

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	1
96S2002F_01	ILLINOIS	CONTRACT NO. 93833		

FINAL PLANS

08-01-2025 LETTING ITEM 083

STATE OF ILLINOIS
SANGAMON COUNTY HIGHWAY DEPARTMENT
PLANS FOR PROPOSED
SURFACE TRANSPORTATION/RURAL PROGRAM
FAU RTE 8071 (MACARTHUR BOULEVARD)
SECTION 05-00164-03-FP
PROJECT NO. AARA(086) JOB NO. C-96-017-25
SANGAMON COUNTY

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF STANDARDS, SEE SHEET NO. 2



APPROVED February 25, 2025
P. Das
COUNTY ENGINEER

APPROVED March 11, 2025
Rita Wickham
DISTRICT LOCAL ROAD AND STREET ENGINEER

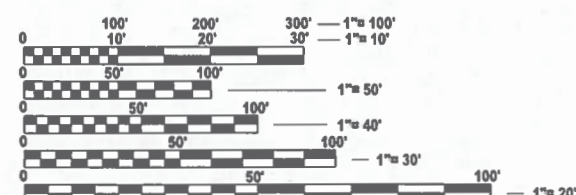
APPROVED March 11, 2025
Lara Remington
REGISTERED PROFESSIONAL ENGINEER



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Susan McCormick
SIGNATURE
February 25, 2025
DATE
LIC EXP DATE: 11/8/2025



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.

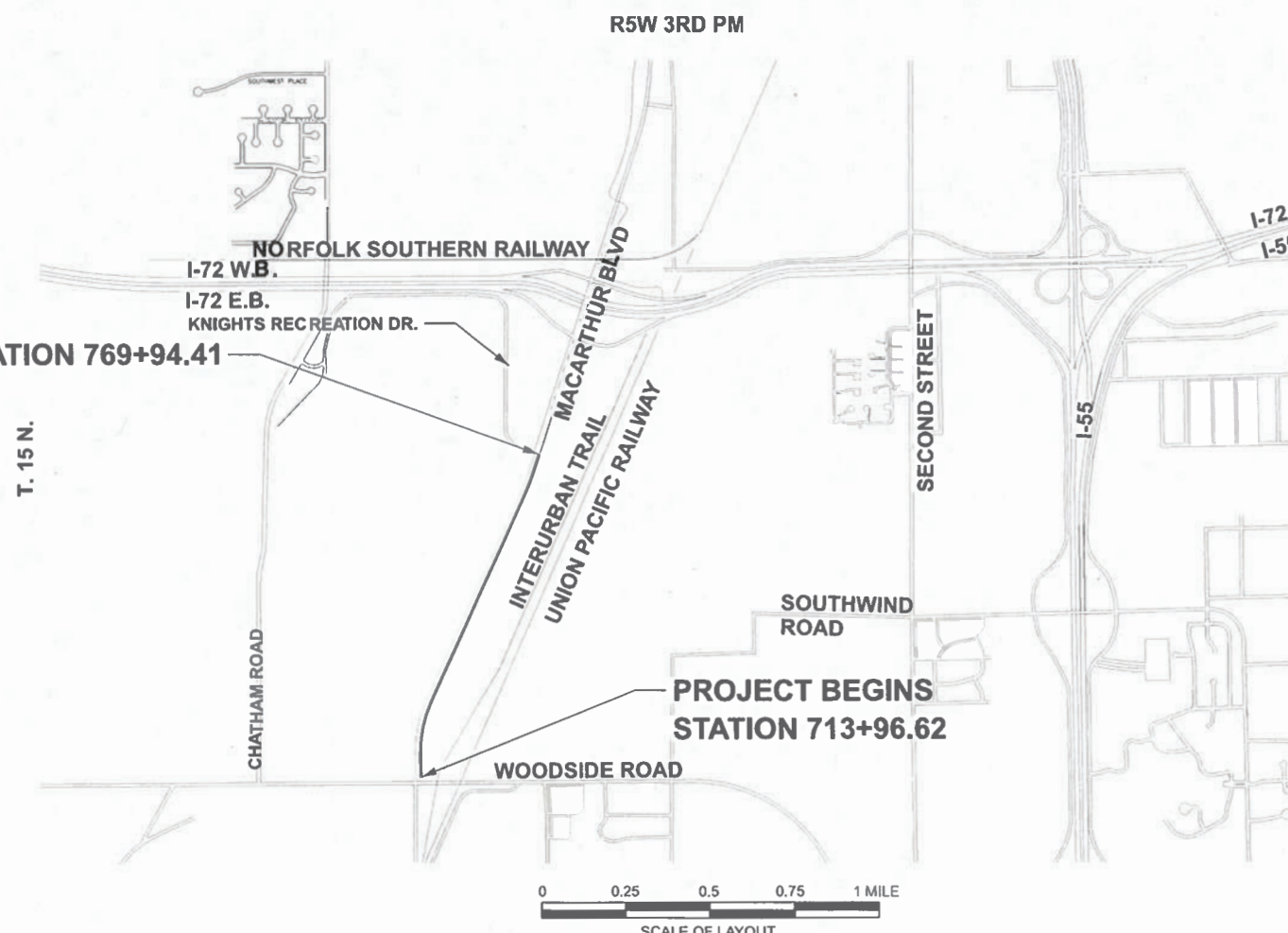
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER SUSAN MCCORMICK (217) 747-9338
PROJECT MANAGER MICHAEL MENDENHALL (217) 788-2450
JOB NO. C-96-017-25
CONTRACT NO. 93833

DESIGN DESIGNATION:
FAU 8071 (MACARTHUR BOULEVARD) - MINOR ARTERIAL
TRAFFIC FACTOR = 1.36

DESIGN SPEED:
MACARTHUR BOULEVARD = 45 MPH

ADT
IRON BRIDGE ROAD (SOUTH OF WOODSIDE RD.) : 6900 (2022)
MACARTHUR BOULEVARD (WOODSIDE RD. TO KNIGHTS RECREATION DR.) : 16390 (2040, 2% TRUCKS)



LIST OF STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
542206-04	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 42" THRU 60" DIAMETER SKEWED WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
542606-02	REINFORCED CONCRETE PIPE TEE
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-07	PRECAST MANHOLE, TYPE A, 4' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604006-05	FRAME AND GRATE TYPE 3
604051-04	FRAME AND GRATE TYPE 11
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
667101-02	PERMANENT SURVEY MARKERS
668001-01	U.S. GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS, RESETTING METHOD
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
821101-03	LUMINAIRE WIRE IN POLE
825001-04	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V
830001-03	LIGHT POLE ALUMINUM MAST ARM
836001-05	LIGHT POLE FOUNDATION
838001-01	BREAK AWAY DEVICES

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		DRAWN -	REVISED -							8071	05-00164-03-FP	SANGAMON	97	2
	PLOT SCALE = 1,000 ' / In.	CHECKED -	REVISED -		96S2002F_01					CONTRACT NO. 93833				
	PLOT DATE = 12/29/2024	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
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GENERAL NOTES

1.

ALL REFERENCE TO "MAINLINE" IN THE PLANS SHALL BE CONSTRUED AS MACARTHUR BOULEVARD, UNLESS OTHERWISE NOTED.
2.

GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES, OR OTHER NATURAL OR MAN0MADE OBJECTS WHERE SHALLOW FILL OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENT AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.
3.

SEEDING, CLASS 2 SHALL BE USED ON AREAS FLATTER THAN 3:1, SEEDING CLASS 3 SHALL BE USED ON AREAS 3:1 OR STEEPER.
4.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HOT-MIX ASPHALT BASE COURSE - 112 LBS/SQ YD-IN
HOT-MIX ASPHALT BINDER COURSE- 112 LBS/SQ YD-IN
HOT-MIX ASPHALT SURFACE COURSE - 112 LBS/SQ YD-IN
BITUMINOUS MATERIAL COMPLETE - 112 LBS/SQ YD-IN
LIME - 40 LBS OF LIME/SQ YD OF SUBGRADE
WATER .008 UNITS/SQ YD OF SUBGRADE
SUBBASE GRANULAR MATERIAL & AGGREGATE BASE - 2.05 TONS/CU YD
ROCKFILL 1.89 TONS/ CU YD
BITUMINOUS MATERIALS (PRIME COAT) ON AGGREGATE BASE - 0.25 LB/SQ FT
BITUMINOUS MATERIAL (TACK COAT) ON NEW HMA - 0.025 LB/SQ FT
BITUMINOUS MATERIAL (TACK COAT) ON EXIST. HMA/PCC PAVEMENT - 0.05 LB/SQ FT
RIPRAP - 1.50 TONS/CU YD
FERTILIZER NUTRIENTS (NIT:PHOS:POT) - 90:90:90 LBS/AC
AGRICULTURAL GROUND LIMESTONE - 2.00 TONS/AC
MULCH - 2.00 TONS/AC
EARTHWORK SHRINKAGE - 20%

5.

THE SANGAMON COUNTY HIGHWAY DEPARTMENT SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS, PHONE (217)535-3070.
6.

STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT. AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT. ABOVE THE STORM SEWER CROWN.
7.

STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT. ABOVE THE TOP OF THE SEWER.
8.

ONLY THE TREES LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES, PLANTS, AND WETLANDS FROM DAMAGE. ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
9.

WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. FULL DEPTH SAW CUTTING REQUIRED FOR PAVEMENT REMOVAL SHALL BE PAID FOR AS SAWING PAVEMENT (FULL DEPTH). ALL OTHER SAWED JOINTS FOR REMOVALS AND BUTT JOINTS SHALL BE CONSIDERED INCLUDED IN ITEM BEING REMOVED OR CONSTRUCTED.
10.

CONNECT PROPOSED UNDERDRAINS TO PROPOSED DRAINAGE STRUCTURES THRU PRECAST BLOCKOUTS.THE PRECAST BLOCKOUTS SHALL BE INCLUDED IN THE PAY ITEM FOR PIPE UNDERDRAINS.
11.

ALL OPENINGS IN PRECAST STRUCTURES SHALL BE TO THE PROPER SIZE. THIS INCLUDES OPENINGS FOR PIPE STRUCTURES, MANHOLE OPENINGS, AND OPENINGS FOR PIPE UNDERDRAIN. COST FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDE IN THE VARIOUS PAY ITEMS FOR THE STRUCTURES INVOLVED.
12.

EXCAVATION IN OLD GRAVEL OR EXISTING OIL AND CHIP ROADWAY IS TO BE PAID AS EARTH EXCAVATION.
13.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY. BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
14.

THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER.
15.

THE SANGAMON COUNTY HIGHWAY DEPARTMENT HAS A CONSTRUCTION PROJECT ADJACENT TO THE SOUTH END OF THIS PROJECT, IRON BRIDGE ROAD OVERPASS AND WOODSIDE ROAD UNDERPASS.
16.

LOGITUDINAL JOINT SEALANT SHALL BE USED UNDER THE SURFACE LIFT AND TOP BINDER LIFT FOR FULL-DEPTH HMA PAVEMENTS, AND UNDER THE SURFACE LIFT OR SINGLE-LIFT HMA OVERLAYS.

UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUCTED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SIRE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

COMMITMENTS

TREE CLEARING COMMITMENTS:
1. TREES 3 INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT WILL NOT BE CLEARED APRIL 1 THROUGH SEPTEMBER 30.
2. MITIGATION FOR TREE CLEARING WILL OCCUR THROUGH PURCHASING CREDITS FROM USFWS IN LIEU FEE PROGRAM FOR BATS.

COMMITMENT FOR LIGHTING: ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH FEDERAL HIGHWAY ADMINISTRATION GUIDE FOR BATS (DOES NOT INCREASE ILLUMINATION ABOVE AMBIENT CONDITIONS AND INCORPORATES FULL CUT OFF, DOWNWARD FACING LIGHTS DIRECTED AWAY FROM FORESTED AREAS).

UTILITY CONTACT INFORMATION

AMEREN ILLINOIS NORTH - GAS JULIE CONTACT: NATHAN HILL - (618) 301-5305 825 N. MACARTHUR SPRINGFIELD, IL 62702	COMCAST JULIE: MARTHA GIARAS - (217) 229-5862 711 S. DIRKSEN PARKWAY SPRINGFIELD, IL 62703
ATT/TRANSMISSION VANESSA ROSS - (217) 381-4284 CELL 555 E. COOK ST. SPRINGFIELD, IL 62703	RURAL ELECTRIC DALTON BROWN - (217) 628-9035 CELL
ATT ENGINEERING HEATHER BENDER - (217) 341-0952 1640 E. HAZEL DELL RD. SPRINGFIELD, IL 62703	SPRINGFIELD CWLP ELECTRIC/FIBER OPTIC SHAUN ANDERS - (217) 321-1323 1008 EAST MILLER STREET SPRINGFIELD, IL 62702
SPRINT (COGENT) JULIE STEVEN HUGHES - (906) 253-3223 CELL LOCAL TECH: JEFF BOOKER - (217) 836-7498	SPRINGIELD CWLP WATER MICHAEL JOHNSON - (217) 789-2323X1617 1001 EAST MILLER STREET SPRINGFIELD, IL 62702

MIXTURE REQUIREMENTS

THE BINDER LIFT THICKNESSES SHOWN BELOW SHALL SUPERSEDE ART. 407.06(d) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

MIXTURE NUMBER:	NO. 1	NO. 2	NO. 3
LOCATION	MACARTHUR BOULEVARD	MACARTHUR BOULEVARD	MACARTHUR BOULEVARD
MIXTURE USE (S):	SURFACE, OVERLAY AND FULL-DEPTH	TOP LIFT BINDER FULL-DEPTH	LOWER BINDER FULL-DEPTH
PG:	SBS PG 64-28	SBS PG 64-28	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTUR COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 19.0
FRICTION AGGREGATE	MIX "D"	N/A	N/A
QUALITY MANAGEMENT	QC/QA	QC/QA	QC/QA
MATERIAL TRANSFER DEVICE REQUIRED?	YES	YES	YES

9.25"

2"

2.75"

4.5"

1

2

3

SURFACE COURSE

TOP LIFT BINDER

LOWER BINDER

HOT-MIX ASPHALT (FULL DEPTH), 9.25" MACARTHUR BOULEVARD

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GENERAL NOTES		8071	05-00164-03-FP	SANGAMON	97	3
SCALE:		SHEET 1 OF 1 SHEETS		CONTRACT NO. 93833		
TO STA.				ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0001, ROADWAY NEW CONSTRUCTION		
20100500	TREE REMOVAL, ACRES	ACRE	0.50	0.50		
20200100	EARTH EXCAVATION	CU YD	8,055	8,055		
20400800	FURNISHED EXCAVATION	CU YD	52,135	52,135		
20800150	TRENCH BACKFILL	CU YD	318.3	318.3		
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	20,215	20,215		
* 25000200	SEEDING, CLASS 2	ACRE	9.25	9.25		
* 25000300	SEEDING, CLASS 3	ACRE	0.25	0.25		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	941	941		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	941	941		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	941	941		
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	21.9	21.9		
* 25100115	MULCH, METHOD 2	ACRE	9.50	9.50		
* 25100630	EROSION CONTROL BLANKET	SQ YD	15,318	15,318		
* 25200110	SODDING, SALT TOLERANT	SQ YD	6,898	6,898		
* 25200200	SUPPLEMENTAL WATERING	UNIT	345	345		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,073.75	1,073.75		
28000305	TEMPORARY DITCH CHECKS	FOOT	1410	1410		
28000400	PERIMETER EROSION BARRIER	FOOT	11729	11729		
28000500	INLET AND PIPE PROTECTION	EACH	7	7		
28100127	STONE RIPRAP, CLASS B4	SQ YD	1444	1444		
28100701	STONE DUMPED RIPRAP, CLASS A1	SQ YD	1444	1444		
28200200	FILTER FABRIC	SQ YD	1444	1444		
* 30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	38730	38730		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	4
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0001, ROADWAY NEW CONSTRUCTION		
30201500	LIME	TON	1033	1033		
31101191	SUBBASE GRANULAR MATERIAL, TYPE B 3"	SQ YD	38730	38730		
40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	871	871		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13,947	13,947		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	23,941	23,941		
40600405	MATERIAL TRANSFER DEVICE	TON	15,983	15,983		
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	31	31		
40701866	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9.25"	SQ YD	30855	30855		
42001300	PROTECTIVE COAT	SQ YD	6713	6713		
42300400	PORTLAND CEMENT DRIVEWAY PAVEMENT, 8"	SQ YD	200	200		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	293	293		
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	418	418		
542A1105	PIPE CULVERTS, CLASS A, TYPE 2 60"	FOOT	179	179		
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	102	102		
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	38	38		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	91	91		
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	6	6		
54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	2	2		
54262718	METAL FLARED END SECTIONS 18"	EACH	4	4		
54262724	METAL FLARED END SECTIONS 24"	EACH	2	2		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2,035	2,035		
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	6	6		
60100915	PIPE DRAINS 6"	FOOT	120	120		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	5
96S2002F_01		CONTRACT NO. 93833		
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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0001, ROADWAY NEW CONSTRUCTION		
60100925	PIPE DRAINS 8"	FOOT	120	120		
60100945	PIPE DRAINS 12"	FOOT	120	120		
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	11196	11196		
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	5	5		
60219300	MANHOLES, TYPE A, 4'-DIAMTER, TYPE 11 FRAME AND GRATE	EACH	1	1		
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	98	98		
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	4	4		
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2	2		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	20849.5	20849.5		
61000050	CONCRETE THRUST BLOCKS	EACH	6	6		
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	1120	1120		
61100605	MISCELLANEOUS CONCRETE	CU YD	3	3		
61101007	STORM SEWERS PROTECTED, CLASS A, 6"	FOOT	400	400		
61101009	STORM SEWERS PROTECTED, CLASS A, 8"	FOOT	400	400		
61101011	STORM SEWERS PROTECTED, CLASS A, 10"	FOOT	200	200		
61101013	STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	200	200		
66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	5	5		
67100100	MOBILIZATION	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	90.9	90.9		
* 72000200	SIGN PANEL - TYPE 2	SQ FT	10.0	10.0		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	12	12		

* SPECIALTY ITEM

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PLOT DATE = 12/29/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	6
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0001, ROADWAY NEW CONSTRUCTION		
*	73000100	WOOD SIGN SUPPORT	FOOT	272	272		
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1		
*	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	162	162		
*	78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	31,378	31,378		
*	78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	1581	1581		
*	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	296	296		
*	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	175	175		
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	246	246		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	59	59		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3973	3973		
*	81028550	UNDERGROUND CONDUIT, INTERMEDIATE METAL, 2" DIA.	FOOT	148	148		
*	81603000	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	316	316		
*	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	451	451		
*	82110005	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	3	3		
*	82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4	4		
*	82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1	1		
*	83008600	LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. MAST ARM	EACH	2	2		
*	83009500	LIGHT POLE, ALUMINUM, 45 FT M.H. 12 FT. MAST ARM	EACH	3	3		
*	83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8"X6"	EACH	3	3		
*	83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	20	20		
*	X0326899	SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	1	1		
	X6020084	MANHOLE (SPECIAL)	EACH	1	1		
	X6060300	CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)	SQ FT	6624	6624		

* SPECIALTY ITEM

CONTINUES ON NEXT SHEET

MODEL: Sheet 4
FILE NAME: I:\96jobs\96S2002F_01\CAD\Road\Sheet\C-SHT-SQQ.dgn



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USER NAME = hardj02376	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/29/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	7
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

[illegible]

* SPECIALTY ITEM # 0042

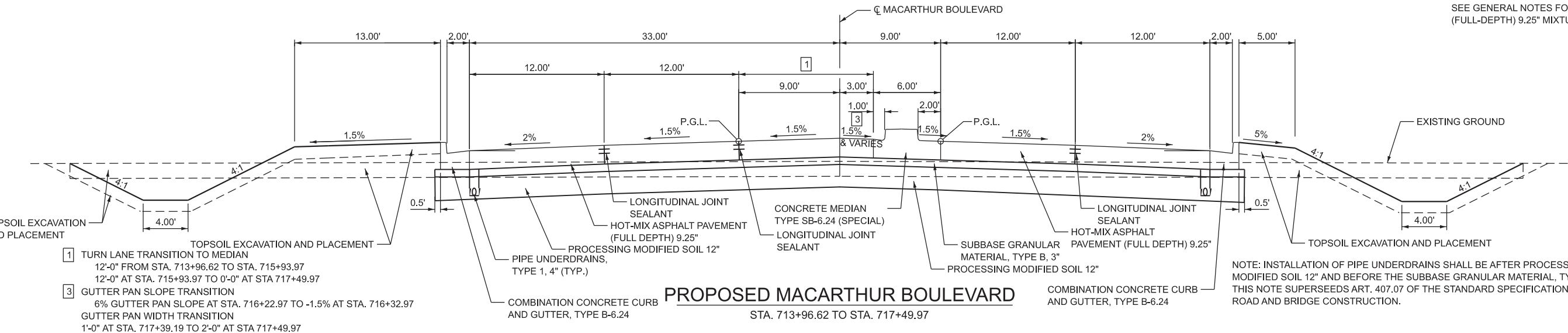
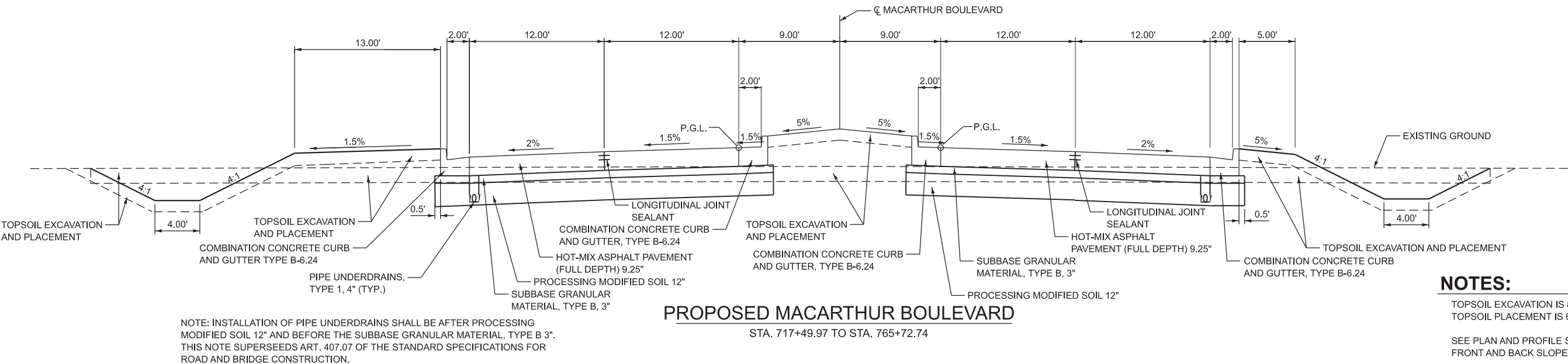
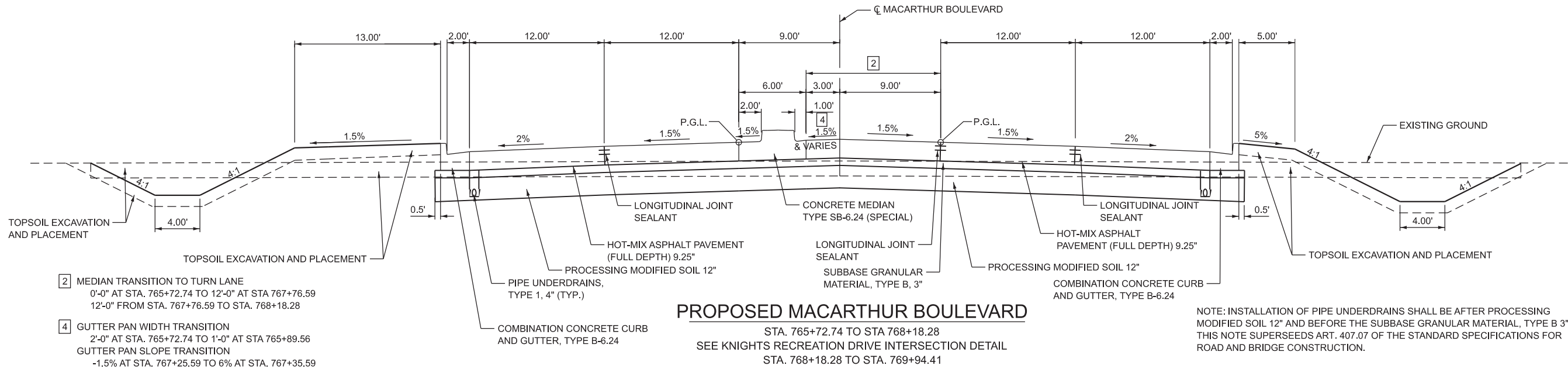
USER NAME = hardj02376	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/29/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
SUMMARY OF QUANTITIES

SCALE:	SHEET 5 OF 5 SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	8
96S2002F 01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



- NOTES:**
- TOPSOIL EXCAVATION IS 8". TOPSOIL PLACEMENT IS 6".
 - SEE PLAN AND PROFILE SHEETS FOR DITCH FRONT AND BACK SLOPE TRANSITIONS.
 - SEE GENERAL NOTES FOR HMA PAVEMENT (FULL-DEPTH) 9.25" MIXTURE REQUIREMENTS.

MODEL: Sheet 1
FILE NAME: R:\96jobs\96S2002F_01\CAD\Road\Sheet\C-SHT-Typicals.dgn

 © Copyright Hanson Professional Services Inc. 2024	USER NAME = hard02376	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MACARTUR BOULEVARD TYPICAL SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						8071	05-00164-03-FP	SANGAMON	97	9
	PLOT SCALE = 4.99999000' / in.	CHECKED -	REVISED -						96S2002F_01		CONTRACT NO. 93833		
	PLOT DATE = 12/29/2024	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
SCALE:		SHEET OF 1 SHEETS		STA.		TO STA.							

MODEL: Sheet 1
FILE NAME: F:\96jobs\96S2002F_01\CAD\Road\Sheet\C-SHT-Schedule.dgn

STORM SEWER DRAINAGE STRUCTURE SCHEDULE												
					60235700	60236800	60240220	60218500	60219300	X6020084	54213657	
LOCATION: SEE DRAINAGE DETAILS FOR REFERENCE STATION AND OFFSET LOCATION					INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 11 FRAME AND GRATE	MANHOLE (SPECIAL)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	COMMENTS
NO.	STATION	OFFSET		REF ELEV	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
101	714+06.00	4.58	RT	596.95		1						
102	714+39.00	35.58	LT	596.32	1							
103	714+39.00	35.58	RT	596.32	1							
104	714+49.00	35.58	LT	596.32				1				
105	714+49.00	55.77	LT	592.83							1	
106	714+49.00	35.58	RT	596.32				1				
107	714+49.00	47.60	RT	592.83							1	
108	714+49.00	4.58	RT	596.89					1			
109	714+59.00	35.58	LT	596.32	1							
110	714+59.00	35.58	RT	596.32	1							
111	715+00.00	35.58	LT	596.39			1					
112	715+00.00	55.42	LT	593.00							1	
113	715+00.00	35.58	RT	596.39	1							
114	715+00.00	47.19	RT	593.00							1	
115	715+00.00	4.58	RT	596.96		1						
116	715+70.00	35.58	LT	596.72	1							
117	715+70.00	56.25	LT	593.23							1	
118	715+70.00	35.58	RT	596.72	1							
119	715+70.00	47.93	RT	593.23							1	
120	717+00.00	35.58	LT	597.39	1							
121	717+00.00	57.25	LT	593.66							1	
122	717+00.00	35.58	RT	597.39	1							
123	717+00.00	48.77	RT	593.66							1	
124	718+33.00	35.58	LT	598.07	1							
125	718+33.00	58.00	LT	594.10							1	
126	718+33.00	35.58	RT	598.07	1							
127	718+33.00	49.84	RT	594.10							1	
128	719+73.00	35.58	LT	598.79	1							
129	719+73.00	58.96	LT	594.57							1	
130	719+73.00	35.58	RT	598.79	1							
131	719+73.00	50.64	RT	594.57							1	
201	724+25.00	35.58	LT	599.27	1							
202	724+25.00	60.88	LT	594.49							1	
203	724+25.00	35.58	RT	599.27	1							
204	724+25.00	52.06	RT	594.65							1	
205	725+35.00	35.58	LT	598.93	1							
206	725+35.00	61.31	LT	594.08							1	
207	725+35.00	35.58	RT	598.93	1							
208	725+35.00	52.20	RT	593.15							1	
209	726+45.00	35.58	LT	598.59	1							
210	726+45.00	61.51	LT	593.68							1	
211	726+45.00	35.58	RT	598.59	1							
212	726+45.00	52.09	RT	593.99							1	
213	727+55.00	35.58	LT	598.25	1							
214	727+55.00	61.74	LT	593.27							1	
215	727+55.00	35.58	RT	598.25	1							
216	727+55.00	52.14	RT	593.66							1	
217	727+90.00	35.58	LT	598.15	1							
218	727+90.00	60.97	LT	593.14							1	
219	728+35.00	35.58	RT	598.01	1							
220	728+35.00	51.92	RT	593.42							1	
221	729+40.00	35.58	LT	597.68	1							
222	729+40.00	61.57	LT	592.59							1	
223	729+75.00	35.58	RT	597.58	1							
224	729+75.00	52.00	RT	593.00							1	
225	730+50.00	35.58	LT	597.35	1							
226	730+50.00	62.42	LT	592.19							1	
227	730+85.00	35.58	RT	597.24	1							
228	730+85.00	51.91	RT	592.67							1	
229	731+60.00	35.58	LT	597.01	1							
230	731+60.00	68.35	LT	590.40							1	
231	731+95.00	35.58	RT	596.90	1							
232	731+95.01	55.81	RT	591.54							1	
233	732+70.00	35.58	LT	596.67	1							
234	732+70.08	67.29	LT	590.30							1	
235	733+05.00	35.58	RT	596.56	1							



USER NAME = hardj02376

DESIGNED -

REVISED -

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REVISD -

PLOT SCALE = 1,000' / In.

CHECKED -

REVISED -

PLOT DATE = 12/29/2024

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
SCHEDULE OF QUANTITIES

SCALE:

SHEET 1

OF 6

SHEETS

STA.

TO STA.

F.A.U.
RTE.

SECTION

COUNTY

TOTAL
SHEETS

SHEET
NO.

8071

05-00164-03-FP

SANGAMON

97

10

96S2002F_01

CONTRACT NO. 93833

ILLINOIS

FED. AID PROJECT

STORM SEWER PIPE SCHEDULE

				550A0050	XX009453	20800150	
FROM STRUCTURE		TO STRUCTURE		STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS B, TYPE 1 8"	TRENCH BACKFILL	COMMENTS
NUMBER	INV ELEV	NUMBER	INV ELEV	FOOT	FOOT	CU YD	
101	593.57	108	593.16		40	6.9	
102	592.96	104	592.91		7	1.1	
103	592.96	106	592.91		7	1.1	
104	592.91	105	592.83	21		0.3	
106	592.91	107	592.83	13		0.3	
108	593.16	104	592.91		37	6.4	
109	592.96	104	592.91		7	1.1	
110	592.96	106	592.91		7	1.1	
111	593.03	112	593.00	20		0.3	
113	593.04	114	593.00	12		0.3	
115	593.35	111	593.03		36	6.2	
116	593.35	117	593.23	21		0.3	
118	593.46	119	593.23	16		0.3	
120	593.82	121	593.66	22		0.3	
122	593.82	123	593.66	14		0.3	
124	594.26	125	594.10	23		0.4	
126	594.26	127	594.10	15		0.4	
128	594.70	129	594.57	24		0.5	
130	594.71	131	594.57	16		0.5	
201	594.64	202	594.49	26		0.6	
203	594.89	204	594.65	17		0.5	
205	594.30	206	594.08	26		0.6	
207	593.30	208	593.15	17		1.3	
209	593.96	210	593.68	26		0.6	
211	594.21	212	593.99	17		0.5	
213	593.62	214	593.27	27		0.6	
215	593.87	216	593.66	17		0.5	
217	593.37	218	593.14	26		0.6	
219	593.63	220	593.42	17		0.5	
221	592.90	222	592.59	27		0.6	
223	593.20	224	593.00	17		0.5	
225	592.47	226	592.19	27		0.6	
227	592.86	228	592.67	17		0.5	
229	590.88	230	590.40	33		1.4	
231	591.77	232	591.54	21		0.7	
233	590.54	234	590.30	32		1.4	
235	589.68	236	589.47	20		1.6	
237	590.95	238	590.64	30		0.7	
239	592.12	240	591.88	12		0.5	
241	590.80	242	590.57	29		0.7	
243	592.48	245	590.69	7		1.9	
244	592.48	247	589.36	7		2.4	
245	590.69	246	590.35	30		0.7	
247	589.36	248	589.04	20		1.6	
249	592.48	245	590.69	7		1.9	
250	592.48	247	589.36	7		2.4	
251	590.33	252	590.09	31		1.3	
253	589.50	254	589.07	21		1.6	
301	591.07	302	590.91	29		0.7	
303	591.07	304	590.72	21		0.7	
305	592.50	306	592.20	25		0.5	
307	592.25	308	591.90	19		0.6	
309	593.41	310	593.20	23		0.4	
311	592.66	312	592.40	18		0.6	
313	593.43	314	593.26	22		0.4	
315	592.18	316	591.90	19		0.6	
317	592.92	318	592.80	21		0.3	
319	591.51	320	591.38	18		0.6	
321	591.40	322	591.06	26		0.5	
323	588.90	324	588.54	28		1.6	
325	590.27	326	590.08	26		0.6	
327	588.27	328	587.87	28		1.6	
329	590.07	330	589.53	27		0.6	
331	591.13	331T	583.98	10		8.6	
332	588.45	333	588.00	33		1.4	
334	584.87	335	584.58	32		2.5	

MODEL- Sheet 2
FILE NAME: I:\96rbs\96S2002F_01\CAD\Road\Sheet\C-SHT-Schedule.dgn

STORM SEWER DRAINAGE STRUCTURE SCHEDULE											
					60235700	60236800	60240220	60218500	60219300	X6020084	54213657
LOCATION: SEE DRAINAGE DETAILS FOR REFERENCE STATION AND OFFSET LOCATION					INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 11 FRAME AND GRATE	MANHOLE (SPECIAL)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"
NO.	STATION	OFFSET		REF ELEV	EACH	EACH	EACH	EACH	EACH	EACH	EACH
236	733+05.01	55.24	RT	589.47							1
237	733+80.00	35.58	LT	596.33	1						
238	733+80.19	64.57	LT	590.64							1
239	734+05.00	35.58	RT	596.25	1						
240	734+05.02	46.98	RT	591.88							1
241	734+35.00	35.58	LT	596.16	1						
242	734+34.96	64.22	LT	590.57							1
243	734+88.00	35.58	LT	596.05	1						
244	734+88.00	35.58	RT	596.05	1						
245	734+98.00	35.58	LT	596.05				1			
246	734+98.00	64.58	LT	590.35							1
247	734+98.00	35.58	RT	596.05				1			
248	734+98.00	54.84	RT	589.04							1
249	735+08.00	35.58	LT	596.05	1						
250	735+08.00	35.58	RT	596.05	1						
251	735+70.00	35.58	LT	596.19	1						
252	735+69.98	66.43	LT	590.09							1
253	735+70.00	35.58	RT	596.19	1						
254	735+70.00	55.93	RT	589.07							1
301	736+55.00	35.58	LT	596.48	1						
302	736+55.00	64.26	LT	590.91							1
303	736+55.00	35.58	RT	596.48	1						
304	736+55.00	56.45	RT	590.72							1
305	737+75.00	35.58	LT	596.88	1						
306	737+75.00	60.50	LT	592.20							1
307	737+75.00	35.58	RT	596.88	1						
308	737+75.00	53.80	RT	591.90							1
309	739+00.00	35.58	LT	597.29	1						
310	739+00.00	58.12	LT	593.20							1
311	739+00.00	35.58	RT	597.29	1						
312	739+00.00	53.13	RT	592.40							1
313	743+00.00	35.58	LT	597.06	1						
314	743+00.00	56.99	LT	593.26							1
315	743+00.00	35.58	RT	597.06	1						
316	743+00.00	54.22	RT	591.90							1
317	744+50.00	35.58	LT	596.39	1						
318	744+50.00	56.09	LT	592.80							1
319	744+50.00	35.58	RT	596.39	1						
320	744+50.00	53.50	RT	591.38							1
321	745+85.00	35.58	LT	595.78	1						
322	745+85.11	61.34	LT	591.06							1
323	745+85.00	35.58	RT	595.78	1						
324	745+85.01	62.69	RT	588.54							1
325	747+25.00	35.58	LT	595.15	1						
326	747+25.00	62.09	LT	590.08							1
327	747+25.00	35.58	RT	595.15	1						
328	747+25.00	62.75	RT	587.87							1
329	748+25.00	35.58	LT	594.70	1						
330	748+25.00	62.76	LT	589.53							1
331	748+25.00	35.58	RT	594.70	1						
331T	748+34.42	45.14	RT								60"x12" TEE INCLUDED IN 60" PIPE LENGTH
332	748+75.00	35.58	LT	594.52	1						
333	748+75.00	67.59	LT	588.00							1
334	748+75.00	35.58	RT	594.52	1						
335	748+75.01	67.40	RT	584.58							1
336	749+05.00	35.58	LT	594.49							
337	749+00.00	35.58	RT	594.49	1						
338	749+15.00	35.58	LT	594.49						1	
339	749+10.00	35.58	RT	594.48				1			
340	749+10.01	67.47	RT	586.02							1
341	749+25.00	35.58	LT	594.49	1						
342	749+20.00	35.58	RT	594.49	1						
343	749+85.00	35.58	LT	594.64	1						
344	749+85.00	60.87	LT	585.25							1
345	749+85.00	35.58	RT	594.64	1						
346	749+85.00	61.45	RT	587.67							1



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USER NAME = hard02376	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1.000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/29/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD SCHEDULE OF QUANTITIES			
SCALE:	SHEET 2	OF 6 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	11
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

STORM SEWER PIPE SCHEDULE							
				550A0050	XX009453	20800150	
FROM STRUCTURE		TO STRUCTURE		STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS B, TYPE 1 8"	TRENCH BACKFILL	COMMENTS
NUMBER	INV ELEV	NUMBER	INV ELEV	FOOT	FOOT	CU YD	
336	590.92	338	591.12	7		1.2	
337	590.92	339	586.42	7		4.6	
338	592.48						MH SPECIAL
339	586.42	340	586.02	32		2.0	
341	590.92	338	591.12	7		1.2	
342	590.92	339	586.42	7		4.6	
343	594.24	344	585.25	26		2.7	
345	587.74	346	587.67	26		1.6	
347	589.58	348	589.43	24		0.7	
349	589.08	350	588.80	23		1.3	
401	591.21	402	590.80	24		0.5	
403	590.21	404	589.95	20		0.7	
405	591.59	406	591.44	24		0.5	
407	590.59	408	590.32	20		0.7	
409	592.22	410	591.90	24		0.4	
411	590.97	412	590.65	20		0.7	
413	592.60	414	592.36	23		0.4	
415	591.35	416	590.99	20		0.7	
417	592.98	418	592.82	23		0.4	
419	591.48	420	591.32	21		0.7	
421	593.62	422	593.28	23		0.4	
423	591.86	424	591.65	21		0.7	
425	594.00	426	593.74	23		0.4	
427	592.25	428	591.98	21		0.7	
429	594.38	430	594.20	22		0.4	
431	592.63	432	592.32	21		0.7	
433	594.67	434	594.59	21		0.3	
435	593.66	436	593.49	17		0.5	
437	594.44	438	594.36	20		0.3	
439	594.07	440	593.82	14		0.4	
441	594.26	442	594.20	20		0.3	
443	594.14	444	594.06	12		0.3	
501	594.22	501A	594.16	20		0.3	
502	594.19	502A	594.15	12		0.3	
503	594.18	504	594.12	20		0.3	
505	594.21	506	594.17	11		0.3	
507	594.17	507A	594.10	20		0.3	
508	594.24	508A	594.20	11		0.3	
509	594.31	510	594.20	20		0.3	
511	594.39	512	594.35	11		0.3	
513	594.98	514	594.52		34	5.2	
514	594.52	515	594.48	11		0.3	
516	594.64	517	594.53	20		0.3	
518	595.22	513	594.98		36	5.5	
519	594.79	520	594.70	13		0.3	
TOTAL				2035	211	125.2	

MODEL - Sheet 3
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STORM SEWER DRAINAGE STRUCTURE SCHEDULE												
					60235700	60236800	60240220	60218500	60219300	X6020084	54213657	
LOCATION: SEE DRAINAGE DETAILS FOR REFERENCE STATION AND OFFSET LOCATION					INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4'- DIAMETER, TYPE 11 FRAME AND GRATE	MANHOLE (SPECIAL)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	COMMENTS
NO.	STATION	OFFSET	REF ELEV		EACH	EACH	EACH	EACH	EACH	EACH	EACH	
347	750+80.00	35.58	LT	594.96	1							
348	750+79.99	58.71	LT	589.43							1	
349	750+80.00	35.58	RT	594.96	1							
350	750+80.00	58.24	RT	588.80							1	
401	751+95.00	35.58	LT	595.34	1							
402	751+95.00	59.46	LT	590.80							1	
403	751+95.00	35.58	RT	595.34	1							
404	751+95.00	55.20	RT	589.95							1	
405	753+10.00	35.58	LT	595.72	1							
406	753+10.00	58.94	LT	591.44							1	
407	753+10.00	35.58	RT	595.72	1							
408	753+10.00	55.15	RT	590.32							1	
409	754+25.00	35.58	LT	596.10	1							
410	754+25.00	58.60	LT	591.90							1	
411	754+25.00	35.58	RT	596.10	1							
412	754+25.00	55.37	RT	590.65							1	
413	755+40.00	35.58	LT	596.48	1							
414	755+40.00	58.26	LT	592.36							1	
415	755+40.00	35.58	RT	596.48	1							
416	755+40.00	55.50	RT	590.99							1	
417	756+55.00	35.58	LT	596.86	1							
418	756+55.00	57.99	LT	592.82							1	
419	756+55.00	35.58	RT	596.86	1							
420	756+55.00	55.76	RT	591.32							1	
421	757+70.00	35.58	LT	597.25	1							
422	757+70.00	57.71	LT	593.28							1	
423	757+70.00	35.58	RT	597.24	1							
424	757+70.00	55.98	RT	591.65							1	
425	758+85.00	35.58	LT	597.63	1							
426	758+85.00	57.58	LT	593.74							1	
427	758+85.00	35.58	RT	597.63	1							
428	758+85.00	56.18	RT	591.98							1	
429	760+00.00	35.58	LT	598.01	1							
430	760+00.00	57.06	LT	594.20							1	
431	760+00.00	35.58	RT	598.01	1							
432	760+00.00	56.30	RT	592.32							1	
433	764+05.00	35.58	LT	598.05	1							
434	764+05.00	55.70	LT	594.59							1	
435	764+05.00	35.58	RT	598.05	1							
436	764+05.00	51.82	RT	593.49							1	
437	765+20.00	35.58	LT	597.70	1							
438	765+20.00	55.37	LT	594.36							1	
439	765+20.00	35.58	RT	597.70	1							
440	765+20.00	49.40	RT	593.82							1	
441	766+00.00	35.58	LT	597.47	1							
442	766+00.00	54.83	LT	594.20							1	
443	766+00.00	35.58	RT	597.47	1							
444	766+00.00	47.18	RT	594.06							1	
501	766+32.00	35.58	LT	597.41	1							
501A	766+32.00	54.86	LT	594.16							1	
502	766+32.00	35.58	RT	597.41	1							
502A	766+32.00	46.67	RT	594.15							1	
503	766+42.00	35.58	LT	597.41	1							
504	766+42.00	54.86	LT	594.12							1	
505	766+42.00	35.58	RT	597.41	1							
506	766+42.00	46.47	RT	594.17							1	
507	766+52.00	35.58	LT	597.41	1							
507A	766+52.00	54.93	LT	594.10							1	
508	766+52.00	35.58	RT	597.41	1							
508A	766+52.07	46.37	RT	594.20							1	
509	767+00.00	35.58	LT	597.51	1							
510	767+00.00	54.66	LT	594.20							1	
511	767+00.00	35.58	RT	597.51	1							
512	767+00.00	46.36	RT	594.35							1	
513	767+45.00	2.22	LT	598.33		1						
514	767+45.00	35.58	RT	597.73			1					

EARTHWORK SCHEDULE								
		A	B	C	D	E	F	G
LOCATION		21101505	*	*	20200100	*	*	20400800
		TOPSOIL EXCAVATION AND PLACEMENT	TOPSOIL PLACEMENT	EXCESS TOPSOIL (20% SHRINKAGE) =A-(B/0.80)	EARTH EXCAVATION	EXCAVATION USED AS EMBANKMENT (20% SHRINKAGE)	EMBANKMENT	FURNISHED EXCAVATION =(F-E)
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
BEGIN STATION	END STATION							
MACARTHUR BLVD		20214	8644	9409	8057	6446	58581	52135
INCLUDES ALL ENTRANCES AND GRADING								
TOTAL		20215	8645	9410	8055	6445	58580	52135
	* FOR INFORMATION ONLY							

REMOVAL SCHEDULE							
LOCATION				20100500	44000157	78300200	78300202
				TREE REMOVAL	HCT-MIX ASPHALT SURFACE RENOVAL, 2"	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING
BEGIN STATION	OFFSET	END STATION	OFFSET	ACRE	SQ YD	EACH	SQ FT
MACARTHUR BLVD							
713+81.62	LT	713+96.62	LT		55.0		
713+81.62	RT	713+96.62	RT		45.2		
746+68.04	RT	751+00.00	LT	0.50			
769+74.09	53.81' LT	769+86.38	62.58' LT				
769+74.52	LT	770+10.27	LT		110.4		
769+93.21	RT	770+24.85	RT		82.7		
IRON BRIDGE ROAD SOUTH OF WOODSIDE ROAD							
707+03.00	LT/RT	711+36.00	LT/RT			26	1159
WOODSIDE ROAD WEST LEG							
93+54.91	LT/RT	98+34.00	LT/RT			27	1180
MACARTHUR BOULEVARD							
770+20.27	LT	770+79.58	LT			6	
770+20.27	LT	771+00.00	LT				233
771+00.00	LT	783+72.86	LT				1401
TOTAL				0.5	293	59	3973

SEEDING SCHEDULE							
LOCATION				25000200	25000300	25200110	25200200
				SEEDING, CLASS 2	SEEDING, CLASS 3	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING
LOCATION	BEG STATION	END STATION	OFFSET	ACRE	ACRE	SQ YD	UNIT
MACARTHUR BLVD							
MEDIAN	717+49.97	765+72.74	CENTER			6898.0	344.9
MAINLINE	713+96.62	769+94.41	RIGHT	4.4	0.1		
MAINLINE	713+96.62	769+94.41	LEFT	4.4	0.1		
ENTRANCES	3 FIELD ENTRANCES		RIGHT	0.1			
ENTRANCES	762+00.00	762+00.00	LEFT	0.0			
ENTRANCES	728+60.08	728+60.08	LEFT	0.1			
GRADING AREA			LEFT	0.1	0.1		
TOTAL				9.25	0.25	6898	345

STORM SEWER DRAINAGE STRUCTURE SCHEDULE											
					60235700	60236800	60240220	60218500	60219300	X6020084	54213657
LOCATION: SEE DRAINAGE DETAILS FOR REFERENCE STATION AND OFFSET LOCATION					INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4' DIAMETER, TYPE 3 FRAME AND GRATE	MANHOLES, TYPE A, 4' DIAMETER, TYPE 11 FRAME AND GRATE	MANHOLE (SPECIAL)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"
NO.	STATION	OFFSET		REF ELEV	EACH	EACH	EACH	EACH	EACH	EACH	EACH
515	767+45.00	46.20	RT	594.48							1
516	767+77.00	35.58	LT	597.96	1						
517	767+77.00	55.15	LT	594.53							1
518	767+77.00	3.94	LT	598.54		1					
519	768+18.00	35.58	RT	598.32	1						
520	768+18.00	48.29	RT	594.70							1
TOTAL					98	4	2	5	1	1	91

PIPE UNDERDRAIN SCHEDULE				
LOCATION			601008104	CONNECTION NOTES*
			PIPE UNDERDRAINS, TYPE 1, 4" FOOT	
BEGIN STATION	END STATION	OFFSET		
MACARTHUR BLVD				
713+96.62	769+80.40	33' LT	5584	STR. # 111, 128, 201, 213, 229, 243, 309, 313, 325, 332, 401, 417, 429, 433, 509.
713+96.62	770+09.23	33' RT	5613	STR. # 113, 130, 203, 215, 231, 244, 311, 315, 327, 334, 403, 419, 431, 435, 511.
TOTAL			11196	

*UNDERDRAINS OUTLET TO INLETS APPROXIMATELY EVERY 500 FT. SEE STRUCTURE NUMBERS LISTED.

PIPE CULVERT SCHEDULE												
				542A0241	542A1105	542C0223	542C0229	54262718	54262724	54215460	54213681	20800150
	a	b	c	h	i	j	k	n	o	q	r	u
ROADWAY	STATION (APPROX)	UPSTREAM INVERT ELEV (FT)	DOWNSTREAM INVERT ELEVATION (FT)	PIPE CULVERT, CLASS A, TYPE 1, 36"	PIPE CULVERTS, CLASS A, TYPE 2 60"	PIPE CULVERT, CLASS C, TYPE 1, 18"	PIPE CULVERT, CLASS C,TYPE 1, 24"	METAL FLARED END SECTIONS 18"	METAL FLARED END SECTIONS 24"	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	TRENCH BACKFILL
				(FT)	(FT)	(FT)	(FT)	(EA)	(EA)	(EA)	(EA)	(CY)
MACARTHUR BLVD - ENT LEFT	728+60.08	593.01	592.76			62		2				
MACARTHUR BLVD - ENT RIGHT	728+60.08	593.40	593.27			40		2				
MACARTHUR BLVD	732+29.19	588.90		145							2	37.4
MACARTHUR BLVD	735+77.76	590.00	588.10	132							2	35.2
MACARTHUR BLVD	746+76.81	588.40	587.30	141							2	33.1
MACARTHUR BLVD	748+80.33	582.70	581.80		179					2		87.4
MACARTHUR BLVD - ENT RIGHT	758+00.00	591.80	591.67			38			2			
			TOTALS	418	179	102	38	4	2	2	6	193.1

FIELD TILE REPLACEMENT SCHEDULE												
LOCATION		60100060	60100915	60100925	60100945	61000050	61100500	61100605	61101007	61101009	61101011	61101013
		CONCRETE HEADWALL FOR PIPE DRAINS	PIPE DRAINS 6"	PIPE DRAINS 8"	PIPE DRAINS 12"	CONCRETE THRUST BLOCKS	EXPLORATION TRENCH 52" DEPTH	MISCELLANEOUS CONCRETE	STORM SEWERS PROTECTED, CLASS A 6"	STORM SEWERS PROTECTED, CLASS A 8"	STORM SEWERS PROTECTED, CLASS A 10"	STORM SEWERS PROTECTED, CLASS A 12"
		EACH	FOOT	FOOT	FOOT	EACH	FOOT	CU YD	FOOT	FOOT	FOOT	FOOT
BEGIN STATION	END STATION											
MACARTHUR BLVD												
713+96.62	769+94.41	6	120	120	120	6	1120	3	400	400	200	200
TOTAL		6	120	120	120	6	1120	3	400	400	200	200
*ASSUMED AMOUNTS FOR FIELD TILE REPLACEMENT.												

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PAVING SCHEDULE								
LOCATION			30200650	30201500	31101191	40600290	40604160	40701866
			PROCESSING MODIFIED SOIL 12"	LIME	SUBBASE GRANULAR MATERIAL, TYPE B 3"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9.25"
BEGIN STATION	END STATION	OFFSET	SQ YD	TON	SQ YD	POUND	TON	SQ YD
MACARTHUR BLVD								
713+81.62	713+96.62	OVERLAY, LT/RT				23	11	
713+96.62	717+49.97	LT/RT	2833	75.5	2833			
717+49.97	765+72.71	SOUTHBOUND, LT	16188	431.7	16188			
713+96.62	769+94.41	SOUTHBOUND, LT/RT				6918		15374
713+96.62	769+94.41	NORTHBOUND, LT/RT				6966		15481
717+49.97	765+72.71	NORTHBOUND, RT	16142	430.5	16142			
765+72.71	769+94.41	LT/RT	3567	95.1	3567			
769+94.41	770+10.27	OVERLAY, LT/RT				40	20	
TOTAL			38730	1033	38730	13947	31	30855

CURB AND GUTTER/ MEDIAN SCHEDULE					
LOCATION			42001300	60605000	X6060300
			PROTECTIVE COAT	CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
BEGIN STATION	END STATION	OFFSET	SQ YD	FOOT	SQ FT
MACARTHUR BLVD					
713+96.62	717+49.97	MEDIAN	339		3055
713+96.62	717+49.97	33' LT	101	353.5	
717+49.97	765+72.71	33' LT	1383	4823.0	
717+49.97	765+72.71	9' LT	1383	4823.0	
765+72.71	769+82.87	33' LT	119	414.0	
713+96.62	717+49.97	33' RT	101	353.5	
717+49.97	765+72.71	33' RT	1383	4823.0	
717+49.97	765+72.71	9' RT	1383	4823.0	
765+72.71	768+18.28	33' RT	70	245.5	
768+18.28	770+09.23	33' RT TO 42.8' RT	55	191.0	
765+72.71	769+64.72	MEDIAN	397		3569
TOTAL			6713	20849.5	6624

FIELD ENTRANCE SCHEDULE				
LOCATION			40200700	42300400
			AGGREGATE SURFACE COURSE, TYPE A 8"	PORTLAND CEMENT DRIVEWAY PAVEMENT, 8"
BEGIN STATION	END STATION	LT/RT	SQ YD	SQ YD
MACARTHUR BLVD				
712+64.77	728+19.38	LT		
728+60.08		LT	871	101
728+60.08		RT		33
729+00.79	761+87.50	LT		
758+00.00		RT		33
762+00.00		LT		33
762+12.50	769+79.53	LT		
TOTAL			871	200

PERMANENT SURVEY MARKER SCHEDULE		
LOCATION		66700205
		PERMANENT SURVEY MARKERS, TYPE 1
STATION	OFFSET	EACH
MACARTHUR BLVD		
716+69.05	0 ft.	1
725+67.88	0 ft.	1
744+00.00	0 ft.	1
762+70.31	0 ft.	1
767+25.48	0 ft.	1
TOTAL		5

EROSION CONTROL SCHEDULE										
LOCATION				25100630	28000350	28000400	28000500	28100127	28100701	28200200
				EROSION CONTROL BLANKET	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	STONE RIPRAP, CLASS B4	STONE DUMPED RIPRAP, CLASS A1	FILTER FABRIC
BEGIN STATION	OFFSET	END STATION	OFFSET	SQ YD	FOOT	FOOT	EACH	SQ YD	SQ YD	SQ YD
MACARTHUR BLVD										
713+96.62	LT	736+00.00	LT	3393	280	2552	3			
713+96.62	RT	736+00.00	RT	3188	250	2145	1			
731+77.00	LT							69	69	69
732+69.00	RT							52	52	52
735+22.00	RT							36	36	36
735+96.00	LT							56	56	56
736+00.00	LT	766+00.00	LT	3741	430	3171	2			
736+00.00	RT	766+00.00	RT	4010	380	3142	1			
745+40.00	LT	746+43.00	LT					171	171	171
747+07.00	RT							48	48	48
747+90.00	LT	749+50.00	LT					599	599	599
748+16.00	RT							235	235	235
749+15.00	RT							33	33	33
750+95.00	LT	752+10.00	LT					144	144	144
766+00.00	LT	769+60.64	LT	477	30	326				
766+00.00	RT	769+90.01	RT	509	40	393				
TOTAL				15318	1410	11729	7	1444	1444	1444

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MODEL: Sheet 6
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PAVEMENT MARKING SCHEDULE									
LOCATION			78001100	78001120	78001130	78001150	78001180	78100100	NOTE
			PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	PAINT PAVEMENT MARKING LINE 5"	PAINT PAVEMENT MARKING LINE 6"	PAINT PAVEMENT MARKING LINE 12"	PAINT PAVEMENT MARKING LINE 24"	RAISED REFLECTIVE PAVEMENT MARKER	
BEGIN STATION	END STATION	OFFSET	SQ FT	FOOT	FOOT	FOOT	FOOT	EACH	
MACARTHUR BLVD									
712+66.00	736+00.00	32.5' LT		2354					WHITE EOP
712+76.00	715+91.00	21' LT			315			8	WHITE TURN LANE, ONW-WAY CRYSTAL
712+76.00	715+91.00	9' LT			315			8	WHITE TURN LANE, ONW-WAY CRYSTAL
712+76.00	715+94.00	2.5' RT		321					YELLOW EOP
715+94.00	716+50.00	2.5' RT TO 9.5' LT		157					YELLOW EOP
716+50.00	736+00.00	9.5' LT		1950					YELLOW EOP
715+91.00	736+00.00	21' LT		502				25	WHITE SKIP DASH, ONE-WAY CRYSTAL
715+91.00	717+50.00	9' LT			40				WHITE TURN LANE SKIP DASH
712+76.00		LT/RT					49		STOP BAR
713+06.00		LT	18						LT & RT TURN ARROWS
713+31.00		LT	12						ONLY
714+31.00		LT	18						LT & RT TURN ARROWS
714+56.00		LT	12						ONLY
715+56.00		LT	18						LT & RT TURN ARROWS
715+81.00		LT	12						ONLY
712+67.00	736+00.00	55.3' RT TO 32.5' RT		2322					WHITE EOP
712+76.00	736+00.00	9.5' RT		2327					YELLOW EOP
712+76.00	736+00.00	21' RT		581				29	WHITE SKIP DASH, ONE-WAY CRYSTAL
736+00.00	766+00.00	32.5' LT		3000					WHITE EOP
736+00.00	766+00.00	9.5' LT		3000					YELLOW EOP
736+00.00	766+00.00	21' LT		750				38	WHITE SKIP DASH, ONE-WAY CRYSTAL
736+00.00	766+00.00	32.5' RT		3000					WHITE EOP
736+00.00	765+72.74	9.5' RT		2973					YELLOW EOP
736+00.00	766+00.00	21' RT		750				38	WHITE SKIP DASH, ONE-WAY CRYSTAL
766+00.00	769+76.30	32.5' LT TO 52.6' LT		378					WHITE EOP
766+00.00	769+65.22	9.5' LT 6' LT		367					YELLOW EOP
766+00.00	769+65.22	21' LT		91				5	WHITE SKIP DASH, ONE-WAY CRYSTAL
767+77.00	769+65.22	2.5' LT		191					YELLOW EOP
766+00.00	770+88.04	32.5' RT TO 32.8' RT		488					WHITE EOP
765+72.74	767+77.00	9.5' RT TO 2.5' LT		204					YELLOW EOP
766+00.00	769+65.22	21' RT		91				5	WHITE SKIP DASH, ONE-WAY CRYSTAL
767+77.00	769+61.72	9' RT			185			5	WHITE TURN LANE, ONE-WAY CRYSTAL
768+09.00		RT	9						LEFT TURN ARROW
769+34.00		RT	9						LEFT TURN ARROW
765+72.74	767+77.00	9' RT			51				WHITE TURN LANE SKIP DASH
770+78.69		LT		8					YELLOW EOP, MEDIAN NOSE
IRON BRIDGE ROAD SOUTH OF WOODSIDE ROAD									
707+03.00	711+37.58	R/L/L		1746				22	-----
707+03.00	711+37.58	R/L/L			160				YELLOW MEDIAN DIAGONALS
708+61.00	711+36.00	9' RT			275.00			7	WHITE TURN LANE, ONE-WAY CRYSTAL
709+80.00		RT	9						LEFT TURN ARROW
711+05.00		RT	9						LEFT TURN ARROW
709+70.00	711+36.00	21' RT		42				2	WHITE SKIP DASH, ONE-WAY CRYSTAL
707+03.00	708+61.00	9' RT			40				WHITE TURN LANE SKIP DASH
711+36.00						50			STOP BAR
WOODSIDE ROAD WEST LEG									
93+55.00	95+11.00	LT/RT						6	ONE-WAY AMBER IN MEDIAN TAPER
93+55.00	98+34.50	LT/RT		1922					DOUBLE YELLOW LINES
93+55.00	98+34.50	LT/RT			136				YELLOW MEDIAN DIAGONALS
93+55.00	98+33.00	20' RT		120				6	WHITE SKIP DASH, ONE-WAY CRYSTAL
93+55.00	95+11.00	8' RT			39				WHITE TURN LANE SKIP DASH
95+11.00	98+33.00	8' RT			322			8	WHITE TURN LANE, ONE-WAY CRYSTAL
95+11.00	98+33.00	LT/RT						18	TWO-WAY AMBER, AROUND FLUSH MEDIAN
95+16.00		RT	9						LEFT TURN ARROW
96+13.00		RT	9						LEFT TURN ARROW
97+10.00		RT	9						LEFT TURN ARROW
98+08.00		RT	9						LEFT TURN ARROW
98+33.00						45			STOP BAR
MACARTHUR BOULEVARD/KNIGHT'S RECREATION DRIVE									
770+32.30	783+72.85	128' LT TO 37.9' LT		1400					WHITE EOP, OFFSET VARIES
770+88.04	783+72.85	LT		321				16	WHITE SKIP DASH, OFFSET VARIES, ONE-WAY CRYSTAL
769+89.22	770+20.27	63' LT					31		STOP BAR - RECREATION DR.
770+20.27	770+20.27	63' LT TO 73.7' LT		22					DOUBLE YELLOW LINE
TOTAL			162	31,378	1,581	296	175	246	

SIGN SCHEDULE									
LOCATION		SIGN DETAILS		72000100	72000200	72800100	73000100	73100100	X7240207
				SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	TELESCOPING STEEL SIGN SUPPORT	WOOD SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT	REMOVE EXISTING SIGN COMPLETE
STATION	OFFSET	TYPE	DESCRIPTION	SQ FT	SQ FT	FOOT	FOOT	EACH	EACH
MACARTHUR BLVD									
717+00.00	38' LT	R3-3B	TURN LANE ONLY ARROWS, 30X48		10		30		
718+00.00	38' LT	R3-7R	RIGHT LANE MUST TURN RIGHT, 36X36	9.0			15		
718+00.00	38' RT	R2-1	SPEED LIMIT 45 MPH, 30X36	7.5			15		
719+00.00	38' LT	W3-3	TRAFFIC SIGNAL AHEAD SYMBOL, 30X30	6.3			15		
718+50.00	38' LT	W16-8P	WOODSIDE ROAD, 30X8	1.7					
764+50.00	38' RT	W2-2	INTERSECTION AHEAD SYMBOL, 30X30	6.3			15		
765+00.00	38' RT	W16-8P	KNIGHTS RECREATION DRIVE, 54X8	3.0			30		
765+00.00	38' LT	R2-1	SPEED LIMIT 45 MPH, 30X36	7.5			15		
769+50.00	5.5' LT	R4-7	STAY RIGHT OF MEDIAN SYMBOL, 24X30	5		12		1	
769+84.00	63' LT	R1-1	STOP SIGN, 36X36	9.0			15		
769+84.00	63' LT	R6-3	DIVIDED ROADWAY SYMBOL, 30X24	5.0					
769+90.00	200' LT		REMOVE EXISTING SIGN						1
770+17.00	48' RT	W1-7	TWO-WAY ARROW, 48X24	8.0			30		
770+17.00	48' RT	W4-4P	CROSS TRAFFIC DOES NOT STOP, 24X12	2.0					
770+17.00	48' RT		REMOVE EXISTING ARROW SIGN						1
770+21.00	48' RT	D3-1	STREET NAME: MACARTHUR BLVD., 8X54	3.0			30		
769+96.00	188' LT	W3-1	STOP SIGN AHEAD, 30X30	6.3			17		
769+96.00	163' LT	W16-8P	MACARTHUR BLVD, 8X36	2.0					
773+87.50	59' LT		REMOVE EXISTING SIGN						1
774+00.00	47' LT	W2-2	INTERSECTION AHEAD SYMBOL, 30X30	6.3			15		
773+00.00	47' LT	W16-8P	KNIGHTS RECREATION DRIVE, 54X8	3.0			30		
784+73.00	68' LT		REMOVE EXISTING SIGN						1
TOTAL									
TOTAL				90.9	10.0	12	272	1	4



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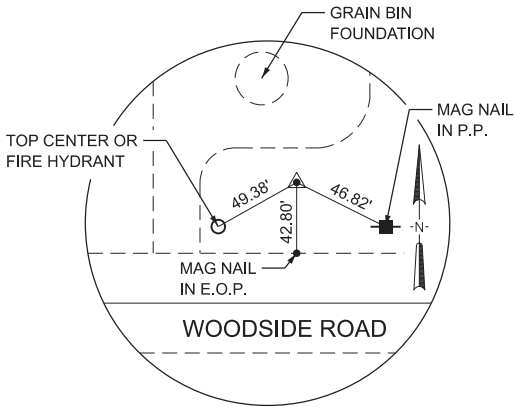
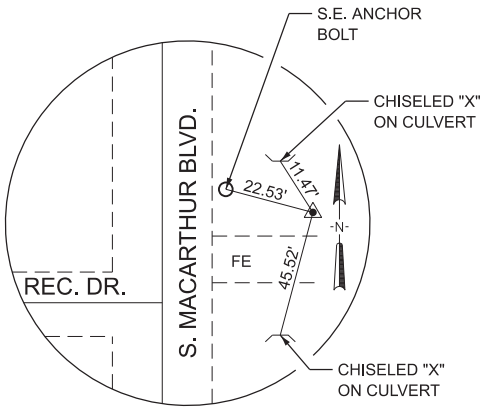
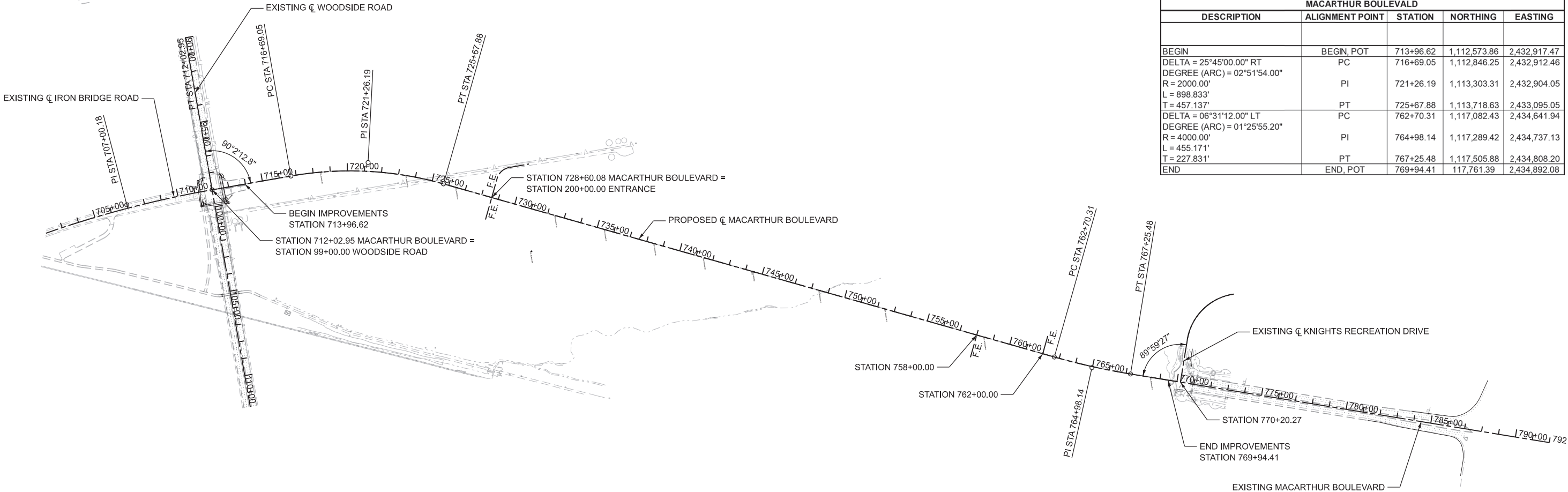
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD SCHEDULE OF QUANTITIES			
SCALE:	SHEET 6 OF 6 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	15
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

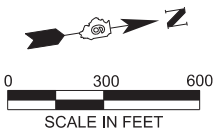
MACARTHUR BOULEVALD				
DESCRIPTION	ALIGNMENT POINT	STATION	NORTHING	EASTING
BEGIN	BEGIN, POT	713+96.62	1,112,573.86	2,432,917.47
DELTA = 25°45'00.00" RT	PC	716+69.05	1,112,846.25	2,432,912.46
DEGREE (ARC) = 02°51'54.00"	PI	721+26.19	1,113,303.31	2,432,904.05
R = 2000.00'				
L = 898.833'	PT	725+67.88	1,113,718.63	2,433,095.05
T = 457.137'	PC	762+70.31	1,117,082.43	2,434,641.94
DELTA = 06°31'12.00" LT	PI	764+98.14	1,117,289.42	2,434,737.13
DEGREE (ARC) = 01°25'55.20"				
R = 4000.00'	PT	767+25.48	1,117,505.88	2,434,808.20
L = 455.171'	END, POT	769+94.41	117,761.39	2,434,892.08
T = 227.831'				
END				



BENCHMARKS

BM 1 : CHISELED "X" ON S.E. ANCHOR BOLT OF LIGHT POLE AT SE CORNER OF RECREATION DRIVE & S. MACAUTHUR BLVD. NORTH OF FIELD ENTRANCE. EL. 598.97

BM 2 : CHISELED "X" ON TOP SOUTH CAP BOLT OF FIRE HYDRANT ON NORTH SIDE OF WOODSIDE ROAD. ±325' WEST OF PEDIGO LANE. EL. 595.35



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		DRAWN	-	REVISED	-
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

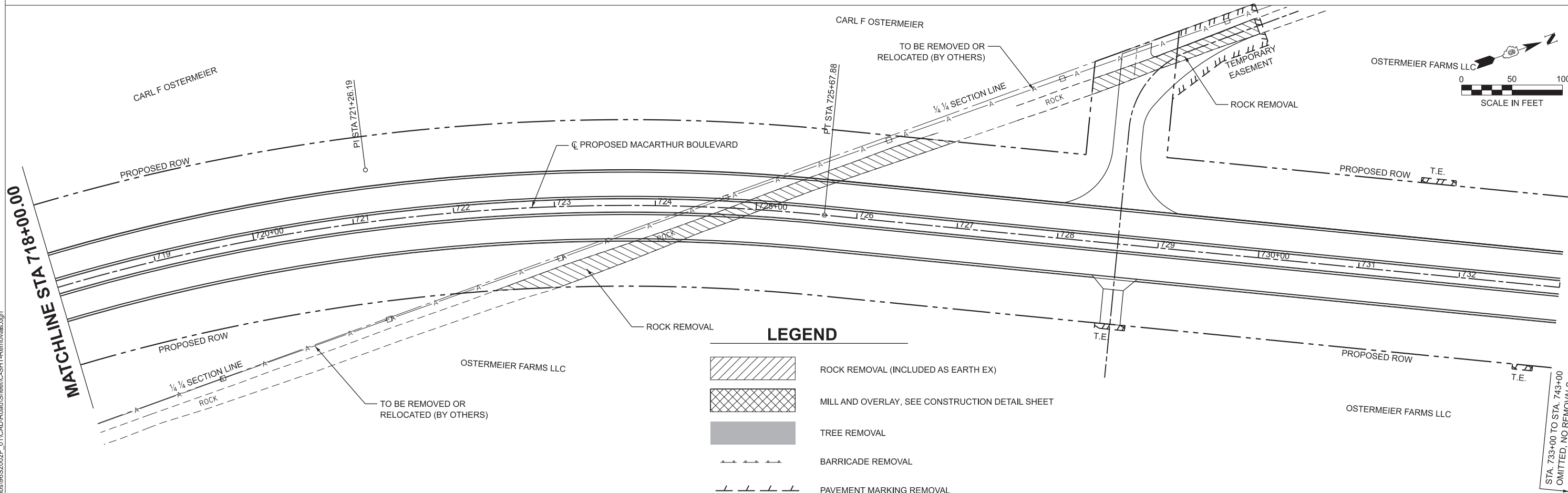
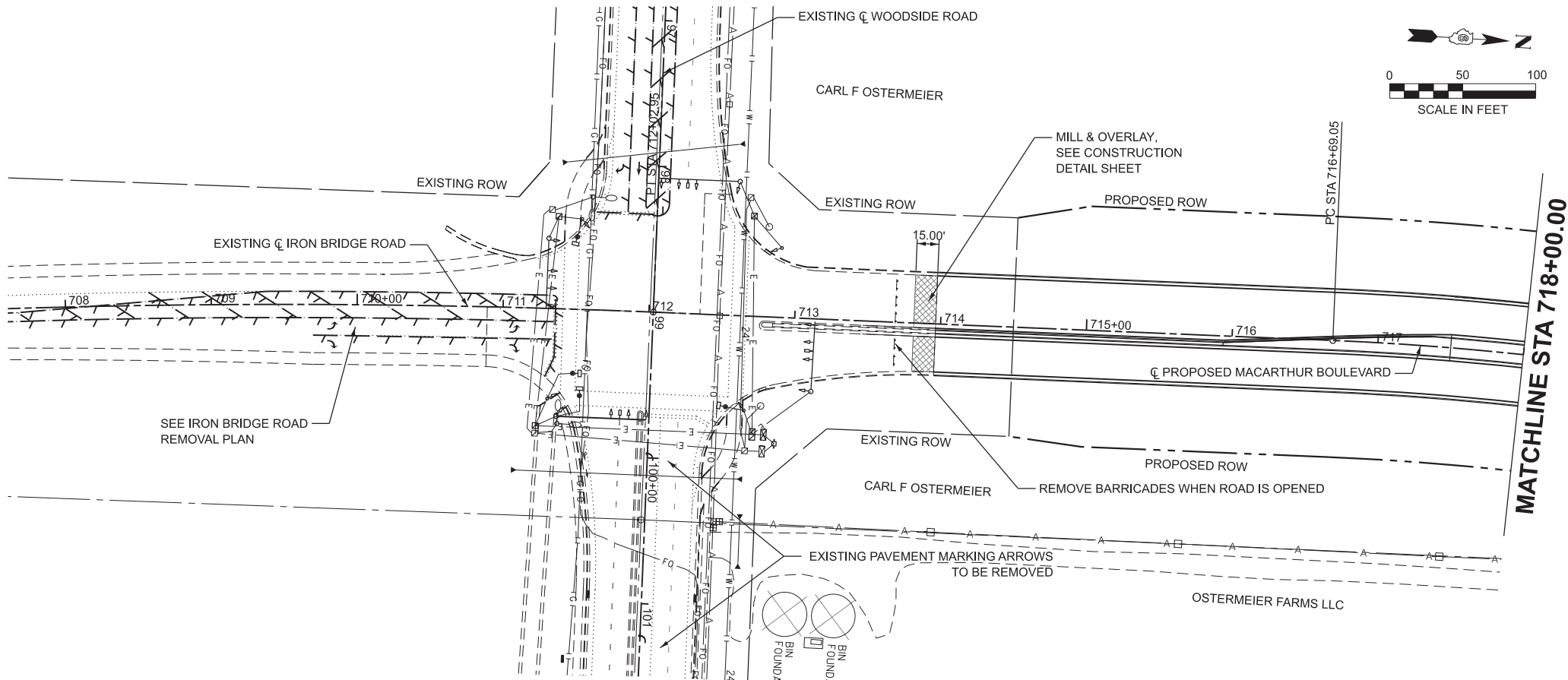
MACARTHUR BOULEVARD			
ALIGNMENT, TIES AND BENCHMARKS			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	16
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS FED. AID PROJECT		

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NOTE: SEE REMOVAL PLAN -
WOODSIDE / IRON BRIDGE / MACARTHUR BLVD INTERSECTION
FOR MORE INFORMATION



