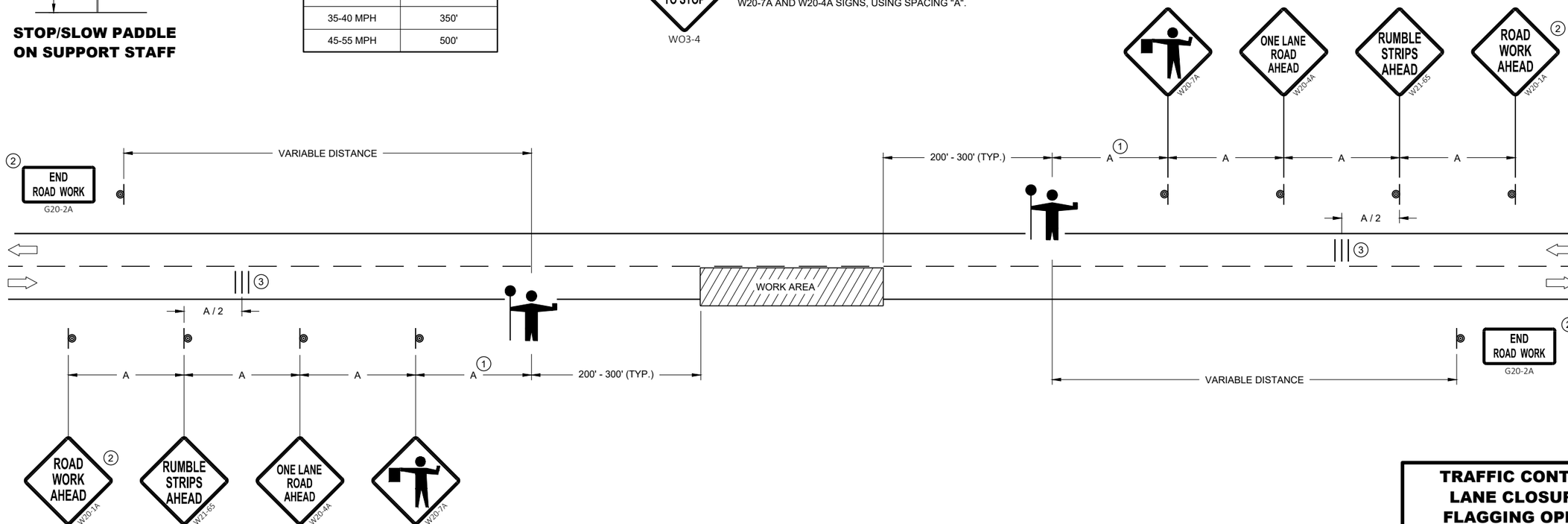
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C12 - 09a

6

SDD 15C12 - 09a

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

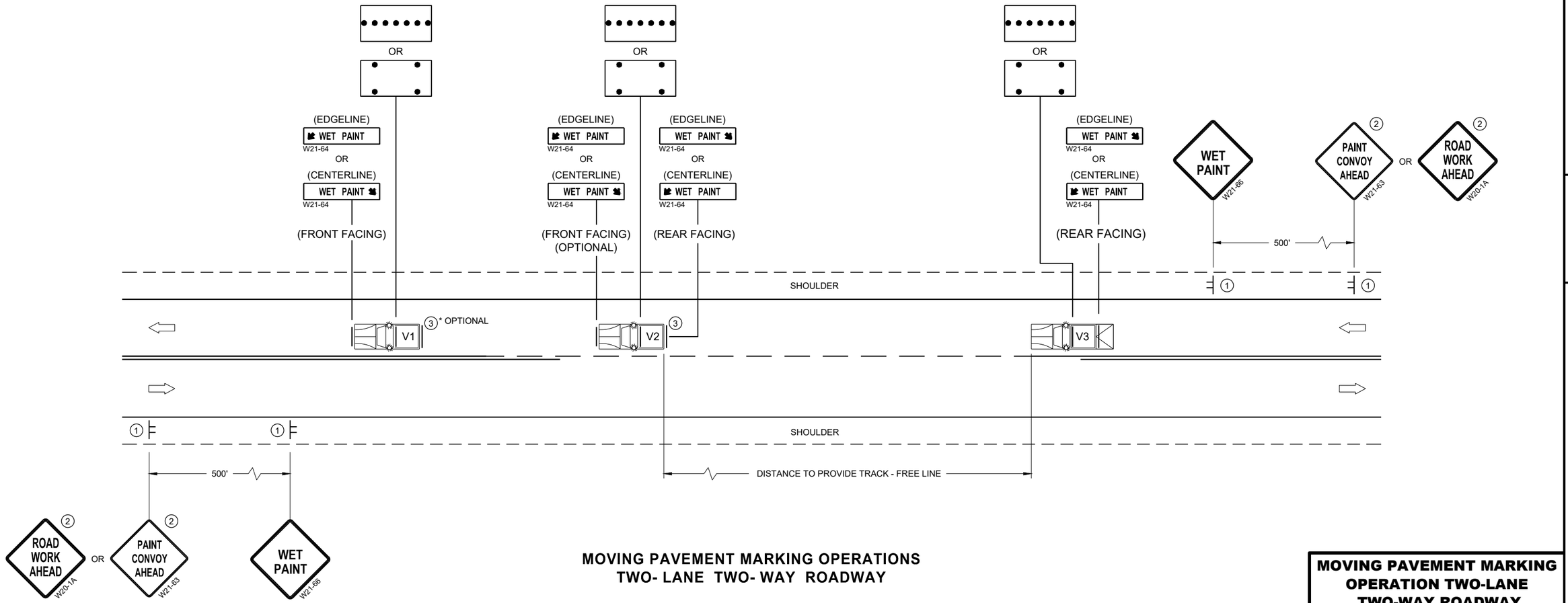
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

1. SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
2. IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.
3. V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Andrew I...
WORK ZONE EN

FHWA

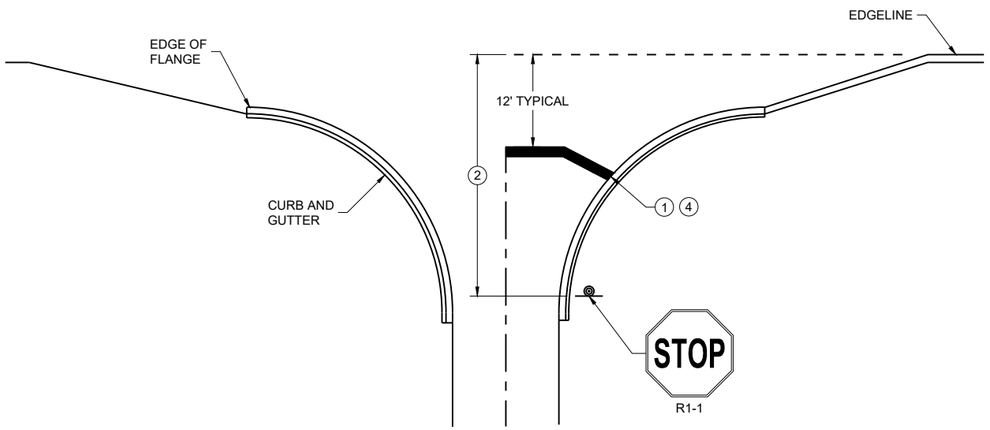
SDD 15C19-08a

SDD 15C19-08a

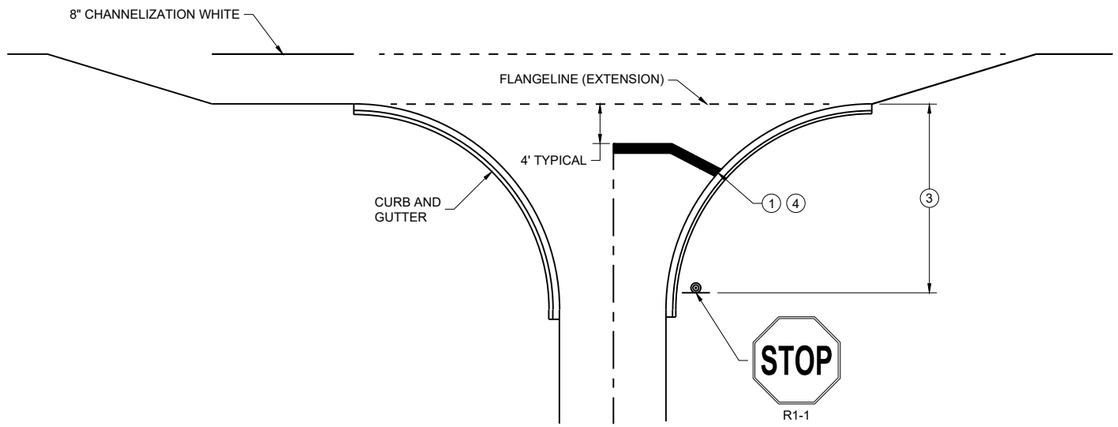
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

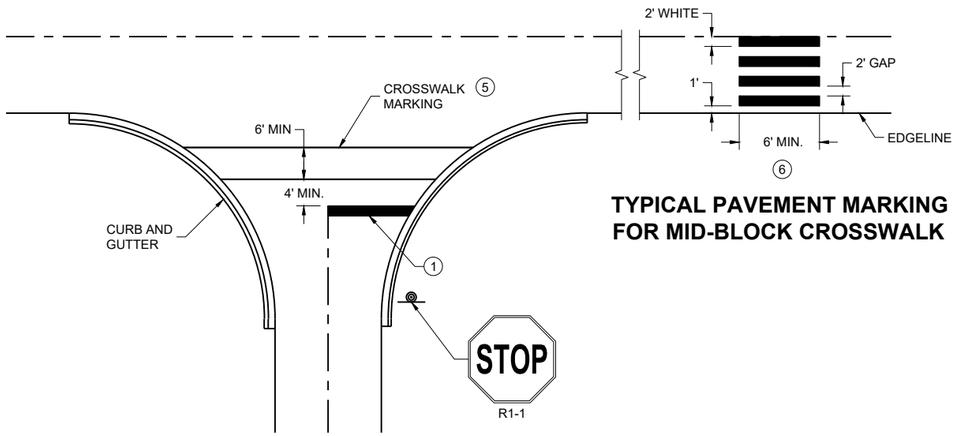
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

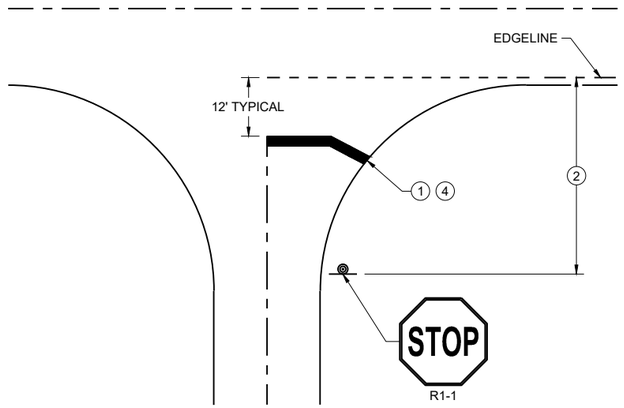


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

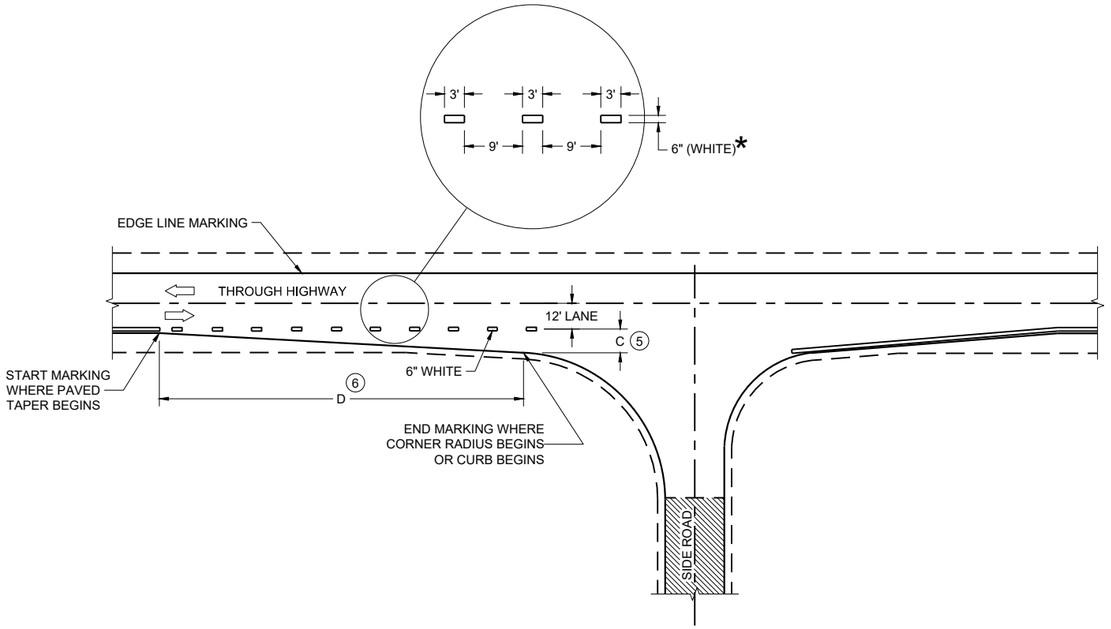
March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

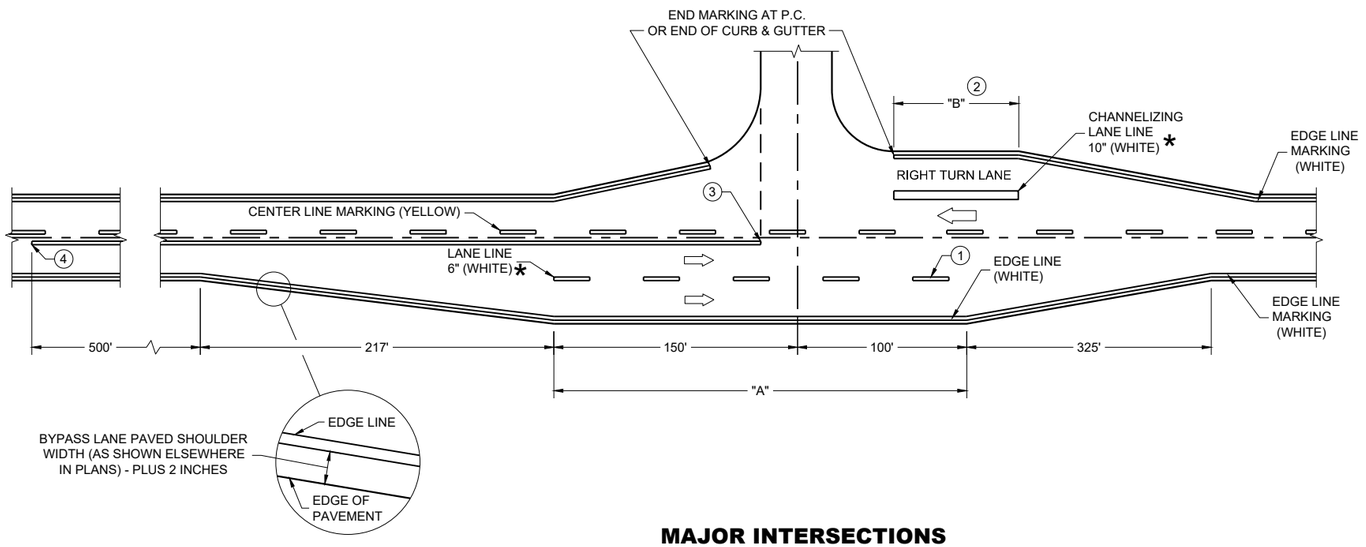
FHWA

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SDD 15C33-05



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

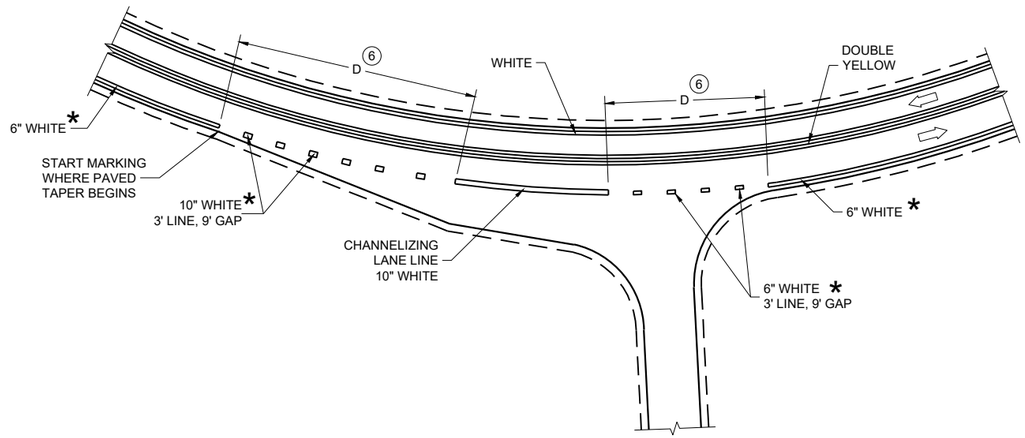
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

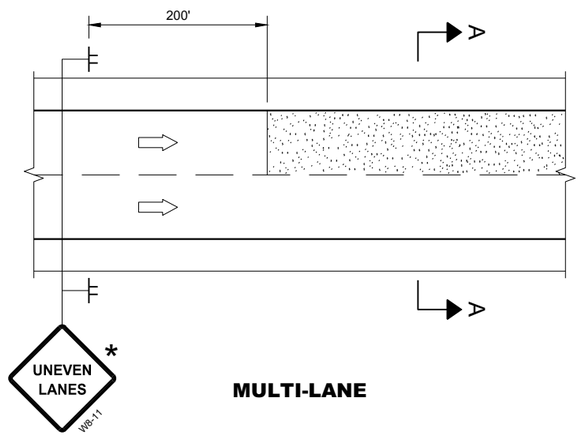
DIRECTION OF TRAVEL



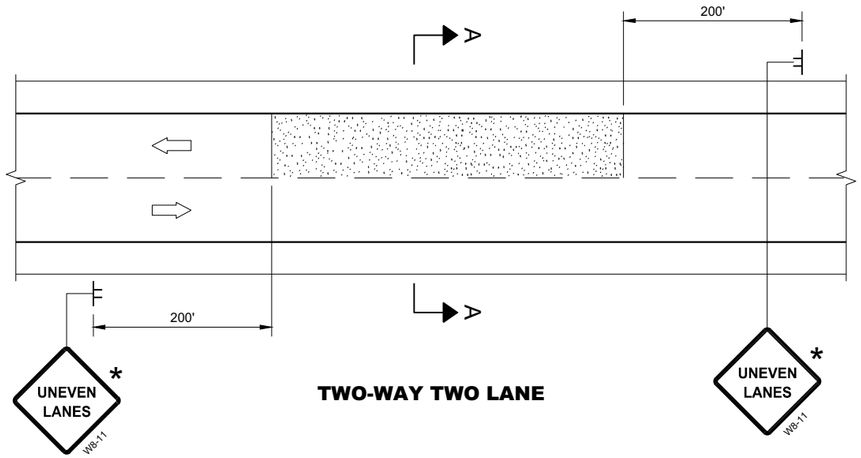
INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



MULTI-LANE



TWO-WAY TWO LANE

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

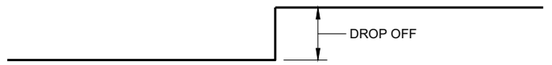
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

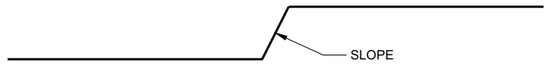
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE

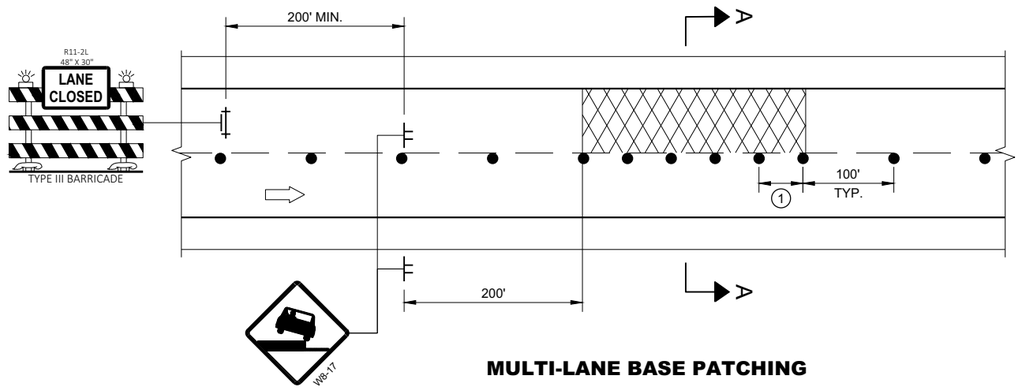


SECTION A - A

OR

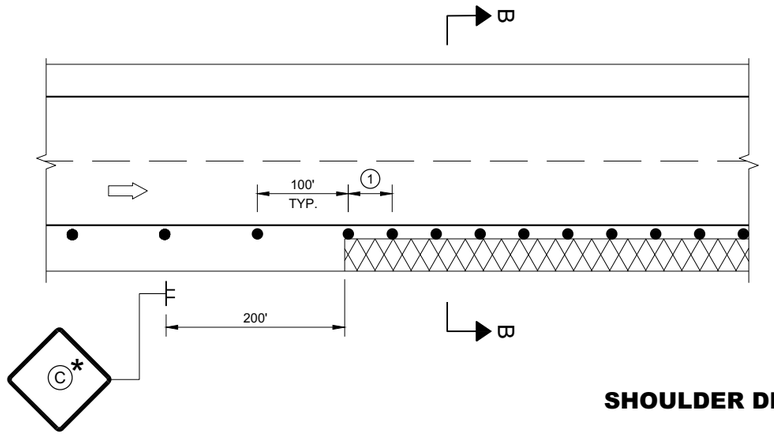


SECTION A - A

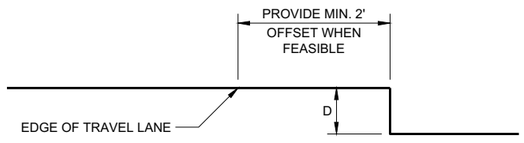


MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15D39 - 02

6

SDD 15D39 - 02

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND 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 SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

(1) PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

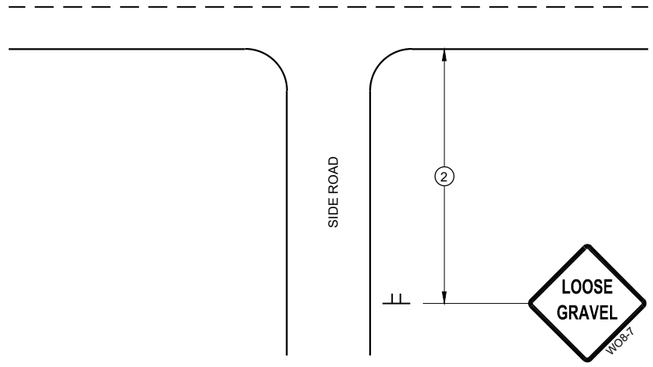
(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

(3) ADD WO8-1 OR WO8-2 SIGN WHEN THE CONDITION IS PRESENT.

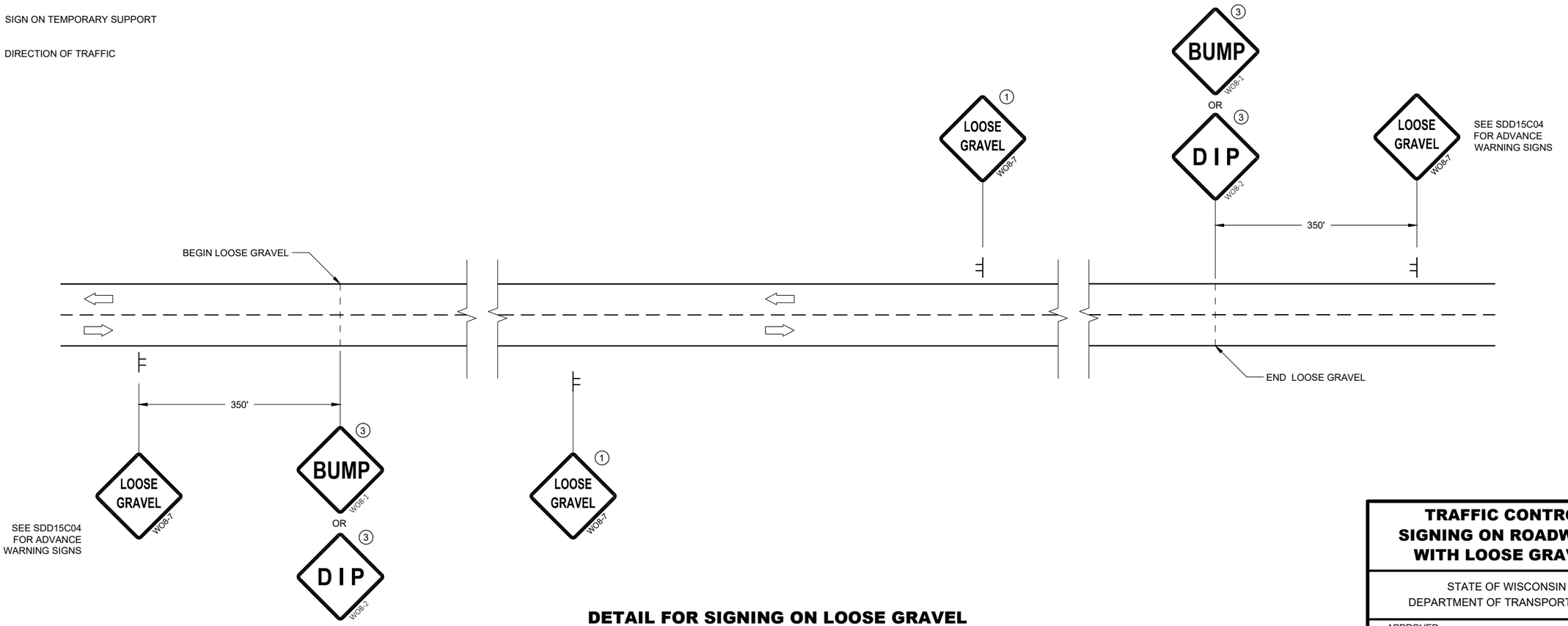
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL OR CHIP SEALED SURFACES

TRAFFIC CONTROL SIGNING ON ROADWAYS WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

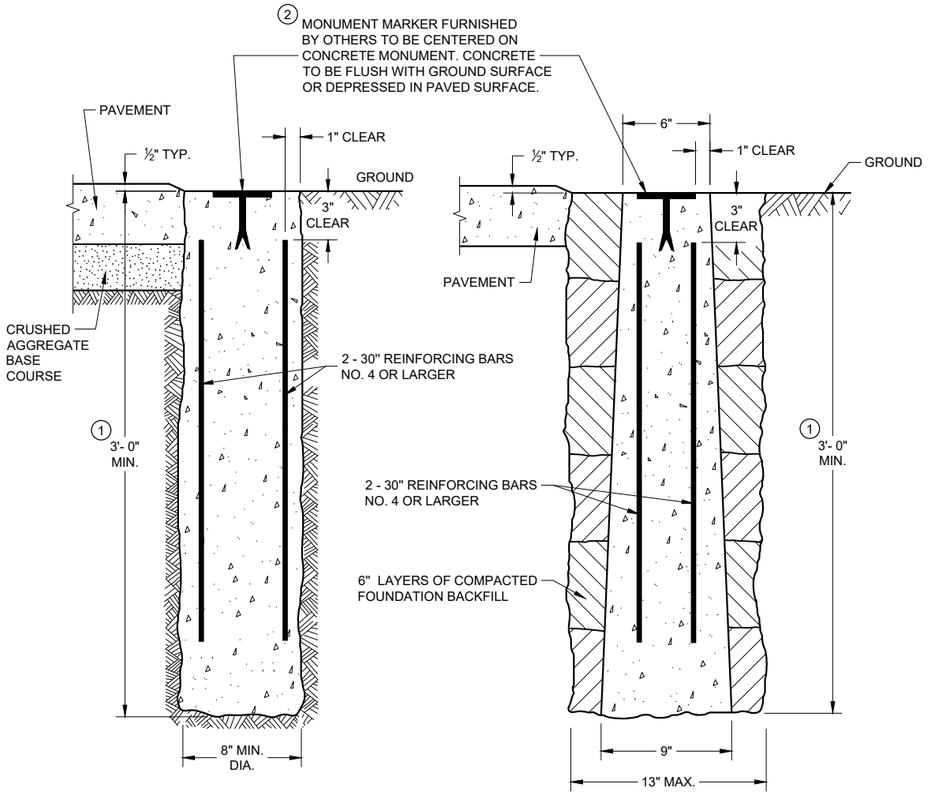
FHWA

6

SDD 15D45 - 03

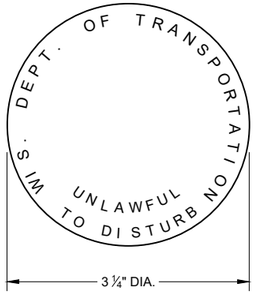
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SDD 15D45 - 03



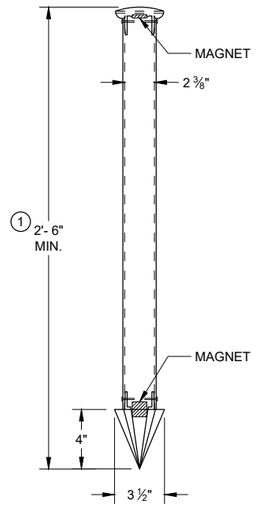
CAST-IN-PLACE **PRECAST**

CONCRETE MONUMENTS
TYPE A

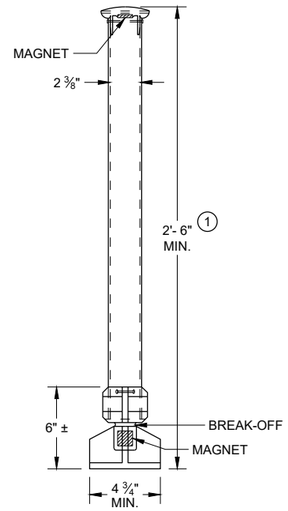


② **WIS DOT MONUMENT MARKER LOGO**

FOR TYPES "A", "C" & "D"

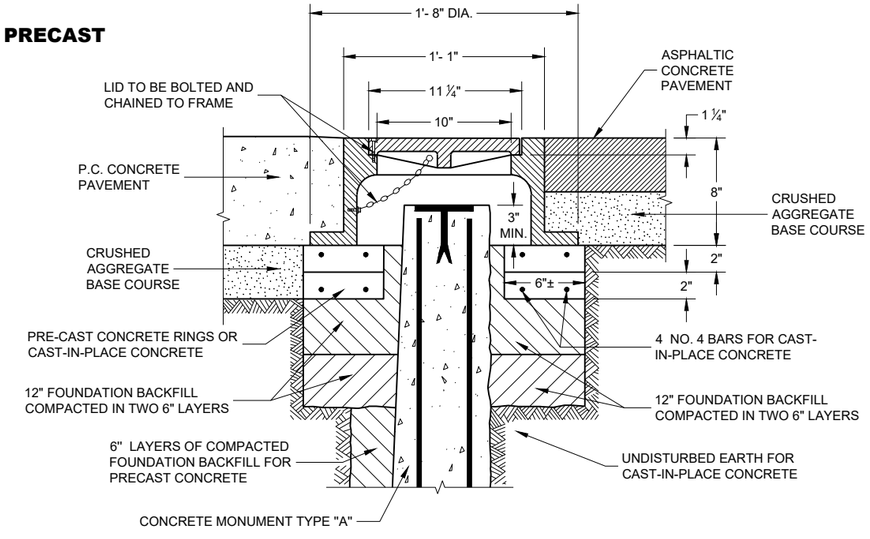


TYPE C
DRIVEN MONUMENT



TYPE D
NON-DRIVEN
BREAK-OFF MONUMENT

ALUMINUM MONUMENTS
(INCLUDES MARKER)



CAST IRON MONUMENT COVER
(APPROXIMATE WEIGHT 95 LBS)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PERMANENT MAGNETS SHALL BE INSERTED NEAR THE TOP AND BOTTOM OF ALL ALUMINUM MONUMENTS SO THE MONUMENT CAN EASILY BE DETECTED BY A METAL DETECTOR.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

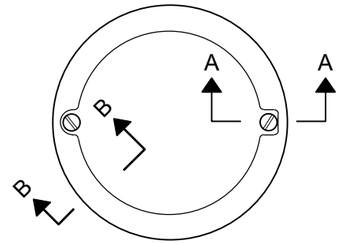
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

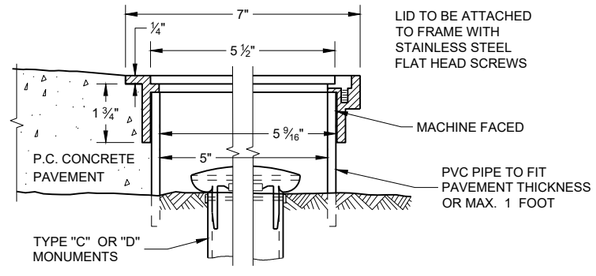
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WISDOT MARKER.



TOP VIEW



SECTION B-B **SECTION A-A**

ALUMINUM MONUMENT COVER
(APPROXIMATE WEIGHT 2 LBS)
(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MONUMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Raymond A. Kumapayii
CHIEF SURVEYING AND MA
ENGINEER

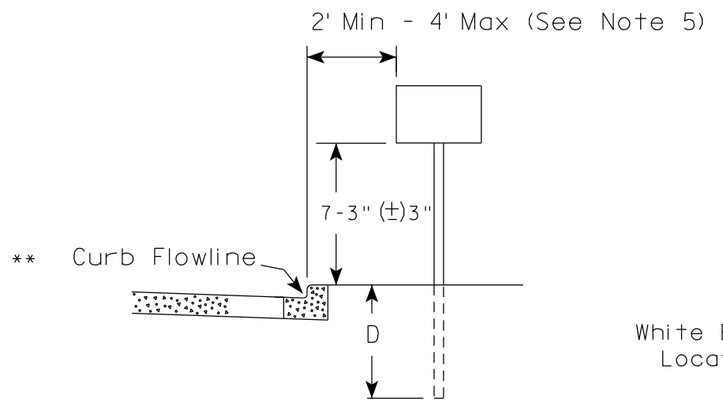
FHWA

SDD 16A01 - 07

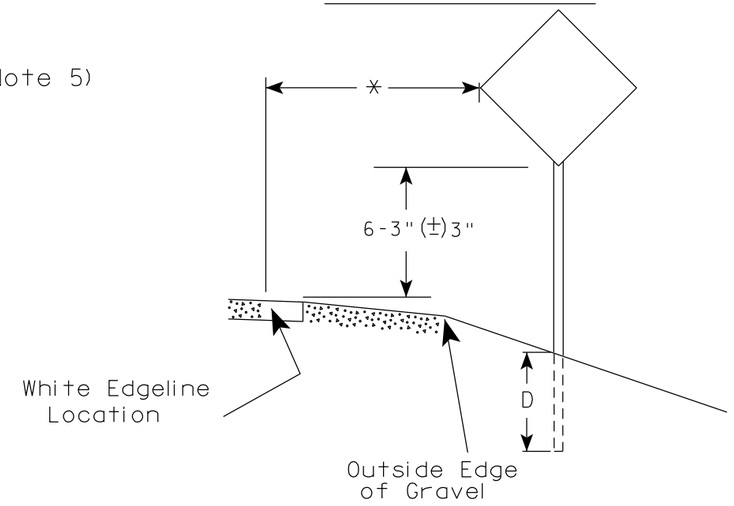
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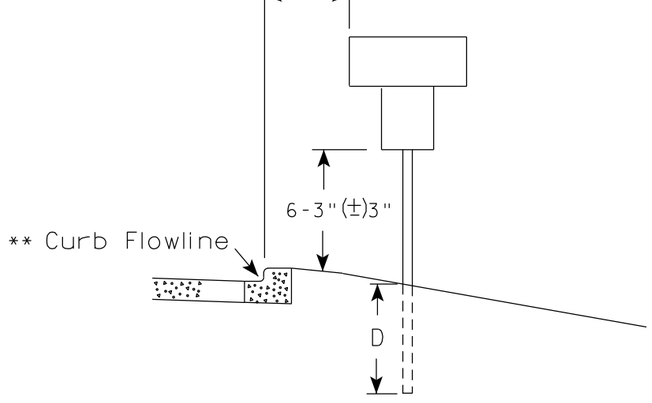
SDD 16A01 - 07

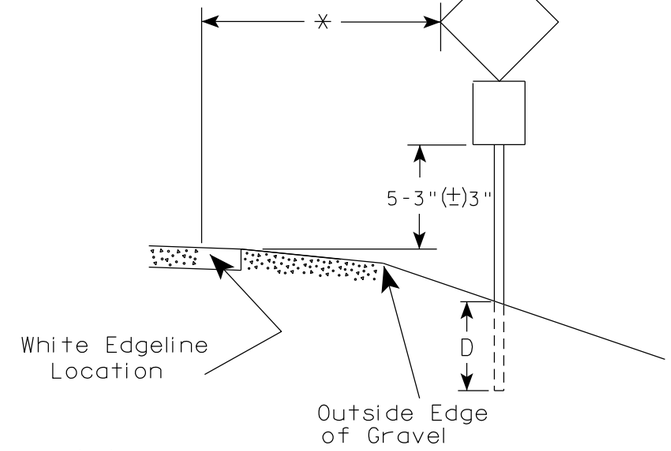
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

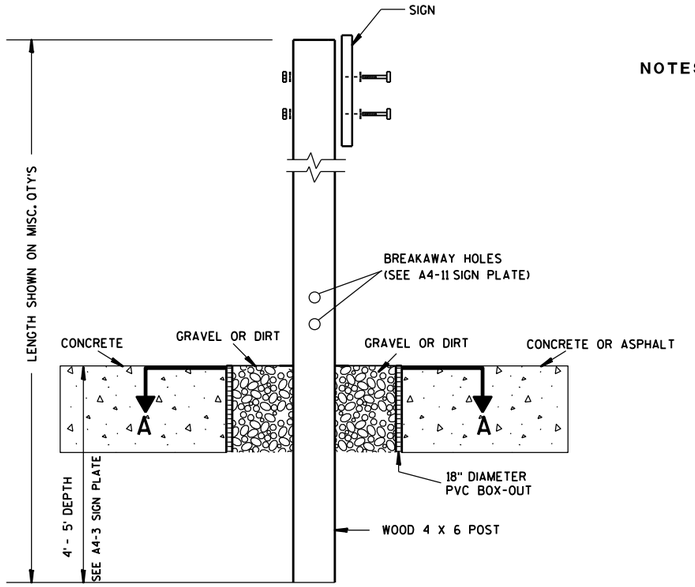
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

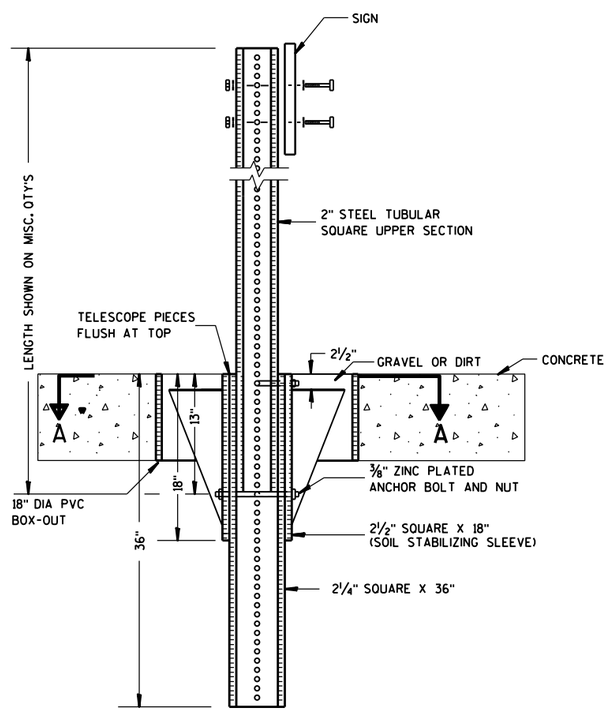
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 127	E



ELEVATION VIEW

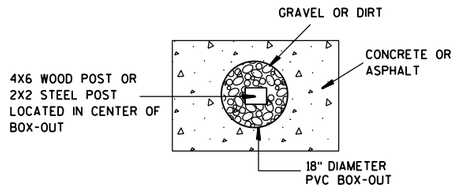
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

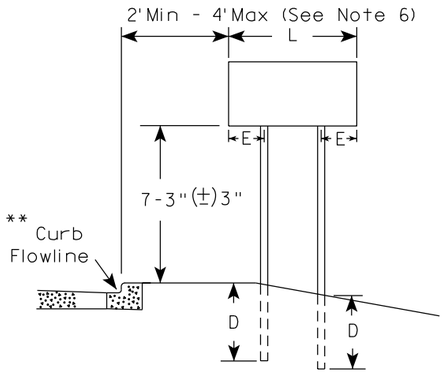
APPROVED Matthew R Rauch
for State Traffic Engineer

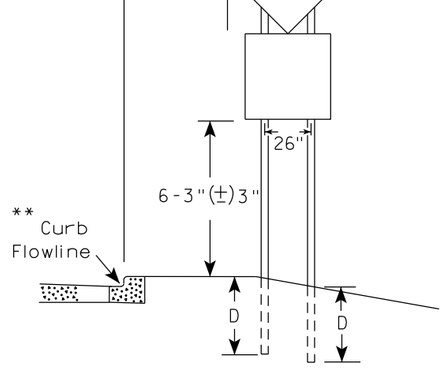
DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

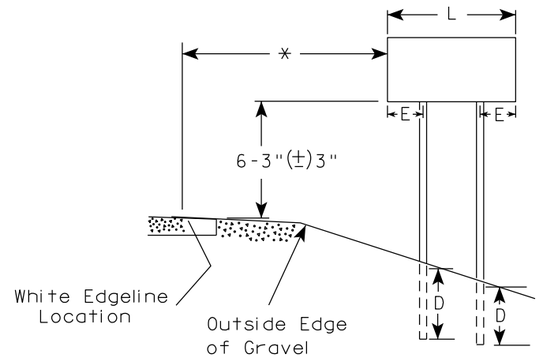
URBAN AREA

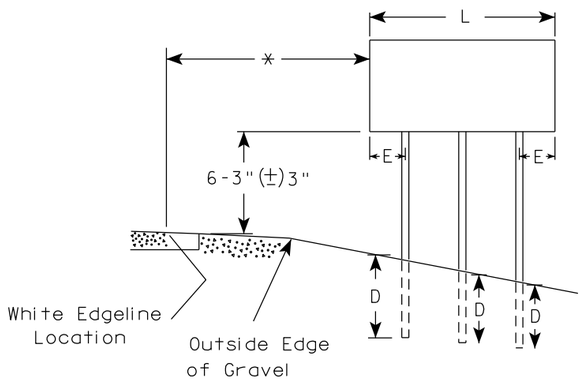


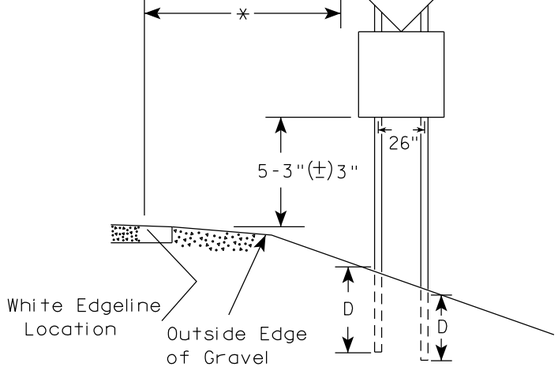


48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

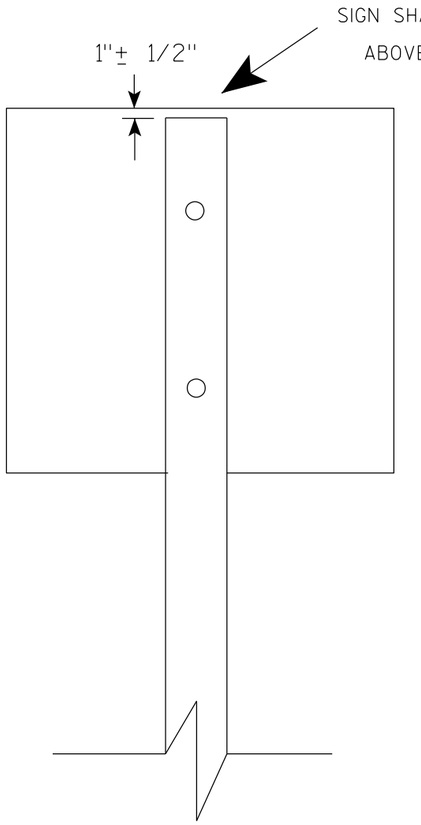
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

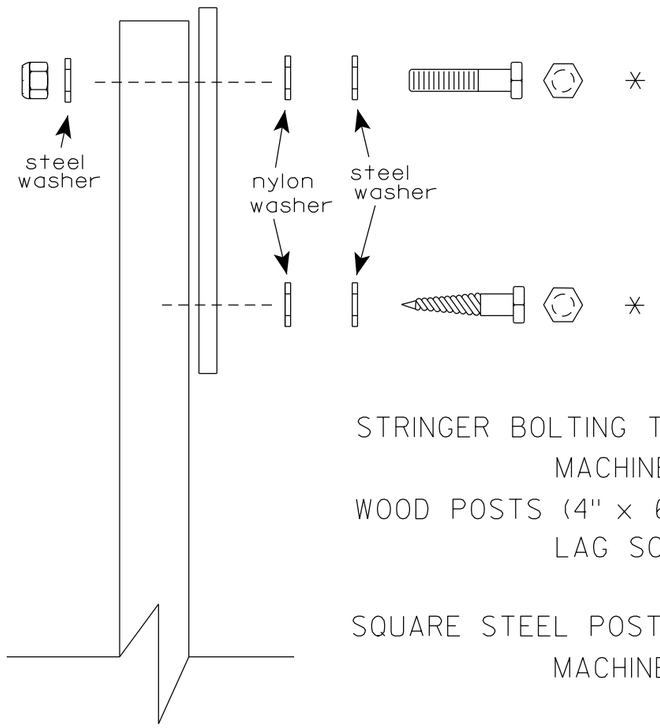
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 129	E





Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

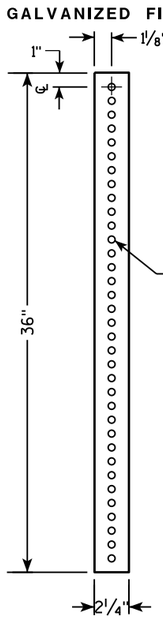
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

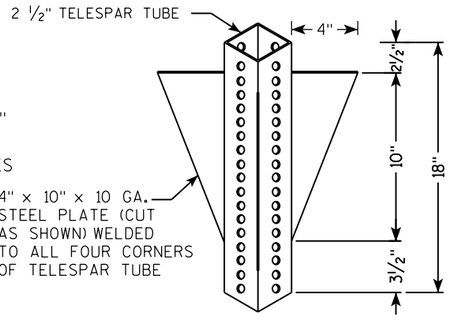
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

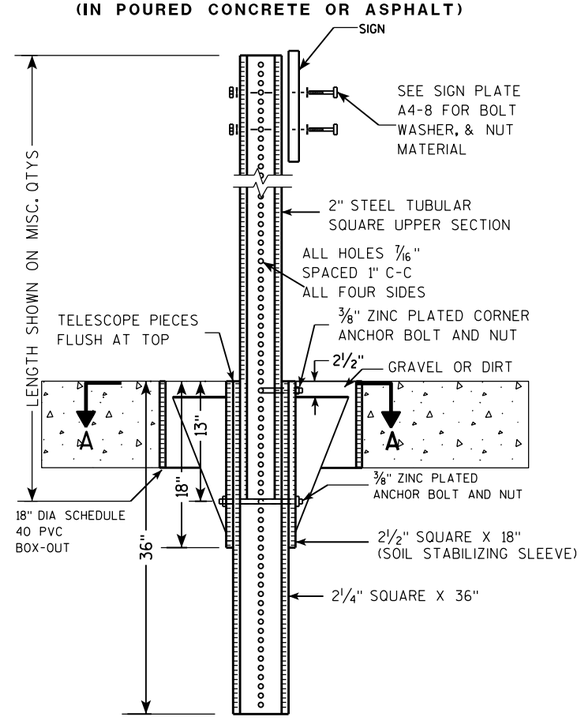
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



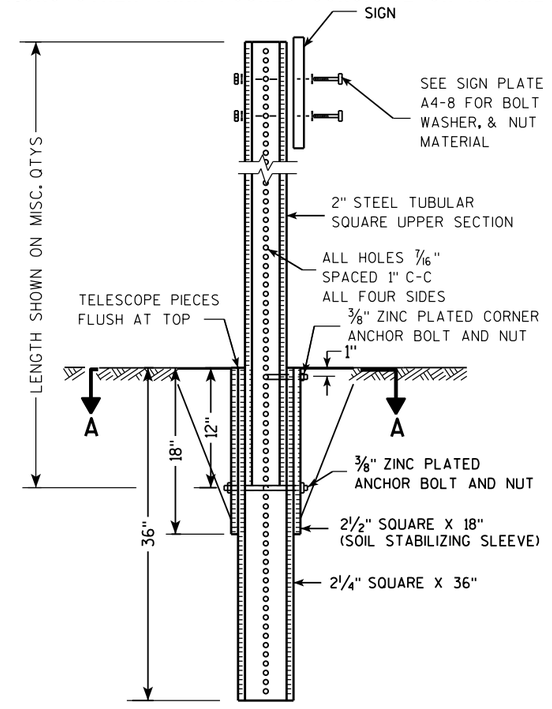
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

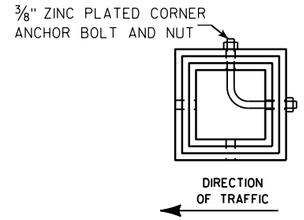


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

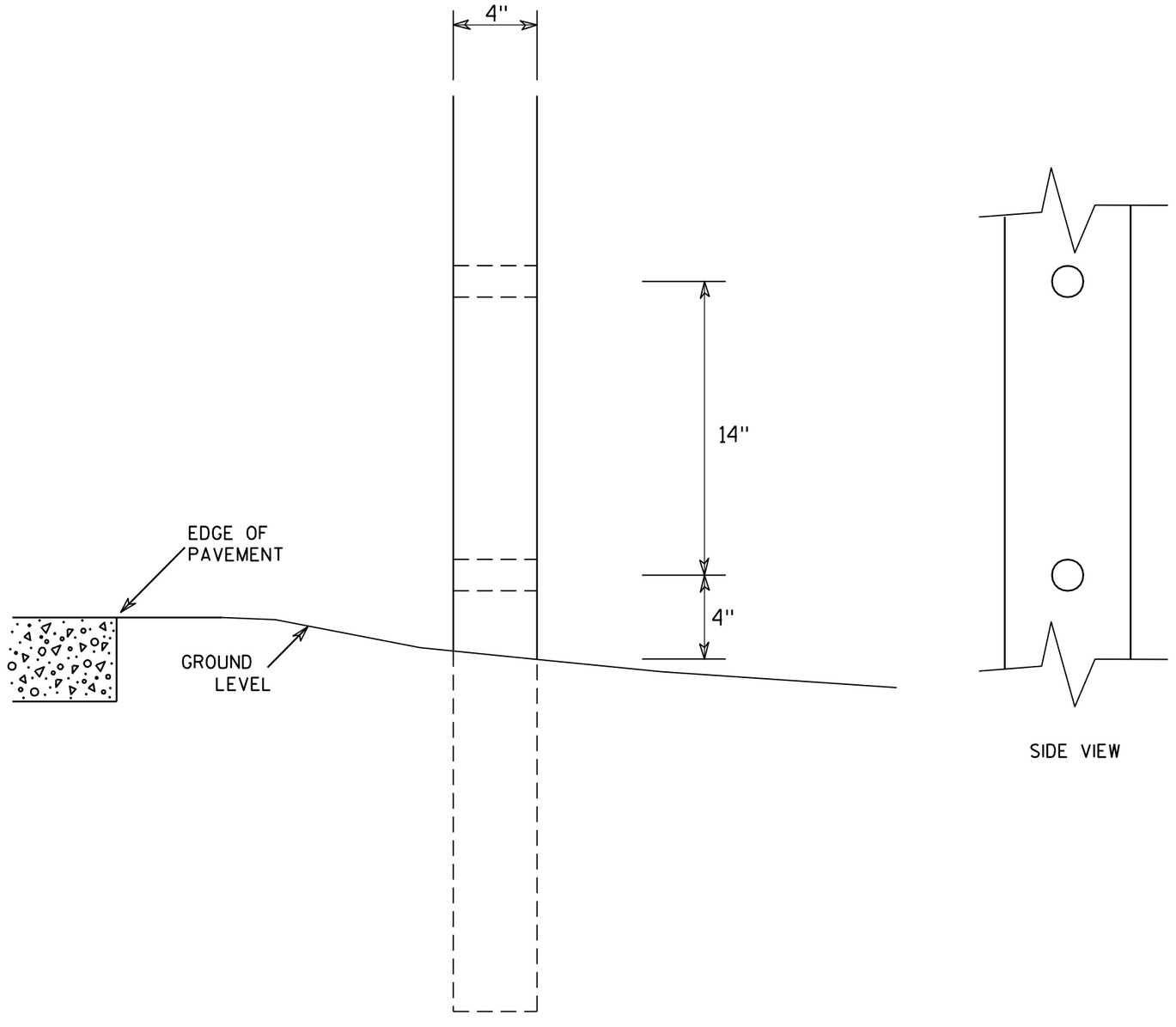
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

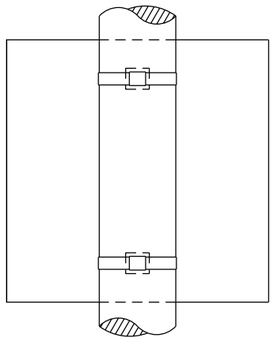
APPROVED Chester J Spang
for State Traffic Engineer

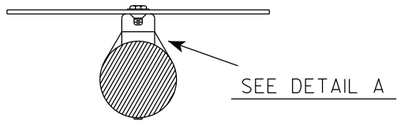
DATE 3/27/97 PLATE NO. A4-11.2

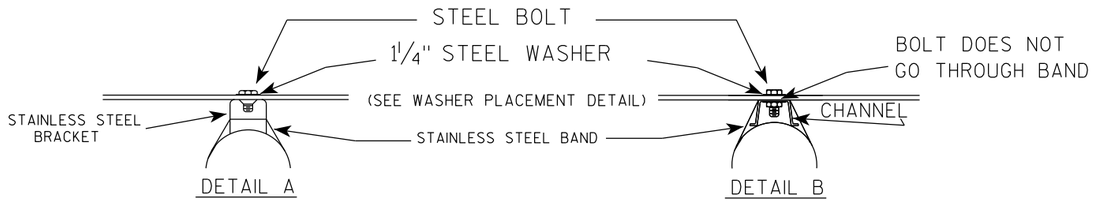
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 132	E

BANDING

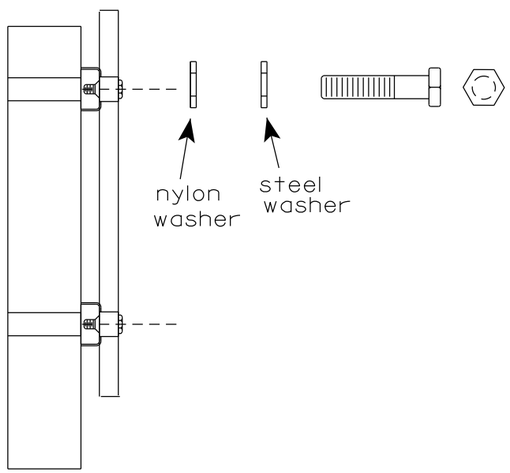
SINGLE SIGN







WASHER PLACEMENT

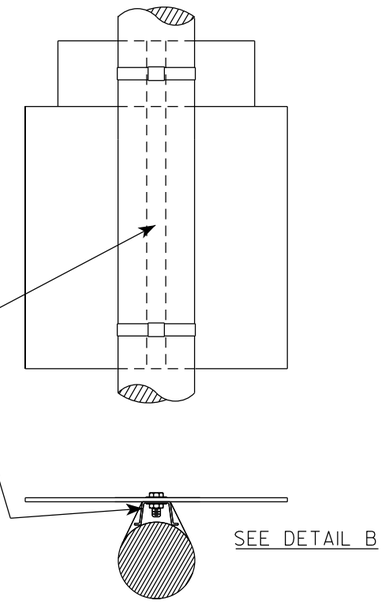


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

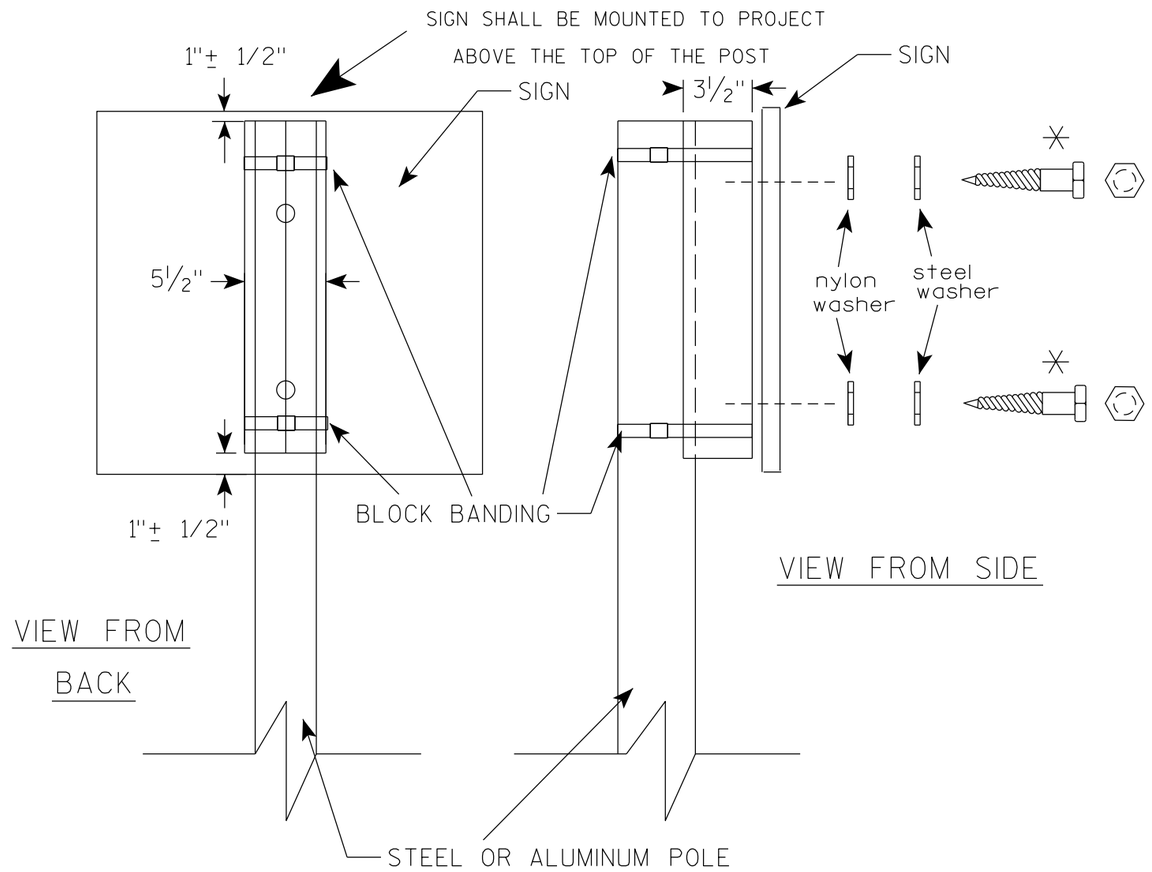
DATE 6/10/19 PLATE NO. A5-9.4

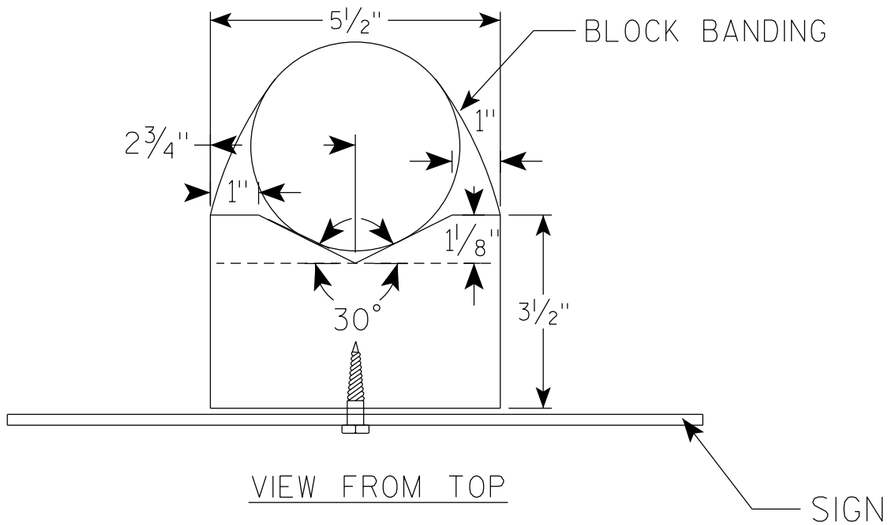
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 133	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

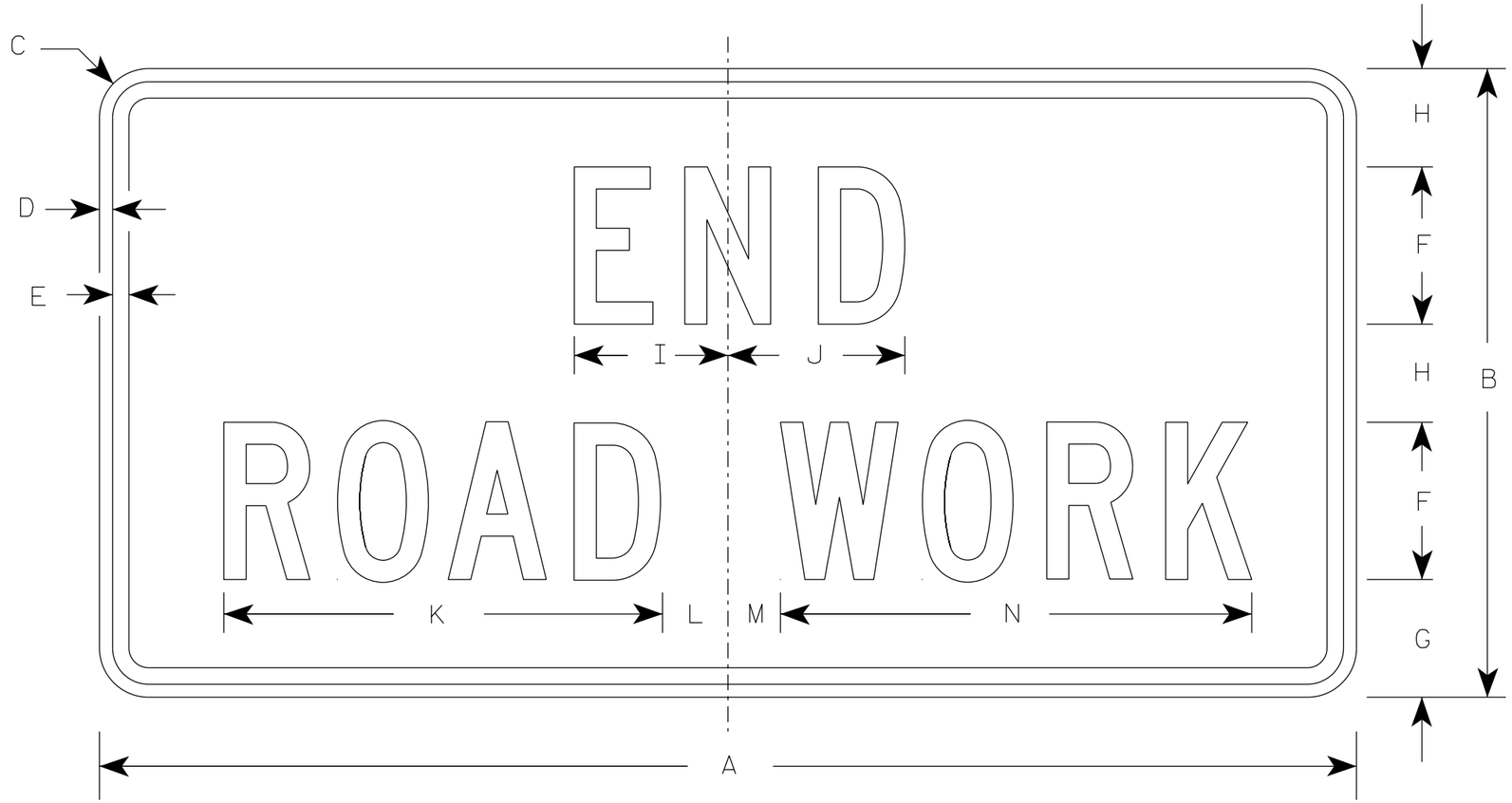
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 134 E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

G20-2A

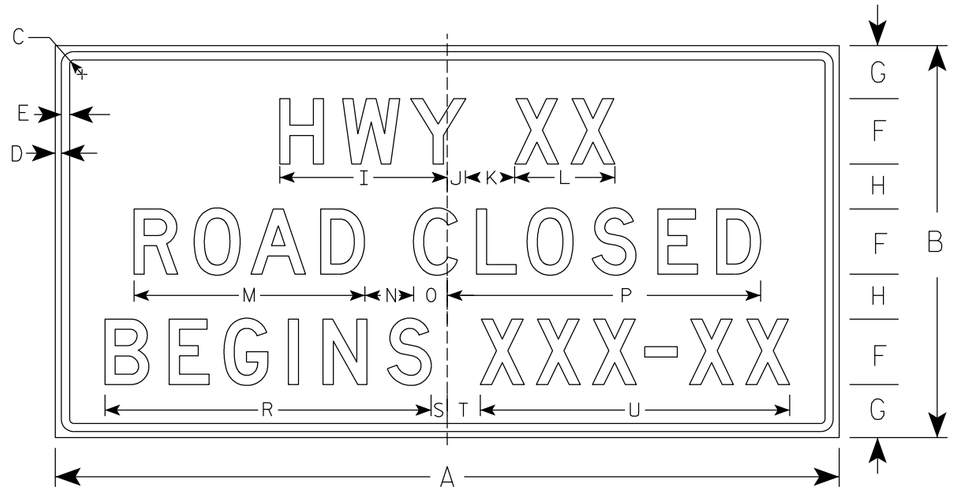
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

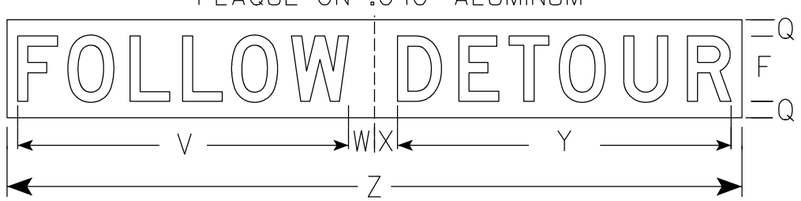
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\G202A.dgn PLOT DATE : 26-JAN 2023 8:27 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



G20-57C

PLAQUE ON .040" ALUMINUM



USE ONLY ONCE WHEN ROAD IS CLOSED

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Substitute appropriate numeral and adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3	72	36	1 1/8	1/2	5/8	6	5	4	15 5/8	1 5/8	5	9 1/4	21 1/8	5	2 7/8	29	2	30	1 3/4	3 1/4	28 3/8	40 1/2	2	2	29 3/4	66	18.0
4	96	48	2 1/4	3/4	1	8	6 1/2	5 1/2	20 5/8	2 1/4	6	12 1/4	28 1/4	6	4 1/8	38 3/8	2	39 7/8	2	4	37 7/8	29 3/4	3 1/8	2 7/8	40 7/8	90	32.0
5																											

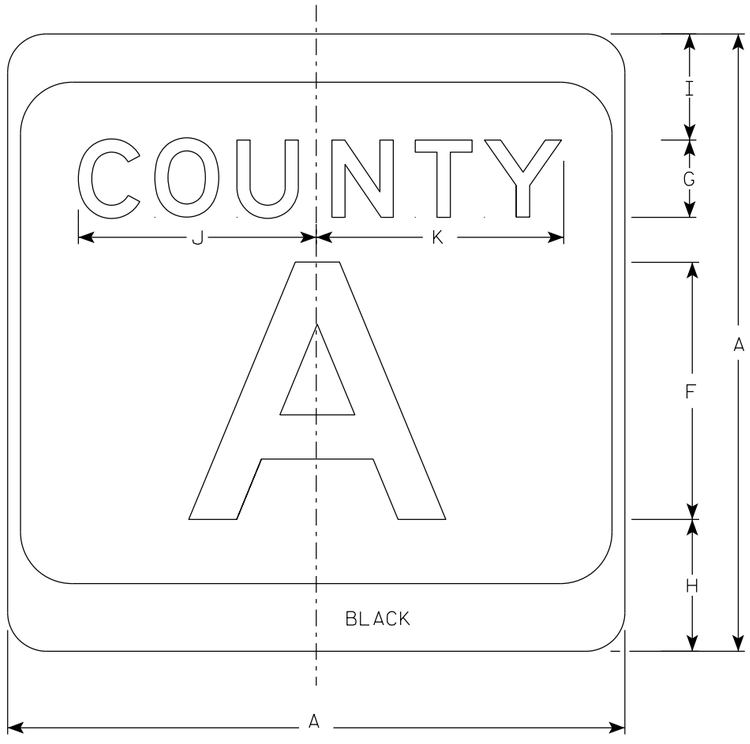
STANDARD SIGN
G20-57C

WISCONSIN DEPT OF TRANSPORTATION

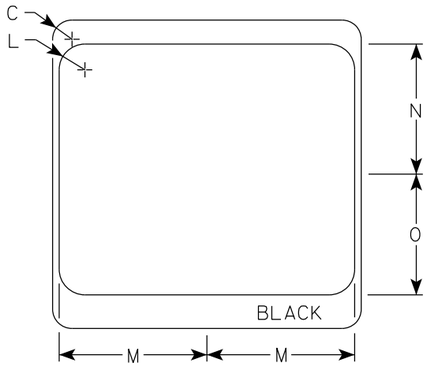
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/25/19 PLATE NO. G20-57C.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 136 E

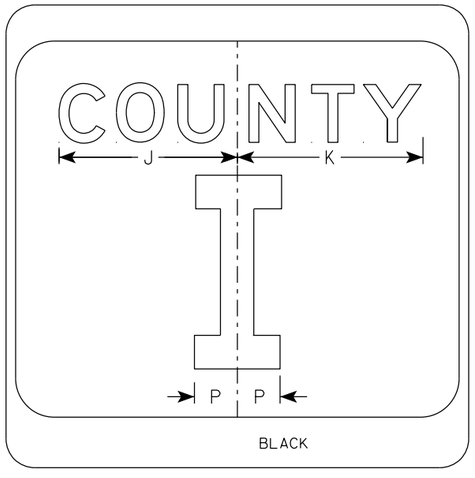


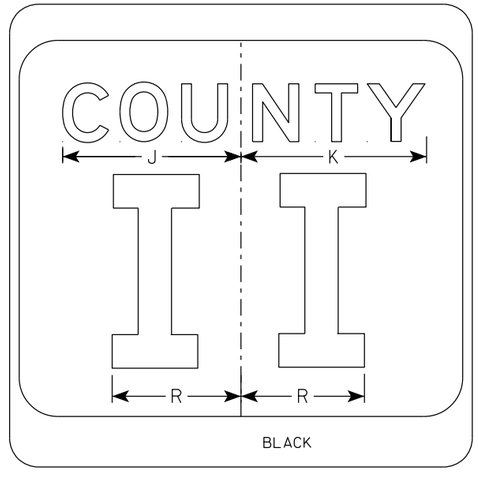
M1-5A



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White & Black
   Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
5. Substitute appropriate letters & optically center to achieve proper balance.





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-5A.9

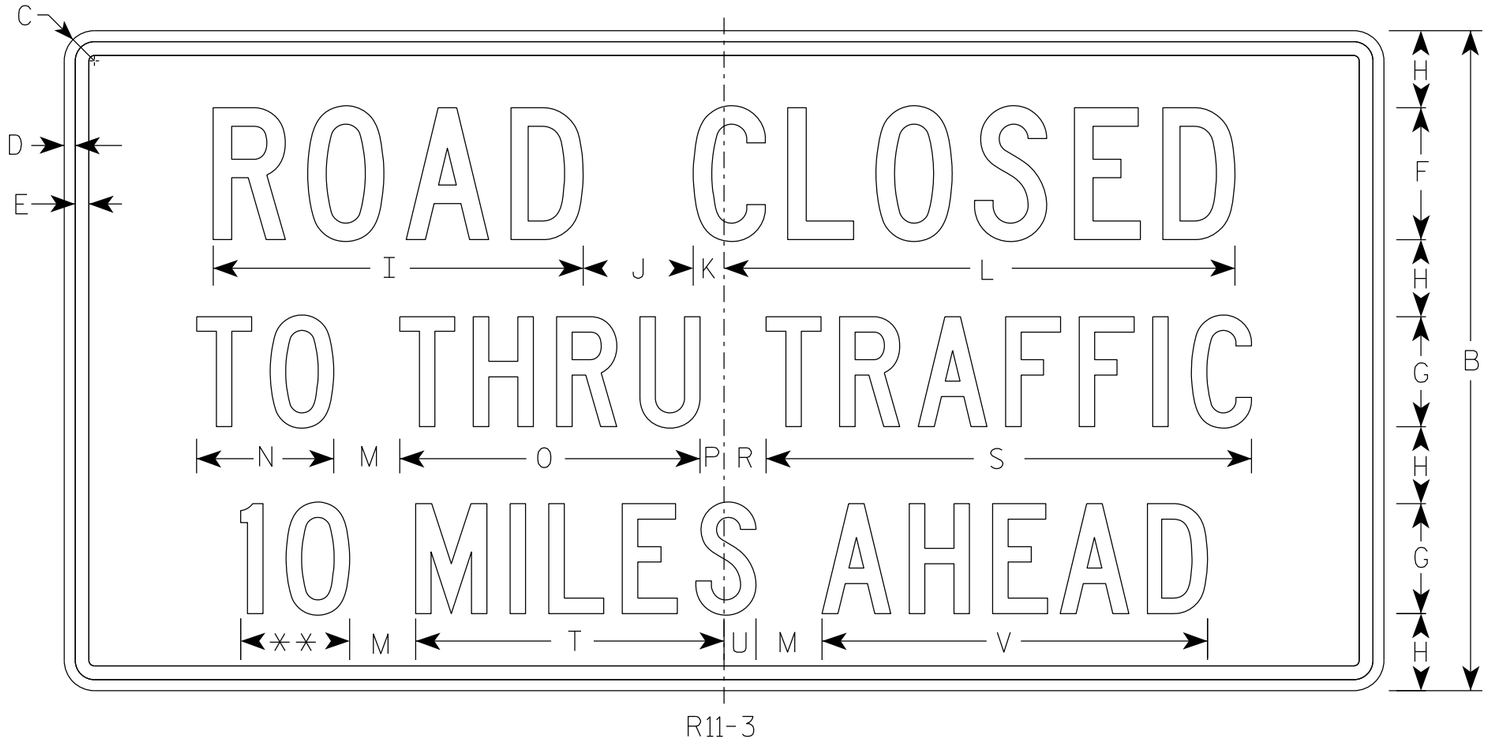
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

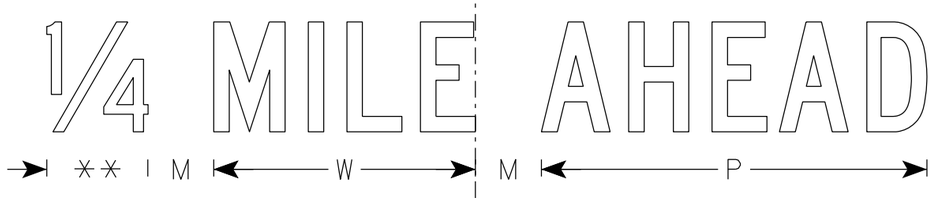
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

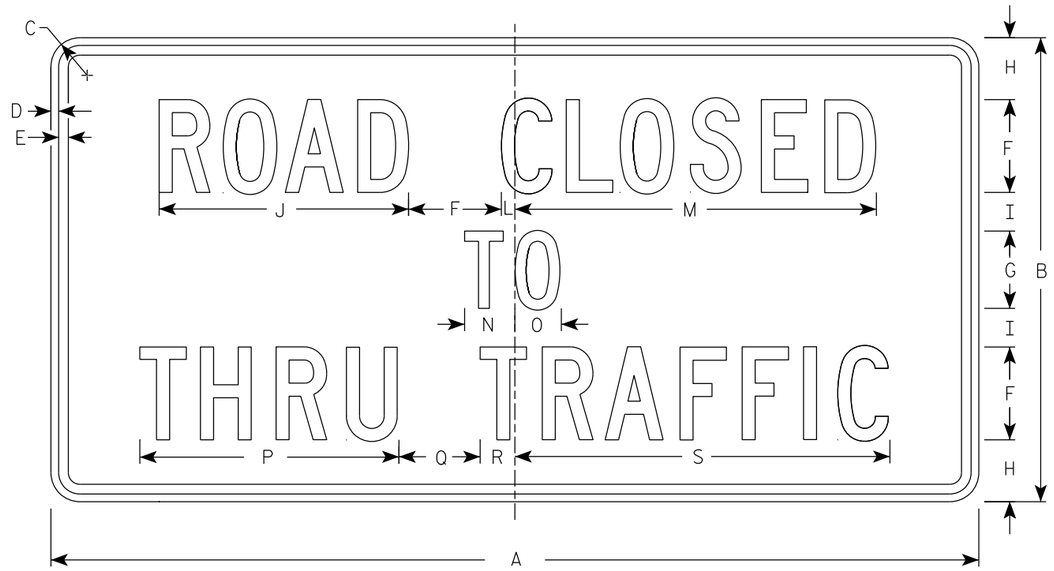
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 138 E



R11-4

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

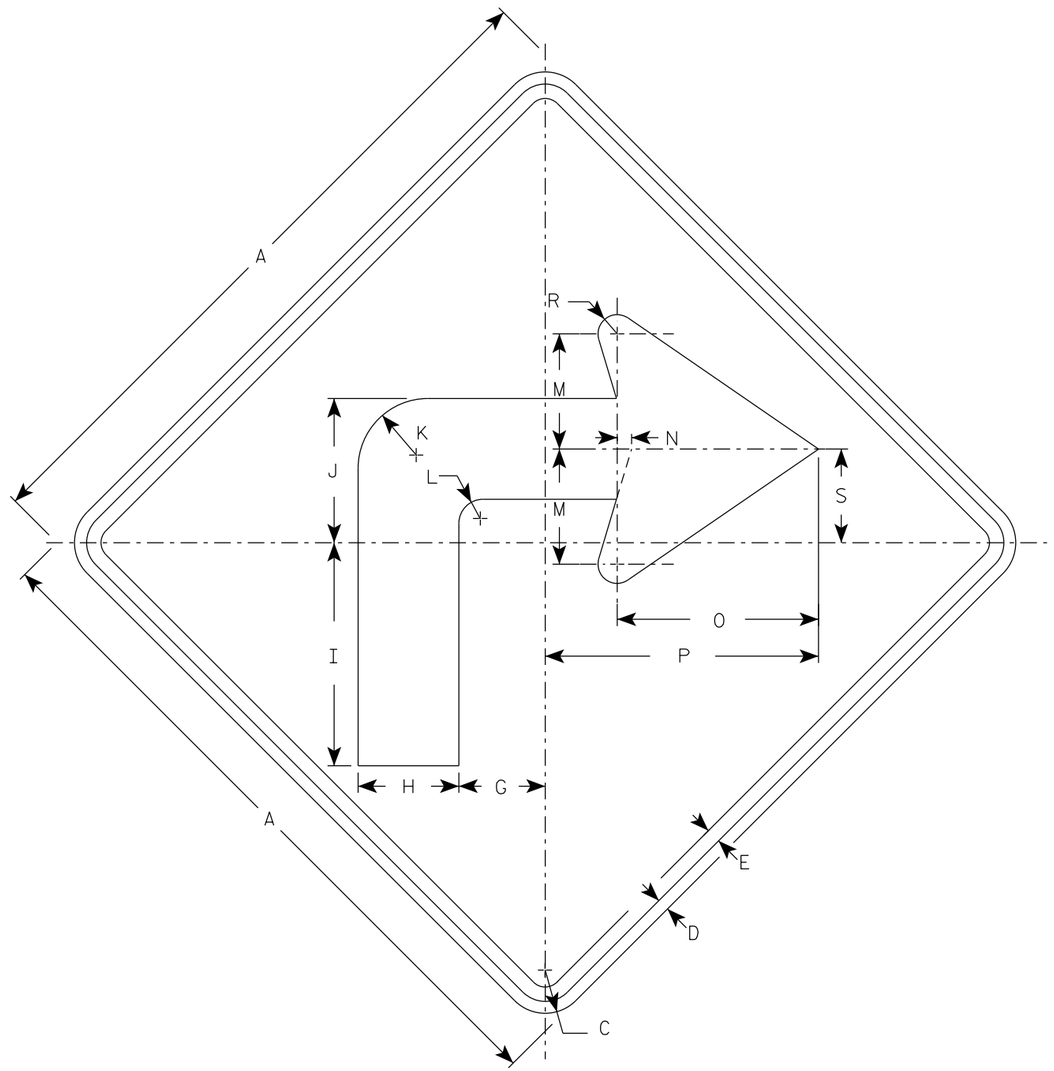
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 139 | E



W1-1R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-1L is the same as W1-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2		3	3 1/2	7 3/4	5	2 1/2	7/8	4	1/2	7	9 1/2		5/8	3 1/4								4.0
2S	36		2 1/4	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
2M	36		2 1/4	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
3	36		2 1/4	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
4	48		3	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0
5	48		3	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0

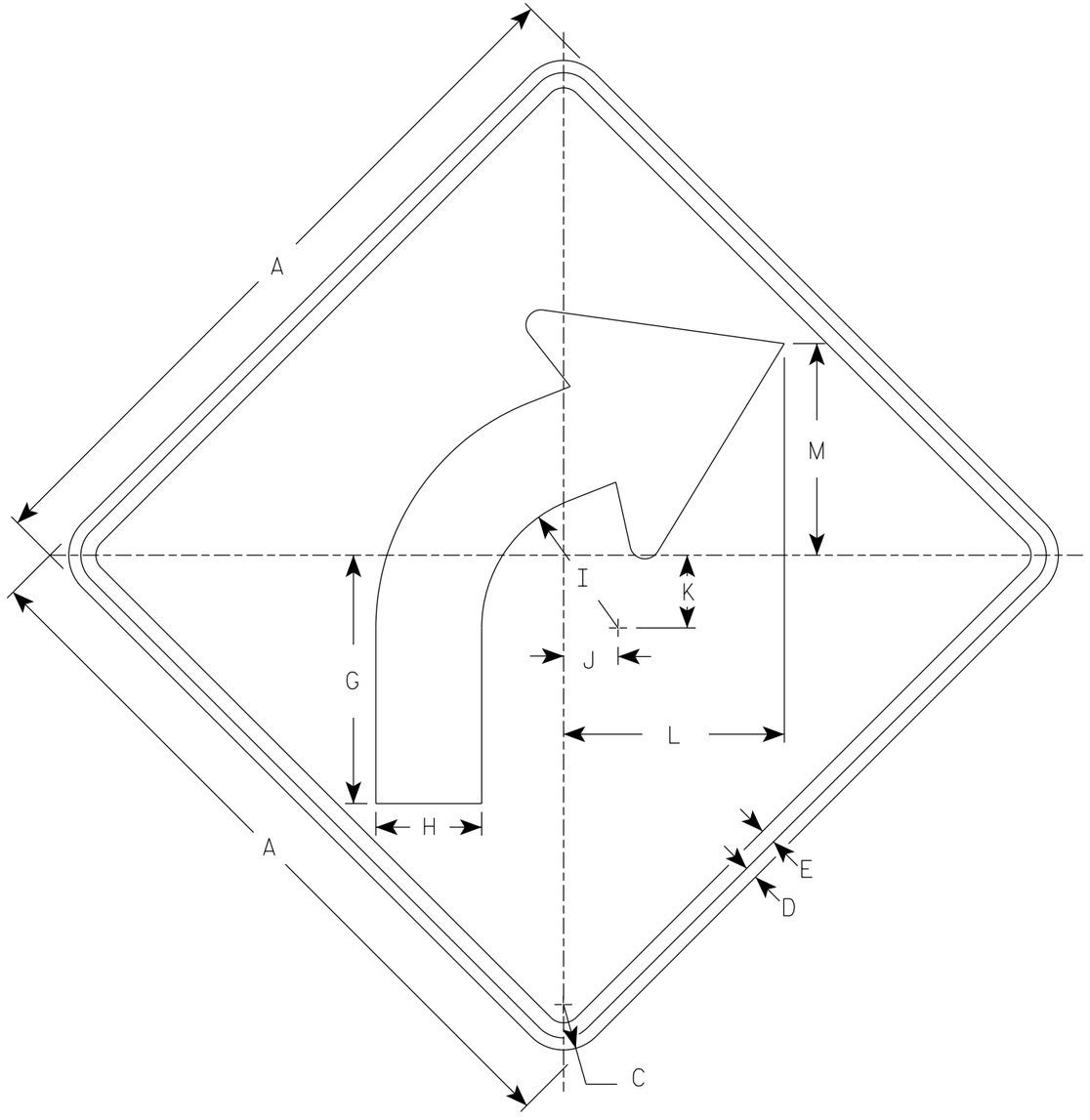
STANDARD SIGN
W1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/22/2023 PLATE NO. W1-1.12

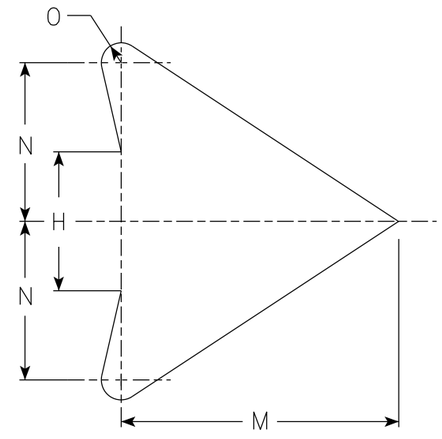
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W1-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 7/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		3	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

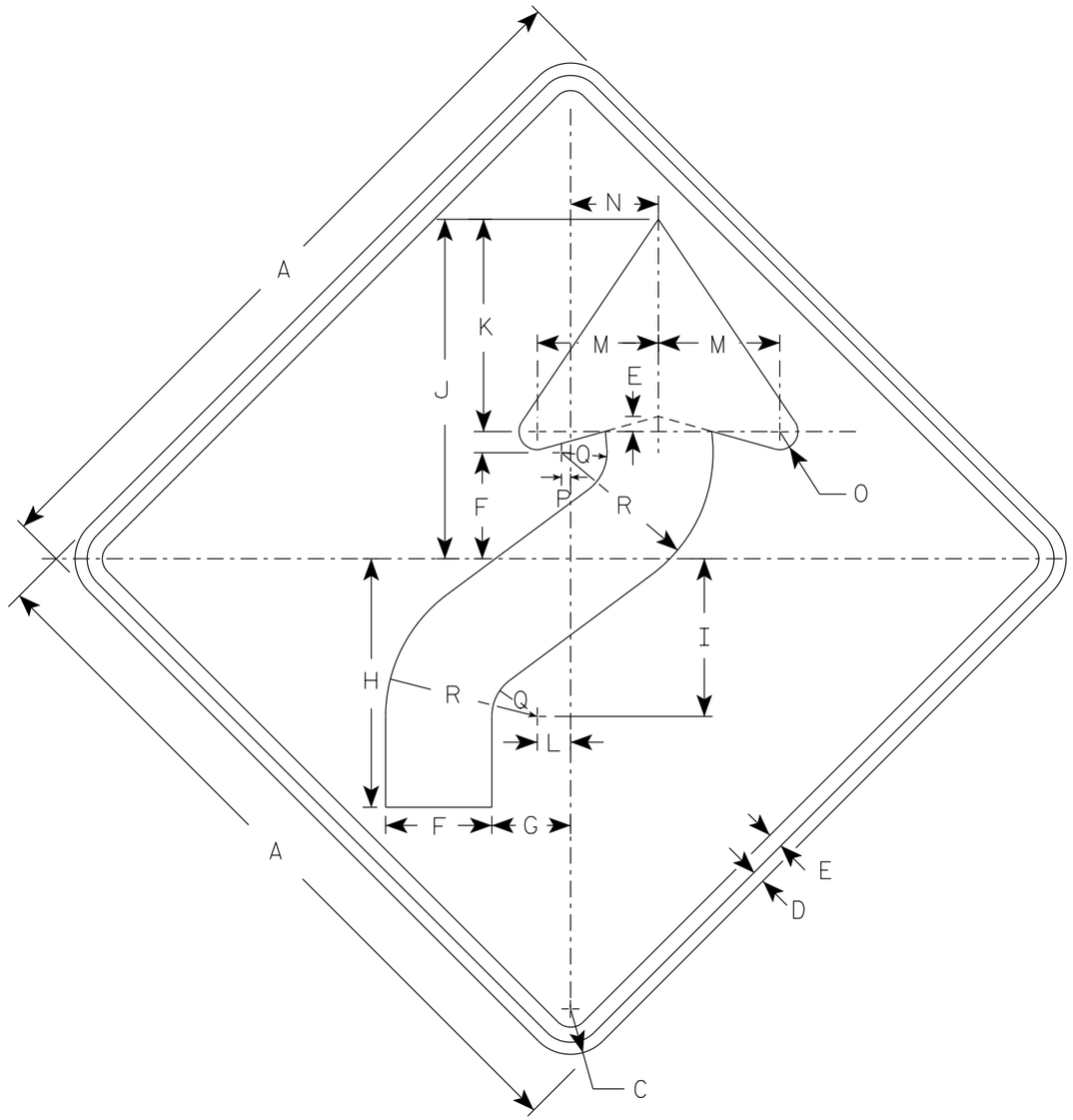
STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/2023 PLATE NO. W1-2.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 141	E



W1-4R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-4L is the same as W1-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	3 1/2	2 5/8	8 1/4	5 1/4	11 1/4	7	1 1/8	4	3	5/8	1/4	1 1/2	5									4.0
2S	30		1 7/8	1/2	5/8	4 3/8	3 1/4	10 1/4	6 1/2	14	8 3/4	1 3/8	5	3 5/8	3/4	3/8	1 7/8	6 1/4									6.25
2M	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
3	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
4	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
5	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

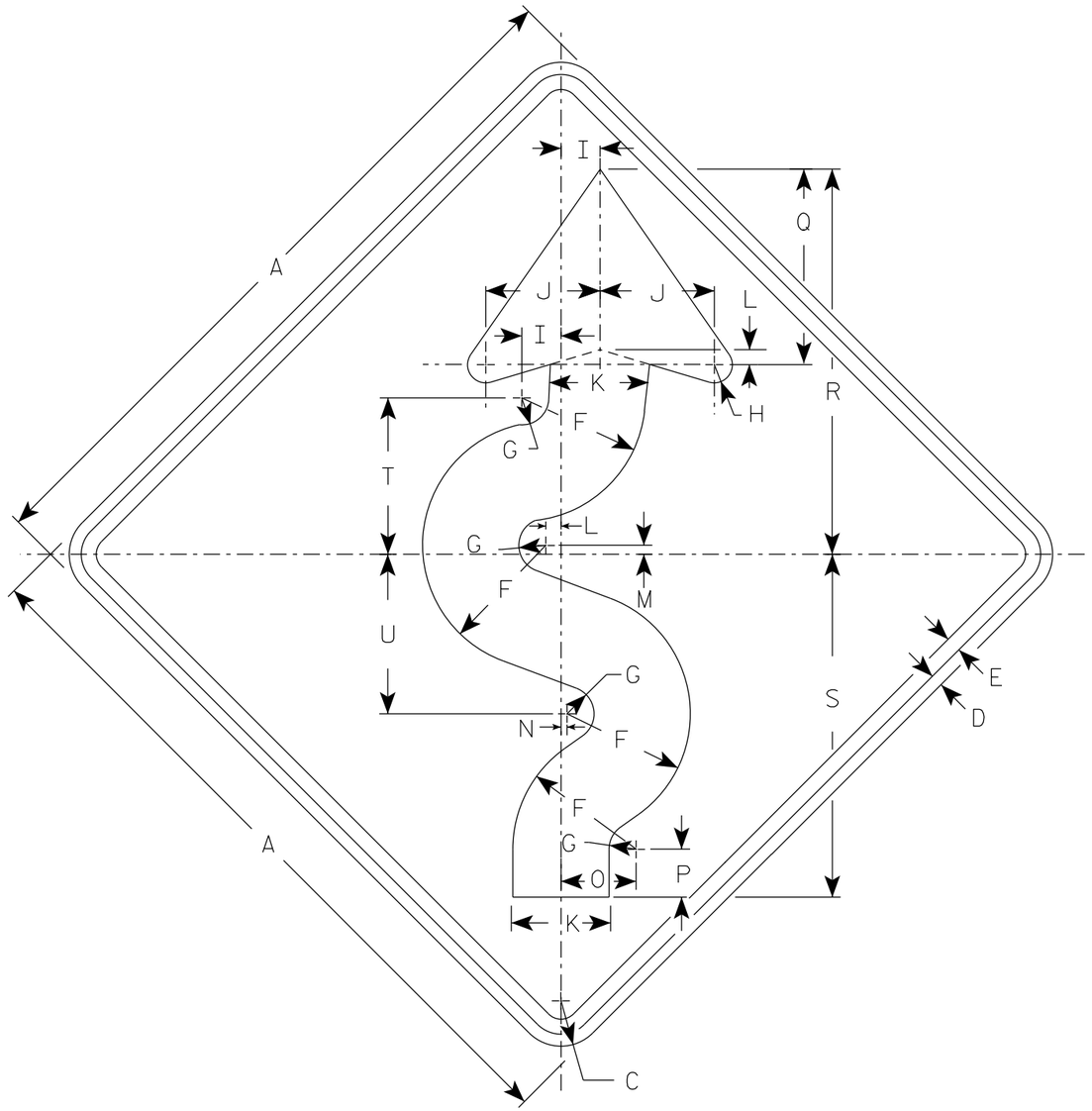
STANDARD SIGN
W1-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/23/2023 PLATE NO. W1-4.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: E



W1-5R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-5L is the same as W1-5R except the arrow is reversed along the vertical centerline.
4. If used with W13-1 of 30 MPH or less, use 36" sign for Size 2S.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	4 1/8	7/8	5/8	1 1/4	3 3/4	3 1/4	1/2	1/4	1/8	2 1/2	1 5/8	6 1/2	12 3/4	11 3/8	5 1/4	5 1/4						4.0
2S	30		1 7/8	1/2	5/8	5 1/8	1 1/8	3/4	1 5/8	4 3/4	4 1/8	5/8	3/8	1/4	3 1/8	2	8 1/8	16	14 1/4	6 1/2	6 5/8						6.25
2M	36		2 1/4	5/8	3/4	6 1/4	1 3/8	1	1 7/8	5 5/8	4 7/8	3/4	3/8	1/4	3 3/4	2 7/8	9 3/4	19 1/8	17 1/8	7 3/4	7 7/8						9.0
3	36		2 1/4	5/8	3/4	6 1/4	1 3/8	1	1 7/8	5 5/8	4 7/8	3/4	3/8	1/4	3 3/4	2 7/8	9 3/4	19 1/8	17 1/8	7 3/4	7 7/8						9.0
4	36		2 1/4	5/8	3/4	6 1/4	1 3/8	1	1 7/8	5 5/8	4 7/8	3/4	3/8	1/4	3 3/4	2 7/8	9 3/4	19 1/8	17 1/8	7 3/4	7 7/8						9.0
5	48		3	3/4	1	8 1/4	1 3/4	1 1/4	2 1/2	7 1/2	6 1/2	1	1/2	3/8	5	3 1/4	13	25 1/2	22 3/4	10 3/8	10 1/2						16.0

STANDARD SIGN
W1-5

WISCONSIN DEPT OF TRANSPORTATION

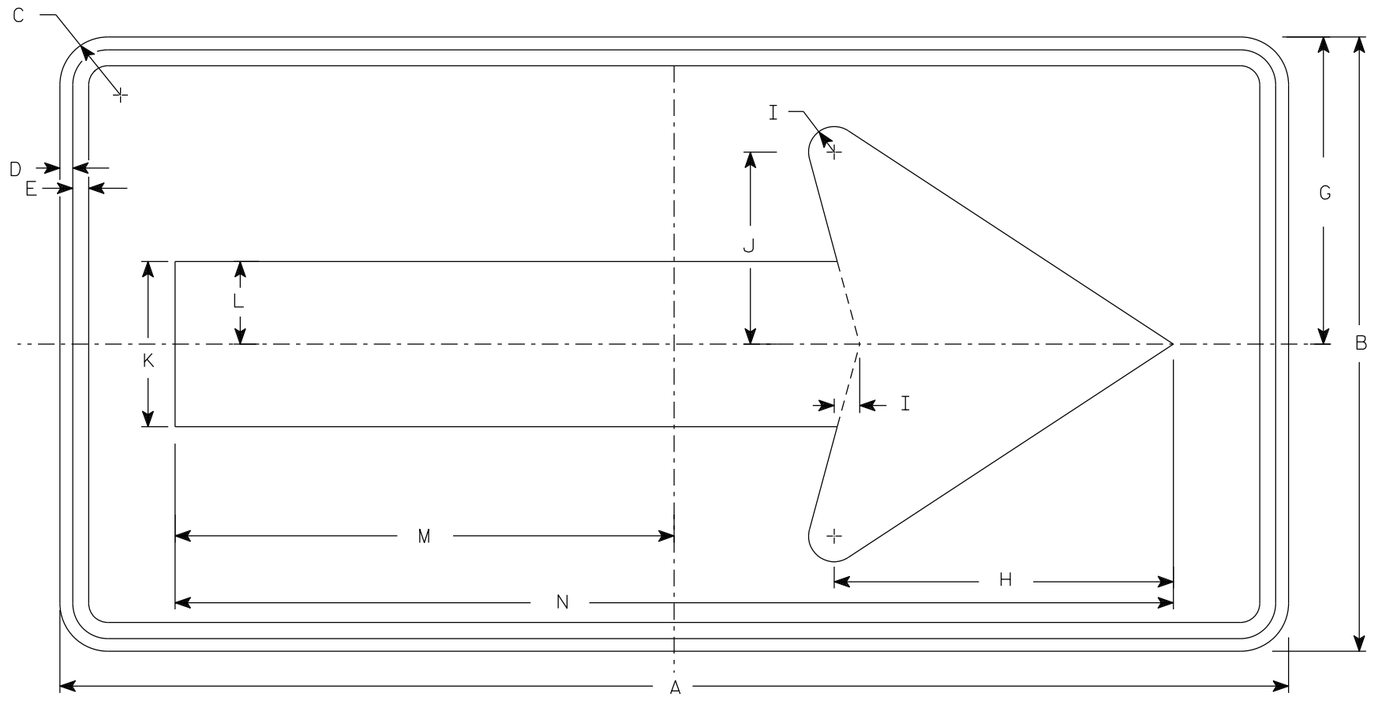
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/11/2023 PLATE NO. W1-5.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 143 E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



W1-6

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8		9	10	3/4	5 5/8	4 3/4	2 3/8	14 5/8	29 1/4													4.5
2S	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	96	48	3	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0

STANDARD SIGN

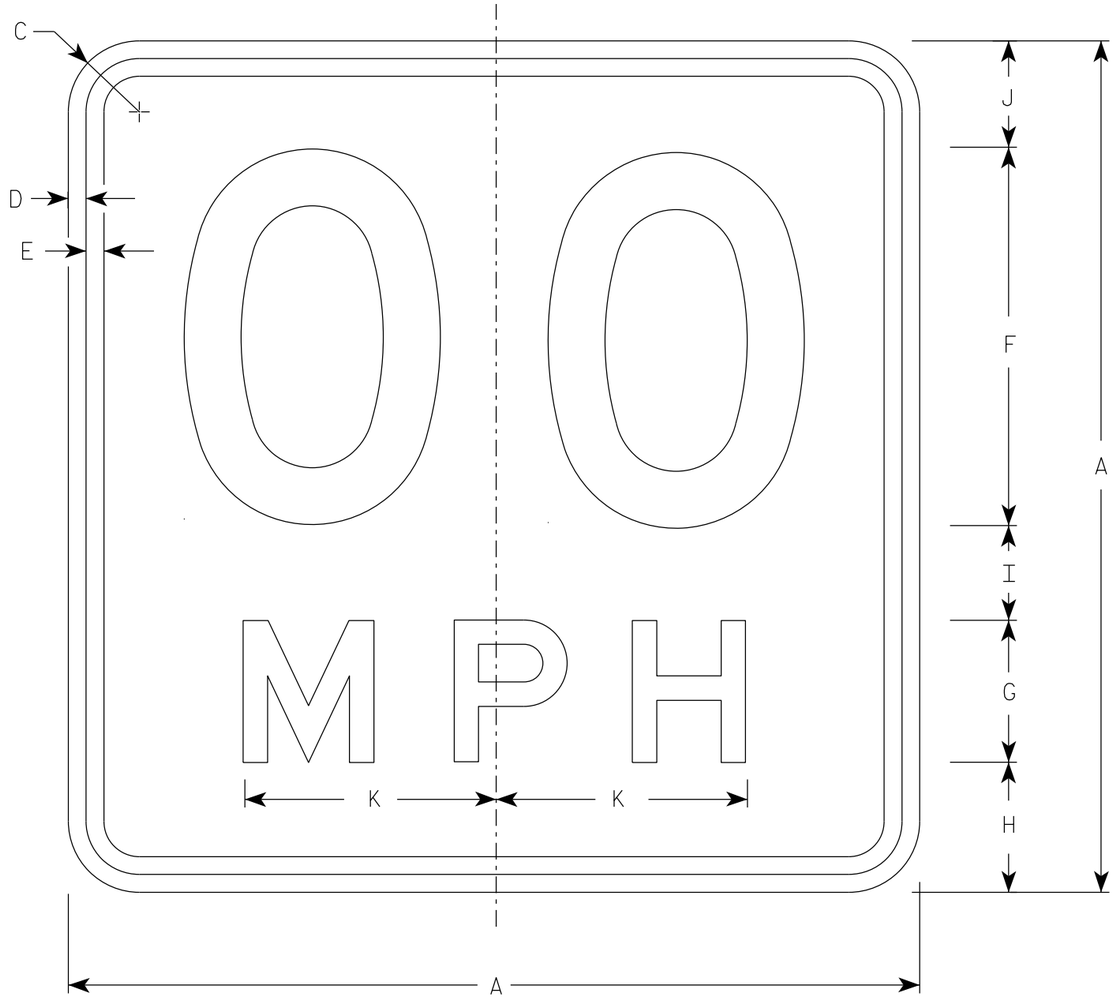
W1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/13/2023 PLATE NO. W1-6.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W13-1

* For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 signs.

