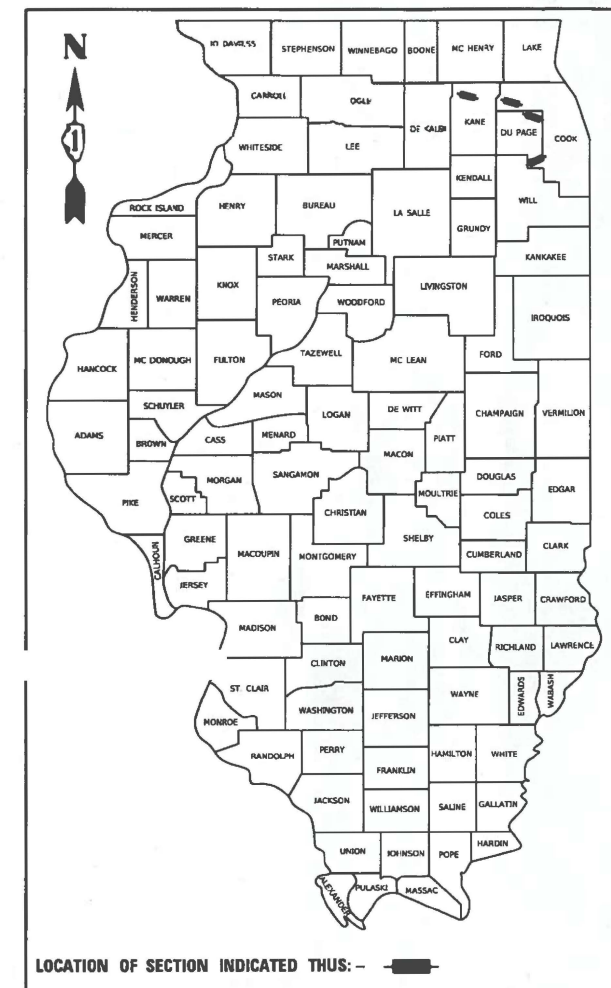


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	1
ILLINOIS			CONTRACT NO. 62V08	

D-91-146-23



PROPOSED HIGHWAY PLANS

FOR INDEX OF SHEETS, SEE SHEET NO. 3

IMPROVEMENTS ARE LOCATED IN THE VILLAGES OF HAMPSHIRE AND HOFFMAN ESTATES, AND THE TOWNSHIP OF BLOOMINGDALE, PALOS AND LEMONT

TRAFFIC DATA:

US ROUTE 20 AT I-355 NB RAMP AND IL 53 (OTHER PRINCIPAL ARTERIAL)

2021 ADT = 32,600 VPD

POSTED AND DESIGN SPEED = 40 MPH /45 MPH

TRAFFIC DATA:

IL ROUTE 72 (OTHER PRINCIPAL ARTERIAL)

2021 ADT = 24,400 VPD

POSTED AND DESIGN SPEED = 45 MPH

TRAFFIC DATA:

IL ROUTE 171 (MINOR ARTERIAL)

2021 ADT = 13,000

POSTED AND DESIGN SPEED = 50 /55 MPH

TRAFFIC DATA:

US ROUTE 20 WEST OF IL RTE 47 (OTHER PRINCIPAL ARTERIAL)

2021 ADT = 8,550 VPD

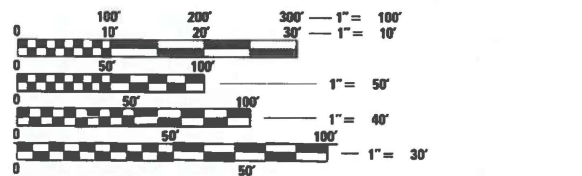
POSTED AND DESIGN SPEED = 55 MPH

ROUTE VARIOUS
SECTION 2023 VAR DRAINAGE

DRAINAGE IMPROVEMENTS
COOK, DUPAGE AND KANE COUNTY

C-91-209-23

FOR LOCATION MAPS, SEE SHEET 2



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

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

PROJECT ENGINEER: DANIEL WILGREEN (847) 705-4240
PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056

CONTRACT NO. 62V08



[Signature] 12/04/2025
Kendy Estimable Date
Illinois Registered Engineer No. 062-071404
Registration Expires Nov. 30, 2027



[Signature] 12/04/2025
Shiraz Tariq Date
Illinois Registered Engineer No. 062-064219
Registration Expires Nov. 30, 2027

wsp
30 N. LASALLE STREET
SUITE 4200
CHICAGO, IL 60602

E LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 12 2025
[Signature]
REGIONAL ENGINEER

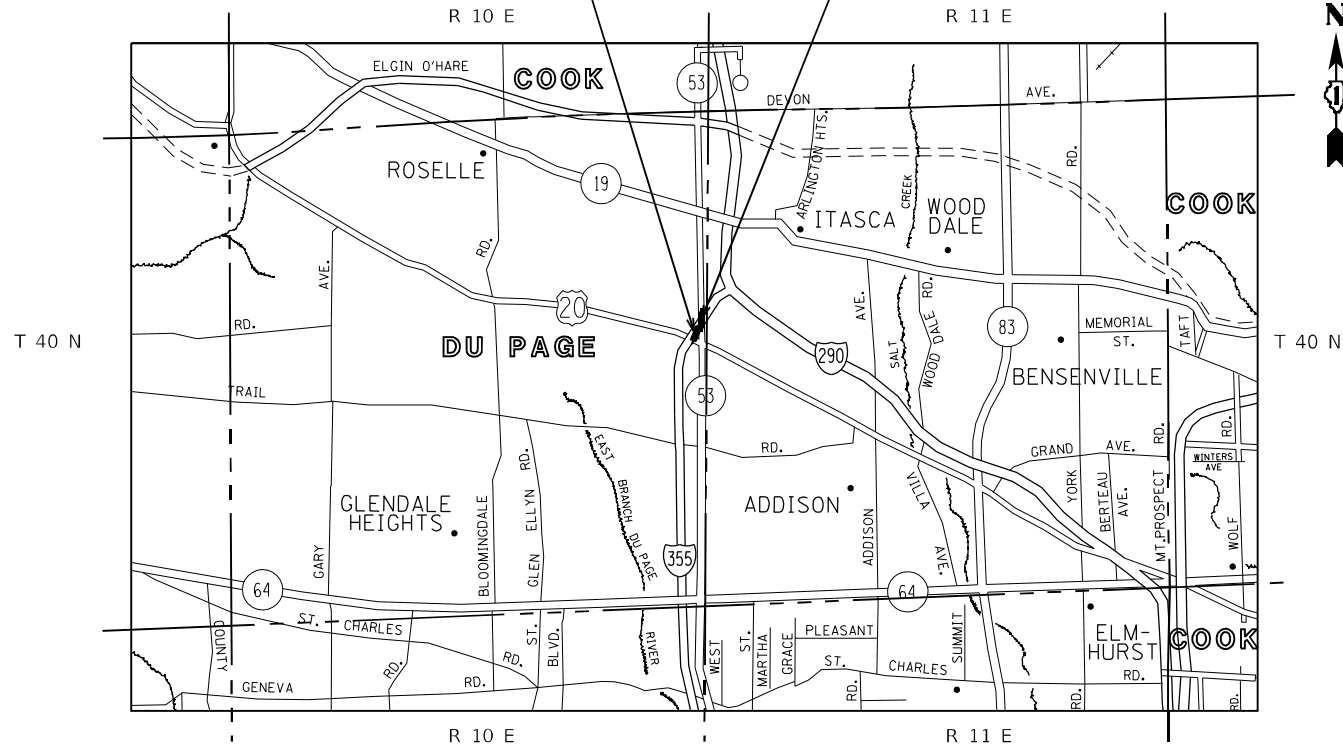
March 20 2026
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

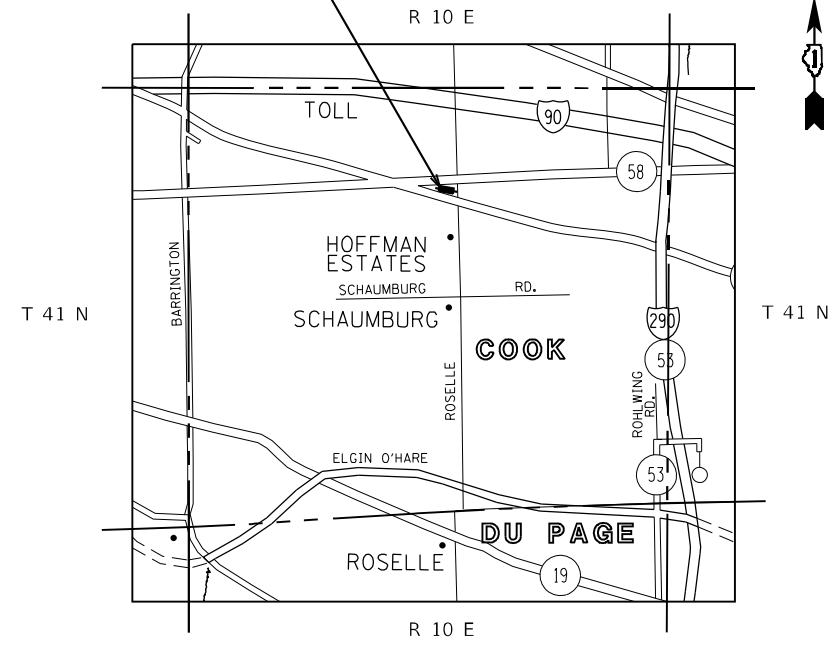
I-355 NB RAMP SITE LOCATIONS
FROM STA. 601+20.79 TO STA. 609+09.87

IL RTE 53 SITE LOCATION
FROM STA. 127+42 TO STA. 133+26



**US ROUTE 20 AT I-355 NB RAMP AND IL ROUTE 53
LOCATION MAP**

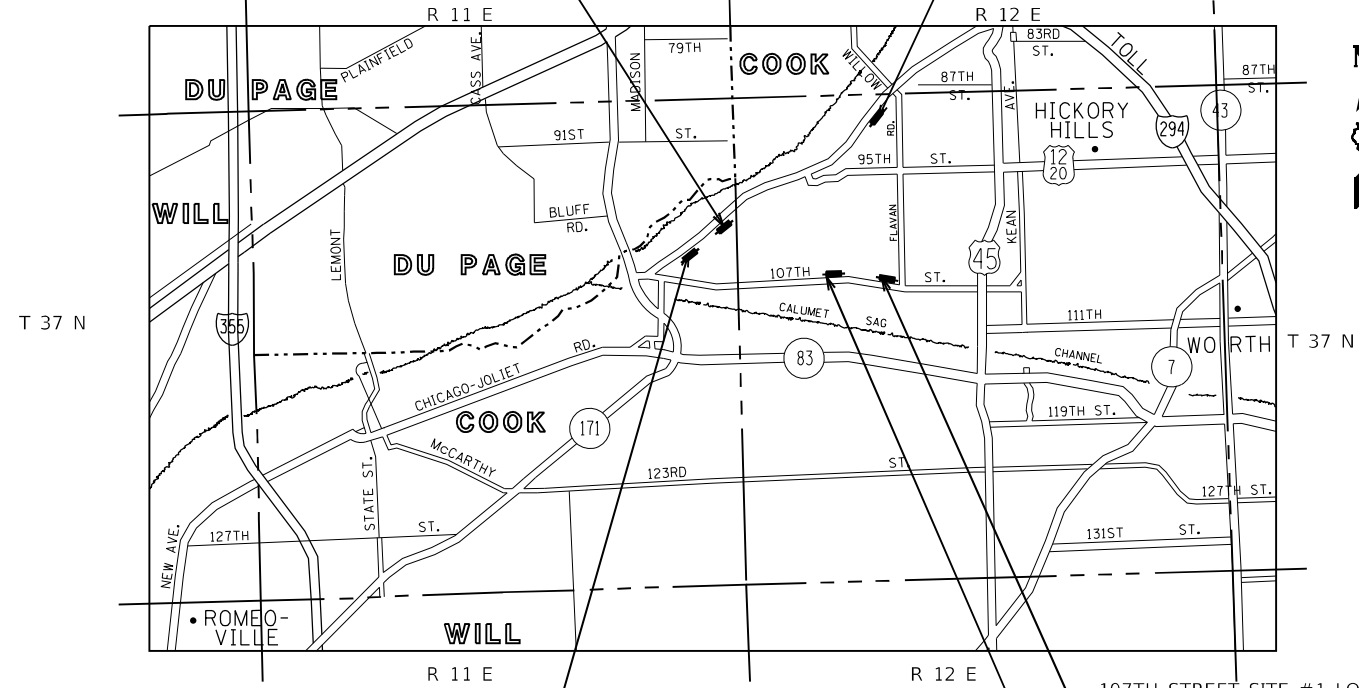
IL RTE 72 SITE LOCATION
FROM STA. 10+46 TO STA. 20+13



**IL ROUTE 72
LOCATION MAP**

IL RTE 171 SITES #4&5 LOCATION
FROM STA. 20+00 TO STA. 28+60
FROM STA. 31+10 TO STA. 32+67

IL RTE 171 SITES #8&9 LOCATION
FROM STA. 70+00 TO STA. 78+83
FROM STA. 80+00 TO STA. 84+73



IL RTE 171 SITE #3 LOCATION
FROM STA. 9+75 TO STA. 16+77

107TH STREET SITE #1 LOCATION
FROM STA. 100+00 TO STA. 106+51

107TH STREET SITE #2 LOCATION
FROM STA. 90+00 TO STA. 97+52
GROSS LENGTH = 7,723.58 FT. = 1.463 MILE
NET LENGTH = 7,723.58 FT. = 1.463 MILE

**IL ROUTE 171 AND 107TH STREET
LOCATION MAP**

BOX CULVERT REPLACEMENT LOCATION
FROM STA. 1+40 TO STA. 1+80

**US ROUTE 20 BOX CULVERT
LOCATION MAP**

MODEL: Default
FILE NAME: p:\wsp\p-15683\15683\15683.dwg
PROJECT: 2050082306 - 15683 Drainage Improvements CAD Sheets\134720.dwg
DATE: 2/1/2026



USER NAME = USKE715271	DESIGNED - MM	REVISD -
	DRAWN - MM	REVISD -
PLOT SCALE = 100,0000' / in.	CHECKED - KE	REVISD -
PLOT DATE = 2/1/2026	DATE - 01/28/2026	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAPS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	2
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	LOCATION MAPS
3	INDEX OF SHEETS, LIST OF HIGHWAY STANDARDS & GENERAL NOTES
4-6	SUMMARY OF QUANTITIES
7	ALIGNMENT, TIES AND BENCHMARKS IL RTE 53
8-9	REMOVAL & PROPOSED PLAN IL RTE 53
10-11	EROSION CONTROL & LANDSCAPE PLAN IL RTE 53
12-13	DRAINAGE PLAN & PROFILE IL RTE 53
14-20	CROSS SECTIONS IL RTE 53
21	ALIGNMENT, TIES AND BENCHMARKS IL RTE 72
22	EXISTING AND PROPOSED TYPICAL SECTIONS IL RTE 72
23	REMOVAL PLAN IL RTE 72
24	PROPOSED PLAN IL RTE 72
25	EROSION CONTROL PLAN IL RTE 72
26	LANDSCAPE PLAN IL RTE 72
27	DRAINAGE TYPICAL SECTIONS IL RTE 72
28	DRAINAGE PLAN & PROFILE IL RTE 72
29	WORK IN-STREAM PLAN IL RTE 72
30-37	CROSS SECTIONS IL RTE 72
38-40	ALIGNMENT, TIES AND BENCHMARKS IL RTE 171
41	EXISTING AND PROPOSED TYPICAL SECTIONS IL RTE 171
42-47	REMOVAL PLAN IL RTE 171
48-53	PROPOSED PLAN IL RTE 171
54-59	EROSION CONTROL PLAN IL RTE 171
60-65	LANDSCAPE PLAN IL RTE 171
66-76	DRAINAGE PLAN & PROFILE IL RTE 171
77	SPECIAL DETAILS IL RTE 171
78-116	CROSS SECTIONS IL RTE 171
117	ALIGNMENT, TIES AND BENCHMARKS US RTE 20 WEST OF IL RTE 47
118	TYPICAL SECTION
119	REMOVAL & PROPOSED PLAN US RTE 20 WEST OF IL RTE 47
120	EROSION CONTROL & LANDSCAPE PLAN US RTE 20 WEST OF IL RTE 47
121	TRAFFIC CONTROL GENERAL NOTES / SEQUENCE OF CONSTRUCTION
122	DETOUR PLAN US RTE 20 WEST OF IL RTE 47
123-128	STRUCTURAL PLANS US RTE 20 WEST OF IL RTE 47
129	BENCHING DETAIL FOR EMBANKMENT WIDENING (BD-51)
130	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
131	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (TC-12)
132	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
133	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TC-14)
134	DETOUR SIGNINGS FOR CLOSING STATE HIGHWAYS (TC-21)
135	ARTERIAL ROAD INFORMATION SIGN (TC-22)
136	DRIVEWAY ENTRANCE SIGNING (TC-26)

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	CLASS C AND D PATCHES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIA
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631033-09	TRAFFIC BARRIER TERMINAL, TYPE 6B
664001-02	CHAIN LINK FENCE
642006-01	SHOULDER RUMBLE STRIPS, 8 in.
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥=45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤=40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 392-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION REQUIRED). IDOT FACILITIES ARE NOT LOCATED BY JULIE OR DIGGER. IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING, FIBER OPTIC, ITS EQUIPMENT, TRAFFIC SIGNAL AND PUMP STATION FACILITIES ARE LOCATED BY THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR. CONTACT MEADE ELECTRIC COMPANY AT 773-287-7672. CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT FACILITIES. ADDITIONAL REQUEST MAY BE MADE AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF ROSELLE, ITASCA, WOOD DALE, ADDISON, HOFFMAN ESTATES, PALOS, LEMONT, HAMPSHIRE, AND STARKS.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS 14 DAYS IN ADVANCE BEFORE THE REMOVAL AND REPLACEMENT OF THE CULVERT ALONG US ROUTE 20.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS ALL CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR, KALPANA KANNAN-HOSADURGA AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- FOR COOK COUNTY, CONTACT PATRICE HARRIS AT PATRICE.HARRIS@ILLINOIS.GOV; FOR WILL COUNTY, CONTACT ERIC CAMPOS AT ERIC.CAMPOS@ILLINOIS.GOV
- PRIOR TO STARTING WORK ON THE IL 171 & 107TH STREET SITES, THE CONTRACTOR MUST CONTACT THE FOREST PRESERVES OF COOK COUNTY—PALOS DIVISION AT 708-839-5617.
- TOP OF GRATE ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAME/GRATES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION.
- PROPERTIES AND CHANNELS ADJOINING THE SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGICAL DISTURBANCE OF UPLAND AREAS.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN ONE (1) CALENDAR DAY FOLLOWING THE END OF ACTIVE HYDROLOGICAL DISTURBANCE.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE WORKING CONDITION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES-MAINTENANCE GUIDE.
- THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN INSTREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL TREES WILL BE REMOVED UNDER SEPARATE IDOT CONTRACT 62Y06.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION SHALL BE WOVEN.
- THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE CS 01 OR RR 1.
- THE ENGINEER SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH CONTRACT 60R94 TO COMPLETE WORK ITEMS AT IL RTE 171.
- THE ENGINEER SHALL COORDINATE CONSTRUCTION ACTIVITIES FOR THE US 20 (WEST OF IL 47)CULVERT LOCATION WITH KANE COUNTY DIVISION OF TRANSPORTATION (KDOT) A MINIMUM OF 2 WEEKS PRIOR TO WORK BEGINNING. CONTACT DAVID BOESCH AT (630) 845-7875 OR KEN MIELKE AT (630) 406-3138.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
HMA PAVEMENT (FD) 10"	HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"	4% @ 70 GYR.	QC/QA
	HMA Base Course, IL-19.0, N70, 8"	4% @ 70 GYR.	QC/QA
HMA SHOULDER 10"	HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"	4% @ 70 GYR.	QC/QA
	HMA Base Course, IL-19.0, N70, 8"	4% @ 70 GYR.	QC/QA
HMA SHOULDER 8"	HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"	4% @ 70 GYR.	QC/QA
	HMA Base Course, IL-19.0, N70, 6"	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)			

NOTES:

- UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
- THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22", UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

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	PLOT SCALE = 100.0000' / in.	CHECKED - KE	REVISED -		SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. TO STA.	VAR	2023 VAR DRAINAGE	VARIOUS	136	3
	PLOT DATE = 3/10/2026	DATE - 03/10/2026	REVISED -					ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	DUPAGE	KANE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				IL RTE 171	IL RTE 72	US RTE 20	US RTE 20
				ROADWAY	ROADWAY	ROADWAY	CULVERT
				0004	0004	0004	0004
				URBAN	URBAN	URBAN	URBAN
20101100	TREE TRUNK PROTECTION	EACH	66	62	2	2	
20200100	EARTH EXCAVATION	CU YD	2,930	2,145	520	215	50
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	790	590	85	95	20
20300100	CHANNEL EXCAVATION	CU YD	635		635		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	38		38		
20800150	TRENCH BACKFILL	CU YD	10			10	
21000310	GRANULAR EMBANKMENT, SPECIAL	SQ YD	90		90		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	743		307	226	210
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	9,836	7,442		2,187	207
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,147		1,147		
21400100	GRADING AND SHAPING DITCHES	FOOT	5,481	4,719		662	100
* 25000115	SEEDING, CLASS 1B	ACRE	2.00	2.00			
* 25000210	SEEDING, CLASS 2A	ACRE	1.00		0.25	0.50	0.25
* 25000300	SEEDING, CLASS 3	ACRE	0.75	0.25	0.25	0.25	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	236	171	25	36	4
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	236	171	25	36	4
* 25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	8,729	6,175	651	1,696	207
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	307	230	27	44	6
* 28000305	TEMPORARY DITCH CHECKS	FOOT	930	742		132	56
* 28000315	AGGREGATE DITCH CHECKS	TON	66	66			
* 28000400	PERIMETER EROSION BARRIER	FOOT	11,038	9,209	945	739	145
* 28000500	INLET AND PIPE PROTECTION	EACH	15	10	2	2	1
* 28000510	INLET FILTERS	EACH	2	1	1		
* 28001105	TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	14,691	10,957	1,290	2,187	257
28100105	STONE RIPRAP, CLASS A3	SQ YD	1,046	630	416		

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	DUPAGE	KANE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				IL RTE 171	IL RTE 72	US RTE 20	US RTE 20
				ROADWAY	ROADWAY	ROADWAY	CULVERT
				0004	0004	0004	0004
				URBAN	URBAN	URBAN	URBAN
28100107	STONE RIPRAP, CLASS A4	SQ YD	551	448	19	84	
28100109	STONE RIPRAP, CLASS A5	SQ YD	564		564		
28200200	FILTER FABRIC	SQ YD	1,597	1,078	435	84	
28400100	GABIONS	CU YD	105		105		
28401000	SLOPE MATTRESS, 12"	SQ YD	133		133		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	20			12	8
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	433			226	207
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	706			388	318
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	706			388	318
40600370	LONGITUDINAL JOINT SEALANT	FOOT	100				100
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	140				140
44000100	PAVEMENT REMOVAL	SQ YD	50				50
44004250	PAVED SHOULDER REMOVAL STRUCTURES	SQ YD	226			226	
48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	10				10
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	5			5	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	226			226	
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	45				45
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1				1
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	84				84
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	2		2		
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1,170				1,170
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2				2
54010302	PRECAST CONCRETE BOX CULVERT, 3' X 2'	FOOT	39				39
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1			1	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	15			15	

* SPECIALTY ITEM



USER NAME = USKE715271	DESIGNED - MM	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN - MM	REVISED -
PLOT DATE = 2/1/2026	CHECKED - KE	REVISED -
	DATE - 01/28/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	4
			CONTRACT NO. 62V08	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	DUPAGE	KANE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				IL RTE 171	IL RTE 72	US RTE 20	US RTE 20
				ROADWAY	ROADWAY	ROADWAY	CULVERT
				0004	0004	0004	0004
				URBAN	URBAN	URBAN	URBAN
55100200	STORM SEWER REMOVAL 6"	FOOT	4		4		
55100500	STORM SEWER REMOVAL 12"	FOOT	19		5	14	
55100700	STORM SEWER REMOVAL 15"	FOOT	15			15	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	27				27
60255500	MANHOLES TO BE ADJUSTED	EACH	1		1		
60402210	GRATES, TYPE 8	EACH	1	1			
60920015	PIPE CULVERTS TO BE CLEANED 15"	FOOT	19	19			
60920018	PIPE CULVERTS TO BE CLEANED 18"	FOOT	64	64			
60920030	PIPE CULVERTS TO BE CLEANED 30"	FOOT	18	18			
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	37.5			37.5	
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1			1	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1			1	
63200310	GUARDRAIL REMOVAL	FOOT	112.5			112.5	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	100				100
66400205	CHAIN LINK FENCE, 5'	FOOT	1,723	1,605		118	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2,075	950	800	250	75
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	8	2	2	2	2
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.25	0.25	0.25	0.25
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.25	0.25	0.25	0.25
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	13	6	3	2	2
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	0.34	0.33	0.33	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1.00			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.50			0.50
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1			1.00	

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	DUPAGE	KANE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				IL RTE 171	IL RTE 72	US RTE 20	US RTE 20
				ROADWAY	ROADWAY	ROADWAY	CULVERT
				0004	0004	0004	0004
				URBAN	URBAN	URBAN	URBAN
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.50			0.50
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1		0.50	0.50	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		1.00		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		0.50	0.50	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		1.00		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	200				200
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	67				67
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1			1.00	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	200				200
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2				2
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	1			1	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2				2
K0036120	MULCH PLACEMENT 4"	SQ YD	20		20		
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	672				672
X2010400	STUMP REMOVAL ONLY	EACH	2,081	1,986	79	16	
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	161				161
X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	2.00	2.00			
X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	2.00	2.00			
X5400005	BOX CULVERT REMOVAL	FOOT	42				42
X5427600	REMOVE AND RELOCATE END SECTIONS	EACH	2		2		
X5510008	STORM SEWER REPAIR	FOOT	50				50
X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	89				89
X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	583				583
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	27				27

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

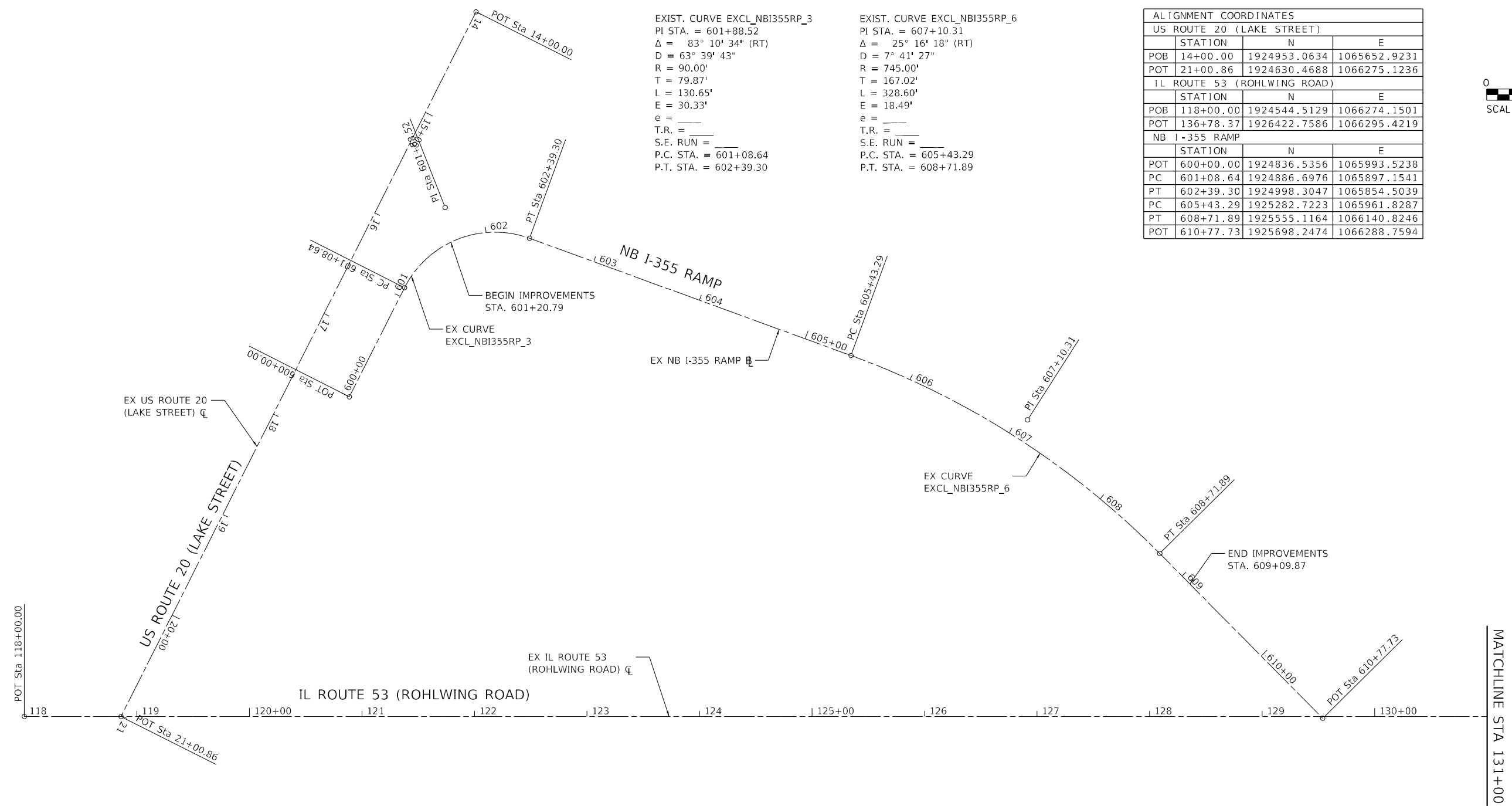
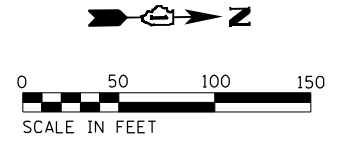
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	5
			CONTRACT NO. 62V08	
		ILLINOIS FED. AID PROJECT		

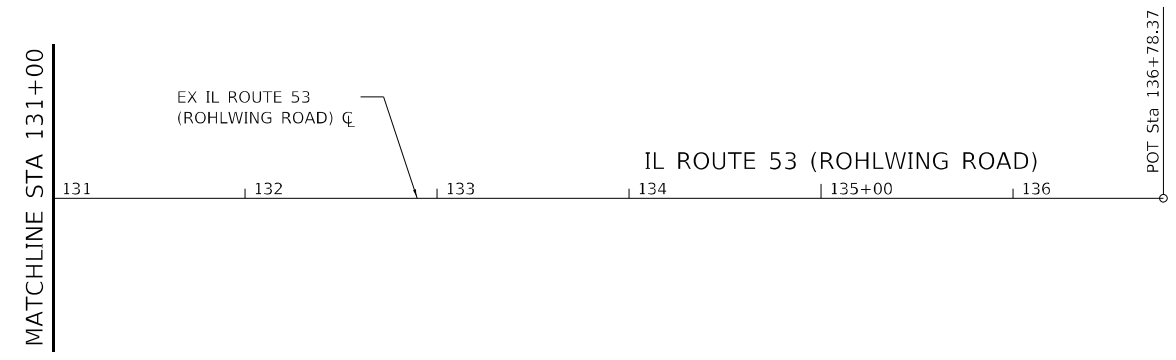
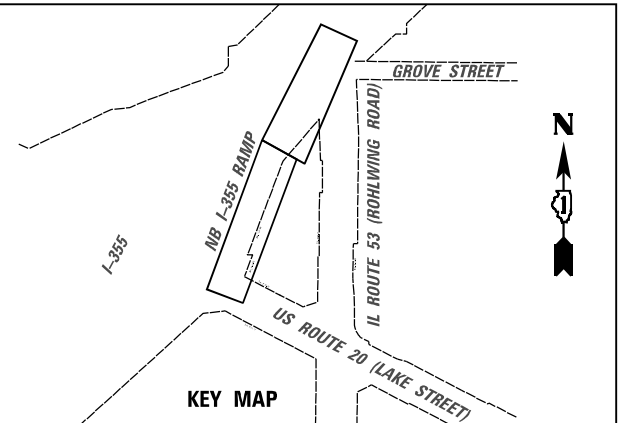
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 PI STA. = 601+88.52
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 $D = 63^\circ 39' 43''$
 $R = 90.00'$
 $T = 79.87'$
 $L = 130.65'$
 $E = 30.33'$
 $e = ______$
 $T.R. = ______$
 $S.E. RUN = ______$
 $P.C. STA. = 601+08.64$
 $P.T. STA. = 602+39.30$

EXIST. CURVE EXCL_NBI355RP_6
 PI STA. = 607+10.31
 $\Delta = 25^\circ 16' 18''$ (RT)
 $D = 7^\circ 41' 27''$
 $R = 745.00'$
 $T = 167.02'$
 $L = 328.60'$
 $E = 18.49'$
 $e = ______$
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 $S.E. RUN = ______$
 $P.C. STA. = 605+43.29$
 $P.T. STA. = 608+71.89$

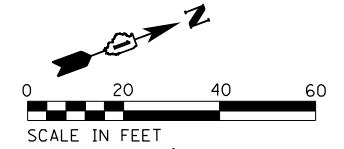
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US ROUTE 20 (LAKE STREET)			
STATION	N	E	
POB 14+00.00	1924953.0634	1065652.9231	
POT 21+00.86	1924630.4688	1066275.1236	
IL ROUTE 53 (ROHLWING ROAD)			
STATION	N	E	
POB 118+00.00	1924544.5129	1066274.1501	
POT 136+78.37	1926422.7586	1066295.4219	
NB I-355 RAMP			
STATION	N	E	
POT 600+00.00	1924836.5356	1065993.5238	
PC 601+08.64	1924886.6976	1065897.1541	
PT 602+39.30	1924998.3047	1065854.5039	
PC 605+43.29	1925282.7223	1065961.8287	
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POT 610+77.73	1925698.2474	1066288.7594	



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PLOT DATE = 12/8/2025	DATE = 12/10/2025	REVISED -							ILLINOIS FED. AID PROJECT		



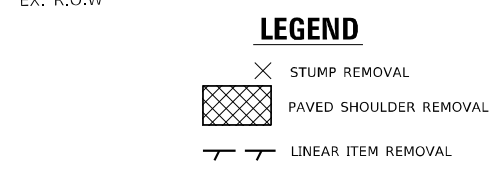
**BEGIN IMPROVEMENTS
STA. 601 + 20.79**

US ROUTE 20 (LAKE STREET)

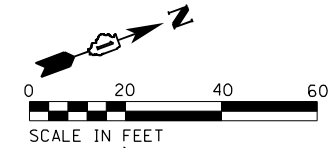
NB I-355 RAMP

GUARDRAIL REMOVAL

MATCHLINE STATION 606+50.00



EXIST & REMOVAL PLAN



**BEGIN IMPROVEMENTS
STA. 601 + 20.79**

US ROUTE 20 (LAKE STREET)

NB I-355 RAMP

PROP. 8' HMA SHOULDERS 8"
PROP. 3' AGG. WEDGE SHLD, TYBE B
PROP. TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
PROP. SPBG, TYPE A, 6FT POSTS
PROP. TRAFFIC BARRIER TERMINAL, TYPE 6B
PROP. DR. STRUCTURE TO BE RECONSTRUCTED

MATCHLINE STATION 606+50.00

GRADING AND SHAPING DITCHES
(21400100) 453'

LIMIT OF CONSTRUCTION

PROPOSED PLAN

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PLOT DATE = 1/23/2026	CHECKED - KE	REVISED -
	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 20 WEST OF IL 47
REMOVAL & PROPOSED PLAN**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 601+20.79 TO STA. 606+49.24

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	8
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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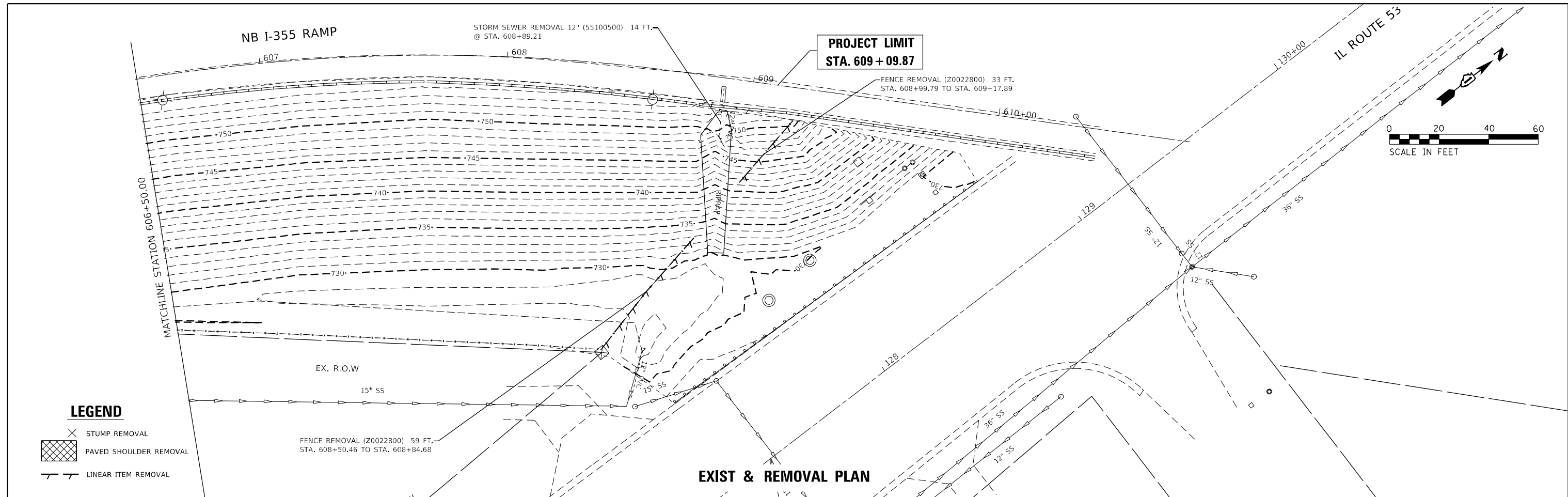
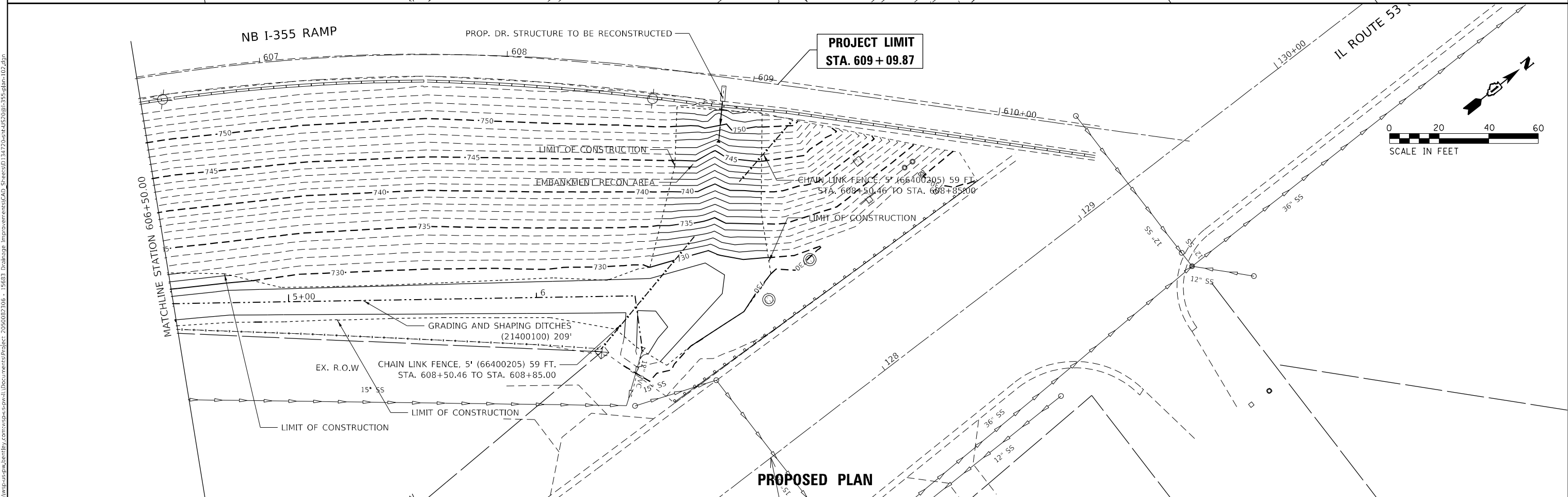


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

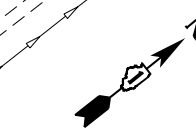
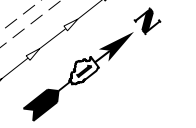
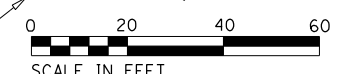
US ROUTE 20 AT NB I-355 RAMP & IL 53 REMOVAL & PROPOSED PLAN		
SCALE: 1"=20'	SHEET 2 OF 2 SHEETS	STA. 606+49.24 TO STA. 609+09.87