LEGEND	
	ROCK REMOVAL (INCLUDED AS EARTH EX)
	MILL AND OVERLAY, SEE CONSTRUCTION DETAIL SHEET
	TREE REMOVAL
	BARRICADE REMOVAL
	PAVEMENT MARKING REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
REMOVAL PLAN - MACARTHUR BOULEVARD

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 703+00.00 TO STA. 733+00.00

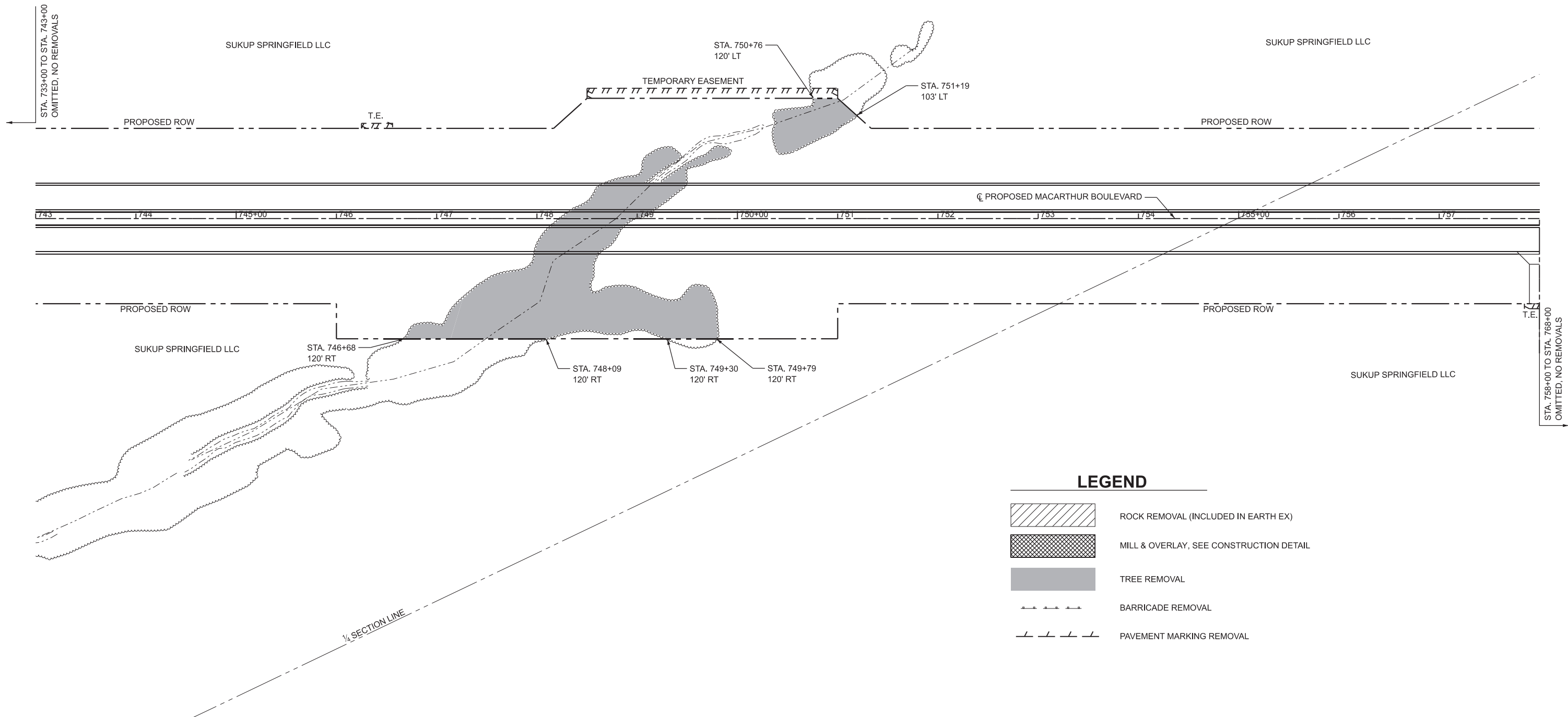
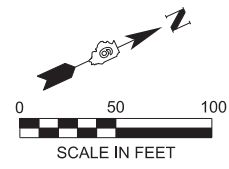
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96S2002F-01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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PLOT DATE = 2/25/2025	DATE -	REVISED -

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LEGEND

ROCK REMOVAL (INCLUDED IN EARTH EX)

MILL & OVERLAY, SEE CONSTRUCTION DETAIL

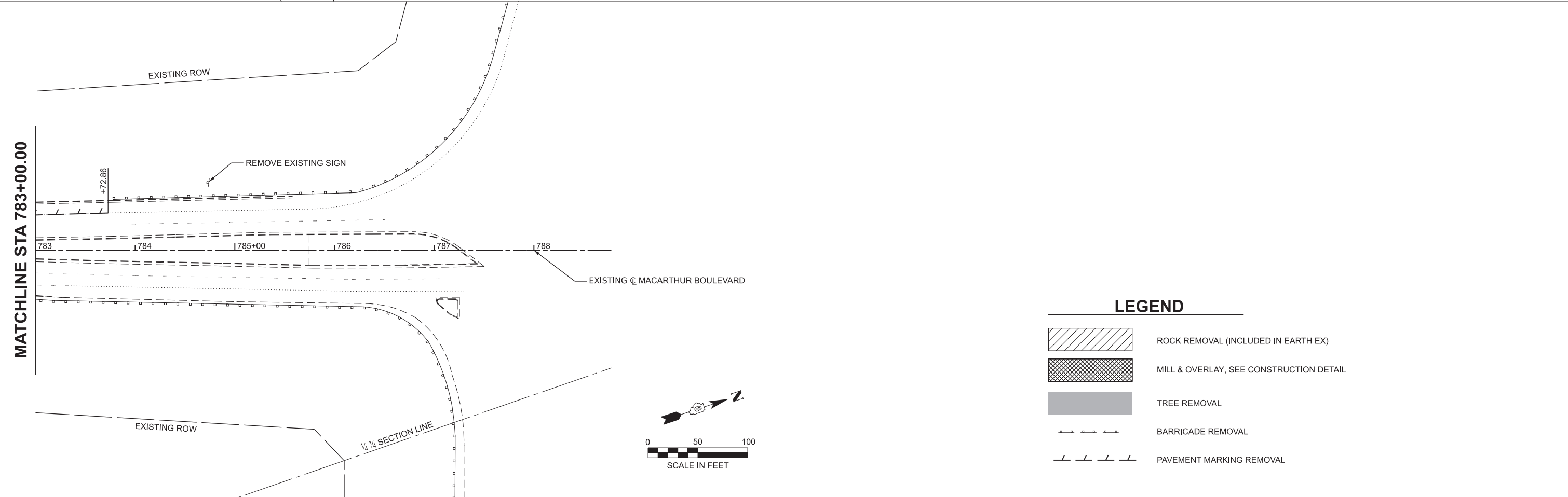
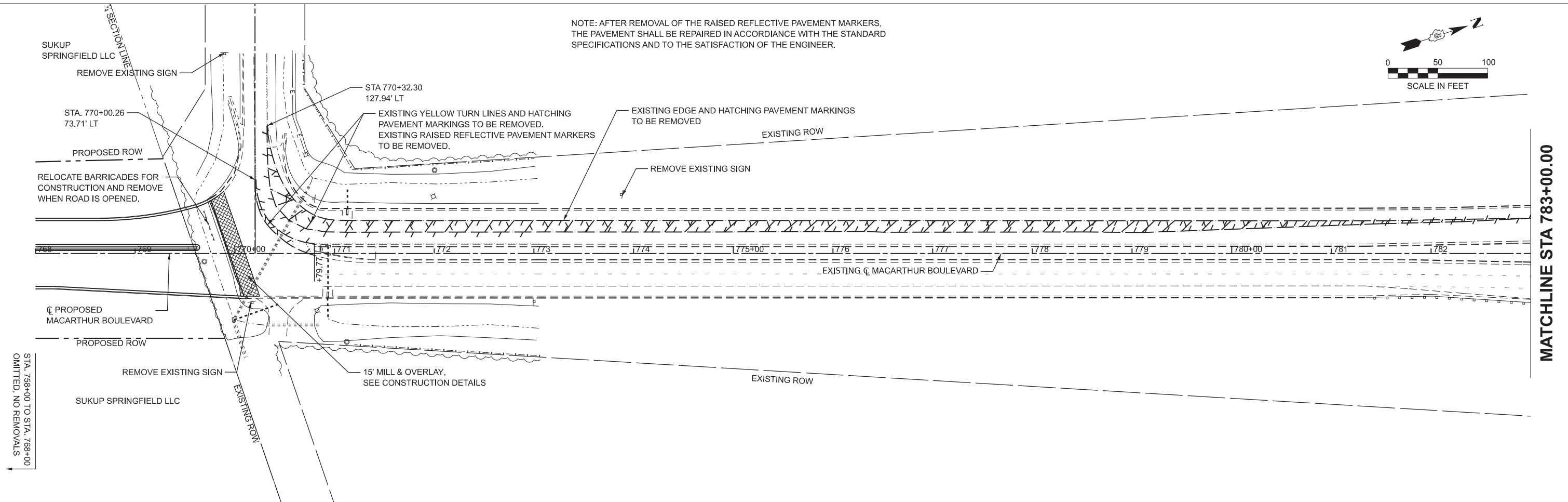
TREE REMOVAL

BARRICADE REMOVAL

PAVEMENT MARKING REMOVAL

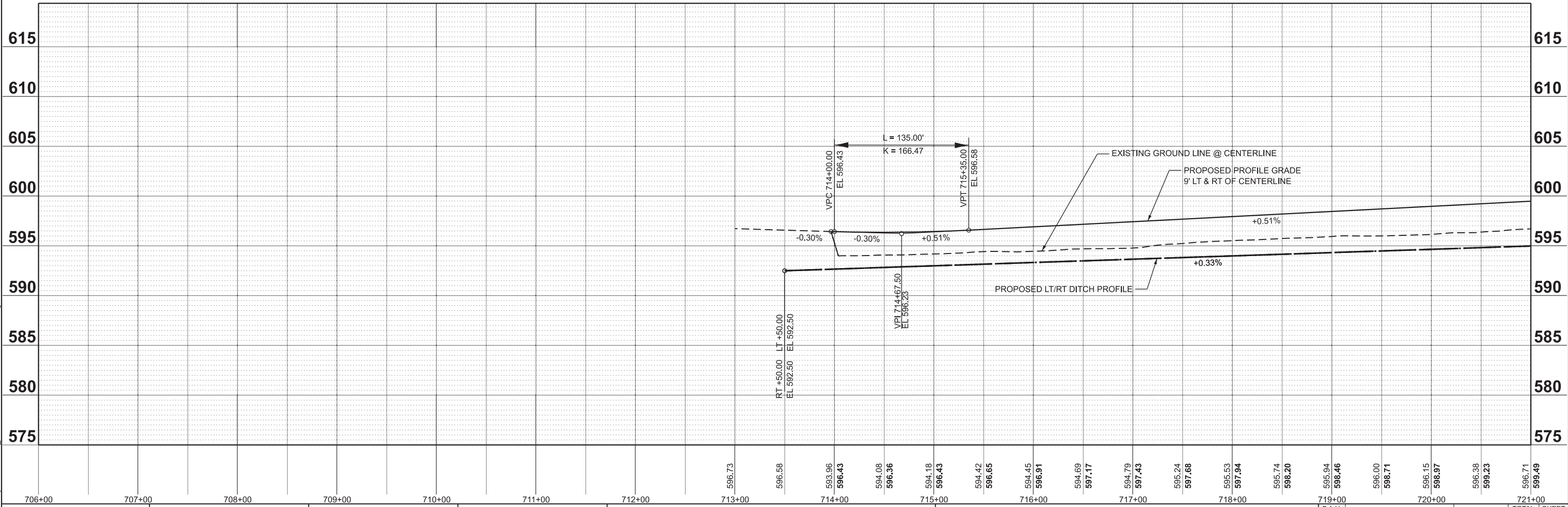
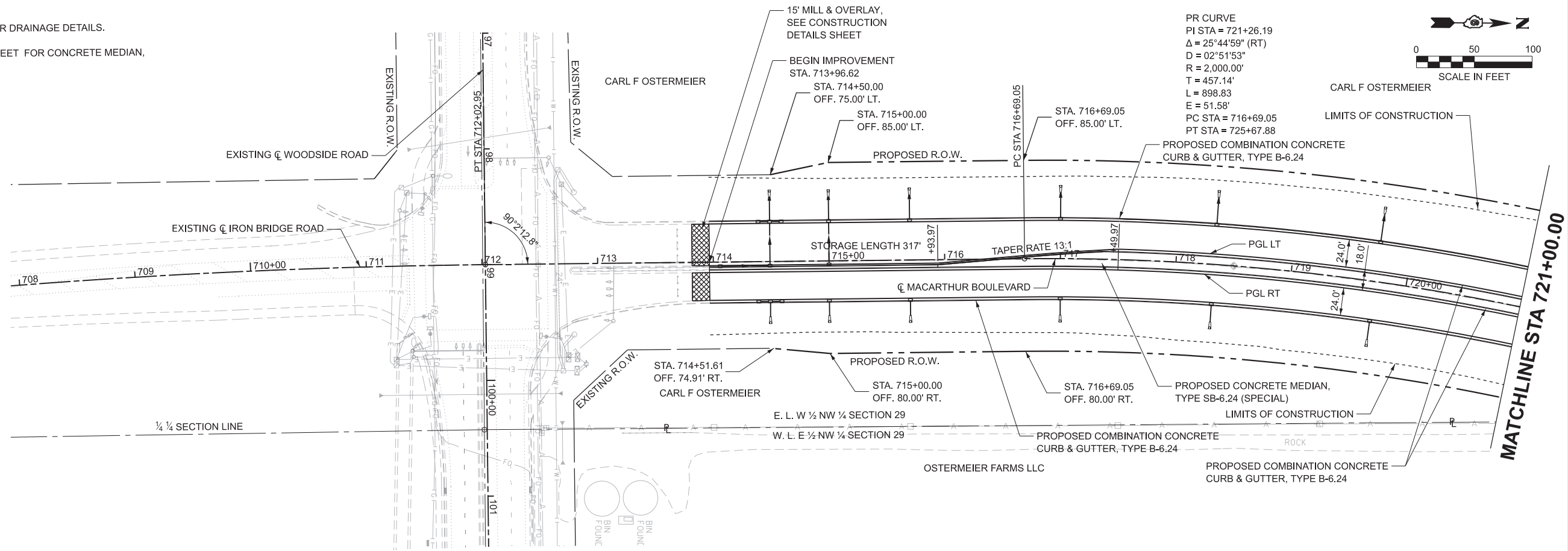
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 © Copyright Hanson Professional Services Inc. 2024	USER NAME = hardj02376	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MACARTUR BOULEVARD REMOVAL PLAN - MACARTUR BOULEVARD				F.A.U. RTE. 8071	SECTION 05-00164-03-FP	COUNTY SANGAMON	TOTAL SHEETS 97	SHEET NO. 18
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	PLOT DATE = 12/29/2024	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
						SCALE: 1"=50'	SHEET 2 OF 3 SHEETS	STA. 743+00.00 TO STA. 758+00.00					



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	PLOT DATE = 2/25/2025	CHECKED -	REVISED -		SCALE: 1"=50'			96S2002F-01		CONTRACT NO. 93833		
		DATE -	REVISED -		SHEET 3	OF 3	SHEETS	STA. 768+00.00	TO STA. 798+00.00	ILLINOIS	FED. AID PROJECT	

NOTES: SEE DRAINAGE PLAN SHEETS FOR DRAINAGE DETAILS.
SEE CONSTRUCTION DETAILS SHEET FOR CONCRETE MEDIAN,
TYPE SB-6.24 (SPECIAL) DETAIL.



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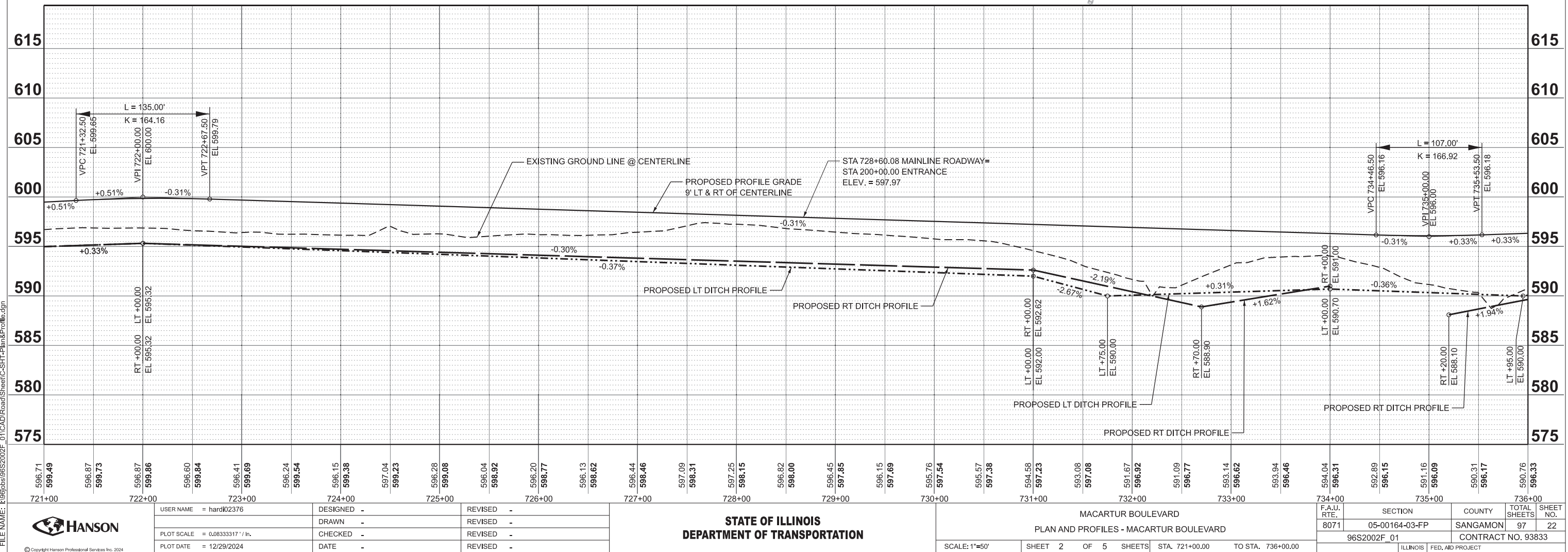
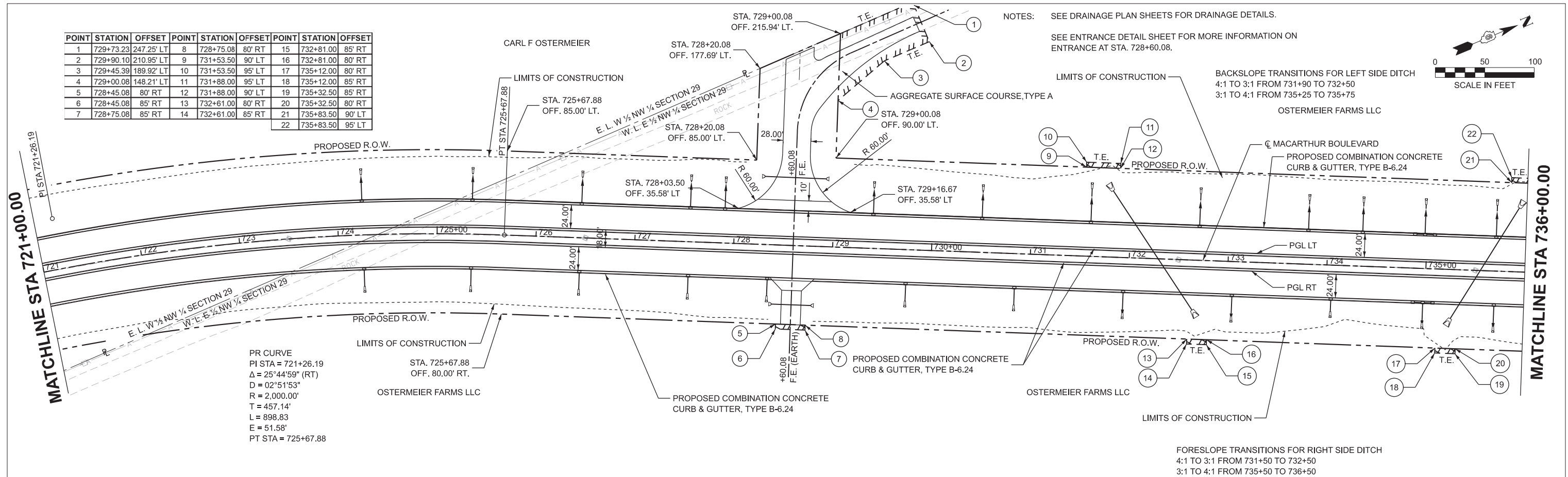
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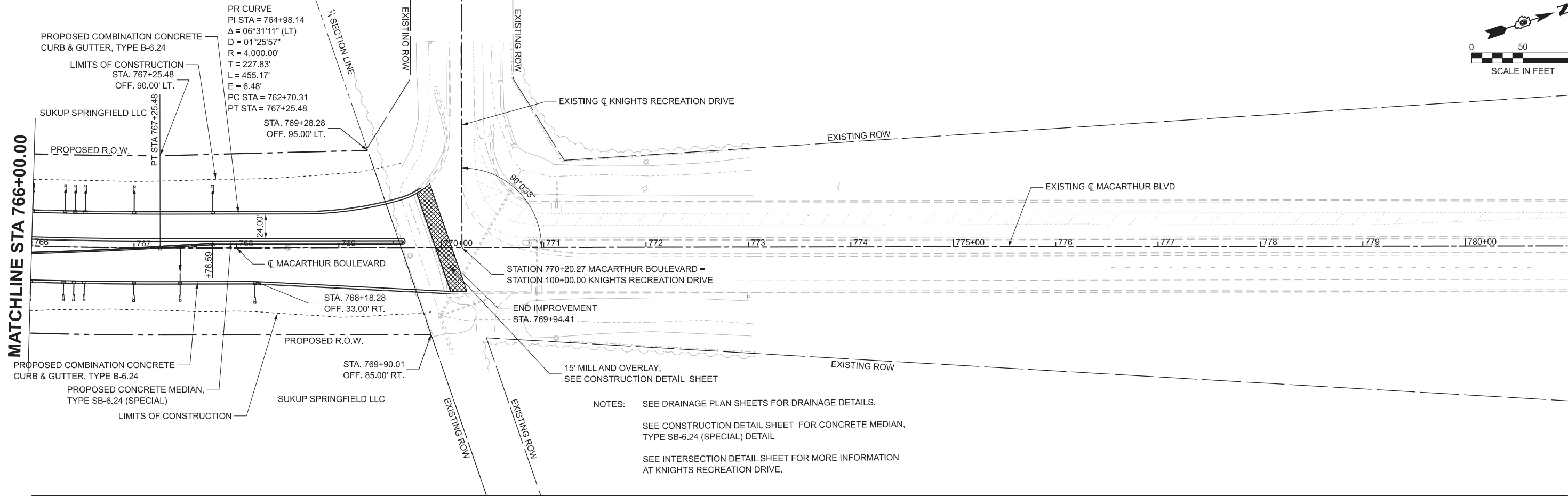
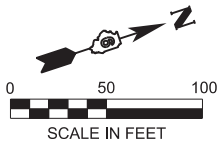
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD	
PLAN AND PROFILES - MACARTHUR BOULEVARD	
SCALE: 1"=50'	SHEET 1 OF 5 SHEETS
STA. 706+00.00	TO STA. 721+00.00

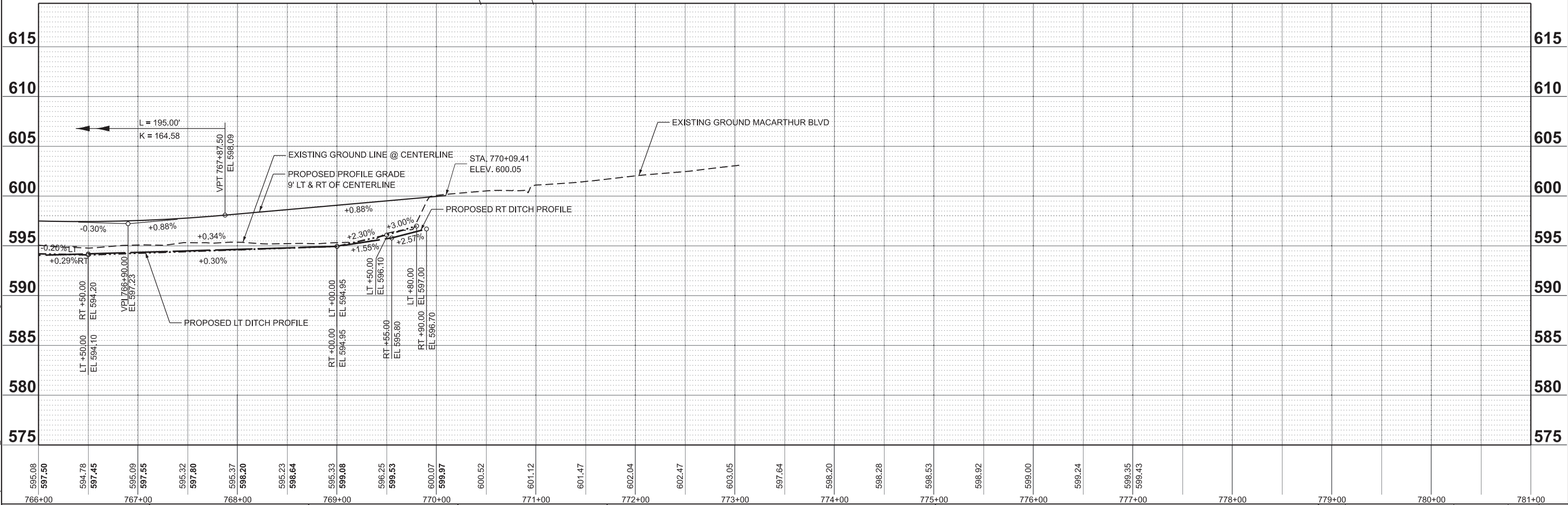
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8071	05-00164-03-FP	SANGAMON	97	21
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

POINT	STATION	OFFSET	POINT	STATION	OFFSET	POINT	STATION	OFFSET
1	729+73.27	247.95' LT	8	728+75.08	80' LT	15	732+81.00	85' RT
2	729+90.10	210.95' LT	9	731+53.50	90' LT	16	732+81.00	80' RT
3	729+45.39	188.92' LT	10	731+53.50	95' LT	17	735+12.00	80' RT
4	729+00.08	148.21' LT	11	731+88.00	95' LT	18	735+12.00	85' RT
5	728+45.08	80' RT	12	731+88.00	90' LT	19	735+32.50	85' RT
6	728+45.08	85' RT	13	732+61.00	80' RT	20	735+32.50	80' RT
7	728+75.08	85' RT	14	732+61.00	85' RT	21	735+83.50	90' LT
						22	735+83.50	95' LT





NOTES: SEE DRAINAGE PLAN SHEETS FOR DRAINAGE DETAILS.
SEE CONSTRUCTION DETAIL SHEET FOR CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL) DETAIL
SEE INTERSECTION DETAIL SHEET FOR MORE INFORMATION AT KNIGHTS RECREATION DRIVE.



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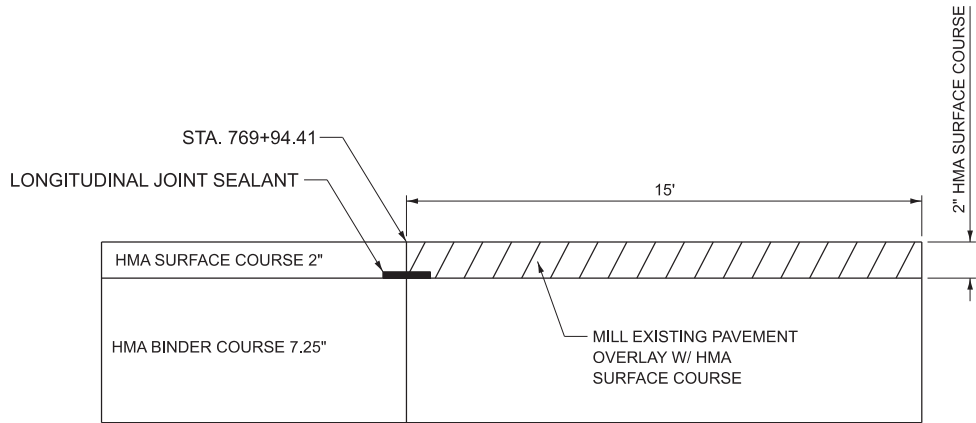


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

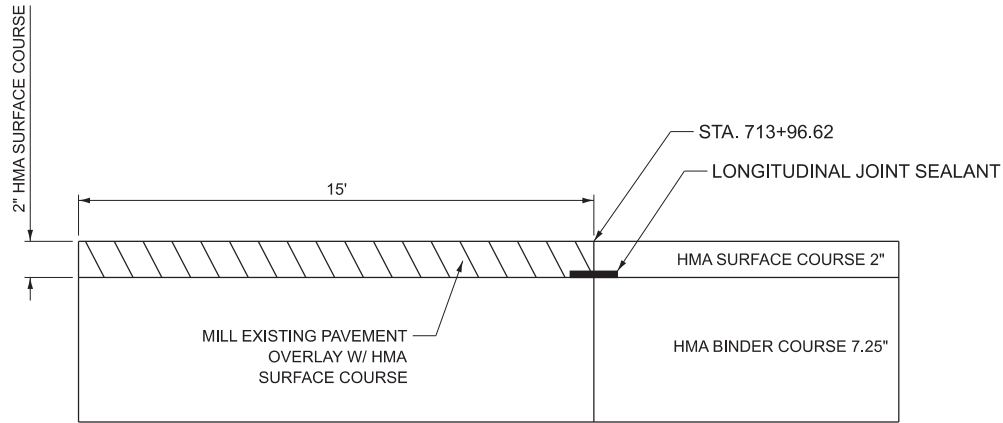
MACARTHUR BOULEVARD			
PLAN AND PROFILES - MACARTHUR BOULEVARD			
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FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	25
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



MILL & OVERLAY AT KNIGHTS RECREATION DRIVE INTERSECTION

STA. 769+94.41



MILL & OVERLAY AT MACARTHUR BOULEVARD STUB SOUTH END OF PROJECT

STA. 713+96.62

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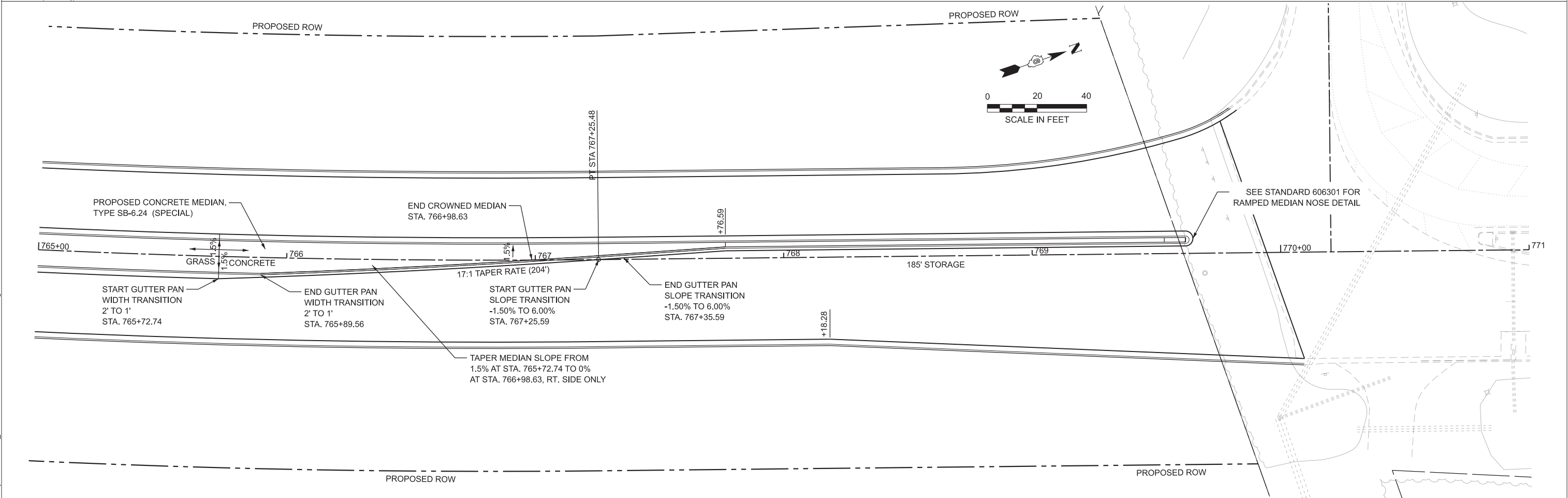
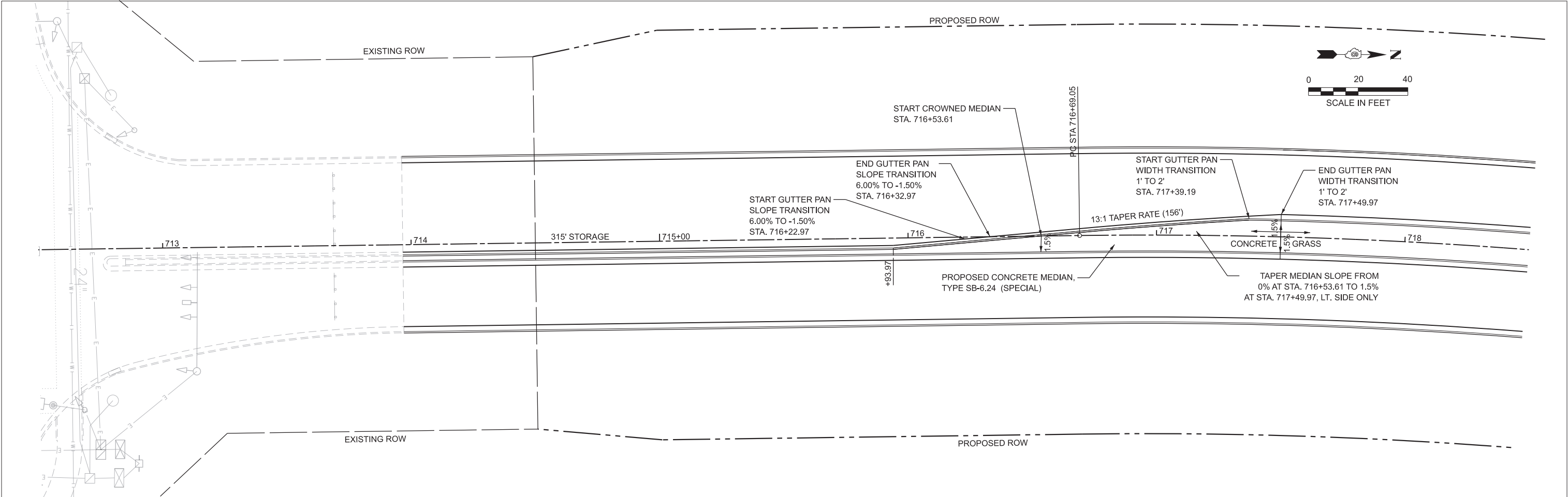
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
CONSTRUCTION DETAILS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	26
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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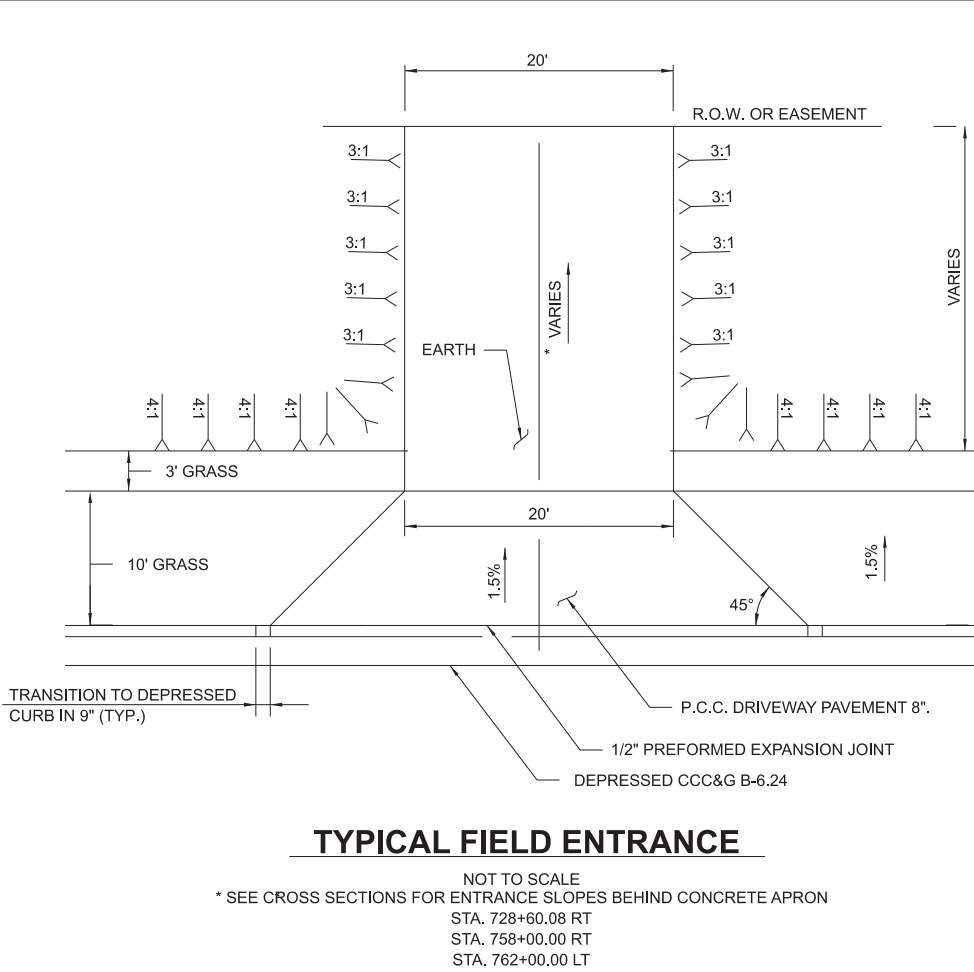
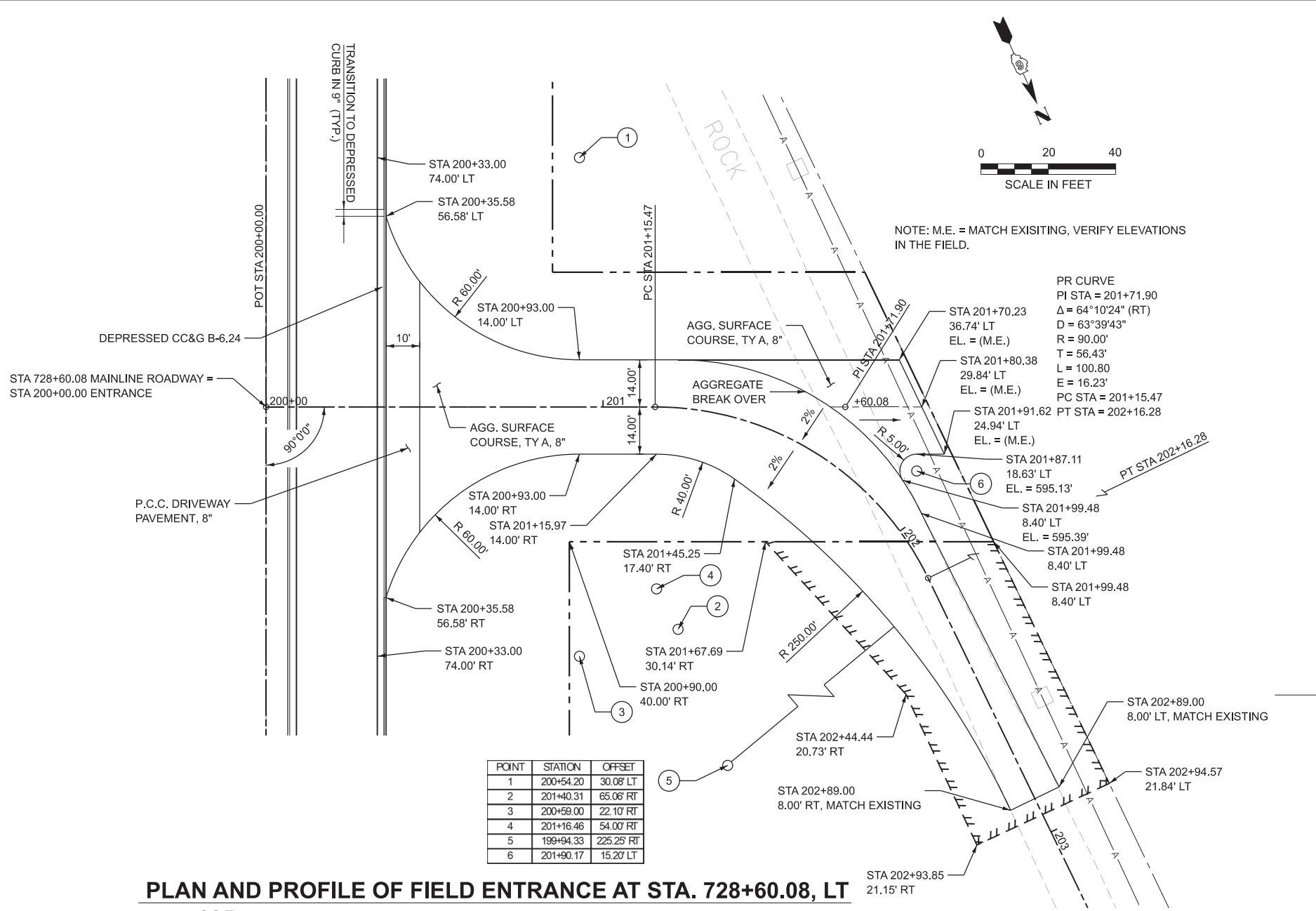
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

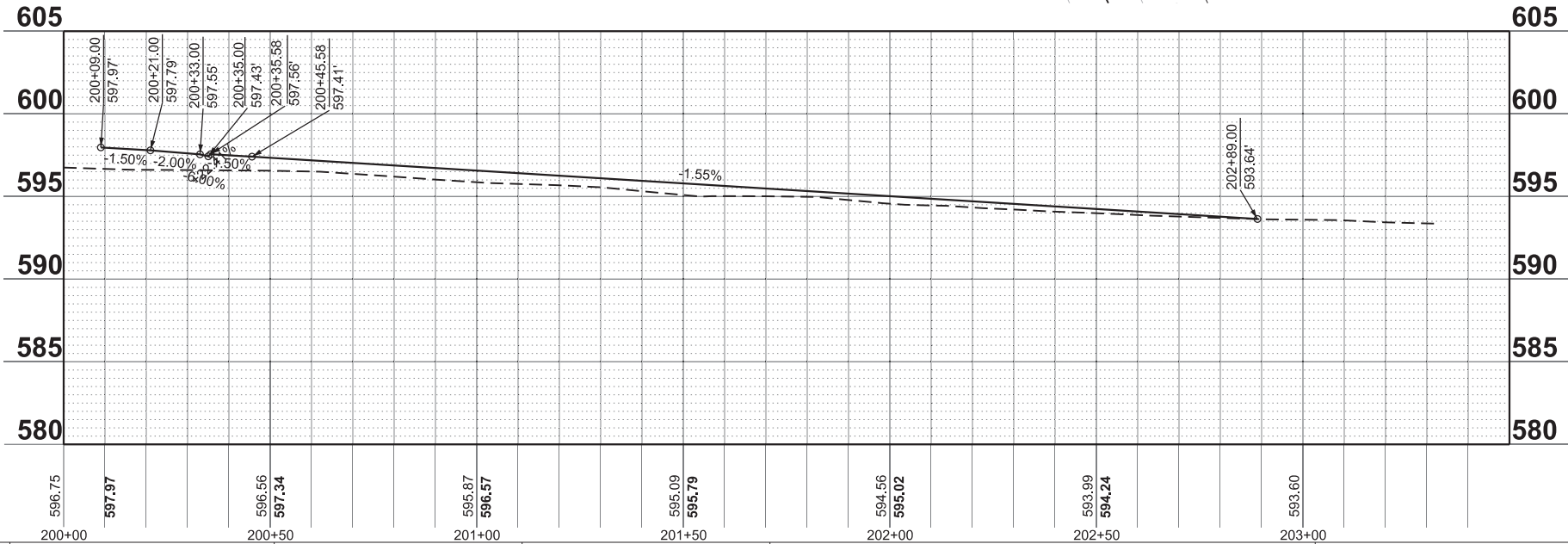
MACARTUR BOULEVARD
CONSTRUCTION DETAILS

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 712+50.00 TO STA. 771+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	27
96S2002F-01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



PLAN AND PROFILE OF FIELD ENTRANCE AT STA. 728+60.08, LT



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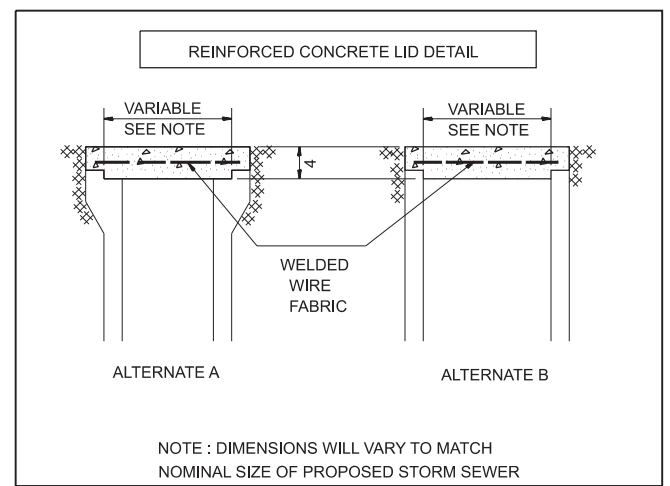
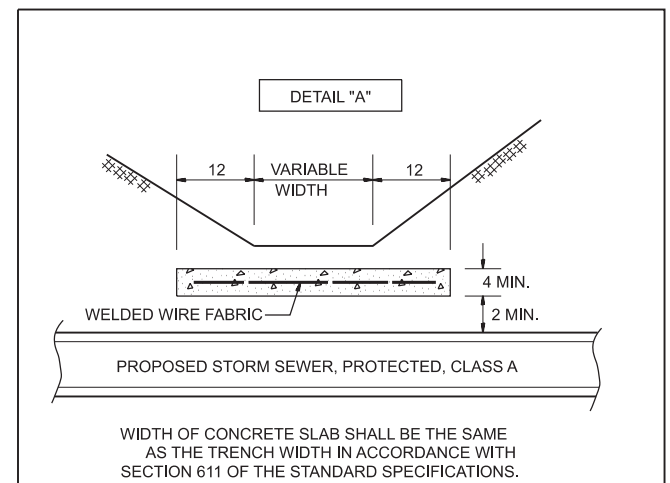
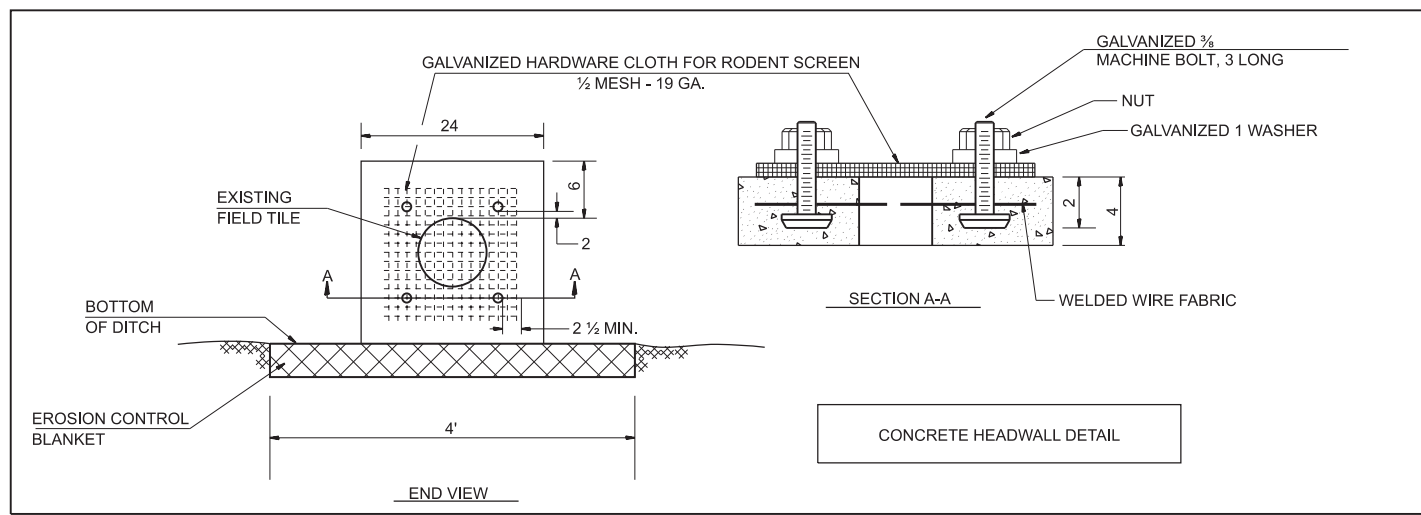
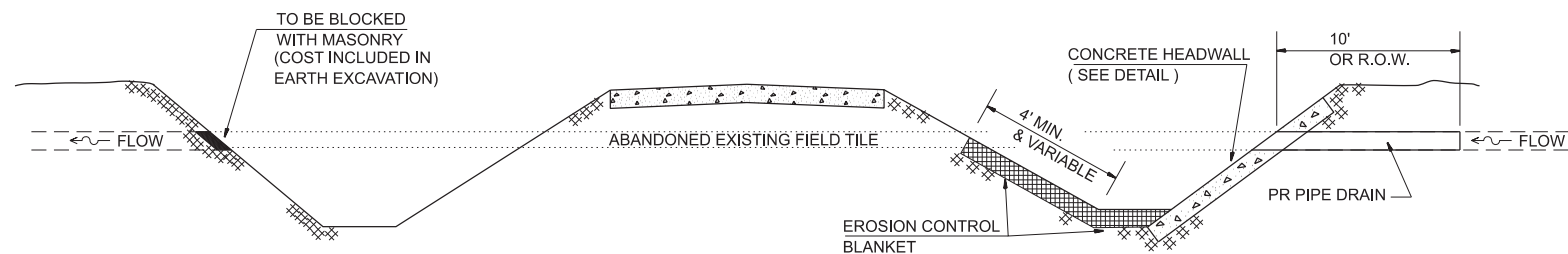
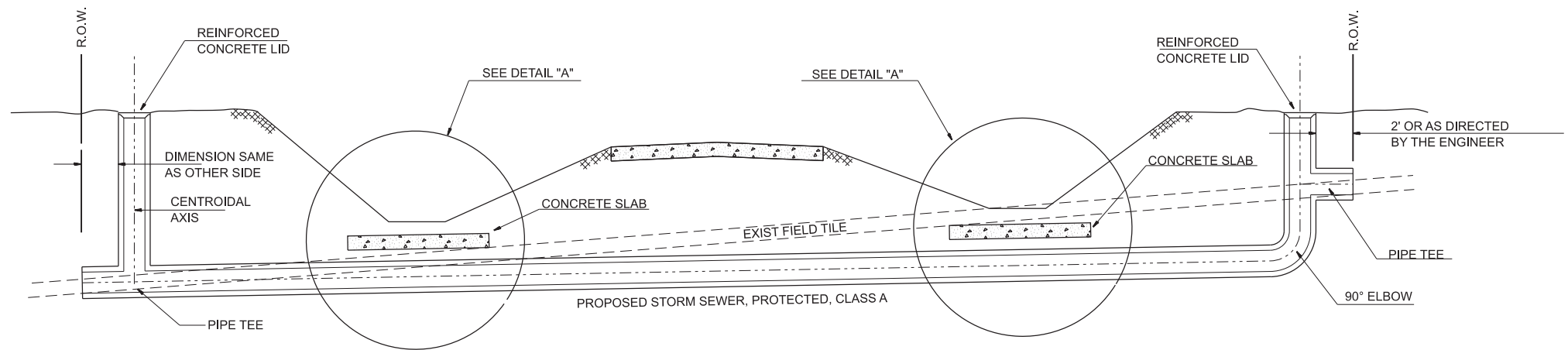
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
FIELD ENTRANCE PLAN AND PROFILE AND FIELD ENTRANCE DETAILS

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 200+00.00 TO STA. 203+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	28
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

GENERAL NOTES

1. FIELD TILE SHALL BE REPLACED IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS. THE COST PER CONTRACT UNIT PRICE OF ITEMS INCLUDED IN THIS CONTRACT SHALL BE PAID FOR AS STATED IN SECTION 611 OF THE STANDARD SPECIFICATIONS. IF THE CONTRACT UNIT PRICE IS NOT INCLUDED IN THIS CONTRACT, PAYMENT FOR THIS WORK WILL BE IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE DIAMETER OF THE PROPOSED STORM SEWER SHALL BE EQUAL TO OR GREATER THAN THE EXISTING FIELD TILE.
3. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE DEPTH OF COVER. THE LINEAL FOOT MEASUREMENT WILL BE ALONG THE CENTROIDAL AXIS AND INCLUDE ALL BENDS, ELBOWS, OR PIPE TEE'S WHICH ARE REQUIRED.
4. THE REINFORCED CONCRETE LID SHALL BE CLASS SI CONCRETE (MISCELLANEOUS) OR PRECAST REINFORCED CONCRETE.
5. ALL HARDWARE, WELDED WIRE FABRIC, RODENT SCREENS AND OTHER REINFORCEMENT AND ANCHORS AS SHOWN OR AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST FOR MISCELLANEOUS CONCRETE.

MODEL: Sheet 1
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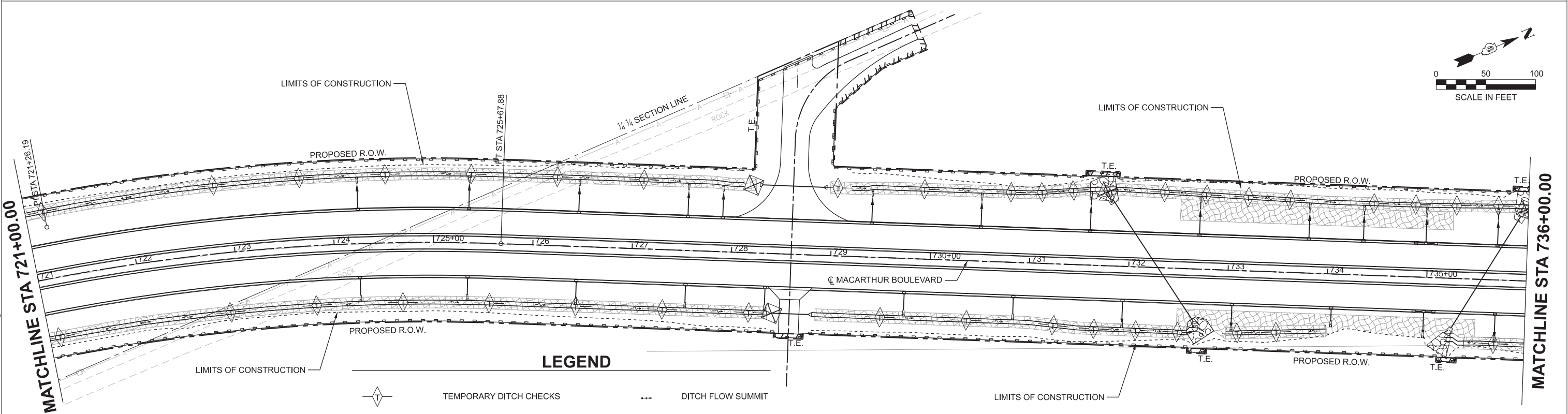
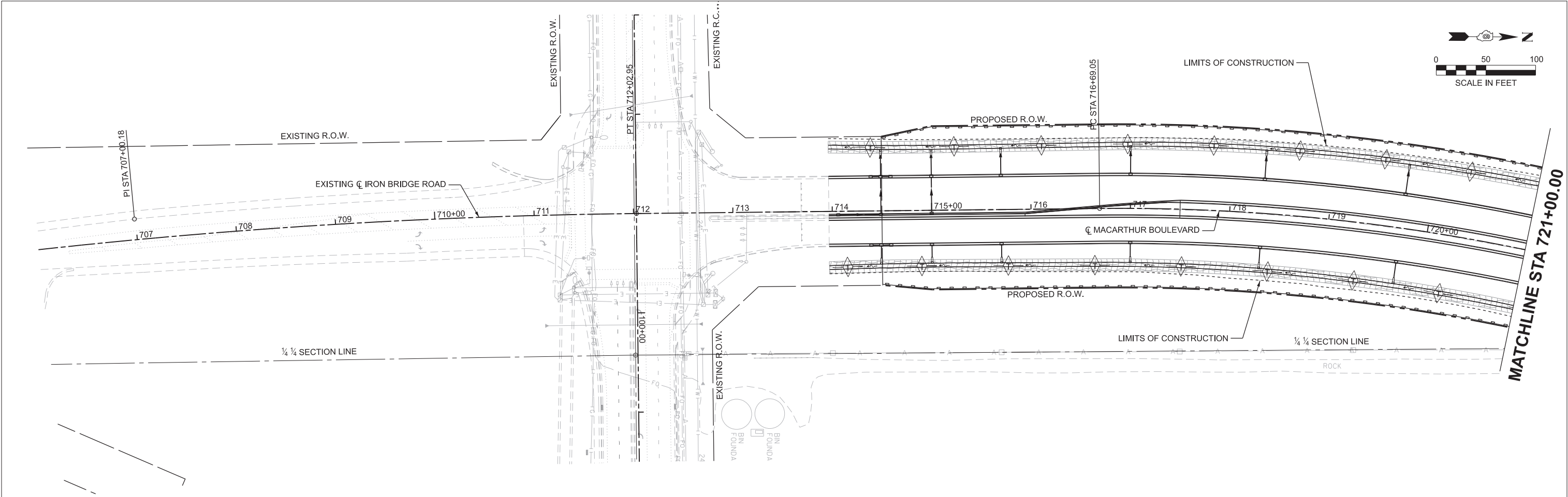
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	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD FIELD TILE REPLACEMENT DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	29
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS FED. AID PROJECT		



LEGEND

TEMPORARY DITCH CHECKS

EROSION CONTROL BARRIER

INLET AND PIPE PROTECTION

DITCH FLOW

DITCH FLOW SUMMIT

EROSION CONTROL BLANKET

STONE RIPRAP, CLASS B4

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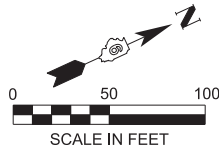
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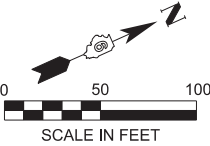
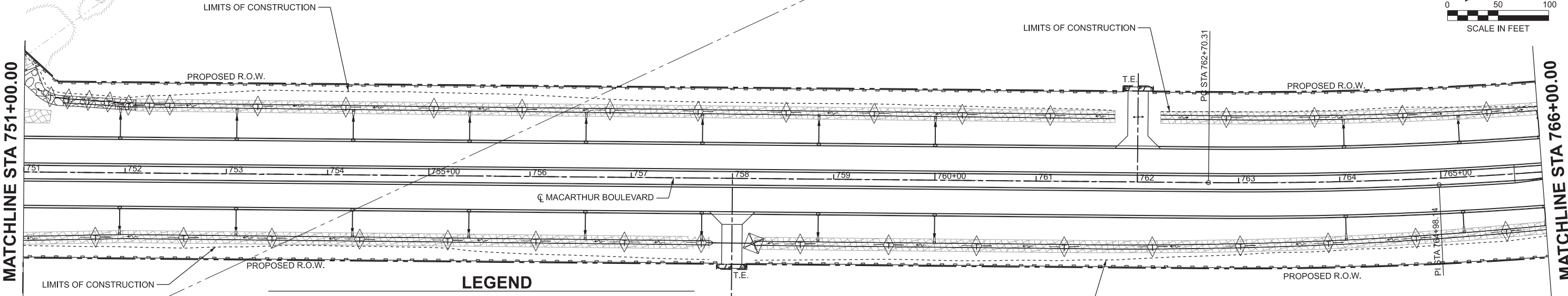
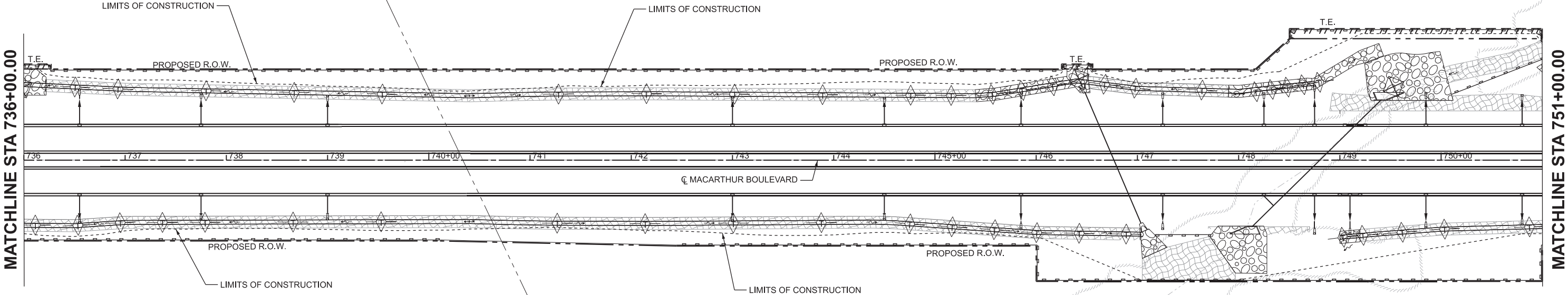
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD			
EROSION CONTROL PLANS - MACARTHUR BOULEVARD			
SCALE: 1"=50'	SHEET 1 OF 3 SHEETS	STA. 706+00.00	TO STA. 736+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	30
96S2002F-01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



NOTE: RESTORE AND STABILIZE EXISTING CHANNEL AS DIRECTED BY THE ENGINEER AND INSTALL EROSION CONTROL BARRIER UPON COMPLETION OF TREE REMOVAL.



- TEMPORARY DITCH CHECKS
- EROSION CONTROL BARRIER
- INLET AND PIPE PROTECTION
- DITCH FLOW
- DITCH FLOW SUMMIT
- EROSION CONTROL BLANKET
- STONE RIPRAP, CLASS B4

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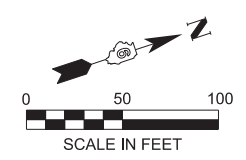
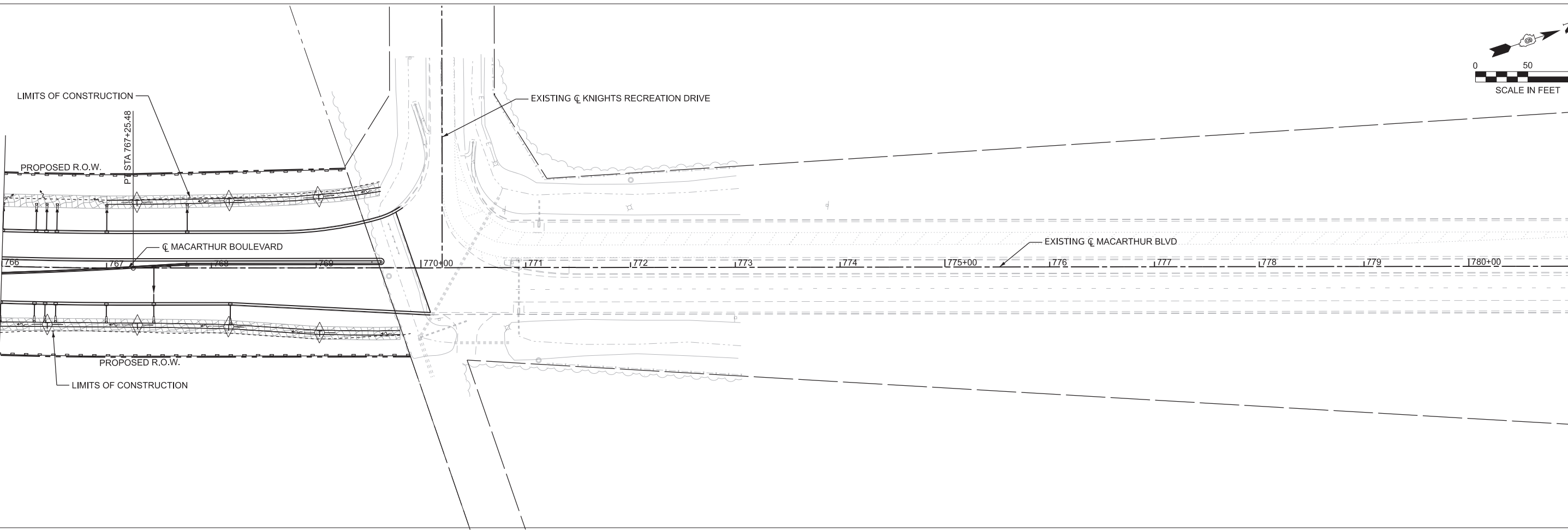
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
EROSION CONTROL PLANS - MACARTUR BOULEVARD

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 736+00.00 TO STA. 766+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	31
96S2002F-01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

MATCHLINE STA 766+00.00



LEGEND

- | | | | |
|--|---------------------------|--|-------------------------|
| | TEMPORARY DITCH CHECKS | | DITCH FLOW SUMMIT |
| | EROSION CONTROL BARRIER | | EROSION CONTROL BLANKET |
| | INLET AND PIPE PROTECTION | | STONE RIPRAP, CLASS B4 |
| | DITCH FLOW | | |

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PLOT DATE	= 2/25/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
EROSION CONTROL PLANS - MACARTHUR BOULEVARD

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 766+00.00 TO STA. 781+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	32
96S2002F-01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

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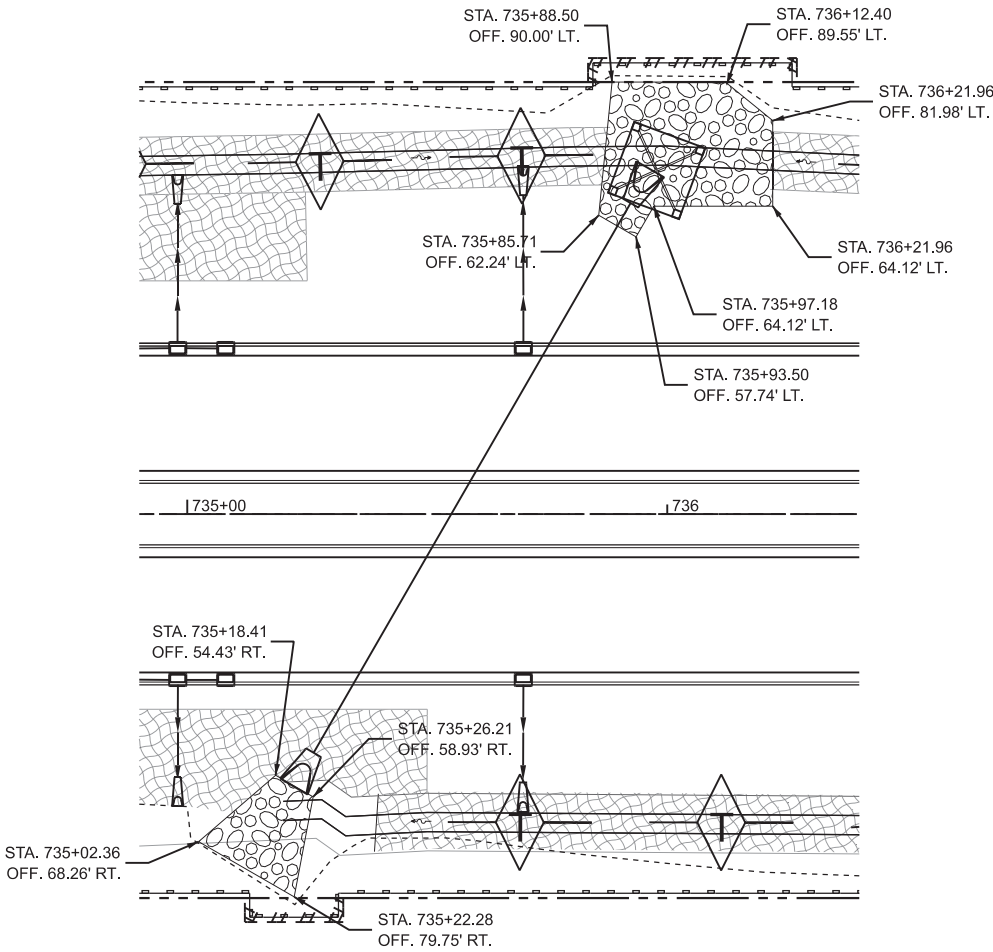
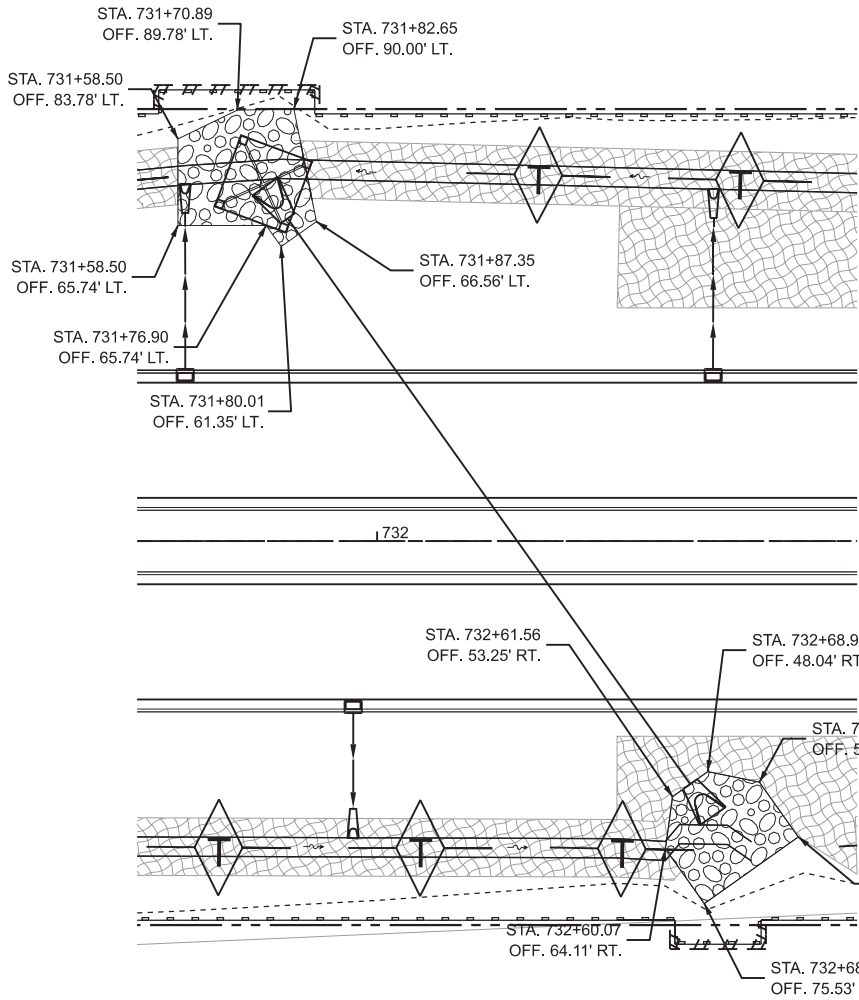
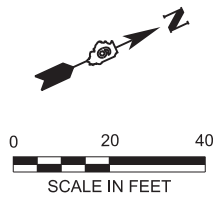
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
EROSION CONTROL RIPRAP DETAILS

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

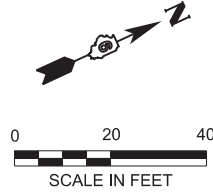
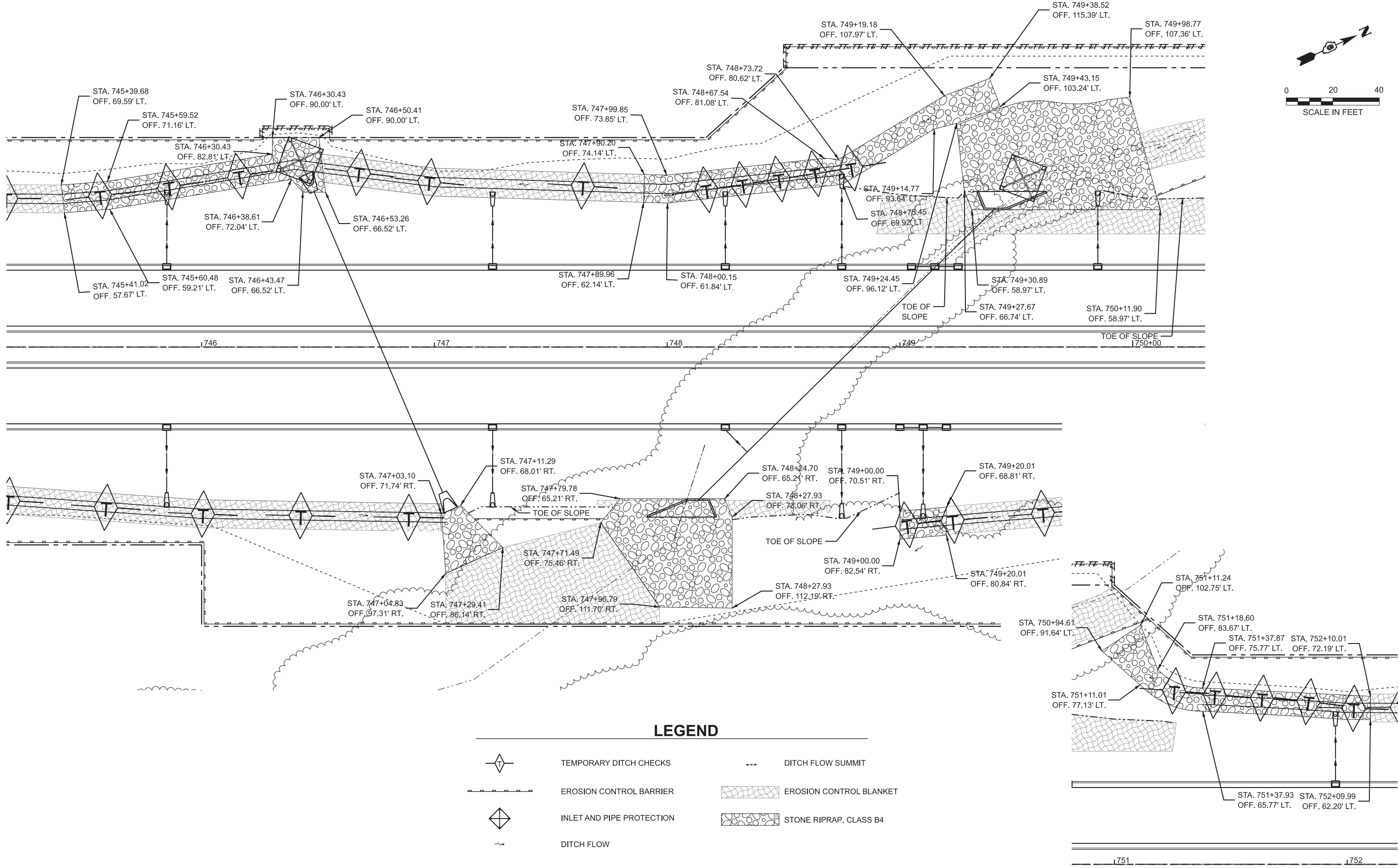
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8071	05-00164-03-FP	SANGAMON	97	33
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



LEGEND

	TEMPORARY DITCH CHECKS		DITCH FLOW SUMMIT
	EROSION CONTROL BARRIER		EROSION CONTROL BLANKET
	INLET AND PIPE PROTECTION		STONE RIPRAP, CLASS B4
	DITCH FLOW		

MODEL: C:\P\Mainline - Plan 5 [Sheet]
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LEGEND

- | | | | |
|--|---------------------------|--|-------------------------|
| | TEMPORARY DITCH CHECKS | | DITCH FLOW SUMMIT |
| | EROSION CONTROL BARRIER | | EROSION CONTROL BLANKET |
| | INLET AND PIPE PROTECTION | | STONE RIPRAP, CLASS B4 |
| | DITCH FLOW | | |



USER NAME = hardj02376
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DESIGNED -
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CHECKED -
DATE -

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REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
EROSION CONTROL RIPRAP DETAILS

SCALE: 1"=20'

SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	34
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

GENERAL

1. THE EROSION CONTROL PLANS INCLUDE WEEKLY INSPECTIONS TO BE COMPLETED BY THE CONTRACTOR AND RESIDENT ENGINEER.

PRIOR TO CONSTRUCTION

1. PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES RESULTING IN LAND DISTURBANCE, THE CONTRACTOR SHALL INSTALL ITEMS (IF SPECIFIED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER) INTENDED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THE ITEMS MAY INCLUDE THE FOLLOWING TEMPORARY EROSION CONTROL SYSTEMS:
- TEMPORARY DITCH CHECKS
 - INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER

DURING CONSTRUCTION

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL:
- CLEAN UP AND GRADE THE WORK AREA TO ELIMINATE CONCENTRATION OF RUNOFF.
 - INSTALL TEMPORARY DITCH CHECKS.
 - INSTALL INLET AND PIPE PROTECTION FOR CULVERTS AND INLETS AS THEY ARE INSTALLED AND AS WORK PROCEEDS.
 - INSTALL PERIMETER EROSION BARRIER
 - COVER THE OPEN ENDS OF PIPES IN TRENCHES AT THE CLOSE OF EACH WORKING DAY.
 - PERFORM TEMPORARY EROSION CONTROL SEEDING
2. THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS.

