

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	1
		ILLINOIS	CONTRACT NO. 99714	

09-22-2023 LETTING ITEM 068

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

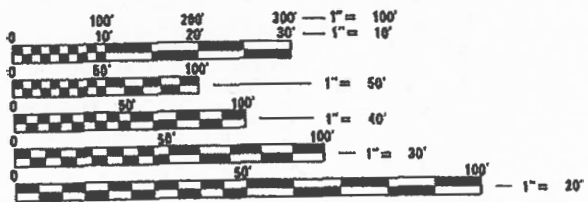
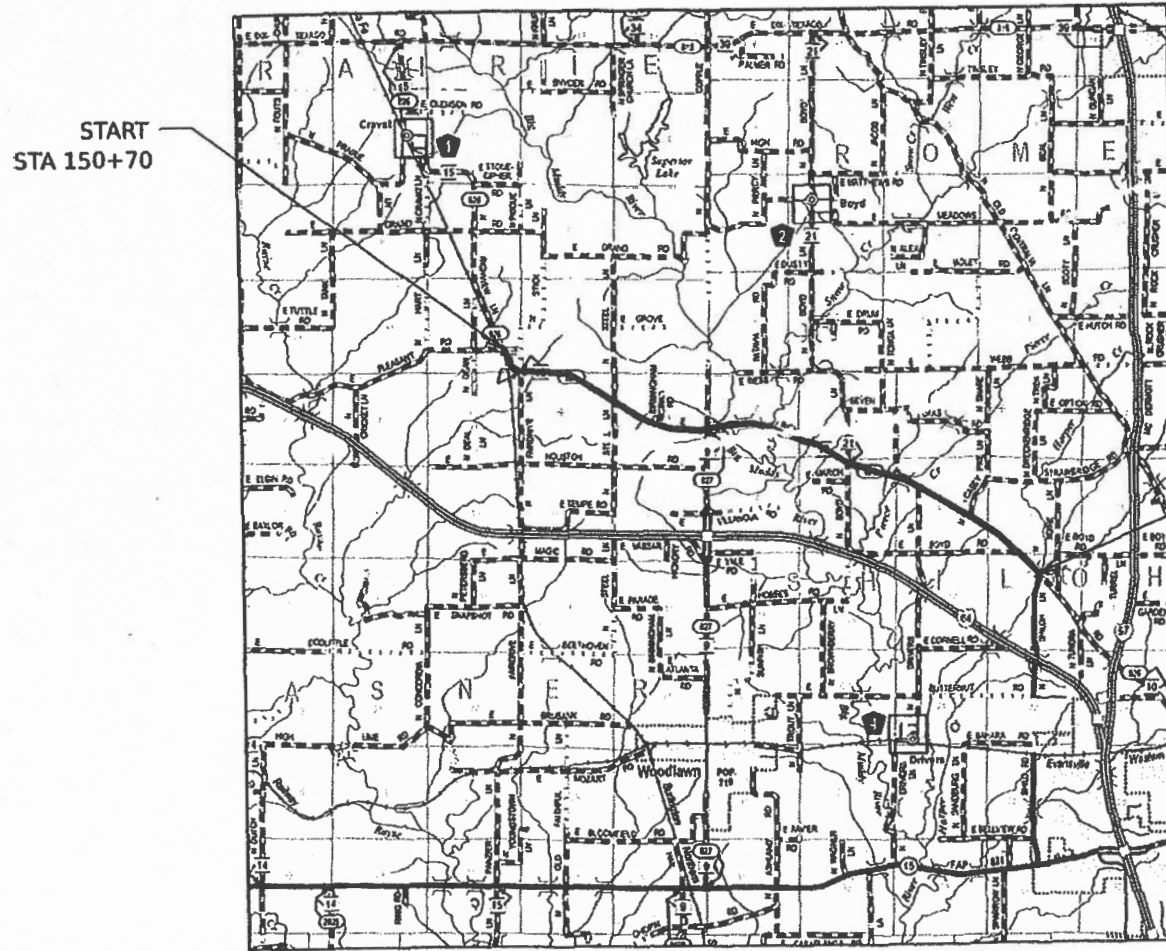
**PLANS FOR PROPOSED
FEDERAL-AID H.S.I.P. PROJECT**

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 TYPICAL SECTIONS
- 4-5 SUMMARY OF QUANTITIES
- 6-9 SCHEDULE OF QUANTITIES
- 10-15 ALIGNMENT, TIES, & CONTROL POINTS
- 16-39 PLAN AND PROFILE
- 40-51 PAVEMENT MARKING PLAN
- 52-56 CULVERT INFO STA 177+32
- 57-61 CULVERT INFO STA 221+64
- 62-239 CROSS SECTIONS

**FAS 826 (CH 10) RICHVIEW RD
SECTION 21-00226-00-RS
PROJECT 3RK5(479)
JEFFERSON COUNTY
JOB NO. C-99-007-23**

GRAND PRAIRIE TOWNSHIP (T1S R1E): SECTIONS 34 & 35
CASNER TOWNSHIP (T2S R1E): SECTIONS 1, 2, & 3
SHILOH TOWNSHIP (T2S R2E): SECTIONS 5, 6, 8, 9, 10, & 15



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 EXCAVATION
1-800-892-0123
OR 811

**PROJECT ENGINEER
PROJECT MANAGER**

CONTRACT NO. 99714

GROSS LENGTH = 34,680 FT = 6.57 MI
NET LENGTH = 34,680 FT = 6.57 MI



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *[Signature]* 7-13 20 23 P.E.
COUNTY ENGINEER

PASSED 7/13 20 23
DISTRICT NINE ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID
BASED ON LIMIT REVIEW 7/13 20 23
REGION FIVE ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

DATE: 7/13/2023

Hampton, Lenzini and Renwick, Inc.
Civil Engineers • Structural Engineers
Lead Surveyors • Environmental Services
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com
ILLINOIS PROFESSIONAL DESIGN FIRM L6 / PE / SE CORPORATION

EXPIRES: 11/30/2023 PROJECT NUMBER: 21.0720.330 DATE: 01/30/2023

GENERAL NOTES

GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE 2013 ILLINOIS URBAN MANUAL (IUM), THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2022 AND THE PLAN DETAILS AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2023.
2. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES. IT SHALL BE PRESENTED UPON REQUEST FROM ANY AUTHORIZED AGENT.
3. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
4. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
5. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
6. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER.
7. THE CONTRACTOR SHALL CLEAN UP AND GRADE THE WORK AREA AS THE PROJECT PROGRESSES TO ELIMINATE THE CONCENTRATION OF RUNOFF. THE PAVEMENT SHALL BE CLEANED DAILY TO REMOVE EARTH MATERIAL TO THE SATISFACTION OF THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK.
8. ALL TEMPORARY EROSION CONTROL MEASURES MUST BE MAINTAINED AND IMMEDIATELY REPLACED AS NEEDED AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL INSPECTION AND REPAIR. THE CONTRACTOR SHALL INSPECT AND COMPLETE MAINTENANCE OF ALL ITEMS A MINIMUM OF EVERY 7 DAYS AND WITHIN 24 HOURS OF A ONE-HALF INCH RAINFALL. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SEEDING IS ACHIEVED. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK.
9. REMOVAL OF TRAPPED SEDIMENT SHALL BE PAID FOR AS EARTH EXCAVATION. SEDIMENT SHALL BE REMOVED WHEN SILTATION REACHES 50% OF THE HEIGHT OF THE BARRIER.
10. TEMPORARY STOCKPILES OF MATERIAL MAY NOT BE LOCATED IN WETLANDS OR DRAINAGE SWALES OR ON THE LEVEE EMBANKMENT. THE LOCATION OF ANY TEMPORARY STOCKPILE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. STOCKPILES TO REMAIN IN PLACE MORE THAN THREE DAYS SHALL BE FURNISHED WITH EROSION & SEDIMENT CONTROL (I.E. PERIMETER EROSION BARRIER). STOCK PILES TO REMAIN IN PLACE FOR THIRTY DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK.
11. THE CONTRACTOR SHALL MAINTAIN AND PRESERVE ANY EXISTING SUB SURFACE DRAINAGE SYSTEMS (I.E. FIELD TILES) ACCORDING TO SECTION 611 OF THE STANDARD SPECIFICATIONS.
12. CLEANING OF VEHICLES AND EQUIPMENT SHALL BE PERFORMED IN A MANNER TO AVOID POLLUTANT DISCHARGE TO WETLANDS AND OPEN WATERS. IF THE CONTRACTOR PROPOSES TO USE AN ON-SITE WASHOUT LOCATION, THE CONTRACTOR SHALL SUBMIT A LOCATION AND DESIGN OF THE PROPOSED TEMPORARY CONCRETE WASHOUT FACILITY TO THE ENGINEER FOR APPROVAL AT LEAST 10 DAYS PRIOR TO THE FIRST POUR.
13. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION-LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
14. TEMPORARY SEEDING SHALL BE COMPLETED ON ALL AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH CONSTRUCTION WILL BE STOPPED FOR A PERIOD OF MORE THAN 14 CALENDAR DAYS. WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER SECTION 966-MET AND SHALL REMAIN IN PLACE. THE PROPOSED ALIGNMENT AND ALL STATIONS REFERRED TO IN THE PLANS AND PROPOSAL ARE DERIVED FROM THE ABOVE MENTIONED SECTION.

MAXIMUM PERCENT OF GRADE	+7.50 %
MINIMUM STOPPING SIGHT DISTANCE	570 FT
DESIGN SPEED	55 MPH
CURRENT ADT	1600 VPD, 1250 VPD
DESIGN ADT (20 YEAR)	1600 VPD, 1250 VPD

THE HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FT, MIX "C", N70 AND THE HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 SHALL EACH BE PLACED IN ONE LIFT WITH A MINIMUM THICKNESS OF 1-1/4".

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70, ALLOWS 192.5 TONS FOR SIDEROADS, 265.4 TONS FOR ENTRANCES, AND 247.4 TONS FOR MAILBOX TURNOUTS.

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR AGGREGATE WEDGE SHOULDERS, TYPE B, ALLOWS 1796 TONS FOR THE PLACEMENT OF AGGREGATE WEDGE SHOULDERS, TYPE B.

THE FOLLOWING RATES HAVE BEEN USED TO CALCULATE PLAN QUANTITIES:

AGGREGATE WEDGE SHOULDERS TYPE B	1.8 TONS / CU YD
HOT-MIX ASPHALT	112 LBS / (SQ YD/INCH)
BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS / SQ FT
RIPRAP	1.8 TONS / CU YD

HOT-MIX ASPHALT MIXTURES SHALL BE PG64-22 ASPHALT AND ACCORDING TO THE TABLE BELOW.

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
HMA SURFACE COURSE, IL-9.5FG, MIX "C", N70 (1-1/4")	PG 64-22	4.0% @ N=70	IL-9.5FG	MIXTURE C	QC/QA
HMA BINDER COURSE, IL-9.5FG, N70 (1 1/4")	PG 64-22	4.0% @ N=50	IL-9.5FG	N/A	QC/QA
HMA SHOULDERS (3 1/2" & 6")	PG 64-22	4.0% @ N=50	IL-19.0	N/A	QC/QA

IN-STREAM SESC NOTES

1. WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE AT OR BELOW THE NORMAL WATER ELEVATION.
2. THE PLAN MUST BE DESIGNED TO ALLOW FOR THE CONVEYANCE OF THE 2-YEAR PEAK FLOW PAST THE WORK AREA WITHOUT OVERTOPPING THE COFFERDAM. THE CORPS HAS THE DISCRETION TO REDUCE THIS REQUIREMENT IF DOCUMENTED BY THE APPLICANT TO BE INFEASIBLE OR UNNECESSARY.
3. WATER MUST BE ISOLATED FROM THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF NON-ERODABLE MATERIALS (STEEL SHEETS, AQUA BARRIERS, RIPRAP AND GEOTEXTILE LINER, ETC.), EARTHEN COFFERDAMS ARE NOT PERMISSIBLE.
4. THE COFFERDAM MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER THE WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, OTHER MEASURES, SUCH AS THE CONSTRUCTION OF A CAUSEWAY, WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE ISOLATED AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
5. IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE MUST BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE MUST BE RELEASED ONTO A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND MUST NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.
6. DURING DEWATERING OF THE COFFERED WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER MUST HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN. DISCHARGE WATER MAY NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.
7. IN-STREAM SOIL AND EROSION CONTROL WORK, INCLUDING INSTALLING COFFERDAMS, DEWATERING, FILTERING WATER, AND BYPASS PUMPING, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICES OF THE VARIOUS CULVERT PAY ITEMS WHICH MAY REQUIRE IN-STREAM SOIL AND EROSION CONTROL.
8. THE AREA FROM THE TOE TO THE TOP OF THE SIDE SLOPE MUST BE TEMPORARILY STABILIZED DURING CONSTRUCTION TO REDUCE THE POTENTIAL FOR EROSION. ALL AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES MUST BE RESTORED TO PROPOSED CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.

UTILITY CONTACT LIST

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1001 COMMERCE DRIVE
OAKBROOK, IL 60523
G11629@ATT.COM

COUNTRYMARK REFINING & LOGISTICS
6701 LOWER NEW HARMONY ROAD
MOUNT VERNON, IN 47620
JAMIE LYNN MARQUES, PMP
(812) 833-2598

FRONTIER COMMUNICATIONS
203 WEST UNION STREET
MARION, IL 62959
KALIN HINSHAW
(815) 895-1515

MARATHON PIPE LINE LLC
8762 US-51
VERNON, IL 62892
LONNIE MOORE
(832) 319-8398

CITY OF MOUNT VERNON
1100 MAIN STREET
MOUNT VERNON, IL 62864
BRAD RUBLE
(618) 242-6830

TRICOUNTY ELECTRIC COOPERATIVE
3906 BROADWAY
MOUNT VERNON, IL 62864
HEATHER RAWLS
(618) 244-5151 EXT. 243

VILLAGE OF WOODLAWN
202 S. CENTRAL
WOODLAWN, IL 62898
AARON WHEELER
(618) 231-3216

HIGHWAY STANDARDS

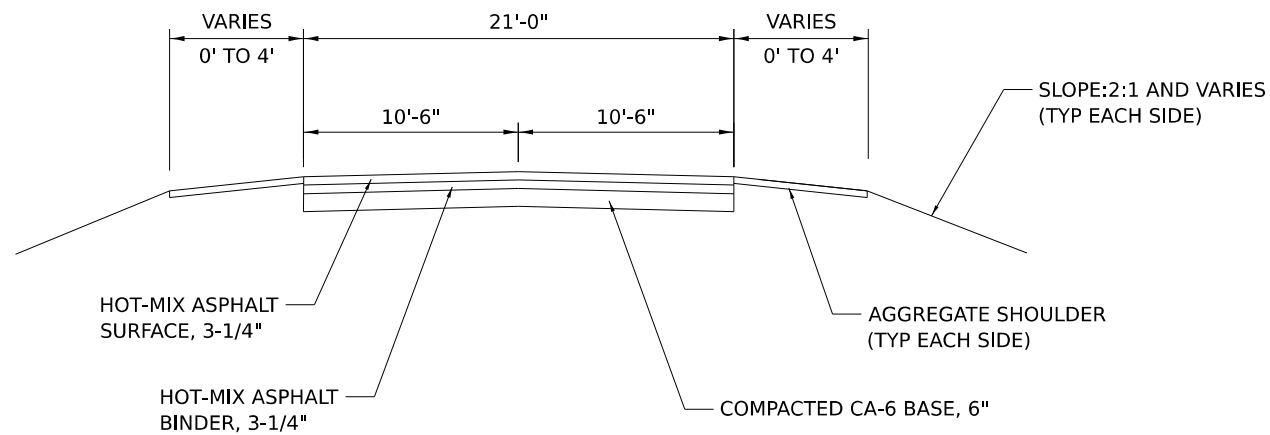
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
408201-01	MAILBOX TURNOUT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
630108-02	LONG-SPAN GUARDRAIL OVER CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
642008-01	SHOULDER RUMBLE STRIPS, 8 IN.
701008-05	OFF-RD OPERATIONS 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701316-13	LAND CLOSURE 2L, 2W, BRIDGE REPAIR, FOR SPEEDS ≥ 45 MPH
701336-07	LANE CLOSURE 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
780001-05	TYPICAL PAVEMENT MARKINGS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

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	USER NAME ■ ariegler	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RICHVIEW ROAD GENERAL NOTES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE ■ 2,0000' / in.	CHECKED - _____	REVISED - _____			826	21-00226-00-RS	JEFFERSON	239	2
PLOT DATE ■ 8/3/2023	DATE - _____	REVISED - _____	_____	SCALE: N.T.S.,...	SHEET ___ OF ___ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 99714			
						ILLINOIS FED. AID PROJECT				

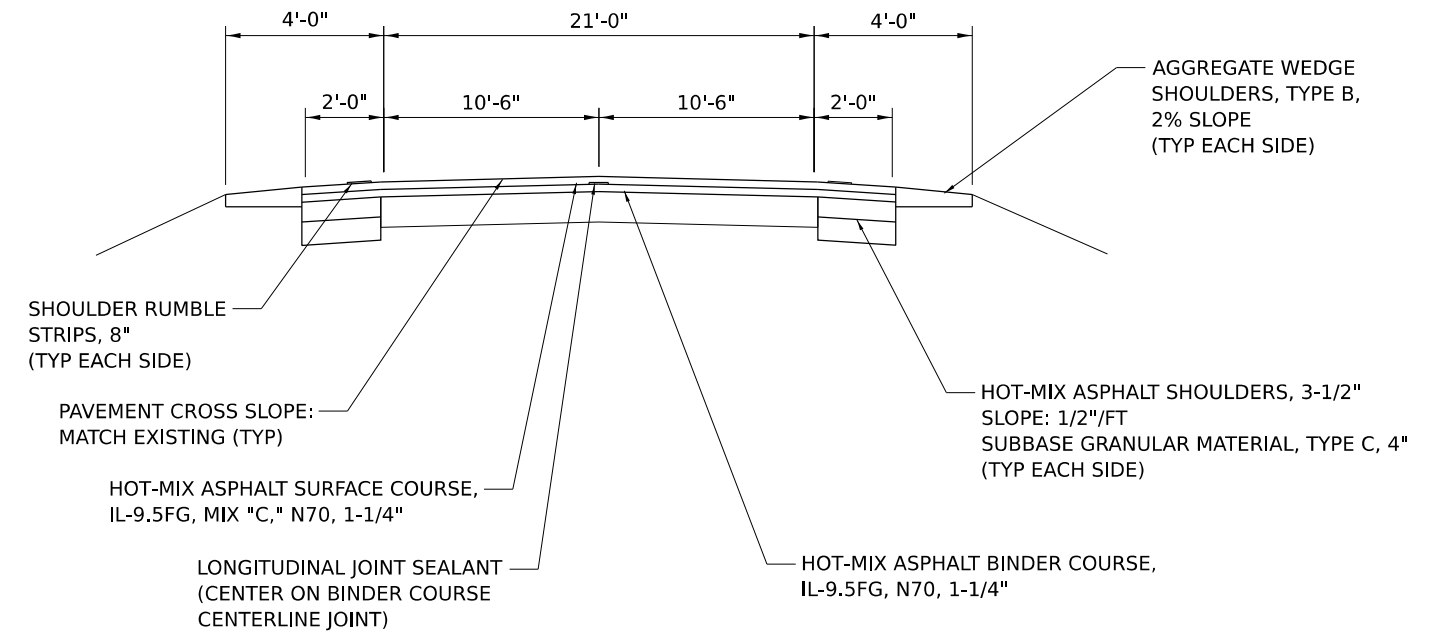
TYPICAL CROSS SECTION EXISTING

(STA 150+70 TO STA 497+50)



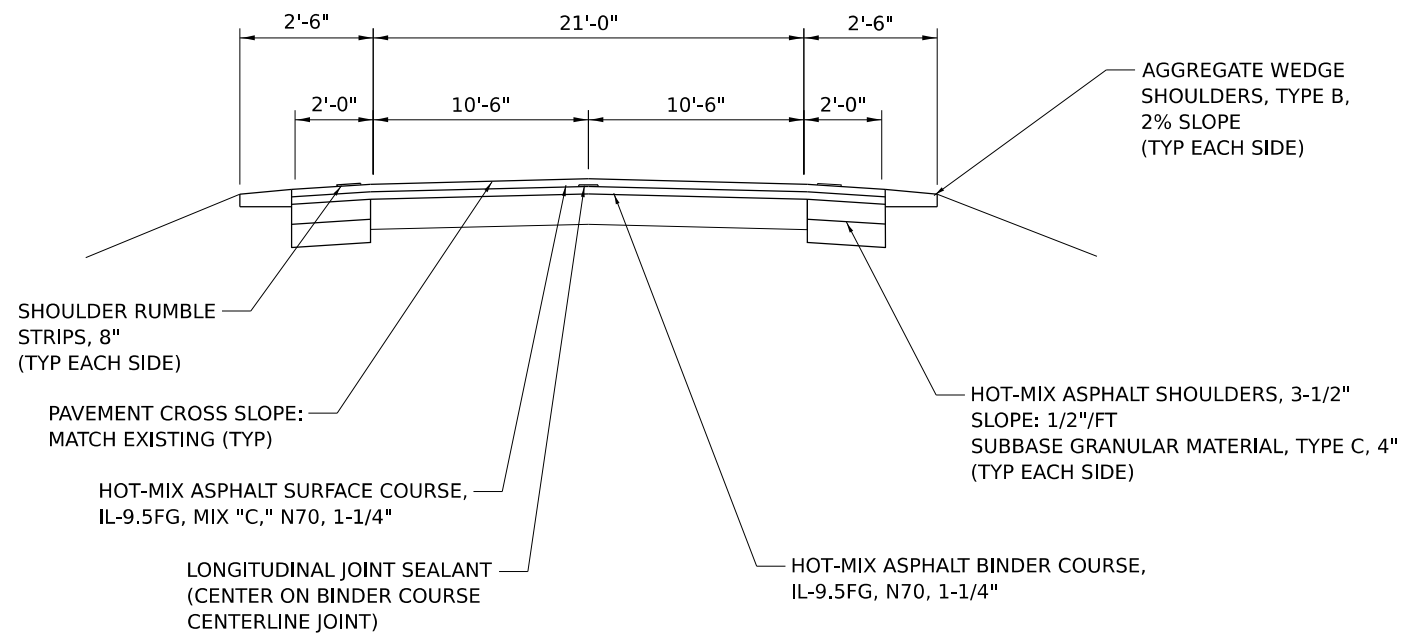
TYPICAL CROSS SECTION PROPOSED

(STA 226+93 TO STA 365+13)



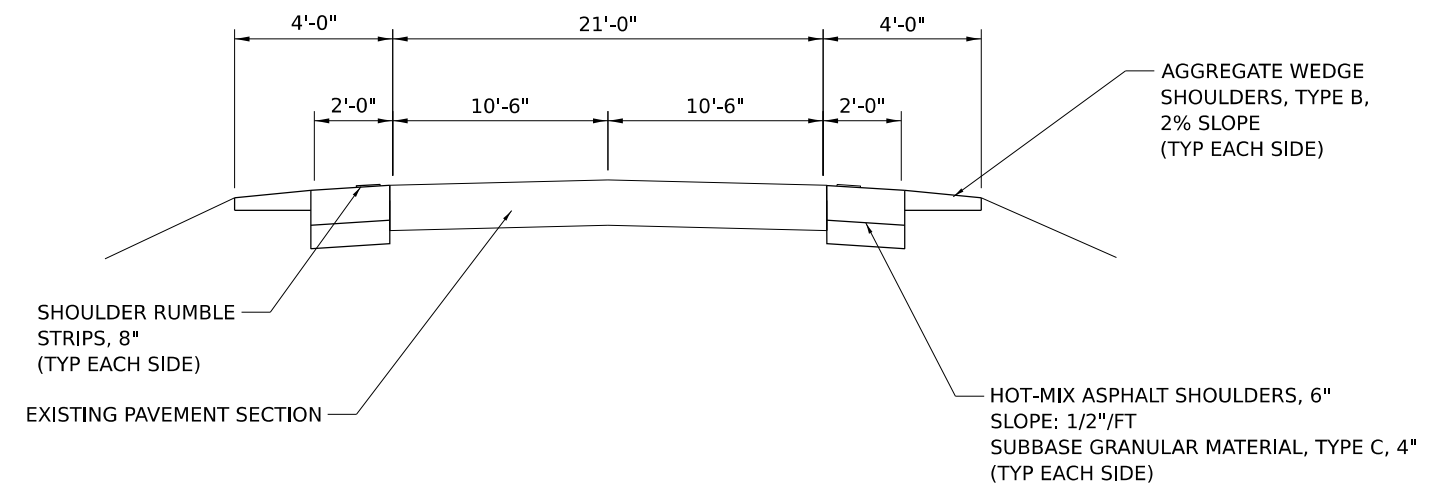
TYPICAL CROSS SECTION PROPOSED

(STA 150+70 TO STA 226+93)



TYPICAL CROSS SECTION PROPOSED

(STA 365+13 TO STA 497+50)



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<p>HAMPTON, LENZINI AND RENWICK, INC. 300 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000555</p>	USER NAME = ariegler	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RICHVIEW ROAD TYPICAL SECTIONS		F.A.S. RTE. _____	SECTION 21-00226-00-RS	COUNTY JEFFERSON	TOTAL SHEETS 239	SHEET NO. 3			
	PLOT SCALE = 2.0000' / in.	CHECKED - _____	REVISED - _____				SCALE: N.T.S. _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. _____		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/3/2023	DATE - _____	REVISED - _____											

SUMMARY OF QUANTITIES

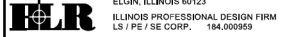
PAY ITEM NUMBER	CODE NO.	ITEM	UNIT	QUANTITIES		
				HSIP 0021 (90-10)	STR 0005 (80-20)	TOTAL QUANTITIES
# 1	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	0	72	72
# 2	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	0	50	50
3	20200100	EARTH EXCAVATION	CU YD	1,733	0	1,733
4	20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	683	0	683
5	20400800	FURNISHED EXCAVATION	CU YD	1,000	0	1,000
6	20700110	POROUS GRANULAR EMBANKMENT	TON	0	109	109
7	21400100	GRADING AND SHAPING DITCHES	FOOT	2,173	0	2,173
8	25000312	SEEDING, CLASS 4A	ACRE	4.75	0.00	4.75
9	25000314	SEEDING, CLASS 4B	ACRE	0.41	0.00	0.41
10	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	465	0	465
11	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	465	0	465
12	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	25,000	0	25,000
13	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	516	0	516
14	28100107	STONE RIPAP, CLASS A4	SQ YD	0	29	29
15	28200200	FILTER FABRIC	SQ YD	0	29	29
16	31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	3,036	0	3,036

#SPECIALTY ITEMS

PAY ITEM NUMBER	CODE NO.	ITEM	UNIT	QUANTITIES		
				HSIP 0021 (90-10)	STR 0005 (80-20)	TOTAL QUANTITIES
17	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	0	86	86
18	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	0	54,242	54,242
19	40600370	LONGITUDINAL JOINT SEALANT	FOOT	0	21,443	21,443
20	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	0	500	500
21	40600990	TEMPORARY RAMP	SQ YD	0	50	50
22	40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	660	3,510	4,170
23	40604002	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70	TON	660	4,206	4,866
24	48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	1,766	0	1,766
25	48203011	HOT-MIX ASPHALT SHOULDERS, 3 1/2"	SQ YD	9,432	0	9,432
26	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	5,750	0	5,750
27	50104400	CONCRETE HEADWALL REMOVAL	EACH	0	4	4
28	50800105	REINFORCEMENT BARS	POUND	0	4,190	4,190
29	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	0	256	256
30	54001001	BOX CULVERT END SECTIONS, CULVERT NO 1.	EACH	0	2	2
31	54001002	BOX CULVERT END SECTIONS, CULVERT NO 2.	EACH	0	2	2
32	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	0	2	2

#SPECIALTY ITEMS

MODEL Summary of Quantities 1
FILE NAME: P:\2021\210720\Car02 Design\CADD Sheets\210720-shschedules.dgn

 HAMPTON, LENZINI AND RENWICK, INC. 380 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000559	USER NAME = ariegler	DESIGNED - _____	REVISED - _____
	PLOT SCALE = 2.0000' / in.	DRAWN - _____	REVISED - _____
	PLOT DATE = 8/8/2023	CHECKED - _____	REVISED - _____
		DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: N.T.S. SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____		RICHVIEW ROAD SUMMARY OF QUANTITIES		F.A.S. RTE. 826	SECTION 21-00226-00-R5	COUNTY JEFFERSON	TOTAL SHEETS 239	SHEET NO. 4
						CONTRACT NO. 99714		
				ILLINOIS		FED. AID PROJECT		

SUMMARY OF QUANTITIES


PAY ITEM NUMBER	CODE NO.	ITEM	UNIT	QUANTITIES		
				HSIP 0021 (90-10)	STR 0005 (80-20)	TOTAL QUANTITIES
33	54248510	CONCRETE COLLAR	CU YD	0	9	9
34	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	0	21	21
35	60600605	CONCRETE CURB, TYPE B	FOOT	0	160	160
# 36	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	0	2,888	2,888
# 37	63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	0	150	150
# 38	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	0	8	8
# 39	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	0	14	14
40	63200310	GUARDRAIL REMOVAL	FOOT	0	1,164	1,164
41	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	63,177	0	63,177
42	67100100	MOBILIZATION	L SUM	0.4	0.6	1.0
43	70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	0	2	2
44	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	0.4	0.6	1.0
45	70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	0.4	0.6	1.0
46	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	32	48	80
47	70300100	SHORT TERM PAVEMENT MARKING	FOOT	0	4,289	4,289
48	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	0	1,430	1,430

#SPECIALTY ITEMS

PAY ITEM NUMBER	CODE NO.	ITEM	UNIT	QUANTITIES		
				HSIP 0021 (90-10)	STR 0005 (80-20)	TOTAL QUANTITIES
# 49	72000100	SIGN PANEL - TYPE 1	SQ FT	176	0	176
50	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	50	0	50
51	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	0	14	14
# 52	72900100	METAL POST - TYPE A	FOOT	430	0	430
# 53	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	0	95,130	95,130
54	X0325893	CLEAN EXISTING END SECTION	EACH	0	5	5
55	X0326697	CENTER LINE - RUMBLE STRIP - 8"	FOOT	2,566	0	2,566
56	X0358300	REMOVE AND RELAY END SECTIONS	EACH	0	18	18
57	X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURE	SQ YD	0	21	21
58	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	0	1,063	1,063
59	X5500458	STORM SEWER 18" (SPECIAL)	FOOT	0	20	20
60	X5510008	STORM SEWER REPAIR	FOOT	0	150	150
# 61	X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	0	135	135
62	XX006821	CONCRETE TRUCK WASHOUT	L SUM	0	1	1
63	XX008385	CONCRETE REMOVAL (SPECIAL)	EACH	0	2	2

#SPECIALTY ITEMS

MODEL Summary of Quantities 1
FILE NAME: P:\2021\210720\Card02 Design\CADD Sheets\210720-shschedules.dgn

 HAMPTON, LENZINI AND RENWICK, INC. <small>380 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM L.S./P.E./S.E. CORP. 184.000559</small>	USER NAME = ariegler	DESIGNED - _____	REVISED - _____
	PLOT SCALE = 2.0000' / in.	DRAWN - _____	REVISED - _____
	PLOT DATE = 8/8/2023	CHECKED - _____	REVISED - _____
		DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD SUMMARY OF QUANTITIES		F.A.S. RTE. 826	SECTION 21-00226-00-R5	COUNTY JEFFERSON	TOTAL SHEETS 239	SHEET NO. 5
SCALE: _____		SHEET _____ OF _____ SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 99714
ILLINOIS FED. AID PROJECT						

SCHEDULE OF MAILBOX TURNOUTS

STA	LOCATION	HMA SURFACE (TONS)	AGG SURFACE (TONS)
151+83.00	LT	6.31	0.75
195+58.00	RT	9.24	1.29
201+75.00	LT	5.52	1.03
201+76.00	RT	2.99	0.00
210+73.00	RT	7.27	0.97
218+42.00	RT	7.67	1.69
223+52.00	LT	6.10	1.03
229+44.00	LT	7.60	0.95
247+32.00	LT	4.49	0.00
255+49.00	LT	5.66	1.10
257+22.00	LT	7.94	0.91
260+15.00	LT	6.66	0.00
267+23.00	LT	8.11	1.06
270+22.00	LT	4.18	0.00
335+51.00	RT	10.18	1.11
339+43.00	LT	5.83	1.03
340+52.00	LT	6.68	1.48
345+28.00	RT	7.98	0.00
349+14.00	RT	5.28	1.08
351+43.00	LT	9.34	1.81
352+34.00	LT	6.31	1.24
359+37.00	RT	5.51	0.00
374+66.00	LT	6.10	1.07
376+04.00	LT	5.10	0.89
381+49.00	LT	3.86	0.91
408+85.00	LT	27.02	5.98
432+61.00	LT	12.97	2.19
452+52.00	LT	9.14	0.93
467+35.00	LT	6.48	0.79
470+71.00	LT	4.18	0.00
472+31.00	LT	11.00	1.58
489+96.00	LT	9.86	1.64
TOTAL		242.53	34.50

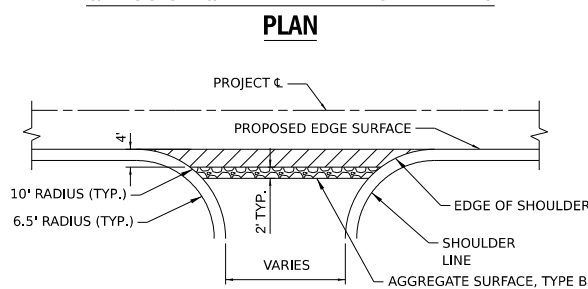
NOTE: THE TONNAGE SHOWN ABOVE FOR MAILBOX TURNOUTS SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70 AND IS INCLUDED IN THE TOTAL TONNAGE IN THE SUMMARY OF QUANTITIES. TURNOUTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 406201-01.

PAVEMENT MARKING SCHEDULE

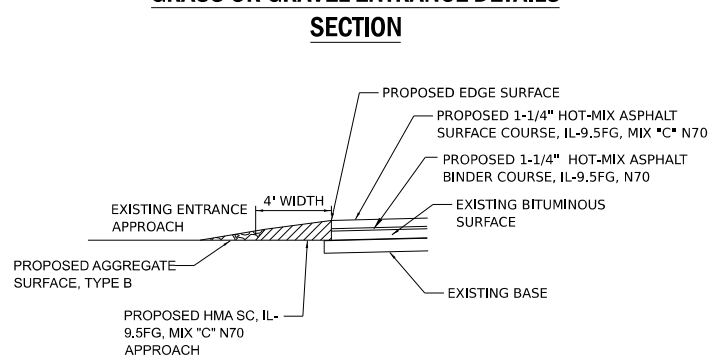
LOCATION		THERMOPLASTIC PAVEMENT MARKING - LINE 4"						
START STA	END STA	LOCATION	SOLID		SKIP DASH		DOUBLE YELLOW	
			WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
LENGTH (FT)	LENGTH (FT)	LENGTH (FT)	LENGTH (FT)	LENGTH (FT)	LENGTH (FT)	LENGTH (FT)	LENGTH (FT)	LENGTH (FT)
EDGE LINES								
150+70	151+07	EOP RT	37					
151+80	168+71	EOP RT	1,691					
169+82	226+54	EOP RT	5,672					
227+43	281+55	EOP RT	5,412					
283+13	365+15	EOP RT	8,202					
365+15	366+63	EOP RT	148					
367+37	409+32	EOP RT	4,195					
410+25	477+39	EOP RT	6,714					
478+29	494+87	EOP RT	1,658					
494+87	496+03	EOP RT			29			
496+03	496+49	EOP RT	46					
496+49	497+04	EOP RT			14			
497+04	497+50	EOP RT	46					
Shiloh W Return	EOP RT	37						
150+70	225+64	EOP LT	7,494					
226+57	252+20	EOP LT	2,563					
252+75	282+15	EOP LT	2,940					
282+85	365+15	EOP LT	8,230					
365+15	366+04	EOP LT	89					
N Boyd W Return	EOP LT	63						
N Boyd E Return	EOP LT	78						
367+27	394+51	EOP LT	2,724					
395+47	442+98	EOP LT	4,751					
443+83	497+50	EOP LT	5,367					
CENTER LINES								
150+70	156+15	CL				136		
176+57	204+72	CL				704		
229+82	244+25	CL				361		
264+47	274+27	CL				245		
291+48	301+90	CL				261		
311+95	325+74	CL				345		
343+97	365+15	CL				530		
365+15	391+95	CL				670		
415+33	497+50	CL				2,054		
156+15	159+68	CL SR/DL	353			88		
204+72	213+55	CL SR/DL	883			221		
274+27	276+26	CL SR/DL	199			50		
301+90	303+55	CL SR/DL	165			41		
325+74	334+75	CL SR/DL	901			225		
391+95	395+29	CL SR/DL	334			84		
170+01	176+57	CL DR/SL	656			164		
226+27	229+82	CL DR/SL	355			89		
244+25	250+84	CL DR/SL	659			165		
260+57	264+47	CL DR/SL	390			98		
287+47	291+48	CL DR/SL	401			100		
310+29	311+95	CL DR/SL	166			42		
335+02	343+97	CL DR/SL	895			224		
408+27	415+33	CL DR/SL	706			177		
159+68	170+01	CL					2,066	
213+55	226+27	CL					2,544	
250+84	260+57	CL					1,946	
276+26	287+47	CL					2,242	
303+55	310+29	CL					1,348	
334+75	335+02	CL					54	
395+29	408+27	CL					2,596	
TOTALS			68,157	7,063	43	7,071	12,796	

SCHEDULE OF QUANTITIES

GRASS OR GRAVEL ENTRANCE DETAILS



GRASS OR GRAVEL ENTRANCE DETAILS



NOTE: THE 4' AREA FROM THE EDGE OF SURFACE, AS SHOWN ABOVE, SHALL BE HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70 FOR THE PRIVATE ENTRANCES AND THE FIELD ENTRANCES. THIS QUANTITY IS INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70.

SCHEDULE OF SHOULDER ITEMS

STATION	STATION	LOCATION	AGG (TON)	SGM, TYP C (TON)	RUMBLE STRIP (FOOT)	3.5" SHOULDER (SQ YD)	6.0" SHOULDER (SQ YD)
OVERLAY							
150+70.00	151+09.00	RT	0.7	1.7	39.0	8.67	
151+77.00	168+77.00	RT	24.9	69.9	1700.0	349.56	
169+69.00	226+57.00	RT	83.7	252.8	5288.4	1264.00	
227+41.00	281+57.00	RT	157.1	240.7	4967.0	1203.56	
Woodawn Return	RT		5.0	7.1	0.0	35.33	
283+11.00	365+13.24	RT	238.7	364.5	7780.5	1822.72	
150+70.00	225+65.00	LT	25.2	74.7	7151.4	373.33	
226+53.00	252+23.00	LT	73.9	114.2	2328.0	571.11	
252+73.00	282+18.00	LT	79.8	130.9	2516.6	654.44	
282+82.00	365+13.24	LT	231.9	365.8	7574.8	1829.16	
SHOULDER ONLY							
365+13.24	366+68.00	RT	4.5	6.9	146.8	34.39	
367+34.00	409+34.00	RT	125.0	186.7	3958.0	933.33	
410+25.00	477+39.00	RT	202.0	298.4	6393.9	1492.00	
478+29.00	495+13.00	RT	52.7	74.8	1639.9	374.22	
496+99.00	497+50.00	RT	1.6	2.3	51.0	11.33	
365+13.24	366+12.00	LT	2.8	4.4	90.9	21.95	
N Boyd Return	LT		4.1	5.6	0.0	28.22	
367+30.00	394+54.00	LT	76.7	121.1	2426.2	605.33	
395+45.00	442+98.00	LT	134.8	211.2	4267.6	1056.22	
443+83.00	497+50.00	LT	151.4	238.5	4856.7	1192.67	
TOTALS			1676.6	2772.3	63176.7	8111.9	5749.7

THE ABOVE QUANTITIES ARE FOR THE ENTIRE SECTION AND ARE INCLUDED IN THE QUANTITY FOR AGGREGATE WEDGE SHOULDERS, TYPE B, SUBBASE GRANULAR MATERIAL, TYPE C, SHOULDER RUMBLE STRIPS, 8 INCH, HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70, HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70, HOT-MIX ASPHALT SHOULDERS, 3 1/2", AND HOT-MIX ASPHALT SHOULDERS, 6" IN THE SUMMARY OF QUANTITIES.

*TOTAL QUANTITY SHOWN FOR RUMBLE STRIPS INCLUDES OMISSIONS FOR FIELD AND PRIVATE ENTRANCES (2,629 FT) AND MAILBOX TURNOUTS (2,227 FT)

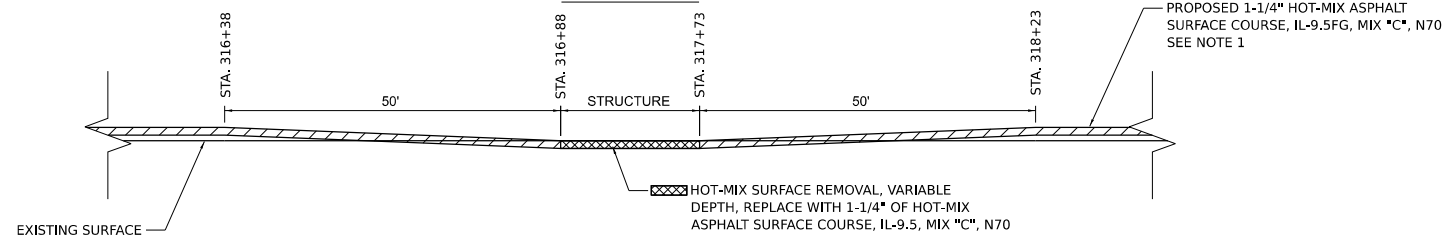
SCHEDULE OF FIELD & PRIVATE ENTRANCES

START STATION	END STATION	LOCATION	SEGMENT	TYPE	MATERIAL	AREA (SF)	HMA SURFACE (TON)	AGG SURFACE (TON)
155+39	155+52	LT	NORTH	FE	GRASS	53.4	1.5	
168+82	168+98	LT	NORTH	FE	GRAVEL/GRASS	63.6	1.8	0.6
178+15	178+42	RT	NORTH	PE	GRAVEL	125.2	3.5	1.3
179+68	179+92	RT	NORTH	PE	GRAVEL	105.6	3.0	1.2
181+42	181+71	LT	NORTH	PE	GRAVEL	125.4	3.5	1.4
184+29	184+43	RT	NORTH	FE	GRASS	76.0	2.1	
195+12	195+28	LT	NORTH	FE	GRASS	65.0	1.8	
209+98	210+13	RT	NORTH	FE	GRASS	59.0	1.7	
213+69	213+82	LT	NORTH	FE	GRASS	70.8	2.0	
214+14	214+27	RT	NORTH	FE	GRASS	53.6	1.5	
218+36	218+51	LT	NORTH	FE	GRASS	70.6	2.0	
225+38	225+57	LT	NORTH	PE	GRAVEL	110.8	3.1	1.1
227+01	227+30	LT	NORTH	PE	BIT	125.6	3.5	
229+09	229+40	RT	PHASE 3	PE	GRAVEL	105.4	3.0	1.1
231+64	231+85	LT	PHASE 3	FE	GRASS	70.6	2.0	
235+99	236+30	RT	PHASE 3	PE	GRAVEL	110.0	3.1	1.2
239+39	239+78	RT	PHASE 3	FE	DIRT/GRASS	139.6	3.9	
243+73	243+95	LT	PHASE 3	FE	GRASS	74.8	2.1	
246+54	246+92	LT	PHASE 3	PE	GRAVEL	134.2	3.8	1.5
247+20	247+53	RT	PHASE 3	PE	GRAVEL	121.0	3.4	1.3
248+48	248+78	RT	PHASE 3	FE	GRASS	104.2	2.9	
249+36	249+62	RT	PHASE 3	FE	GRASS	82.6	2.3	
252+24	252+53	RT	PHASE 3	PE	GRASS	111.8	3.1	
255+30	255+80	RT	PHASE 3	PE	GRAVEL	180.6	5.1	2.0
256+86	257+12	RT	PHASE 3	PE	GRAVEL	93.6	2.6	1.0
257+79	258+02	RT	PHASE 3	PE	GRAVEL	80.8	2.3	0.8
259+50	259+90	RT	PHASE 3	PE	GRAVEL	140.2	3.9	1.5
267+45	267+69	RT	PHASE 3	FE	GRASS	85.0	2.4	
269+88	270+20	RT	PHASE 3	PE	GRAVEL	115.6	3.2	1.3
271+84	272+19	RT	PHASE 3	PE	GRAVEL	127.4	3.6	1.4
272+22	272+73	LT	PHASE 3	FE	GRAVEL	190.0	5.3	2.1
279+16	279+74	LT	PHASE 2	PE	BIT	201.6	5.6	
290+65	291+11	LT	PHASE 2	FE	GRASS/BIT	150.4	4.2	
293+90	294+23	LT	PHASE 2	FE	GRASS/BIT	121.8	3.4	
303+41	303+68	LT	PHASE 2	FE	GRAVEL	97.0	2.7	1.0
303+42	303+74	RT	PHASE 2	FE	GRAVEL	113.6	3.2	1.2
304+39	304+61	LT	PHASE 2	FE	GRASS	76.8	2.2	
308+37	308+63	LT	PHASE 2	FE	GRASS	90.6	2.5	
315+63	315+93	LT	PHASE 2	FE	GRASS	93.2	2.6	
318+49	318+80	LT	PHASE 2	FE	GRASS	110.6	3.1	
323+43	323+91	LT	PHASE 2	PE	GRAVEL	182.0	5.1	2.1
324+22	324+53	RT	PHASE 2	FE	GRASS	120.0	3.4	
333+55	333+82	LT	PHASE 2	FE	GRASS	94.2	2.6	
335+70	336+27	LT	PHASE 2	FE	GRASS	124.2	3.5	
351+68	352+07	RT	PHASE 2	PE	GRAVEL/GRASS	134.4	3.8	1.4
357+34	357+67	RT	PHASE 2	FE	GRASS	115.4	3.2	
359+04	359+35	LT	PHASE 2	FE	GRASS	110.6	3.1	
360+85	361+21	RT	PHASE 2	FE	GRAVEL/GRASS	131.2	3.7	1.5
364+72	365+05	LT	PHASE 2	PE	GRAVEL	112.4	3.1	1.1
368+77	369+06	LT	PHASE 1	PE	GRASS	102.0	2.9	
368+96	369+21	RT	PHASE 1	FE	GRASS	75.0	2.1	

SCHEDULE OF QUANTITIES

SURFACE REMOVAL TRANSITION DETAIL

SN 041-3162
STA. 316+88



- THE HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, SHALL EXTEND ACROSS THE ENTIRE LENGTH AND WIDTH OF THE BRIDGE. THE HOT-MIX ASPHALT SURFACE REMOVAL SHALL TRANSITION FROM 0" AT STA. 316+88 TO 3" AT STA. 317+38 AND FROM 3" AT STA. 317+23 TO 0" AT STA. 317+73.

SCHEDULE OF SURFACE REMOVAL - VARIABLE DEPTH

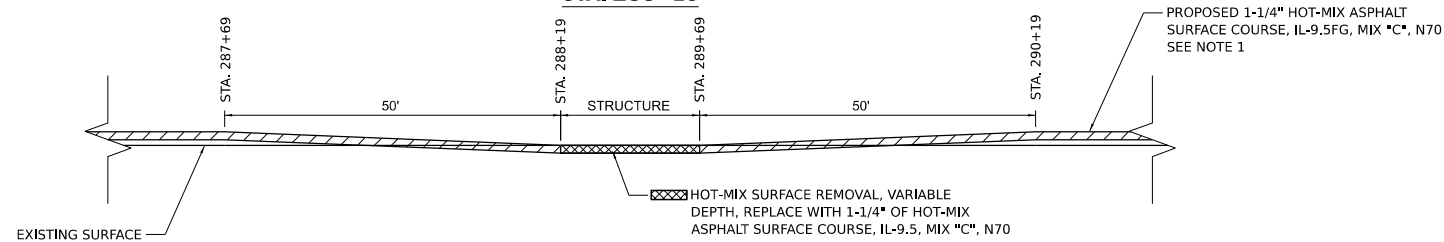
STATION TO	STATION	LENGTH	WIDTH	AREA (SQ YD)
316+38	318+23	185'	22'	452.22

TOTAL (SQ YD) = 452.22

THE ABOVE QUANTITY IS INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH IN THE SUMMARY OF QUANTITIES.

SURFACE REMOVAL TRANSITION DETAIL

SN 041-3164
STA. 288+19



- THE HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH, SHALL EXTEND ACROSS THE ENTIRE LENGTH AND WIDTH OF THE BRIDGE. THE HOT-MIX ASPHALT SURFACE REMOVAL SHALL TRANSITION FROM 0" AT STA. 287+69 TO 1" AT STA. 288+19 AND FROM 1" AT STA. 289+69 TO 0" AT STA. 290+19.

SCHEDULE OF SURFACE REMOVAL - VARIABLE DEPTH

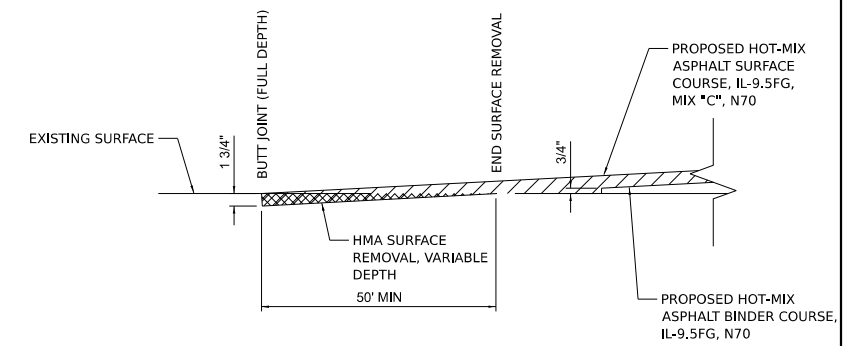
STATION TO	STATION	LENGTH	WIDTH	AREA (SQ YD)
287+69	290+19	250'	22'	611.11

TOTAL (SQ YD) = 611.11

THE ABOVE QUANTITY IS INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH IN THE SUMMARY OF QUANTITIES.

SIGNING SCHEDULE				SIGN PANEL		REMOVE
LOCATION				PROPOSED	TYPE 1	
STATION	SIGN	AREA	SQ FT	FOOT	SQ FT	
153+31.40	Curve	W1-2 30 X 30				6.25
153+95.00	Road Narrows	W5-1 36 X 36	9.00	10.00		
159+00.00	Curve	W1-2 30 X 30	6.25	10.00		
159+00.00	35 mph	W13-1P 18 X 18	2.25			
160+18.00	Chevrons	W1-8 18 X 24	3.00	10.00		
160+98.00	Chevrons	W1-8 18 X 24	3.00	10.00		
161+78.00	Chevrons	W1-8 18 X 24	3.00	10.00		
162+06.90	Chevrons	W1-9 19 X 24				3.00
162+58.00	Chevrons	W1-8 18 X 24	3.00	10.00		
163+38.00	Chevrons	W1-8 18 X 24	3.00	10.00		
164+18.00	Chevrons	W1-8 18 X 24	3.00	10.00		
164+27.29	Chevrons	W1-8 18 X 24				3.00
164+98.00	Chevrons	W1-8 18 X 24	3.00	10.00		
165+78.00	Chevrons	W1-8 18 X 24	3.00	10.00		
166+58.00	Chevrons	W1-8 18 X 24	3.00	10.00		
166+72.66	Chevrons	W1-8 18 X 24				3.00
167+38.00	Chevrons	W1-8 18 X 24	3.00	10.00		
168+18.00	Chevrons	W1-8 18 X 24	3.00	10.00		
168+54.40	Chevrons	W1-8 18 X 24				3.00
171+40.00	Curve	W1-2 30 X 30	6.25	10.00		
171+40.00	35 mph	W13-1P 18 X 18	2.25			
178+12.93	Curve	W1-2 30 X 30				6.25
269+28.66	Reverse Curve Warning	W1-4 30 X 30				6.25
274+27.00	No Passing Zone	W14-3 40 X 40 X 30	4.17	10.00		
275+27.00	Reverse Curve Warning	W1-4 30 X 30	6.25	10.00		
275+27.00	40 mph	W13-1P 18 X 18	2.25			
276+77.00	Chevrons	W1-8 18 X 24	3.00	10.00		
277+57.00	Chevrons	W1-8 18 X 24	3.00	10.00		
278+37.00	Chevrons	W1-8 18 X 24	3.00	10.00		
279+17.00	Chevrons	W1-8 18 X 24	3.00	10.00		
279+97.00	Chevrons	W1-8 18 X 24	3.00	10.00		
280+77.00	Chevrons	W1-8 18 X 24	3.00	10.00		
281+57.00	Chevrons	W1-8 18 X 24	3.00	10.00		
282+97.00	Chevrons	W1-8 18 X 24	3.00	10.00		
283+77.00	Chevrons	W1-8 18 X 24	3.00	10.00		
284+57.00	Chevrons	W1-8 18 X 24	3.00	10.00		
285+37.00	Chevrons	W1-8 18 X 24	3.00	10.00		
286+17.00	Chevrons	W1-8 18 X 24	3.00	10.00		
286+97.00	Chevrons	W1-8 18 X 24	3.00	10.00		
290+48.13	Reverse Curve Warning	W1-4 30 X 30	6.25	10.00	6.25	
291+48.00	No Passing Zone	W14-3 40 X 40 X 30	4.17	10.00		
301+42.79	Curve	W1-2 30 X 30				6.25
301+90.00	No Passing Zone	W14-3 40 X 40 X 30	4.17	10.00		
302+90.00	Curve	W1-2 30 X 30	6.25	10.00		
302+90.00	45 mph	W13-1P 18 X 18	2.25			
304+19.00	Chevrons	W1-8 18 X 24	3.00	10.00		
304+99.00	Chevrons	W1-8 18 X 24	3.00	10.00		
305+79.00	Chevrons	W1-8 18 X 24	3.00	10.00		
306+59.00	Chevrons	W1-8 18 X 24	3.00	10.00		
307+39.00	Chevrons	W1-8 18 X 24	3.00	10.00		
308+19.00	Chevrons	W1-8 18 X 24	3.00	10.00		
308+99.00	Chevrons	W1-8 18 X 24	3.00	10.00		
310+95.00	Curve	W1-2 30 X 30	6.25	10.00		
310+95.00	45 mph	W13-1P 18 X 18	2.25			
311+95.00	No Passing Zone	W14-3 40 X 40 X 30	4.17	10.00		
316+09.62	Curve	W1-2 30 X 30				6.25
494+25.00	Road Narrows	W5-1 36 X 36	9.00	10.00		
			176.43	430.00	49.50	

BUTT JOINT DETAIL



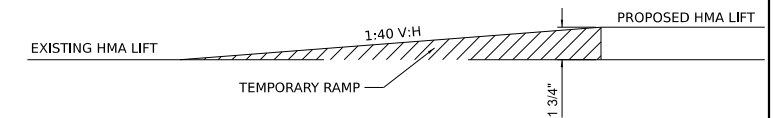
SCHEDULE OF SURFACE REMOVAL - BUTT JOINT

STATION TO	STATION	LENGTH	WIDTH	AREA (SQ YD)
*	*	50'	22'	122.2
*	*	50'	22'	122.2
*	*	50'	22'	122.2
*	*	50'	22'	122.2

TOTAL (SQ YD) = 488.8

THE ABOVE QUANTITY IS INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT IN THE SUMMARY OF QUANTITIES.

TEMPORARY RAMP DETAIL



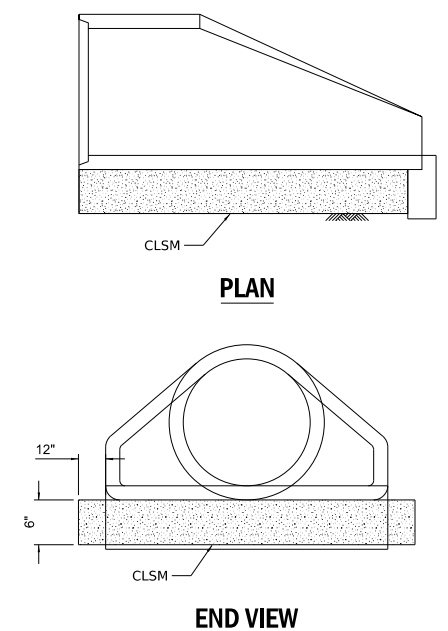
SCHEDULE OF TEMPORARY RAMPS

STATION TO	STATION	LENGTH	WIDTH	AREA (SQ YD)
*	*	6'	22'	14.6
*	*	6'	22'	14.7

TOTAL (TON) = 29.3

THE ABOVE QUANTITY IS INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT IN THE SUMMARY OF QUANTITIES.

REMOVE AND RELAY END SECTION DETAIL



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-R5	JEFFERSON	239	7

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

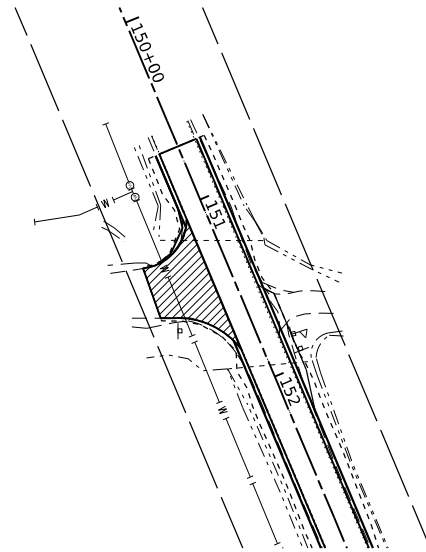
RICHVIEW ROAD
SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET ___ OF ___ SHEETS STA. ___ TO STA. ___

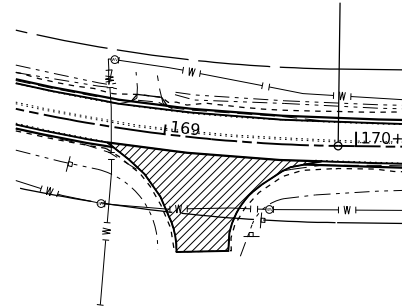
ILLINOIS FED. AID PROJECT

USER NAME	DESIGNED	REVISED
= ariegler	-	-
DRAWN	CHECKED	DATE
-	-	-
PLOT SCALE	DATE	REVISED
= 2.0000' / in.	-	-
PLOT DATE	DATE	REVISED
= 7/7/2023	-	-

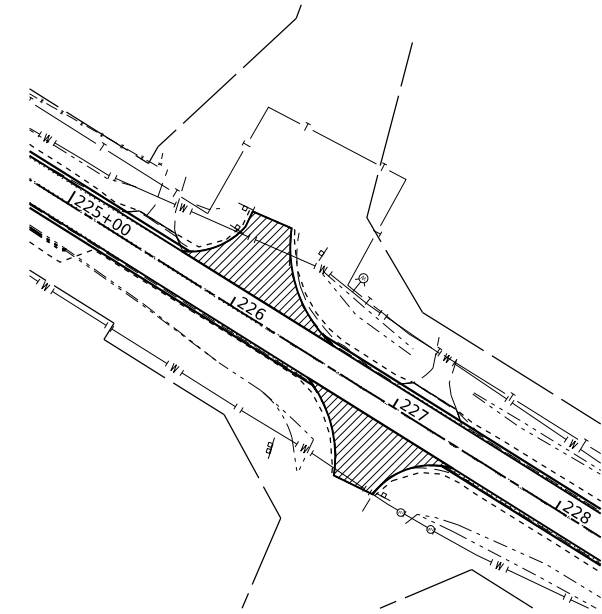
E PLEASANT RD
INTERSECTION
STA 151+45.00 RT



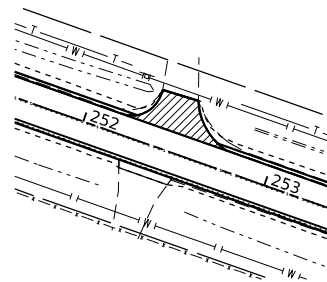
N FAIRDRIVE LN
INTERSECTION
STA 169+22.00 RT



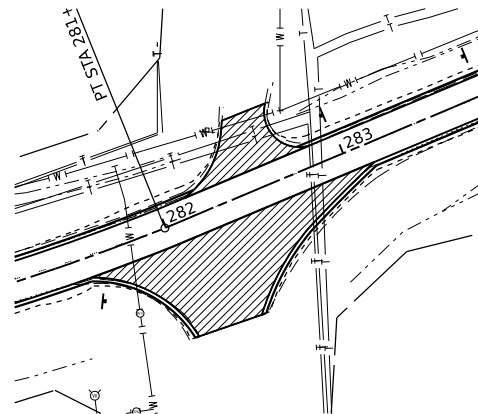
N STEEL LN
INTERSECTION
STA 226+07.00 LT
STA 226+97.00 RT



N BIRMINGHAM LN
INTERSECTION
STA 252+50.00 LT



COUNTY RD 600 E
INTERSECTION
STA 282+23.00 RT
STA 282+44.00 LT



SCHEDULE OF SIDE ROADS

STATION	LOCATION	AREA (SQ YD)	HMA SURFACE (TON)
151+45	RT	140.56	19.68
169+22	RT	251.67	35.23
226+07	LT	188.11	26.34
226+97	RT	172.00	24.08
252+50	LT	64.22	8.99
282+23	RT	444.00	62.16
282+44	LT	114.22	15.99

TOTAL (TONS) = 192.47

NOTE: QUANTITY SHOWN SHALL BE INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70

MODEL: Schedule.mxd, Misc 3
FILE NAME: P:\2021\12\20\CAD\02 Design\CADD_Sheets\1210720\hbschedule.dgn

HAMPTON, LENZINI AND RENWICK, INC.
380 SHEPHERD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 194-000559

USER NAME = ariegler	DESIGNED - _____	REVISED - _____
PLOT SCALE = 99.9998" / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 7/7/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD SCHEDULE OF QUANTITIES			
SCALE: _____	SHEET ____	OF ____ SHEETS	STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	.8
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DRAINAGE SCHEDULE

Station	Size	Type	Material	US Invert	DS Invert	Length	Slope	Porous Granular Embankment (Ton)	Stone Riprap, Class A4 (Sq Yd)	Filter Fabric (Sq Yd)	Reinforcement Bars (Pound)	Box Culvert End Sections, Culvert No. 1 (Each)	Box Culvert End Section, Culvert No. 2 (Each)	Precast Reinforced Concrete Flared End Sections 18"	Concrete Collar (Cu Yd)	Geocomposite Wall Drain (Sq Yd)	Clean Existing End Section (Each)	Remove and Relay End Sections (Each)	Membrane Waterproofing System for Buried Structures (Sq Yd)	Storm Sewer 18" (Special) (Foot)	Storm Sewer Repair (Foot)	Concrete Removal (Special) (Each)	
151+23	24"	Pipe		528.15	526.78	54.8	2.5%											2					
174+39	18"	Pipe	RCP	525.46	522.73	56.9	4.8%											2			10		
177+32	5'x3'	Box	Concrete	520.74	519.97	31.7	2.4%	46	13	13	1,980	2			4	8			8			1	
206+10	18"	Pipe	RCP	542.28	541.55	55.2	1.3%											2			10		
221+64	6'x3'	Box	Concrete	525.88	525.54	35.4	1.0%	63	16	16	2,210		2		5	13			13			1	
241+32	30"	Pipe	RCP	546.70	545.11	81.5	2.0%										1						
244+17	24"	Pipe	RCP	546.21	541.24	93.8	5.3%											1			15		
304+07	10'x5'	Box	Concrete														1						
342+30	54"	Pipe	RCP	466.21	463.62	117.9	2.2%											1			15		
354+31	36"	Pipe	RCP	481.20	480.24	77.1	1.2%											1					
366+66	18"	Pipe	RCP														2						
367+09	18"	Pipe	RCP	Buried	Buried									2						20			
413+89	18"	Pipe	RCP	478.54	476.00	109.2	2.3%											2			15		
414+86	24"	Pipe	RCP	478.51	476.37	149.1	1.4%											2			20		
446+73	24"	Pipe	RCP	504.00	503.38	73.4	0.8%											2			20		
449+79	32"	Pipe	RCP	507.38	506.08	68.9	1.9%											2			30		
464+98	24"	Pipe	RCP	504.91	504.47	52.5	0.8%										1	1				15	
Total:								109	29	29	4,190	2	2	2	9	21	5	18	21	20	150	2	

EARTHWORK SCHEDULE

EARTH EXCAVATION QUANTITIES			
START STATION	END STATION	VOLUME CUT	VOLUME FILL
150+50.00	203+50.00	382.9	364.4
203+50.00	256+50.00	506.9	344.7
256+50.00	309+00.00	514.2	113.7
309+00.00	365+13.00	535.2	114.3
365+13.00	418+00.00	665.7	225.0
418+00.00	471+00.00	587.0	250.5
471+00.00	497+50.00	292.3	338.3
TOTAL		3,484.1	1,750.8

GRADING AND SHAPING DITCHES			
START STATION	END STATION	LOCATON	LENGTH
159+30	159+51	RT	21.5
160+00	168+20	LT	820.3
173+38	173+68	RT	29.9
174+70	175+04	LT	34.2
177+39	177+45	LT	6.0
178+05	180+01	LT	195.9
182+14	184+42	LT	227.3
202+89	203+18	LT	29.0
217+89	218+11	RT	21.5
220+63	221+70	RT	107.3
221+93	222+41	LT	47.6
224+49	225+11	RT	62.4
366+70	367+28	LT	250.0
367+24	367+38	RT	220.0
464+56	465+56	RT	100.0
TOTAL			2172.8

GUARDRAIL SCHEDULE

Location	Existing Guardrail Start	Existing Guardrail End	Direction	Location	Guardrail Removal	T1 (TAN)	T6	Radius	Start End Treatment 1	End End Treatment 1	Start Guardrail	Post 1	Post 2	Post 3	Post 4	Post 5	Post 6	End Guardrail	Long Span Guardrail	Guardrail Length	Start End Treatment 2	End End Treatment 2
5' x 3' Box Culvert 177+32	NA	NA	LT		0.0	2.0		0.0	176+25.62	176+63.12	176+63.12	177+13.12	177+19.37	177+25.62	177+38.12	177+44.37	177+50.62	179+88.12	37.50	287.50	179+88.12	180+25.62
	NA	NA	RT		0.0	1.0		13.4	174+26.04	174+63.54	174+63.54	177+13.54	177+19.79	177+26.04	177+38.54	177+44.79	177+51.04	178+01.04	37.50	300.00	-	-
6' x 3' Box Culvert 221+64	NA	NA	LT		0.0	1.0		26.7	220+38.39	220+75.89	220+75.89	221+38.39	221+44.64	221+50.89	221+63.39	221+69.64	221+75.89	223+25.89	37.50	212.50	-	-
	NA	NA	RT		0.0	1.0		26.7	-	-	219+02.62	221+52.62	221+58.87	221+65.12	221+77.62	221+83.87	221+90.12	222+65.12	37.50	325.00	222+65.12	223+02.62
Big Muddy River	287+42.4	288+20.6	LT	NW	78.2	1.0	1.0	0.0	287+08.7	287+46.2	287+46.2							287+83.7	0.00	37.50	287+83.7	288+21.2
	289+68.6	290+45.2	LT	NE	76.6	1.0	1.0	26.7	289+68.	290+05.5	290+05.5							290+55.5	0.00	50.00	-	-
	287+42.3	288+18.8	RT	SW	76.5	1.0	1.0	0.0	285+31.9	285+69.4	285+69.4							287+81.9	0.00	212.50	287+81.9	288+19.4
	289+68.7	290+44.4	RT	SE	75.7	1.0	1.0	0.0	289+68.1	290+05.6	290+05.6							290+30.6	0.00	25.00	290+30.6	290+68.1
Snow Creek	316+10.7	316+87.9	LT	NW	77.2	1.0	1.0	0.0	315+88.5	316+26.	316+26.							316+51.	0.00	25.00	316+51.	316+88.5
	317+73.3	318+49.6	LT	NE	76.3	1.0	1.0	26.7	317+72.7	318+10.2	318+10.2							318+35.2	0.00	25.00	-	-
	316+11.7	316+87.8	RT	SW	76.1	1.0	1.0	0.0	313+88.4	314+25.9	314+25.9							316+50.9	0.00	225.00	316+50.9	316+88.4
	317+73.3	318+49.8	RT	SE	76.5	1.0	1.0	0.0	317+72.7	318+10.2	318+10.2							318+72.7	0.00	62.50	318+72.7	319+10.2
54" Pipe Culvert 342+30	341+11.9	344+12.1	LT		300.2	2.0		0.0	340+87.5	341+25.	341+25.							346+62.5	0.00	537.50	346+62.5	347+00.
	341+61.4	344+11.9	RT		250.5	1.0		14.3	338+82.3	339+19.8	339+19.8							344+82.32	0.00	562.52	-	-

MODEL: Schedule.dwg, Misc 4
FILE NAME: P:\2021\12\10\20_Cad002_Design\CADD_Sheets\1210720\hbschedule.dwg

	USER NAME = ariegler	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RICHVIEW ROAD SCHEDULE OF QUANTITIES	F.A.S. RTE. 826	SECTION 21-00226-00-R5	COUNTY JEFFERSON	TOTAL SHEETS 239	SHEET NO. 9			
	PLOT SCALE = 2.0000' / in.	CHECKED - _____	REVISED - _____			SCALE: N.T.S.	SHEET ___ OF ___ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 99714				
	PLOT DATE = 7/7/2023	DATE - _____	REVISED - _____			ILLINOIS FED. AID PROJECT							

P.O.T.	STA. 149+06.00	N. 628773.974	E. 771649.181
PC	TA. 160+18.00	N. 627749.134	E. 772080.743
PC	STA. 160+18.00	N. 627749.134	E. 772080.743
PT	STA. 169+90.70	N. 627235.517	E. 772843.052
P.O.T.	STA. 180+00.00	N. 627221.823	E. 773852.260

PR CURVE
 PI STA = 165+67.21
 $\Delta = 66^{\circ}23'12''$ (LT)
 $D = 06^{\circ}49'30''$
 $R = 839.50'$
 $T = 549.21'$
 $E = 163.69'$
 $e =$
 $TR =$
 $SE RUN =$
 PC STA = 160+18.00
 PT STA = 169+90.70

SURVEY CONTROL POINT
 POINT #1
 N. 628608.955
 E. 771689.635
 ELEV. 530.05
 DESC: IP
 STA. 150+73.79, 26.76' RT

SURVEY CONTROL POINT
 POINT #2
 N. 627714.278
 E. 772134.655
 ELEV. 532.244
 DESC: IP
 STA. 160+73.35, 34.41' LT

SURVEY CONTROL POINT
 POINT #4
 N. 627197.077
 E. 772991.187
 ELEV. 530.549
 DESC: IP
 STA. 171+39.28, 36.46' RT

SURVEY CONTROL POINT
 POINT #3
 N. 627173.679
 E. 772741.397
 ELEV. 530.508
 DESC: IP
 STA. 168+97.33, 68.82' RT

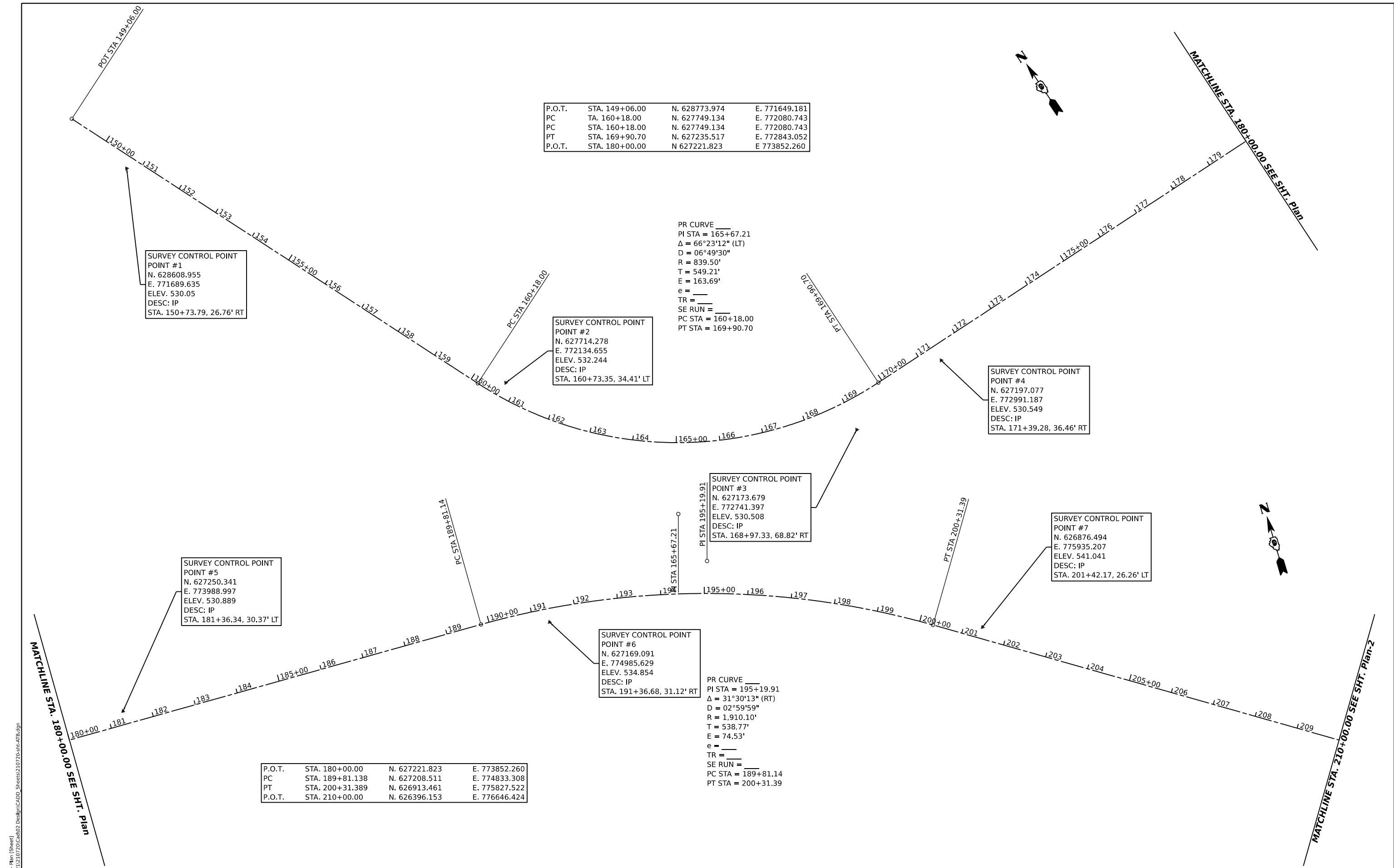
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 POINT #7
 N. 626876.494
 E. 775935.207
 ELEV. 541.041
 DESC: IP
 STA. 201+42.17, 26.26' LT

SURVEY CONTROL POINT
 POINT #5
 N. 627250.341
 E. 773988.997
 ELEV. 530.889
 DESC: IP
 STA. 181+36.34, 30.37' LT

SURVEY CONTROL POINT
 POINT #6
 N. 627169.091
 E. 774985.629
 ELEV. 534.854
 DESC: IP
 STA. 191+36.68, 31.12' RT

PR CURVE
 PI STA = 195+19.91
 $\Delta = 31^{\circ}30'13''$ (RT)
 $D = 02^{\circ}59'59''$
 $R = 1,910.10'$
 $T = 538.77'$
 $E = 74.53'$
 $e =$
 $TR =$
 $SE RUN =$
 PC STA = 189+81.14
 PT STA = 200+31.39

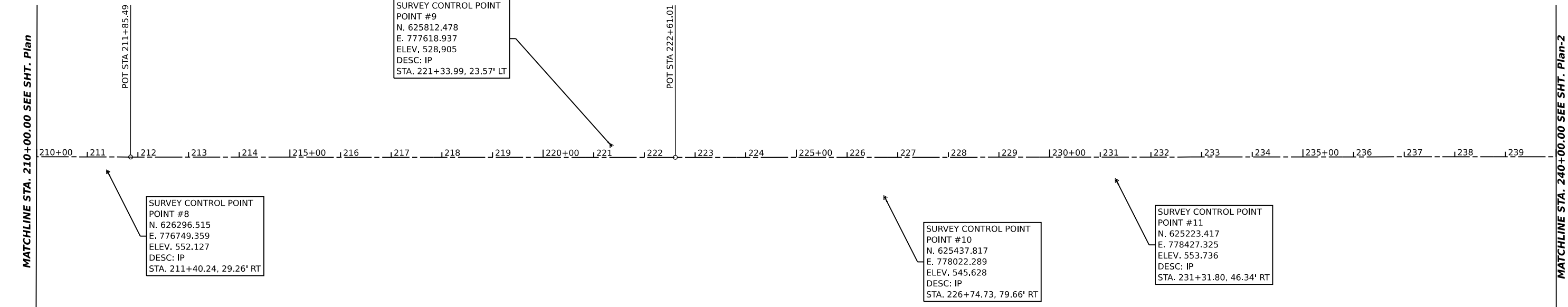
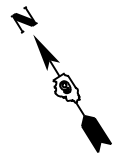
P.O.T.	STA. 180+00.00	N. 627221.823	E. 773852.260
PC	STA. 189+81.138	N. 627208.511	E. 774833.308
PT	STA. 200+31.389	N. 626913.461	E. 775827.522
P.O.T.	STA. 210+00.00	N. 626396.153	E. 776646.424



MODEL: RchView.dwg; PLOT: RchView.plt
 FILE NAME: P:\2021\10720\CAD\Drawings\210720-RchView.dwg
 HLR

HAMPTON, LENZINI AND RENWICK, INC. 300 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184-000555	USER NAME = ariegler	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RICHVIEW ROAD ALIGNMENT, TIES, & CONTROL POINTS			F.A.S. RTE. = 826	SECTION = 21-00226-00-RS	COUNTY = JEFFERSON	TOTAL SHEETS = 239	SHEET NO. = 10
	PLOT SCALE = 0.16666667 1/16"	CHECKED - _____	REVISED - _____		SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 99714				
PLOT DATE = 7/7/2023	DATE - _____	REVISED - _____				ILLINOIS FED. AID PROJECT						

P.O.T.	STA. 210+00.00	N. 626396.153	E. 776646.424
PC	STA. 211+85.49	N. 626297.089	E. 776803.244
PT	STA. 222+61.01	N. 625724.952	E. 777713.955
P.O.T.	STA. 240+00.00	N. 624801.804	E. 779187.691

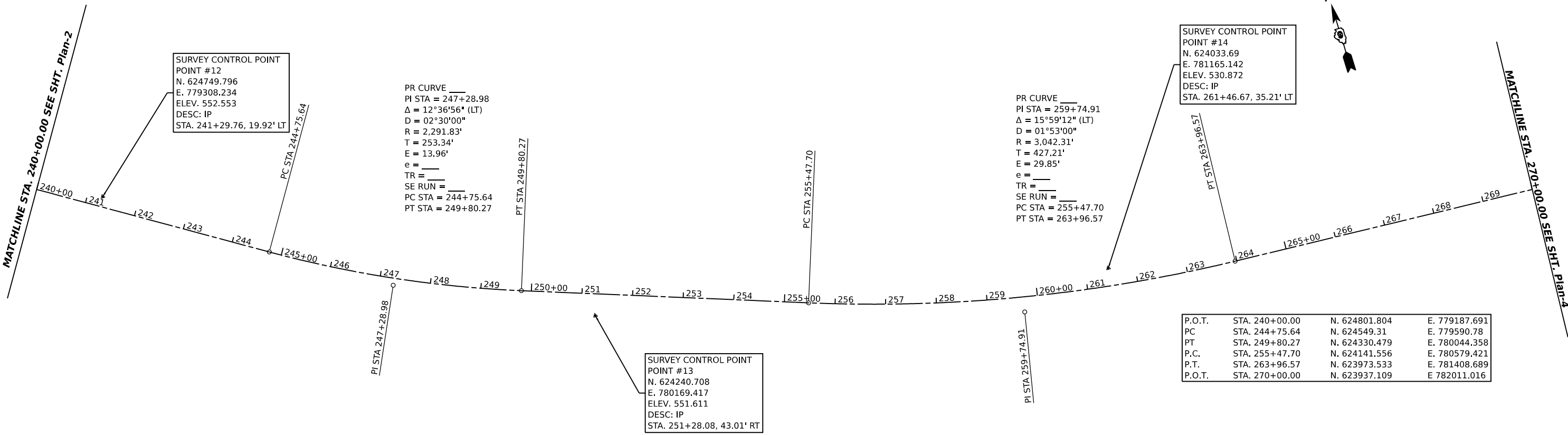


SURVEY CONTROL POINT
POINT #8
N. 626296.515
E. 776749.359
ELEV. 552.127
DESC: IP
STA. 211+40.24, 29.26' RT

SURVEY CONTROL POINT
POINT #9
N. 625812.478
E. 777618.937
ELEV. 528.905
DESC: IP
STA. 221+33.99, 23.57' LT

SURVEY CONTROL POINT
POINT #10
N. 625437.817
E. 778022.289
ELEV. 545.628
DESC: IP
STA. 226+74.73, 79.66' RT

SURVEY CONTROL POINT
POINT #11
N. 625223.417
E. 778427.325
ELEV. 553.736
DESC: IP
STA. 231+31.80, 46.34' RT



SURVEY CONTROL POINT
POINT #12
N. 624749.796
E. 779308.234
ELEV. 552.553
DESC: IP
STA. 241+29.76, 19.92' LT

PR CURVE
PI STA = 247+28.98
 $\Delta = 12^{\circ}36'56''$ (LT)
D = 02°30'00"
R = 2,291.83'
T = 253.34'
E = 13.96'
e = _____
TR = _____
SE RUN = _____
PC STA = 244+75.64
PT STA = 249+80.27

PR CURVE
PI STA = 259+74.91
 $\Delta = 15^{\circ}59'12''$ (LT)
D = 01°53'00"
R = 3,042.31'
T = 427.21'
E = 29.85'
e = _____
TR = _____
SE RUN = _____
PC STA = 255+47.70
PT STA = 263+96.57

SURVEY CONTROL POINT
POINT #14
N. 624033.69
E. 781165.142
ELEV. 530.872
DESC: IP
STA. 261+46.67, 35.21' LT

SURVEY CONTROL POINT
POINT #13
N. 624240.708
E. 780169.417
ELEV. 551.611
DESC: IP
STA. 251+28.08, 43.01' RT

P.O.T.	STA. 240+00.00	N. 624801.804	E. 779187.691
PC	STA. 244+75.64	N. 624549.31	E. 779590.78
PT	STA. 249+80.27	N. 624330.479	E. 780044.358
P.C.	STA. 255+47.70	N. 624141.556	E. 780579.421
P.T.	STA. 263+96.57	N. 623973.533	E. 781408.689
P.O.T.	STA. 270+00.00	N. 623937.109	E. 782011.016

MODEL: RchView - Plan-2 (Sheet)
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 HLR

HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000555

USER NAME = ariegler
 PLOT SCALE = 0.16666667 1/16"
 PLOT DATE = 7/7/2023

DESIGNED - _____
 DRAWN - _____
 CHECKED - _____
 DATE - _____

REVISED - _____
 REVISED - _____
 REVISED - _____
 REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 ALIGNMENT, TIES, & CONTROL POINTS**

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	11
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



P.O.T.	STA. 270+00.00	N. 623937.109	E. 782011.016
PC	STA. 276+76.692	N. 623896.262	E. 782686.474
PT	STA. 281+99.384	N. 623975.86	E. 783198.497
P.C.	STA. 284+05.134	N. 624055.365	E. 783388.265
P.T.	STA. 286+96.804	N. 624125.562	E. 783670.195
P.O.T.	STA. 300+00.00	N. 624244.386	E. 784967.963

PR CURVE
 PI STA = 279+42.67
 $\Delta = 26^{\circ}08'04''$ (LT)
 $D = 05^{\circ}00'00''$
 $R = 1,145.92'$
 $T = 265.97'$
 $E = 30.46'$
 $e =$
 $TR =$
 $SE RUN =$
 PC STA = 276+76.69
 PT STA = 281+99.38

SURVEY CONTROL POINT #16
 N. 624013.804
 E. 783149.476
 ELEV. 472.471
 DESC: IP
 STA. 281+66.53, 53.04' LT

PR CURVE
 PI STA = 285+52.11
 $\Delta = 17^{\circ}30'01''$ (RT)
 $D = 06^{\circ}00'00''$
 $R = 954.93'$
 $T = 146.98'$
 $E = 11.25'$
 $e =$
 $TR =$
 $SE RUN =$
 PC STA = 284+05.13
 PT STA = 286+96.80

SURVEY CONTROL POINT #18
 N. 624146.295
 E. 784138.517
 ELEV. 465.262
 DESC: IP
 STA. 291+65.07, 22.05' RT

SURVEY CONTROL POINT #17
 N. 623825.136
 E. 783211.707
 ELEV. 470.2
 DESC: IP
 STA. 281+60.36, 145.52' RT

SURVEY CONTROL POINT #15
 N. 623907.698
 E. 782157.404
 ELEV. 498.977
 DESC: IP
 STA. 271+47.90, 20.52' RT

SURVEY CONTROL POINT #19
 N. 624317.835
 E. 785123.223
 ELEV. 457.496
 DESC: IP
 STA. 301+61.31, 58.99' LT

SURVEY CONTROL POINT #21
 N. 623910.958
 E. 787083.128
 ELEV. 457.18
 DESC: IP
 STA. 321+63.50, 55.76' LT

SURVEY CONTROL POINT #20
 N. 624137.021
 E. 786108.596
 ELEV. 463.753
 DESC: IP
 STA. 311+66.45, 26.08' RT

PR CURVE
 PI STA = 306+96.22
 $\Delta = 22^{\circ}56'00''$ (RT)
 $D = 04^{\circ}00'00''$
 $R = 1,432.39'$
 $T = 290.55'$
 $E = 29.17'$
 $e =$
 $TR =$
 $SE RUN =$
 PC STA = 304+05.66
 PT STA = 309+78.99

P.O.T.	STA. 300+00.00	N. 624244.386	E. 784967.963
PC	STA. 304+05.66	N. 624281.374	E. 785371.937
PT	STA. 309+78.99	N. 624219.017	E. 785938.023
P.O.T.	STA. 330+00.00	N. 623602.794	E. 787862.792

MATCHLINE STA. 270+00.00 SEE SHT. Plan-2

MATCHLINE STA. 300+00.00 SEE SHT. Plan-4

MATCHLINE STA. 300+00.00 SEE SHT. Plan-4

MATCHLINE STA. 330+00.00 SEE SHT. Plan-6

MODEL: RICHVIEW_Road_Plan-4 (Sheet)
 FILE NAME: P:\2021\210720\ROAD\Design\CADD_Sheets\210720-RICHVIEW.dgn

HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000555

USER NAME	= ariegler
PLOT SCALE	= 0.16666667 / 1 in.
PLOT DATE	= 7/7/2023

DESIGNED	-	_____
DRAWN	-	_____
CHECKED	-	_____
DATE	-	_____

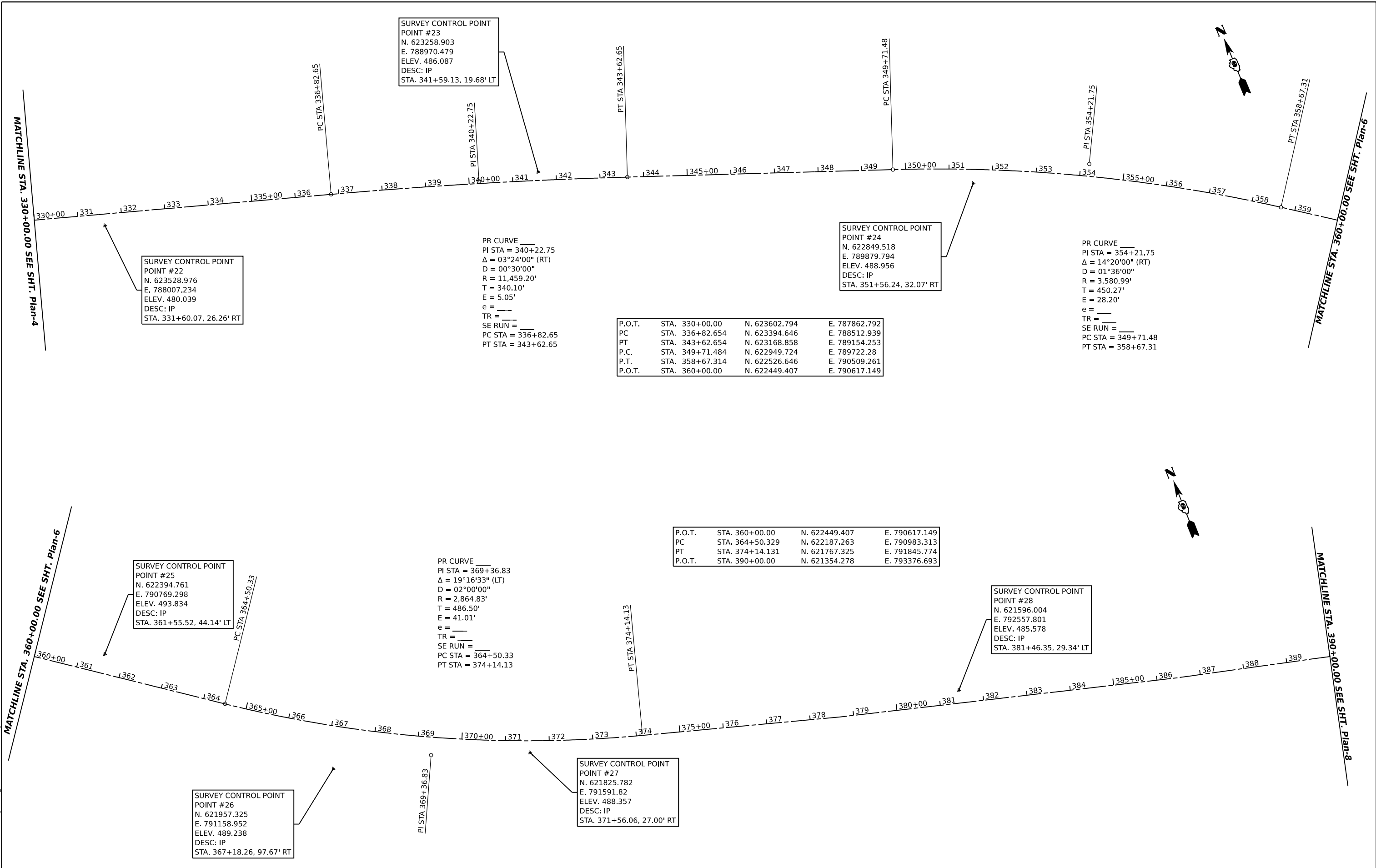
REVISED	-	_____
REVISED	-	_____
REVISED	-	_____
REVISED	-	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 ALIGNMENT, TIES, & CONTROL POINTS**

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	12
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



SURVEY CONTROL POINT #22
 N. 623528.976
 E. 788007.234
 ELEV. 480.039
 DESC: IP
 STA. 331+60.07, 26.26' RT

SURVEY CONTROL POINT #23
 N. 623258.903
 E. 788970.479
 ELEV. 486.087
 DESC: IP
 STA. 341+59.13, 19.68' LT

SURVEY CONTROL POINT #24
 N. 622849.518
 E. 789879.794
 ELEV. 488.956
 DESC: IP
 STA. 351+56.24, 32.07' RT

PR CURVE
 PI STA = 354+21.75
 $\Delta = 14^\circ 20' 00''$ (RT)
 D = $01^\circ 36' 00''$
 R = 3,580.99'
 T = 450.27'
 E = 28.20'
 e =
 TR =
 SE RUN =
 PC STA = 349+71.48
 PT STA = 358+67.31

PR CURVE
 PI STA = 340+22.75
 $\Delta = 03^\circ 24' 00''$ (RT)
 D = $00^\circ 30' 00''$
 R = 11,459.20'
 T = 340.10'
 E = 5.05'
 e =
 TR =
 SE RUN =
 PC STA = 336+82.65
 PT STA = 343+62.65

P.O.T.	STA. 330+00.00	N. 623602.794	E. 787862.792
PC	STA. 336+82.654	N. 623394.646	E. 788512.939
PT	STA. 343+62.654	N. 623168.858	E. 789154.253
P.C.	STA. 349+71.484	N. 622949.724	E. 789722.28
P.T.	STA. 358+67.314	N. 622526.646	E. 790509.261
P.O.T.	STA. 360+00.00	N. 622449.407	E. 790617.149

P.O.T.	STA. 360+00.00	N. 622449.407	E. 790617.149
PC	STA. 364+50.329	N. 622187.263	E. 790983.313
PT	STA. 374+14.131	N. 621767.325	E. 791845.774
P.O.T.	STA. 390+00.00	N. 621354.278	E. 793376.693

SURVEY CONTROL POINT #25
 N. 622394.761
 E. 790769.298
 ELEV. 493.834
 DESC: IP
 STA. 361+55.52, 44.14' LT

PR CURVE
 PI STA = 369+36.83
 $\Delta = 19^\circ 16' 33''$ (LT)
 D = $02^\circ 00' 00''$
 R = 2,864.83'
 T = 486.50'
 E = 41.01'
 e =
 TR =
 SE RUN =
 PC STA = 364+50.33
 PT STA = 374+14.13

SURVEY CONTROL POINT #28
 N. 621596.004
 E. 792557.801
 ELEV. 485.578
 DESC: IP
 STA. 381+46.35, 29.34' LT

SURVEY CONTROL POINT #26
 N. 621957.325
 E. 791158.952
 ELEV. 489.238
 DESC: IP
 STA. 367+18.26, 97.67' RT

SURVEY CONTROL POINT #27
 N. 621825.782
 E. 791591.82
 ELEV. 488.357
 DESC: IP
 STA. 371+56.06, 27.00' RT

MODEL: RichView - Plan-6 (Sheet)
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 MODEL: RichView - Plan-6 (Sheet)
 FILE NAME: P:\2021\10720\RichView.dwg

HAMPTON, LENZINI AND RENWICK, INC. <small>300 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000655</small>	USER NAME = ariegler	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RICHVIEW ROAD ALIGNMENT, TIES, & CONTROL POINTS			F.A.S. RTE. = 826	SECTION = 21-00226-00-RS	COUNTY = JEFFERSON	TOTAL SHEETS = 2399	SHEET NO. = 13
	PLOT SCALE = 0.16666667 / in.	CHECKED - _____	REVISED - _____		SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 99714				
	PLOT DATE = 7/7/2023	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							

P.O.T.	STA. 390+00.00	N. 621354.278	E. 793376.693
PC	STA. 395+79.58	N. 621216.866	E. 793939.751
PT	STA. 406+71.35	N. 620810.981	E. 794949.266
P.O.T.	STA. 420+00.00	N. 620144.822	E. 796098.850