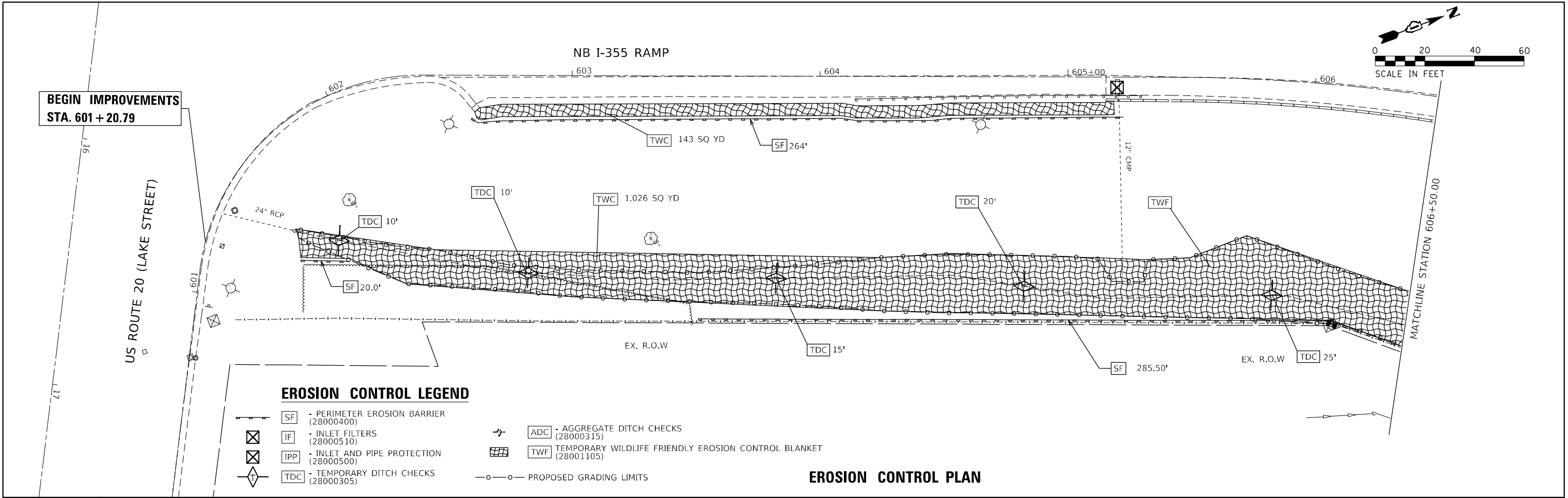
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			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



LEGEND

- STUMP REMOVAL
- PAVED SHOULDER REMOVAL
- LINEAR ITEM REMOVAL

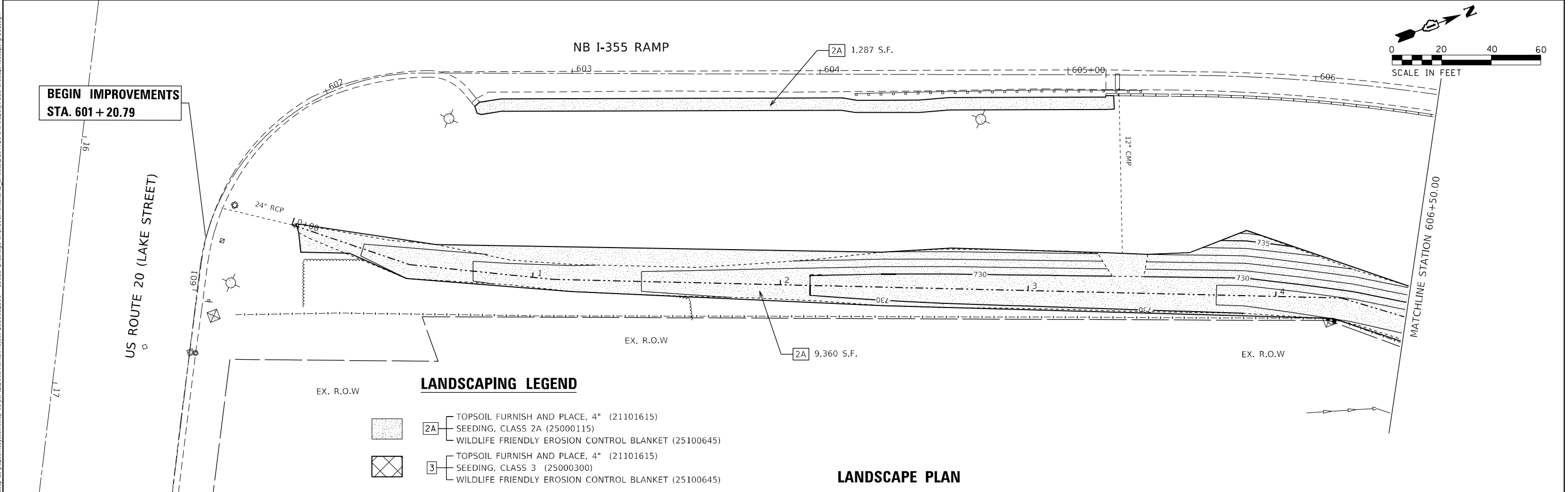




EROSION CONTROL LEGEND

- SF - PERIMETER EROSION BARRIER (28000400)
- IF - INLET FILTERS (28000510)
- IPP - INLET AND PIPE PROTECTION (28000500)
- TDC - TEMPORARY DITCH CHECKS (28000305)
- ADC - AGGREGATE DITCH CHECKS (28000315)
- TWF - TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET (28001105)
- PROPOSED GRADING LIMITS

EROSION CONTROL PLAN



LANDSCAPING LEGEND

- 2A TOPSOIL FURNISH AND PLACE, 4" (21101615)
SEEDING, CLASS 2A (25000115)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
- 3 TOPSOIL FURNISH AND PLACE, 4" (21101615)
SEEDING, CLASS 3 (25000300)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)

LANDSCAPE PLAN

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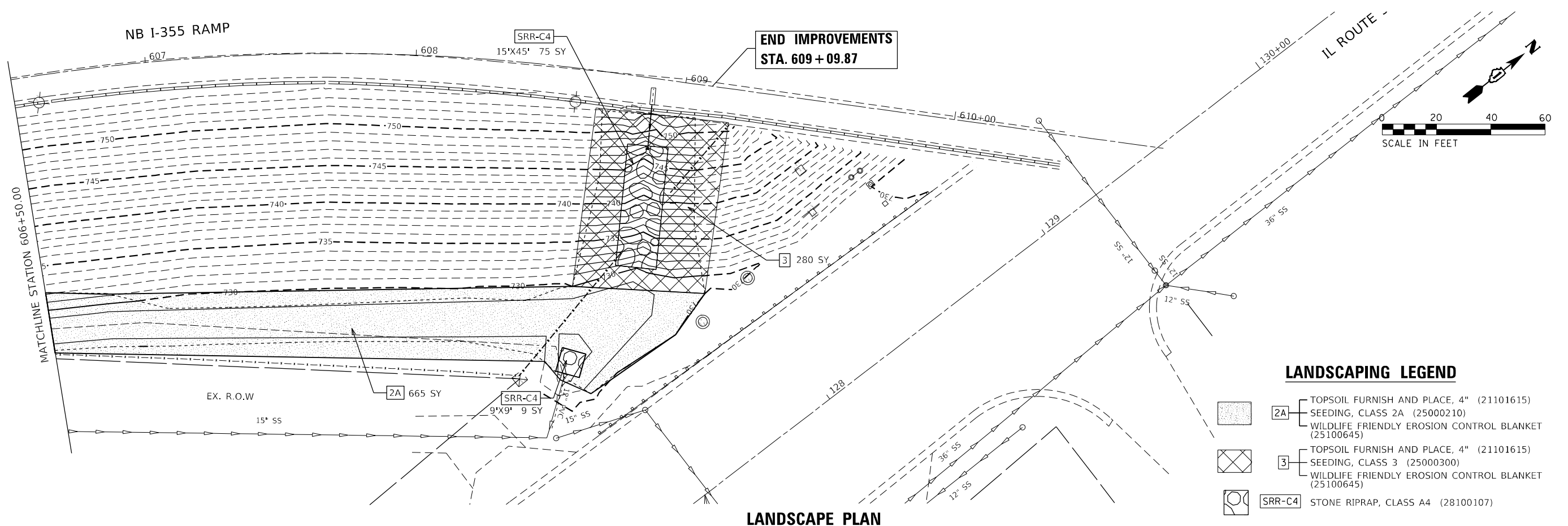
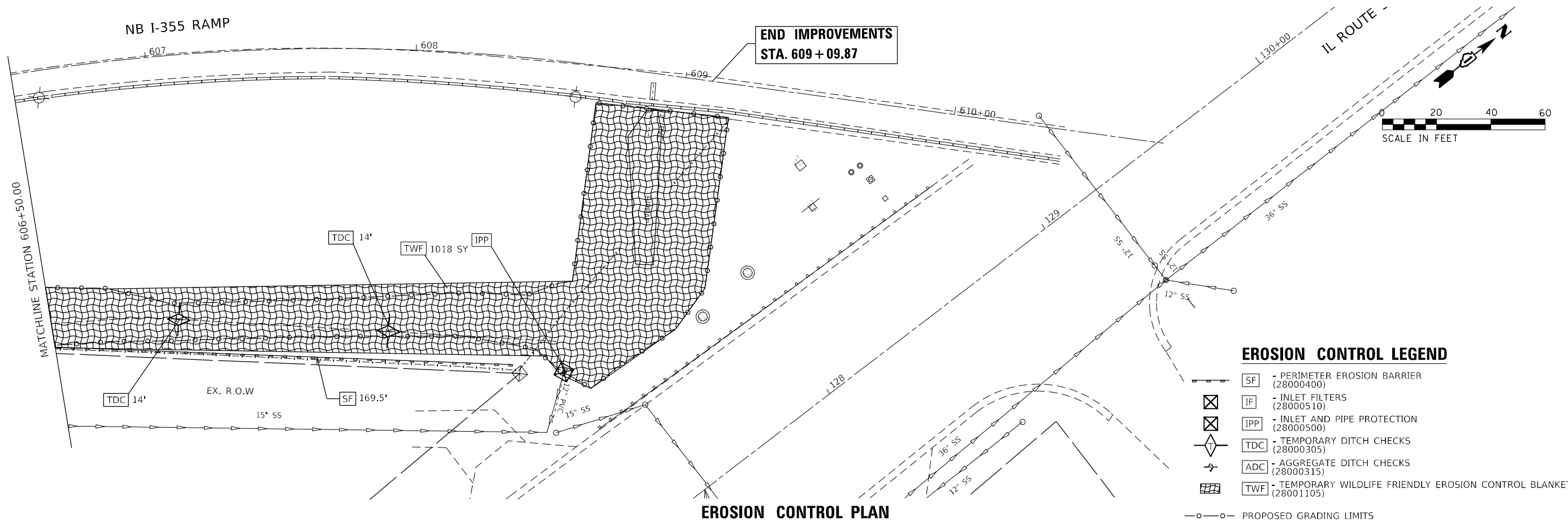
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PLOT DATE = 1/27/2026	CHECKED - KE	REVISED -
	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 20 WEST OF IL 47
EROSION CONTROL & LANDSCAPE PLAN**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 601+20.79 TO STA. 606+49.24

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	10
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				



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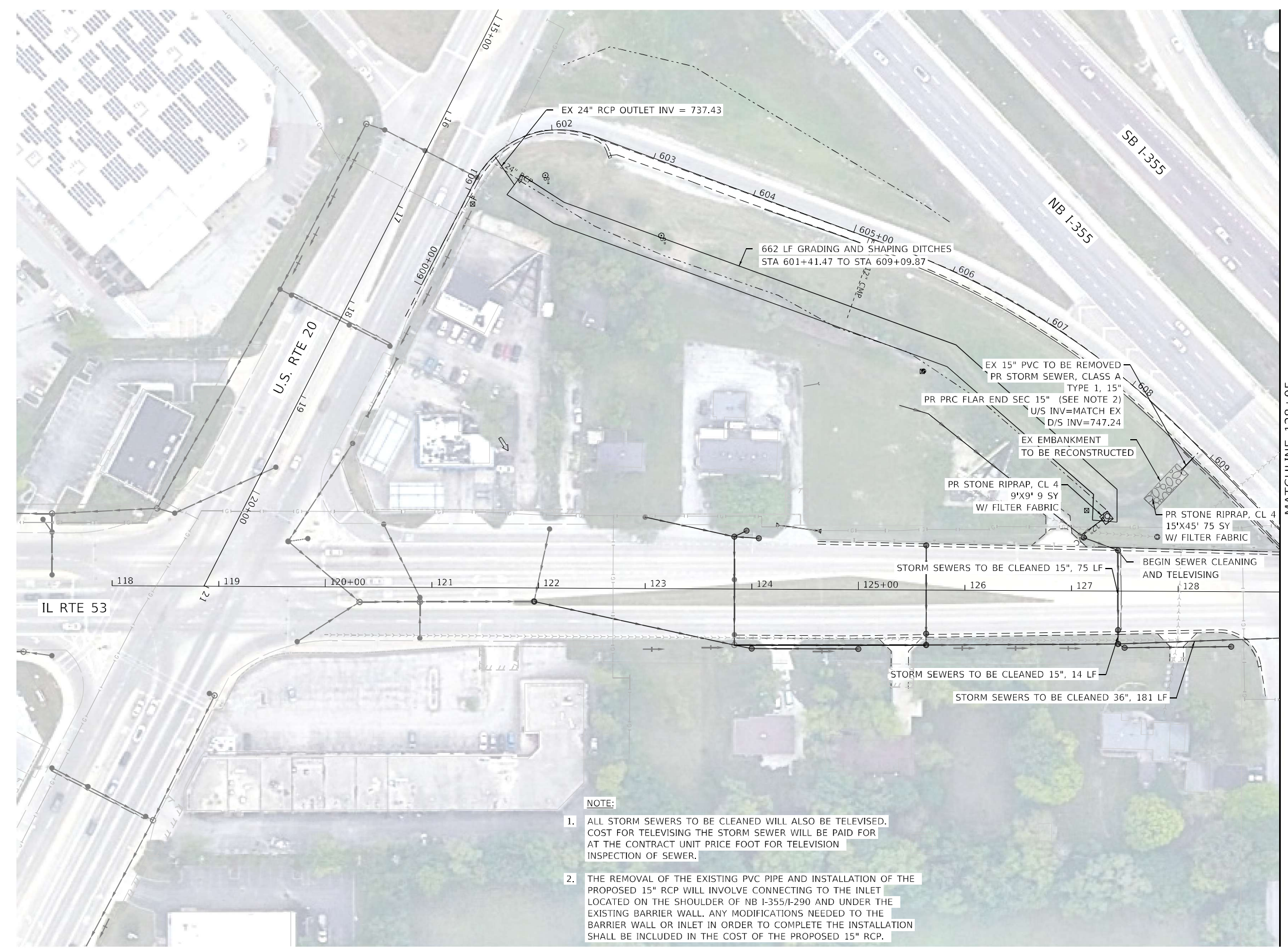
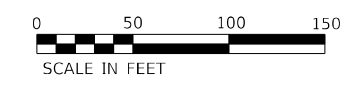
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 20 AT NB I-355 RAMP & IL 53
EROSION CONTROL & LANDSCAPE PLAN**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 606+49.24 TO STA. 609+09.87

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	11
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



- NOTE:**
1. ALL STORM SEWERS TO BE CLEANED WILL ALSO BE TELEVISED. COST FOR TELEVISIONING THE STORM SEWER WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOOT FOR TELEVISION INSPECTION OF SEWER.
 2. THE REMOVAL OF THE EXISTING PVC PIPE AND INSTALLATION OF THE PROPOSED 15" RCP WILL INVOLVE CONNECTING TO THE INLET LOCATED ON THE SHOULDER OF NB I-355/I-290 AND UNDER THE EXISTING BARRIER WALL. ANY MODIFICATIONS NEEDED TO THE BARRIER WALL OR INLET IN ORDER TO COMPLETE THE INSTALLATION SHALL BE INCLUDED IN THE COST OF THE PROPOSED 15" RCP.

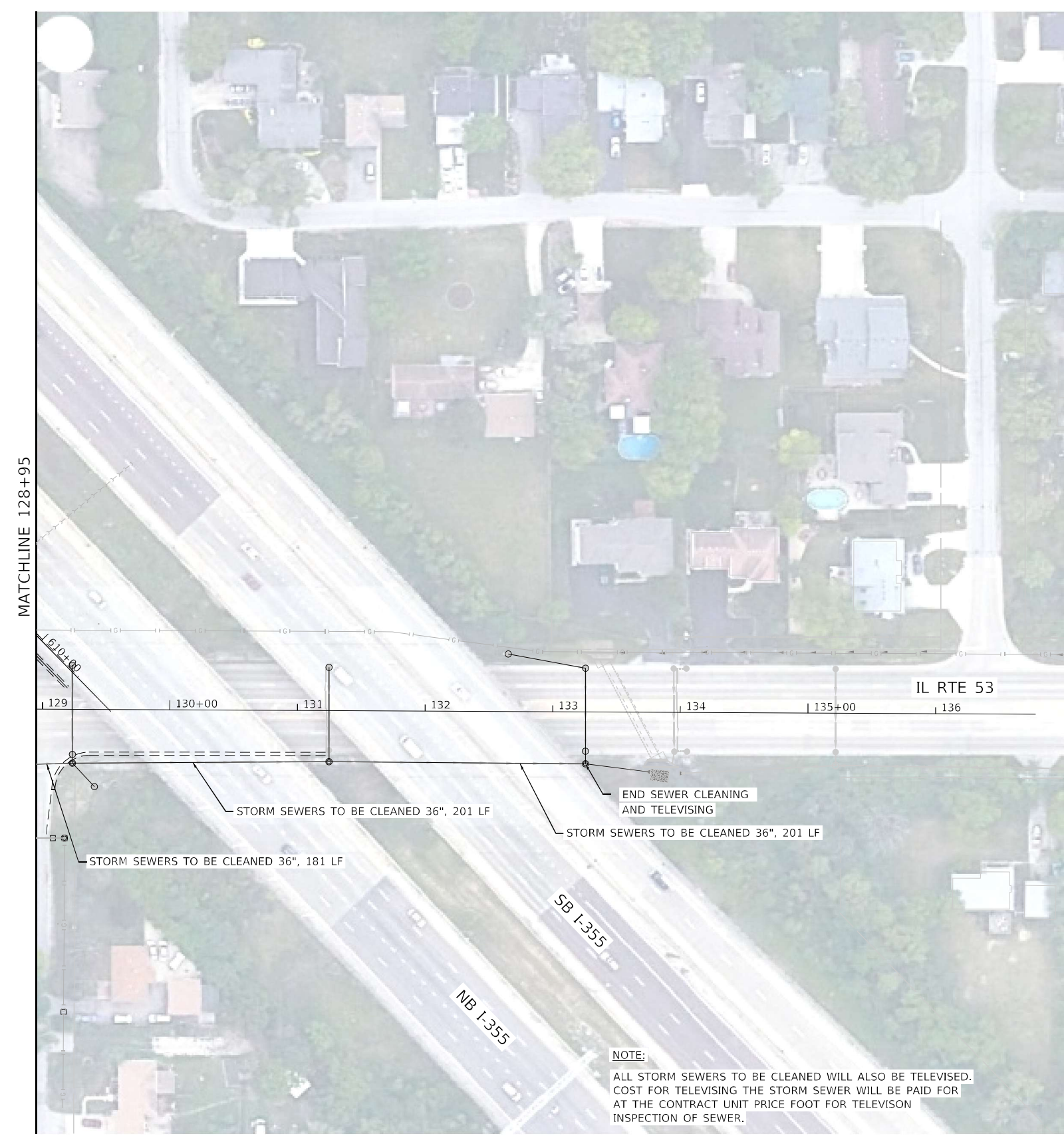
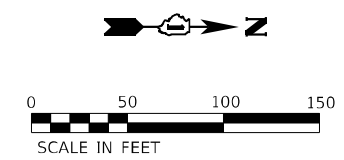


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 20 AT NB I-355 RAMP & IL 53 DRAINAGE PLAN		
SCALE: 1"=50'	SHEET 1 OF 2 SHEETS	STA. 127+44 TO STA. 128+95

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	12
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



NOTE:
 ALL STORM SEWERS TO BE CLEANED WILL ALSO BE TELEVISED.
 COST FOR TELEVISION THE STORM SEWER WILL BE PAID FOR
 AT THE CONTRACT UNIT PRICE FOOT FOR TELEVISION
 INSPECTION OF SEWER.



USER NAME = jxenn	DESIGNED - JK	REVISED -
	DRAWN - JK	REVISED -
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PLOT DATE = \$DATE\$	DATE - 12/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 20 AT NB I-355 RAMP & IL 53
 DRAINAGE PLAN**

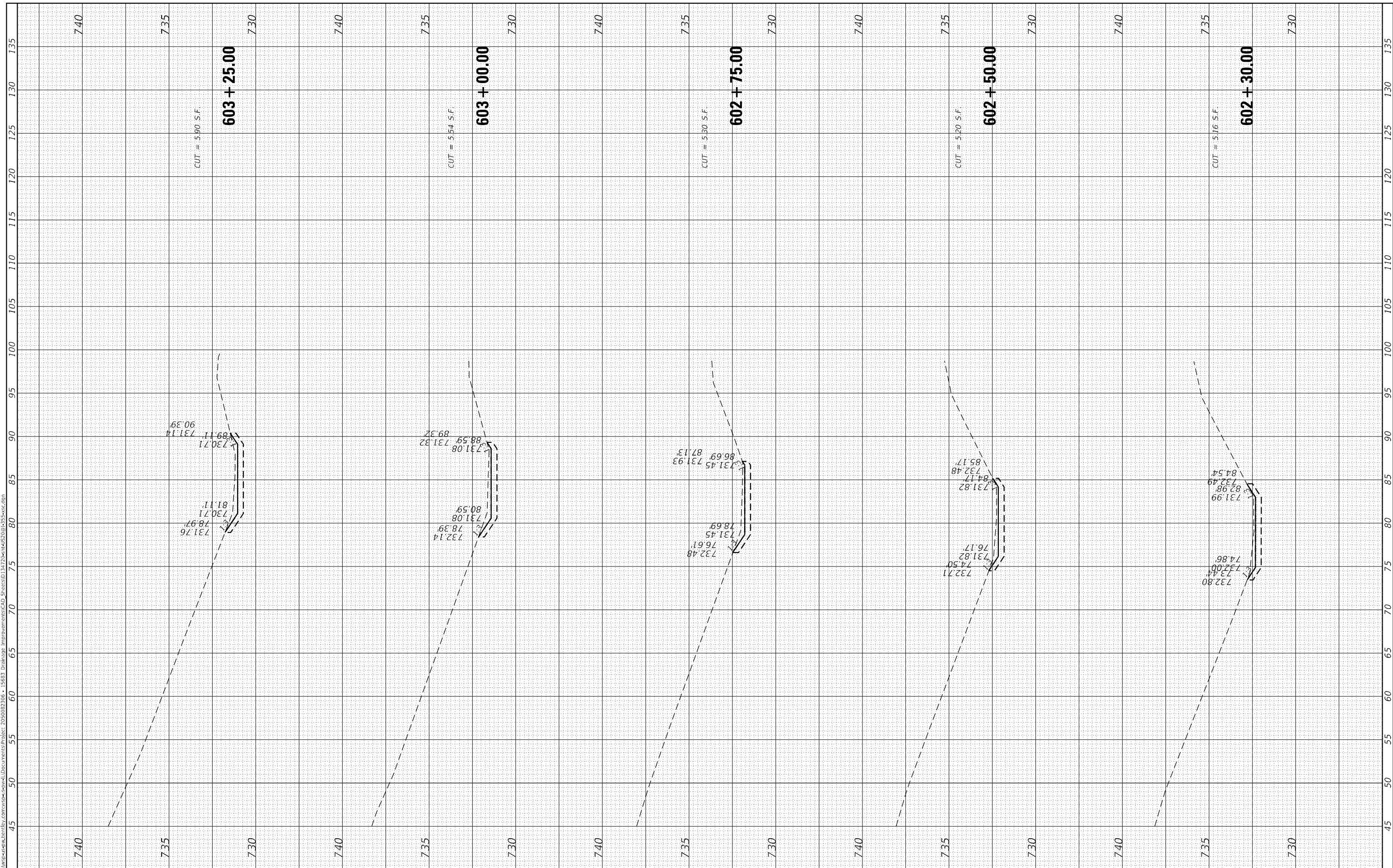
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	13
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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 PLOT DATE = 12/5/2025

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 20 AT NB I-355 RAMP & IL 53
 CROSS SECTIONS**

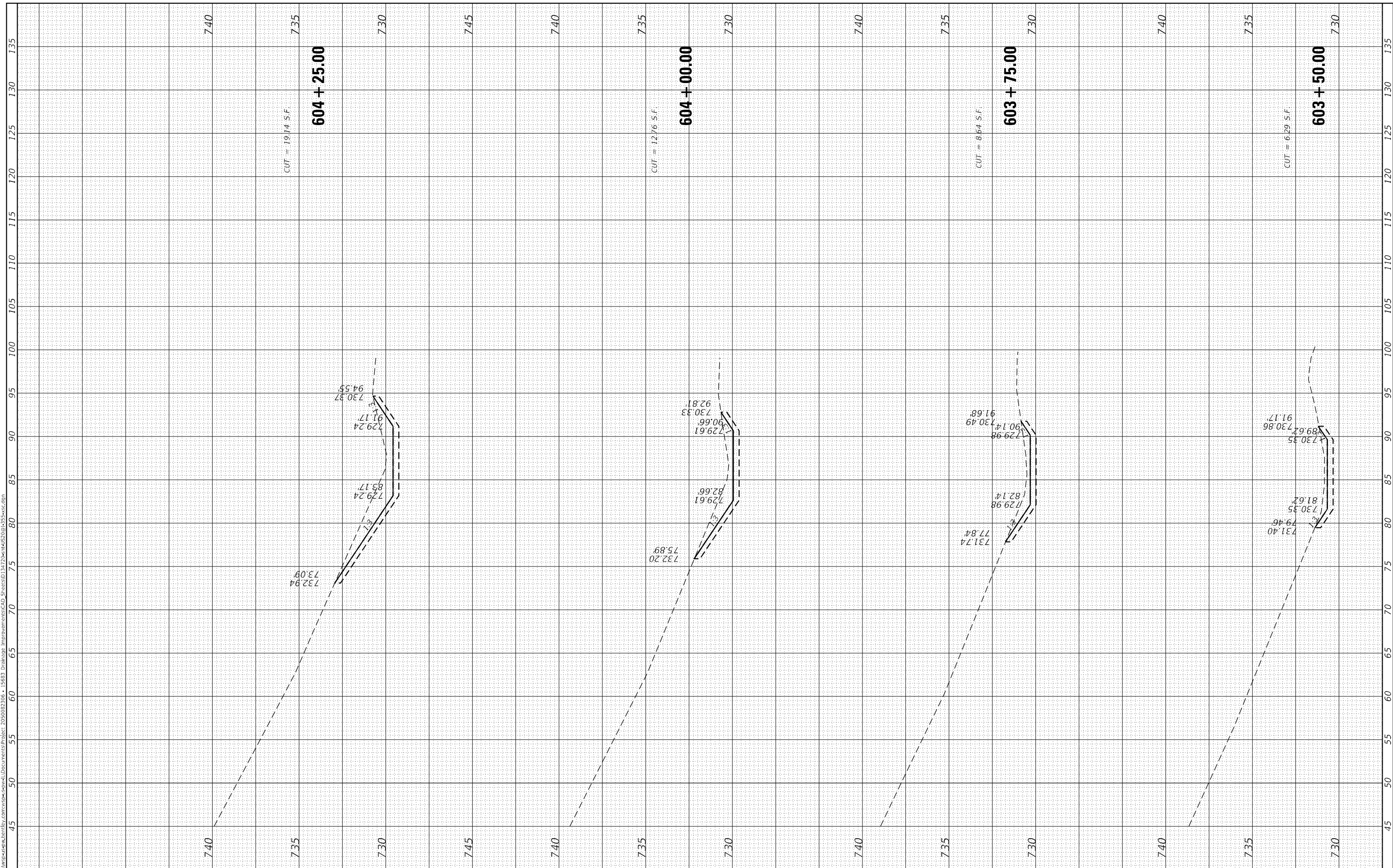
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	14
CONTRACT NO. 62V08			ILLINOIS FED. AID PROJECT	

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AREAS CHECKED	TEMPLATE		
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DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US ROUTE 20 AT NB I-355 RAMP & IL 53

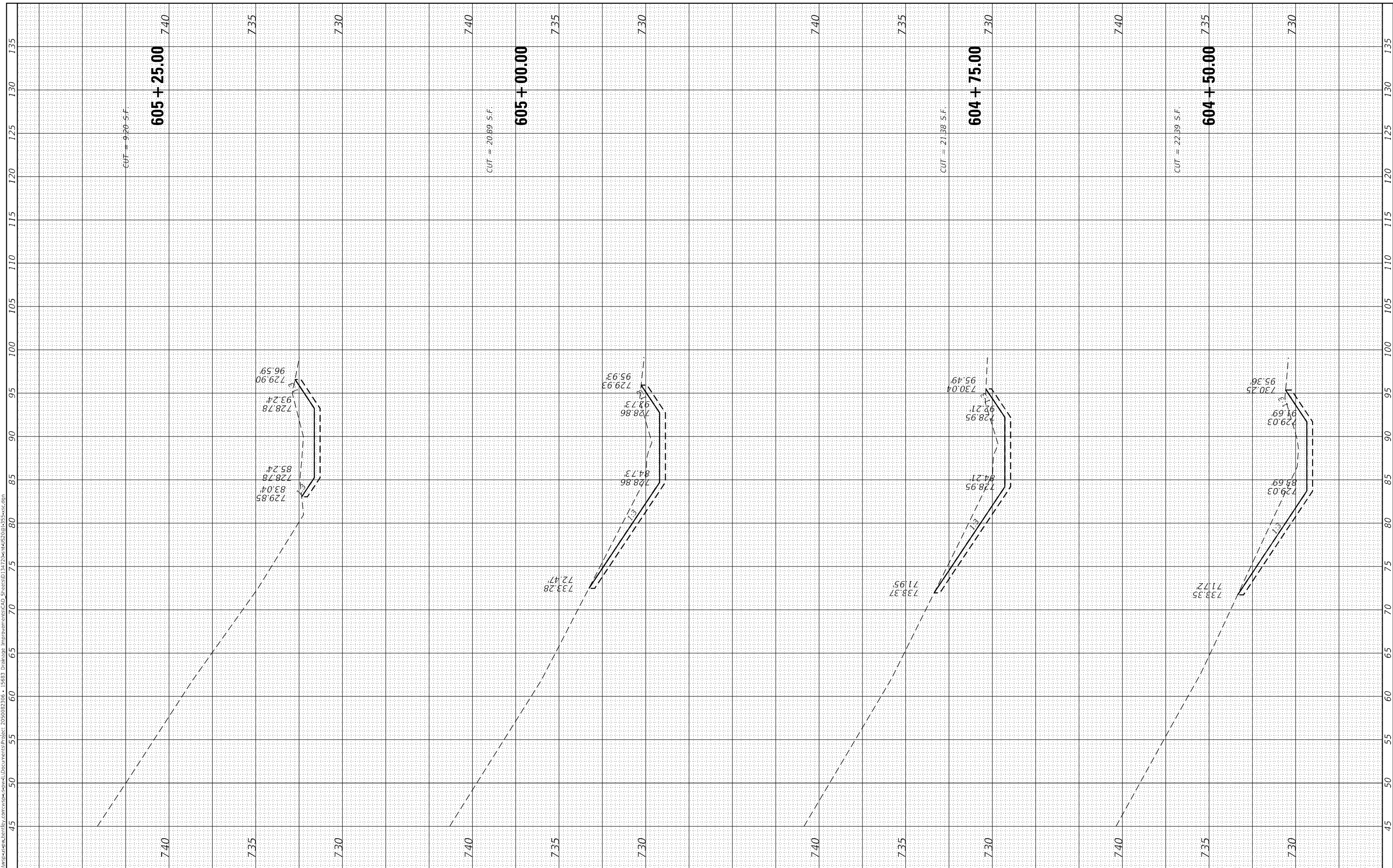
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	15
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = USMM717315
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US ROUTE 20 AT NB I-355 RAMP & IL 53

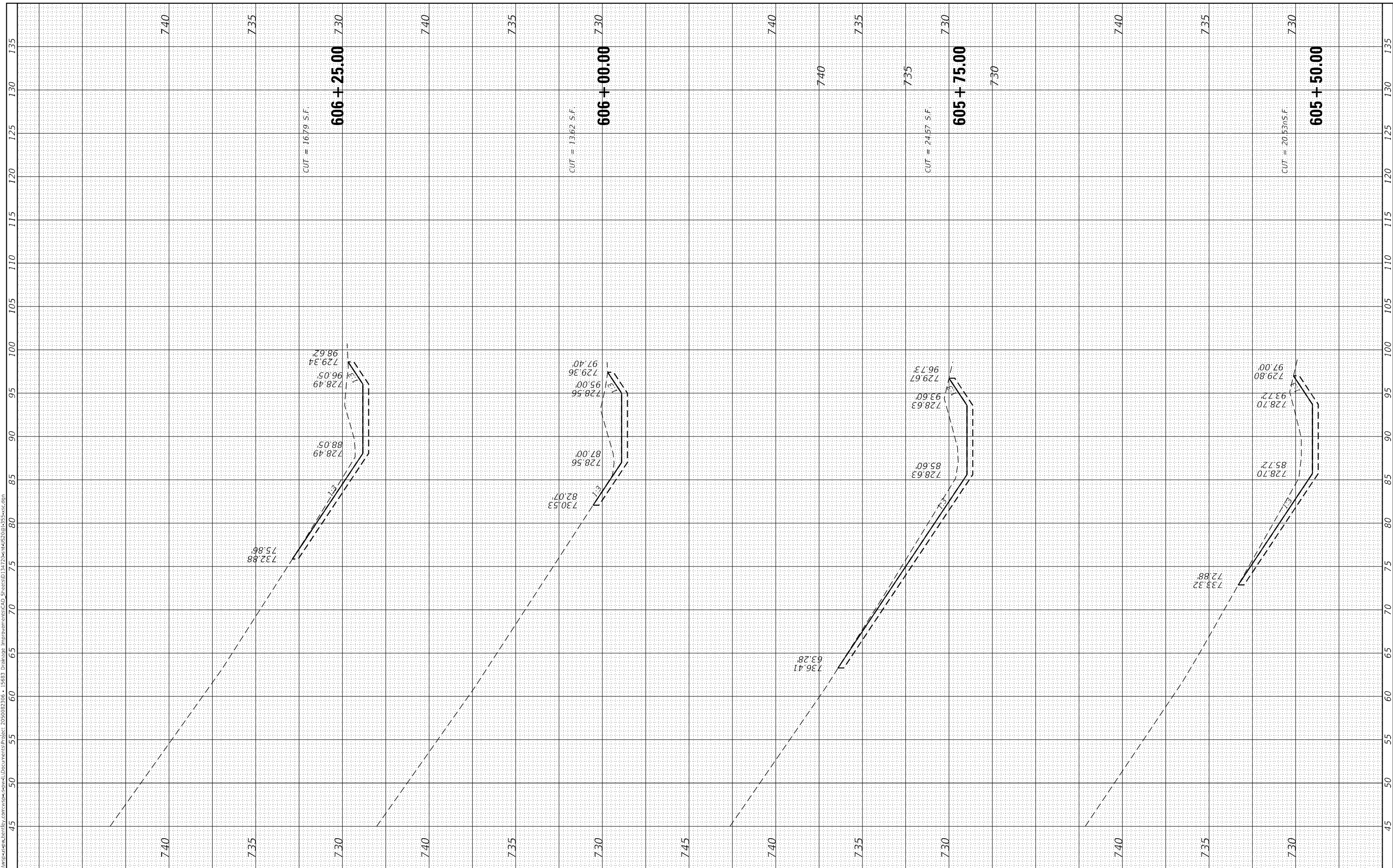
SCALE: $\frac{1}{4}'' = 10'$
 $\frac{1}{8}'' = 5'$ SHEET 3 OF 7 SHEETS STA. 604+50.00 TO STA. 605+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	16
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = USMM717315
 PLOT SCALE = 10,0000 * / in.
 PLOT DATE = 12/5/2025

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

740

US ROUTE 20 AT NB I-355 RAMP & IL 53

SCALE: H: 1"=100'
 V: 1"=5'

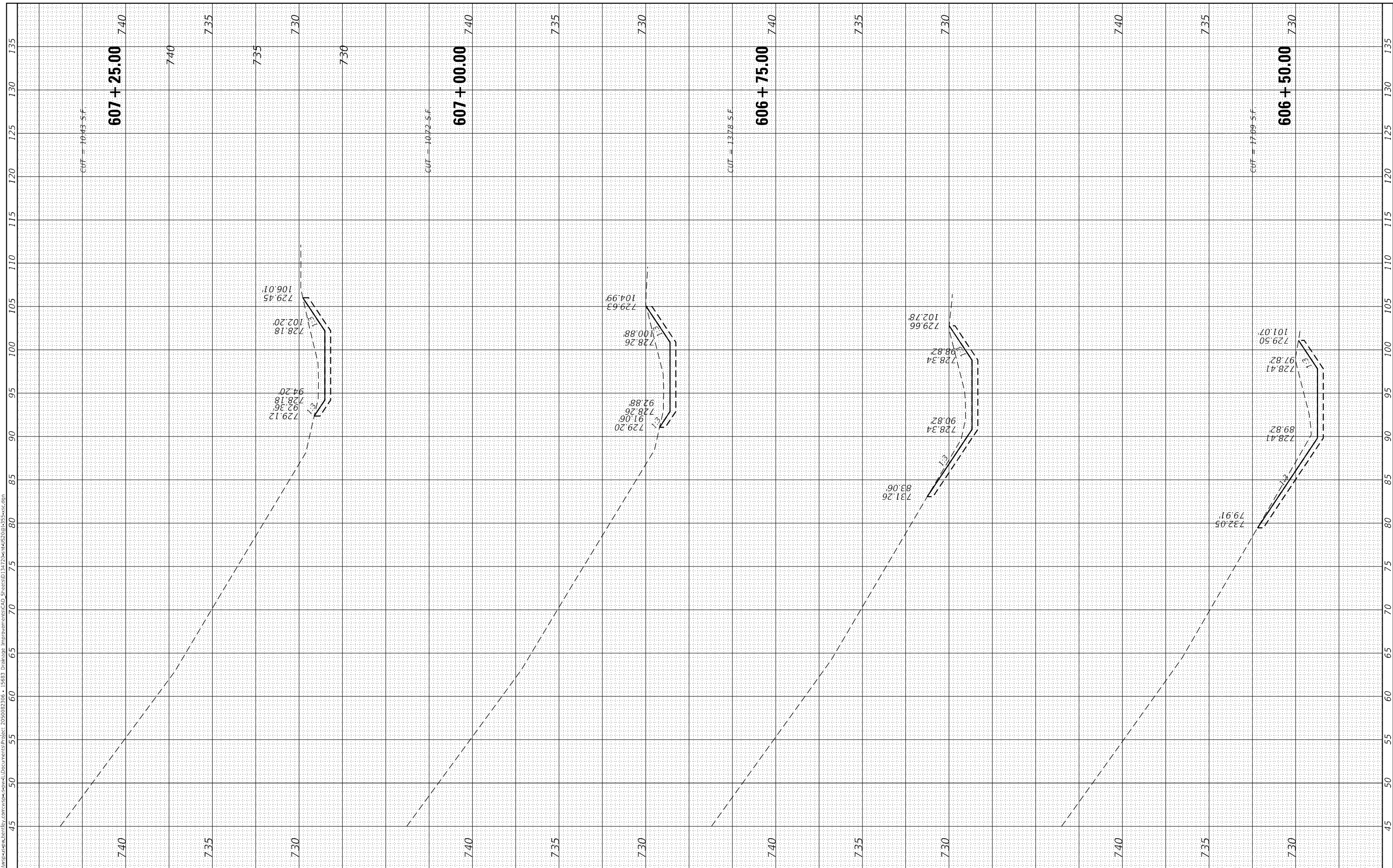
SHEET 4 OF 7 SHEETS STA. 605+50.00 TO STA. 606+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	17
			CONTRACT NO. 62V08	
ILLINOIS		FED. AID PROJECT		

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

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

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PROJECT NAME = USMM717315
DESIGNED
DRAWN
CHECKED
DATE

REVISIONS
REVISIONS
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REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US ROUTE 20 AT NB I-355 RAMP & IL 53

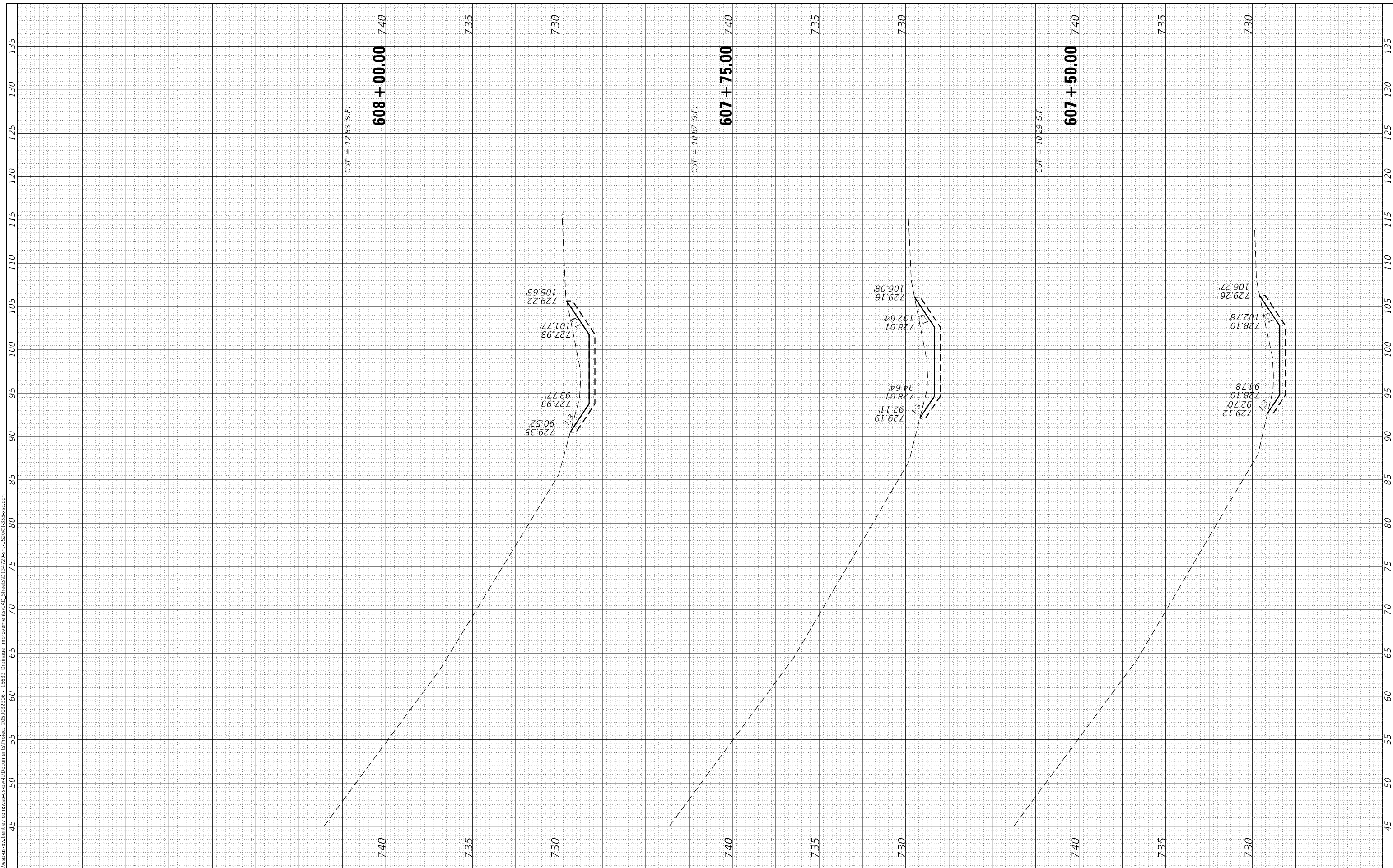
SCALE: $\frac{1}{4}'' = 10'$
 $\frac{1}{8}'' = 5'$ SHEET 5 OF 7 SHEETS STA. 606+50.00 TO STA. 607+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	18
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = USMM717315	DESIGNED -
PLOT SCALE = 10.0000 * / in.	DRAWN -
PLOT DATE = 12/5/2025	CHECKED -
	DATE -