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See Note 5
4. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
5. Line 1 is Series D
   Line 2 is Series E

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2S	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2M	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
	3	24		1 1/2	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
	4	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
	5	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

STANDARD SIGN
W13-1

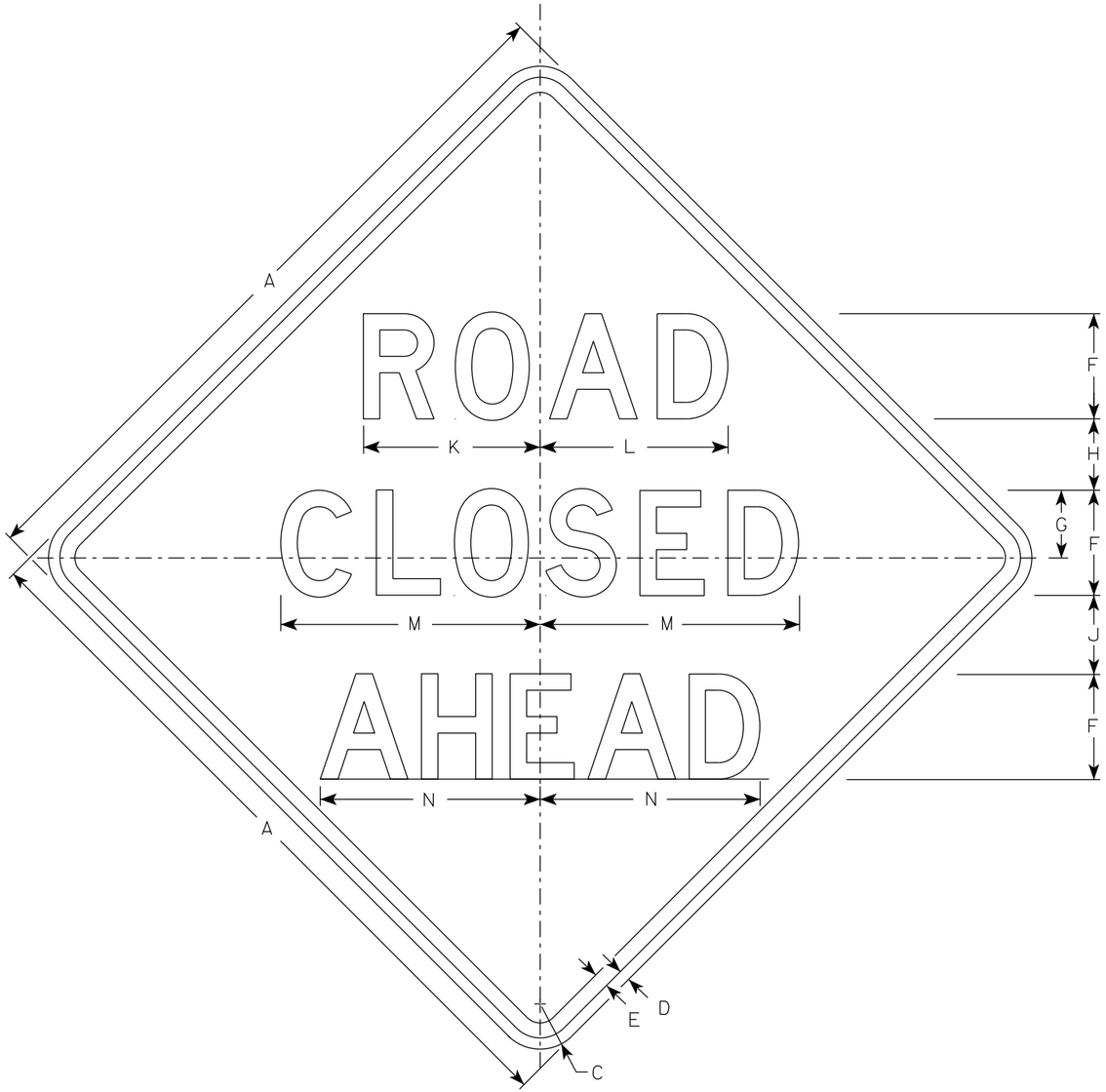
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

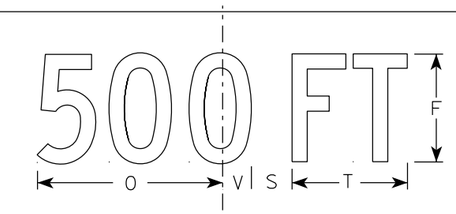
DATE 1/8/2024 PLATE NO. W13-1.17

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

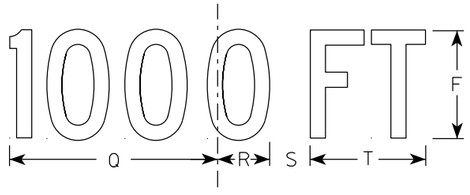
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W131.dgn PLOT DATE : 8-Jan 2024 11:07 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



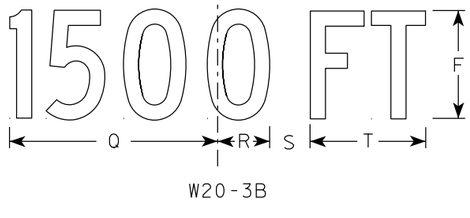
W20-3A



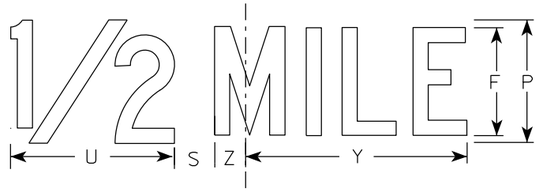
W20-3D



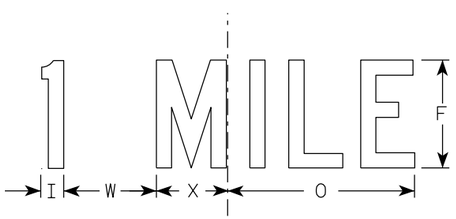
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

7

EARTHWORK - MAINLINE

STATION	DISTANCE (LF)	AREA (SF)			INCREMENTAL VOLUME (CY)				CUMULATIVE VOLUME (CY)				
		CUT	S.E. CORRECTION (B.A.D.)	FILL	CUT NOTE 1	S.E. CORRECTION (B.A.D.) NOTE 2	FILL NOTE 3	FILL (1.25) NOTE 4	CUT (1.00) NOTE 1	SUPER CORRECTION B.A.D. NOTE 2	FILL NOTE 3	FILL (1.25) NOTE 4	MASS ORDINATE NOTE 5
00+12	0	0	0	0	0	0	0	0	0	0	0	0	0
01+00	88	34	0	0	55	0	0	0	55	0	0	0	55
02+00	100	36	0	33	130	0	61	76	185	0	61	76	109
03+00	100	38	0	3	137	0	67	84	322	0	128	160	162
03+30	30	29	0	3	37	0	3	4	359	0	131	164	195
03+75	0	40	0	6	0	0	0	0	359	0	131	164	195
04+00	25	40	0	6	37	0	6	8	396	0	137	172	224
05+00	100	44	0	11	156	0	31	39	552	0	168	211	341
06+00	100	41	0	0	157	0	20	25	709	0	188	236	473
07+00	100	37	0	0	144	0	0	0	853	0	188	236	617
08+00	100	39	0	0	141	0	0	0	994	0	188	236	758
09+00	100	31	0	1	130	0	2	3	1,124	0	190	239	885
10+00	100	36	0	1	124	0	4	5	1,248	0	194	244	1,004
11+00	100	39	0	0	139	0	2	3	1,387	0	196	247	1,140
12+00	100	37	0	2	141	0	4	5	1,528	0	200	252	1,276
13+00	100	40	0	1	143	0	6	8	1,671	0	206	260	1,411
14+00	100	31	0	5	131	0	11	14	1,802	0	217	274	1,528
15+00	100	28	0	8	109	0	24	30	1,911	0	241	304	1,607
16+00	100	31	0	1	109	0	17	21	2,020	0	258	325	1,695
17+00	100	33	0	1	119	0	4	5	2,139	0	262	330	1,809
18+00	100	34	0	7	124	0	15	19	2,263	0	277	349	1,914
19+00	100	28	0	11	115	0	33	41	2,378	0	310	390	1,988
20+00	100	27	0	10	102	0	39	49	2,480	0	349	439	2,041
21+00	100	27	0	6	100	0	30	38	2,580	0	379	477	2,103
22+00	100	28	0	3	102	0	17	21	2,682	0	396	498	2,184
23+00	100	30	0	2	107	0	9	11	2,789	0	405	509	2,280
24+00	100	34	0	1	119	0	6	8	2,908	0	411	517	2,391
25+00	100	29	0	4	117	0	9	11	3,025	0	420	528	2,497
26+00	100	25	0	12	100	0	30	38	3,125	0	450	566	2,559
27+00	100	31	0	13	104	0	46	58	3,229	0	496	624	2,605
28+00	100	27	0	21	107	0	63	79	3,336	0	559	703	2,633
29+00	100	28	0	20	102	0	76	95	3,438	0	635	798	2,640
30+00	100	31	0	17	109	0	69	86	3,547	0	704	884	2,663
31+00	100	32	0	15	117	0	59	74	3,664	0	763	958	2,706
32+00	100	25	0	11	106	0	48	60	3,770	0	811	1,018	2,752
33+00	100	29	0	26	100	0	69	86	3,870	0	880	1,104	2,766
34+00	100	29	0	35	107	0	113	141	3,977	0	993	1,245	2,732
35+00	100	38	0	28	124	0	117	146	4,101	0	1,110	1,391	2,710
36+00	100	49	0	14	161	0	78	98	4,262	0	1,188	1,489	2,773
37+00	100	51	0	0	185	0	26	33	4,447	0	1,214	1,522	2,925
38+00	100	43	0	8	174	0	15	19	4,621	0	1,229	1,541	3,080
39+00	100	39	0	12	152	0	37	46	4,773	0	1,266	1,587	3,186
40+00	100	36	0	0	139	0	22	28	4,912	0	1,288	1,615	3,297
41+00	100	31	0	5	124	0	9	11	5,036	0	1,297	1,626	3,410
42+00	100	44	0	0	139	0	9	11	5,175	0	1,306	1,637	3,538
43+00	100	47	0	0	169	0	0	0	5,344	0	1,306	1,637	3,707
44+00	100	47	0	0	174	0	0	0	5,518	0	1,306	1,637	3,881
45+00	100	49	0	0	178	0	0	0	5,696	0	1,306	1,637	4,059
46+00	100	46	0	0	176	0	0	0	5,872	0	1,306	1,637	4,235
47+00	100	32	0	0	144	0	0	0	6,016	0	1,306	1,637	4,379
48+00	100	31	0	0	117	0	0	0	6,133	0	1,306	1,637	4,496
49+00	100	21	0	0	96	0	0	0	6,229	0	1,306	1,637	4,592

STATION	DISTANCE (LF)	AREA (SF)			INCREMENTAL VOLUME (CY)				CUMULATIVE VOLUME (CY)				
		CUT	SUPER CORRECTION (B.A.D.)	FILL	CUT NOTE 1	SUPER CORRECTION B.A.D. NOTE 3	FILL NOTE 4	FILL (1.25) NOTE 5	CUT (1.00) NOTE 1	SUPER CORRECTION B.A.D. NOTE 3	FILL NOTE 4	FILL (1.25) NOTE 5	MASS ORDINATE NOTE 6
50+00	100	23	0	1	81	0	2	3	6,310	0	1,308	1,640	4,670
51+00	100	29	0	2	96	0	6	8	6,406	0	1,314	1,648	4,758
52+00	100	35	0	2	119	0	7	9	6,525	0	1,321	1,657	4,868
53+00	100	37	0	5	133	0	13	16	6,658	0	1,334	1,673	4,985
54+00	100	48	0	3	157	0	15	19	6,815	0	1,349	1,692	5,123
55+00	100	62	0	0	204	0	6	8	7,019	0	1,355	1,700	5,319
56+00	100	48	0	0	204	0	0	0	7,223	0	1,355	1,700	5,523
57+00	100	51	0	1	183	0	2	3	7,406	0	1,357	1,703	5,703
58+00	100	45	0	0	178	0	2	3	7,584	0	1,359	1,706	5,878
59+00	100	58	0	0	191	0	0	0	7,775	0	1,359	1,706	6,069
60+00	100	52	0	0	204	0	0	0	7,979	0	1,359	1,706	6,273
61+00	100	48	0	103	185	0	191	239	8,164	0	1,550	1,945	6,219
62+00	100	53	0	0	187	0	191	239	8,351	0	1,741	2,184	6,167
63+00	100	39	0	0	170	0	0	0	8,521	0	1,741	2,184	6,337
64+00	100	33	0	1	133	0	2	3	8,654	0	1,743	2,187	6,467
65+00	100	25	0	0	107	0	2	3	8,761	0	1,745	2,190	6,571
STA. 65+00: BEGIN PULVERIZE & RELAY													
66+00	100	0	0	10	46	0	19	24	8,807	0	1,764	2,214	6,593
67+00	100	4	0	18	7	0	52	65	8,814	0	1,816	2,279	6,535
68+00	100	1	0	16	9	0	63	79	8,823	0	1,879	2,358	6,465
69+00	100	2	2	37	7	4	98	123	8,830	4	1,977	2,481	6,349
70+00	100	2	2	55	7	8	170	213	8,837	12	2,147	2,694	6,143
71+00	100	1	2	111	5	8	307	384	8,842	20	2,454	3,078	5,764
72+00	100	0	2	122	3	8	431	539	8,845	28	2,885	3,617	5,228
73+00	100	1	2	94	2	8	400	500	8,847	36	3,285	4,117	4,730
74+00	100	0	2	93	2	8	346	433	8,849	44	3,631	4,550	4,299
75+00	100	0	2	106	1	8	369	461	8,850	52	4,000	5,011	3,839
76+00	100	1	2	70	2	8	326	408	8,852	60	4,326	5,419	3,433
77+00	100	3	2	176	8	8	456	570	8,860	68	4,782	5,989	2,871
78+00	100	0	2	136	7	8	578	723	8,867	76	5,360	6,712	2,155
79+00	100	2	0	79	4	4	398	498	8,871	80	5,758	7,210	1,661
80+00	100	3	0	63	10	0	263	329	8,881	80	6,021	7,539	1,342
81+00	100	5	0	29	15	0	170	213	8,896	80	6,191	7,752	1,144
82+00	100	8	0	13	23	0	78	98	8,919	80	6,269	7,850	1,069
83+00	100	4	0	74	22	0	161	201	8,941	80	6,430	8,051	890
84+00	100	5	0	31	17	0	194	243	8,958	80	6,624	8,294	664
85+00	100	3	0	47	14	0	144	180	8,972	80	6,768	8,474	498
86+00	100	3	0	43	10	0	167	209	8,982	80	6,935	8,683	299
87+00	100	1	0	62	7	0	194	243	8,989	80	7,129	8,926	63
88+00	100	1	0	45	3	0	198	248	8,992	80	7,327	9,174	-182
89+00	100	0	2	64	2	4	202	253	8,994	84	7,529	9,427	-433
90+00	100	1	2	53	2	8	217	271	8,996	92	7,746	9,698	-702
91+00	100	2	2	29	6	8	152	190	9,002	100	7,898	9,888	-886
92+00	100	2	2	25	7	8	100	125	9,009	108	7,998	10,013	-1,004
93+00	100	3	2	68	10	8	172	215	9,019	116	8,170	10,228	-1,209
94+00	100	4	2	63	15	8	243	304	9,034	124	8,413	10,532	-1,498
95+00	100	4	2	70	15	8	246	308	9,049	132	8,659	10,840	-1,791
96+00	100	4	2	50	15	8	222	278	9,064	140	8,881	11,118	-2,054
97+00	100	3	2	70	14	8	222	278	9,078	148	9,103	11,396	-2,318
98+00	100	1	2	47	8	8	217	271	9,086	156	9,320	11,667	-2,581
99+00	100	1	2	73	4	8	222	278	9,090	164	9,542	11,945	-2,855

STATION	DISTANCE (LF)	AREA (SF)			INCREMENTAL VOLUME (CY)				CUMULATIVE VOLUME (CY)				
		CUT	SUPER CORRECTION (B.A.D.)	FILL	CUT NOTE 1	SUPER CORRECTION B.A.D. NOTE 3	FILL NOTE 4	FILL (1.25) NOTE 5	CUT (1.00) NOTE 1	SUPER CORRECTION B.A.D. NOTE 3	FILL NOTE 4	FILL (1.25) NOTE 5	MASS ORDINATE NOTE 6
100+00	100	4	2	57	9	8	241	301	9,099	172	9,783	12,246	-3,147
101+00	100	1	2	61	9	8	219	274	9,108	180	10,002	12,520	-3,412
102+00	100	1	2	133	4	8	359	449	9,112	188	10,361	12,969	-3,857
103+00	100	0	2	41	1	8	322	403	9,113	196	10,683	13,372	-4,259
104+00	100	0	2	11	1	8	96	120	9,114	204	10,779	13,492	-4,378
105+00	100	1	2	7	3	8	33	41	9,117	212	10,812	13,533	-4,416
106+00	100	2	2	17	5	8	44	55	9,122	220	10,856	13,588	-4,466
107+00	100	2	2	9	7	8	48	60	9,129	228	10,904	13,648	-4,519
108+00	100	0	0	7	4	4	30	38	9,133	232	10,934	13,686	-4,553
109+00	100	0	2	9	0	4	30	38	9,133	236	10,964	13,724	-4,591
110+00	100	0	2	8	0	8	31	39	9,133	244	10,995	13,763	-4,630
111+00	100	0	2	4	0	8	22	28	9,133	252	11,017	13,791	-4,658
112+00	100	0	2	0	0	8	7	9	9,133	260	11,024	13,800	-4,667
113+00	100	0	2	12	0	8	22	28	9,133	268	11,046	13,828	-4,695
114+00	100	0	2	18	0	8	56	70	9,133	276	11,102	13,898	-4,765
115+00	100	0	0	19	0	4	69	86	9,133	280	11,171	13,984	-4,851
116+00	100	0	0	15	0	0	63	79	9,133	280	11,234	14,063	-4,930
117+00	100	0	0	12	0	0	50	63	9,133	280	11,284	14,126	-4,993
118+00	100	0	0	25	0	0	69	86	9,133	280	11,353	14,212	-5,079
119+00	100	0	0	51	0	0	141	176	9,133	280	11,494	14,388	-5,255
120+00	100	0	0	67	0	0	219	274	9,133	280	11,713	14,662	-5,529
121+00	100	0	0	114	0	0	335	419	9,133	280	12,048	15,081	-5,948
122+00	100	0	0	39	0	0	283	354	9,133	280	12,331	15,435	-6,302
123+00	100	0	0	36	0	0	139	174	9,133	280	12,470	15,609	-6,476
124+00	100	0	0	35	0	0	131	164	9,133	280	12,601	15,773	-6,640
125+00	100	0	0	19	0	0	100	125	9,133	280	12,701	15,898	-6,765
126+00	100	0	0	15	0	0	63	79	9,133	280	12,764	15,977	-6,844
127+00	100	0	0	4	0	0	35	44	9,133	280	12,799	16,021	-6,888
128+00	100	0	0	4	0	0	15	19	9,133	280	12,814	16,040	-6,907
129+00	100	0	0	6	0	0	19	24	9,133	280	12,833	16,064	-6,931
130+00	100	0	2	1	0	4	13	16	9,133	284	12,846	16,080	-6,947
131+00	100	0	2	6	0	8	13	16	9,133	292	12,859	16,096	-6,963
132+00	100	0	2	7	0	8	24	30	9,133	300	12,883	16,126	-6,993
133+00	100	0	2	13	0	8	37	46	9,133	308	12,920	16,172	-7,039
134+00	100	0	2	16	0	8	54	68	9,133	316	12,974	16,240	-7,107
135+00	100	0	0	5	0	4	39	49	9,133	320	13,013	16,289	-7,156
136+00	100	0	0	2	0	0	13	16	9,133	320	13,026	16,305	-7,172
137+00	100	0	0	4	0	0	11	14	9,133	320	13,037	16,319	-7,186
138+00	100	0	0	3	0	0	13	16	9,133	320	13,050	16,335	-7,202
139+00	100	0	0	5	0	0	15	19	9,133	320	13,065	16,354	-7,221
140+00	100	0	2	2	0	4	13	16	9,133	324	13,078	16,370	-7,237
141+00	100	0	2	3	0	8	9	11	9,133	332	13,087	16,381	-7,248
142+00	100	0	2	0	0	8	6	8	9,133	340	13,093	16,389	-7,256
143+00	100	0	2	2	0	8	4	5	9,133	348	13,097	16,394	-7,261
144+00	100	0	2	3	0	8	9	11	9,133	356	13,106	16,405	-7,272
145+00	100	0	2	4	0	8	13	16	9,133	364	13,119	16,421	-7,288
146+00	100	0	2	4	0	8	15	19	9,133	372	13,134	16,440	-7,307
147+00	100	0	0	7	0	4	20	25	9,133	376	13,154	16,465	-7,332
148+00	100	0	0	2	0	0	17	21	9,133	376	13,171	16,486	-7,353
149+00	100	0	0	3	0	0	9	11	9,133	376	13,180	16,497	-7,364
150+00	100	0	0	3	0	0	11	14	9,133	376	13,191	16,511	-7,378

STATION	DISTANCE (LF)	AREA (SF)			INCREMENTAL VOLUME (CY)				CUMULATIVE VOLUME (CY)				
		CUT	SUPER CORRECTION (B.A.D.)	FILL	CUT NOTE 1	SUPER CORRECTION B.A.D. NOTE 3	FILL NOTE 4	FILL (1.25) NOTE 5	CUT (1.00) NOTE 1	SUPER CORRECTION B.A.D. NOTE 3	FILL NOTE 4	FILL (1.25) NOTE 5	MASS ORDINATE NOTE 6
151+00	100	0	0	2	0	0	9	11	9,133	376	13,200	16,522	-7,389
152+00	100	0	0	0	0	0	4	5	9,133	376	13,204	16,527	-7,394
153+00	100	0	0	0	0	0	0	0	9,133	376	13,204	16,527	-7,394
154+00	100	0	0	0	0	0	0	0	9,133	376	13,204	16,527	-7,394
155+00	100	0	0	1	0	0	2	3	9,133	376	13,206	16,530	-7,397
156+00	100	0	0	2	0	0	6	8	9,133	376	13,212	16,538	-7,405
157+00	100	0	0	5	0	0	13	16	9,133	376	13,225	16,554	-7,421
158+00	100	0	2	3	0	4	15	19	9,133	380	13,240	16,573	-7,440
159+00	100	0	2	12	0	8	28	35	9,133	388	13,268	16,608	-7,475
160+00	100	0	2	4	0	8	30	38	9,133	396	13,298	16,646	-7,513
161+00	100	0	2	3	0	8	13	16	9,133	404	13,311	16,662	-7,529
162+00	100	0	2	1	0	8	7	9	9,133	412	13,318	16,671	-7,538
163+00	100	0	2	4	0	8	9	11	9,133	420	13,327	16,682	-7,549
164+00	100	0	2	5	0	8	17	21	9,133	428	13,344	16,703	-7,570
165+00	100	0	2	3	0	8	15	19	9,133	436	13,359	16,722	-7,589
166+00	100	0	2	3	0	8	11	14	9,133	444	13,370	16,736	-7,603
167+00	100	0	2	4	0	8	13	16	9,133	452	13,383	16,752	-7,619
168+00	100	0	2	5	0	8	17	21	9,133	460	13,400	16,773	-7,640
169+00	100	0	2	6	0	8	20	25	9,133	468	13,420	16,798	-7,665
170+00	100	0	2	11	0	8	31	39	9,133	476	13,451	16,837	-7,704
171+00	100	0	2	2	0	8	24	30	9,133	484	13,475	16,867	-7,734
172+00	100	0	0	3	0	4	9	11	9,133	488	13,484	16,878	-7,745
173+00	100	0	0	1	0	0	7	9	9,133	488	13,491	16,887	-7,754
174+00	100	0	0	0	0	0	2	3	9,133	488	13,493	16,890	-7,757
175+00	100	0	0	2	0	0	4	5	9,133	488	13,497	16,895	-7,762
176+00	100	0	0	2	0	0	7	9	9,133	488	13,504	16,904	-7,771
177+00	100	0	0	2	0	0	7	9	9,133	488	13,511	16,913	-7,780
178+00	100	0	0	3	0	0	9	11	9,133	488	13,520	16,924	-7,791
179+00	100	0	0	2	0	0	9	11	9,133	488	13,529	16,935	-7,802
180+00	100	0	0	2	0	0	7	9	9,133	488	13,536	16,944	-7,811
181+00	100	0	0	0	0	0	4	5	9,133	488	13,540	16,949	-7,816
182+00	100	0	0	1	0	0	2	3	9,133	488	13,542	16,952	-7,819
183+00	100	0	0	1	0	0	4	5	9,133	488	13,546	16,957	-7,824
184+00	100	0	0	1	0	0	4	5	9,133	488	13,550	16,962	-7,829
185+00	100	0	0	0	0	0	2	3	9,133	488	13,552	16,965	-7,832
186+00	100	0	2	4	0	4	7	9	9,133	492	13,559	16,974	-7,841
187+00	100	0	2	8	0	8	22	28	9,133	500	13,581	17,002	-7,869
188+00	100	0	2	11	0	8	35	44	9,133	508	13,616	17,046	-7,913
189+00	100	0	2	9	0	8	37	46	9,133	516	13,653	17,092	-7,959
190+00	100	0	0	5	0	4	26	33	9,133	520	13,679	17,125	-7,992
191+00	100	0	0	2	0	0	13	16	9,133	520	13,692	17,141	-8,008
192+00	100	0	0	2	0	0	7	9	9,133	520	13,699	17,150	-8,017
193+00	100	0	0	2	0	0	7	9	9,133	520	13,706	17,159	-8,026
194+00	100	0	0	8	0	0	19	24	9,133	520	13,725	17,183	-8,050
195+00	100	0	2	11	0	4	35	44	9,133	524	13,760	17,227	-8,094
196+00	100	0	2	1	0	8	22	28	9,133	532	13,782	17,255	-8,122
197+00	100	0	2	5	0	8	11	14	9,133	540	13,793	17,269	-8,136
198+00	100	0	2	0	0	8	9	11	9,133	548	13,802	17,280	-8,147
199+00	100	0	0	6	0	4	11	14	9,133	552	13,813	17,294	-8,161
200+00	100	0	0	12	0	0	33	41	9,133	552	13,846	17,335	-8,202

STATION	DISTANCE (LF)	AREA (SF) CUT	AREA (SF) SUPER CORRECTION (B.A.D.)	AREA (SF) FILL	INCREMENTAL VOLUME (CY) CUT NOTE 1	INCREMENTAL VOLUME (CY) SUPER CORRECTION B.A.D. NOTE 3	INCREMENTAL VOLUME (CY) FILL NOTE 4	INCREMENTAL VOLUME (CY) FILL (1.25) NOTE 5	CUMULATIVE VOLUME (CY) CUT (1.00) NOTE 1	CUMULATIVE VOLUME (CY) SUPER CORRECTION B.A.D. NOTE 3	CUMULATIVE VOLUME (CY) FILL NOTE 4	CUMULATIVE VOLUME (CY) FILL (1.25) NOTE 5	CUMULATIVE VOLUME (CY) MASS ORDINATE NOTE 6
201+00	100	0	2	8	0	4	37	46	9,133	556	13,883	17,381	-8,248
202+00	100	0	2	6	0	8	26	33	9,133	564	13,909	17,414	-8,281
203+00	100	0	2	12	0	8	33	41	9,133	572	13,942	17,455	-8,322
204+00	100	0	2	22	0	8	63	79	9,133	580	14,005	17,534	-8,401
205+00	100	0	2	3	0	8	46	58	9,133	588	14,051	17,592	-8,459
206+00	100	0	2	7	0	8	19	24	9,133	596	14,070	17,616	-8,483
207+00	100	0	2	12	0	8	35	44	9,133	604	14,105	17,660	-8,527
208+00	100	0	2	16	0	8	52	65	9,133	612	14,157	17,725	-8,592
209+00	100	0	2	30	0	8	85	106	9,133	620	14,242	17,831	-8,698
210+00	100	0	2	21	0	8	94	118	9,133	628	14,336	17,949	-8,816
211+00	100	0	1	10	0	6	57	71	9,133	634	14,393	18,020	-8,887
212+00	100	0	1	10	0	4	37	46	9,133	638	14,430	18,066	-8,933
213+00	100	0	1	9	0	4	35	44	9,133	642	14,465	18,110	-8,977
214+00	100	0	1	3	0	4	22	28	9,133	646	14,487	18,138	-9,005
215+00	100	0	0	9	0	2	22	28	9,133	648	14,509	18,166	-9,033
216+00	100	0	0	2	0	0	20	25	9,133	648	14,529	18,191	-9,058
217+00	100	0	0	4	0	0	11	14	9,133	648	14,540	18,205	-9,072
218+00	100	0	0	3	0	0	13	16	9,133	648	14,553	18,221	-9,088
219+00	100	0	0	3	0	0	11	14	9,133	648	14,564	18,235	-9,102
220+00	100	0	0	40	0	0	80	100	9,133	648	14,644	18,335	-9,202
221+00	100	0	0	3	0	0	80	100	9,133	648	14,724	18,435	-9,302
222+00	100	0	0	9	0	0	22	28	9,133	648	14,746	18,463	-9,330
223+00	100	0	0	8	0	0	31	39	9,133	648	14,777	18,502	-9,369
224+00	100	0	0	6	0	0	26	33	9,133	648	14,803	18,535	-9,402
225+00	100	0	0	5	0	0	20	25	9,133	648	14,823	18,560	-9,427
226+00	100	0	0	4	0	0	17	21	9,133	648	14,840	18,581	-9,448
227+00	100	0	0	4	0	0	15	19	9,133	648	14,855	18,600	-9,467
228+00	100	0	0	1	0	0	9	11	9,133	648	14,864	18,611	-9,478
229+00	100	0	0	2	0	0	6	8	9,133	648	14,870	18,619	-9,486
230+00	100	0	0	7	0	0	17	21	9,133	648	14,887	18,640	-9,507
231+00	100	0	0	12	0	0	35	44	9,133	648	14,922	18,684	-9,551
232+00	100	0	0	14	0	0	48	60	9,133	648	14,970	18,744	-9,611
233+00	100	0	0	14	0	0	52	65	9,133	648	15,022	18,809	-9,676
234+00	100	0	0	2	0	0	30	38	9,133	648	15,052	18,847	-9,714
235+00	100	0	0	8	0	0	19	24	9,133	648	15,071	18,871	-9,738
236+00	100	0	0	13	0	0	39	49	9,133	648	15,110	18,920	-9,787
237+00	100	0	0	13	0	0	48	60	9,133	648	15,158	18,980	-9,847
238+00	100	0	0	5	0	0	33	41	9,133	648	15,191	19,021	-9,888
239+00	100	0	2	6	0	4	20	25	9,133	652	15,211	19,046	-9,913
240+00	100	0	2	4	0	8	19	24	9,133	660	15,230	19,070	-9,937
241+00	100	0	2	10	0	8	26	33	9,133	668	15,256	19,103	-9,970
242+00	100	0	2	48	0	8	107	134	9,133	676	15,363	19,237	-10,104
243+00	100	2	2	4	3	8	96	120	9,136	684	15,459	19,357	-10,221
244+00	100	2	2	5	7	8	17	21	9,143	692	15,476	19,378	-10,235
245+00	100	3	2	2	9	8	13	16	9,152	700	15,489	19,394	-10,242
246+00	100	2	0	22	9	4	44	55	9,161	704	15,533	19,449	-10,288
247+00	100	1	2	31	6	4	98	123	9,167	708	15,631	19,572	-10,405
248+00	100	0	2	94	2	8	231	289	9,169	716	15,862	19,861	-10,692
249+00	100	2	2	124	5	8	404	505	9,174	724	16,266	20,366	-11,192
250+00	100	5	2	13	12	8	254	318	9,186	732	16,520	20,684	-11,498

STATION	DISTANCE (LF)	AREA (SF) CUT	AREA (SF) SUPER CORRECTION (B.A.D.)	AREA (SF) FILL	INCREMENTAL VOLUME (CY) CUT NOTE 1	INCREMENTAL VOLUME (CY) SUPER CORRECTION B.A.D. NOTE 3	INCREMENTAL VOLUME (CY) FILL NOTE 4	INCREMENTAL VOLUME (CY) FILL (1.25) NOTE 5	CUMULATIVE VOLUME (CY) CUT (1.00) NOTE 1	CUMULATIVE VOLUME (CY) SUPER CORRECTION B.A.D. NOTE 3	CUMULATIVE VOLUME (CY) FILL NOTE 4	CUMULATIVE VOLUME (CY) FILL (1.25) NOTE 5	CUMULATIVE VOLUME (CY) MASS ORDINATE NOTE 6
251+00	100	2	0	3	12	4	30	38	9,198	736	16,550	20,722	-11,524
252+00	100	3	0	3	9	0	11	14	9,207	736	16,561	20,736	-11,529
253+00	100	2	0	10	9	0	24	30	9,216	736	16,585	20,766	-11,550
254+00	100	3	0	120	9	0	241	301	9,225	736	16,826	21,067	-11,842
255+00	100	3	0	66	11	0	344	430	9,236	736	17,170	21,497	-12,261
256+00	100	3	0	19	11	0	157	196	9,247	736	17,327	21,693	-12,446
257+00	100	1	0	14	7	0	61	76	9,254	736	17,388	21,769	-12,515
258+00	100	2	0	20	5	0	63	79	9,259	736	17,451	21,848	-12,589
259+00	100	0	0	2	3	0	41	51	9,262	736	17,492	21,899	-12,637
260+00	100	0	0	7	0	0	17	21	9,262	736	17,509	21,920	-12,658
261+00	100	0	0	16	0	0	43	54	9,262	736	17,552	21,974	-12,712
262+00	100	0	0	7	0	0	43	54	9,262	736	17,595	22,028	-12,766
263+00	100	2	0	166	3	0	320	400	9,265	736	17,915	22,428	-13,163
264+00	100	1	0	185	5	0	650	813	9,270	736	18,565	23,241	-13,971
265+00	100	0	0	185	2	0	685	856	9,272	736	19,250	24,097	-14,825
266+00	100	1	0	87	2	0	504	630	9,274	736	19,754	24,727	-15,453
267+00	100	0	2	52	2	4	257	321	9,276	740	20,011	25,048	-15,772
268+00	100	1	2	40	2	8	170	213	9,278	748	20,181	25,261	-15,983
269+00	100	0	2	29	2	8	128	160	9,280	756	20,309	25,421	-16,141
270+00	100	0	2	28	0	8	106	133	9,280	764	20,415	25,554	-16,274
271+00	100	0	2	11	0	8	72	90	9,280	772	20,487	25,644	-16,364
272+00	100	0	2	11	0	8	41	51	9,280	780	20,528	25,695	-16,415
273+00	100	0	2	11	0	8	41	51	9,280	788	20,569	25,746	-16,466
274+00	100	0	2	7	0	8	33	41	9,280	796	20,602	25,787	-16,507
275+00	100	0	2	1	0	8	15	19	9,280	804	20,617	25,806	-16,526
276+00	100	0	0	0	0	4	2	3	9,280	808	20,619	25,809	-16,529
277+00	100	0	0	1	0	0	2	3	9,280	808	20,621	25,812	-16,532
278+00	100	0	0	0	0	0	2	3	9,280	808	20,623	25,815	-16,535
278+15	15	0	0	0	0	0	0	0	9,280	808	20,623	25,815	-16,535
MAINLINE COLUMN SUBTOTALS =					9,280	808	20,623	25,815	9,280	808	20,623	25,815	-16,535

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SUPERELEVATION CORRECTION (B.A.D.)	S.E. CORRECTION (B.A.D.) IS INCLUDED TO REMOVE FROM FILL QUANTITY, AND PAID FOR UNDER 305.0120
3 - FILL	DOES NOT INCLUDE S.E. CORRECTION (B.A.D.) VOLUME
4 - FILL (1.25)	(UNEXPANDED FILL)*1.25
5 - MASS ORDINATE	(CUT-SALVAGED PAVT) - ((FILL-S.E. CORRECTION (B.A.D.))*(1.25))

EARTHWORK - 'A'-LINE

STATION	DISTANCE (LF)	AREA (SF) CUT	AREA (SF) FILL	INCREMENTAL VOLUME (CY) CUT NOTE 1	INCREMENTAL VOLUME (CY) FILL NOTE 2	INCREMENTAL VOLUME (CY) FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) CUT (1.00) NOTE 1	CUMULATIVE VOLUME (CY) FILL NOTE 2	CUMULATIVE VOLUME (CY) FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) MASS ORDINATE NOTE 4
10+22	0	0	0	0	0	0	0	0	0	0
10+50	28	6	4	3	2	3	3	2	3	0
10+75	25	4	3	5	3	4	8	5	7	1
11+00	25	3	2	3	2	3	11	7	10	1
11+14	14	5	0	2	1	1	13	8	11	2
COLUMN SUBTOTALS =				13	8	11	13	8	11	2

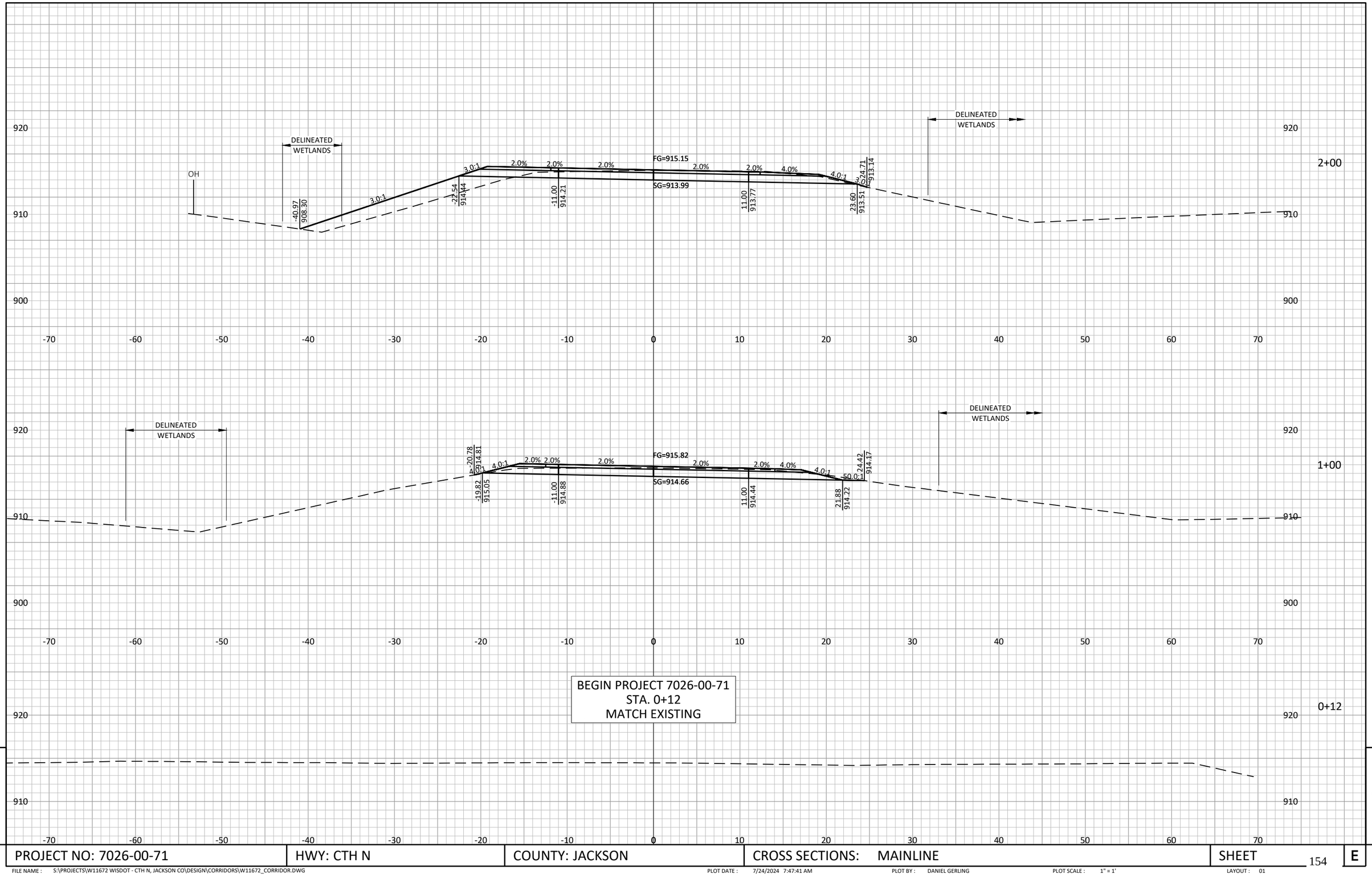
EARTHWORK - 'AA'-LINE

STATION	DISTANCE (LF)	AREA (SF) CUT	AREA (SF) FILL	INCREMENTAL VOLUME (CY) CUT NOTE 1	INCREMENTAL VOLUME (CY) FILL NOTE 2	INCREMENTAL VOLUME (CY) FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) CUT (1.00) NOTE 1	CUMULATIVE VOLUME (CY) FILL NOTE 2	CUMULATIVE VOLUME (CY) FILL (1.25) NOTE 3	CUMULATIVE VOLUME (CY) MASS ORDINATE NOTE 4
10+13	0	0	0	0	0	0	0	0	0	0
10+25	12	0	26	0	6	8	0	6	8	-8
10+50	25	1	29	0	25	31	0	31	39	-39
10+75	25	9	1	5	14	18	5	45	57	-52
11+00	25	6	0	7	0	0	12	45	57	-45
11+19	19	7	0	0	0	0	12	45	57	-45
COLUMN SUBTOTALS =				12	45	57	12	45	57	-45

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - FILL	UNEXPANDED FILL
3 - FILL (1.25)	(UNEXPANDED FILL)*1.25
4 - MASS ORDINATE	(CUT-SALVAGED PAVT) - (FILL (1.25))

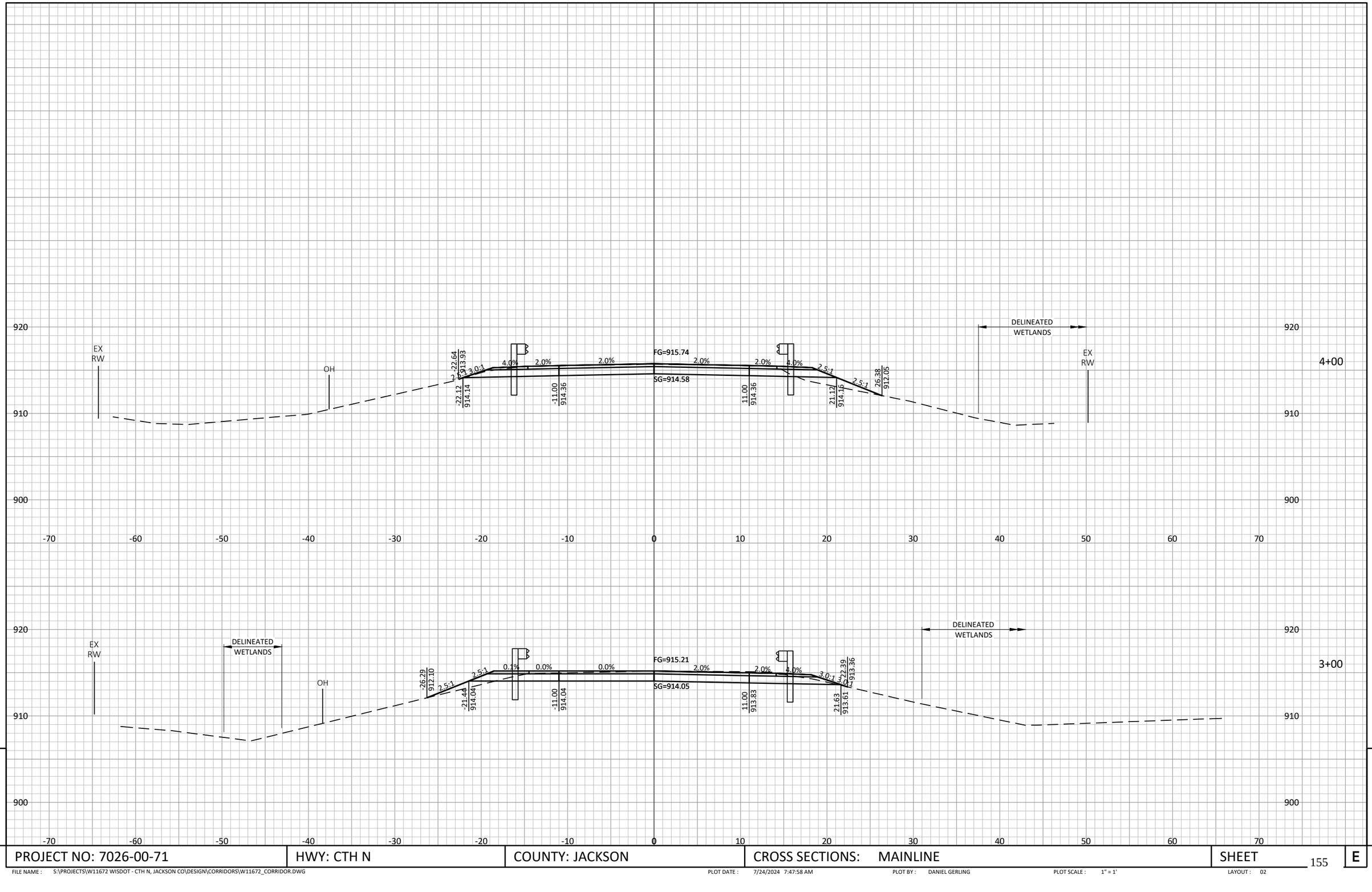
9

9



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 154	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:47:41 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 01



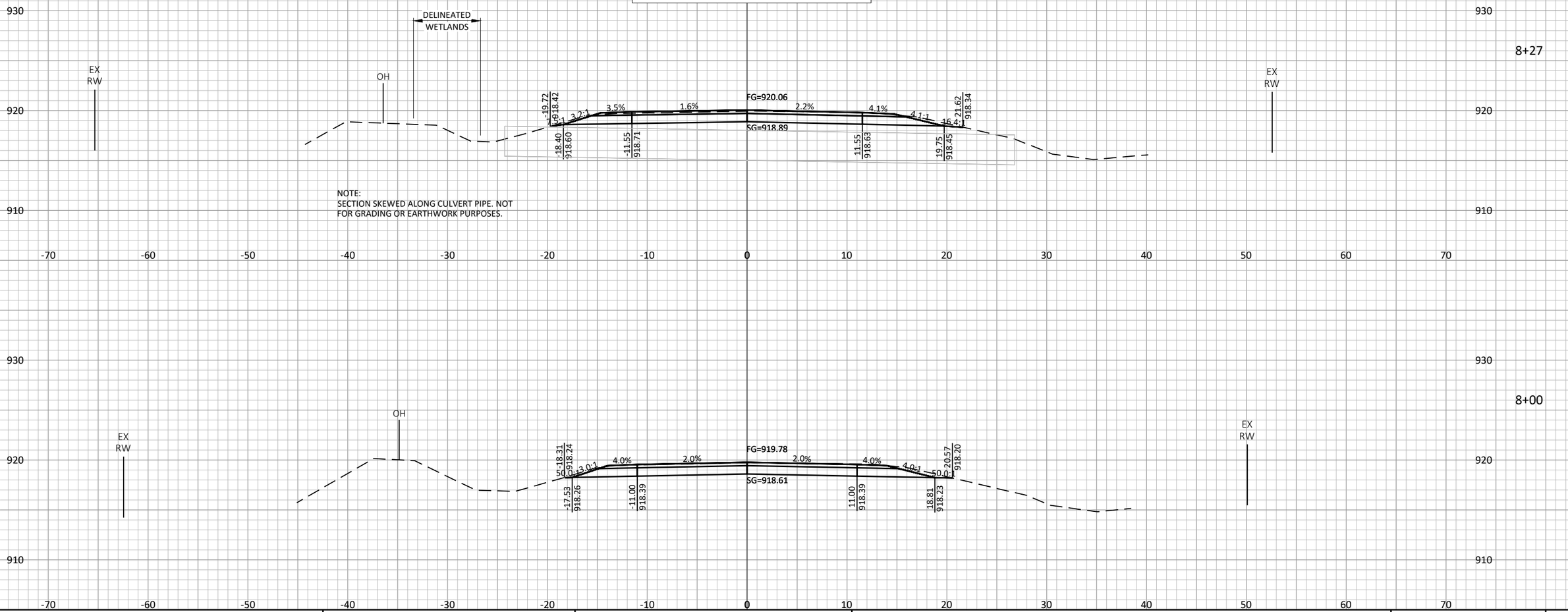
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:47:58 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 02

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:48:14 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 03

STA. 8+27
EXISTING 36-INCH CPCP TO REMAIN



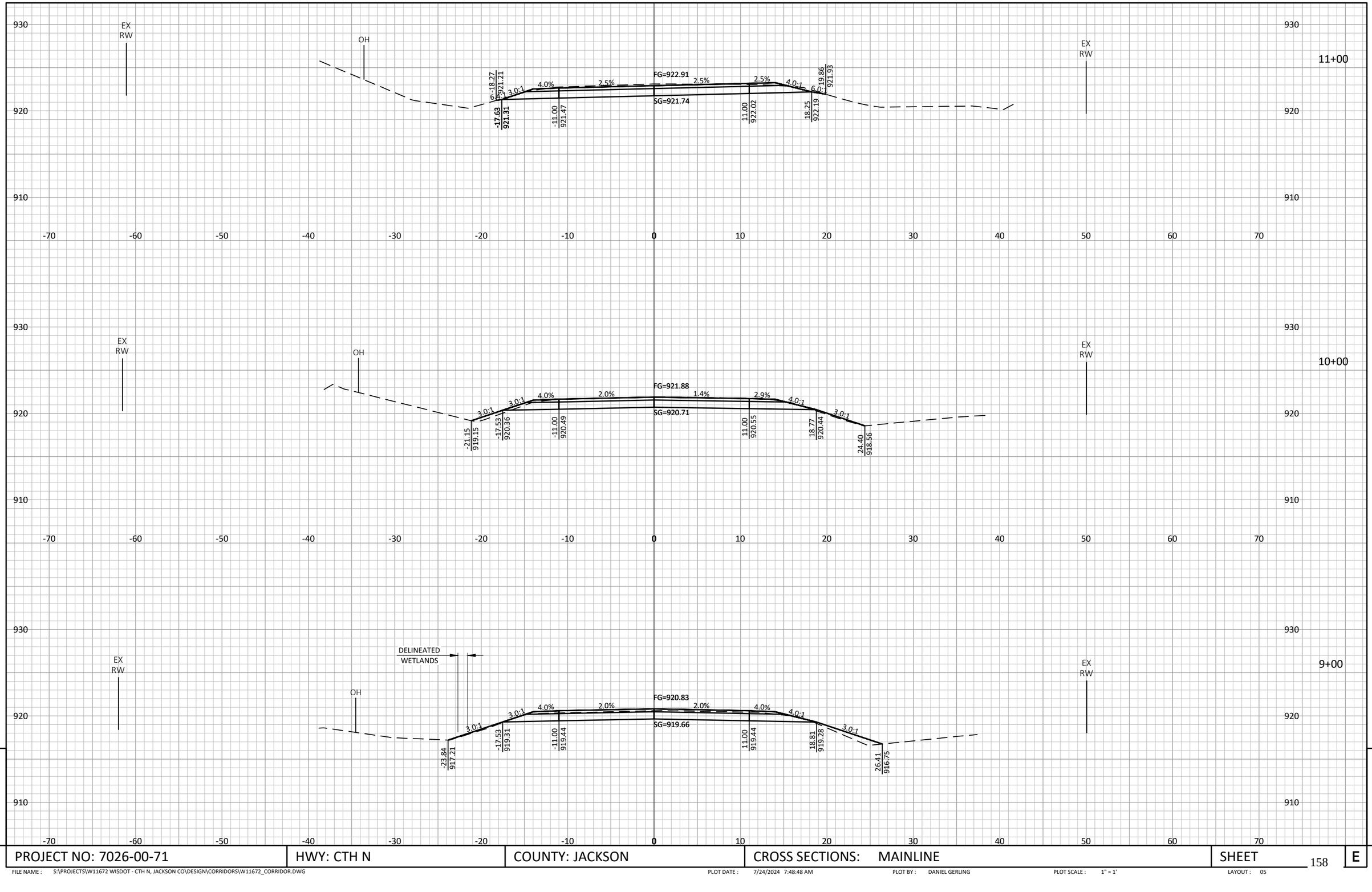
NOTE:
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING OR EARTHWORK PURPOSES.

9

9

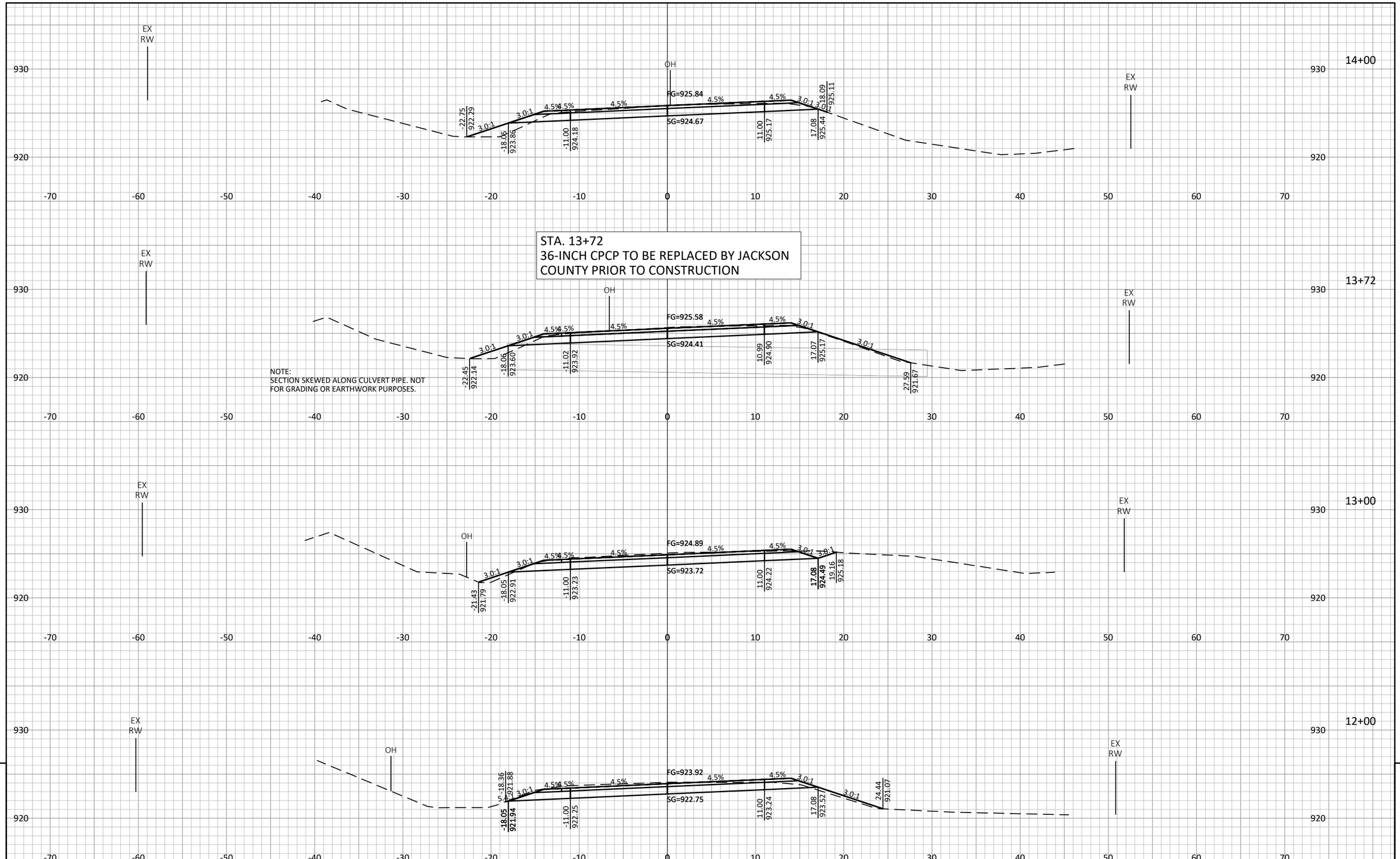
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:48:31 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 04



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

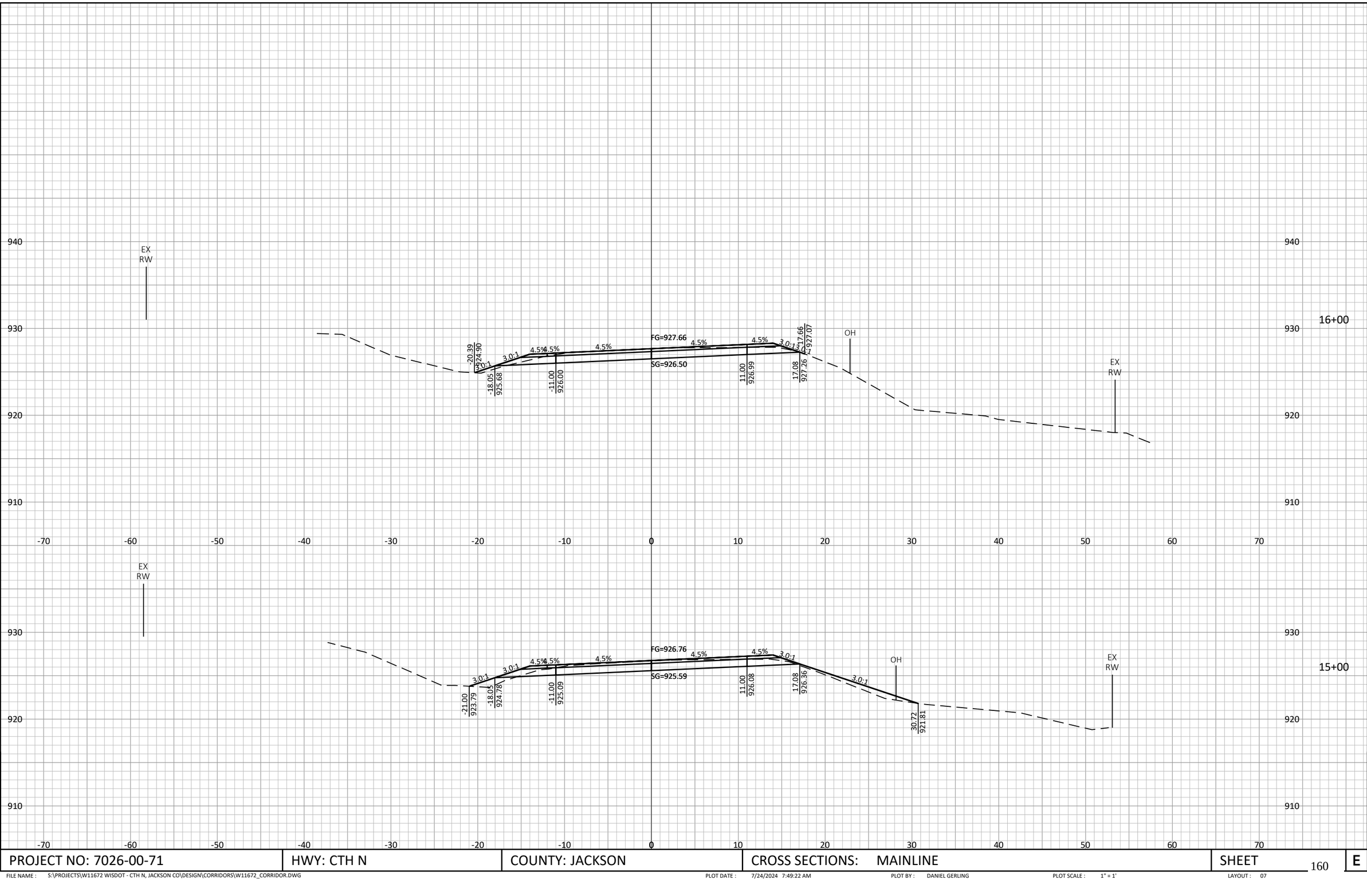
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:48:48 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 05



9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 159	E



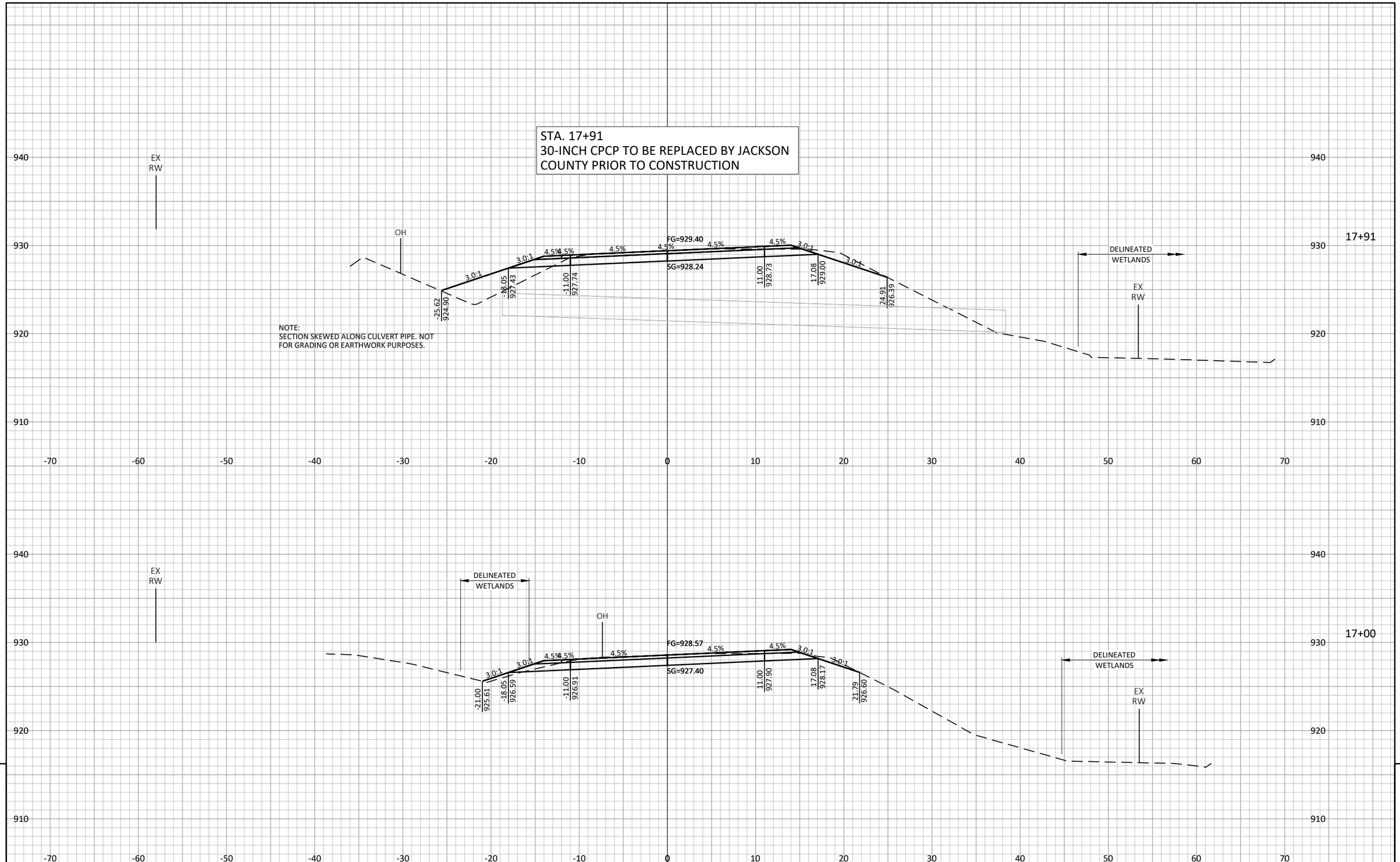
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 160	E

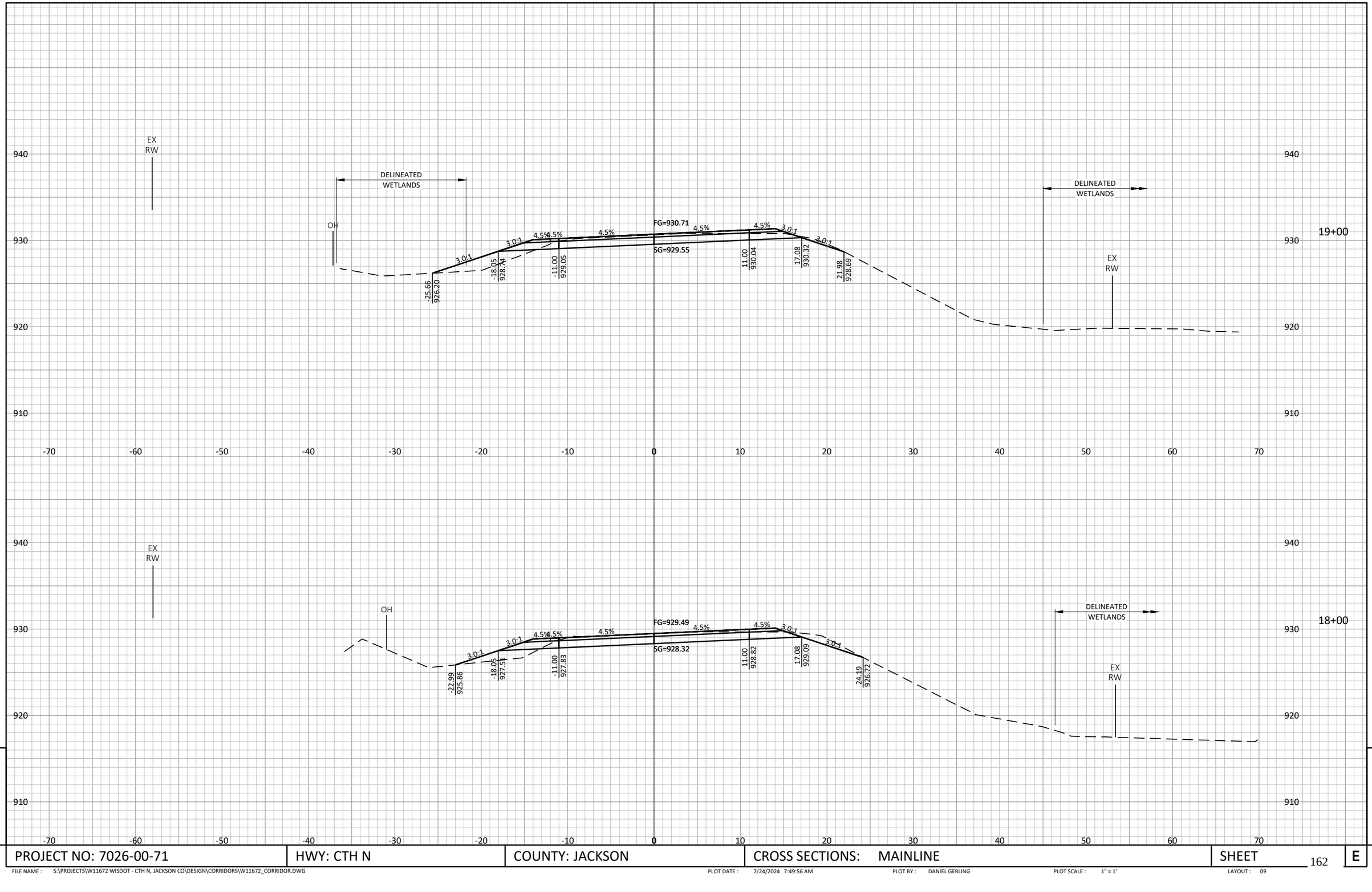
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:49:22 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 07

STA. 17+91
30-INCH CPCP TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION



NOTE:
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING OR EARTHWORK PURPOSES.

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 161	E

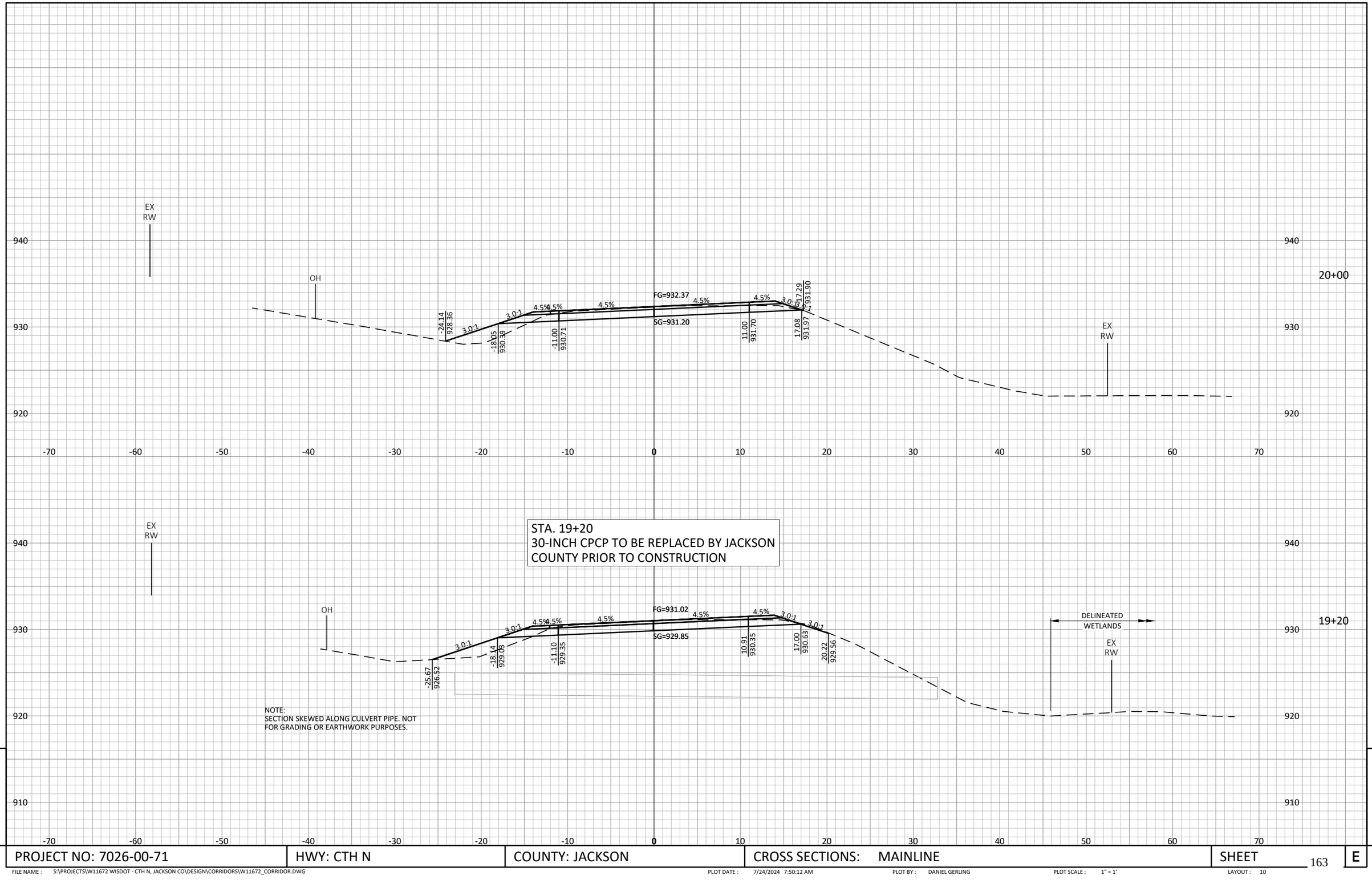


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

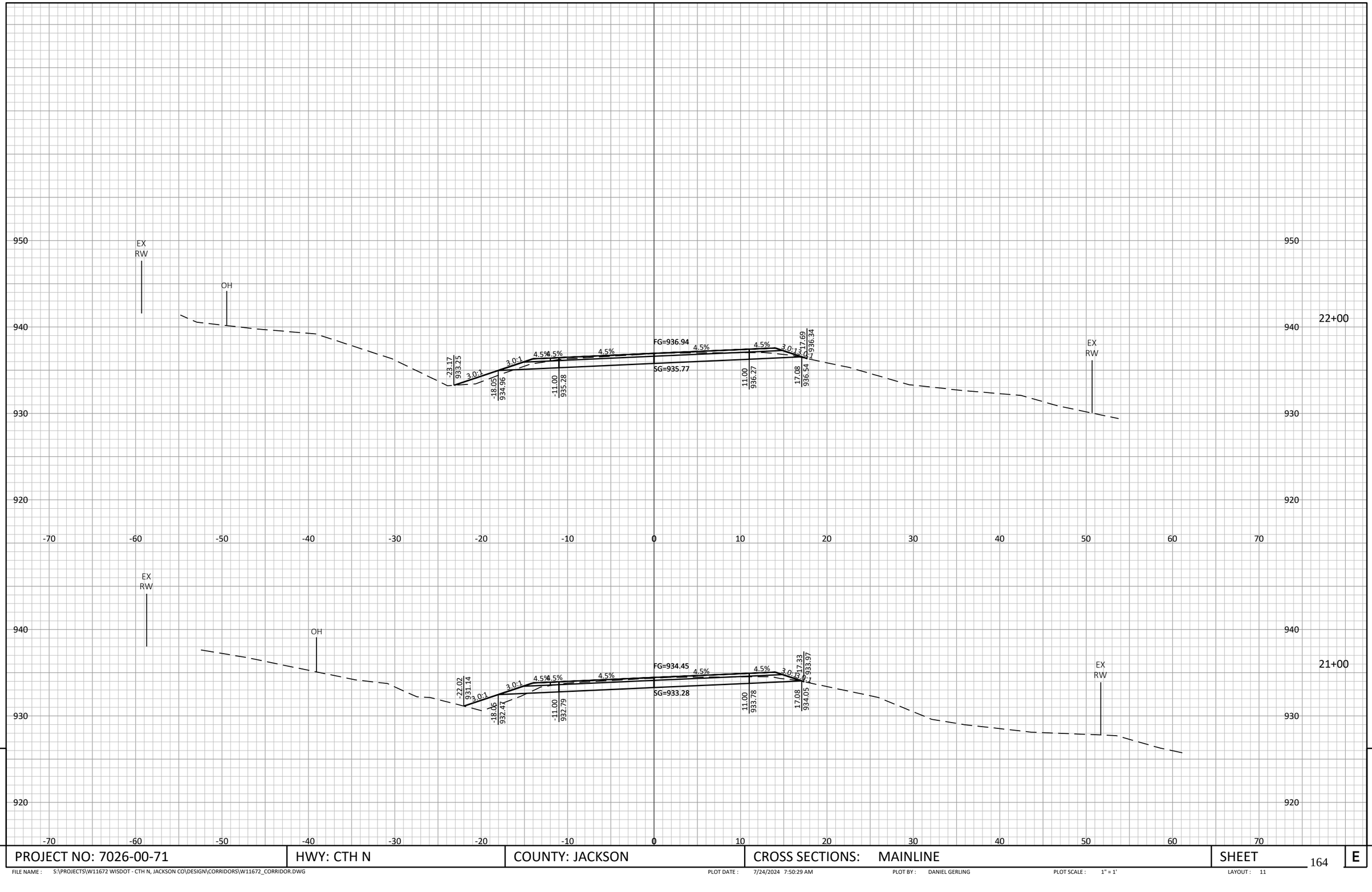
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:49:56 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 09



NOTE:
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING OR EARTHWORK PURPOSES.

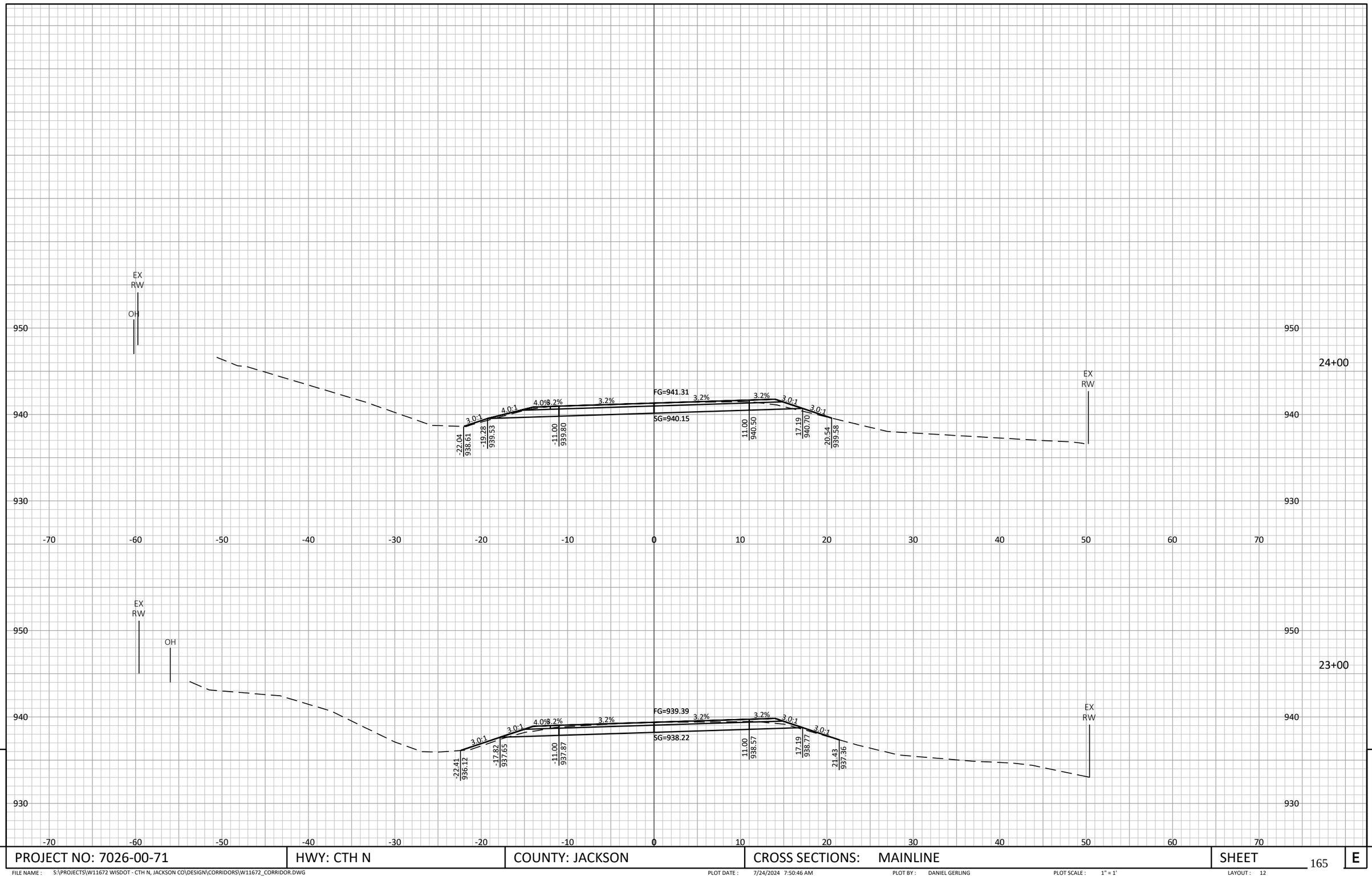
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:50:12 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 10



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 164	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:50:29 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 11

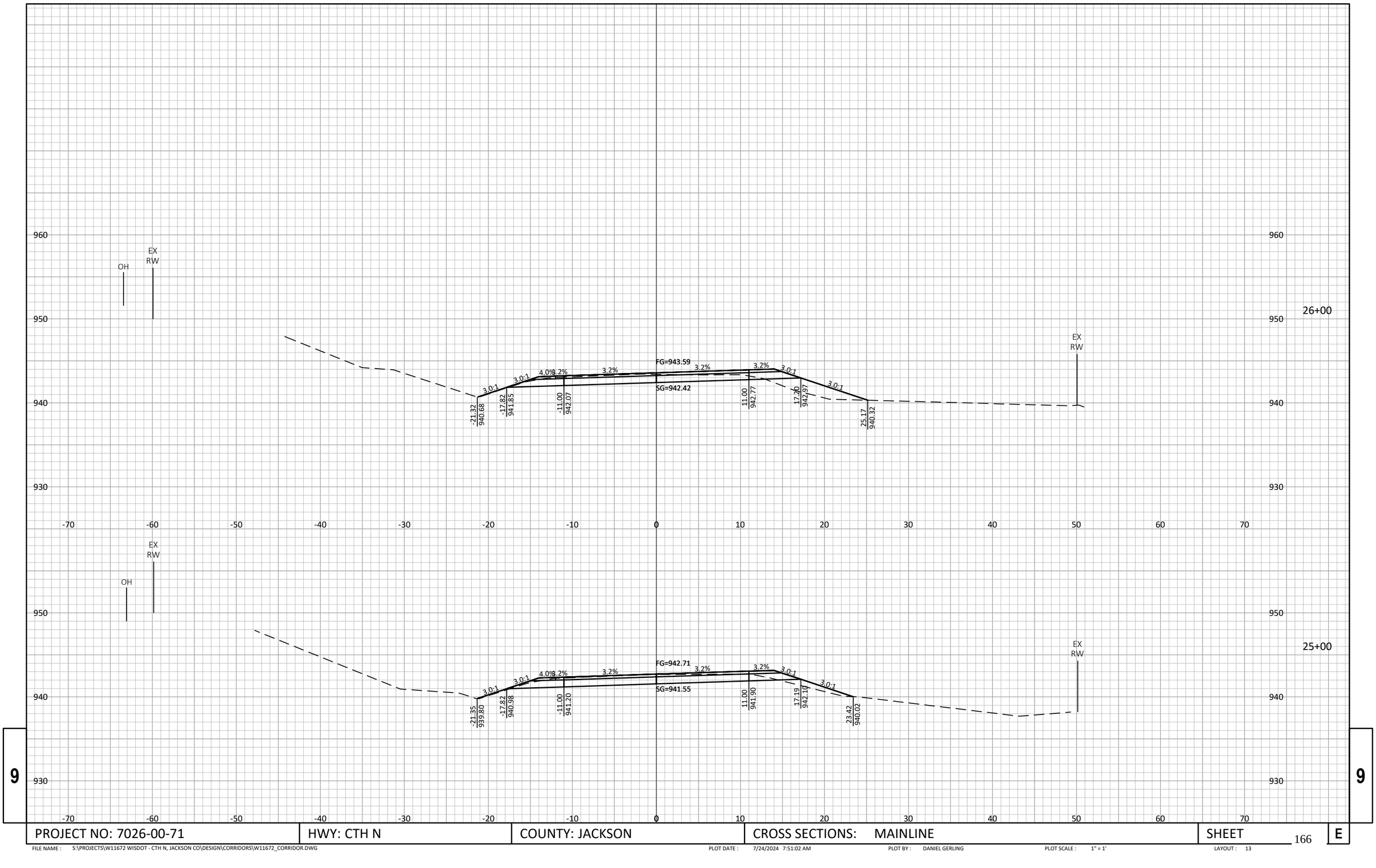


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 165	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:50:46 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 12

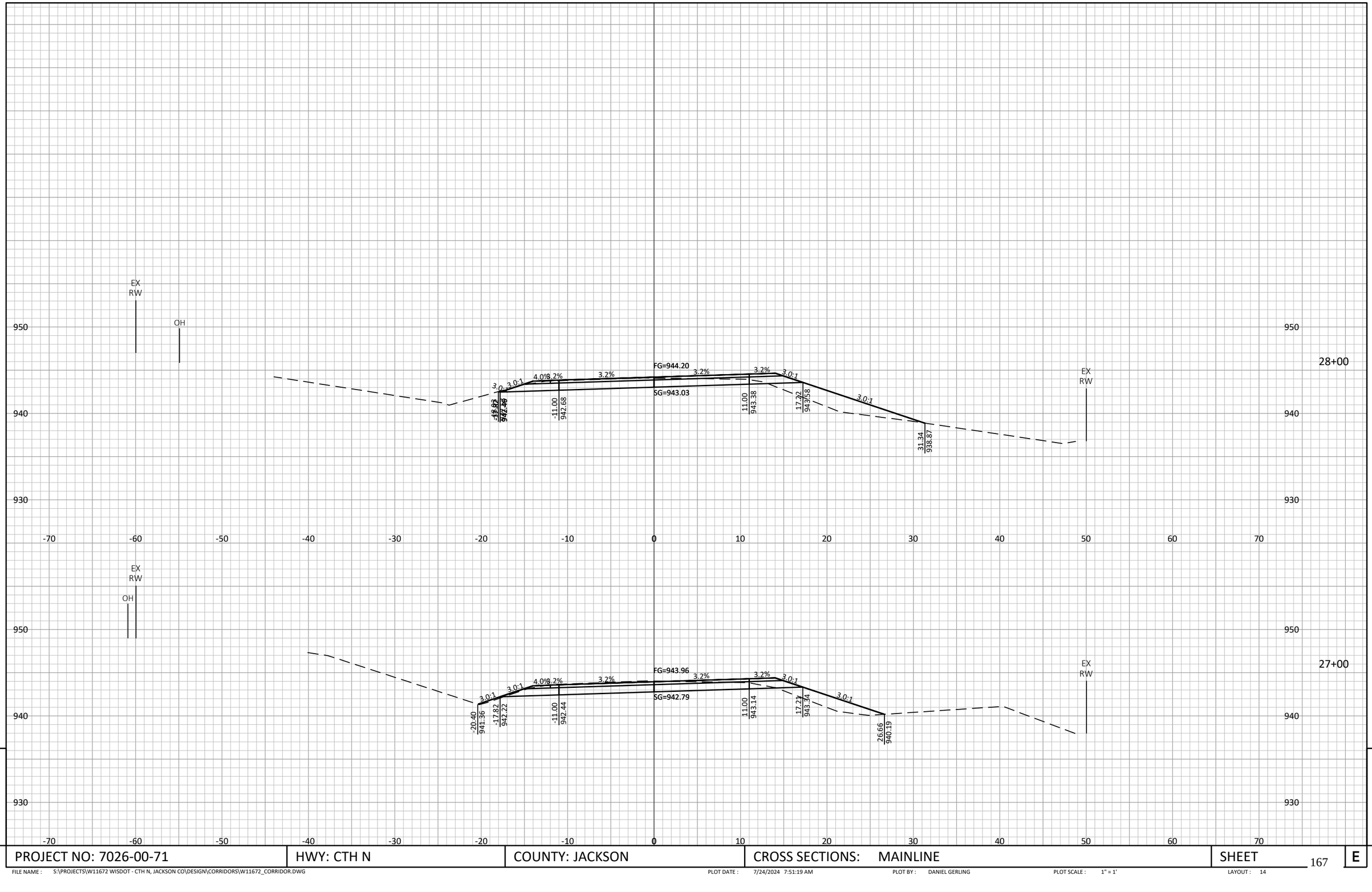


9

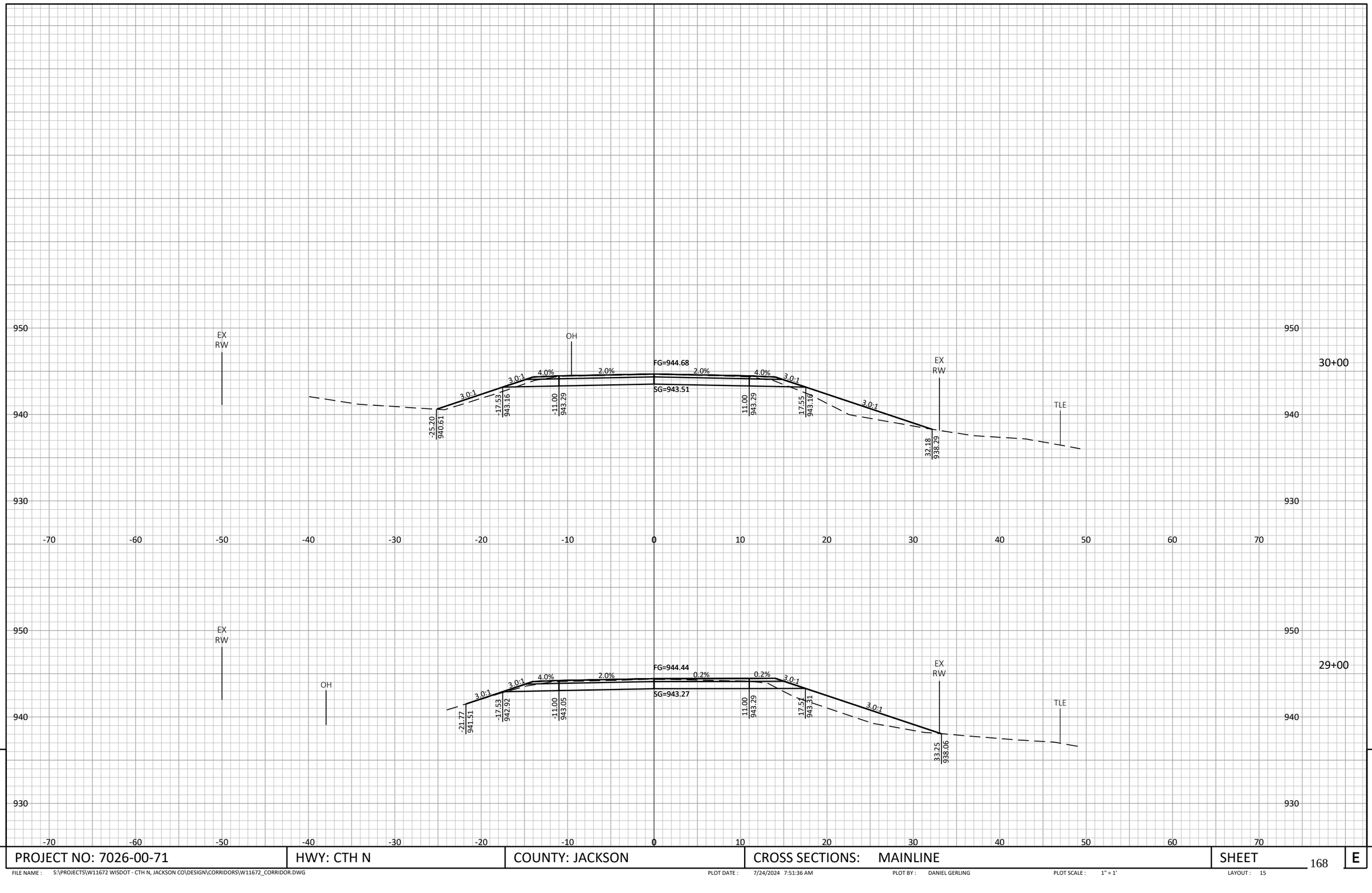
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PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:51:02 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 13

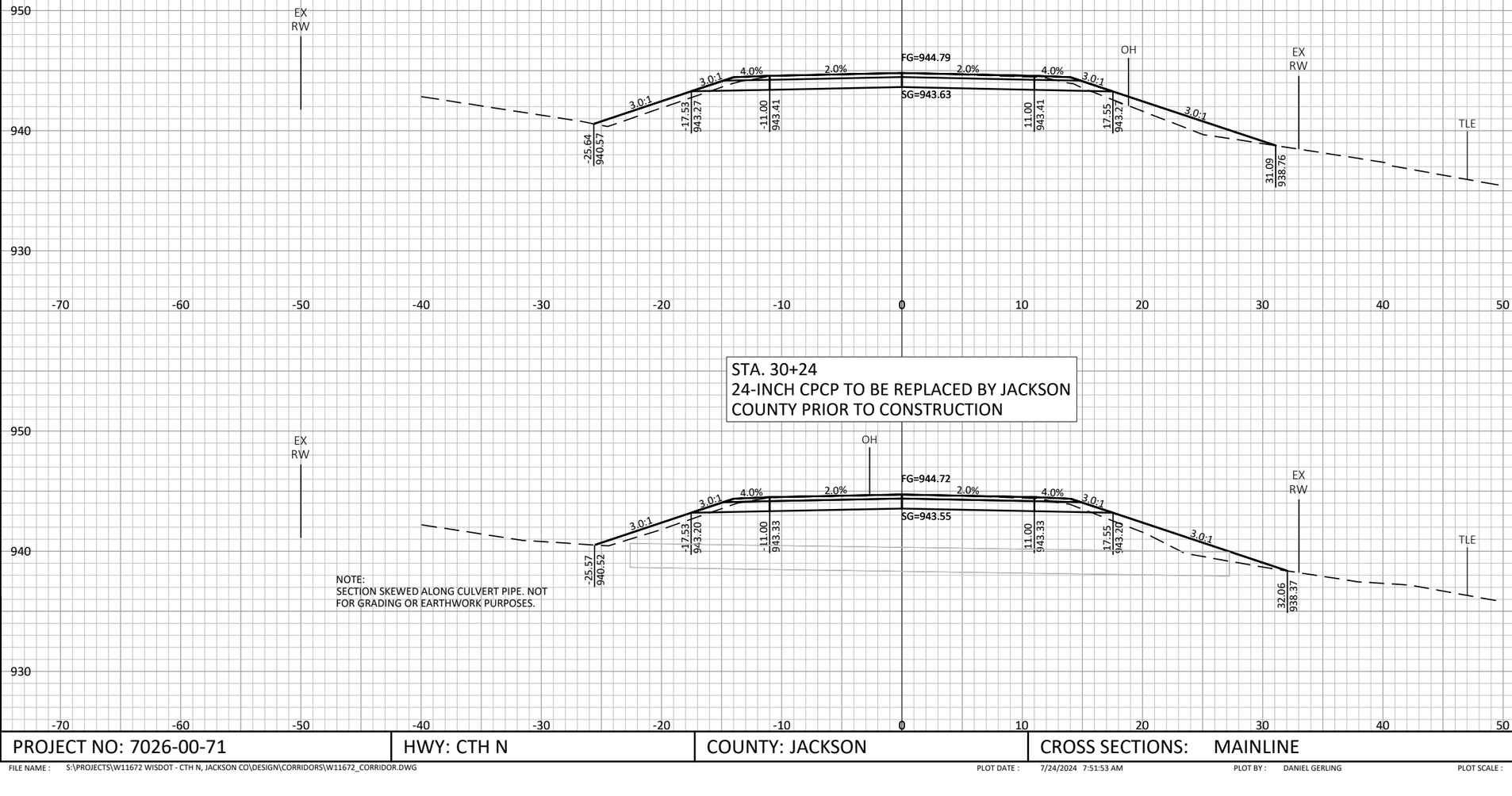


9	PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 167 E



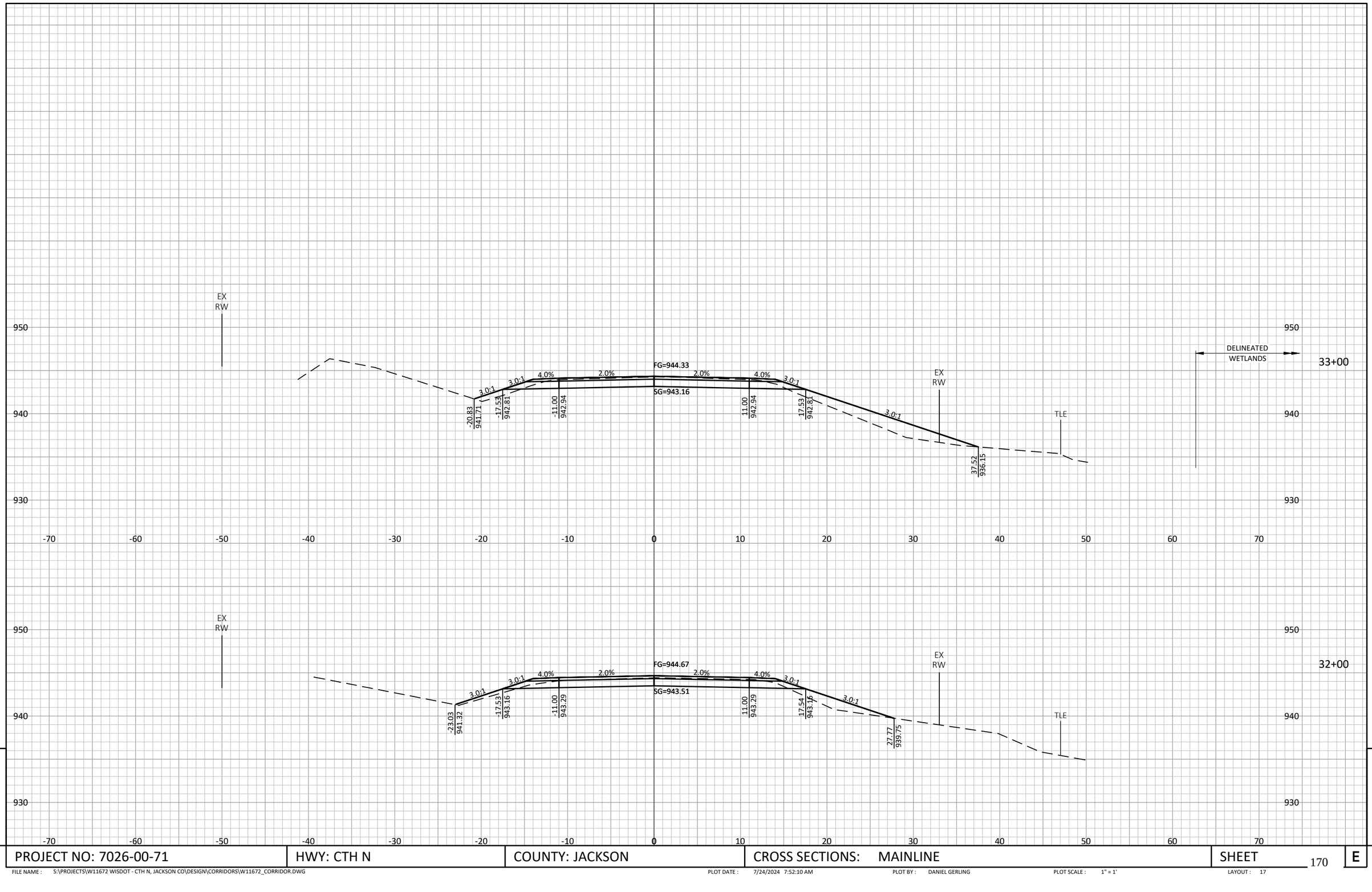
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:51:36 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 15



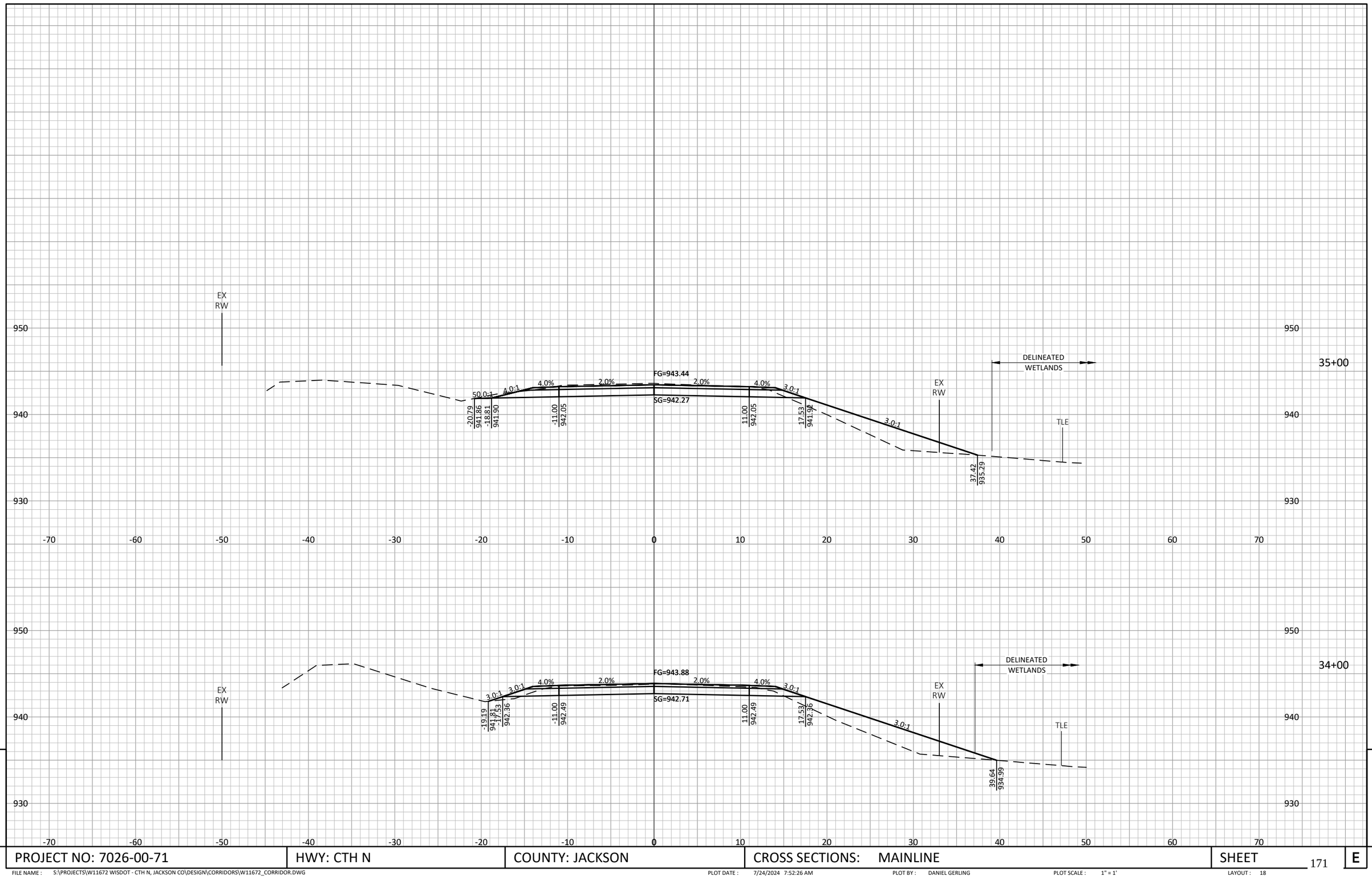
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 7:51:53 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 16