PRIOR TO LANDSCAPING/RESTORATION

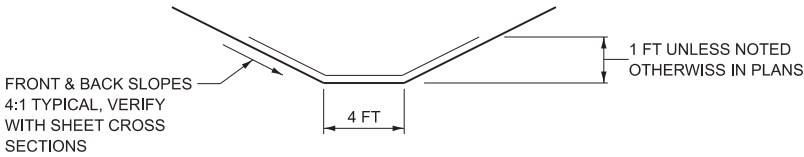
1. IMMEDIATELY PRIOR TO LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL:
- REMOVE AND DISPOSE OF SILT RETAINED BY THE TEMPORARY DITCH CHECKS, REINSTALL THE TEMPORARY DITCH CHECKS AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED HAY OR STRAW BALES.
 - REMOVE AND DISPOSE OF SILT RETAINED BY THE PERIMETER EROSION BARRIER, REINSTALL THE PERIMETER EROSION BARRIER AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED SILT FILTER FENCE.

FOLLOWING LANDSCAPING/RESTORATION

1. AFTER LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS.

VEGETATION ESTABLISHED

1. AFTER THE VEGETATION IS ESTABLISHED IN THE DISTURBED AREA, THE CONTRACTOR SHALL:
- REMOVE THE REMAINING SEDIMENT CONTROL ITEMS AS DIRECTED BY THE RESIDENT ENGINEER.
 - RESTORE THE AREAS DISTURBED BY THE SEDIMENT CONTROL ITEMS BY PERMANENT SEEDING AND MULCHING.



TYPICAL EROSION CONTROL BLANKET DITCH APPLICATION
(TYPICAL)

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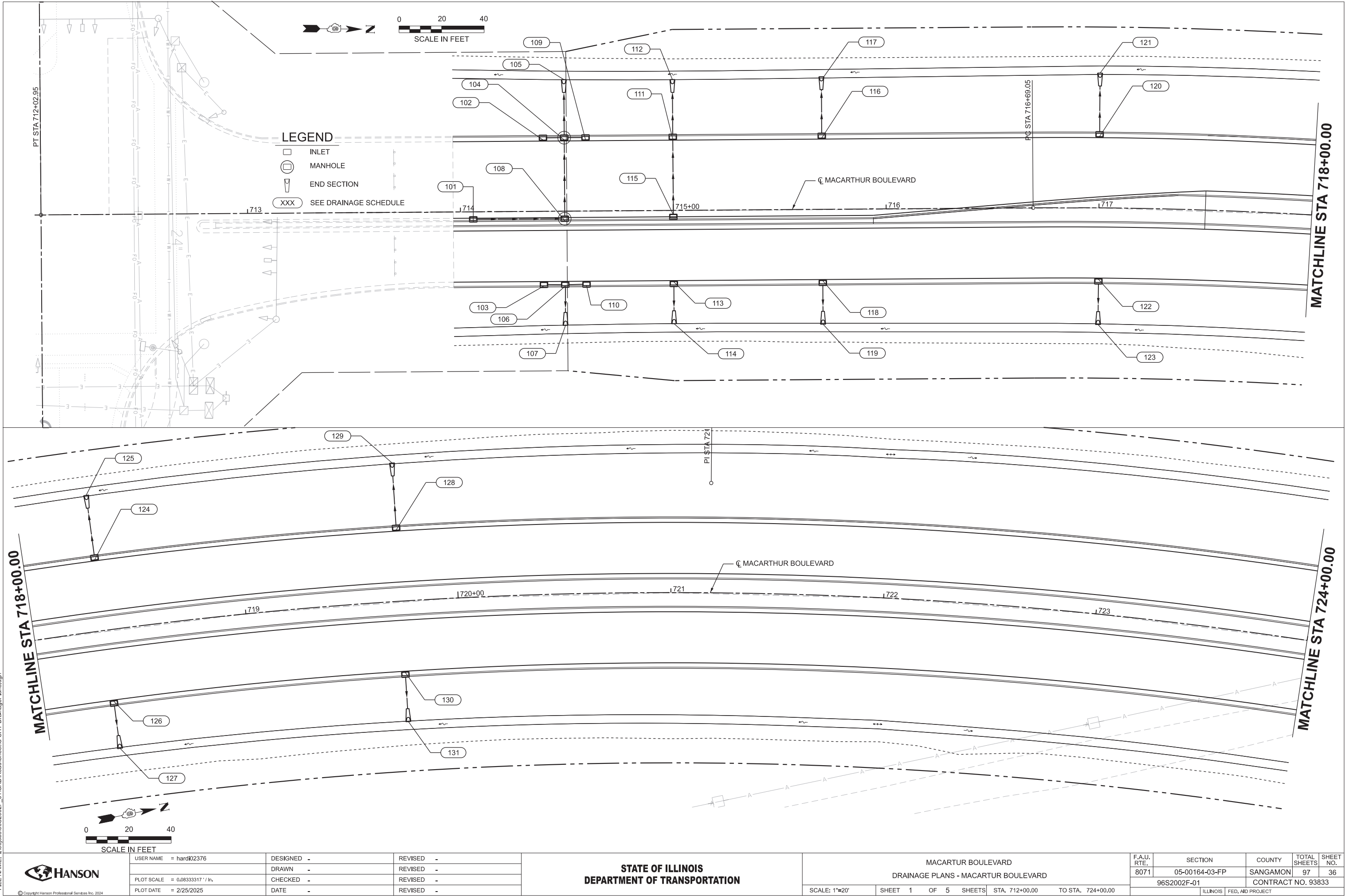
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
EROSION CONTROL NOTES AND DETAILS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	35
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

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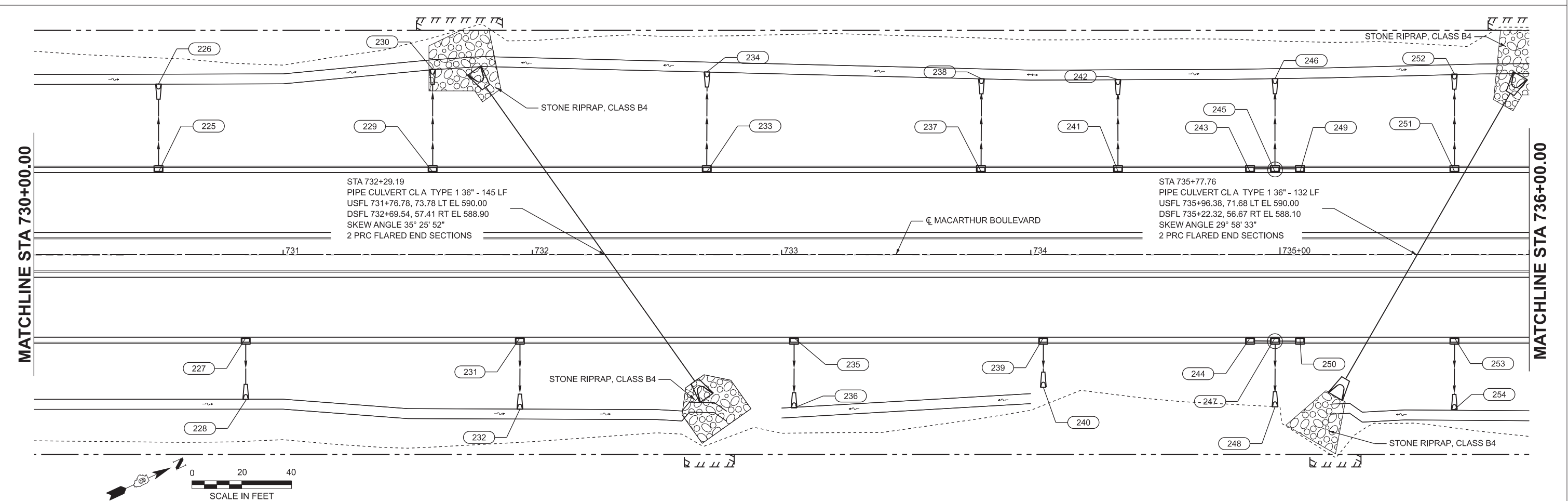
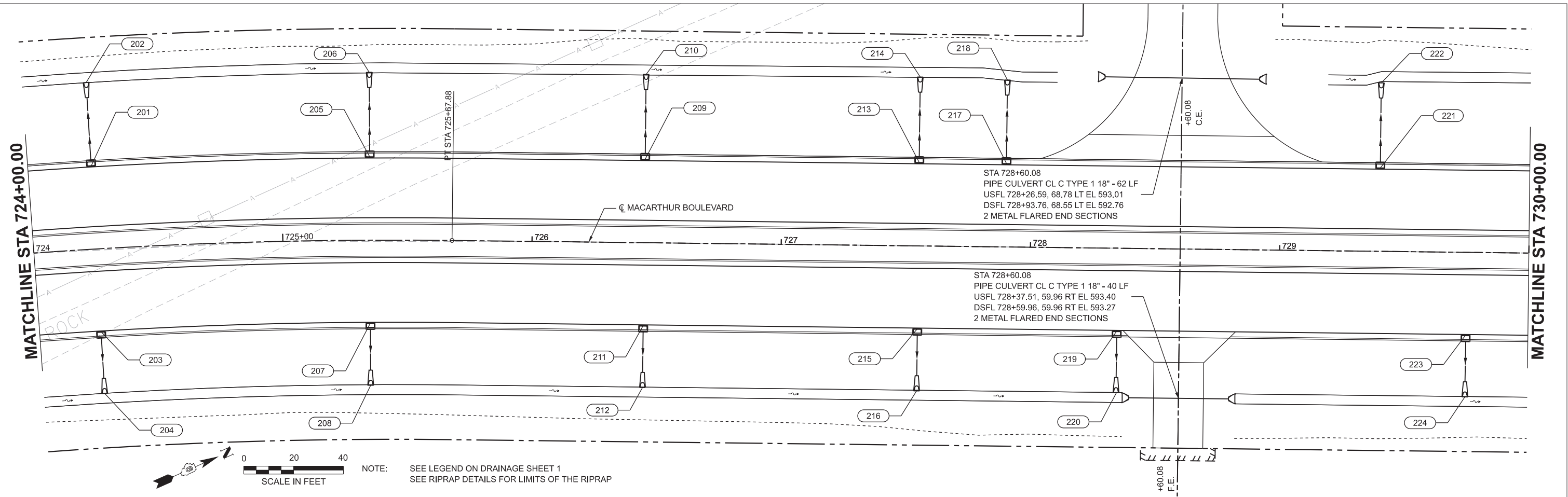
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
DRAINAGE PLANS - MACARTHUR BOULEVARD

SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. 712+00.00 TO STA. 724+00.00

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8071	05-00164-03-FP	SANGAMON	97	36
96S2002F-01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
DRAINAGE PLANS - MACARTHUR BOULEVARD

SCALE: 1"=20'

SHEET 2 OF 5 SHEETS
STA. 724+00.00 TO STA. 736+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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96S2002F-01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

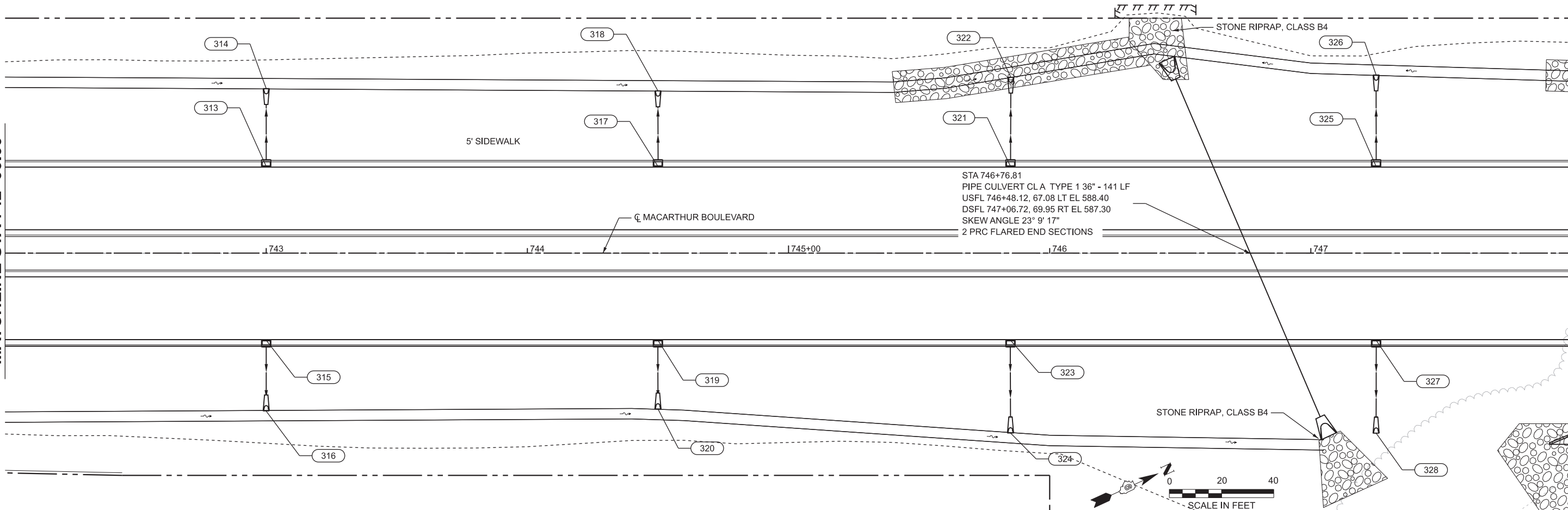
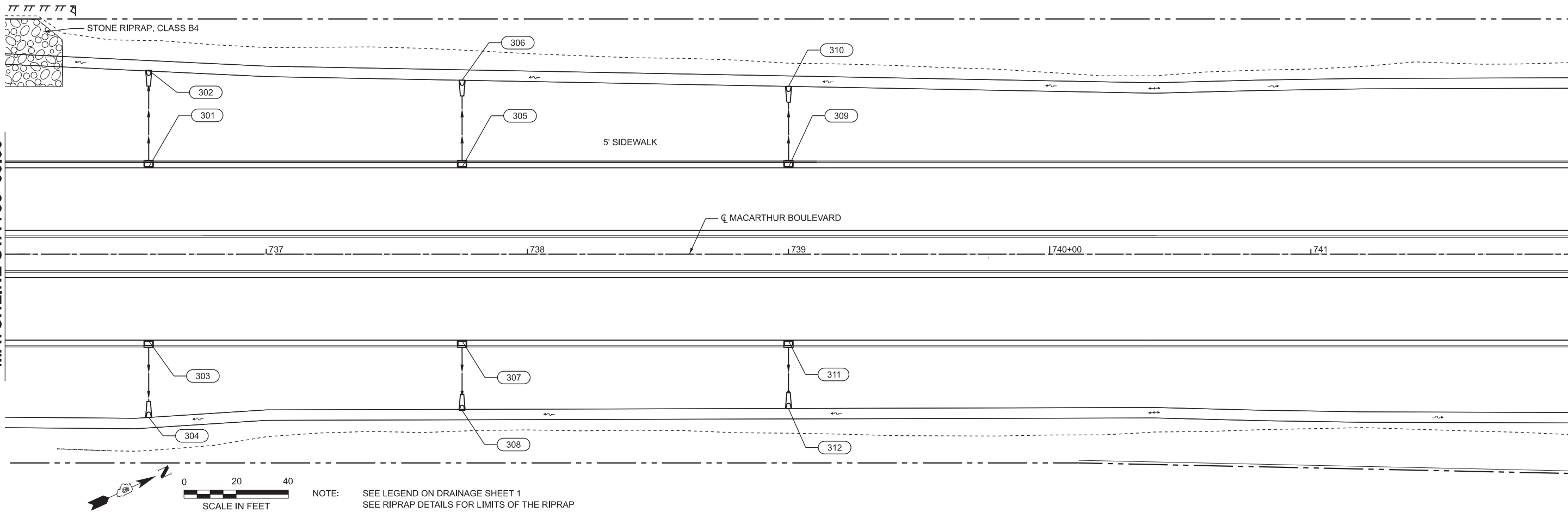
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MATCHLINE STA 736+00.00

MATCHLINE STA 742+00.00

MATCHLINE STA 742+00.00

MATCHLINE STA 748+00.00



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD			
DRAINAGE PLANS - MACARTHUR BOULEVARD			
SCALE: 1"=20'	SHEET 3 OF 5 SHEETS	STA. 736+00.00	TO STA. 748+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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96S2002F-01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

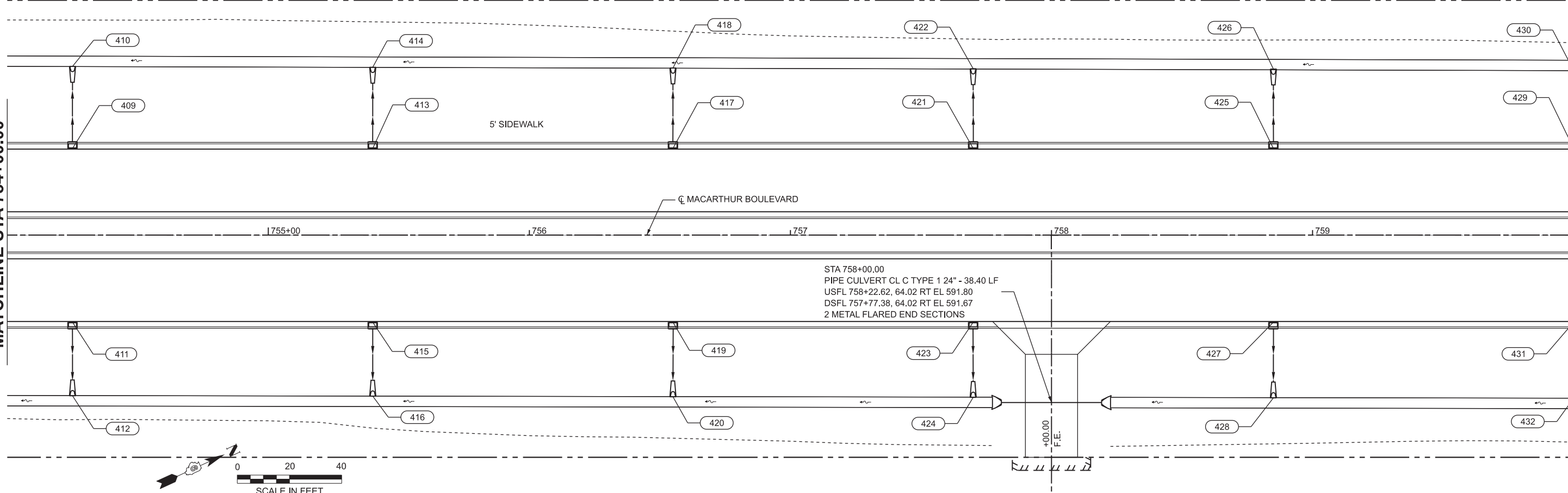
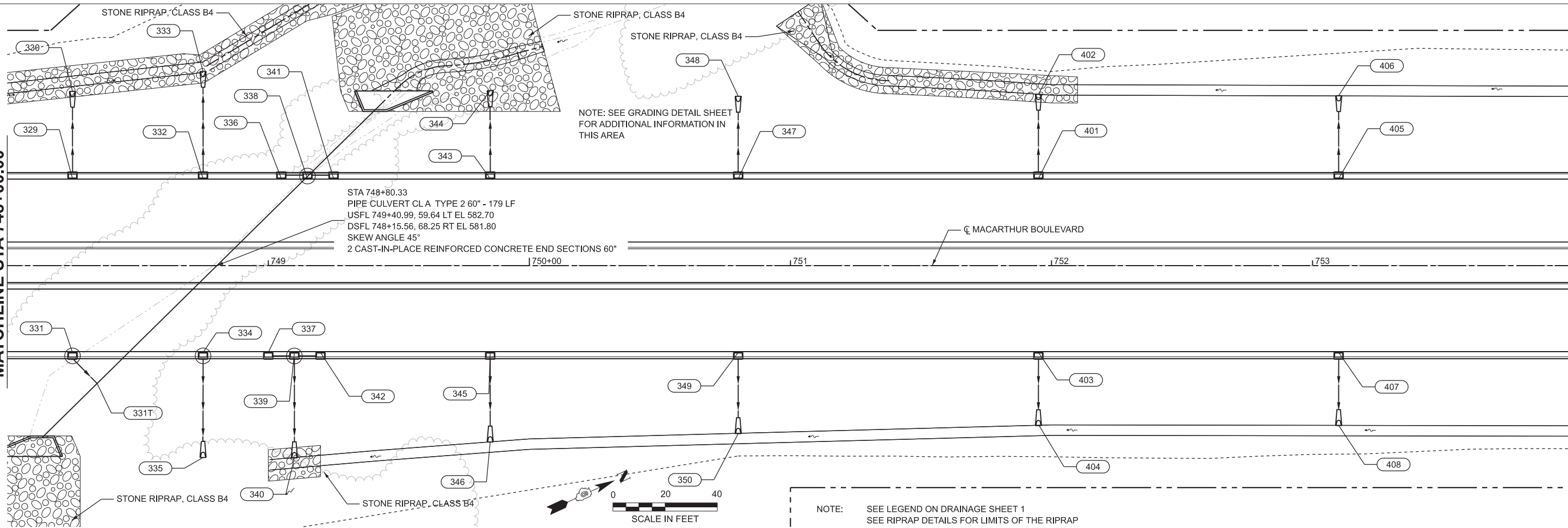
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MATCHLINE STA 754+00.00

MATCHLINE STA 754+00.00

MATCHLINE STA 760+00.00



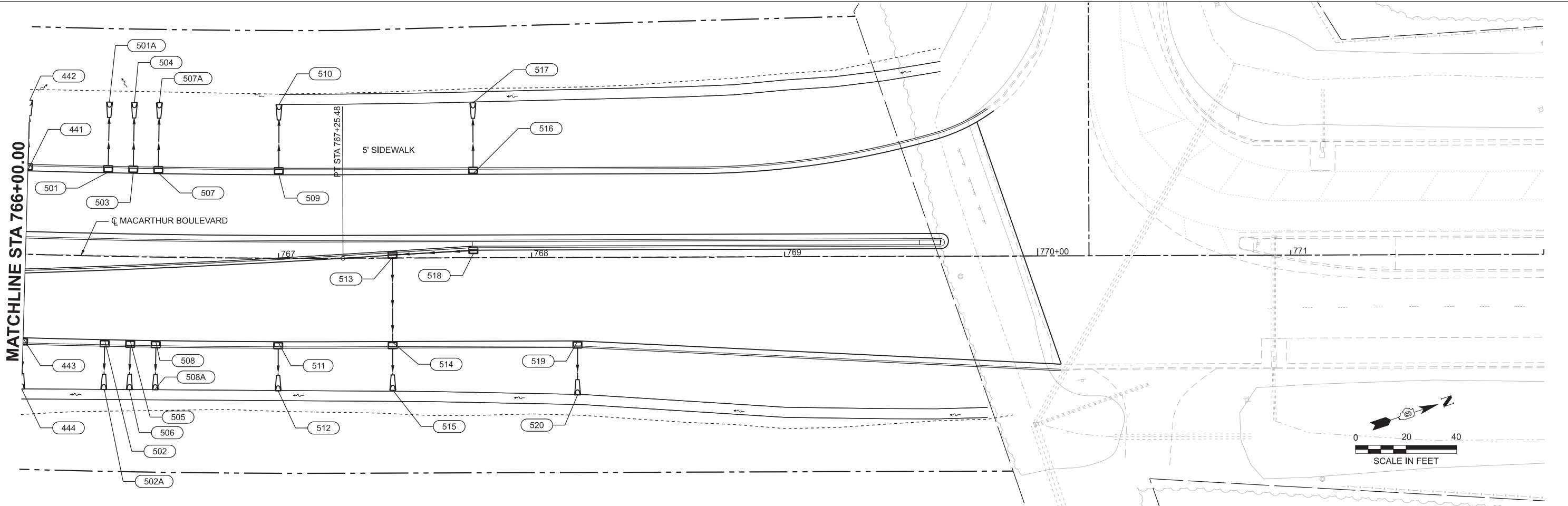
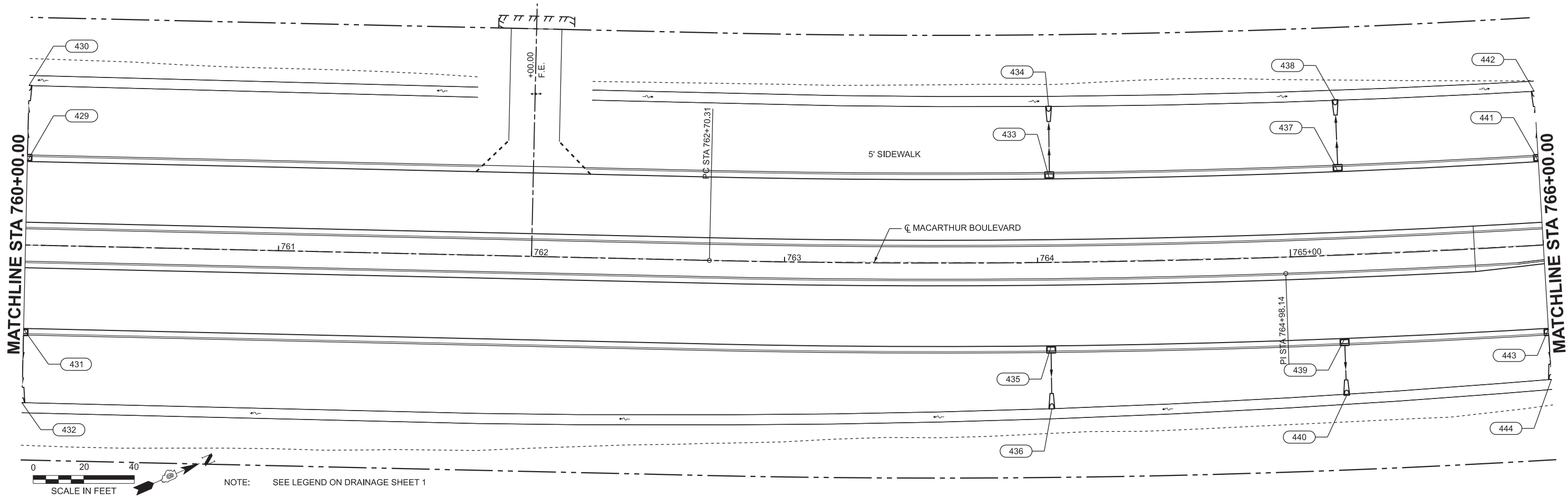
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
DRAINAGE PLANS - MACARTHUR BOULEVARD

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 748+00.00 TO STA. 760+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	39
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



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PLOT DATE	= 2/25/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD			
DRAINAGE PLANS - MACARTHUR BOULEVARD			
SCALE: 1"=20'	SHEET 5	OF 5 SHEETS	STA. 760+00.00 TO STA. 772+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	40
96S2002F-01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

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REVISED	-

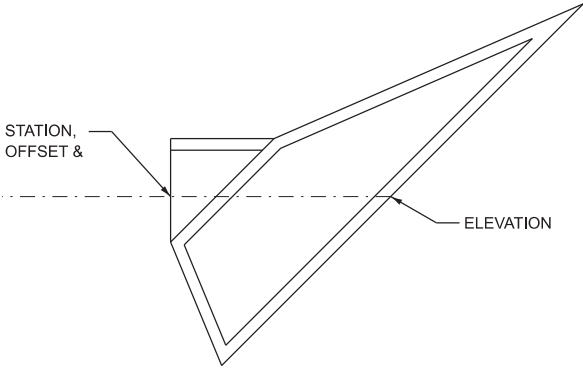
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
DRAINAGE STRUCTURE DETAILS

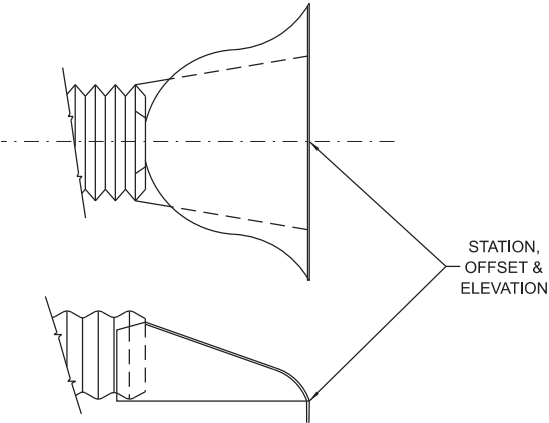
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		ILLINOIS	FED. AID PROJECT	

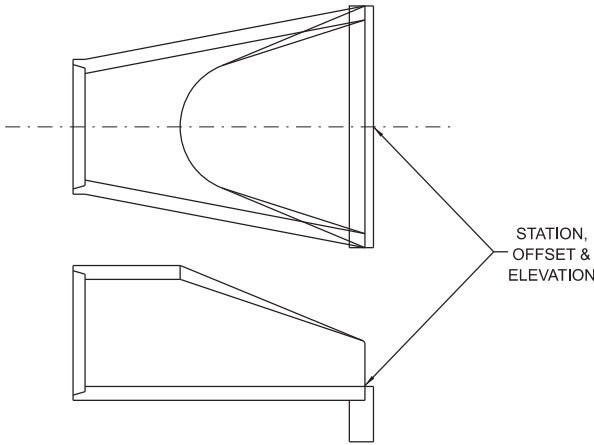
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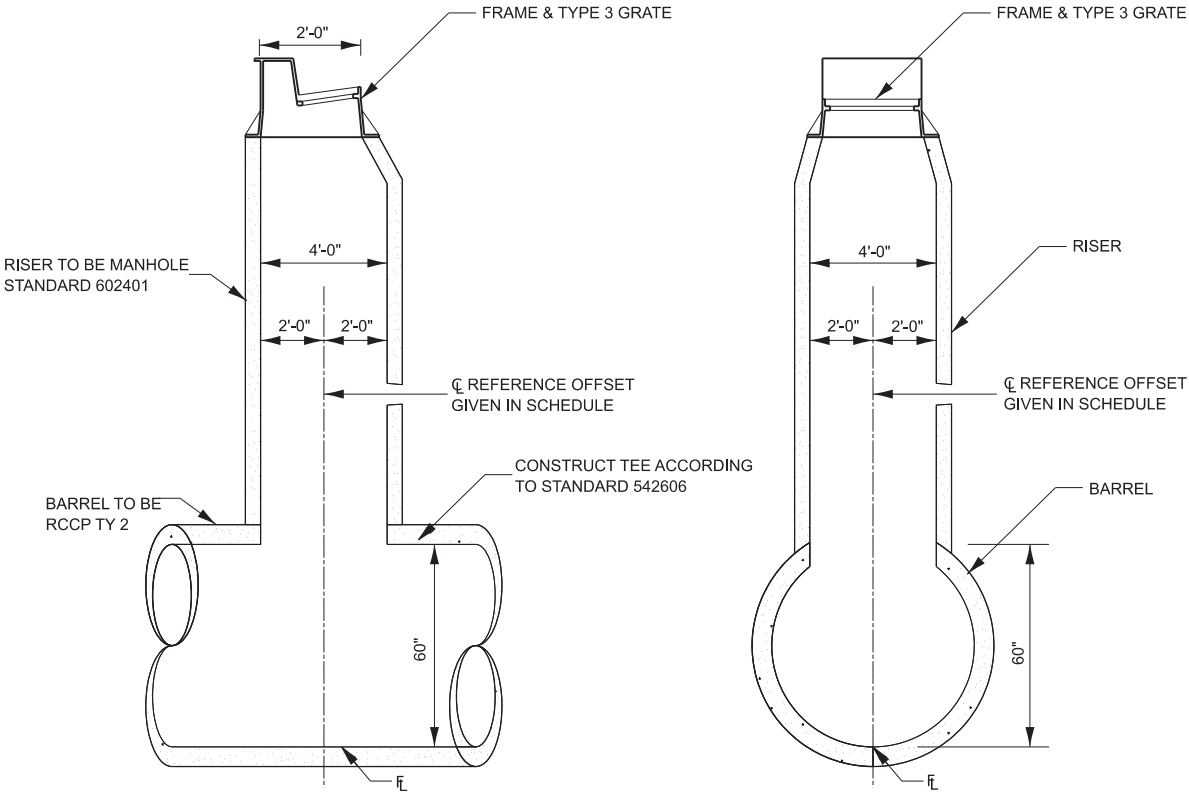
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STANDARD 542401



STANDARD 542301

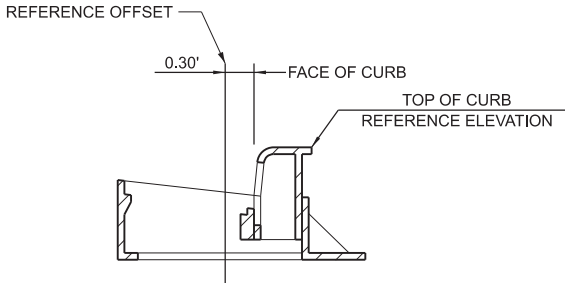


LONGITUDINAL SECTION

TRANSVERSE SECTION

MANHOLE (SPECIAL)

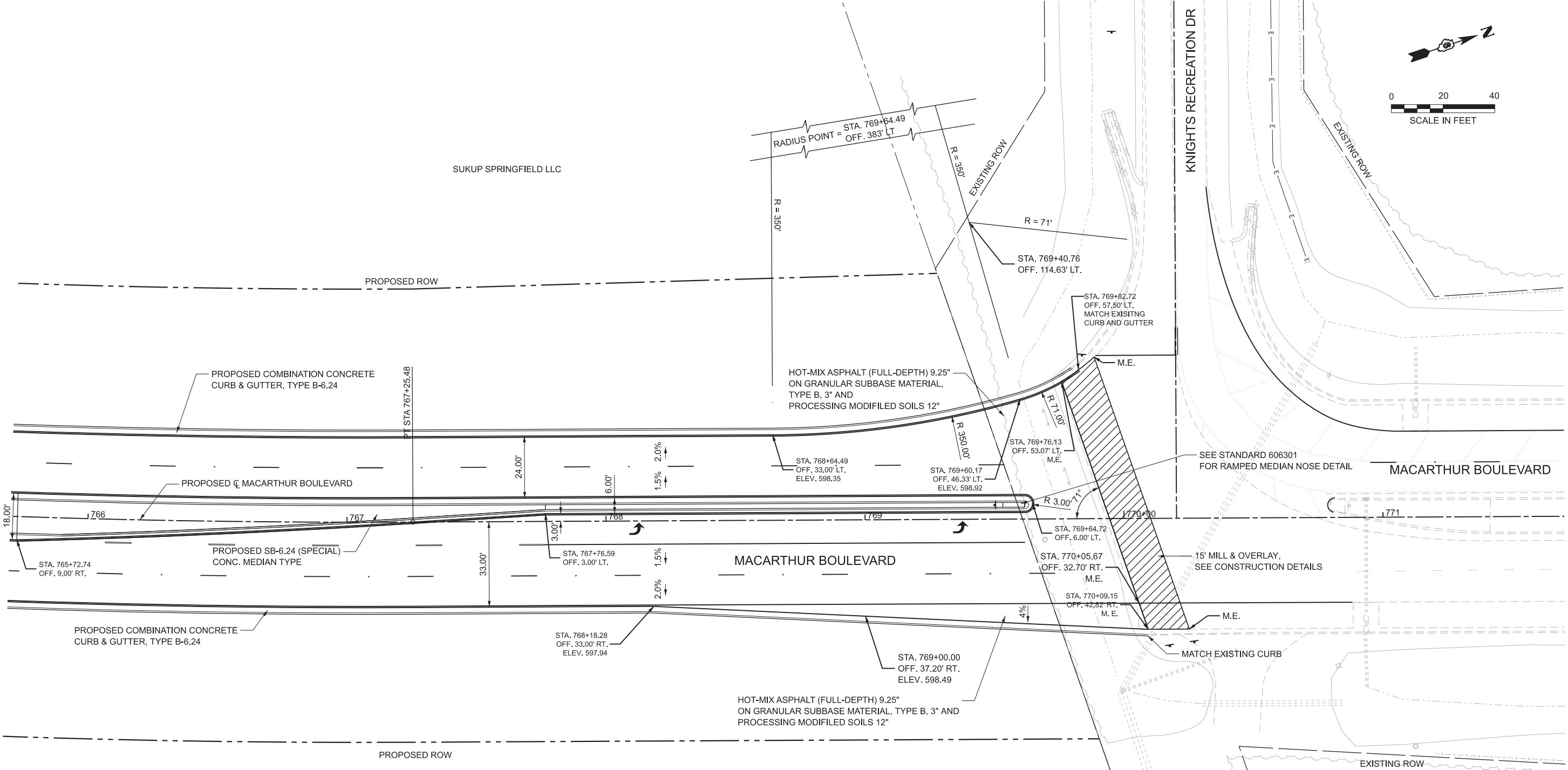
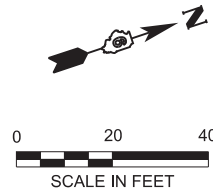
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FRAME & GRATE TYPE 3 AND TYPE 11

NOT TO SCALE

STATION & OFFSET TO INLETS TYPE A & B & MANHOLE
TYPE A ARE TO THE CL OF THE OPENING



NOTES:

SEE CONSTRUCTION DETAIL SHEET FOR CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)

M.E. = MATCH EXISTING, VERIFY ELEVATIONS IN THE FIELD

SEE TYPICAL SECTION SHEETS FOR CROSS SLOPES IN TURN LANE.

MODEL: C:\Prj\Mainline-2 - Plan 1 [Sheet]
FILE NAME: R:\96jobs\96S2002F_01\CAD\Road\Sheet\C-SHT-IntersectionDetails.dgn



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PLOT DATE	= 12/29/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD INTERSECTION DETAIL WITH KNIGHTS RECREATION DR			
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA. 765+70.00	TO STA. 771+70.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	42
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

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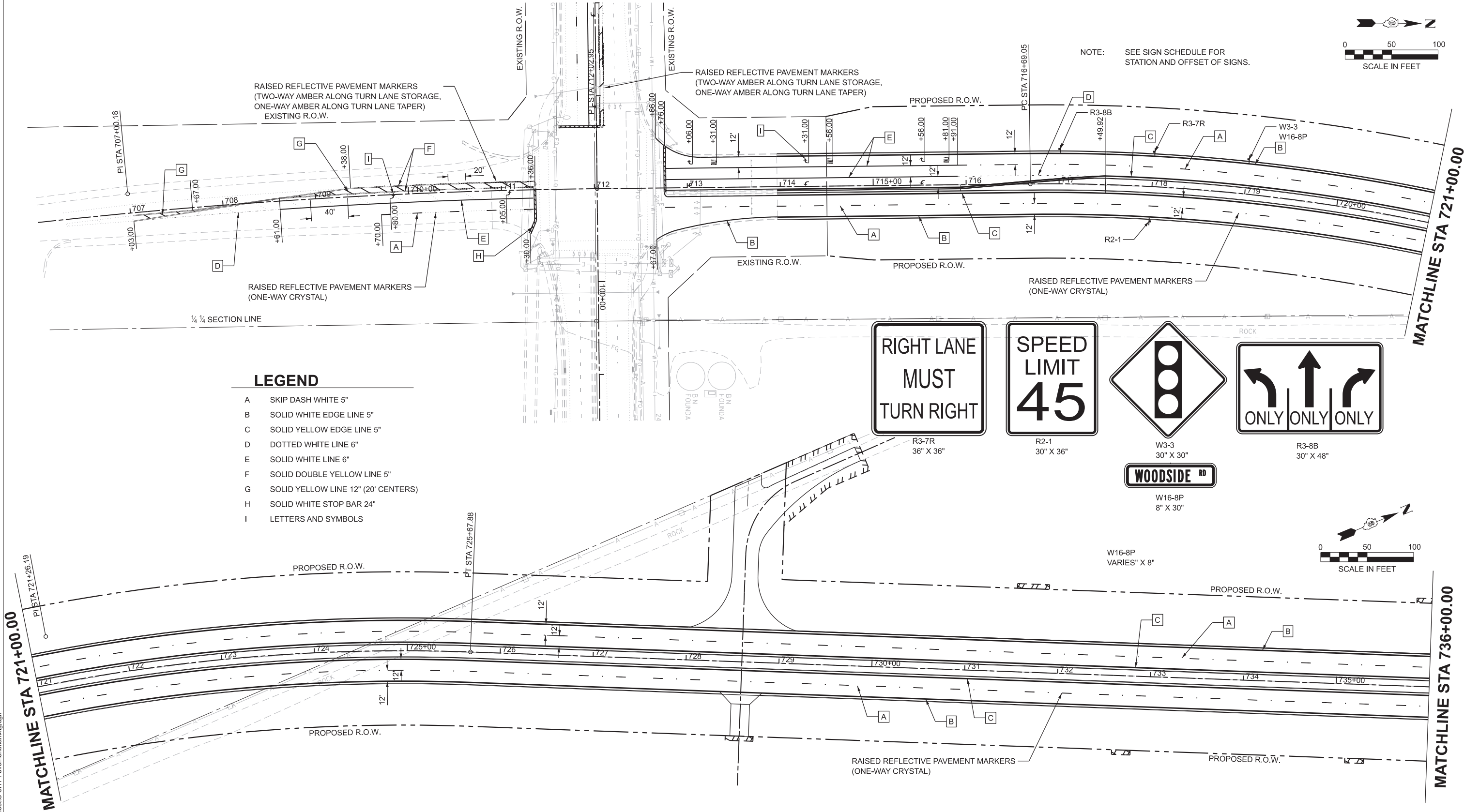
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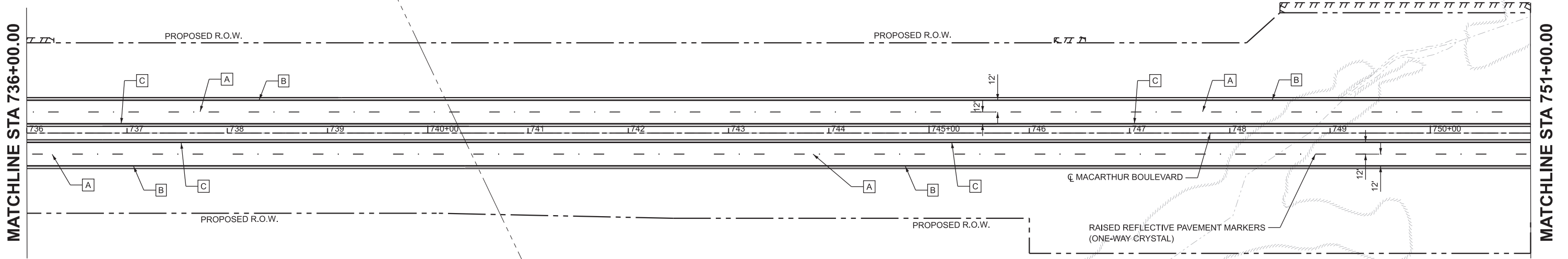
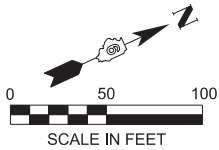
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
PAVEMENT MARKING AND SIGNING PLANS - MACARTUR BOULEVARD

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 706+00.00 TO STA. 736+00.00

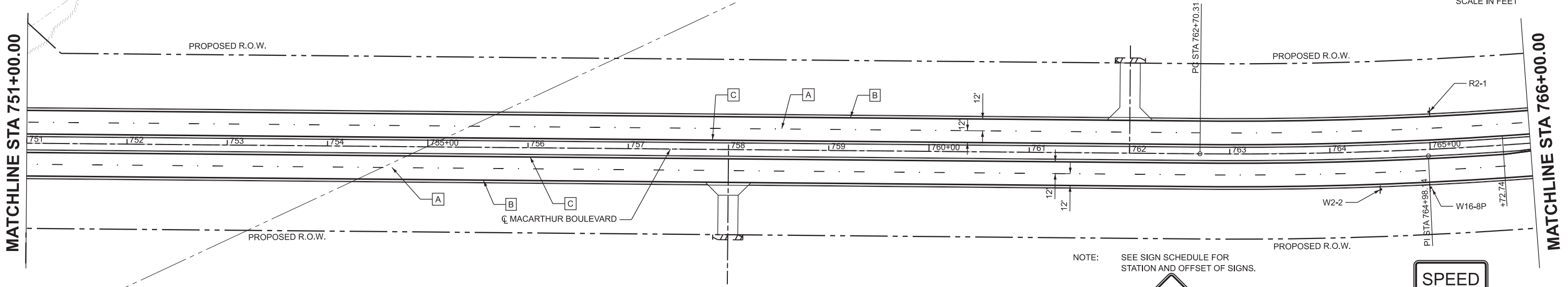
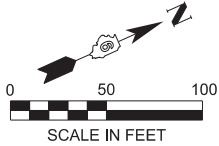
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	43
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		





LEGEND

- A SKIP DASH WHITE 5"
- B SOLID WHITE EDGE LINE 5"
- C SOLID YELLOW EDGE LINE 5"
- D DOTTED WHITE LINE 6"
- E SOLID WHITE LINE 6"
- F SOLID DOUBLE YELLOW LINE 5"
- G SOLID YELLOW LINE 12" (20' CENTERS)
- H SOLID WHITE STOP BAR 24"
- I LETTERS AND SYMBOLS



NOTE:

SEE SIGN SCHEDULE FOR
STATION AND OFFSET OF SIGNS.



W2-2
30" X 30"

KNIGHTS RECREATION DR

W16-8P
8" X 54"

**SPEED
LIMIT
45**

R2-1
30" X 36"



USER NAME = hardj02376

DESIGNED -

REVISED -

PLOT SCALE = 0.08333317" / in.

DRAWN -

REVISED -

PLOT DATE = 12/29/2024

CHECKED -

REVISED -

DATE -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MACARTHUR BOULEVARD
PAVEMENT MARKING AND SIGNING PLANS - MACARTHUR BOULEVARD

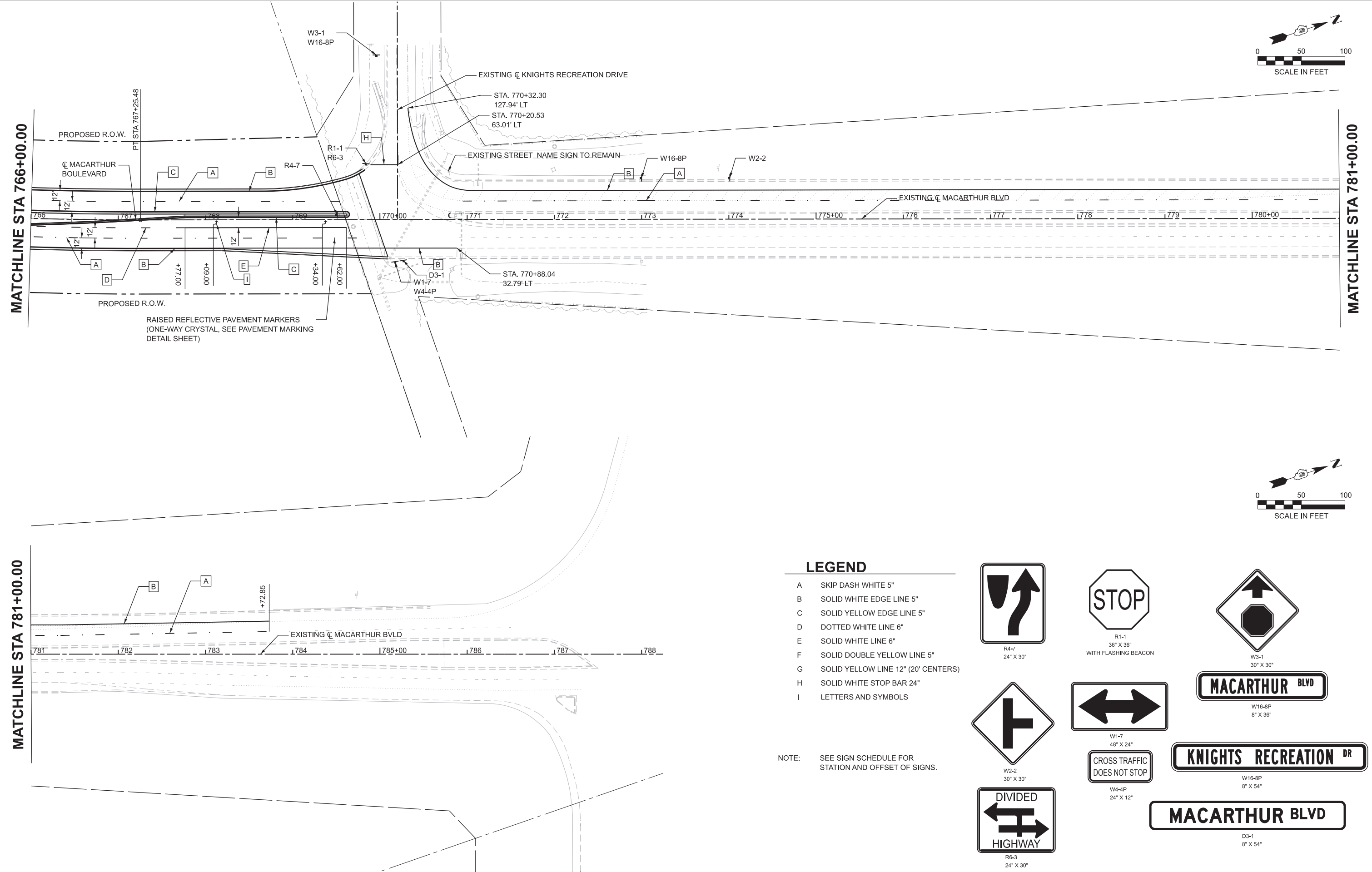
SCALE: SHEET 2 OF 3 SHEETS STA. 736+00.00 TO STA. 766+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	44
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

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MODEL: C_ALPMainline - Plan 5 [Sheet]
FILE NAME: I:\96jobs\96S202F_01\CAD\Road\Sheet\C-SHT-PavementMarking.dgn



LEGEND

- A SKIP DASH WHITE 5"
- B SOLID WHITE EDGE LINE 5"
- C SOLID YELLOW EDGE LINE 5"
- D DOTTED WHITE LINE 6"
- E SOLID WHITE LINE 6"
- F SOLID DOUBLE YELLOW LINE 5"
- G SOLID YELLOW LINE 12" (20' CENTERS)
- H SOLID WHITE STOP BAR 24"
- I LETTERS AND SYMBOLS

NOTE: SEE SIGN SCHEDULE FOR STATION AND OFFSET OF SIGNS.

R4-7
24" X 30"

R1-1
36" X 36"
WITH FLASHING BEACON

W3-1
30" X 30"

W16-8P
8" X 36"

W1-7
48" X 24"

W2-2
30" X 30"

W4-4P
24" X 12"

D3-1
8" X 54"

R6-3
24" X 30"

W16-8P
8" X 36"

D3-1
8" X 54"



USER NAME	= hardj02376	DESIGNED	-	REVISED	-
DRAWN	-	REVISIONS	-	REVISED	-
PLOT SCALE	= 0.08333317" / in.	CHECKED	-	REVISED	-
PLOT DATE	= 12/29/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
PAVEMENT MARKING AND SIGNING PLANS - MACARTHUR BOULEVARD

SCALE: SHEET 3 OF 3 SHEETS STA. 766+00.00 TO STA. 796+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	45
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

MODEL: Woodside-2 - Plan 4 [Sheet]
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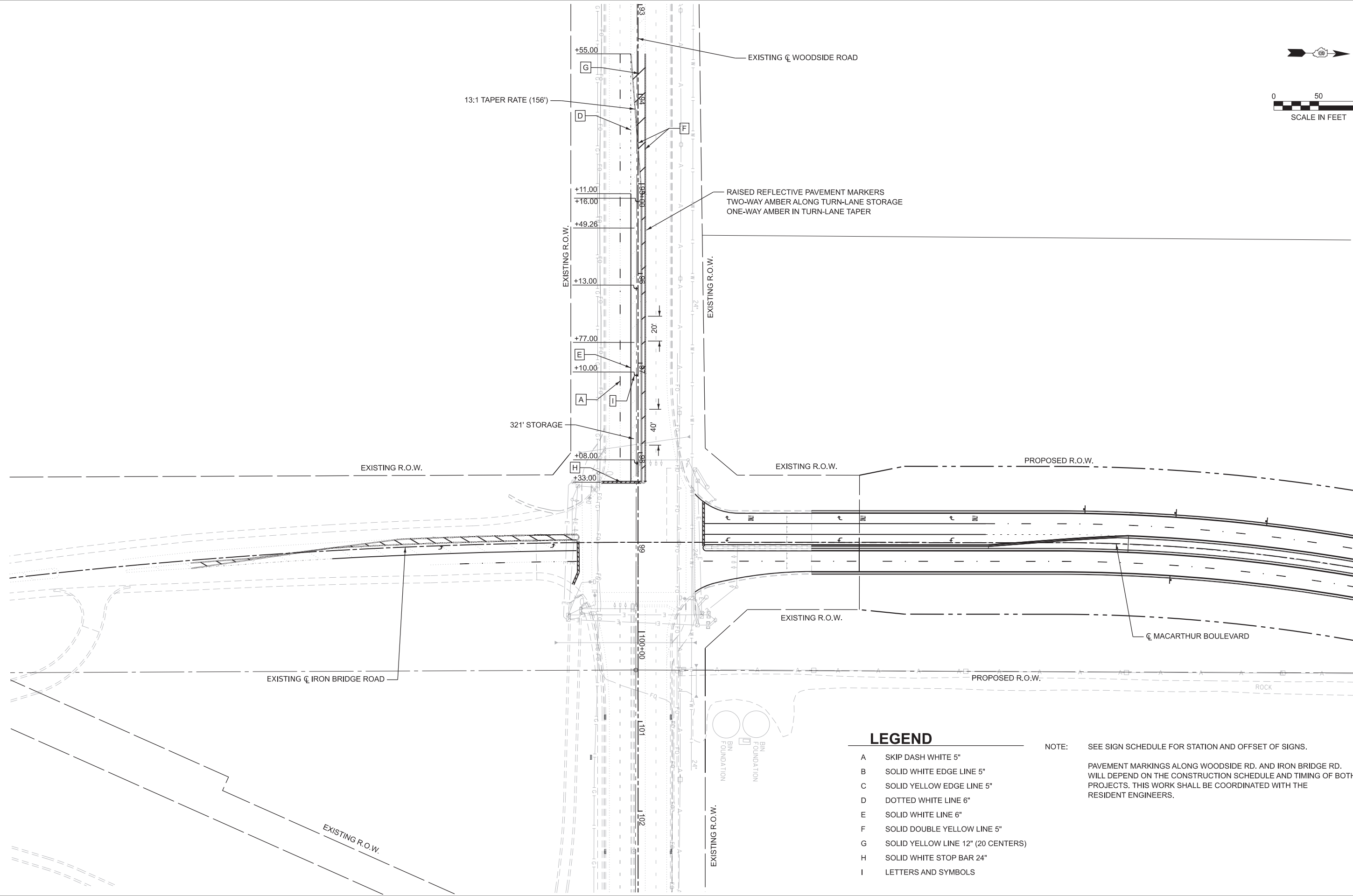
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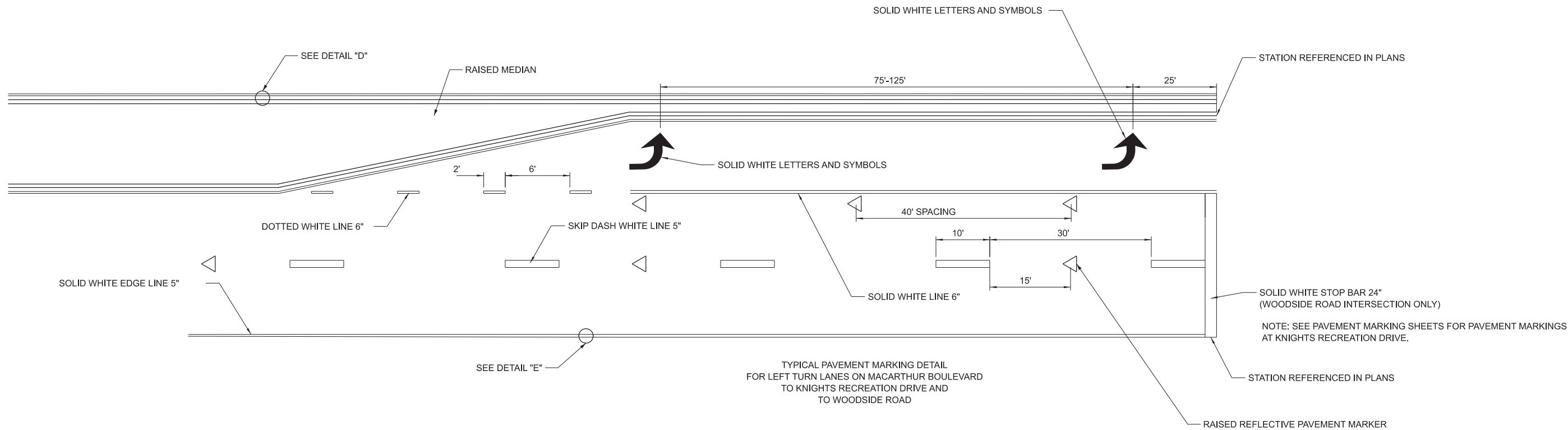
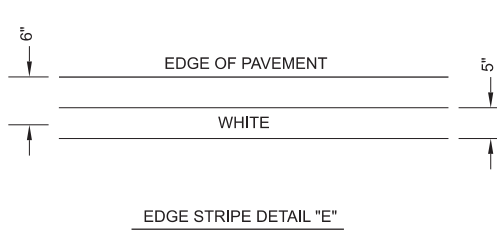
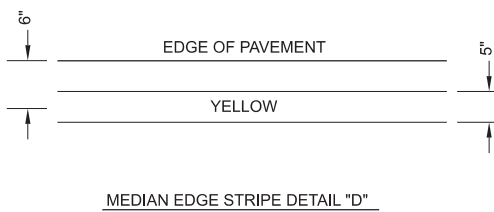
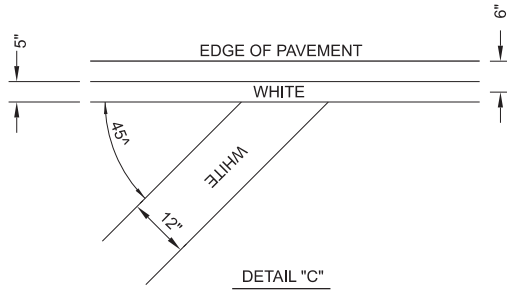
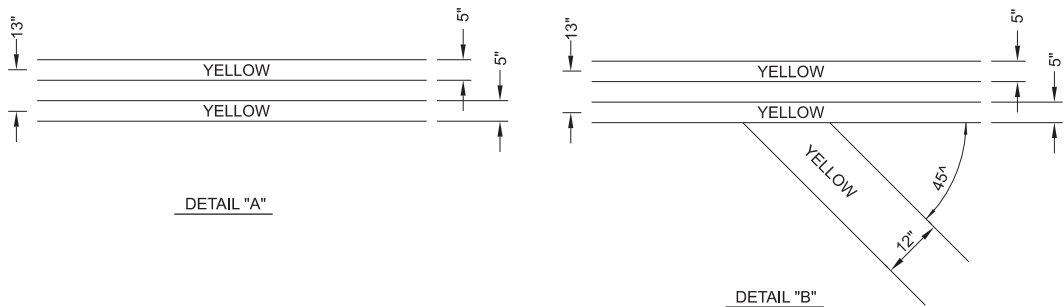
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD			
PAVEMENT MARKING AND SIGNING PLANS - WOODSIDE / MACARTHUR BLVD INTERSECTION			
SCALE: 1"=50'	SHEET 1 OF 1 SHEETS	STA. 91+50.00	TO STA. 106+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	46
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		





NOTE: ALONG EXISTING WEST LEG OF WOODSIDE ROAD AND ALONG EXISTING SOUTH LEG OF IRON BRIDGE ROAD, USE TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS IN TURN LANE STORAGE AND ONE-WAY AMBER IN TURN LANE TAPER. SEE PAVEMENT MARKING SHEETS.

RAISED REFLECTIVE PAVEMENT MARKERS
◁ ONE-WAY CRYSTAL

MODEL: Sheet 1
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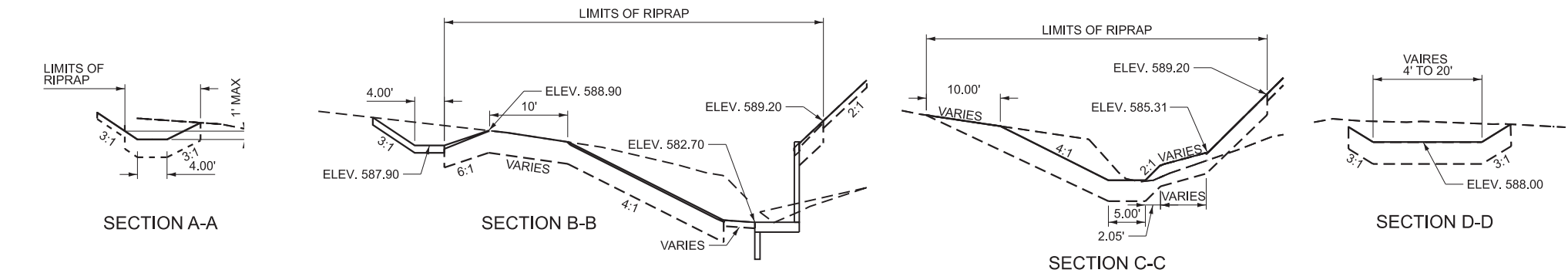
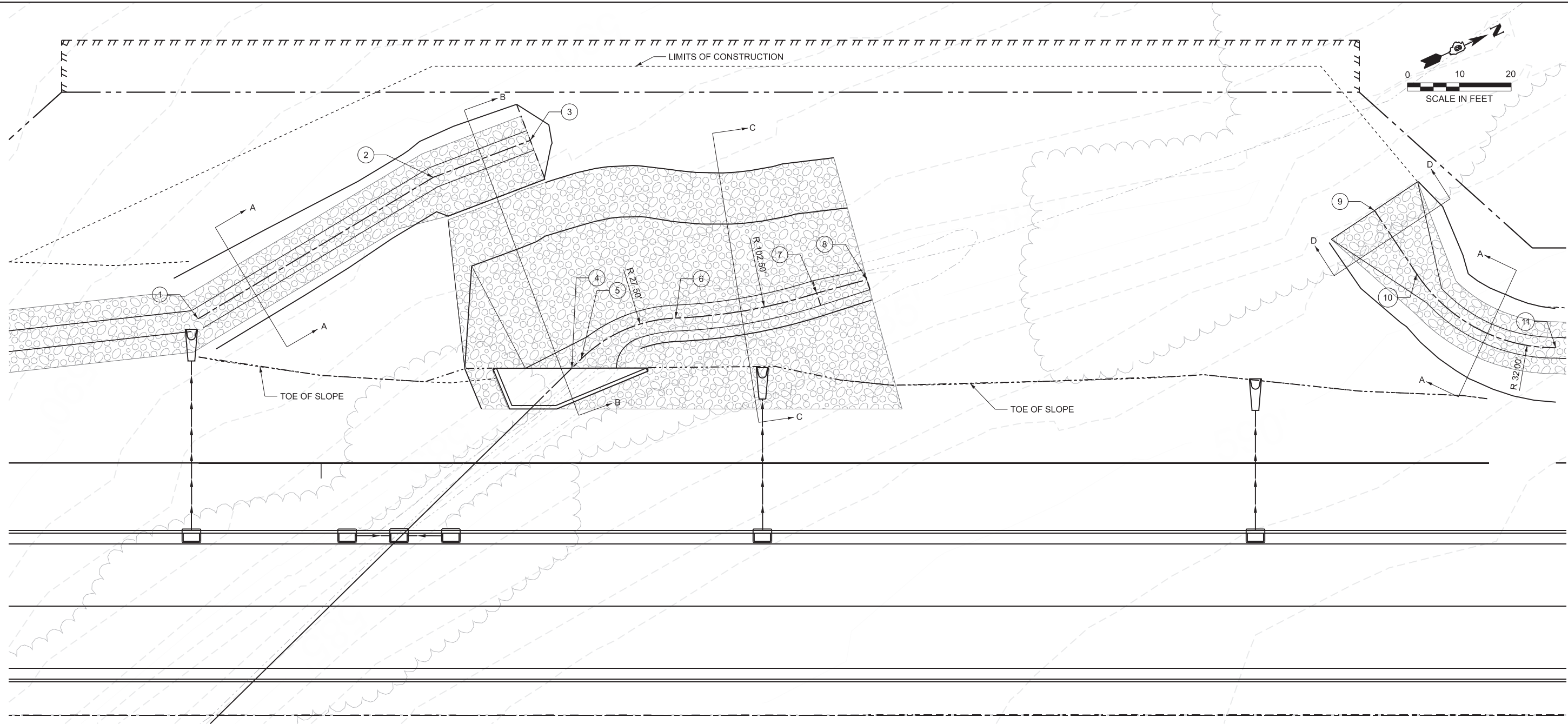
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
PAVEMENT MARKING AND STRIPING DETAIL

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	47
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



POINT	STATION	OFFSET	ELEV.
1	748+76.43	76.85' LT	588.00
2	749+21.45	103.04' LT	587.90
3	749+40.18	110.76' LT	587.90
4	749+48.29	66.82' LT	582.70
5	749+50.12	68.61' LT	582.90
6	749+68.29	76.48' LT	583.21
7	749+95.59	81.22' LT	583.70
8	750+05.14	83.87' LT	583.87
9	751+03.82	97.18' LT	588.00
10	751+11.07	85.00' LT	588.00
11	751+37.90	70.77' LT	588.52

MODEL: C:\Prj\Mainline - Plan 2 [Sheet]
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

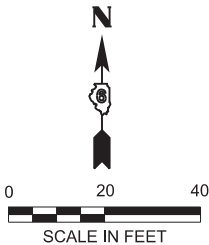
MACARTUR BOULEVARD
GRADING DETAIL

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. 0+00.00 TO STA. 8+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	48
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

LEGEND

- EXISTING LIGHTING CONTROLLER
- EXISTING SERVICE INSTALLATION, TYPE B
- EXISTING HANDHOLE
- EXISTING UNIT DUCT
- EXISTING LIGHT POLE WITH MAST ARM
- LIGHT POLE WITH MAST ARM



PROPOSED
MACARTHUR BOULEVARD

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.10	FOOT	451
83008600	LIGHT POLE ALUMINUM, 40 FT M.H., 15 FT MAST ARM	EACH	2
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	8

LIGHTING FIXTURE SCHEDULE					
FIXT. TYPE	DESCRIPTION	MANUFACTURER & CATALOG NO.	LAMPS/ WATTS	VOLTS	MOUNTING
F1	ROADWAY FIXTURE SINGLE HEAD LIGHT FIXTURE. HEAVY DUTY CAST ALUMINUM HOUSING DIE CAST ALUMINUM DOOR FRAME. TYPE III CUTOFF OPTICS. GRAY POLYESTER POWDER COAT FINISH, FUSED.	AMERICAN ELECTRIC LIGHTING A92 P601 MVOLT R3 KM LIGHTING ALT2-100L-200-4k73	4K LED 220W	240V	40 FT POLE MOUNT WITH 15 FT MAST ARM
F2	ROADWAY FIXTURE SINGLE HEAD LIGHT FIXTURE. HEAVY DUTY CAST ALUMINUM HOUSING DIE CAST ALUMINUM DOOR FRAME. TYPE IV CUTOFF OPTICS. GRAY POLYESTER POWDER COAT FINISH, FUSED.	AMERICAN ELECTRIC LIGHTING A92 P601 MVOLT R4 KM LIGHTING ALT2-100L-200-4k74	4K LED 220W	240V	450FT POLE MOUNT WITH 15 FT MAST ARM

NOTE: WORK ON THIS SHEET WILL DEPEND ON THE CONSTRUCTION SCHEDULE AND TIMING OF BOTH PROJECTS. THIS WORK SHALL BE COORDINATED WITH THE RESIDENT ENGINEERS.

PROVIDE 3-1/C NO.10, 1/C NO.10 GROUND IN EXISTING 3/4" PVC. CONDUIT

EXISTING LIGHT POLE FOUNDATION. PROVIDE NEW LIGHT POLE & LUMINAIRES AS SHOWN

EXISTING LIGHTING CONTROLLER

EXISTING 1-UNIT DUCT, 600V, 3-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

EXISTING R.O.W.

EXISTING R.O.W.

EXISTING LIGHT POLE FOUNDATION. PROVIDE NEW LIGHT POLE & LUMINAIRES AS SHOWN

EXISTING WOODSIDE ROAD

EXISTING LUMINAIRE

EXISTING LUMINAIRE

EXISTING 1-UNIT DUCT, 600V, 3-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

EXISTING R.O.W.

EXISTING 1-UNIT DUCT, 600V, 3-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

EXISTING IRON BRIDGE ROAD

EXISTING LUMINAIRE

NEW LUMINAIRE

20 AMP, 2-POLE BREAKER

CIRCUIT 1

20 AMP, 240 VOLT, SINGLE PHASE, 1760 TOTAL LOAD

ID	CONTROL LINE	STATION	OFFSET
1	WOODSIDE	98+23	44' RT
2	WOODSIDE	99+79	63' RT
3	WOODSIDE	99+61	76' LT
4	WOODSIDE	98+38	77' LT
A	WOODSIDE	98+31	67' LT
B	WOODSIDE	99+81	78' RT
C	WOODSIDE	99+81	72' RT
D	WOODSIDE	99+37	64' LT
	WOODSIDE	99+81	79' LT

LIST OF STANDARDS:

821101-03 LUMINAIRE WIRING IN POLE
830001-03 LIGHT POLE ALUMINUM MAST ARM (SHEETS 1 & 2)
838001-01 BREAK AWAY DEVICES (SHEET 2)

MODEL: Unnamed Plan-1 - IronBridge-Woodside (Sheet)
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PLOT DATE = 12/29/2024

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD

LIGHTING PLAN - MACARTHUR BOULEVARD

SCALE: 1"=20'

SHEET 1 OF 2 SHEETS

STA. 0+00.00

TO STA. 16+00.00

F.A.U. RTE.

8071

SECTION

05-00164-03-FP

COUNTY

SANGAMON

TOTAL SHEETS

97

SHEET NO.

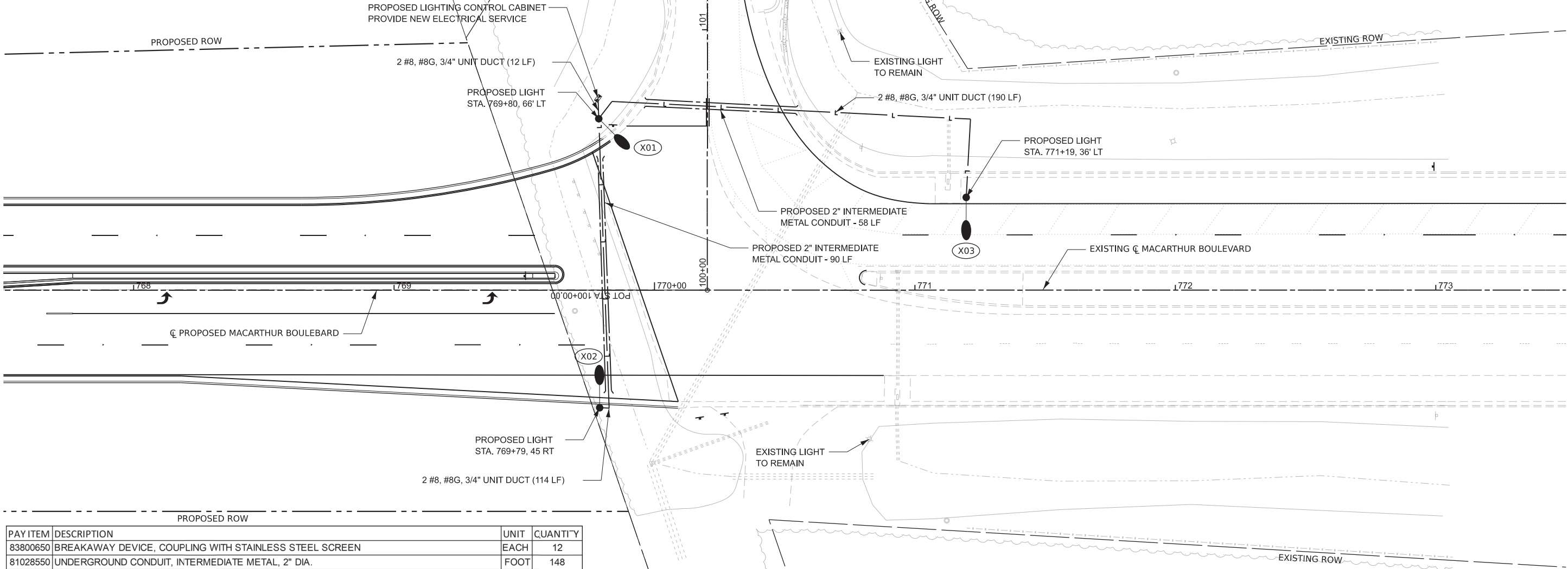
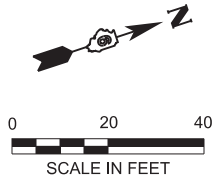
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96S2002F_01

CONTRACT NO. 93833

ILLINOIS FED. AID PROJECT

LEGEND	
	EXISTING LIGHT POLE
	LIGHT POLE, 45' M.H. 12' MAST ARM
	CONDUIT PUSHED, INTERMEDIATE METAL (LENGTH AS SHOWN)
	UNIT DUCT (SIZE AS NOTED)
	LIGHTING CONTROLLER
	STATE FIXTURE REFERENCE NUMBER



PAY ITEM	DESCRIPTION	UNIT	QUANTITY
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	12
81028550	UNDERGROUND CONDUIT, INTERMEDIATE METAL, 2" DIA.	FOOT	148
81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	316
82110005	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	3
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1
83009500	LIGHT POLE, ALUMINUM, 45 FT. M.H., 12 FT. MAST ARM	EACH	3
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	3

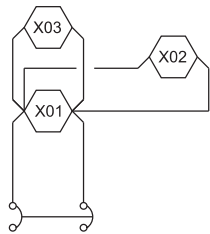
LIGHTING FIXTURE SCHEDULE						
FIXT. TYPE	DESCRIPTION	MANUFACTURER & CATALOG NO.	LAMPS/ WATTS	VOLTS	MOUNTING	REMARKS
F1	ROADWAY LED COBRA HEAD STYLE, ALUMINUM ALLOY HOUSING WITH BUILT IN HEAT SINK, TYPE III LIGHTING DISTRIBUTION, 2700K COLOR TEMPERATURE	RFL-145W64LED27K-G2-R3M	137W	240	45' POLE MOUNTED	

LIST OF STANDARDS:

821101-03	LUMINAIRE WIRE IN POLE
825001-04	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240V
830001-03	LIGHT POLE ALUMINUM MAST ARM
836001-05	LIGHT POLE FOUNDATION
838001-01	BREAK AWAY DEVICES

GENERAL NOTES:

- REFER TO IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
- REFER TO IDOT STANDARD DETAILS FOR DESIGN DETAIL OF LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, AND BREAK AWAY DEVICES.
- REFER TO LEGEND FOR SYMBOLOGY DETAILS.