REVISIED -
REVISIED -
REVISIED -
REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US ROUTE 20 AT NB I-355 RAMP & IL 53

SCALE: $\frac{1}{2}$ " = 10'
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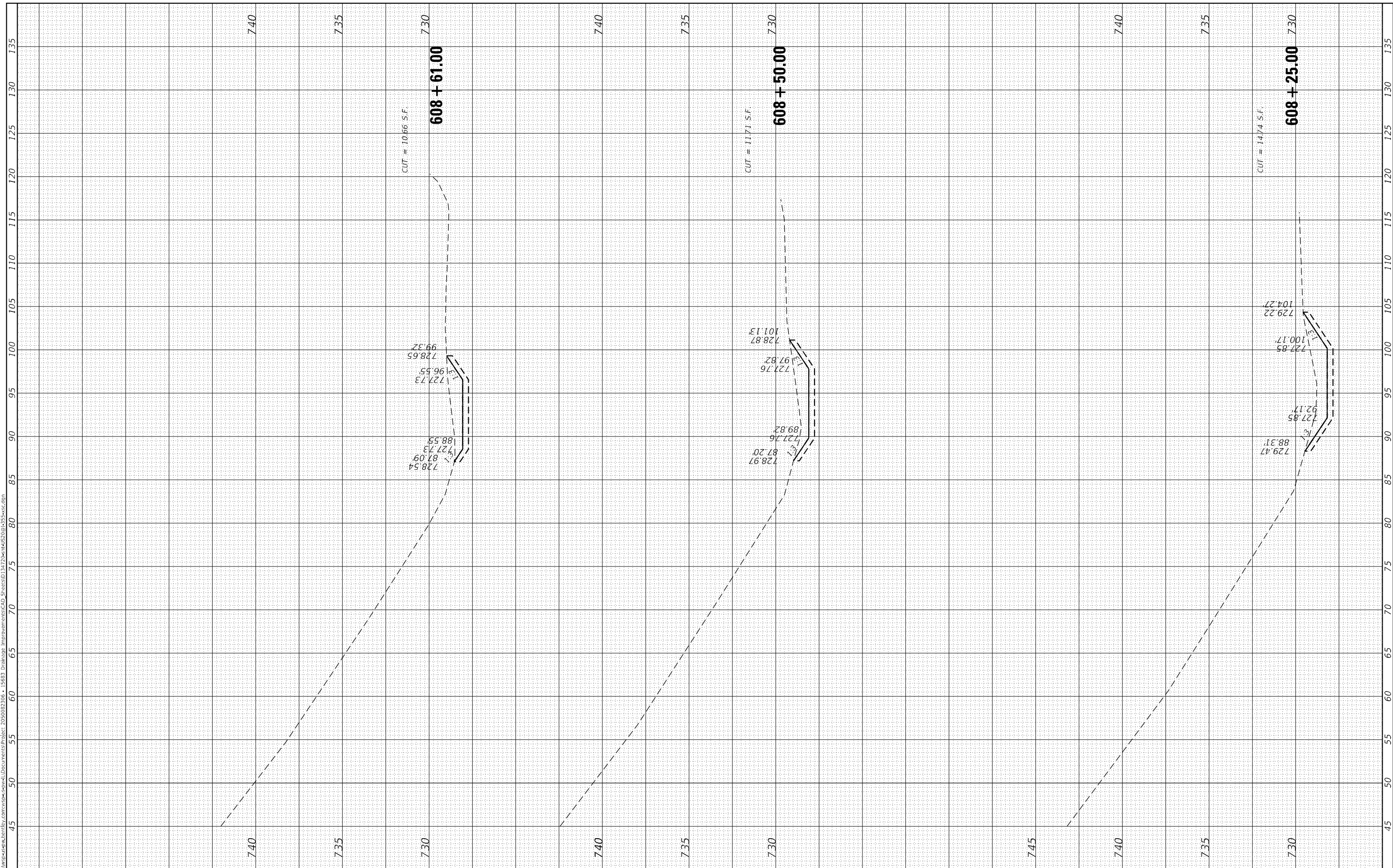
SHEET 6 OF 7 SHEETS STA. 608+00.00 TO STA. 606+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	19
CONTRACT NO. 62V08				
ILLINOIS		FED. AID PROJECT		

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

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

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USER NAME = USMM717315
 PLOT SCALE = 10,0000 * / in.
 PLOT DATE = 12/5/2025

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US ROUTE 20 AT NB I-355 RAMP & IL 53

SCALE: H: 1"=100'
 V: 1"=5'
 SHEET 7 OF 7 SHEETS STA. 608+25.00 TO STA. 608+61.00

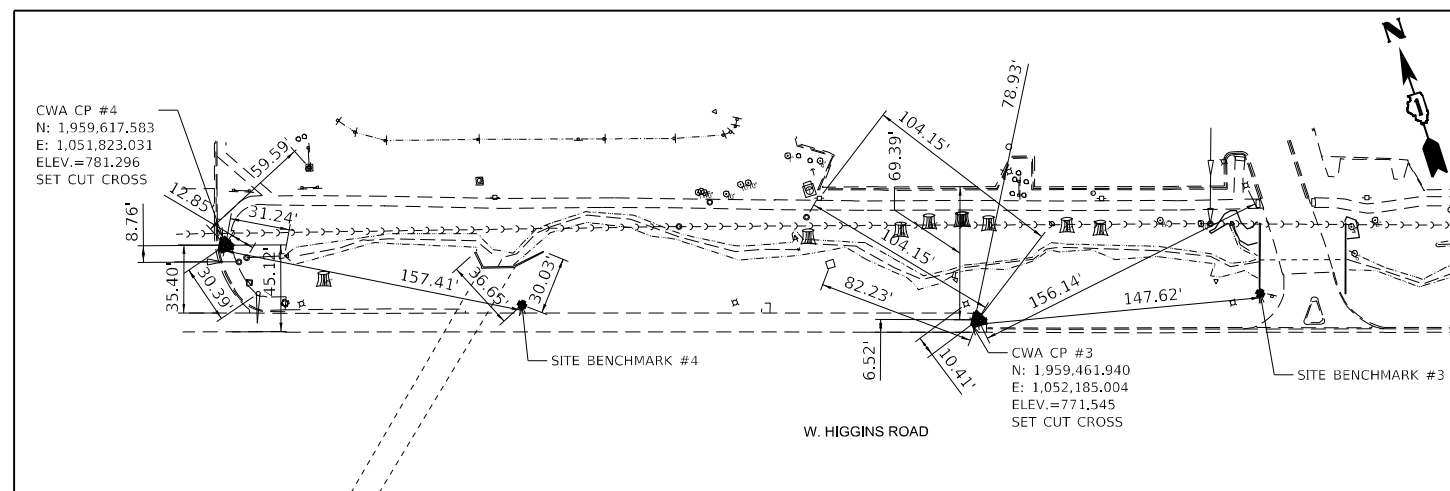
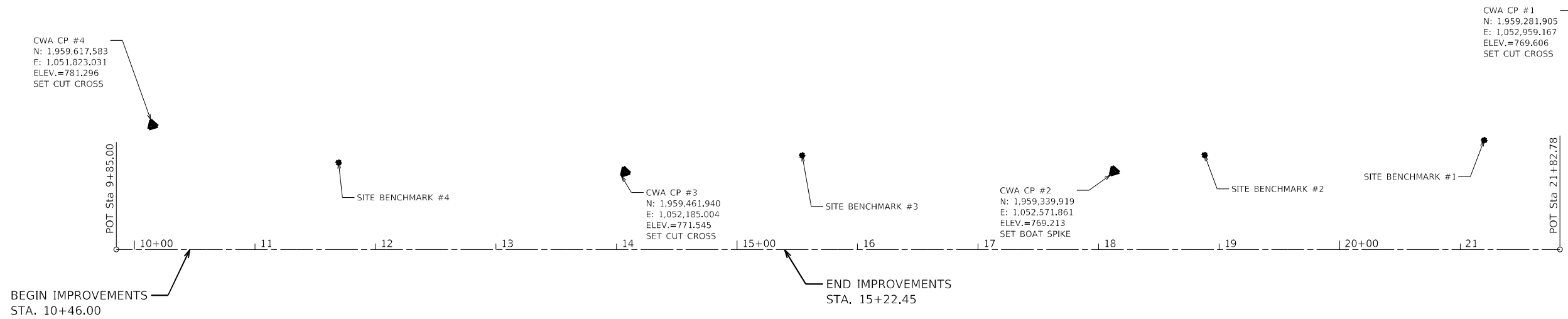
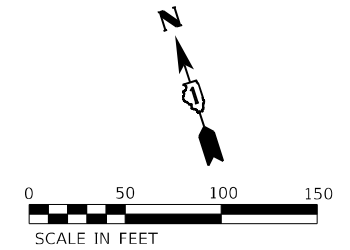
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	20
CONTRACT NO. 62V08				
ILLINOIS		FED. AID PROJECT		

BENCHMARKS

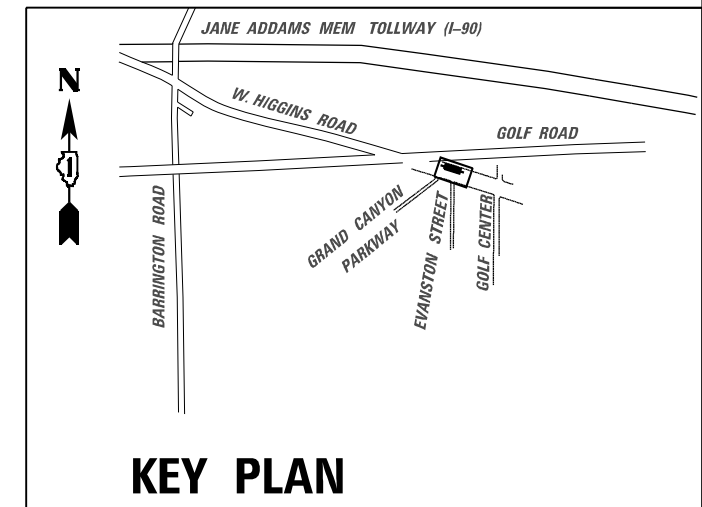
- BM#1 SOUTH FLANGE BOLT ON FIRE HYDRANT ON N. SIDE OF HIGGINS ROAD NEAR ENTRANCE ROAD TO WALGREENS.
ELEVATION=772.069
- BM#2 SET CUT SQUARE ON S. SIDE OF HEADWALL ON E. SIDE OF ENTRANCE TO HOFFMAN LANES BOWLING ALLEY
ELEVATION=769.300
- BM#3 SET CUT SQUARE ON S. SIDE OF HEADWALL ON W. SIDE OF ENTRANCE ROAD TO STRIP MALLS
ELEVATION=769.700
- BM#4 SET CUT SQUARE ON S. SIDE OF N. SIDE OF HIGGINS ROAD 150'± E. OF GRAND CANYON PARKWAY
ELEVATION=776.977

ALIGNMENT COORDINATES			
IL ROUTE 72			
	STATION	N	E
POT	9+85.00	1959528.2840	1051763.2995
POT	21+82.78	1959166.1258	1052905.0133

CONTROL POINTS			
IL ROUTE 72			
	ELEVATION	N	E
3	771.545	1959461.940	1052185.004
4	781.296	1959617.583	1051823.031



CONTROL POINT # 3 AND 4



KEY PLAN

MODEL: D:\default...
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 SHEET: 136 of 21

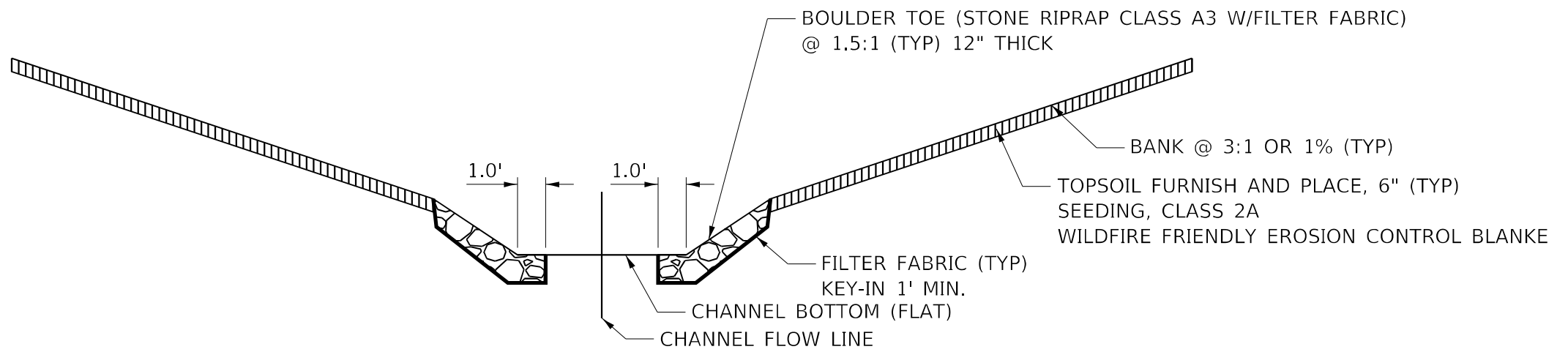


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	DATE - 12/10/2025	REVISED -

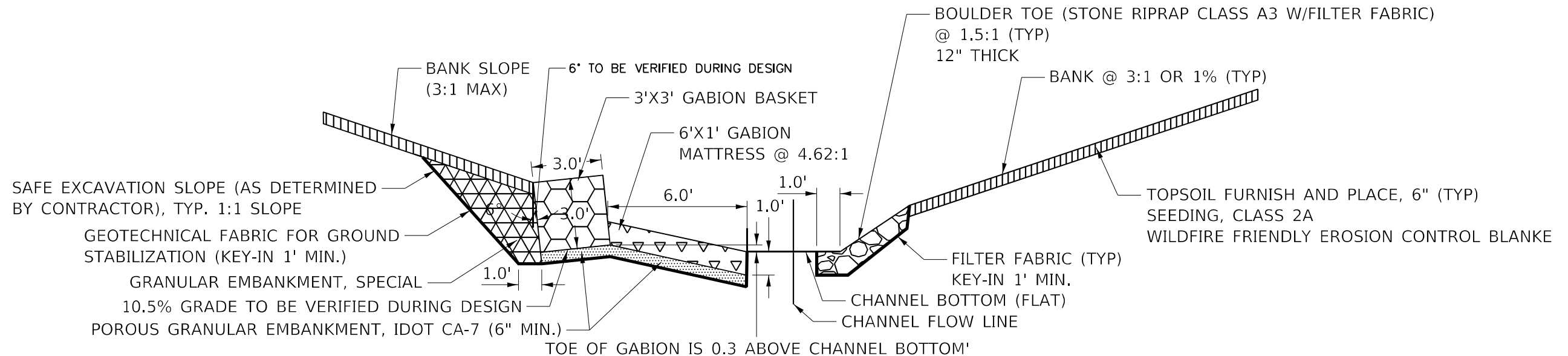
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72	
ALIGNMENT, TIES AND BENCHMRKS	
SCALE: 1"=50'	SHEET 1 OF 1 SHEETS
STA. 9+85+00	TO STA. 22+82.78

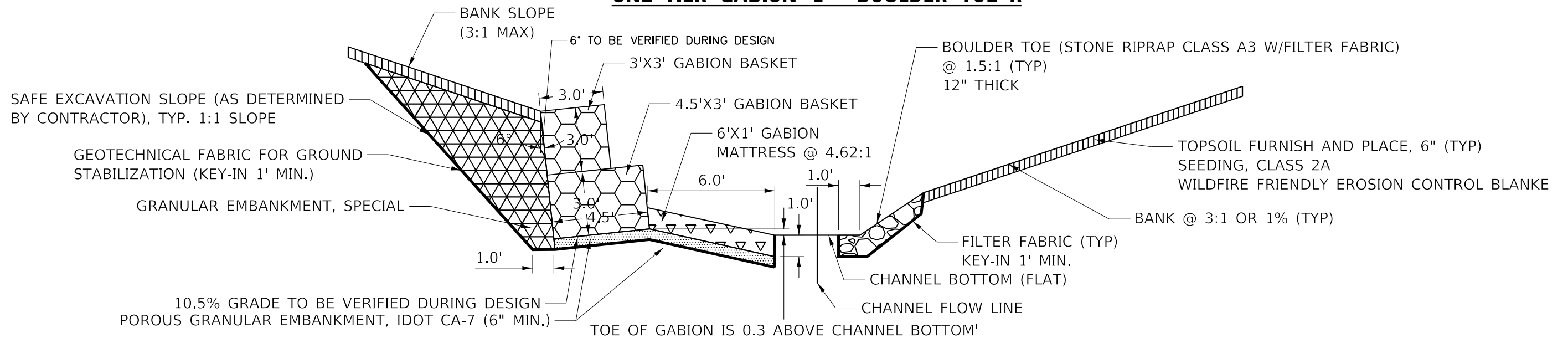
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	21
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				



BOULDER TOE L-R



ONE-TIER GABION L - BOULDER TOE R



TWO-TIER GABION L - BOULDER TOE R

MODEL: Default
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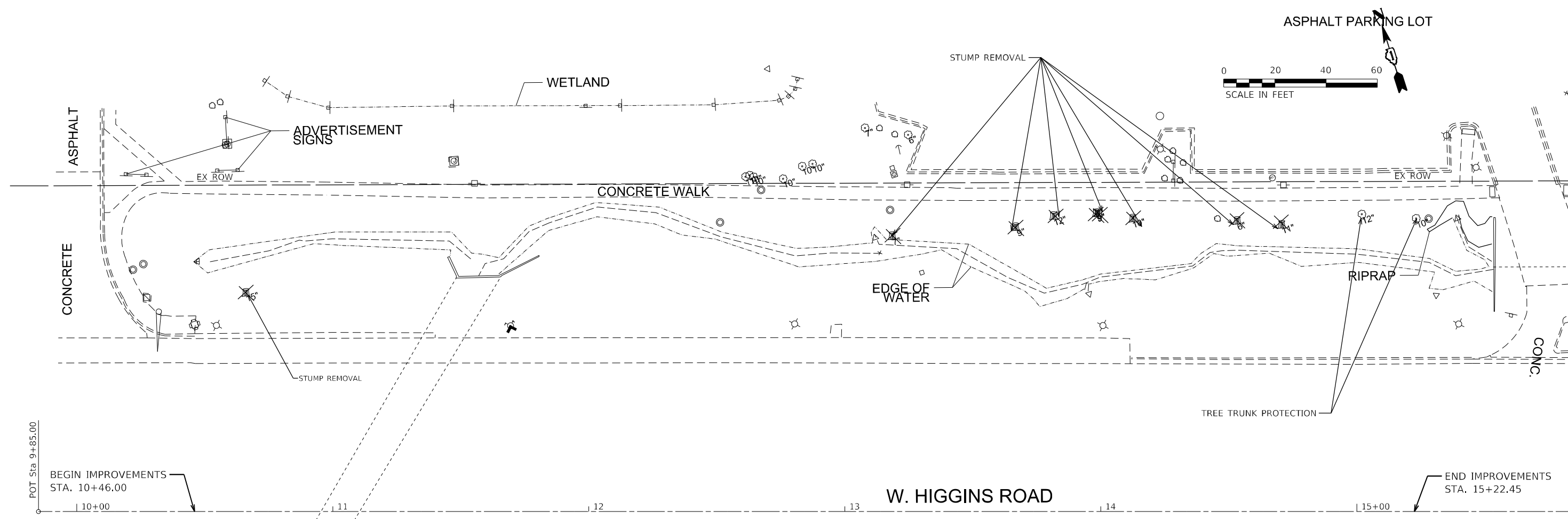
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 72
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 VAR DRAINAGE	VARIOUS	136	22
			CONTRACT NO. 62V08	
		ILLINOIS	FED. AID PROJECT	

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LEGEND

STUMP REMOVAL



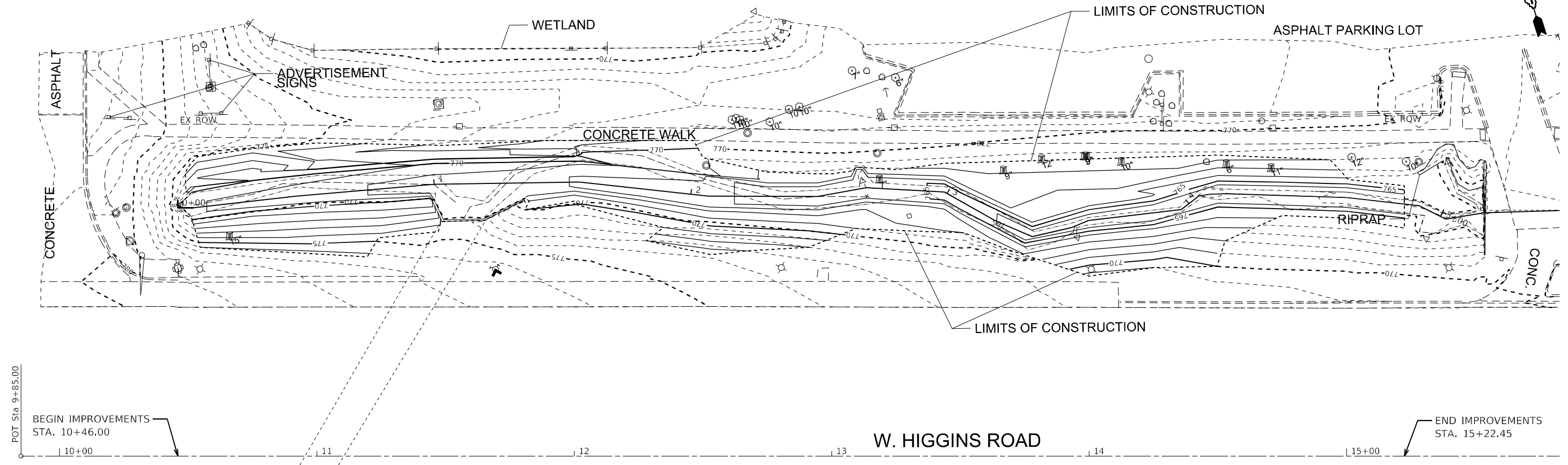
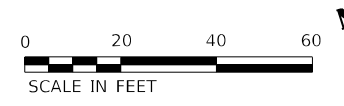
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PLOT SCALE = 40,0000 * / in.	DATE - 12/10/2025	REVISED -
PLOT DATE = 12/8/2025		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72
REMOVAL PLAN

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 9+85.00 TO STA. 21+82.78

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	23
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



MODEL: Default
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POT Sta 9+85.00

BEGIN IMPROVEMENTS STA. 10+46.00

10+00 11 12 13 14 15+00

W. HIGGINS ROAD

END IMPROVEMENTS STA. 15+22.45



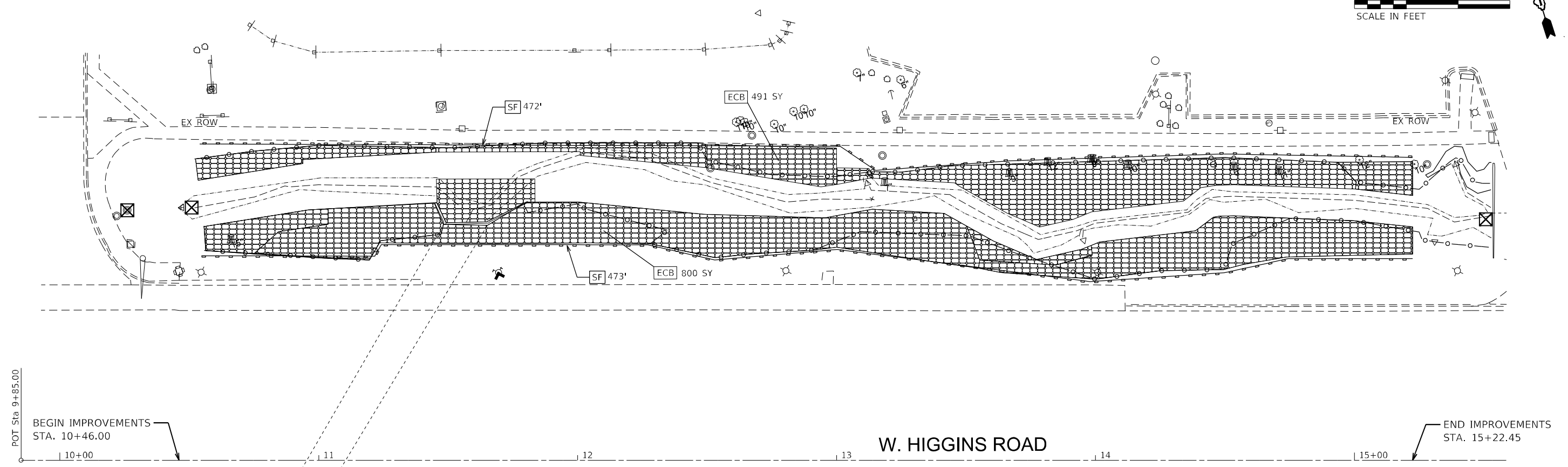
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DRAWN - MM	REVISOR -	
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PLOT DATE = 12/10/2025	DATE - 12/10/2025	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 72
PROPOSED PLAN**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 9+85.00 TO STA. 21+82.78

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	24
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER (28000400)
- INLET FILTERS (28000510)
- INLET AND PIPE PROTECTION (28000500)
- TEMPORARY DITCH CHECKS (28000305)
- AGGREGATE DITCH CHECKS (28000315)
- TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET (28001105)
- PROPOSED GRADING LIMITS

NOTE:

4" MULCH TO BE PLACED AROUND ALL EXISTING TREES

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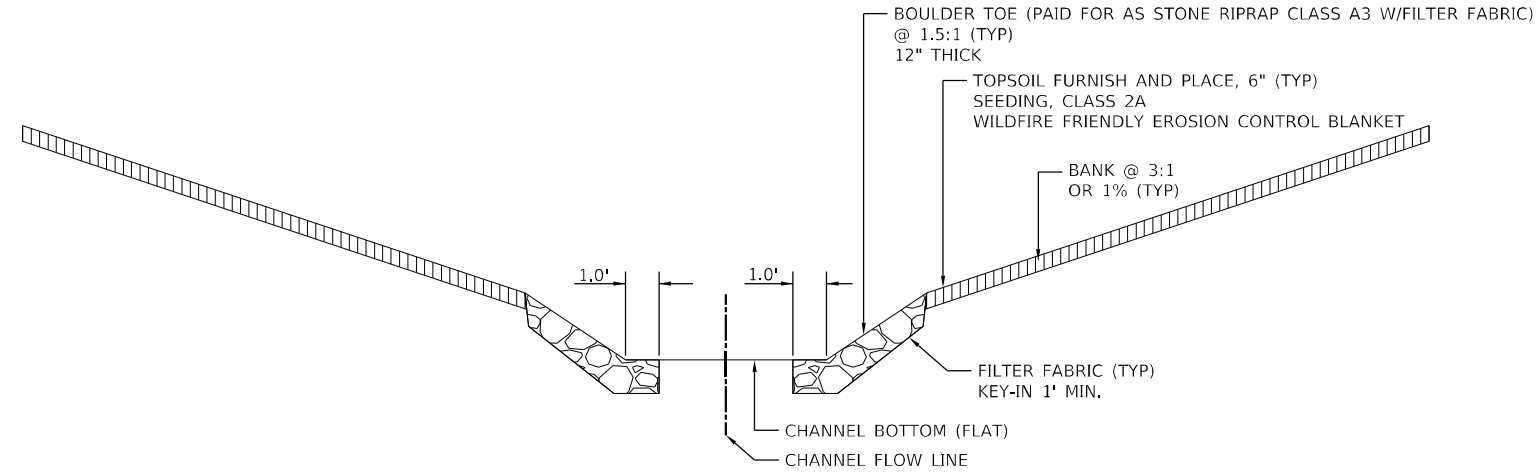
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DRAWN - MM	CHECKED - KE	REVISED -
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PLOT DATE = 12/10/2025		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

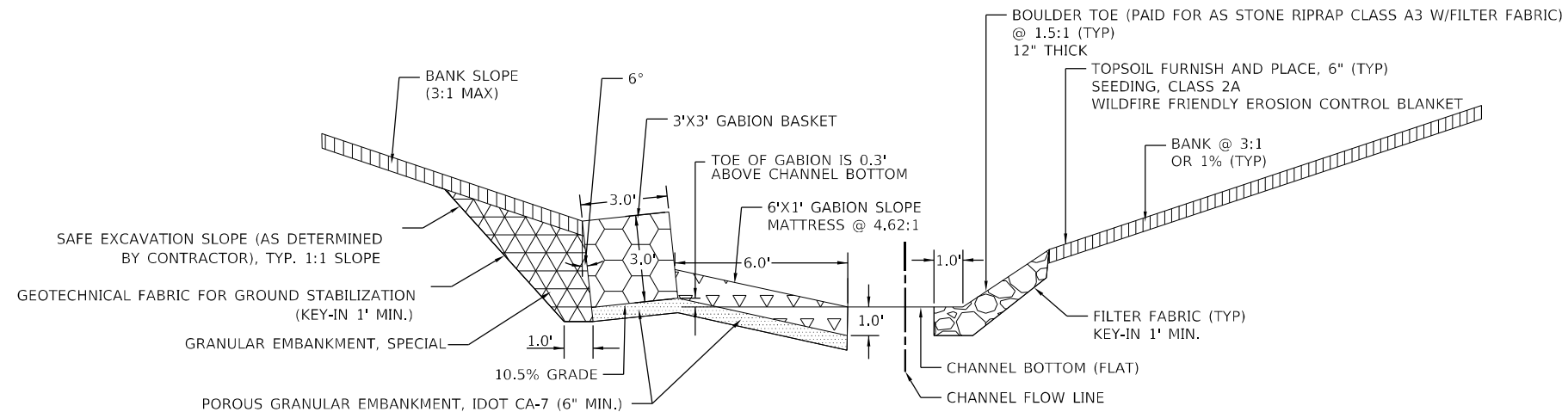
**IL RTE 72
EROSION CONTROL PLAN**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 9+85.00 TO STA. 21+82.78

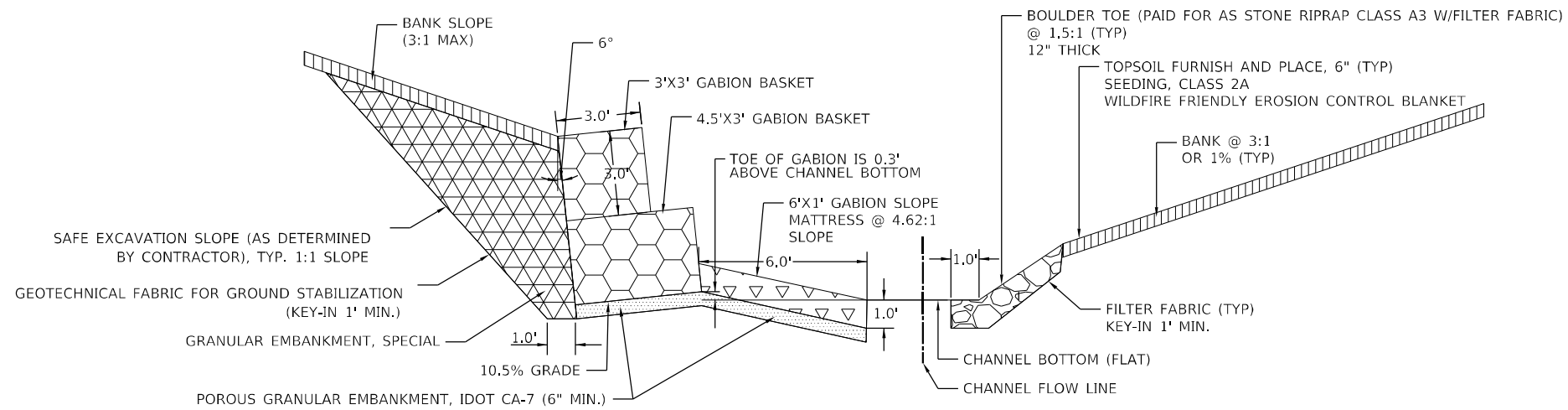
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	25
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



BOULDER TOE L-R
SECTION A-A (SEE PLAN VIEW)



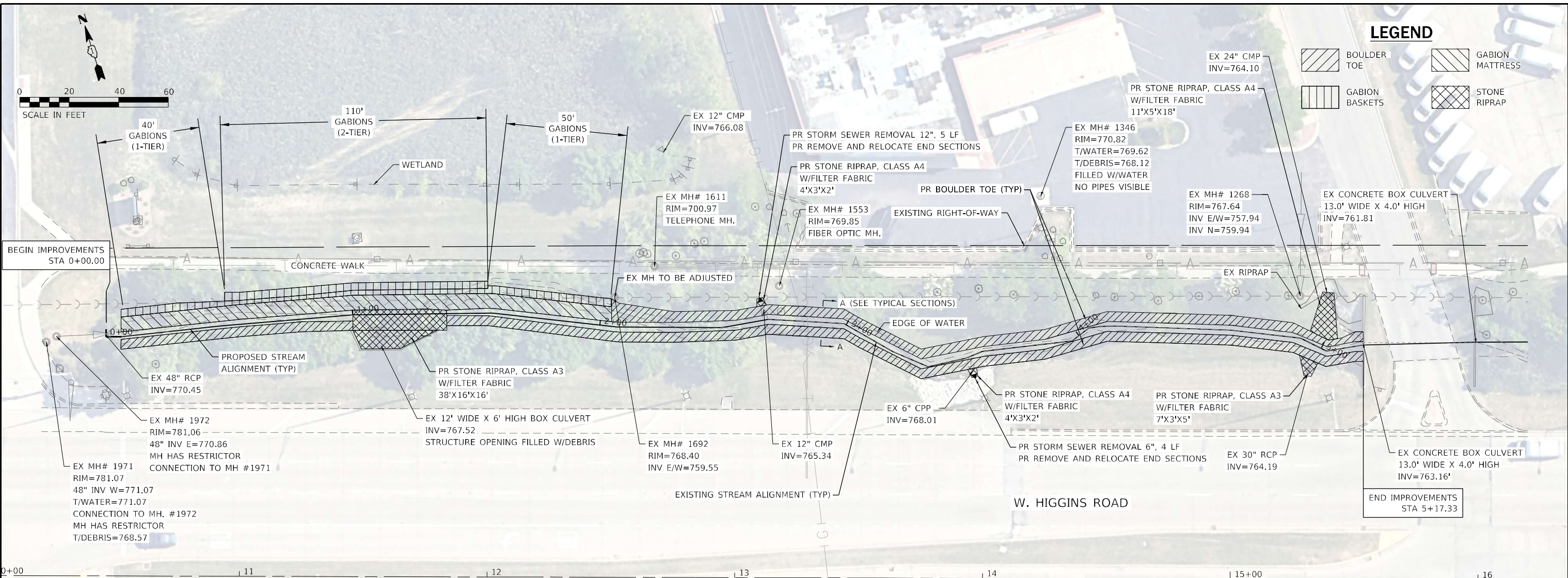
ONE-TIER GABION L - BOULDER TOE R



TWO-TIER GABION L - BOULDER TOE R

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	DRAWN - JK	REVISED -
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PLOT DATE = \$DATE\$	DATE - 12/2025	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	27
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



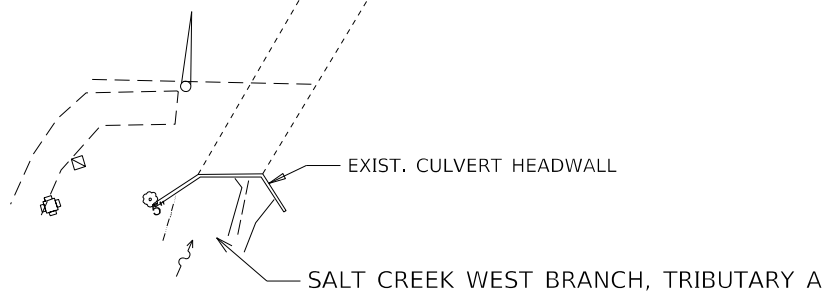
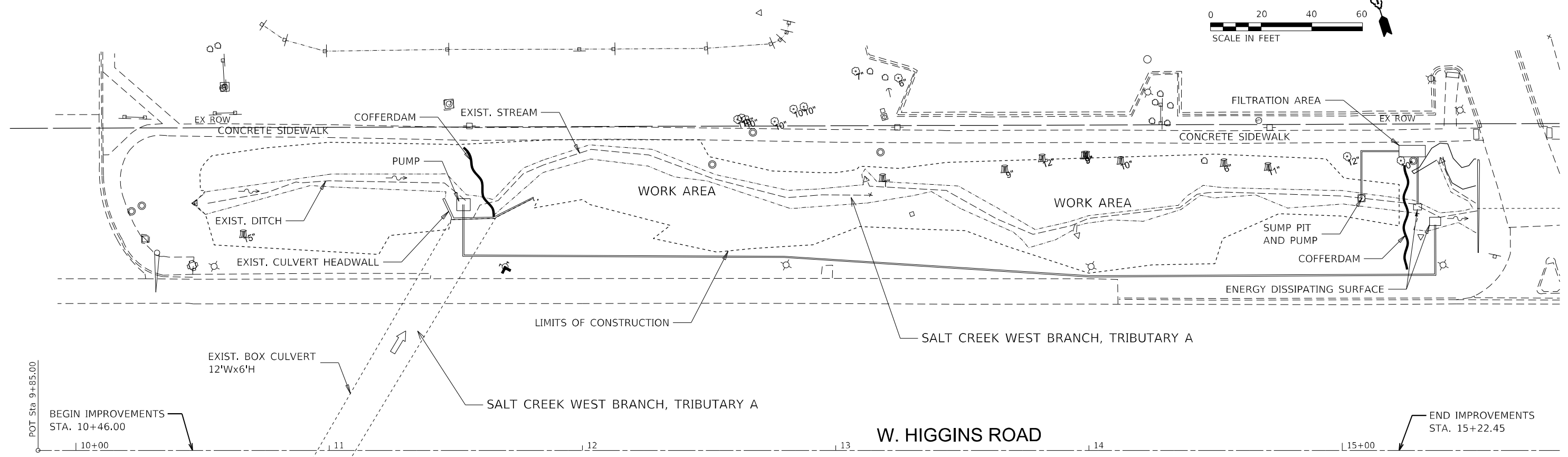
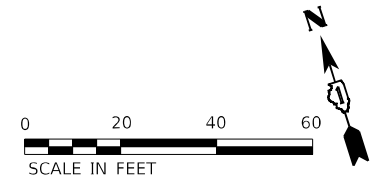
LEGEND

- BOULDER TOE
- GABION MATTRESS
- GABION BASKETS
- STONE RIPRAP



	USER NAME = jxenn	DESIGNED - JK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 72 DRAINAGE PLAN AND PROFILE
	PLOT SCALE = 40,0000' / in.	CHECKED - ST	REVISED -		
Westmont, Illinois	PLOT DATE = \$DATE\$	DATE - 12/2025	REVISED -	SCALE: 1"=20'H:2'V SHEET 1 OF 1 SHEETS STA. 0+00.00 TO STA. 5+17.33	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	28
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



- NOTES:
1. THIS WORK SHALL BE PAID FOR AS COFFERDAM (TYPE 1) PAY ITEM (50201101)
 2. ALL DISCHARGES SHOULD BE ON ENERGY DISSIPATING SURFACE
 3. LOCATIONS FOR SUMP PIT, FILTRATION AREA, AND ENERGY DISSIPATING SURFACES MAY VARY DEPENDING ON THE SITE CONDITIONS.