SURVEY CONTROL POINT
POINT #30
N. 621328.646
E. 793886.606
ELEV. 468.882
DESC: IP
STA. 395+01.45, 95.99' LT

SURVEY CONTROL POINT
POINT #31
N. 621060.601
E. 794483.342
ELEV. 471.585
DESC: IP
STA. 401+43.99, 18.90' LT

SURVEY CONTROL POINT
POINT #29
N. 621300.901
E. 793511.644
ELEV. 470.069
DESC: IP
STA. 391+43.76, 19.86' RT

PR CURVE
PI STA = 401+29.21
 $\Delta = 16^{\circ}22'36"$ (RT)
D = $01^{\circ}30'00"$
R = 3,819.71'
T = 549.63'
E = 39.34'
e = _____
TR = _____
SE RUN = _____
PC STA = 395+79.58
PT STA = 406+71.35

SURVEY CONTROL POINT
POINT #32
N. 620541.352
E. 795339.105
ELEV. 490.031
DESC: IP
STA. 411+43.84, 37.83' RT

P.O.T.	STA. 420+00.00	N. 620144.822	E. 796098.850
P.O.T.	STA. 450+00.00	N. 618626.013	E. 798685.939

SURVEY CONTROL POINT
POINT #33
N. 620109.296
E. 796240.458
ELEV. 490.862
DESC: IP
STA. 421+40.34, 40.26' LT

SURVEY CONTROL POINT
POINT #35
N. 619097.347
E. 797960.071
ELEV. 508.688
DESC: IP
STA. 441+35.27, 35.79' LT

SURVEY CONTROL POINT
POINT #36
N. 619060.844
E. 798164.755
ELEV. 513.656
DESC: IP
STA. 443+30.00, 108.66' LT

SURVEY CONTROL POINT
POINT #34
N. 619548.563
E. 797067.415
ELEV. 499.778
DESC: IP
STA. 431+36.98, 30.28' RT

MATCHLINE STA. 390+00.00 SEE SHT. Plan-6

MATCHLINE STA. 420+00.00 SEE SHT. Plan-8

MATCHLINE STA. 420+00.00 SEE SHT. Plan-8

MATCHLINE STA. 450+00.00 SEE SHT. Plan-10

MODEL: RichView - Plan-8 (Sheet)
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HAMPTON, LENZINI AND RENWICK, INC.
300 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000555

USER NAME = ariegler
PLOT SCALE = 0.16666667 1/16"
PLOT DATE = 7/7/2023

DESIGNED - _____
DRAWN - _____
CHECKED - _____
DATE - _____

REVISED - _____
REVISED - _____
REVISED - _____
REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

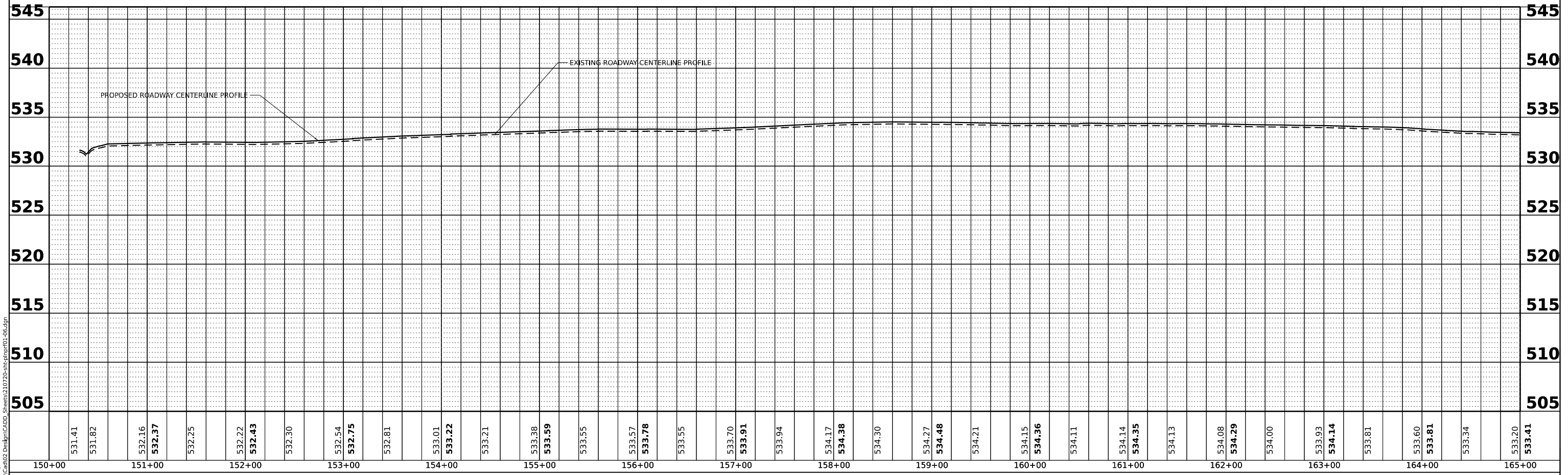
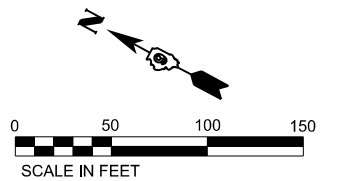
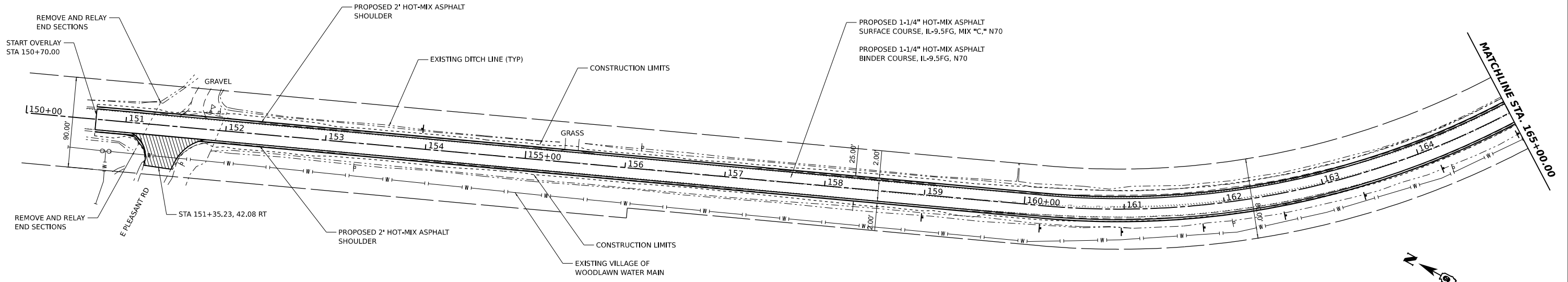
**RICHVIEW ROAD
ALIGNMENT, TIES, & CONTROL POINTS**
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	14
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	GRADE CHECKED
	STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.	
STRUCTURE NOTATIONS CHKD	

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 DESIGNED BY: ariegler



HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-000999

USER NAME	ariegler	DESIGNED	-	REVISIONS	-
		DRAWN	-	REVISIONS	-
PLOT SCALE	0.16666667 / in.	CHECKED	-	REVISIONS	-
PLOT DATE	7/7/2023	DATE	-	REVISIONS	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

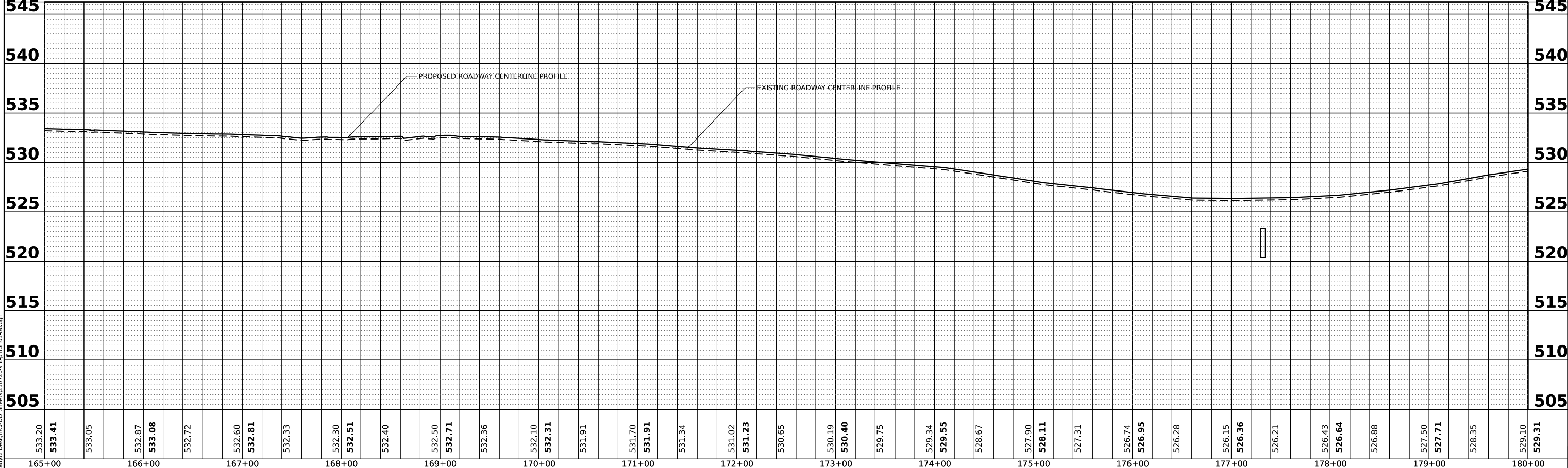
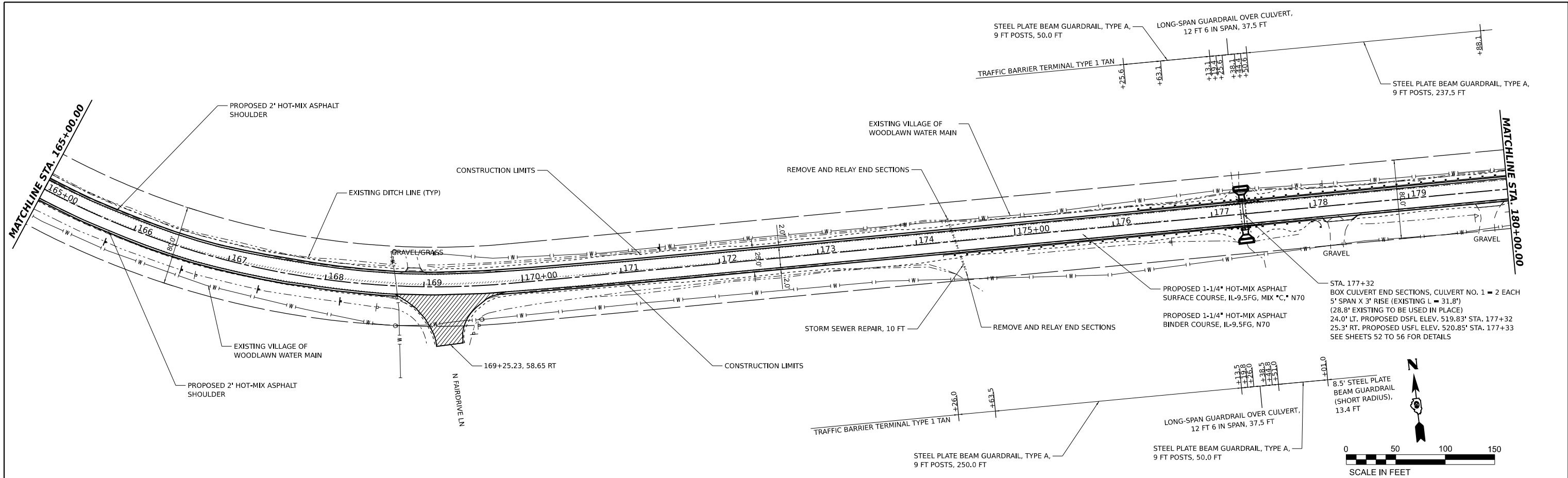
**RICHVIEW ROAD
 PLAN AND PROFILE**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. 150+00 TO STA. 165+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	16
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
CADD FILE NAME	
NOTE BOOK NO.	
PLAN	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
PROFILE	



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 DESIGNED: ariegler

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	ariegler	DESIGNED	-	REVISED	-
DRAWN	-	DRAWN	-	REVISED	-
CHECKED	-	CHECKED	-	REVISED	-
DATE	7/7/2023	DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

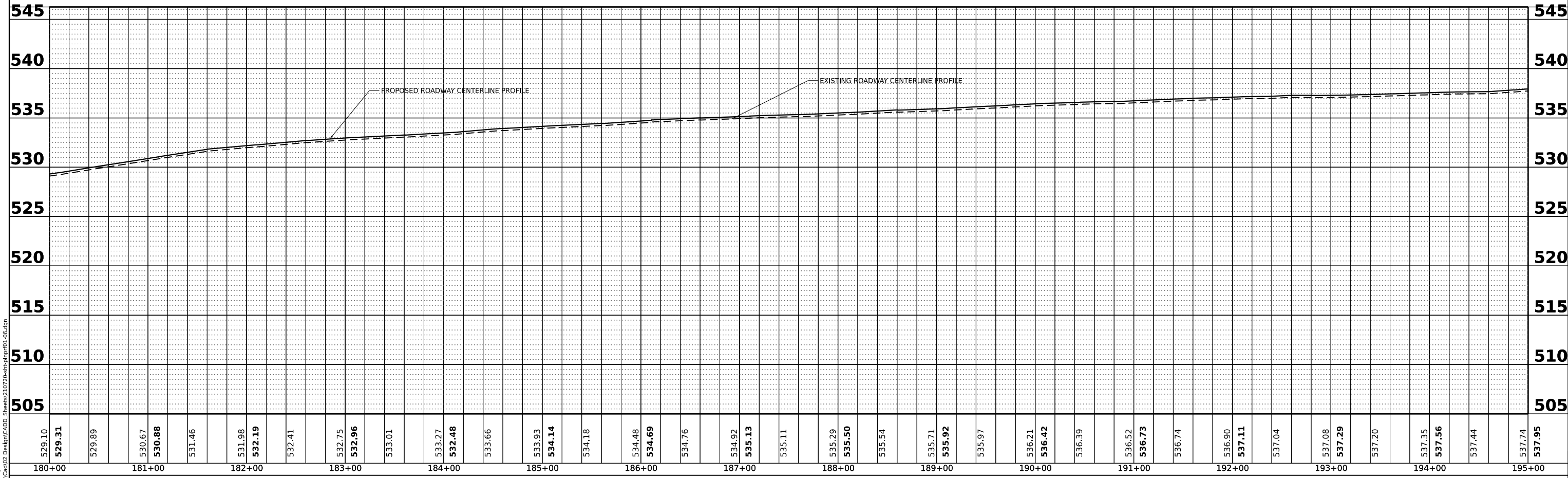
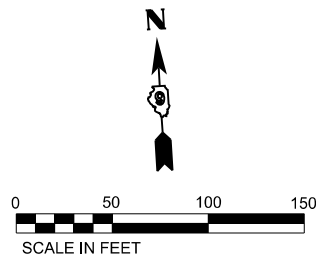
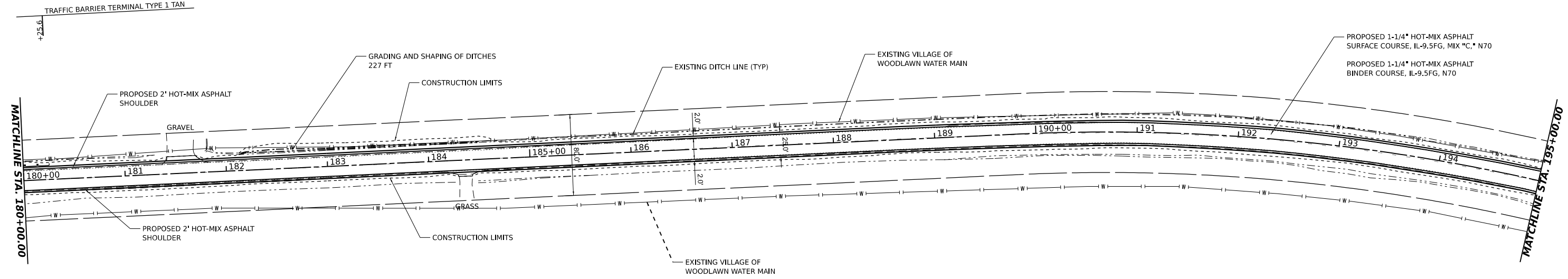
**RICHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50'
 SHEET 17 OF 17 SHEETS
 STA. 165+00 TO STA. 180+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	17
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADE CHECKED	
CADD FILE NAME	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTINGS CHKD	
NO.	

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 USER: ariegler

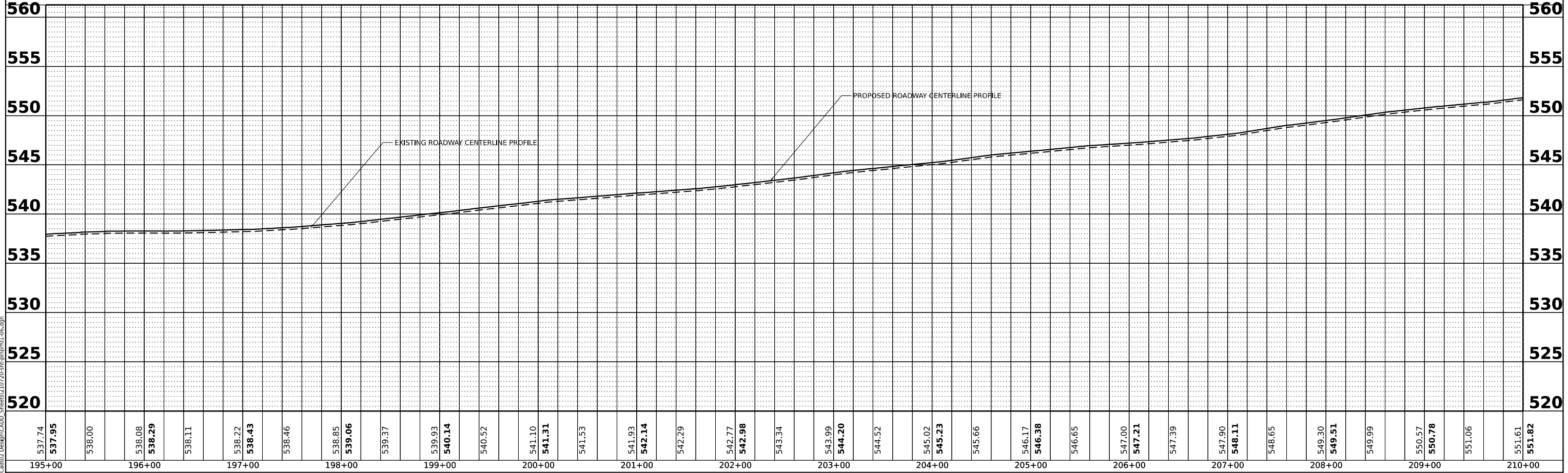
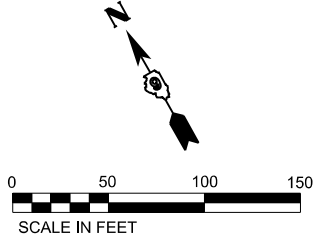
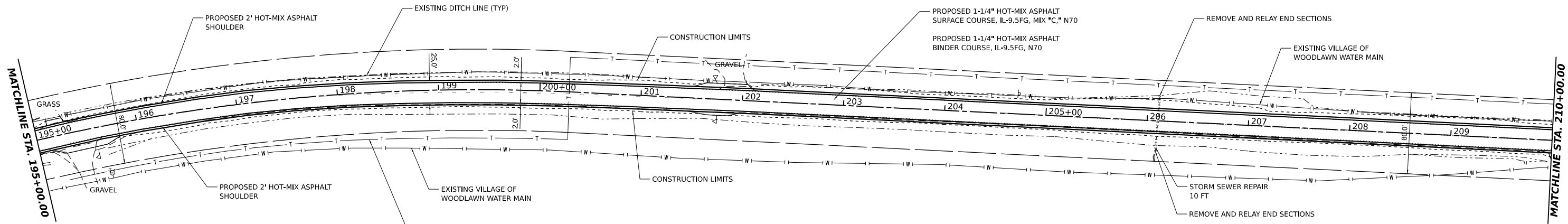


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180+00	181+00	182+00	183+00	184+00	185+00	186+00	187+00	188+00	189+00	190+00	191+00	192+00	193+00	194+00	195+00																															

HAMPTON, LENZINI AND RENWICK, INC. 380 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 18-000999	USER NAME = ariegler DESIGNED - _____ DRAWN - _____ CHECKED - _____ DATE - _____	REVISED - _____ REVISED - _____ REVISED - _____ REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RICHVIEW ROAD PLAN AND PROFILE	F.A.S. RTE. 826 SECTION 21-00226-00-RS COUNTY JEFFERSON TOTAL SHEETS 239 SHEET NO. 18 CONTRACT NO. 99714	ILLINOIS FED. AID PROJECT
	PLOT SCALE = 0.16666667 ' / in. PLOT DATE = 7/7/2023	SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. 180+00 TO STA. 195+00				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	CADD FILE NAME	



MODEL: RichView - RPA [Sheet]
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 DESIGNED BY: ariegler

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	ariegler	DESIGNED	-	REVISED	-
DESIGNED	-	DRAWN	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
CHECKED	-	DATE	-	REVISED	-
DATE	7/7/2023				

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

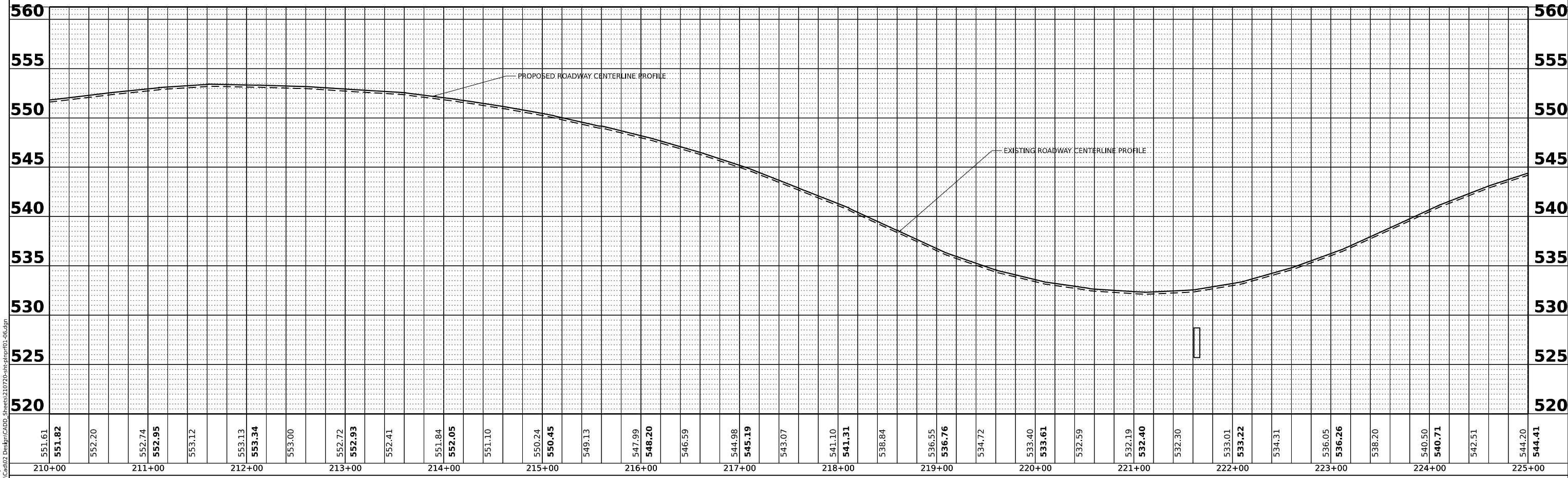
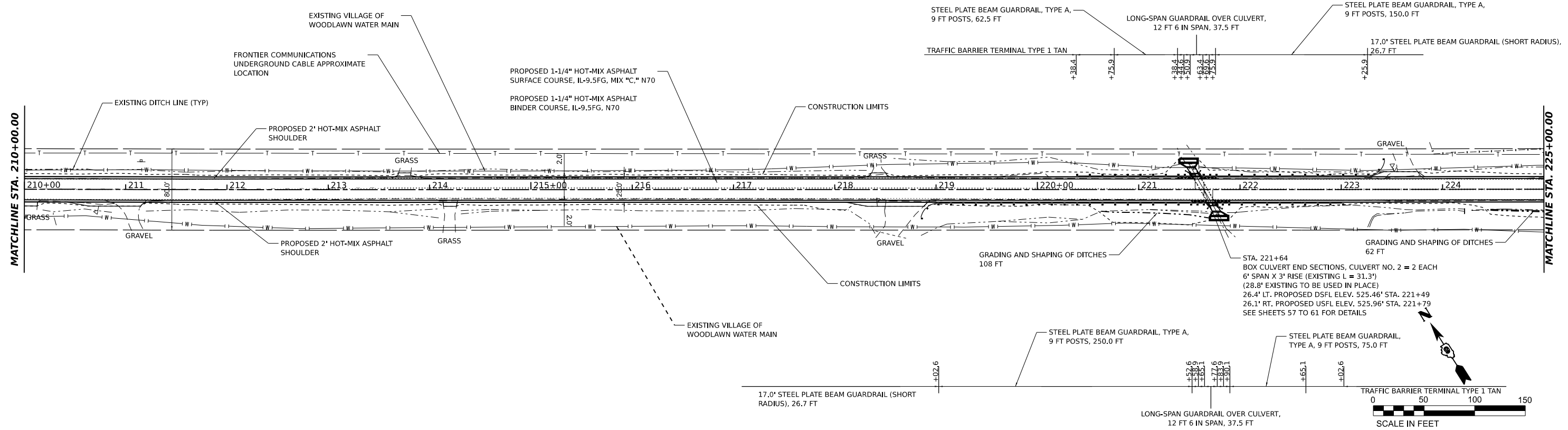
**RICHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50'
 SHEET 19 OF 23 SHEETS
 STA. 195+00 TO STA. 210+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	19
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	STRUCTURE NOTATIONS CHKD	

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HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-000999

USER NAME	arietgler	DESIGNED	-	REVISED	-
DRAWN	-	REVISIONS	-	REVISIONS	-
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PLLOT DATE	7/7/2023	DATE	-	REVISIONS	-

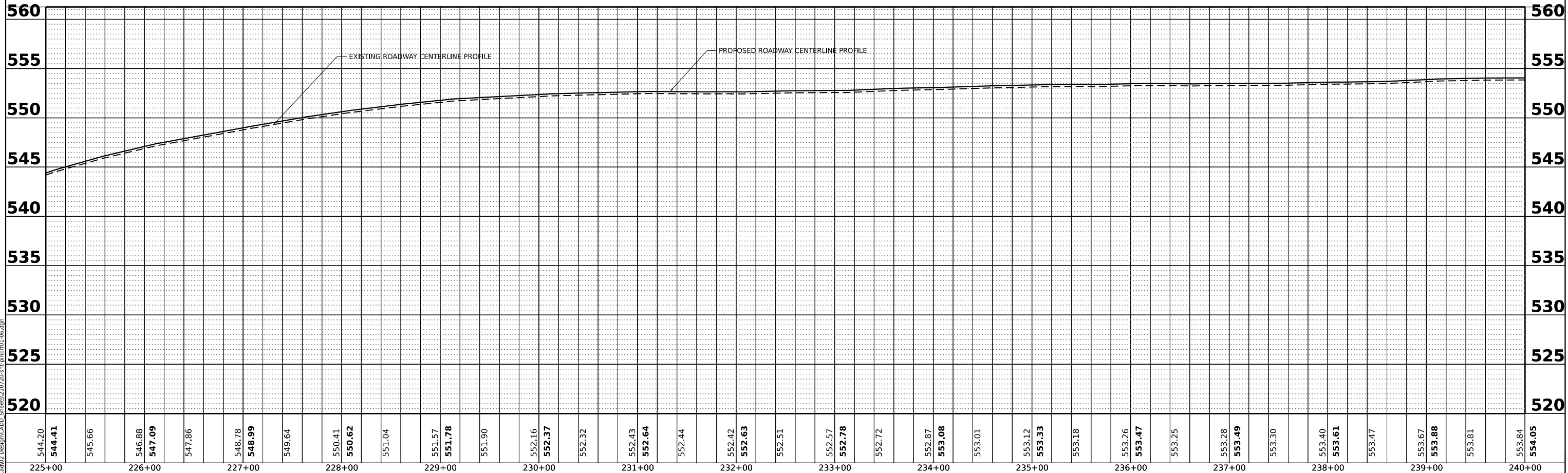
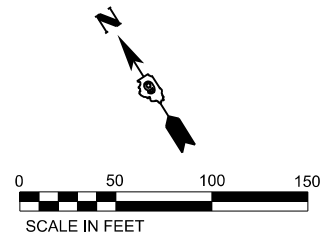
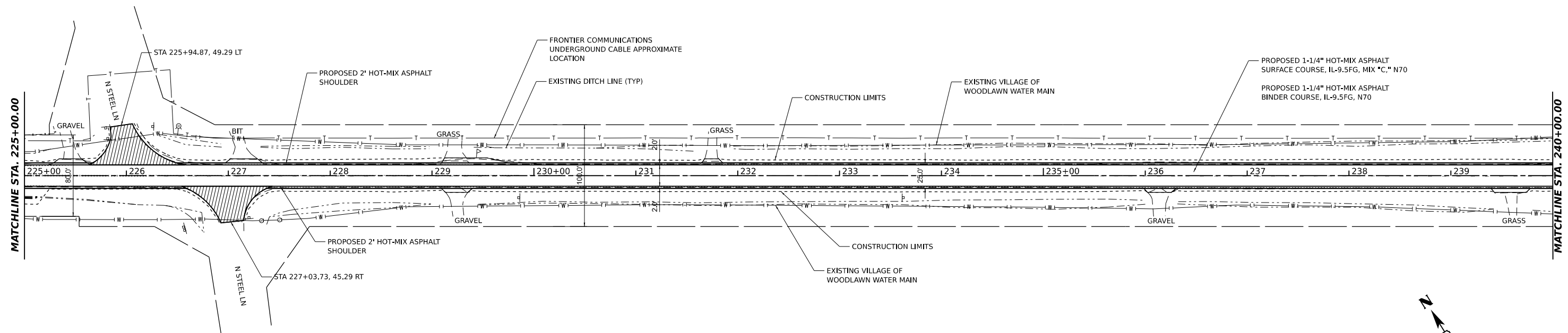
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50'
 SHEET 21 OF 21 SHEETS
 STA. 210+00 TO STA. 225+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	20
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	



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 FILE NAME: P:\2021\1210720\RichView\RichView.dwg
 USER: ariegler

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	ariegler	DESIGNED -	REVISD -
DESIGNED -		DRAWN -	REVISD -
DRAWN -		CHECKED -	REVISD -
CHECKED -		DATE -	REVISD -
DATE -	7/7/2023		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PLAN AND PROFILE**

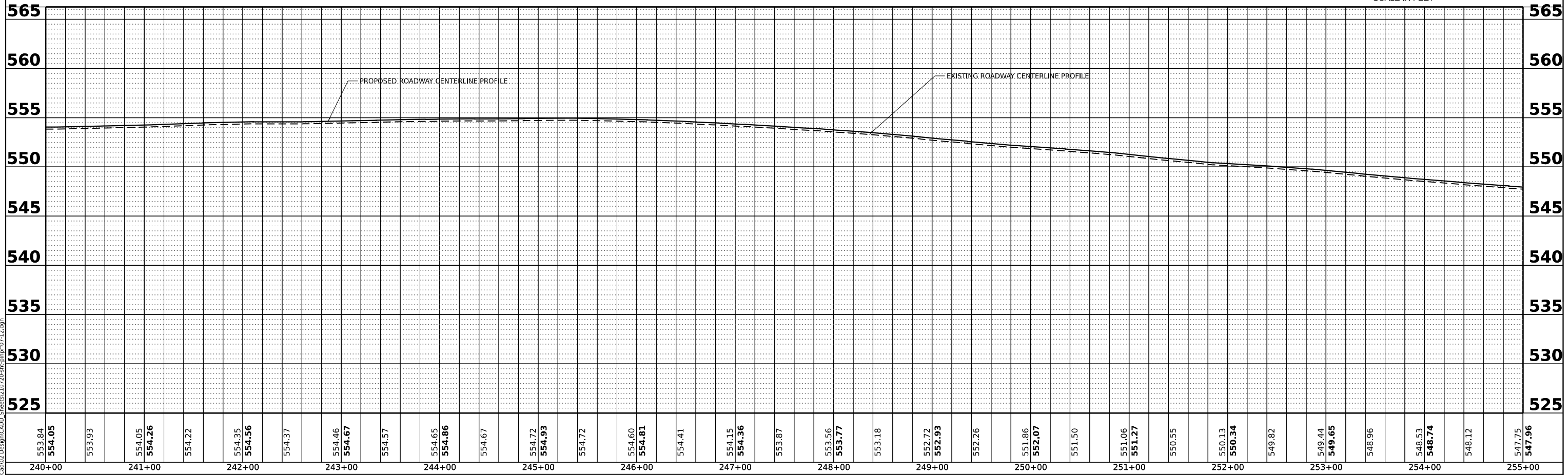
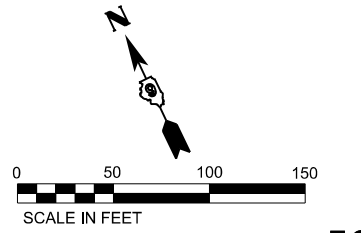
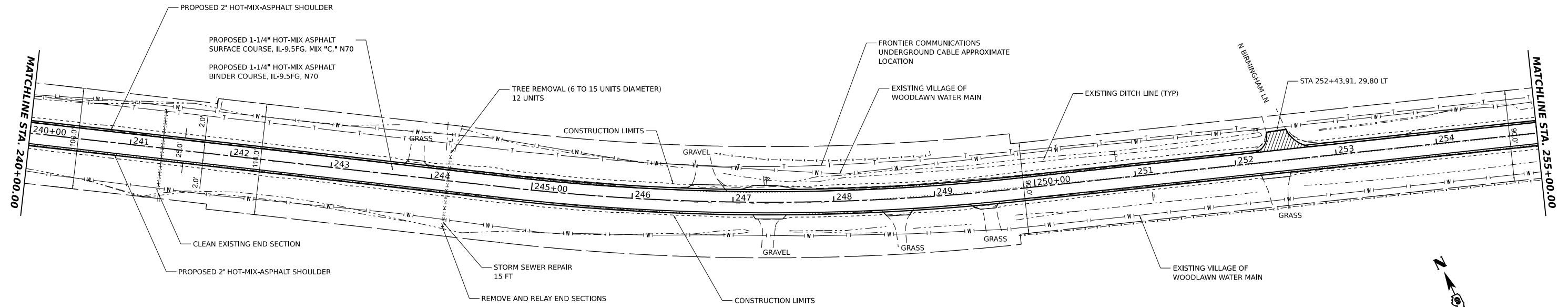
SCALE: 1"=50'
 SHEET ___ OF ___ SHEETS
 STA. 225+00 TO STA. 240+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	21
				CONTRACT NO. 99714
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
CADD FILE NAME	
NO.	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTINGS CHKD	
NO.	
PROFILE	
NOTE BOOK	
NO.	

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 FILE NAME: P:\2021\1210720\RichView\RichView.dwg
 DESIGNED BY: ariegler



HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-000999

USER NAME	ariegler	DESIGNED -	_____	REVISED -	_____
		DRAWN -	_____	REVISED -	_____
PLOT SCALE	0.16666667 1/in.	CHECKED -	_____	REVISED -	_____
PLOT DATE	7/7/2023	DATE -	_____	REVISED -	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

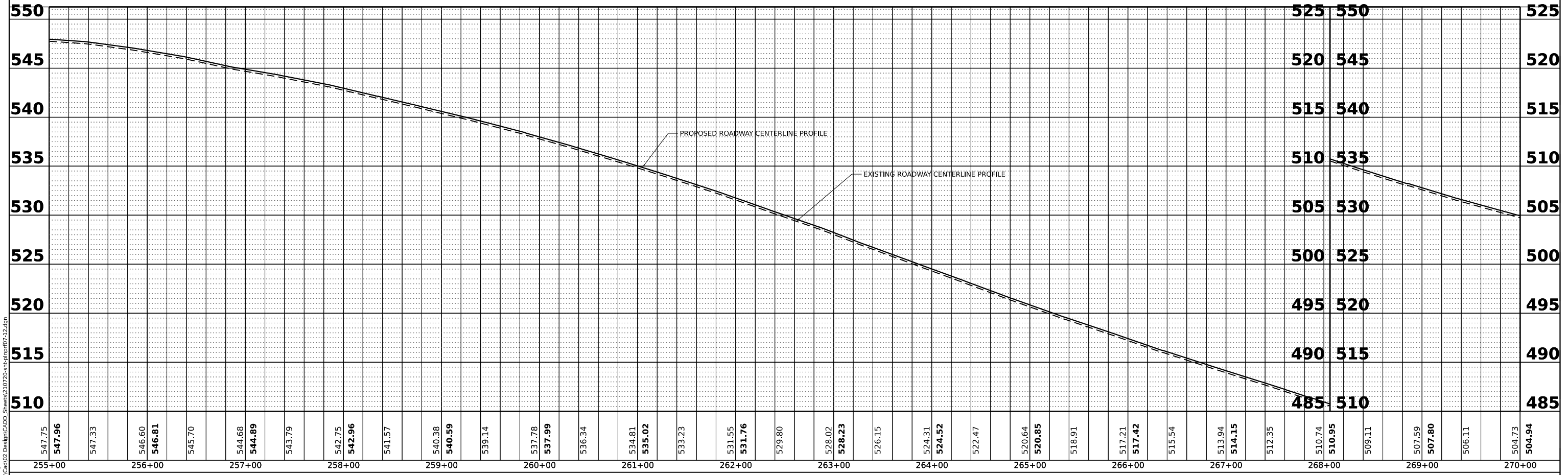
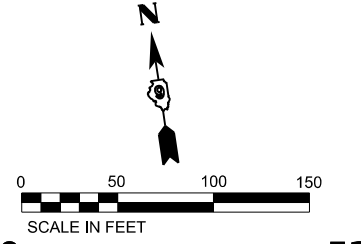
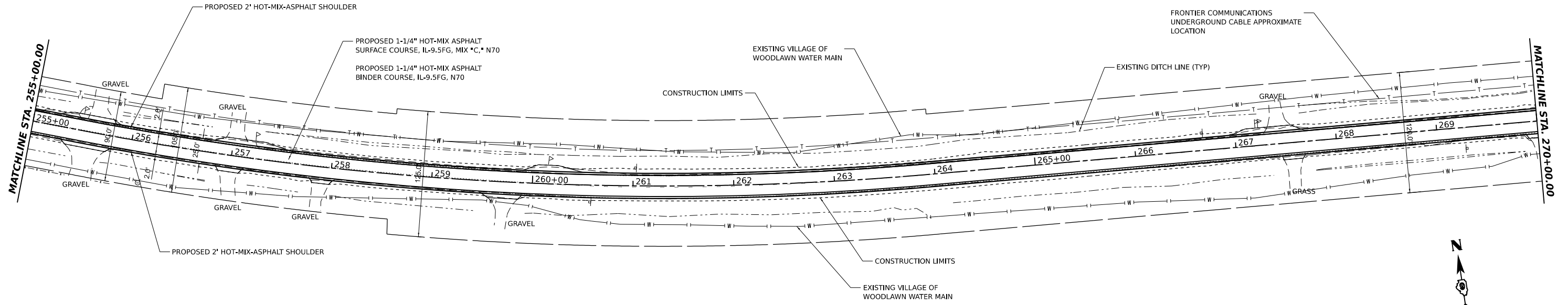
**RICHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50'
 SHEET ___ OF ___ SHEETS
 STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	22
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
DATE	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
CADD FILE NAME	

MODEL: RichView - IPR [Sheet]
 FILE NAME: P:\2021\1210720\RichView\2021\RichView\1210720-1210720.dwg



HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	arietgler	DESIGNED	-	REVISED	-
DRAWN	-	DRAWN	-	REVISED	-
CHECKED	-	CHECKED	-	REVISED	-
DATE	7/7/2023	DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

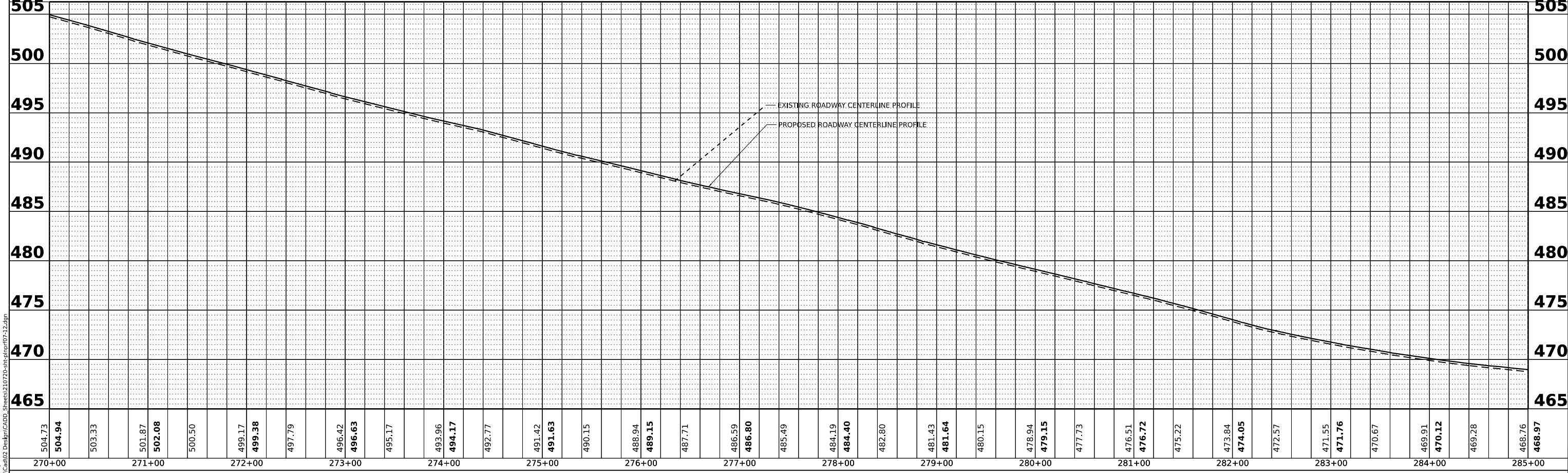
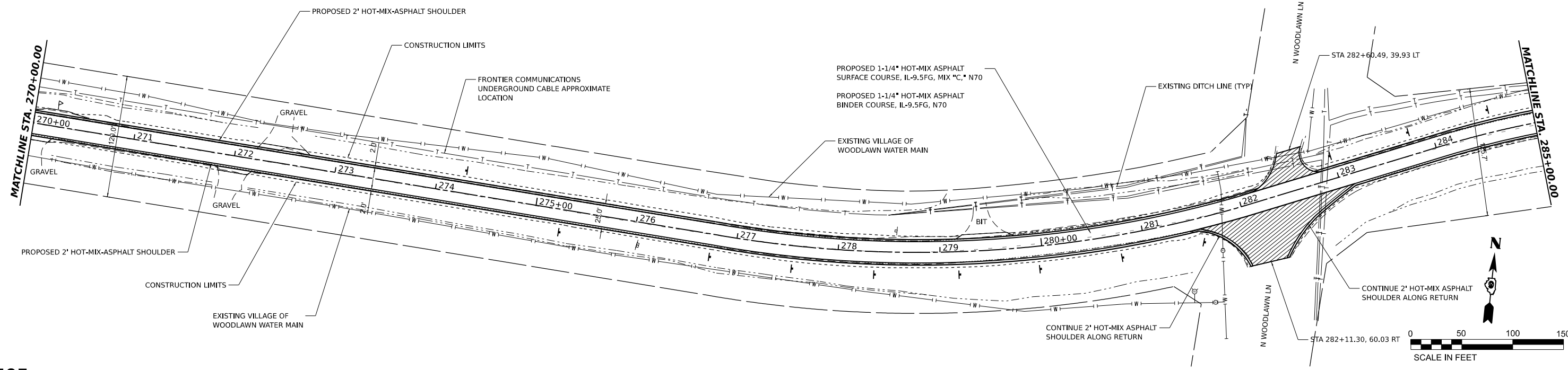
**RICHHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50'
 SHEET ___ OF ___ SHEETS
 STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	23
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADE CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	

MODEL: RichView - IPI9 [Sheet]
 FILE NAME: P:\2021\1210720\RichView\RichView.dwg
 DESIGNED BY: ariegler



HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	ariegler	DESIGNED -	_____	REVISED -	_____
		DRAWN -	_____	REVISED -	_____
PLOT SCALE	0.16666667 ' / in.	CHECKED -	_____	REVISED -	_____
PLOT DATE	7/7/2023	DATE -	_____	REVISED -	_____

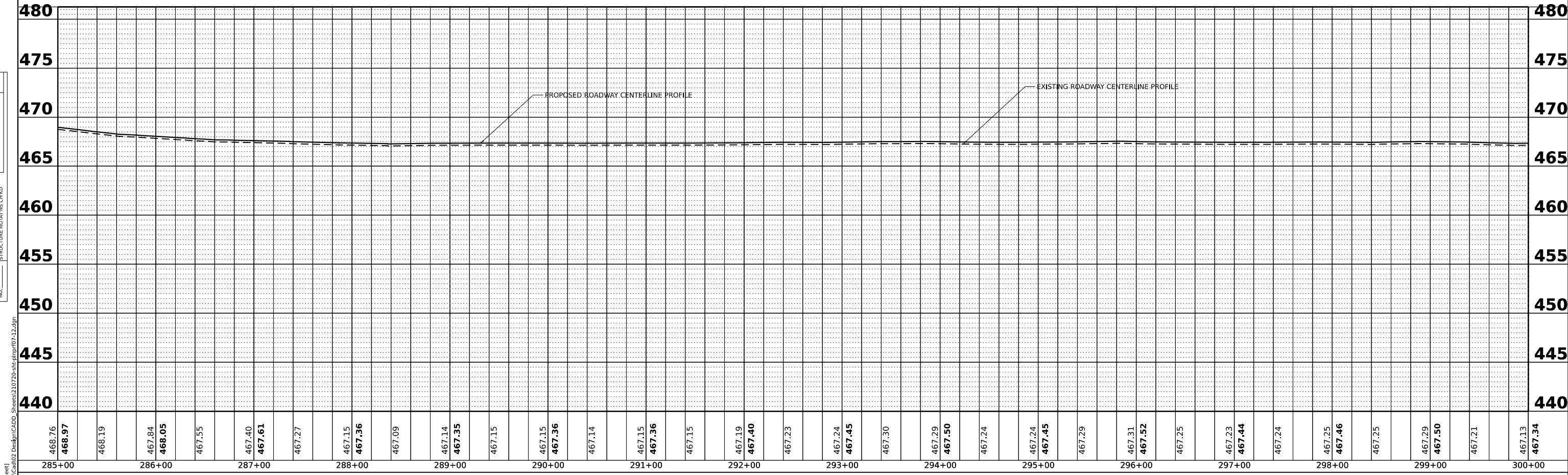
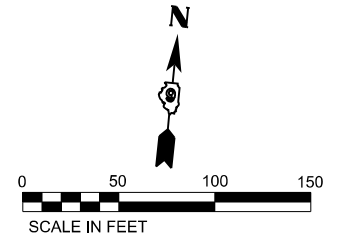
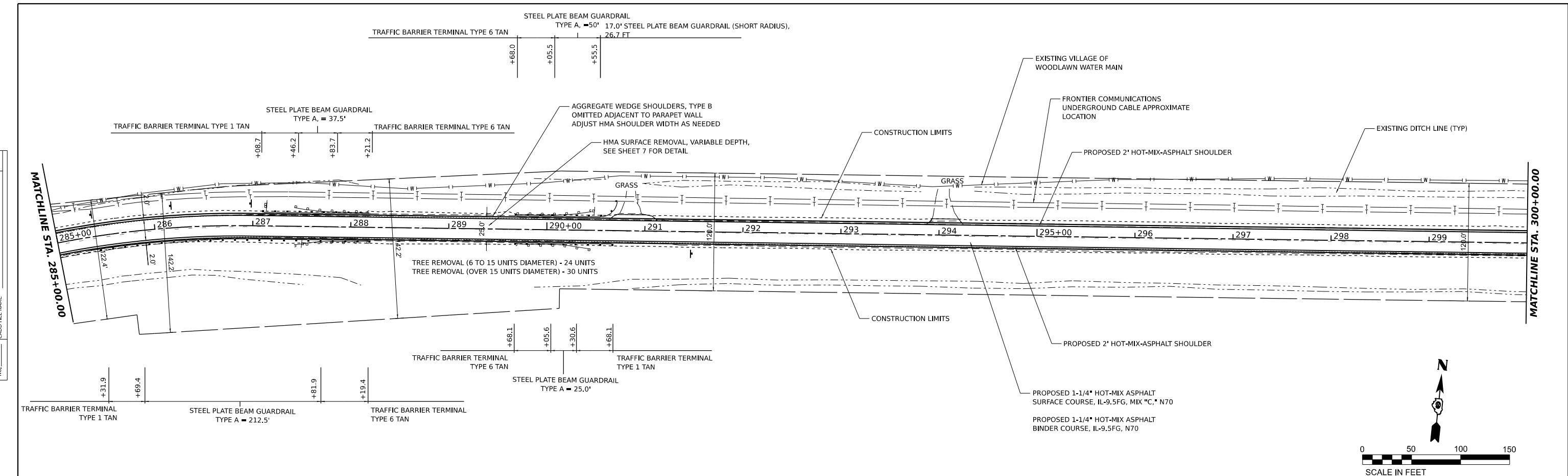
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50'
 SHEET ___ OF ___ SHEETS
 STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	24
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADE	
CADD FILE NAME	
NO.	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NO.	
PROFILE	
NOTE BOOK	
NO.	



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 DESIGNED BY: ariegler

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	ariegler	DESIGNED	-	REVISED	-
DESIGNED	-	DRAWN	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
CHECKED	-	DATE	-	REVISED	-
DATE	7/7/2023				

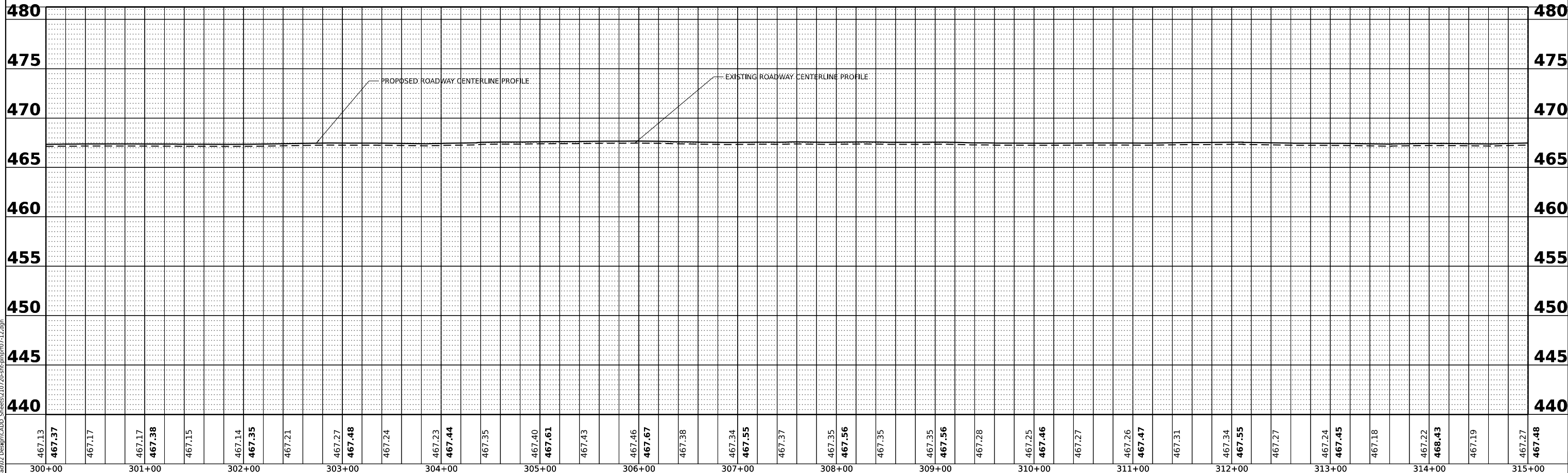
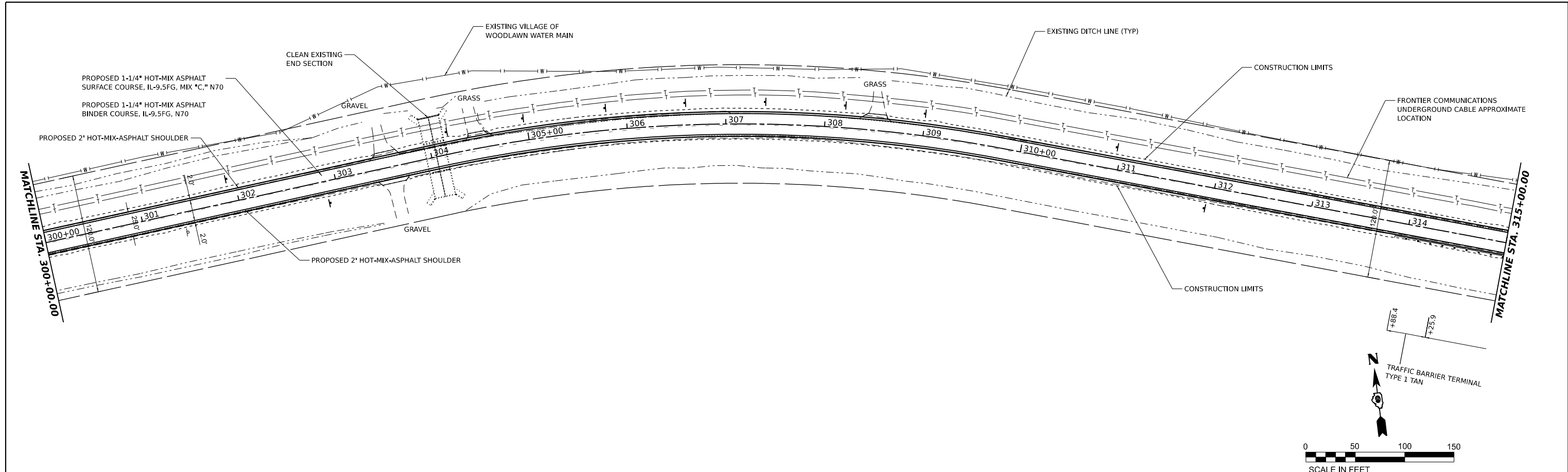
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50'
 SHEET ___ OF ___ SHEETS
 STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	25
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
NOTE BOOK NO.	STRUCTURE NOTATIONS CHECKED	



MODEL: RichView - PPI11 (Sheet)
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300+00	301+00	302+00	303+00	304+00	305+00	306+00	307+00	308+00	309+00	310+00	311+00	312+00	313+00	314+00	315+00																															

HAMPTON, LENZINI AND RENWICK, INC.
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 18-000999

USER NAME	ariegler	DESIGNED	-	REVISED	-
DRAWN	-	REVISIONS	-	REVISIONS	-
PLOT SCALE	0.16666667 / in.	CHECKED	-	REVISIONS	-
PLOT DATE	7/7/2023	DATE	-	REVISIONS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

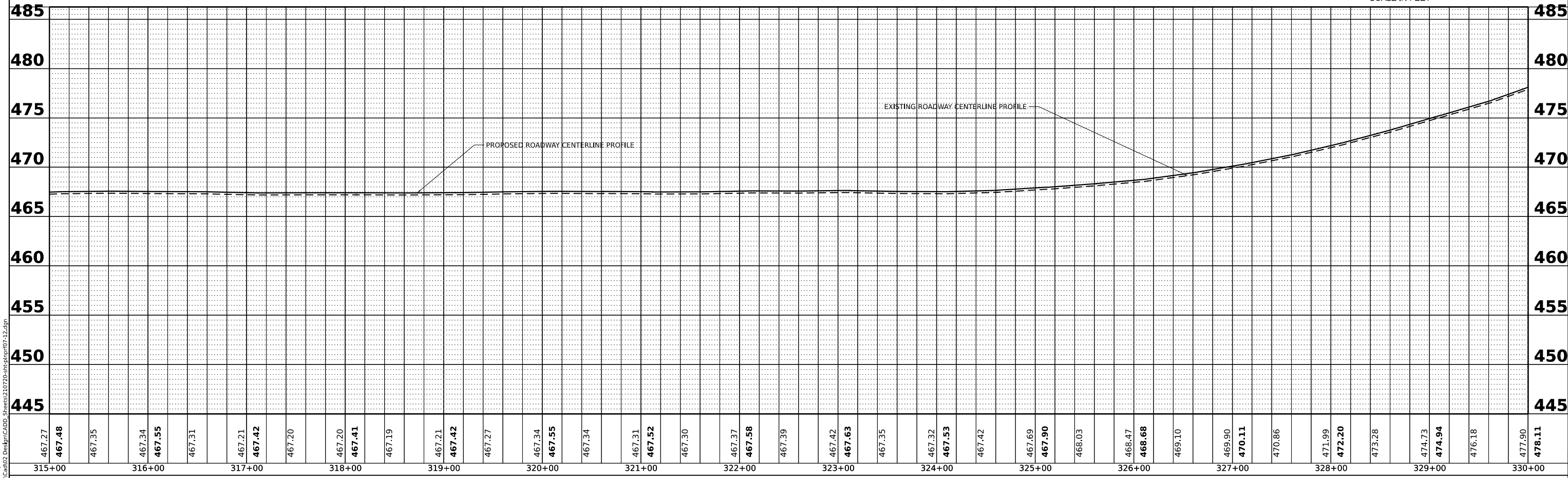
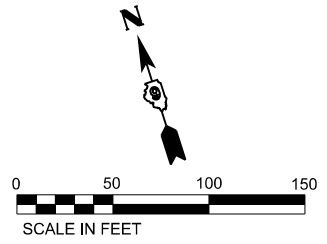
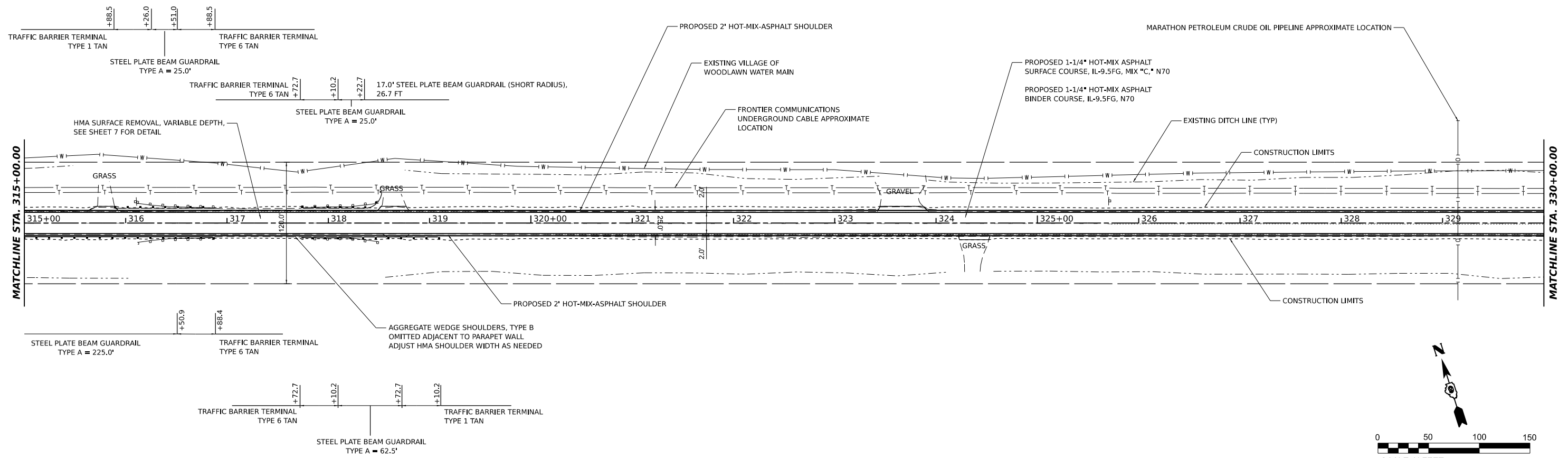
**RICHVIEW ROAD
PLAN AND PROFILE**
SCALE: 1"=50'
SHEET ___ OF ___ SHEETS
STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	26
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADE CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

MODEL: RichView - PPI12 (Sheet)
 FILE NAME: P:\2021\1210720\RichView\2021-Design\CADD_Sheets\1210720-Profile\RichView07-12.dgn



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315+00	316+00	317+00	318+00	319+00	320+00	321+00	322+00	323+00	324+00	325+00	326+00	327+00	328+00	329+00	330+00																														

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-000999

USER NAME	= ariegler	DESIGNED -	_____	REVISED -	_____
DRAWN -	_____	REVISOR -	_____	REVISOR -	_____
CHECKED -	_____	REVISOR -	_____	REVISOR -	_____
DATE	= 7/7/2023	REVISOR -	_____	REVISOR -	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PLAN AND PROFILE**

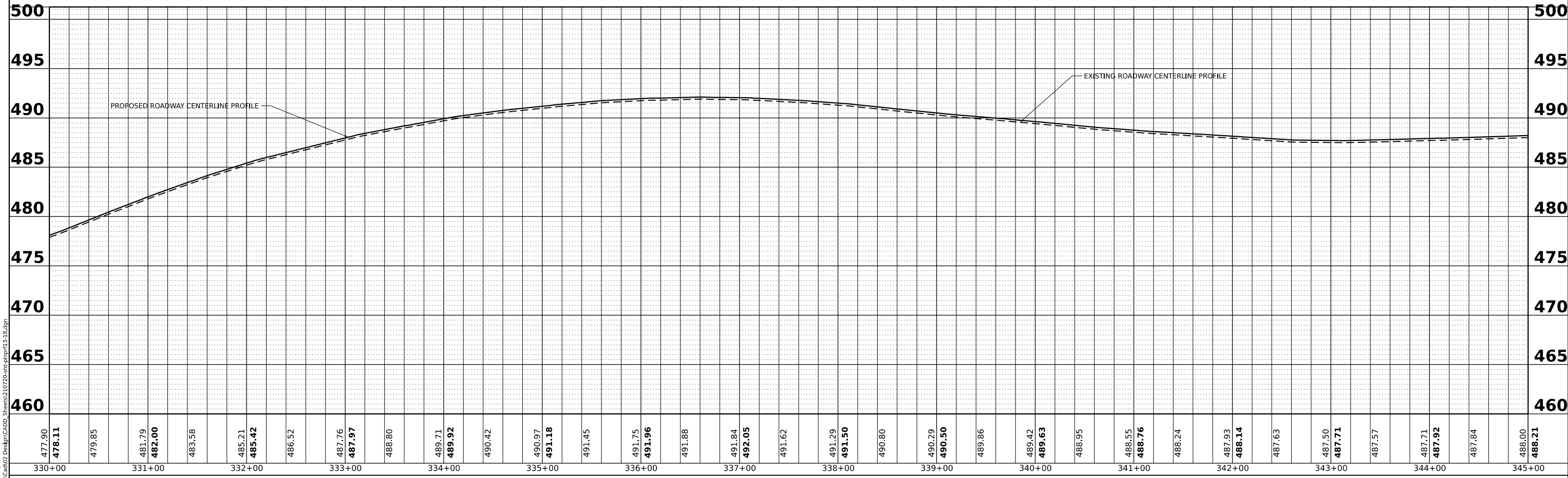
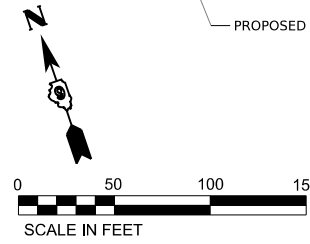
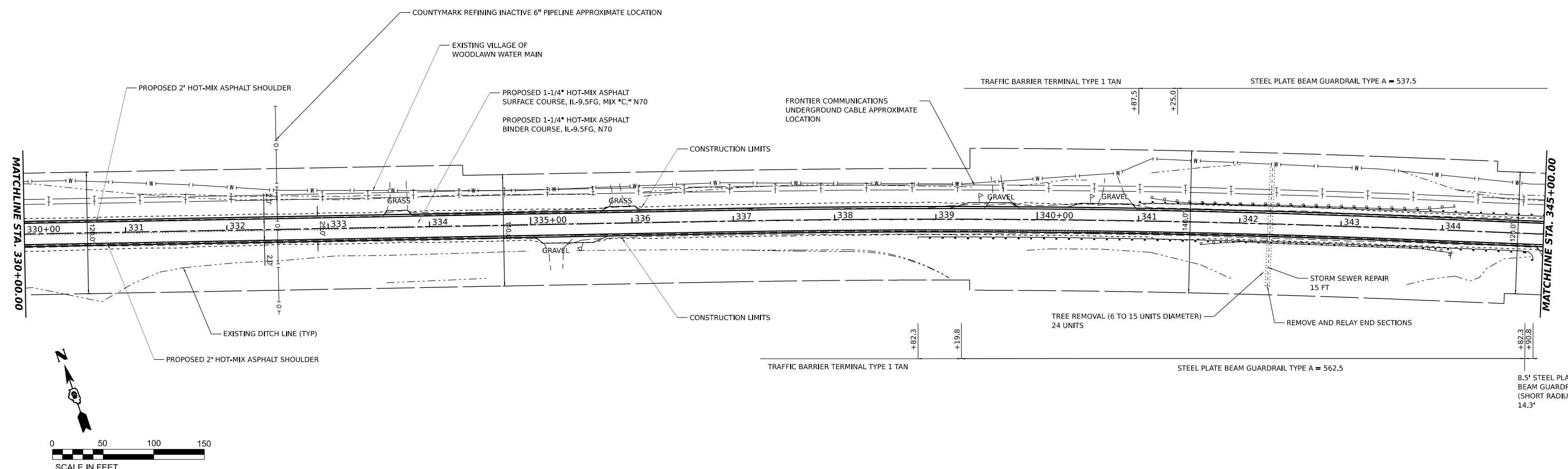
SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	27
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADE CHECKED	
CADD FILE NAME	
NO.	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NO.	
PROFILE	
NOTE BOOK	
NO.	

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HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LSI / PE / SE CORP. 184-000999

USER NAME	arietgler	DESIGNED -	REVISD -
		DRAWN -	REVISD -
PLLOT SCALE	0.16666667 1/ in.	CHECKED -	REVISD -
PLLOT DATE	7/7/2023	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

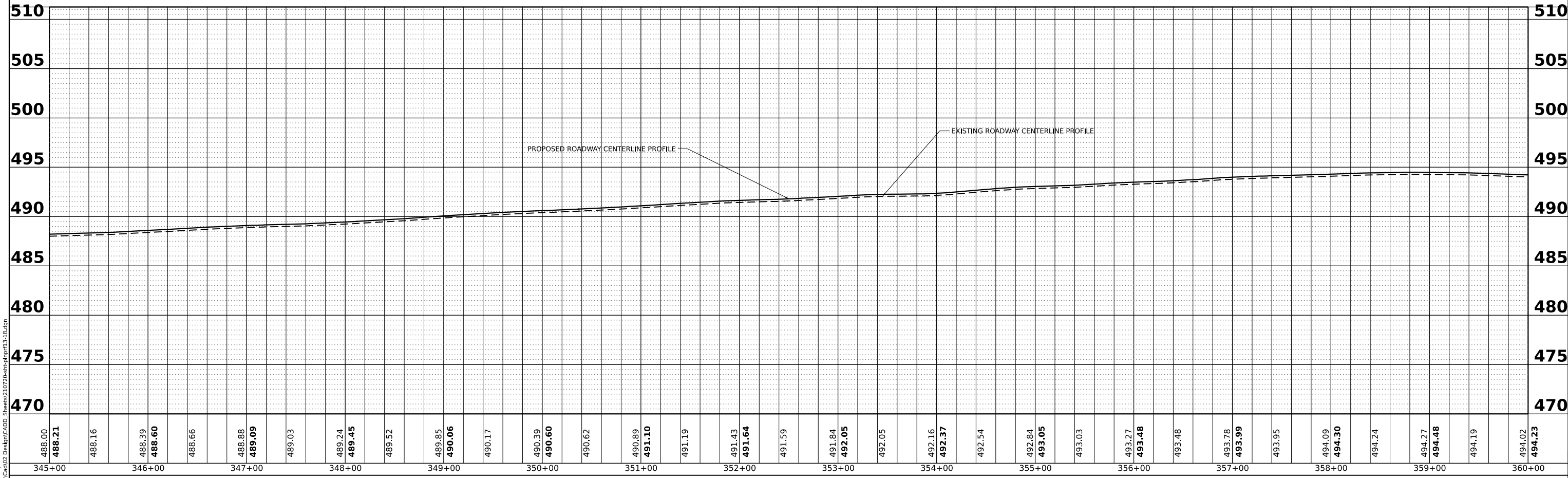
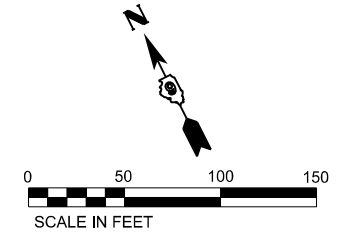
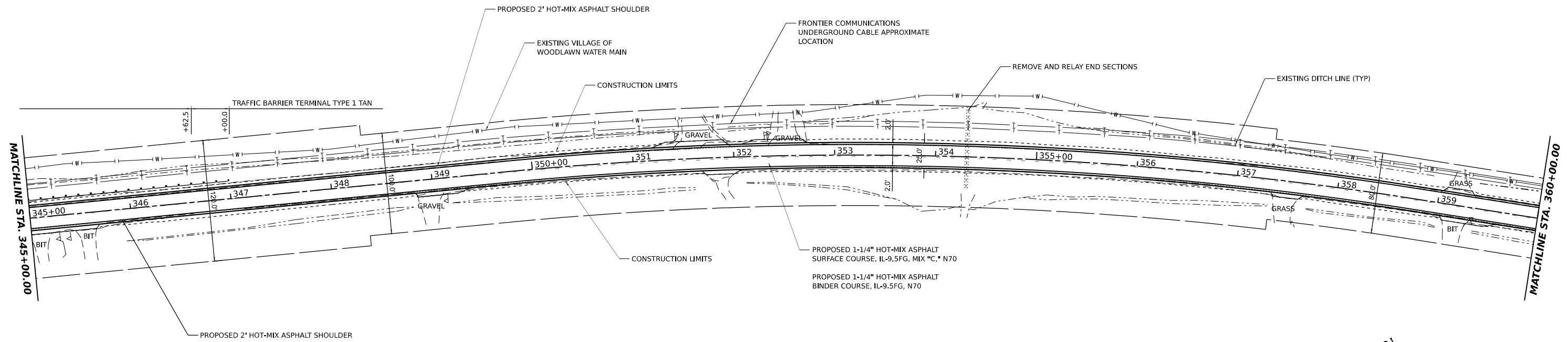
**RICHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50'

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	28
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SUBMITTED	
PLANNED	
ALIGNED	
CHECKED	
FILE NAME	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
SUBMITTED	
PLANNED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
PROFILE	
NOTE BOOK	
NO.	

MODEL: RichView - PPI14 (Sheet)
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HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	arietler	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	0.16666667 1/ in.	CHECKED	-	REVISED	-
PLOT DATE	7/7/2023	DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

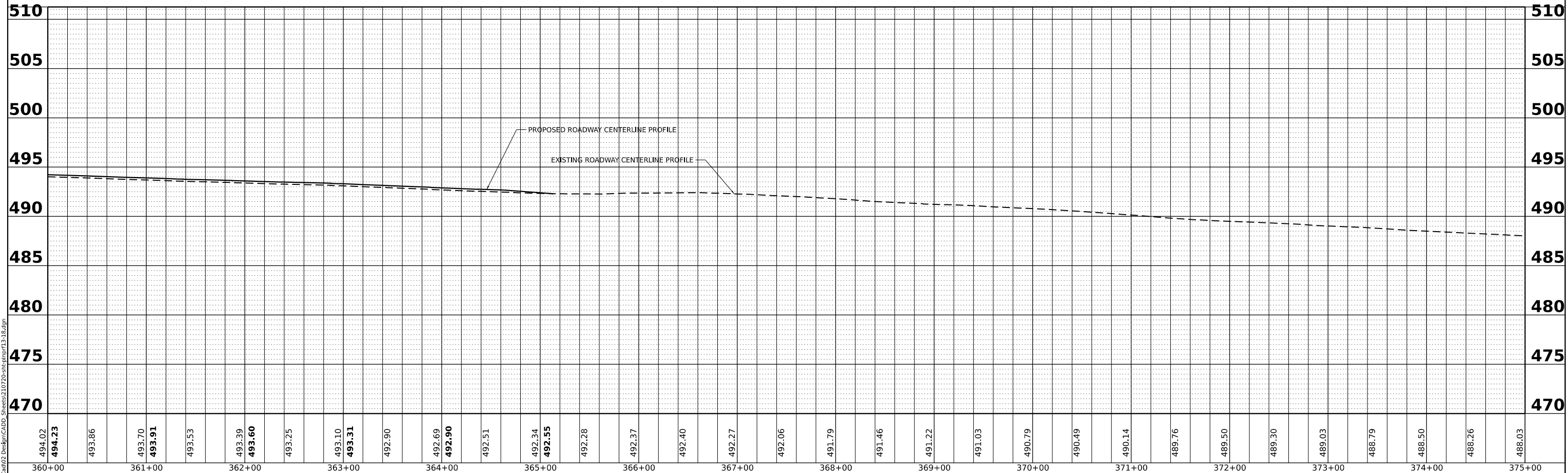
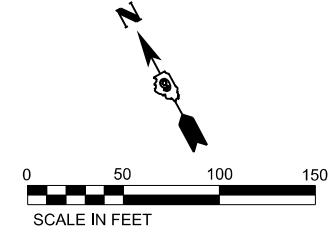
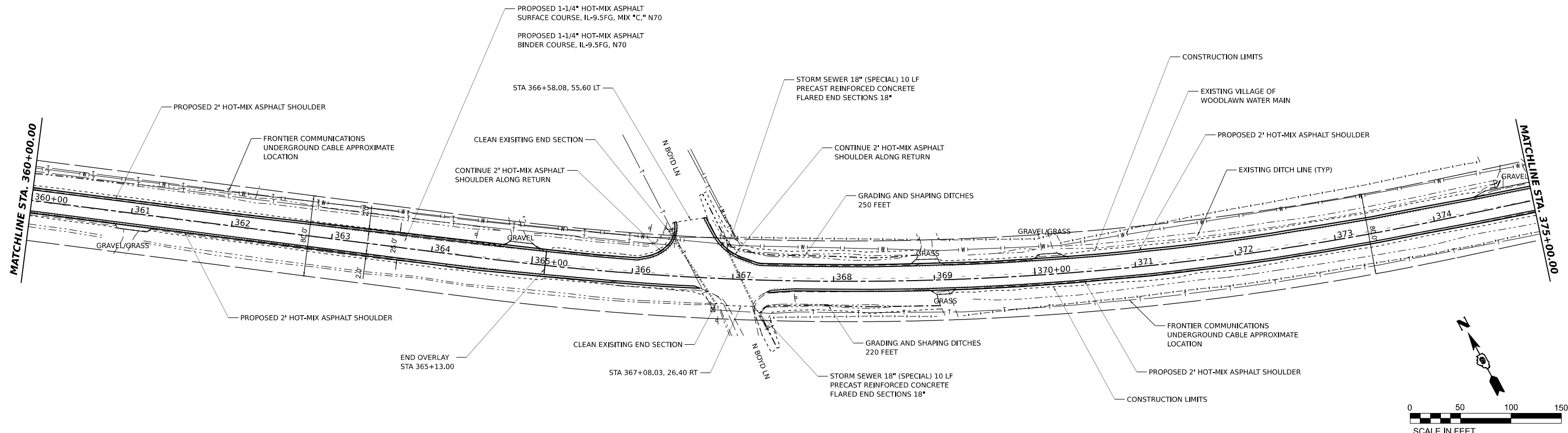
**RICHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. ___ TO STA. ___

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	29
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

MODEL: RichView - PPI15 (Sheet)
 FILE NAME: P:\2021\12\07\2021Cad02_Design\CADD_Sheets\210720-struct\ppr13-18.dgn



494.02	494.23	493.86	493.70	493.91	493.53	493.39	493.60	493.25	493.10	493.31	492.90	492.69	492.90	492.51	492.34	492.55	492.28	492.37	492.40	492.27	492.06	491.79	491.46	491.22	491.03	490.79	490.49	490.14	489.76	489.50	489.30	489.03	488.79	488.50	488.26	488.03		
360+00	361+00	362+00	363+00	364+00	365+00	366+00	367+00	368+00	369+00	370+00	371+00	372+00	373+00	374+00	375+00																							

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-000999

USER NAME	arietgler	DESIGNED -	_____	REVISED -	_____
		DRAWN -	_____	REVISED -	_____
PLOT SCALE	0.16666667 1/ in.	CHECKED -	_____	REVISED -	_____
PLOT DATE	7/7/2023	DATE -	_____	REVISED -	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PLAN AND PROFILE**

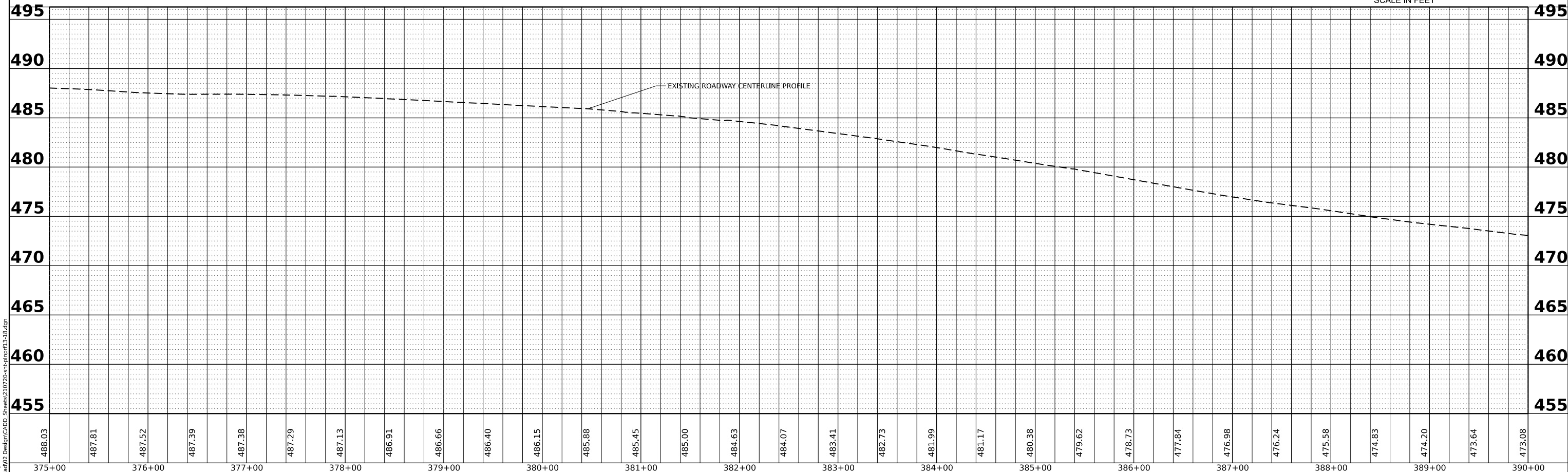
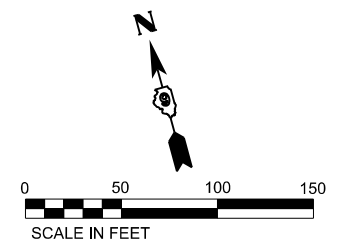
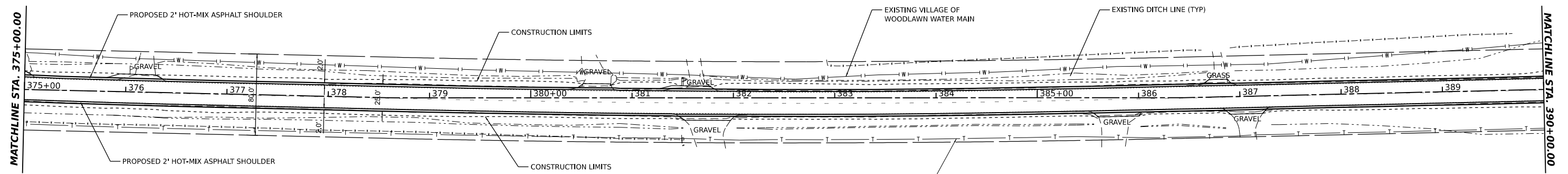
SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. ___ TO STA. ___

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	30
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
CADD FILE NAME	

MODEL: RichView - PPI16 [Sheet]
 FILE NAME: P:\2021\12\10\2021cad02_Design\CADD_Sheets\210720-richtownr13-18.dgn



HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-000099

USER NAME	arietgler	DESIGNED -	____	REVISED -	____
		DRAWN -	____	REVISED -	____
PLOT SCALE	0.16666667 ' / in.	CHECKED -	____	REVISED -	____
PLOT DATE	7/7/2023	DATE -	____	REVISED -	____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PLAN AND PROFILE**

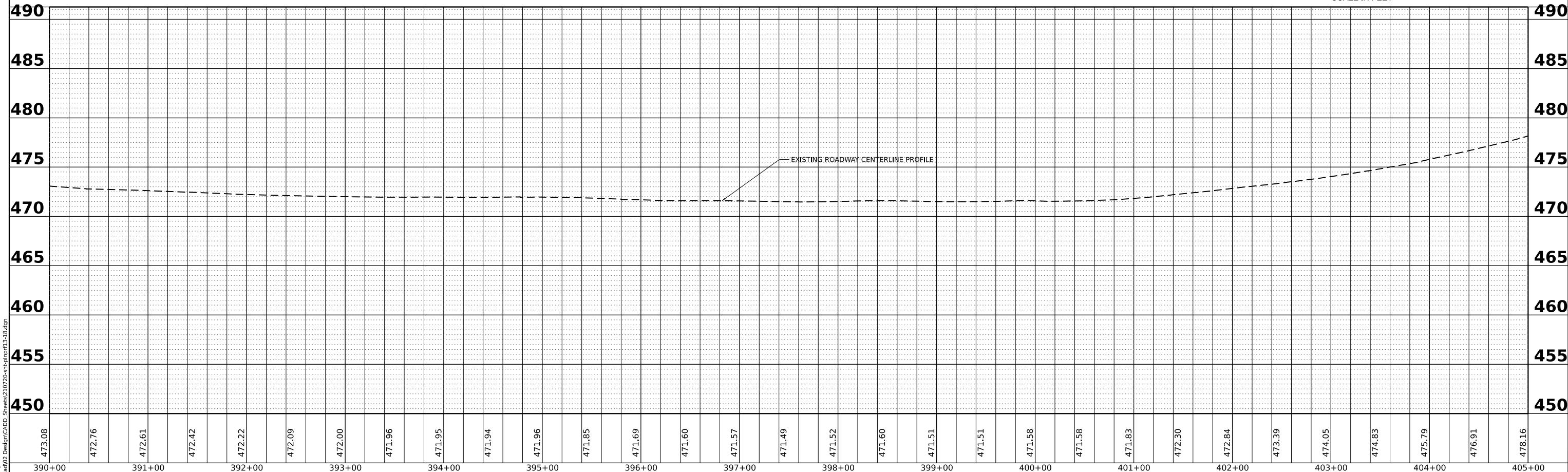
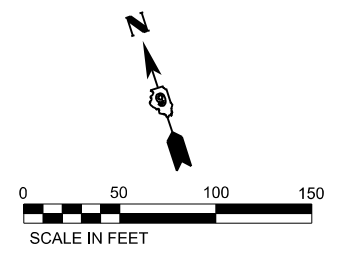
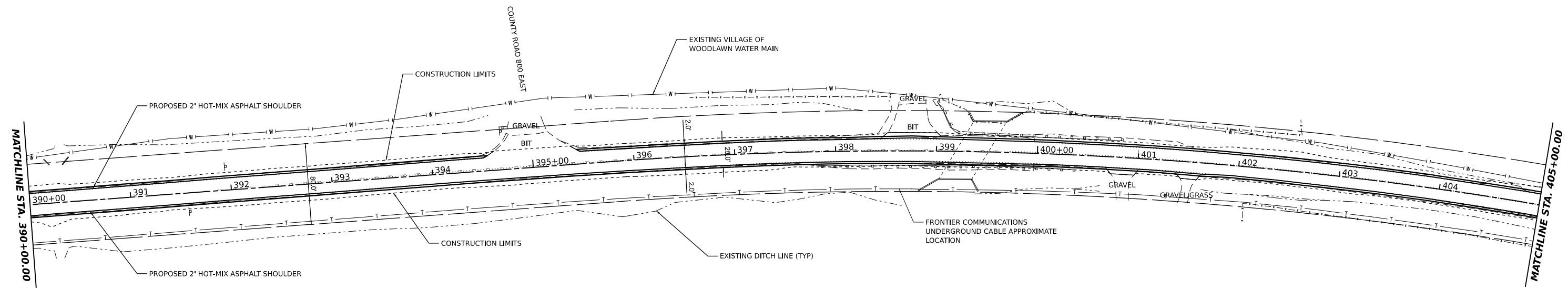
SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	31
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
PLAN	
NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
PROFILE	
NOTE BOOK NO.	

MODEL: RichView - PP17 (Sheet)
 FILE NAME: P:\2021\1210720\RichView\RichView.dwg
 SHEETS: 210720-RichView\pp17-18.dwg



HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 I.S. / P.E. / S.E. CORP. 184-000999

USER NAME	arietgler	DESIGNED -	_____	REVISED -	_____
DRAWN -	_____	REVISED -	_____	REVISED -	_____
CHECKED -	_____	REVISED -	_____	REVISED -	_____
DATE	7/7/2023	DATE	_____	REVISED -	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

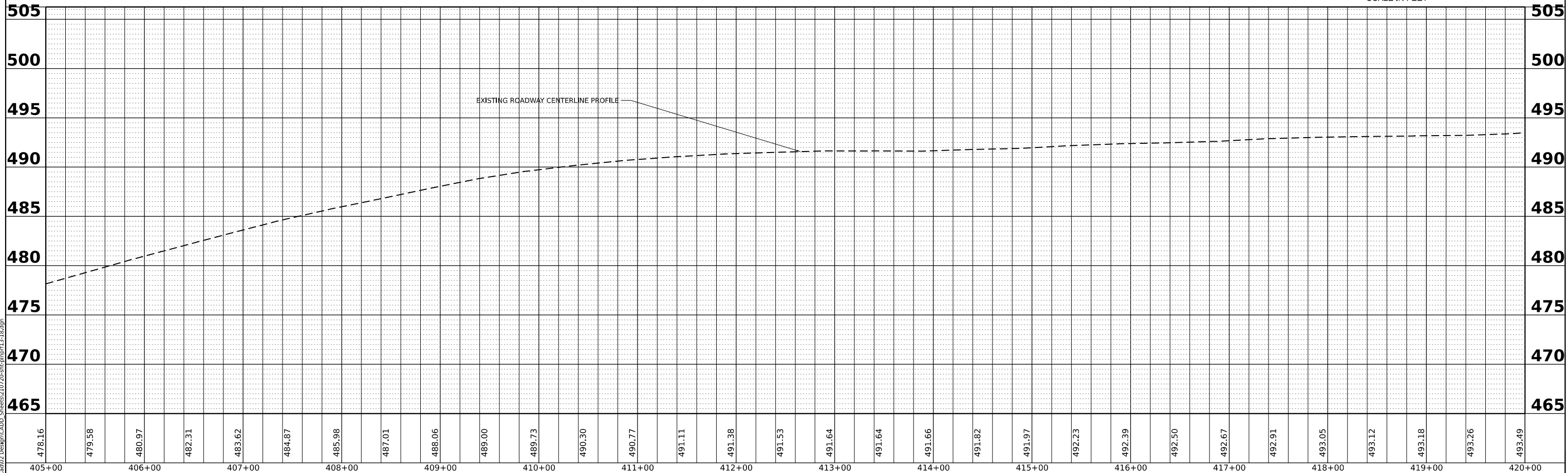
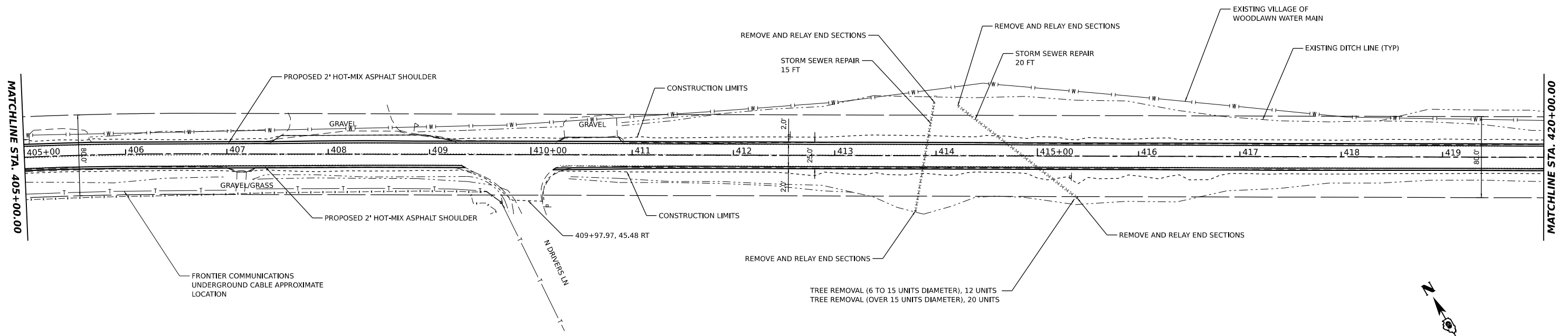
**RICHVIEW ROAD
 PLAN AND PROFILE**

SCALE: 1"=50'
 SHEET ___ OF ___ SHEETS
 STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	32
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	GRADED	
	FILED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



MODEL: RichView - PP18 (Sheet)
 FILE NAME: P:\2021\1210720\RichView.dwg
 USER: ariegler

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	ariegler	DESIGNED -	REVISD -
DRAWN -		REVISD -	
CHECKED -		REVISD -	
DATE -	7/7/2023	REVISD -	

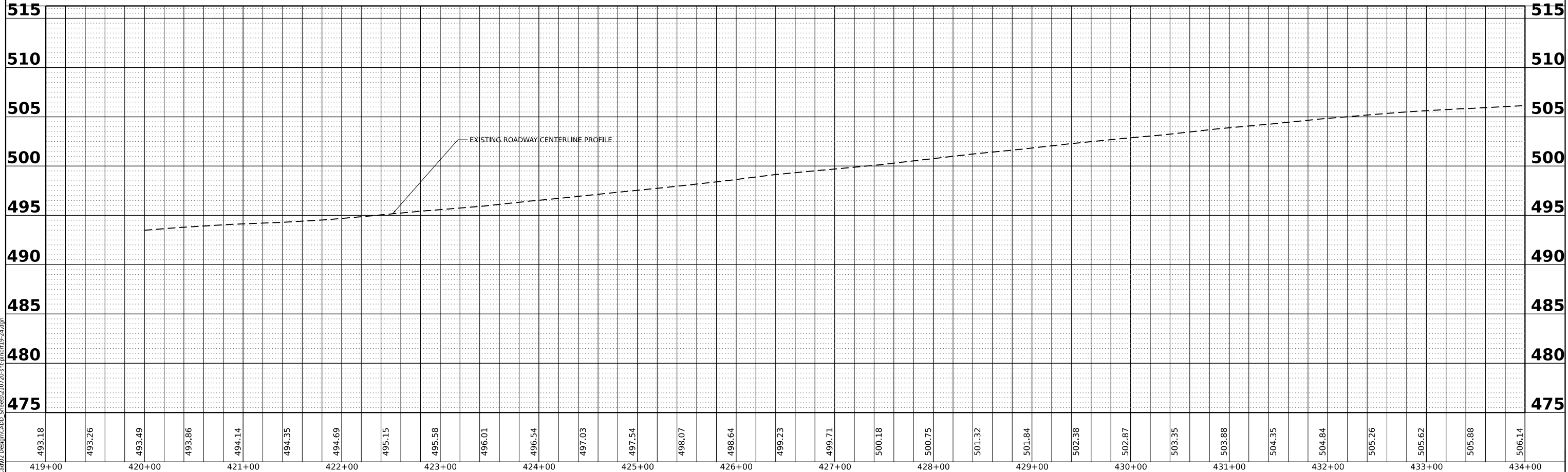
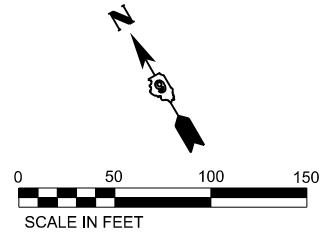
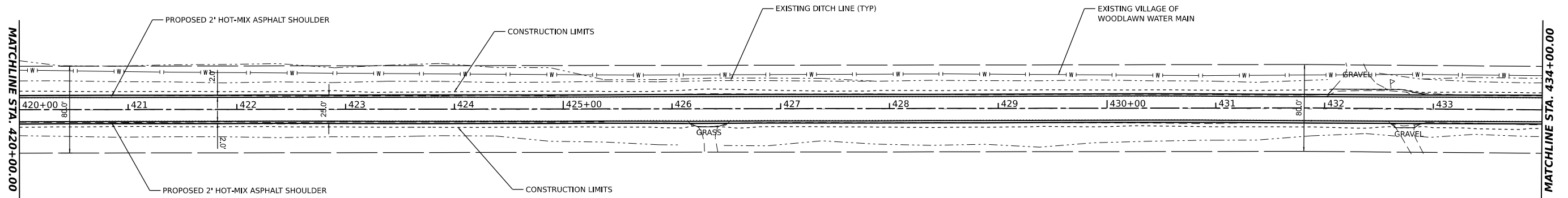
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. ___ TO STA. ___

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	33
				CONTRACT NO. 99714
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	



MODEL: RichView - PPI19 (Sheet)
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HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	arietgler	DESIGNED -	____	REVISED -	____
		DRAWN -	____	REVISED -	____
PLOT SCALE	0.16666667 1/ in.	CHECKED -	____	REVISED -	____
PLOT DATE	7/7/2023	DATE -	____	REVISED -	____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

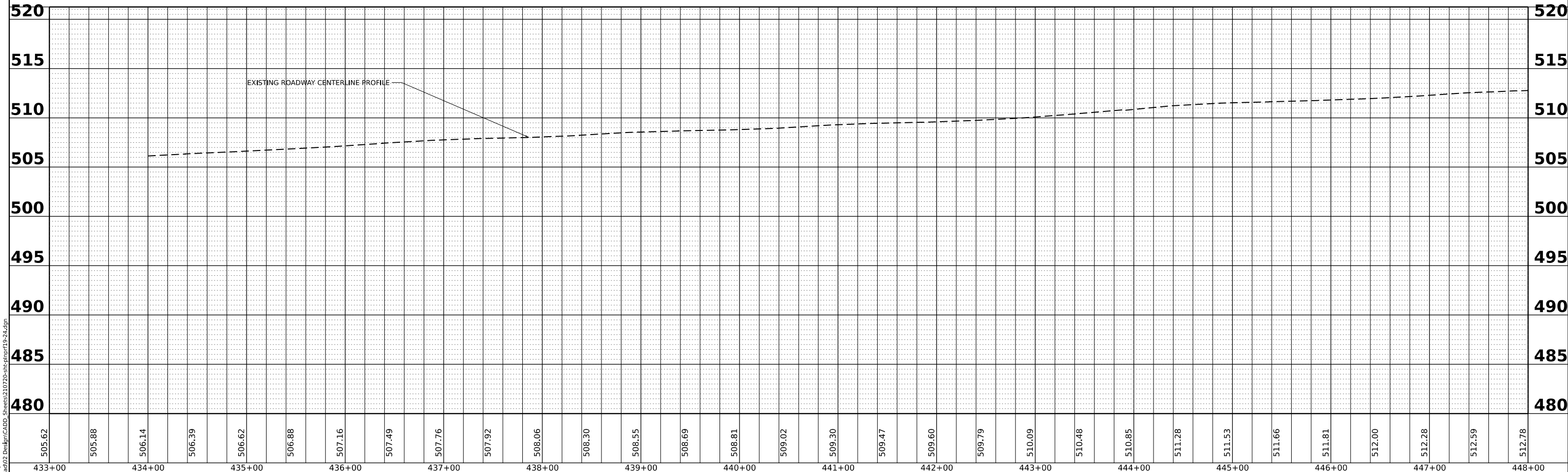
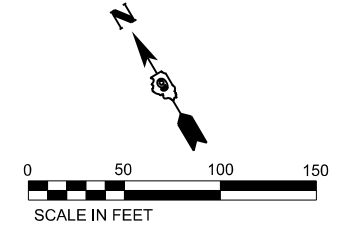
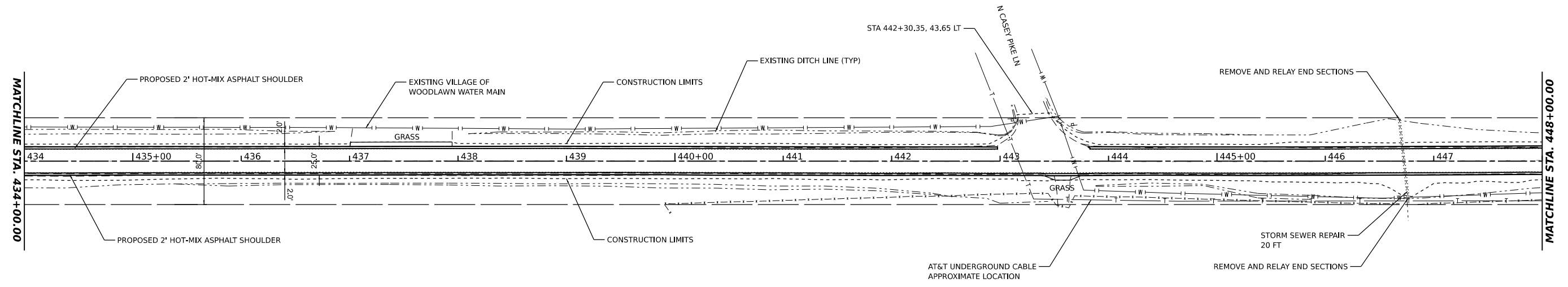
**RICHVIEW ROAD
 PLAN AND PROFILE**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. ___ TO STA. ___

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	34
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
CADD FILE NAME	
PLAN	
NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
PROFILE	
NOTE BOOK NO.	



