

08-04-2023 LETTING ITEM 066

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-SP	MASON	167	1
		ILLINOIS	CONTRACT NO. 93806	

SEE SHEET 2 FOR INDEX OF SHEETS AND LIST OF ILLINOIS DOT HIGHWAY STANDARDS

PLANS FOR PROPOSED HIGHWAY SAFETY IMPROVEMENT PROJECT

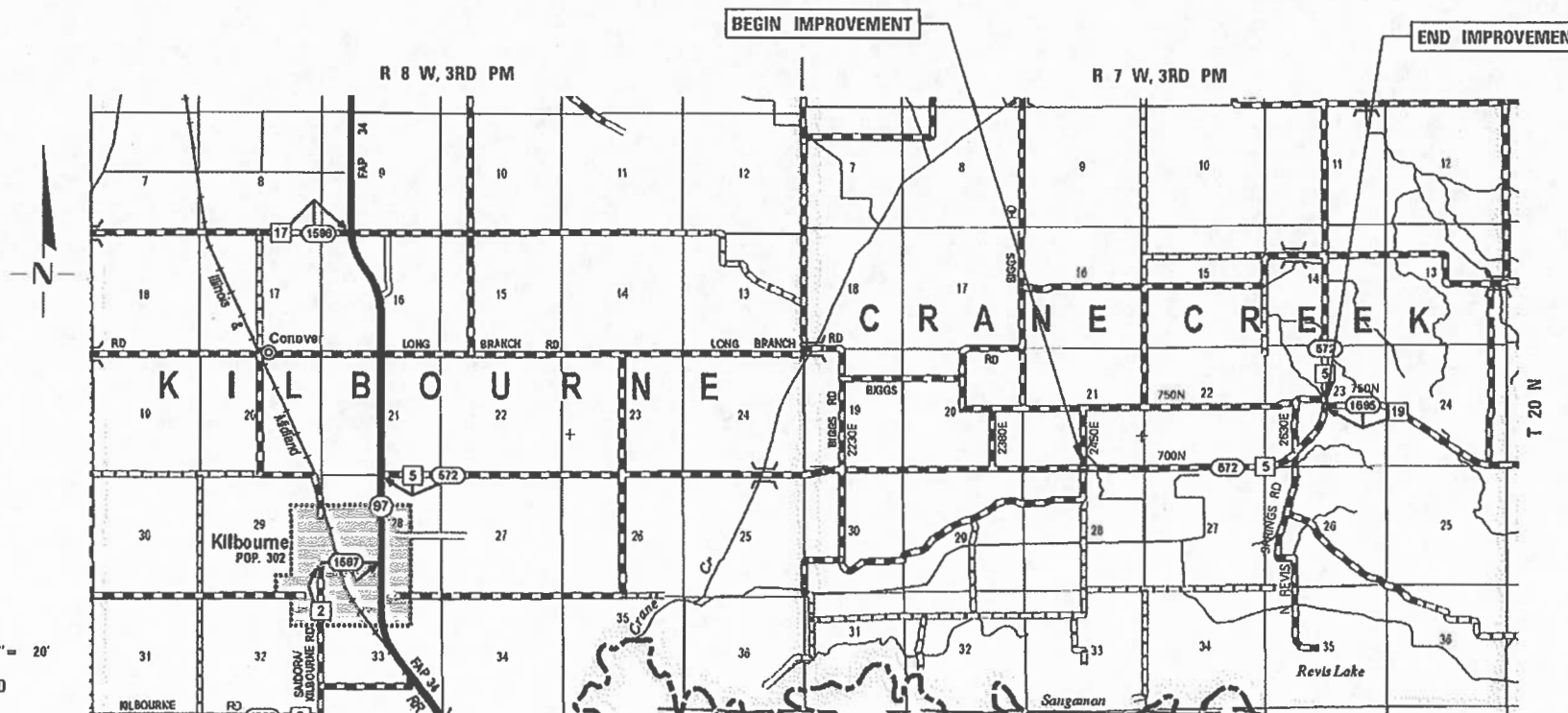
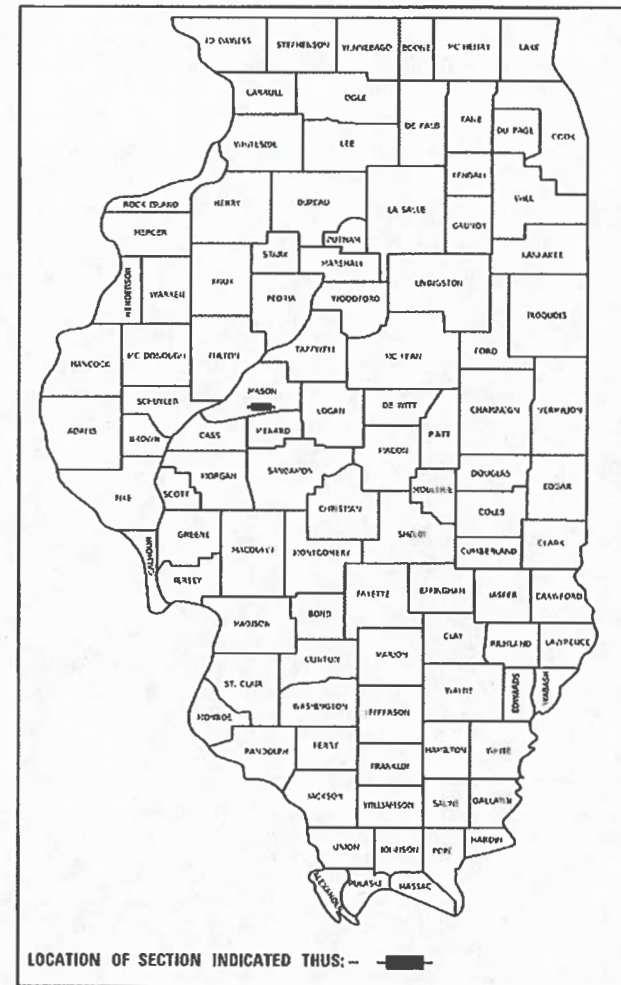
FAS 572 (CH 5)
SECTION 22-00069-00-SP
PROJECT ZEX2(501)
MASON COUNTY
C-96-071-23

UTILITY CONTACTS:

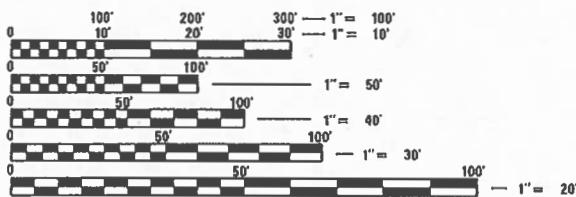
UTILITY TYPE:
TELEPHONE /CABLE
CASS CO TELEPHONE & CABLE
ATT: CHRIS PARLIER
PHONE: (217) 452-3022

UTILITY TYPE:
TELEPHONE
FRONTIER COMMUNICATIONS
ATT: KALIN HINSHAW
PHONE: (815) 895-1515

UTILITY TYPE:
ELECTRIC
MENARD ELECTRIC COOP
ATT: BRADY SMITH
PHONE: (217) 632-7746



LOCATION MAP



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811



FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED 30 MPH
CURRENT ADT= 250 (2019) FROM 2450E TO 2630E
300 (2019) FROM 2630E TO 750N



Kimberly S. Cummins 5/15/23

ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/23)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED May 15, 2023
Wendell R. Pugh
MASON COUNTY ENGINEER

PASSED May 30, 2023
Kevin Waples
DISTRICT SIX ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW May 30, 2023
John Myers
REGION FOUR ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>TITLE</u>
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	SCHEDULES OF QUANTITIES
6-11	ALIGNMENT, BENCHMARKS, AND CROSS TIES
12-20	PLAN SHEETS (ENTIRE CORRIDOR)
21-32	PLAN SHEETS (GUARDRAIL LOCATIONS)
33	RETAINING WALL, SPECIAL DETAIL
34-167	CROSS SECTIONS

GENERAL NOTES

- NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
- ANY NECESSARY TRAFFIC CONTROL WILL BE PROVIDED BY THE CONTRACTOR. APPROPRIATE STANDARDS ARE INCLUDED IN THE PLANS AND CONTRACT DOCUMENTS.
- ILLINOIS STATE LAW REQUIRES 48 HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (PHONE 800-892-0123) OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY.
- WHEN NO WORK IS BEING PERFORMED, THE FLAGGERS WILL NOT BE REQUIRED. IF THE FLAGGERS ARE NOT PRESENT, THE FLAGGERS SIGNS SHALL BE REMOVED OR COVERED.
- ARTICLE 701.20 OF THE STANDARD SPECIFICATIONS DISCUSSES AN ADJUSTED UNIT PRICE. NO ADJUSTMENTS SHALL BE MADE TO THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS FOR THIS CONTRACT.
- ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE REVISION NUMBER SHOWN IN THE LIST OF ILLINOIS DOT HIGHWAY STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- AGGREGATE SHOULDERS (SPECIAL) AS SHOWN, IS FOR CONSTRUCTING THE PROPOSED SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS AND FOR SHOULDER WIDENING ALONG STEEL PLATE BEAM GUARDRAIL AS NEEDED. SHOULDER WIDENING AT TYPE 1 (SPECIAL) TERMINALS SHALL BE AS SHOWN ON STANDARD 630301. SHOULDER WIDENING AT STEEL PLATE BEAM GUARDRAIL TYPE A, NINE FOOT POSTS WILL BE TO THE FACE OF THE POST AS SHOWN ON STANDARD 630001.
- ALL ELEVATIONS REFER TO THE NAVD88 VERTICAL DATUM UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. THE LOCATIONS OF ALL UTILITIES ARE BASED ON INFORMATION PROVIDED BY OTHERS AND ARE INTENDED TO BE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS. ALL UTILITIES AND PRIVATELY OWNED STREET LIGHTS AND SIGNS THAT REQUIRED RELOCATION SHALL BE MOVED BY OTHERS.
- ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED DURING CONSTRUCTION ACTIVITIES.
- A SEQUENCE OF OPERATIONS HAS BEEN PROVIDED IN THE SPECIAL PROVISIONS.

APPLICATION RATES USED IN QUANTITY CALCULATIONS

GRANULAR MATERIALS ----- 2.05 TON/CU YD
 RIPRAP ----- 1.5 TONS/CU YD

COMMITMENTS

NONE AT THIS TIME

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS = 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS



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PLOT DATE = 2/22/2023	DATE - 12/01/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

**INDEX OF SHEETS, HIGHWAY STANDARDS,
 GENERAL NOTES, AND ENTRANCE DETAILS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-SP	MASON	167	2
CONTRACT NO. 93806				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
#	20200100	EARTH EXCAVATION	CU YD	1,155
	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	5,962.5
	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	41
	67100100	MOBILIZATION	L SUM	1
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	41
	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	95
#	X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	527
#	X4811900	AGGREGATE SHOULDERS (SPECIAL)	TON	3,280
	XZ127902	RETAINING WALL, SPECIAL	SQ FT	3,275
#	Z0027800	GEOTECHNICAL FABRIC	SQ YD	1,456
*	Z0076600	TRAINESS	HOUR	500
*	Z0076604	TRAINESS TRAINING PROGRAM GRADUATE	HOUR	500

SPECIALTY ITEM *0042



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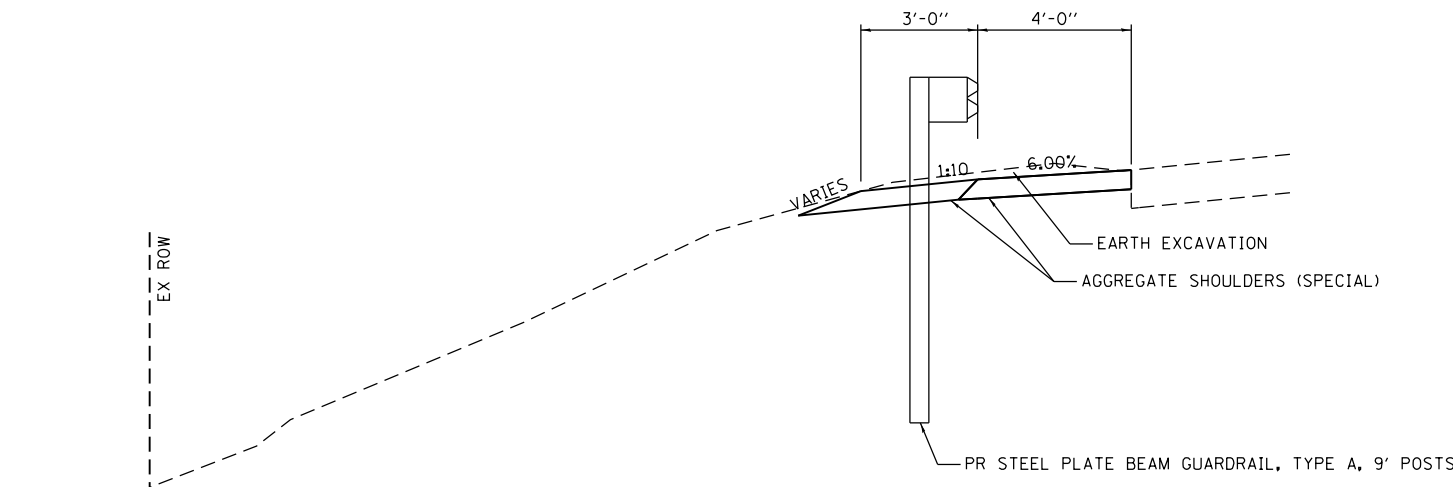
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**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

SUMMARY OF QUANTITIES

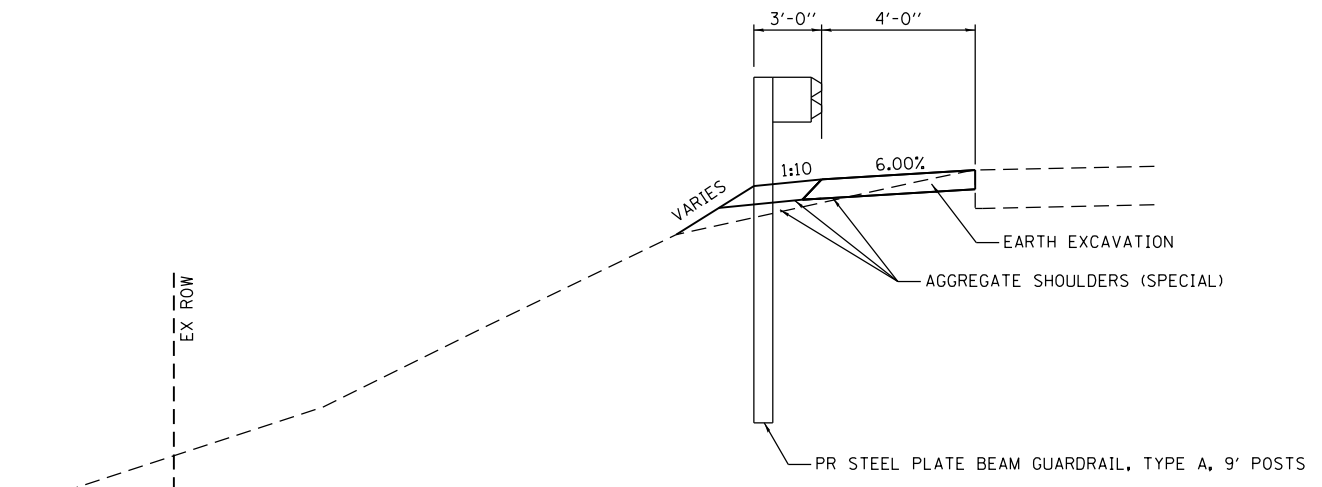
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 93806	



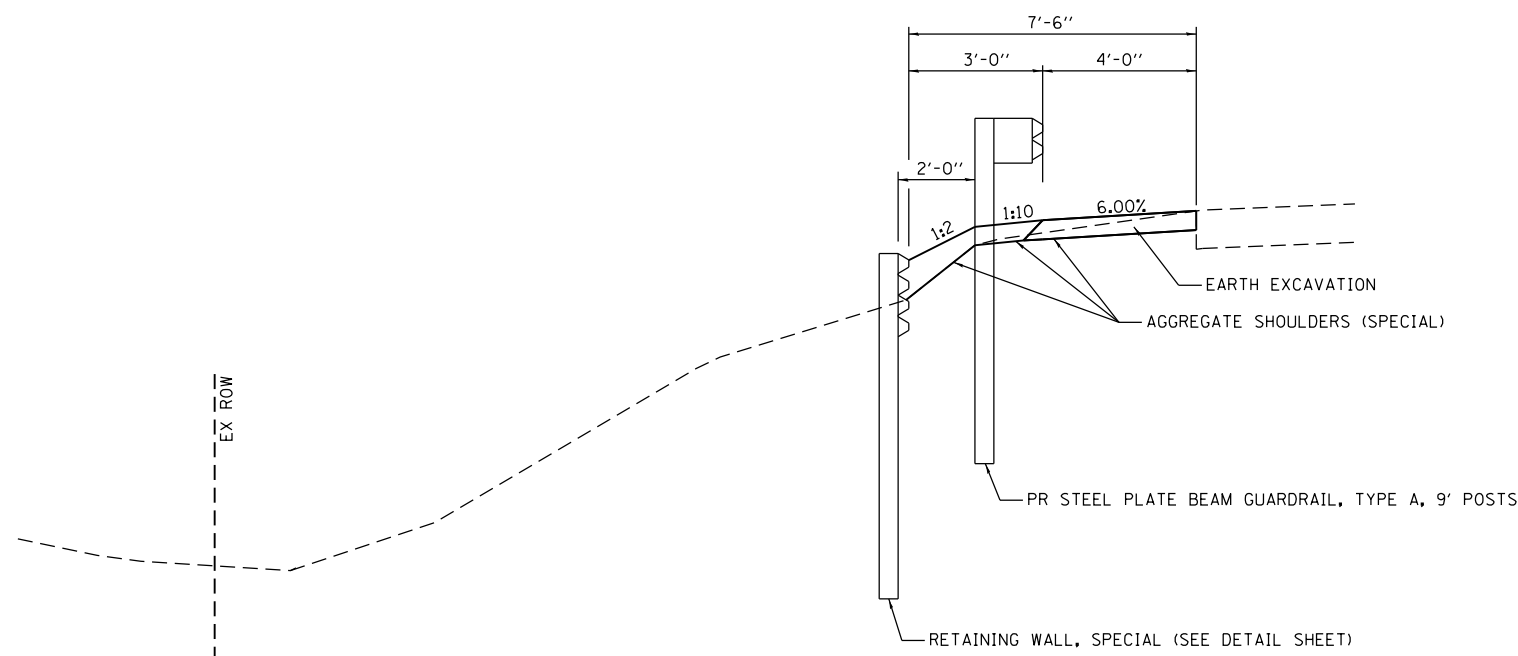
PROPOSED TYPICAL SECTION

- LOCATION 1 (LT & RT)
- LOCATION 2 (LT & RT)
- LOCATION 3 (LT & RT)
- LOCATION 4 (LT & RT)
- LOCATION 5 (LT & RT)
- LOCATION 7 (RT)
- LOCATION 8 (LT & RT)
- LOCATION 9 (LT)
- LOCATION 11 (LT & RT)



PROPOSED TYPICAL SECTION

- LOCATION 3 (RT)
- LOCATION 5 (LT & RT)
- LOCATION 6 (LT & RT)
- LOCATION 7 (LT)
- LOCATION 10 (RT)



PROPOSED TYPICAL SECTION

- LOCATION 1 (RT)
- LOCATION 2 (LT & RT)
- LOCATION 3 (RT)
- LOCATION 7 (RT)
- LOCATION 10 (LT)
- LOCATION 11 (LT & RT)



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**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

TYPICAL SECTIONS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-SP	MASON	167	4
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 93806	

EARTHWORK

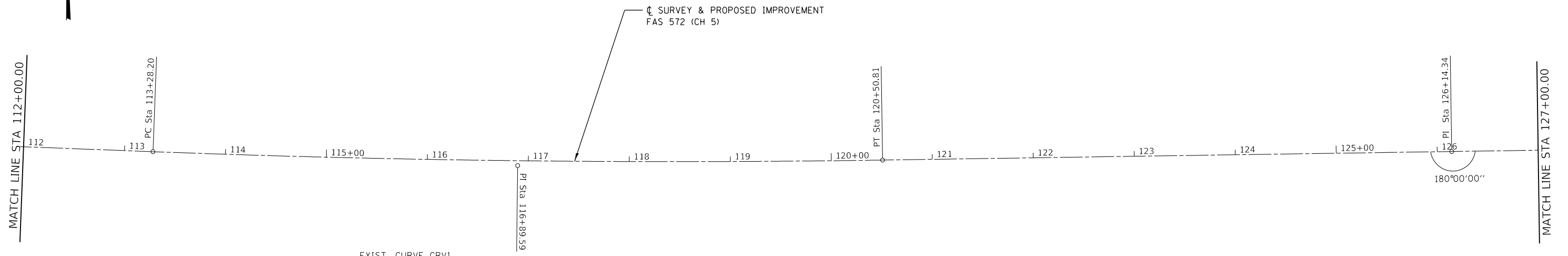
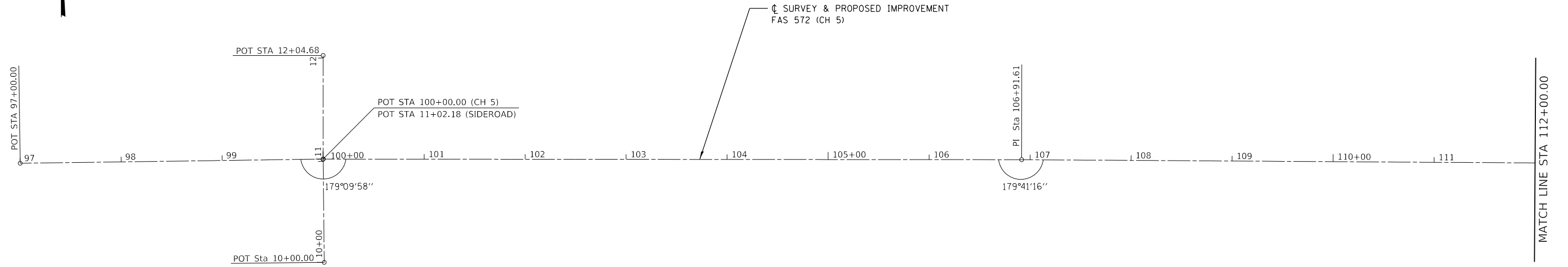
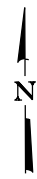
LOCATION	EARTH EXCAVATION
	CU YD
1	50
2	50
3	110
4	185
5	80
6	110
7	190
8	115
9	120
10	45
11	100
TOTAL	1,155

LOCATION NUMBER	QUADRANT (LEFT, RIGHT)	AGGREGATE SHOULDERS (SPECIAL)
		TON
1	LT & RT	320
2	LT & RT	320
3	LT & RT	255
4	LT & RT	330
5	LT & RT	165
6	LT & RT	390
7	LT & RT	635
8	LT & RT	220
9	LT	85
10	LT & RT	190
11	LT & RT	370
TOTAL		3,280

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)
		TON
3	RT	527
TOTAL		527

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	SPBGR, TY A, 9' POSTS	TBT TY 1 (SPECIAL) TANGENT	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
			50'		
			FOOT		
1	LT	100.0	2	4	2
	RT	237.5	2	4	2
2	LT	225.0	2	4	2
	RT	262.5	2	4	2
3	LT	262.5	2	4	2
	RT	312.5	2	4	2
4	LT	375.0	2	5	2
	RT	487.5	2	6	2
5	LT	75.0	2	4	2
	RT	137.5	2	4	2
6	LT	312.5	2	4	2
	RT	337.5	2	5	2
7	LT	350.0	2	5	2
	RT	1000.0	2	7	2
8	LT	125.0	2	4	2
	RT	187.5	2	4	2
9	LT	200.0	1	4	1
10	LT	25.0	2	4	2
	RT	125.0	2	4	2
11	LT	350.0	2	5	2
	RT	475.0	2	6	2
TOTAL		5,962.5	41	95	41

LOCATION NUMBER	QUADRANT (NE, SE, NW, SW, LEFT, RIGHT)	RETAINING WALL, SPECIAL	GEOTECHNICAL FABRIC
		SQ FT	SQ YD
1	RT	250	111.11
2	LT	500	222.22
	RT	550	244.44
3	RT	250	111.11
7	RT	525	233.33
10	LT	250	111.11
11	LT	550	244.44
	RT	275	122.22
	RT	125	55.56
TOTAL		3,275	1,455.56
USE		3,275	1,456



EXIST. CURVE CRV1
 PI STA. = 116+89.59
 Δ = 3° 02' 15" (LT)
 D = 0° 25' 13"
 R = 13,630.10'
 T = 361.39'
 L = 722.60'
 E = 4.79'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA. = 113+28.20
 P.T. STA. = 120+50.81

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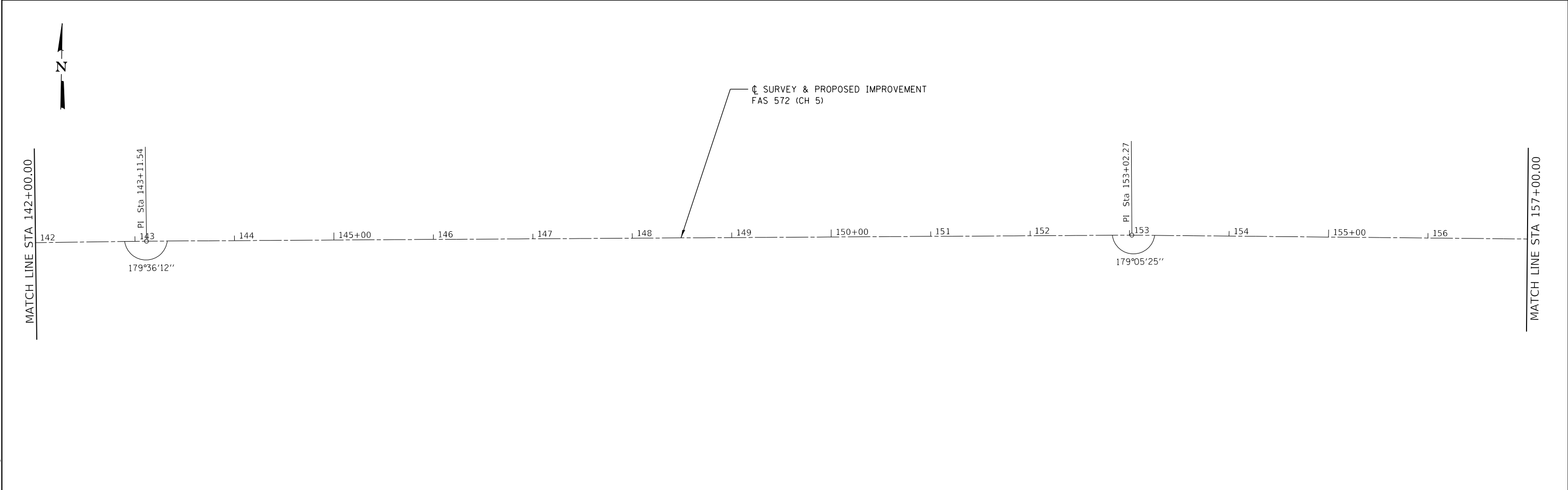
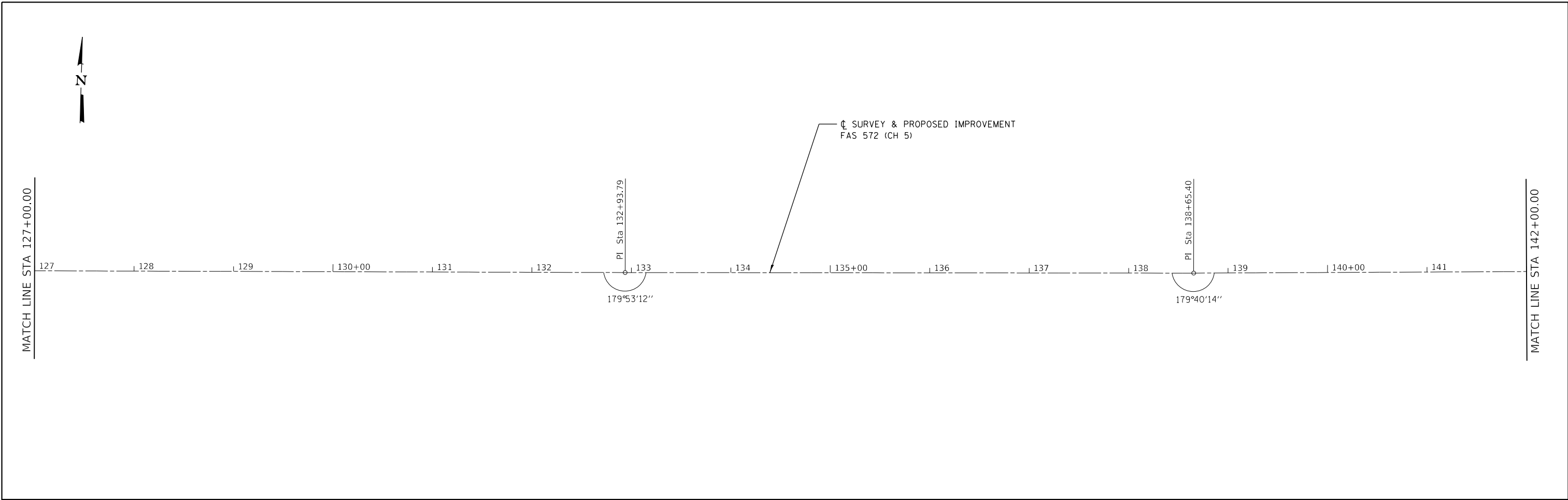
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**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	6
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



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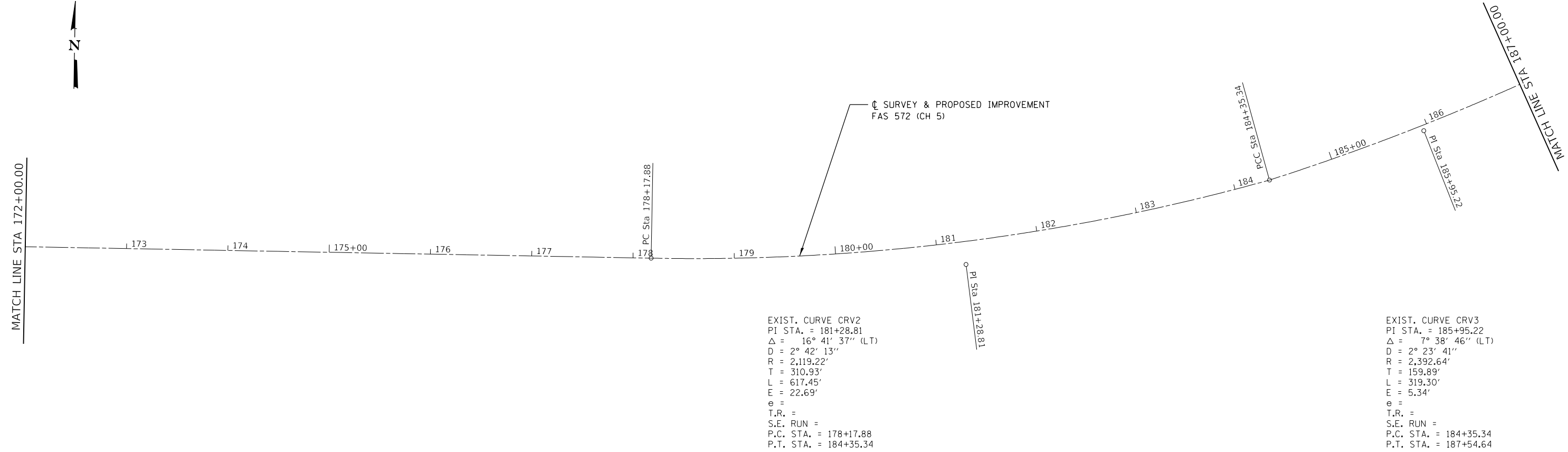
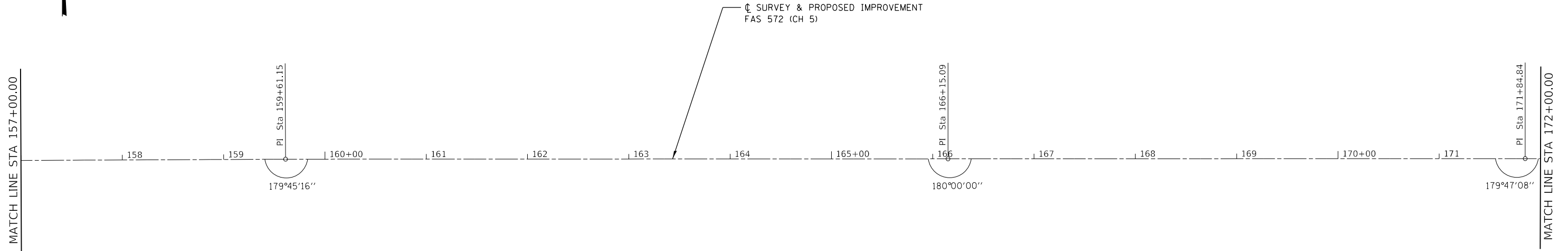
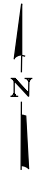
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**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	7
CONTRACT NO. 93806			ILLINOIS FED. AID PROJECT	



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PLOT DATE = 2/22/2023	DATE - 12/01/2022

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**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 8
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 187+00.00

PCC Sta 187+54.64

L 188

L 189

L 190+00

L 191

L 192

L 193

L 194

L 195+00

L 196

L 197

L 198

L 199

L 200+00

L 201

MATCH LINE STA 202+00.00

☐ SURVEY & PROPOSED IMPROVEMENT
FAS 572 (CH 5)

PT Sta 193+72.73

PI Sta 190+66.54

EXIST. CURVE CRV3
PI STA. = 185+95.22
Δ = 7° 38' 46" (LT)
D = 2° 23' 41"
R = 2,392.64'
T = 159.89'
L = 319.30'
E = 5.34'
e =
T.R. =
S.E. RUN =
P.C. STA. = 184+35.34
P.T. STA. = 187+54.64

EXIST. CURVE CRV4
PI STA. = 190+66.54
Δ = 18° 58' 44" (LT)
D = 3° 04' 14"
R = 1,865.98'
T = 311.91'
L = 618.10'
E = 25.89'
e =
T.R. =
S.E. RUN =
P.C. STA. = 187+54.64
P.T. STA. = 193+72.73

MATCH LINE STA 202+00.00

L 203

L 204

L 205+00

L 206

L 207

L 208

L 209

L 210+00

L 211

L 212

L 213

L 214

L 215+00

L 216

MATCH LINE STA 217+00.00

☐ SURVEY & PROPOSED IMPROVEMENT
FAS 572 (CH 5)

PC Sta 204+79.80

PCC Sta 210+15.54

PCC Sta 214+12.89

PI Sta 207+49.20

PI Sta 212+15.37

EXIST. CURVE CRV5
PI STA. = 207+49.20
Δ = 14° 57' 53" (LT)
D = 2° 47' 36"
R = 2,051.18'
T = 269.40'
L = 535.73'
E = 17.62'
e =
T.R. =
S.E. RUN =
P.C. STA. = 204+79.80
P.T. STA. = 210+15.54

EXIST. CURVE CRV6
PI STA. = 212+15.37
Δ = 15° 06' 50" (LT)
D = 3° 48' 13"
R = 1,506.32'
T = 199.84'
L = 397.35'
E = 13.20'
e =
T.R. =
S.E. RUN =
P.C. STA. = 210+15.54
P.T. STA. = 214+12.89

EXIST. CURVE CRV7
PI STA. = 216+93.68
Δ = 15° 39' 09" (LT)
D = 2° 48' 17"
R = 2,042.90'
T = 280.79'
L = 558.09'
E = 19.21'
e =
T.R. =
S.E. RUN =
P.C. STA. = 214+12.89
P.T. STA. = 219+70.98

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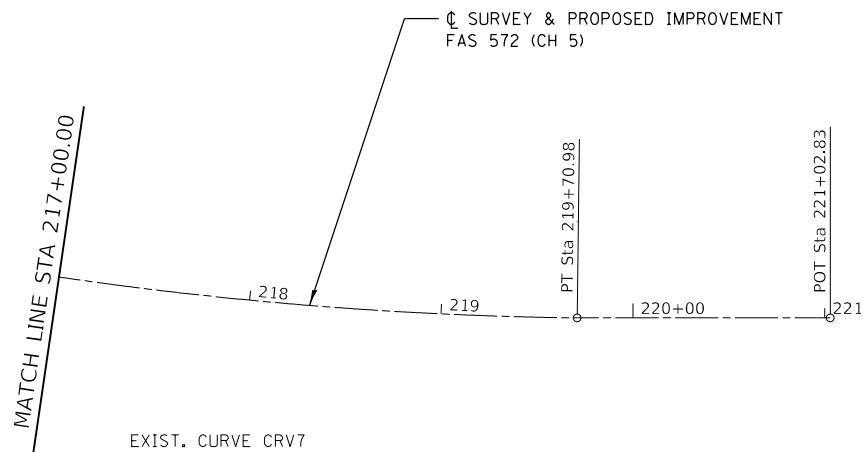
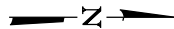
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DATE - 12/01/2022	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93806	

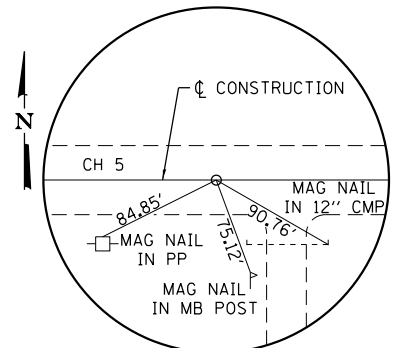


EXIST. CURVE CRV7
 PI STA. = 216+93.68
 Δ = 15° 39' 09" (LT)
 D = 2° 48' 17"
 R = 2,042.90'
 T = 280.79'
 L = 558.09'
 E = 19.21'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA. = 214+12.89
 P.T. STA. = 219+70.98

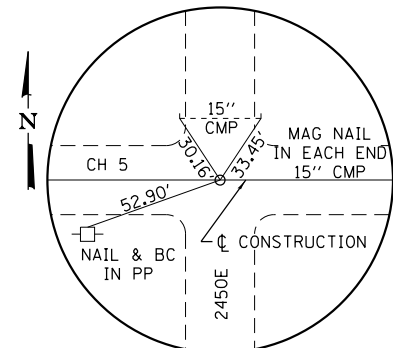
- BM#1 - SPIKE NAIL IN POWER POLE
 STA 106+79.6, 50.4' LT
 ELEV 526.97
- BM#2 - SPIKE NAIL IN POWER POLE
 STA 118+67.2, 49.4' RT
 ELEV 529.49
- BM#3 - SPIKE NAIL IN 28" • TREE
 STA 131+87.6, 49.7' LT
 ELEV 528.19
- BM#4 - SPIKE NAIL IN 22" • TREE
 STA 144+56.3, 28.2' RT
 ELEV 522.23
- BM#5 - SPIKE NAIL IN FENCE POST
 STA 157+93.2, 50.5' RT
 ELEV 552.23
- BM#6 - SPIKE NAIL IN FENCE POST
 STA 172+01.1, 62.5' LT
 ELEV 596.72
- BM#7 - SPIKE NAIL IN FENCE POST
 STA 185+76.1, 57.5' RT
 ELEV 617.29
- BM#8 - SPIKE NAIL IN POWER POLE
 STA 191+99.3, 51.6' LT
 ELEV 579.06
- BM#9 - SPIKE NAIL IN POWER POLE
 STA 197+78.1, 46.9' LT
 ELEV 576.62
- BM#10 - MAG NAIL IN GATE POST
 STA 210+51.0, 48.4' RT
 ELEV 631.34
- BM#11 - SPIKE NAIL IN POWER POLE
 STA 217+81.5, 48.9' LT
 ELEV 649.95
- BM#12 - NGS DISK IN CONCRETE ROW MARKER
 STA 219+73.0, 48.5' LT
 ELEV 646.25

CENTERLINE PROPOSED IMPROVEMENT

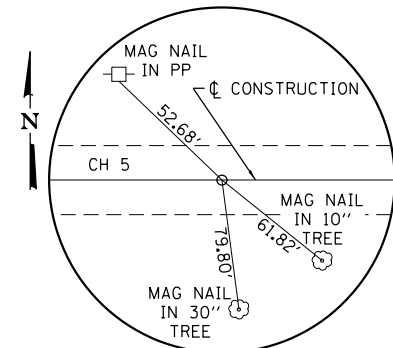
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
POT	97+00.00	1273616.94	2372173.15
PI	100+00.00	1273613.99	2372473.13
PI	106+91.61	1273597.12	2373164.54
PC	113+28.20	1273578.13	2373800.85
PI	116+89.59	1273567.35	2374162.07
PT	120+50.81	1273575.73	2374523.36
PI	126+14.34	1273588.79	2375086.75
PI	132+93.79	1273604.54	2375766.01
PI	138+65.40	1273618.92	2376337.44
PI	143+11.54	1273632.70	2376783.37
PI	153+02.27	1273656.46	2377773.81
PI	159+61.15	1273661.80	2378432.67
PI	166+15.09	1273664.30	2379086.60
PI	171+84.84	1273666.47	2379656.35
PC	178+17.88	1273666.52	2380289.40
PI	181+28.81	1273665.97	2380600.32
PCC	184+35.34	1273754.75	2380898.31
PI	185+95.22	1273806.24	2381049.68
PCC	187+54.64	1273877.41	2381192.85
PI	190+66.54	1274019.72	2381470.40
PT	193+72.73	1274244.55	2381686.59
PC	204+79.80	1275026.83	2382469.93
PI	207+49.20	1275220.23	2382657.48
PCC	210+15.54	1275455.50	2382788.73
PI	212+15.37	1275628.11	2382889.42
PCC	214+12.89	1275821.00	2382941.63
PI	216+93.68	1276090.43	2383020.73
PT	219+70.98	1276371.20	2383024.21
POT	221+02.83	1276503.05	2383024.22



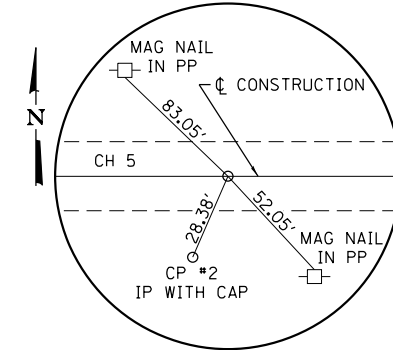
**P.O.T. STA. 97+00.00
MAG NAIL**



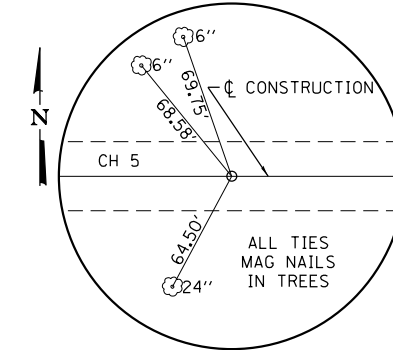
**P.O.T. STA. 100+00.00
MAG NAIL**



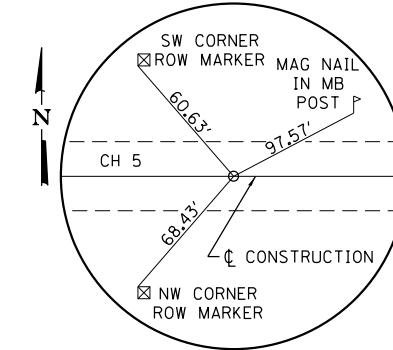
**P.I. STA. 106+91.61
MAG NAIL**



**P.C. STA. 113+28.20
MAG NAIL**



**P.I. STA. 116+89.59
MAG NAIL**



**P.T. STA. 120+50.81
MAG NAIL**

MODEL: Default
FILE NAME: 2581.1-sht-all.dgn



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 FILE NAME = 2581.1-sht-all.dgn
 PLOT SCALE = 100.0000 ' / in.
 PLOT DATE = 2/22/2023

DESIGNED - CGF
 DRAWN - SJS
 CHECKED - MER
 DATE - 12/01/2022

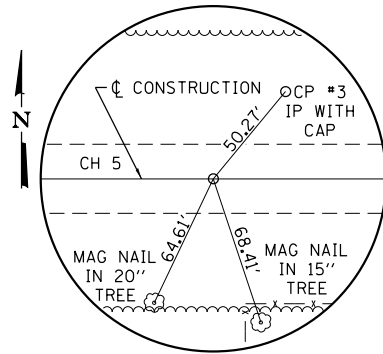
REVISED -
 REVISED -
 REVISED -
 REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

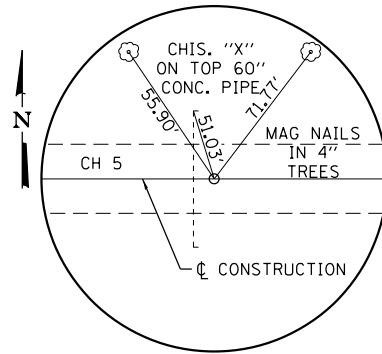
ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS STA. TO STA.

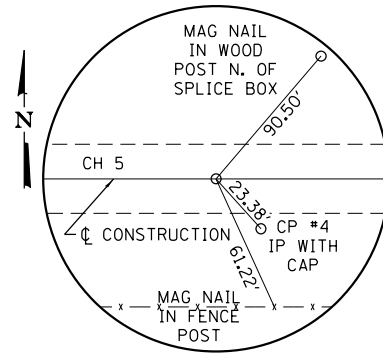
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	10
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



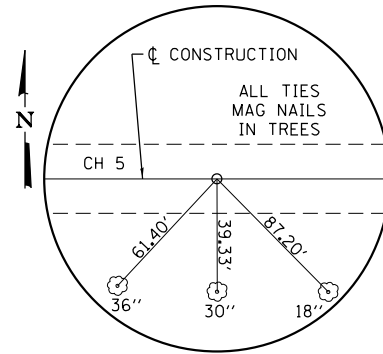
P.O.T. STA. 126+14.34
MAG NAIL



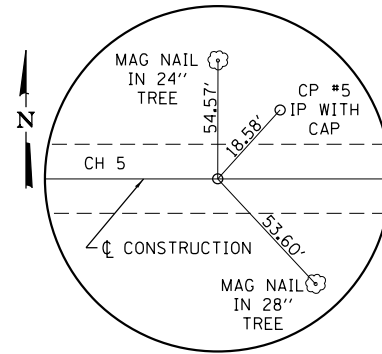
P.I. STA. 132+93.79
MAG NAIL



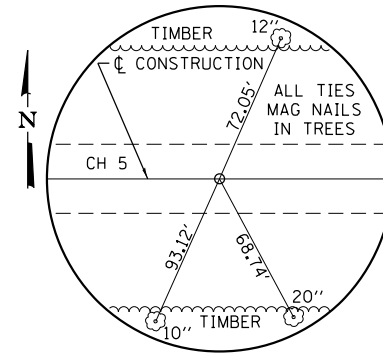
P.I. STA. 138+65.40
MAG NAIL



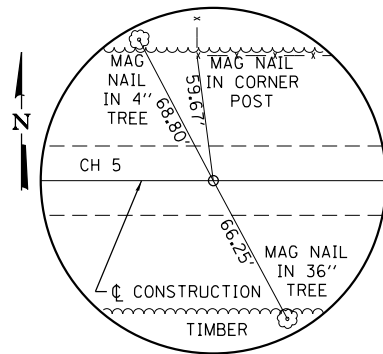
P.I. STA. 143+11.54
MAG NAIL



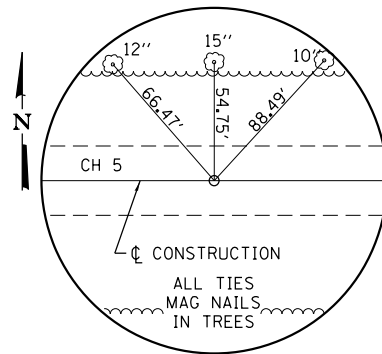
P.I. STA. 153+02.57
MAG NAIL



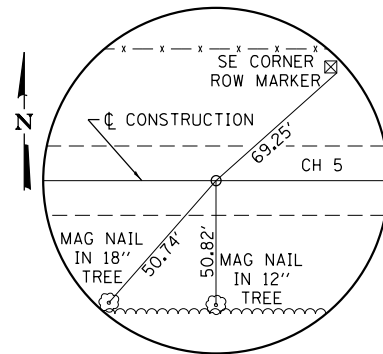
P.I. STA. 159+61.15
MAG NAIL



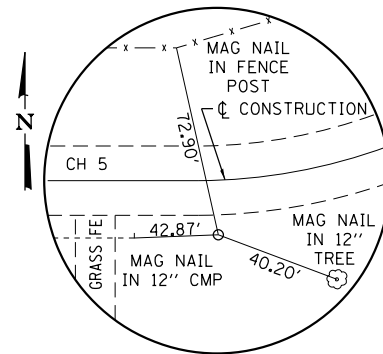
P.O.T. STA. 166+15.09
MAG NAIL



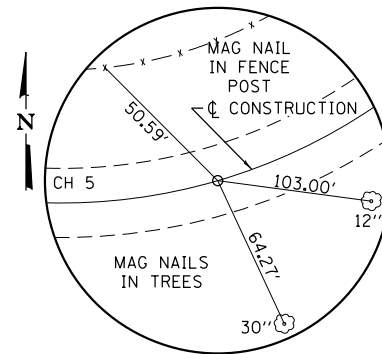
P.I. STA. 171+84.84
MAG NAIL



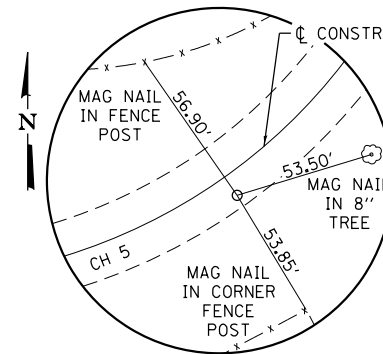
P.C. STA. 178+17.88
MAG NAIL



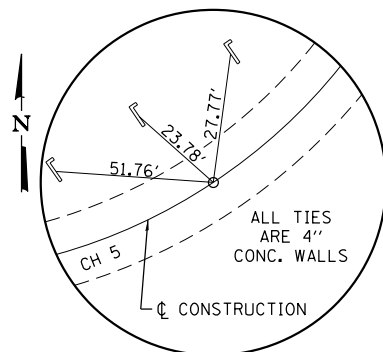
P.I. STA. 181+28.81
MAG NAIL



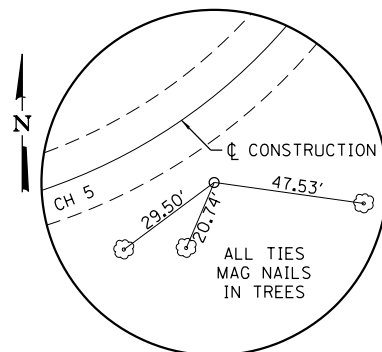
P.C.C. STA. 184+35.34
MAG NAIL



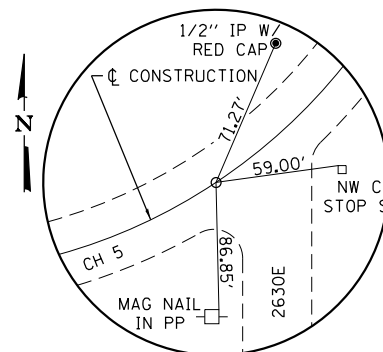
P.I. STA. 185+95.22
MAG NAIL



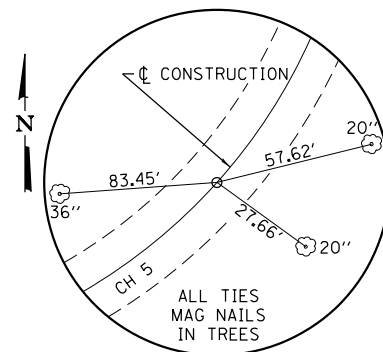
P.C.C. STA. 187+54.64
MAG NAIL



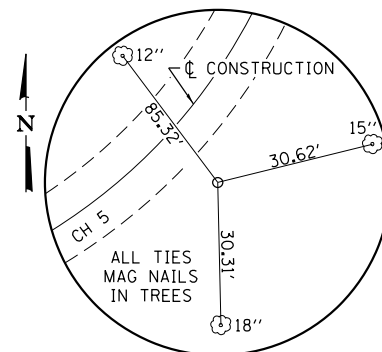
P.I. STA. 190+66.54
MAG NAIL



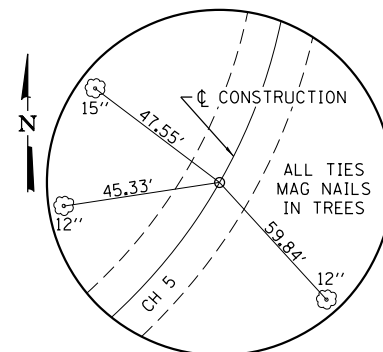
P.T. STA. 193+72.73
MAG NAIL



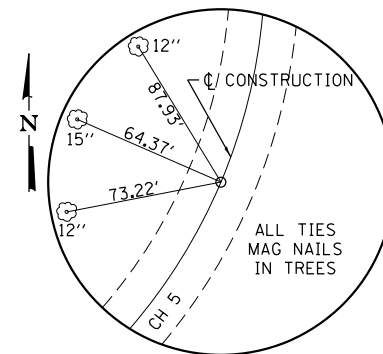
P.C. STA. 204+79.80
MAG NAIL



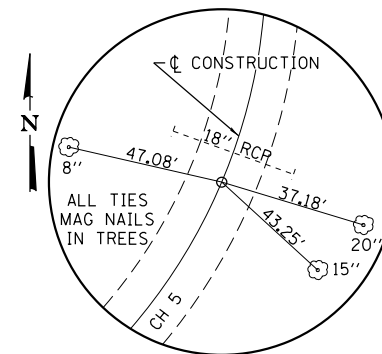
P.I. STA. 207+49.20
MAG NAIL



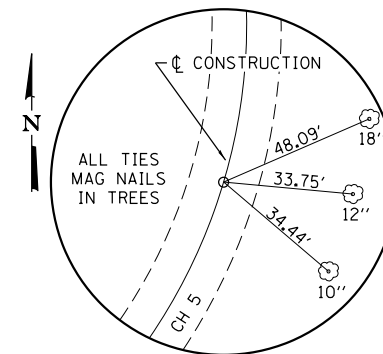
P.C.C. STA. 210+15.54
MAG NAIL



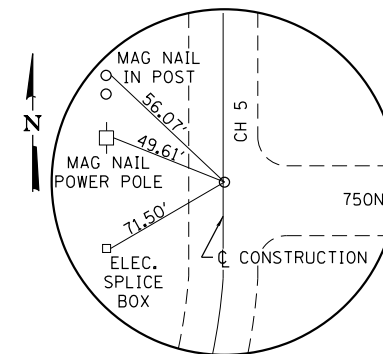
P.I. STA. 212+15.37
MAG NAIL



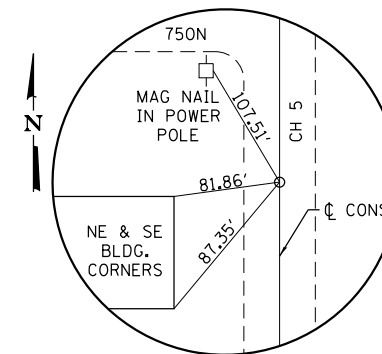
P.C.C. STA. 214+12.89
MAG NAIL



P.I. STA. 216+93.68
MAG NAIL



P.T. STA. 219+70.98
MAG NAIL



P.O.T. STA. 221+02.83
MAG NAIL

MODEL: Default
FILE NAME: 2581.1_sht-ali.dgn



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FILE NAME = 2581.1-sht-ali.dgn
PLOT SCALE = 100.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - MER
DATE - 12/01/2022

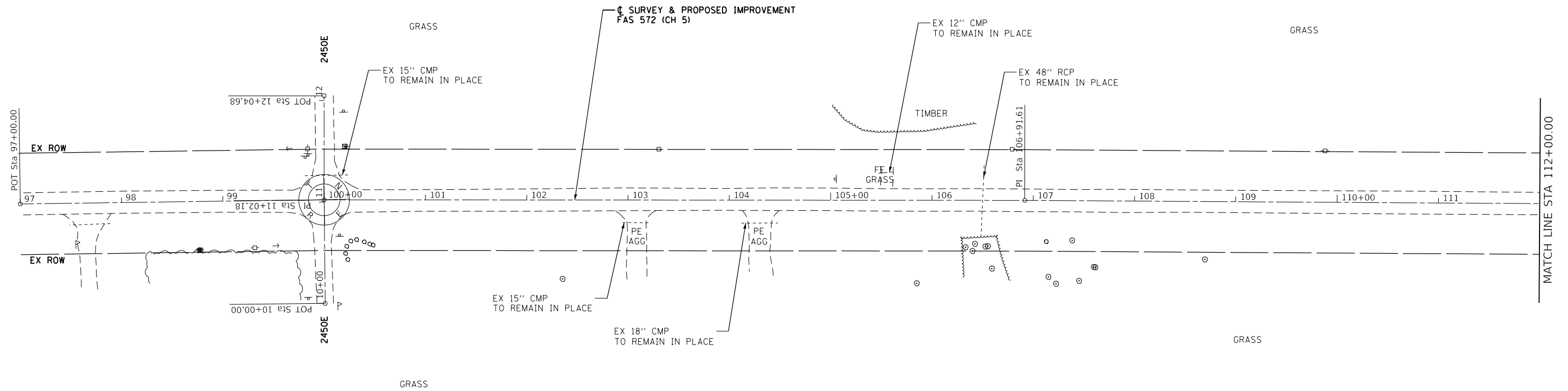
REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	11
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



MODEL: Default
FILE NAME: 2581.1-shr-50plan.dgn



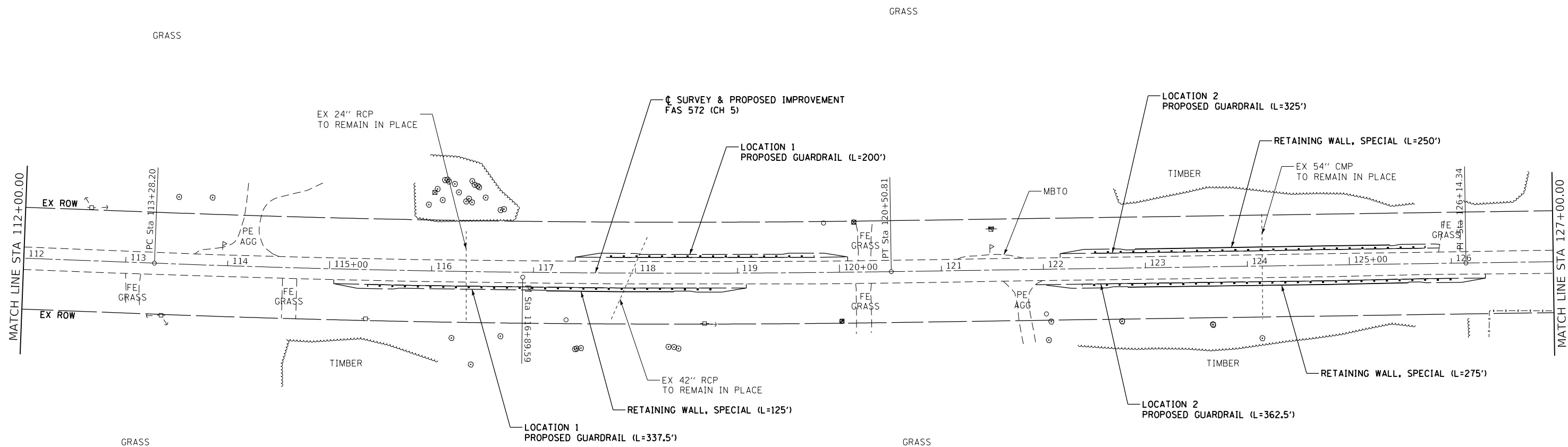
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FILE NAME = 2581.1-shr-50plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 100.0000' / 1 in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	12
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CRV1
 PI STA. = 116+89.59
 $\Delta = 3^\circ 02' 15''$ (LT)
 $D = 0^\circ 25' 13''$
 $R = 13,630.10'$
 $T = 361.39'$
 $L = 722.60'$
 $E = 4.79'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 113+28.20$
 $P.T. STA. = 120+50.81$

MODEL: Default
 FILE NAME: 2581.1-shr-50plan.dgn

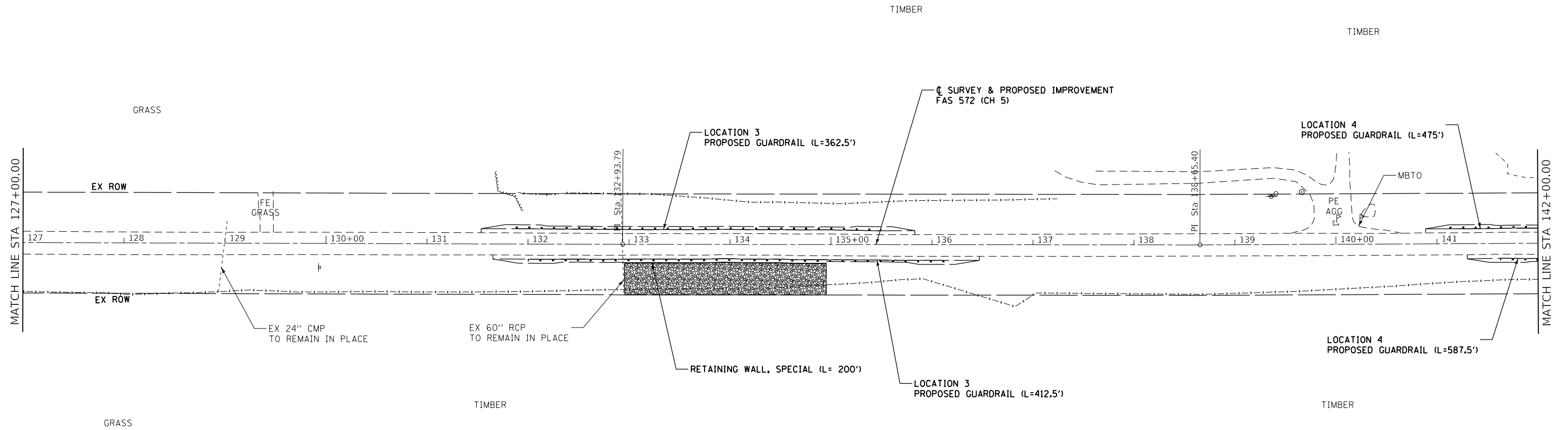


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PLOT SCALE = 100.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS

SCALE:		SHEET OF SHEETS		STA.	TO STA.
		PLAN			

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	13
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: 2581.1-shr-50plan.dgn

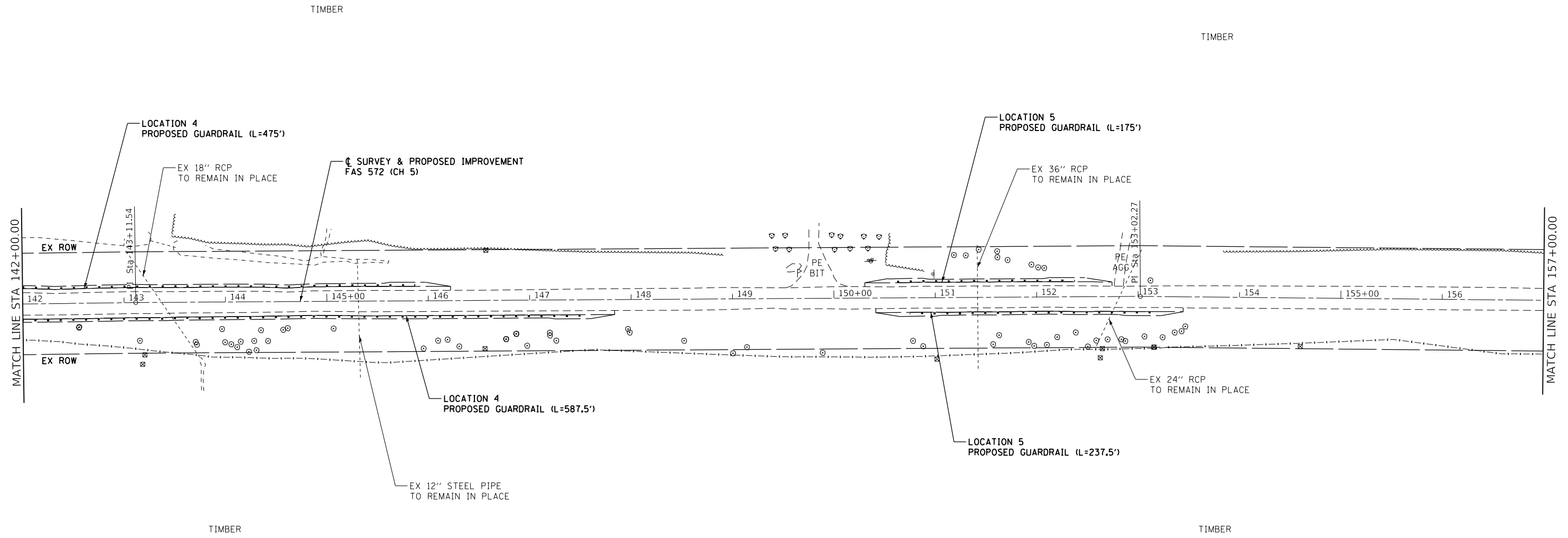


JOB = 2581.1	DESIGNED - CGF	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	14
CONTRACT NO. 93806			ILLINOIS FED. AID PROJECT	



MODEL: Default
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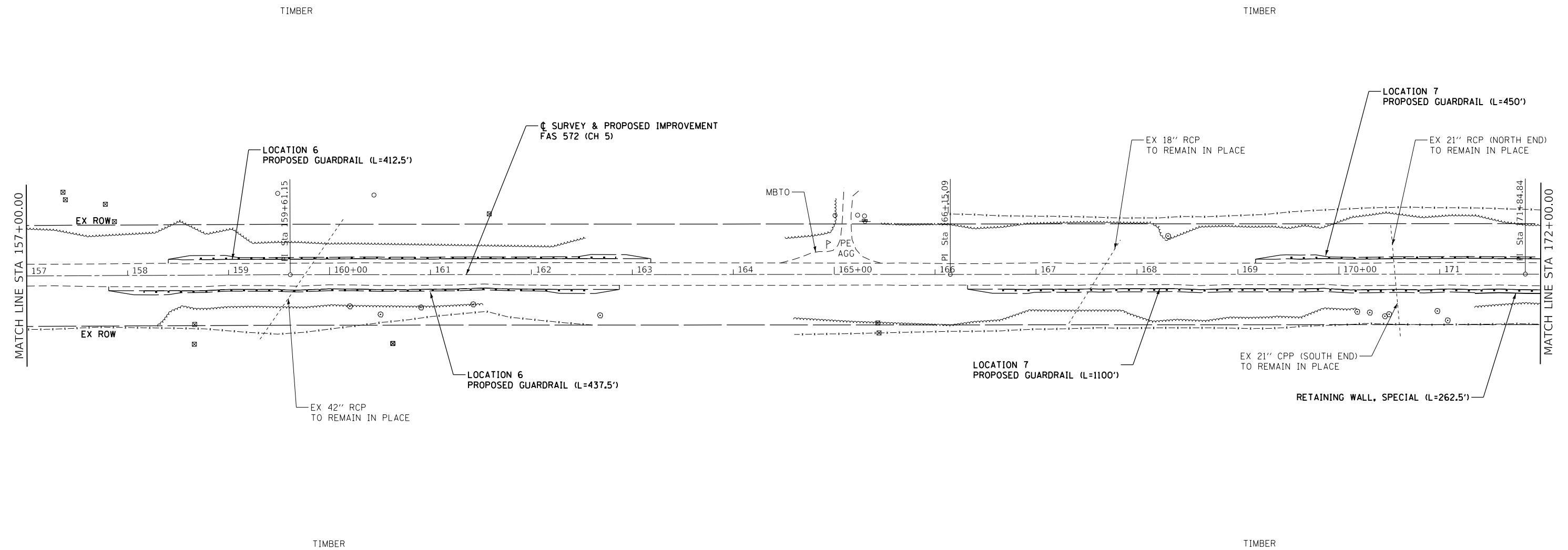
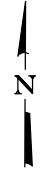


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PLOT SCALE = 100.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	15
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: 2581.1-shr-50plan.dgn

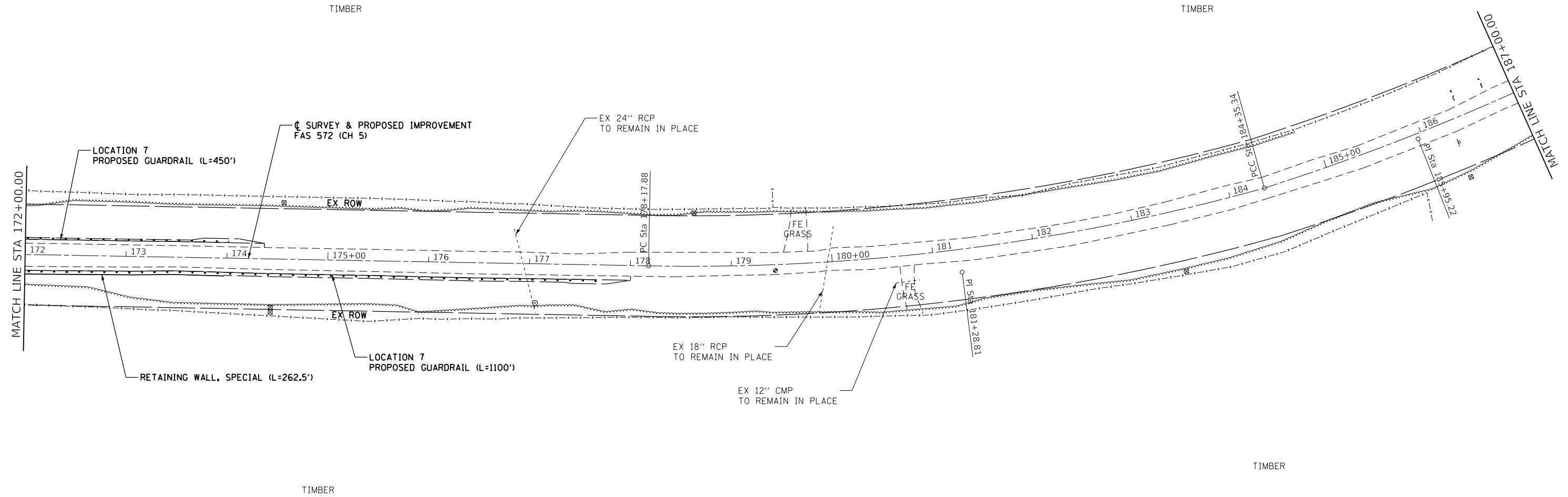
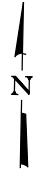


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FILE NAME = 2581.1-shr-50plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93806	



EXIST. CURVE CRV2
 PI STA. = 181+28.81
 $\Delta = 16^\circ 41' 37''$ (LT)
 $D = 2^\circ 42' 13''$
 $R = 2,119.22'$
 $T = 310.93'$
 $L = 617.45'$
 $E = 22.69'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 178+17.88$
 $P.T. STA. = 184+35.34$

EXIST. CURVE CRV3
 PI STA. = 185+95.22
 $\Delta = 7^\circ 38' 46''$ (LT)
 $D = 2^\circ 23' 41''$
 $R = 2,392.64'$
 $T = 159.89'$
 $L = 319.30'$
 $E = 5.34'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 184+35.34$
 $P.T. STA. = 187+54.64$

MODEL: Default
 FILE NAME: 2581.1-shr-50plan.dgn

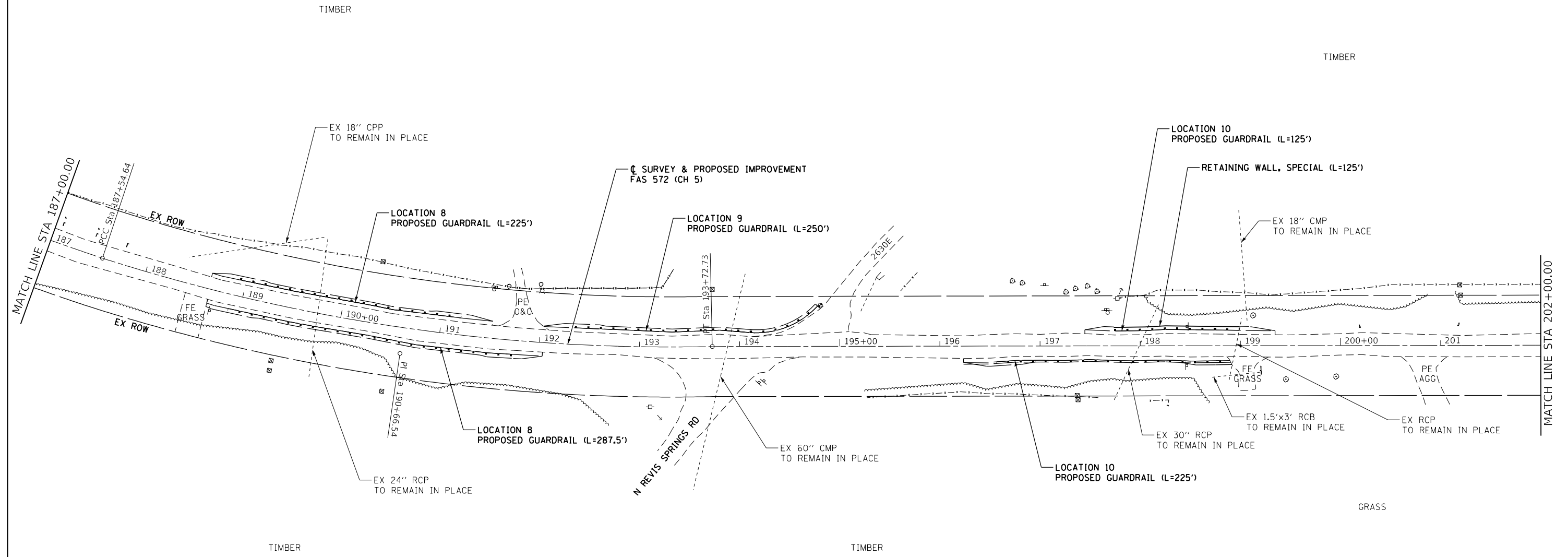
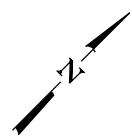


JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-50plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	17
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CRV3
 PI STA. = 185+95.22
 $\Delta = 7^\circ 38' 46''$ (LT)
 $D = 2^\circ 23' 41''$
 $R = 2,392.64'$
 $T = 159.89'$
 $L = 319.30'$
 $E = 5.34'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 184+35.34$
 $P.T. STA. = 187+54.64$

EXIST. CURVE CRV4
 PI STA. = 190+66.54
 $\Delta = 18^\circ 58' 44''$ (LT)
 $D = 3^\circ 04' 14''$
 $R = 1,865.98'$
 $T = 311.91'$
 $L = 618.10'$
 $E = 25.89'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 187+54.64$
 $P.T. STA. = 193+72.73$

MODEL: Default
 FILE NAME: 2581.1-shr-50plan.dgn

CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

JOB = 2581.1
FILE NAME = 2581.1-shr-50plan.dgn
PLOT SCALE = 100.0000' / 1 in.
PLOT DATE = 2/22/2023

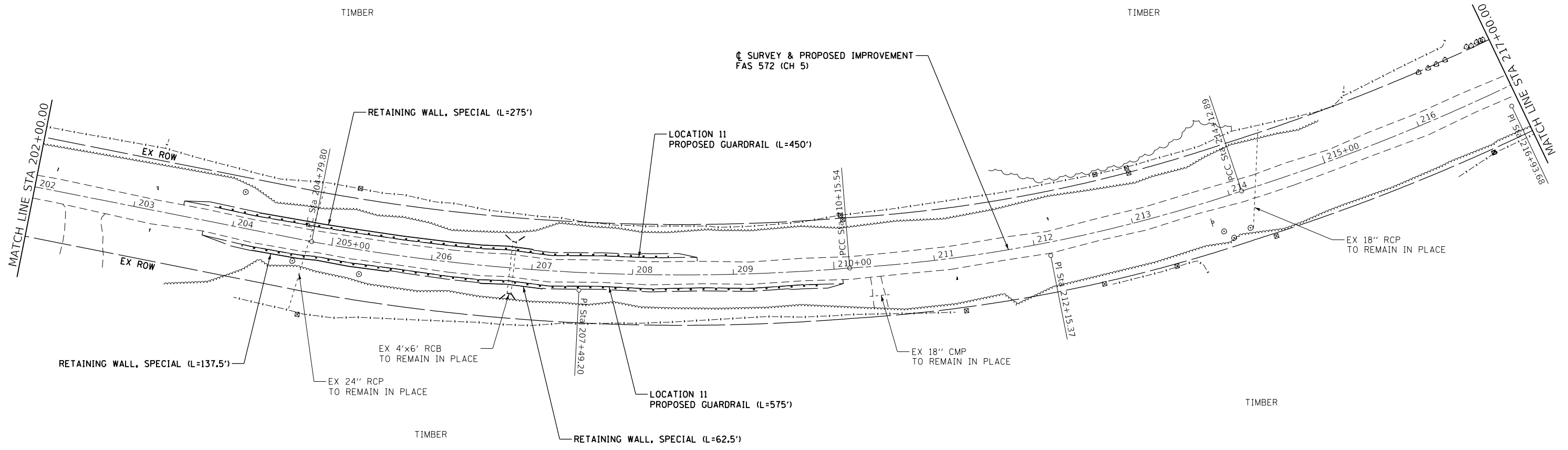
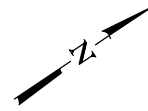
DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 12/05/2022

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 18
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CRV5
 PI STA. = 207+49.20
 $\Delta = 14^\circ 57' 53''$ (LT)
 $D = 2^\circ 47' 36''$
 $R = 2,051.18'$
 $T = 269.40'$
 $L = 535.73'$
 $E = 17.62'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 204+79.80$
 $P.T. STA. = 210+15.54$

EXIST. CURVE CRV6
 PI STA. = 212+15.37
 $\Delta = 15^\circ 06' 50''$ (LT)
 $D = 3^\circ 48' 13''$
 $R = 1,506.32'$
 $T = 199.84'$
 $L = 397.35'$
 $E = 13.20'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 210+15.54$
 $P.T. STA. = 214+12.89$

EXIST. CURVE CRV7
 PI STA. = 216+93.68
 $\Delta = 15^\circ 39' 09''$ (LT)
 $D = 2^\circ 48' 17''$
 $R = 2,042.90'$
 $T = 280.79'$
 $L = 558.09'$
 $E = 19.21'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 214+12.89$
 $P.T. STA. = 219+70.98$

MODEL: Default
 FILE NAME: 2581.1-shr-50plan.dgn

CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

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 PLOT SCALE = 100.0000 ' / in.
 PLOT DATE = 2/22/2023

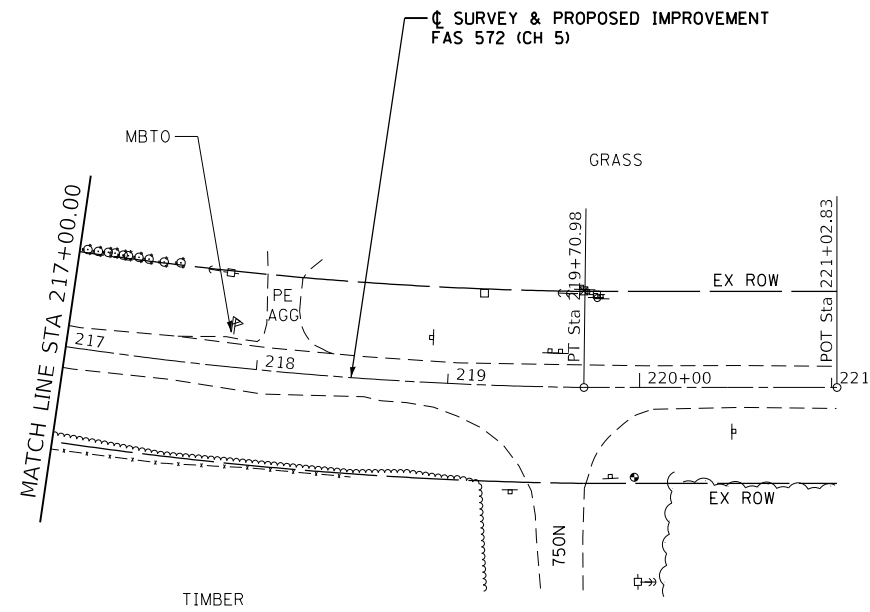
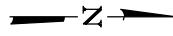
DESIGNED - CGF
 DRAWN - SJS
 CHECKED - THF
 DATE - 12/05/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	19
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CRV7
 PI STA. = 216+93.68
 $\Delta = 15^\circ 39' 09''$ (LT)
 D = 2° 48' 17"
 R = 2,042.90'
 T = 280.79'
 L = 558.09'
 E = 19.21'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA. = 214+12.89
 P.T. STA. = 219+70.98

MODEL: D:\64bit
 FILE NAME: 2581.1-shr-50plan.dgn

CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-50plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 100.0000' / 1 in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