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USER NAME = USKE715271	DESIGNED - MM	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN - MM	REVISED -
PLOT DATE = 11/8/2025	CHECKED - KE	REVISED -
	DATE - 09/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 72			
IN-STREAM WORK PLAN			
SCALE: 1"=20'	SHEET 1	OF 1 SHEETS	STA. 9+85.00 TO STA. 21+82.78

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	29
			CONTRACT NO. 62V08	
		ILLINOIS	FED. AID PROJECT	

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

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

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USER NAME = USMM717315
 PLOT SCALE = 10.0000 * / in.
 PLOT DATE = 12/5/2025

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1"=10'
 V: 1"=5'

SHEET 1 OF 14 SHEETS
 STA. 10+52.00 TO STA. 11+25.00

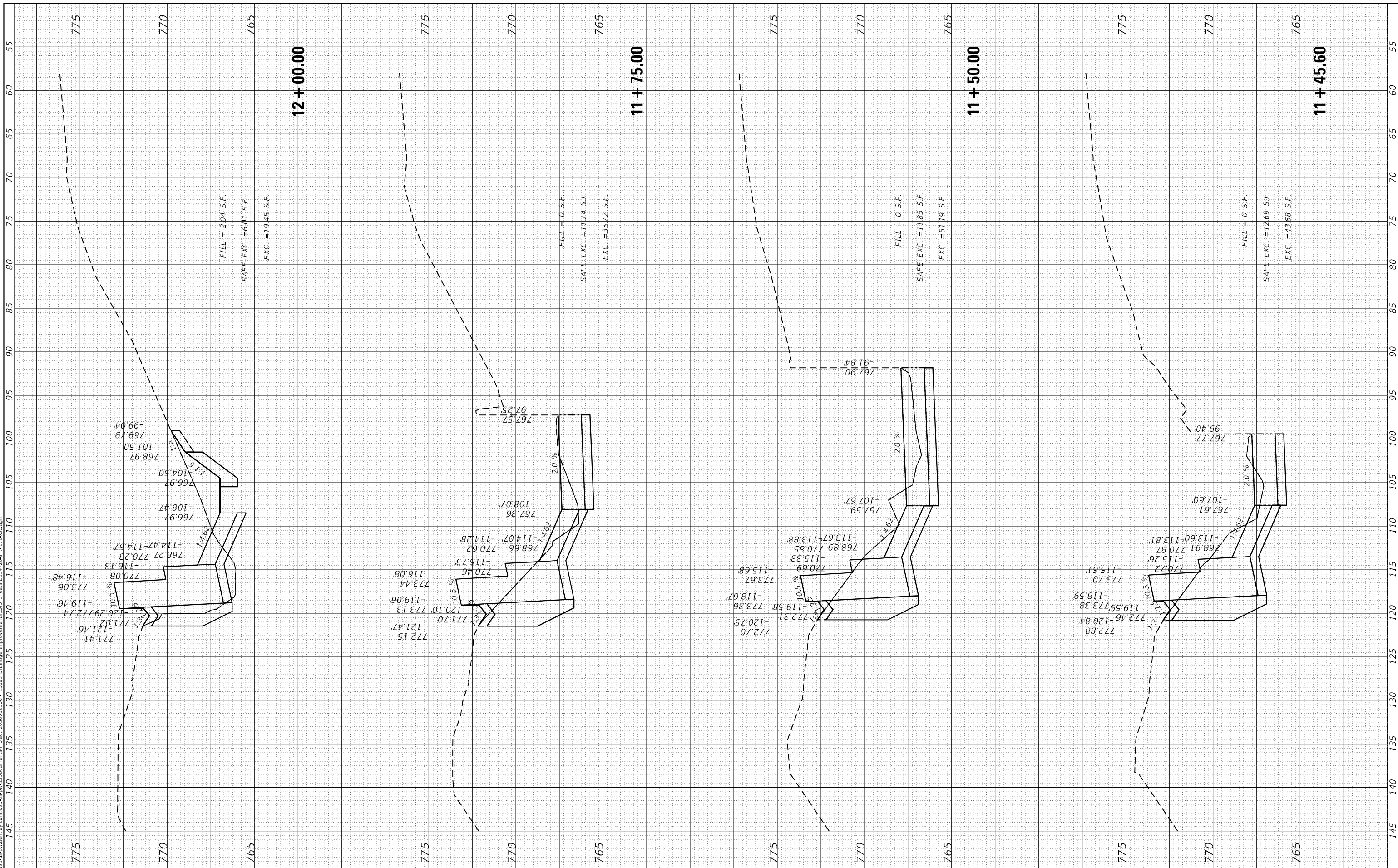
**IL RTE 72
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	30
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
FILE NAME: D:\work\p\w\beetley.com\wsp\cswal\Documents\Projects\2025002306 - 15683 Drainage Improvements\CAD - Streets\11+45.60-12+00.dwg



USER NAME = USMM717315
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISIONS
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1" = 10'
V: 1" = 5'
SHEET 2 OF 14 SHEETS STA. 11+45.60 TO STA. 12+00.00

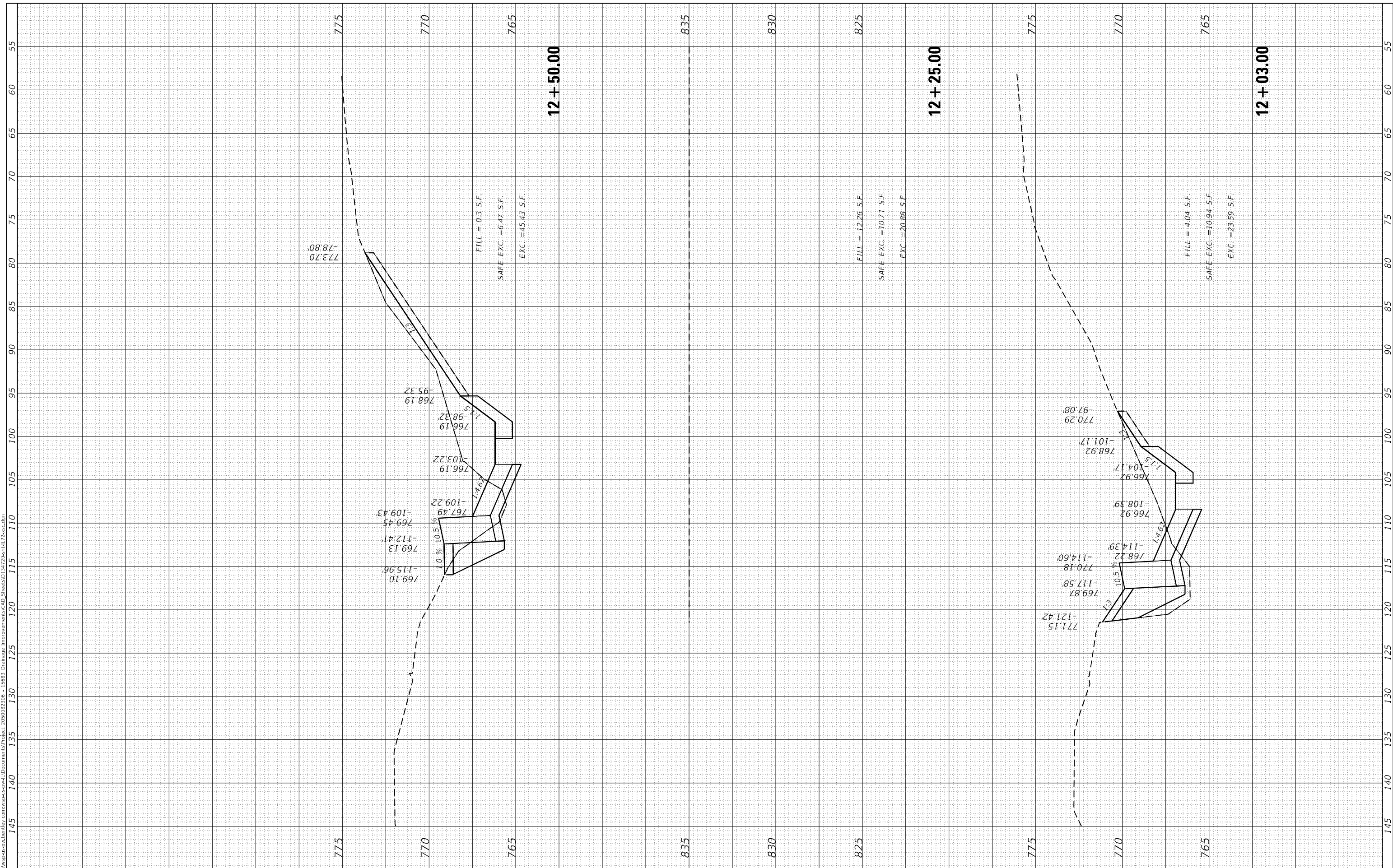
IL RTE 72
CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	31
			CONTRACT NO. 62V08	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Default
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USER NAME = USMM717315	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/5/2025	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1"=10' V: 1"=5'	SHEET 3	OF 14 SHEETS	STA. 12+03.00	TO STA. 12+50.00
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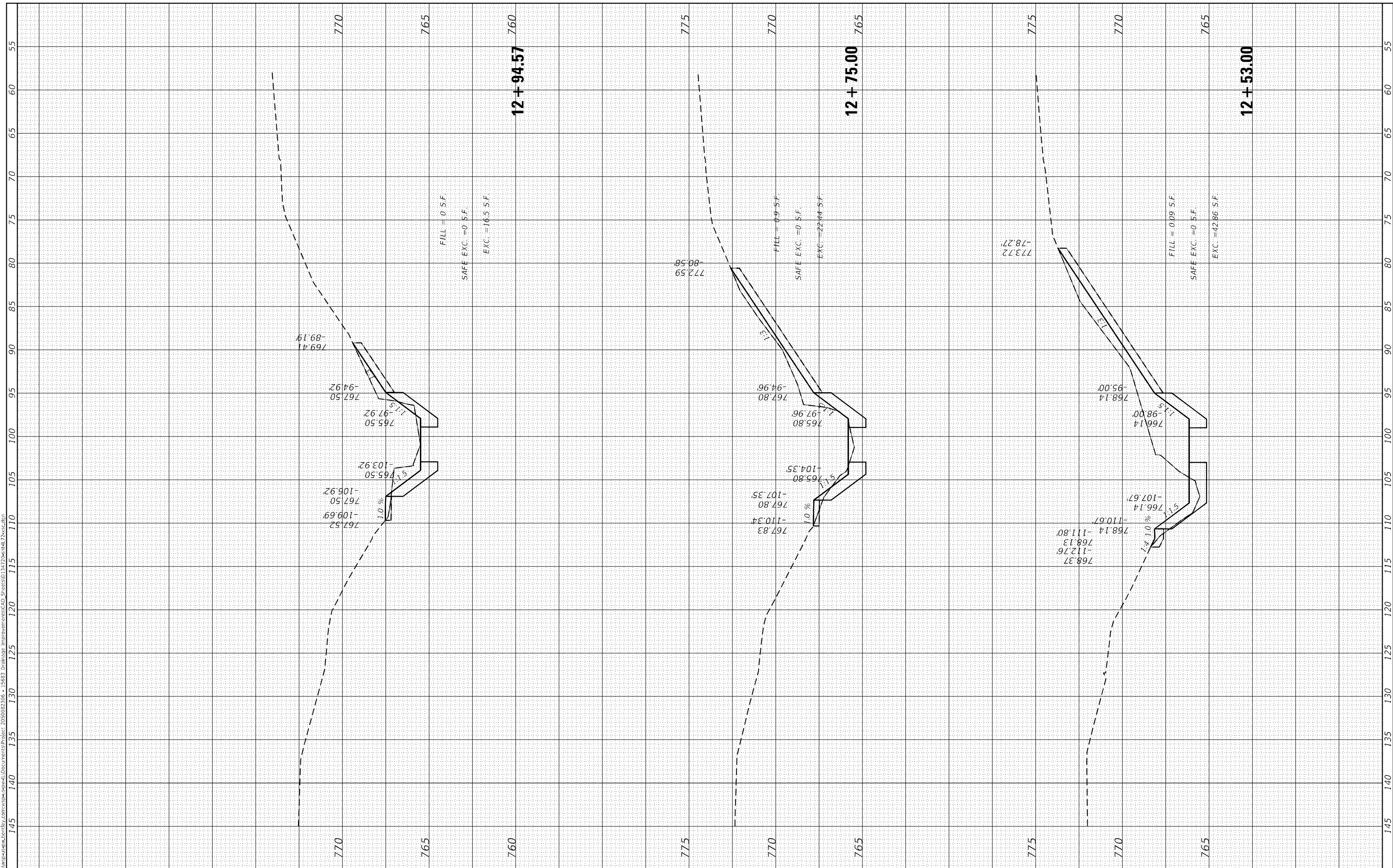
**IL RTE 72
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	32
CONTRACT NO. 62V08			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Default
 FILE NAME: D:\work\p-w\hennley.com\p-w\csw\l\Documents\Project_205002306 - 15683 Drainage Improvements\CAD_Sheets\12+53+00.dwg



FILL = 0 S.F.
 SAFE EXC. = 0 S.F.
 EXC. = 16.5 S.F.

FILL = 0.9 S.F.
 SAFE EXC. = 0 S.F.
 EXC. = 22.4 S.F.

FILL = 0.09 S.F.
 SAFE EXC. = 0 S.F.
 EXC. = 42.86 S.F.



USER NAME = USMM717315
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 12/5/2025

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=10'
 V: 1"=5'

SHEET 4 OF 14 SHEETS
 STA. 12+53.00 TO STA. 12+94.57

IL RTE 72
 CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	33
			CONTRACT NO. 62V08	
		ILLINOIS	FED. AID PROJECT	

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

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

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FILL = 0 S.F.
 SAFE EXC. = 0 S.F.
 EXC. = 19.05 S.F.

FILL = 1.39 S.F.
 SAFE EXC. = 0 S.F.
 EXC. = 9.03 S.F.

FILL = 0.06 S.F.
 SAFE EXC. = 0 S.F.
 EXC. = 12.81 S.F.

13 + 25.00

13 + 34.00

13 + 00.00



USER NAME = USMM717315
 PLOT SCALE = 10.0000" / in.
 PLOT DATE = 12/5/2025

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=10'
 V: 1"=5'

SHEET 5 OF 14 SHEETS
 STA. 13+00.00 TO STA. 13+25.00

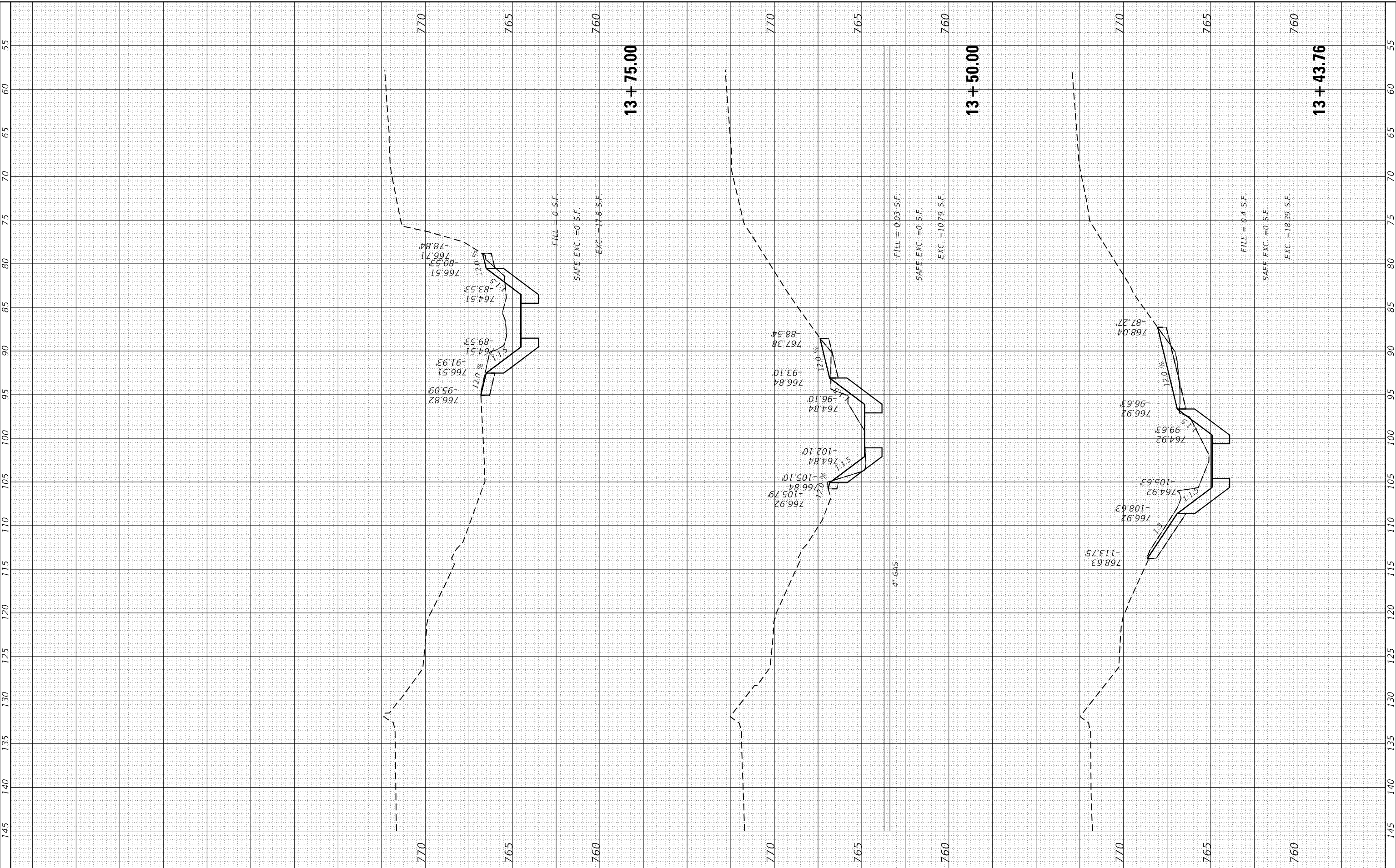
IL RTE 72
 CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	34
			CONTRACT NO. 62V08	
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: Default
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USER NAME = USMM717315
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 12/5/2025

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: $\frac{H}{V} = \frac{1''}{10'}$
 $\frac{H}{V} = \frac{1''}{5'}$

SHEET 6 OF 14 SHEETS STA. 13+43.76 TO STA. 13+75.00

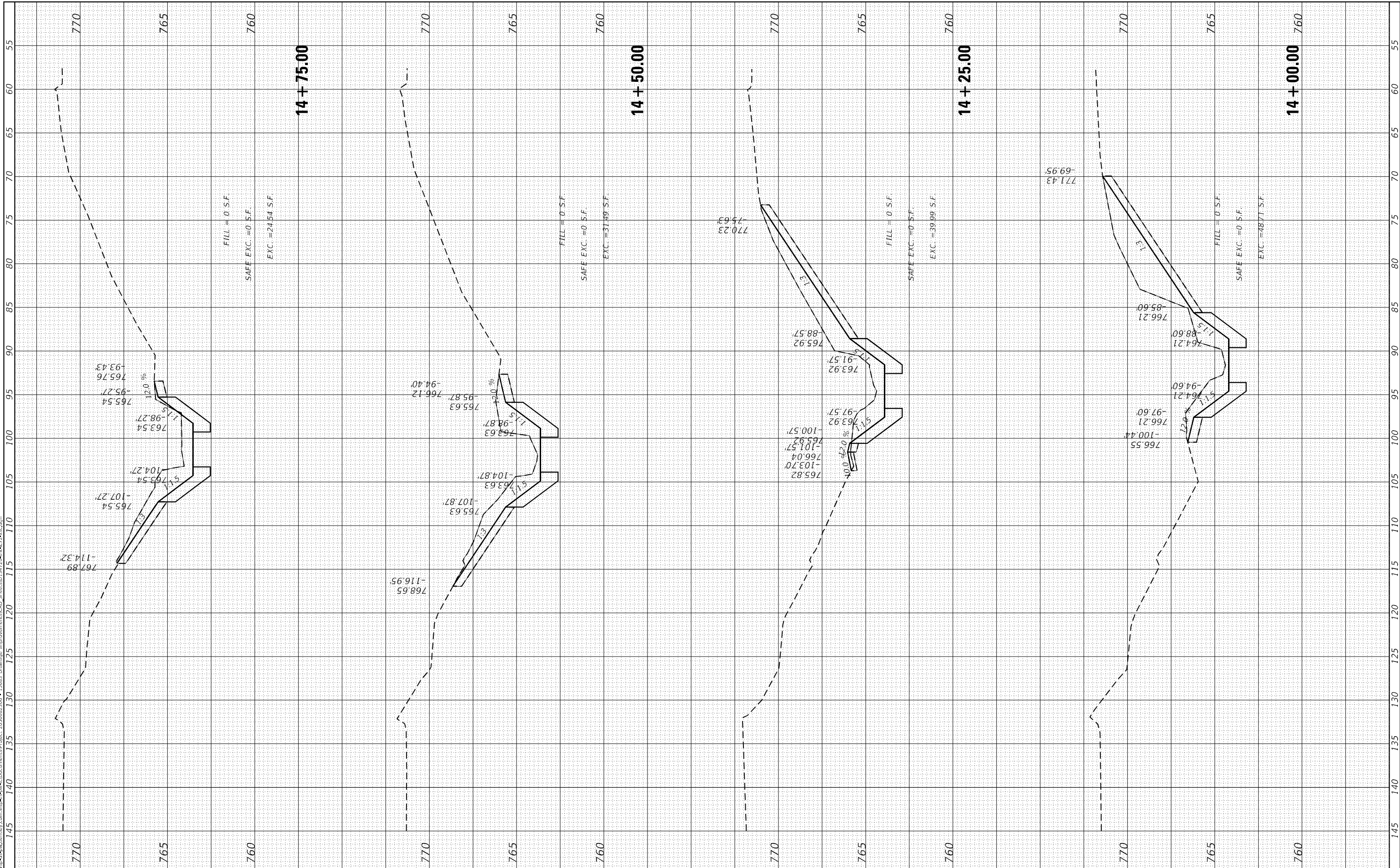
**IL RTE 72
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	35
			CONTRACT NO. 62V08	
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: Default
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 PROJECT: 203002306 - 15683 Drainage Improvements CAD - StreetsID 14+00.dwg



USER NAME = USMM717315	DESIGNED -	REVISOR -
PLOT SCALE = 10,0000' / in.	DRAWN -	REVISOR -
PLOT DATE = 12/5/2025	CHECKED -	REVISOR -
	DATE -	REVISOR -

DESIGNED -	REVISOR -
DRAWN -	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1"=10'
 V: 1"=5'

SHEET 7	OF 14 SHEETS	STA. 14+00.00	TO STA. 14+75.00
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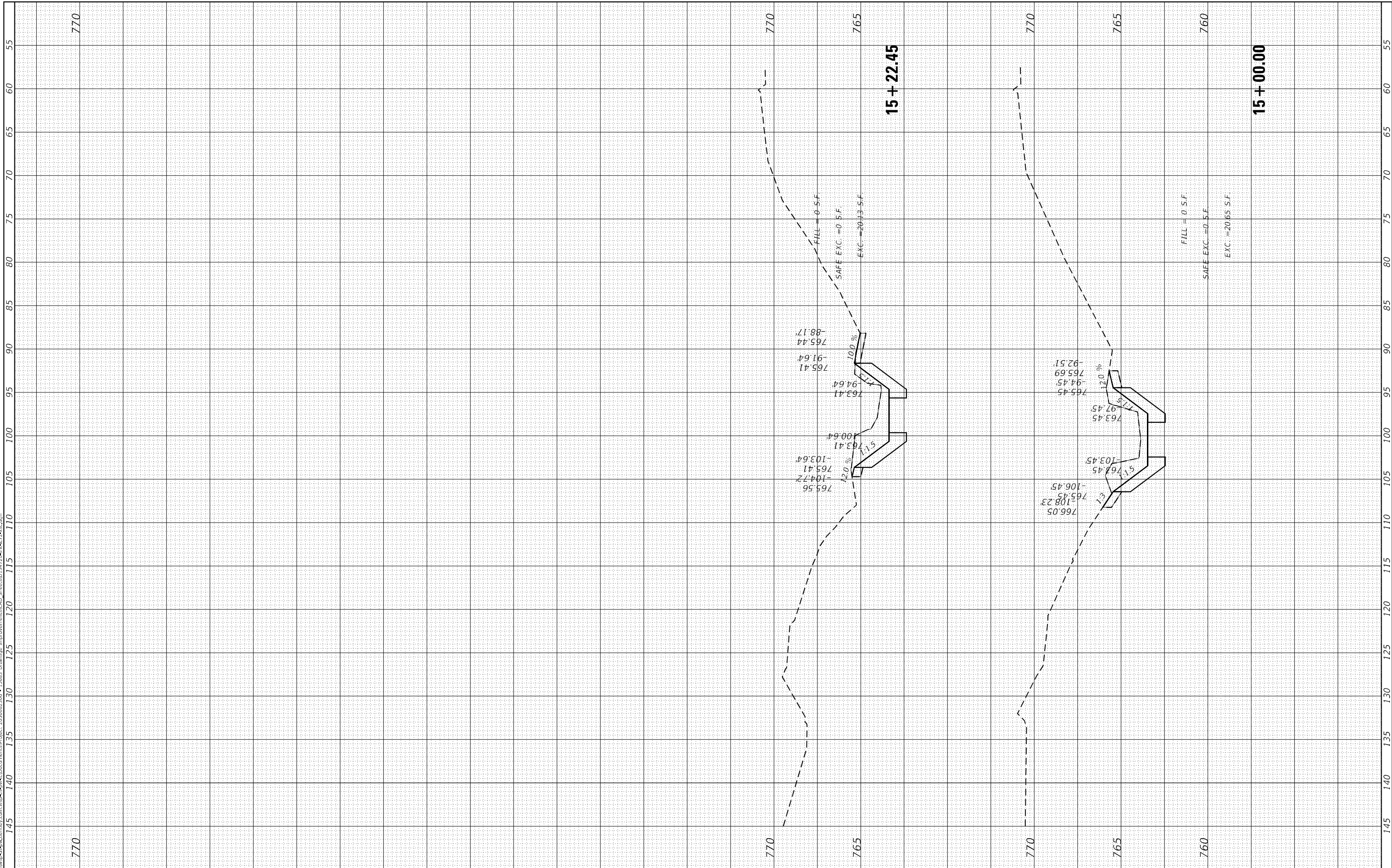
**IL RTE 72
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	36
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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 12/5/2025 12:58:41 PM



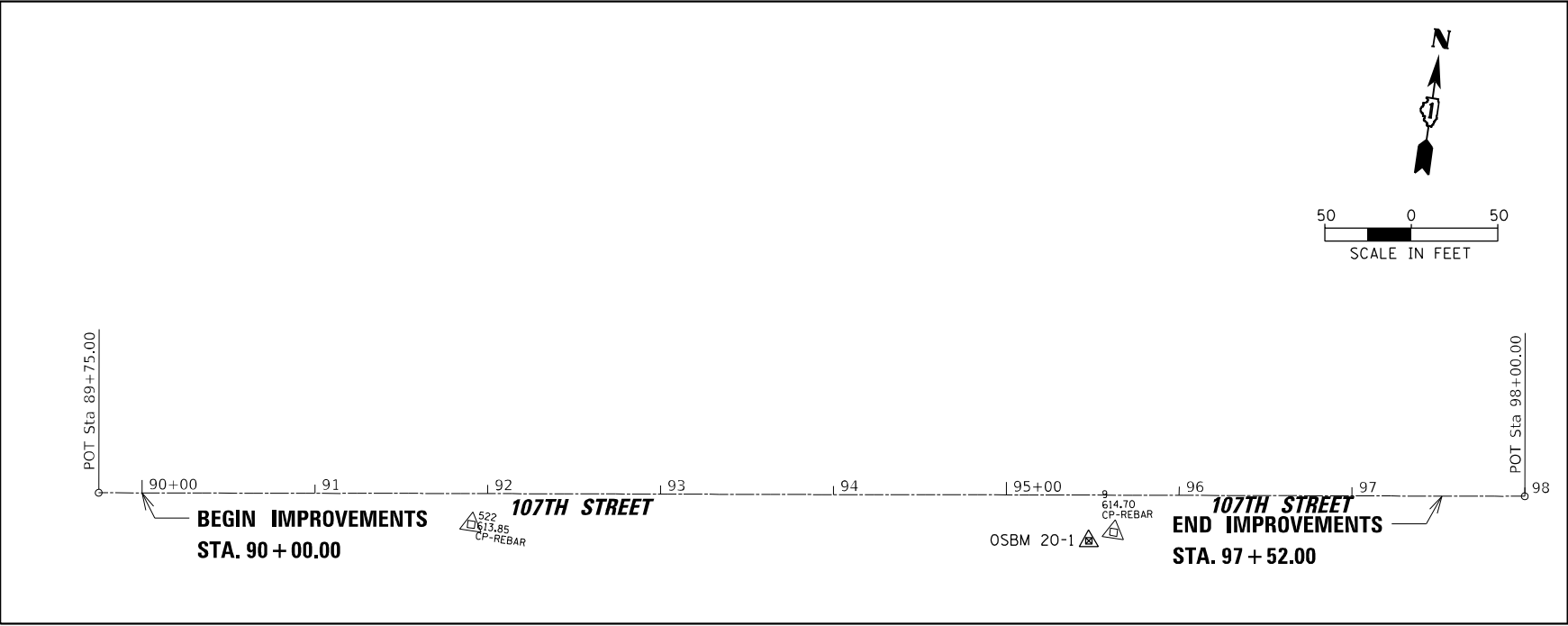
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PLOT SCALE = 10,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/5/2025	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1"=10' V: 1"=5'	SHEET 8	OF 14 SHEETS	STA. 15+00.00	TO STA. 15+75.00
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**IL RTE 72
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	37
			CONTRACT NO. 62V08	
		ILLINOIS FED. AID PROJECT		



SITE #2

BENCHMARKS

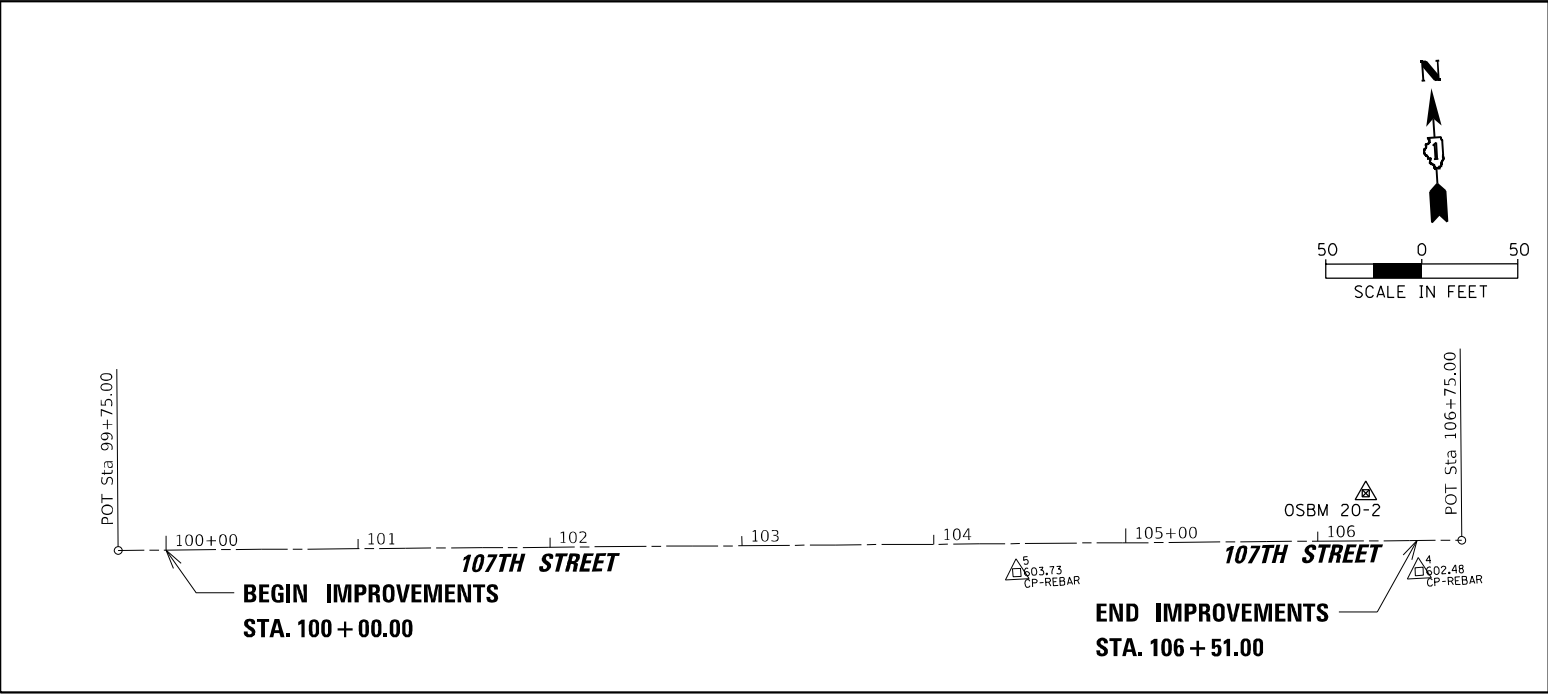
OSBM 20-1 SQUARE CUT ON SOUTHWEST CORNER OF CONC. HEADWALL OF 18" VCP CULVERT ON SOUTH SIDE OF 107TH ST. ELEVATION=615.56

OSBM 20-2 SQUARE CUT ON SOUTHEAST CORNER OF CONC. HEADWALL OF 24" VCP CULVERT ON NORTH SIDE OF 107TH ST. ELEVATION=601.20

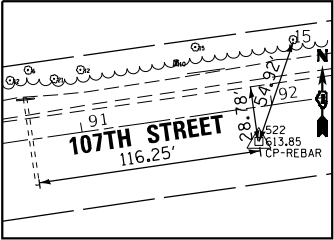
DATUM: NAVD '88 (GPS OBSERVED)

CONTROL POINTS				
107TH STREET				
#	ELEVATION	N	E	
4	602.48	1832749.375	1104178.247	
5	603.73	1832761.625	1103968.964	
9	614.70	1832363.797	1099791.099	
522	613.85	1832314.737	1099422.680	

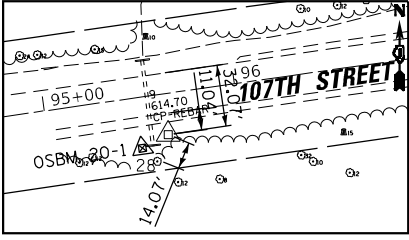
ALIGNMENT COORDINATES				
107TH STREET				
	STATION	N	E	
POT	89+75.00	1832301.8724	1099206.8033	
POT	98+00.00	1832418.6395	1100023.4981	
POT	99+75.00	1832801.6446	1103502.4068	
POT	106+75.00	1832764.3362	1104201.4119	



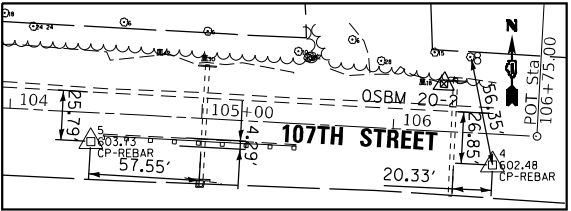
SITE #1



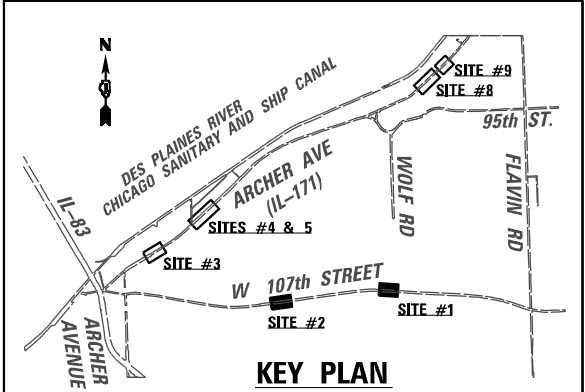
CONTROL POINT #522



CONTROL POINT #9



CONTROL POINT #4 AND 5



KEY PLAN



USER NAME = USMM717315	DESIGNED - MM	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN - MM	REVISED -
PLOT DATE = 12/8/2025	CHECKED - KE	REVISED -
	DATE - 12/10/2025	REVISED -

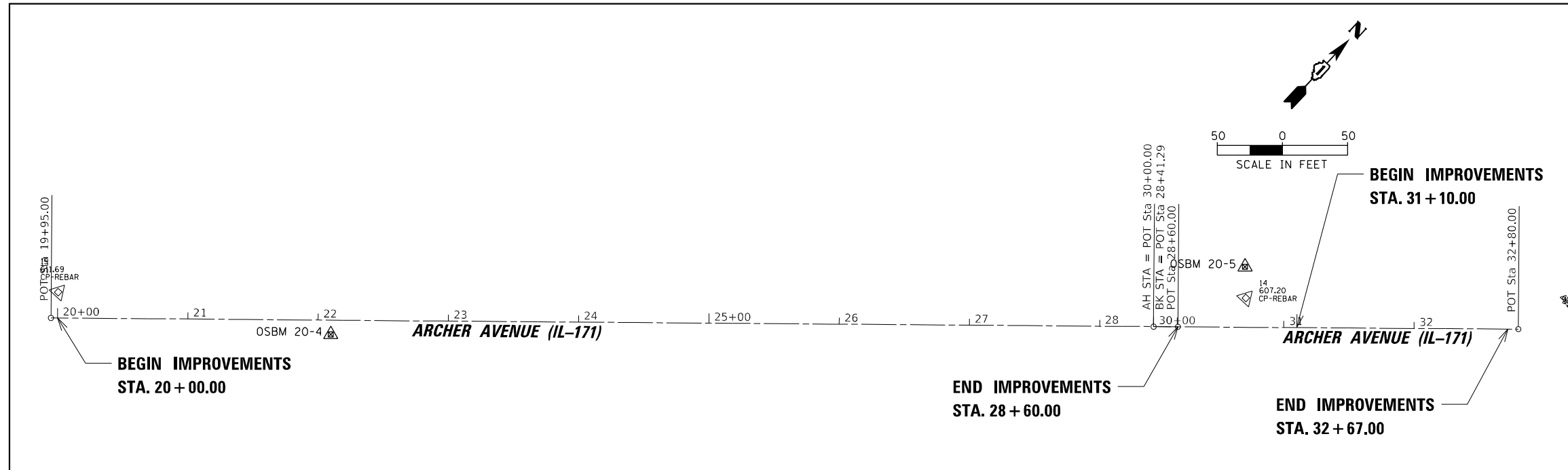
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITES #1 AND 2 - 107TH STREET
ALIGNMENT, TIES AND BENCHMRKS**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 90+00.00 TO STA. 106+75.00

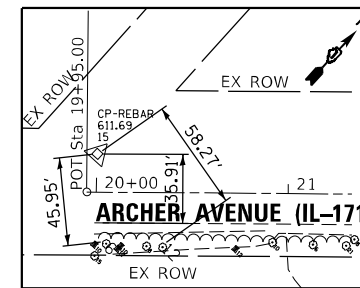
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	38
CONTRACT NO. 62V08				
ILLINOIS		FED. AID PROJECT		

MODEL: Default FILE: Name: 2023 Vars - 15683_Drainage_Improvements\Documents\CAD_Sheets\13472025\1171.dwg - 10.dwg

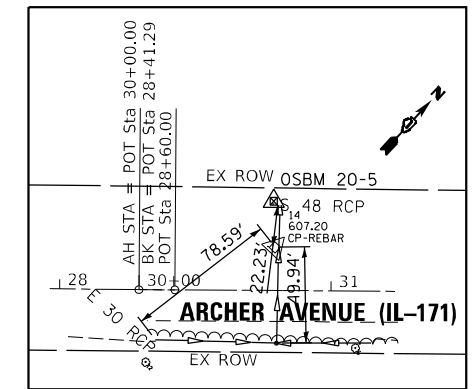


SITE #4

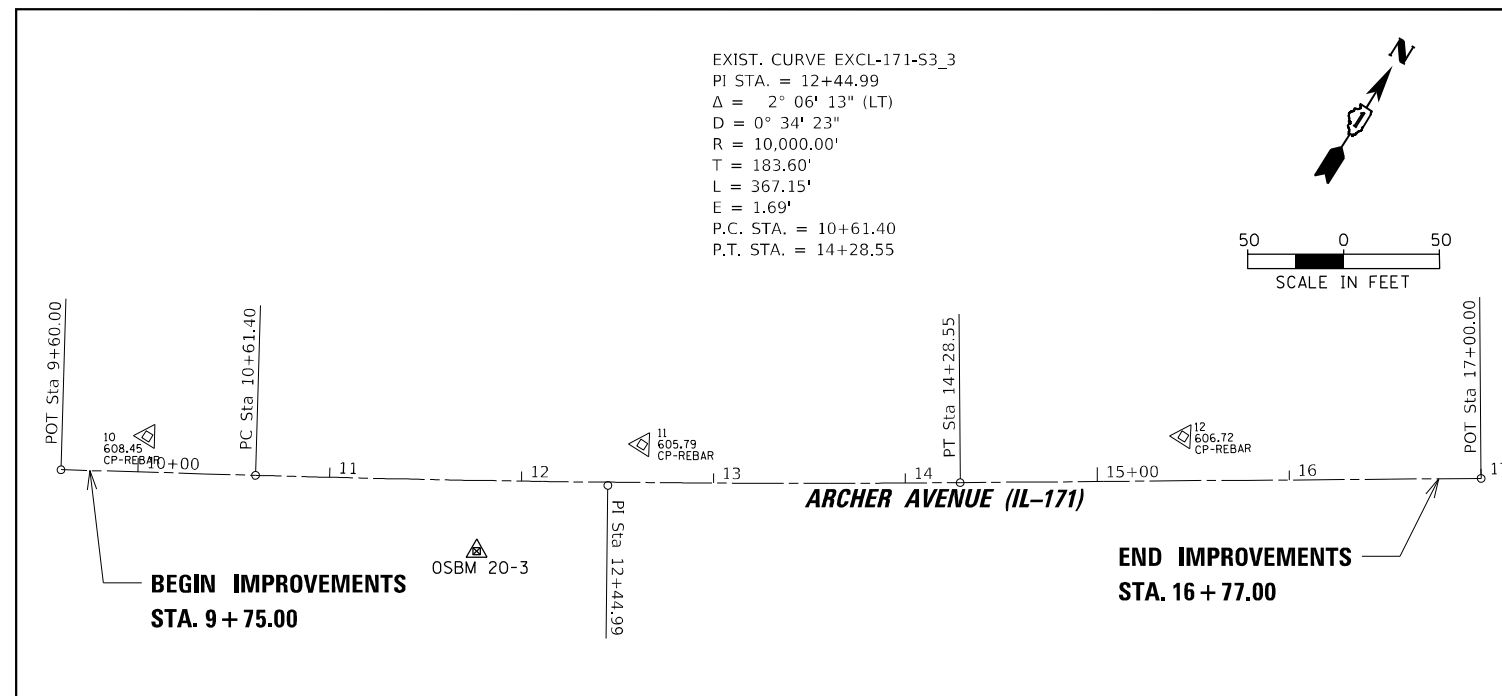
SITE #5



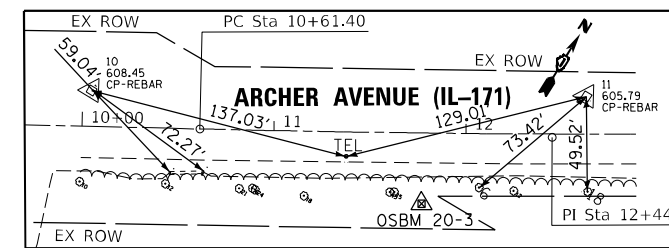
CONTROL POINT #15



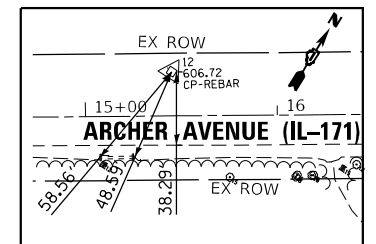
CONTROL POINT #14



SITE #3



CONTROL POINT #10 AND 11



CONTROL POINT #12

EXIST. CURVE EXCL-171-S3_3
 PI STA. = 12+44.99
 $\Delta = 2^\circ 06' 13''$ (LT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 183.60'$
 $L = 367.15'$
 $E = 1.69'$
 P.C. STA. = 10+61.40
 P.T. STA. = 14+28.55