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 DESIGNED BY: ariegler
 DRAWN BY: ariegler
 CHECKED BY: ariegler
 DATE: 7/7/2023

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	ariegler	DESIGNED -	REVISOR -
PLLOT SCALE	0.16666667 / 1 in.	DRAWN -	REVISOR -
PLLOT DATE	7/7/2023	CHECKED -	REVISOR -
		DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

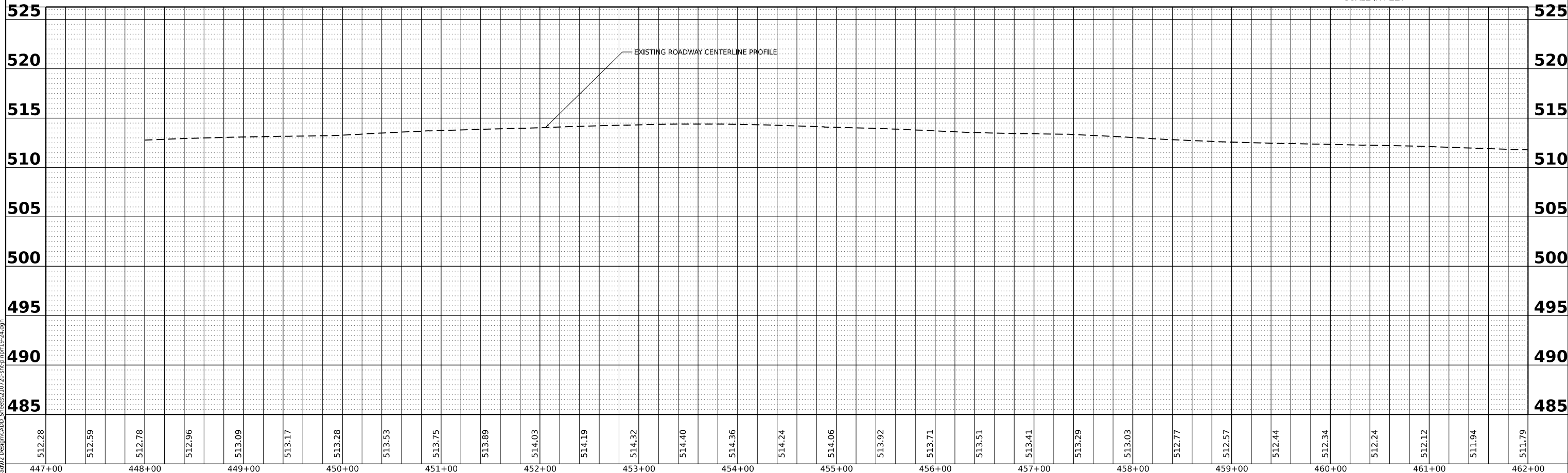
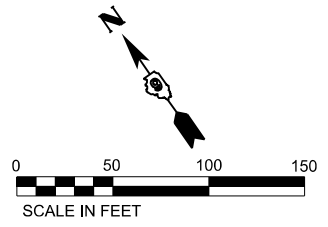
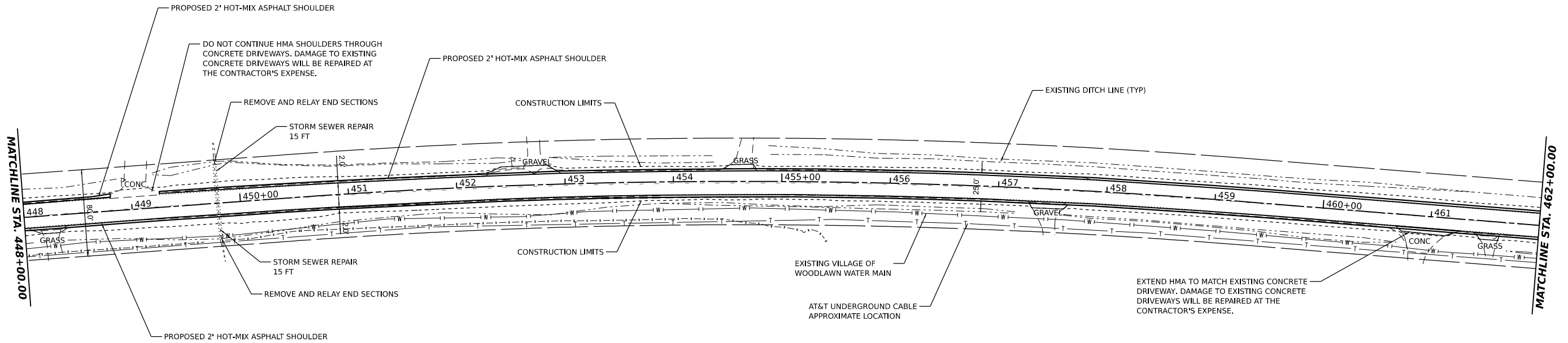
RICHVIEW ROAD
PLAN AND PROFILE

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	25
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	



MODEL: RichView - P21 (Sheet)
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DESIGNER: ariegler

HAMPTON, LENZINI AND RENWICK, INC.
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 18-00099

USER NAME = ariegler
DESIGNED -
DRAWN -
CHECKED -
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

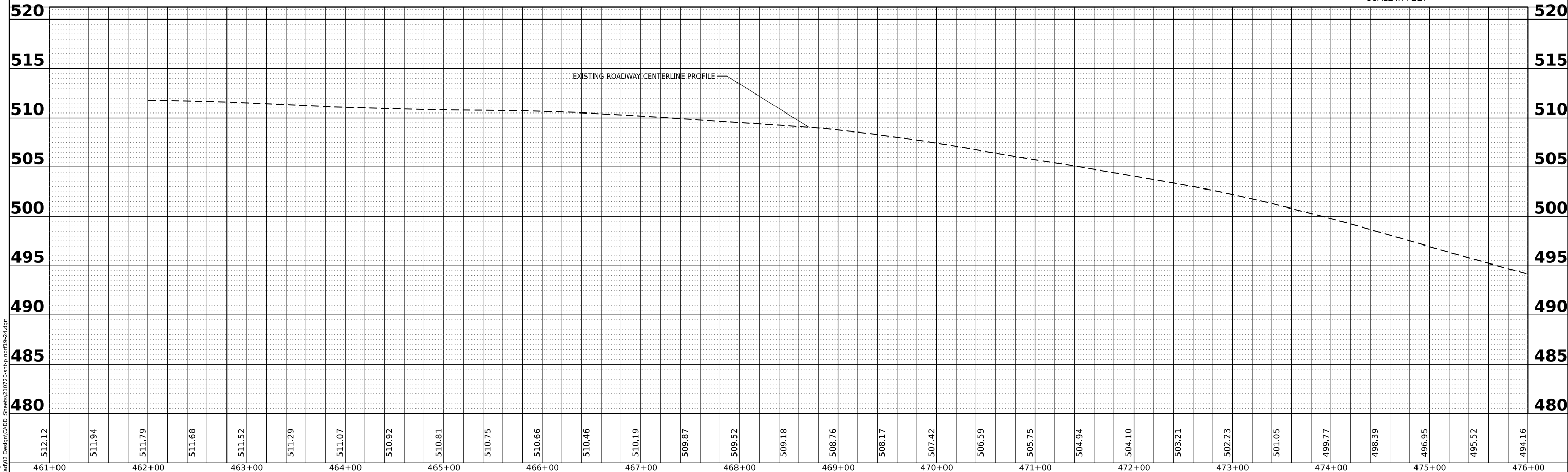
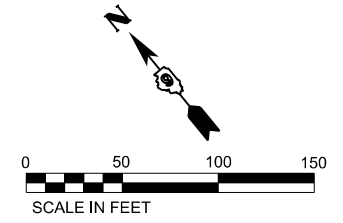
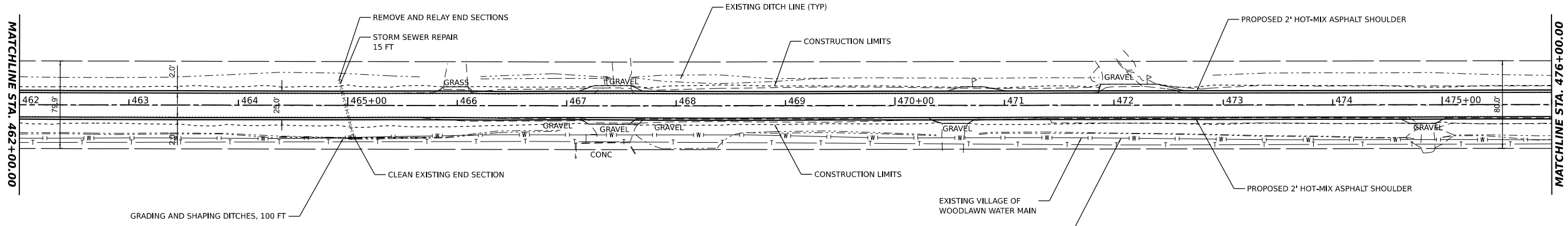
**RICHVIEW ROAD
PLAN AND PROFILE**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. ___ TO STA. ___

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	36
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTINGS CHKD	
	NOTE BOOK NO.	



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HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184-000969

USER NAME	ariegler	DESIGNED -	_____	REVISED -	_____
		DRAWN -	_____	REVISED -	_____
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PLOT DATE	7/7/2023	DATE -	_____	REVISED -	_____

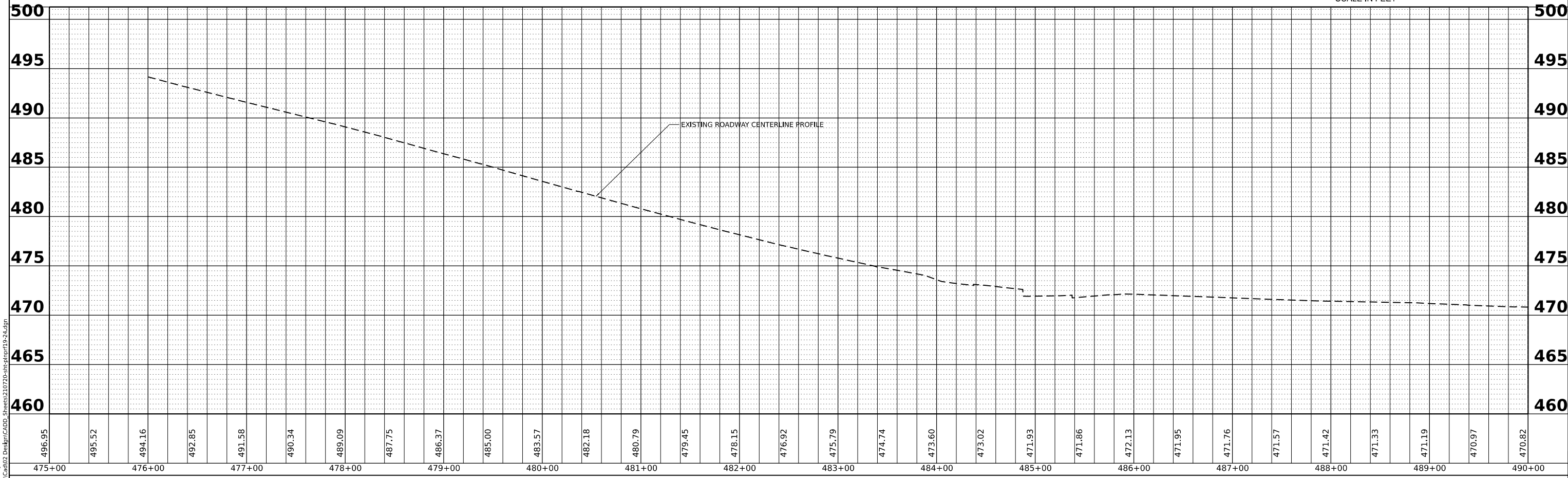
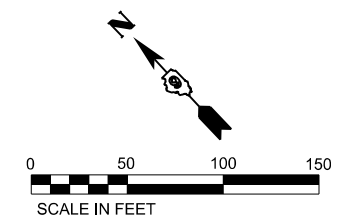
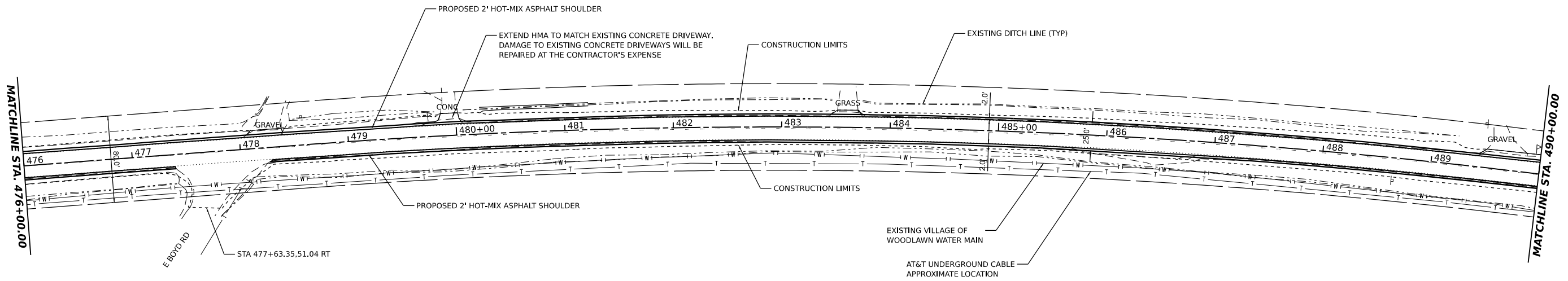
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PLAN AND PROFILE**
 SCALE: 1"=50'
 SHEET ___ OF ___ SHEETS
 STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	37
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
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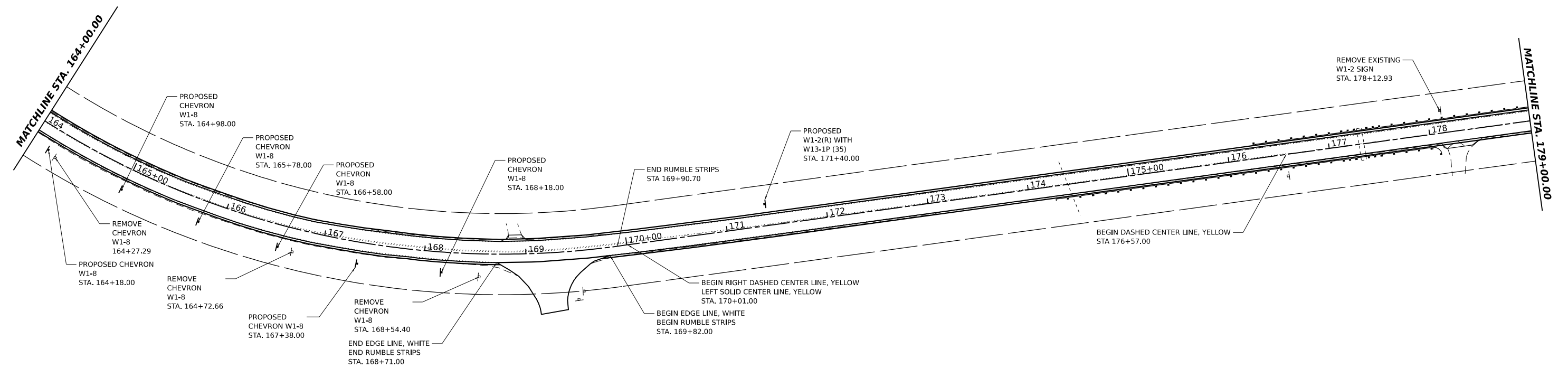
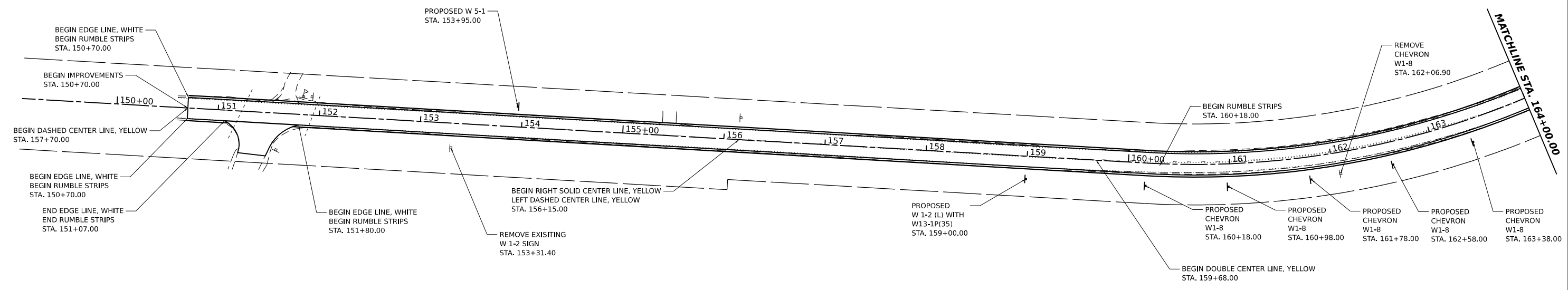
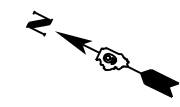
HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 18-000999

USER NAME	ariegler	DESIGNED -	_____	REVISED -	_____
DRAWN -	_____	REVISOR -	_____	REVISOR -	_____
CHECKED -	_____	REVISOR -	_____	REVISOR -	_____
DATE	7/7/2023	DATE	_____	DATE	_____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD PLAN AND PROFILE	
SCALE: 1"=50'	SHEET ___ OF ___ SHEETS
STA. _____	TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	38
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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 ILLINOIS PROFESSIONAL DESIGN FIRM
 L.S. / P.E. / S.E. CORP. 184.000955

HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 L.S. / P.E. / S.E. CORP. 184.000955

USER NAME = ariegler
 PLOT SCALE = 0.16666667 / in.
 PLOT DATE = 7/7/2023

DESIGNED - _____
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 CHECKED - _____
 DATE - _____

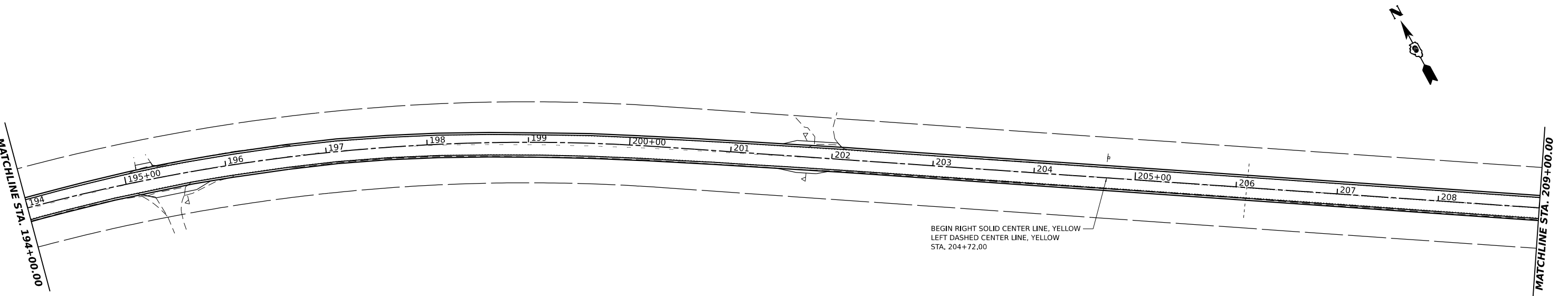
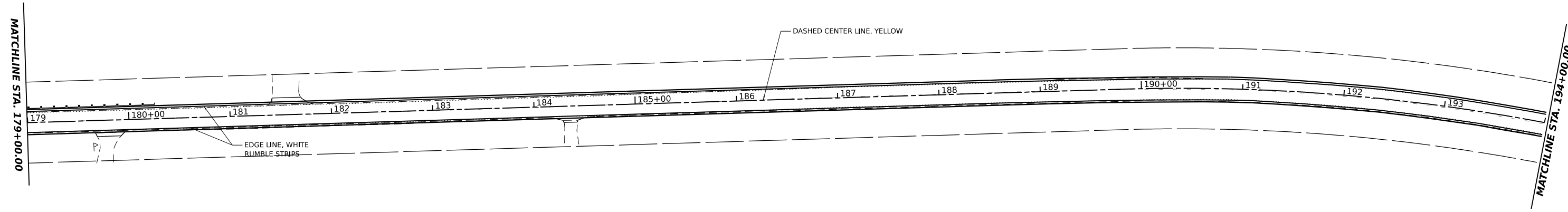
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 REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PAVEMENT MARKING PLANS**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. ___ TO STA. ___

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	40
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 L.S. / P.E. / S.E. CORP. 184.000655

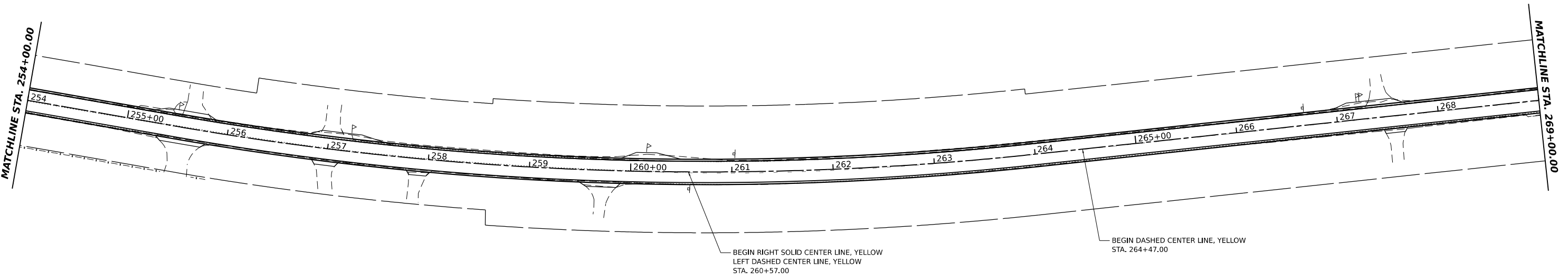
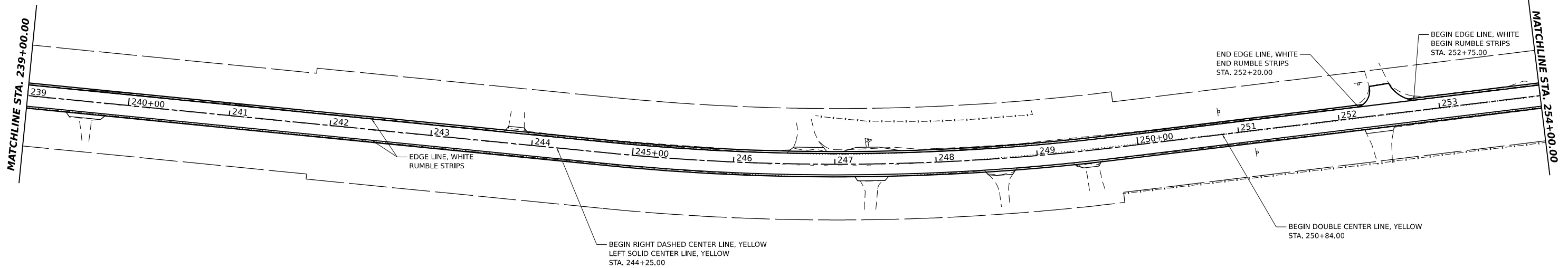
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DRAWN -	_____	REVISED -	_____		
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PLOT DATE	7/7/2023	DATE -	_____	REVISED -	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PAVEMENT MARKING PLANS**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	41
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000555

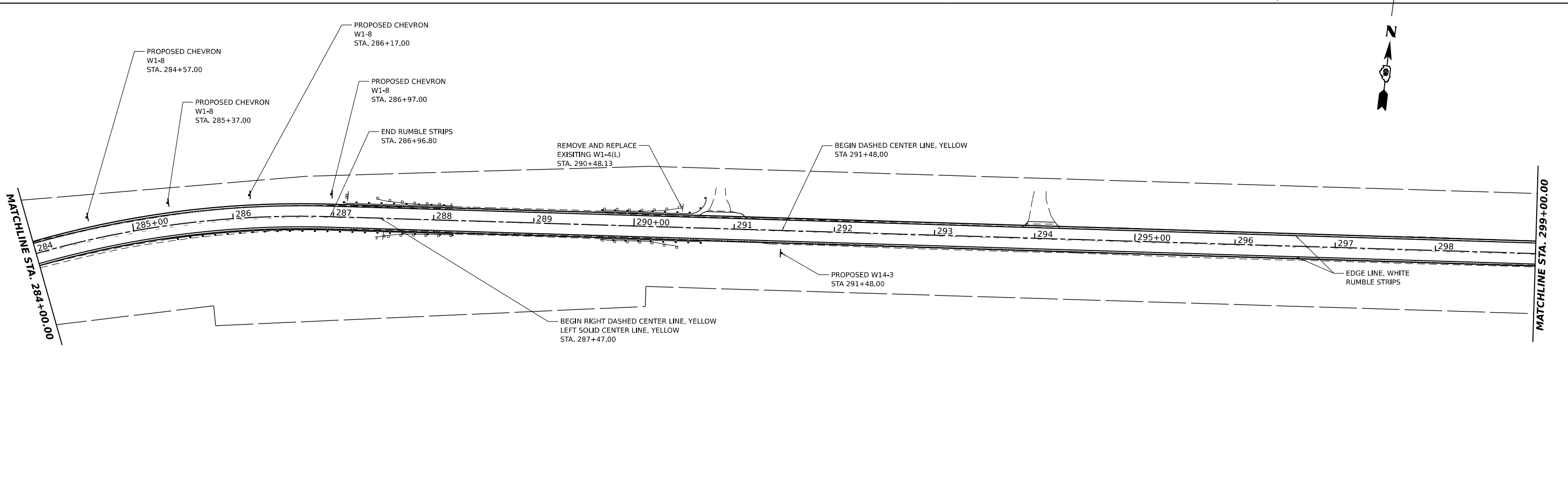
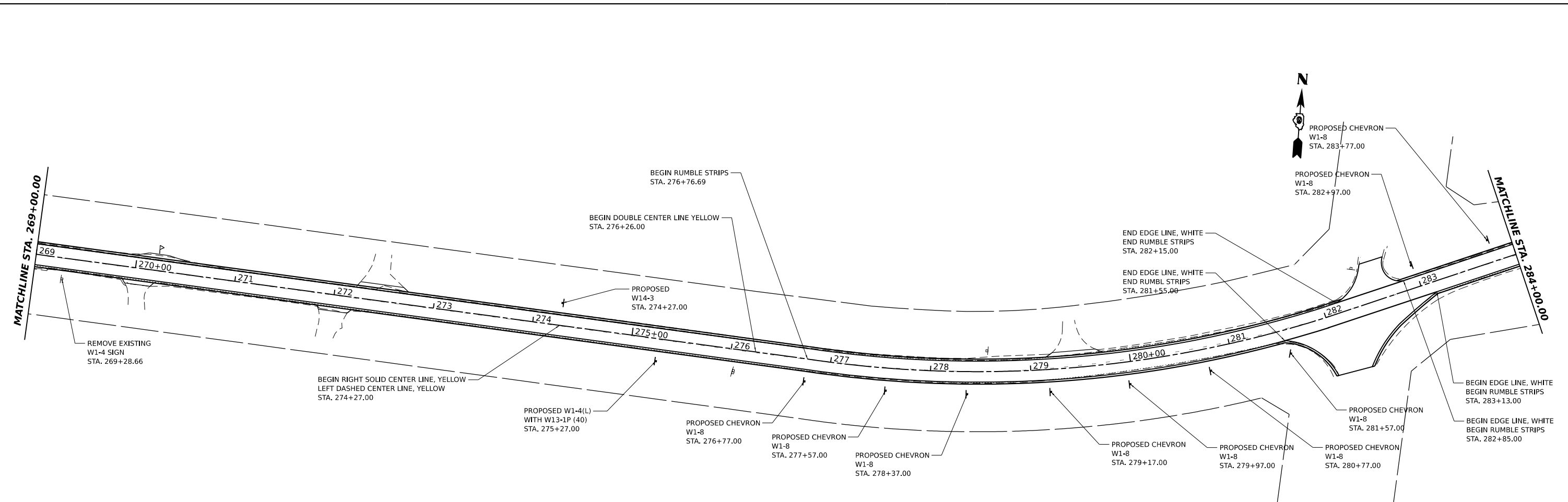
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DRAWN -	_____	REVISED -	_____		
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PLOT DATE	7/7/2023	DATE -	_____	REVISED -	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PAVEMENT MARKING PLANS**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	43
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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 DATE: 7/7/2023

HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 L.S. / P.E. / S.E. CORP. 184.000555

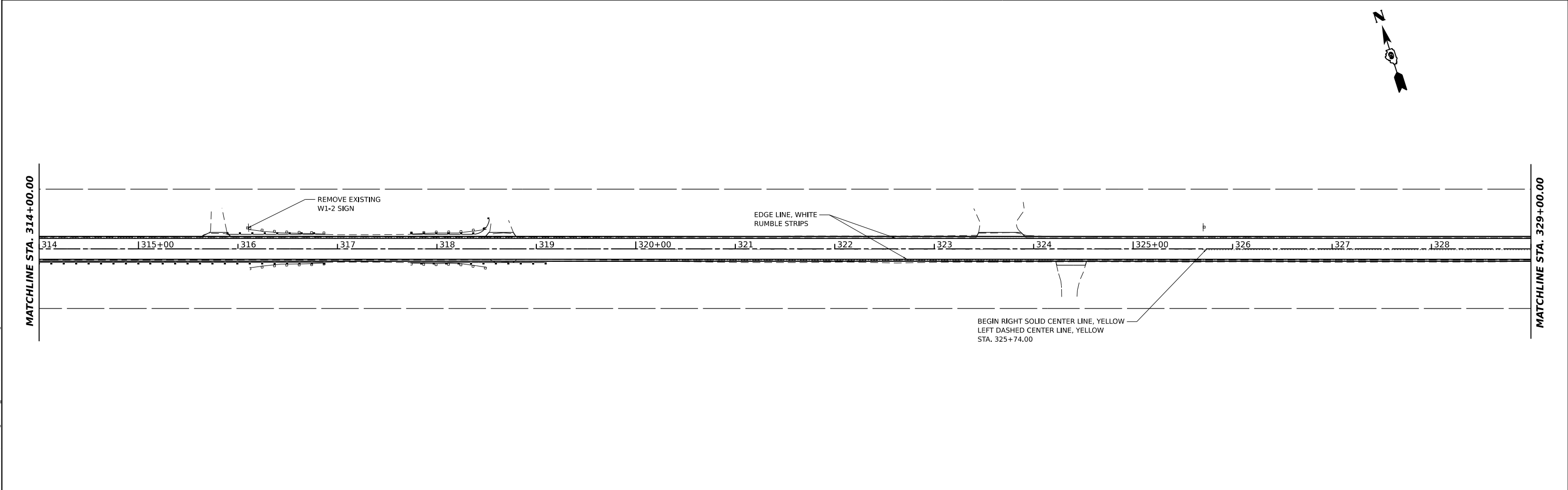
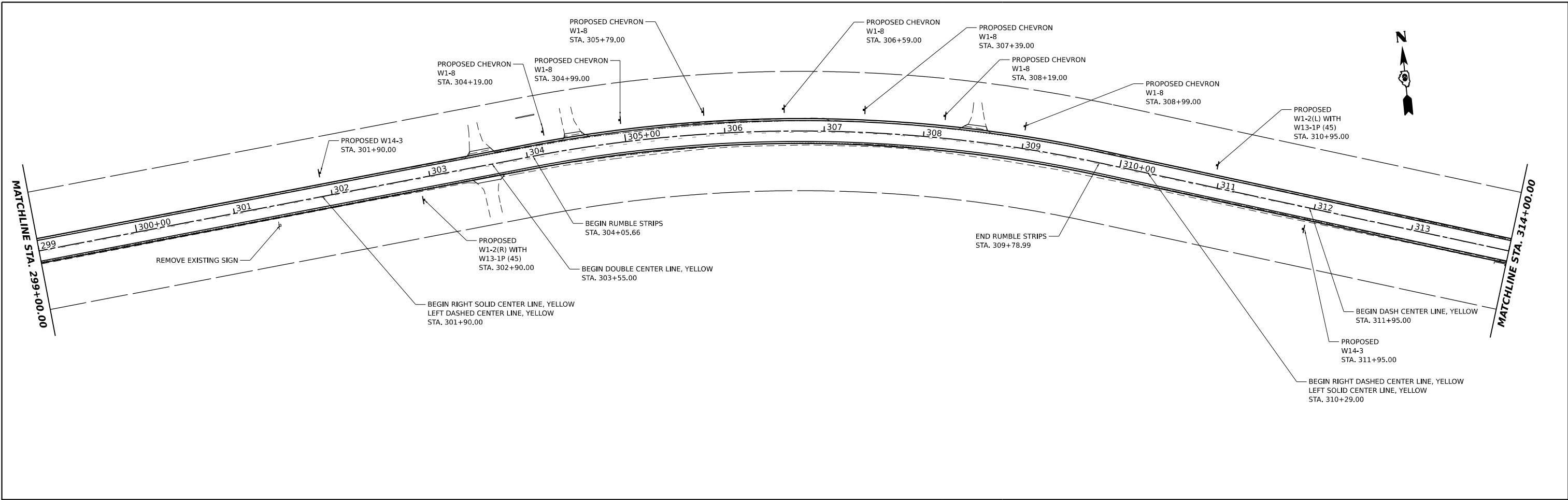
USER NAME	arietgler	DESIGNED -	REVISD -
DRAWN -		REVISD -	
CHECKED -		REVISD -	
DATE -		REVISD -	
PLOT SCALE	0.16666667 1/ in.		
PLOT DATE	7/7/2023		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD
PAVEMENT MARKING PLANS

SCALE: 1"=50'
 SHEET ___ OF ___ SHEETS STA. ___ TO STA. ___

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	44
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000655

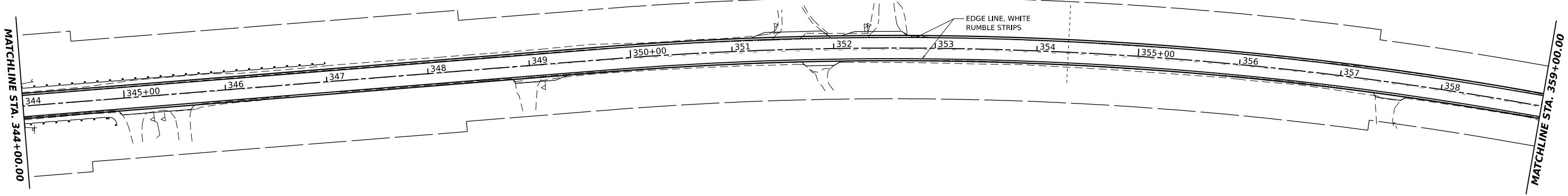
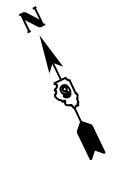
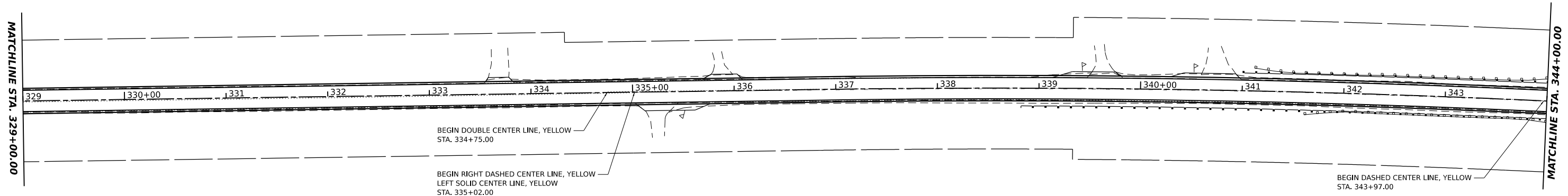
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DRAWN -	_____	REVISED -	_____	REVISED -	_____
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DATE	7/7/2023	DATE	_____	REVISED -	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD
PAVEMENT MARKING PLANS

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	45
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



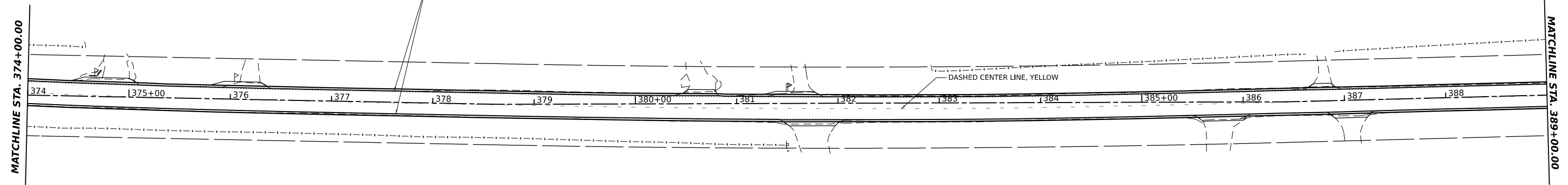
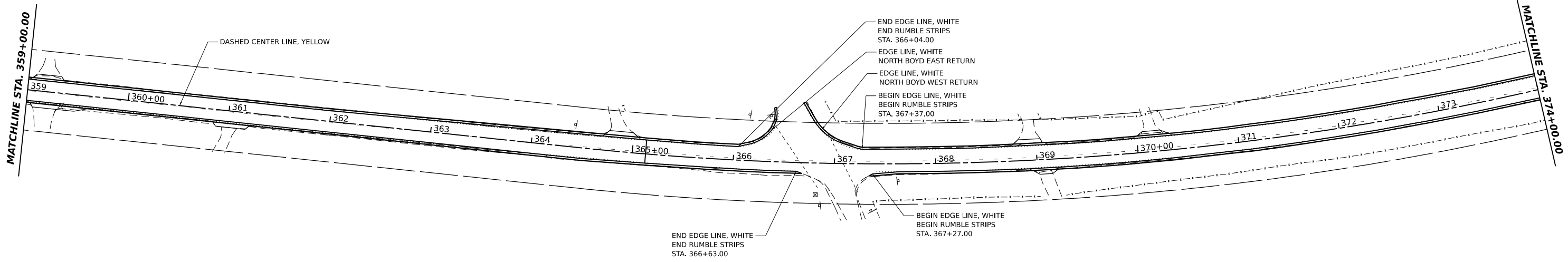
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 HAMPTON, LENZINI AND RENWICK, INC. 300 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORP. 184.000655	USER NAME = ariegler	DESIGNED - _____	REVISED - _____
	PLOT SCALE = 0.16666667 1/1 in.	DRAWN - _____	REVISED - _____
	PLOT DATE = 7/7/2023	CHECKED - _____	REVISED - _____
		DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD PAVEMENT MARKING PLANS			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	46
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000555

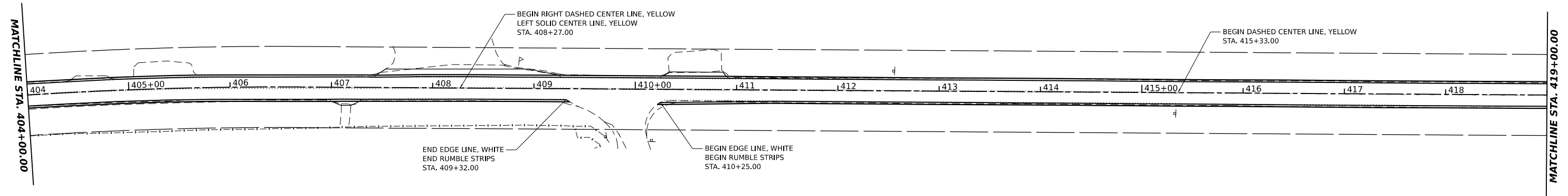
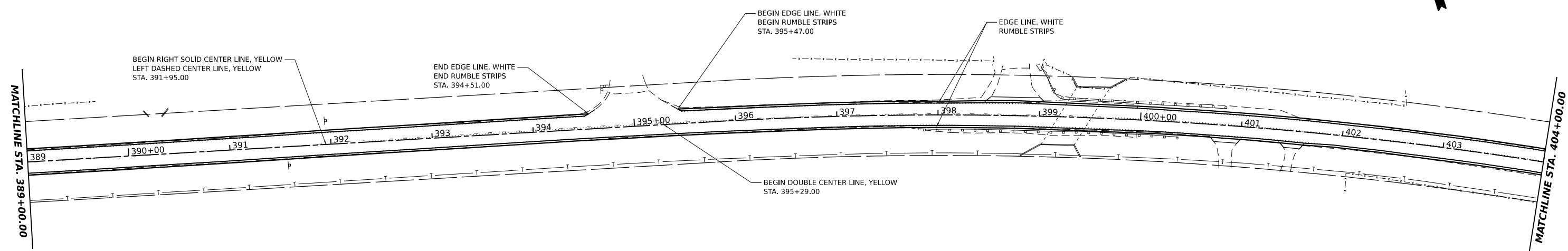
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DRAWN -	_____	REVISED -	_____		
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PLOT DATE	7/7/2023	DATE -	_____	REVISED -	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PAVEMENT MARKING PLANS**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	47
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 I.S. / P.E. / S.E. CORP. 184.000555

USER NAME = ariegler
 PLOT SCALE = 0.16666667 1/in.
 PLOT DATE = 7/7/2023

DESIGNED - _____
 DRAWN - _____
 CHECKED - _____
 DATE - _____

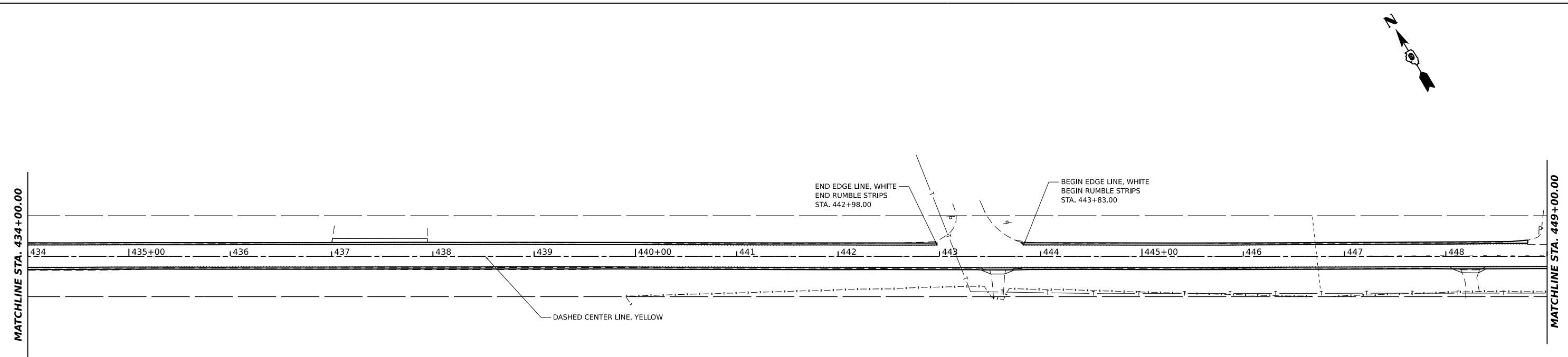
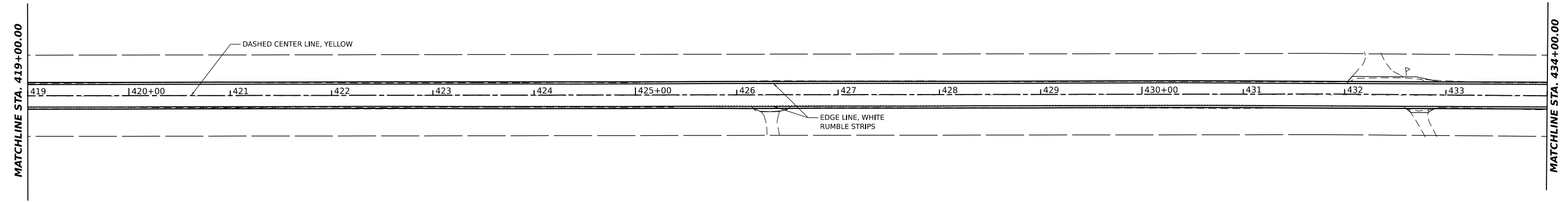
REVISED - _____
 REVISED - _____
 REVISED - _____
 REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PAVEMENT MARKING PLANS**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	48
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000555

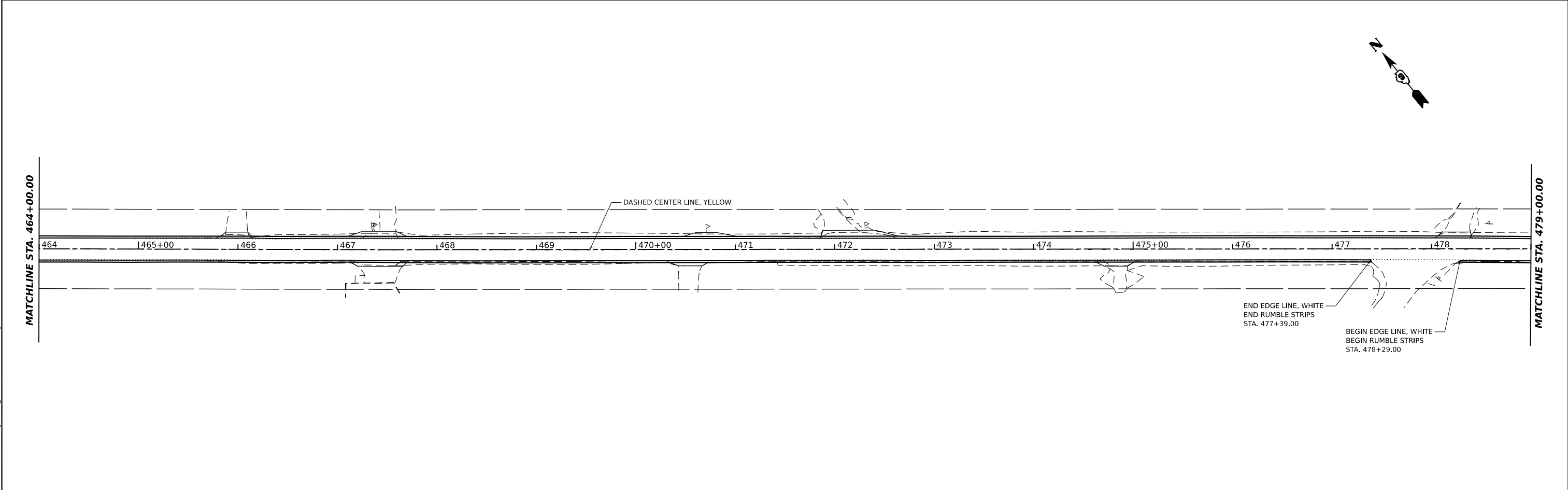
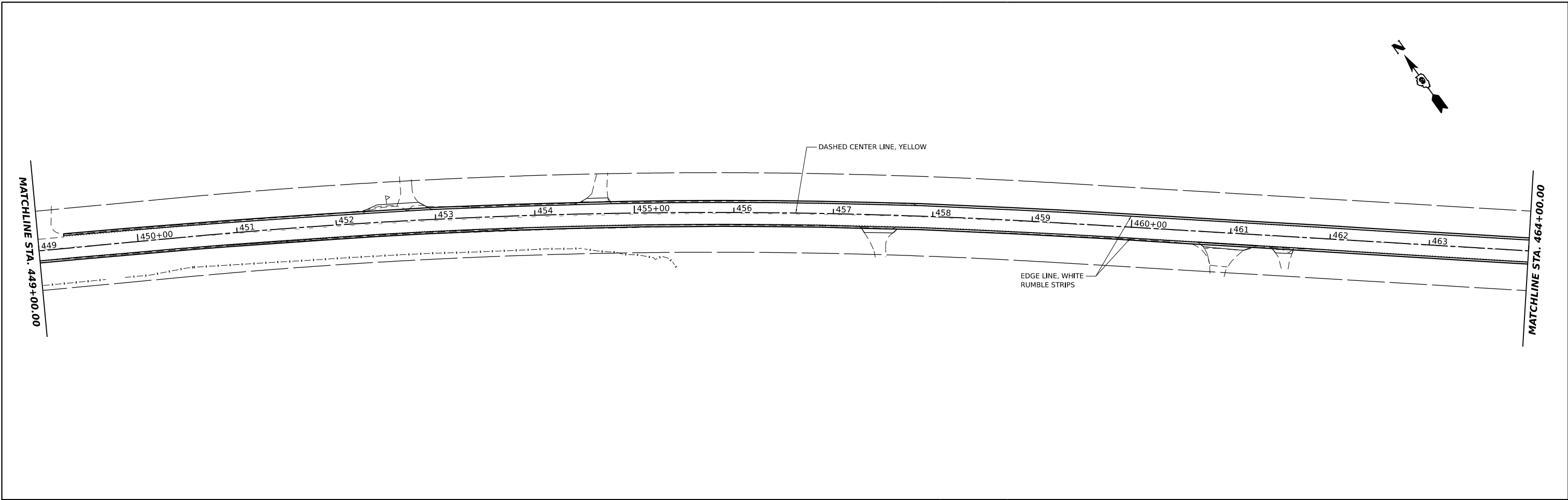
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DRAWN -	_____	REVISED -	_____		
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PLOT DATE	7/7/2023	DATE -	_____	REVISED -	_____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PAVEMENT MARKING PLANS**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	49
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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HAMPTON, LENZINI AND RENWICK, INC.
 300 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000555

USER NAME = ariegler
 PLOT SCALE = 0.16666667 1/in.
 PLOT DATE = 7/7/2023

DESIGNED - _____
 DRAWN - _____
 CHECKED - _____
 DATE - _____

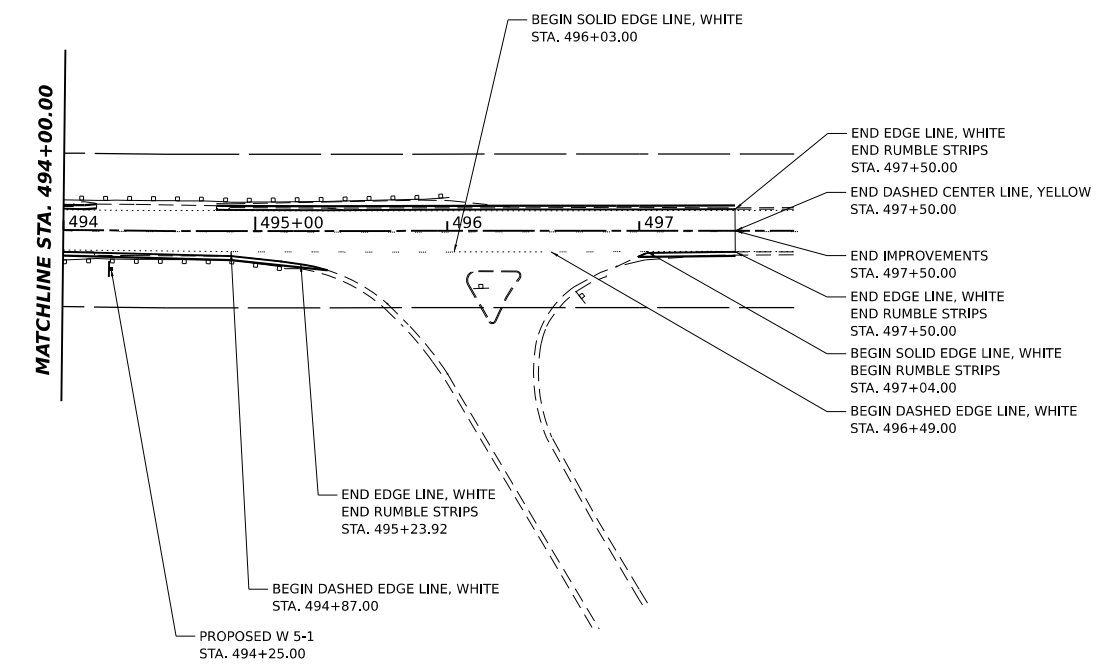
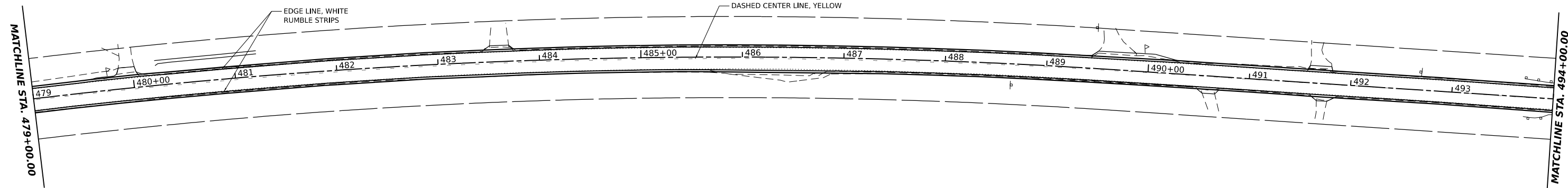
REVISED - _____
 REVISED - _____
 REVISED - _____
 REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PAVEMENT MARKING PLANS**

SCALE: 1"=50' SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	50
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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 HAMPTON, LENZINI AND RENWICK, INC. 300 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000655	USER NAME = ariegler	DESIGNED - _____	REVISED - _____
	PLOT SCALE = 0.16666667 1/16"	DRAWN - _____	REVISED - _____
	PLOT DATE = 7/7/2023	CHECKED - _____	REVISED - _____
		DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD PAVEMENT MARKING PLANS			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	51
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

BENCHMARK:

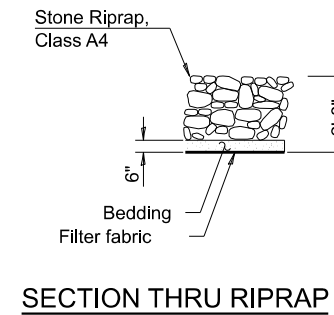
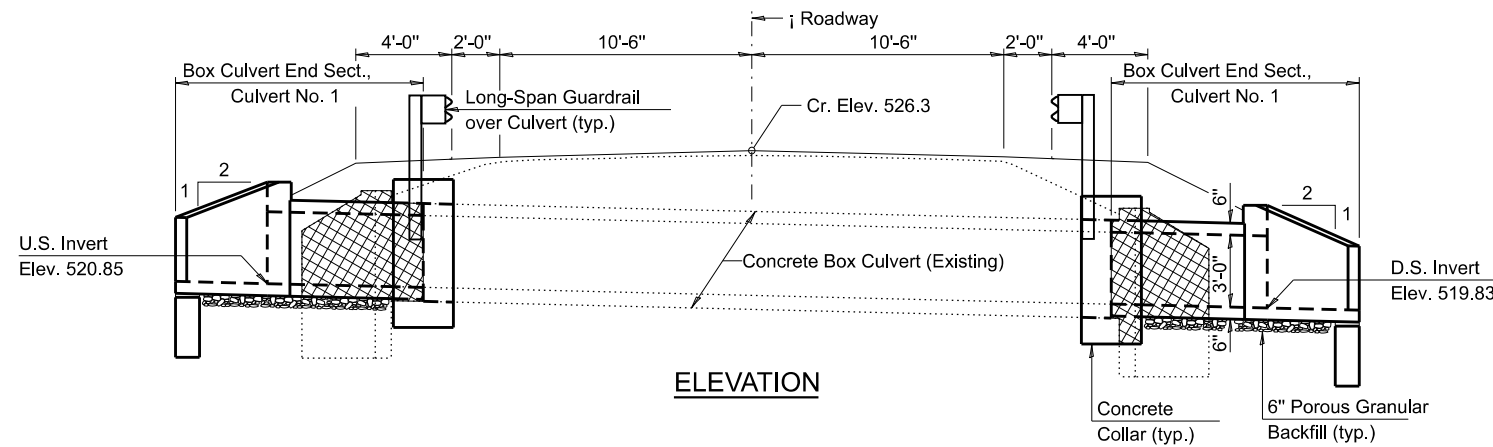
EXISTING STRUCTURE: The existing culvert was originally constructed in 1937 under Federal Aid Project 546-B, Section 100-G, F.A.S. The structure was a single-barrel 5'-0" (W) x 3'-0" (H) reinforced concrete box culvert. The structure was 31'-8" long, no skew, located at Sta. 177+08.

INDEX OF SHEETS

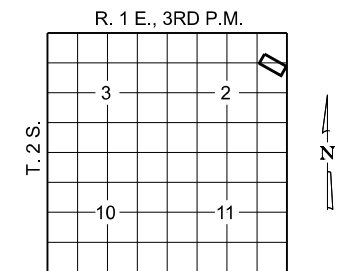
1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert Apron End Section Details
4. Settlement Collar Details
5. Existing Plans

GENERAL NOTES

The design fill height for this box varies from 1.9 ft to 2.5 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577. Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard. Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required. The joints between precast box sections shall be sealed, all joints filled with a mastic joint sealer.



PROFILE GRADE



DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS

$f_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Ton	46
Stone Riprap, Class A4	Sq. Yd.	13
Filter Fabric	Sq. Yd.	13
Reinforcement Bars	Pound	1,980
Box Culvert End Sections, Culvert No. 1	Each	2
Concrete Collar	Cu. Yd.	4
Geocomposite Wall Drain	Sq. Yd.	8
Membrane Waterproofing System for Buried Structures	Sq. Yd.	8
Concrete Removal (Special)	Each	1

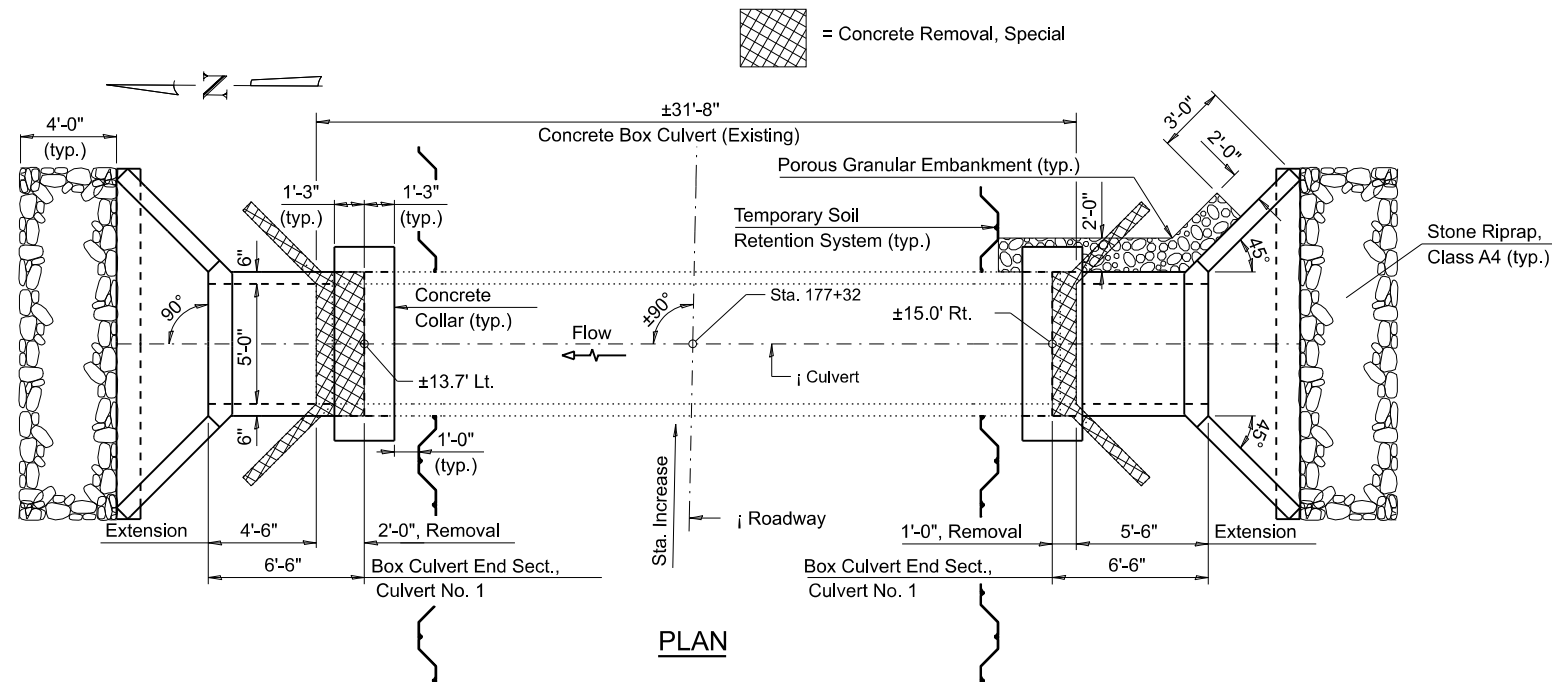
GENERAL PLAN AND ELEVATION

SECTION 21-00226-00-RS

F.A.S. 826 / C.H. 10 / RICHVIEW RD.

JEFFERSON COUNTY

STATION 177+32



= Concrete Removal, Special

MODEL: 001
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SCB-GPE 7-23-2021

HAMPTON, LENZINI AND RENWICK, INC.
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
L.S. / P.E. / S.E. CORP. 154.000555

USER NAME = ariegler
PLOT SCALE = 2,0000' / in.
PLOT DATE = 8/8/2023

DESIGNED - I.P.N.
DRAWN - S.W.M.
CHECKED - I.P.N.
DATE - S.W.M.

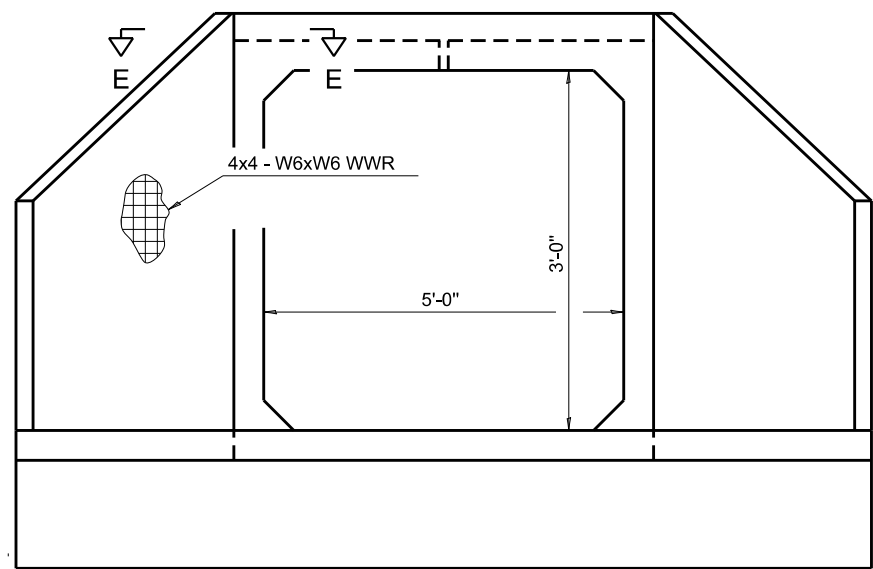
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

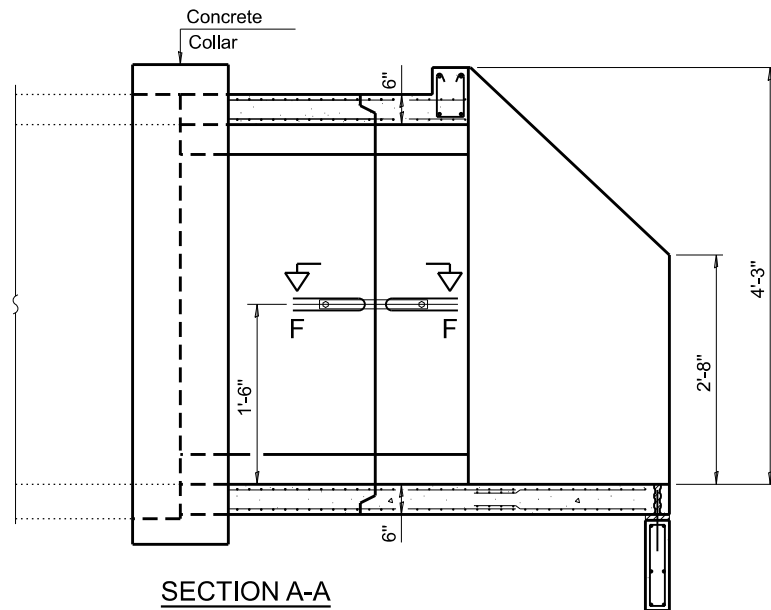
**RICHVIEW ROAD
GENERAL PLAN & ELEVATION - STAT 177 + 32**

SCALE: SHEET OF 1SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	52
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



END VIEW



SECTION A-A

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

1/2" nor more

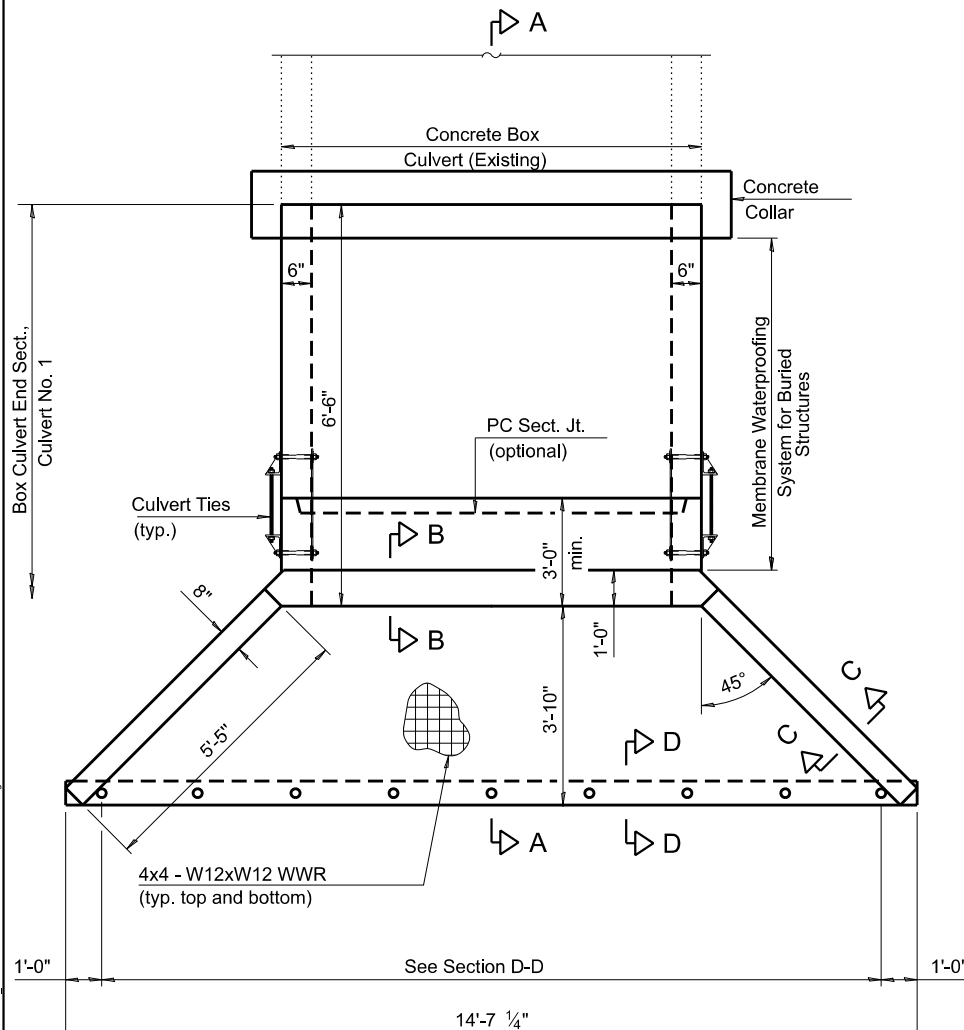
APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	10'-4 5/8"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 7/8"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	12'-4 5/8"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 7/8"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 1/2"	2'-2 1/2"	2'-11 3/8"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 1/2"	3'-10"	11'-2 3/8"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 1/2"	2'-8 1/2"	3'-11 3/8"	5'-7"	13'-8 1/8"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 1/2"	5'-3"	13'-2 3/8"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 1/2"	3'-2 1/2"	4'-11 3/8"	7'-0"	15'-8 1/8"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 5/8"	6'-8"	15'-2 1/2"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 1/4"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	14'-10 1/8"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 1/4"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	16'-10 1/8"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 1/4"	6'-9"	16'-5 7/8"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	18'-10 1/8"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 1/4"	8'-2"	18'-5 7/8"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	13'-10 5/8"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	16'-0 1/8"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	15'-10 5/8"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	18'-0 1/8"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 3/4"	6'-11"	17'-10 3/4"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	20'-0 1/8"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 3/4"	8'-4"	19'-10 3/4"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	22'-0 1/4"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 3/4"	9'-9"	21'-10 3/4"	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	17'-2 1/8"	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	19'-2 1/8"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	21'-2 1/8"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	23'-2 1/4"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	18'-2 1/8"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	20'-2 1/8"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	22'-2 1/8"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	24'-2 1/4"	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0 3/4"	4'-4"	17'-6 7/8"	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0 3/4"	5'-9"	19'-6 7/8"	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0 3/4"	7'-2"	21'-6 7/8"	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 7/8"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 1/8"	9'-11"	25'-5 5/8"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 1/2"	4'-5"	18'-10 1/4"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 1/2"	5'-10"	20'-10 1/4"	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1 1/2"	7'-3"	22'-10 3/8"	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 1/2"	8'-8"	24'-10 3/8"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 1/2"	10'-1"	26'-10 3/8"	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2 7/8"	4'-7"	20'-3 1/8"	8.2	No
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11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 1/4"	7'-4"	24'-1 3/4"	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2 1/4"	8'-9"	26'-1 3/4"	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 1/4"	10'-2"	28'-1 7/8"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 5/8"	4'-8"	21'-6 1/2"	9.3	No
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12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 5/8"	7'-6"	25'-6 5/8"	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3 5/8"	8'-11"	27'-6 5/8"	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 5/8"	10'-4"	29'-6 5/8"	17.4	Yes

Note:

Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

(Sheet 1 of 2)



PLAN

SCB-AES

2-17-2017

MODEL: 003
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HAMPTON, LENZINI AND RENWICK, INC.
300 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
L.S. / P.E. / S.E. CORP. 184.000555

USER NAME	ariegler	DESIGNED	-
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PLOT DATE	8/8/2023	CHECKED	-
		DATE	-

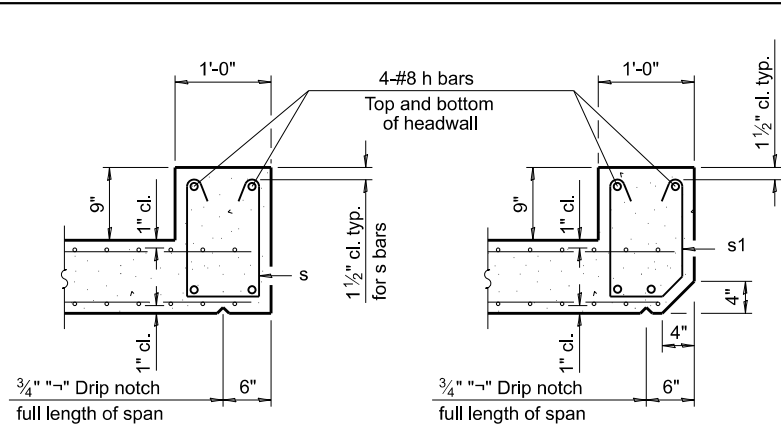
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD
PRECAST CONC BOX CULVERT APRON END - STA 177 + 32

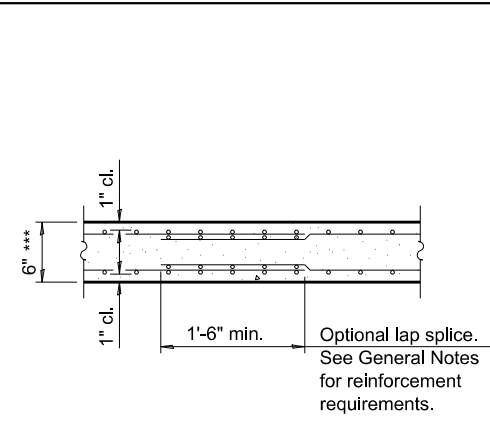
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



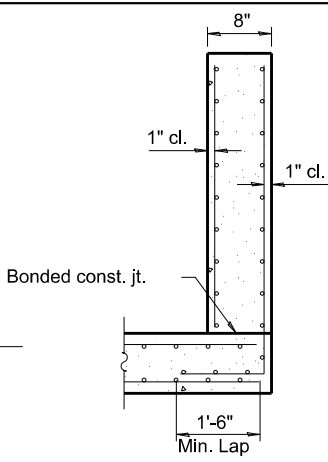
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

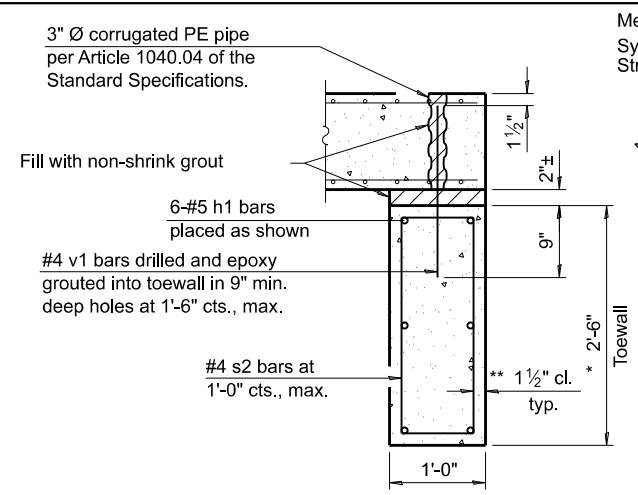


SECTION B-B
(Bottom Slab)

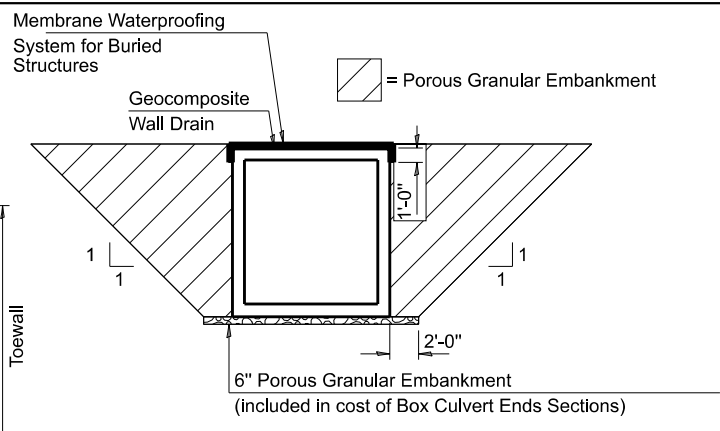
*** This dimension shall be increased by 2" for CIP construction.



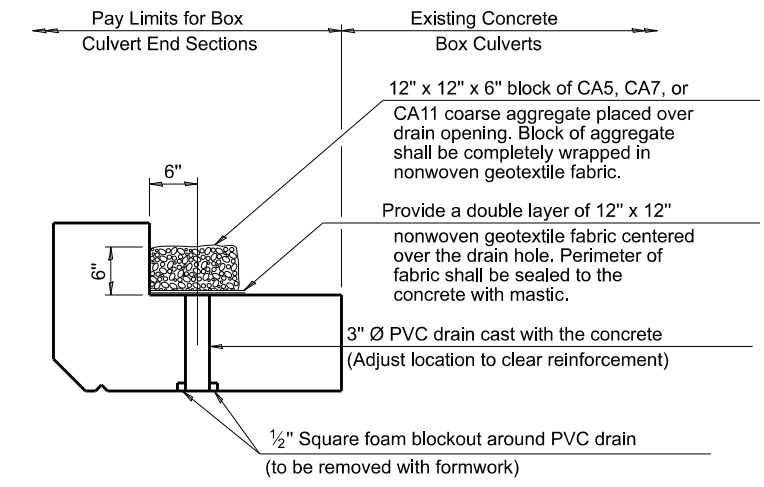
SECTION C-C



SECTION D-D

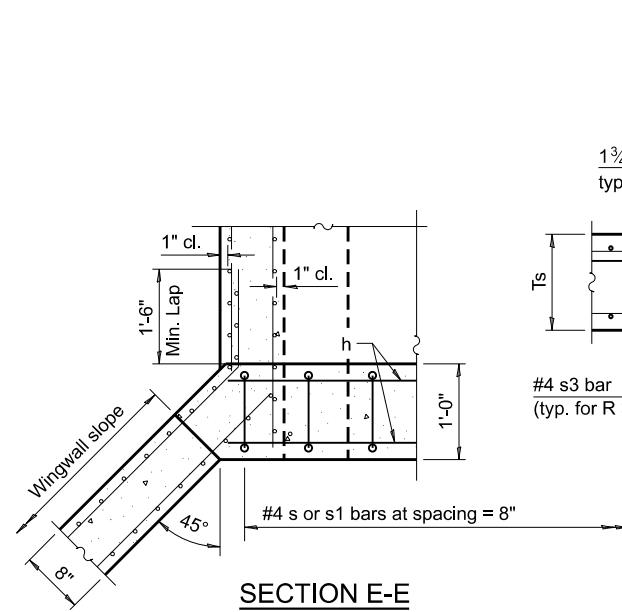


PAY LIMITS FOR POROUS GRANULAR EMBANKMENT, MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES, & GEOCOMPOSITE WALL DRAIN

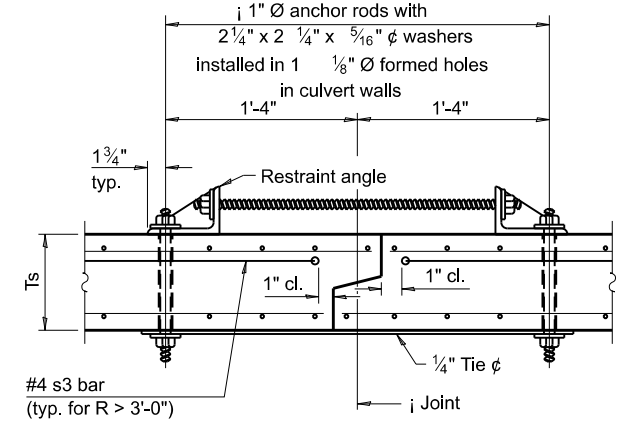


DRAIN DETAIL

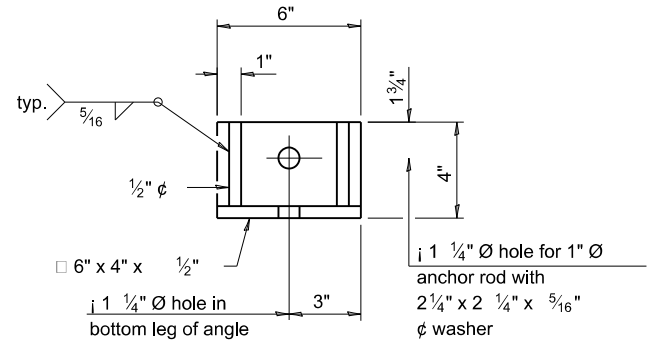
(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)



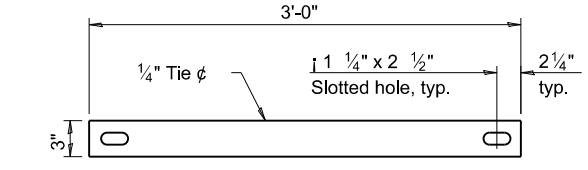
SECTION E-E



SECTION F-F
(Showing culvert tie details)



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

MODEL: 003 FILE NAME: 23-2021010720CADD_Sheets110720-BoxCulvert 177+32.dgn

SCB-AES 2-17-2017

HAMPTON, LENZINI AND RENWICK, INC.
 390 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / PE / SE CORP. 184.000699

USER NAME = arlegr	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/8/2023	CHECKED -	REVISED -
	DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

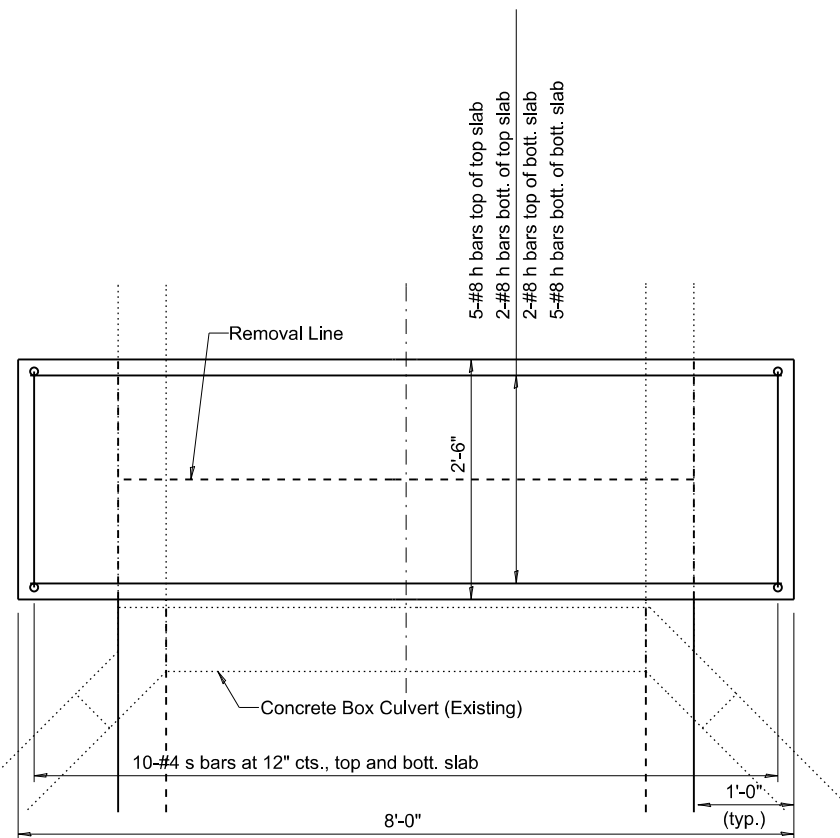
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
 PRECAST CONC BOX CULVERT APRON END - STA 177+32**

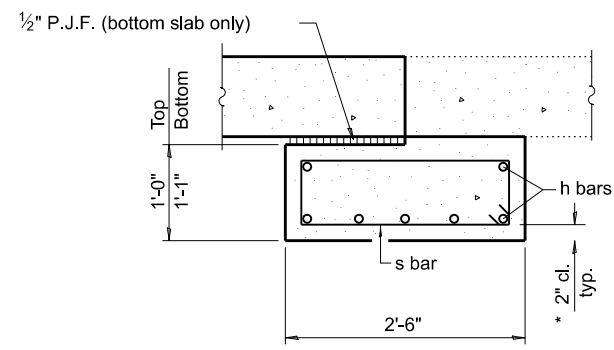
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CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

(Sheet 2 of 2)

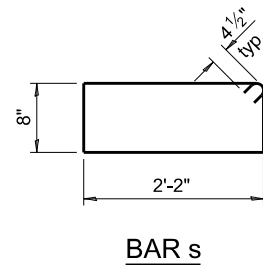
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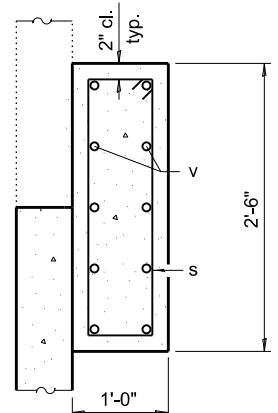
PLAN
(showing slabs)



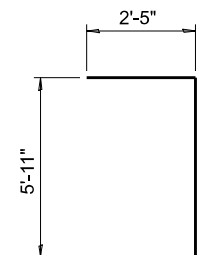
SECTION THRU TOP AND BOTTOM SLAB



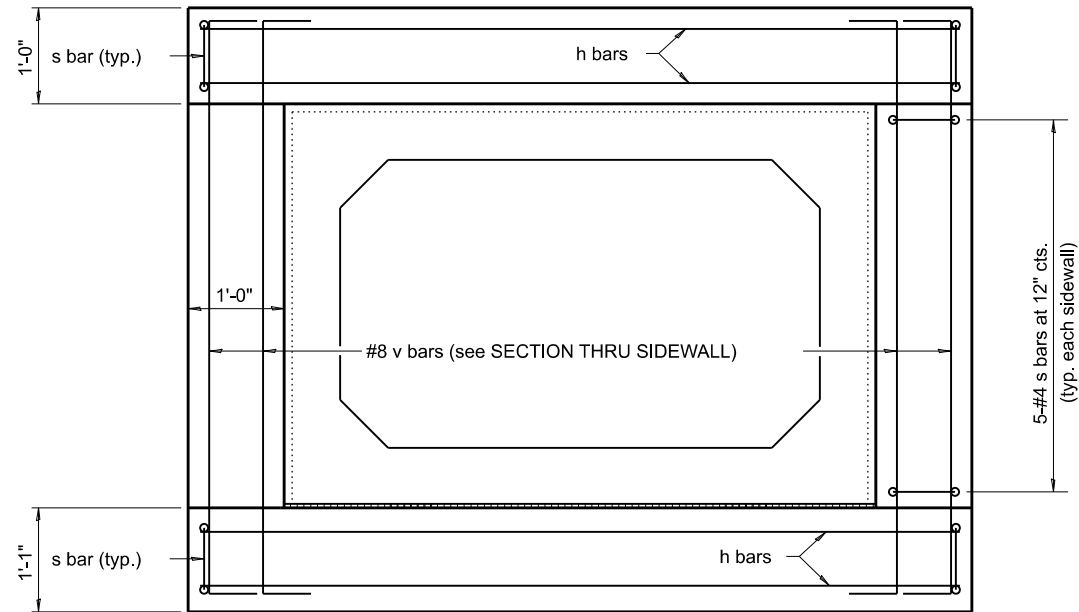
BAR s



SECTION THRU SIDEWALL



BAR v



SECTION THRU BARREL

TWO SETTLEMENT COLLARS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	28	#8	7'-8"	—
s	60	#4	6'-5"	□
v	40	#8	10'-9"]
Reinforcement Bars			Pound	1,980
Concrete Collar			Cu. Yd.	2.0

MODEL: 004
FILE NAME: P:\2021\10720\Cad02 Design\CADD Sheets\10720-ht-Culvert 177+32.dgn

HAMPTON, LENZINI AND RENWICK, INC.
300 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
L.S. / P.E. / S.E. CORP. 184.000555

USER NAME	ariegler
PLOT SCALE	2,0000' / in.
PLOT DATE	8/8/2023

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

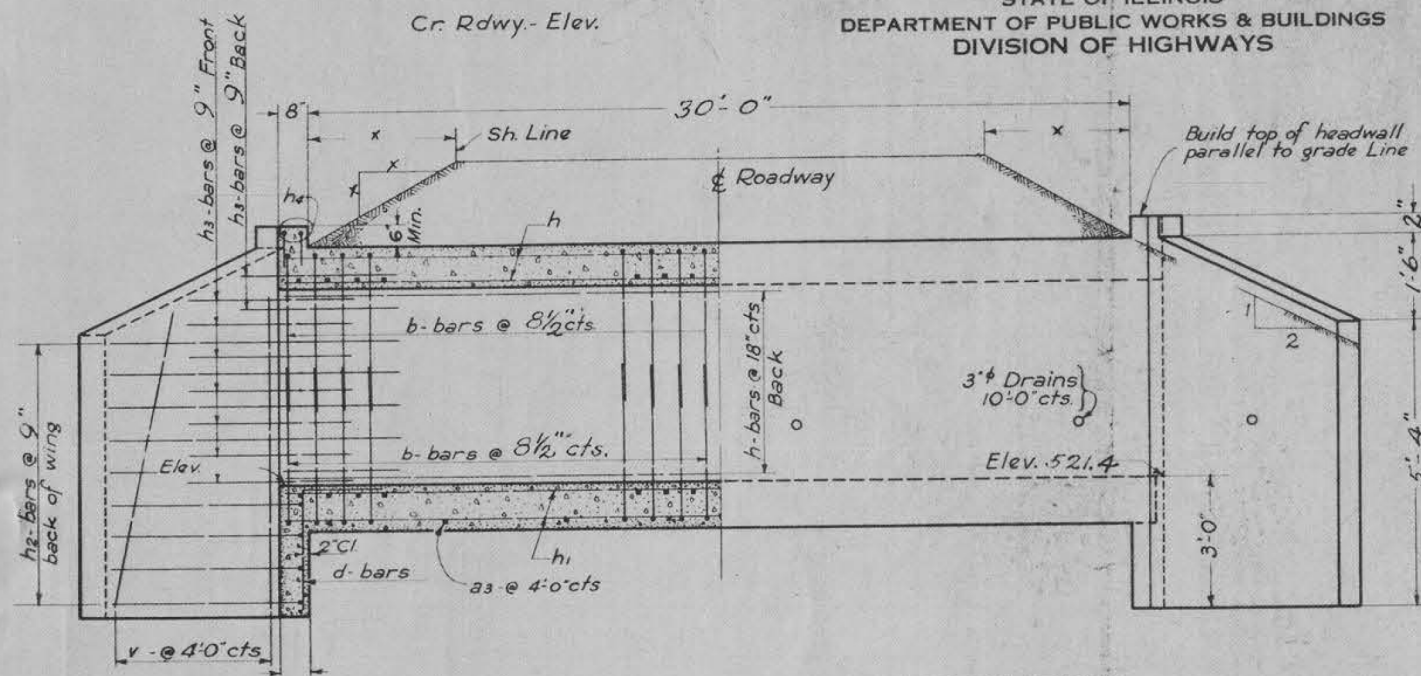
RICHVIEW ROAD
PRECAST CONC BOX CULVERT SETTLEMENT COLLAR - STA 177 + 32

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	55
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

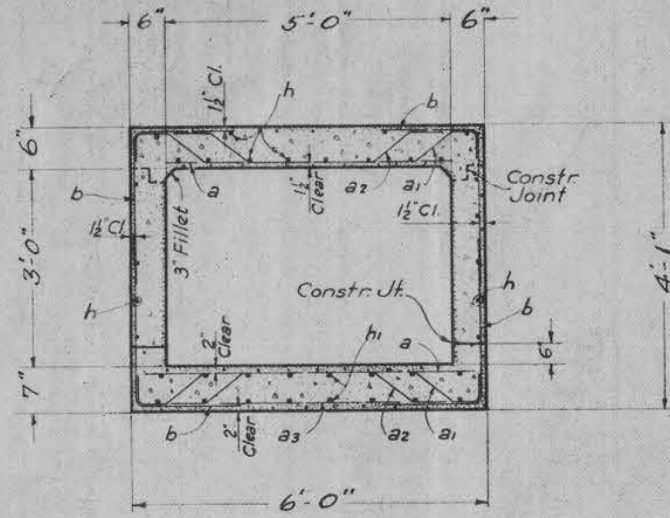
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SA 104 11	100 G	JEFFERSON	26	26
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT - 546-B	

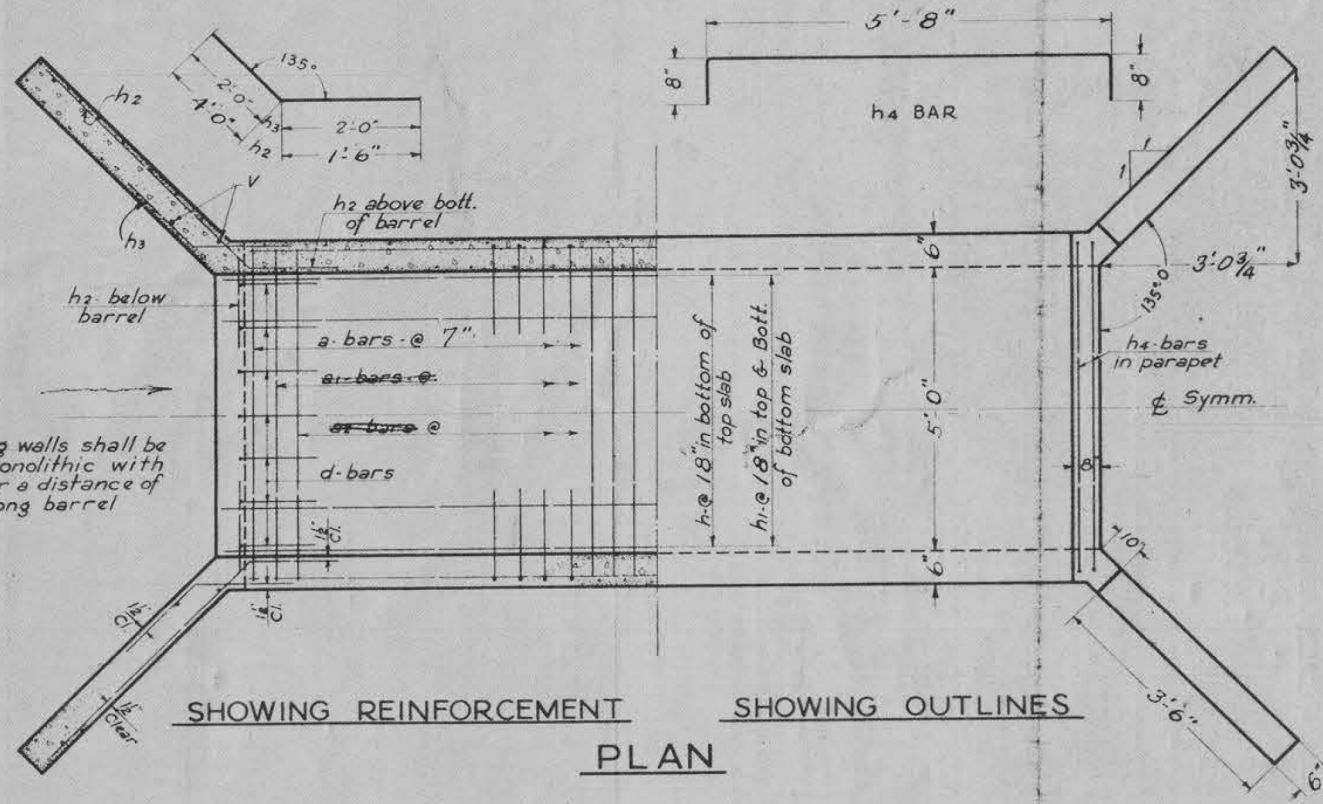
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



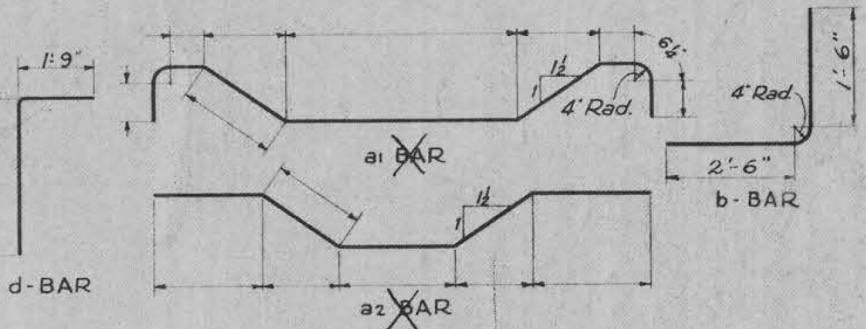
HALF LONG. SECTION HALF ELEVATION



SECTION THRU BARREL



SHOWING REINFORCEMENT SHOWING OUTLINES
PLAN



BILL OF MATERIAL

BAR	NO	SIZE	LENGTH	BAR	NO.	SIZE	LENGTH
a	108	1/2" φ	5'-9"	h	12	1/2" □	31'-0"
a1	-	-	-	h1	8	1/2" □	31'-0"
a2	-	-	-	h2	28	1/2" φ	5'-6"
a3	8	1/2" □	4'-0"	h3	36	1/2" φ	4'-0"
b	176	1/2" φ	4'-6"	h4	4	3/4" φ	7'-0"
v	12	1/2" □	5'-9"				
				d	12	1/2" □	4'-6"

Class X Concrete Cu. Yds. 13.8
Reinforcing Steel Lbs. 1840

S. A. ROUTES 11 & 10
SECTION 100 G
JEFFERSON COUNTY
STA. 177+20

GENERAL NOTES
Class X Concrete shall be used thruout Culvert walls and slab may be poured monolithically. Exposed edges shall be beveled 3". Subsoil of approximately uniform bearing capacity is assumed.