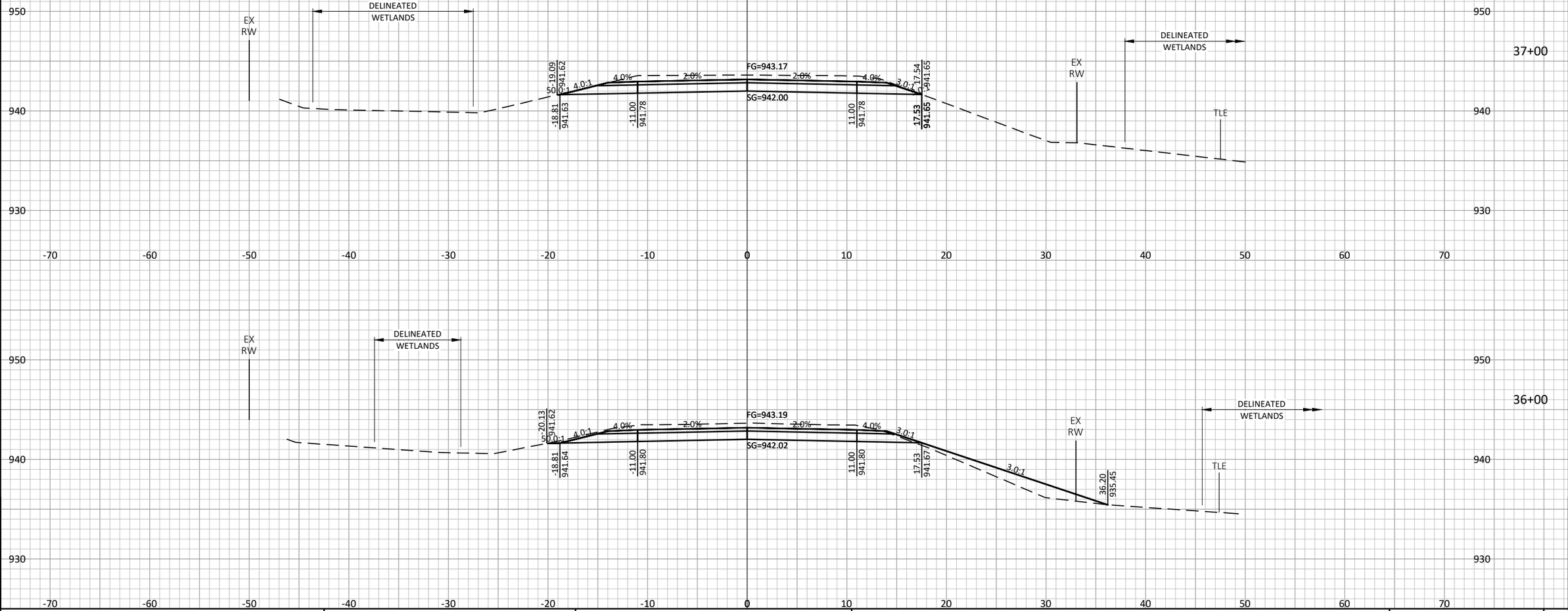
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	
				170	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:52:10 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 17



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 171	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:52:26 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 18

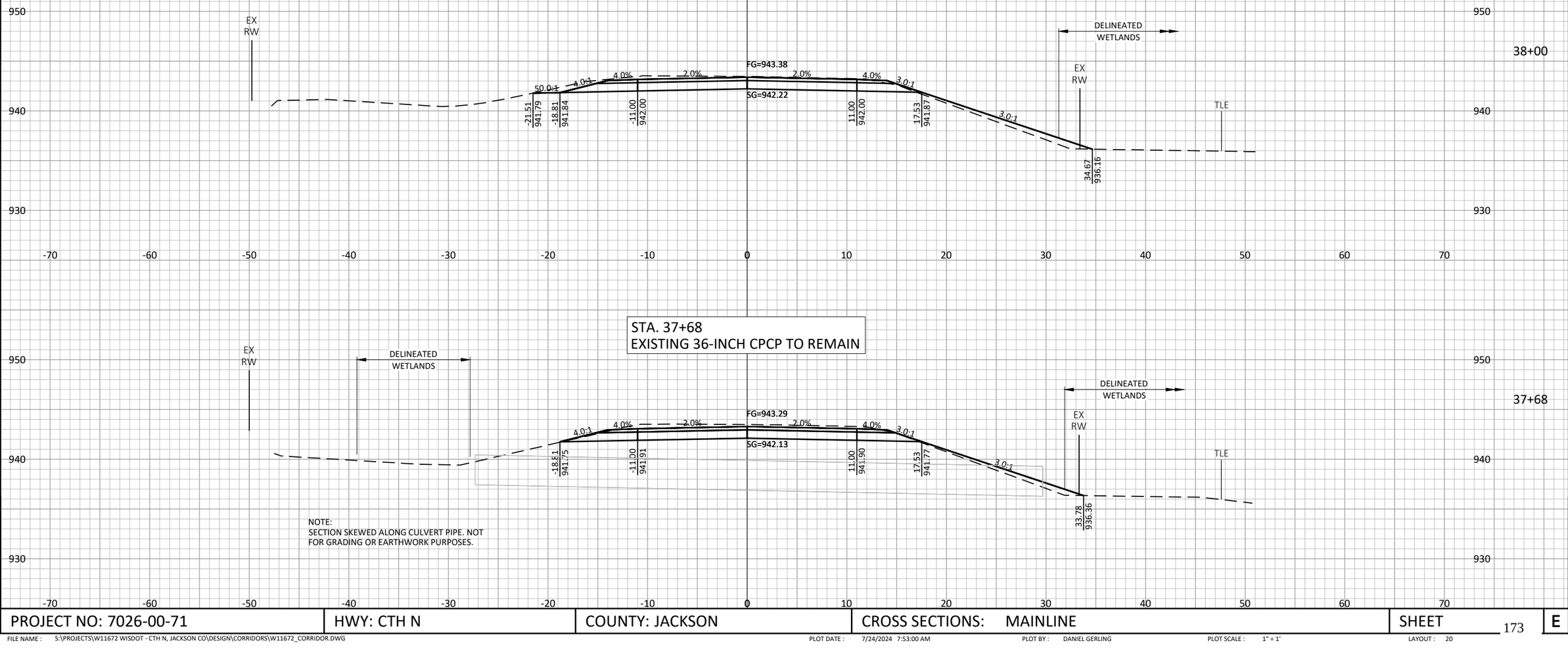


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9

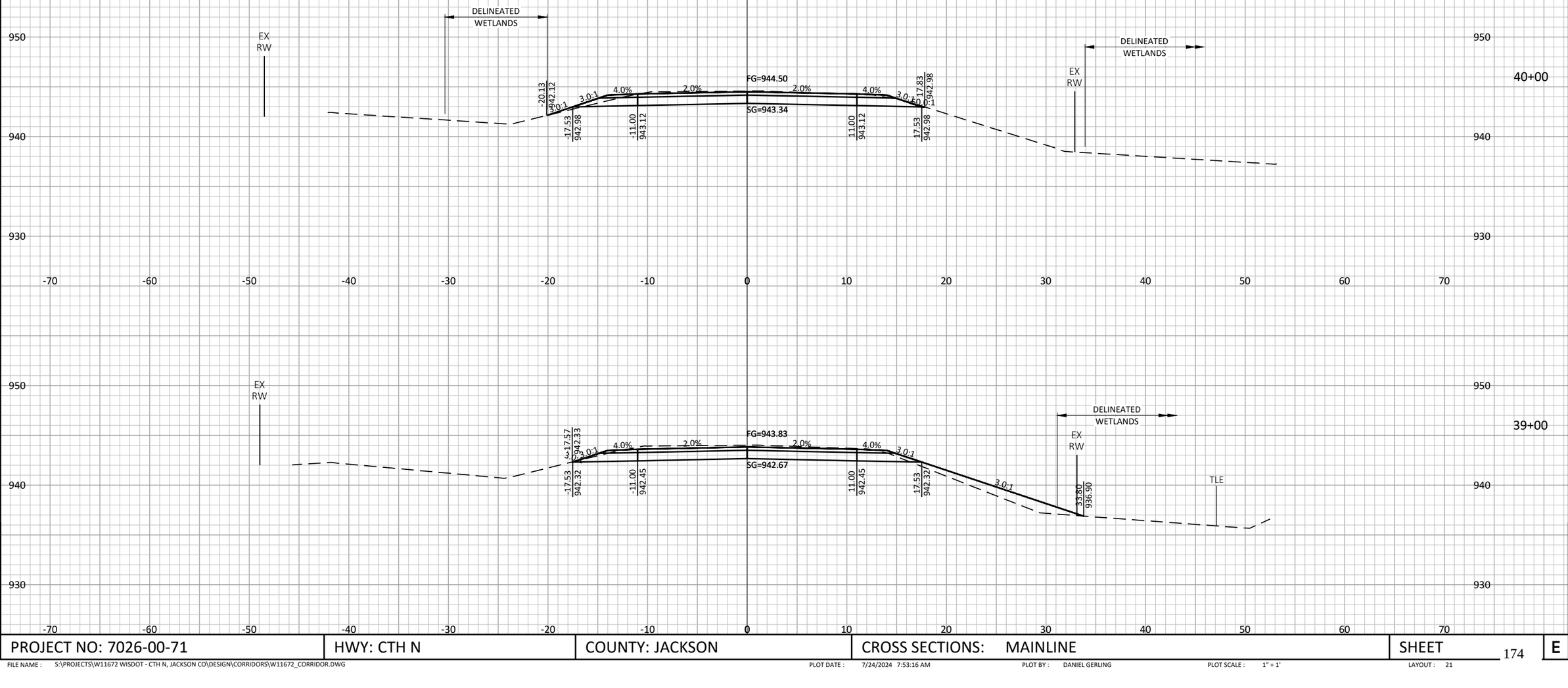
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:52:43 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 19



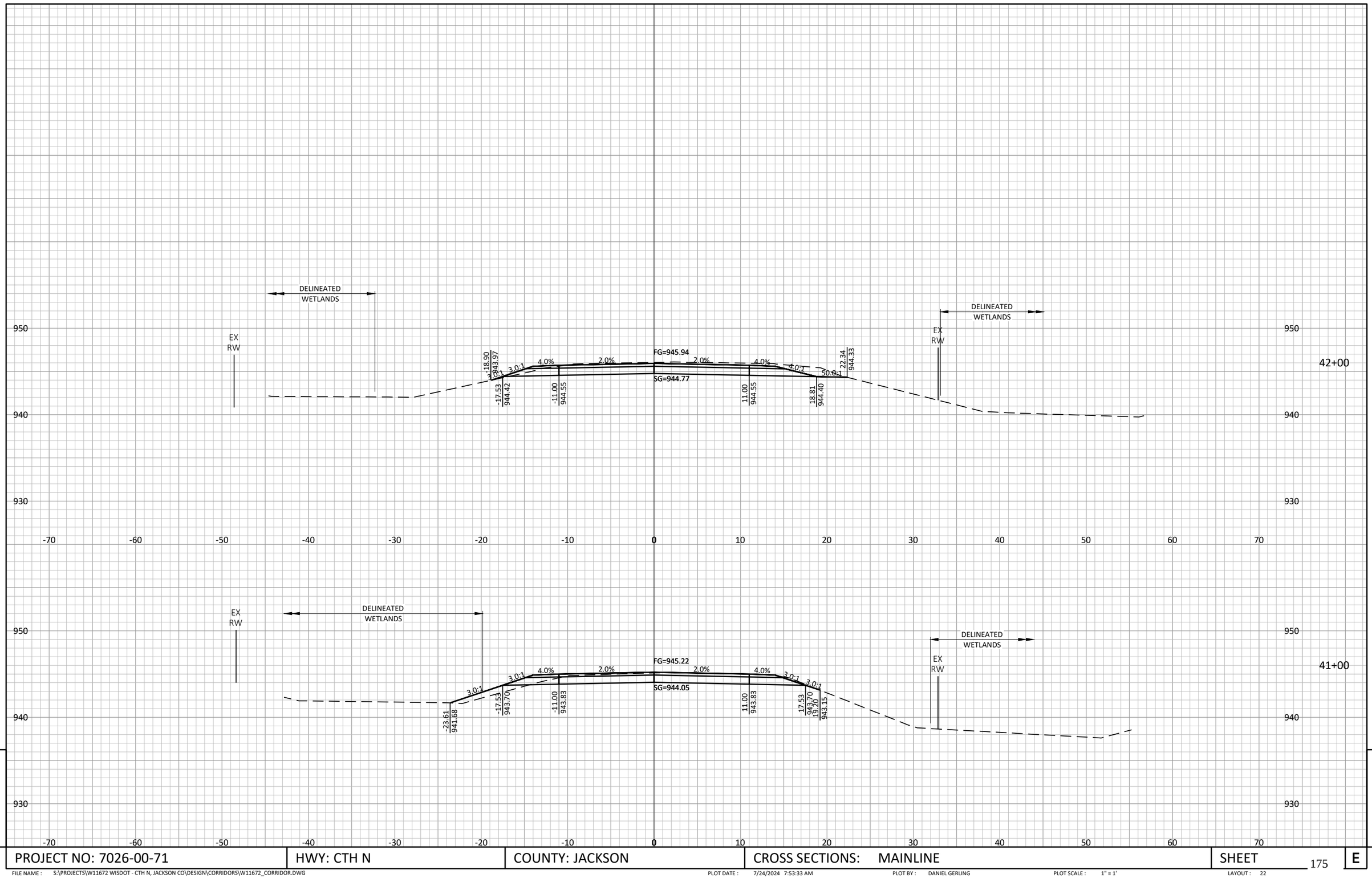
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 173 E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:53:00 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 20



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 174	E

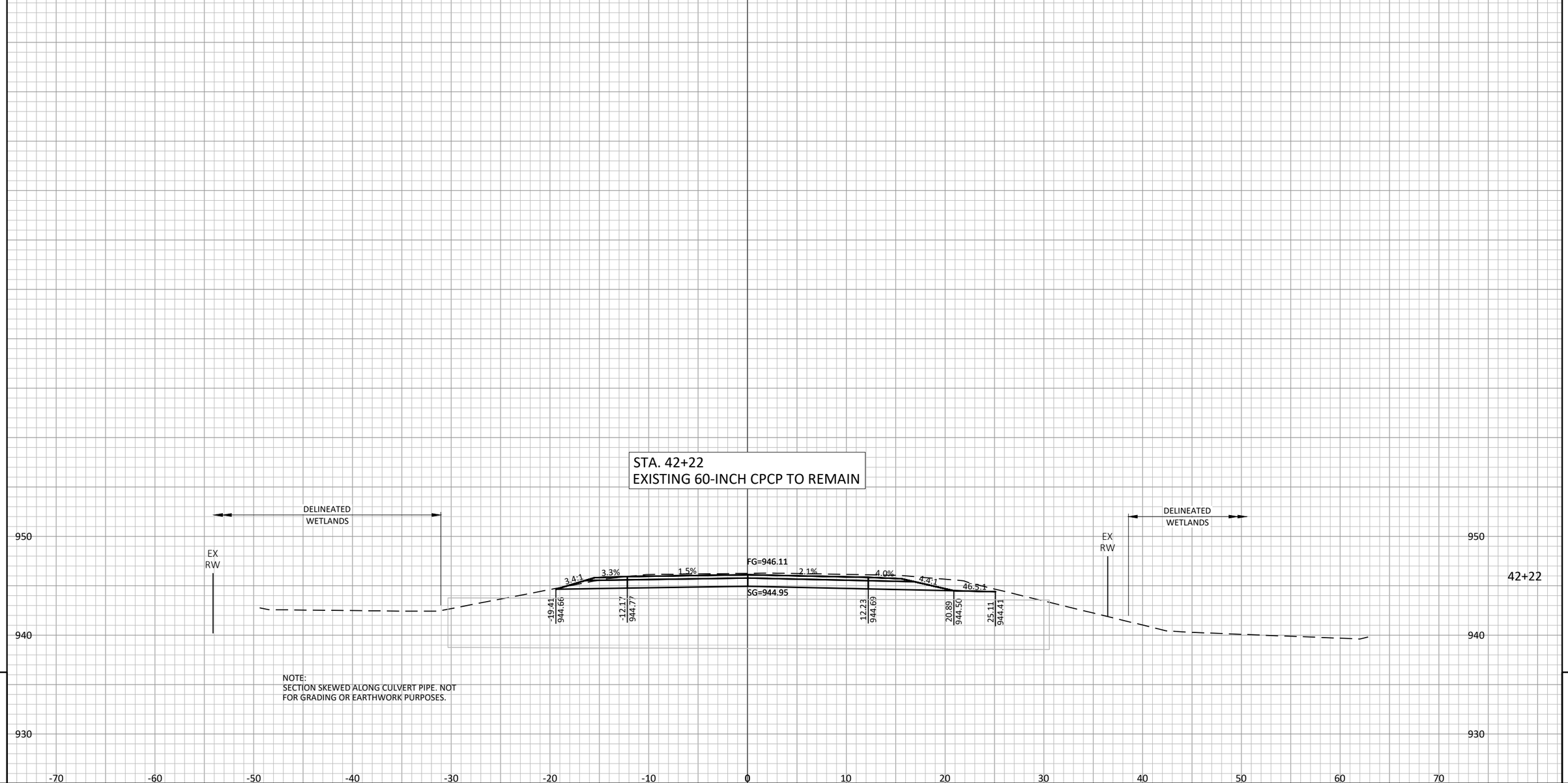
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:53:16 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 21



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 175	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:53:33 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 22

STA. 42+22
EXISTING 60-INCH CPCP TO REMAIN

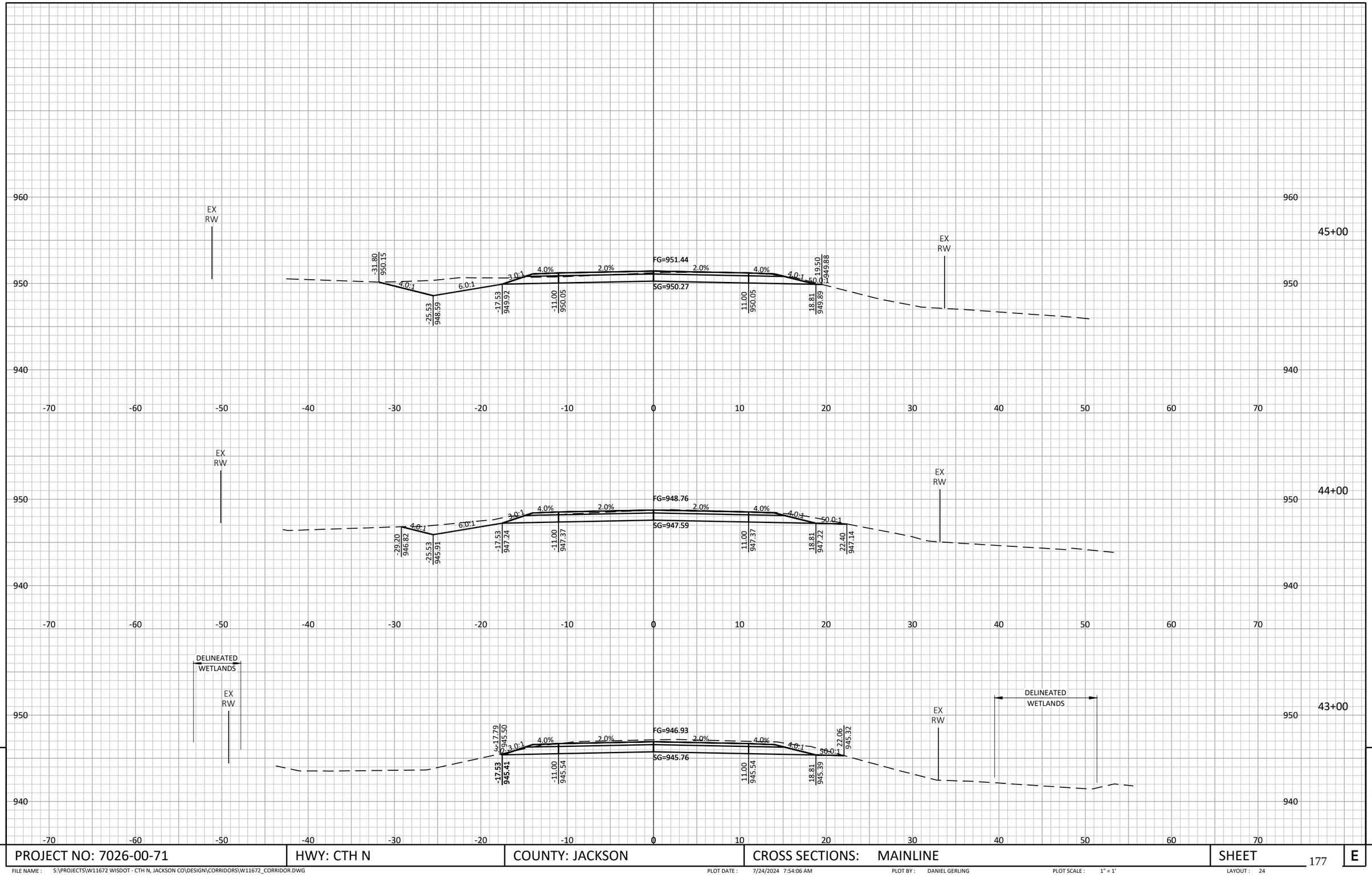


NOTE:
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING OR EARTHWORK PURPOSES.

9

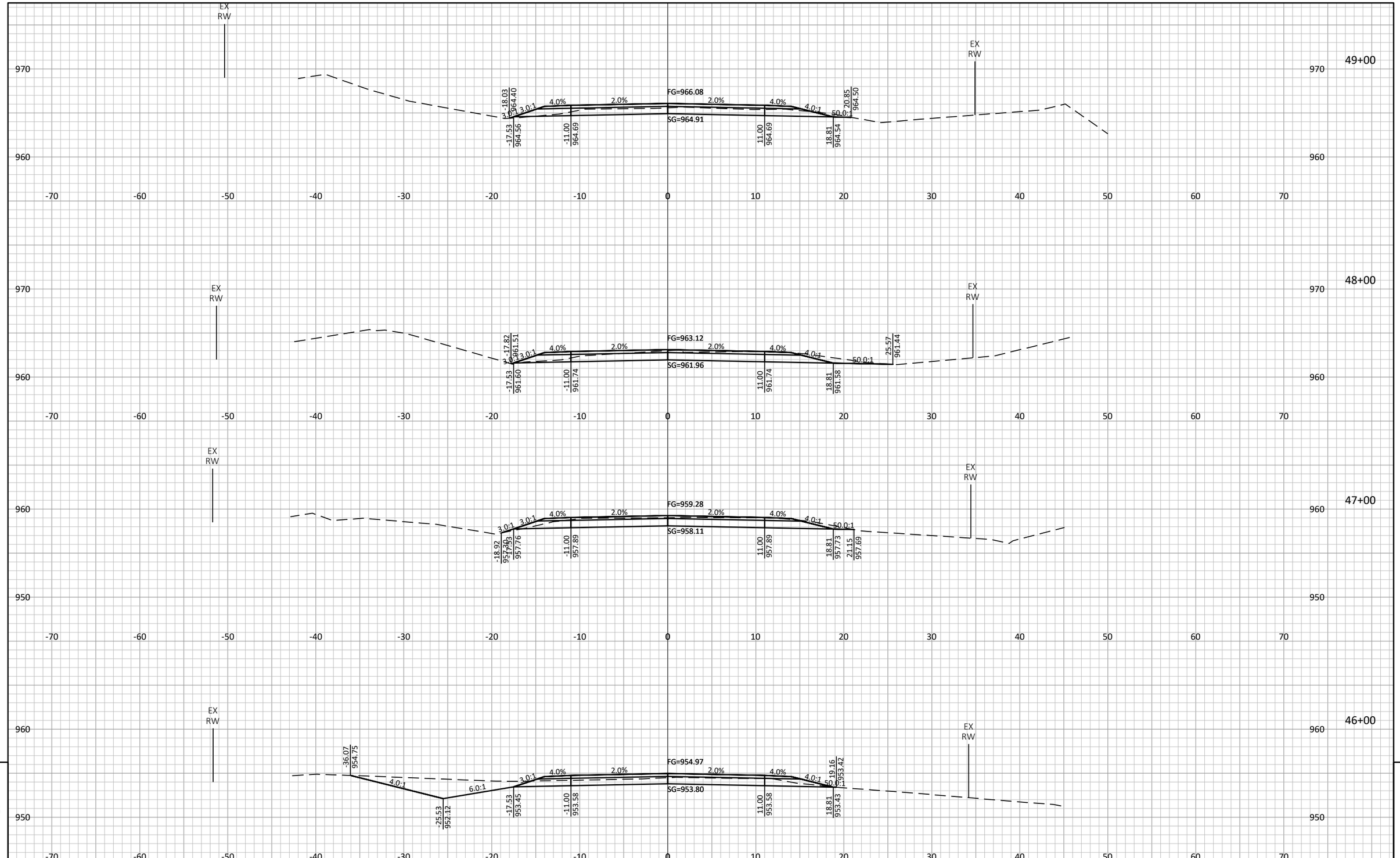
9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 176	E



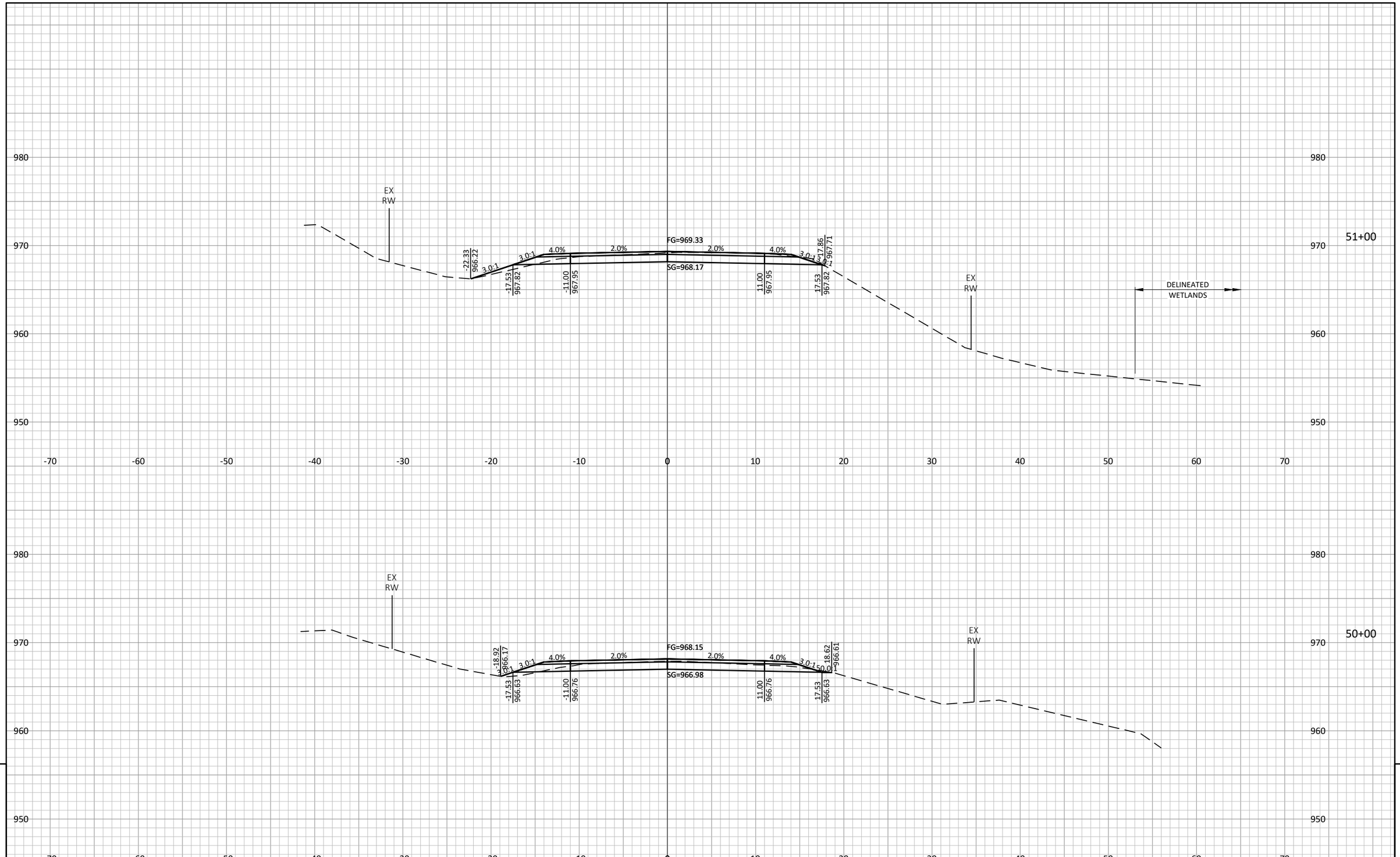
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 177	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:54:06 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 24



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 178	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:54:23 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 25

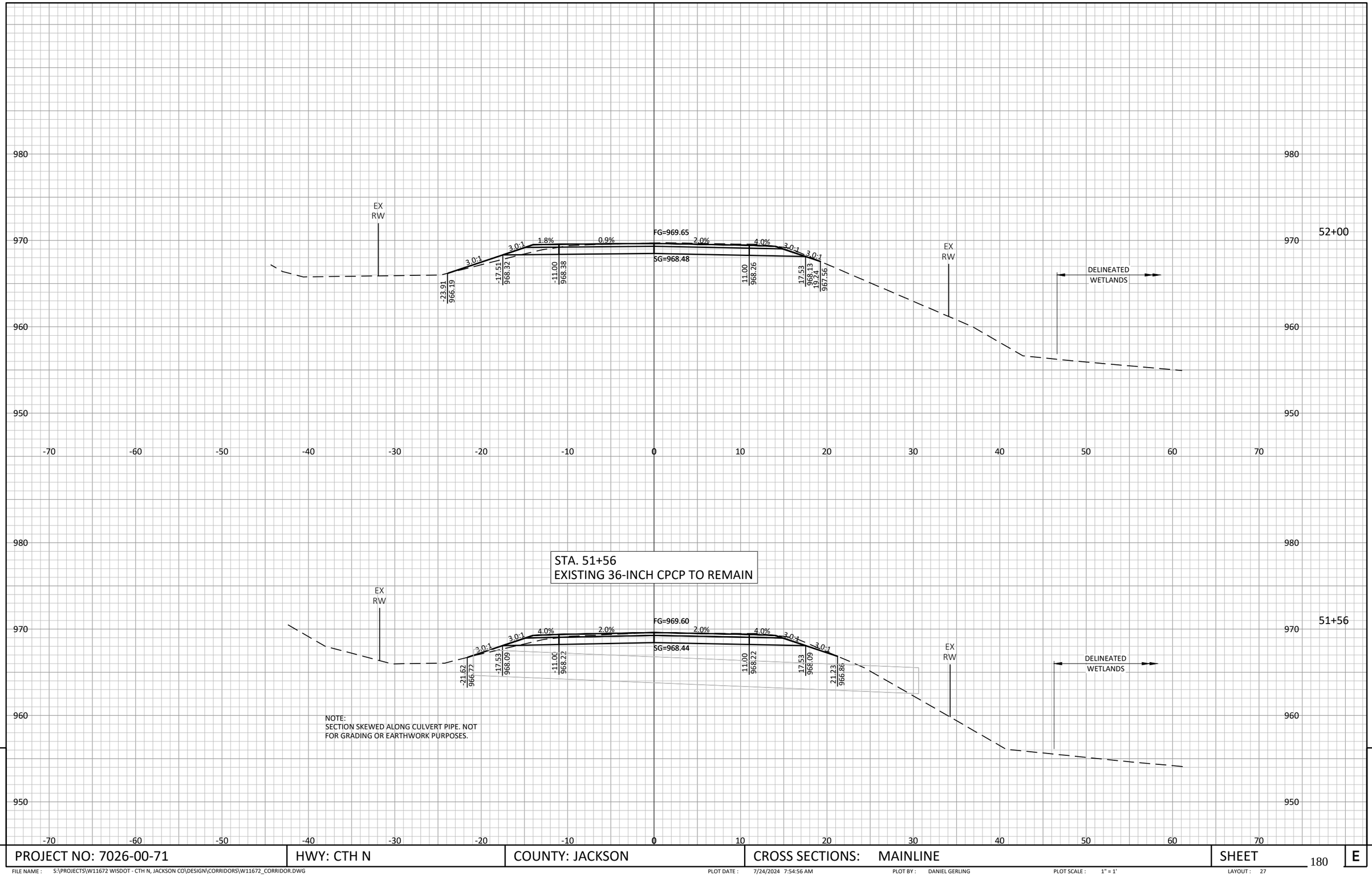


9

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PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 179	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:54:39 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 26

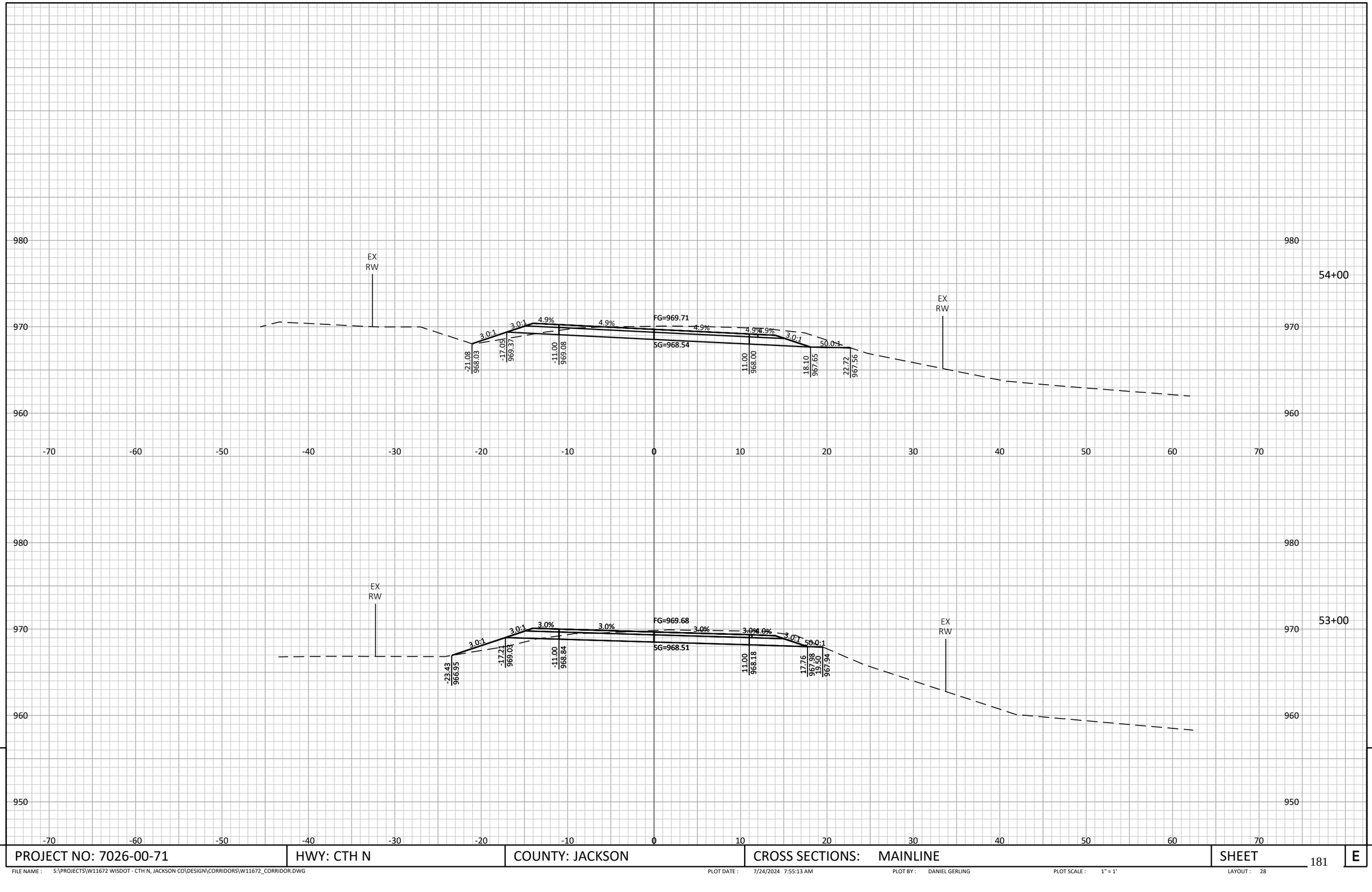


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 180	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:54:56 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 27

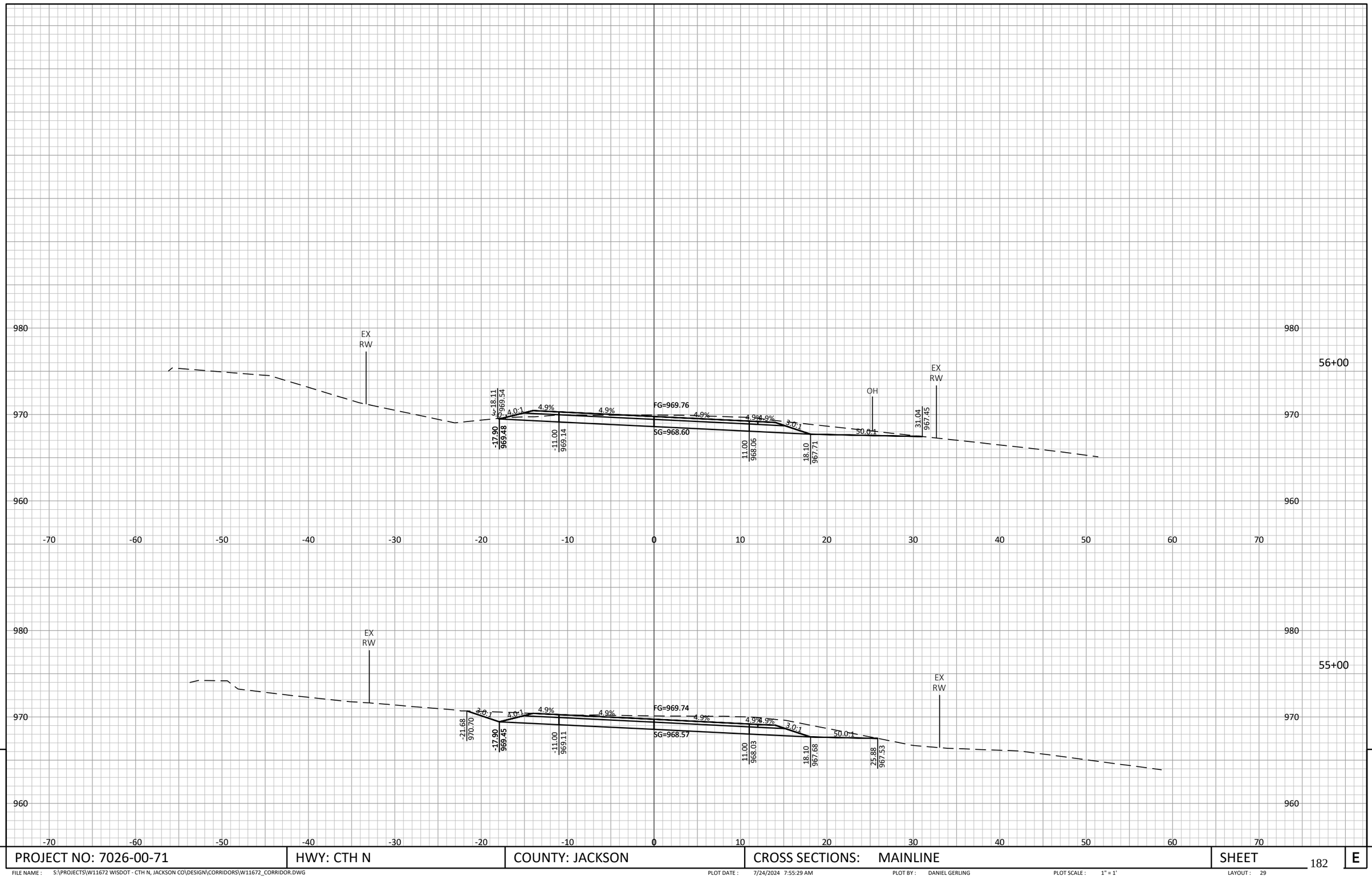


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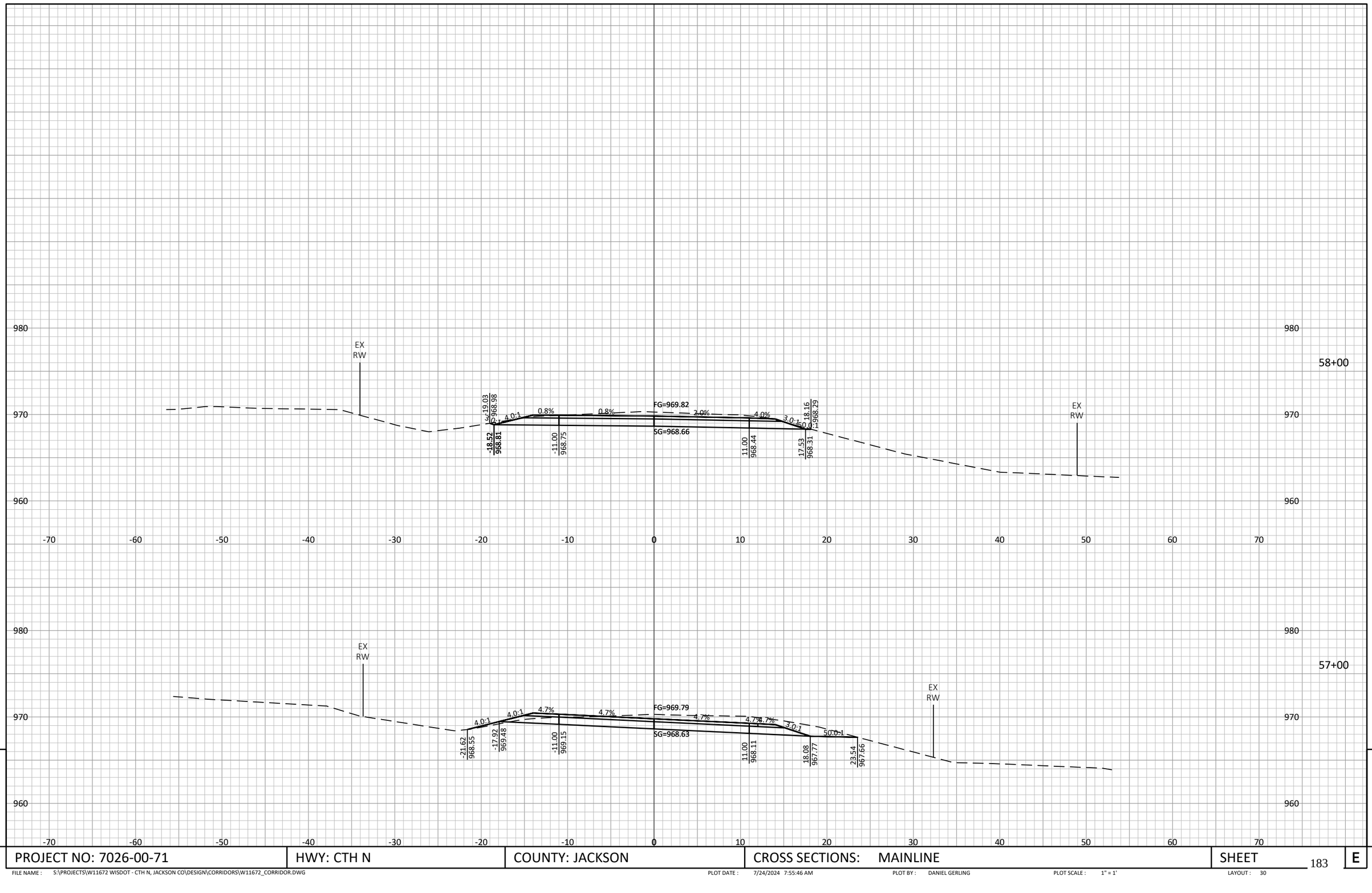
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:55:13 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 28



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:55:29 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 29

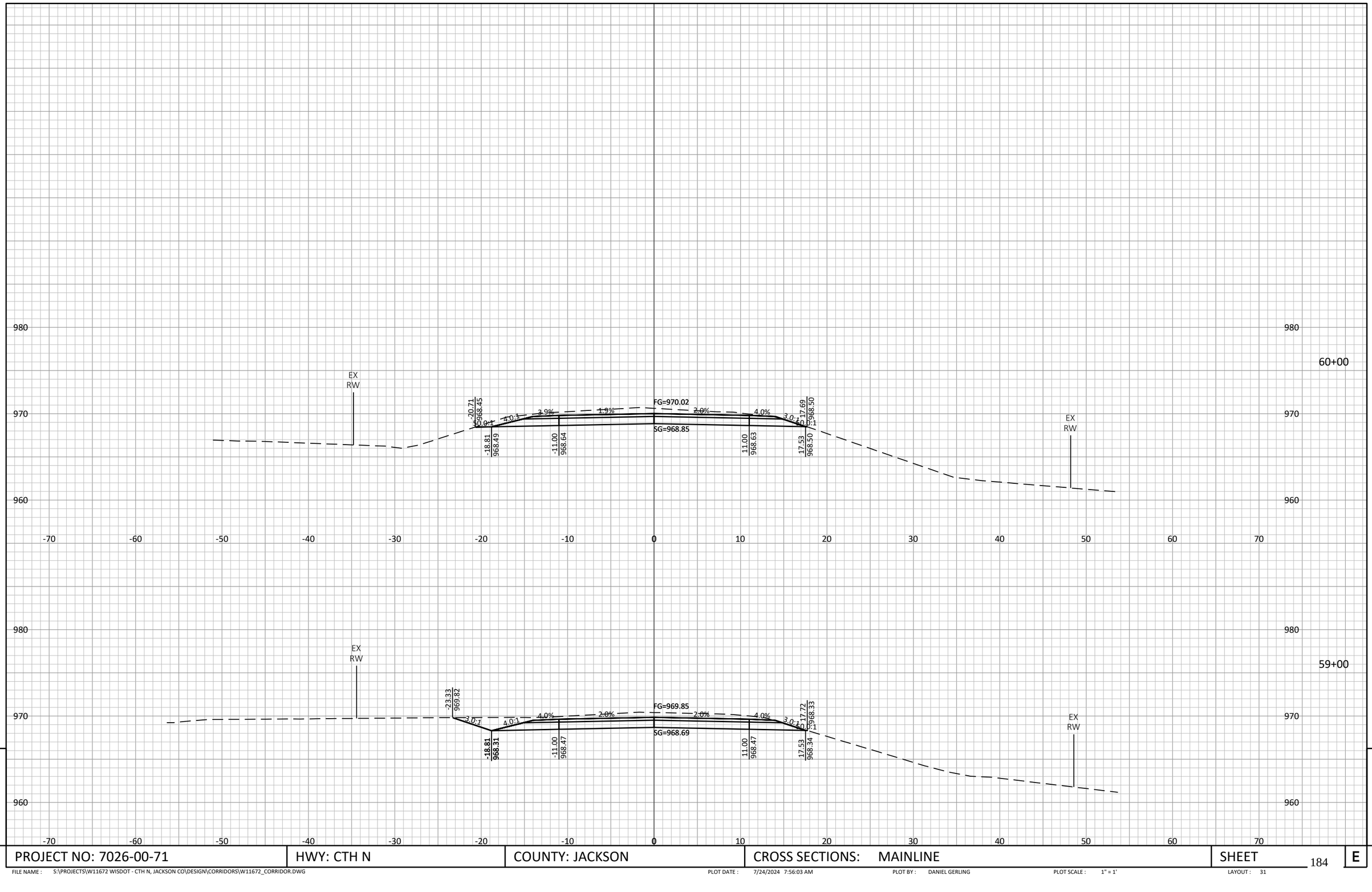


9

9

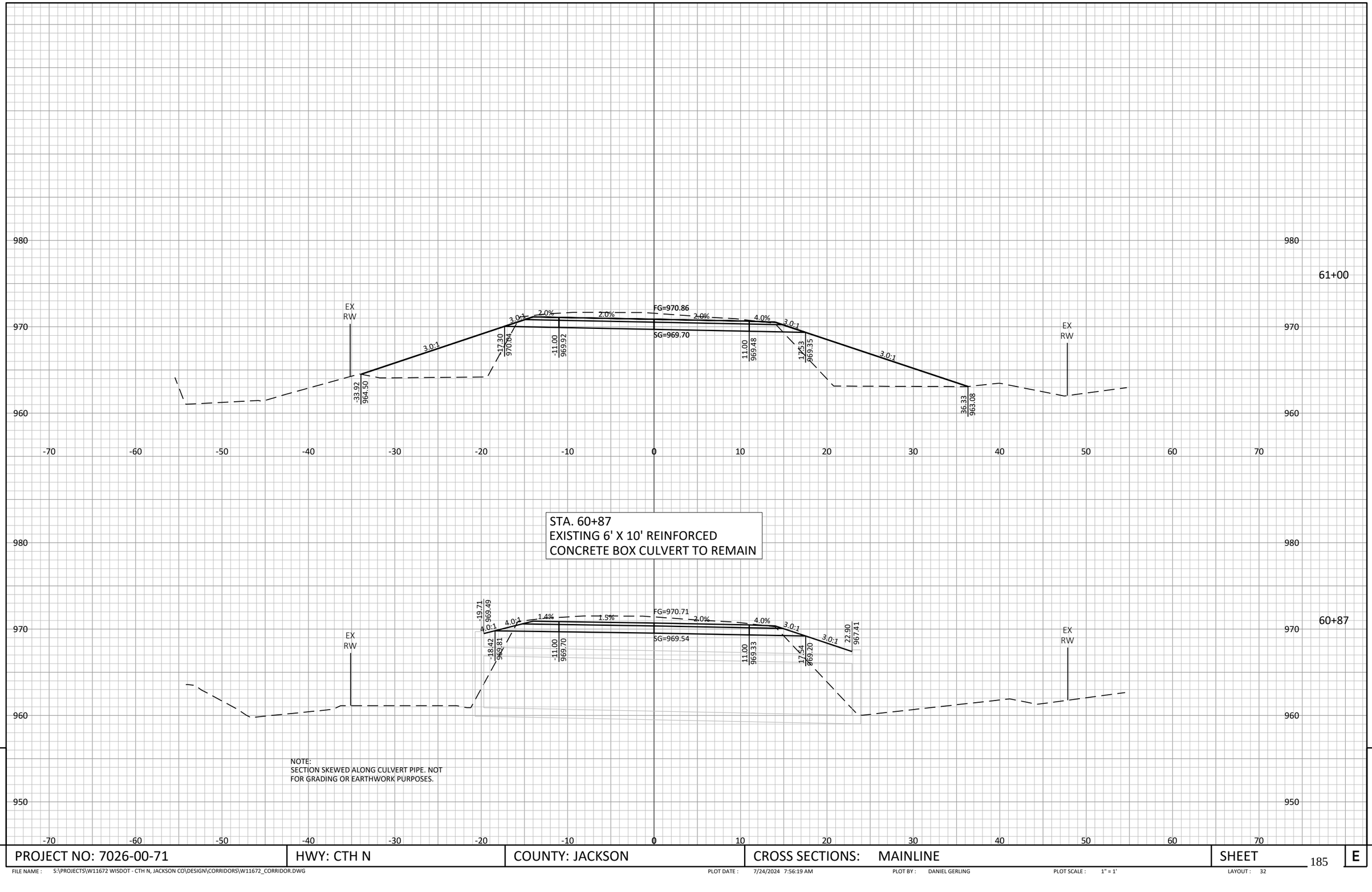
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:55:46 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 30



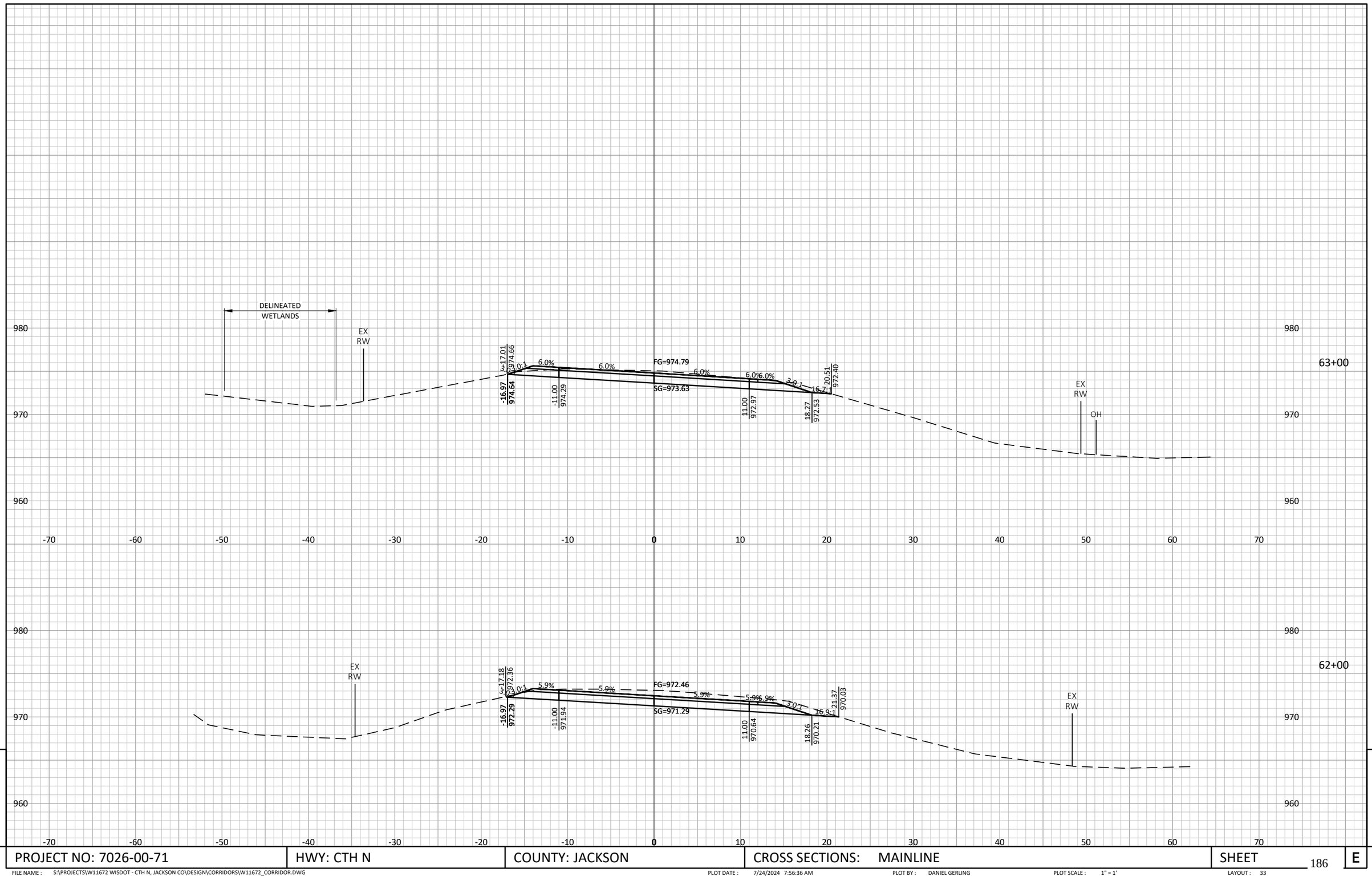
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:56:03 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 31



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

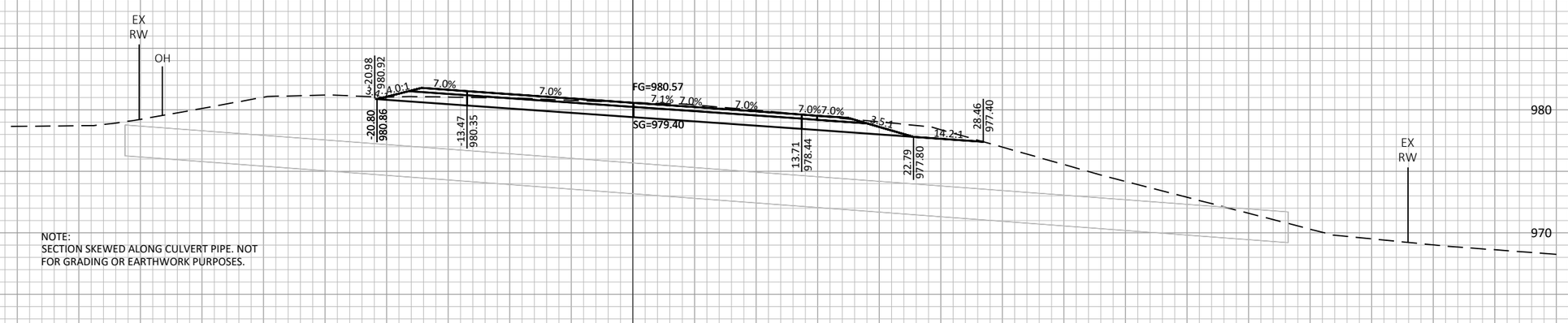
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:56:19 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 32

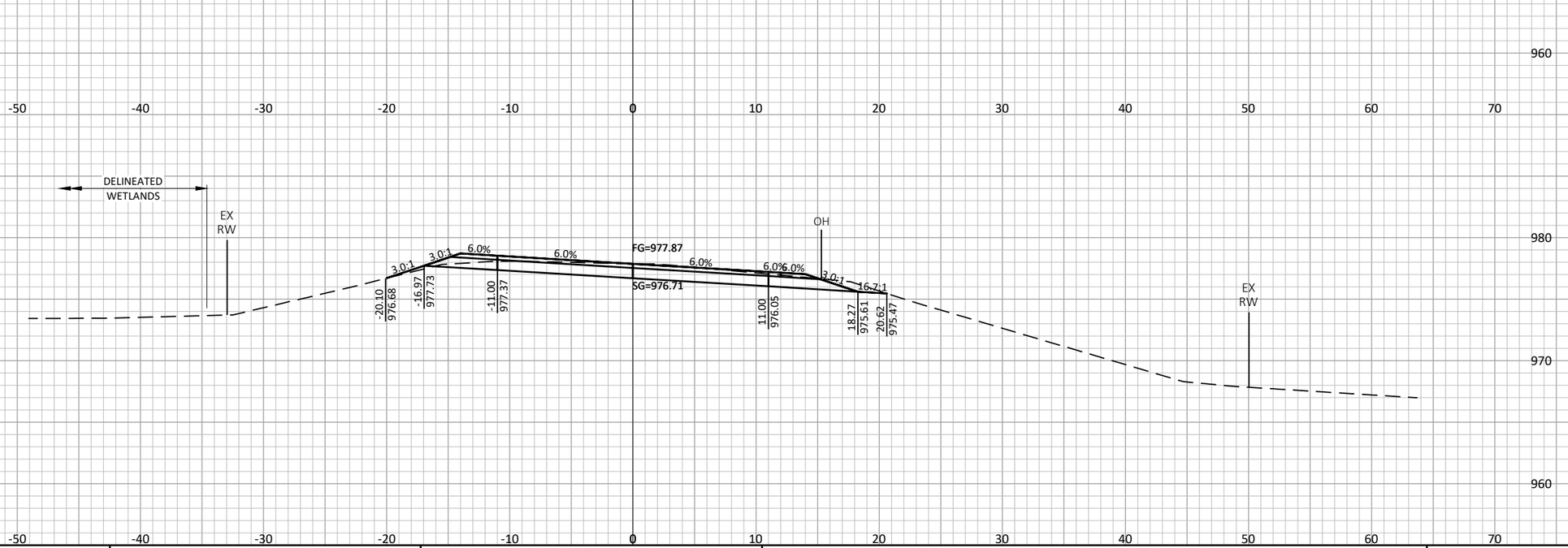


PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:56:36 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 33

STA. 64+74
EXISTING 30-INCH CPCM TO REMAIN



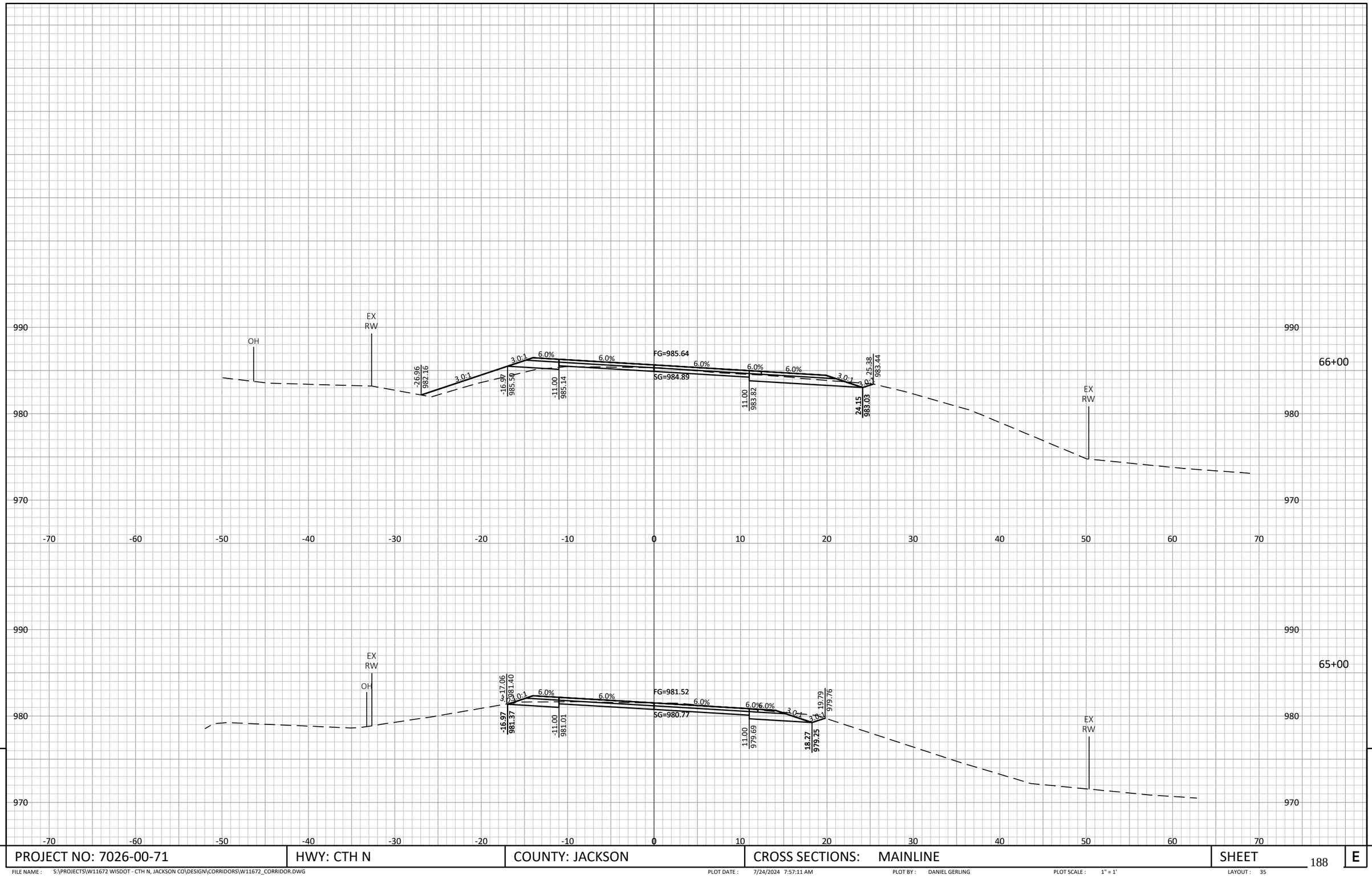


9

9

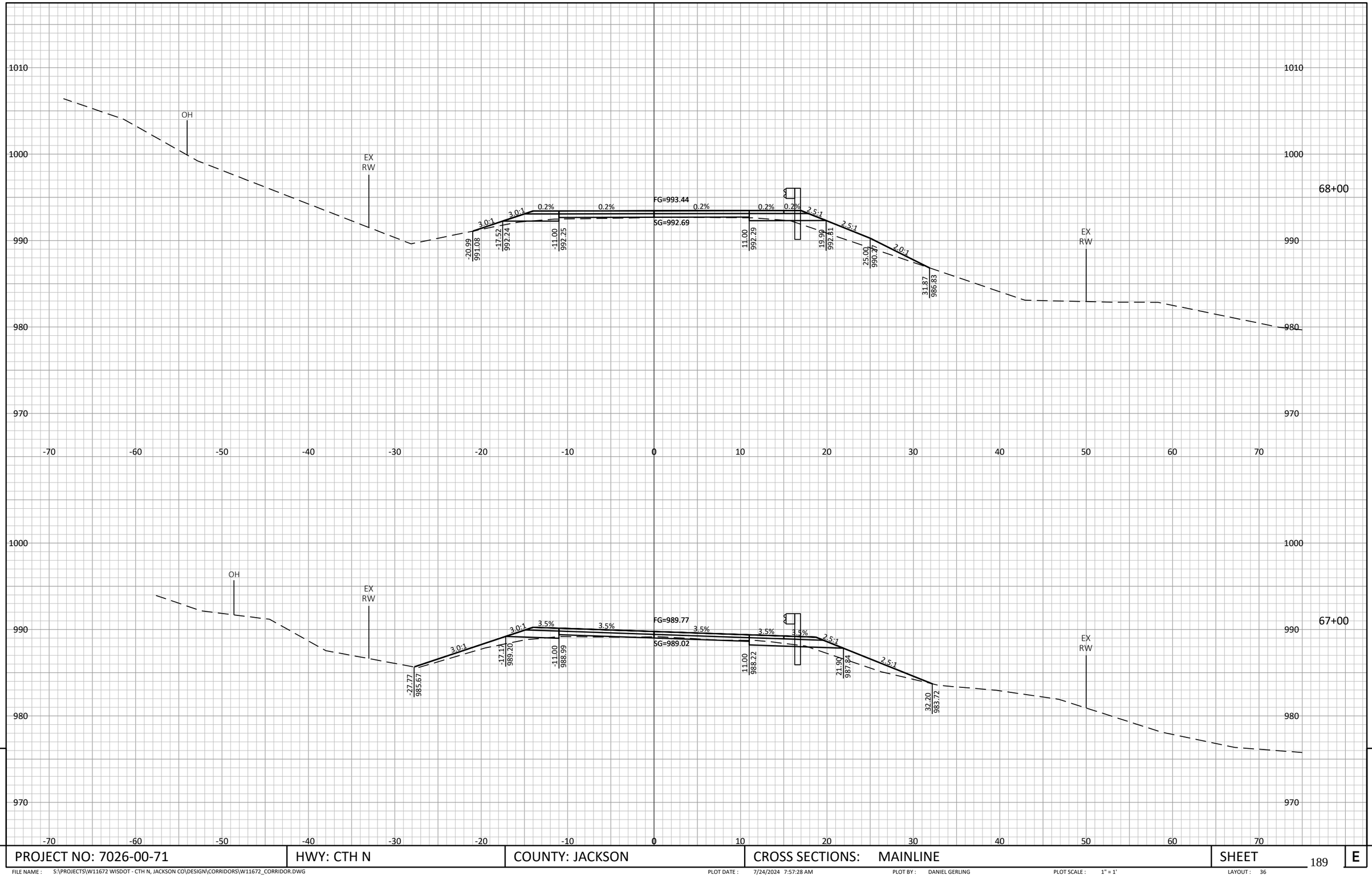
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:56:53 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 34



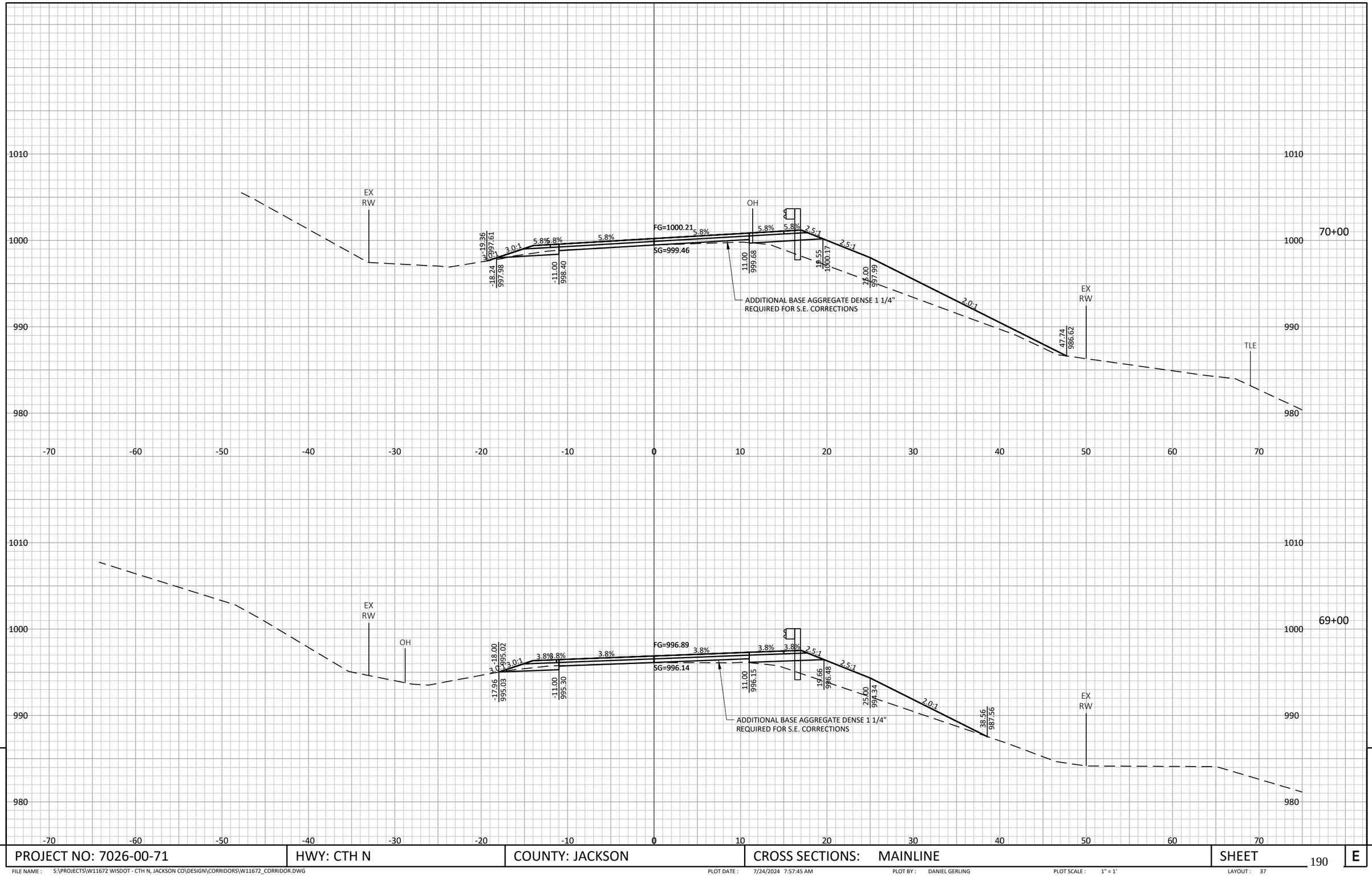
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:57:11 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 35



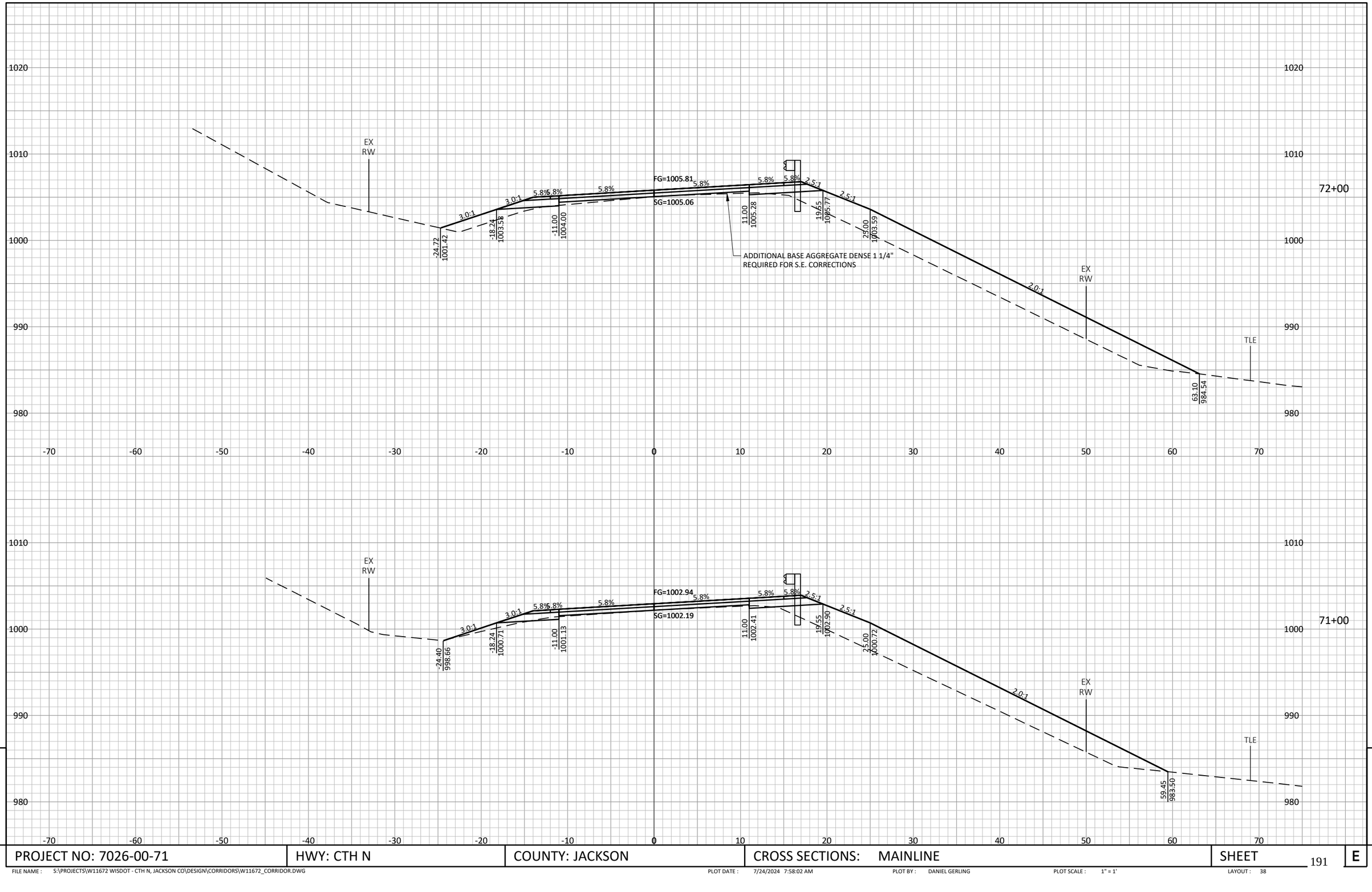
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 189	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:57:28 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 36



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:57:45 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 37

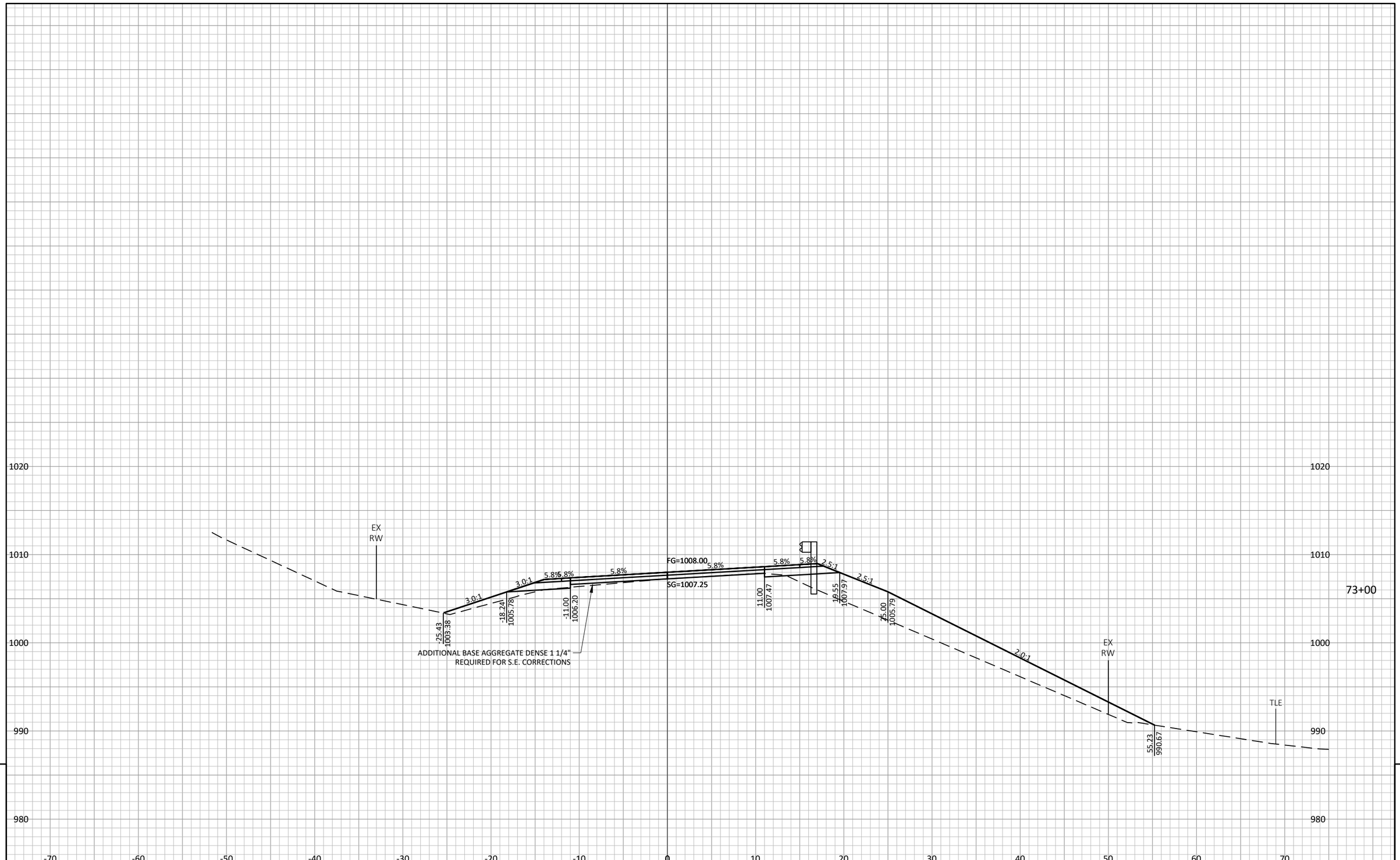


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

9

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:58:02 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 38

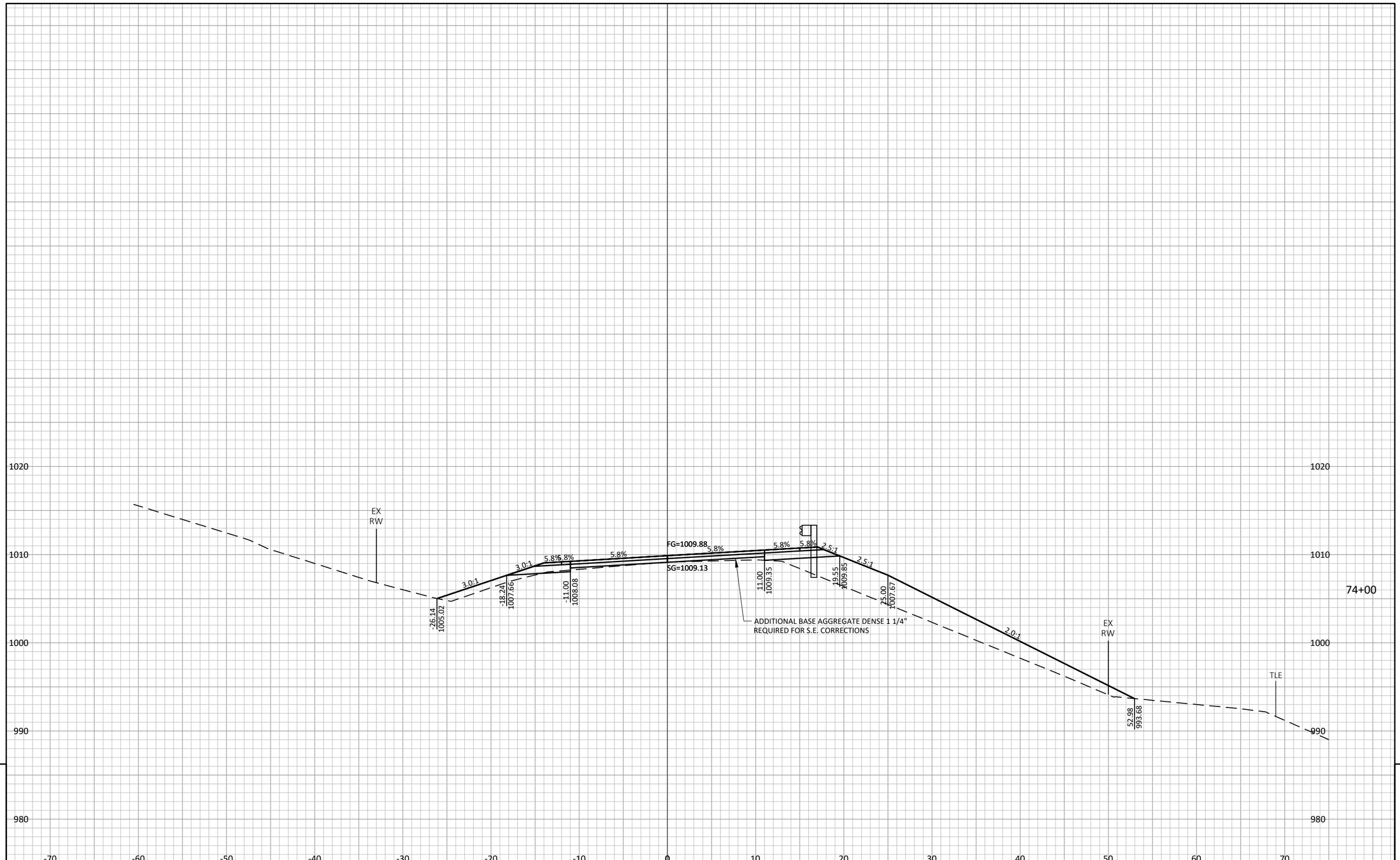


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

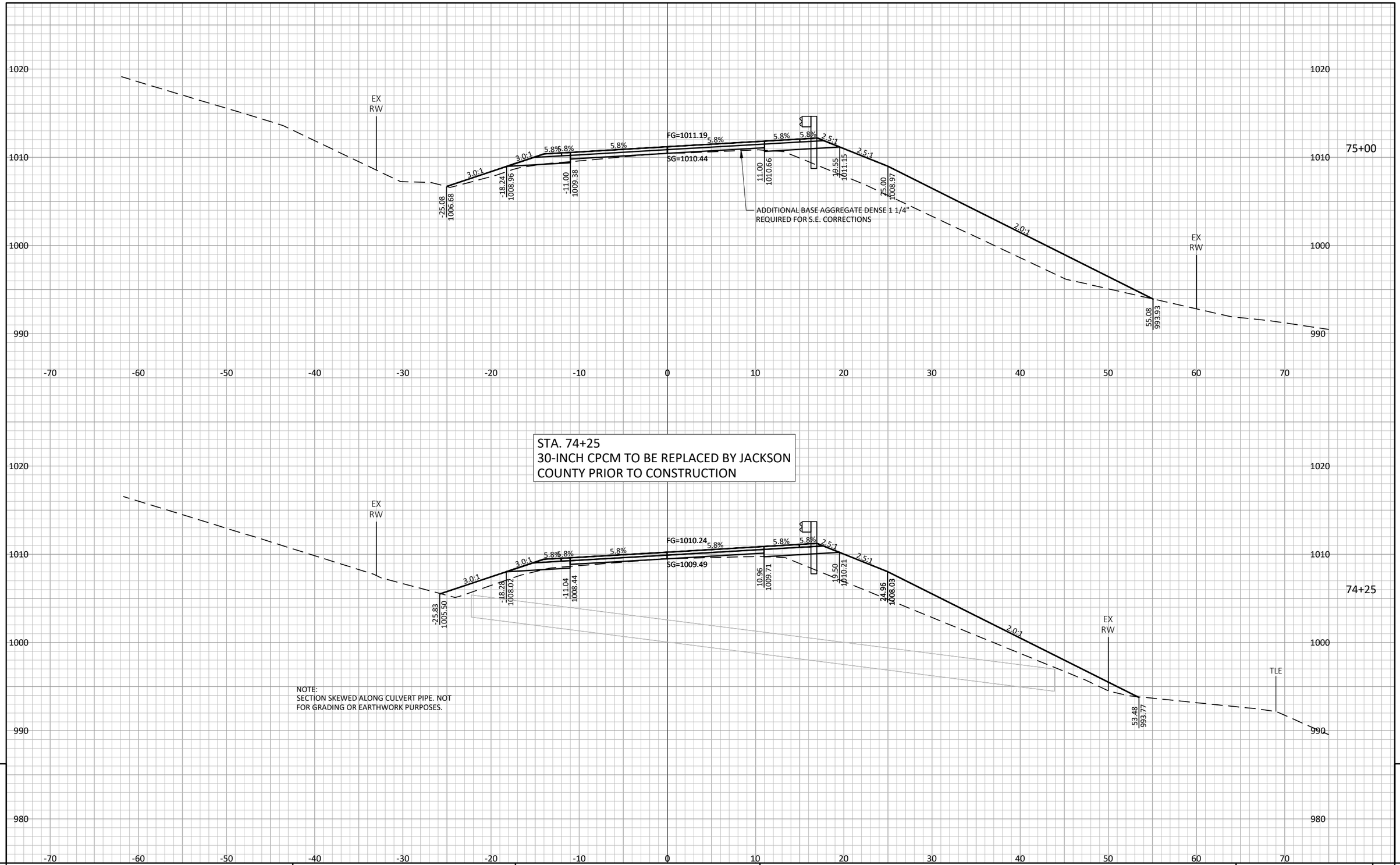
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:58:18 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 39



9

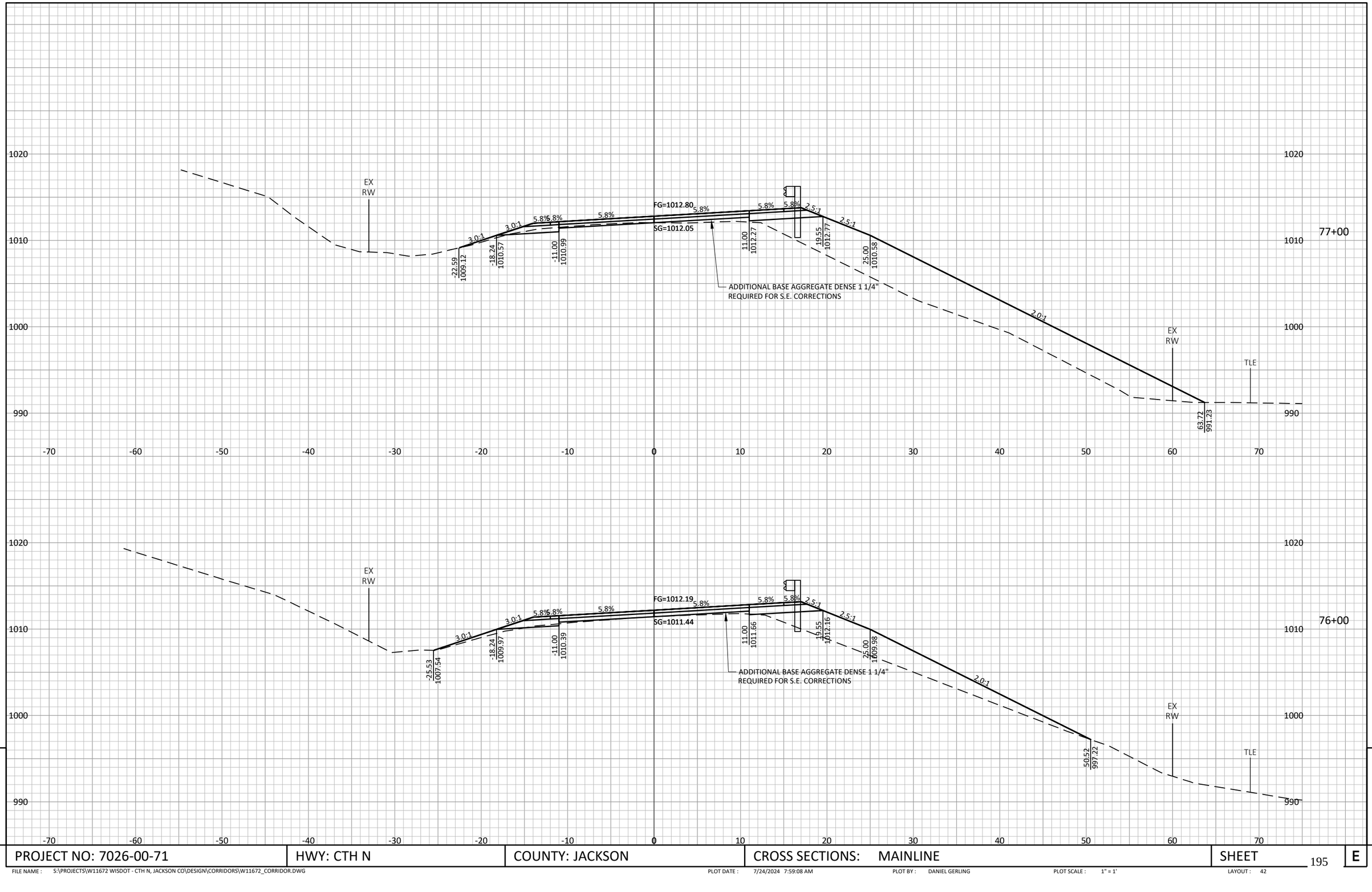
9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 193	E



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 194

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:58:51 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 41

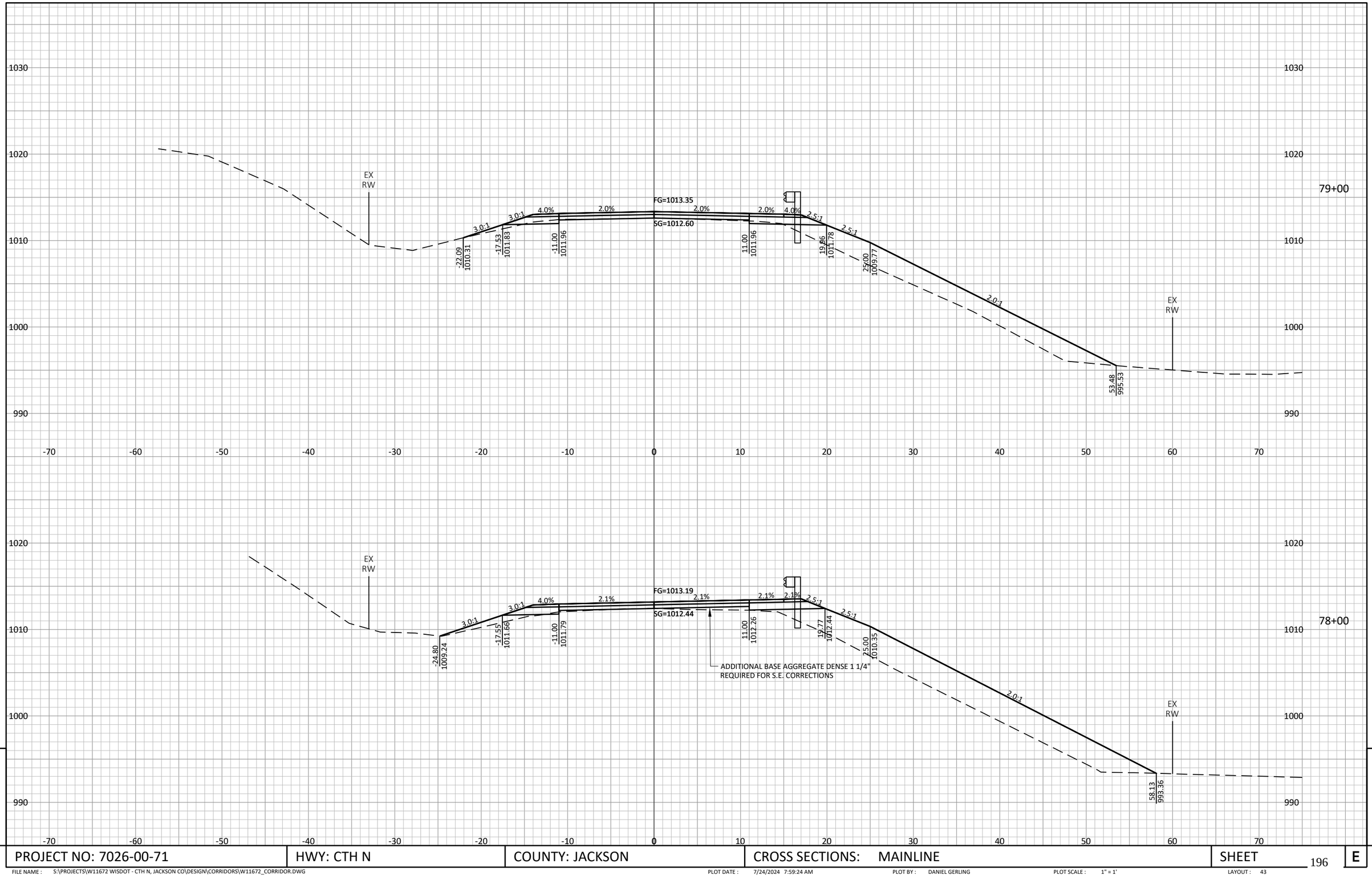


9

9

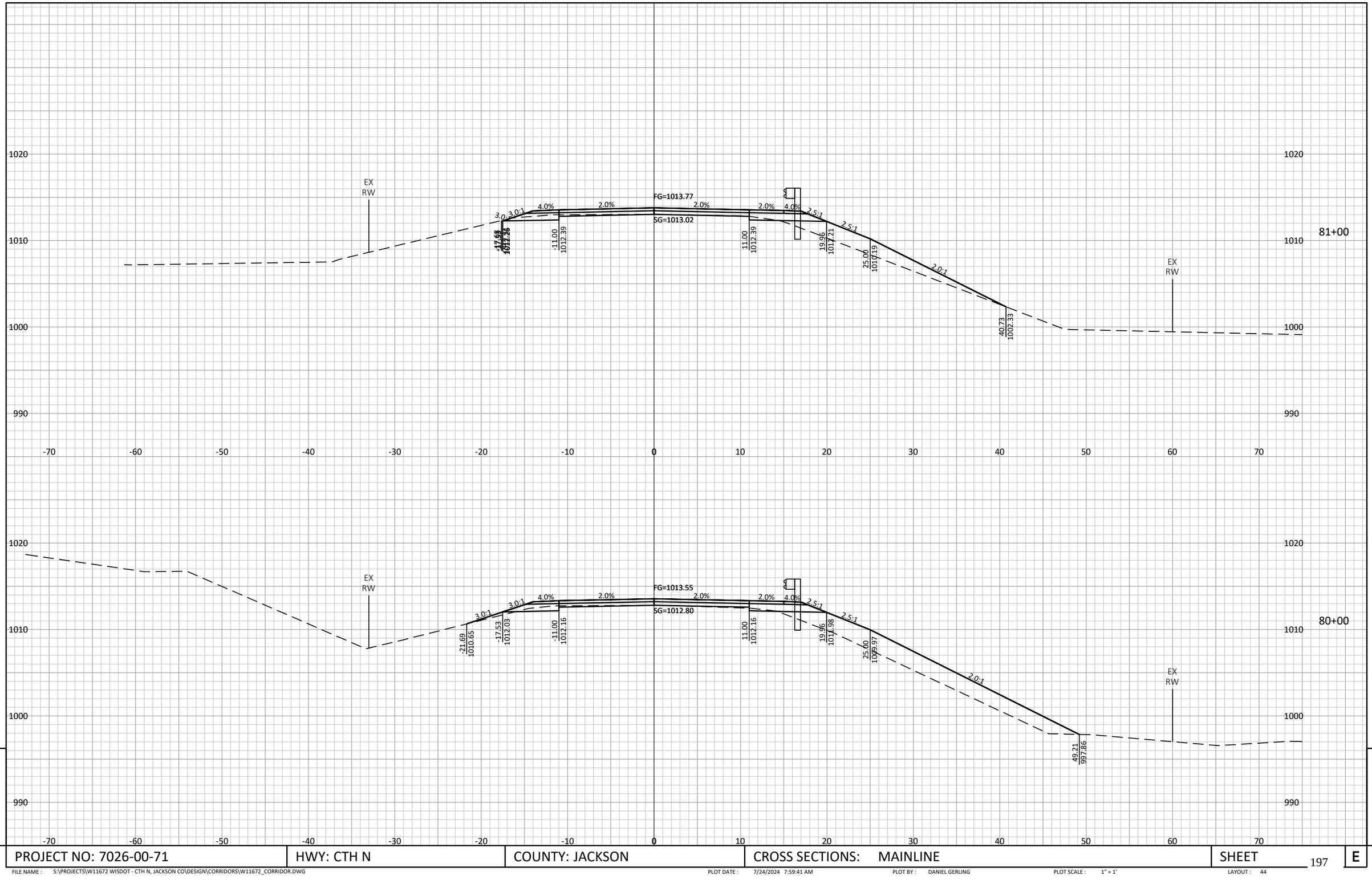
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 195	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:59:08 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 42



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

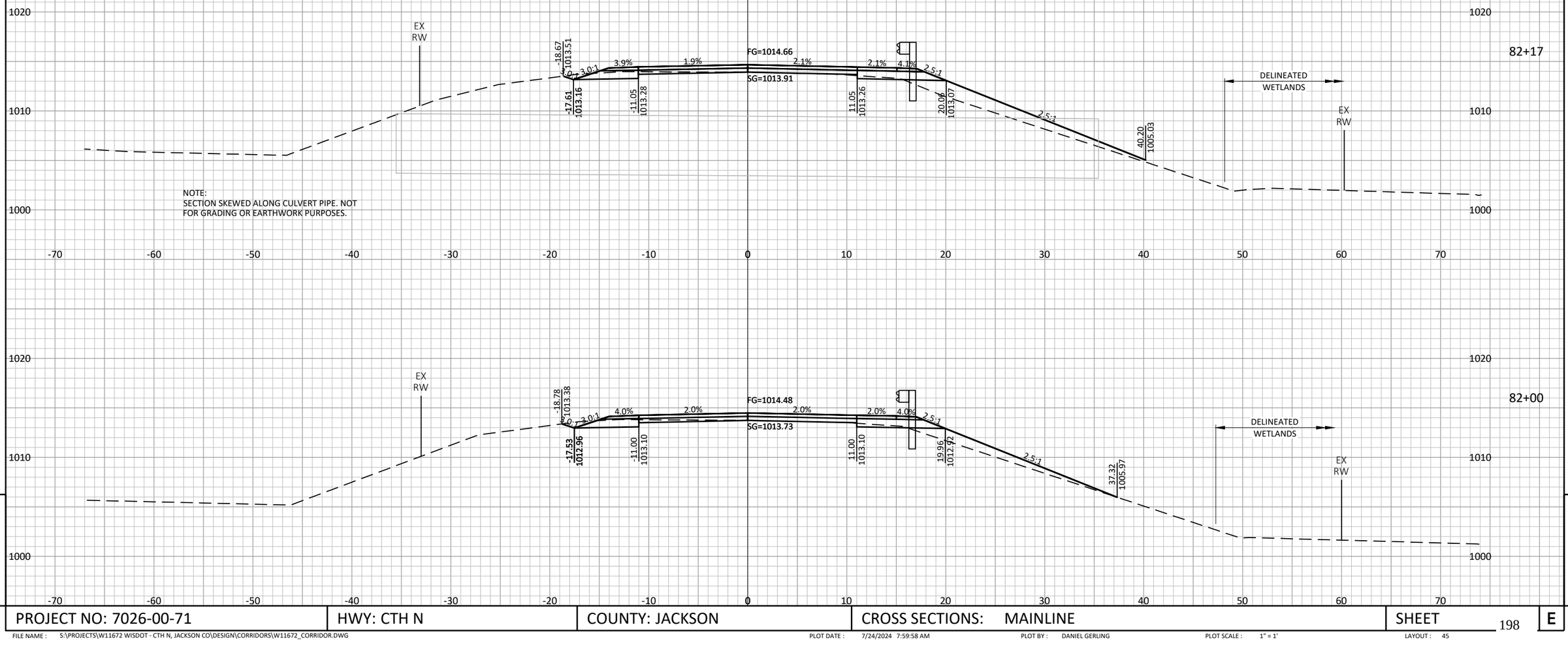
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:59:24 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 43



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:59:41 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 44

STA. 82+17
EXISTING 72-INCH CPCM TO REMAIN



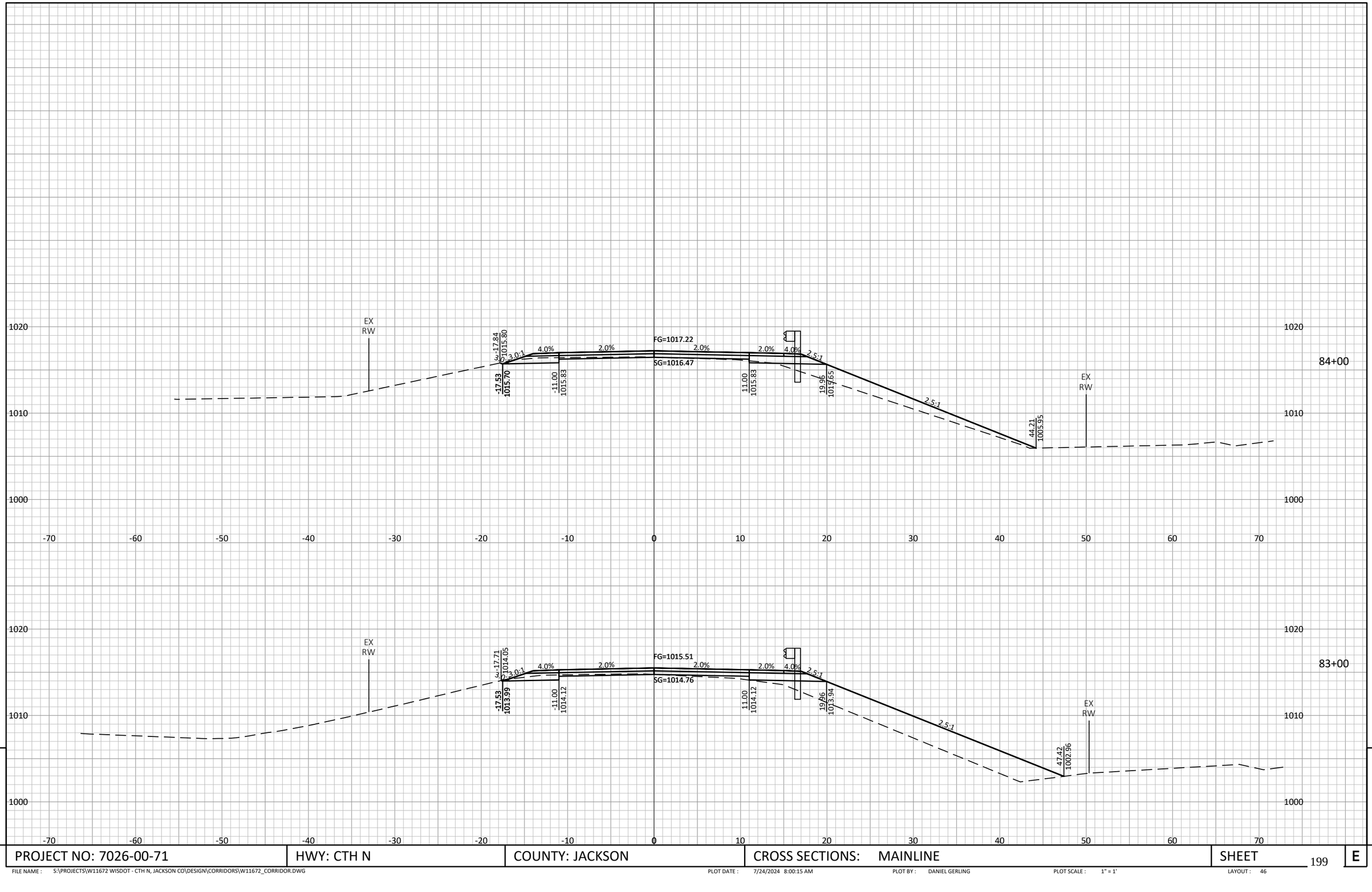
NOTE:
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING OR EARTHWORK PURPOSES.