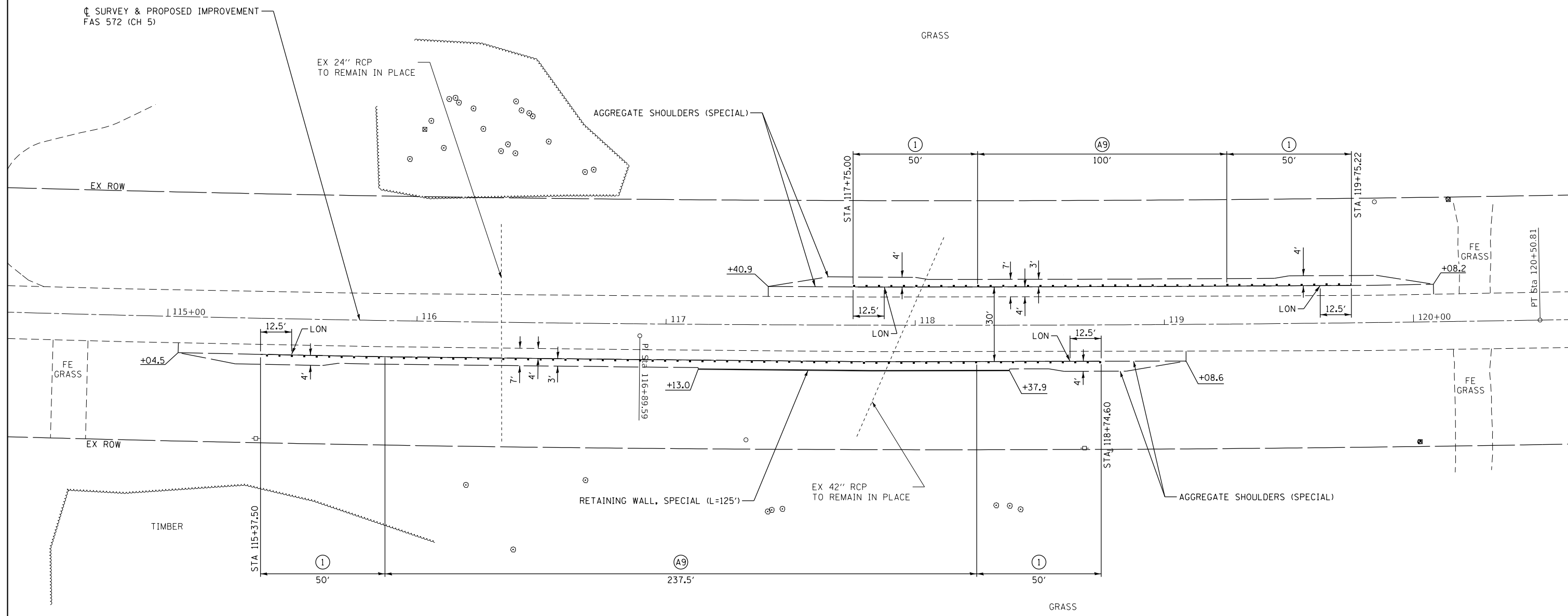
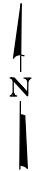
PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	20
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

LEGEND

- ① TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- Ⓐ9 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- LON LENGTH OF NEED POINT
- ▬ PERIMETER EROSION BARRIER



EXIST. CURVE CRV1
 PI STA. = 116+89.59
 $\Delta = 3^\circ 02' 15''$ (LT)
 $D = 0^\circ 25' 13''$
 $R = 13,630.10'$
 $T = 361.39'$
 $L = 722.60'$
 $E = 4.79'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 113+28.20$
 $P.T. STA. = 120+50.81$

LOCATION NO. 1
 MAJOR COLLECTOR
 ADT 250 (2019)
 DESIGN SPEED 30 MPH

MODEL: Default
 FILE NAME: 2581.1-sh-20plan.dgn



JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-sh-20plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN - LOCATION NO. 1

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	21
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

- ① TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- Ⓐ9 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- LON LENGTH OF NEED POINT
- ▬ PERIMETER EROSION BARRIER



TIMBER

☐ SURVEY & PROPOSED IMPROVEMENT
FAS 572 (CH 5)

AGGREGATE SHOULDERS (SPECIAL)

EX ROW

PE

P

122

EX ROW

EX ROW

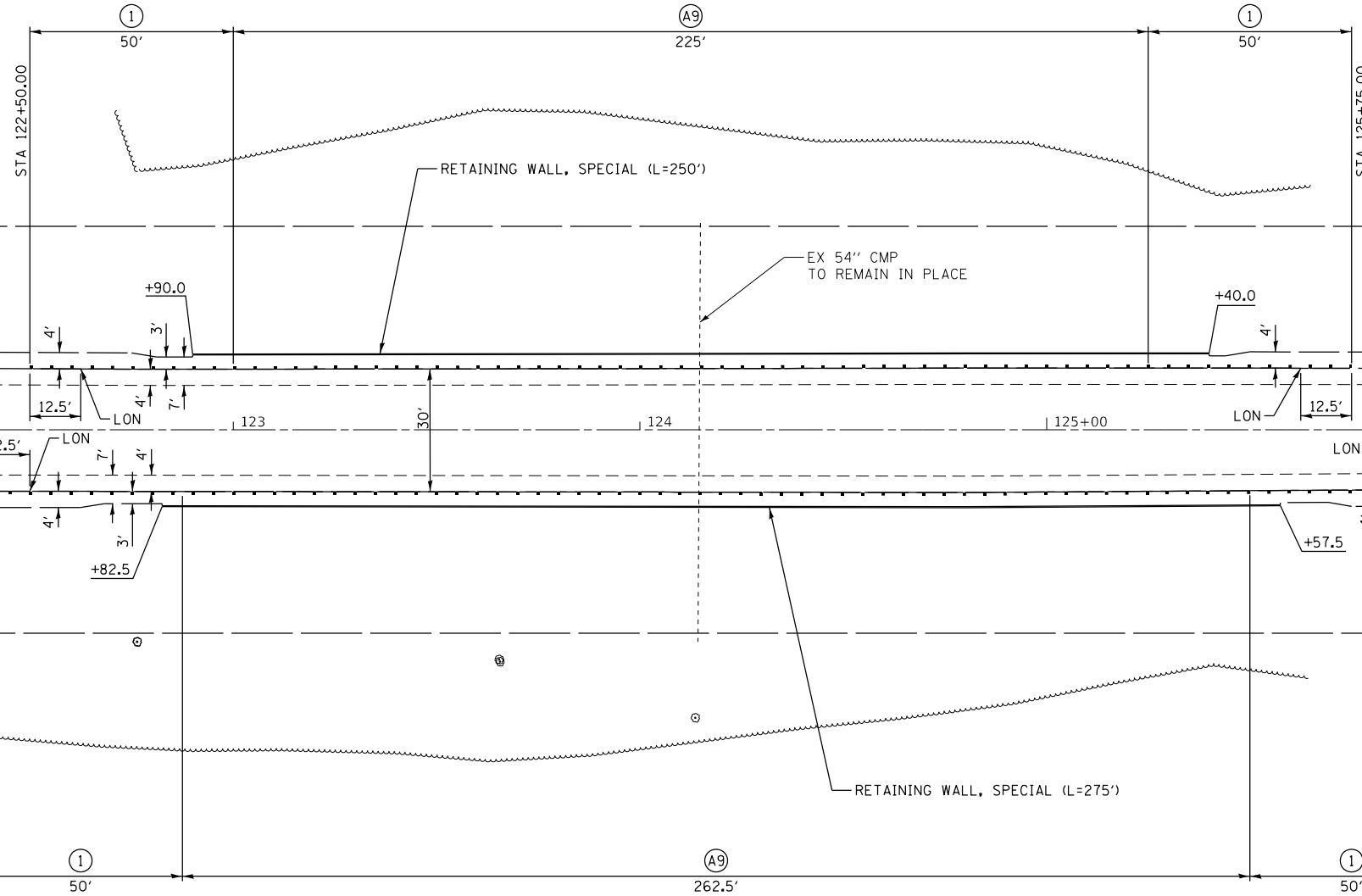
123

124

125+00

126

127



LOCATION NO. 2
MAJOR COLLECTOR
ADT 250 (2019)
DESIGN SPEED 30 MPH

MODEL: D:\cfs\11\11-2023\11-2023.dgn



JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-sht-20plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

PLAN - LOCATION NO. 2

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	22
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

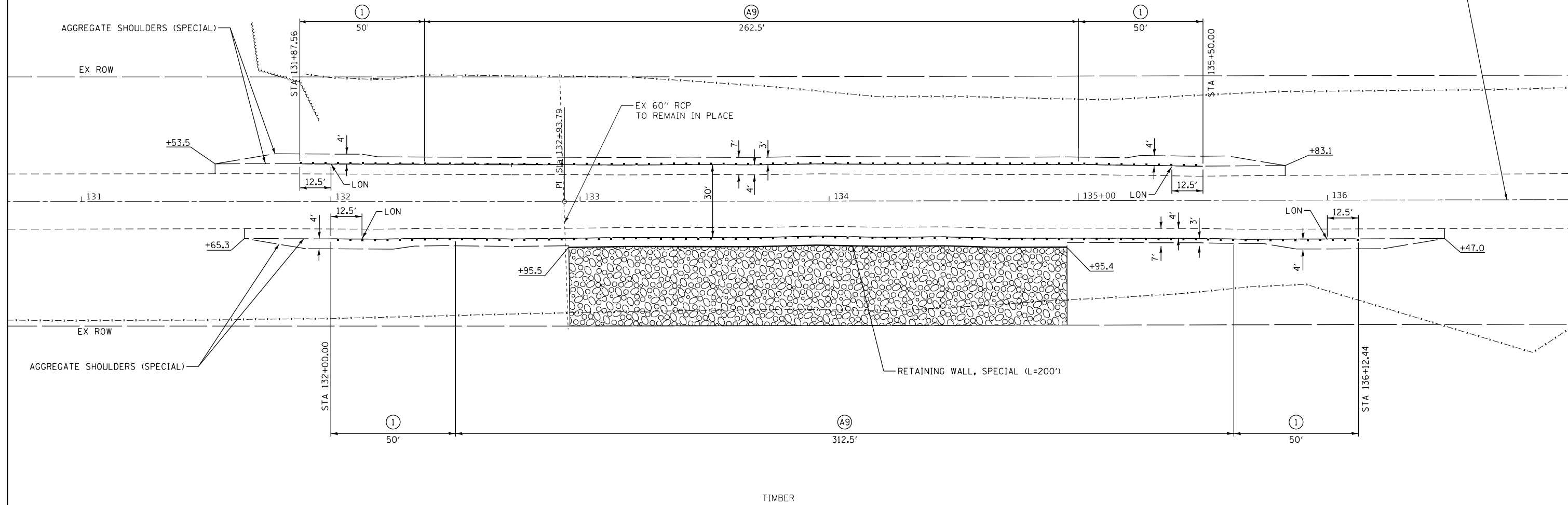
LEGEND

- ① TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- Ⓐ9 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- LON LENGTH OF NEED POINT
- ▬ PERIMETER EROSION BARRIER
- ▨ RIPRAP, CLASS A4 (SPECIAL)



TIMBER

☩ SURVEY & PROPOSED IMPROVEMENT
FAS 572 (CH 5)



LOCATION NO. 3
MAJOR COLLECTOR
ADT 250 (2019)
DESIGN SPEED 30 MPH

MODEL: D:\cfs\11\2581.1-shr-20\plan.dgn
FILE NAME: 2581.1-shr-20\plan.dgn



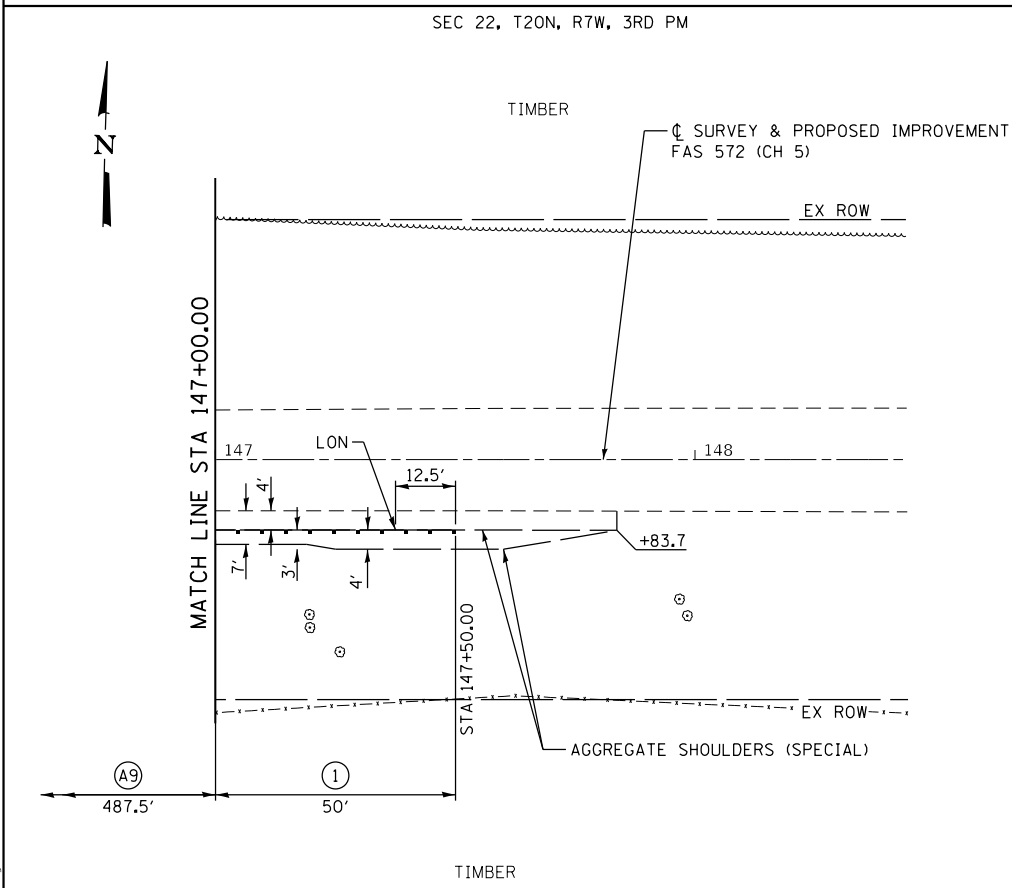
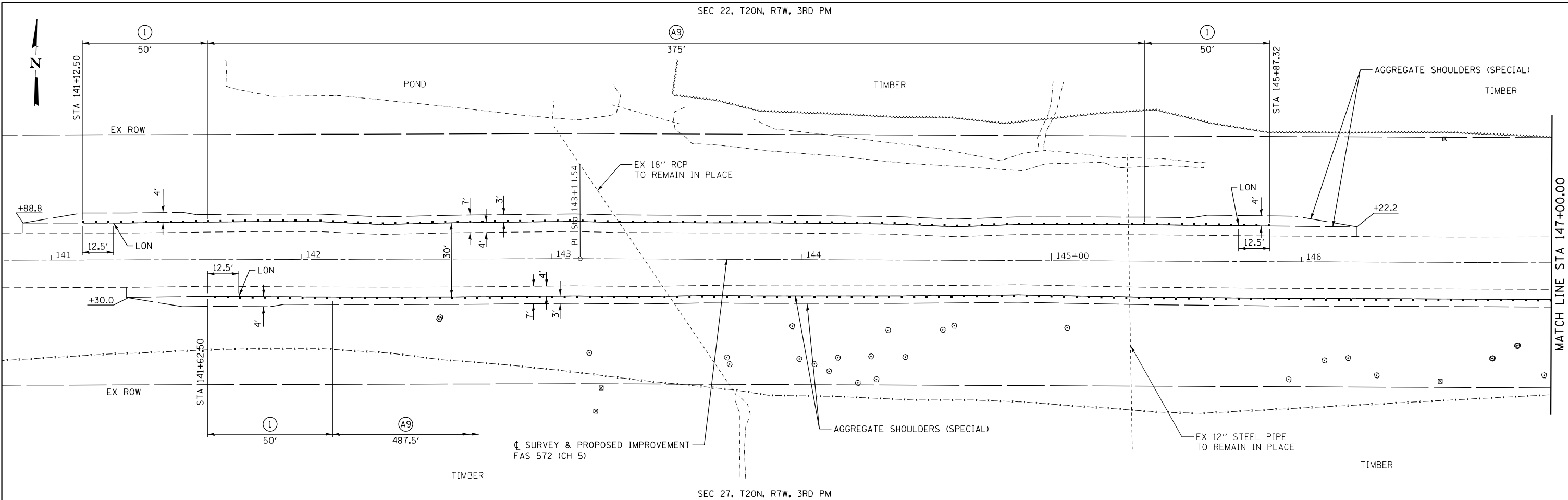
JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-20plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

PLAN - LOCATION NO. 3

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	23
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



LEGEND	
(1)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(A9)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
LON	LENGTH OF NEED POINT
- - -	PERIMETER EROSION BARRIER

LOCATION NO. 4
 MAJOR COLLECTOR
 ADT 250 (2019)
 DESIGN SPEED 30 MPH

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN - LOCATION NO. 4



JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-sht-20plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

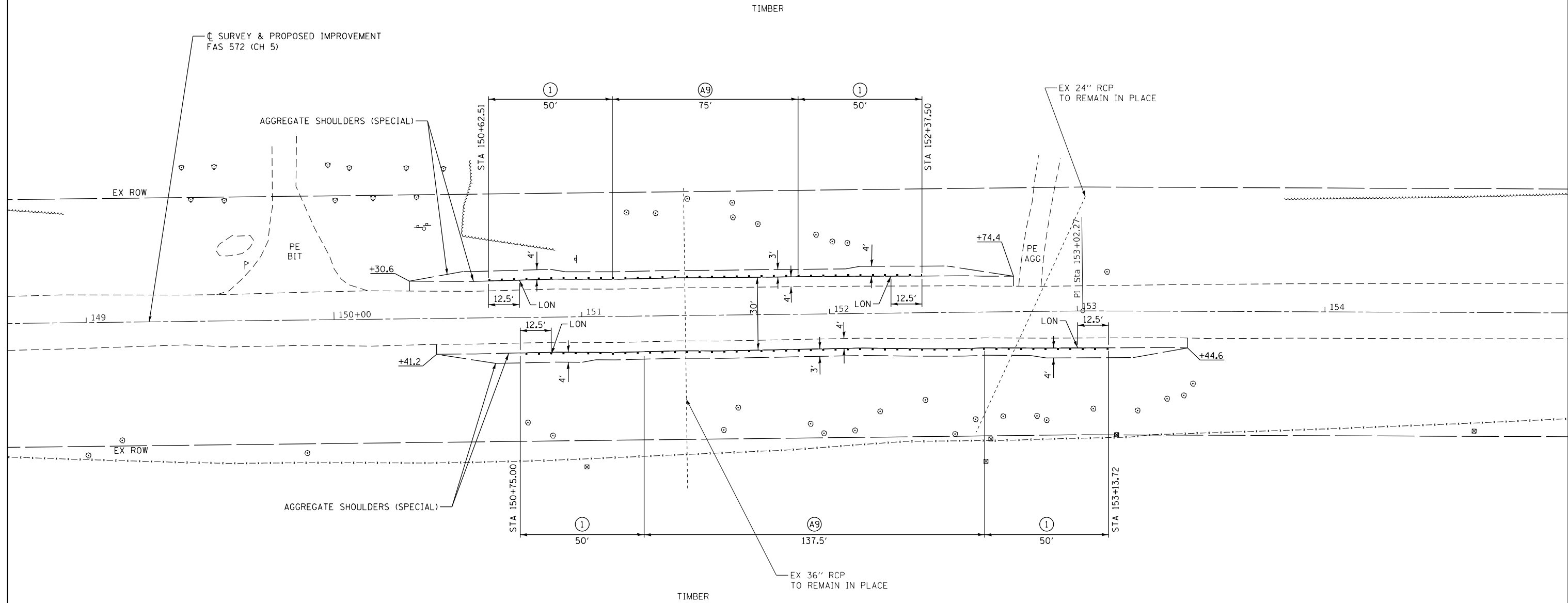
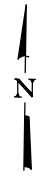
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	24
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: 2581.1-sht-20plan.dgn

LEGEND

- ① TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- Ⓐ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- LON LENGTH OF NEED POINT
- ▬ PERIMETER EROSION BARRIER



TIMBER

LOCATION NO. 5
 MAJOR COLLECTOR
 ADT 250 (2019)
 DESIGN SPEED 30 MPH

MODEL: D:\cfs\11
 FILE NAME: 2581.1-shr-20plan.dgn



JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-20plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

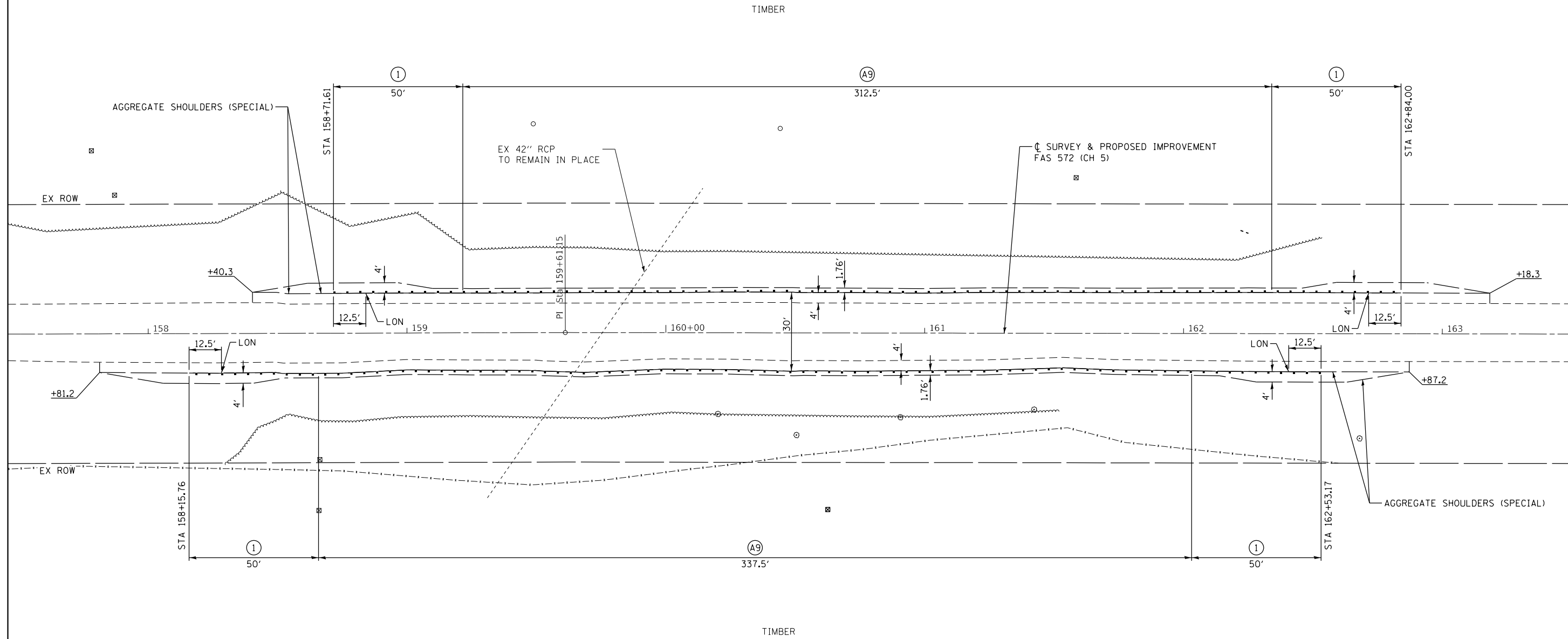
PLAN - LOCATION NO. 5

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	25
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



LEGEND	
①	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
Ⓐ9	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
LON	LENGTH OF NEED POINT
▬	PERIMETER EROSION BARRIER



LOCATION NO. 6
 MAJOR COLLECTOR
 ADT 250 (2019)
 DESIGN SPEED 30 MPH

MODEL: Default
 FILE NAME: 2581.1-shr-20plan.dgn

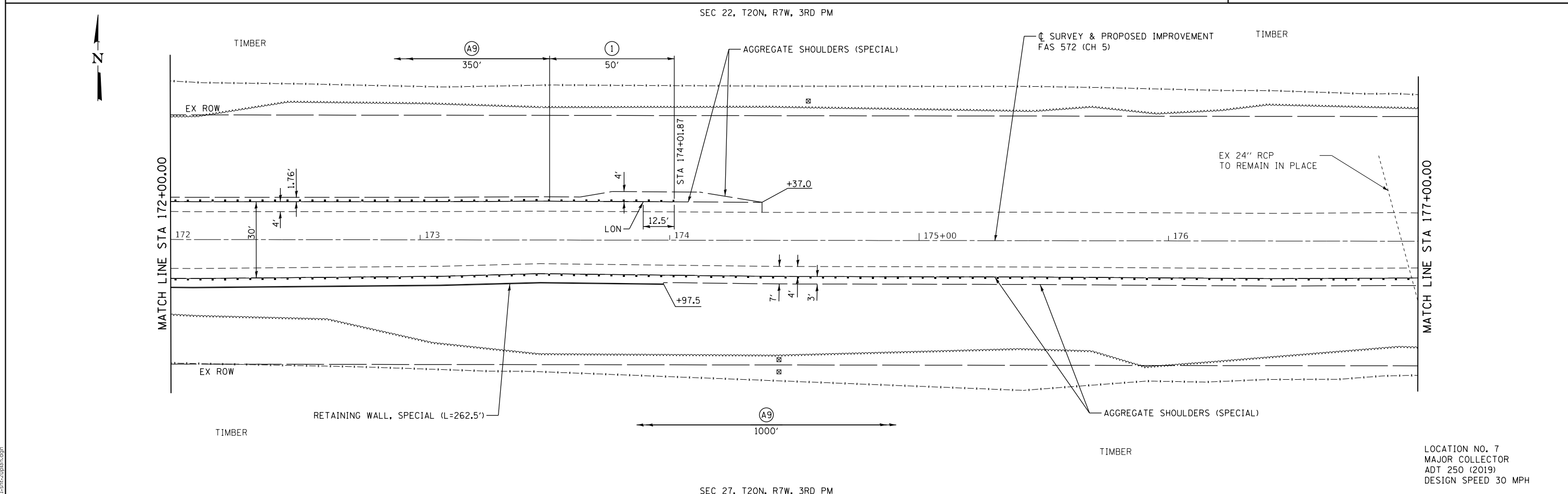
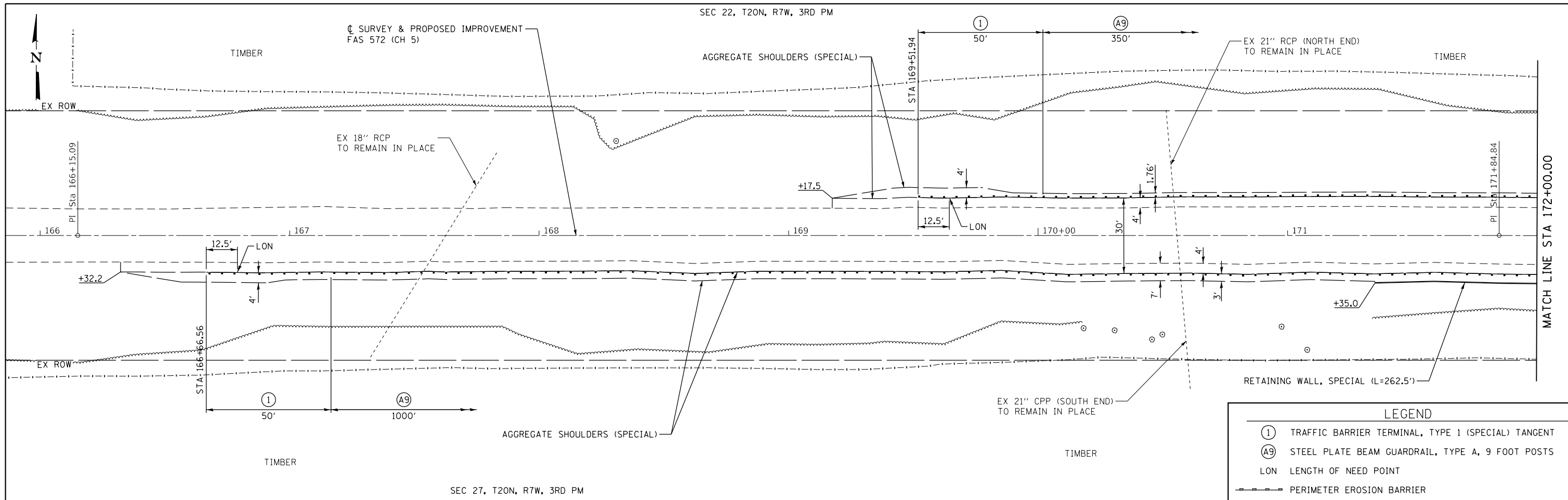


JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-20plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS

SCALE:		SHEET	OF	SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	26
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



LEGEND	
(1)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(A9)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
LON	LENGTH OF NEED POINT
▬	PERIMETER EROSION BARRIER

LOCATION NO. 7
 MAJOR COLLECTOR
 ADT 250 (2019)
 DESIGN SPEED 30 MPH

SEC 27, T20N, R7W, 3RD PM

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN - LOCATION NO. 7



JOB = 2581.1
 FILE NAME = 2581.1-sht-20plan.dgn
 PLOT SCALE = 40,000.0' / in.
 PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 12/05/2022	REVISED -

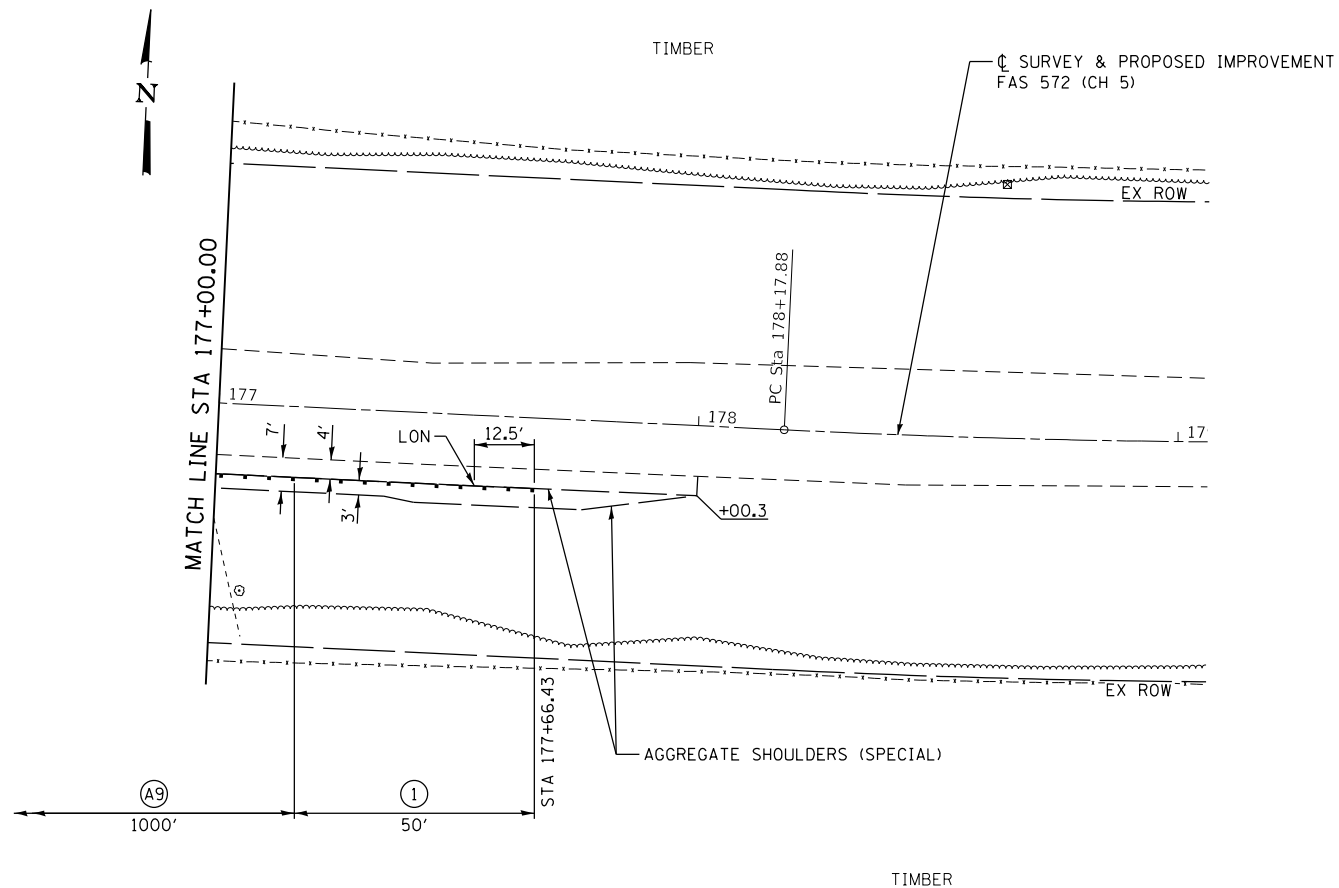
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	27
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: 2581.1-sht-20plan.dgn

LEGEND

- ① TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- Ⓐ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- LON LENGTH OF NEED POINT
- ▬ PERIMETER EROSION BARRIER



LOCATION NO. 7
 MAJOR COLLECTOR
 ADT 250 (2019)
 DESIGN SPEED 30 MPH

MODEL: D:\c\h\l
 FILE NAME: 2581.1-sh-20plan.dgn

CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

JOB = 2581.1
FILE NAME = 2581.1-sh-20plan.dgn
PLOT SCALE = 40,0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 12/05/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

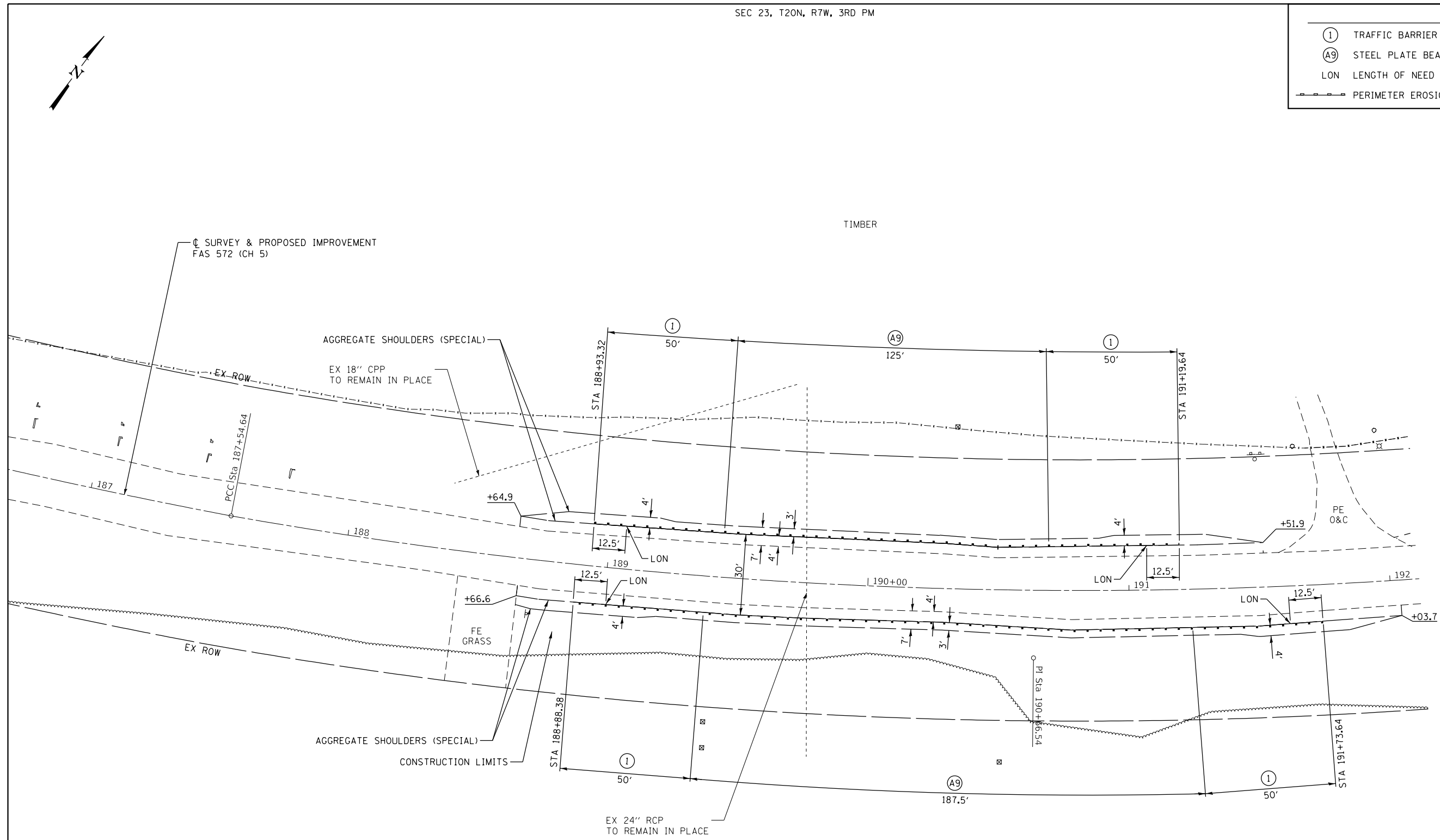
PLAN - LOCATION NO. 7

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	28
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

LEGEND

- ① TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- Ⓐ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- LON LENGTH OF NEED POINT
- ▬ PERIMETER EROSION BARRIER



EXIST. CURVE CRV4
 PI STA. = 190+66.54
 $\Delta = 18^\circ 58' 44''$ (LT)
 $D = 3^\circ 04' 14''$
 $R = 1,865.98'$
 $T = 311.91'$
 $L = 618.10'$
 $E = 25.89'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 187+54.64$
 $P.T. STA. = 193+72.73$

LOCATION NO. 8
 MAJOR COLLECTOR
 ADT 250 (2019)
 DESIGN SPEED 30 MPH

MODEL: Default
 FILE NAME: 2581.1-shr-20plan.dgn



JOB = 2581.1
FILE NAME = 2581.1-shr-20plan.dgn
PLOT SCALE = 40,0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 12/05/2022	REVISED -

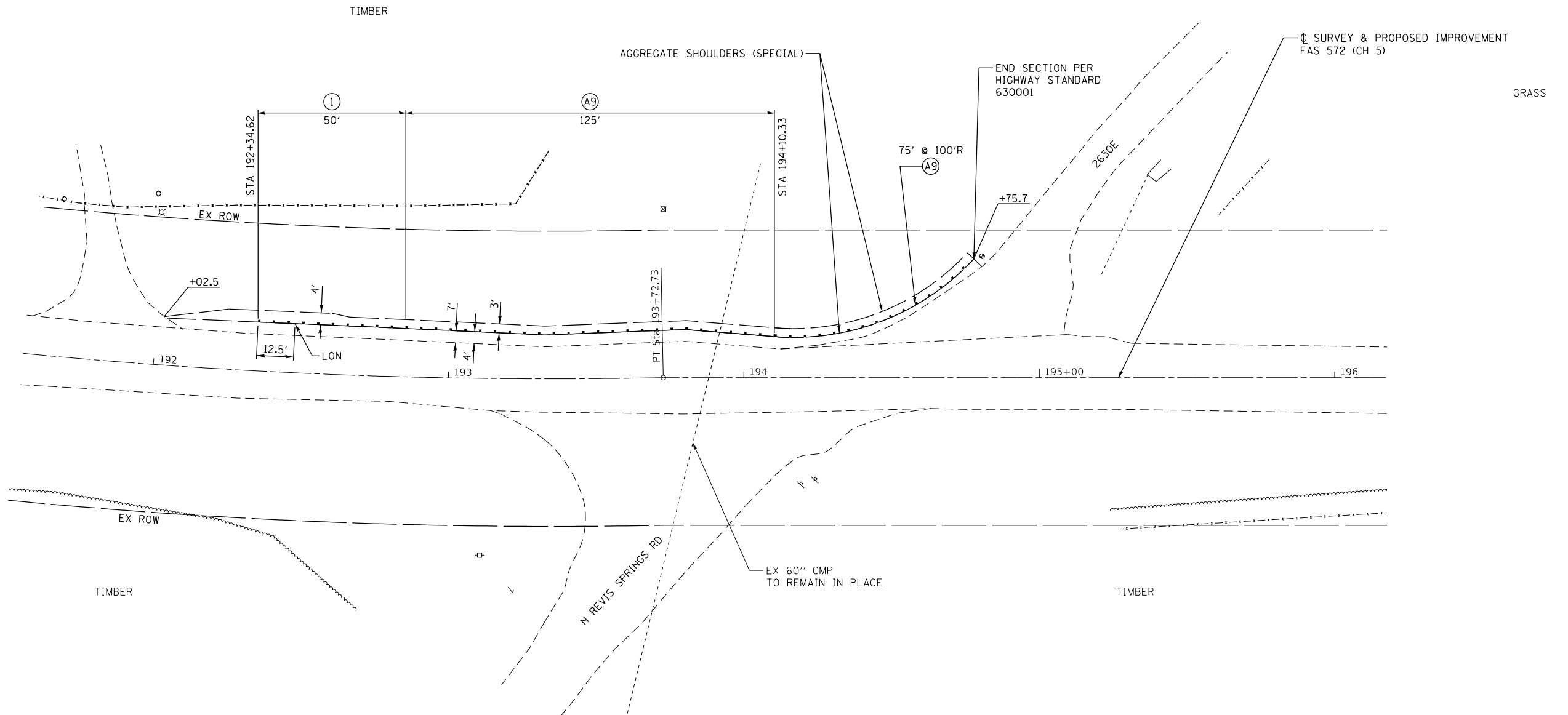
**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN - LOCATION NO. 8

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	29
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

LEGEND	
(1)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(A9)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
LON	LENGTH OF NEED POINT
---	PERIMETER EROSION BARRIER



EXIST. CURVE CRV4
 P1 STA. = 190+66.54
 $\Delta = 18^\circ 58' 44''$ (LT)
 $D = 3^\circ 04' 14''$
 $R = 1,865.98'$
 $T = 311.91'$
 $L = 618.10'$
 $E = 25.89'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 187+54.64$
 $P.T. STA. = 193+72.73$

LOCATION NO. 9
 MAJOR COLLECTOR
 ADT 250 (2019)
 DESIGN SPEED 30 MPH

MODEL: D:\c4\11...
 FILE NAME: 2581.1-shr-20plan.dgn



JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-20plan.dgn	DRAWN - SJS	REVISED -
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PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

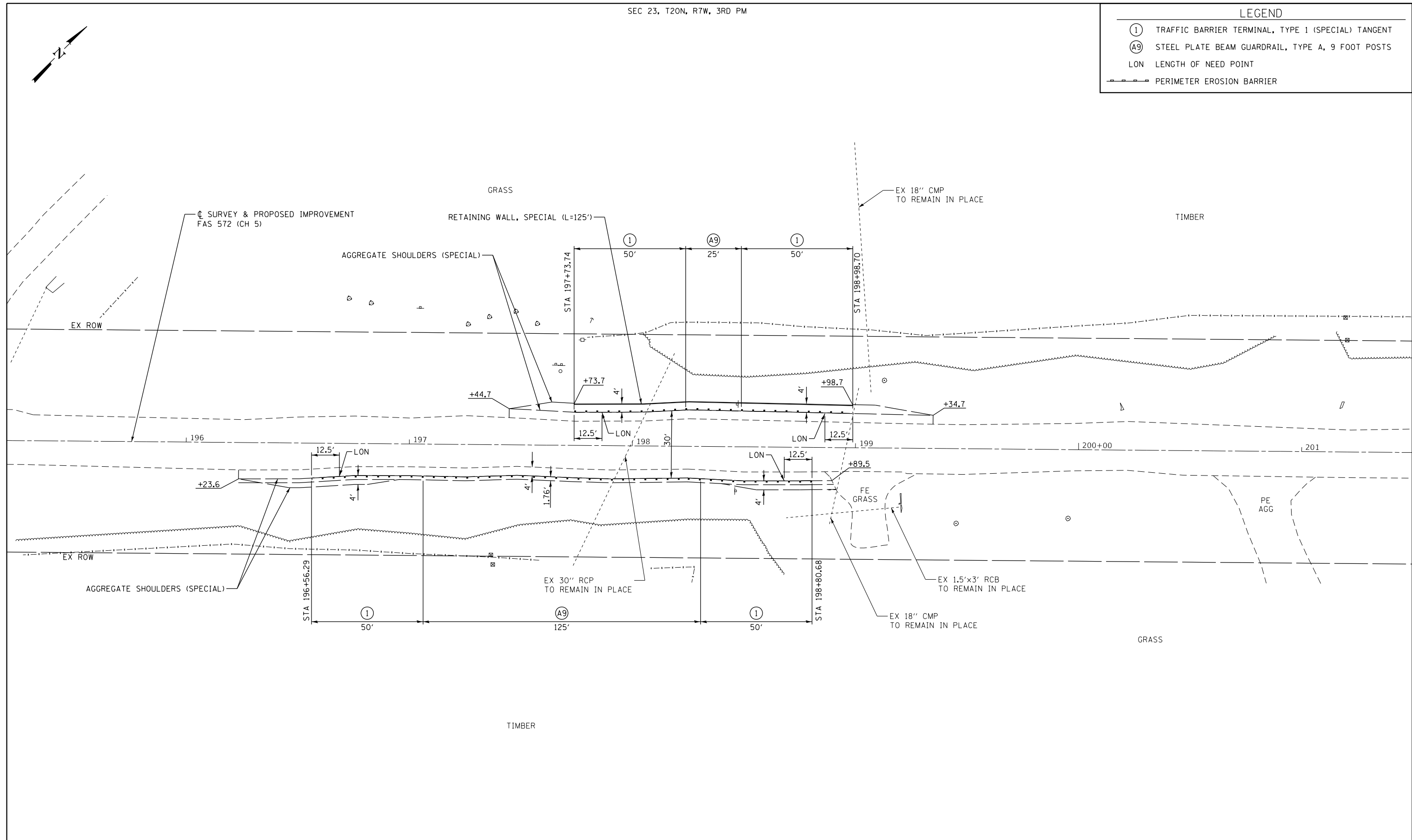
**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN - LOCATION NO. 9

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	30
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

LEGEND	
(1)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(A9)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
LON	LENGTH OF NEED POINT
---	PERIMETER EROSION BARRIER



LOCATION NO. 10
 MAJOR COLLECTOR
 ADT 300 (2019)
 DESIGN SPEED 30 MPH

MODEL: D:\c4\11
 FILE NAME: 2581.1-shr-20plan.dgn



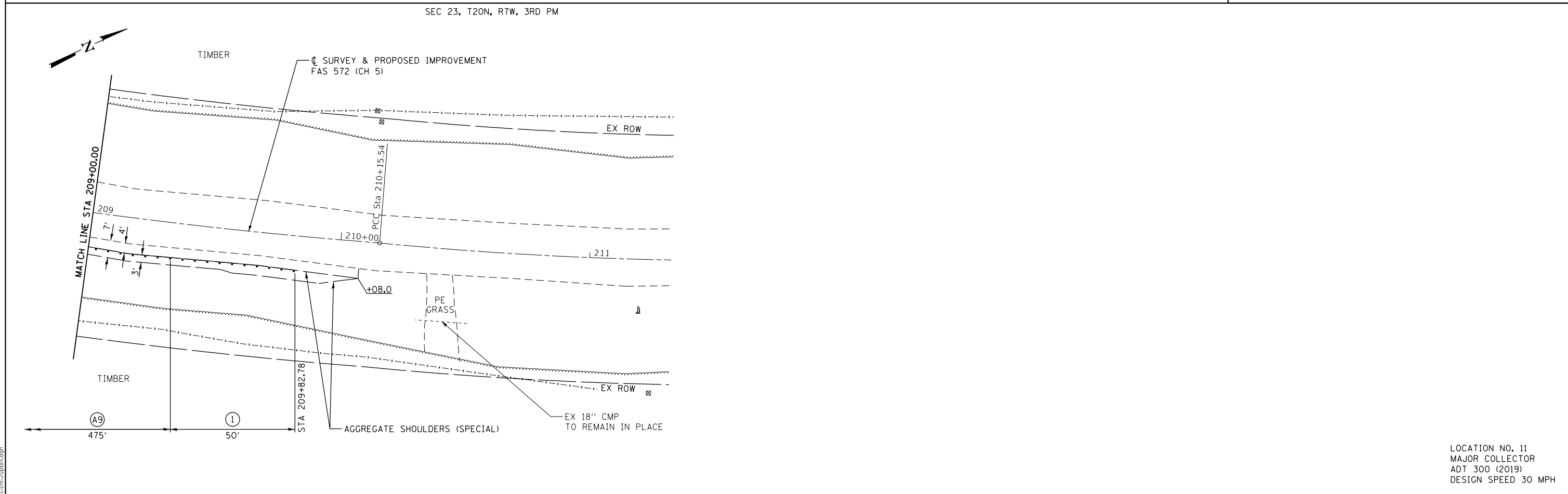
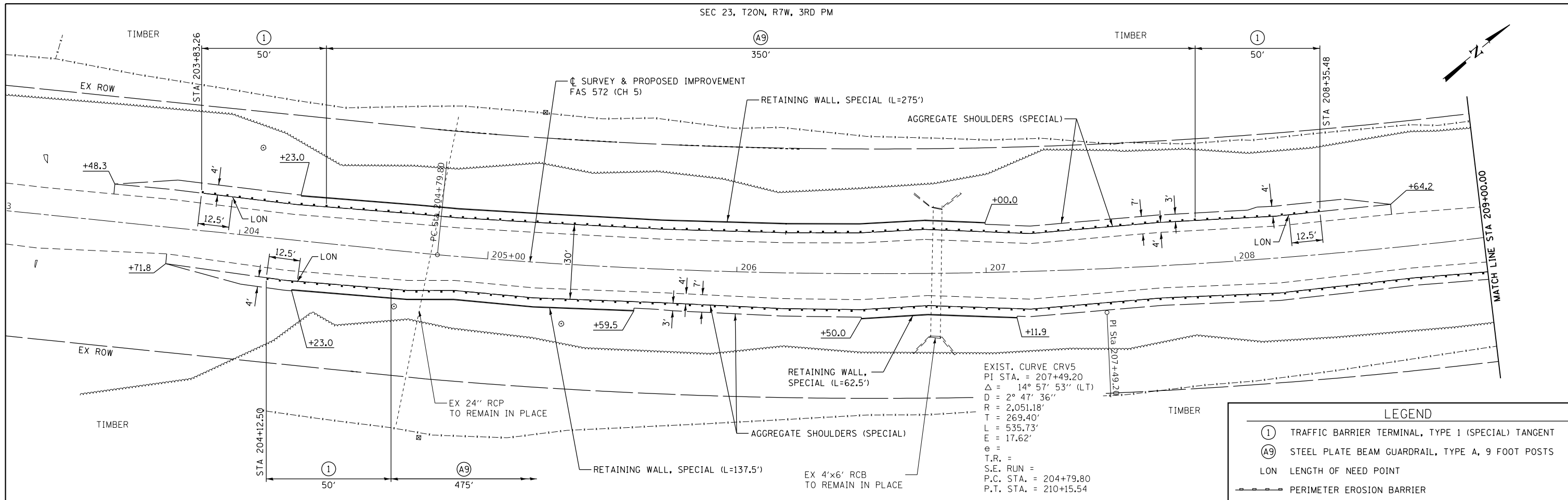
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FILE NAME = 2581.1-shr-20plan.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 12/05/2022	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN - LOCATION NO. 10

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	31
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				



LOCATION NO. 11
 MAJOR COLLECTOR
 ADT 300 (2019)
 DESIGN SPEED 30 MPH

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

PLAN - LOCATION NO. 11



JOB = 2581.1
 FILE NAME = 2581.1-sht-20plan.dgn
 PLOT SCALE = 40,0000' / in.
 PLOT DATE = 2/22/2023

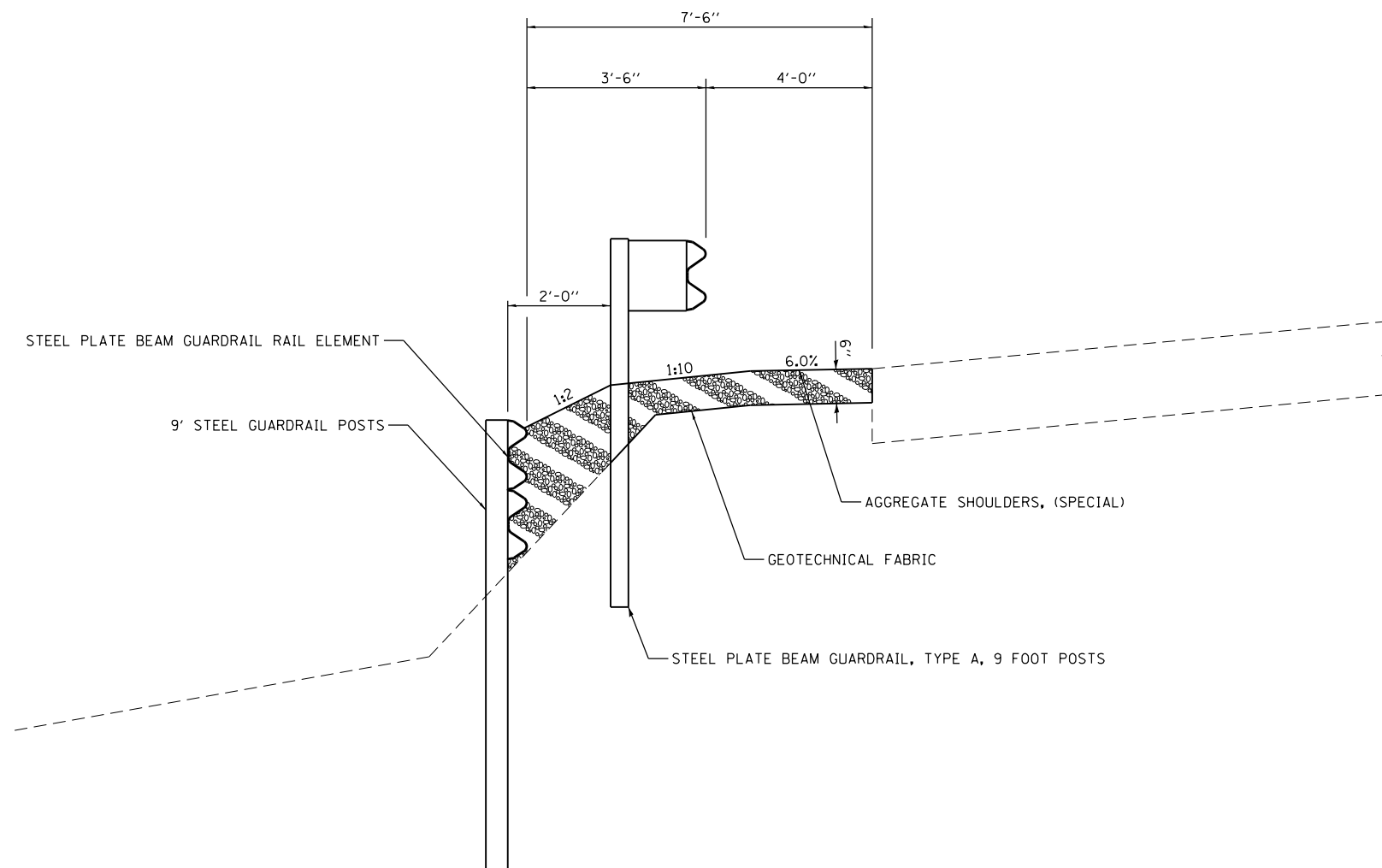
DESIGNED - CGF
 DRAWN - SJS
 CHECKED - THF
 DATE - 12/05/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	32
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

MODEL: D:\m\11...
 FILE NAME: 2581.1-sht-20plan.dgn



RETAINING WALL, SPECIAL

GENERAL NOTES

THIS WORK SHALL BE DONE IN ACCORDANCE TO THE APPLICABLE PORTIONS OF SECTION 630 OF THE STANDARD SPECIFICATIONS.

POST SPACING SHALL BE 6'-3".

STEEL PLATE BEAM GUARDRAIL SHALL BE ACCORDING TO THE REQUIREMENTS OF AASHTO M 180, TYPE 1, CLASS A.

STEEL PLATE BEAM GUARDRAIL AND STEEL POSTS SHALL BE 9'-0" LONG AND IN ACCORDANCE WITH ARTICLES 1006.23 AND 1006.25 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION MANUAL. ANY SALVAGE RAIL ELEMENTS THAT WERE NOT DAMAGED BY THE CONTRACTOR DURING THE REMOVAL MAY BE USED IN LIEU OF NEW RAIL ELEMENTS AND POSTS.

ALL SECTIONS OF GUARDRAIL SHALL BE BOLTED TOGETHER.

RAIL ELEMENTS SHALL BE BOLTED TO POST.

BOTTOM OF RAIL SHALL BE EMBEDDED INTO THE FORESLOPE UNTIL NO GAP EXISTS BETWEEN THE BOTTOM OF THE RAIL AND THE EXISTING GROUND.

GEOTECHNICAL FABRIC SHALL BE PLACED BEHIND THE RAIL ELEMENT AND ON THE GROUND BEHIND THE EXISTING GUARDRAIL BEFORE PLACING THE AGGREGATE WEDGE SHOULDERS. THE INSTALLATION AND MATERIAL FOR GEOTECHNICAL FABRIC SHALL BE ACCORDING TO SECTION 210 OF THE STANDARD SPECIFICATIONS.

AGGREGATE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE SHOULDER, (SPECIAL).

MODEL: Default
FILE NAME: 2581.1-shd-detail.dgn



JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shd-details.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/9/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

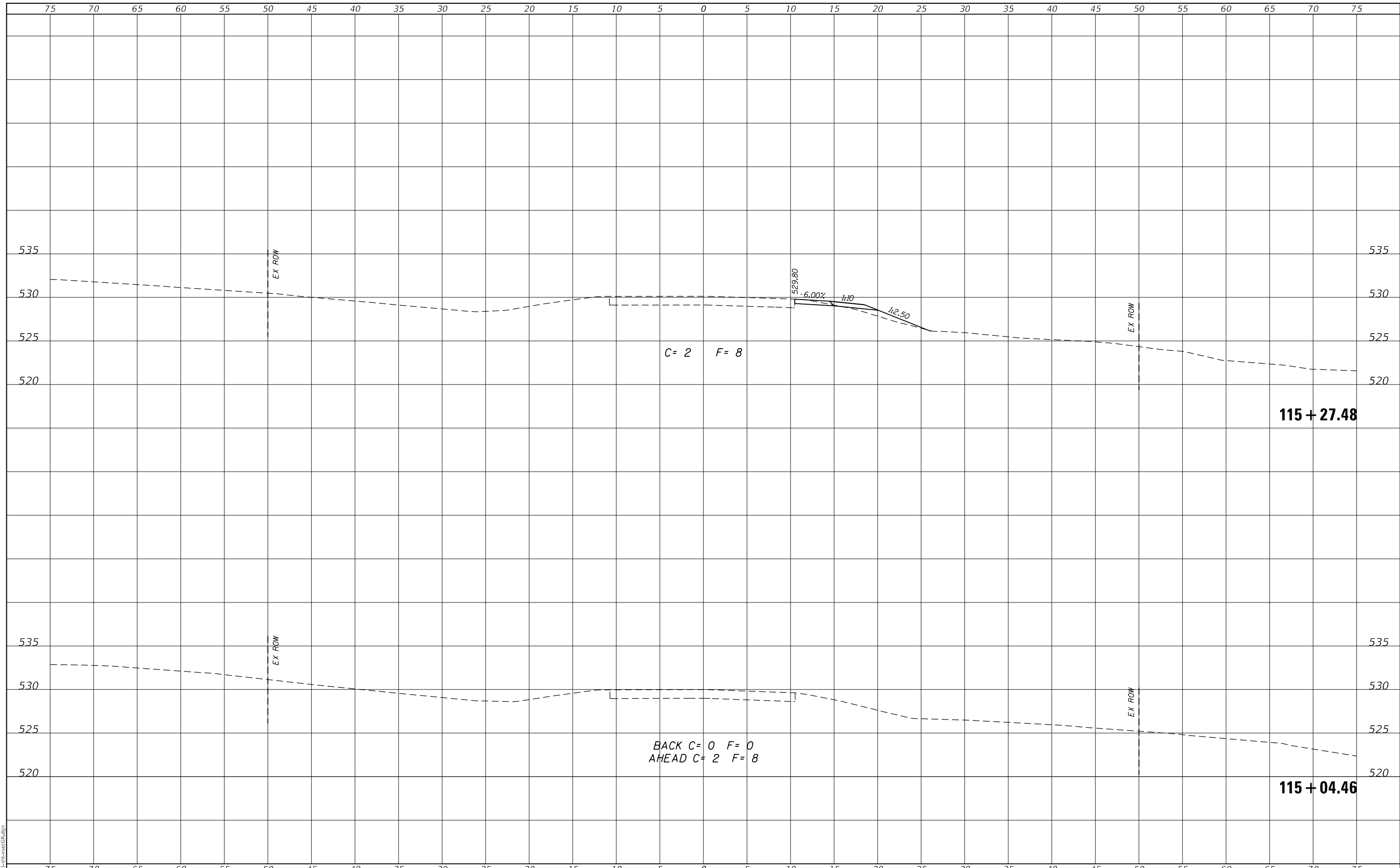
RETAINING WALL, SPECIAL DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	33
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



MODEL: Defaulr
 FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

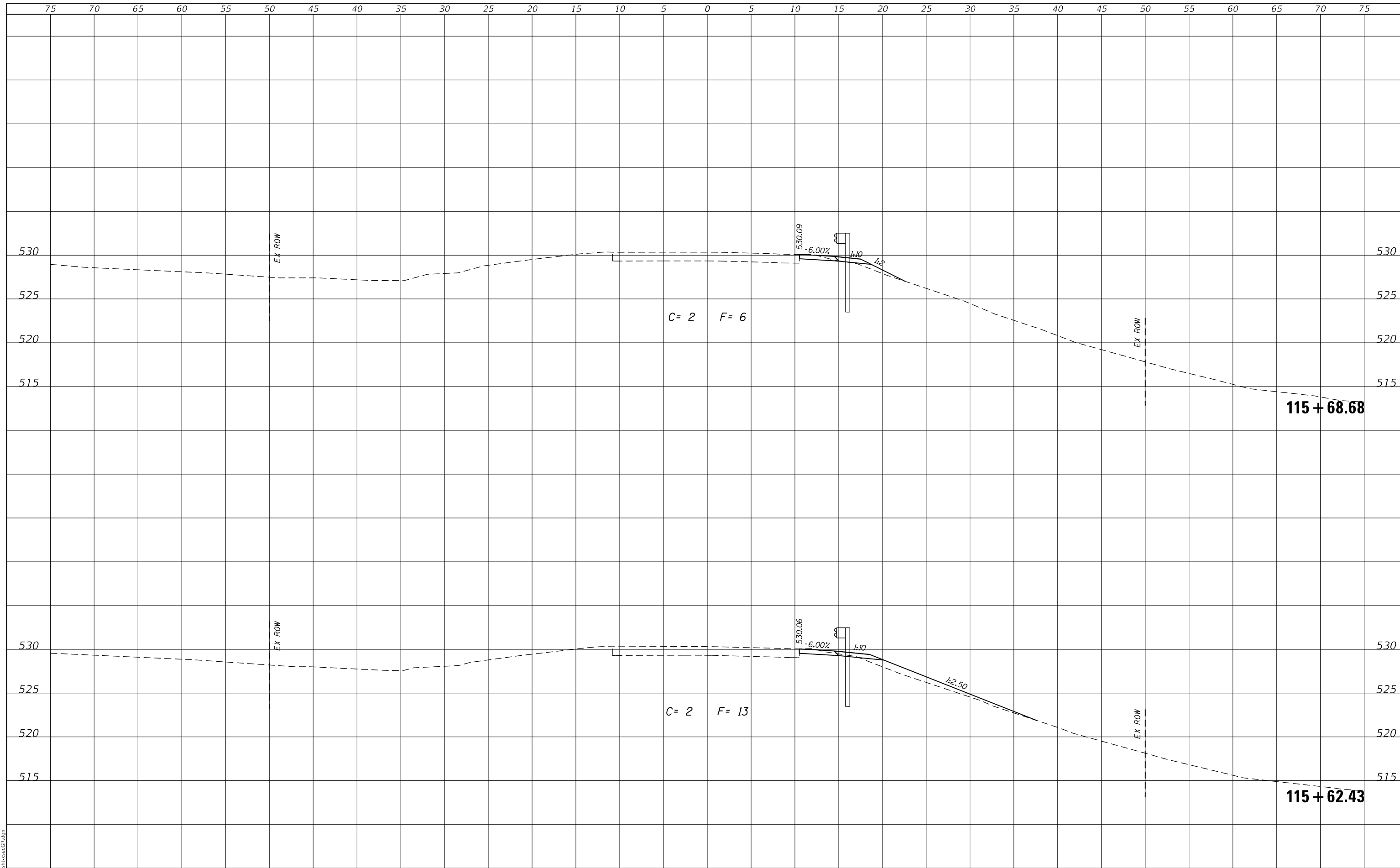
CROSS SECTIONS - LOCATION 1

SCALE: SHEET OF SHEETS STA. 115+04.46 TO STA. 115+27.48

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	34
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

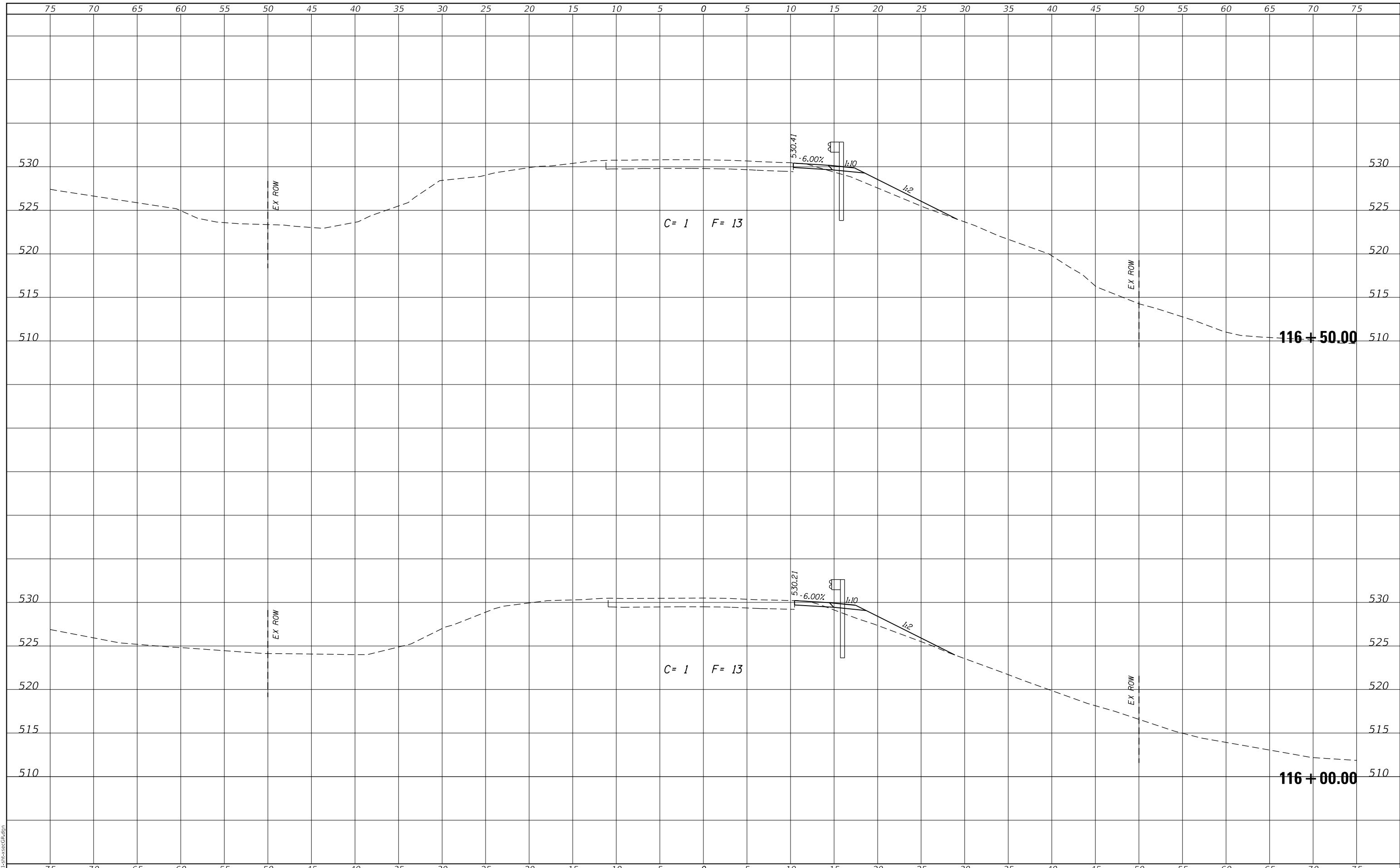
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 1			
SCALE:	SHEET	OF	SHEETS
STA. 115+62.43		TO STA. 115+68.68	

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 35
CONTRACT NO. 93806			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

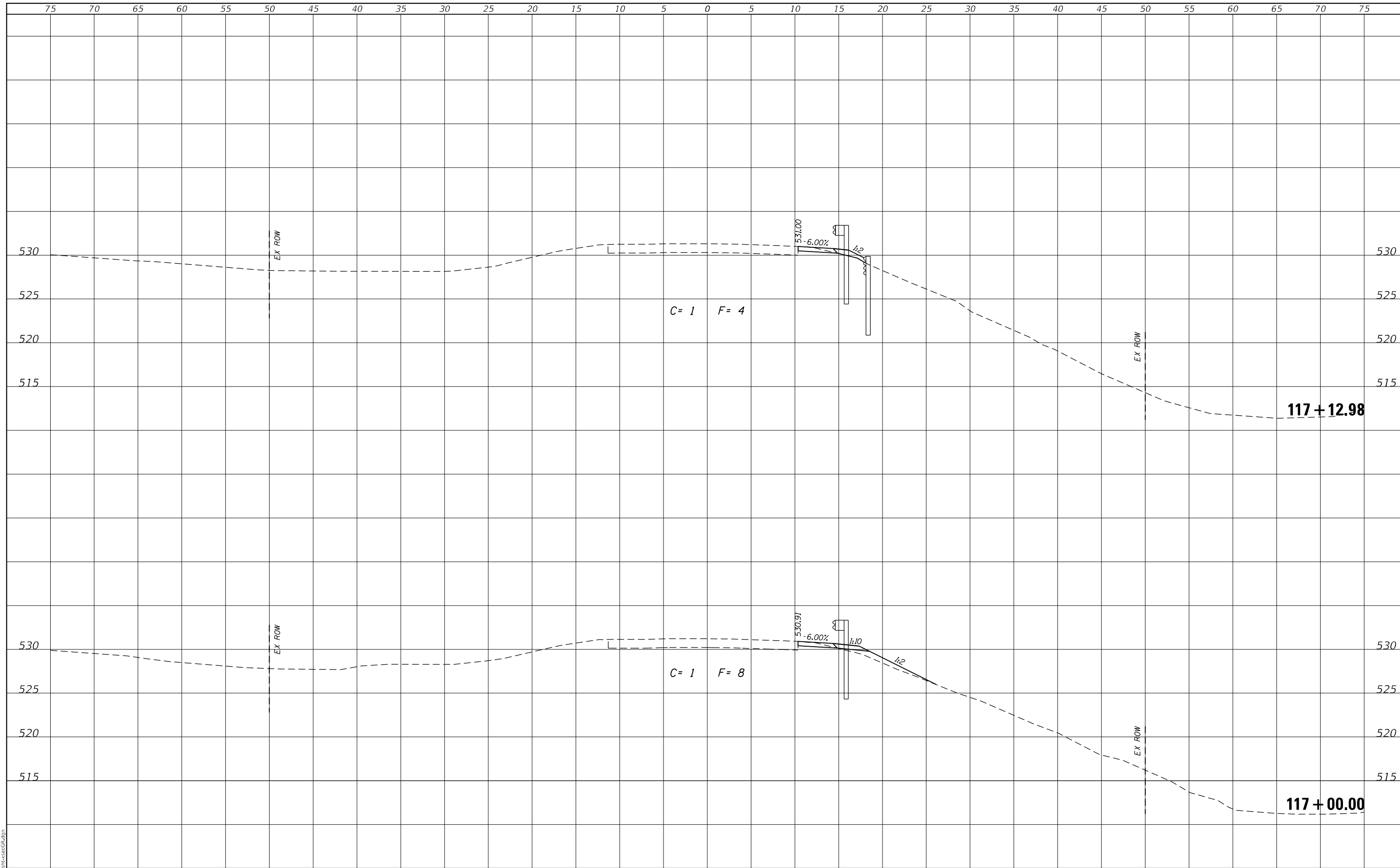
CROSS SECTIONS - LOCATION 1

SCALE: SHEET OF SHEETS STA. 116+00.00 TO STA. 116+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	36
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



C= 1 F= 4

C= 1 F= 8

117 + 12.98

117 + 00.00



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 1

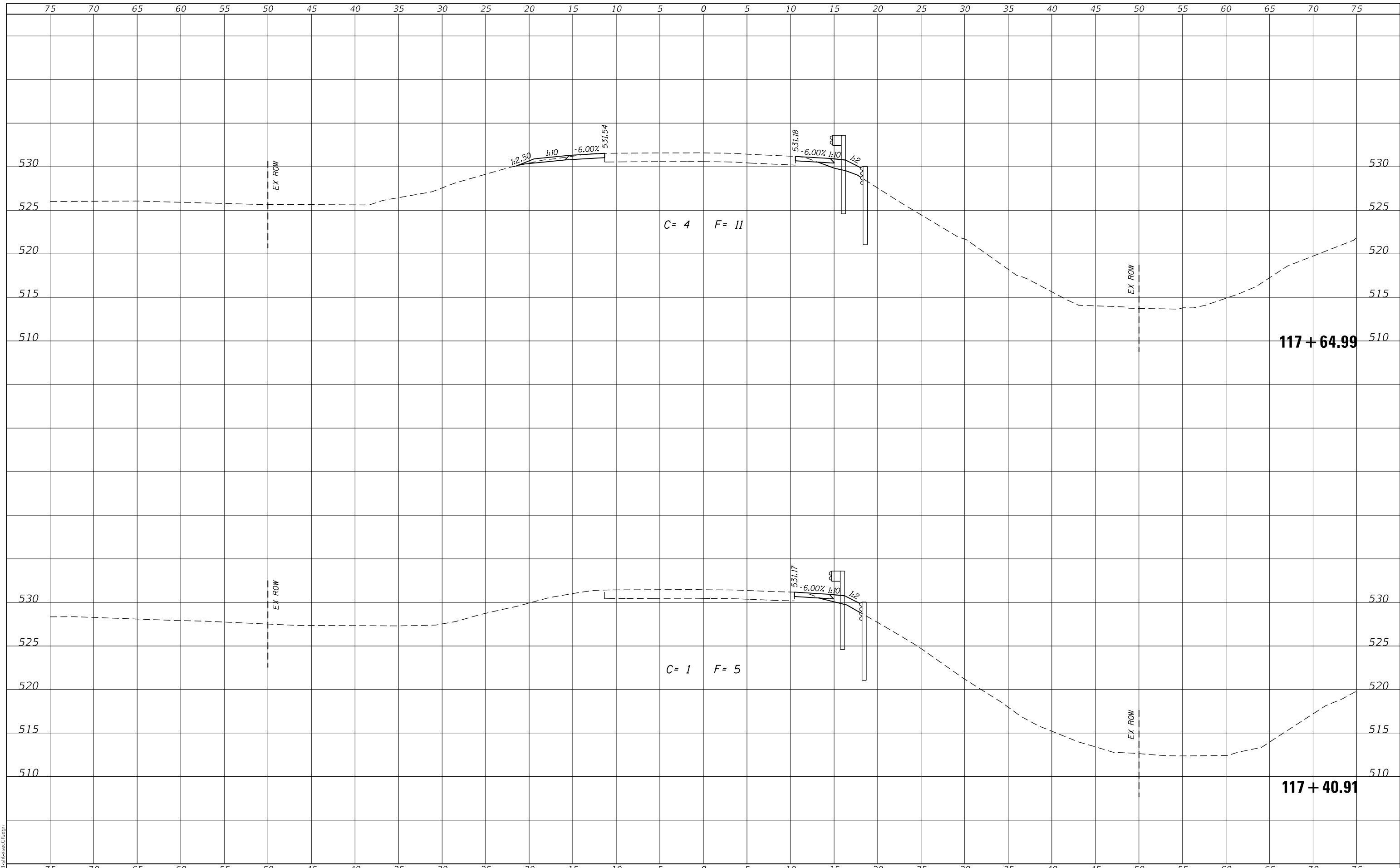
SCALE: SHEET OF SHEETS STA. 117+00.00 TO STA. 117+12.98

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	37
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

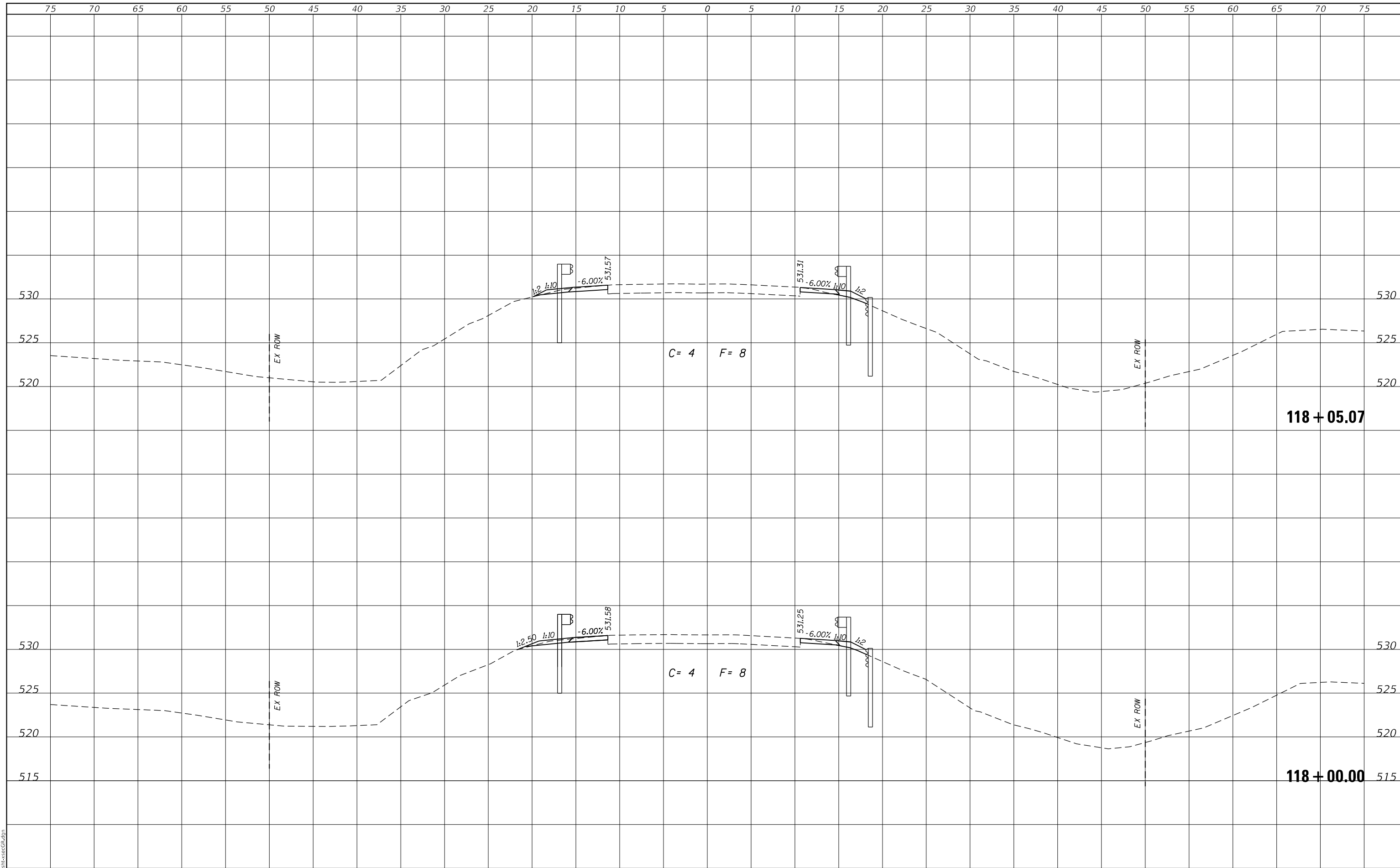
CROSS SECTIONS - LOCATION 1

SCALE: SHEET OF SHEETS STA. 117+40.91 TO STA. 117+64.99

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	38
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