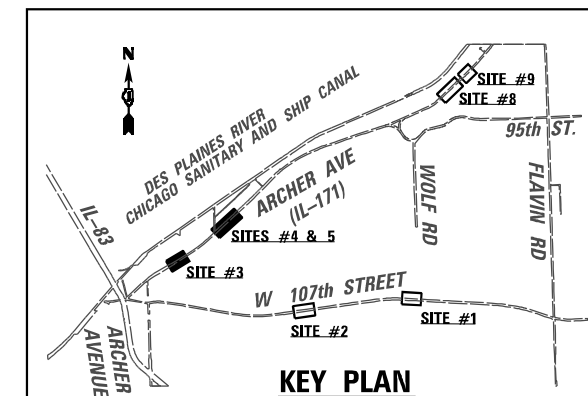
BENCHMARKS

OSBM 20-3 BRASS DISK IN CONC. MONUMENT ON SOUTH SIDE OF ARCHER AVE. APPROX. $\pm 225'$ SOUTHWEST OF A CONC. HEADWALL WITH A 36"x30" CULVERT. ELEVATION=609.78

OSBM 20-4 NORTH EDGE OF AT&T TEL MANHOLE RIM 10' SOUTH OF ARCHER AVE. & APPROX. $\pm 385'$ SOUTHWEST OF SOUTH CONC. HEADWALL OF 30"x15" CULVERT. ELEVATION=611.29

OSBM 20-5 SQUARE CUT IN TOP END OF 48" RCP FES WEST WALL ON NORTH SIDE OF ARCHER AVE. ELEVATION=602.08

DATUM: NAVD '88 (GPS OBSERVED)



KEY PLAN

CONTROL POINTS			
107TH STREET			
#	ELEVATION	N	E
10	608.45	1834130.9548	1094357.2460
11	605.79	1834264.2212	1094577.9694
12	606.72	1834417.5834	1094814.5492
14	607.20	1836028.2678	1096800.6012
15	611.69	1835411.3292	1096129.5269

ALIGNMENT COORDINATES		
ARCHER AVENUE (IL-171)		
STATION	N	E
POT 9+60.00	1834092.2704	1094328.3474
PC 10+61.40	1834143.6560	1094415.7588
PI 12+44.99	1834236.6997	1094574.0340
PT 14+28.55	1834335.4904	1094728.7871
POT 17+00.00	1834481.5525	1094957.5895
POT 19+95.00	1835393.0624	1096138.9745
POT 28+41.29	1835963.9624	1096763.7035
POT 28+60.00	1835976.5814	1096777.5123
POT 30+00.00	1835963.9624	1096763.7035
POT 32+80.00	1836153.0480	1096970.2141

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 PROJECT: 2050082306 - 15683 Drainage Improvements CAD Sheets\13472024\IL171\align-102.dgn



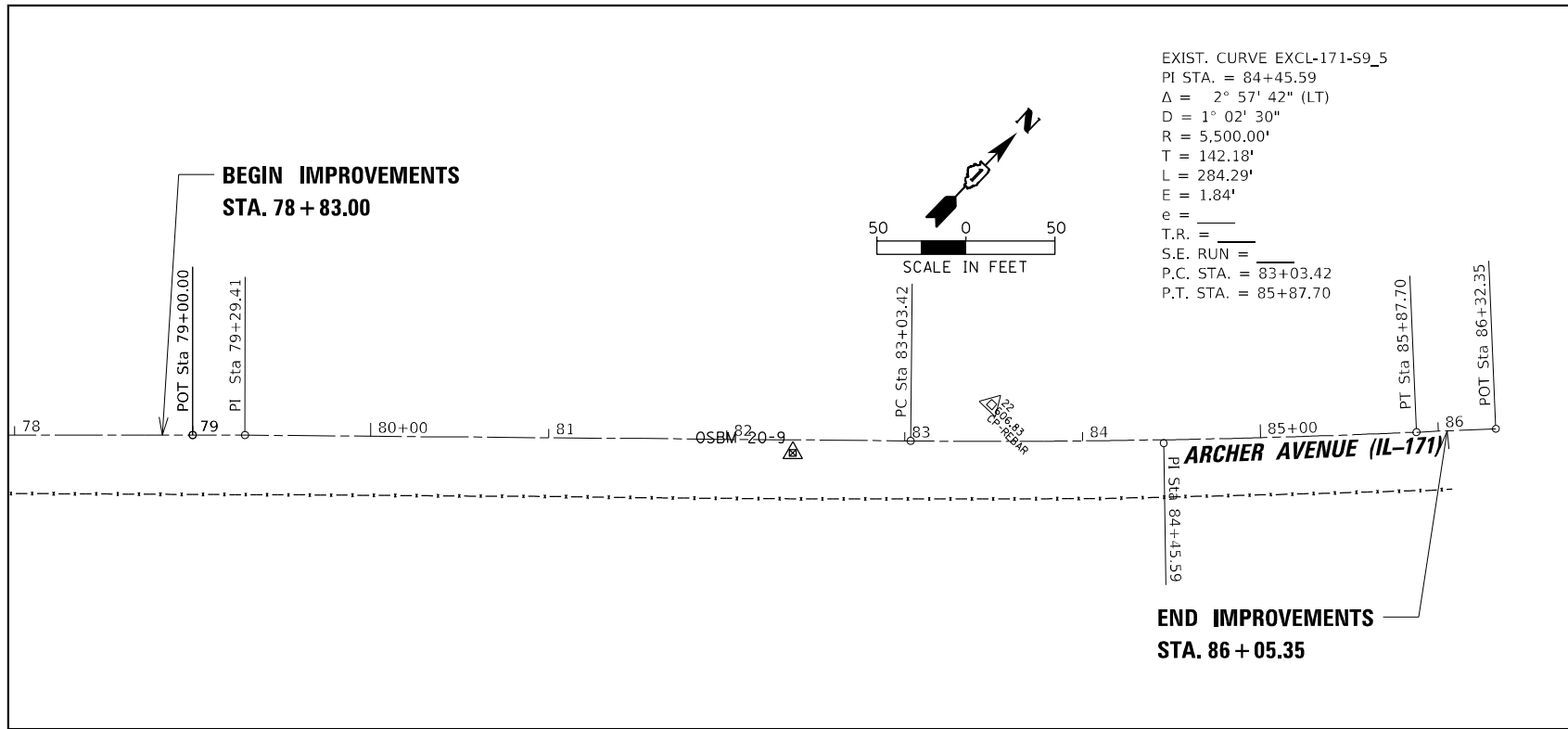
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PLOT SCALE = 100,0000' / in.	DRAWN - MM	REVISED -
PLOT DATE = 12/8/2025	CHECKED - KE	REVISED -
	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #3, 4 AND 5 - IL RTE 171
 ALIGNMENT, TIES AND BENCHMARKS**

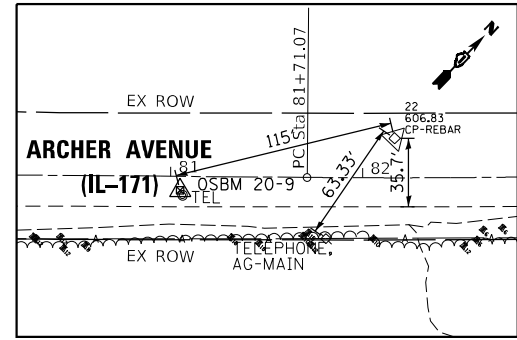
SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 9+60.00 TO STA. 32+80.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	39
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

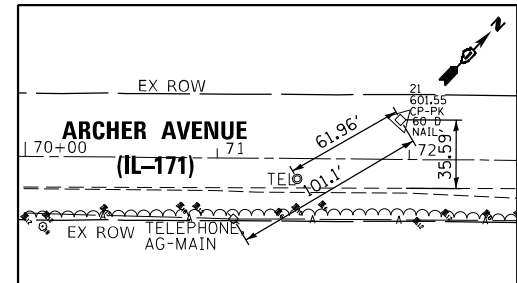


SITE #9

EXIST. CURVE EXCL-171-S9_5
 PI STA. = 84+45.59
 $\Delta = 2^\circ 57' 42''$ (LT)
 $D = 1^\circ 02' 30''$
 $R = 5,500.00'$
 $T = 142.18'$
 $L = 284.29'$
 $E = 1.84'$
 $e = \text{---}$
 T.R. = ---
 S.E. RUN = ---
 P.C. STA. = 83+03.42
 P.T. STA. = 85+87.70



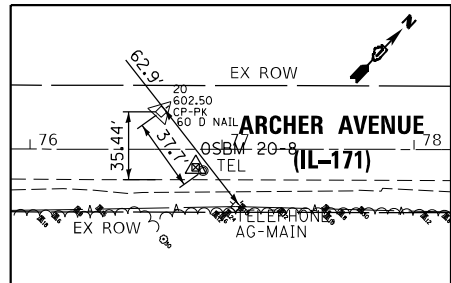
CONTROL POINT #22



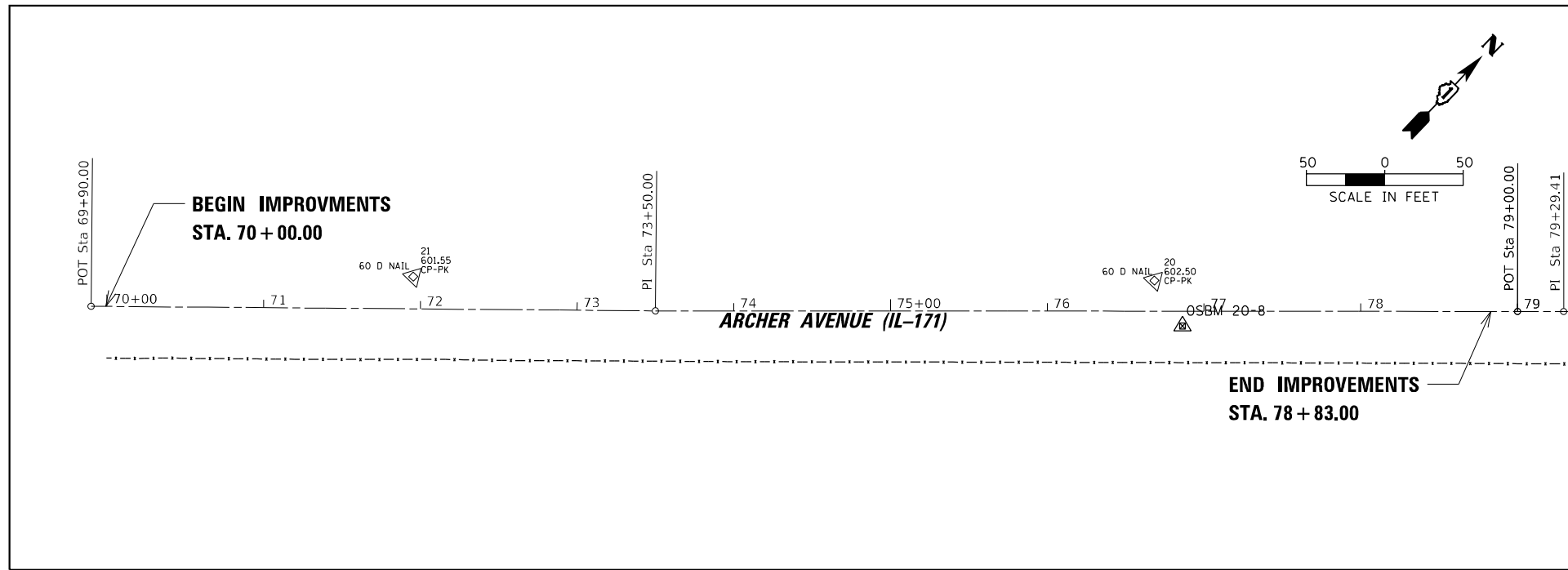
CONTROL POINT #21

CONTROL POINTS			
ARCHER AVENUE (IL-171)			
#	ELEVATION	N	E
20	602.50	1834130.9548	1094357.2460
21	601.55	1834264.2212	1094577.9694
22	606.83	1834417.5834	1094814.5492

ALIGNMENT COORDINATES			
ARCHER AVENUE (IL-171)			
STATION	N	E	
POT	69+90.00	1840674.7119	1104976.0967
PI	73+50.00	1840921.1027	1105238.5687
POT	79+00.00	1841300.5198	1105636.7429
POT	79+90.00	1841452.7993	1105798.7579
PC	81+71.07	1841576.6715	1105930.8255
PI	83+13.25	1841673.9358	1106034.5248
PT	84+55.36	1841776.4279	1106133.0603
POT	85+00.00	1841808.6101	1106164.0002



CONTROL POINT #20

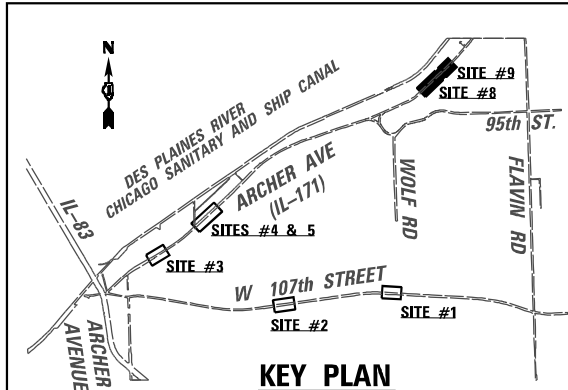


SITE #8

BENCHMARKS

OSBM 20-8 NORTH EDGE OF AT&T TEL MANHOLE SOUTH OF C ARCHER AV. APPROX. $\pm 200'$ WEST OF WEST END OF GUARDRAIL. ELEVATION=603.06
 OSBM 20-9 NORTH EDGE OF AT&T TEL MANHOLE RIM APPROX. $\pm 110'$ EAST OF EAST END OF GAURDRAIL $10'$ SOUTH OF ARCHER AVE. C ELEVATION=606.36

DATUM: NAVD '88 (GPS OBSERVED)



KEY PLAN

MODEL: D:\default... FILE: NAME: p:\wsp\p-15683\p-15683\p-15683.dwg... PROJECT: 2050082306 - 15683 Drainage Improvements\CAD Sheets\171-Align-104.dwg



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DRAWN - MM	REVISED -	
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PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

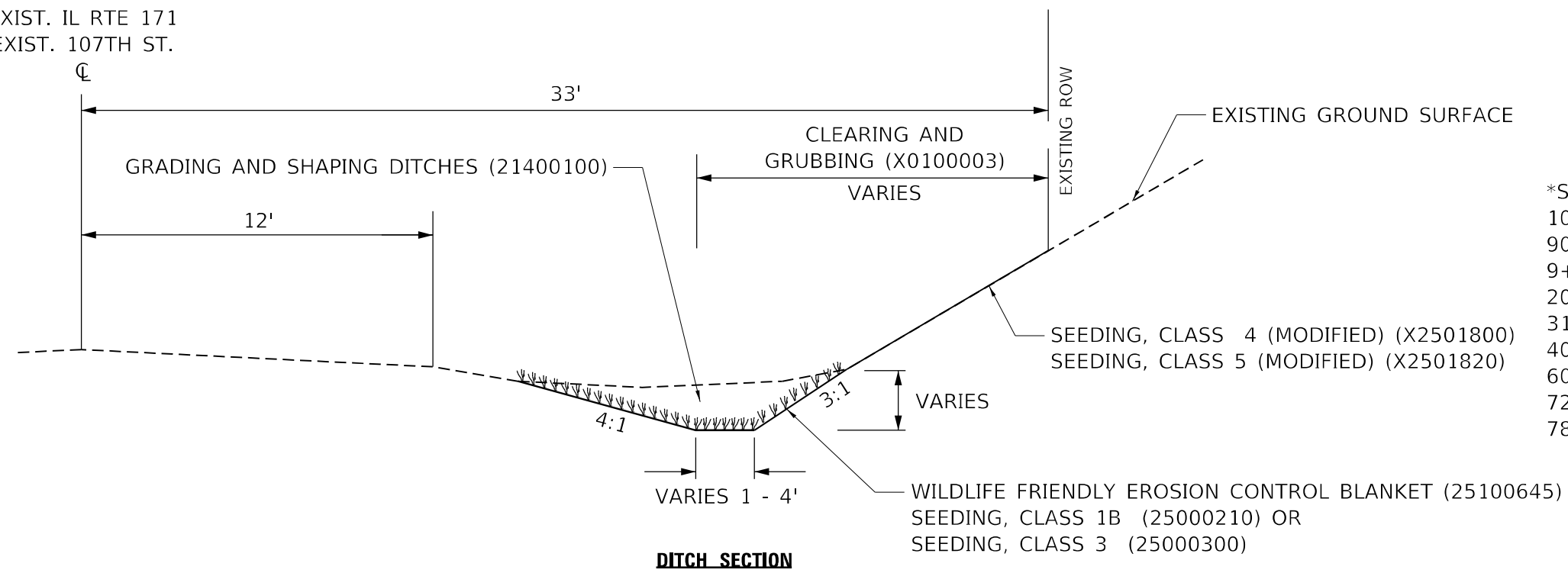
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #8 AND 9 - IL RTE 171
ALIGNMENT, TIES AND BENCHMRKS

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 69+90.00 TO STA. 85+00.00

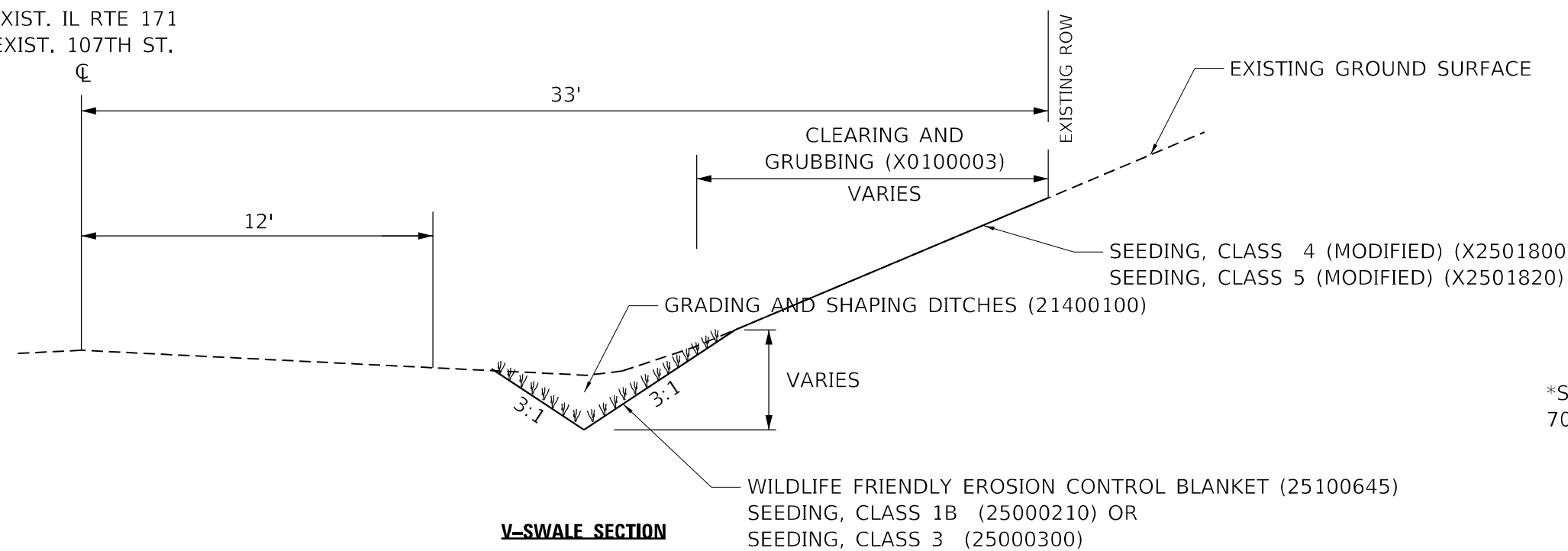
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	40
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

EXIST. IL RTE 171
EXIST. 107TH ST.



*STATIONS:
100+00.00 TO 106+51.00 (SITE#1)
90+00.00 TO 97+52.00 (SITE#2)
9+75.00 TO 16+77.00 (SITE#3)
20+00.00 TO 28+60.00 (SITE#4)
31+10.00 TO 32+67.00 (SITE#5)
40+00.00 TO 46+10.00 (SITE#6)
60+48.00 TO 63+03.50 (SITE#7)
72+00.00 TO 78+83.00 (SITE#8)
78+83.00 TO 86+05.35 (SITE#9)

EXIST. IL RTE 171
EXIST. 107TH ST.



*STATIONS:
70+00.00 TO 72+00.00 (SITE#8)

MODEL: Default
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 Project: 205002306 - 15683 Drainage Improvements



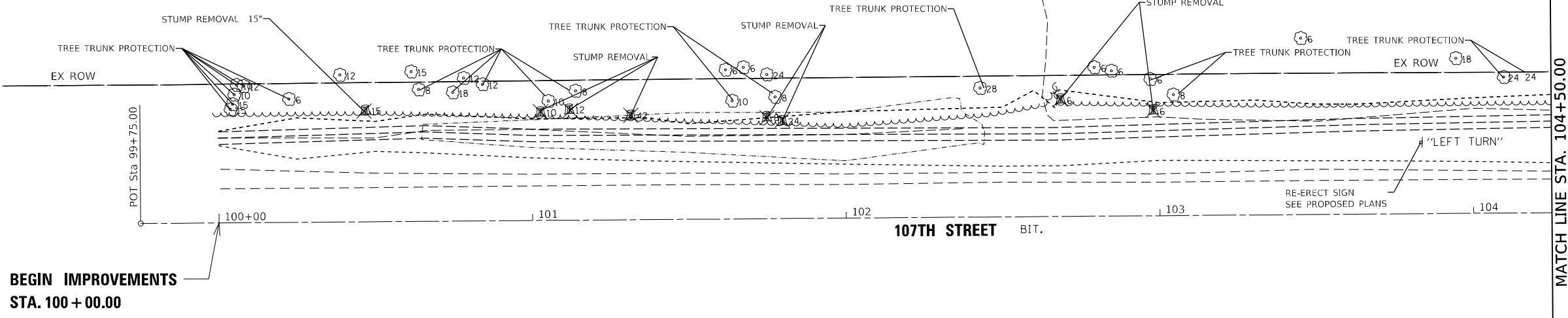
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	DRAWN - MM	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED - KE	REVISED -
PLOT DATE = 1/27/2026	DATE - 01/28/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
IL ROUTE 171 AND 107TH STREET

SCALE: SHEET OF SHEETS STA. TO STA.

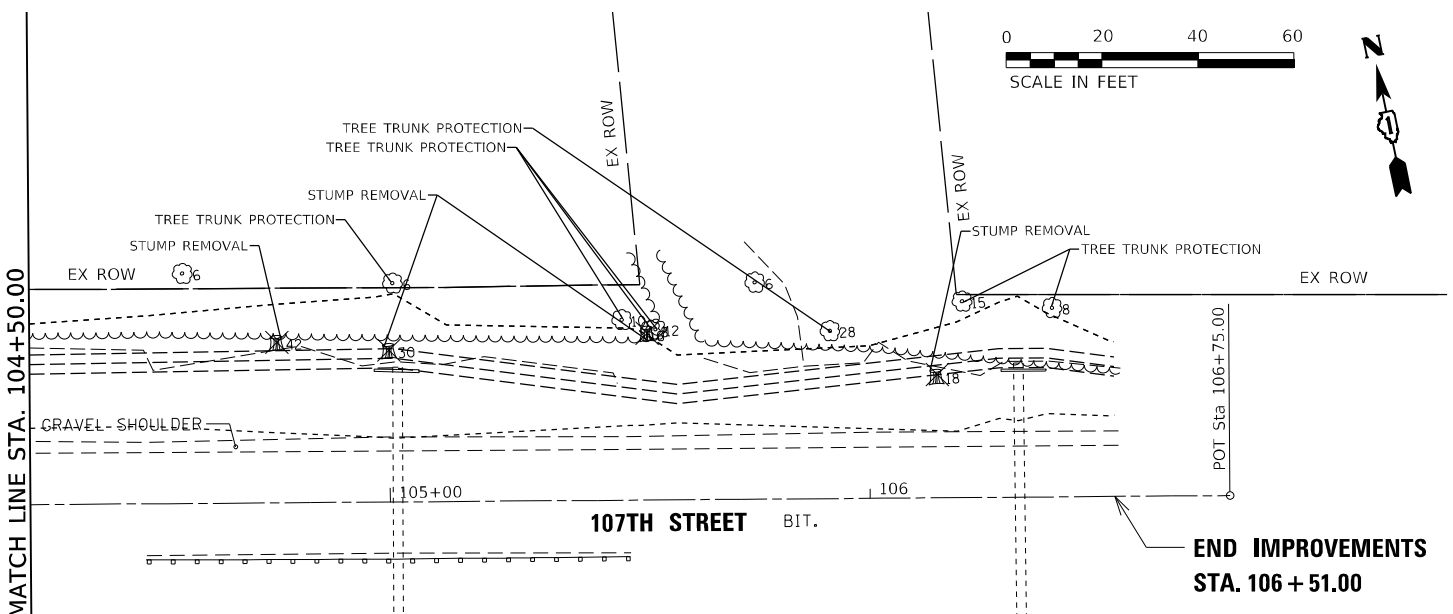
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	41
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



**BEGIN IMPROVEMENTS
STA. 100 + 00.00**

MATCH LINE STA. 104+50.00

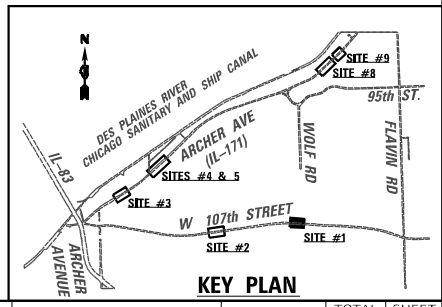
LEGEND
X STUMP REMOVAL



MATCH LINE STA. 104+50.00

**END IMPROVEMENTS
STA. 106 + 51.00**

LEGEND
X STUMP REMOVAL



MODEL: Default FILE NAME: p:\work\sp\ps\p\h\h\h\h\Documents\Project_2050082306 - 15683_Drainage_Improvements\CAD_Sheets\134720\sheet\11_1_10_20.dwg

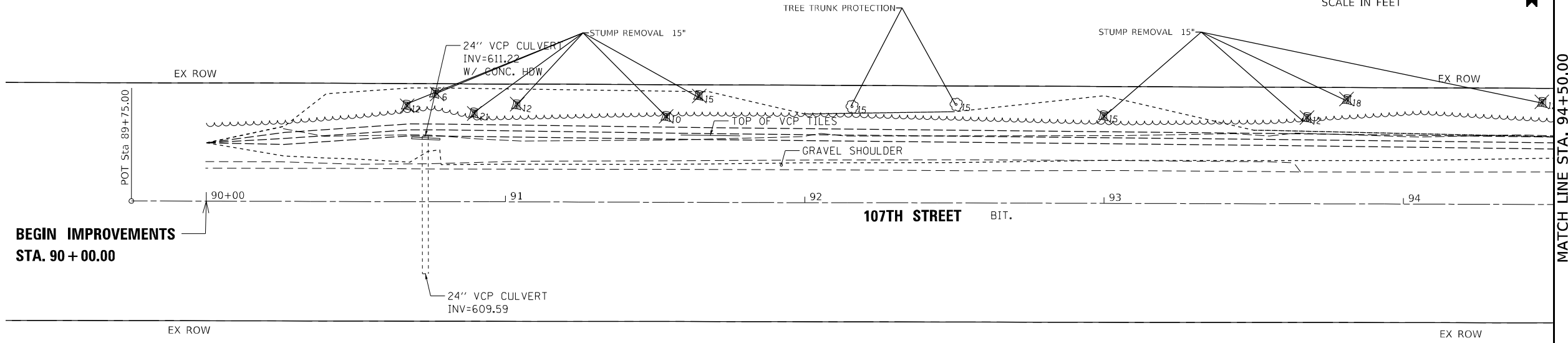
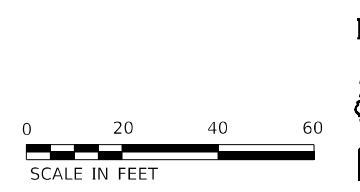


USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISOR -	
PLOT SCALE = 40,0000 * / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SITE #1 107TH STREET REMOVAL PLAN		
SCALE: 1"=20'	SHEET 3	OF 7 SHEETS
STA. 99+75.00		TO STA. 106+75.00

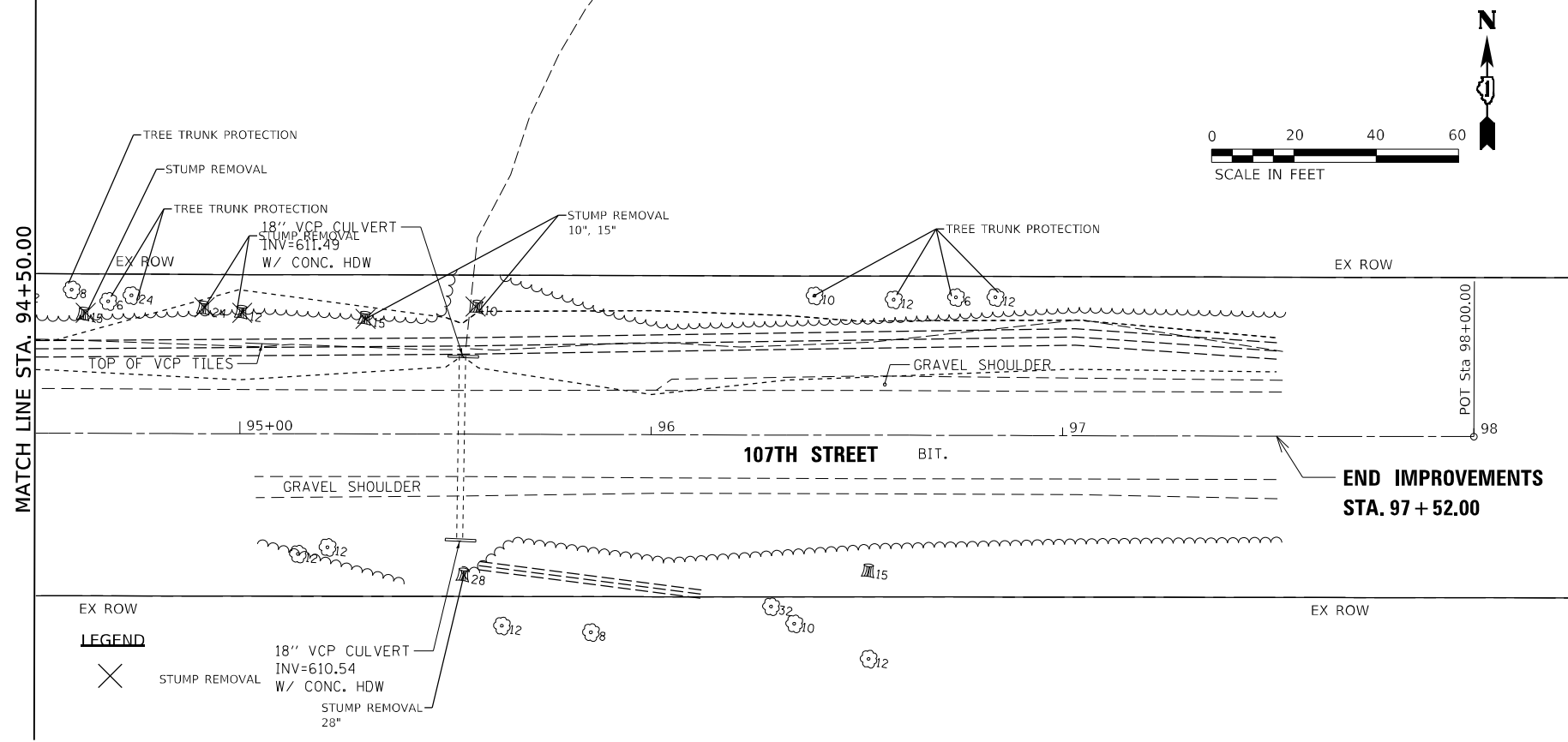
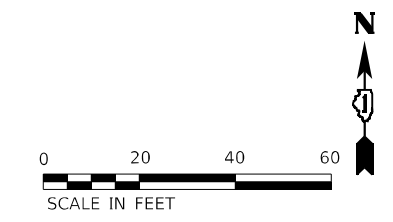
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	42
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				



**BEGIN IMPROVEMENTS
STA. 90 + 00.00**

MATCH LINE STA. 94+50.00

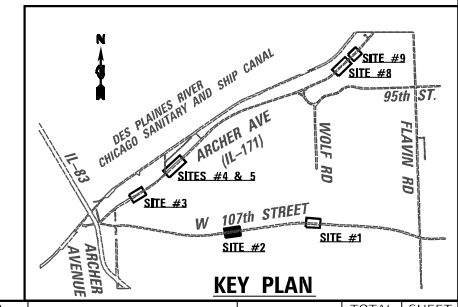
LEGEND
X STUMP REMOVAL



MATCH LINE STA. 94+50.00

**END IMPROVEMENTS
STA. 97 + 52.00**

LEGEND
X STUMP REMOVAL
18" VCP CULVERT
INV=610.54
W/ CONC. HDW
STUMP REMOVAL
28"



MODEL: D:\p\11... FILE NAME: p:\11... PROJECT: 2050082306 - 15683 Drainage Improvements CAD Sheets\134720\sheet\11-rem-102.dwg



USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

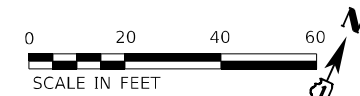
**SITE #2 107TH STREET
REMOVAL PLAN**

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 89+75.00 TO STA. 98+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	43
			CONTRACT NO. 62V08	

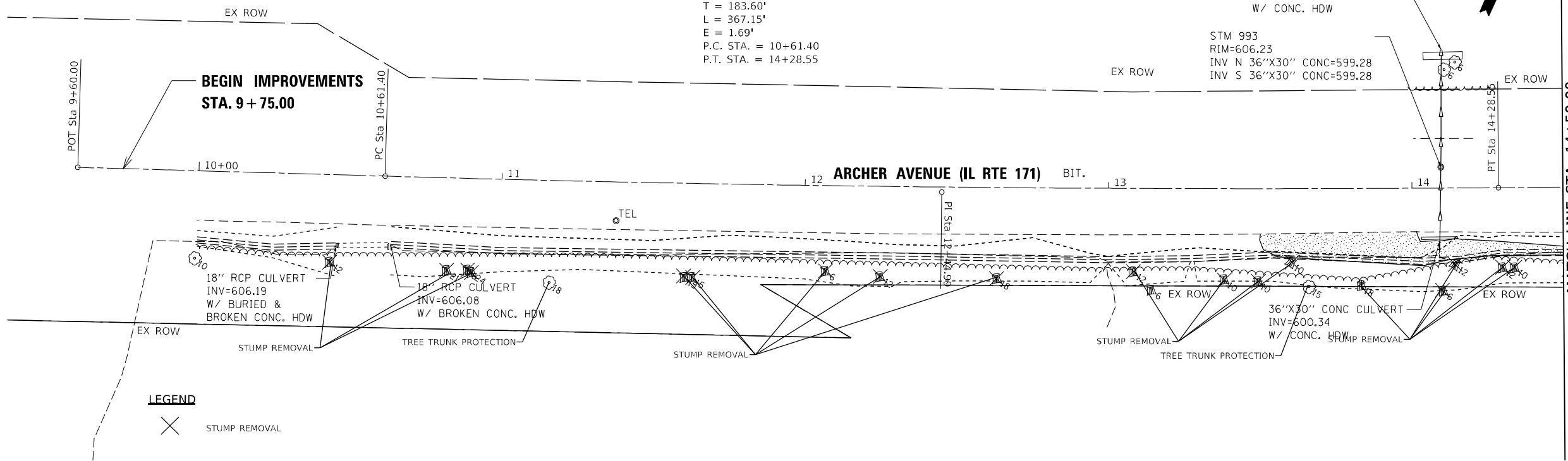
ILLINOIS FED. AID PROJECT

EXIST. CURVE EXCL-171-S3_3
 PI STA. = 12+44.99
 $\Delta = 2^\circ 06' 13''$ (LT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 183.60'$
 $L = 367.15'$
 $E = 1.69'$
 P.C. STA. = 10+61.40
 P.T. STA. = 14+28.55

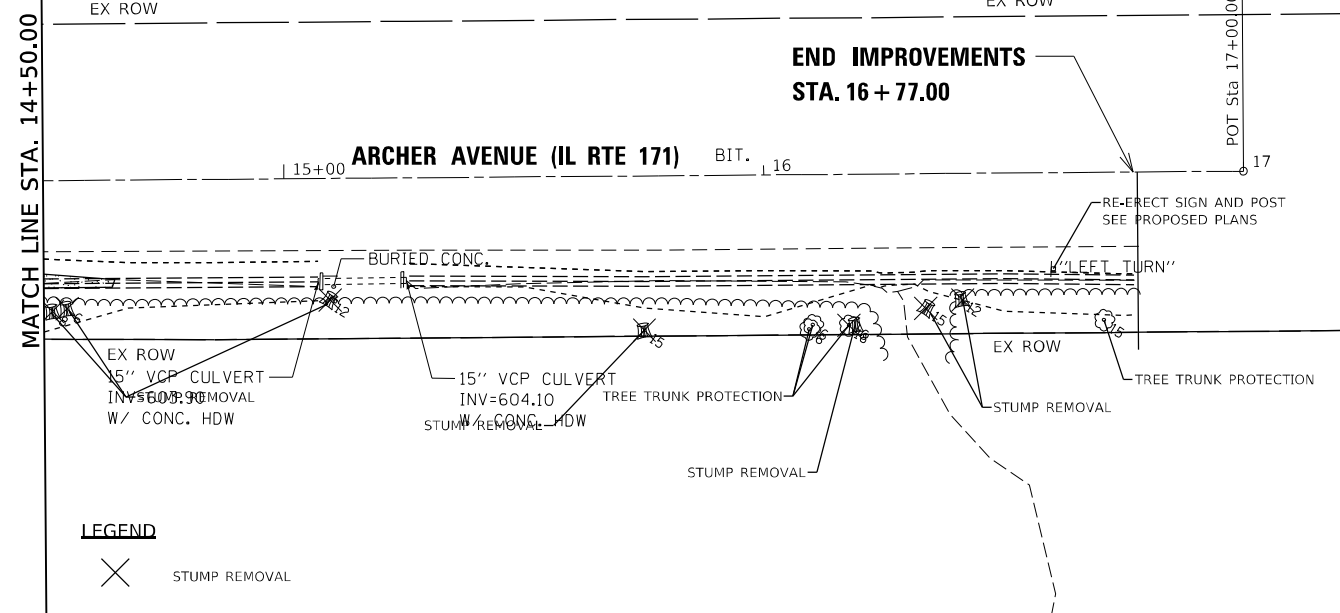
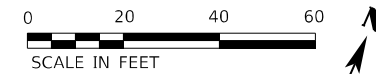


36"X30" CONC CULVERT
 INV=598.82
 W/ CONC. HDW

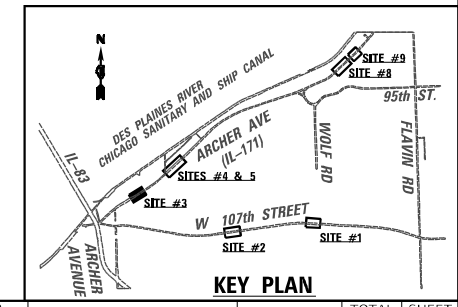
STM 993
 RIM=606.23
 INV N 36"X30" CONC=599.28
 INV S 36"X30" CONC=599.28



LEGEND
 X STUMP REMOVAL



LEGEND
 X STUMP REMOVAL



MODEL: Default
 FILE NAME: p:\wsp\p-15683\15683.dwg
 PROJECT: 2050082306 - 15683 Drainage Improvements CAD Sheets\171-rem-103.dwg