9

9

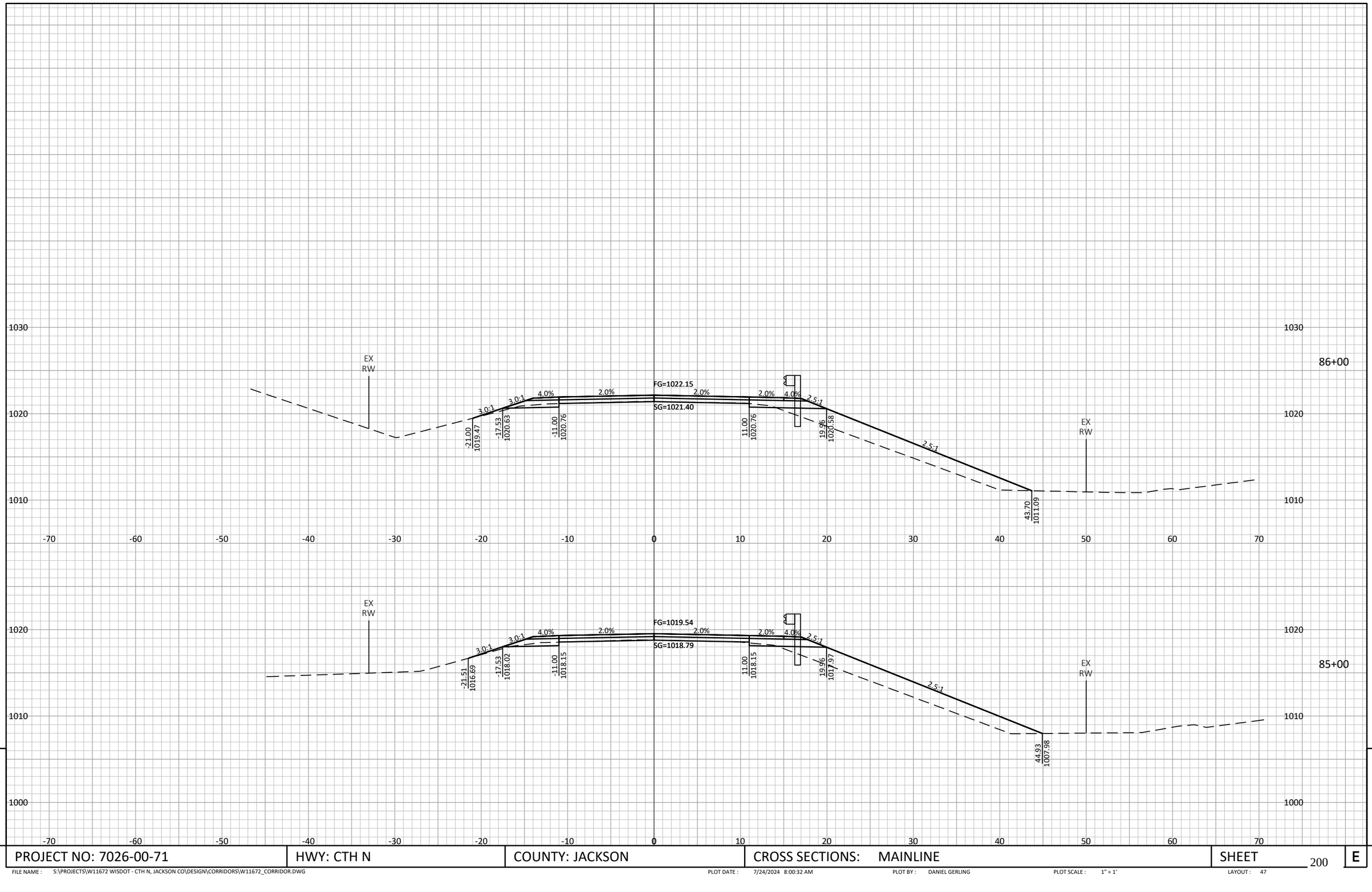
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 7:59:58 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 45



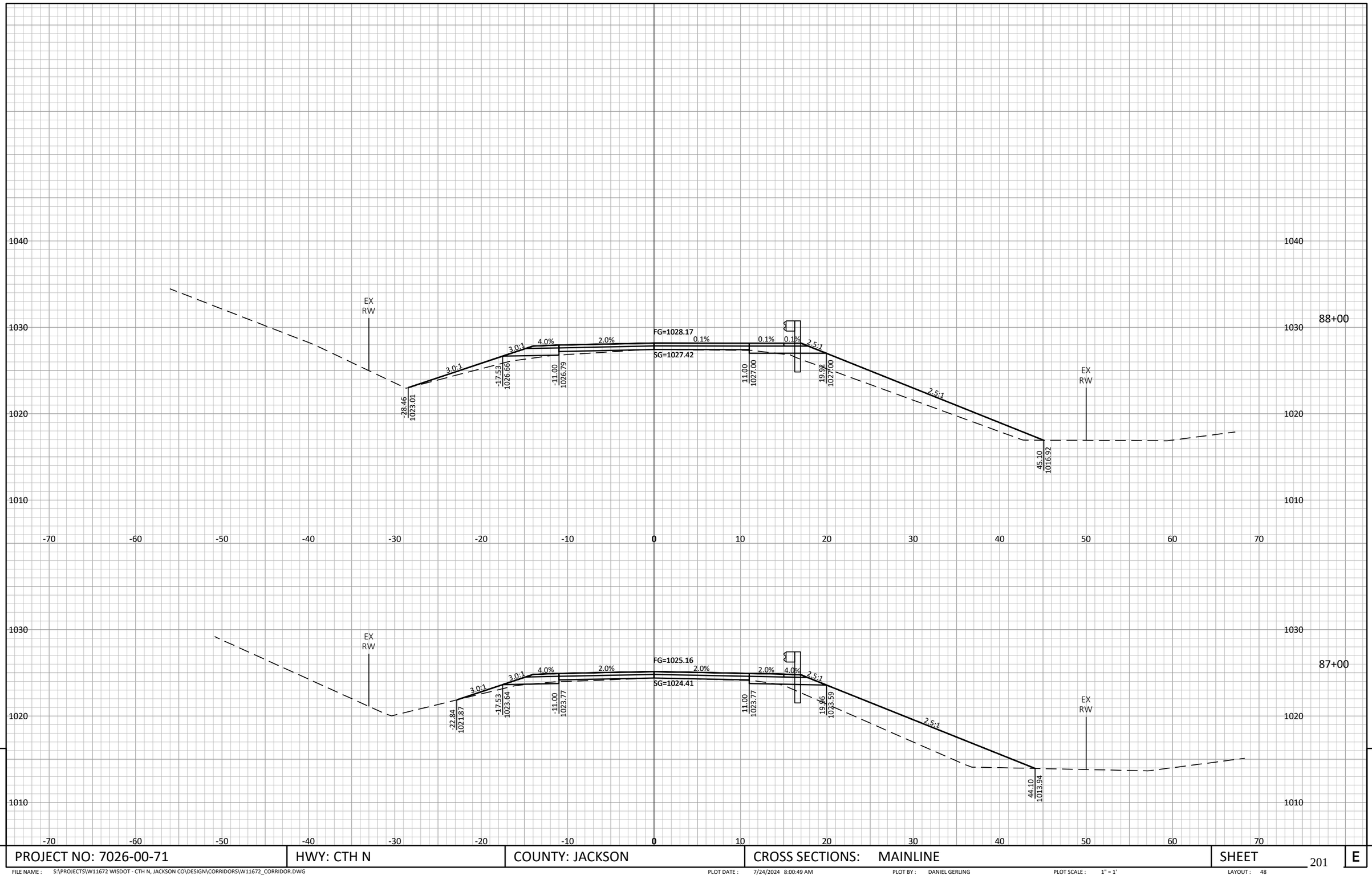
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:00:15 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 46



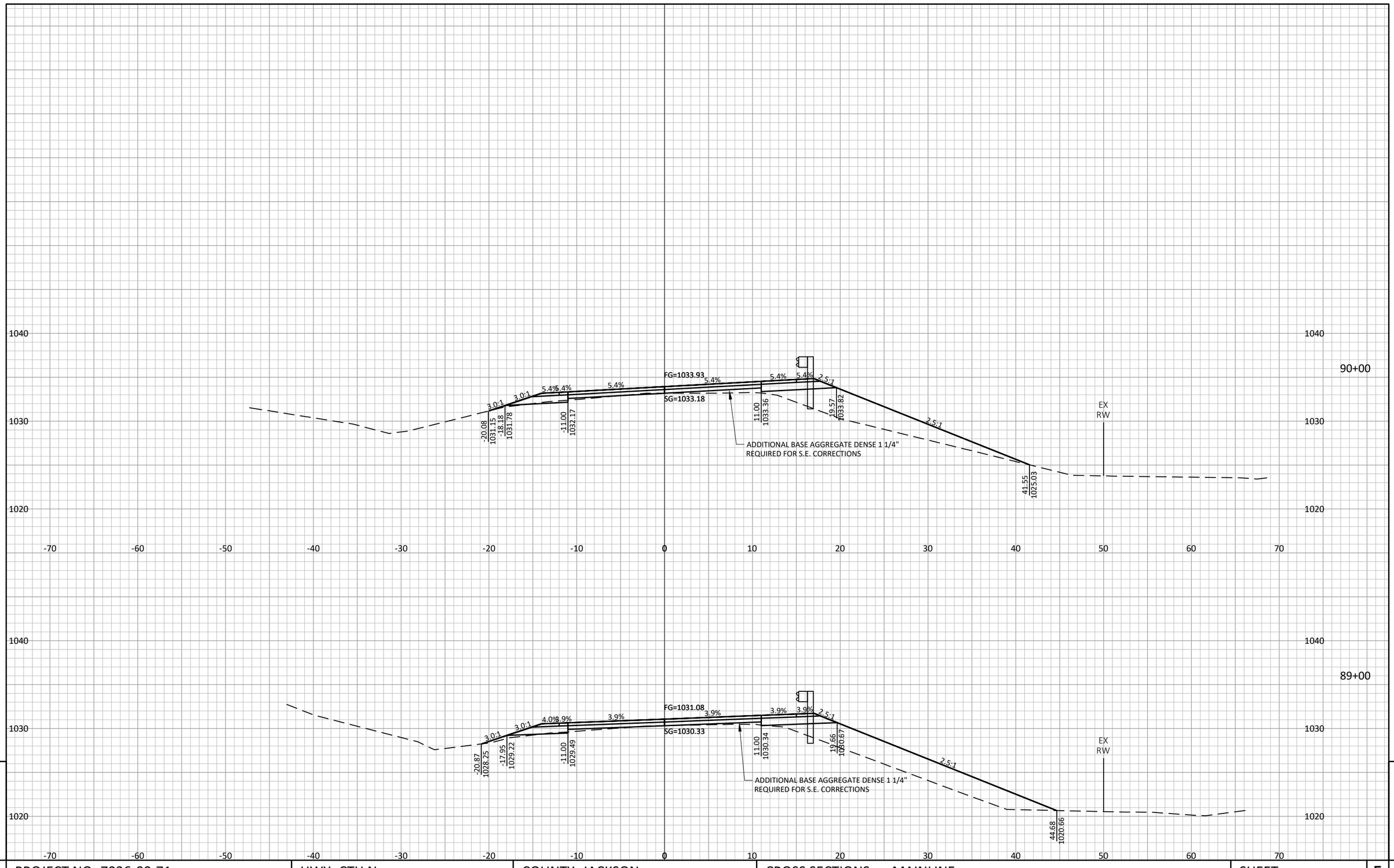
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	
				200	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:00:32 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 47



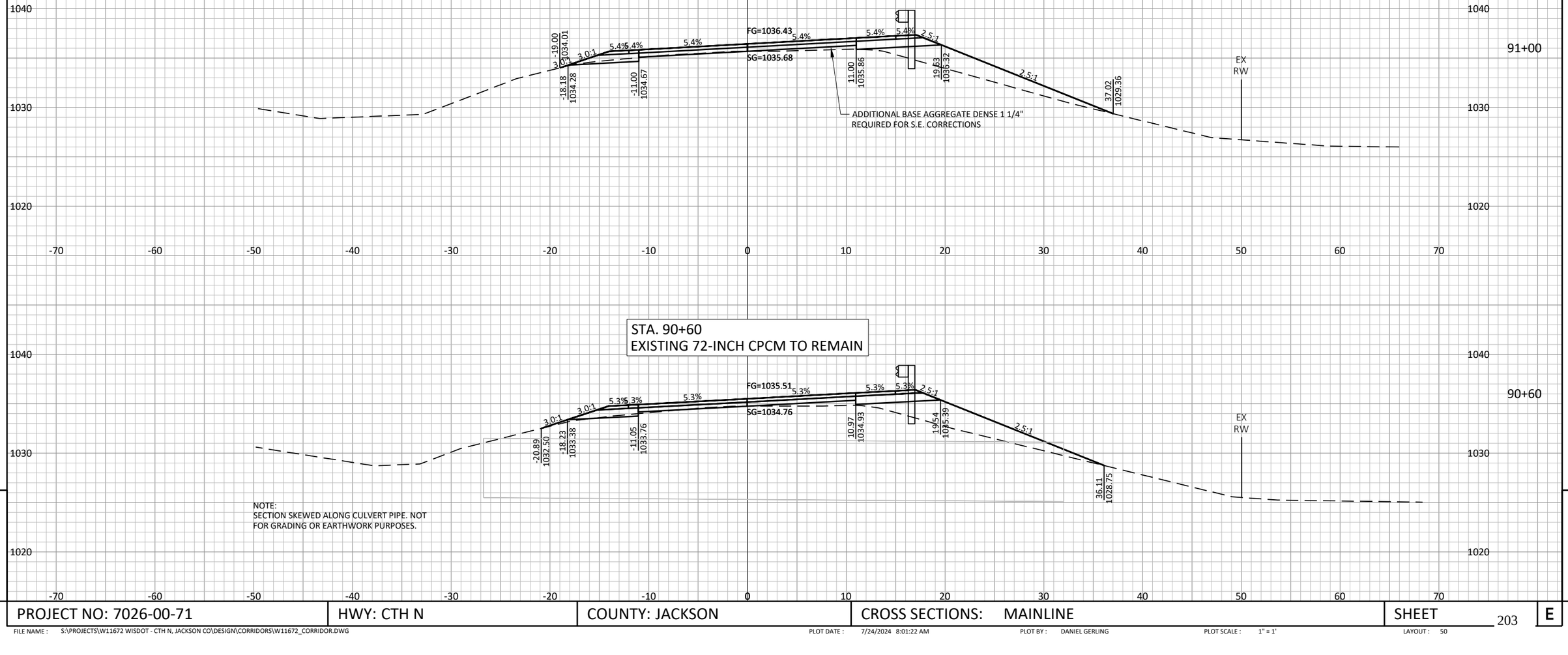
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:00:49 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 48



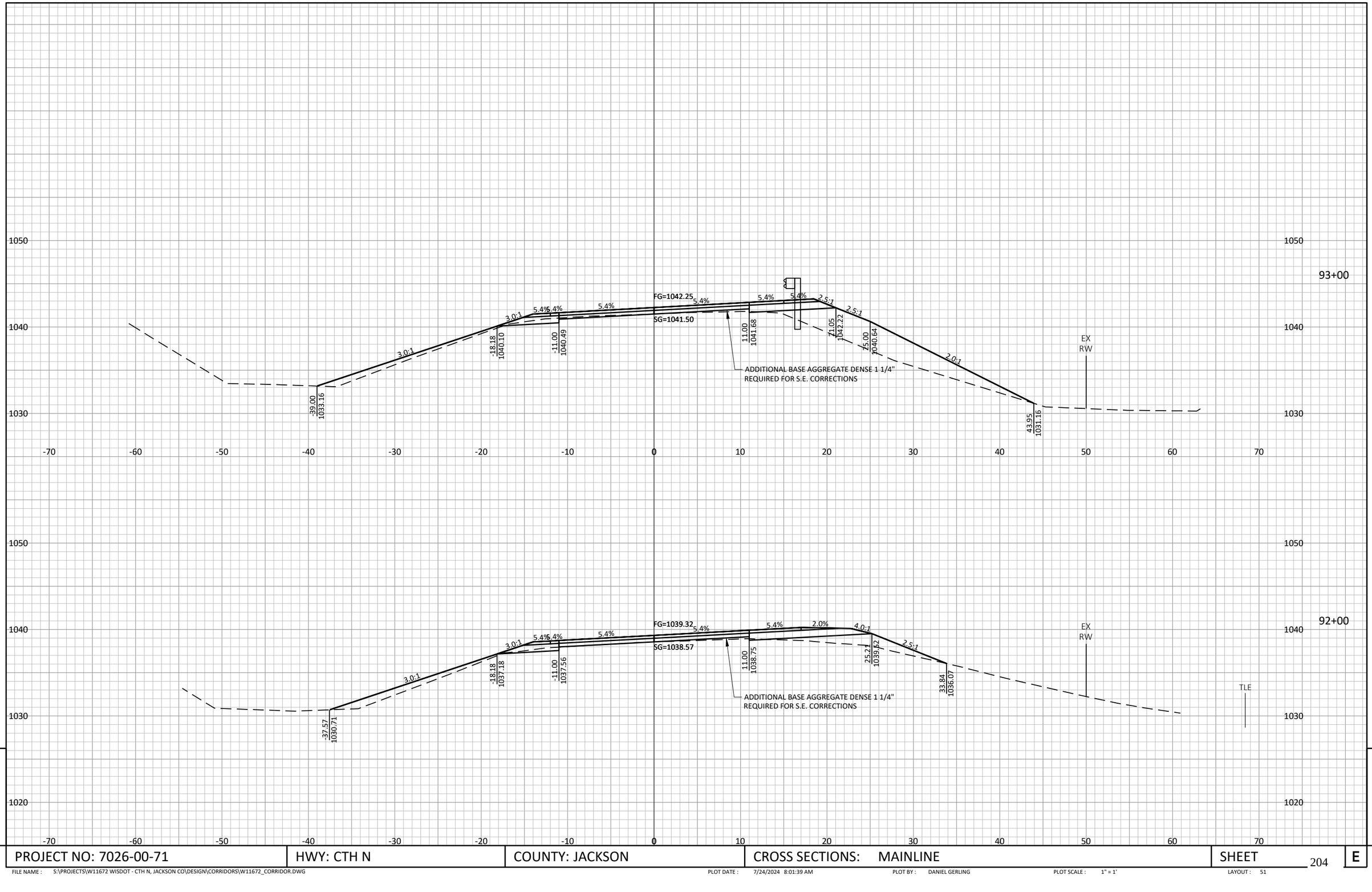
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 202	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:01:06 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 49



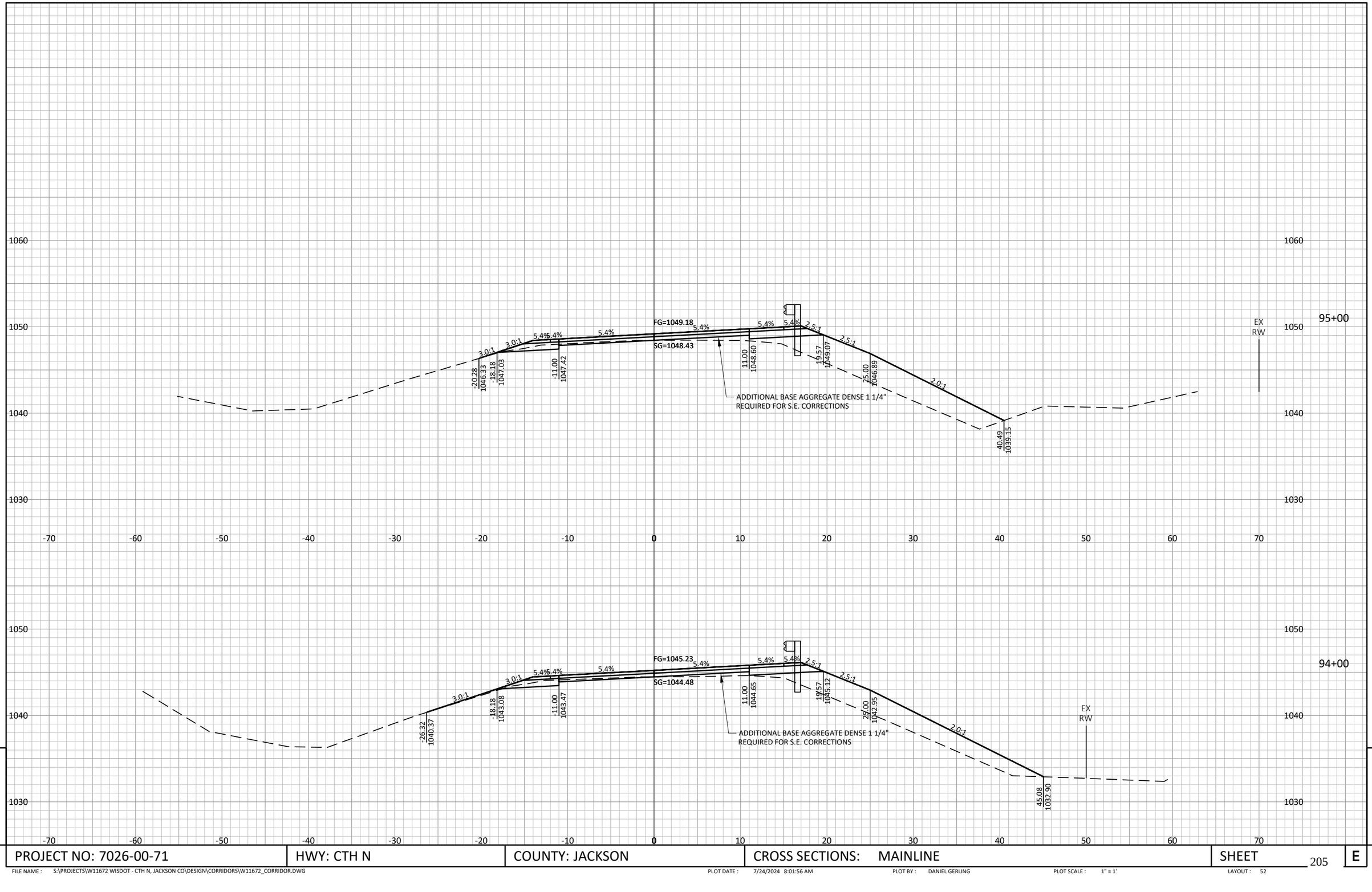
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:01:22 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 50



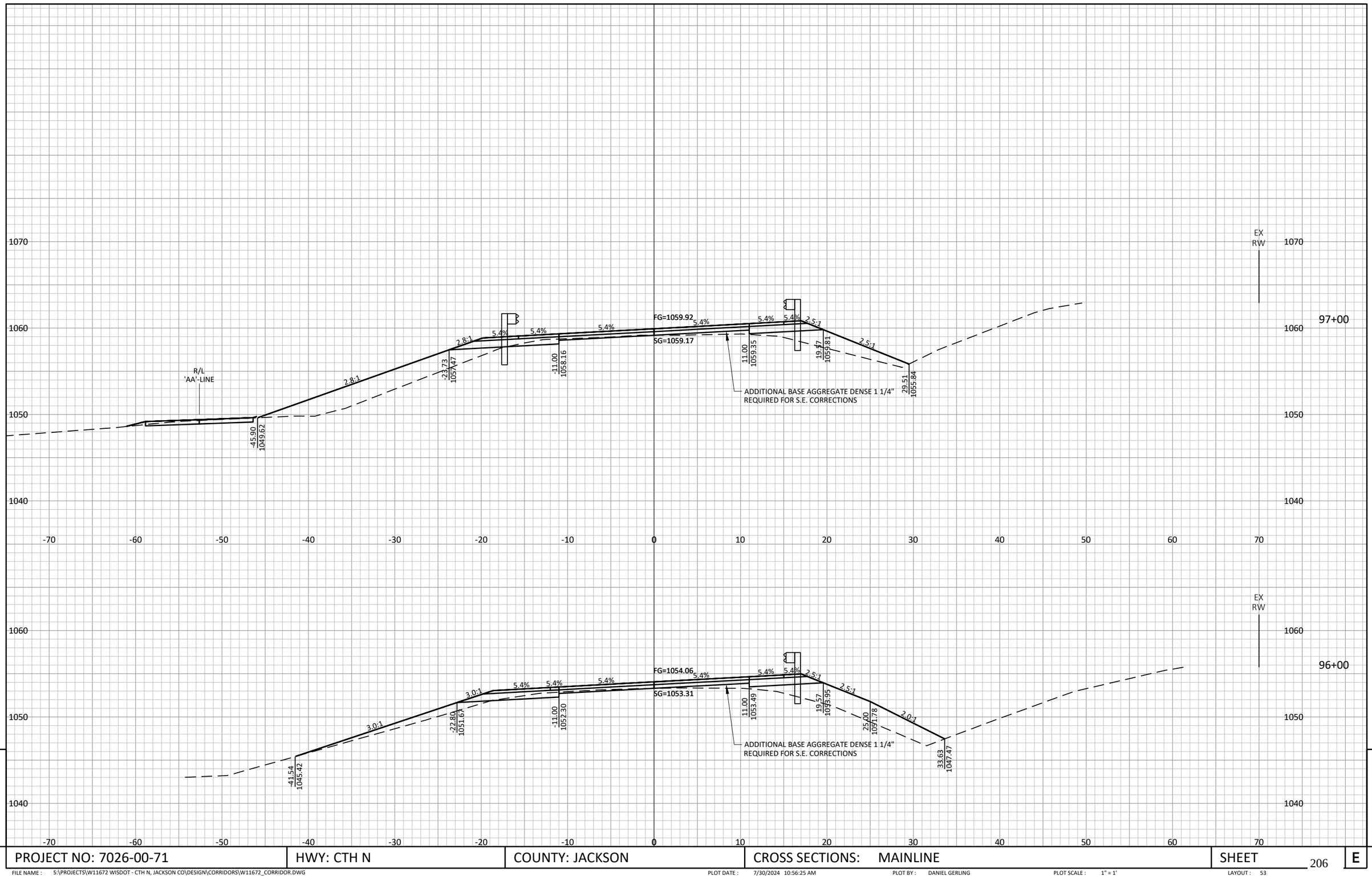
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:01:39 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 51



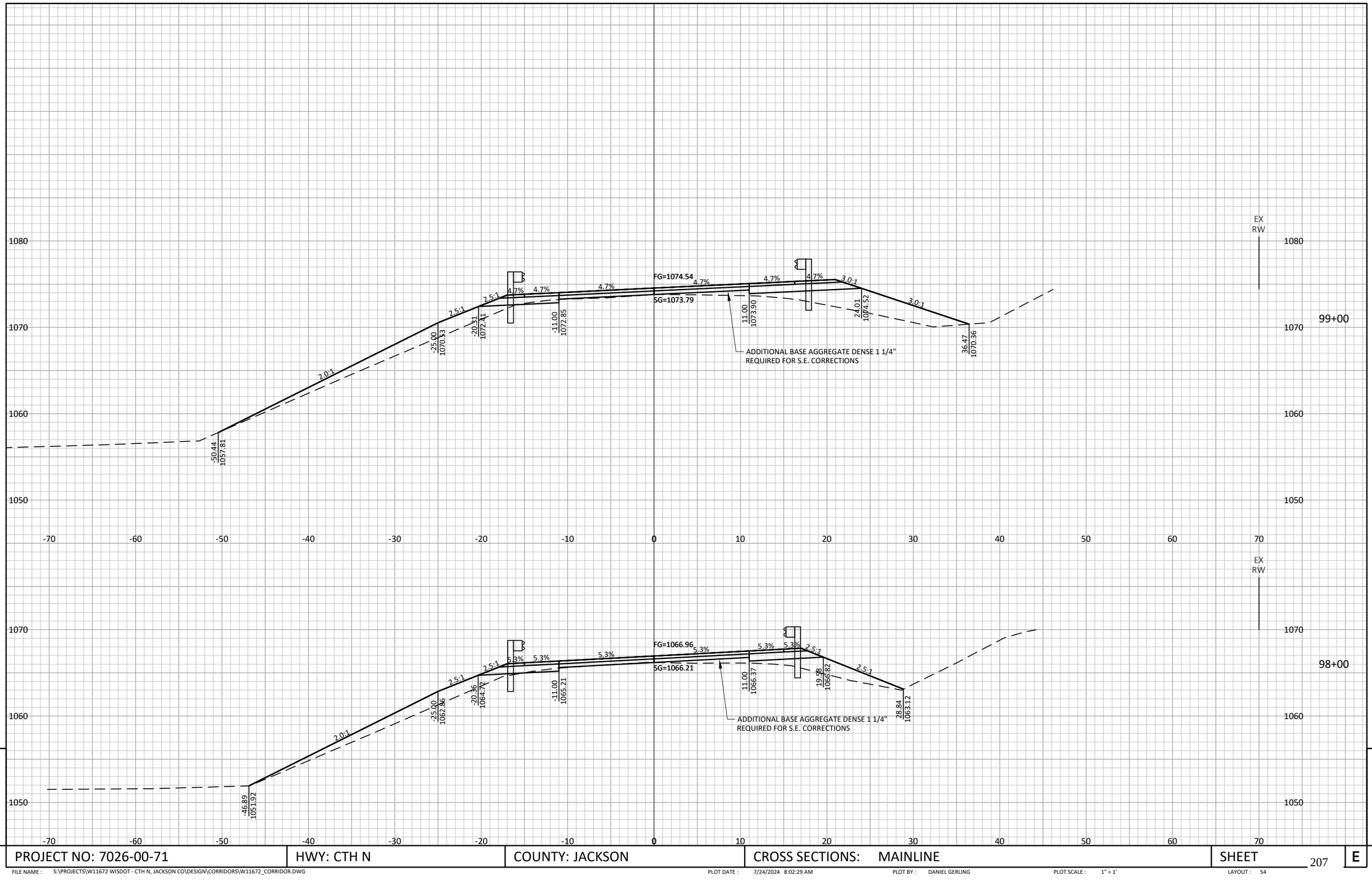
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:01:56 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 52



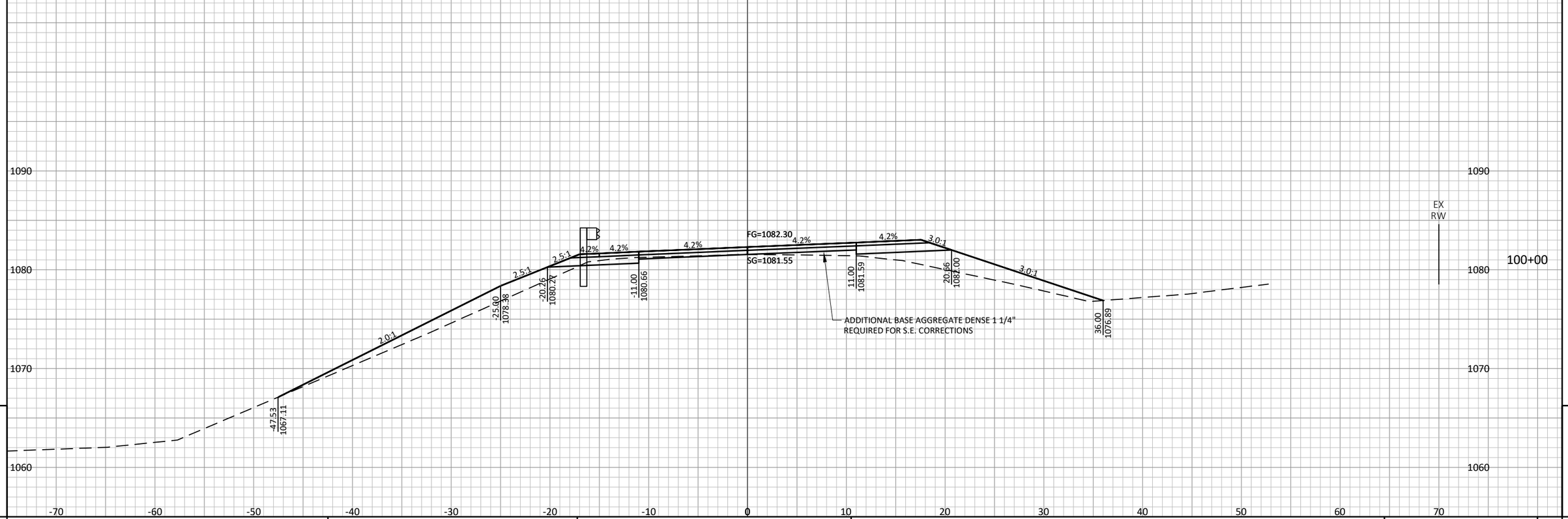
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/30/2024 10:56:25 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 53



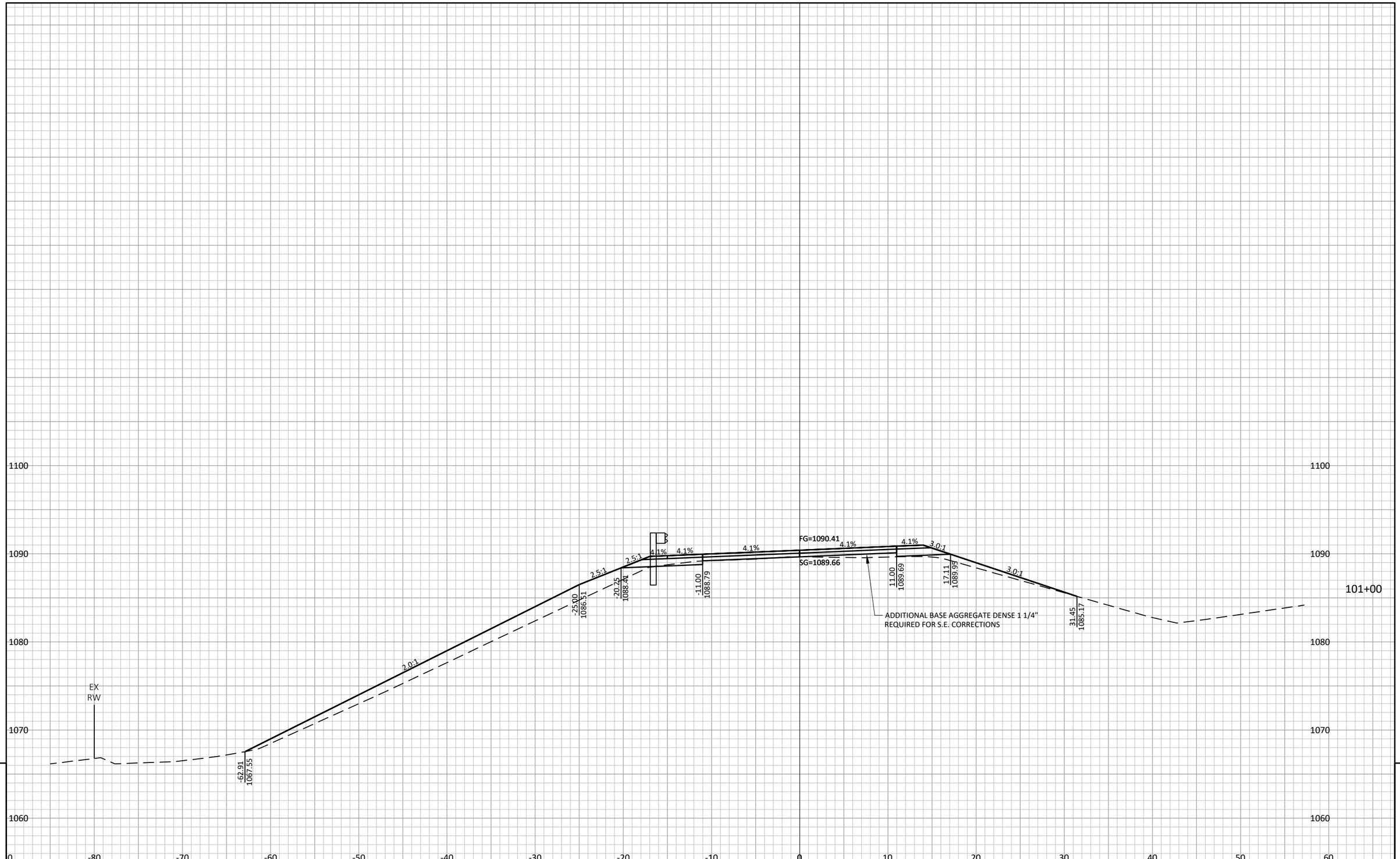
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	
				207	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:02:29 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 54

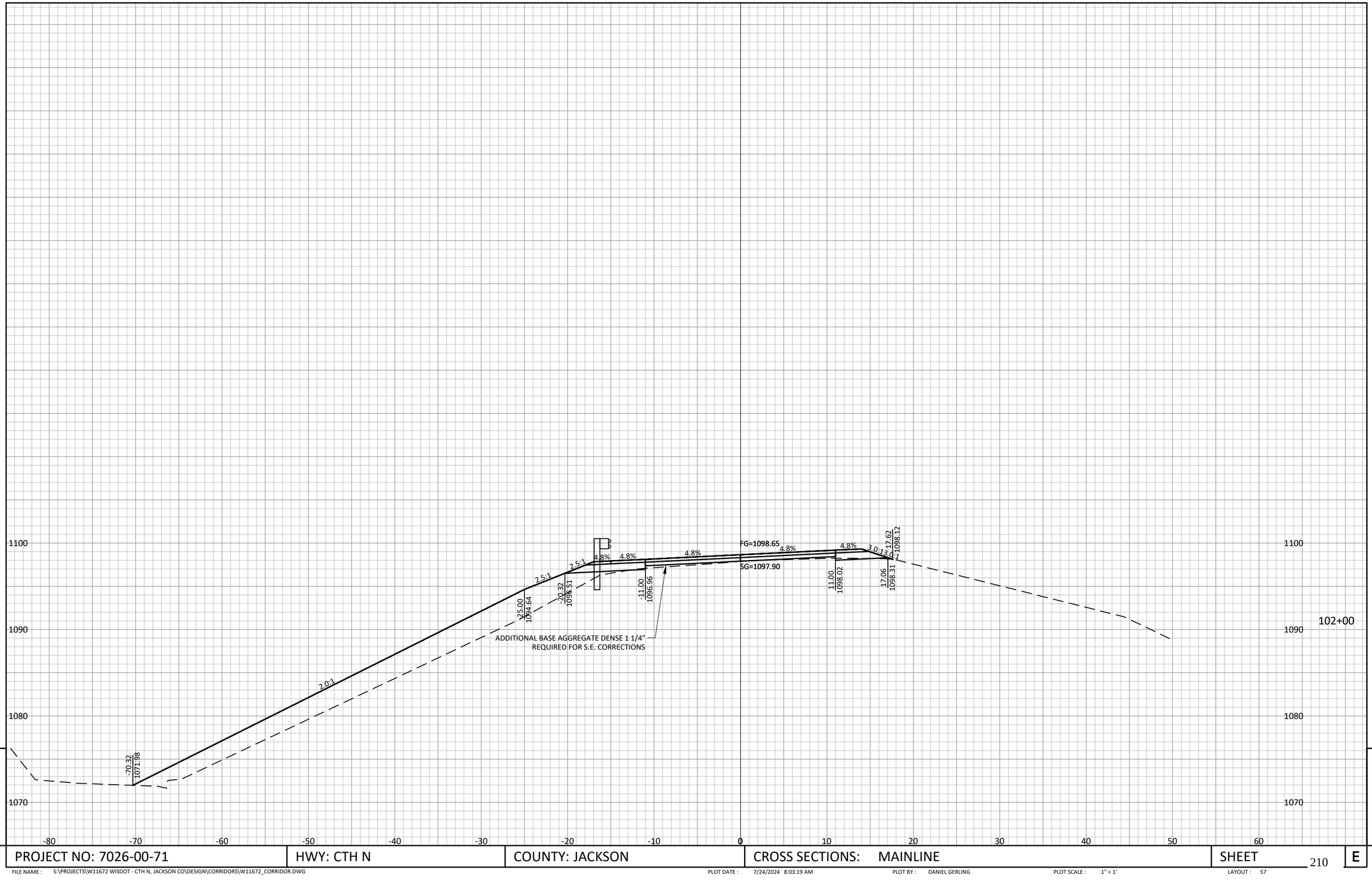


PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 208	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:02:46 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 55



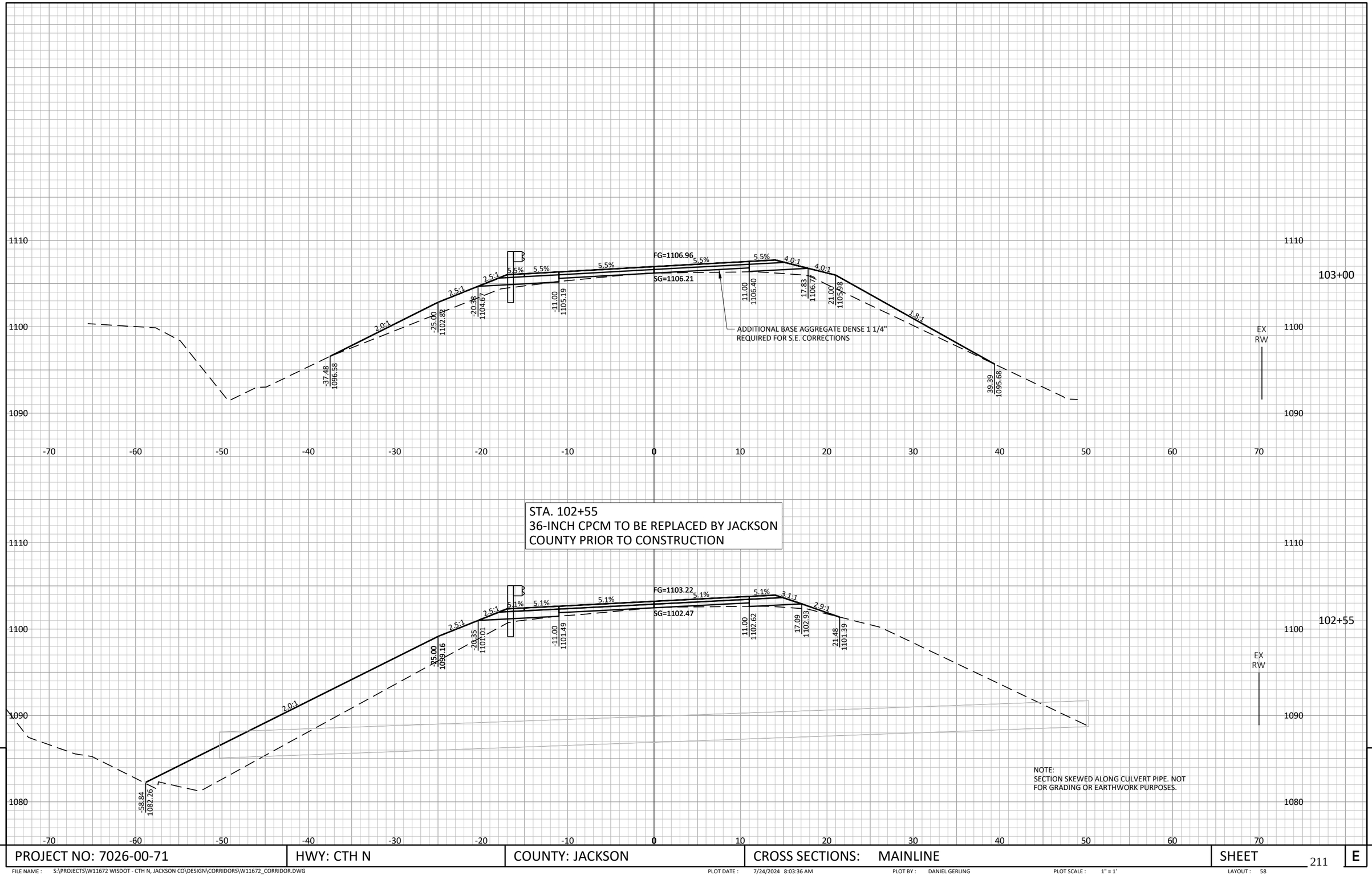
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 209 E



9 9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 210	E

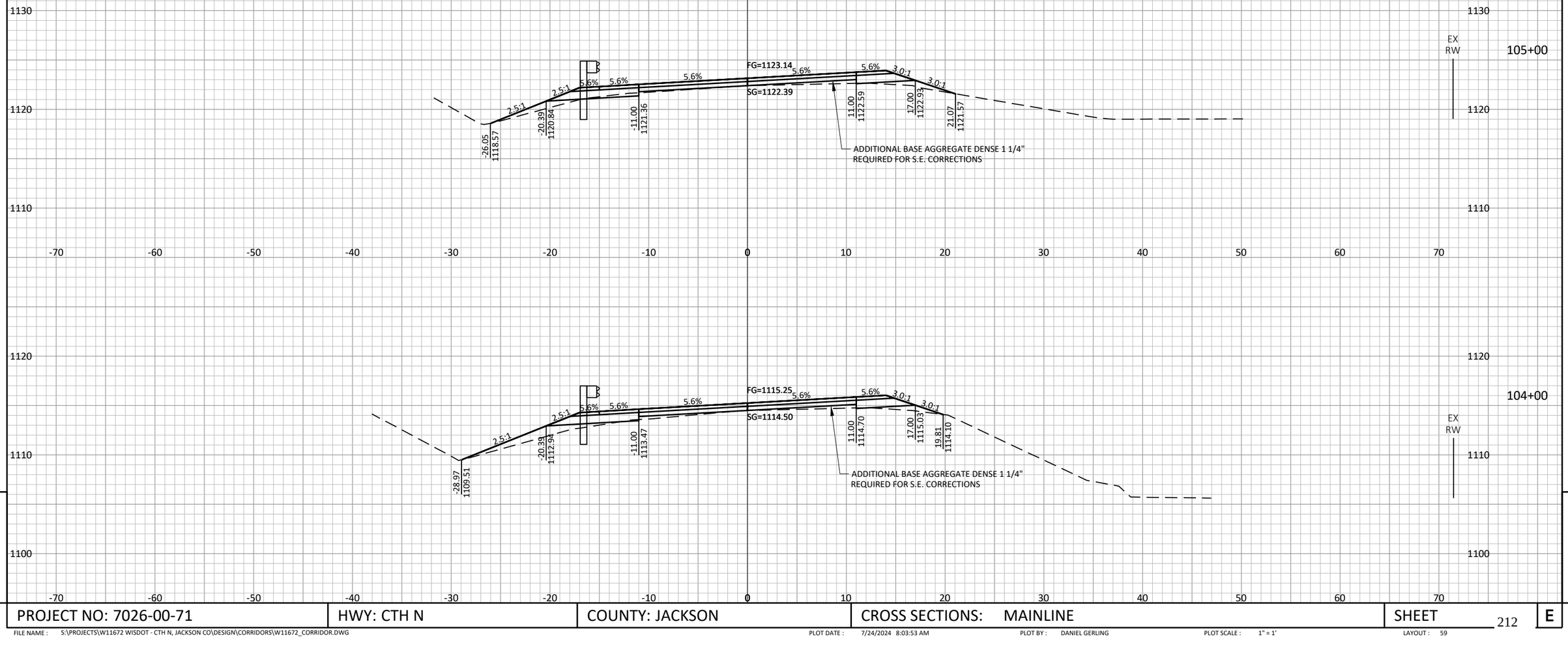
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:03:19 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 57



9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

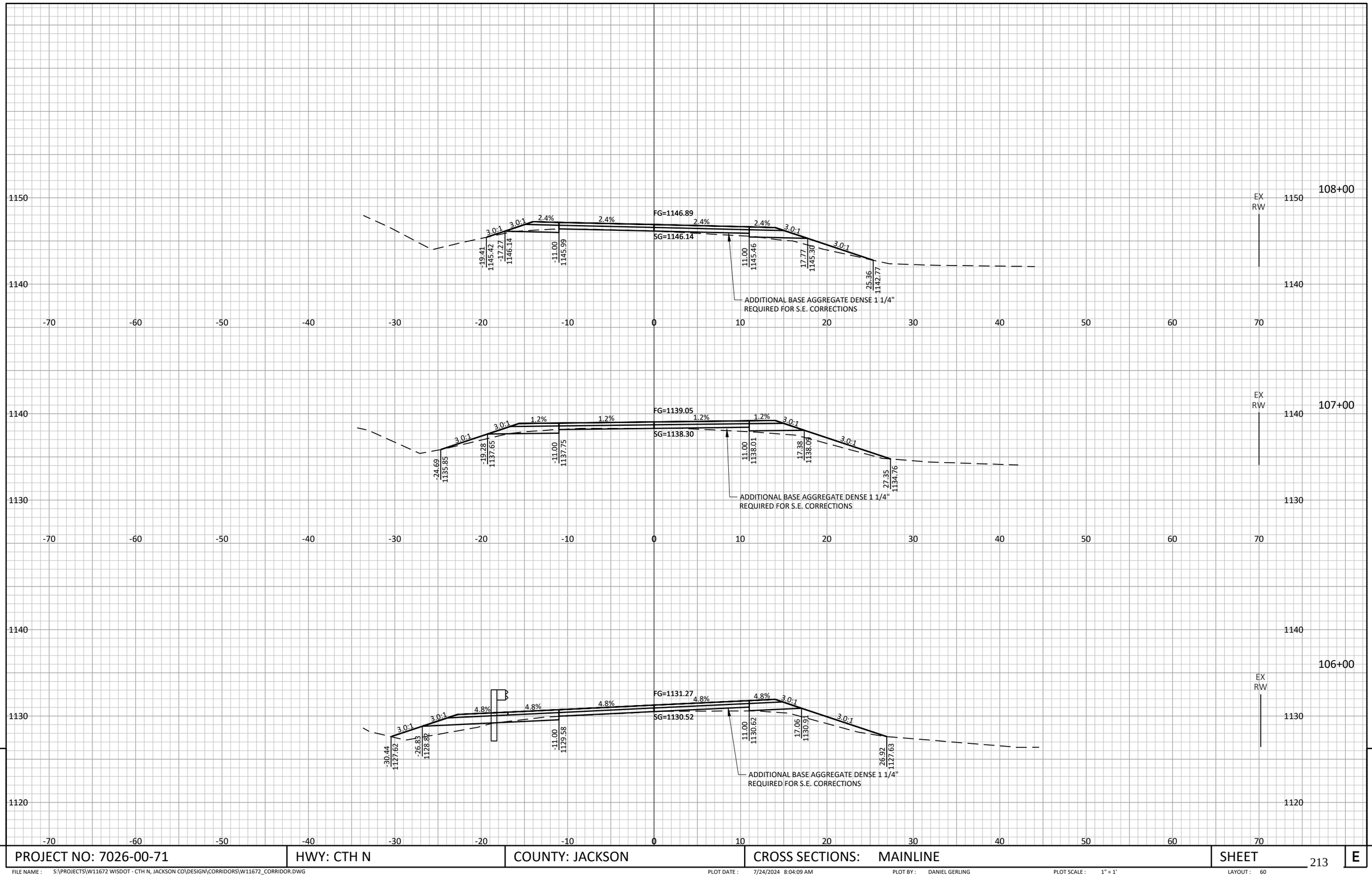
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:03:36 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 58



9

9

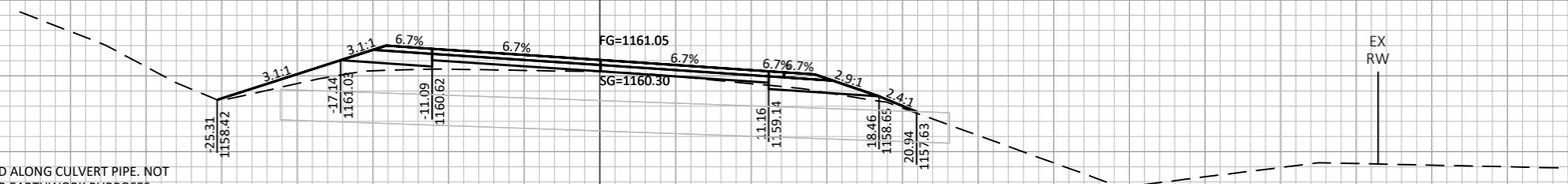
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 212	E



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

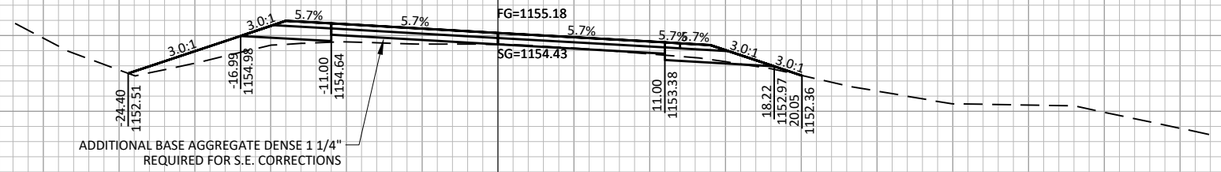
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:04:09 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 60

STA. 109+73
24-INCH CPCM TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION



NOTE:
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING OR EARTHWORK PURPOSES.

109+73



ADDITIONAL BASE AGGREGATE DENSE 1 1/4" REQUIRED FOR S.E. CORRECTIONS

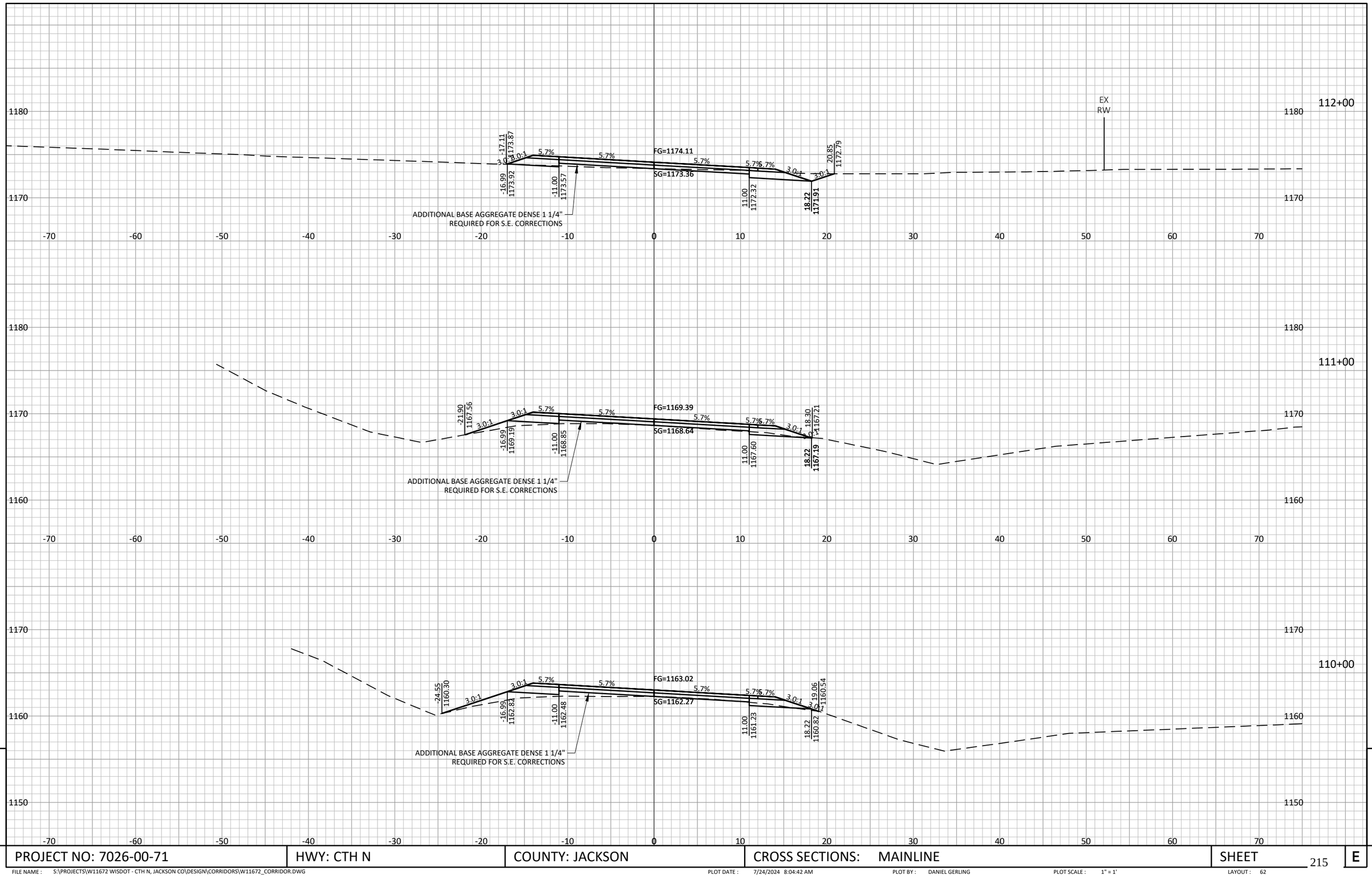
109+00

1170
1160
1150
1140
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9

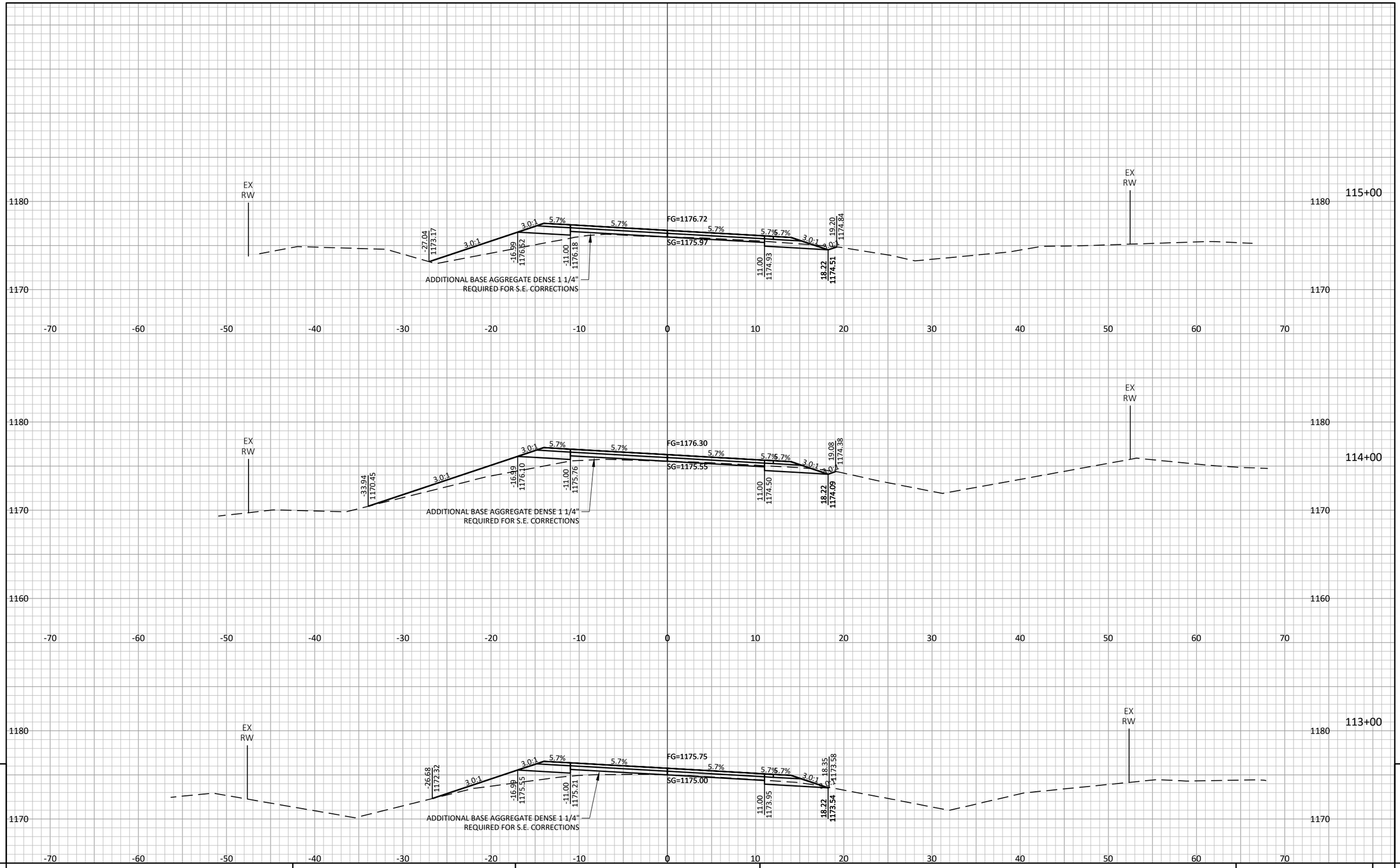
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 214	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:04:25 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 61



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET

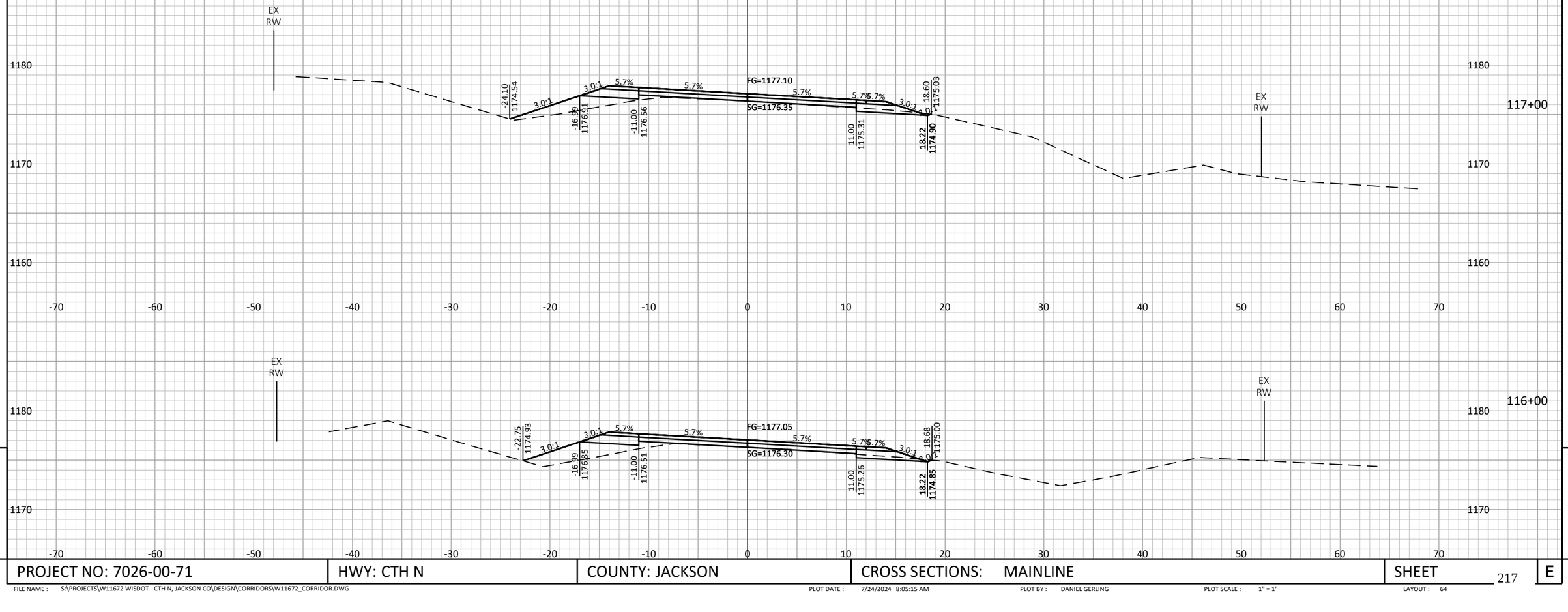
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:04:42 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 62



9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 216	E

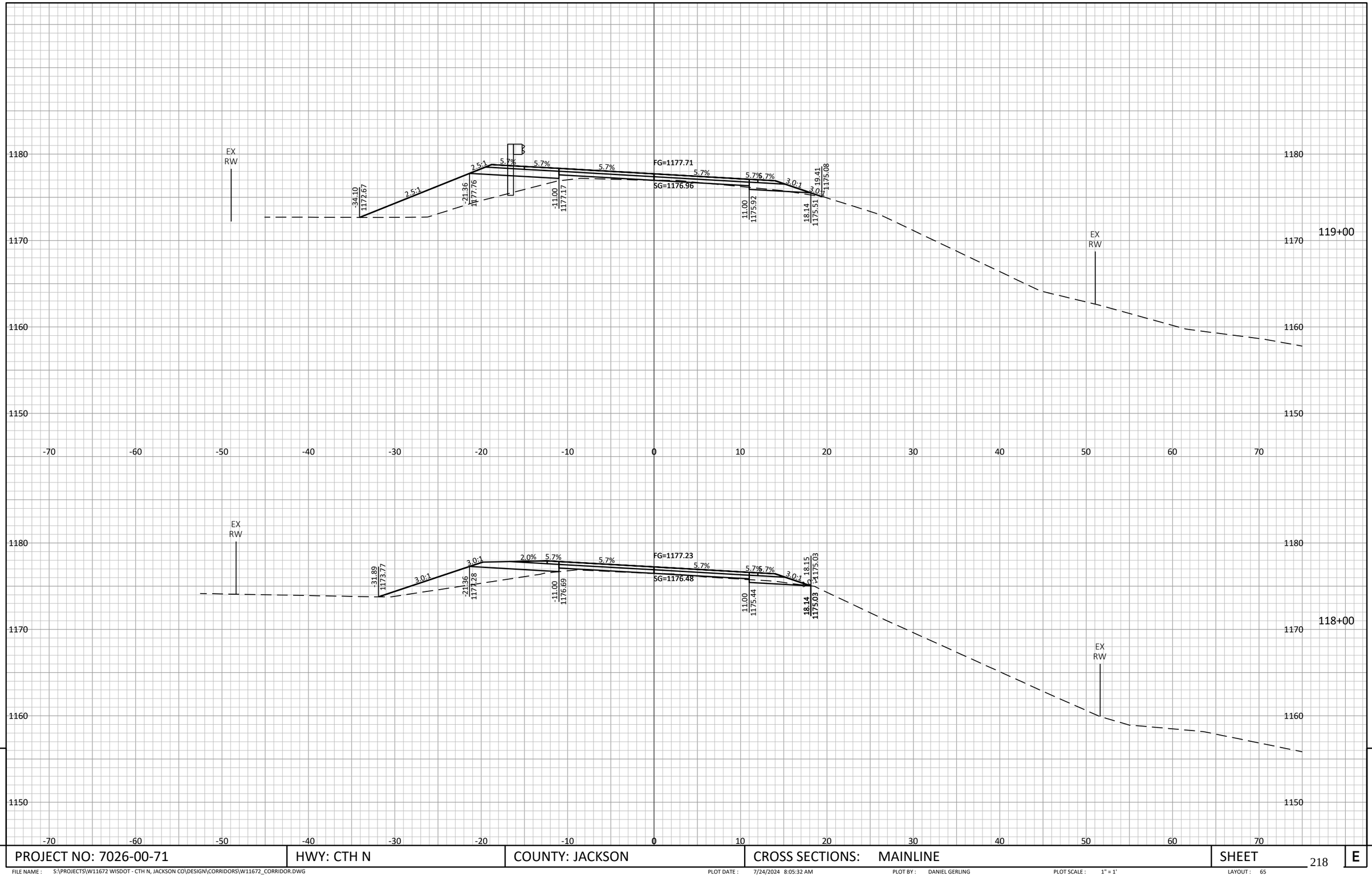


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 217	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:05:15 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 64

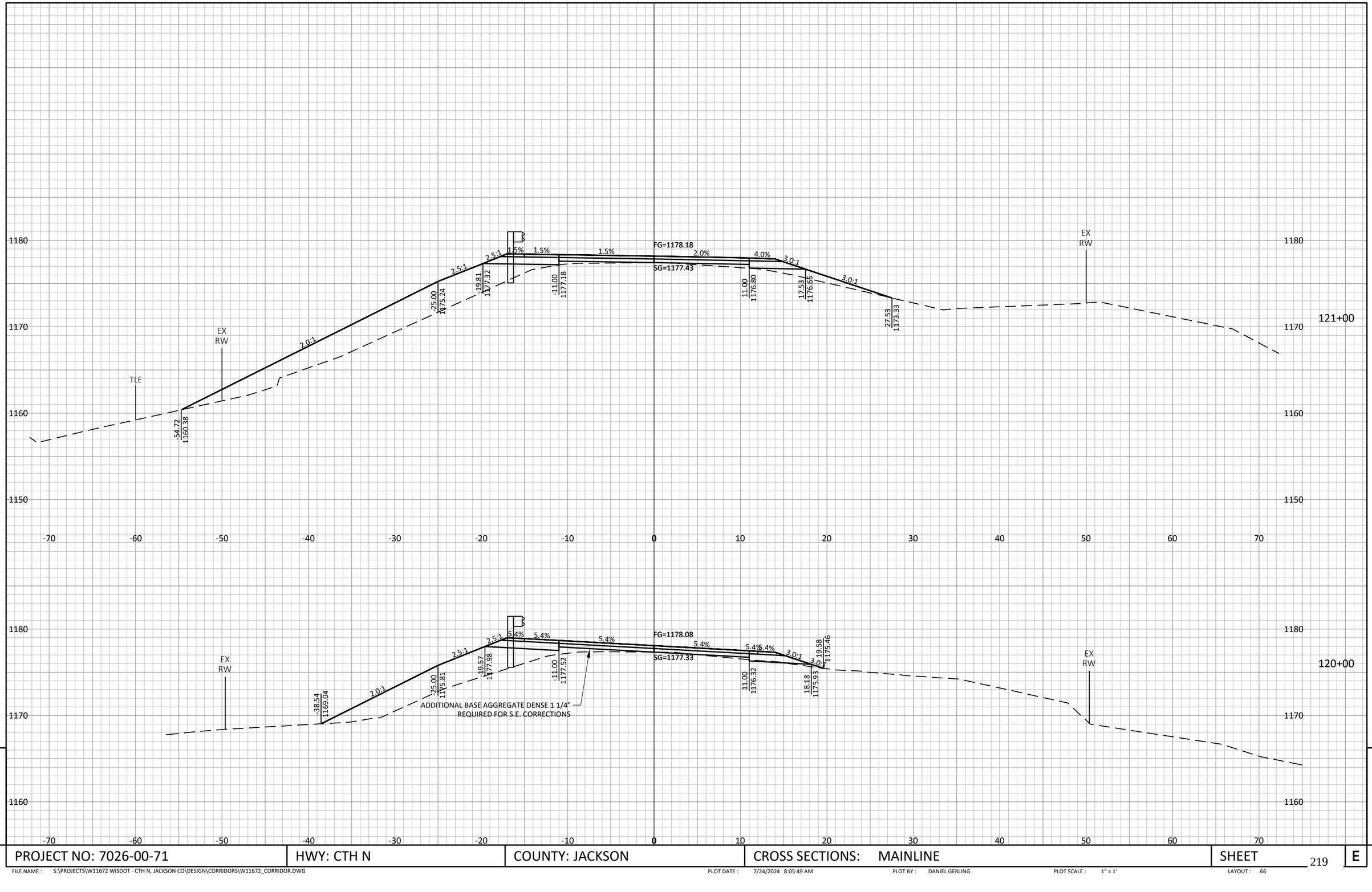


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:05:32 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 65

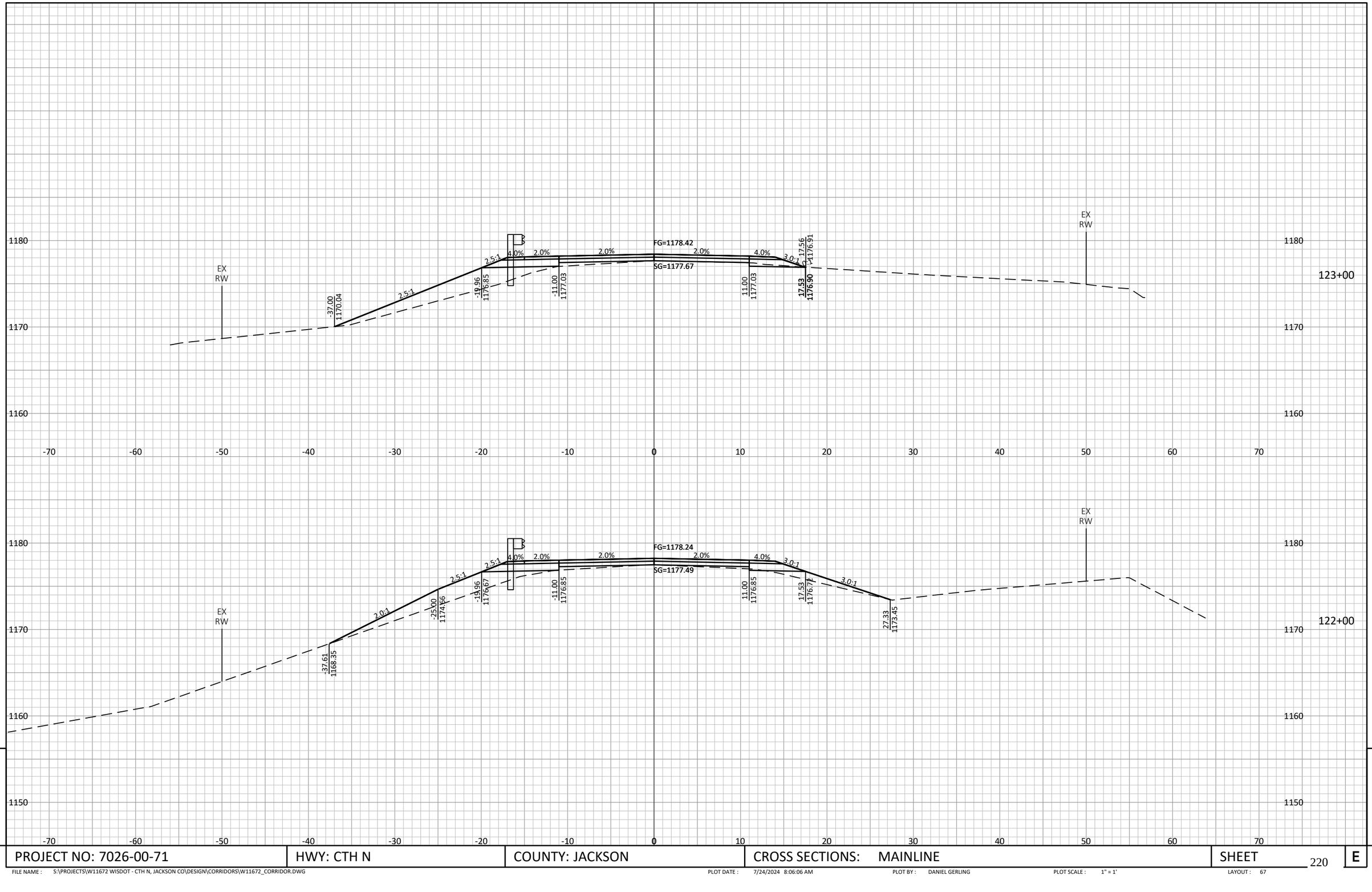


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:05:49 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 66

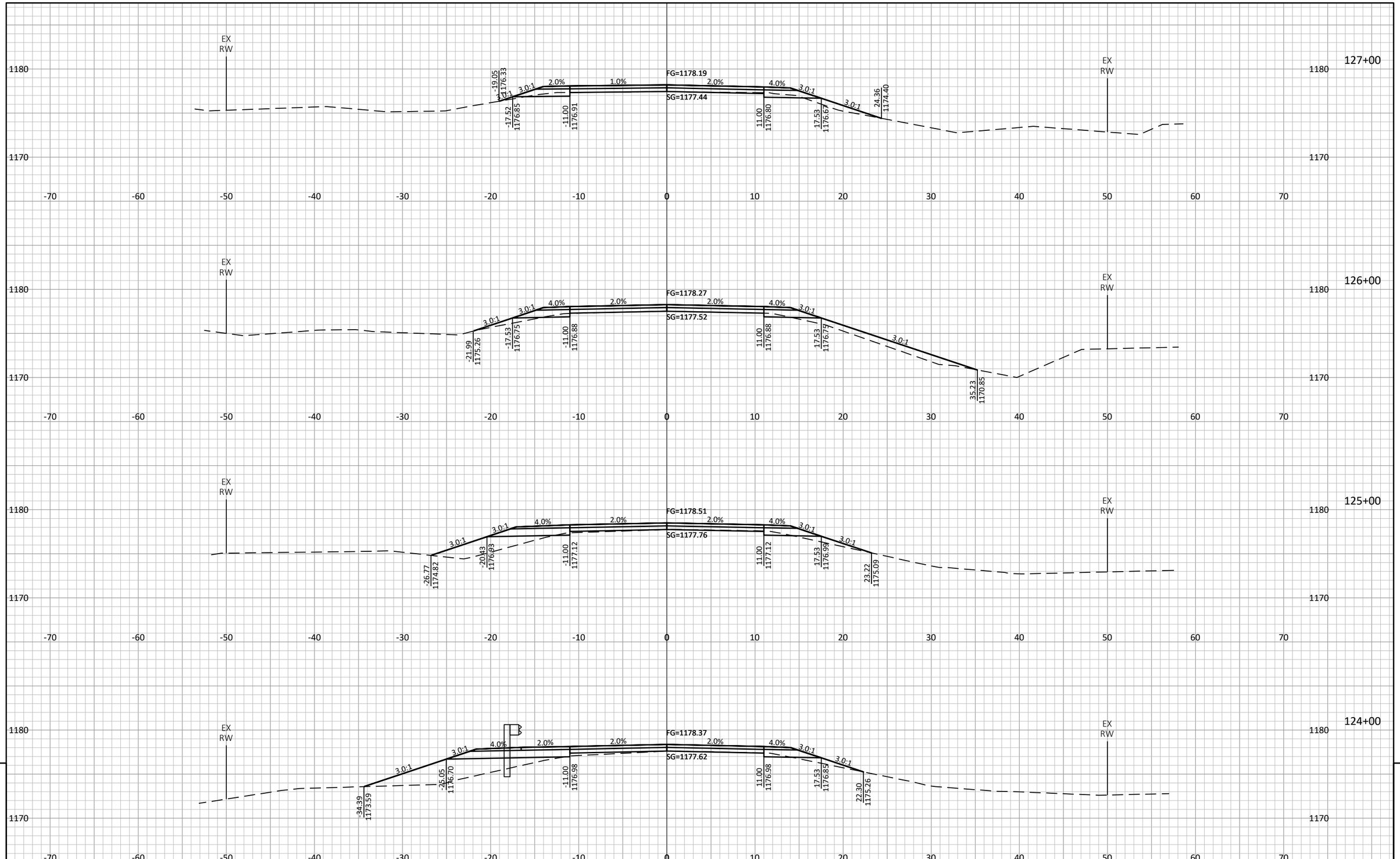


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 220	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:06:06 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 67

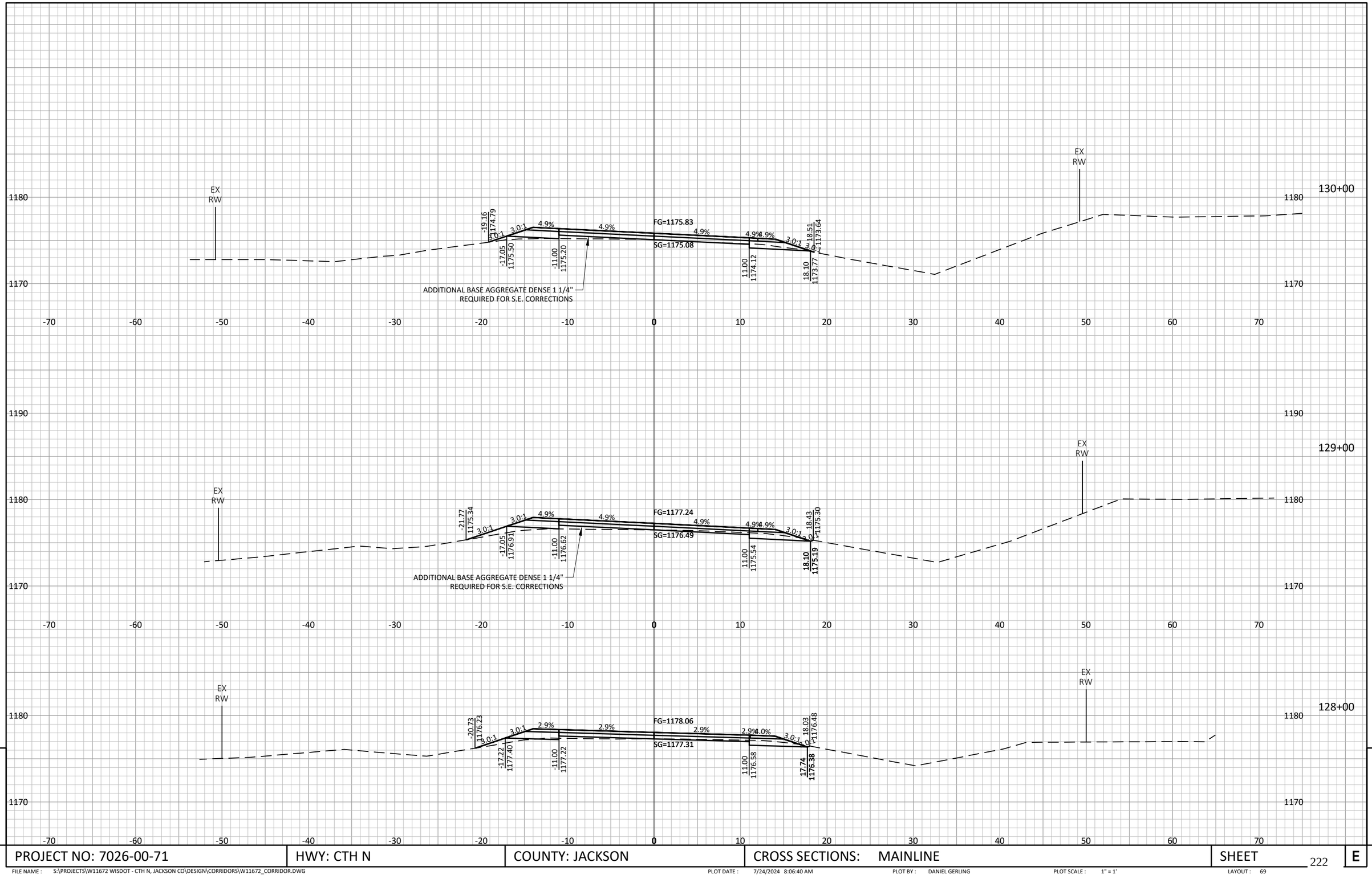


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 221	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:06:23 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 68



9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 222	E

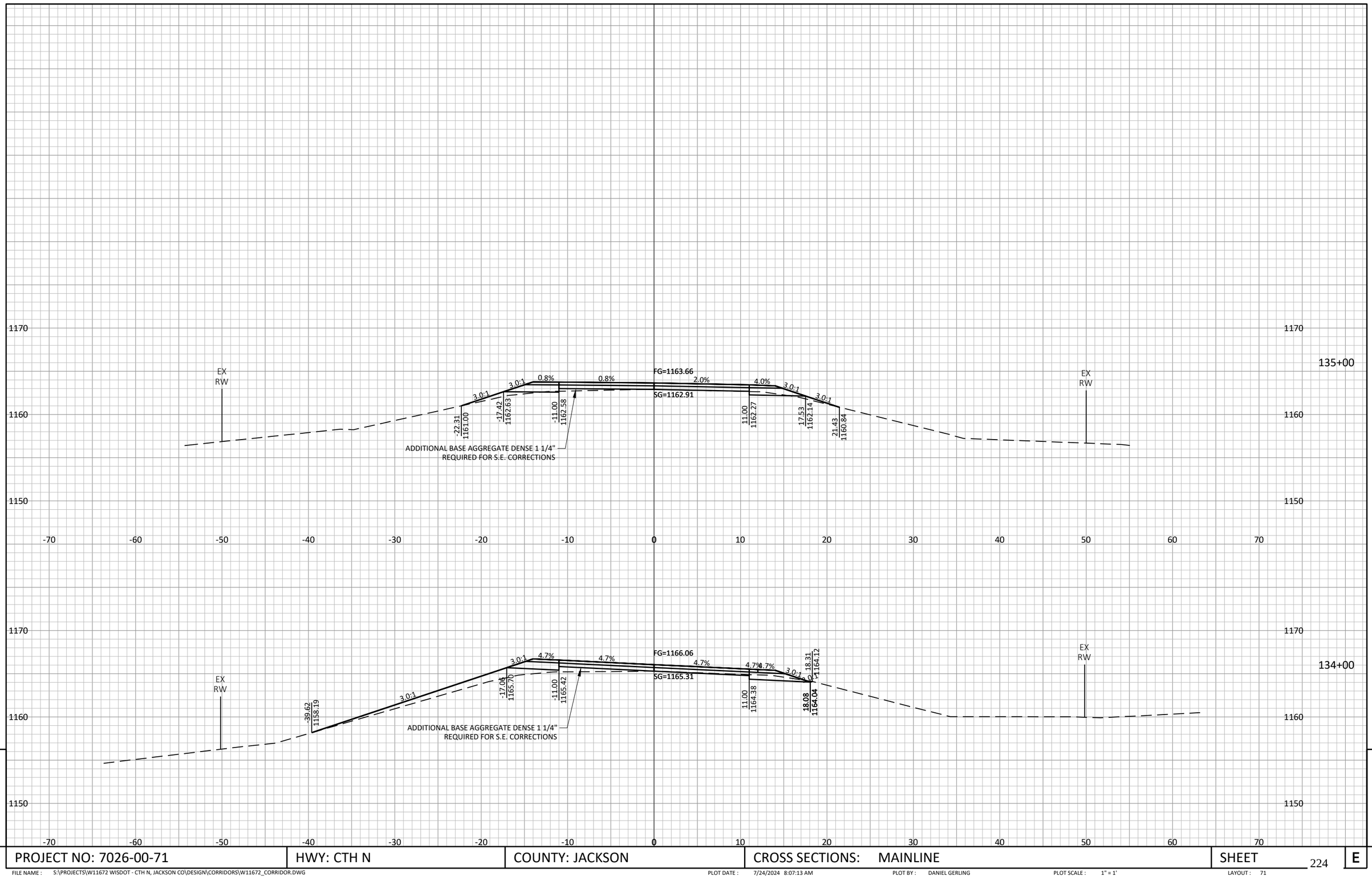


9

9

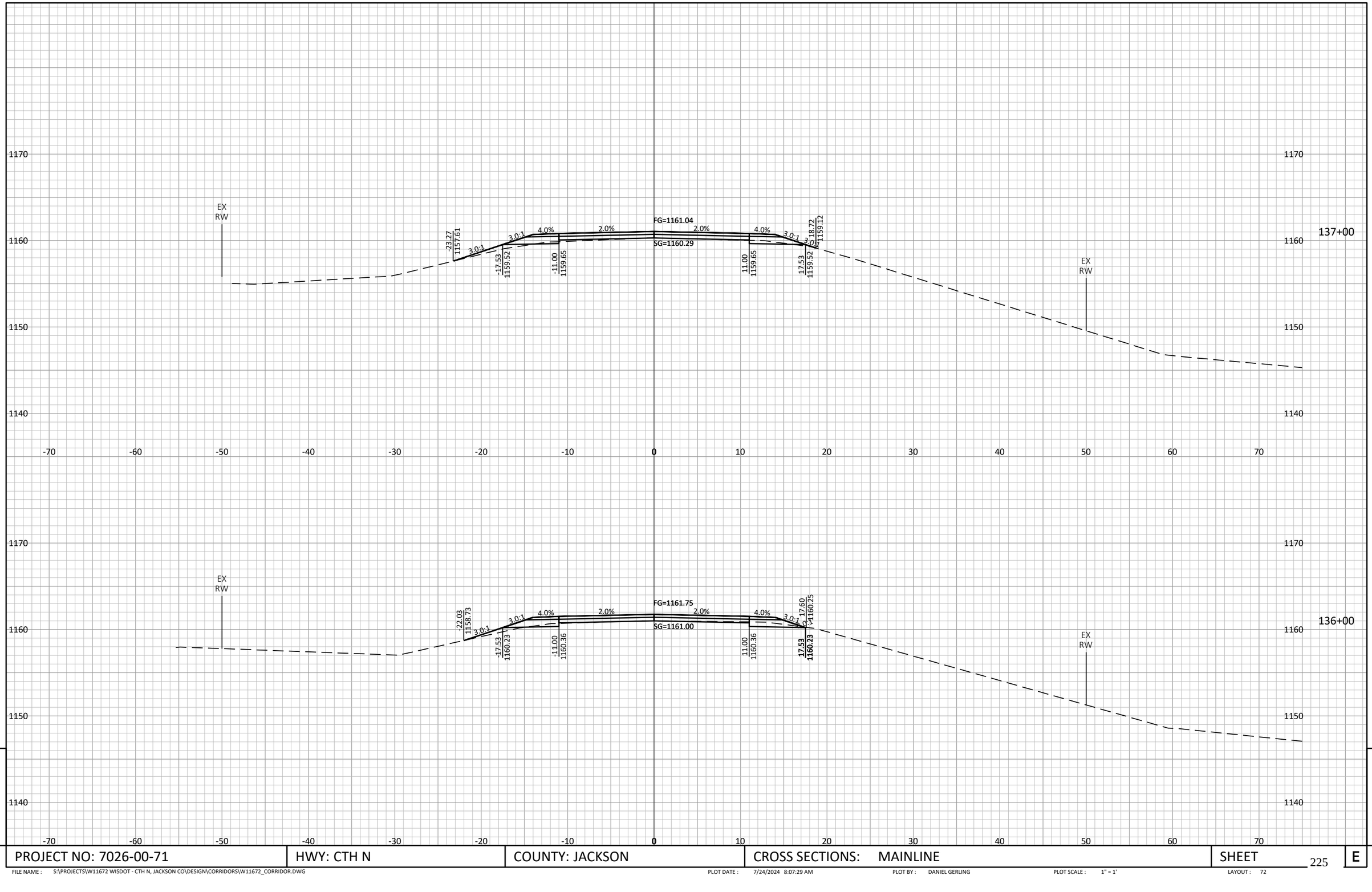
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 223	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:06:57 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 70



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 224	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:07:13 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 71

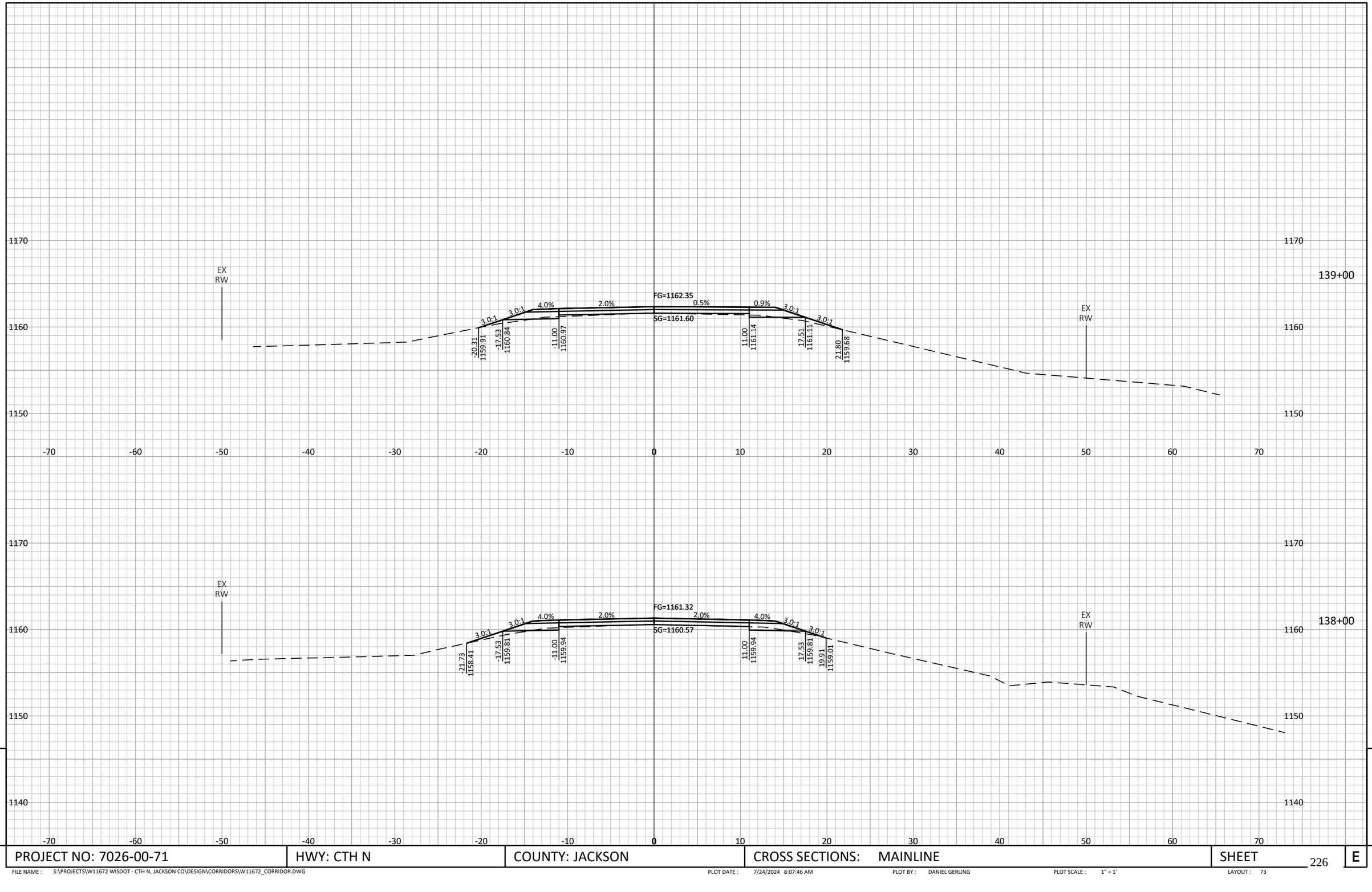


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 225	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:07:29 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 72

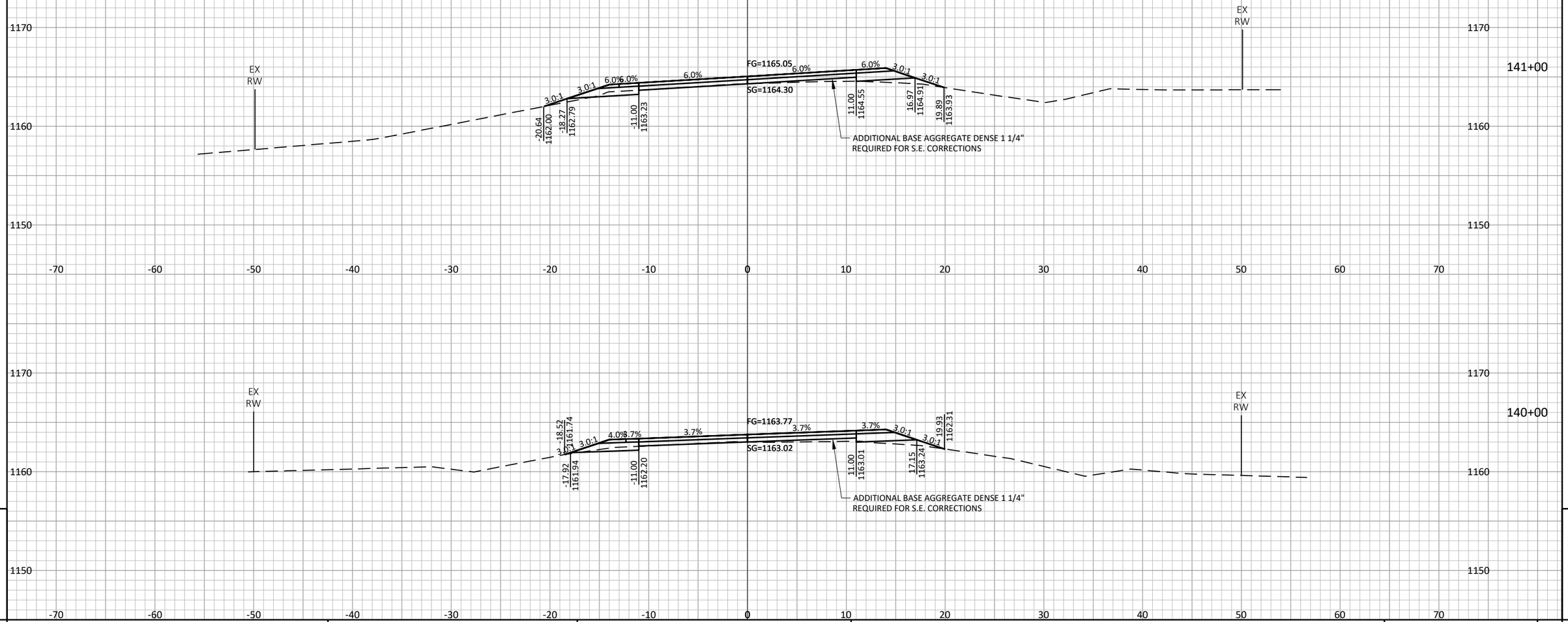


9

9

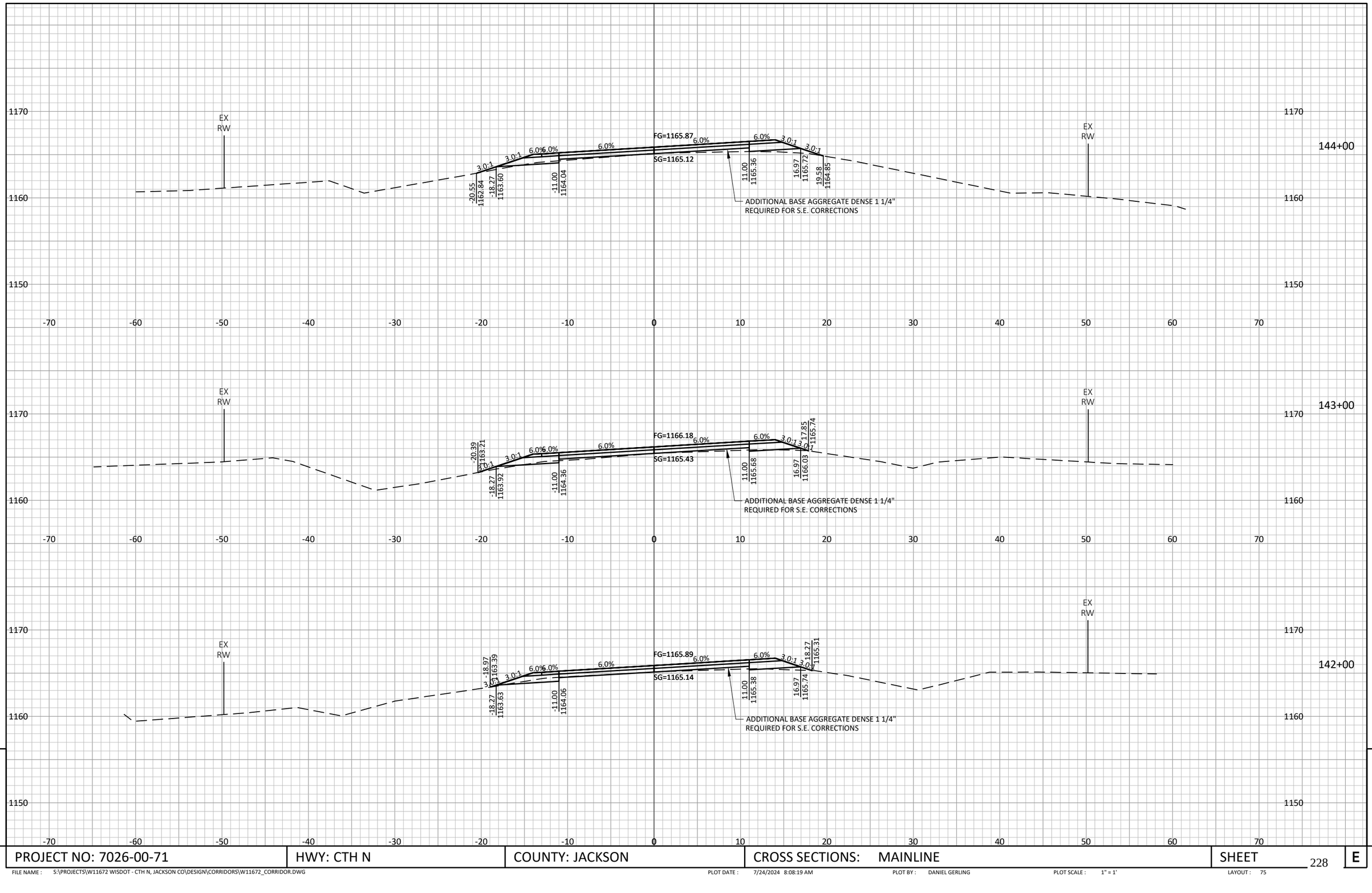
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 226	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:07:46 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 73