20 AMP, 2-POLE
BREAKER

CONTROLLER 1 CKT A

LOAD = 450 WATTS
VOLTAGE DROP = 0.09%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
LIGHTING PLAN - MACARTHUR BOULEVARD

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 767+50.00 TO STA. 773+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	50
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS FED. AID PROJECT		



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DESIGNED -

REVISED -

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CHECKED -

REVISED -

PLOT DATE = 12/29/2024

DATE -

REVISED -

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	DRAWN -	REVISED -
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PLOT DATE = 12/29/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
BORINGS

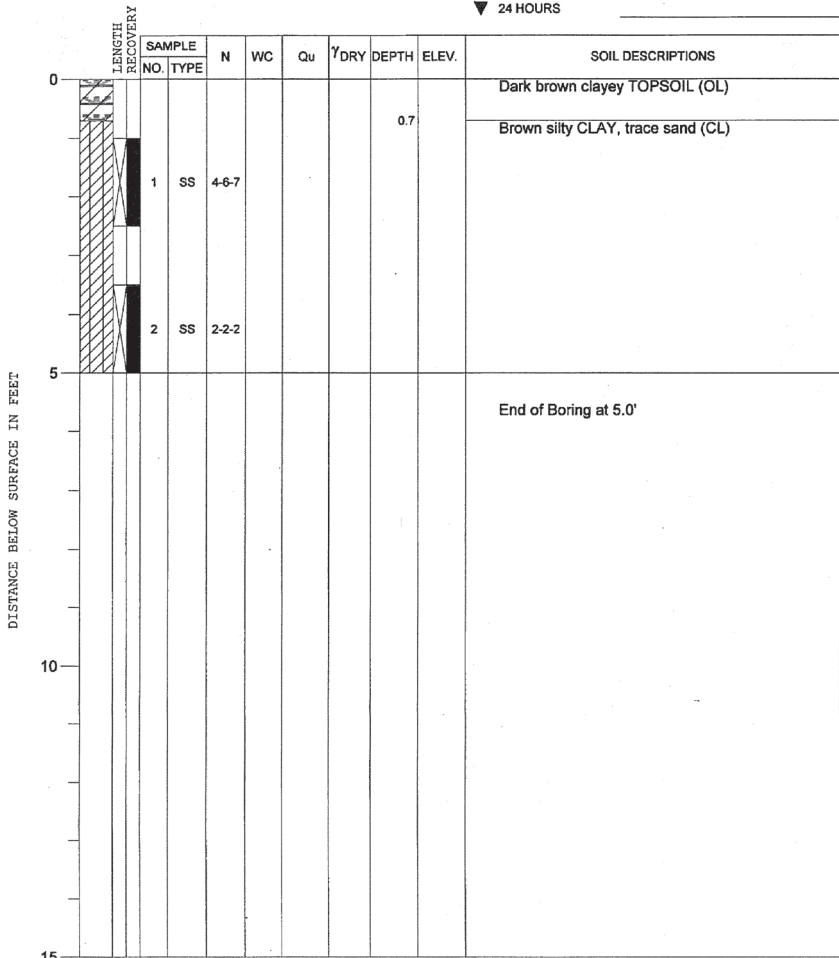
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96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-1 DATE STARTED 1-31-07 DATE COMPLETED 1-31-07 JOB L-68,096



ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING **DRY**
AT END OF BORING **DRY**
24 HOURS _____



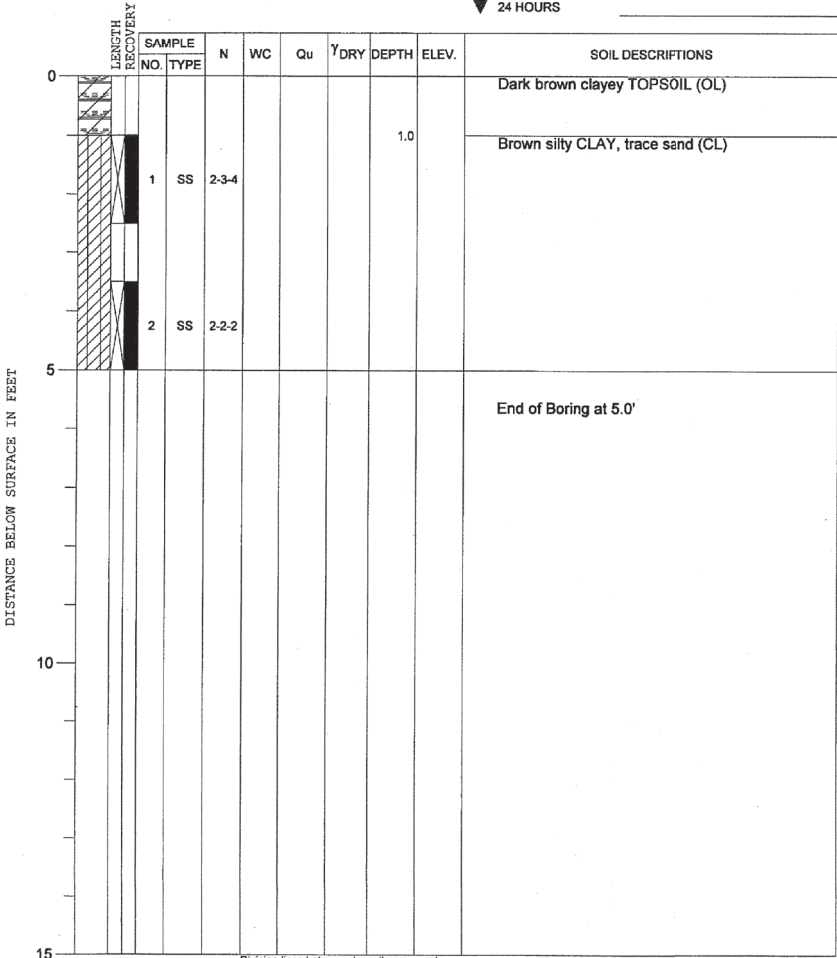
DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-2 DATE STARTED 1-31-07 DATE COMPLETED 1-31-07 JOB L-68,096



ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING **DRY**
AT END OF BORING **DRY**
24 HOURS _____



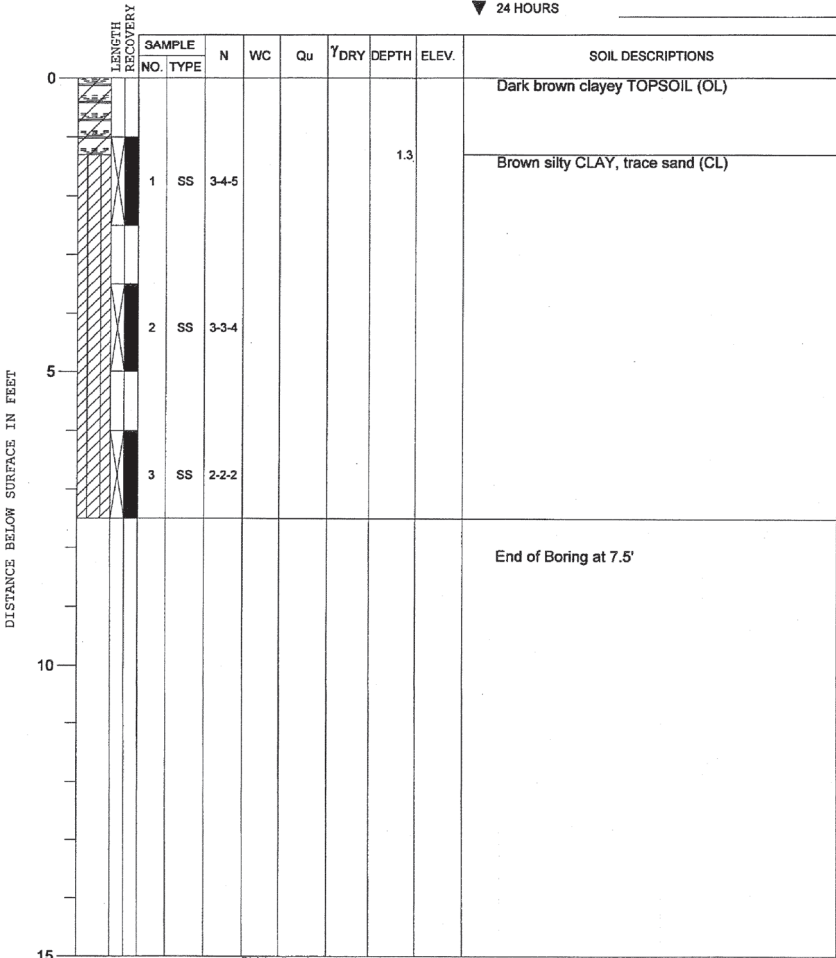
DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-3 DATE STARTED 1-31-07 DATE COMPLETED 1-31-07 JOB L-68,096



ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING **DRY**
AT END OF BORING **DRY**
24 HOURS _____



DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

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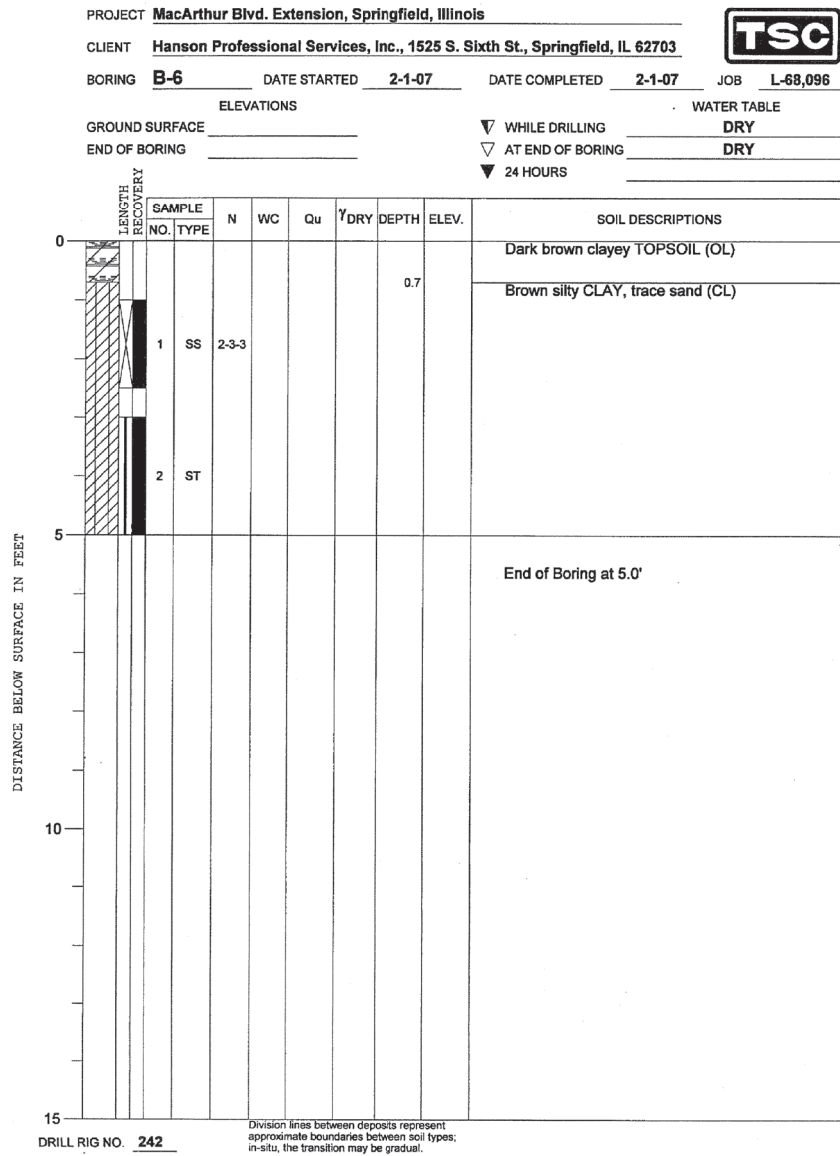
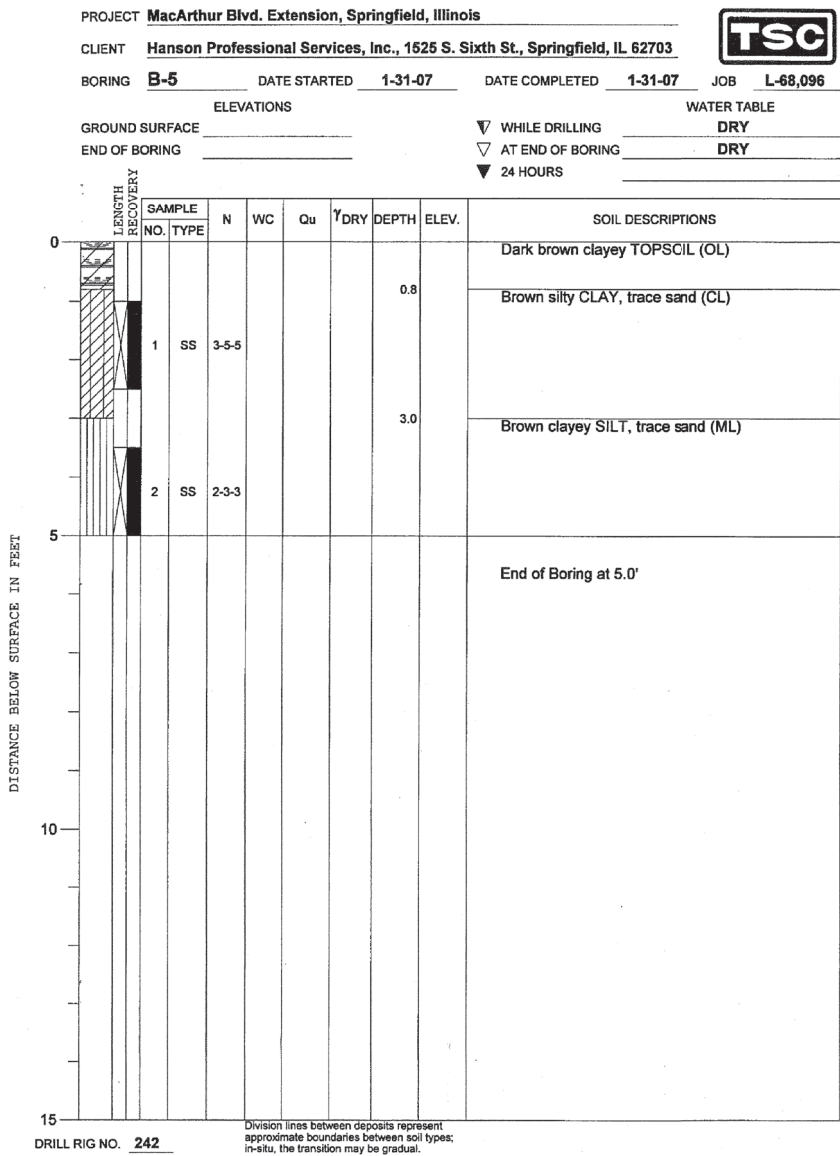
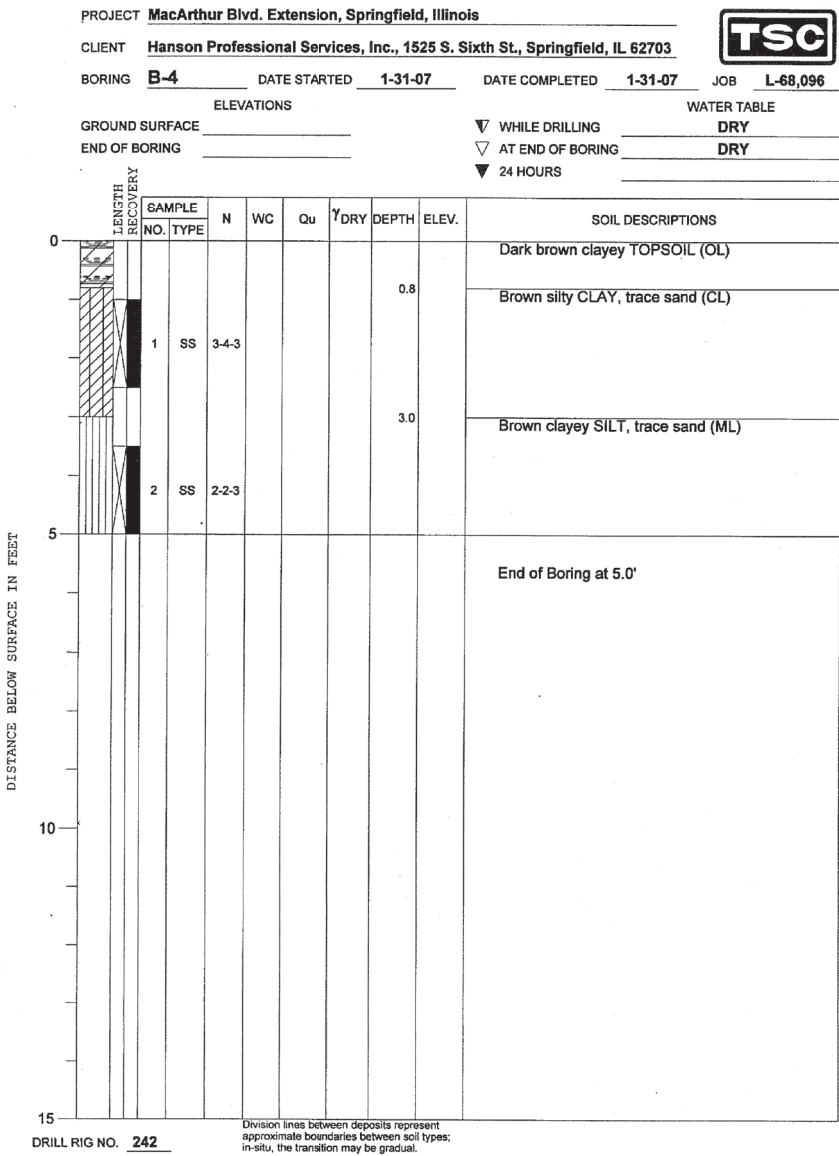
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USER NAME = hardj02376	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/29/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD	
BORINGS	
SCALE:	SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	52
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



MODEL: Sheet 3
FILE NAME: I:\96jobs\96S2002F_01\CAD\Road\Sheet\C-SHT-Borings.dgn



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PLOT SCALE = 1,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/29/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
BORINGS

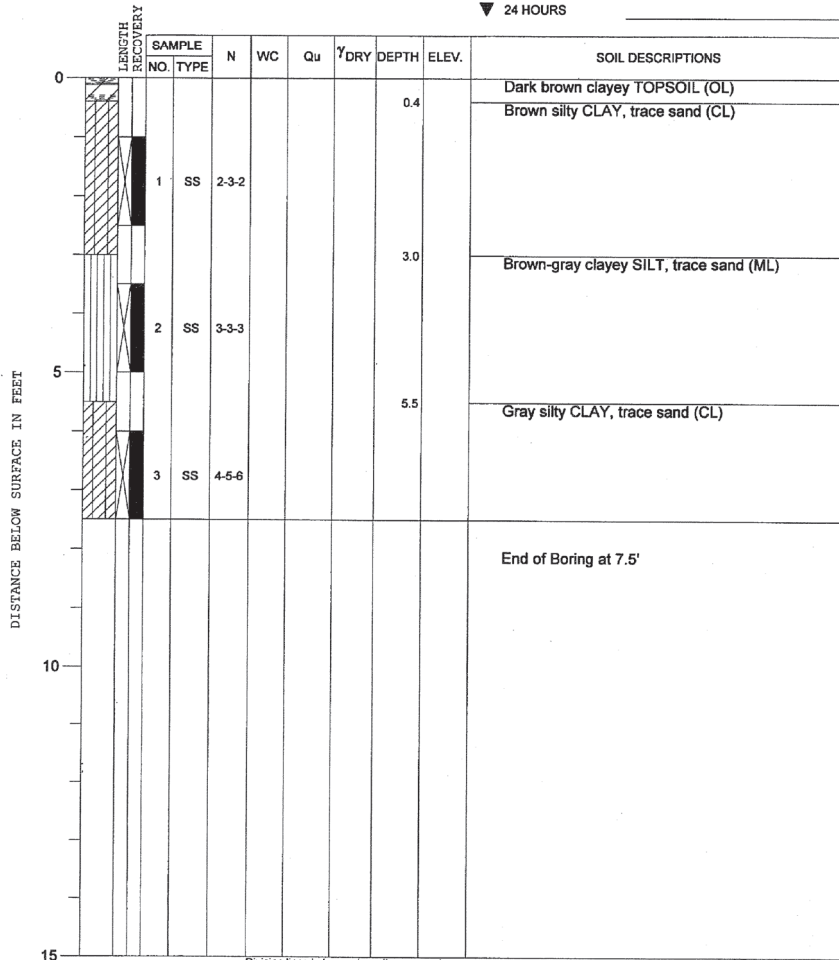
SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	53
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-7 DATE STARTED 1-31-07 DATE COMPLETED 1-31-07 JOB L-68,096



ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING DRY
AT END OF BORING DRY
24 HOURS _____



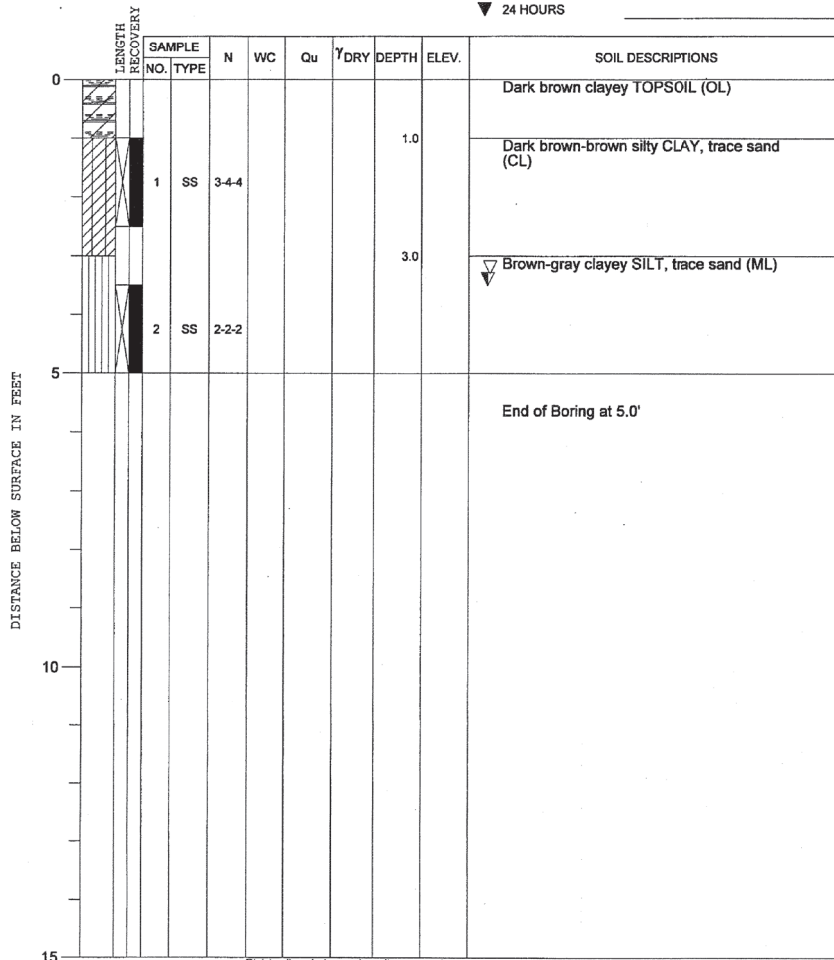
DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-8 DATE STARTED 2-1-07 DATE COMPLETED 2-1-07 JOB L-68,096



ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING 3.5'
AT END OF BORING 3.3'
24 HOURS _____



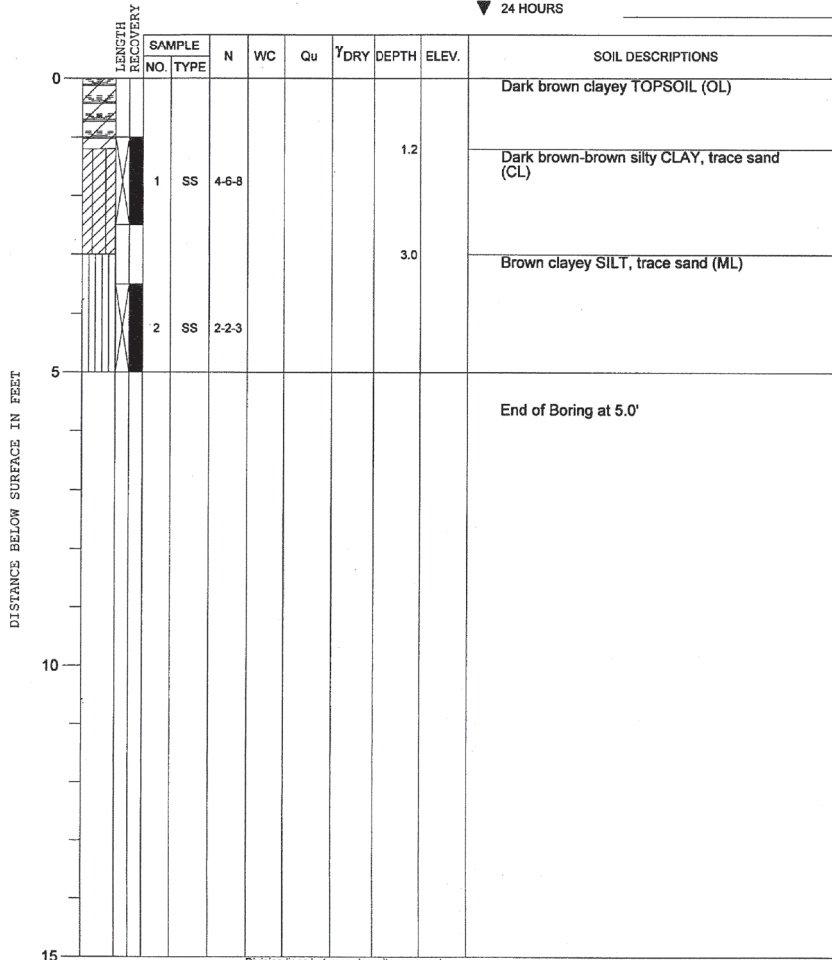
DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-9 DATE STARTED 2-1-07 DATE COMPLETED 2-1-07 JOB L-68,096



ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING DRY
AT END OF BORING DRY
24 HOURS _____



DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

MODEL: Sheet 4
FILE NAME: I:\96jobs\96S2002F_01\CAD\Road\Sheet\C-SHT-Borings.dgn



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PLOT SCALE = 1,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/29/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
BORINGS

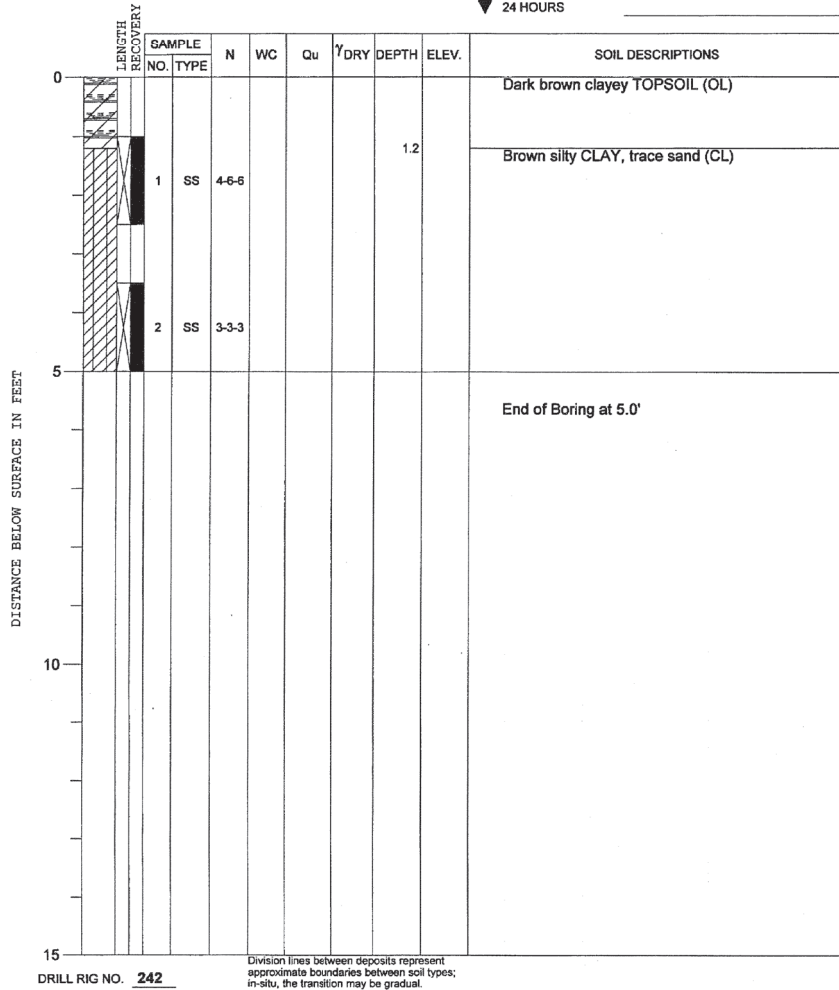
SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	54
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-10 DATE STARTED 2-1-07 DATE COMPLETED 2-1-07 JOB L-68,096



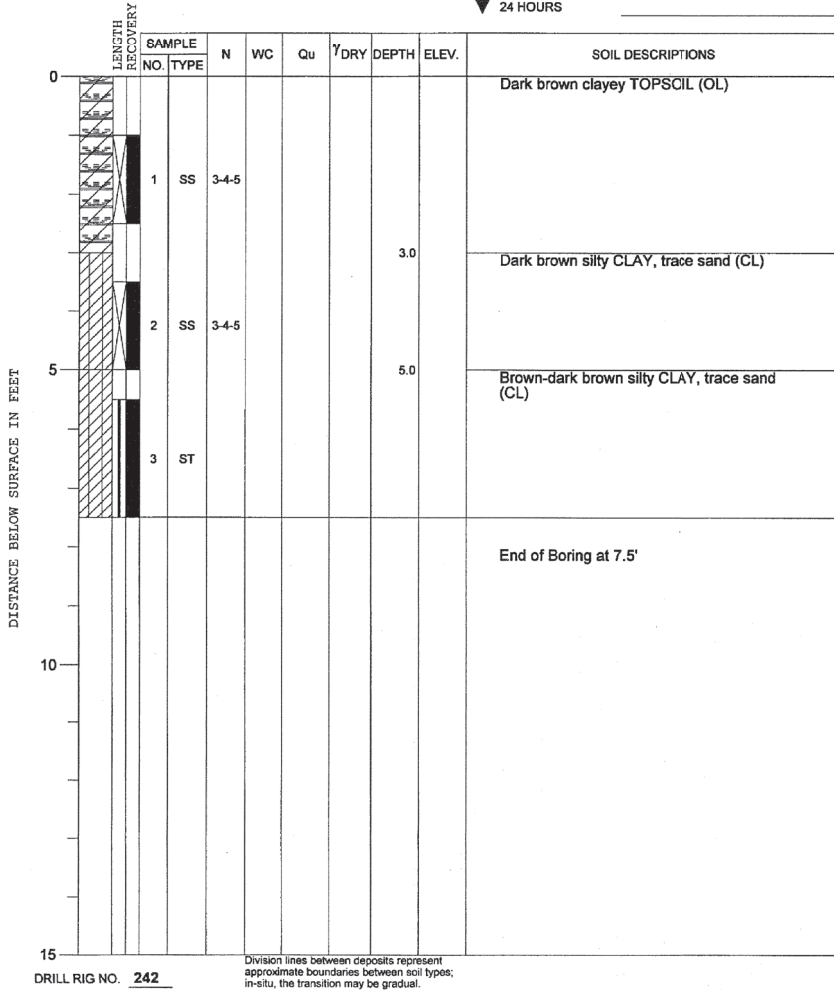
ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING DRY
AT END OF BORING DRY
24 HOURS _____



PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-11 DATE STARTED 2-1-07 DATE COMPLETED 2-1-07 JOB L-68,096



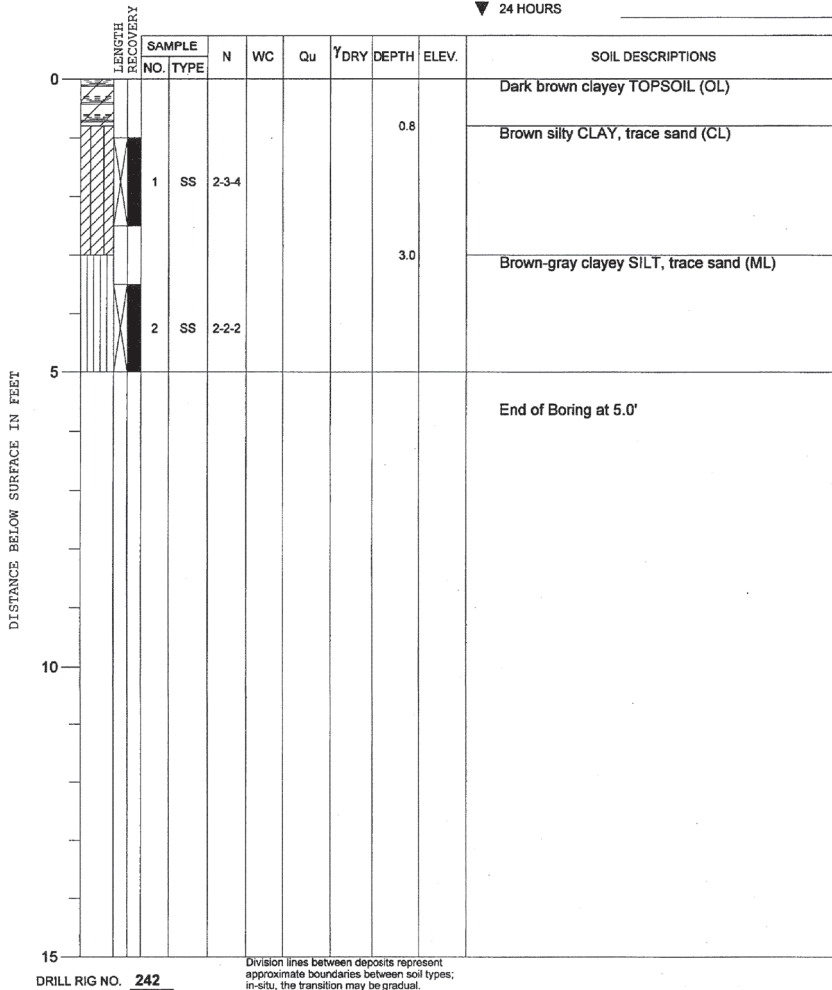
ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING DRY
AT END OF BORING DRY
24 HOURS _____



PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-12 DATE STARTED 2-1-07 DATE COMPLETED 2-1-07 JOB L-68,096



ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING DRY
AT END OF BORING DRY
24 HOURS _____



MODEL: Sheet 5
FILE NAME: I:\98jobs\96S2002F_01\CAD\Road\Sheet\C-SHT-Borings.dgn



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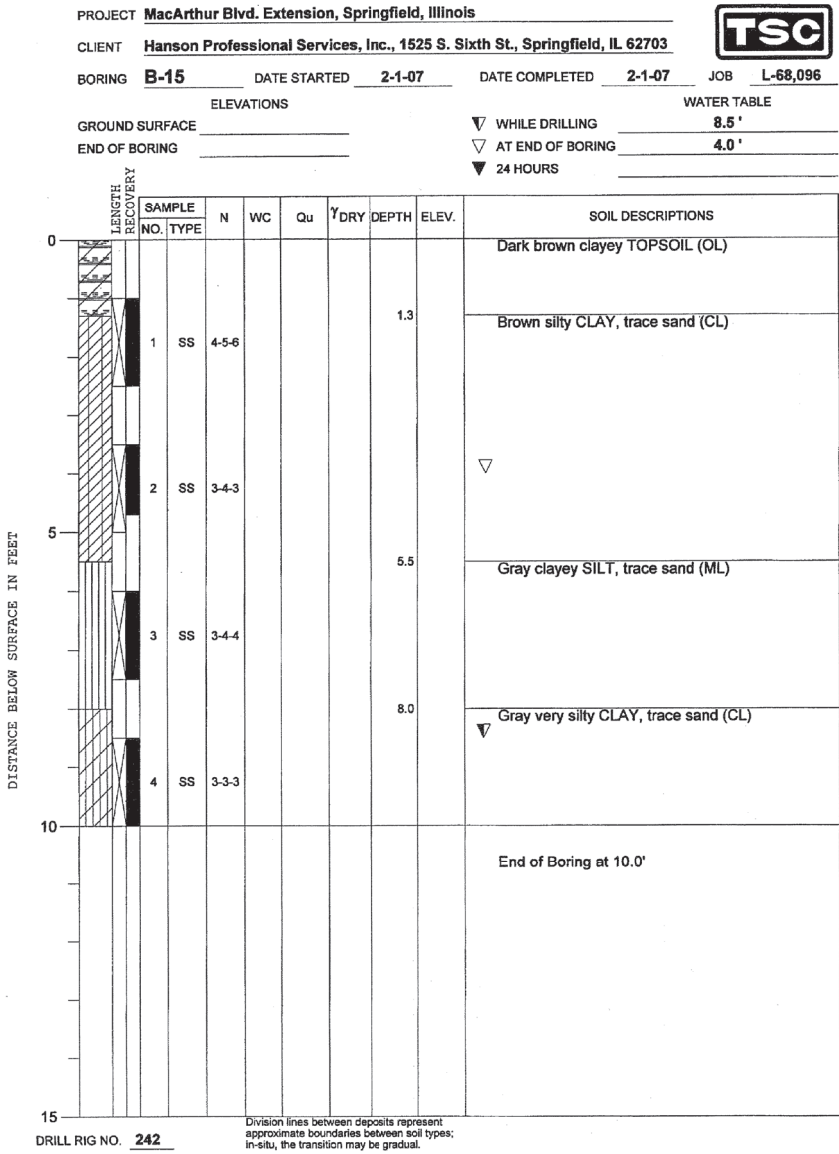
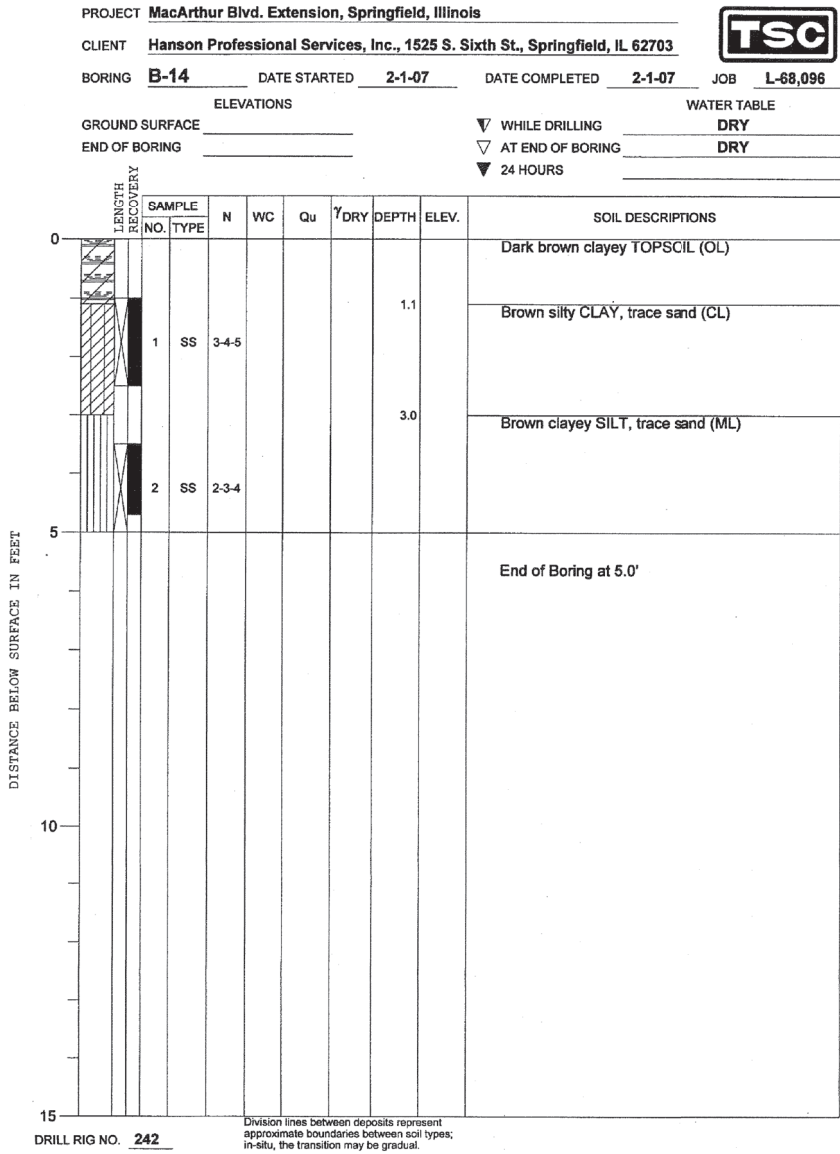
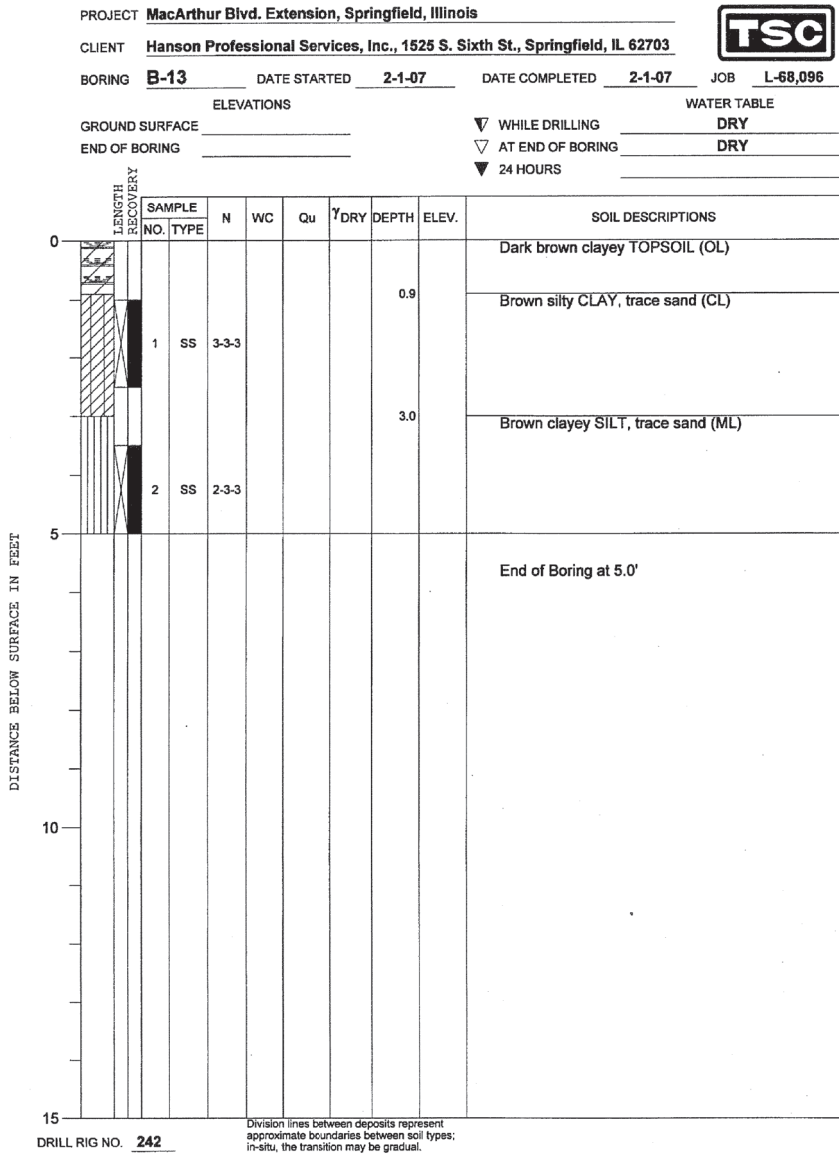
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PLOT DATE = 12/29/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTHUR BOULEVARD
BORINGS

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	55
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



MODEL: Sheet 6
FILE NAME: I:\96jobs\96S2002F_01\CAD\Road\Sheet\C-SHT-Borings.dgn



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	DRAWN -	REVISED -
PLOT SCALE = 1,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/29/2024	DATE -	REVISED -

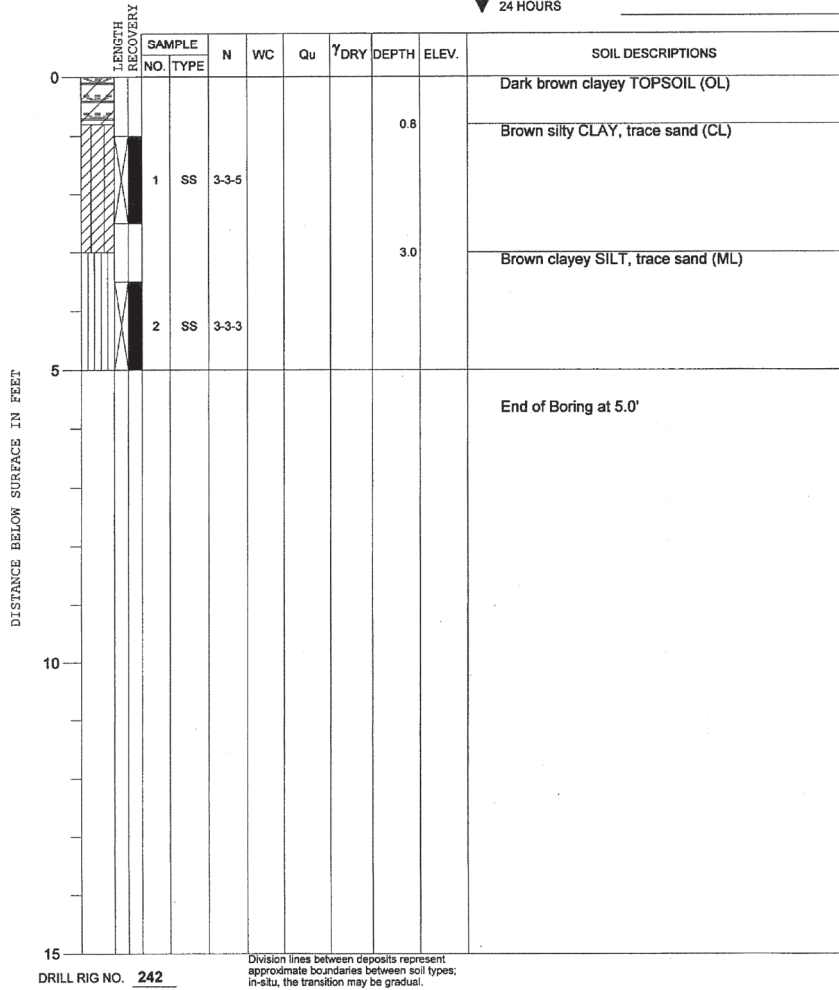
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
BORINGS

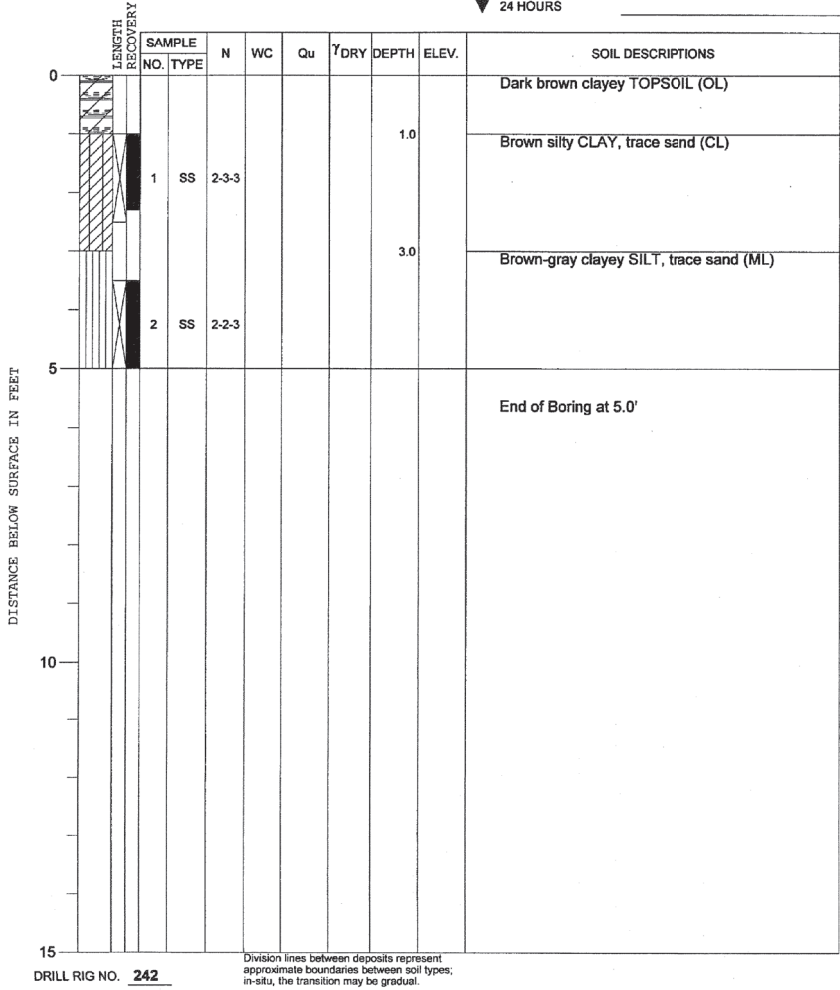
SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	56
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS FED. AID PROJECT		

PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-16 DATE STARTED 2-1-07 DATE COMPLETED 2-1-07 JOB L-68,096
ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING DRY
AT END OF BORING DRY
24 HOURS _____



PROJECT MacArthur Blvd. Extension, Springfield, Illinois
CLIENT Hanson Professional Services, Inc., 1525 S. Sixth St., Springfield, IL 62703
BORING B-17 DATE STARTED 2-1-07 DATE COMPLETED 2-1-07 JOB L-68,096
ELEVATIONS
GROUND SURFACE _____
END OF BORING _____
WATER TABLE
WHILE DRILLING DRY
AT END OF BORING DRY
24 HOURS _____



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

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

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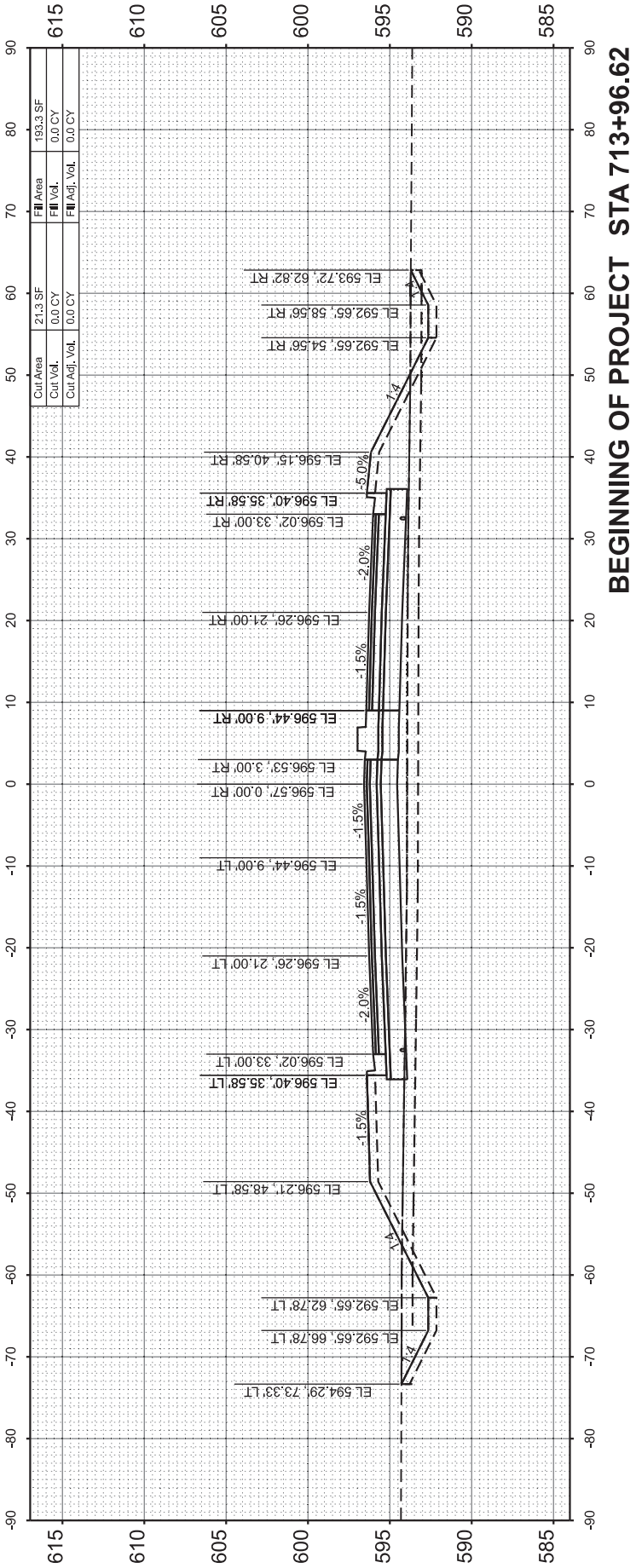
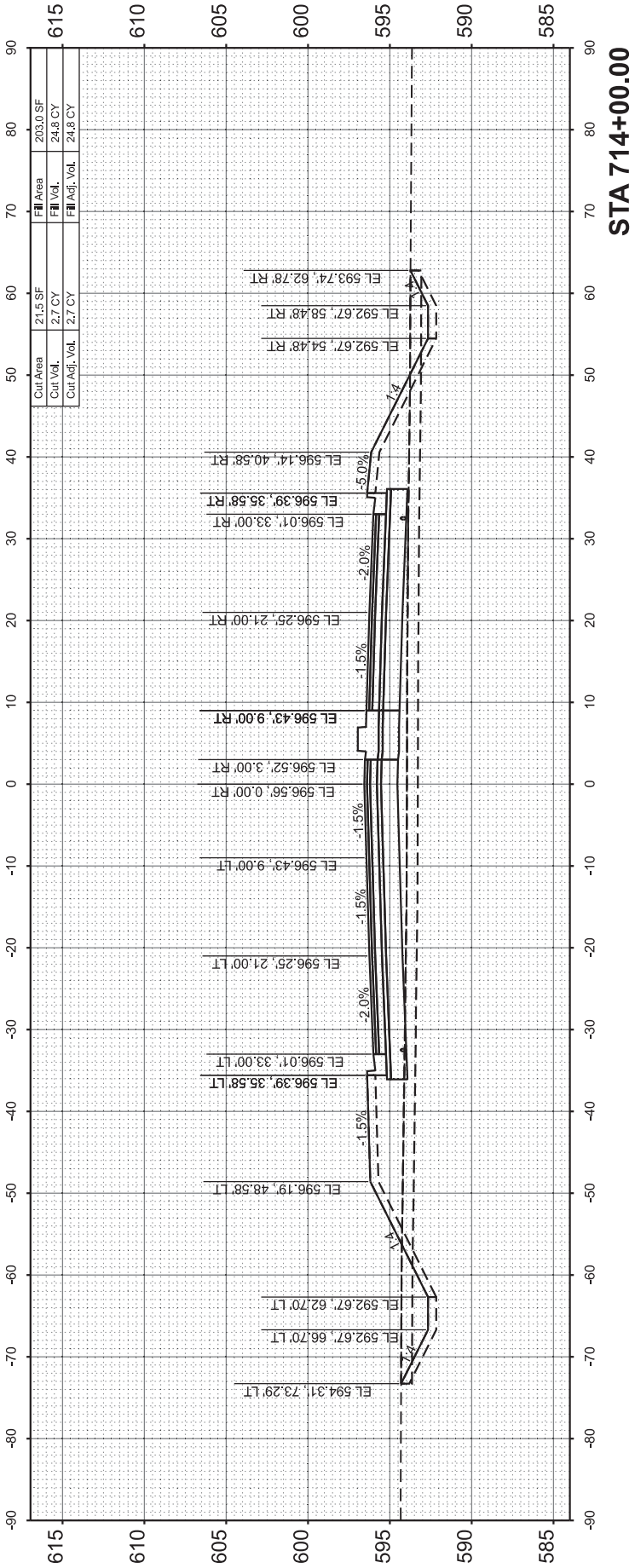
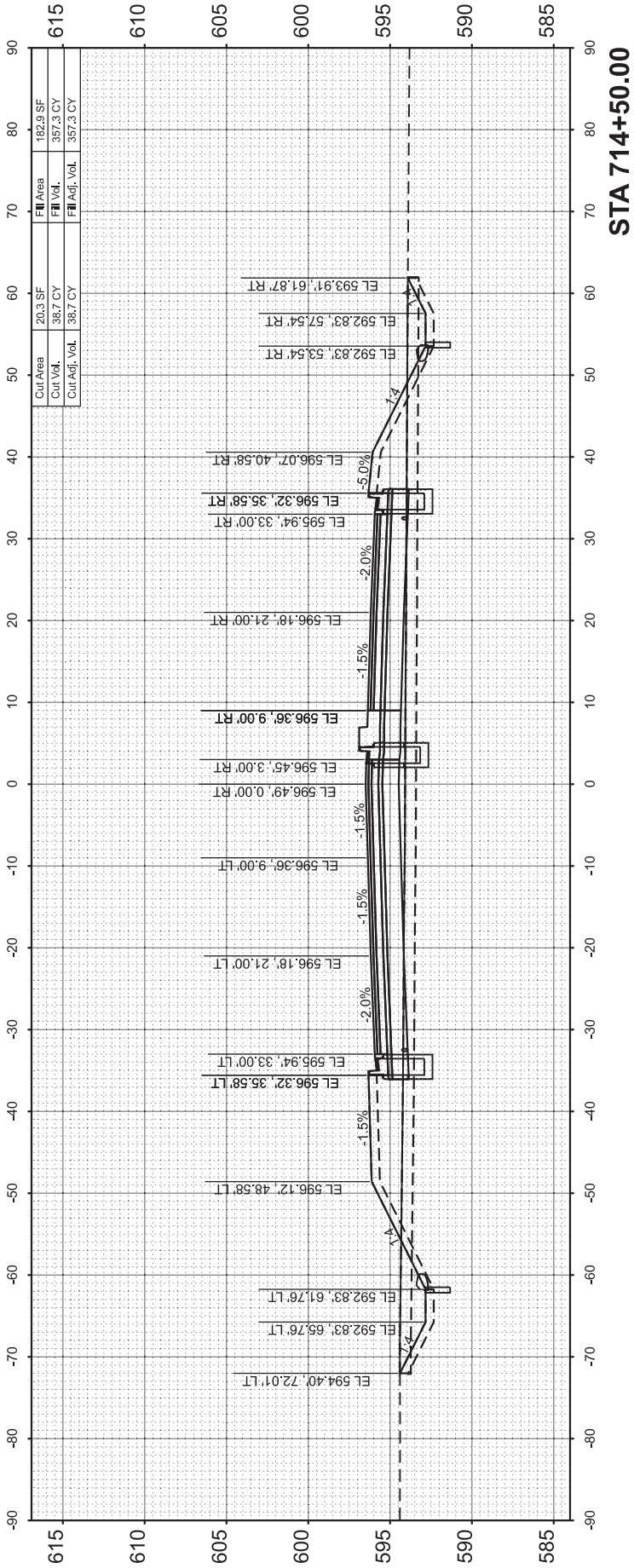


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PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD	
CROSS SECTIONS	
SCALE: 1"=10'	SHEET 1 OF 38 SHEETS
STA. 713+96.62	TO STA. 714+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	57
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



BEGINNING OF PROJECT STA 713+96.62

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

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

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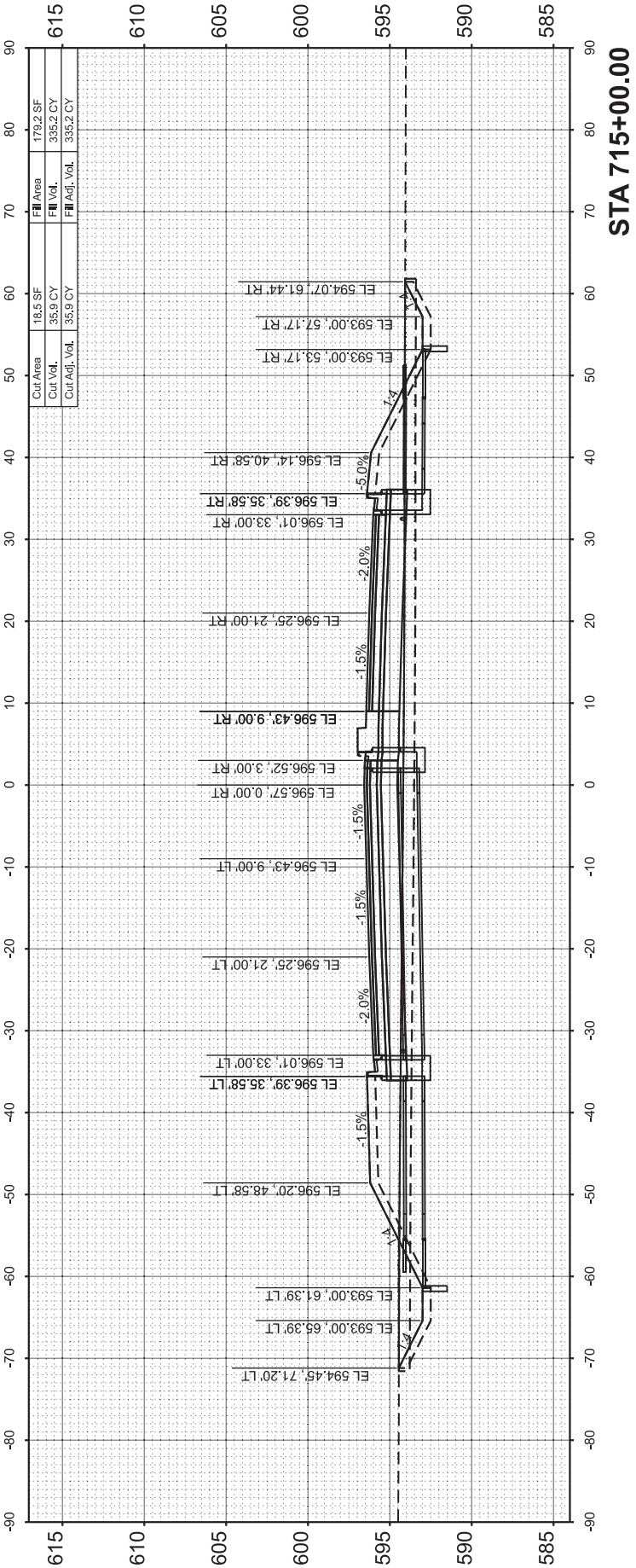
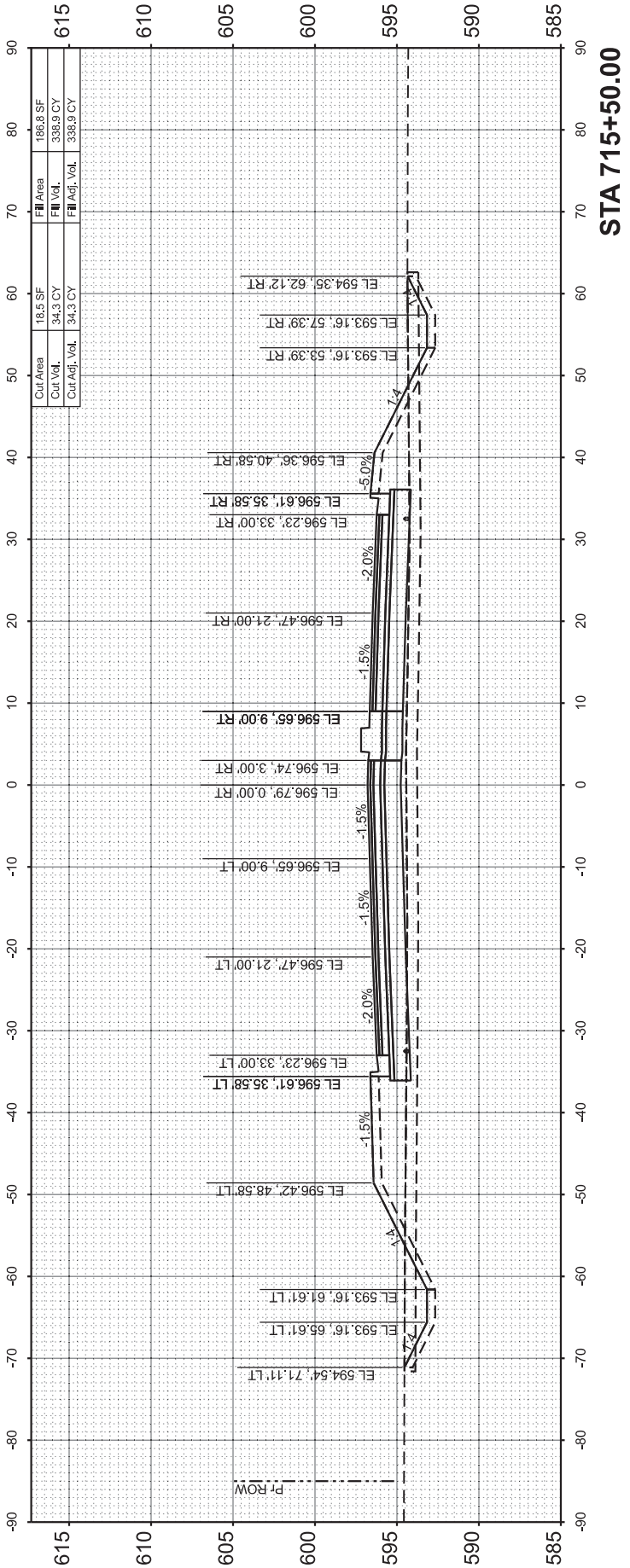
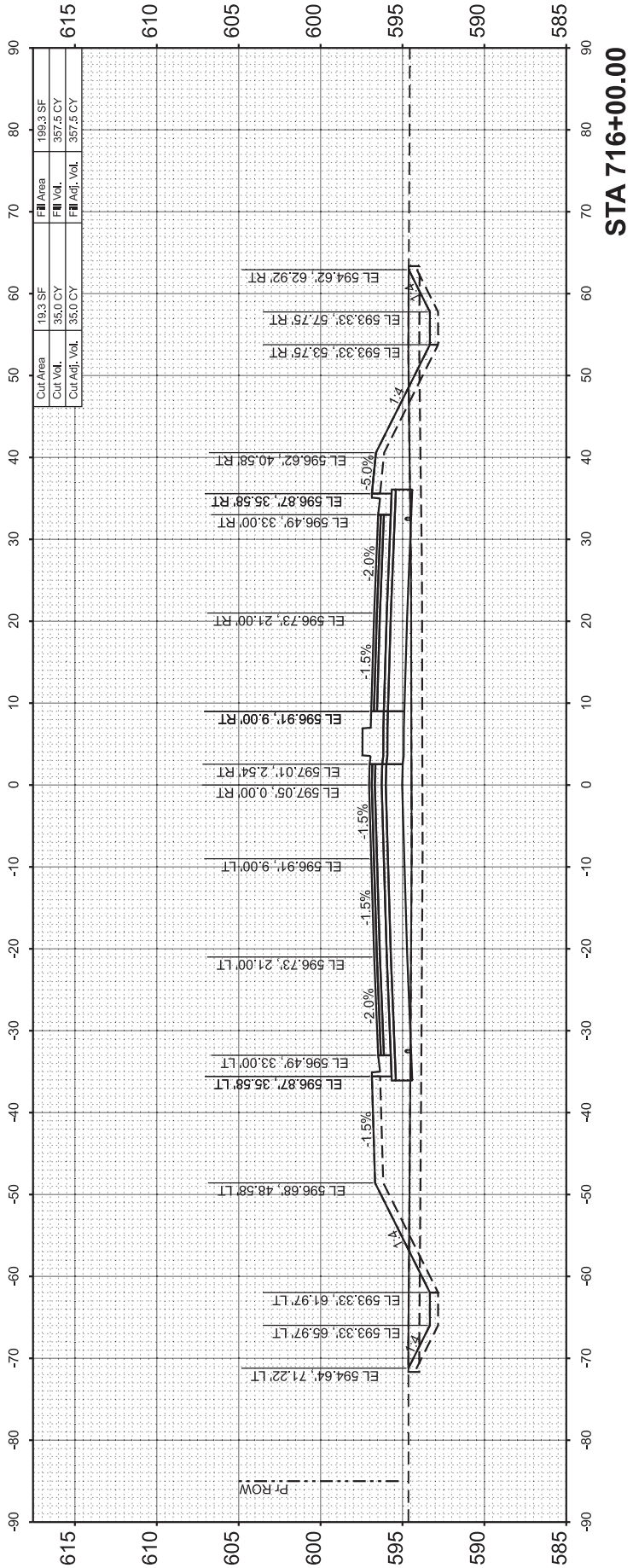