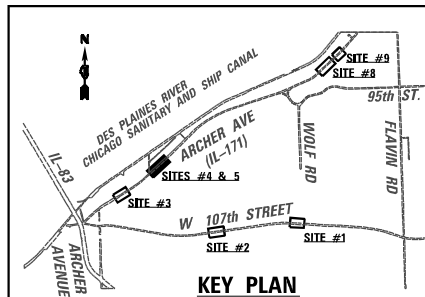
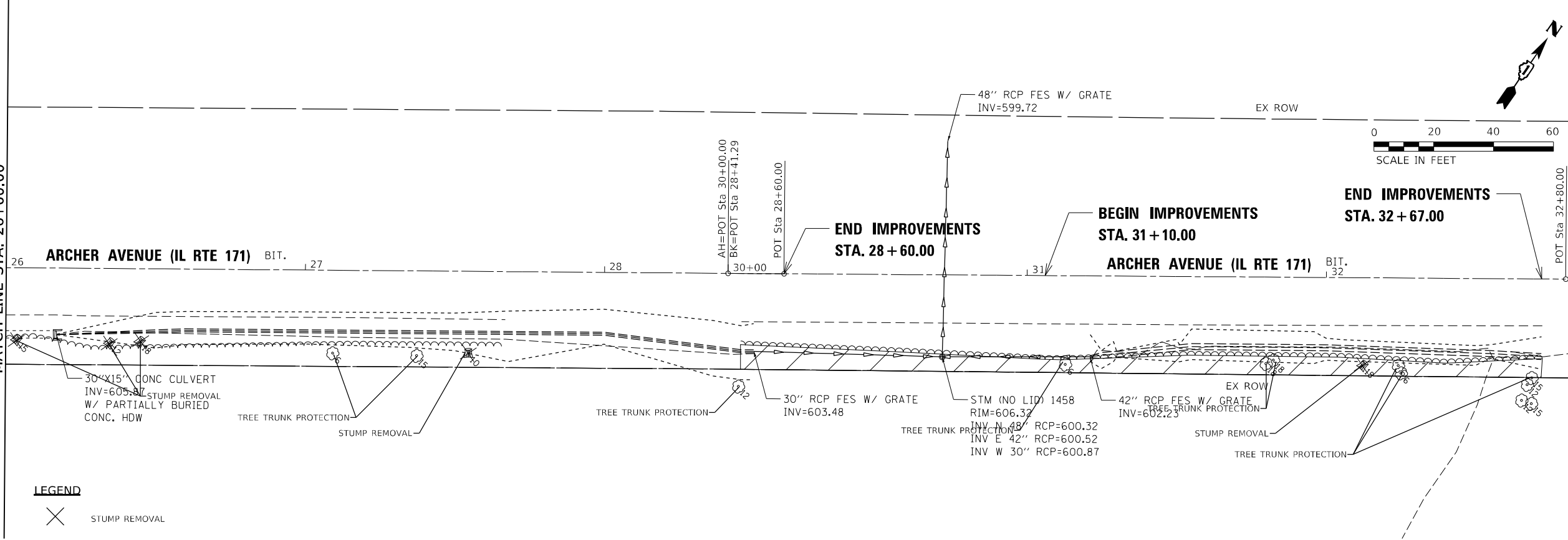
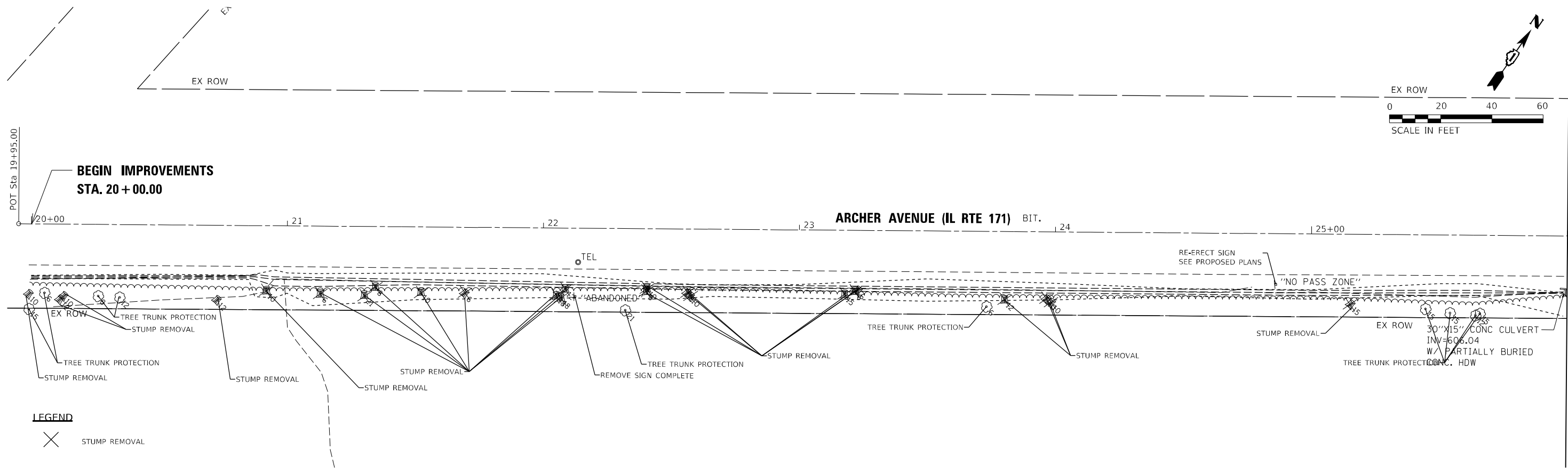
USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000 */ in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITE #3 IL RTE 171
 REMOVAL PLAN**

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 9+85.00 TO STA. 17+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	44
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: p:\wsp\p4\pk\benfey\com\p4\p4\p4\Documents\Project_2050082306 - 15683_Drainage_Improvements\CAD_Sheets\134720\Arch171-rm-104.dwg
 PROJECT: 2050082306 - 15683_Drainage_Improvements



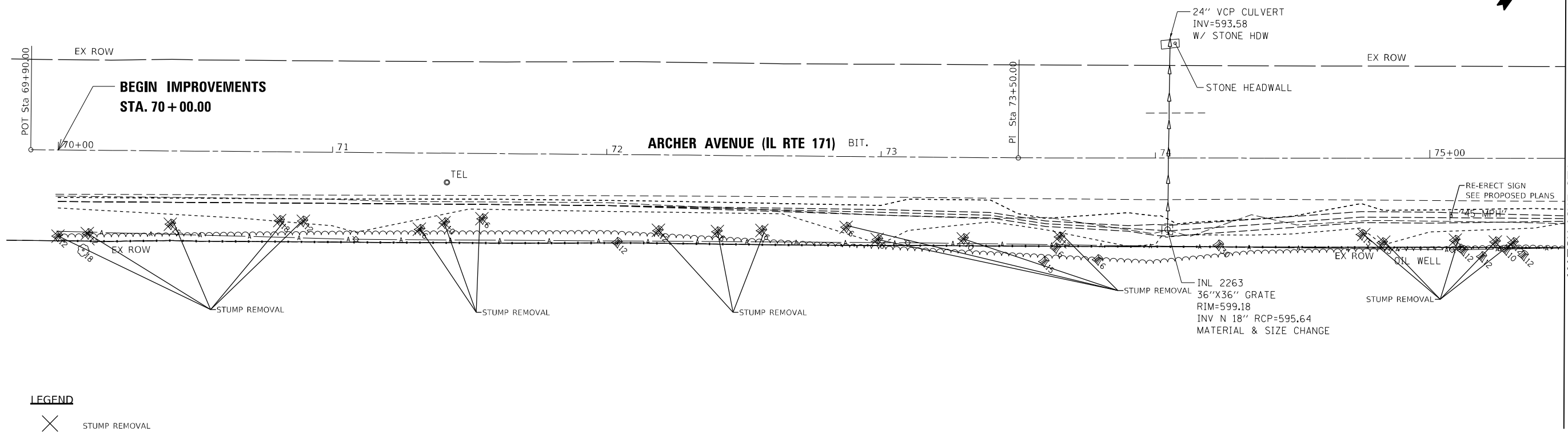
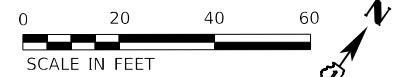
USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000 */ in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

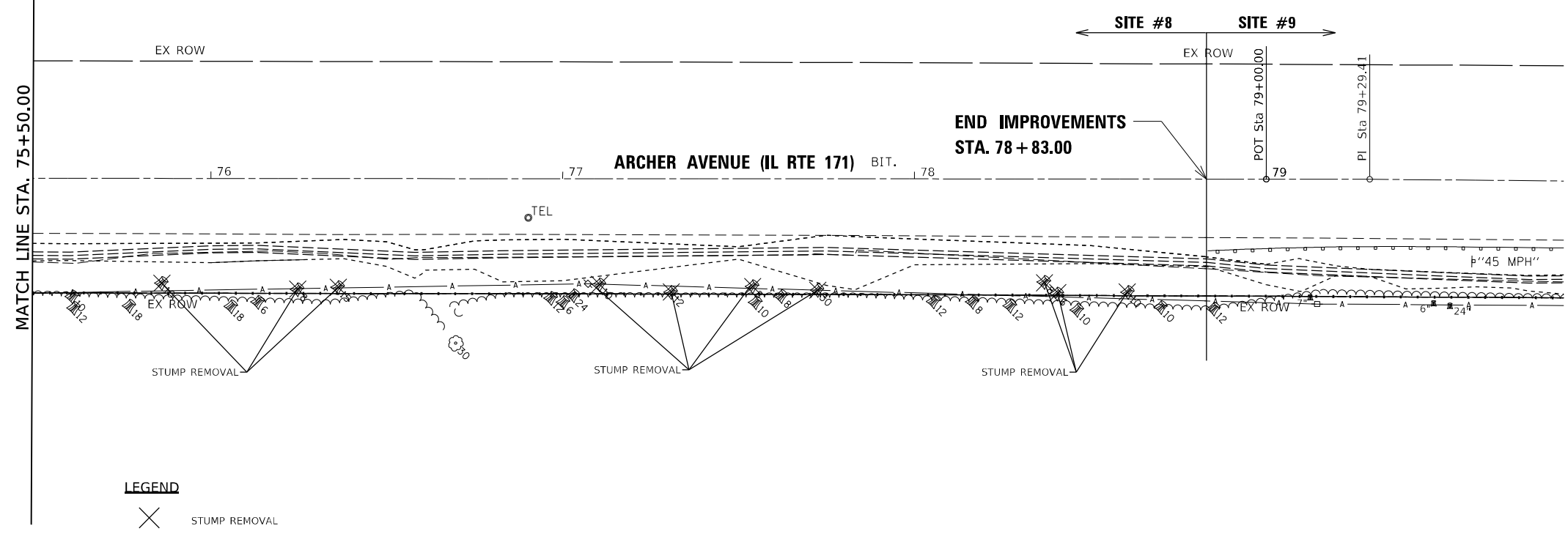
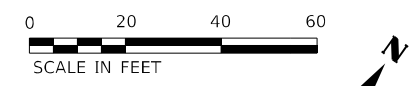
SITES #4 & 5 IL RTE 171
REMOVAL PLAN

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 19+95.00 TO STA. 32+75.00

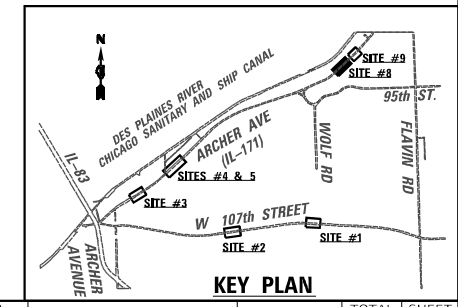
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	45
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



LEGEND
 STUMP REMOVAL



LEGEND
 STUMP REMOVAL



MODEL: Default
 FILE NAME: p:\wsp\p-wp-pw-bentley.com\user\p-wp-bentley.com\p-wp-bentley.com\Documents\Project: 2050082306 - 15683 Drainage Improvements\CAD Sheets\13472024\171-rem-106.dgn



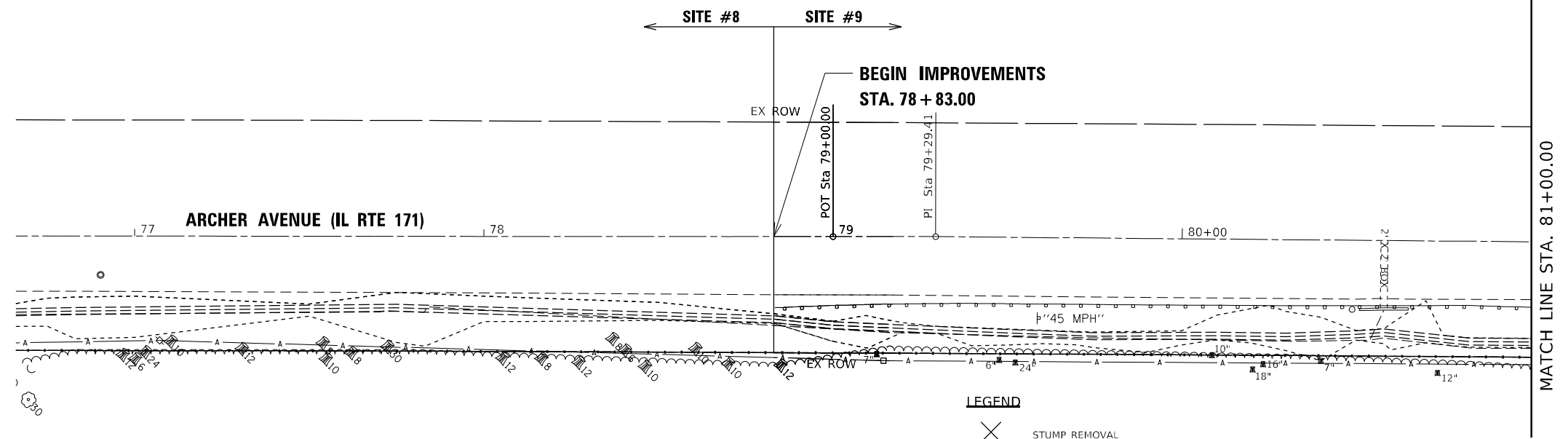
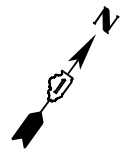
USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000' / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE #8 IL RTE 171
REMOVAL PLAN**

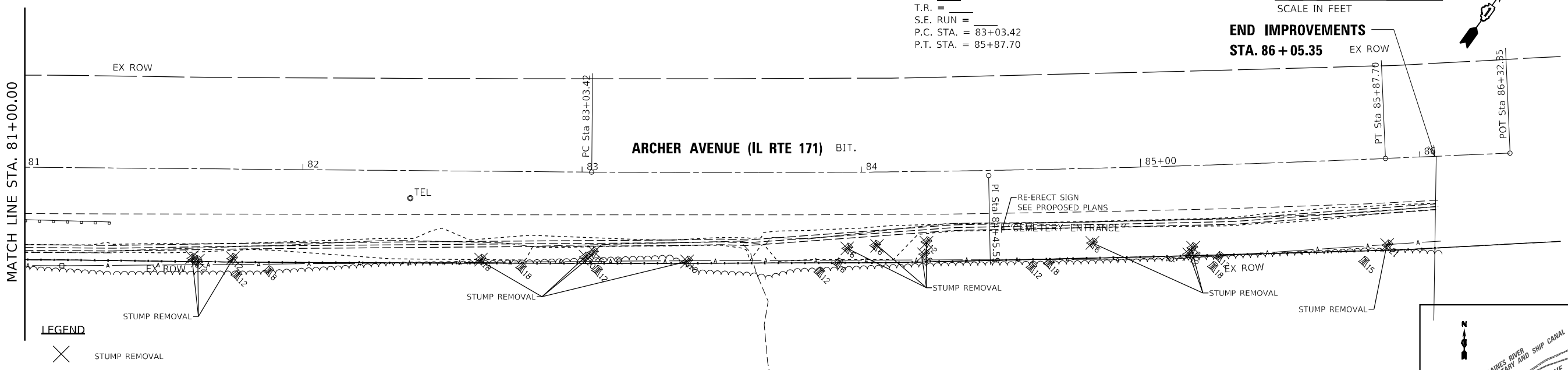
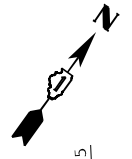
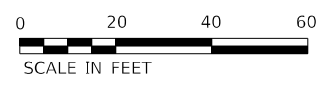
SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 69+90.00 TO STA. 79+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	46
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

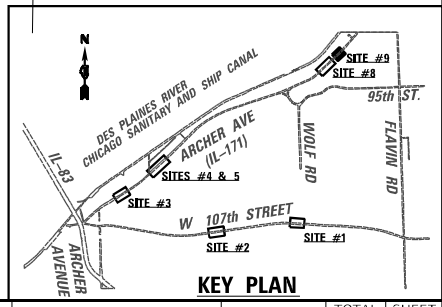


LEGEND
 X STUMP REMOVAL

EXIST. CURVE EXCL-171-S9_5
 PI STA. = 84+45.59
 $\Delta = 2^\circ 57' 42''$ (LT)
 $D = 1^\circ 02' 30''$
 $R = 5,500.00'$
 $T = 142.18'$
 $L = 284.29'$
 $E = 1.84'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 83+03.42
 P.T. STA. = 85+87.70



LEGEND
 X STUMP REMOVAL



USER NAME = USMM717315	DESIGNED - MM	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - MM	REVISED -
PLOT DATE = 12/8/2025	CHECKED - KE	REVISED -
	DATE - 12/10/2025	REVISED -

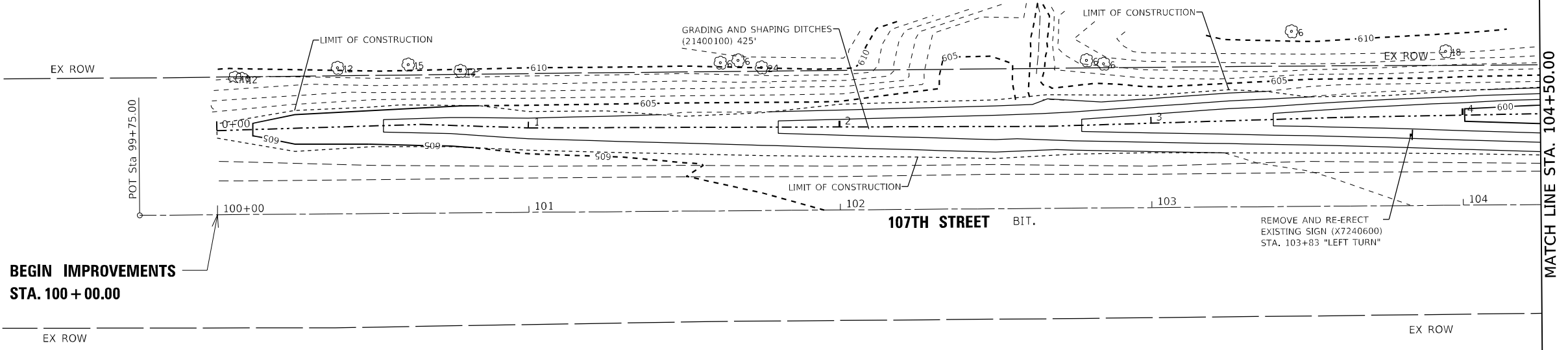
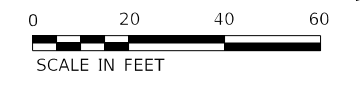
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITE #9 IL RTE 171
 REMOVAL PLAN**

SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 79+90.00 TO STA. 85+00.00

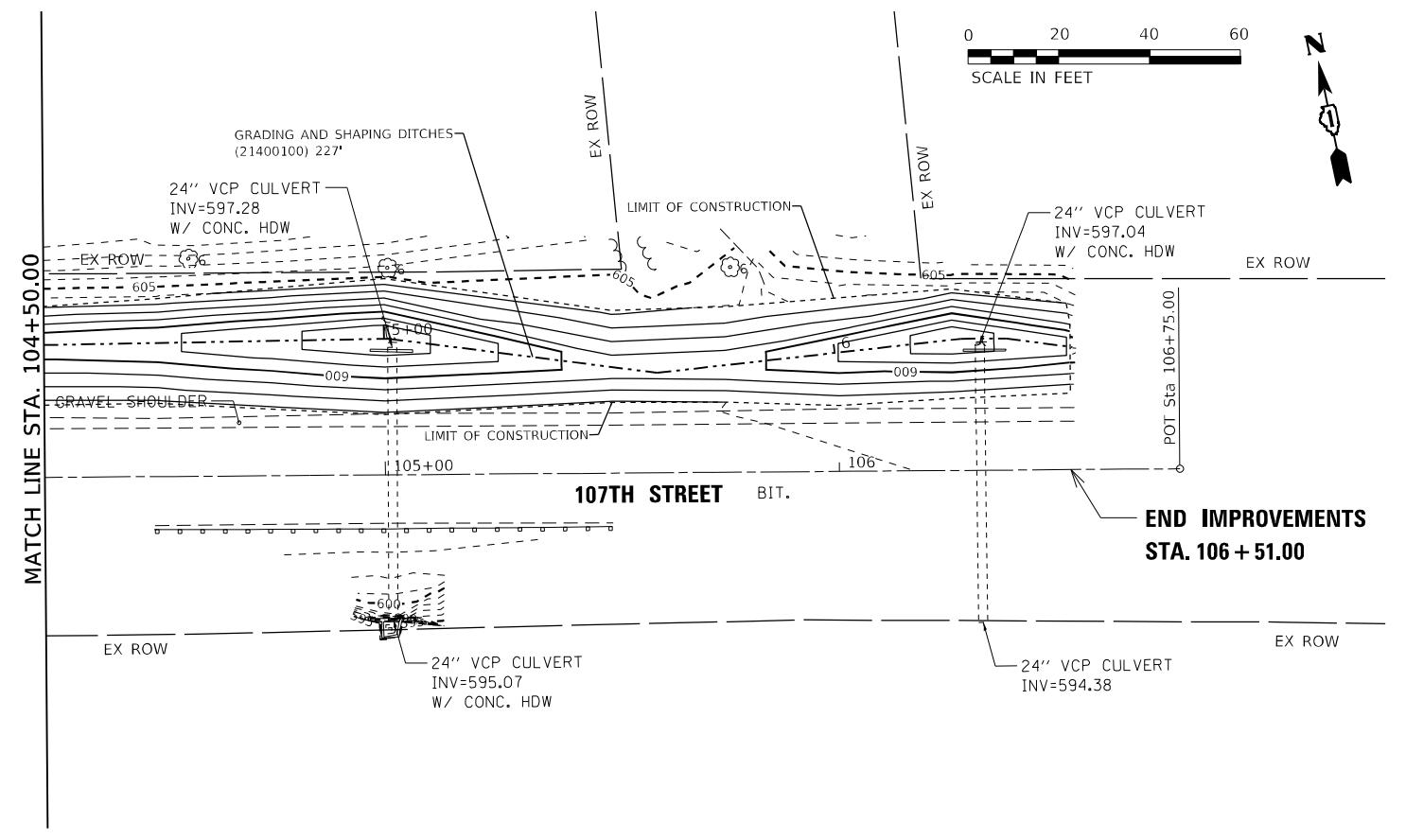
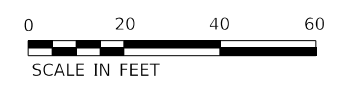
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	47
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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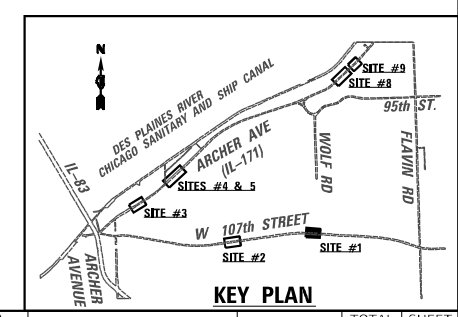
**BEGIN IMPROVEMENTS
STA. 100 + 00.00**

MATCH LINE STA. 104+50.00



MATCH LINE STA. 104+50.00

**END IMPROVEMENTS
STA. 106 + 51.00**



MODEL: D:\draft\...
 FILE NAME: ...
 PROJECT: 2050082306 - 15683 Drainage Improvements\CAD Sheets\13472025\1171.dgn



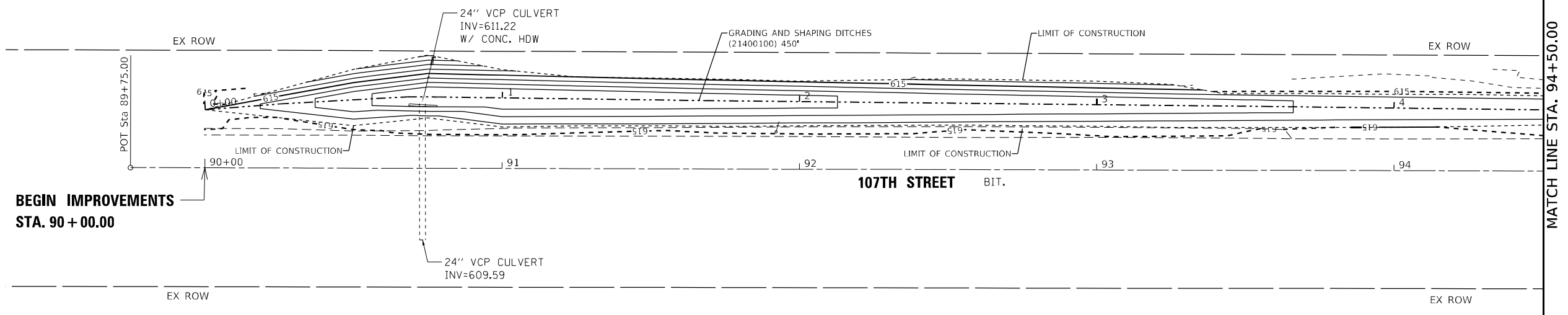
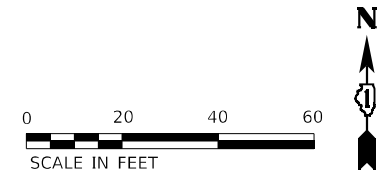
USER NAME = USMM717315	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
PLOT SCALE = 40,0000 * 1/ in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE #1 107TH STREET
ROADWAY PLAN**

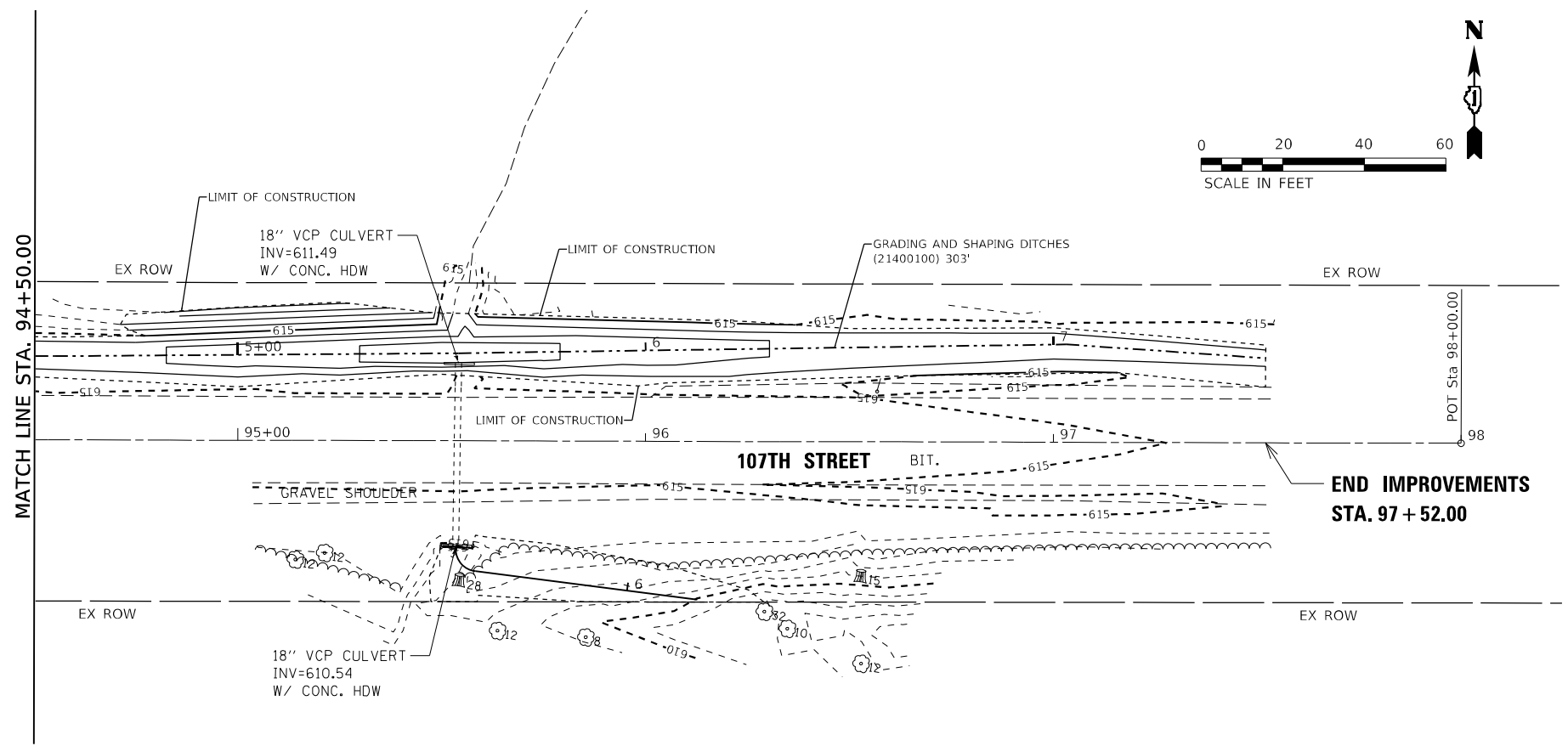
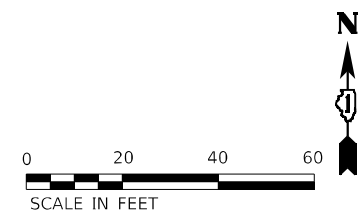
SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 99+75.00 TO STA. 106+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	48
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

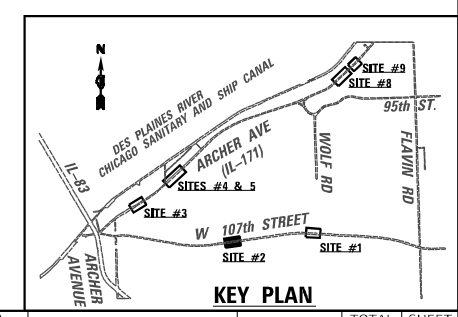


**BEGIN IMPROVEMENTS
STA. 90 + 00.00**

MATCH LINE STA. 94+50.00



**END IMPROVEMENTS
STA. 97 + 52.00**



MODEL: D:\p\11...
 FILE NAME: p:\wsp\p\11...
 PROJECT: 2050082306 - 15683 Drainage Improvements CAD Sheets\11-17-2024\11-17-2024.dwg



USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

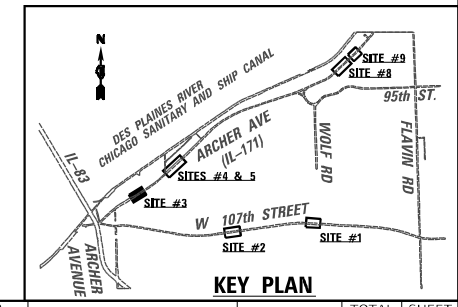
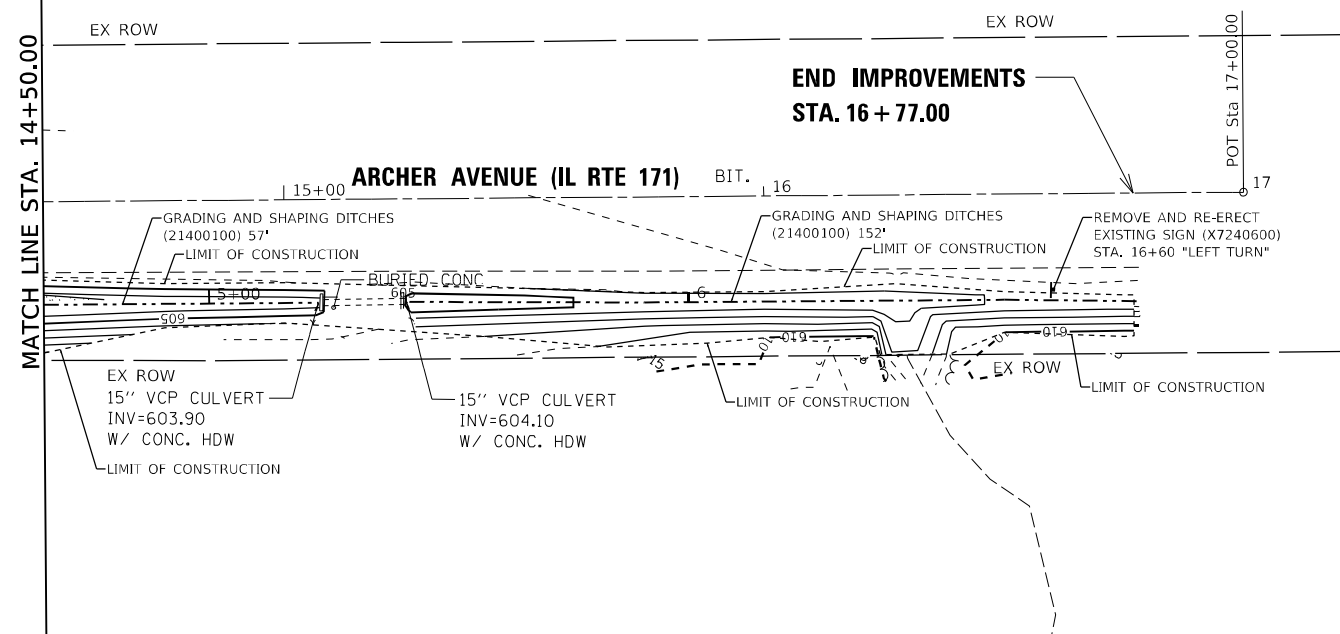
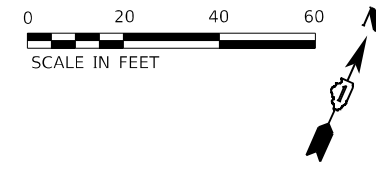
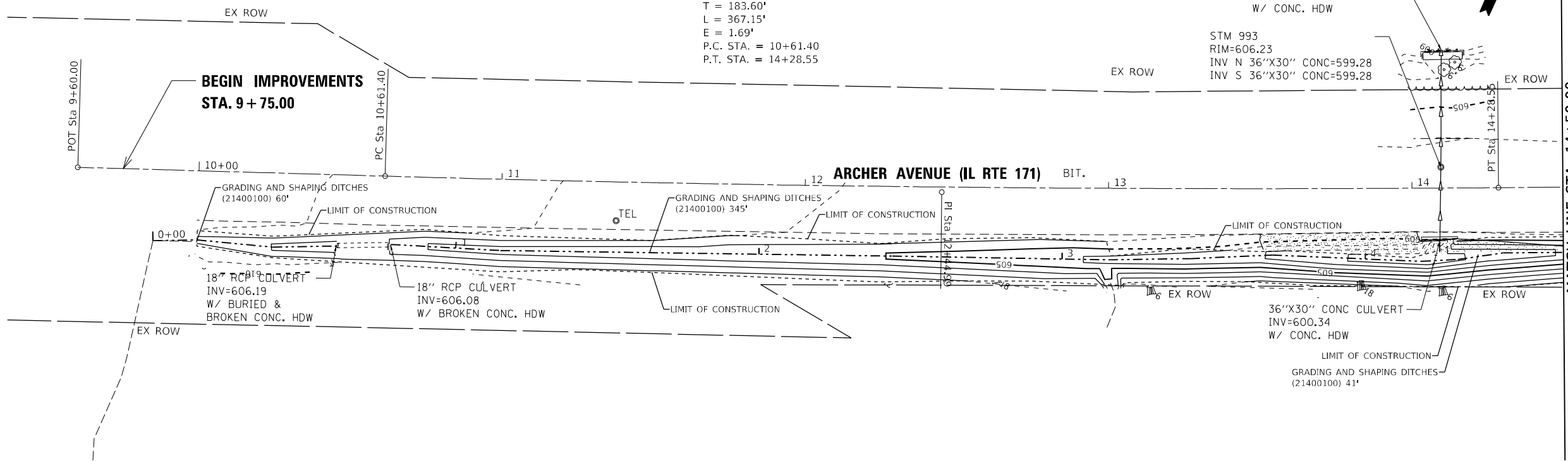
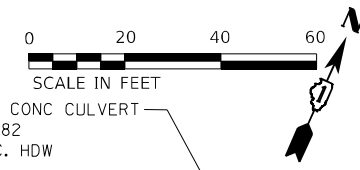
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE #2 107TH STREET
ROADWAY PLAN**

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 89+75.00 TO STA. 98+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	49
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

EXIST. CURVE EXCL-171-S3_3
 PI STA. = 12+44.99
 $\Delta = 2^\circ 06' 13''$ (LT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 183.60'$
 $L = 367.15'$
 $E = 1.69'$
 P.C. STA. = 10+61.40
 P.T. STA. = 14+28.55



MODEL: D:\default
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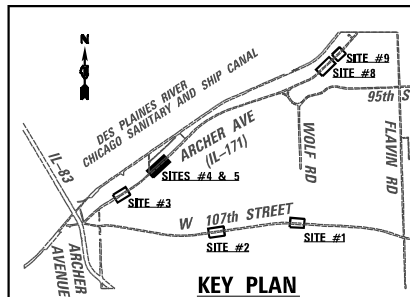
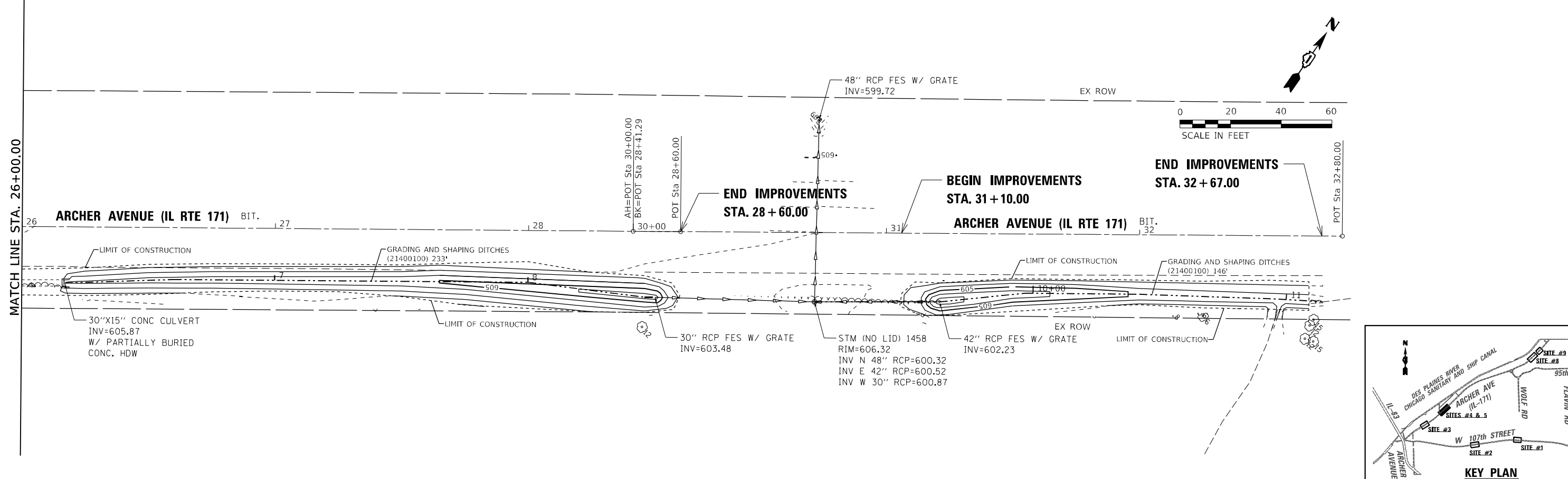
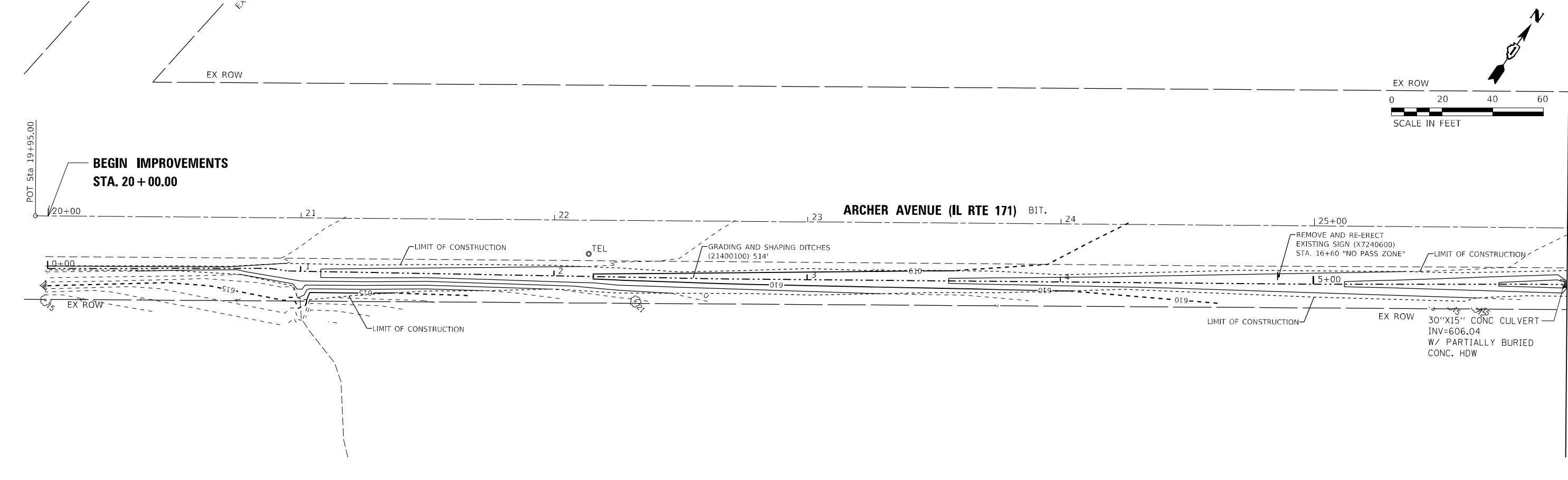
USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000 */ in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITE #3 IL RTE 171
 ROADWAY PLAN**