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:08:03 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 74

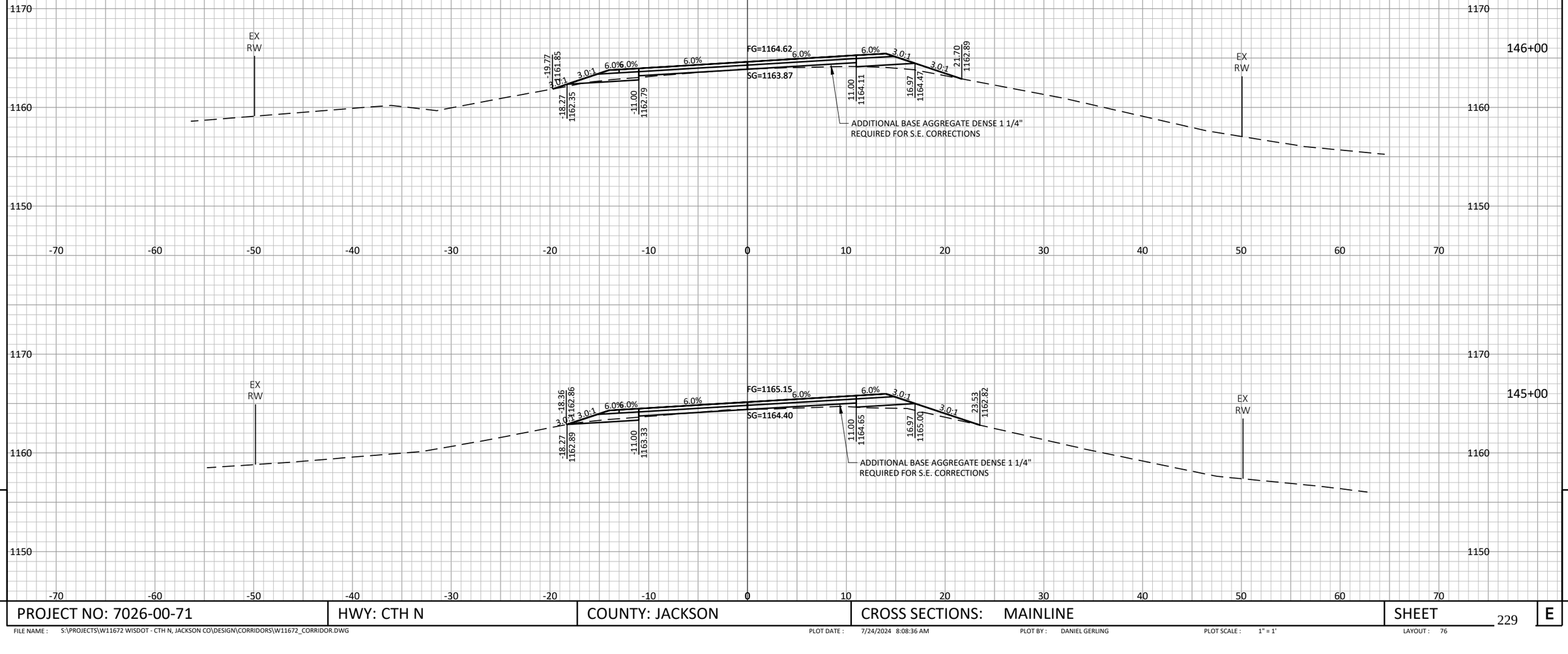


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 228	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:08:19 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 75



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 229	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:08:36 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 76

148+00

EX RW

FG=1163.40

SG=1162.65

3.0:1 4.0% 2.0% 1.9% 3.8% 3.0:1

-20.03 1161.05 | -17.53 1161.88 | -11.00 1162.01 | 11.00 1162.03 | 17.53 1161.90 | 20.27 1160.99

1170 1160 1150

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

147+00

EX RW

FG=1163.97

SG=1163.22

3.0:1 4.0% 2.3% 2.3% 2.3% 3.0:1

-21.33 1161.16 | -17.59 1162.40 | -11.00 1162.55 | 11.00 1163.05 | 17.28 1163.20 | 19.35 1162.51

ADDITIONAL BASE AGGREGATE DENSE 1 1/4" REQUIRED FOR S.E. CORRECTIONS

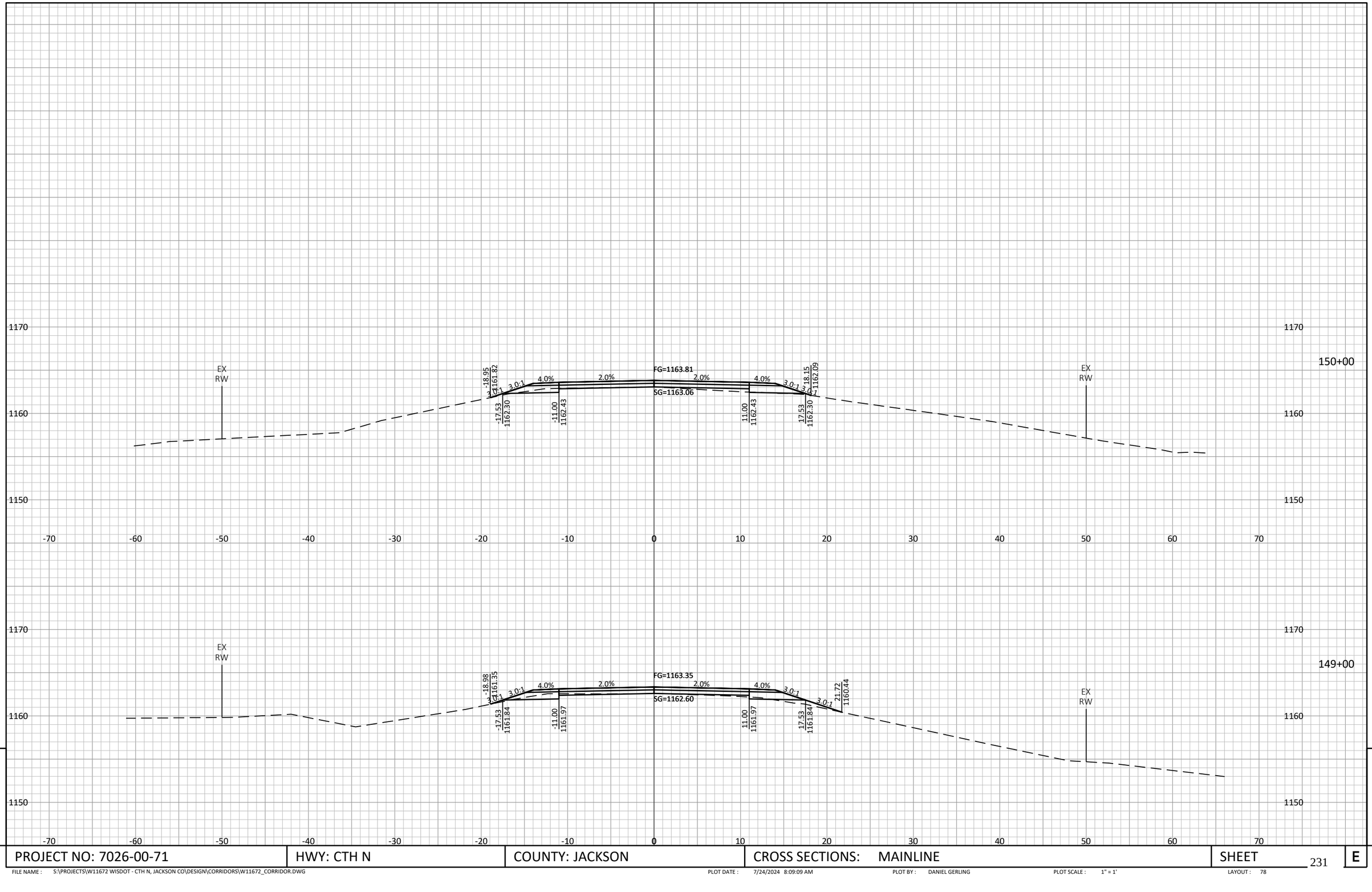
1170 1160 1150

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9 9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 230	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:08:53 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 77

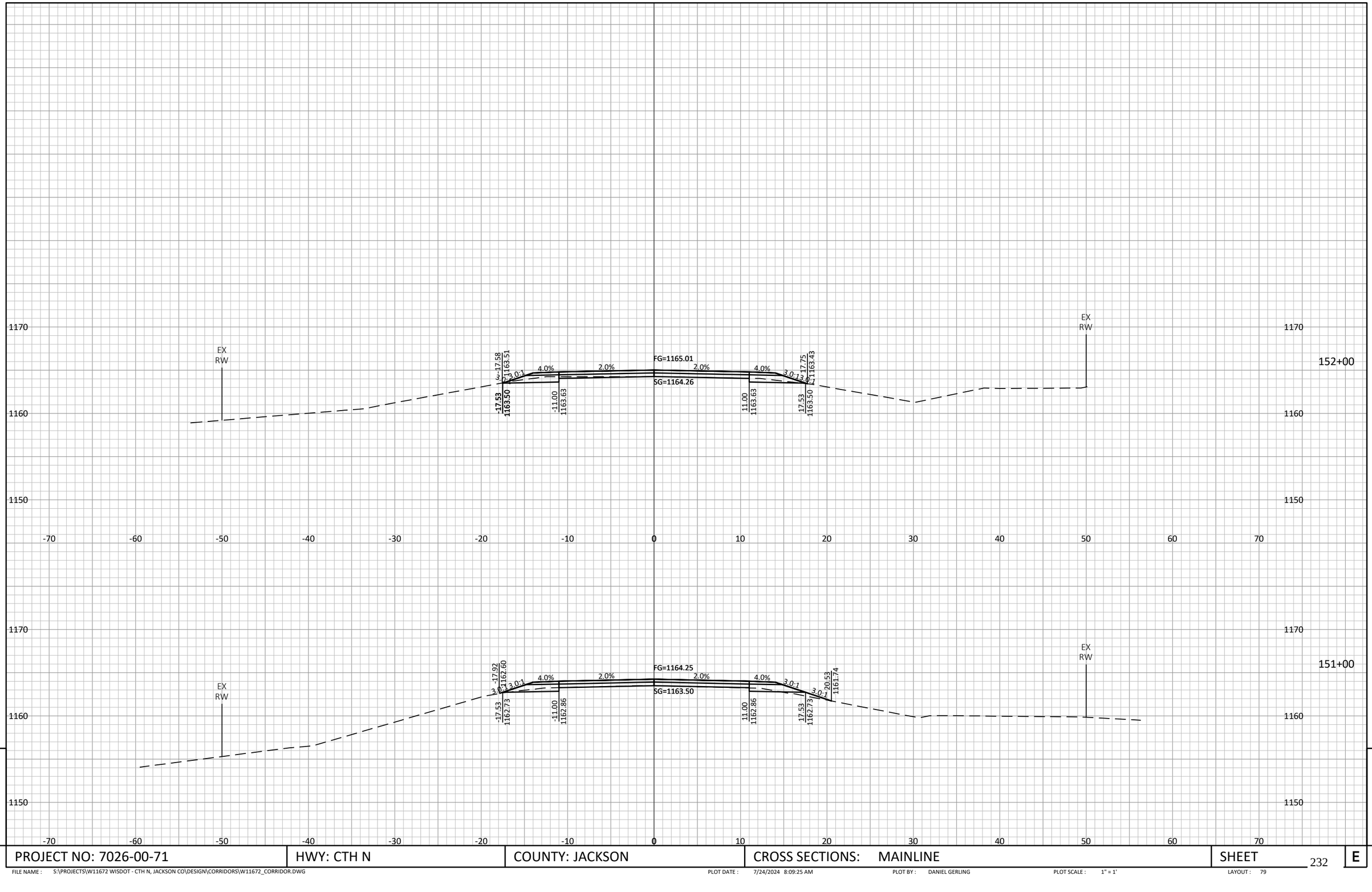


9

9

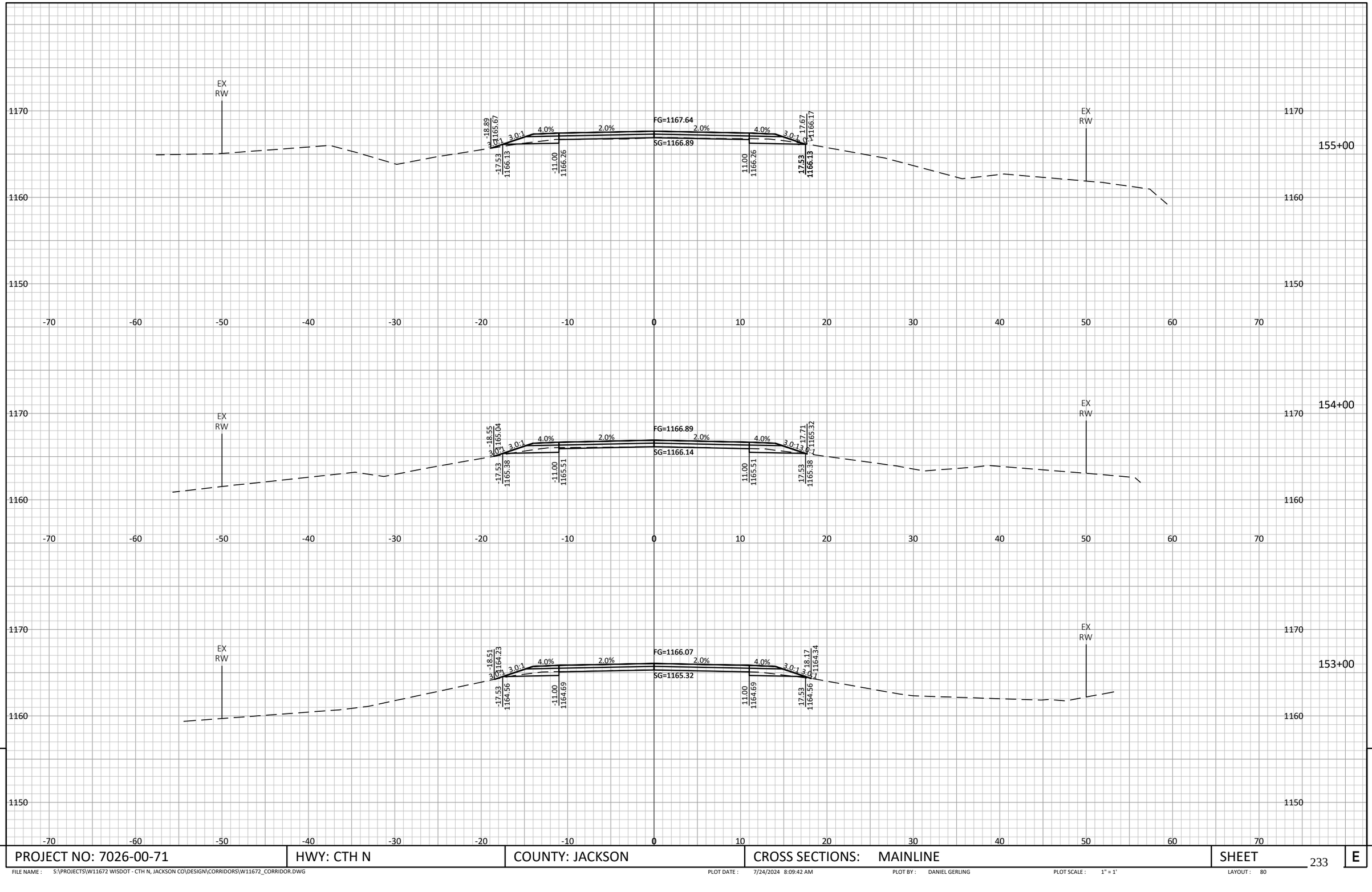
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 231	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:09:09 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 78



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 232	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:09:25 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 79

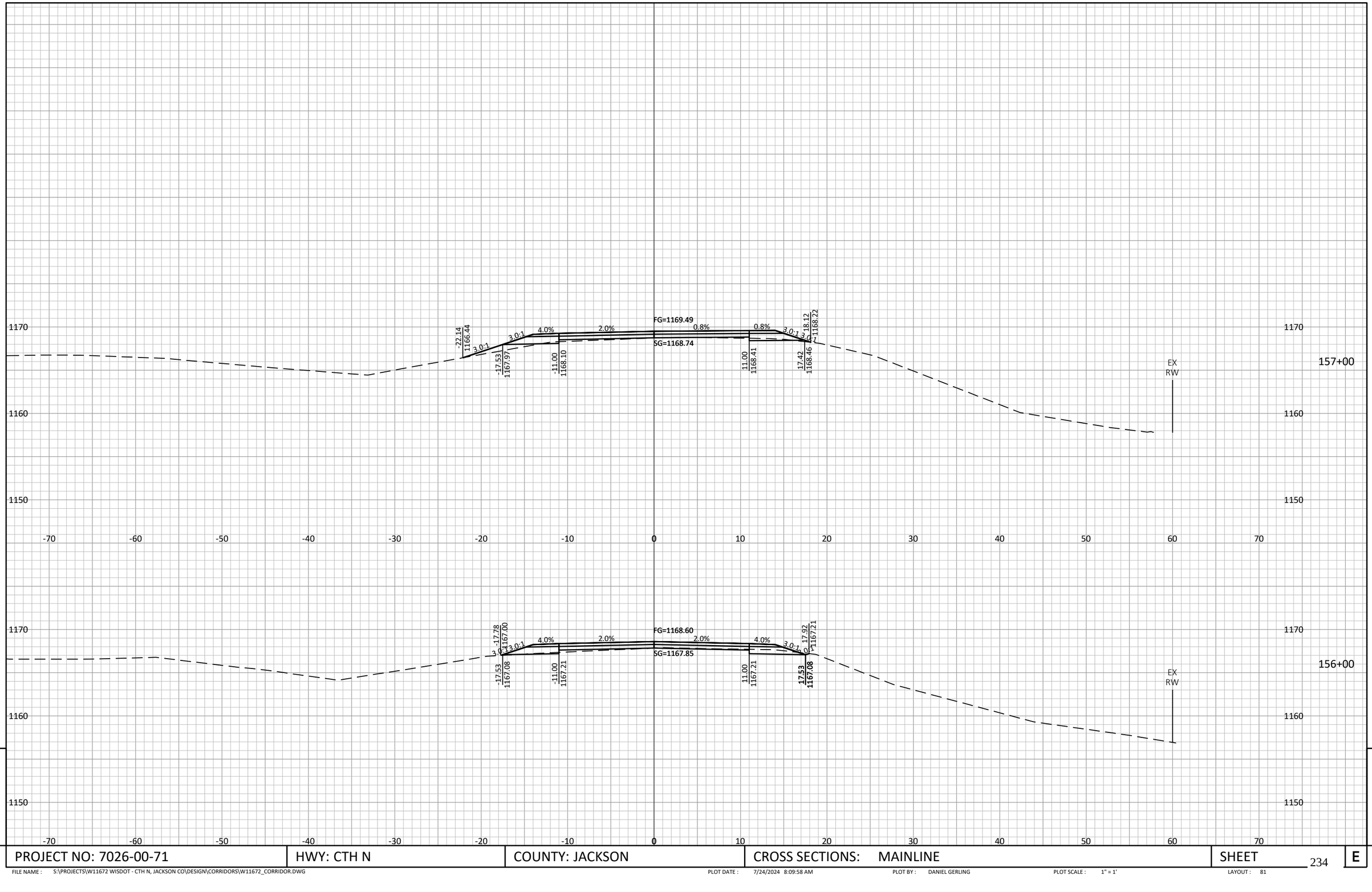


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 233	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:09:42 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 80

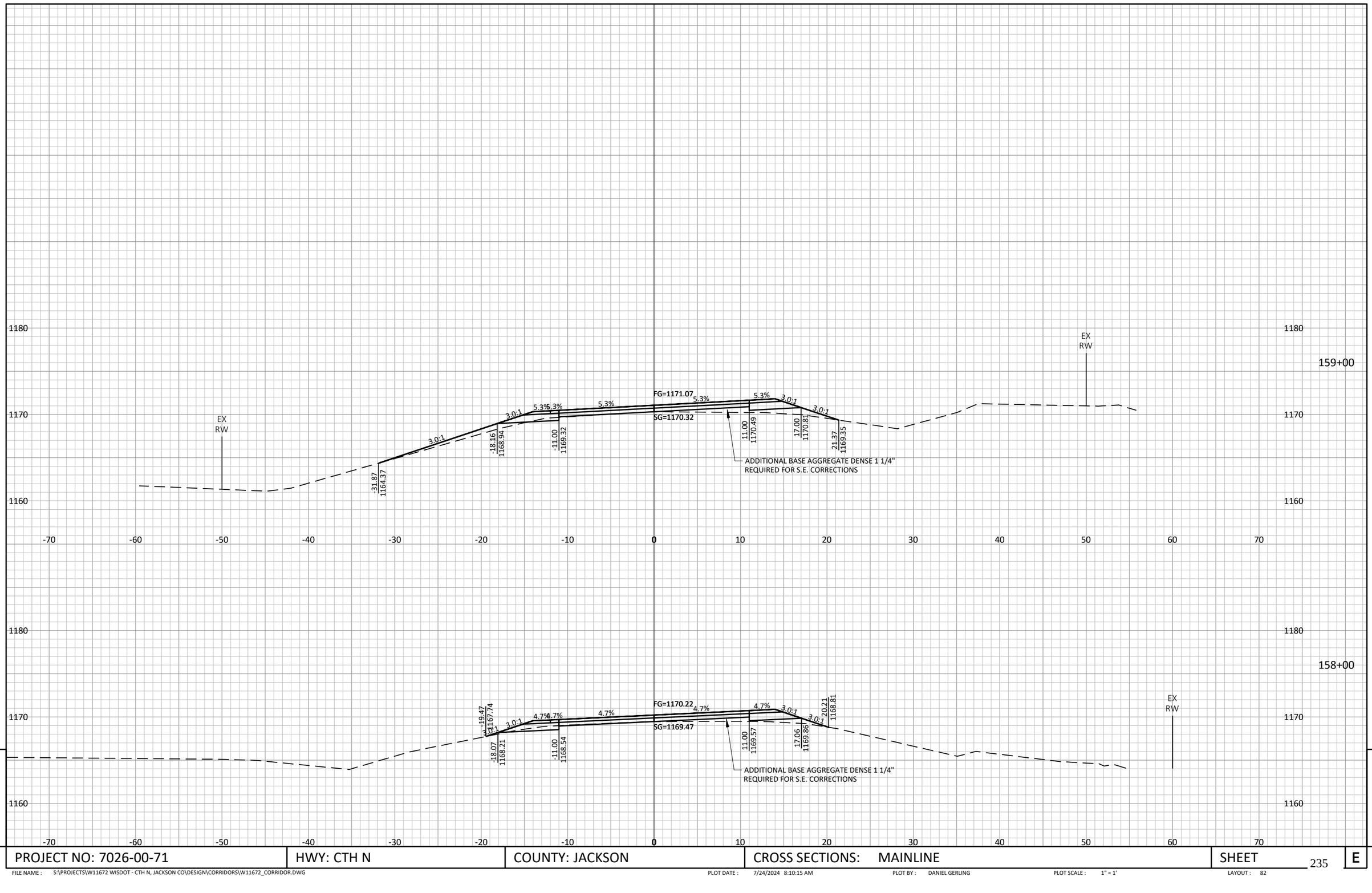


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 234	E

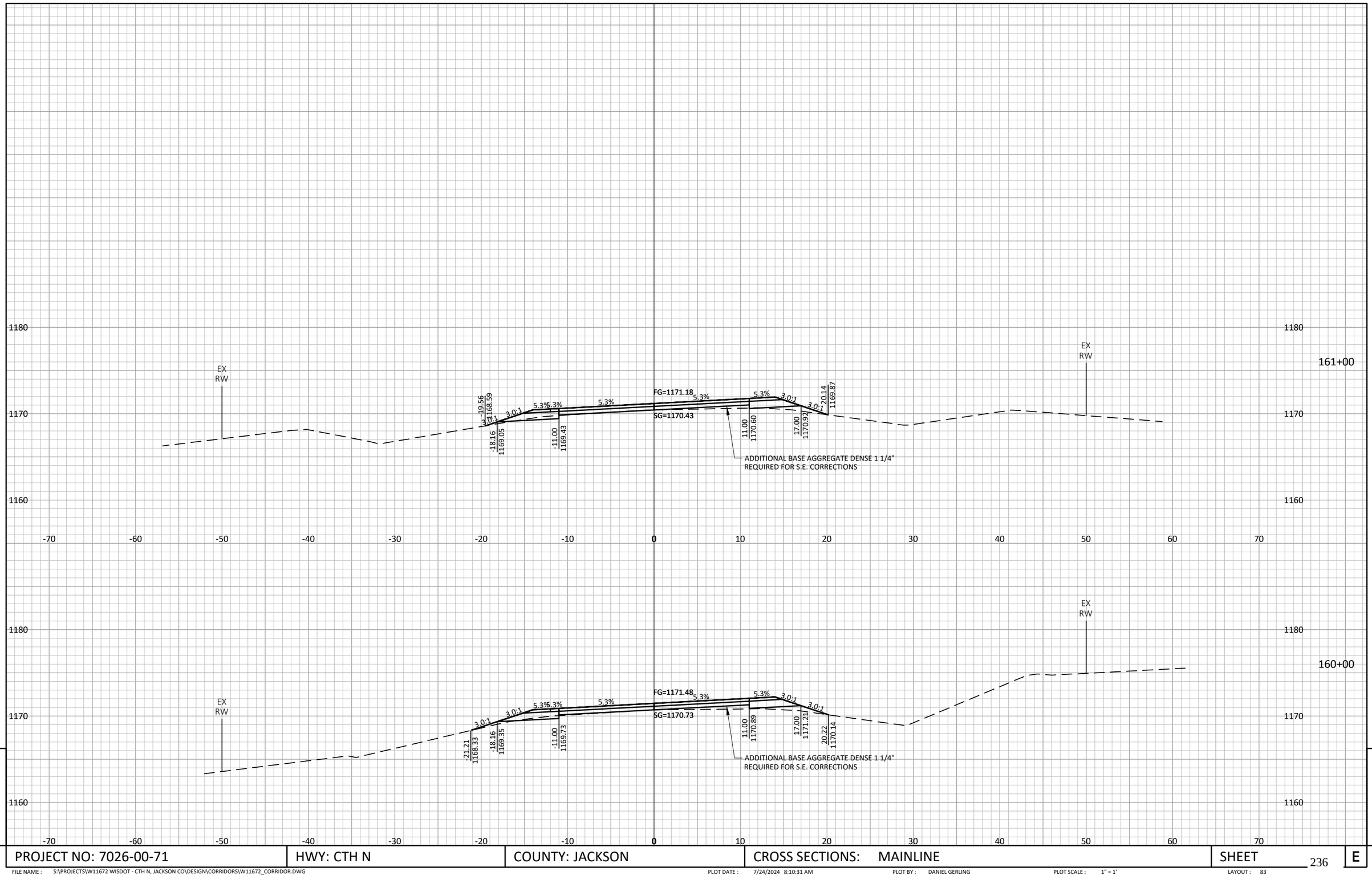
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:09:58 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 81



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 235	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:10:15 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 82

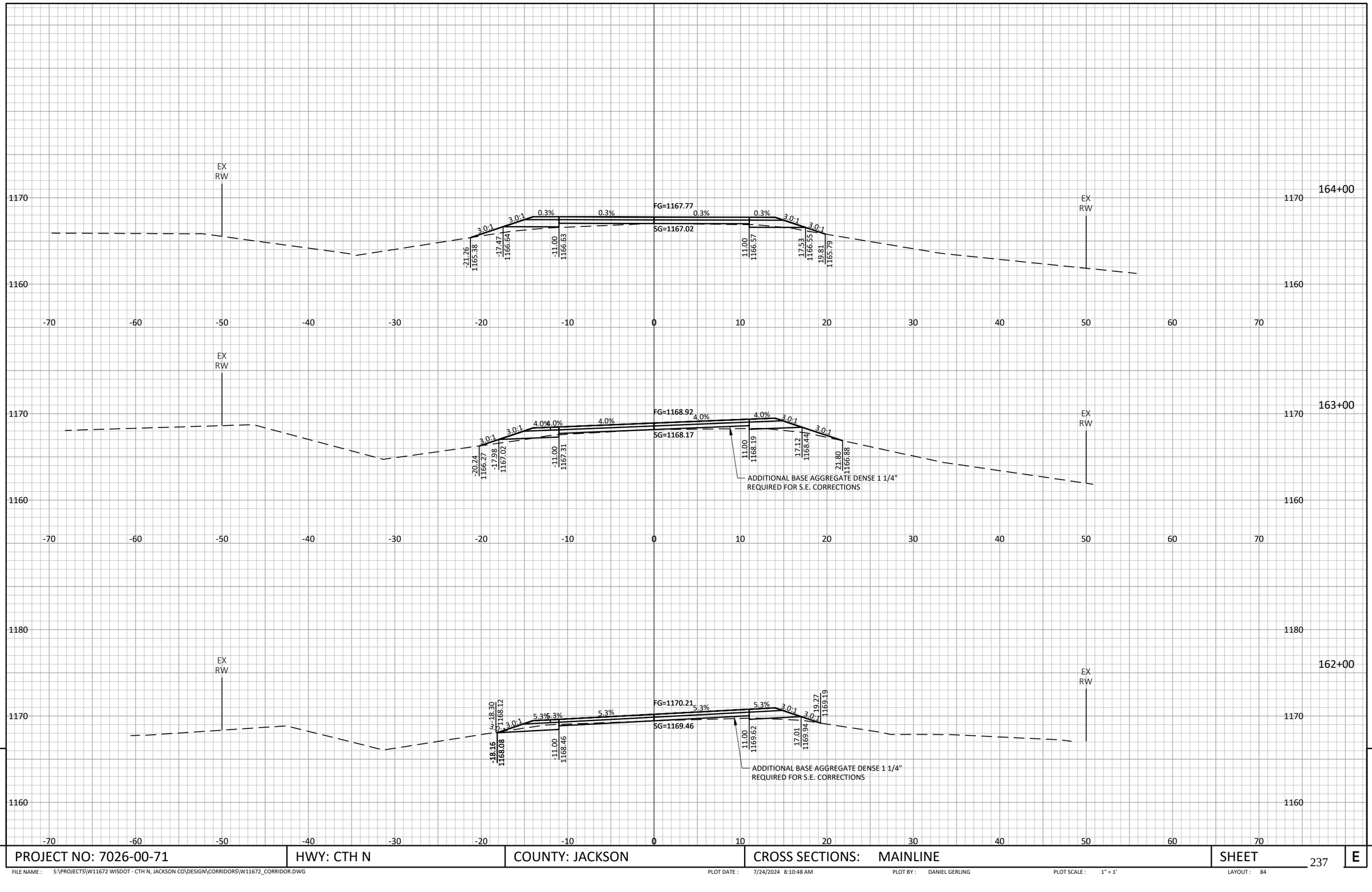
9 9



9

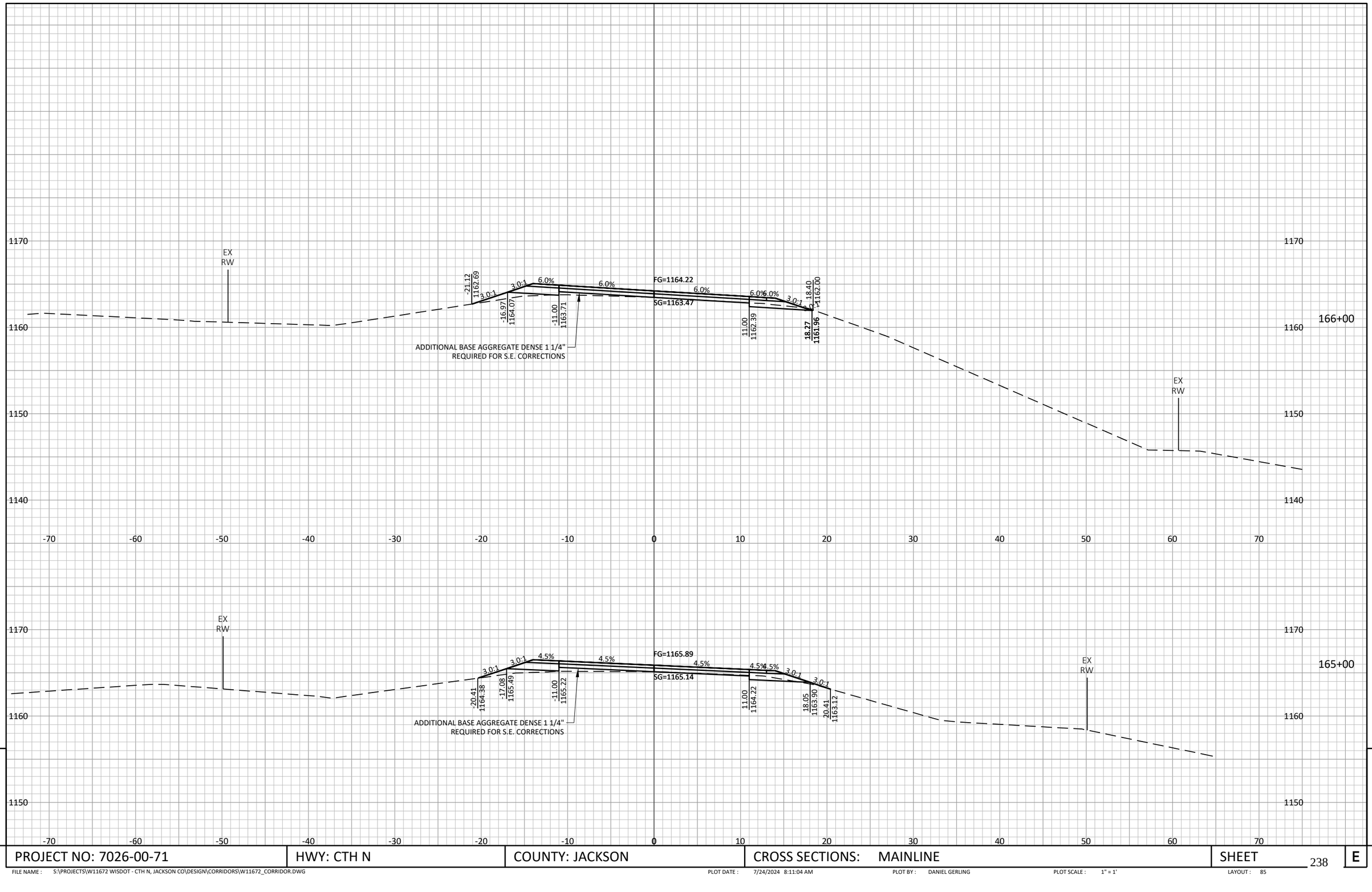
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:10:31 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 83



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 237 E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:10:48 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 84

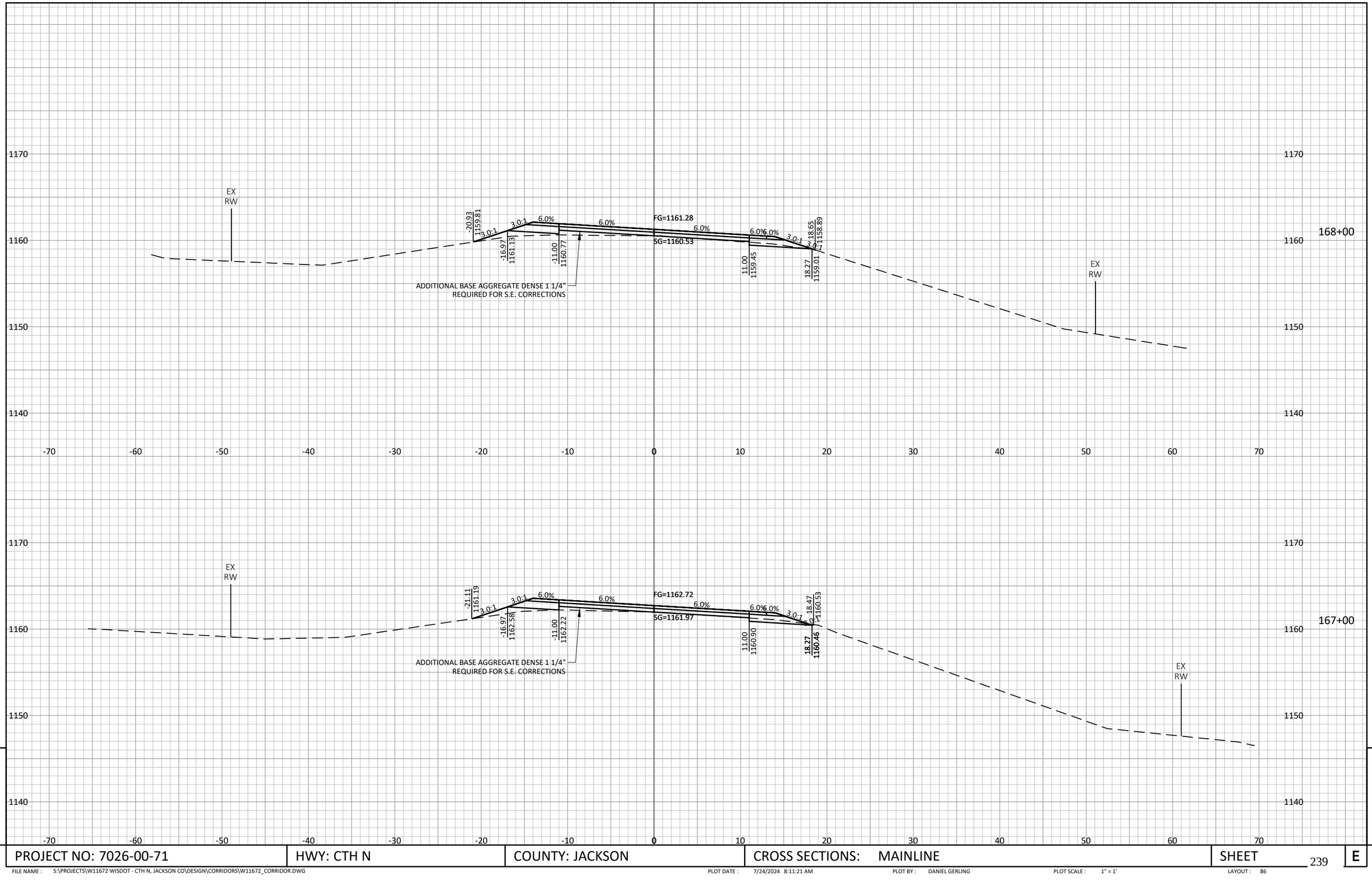


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 238	E

9

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:11:04 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 85

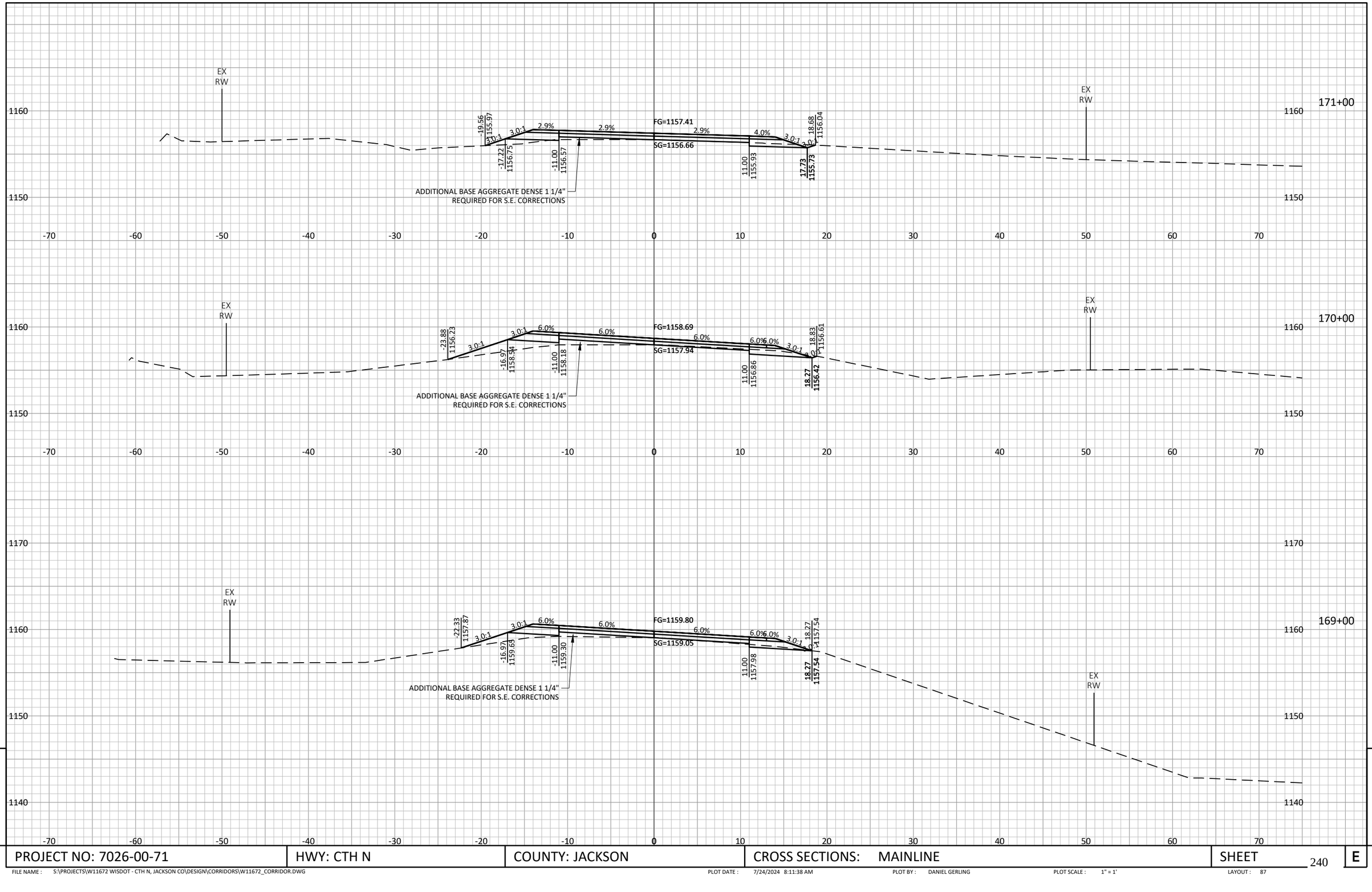


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

9

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:11:21 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 86

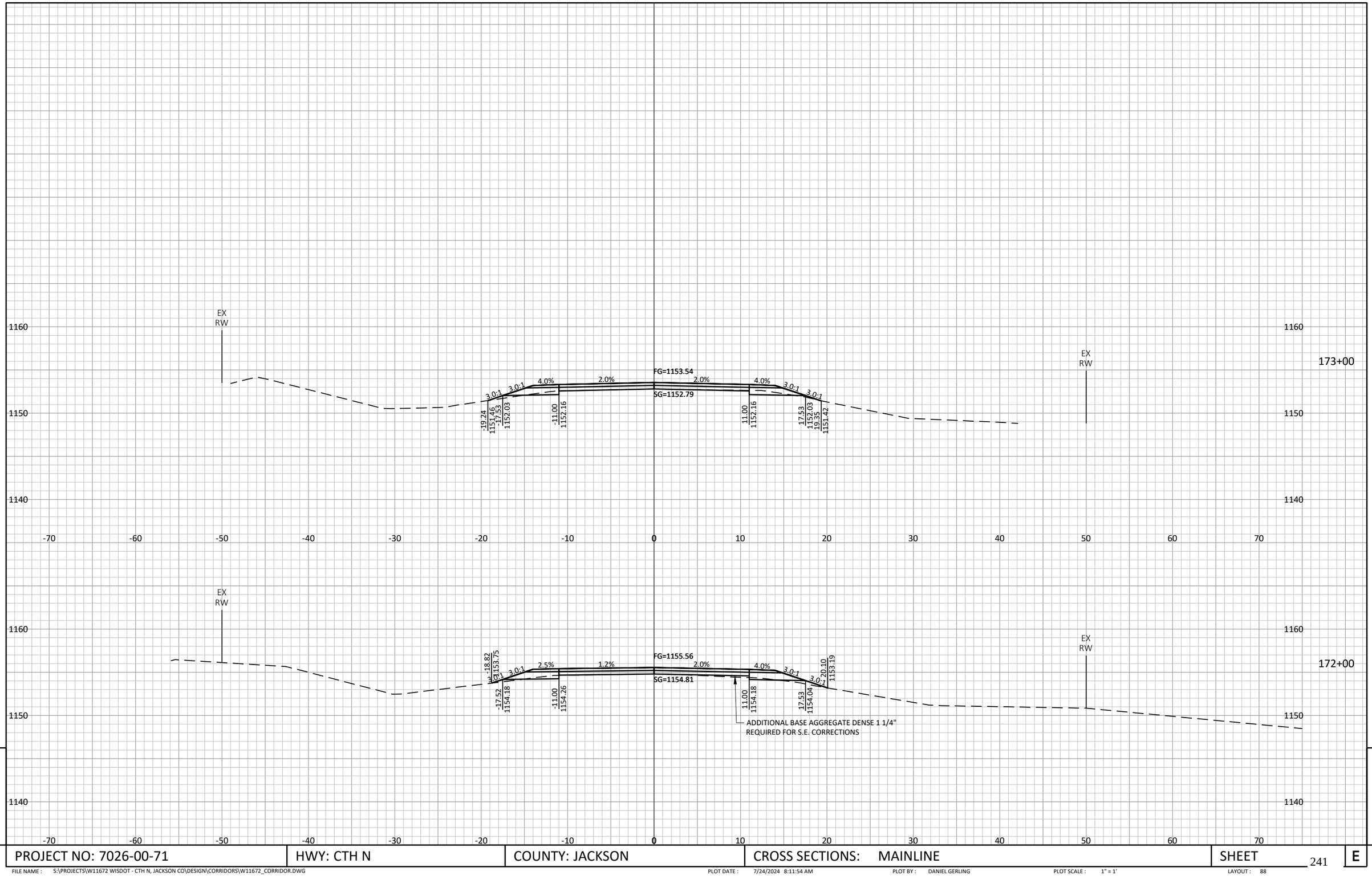


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 240	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:11:38 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 87

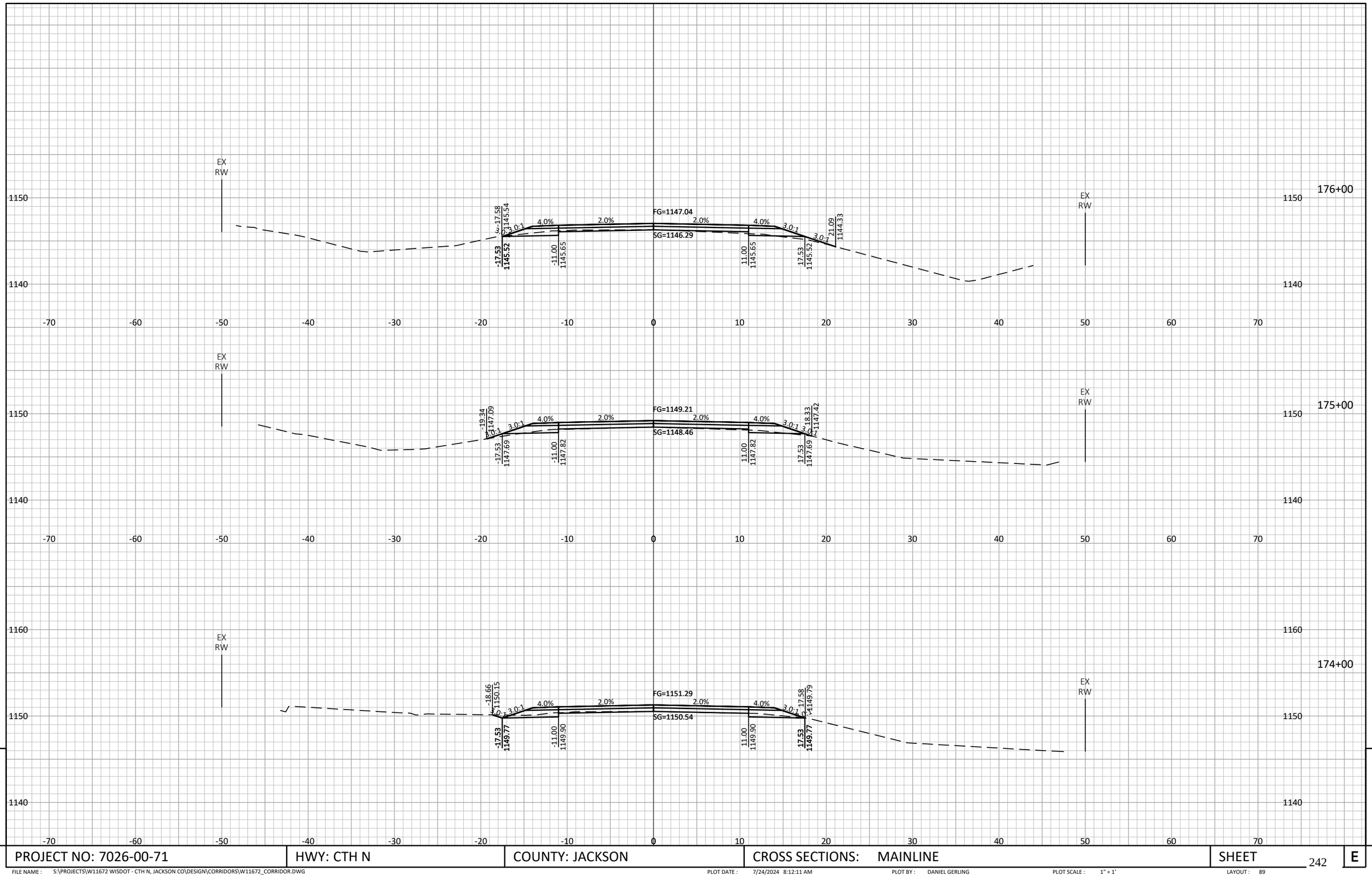


9

9

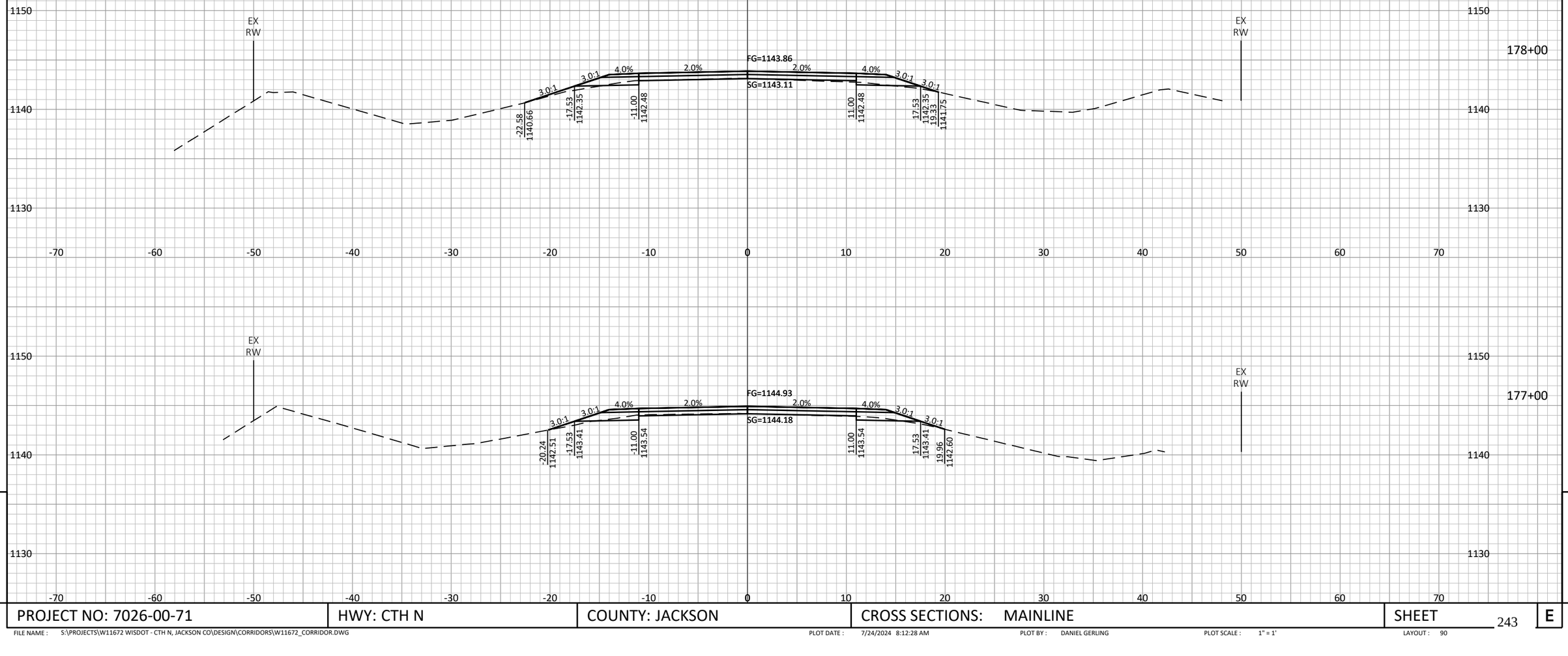
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 241	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:11:54 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 88



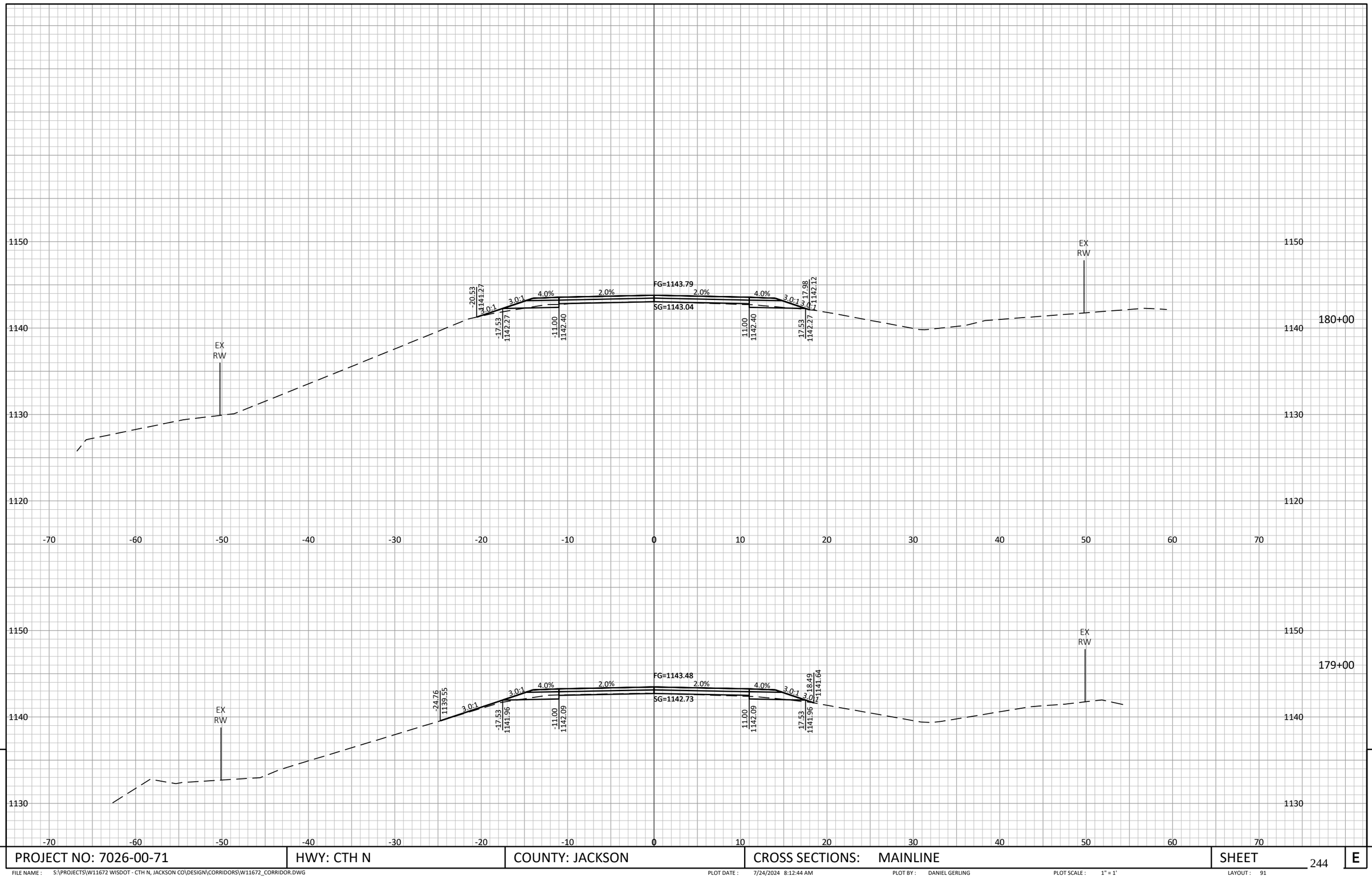
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:12:11 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 89



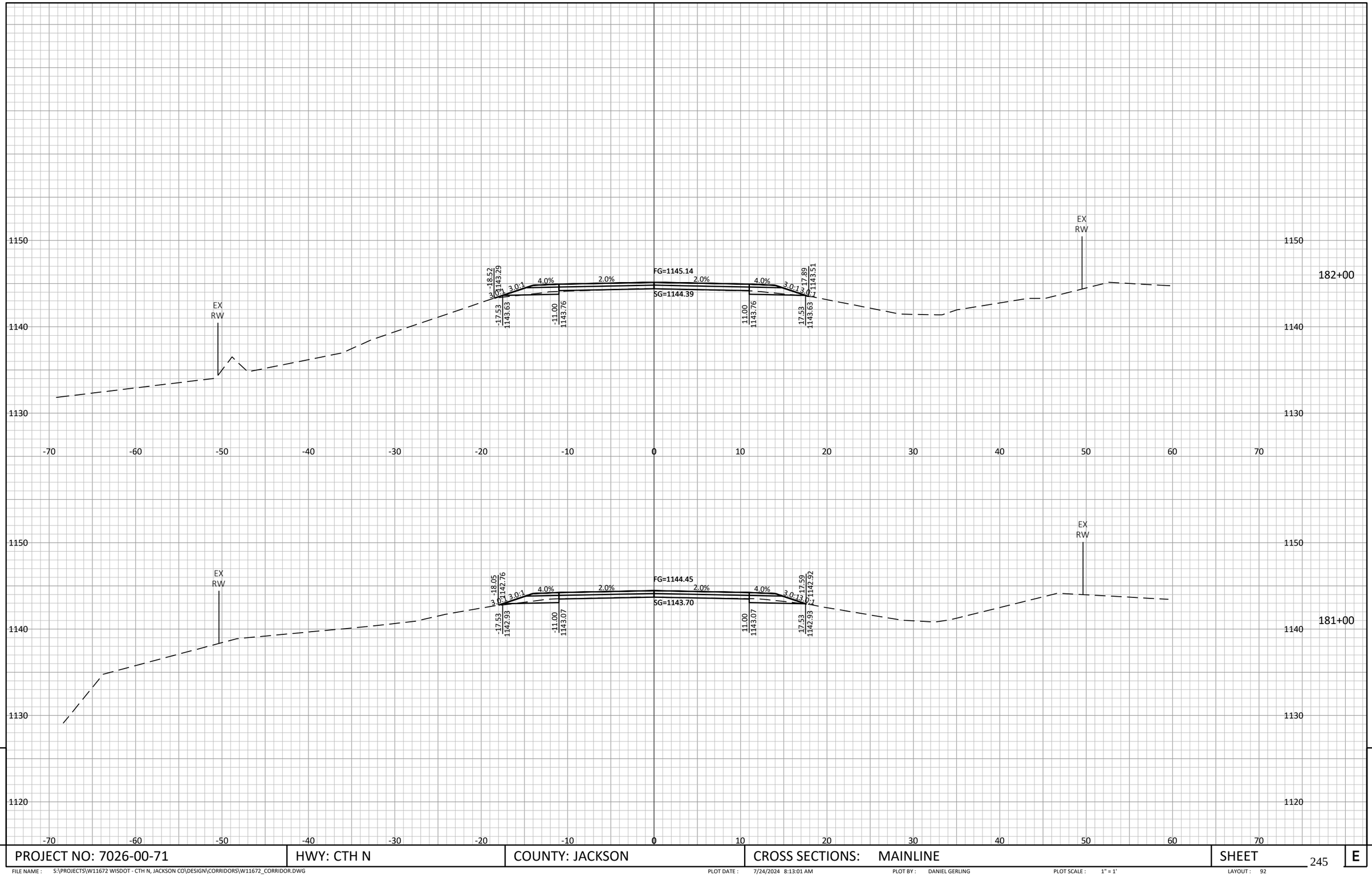
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 243	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:12:28 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 90



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 244	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:12:44 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 91

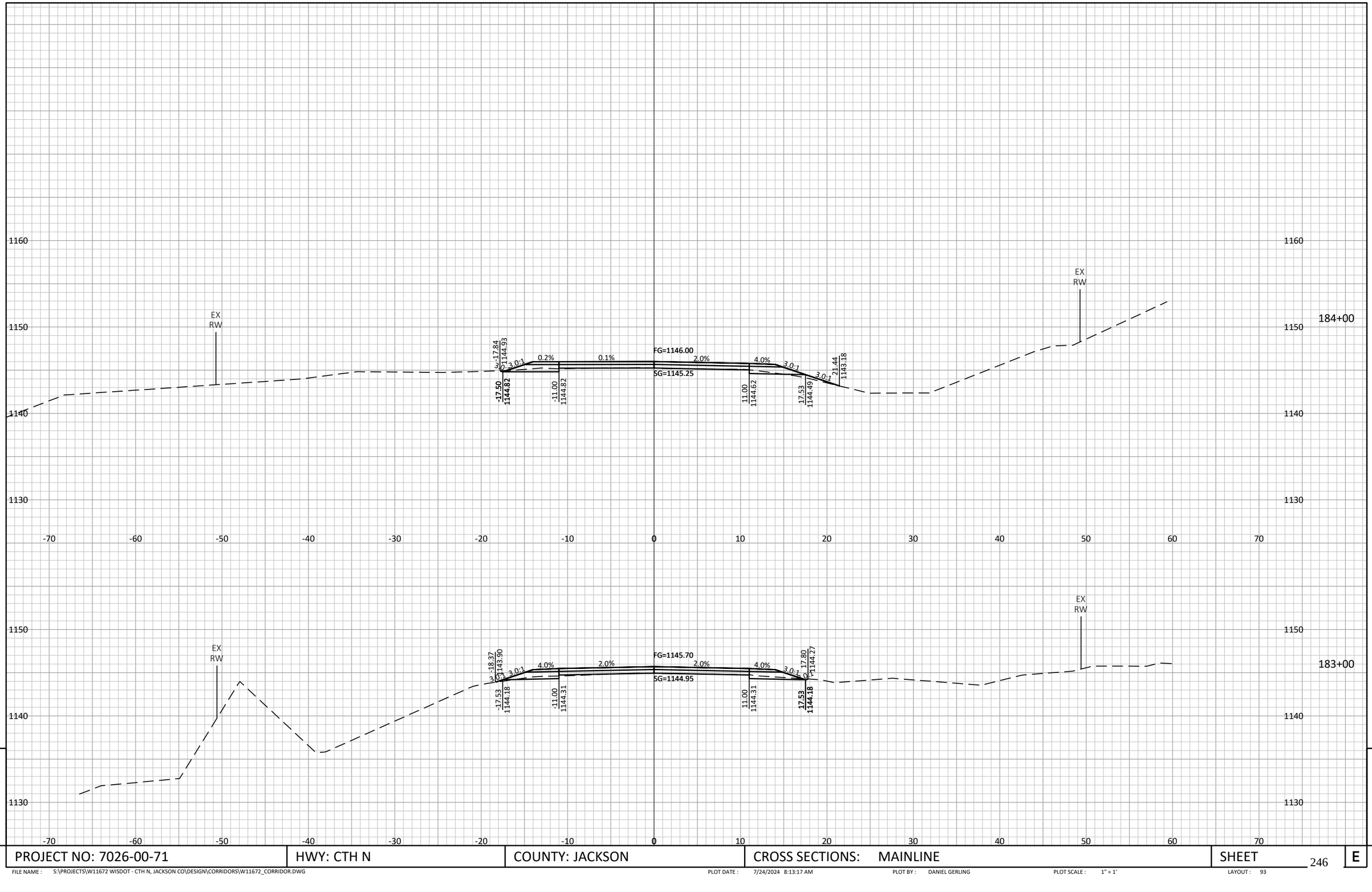


9

9

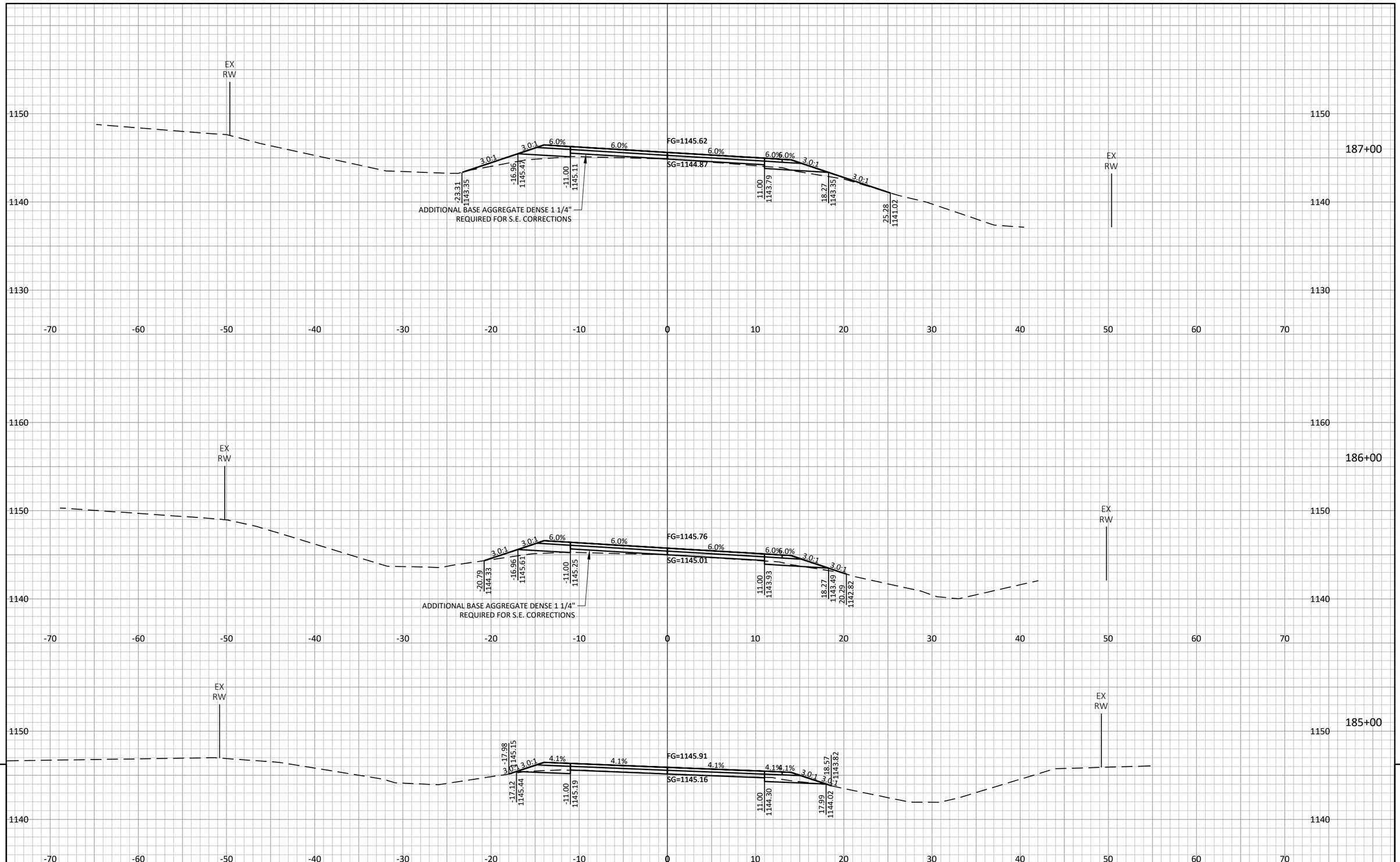
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 245	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:13:01 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 92



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 246	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:13:17 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 93

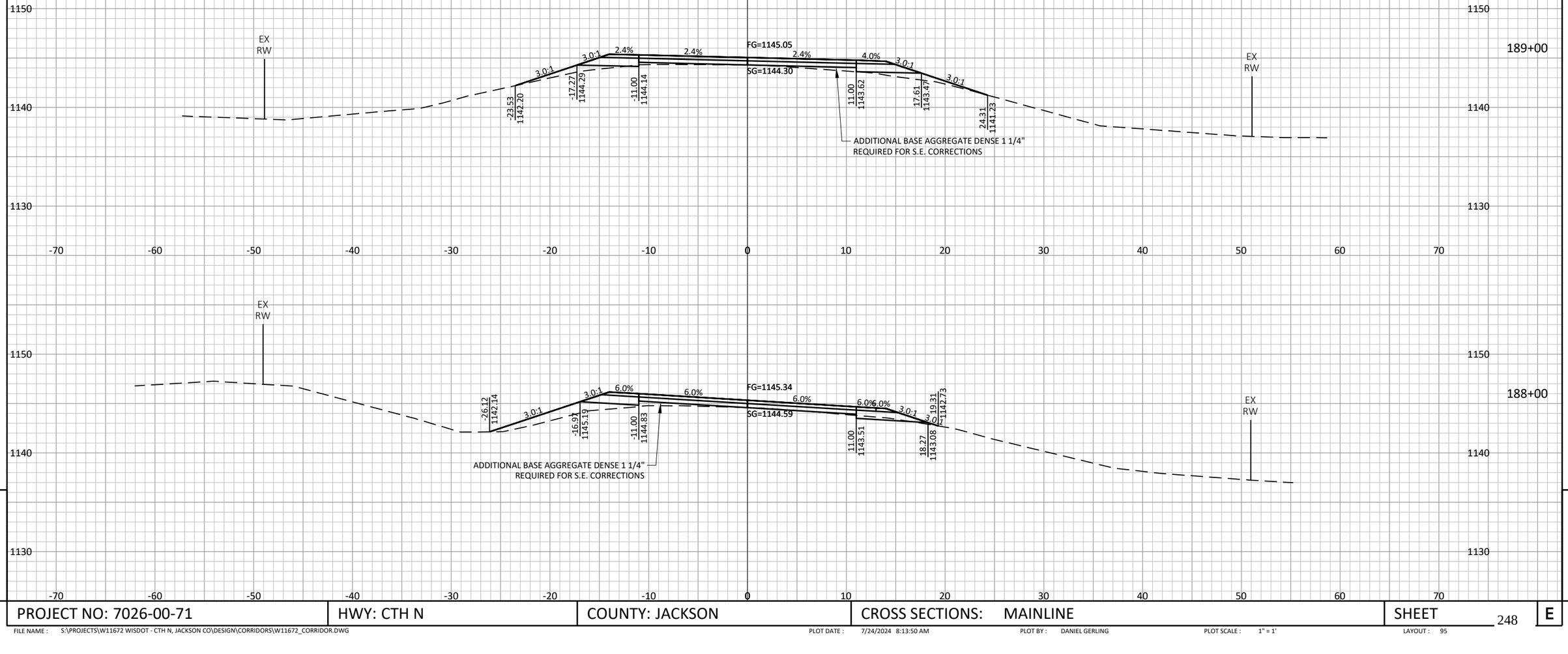


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 247	E

9

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:13:34 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 94

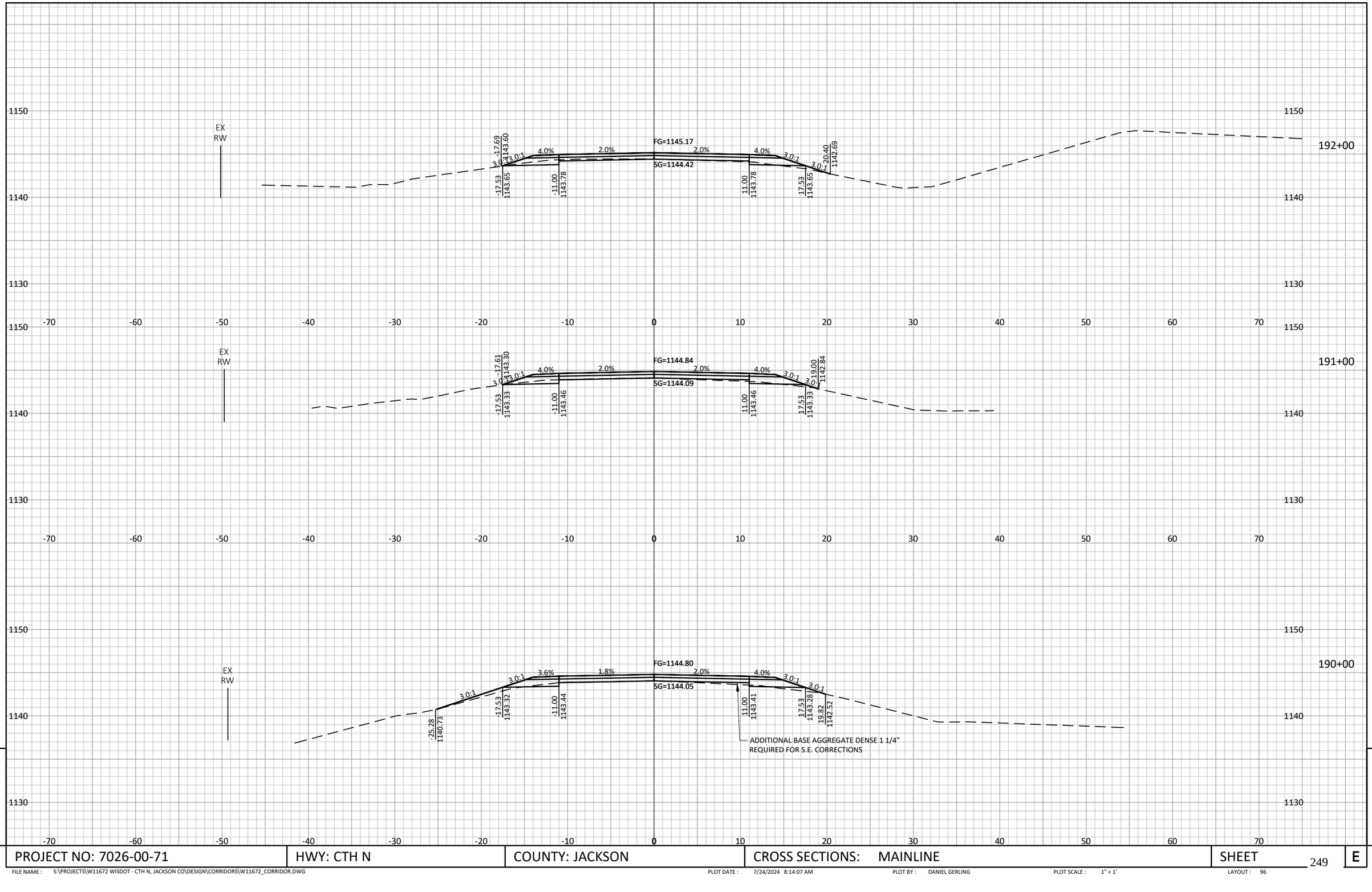


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 248	E

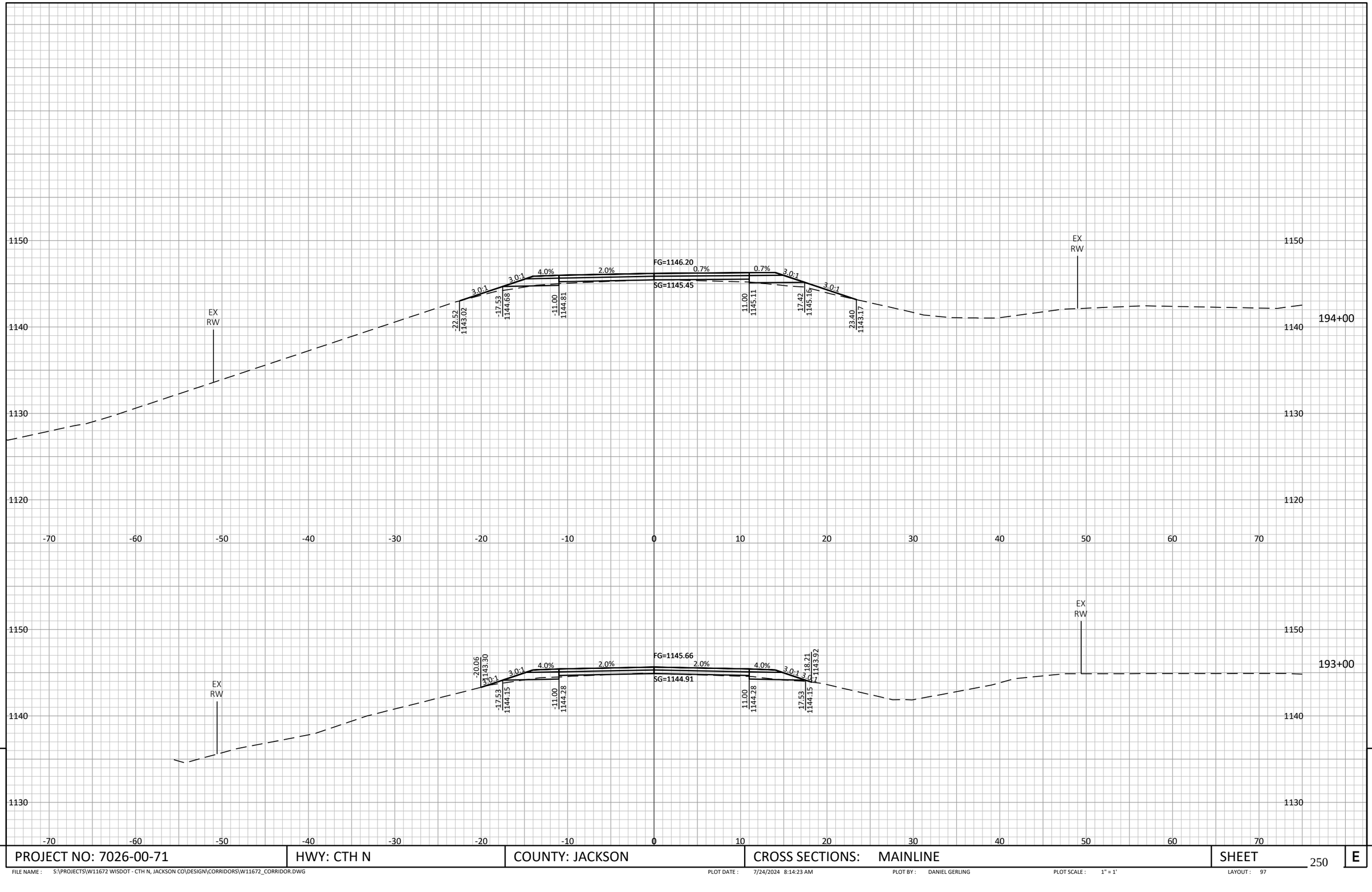
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:13:50 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 95

9



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:14:07 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 96

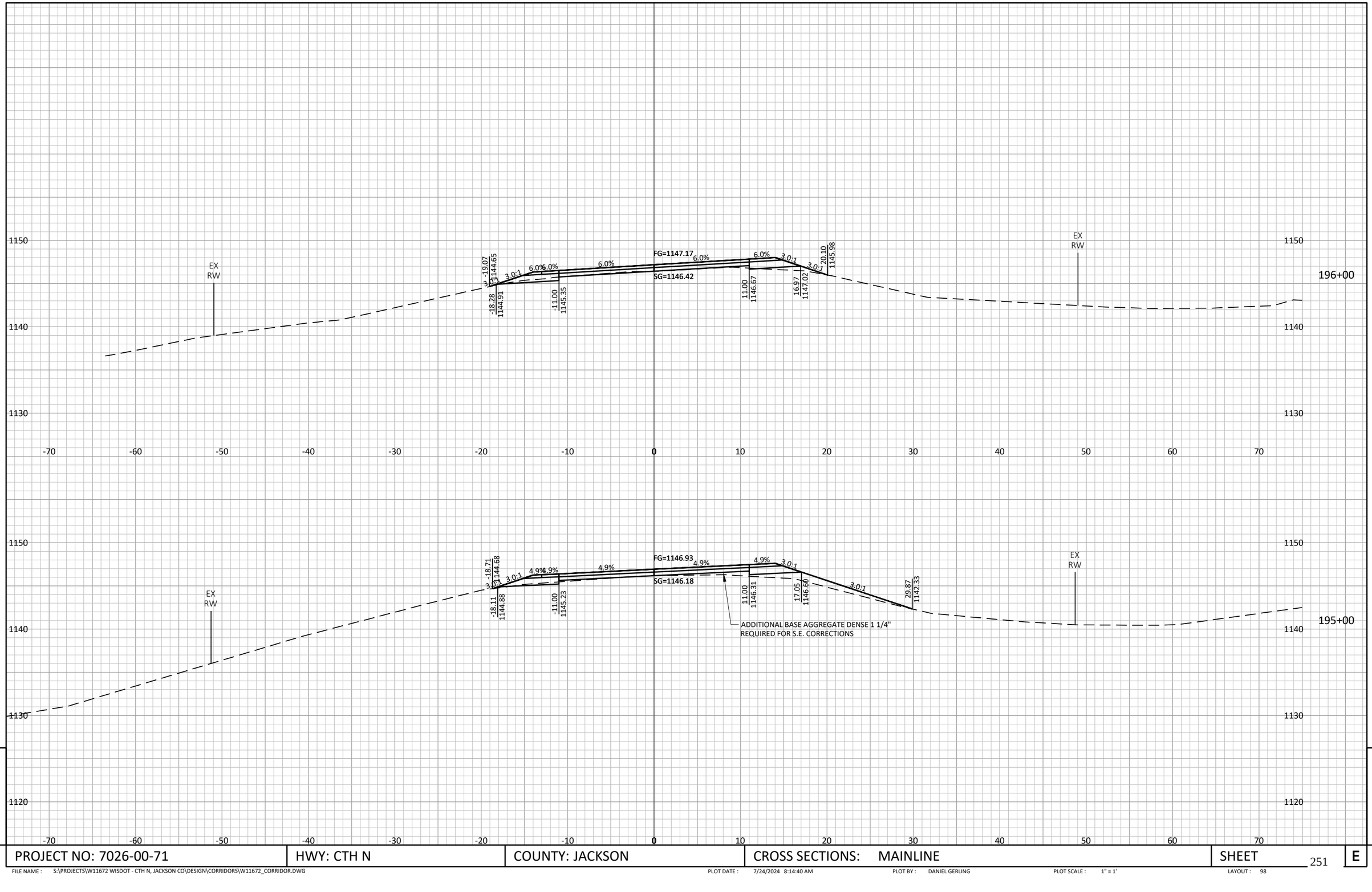


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 250	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:14:23 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 97



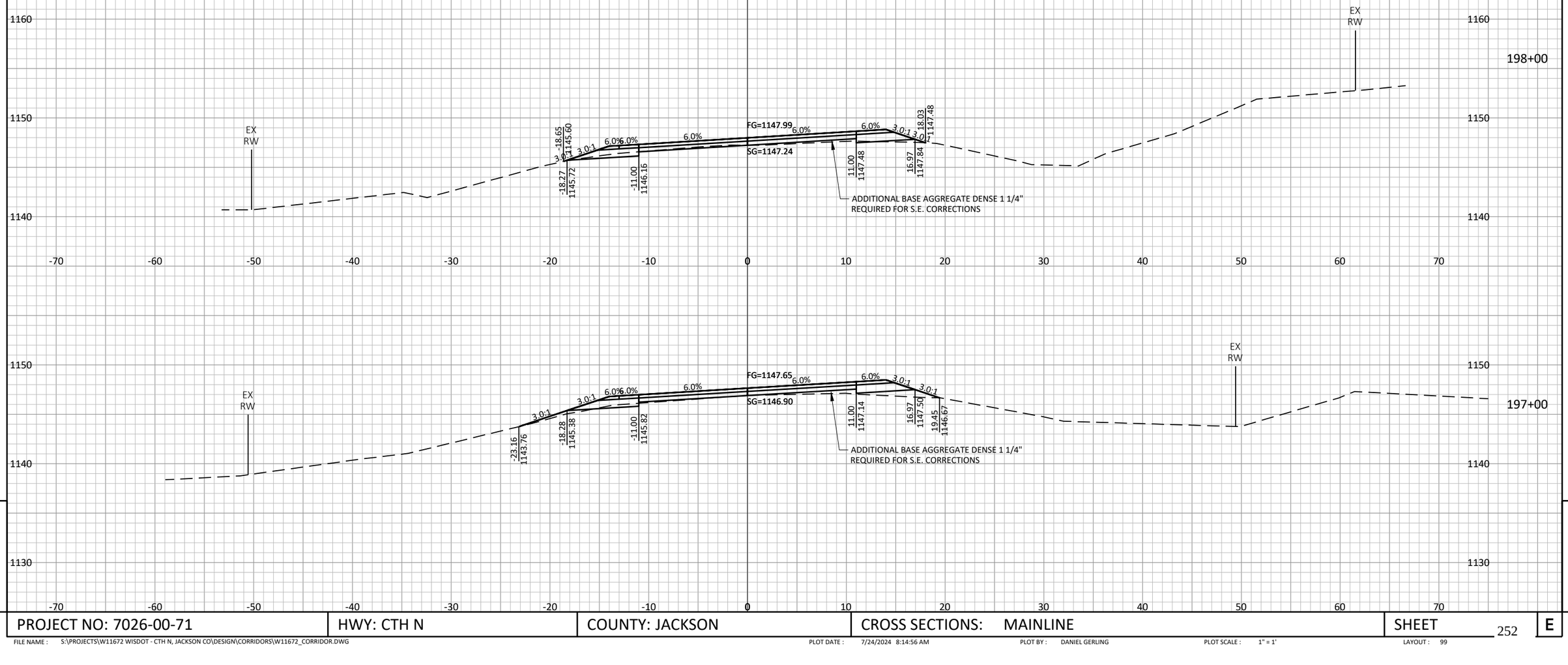
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:14:40 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 98

198+00



197+00

9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 252	E

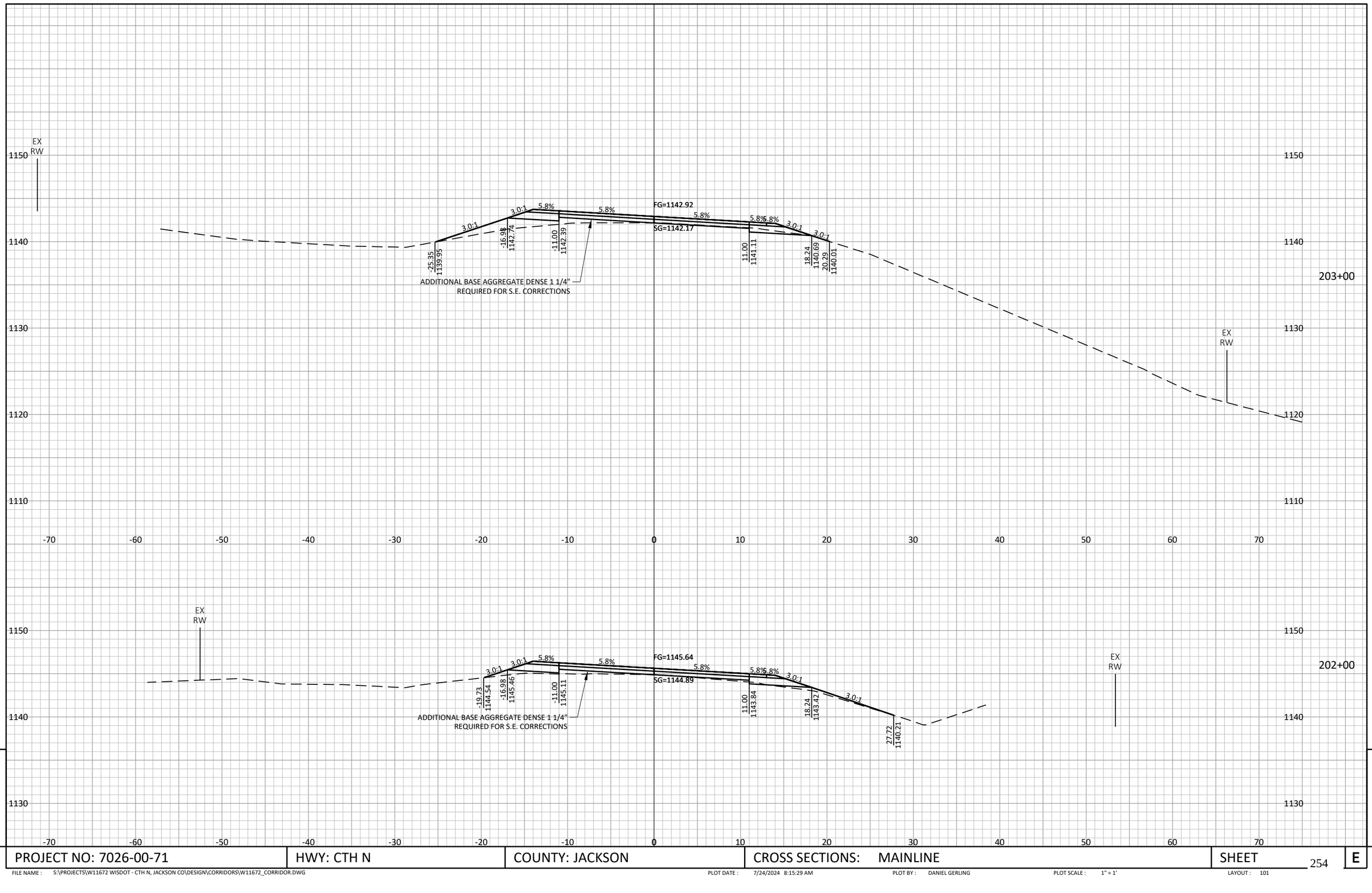
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:14:56 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 99

9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 253	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:15:13 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 100



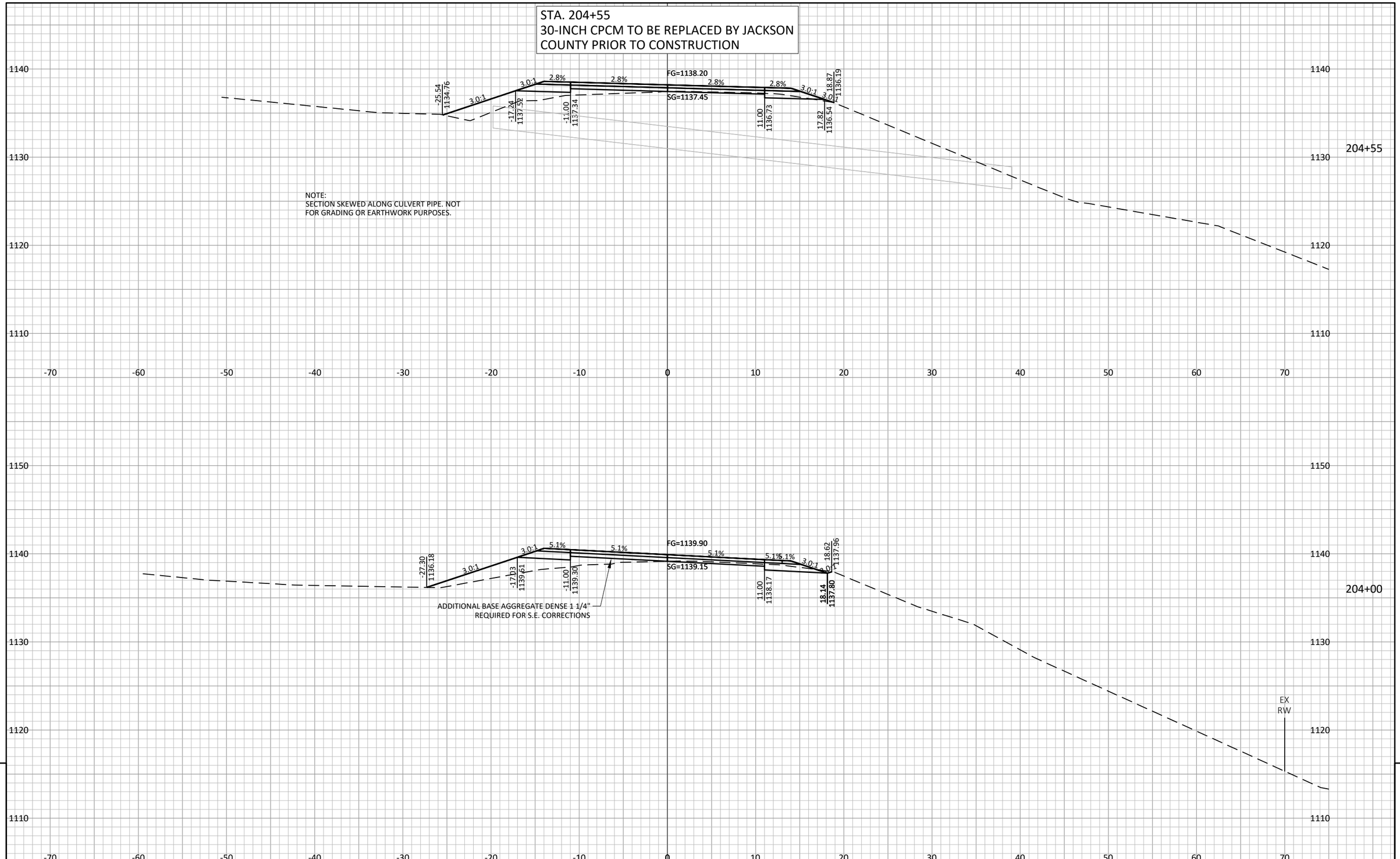
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 254	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:15:29 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 101

STA. 204+55
30-INCH CPCM TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

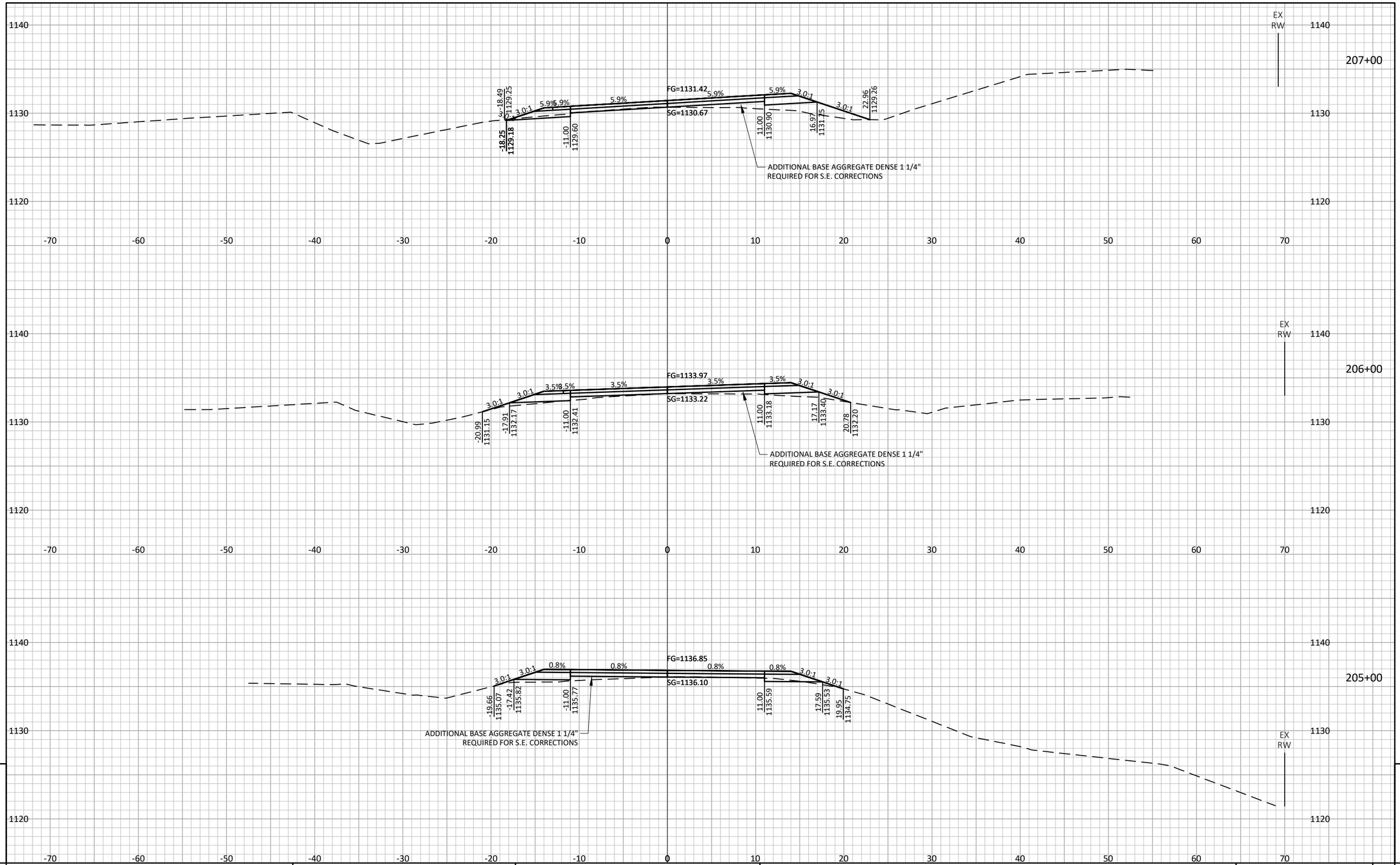


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 255	E

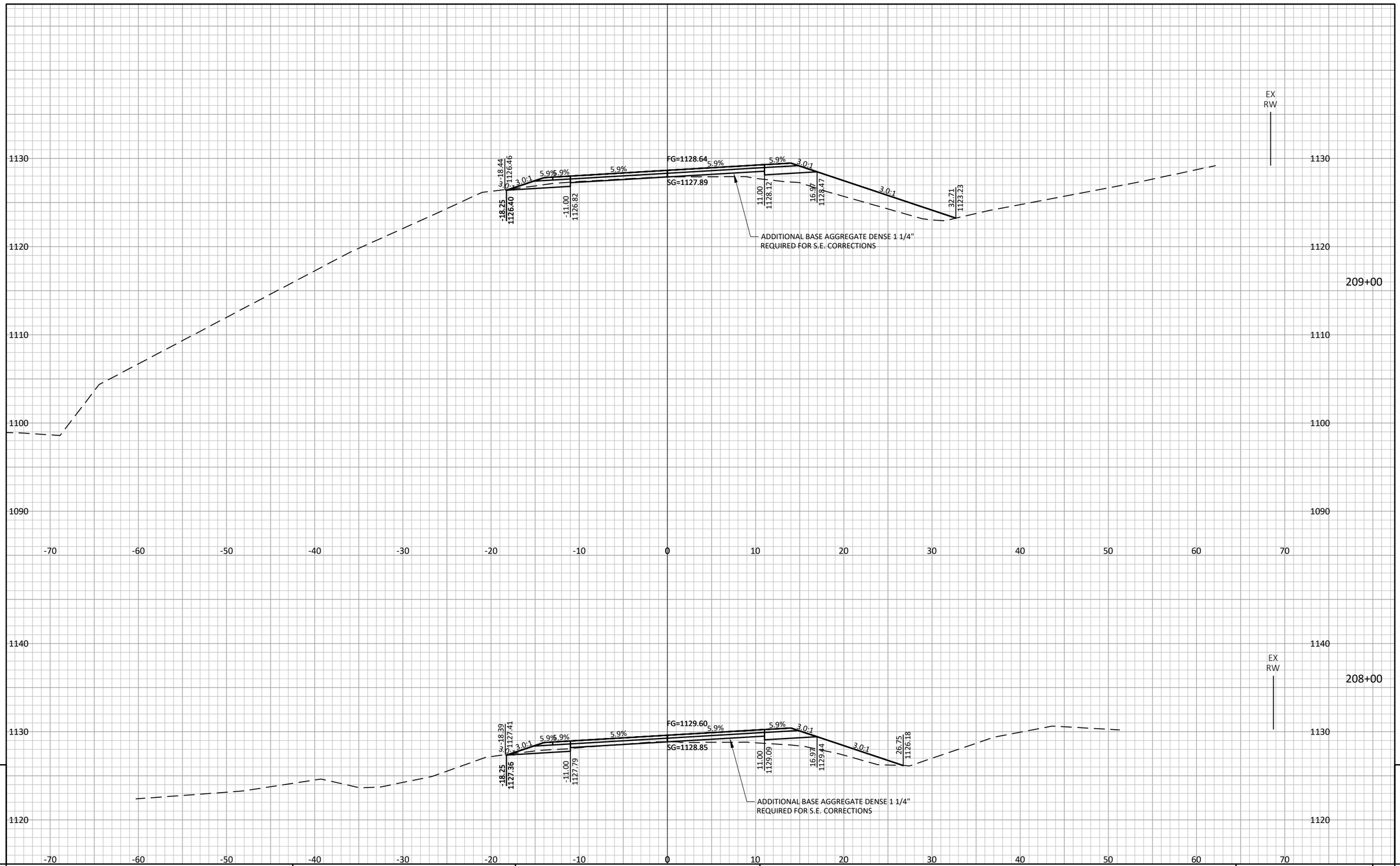
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:15:46 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 102

9



9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 256	E



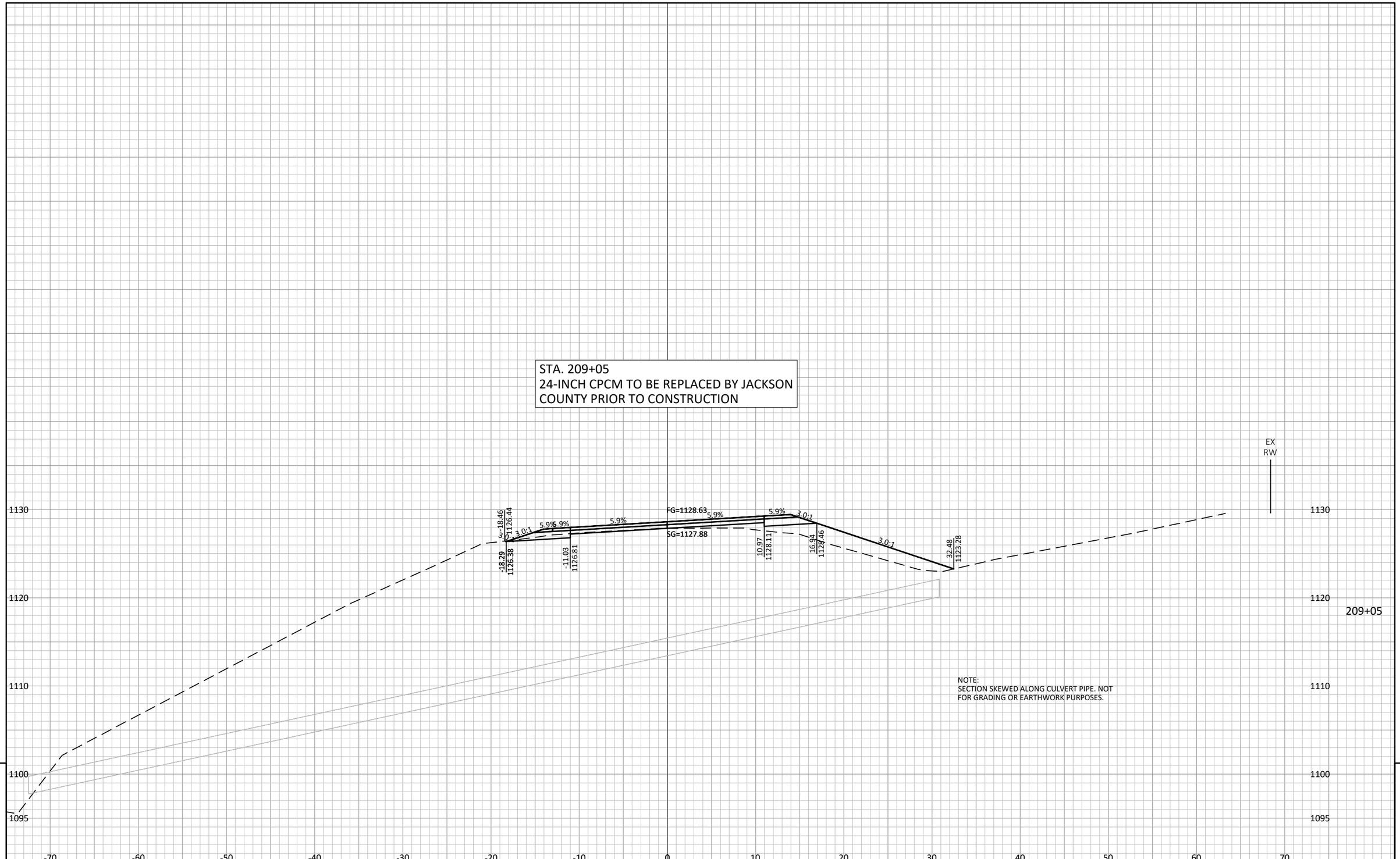
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 257	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:16:19 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 104

STA. 209+05
24-INCH CPCM TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

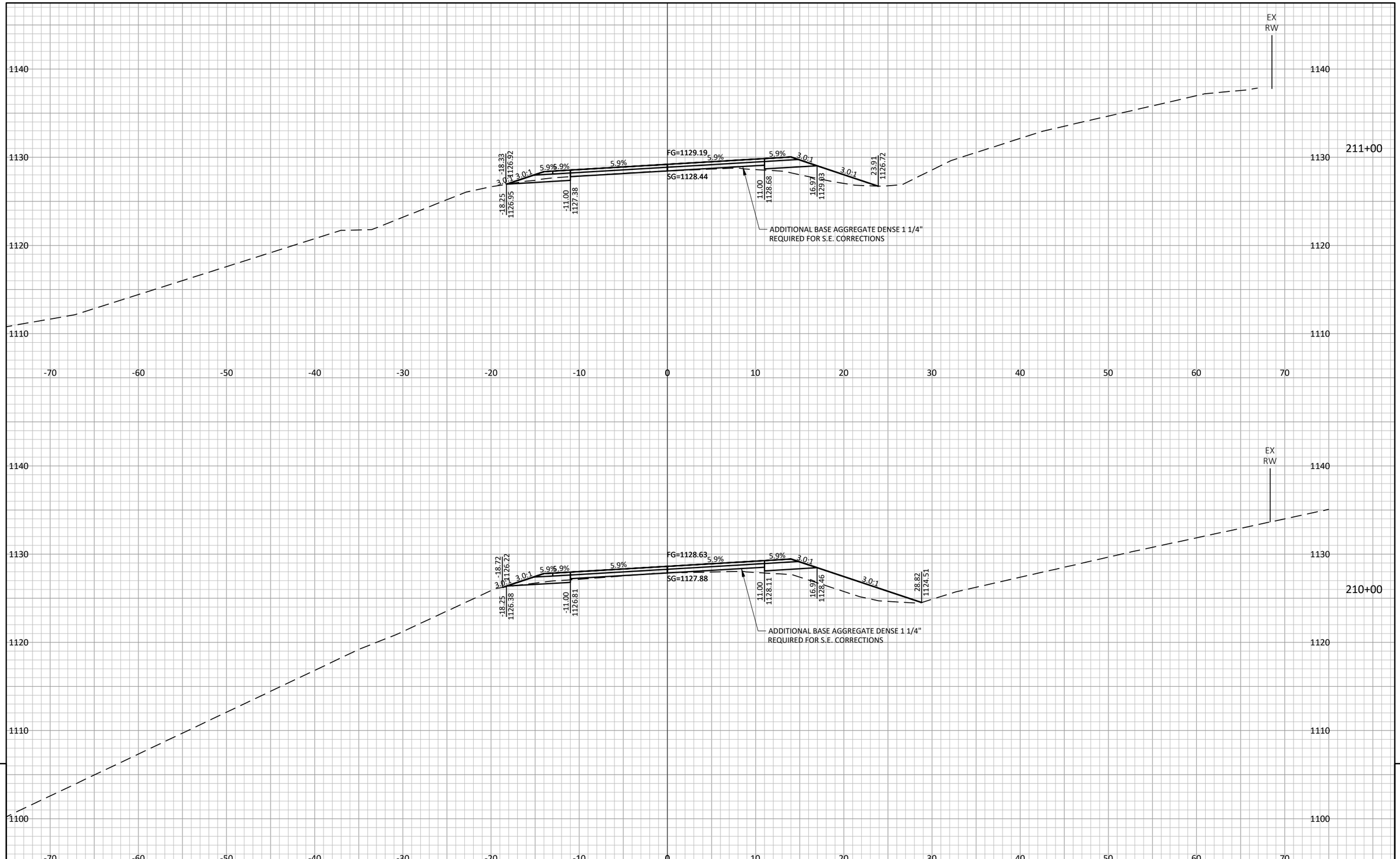


NOTE:
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING OR EARTHWORK PURPOSES.