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PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD	
CROSS SECTIONS	
SCALE: 1"=10'	SHEET 2 OF 38 SHEETS
STA. 715+00.00	TO STA. 716+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	58
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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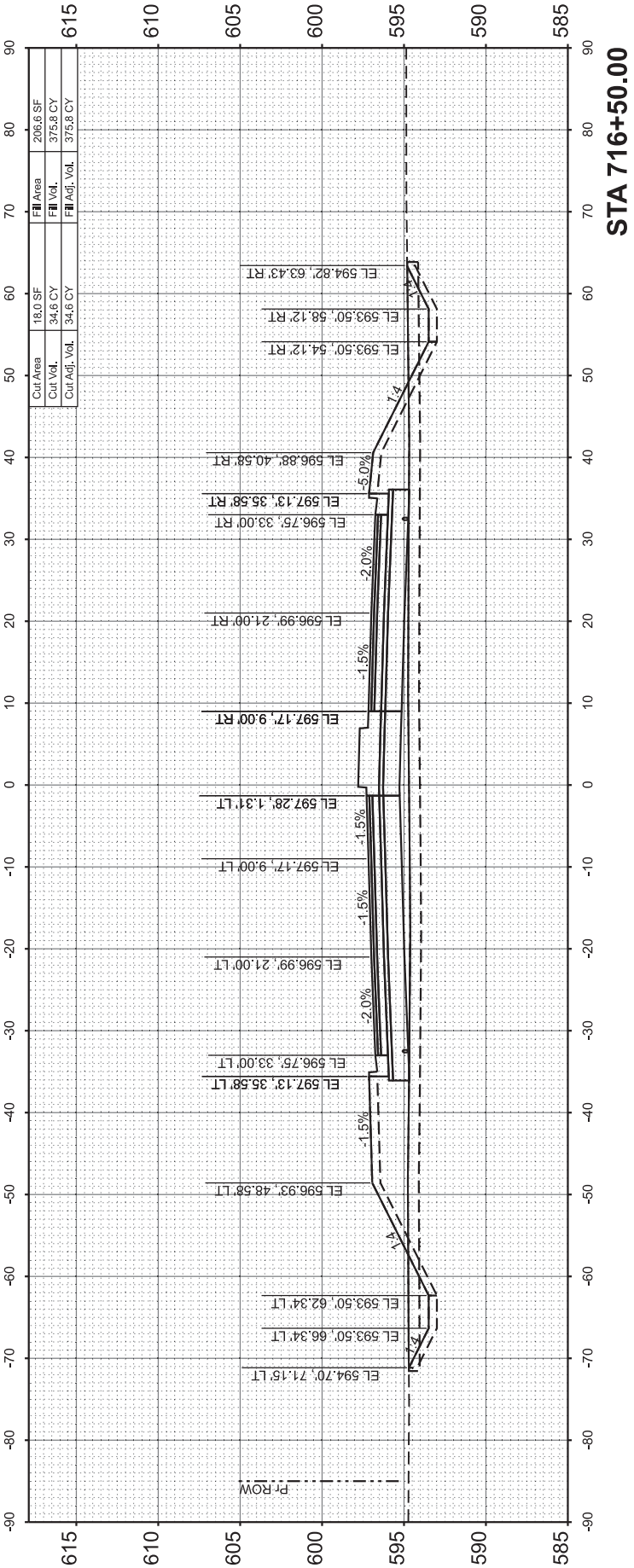
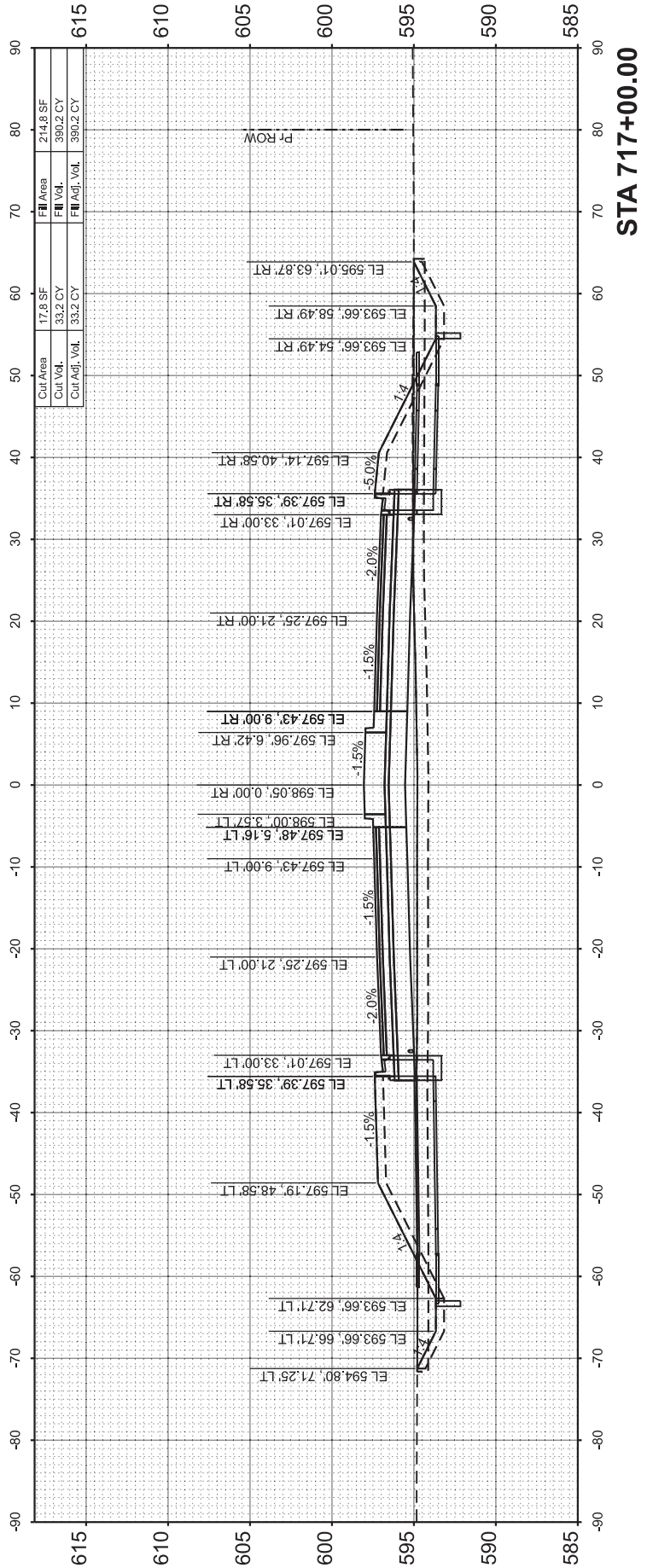
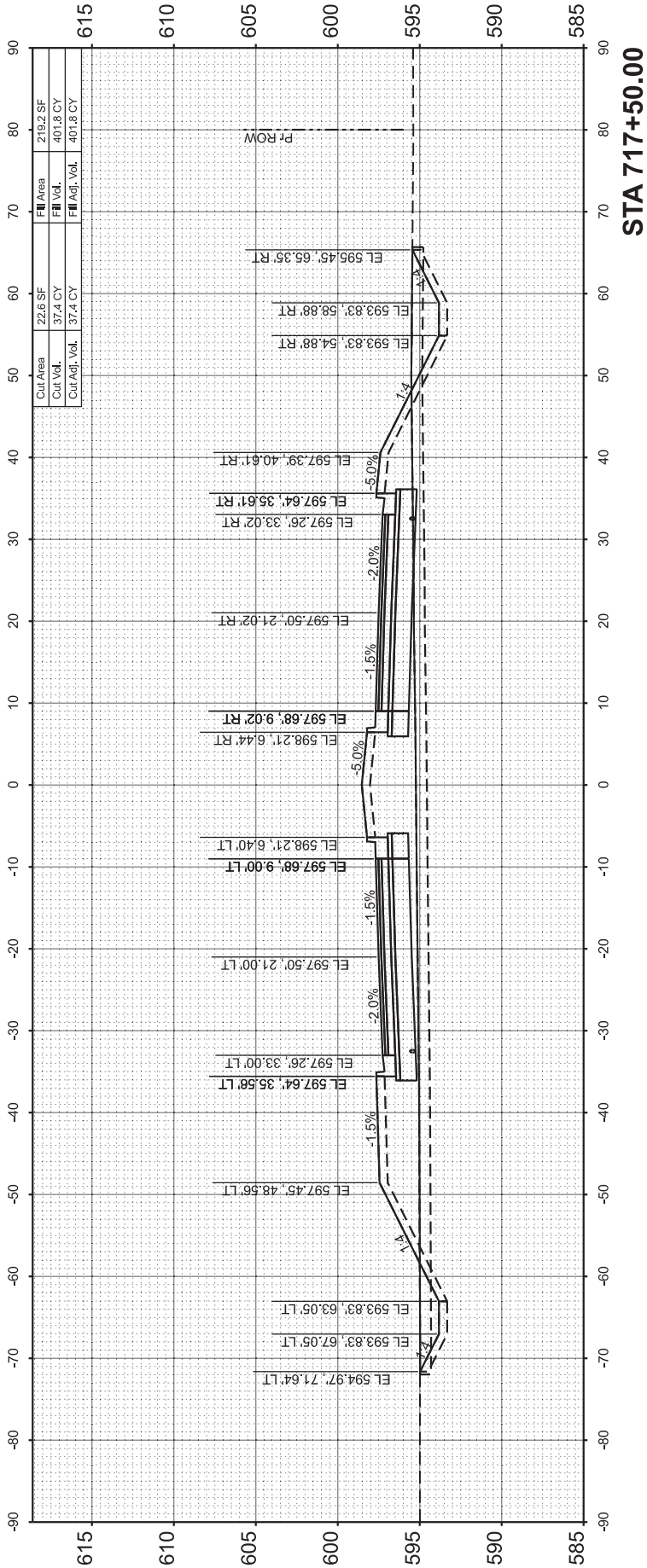
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	DRAWN -	REVISED -
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 3	OF 38 SHEETS	STA. 716+50.00 TO STA. 717+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	59
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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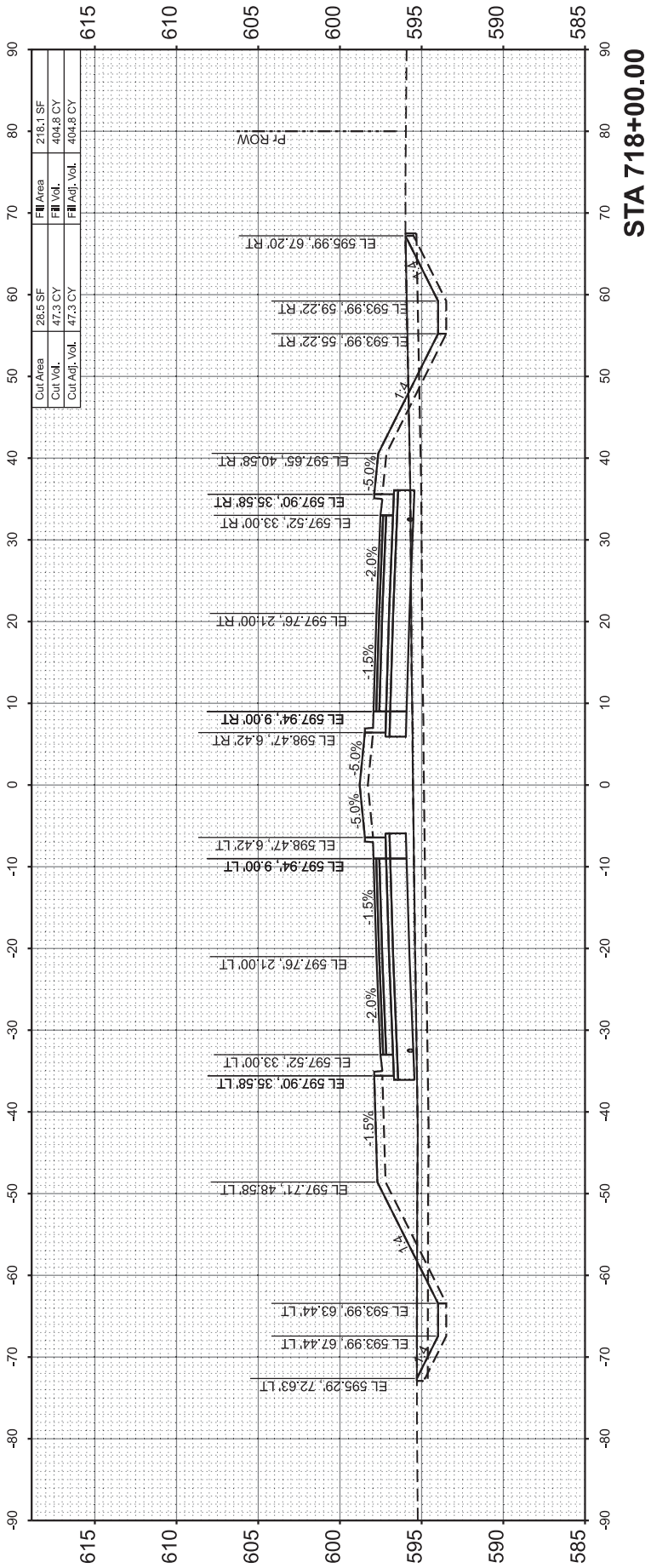
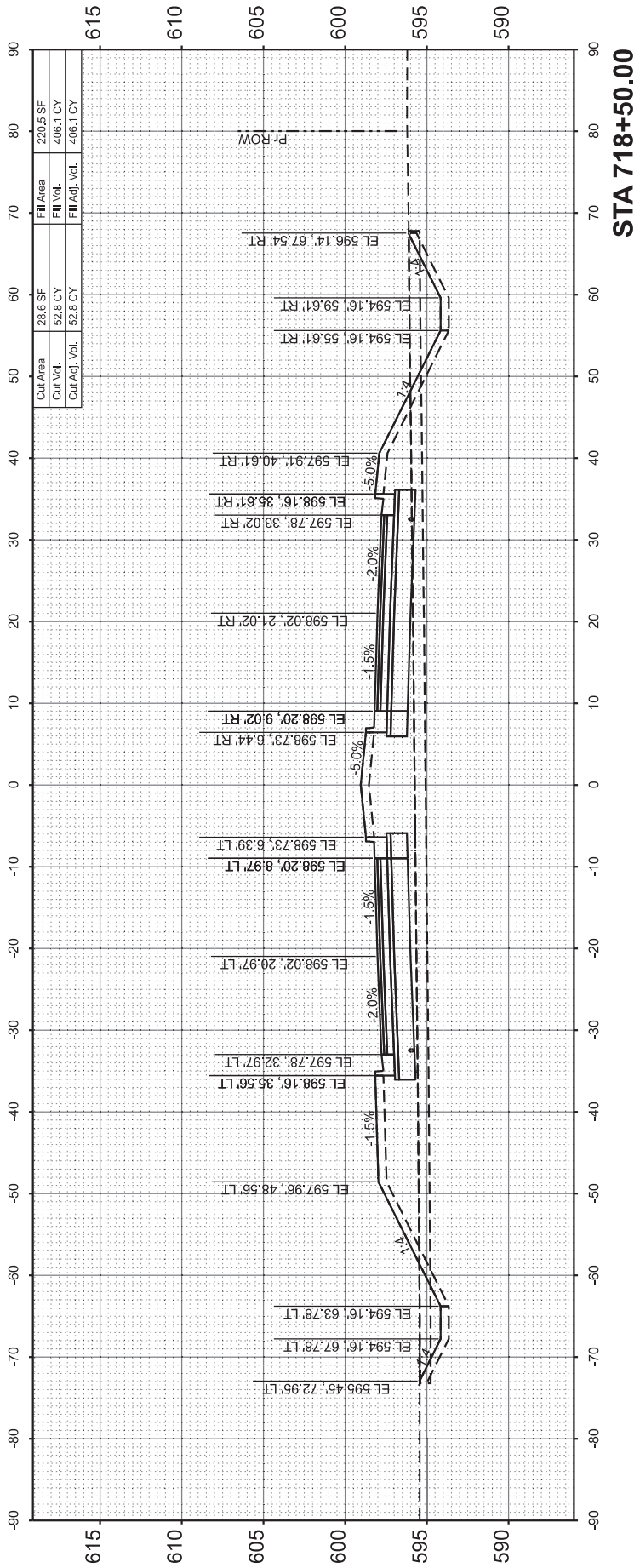
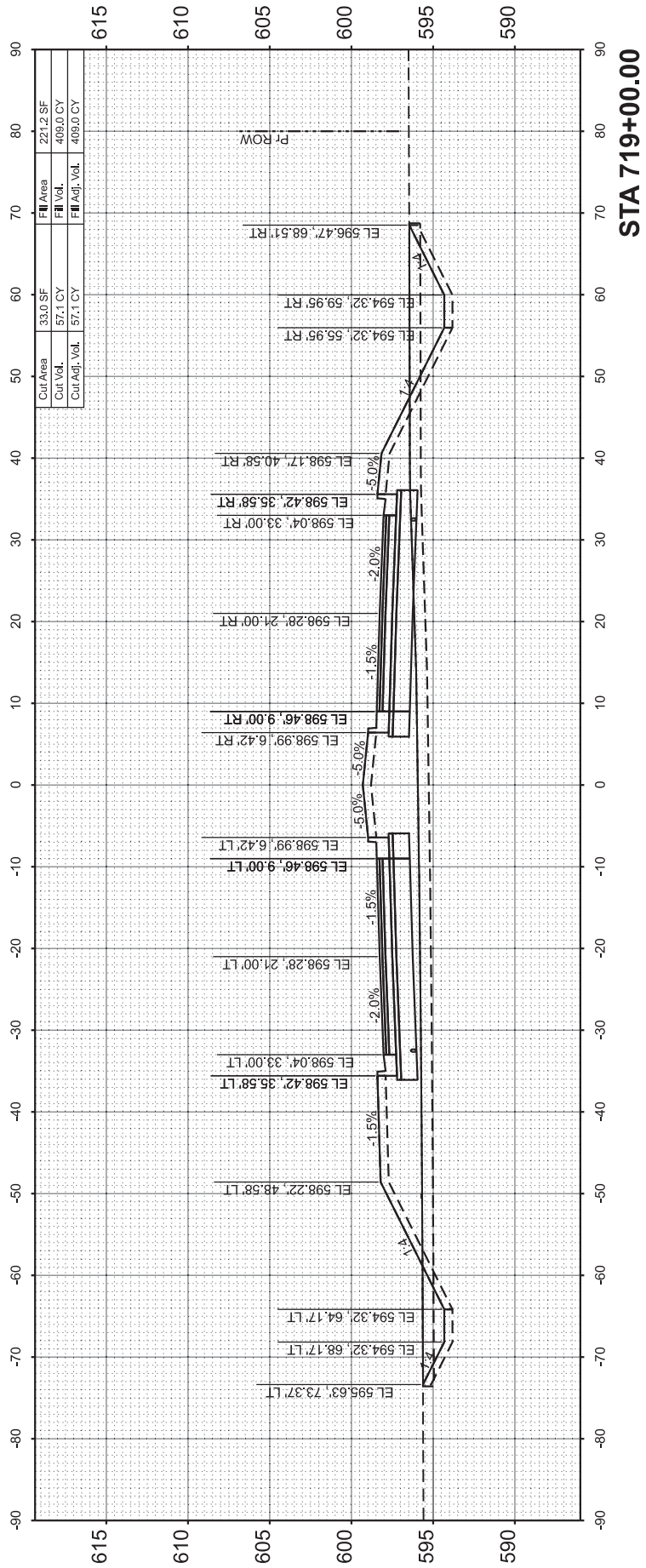
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 4	OF 38 SHEETS	STA. 718+00.00 TO STA. 719+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	60
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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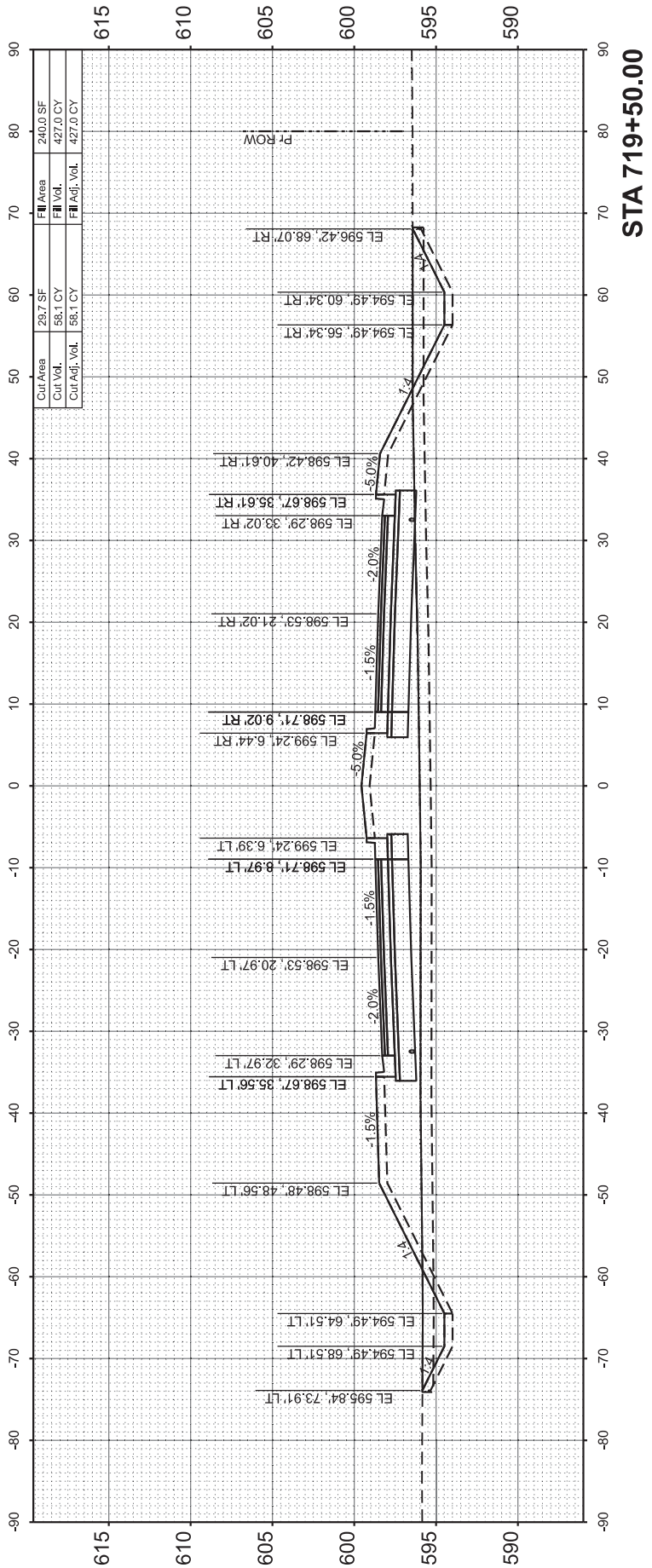
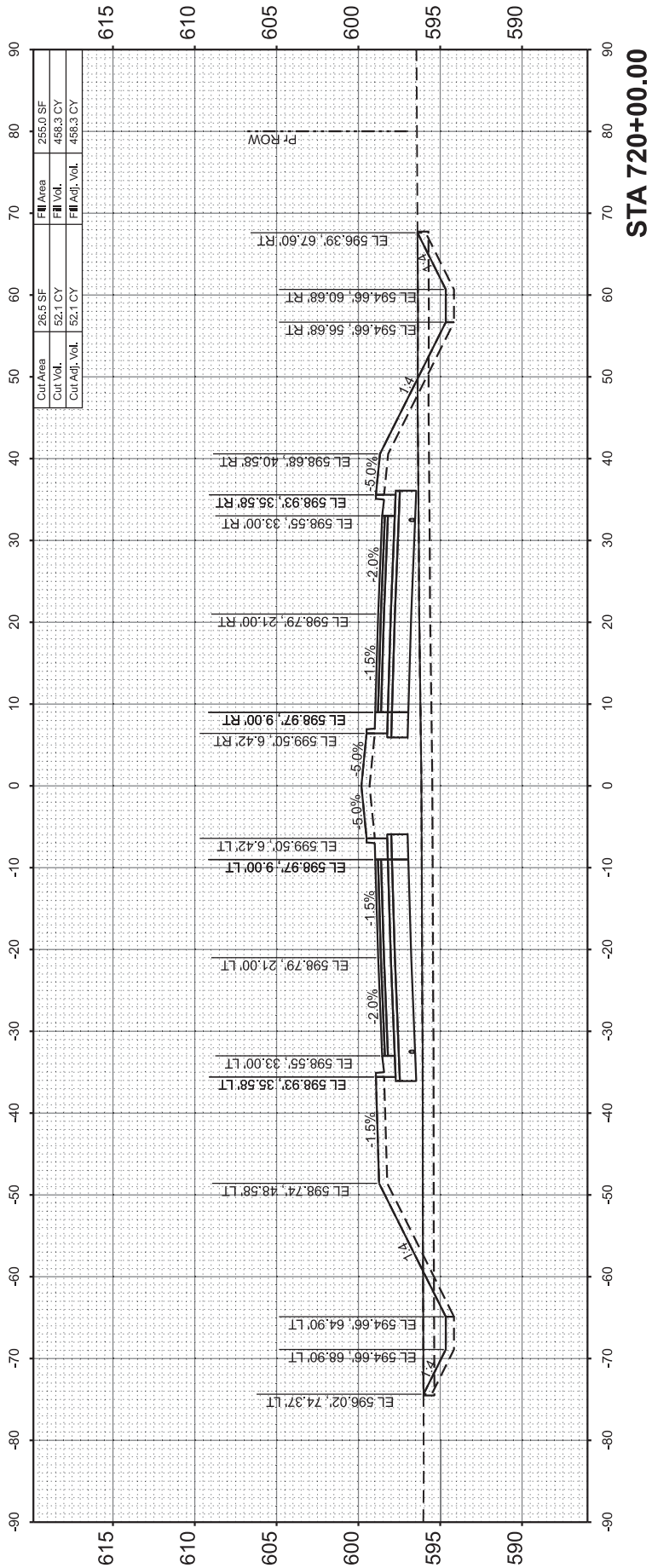
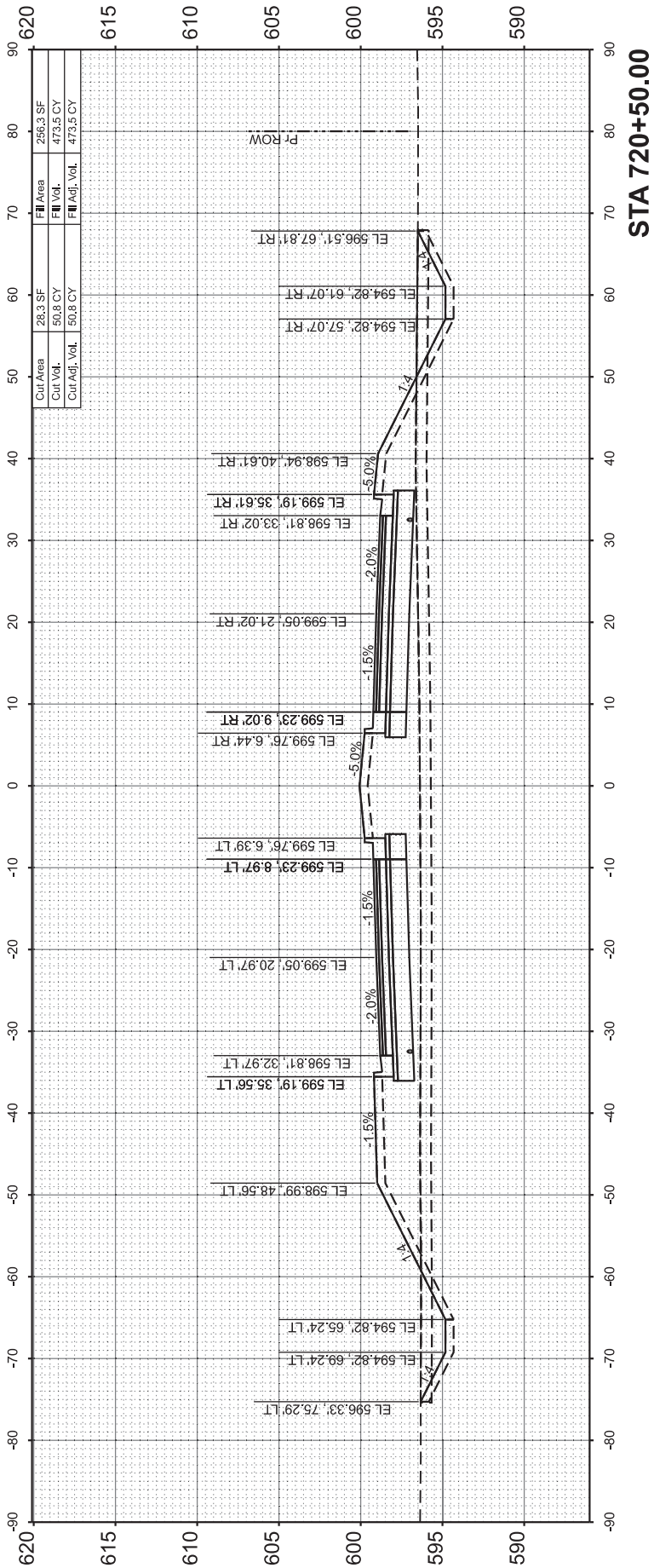


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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CROSS SECTIONS		8071	05-00164-03-FP	SANGAMON	97	61
SCALE: 1"=10'		SHEET 5 OF 38 SHEETS		CONTRACT NO. 93833		
STA. 719+50.00 TO STA. 720+50.00		ILLINOIS		FED. AID PROJECT		



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



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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	62
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



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

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

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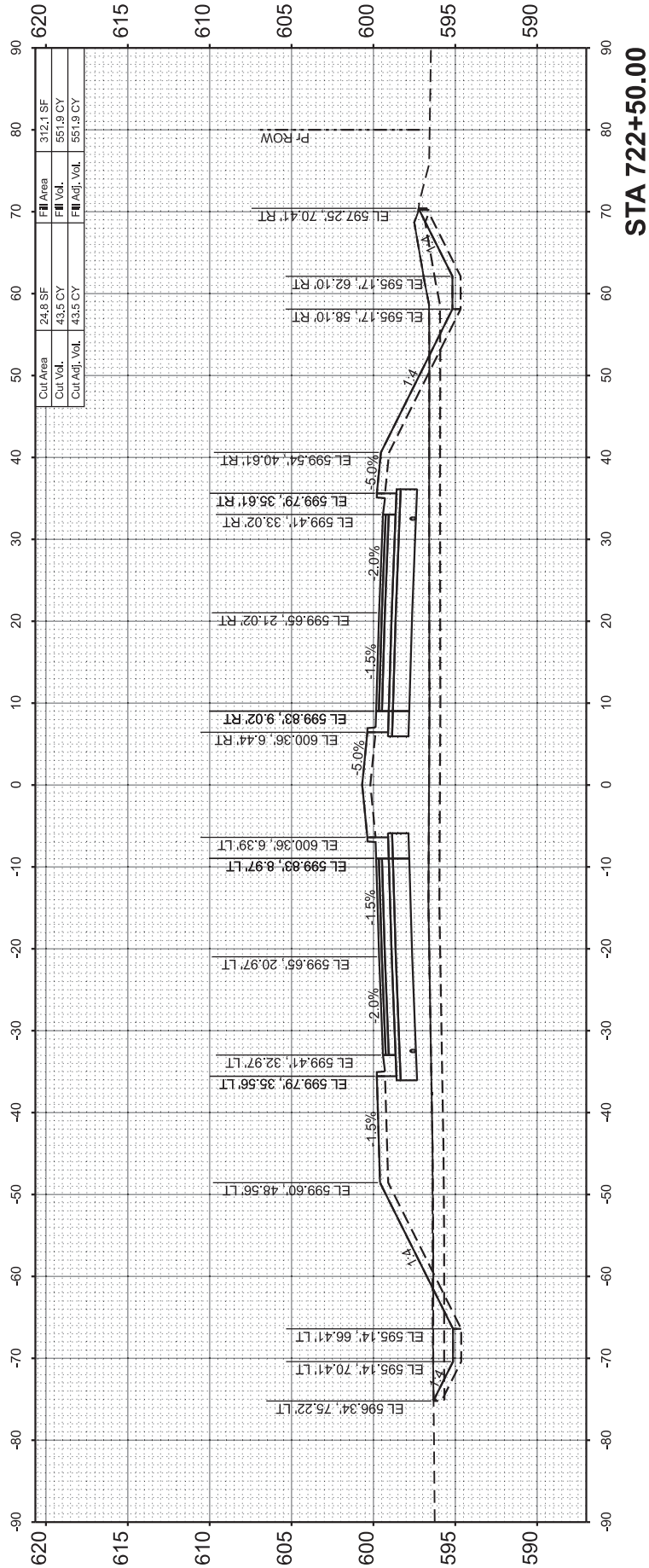
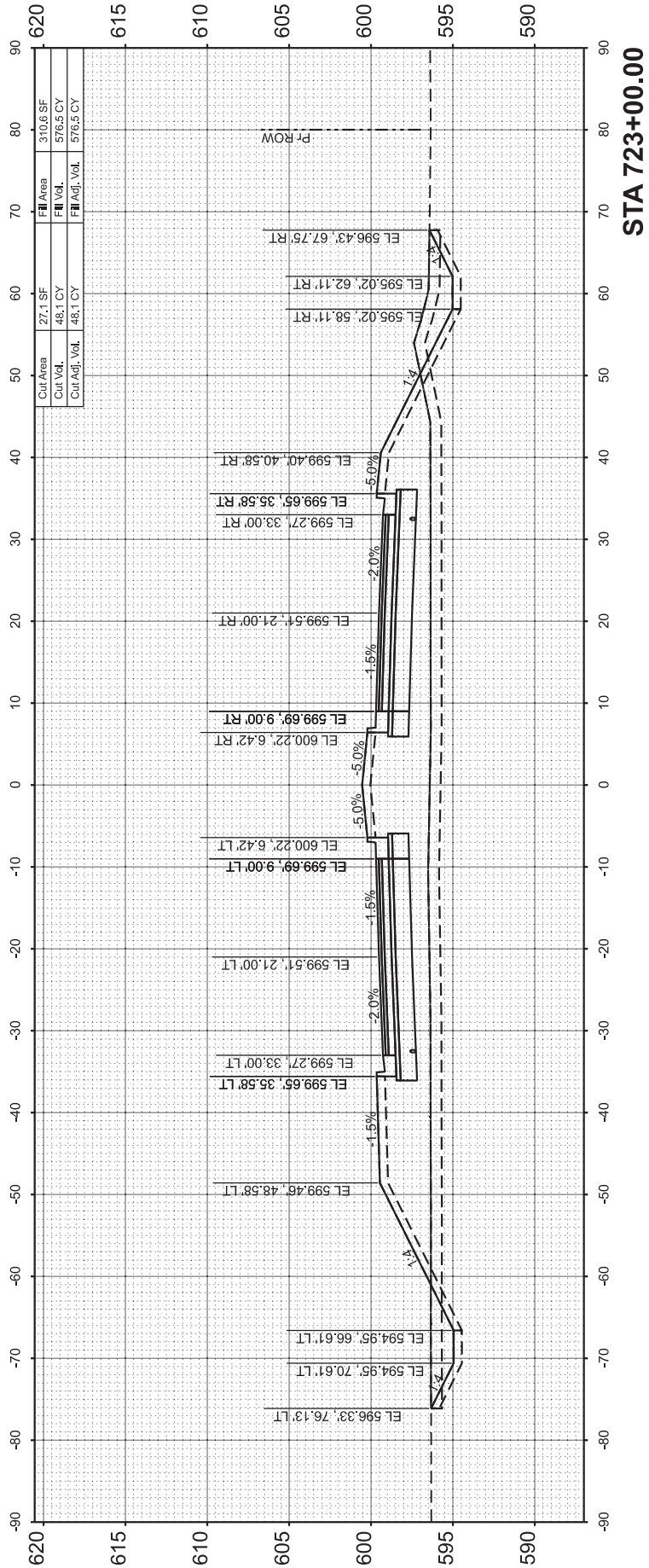
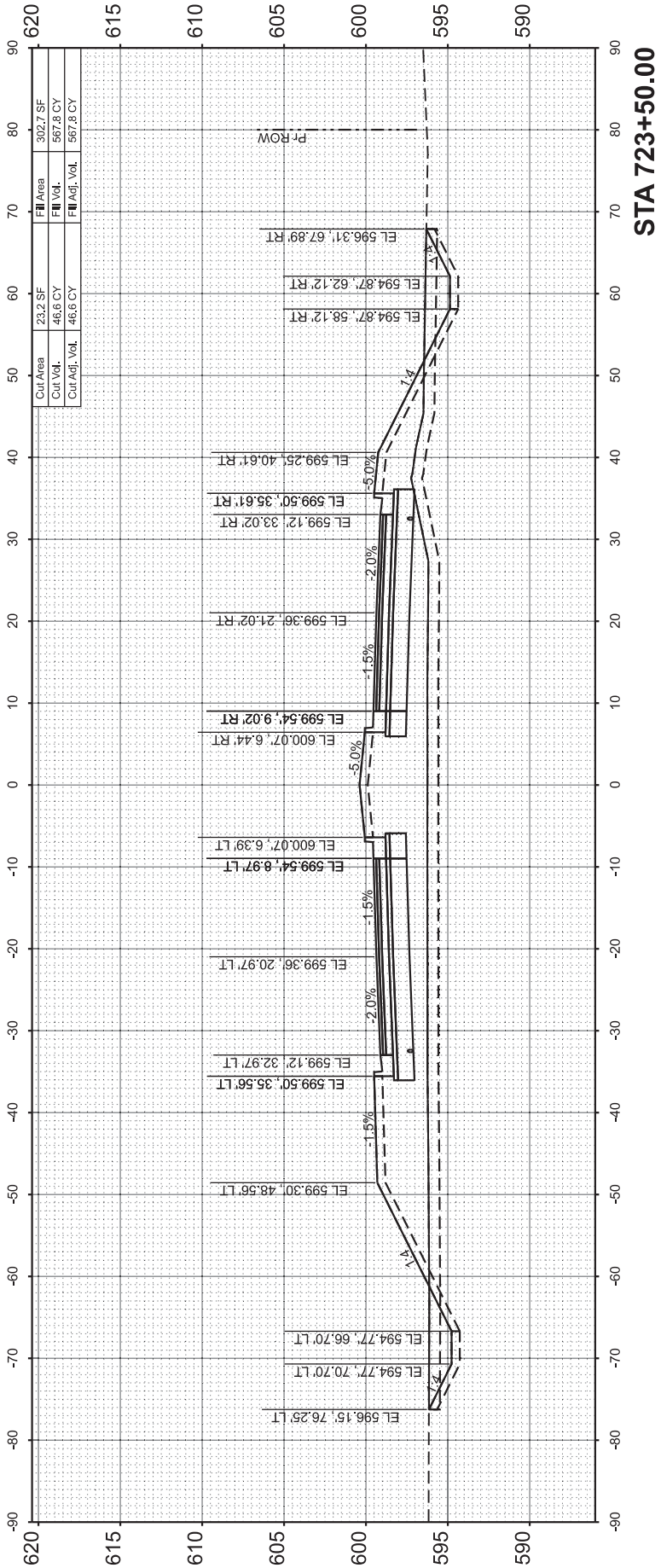


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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CROSS SECTIONS		8071	05-00164-03-FP	SANGAMON	97	63
SCALE: 1"=10'		SHEET 7 OF 38 SHEETS		CONTRACT NO. 93833		
STA. 722+50.00 TO STA. 723+50.00		ILLINOIS		FED. AID PROJECT		



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

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

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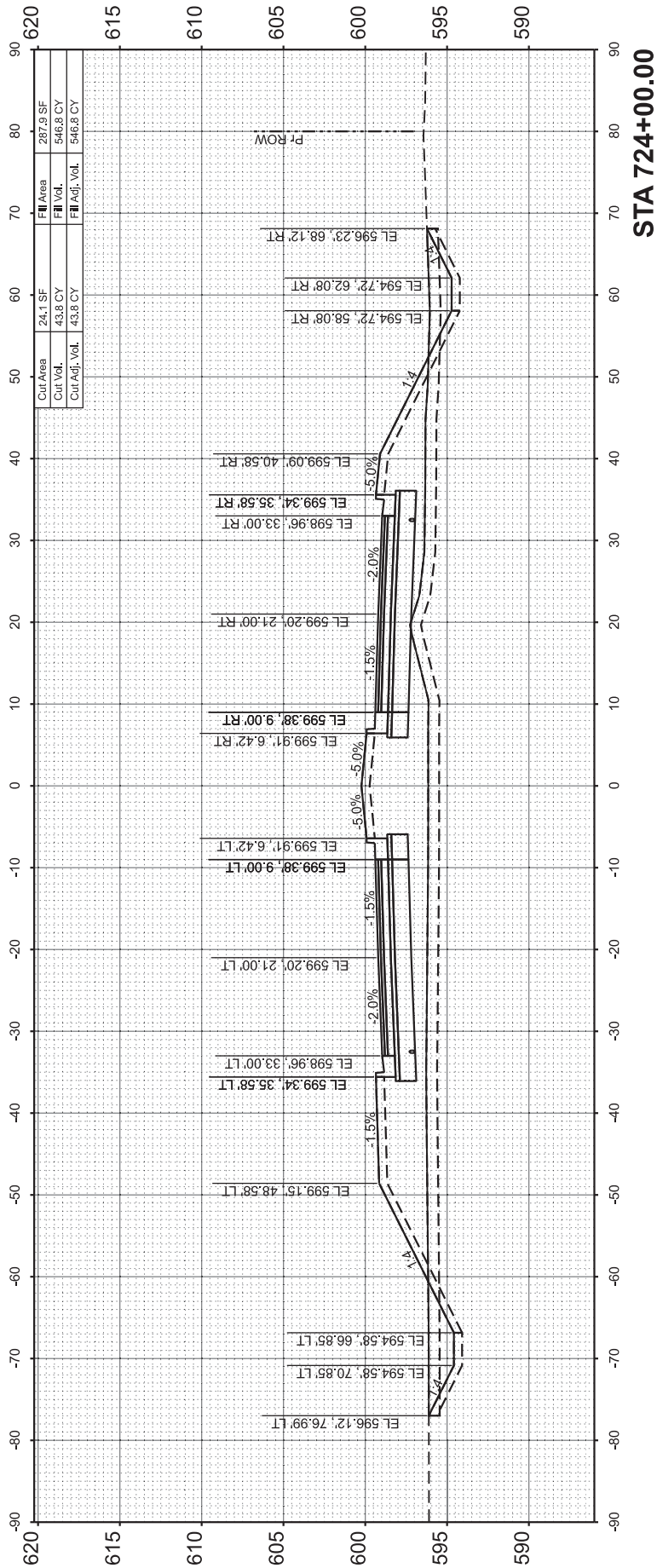
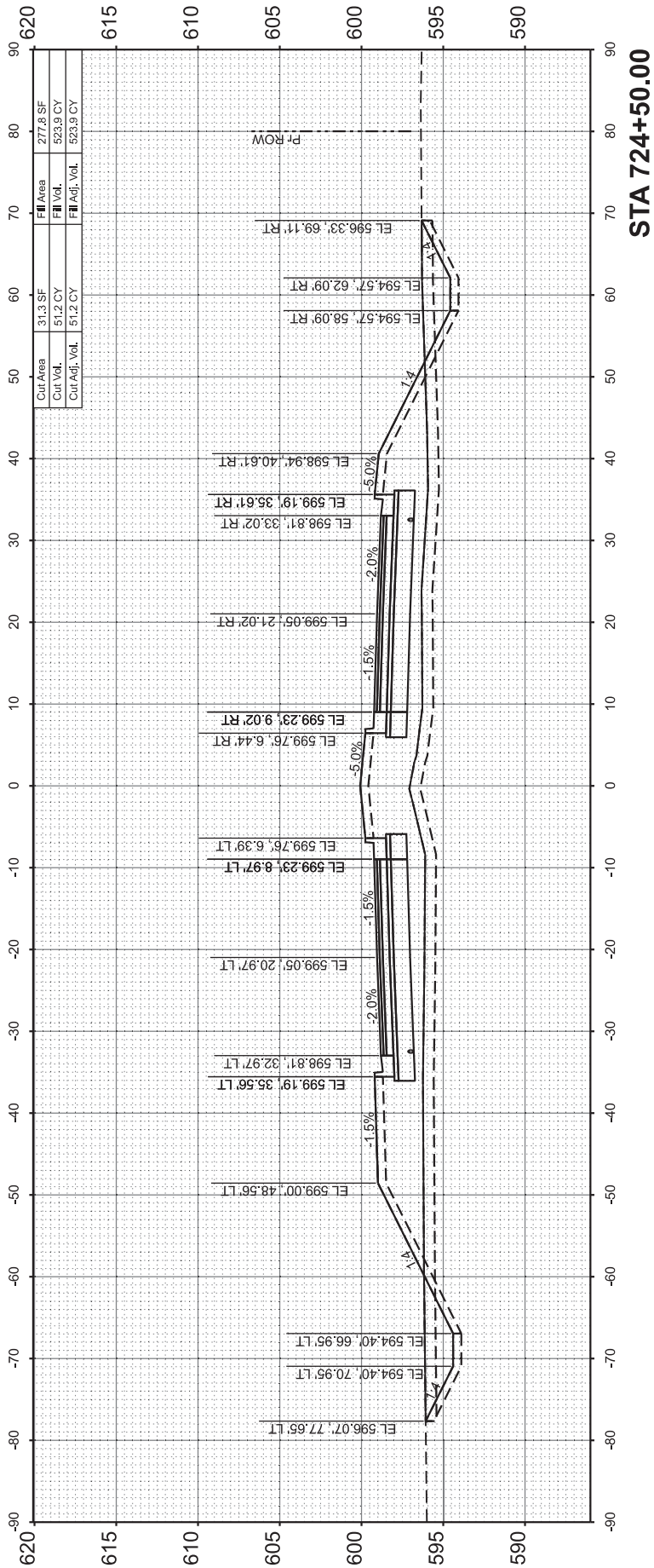
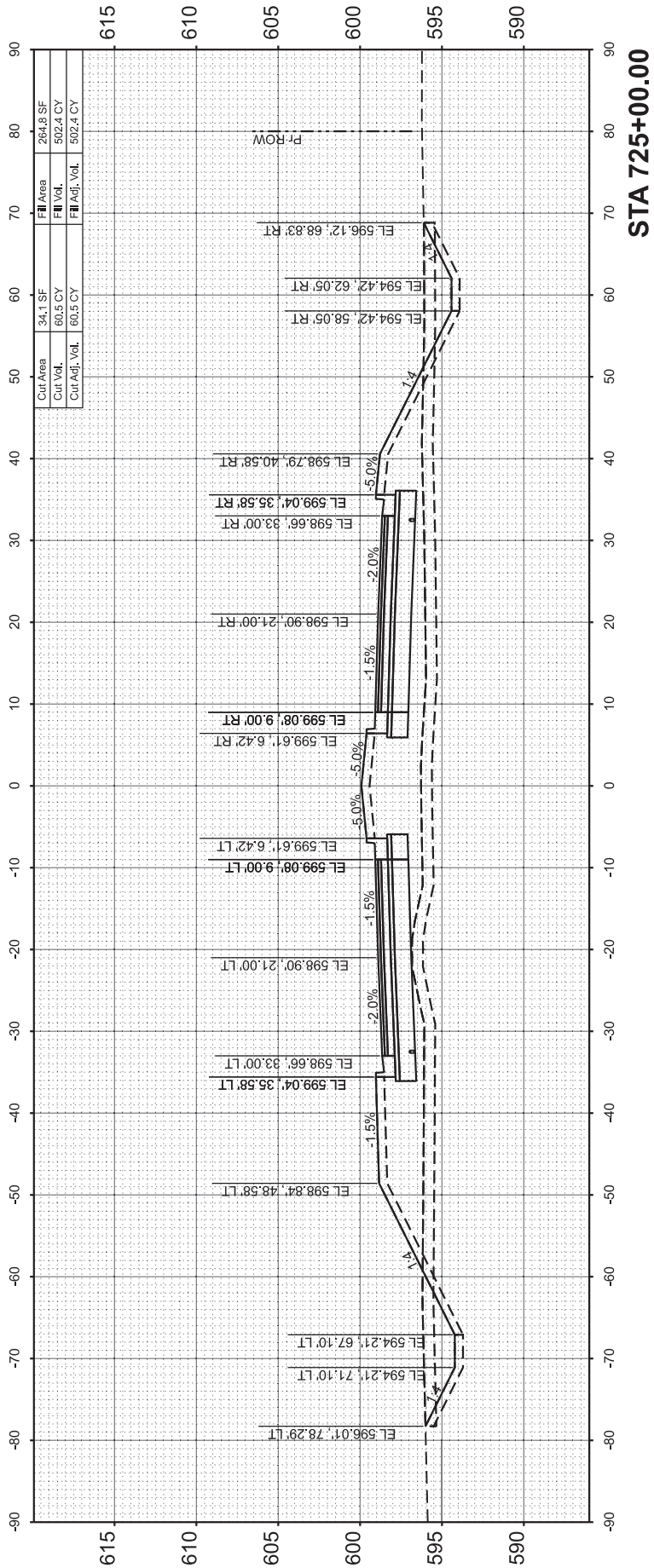
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USER NAME = hardj02376	DESIGNED -	REVISED -
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 8	OF 38 SHEETS	STA. 724+00.00 TO STA. 725+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	64
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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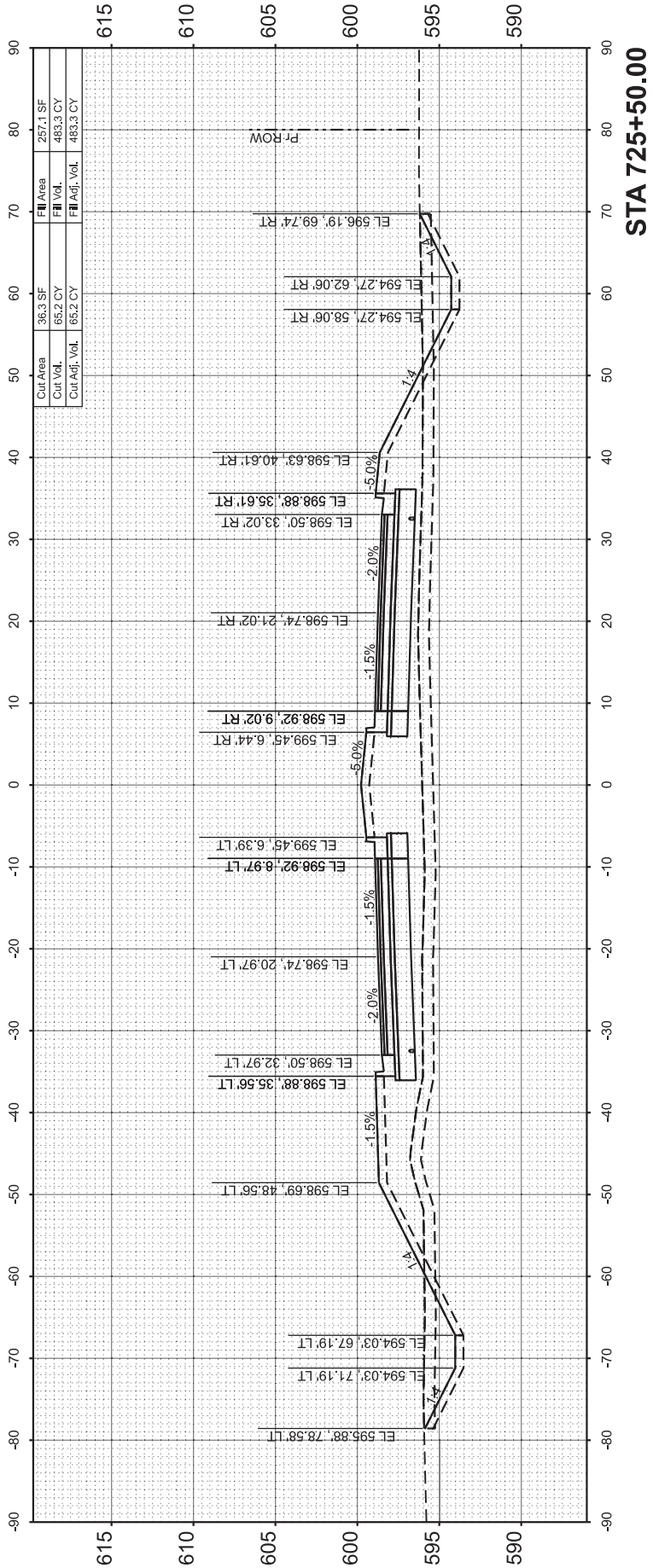
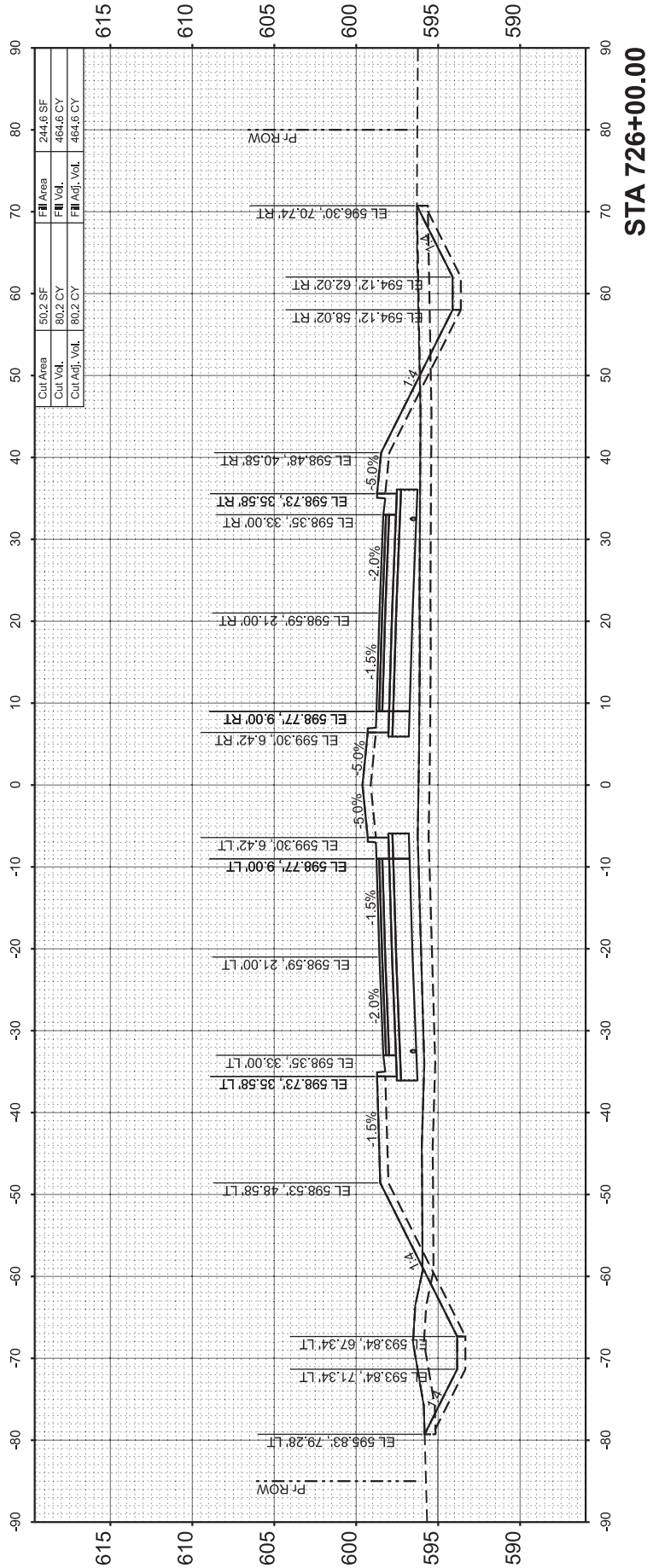
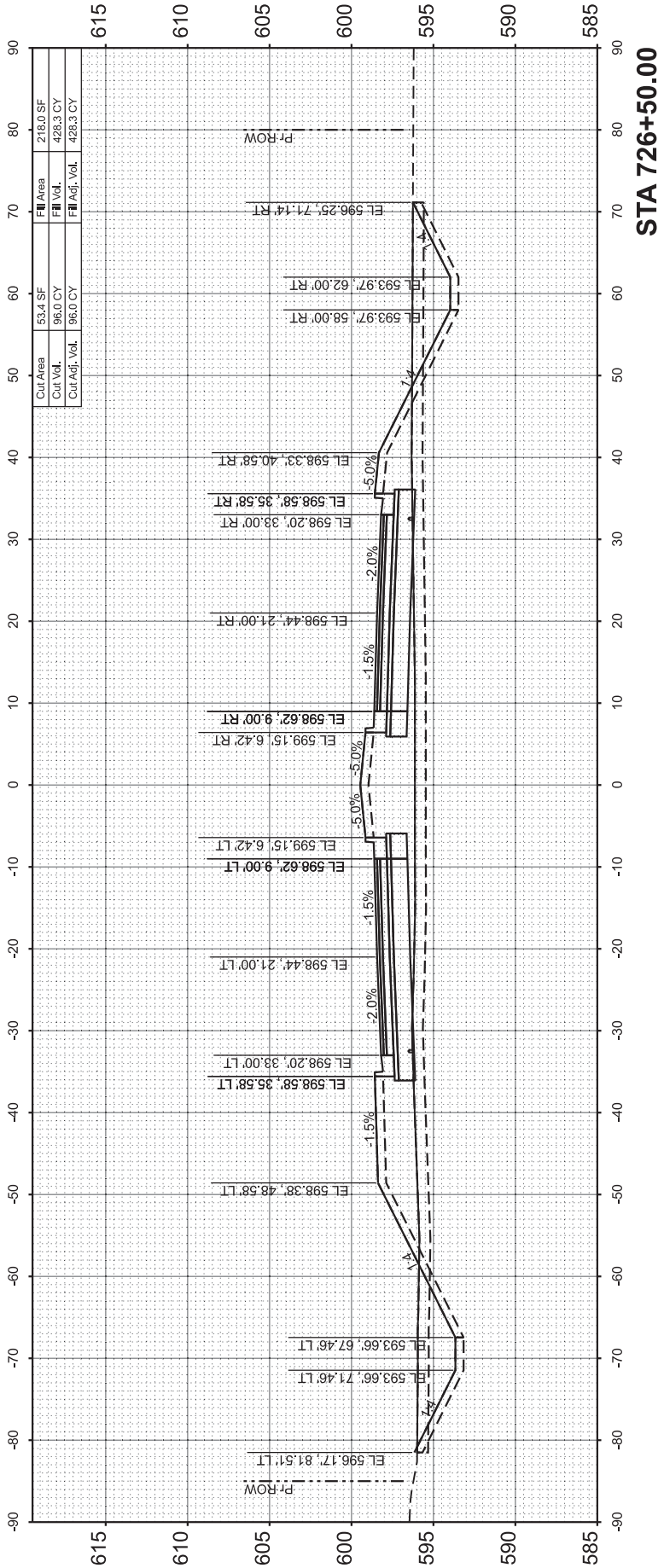
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	DRAWN -	REVISED -
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 9	OF 38 SHEETS	STA. 725+50.00 TO STA. 726+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	65
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Profile view of STA 727+00.00. The vertical axis shows elevation in feet (585 to 615), and the horizontal axis shows stationing (-90 to 90). The profile includes a centerline (solid line), right-of-way (dashed line), and left-of-way (dashed line). Key elevations and stationing points are labeled along the profile.

Station	Left-of-Way (ft)	Centerline (ft)	Right-of-Way (ft)
-80	595.87	595.87	595.87
-70	593.48	593.48	593.48
-60	593.48	593.48	593.48
-50	598.23	598.23	598.23
-40	598.42	598.42	598.42
-30	598.04	598.04	598.04
-20	598.28	598.28	598.28
-10	598.46	598.46	598.46
0	598.99	598.99	598.99
10	598.46	598.46	598.46
20	598.28	598.28	598.28
30	598.04	598.04	598.04
40	598.42	598.42	598.42
50	598.17	598.17	598.17
60	593.82	593.82	593.82
70	593.82	593.82	593.82
80	595.87	595.87	595.87

Grades: -5.0%, -1.5%, -2.0%, -1.5%, -2.0%, -1.5%, -5.0%.

Summary Table:

Item	Value
Cut Area	61.1 SF
Fill Area	185.0 SF
Cut Vol.	106.0 CY
Fill Vol.	373.1 CY
Cut Adj. Vol.	106.0 CY
Fill Adj. Vol.	373.1 CY

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

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

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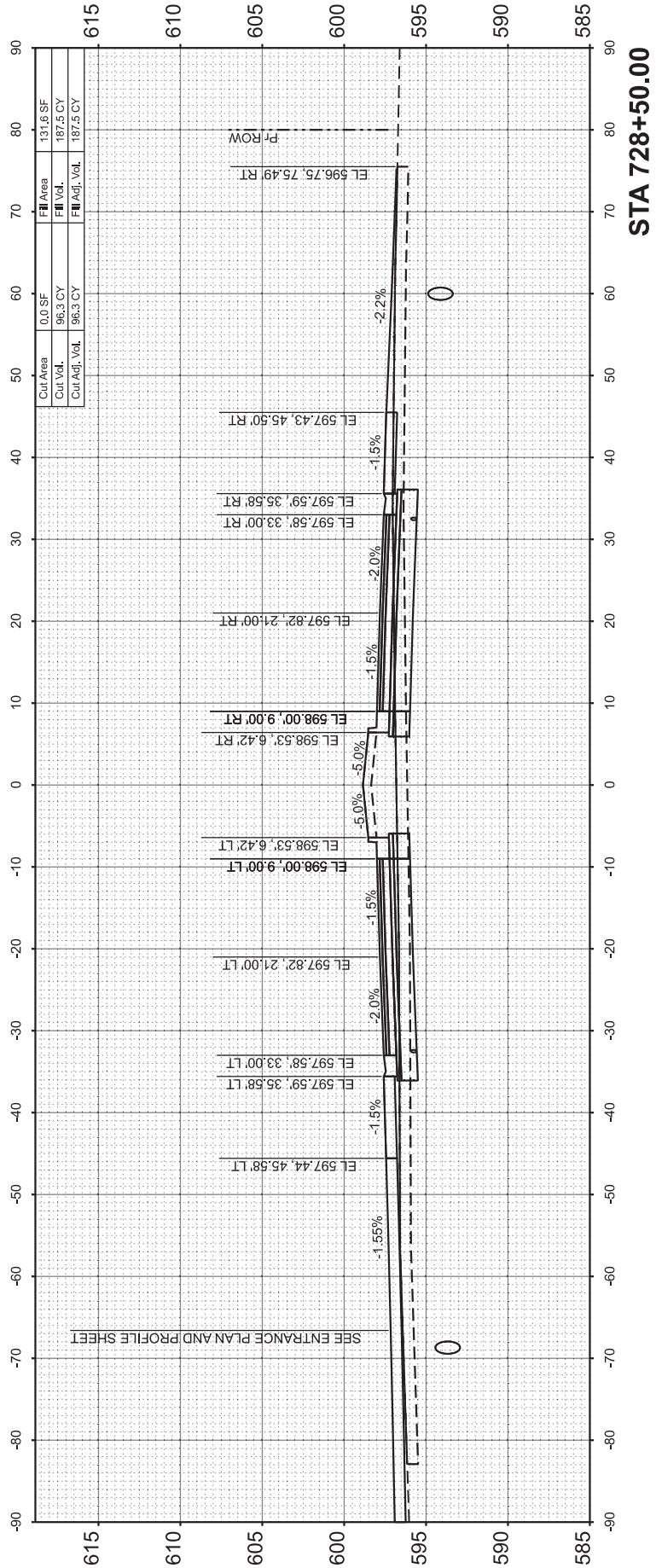
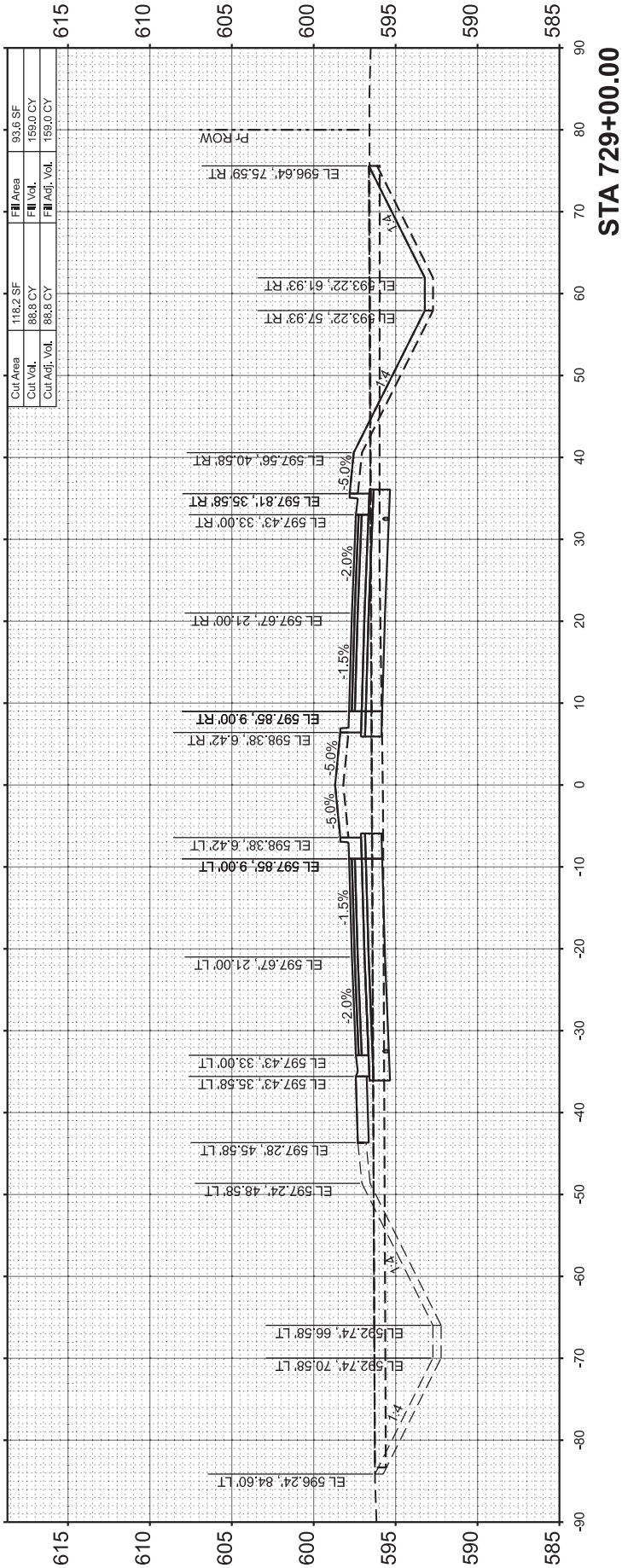
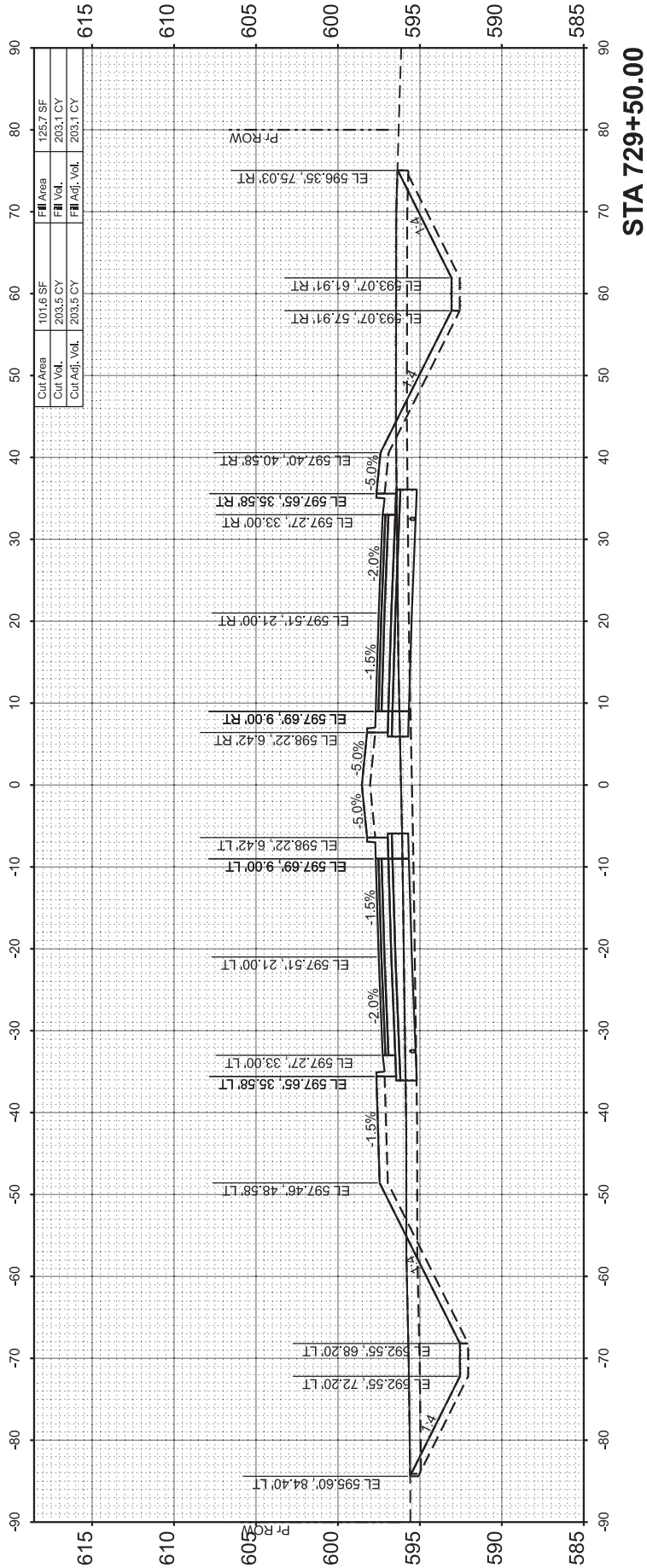
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PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD	
CROSS SECTIONS	
SCALE: 1"=10'	SHEET 11 OF 38 SHEETS
STA. 728+50.00	TO STA. 729+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	67
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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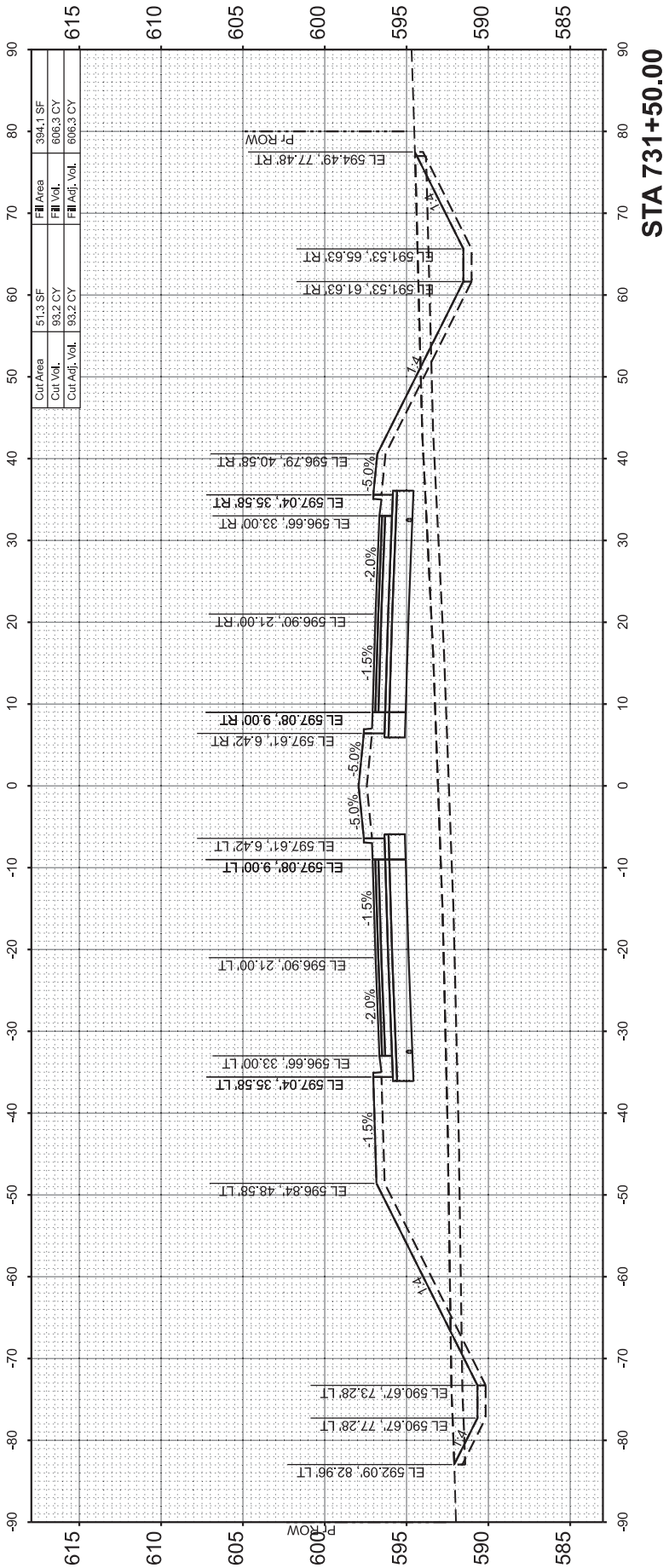
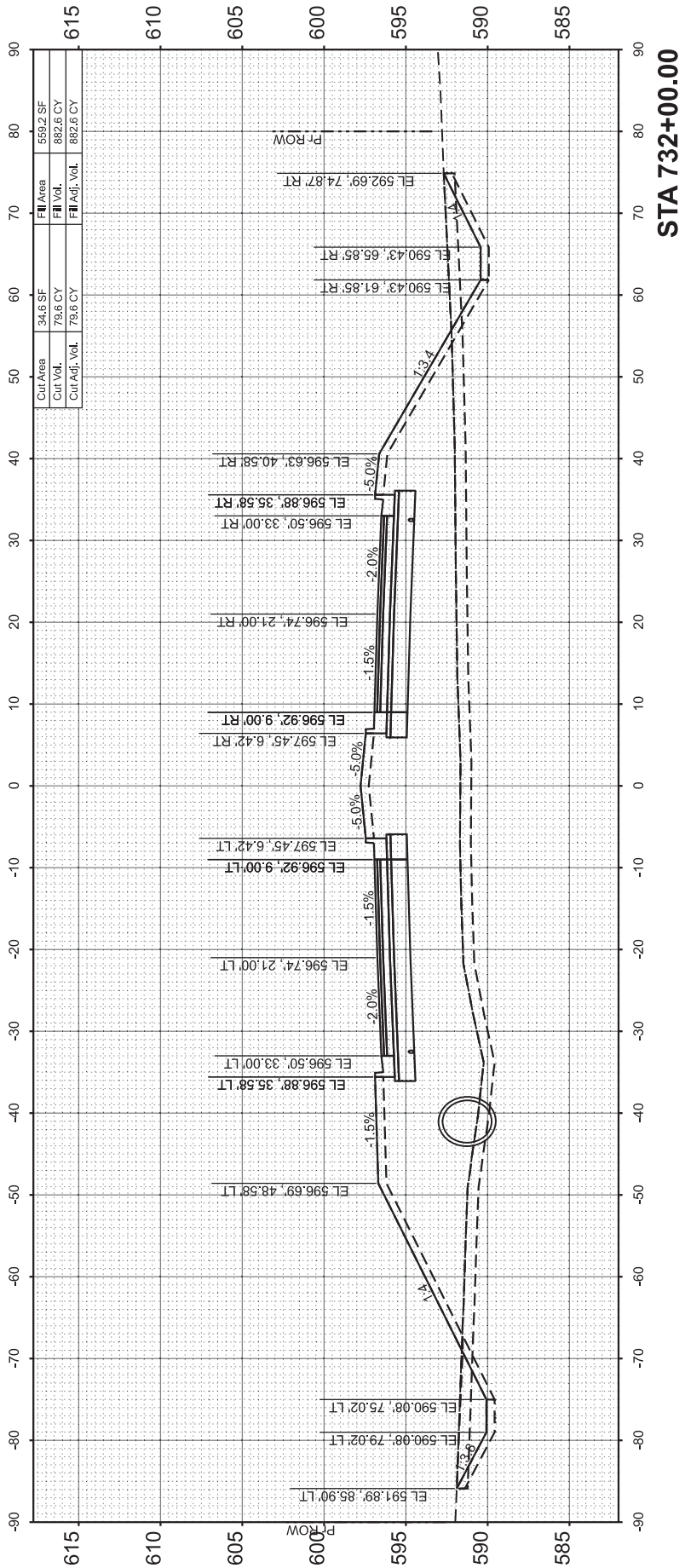
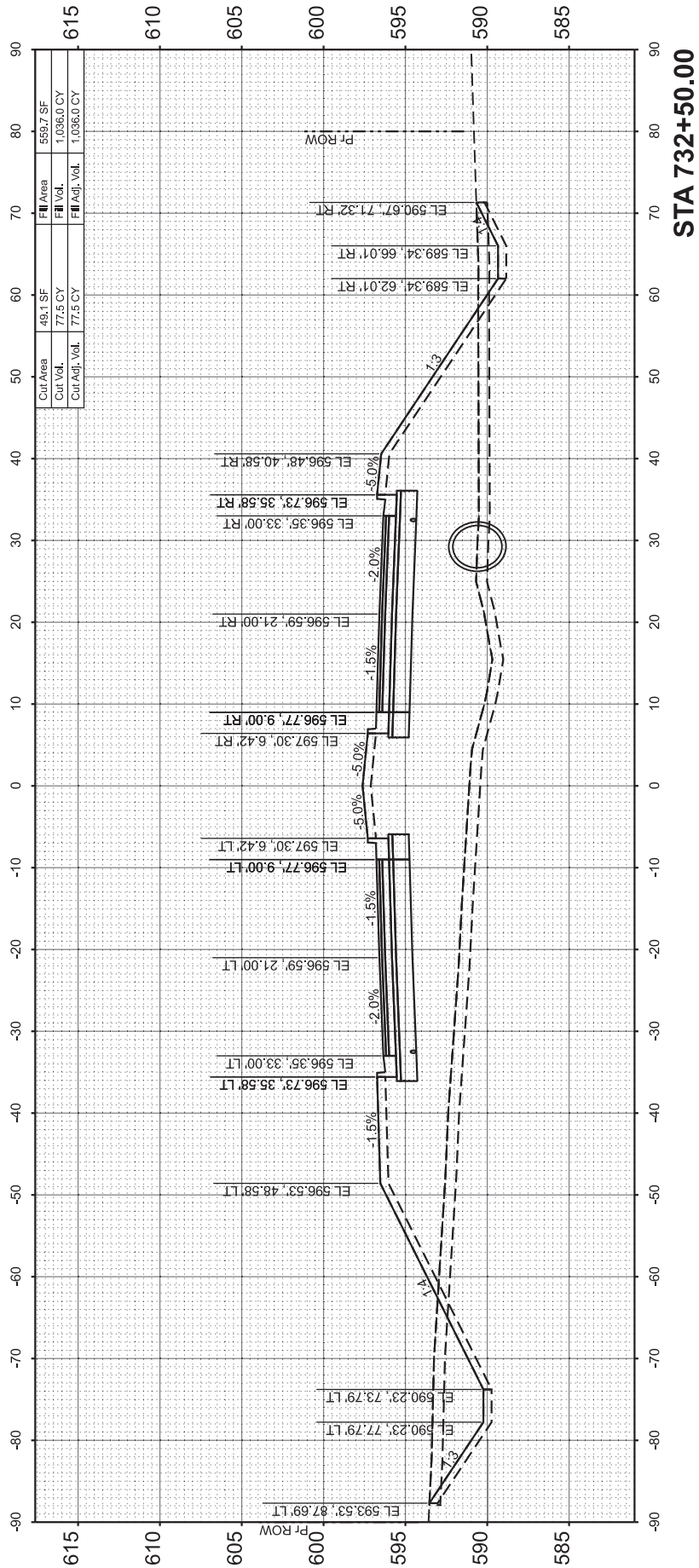
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PLOT DATE = 2/25/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MACARTUR BOULEVARD

CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	69
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