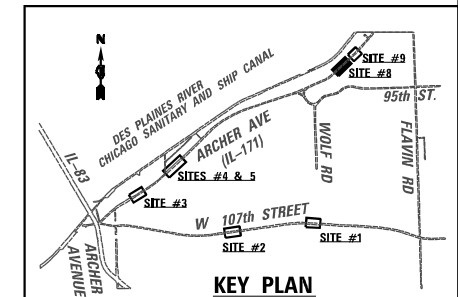
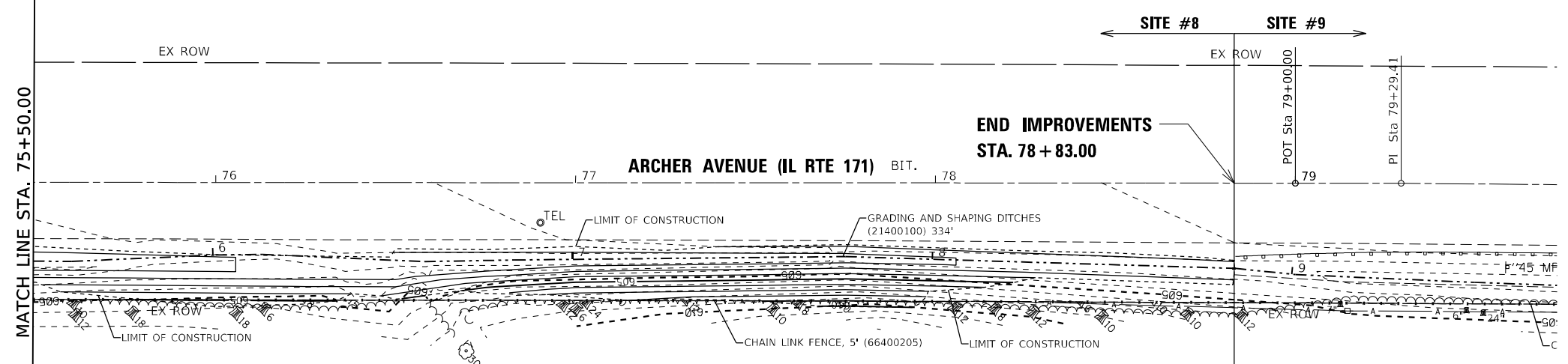
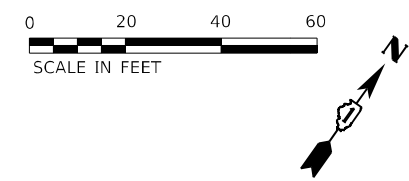
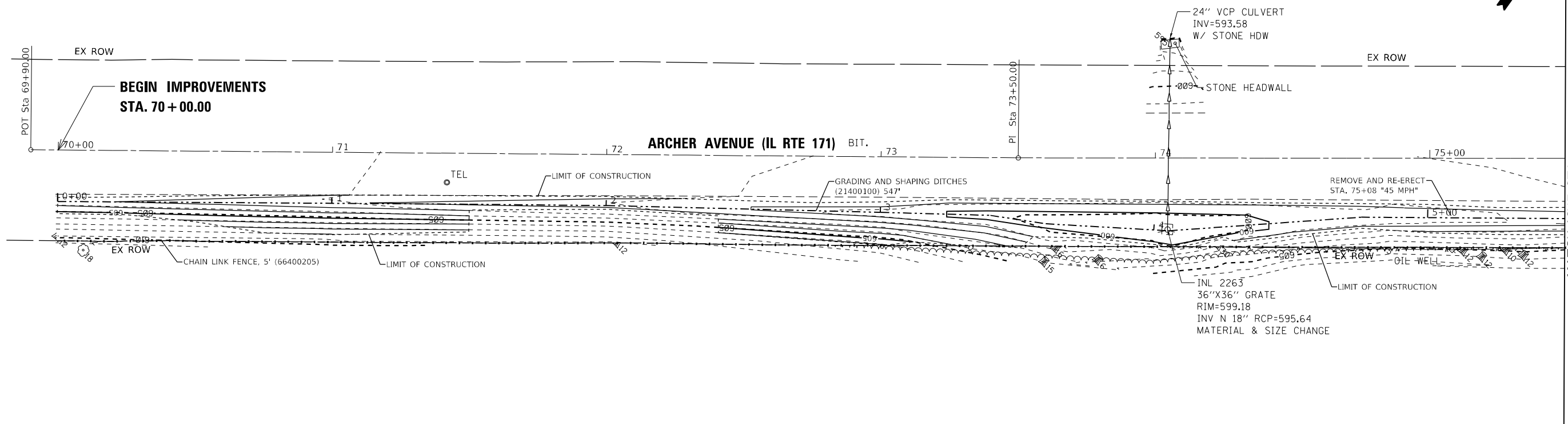
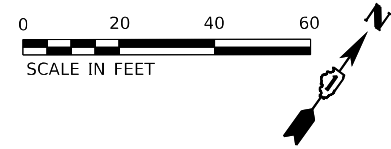
SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 9+85.00 TO STA. 17+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	50
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



MODEL: D:\default
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	USER NAME = USMM717315	DESIGNED - MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITES #4 & 5 IL RTE 171 ROADWAY PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
	PLOT SCALE = 40,0000 */ in.	CHECKED - KE	REVISED -		SCALE: 1"=20'	SHEET 4	OF 7 SHEETS	STA. 19+95.00	TO STA. 32+75.00	VAR	2023 VAR DRAINAGE	VARIOUS	136	51
	PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -								CONTRACT NO. 62V08		ILLINOIS FED. AID PROJECT	



MODEL: Default
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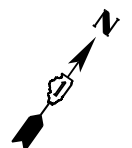
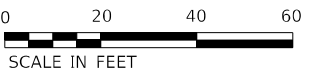
USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

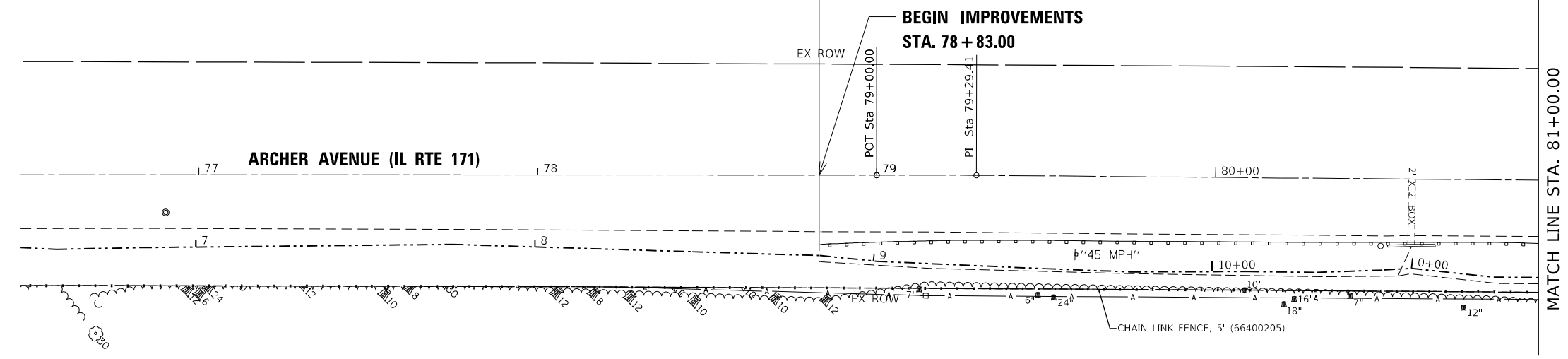
SITE #8 IL RTE 171
ROADWAY PLAN

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 69+90.00 TO STA. 79+00.00

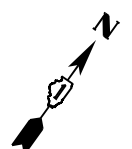
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	52
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



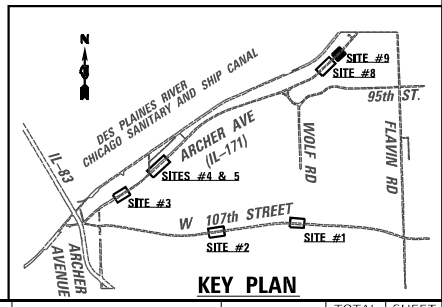
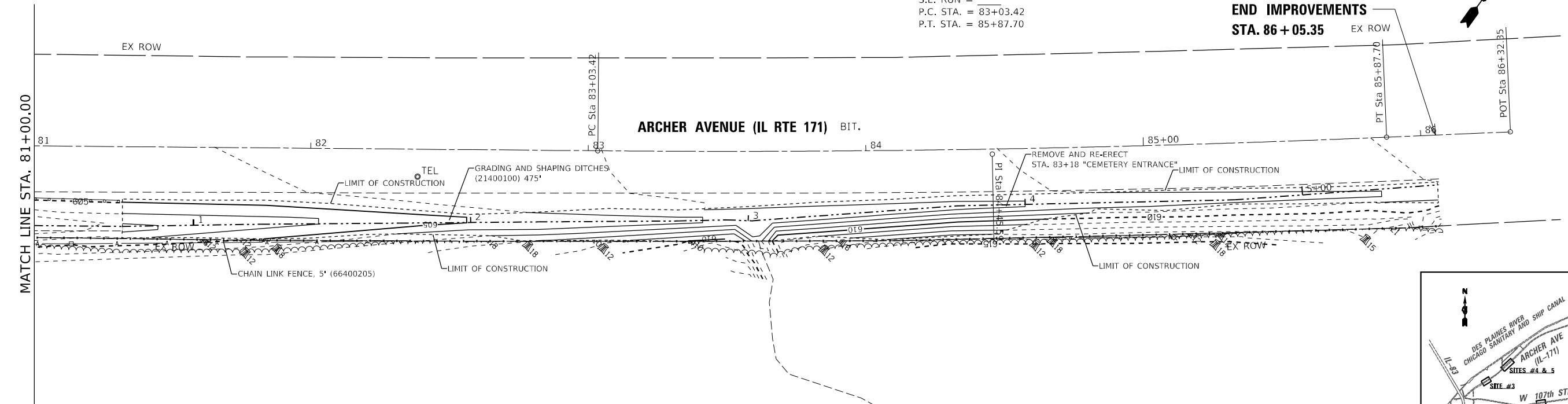
SITE #8 SITE #9



EXIST. CURVE EXCL-171-S9_5
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 $D = 1^{\circ} 02' 30''$
 $R = 5,500.00'$
 $T = 142.18'$
 $L = 284.29'$
 $E = 1.84'$
 $e = \quad$
 $T.R. = \quad$
 $S.E. RUN = \quad$
 P.C. STA. = 83+03.42
 P.T. STA. = 85+87.70



END IMPROVEMENTS
 STA. 86 + 05.35



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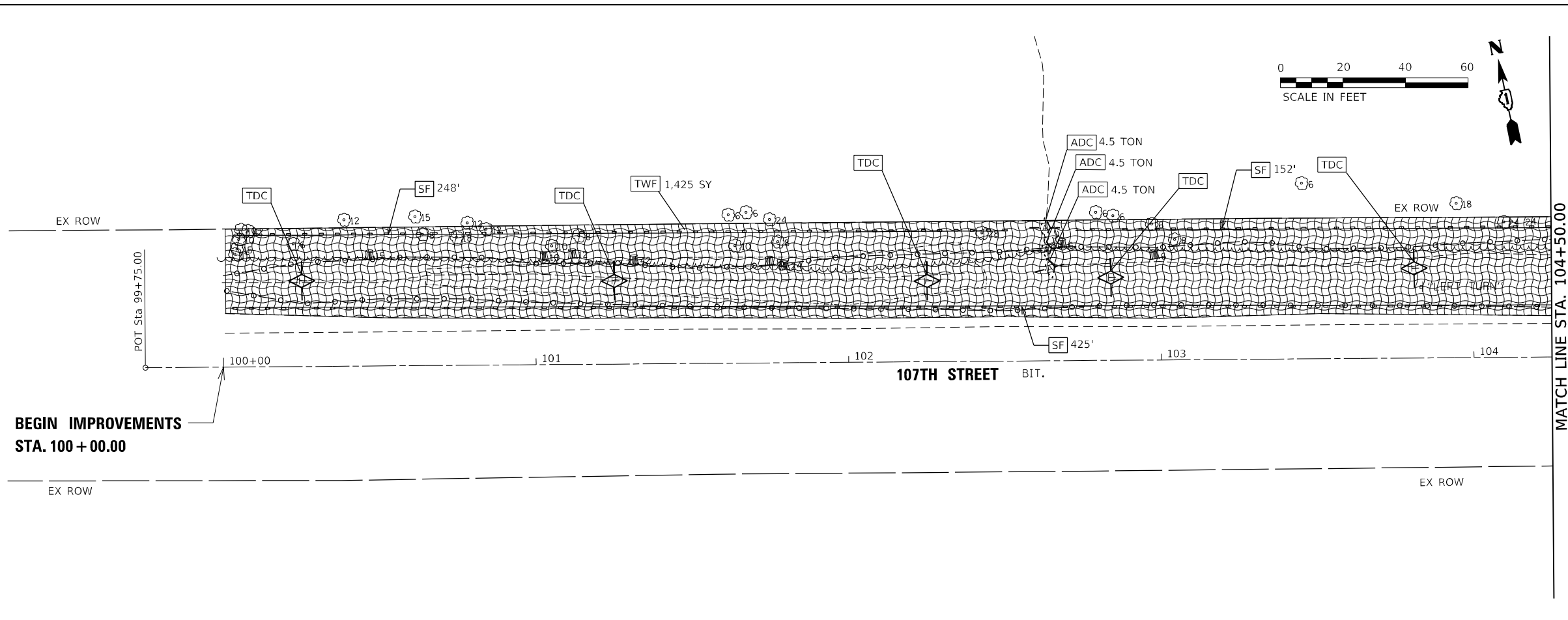
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DRAWN - MM	REVISIONS -	
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PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SITE #9 IL RTE 171 ROADWAY PLAN					
SCALE: 1"=20'	SHEET 7	OF 7 SHEETS	STA. 78+83.00	TO STA. 86+05.35	

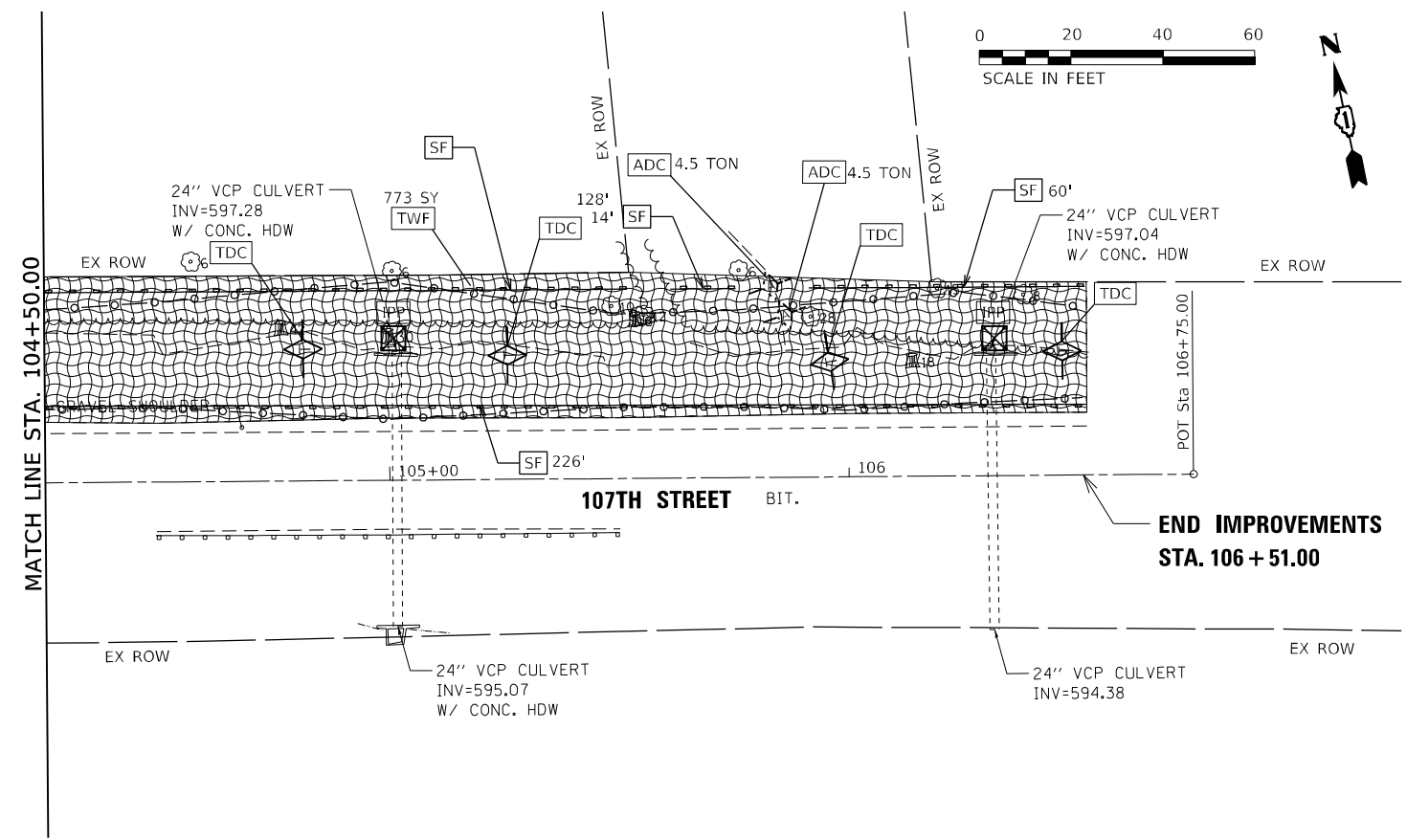
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	53
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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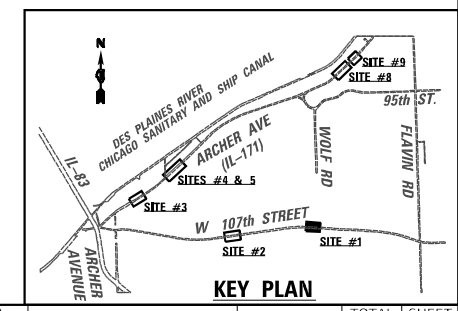
**BEGIN IMPROVEMENTS
STA. 100 + 00.00**

MATCH LINE STA. 104+50.00



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER (28000400)
- INLET FILTERS (28000510)
- INLET AND PIPE PROTECTION (28000500)
- TEMPORARY DITCH CHECKS (28000305)
- AGGREGATE DITCH CHECKS (28000315)
- TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET (28001105)
- PROPOSED GRADING LIMITS



USER NAME = USMM717315	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
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PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE #1 107TH STREET
EROSION CONTROL PLAN**

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 99+75.00 TO STA. 106+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	54
			CONTRACT NO. 62V08	

ILLINOIS FED. AID PROJECT

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PLOT DATE =	12/8/2025

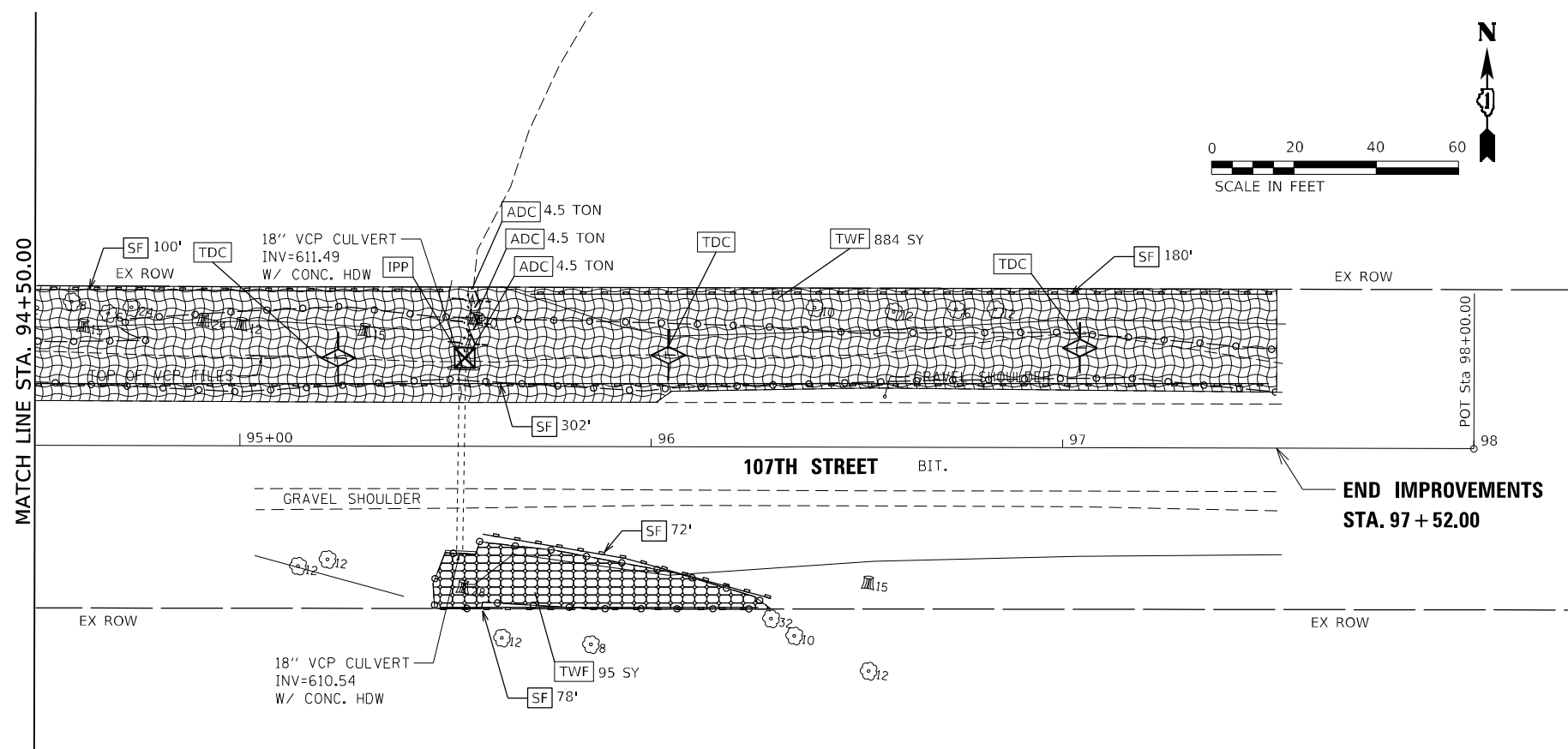
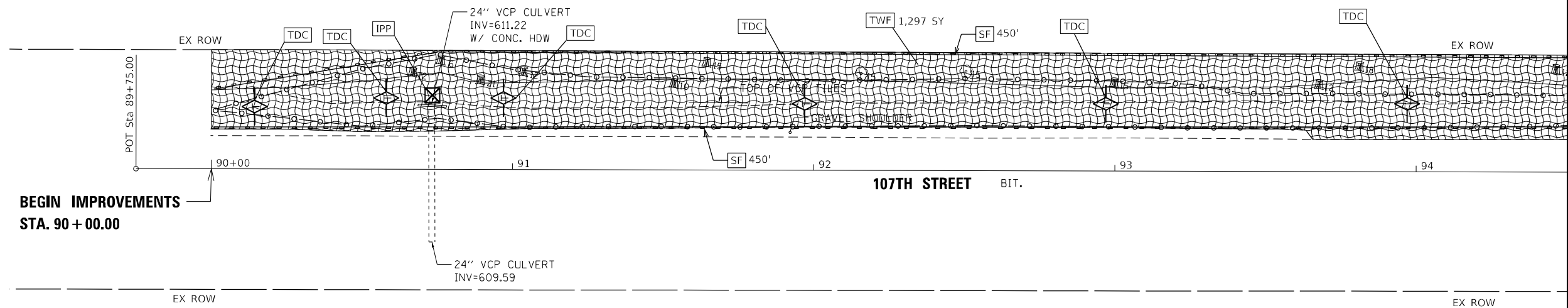
DESIGNED -	MM	REVISED -	
DRAWN -	MM	REVISED -	
CHECKED -	KE	REVISED -	
DATE -	12/10/2025	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE #2 107TH STREET
EROSION CONTROL PLAN**

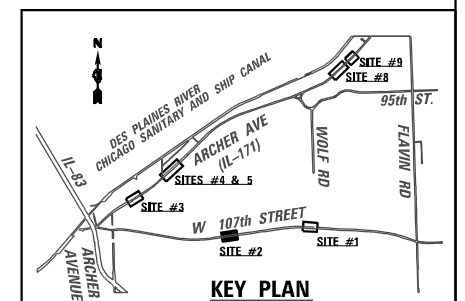
SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 89+75.00 TO STA. 98+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	55
				CONTRACT NO. 62V08
ILLINOIS FED. AID PROJECT				

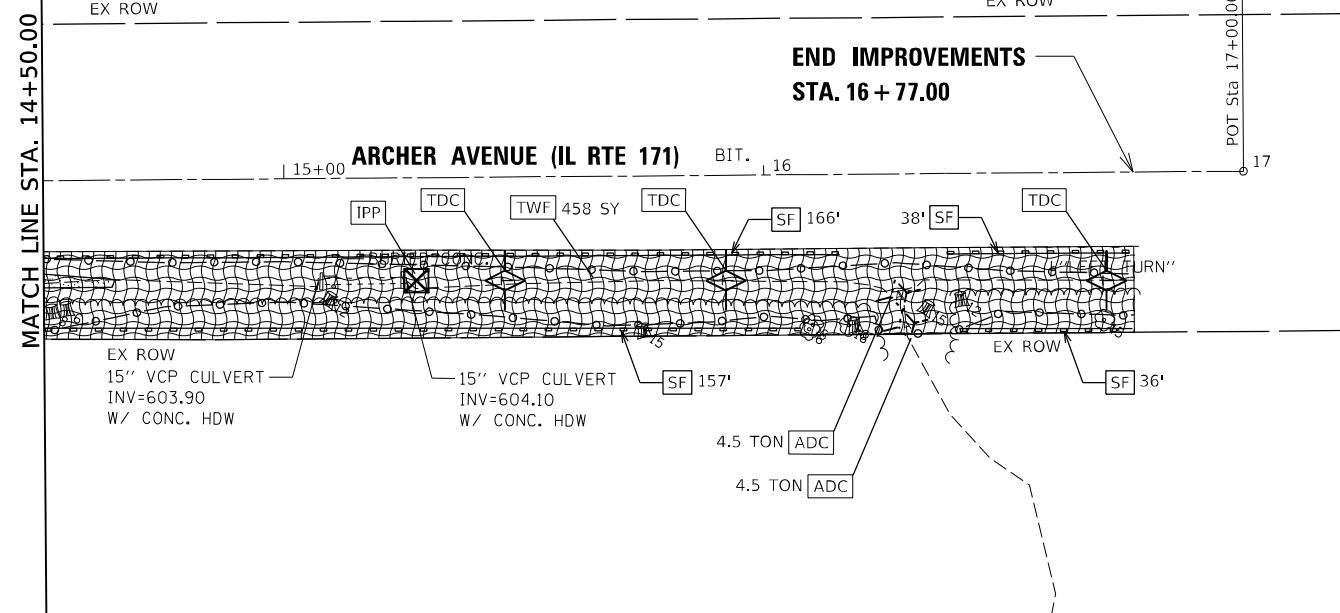
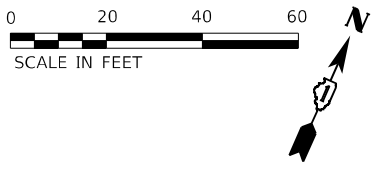
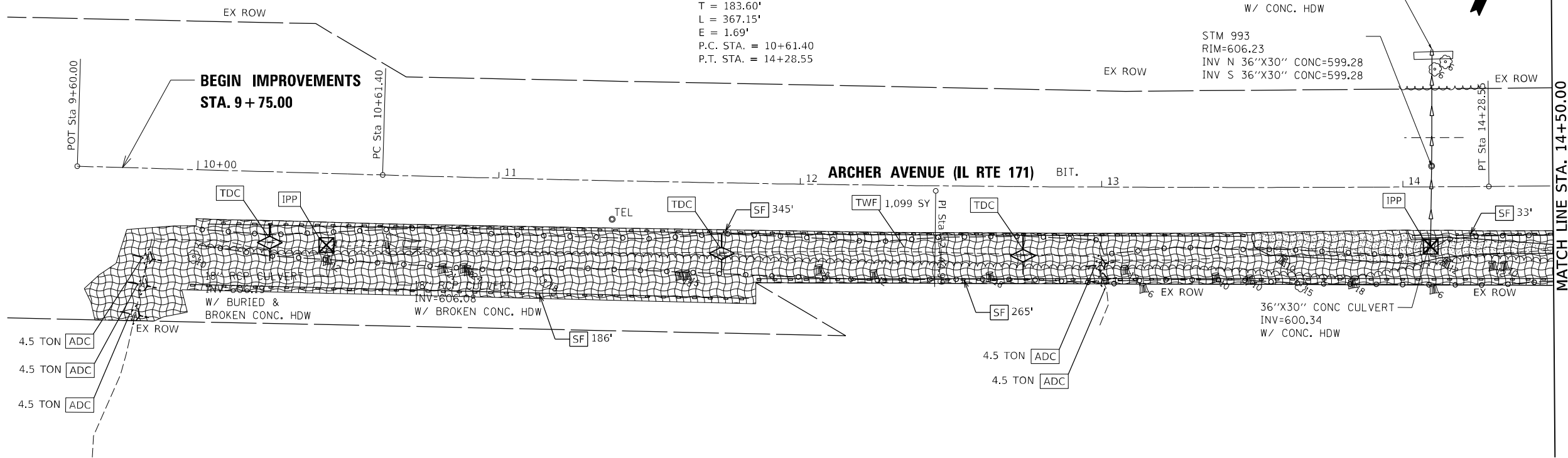
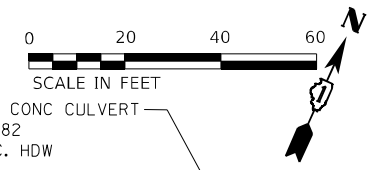


EROSION CONTROL LEGEND

- [SF] - PERIMETER EROSION BARRIER (28000400)
- [IF] - INLET FILTERS (28000510)
- [IPP] - INLET AND PIPE PROTECTION (28000500)
- [TDC] - TEMPORARY DITCH CHECKS (28000305)
- [ADC] - AGGREGATE DITCH CHECKS (28000315)
- [TWF] - TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET (28001105)
- PROPOSED GRADING LIMITS

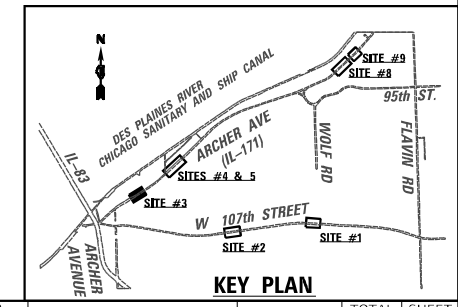


EXIST. CURVE EXCL-171-S3_3
 PI STA. = 12+44.99
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 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 183.60'$
 $L = 367.15'$
 $E = 1.69'$
 P.C. STA. = 10+61.40
 P.T. STA. = 14+28.55



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER (28000400)
- INLET FILTERS (28000510)
- INLET AND PIPE PROTECTION (28000500)
- TEMPORARY DITCH CHECKS (28000305)
- AGGREGATE DITCH CHECKS (28000315)
- TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET (28001105)
- PROPOSED GRADING LIMITS



MODEL: Default; FILE: NAME: p:\workspaces\pws\benfley.com\workspaces\pws\benfley.com\workspaces\pws\benfley.com\Documents\Project 205\0022306 - 15683 Drainage Improvements\CAD Sheets\13472023\171-eros-103.dgn



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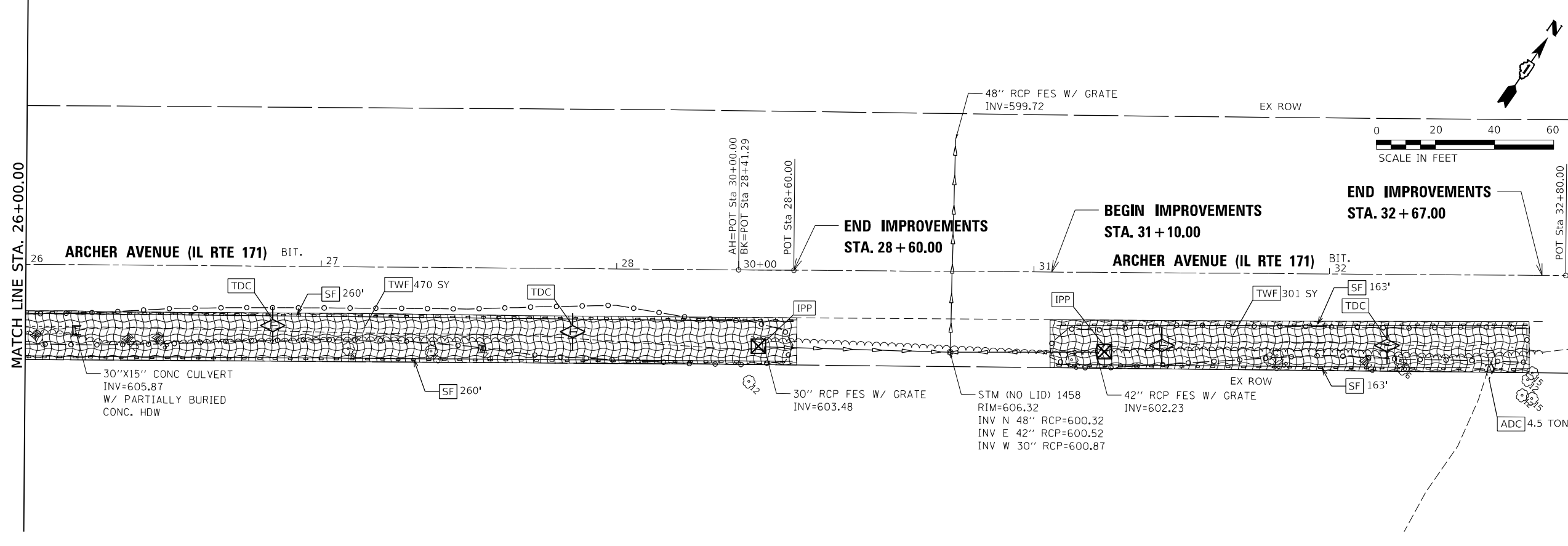
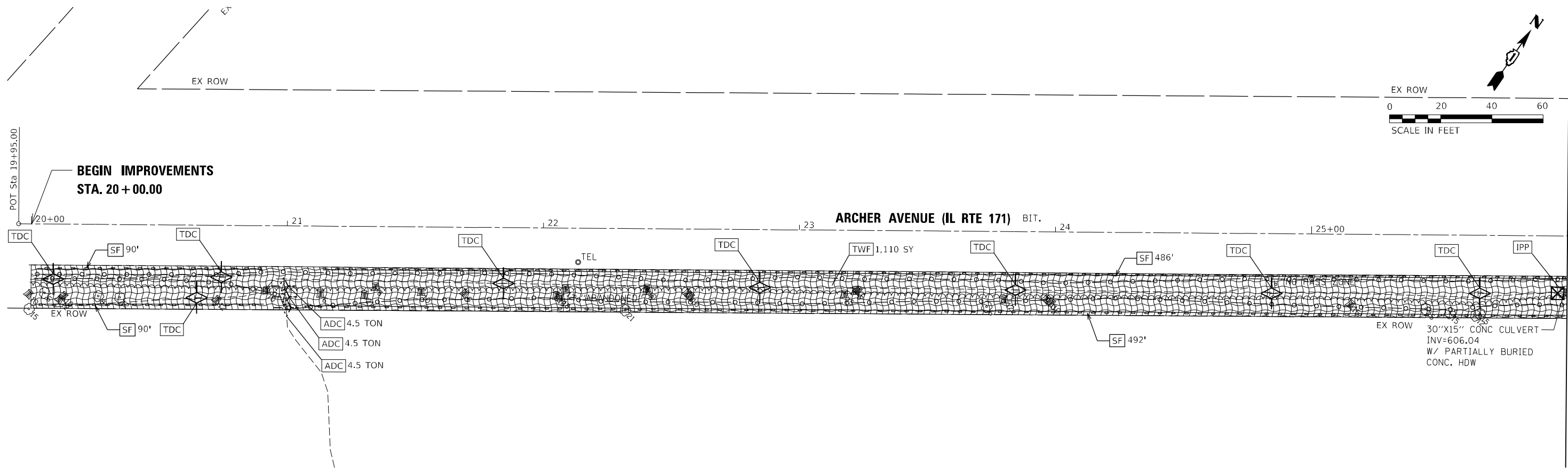
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE #3 IL RTE 171
EROSION CONTROL PLAN**

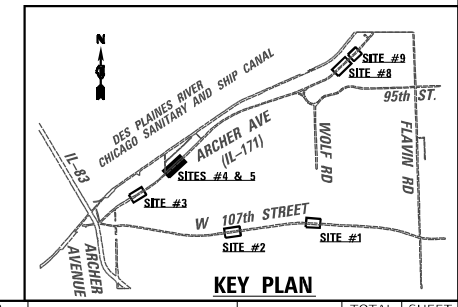
SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 9+85.00 TO STA. 17+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	56
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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- EROSION CONTROL LEGEND**
- SF - PERIMETER EROSION BARRIER (28000400)
 - IF - INLET FILTERS (28000510)
 - IPP - INLET AND PIPE PROTECTION (28000500)
 - TDC - TEMPORARY DITCH CHECKS (28000305)
 - ADC - AGGREGATE DITCH CHECKS (28000315)
 - TWF - TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET (28001105)
 - PROPOSED GRADING LIMITS



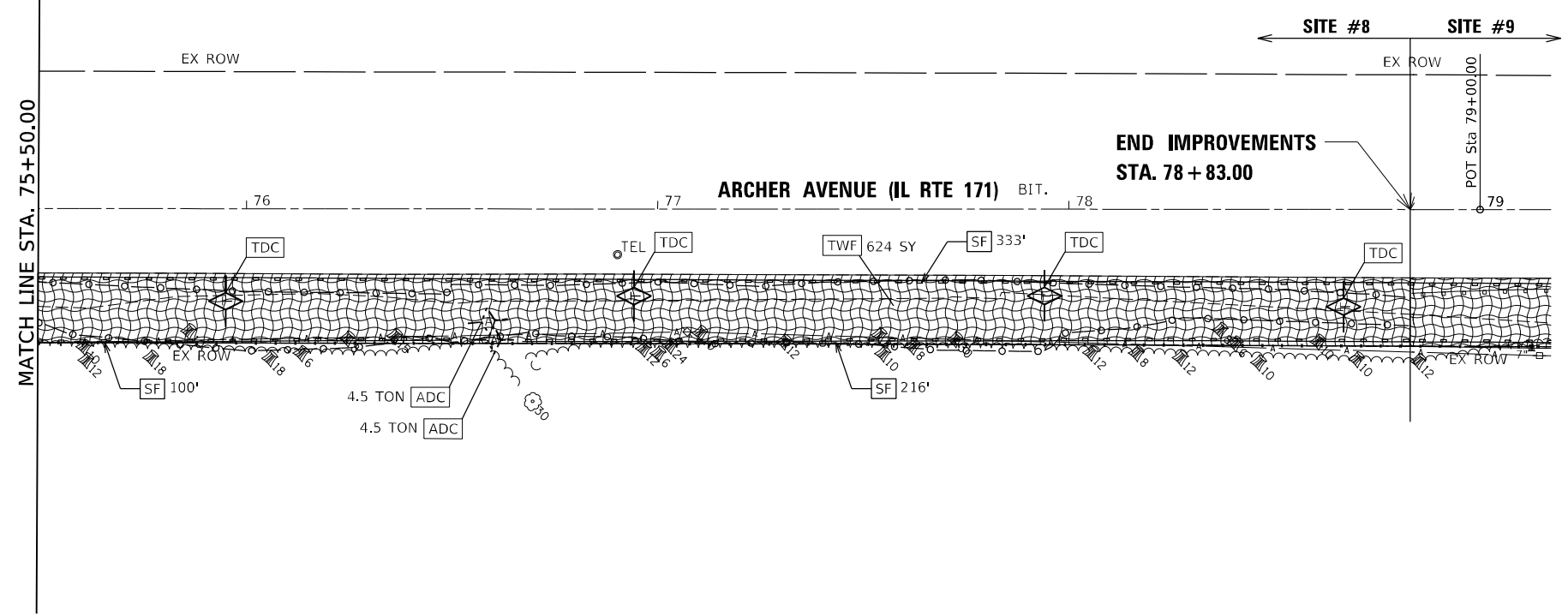
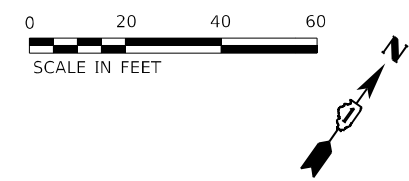
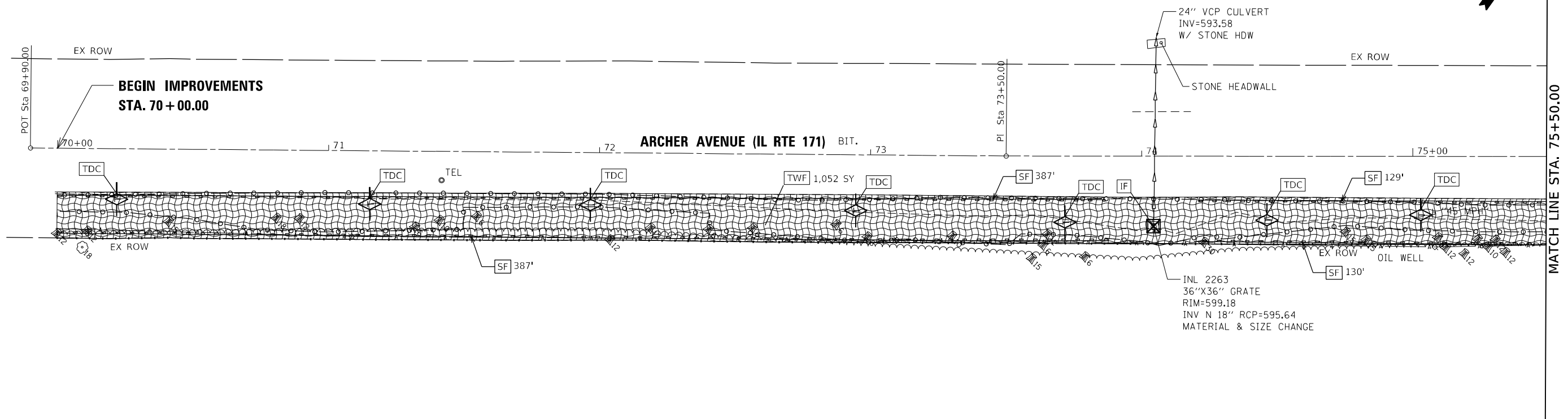
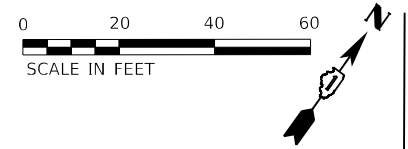
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DRAWN - MM	REVISED -	
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PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITES #4 & 5 IL RTE 171
EROSION CONTROL PLAN**

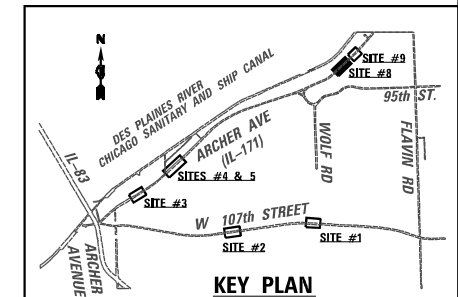
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	57
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER (28000400)
- INLET FILTERS (28000510)
- INLET AND PIPE PROTECTION (28000500)
- TEMPORARY DITCH CHECKS (28000305)
- AGGREGATE DITCH CHECKS (28000315)
- TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET (28001105)
- PROPOSED GRADING LIMITS