9

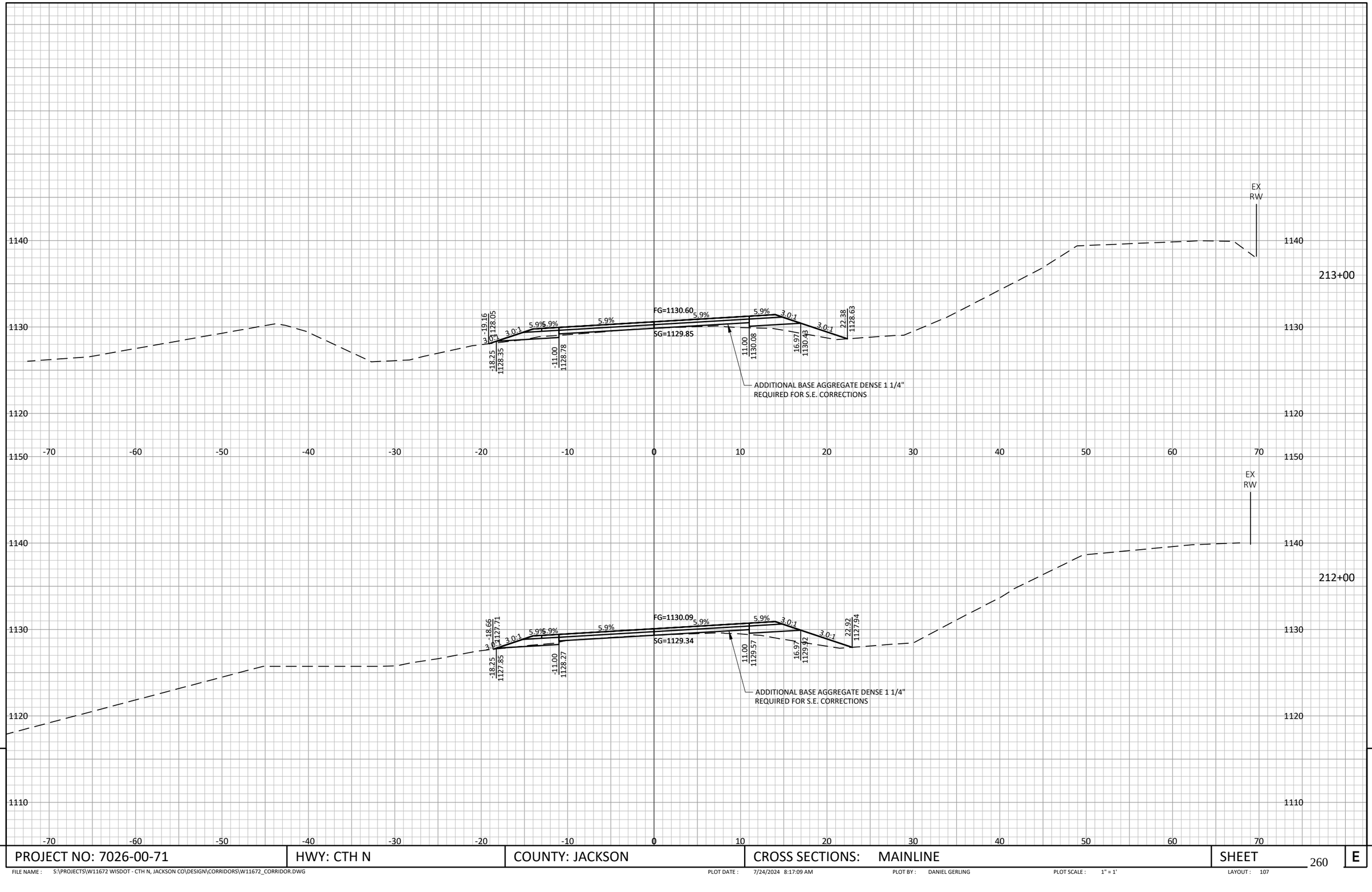
9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 258	E



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 259 E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:16:52 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 106

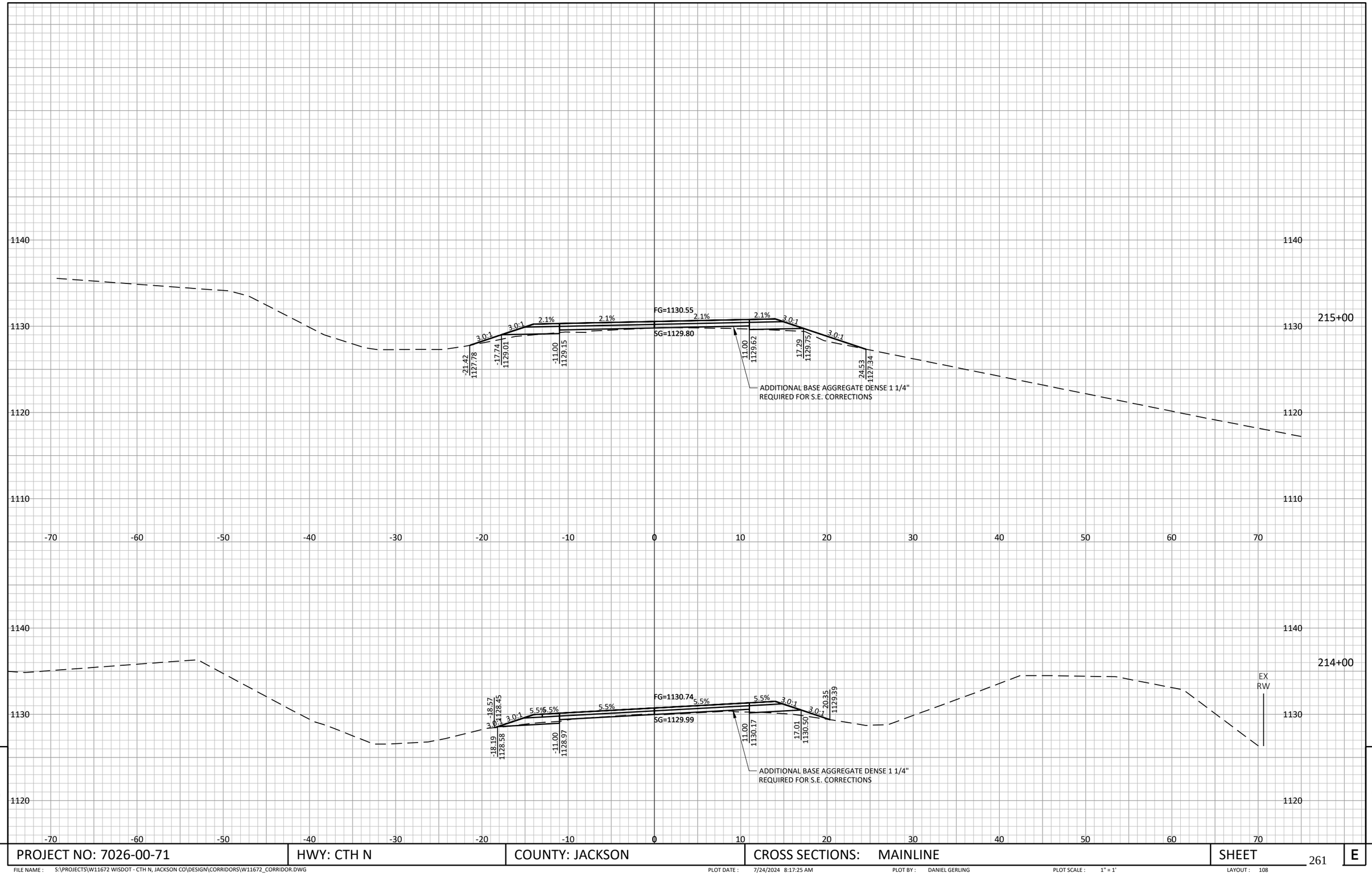


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 260	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:17:09 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 107

9

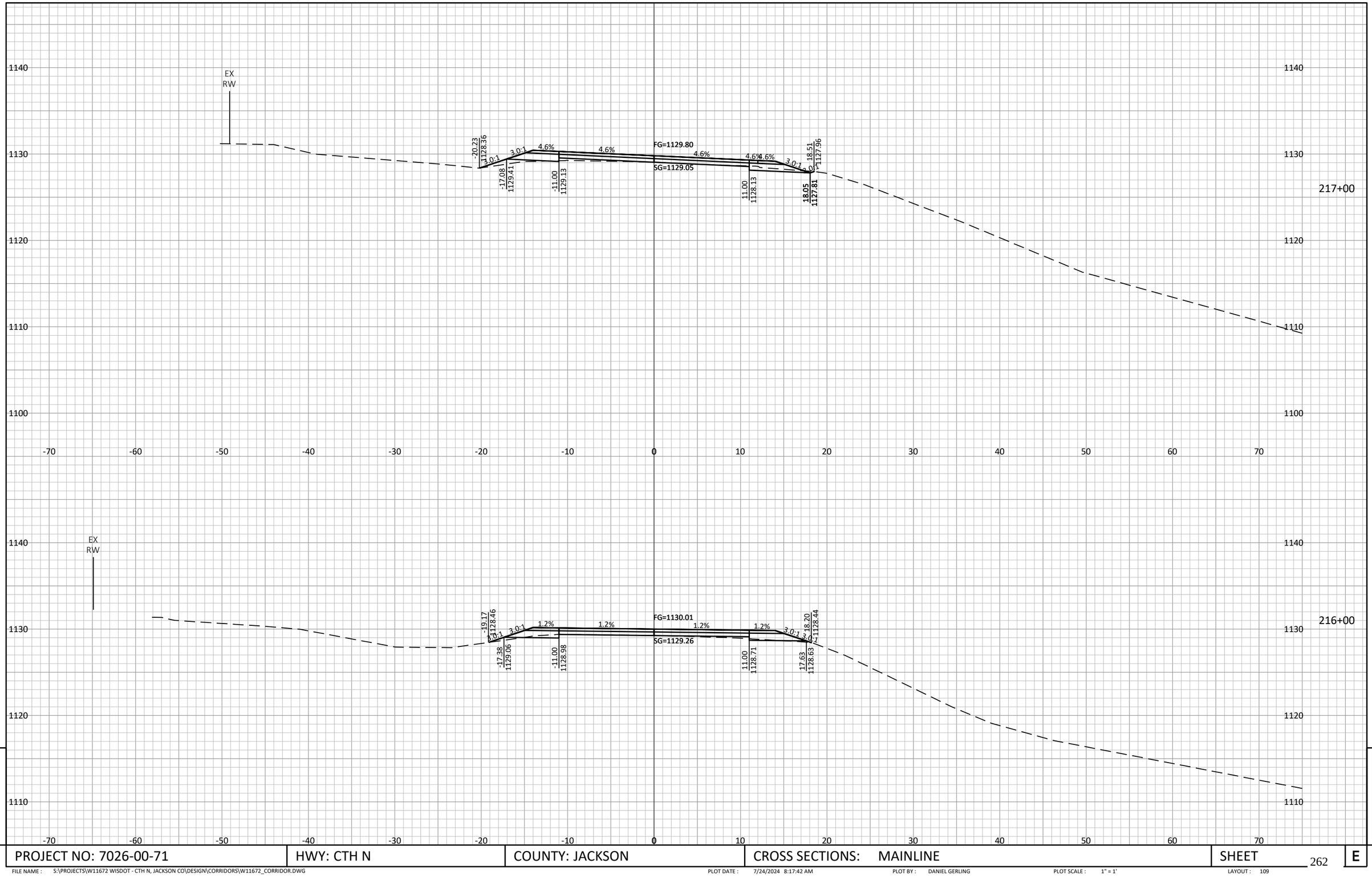


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 261	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:17:25 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 108

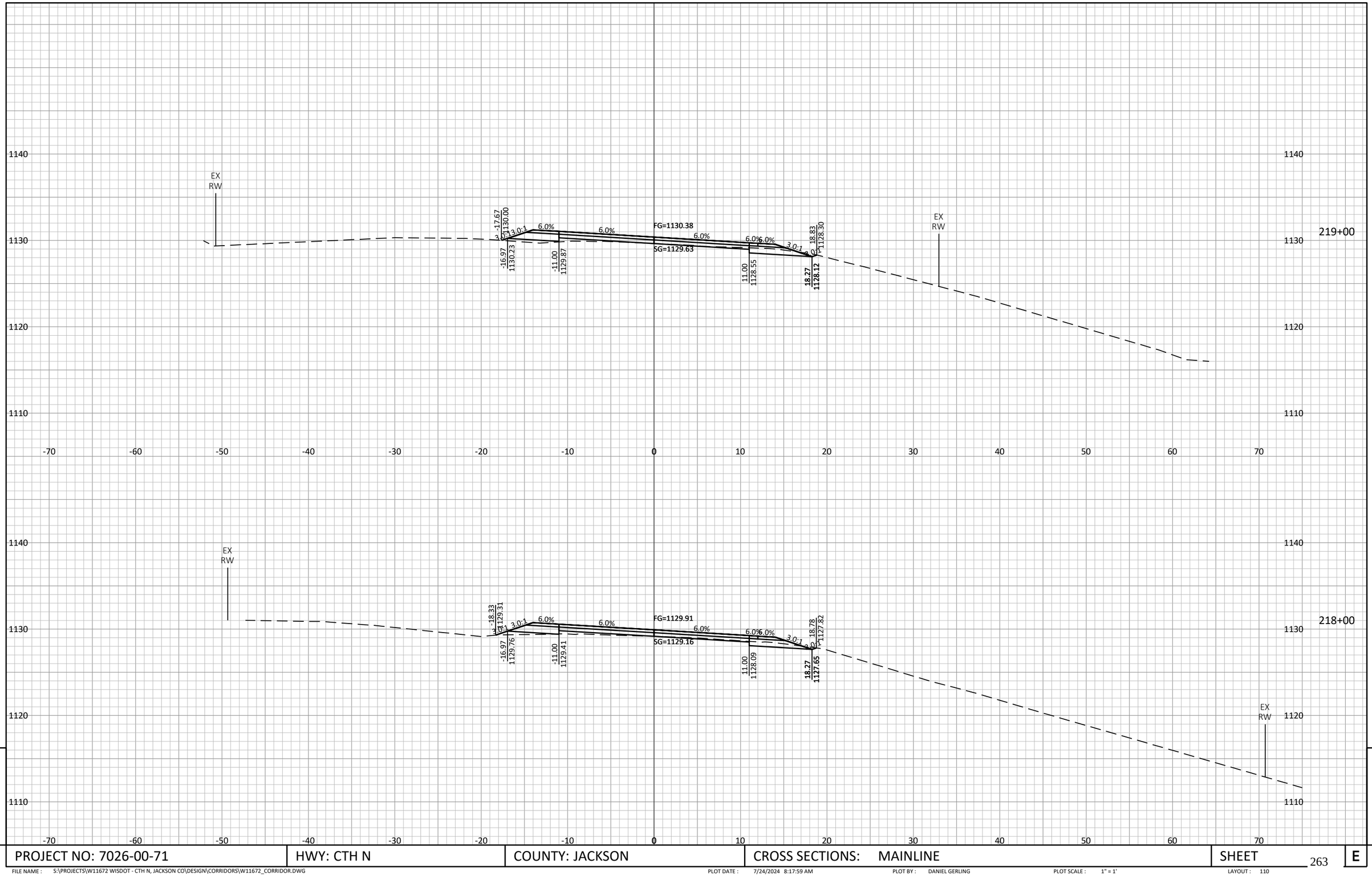


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 262	E

9

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:17:42 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 109



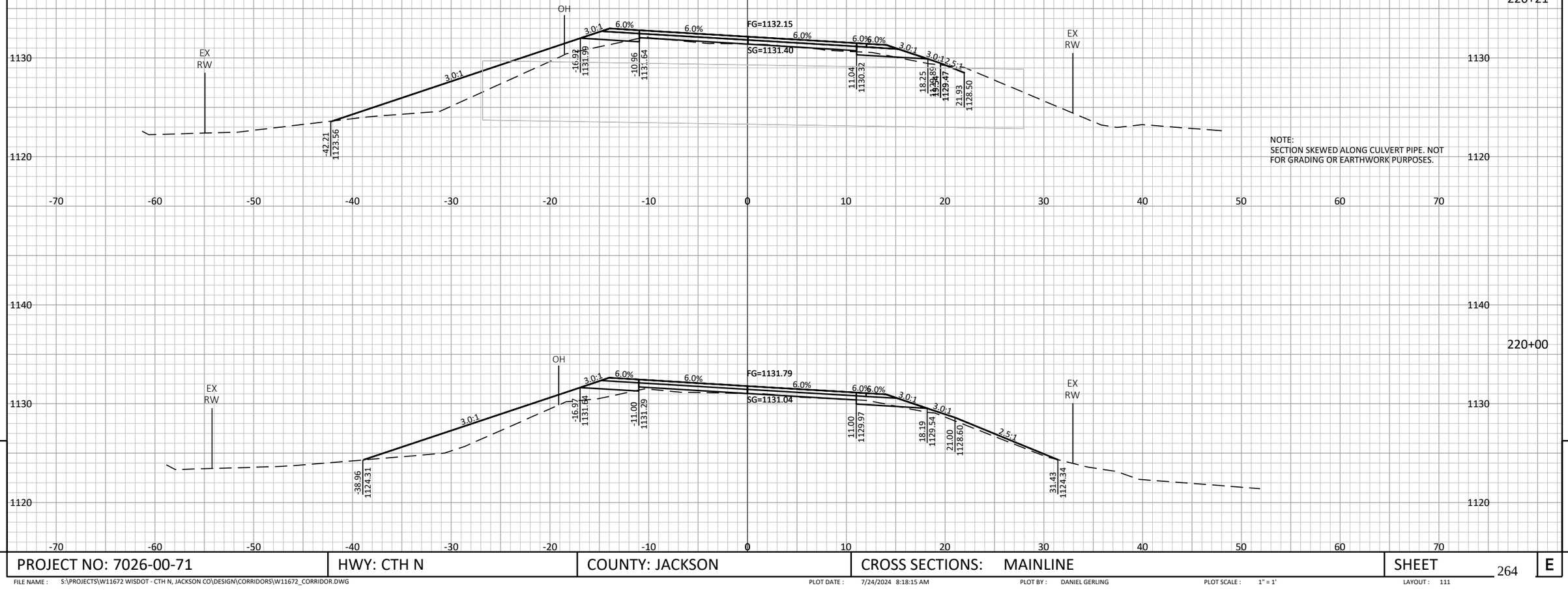
9

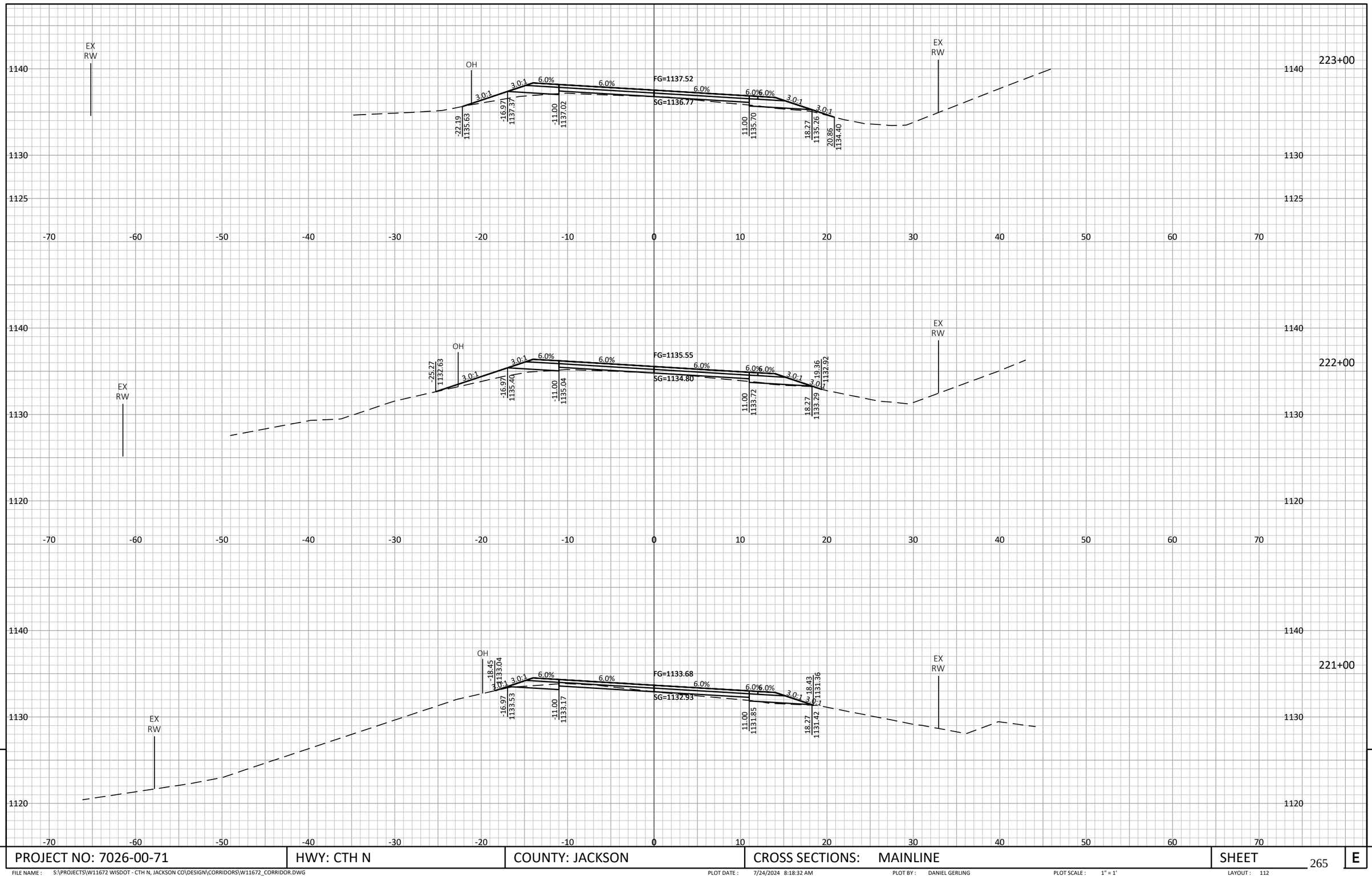
9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:17:59 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 110

STA. 220+20
72-INCH CPCM TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

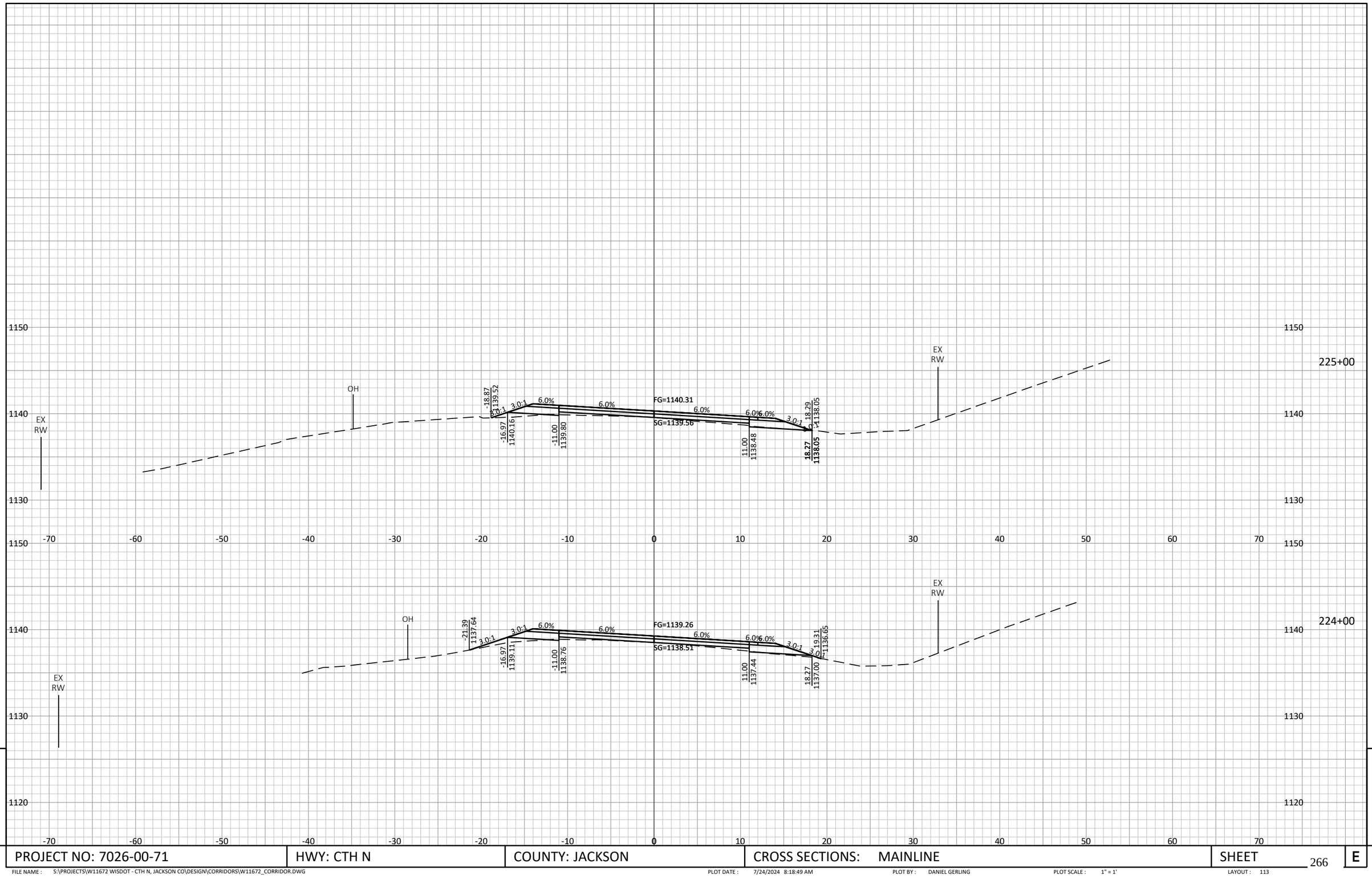




9

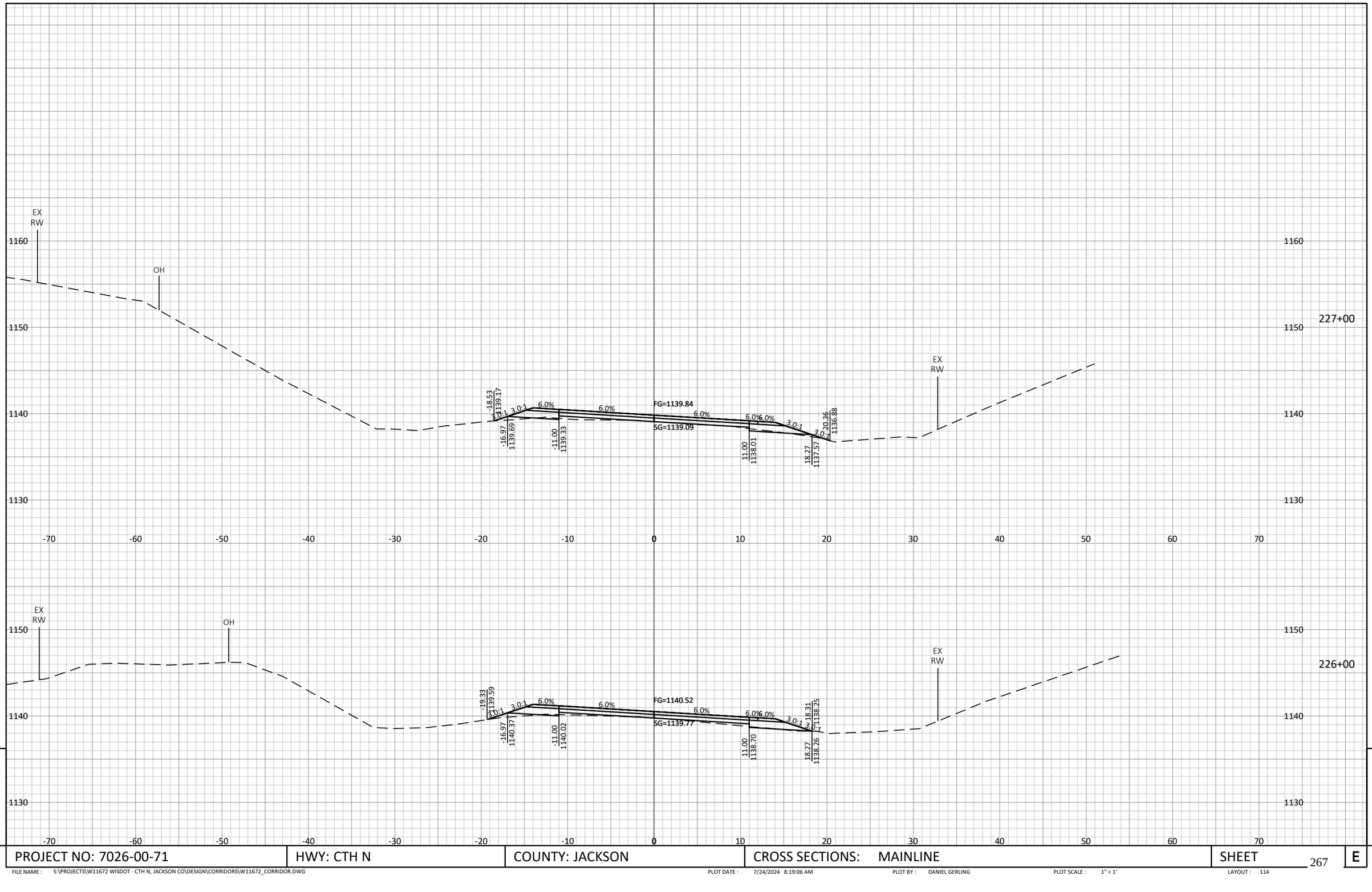
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 265	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:18:32 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 112



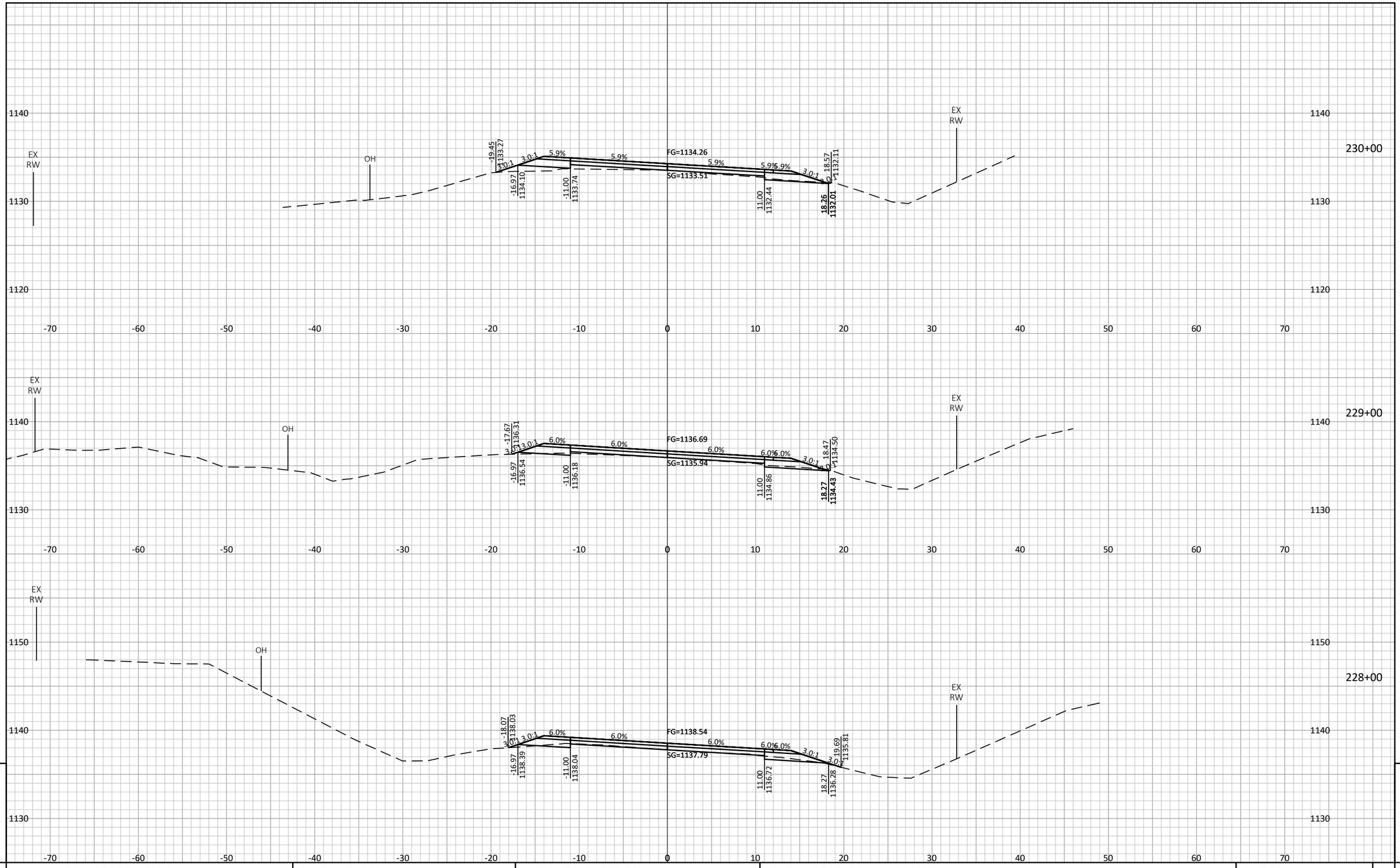
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:18:49 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 113



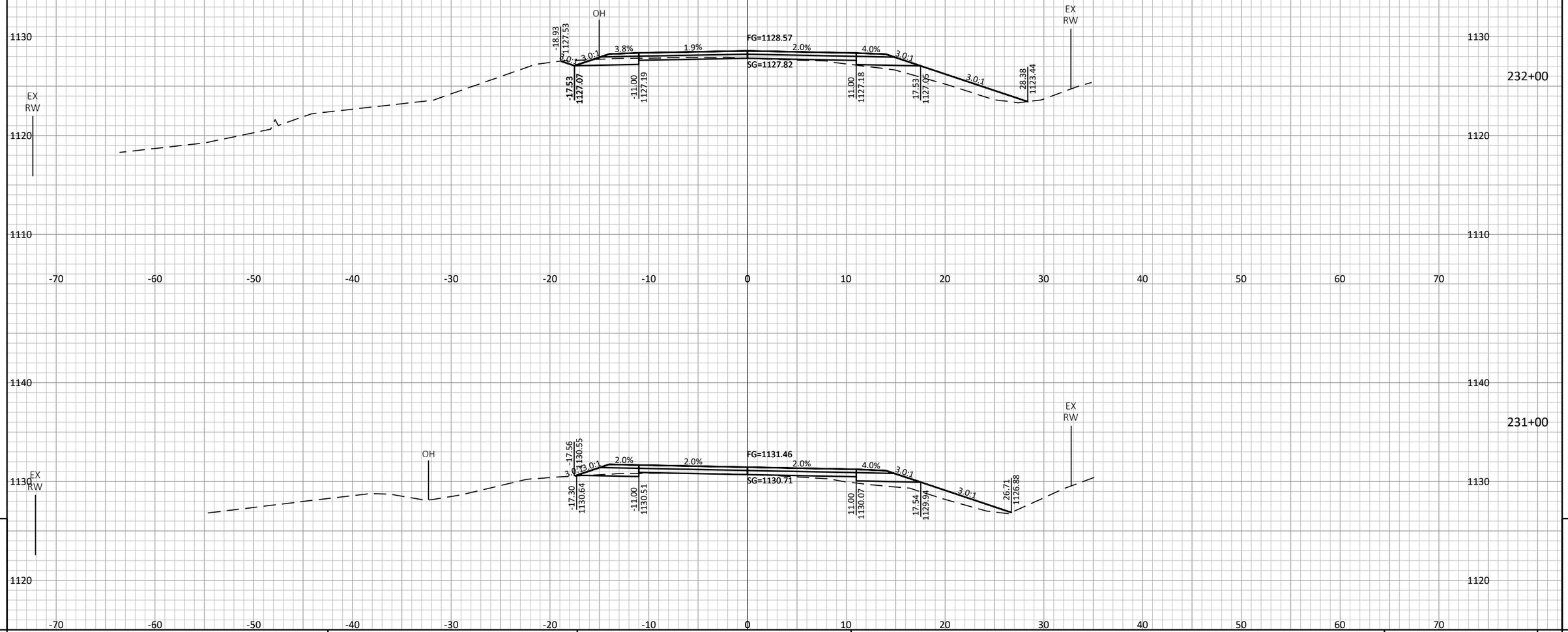
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:19:06 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 114



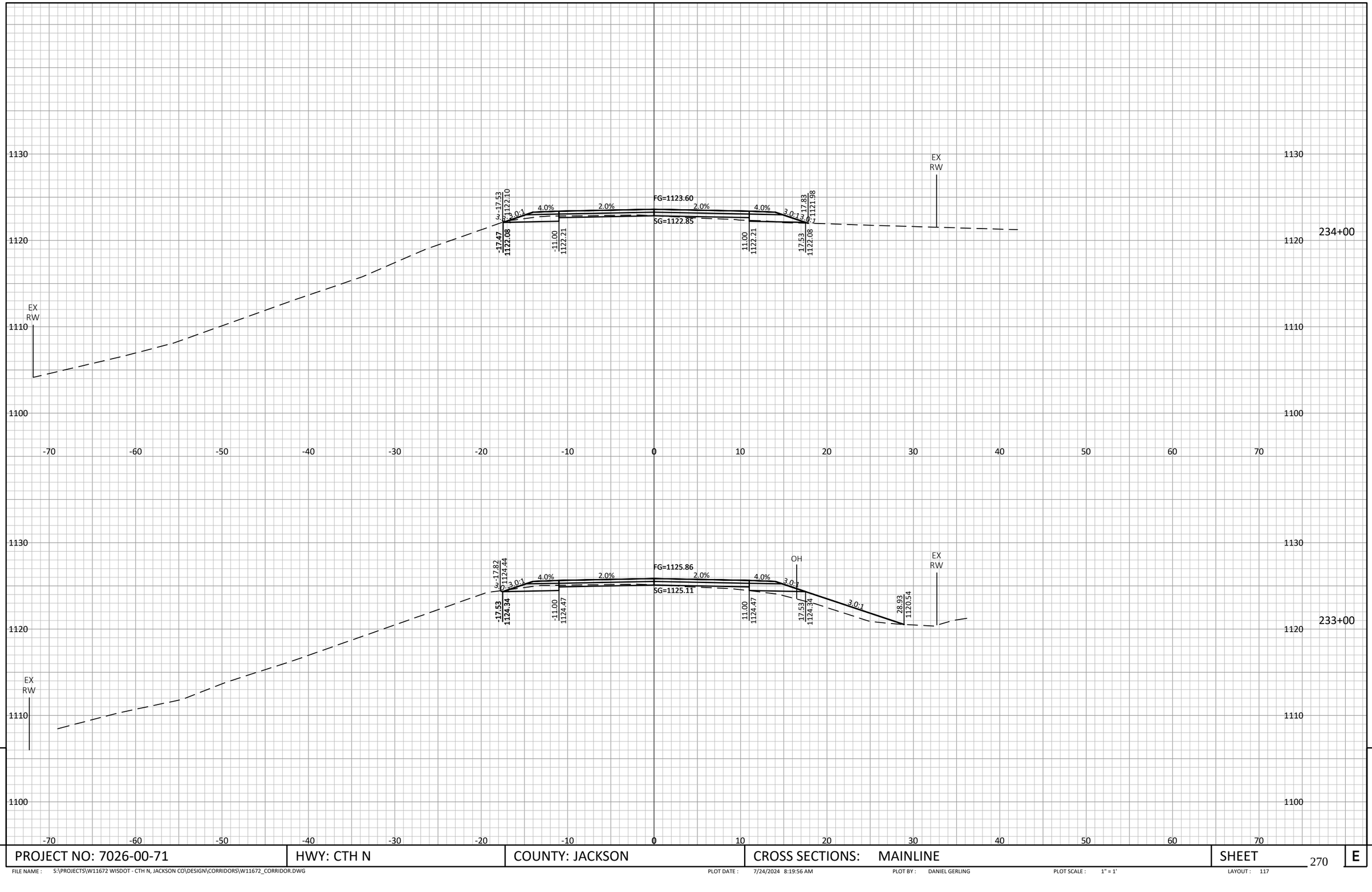
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 268 E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:19:22 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 115



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:19:39 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 116

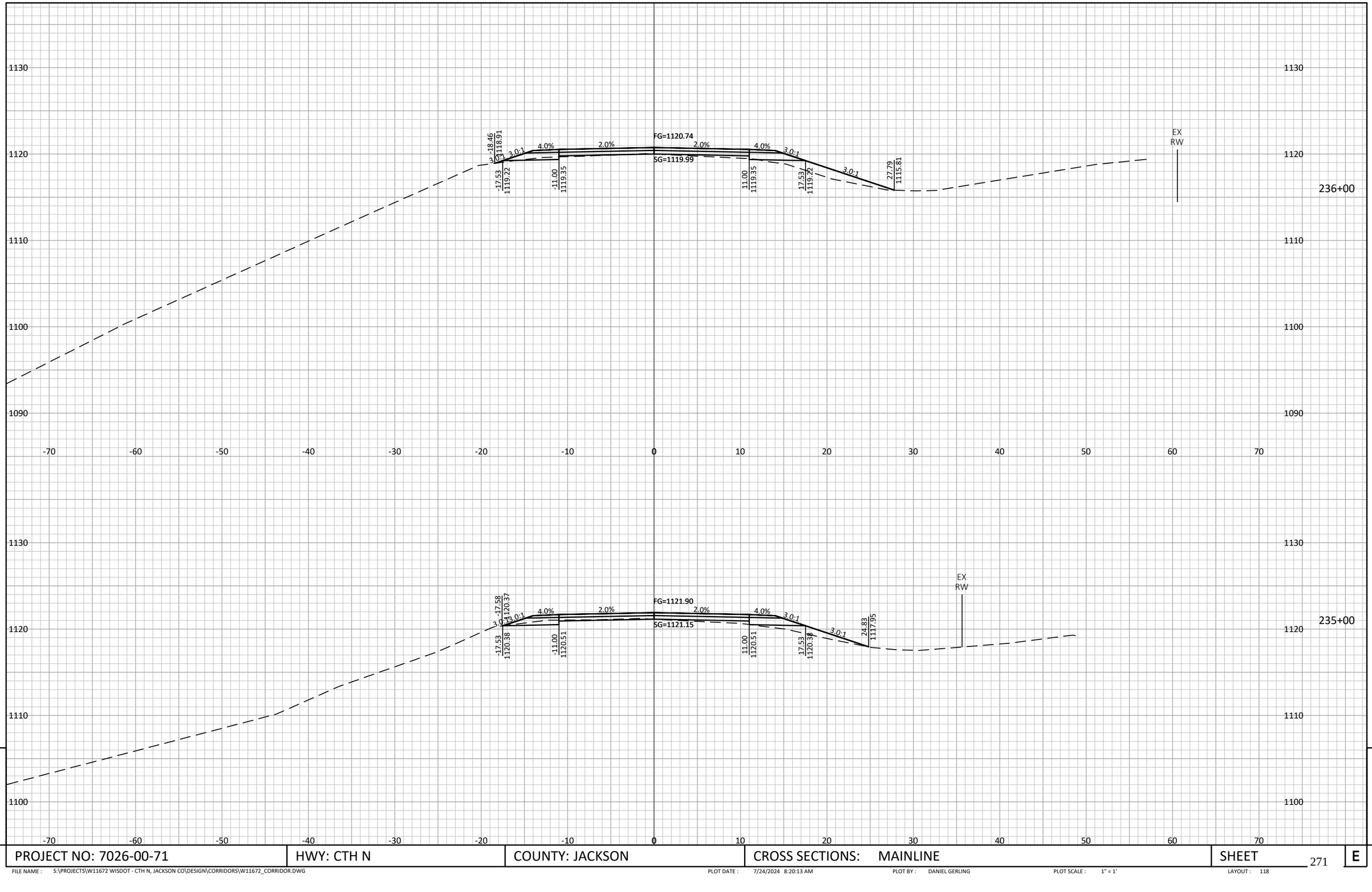


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 270	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:19:56 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 117

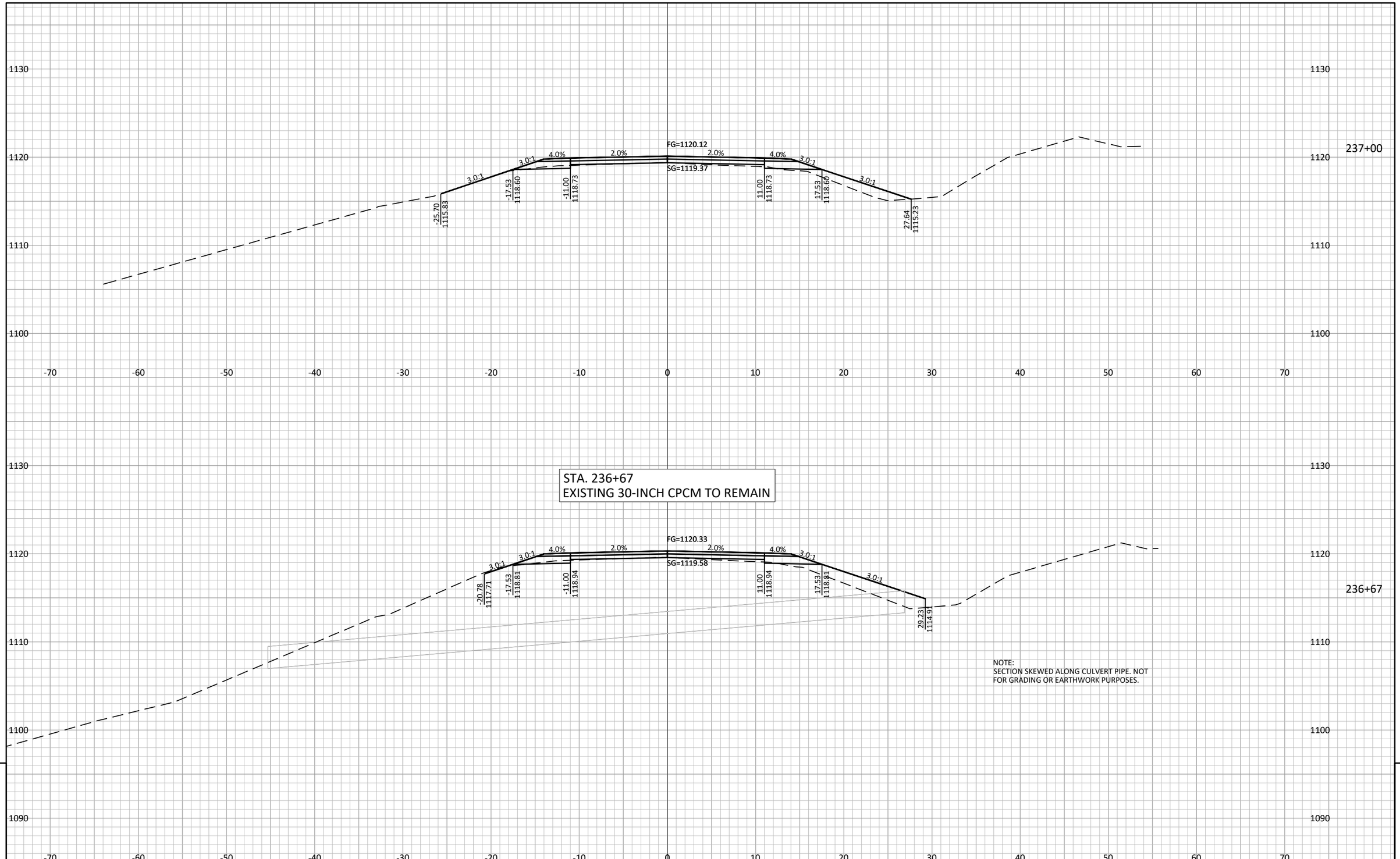


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 271	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:20:13 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 118

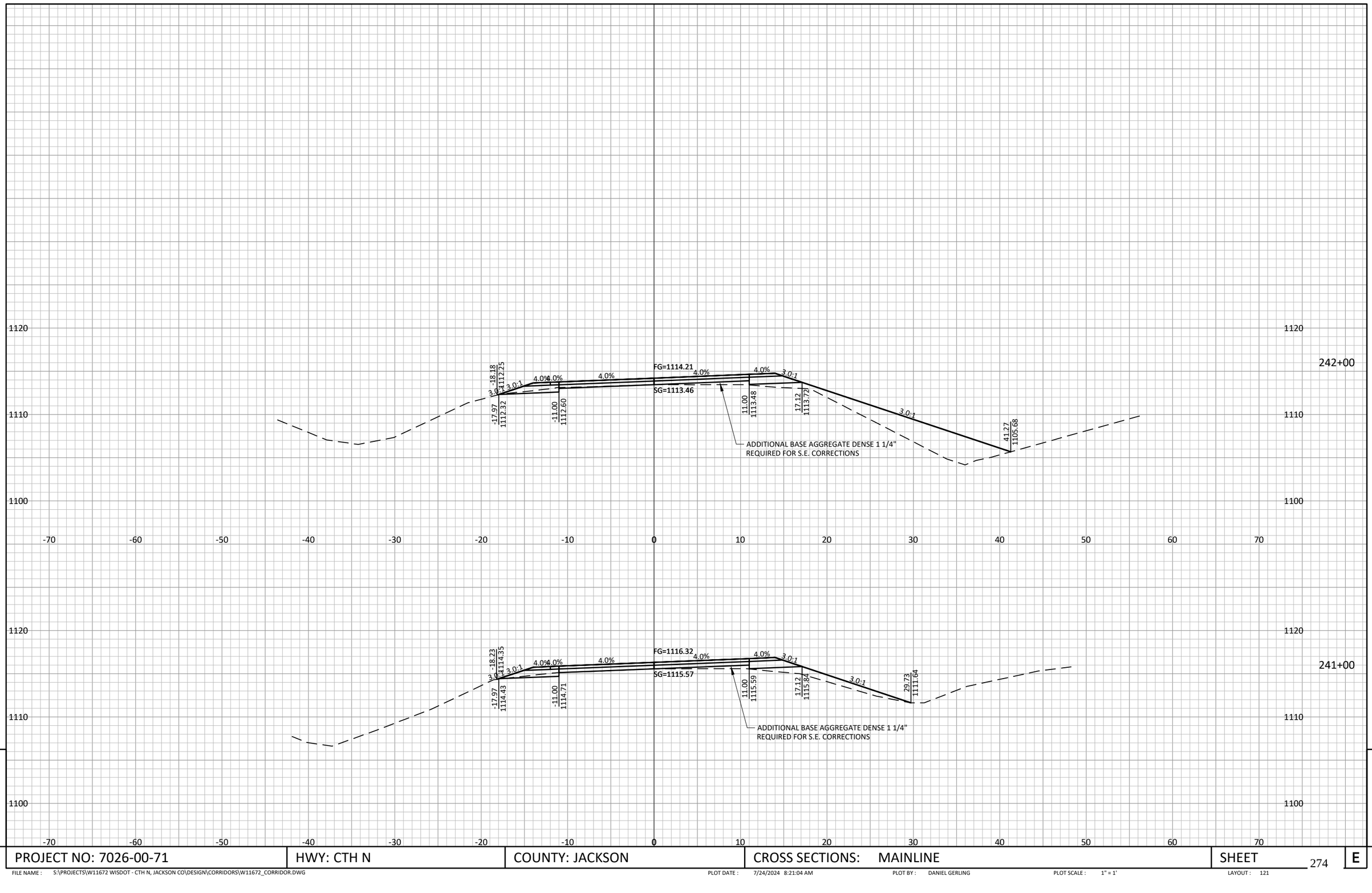


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 272	E

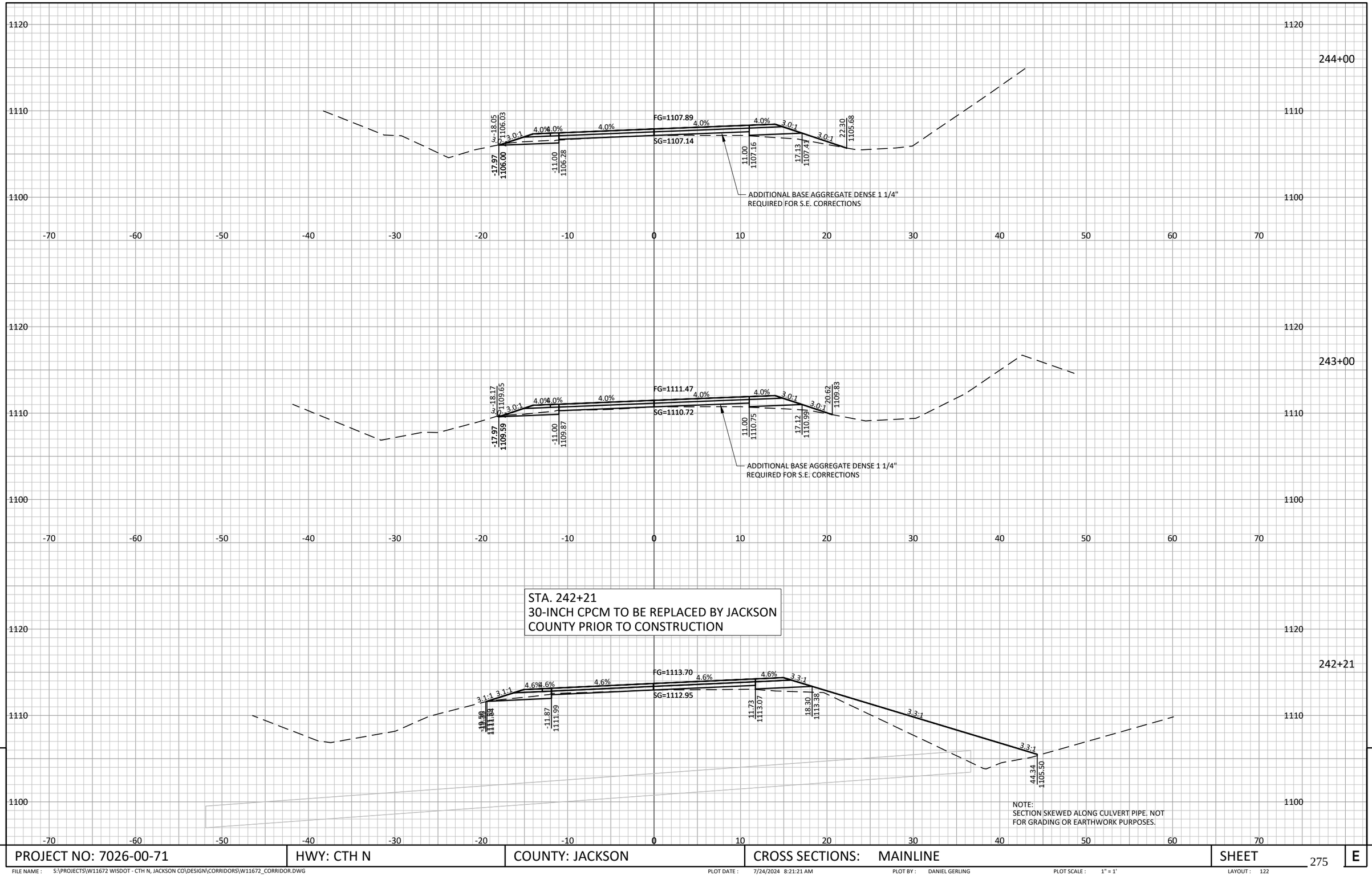
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 273 E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:20:47 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 120



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 274	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:21:04 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 121

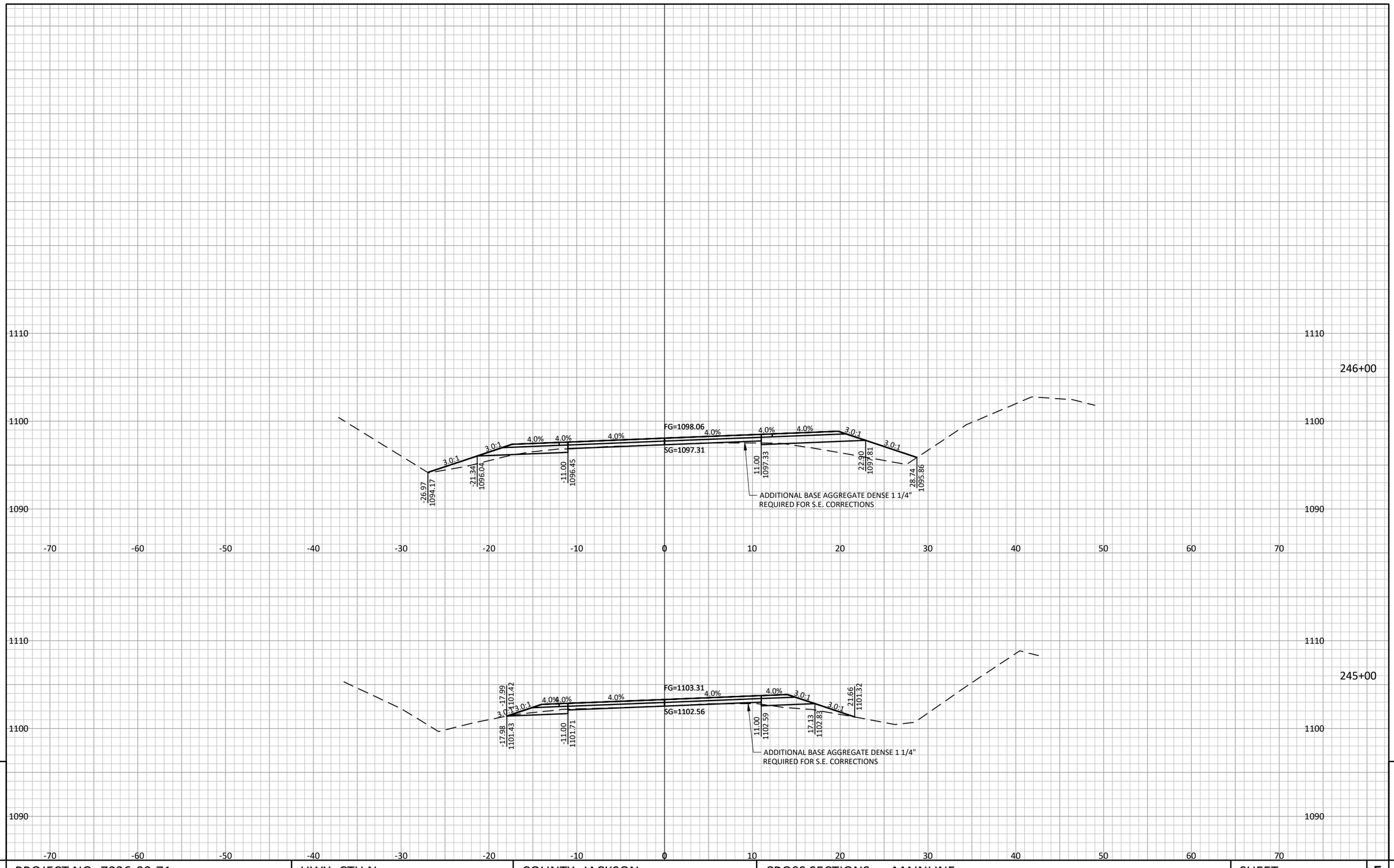


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 275	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:21:21 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 122

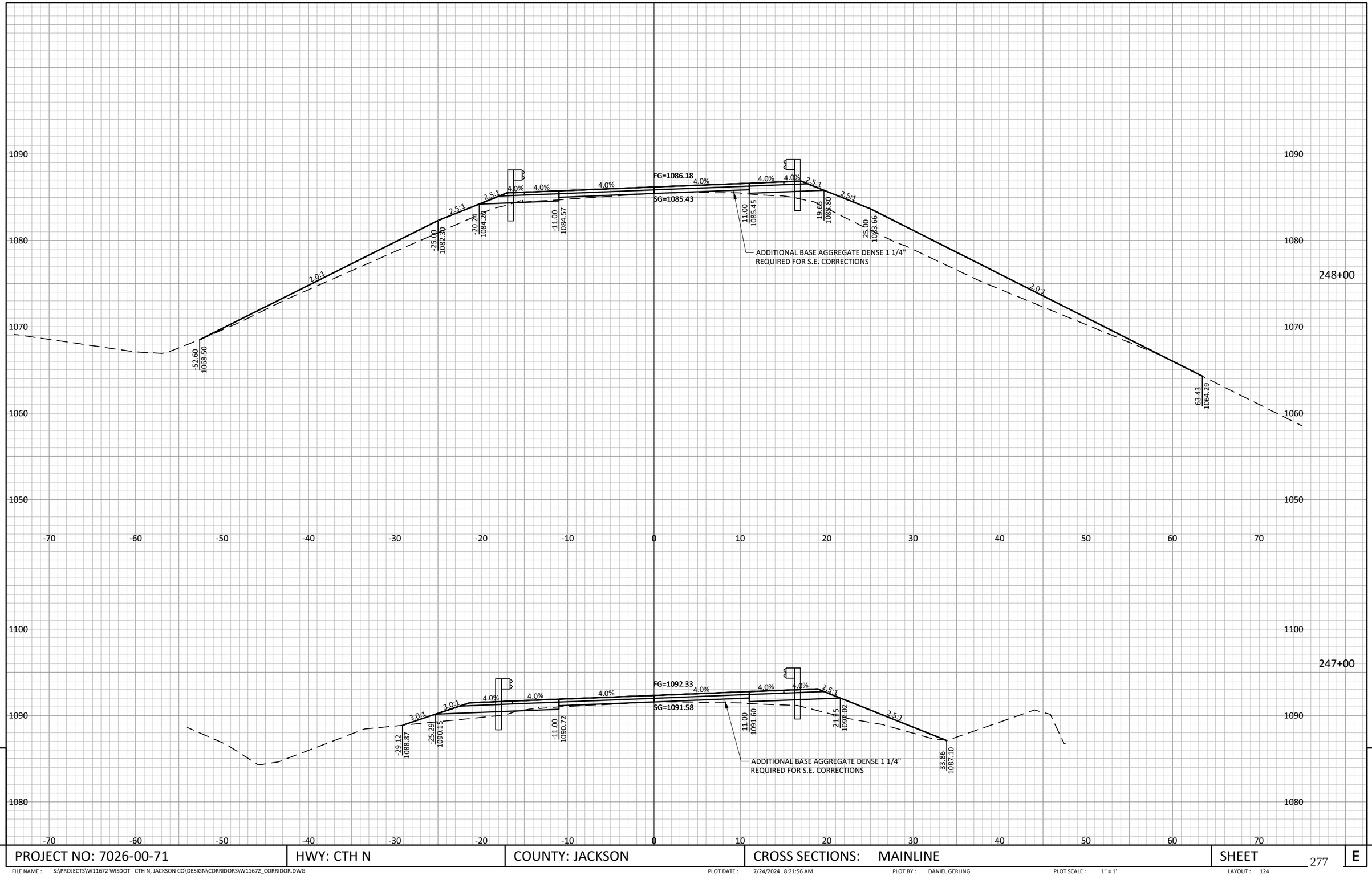


9

9

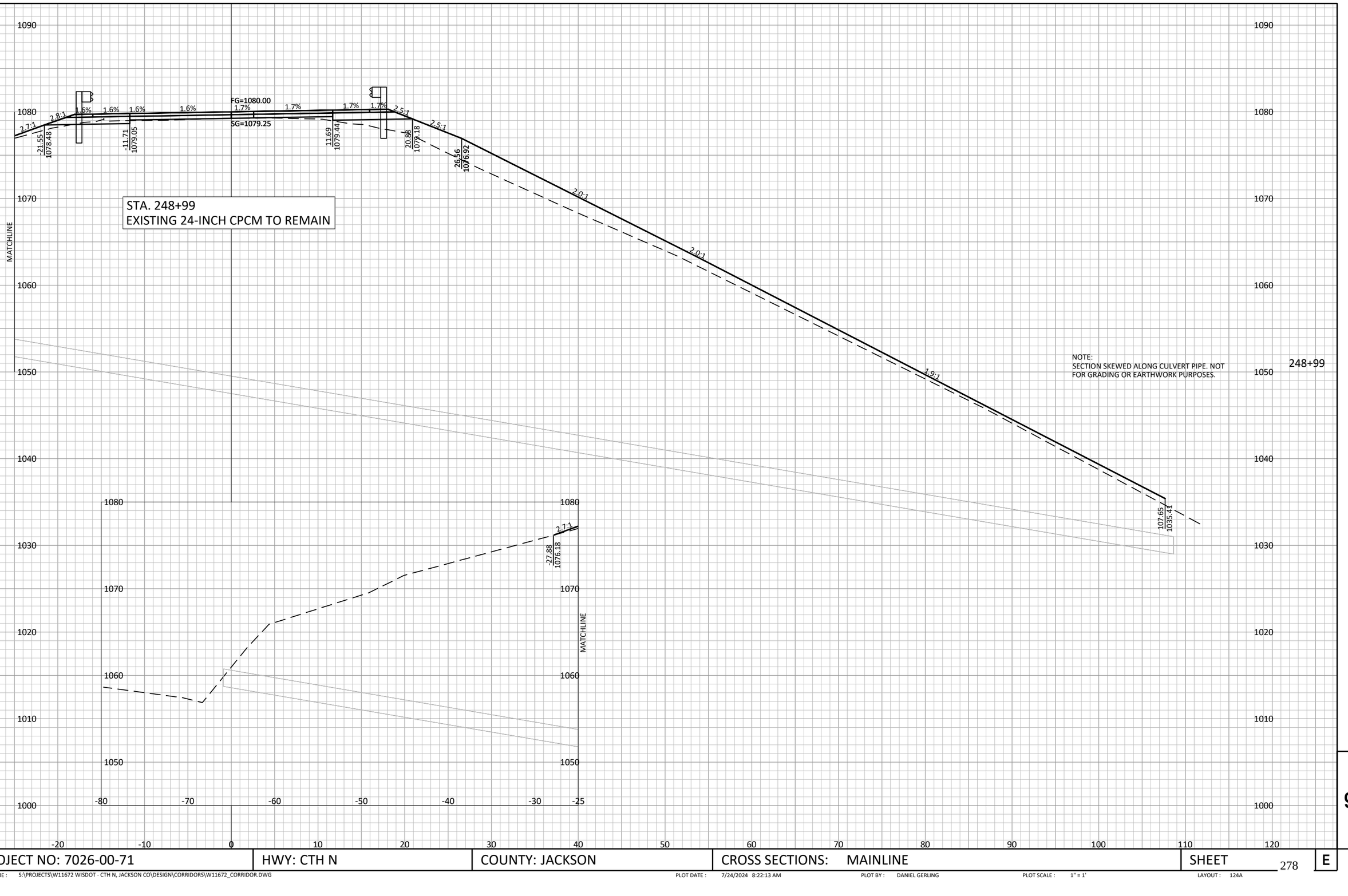
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 276	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:21:38 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 123



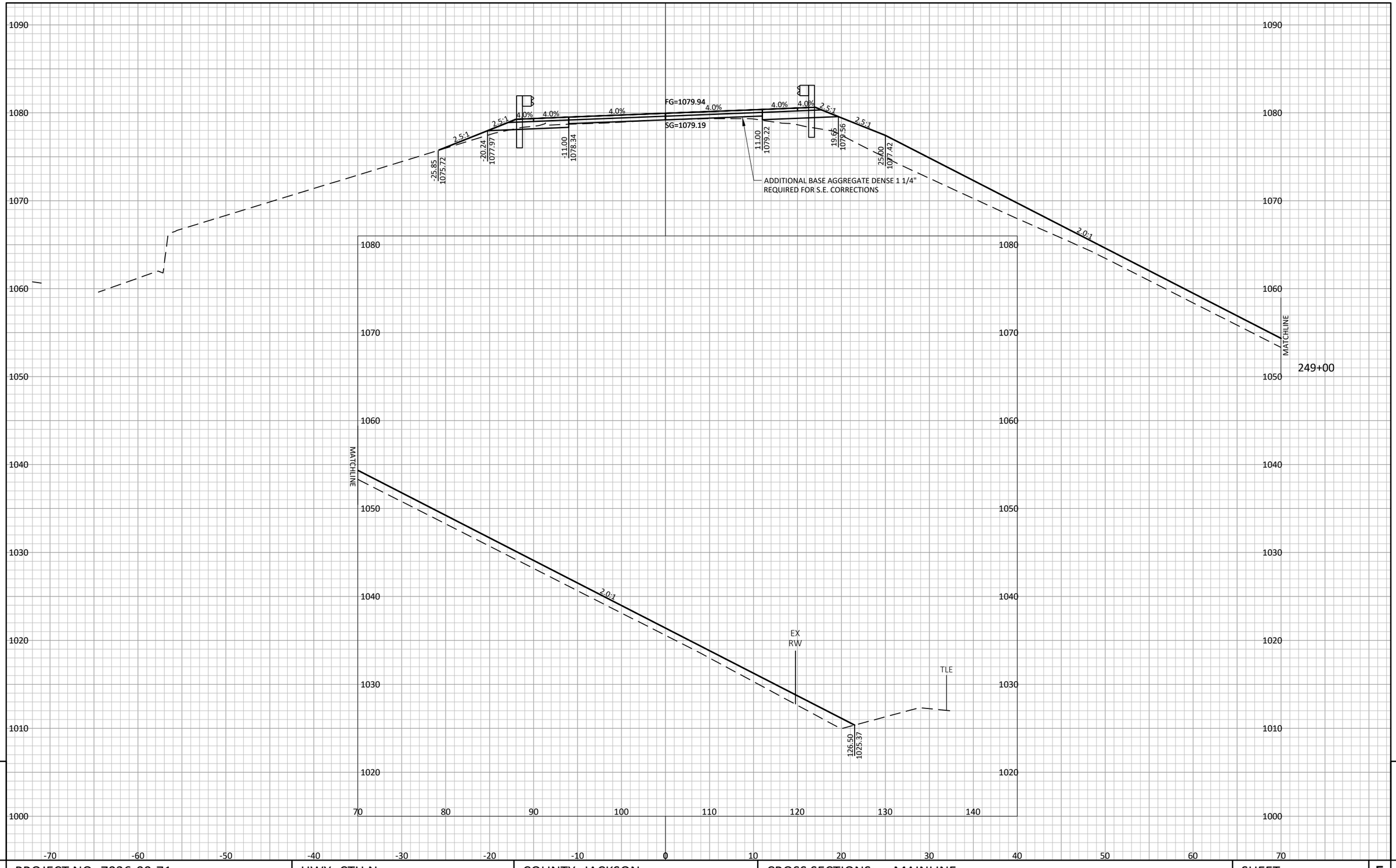
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 277	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:21:56 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 124



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 278	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:22:13 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 124A

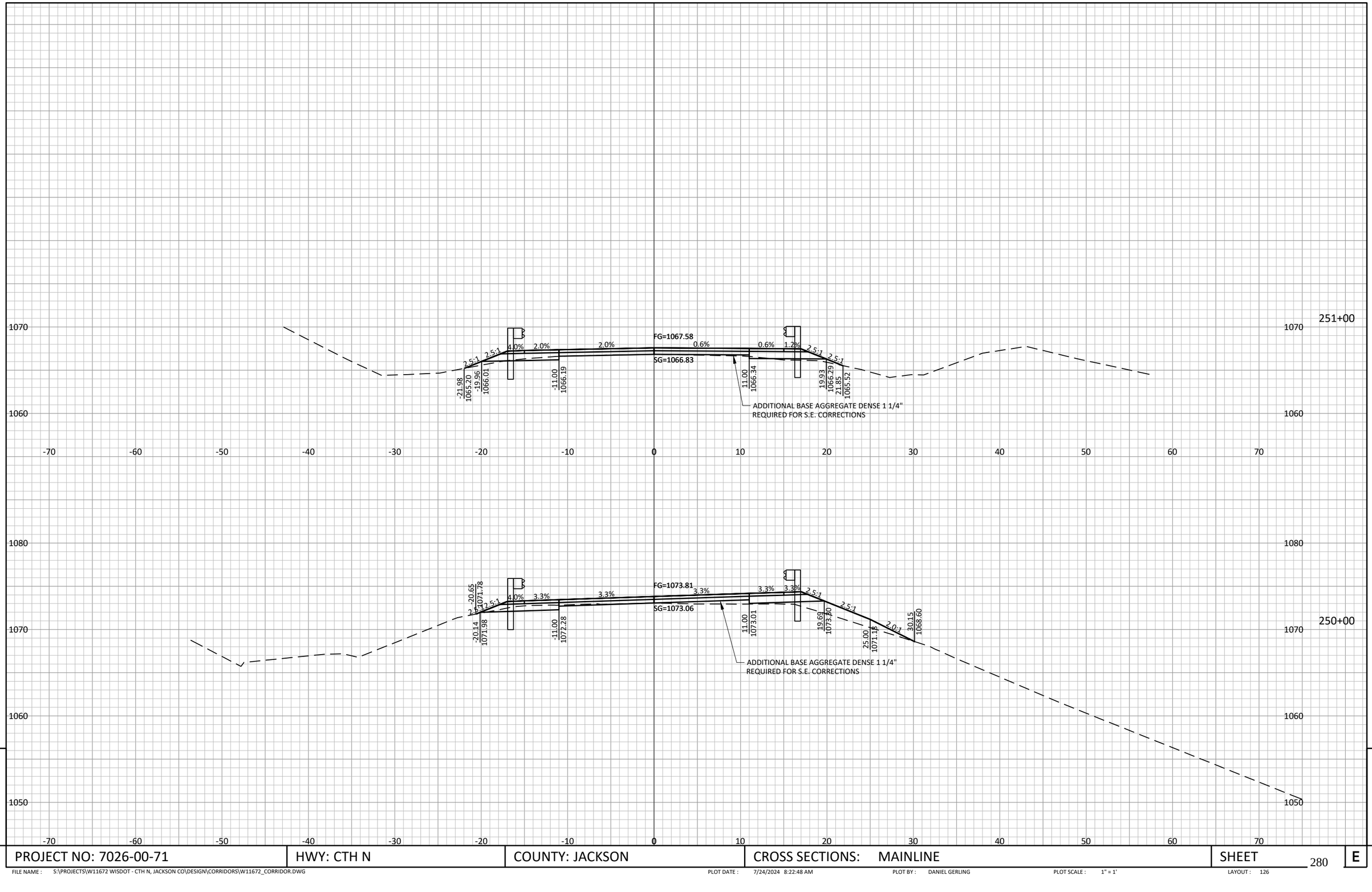


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:22:30 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 125

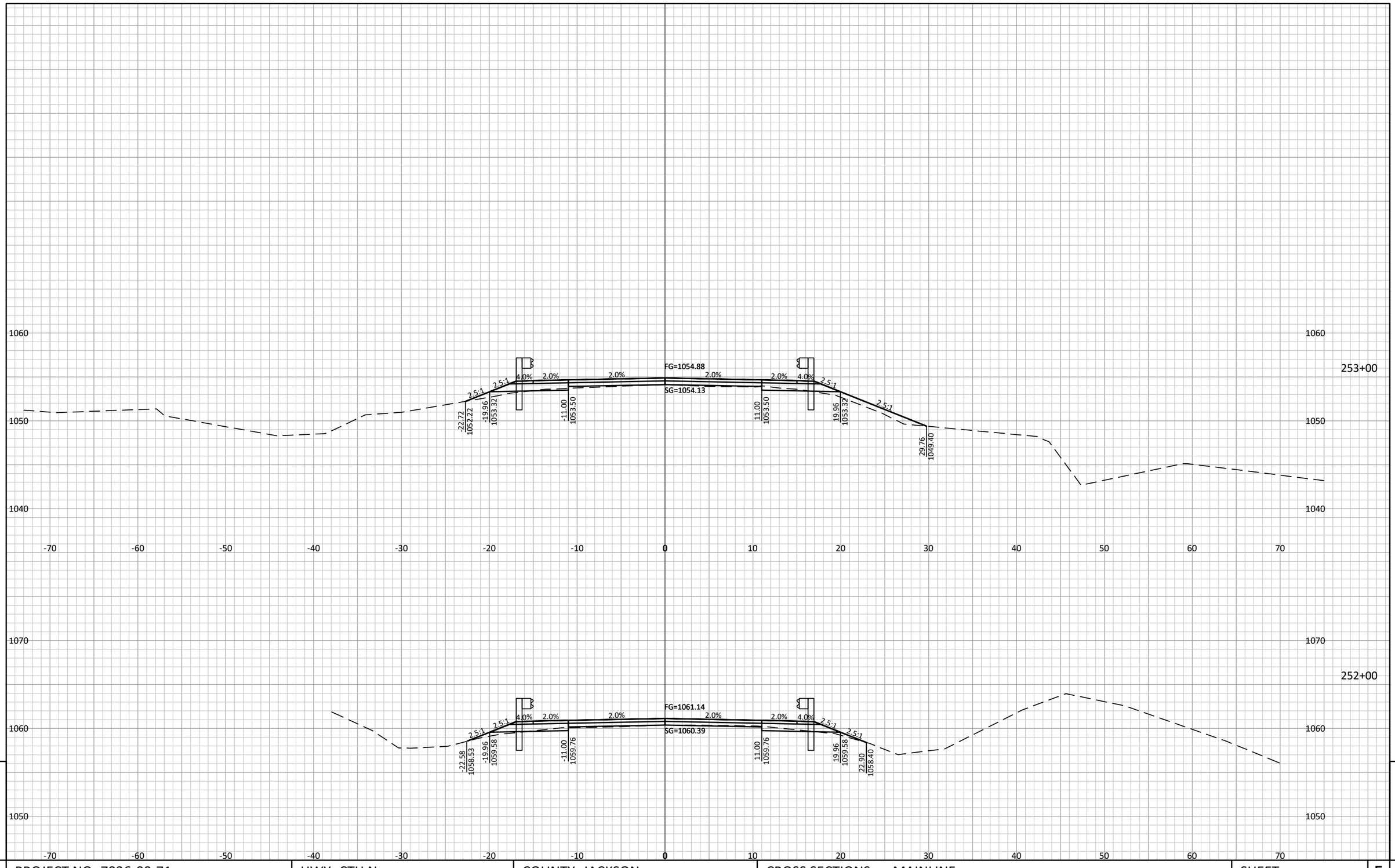


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 280	E

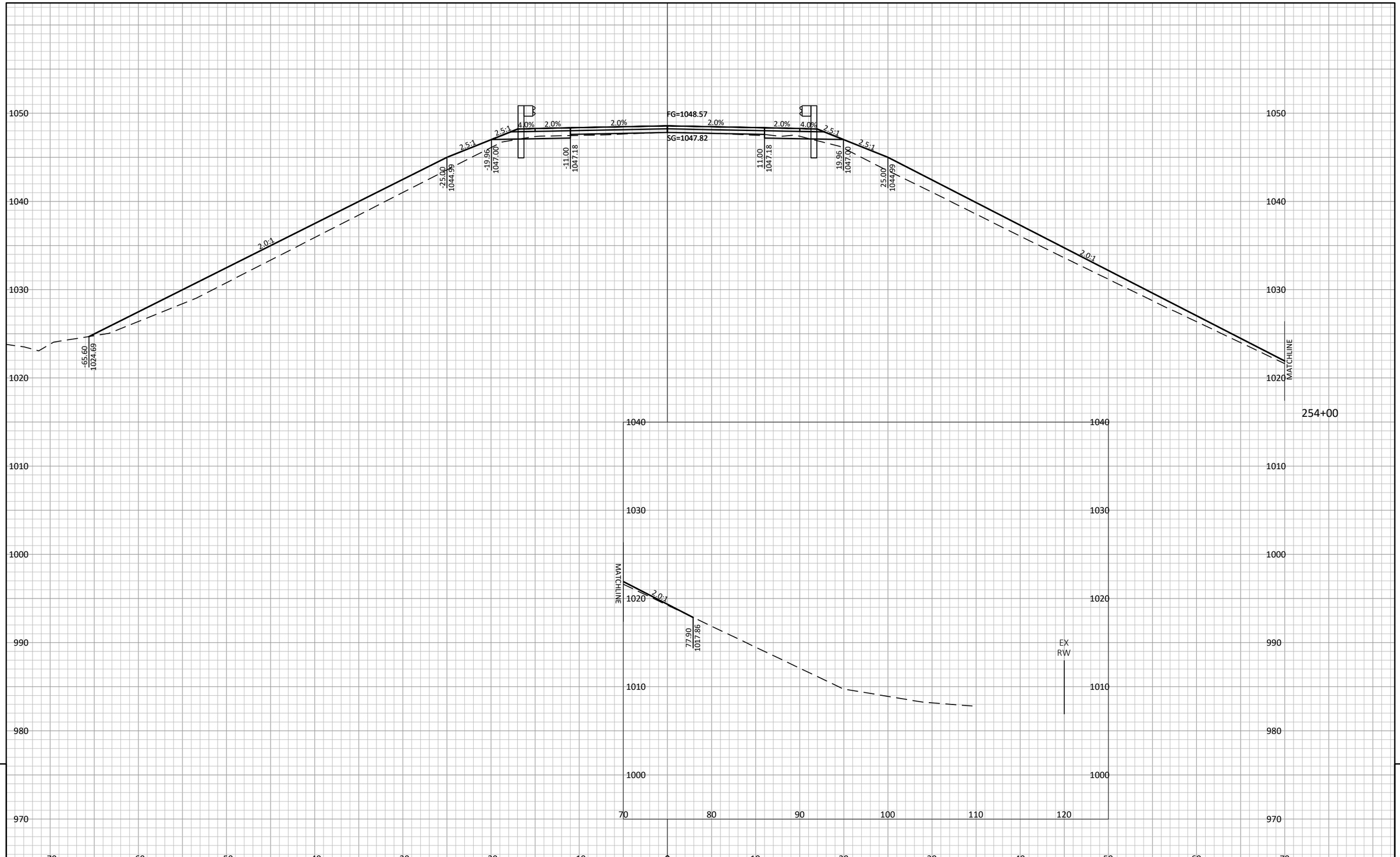
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:22:48 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 126

9



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 281	E

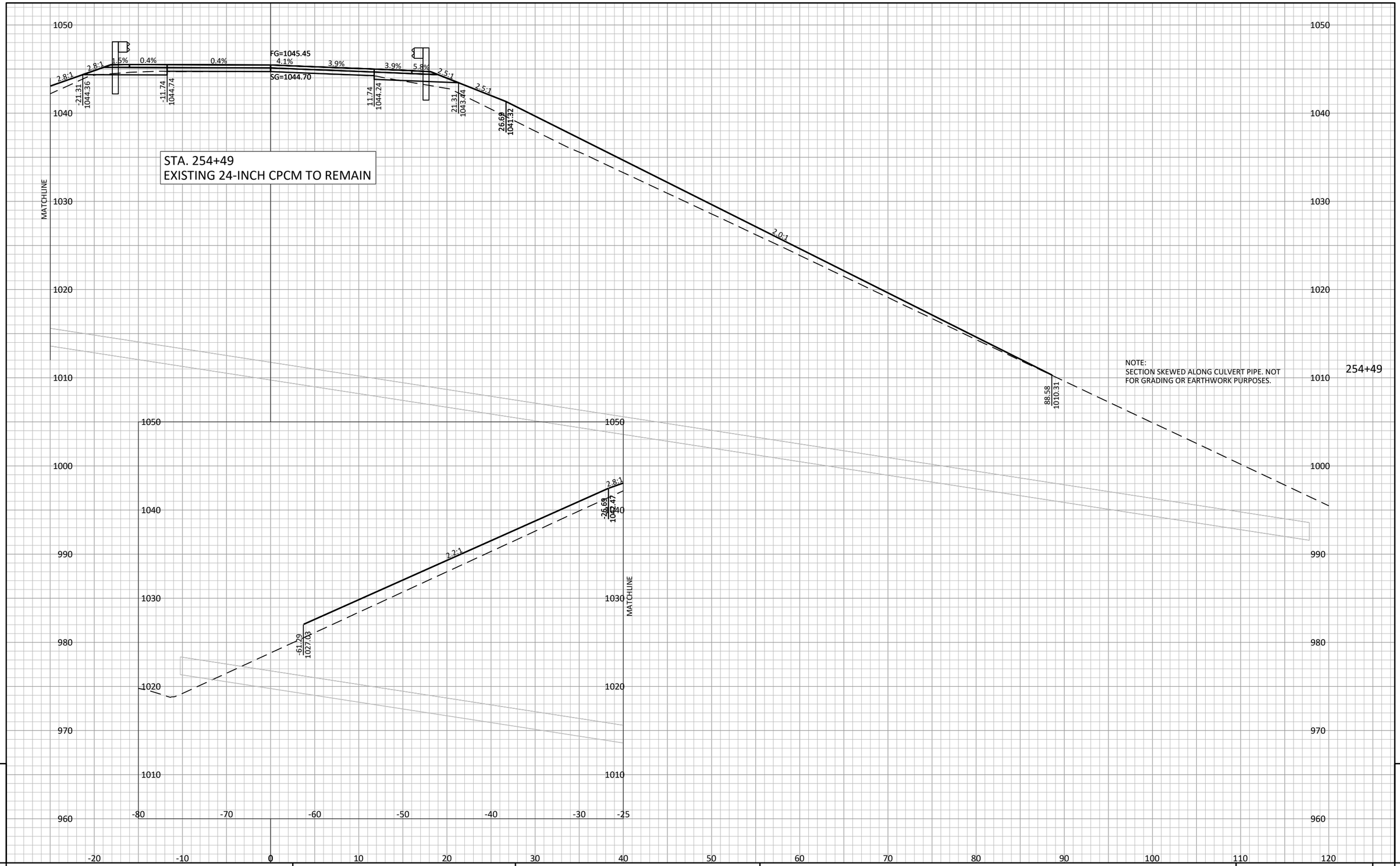
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:23:06 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 127



9	PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 282 E

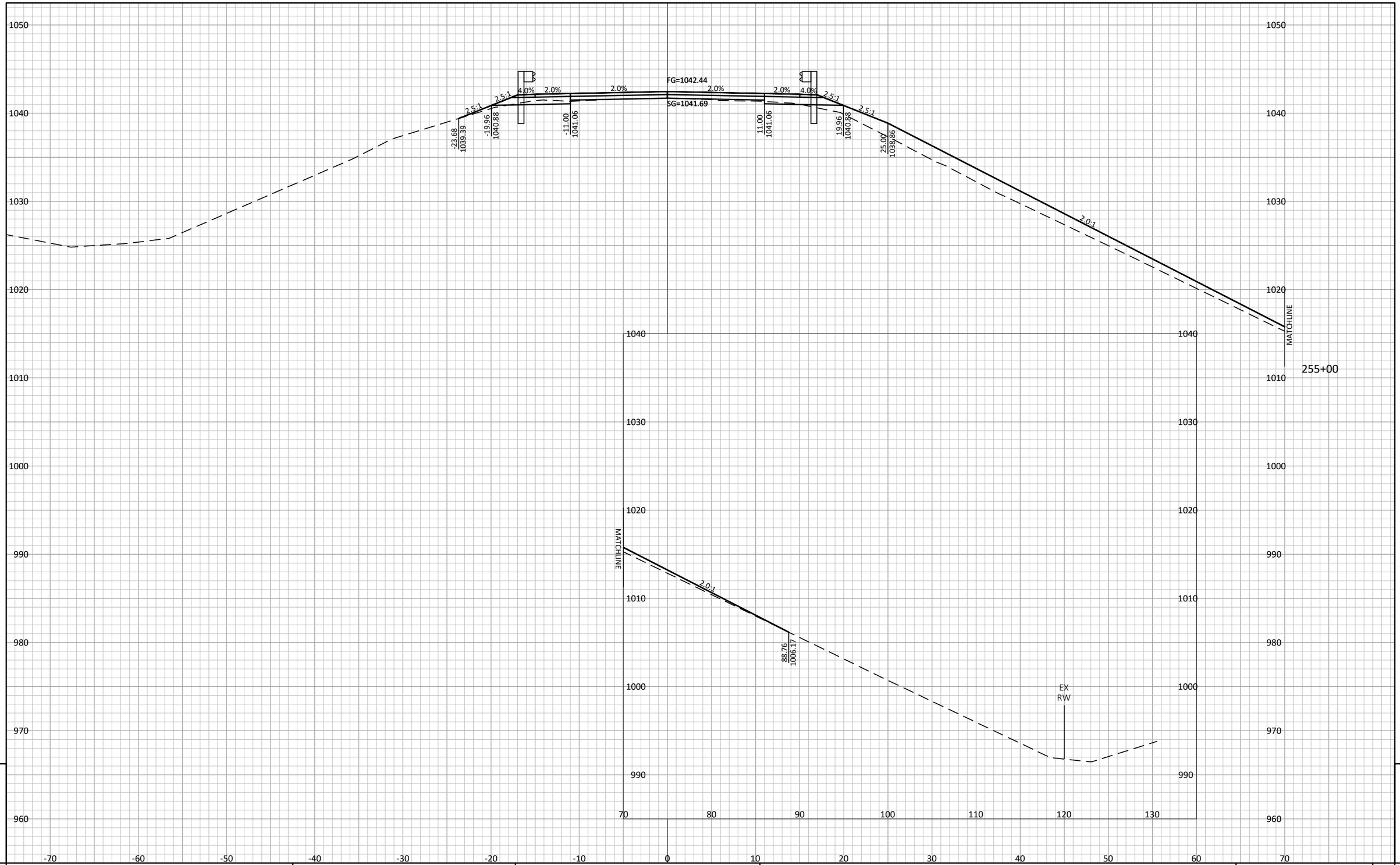
9

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:23:22 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 128



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:23:39 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 128A

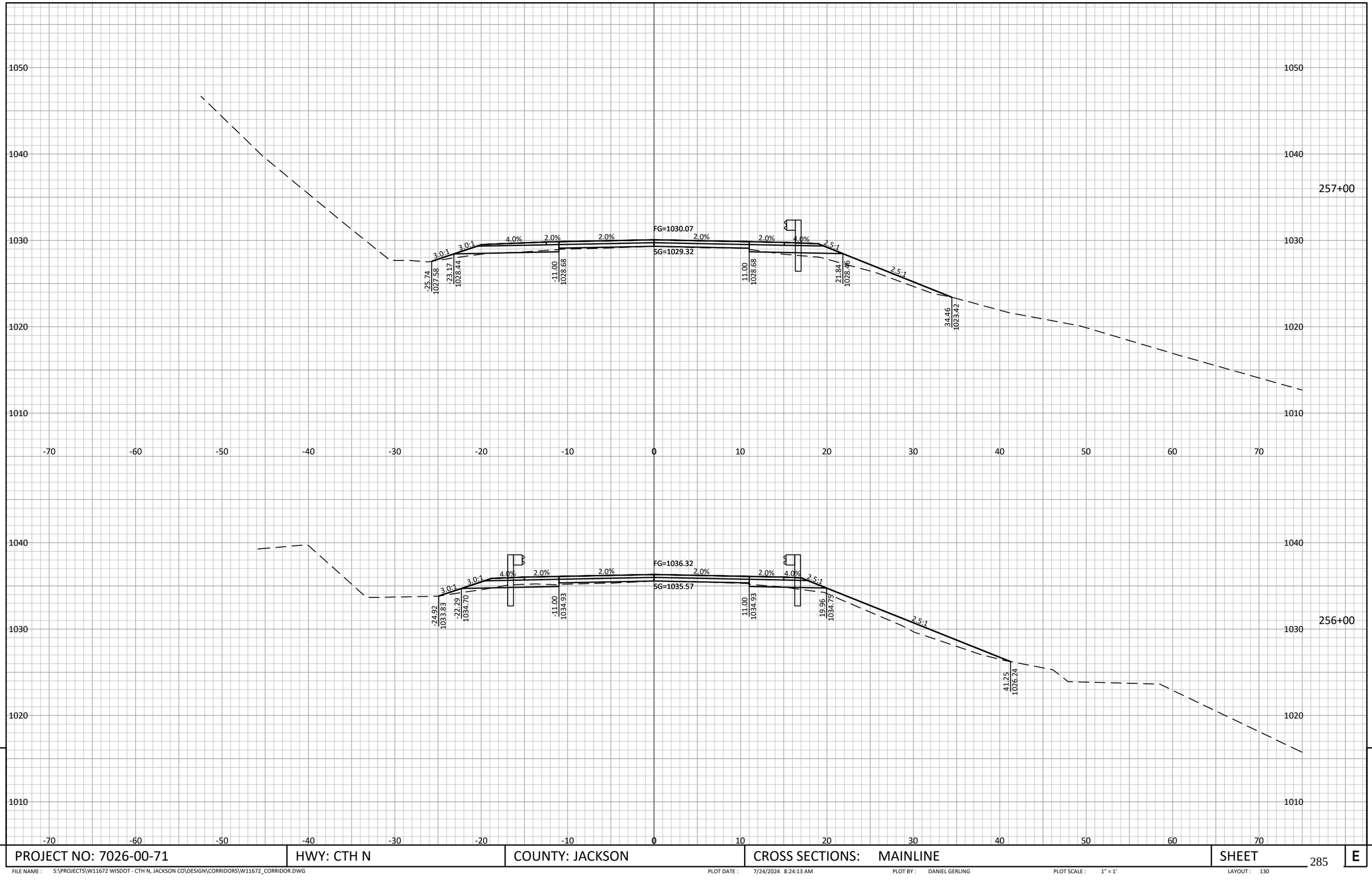


9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 284	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:23:56 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 129