STANDARD	COMPUTED	EXAMINED
	CHECKED	PASSED
	DRAWN	APPROVED
SPECIAL	ASSEMBLED	
	CHECKED	

FOR CULVERTS OF VERT. CL. OF 6 FT. OR LESS STANDARD - 1755

MODEL 005
FILE NAME: 23-2021010720C6002_Design/CADD_Sheets/10720-RK-Culvert 177+32.dgn

HAMPTON, LENZINI AND RENWICK, INC.
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000954

USER NAME = arlegler	DESIGNED -	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/8/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	56
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

BENCHMARK:

EXISTING STRUCTURE: The existing culvert was originally constructed in 1937 under Federal Aid Project 546-B, Section 100-G. The structure was a single-barrel 6'-0" (W) x 3'-0" (H) reinforced concrete box culvert. The structure was 36'-2" long, skewed 30° rt. ahead, located at Sta. 221+42.

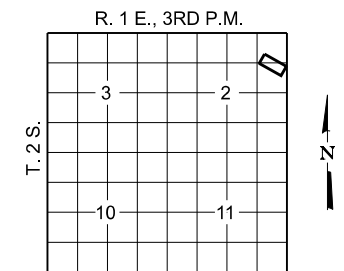
INDEX OF SHEETS

1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert
Apron End Section Details
4. Settlement Collar Details
5. Existing Plans

GENERAL NOTES

The design fill height for this box varies from 2.9 ft to 3.6 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.
 The joints between precast box sections shall be sealed, all joints filled with a mastic joint sealer.

PROFILE GRADE



LOCATION SKETCH

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
 Customary U.S. Units, 9th Edition

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS

$f_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Ton	63
Stone Riprap, Class A4	Sq. Yd.	16
Filter Fabric	Sq. Yd.	16
Reinforcement Bars	Pound	2,210
Box Culvert End Sections, Culvert No. 2	Each	2
Concrete Collar	Cu. Yd.	5
Geocomposite Wall Drain	Sq. Yd.	13
Membrane Waterproofing System for Buried Structures	Sq. Yd.	13
Concrete Removal (Special)	Each	1

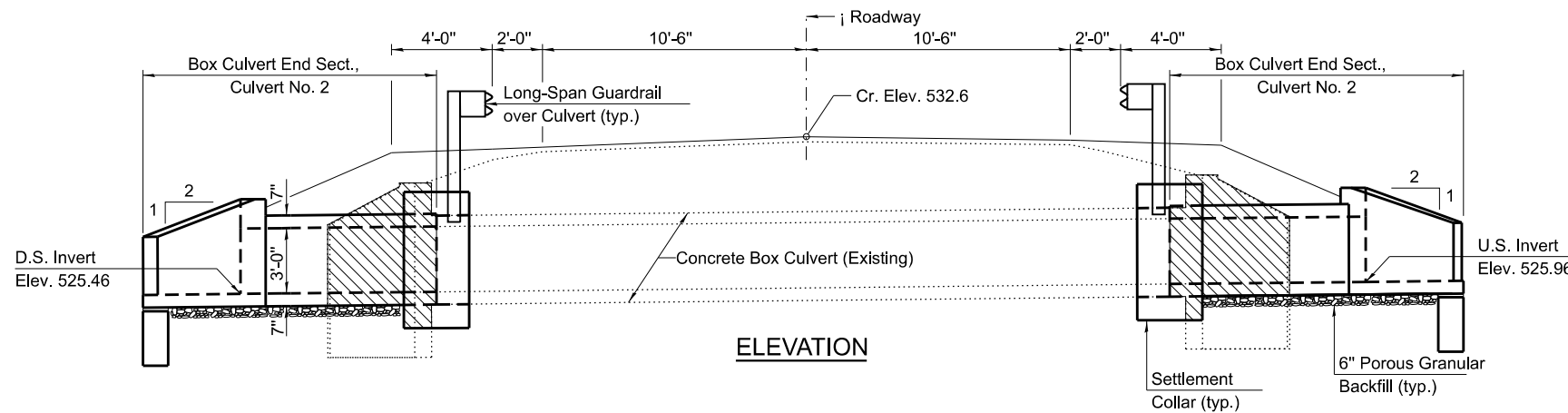
GENERAL PLAN AND ELEVATION

SECTION 21-00226-00-RS

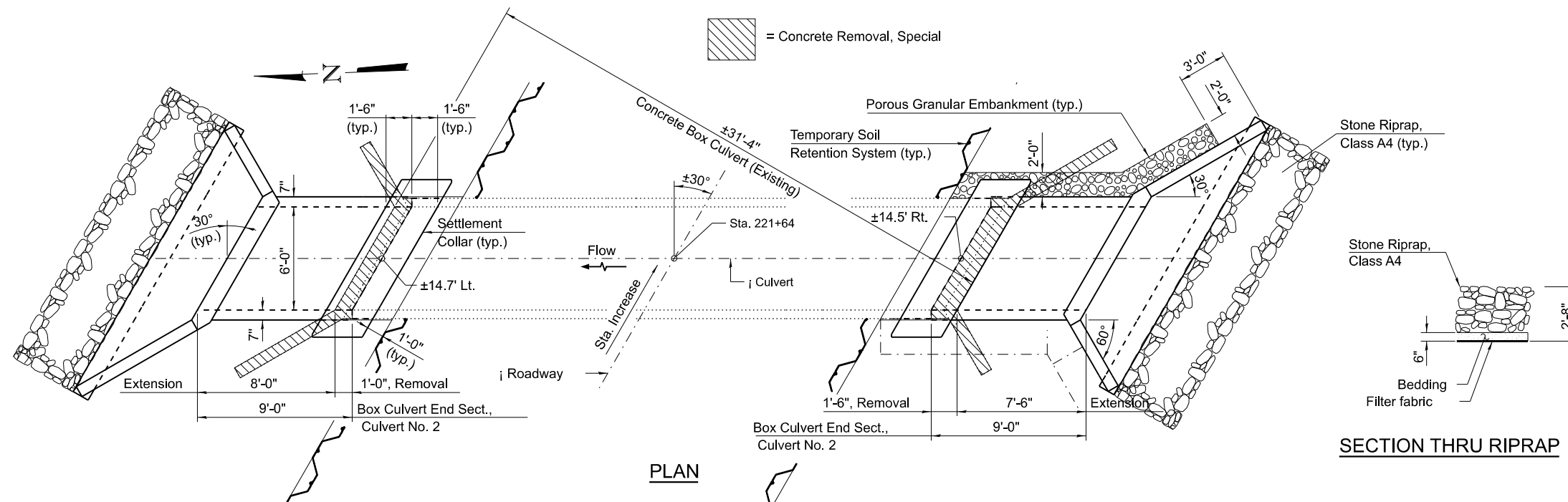
F.A.S. 826 / C.H. 10 / RICHVIEW RD.

JEFFERSON COUNTY

STATION 221+64

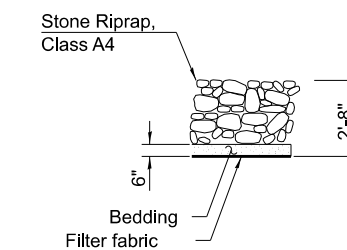


ELEVATION



PLAN

SECTION THRU RIPRAP



MODEL: 001
 FILE NAME: P:\2021\1210720\CAD\Design\21-00226-00-RS-Culvert 221+64.dgn
 HLR
 ILLINOIS PROFESSIONAL DESIGN FIRM
 L.S. / P.E. / S.E. CORP. 184.000555

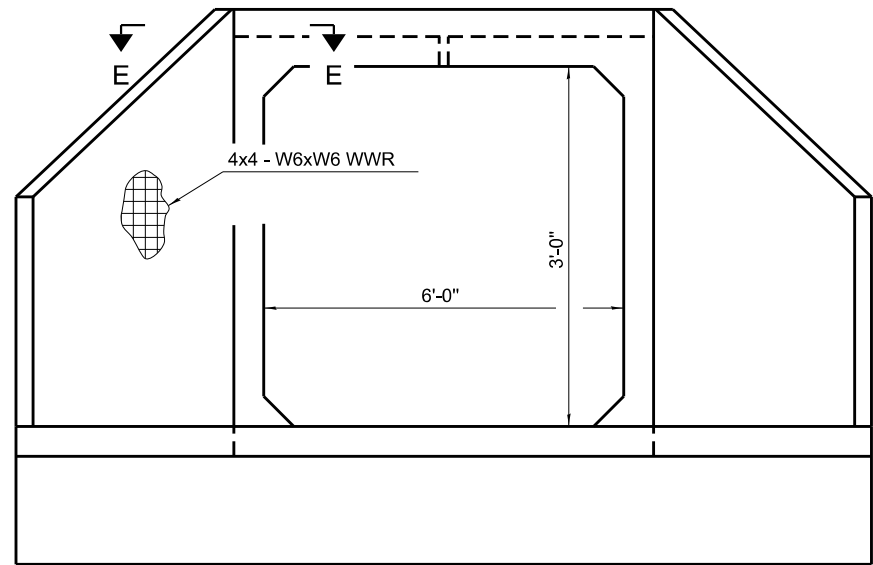
SCB-GPE 7-23-2021

HAMPTON, LENZINI AND RENWICK, INC. 300 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 184.000555	USER NAME = ariegler	DESIGNED -	REVISED -
	PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
	PLOT DATE = 8/8/2023	CHECKED -	REVISED -
		DATE -	REVISED -

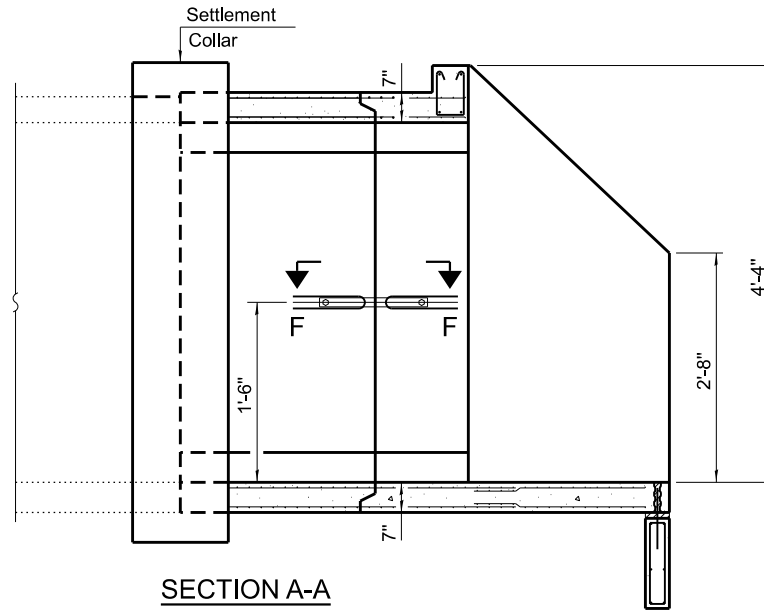
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD	
GENERAL PLAN & ELEVATION - STA 221 + 64	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	57
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



END VIEW



SECTION A-A

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

1/2" nor more

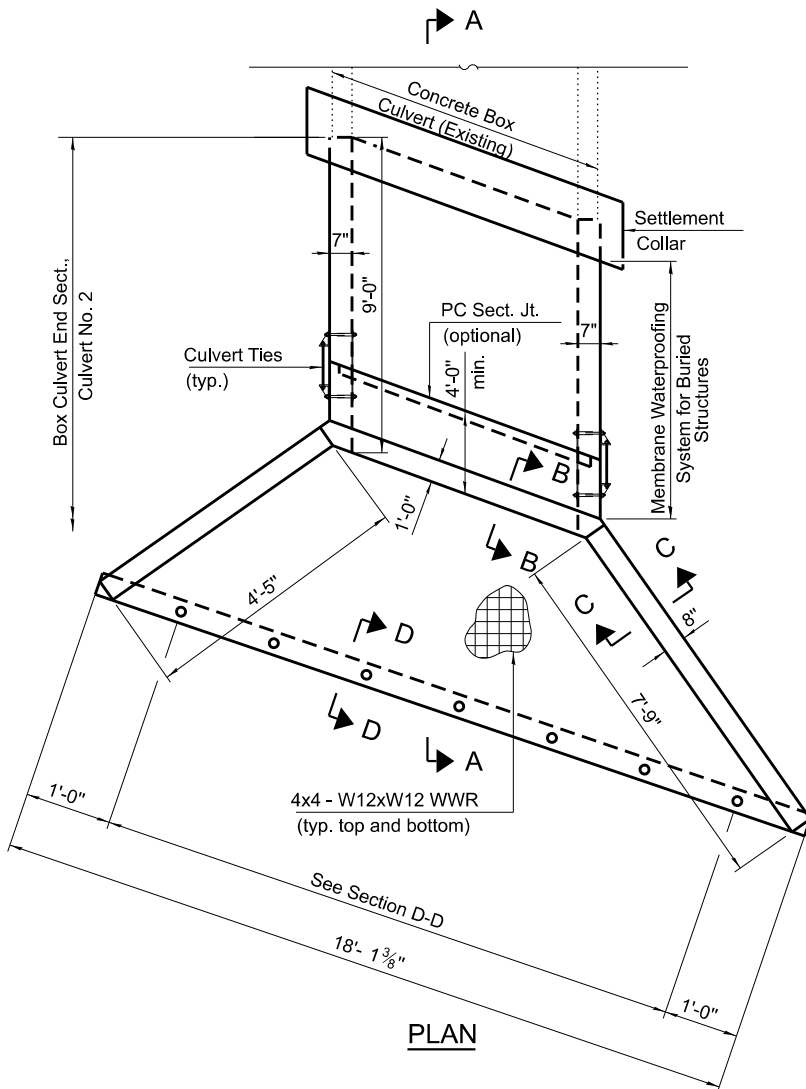
APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	10'-4 5/8"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 7/8"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	12'-4 5/8"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 7/8"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 1/2"	2'-2 1/2"	2'-11 3/8"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 1/2"	3'-10"	11'-2 3/8"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 1/2"	2'-8 1/2"	3'-11 3/8"	5'-7"	13'-8 1/8"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 1/2"	5'-3"	13'-2 3/8"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 1/2"	3'-2 1/2"	4'-11 3/8"	7'-0"	15'-8 1/8"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 5/8"	6'-8"	15'-2 1/2"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 1/4"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	14'-10 1/4"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 1/4"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	16'-10 1/8"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 1/4"	6'-9"	16'-5 7/8"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	18'-10 1/8"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 1/4"	8'-2"	18'-5 7/8"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	13'-10 5/8"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	16'-0 1/8"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	15'-10 5/8"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	18'-0 1/8"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 3/4"	6'-11"	17'-10 3/4"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	20'-0 1/8"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 3/4"	8'-4"	19'-10 3/4"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	22'-0 1/4"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 3/4"	9'-9"	21'-10 3/4"	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	17'-2 1/8"	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	19'-2 1/8"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	21'-2 1/8"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	23'-2 1/4"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	18'-2 1/8"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	20'-2 1/8"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	22'-2 1/8"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	24'-2 1/4"	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0 3/4"	4'-4"	17'-6 7/8"	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0 3/4"	5'-9"	19'-6 7/8"	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0 3/4"	7'-2"	21'-6 7/8"	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 7/8"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 1/8"	9'-11"	25'-5 5/8"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 1/2"	4'-5"	18'-10 1/4"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 1/2"	5'-10"	20'-10 1/4"	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1 1/2"	7'-3"	22'-10 3/8"	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 1/2"	8'-8"	24'-10 3/8"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 1/2"	10'-1"	26'-10 3/8"	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2 7/8"	4'-7"	20'-3 1/8"	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2 7/8"	6'-0"	22'-3 1/8"	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 1/4"	7'-4"	24'-1 3/4"	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2 1/4"	8'-9"	26'-1 3/4"	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 1/4"	10'-2"	28'-1 7/8"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 5/8"	4'-8"	21'-6 1/2"	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3 5/8"	6'-1"	23'-6 1/2"	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 5/8"	7'-6"	25'-6 5/8"	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3 5/8"	8'-11"	27'-6 5/8"	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 5/8"	10'-4"	29'-6 5/8"	17.4	Yes

Note:

Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

(Sheet 1 of 2)



PLAN

MODEL: 002 FILE NAME: P:\2021\10720\CAD\02_Design\CADD_Sheets\21-0720-ht-Culvert_221+64.dgn

SCB-AES 2-17-2017

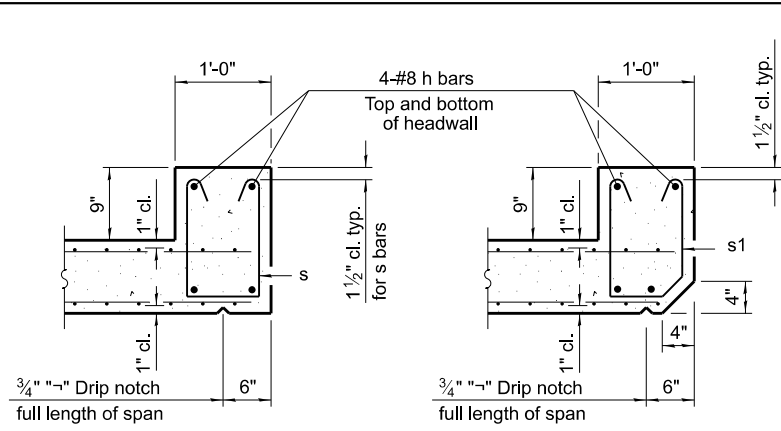
HAMPTON, LENZINI AND RENWICK, INC. 300 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM L.S. / P.E. / S.E. CORP. 154.000555	USER NAME	DESIGNED	REVISED
	PLOT SCALE	CHECKED	REVISED
	PLOT DATE	DATE	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD
PRECAST CONC BOX CULVERT APRON END - STA 221+64

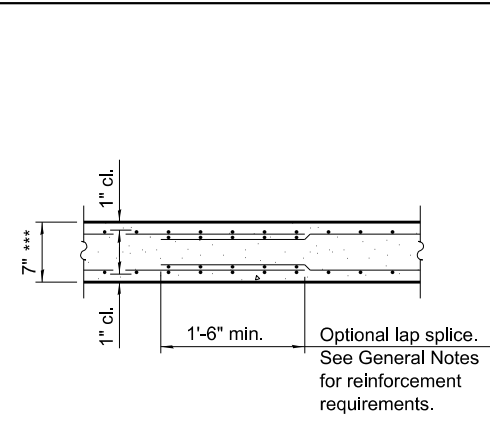
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	58
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

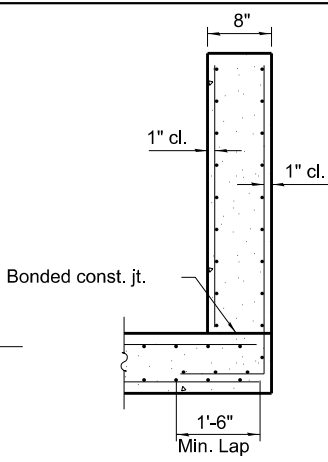


SECTION B-B
(Top slab at downstream end)

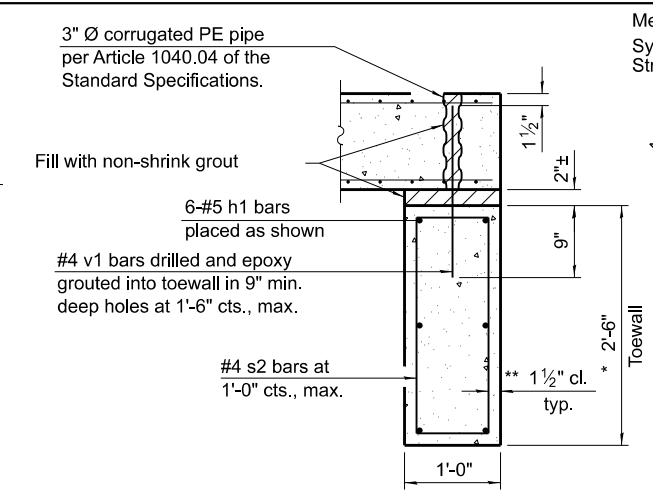
SECTION B-B
(Top slab at upstream end)



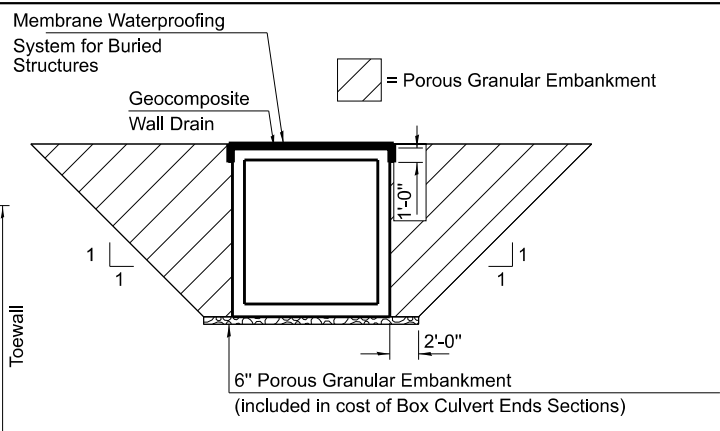
SECTION B-B
(Bottom Slab)



SECTION C-C



SECTION D-D



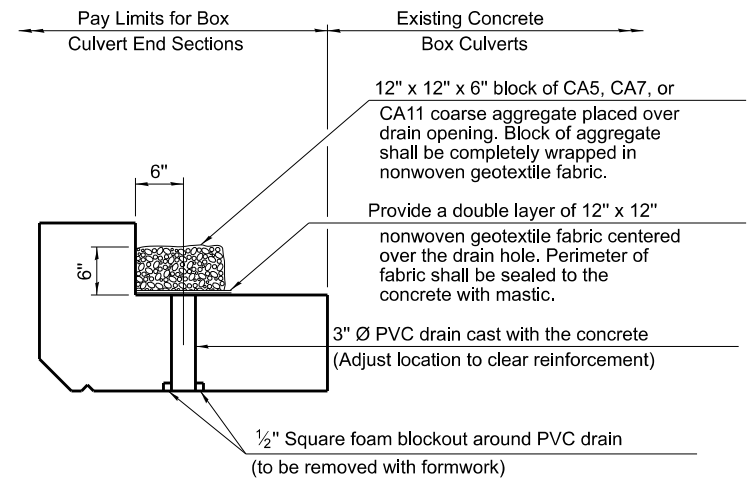
**PAY LIMITS FOR
POROUS GRANULAR EMBANKMENT,
MEMBRANE WATERPROOFING SYSTEM
FOR BURIED STRUCTURES,
& GEOCOMPOSITE WALL DRAIN**

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

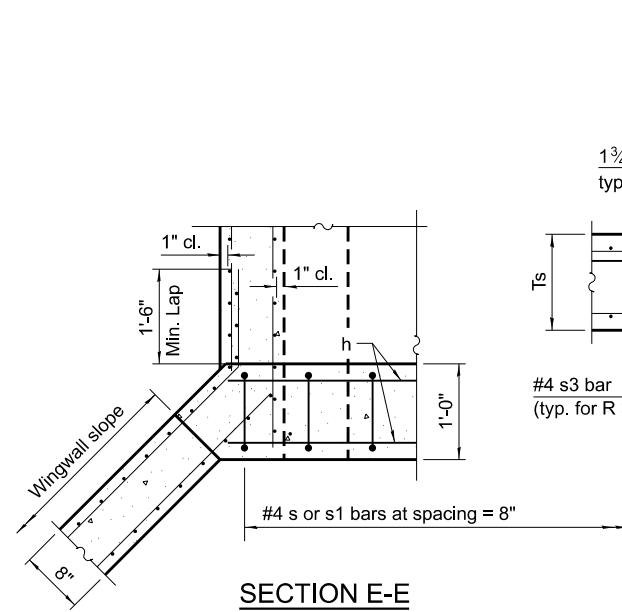
* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

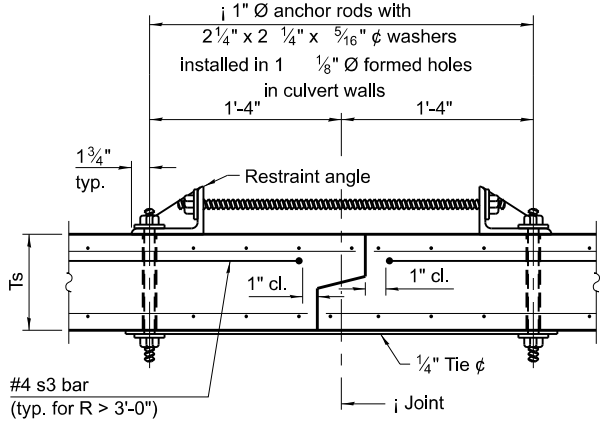


DRAIN DETAIL

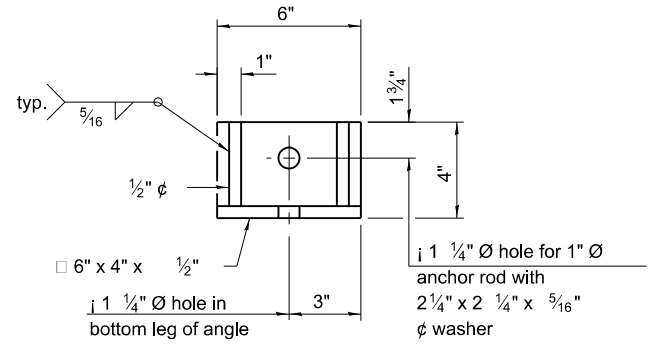
(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)



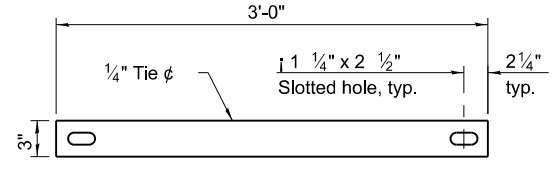
SECTION E-E



SECTION F-F
(Showing culvert tie details)

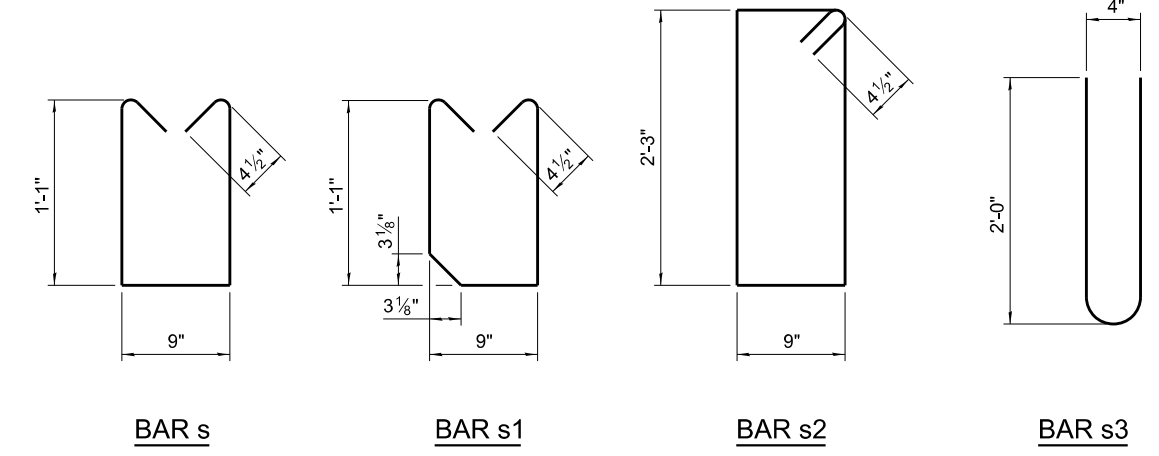


RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4"x2 1/4"x5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.



BAR s

BAR s1

BAR s2

BAR s3

SCB-AES 2-17-2017

(Sheet 2 of 2)

MODEL: 003 FILE NAME: 23-202110720Cadd_Sheets10720-ht-Culvert_221+64.dgn

HAMPTON, LENZINI AND RENWICK, INC.
390 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000699

USER NAME = arlegler
DESIGNED -
DRAWN -
CHECKED -
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

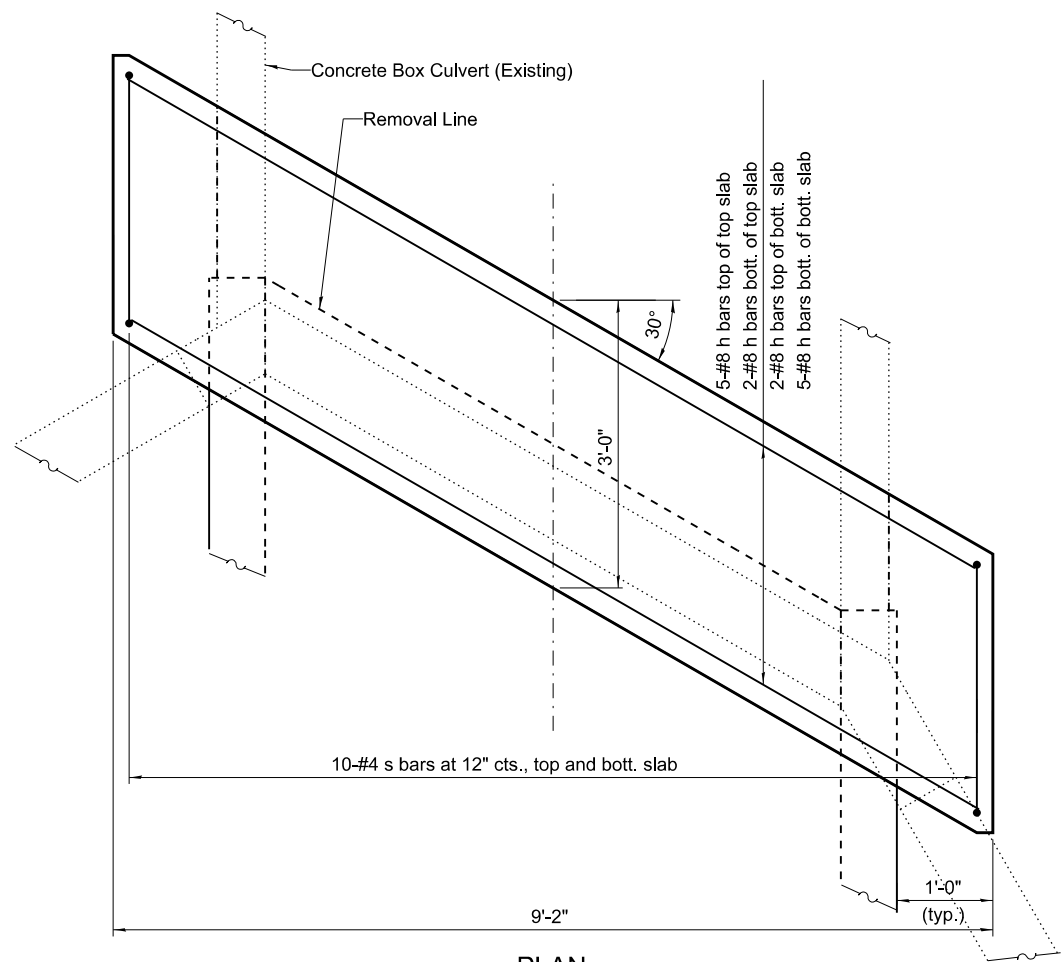
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

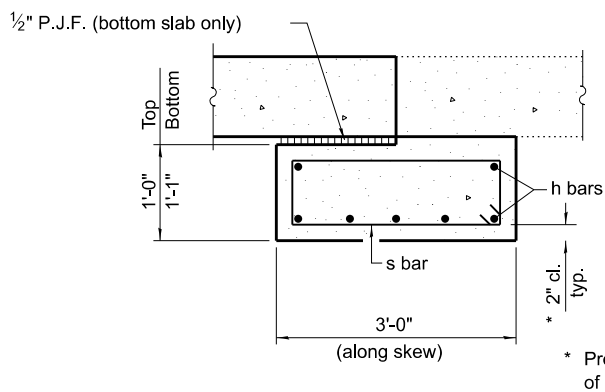
**RICHVIEW ROAD
PRECAST CONC BOX CULVERT APRON END - STA 221+64**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 99714			ILLINOIS FED. AID PROJECT	

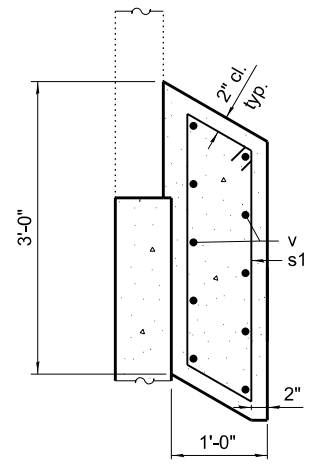
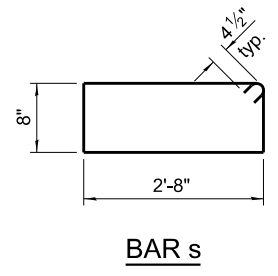
SCALE: SHEET OF SHEETS STA. TO STA.



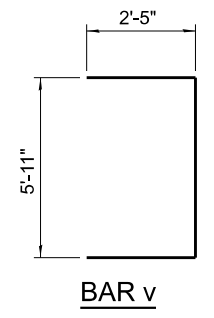
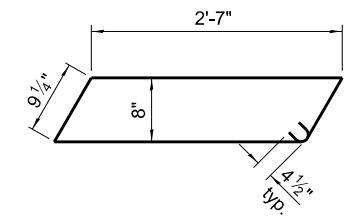
PLAN
(showing slabs)



SECTION THRU TOP AND BOTTOM SLAB
(bottom shown along skew)

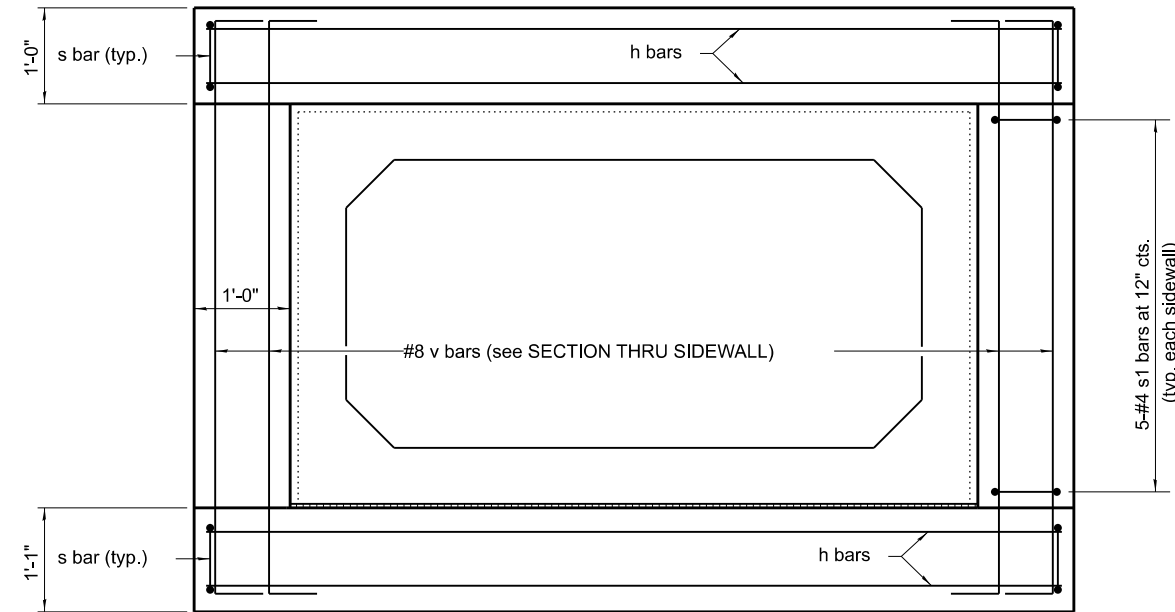


SECTION THRU SIDEWALL



TWO SETTLEMENT COLLARS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	28	#8	10'-2"	—
s	40	#4	7'-5"	⊓
s1	20	#4	7'-6"	⊓
v	40	#8	10'-9"	⌋
Reinforcement Bars			Pound	2,210
Concrete Collar			Cu. Yd.	2,210



SECTION THRU BARREL

MODEL: 004
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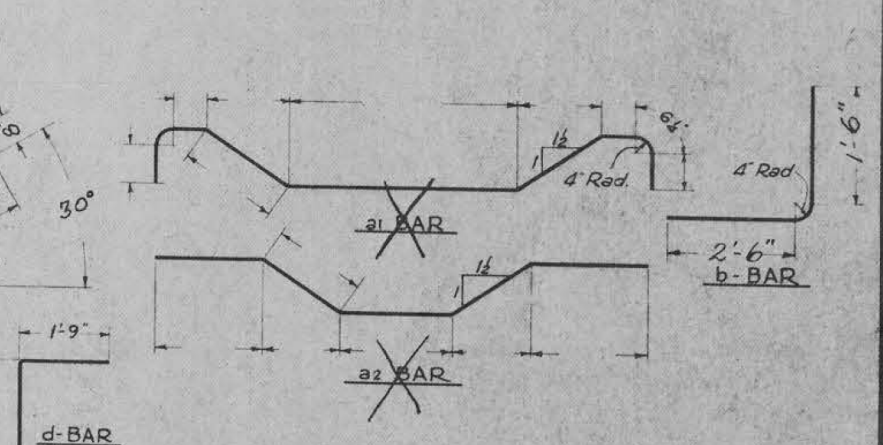
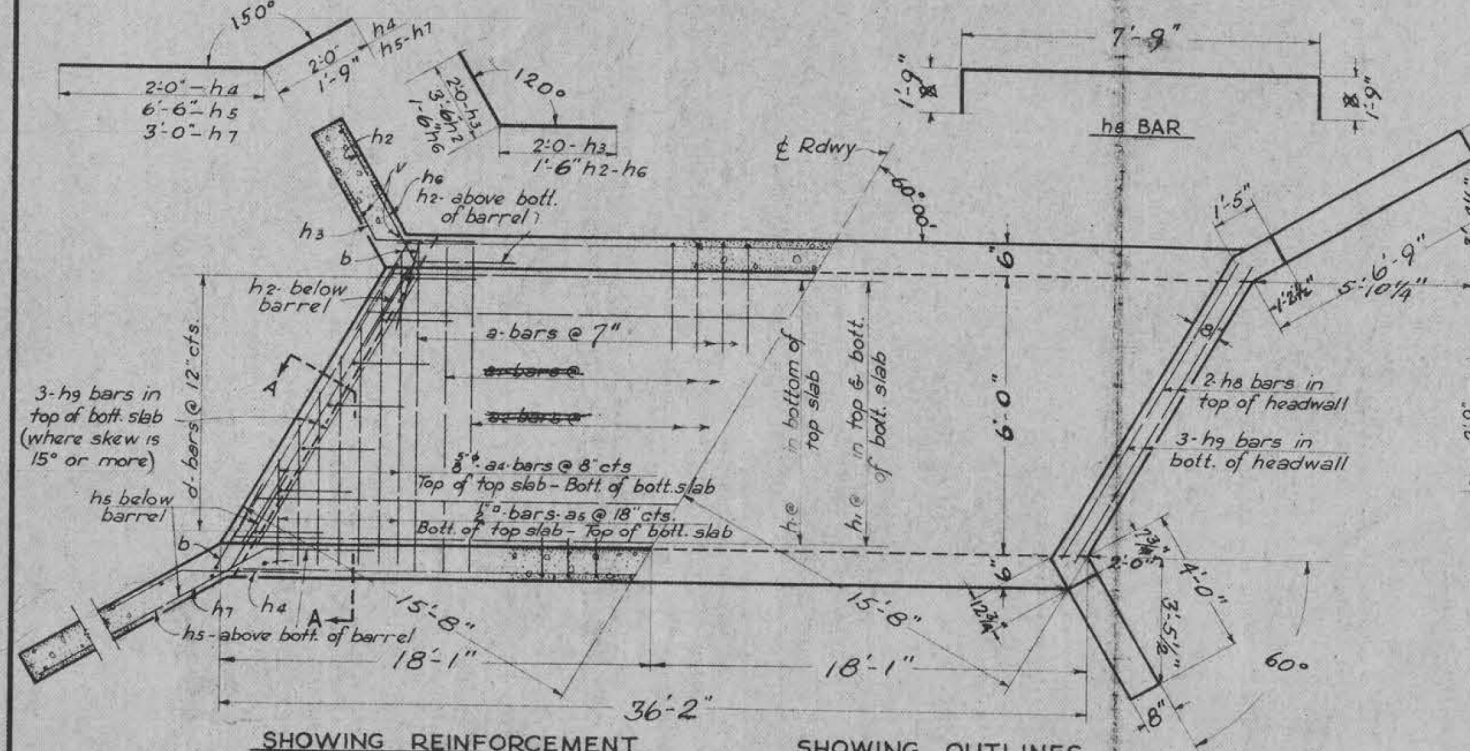
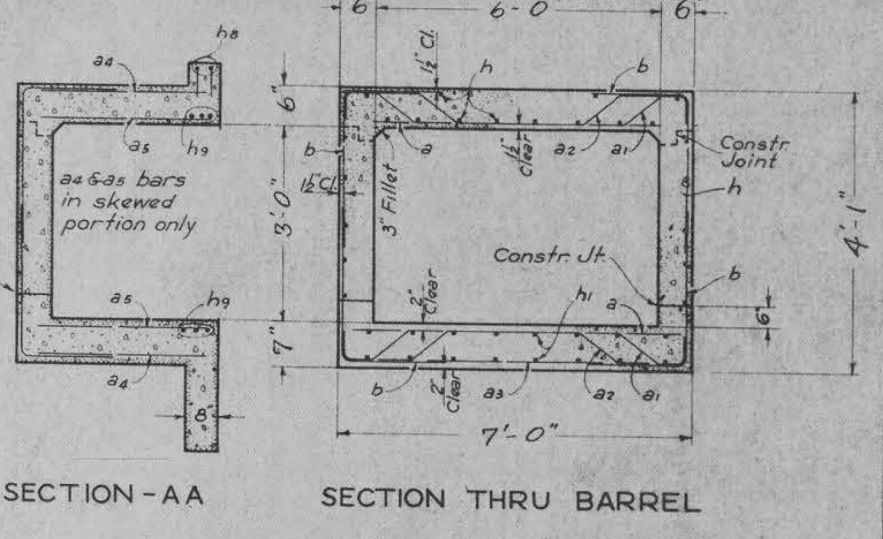
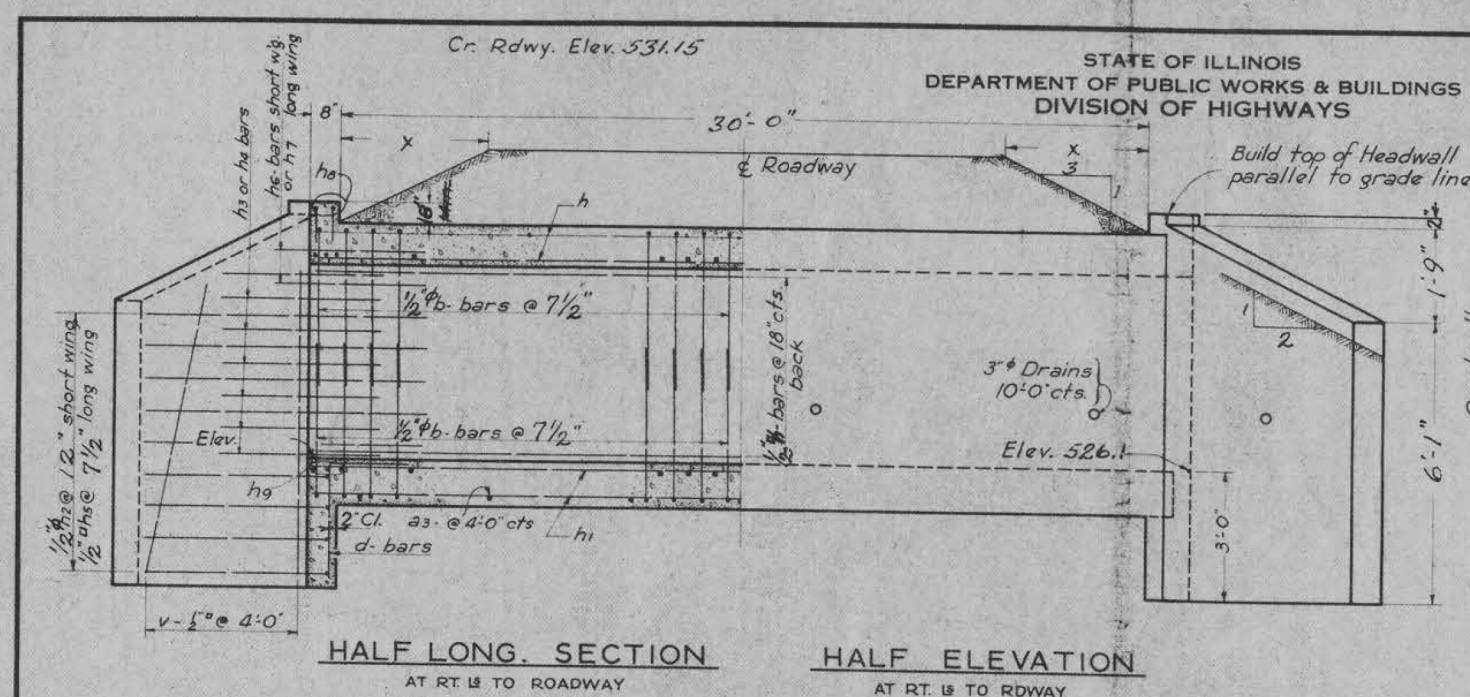
 HAMPTON, LENZINI AND RENWICK, INC. 380 SHEPARD DRIVE ELGIN, ILLINOIS 60123 ILLINOIS PROFESSIONAL DESIGN FIRM I.S. / P.E. / S.E. CORP. 184.000959	USER NAME = arlegler	DESIGNED -	REVISED -
	PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 8/8/2023	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD
PRECAST CONC BOX CULVERT SETTLEMENT COLLAR - STA 221 + 64
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	60
CONTRACT NO. 99714			ILLINOIS FED. AID PROJECT	

STANDARD 1755	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.A. 10 & 11	100 G	JEFFERSON	26	26
SHEET NO. SHEETS				
S.A. ROUTES 11 & 10 SECTION 100 G JEFFERSON COUNTY STA. 221+35				



BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	BAR	NO.	SIZE	LENGTH
a	112	1/2" sq	6'-9"	d	16	1/2" sq	4'-6"
a1	-	-	-	h	30	1/2" sq	18'-6"
a2	-	-	-	h1	20	1/2" sq	18'-6"
a3	8	1/2" sq	4'-0"	h2	12	1/2" sq	5'-0"
a4	8	5/8" sq	6'-9"	h3	8	1/2" sq	4'-0"
a5	4	1/2" sq	6'-9"	h4	10	1/2" sq	4'-0"
b	224	1/2" sq	4'-6"	h5	20	1/2" sq	8'-3"
v	14	1/2" sq	7'-0"	h6	4	1/2" sq	3'-0"
				h7	4	1/2" sq	4'-9"
				h8	4	3/4" sq	11'-3"
				h9	126	3/4" sq	7'-9"

NOTE:-
a4 and a5 bars in skew portion of slab shall be ordered full length and cut to fit in field. Balance of bar to be used in opposite end of culvert

GENERAL NOTES
Class X Concrete shall be used thruout. Culvert walls and slab may be poured monolithically. Exposed edges shall be beveled 3/4". The wing walls shall be poured monolithically with barrel for a distance of SIX feet along the barrel. Subsoil of approximately uniform bearing capacity is assumed.

STANDARD	COMPUTED	EXAMINED
	CHECKED	PASSED
SPECIAL	ASSEMBLED	APPROVED
	CHECKED	

Class X Concrete Cu. Yds. 19.1
Reinforcing Steel Lbs. 2820

S.A. ROUTES 11 & 10 SECTION 100 G JEFFERSON COUNTY STA. 221+35

STANDARD 1756

MODEL 005 FILE NAME: 21-00226-00-RS-100G-1755.dgn

HAMPTON, LENZINI AND RENWICK, INC.
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000959

USER NAME = arlegler	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / 1"	DRAWN -	REVISED -
PLOT DATE = 8/8/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RICHVIEW ROAD
EXISTING PLANS - STA 221+64**

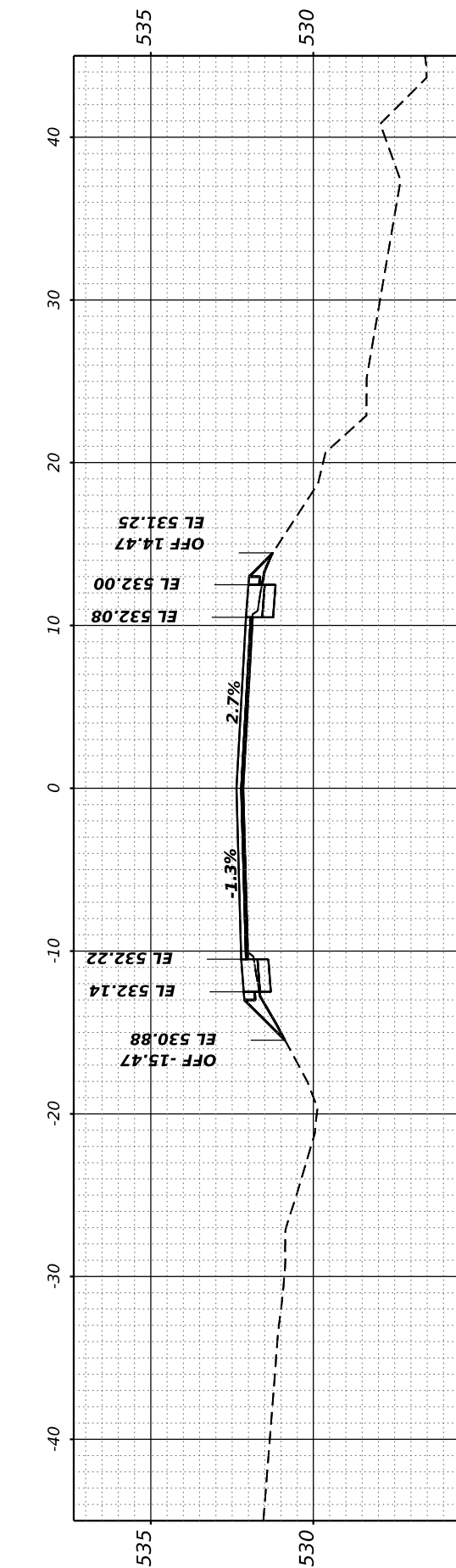
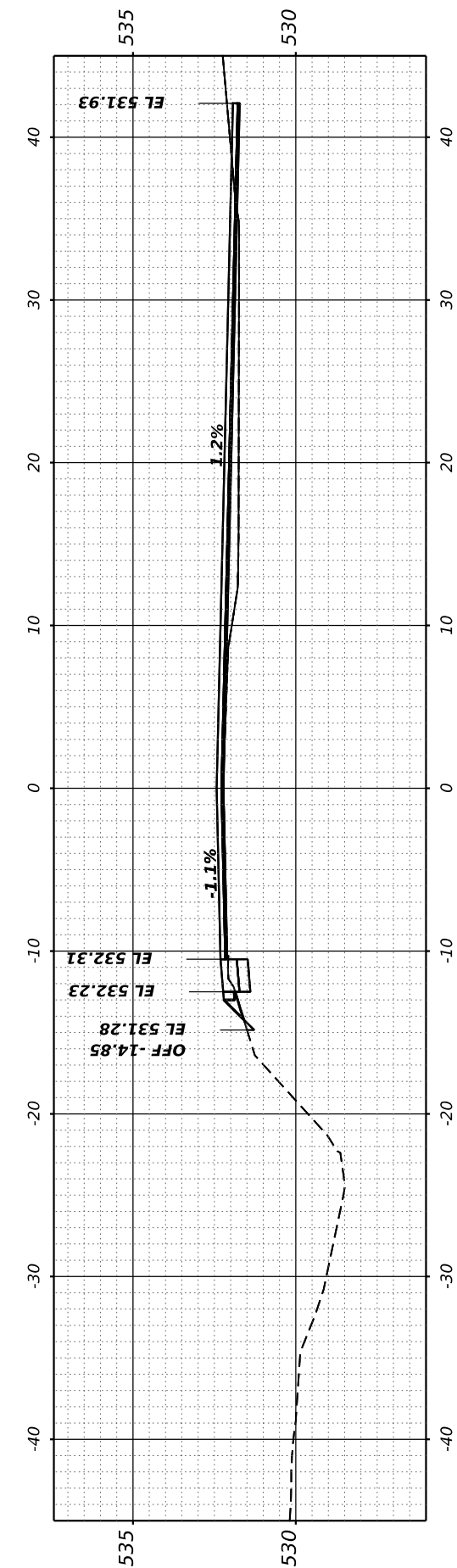
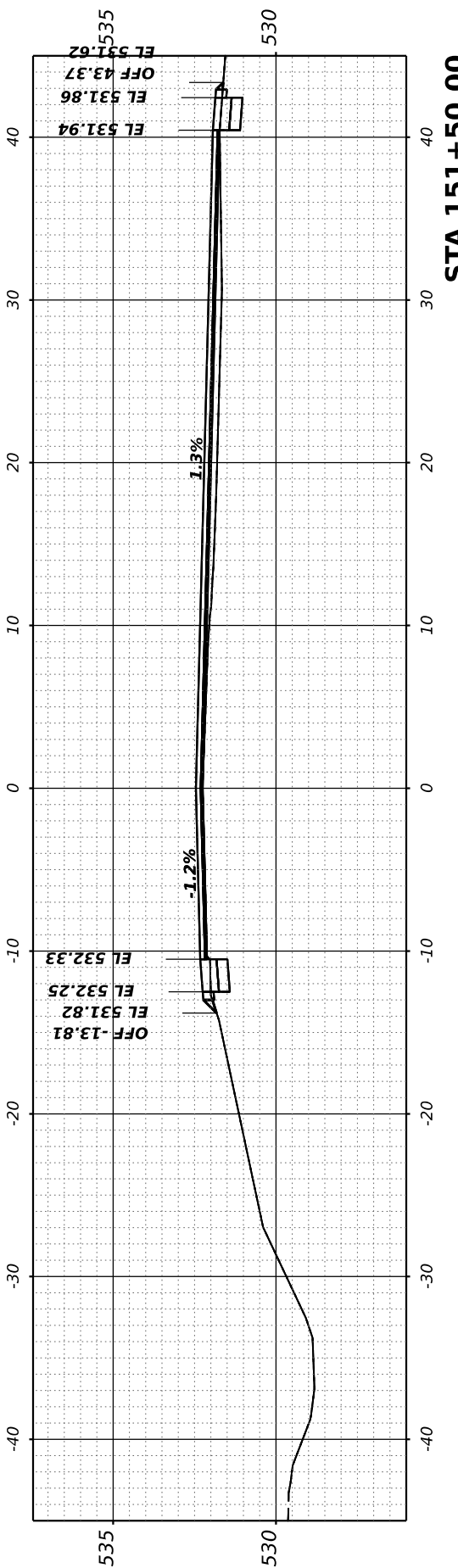
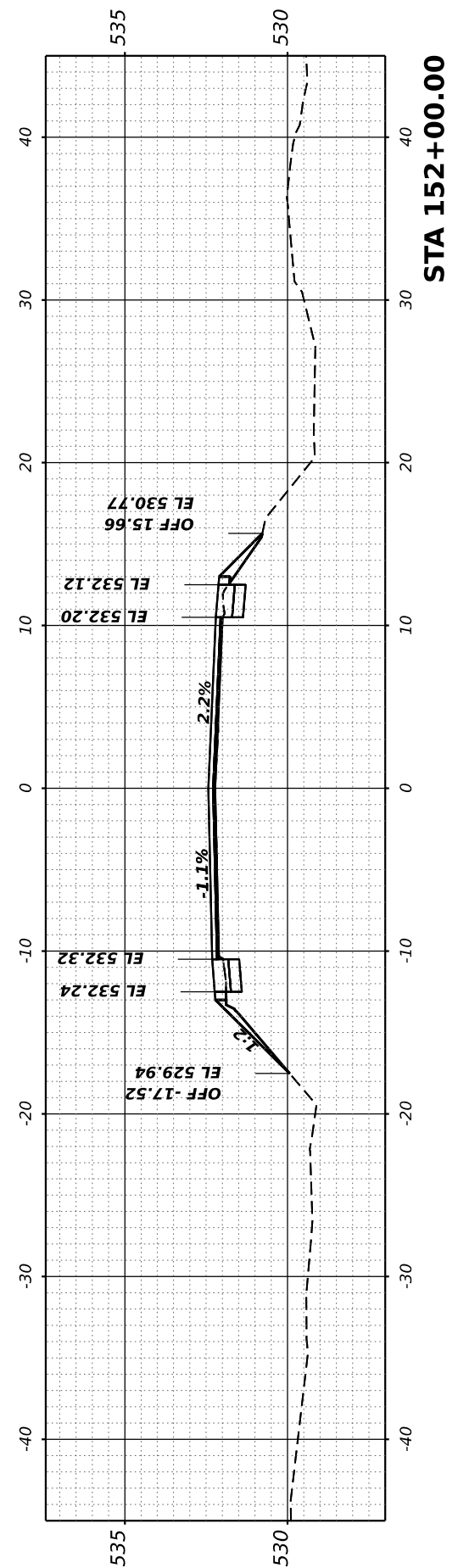
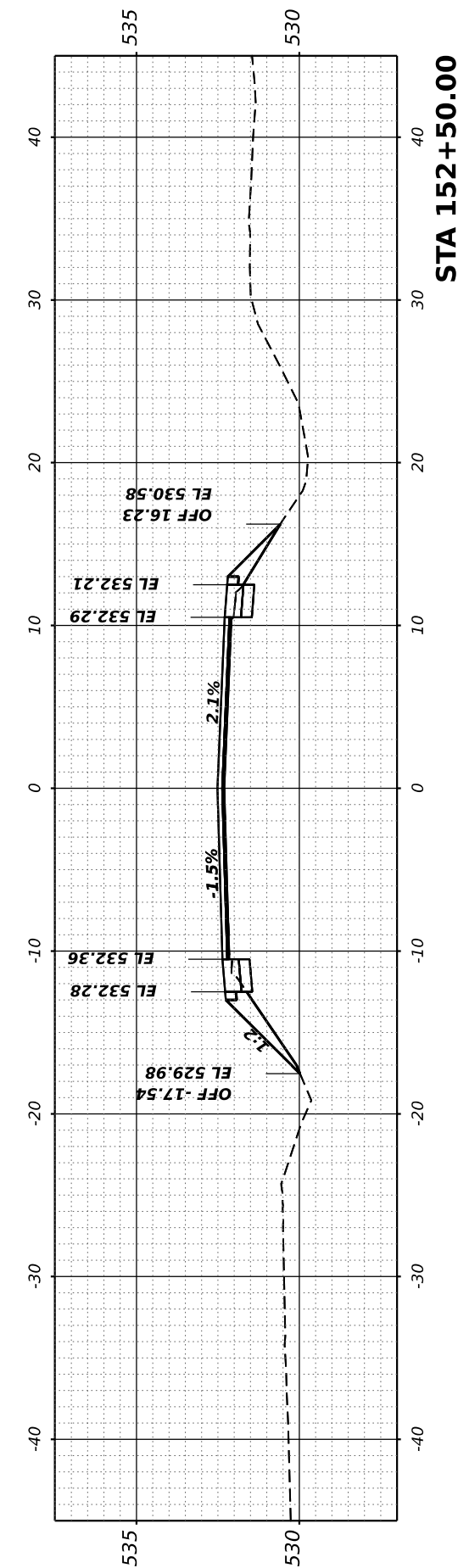
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE. 826	SECTION 21-00226-00-RS	COUNTY JEFFERSON	TOTAL SHEETS 239	SHEET NO. 61
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

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

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

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HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / FE / SE CORP. 184.000959

USER NAME	arietler
PLOT SCALE	0.16666667 / in.
PLOT DATE	7/7/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

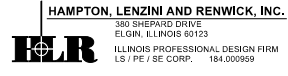
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	62
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

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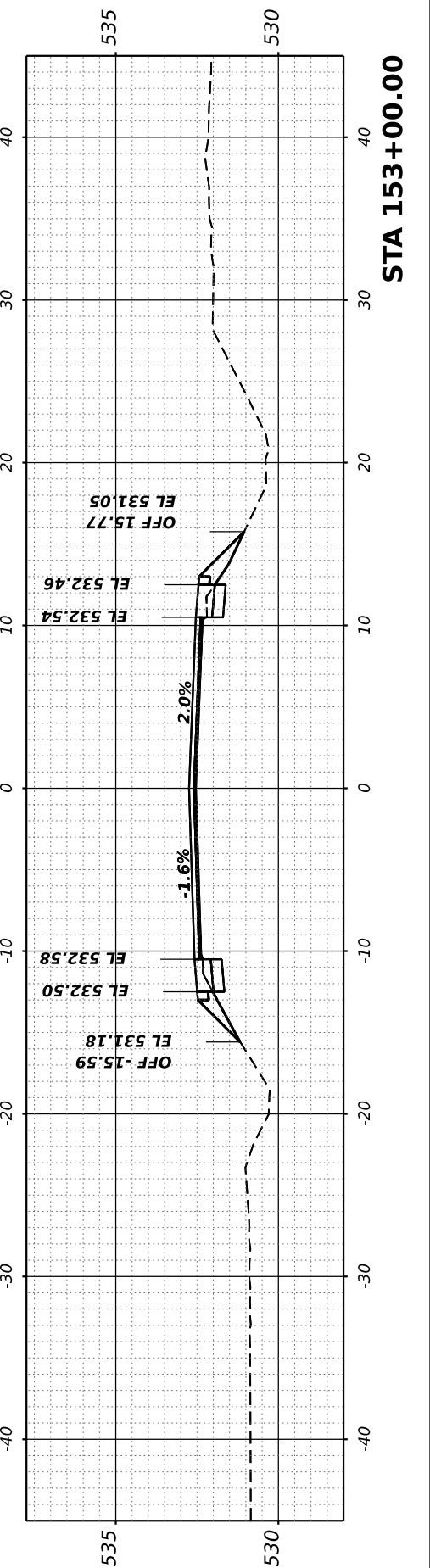
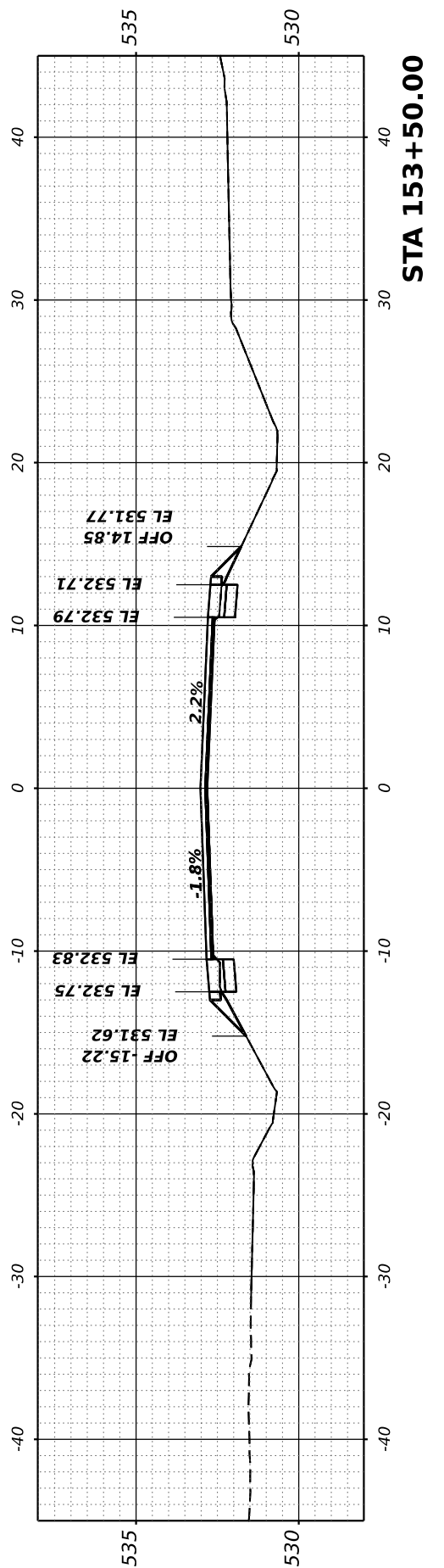
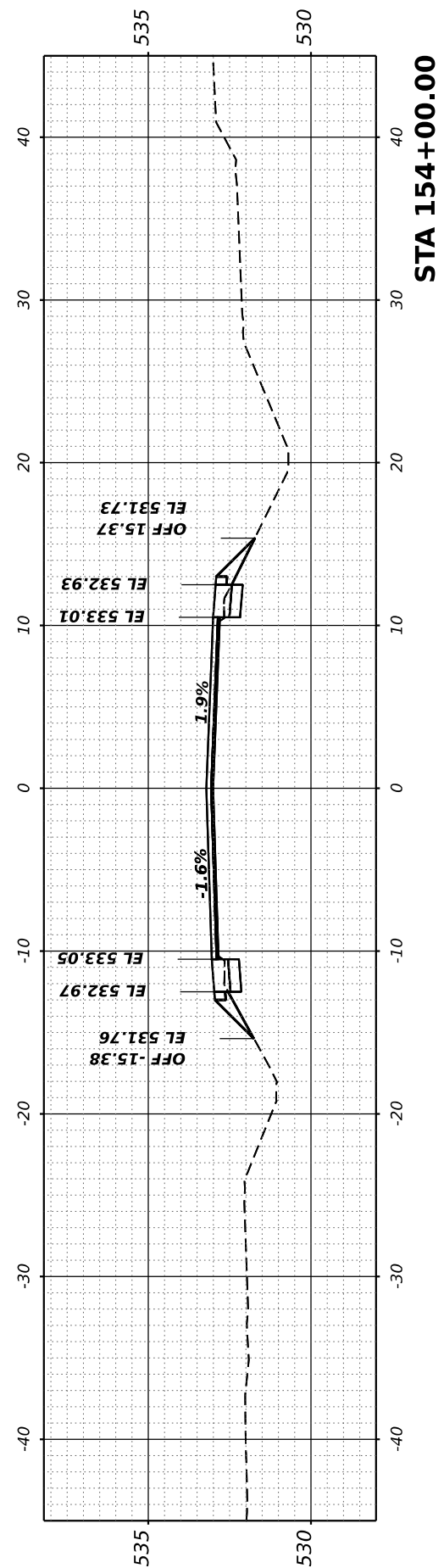
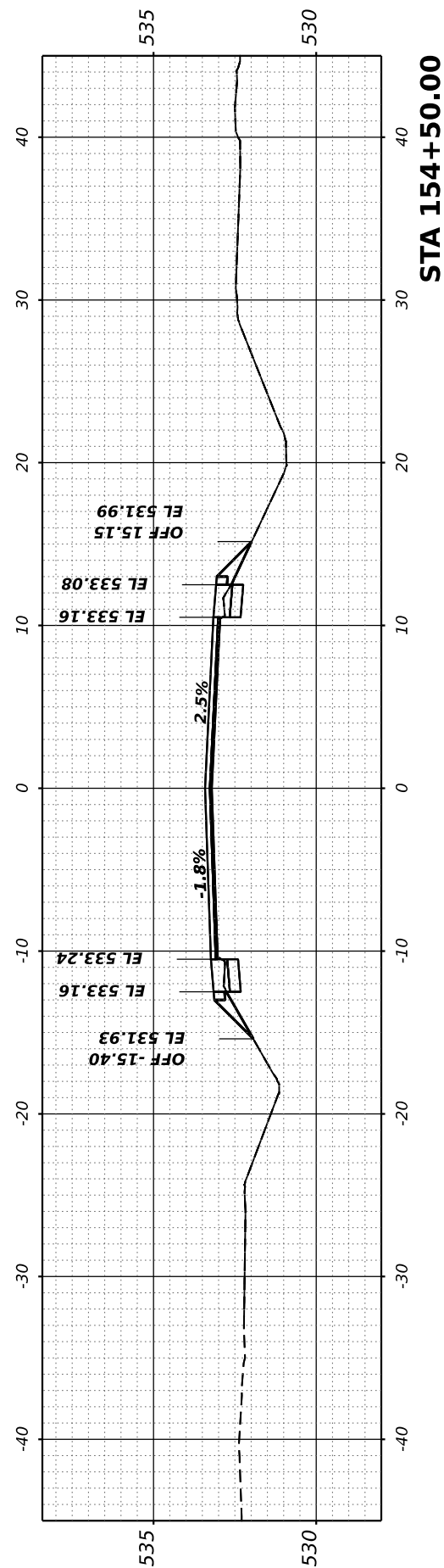
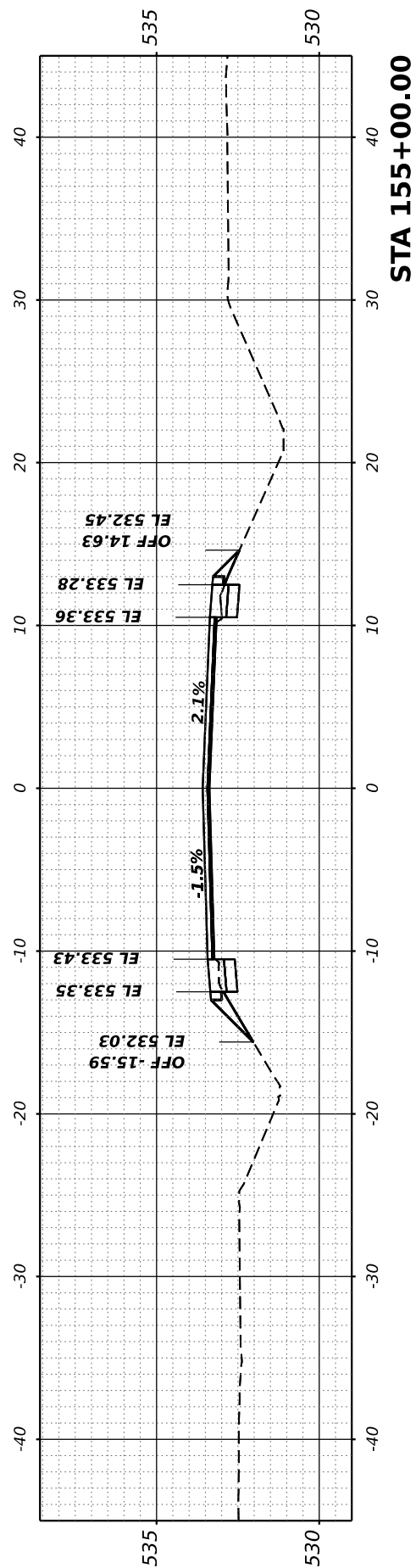
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PLOT SCALE	= 0.16666667 ' / in.	DRAWN	-	REVISED	-
PLOT DATE	= 7/7/2023	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

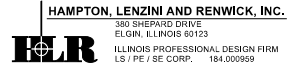
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		RICHVIEW ROAD		
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	63
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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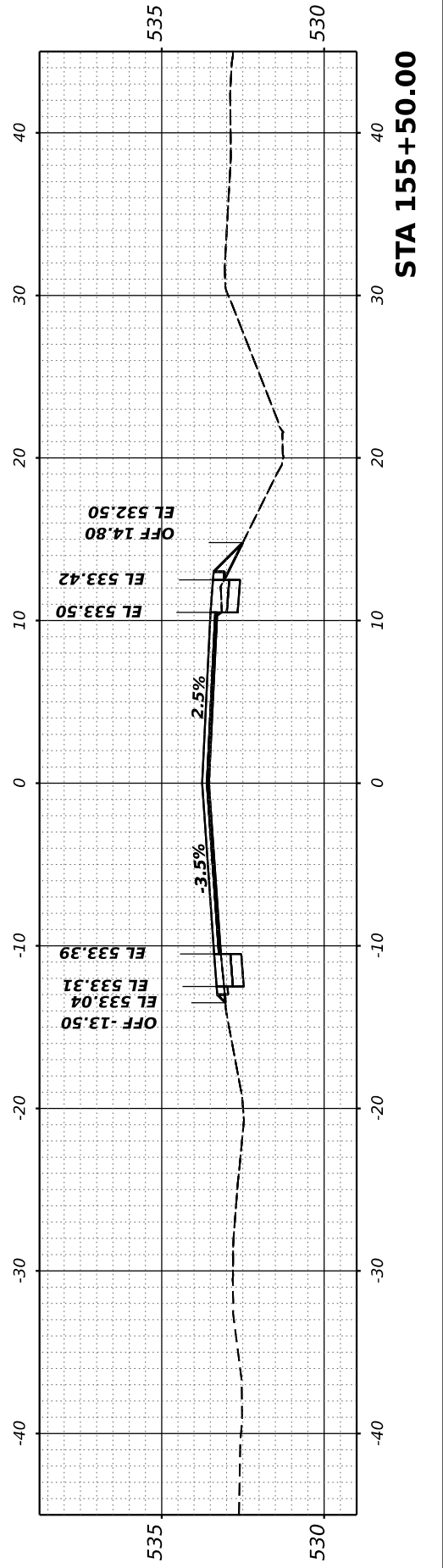
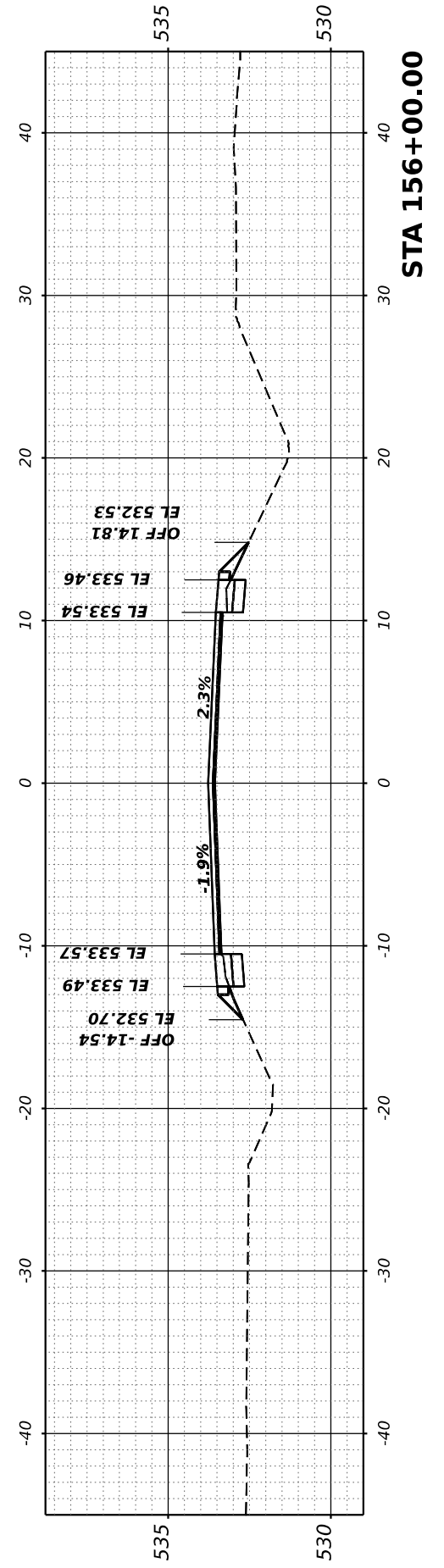
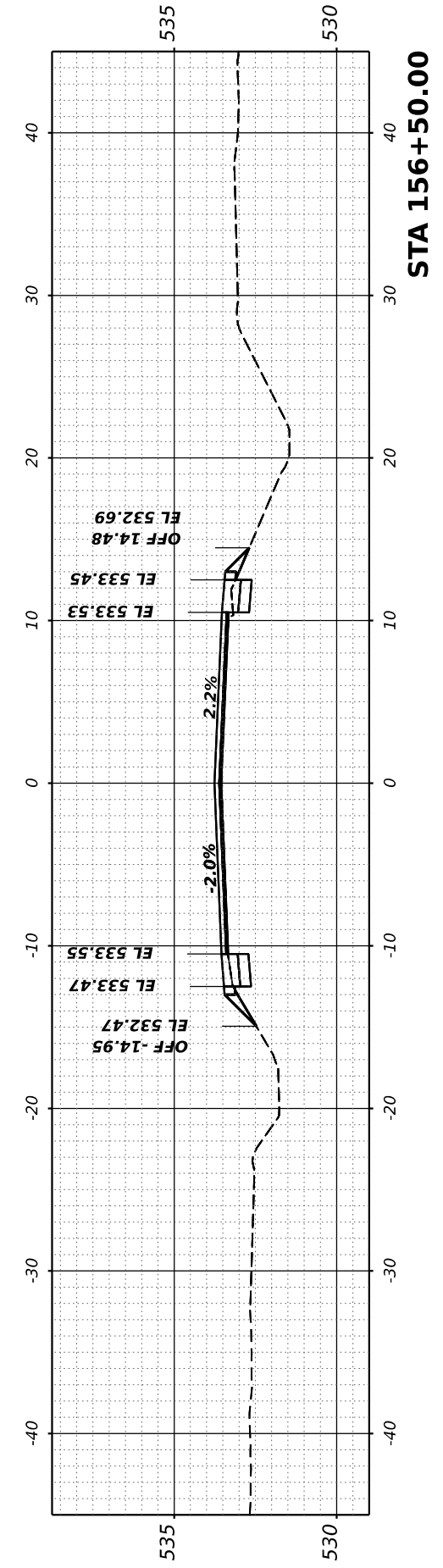
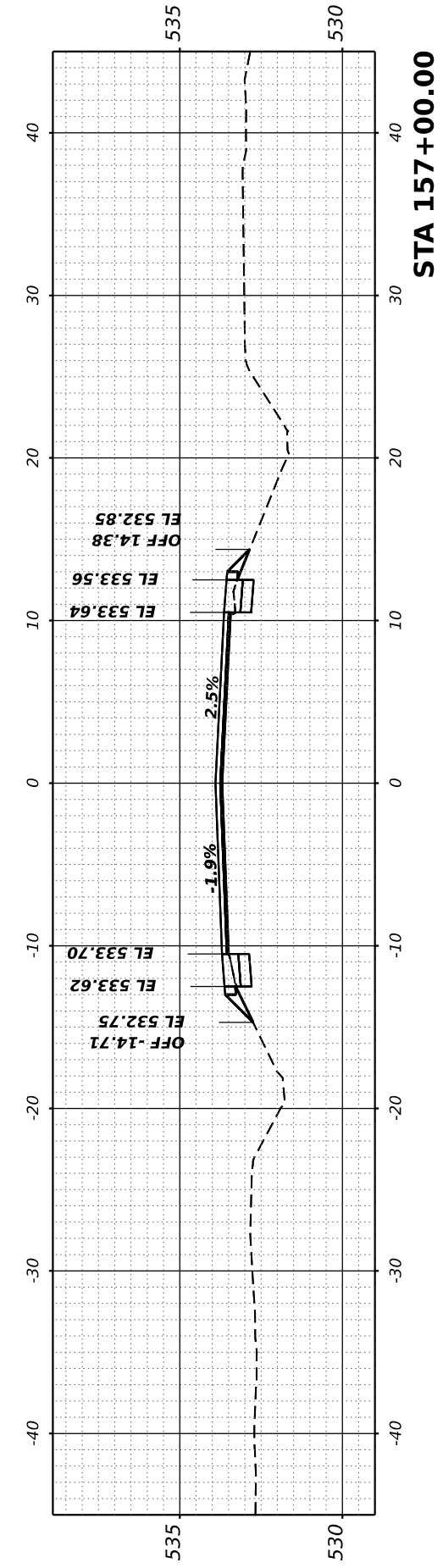
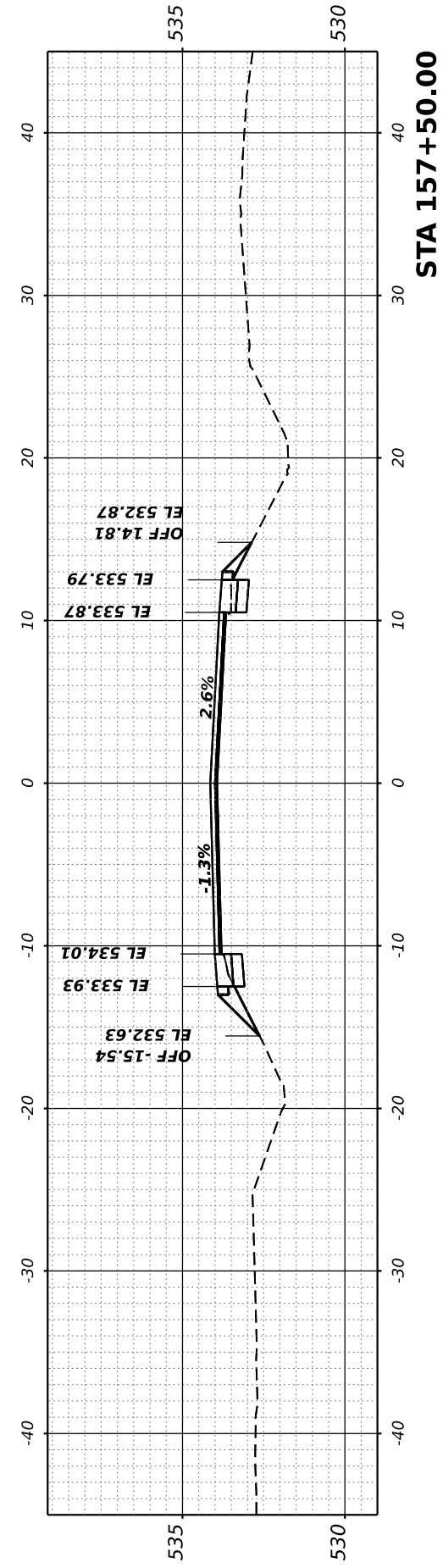
USER NAME	■ ariegler	DESIGNED	-
PLOT SCALE	■ 0.16666667 ' / in.	DRAWN	-
PLOT DATE	■ 7/7/2023	CHECKED	-
		DATE	-
		REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

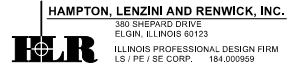
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	64
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Corridor-1_158+00.00 [Sheet]
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USER NAME	ariegler
PLOT SCALE	= 0.16666667 ' / in.
PLOT DATE	7/7/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

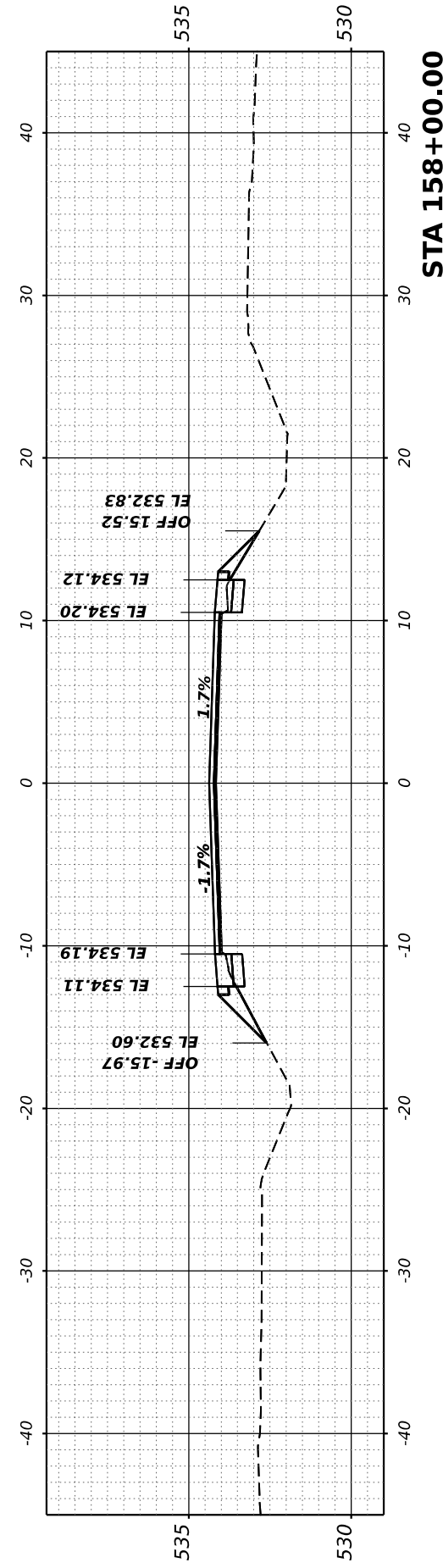
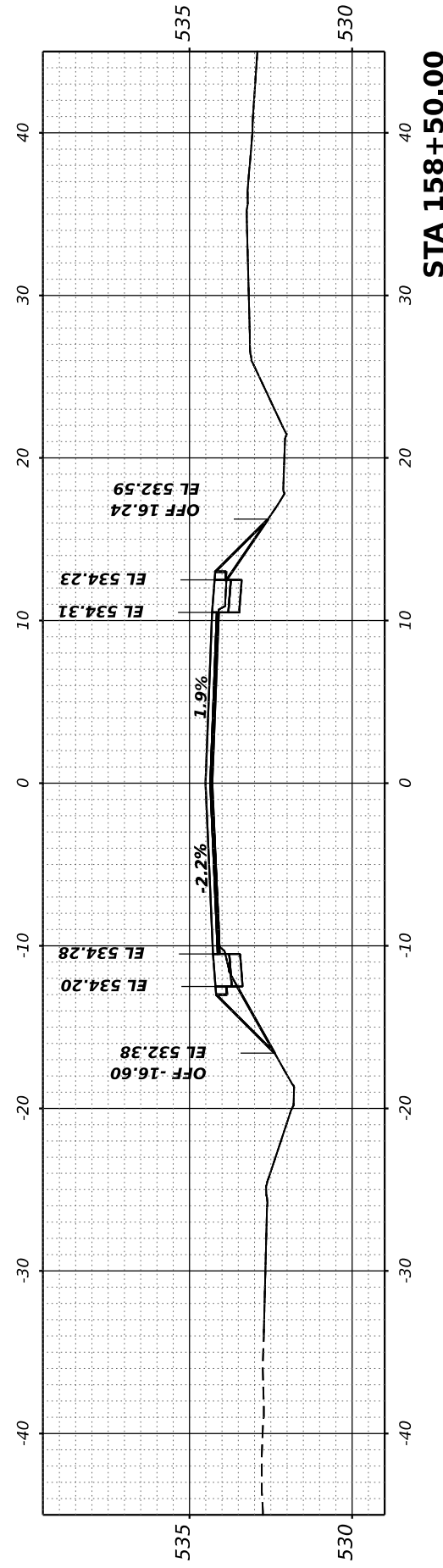
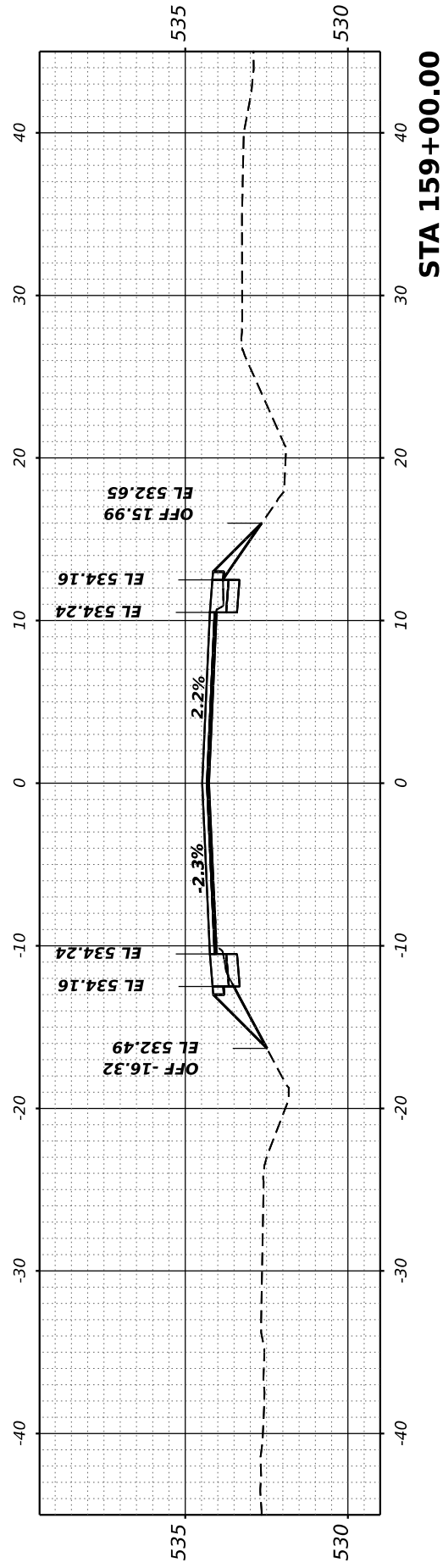
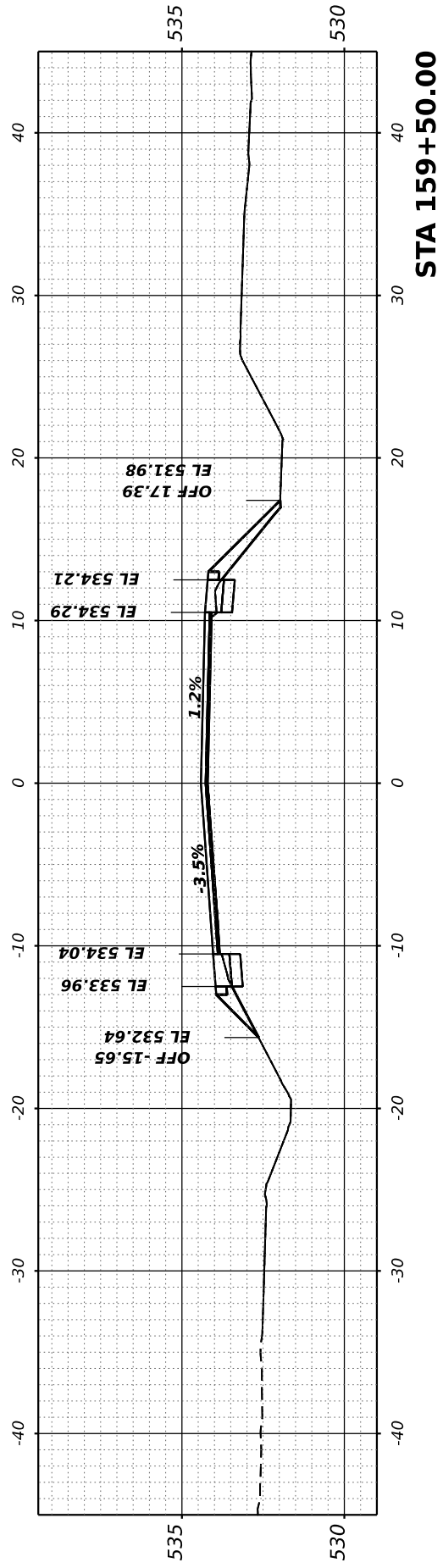
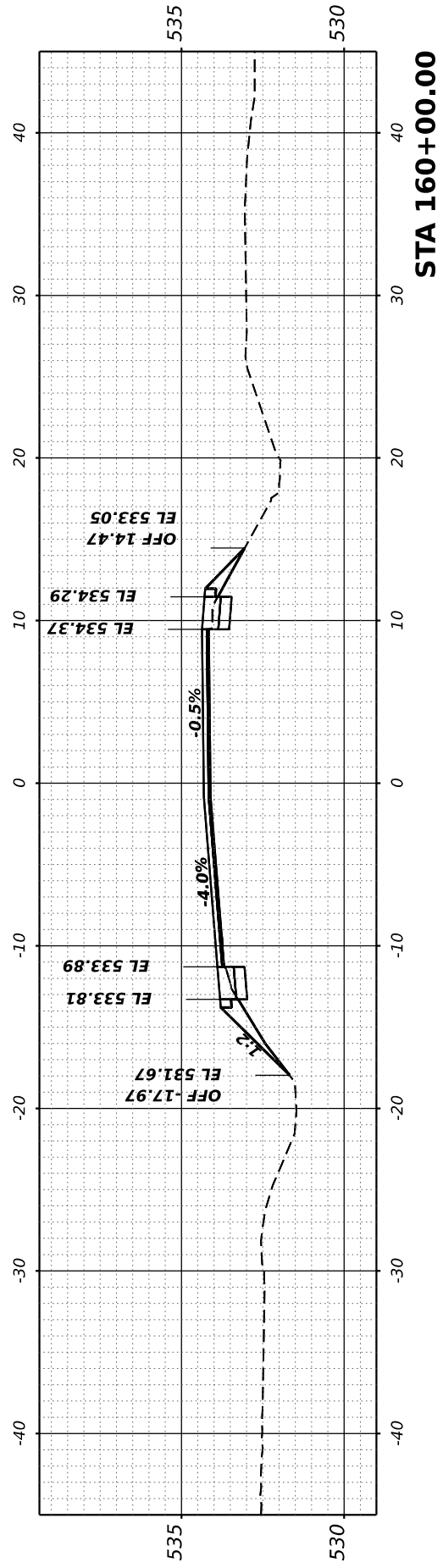
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REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