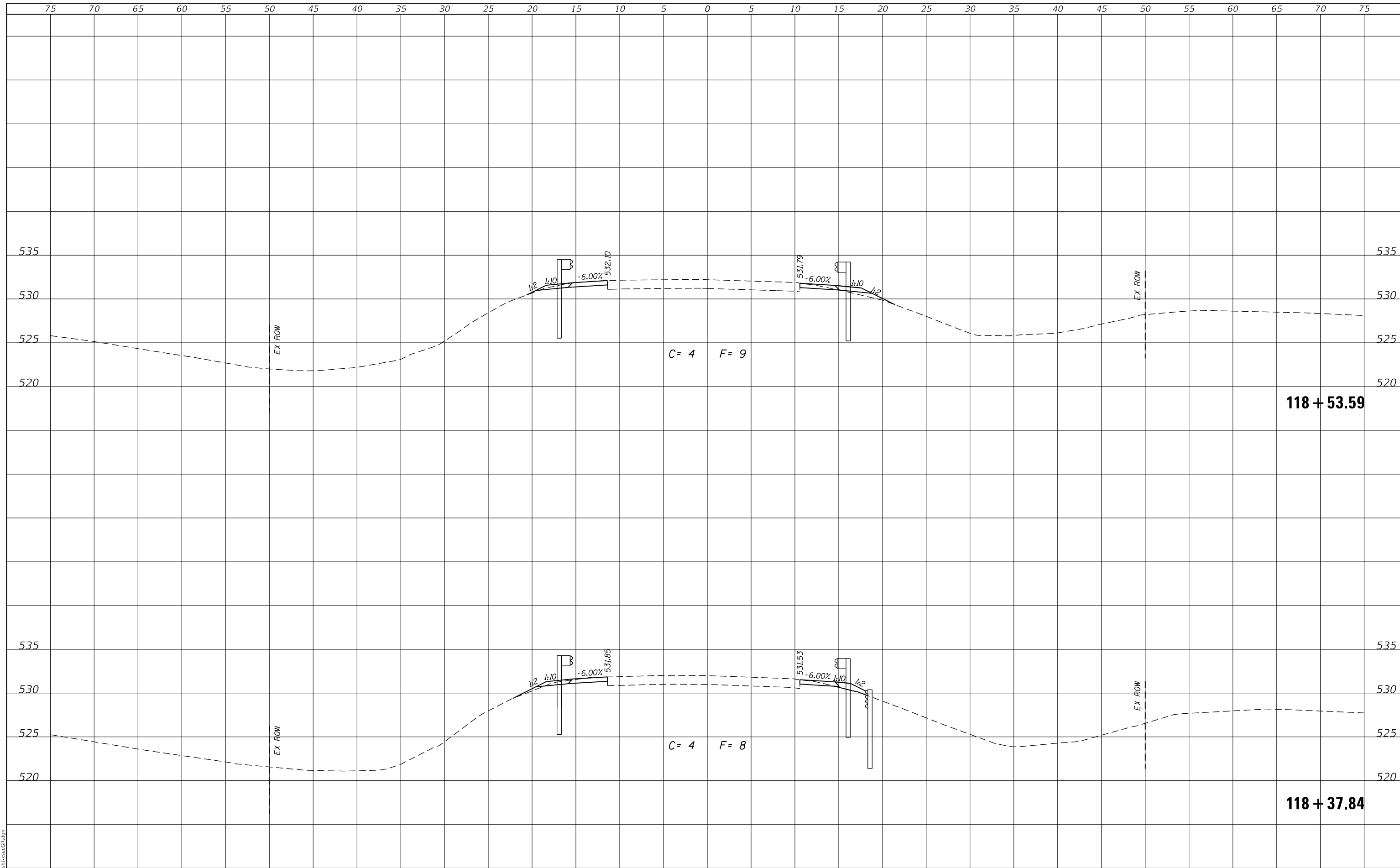
CROSS SECTIONS - LOCATION 1

SCALE: SHEET OF SHEETS STA. 118+00.00 TO STA. 118+05.07

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	39
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

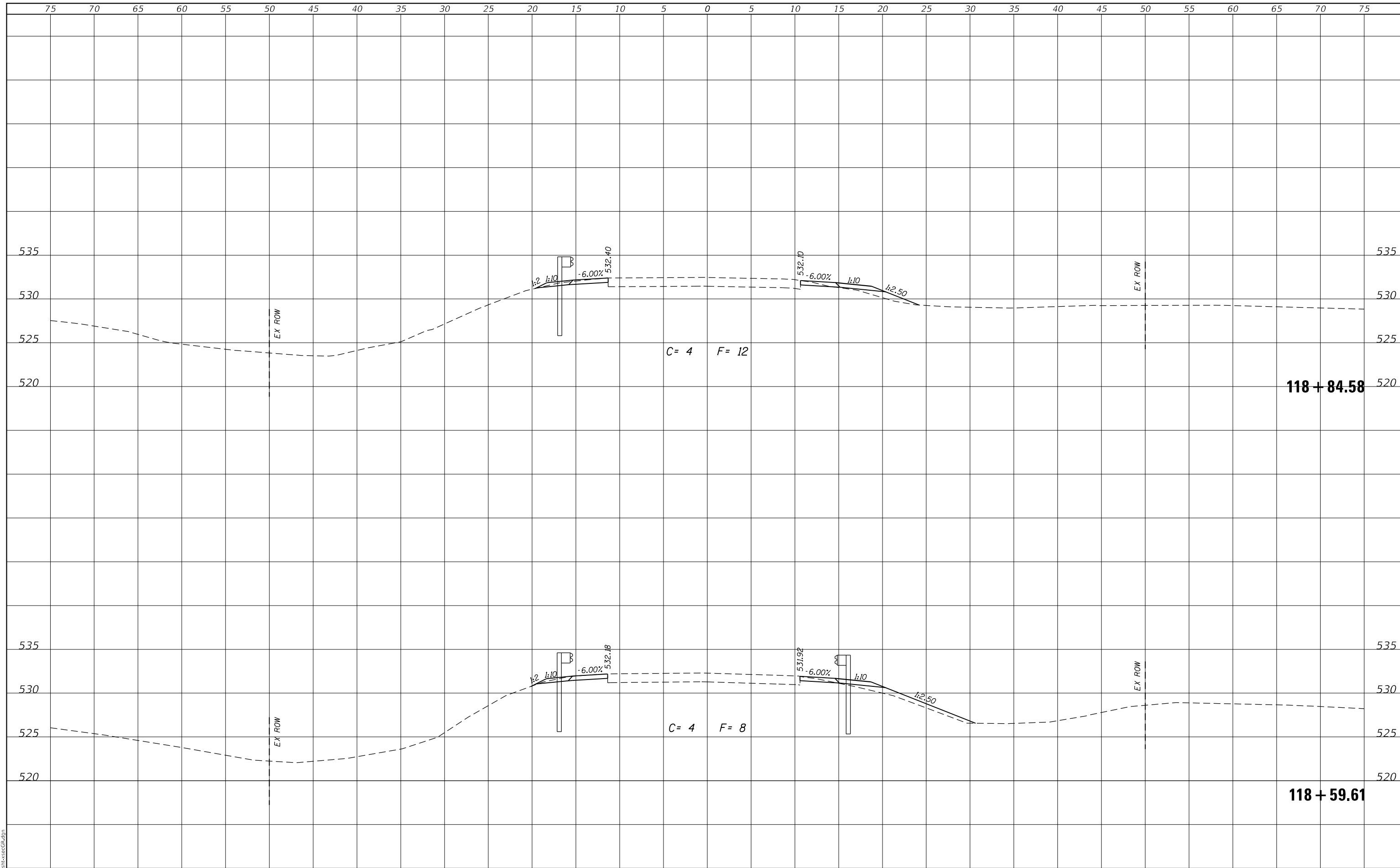
CROSS SECTIONS - LOCATION 1

SCALE: SHEET OF SHEETS STA. 118+37.84 TO STA. 118+53.59

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	40
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

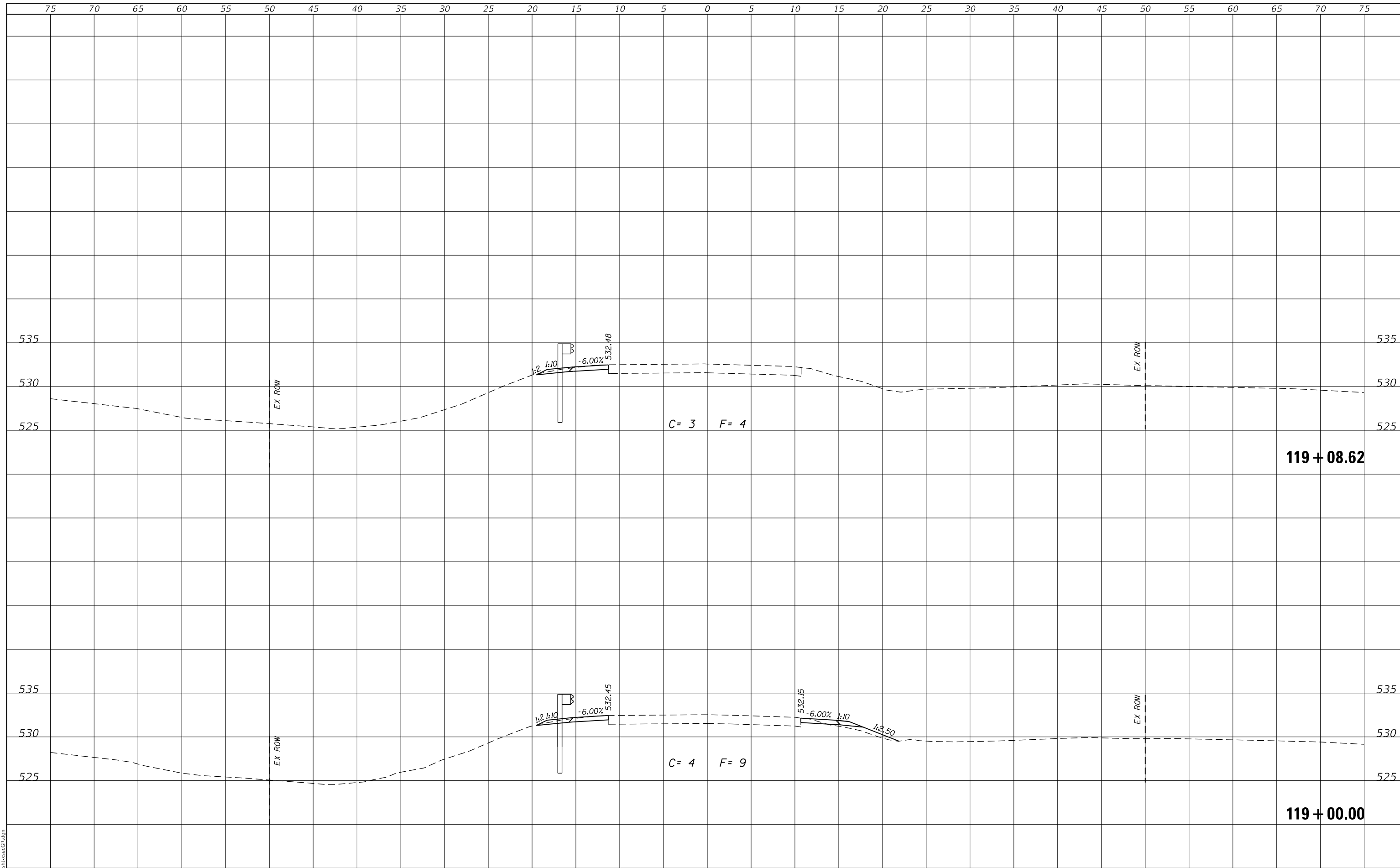
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 1			
SCALE:	SHEET	OF	SHEETS
			STA. 118+59.61 TO STA. 118+84.58

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 41
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

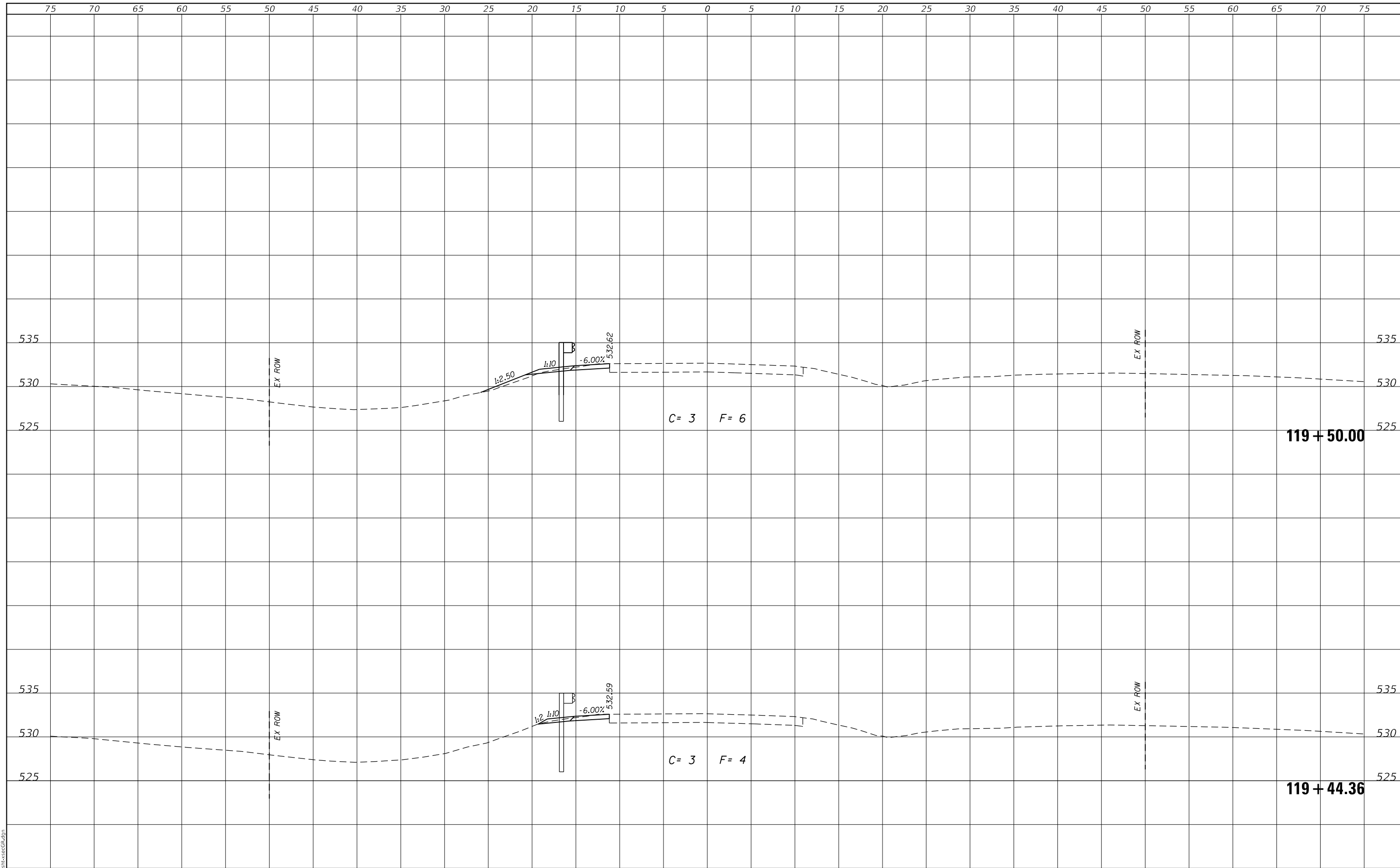
CROSS SECTIONS - LOCATION 1

SCALE: SHEET OF SHEETS STA. 119+00.00 TO STA. 119+08.62

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	42
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

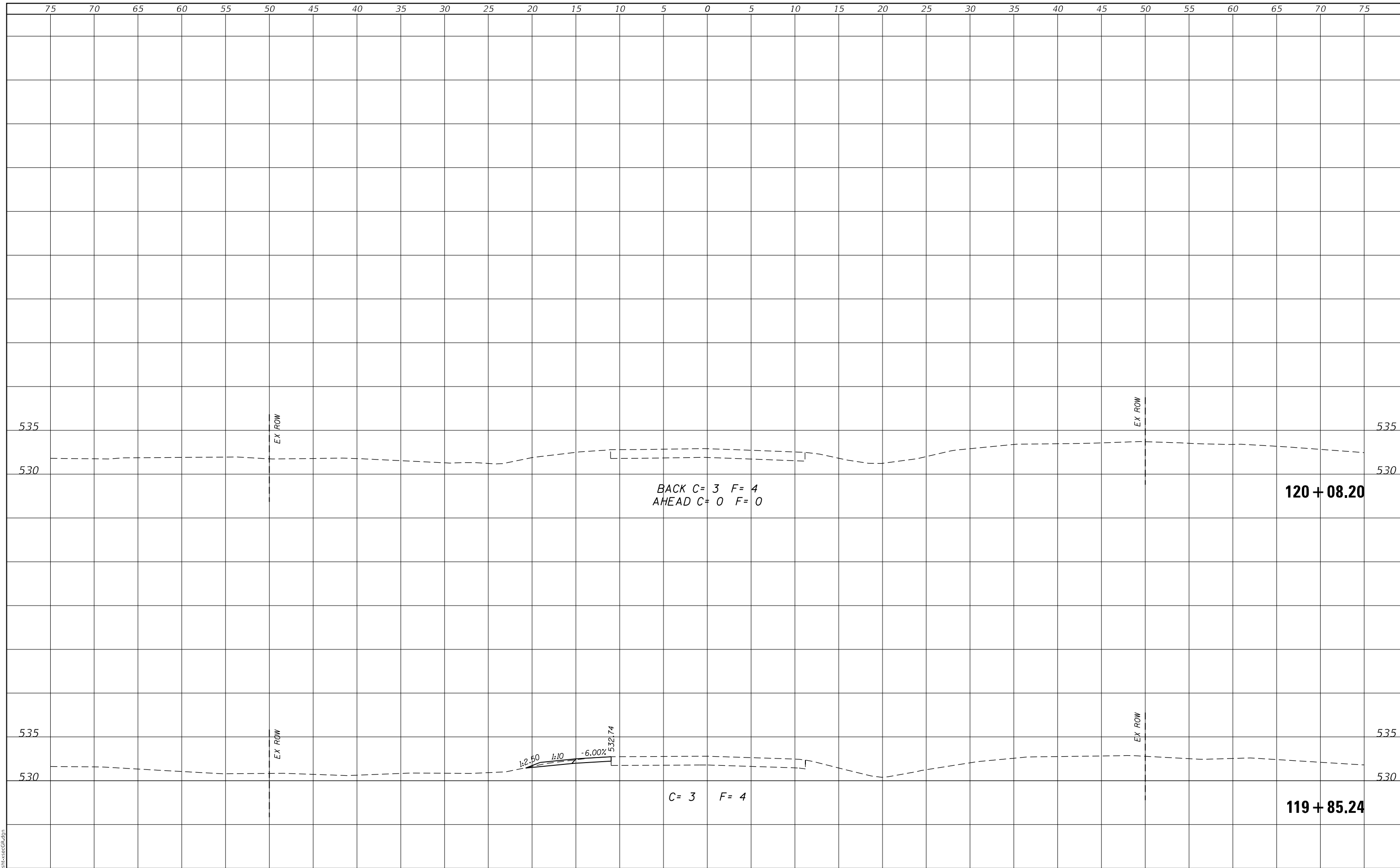
CROSS SECTIONS - LOCATION 1

SCALE: SHEET OF SHEETS STA. 119+44.36 TO STA. 119+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	43
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

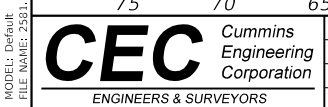


BACK C= 3 F= 4
AHEAD C= 0 F= 0

120 + 08.20

C= 3 F= 4

119 + 85.24



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 1

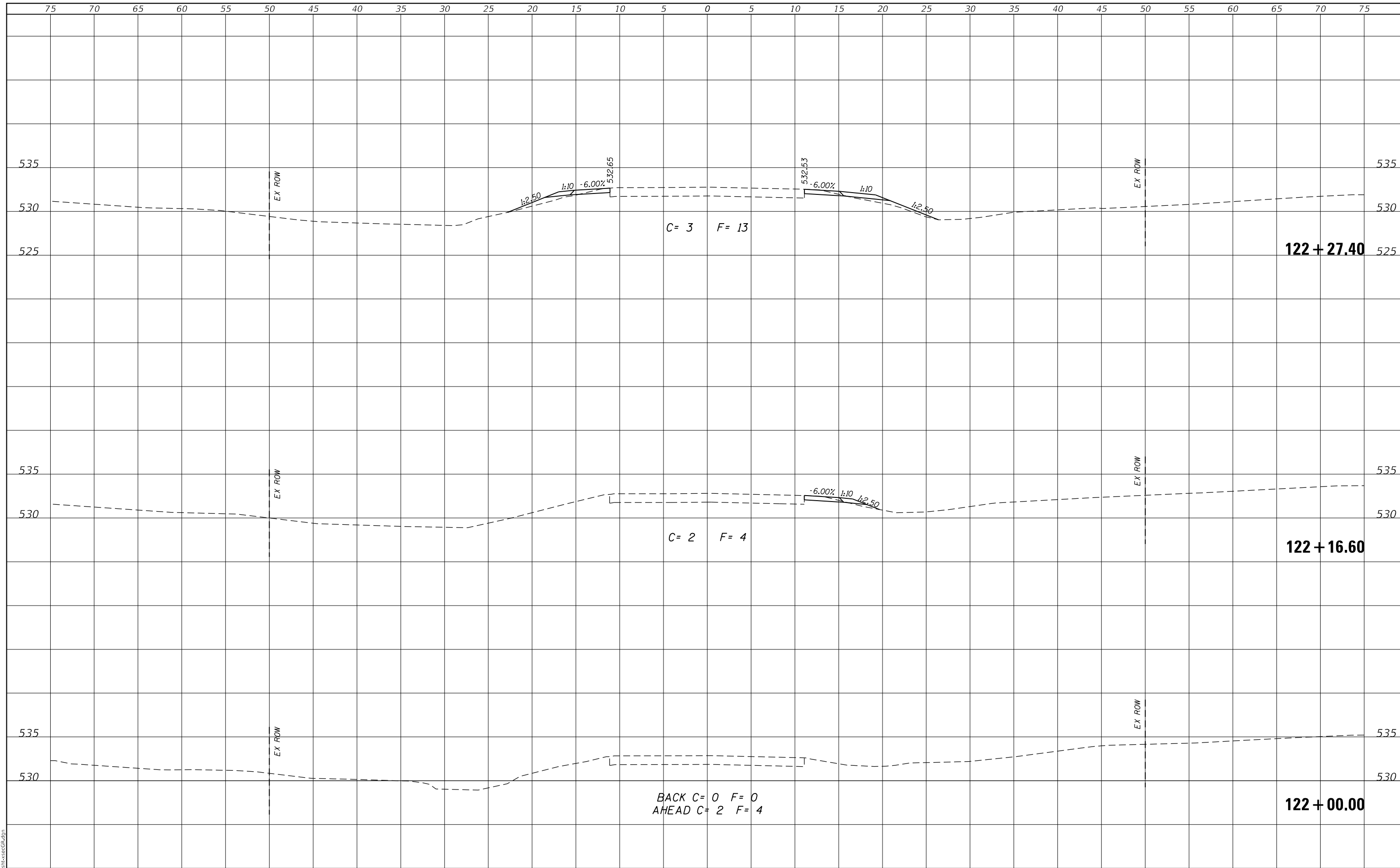
SCALE: SHEET OF SHEETS STA. 119+85.24 TO STA. 120+08.20

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	44
				CONTRACT NO. 93806
ILLINOIS FED. AID PROJECT				

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB#	2581.1	DESIGNED	-	CGF	REVISED	-
FILE NAME	= 2581.1-shr-xsecGR.dgn	DRAWN	-	SJS	REVISED	-
PLOT SCALE	= 10.0000 ' / in.	CHECKED	-	THF	REVISED	-
PLOT DATE	= 2/22/2023	DATE	-	1/13/2023	REVISED	-

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

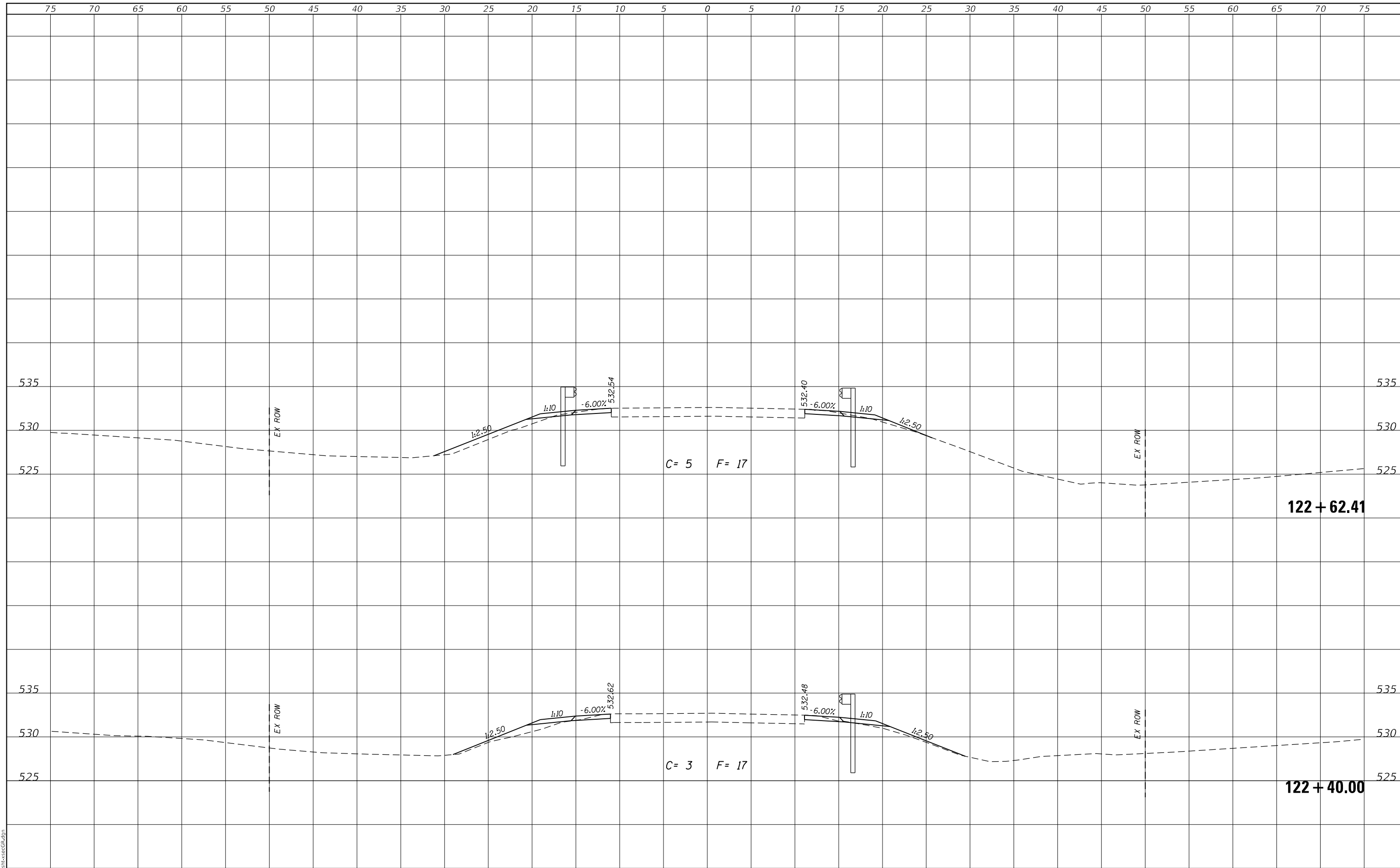
CROSS SECTIONS - LOCATION 2

SCALE: SHEET OF SHEETS STA. 122+00.00 TO STA. 122+27.40

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	45
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB =	2581.1
FILE NAME =	2581.1-shr-xsecGR.dgn
PLOT SCALE =	10.0000 ' / in.
PLOT DATE =	2/22/2023

DESIGNED -	CGF	REVISED -	
DRAWN -	SJS	REVISED -	
CHECKED -	THF	REVISED -	
DATE -	1/13/2023	REVISED -	

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

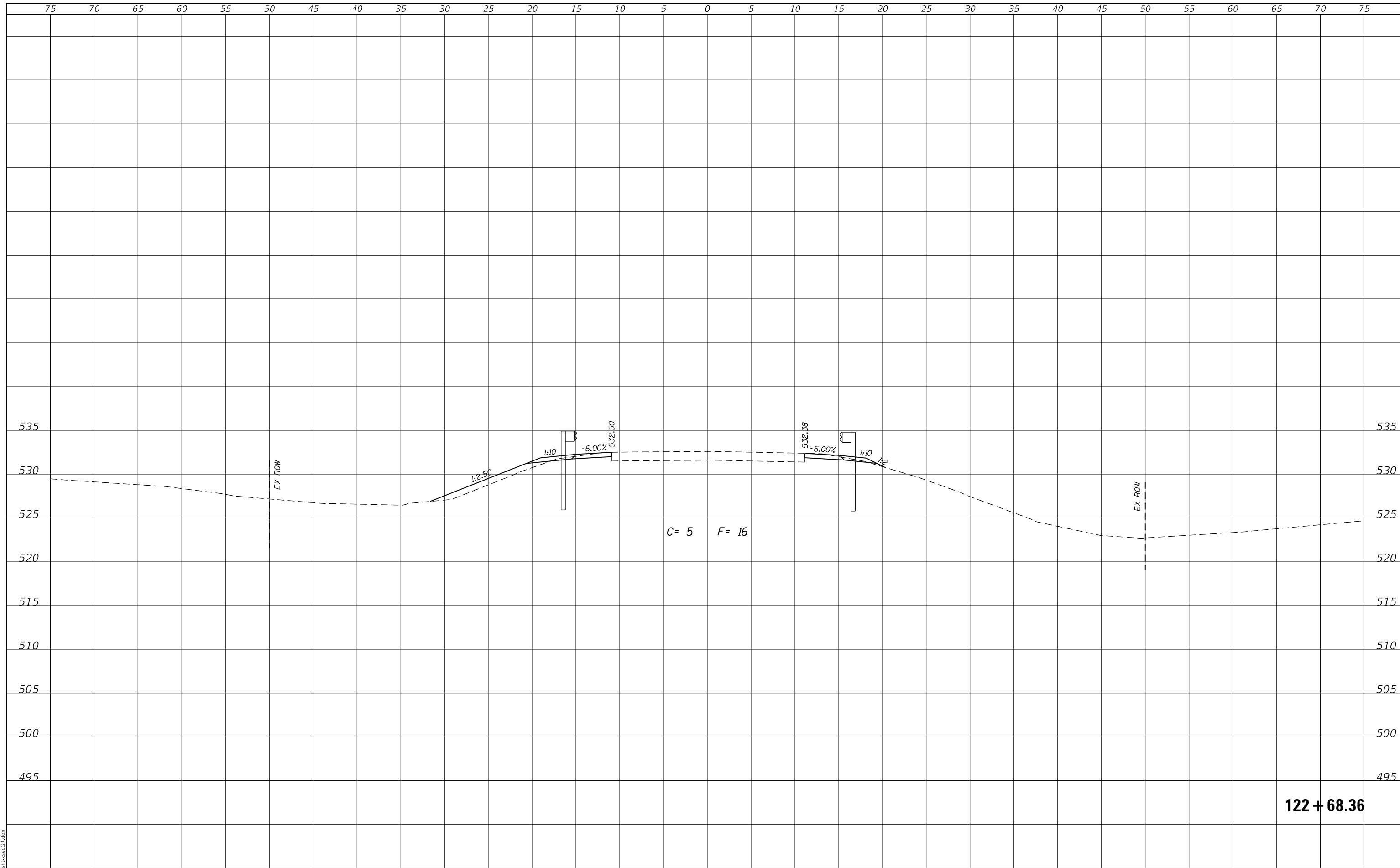
CROSS SECTIONS - LOCATION 2

SCALE: SHEET OF SHEETS STA. 122+40.00 TO STA. 122+62.41

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	46
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 2

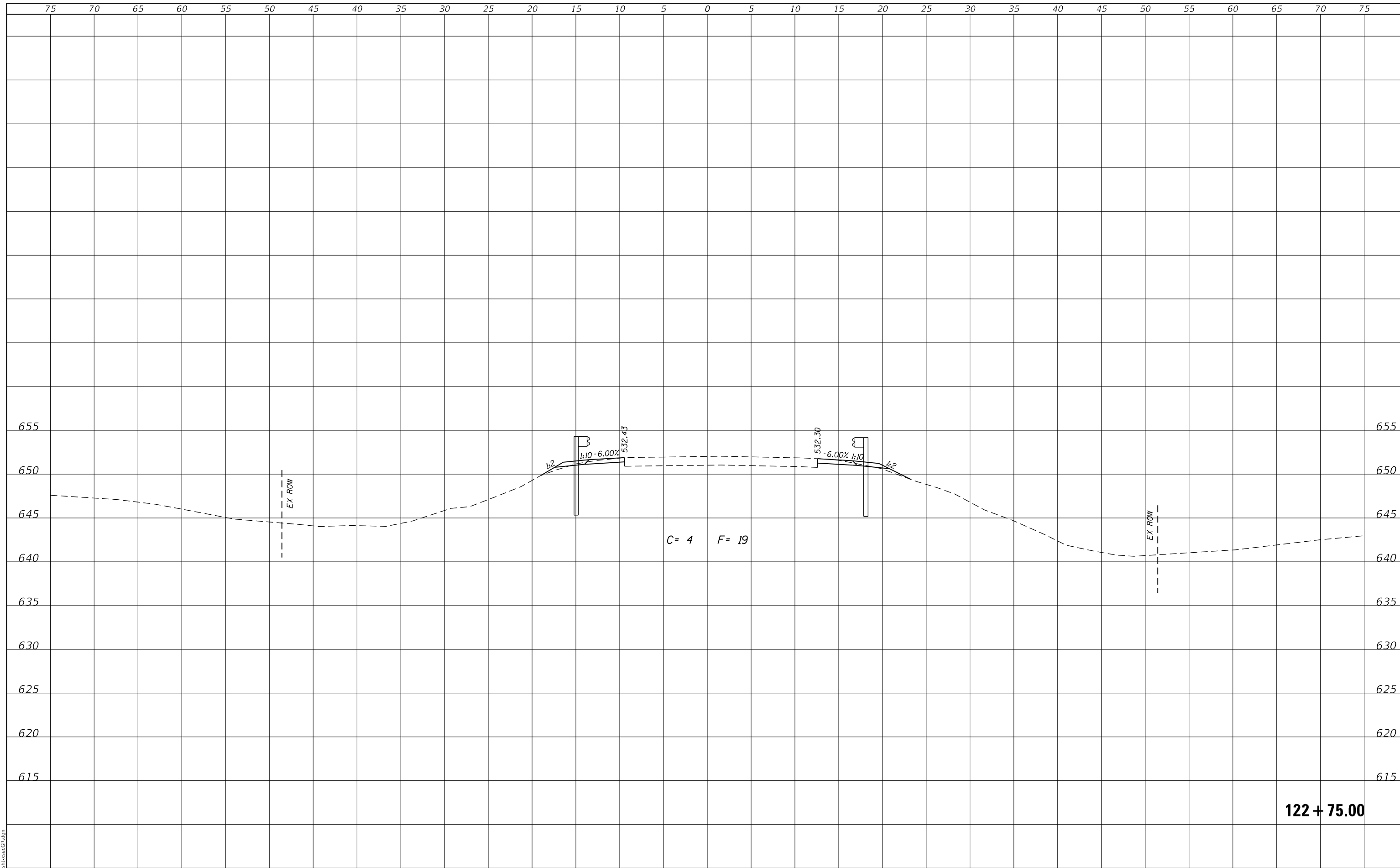
SCALE:	SHEET	OF	SHEETS	STA. 122+68.36	TO STA. 122+68.36
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F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 47
			CONTRACT NO. 93806	
		ILLINOIS FED. AID PROJECT		

122 + 68.36

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

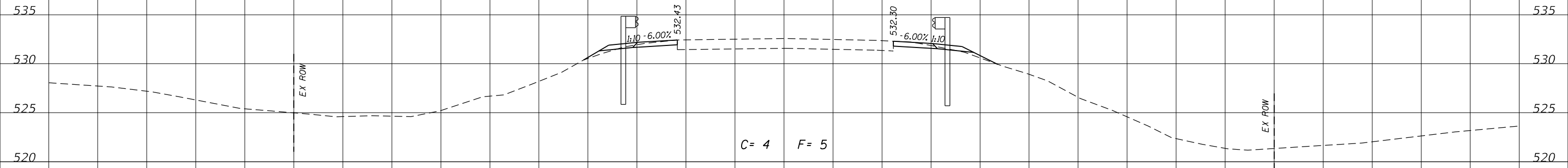
CROSS SECTIONS - LOCATION 2
SCALE: SHEET OF SHEETS STA. 122+75.00 TO STA. 122+75.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	48
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



122 + 80.96

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-sh-t-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 2

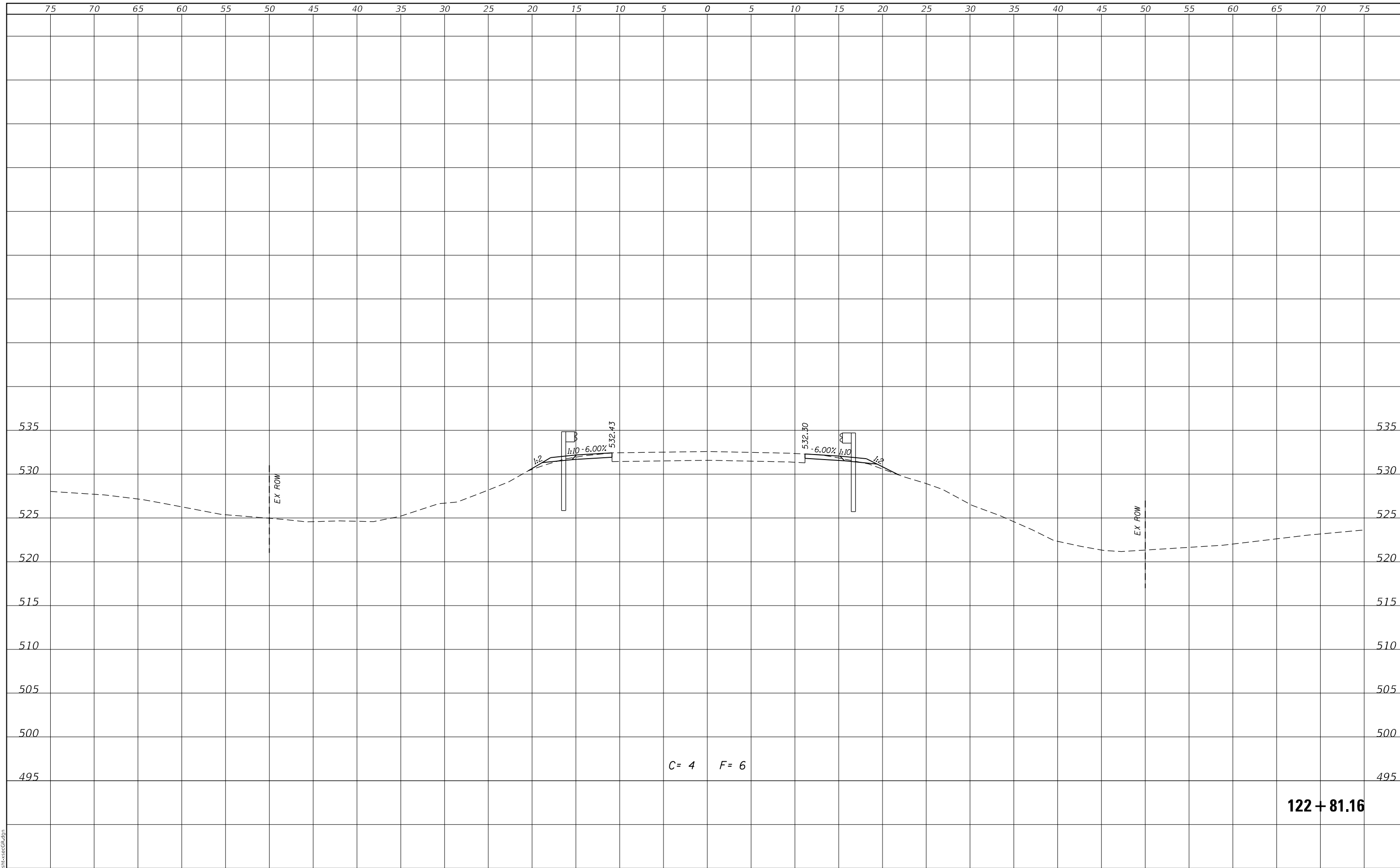
SCALE: SHEET OF SHEETS STA. 122+80.96 TO STA. 122+80.96

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	49
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

MODEL: Defaulr
FILE NAME: 2581.1-sh-t-xsecGR.dgn

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

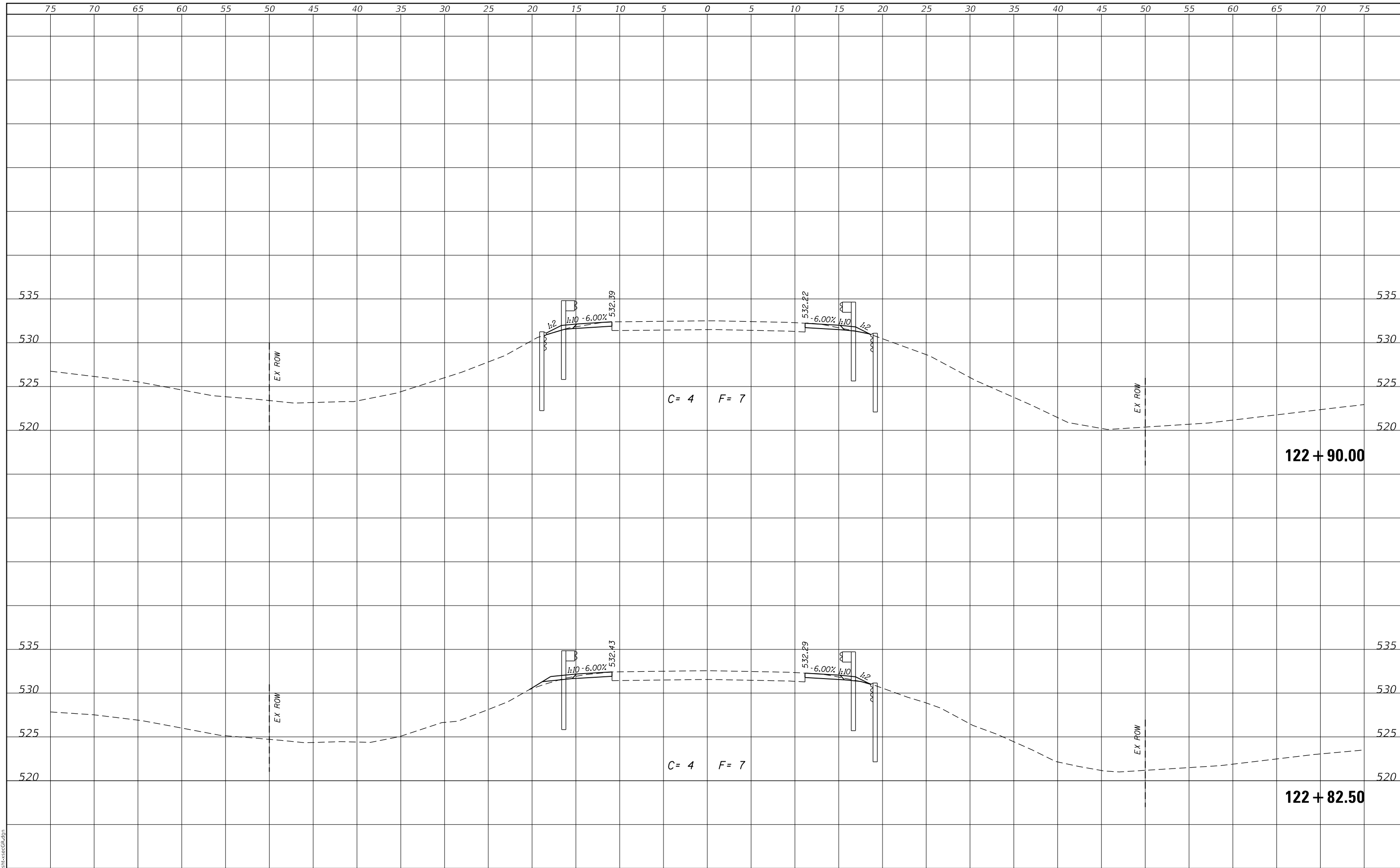
CROSS SECTIONS - LOCATION 2			
SCALE:	SHEET	OF	SHEETS
			STA. 122+81.16 TO STA. 122+81.16

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	50
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

122+81.16

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISIONS
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISIONS
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISIONS
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISIONS

DESIGNED - CGF	REVISIONS
DRAWN - SJS	REVISIONS
CHECKED - THF	REVISIONS
DATE - 1/13/2023	REVISIONS

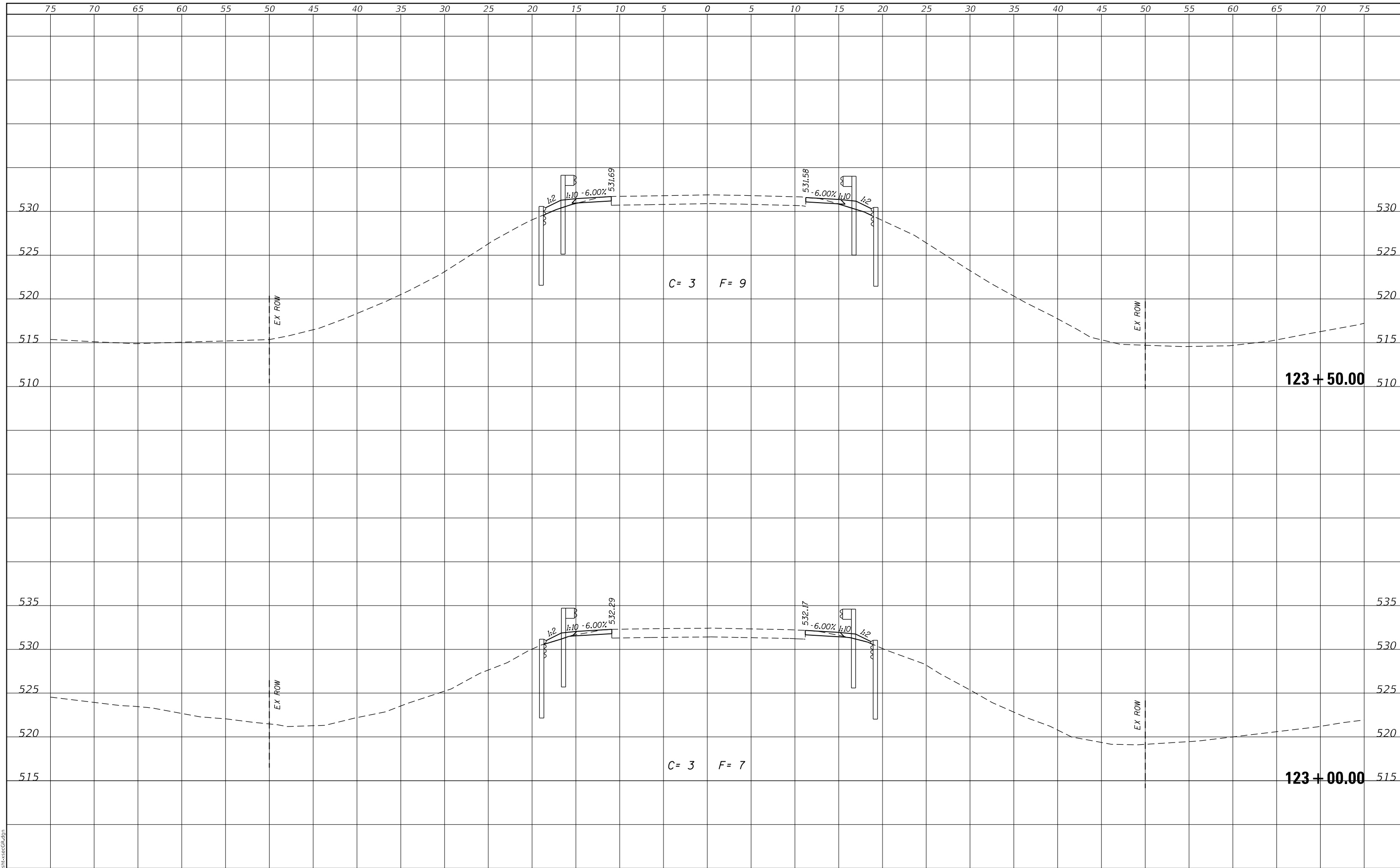
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 2	
SCALE:	SHEET OF SHEETS
STA. 122+82.50 TO STA. 122+90.00	

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 51
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
NO.	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

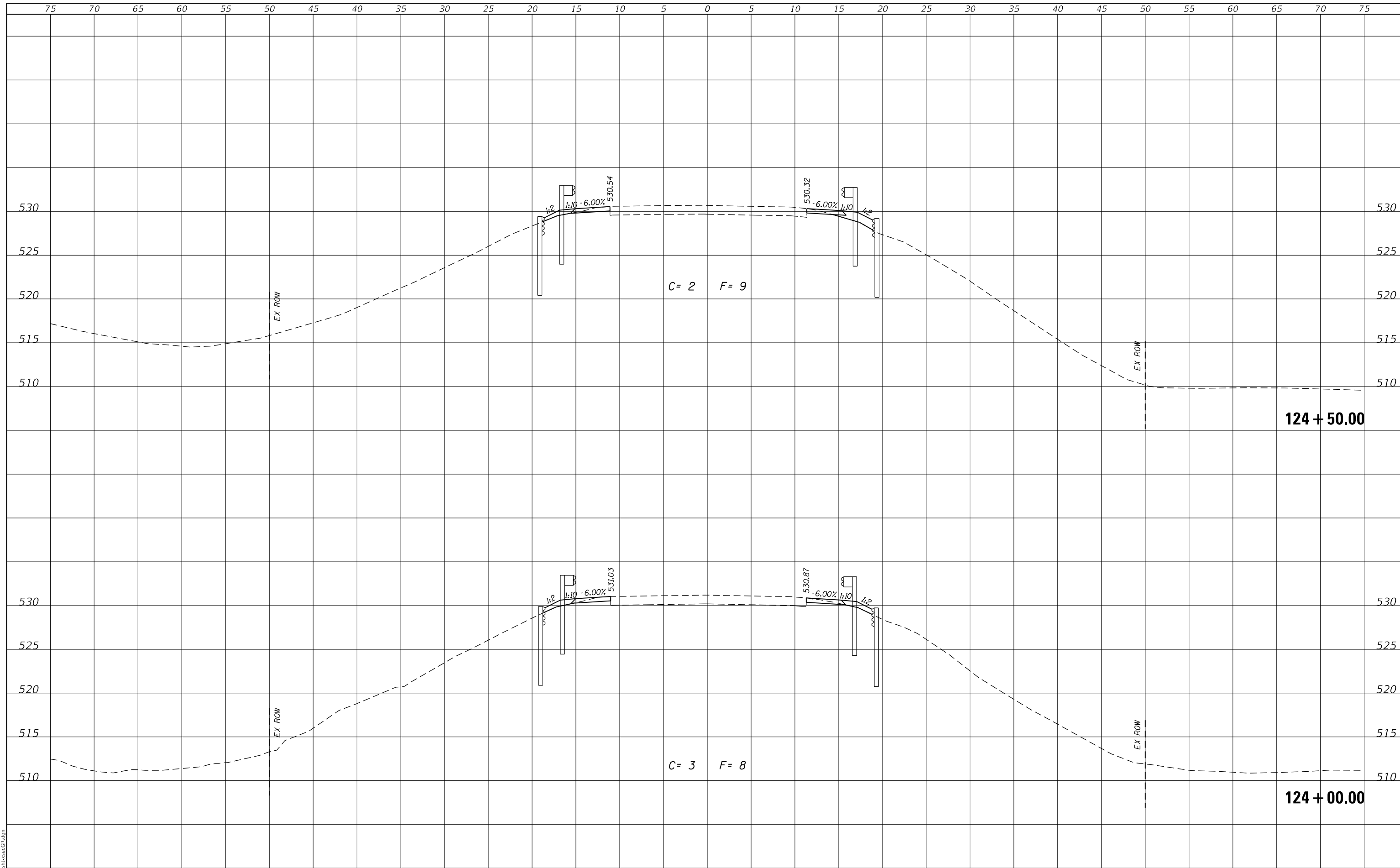
CROSS SECTIONS - LOCATION 2

SCALE: SHEET OF SHEETS STA. 123+00.00 TO STA. 123+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	52
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

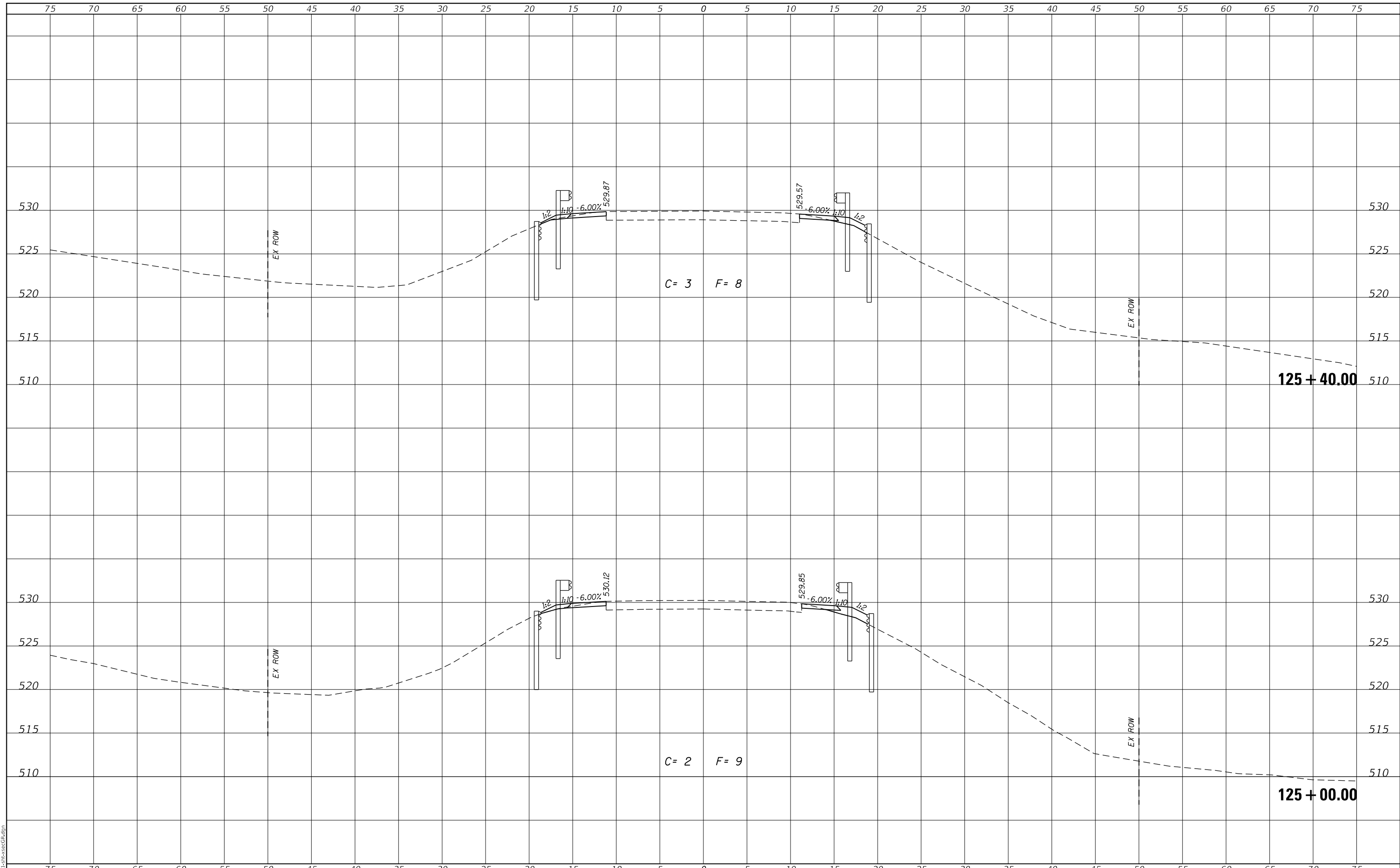
CROSS SECTIONS - LOCATION 2			
SCALE:	SHEET	OF	SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	53
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

MODEL: Defaul
FILE NAME: 2581.1-sht-xsecGR.dgn



CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-sht-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

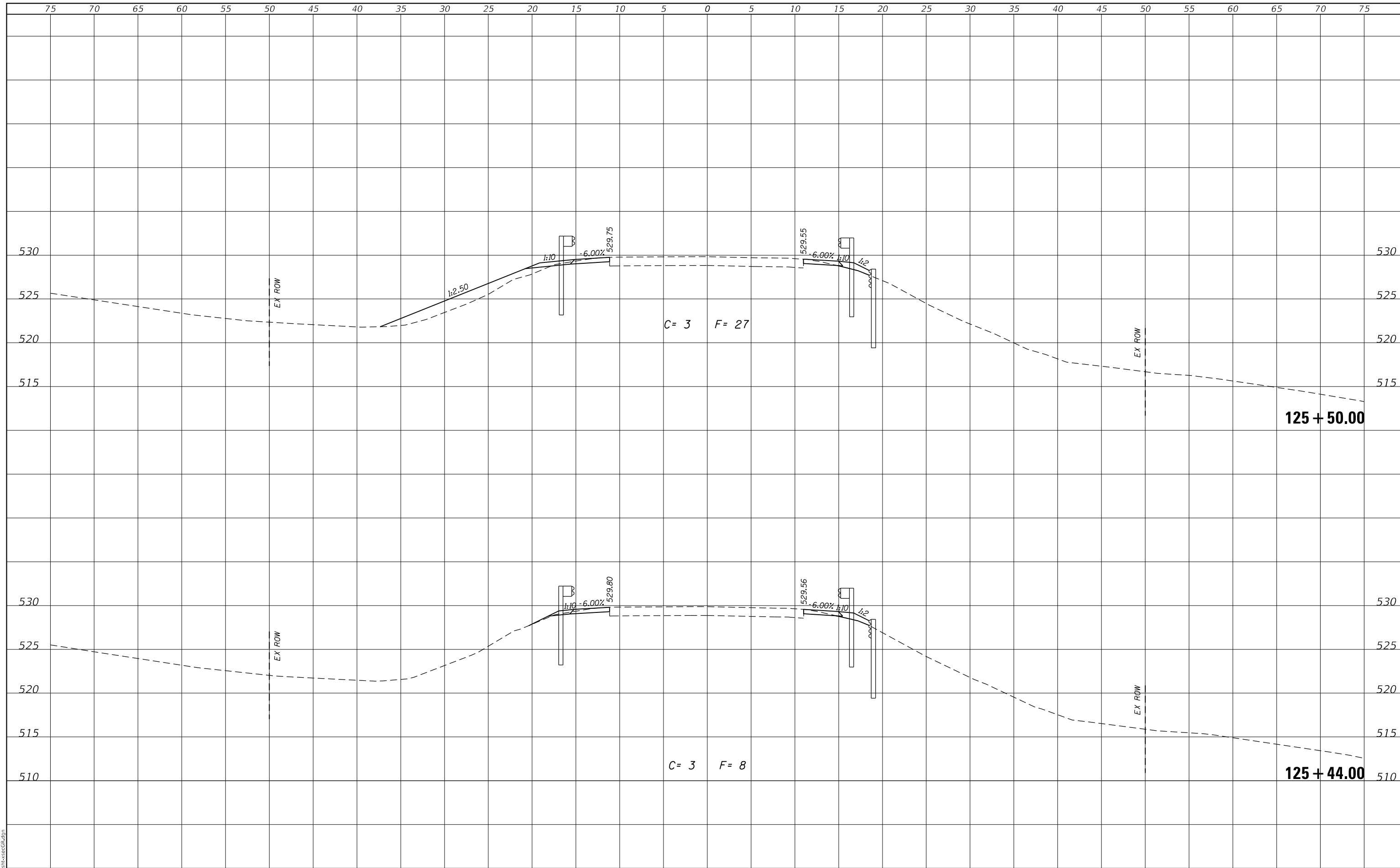
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 2			
SCALE:	SHEET	OF	SHEETS
STA. 125+00.00		TO STA. 125+40.00	

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 54
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

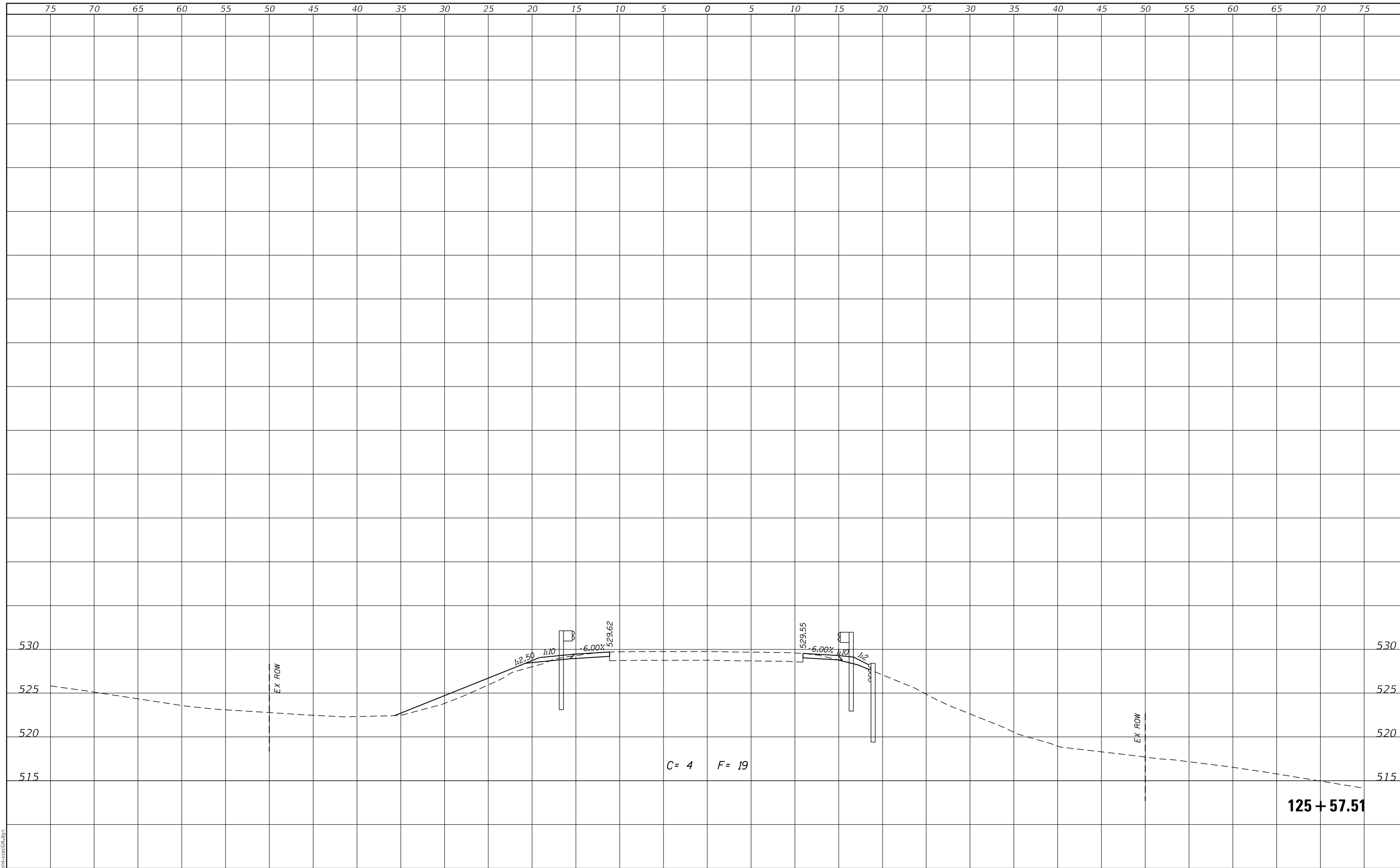
CROSS SECTIONS - LOCATION 2

SCALE: SHEET OF SHEETS STA. 125+44.00 TO STA. 125+50.00

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 55
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
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Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

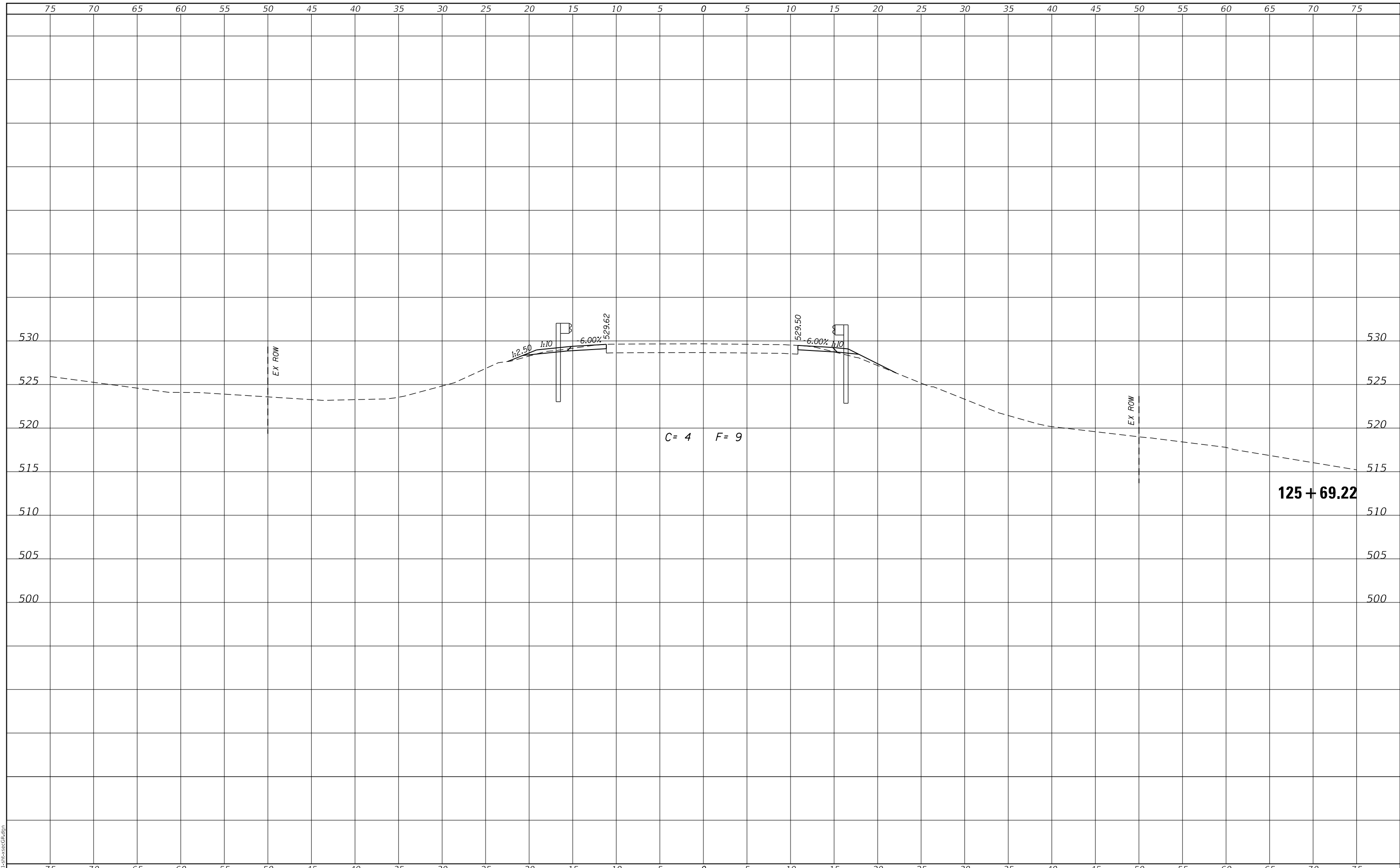
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 2			
SCALE:	SHEET	OF	SHEETS
			STA. 125+57.51 TO STA. 125+57.51

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	56
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

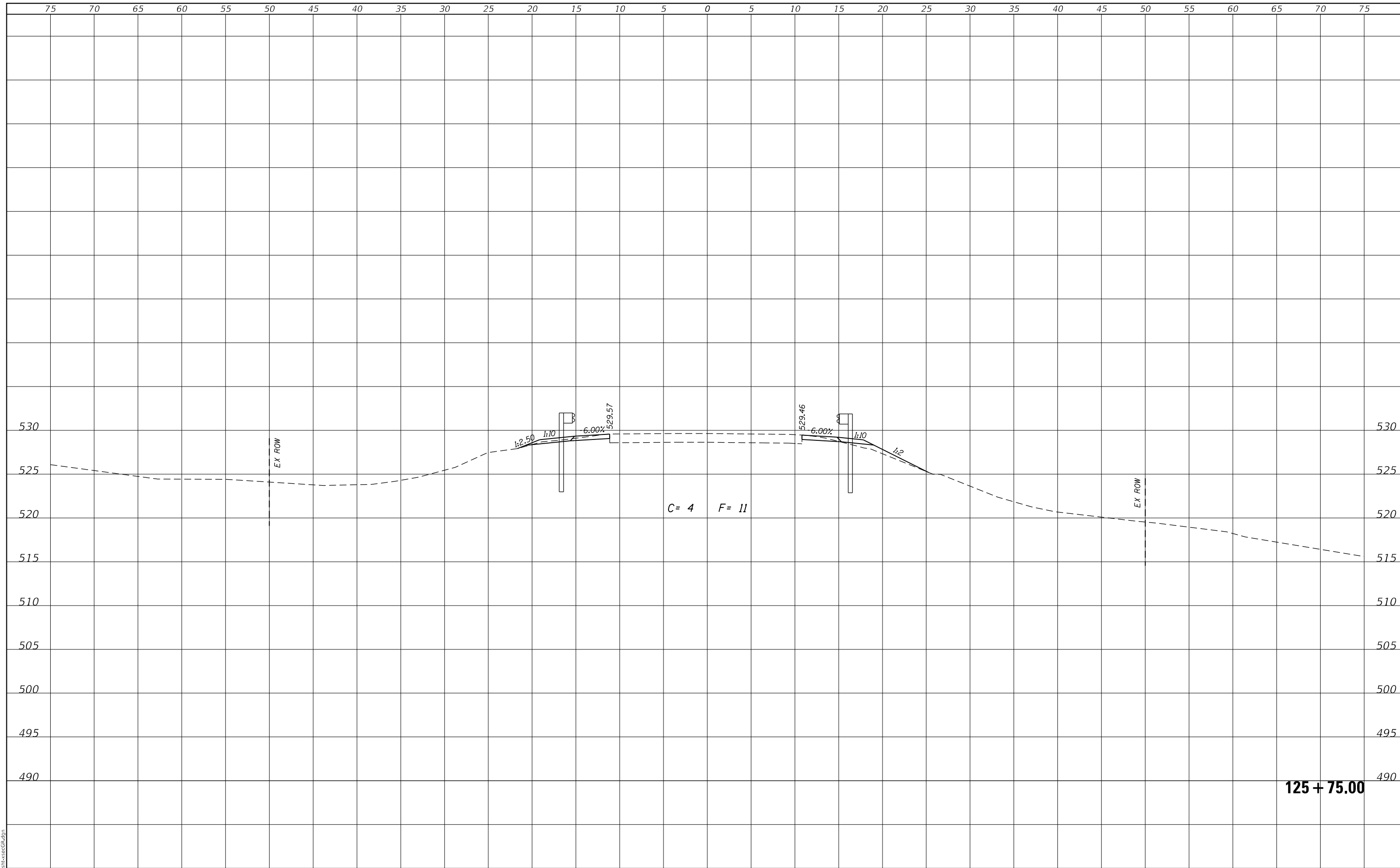
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 2			
SCALE:	SHEET	OF	SHEETS
			STA. 125+69.22 TO STA. 125+69.22

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 57
			CONTRACT NO. 93806	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



125 + 75.00

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

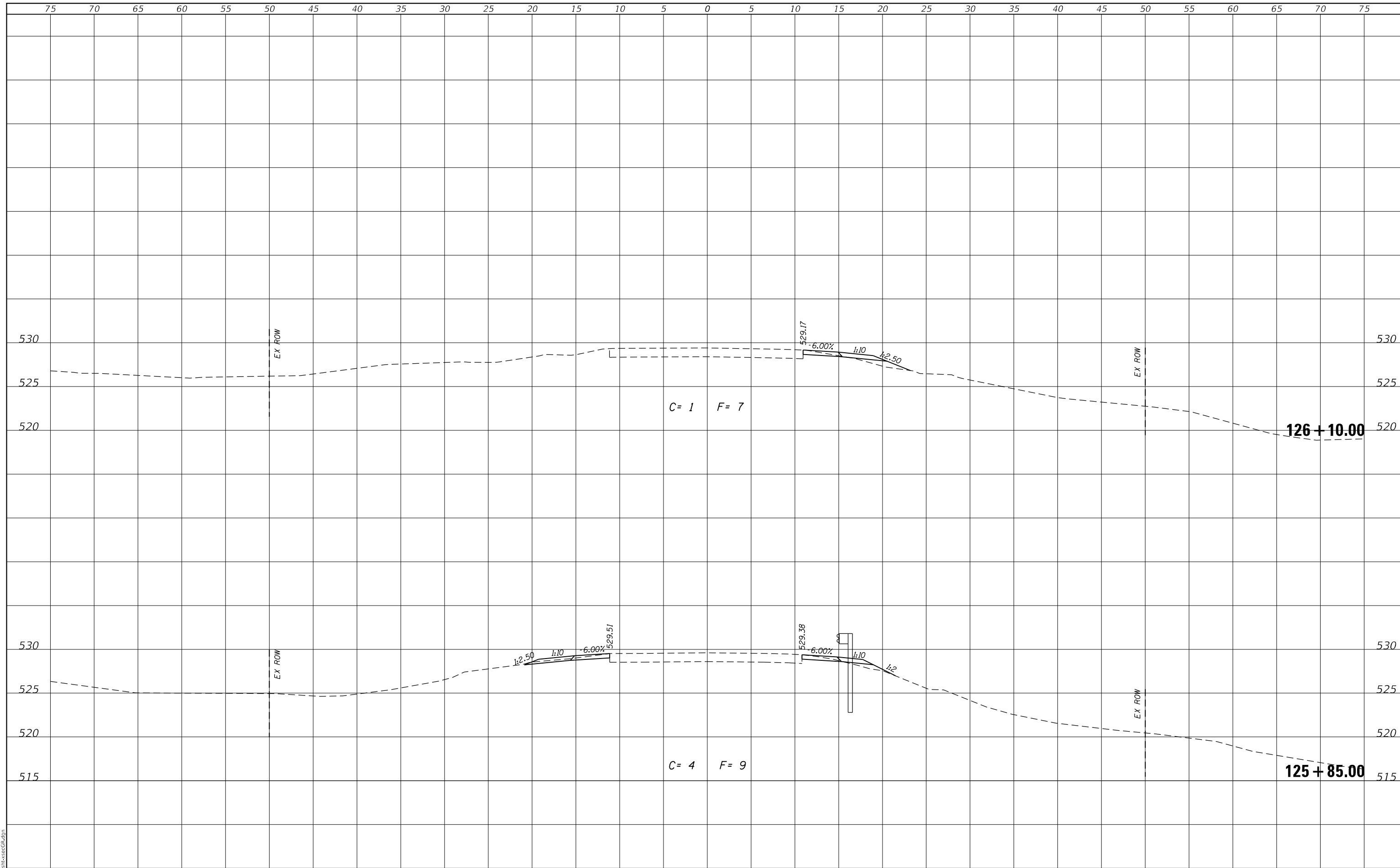
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 2			
SCALE:	SHEET	OF	SHEETS
			STA. 125+75.00 TO STA. 125+75.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	58
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
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Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

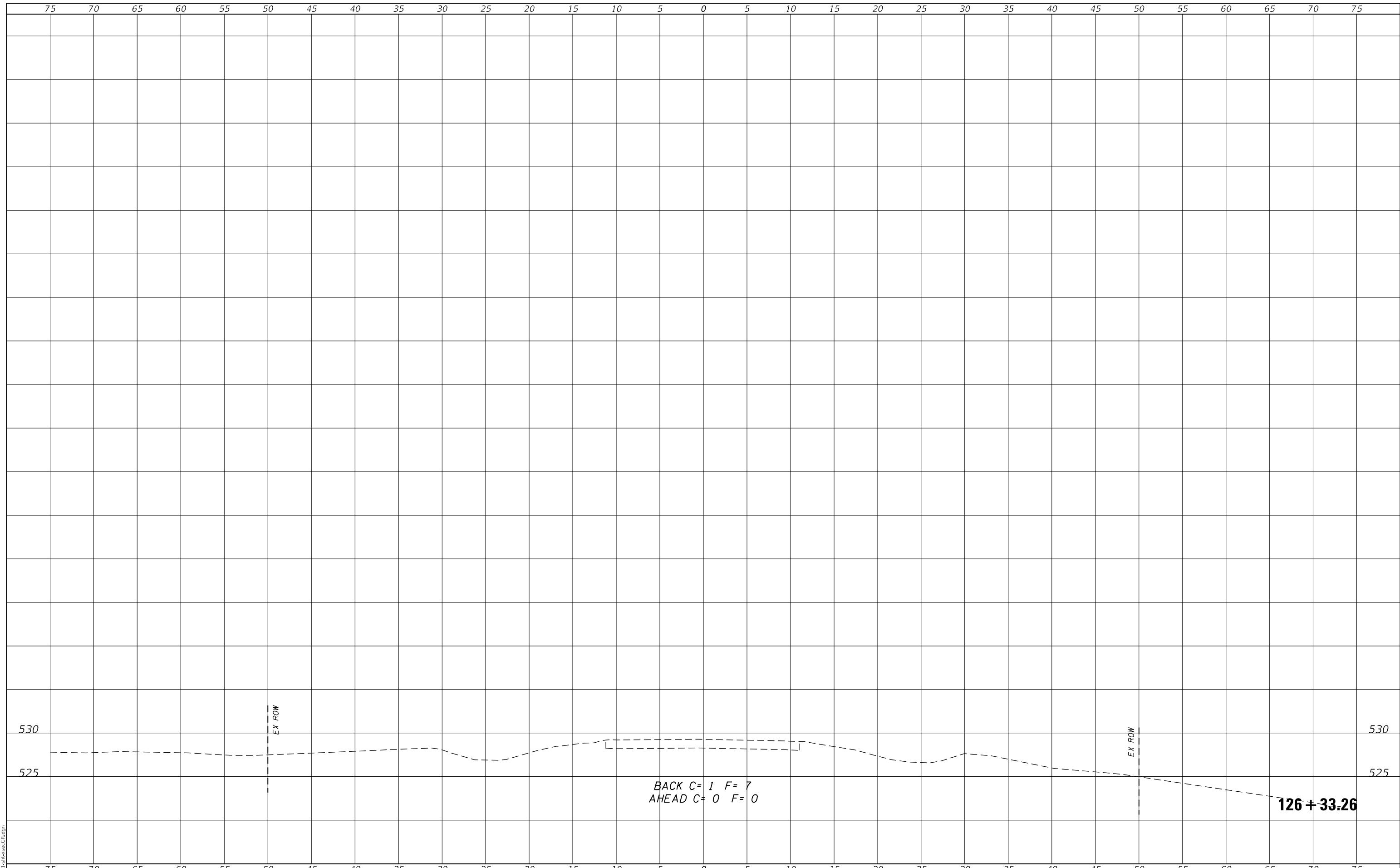
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 2			
SCALE:	SHEET	OF	SHEETS
STA. 125+85.00		TO STA. 126+10.00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	59
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

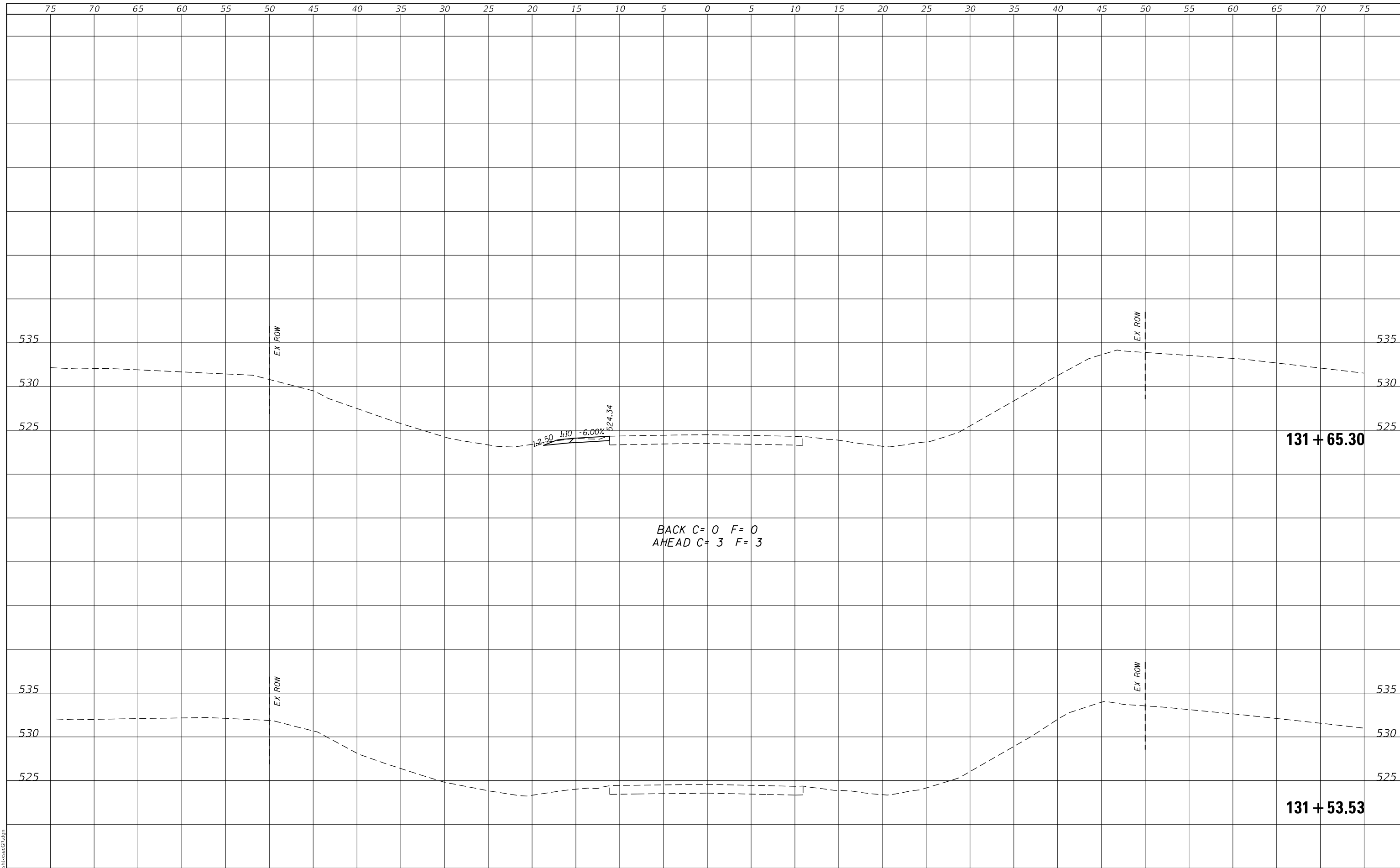
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 2			
SCALE:	SHEET	OF	SHEETS
			STA. 126+33.26 TO STA. 126+33.26