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

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

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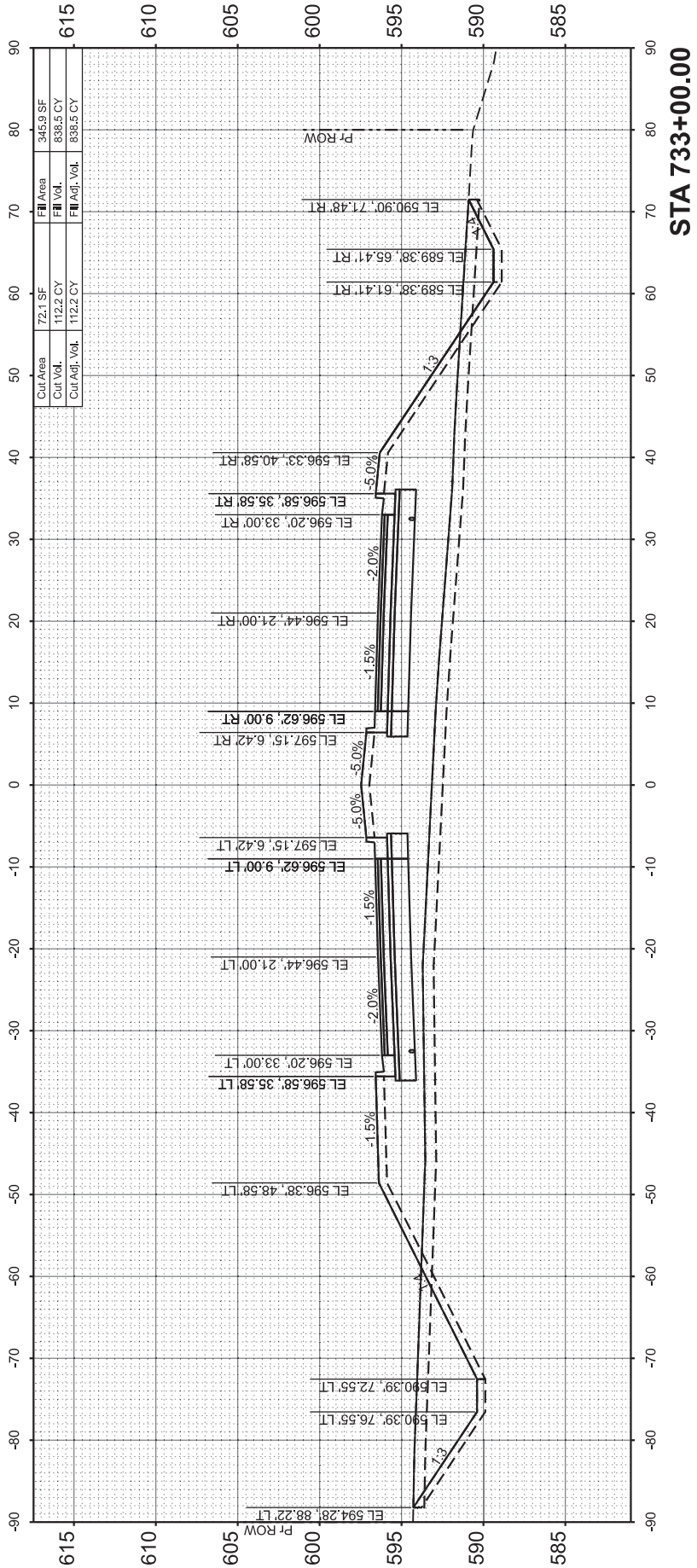
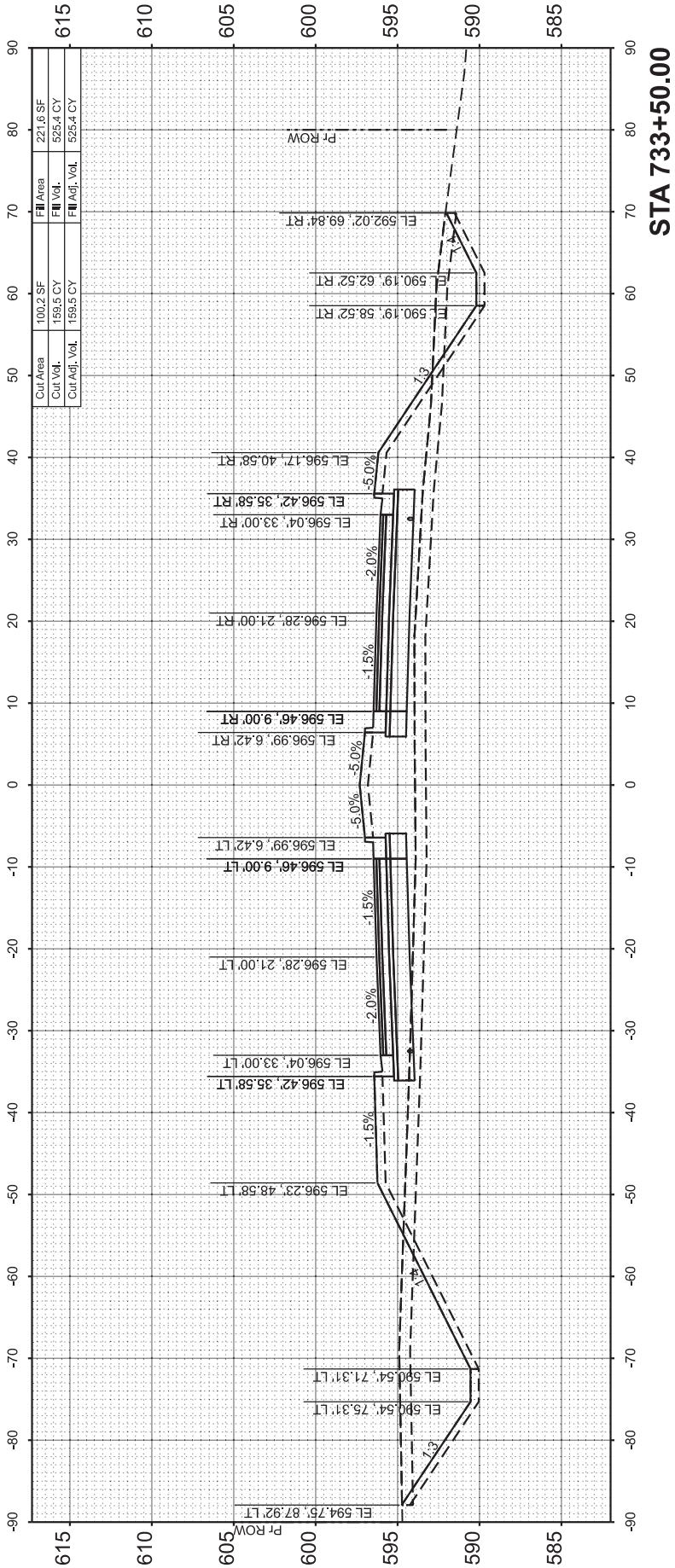
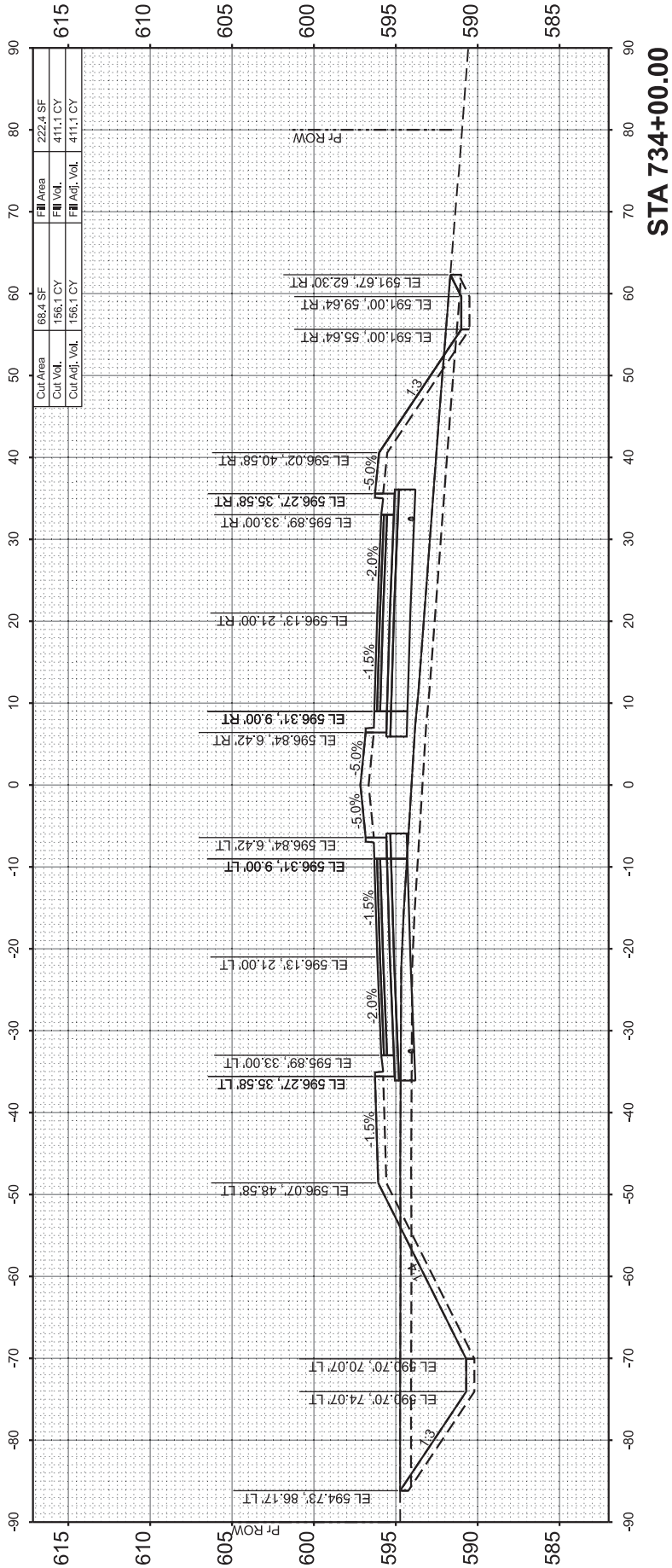
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PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 14	OF 38 SHEETS	STA. 733+00.00 TO STA. 734+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	70
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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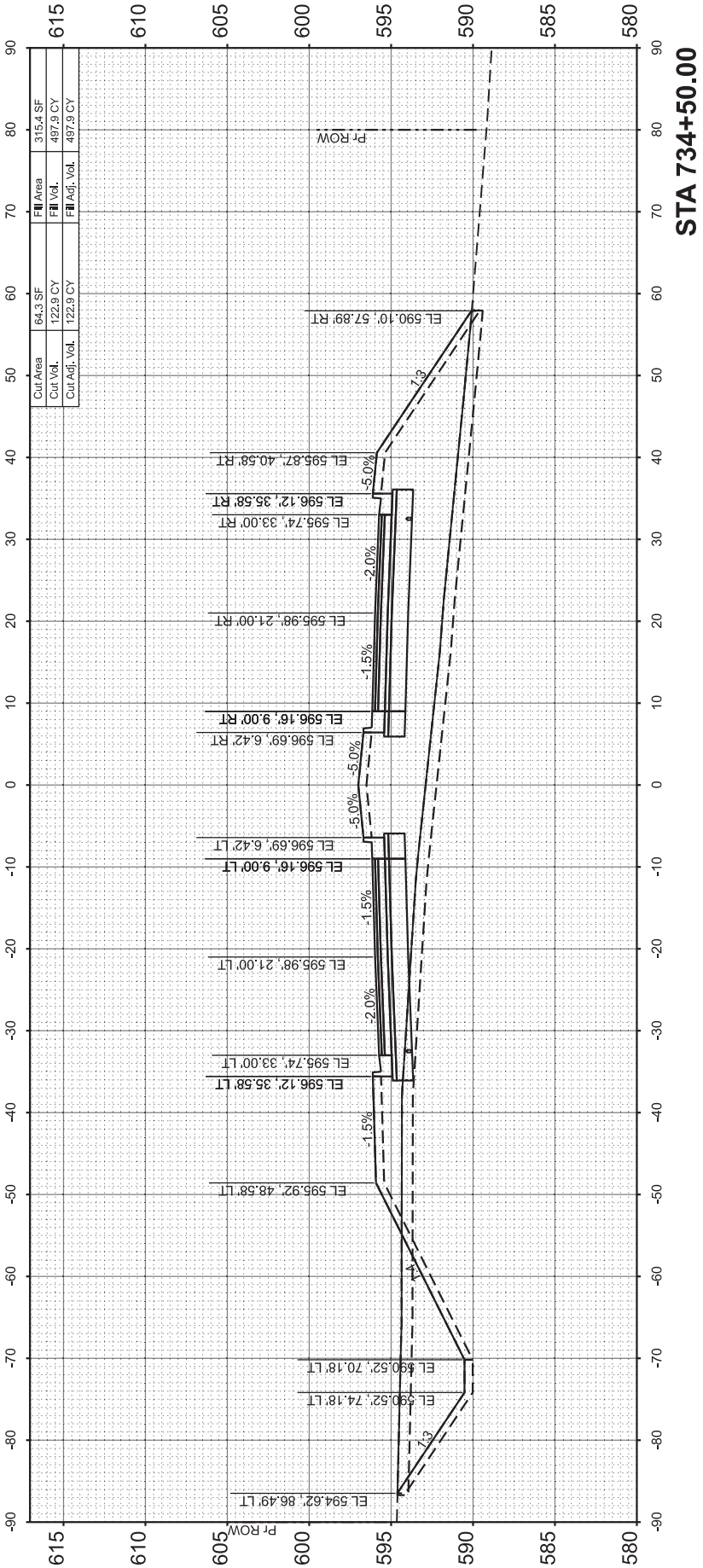
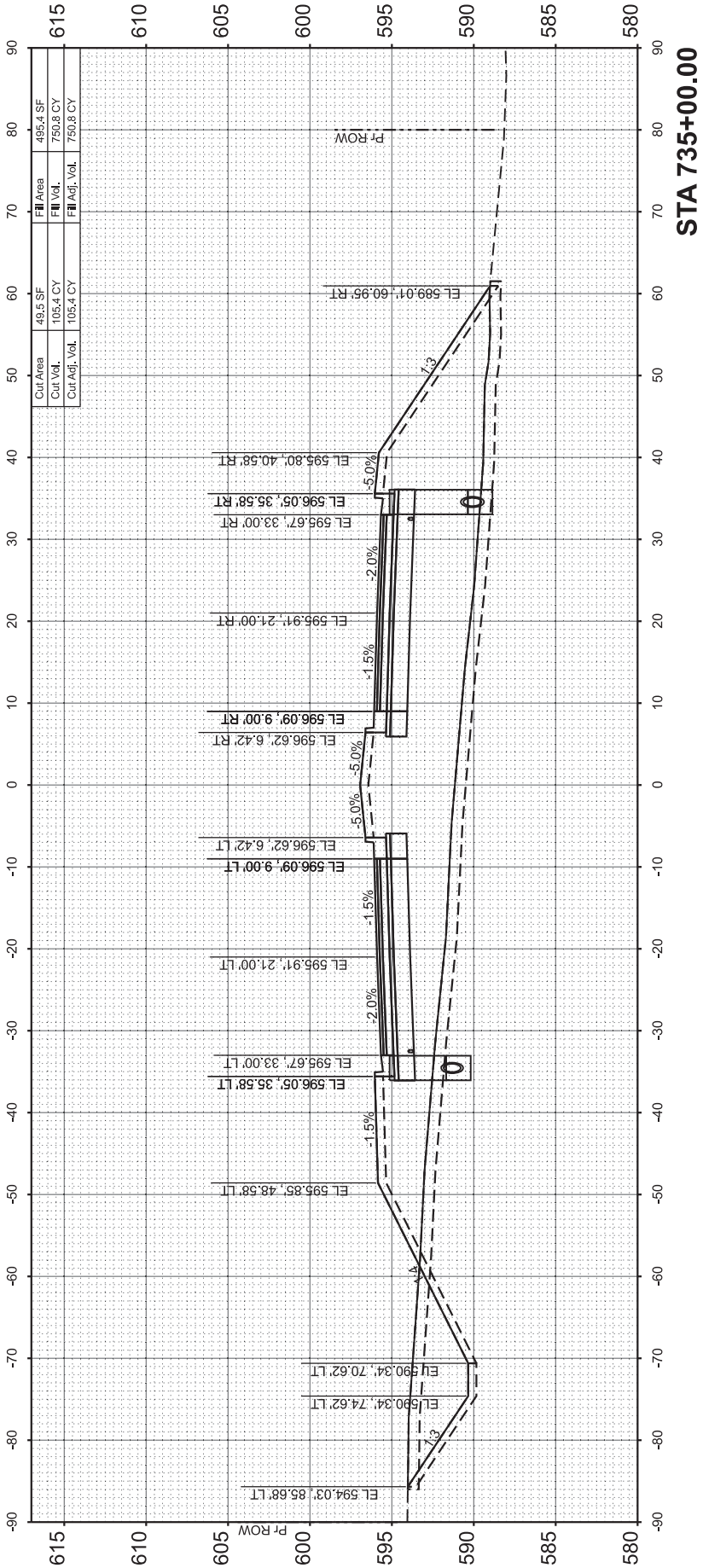
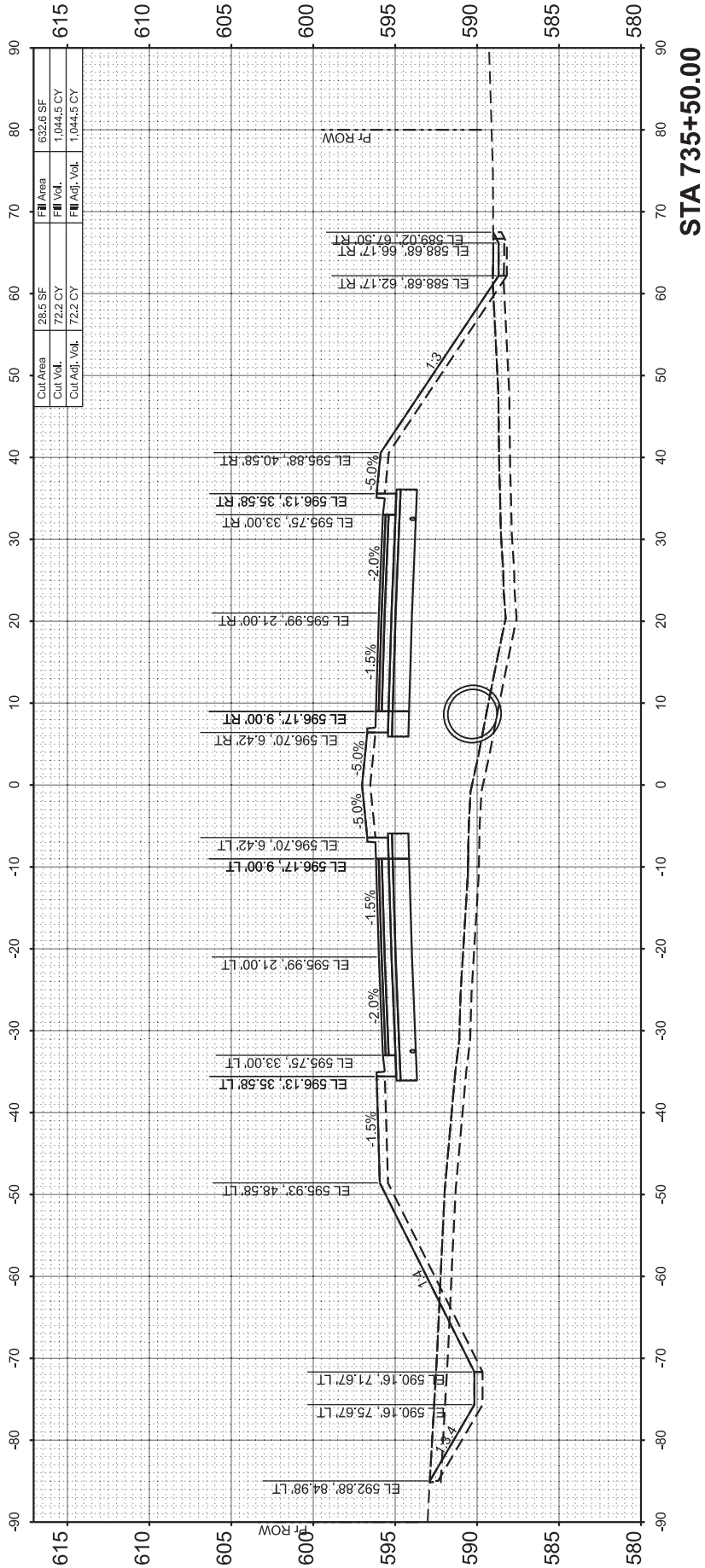
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10' SHEET 15 OF 38 SHEETS STA. 734+50.00 TO STA. 735+50.00

MACARTUR BOULEVARD
CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	71
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



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

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

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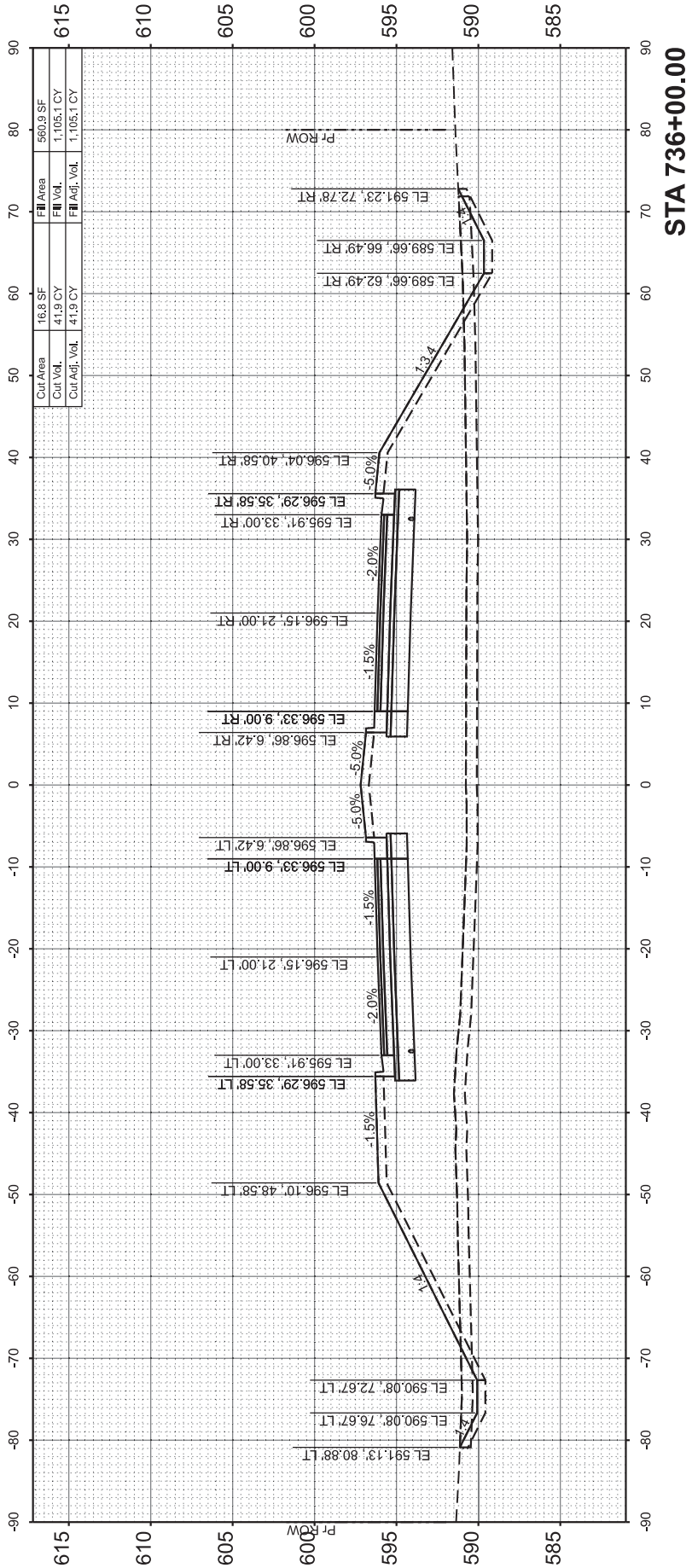
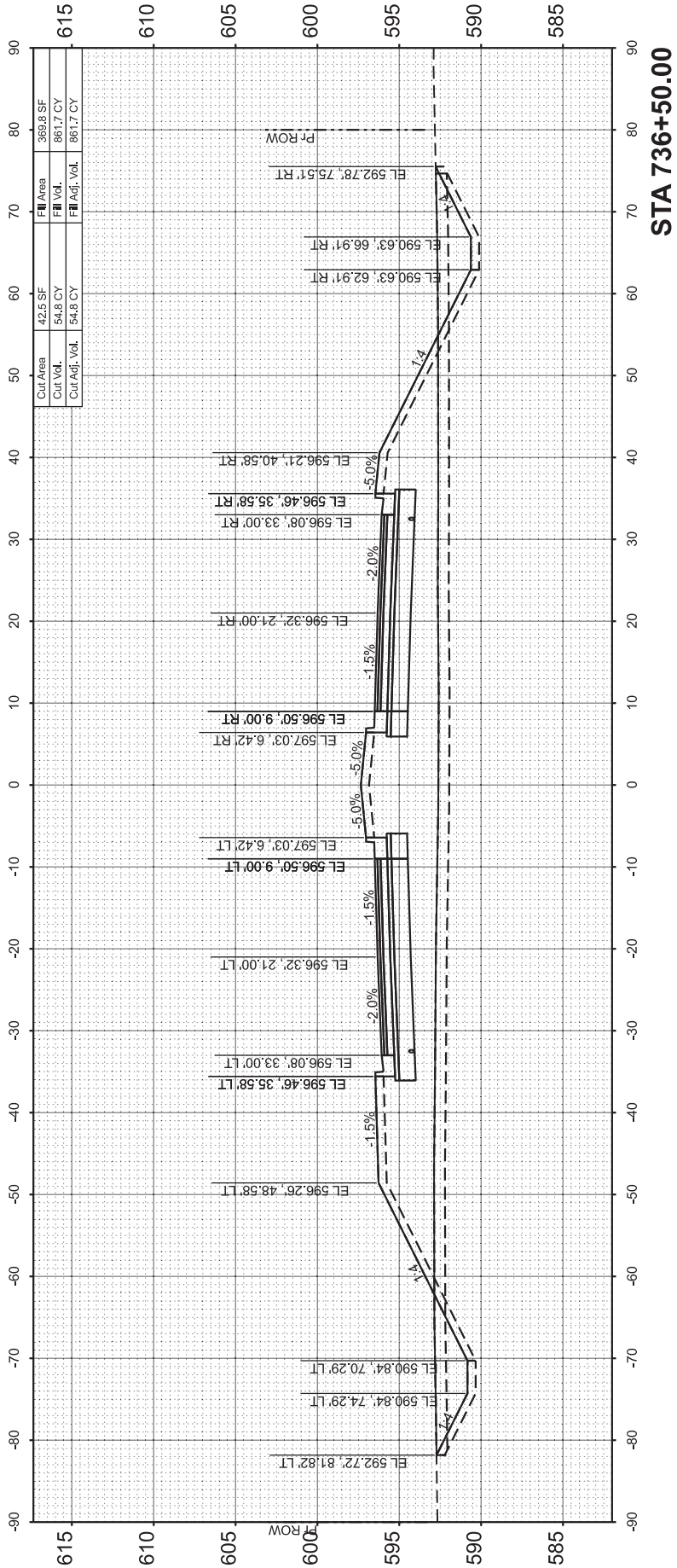
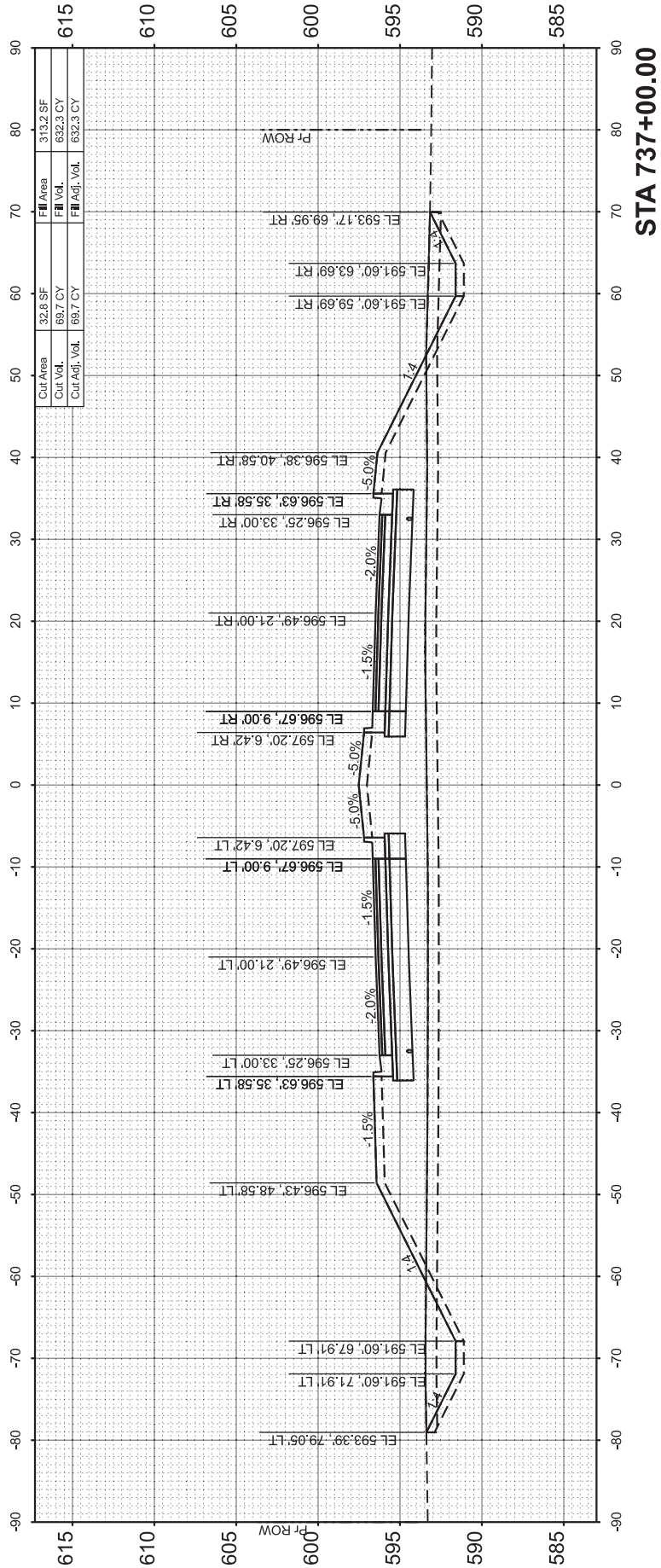
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 16	OF 38 SHEETS	STA. 736+00.00 TO STA. 737+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	72
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

ILLINOIS | FED. AID PROJECT

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD

CROSS SECTIONS

SCALE: 1"=10'

SHEET 18

OF

38 SHEETS

STA. 739+00.00

TO STA. 740+00.00

ILLINOIS | FED. AID PROJECT

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

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

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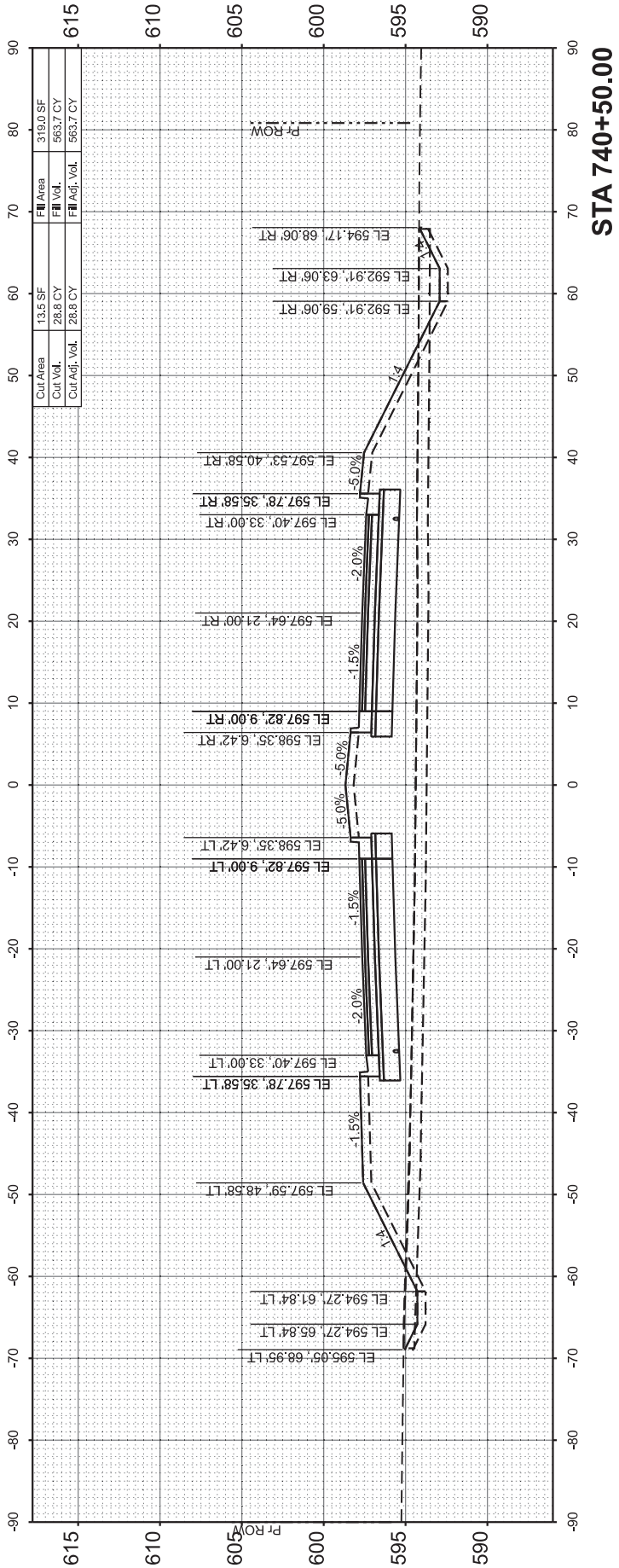
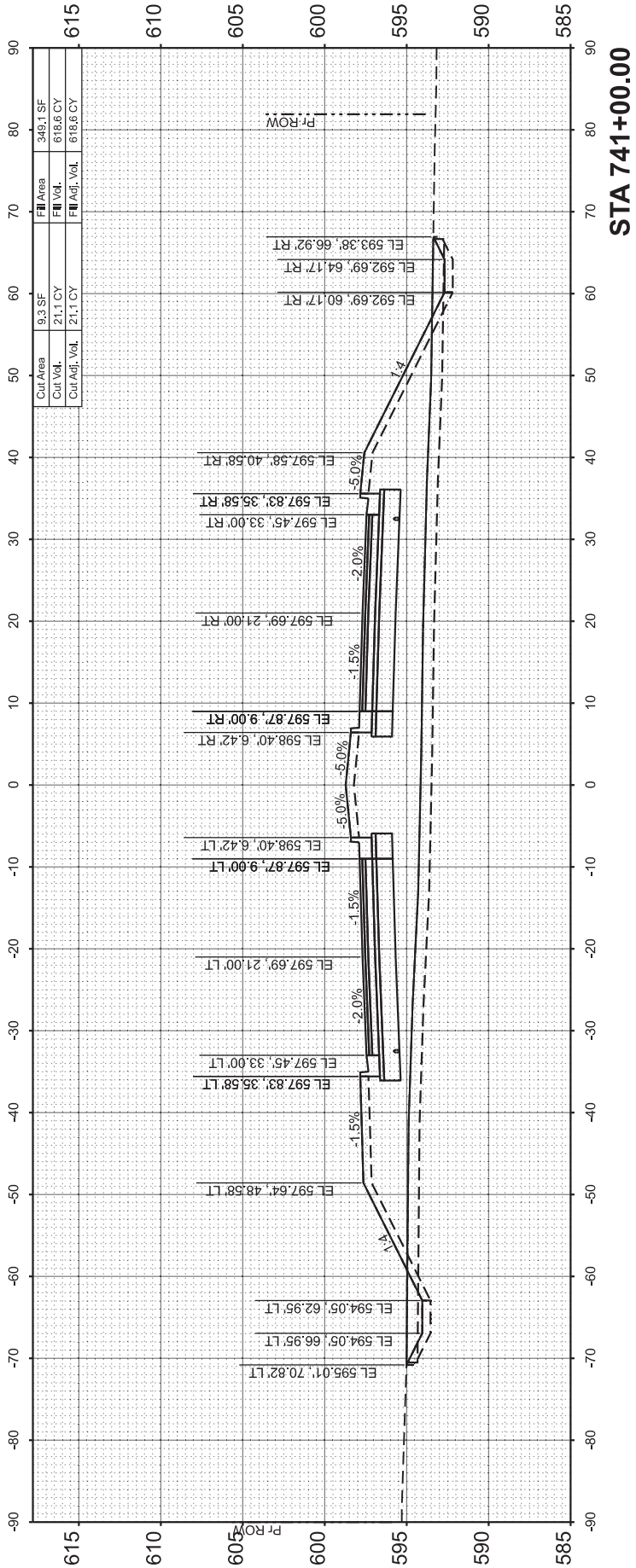
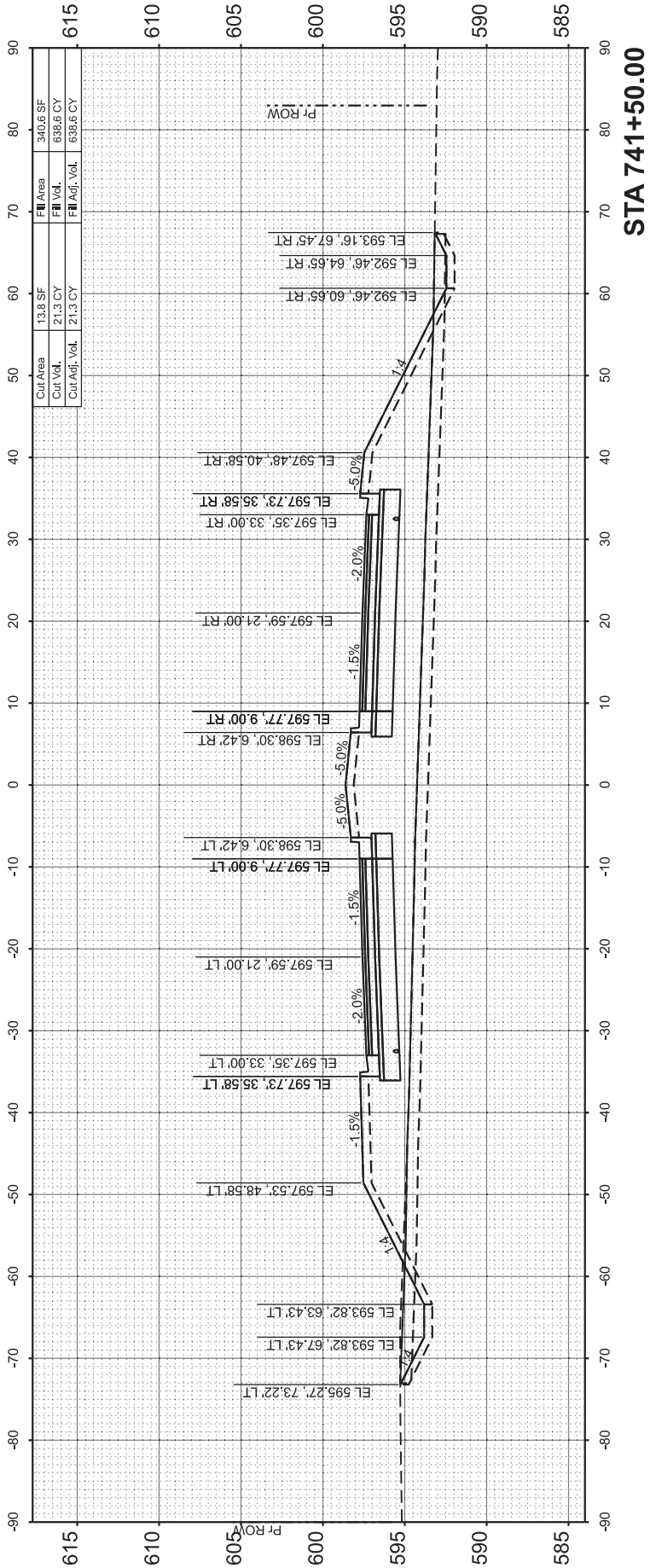
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 19	OF 38 SHEETS	STA. 740+50.00 TO STA. 741+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	75
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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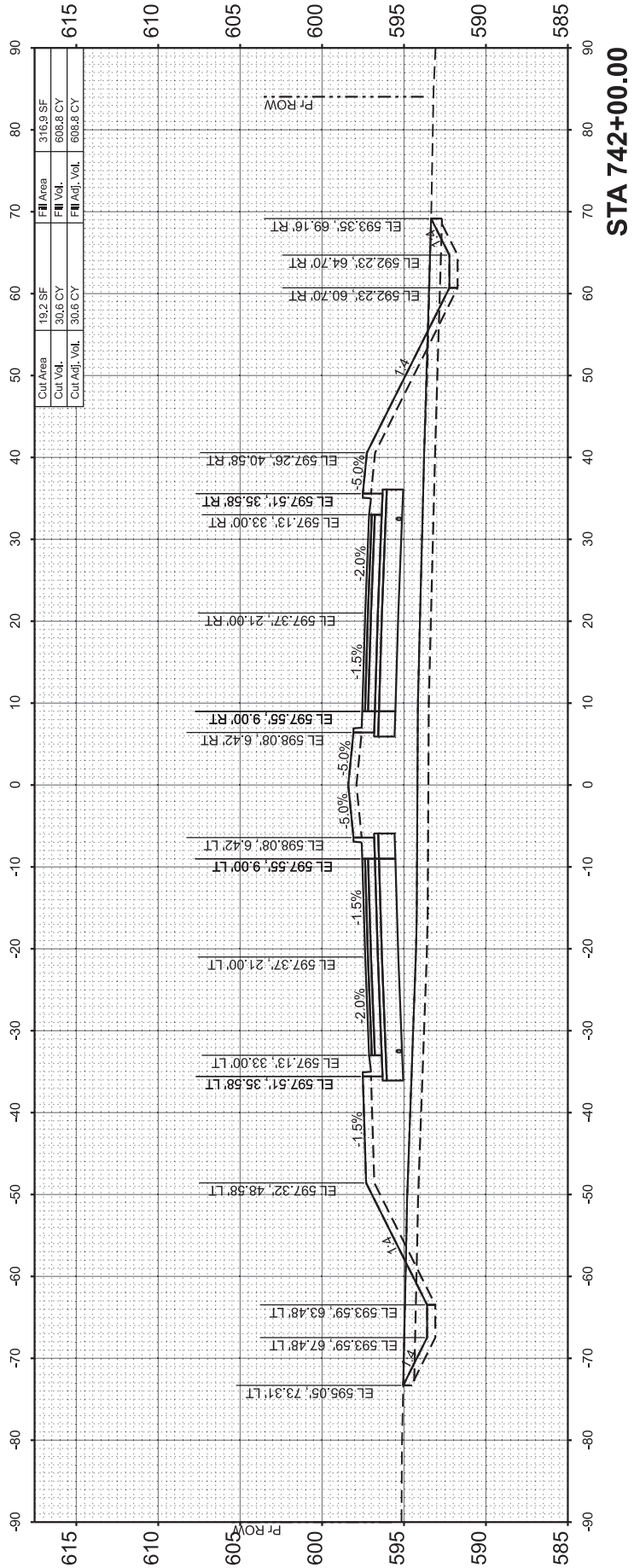
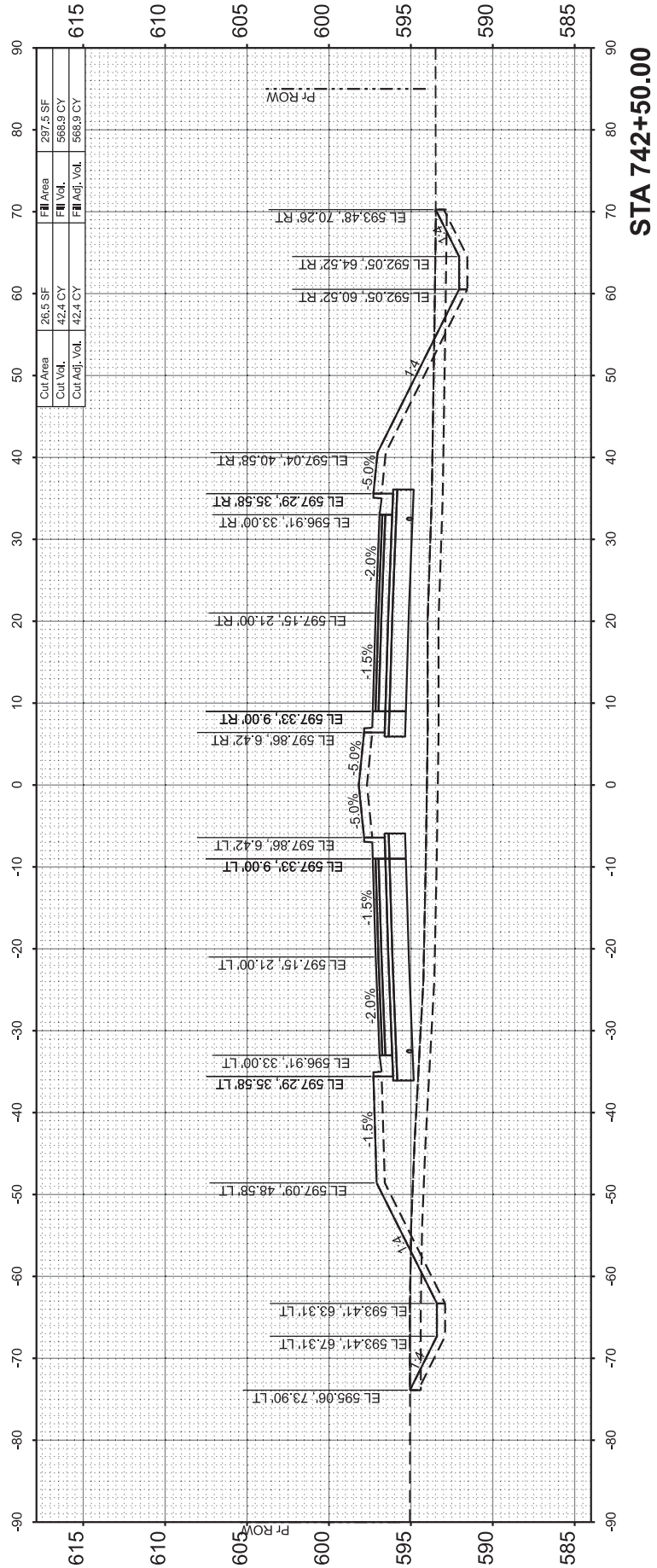
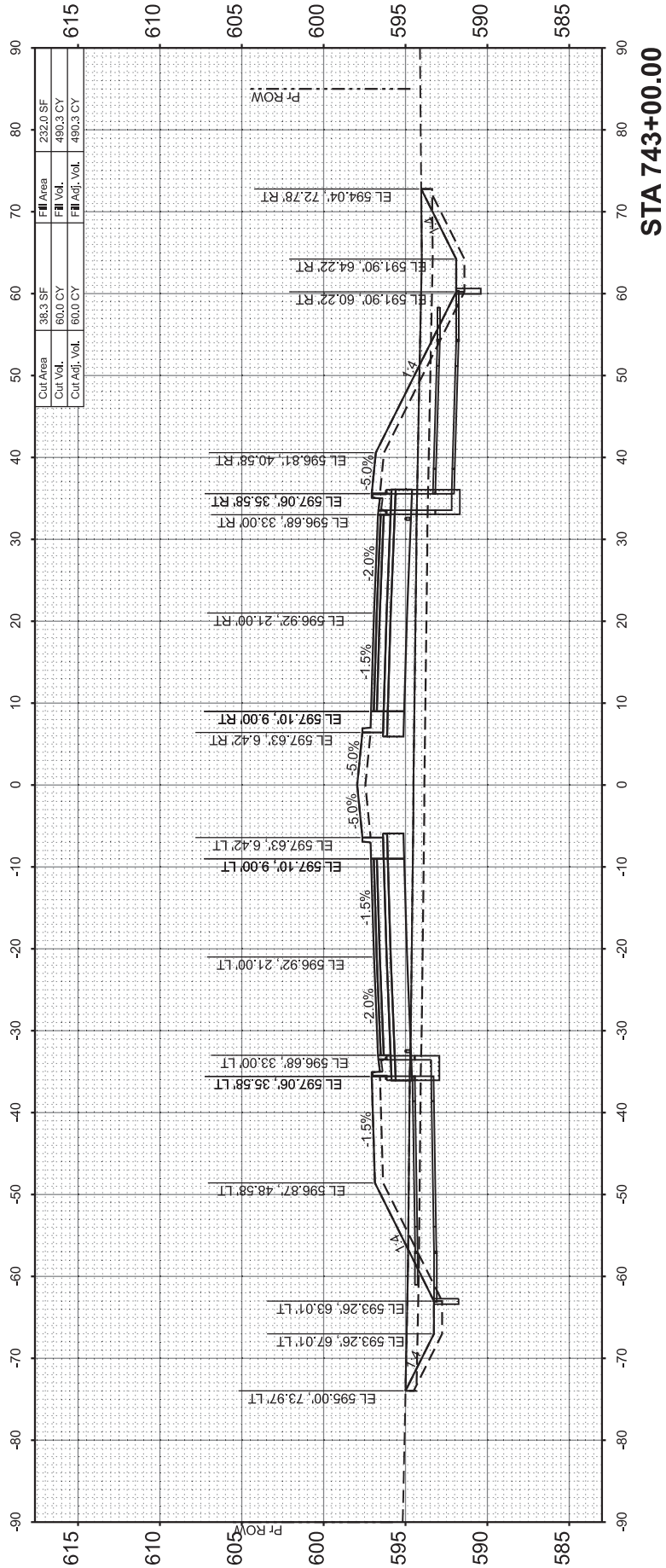
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PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 20	OF 38 SHEETS	STA. 742+00.00 TO STA. 743+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	76
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



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

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

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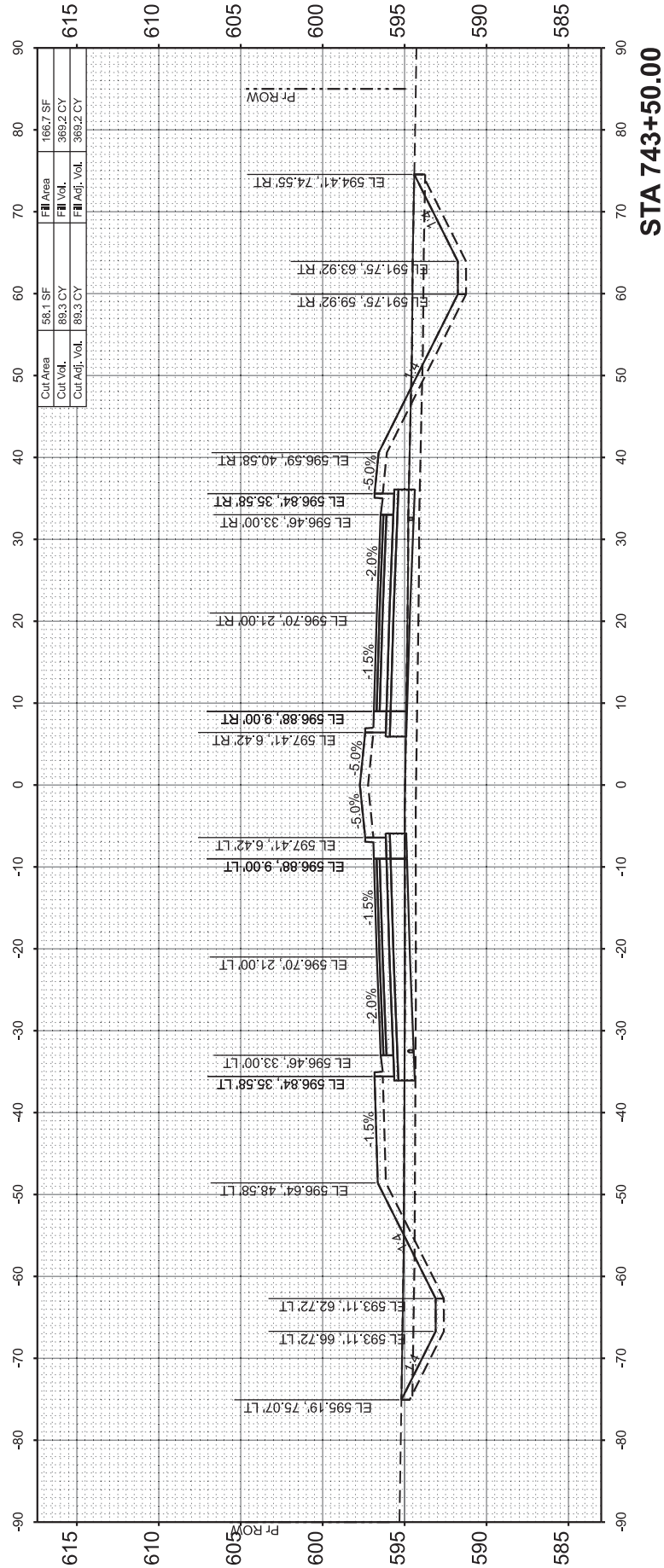
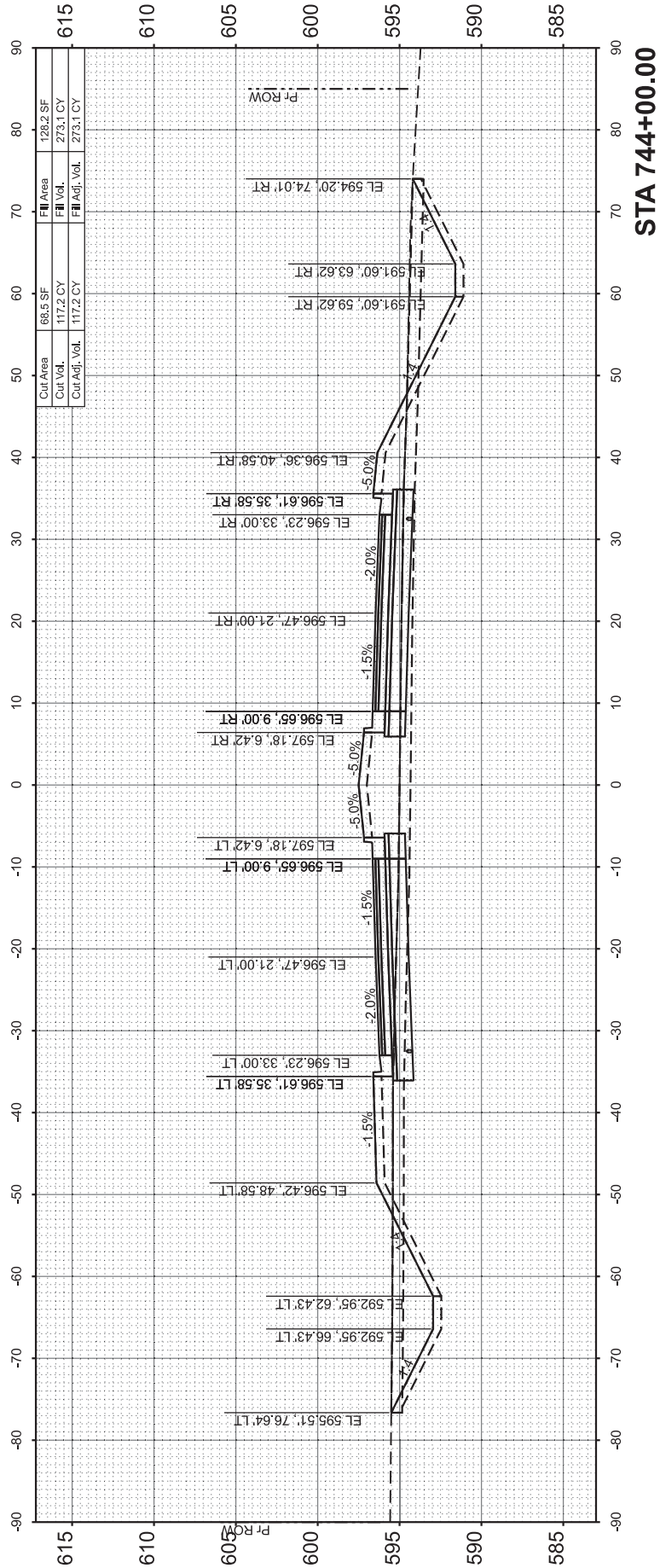
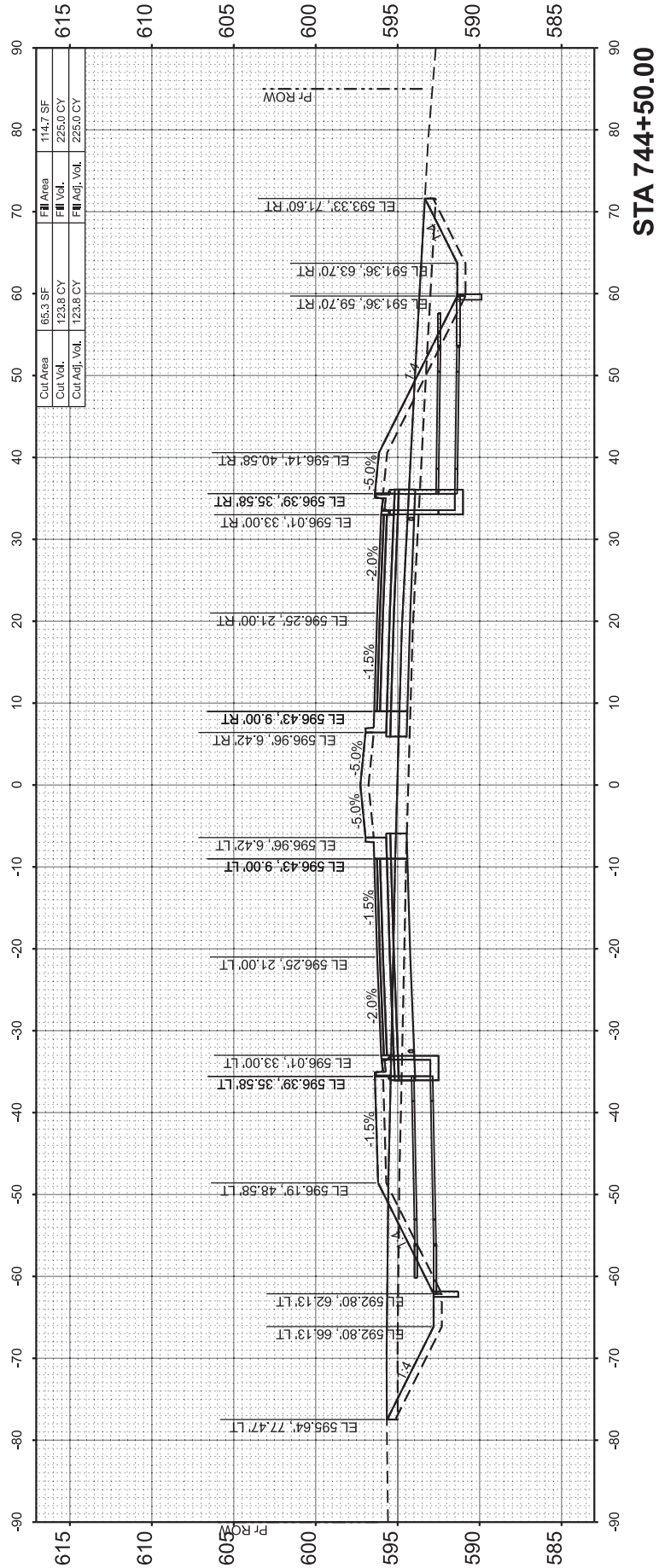
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD	
CROSS SECTIONS	
SCALE: 1"=10'	SHEET 21 OF 38 SHEETS
STA. 743+50.00	TO STA. 744+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	77
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	SURVEYED PLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED PLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

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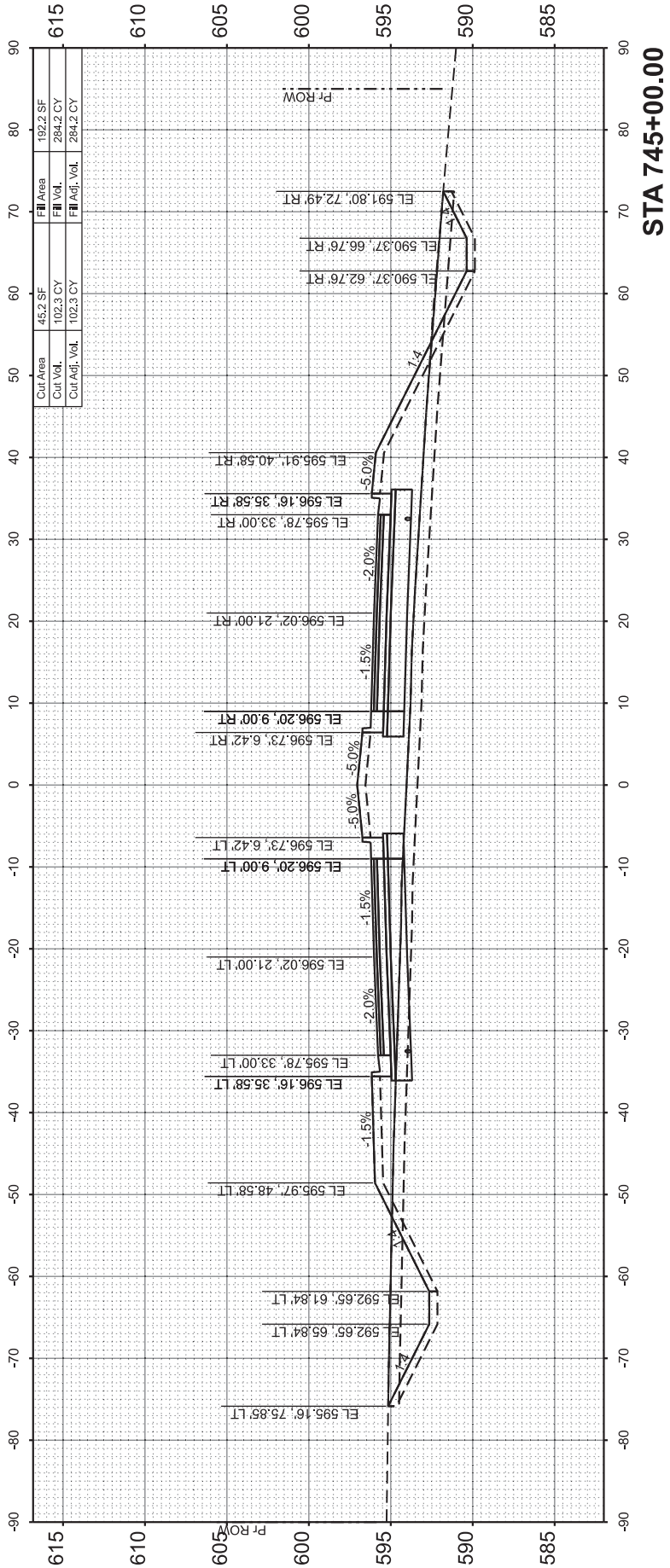
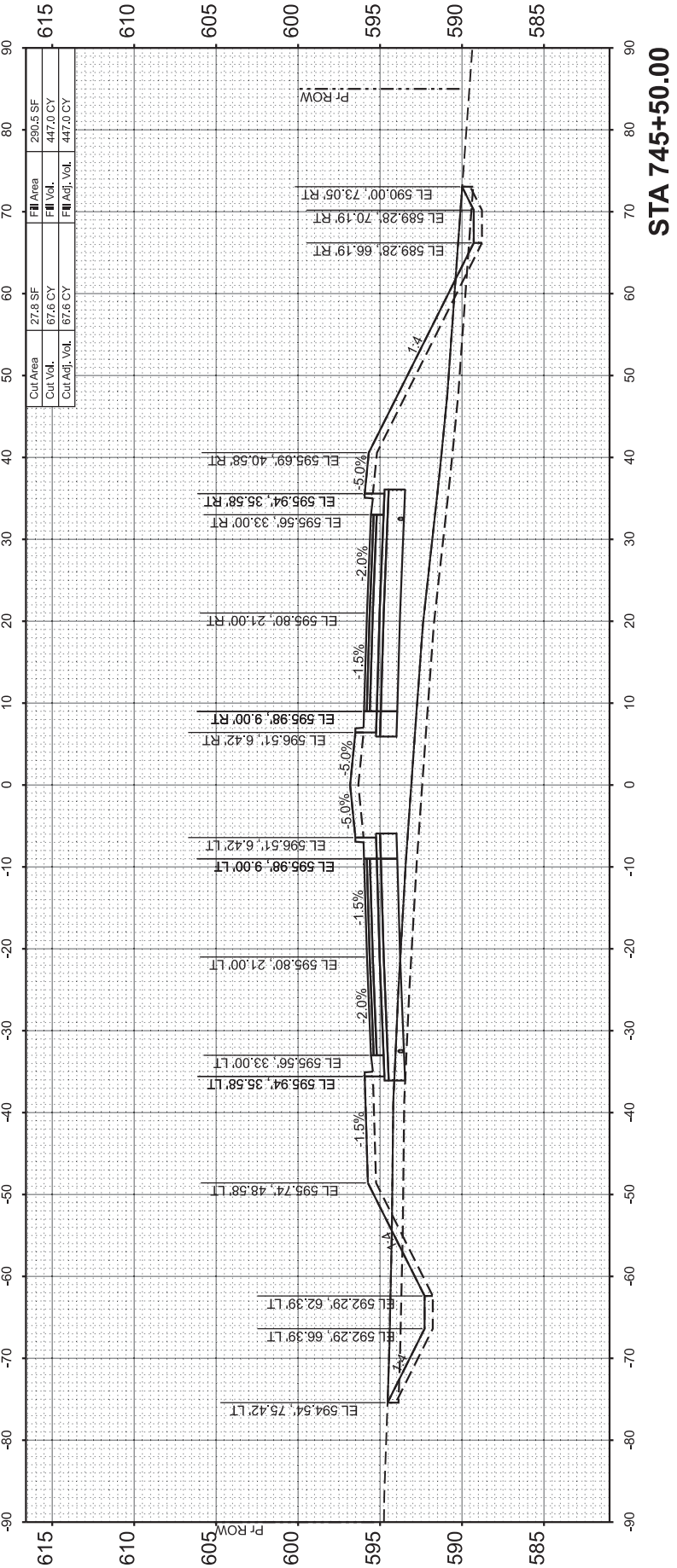
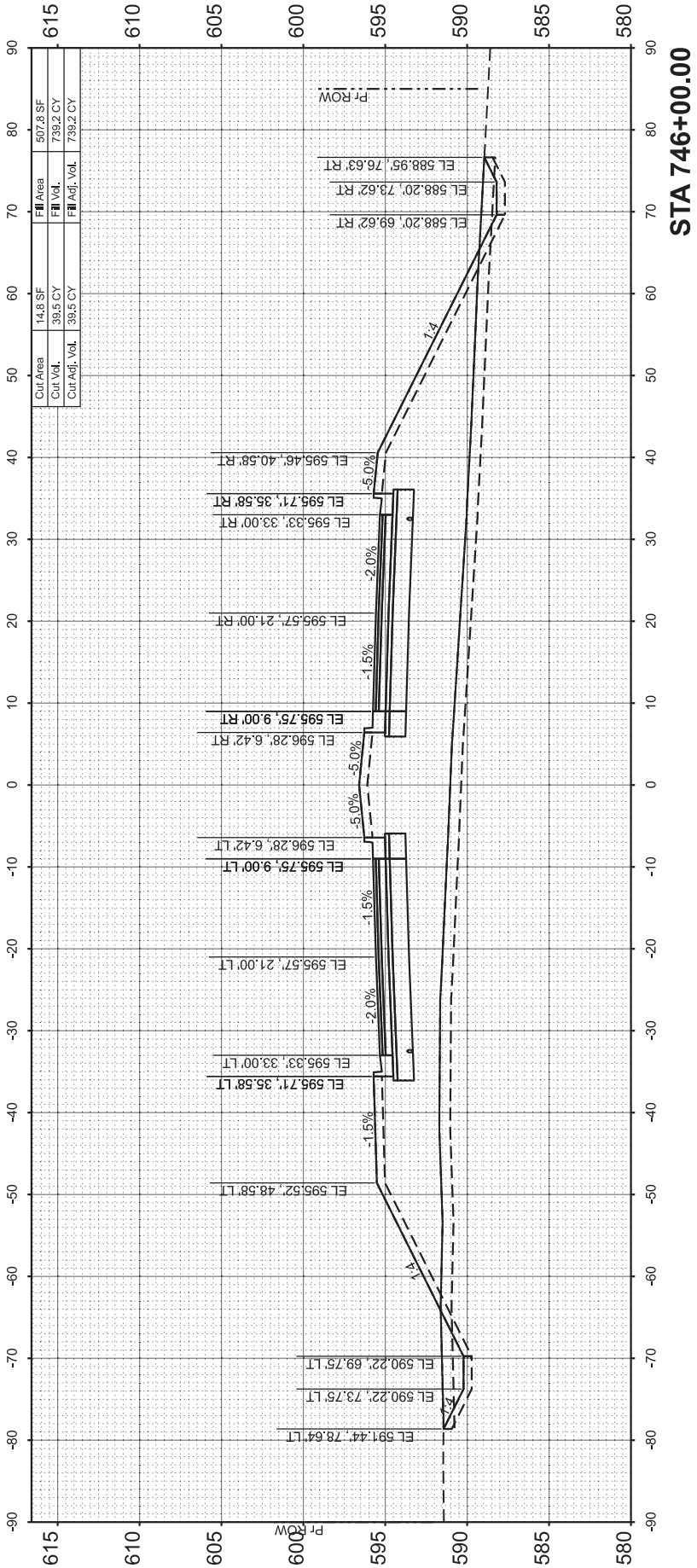
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PLOT DATE = 2/25/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CROSS SECTIONS	8071	05-00164-03-FP	SANGAMON	97	78
SCALE: 1"=10'	SHEET 22	OF 38 SHEETS	STA. 745+00.00	TO STA. 746+00.00	CONTRACT NO. 93833

ILLINOIS	FED. AID PROJECT
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FINAL SURVEY	SURVEYED PLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED PLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

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	DRAWN -	REVISED -
PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD

CROSS SECTIONS

SCALE: 1"=10'

SHEET 23

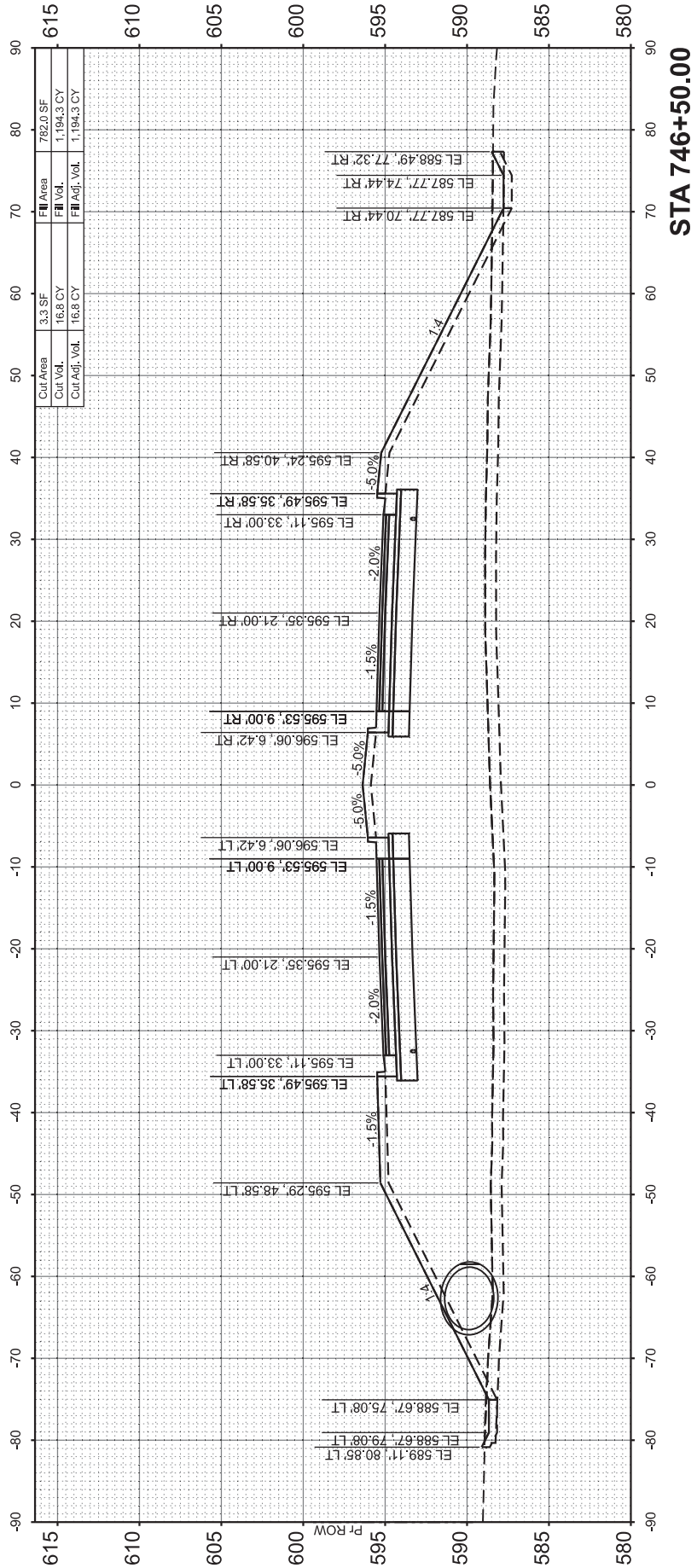
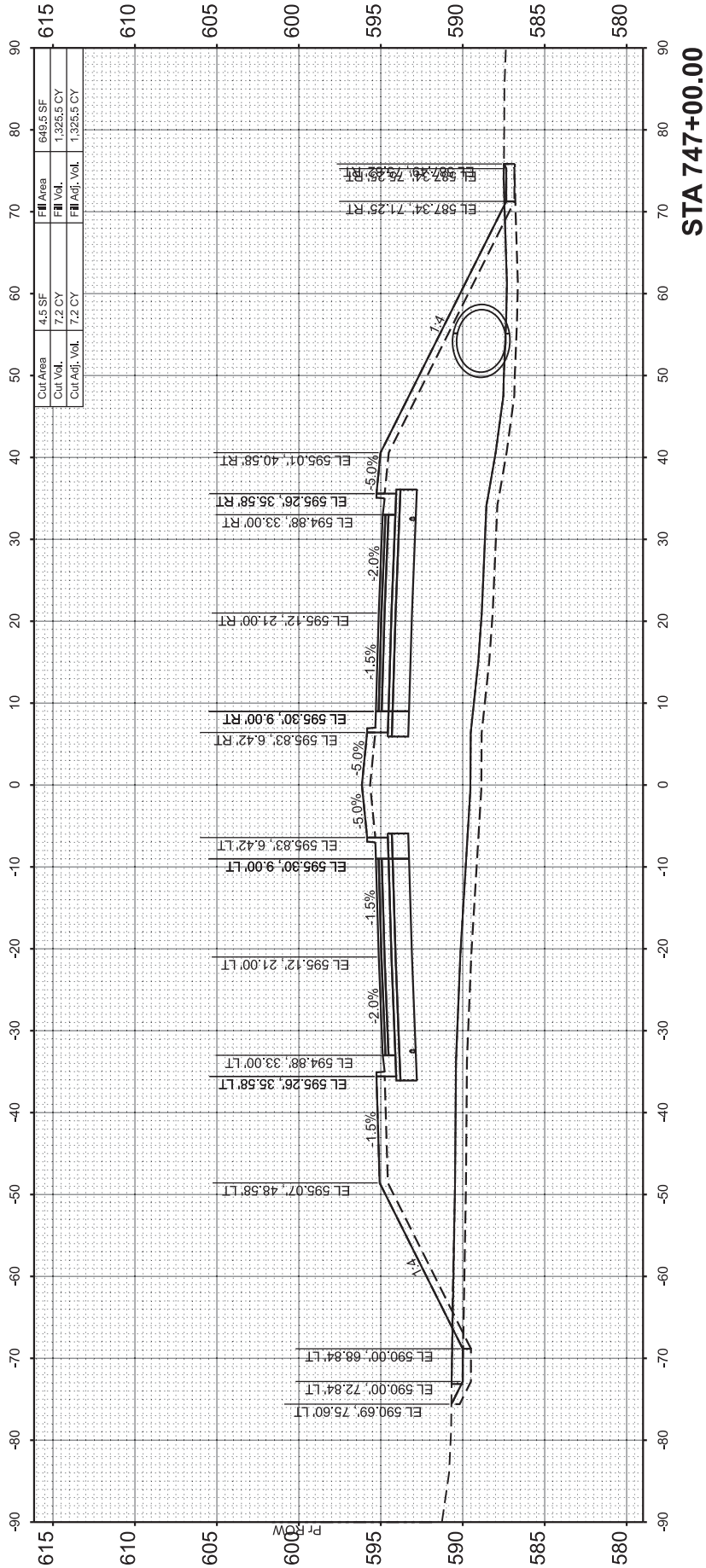
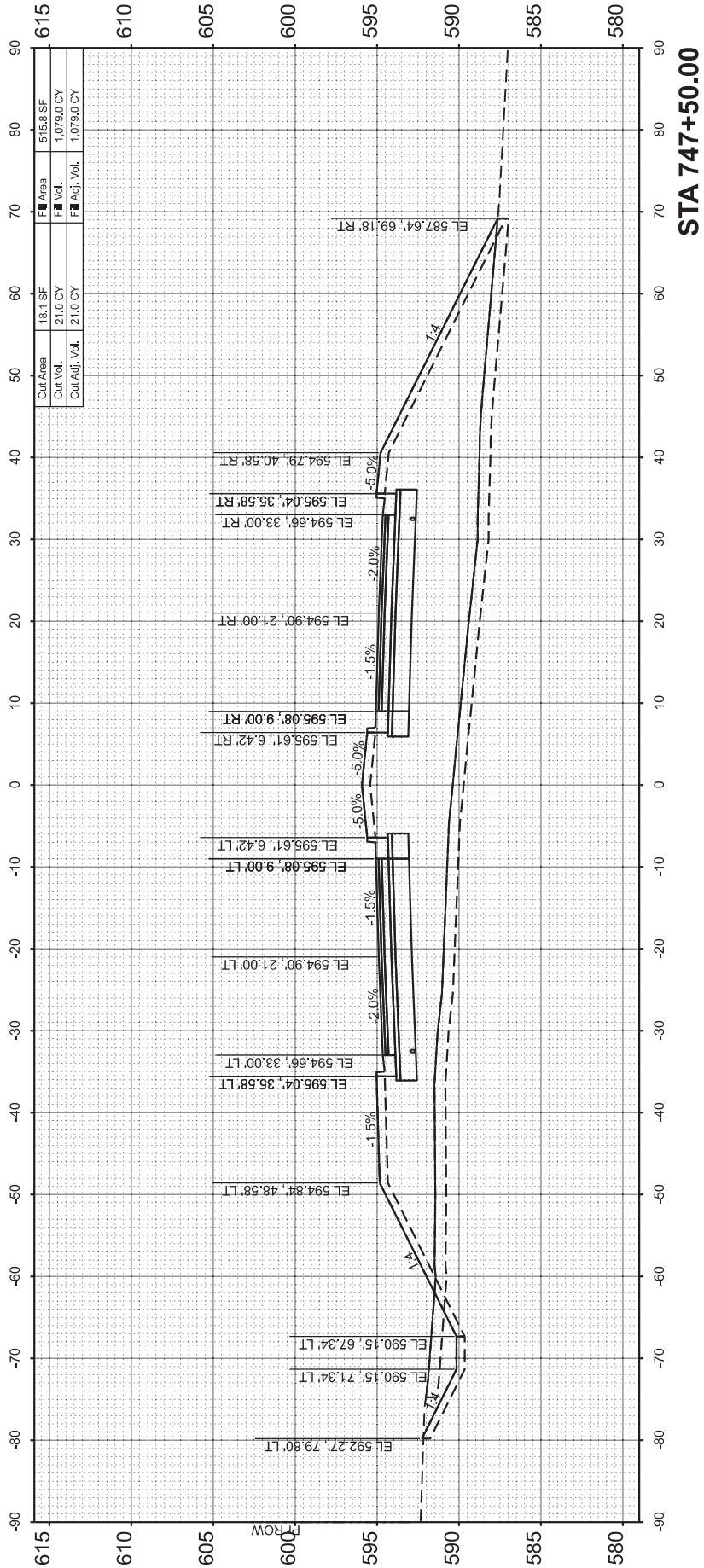
OF 38