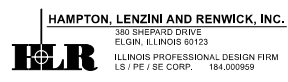
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	65
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Condo-1 - 160+50.00 (Sheet)
 FILE NAME: P:\2021\210720\CARDZ Des\pm\CADD_Sheets\210720-Rich-Road-1.dgn



USER NAME	■ ariegler
PLOT SCALE	■ 0.16666667 ' / in.
PLOT DATE	■ 7/7/2023

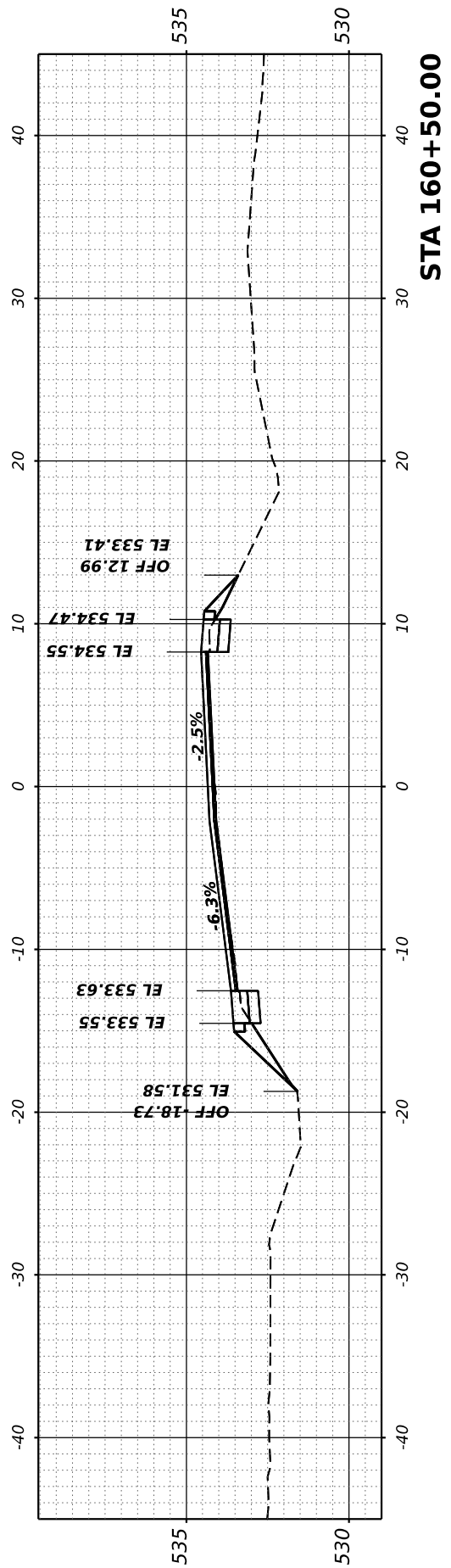
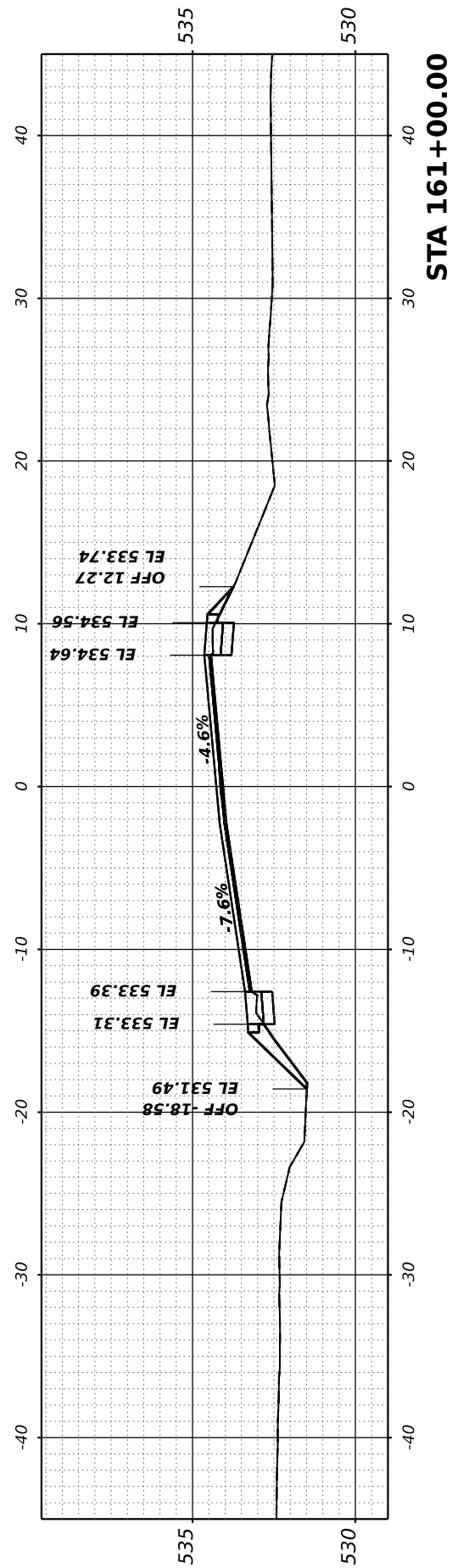
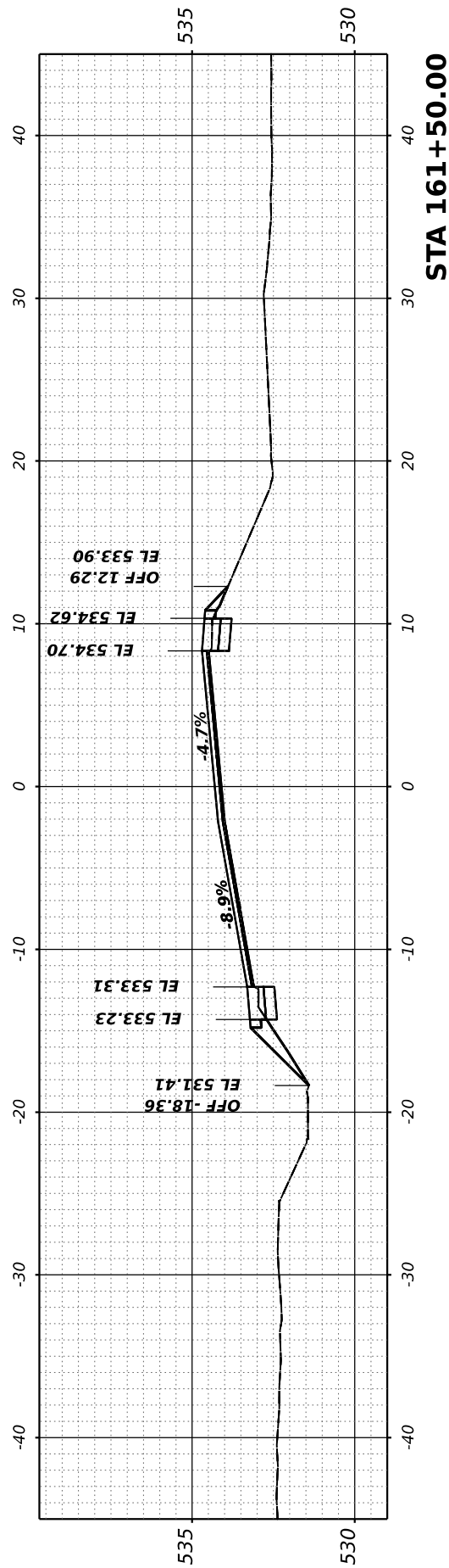
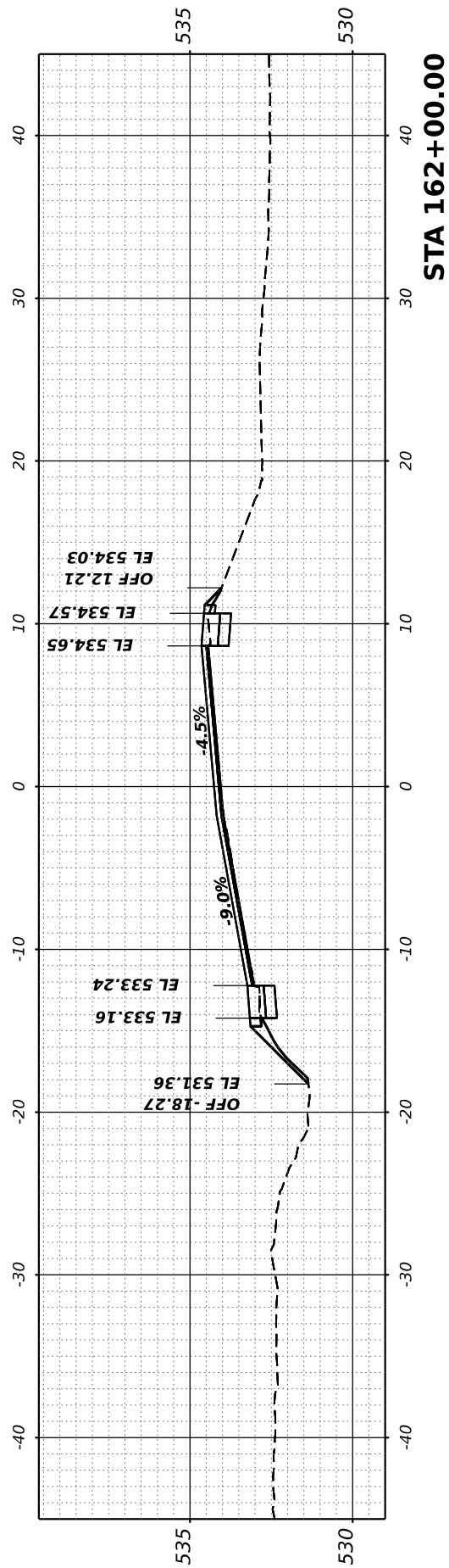
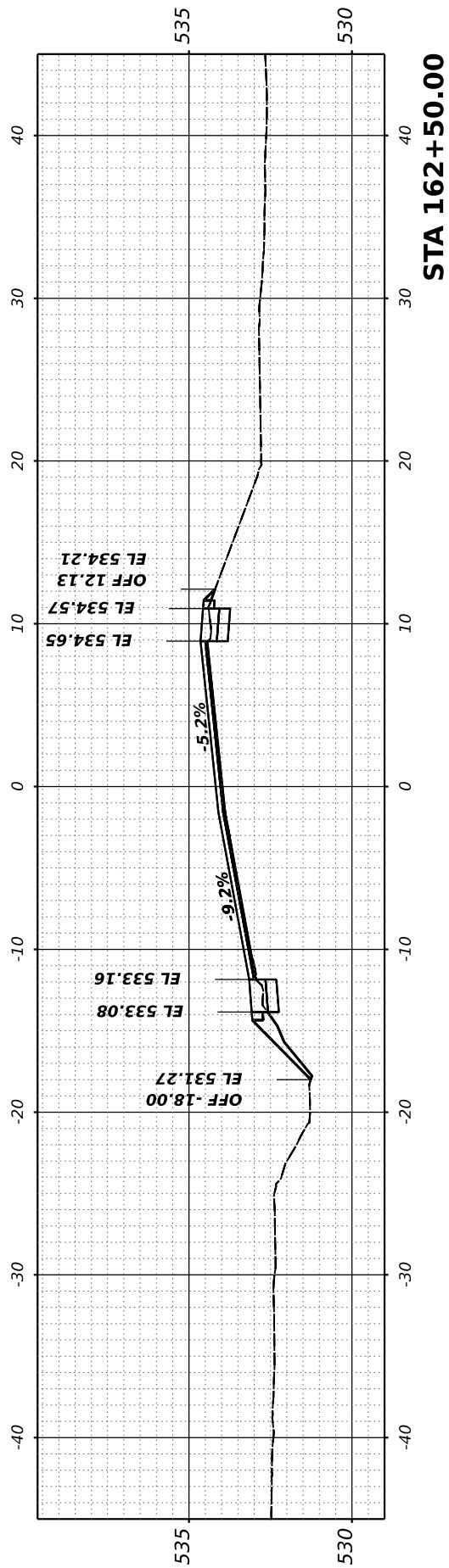
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DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

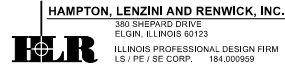
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	66
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Corridor-1 - 163+00.00 (Sheet)
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PLOT SCALE	= 0.16666667 ' / in.
PLOT DATE	= 7/7/2023

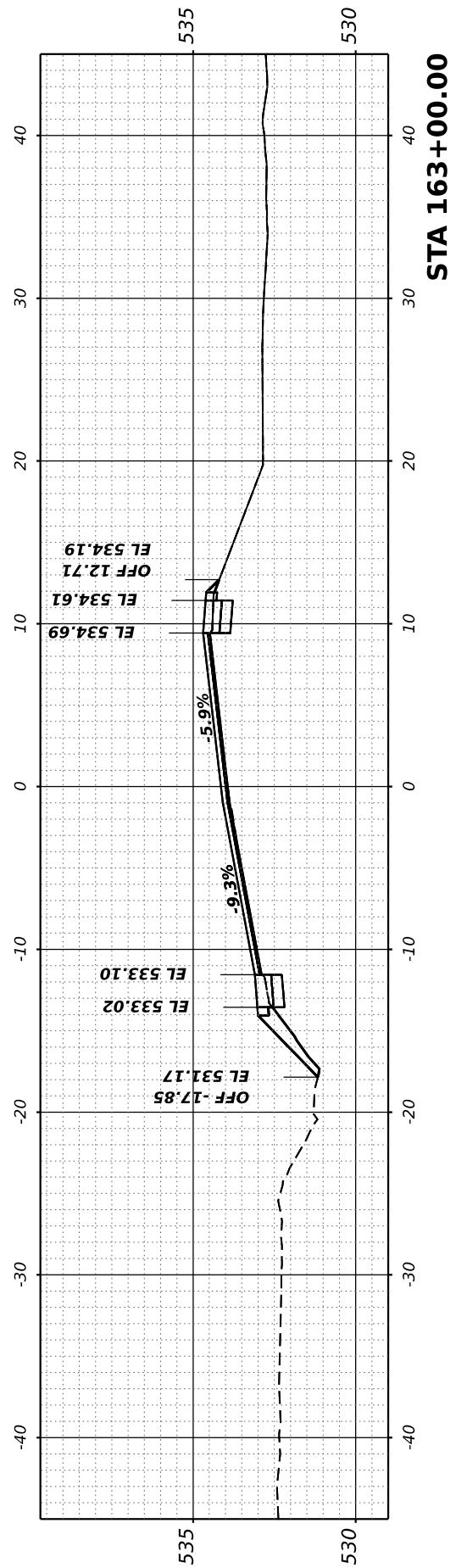
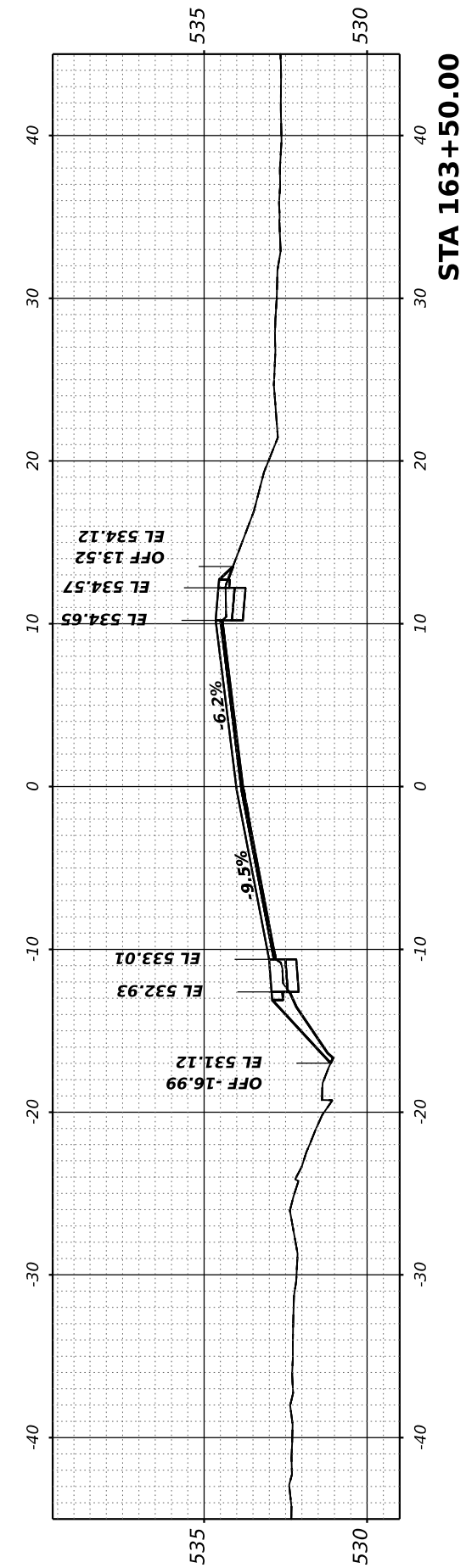
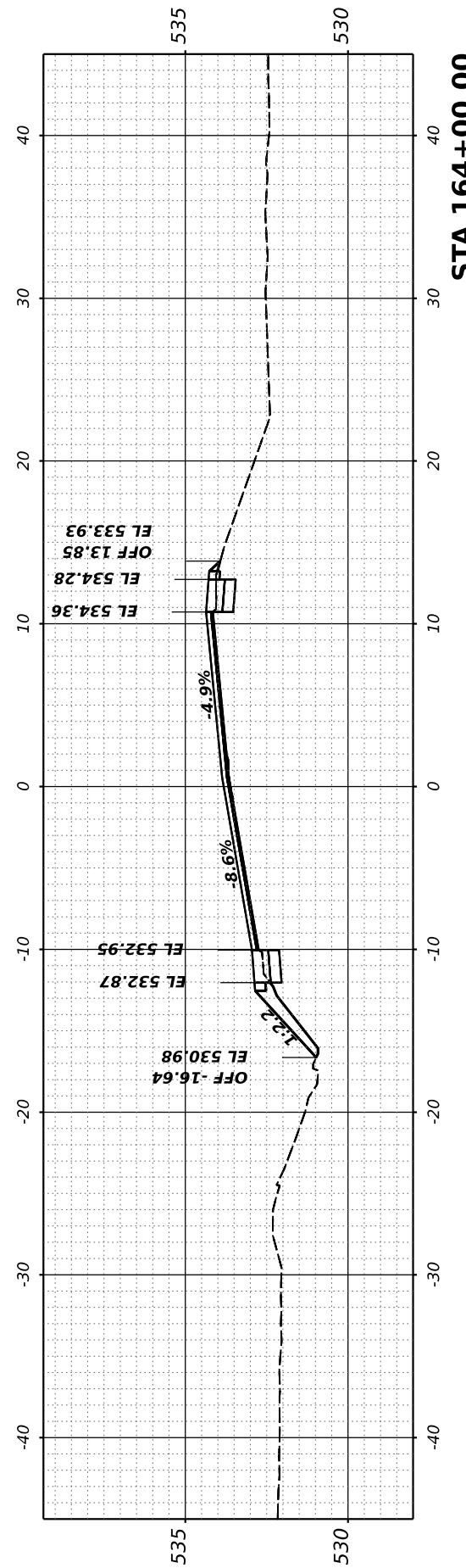
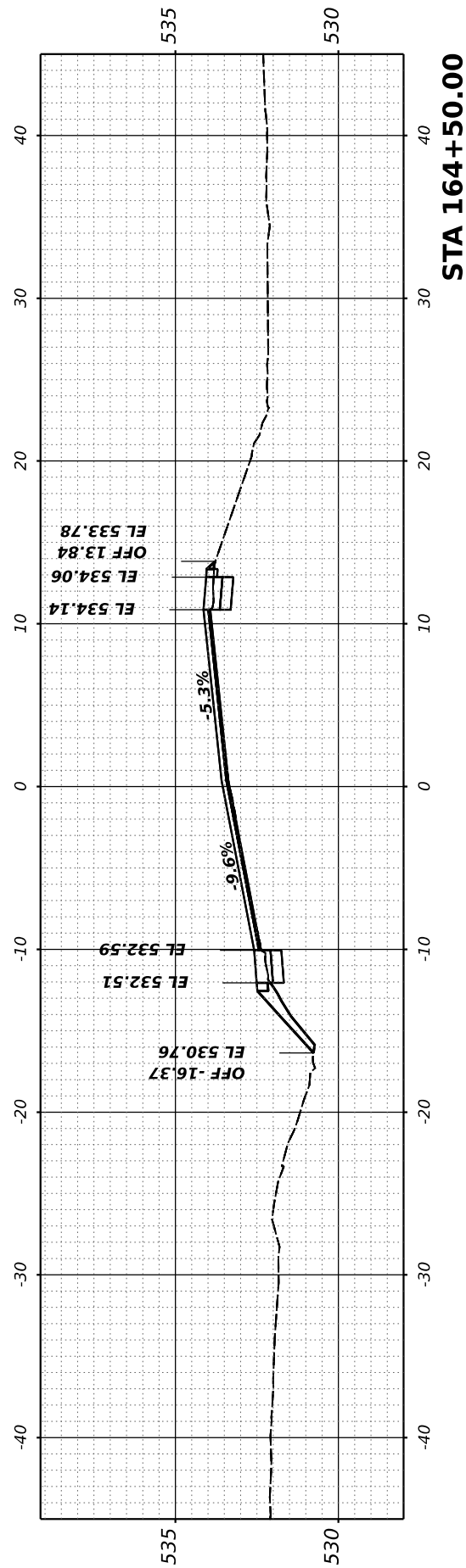
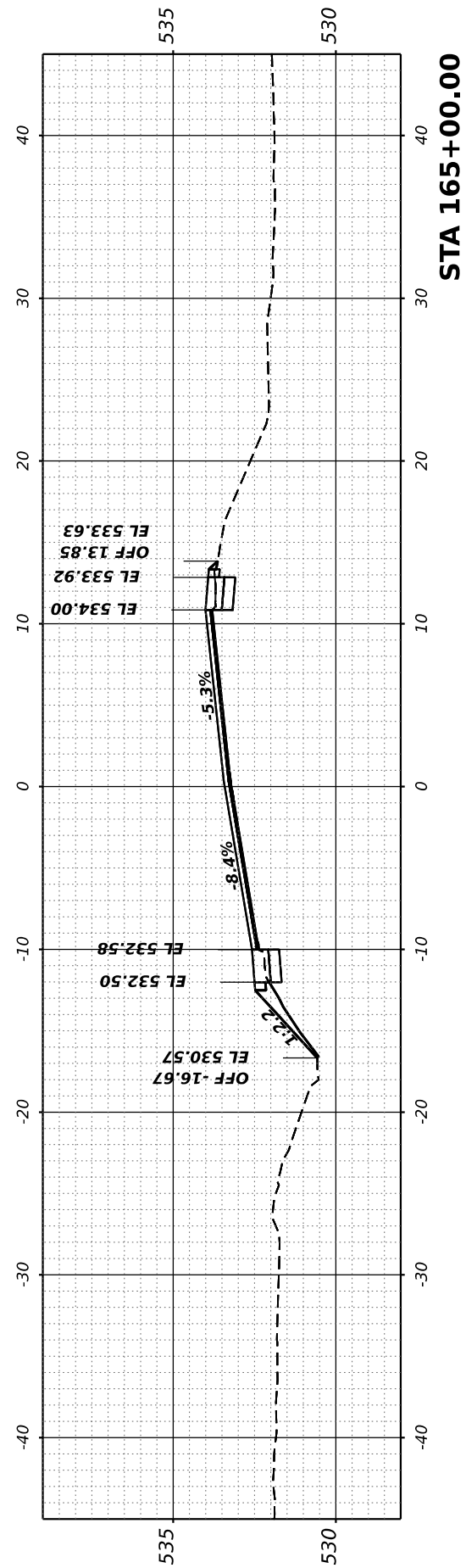
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	67
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

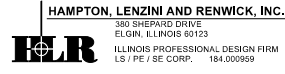


FINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

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

MODEL: Comdor-1 - 165+50.00 (Sheet)

FILE NAME: P:\2021\10720\CAD\2 Des\p1\CADD_Sheets\10720-Rich-ss-Comdor-1.dgn



USER NAME	arietgler
PLOT SCALE	= 0.16666667 / in.
PLOT DATE	= 7/7/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

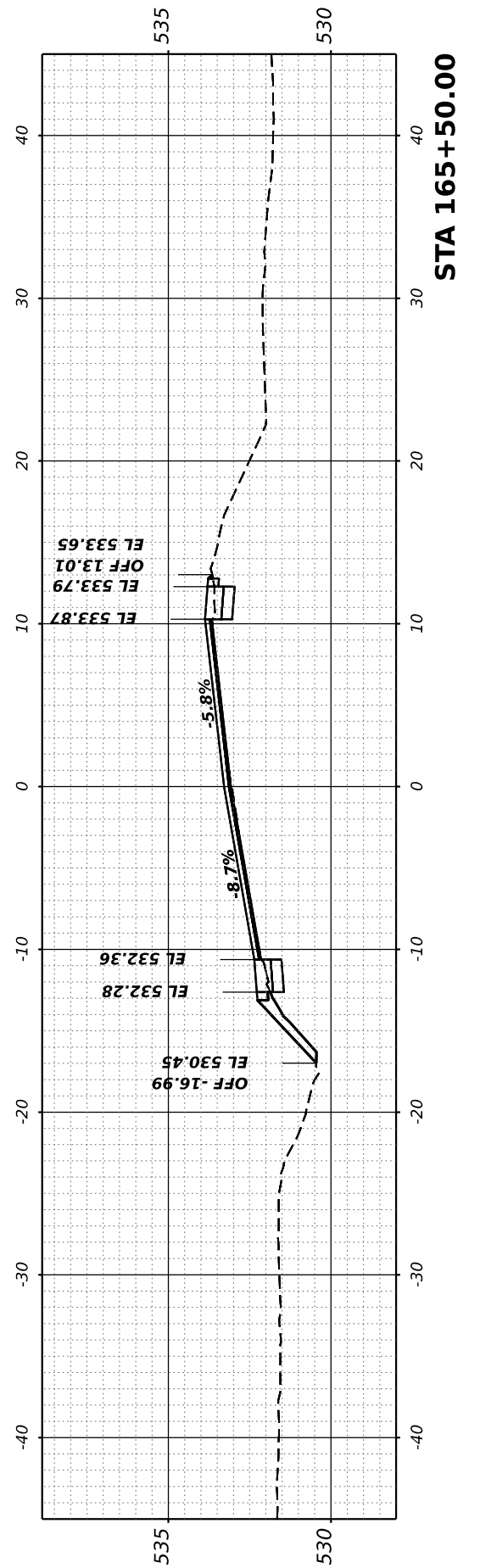
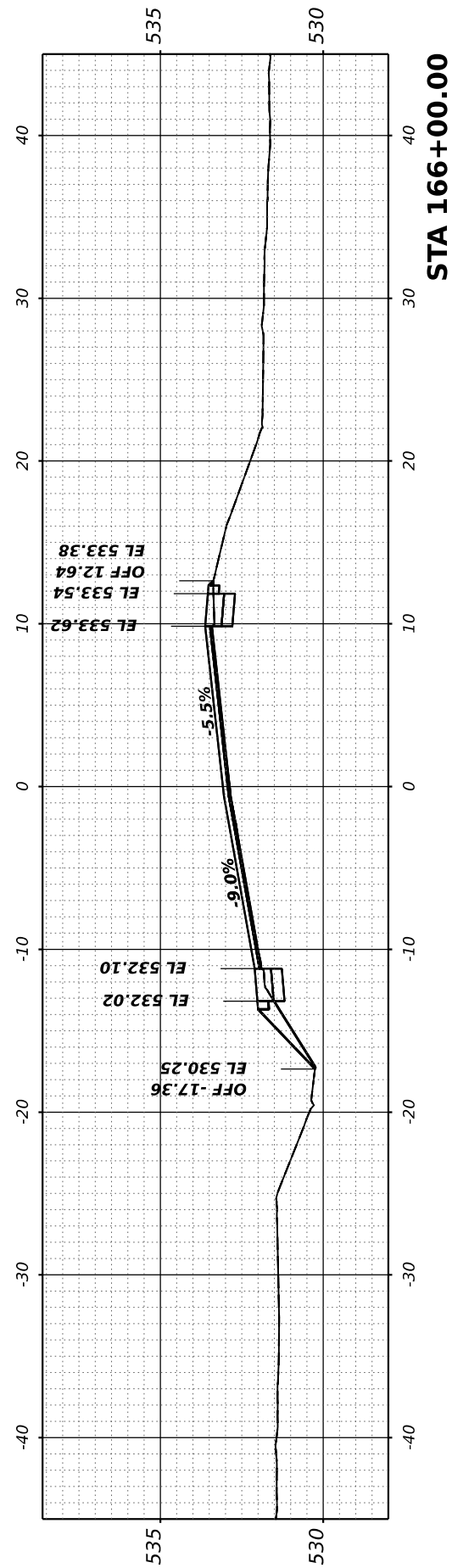
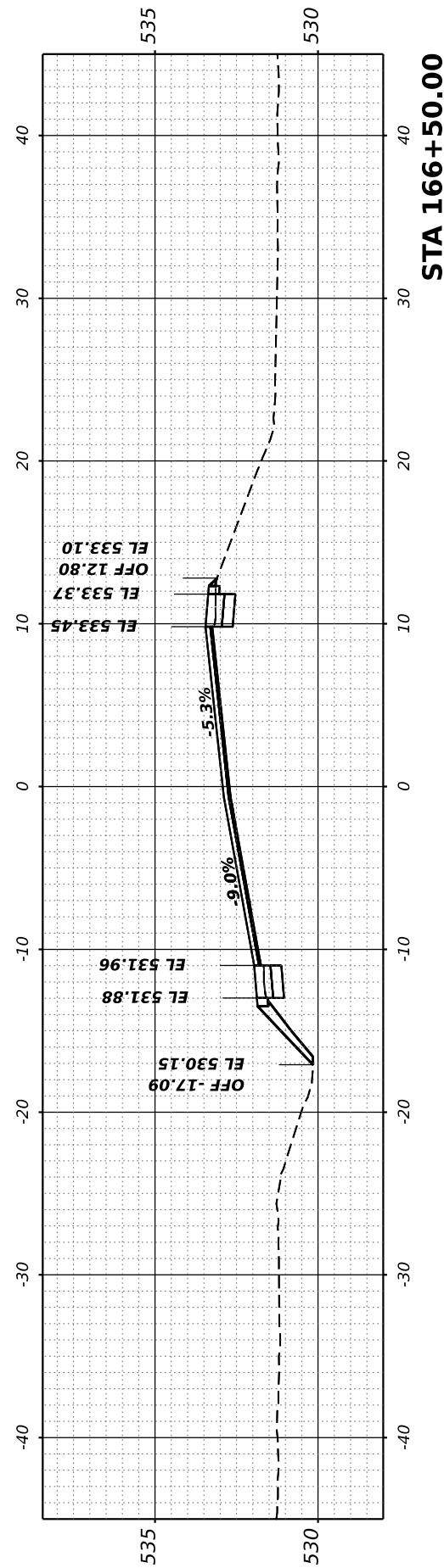
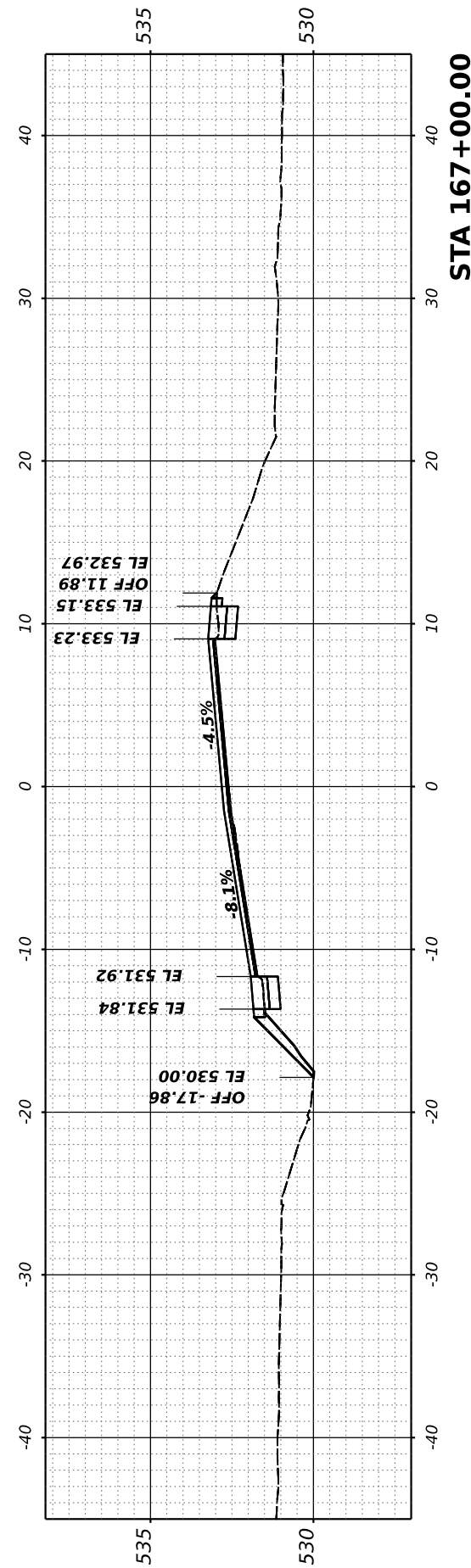
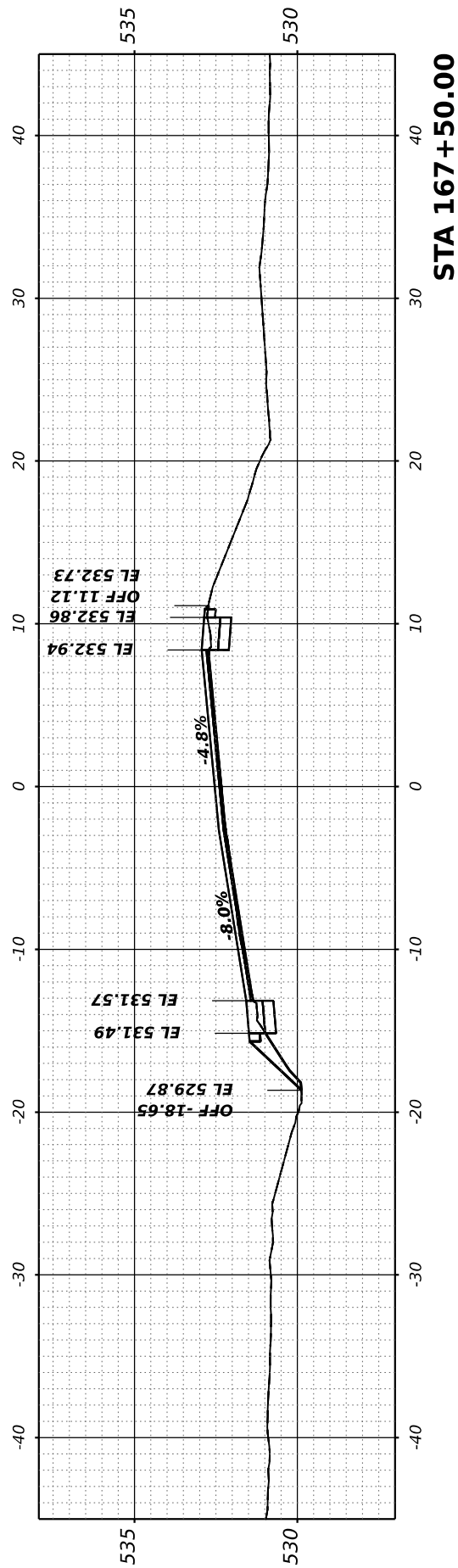
REVISED	-
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REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	68
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

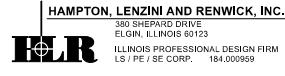


FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
	NOTE BOOK TEMPLATE AREAS CHECKED		

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

MODEL: Corridor-1 - 168+00.00 [Sheet]

FILE NAME: P:\2021\210720\CAD\2 Des\pm\CADD_Sheets\210720-Rich-Road-Corridor-1.dgn



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PLOT SCALE	= 0.16666667 / in.
PLOT DATE	= 7/7/2023

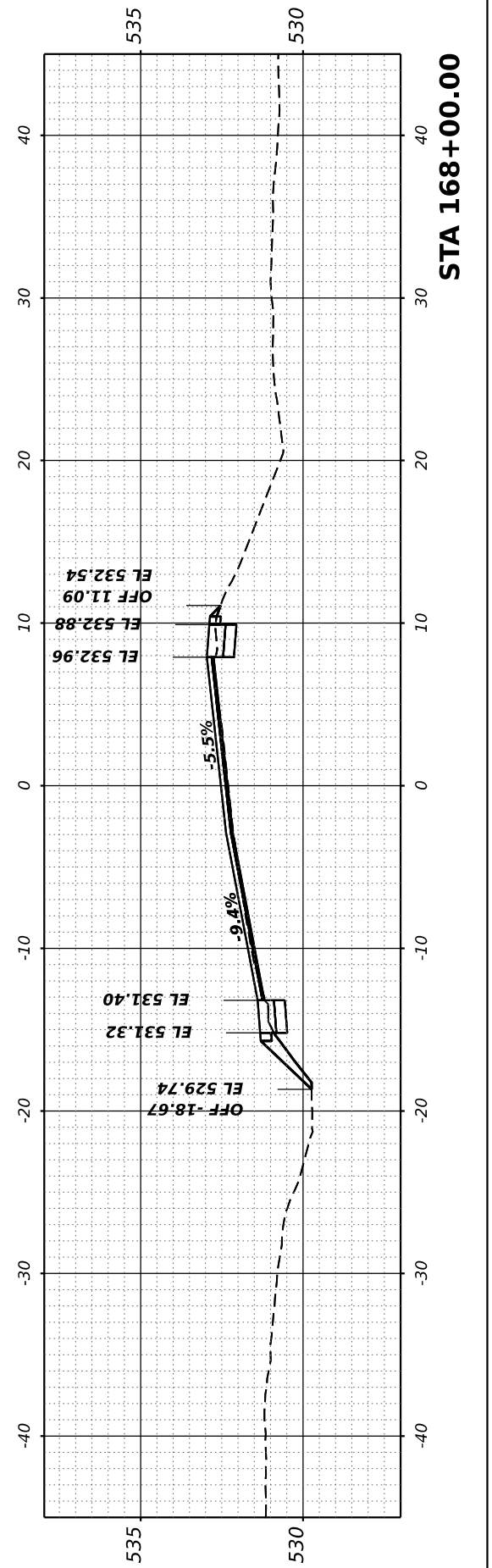
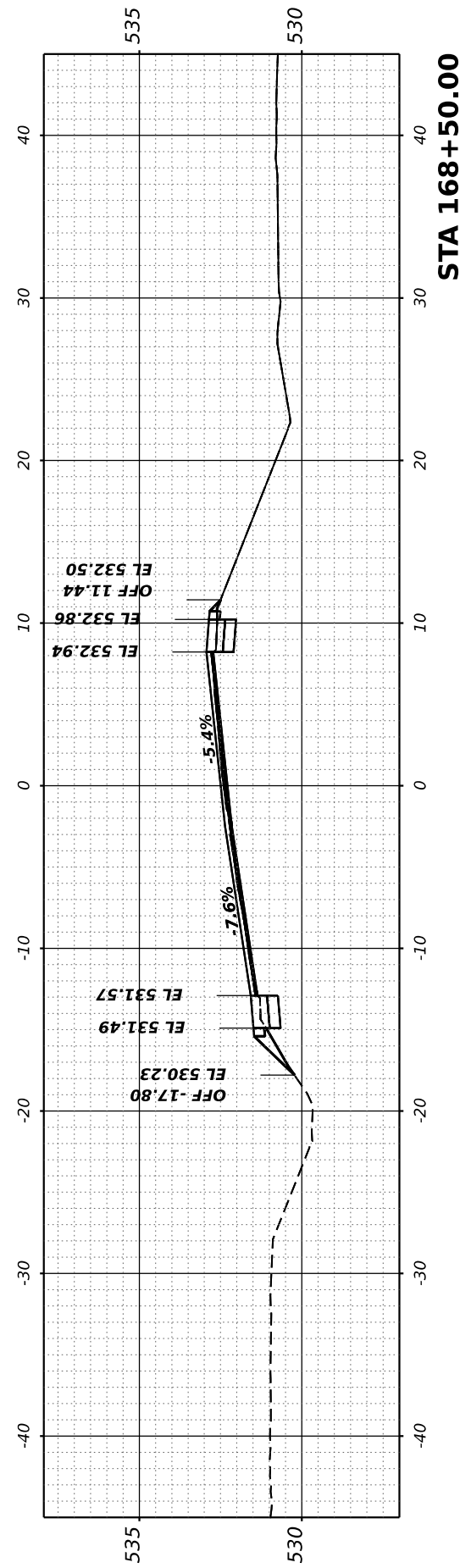
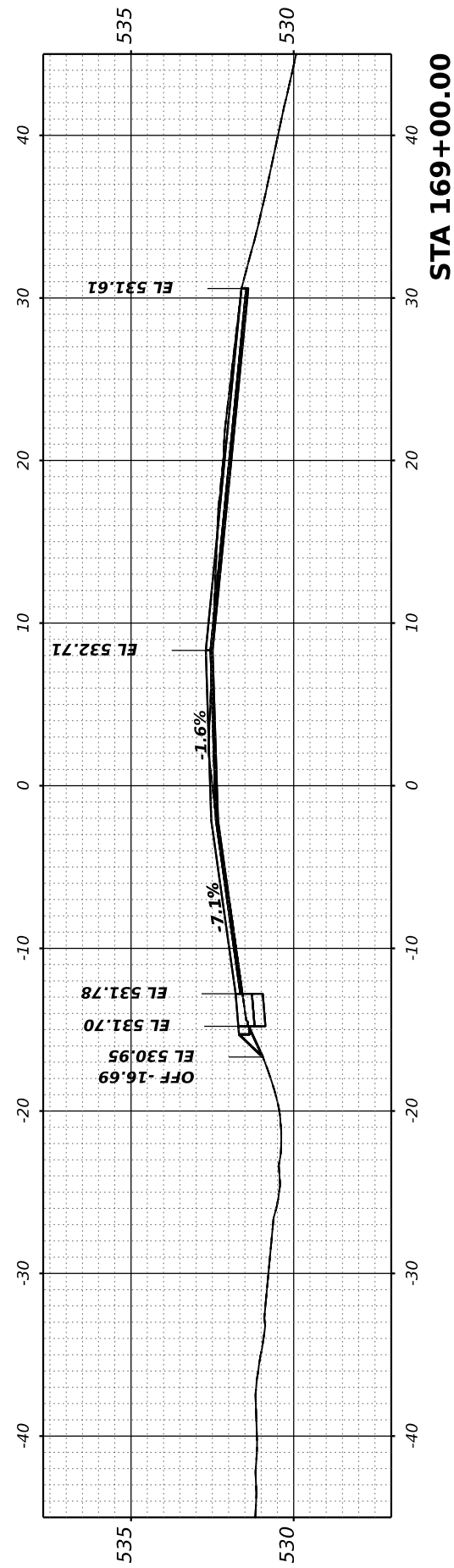
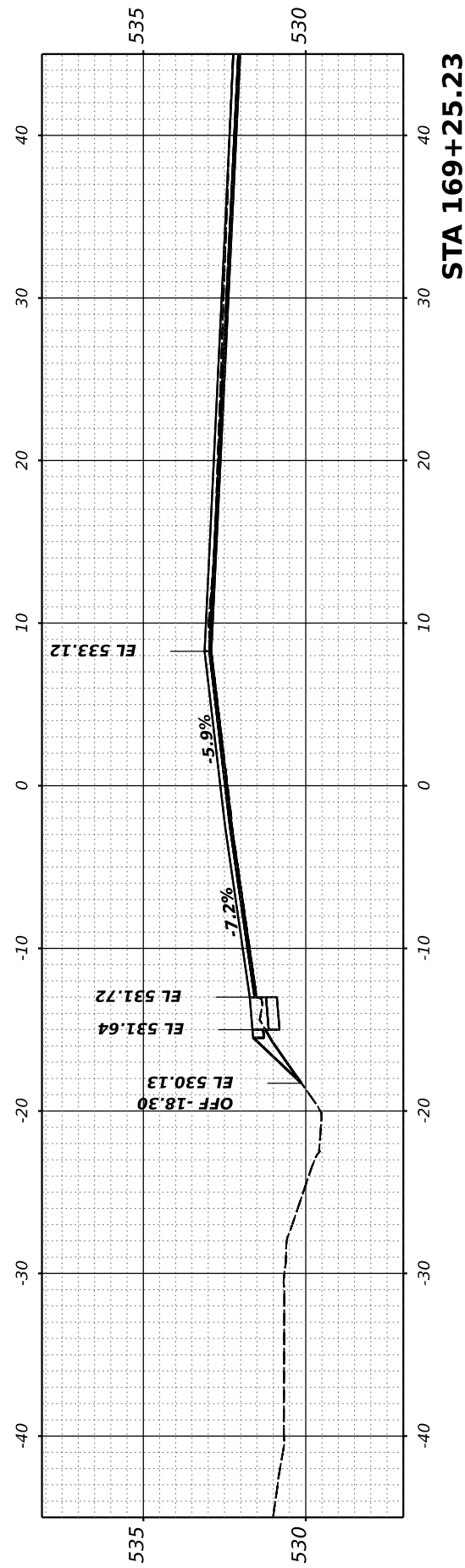
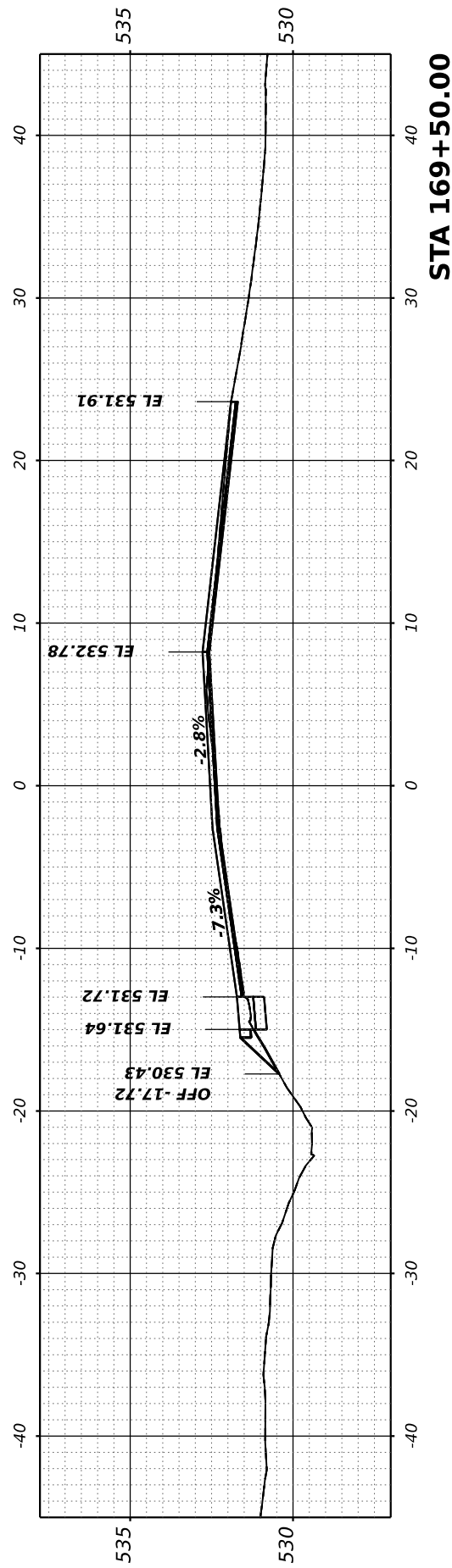
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

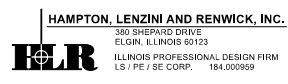
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	69
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

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PLOT DATE	= 7/7/2023

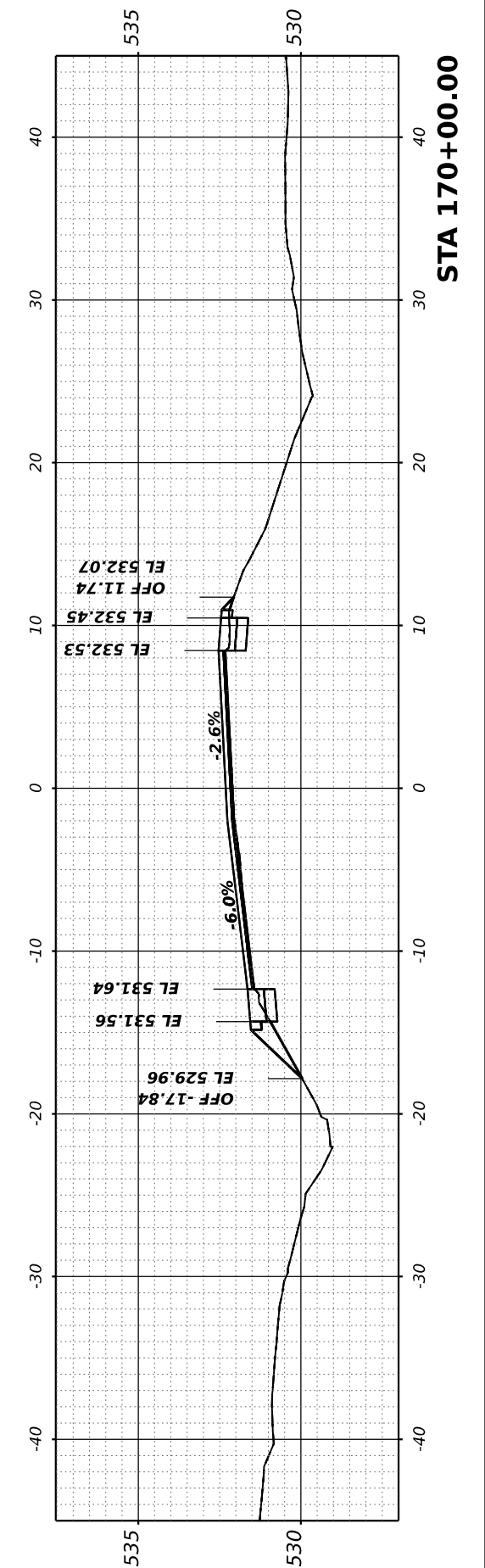
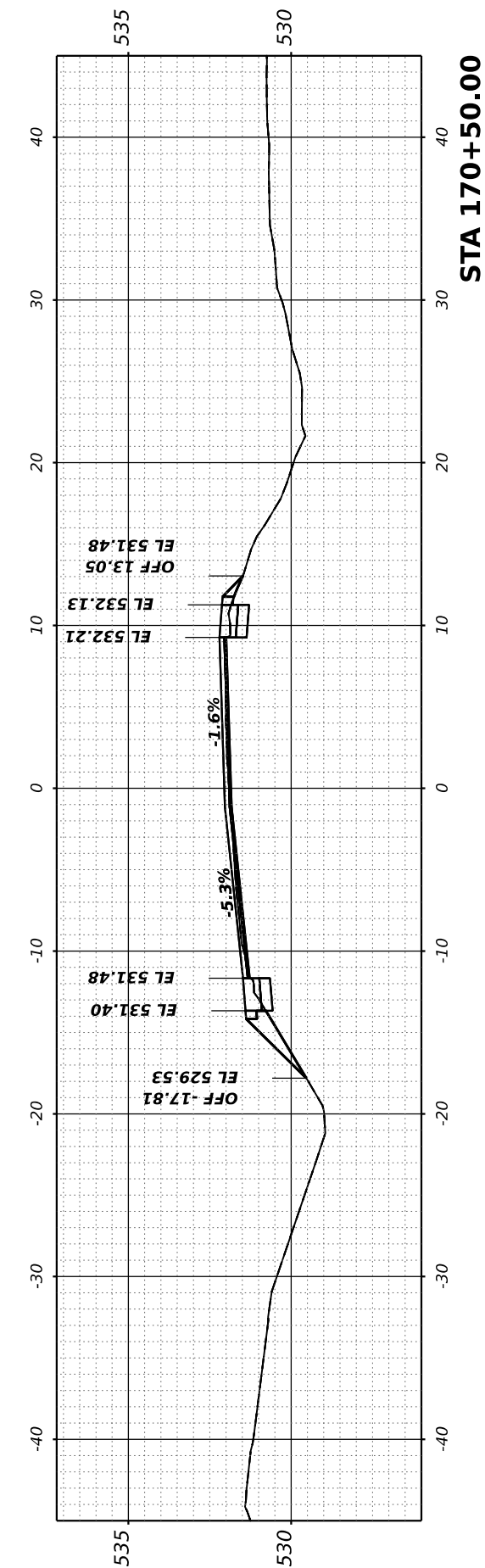
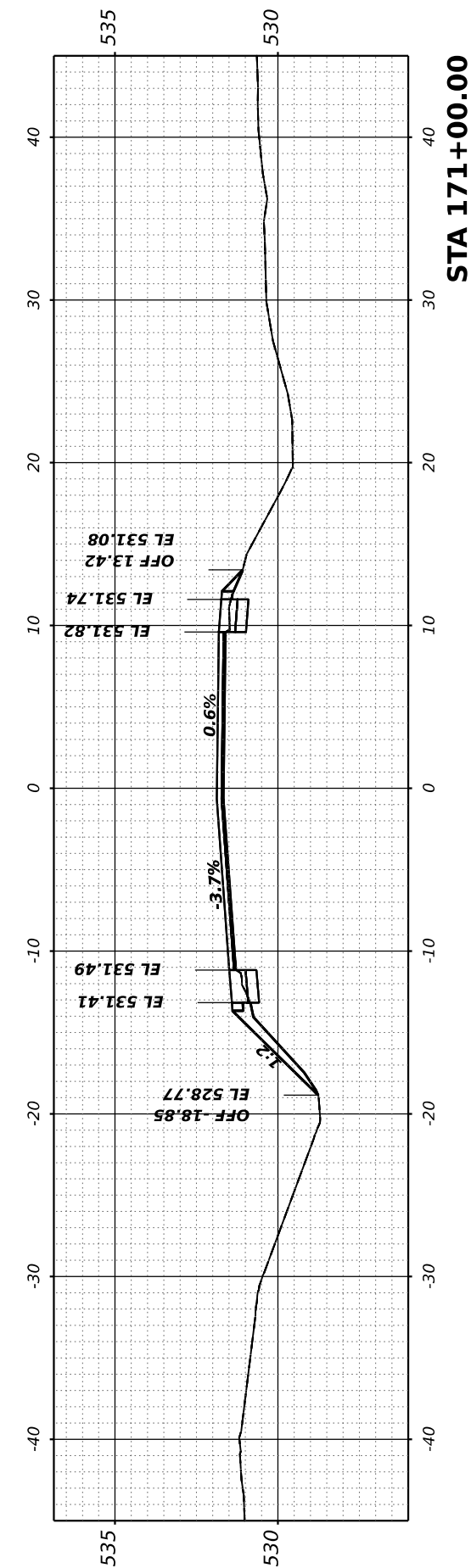
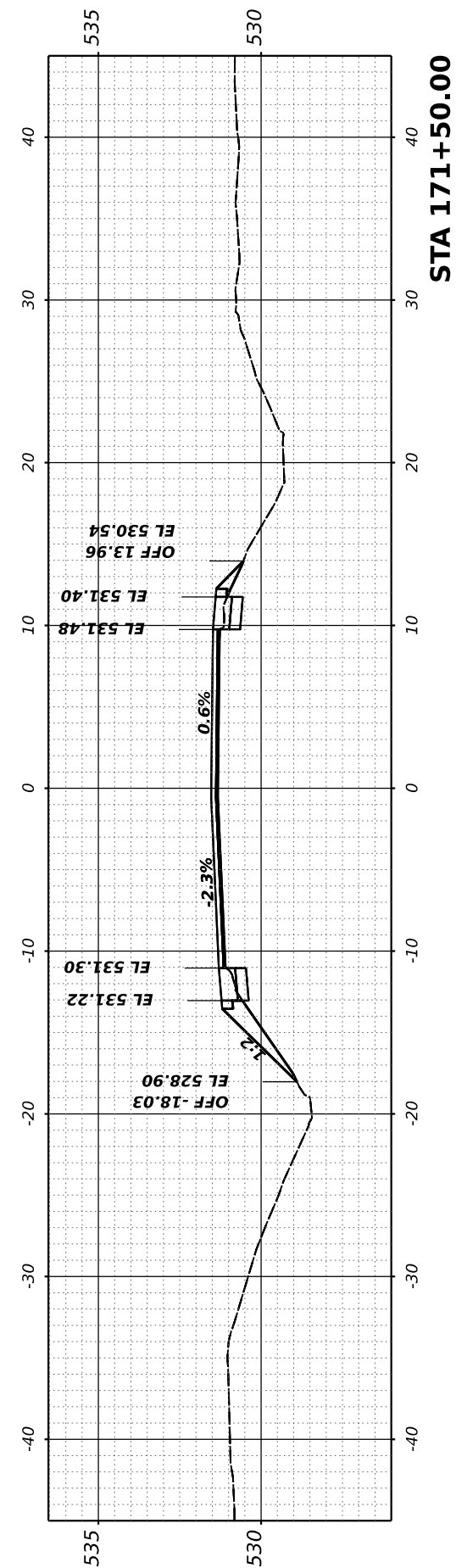
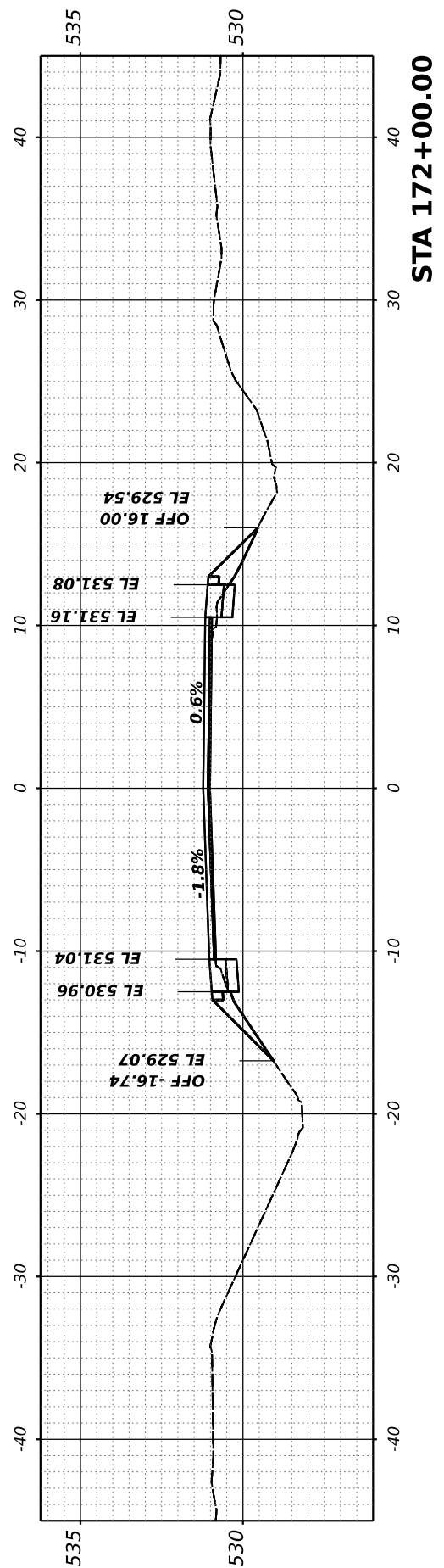
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DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

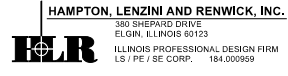
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	70
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

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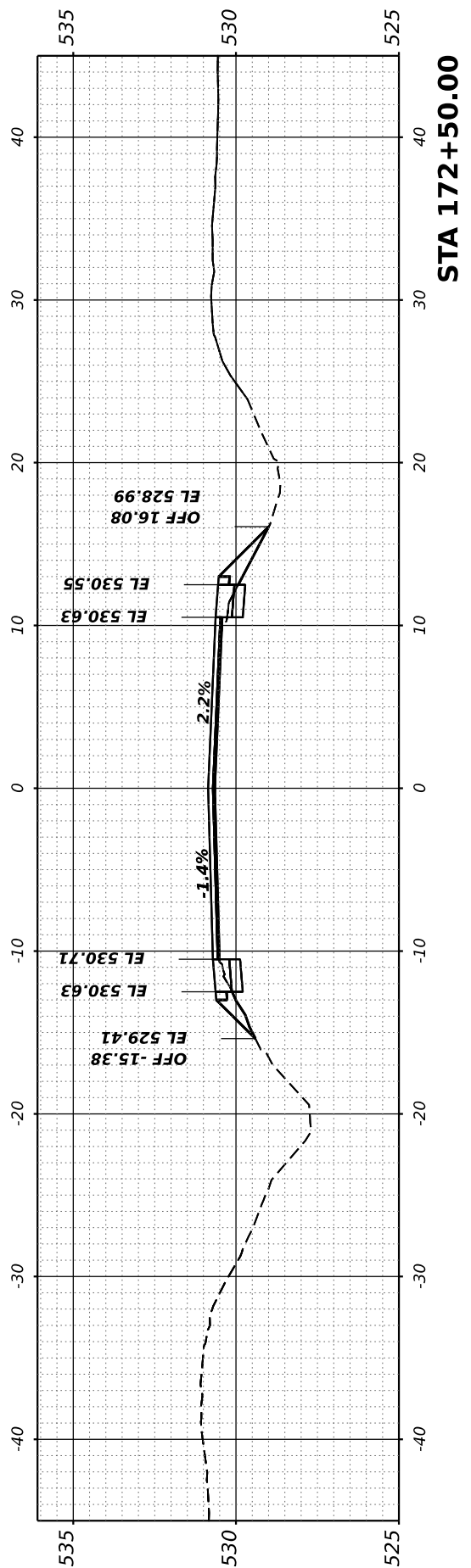
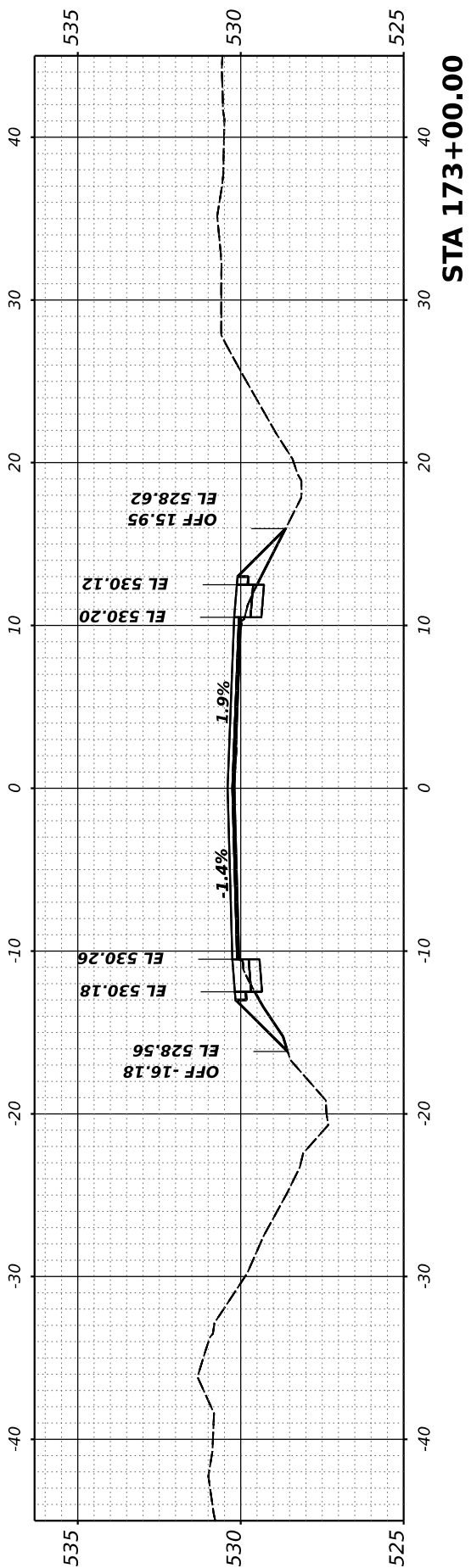
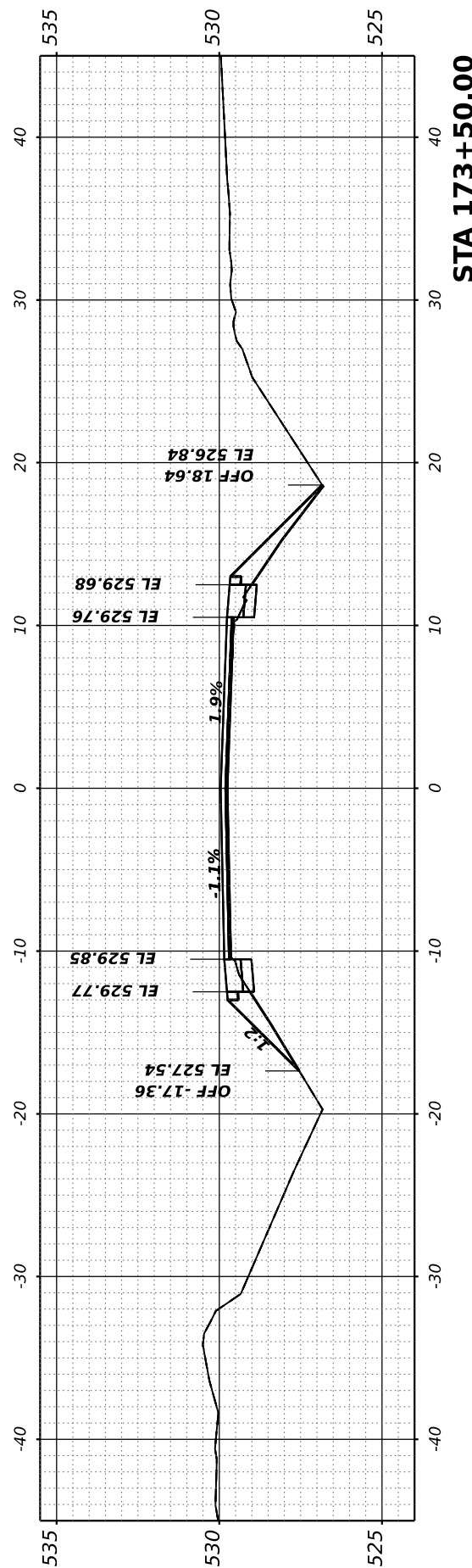
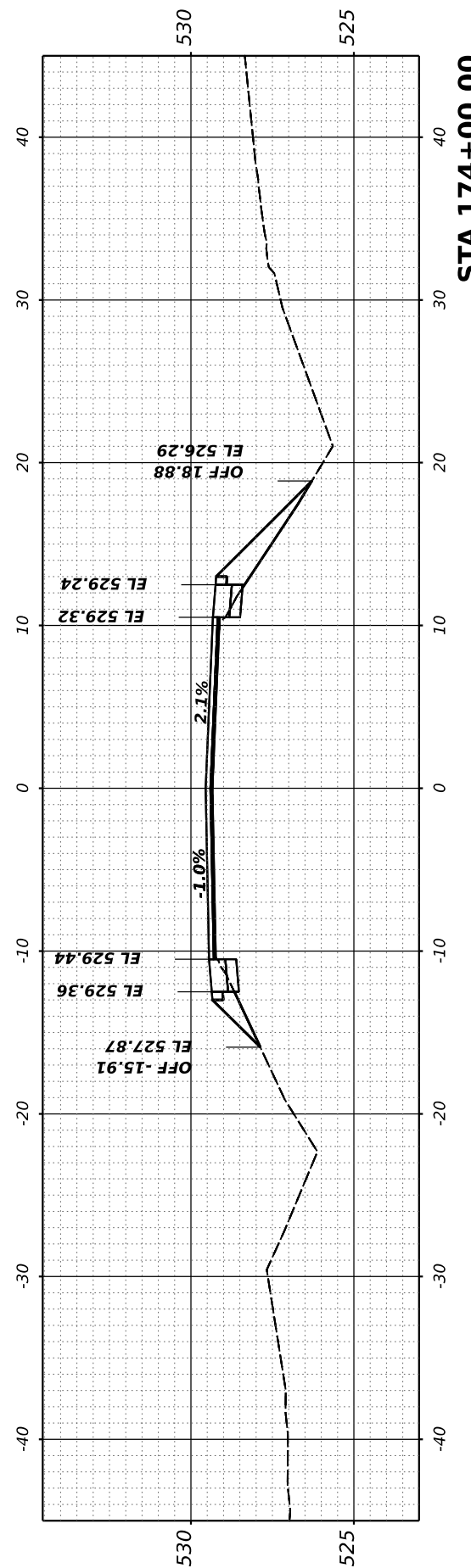
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PLOT SCALE	■ 0.16666667' / in.	DRAWN	-	REVISED	-
PLOT DATE	■ 7/7/2023	CHECKED	-	REVISED	-
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

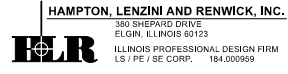
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	71
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Corridor-1 - 174+39.49 [Sheet]
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PLOT DATE	= 7/7/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

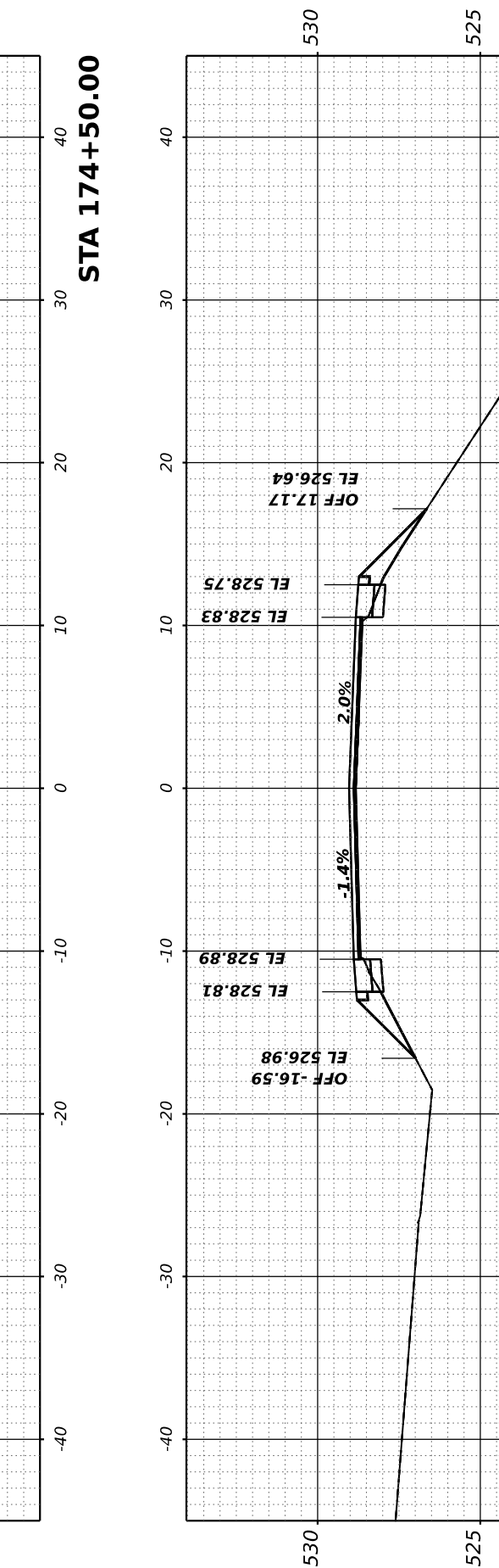
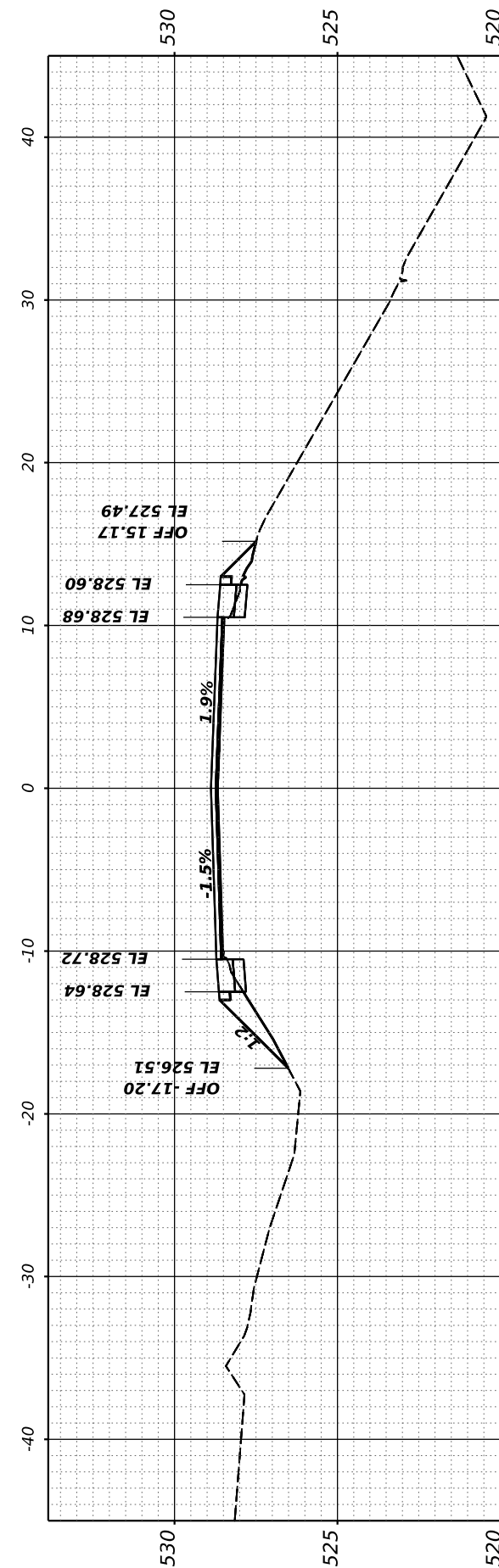
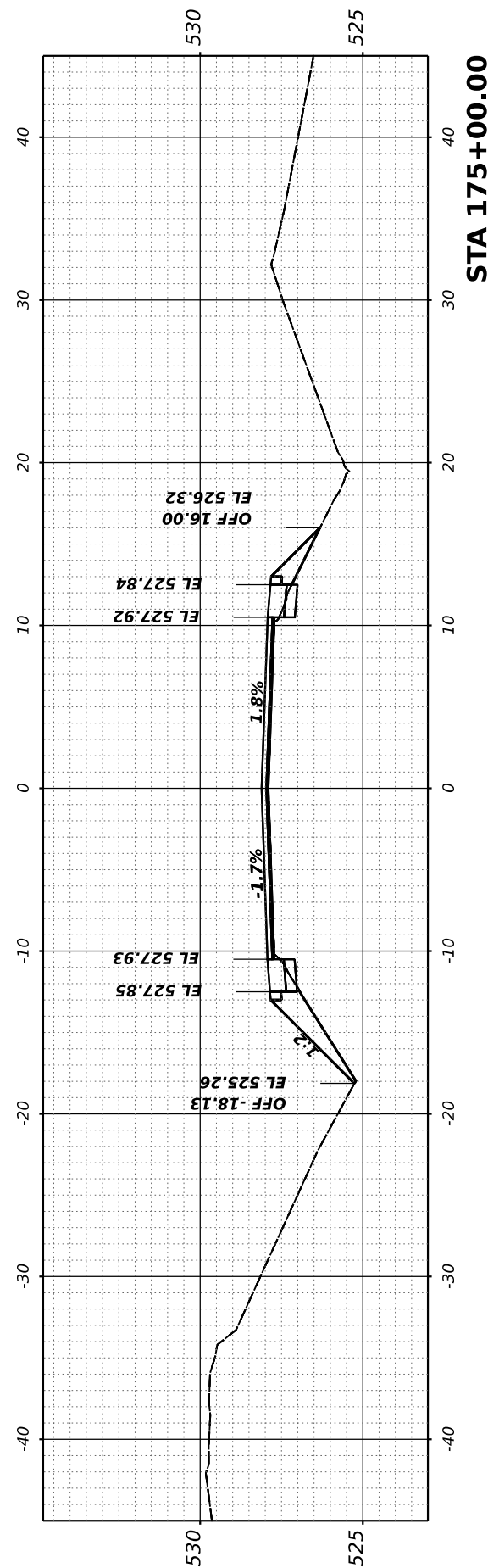
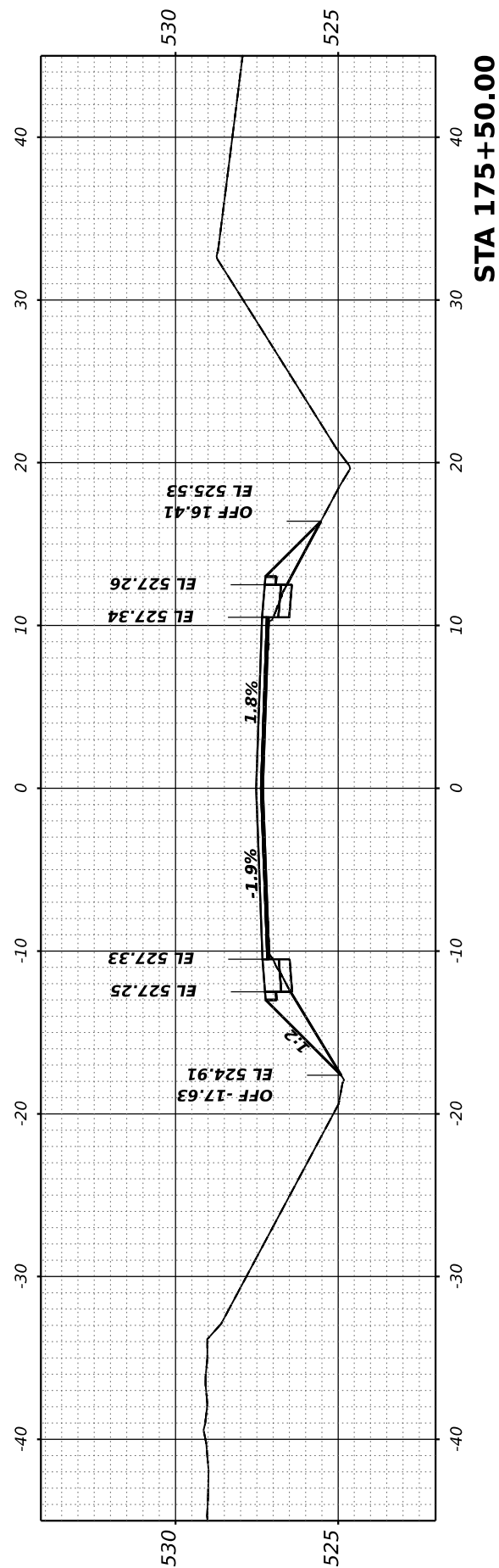
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

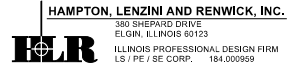
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	72
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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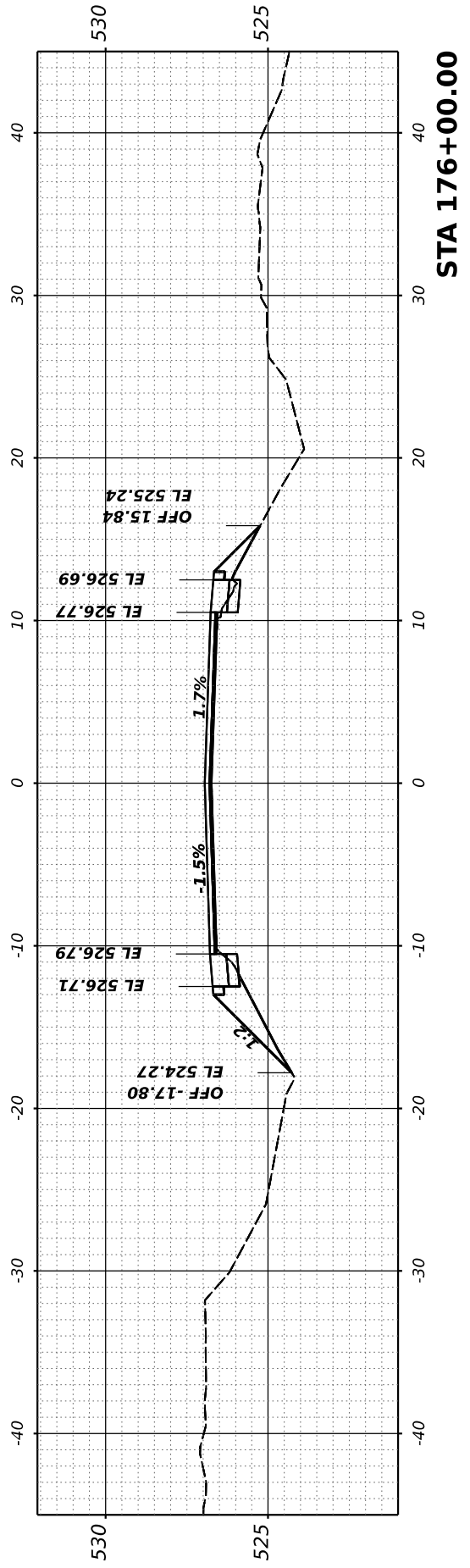
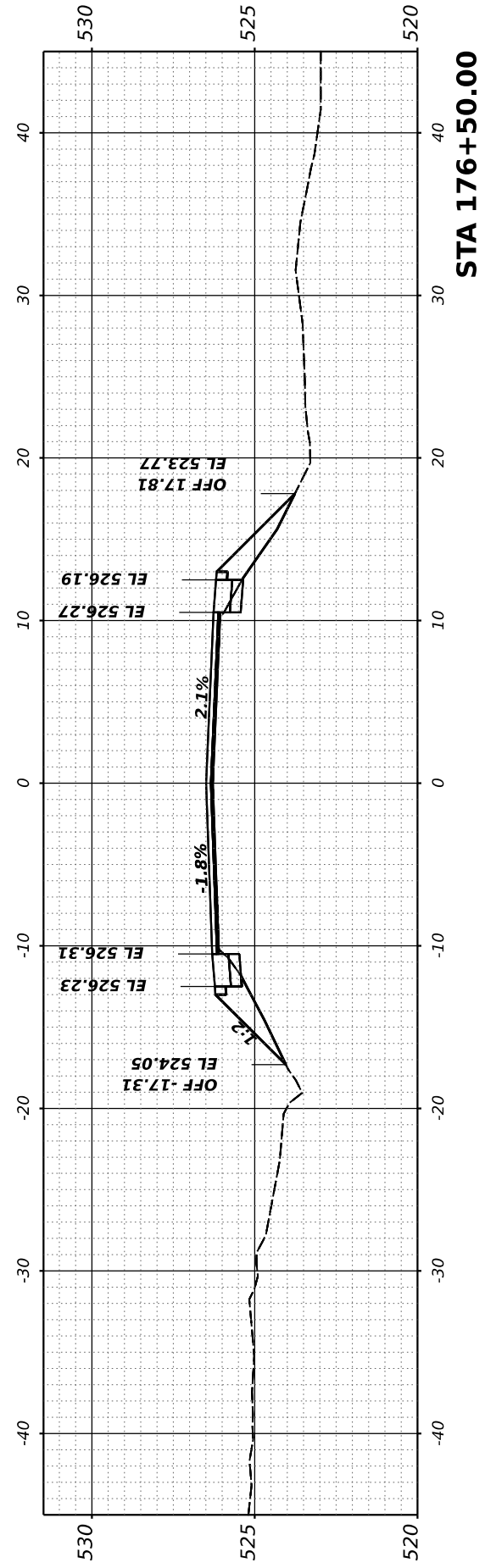
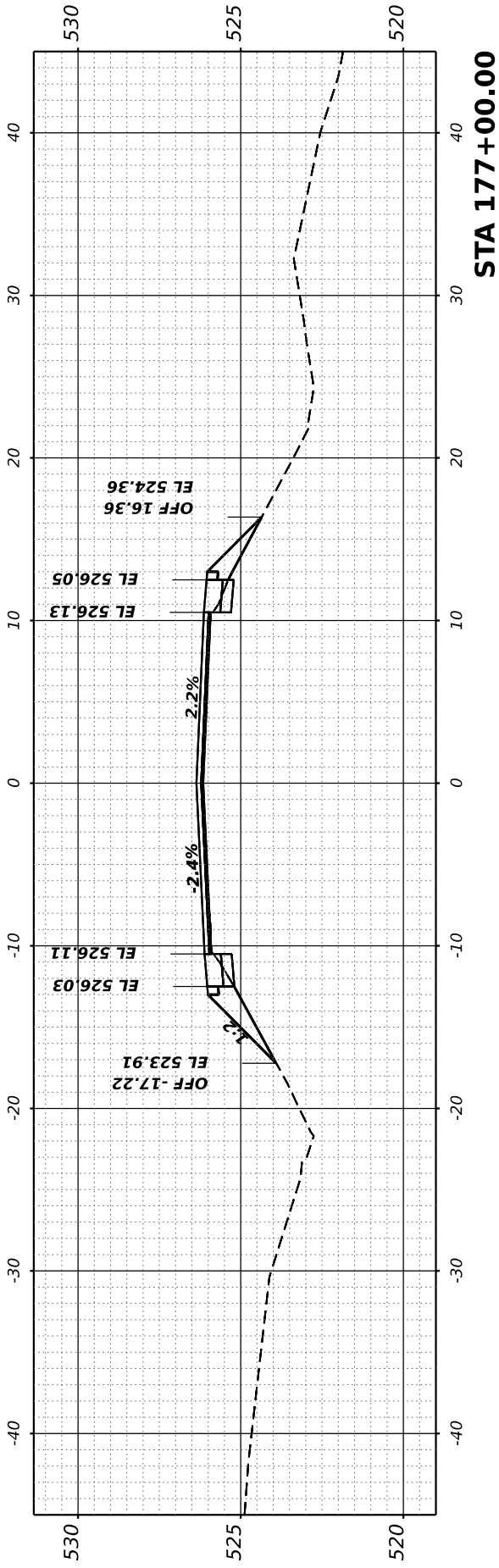
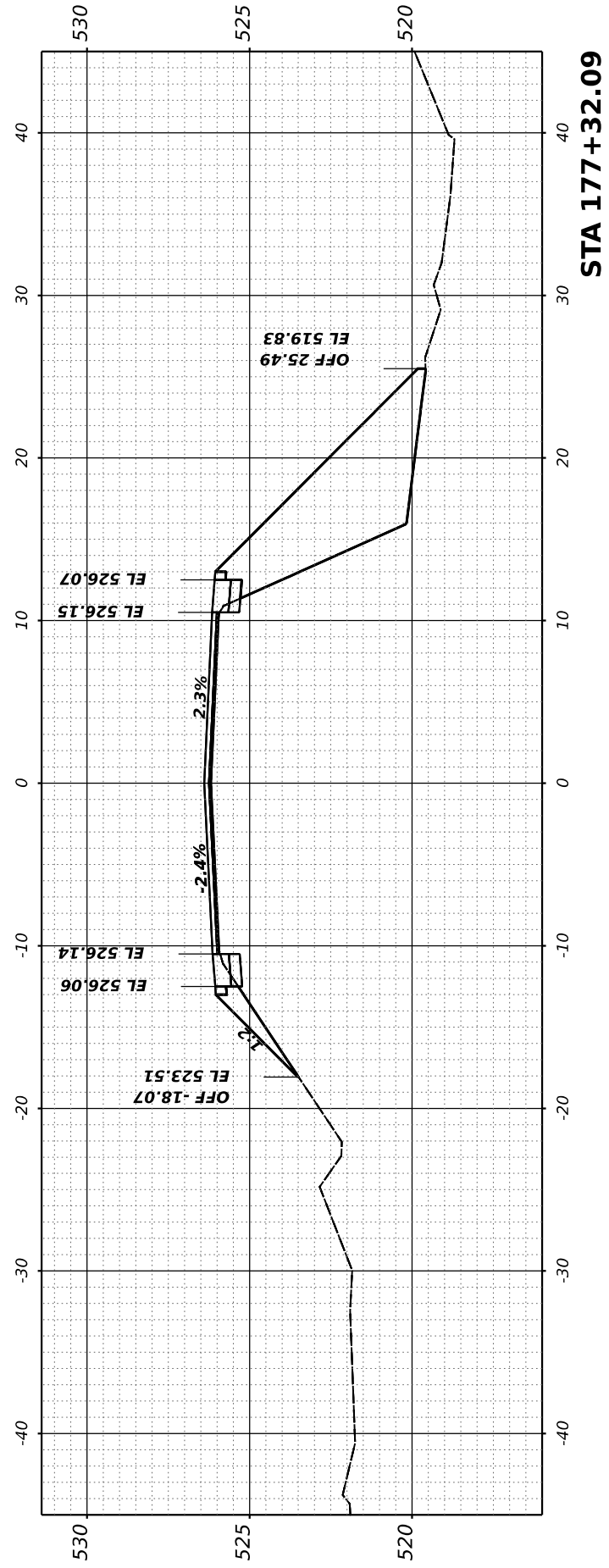
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PLOT SCALE	= 0.16666667 / in.	DRAWN -	REVISED -
PLOT DATE	= 7/7/2023	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

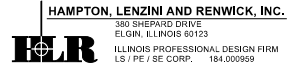
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	73
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Corridor-1 - 177+50.00 (Sheet)
 FILE NAME: P:\2021\10720\CARD02 Des\pm\CADD_Sheets\10720-Rich-ss-Corridor-1.dgn



USER NAME	ariegler
PLOT SCALE	0.16666667 / in.
PLOT DATE	7/7/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

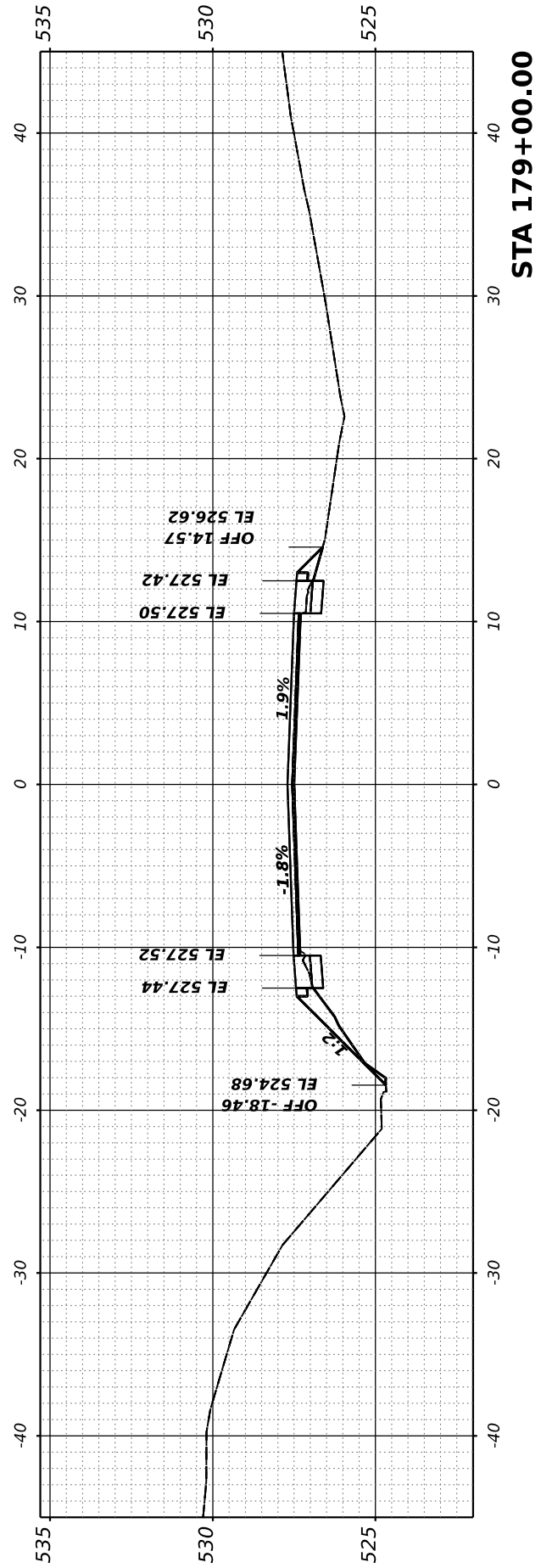
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REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

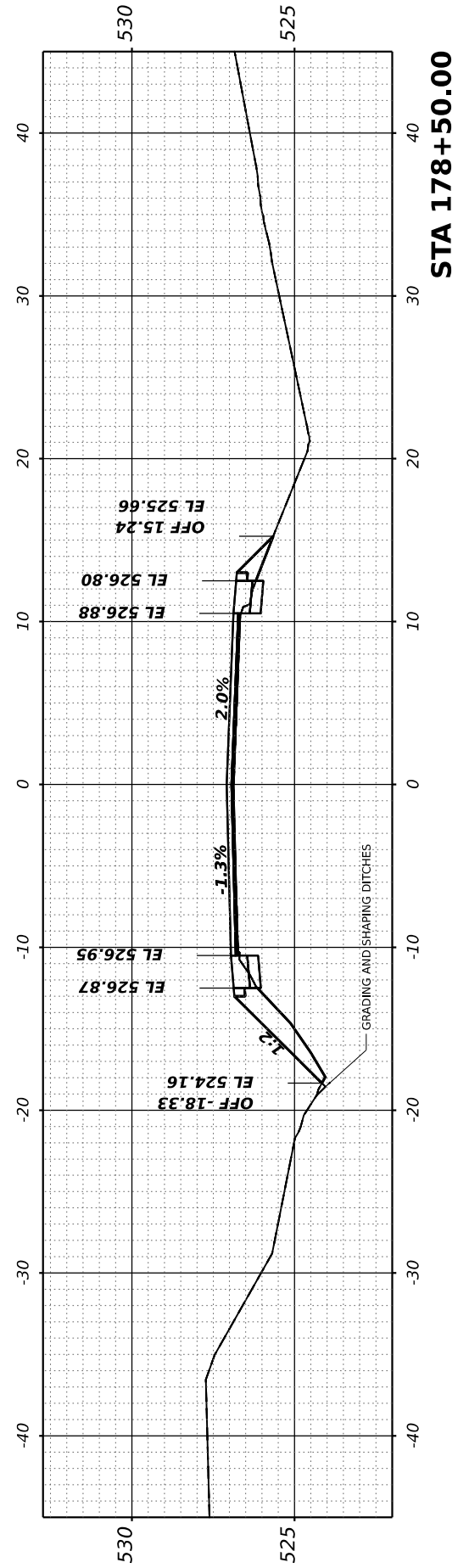
RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