9

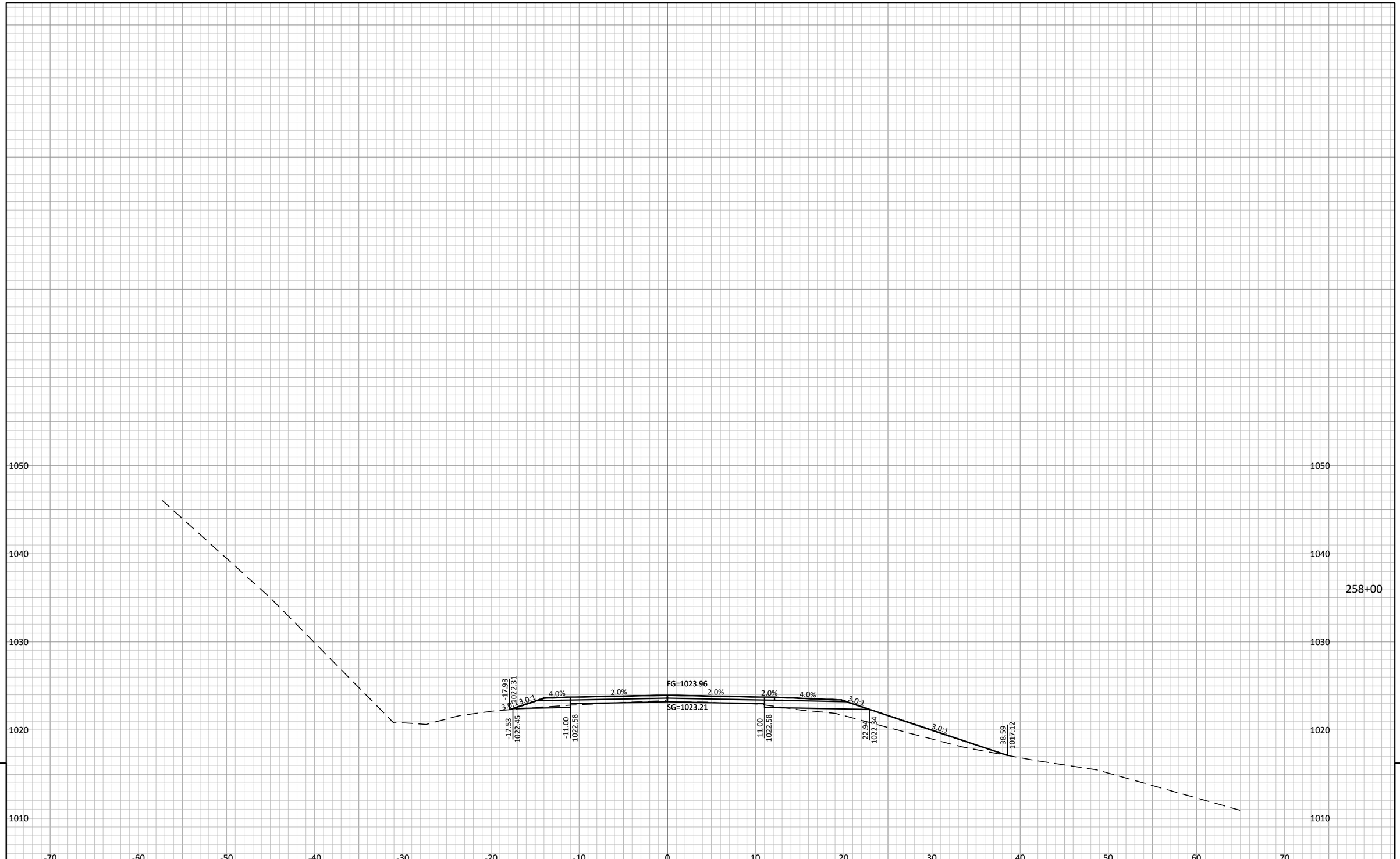


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 285	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:24:13 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 130

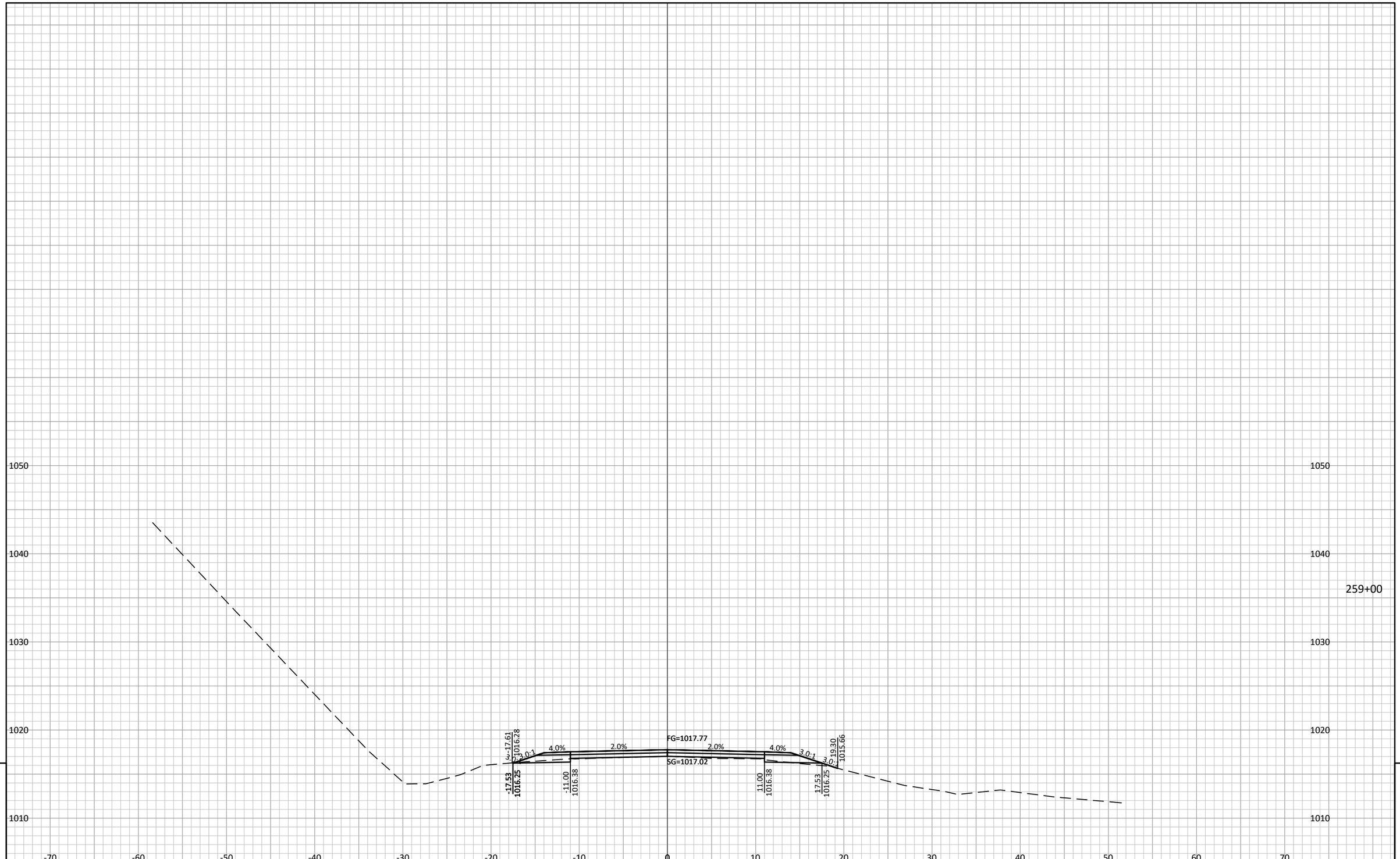


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 286	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:24:30 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 131

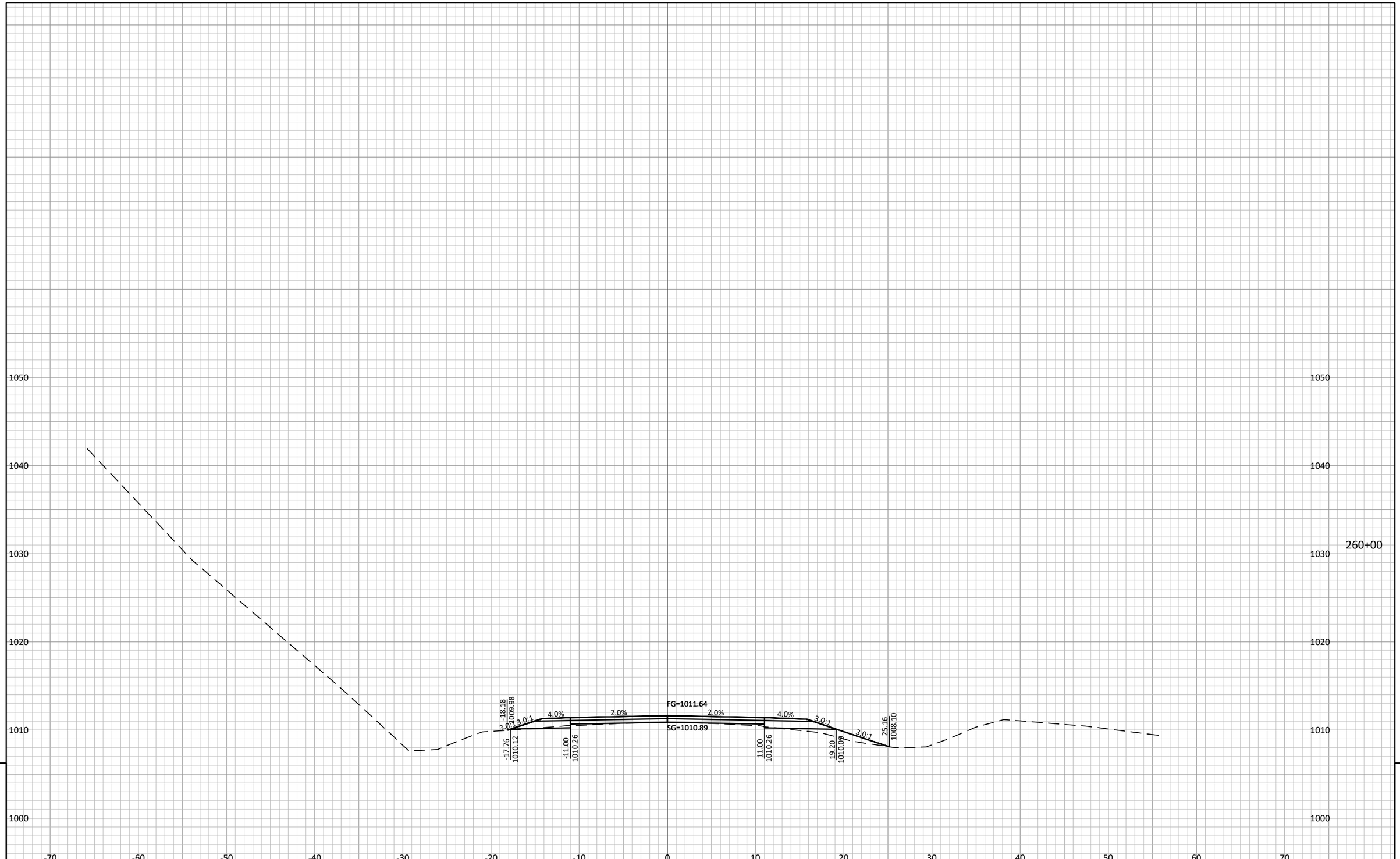


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 287	E

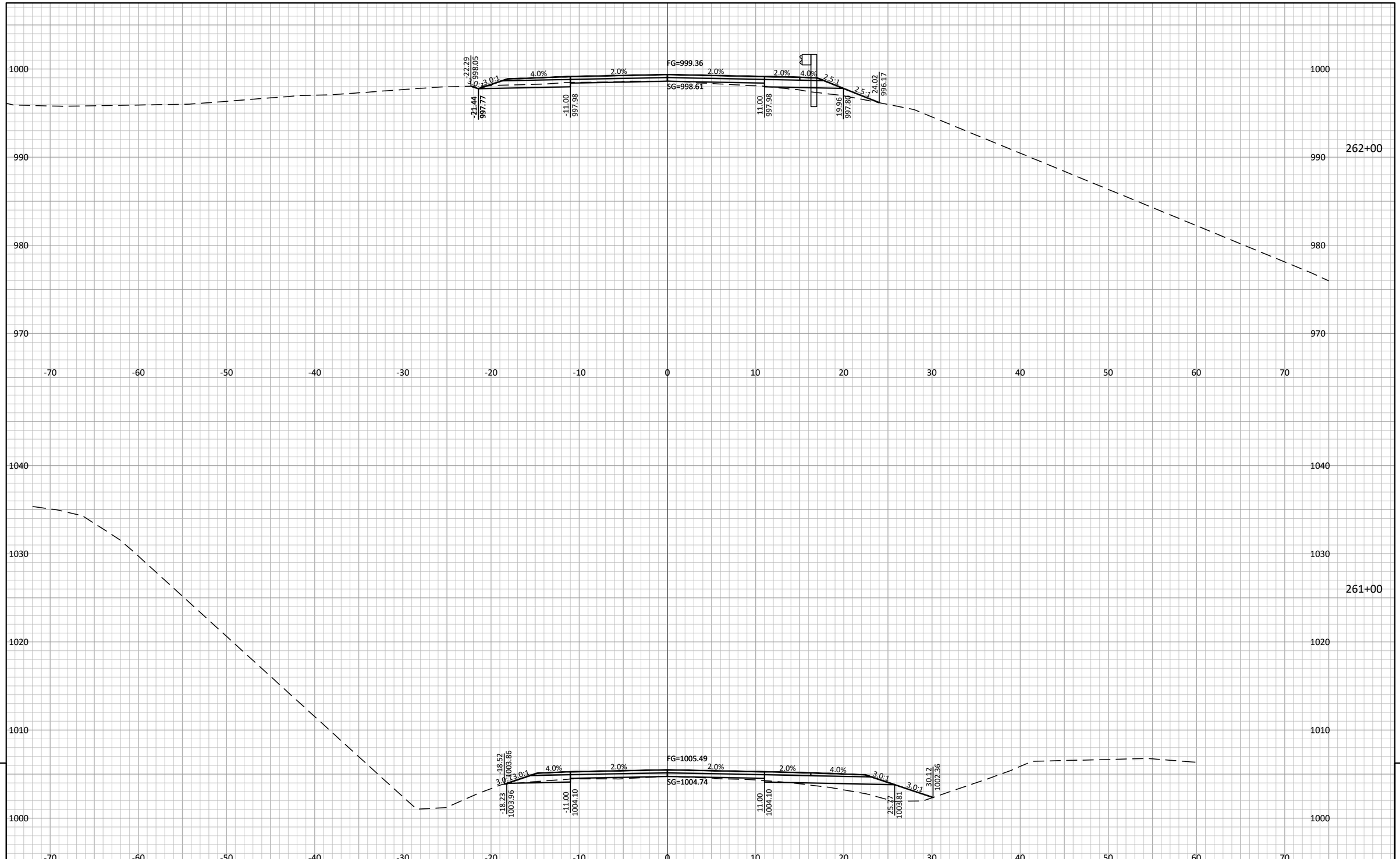
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:24:46 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 132



9

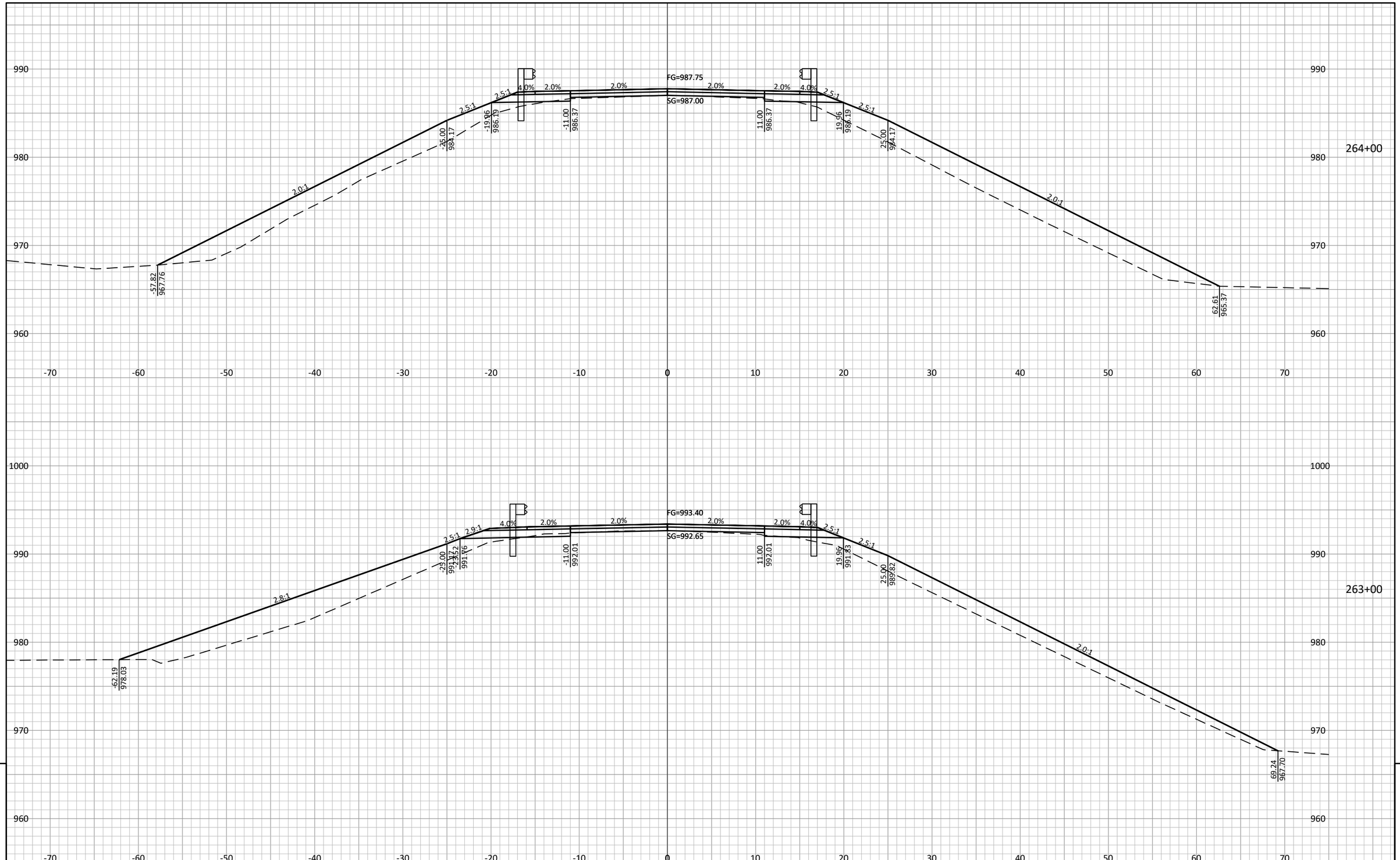
9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 288	E



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 289	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:25:20 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 134



9

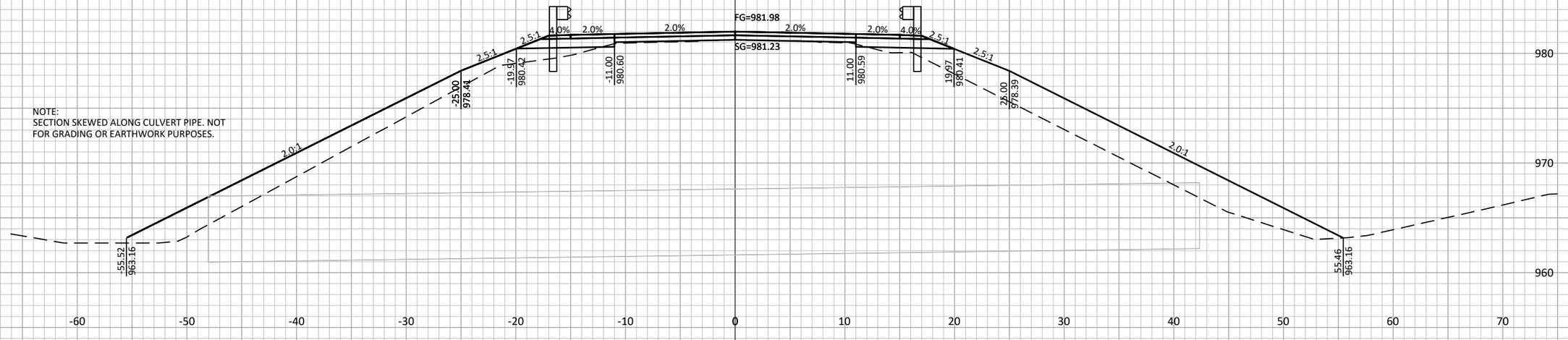
9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 290	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:25:37 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 135

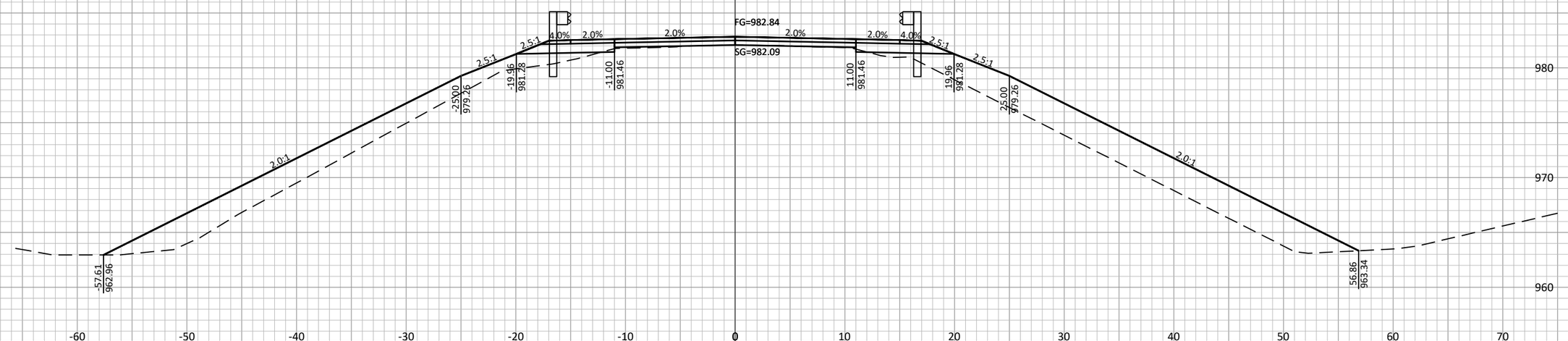
STA. 265+20
72-INCH CPCM TO BE REPLACED BY JACKSON COUNTY PRIOR TO CONSTRUCTION

NOTE:
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING OR EARTHWORK PURPOSES.



265+20

265+00

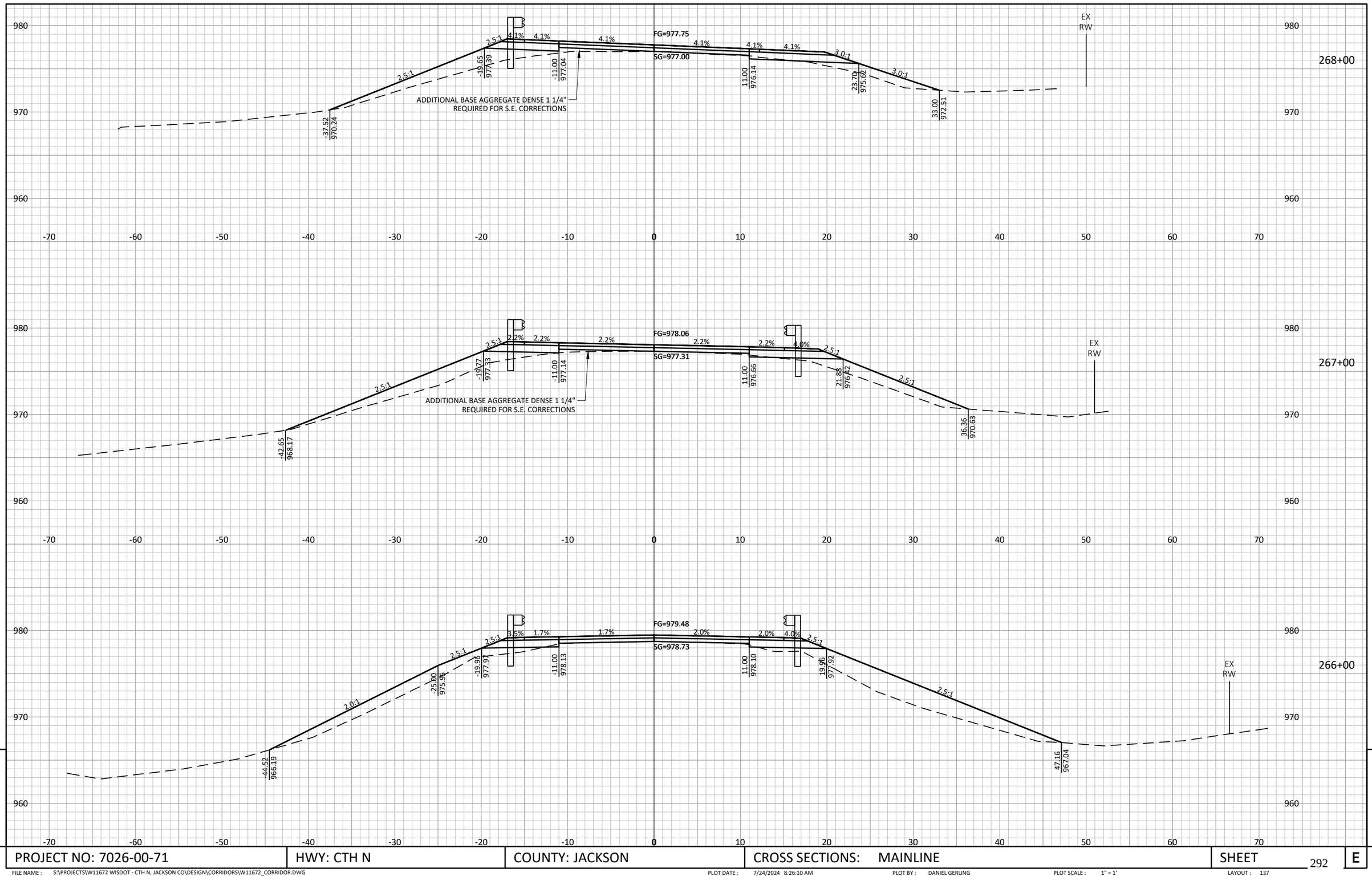


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:25:53 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 136

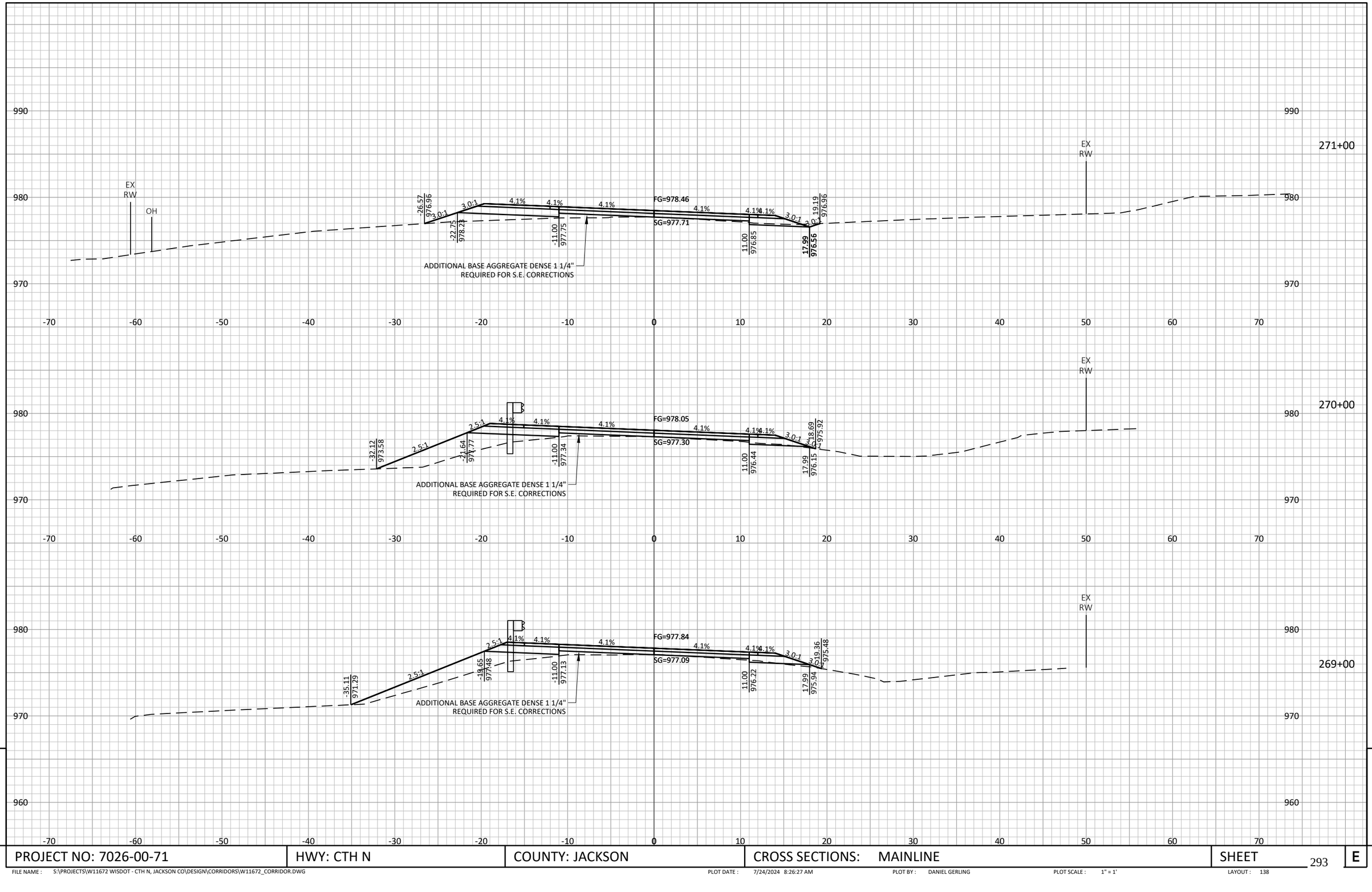


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:26:10 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 137

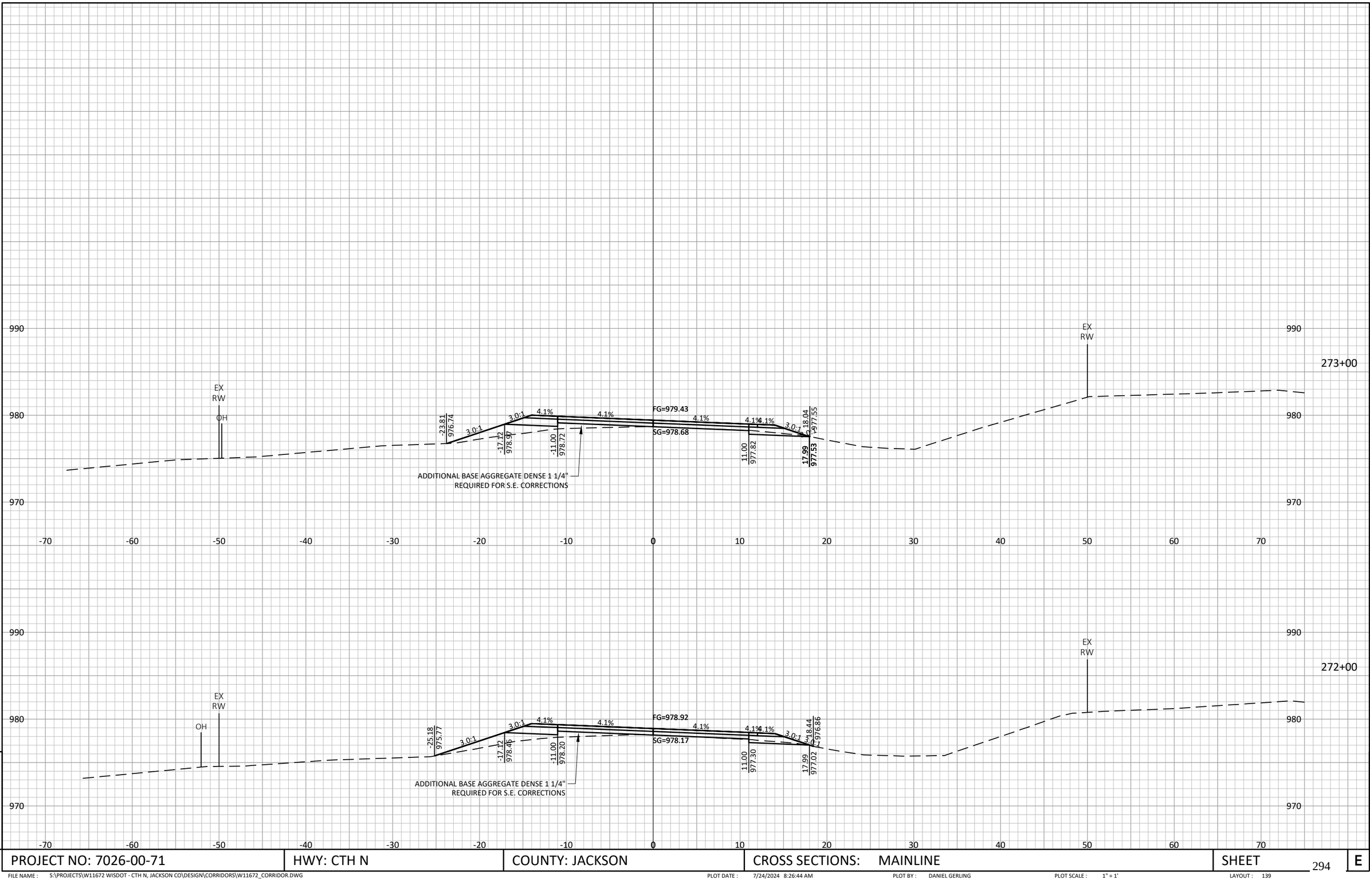


9

9

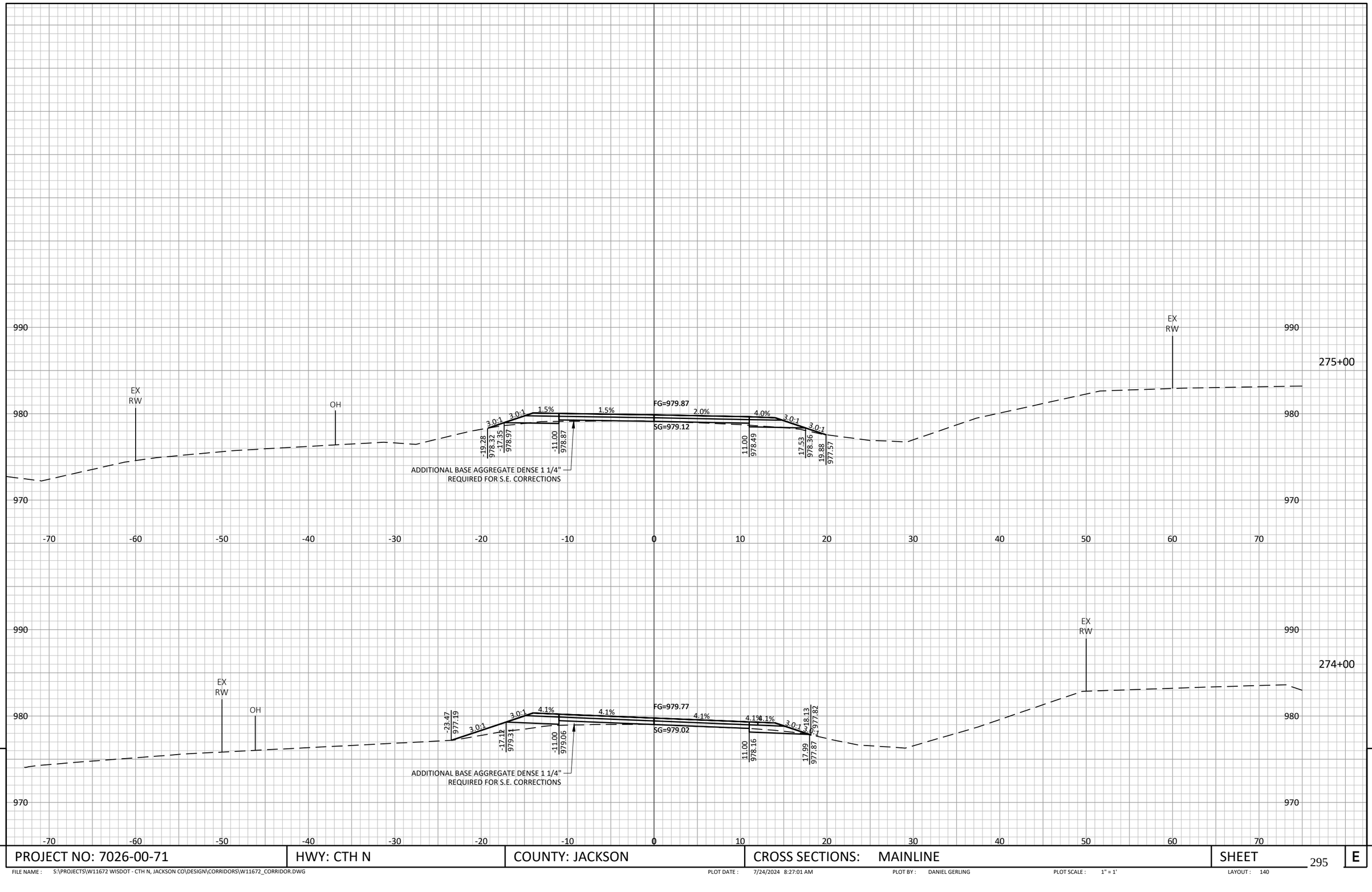
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 293	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:26:27 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 138



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 294	E

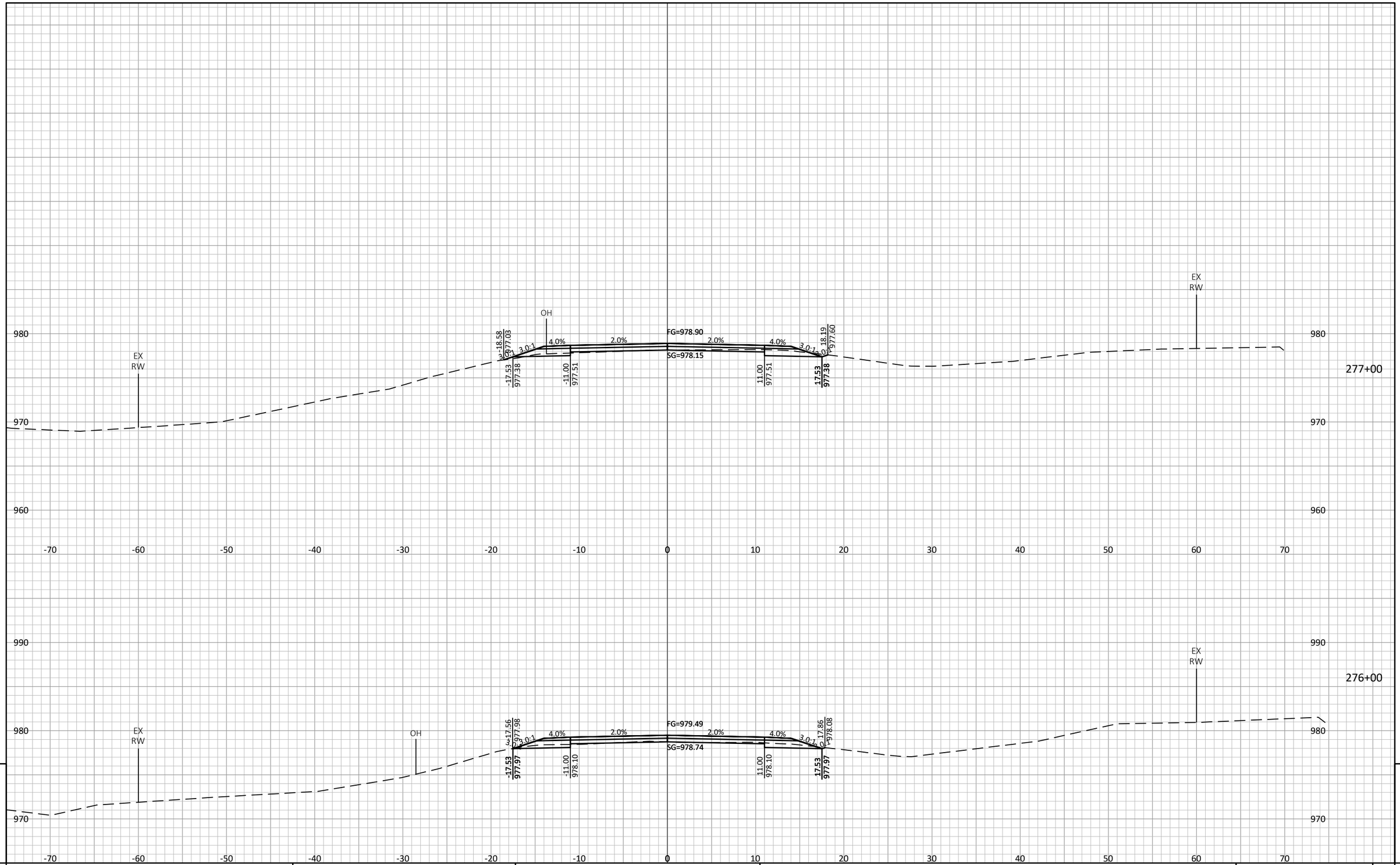
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:26:44 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 139



9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:27:01 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 140



9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET 296	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:27:18 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 141

9

END PROJECT 7026-00-71
STA. 278+15
MATCH EXISTING

DELINEATED WETLANDS

EX RW

OH

EX RW

278+15

980
970
960

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

DELINEATED WETLANDS

EX RW

OH

EX RW

278+00

FG=978.32
SG=977.57

4.0% 2.0% 2.0% 4.0%

3.0:1 3.0:1

-17.58 976.81
-17.53 976.80
-11.00 976.93
11.00 976.93
17.53 976.80
18.26 977.04

980
970
960

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

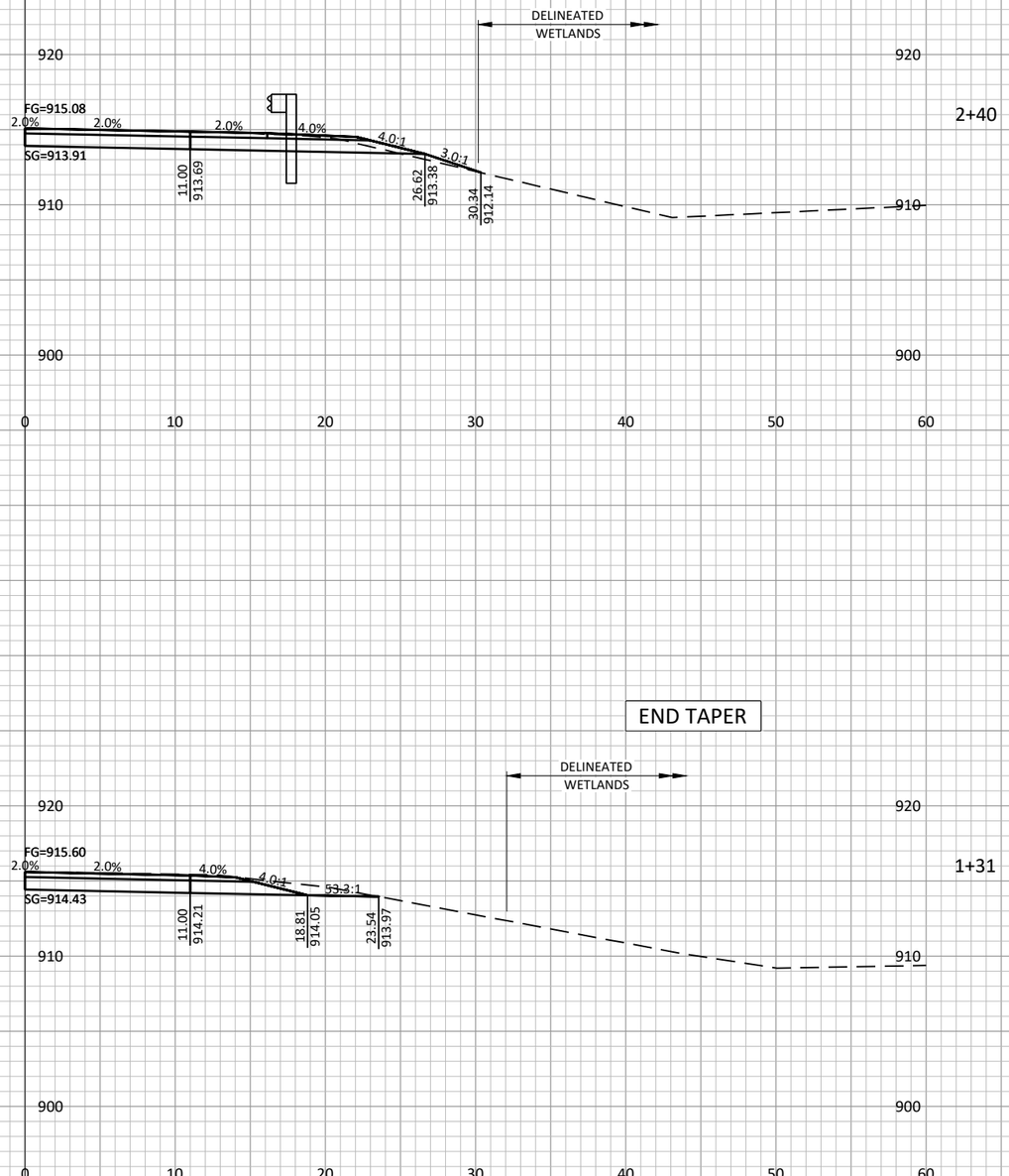
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PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE	SHEET	E

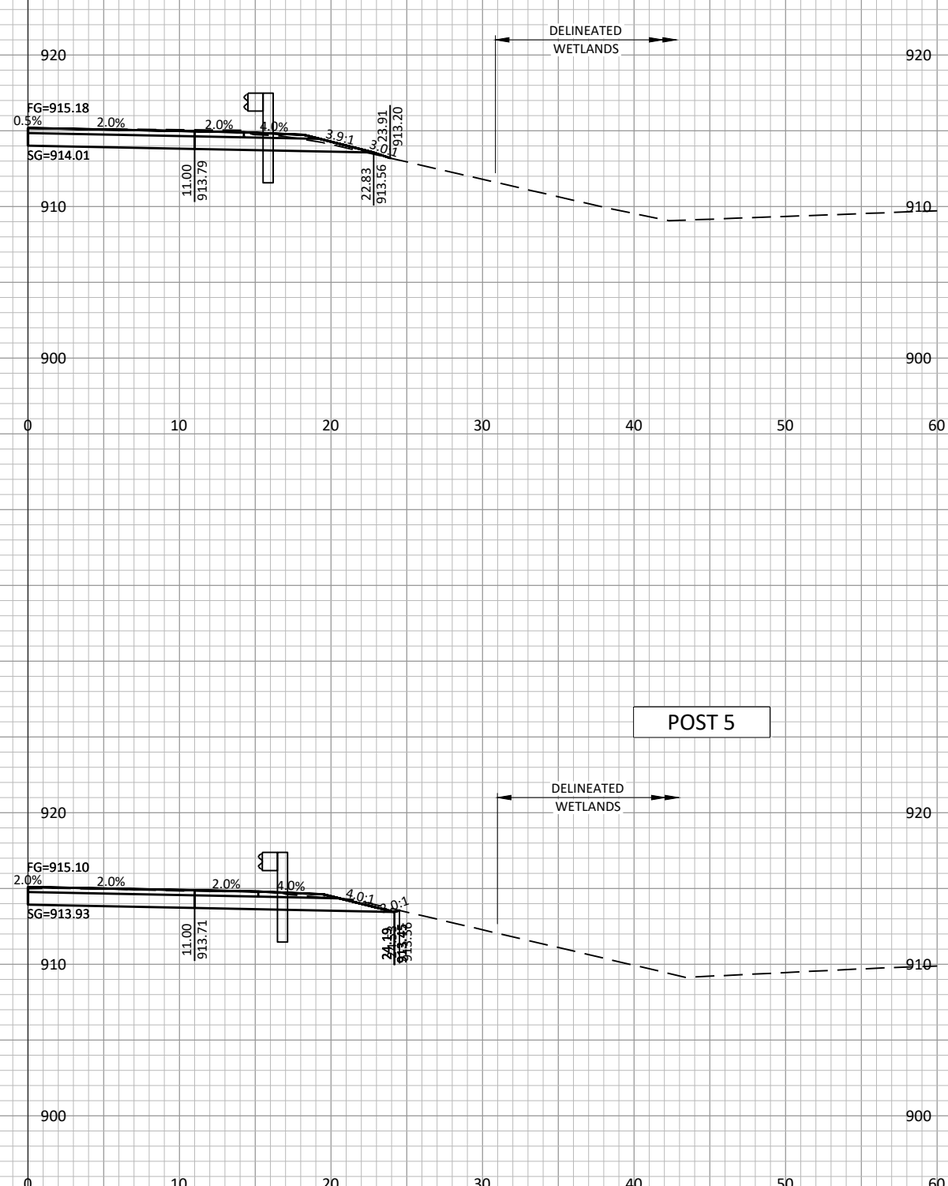
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:27:34 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 142

POST 1



2+40

POST 9



2+92

END TAPER

1+31

POST 5

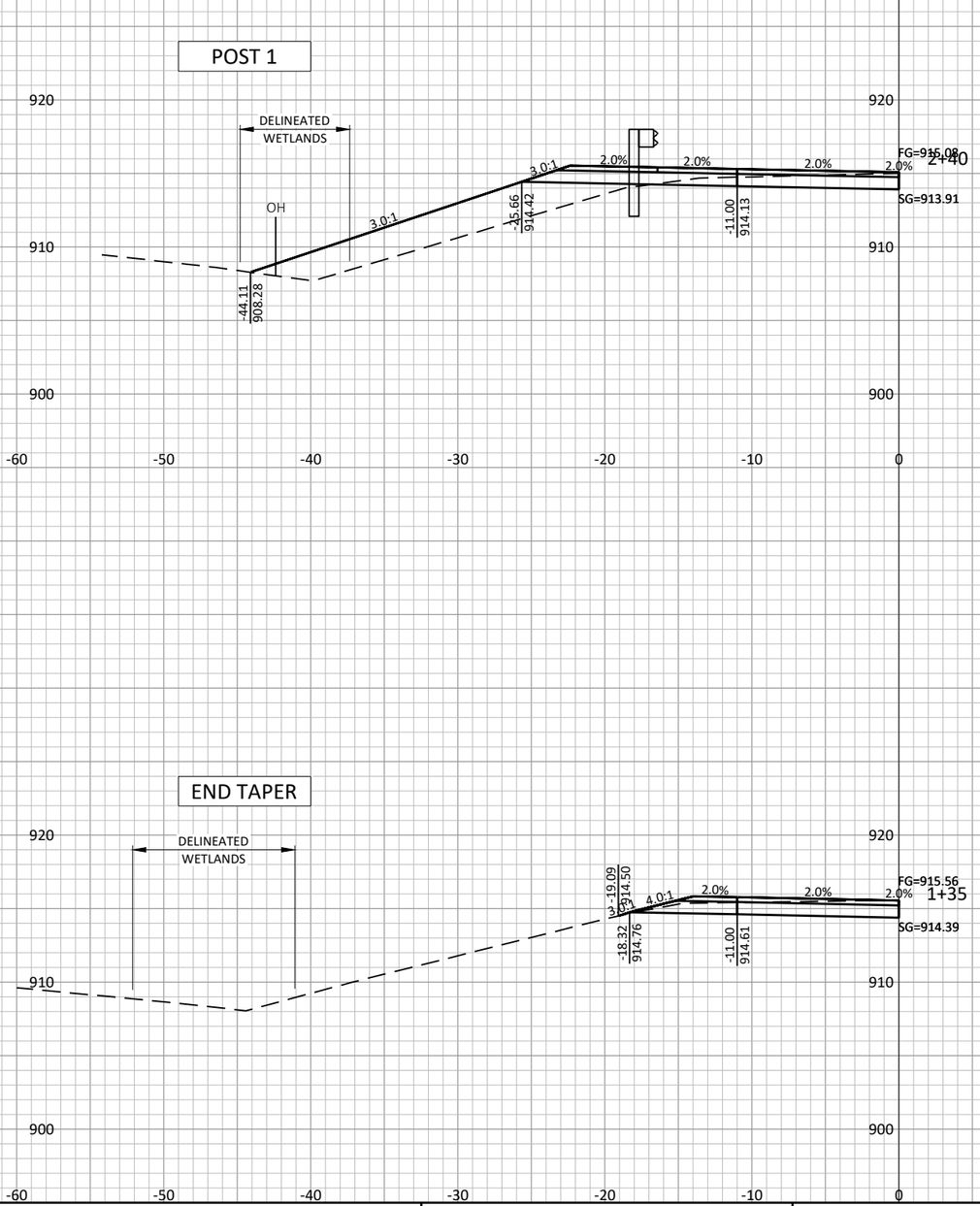
2+67

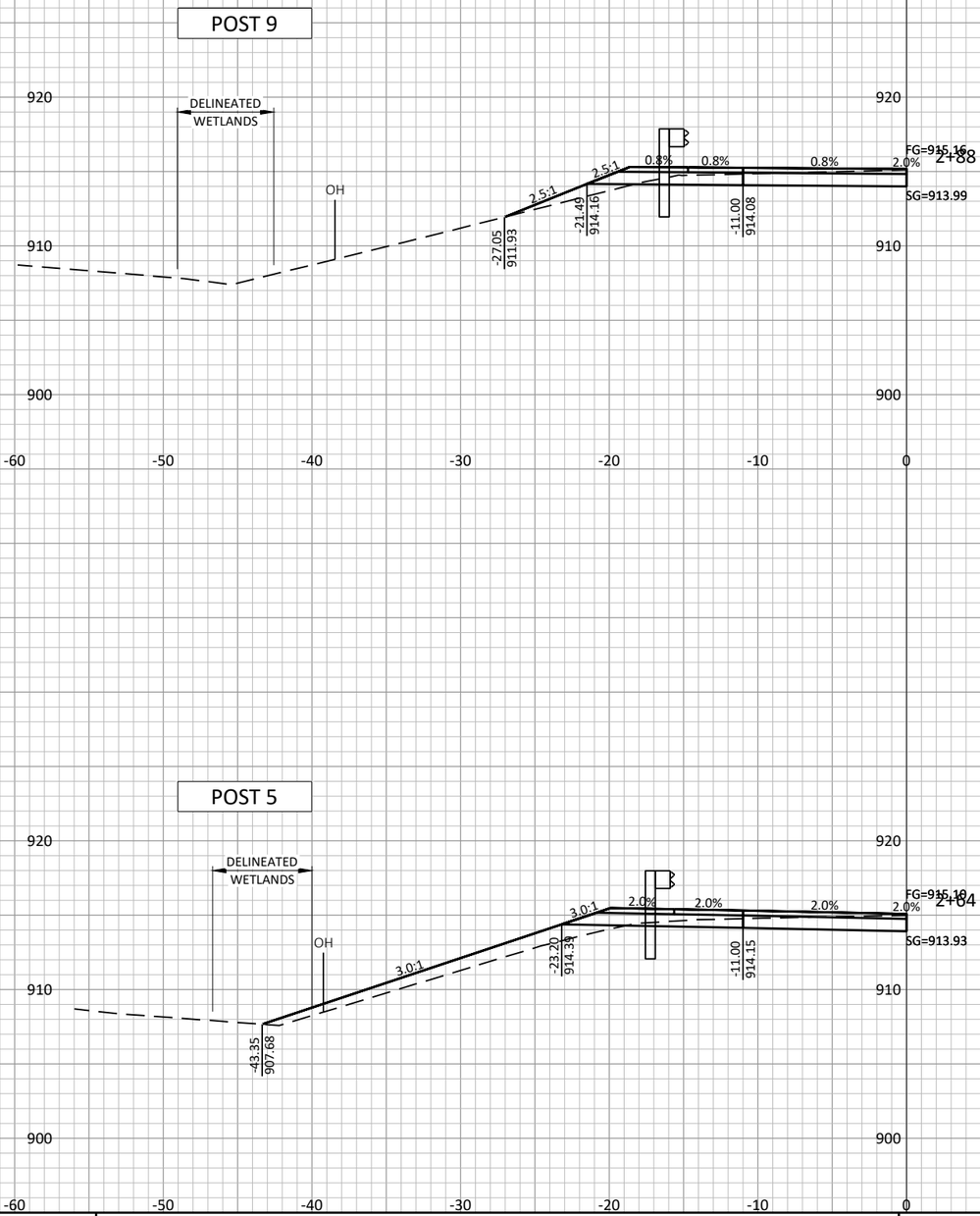
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 298	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/25/2024 11:28:19 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 143





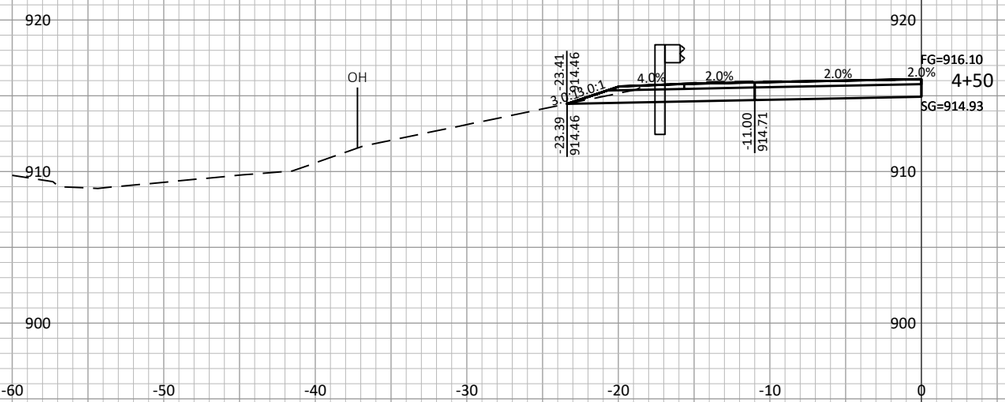
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9

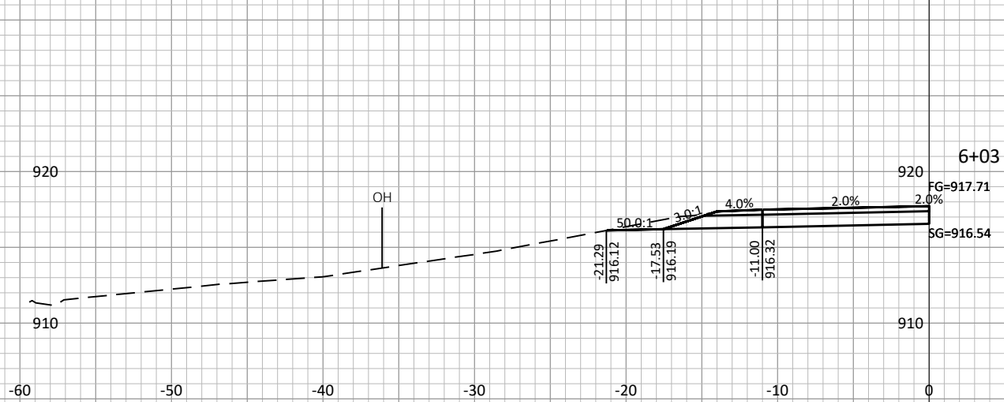
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 299	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/25/2024 11:28:36 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 153

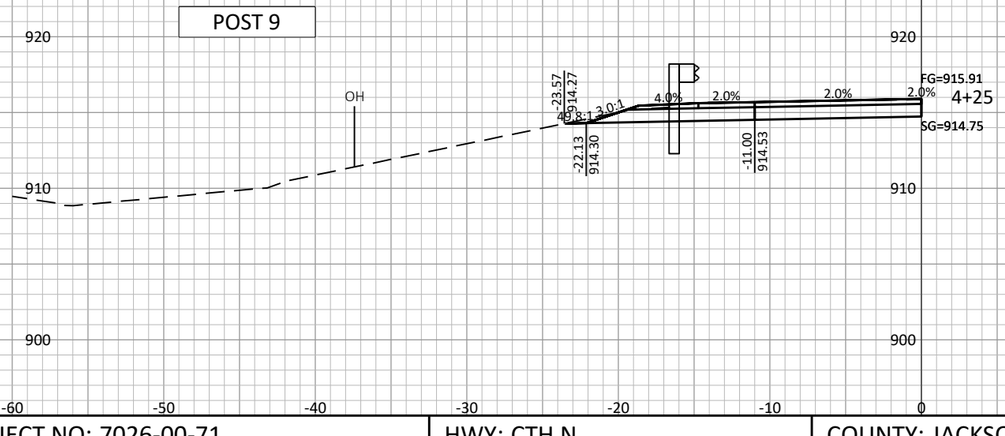
POST 5



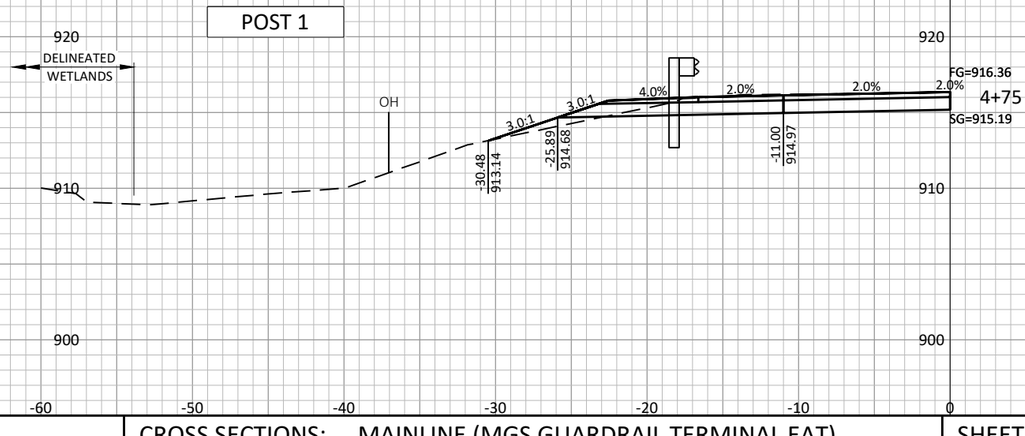
END TAPER



POST 9



POST 1



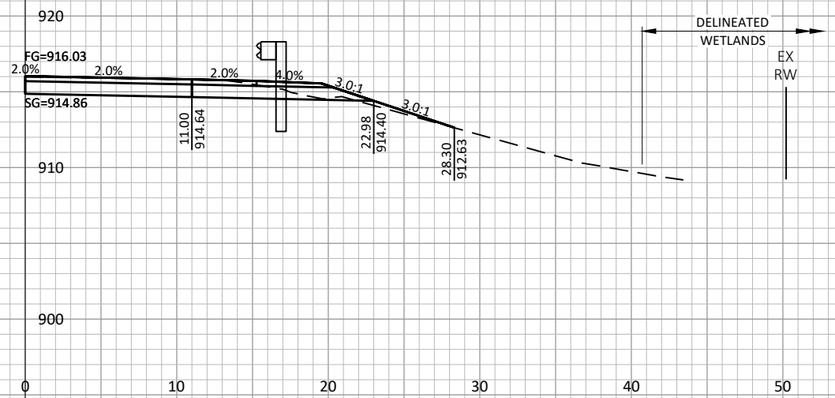
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9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 300	E

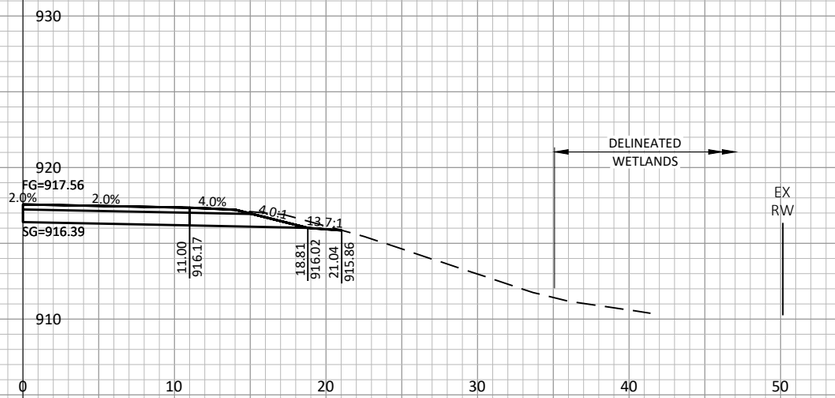
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/25/2024 11:28:53 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 154

POST 5



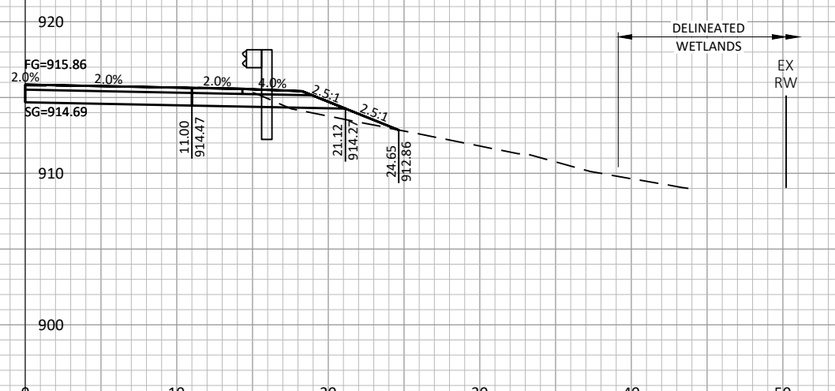
4+42

END TAPER



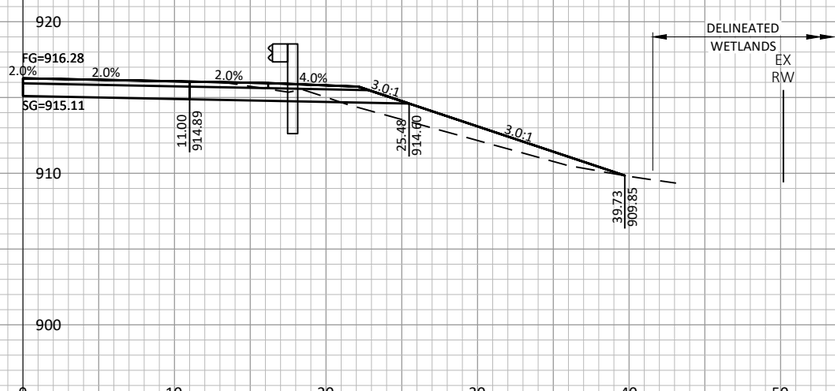
5+89

POST 9



4+17

POST 1

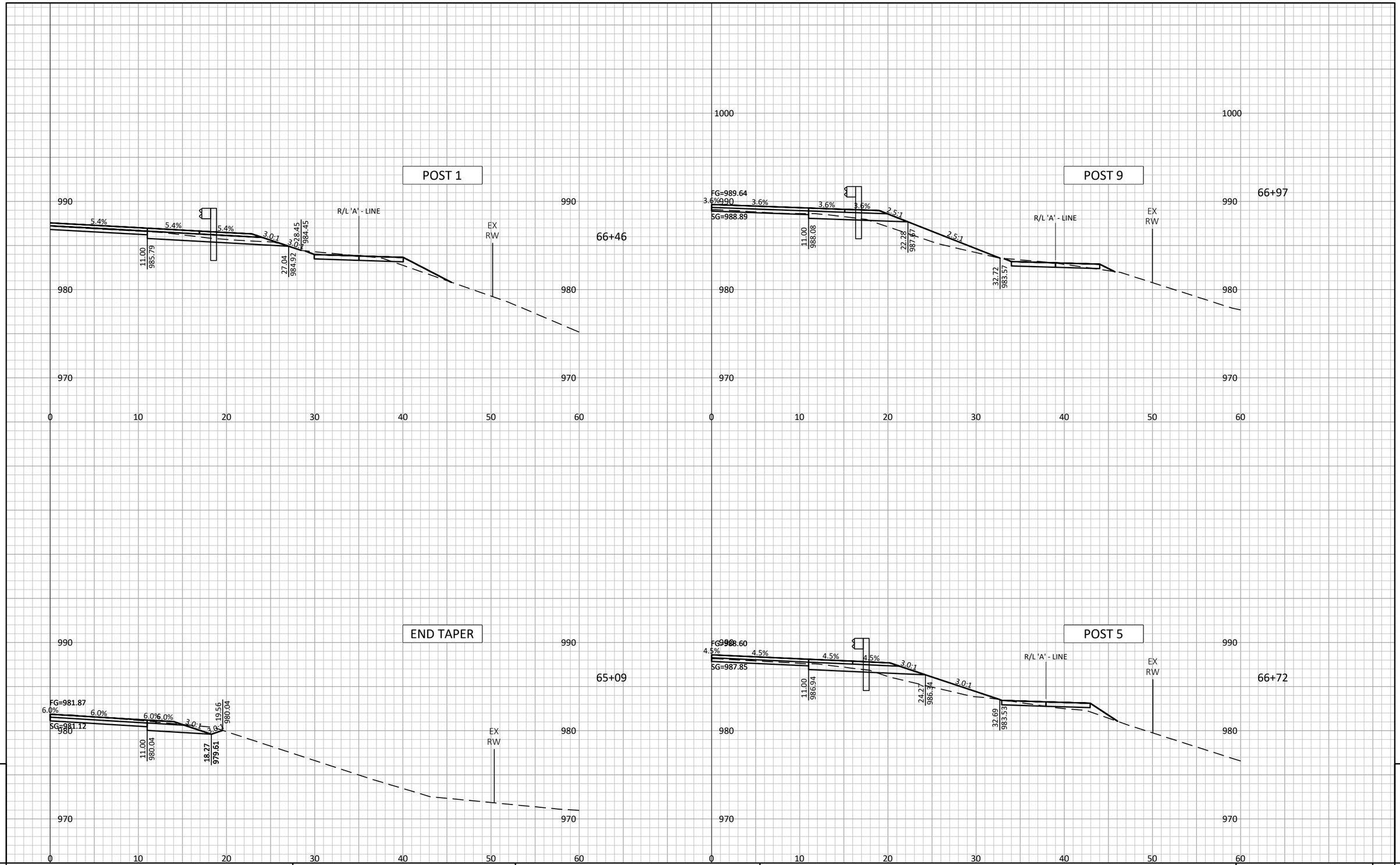


4+67

9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 301	E



9

9

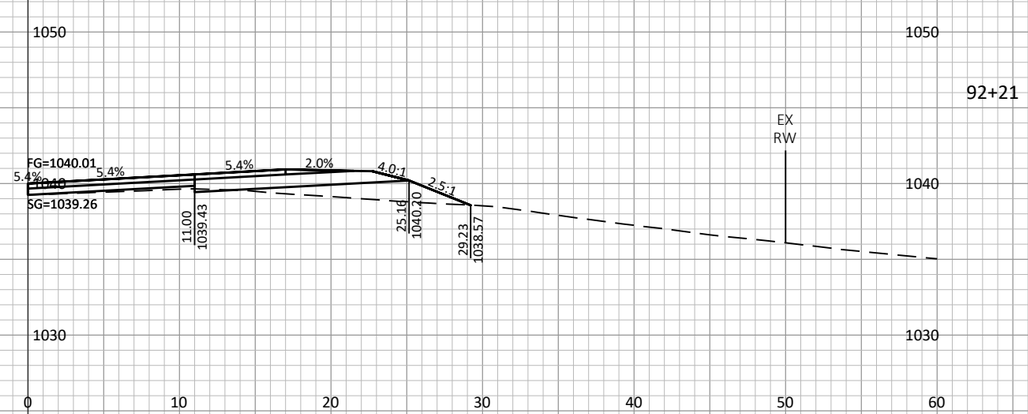
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 302	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/30/2024 10:57:40 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 145

POST 5



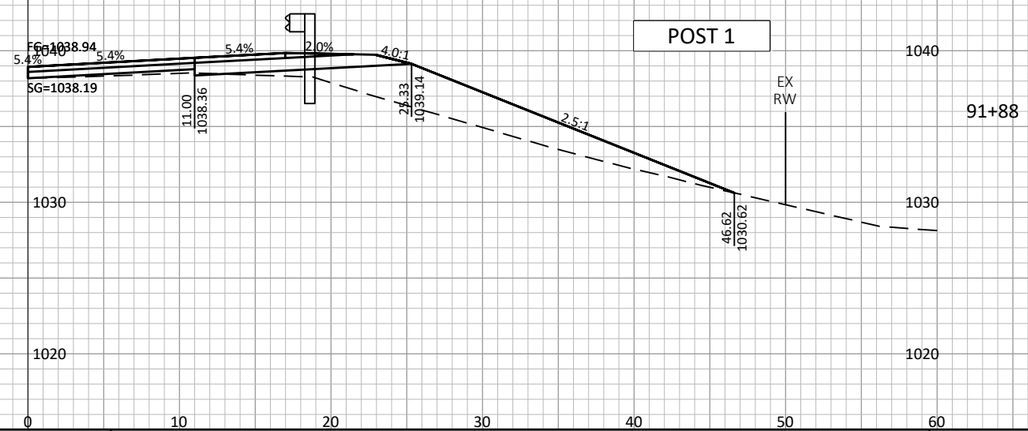
MIDPOINT



POST 9



POST 1



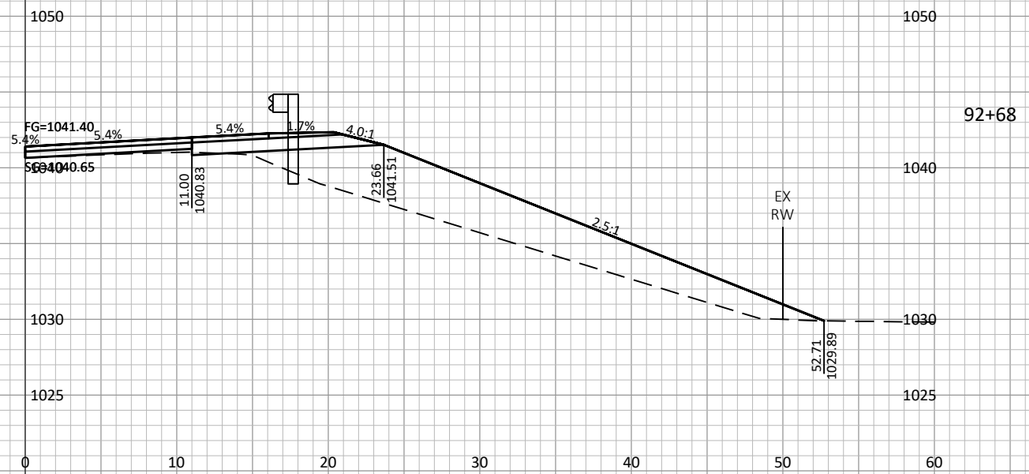
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 303	E

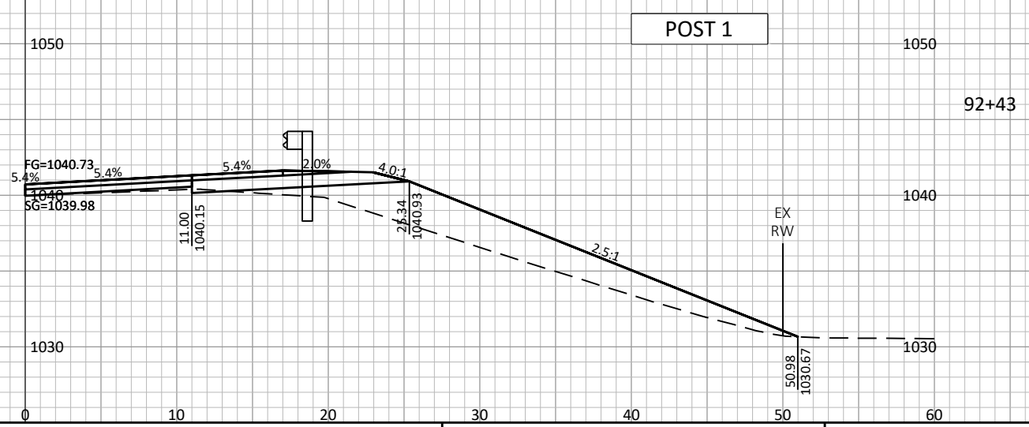
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/25/2024 11:29:45 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 146

POST 5



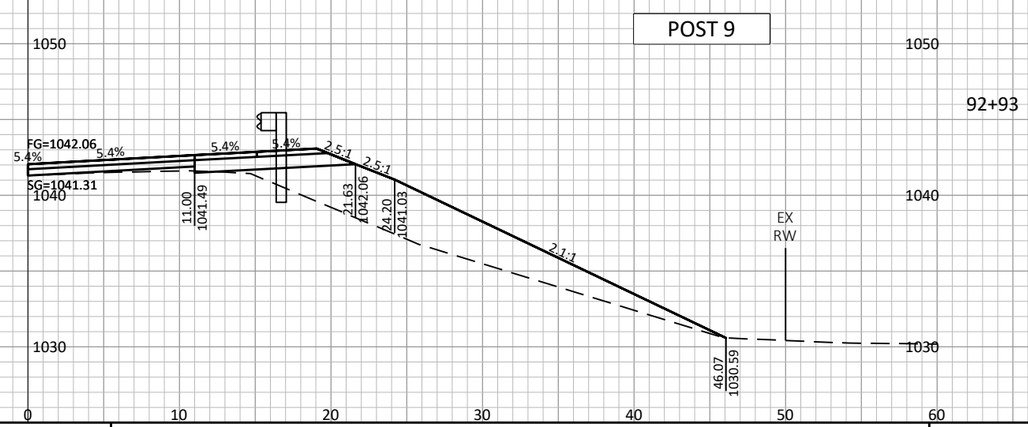
92+68

POST 1



92+43

POST 9

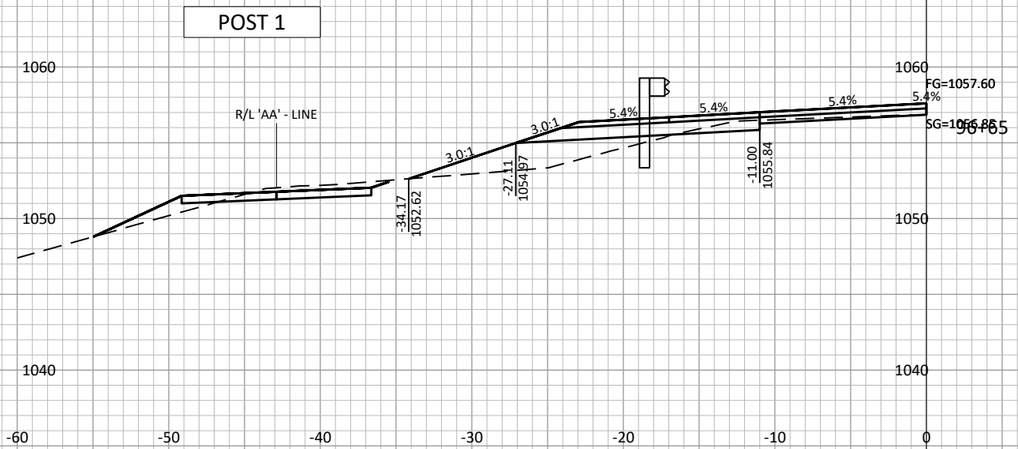


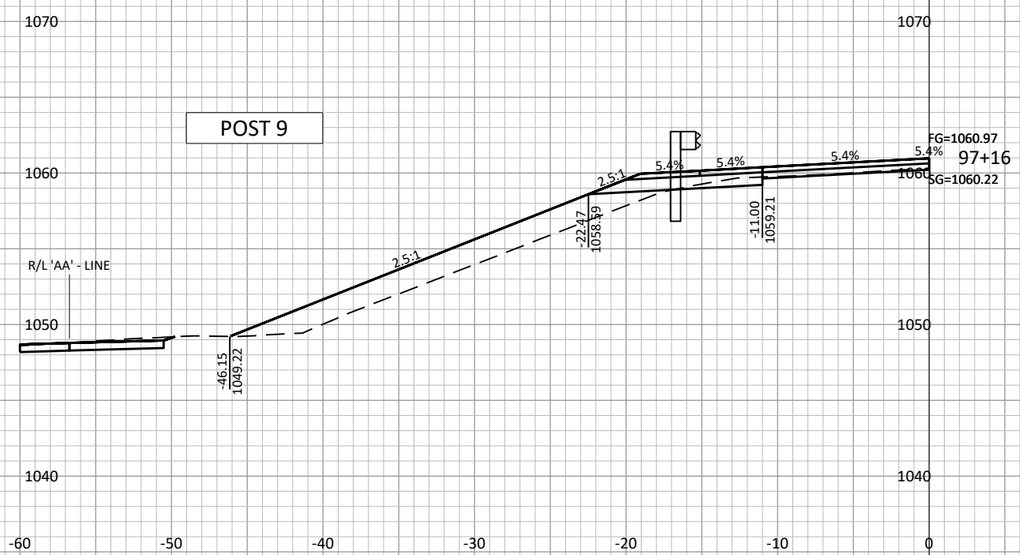
92+93

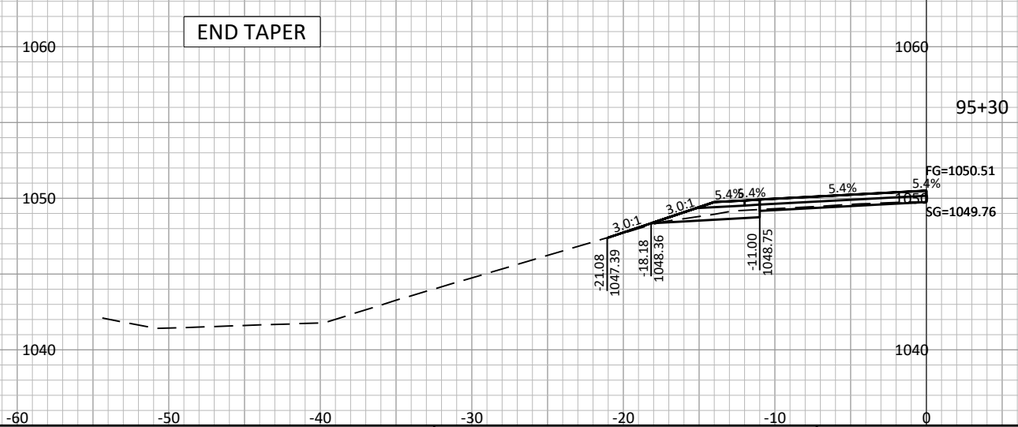
9

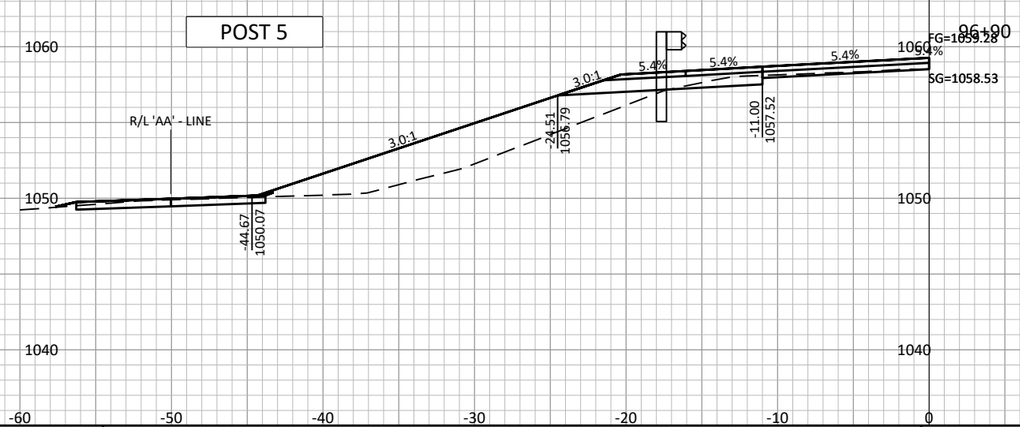
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PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 304	E









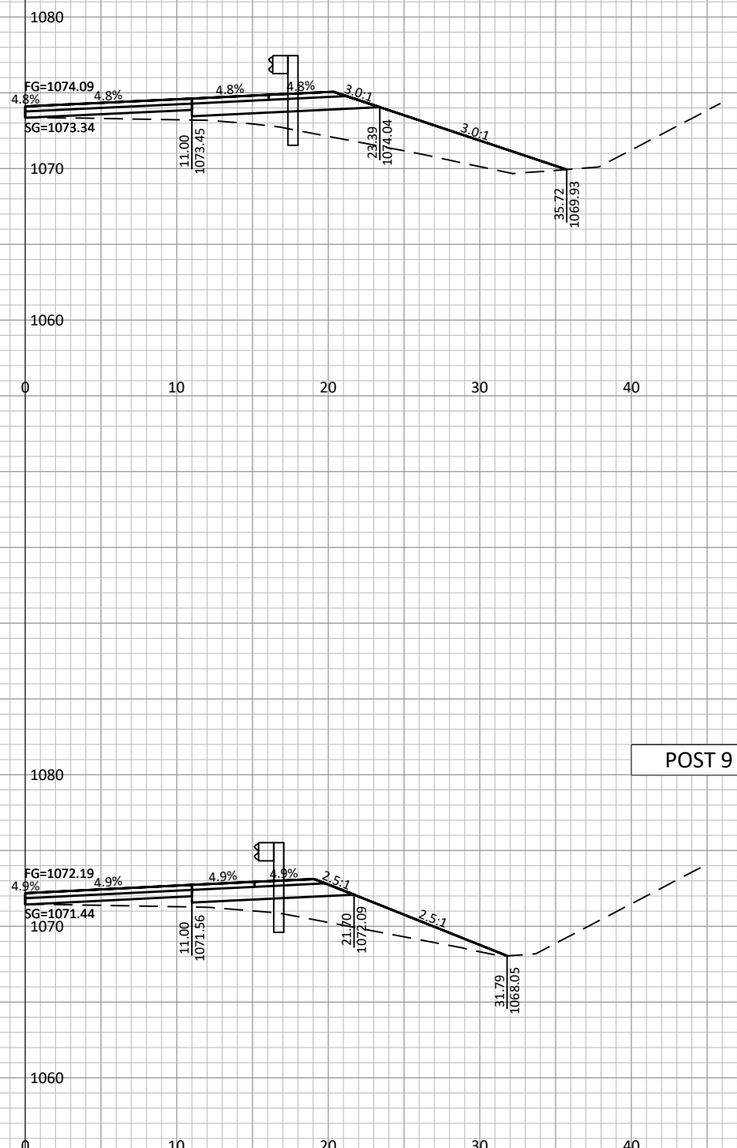
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 305	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/30/2024 10:58:29 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 155

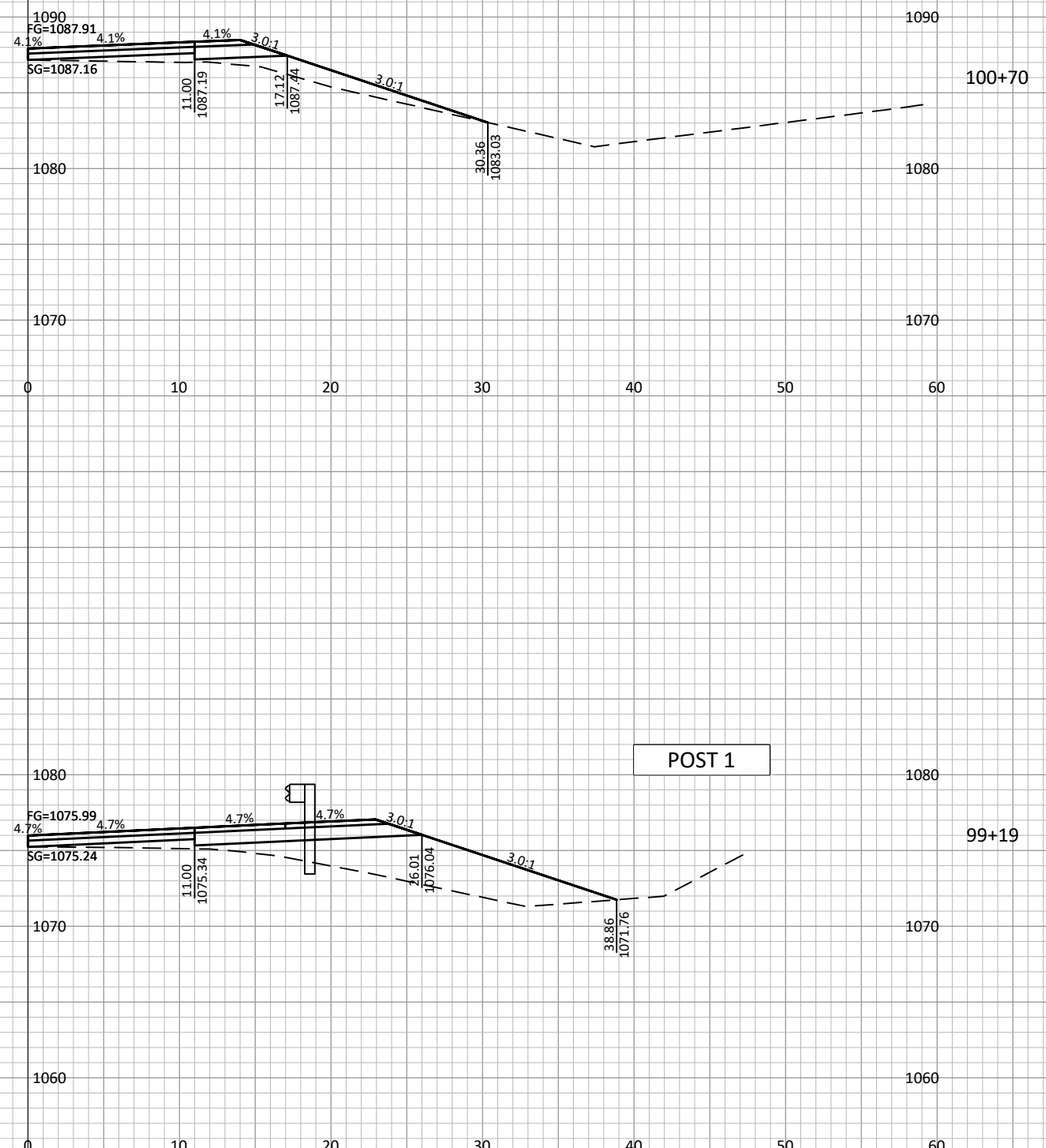
POST 5



98+94



END TAPER



100+70

POST 9

98+69

POST 1

99+19

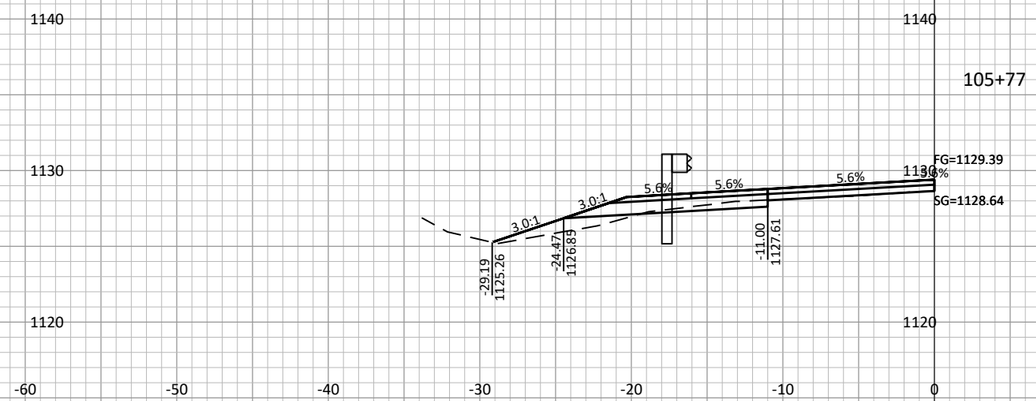
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9

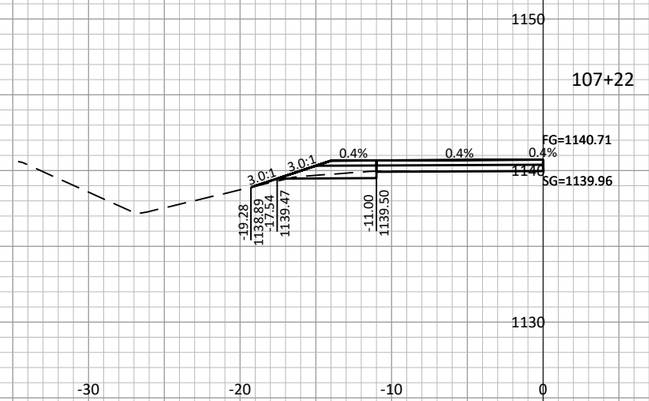
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/25/2024 11:30:36 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 148

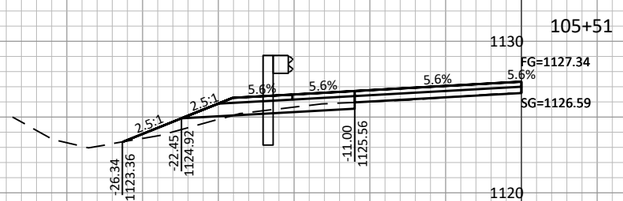
POST 5



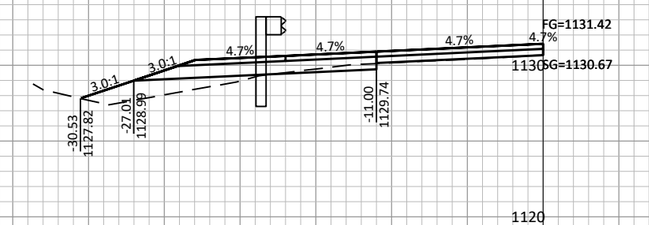
END TAPER



POST 9



POST 1



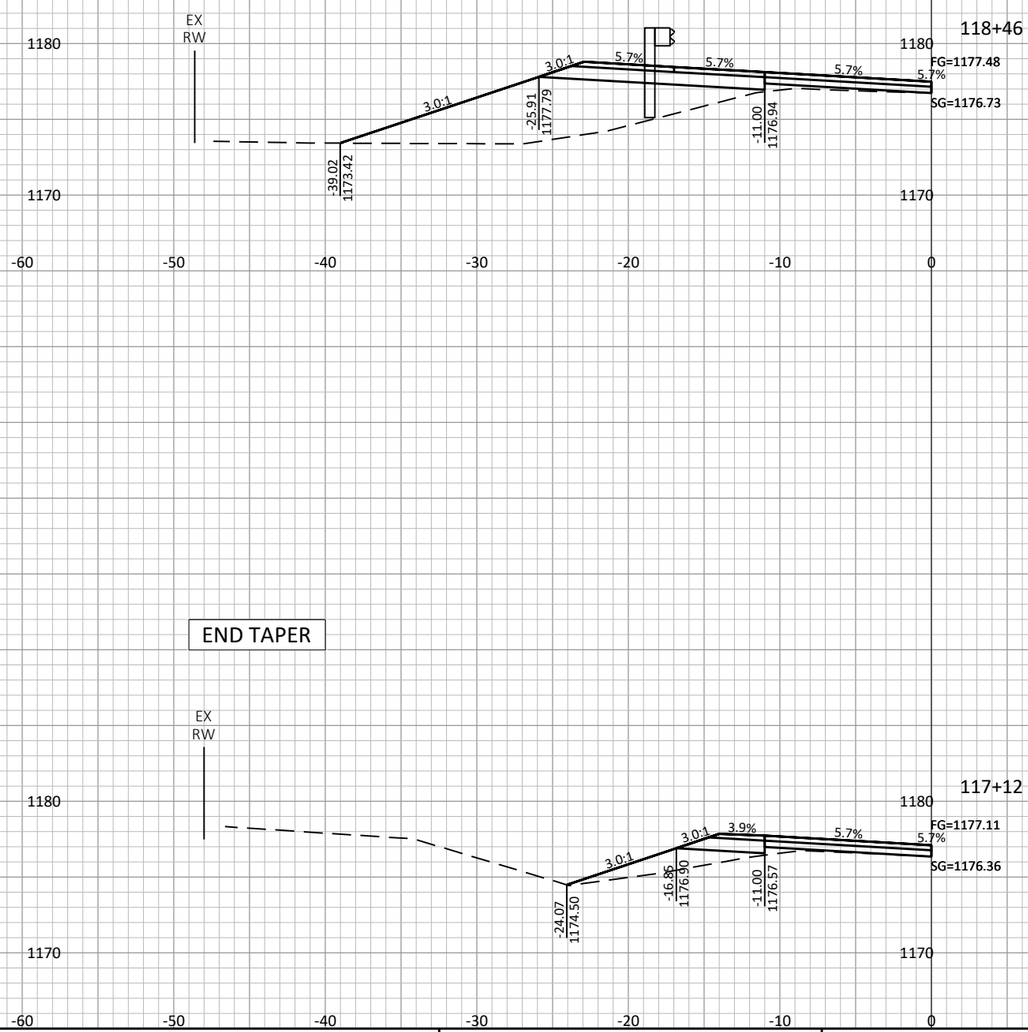
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9

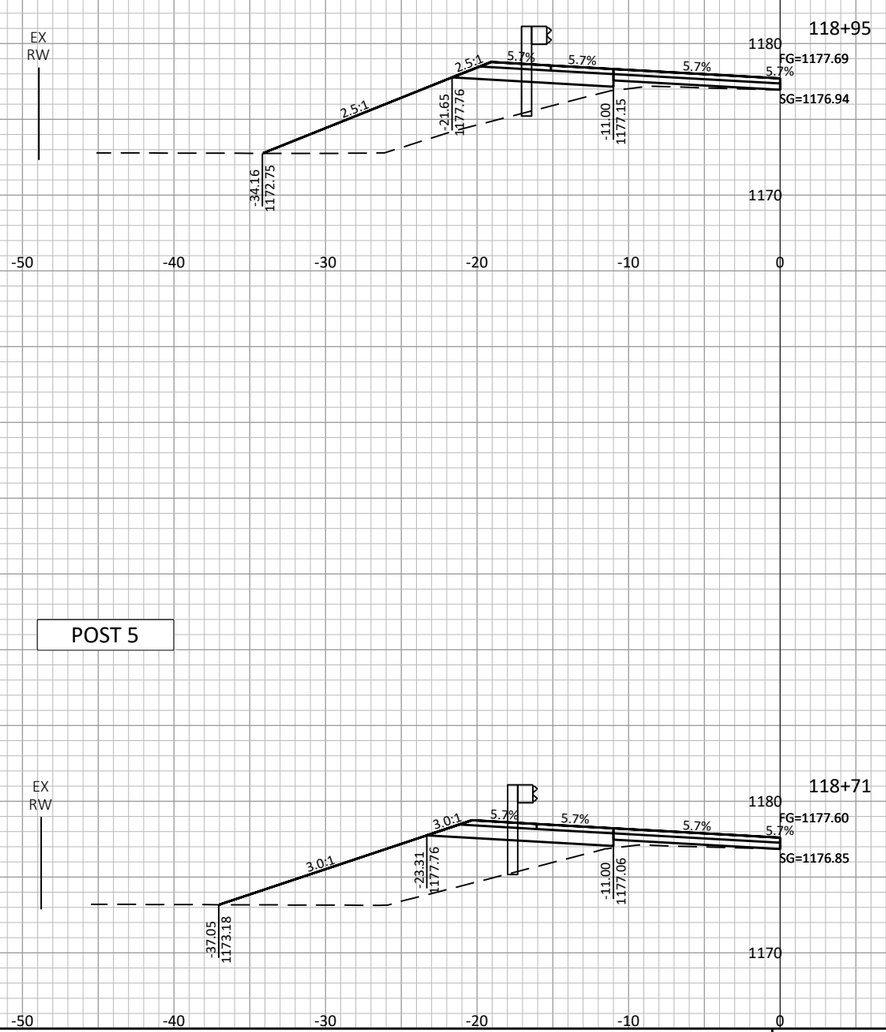
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/25/2024 11:30:53 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 156