SHEETS

STA. 746+50.00

TO STA. 747+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	79
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	SURVEYED PLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED PLOTTED TEMPLATE	BY	DATE
NO.	AREAS CHECKED		

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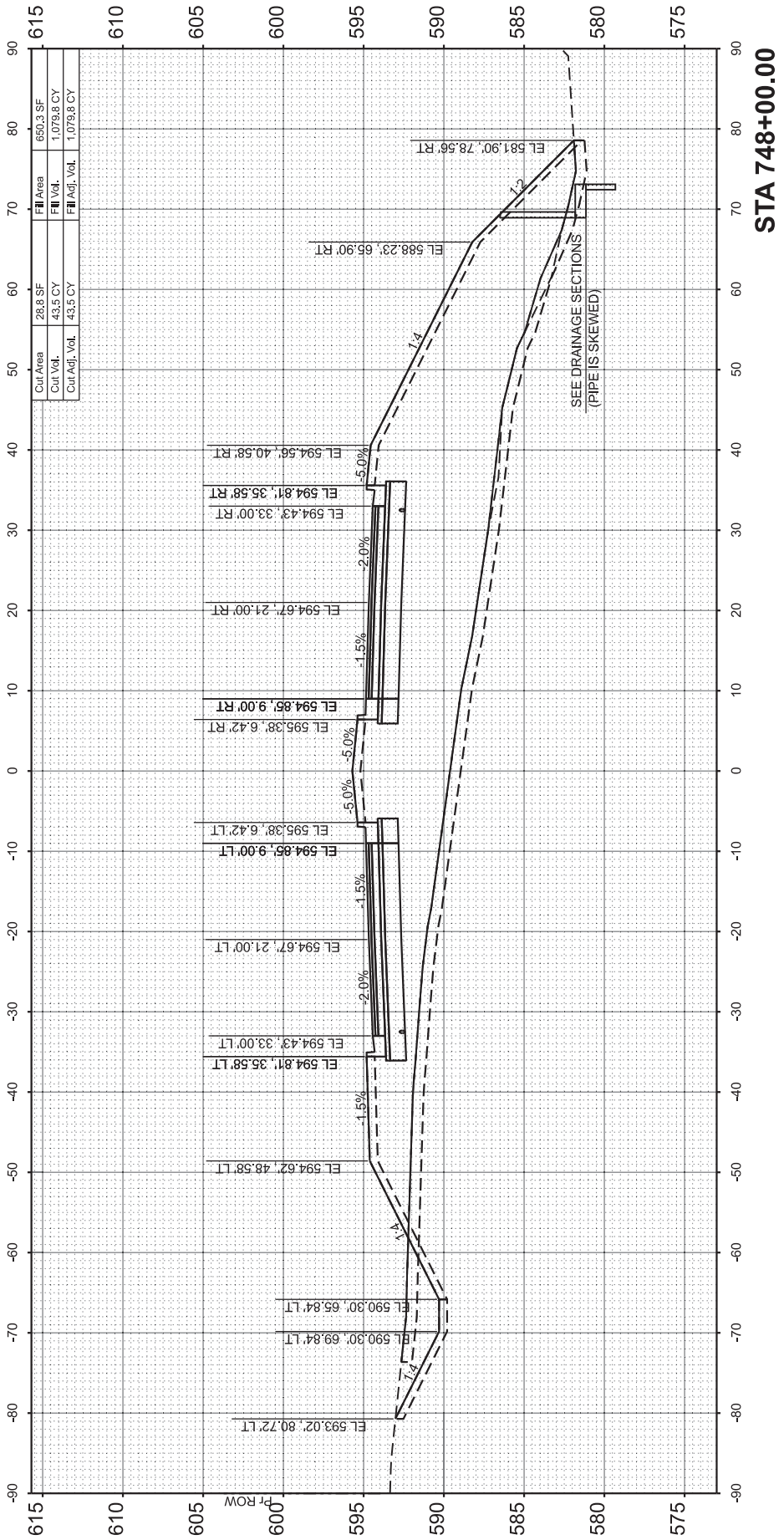
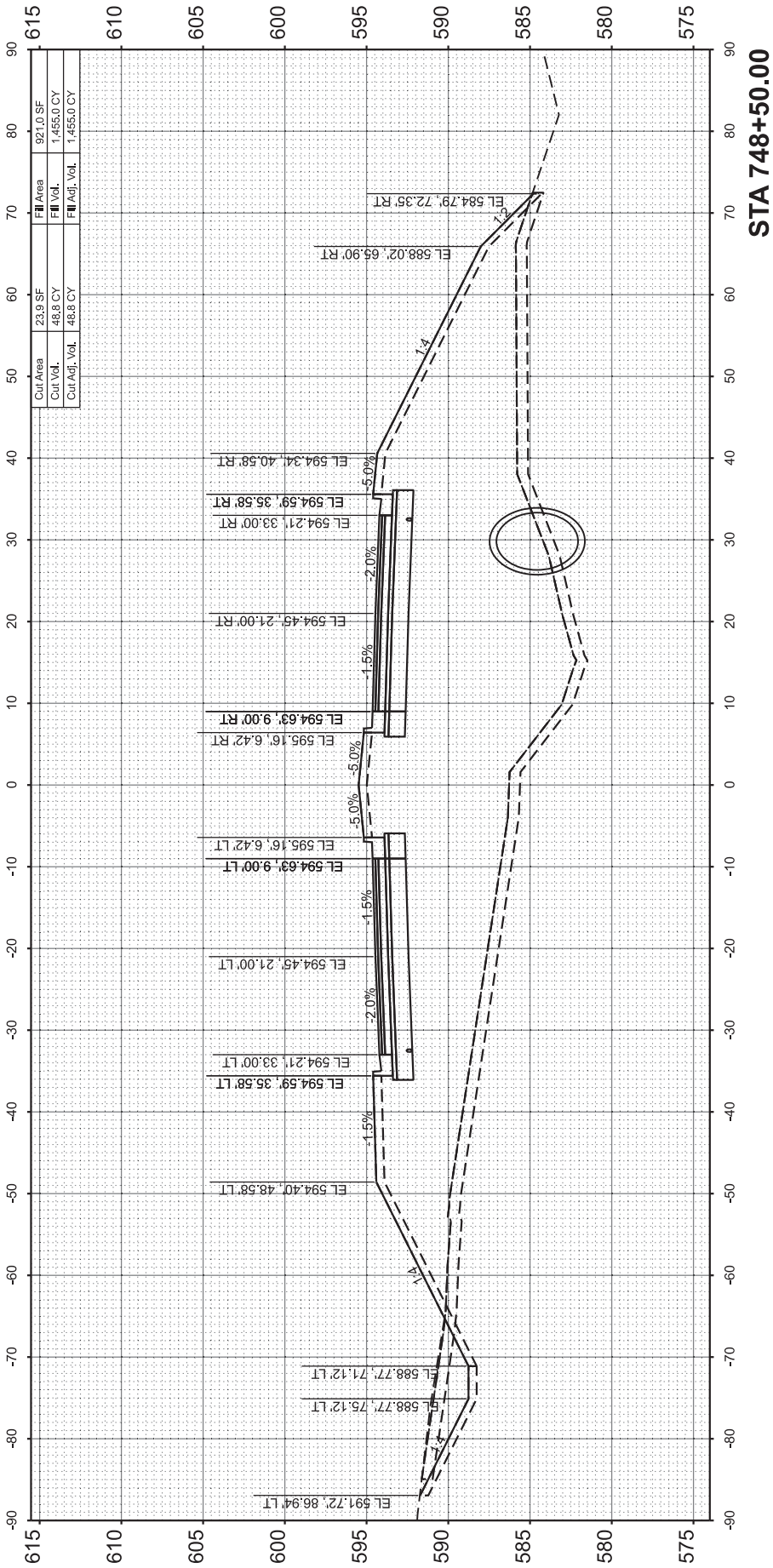
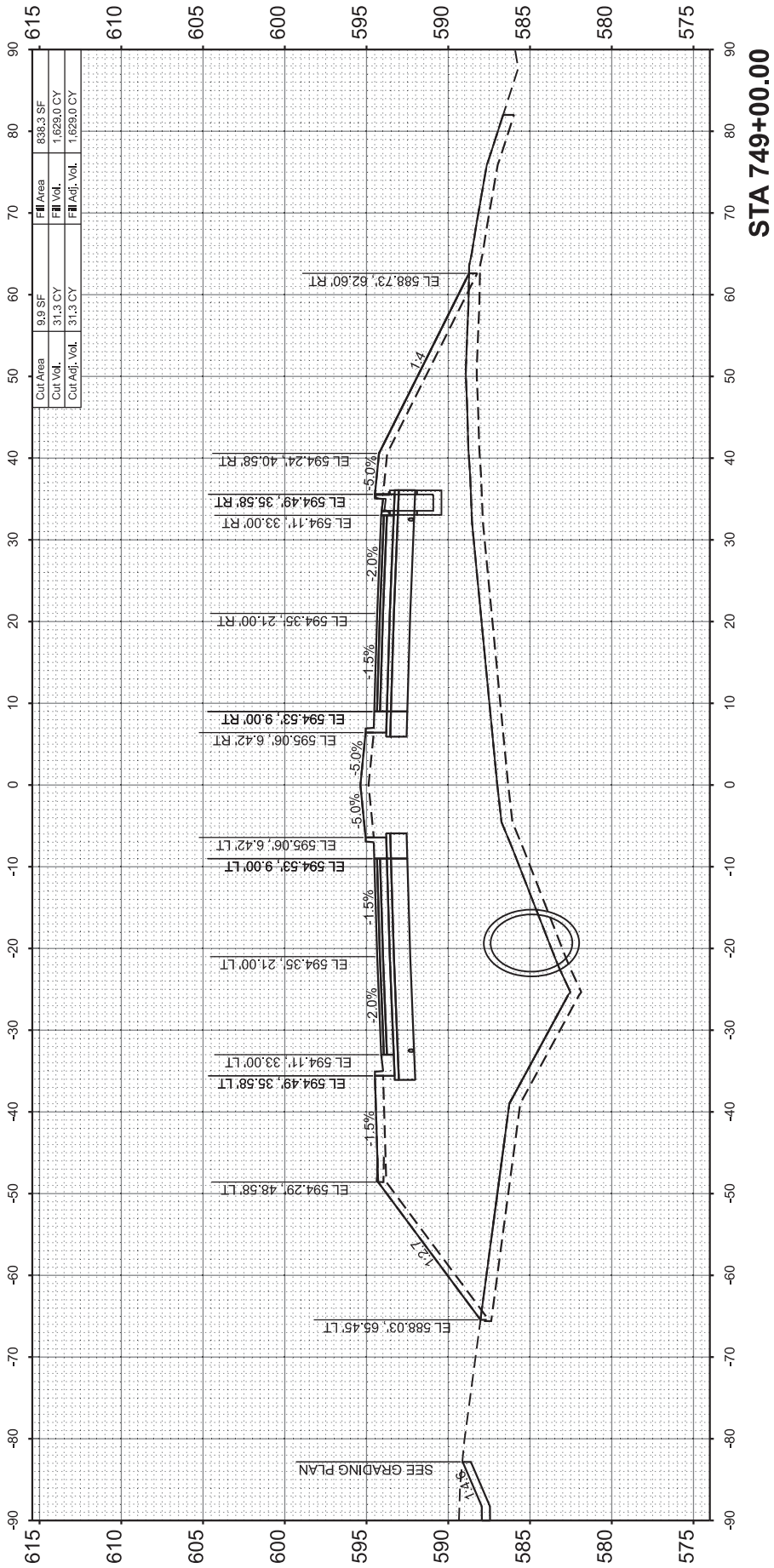
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10' SHEET 24 OF 38 SHEETS STA. 748+00.00 TO STA. 749+00.00

MACARTUR BOULEVARD
CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	80
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK	BY	DATE

ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK	BY	DATE

MODEL: C:\Program Files - 124
FILE NAME: I:\96pos\96S202F_01\CAD\Road\Sheet\C-SHT-X\Sections.dgn



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PLOT DATE	= 2/25/2025	DATE	-	REVISED	-

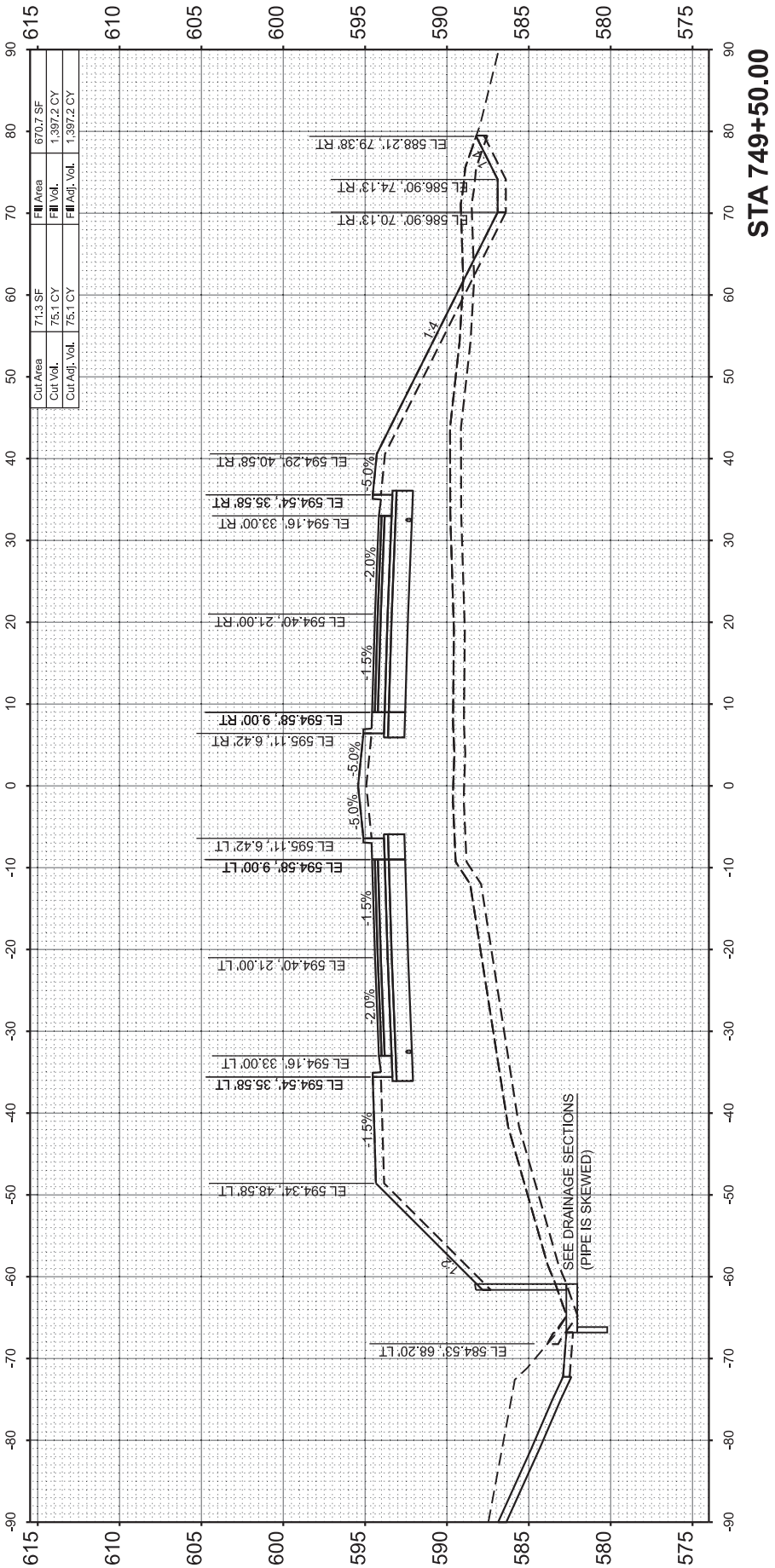
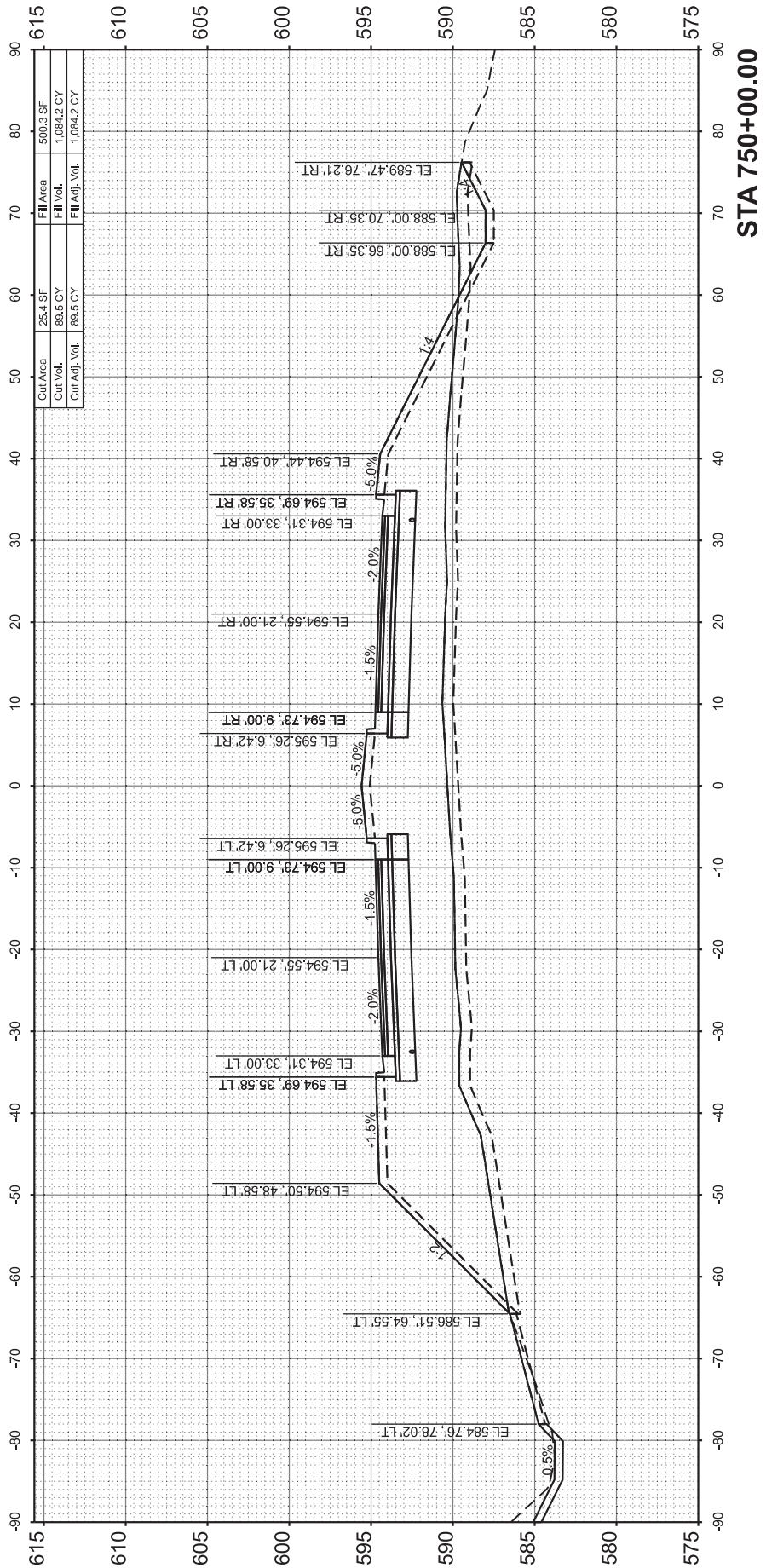
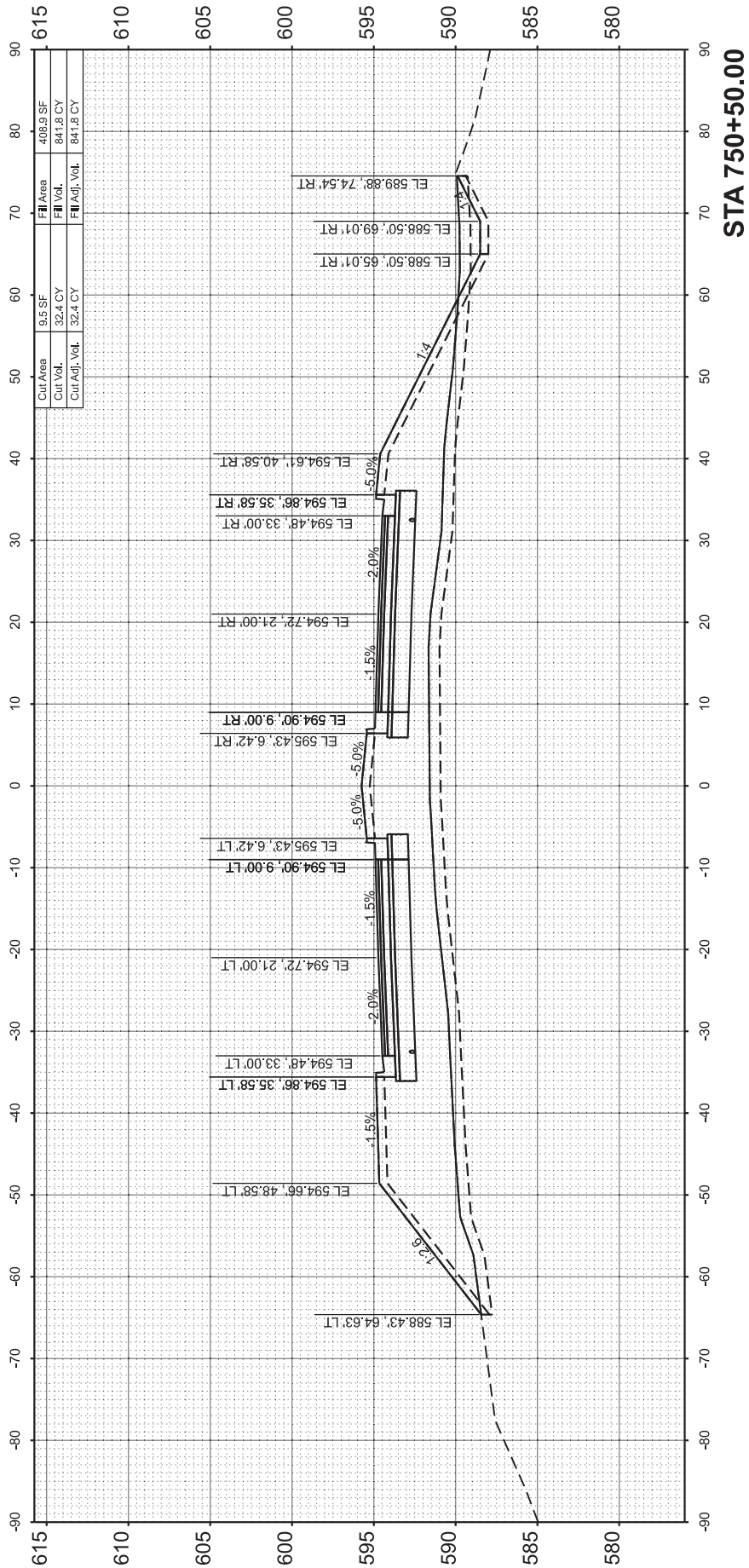
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10' SHEET 25 OF 38 SHEETS STA. 749+50.00 TO STA. 750+50.00

MACARTUR BOULEVARD

CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	81
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: C:\Program Files - 125
FILE NAME: I:\960505\96S202F_01\CAD\Road\Sheet\C-SHT-X\Sections.dgn



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USER NAME = hardj02376	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD

CROSS SECTIONS

SCALE: 1"=10'

SHEET 26

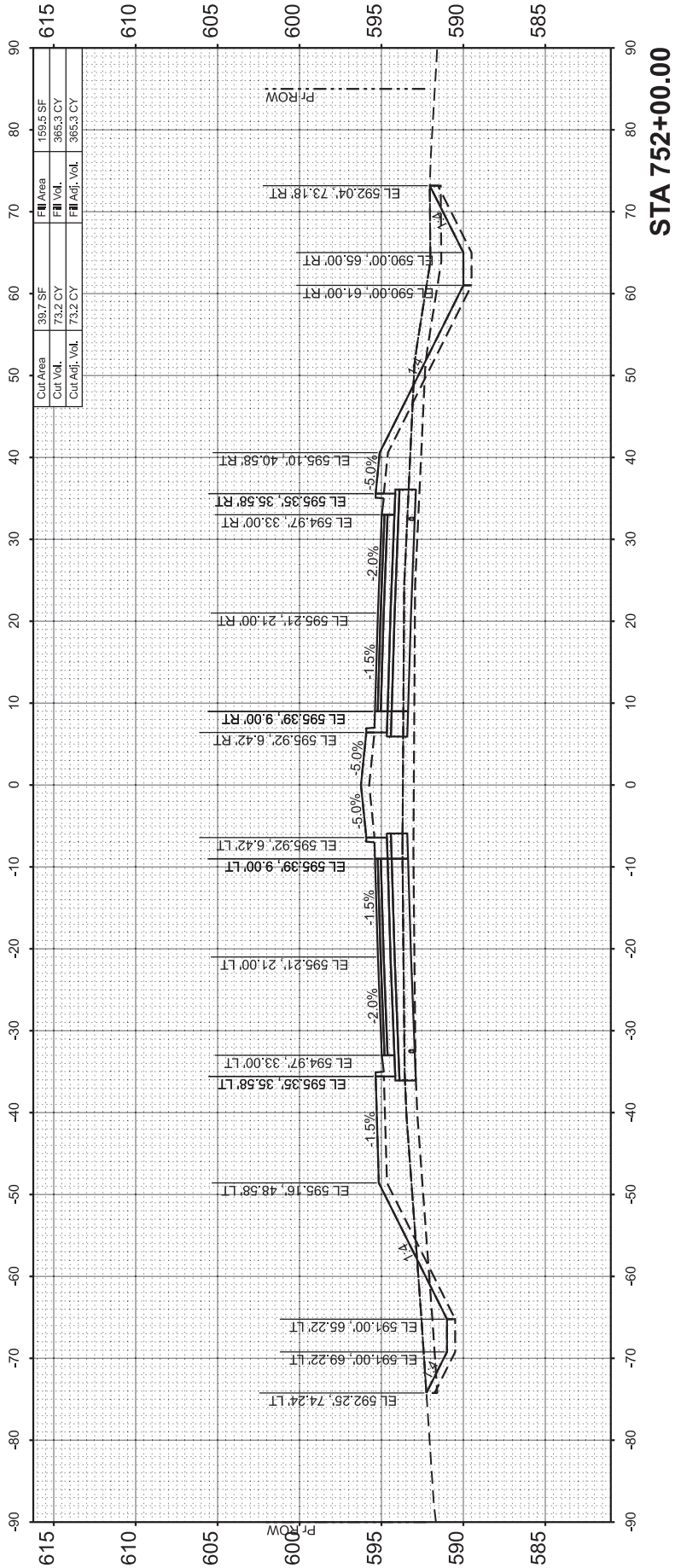
OF 38

SHEETS

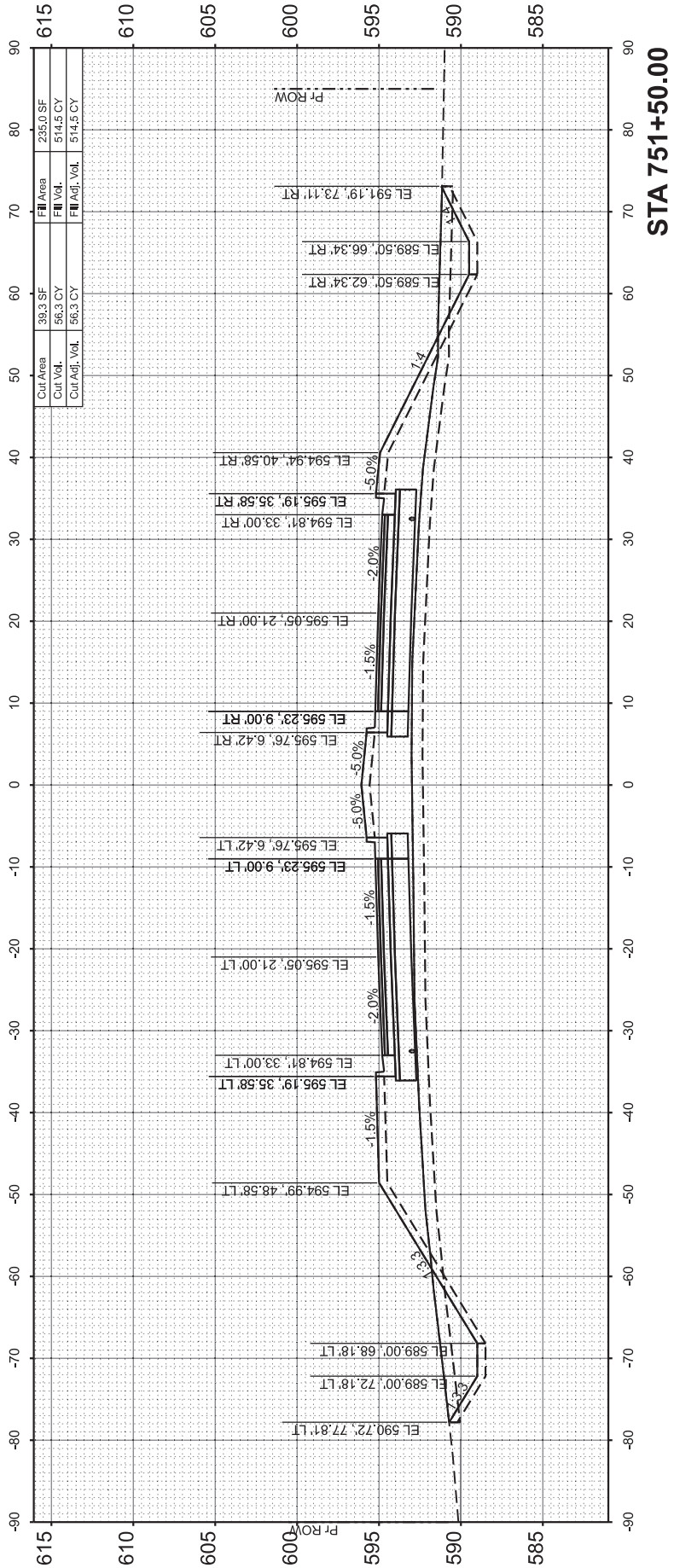
STA. 751+00.00

TO STA. 752+00.00

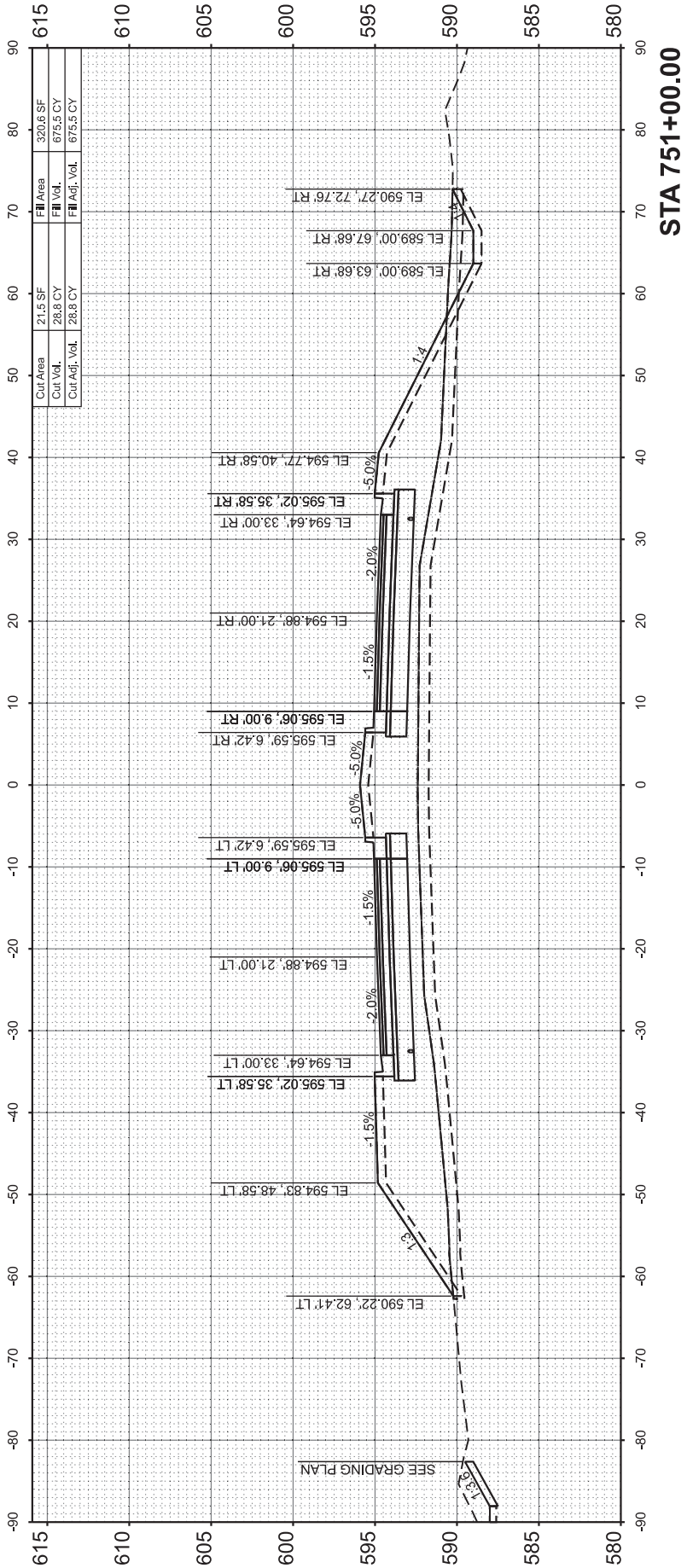
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	82
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



STA 752+00.00



STA 751+50.00



STA 751+00.00

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

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

MODEL: C:\Program Files - 126
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	DRAWN -	REVISED -
PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD

CROSS SECTIONS

SCALE: 1"=10'

SHEET 27

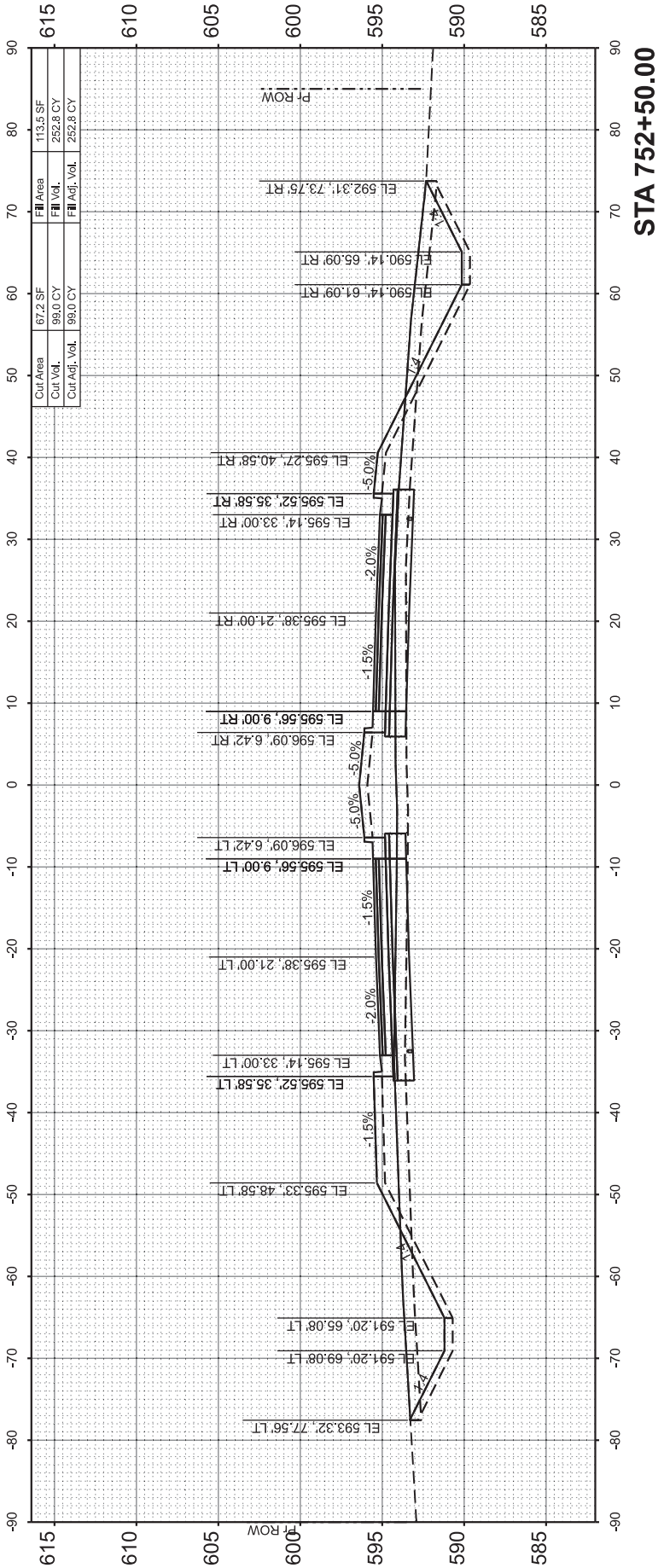
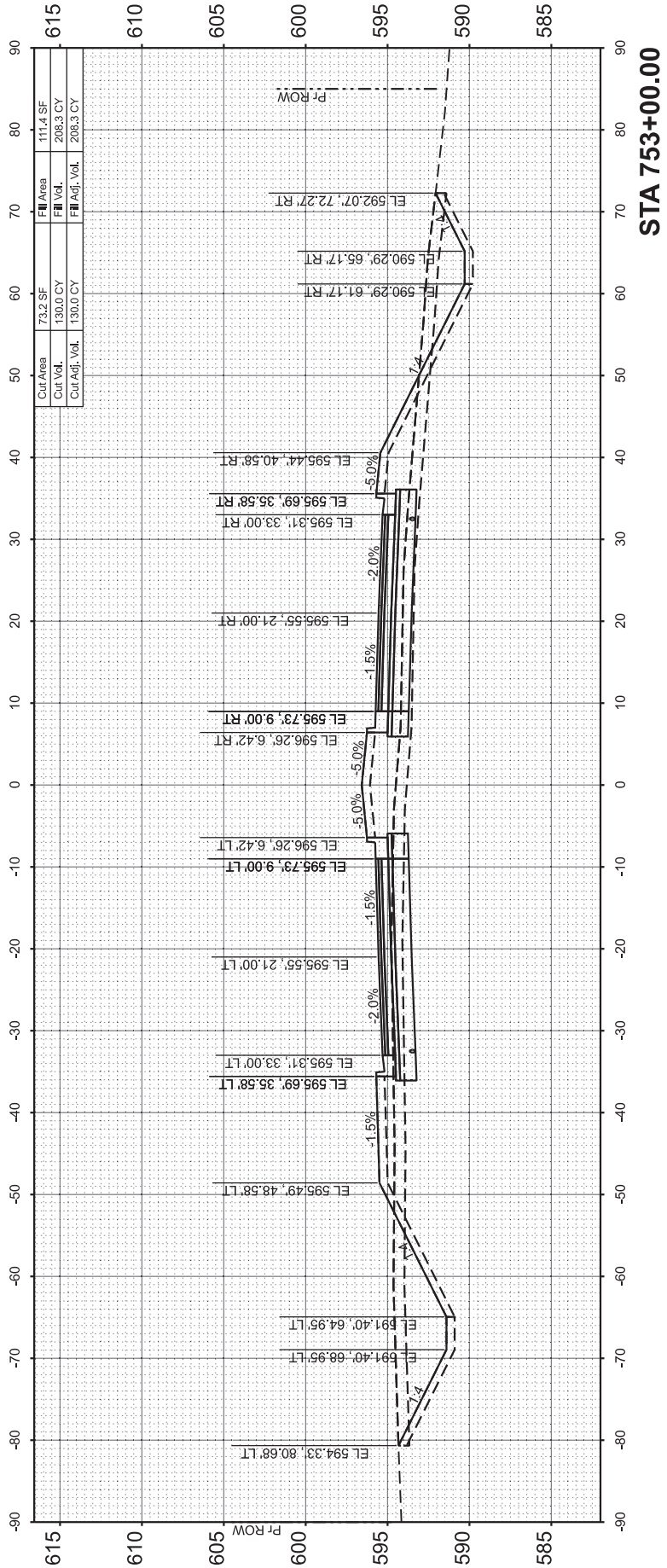
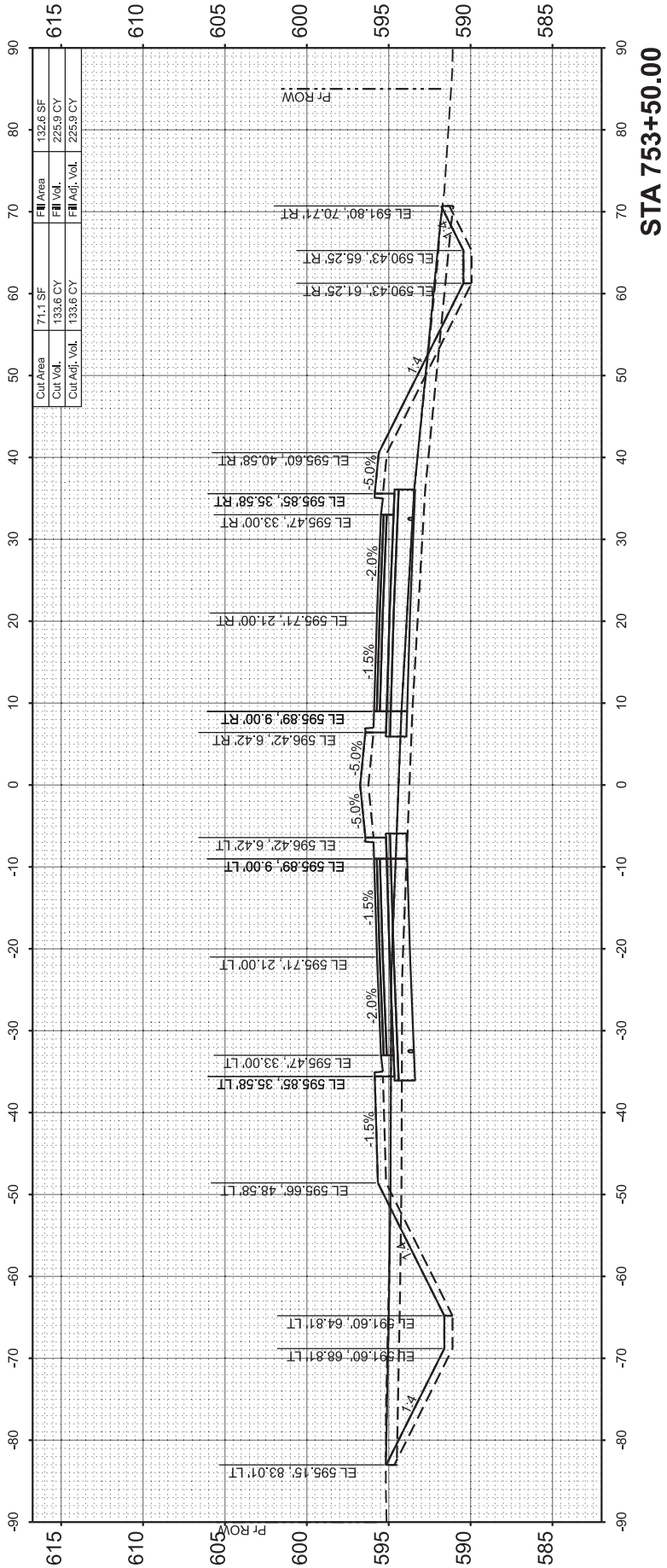
OF 38

SHEETS

STA. 752+50.00

TO STA. 753+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	83
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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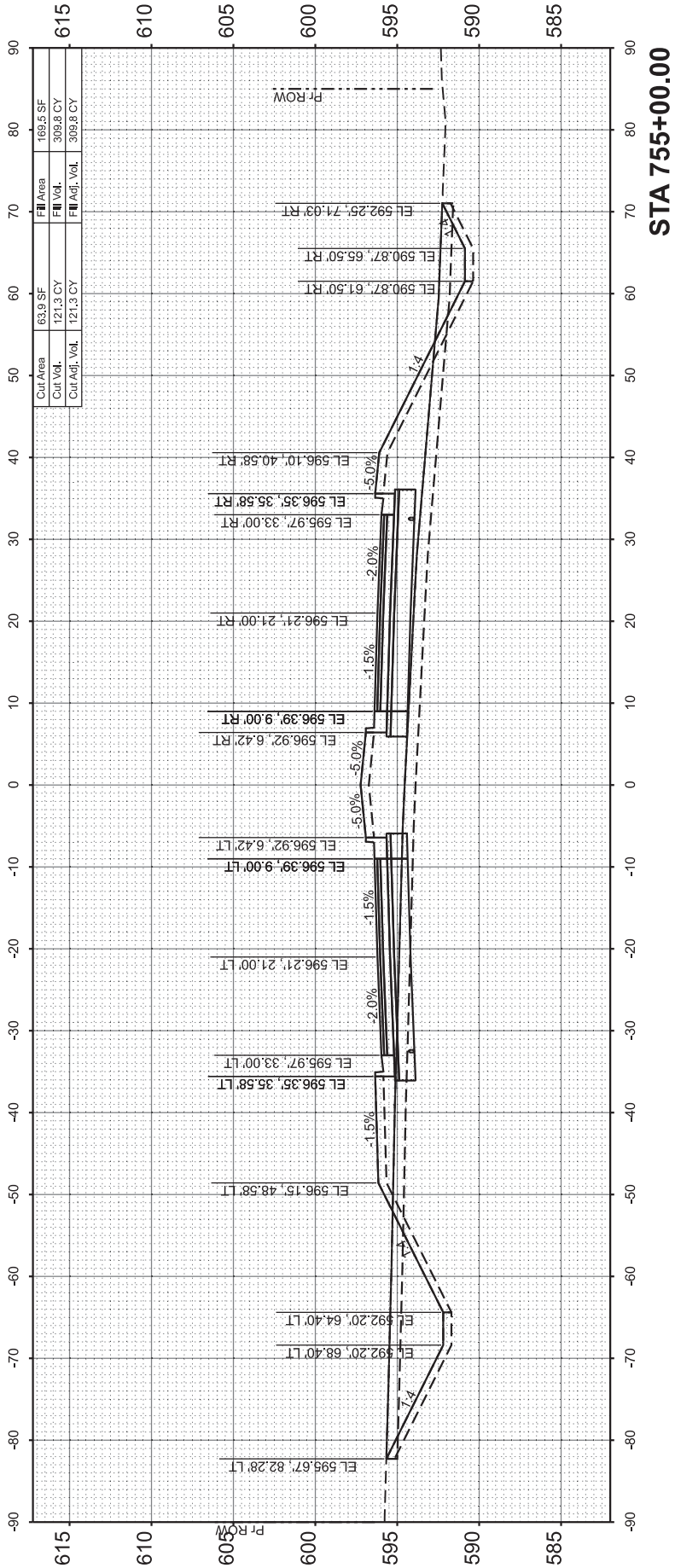
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USER NAME = hardj02376	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

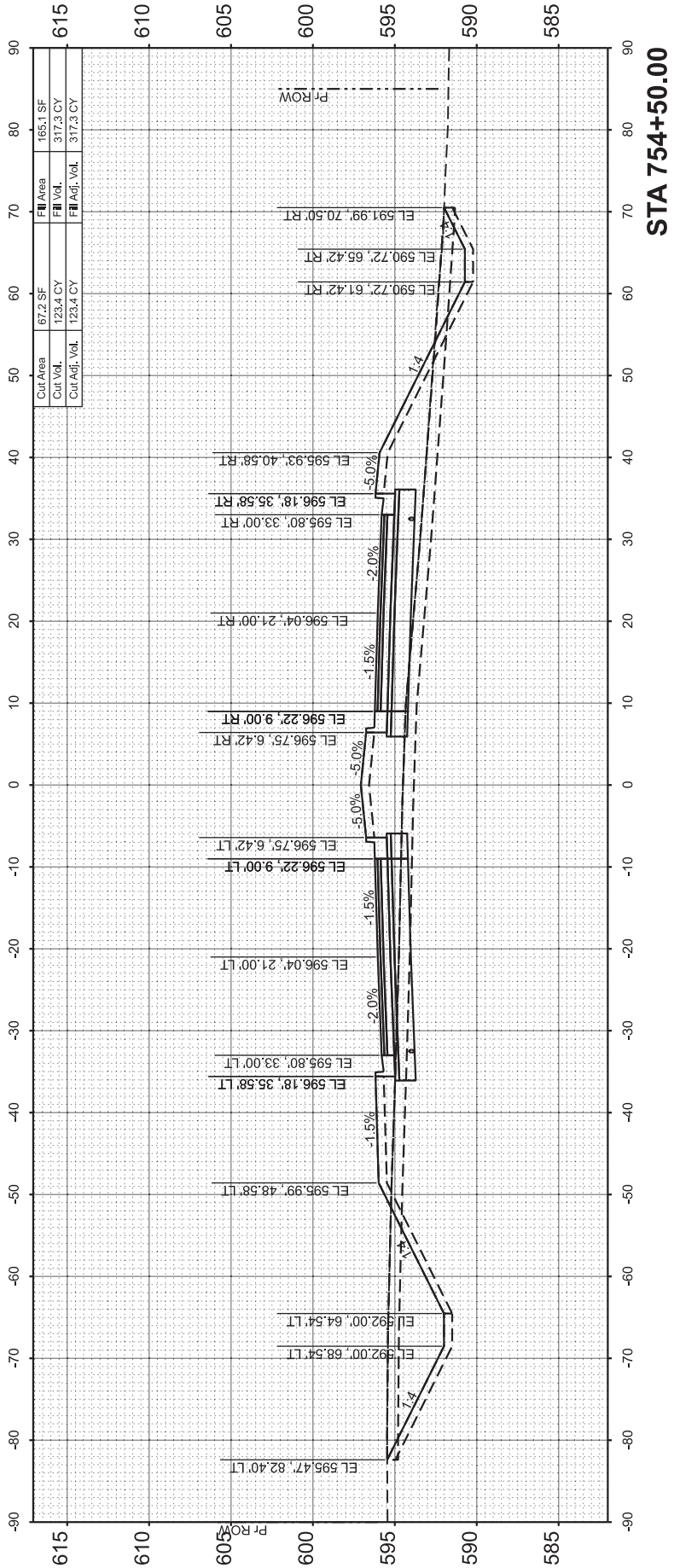
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
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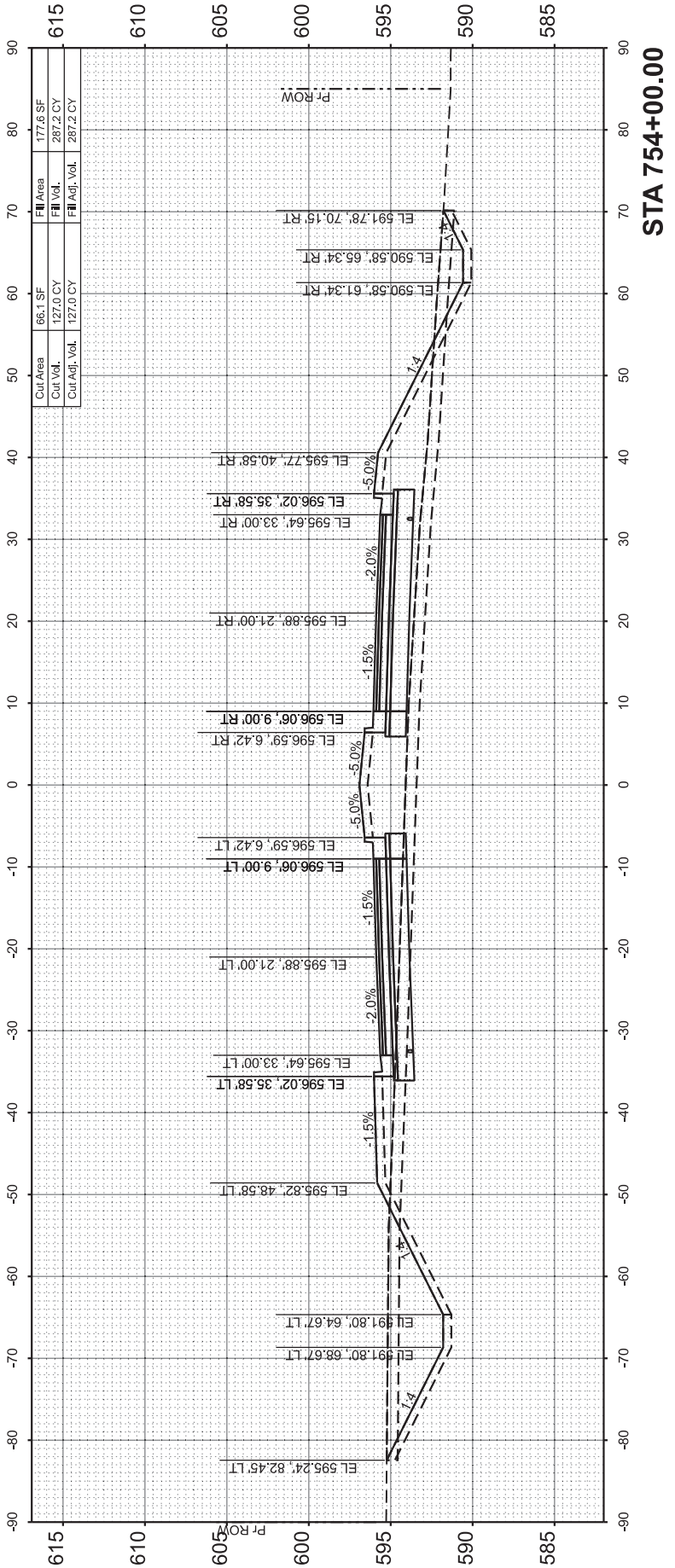
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	84
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



STA 755+00.00



STA 754+50.00



STA 754+00.00

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

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

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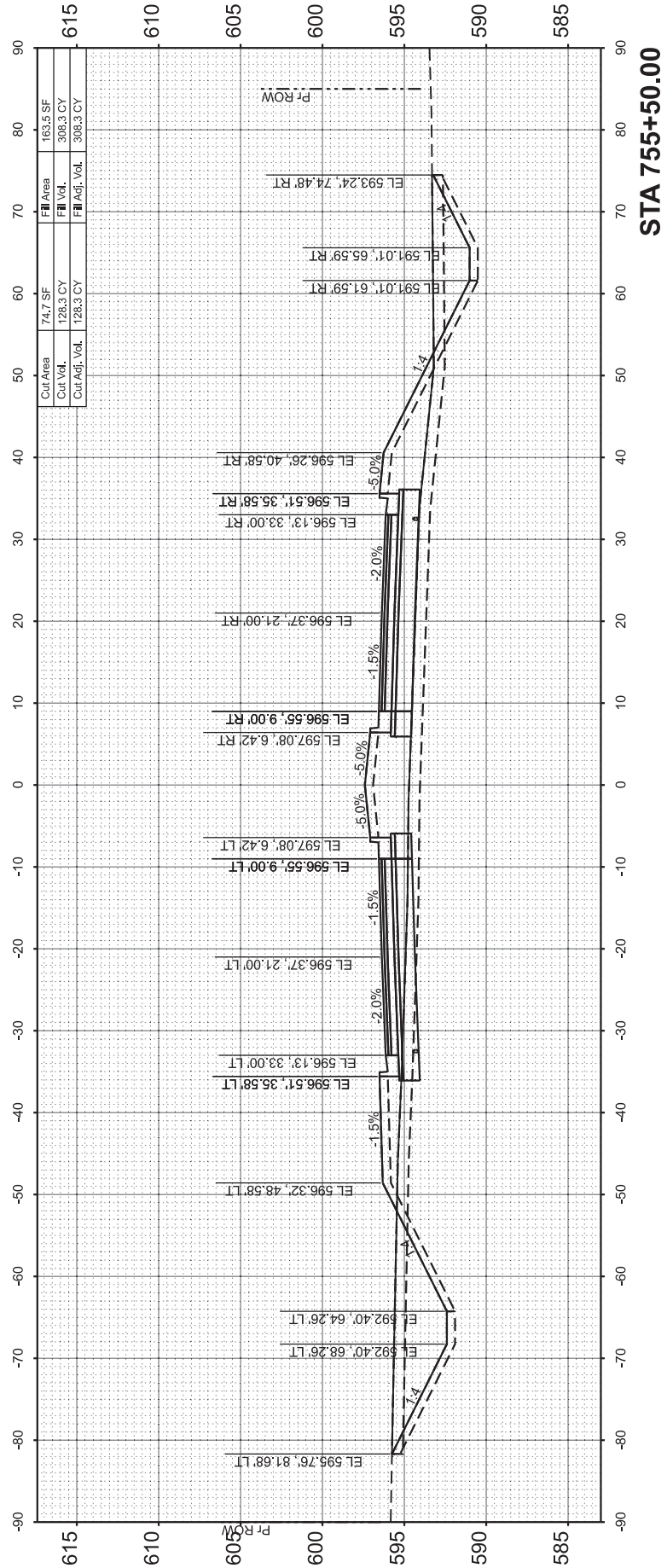
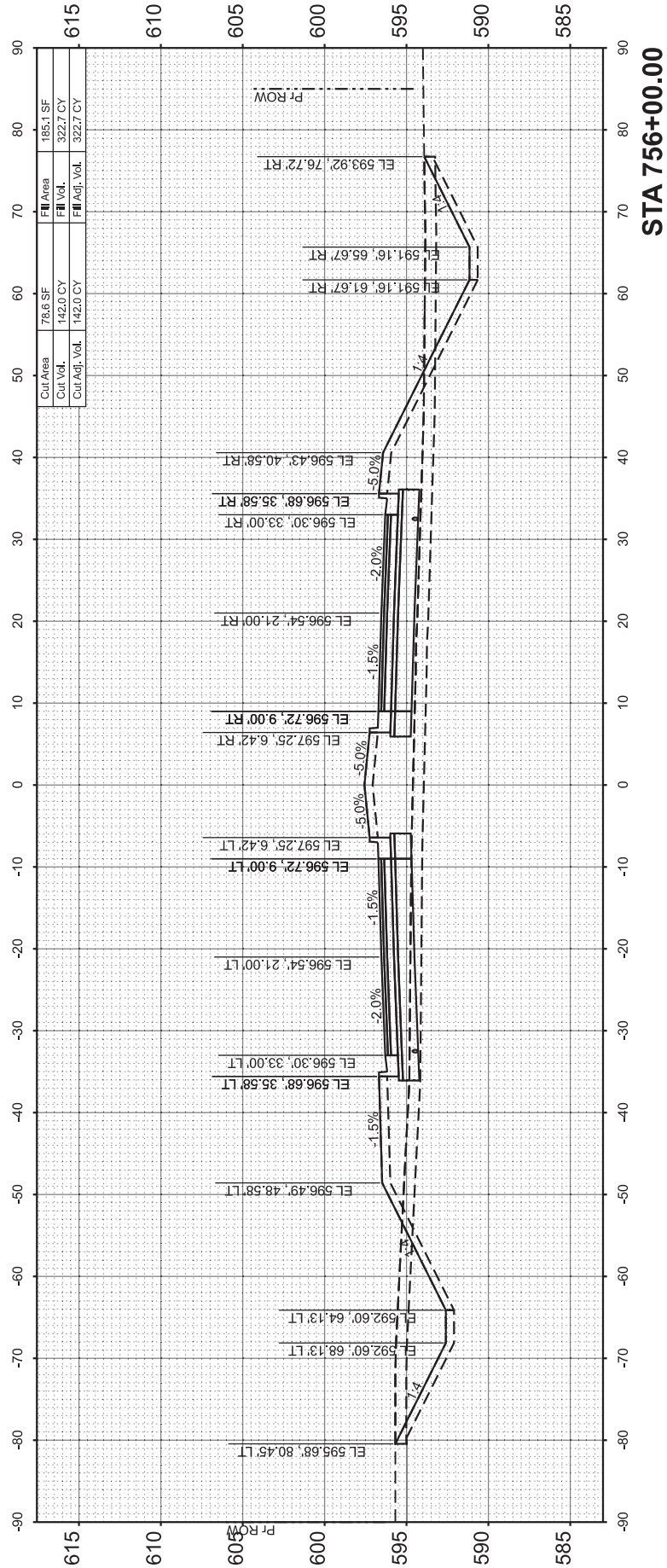
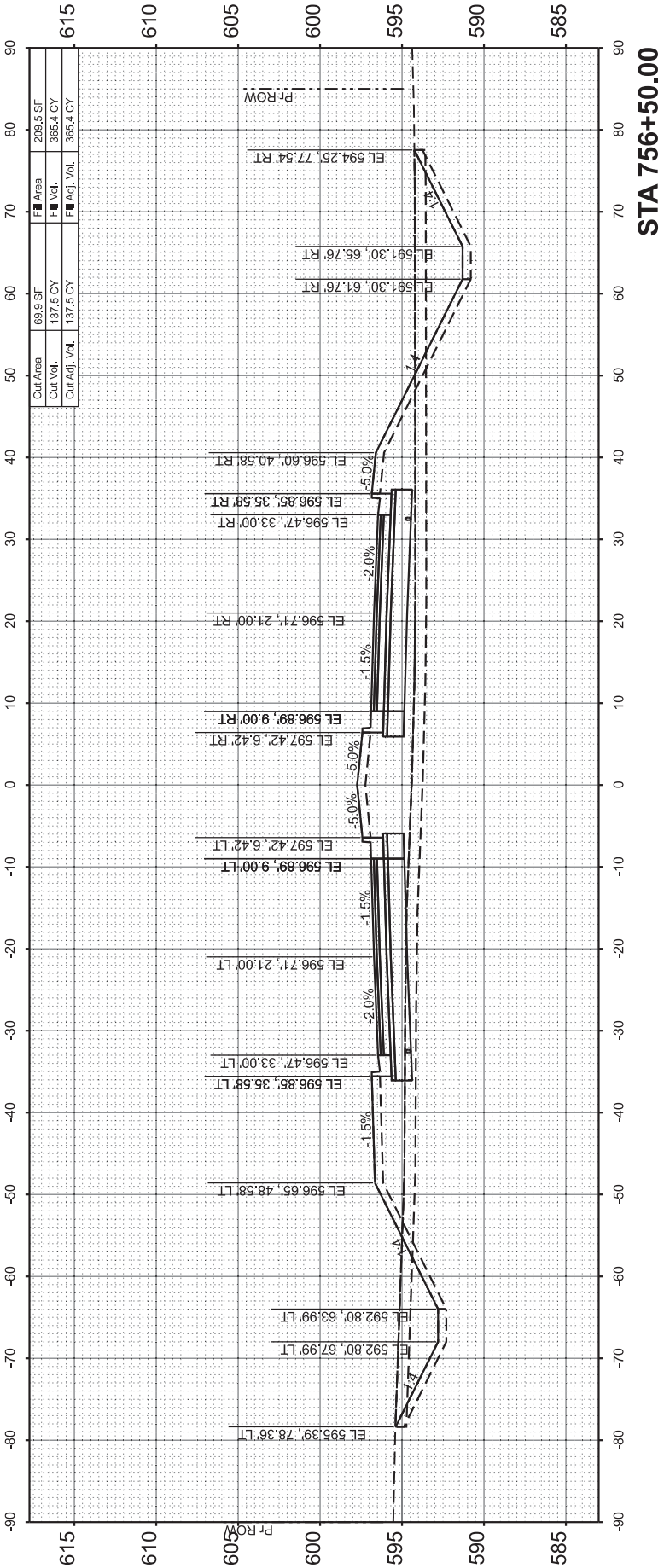
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	DRAWN -	REVISED -
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 29	OF 38 SHEETS	STA. 755+50.00 TO STA. 756+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	85
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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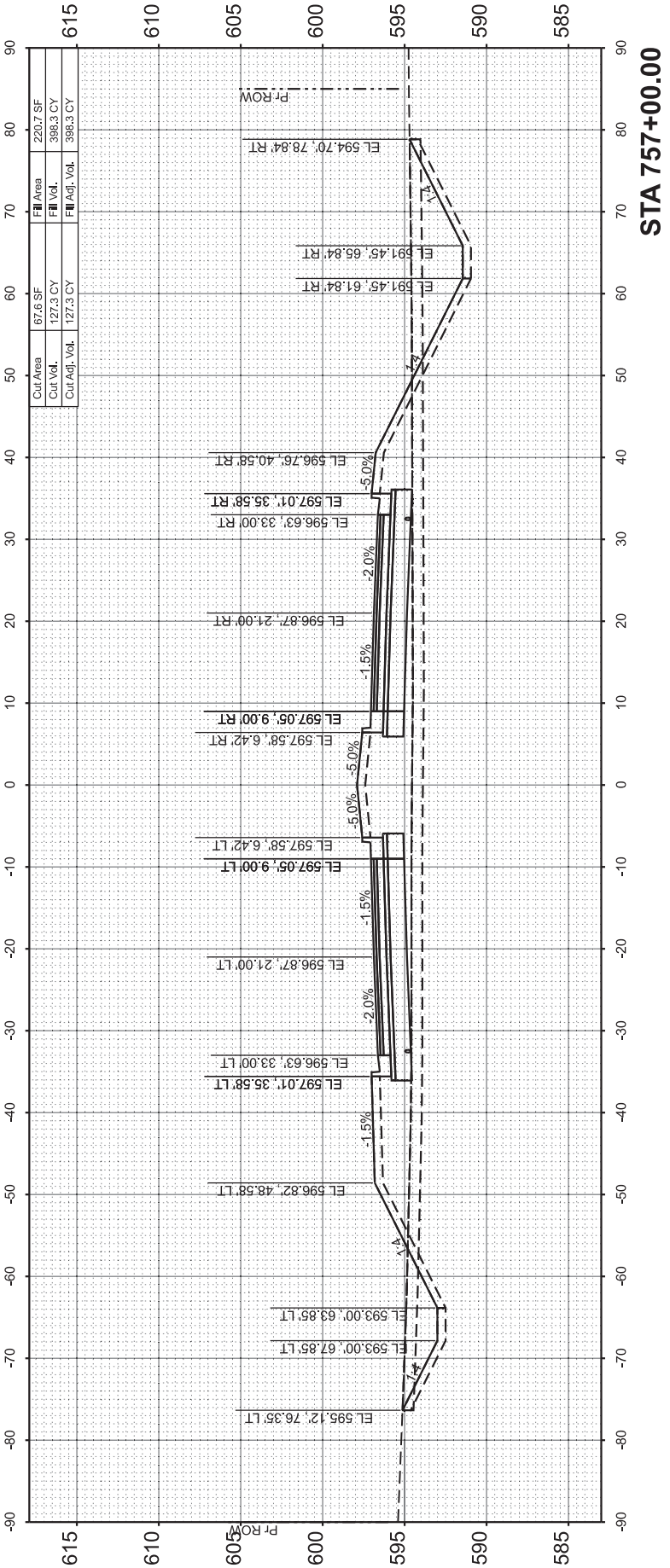
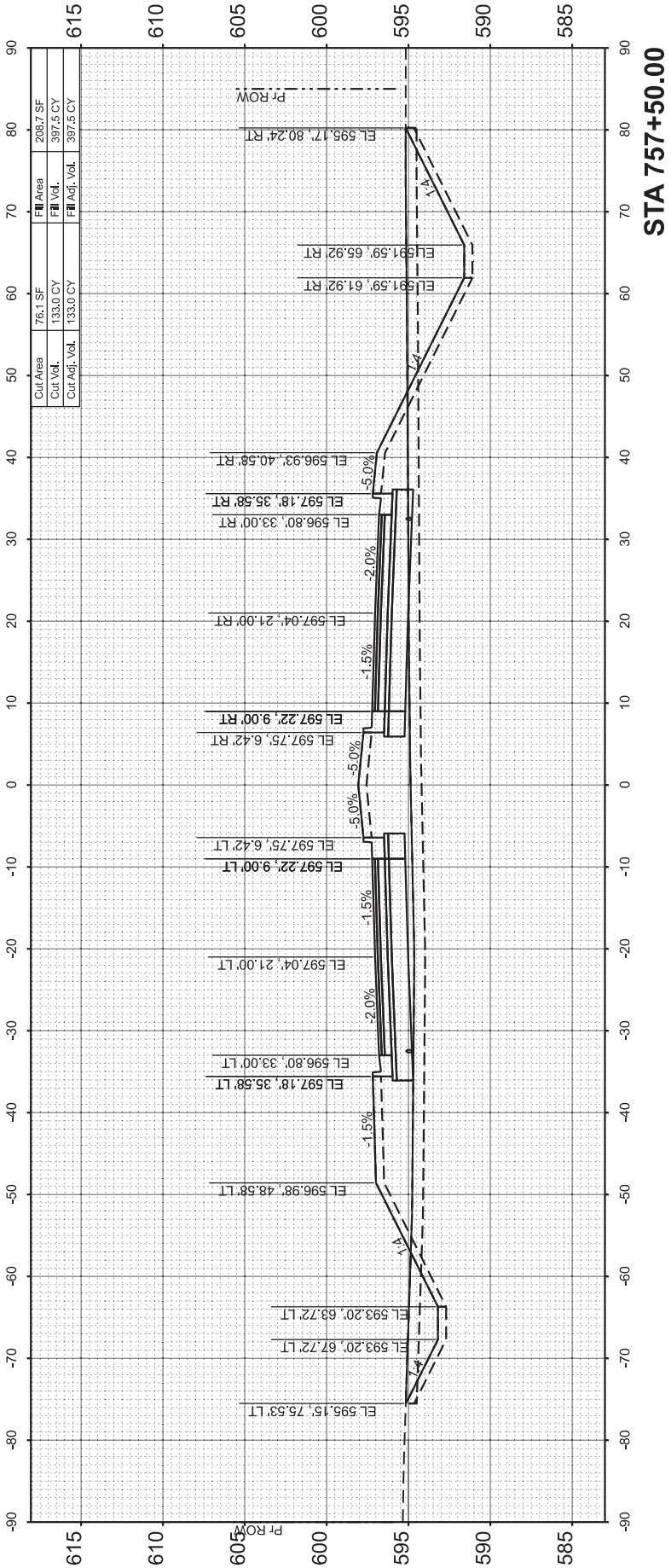
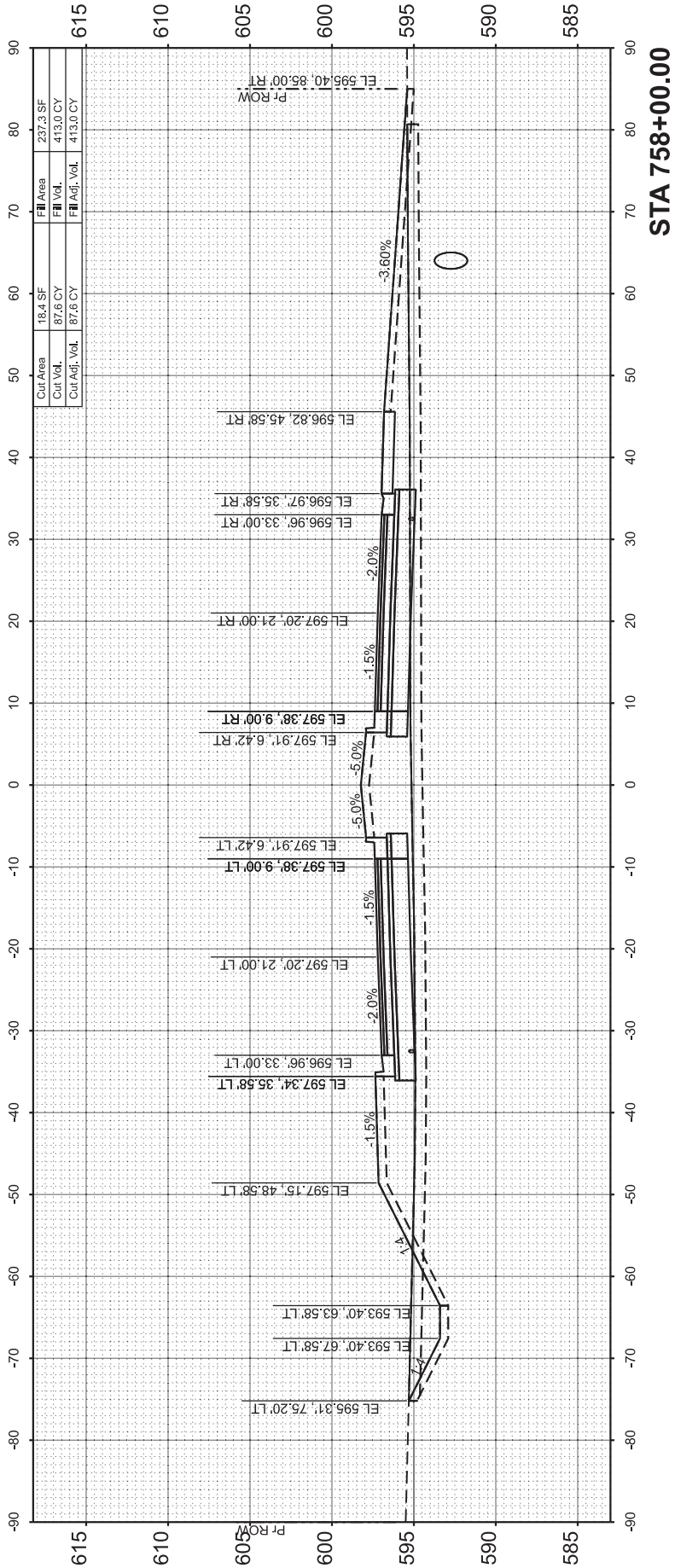
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 30	OF 38 SHEETS	STA. 757+00.00 TO STA. 758+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	86
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: C:\Program Files - 130
FILE NAME: I:\9605965202F_01\CAD\Road\Sheet\C-SHT-X\Sections.dgn