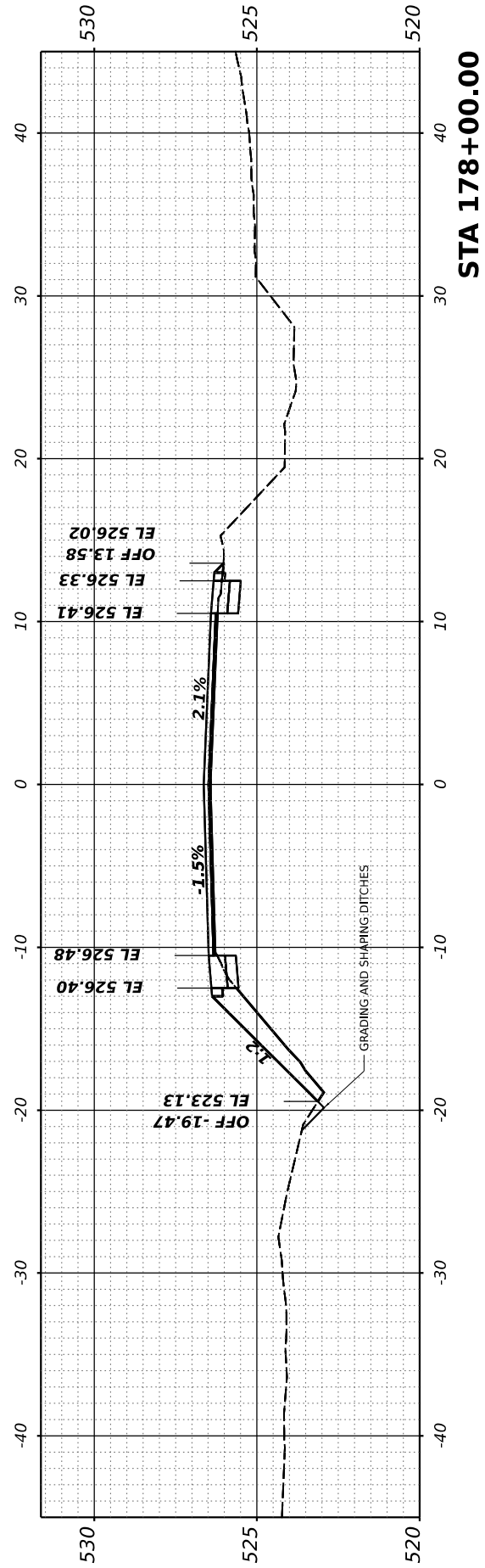
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	74
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



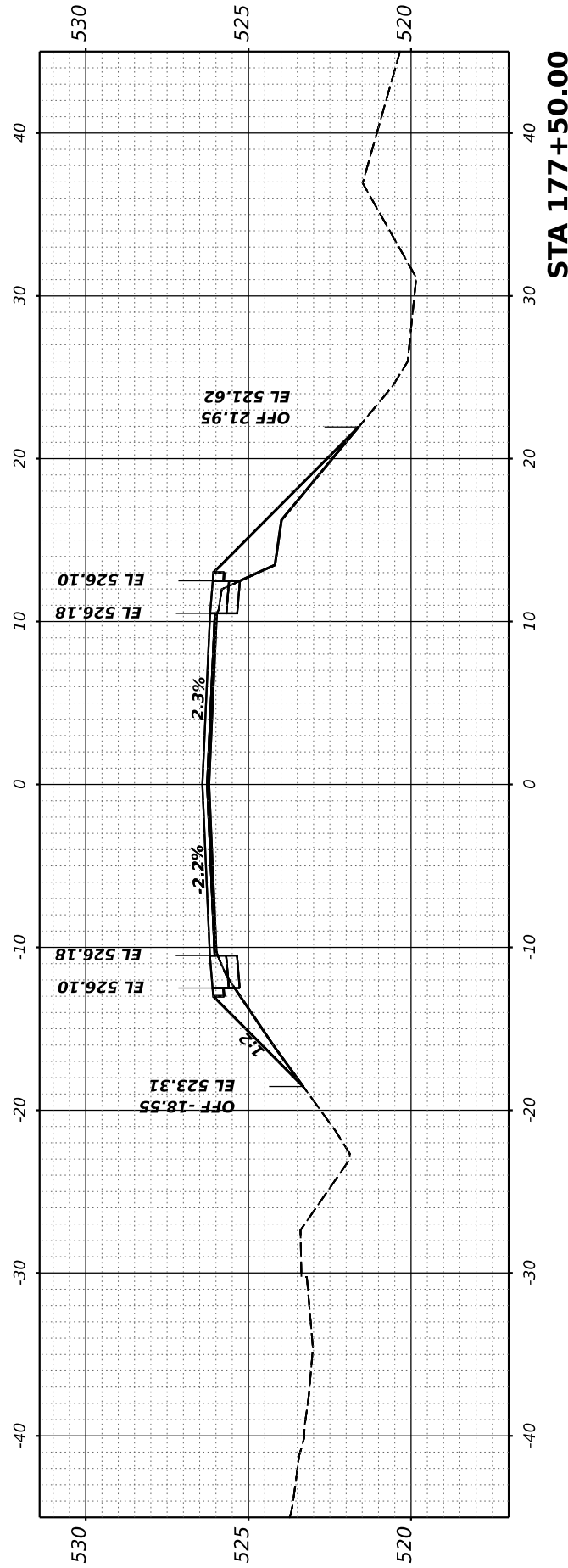
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STA 178+50.00



STA 178+00.00

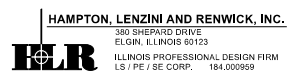


STA 177+50.00

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

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

MODEL: Corridor-1 - 179+50.00 (Sheet)
 FILE NAME: P:\2021\170\Card02 Des\pm\CADD_Sheets\170\20-21-23-Corridor-1.dgn



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PLOT SCALE	= 0.16666667 ' / in.
PLOT DATE	= 7/7/2023

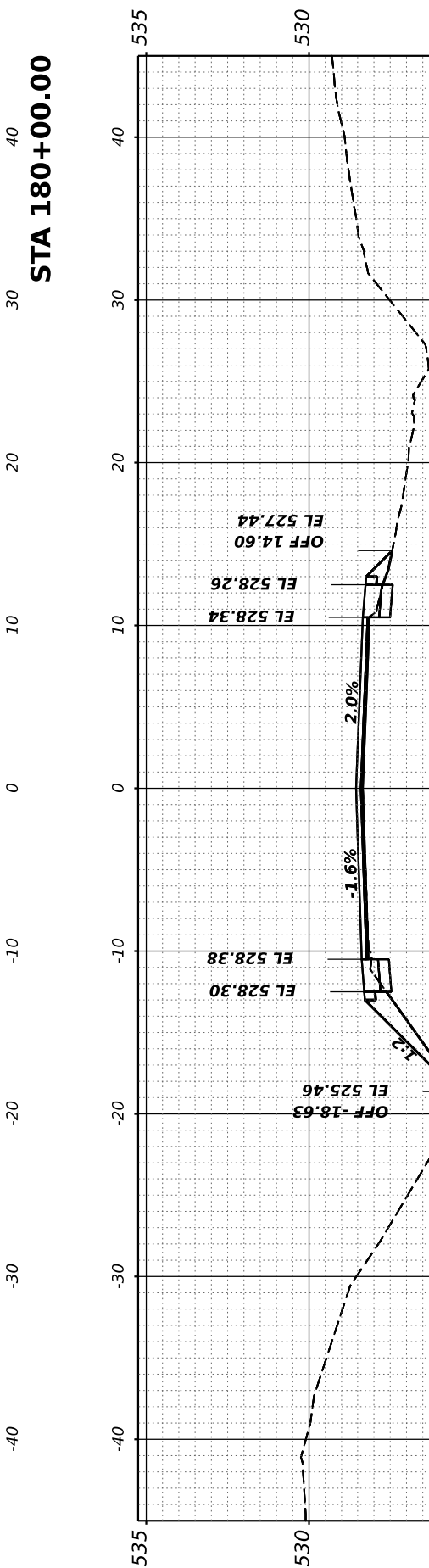
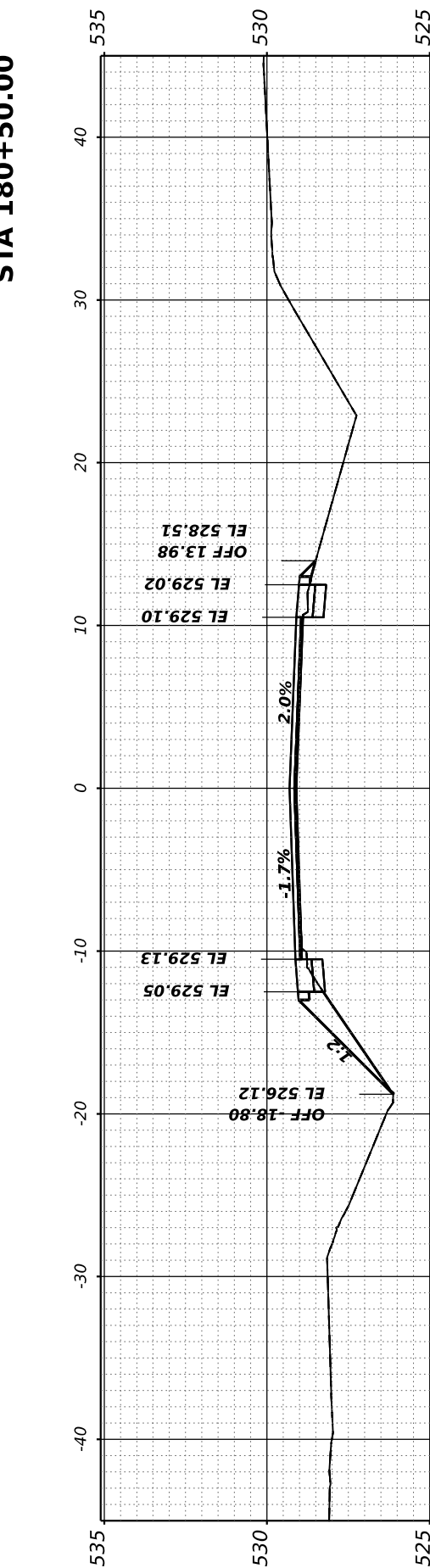
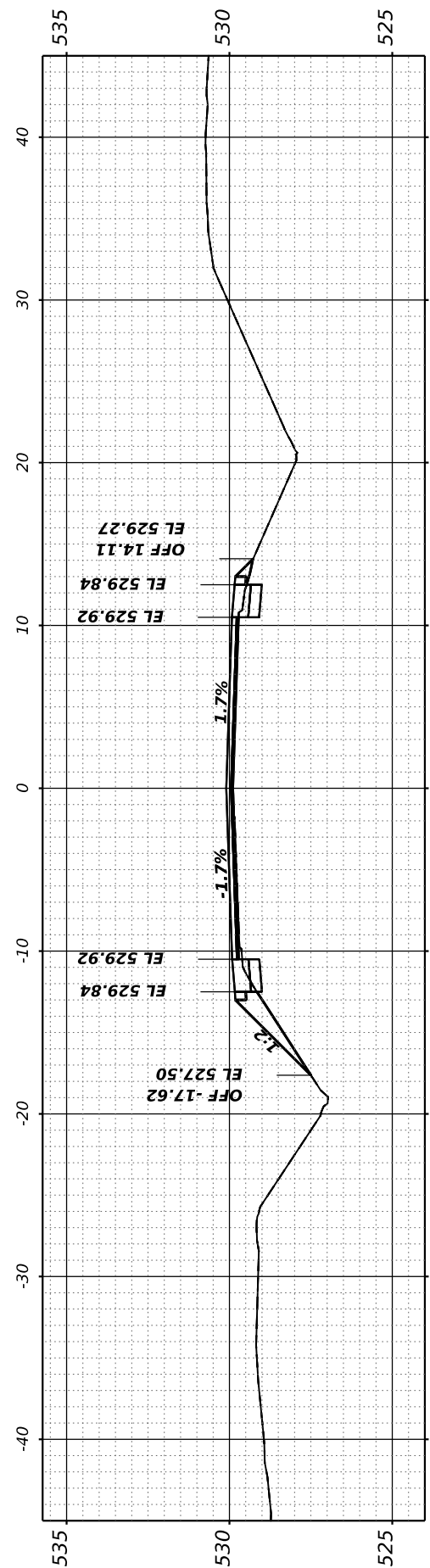
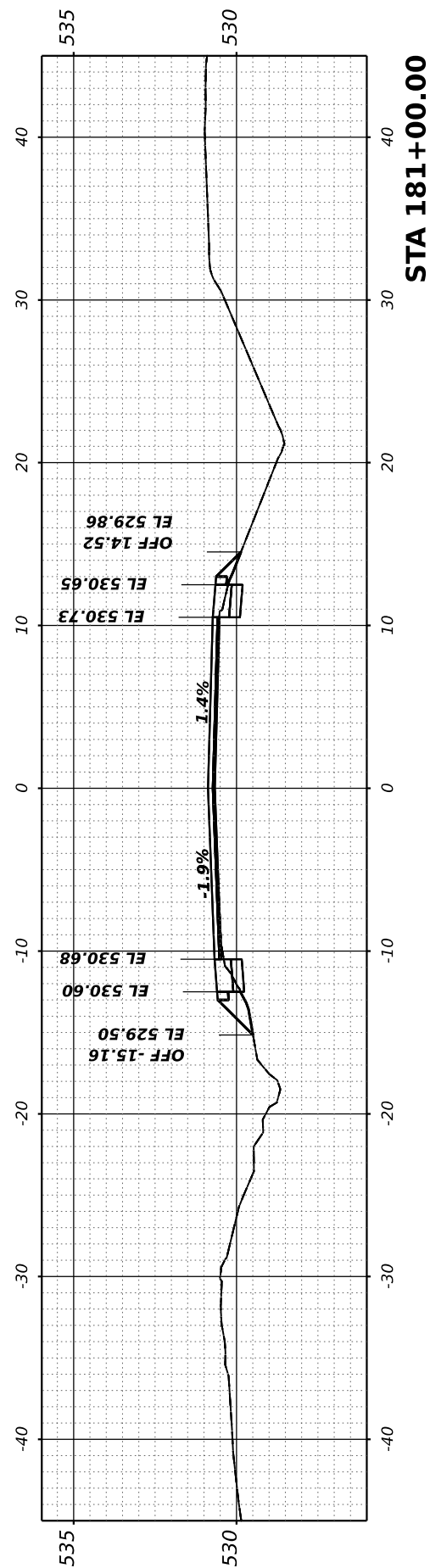
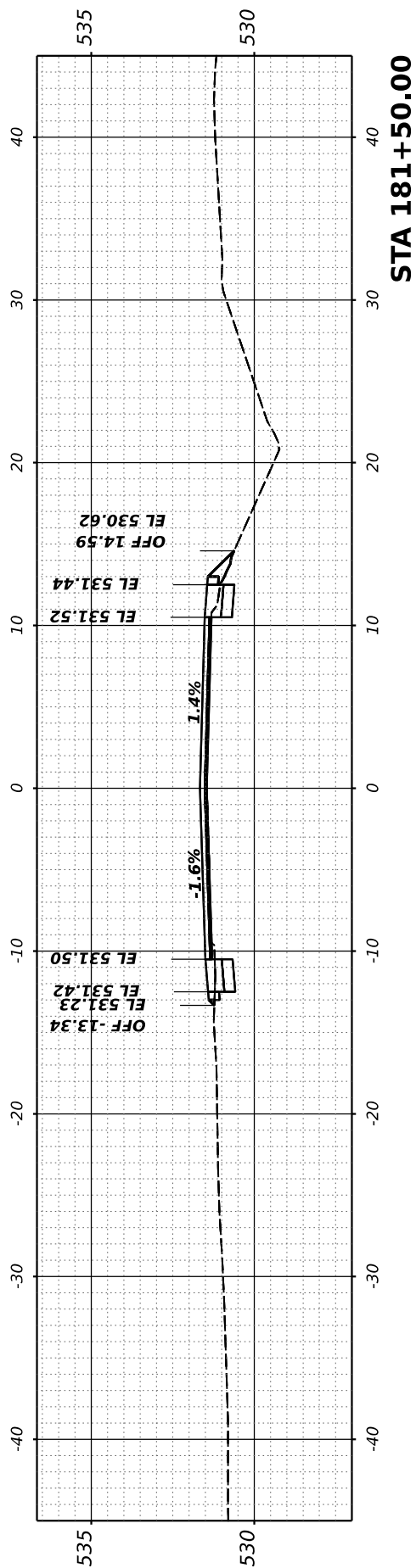
DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

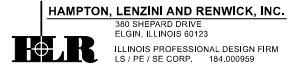
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	75
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Corridor-1 - 182+00.00 (Sheet)
 FILE NAME: P:\2021\10720\CARD02 Des\pm\CADD_Sheets\10720-Rich-ss-Corridor-1.dgn



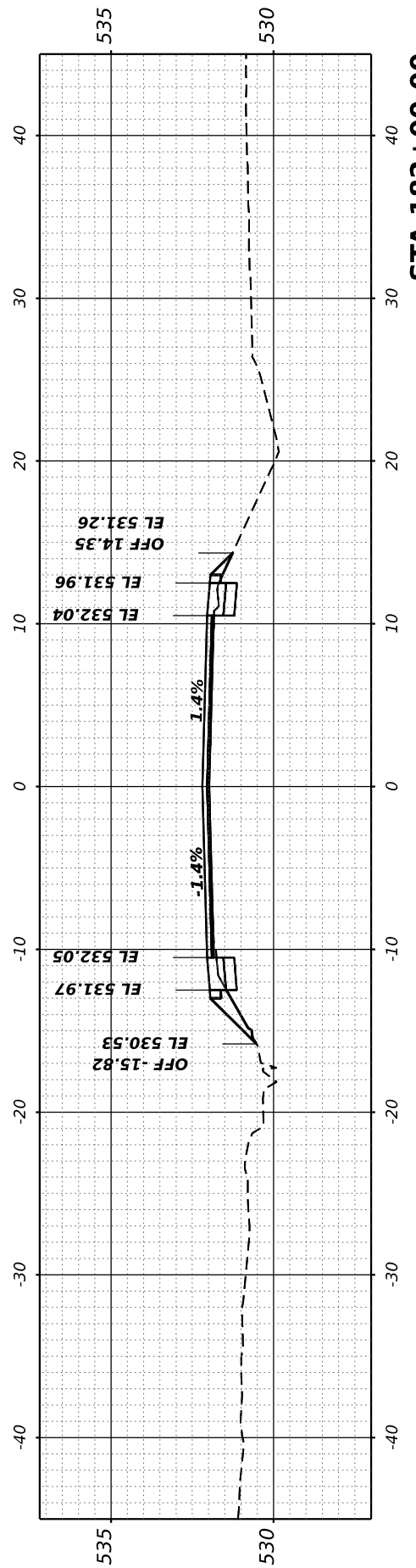
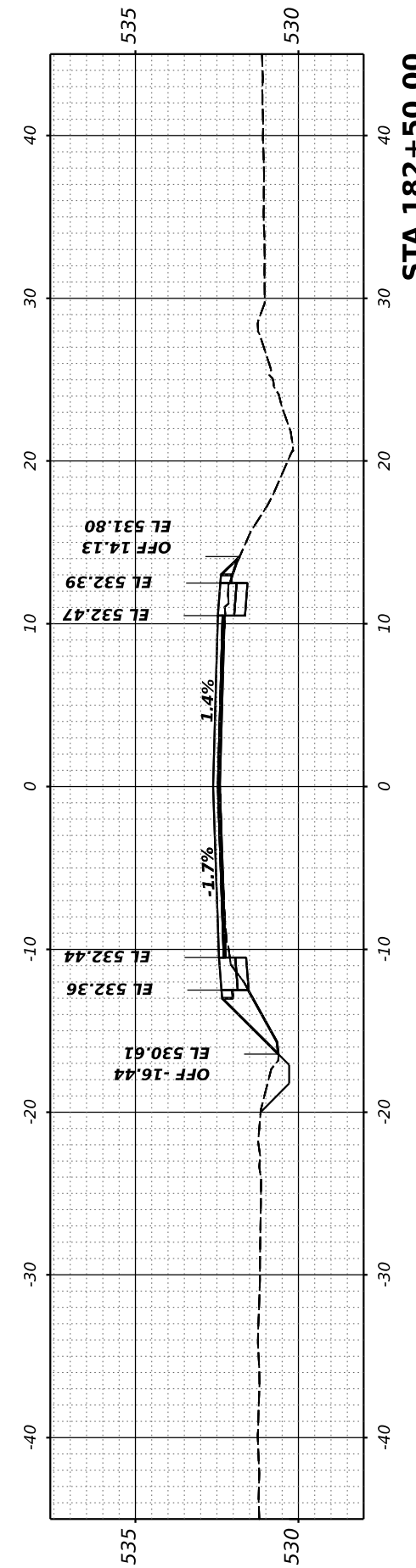
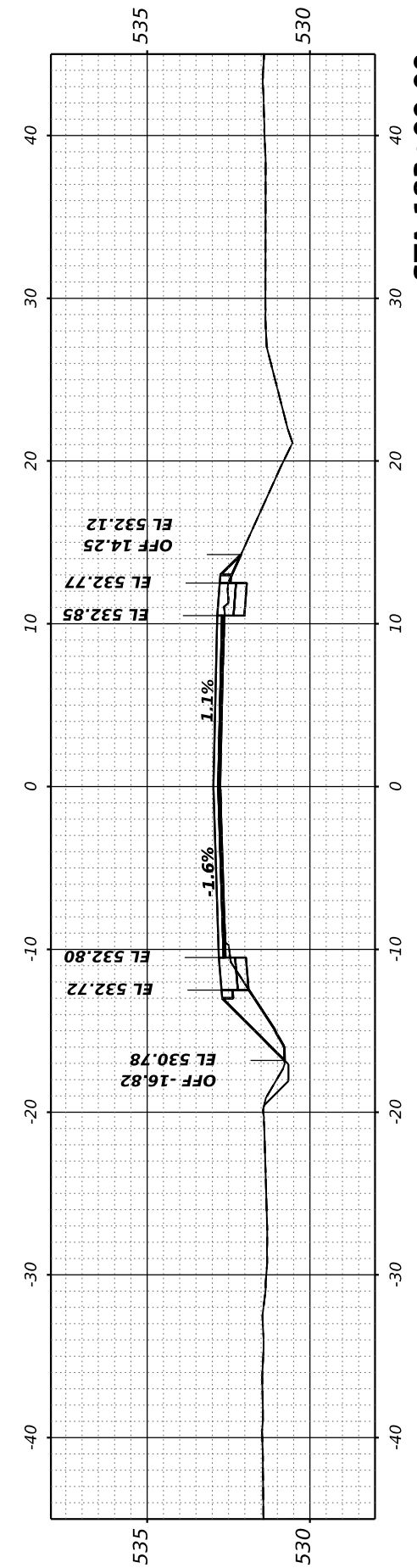
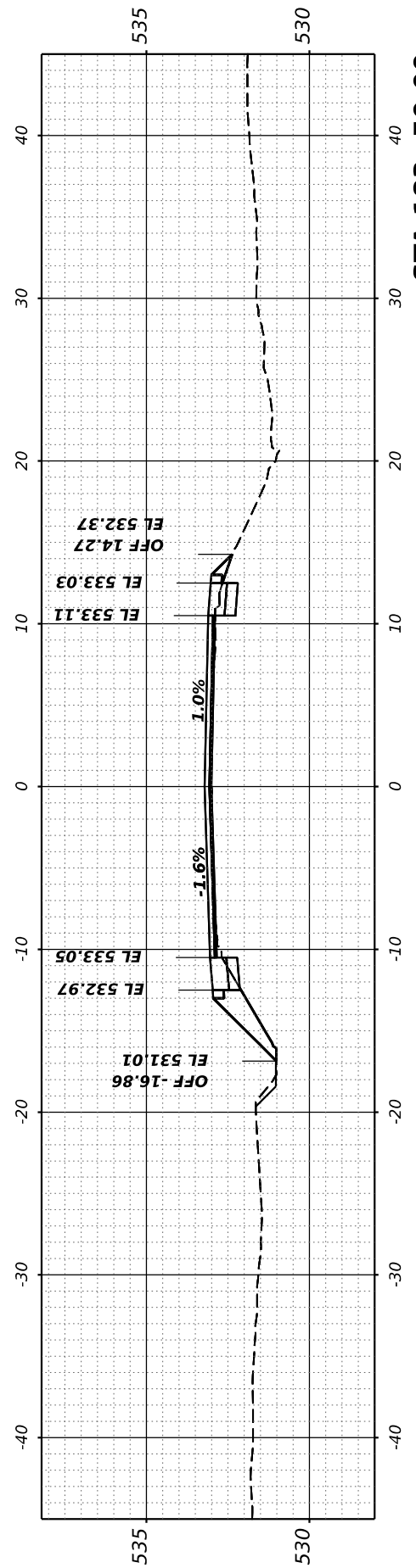
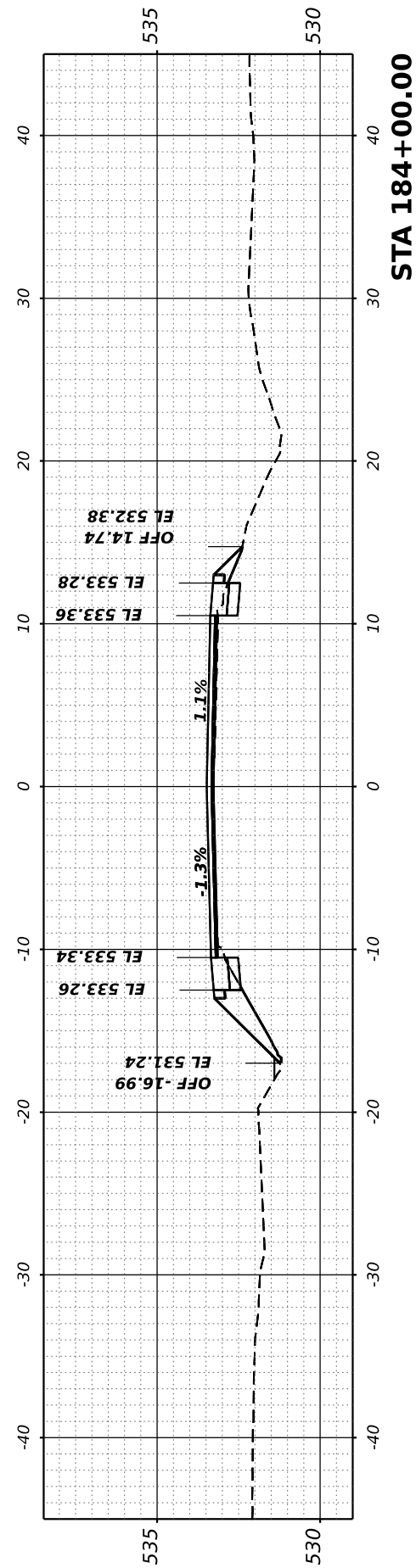
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PLOT SCALE = 0.16666667 / in.	DRAWN -	REVISED -
PLOT DATE = 7/7/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

F.A.S. RTE. 826	SECTION 21-00226-00-RS	COUNTY JEFFERSON	TOTAL SHEETS 239	SHEET NO. 76
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Corridor-1 - 184+50.00 (Sheet)

FILE NAME: P:\2021\12\17\20\Card02 Des\pm\CADD_Sheets\184+50-Rich-Road-Corridor-1.dgn

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / FE / SE CORP. 184.000959

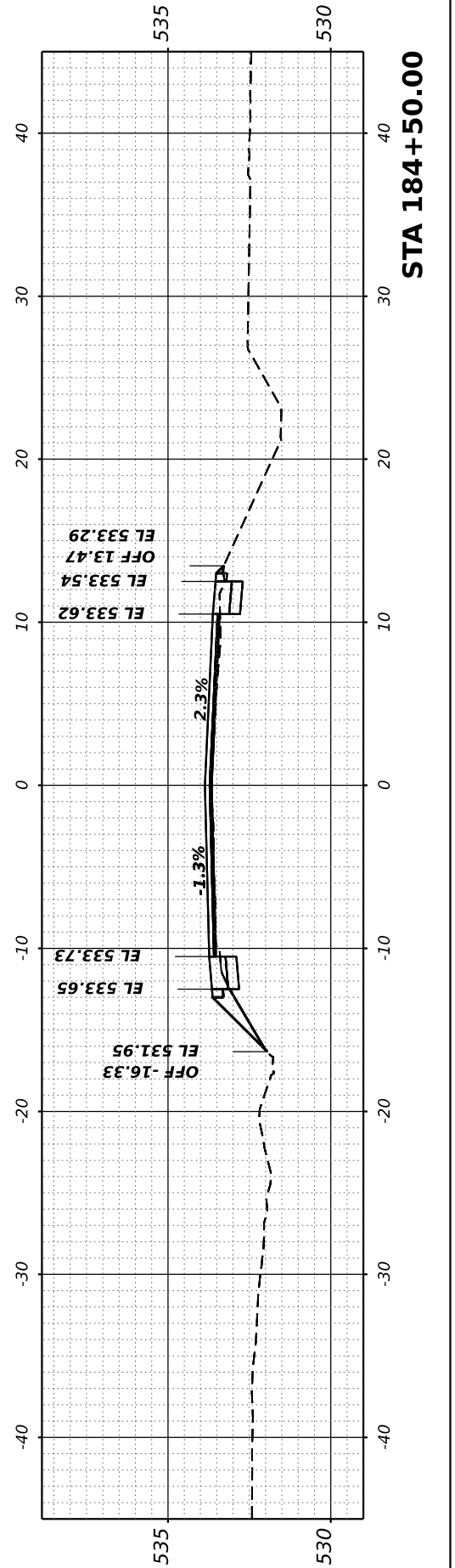
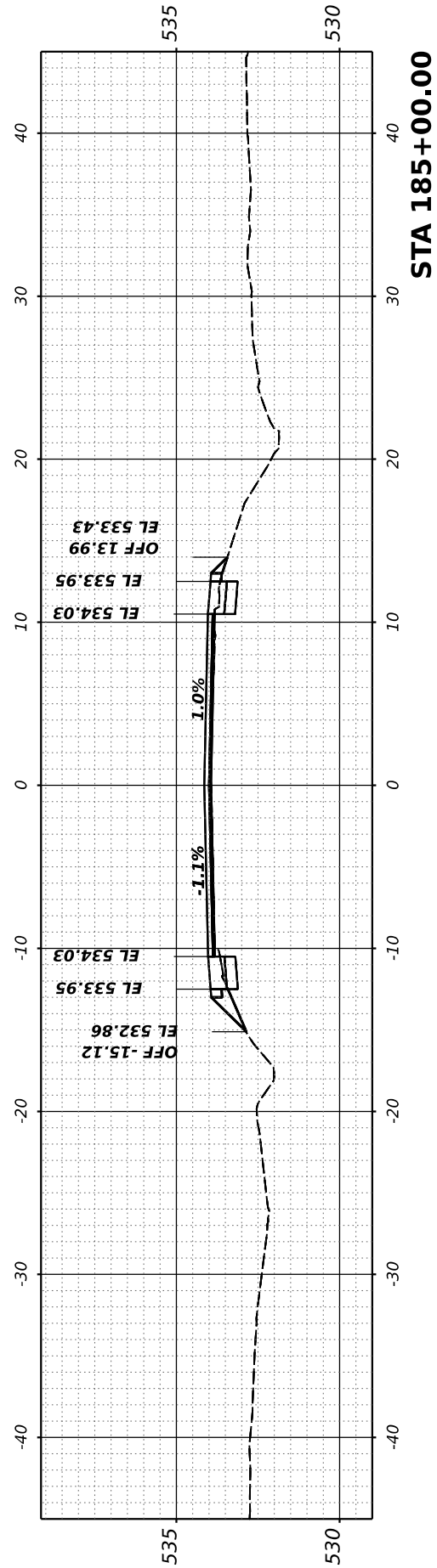
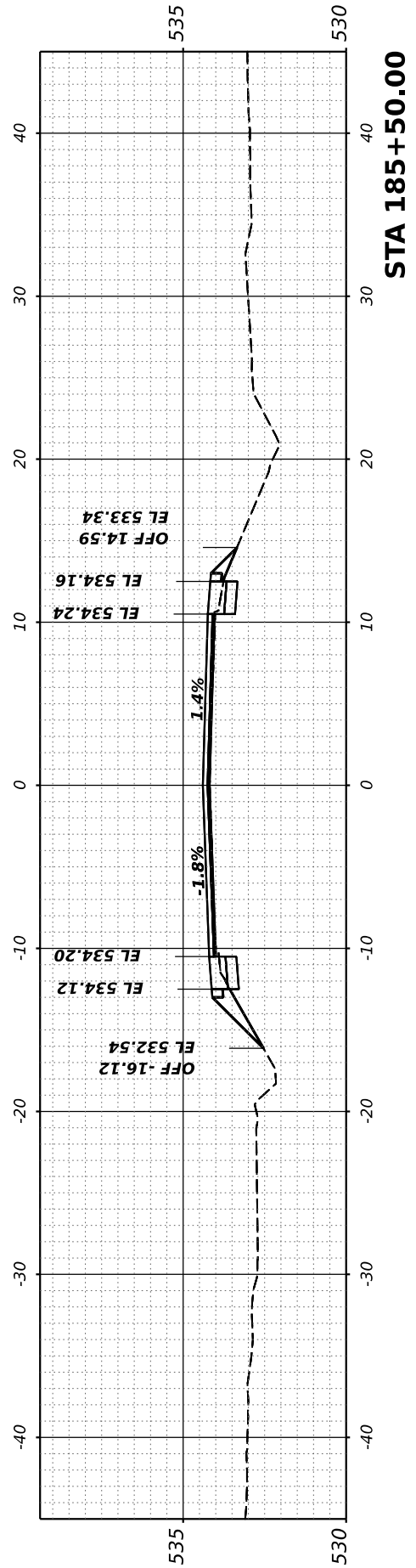
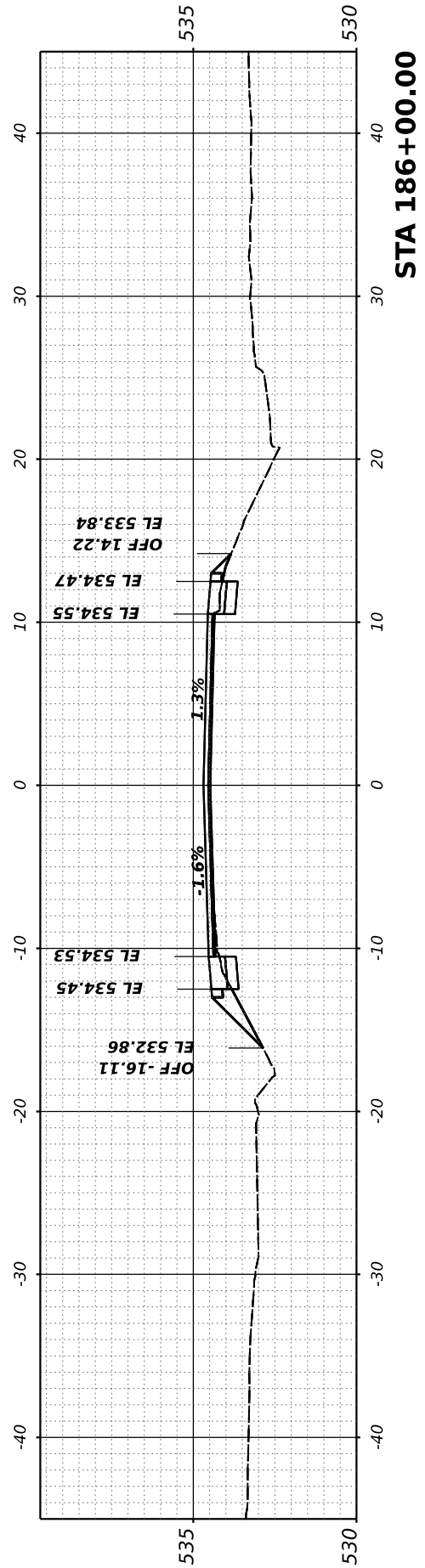
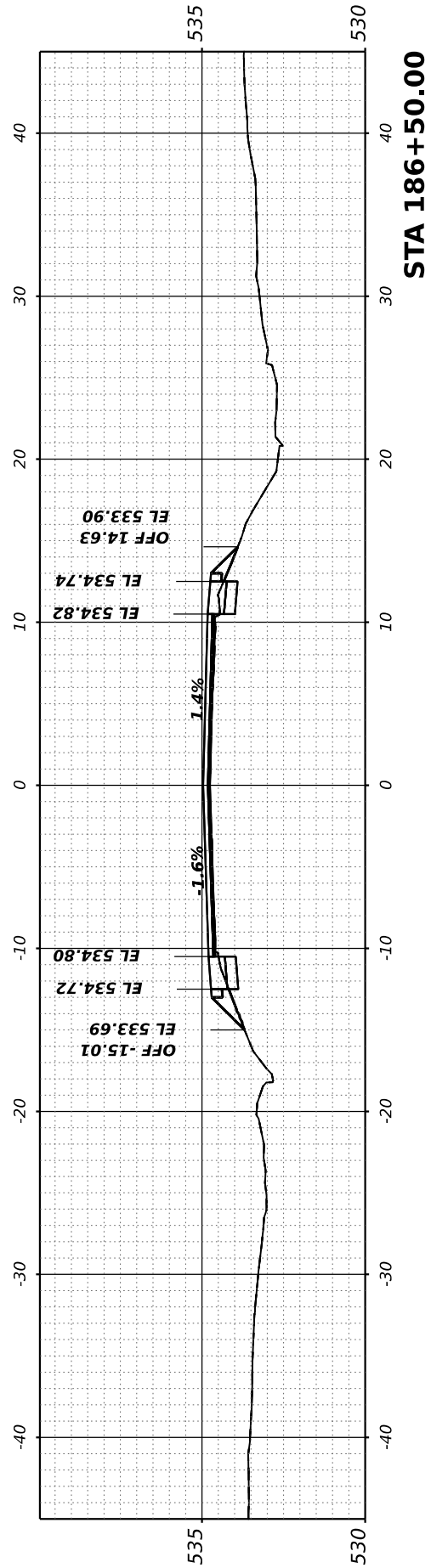
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PLOT SCALE	= 0.16666667 ' / in.	DRAWN	-
PLOT DATE	= 7/7/2023	CHECKED	-
		DATE	-
		REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

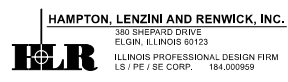
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	77
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Corridor-1 - 187+00.00 (Sheet)
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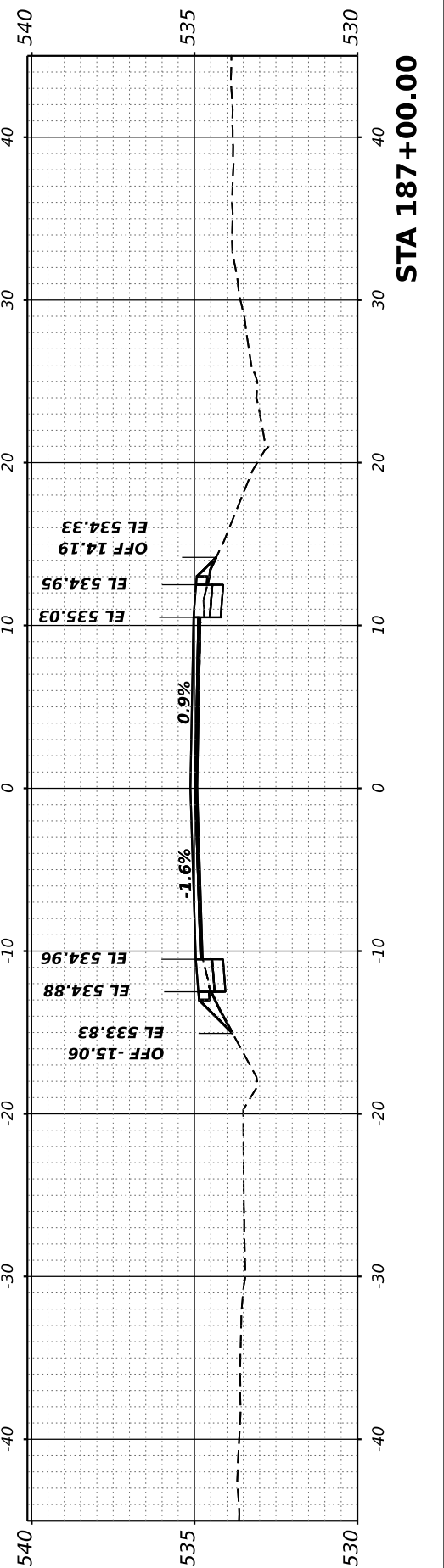
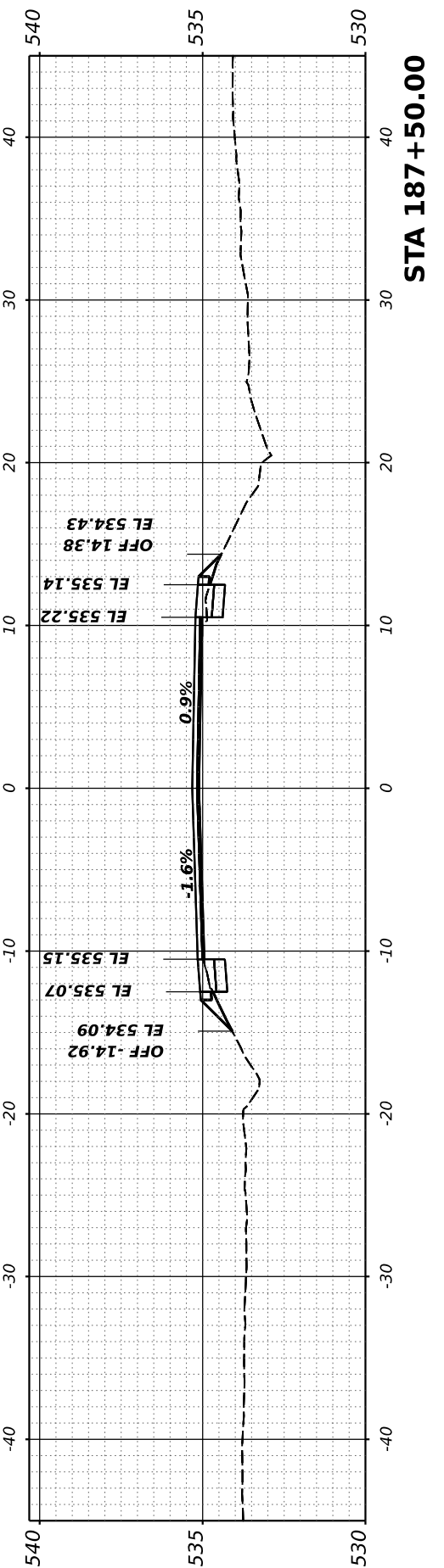
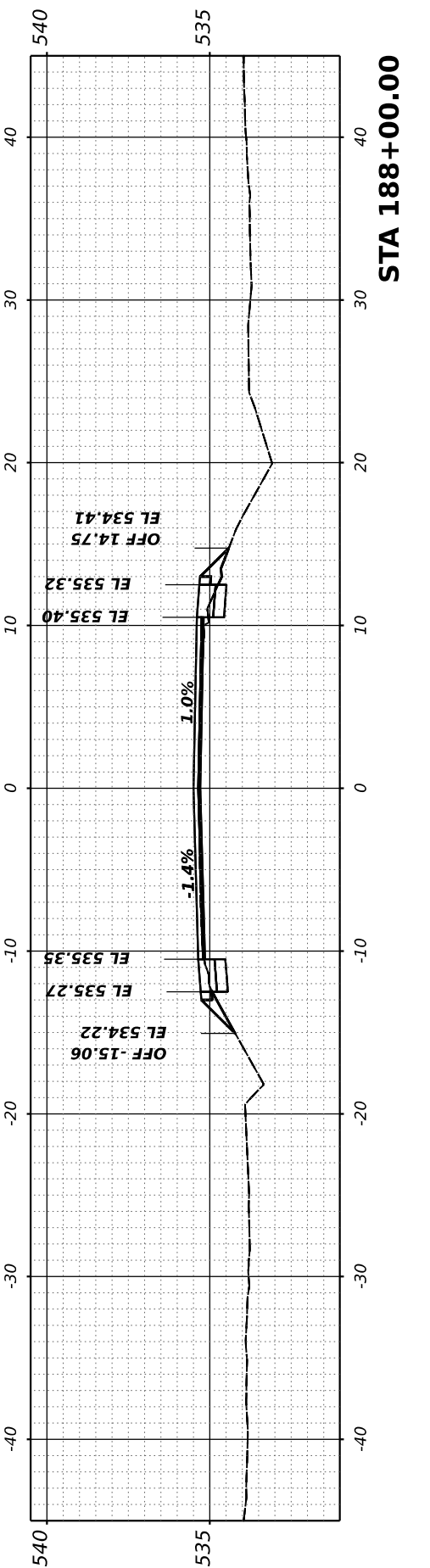
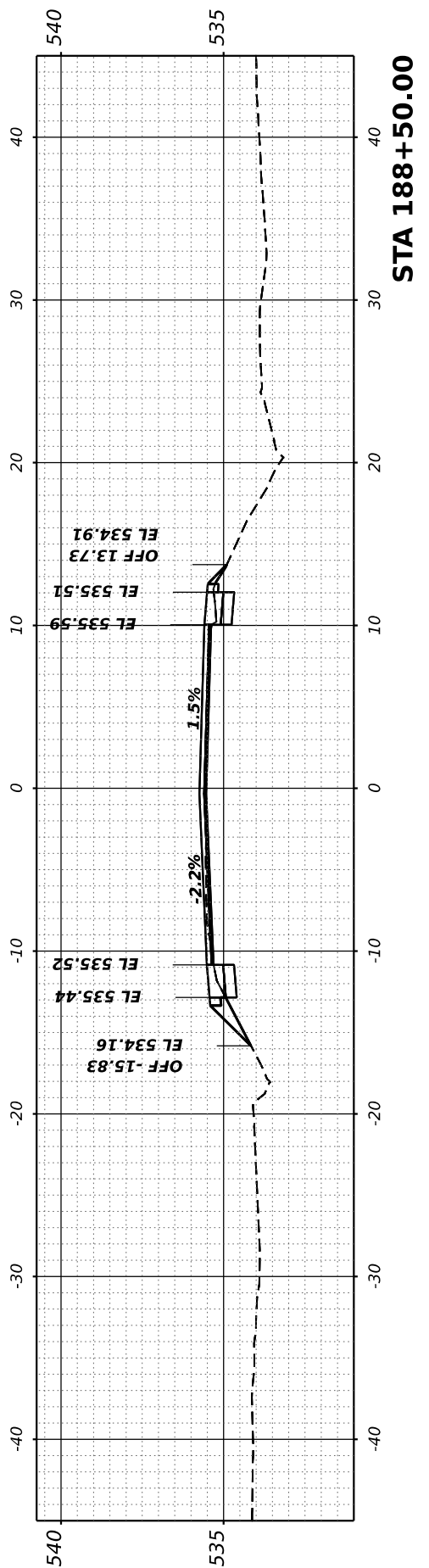
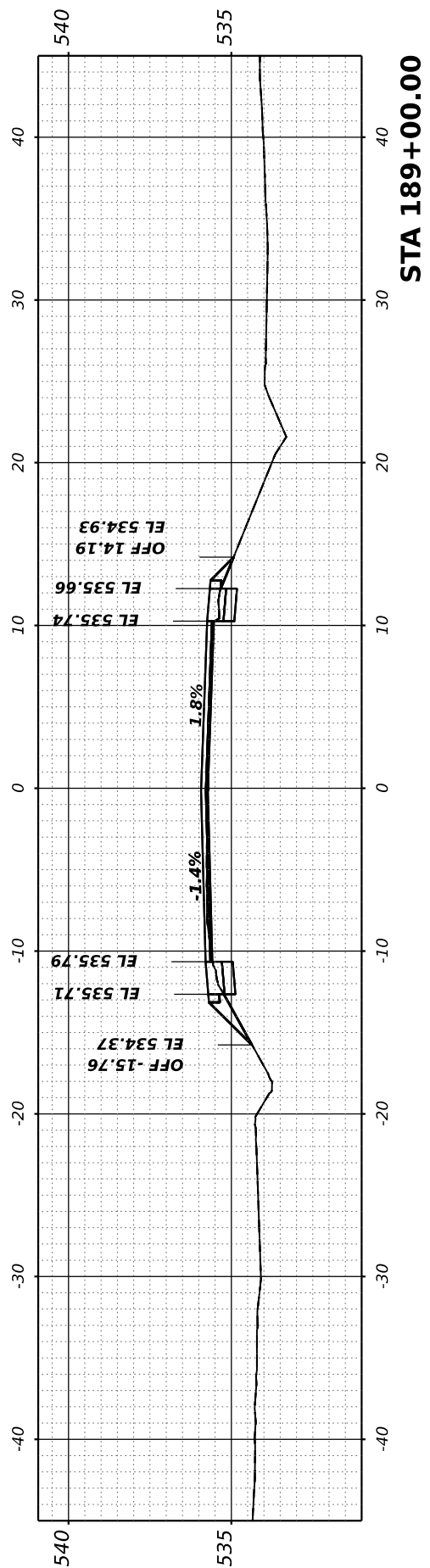


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PLOT SCALE	= 0.16666667 ' / in.	CHECKED	-
PLOT DATE	= 7/7/2023	DATE	-
		REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD			
SCALE:	SHEET	OF	SHEETS
			STA.

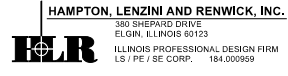
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	78
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Condo-r-1-189+50.00 [Sheet]
 FILE NAME: P:\2021\10720\CARDZ Des\p\CADD_Sheets\10720-Rich-ss-Condor-1.dgn



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PLOT SCALE	= 0.16666667 ' / in.
PLOT DATE	7/7/2023

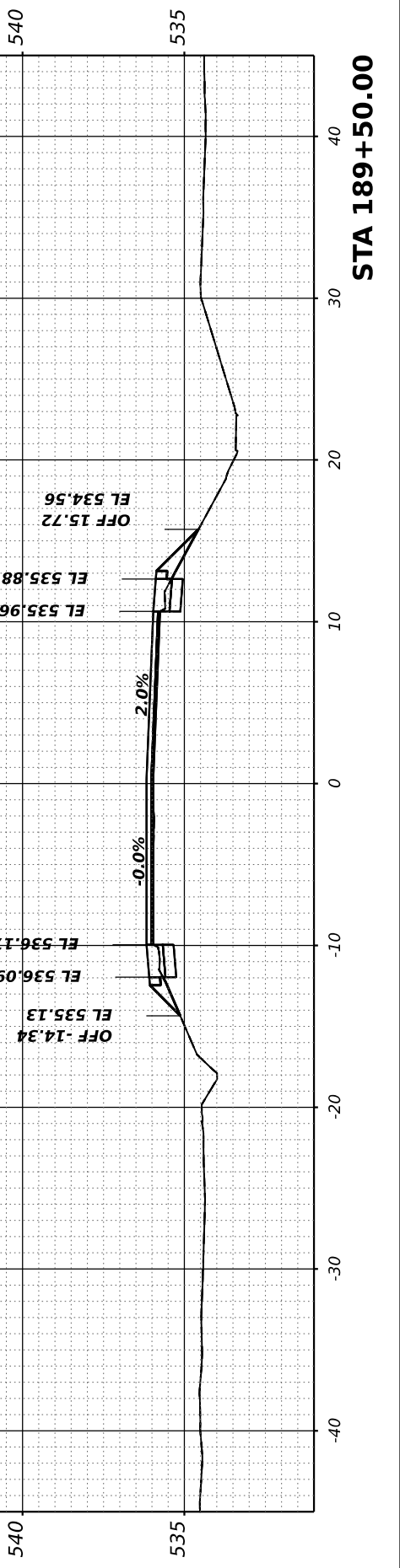
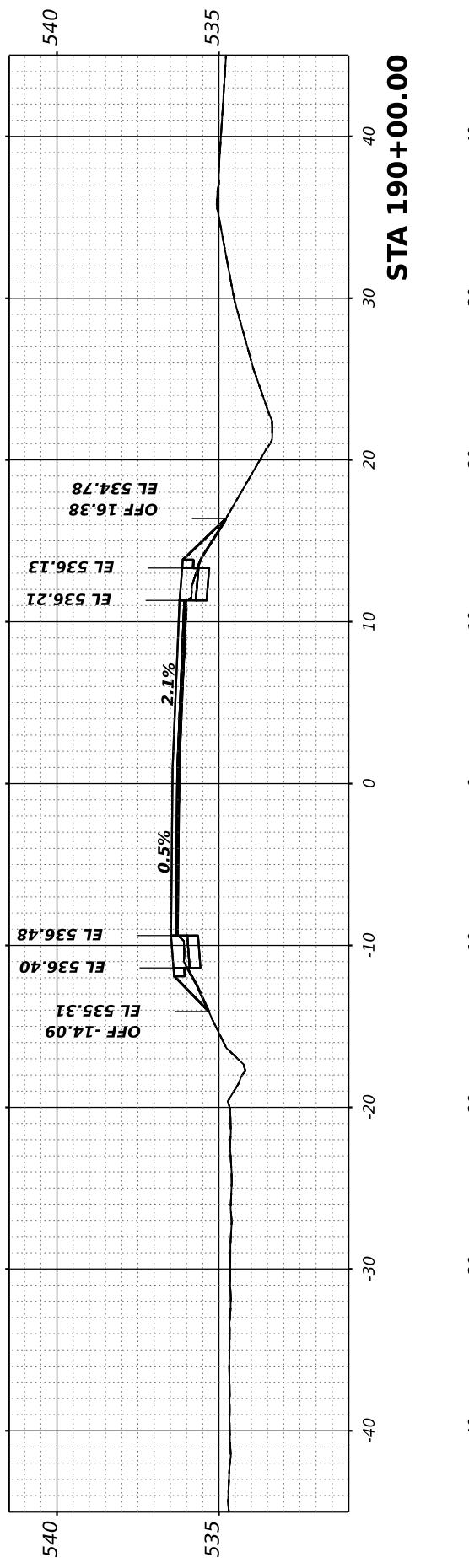
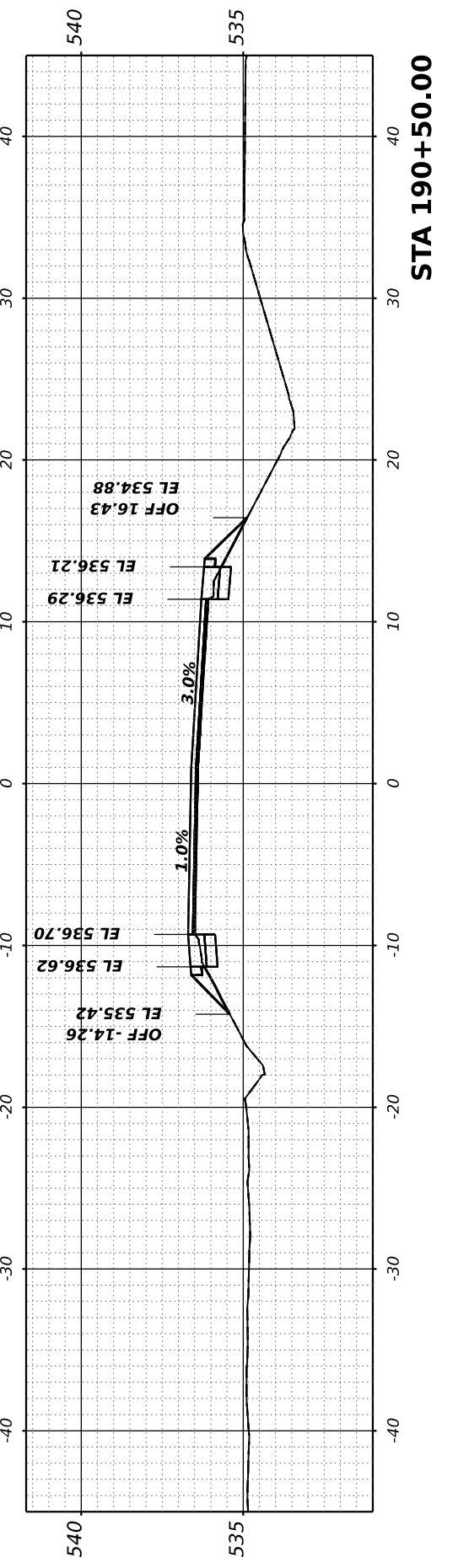
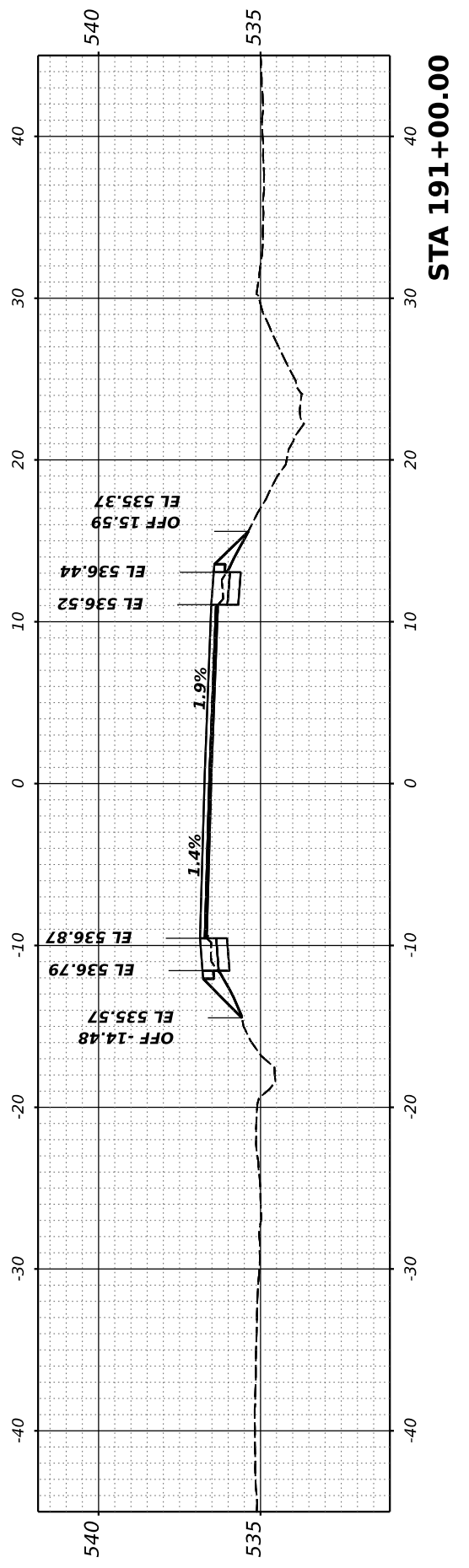
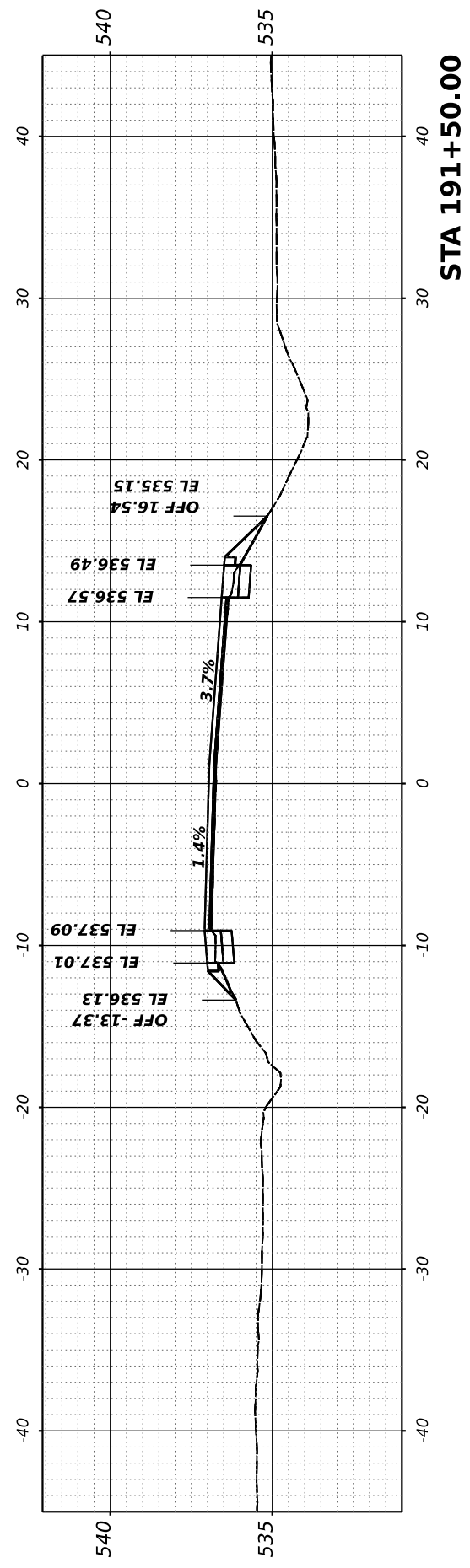
DESIGNED -	REVISER -
DRAWN -	REVISER -
CHECKED -	REVISER -
DATE -	REVISER -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

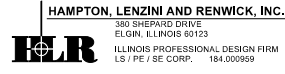
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826	21-00226-00-RS	JEFFERSON	239	79
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

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PLOT SCALE	0.16666667 / in.
PLOT DATE	7/7/2023

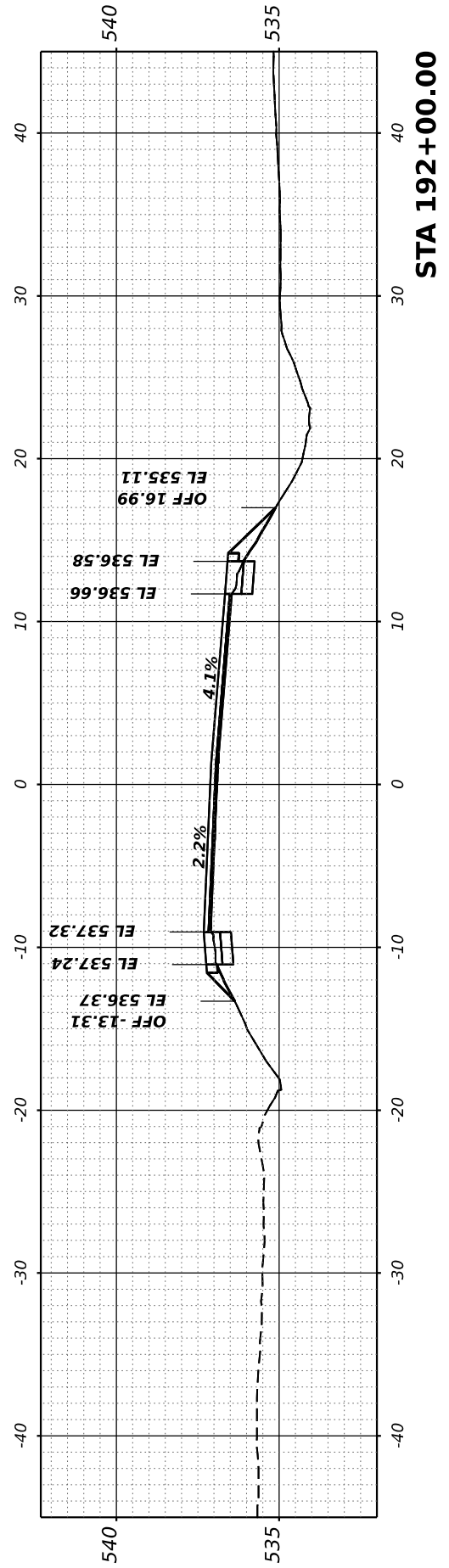
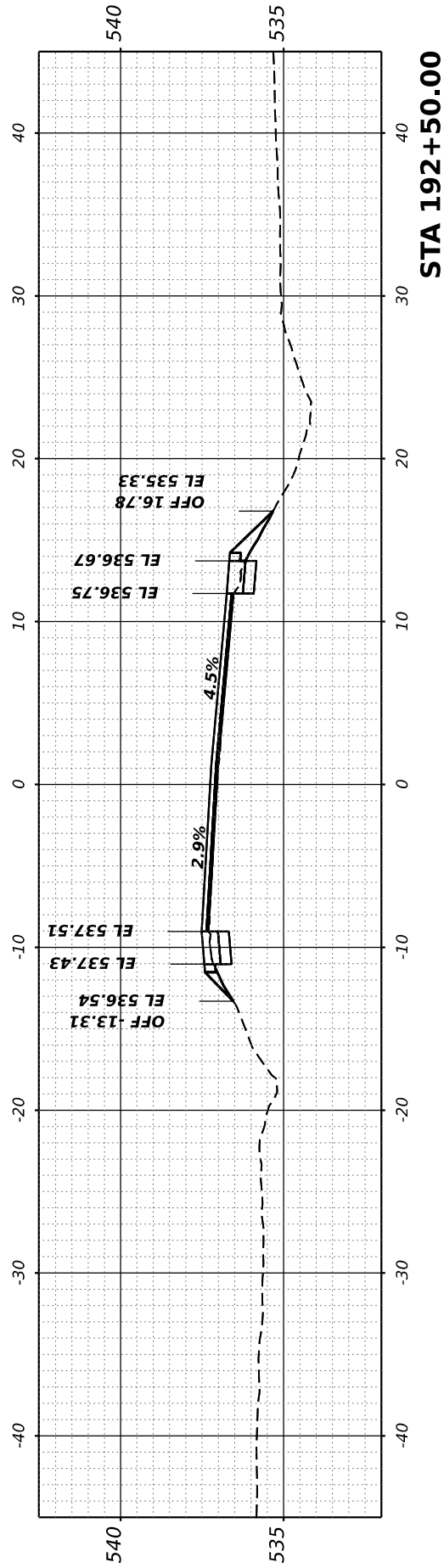
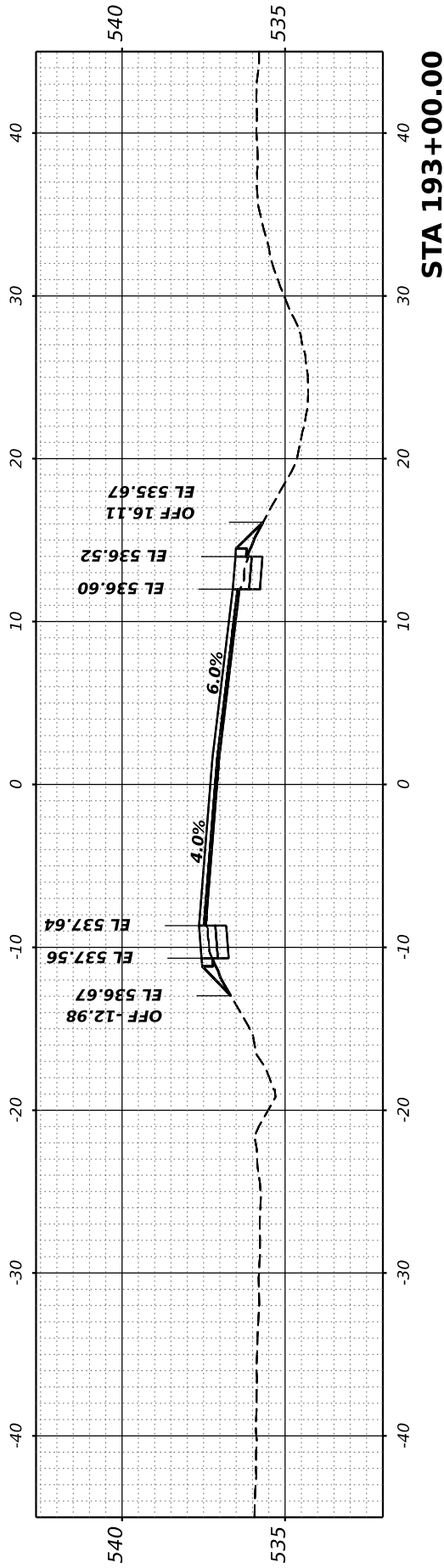
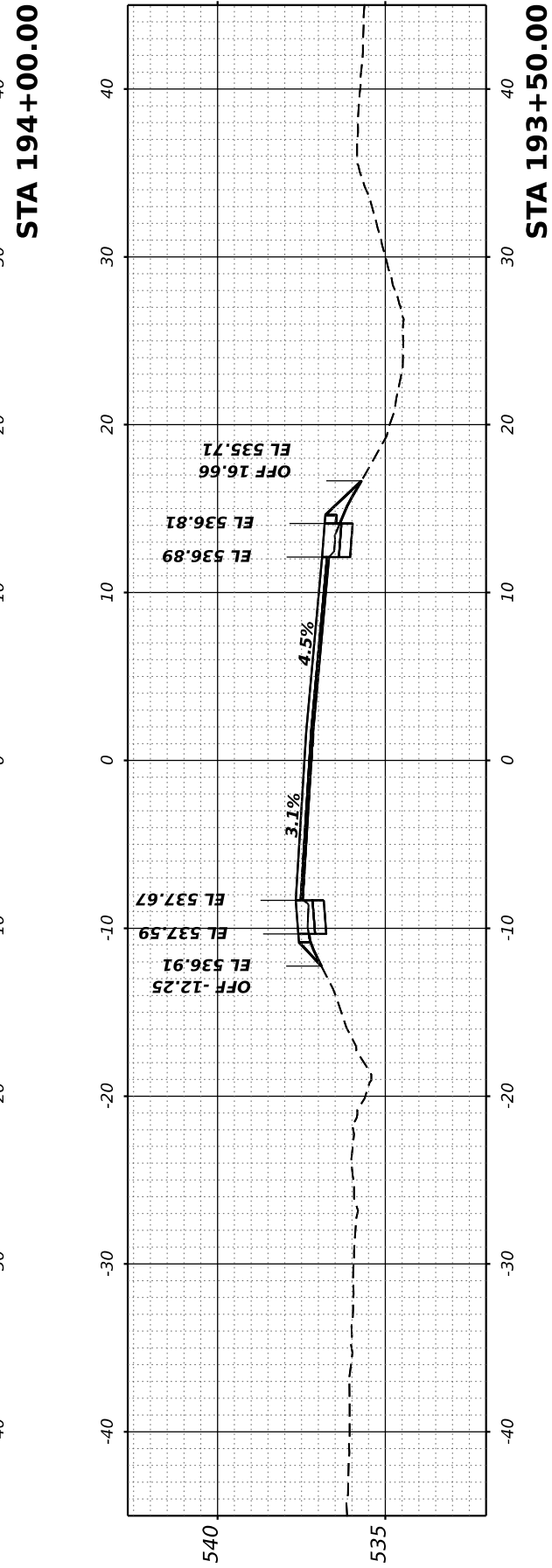
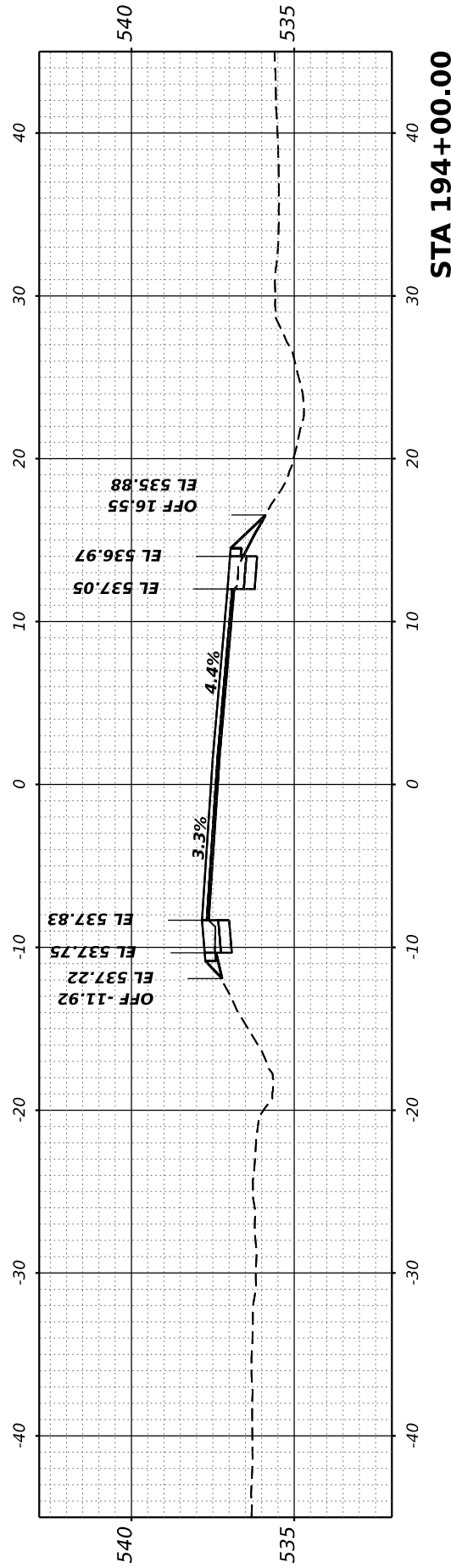
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DRAWN	-
CHECKED	-
DATE	-
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.
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RICHVIEW ROAD

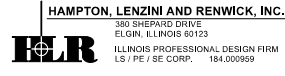
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826	21-00226-00-RS	JEFFERSON	239	80
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

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PLOT DATE	= 7/7/2023

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DRAWN	-
CHECKED	-
DATE	-

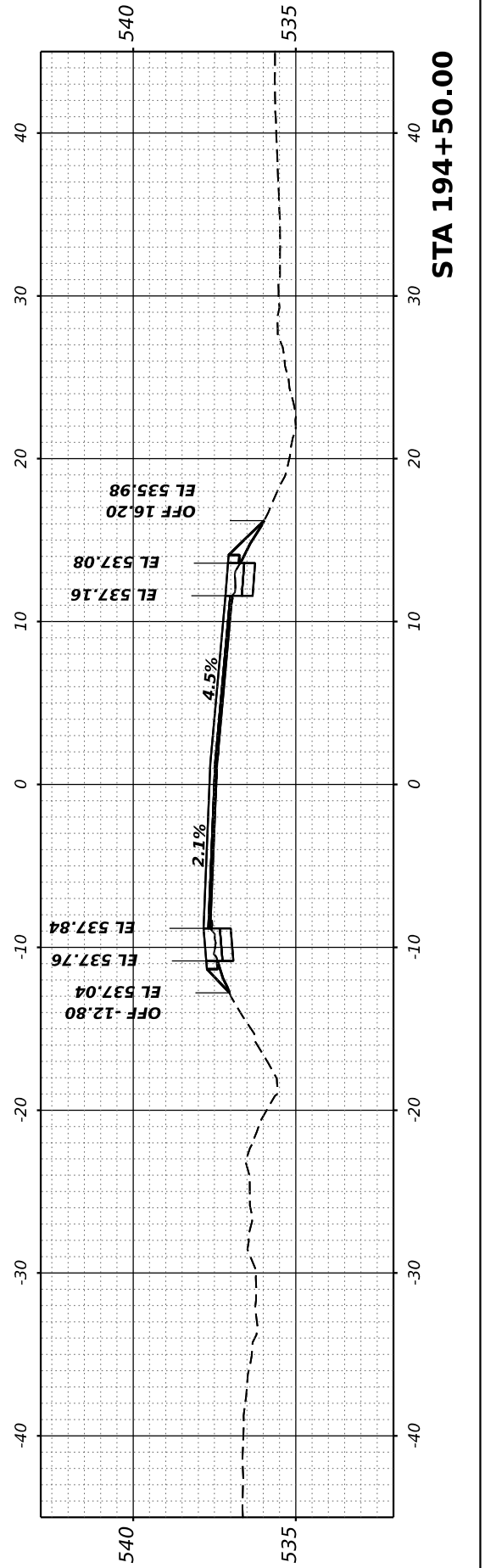
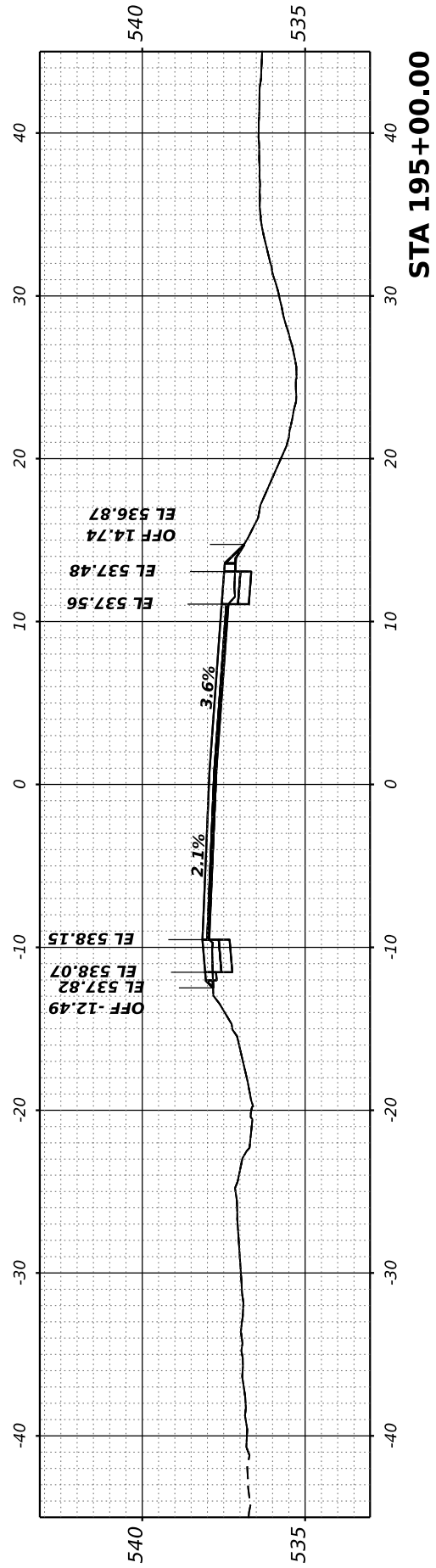
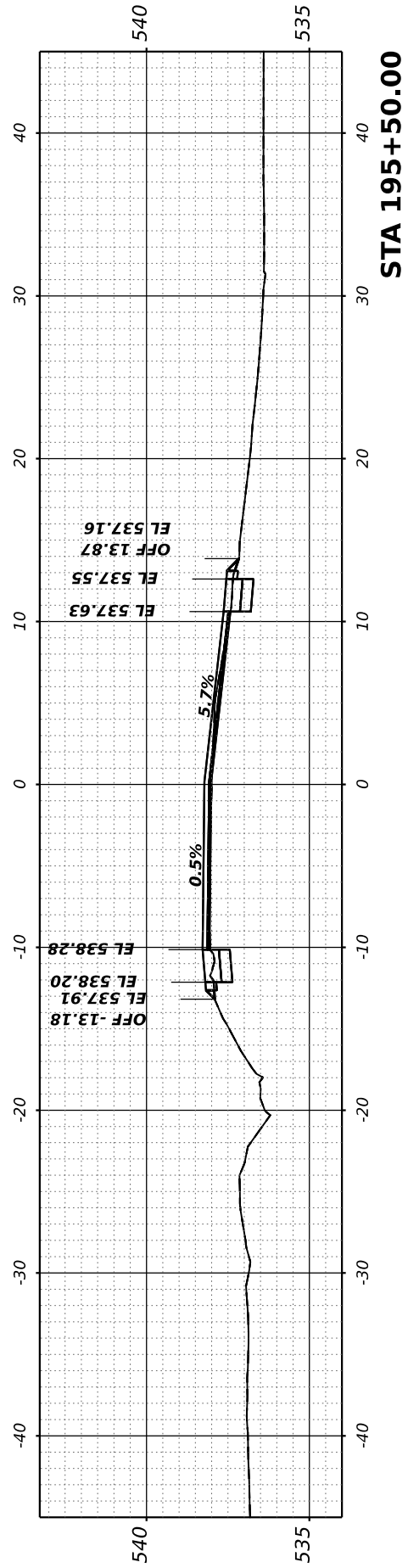
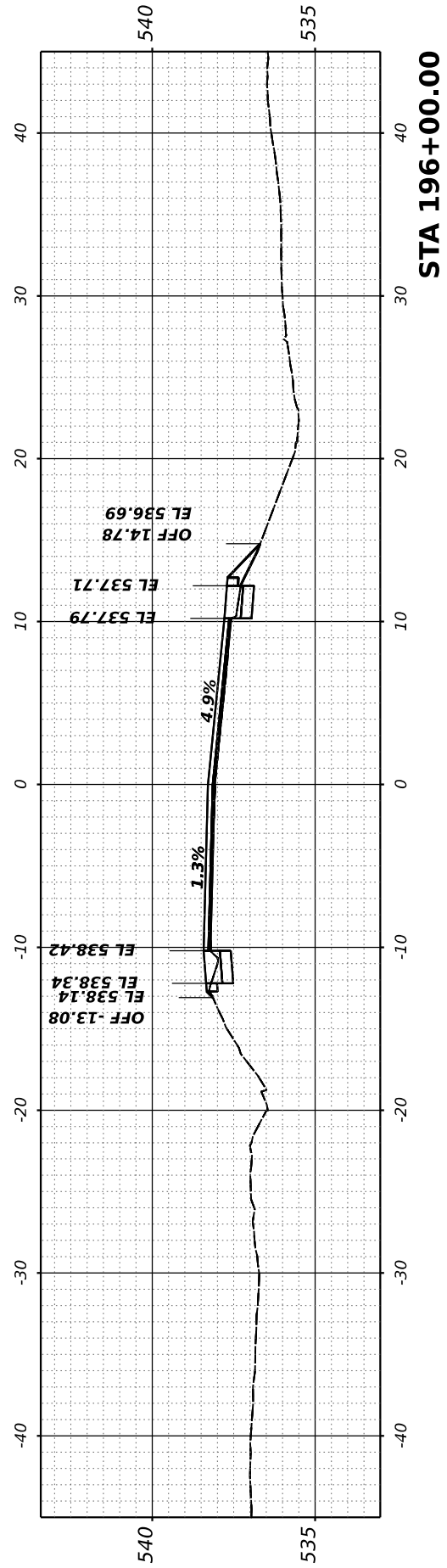
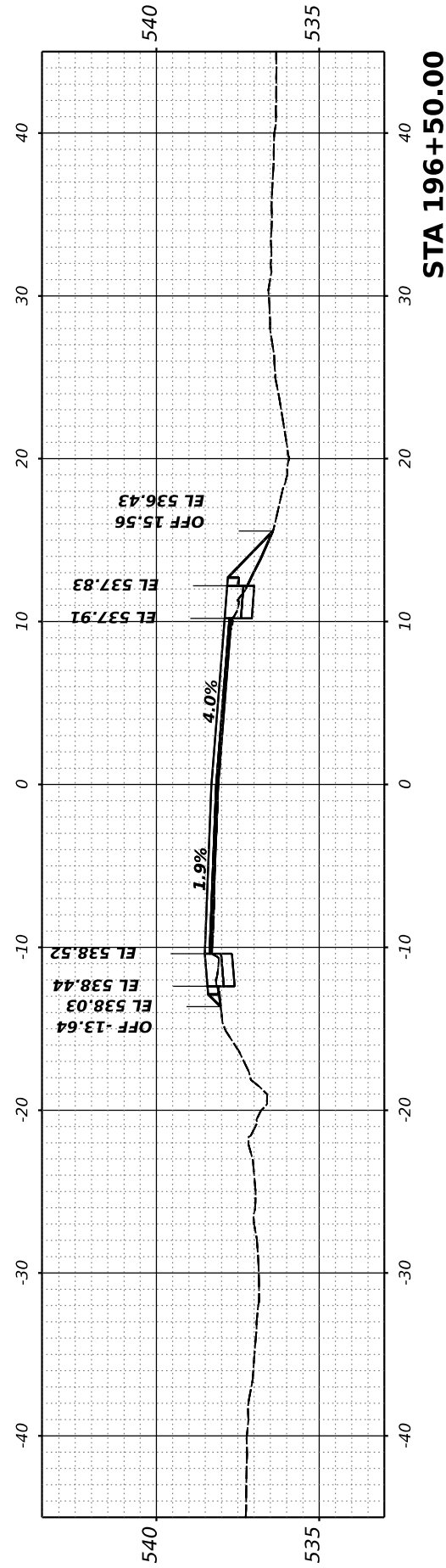
REVISED	-
REVISED	-
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

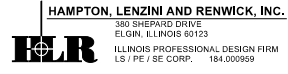
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	81
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Corridor-1 - 197+00.00 [Sheet]
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PLOT DATE	= 7/7/2023

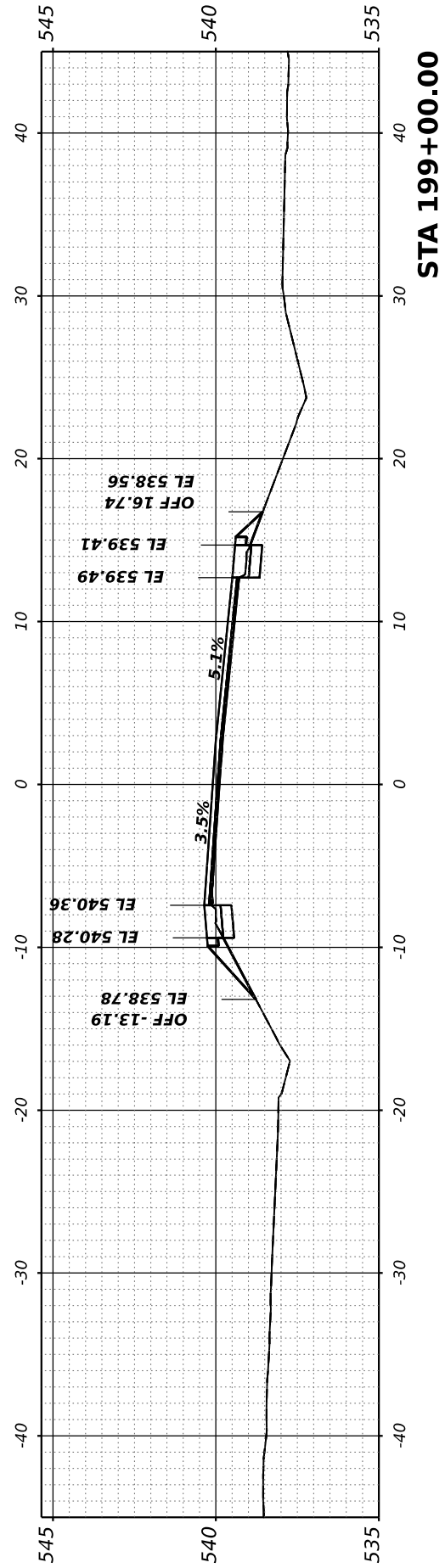
DESIGNED	-
DRAWN	-
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DATE	-
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

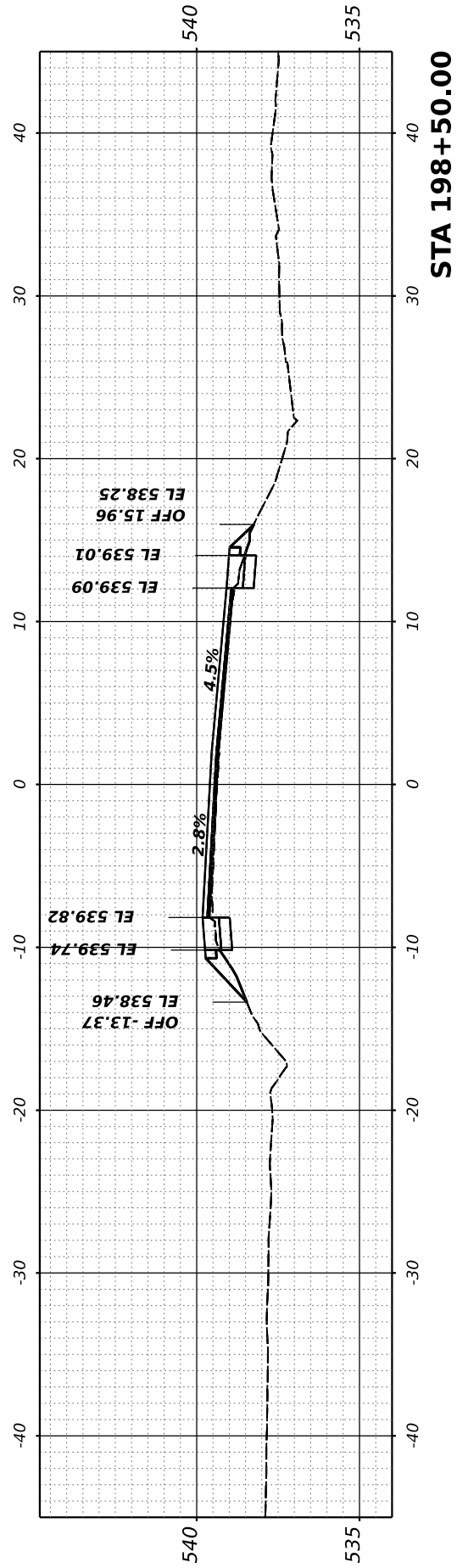
SCALE:	SHEET	OF	SHEETS	STA.
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RICHVIEW ROAD

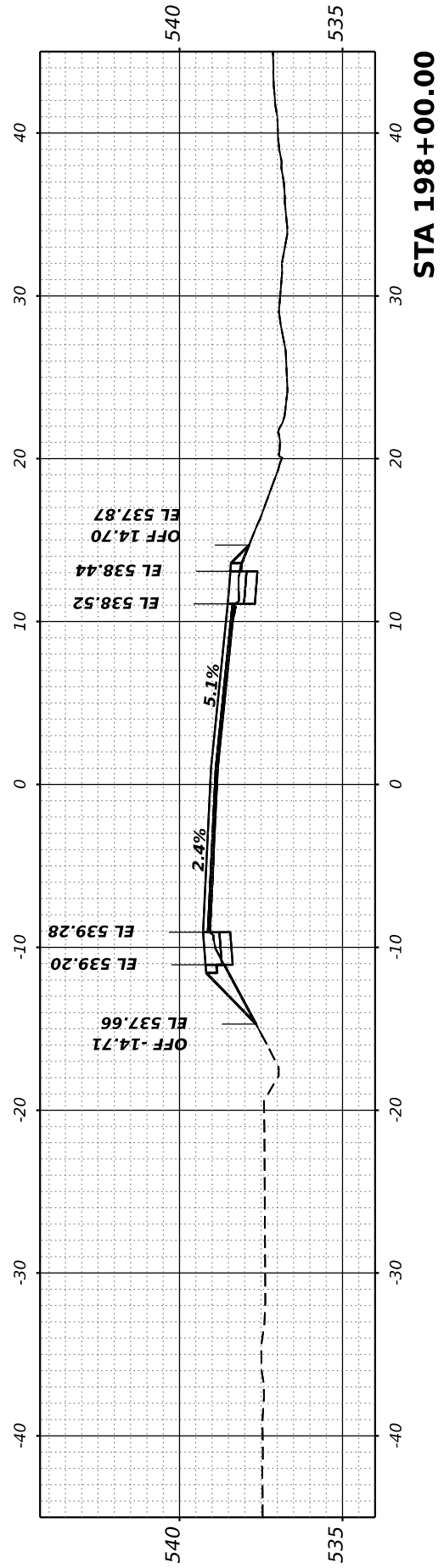
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	82
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



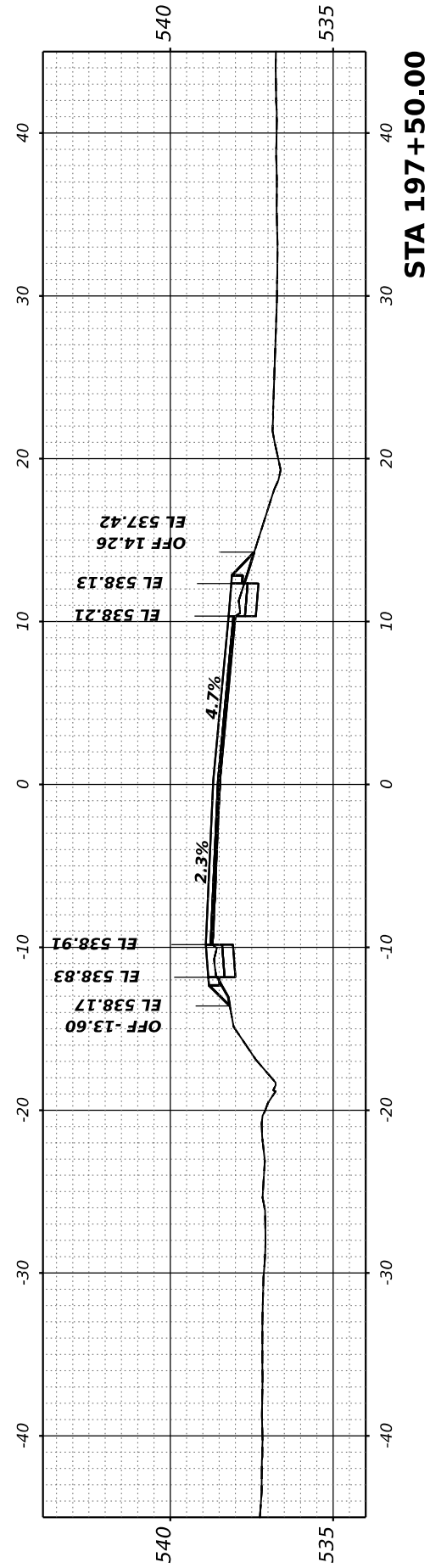
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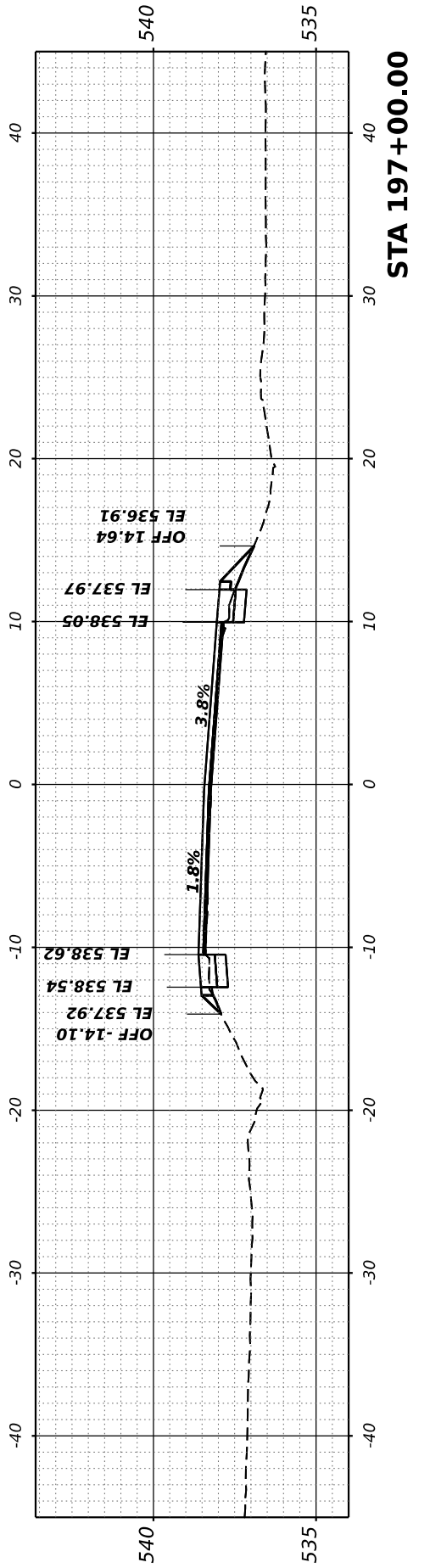
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STA 198+00.00