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	60
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



BACK C= 0 F= 0
 AHEAD C= 3 F= 3

MODEL: Defaul
 FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

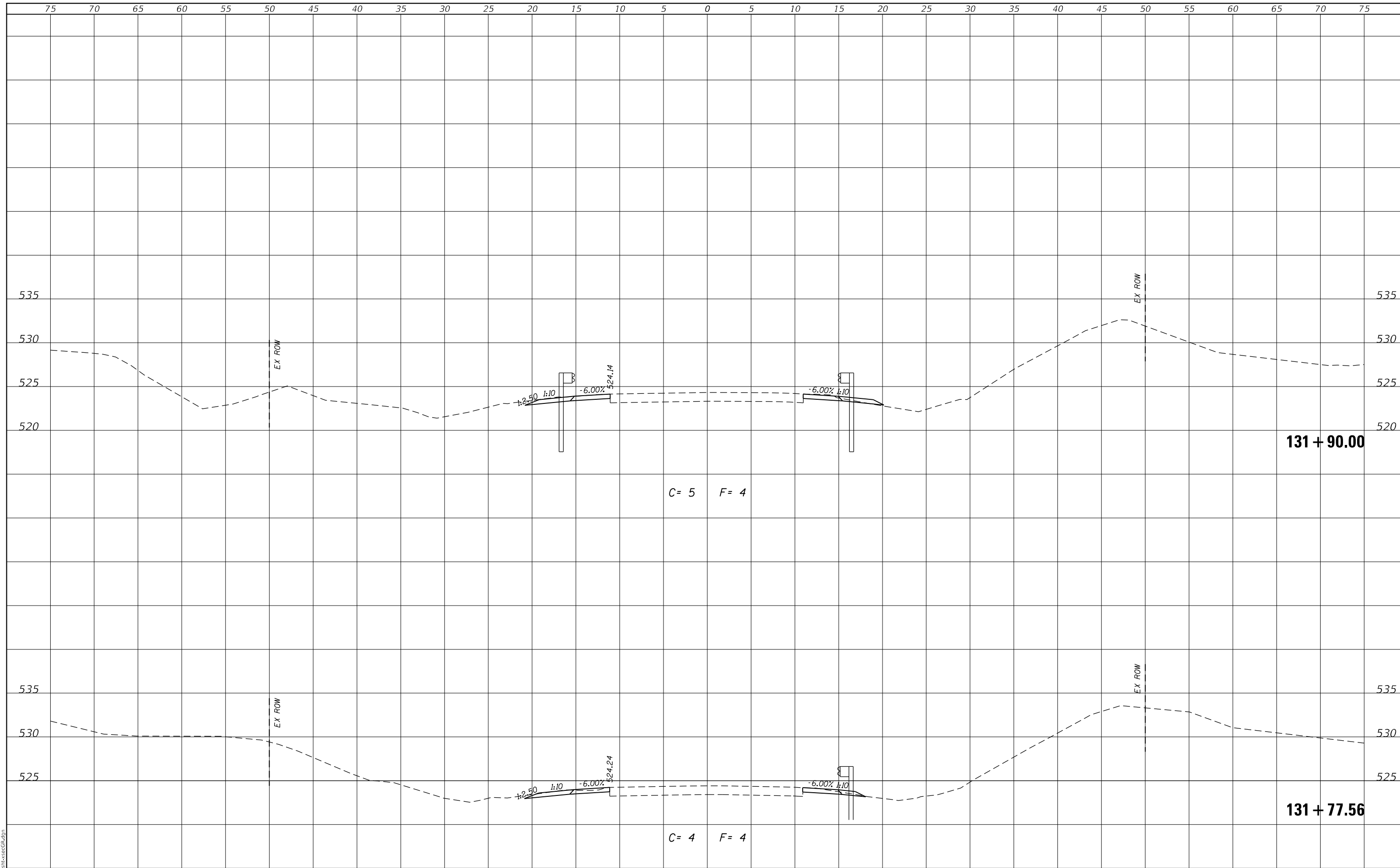
CROSS SECTIONS - LOCATION 3

SCALE:	SHEET	OF	SHEETS	STA. 131+53.53	TO STA. 131+65.30
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	61
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

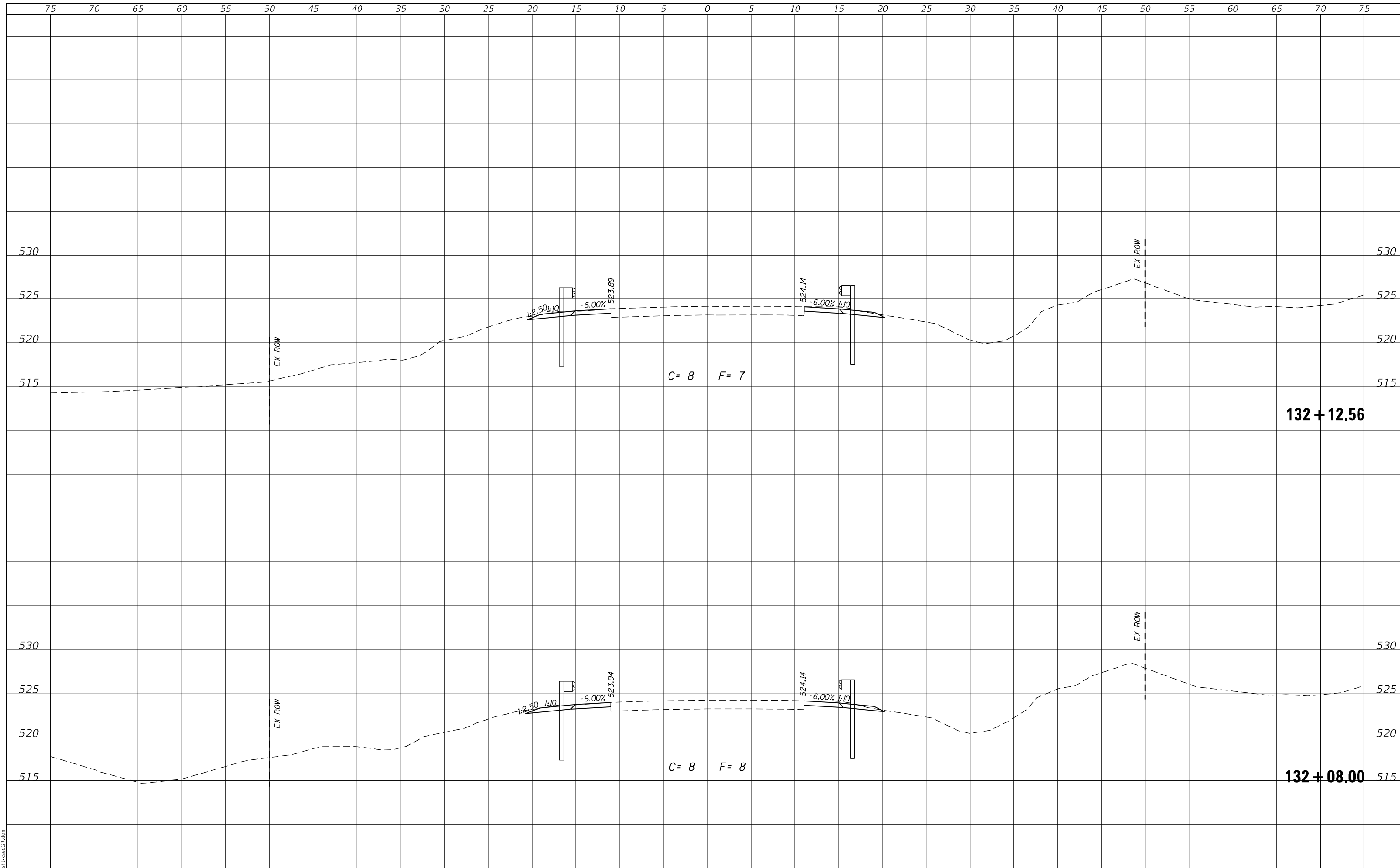
CROSS SECTIONS - LOCATION 3

SCALE: SHEET OF SHEETS STA. 131+77.56 TO STA. 131+90.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	62
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

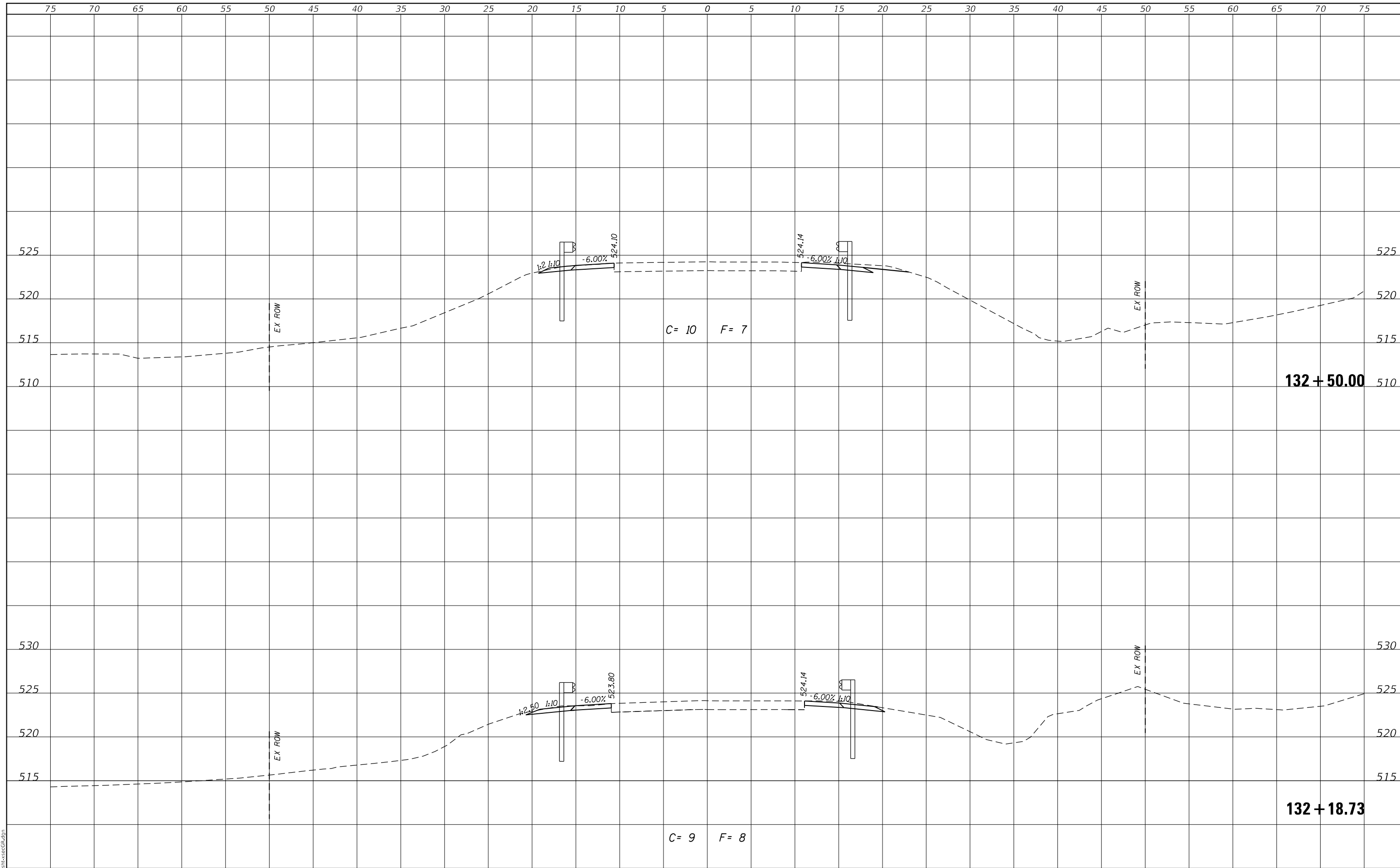
CROSS SECTIONS - LOCATION 3

SCALE: SHEET OF SHEETS STA. 132+08.00 TO STA. 132+12.56

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	63
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

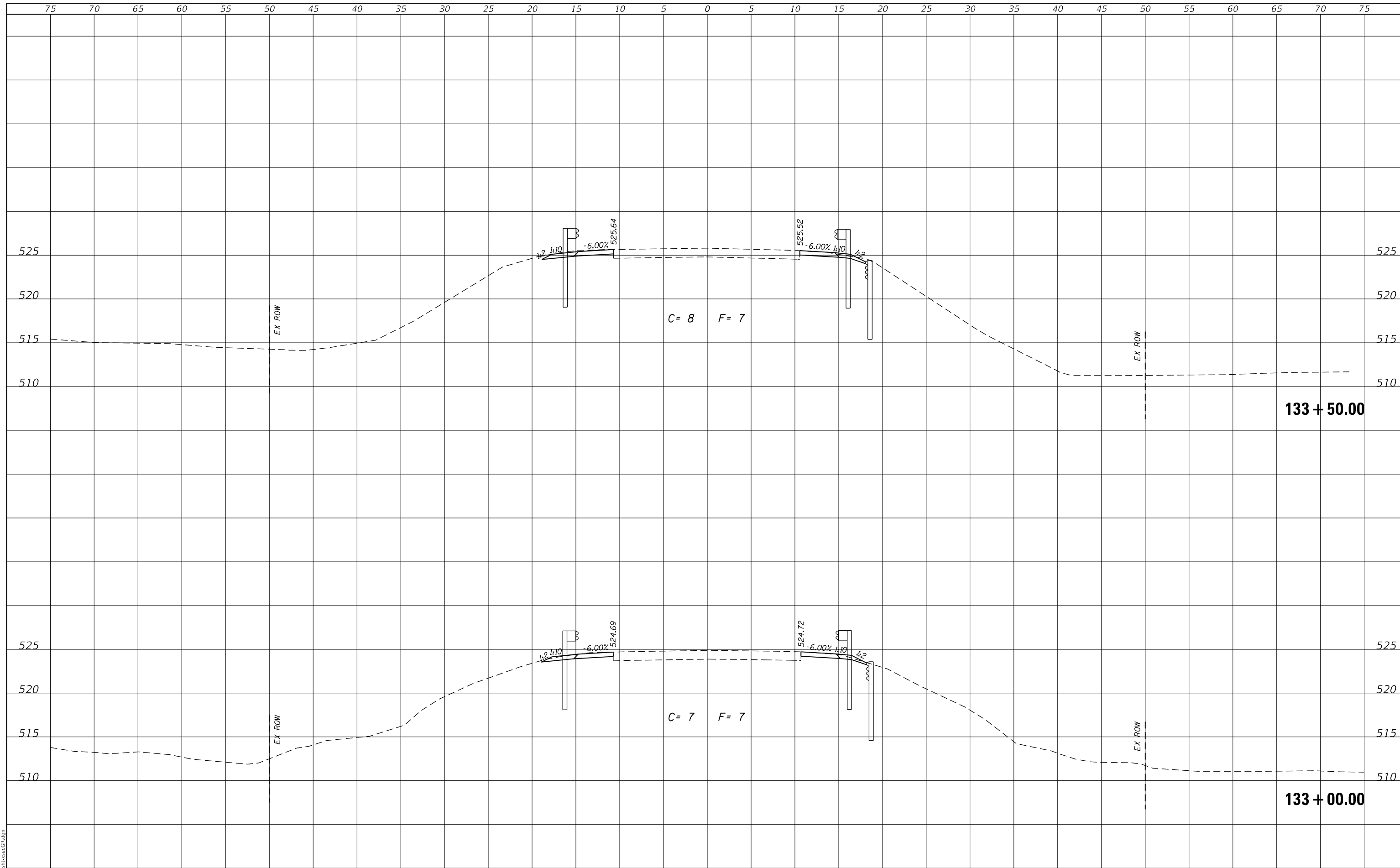
CROSS SECTIONS - LOCATION 3

SCALE: SHEET OF SHEETS STA. 132+18.73 TO STA. 132+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	64
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 3

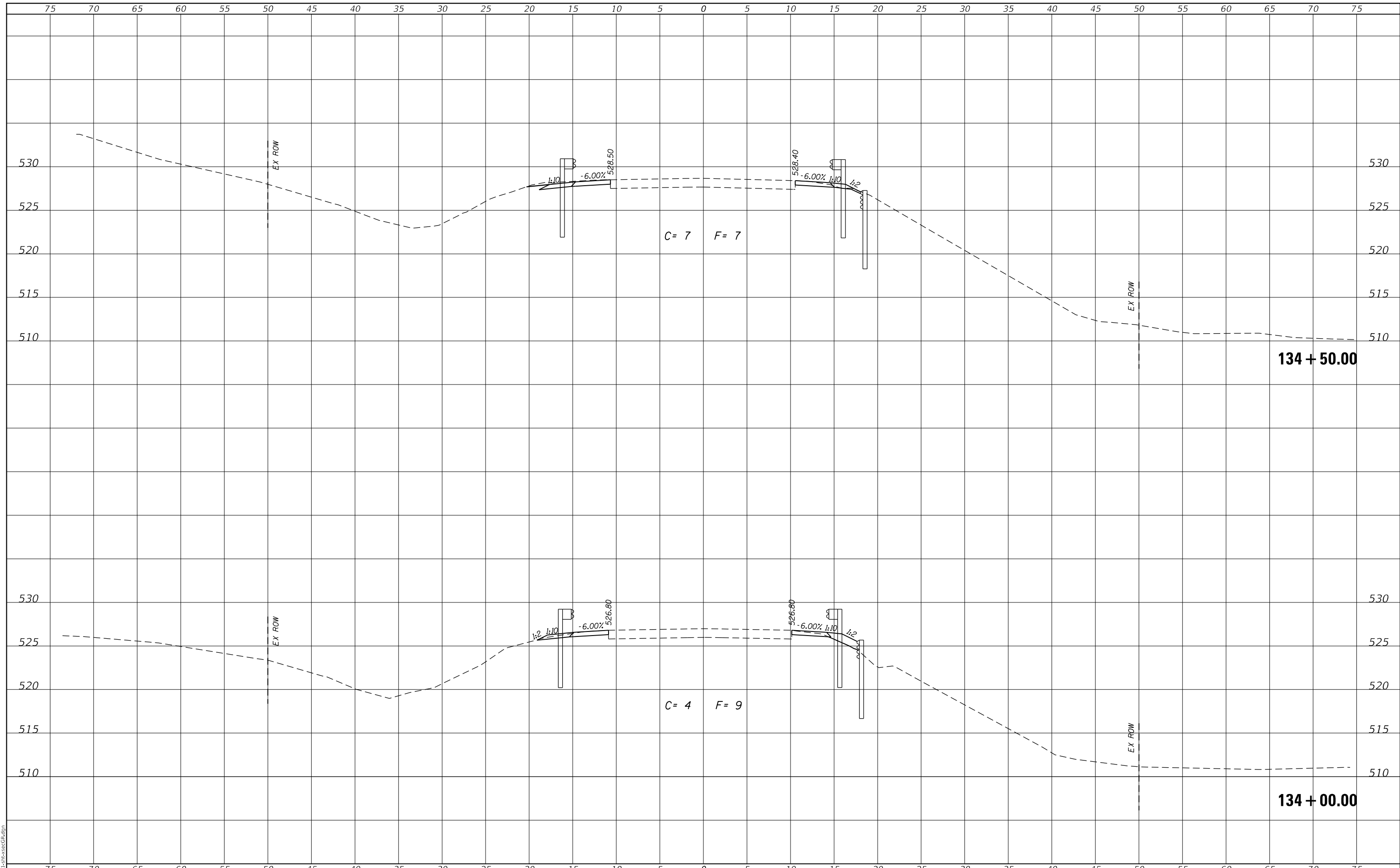
SCALE: SHEET OF SHEETS STA. 133+00.00 TO STA. 133+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	65
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

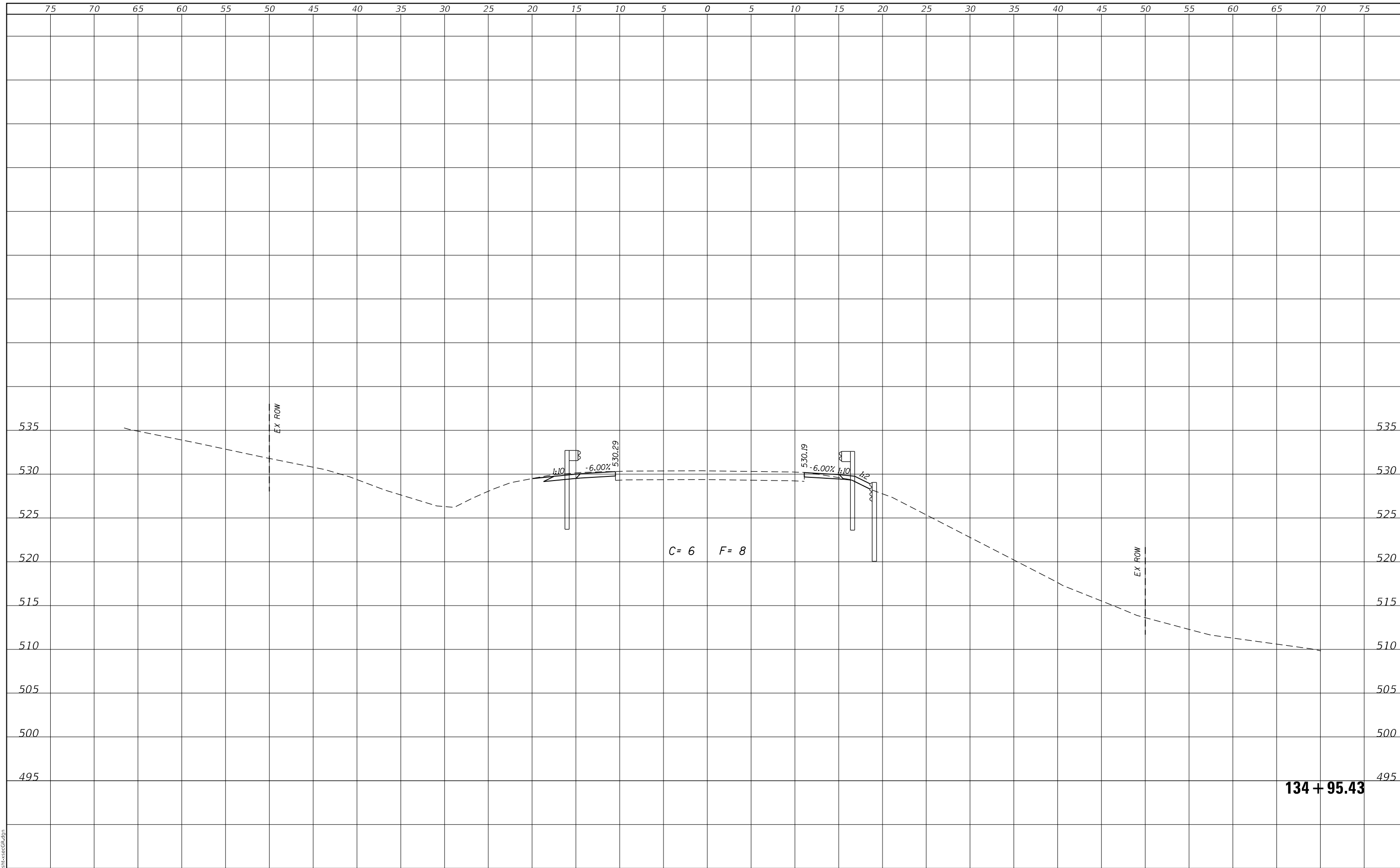
CROSS SECTIONS - LOCATION 3

SCALE: SHEET OF SHEETS STA. 134+00.00 TO STA. 134+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	66
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



C = 6 F = 8

134 + 95.43

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 3

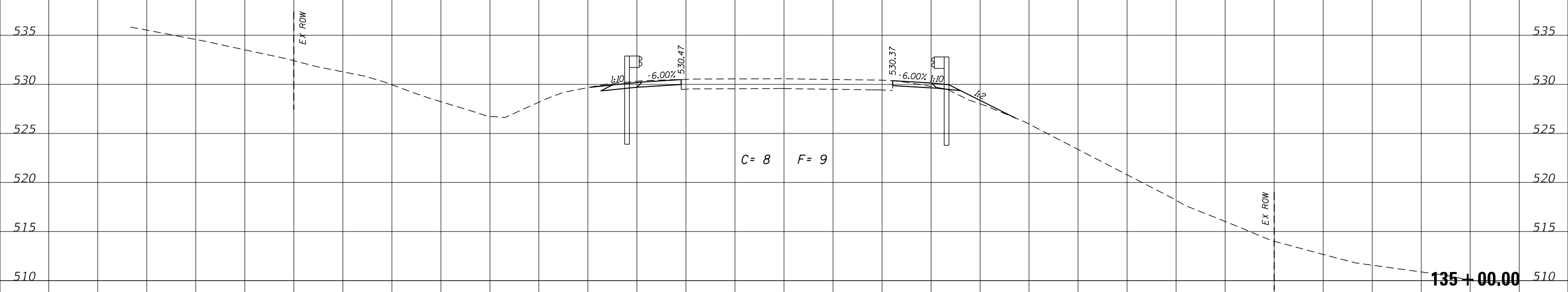
SCALE: SHEET OF SHEETS STA. 134+95.43 TO STA. 134+95.43

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	67
			CONTRACT NO. 93806	
			ILLINOIS FED. AID PROJECT	

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 3

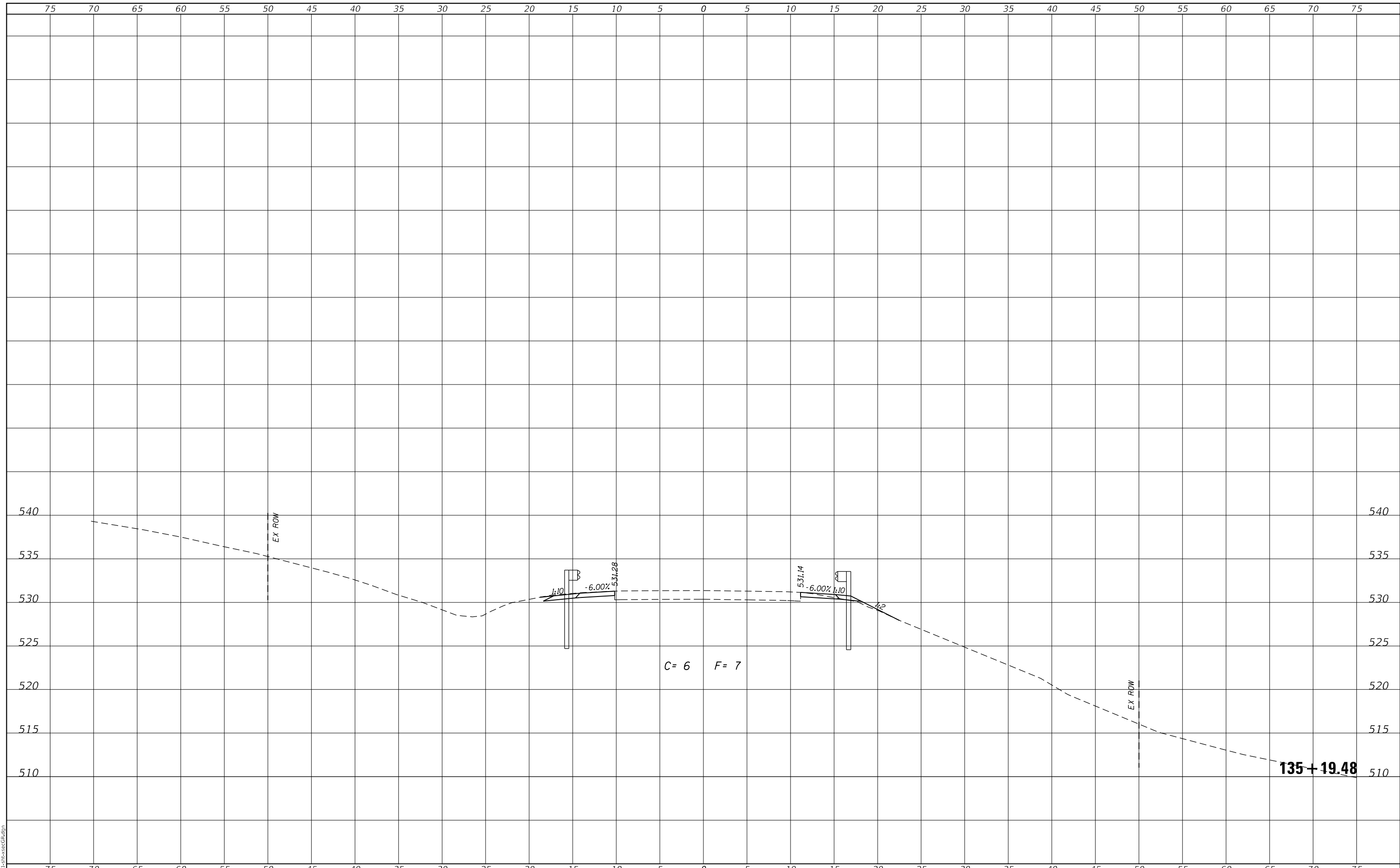
SCALE: SHEET OF SHEETS STA. 135+00.00 TO STA. 135+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	68
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

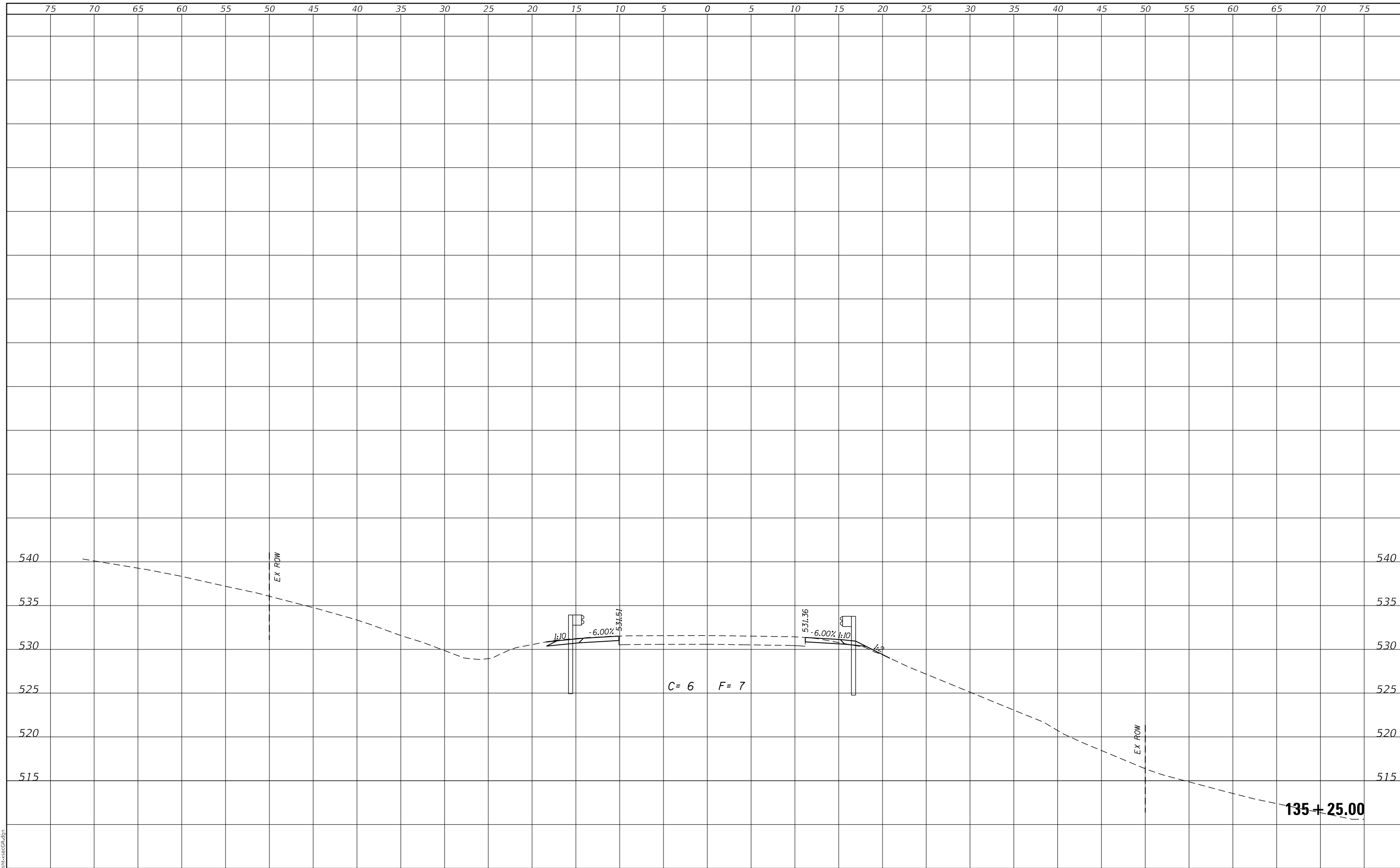
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 3			
SCALE:	SHEET	OF SHEETS	STA. 135+19.48 TO STA. 135+19.48

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 69
			CONTRACT NO. 93806	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

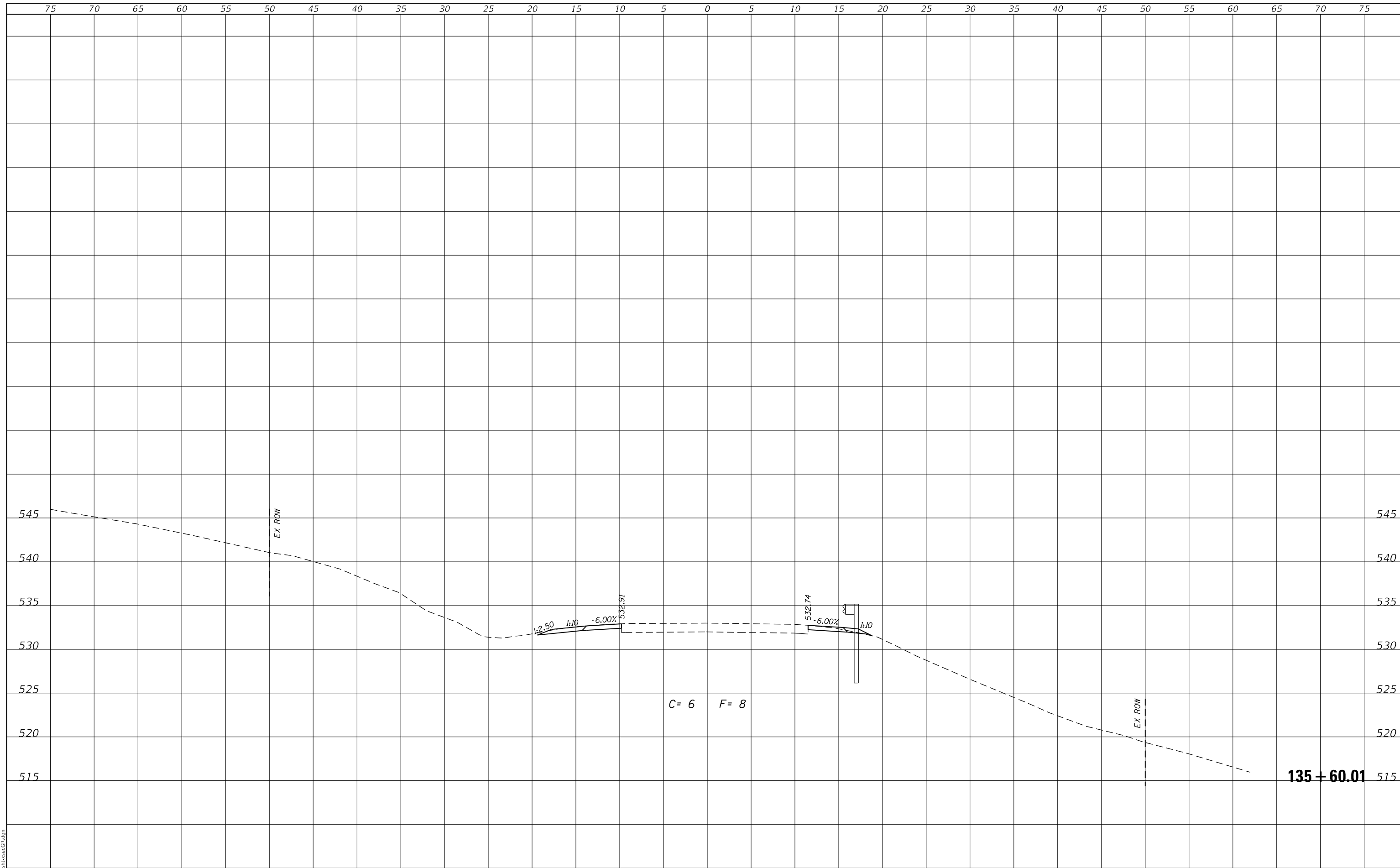
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 3			
SCALE:	SHEET	OF	SHEETS
			STA. 135+25.00 TO STA. 135+25.00

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 70
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

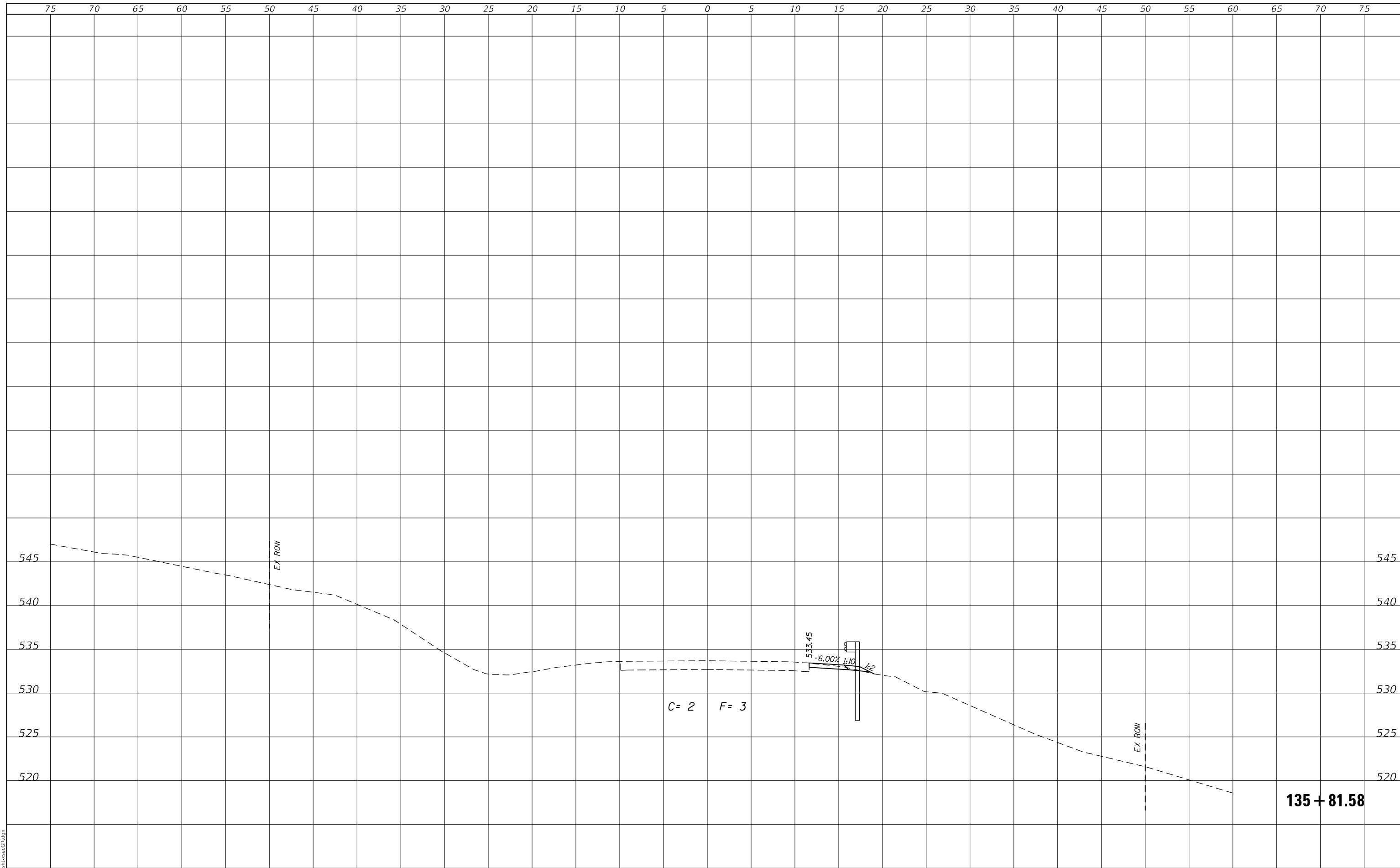
DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

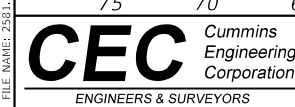
CROSS SECTIONS - LOCATION 3			
SCALE:	SHEET	OF	SHEETS
			STA. 135+60.01 TO STA. 135+60.01

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 71
			CONTRACT NO. 93806	
		ILLINOIS FED. AID PROJECT		



DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 3

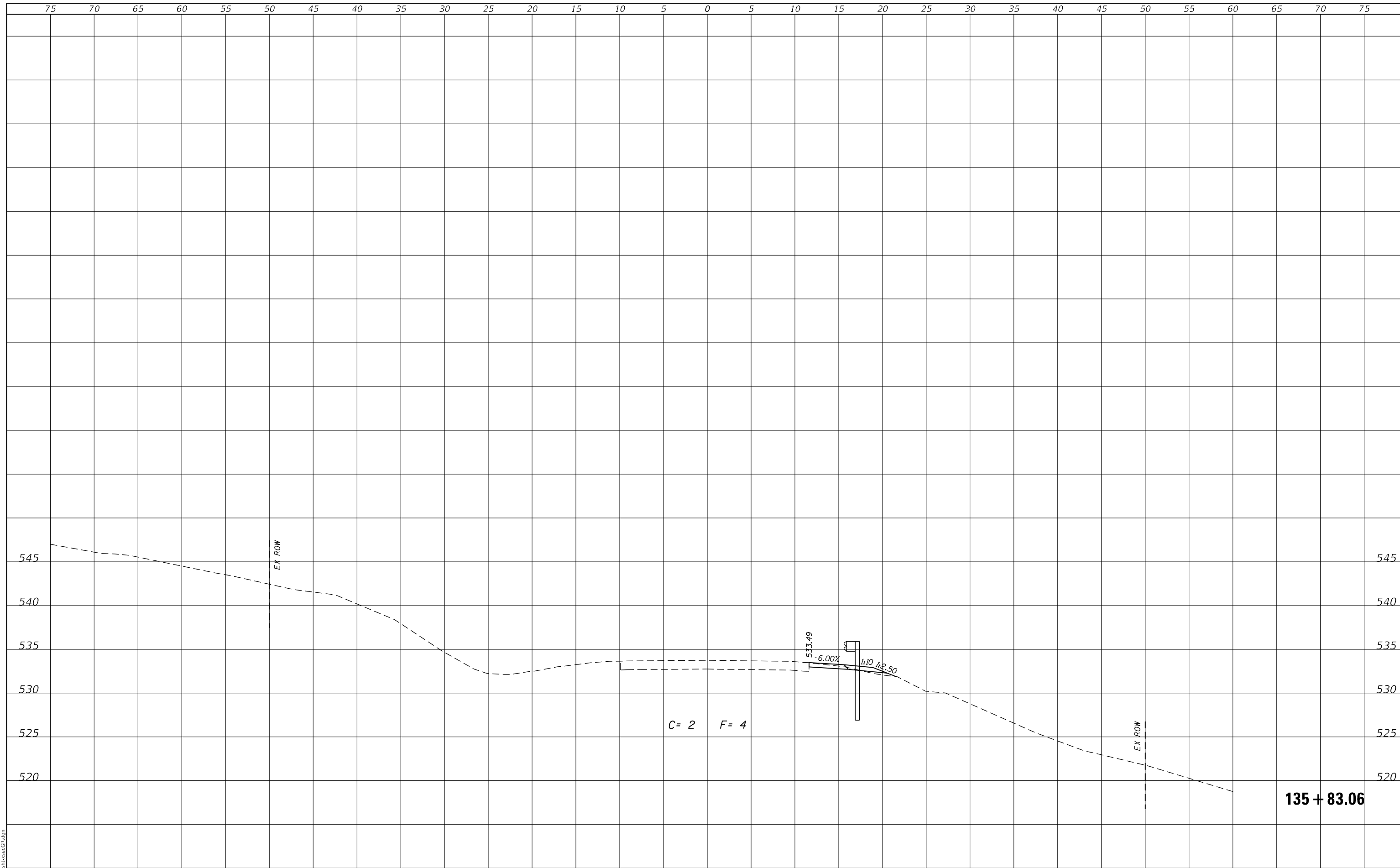
SCALE: SHEET OF SHEETS STA. 135+81.58 TO STA. 135+81.58

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	72
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

MODEL: Definit
FILE NAME: 2581.1-shr-xsecGR.dgn

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



C = 2 F = 4

135 + 83.06

MODEL: Defaul...
FILE NAME: 2581.1-shl-xsecGR.dgn



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shl-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

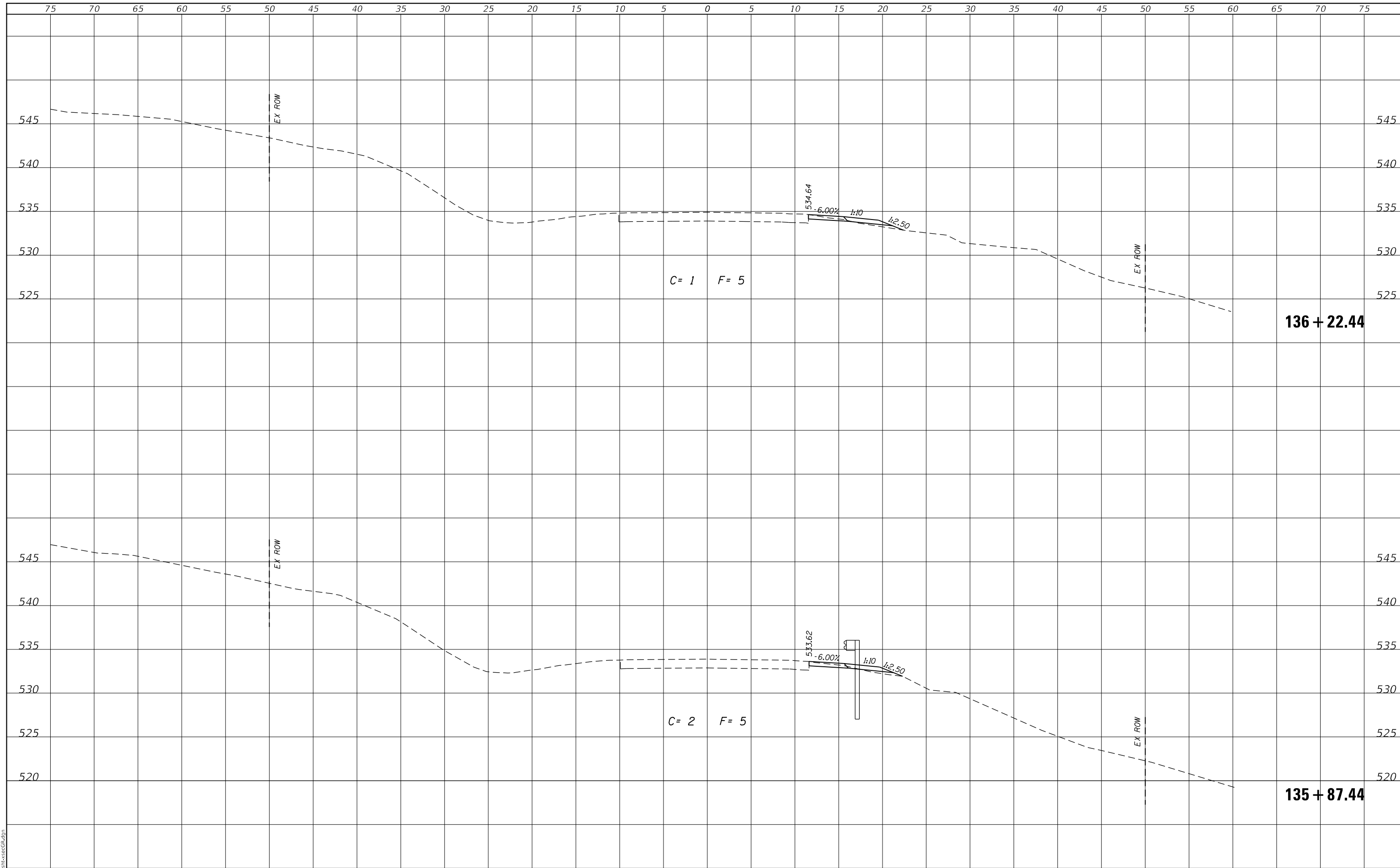
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 3			
SCALE:	SHEET	OF SHEETS	STA. 135+83.06 TO STA. 135+83.06

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	73
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REvised -
DRAWN - SJS	REvised -
CHECKED - THF	REvised -
DATE - 1/13/2023	REvised -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 3

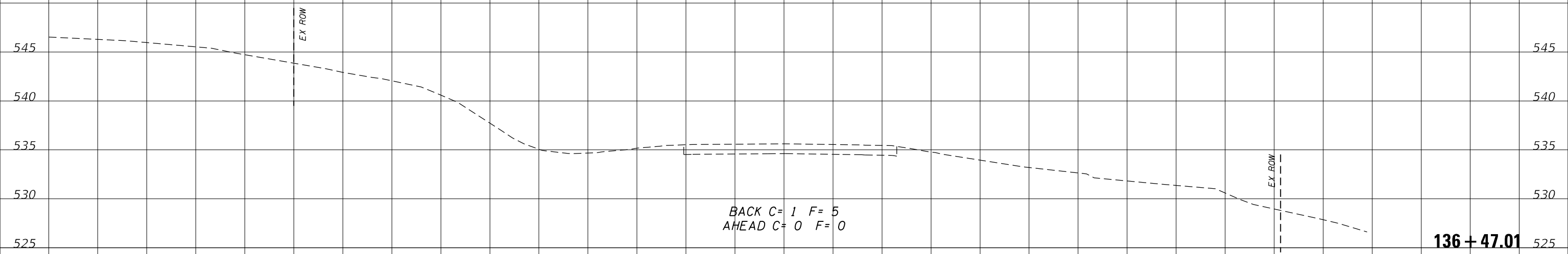
SCALE: SHEET OF SHEETS STA. 135+87.44 TO STA. 136+22.44

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	74
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shl-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shl-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

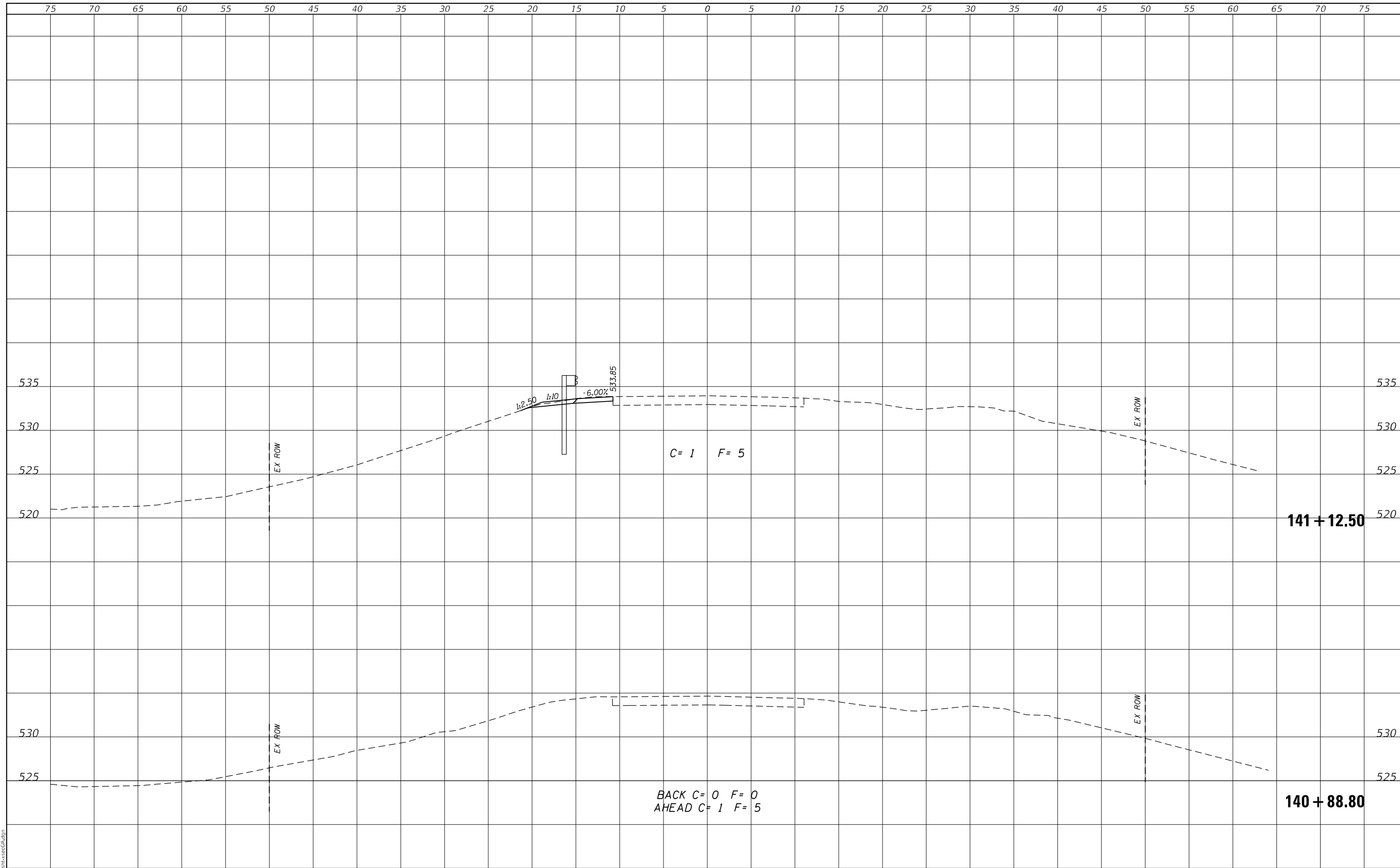
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 3			
SCALE:	SHEET	OF	SHEETS
			STA. 136+47.01 TO STA. 136+47.01

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	75
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

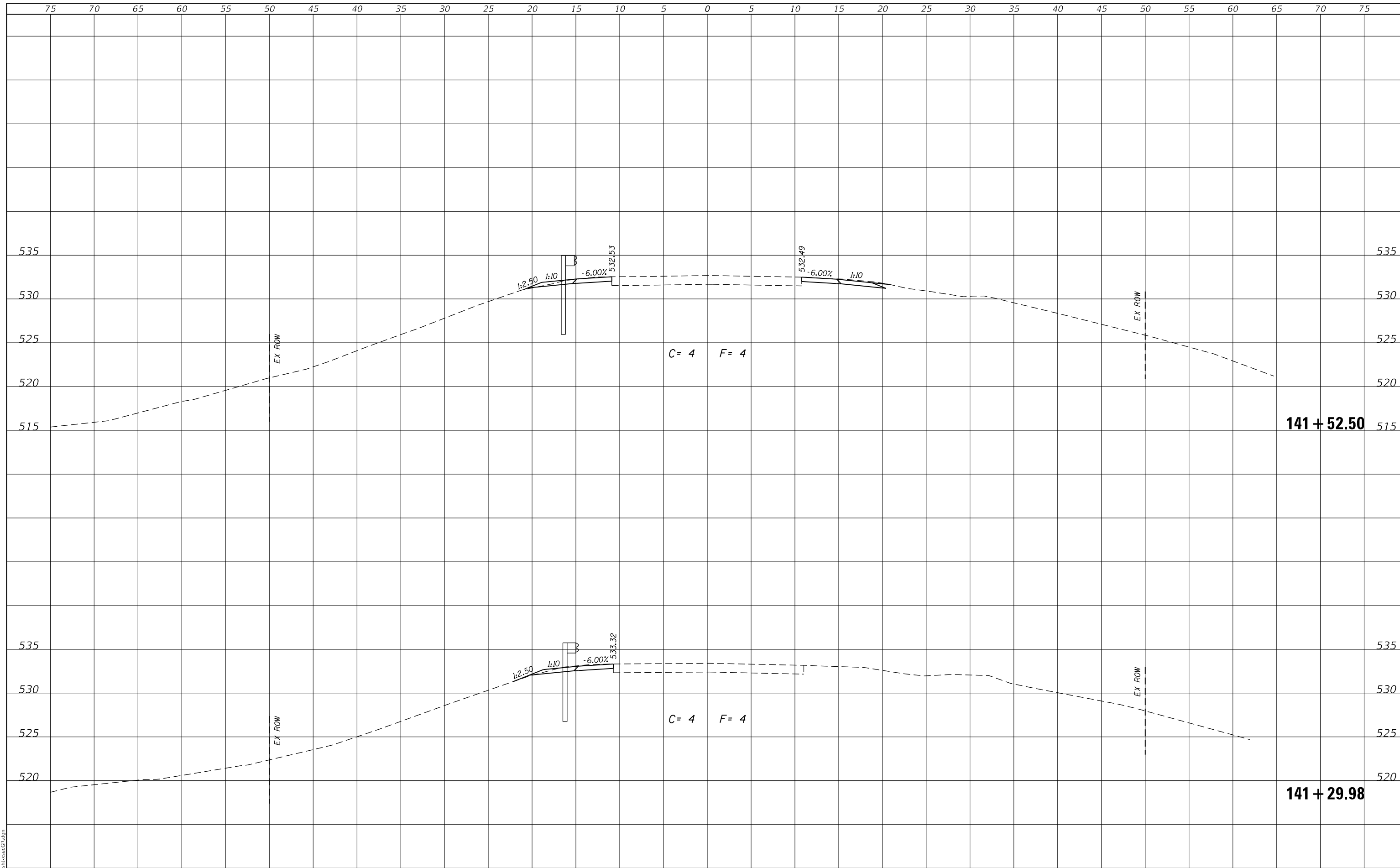
CROSS SECTIONS - LOCATION 4

SCALE: SHEET OF SHEETS STA. 140+88.80 TO STA. 141+12.50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	76
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

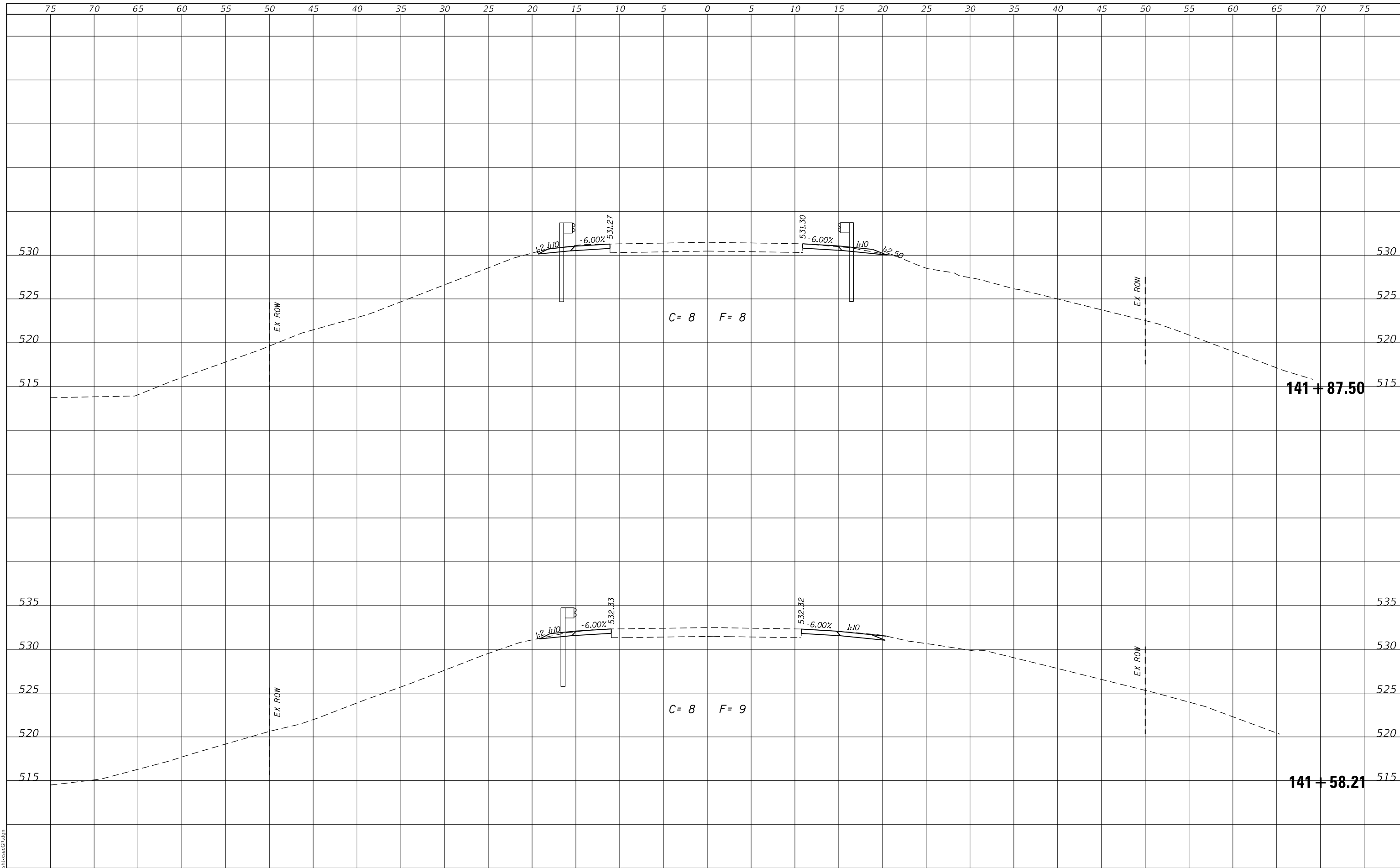
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 4			
SCALE:	SHEET	OF	SHEETS
STA. 141+29.98		TO STA. 141+52.50	

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 77
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defa01r
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

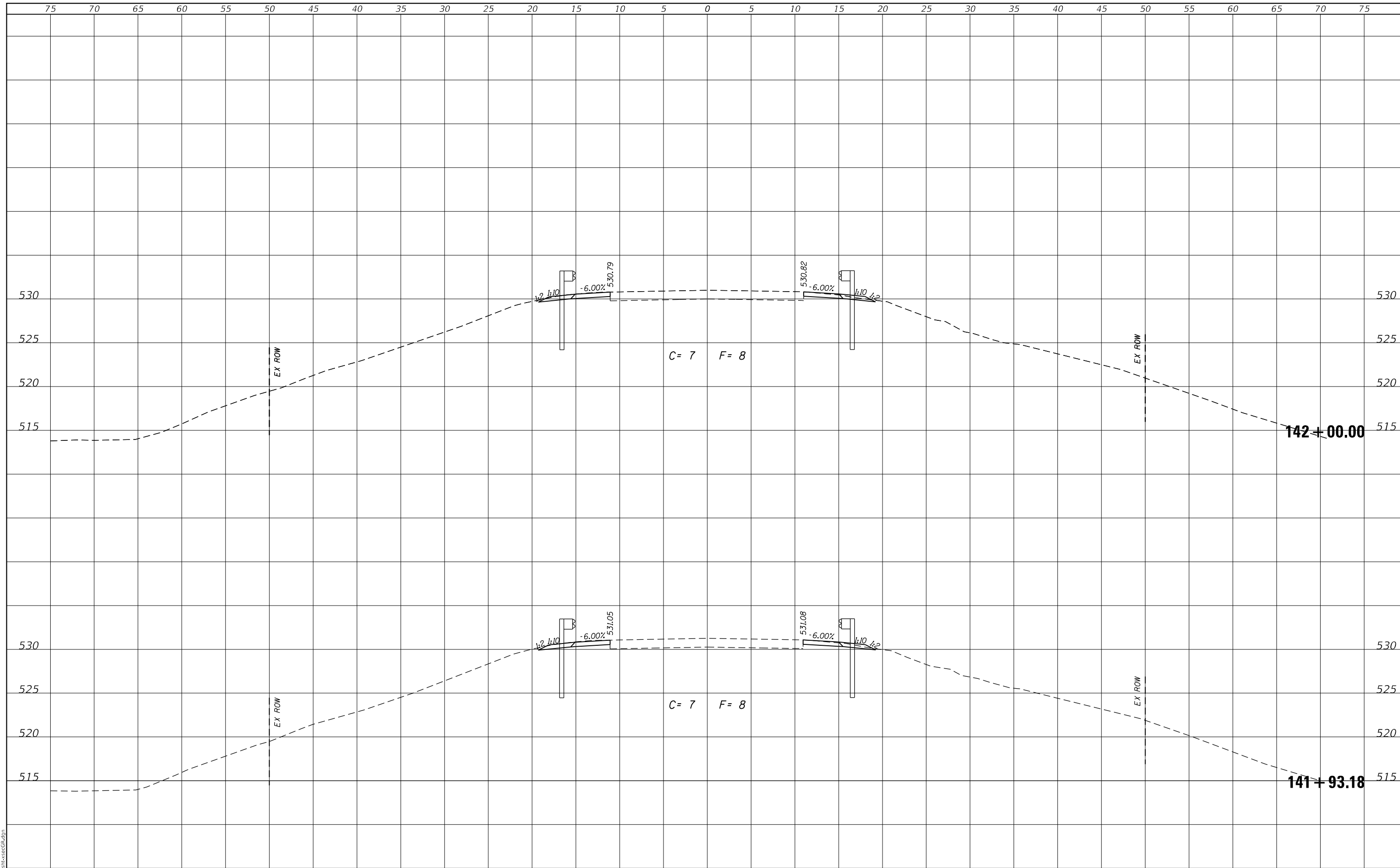
CROSS SECTIONS - LOCATION 4

SCALE: SHEET OF SHEETS STA. 141+58.21 TO STA. 141+87.50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	78
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

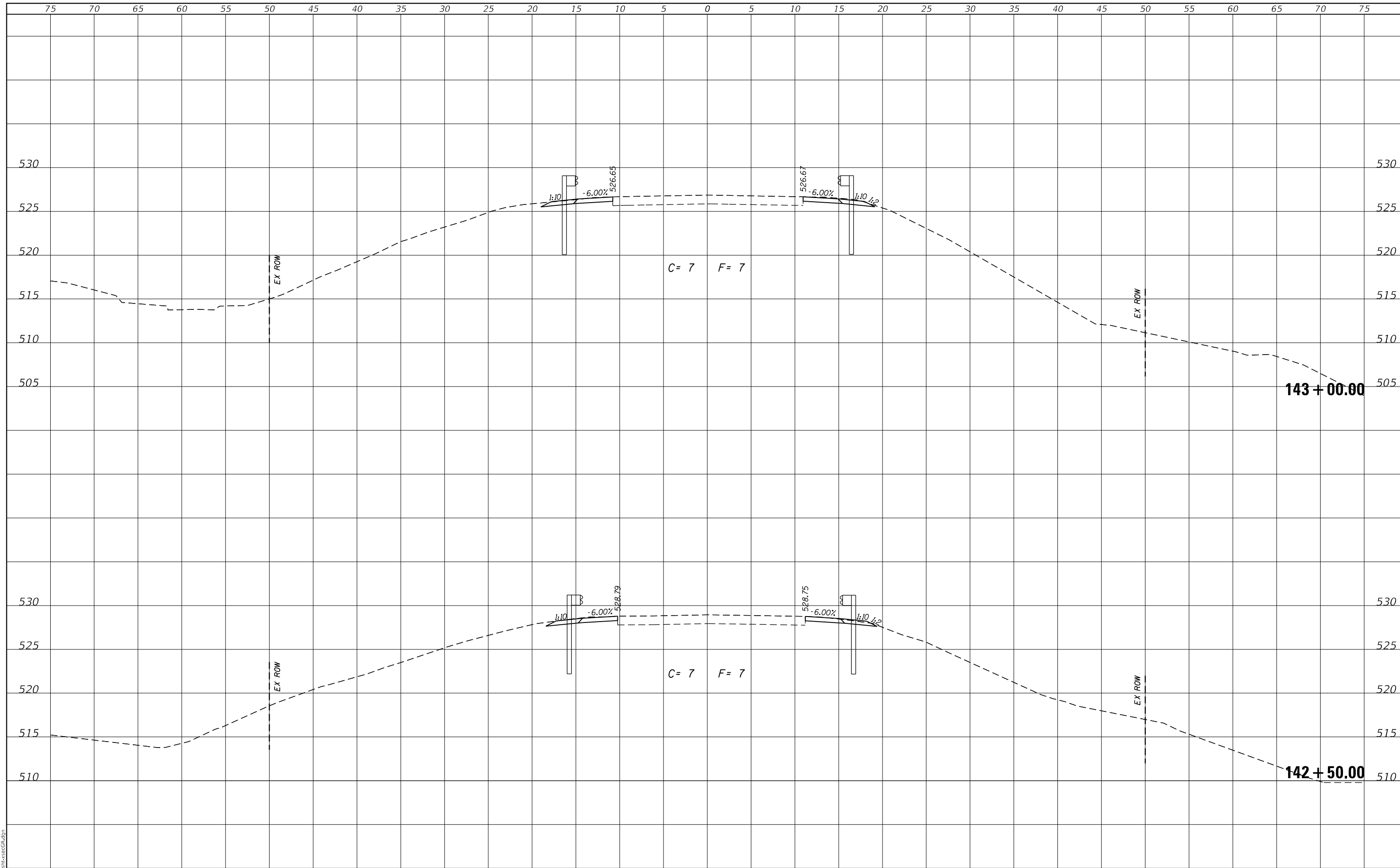
CROSS SECTIONS - LOCATION 4

SCALE: SHEET OF SHEETS STA. 141+93.18 TO STA. 142+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	79
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB#	= 2581.1
FILE NAME	= 2581.1-shr-xsecGR.dgn
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 2/22/2023

DESIGNED	- CGF	REVISED	-
DRAWN	- SJS	REVISED	-
CHECKED	- THF	REVISED	-
DATE	- 1/13/2023	REVISED	-

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

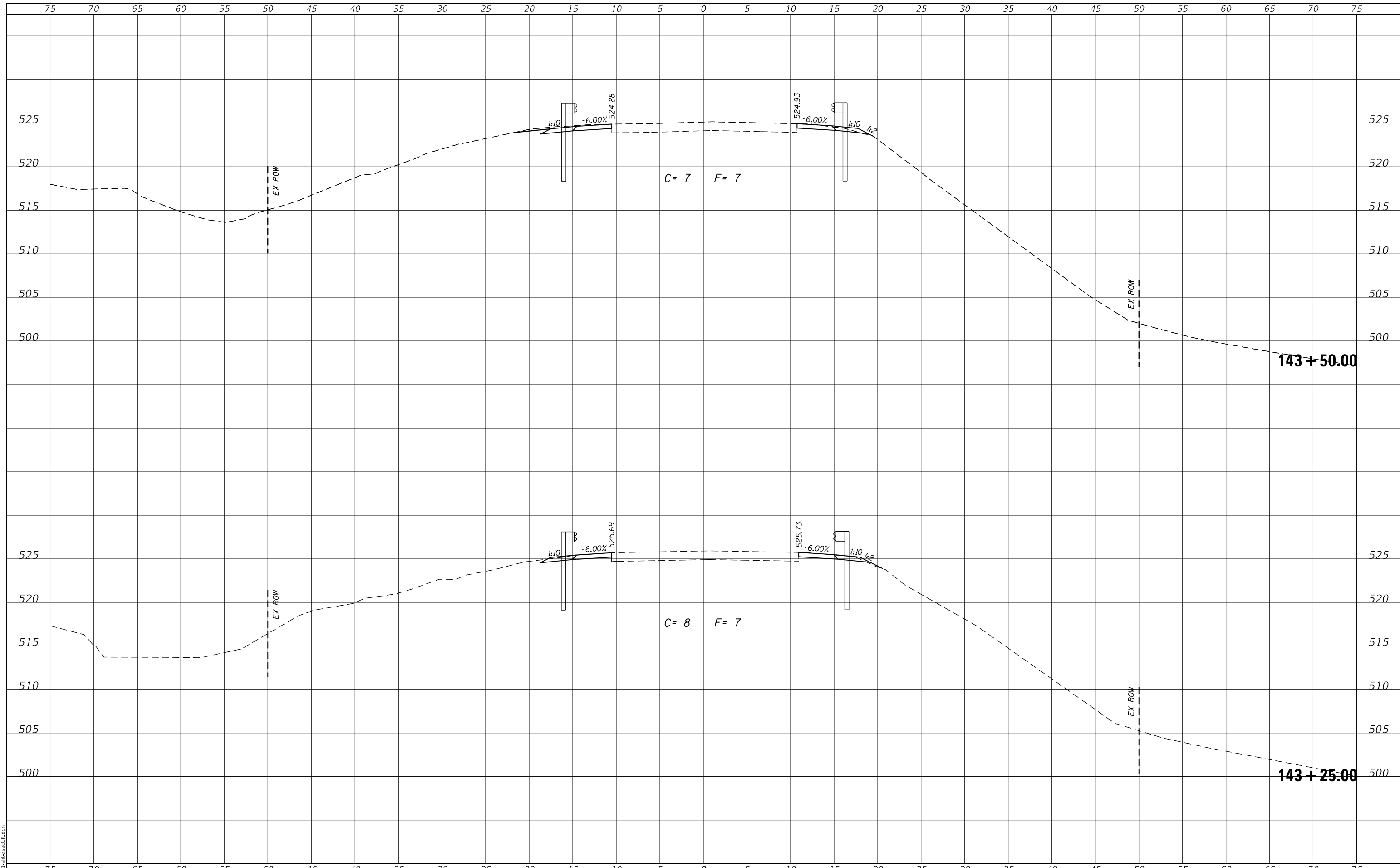
CROSS SECTIONS - LOCATION 4

SCALE: SHEET OF SHEETS STA. 142+50.00 TO STA. 143+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	80
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaul
 FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

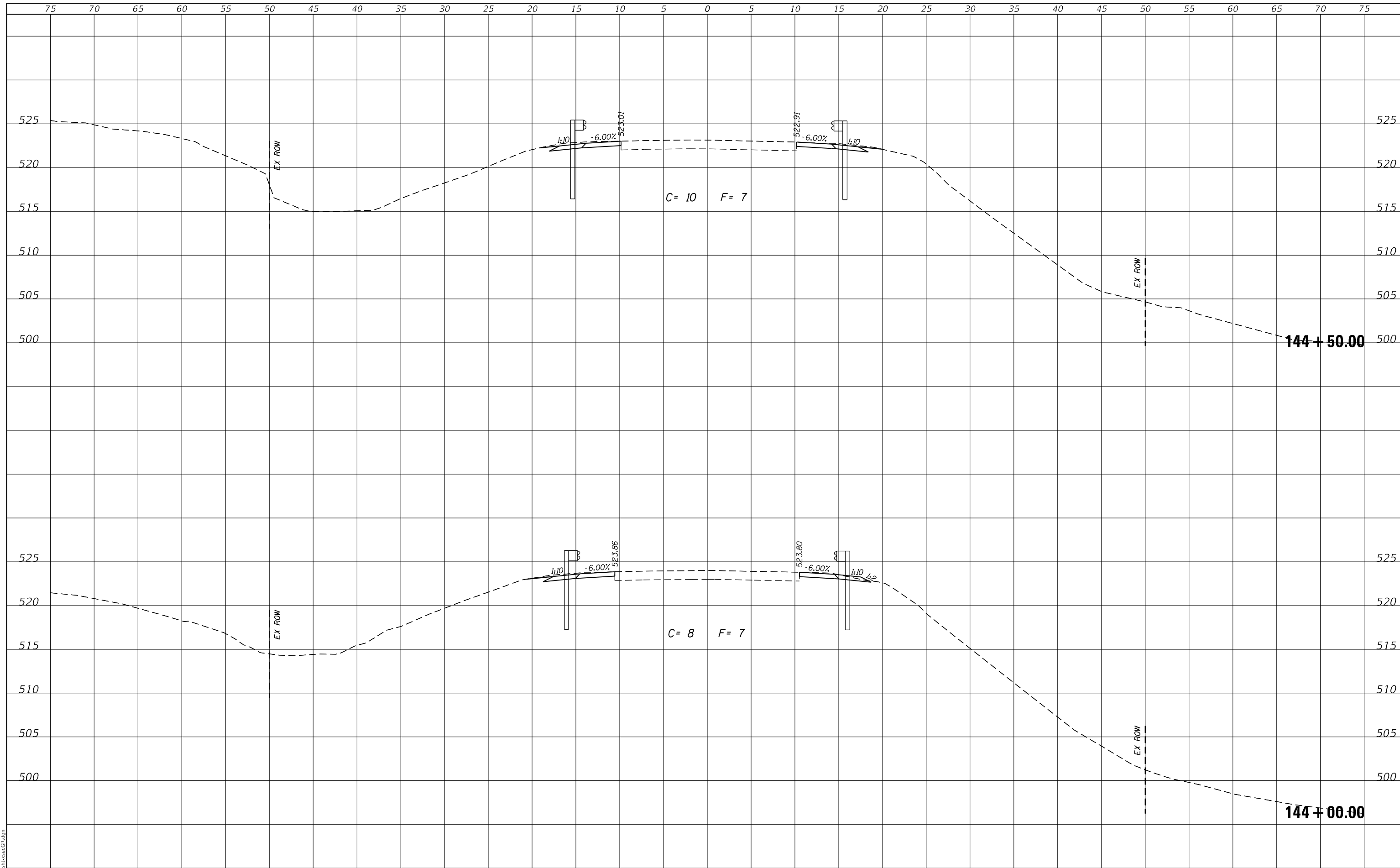
CROSS SECTIONS - LOCATION 4

SCALE:	SHEET	OF	SHEETS	STA. 143+25.00	TO STA. 143+50.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	81
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul.dwg
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 4

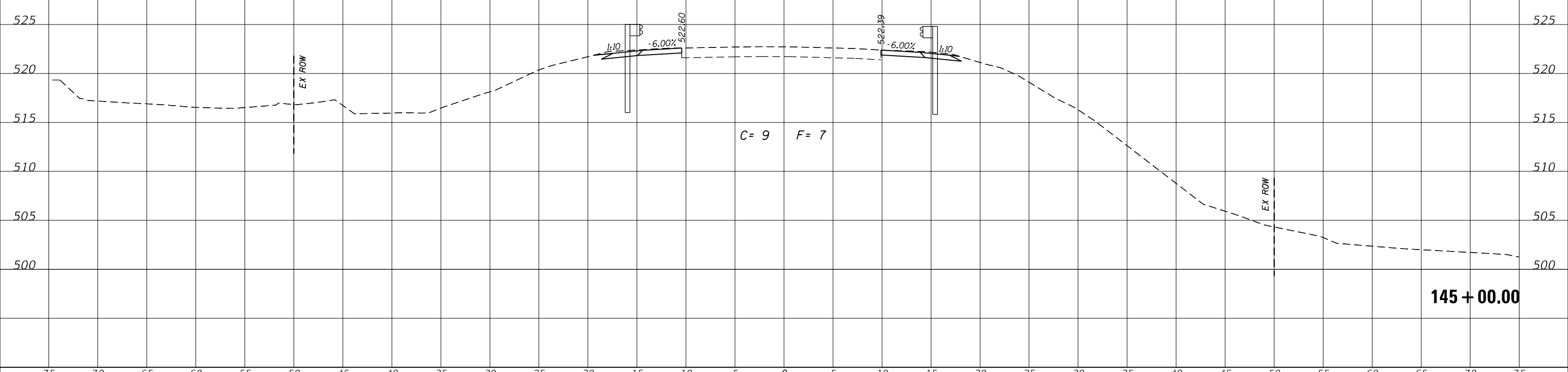
SCALE: SHEET OF SHEETS STA. 144+00.00 TO STA. 144+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	82
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE
NOTE BOOK	TEMPLATE AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE
NOTE BOOK	TEMPLATE AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