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PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD

CROSS SECTIONS

SCALE: 1"=10'

SHEET 31

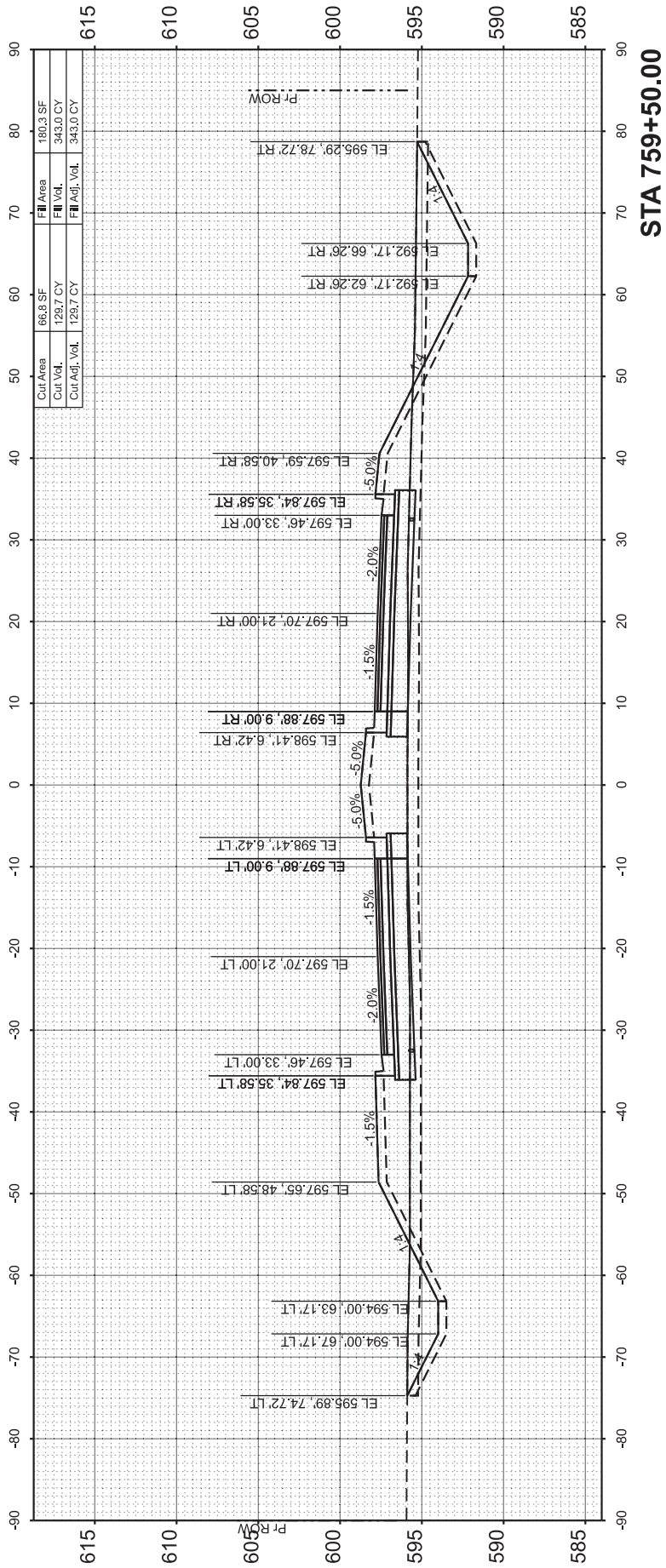
OF 38

SHEETS

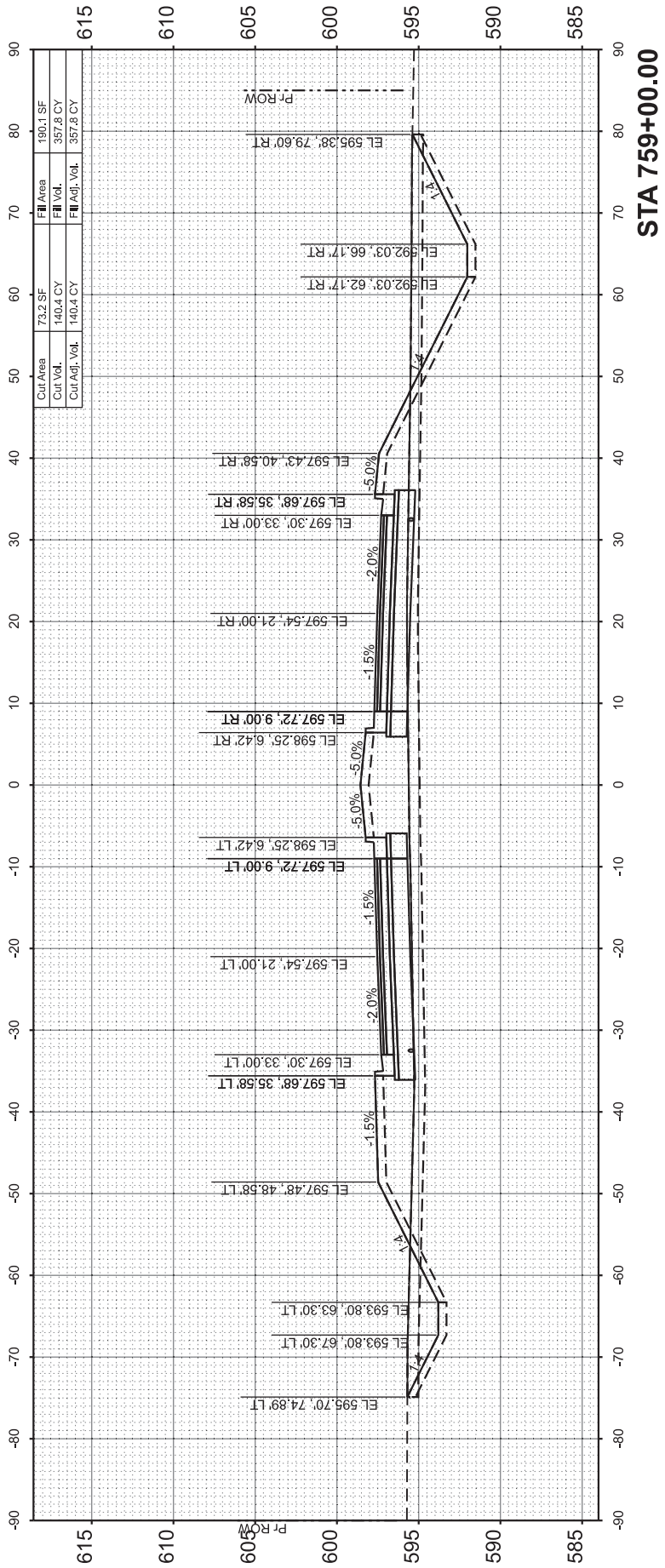
STA. 758+50.00

TO STA. 759+50.00

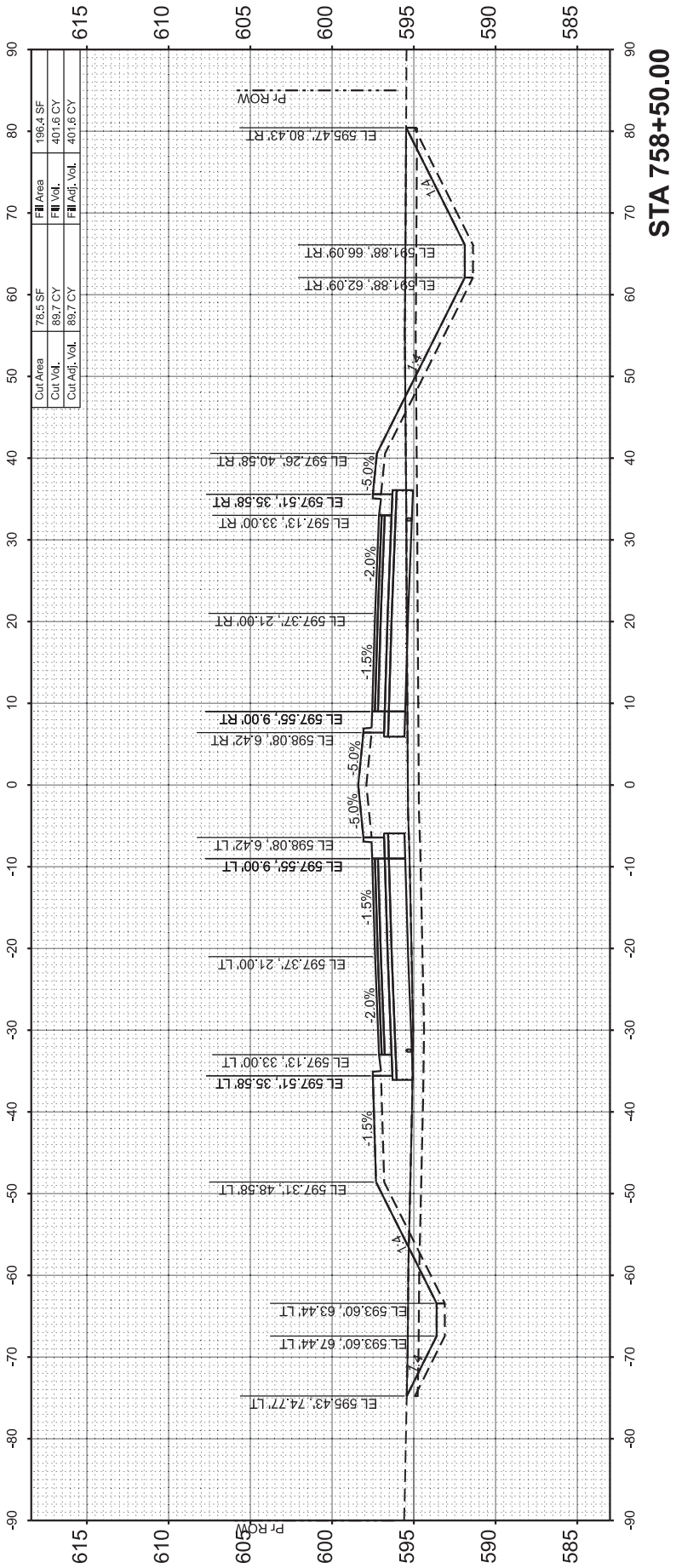
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	87
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



STA 759+50.00



STA 759+00.00



STA 758+50.00

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

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

MODEL: C:\Program Files - 131
FILE NAME: I:\9605965202F_01\CAD\Road\Sheet\C-SHT-X\Sections.dgn



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PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD

CROSS SECTIONS

SCALE: 1"=10'

SHEET 32

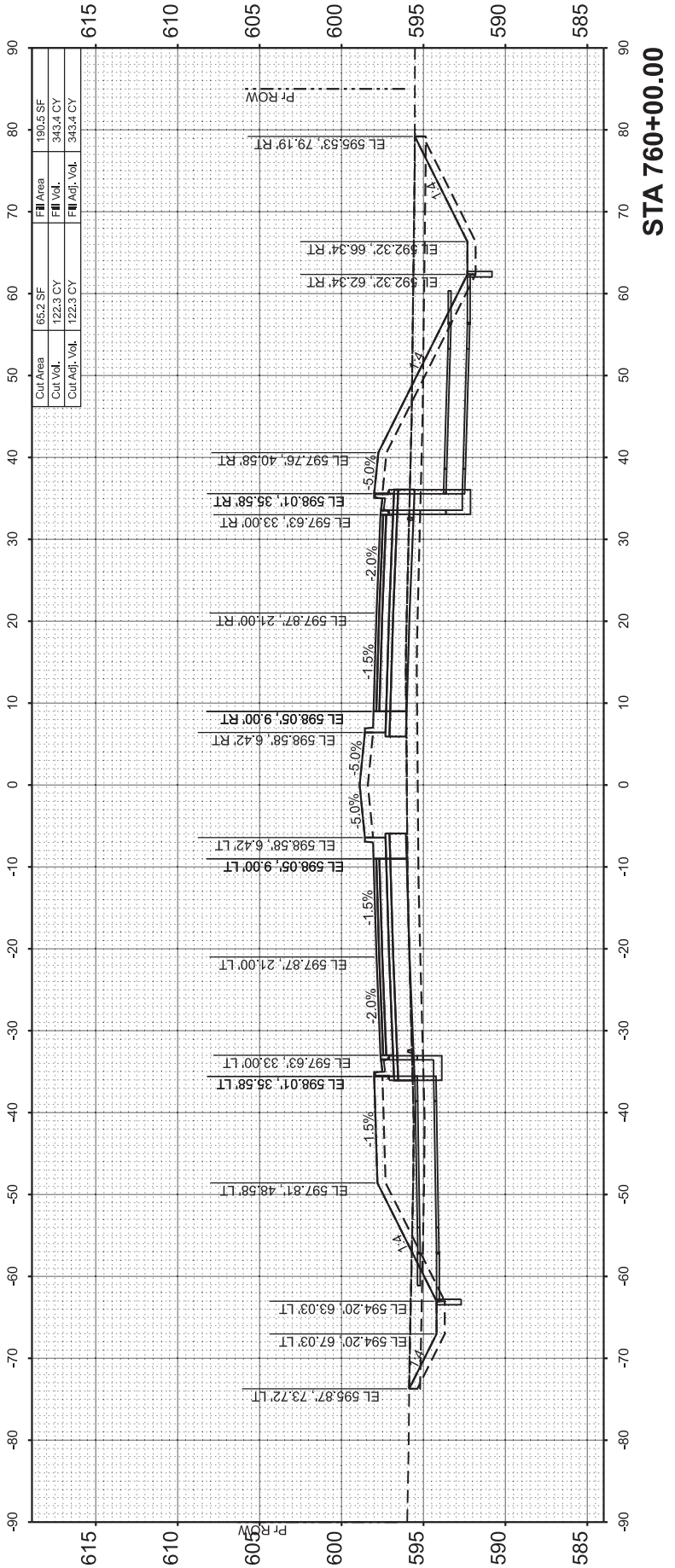
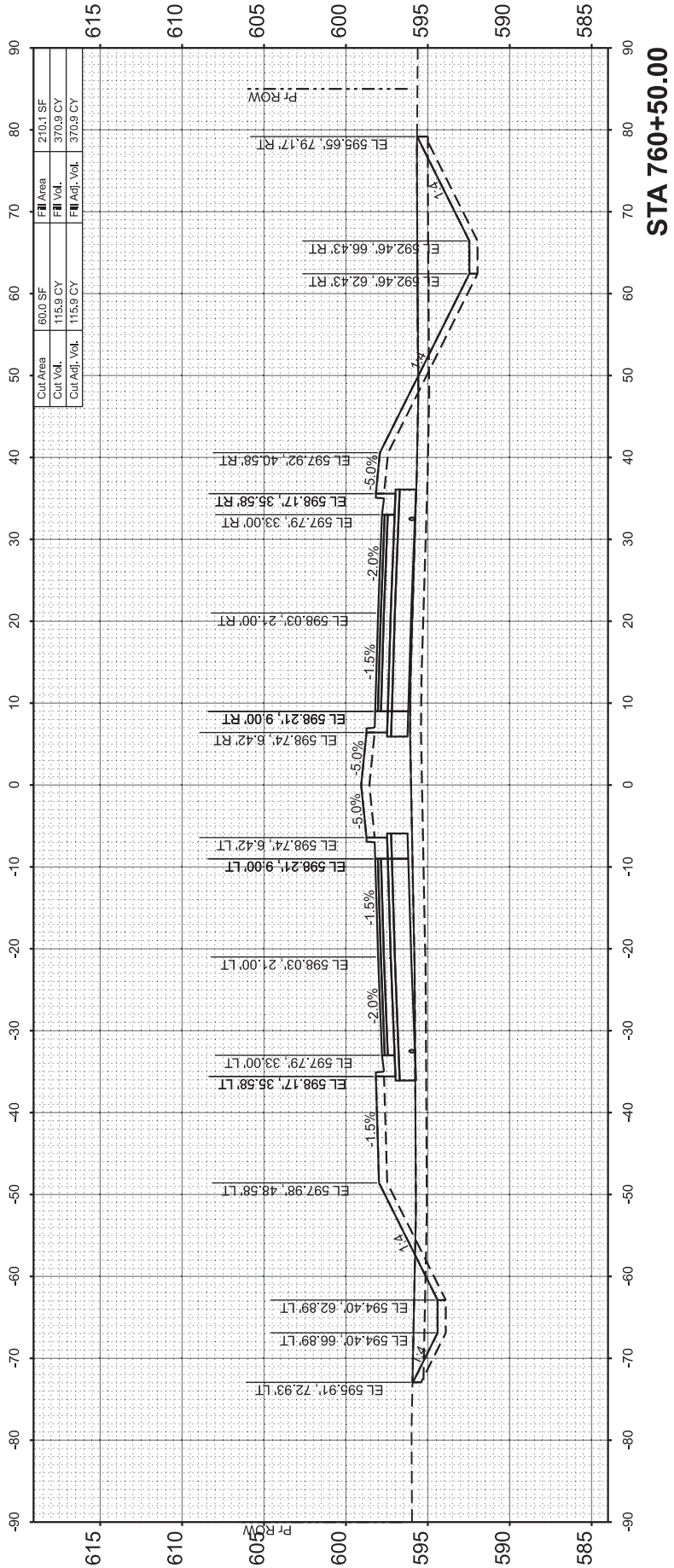
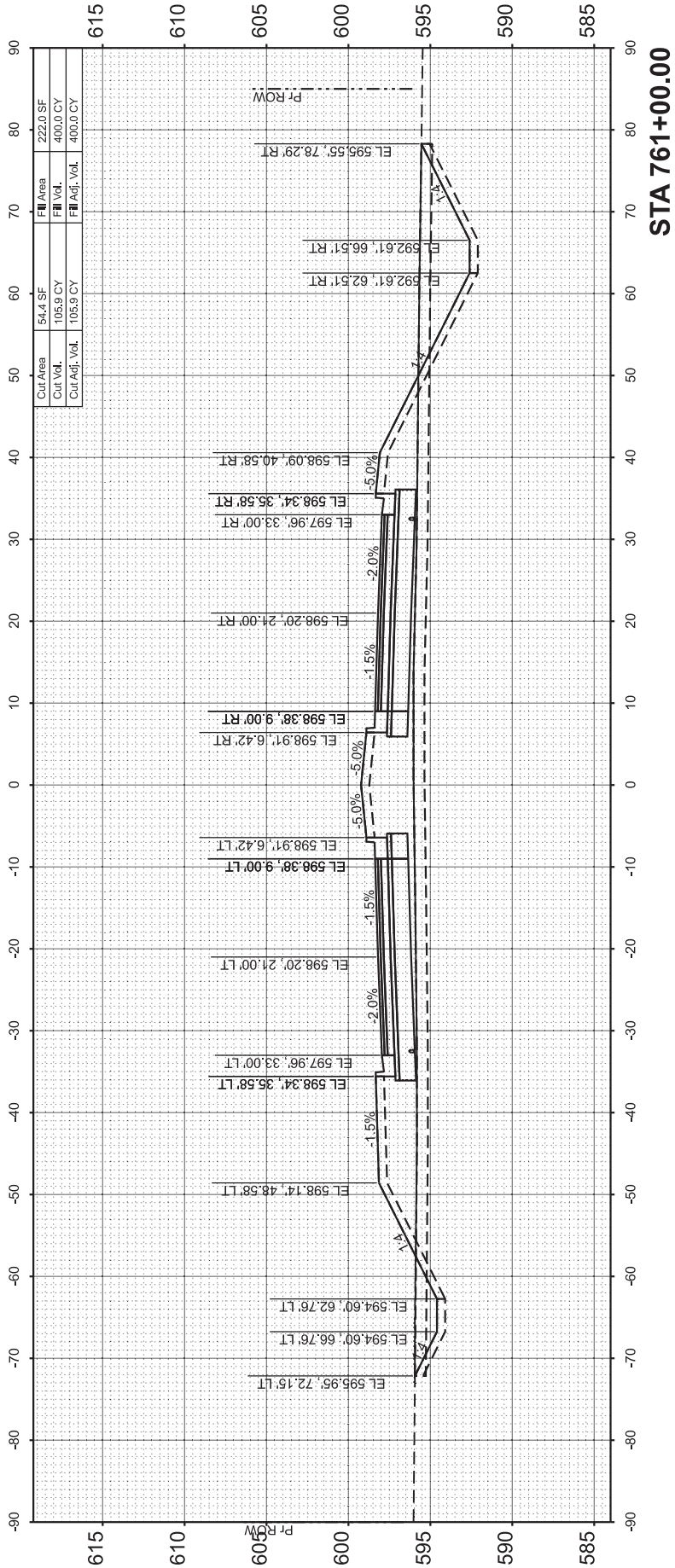
OF 38

SHEETS

STA. 760+00.00

TO STA. 761+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



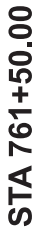
ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO _____	AREAS CHECKED _____		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	89
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



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

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

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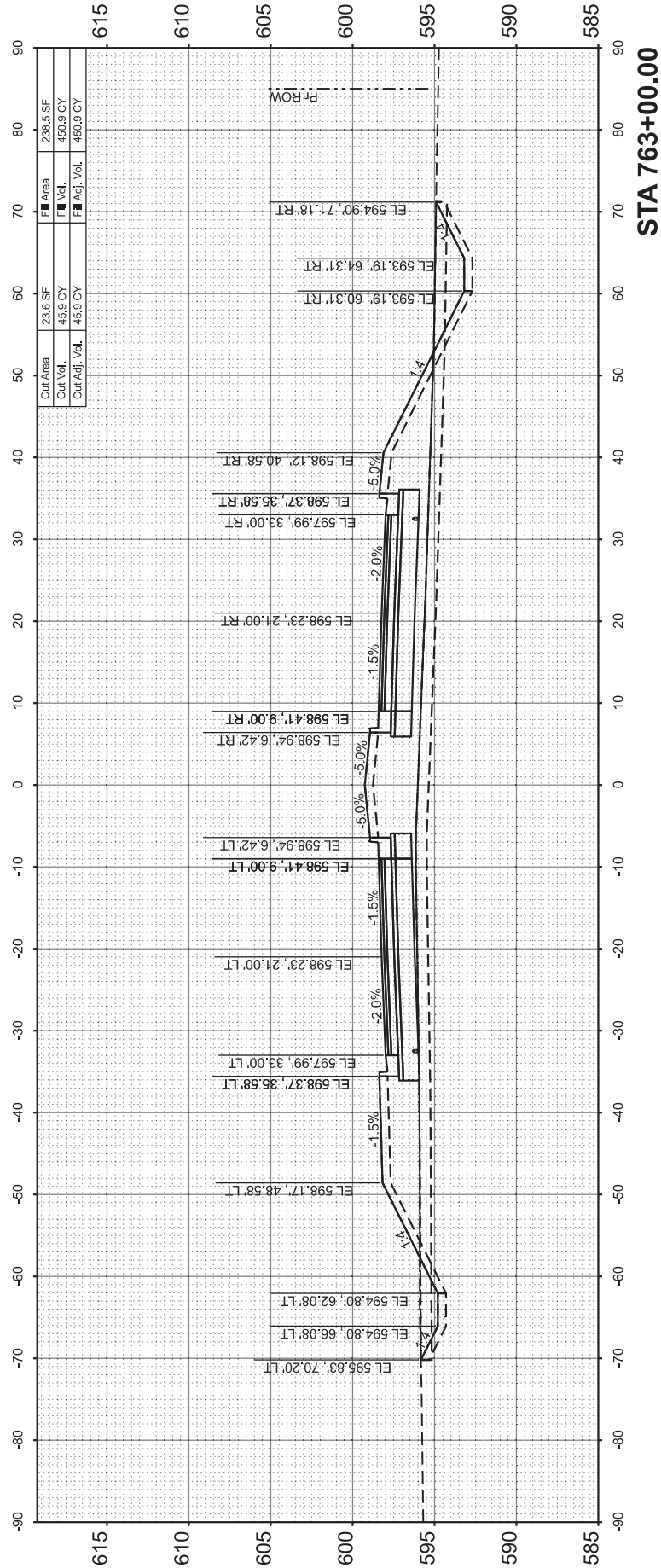
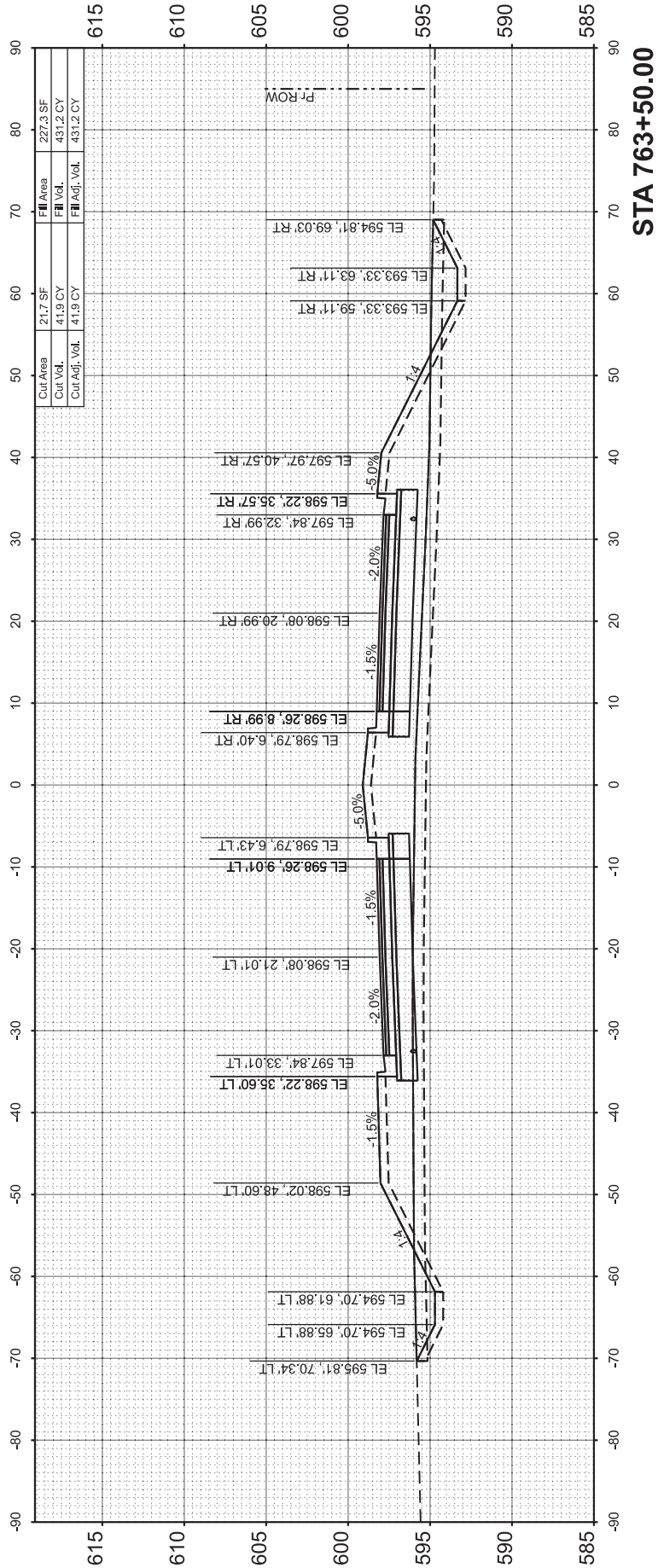
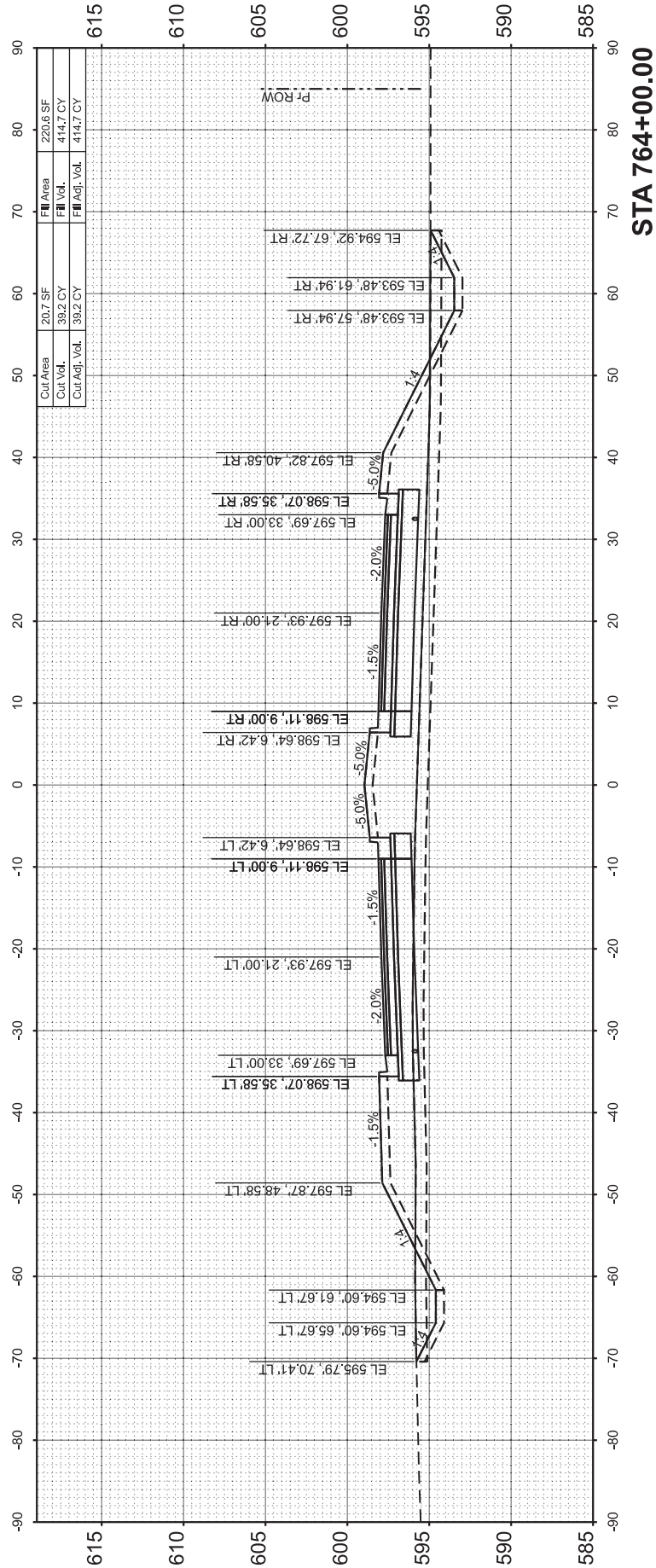
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD		
CROSS SECTIONS		
SCALE: 1"=10'	SHEET 34	OF 38 SHEETS
STA. 763+00.00		TO STA. 764+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	90
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS FED. AID PROJECT		



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

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

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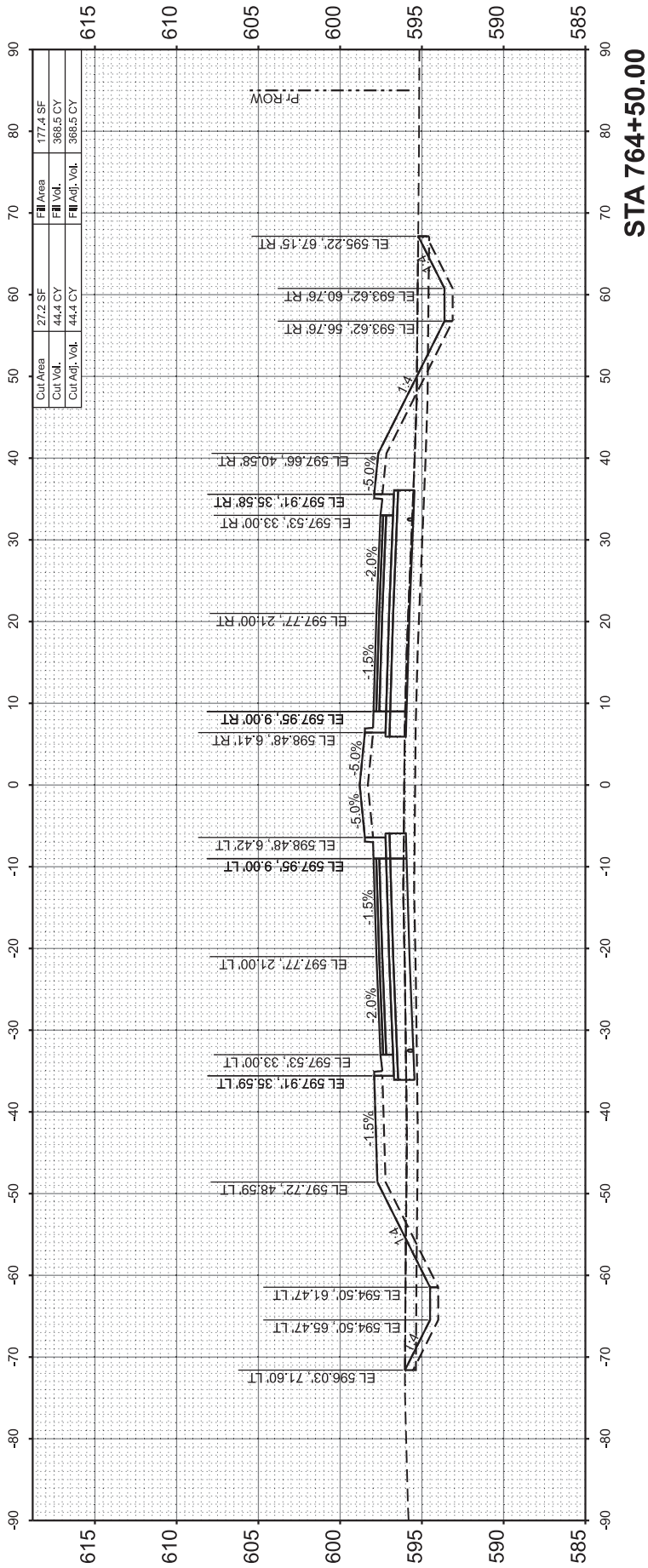
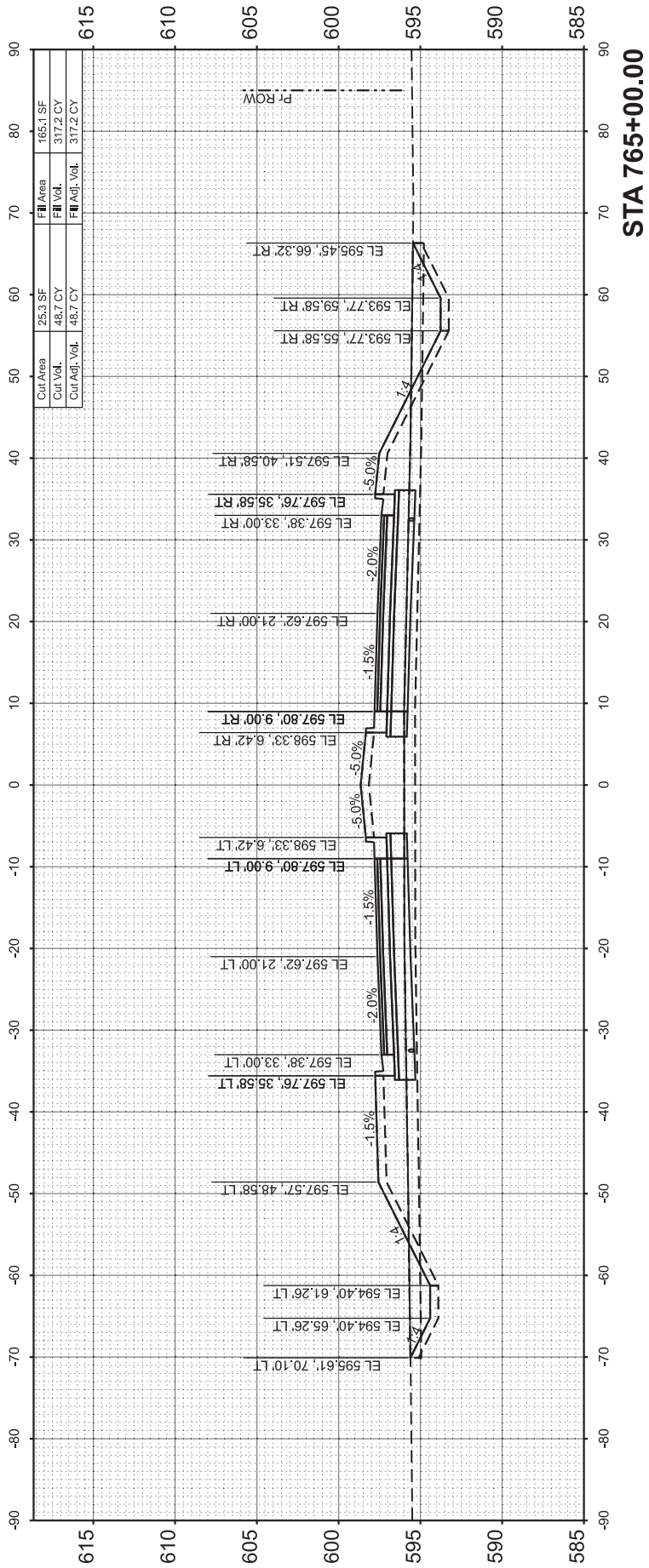
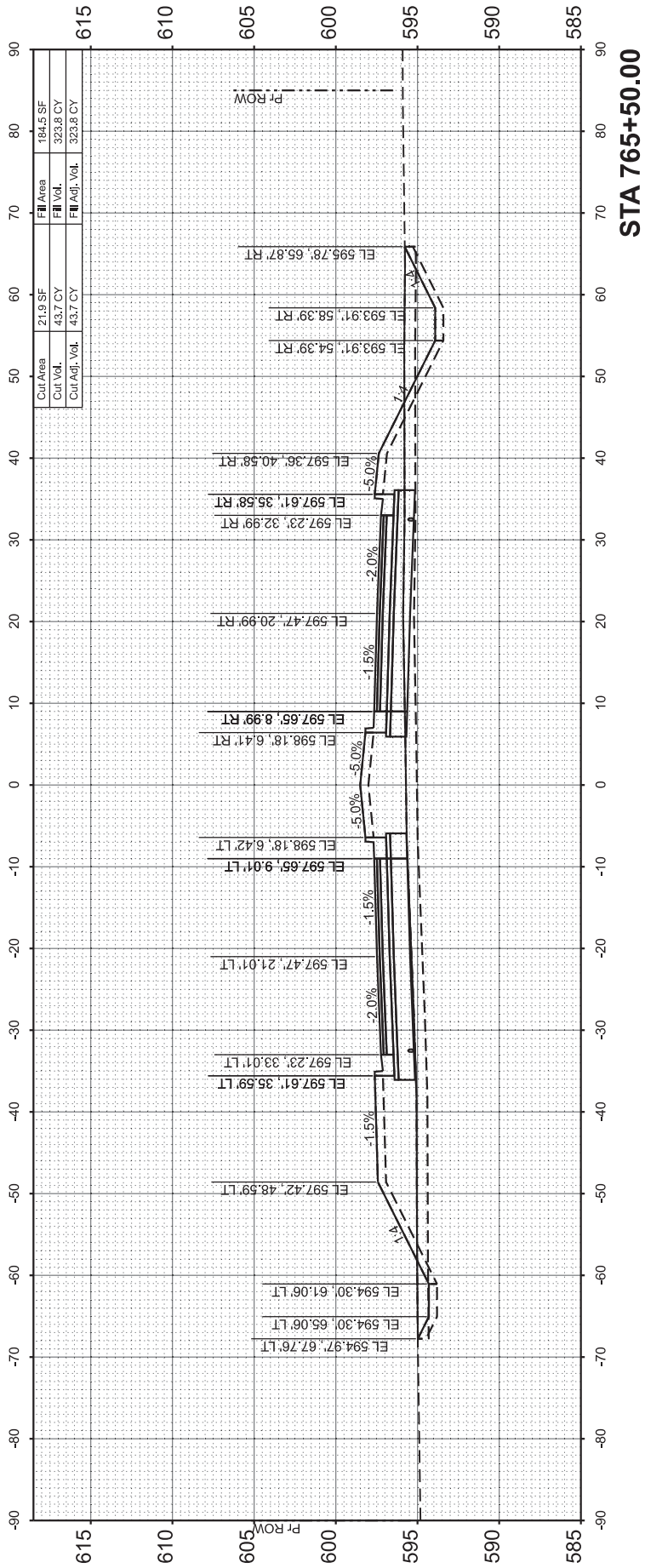
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 35	OF 38 SHEETS	STA. 764+50.00 TO STA. 765+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	91
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: C:\Program Files - 135
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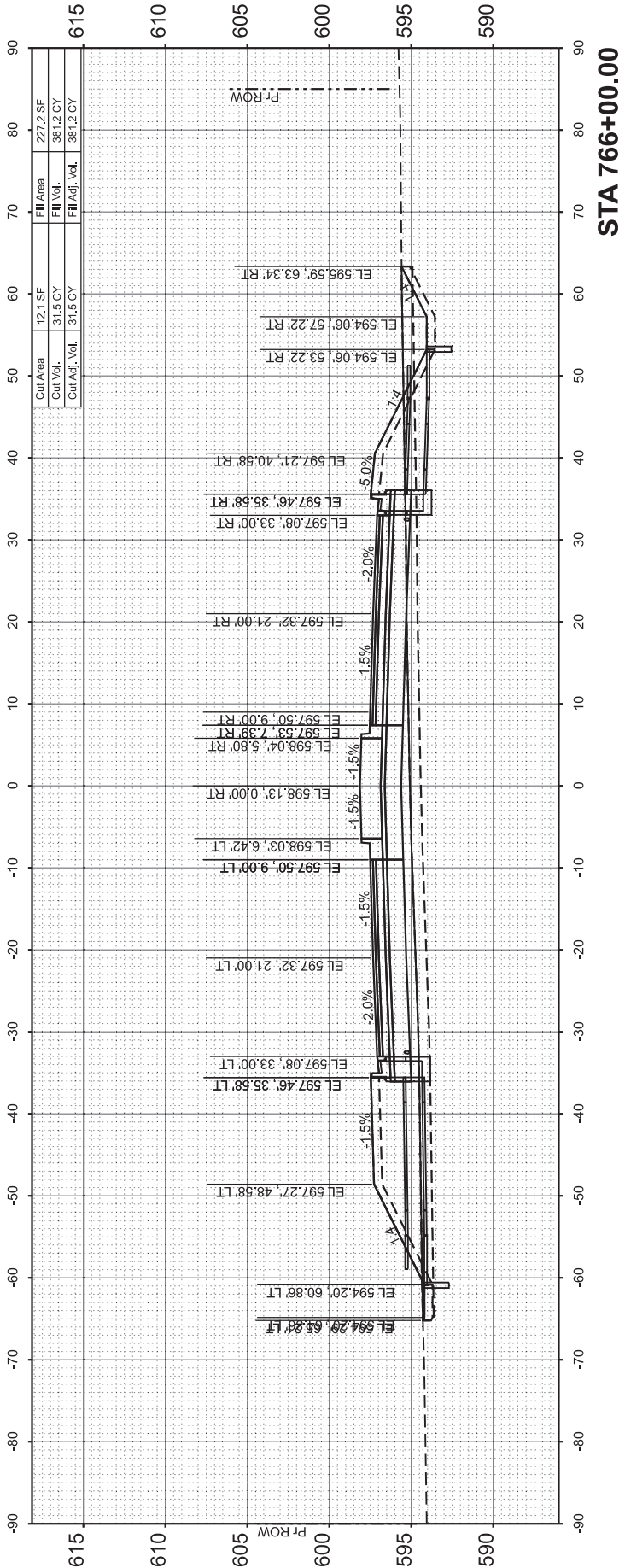
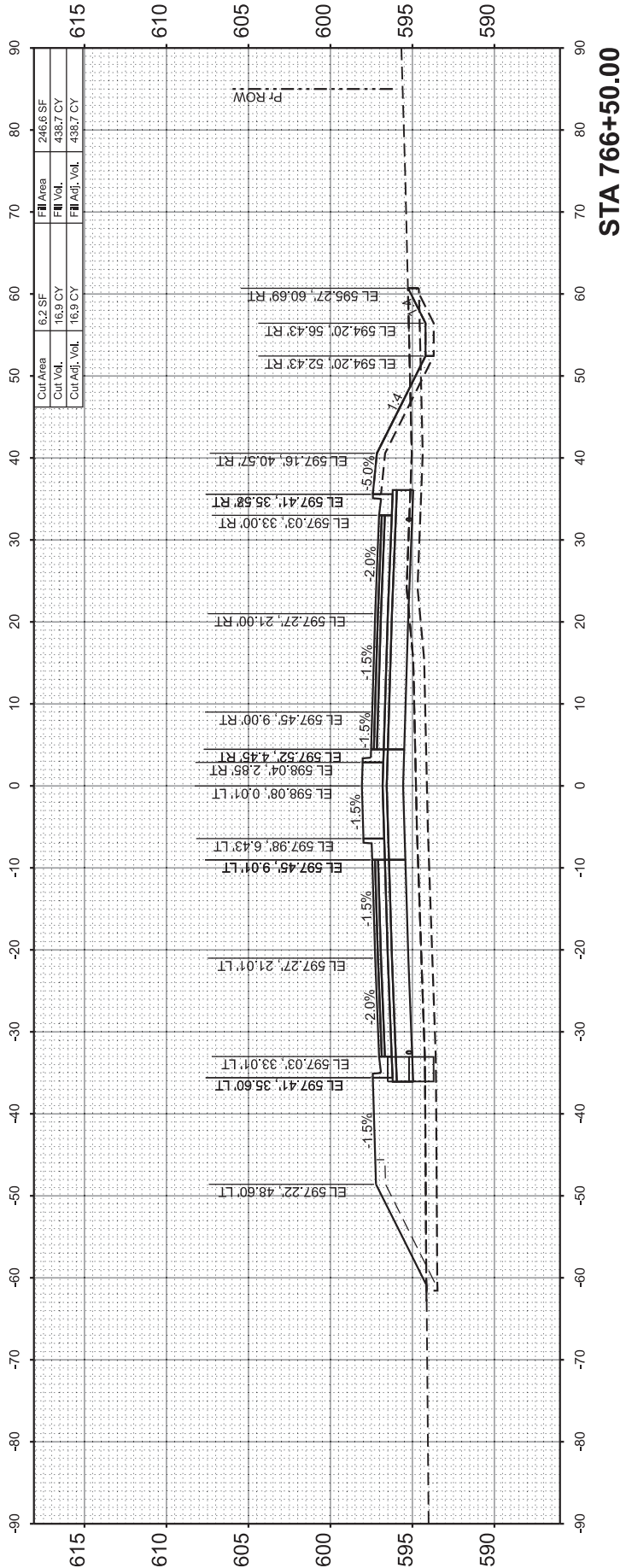
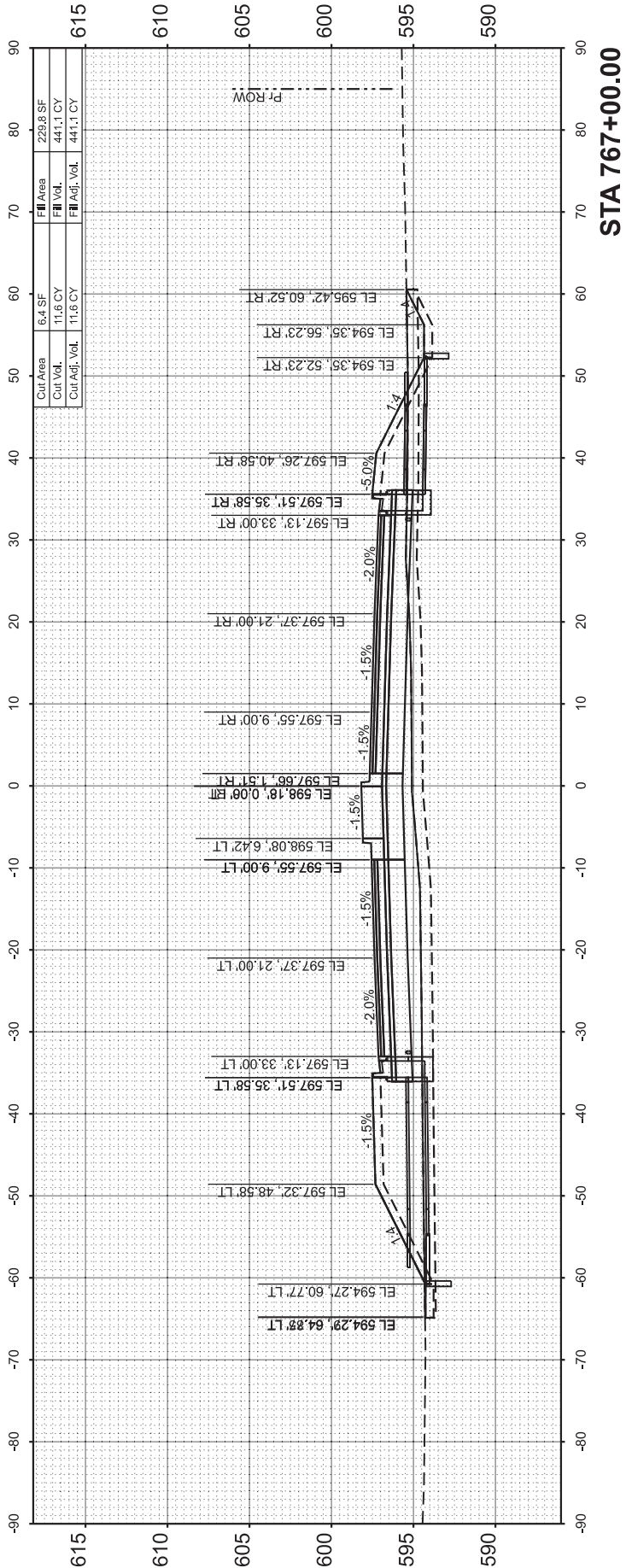
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 36	OF 38 SHEETS	STA. 766+00.00 TO STA. 767+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	92
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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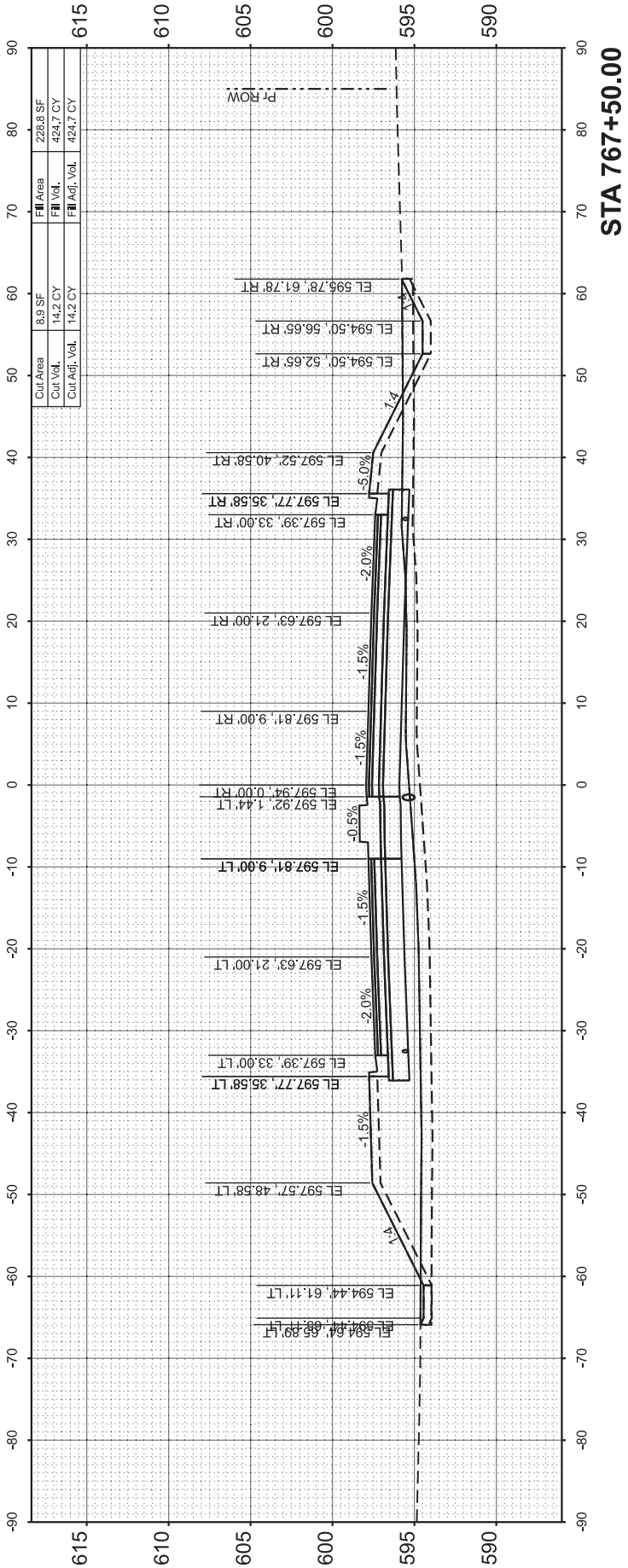
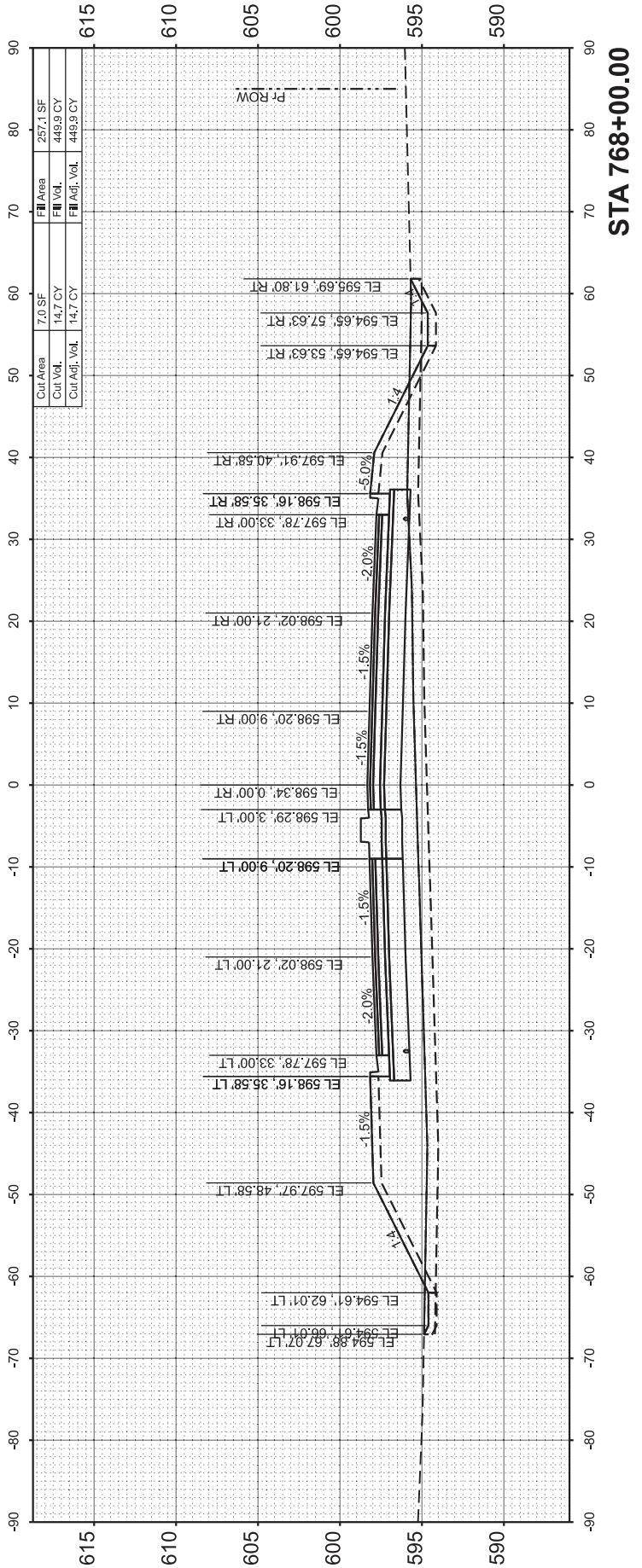
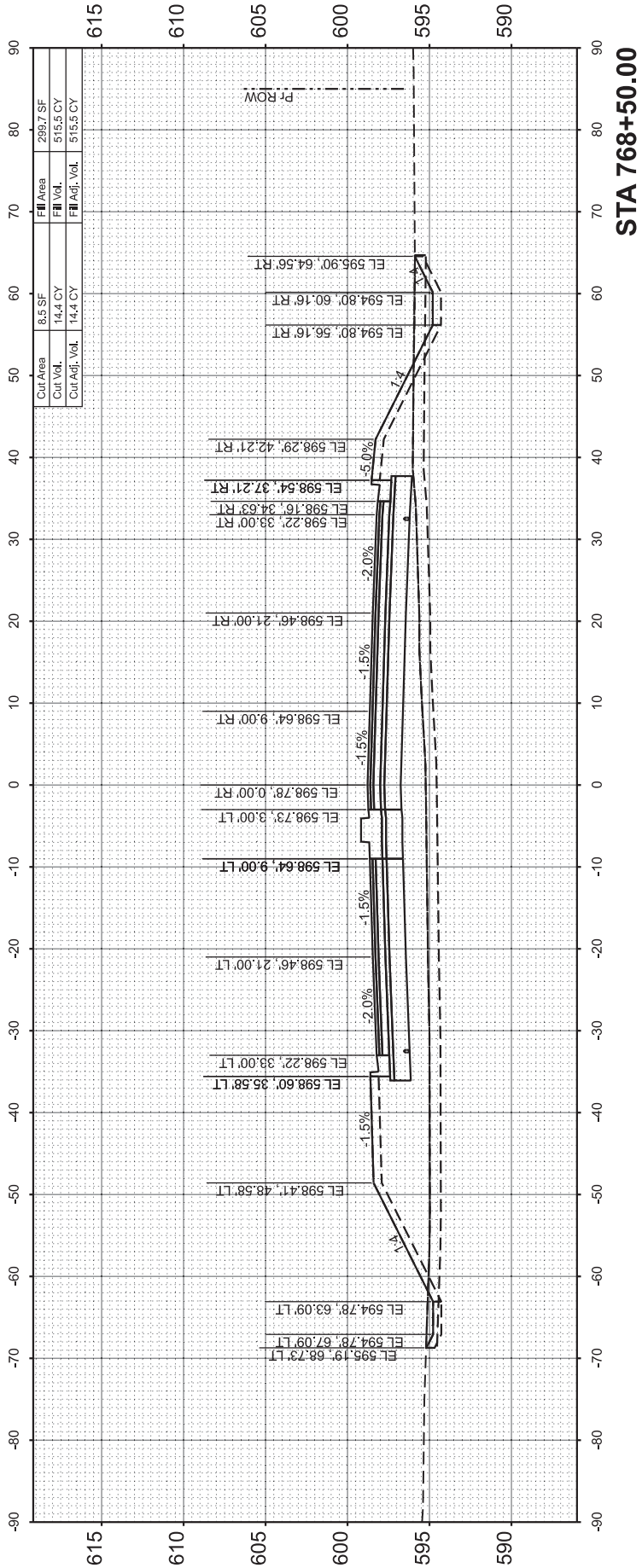
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PLOT SCALE = 0.08333317' / in.	CHECKED -	REVISED -
PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD			
CROSS SECTIONS			
SCALE: 1"=10'	SHEET 37	OF 38 SHEETS	STA. 767+50.00 TO STA. 768+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	93
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	



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

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

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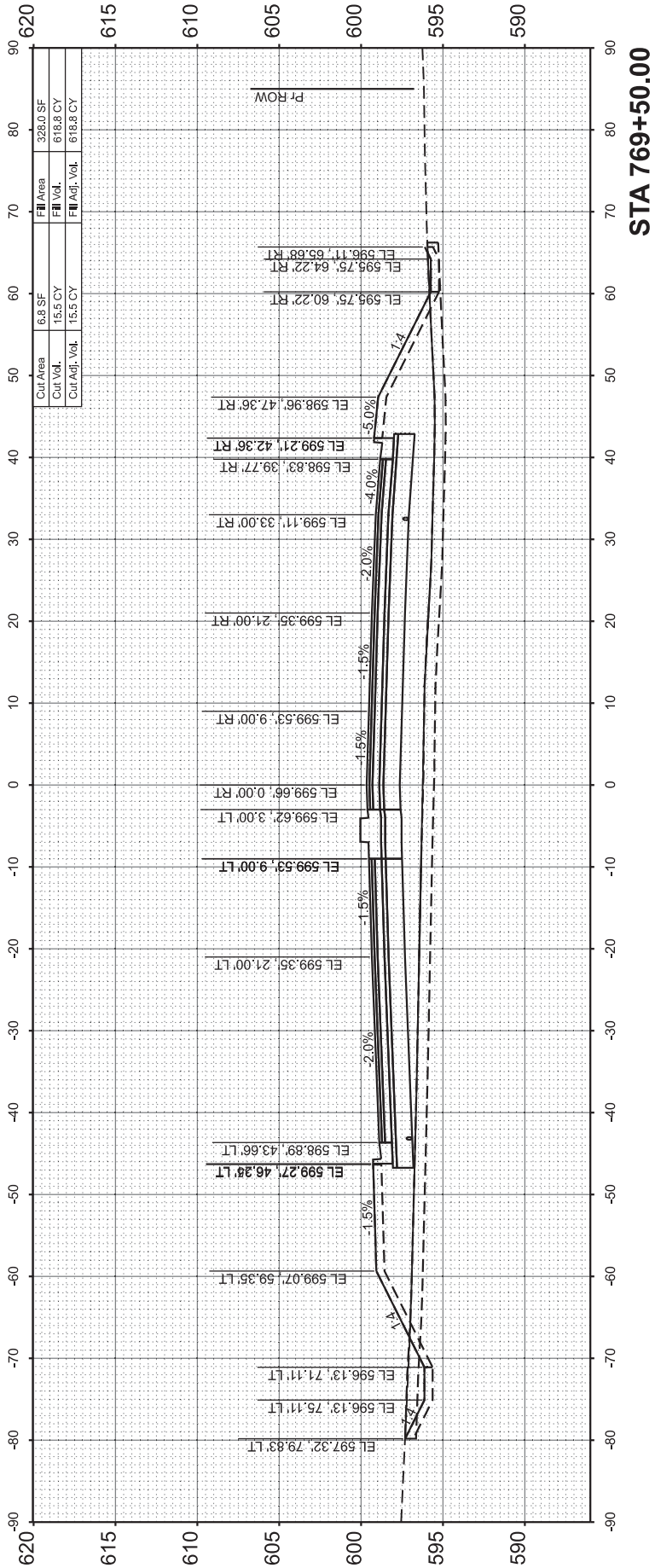
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PLOT DATE = 2/25/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

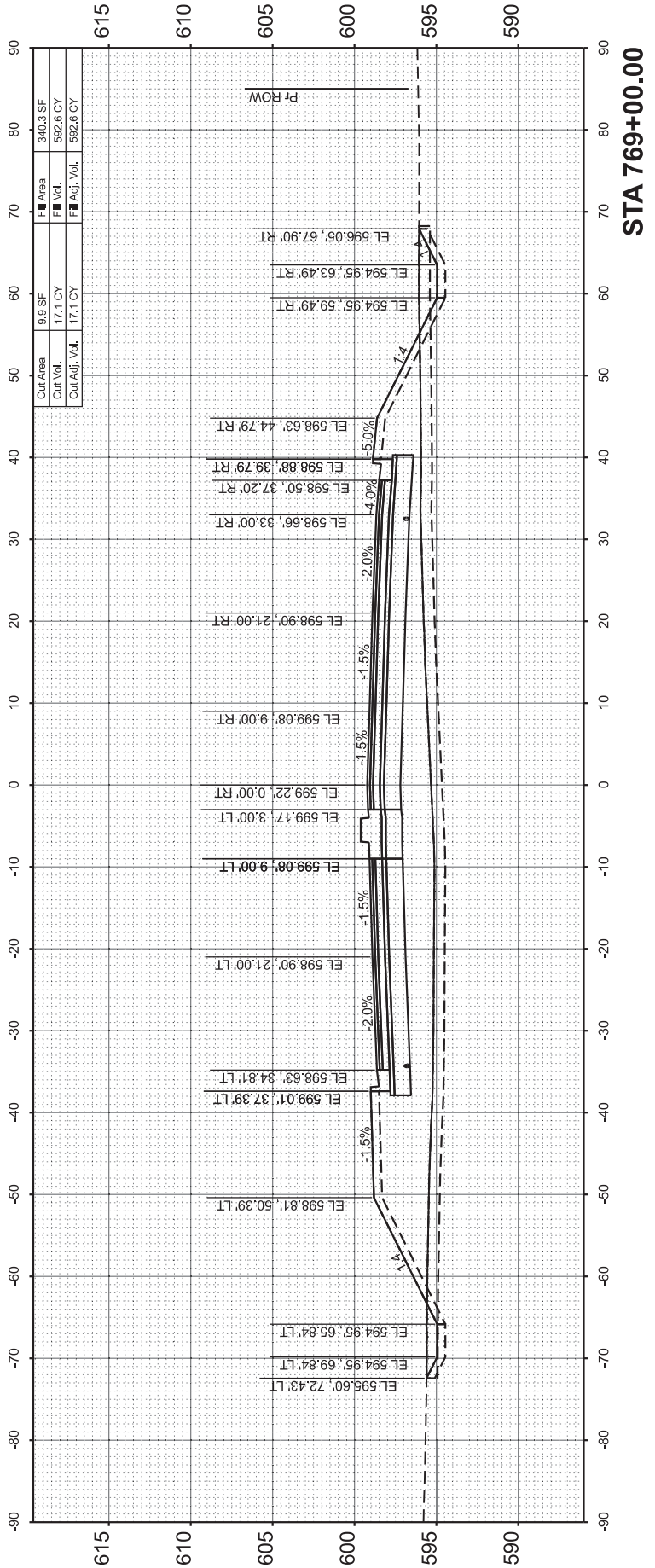
MACARTUR BOULEVARD	
CROSS SECTIONS	
SCALE: 1"=10'	SHEET 38 OF 38 SHEETS
STA. 769+00.00	TO STA. 770+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	94
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		

END OF PROJECT STA 769+94.41

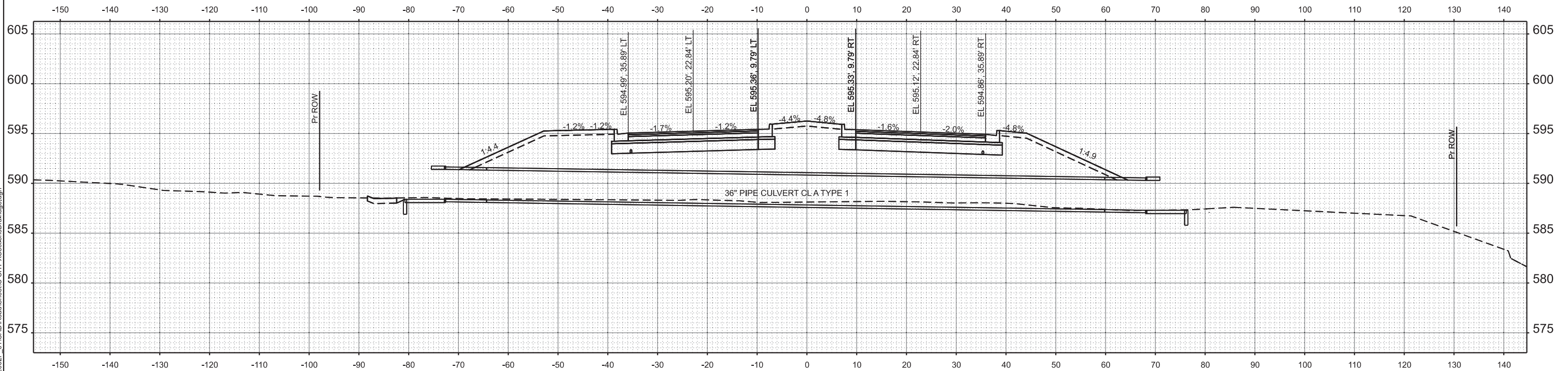


STA 769+50.00



STA 769+00.00

MODEL: Sheet 2
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STA 746+76.81
SKEW ANGLE 23° 09' 17"



USER NAME = hardi02376	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.08333317" / ft.	CHECKED -	REVISED -
PLOT DATE = 12/29/2024	DATE -	REVISED -

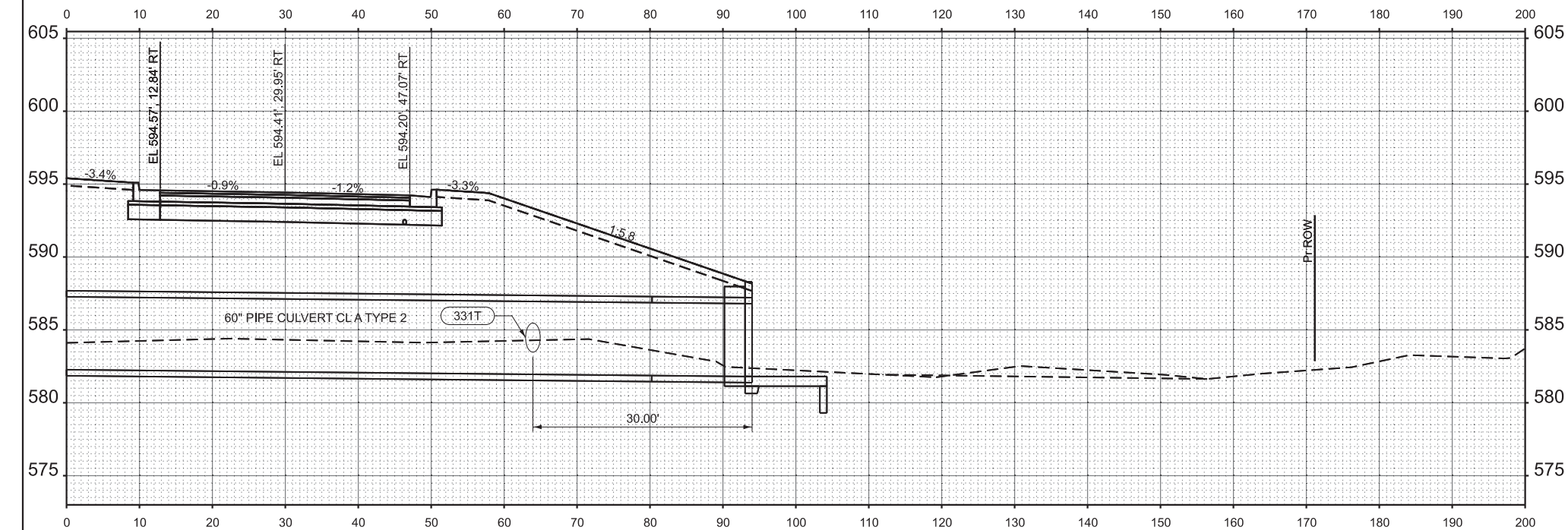
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
DRAINAGE CROSS SECTION - MACARTUR BOULEVARD

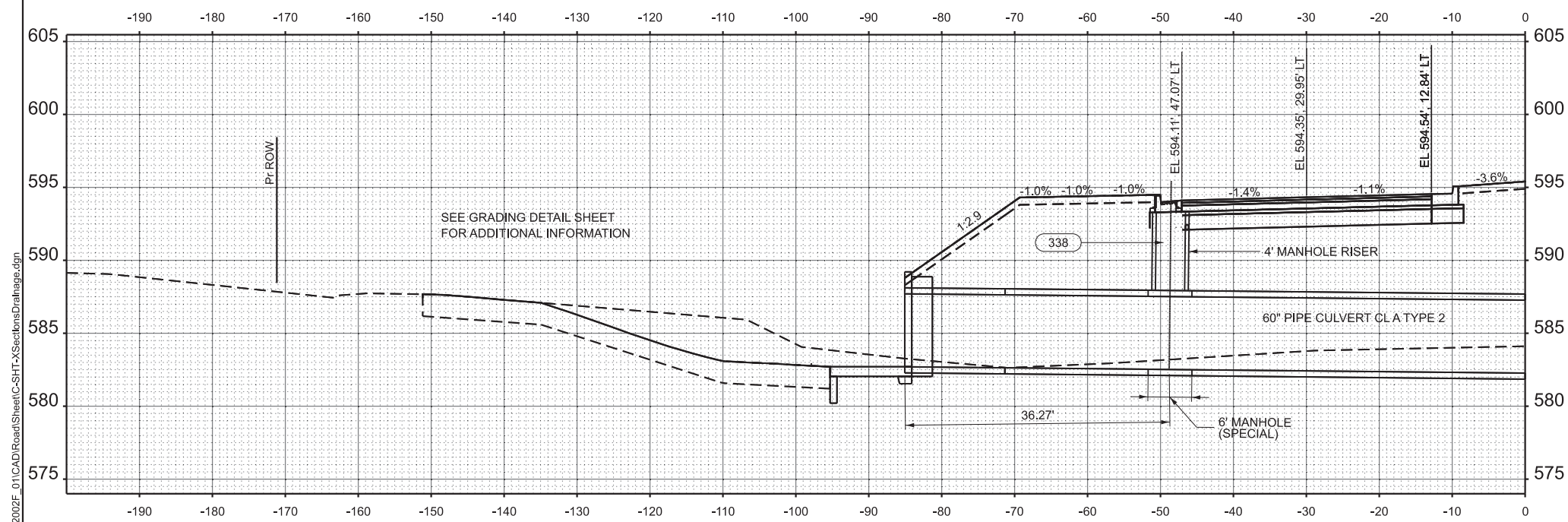
SCALE: 1"=10' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	96
96S2002F_01		CONTRACT NO. 93833		
		ILLINOIS	FED. AID PROJECT	

MODEL: Sheet 3
FILE NAME: I:\96\960202F_01\CAD\Road\Sheet\C-SHT-XSections\Drainage.dgn



STA 748+80.33
SKEW ANGLE 45°



STA 748+80.33
SKEW ANGLE 45°



USER NAME = hardj02376	DESIGNED -	REVISED -
PLOT SCALE = 0.08333317' / in.	DRAWN -	REVISED -
PLOT DATE = 12/29/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MACARTUR BOULEVARD
DRAINAGE CROSS SECTION - MACARTUR BOULEVARD
SCALE: 1"=10'
SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	05-00164-03-FP	SANGAMON	97	97
96S2002F_01		CONTRACT NO. 93833		
ILLINOIS		FED. AID PROJECT		