STA 197+50.00

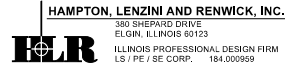


STA 197+00.00

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

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

MODEL: Corridor-1 - 199+50.00 (Sheet)
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PLOT SCALE	0.16666667 / in.
PLOT DATE	7/7/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

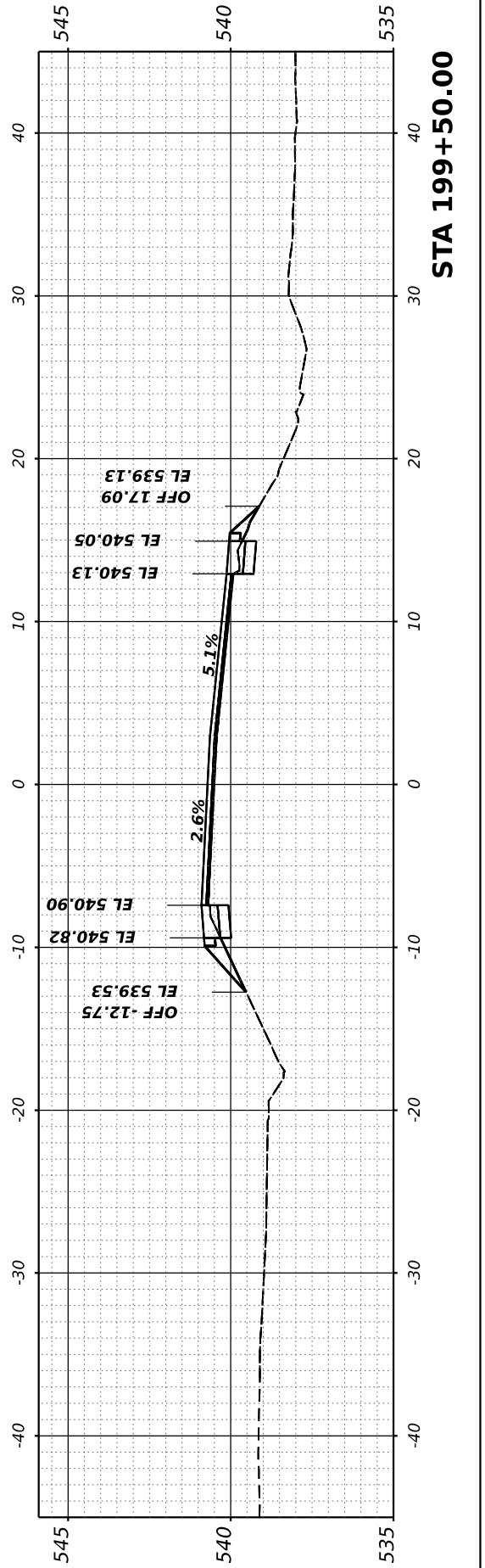
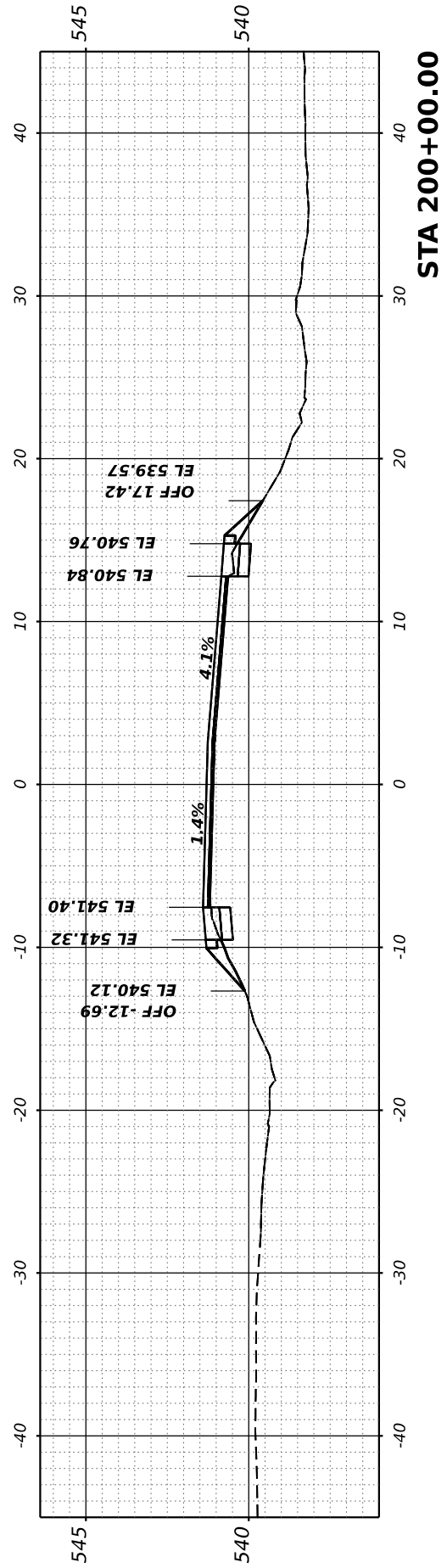
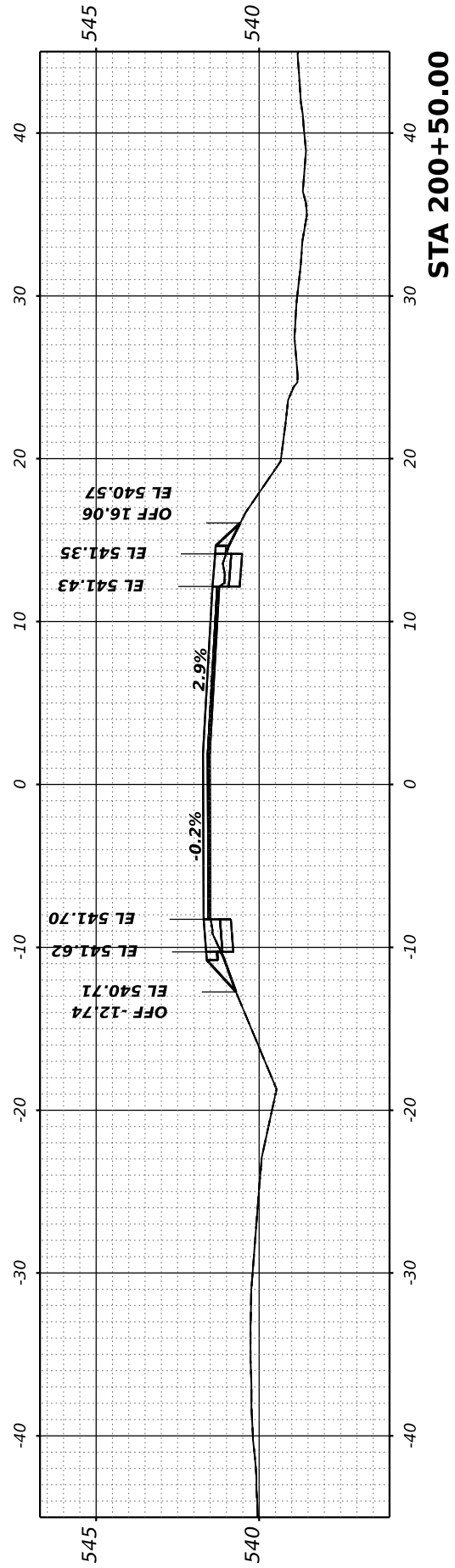
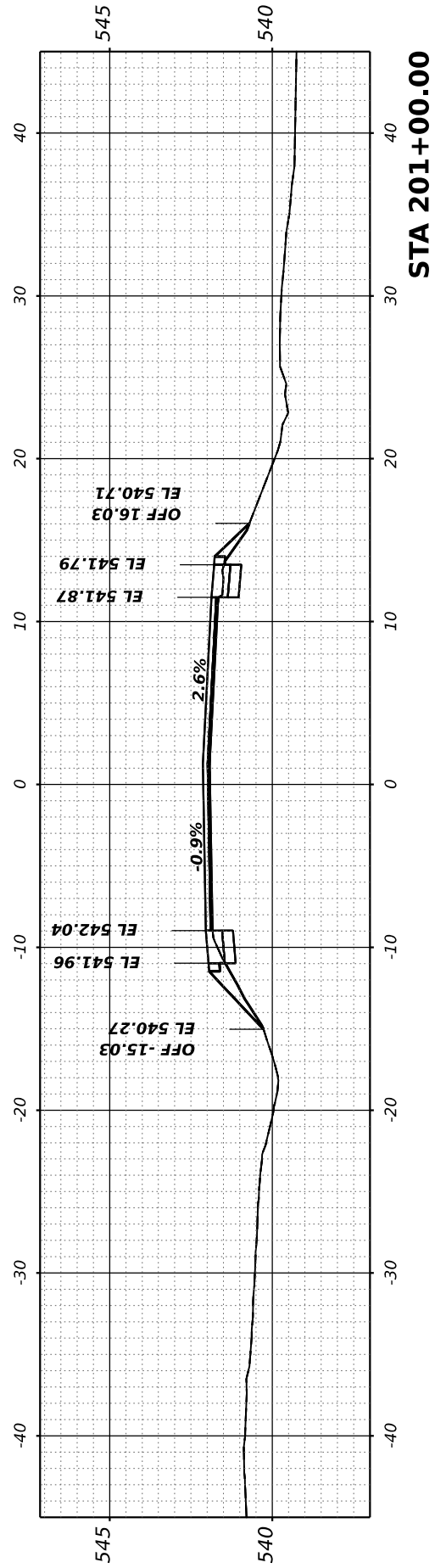
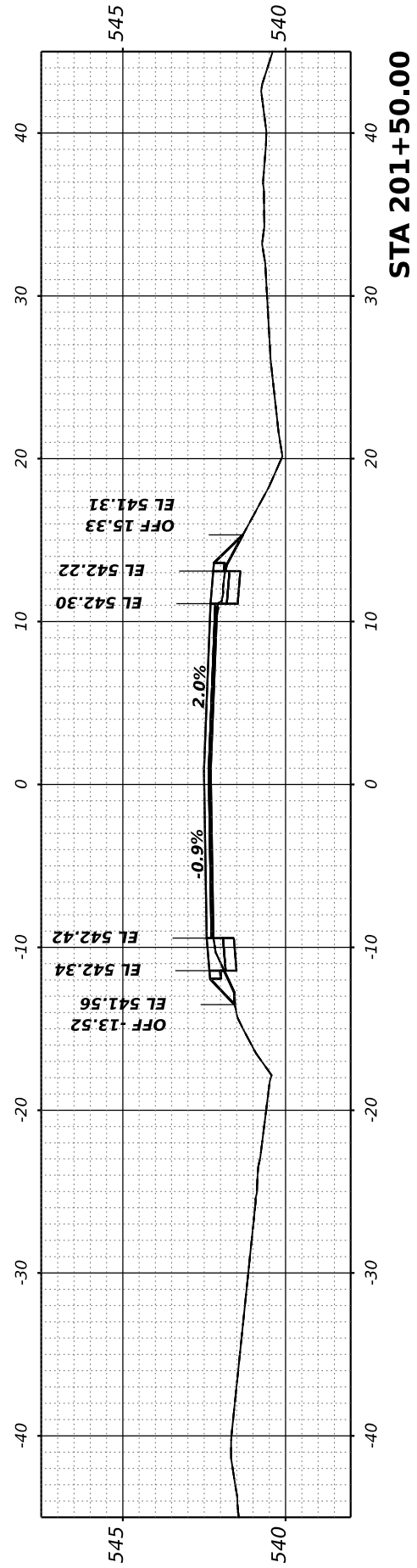
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

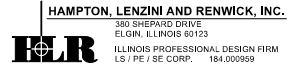
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	83
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Comfordr-1 - 2024+00.00 [Sheet]
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PLOT DATE	= 7/7/2023

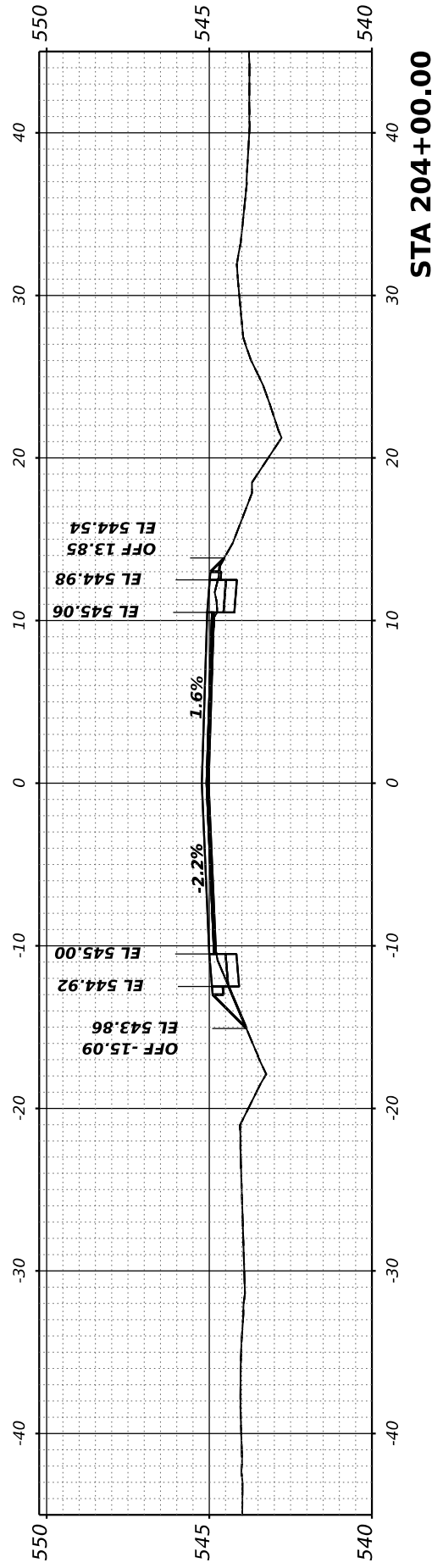
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DRAWN -	REVISIONS -
CHECKED -	REVISIONS -
DATE -	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

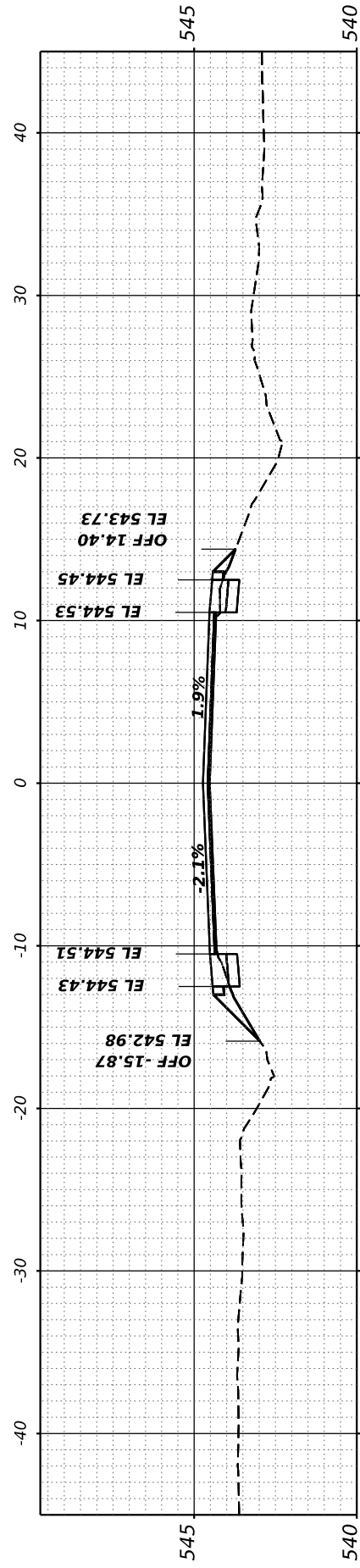
RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

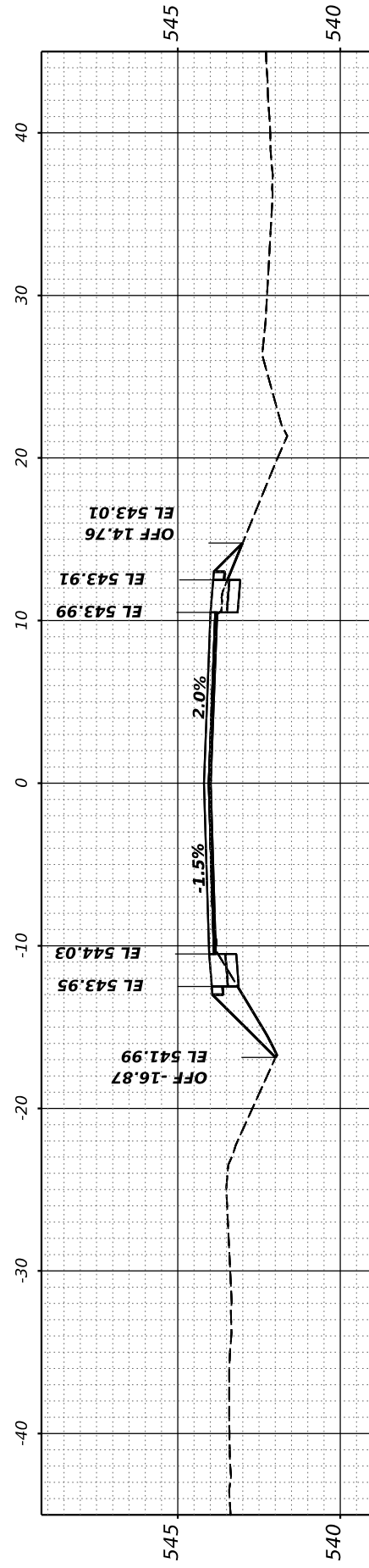
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	84
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



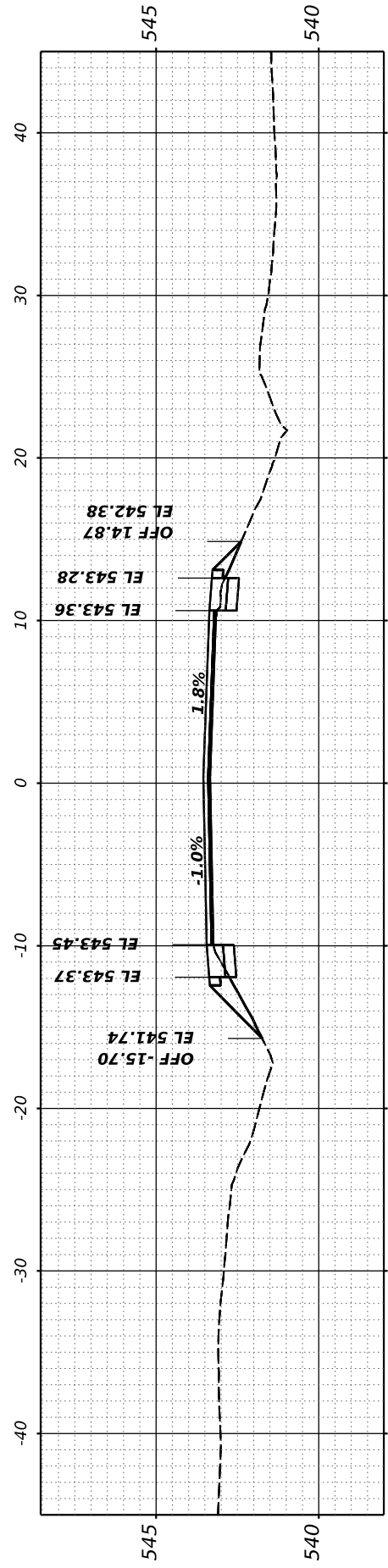
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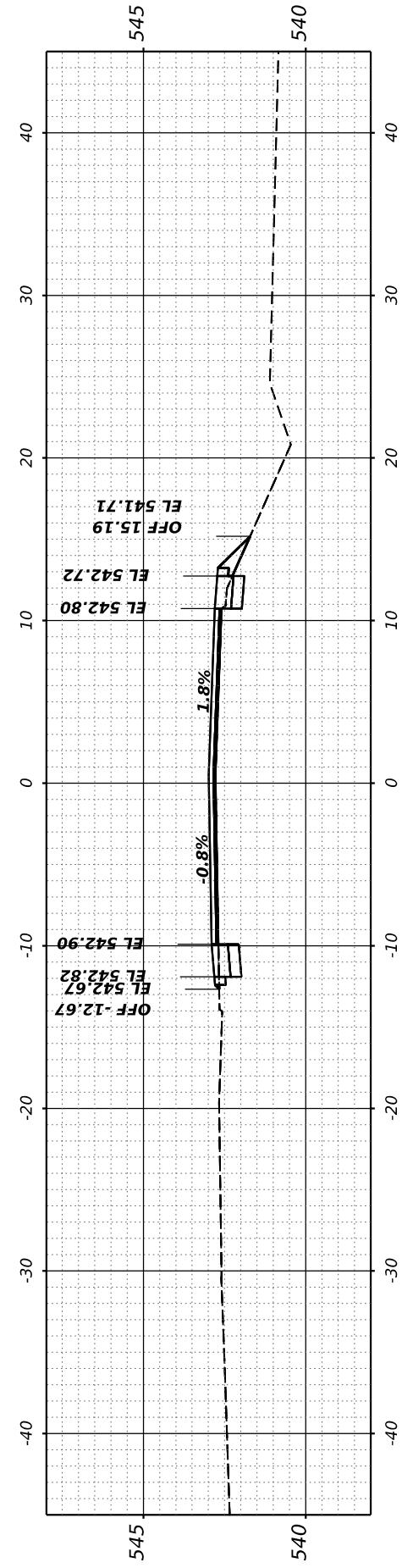
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STA 202+50.00

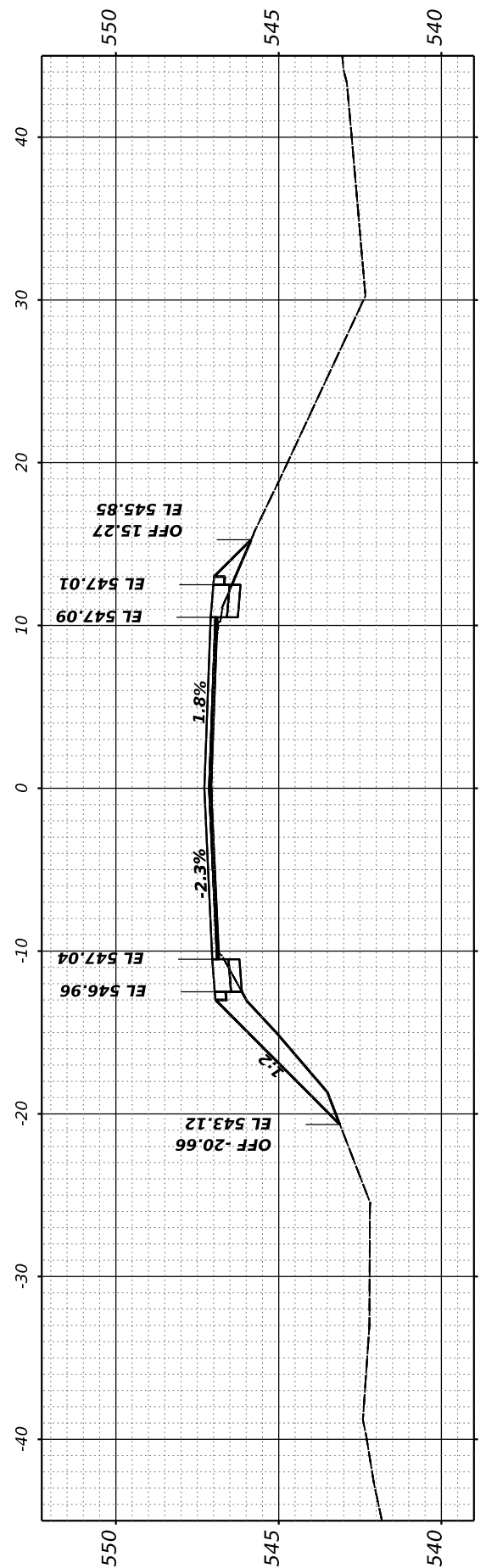


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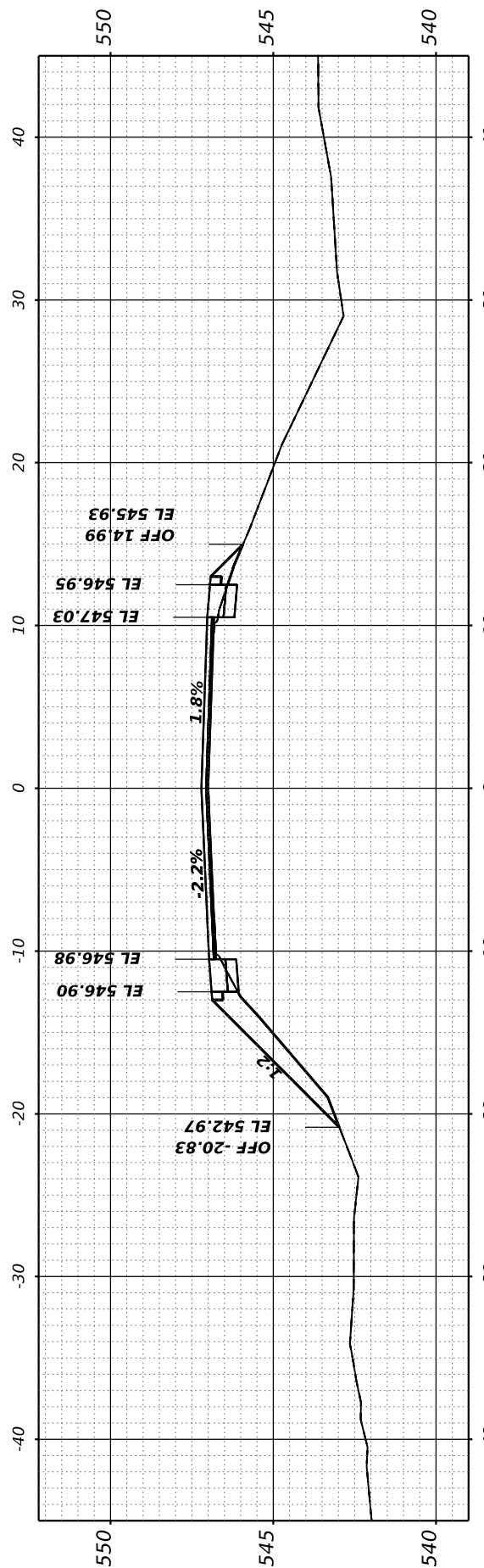
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

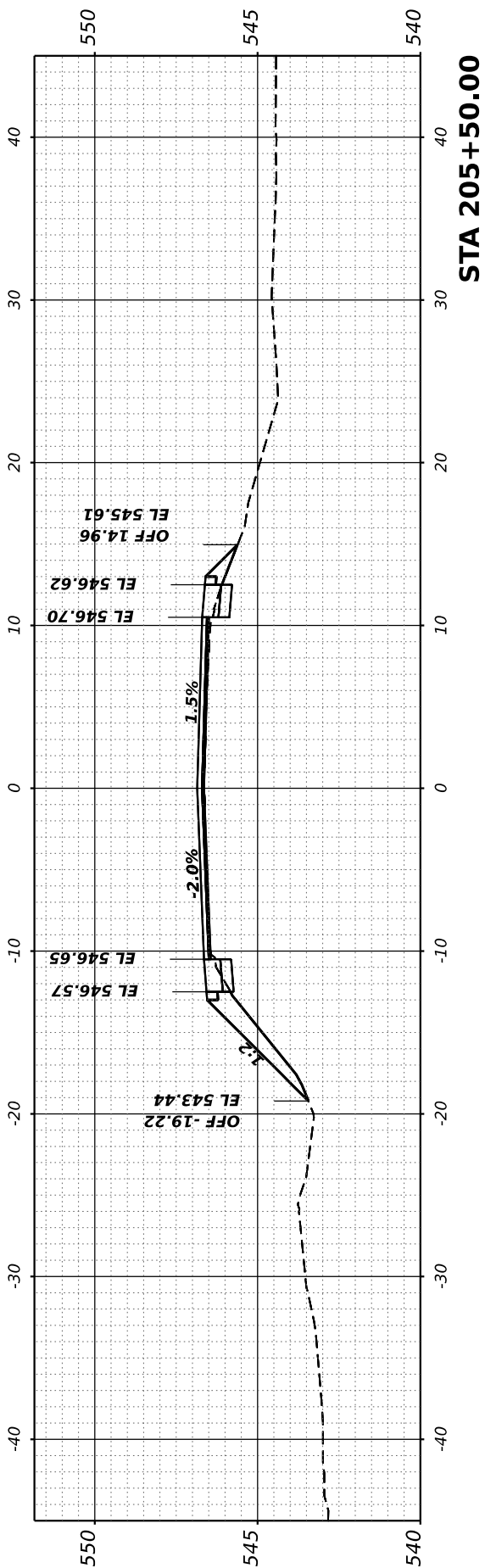
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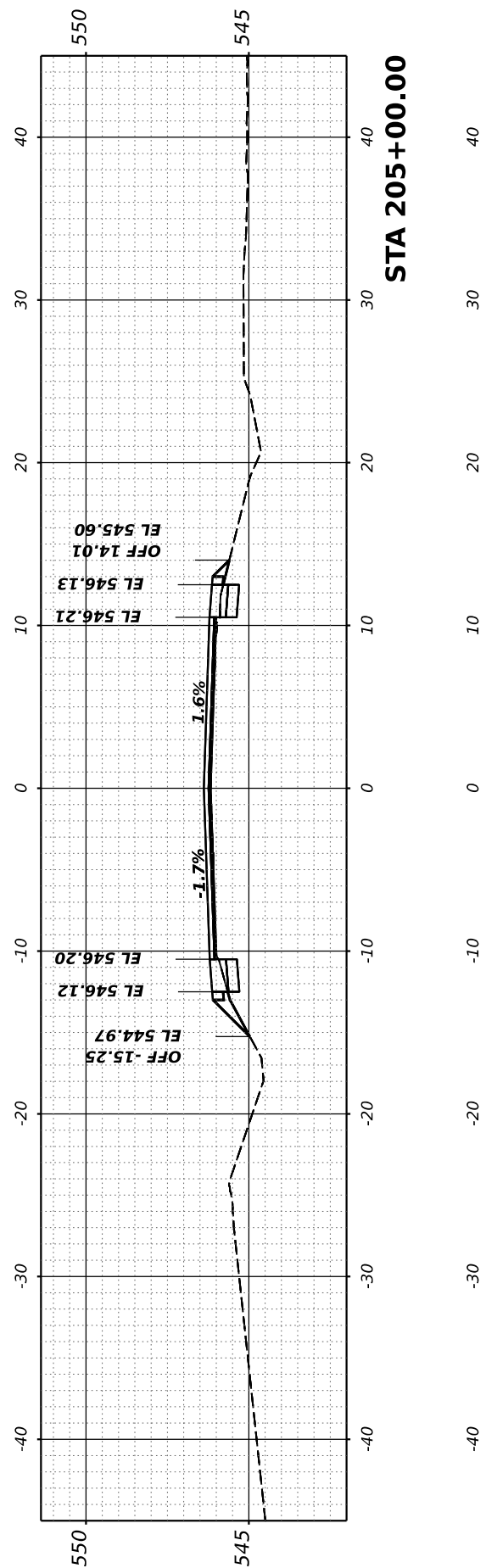
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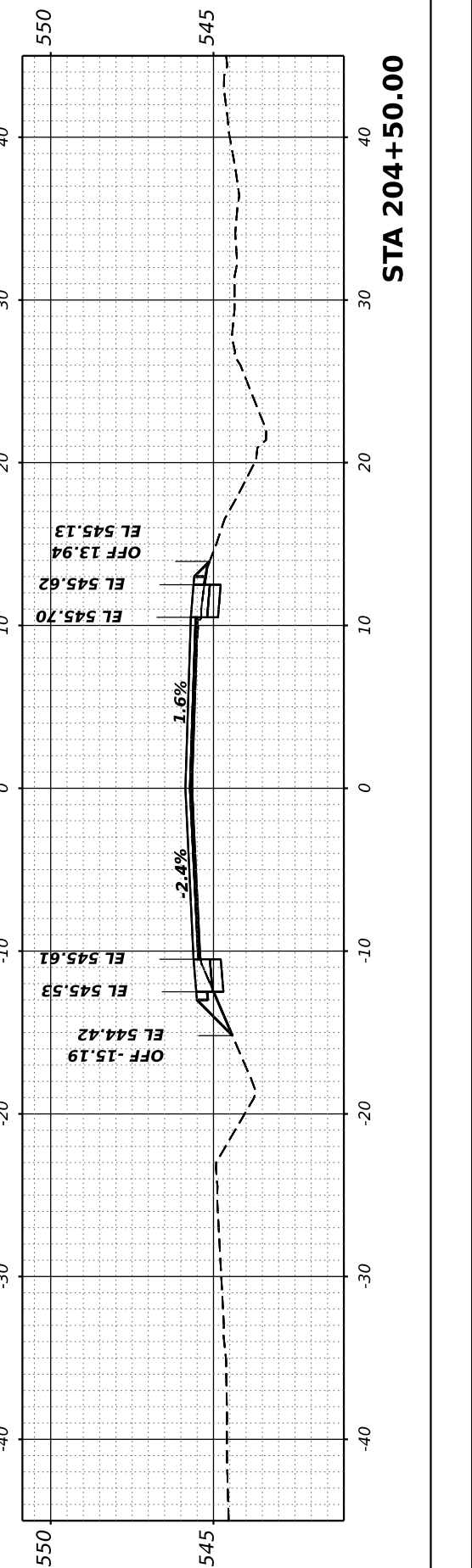
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STA 205+00.00



STA 204+50.00

HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / FE / SE CORP. 184.000959

USER NAME	arietler
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	0.16666667 / in.
PLOT DATE	7/7/2023

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

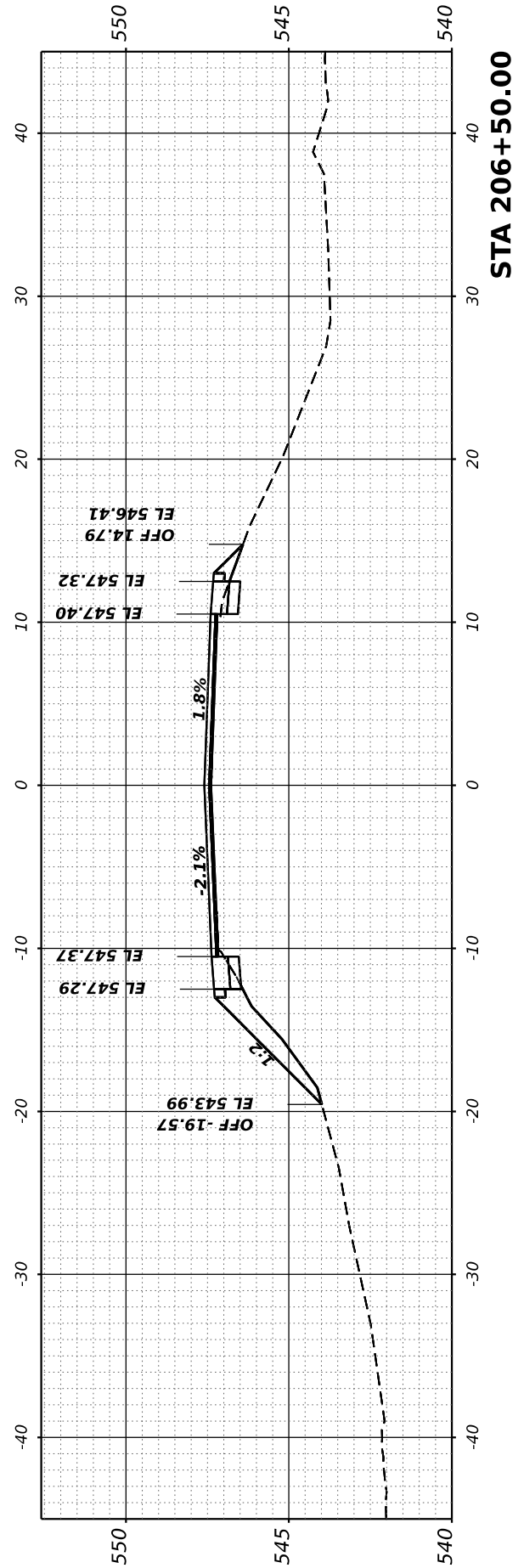
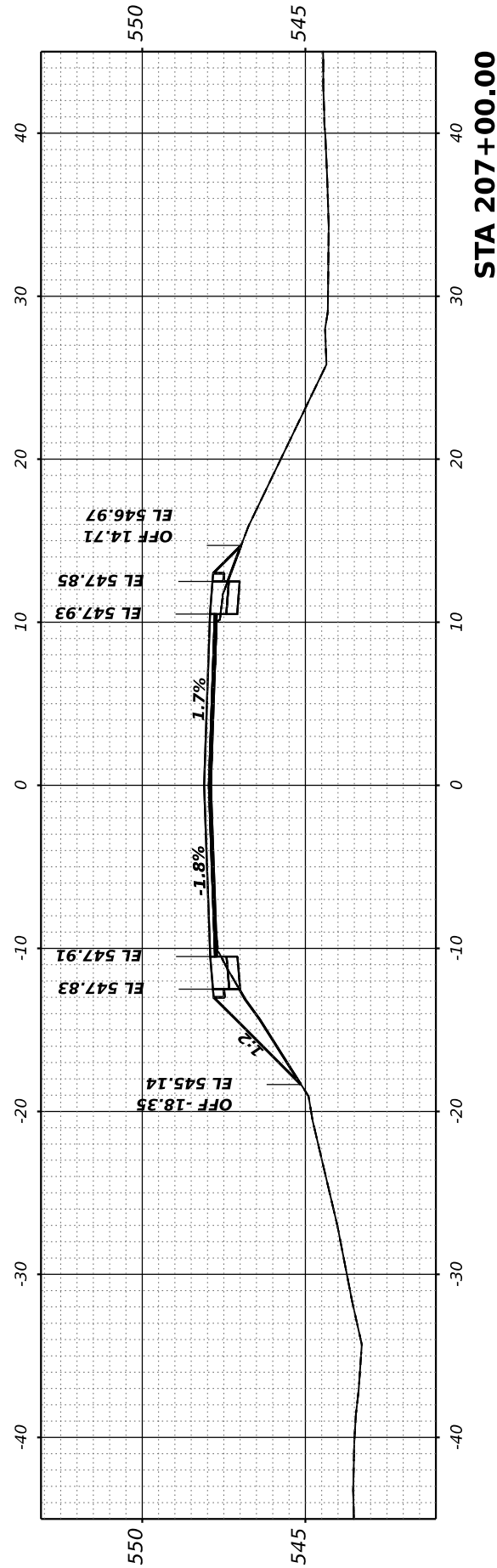
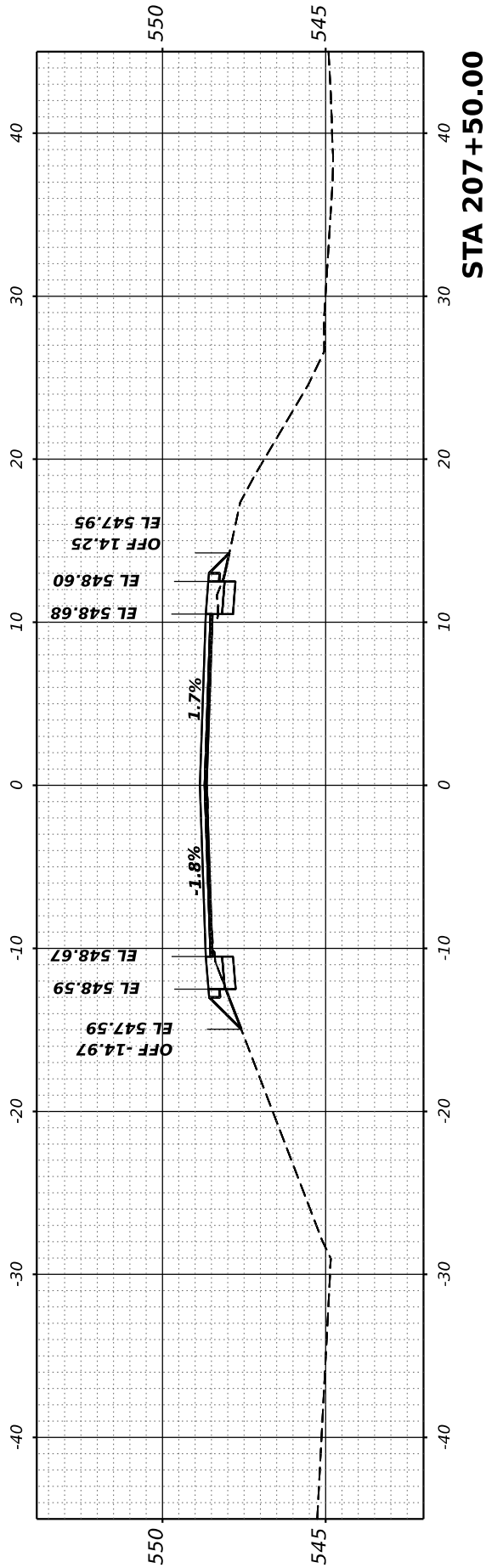
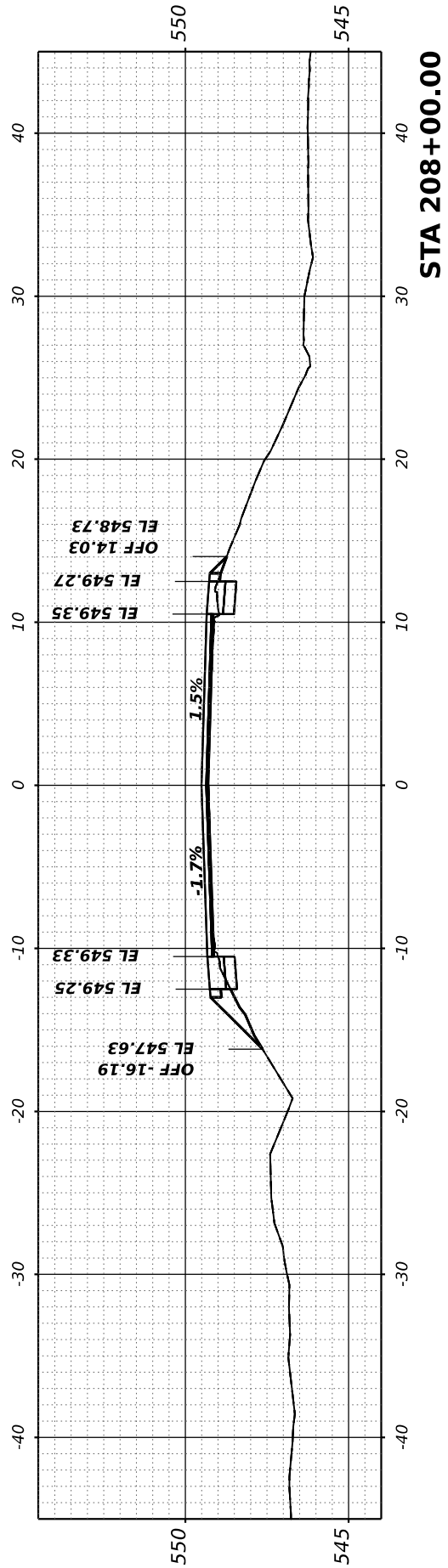
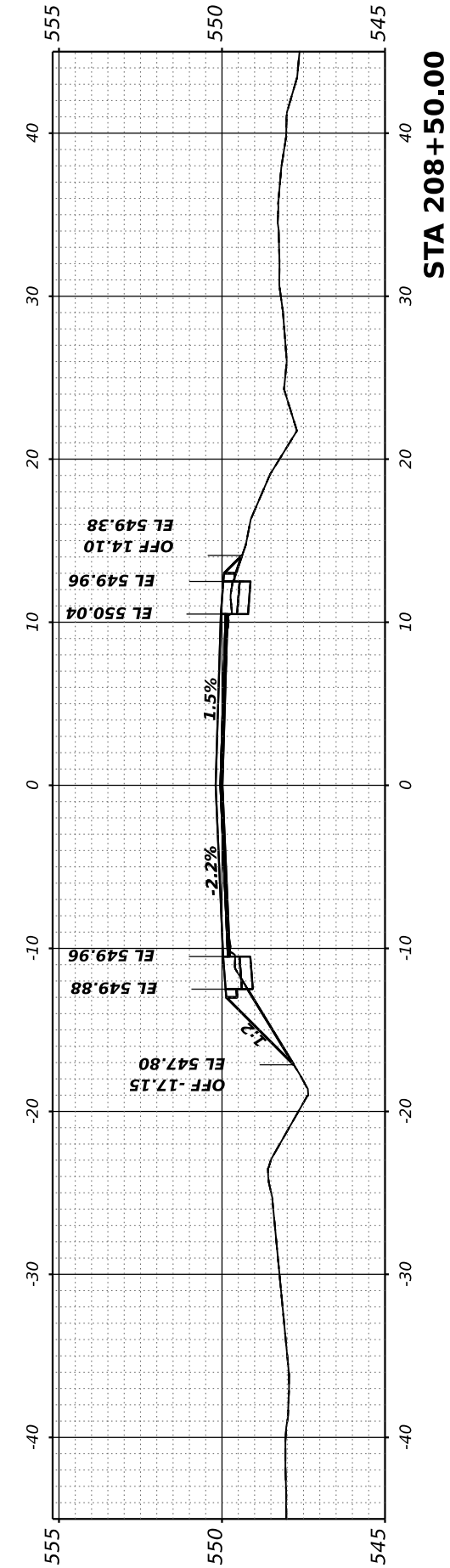
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	85
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

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

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

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HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / FE / SE CORP. 184.000959

USER NAME = ariegler
 PLOT SCALE = 0.16666667 / in.
 PLOT DATE = 7/7/2023

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

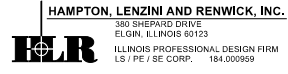
SCALE: SHEET OF SHEETS STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	86
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Corridor-1 - 209+00.00 (Sheet)
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DATE	-

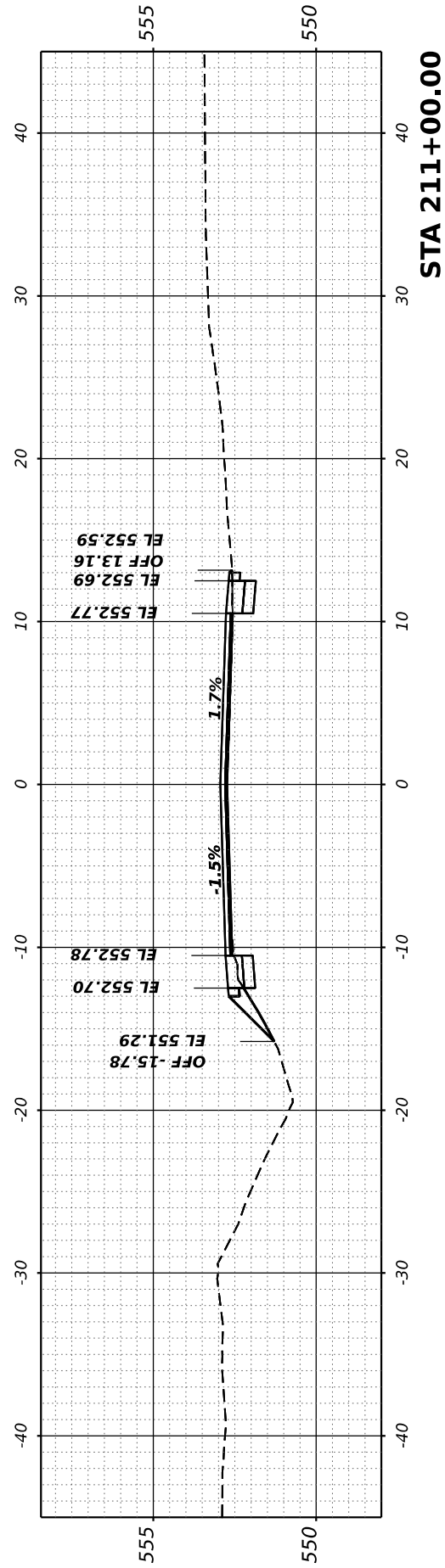
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REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

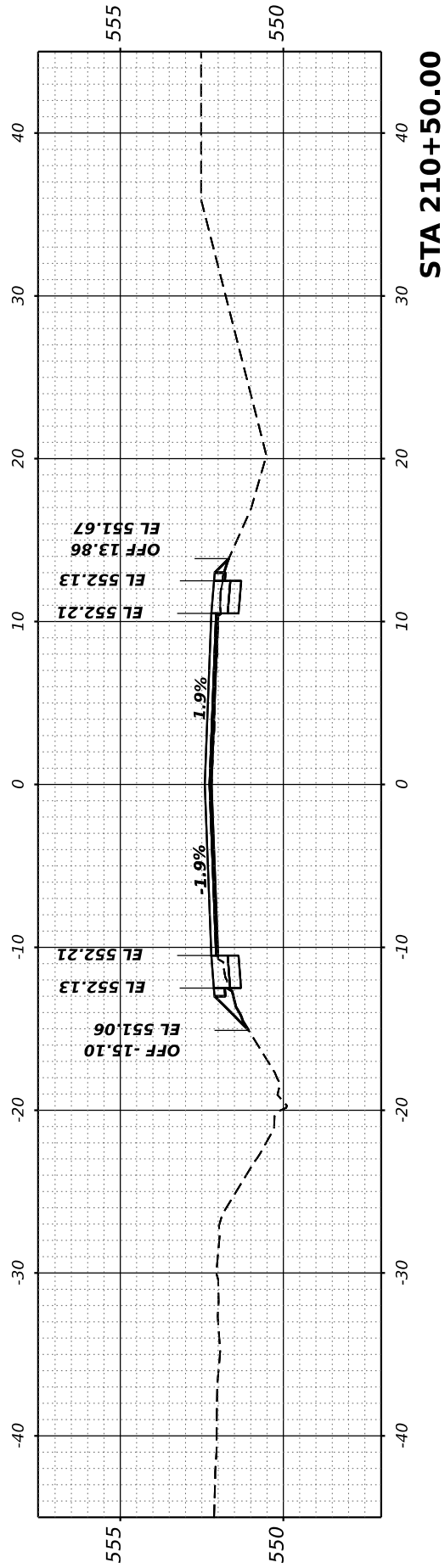
RICHVIEW ROAD

SCALE:	SHEET	OF	SHEETS	STA.
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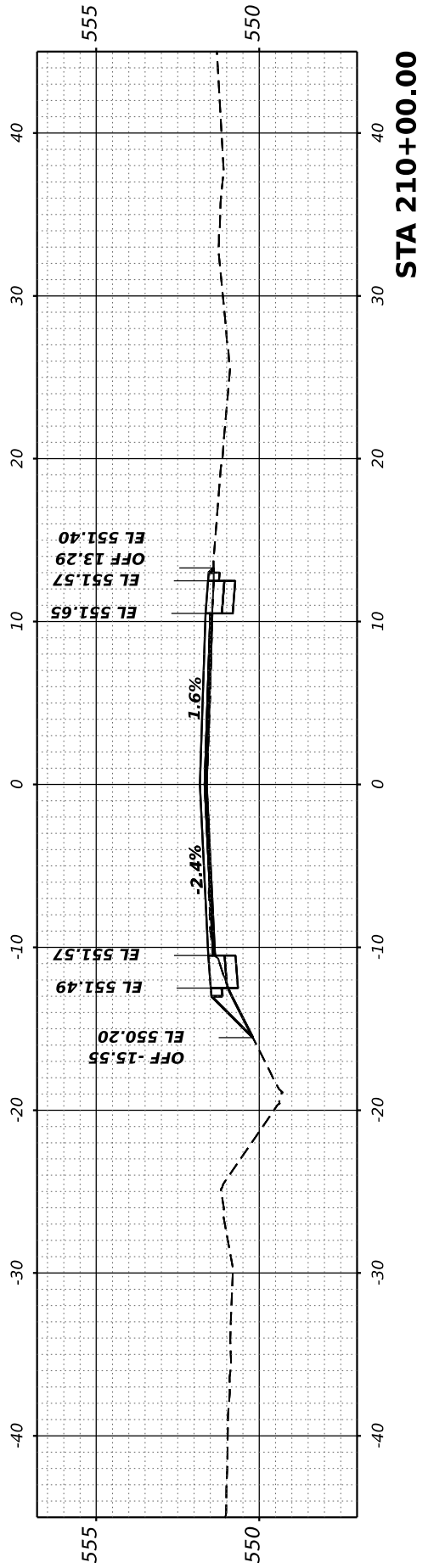
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



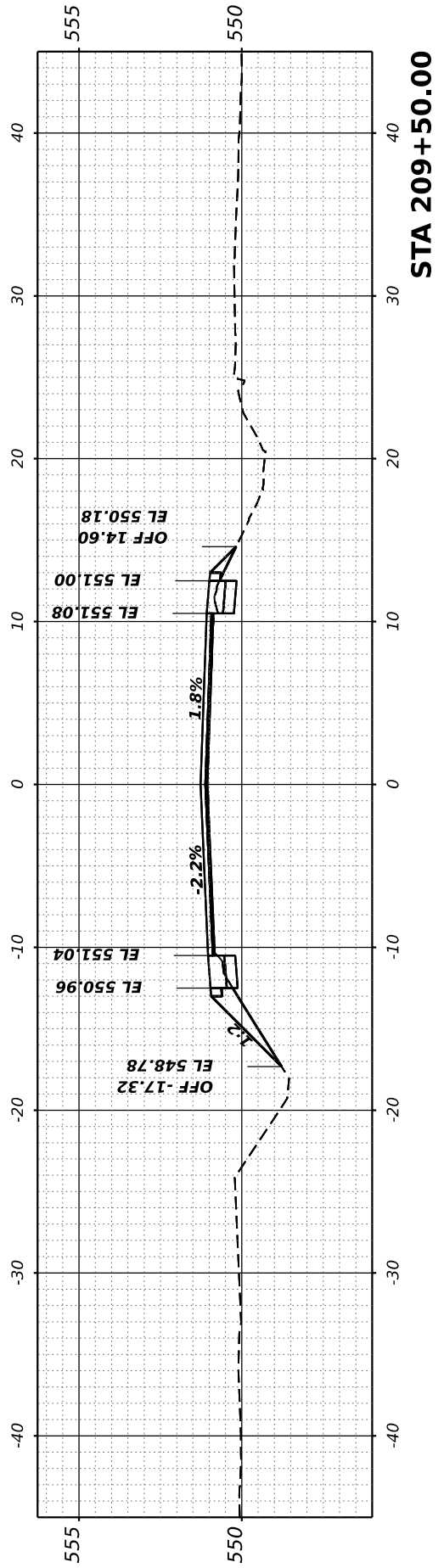
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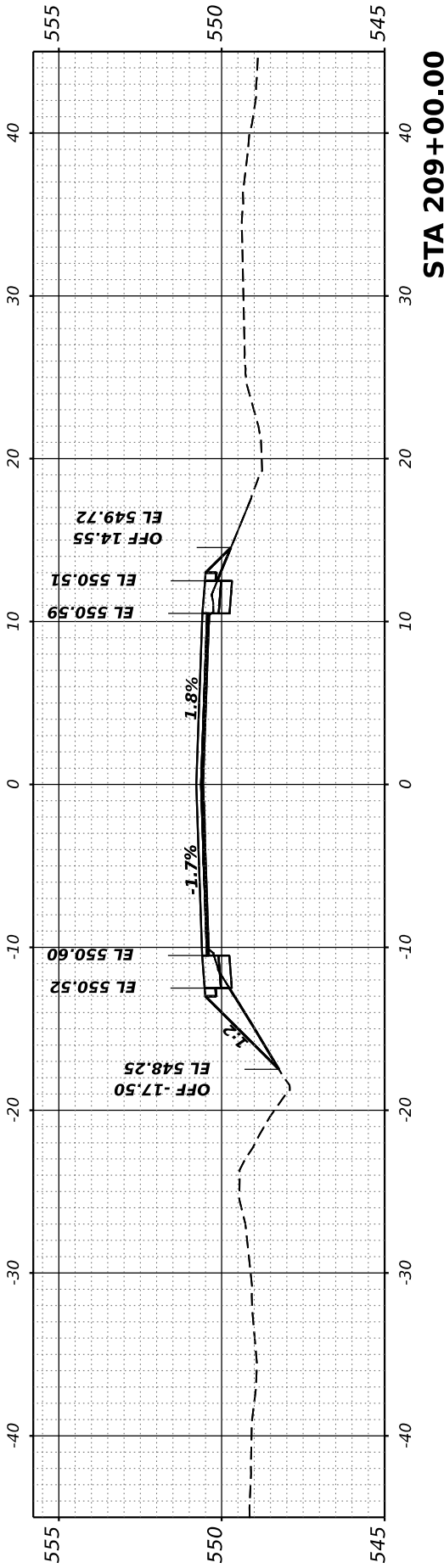
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STA 210+00.00



STA 209+50.00



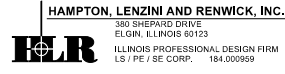
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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

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

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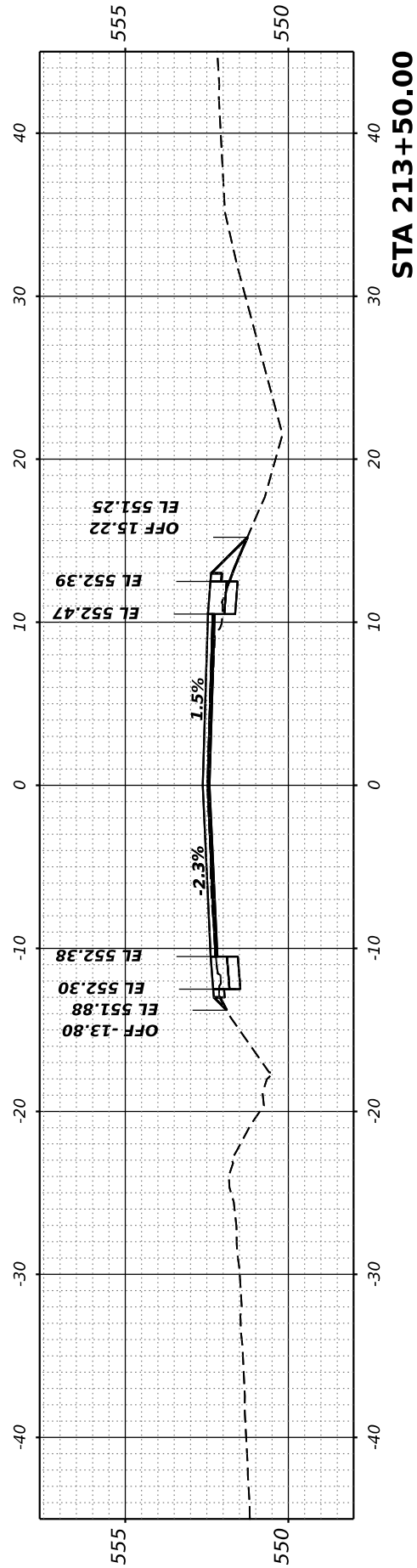
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		DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

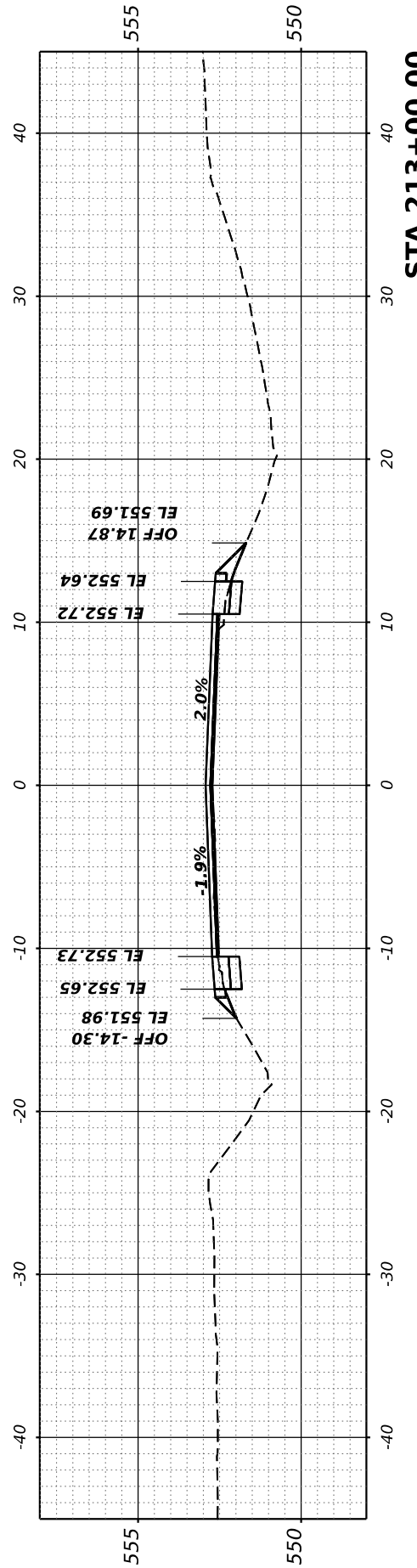
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SCALE: SHEET OF SHEETS STA.

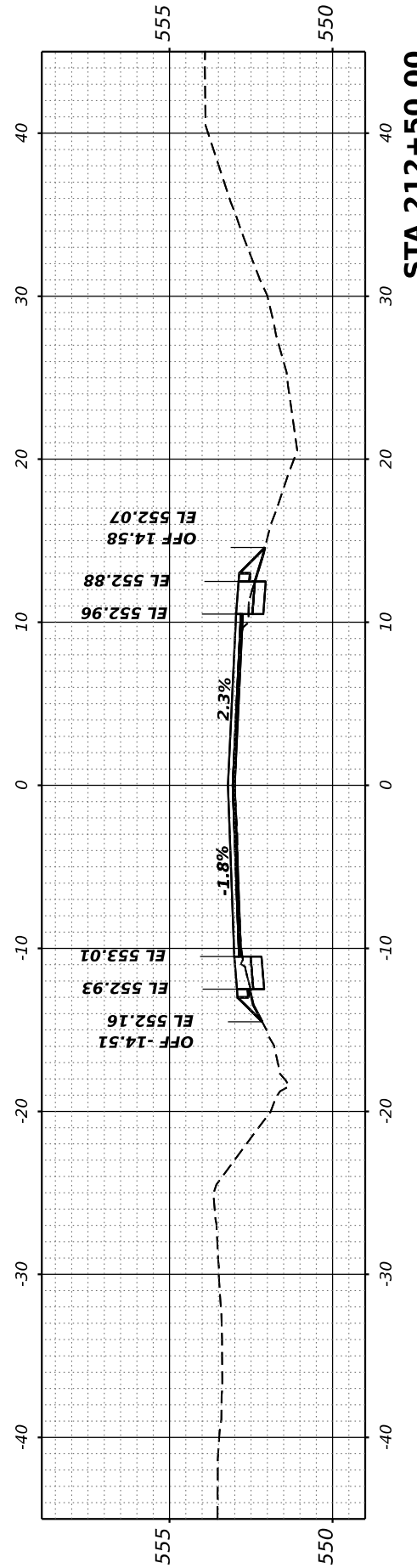
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



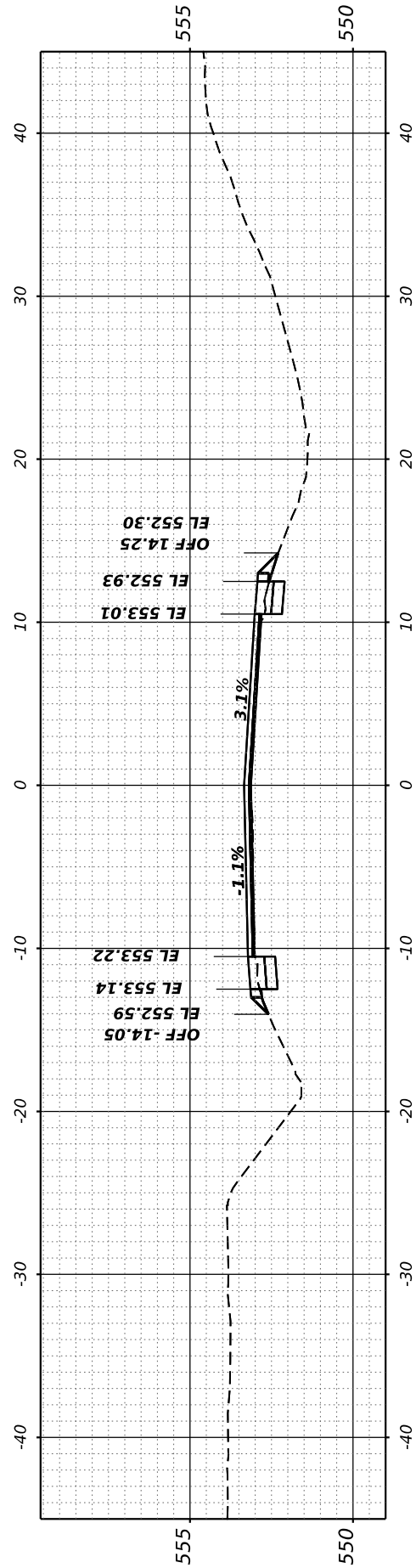
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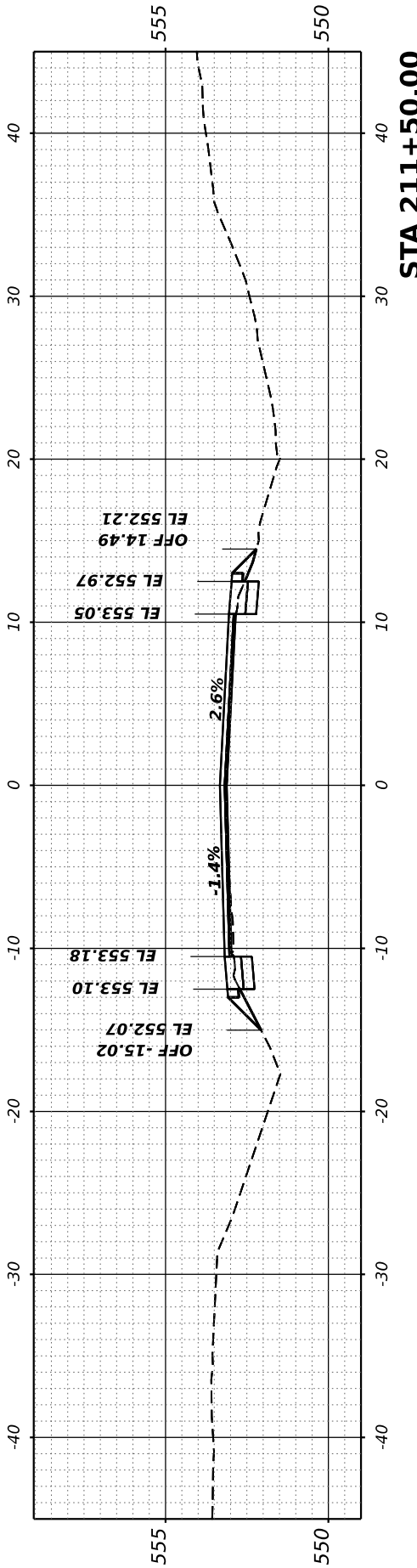
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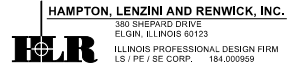


STA 211+50.00

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

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

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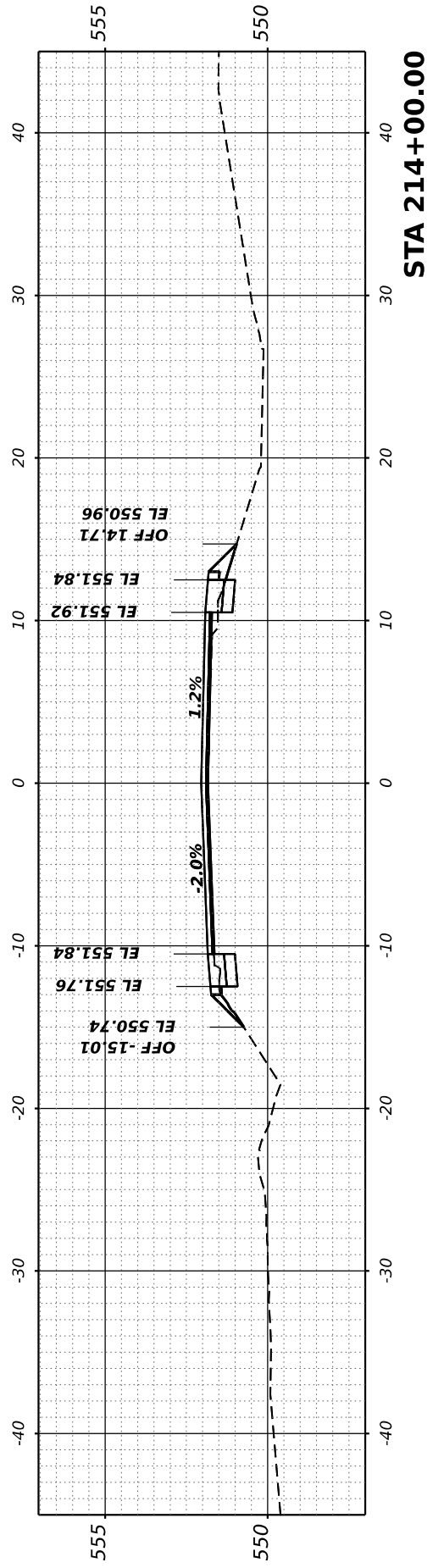
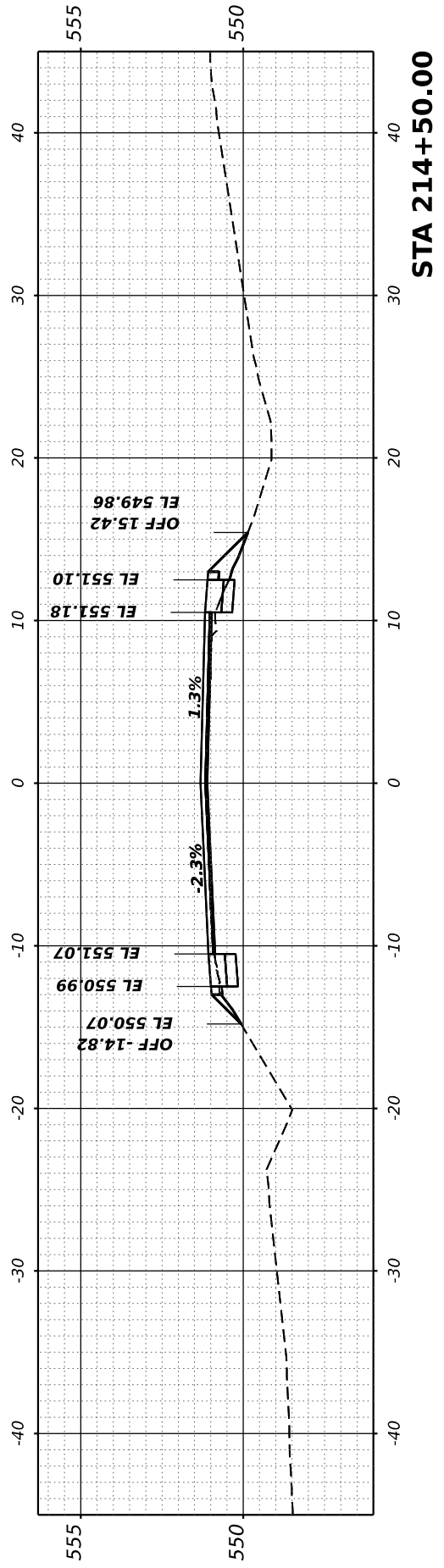
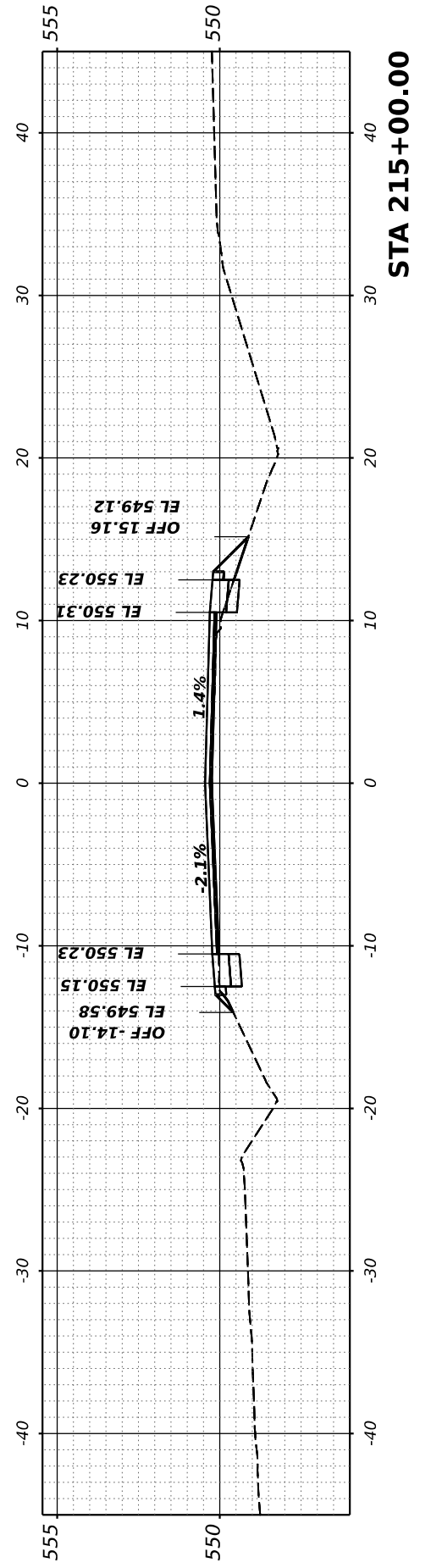
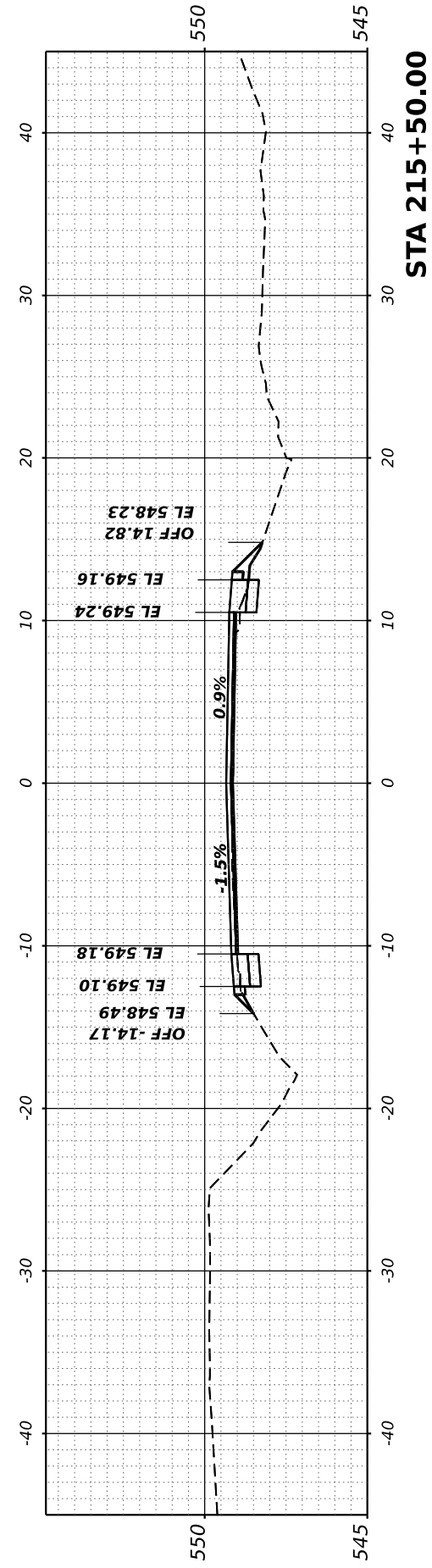
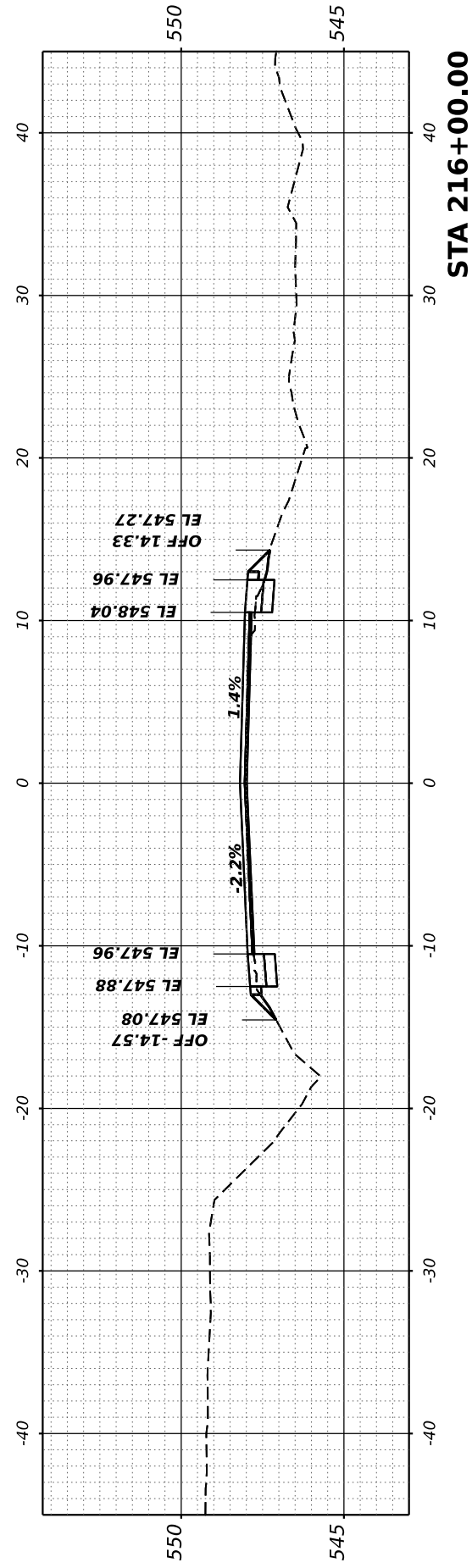
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PLOT DATE	= 7/7/2023	DATE	-
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

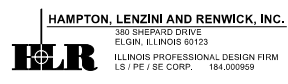
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	89
				CONTRACT NO. 99714
ILLINOIS FED. AID PROJECT				



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

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

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PLOT DATE	= 7/7/2023

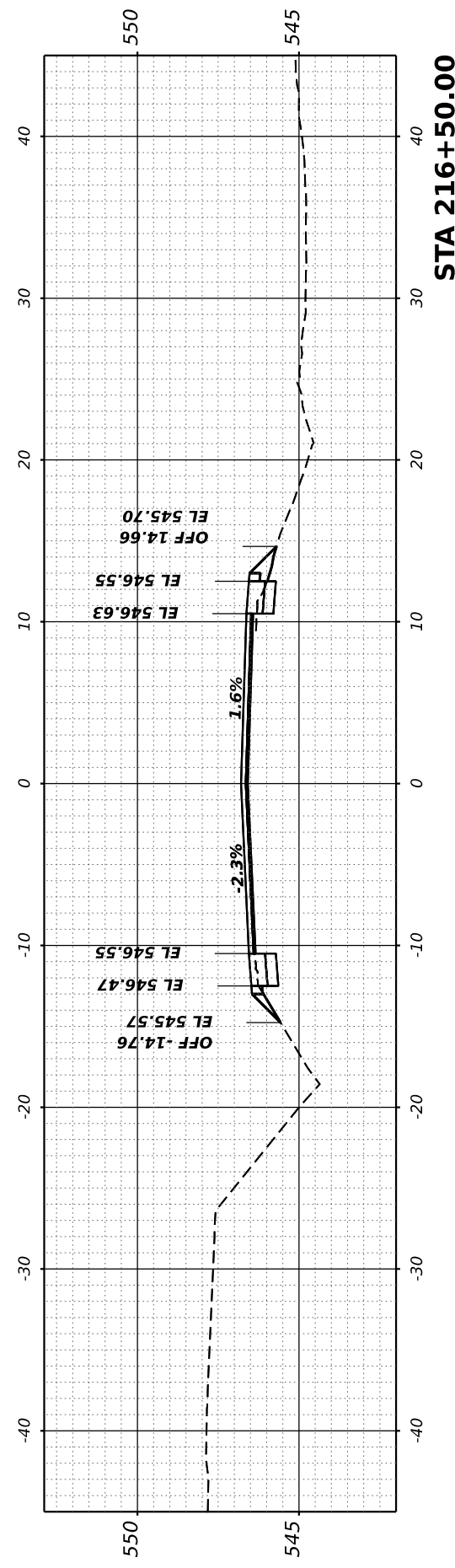
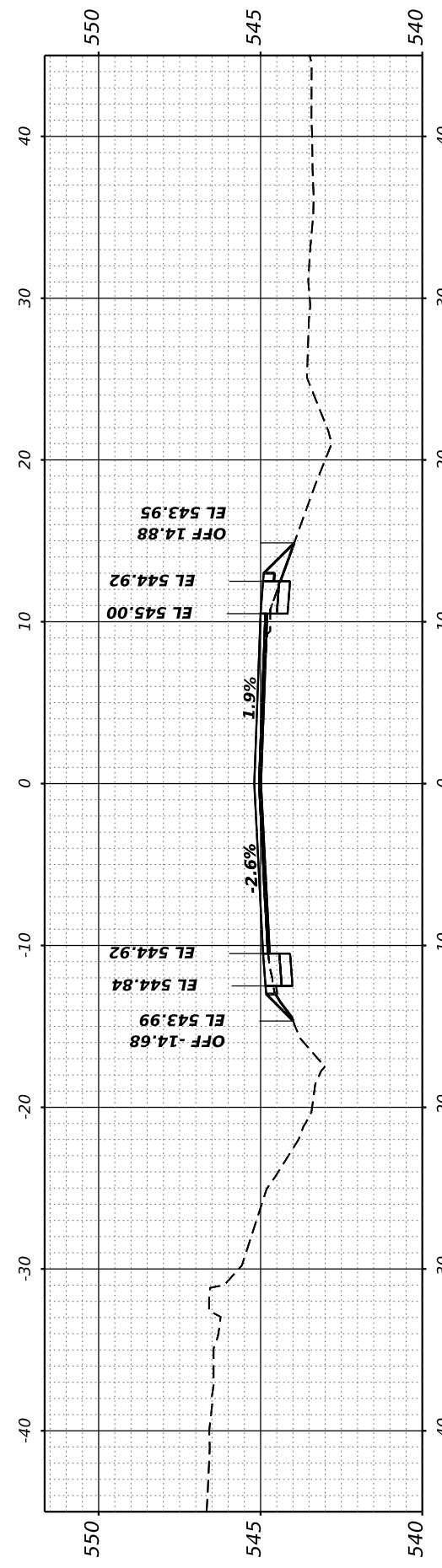
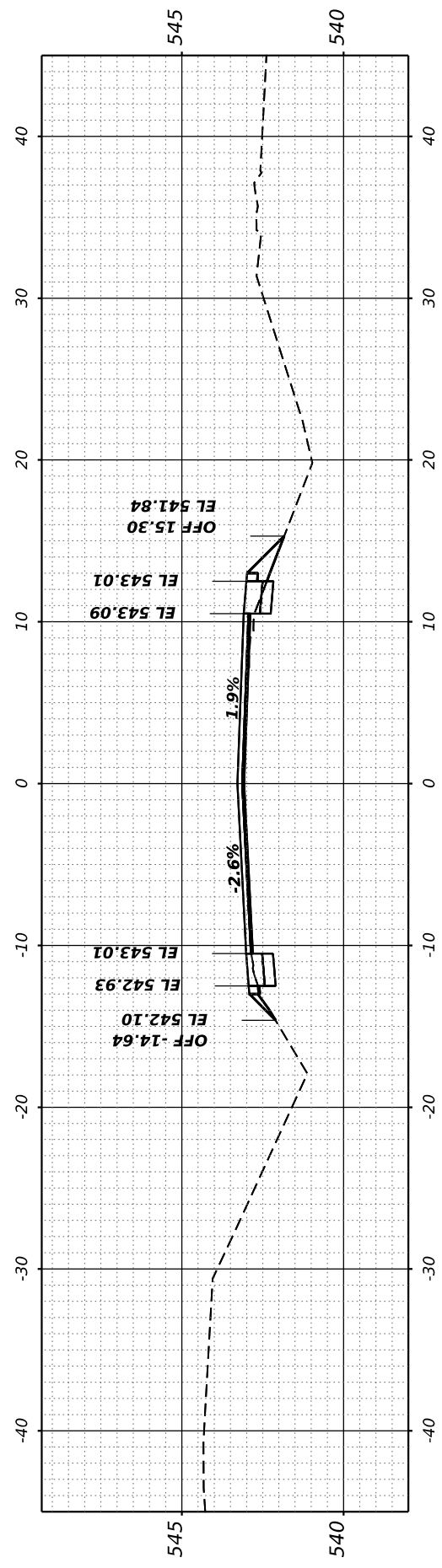
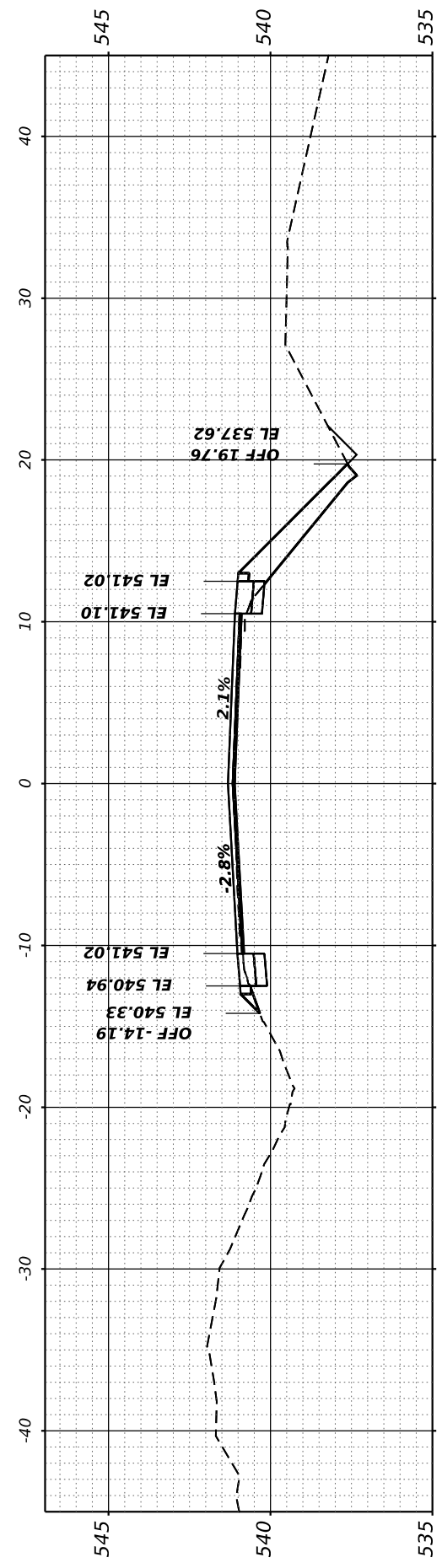
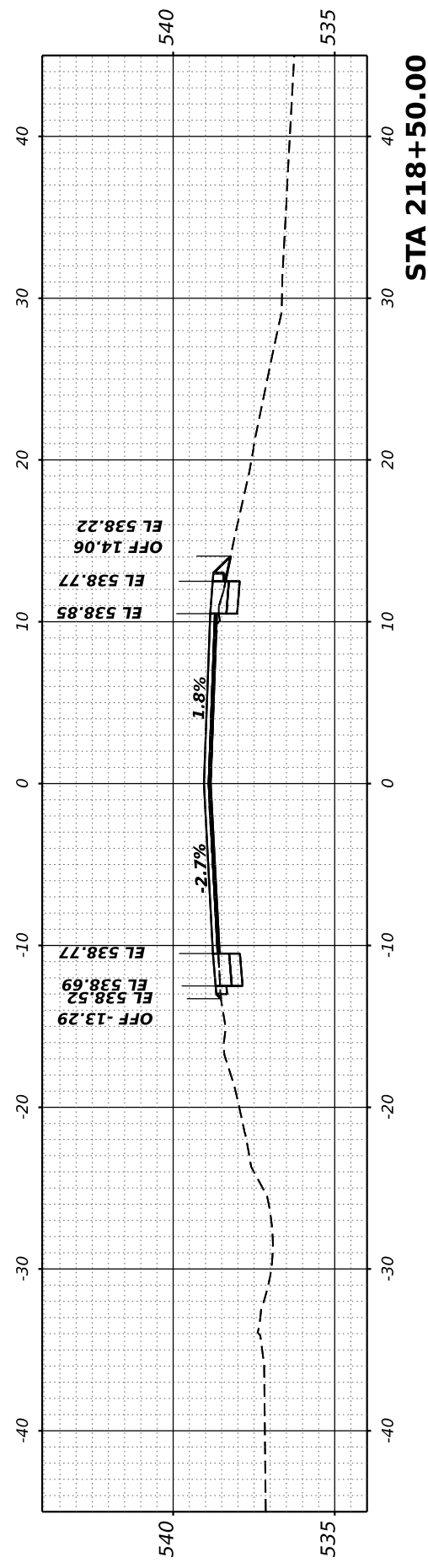
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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

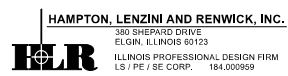
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826	21-00226-00-RS	JEFFERSON	239	90
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

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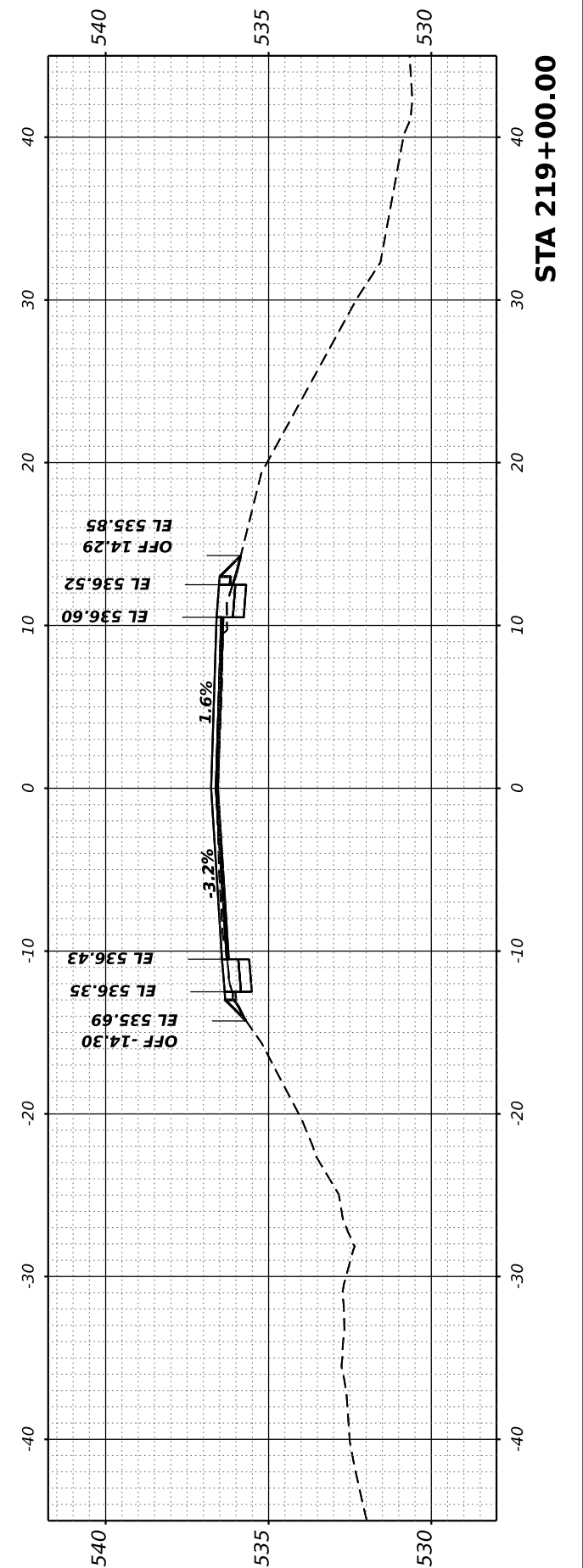
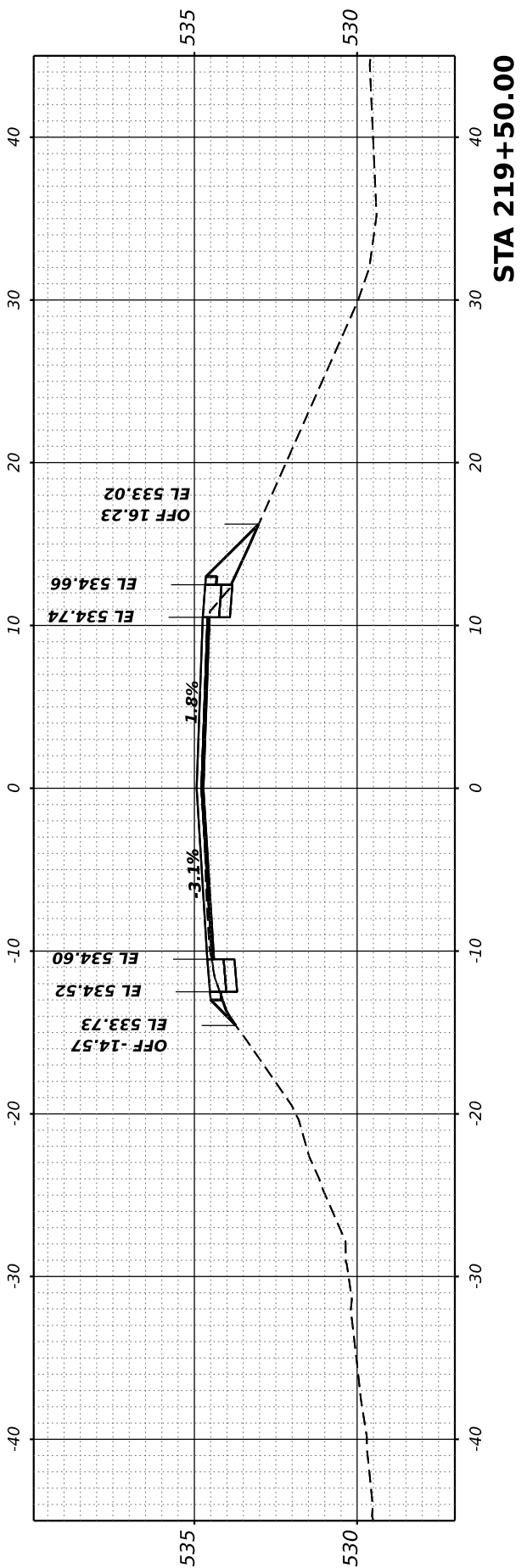
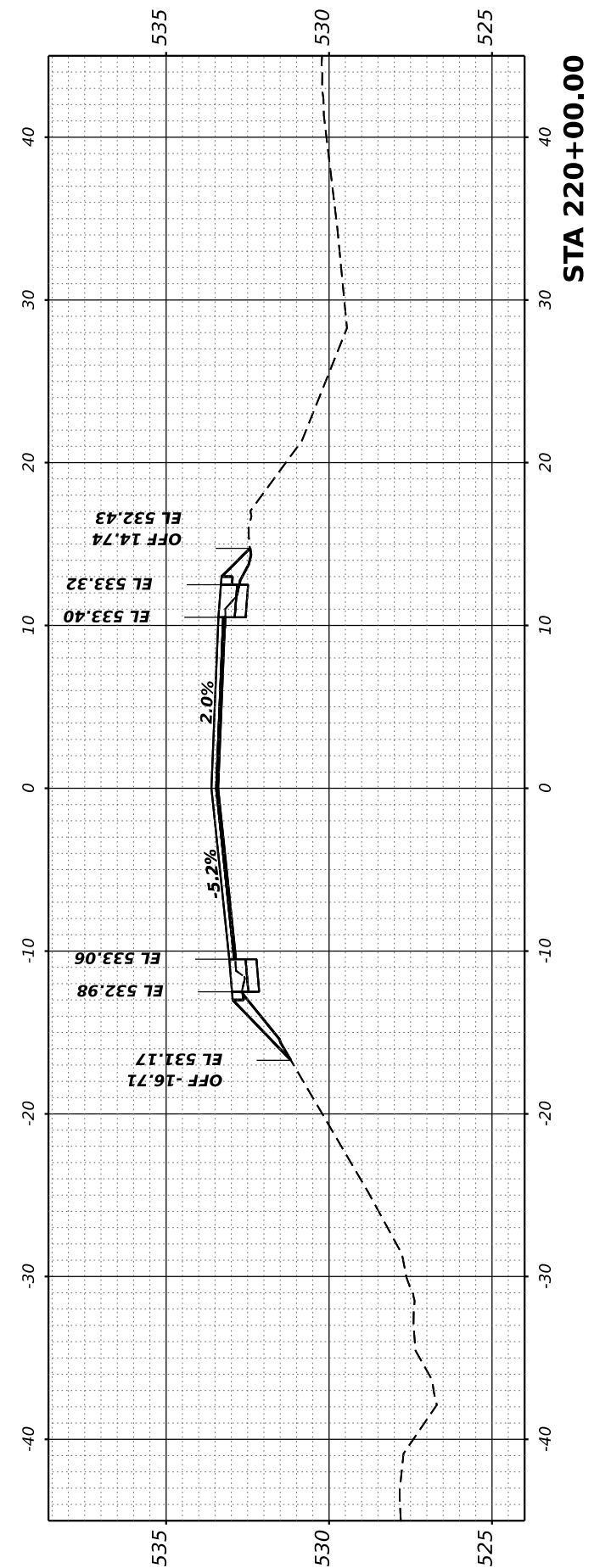
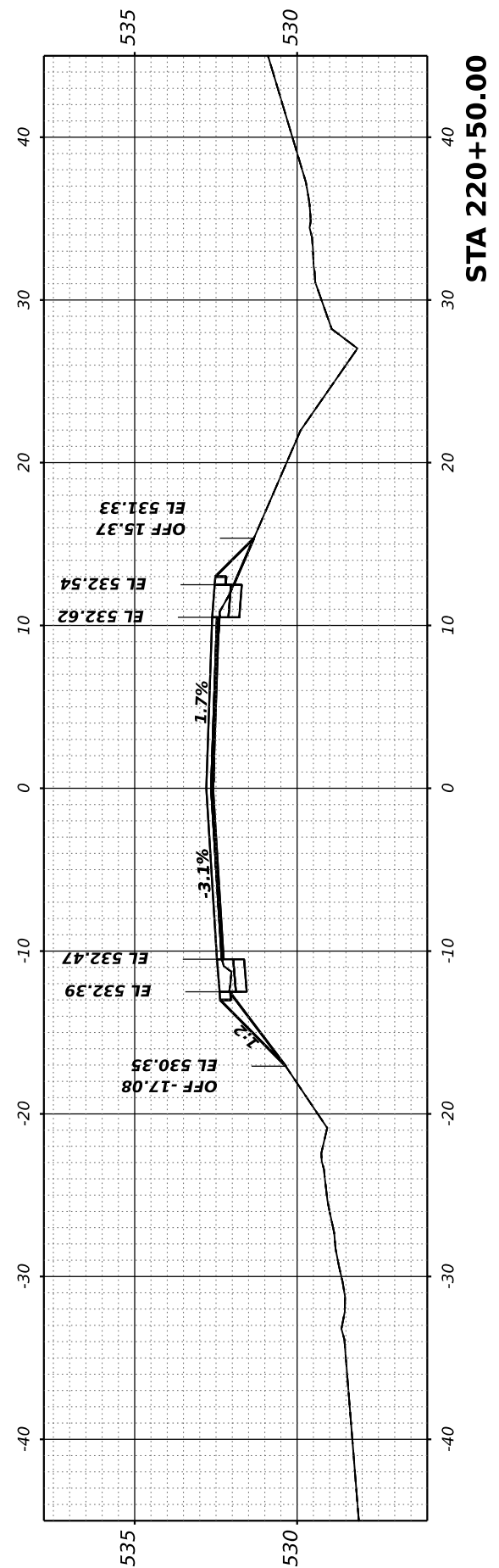


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PLOT DATE	= 7/7/2023	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD				
SCALE:	SHEET	OF	SHEETS	STA.