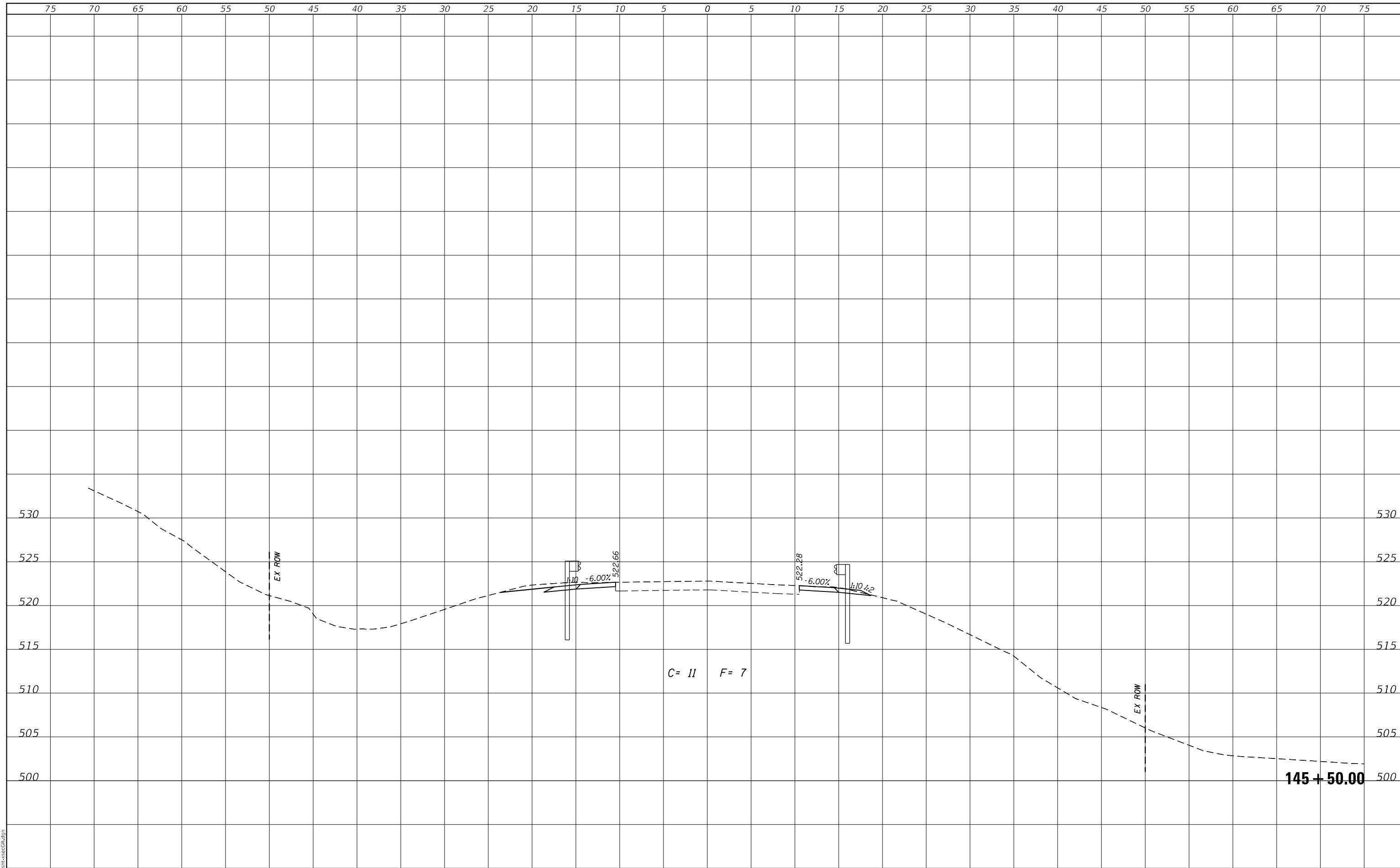
CROSS SECTIONS - LOCATION 4

SCALE: SHEET OF SHEETS STA. 145+00.00 TO STA. 145+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	83
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

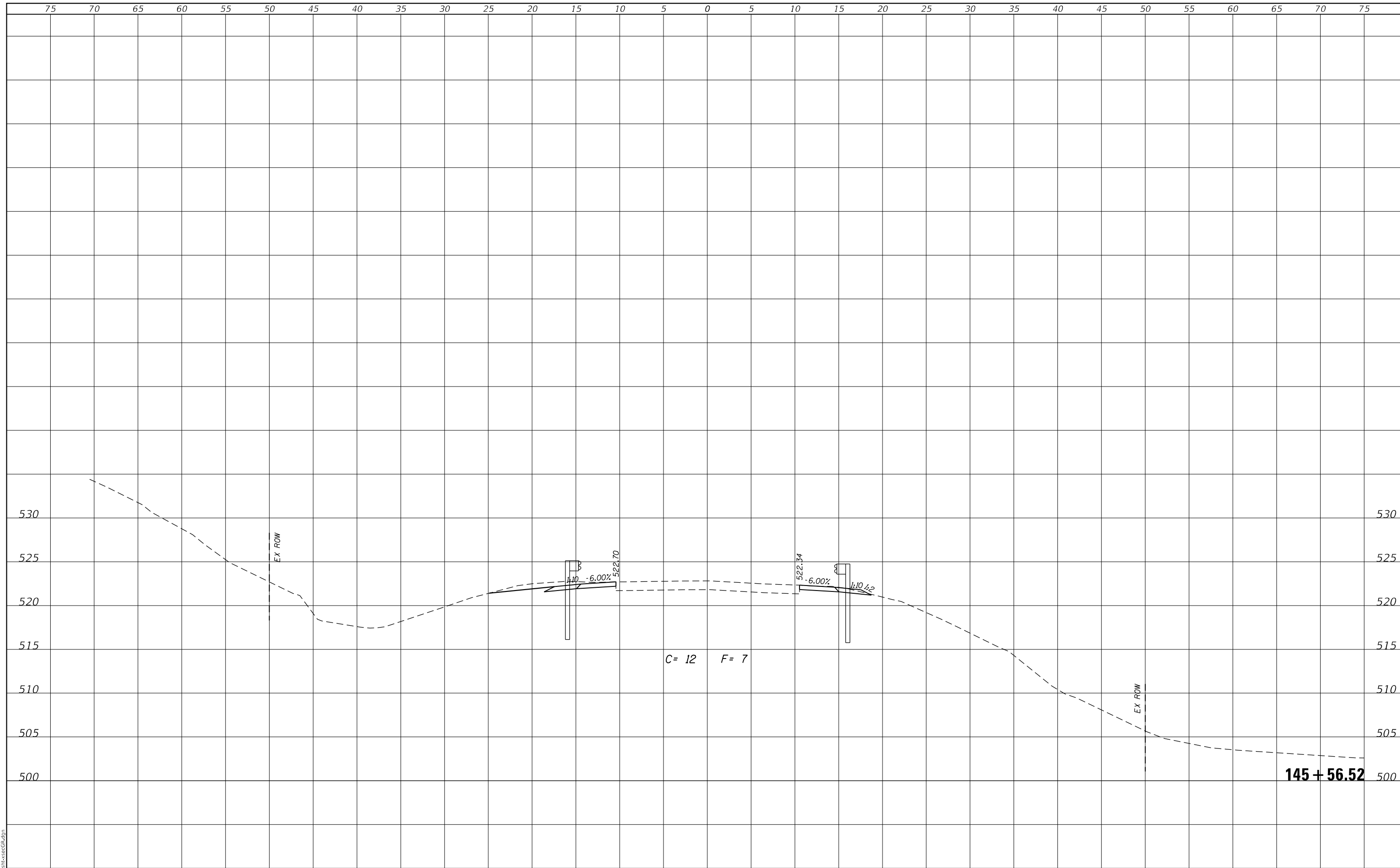
CROSS SECTIONS - LOCATION 4

SCALE:	SHEET	OF	SHEETS	STA. 145+50.00	TO STA. 145+50.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	84
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

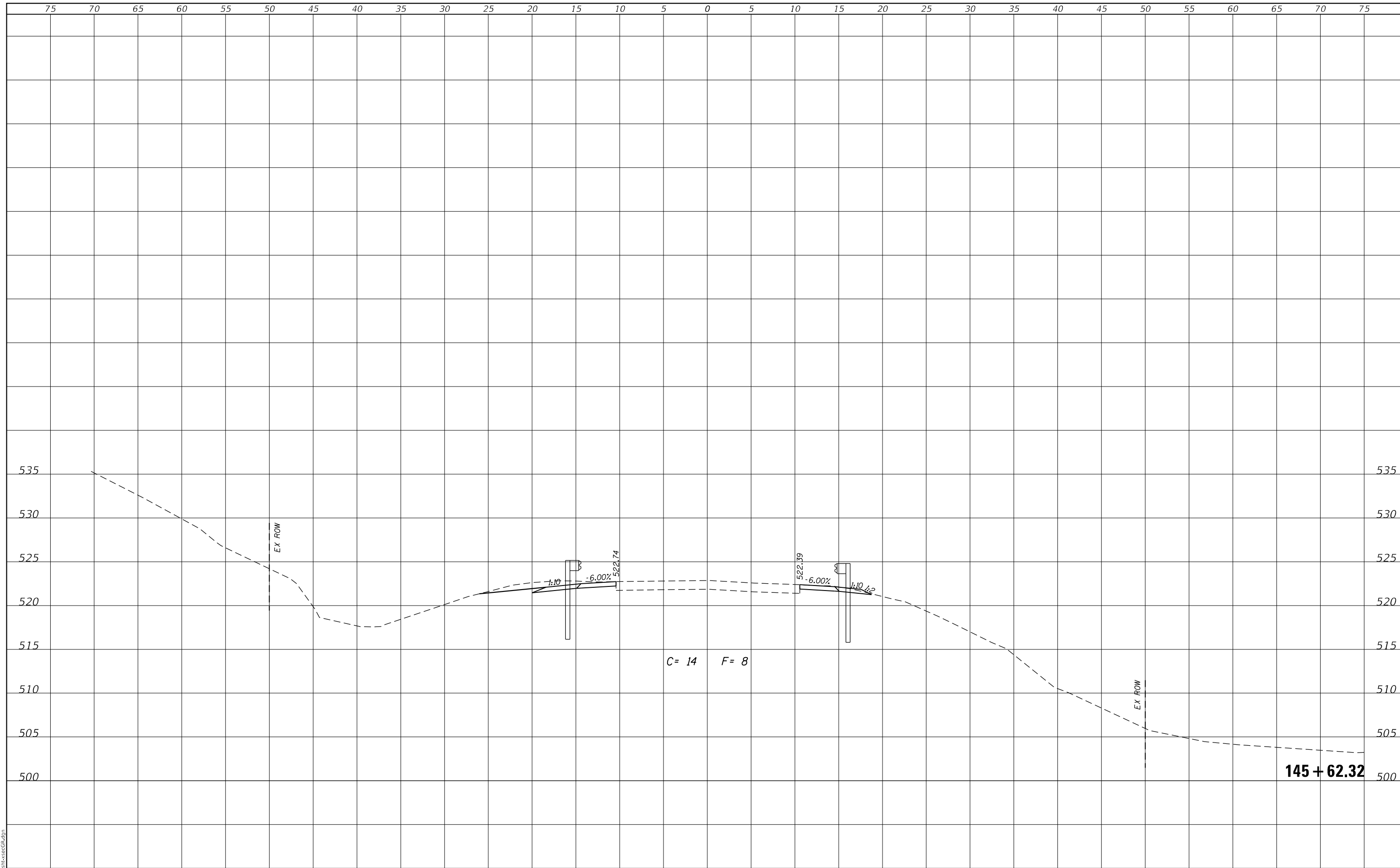
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 4			
SCALE:	SHEET	OF	SHEETS
			STA. 145+56.52 TO STA. 145+56.52

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	85
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



C = 14 F = 8

145 + 62.32

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

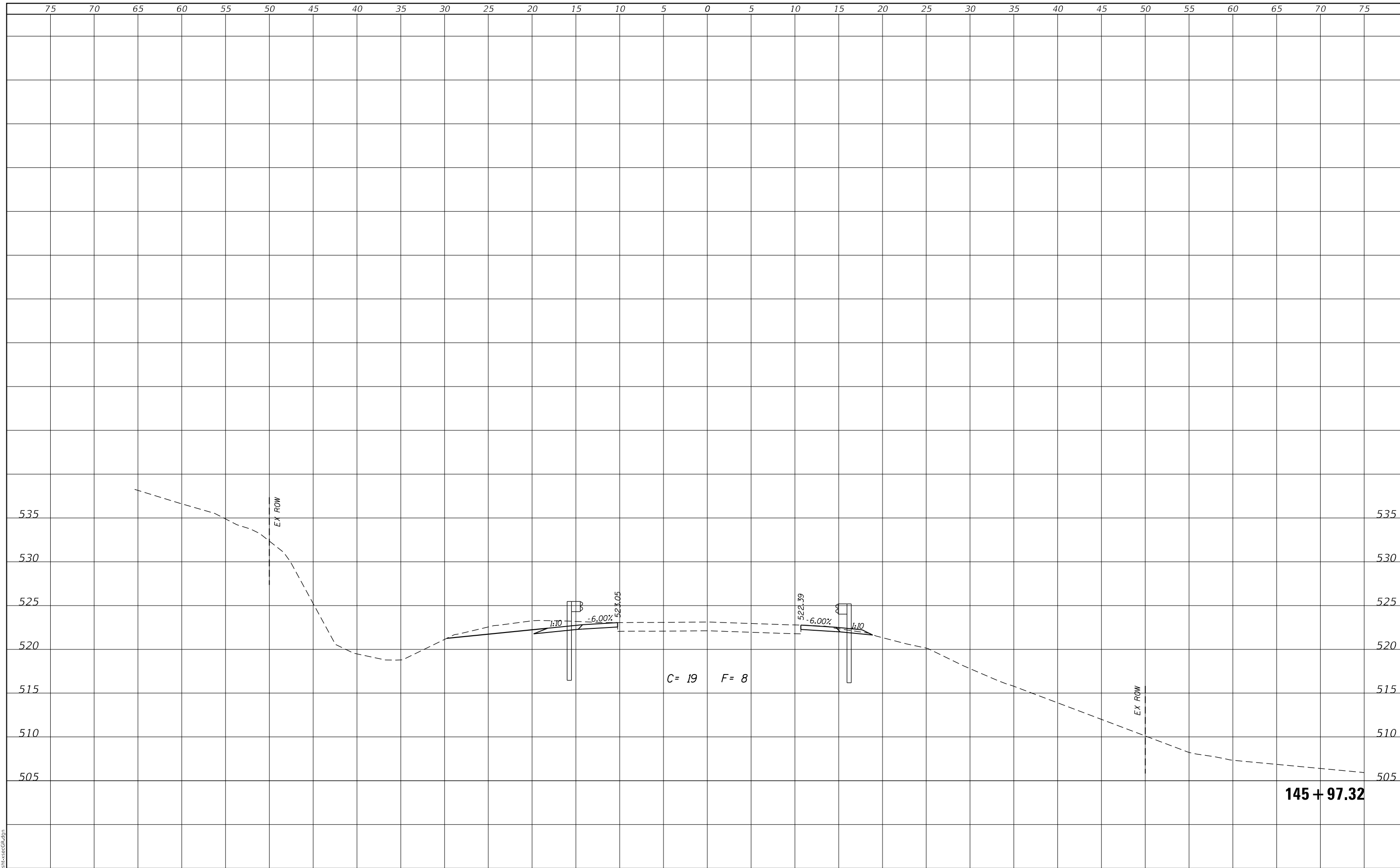
CROSS SECTIONS - LOCATION 4

SCALE:	SHEET	OF	SHEETS	STA. 145+62.32	TO STA. 145+62.32
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F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 86
			CONTRACT NO. 93806	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
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REVISED -
REVISED -

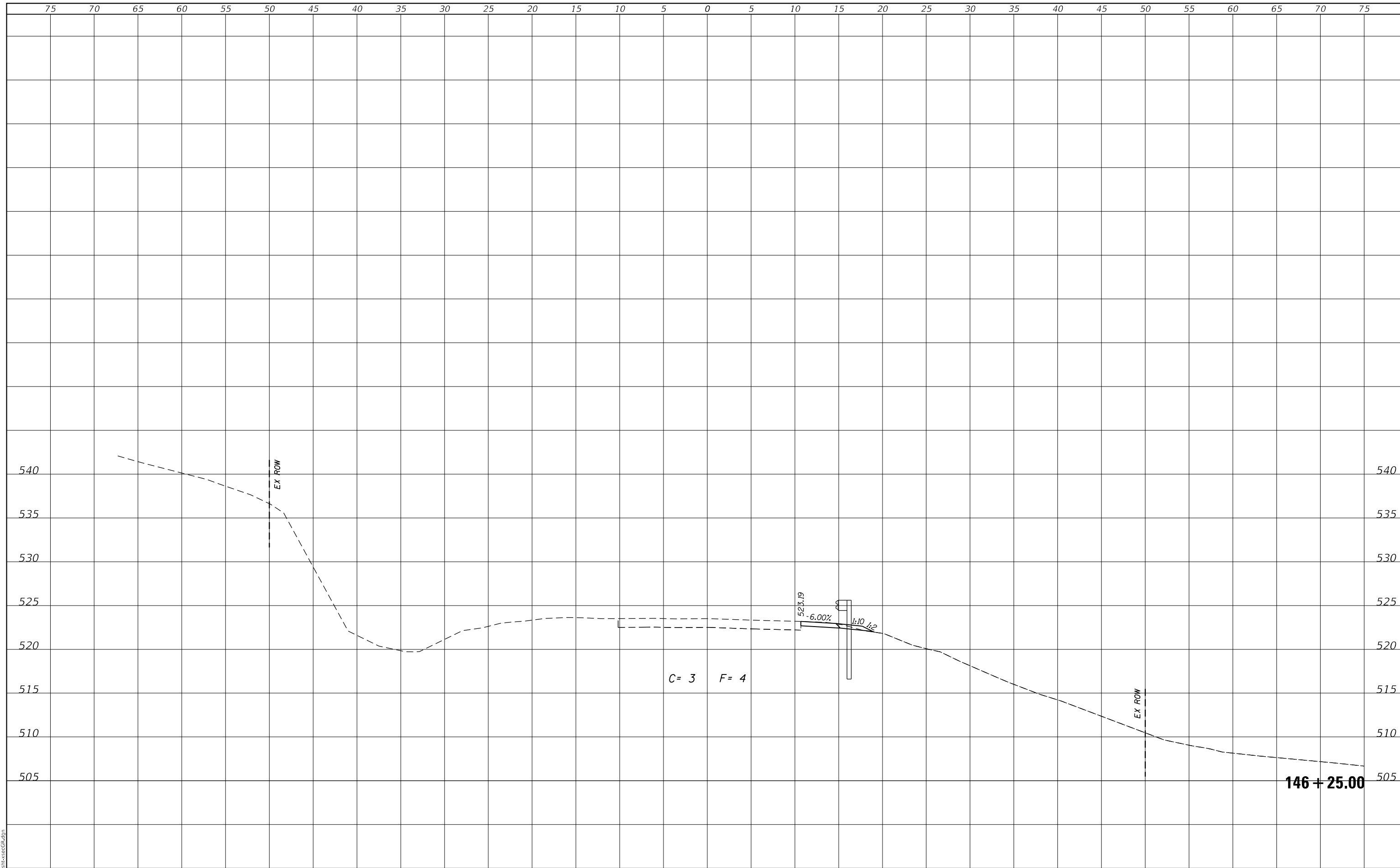
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 4			
SCALE:	SHEET	OF	SHEETS
			STA. 145+97.32 TO STA. 145+97.32

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 87
			CONTRACT NO. 93806	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

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REVISED -

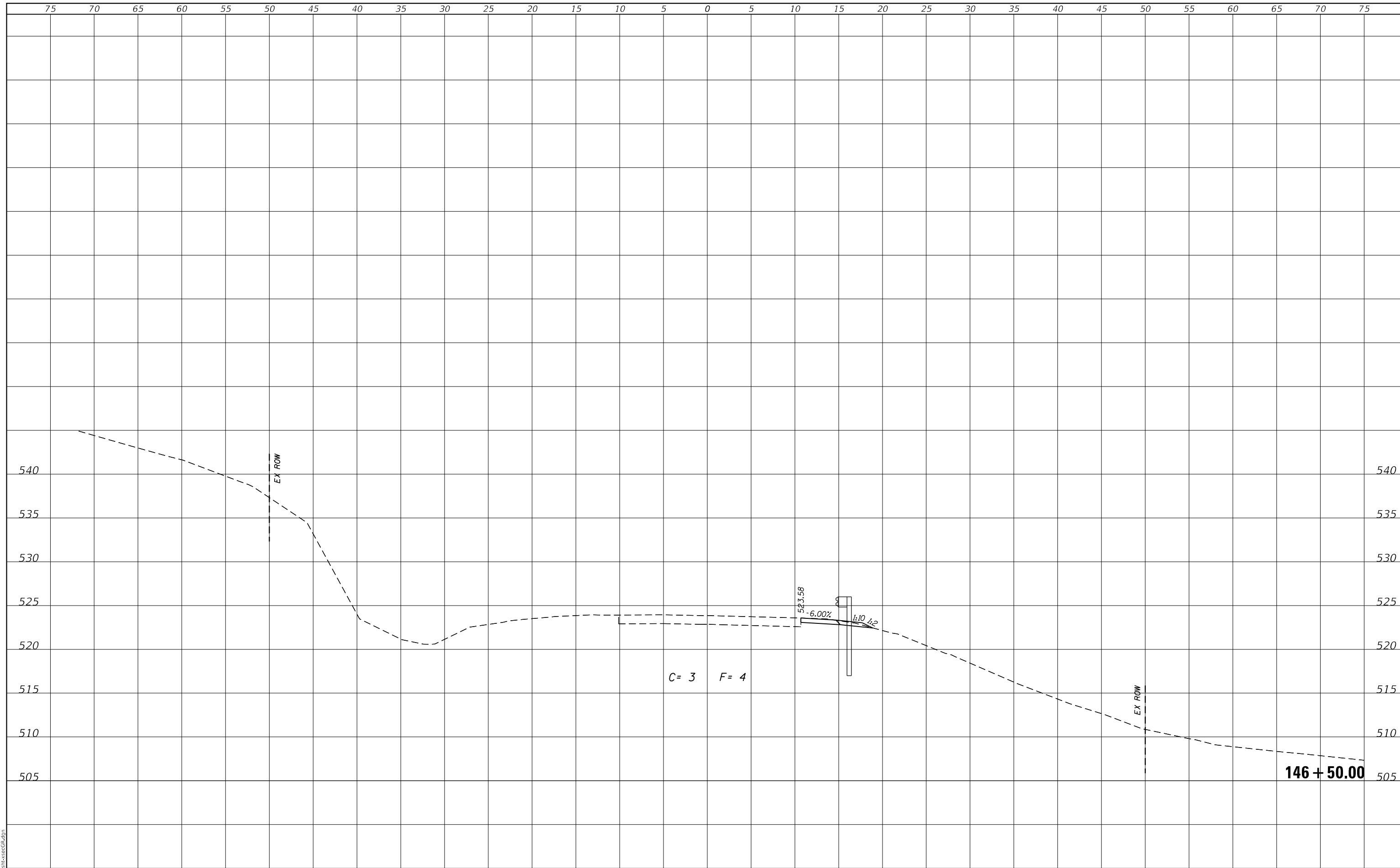
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 4			
SCALE:	SHEET	OF	SHEETS
			STA. 146+25.00 TO STA. 146+25.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	88
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-sh-t-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-sh-t-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REvised -
DRAWN - SJS	REvised -
CHECKED - THF	REvised -
DATE - 1/13/2023	REvised -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

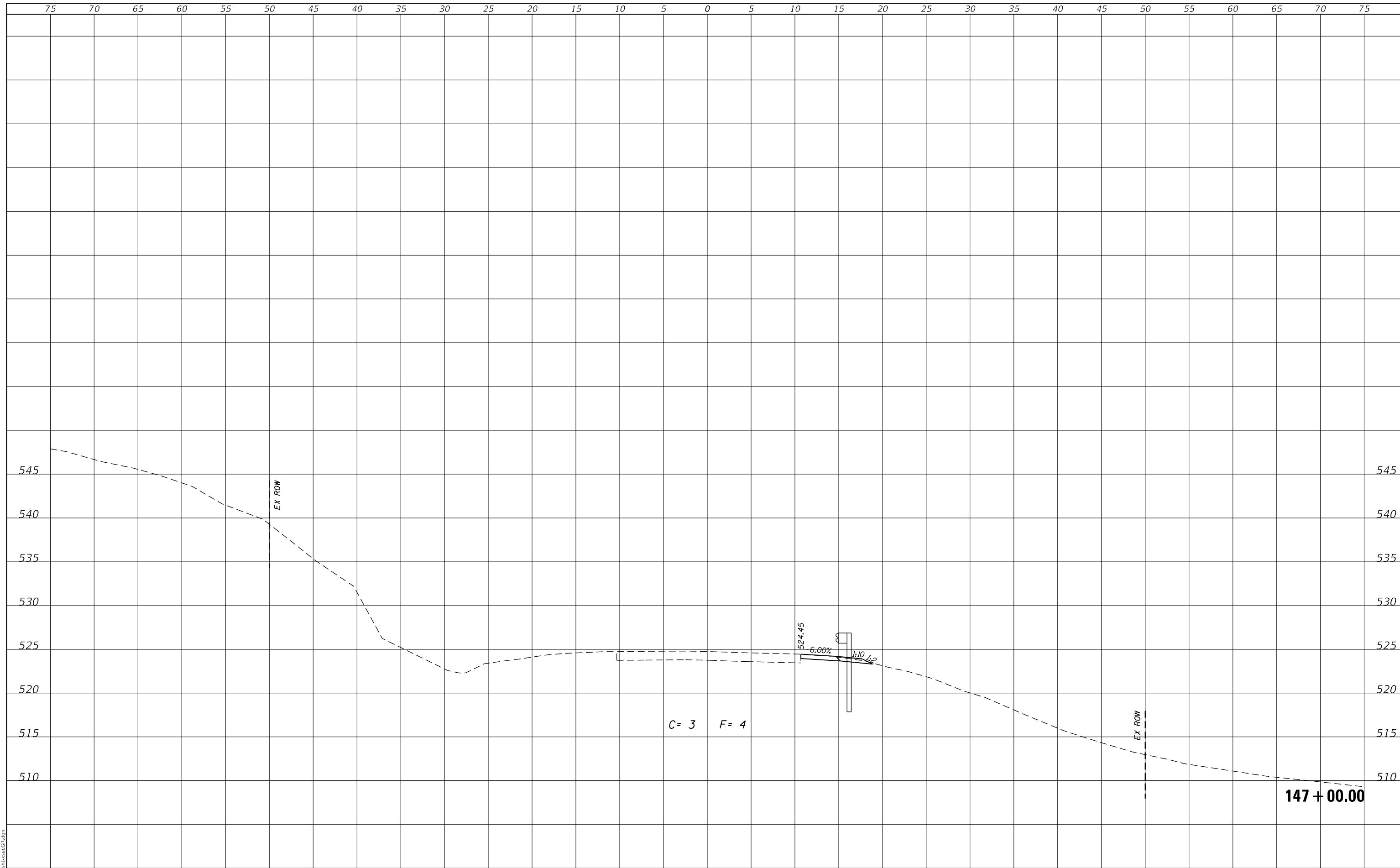
CROSS SECTIONS - LOCATION 4

SCALE: SHEET OF SHEETS STA. 146+50.00 TO STA. 146+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	89
CONTRACT NO. 93806				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

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REVISED -
REVISED -
REVISED -

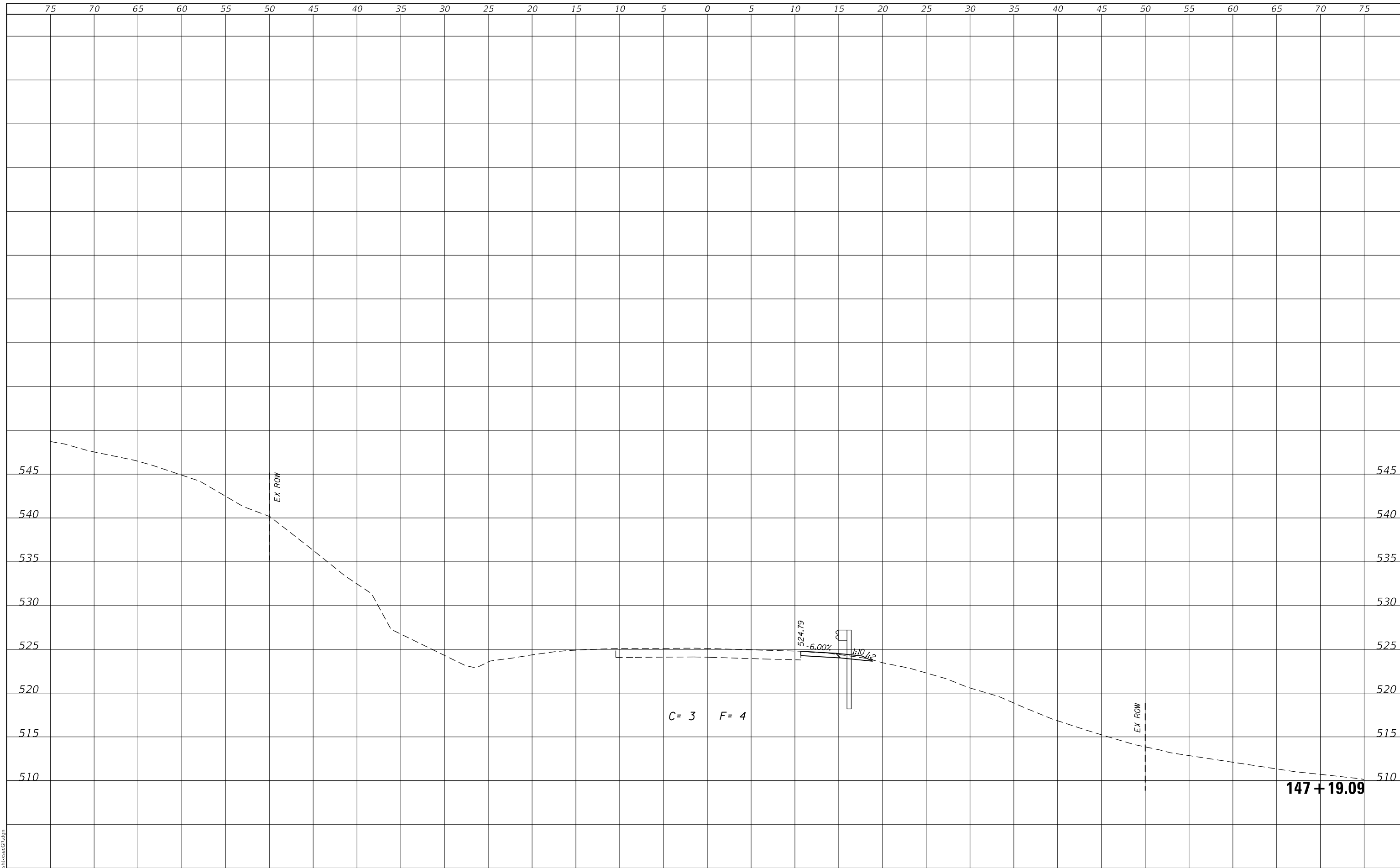
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 4			
SCALE:	SHEET	OF	SHEETS
			STA. 147+00.00 TO STA. 147+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	90
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

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REVISED -

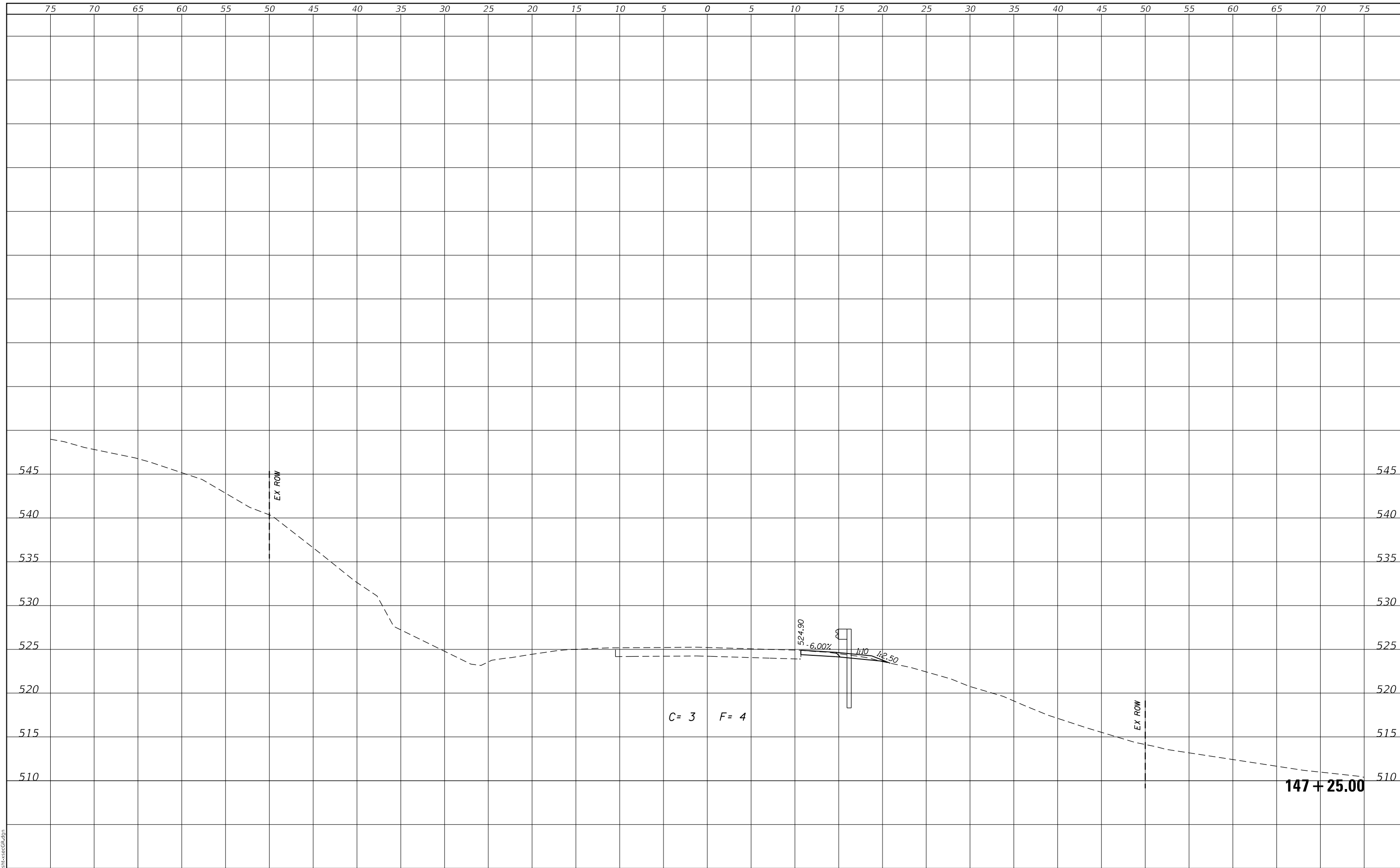
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 4			
SCALE:	SHEET	OF	SHEETS
			STA. 147+19.09 TO STA. 147+19.09

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	91
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
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REVISED -

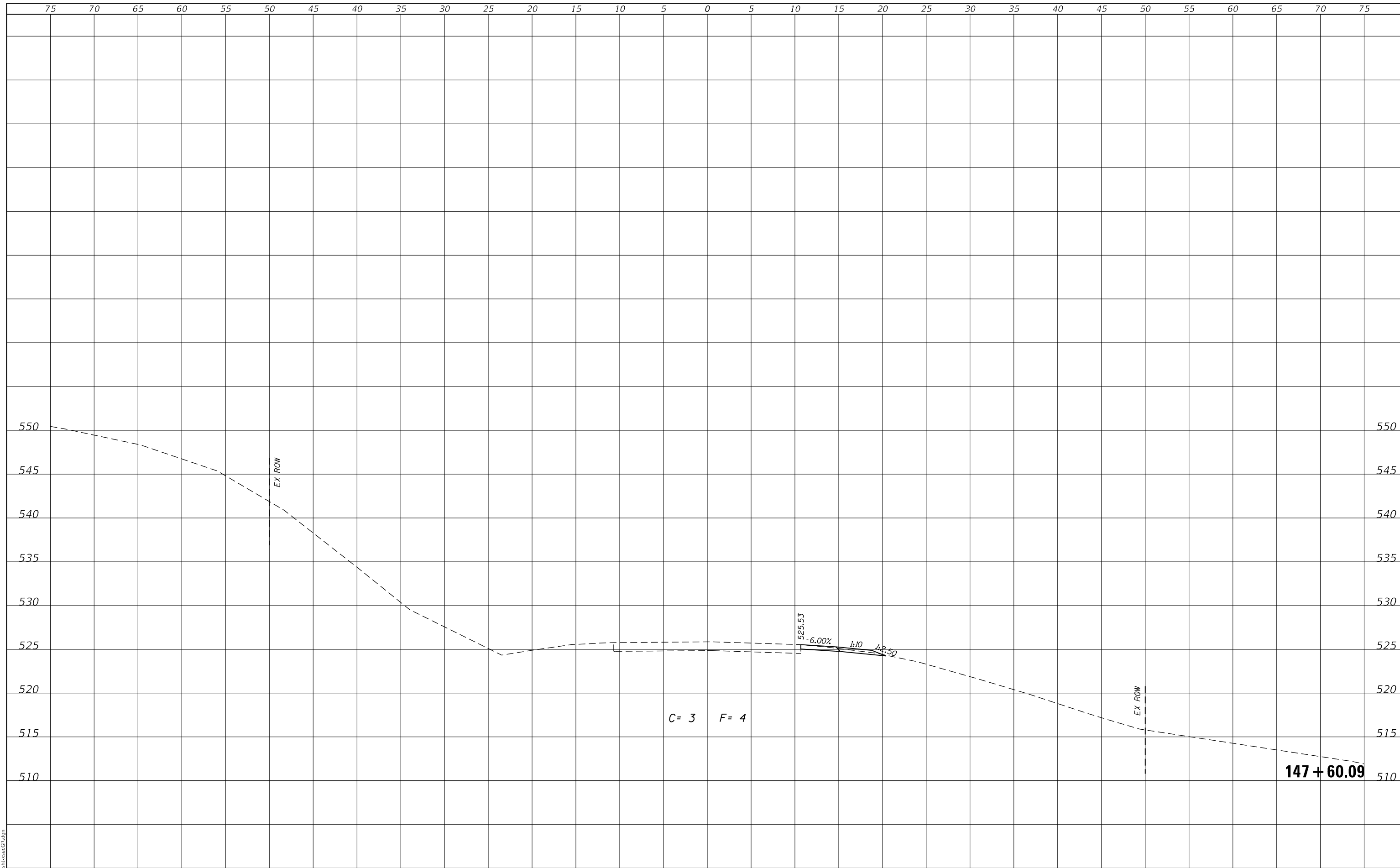
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 4			
SCALE:	SHEET	OF	SHEETS
			STA. 147+25.00 TO STA. 147+25.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	92
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



C = 3 F = 4

MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
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REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

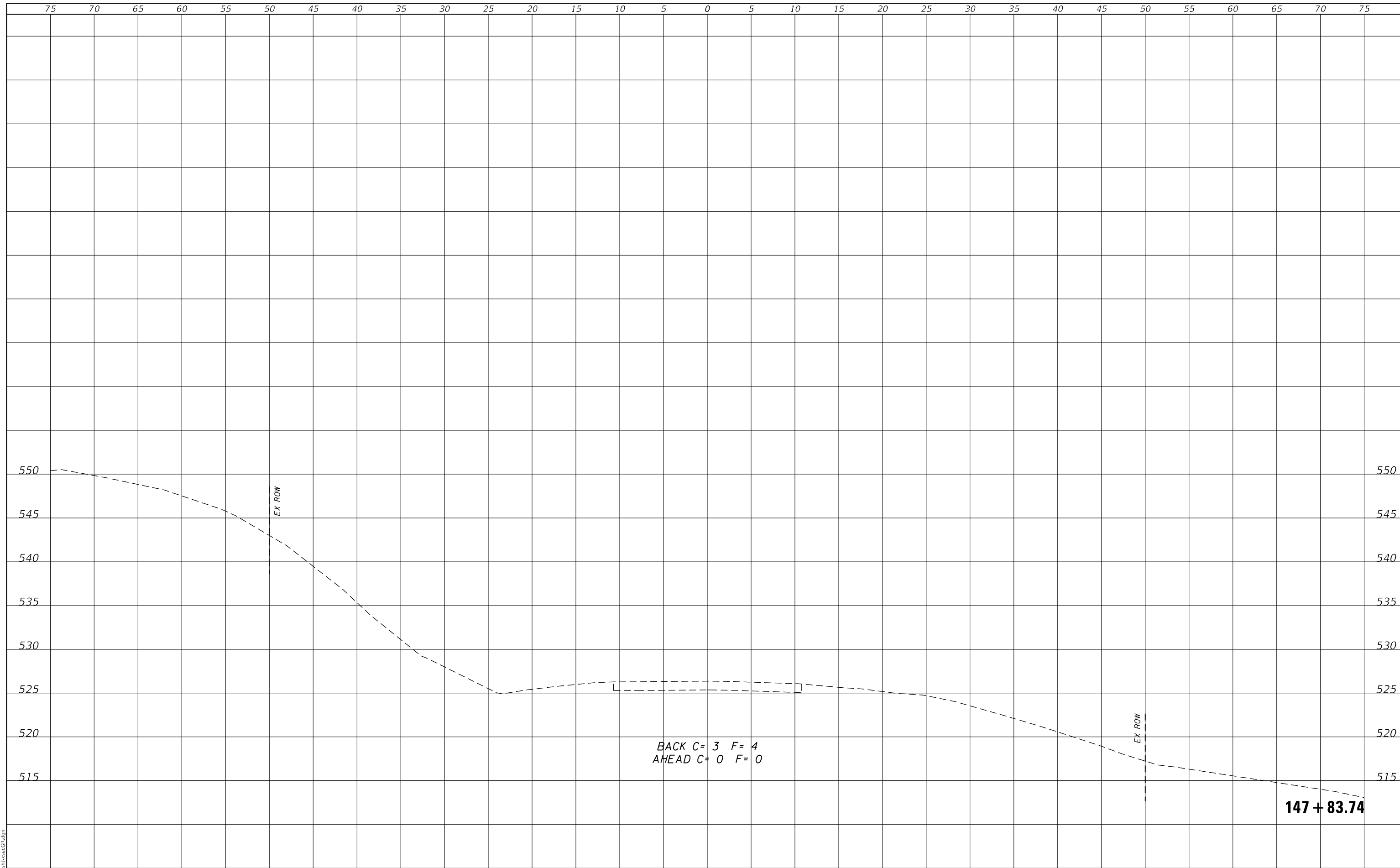
CROSS SECTIONS - LOCATION 4

SCALE: SHEET OF SHEETS STA. 147+60.09 TO STA. 147+60.09

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	93
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

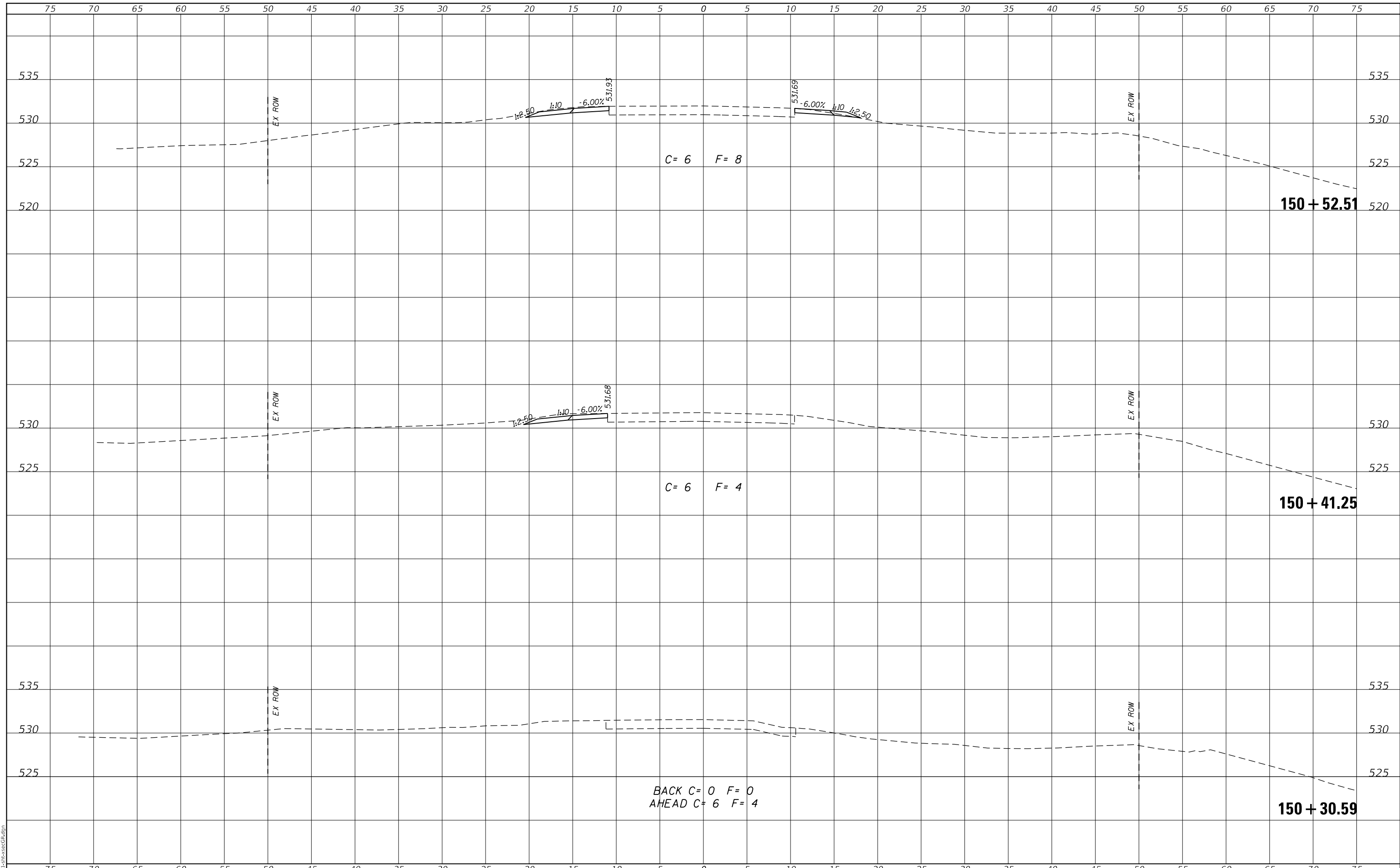
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 4	
SCALE:	SHEET OF SHEETS
STA. 147+83.74 TO STA. 147+83.74	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	94
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



C= 6 F= 8

C= 6 F= 4

BACK C= 0 F= 0
AHEAD C= 6 F= 4



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 5

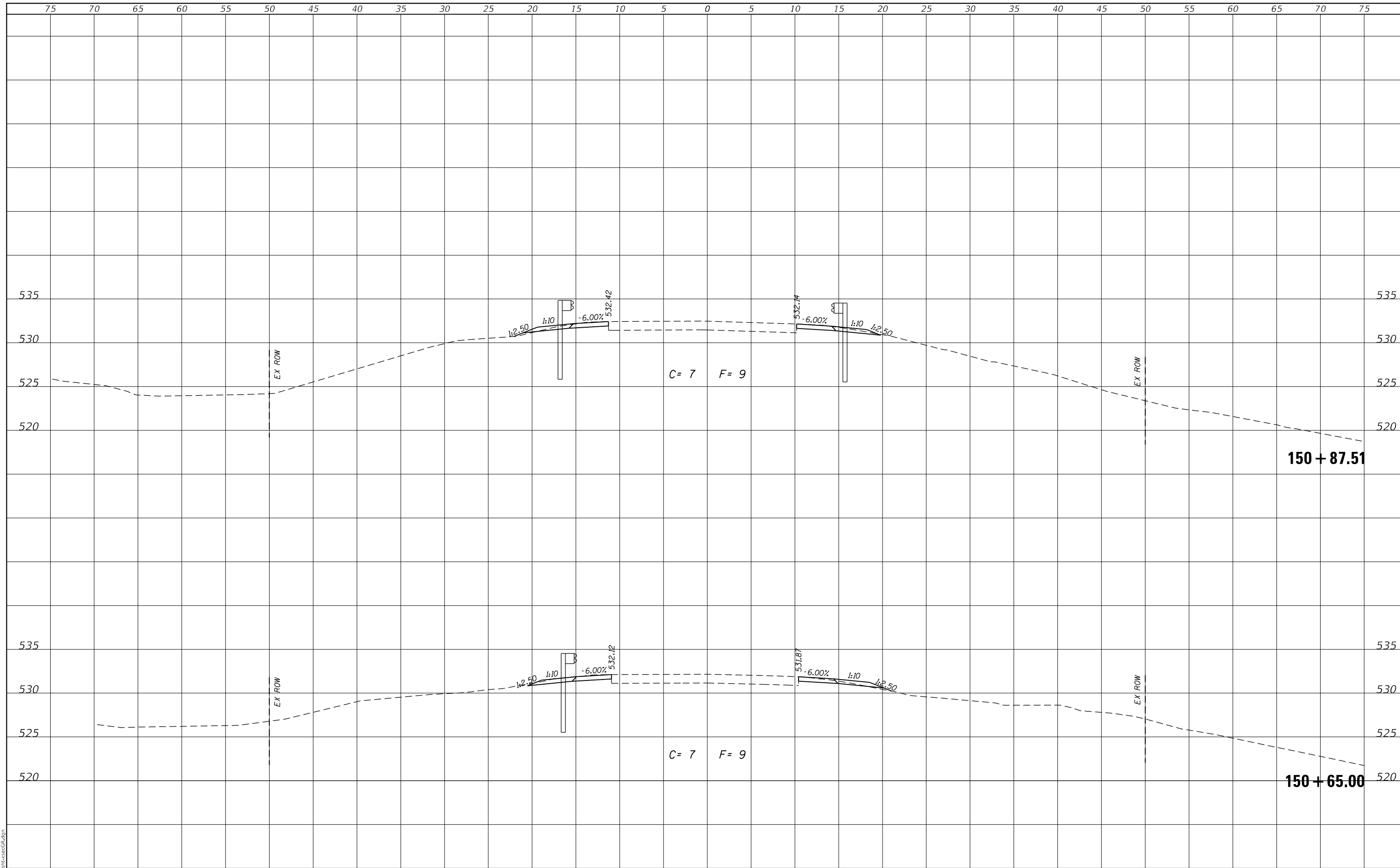
SCALE: SHEET OF SHEETS STA. 150+30.59 TO STA. 150+52.51

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	95
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

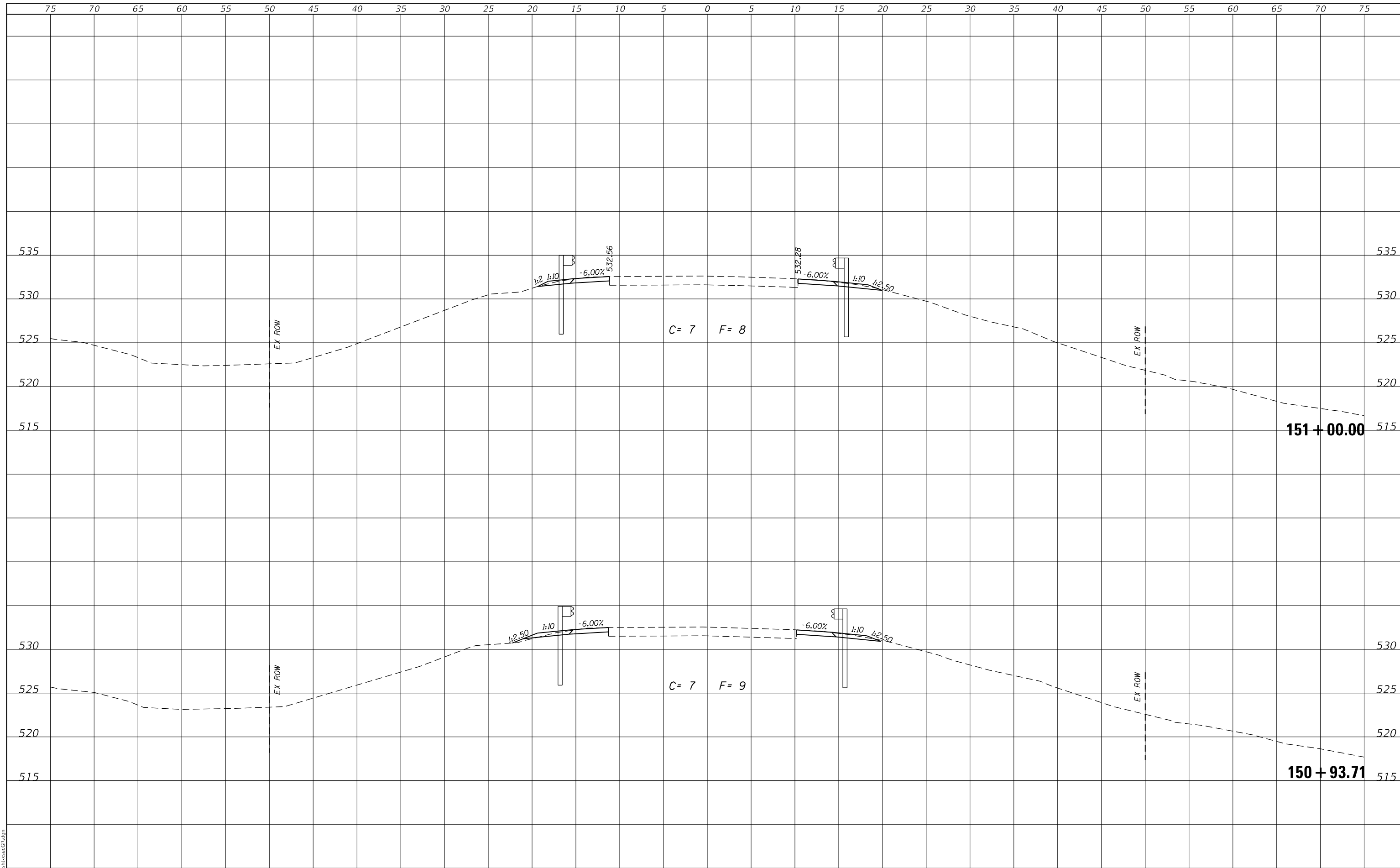
CROSS SECTIONS - LOCATION 5

SCALE: SHEET OF SHEETS STA. 150+65.00 TO STA. 150+87.51

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	96
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

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REVISED -

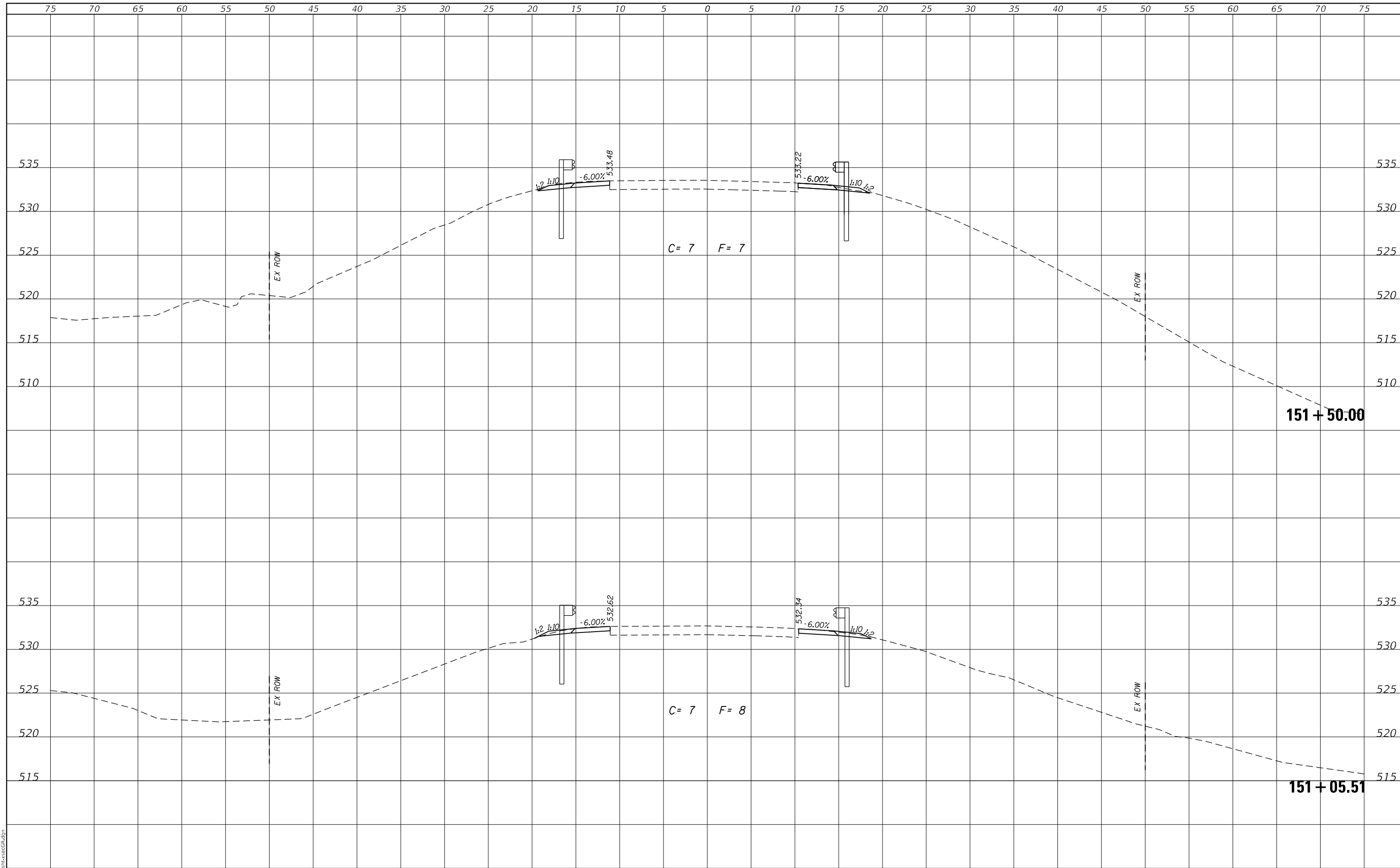
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 5			
SCALE:	SHEET	OF	SHEETS
		STA. 150+93.71	TO STA. 151+00.00

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 97
			CONTRACT NO. 93806	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	



MODEL: Definit
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

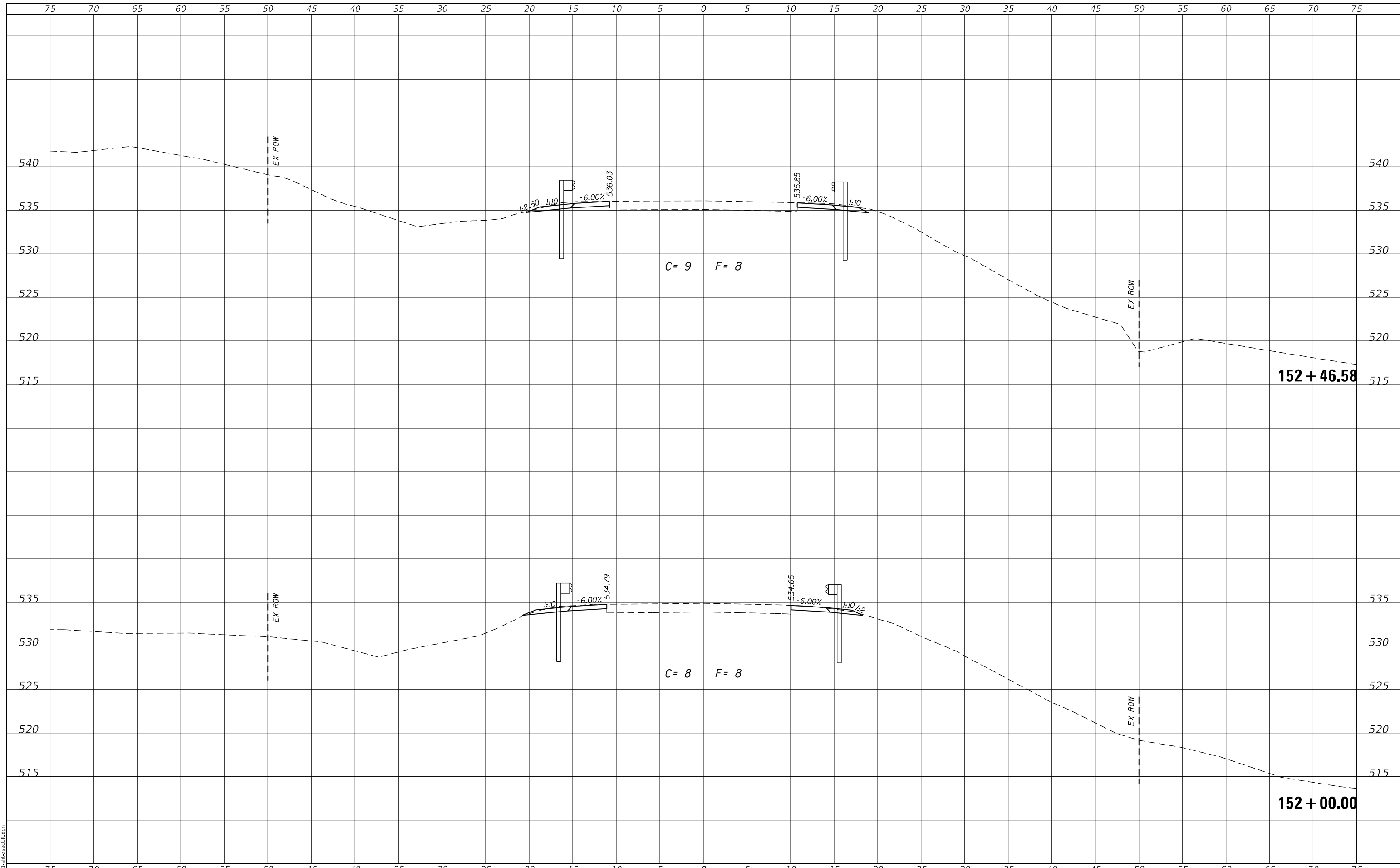
CROSS SECTIONS - LOCATION 5

SCALE: SHEET OF SHEETS STA. 151+05.51 TO STA. 151+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	98
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaulr
 FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

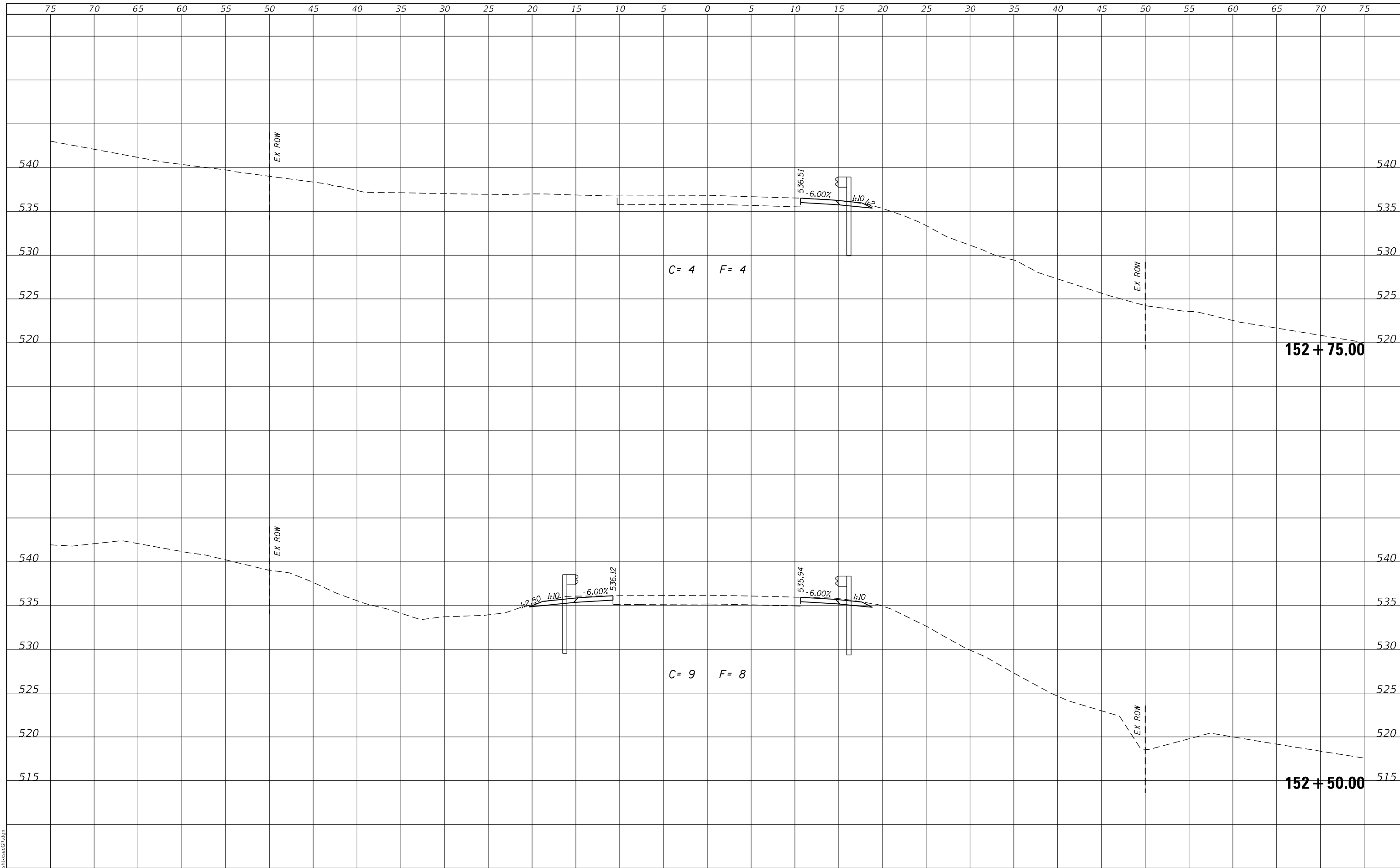
CROSS SECTIONS - LOCATION 5

SCALE:	SHEET	OF	SHEETS	STA. 152+00.00	TO STA. 152+46.58
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	99
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

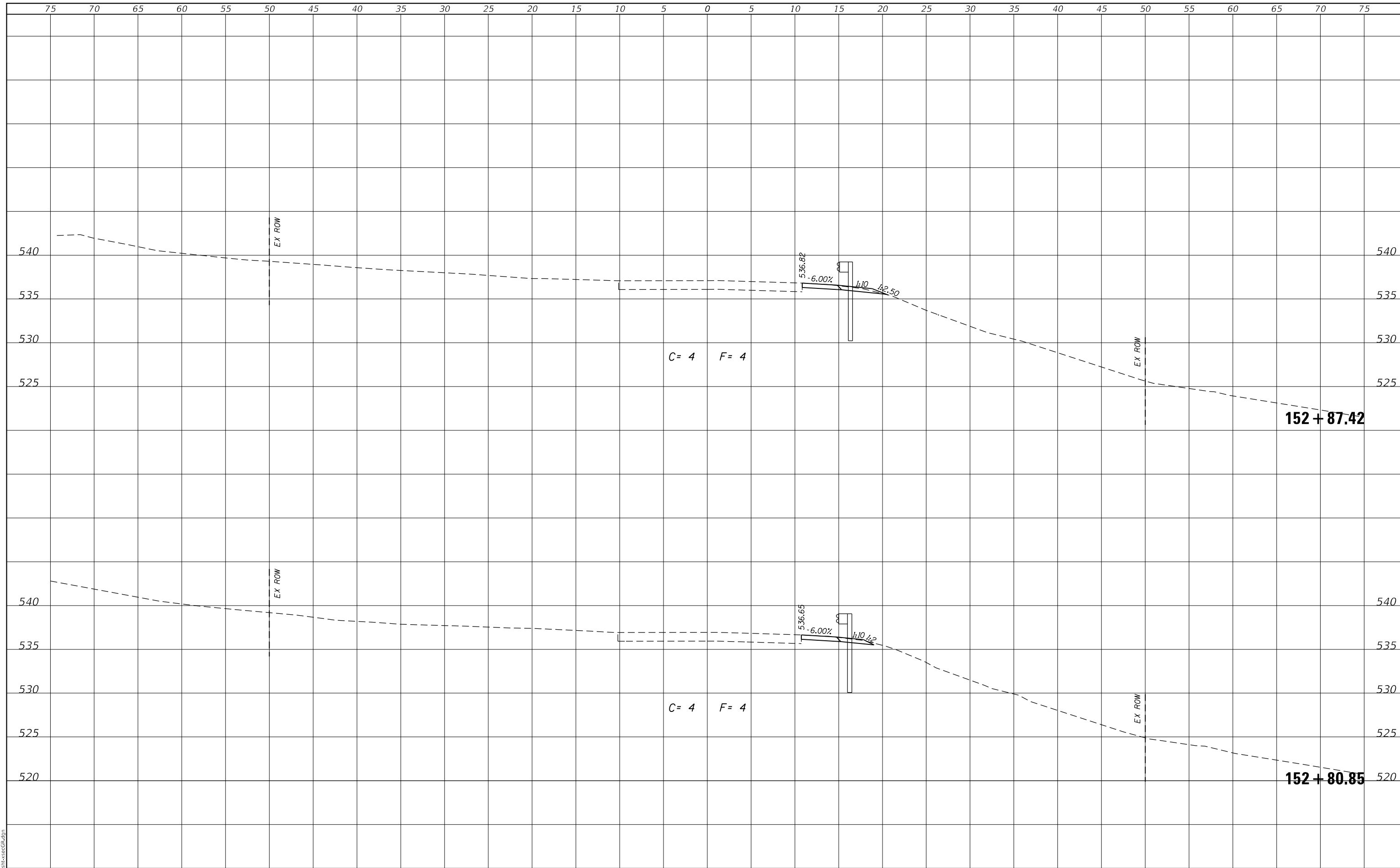
CROSS SECTIONS - LOCATION 5

SCALE: SHEET OF SHEETS STA. 152+50.00 TO STA. 152+75.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	100
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

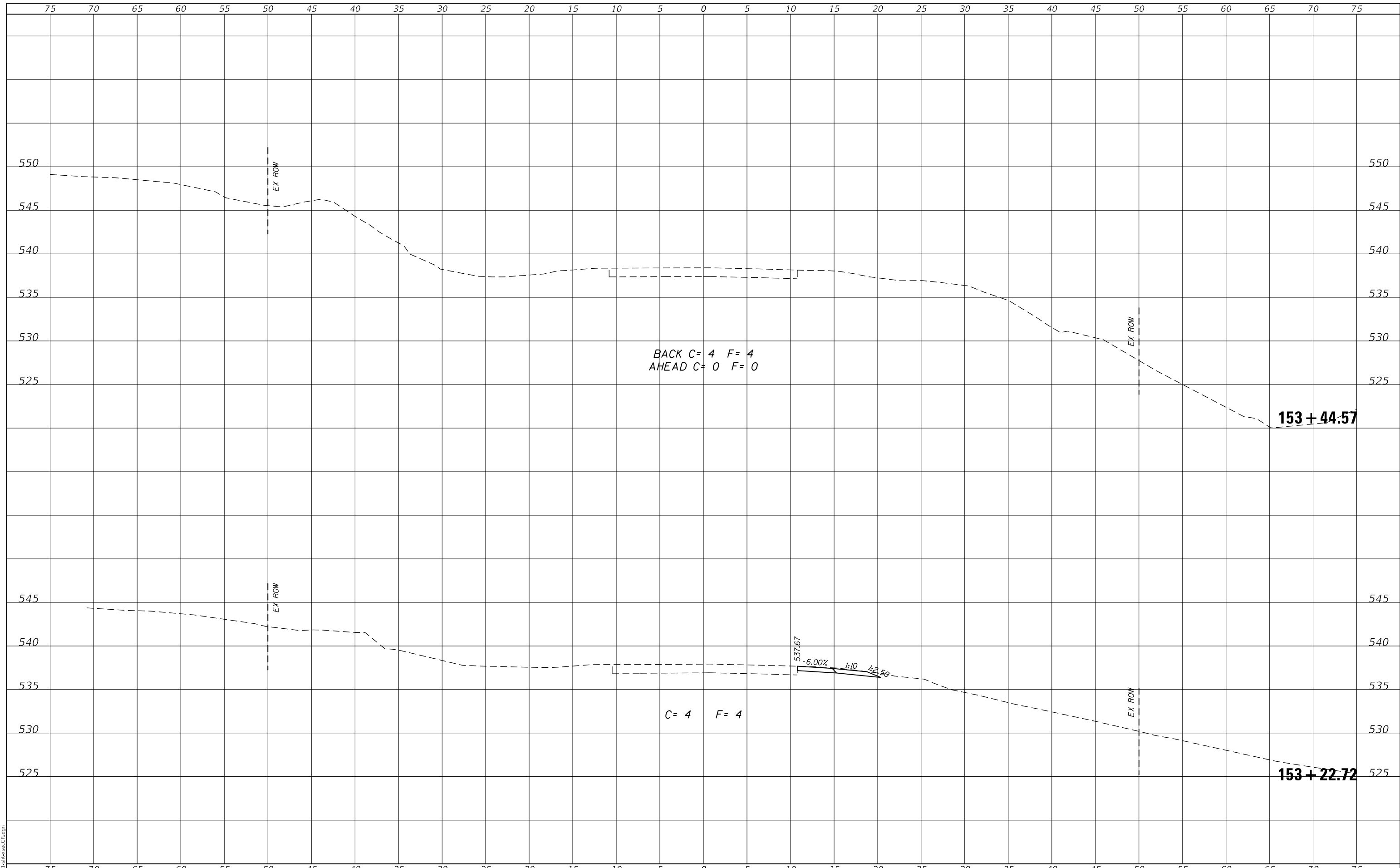
CROSS SECTIONS - LOCATION 5

SCALE:	SHEET	OF	SHEETS	STA. 152+80.85	TO STA. 152+87.42
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	101
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

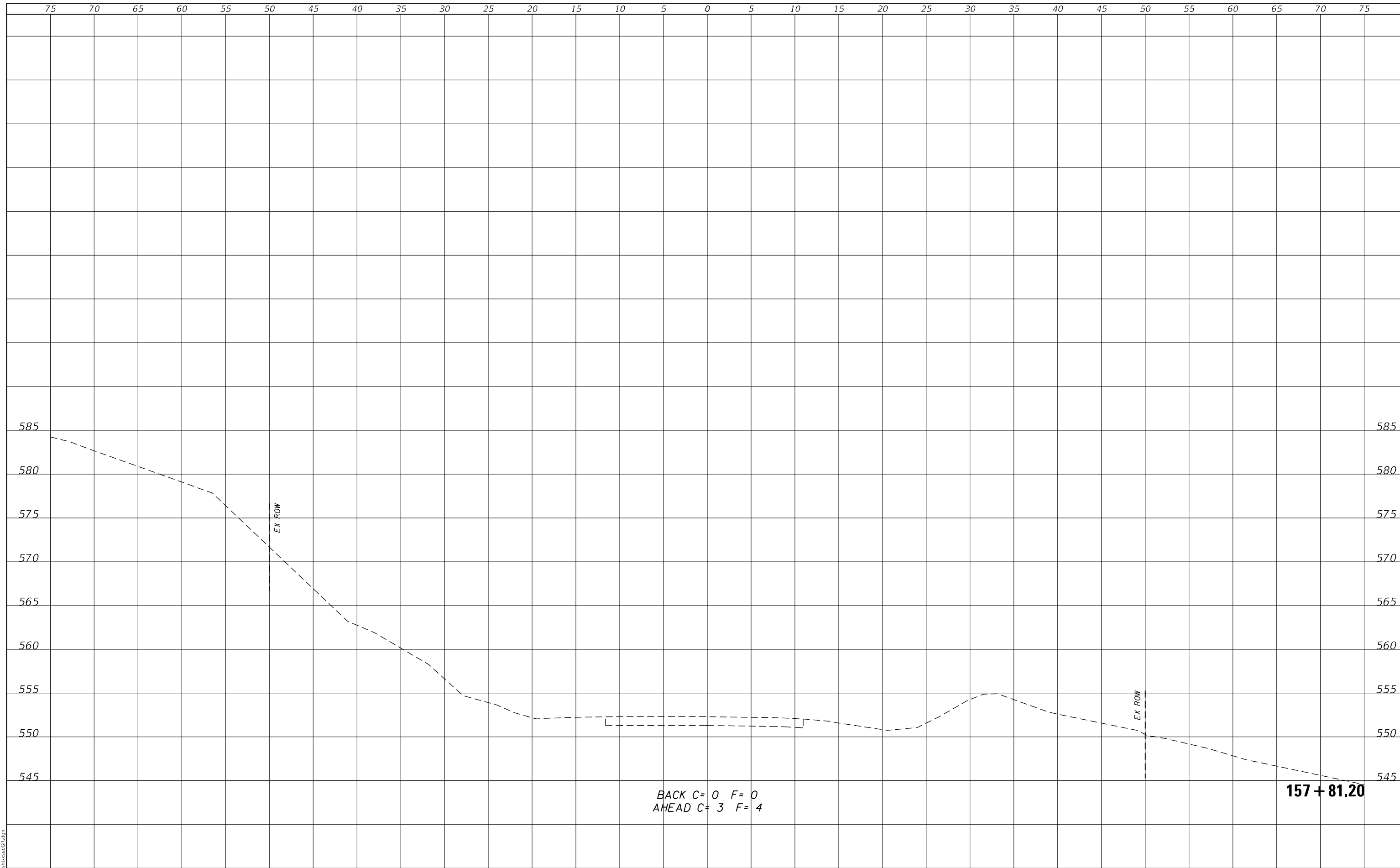
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 5			
SCALE:	SHEET	OF	SHEETS
STA. 153+22.72		TO STA. 153+44.57	

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 102
CONTRACT NO. 93806			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shl-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shl-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

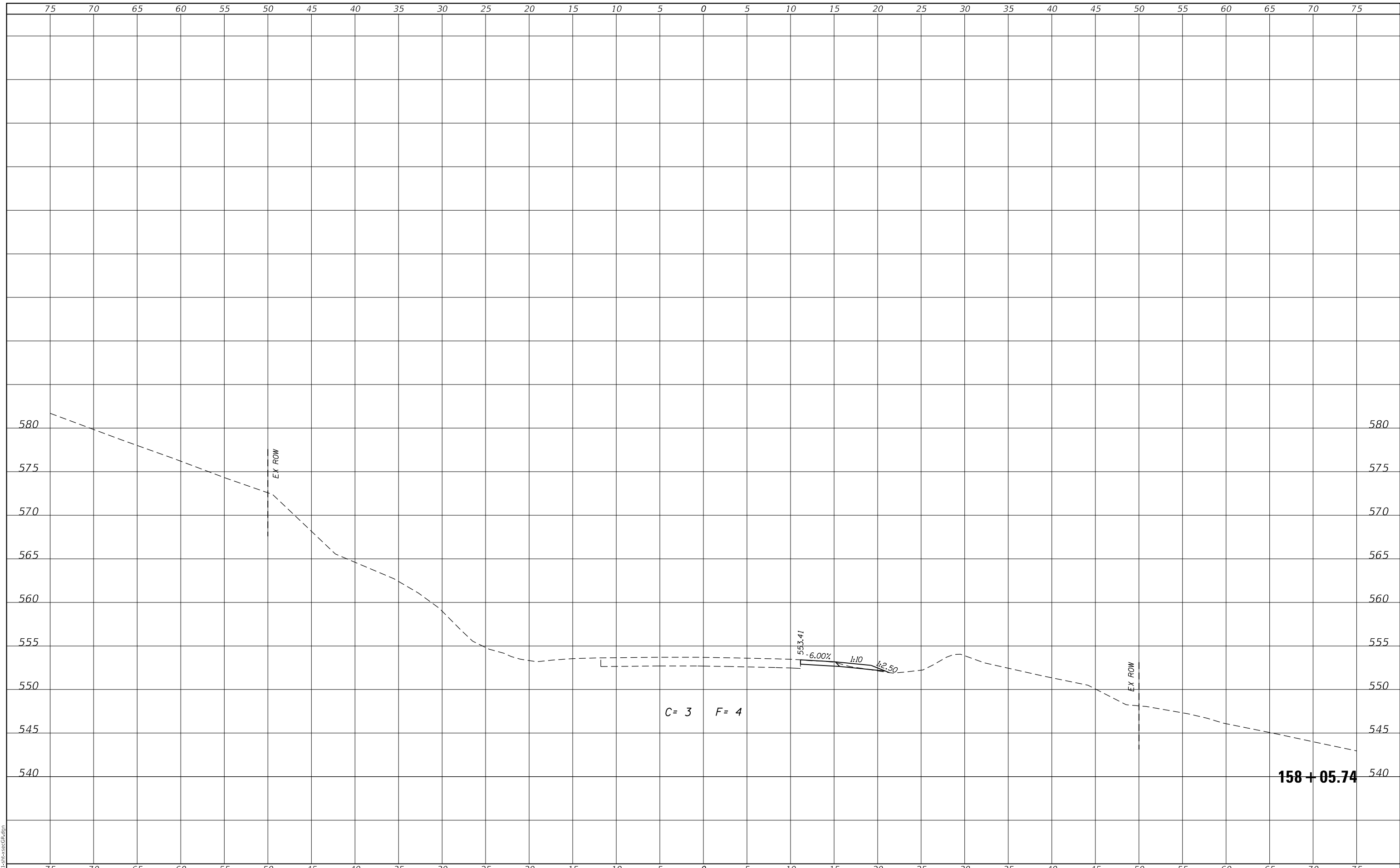
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 6			
SCALE:	SHEET	OF	SHEETS
			STA. 157+81.20 TO STA. 157+81.20