POST 1



POST 9



END TAPER

POST 5

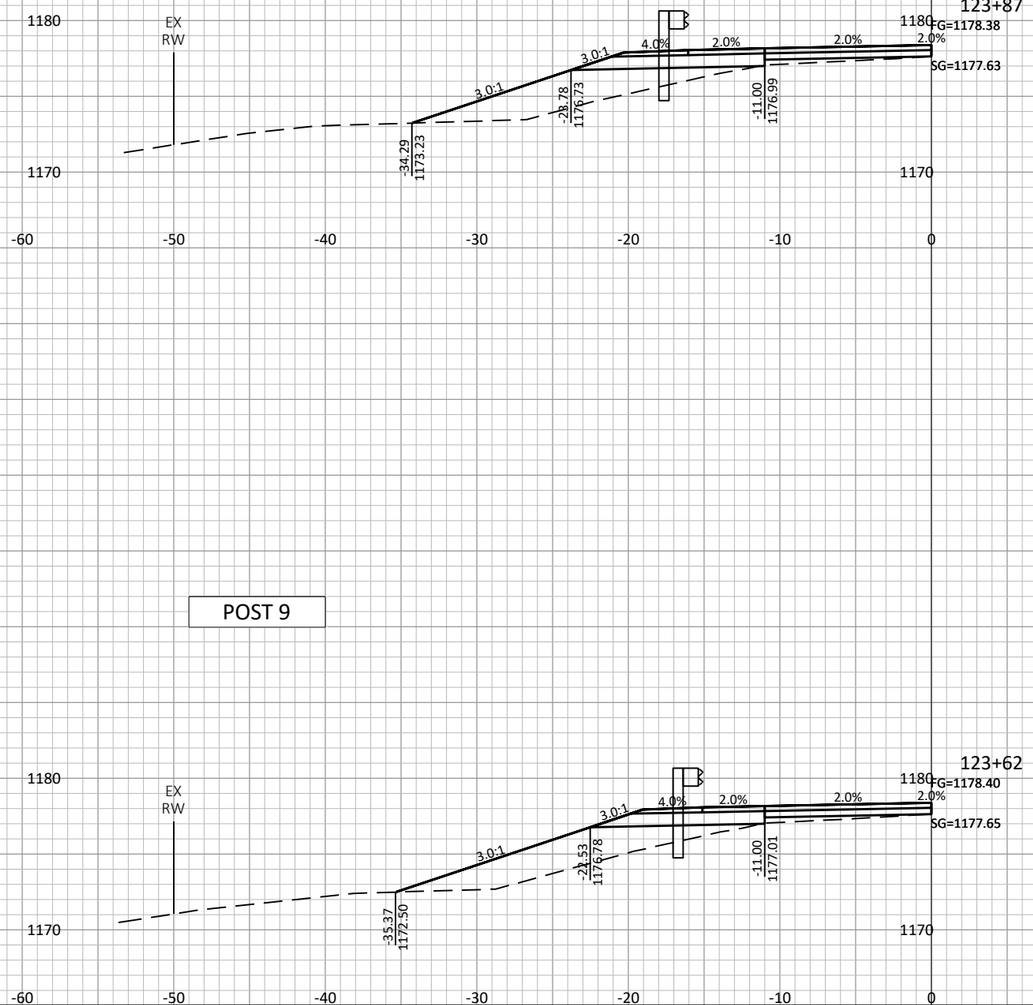
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9

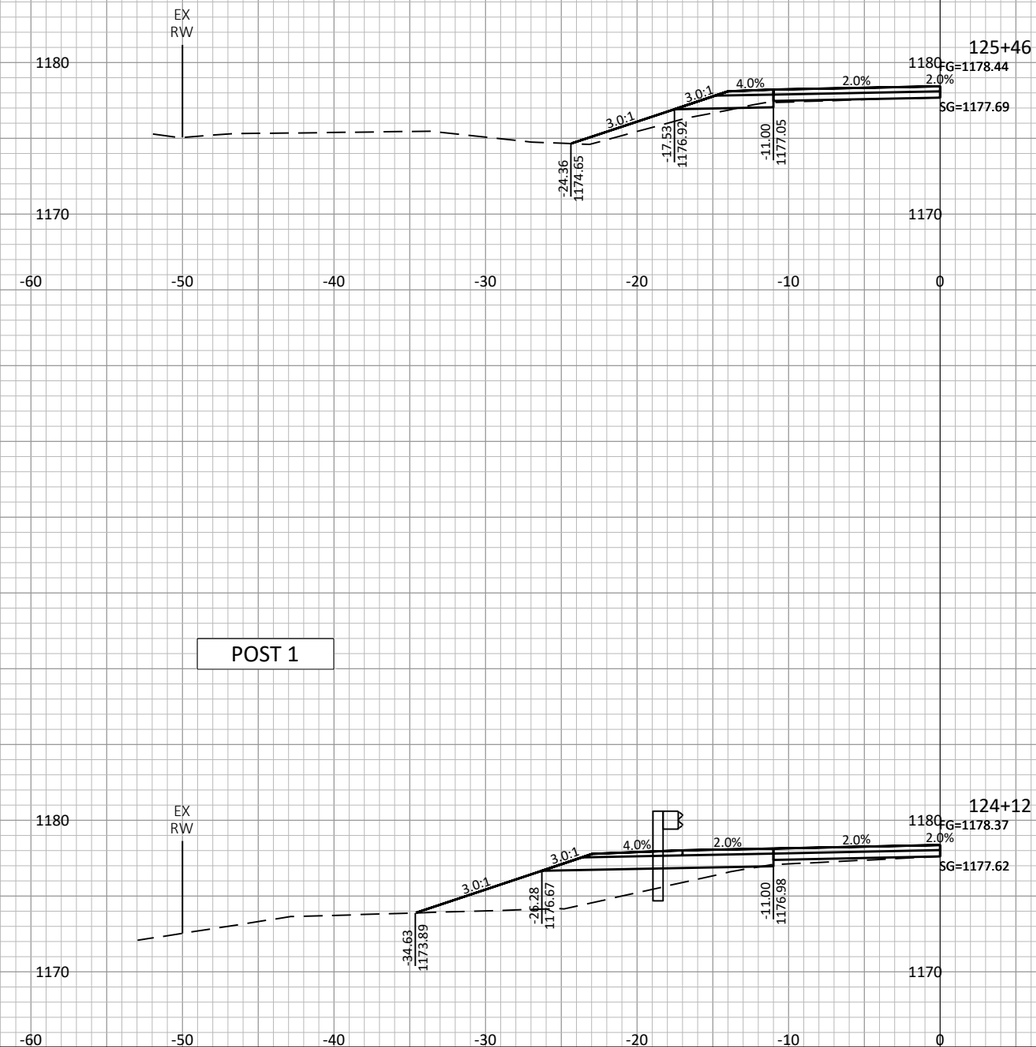
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 308	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/25/2024 11:31:10 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 157

POST 5



END TAPER



POST 9

POST 1

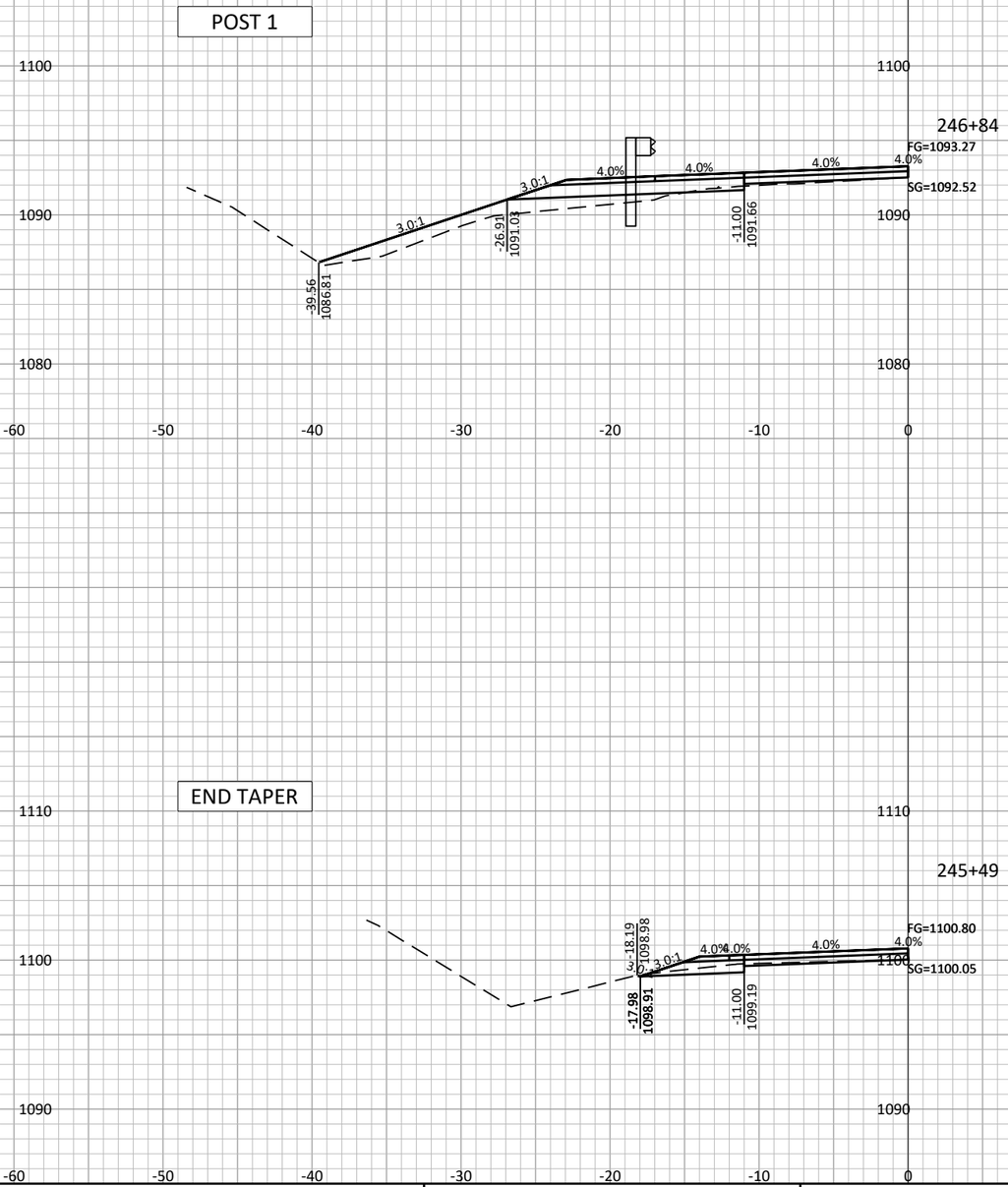
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9

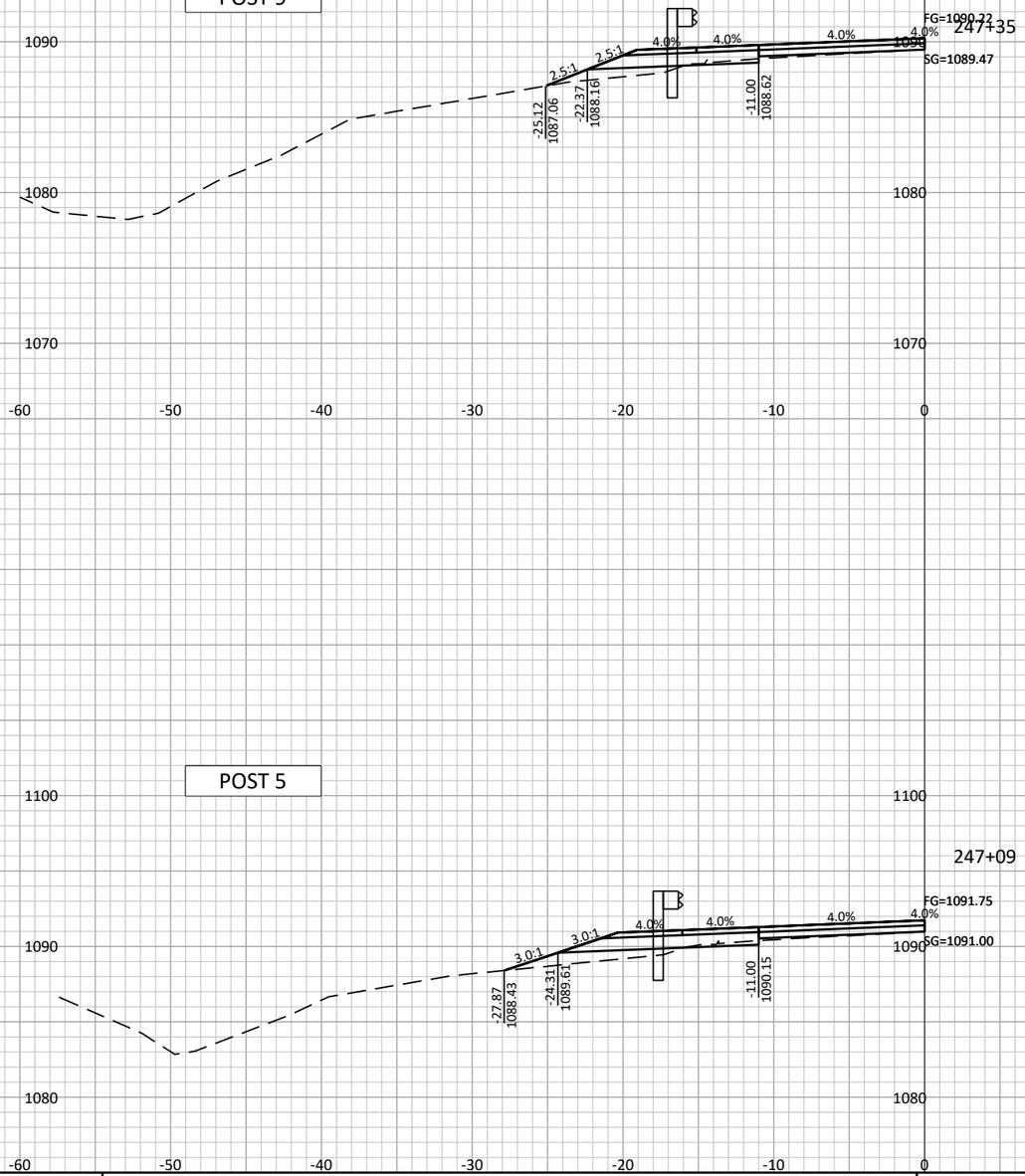
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/25/2024 11:31:27 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 158

POST 1



POST 9

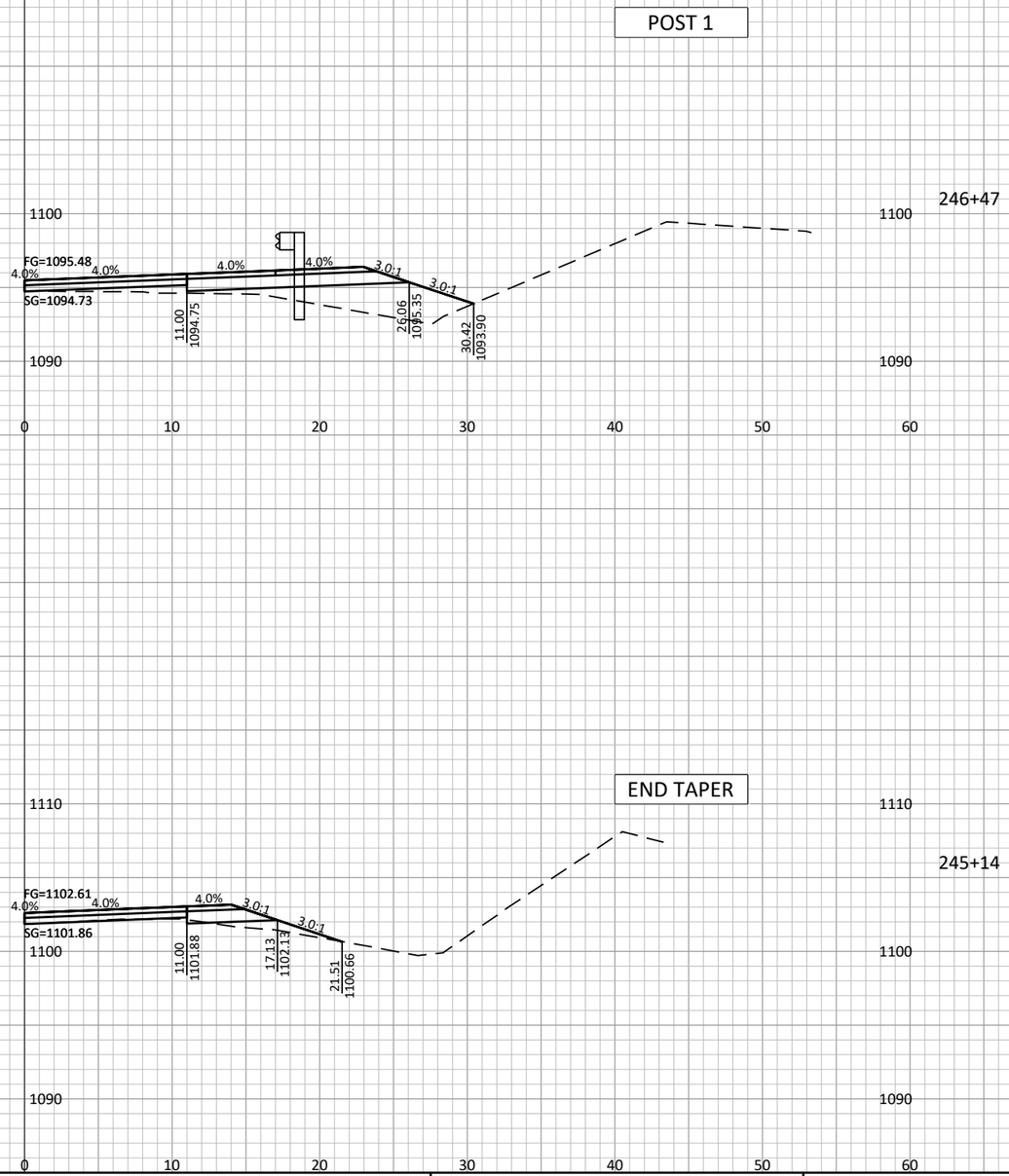


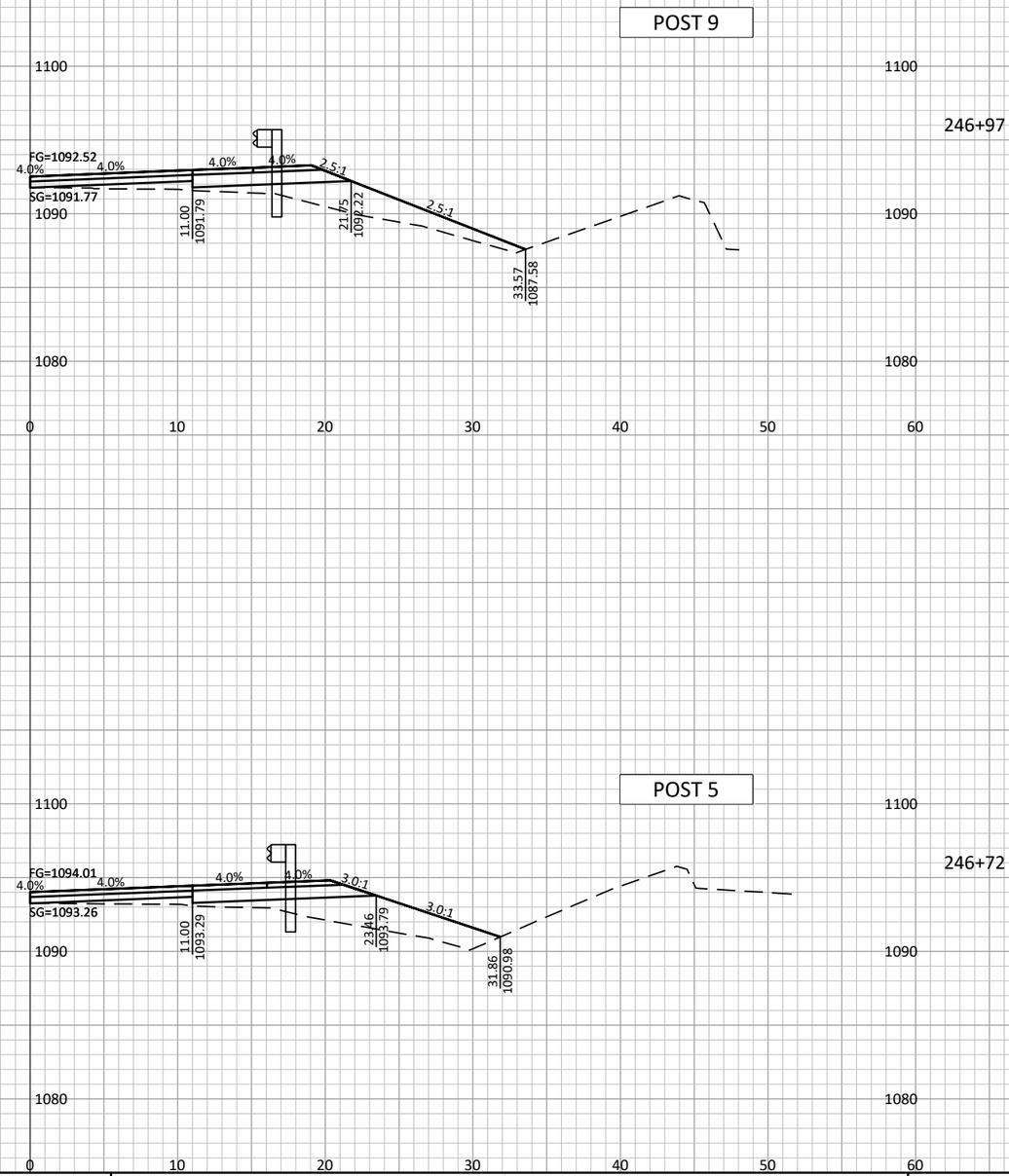
END TAPER

POST 5

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/25/2024 11:31:44 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 159



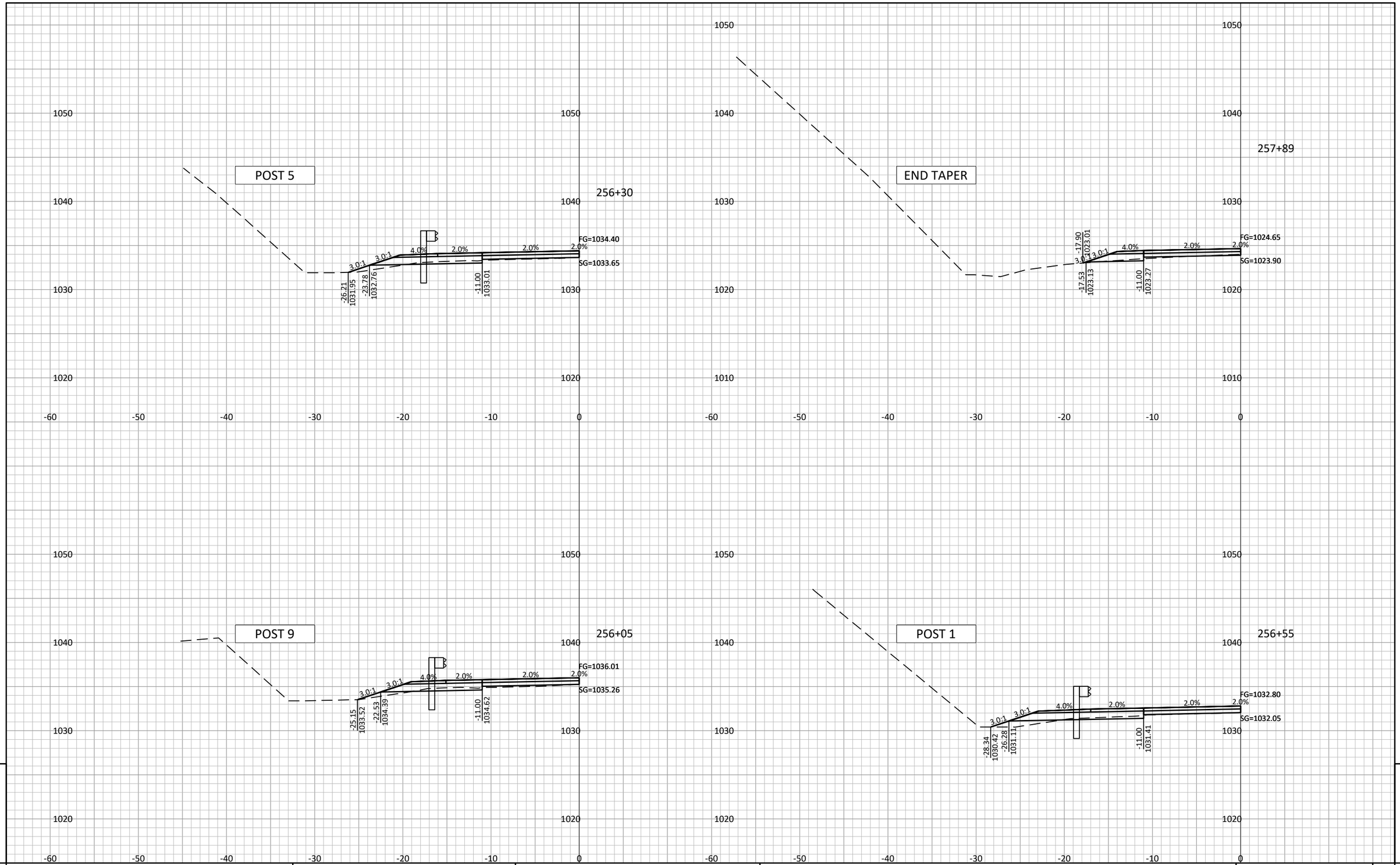


9

9

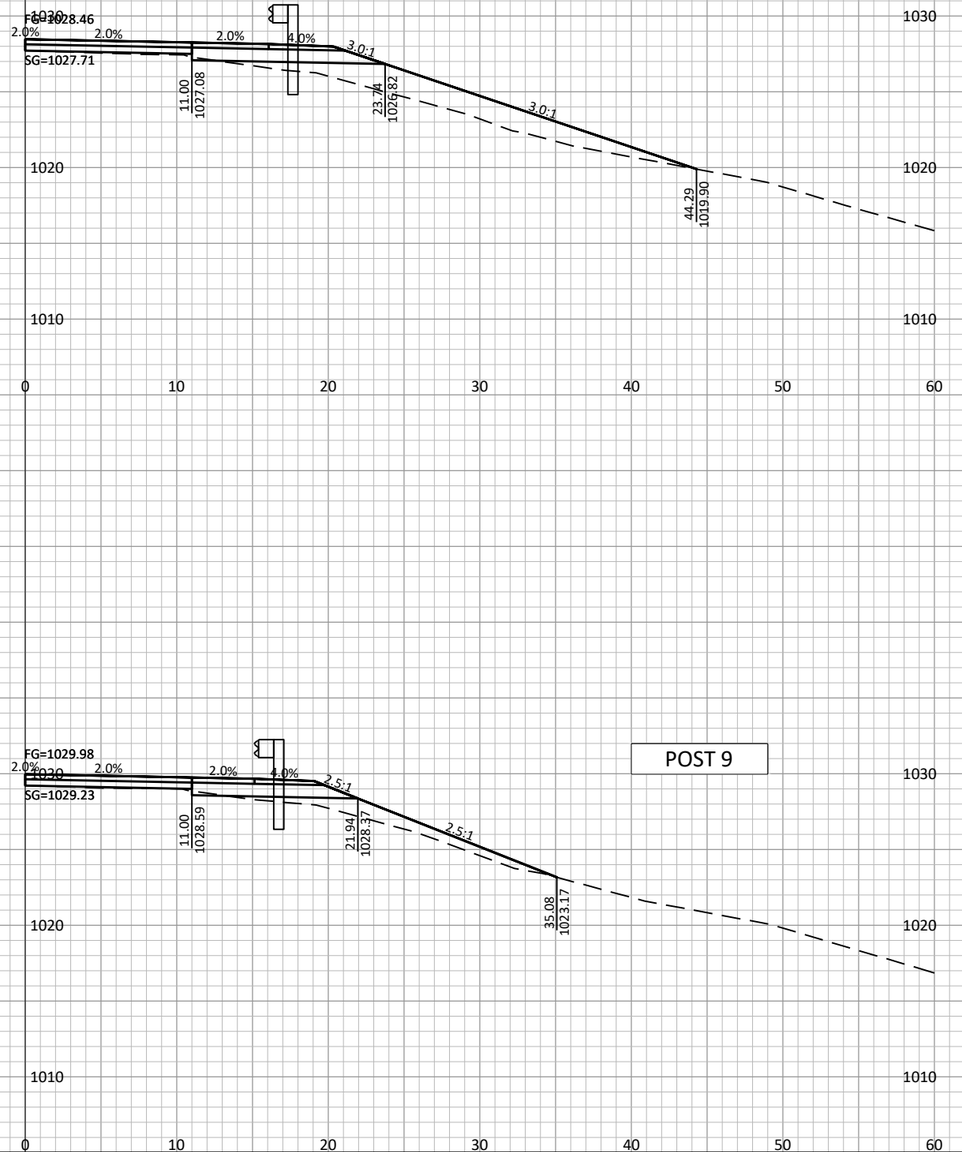
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 311	E

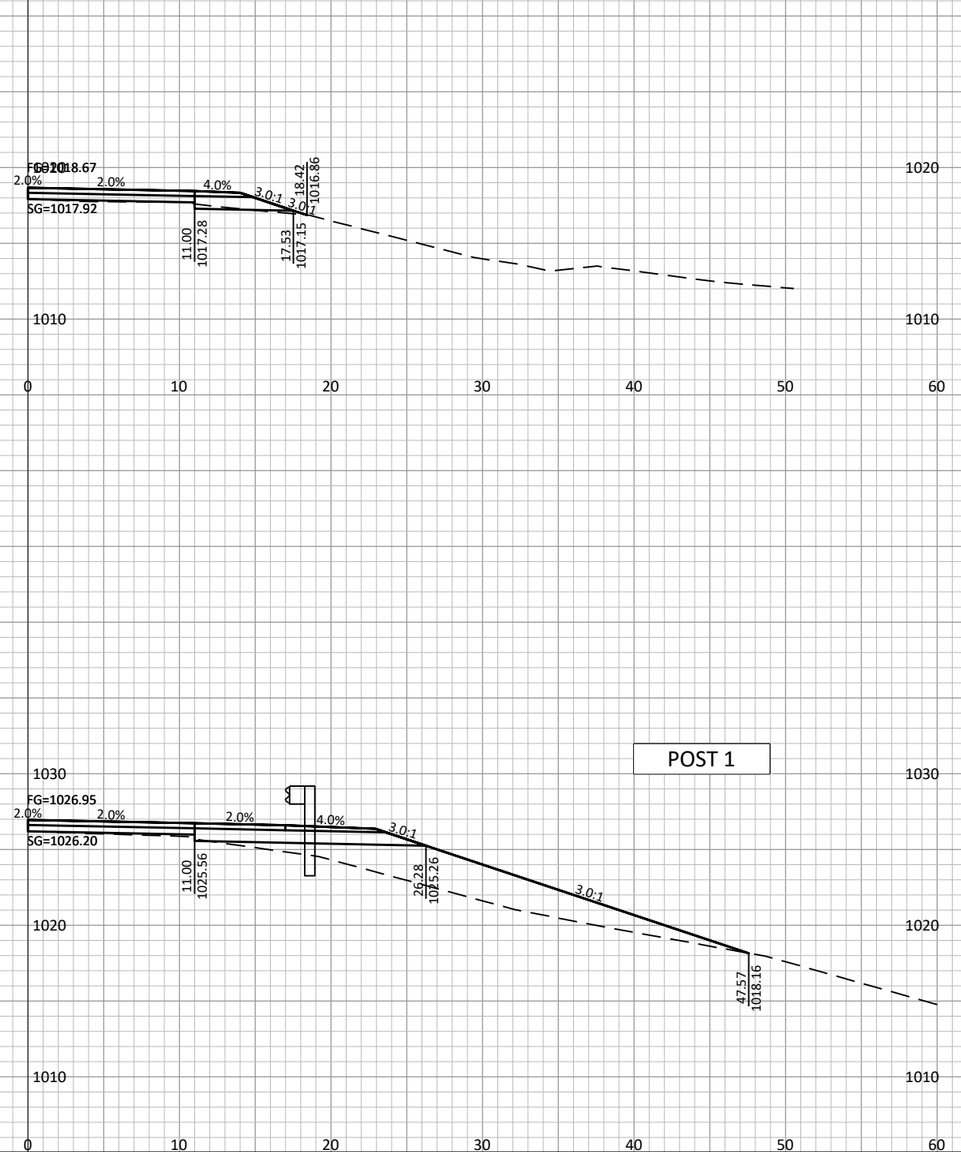
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/25/2024 11:32:02 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 149



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 312	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/25/2024 11:32:19 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 160





9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 313	E

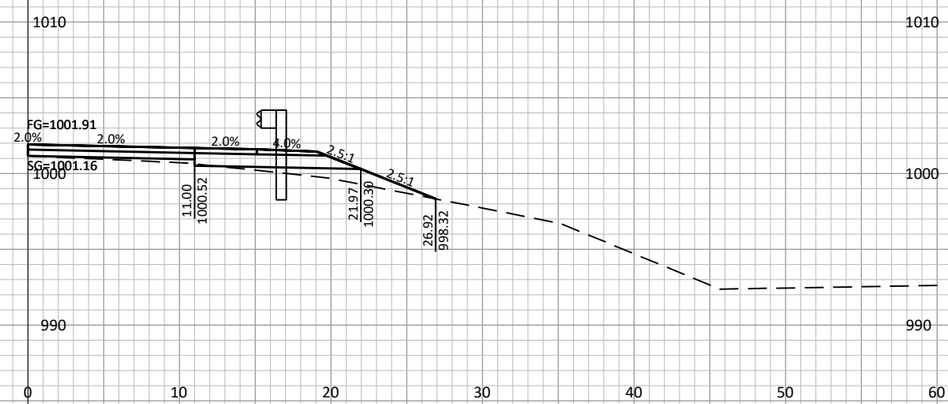
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/25/2024 11:32:36 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 150

POST 1

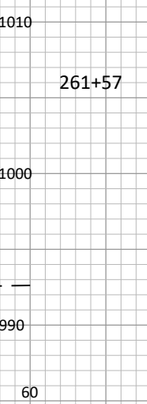


261+07

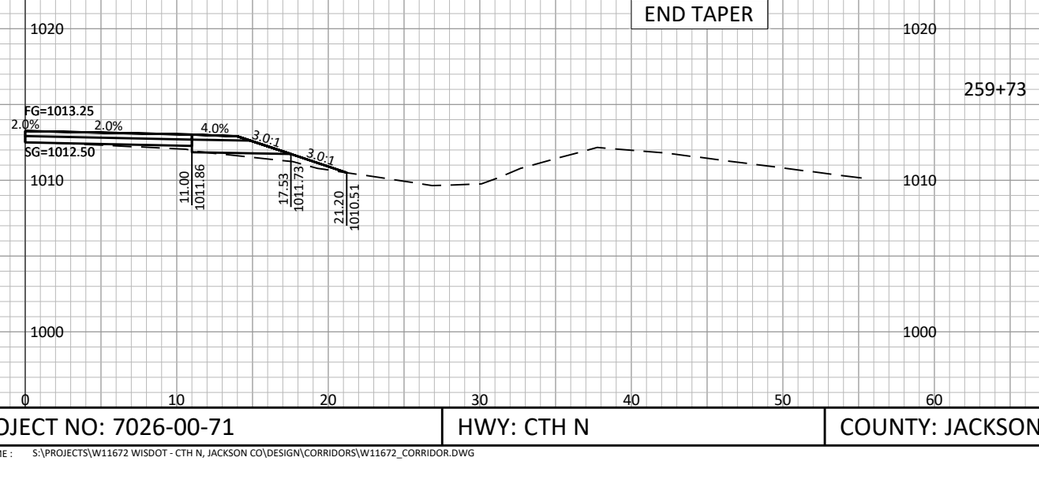
POST 9



261+57

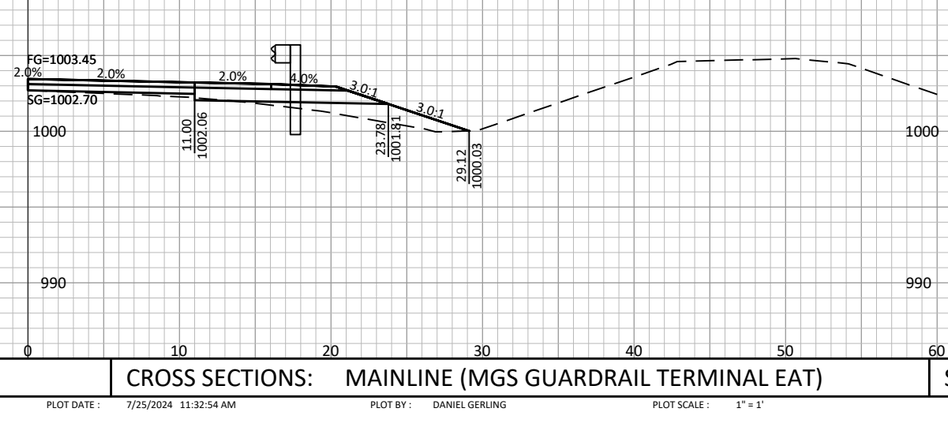


END TAPER



259+73

POST 5



261+32

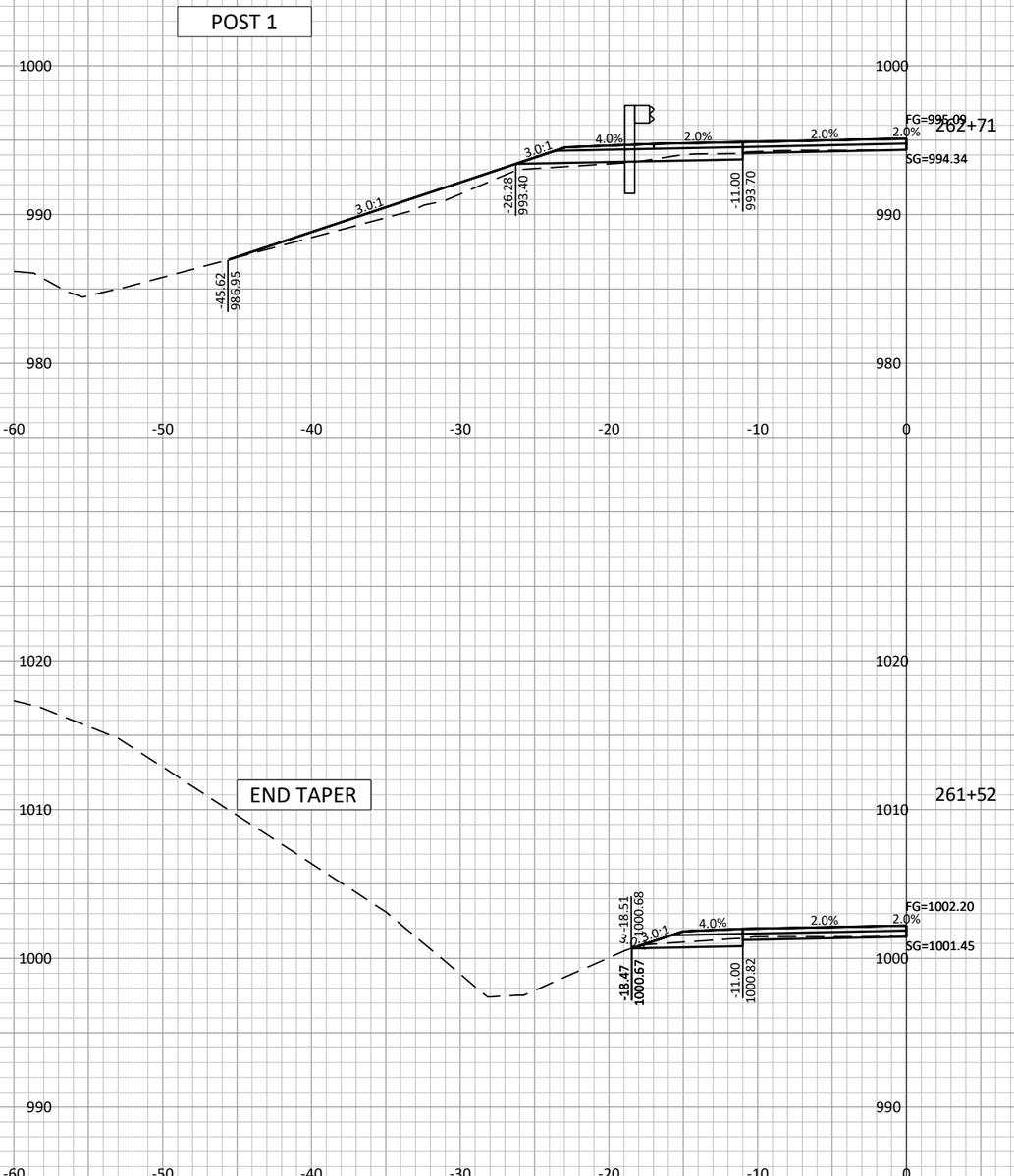


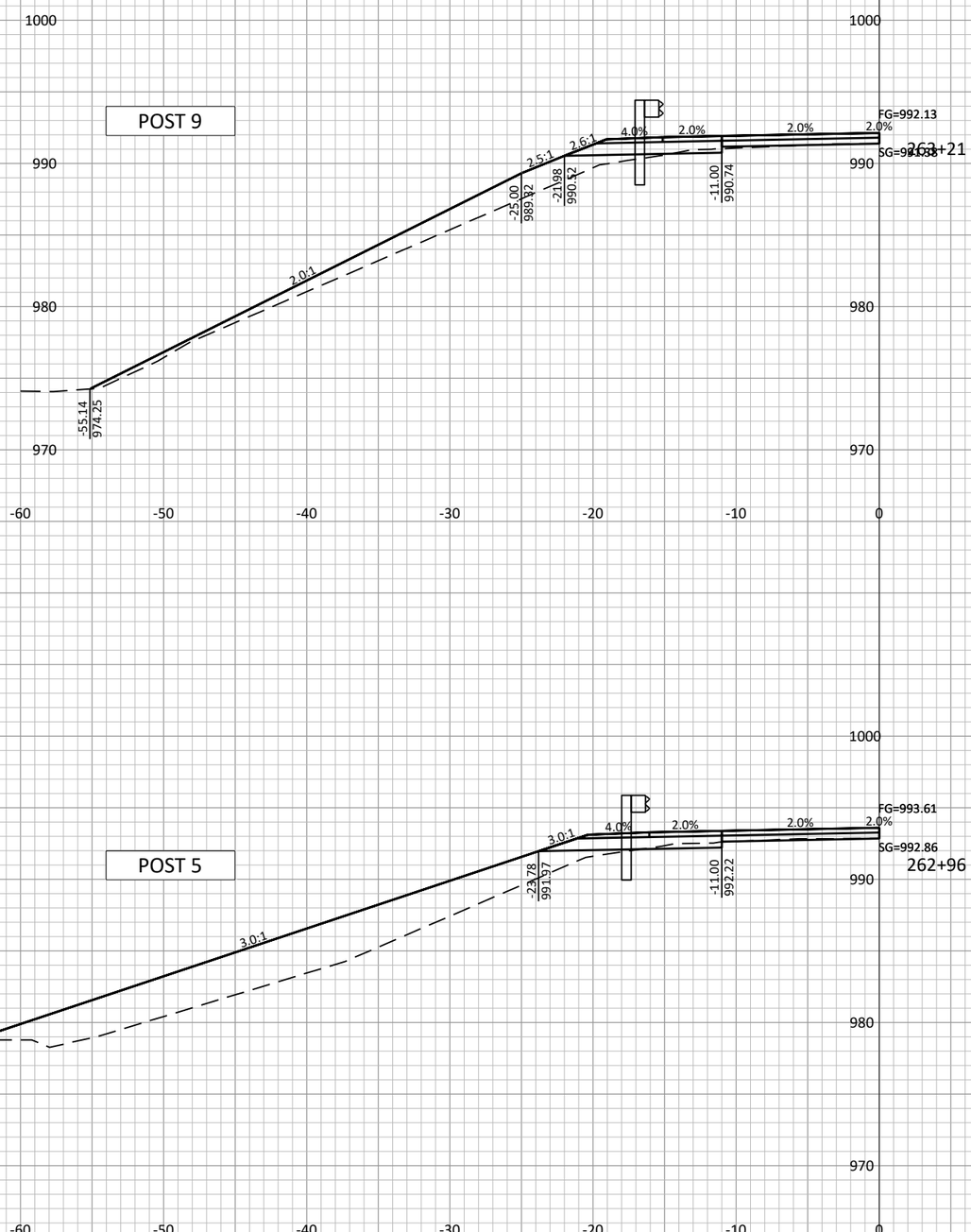
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 314	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/25/2024 11:32:54 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 151





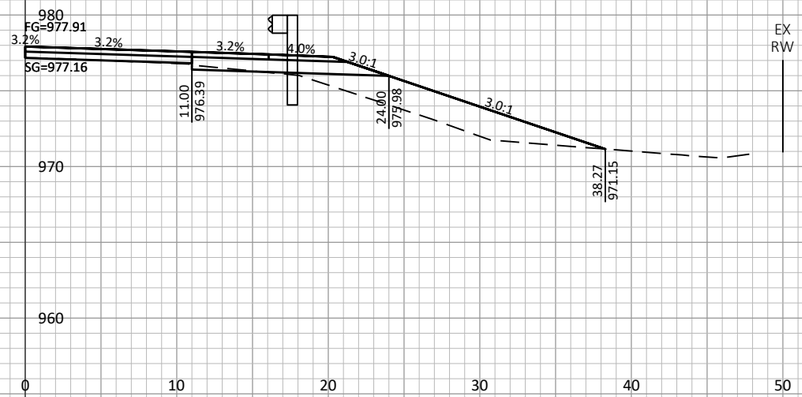
9

9

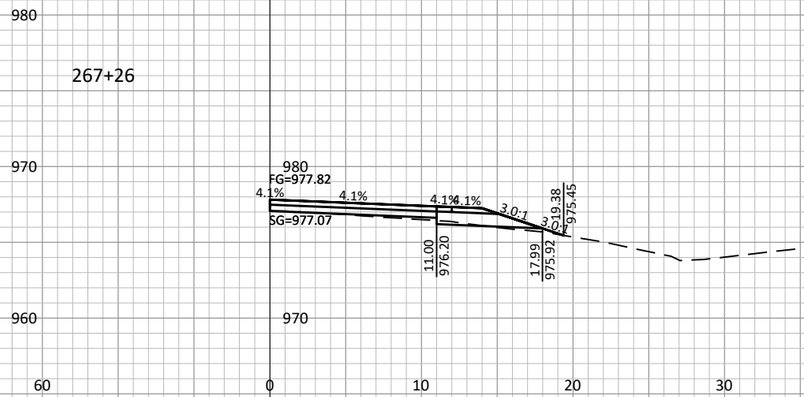
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/25/2024 11:33:11 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 161

POST 5



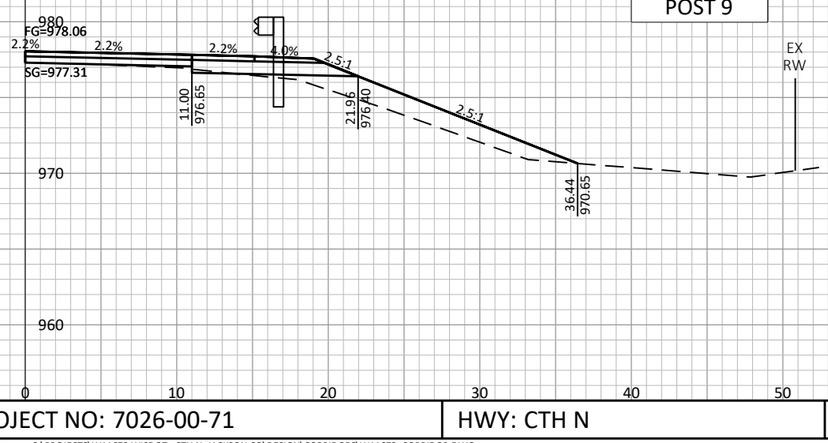
267+26



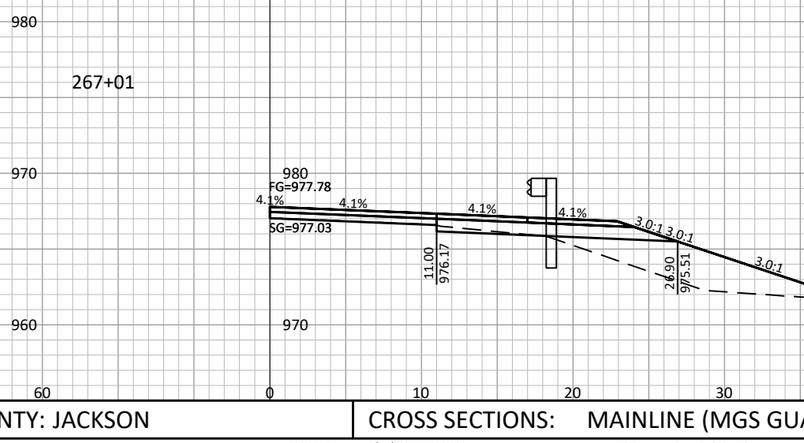
END TAPER

268+89

POST 9



267+01



POST 1

267+51

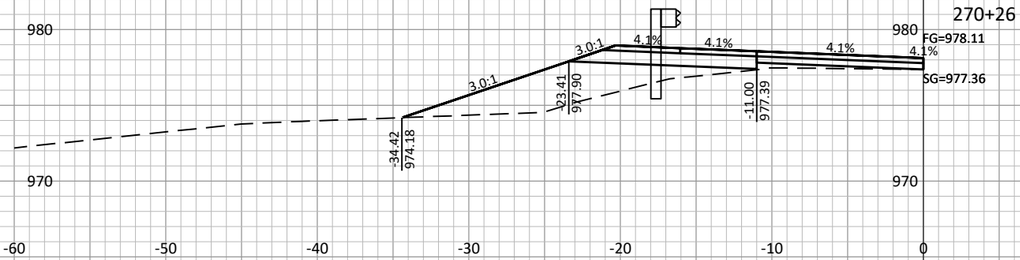
9

9

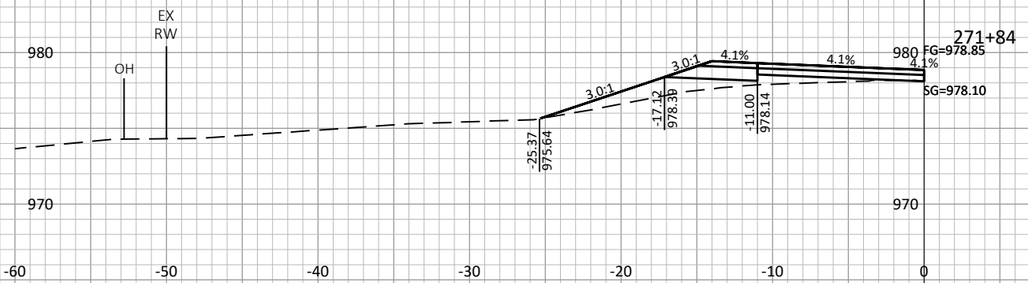
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 316	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/25/2024 11:33:28 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 152

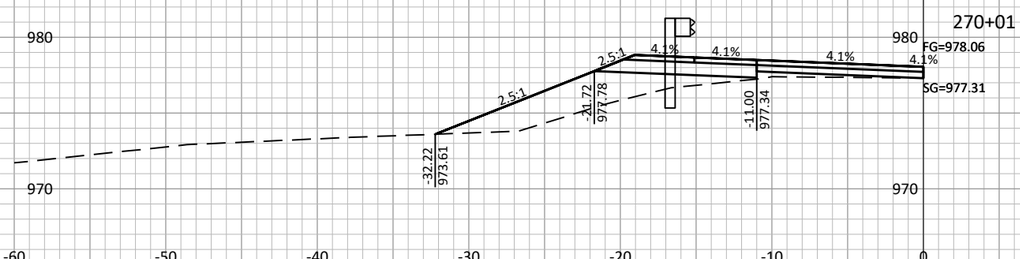
POST 5



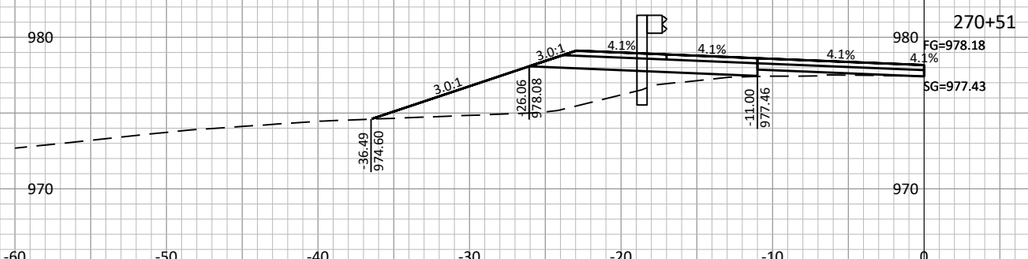
END TAPER



POST 9



POST 1

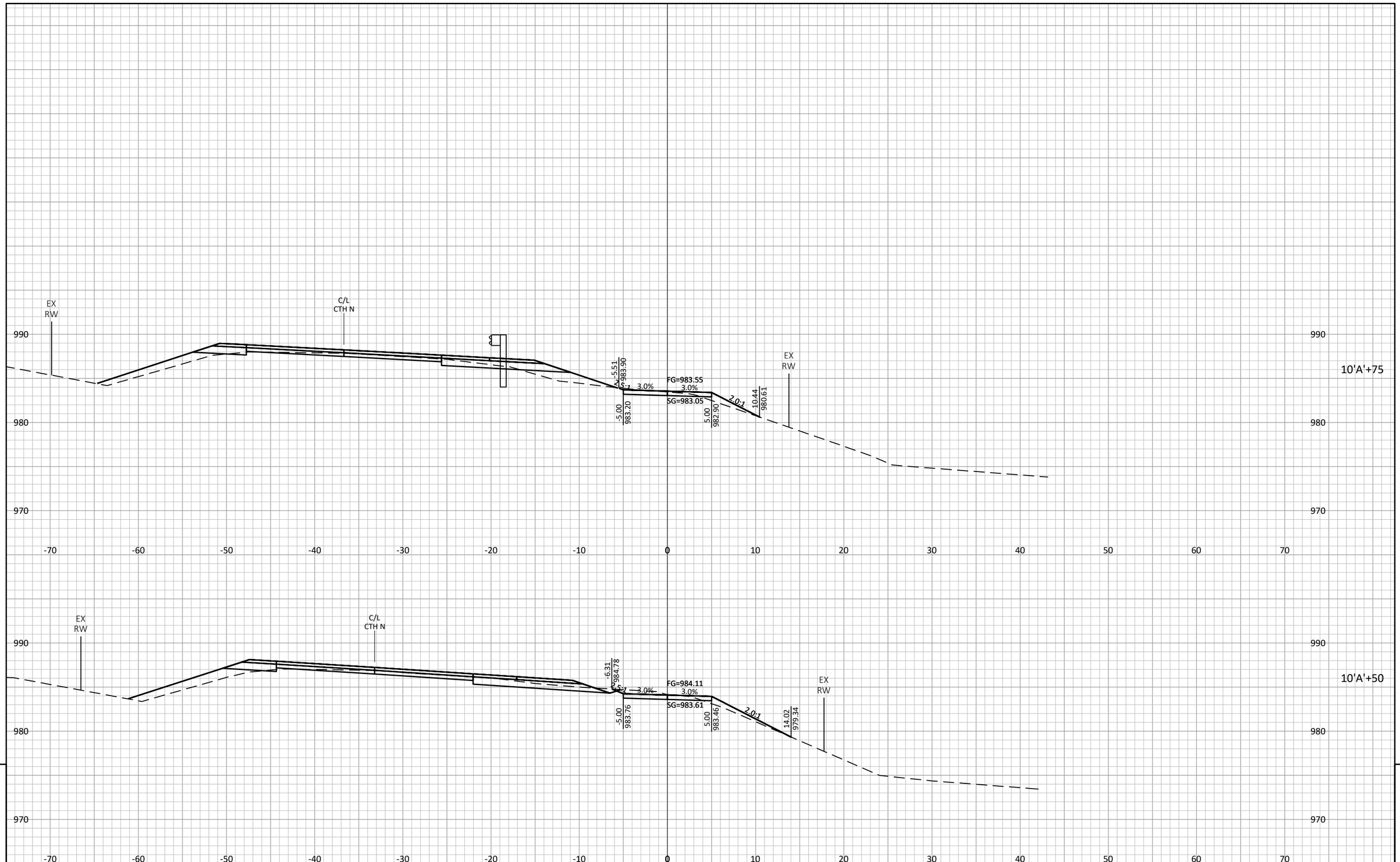


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: MAINLINE (MGS GUARDRAIL TERMINAL EAT)	SHEET 317	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/25/2024 11:33:45 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 162



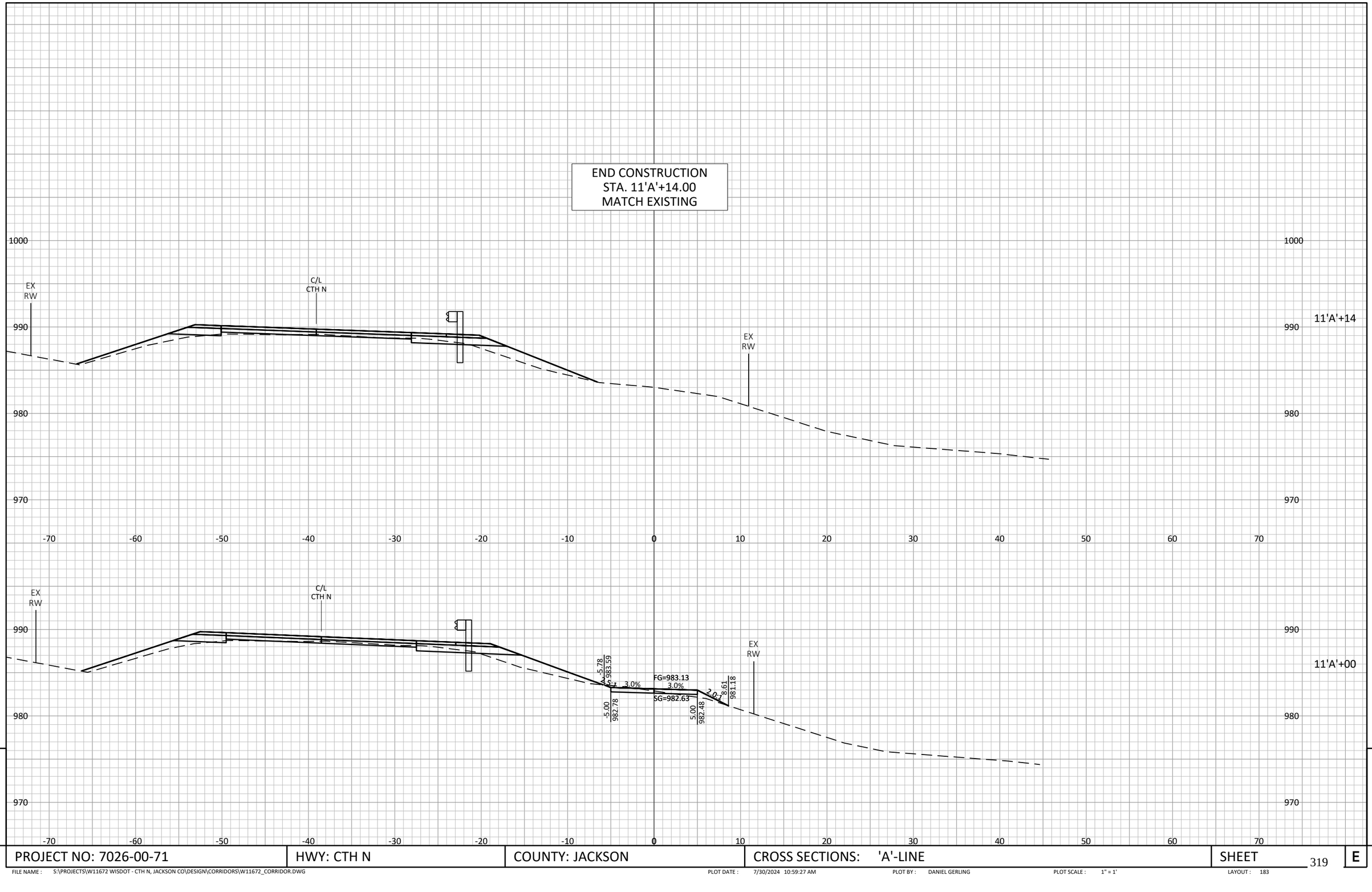
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: 'A'-LINE	SHEET 318	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/30/2024 10:59:09 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 182

END CONSTRUCTION
STA. 11'A'+14.00
MATCH EXISTING

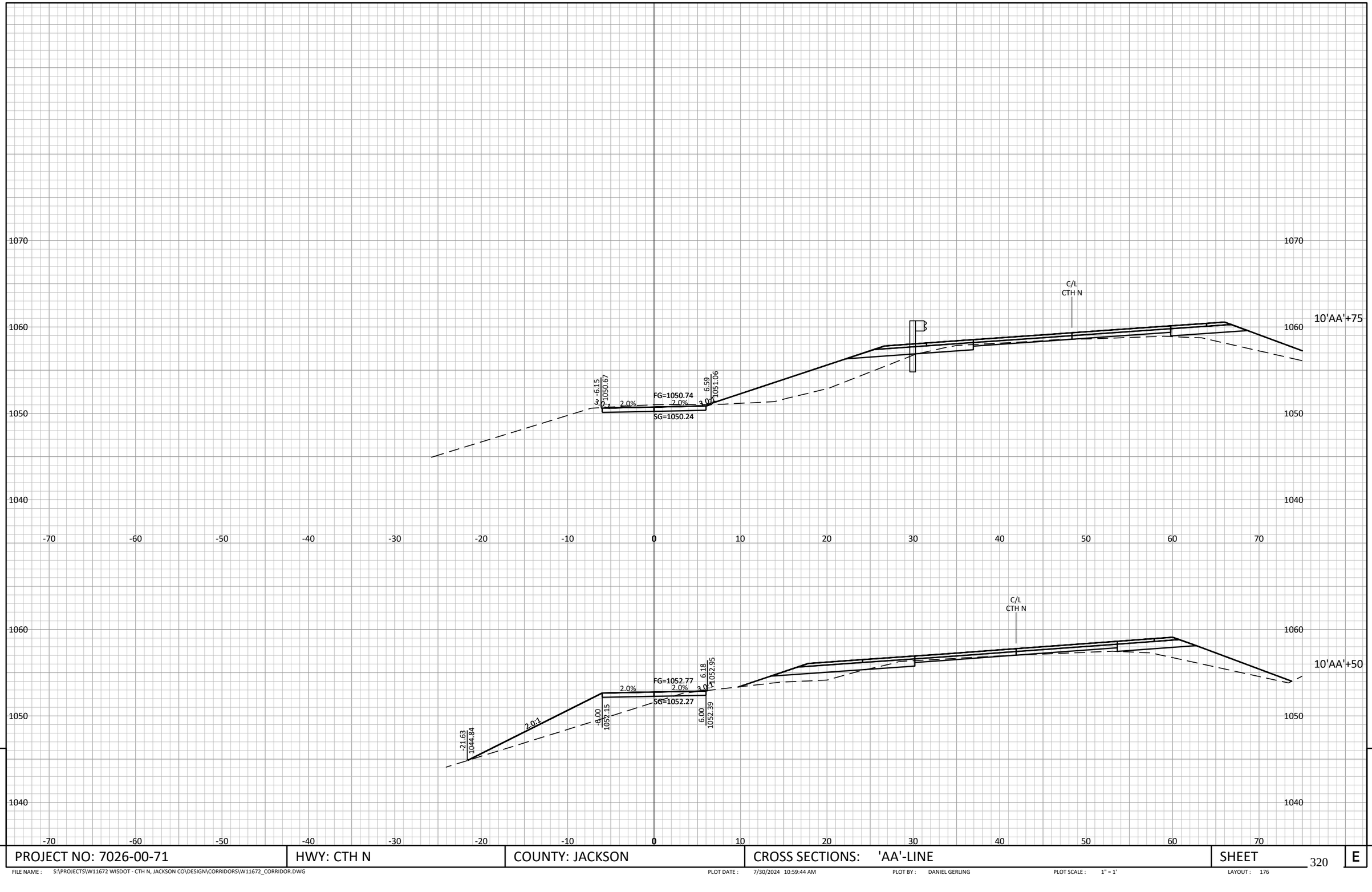


9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: 'A'-LINE	SHEET 319	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/30/2024 10:59:27 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 183



9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: 'AA'-LINE	SHEET 320	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/30/2024 10:59:44 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 176

END CONSTRUCTION
STA. 11'AA'+18.91
MATCH EXISTING

EX
RW

C/L
CTH N

11'AA'+19

1070
1060
1050
1040

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

EX
RW

8.19
1048.59

4.0:1

2.0%

FG=1049.26

SG=1048.76

2.0%

3.0%

6.33
1049.49

6.00
1048.64

6.00
1048.88

C/L
CTH N

11'AA'+00

9

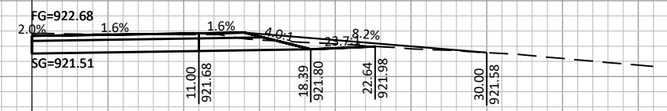
9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: 'AA'-LINE	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/30/2024 11:00:02 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 177

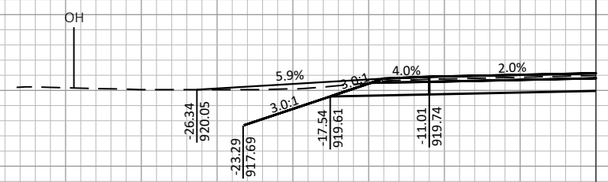
10+77

STA. 10+77, RT.
CONSTRUCT F.E. (B.A.D.)



9+29

STA. 9+29, LT.
CONSTRUCT F.E. (B.A.D.)



6+00

STA. 6+00, LT.
CONSTRUCT F.E. (B.A.D.)



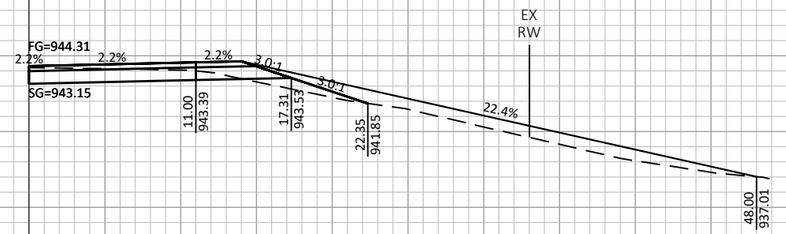
9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 322	E

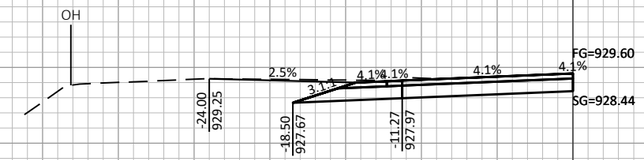
FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:34:14 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 163

STA. 28+49, RT.
CONSTRUCT F.E. (B.A.D.)



28+49

STA. 18+11, LT.
CONSTRUCT F.E. (B.A.D.)



18+11

STA. 12+93, RT.
CONSTRUCT P.E. (ASPHALT)



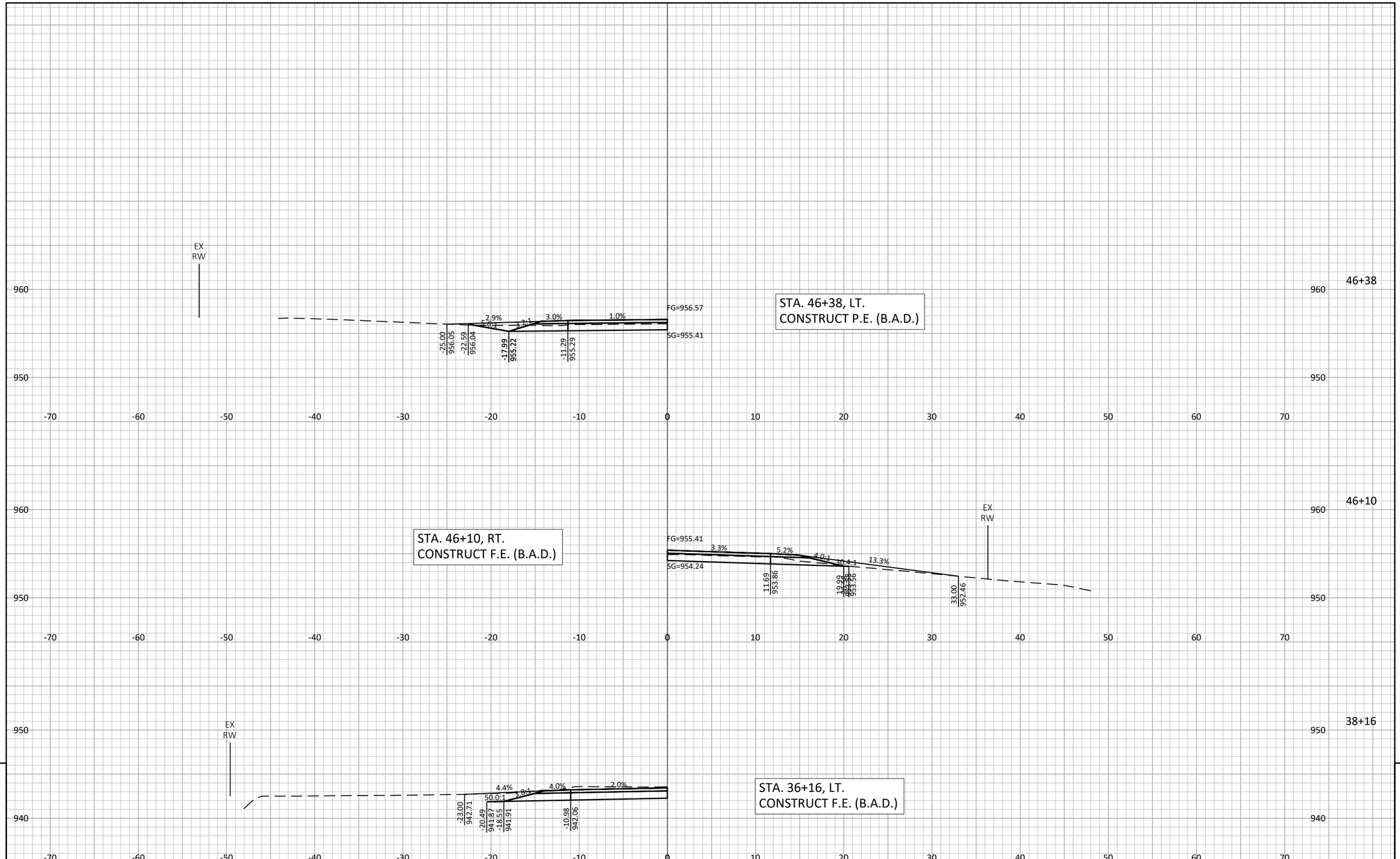
12+93

9

9

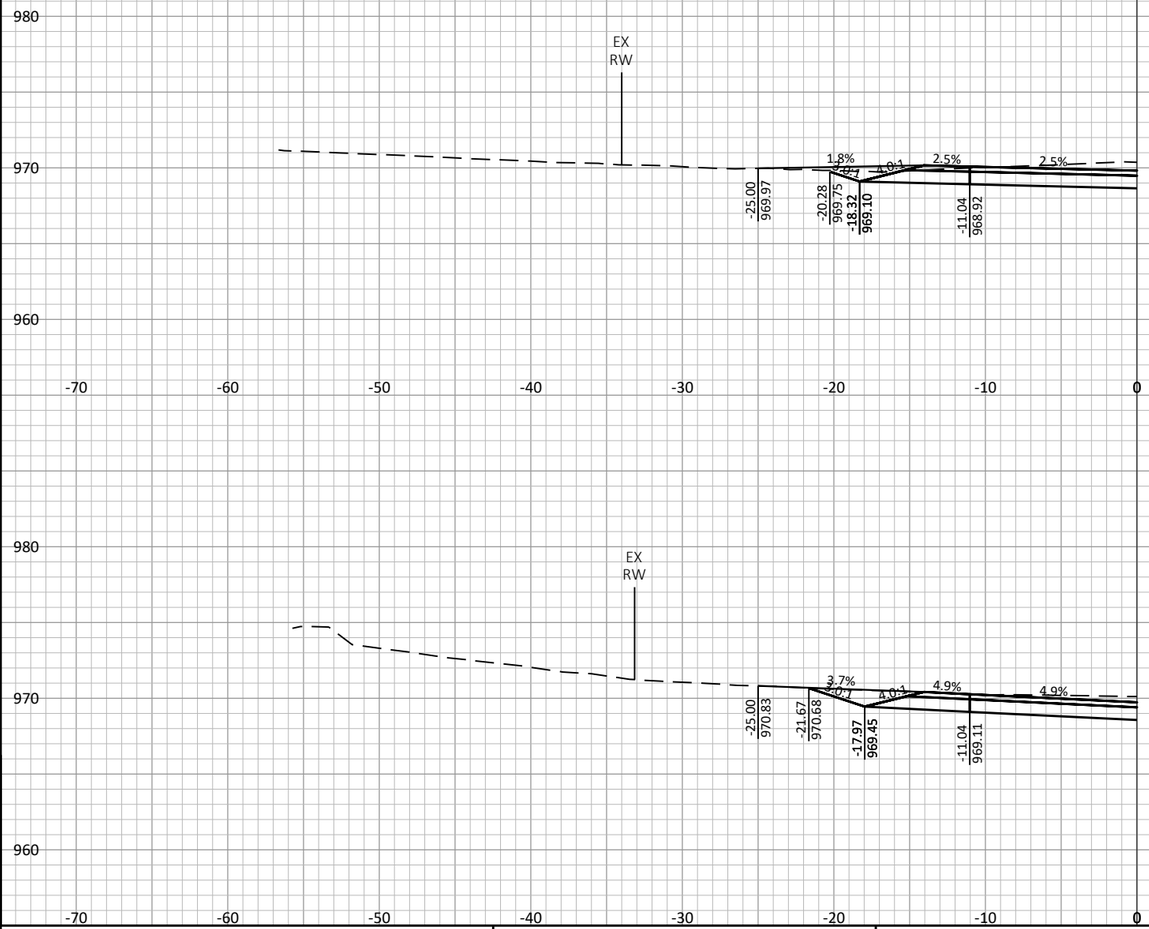
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 323	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:34:30 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 164



PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 324	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:34:48 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 165



STA. 57+59, LT.
CONSTRUCT P.E. (B.A.D.)

57+59

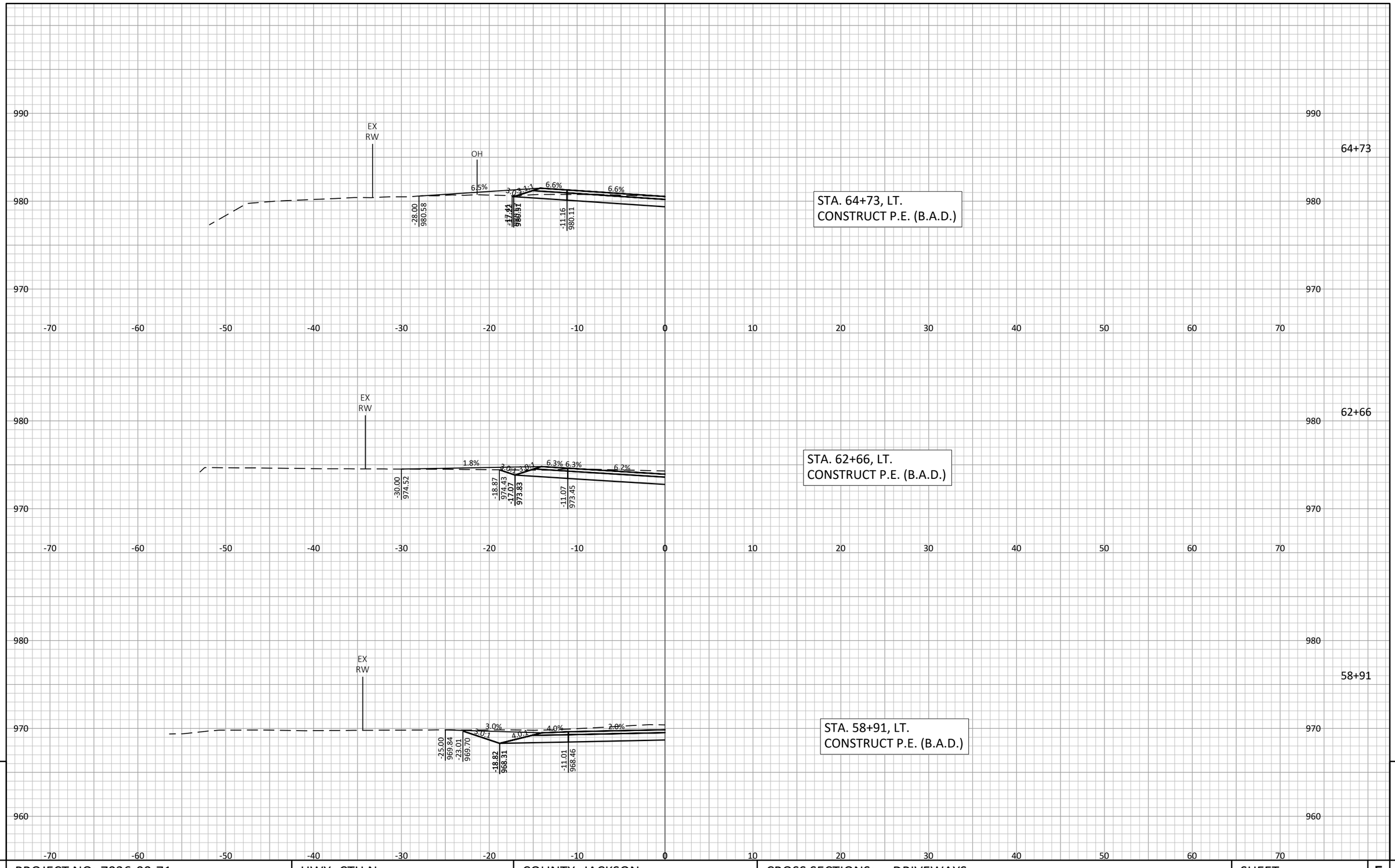
STA. 55+11, LT.
CONSTRUCT P.E. (B.A.D.)

55+11

9

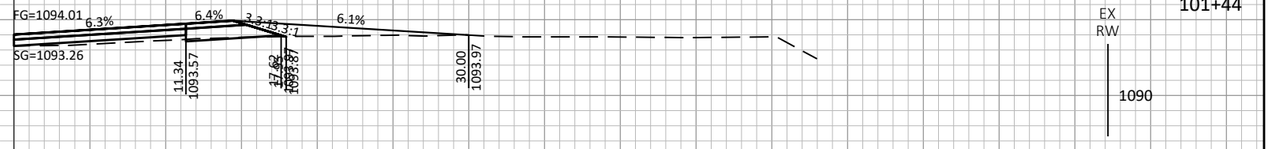
9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 325	E

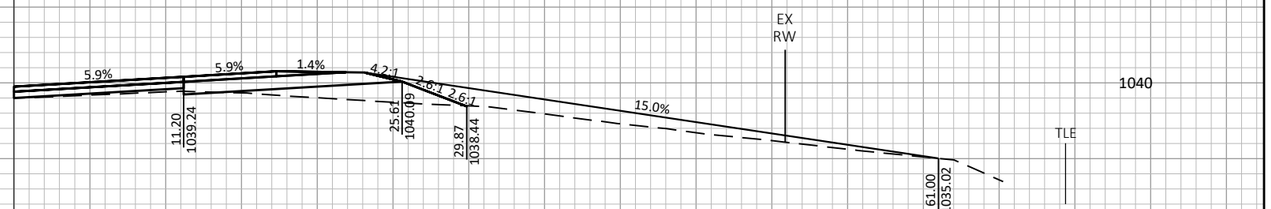


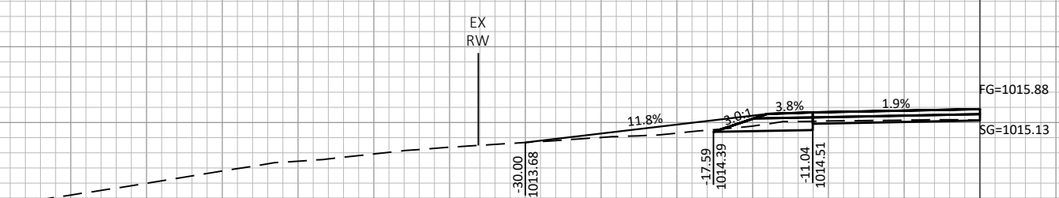
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 326 E

STA. 101+44, RT.
CONSTRUCT F.E. (B.A.D.)



STA. 92+13, RT.
CONSTRUCT F.E. (B.A.D.)





STA. 83+22, LT.
CONSTRUCT P.E. (B.A.D.)

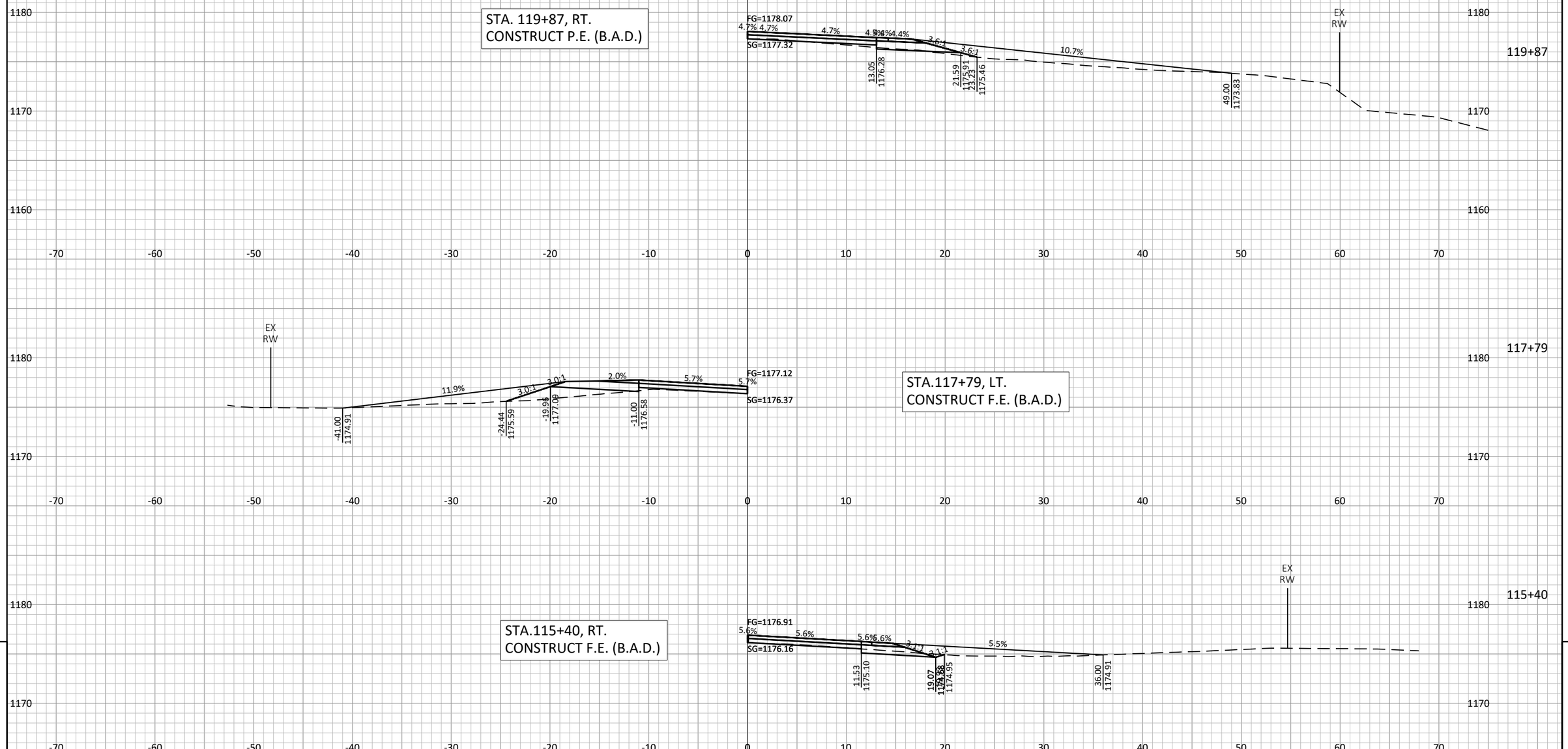
83+22

9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 327	E

STA. 119+87, RT.
CONSTRUCT P.E. (B.A.D.)



STA.117+79, LT.
CONSTRUCT F.E. (B.A.D.)

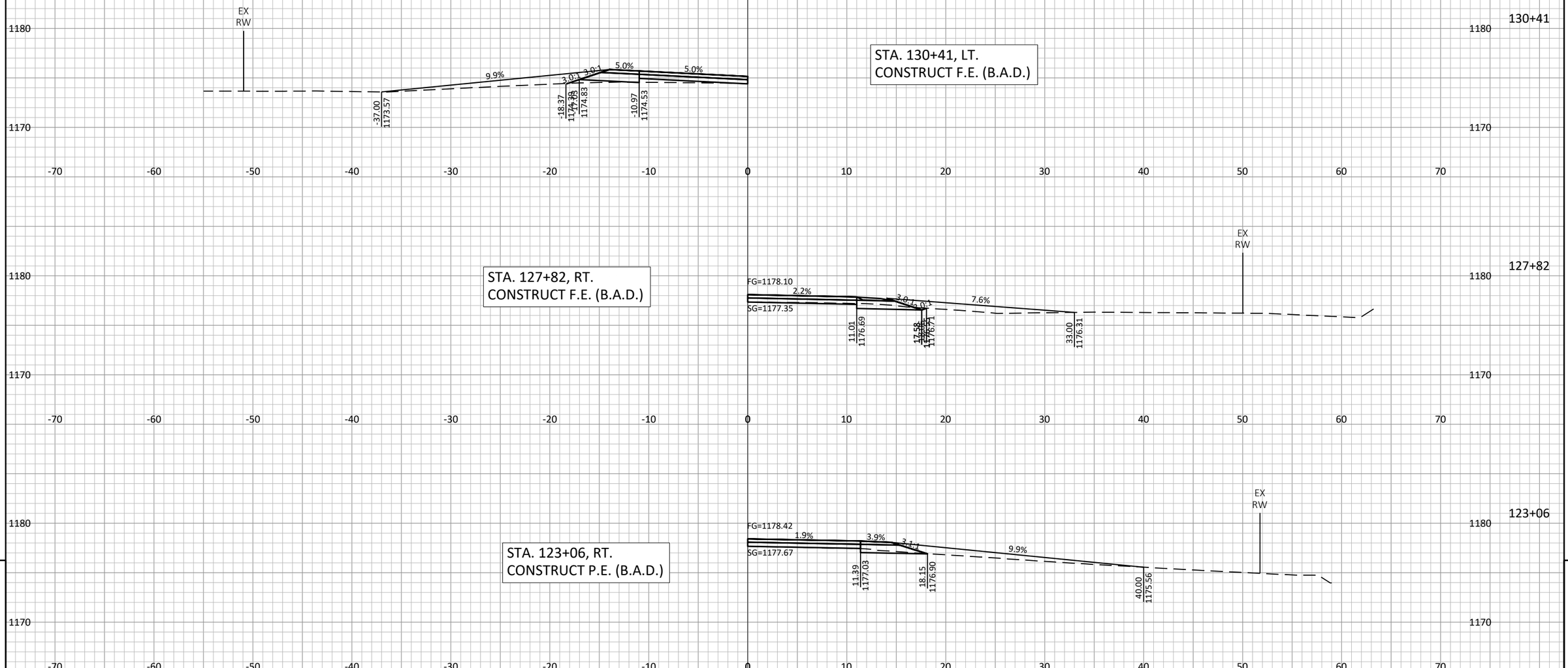
STA.115+40, RT.
CONSTRUCT F.E. (B.A.D.)

9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 328	E

STA. 130+41, LT.
CONSTRUCT F.E. (B.A.D.)



STA. 127+82, RT.
CONSTRUCT F.E. (B.A.D.)

STA. 123+06, RT.
CONSTRUCT P.E. (B.A.D.)

9

9

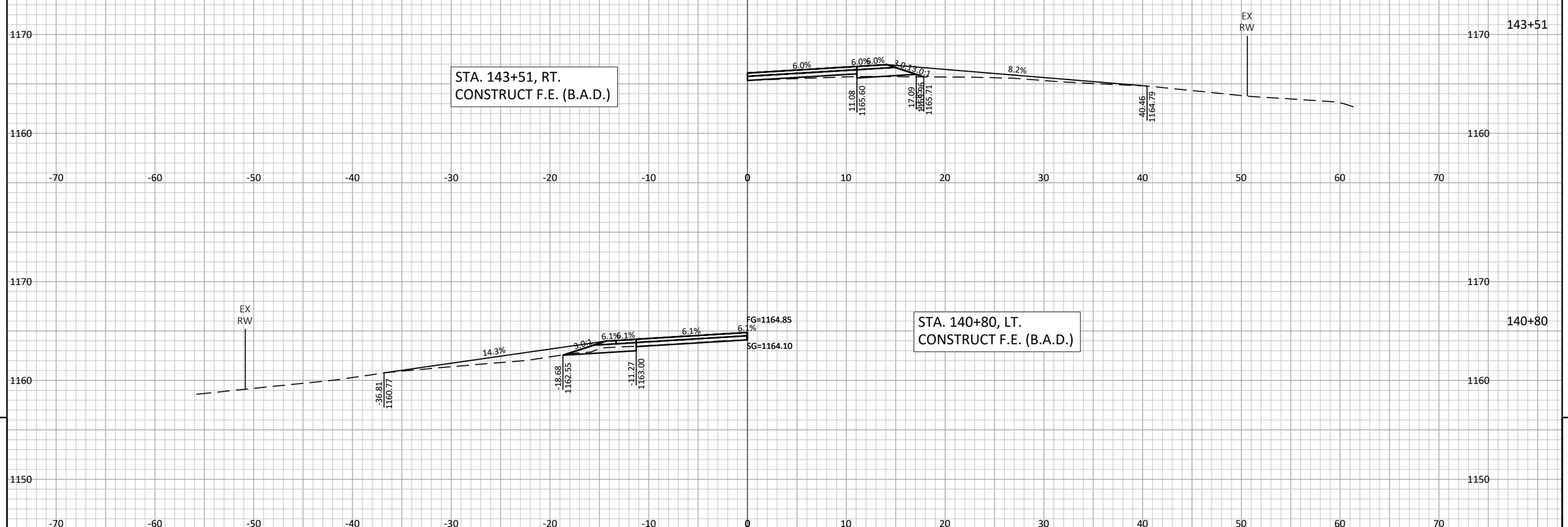
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 329	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG PLOT DATE : 7/24/2024 8:36:13 AM PLOT BY : DANIEL GERLING PLOT SCALE : 1" = 1' LAYOUT : 170

STA. 150+05, RT.
CONSTRUCT F.E. (B.A.D.)



STA. 143+51, RT.
CONSTRUCT F.E. (B.A.D.)



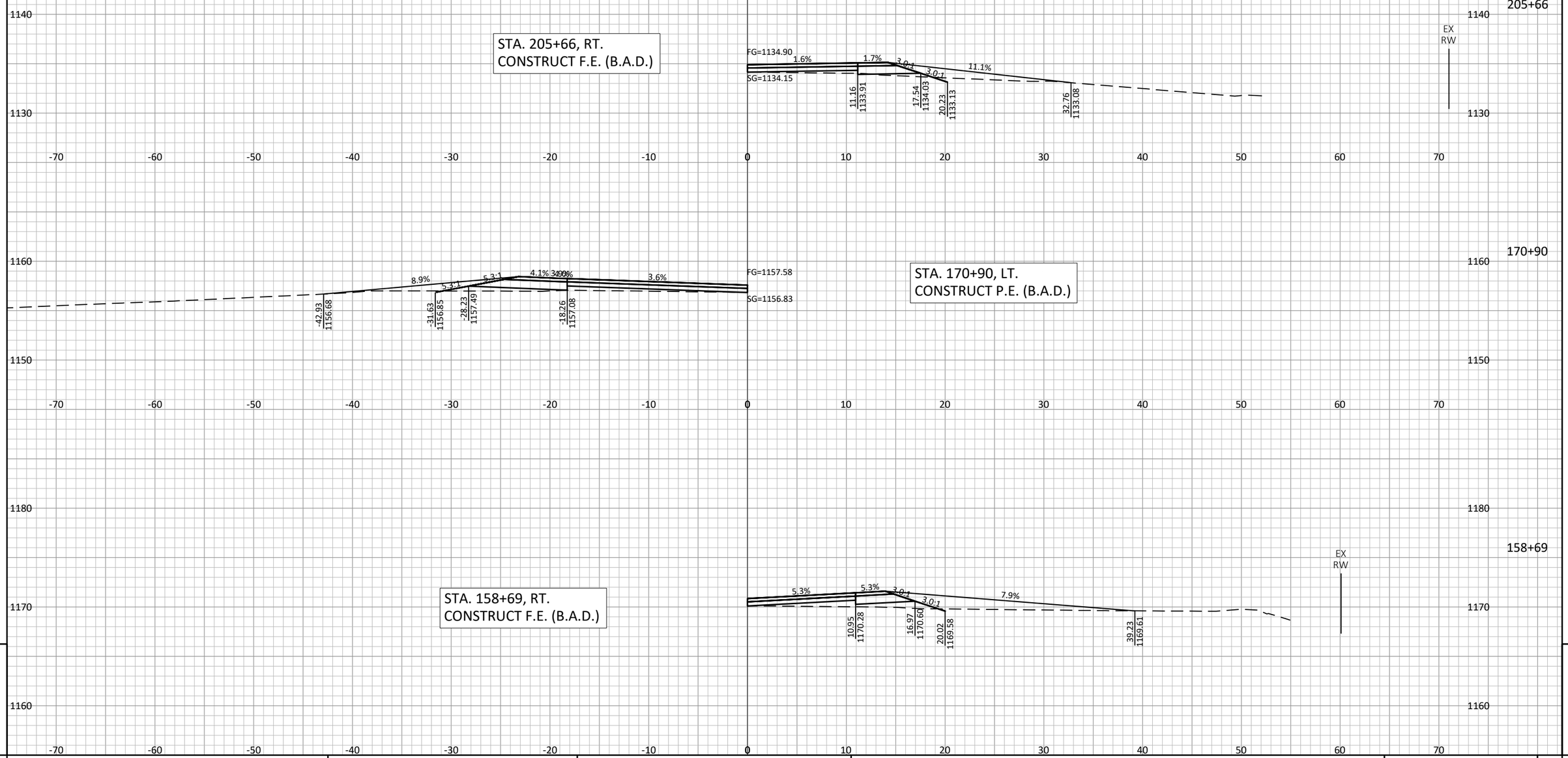
STA. 140+80, LT.
CONSTRUCT F.E. (B.A.D.)

9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 330	E

STA. 205+66, RT.
CONSTRUCT F.E. (B.A.D.)



STA. 170+90, LT.
CONSTRUCT P.E. (B.A.D.)

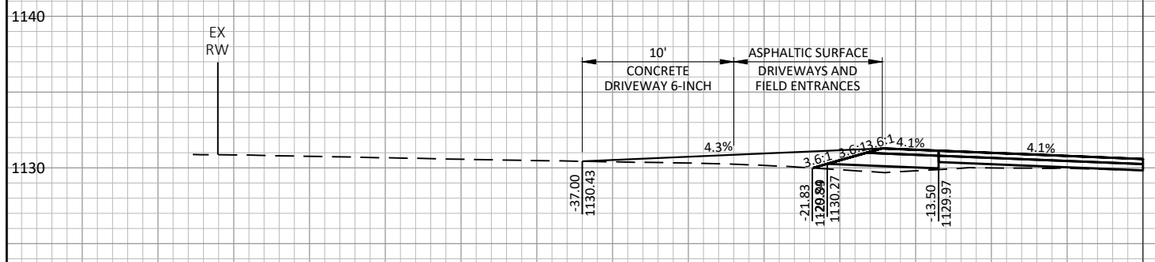
STA. 158+69, RT.
CONSTRUCT F.E. (B.A.D.)

9

9

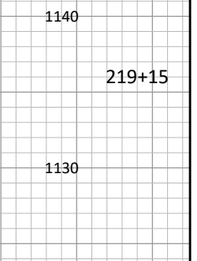
PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:36:47 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 172



STA. 214+89, RT.
CONSTRUCT F.E. (B.A.D.)

STA. 219+15, LT.
CONSTRUCT P.E.
(CONCRETE/ASPHALT)

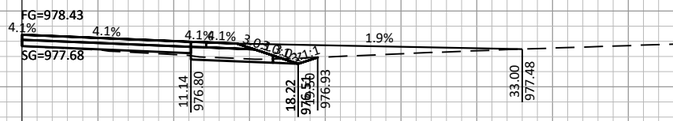


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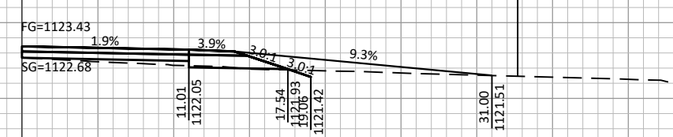
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PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 332	E

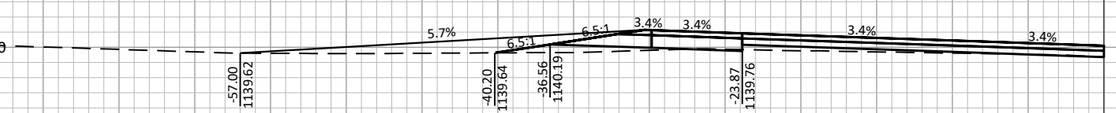
STA. 270+94, RT.
CONSTRUCT P.E. (B.A.D.)



STA. 234+09, RT.
CONSTRUCT P.E. (B.A.D.)



STA. 224+74, LT.
CONSTRUCT F.E. (B.A.D.)



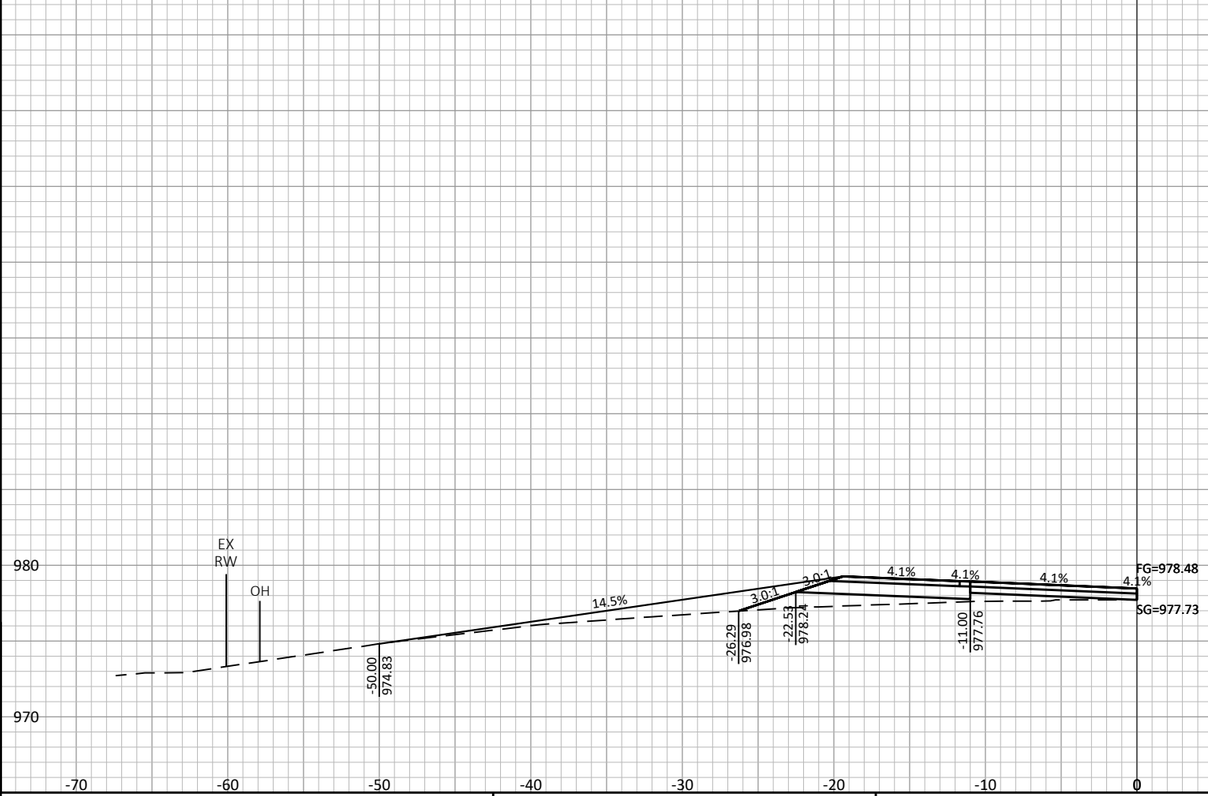
270+94

234+09

224+74

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 333	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:37:21 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 174



STA. 271+03, LT.
CONSTRUCT P.E. (B.A.D.)

271+03
980
970

9

9

PROJECT NO: 7026-00-71	HWY: CTH N	COUNTY: JACKSON	CROSS SECTIONS: DRIVEWAYS	SHEET 334	E

FILE NAME : S:\PROJECTS\W11672 WISDOT - CTH N, JACKSON CO\DESIGN\CORRIDORS\W11672_CORRIDOR.DWG
PLOT DATE : 7/24/2024 8:37:38 AM
PLOT BY : DANIEL GERLING
PLOT SCALE : 1" = 1'
LAYOUT : 175

Notes

Wisconsin Department of Transportation

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