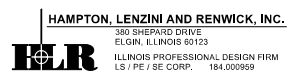
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826	21-00226-00-RS	JEFFERSON	239	91
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

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DATE	-

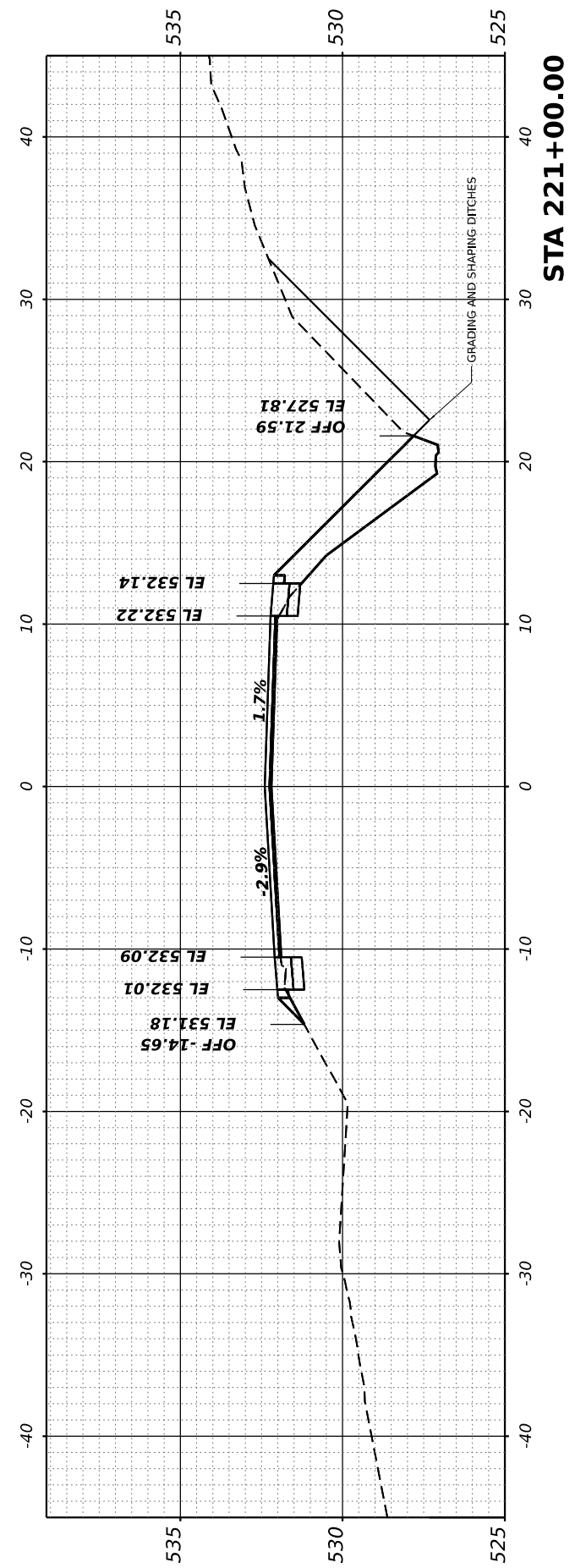
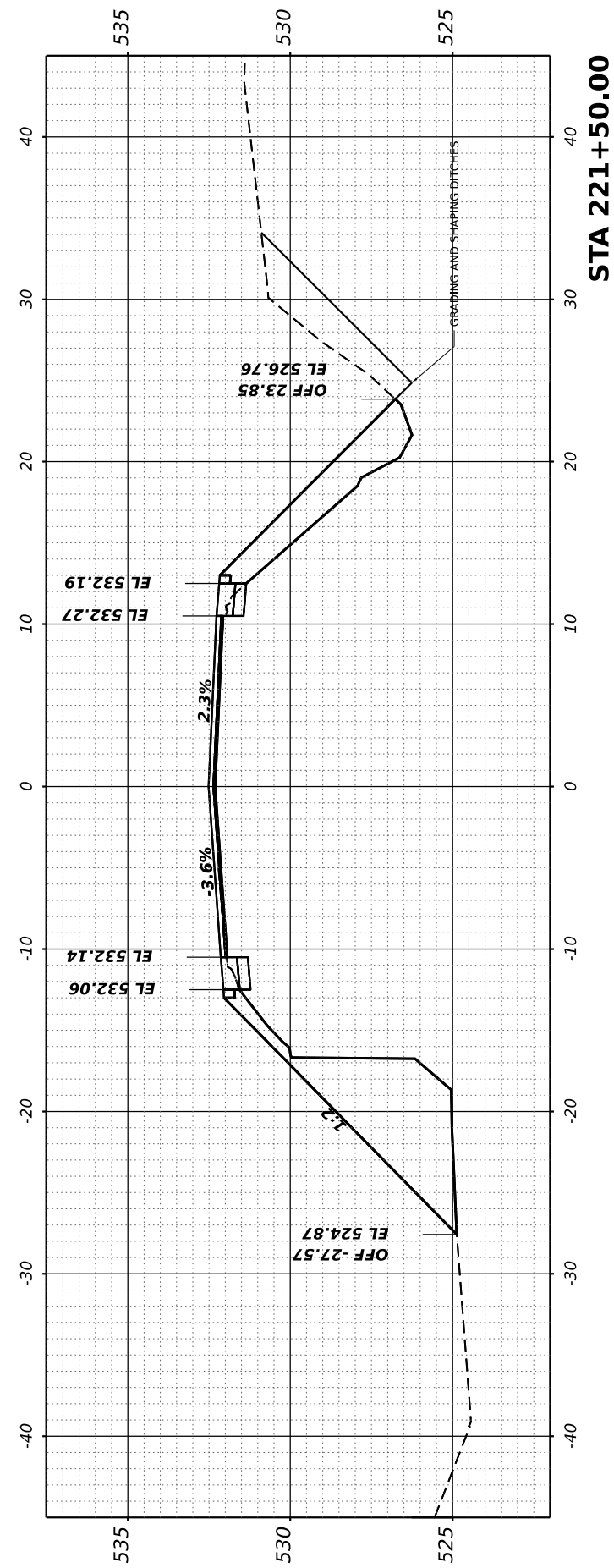
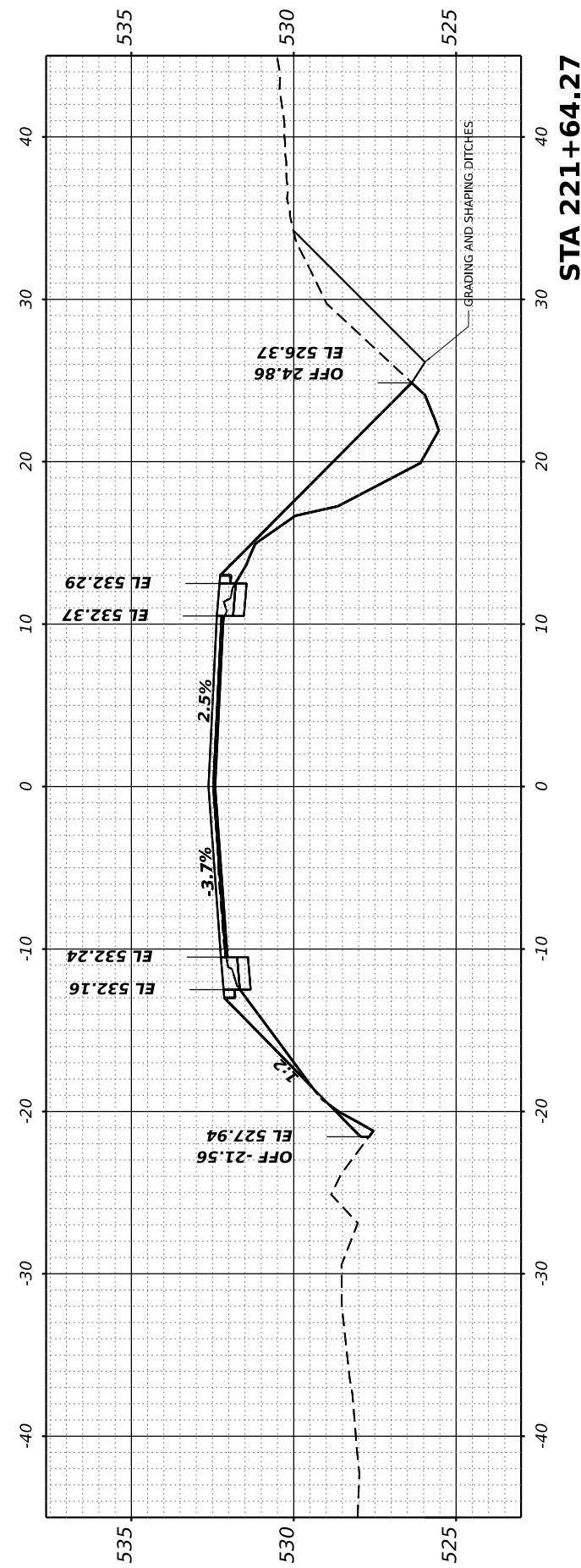
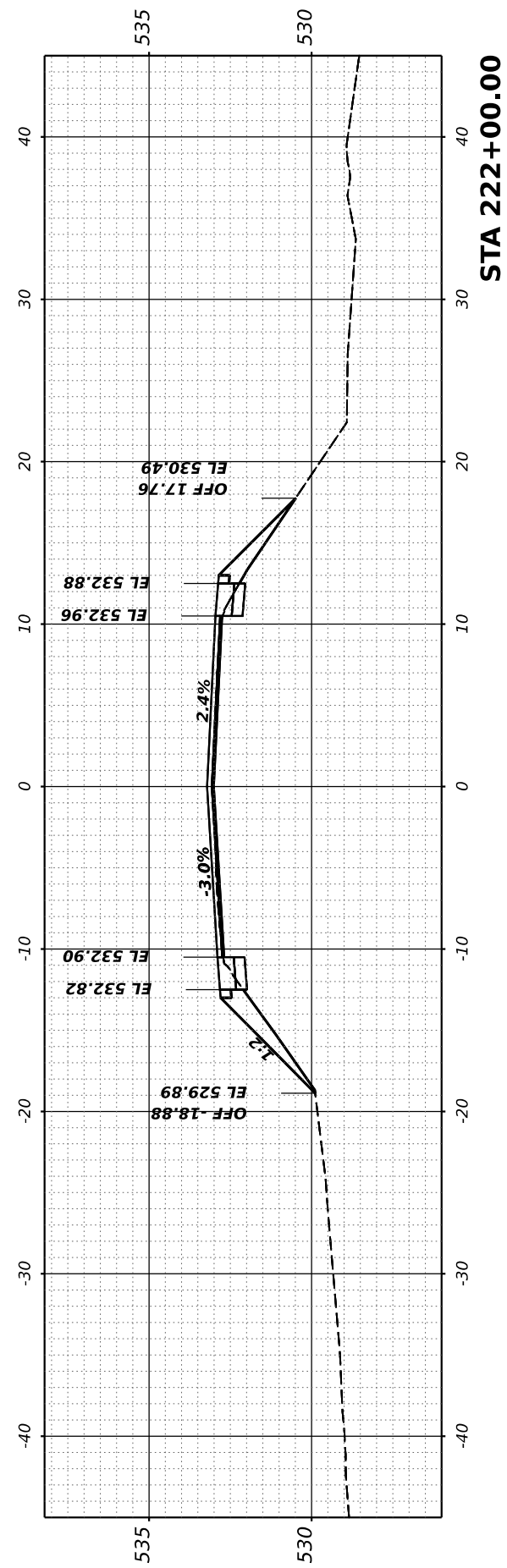
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

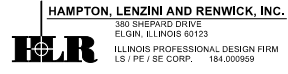
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	92
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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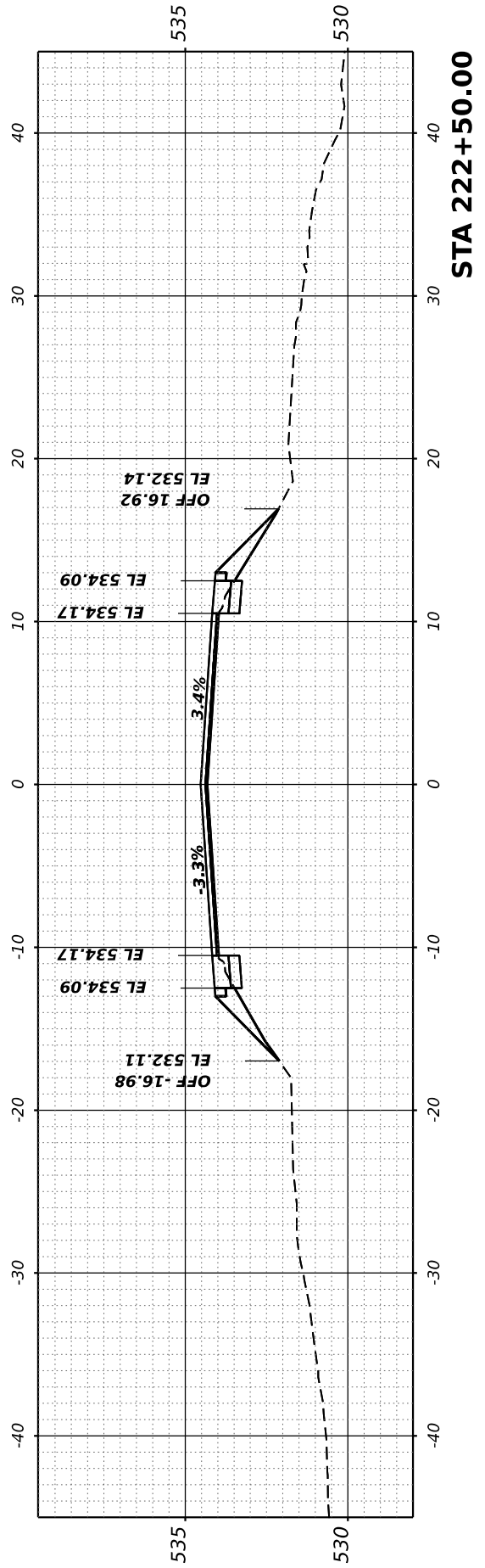
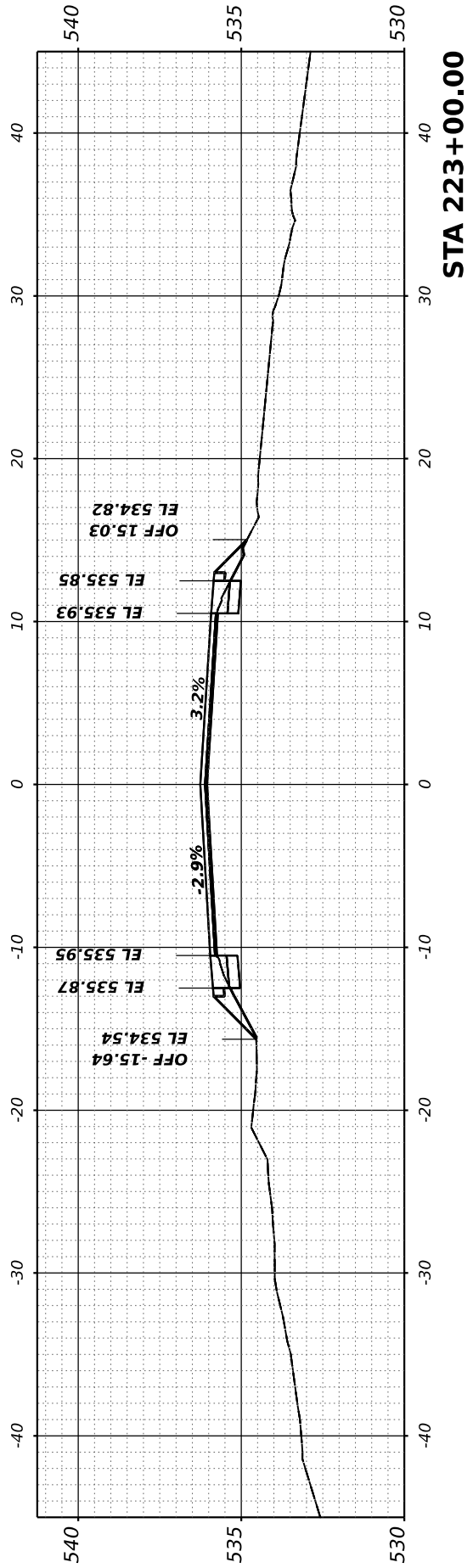
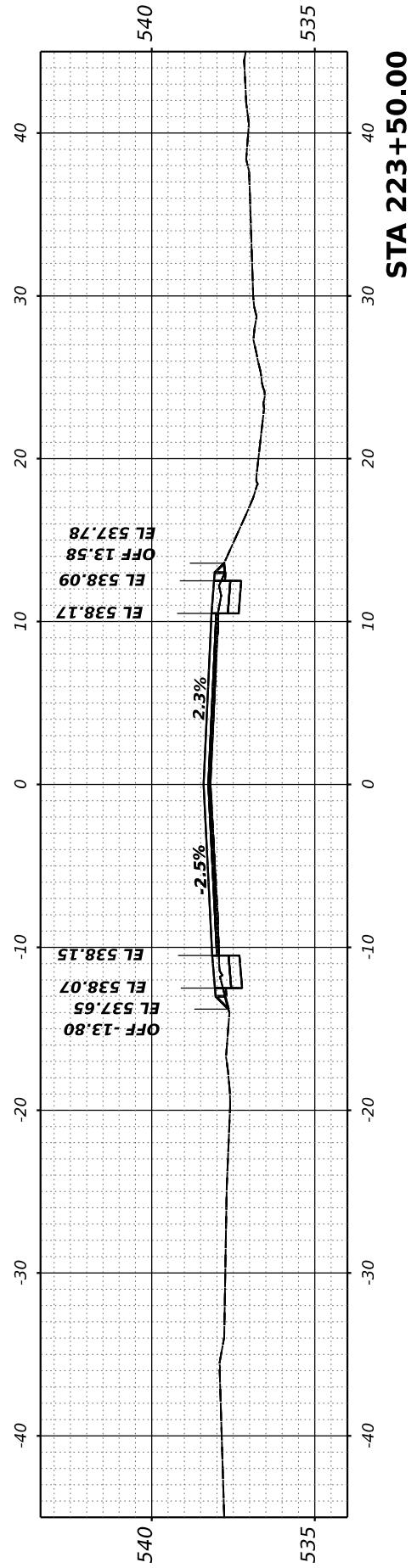
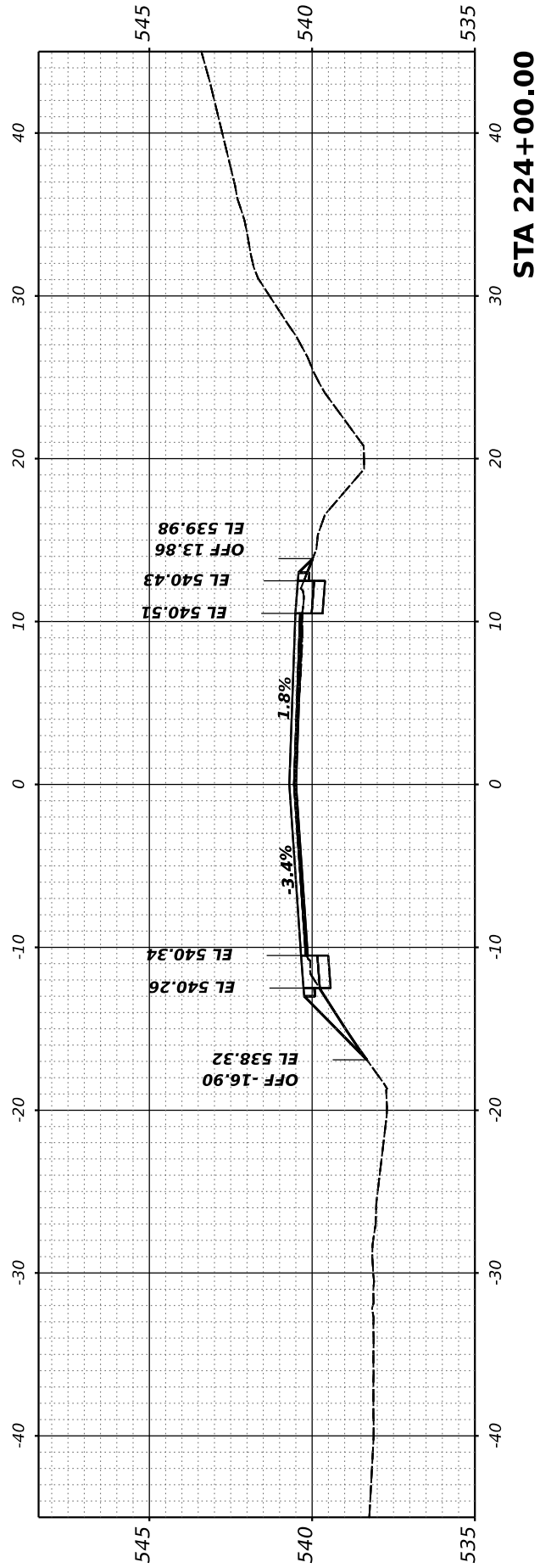
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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

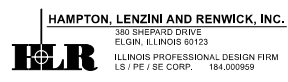
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	93
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Comdor-1 - 224+50.00 [Sheet]
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USER NAME	arietgler
PLOT SCALE	= 0.16666667 ' / in.
PLOT DATE	7/7/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

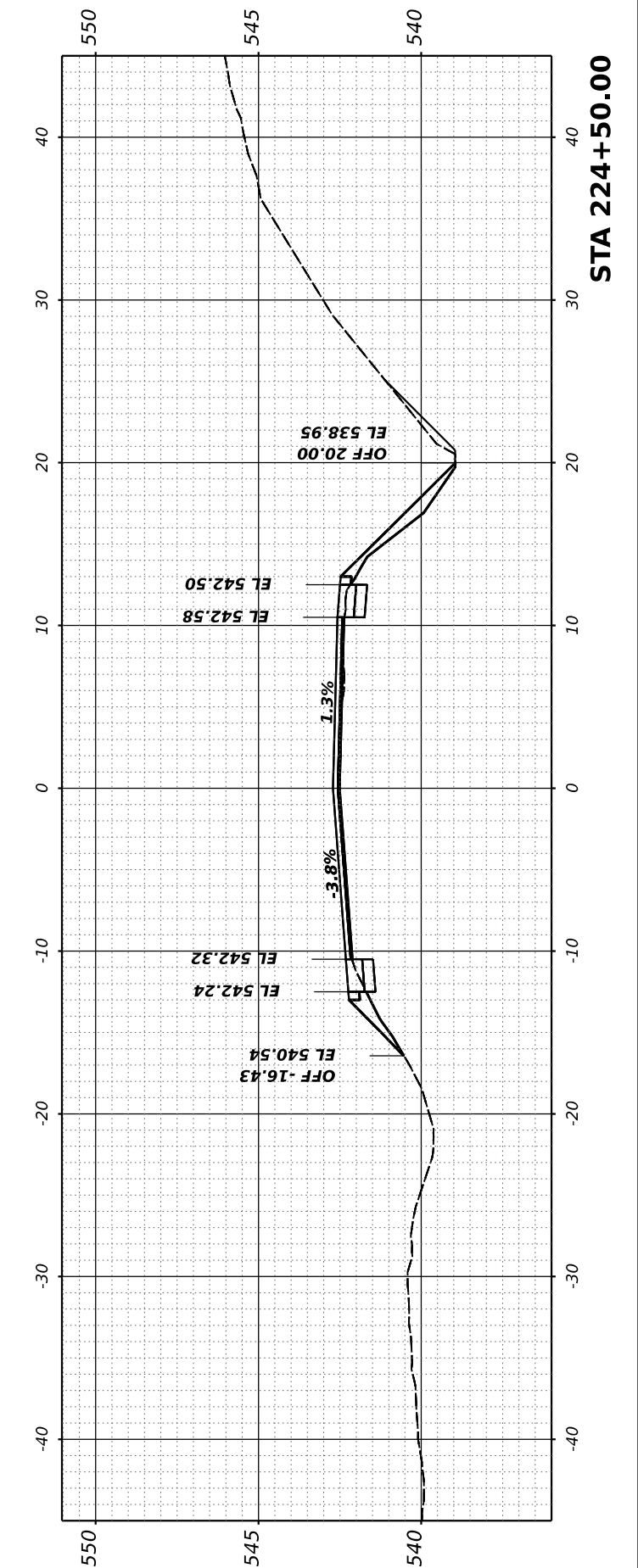
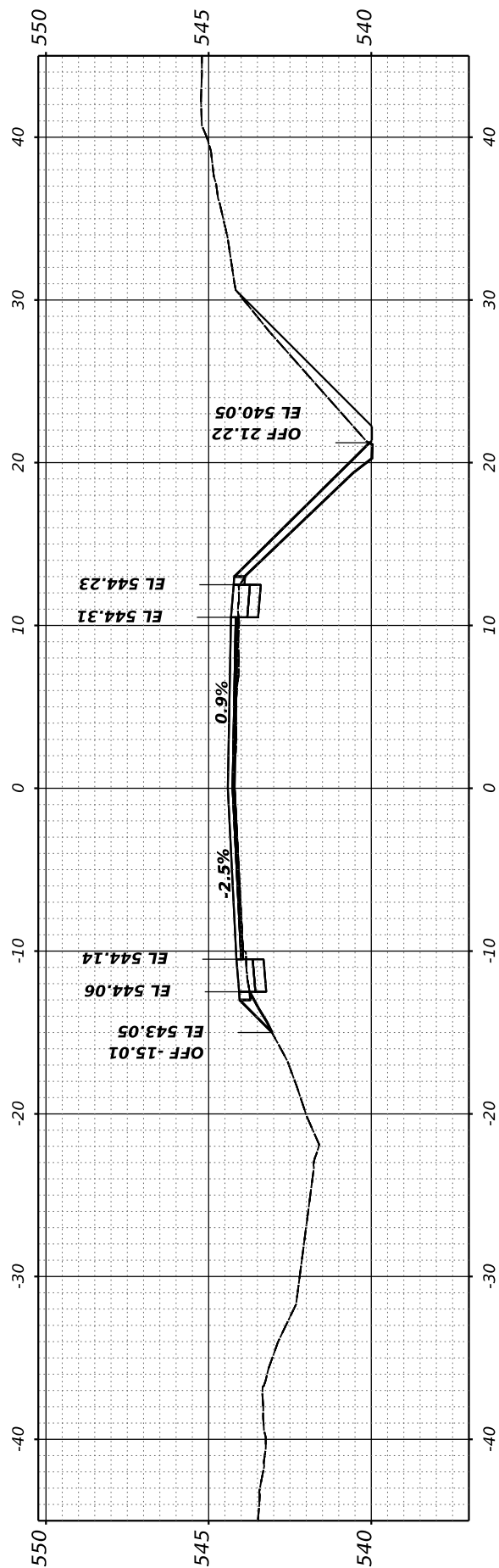
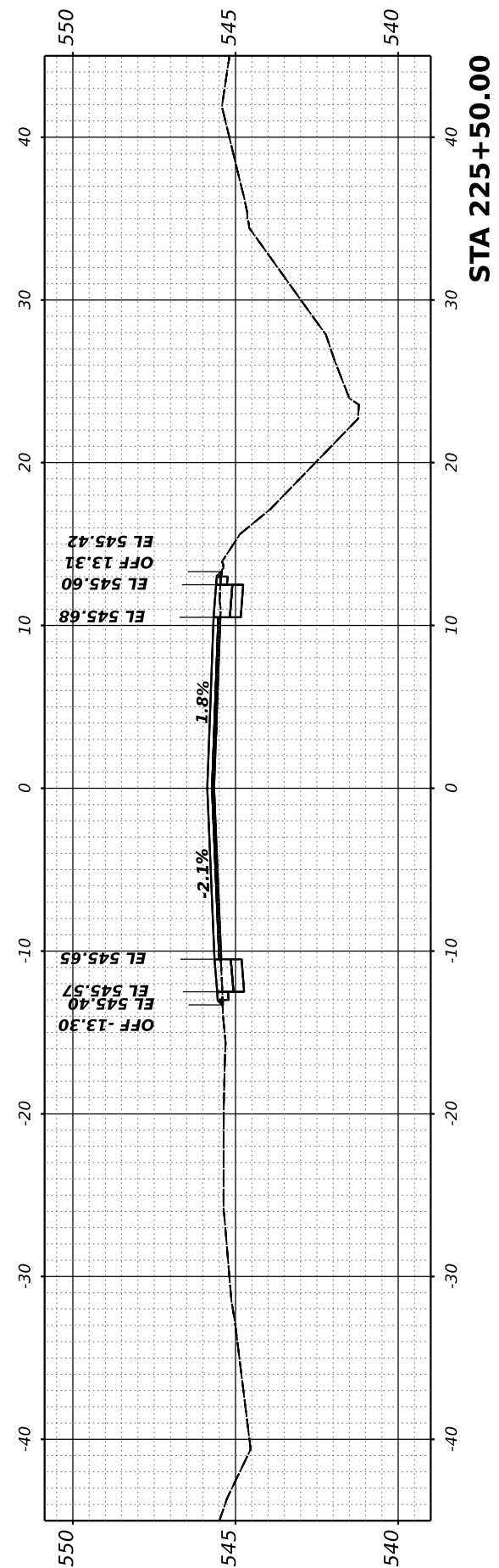
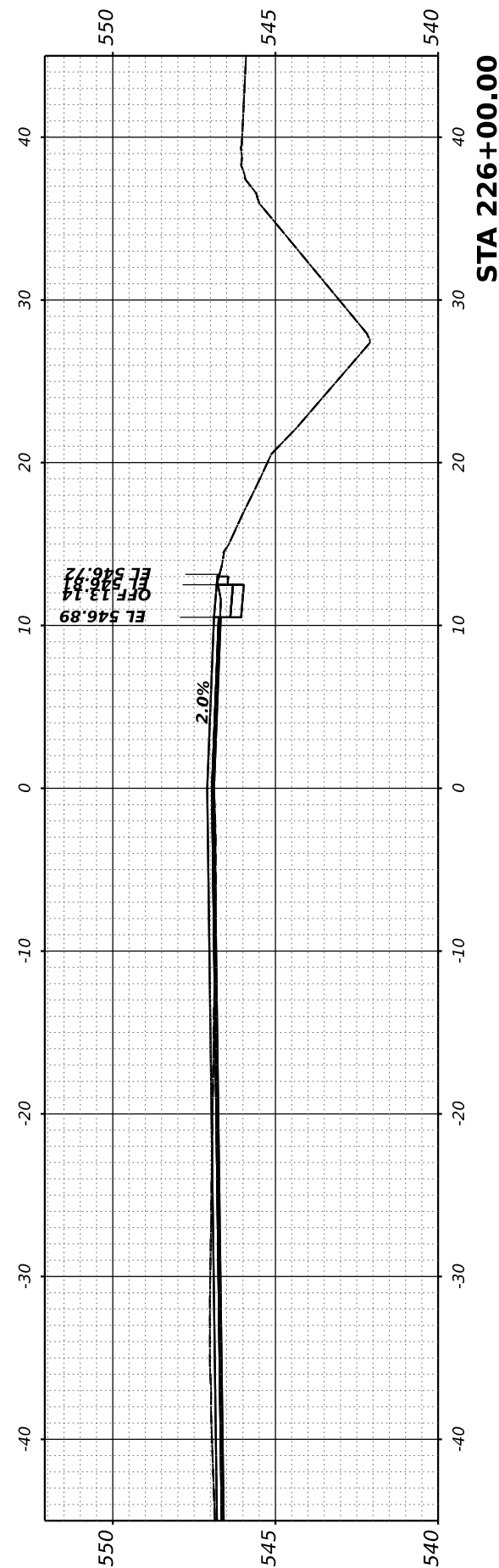
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

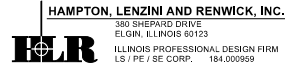
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	94
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Corridor-1 - 226+50.00 (Sheet)
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PLOT DATE	= 7/7/2023

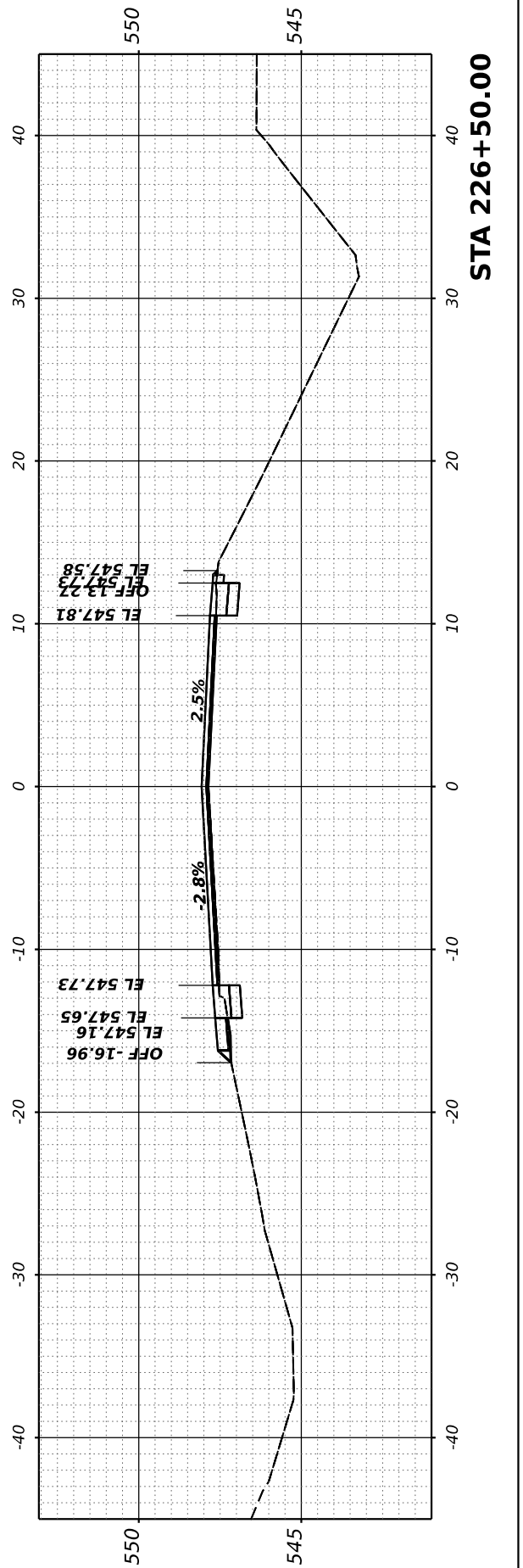
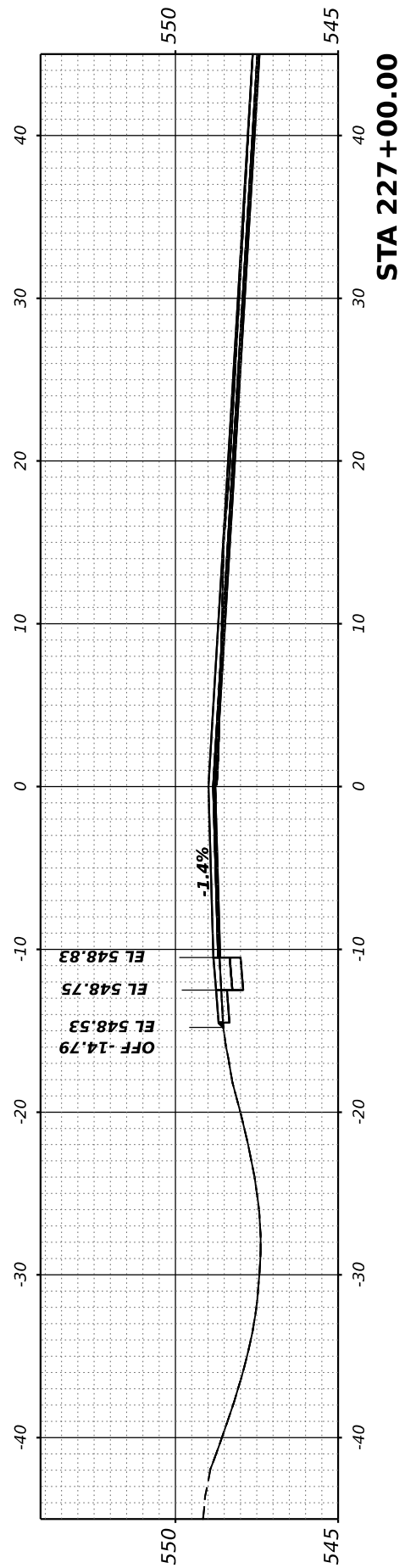
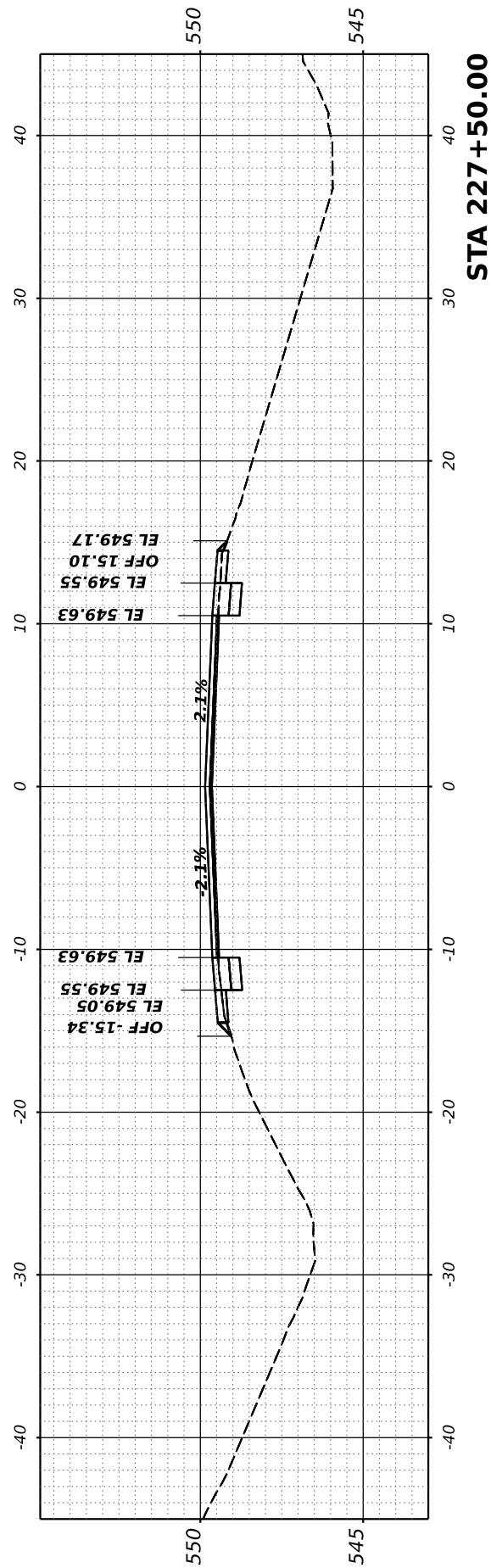
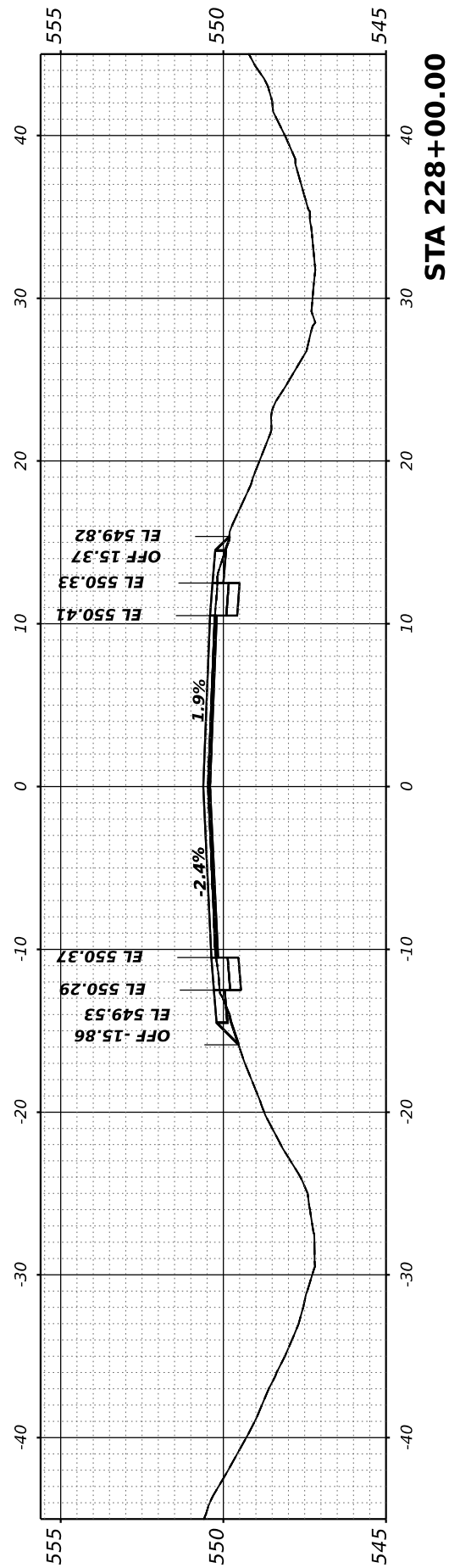
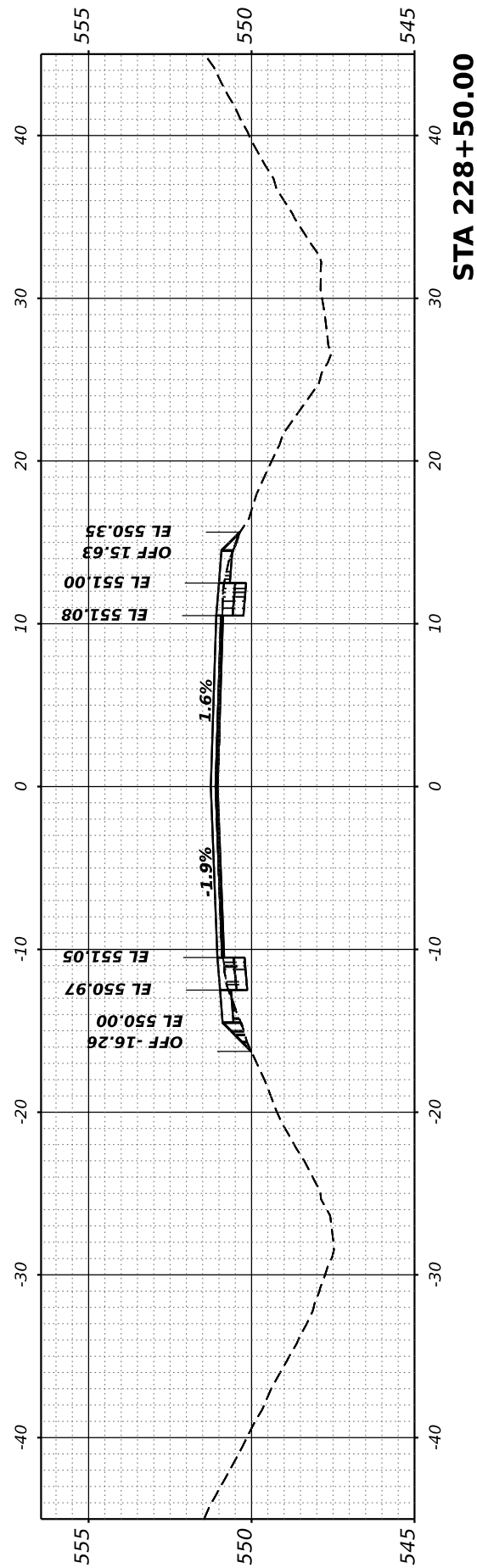
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DATE -	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

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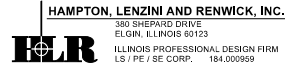
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	95
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT DATE	= 7/7/2023

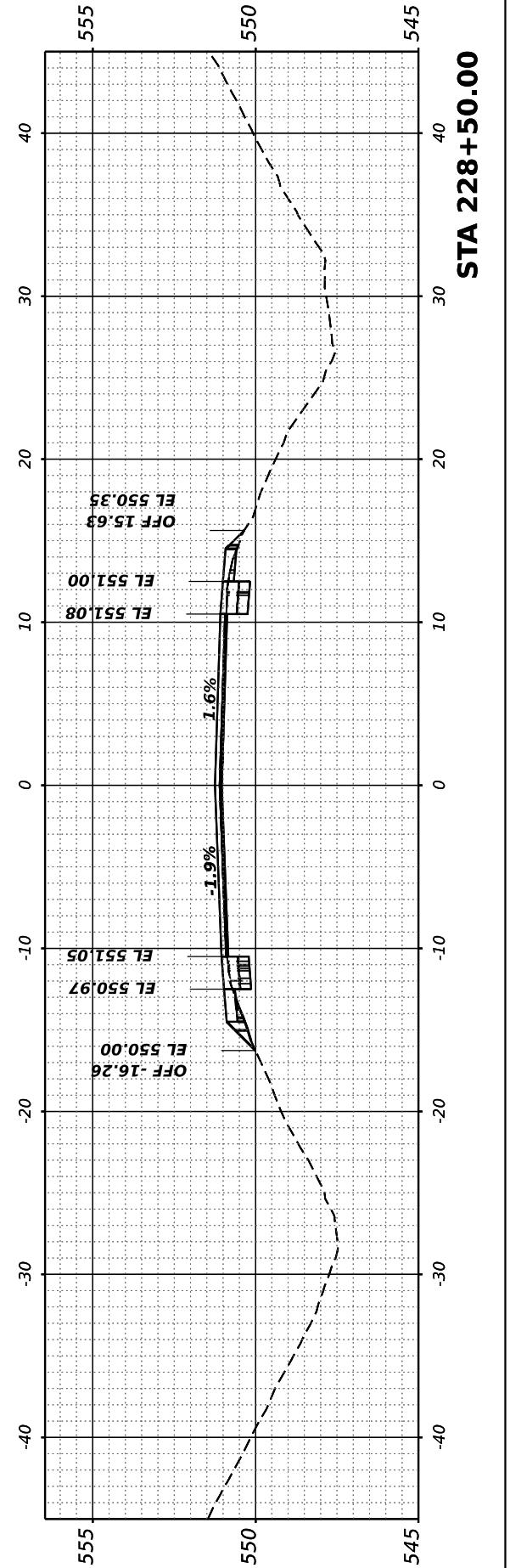
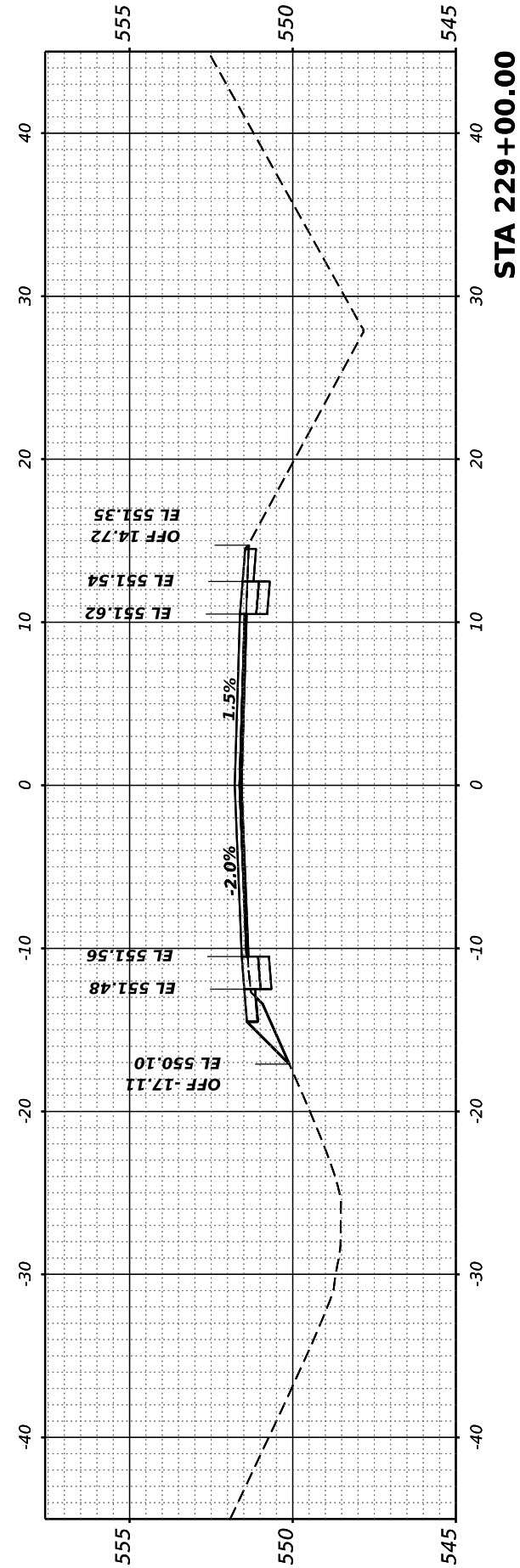
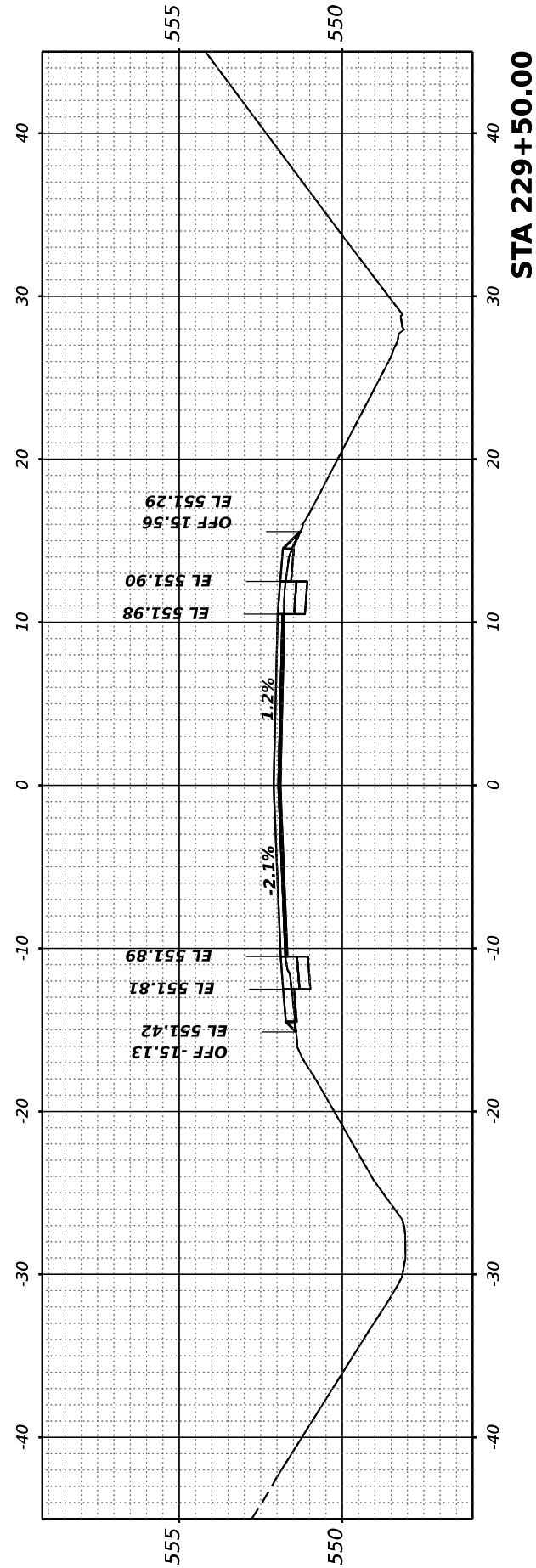
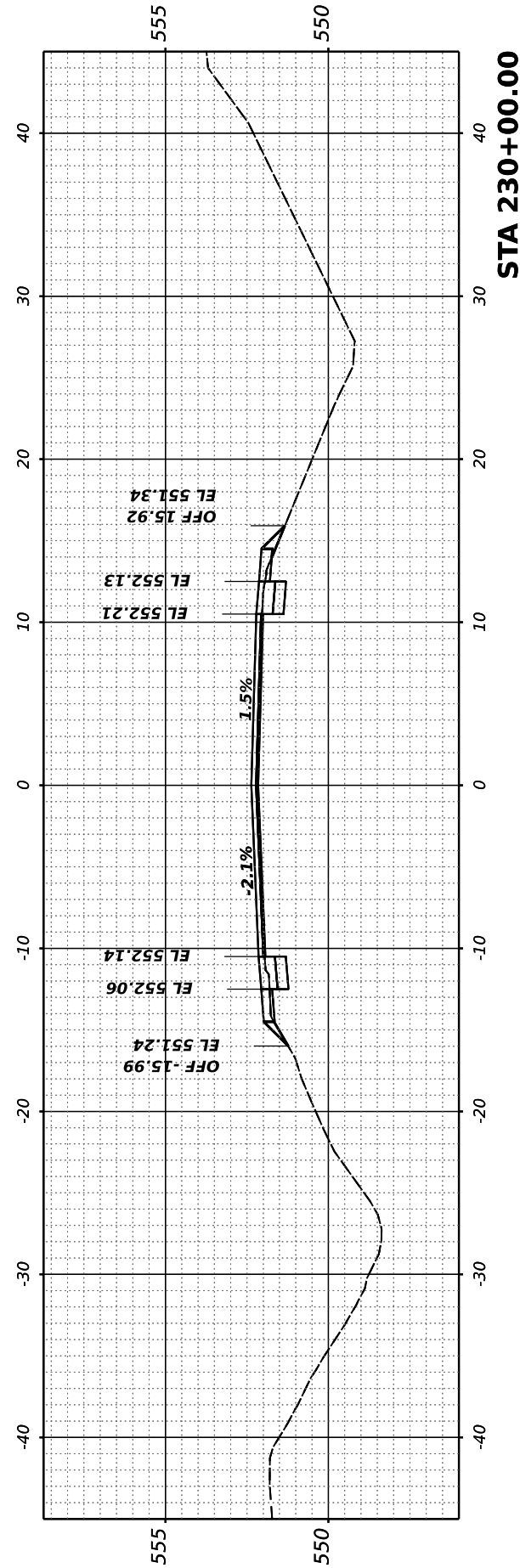
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DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

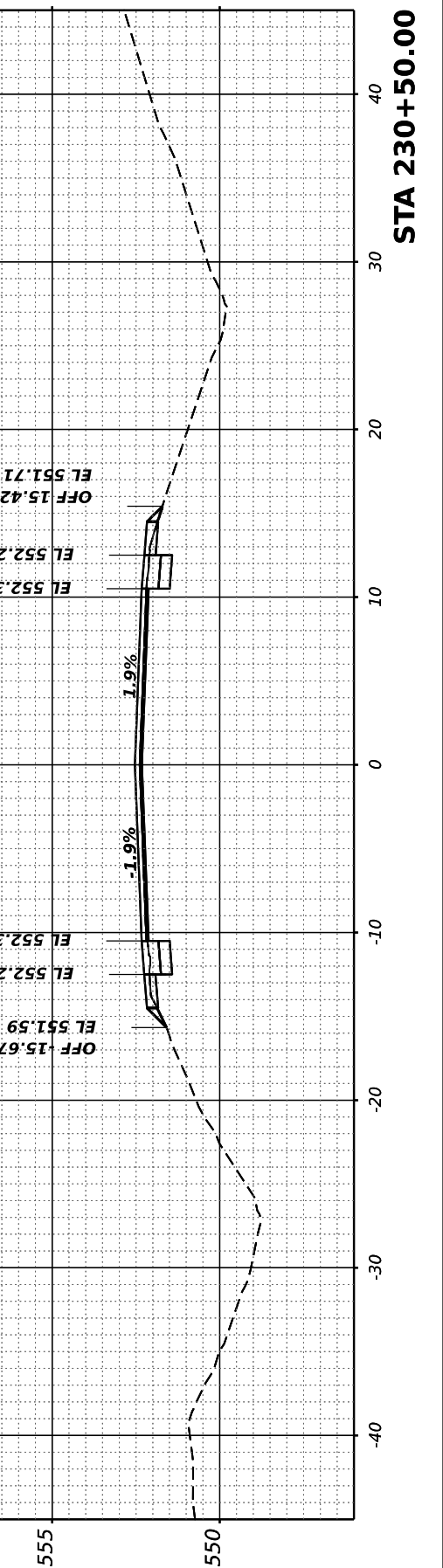
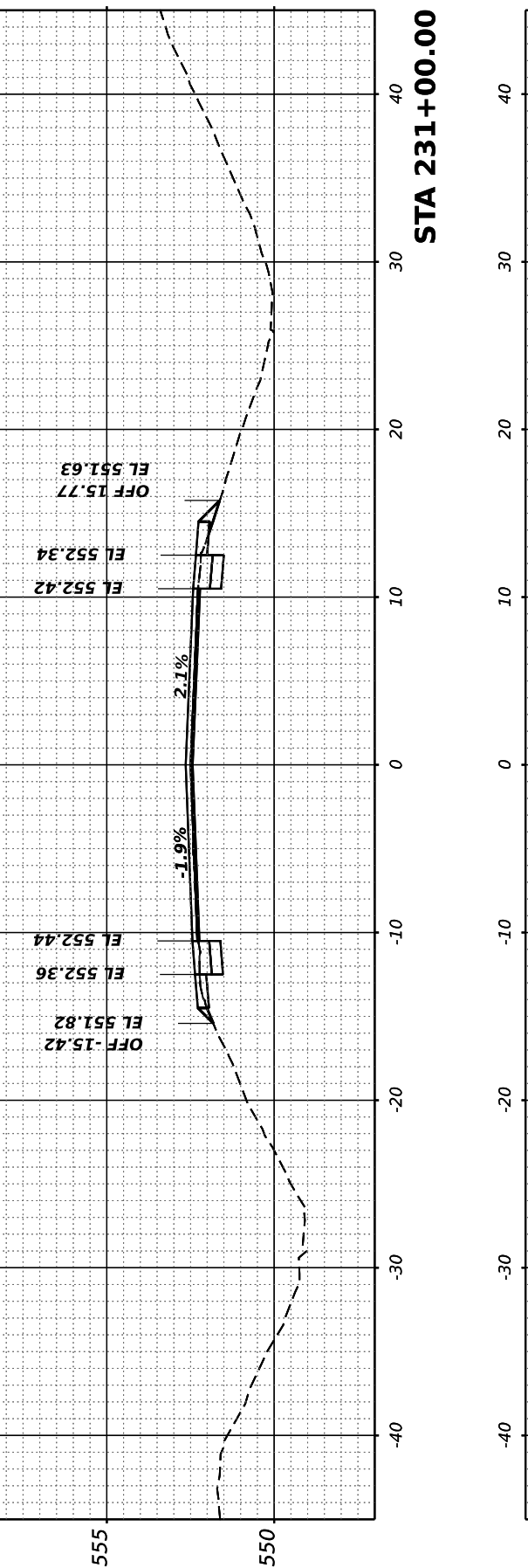
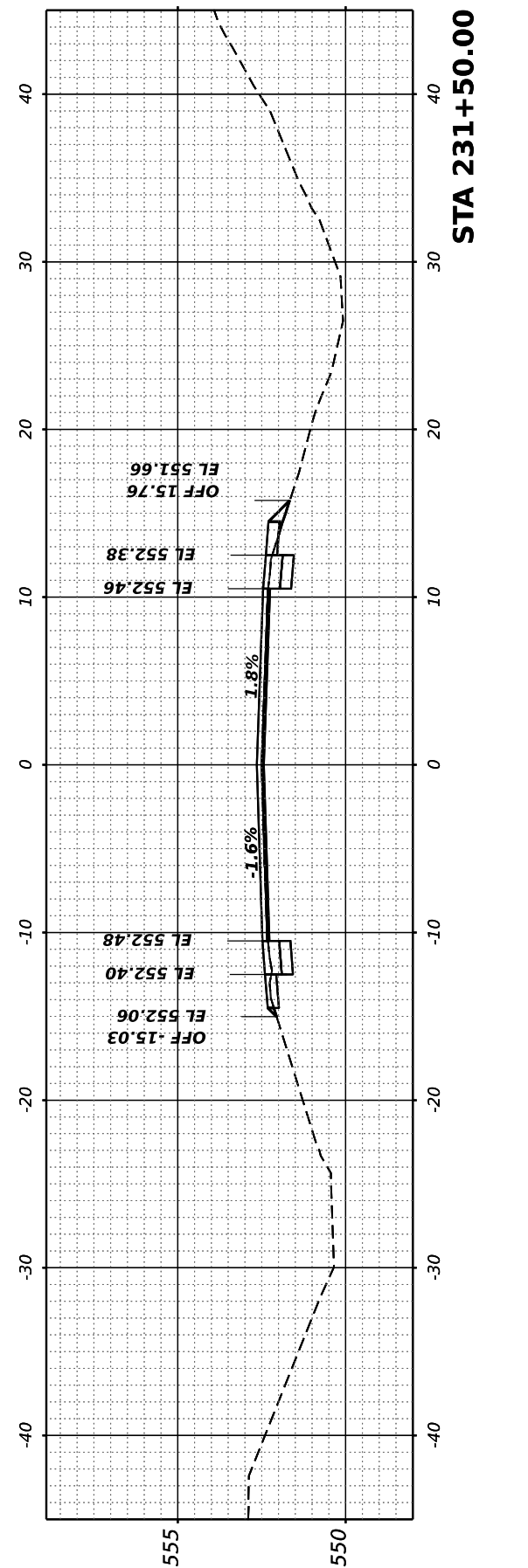
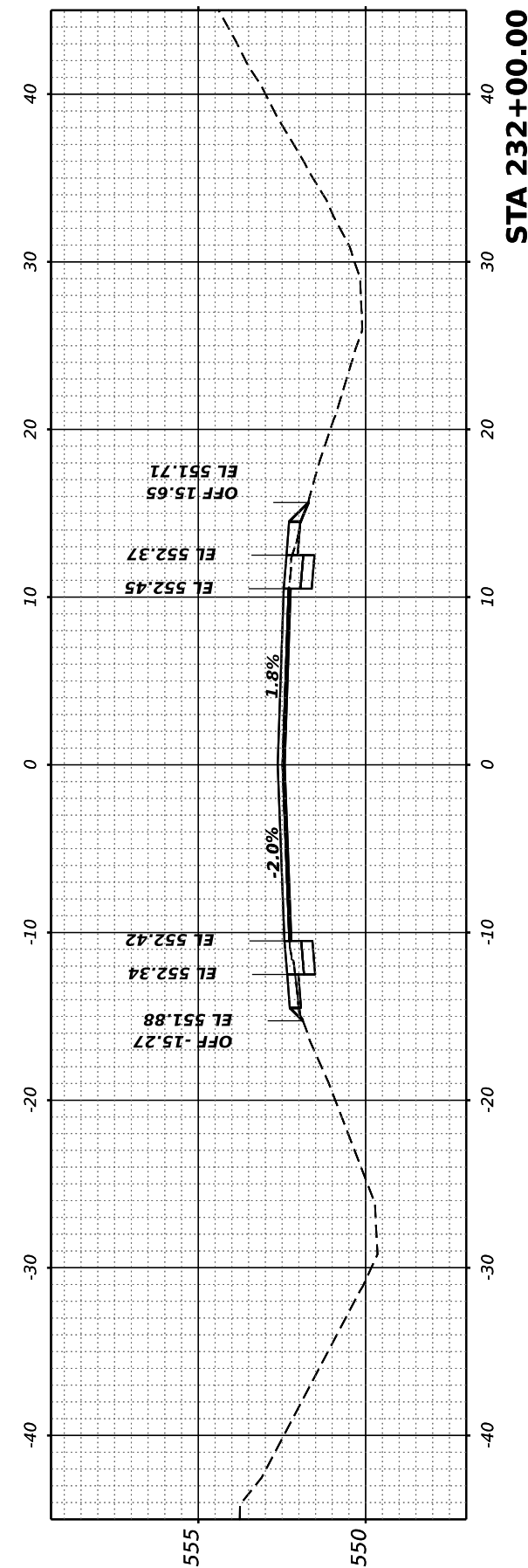
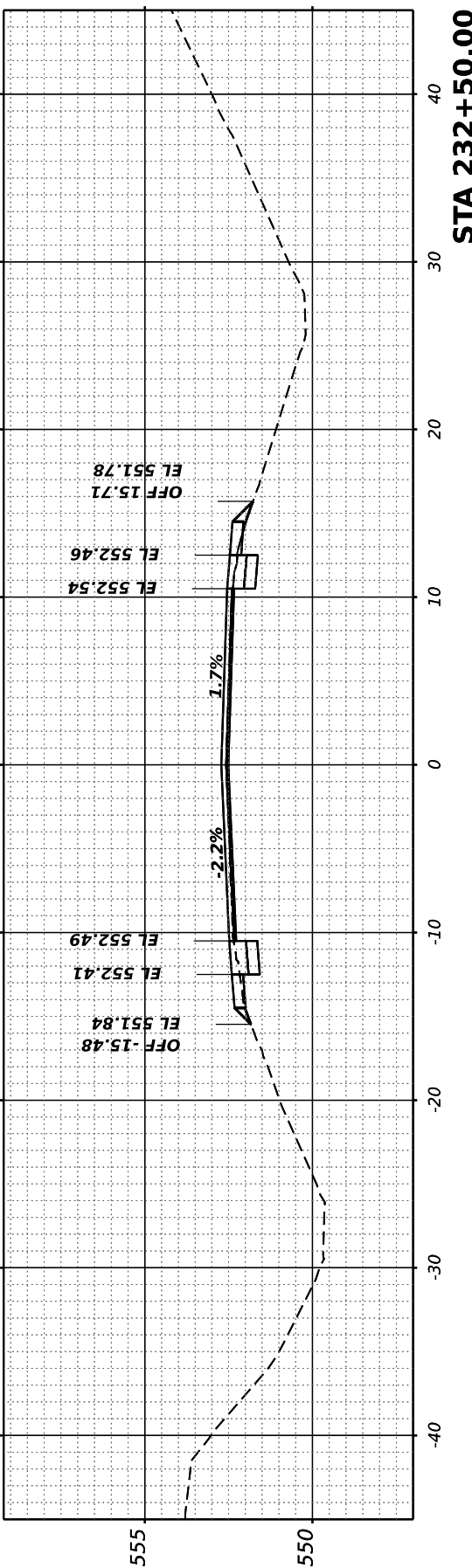
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	96
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Corridor2 - 230+50.00 (Sheet)
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HAMPTON, LENZINI AND RENWICK, INC.
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LS / FE / SE CORP. 184.000959

USER NAME	arietgler
PLOT SCALE	0.16666667 / in.
PLOT DATE	7/7/2023

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

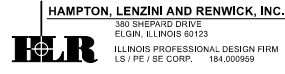
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SCALE:	SHEET	OF	SHEETS	STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	97
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME	ariegler
PLOT SCALE	= 0.16666667 / in.
PLOT DATE	= 7/7/2023

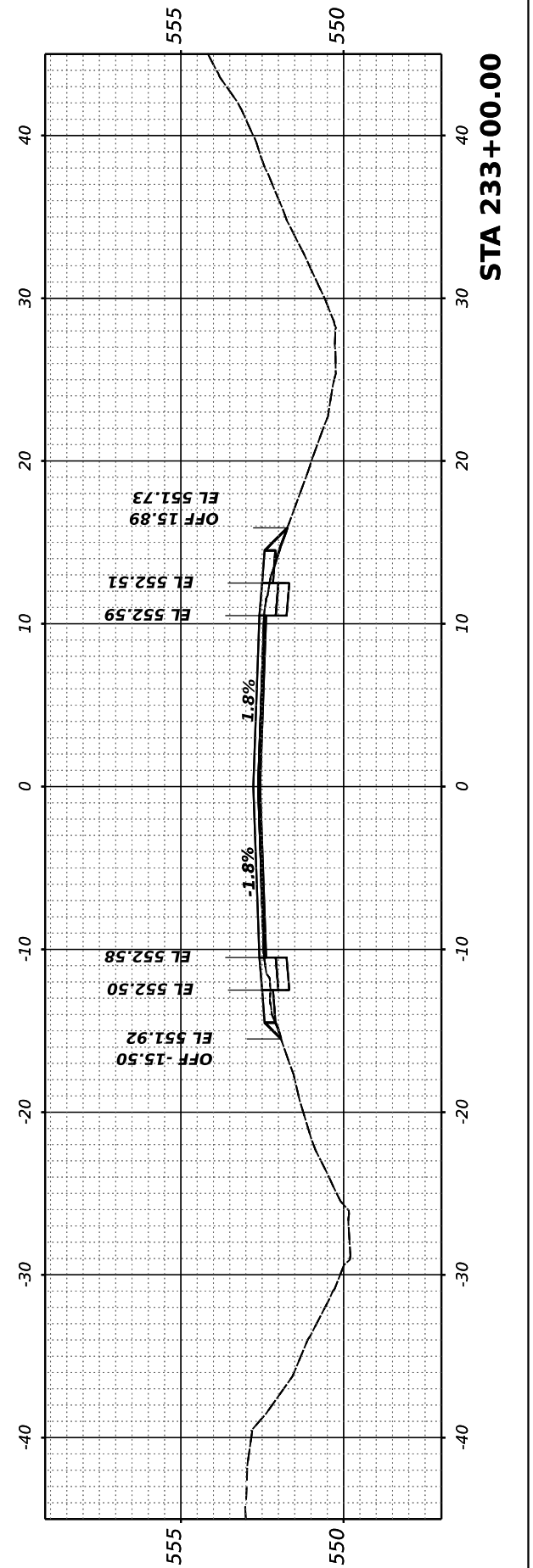
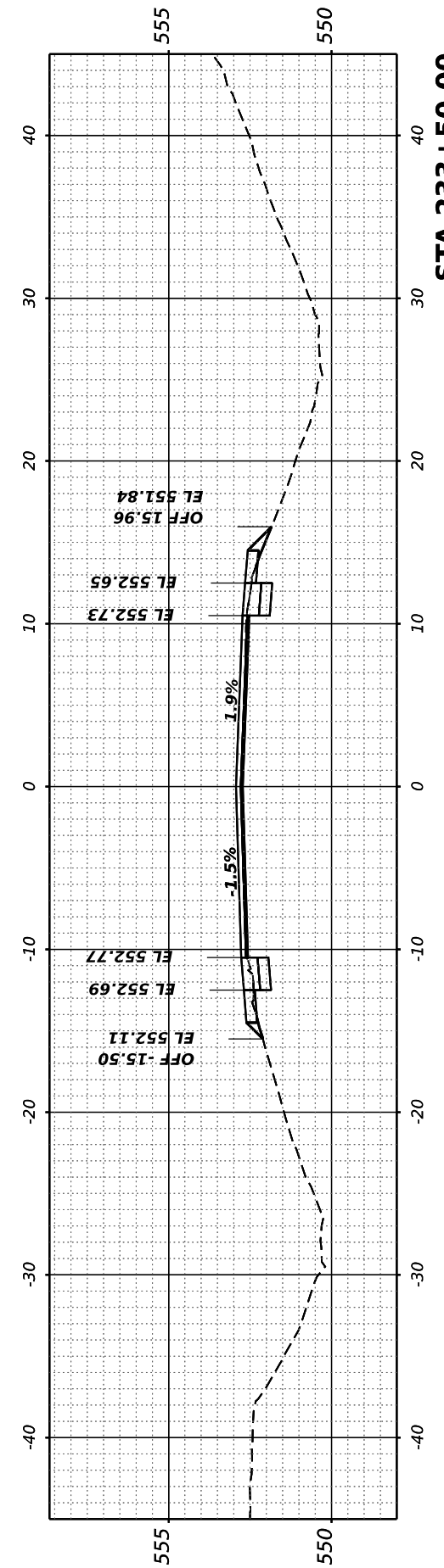
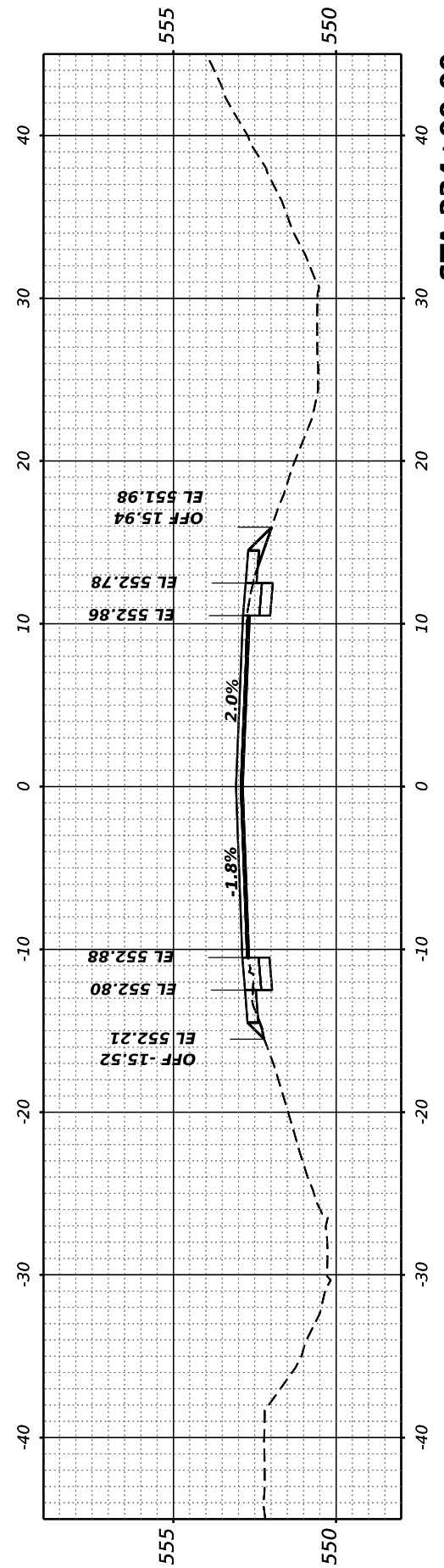
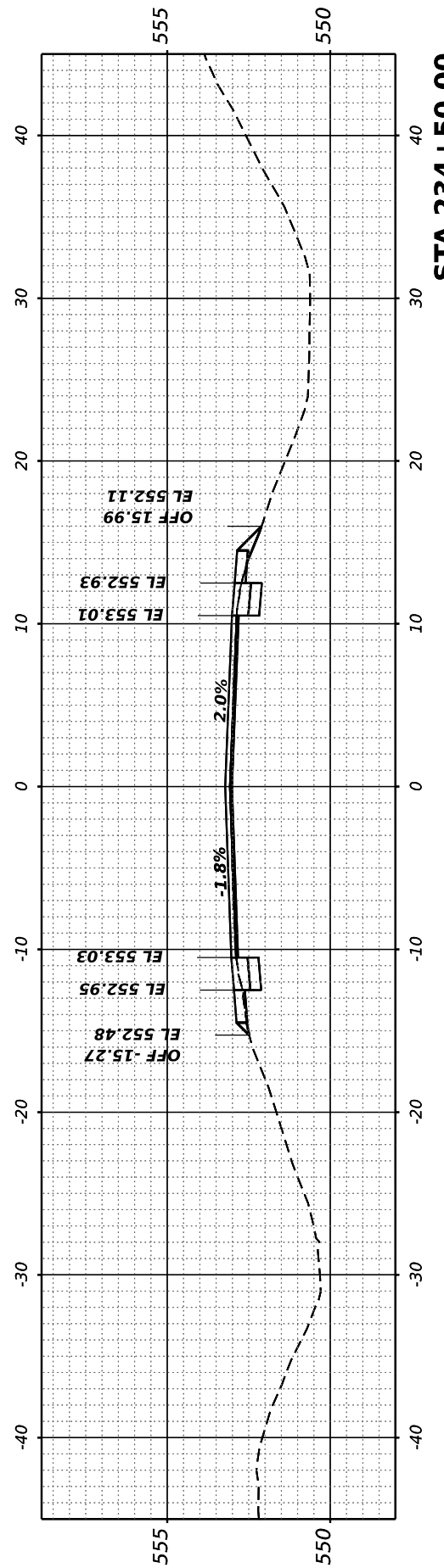
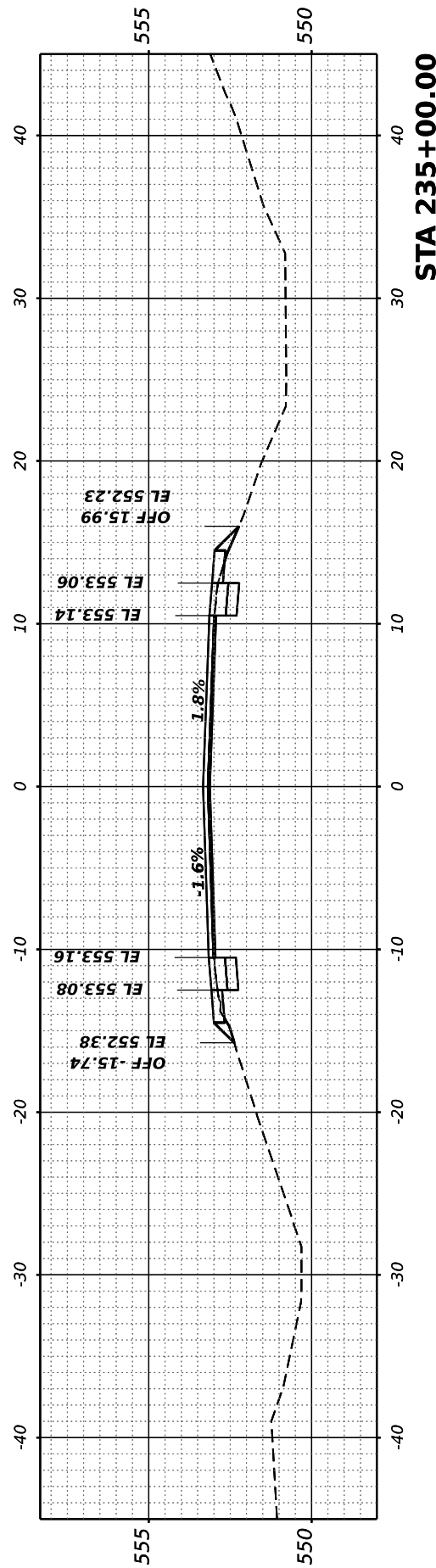
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DATE	-	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

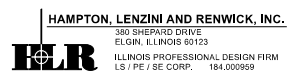
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	98
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



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

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

MODEL: Corridor2 - 235+50.00 (Sheet)
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PLOT SCALE	= 0.16666667 / in.
PLOT DATE	= 7/7/2023

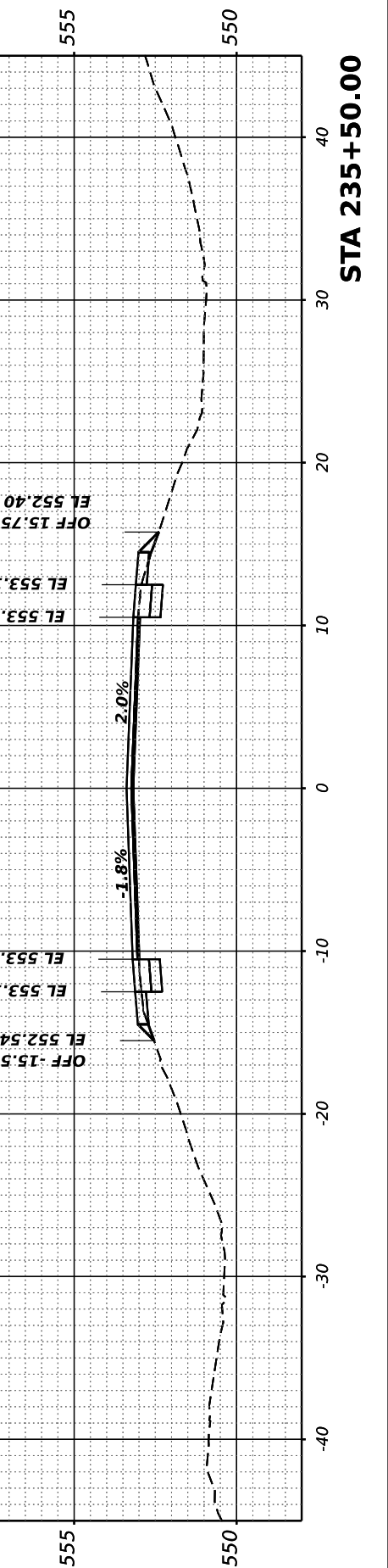
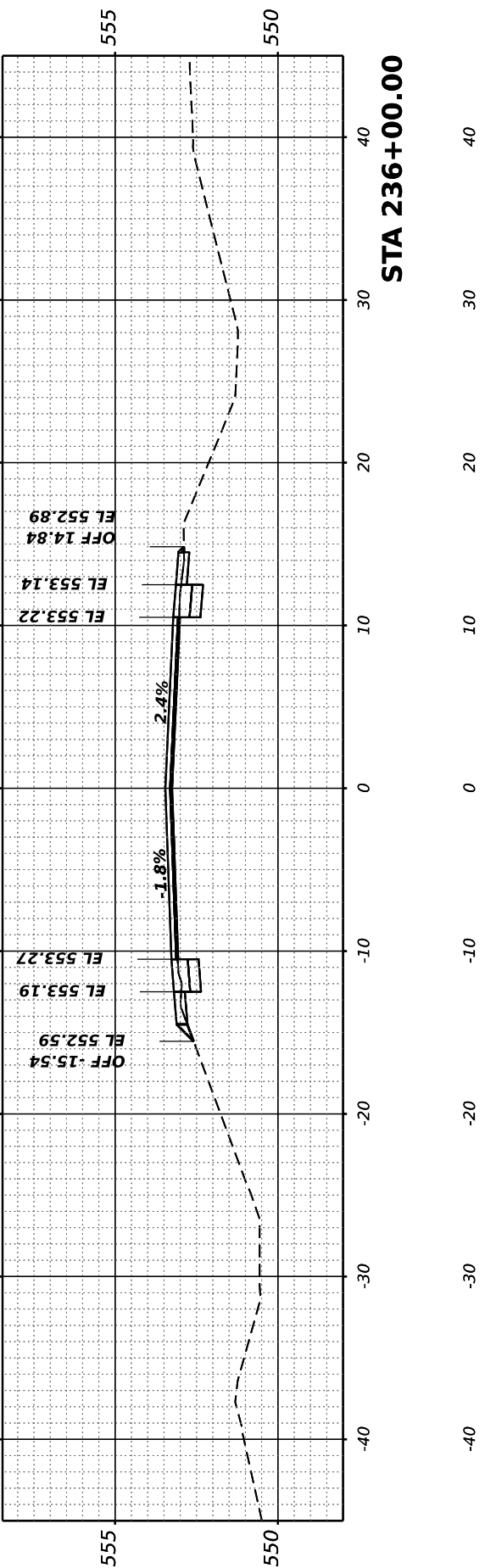
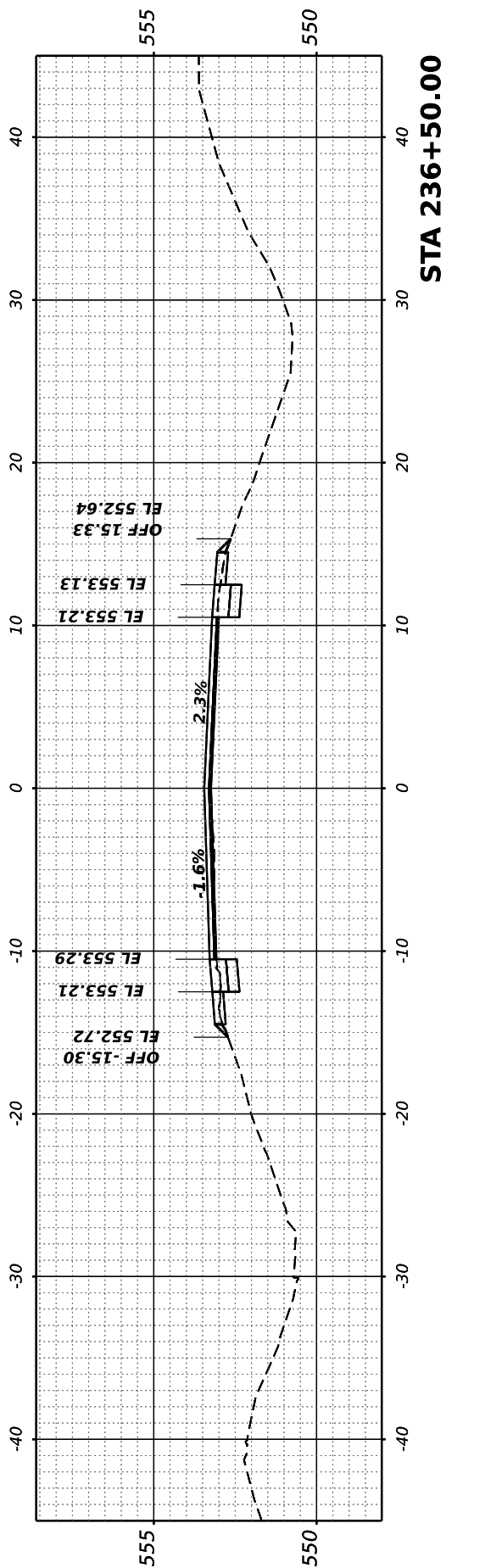
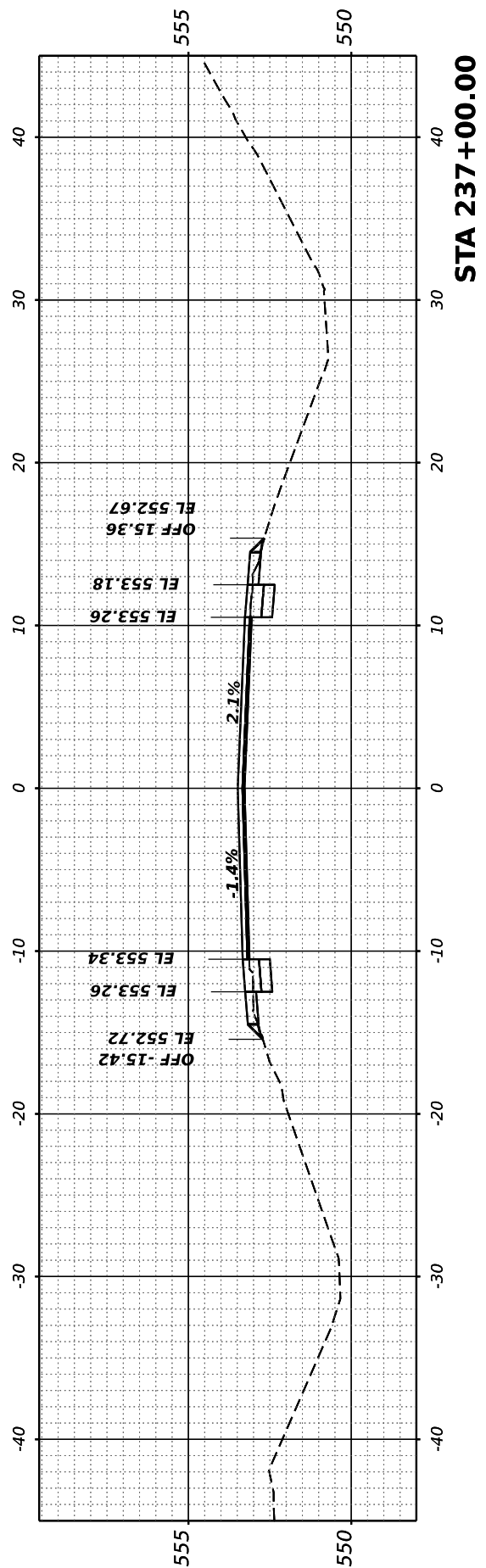
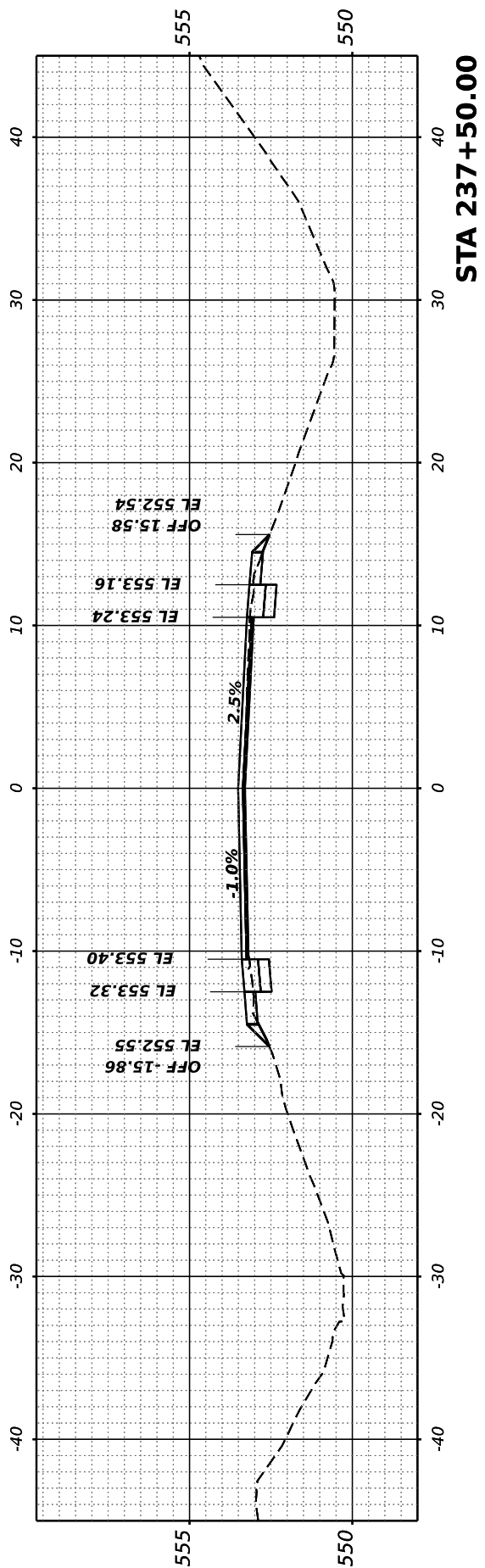
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CHECKED -	REVISIED -
DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

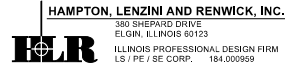
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	99
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Corridor2 - 238+00.00 (Sheet)
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USER NAME	= ariegler
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666667 ' / in.
PLOT DATE	= 7/7/2023

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RICHVIEW ROAD

SCALE: SHEET OF SHEETS STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
826	21-00226-00-RS	JEFFERSON	239	100
CONTRACT NO. 99714				
ILLINOIS FED. AID PROJECT				