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 103
			CONTRACT NO. 93806	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REvised -
DRAWN - SJS	REvised -
CHECKED - THF	REvised -
DATE - 1/13/2023	REvised -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

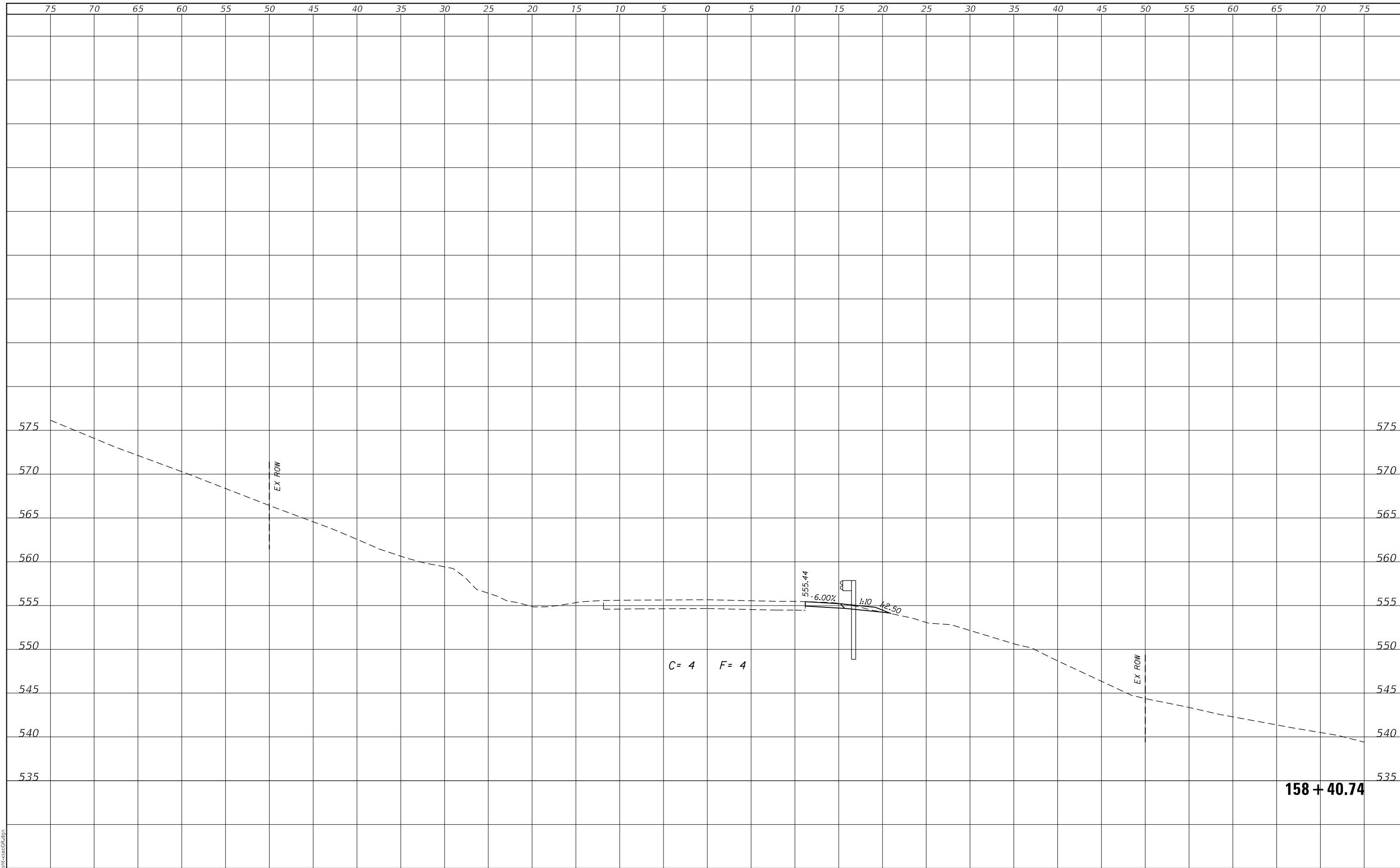
CROSS SECTIONS - LOCATION 6

SCALE:	SHEET	OF	SHEETS	STA. 158+05.74	TO STA. 158+05.74
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F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 104
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93806	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED
NOTE BOOK	TEMPLATE AREAS CHECKED
BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED
NOTE BOOK	TEMPLATE AREAS CHECKED
BY	DATE



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

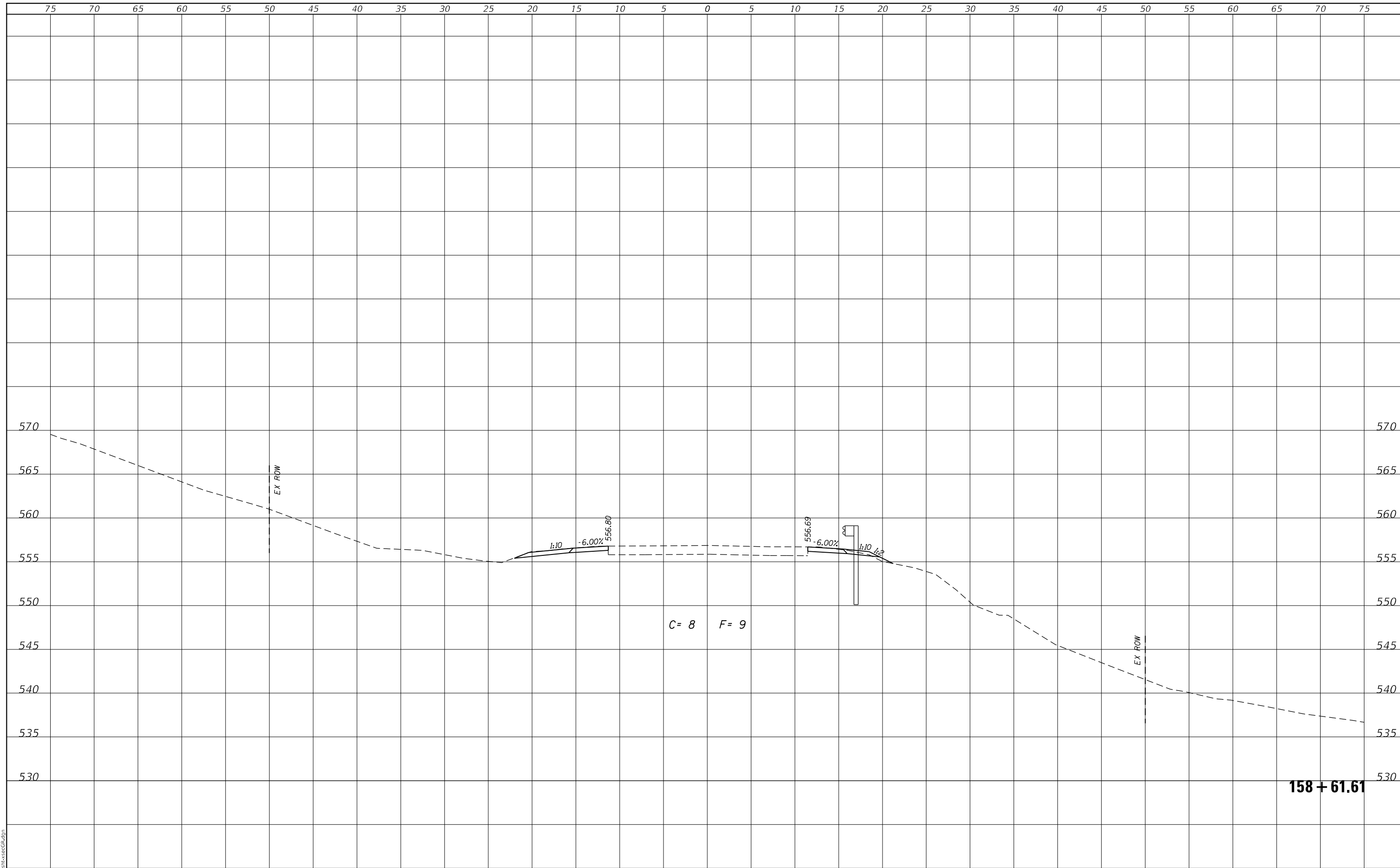
CROSS SECTIONS - LOCATION 6			
SCALE:	SHEET	OF SHEETS	STA. 158+40.74 TO STA. 158+40.74

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 105
CONTRACT NO. 93806				ILLINOIS FED. AID PROJECT

158 + 40.74

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

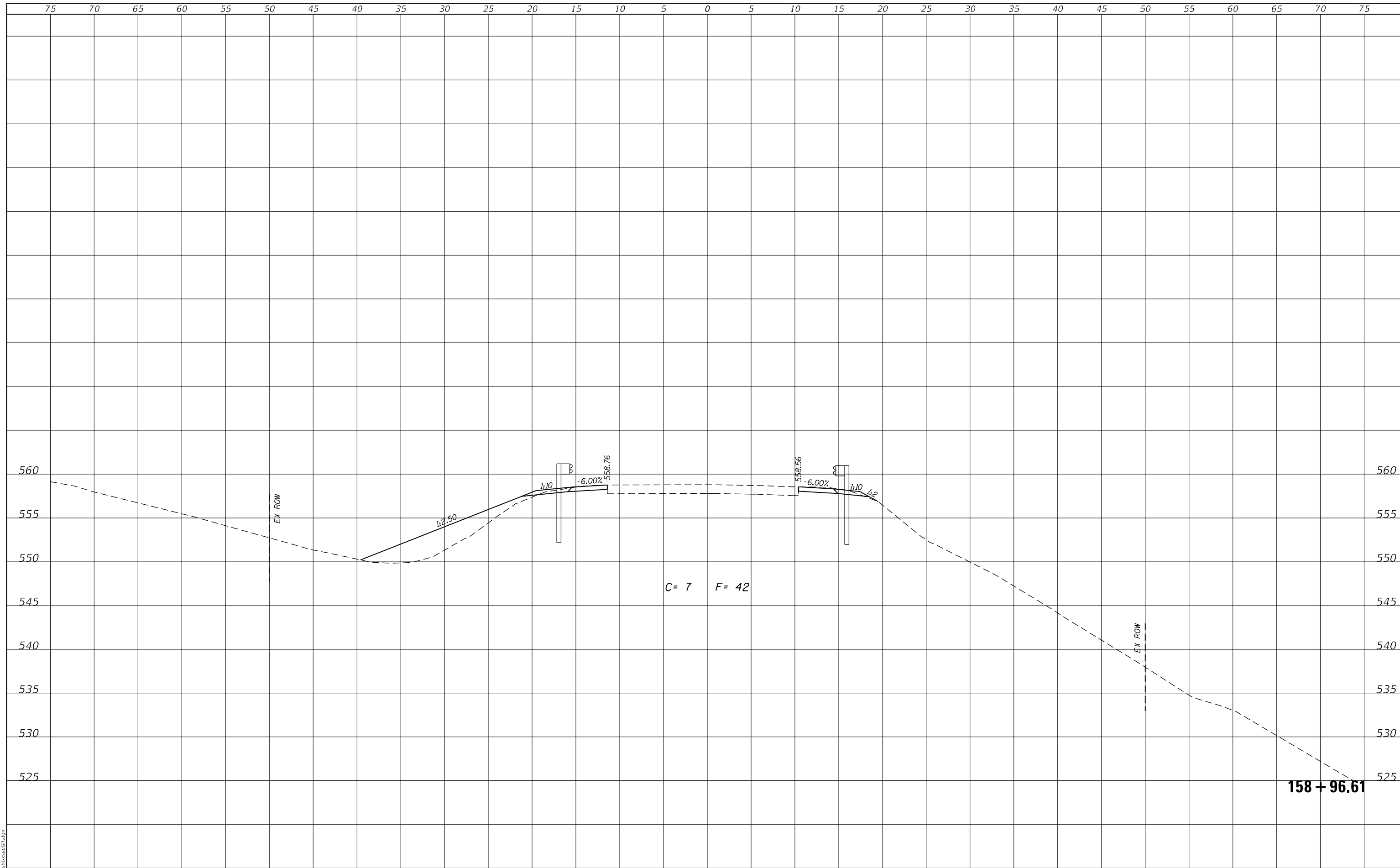
CROSS SECTIONS - LOCATION 6			
SCALE:	SHEET	OF	SHEETS
			STA. 158+61.61 TO STA. 158+61.61

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	106
				CONTRACT NO. 93806
		ILLINOIS	FED. AID PROJECT	

158 + 61.61

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

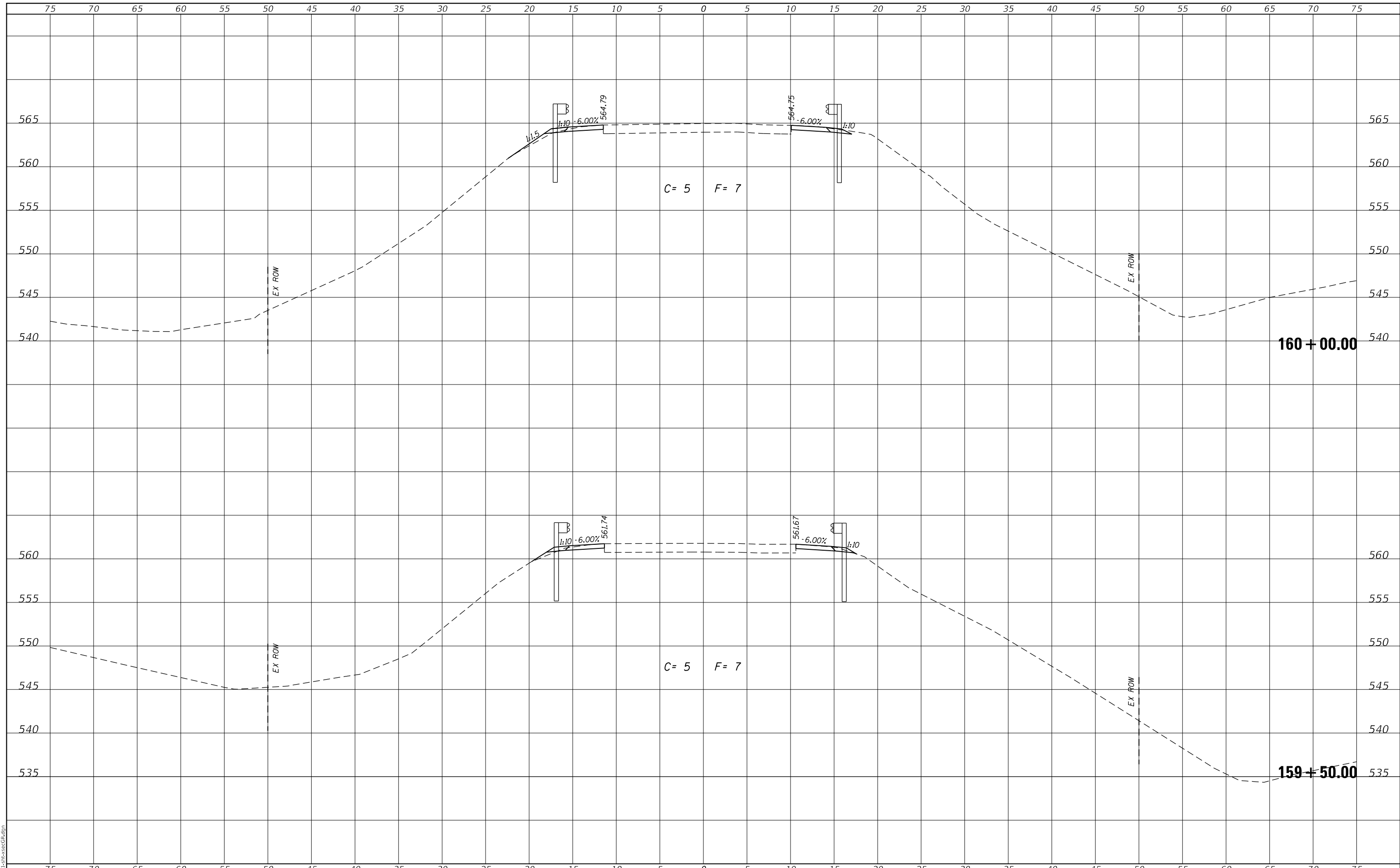
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 6			
SCALE:	SHEET	OF	SHEETS
			STA. 158+96.61 TO STA. 158+96.61

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	107
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
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Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

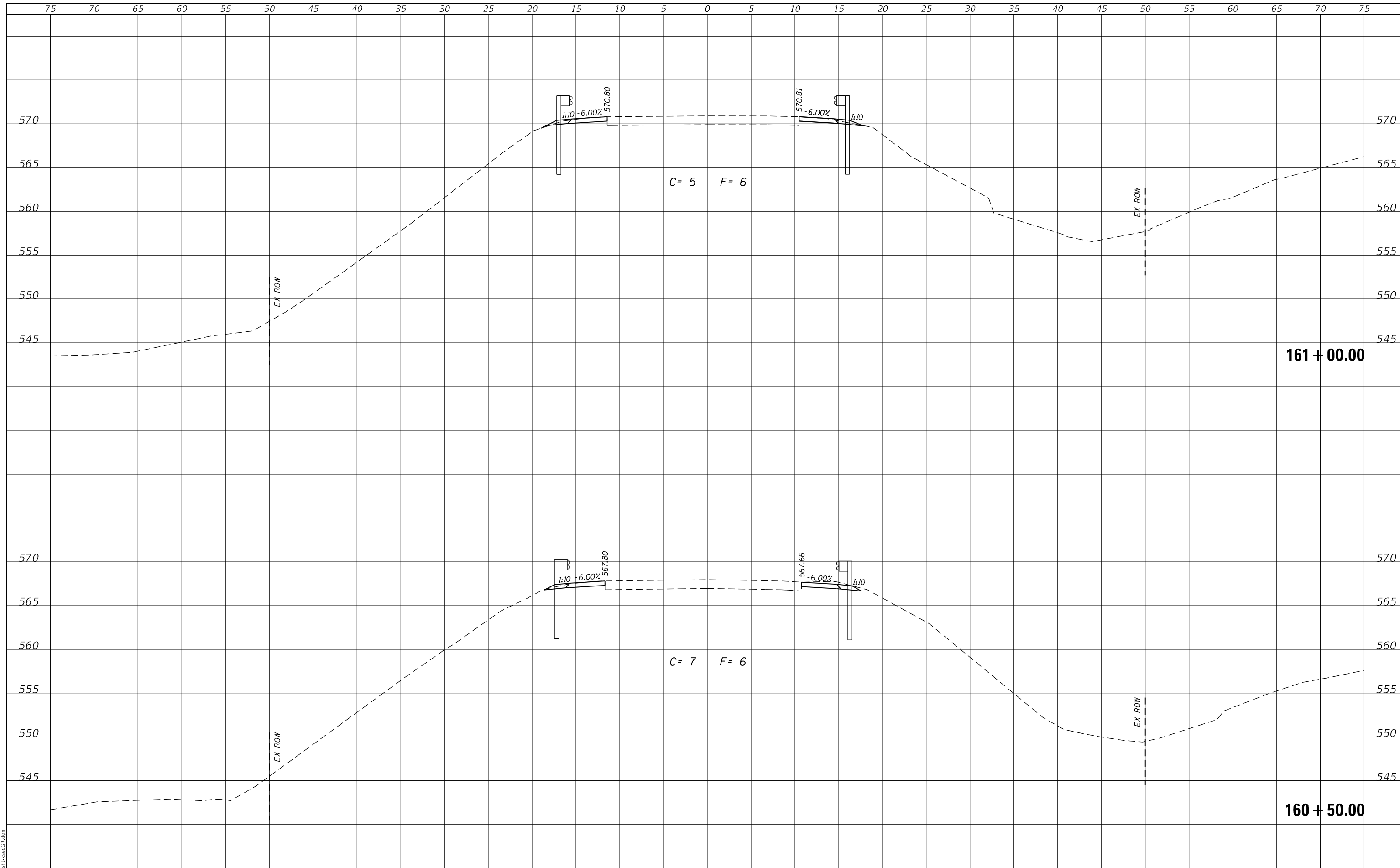
CROSS SECTIONS - LOCATION 6

SCALE:	SHEET	OF	SHEETS	STA. 159+50.00	TO STA. 160+00.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	108
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

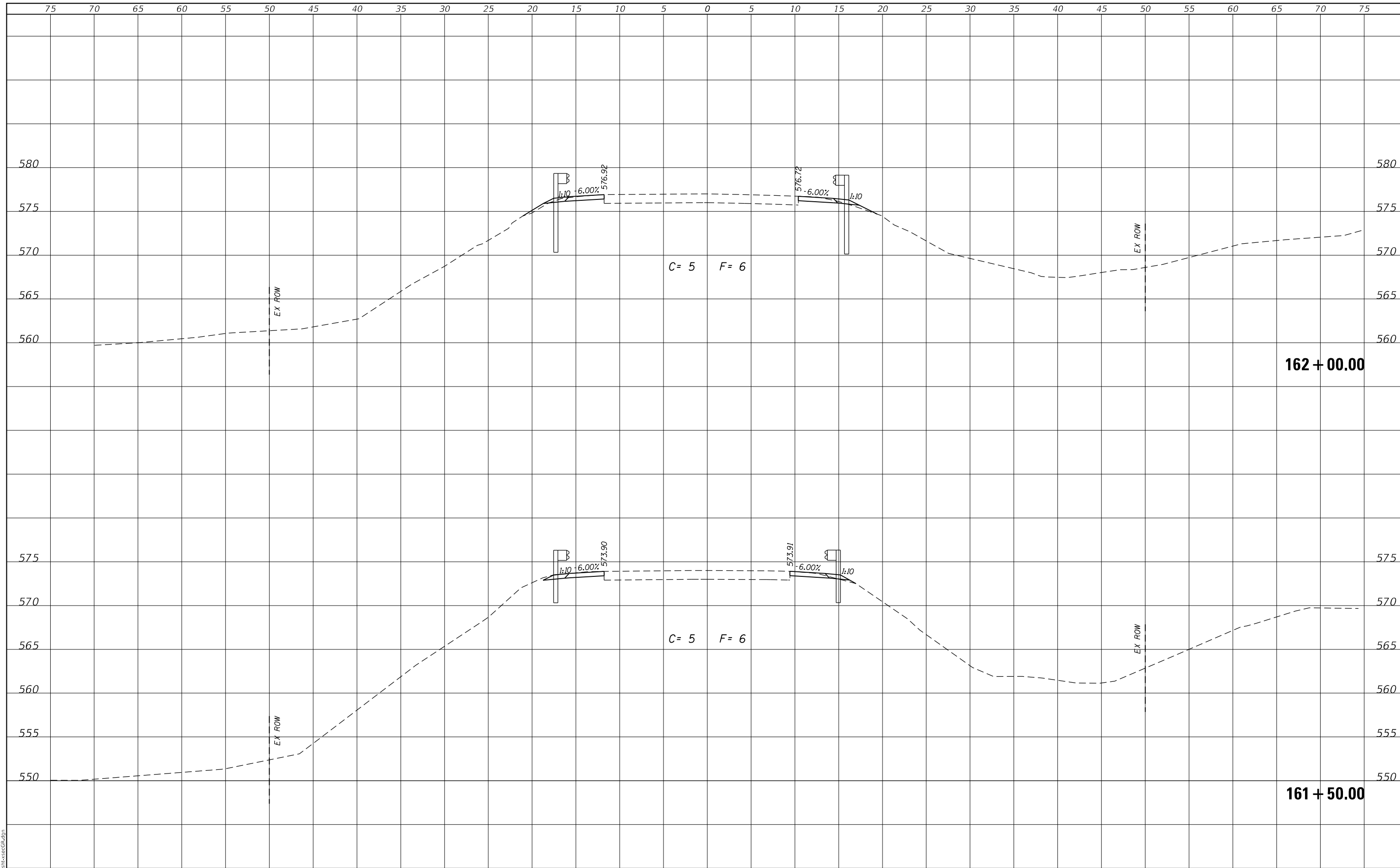
CROSS SECTIONS - LOCATION 6

SCALE:	SHEET	OF	SHEETS	STA. 160+50.00	TO STA. 161+00.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	109
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

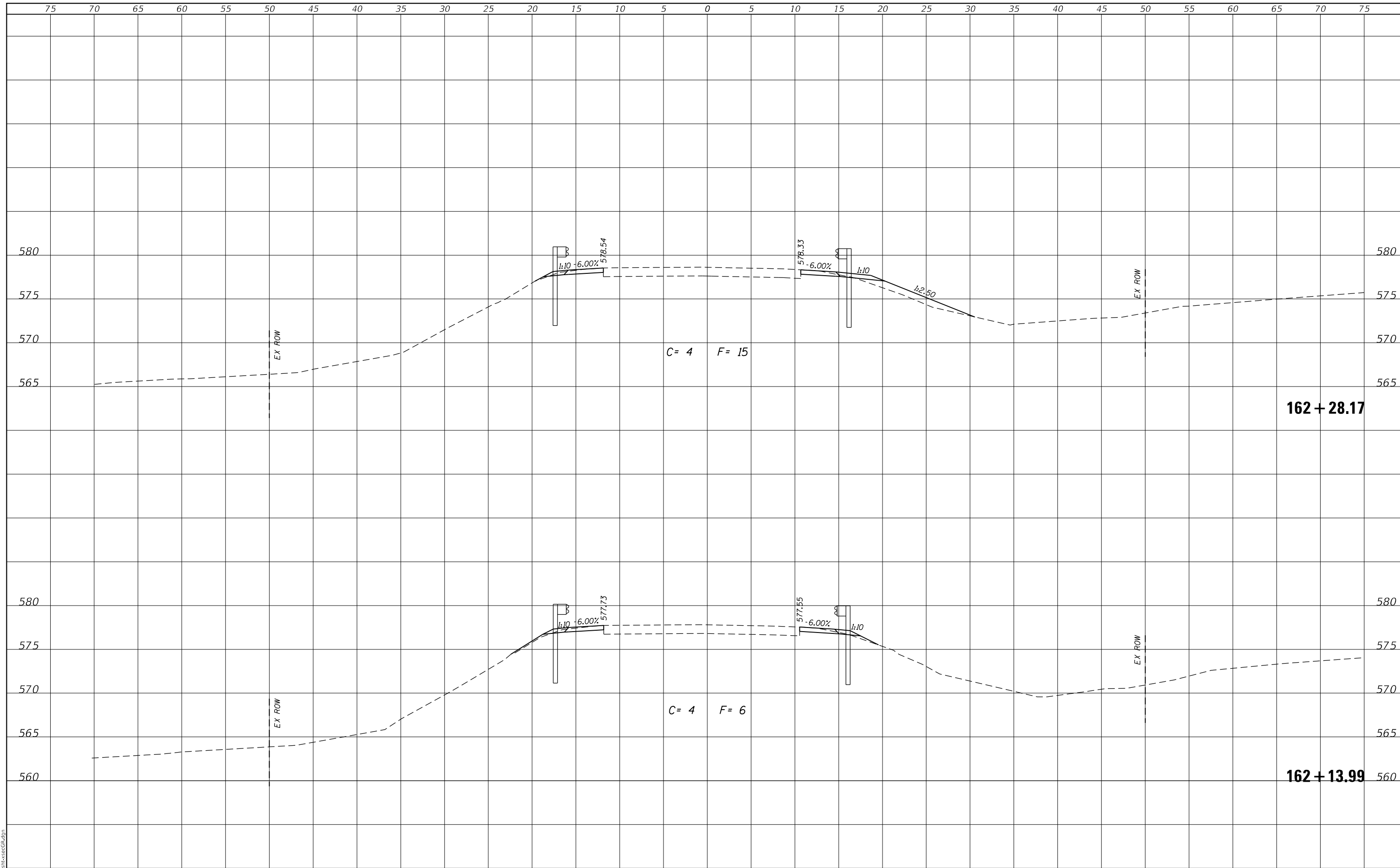
CROSS SECTIONS - LOCATION 6

SCALE: SHEET OF SHEETS STA. 161+50.00 TO STA. 162+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	110
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

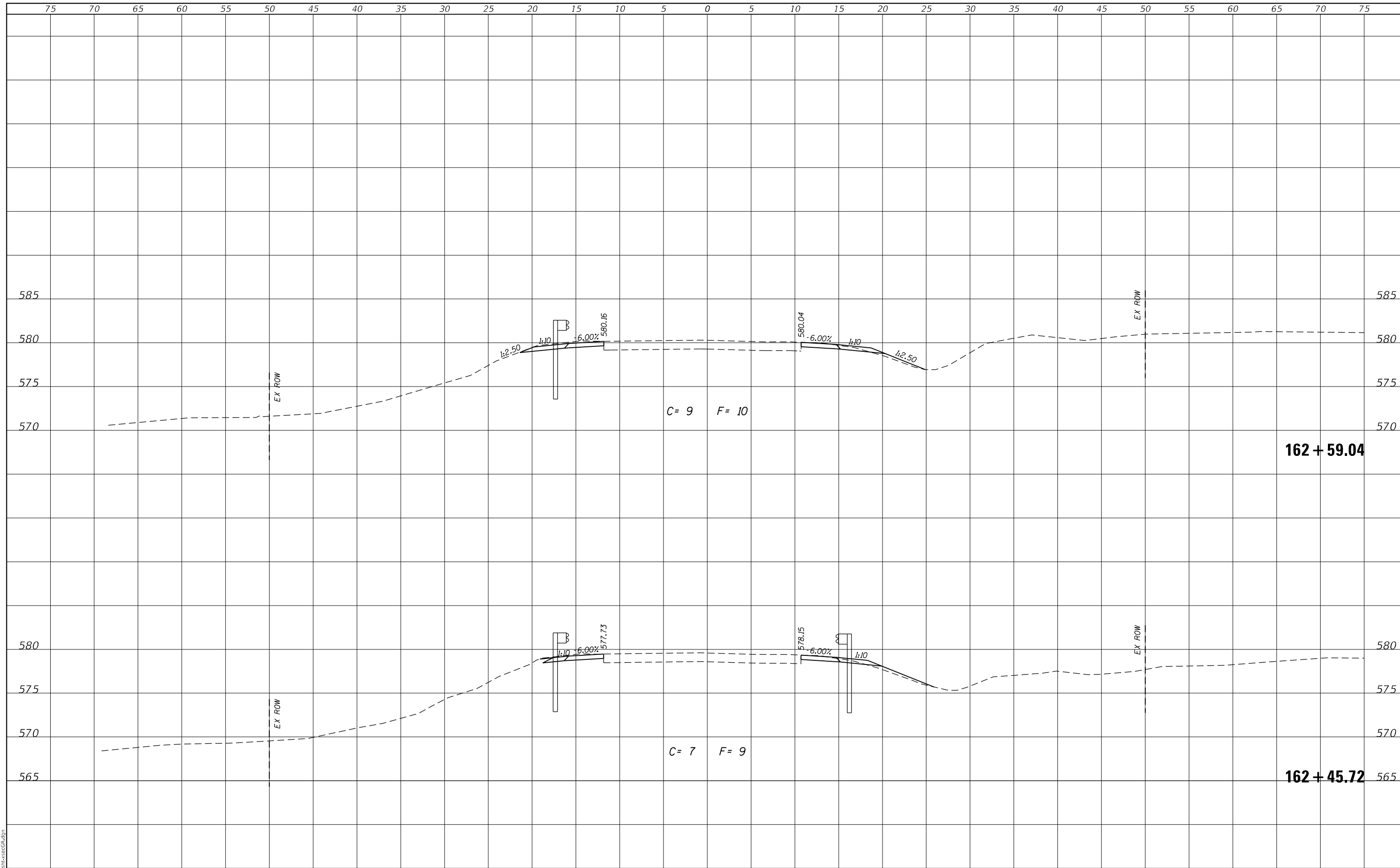
CROSS SECTIONS - LOCATION 6

SCALE: SHEET OF SHEETS STA. 162+13.99 TO STA. 162+28.17

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	111
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



MODEL: Defaul
 FILE NAME: 2581.1-sh-t-xsecGR.dgn



JOB# = 2581.1
 FILE NAME = 2581.1-sh-t-xsecGR.dgn
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 2/22/2023

DESIGNED - CGF
 DRAWN - SJS
 CHECKED - THF
 DATE - 1/13/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

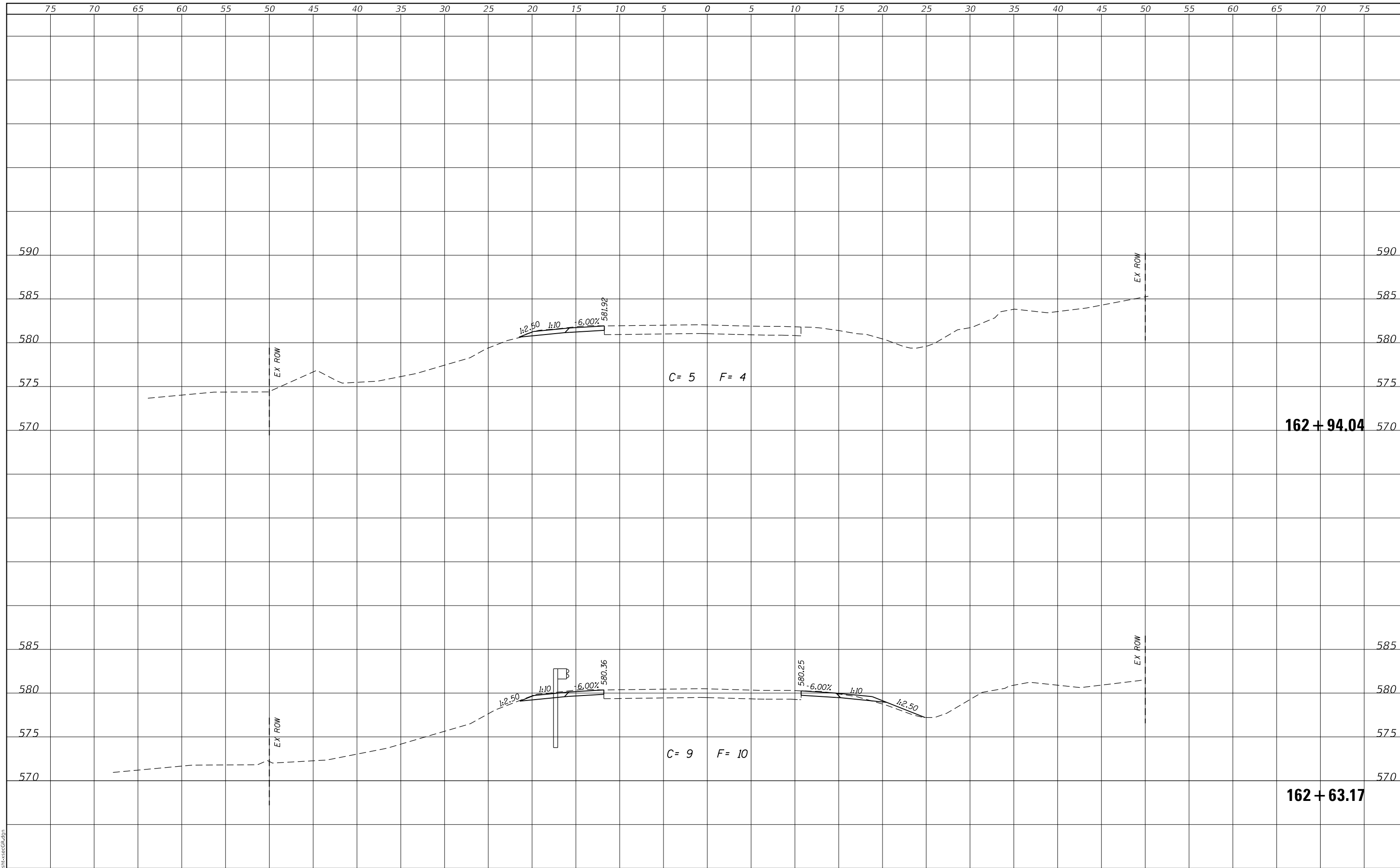
CROSS SECTIONS - LOCATION 6

SCALE: SHEET OF SHEETS STA. 162+45.72 TO STA. 162+59.04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	112
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

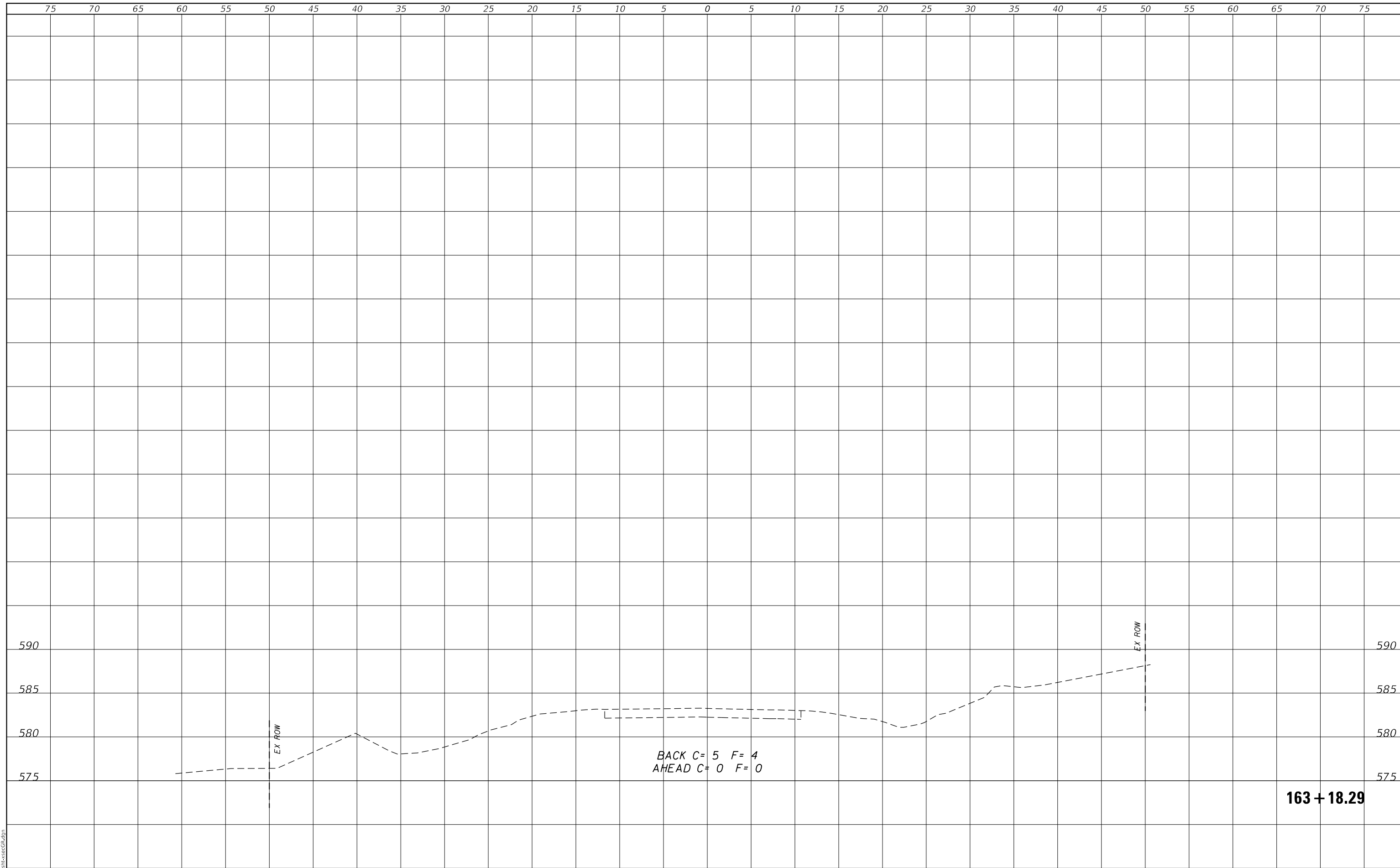
CROSS SECTIONS - LOCATION 6

SCALE: SHEET OF SHEETS STA. 162+63.17 TO STA. 162+94.04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	113
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



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Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

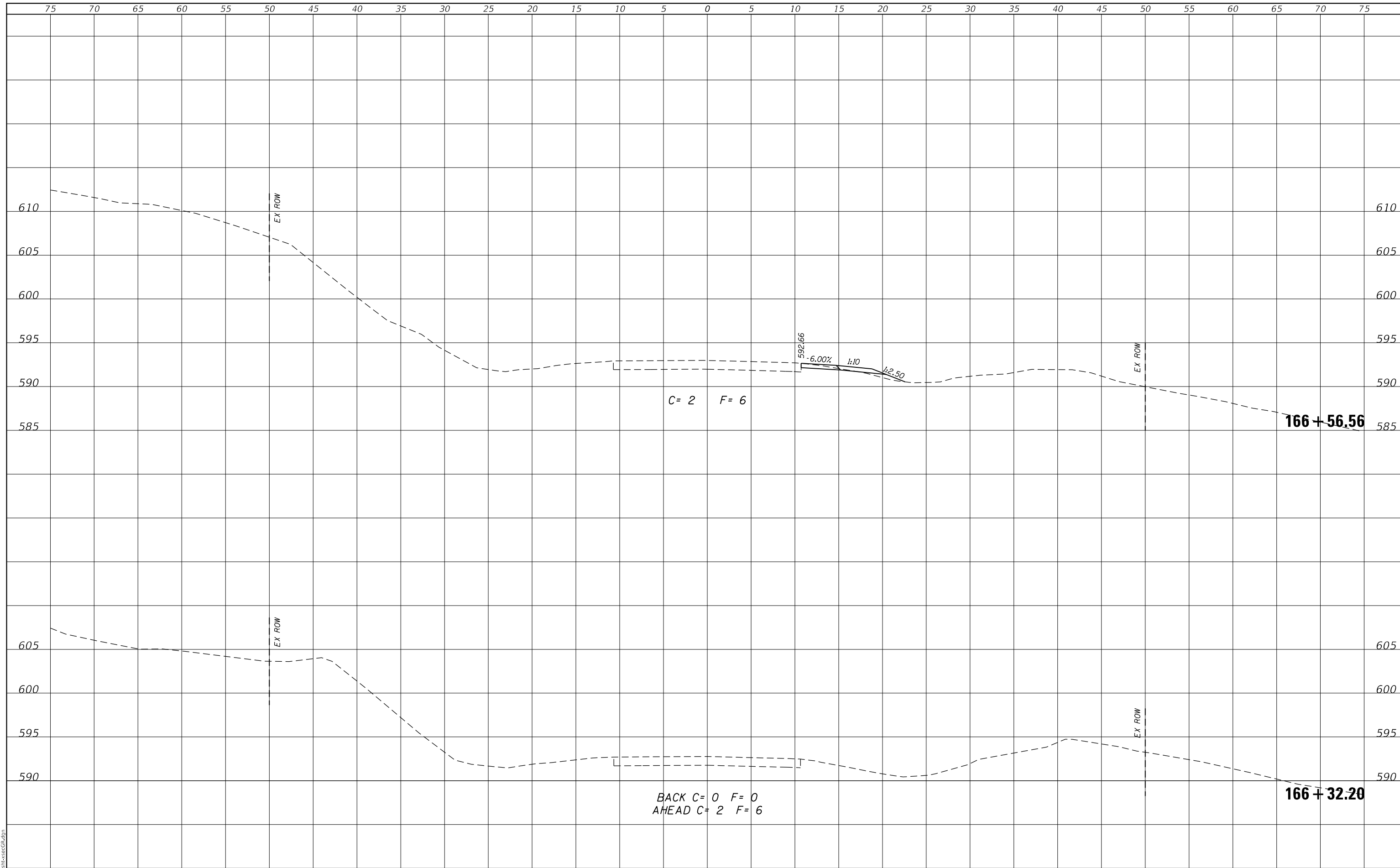
CROSS SECTIONS - LOCATION 6			
SCALE:	SHEET	OF	SHEETS
			STA. 163+18.29 TO STA. 163+18.29

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	114
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

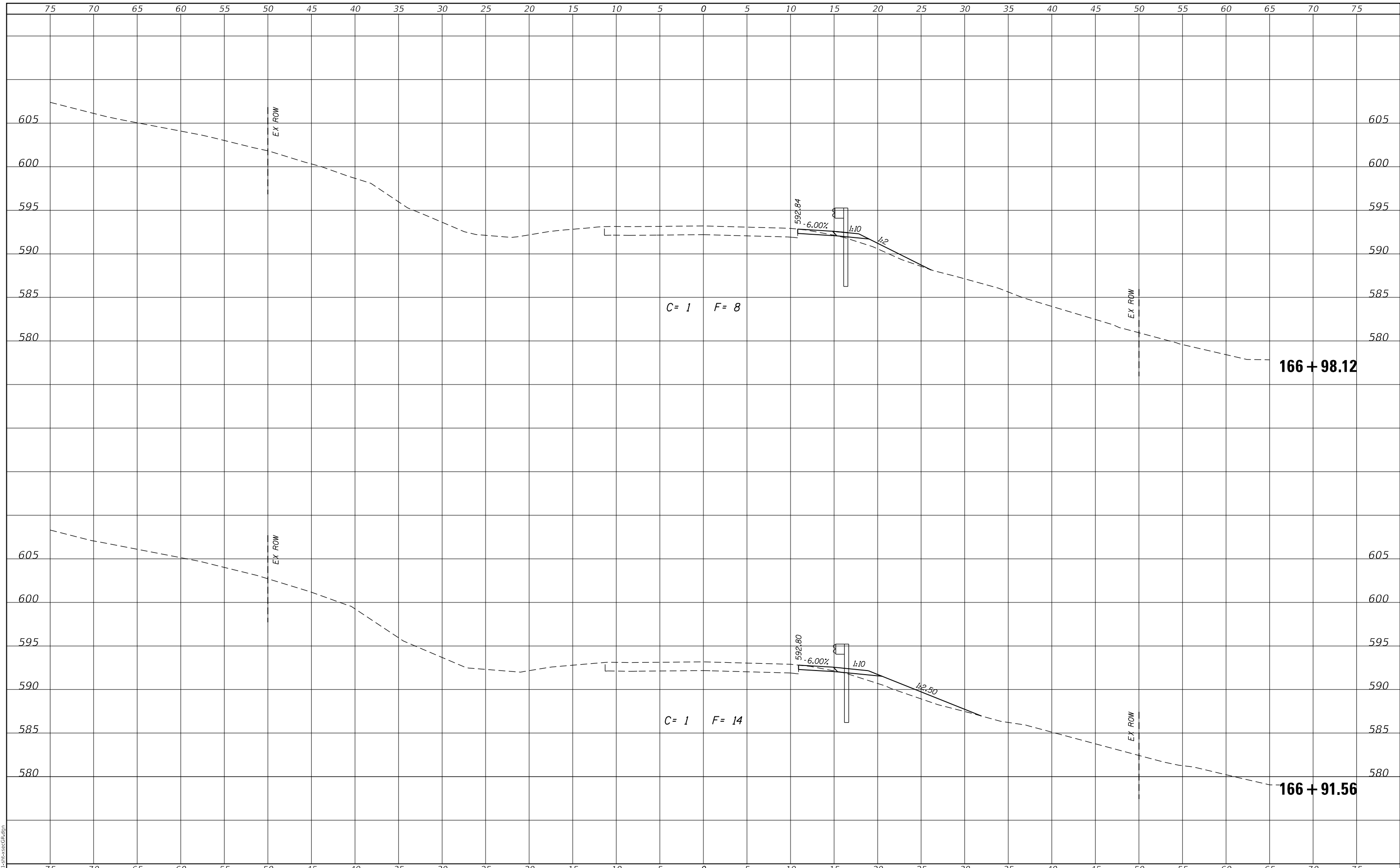
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 166+32.20 TO STA. 166+56.56

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	115
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

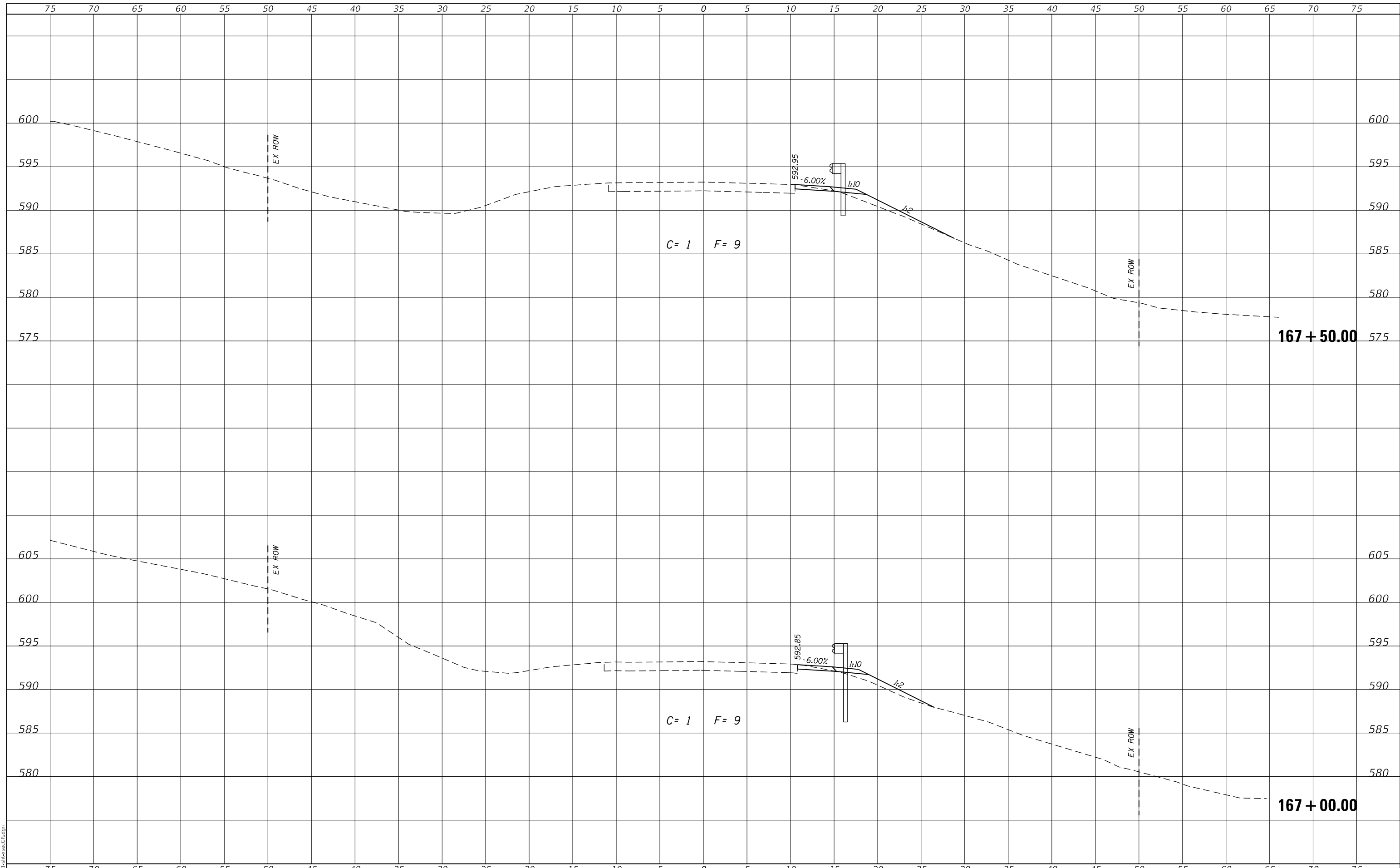
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 166+91.56 TO STA. 166+98.12

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	116
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

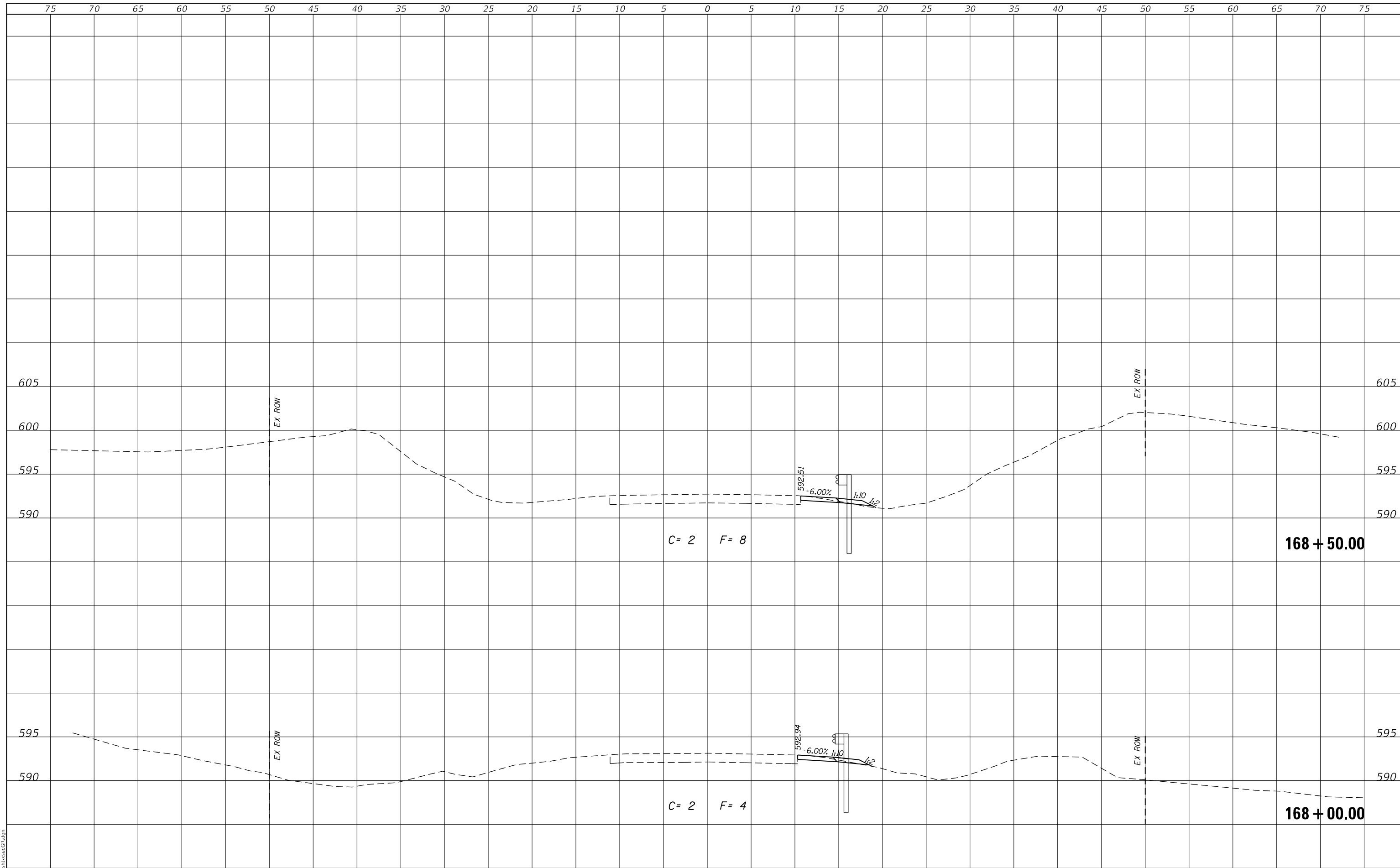
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 7			
SCALE:	SHEET	OF	SHEETS
		STA. 167+00.00	TO STA. 167+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	117
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaultr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
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PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

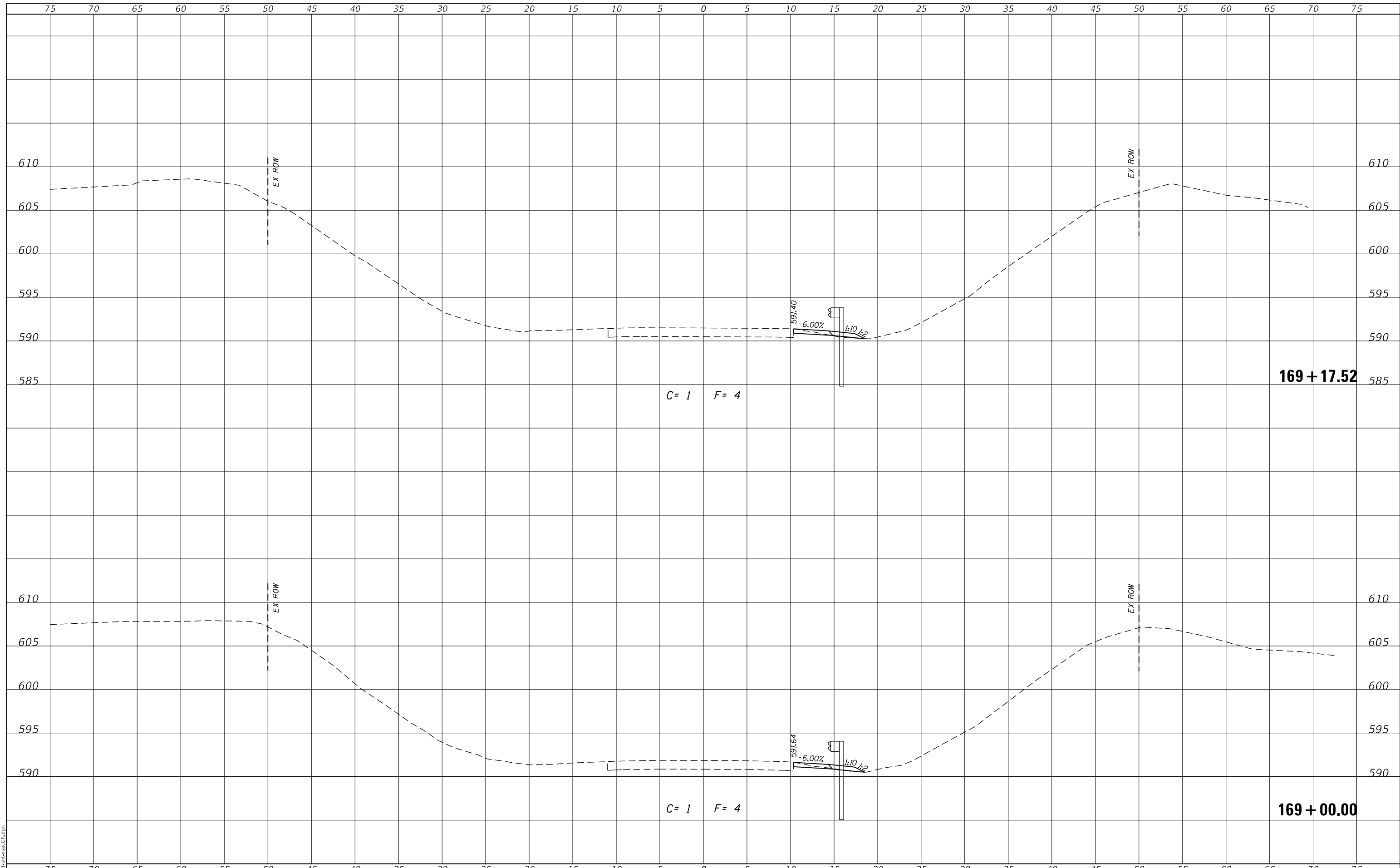
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 7			
SCALE:	SHEET	OF	SHEETS
			STA. 168+00.00 TO STA. 168+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	118
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB#	= 2581.1
FILE NAME	= 2581.1-shr-xsecGR.dgn
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 2/22/2023

DESIGNED	- CGF	REVISED	-
DRAWN	- SJS	REVISED	-
CHECKED	- THF	REVISED	-
DATE	- 1/13/2023	REVISED	-

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

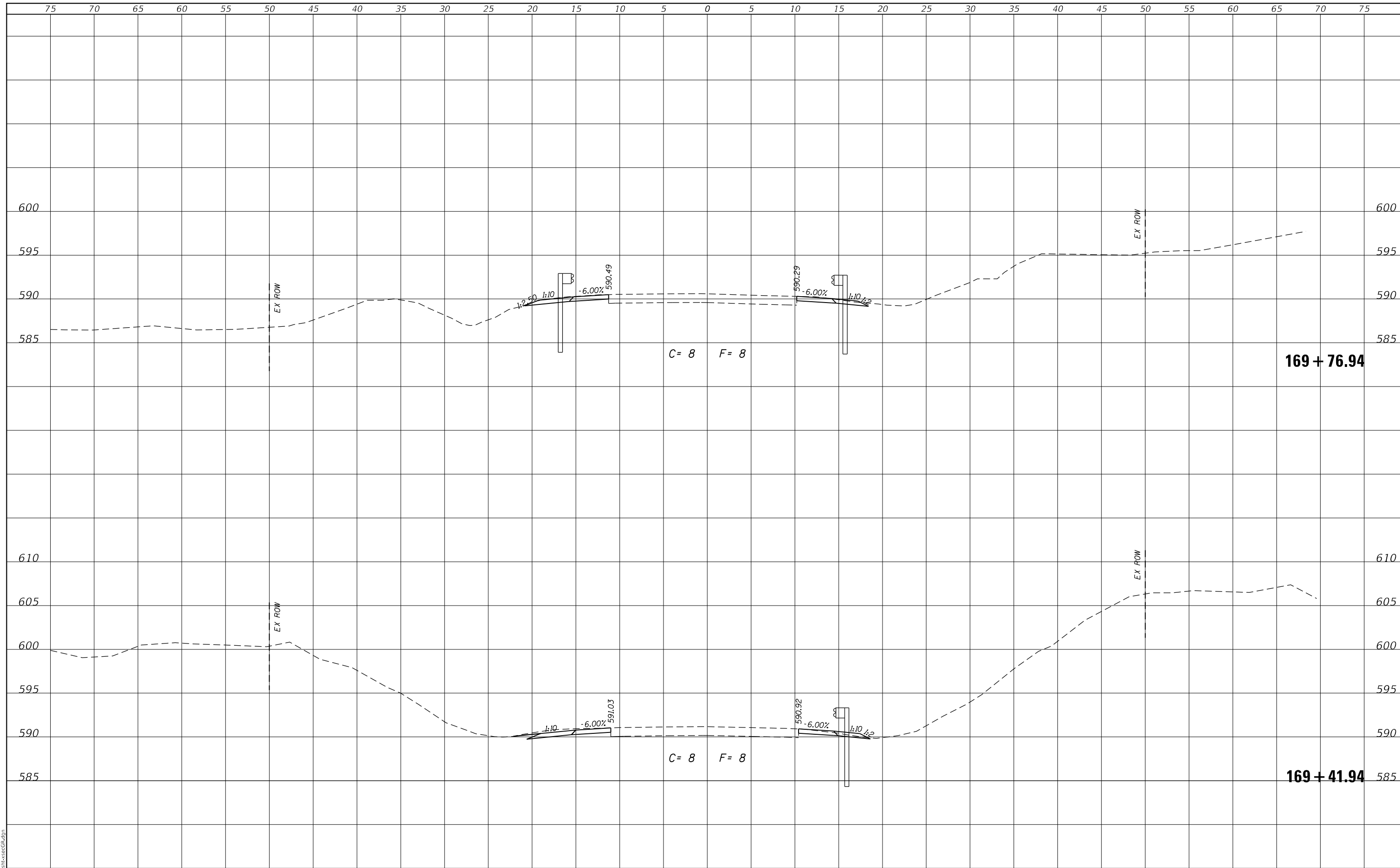
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 169+00.00 TO STA. 169+17.52

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	119
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

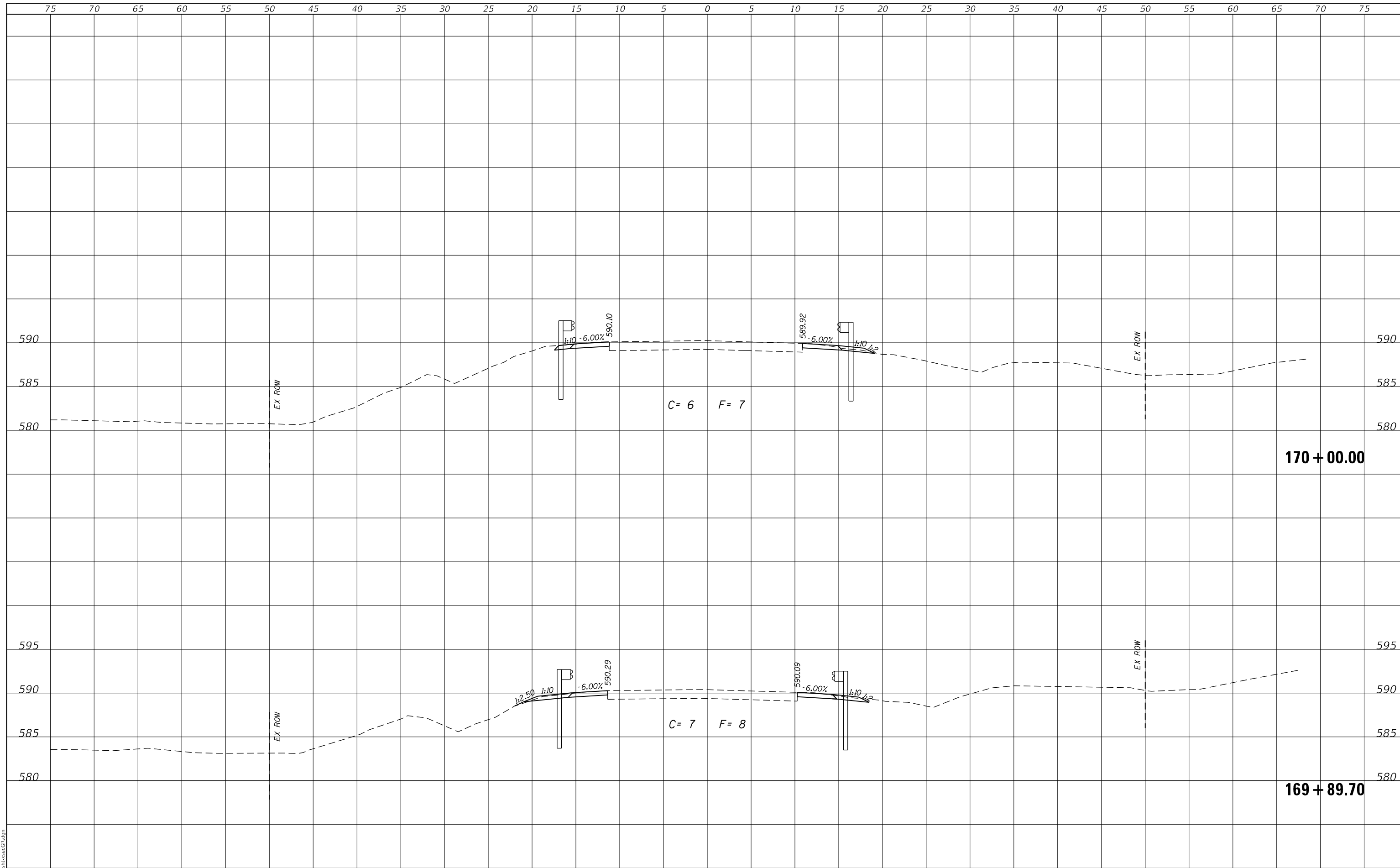
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 169+41.94 TO STA. 169+76.94

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	120
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

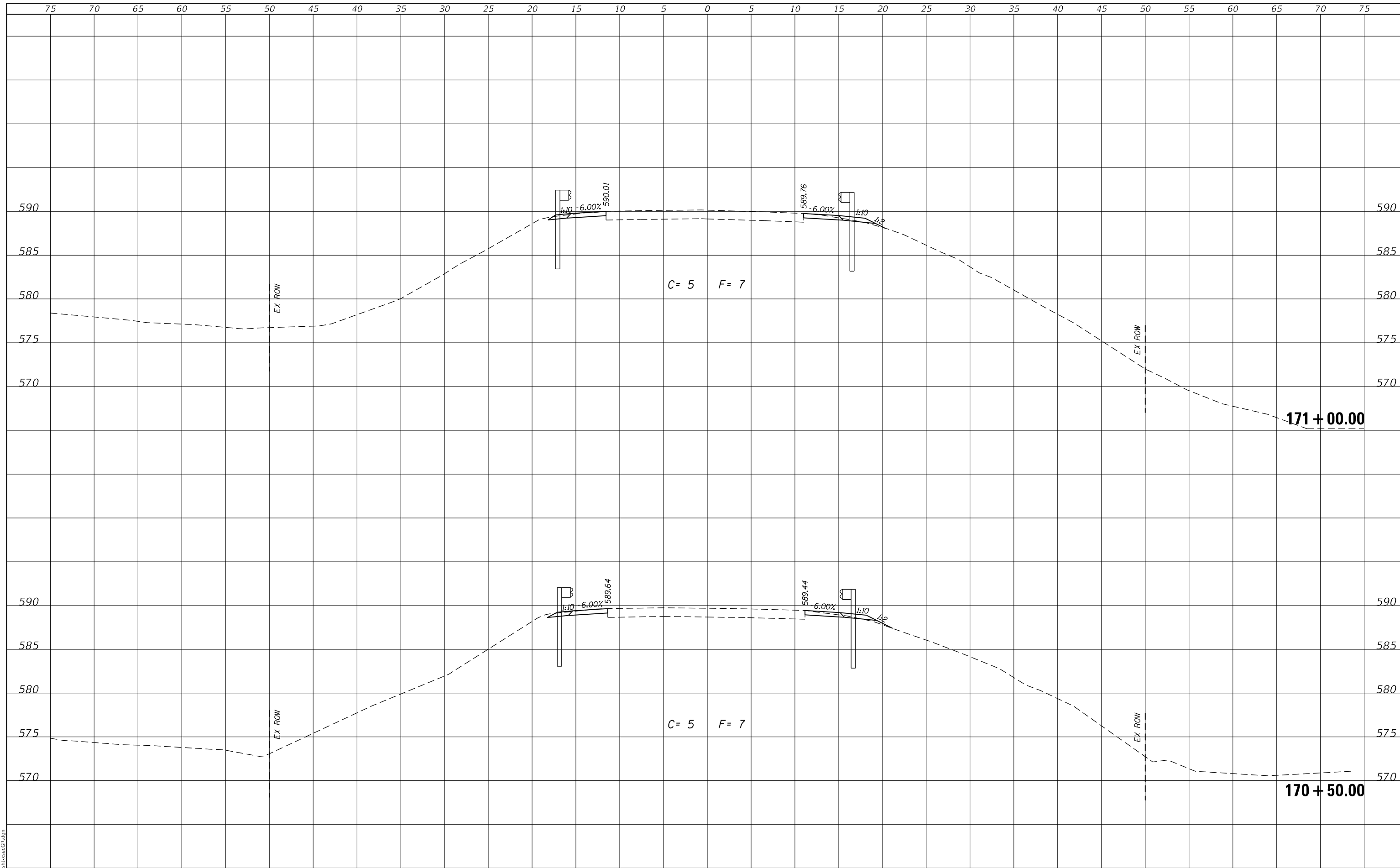
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 169+89.70 TO STA. 170+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	121
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

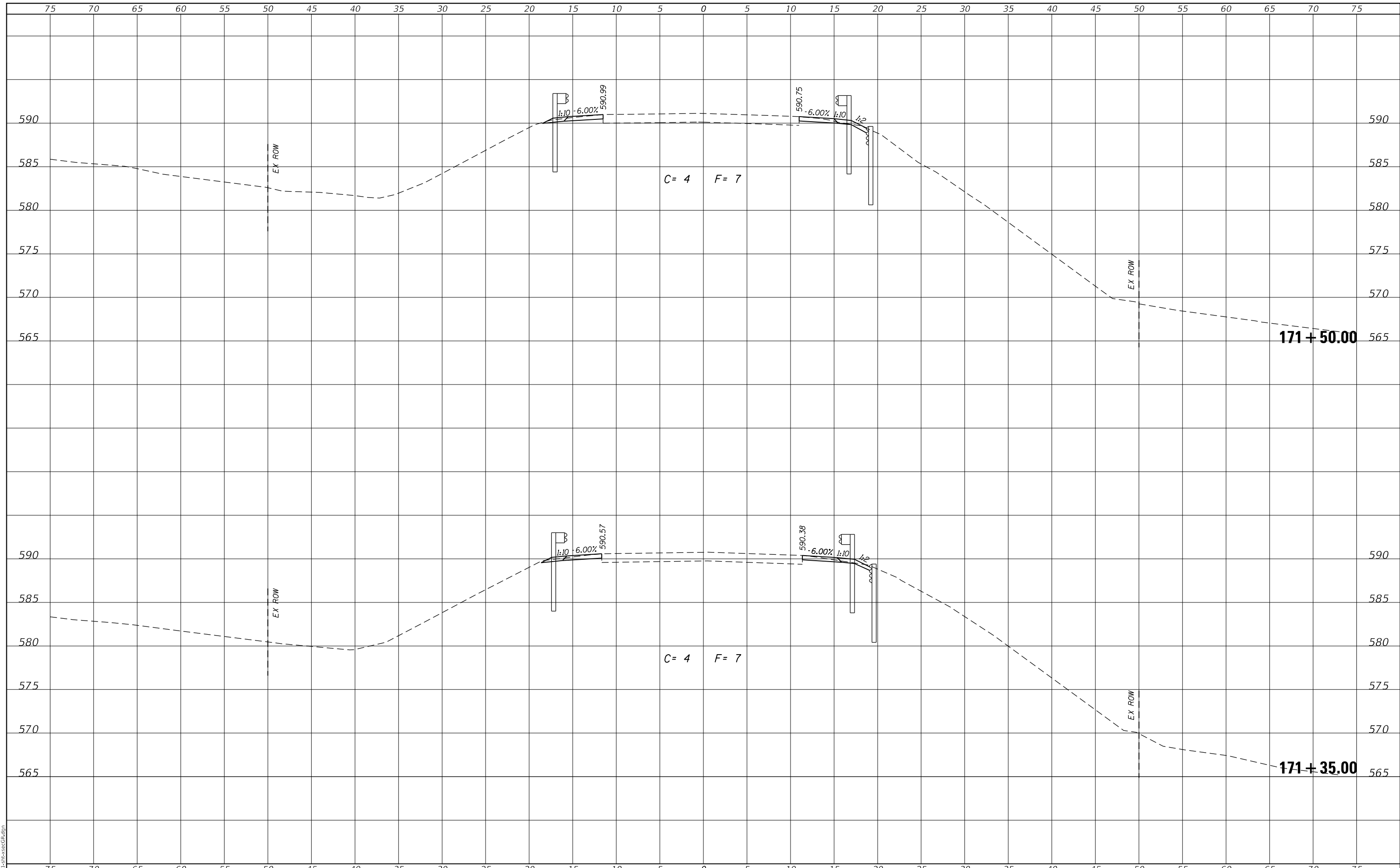
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 7
SCALE: SHEET OF SHEETS STA. 170+50.00 TO STA. 171+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	122
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

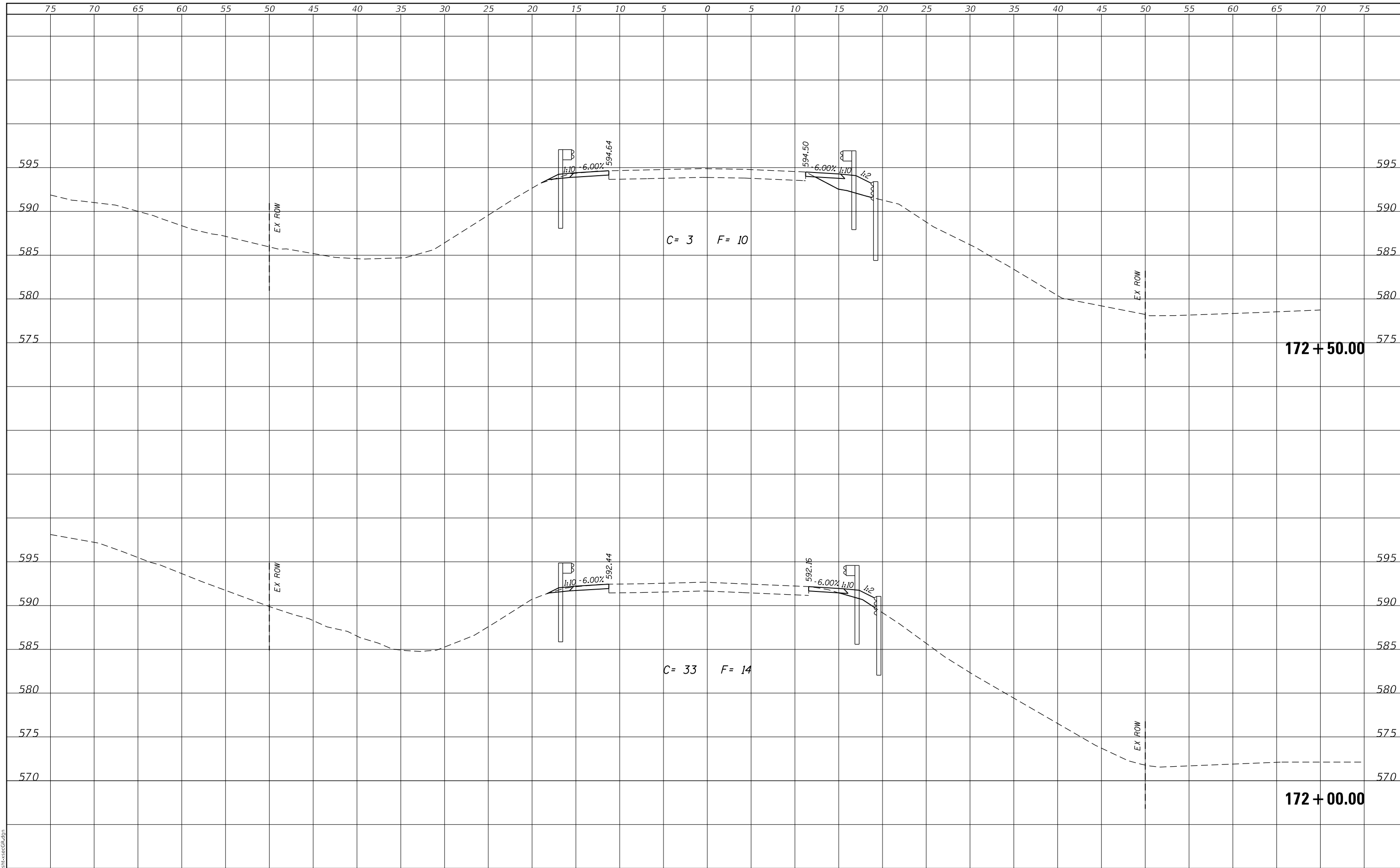
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 171+35.00 TO STA. 171+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	123
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

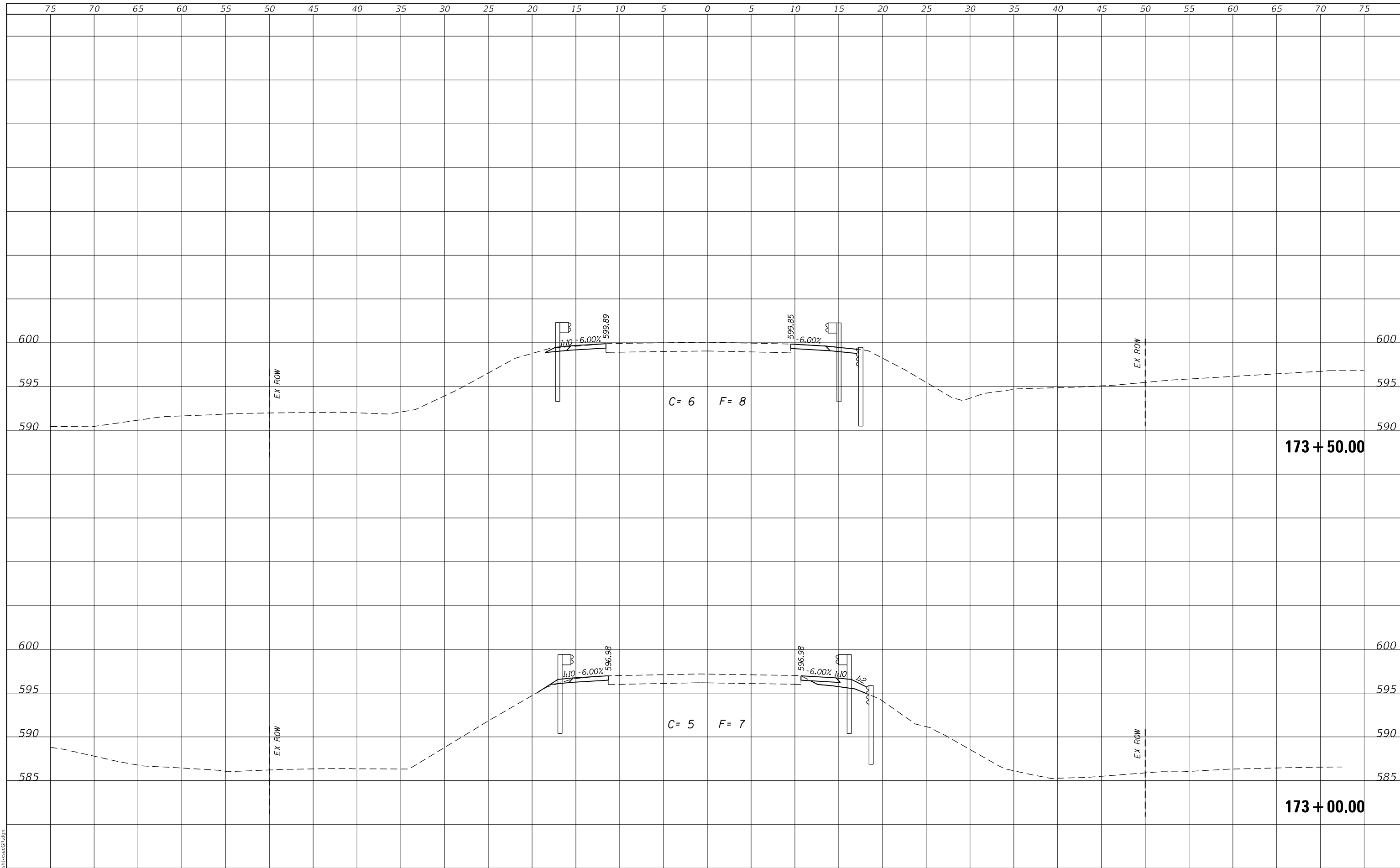
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 7
SCALE: SHEET OF SHEETS STA. 172+00.00 TO STA. 172+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	124
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REvised -
DRAWN - SJS	REvised -
CHECKED - THF	REvised -
DATE - 1/13/2023	REvised -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

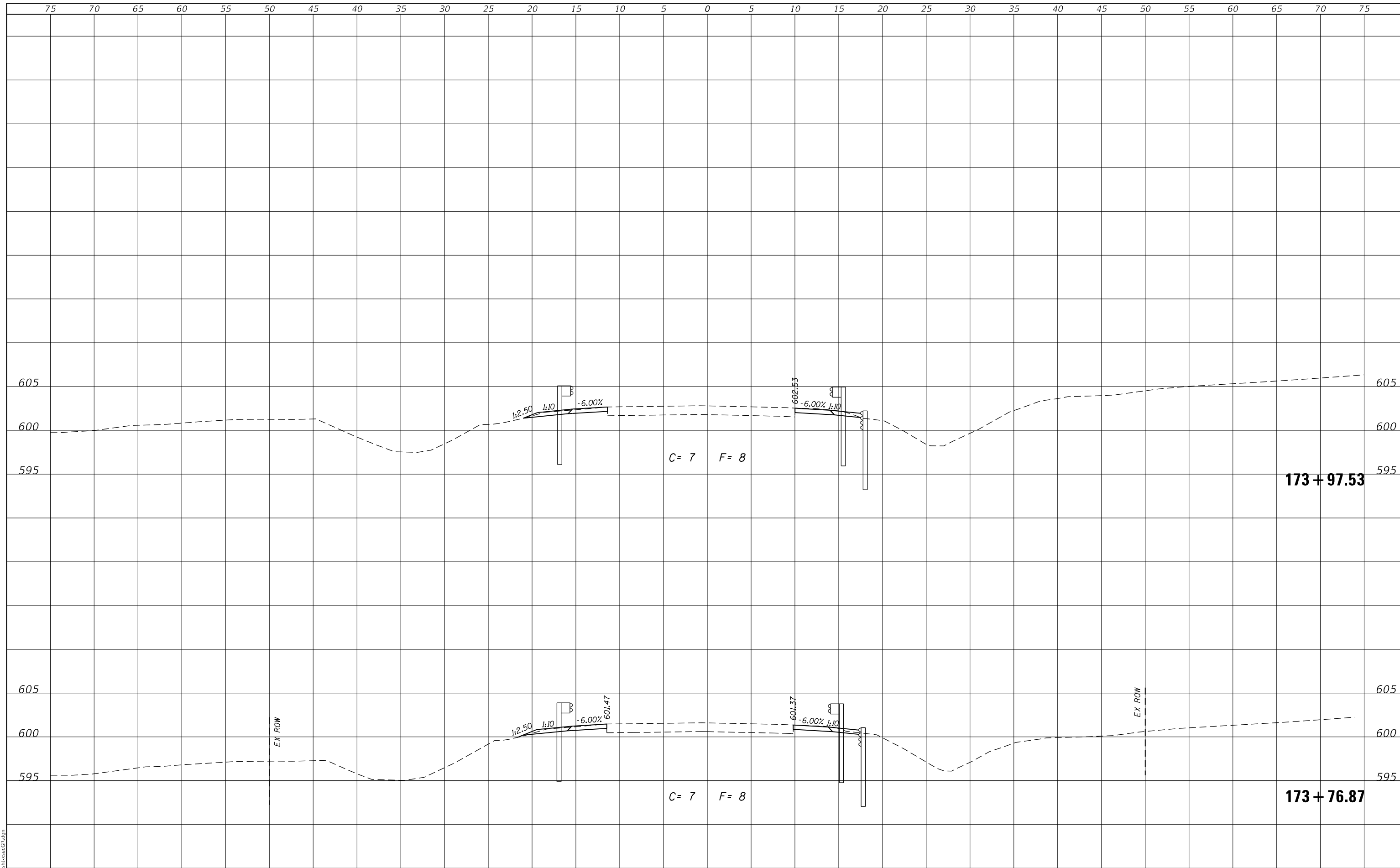
CROSS SECTIONS - LOCATION 7

SCALE:	SHEET	OF	SHEETS	STA. 173+00.00	TO STA. 173+50.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	125
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

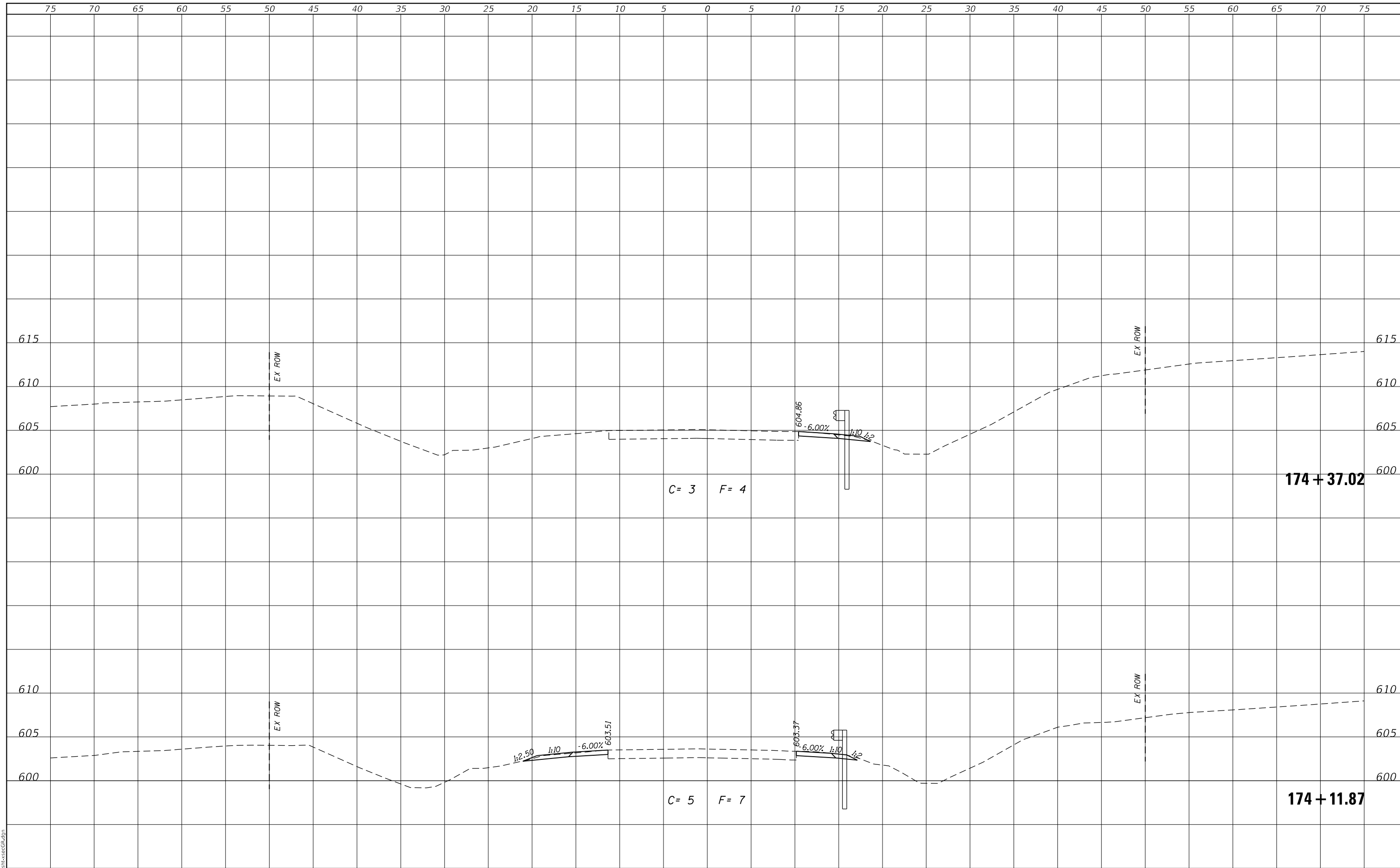
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 7			
SCALE:	SHEET	OF SHEETS	STA. 173+76.87 TO STA. 173+97.53

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 126
CONTRACT NO. 93806				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

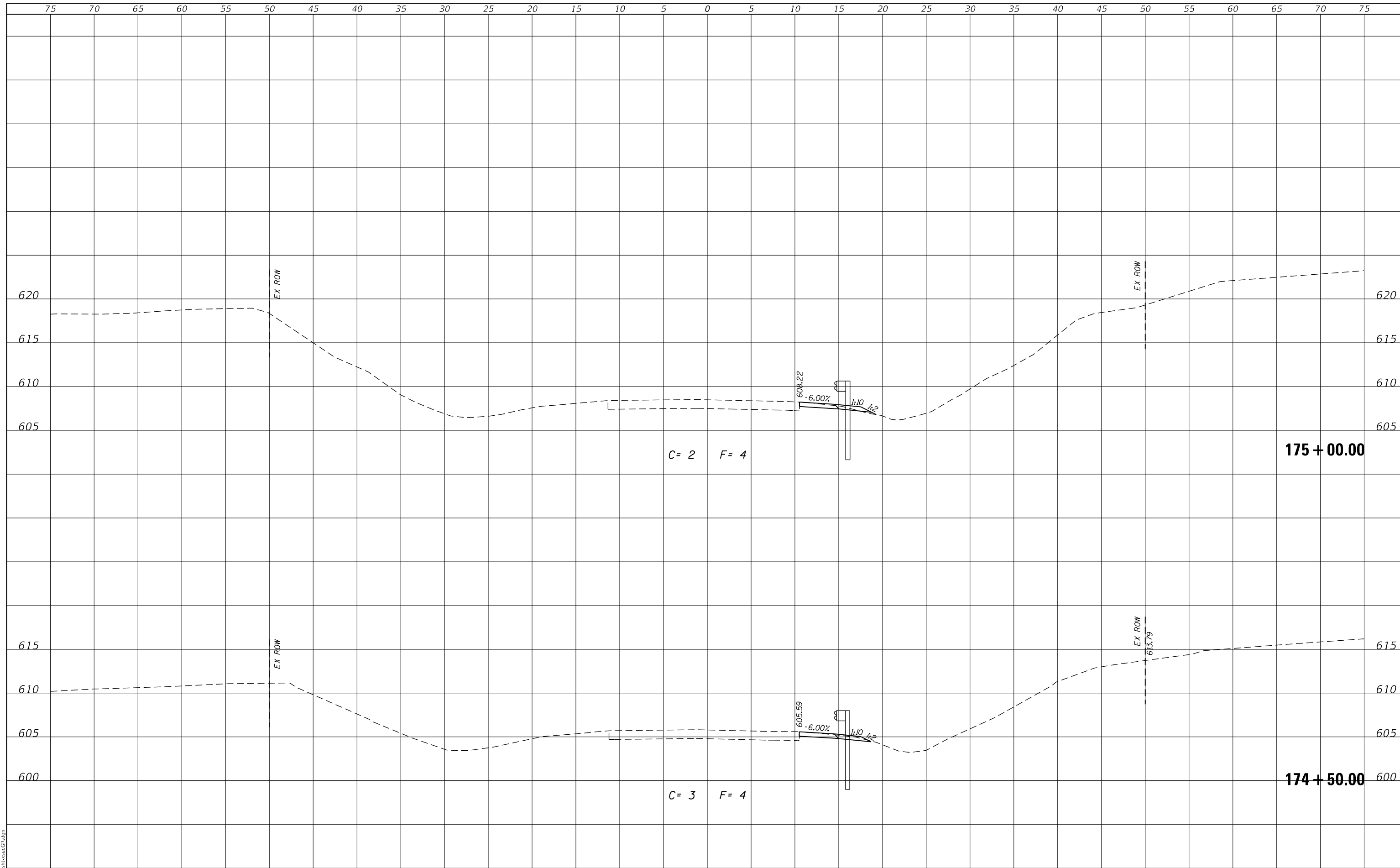
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 174+11.87 TO STA. 174+37.02

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	127
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

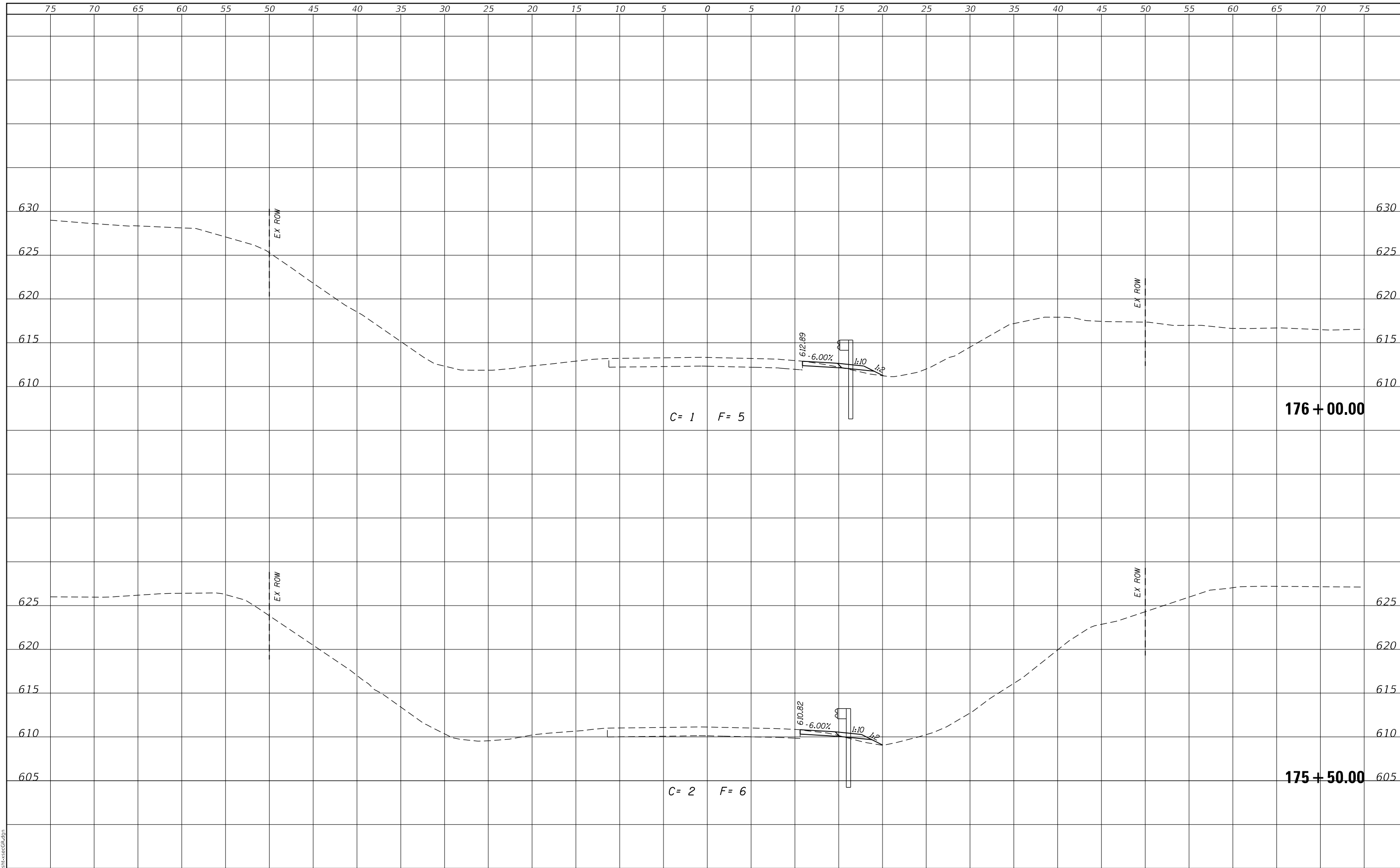
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 174+50.00 TO STA. 175+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	128
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

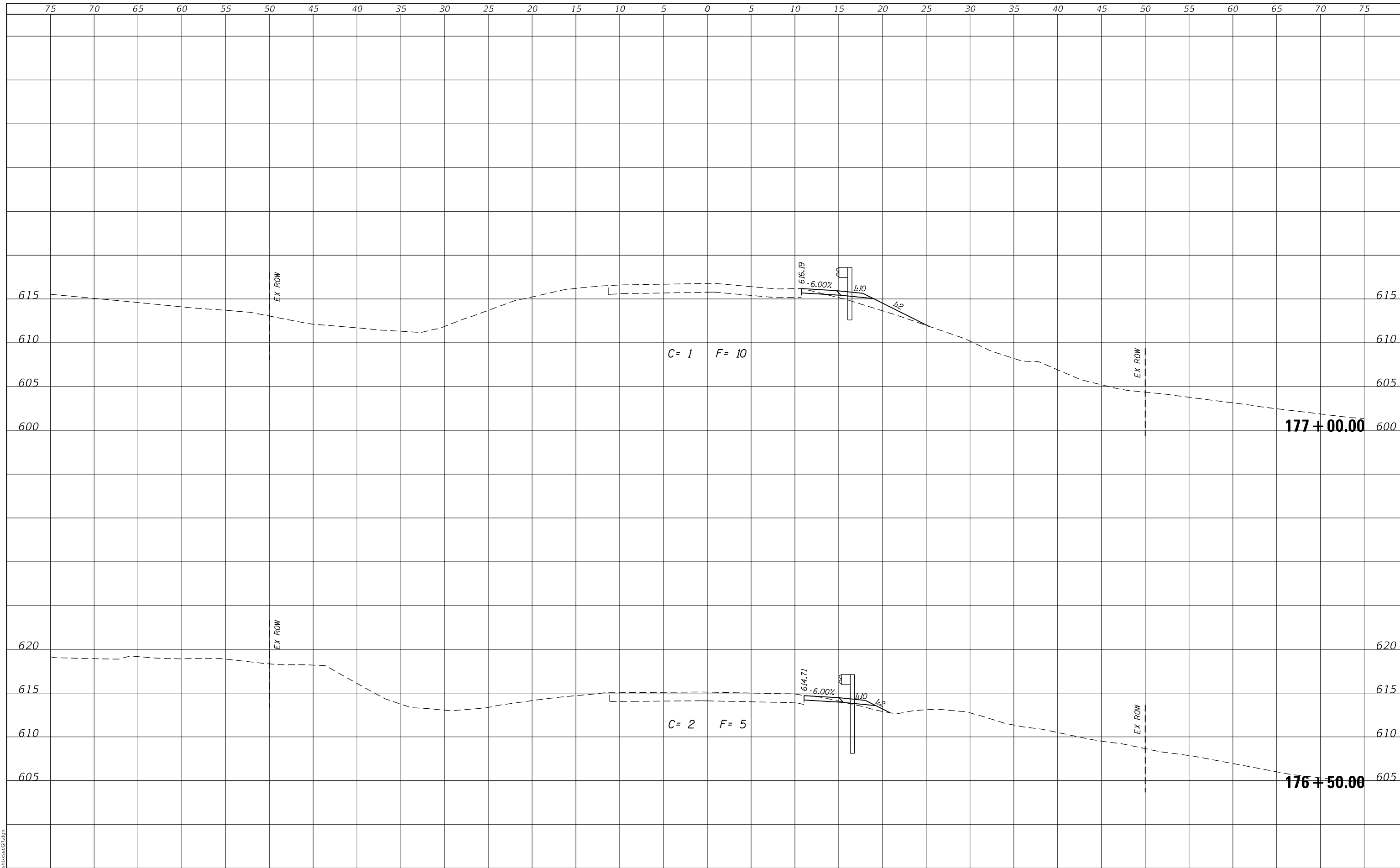
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 175+50.00 TO STA. 176+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	129
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

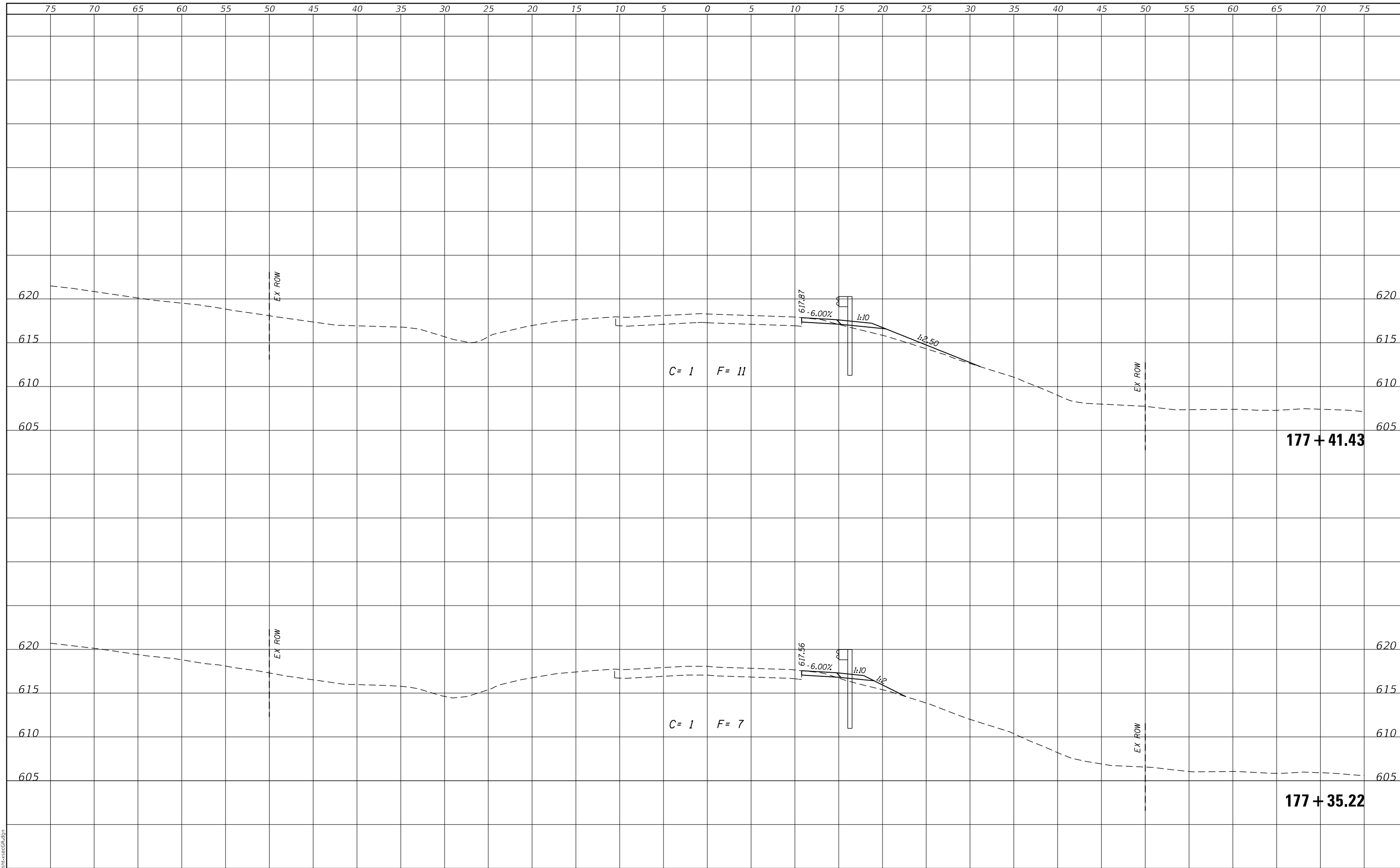
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 176+50.00 TO STA. 177+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	130
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

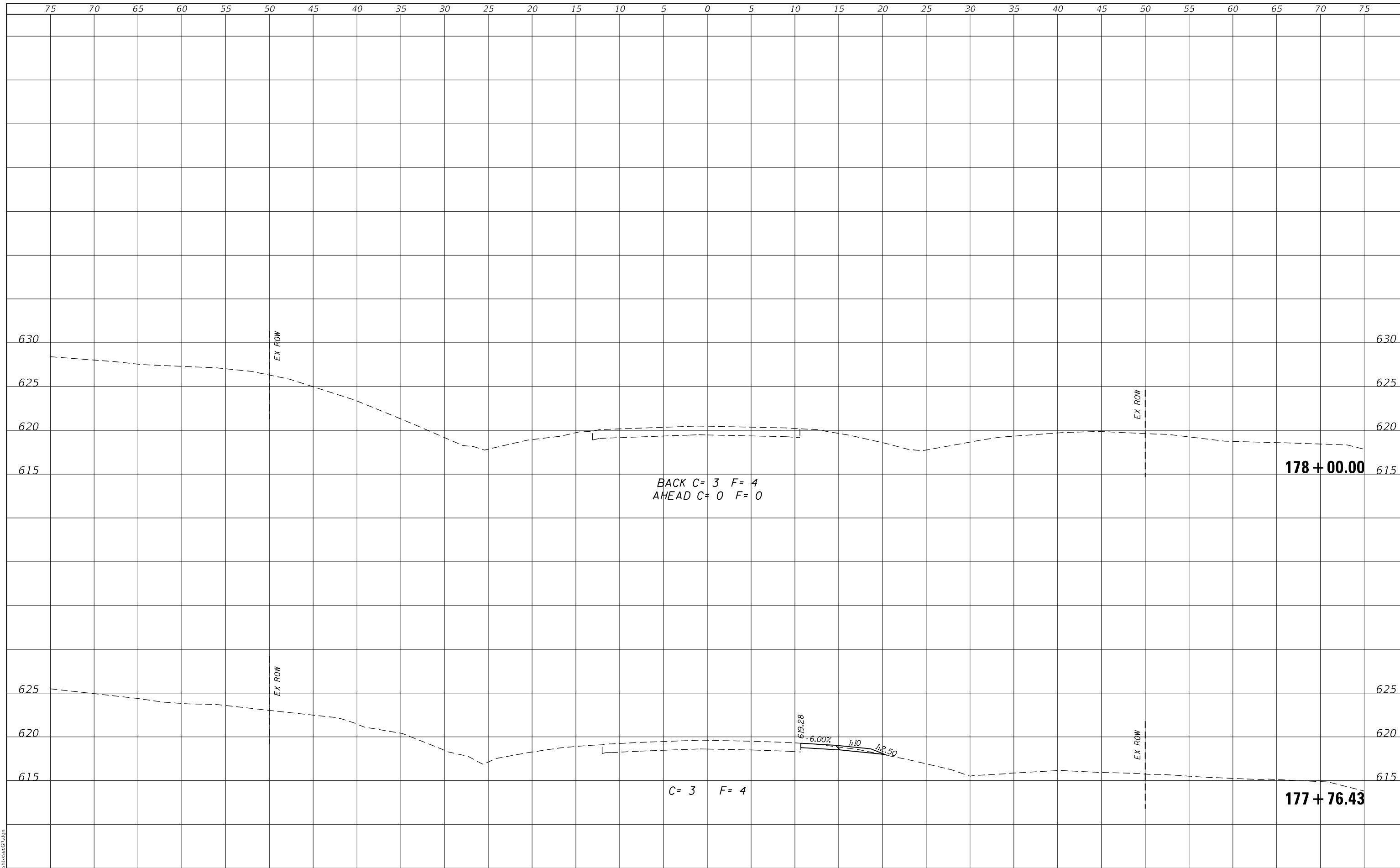
CROSS SECTIONS - LOCATION 7

SCALE: SHEET OF SHEETS STA. 177+35.22 TO STA. 177+41.43

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	131
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

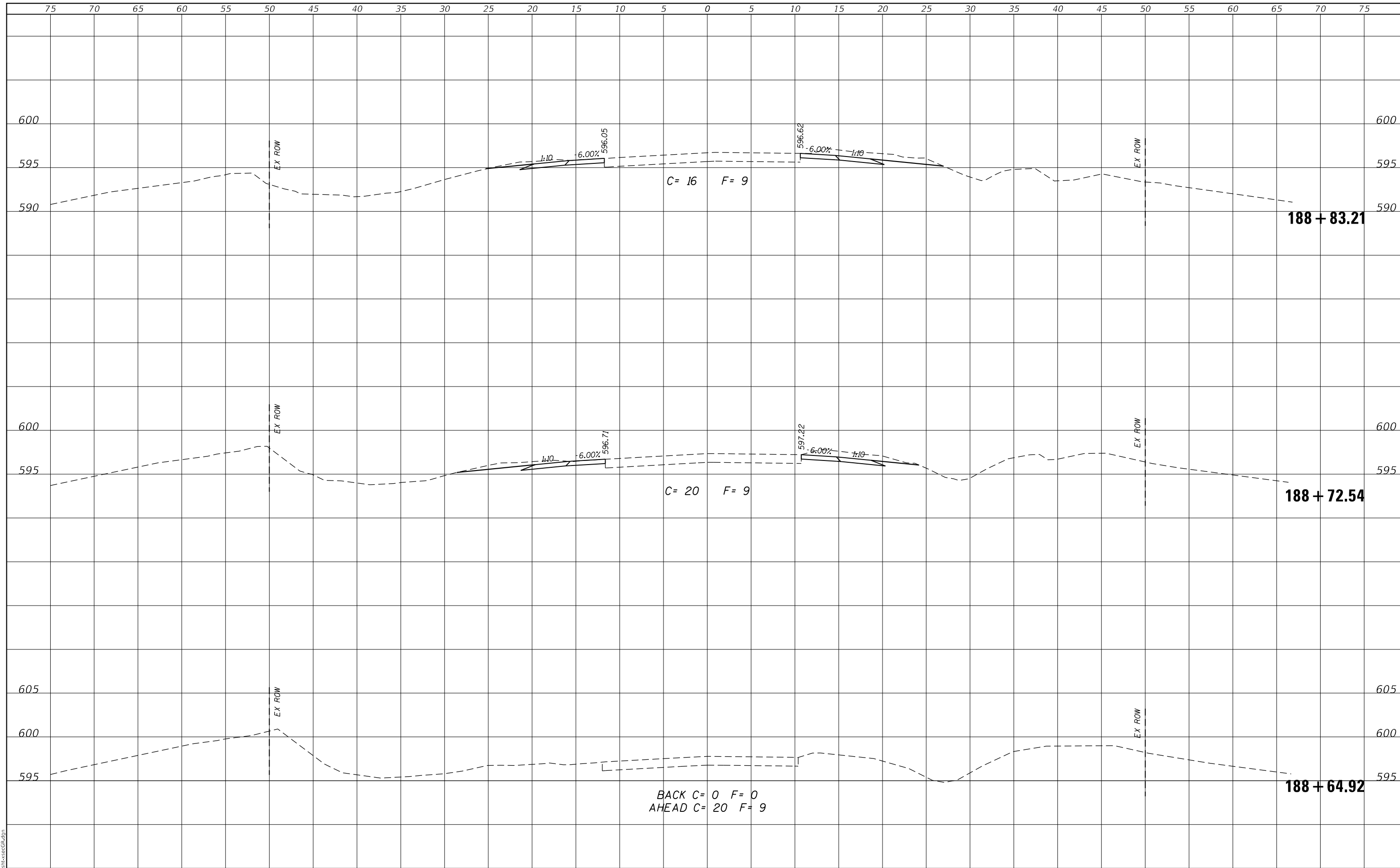
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 7			
SCALE:	SHEET	OF	SHEETS
			STA. 177+76.43 TO STA. 178+00.00

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 132
			CONTRACT NO. 93806	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



BACK C= 0 F= 0
AHEAD C= 20 F= 9

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

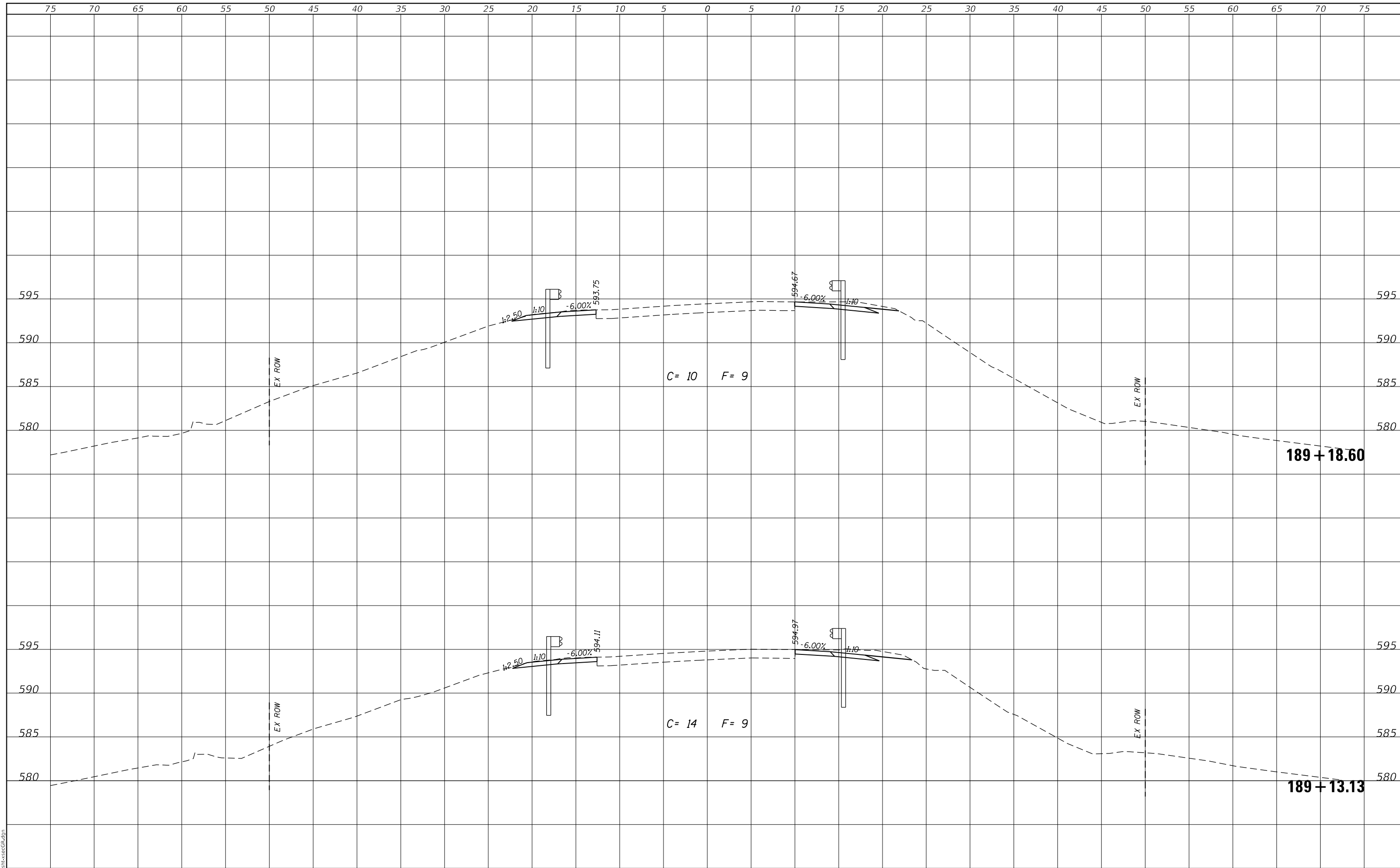
CROSS SECTIONS - LOCATION 8

SCALE: SHEET OF SHEETS STA. 188+64.92 TO STA. 188+83.21

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	133
CONTRACT NO. 93806				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB =	2581.1
FILE NAME =	2581.1-shr-xsecGR.dgn
PLOT SCALE =	10.0000' / in.
PLOT DATE =	2/22/2023

DESIGNED -	CGF	REVISED -	
DRAWN -	SJS	REVISED -	
CHECKED -	THF	REVISED -	
DATE -	1/13/2023	REVISED -	

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

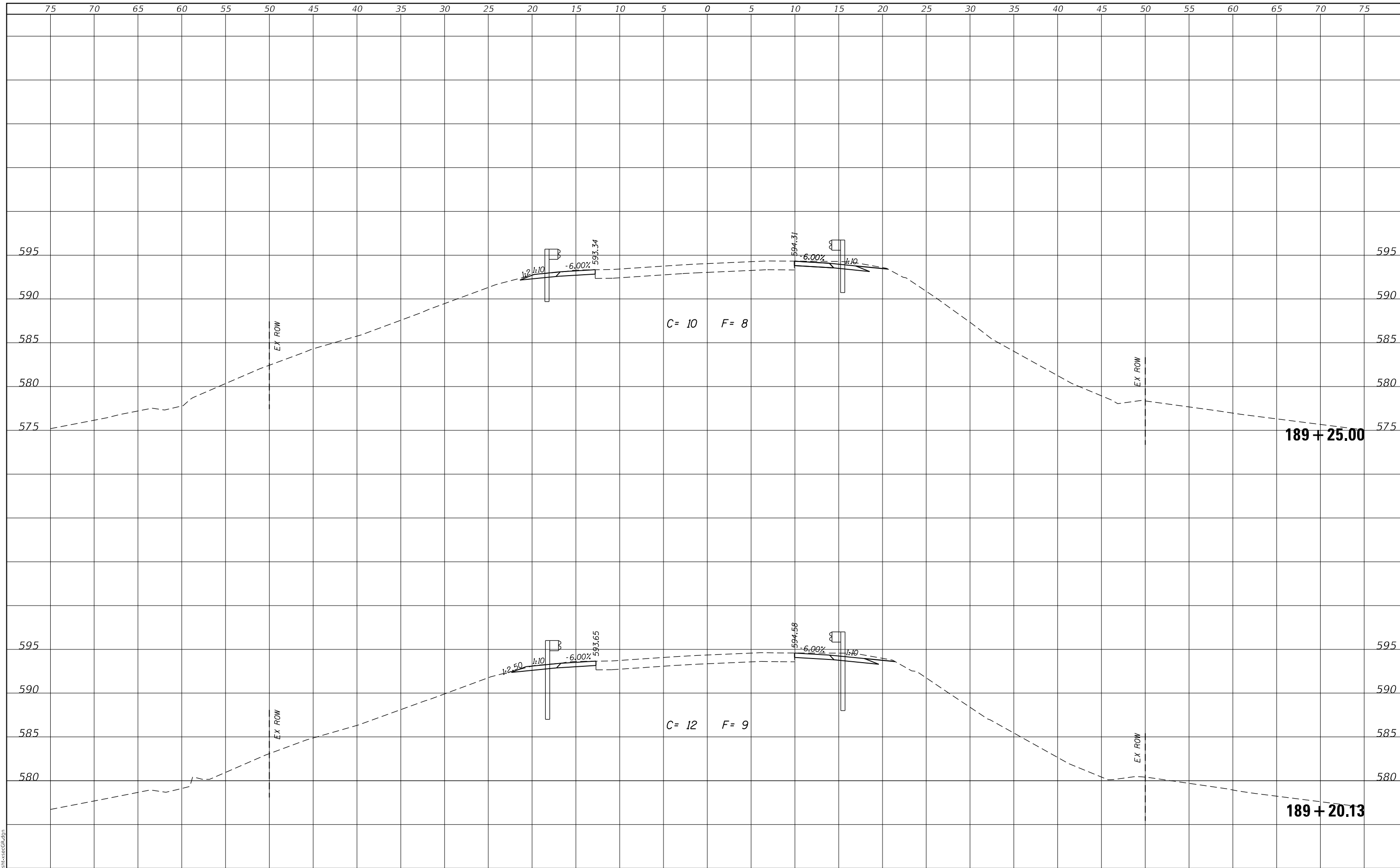
CROSS SECTIONS - LOCATION 8

SCALE: SHEET OF SHEETS STA. 189+13.13 TO STA. 189+18.60

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	134
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

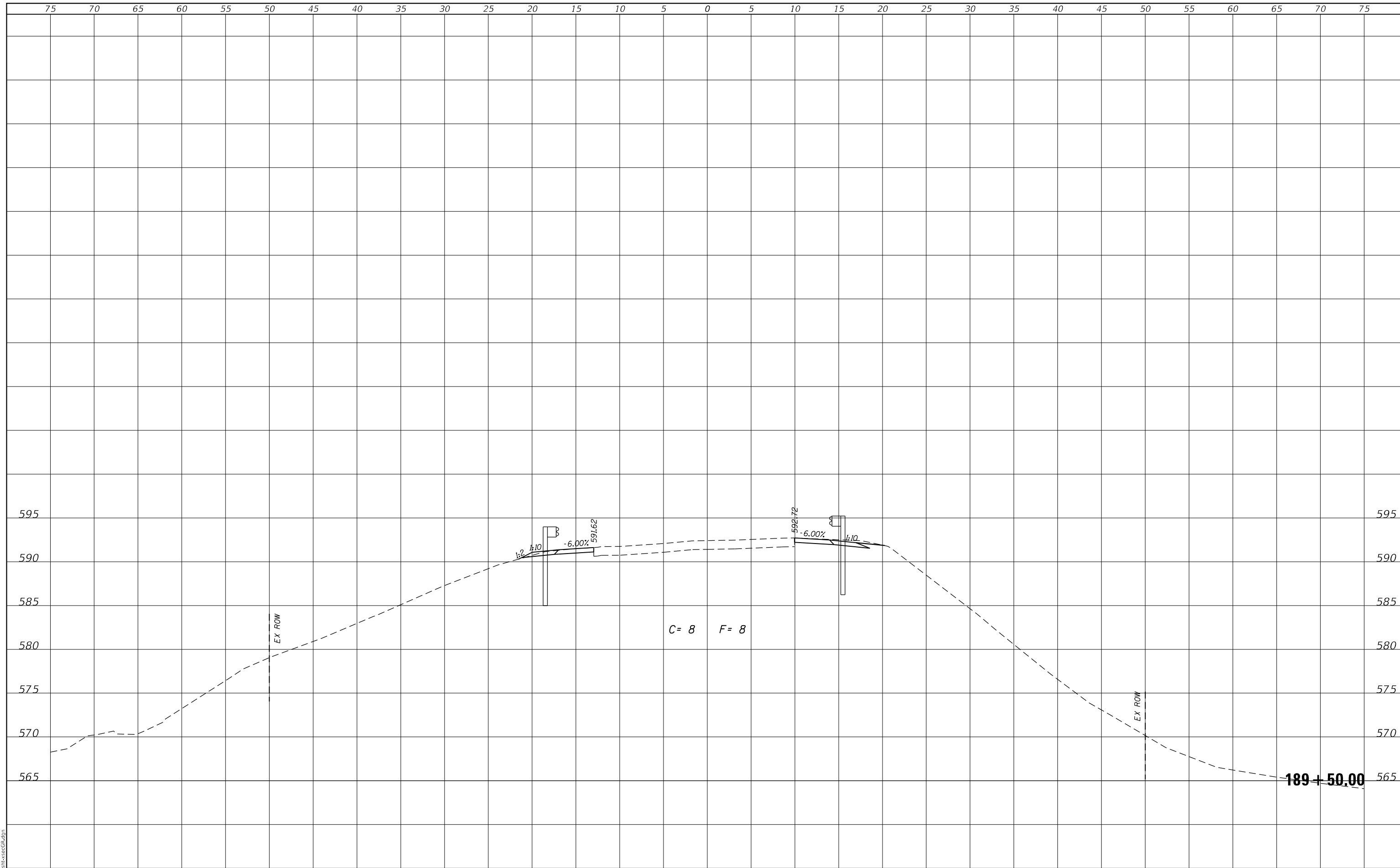
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 8			
SCALE:	SHEET	OF	SHEETS
			STA. 189+20.13 TO STA. 189+25.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	135
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

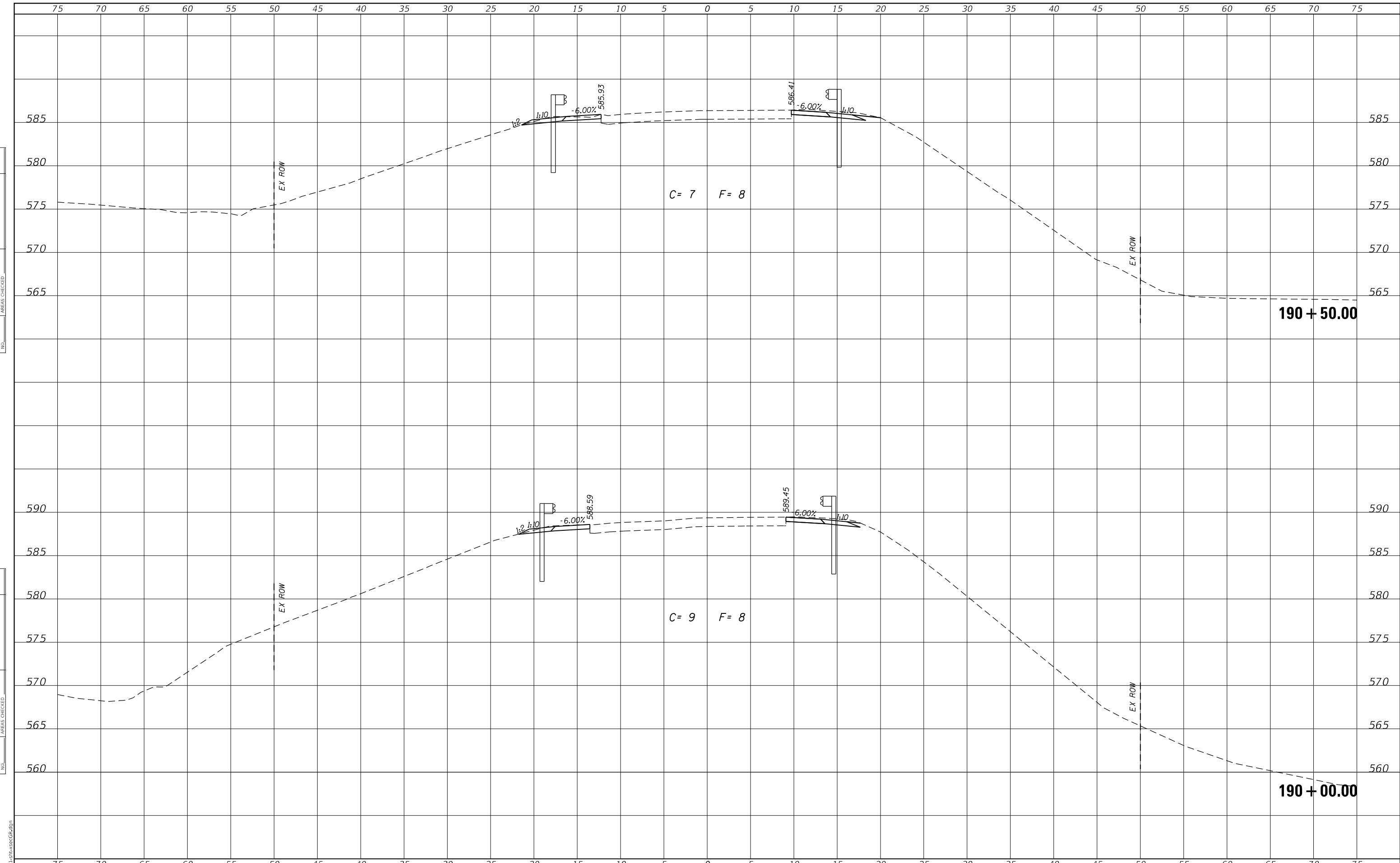
CROSS SECTIONS - LOCATION 8

SCALE: SHEET OF SHEETS STA. 189+50.00 TO STA. 189+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	136
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

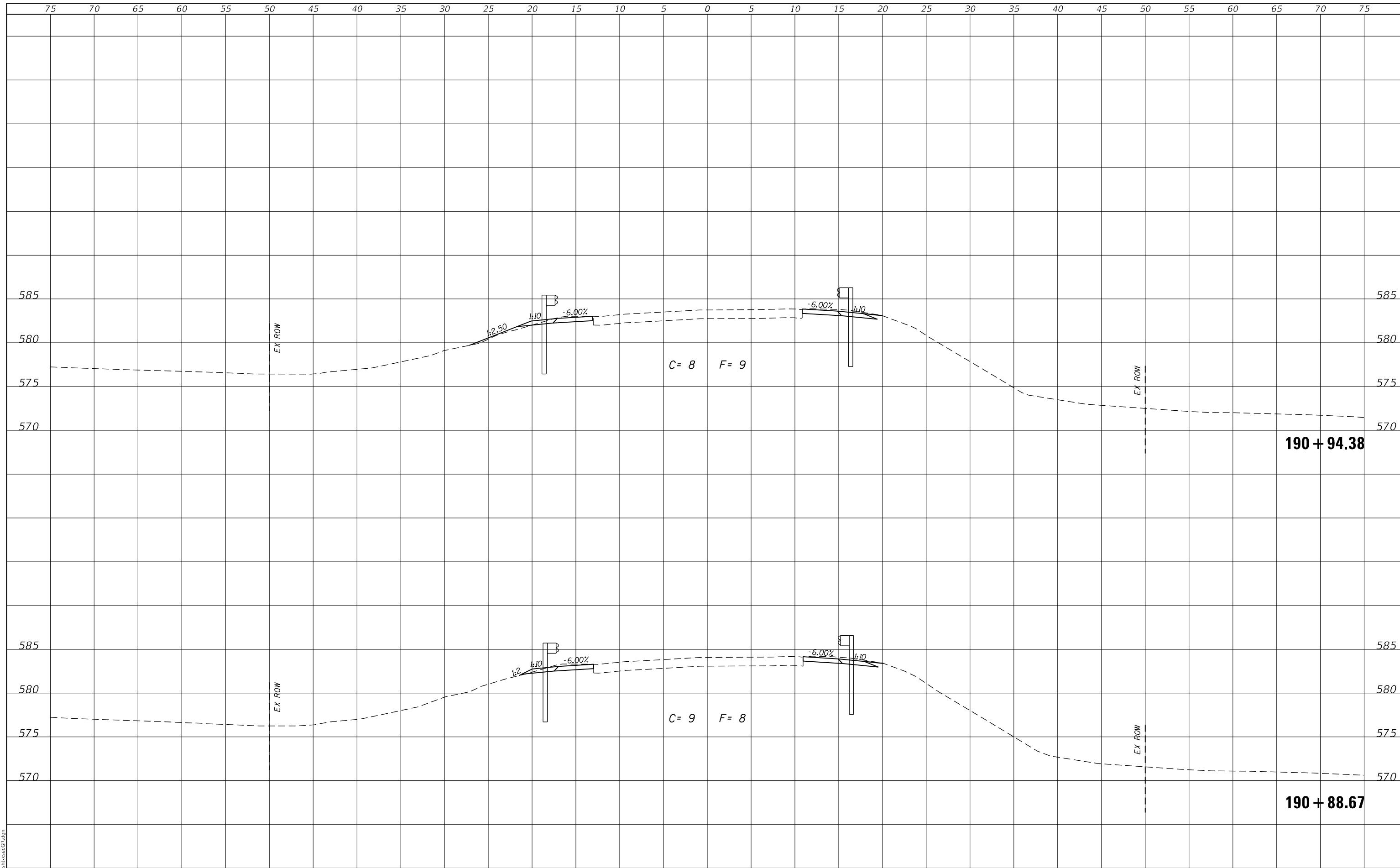
CROSS SECTIONS - LOCATION 8

SCALE:	SHEET	OF	SHEETS	STA. 190+00.00	TO STA. 190+50.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	137
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

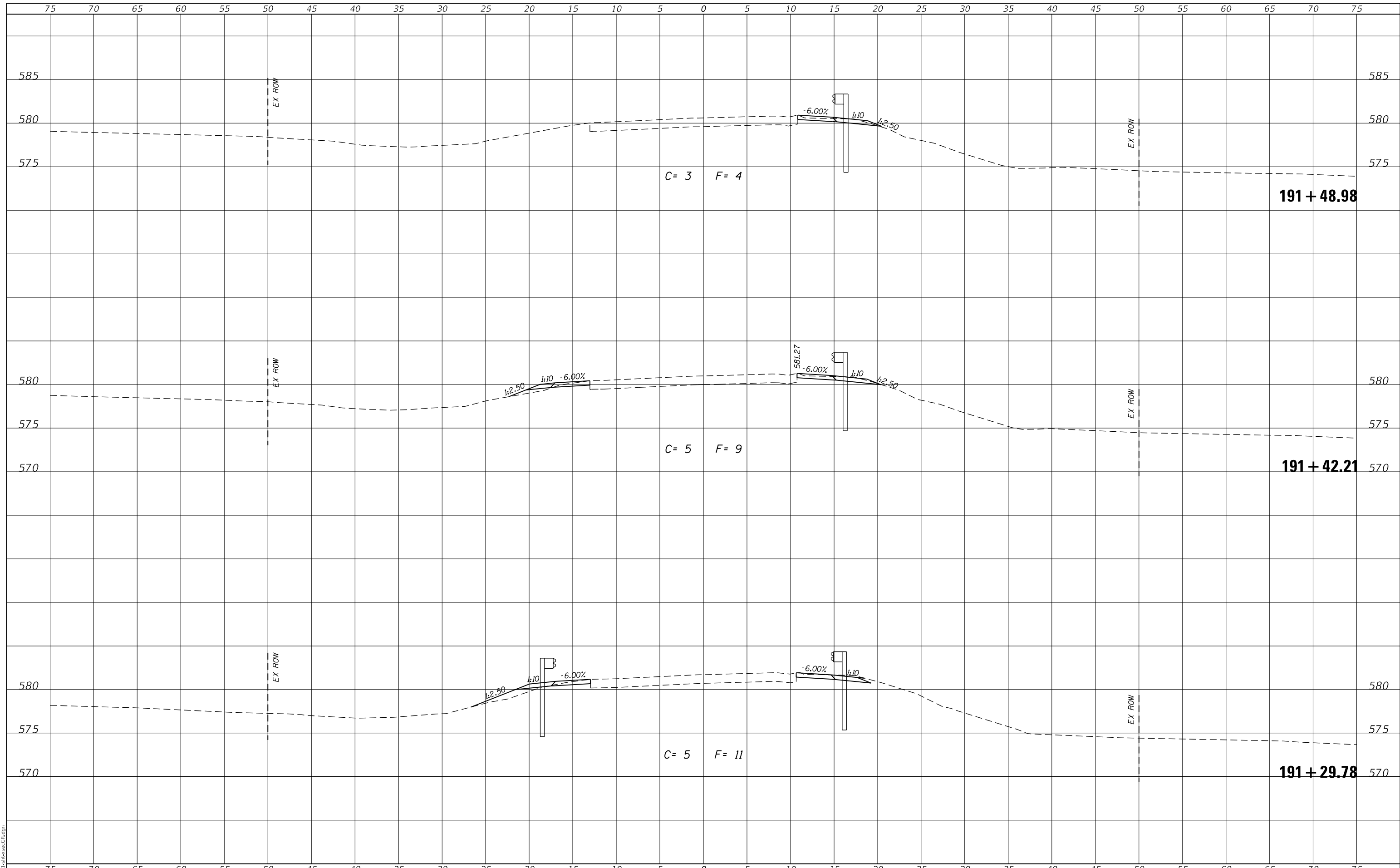
CROSS SECTIONS - LOCATION 8

SCALE: SHEET OF SHEETS STA. 190+88.67 TO STA. 190+94.38

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	138
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

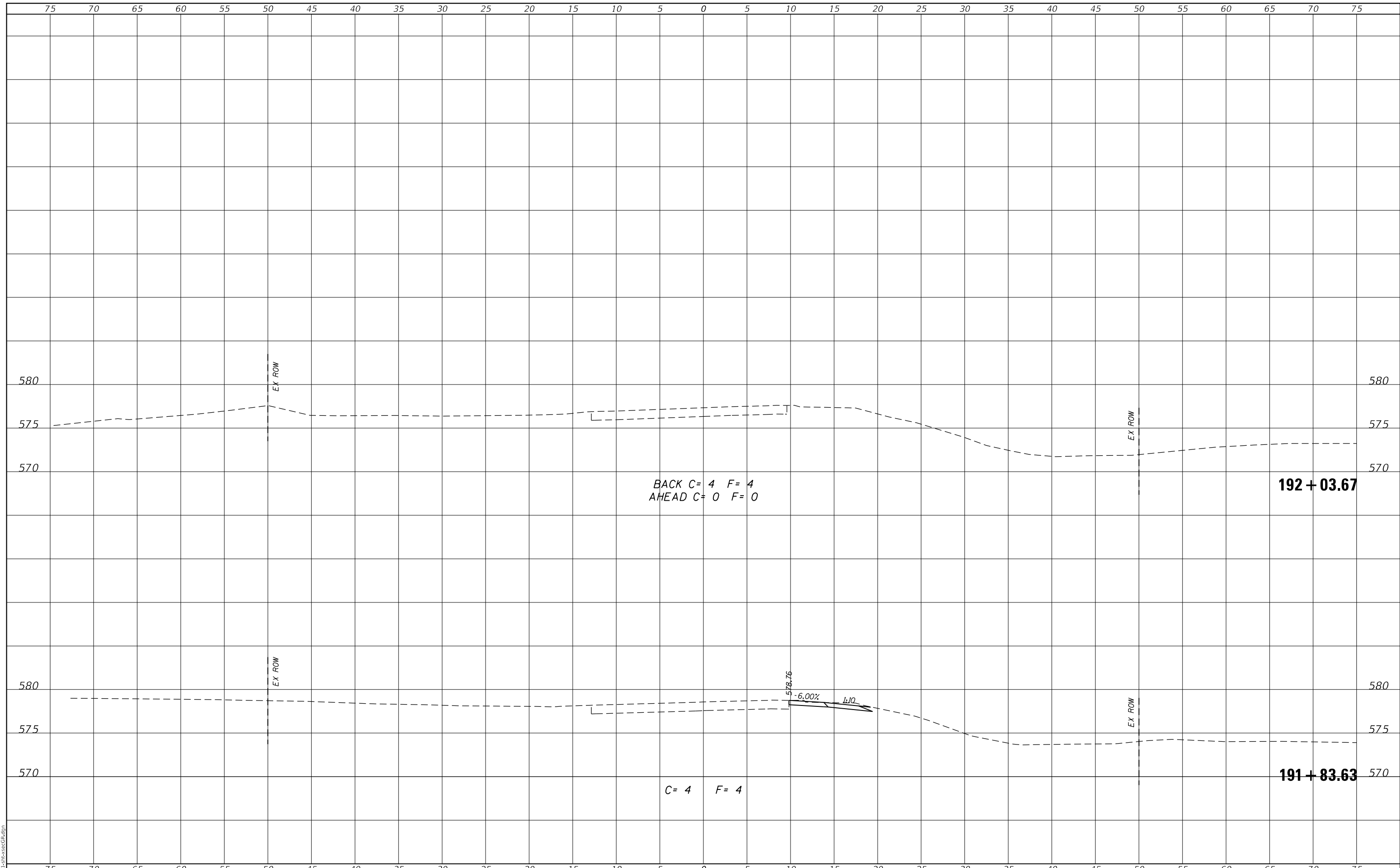
CROSS SECTIONS - LOCATION 8

SCALE: SHEET OF SHEETS STA. 191+29.78 TO STA. 191+48.98

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	139
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

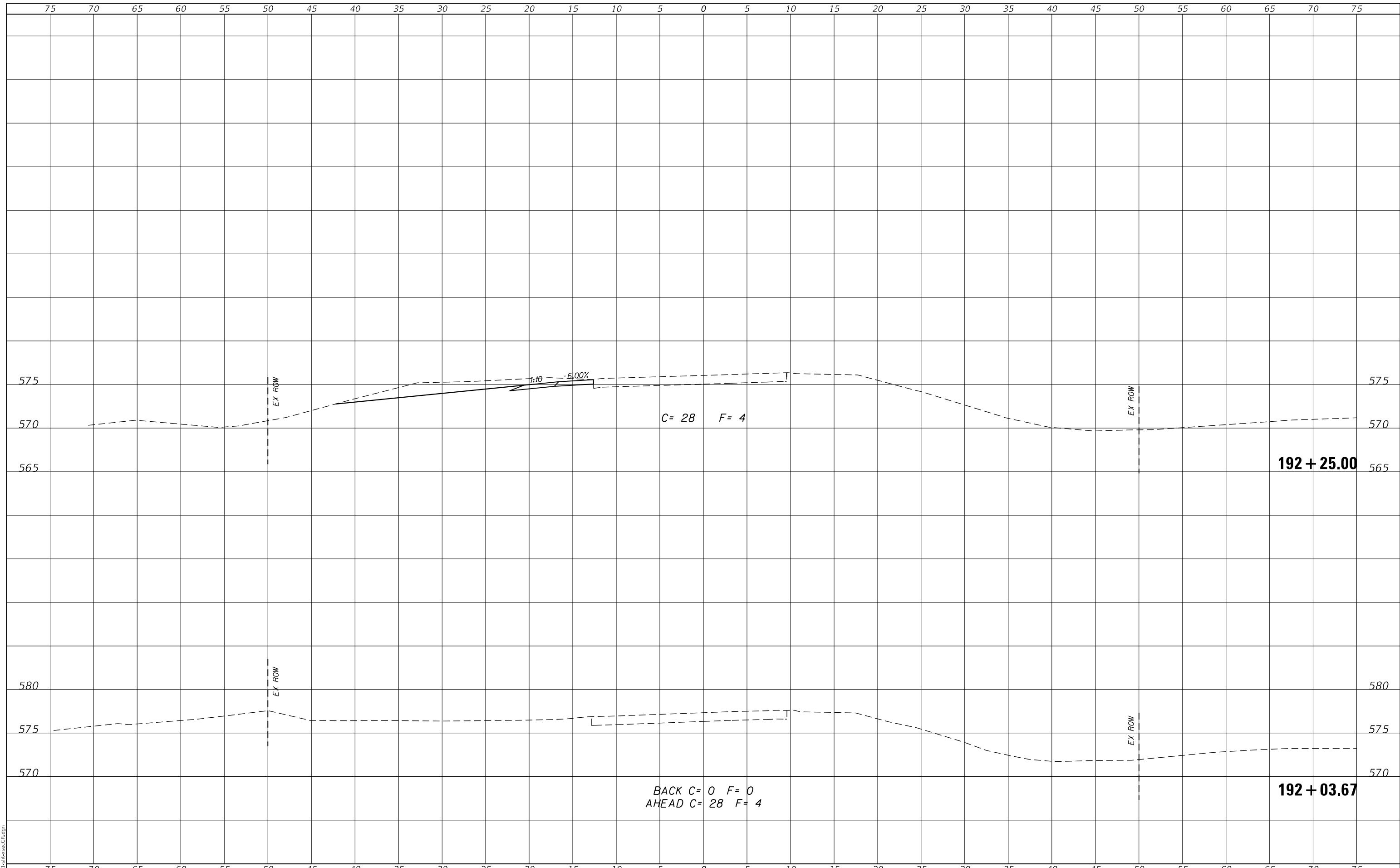
CROSS SECTIONS - LOCATION 8

SCALE: SHEET OF SHEETS STA. 191+83.63 TO STA. 192+03.67

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	140
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaultr
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

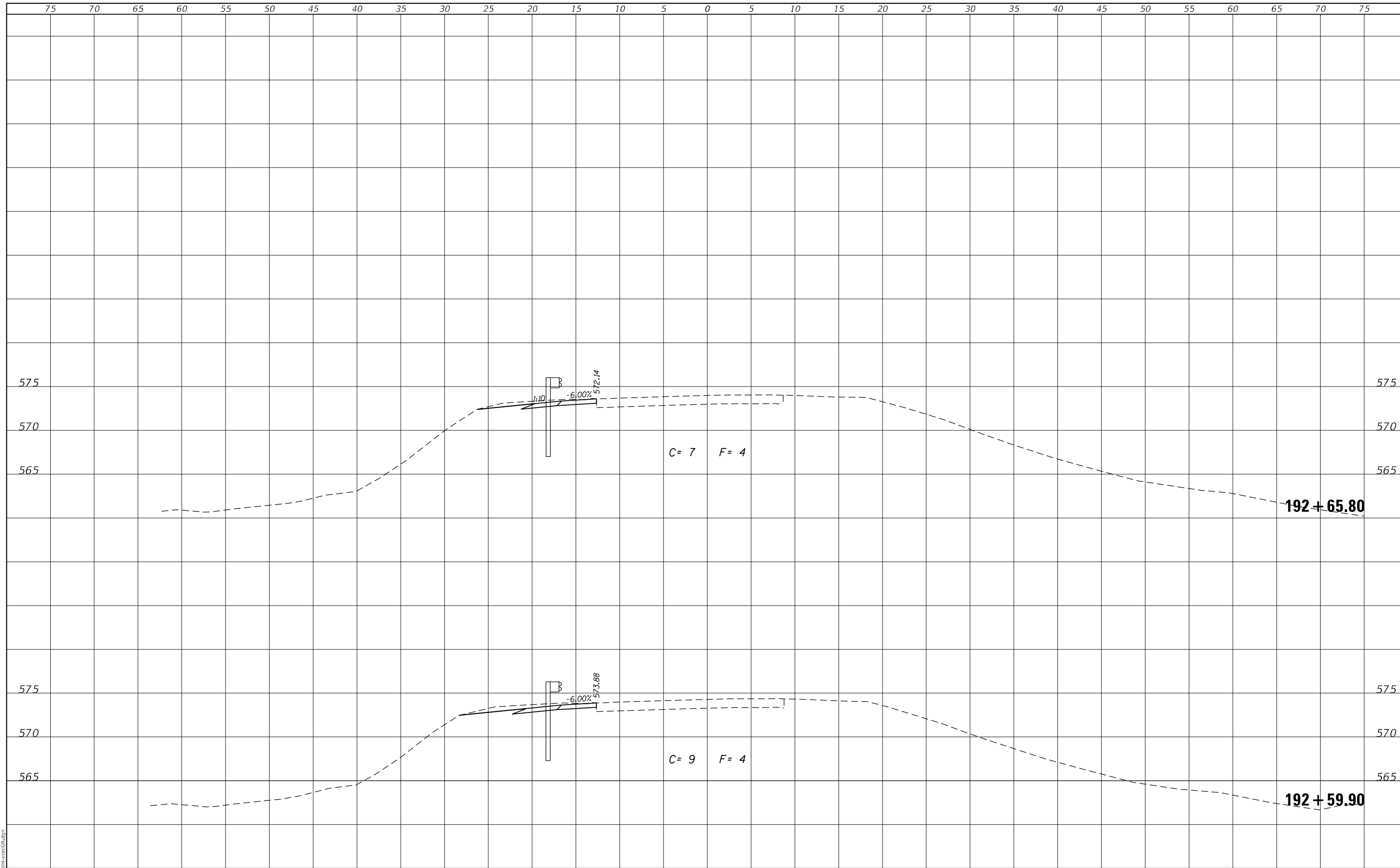
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 9			
SCALE:	SHEET	OF	SHEETS
STA. 192+03.67		TO STA. 192+25.00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	141
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

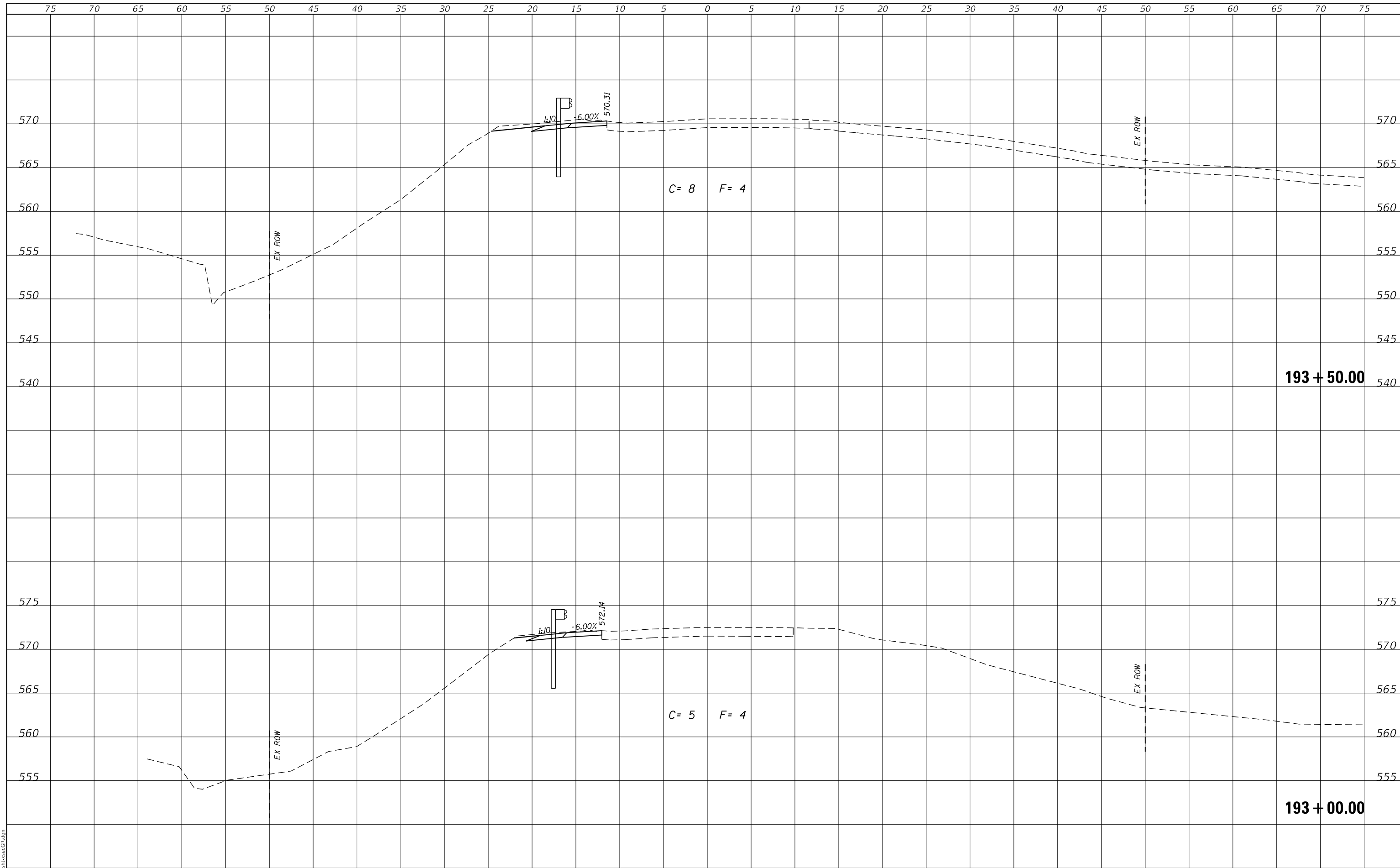
CROSS SECTIONS - LOCATION 9

SCALE: SHEET OF SHEETS STA. 192+59.90 TO STA. 192+65.80

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	142
CONTRACT NO. 93806				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shl-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shl-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

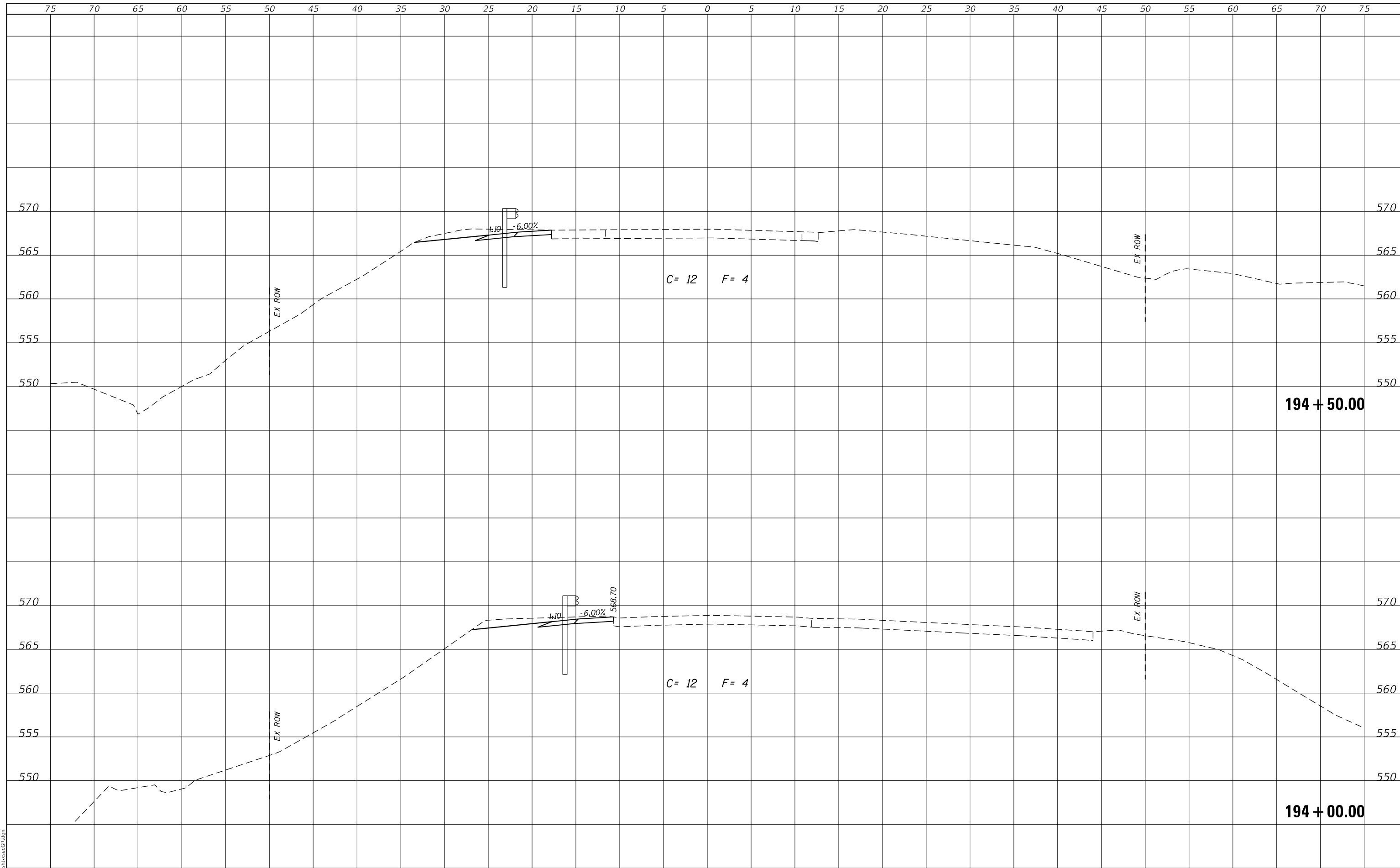
CROSS SECTIONS - LOCATION 9

SCALE: SHEET OF SHEETS STA. 193+00.00 TO STA. 193+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	143
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-sh-t-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-sh-t-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

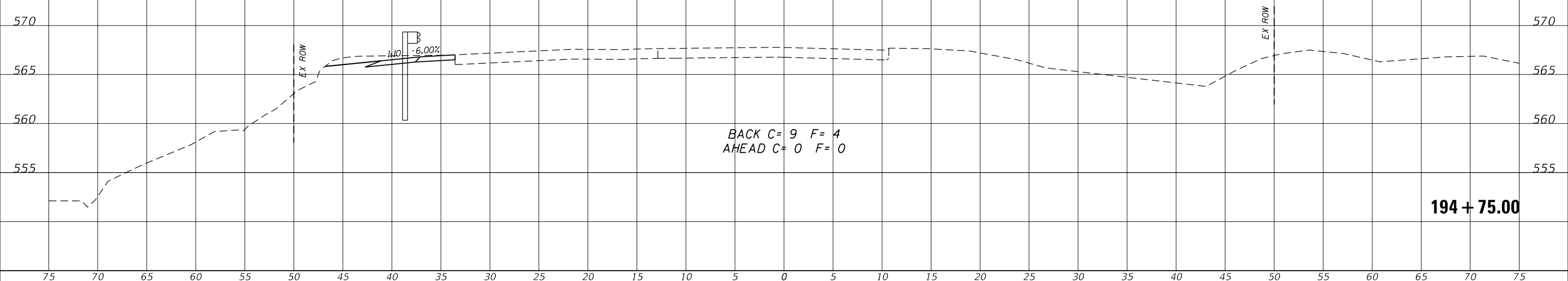
CROSS SECTIONS - LOCATION 9
SCALE: SHEET OF SHEETS STA. 194+00.00 TO STA. 194+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	144
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75



JOB# = 2581.1
 FILE NAME = 2581.1-shr-xsecGR.dgn
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 2/22/2023

DESIGNED - CGF
 DRAWN - SJS
 CHECKED - THF
 DATE - 1/13/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

**MASON COUNTY
 FAS 572 (CH 5)
 GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 9

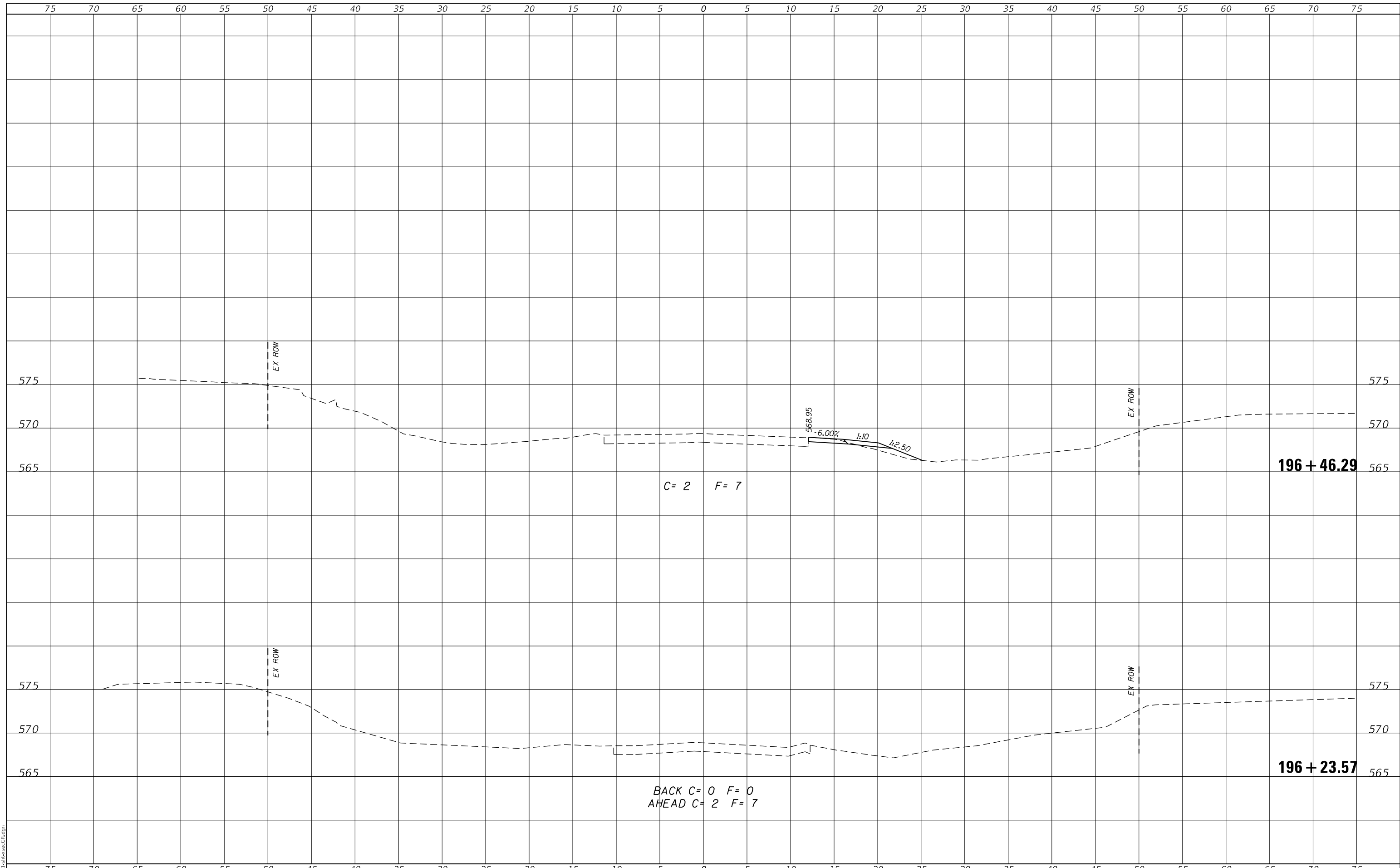
SCALE: SHEET OF SHEETS STA. 194+75.00 TO STA. 194+75.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	145
CONTRACT NO. 93806				
		ILLINOIS	FED. AID PROJECT	

MODEL: Defaulr
 FILE NAME: 2581.1-shr-xsecGR.dgn

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



C= 2 F= 7

BACK C= 0 F= 0
AHEAD C= 2 F= 7

196 + 46.29

196 + 23.57



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 10

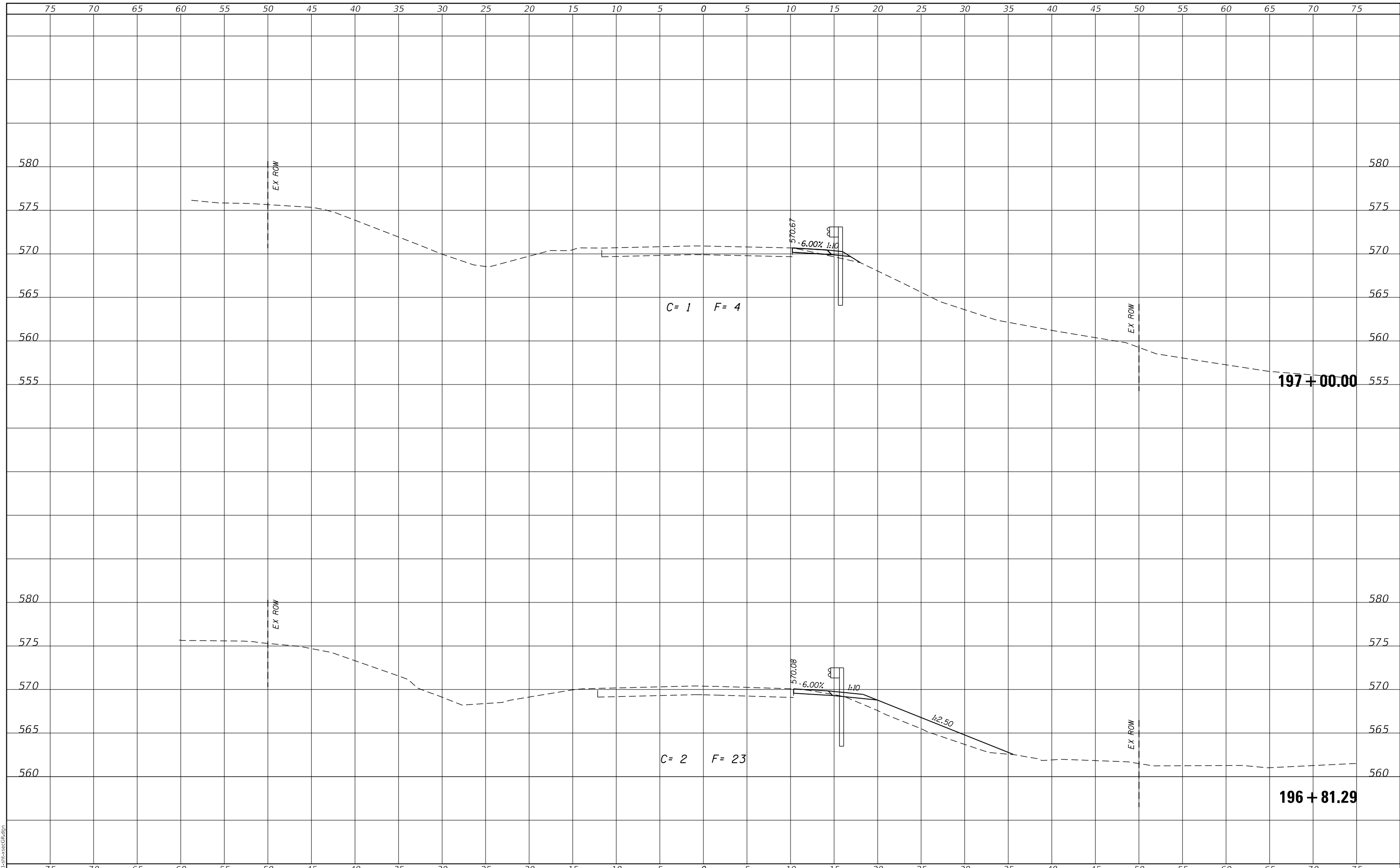
SCALE: SHEET OF SHEETS STA. 196+23.57 TO STA. 196+46.29

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	146
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB#	= 2581.1
FILE NAME	= 2581.1-shr-xsecGR.dgn
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 2/22/2023

DESIGNED	- CGF	REVISED	-
DRAWN	- SJS	REVISED	-
CHECKED	- THF	REVISED	-
DATE	- 1/13/2023	REVISED	-

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

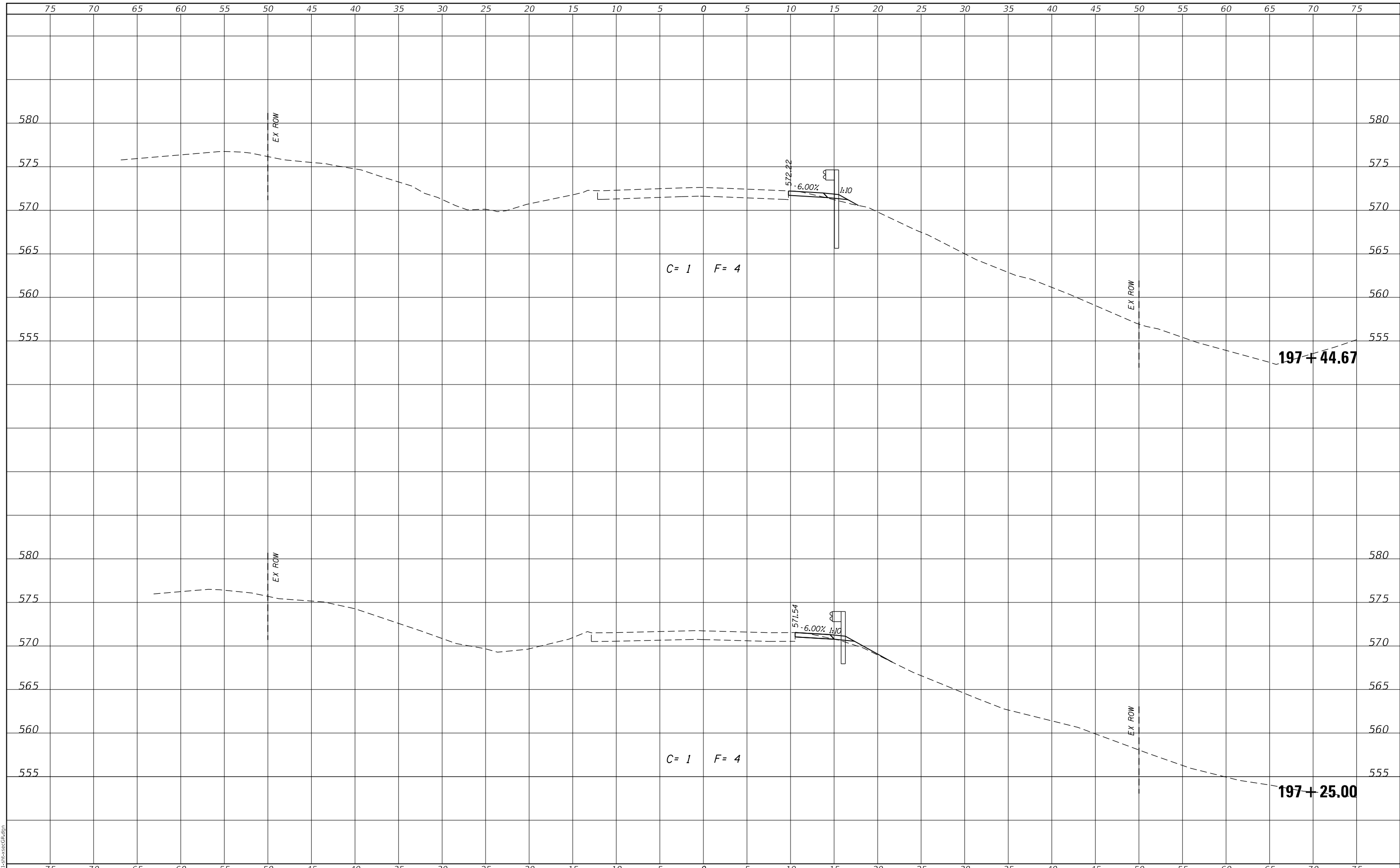
CROSS SECTIONS - LOCATION 10

SCALE: SHEET OF SHEETS STA. 196+81.29 TO STA. 197+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	147
				CONTRACT NO. 93806
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



C= 1 F= 4

C= 1 F= 4

197+44.67

197+25.00



JOB=	2581.1	DESIGNED -	CGF	REVISED -	
FILE NAME =	2581.1-shr-xsecGR.dgn	DRAWN -	SJS	REVISED -	
PLOT SCALE =	10.0000' / in.	CHECKED -	THF	REVISED -	
PLOT DATE =	2/22/2023	DATE -	1/13/2023	REVISED -	

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 10

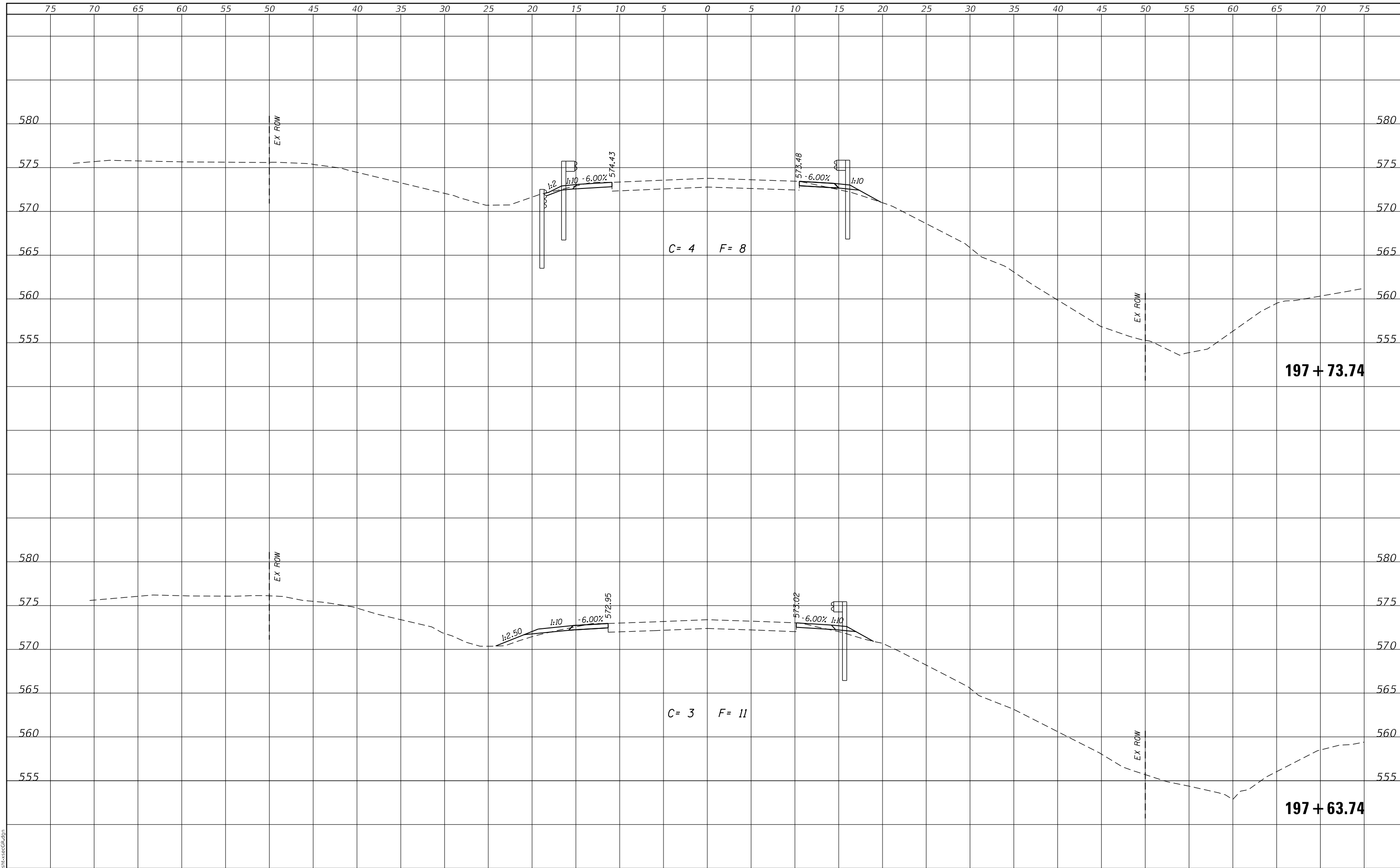
SCALE: SHEET OF SHEETS STA. 197+25.00 TO STA. 197+44.67

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	148
			CONTRACT NO. 93806	
			ILLINOIS FED. AID PROJECT	

MODEL: Definit FILE NAME: 2581.1-shr-xsecGR.dgn

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

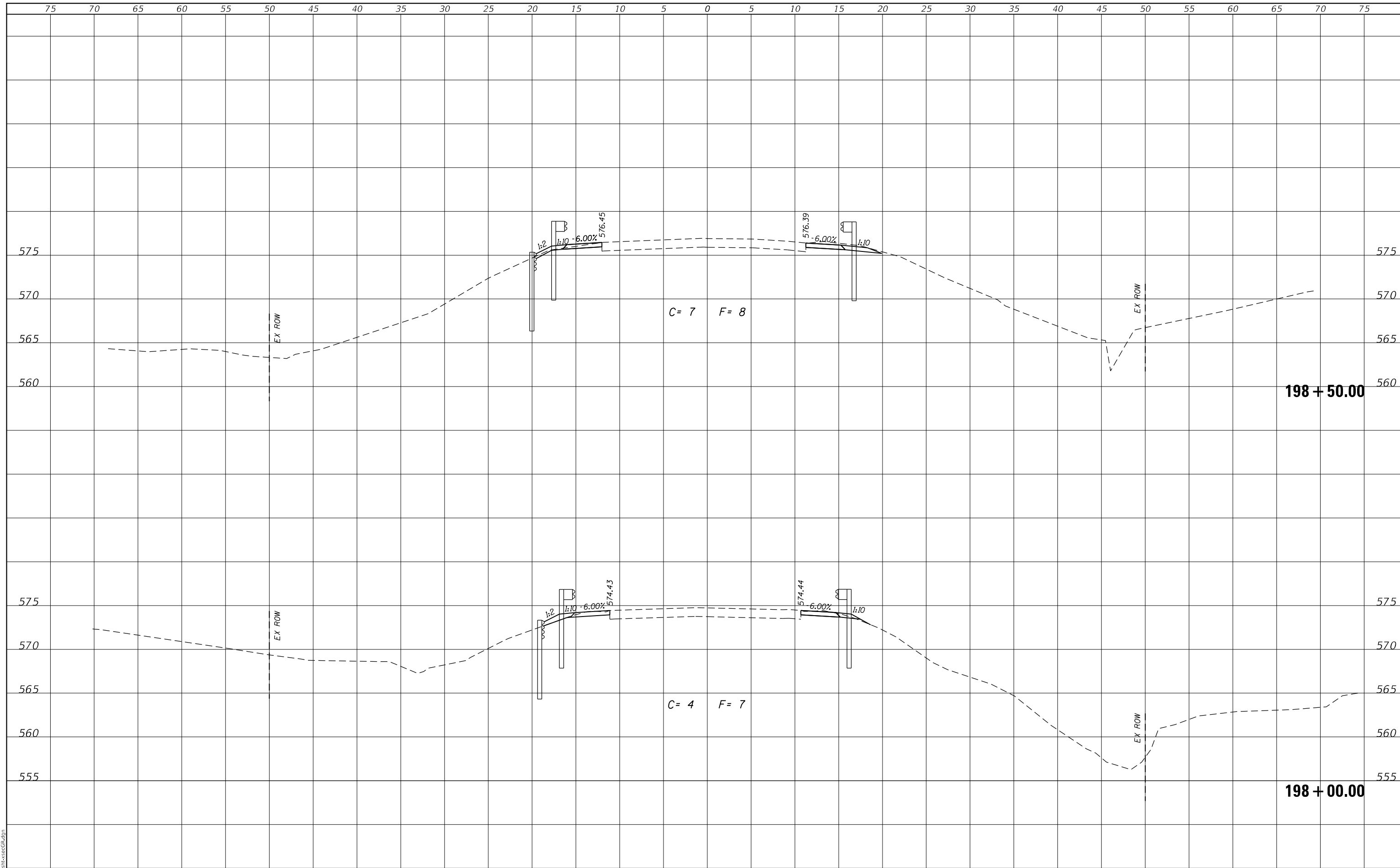
CROSS SECTIONS - LOCATION 10

SCALE: SHEET OF SHEETS STA. 197+63.74 TO STA. 197+73.74

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	149
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISD -
DRAWN - SJS	REVISD -
CHECKED - THF	REVISD -
DATE - 1/13/2023	REVISD -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

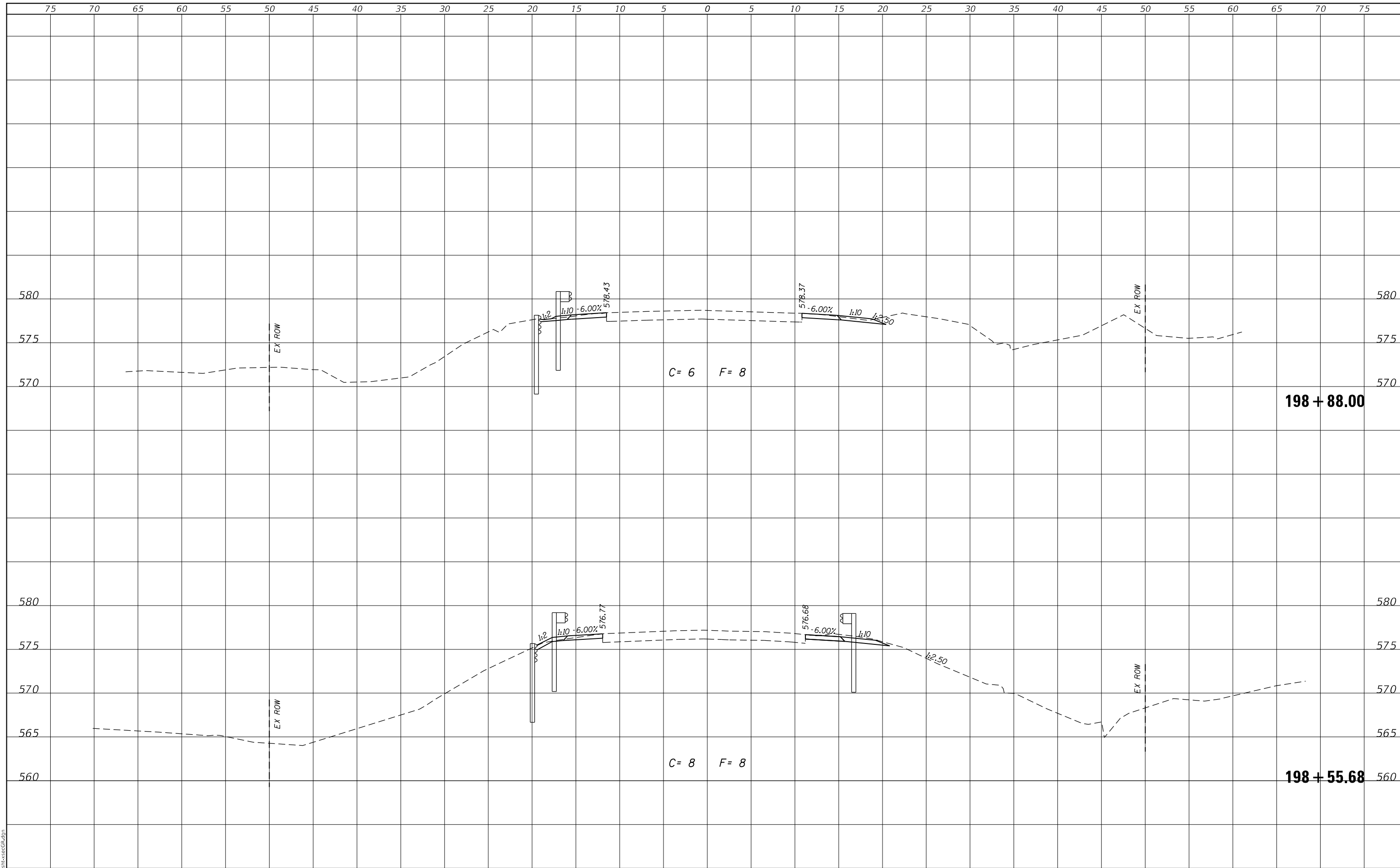
CROSS SECTIONS - LOCATION 10

SCALE:	SHEET	OF	SHEETS	STA. 198+00.00	TO STA. 198+50.00
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	150
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REVISED -
DRAWN - SJS	REVISED -
CHECKED - THF	REVISED -
DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

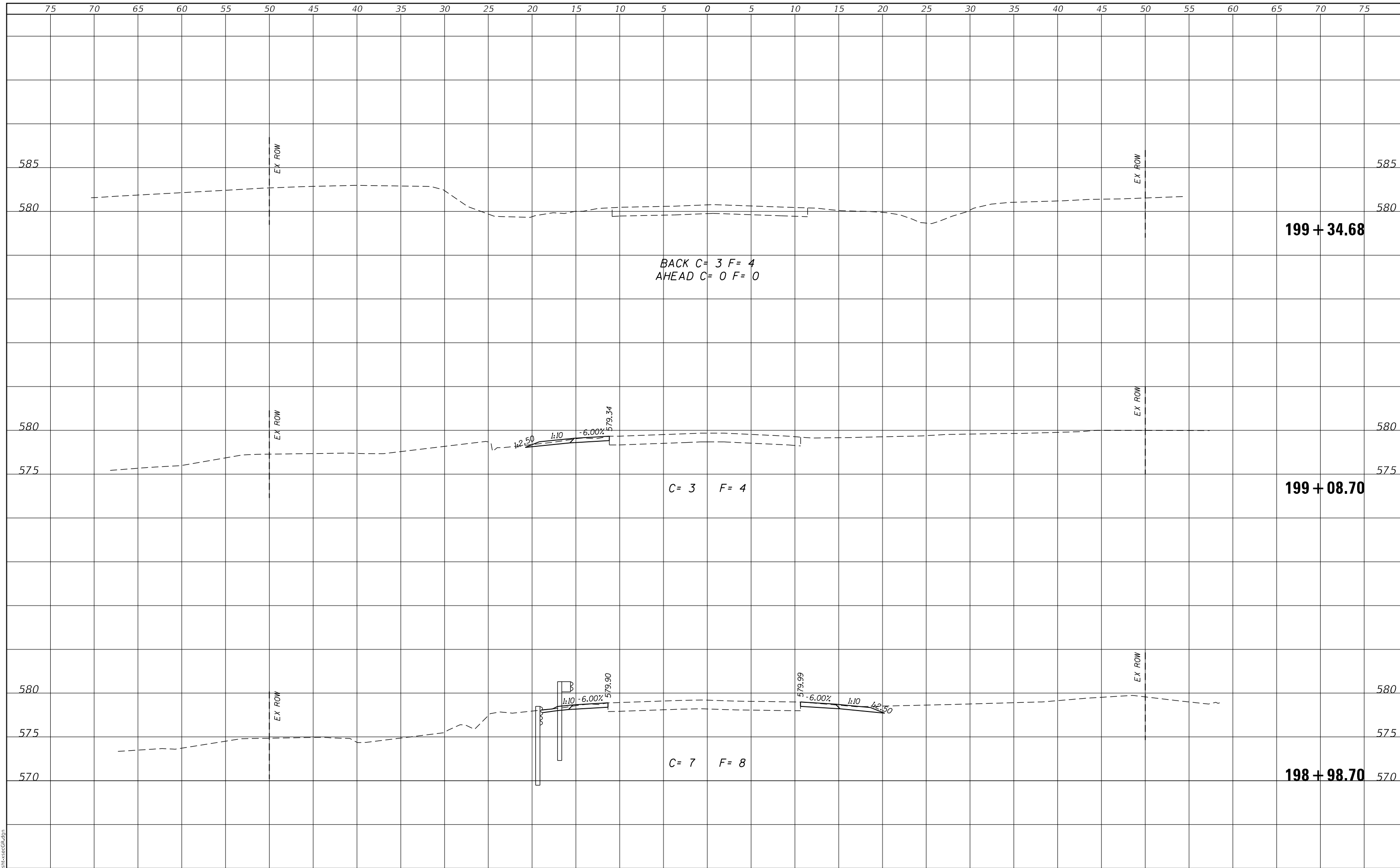
CROSS SECTIONS - LOCATION 10

SCALE: SHEET OF SHEETS STA. 198+55.68 TO STA. 198+88.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	151
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

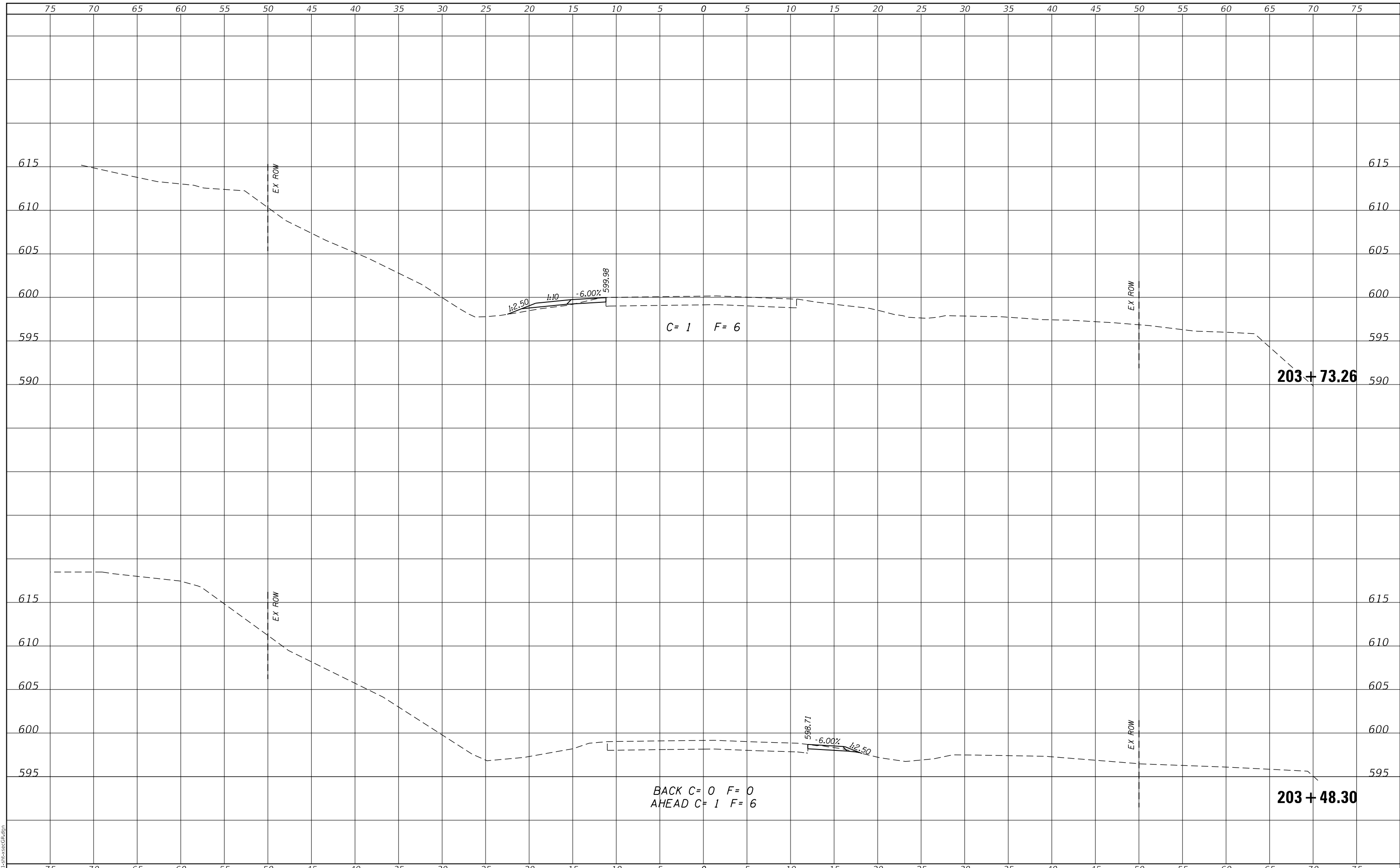
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 10			
SCALE:	SHEET	OF	SHEETS
			STA. 198+98.70 TO STA. 199+34.68

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	152
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shl-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shl-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

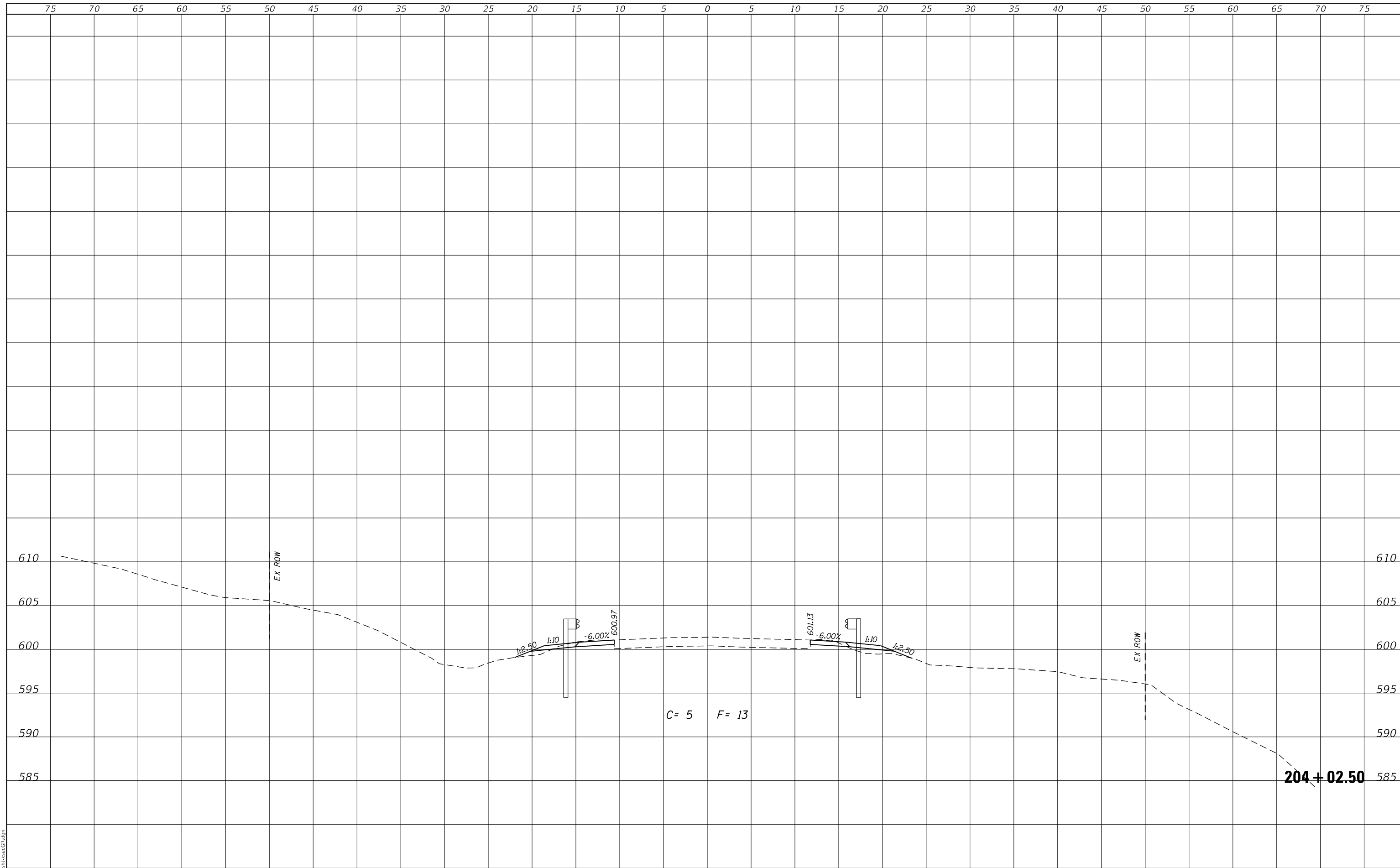
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 203+48.30 TO STA. 203+73.26

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	153
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

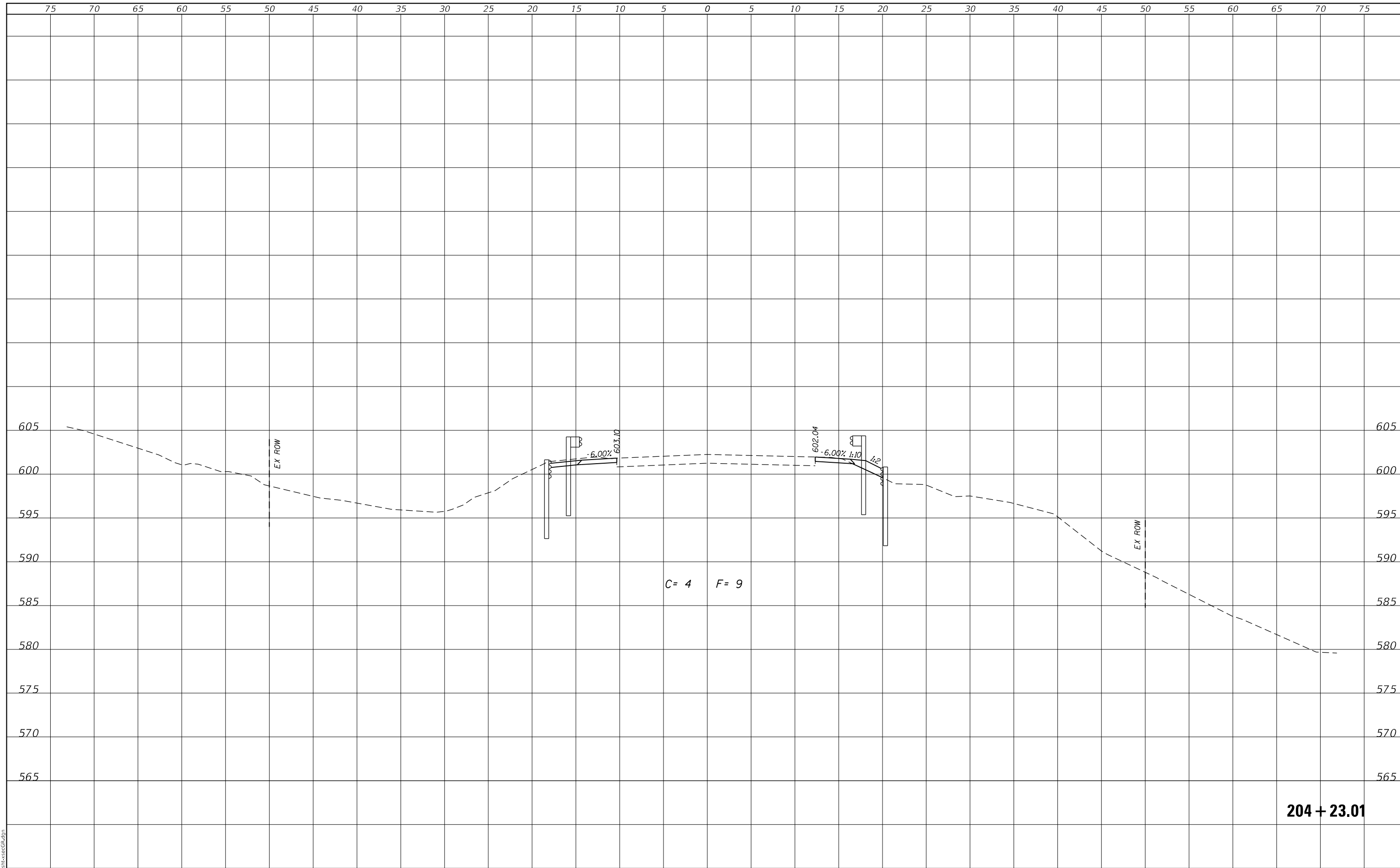
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 11			
SCALE:	SHEET	OF	SHEETS
			STA. 204+02.50 TO STA. 204+02.50

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 154
			CONTRACT NO. 93806	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



204 + 23.01

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

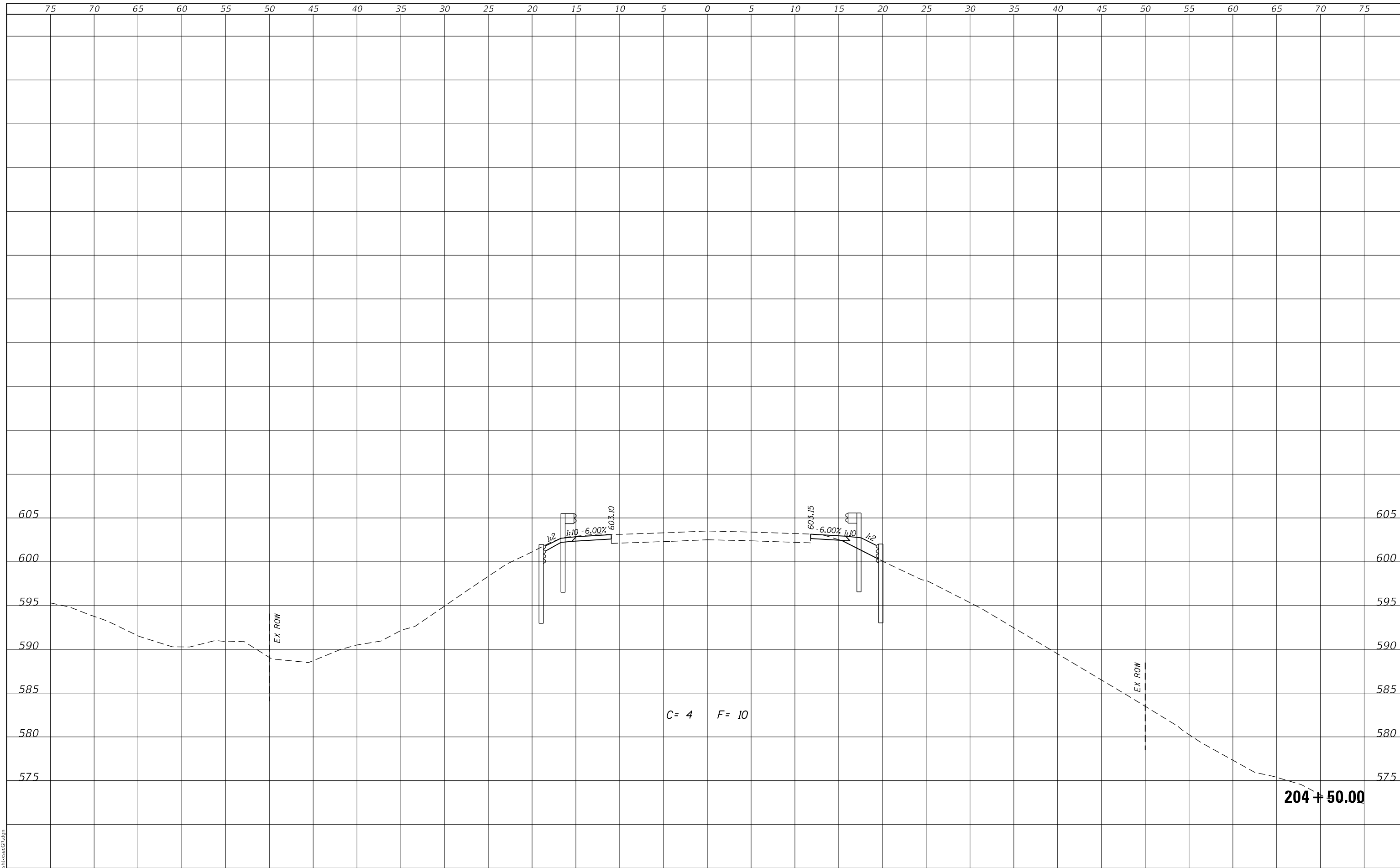
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 11			
SCALE:	SHEET	OF	SHEETS
			STA. 204+23.01 TO STA. 204+23.01

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	155
				CONTRACT NO. 93806
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



C = 4 F = 10

204 + 50.00

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

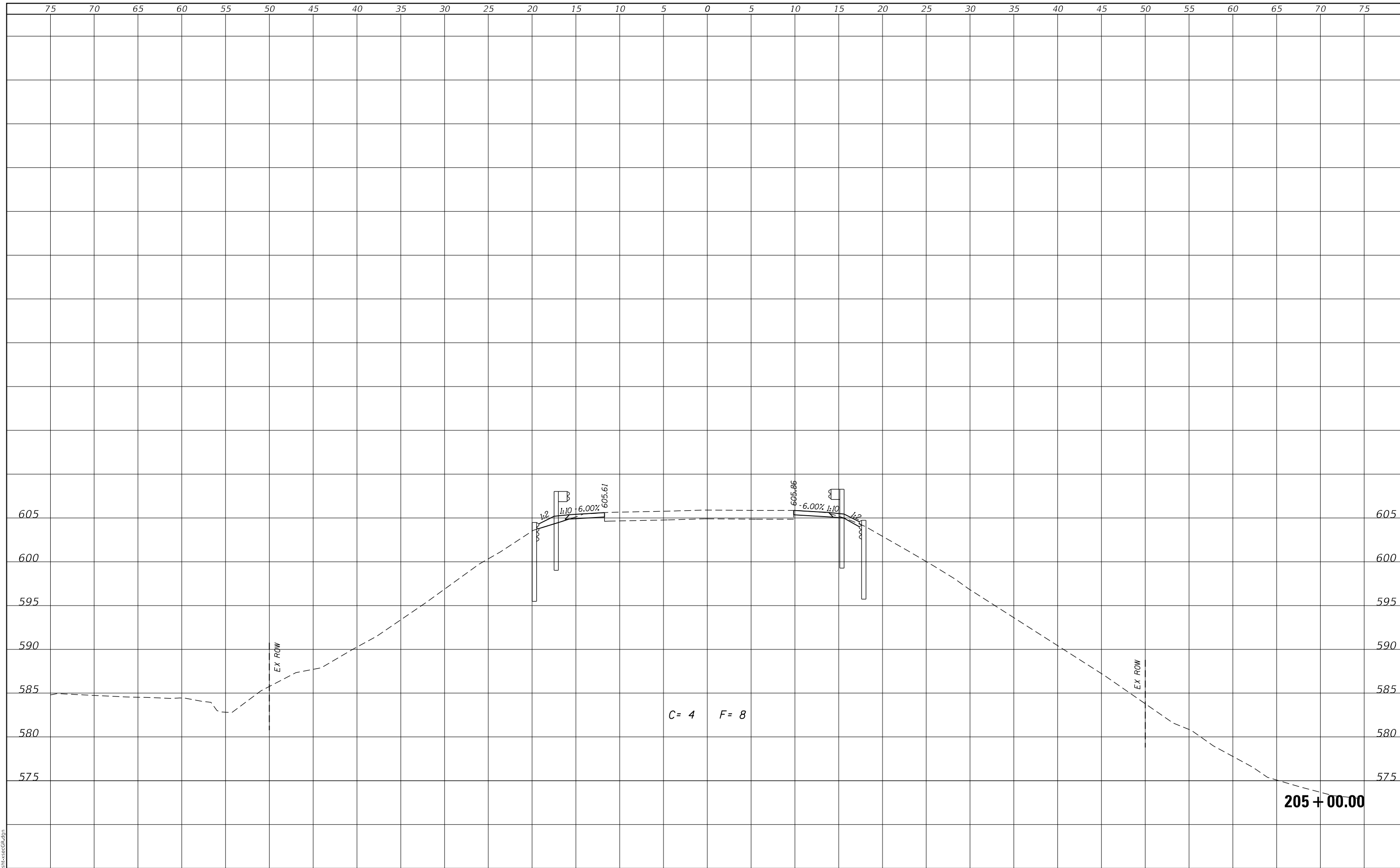
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 204+50.00 TO STA. 204+50.00

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 156
CONTRACT NO. 93806			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

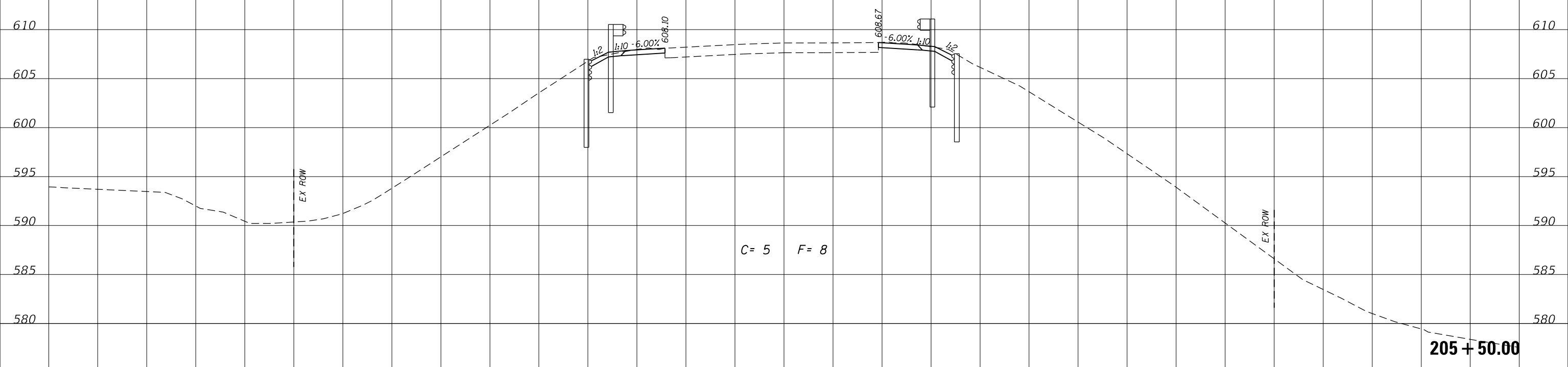
CROSS SECTIONS - LOCATION 11			
SCALE:	SHEET	OF	SHEETS
			STA. 205+00.00 TO STA. 205+00.00

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 157
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	



75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

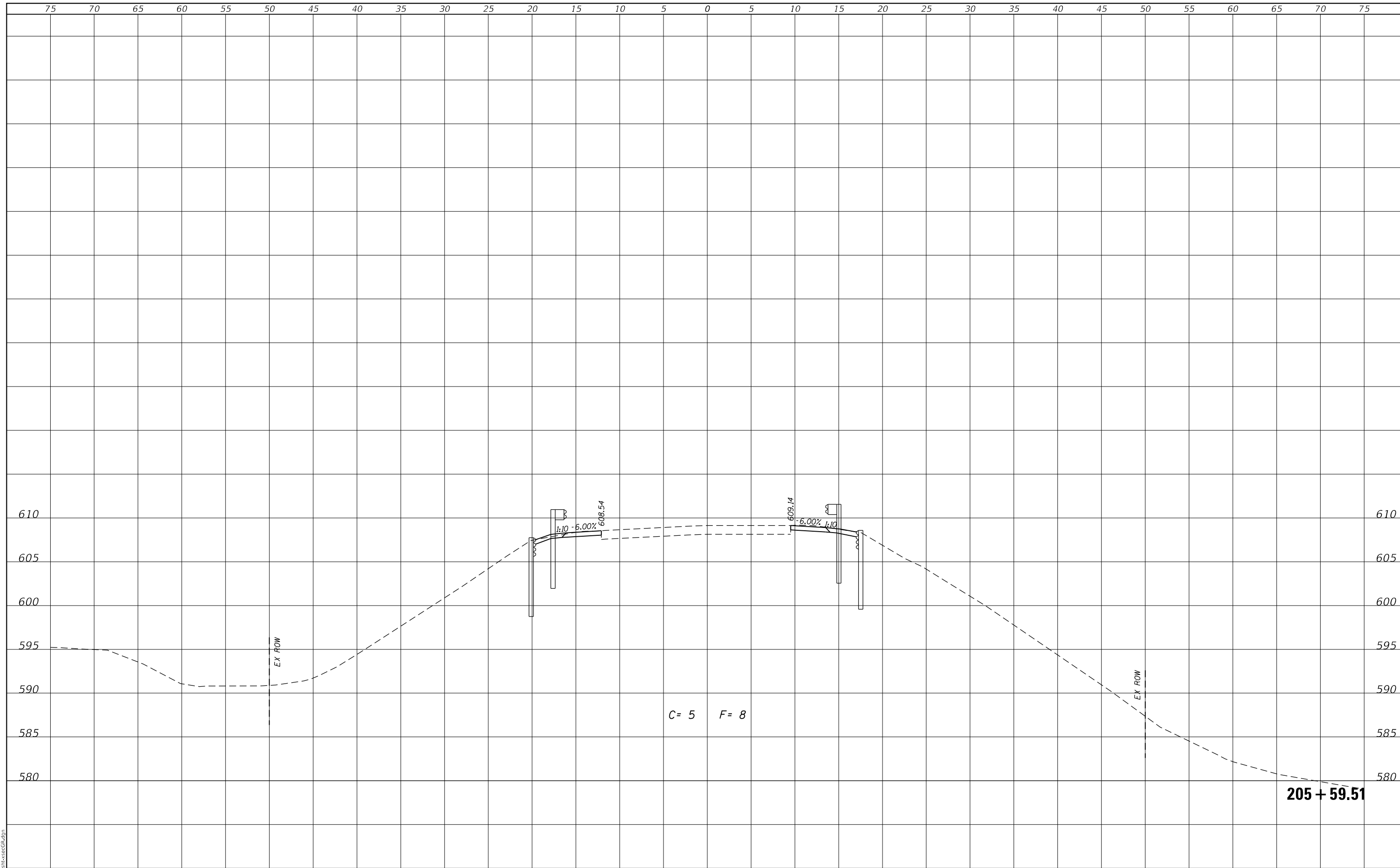
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 205+50.00 TO STA. 205+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	158
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



C = 5 F = 8

205 + 59.51

MODEL: Defaulr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

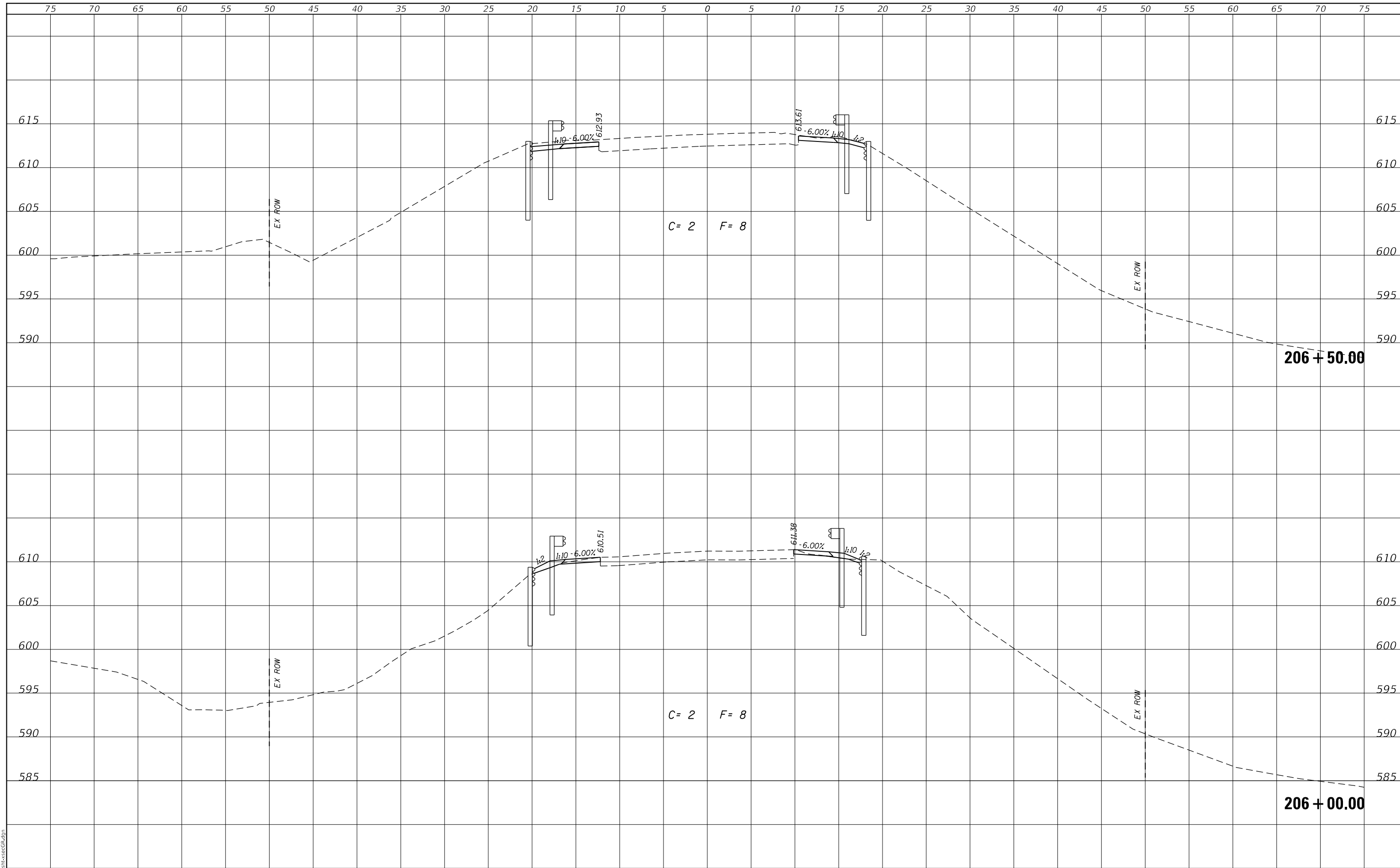
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 205+59.51 TO STA. 205+59.51

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	159
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



MODEL: Definit
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

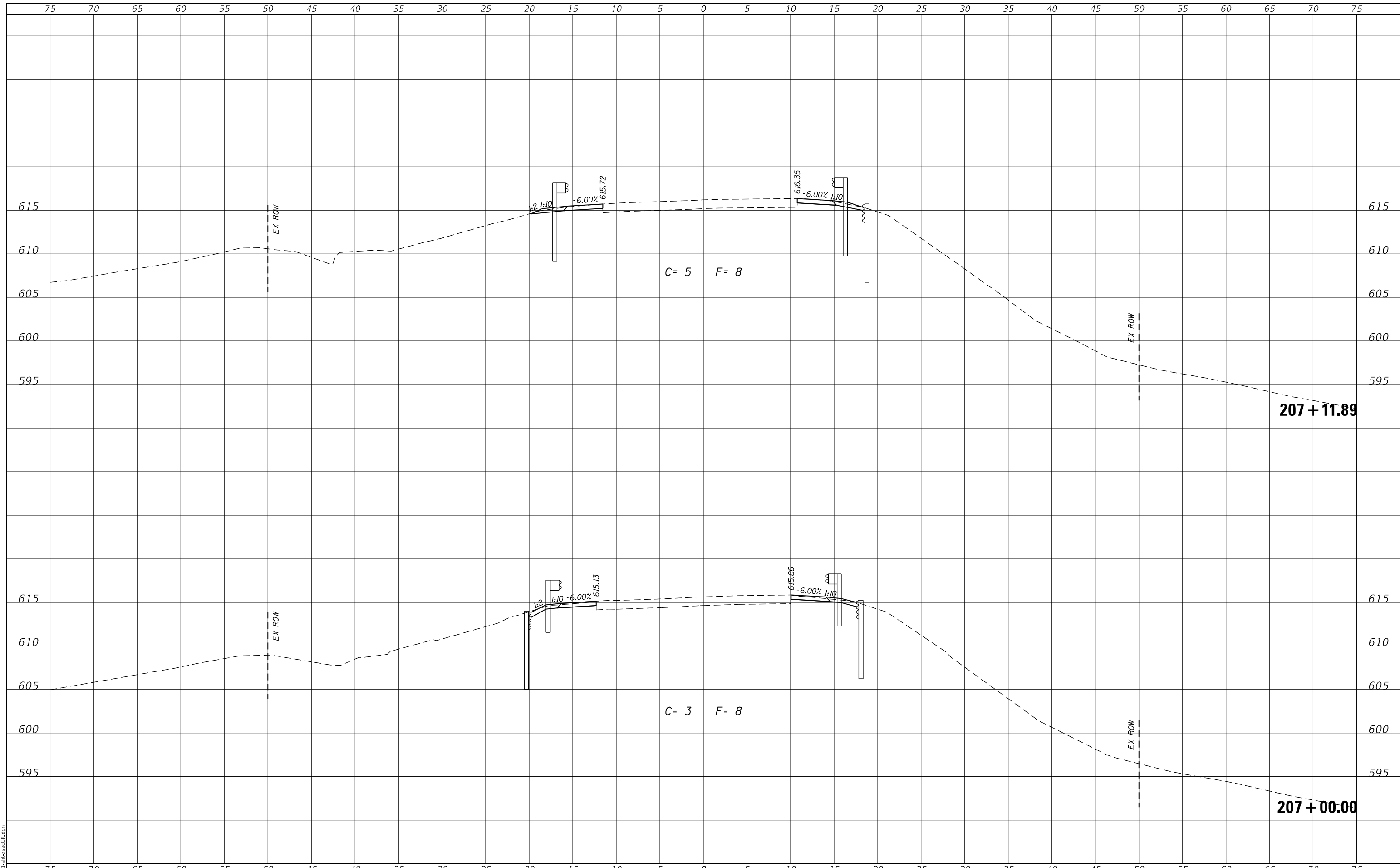
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 206+00.00 TO STA. 206+50.00

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 160
			CONTRACT NO. 93806	
			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
NO.	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

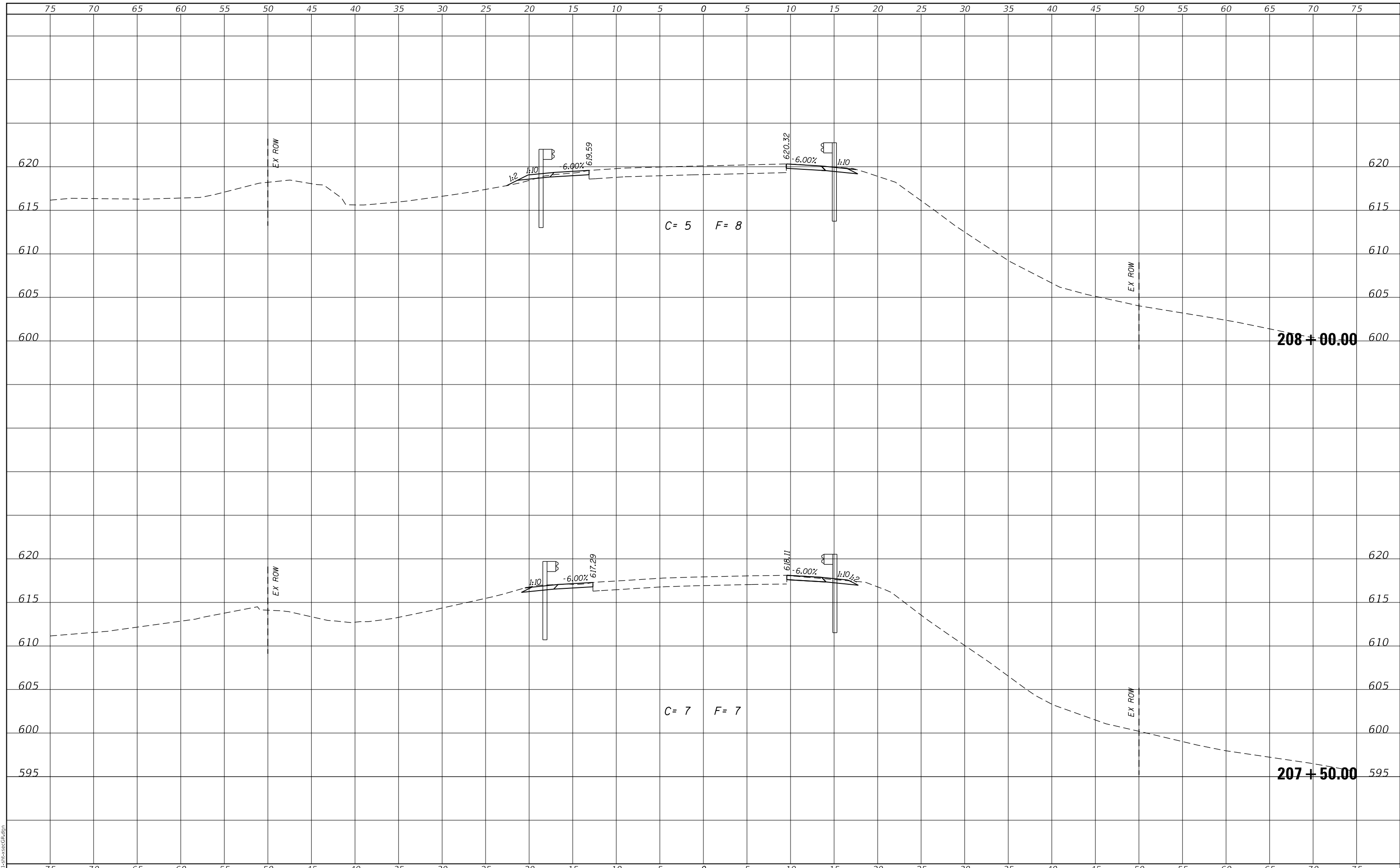
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 207+00.00 TO STA. 207+11.89

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	161
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

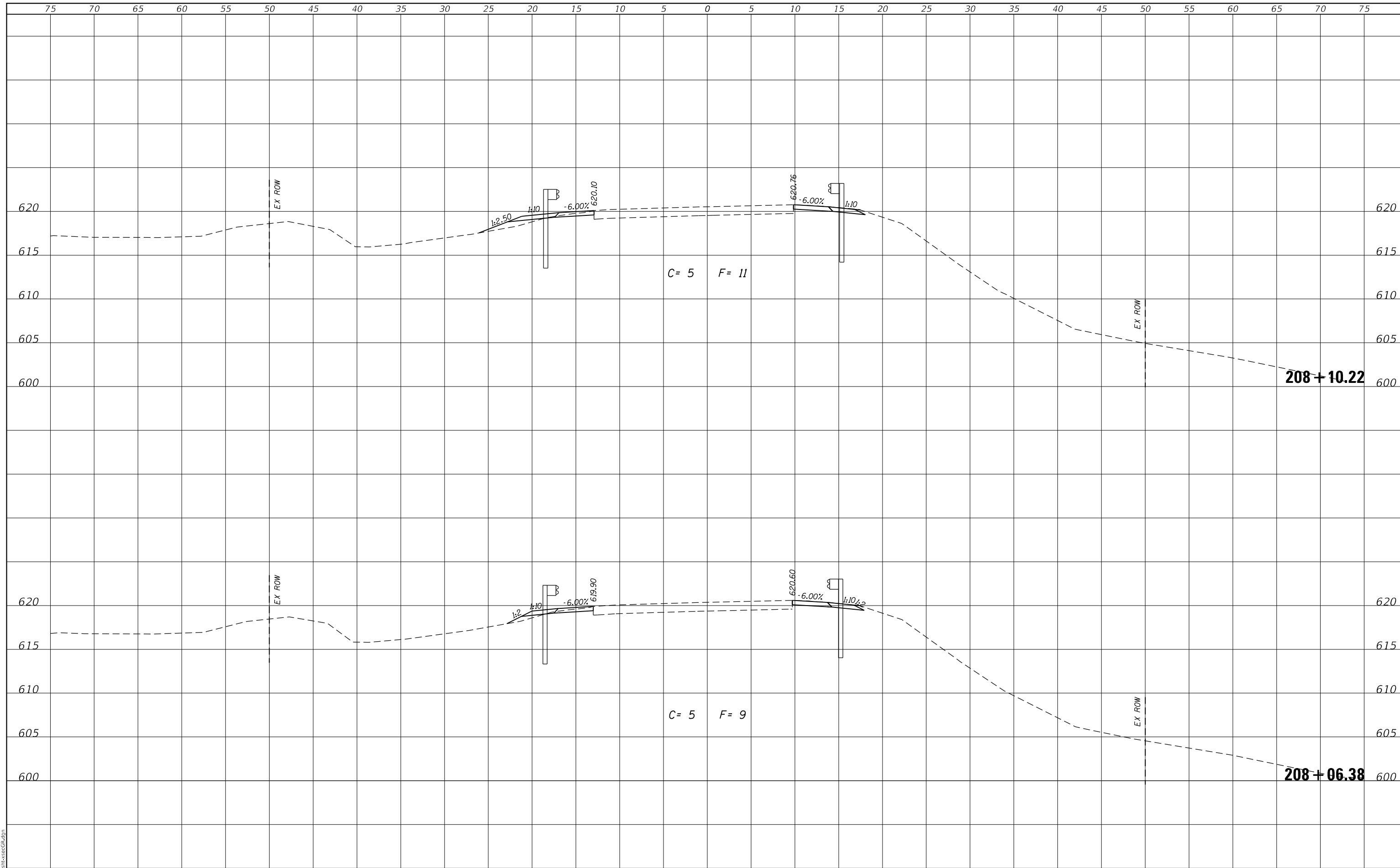
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 207+50.00 TO STA. 208+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	162
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF	REvised -
DRAWN - SJS	REvised -
CHECKED - THF	REvised -
DATE - 1/13/2023	REvised -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

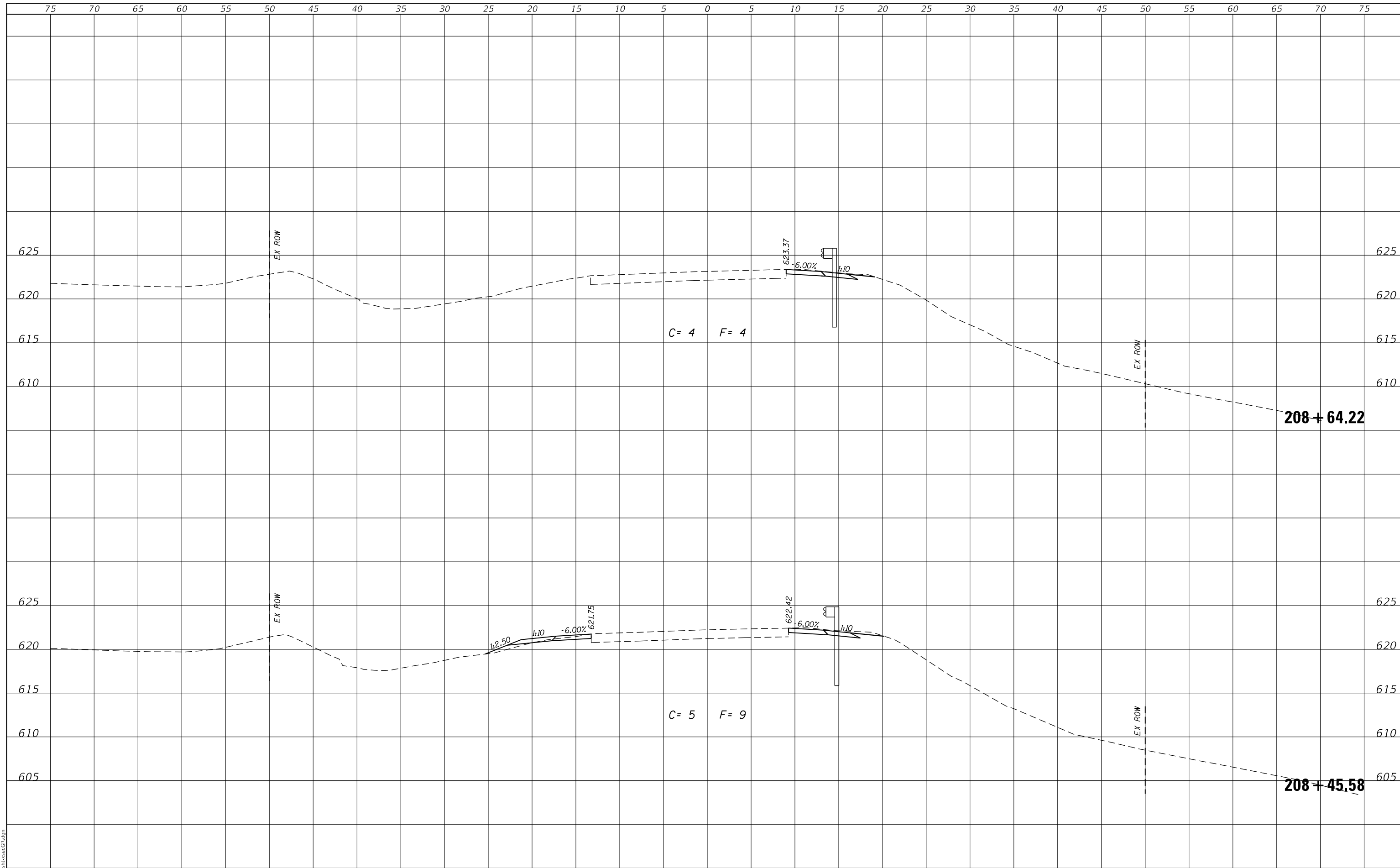
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 208+06.38 TO STA. 208+10.22

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	163
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



C= 4 F= 4

C= 5 F= 9

208+ 64.22

208+ 45.58



JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

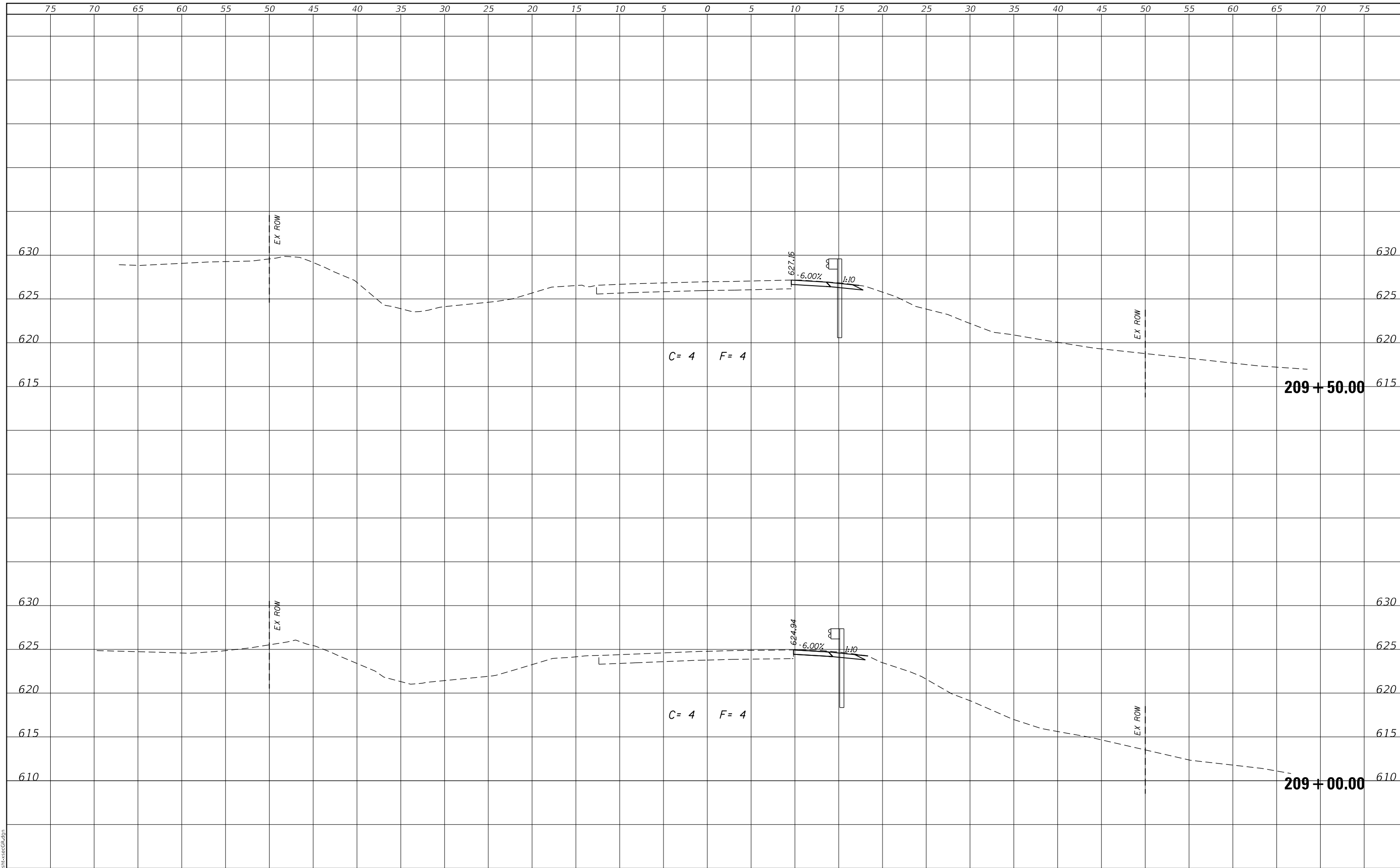
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 208+45.58 TO STA. 208+64.22

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	164
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	
NOTE BOOK	
AREAS CHECKED	



MODEL: Defa01.rvt
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JOB# = 2581.1
FILE NAME = 2581.1-shr-xsecGR.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

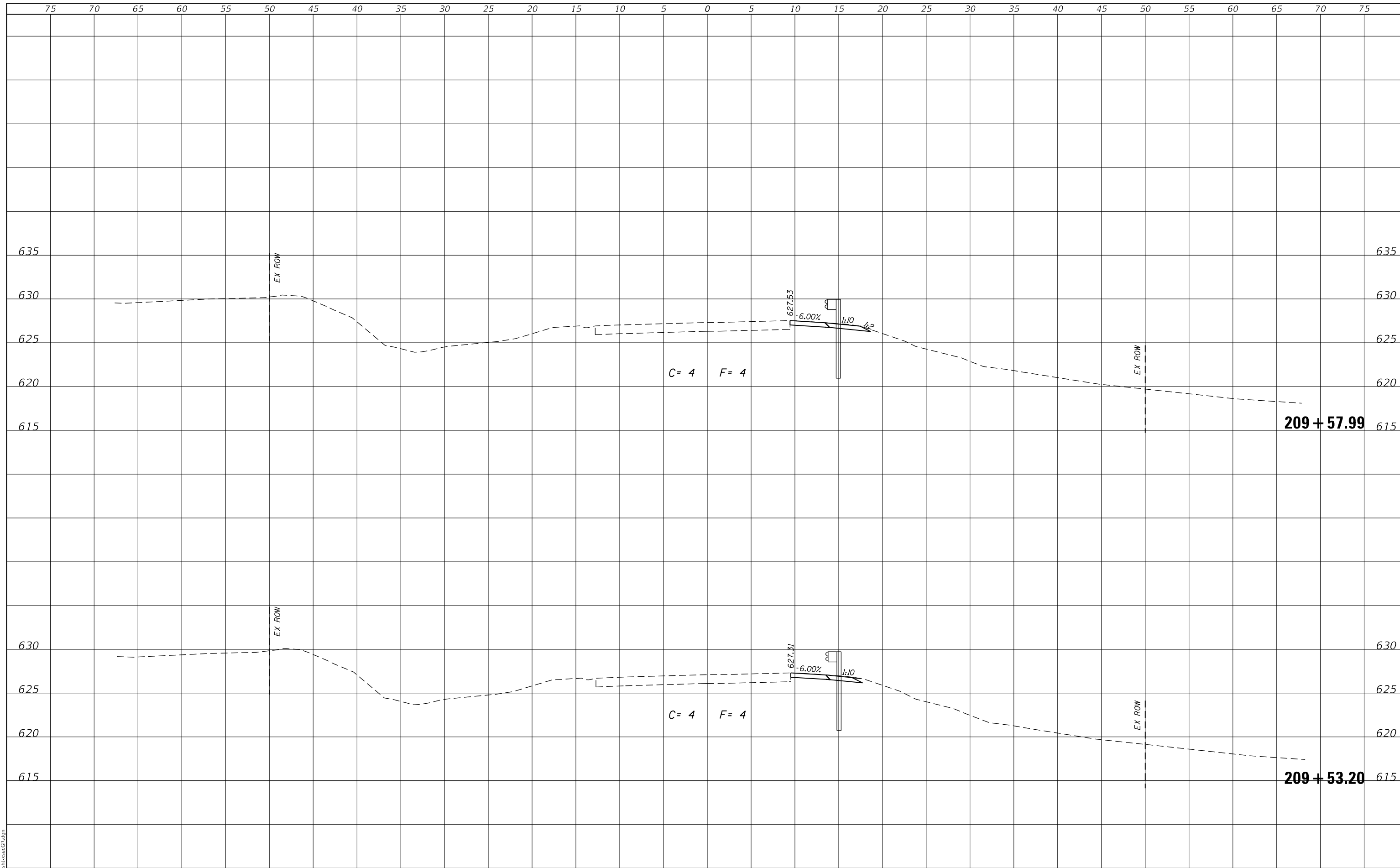
CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 209+00.00 TO STA. 209+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	165
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



MODEL: Defaultr
FILE NAME: 2581.1-shr-xsecGR.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB# = 2581.1	DESIGNED - CGF	REVISED -
FILE NAME = 2581.1-shr-xsecGR.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - THF	REVISED -
PLOT DATE = 2/22/2023	DATE - 1/13/2023	REVISED -

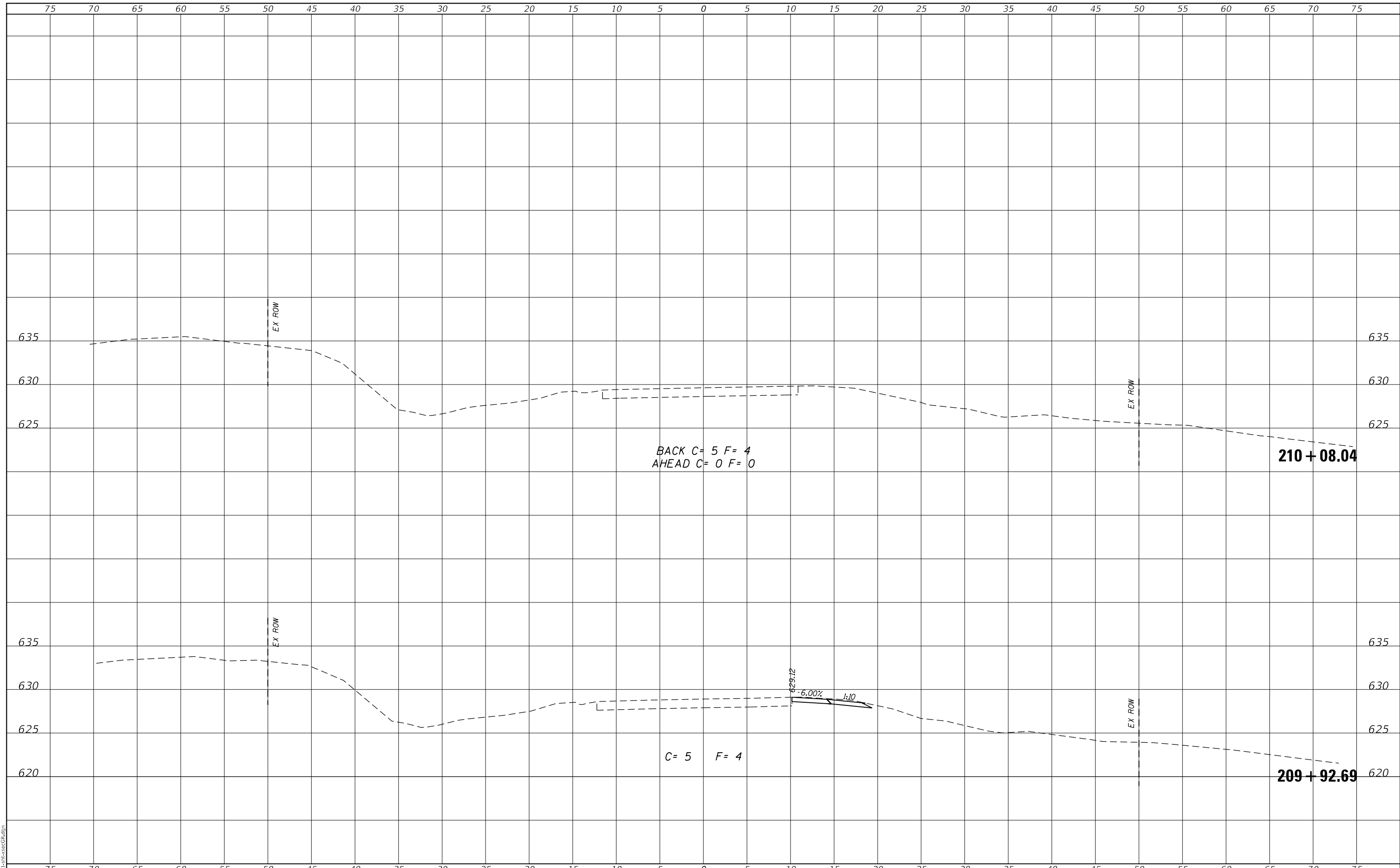
**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 11	
SCALE:	SHEET OF SHEETS
STA. 209+53.20 TO STA. 209+57.99	

F.A.S. RTE. 572	SECTION 22-00069-00-5P	COUNTY MASON	TOTAL SHEETS 167	SHEET NO. 166
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



MODEL: Defaul
FILE NAME: 2581.1-sh-t-xsecGR.dgn



JOB# = 2581.1
FILE NAME = 2581.1-sh-t-xsecGR.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 2/22/2023

DESIGNED - CGF
DRAWN - SJS
CHECKED - THF
DATE - 1/13/2023

REVISED -
REVISED -
REVISED -
REVISED -

**MASON COUNTY
FAS 572 (CH 5)
GUARDRAIL IMPROVEMENTS**

CROSS SECTIONS - LOCATION 11

SCALE: SHEET OF SHEETS STA. 209+92.69 TO STA. 210+08.04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
572	22-00069-00-5P	MASON	167	167
CONTRACT NO. 93806				
ILLINOIS FED. AID PROJECT				