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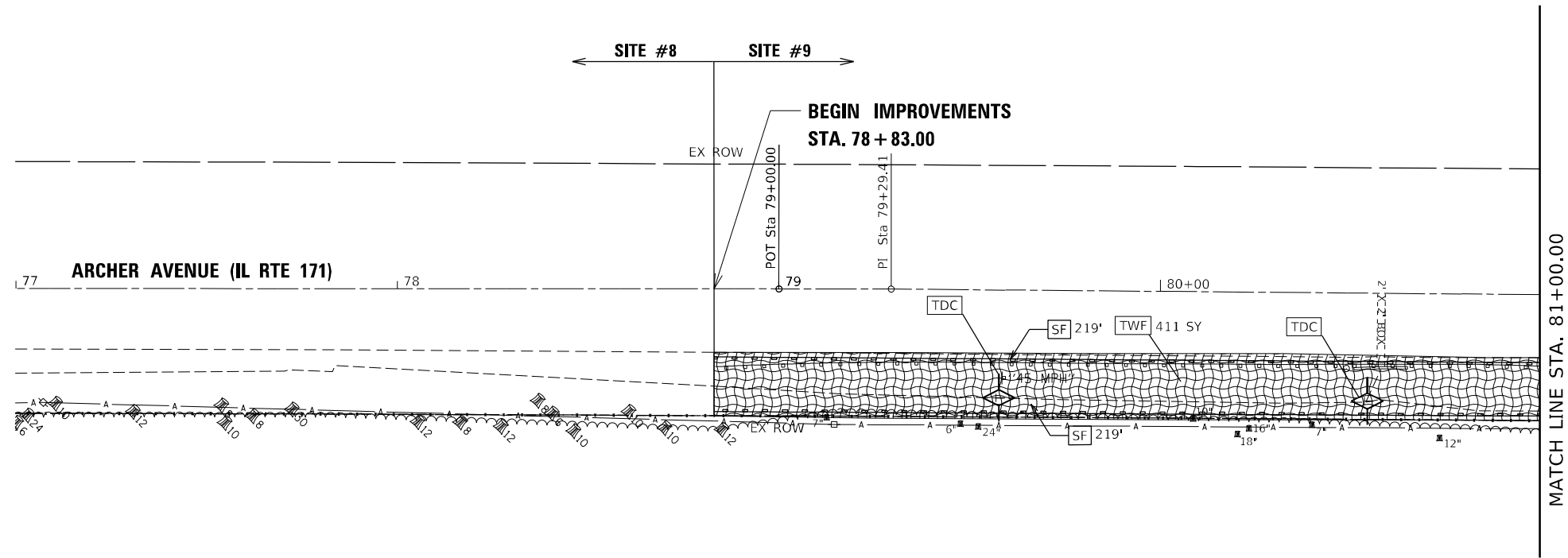
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PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITE #8 IL RTE 171
EROSION CONTROL PLAN

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 69+90.00 TO STA. 79+00.00

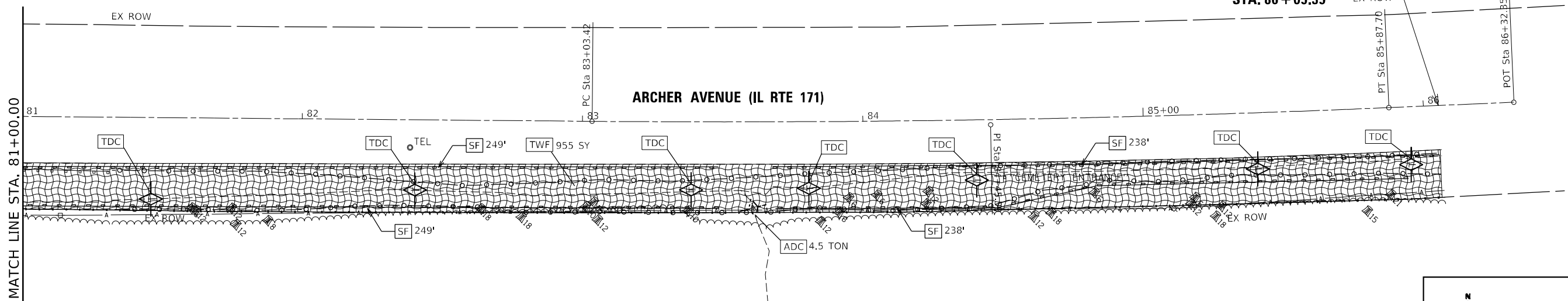
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VAR	2023 VAR DRAINAGE	VARIOUS	136	58
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



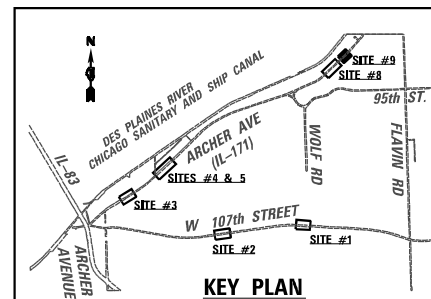
EROSION CONTROL LEGEND

- [SF] - PERIMETER EROSION BARRIER (28000400)
- [IF] - INLET FILTERS (28000510)
- [IPP] - INLET AND PIPE PROTECTION (28000500)
- [TDC] - TEMPORARY DITCH CHECKS (28000305)
- [ADC] - AGGREGATE DITCH CHECKS (28000315)
- [ECB] - TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET (28001105)
- PROPOSED GRADING LIMITS

EXIST. CURVE EXCL-171-S9_5
 PI STA. = 84+45.59
 Δ = 2° 57' 42" (LT)
 D = 1° 02' 30"
 R = 5,500.00'
 T = 142.18'
 L = 284.29'
 E = 1.84'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 83+03.42
 P.T. STA. = 85+87.70



**END IMPROVEMENTS
 STA. 86 + 05.35**



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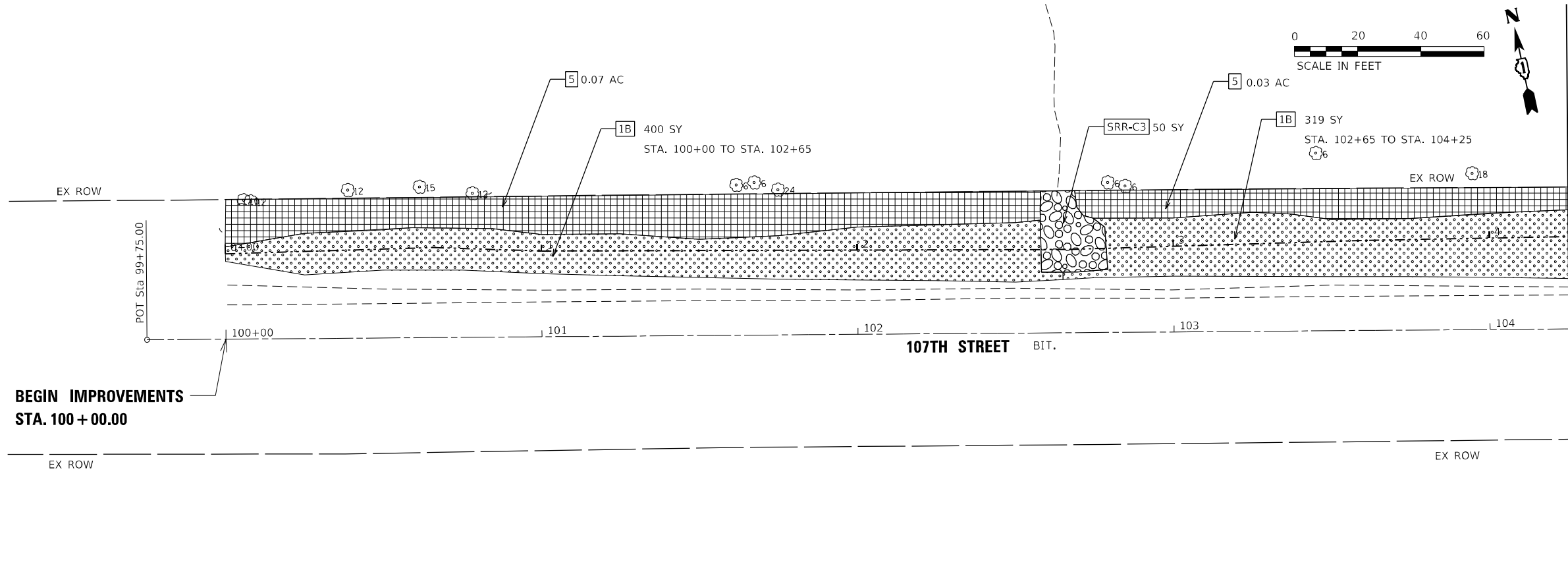
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DRAWN - MM	CHECKED - KE	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITE #9 IL RTE 171
 EROSION CONTROL PLAN**

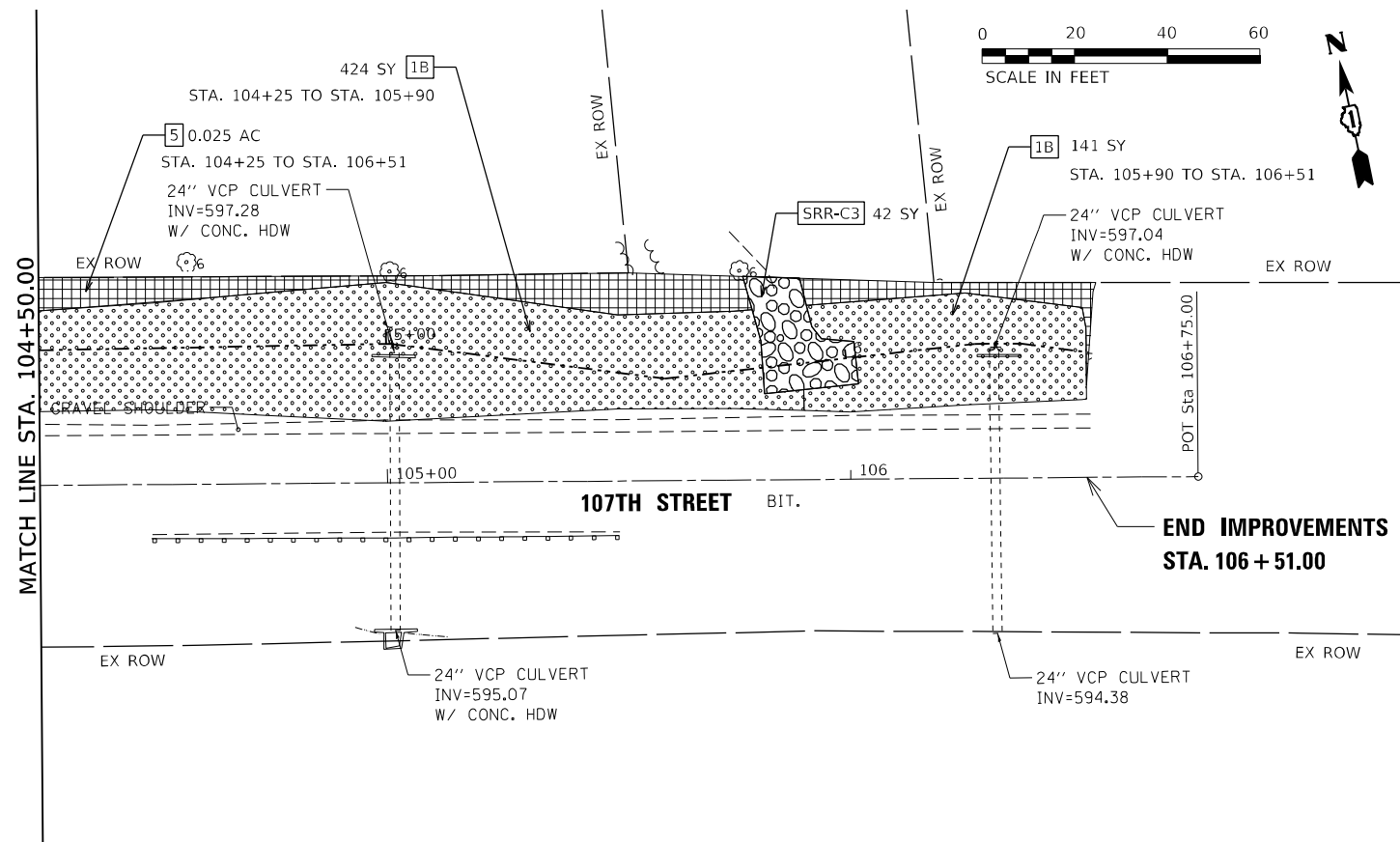
SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 79+90.00 TO STA. 85+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	59
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



**BEGIN IMPROVEMENTS
STA. 100 + 00.00**

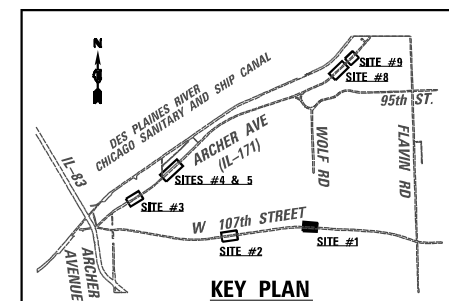
MATCH LINE STA. 104+50.00



**END IMPROVEMENTS
STA. 106 + 51.00**

LANDSCAPING LEGEND

- 1B** TOPSOIL FURNISH AND PLACE, 4" (21101615)
 SEEDING, CLASS 1B (25000210)
 WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
- 3** TOPSOIL FURNISH AND PLACE, 4" (21101615)
 SEEDING, CLASS 3 (25000300)
 WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
- 5** SEEDING, CLASS 4 (MODIFIED) (X2501800)
- 5** SEEDING, CLASS 5 (MODIFIED) (X2501820)
- SRR-C3** STONE RIPRAP, CLASS A3 (28100105)
- SRR-C4** STONE RIPRAP, CLASS A4 (28100107)



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

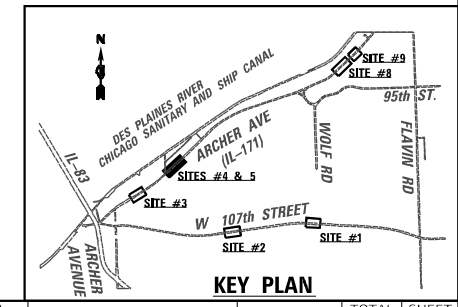
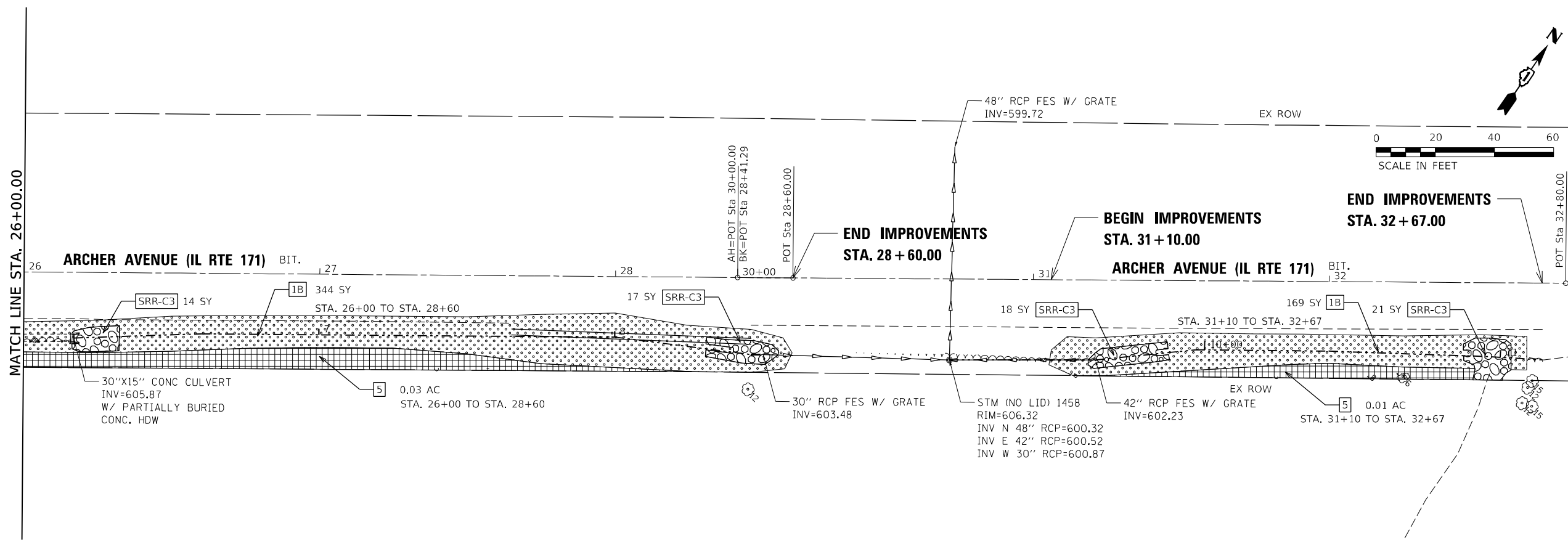
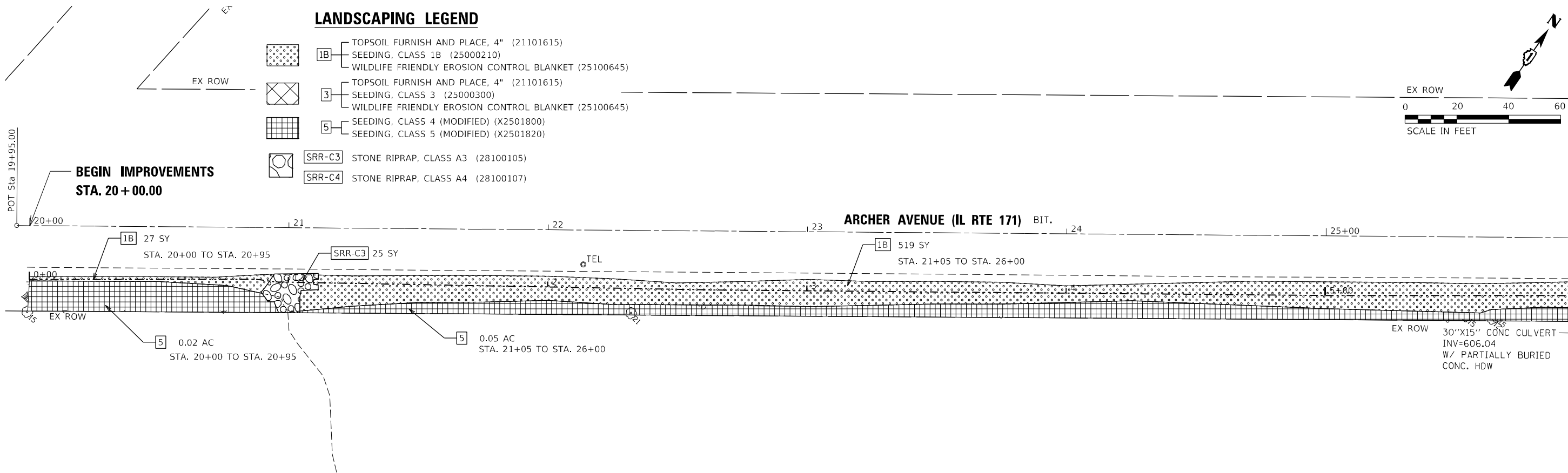
**SITE #1 107TH STREET
LANDSCAPE PLAN**

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 99+75.00 TO STA. 106+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	60
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

LANDSCAPING LEGEND

-  1B TOPSOIL FURNISH AND PLACE, 4" (21101615)
SEEDING, CLASS 1B (25000210)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
-  3 TOPSOIL FURNISH AND PLACE, 4" (21101615)
SEEDING, CLASS 3 (25000300)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
-  5 SEEDING, CLASS 4 (MODIFIED) (X2501800)
SEEDING, CLASS 5 (MODIFIED) (X2501820)
-  SRR-C3 STONE RIPRAP, CLASS A3 (28100105)
-  SRR-C4 STONE RIPRAP, CLASS A4 (28100107)



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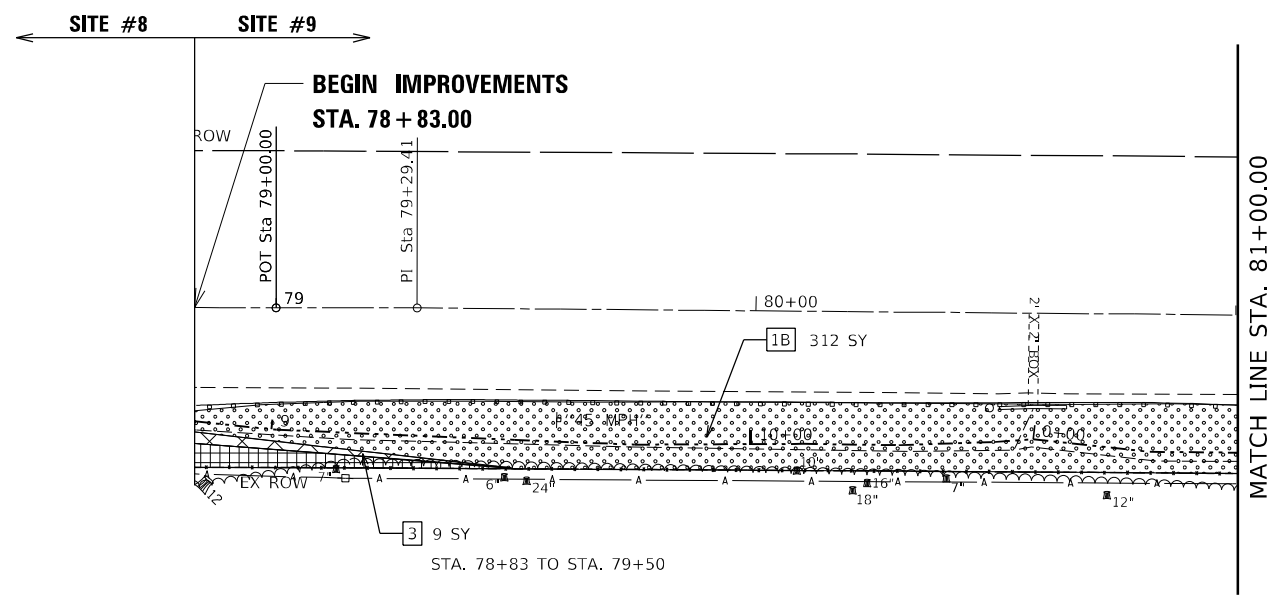
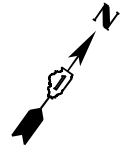
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DRAWN - MM	REVISIONS -	
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PLOT DATE = 1/25/2026	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #4 & 5 IL RTE 171
LANDSCAPE PLAN

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 19+95.00 TO STA. 32+75.00

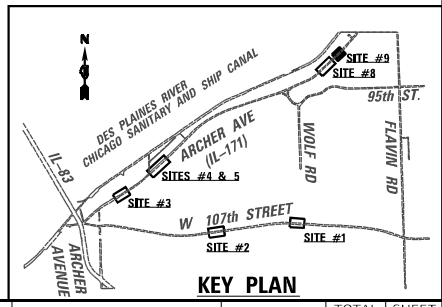
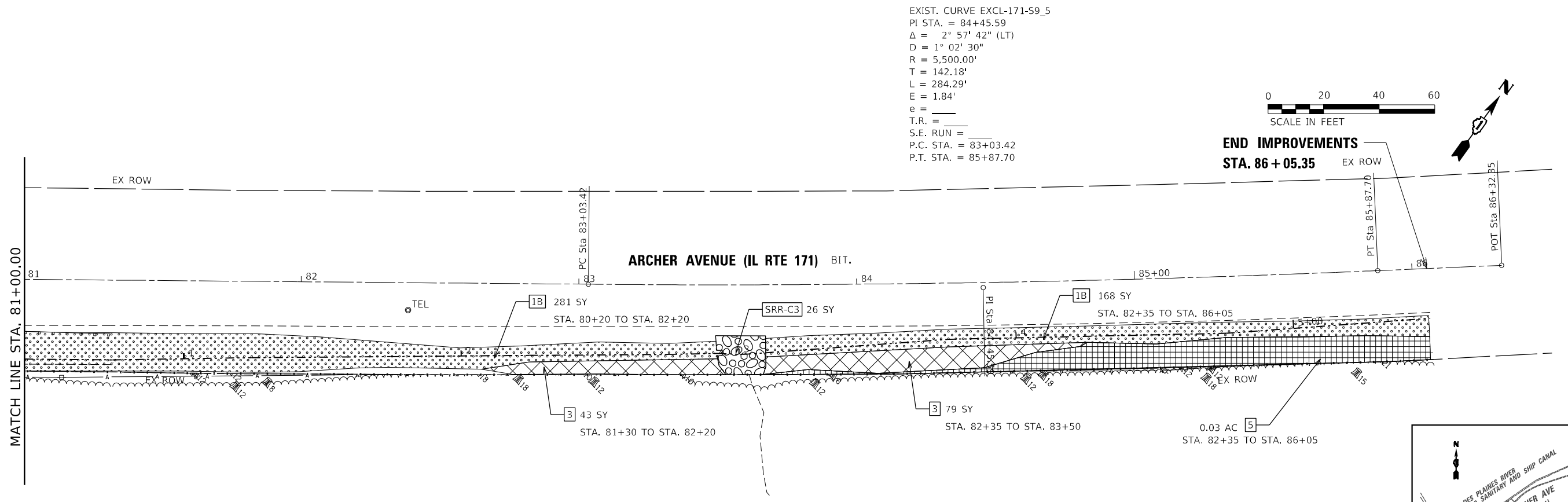
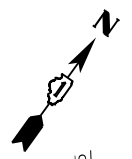
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	63
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

- | | |
|--|--|
| | TOPSOIL FURNISH AND PLACE, 4" (21101615) |
| | 1B SEEDING, CLASS 1B (25000210) |
| | WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645) |
| | 3 SEEDING, CLASS 3 (25000300) |
| | 5 SEEDING, CLASS 4 (MODIFIED) (X2501800) |
| | SEEDING, CLASS 5 (MODIFIED) (X2501820) |
| | SRR-C3 STONE RIPRAP, CLASS A3 (28100105) |
| | SRR-C4 STONE RIPRAP, CLASS A4 (28100107) |

EXIST. CURVE EXCL-171-S9_5
 PI STA. = 84+45.59
 Δ = 2° 57' 42" (LT)
 D = 1° 02' 30"
 R = 5,500.00'
 T = 142.18'
 L = 284.29'
 E = 1.84'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 83+03.42
 P.T. STA. = 85+87.70



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	DATE - 01/28/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE #9 IL RTE 171
LANDSCAPE PLAN**

SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 78+83.00 TO STA. 86+05.35

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	65
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

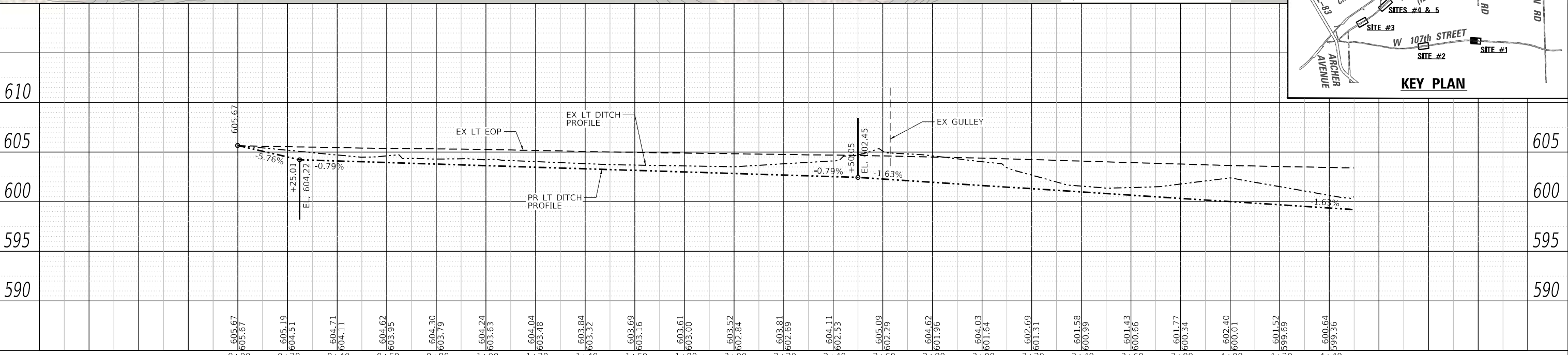
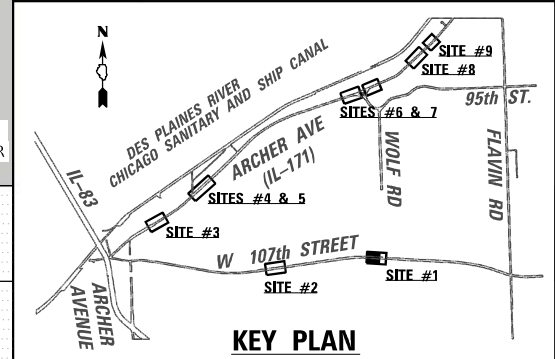
LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED	BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	— 430+00		DRAINAGE BOUNDARY	—	
RIGHT OF WAY LINE	—		CULVERT SIZE - TYPE	2 X 2 BOX	
THALWEG / DITCH LINE	- - - -		STORM SEWER	—	
SWALE	↑	↑	SANITARY SEWER	- - - -	
SUMMIT	↑	↑	FLARED END SECTION	—	
SAG POINT	↑	↑	CATCH BASIN	○	
DITCH	—	—	HEADWALL	—	
DITCH CHECK	—	—	INLET	○	
SHEET FLOW	→	→	MANHOLE	○	
OUTLET	→	→	TREE	○	
OVERTOPPING	→	→	TREE STUMP	○	
			VEGETATION LINE	—	
			PAY ITEM AND PAY ITEM NUMBER		ITEM DESCRIPTION (XXXXXXXX)

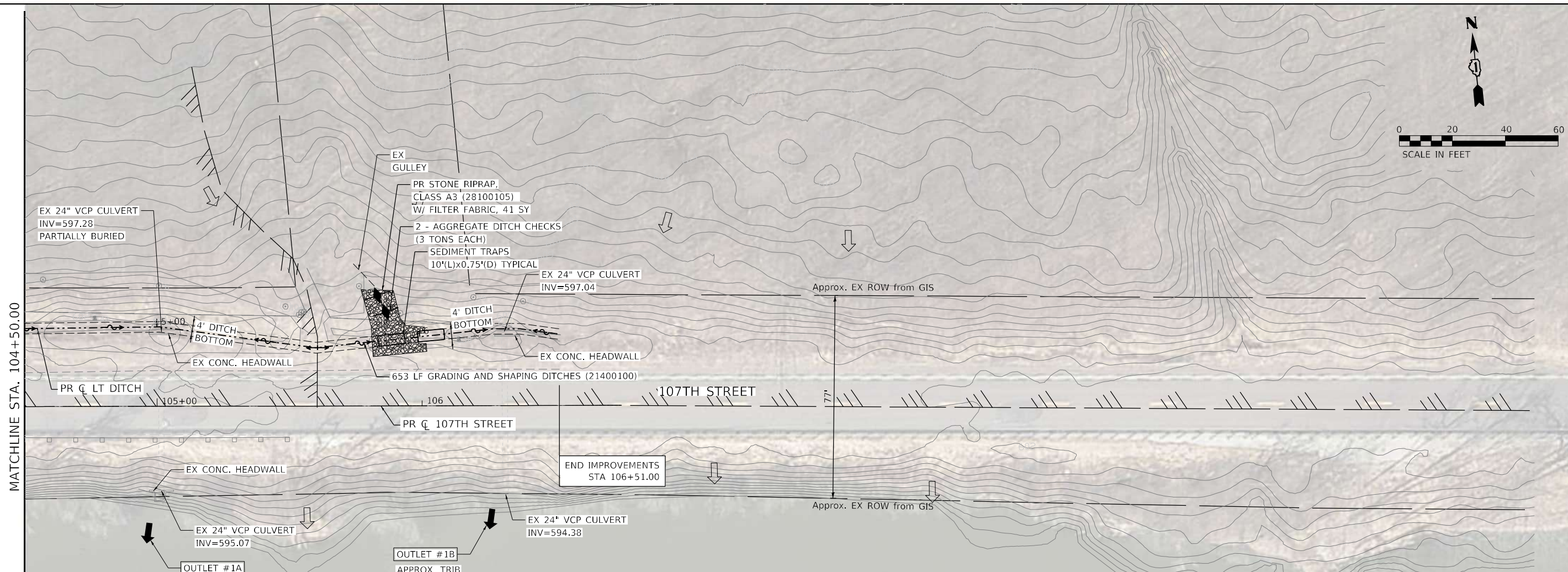
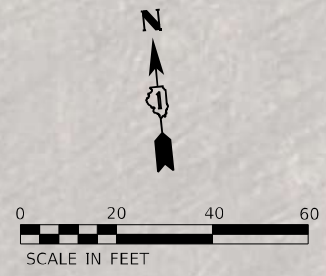


MATCHLINE STA. 104+50.00

NOTE:
ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.

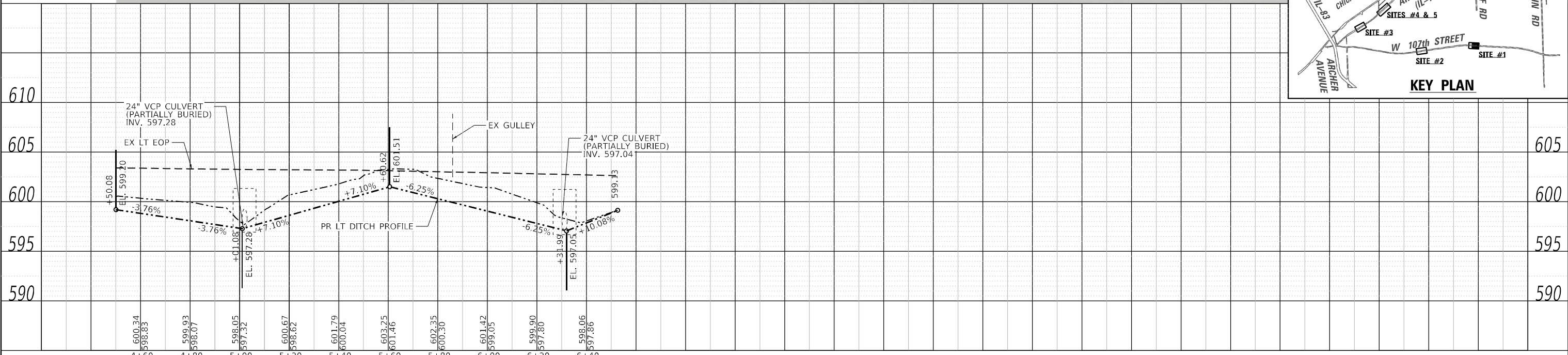
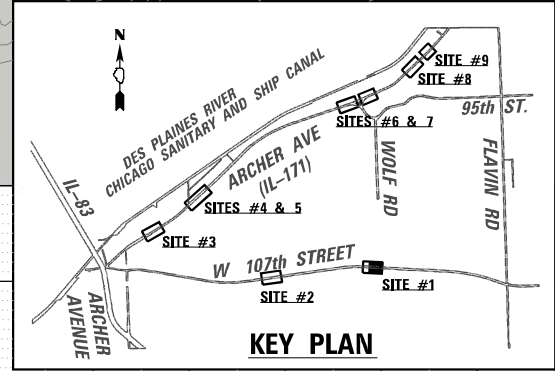


<p>LIN ENGINEERING, LTD. Consulting Engineers Westmont, Illinois</p>	USER NAME = 14nho	DESIGNED - JK	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>107TH STREET DRAINAGE PLAN AND PROFILE SITE #1</p>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	CHECKED - ST	REVISED -		SCALE: 1"=20'H:5'V	SHEET 1 OF 13 SHEETS	STA. 100+00 TO STA. 104+50	VAR.	2023 VAR DRAINAGE	VARIOUS	136	66
PLOT DATE = 10/2024	DATE - 12/2025	REVISED -										CONTRACT NO. 62V08
												ILLINOIS FED. AID PROJECT



MATCHLINE STA. 104+50.00

NOTE:
ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



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Consulting Engineers
Westmont, Illinois

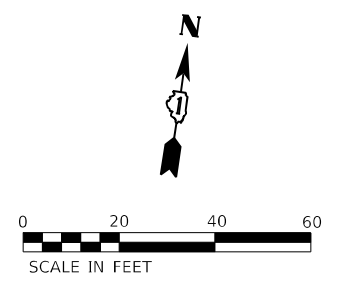
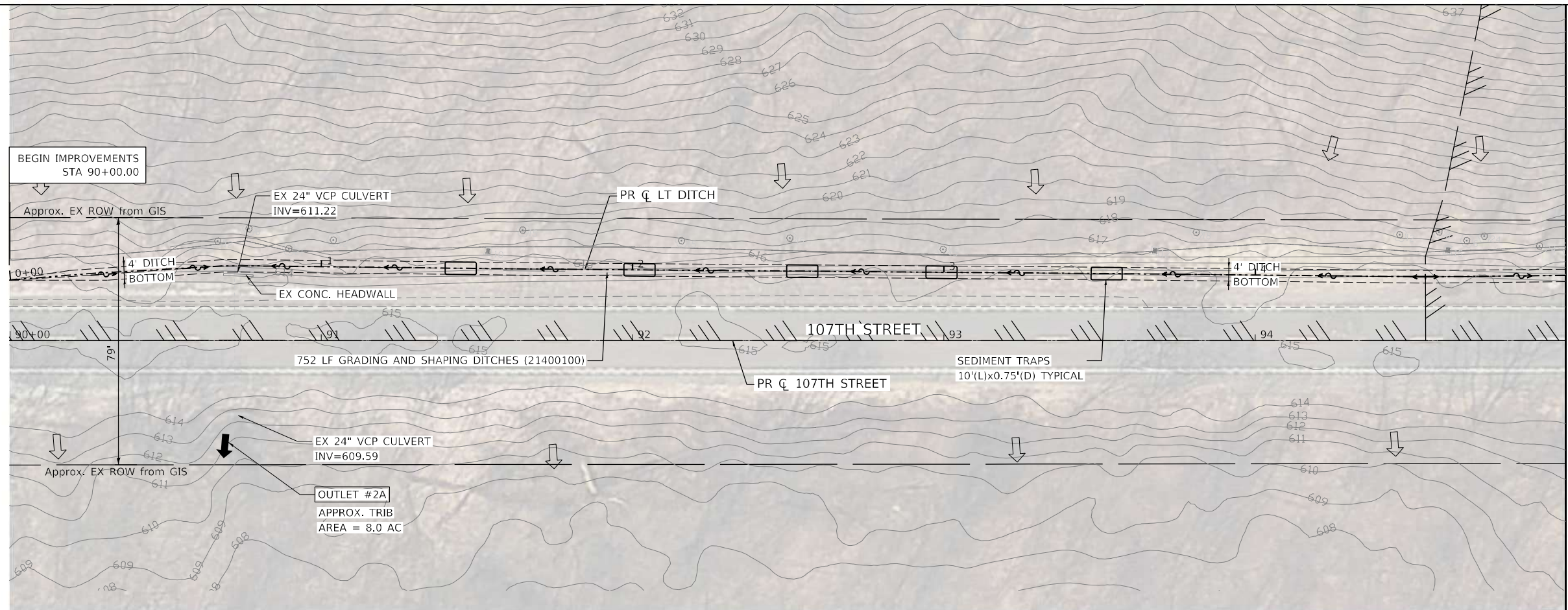
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PLOT SCALE = 40,0000' / in.	DRAWN - JK	REVISED -
PLOT DATE = 10/2024	CHECKED - ST	REVISED -
	DATE - 12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**107TH STREET
DRAINAGE PLAN AND PROFILE
SITE #1**

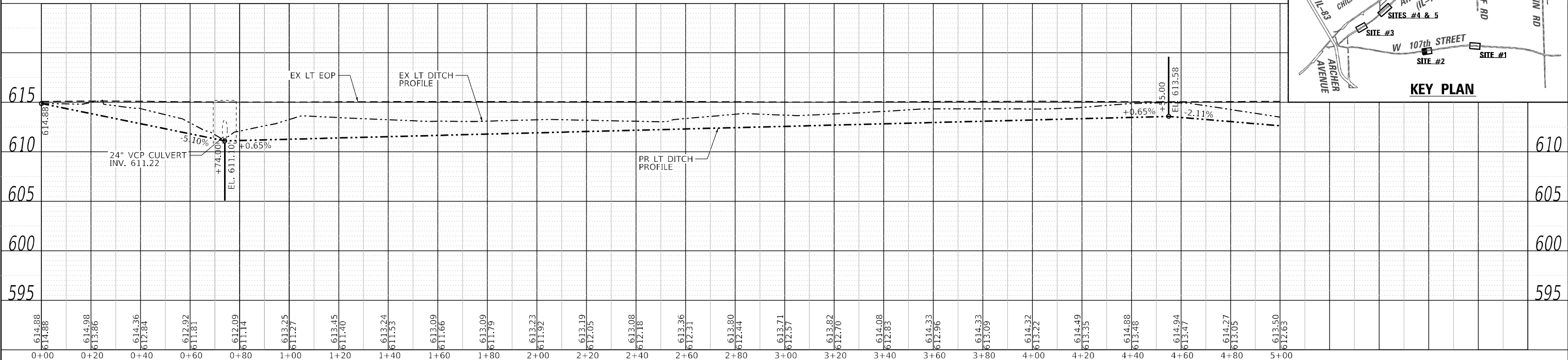
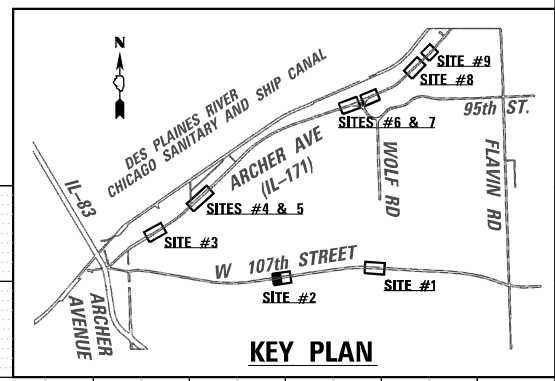
SCALE: 1"=20'H:5'V SHEET 2 OF 13 SHEETS STA. 104+50 TO STA. 106+51

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	67
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 95+00.00

NOTE:
ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



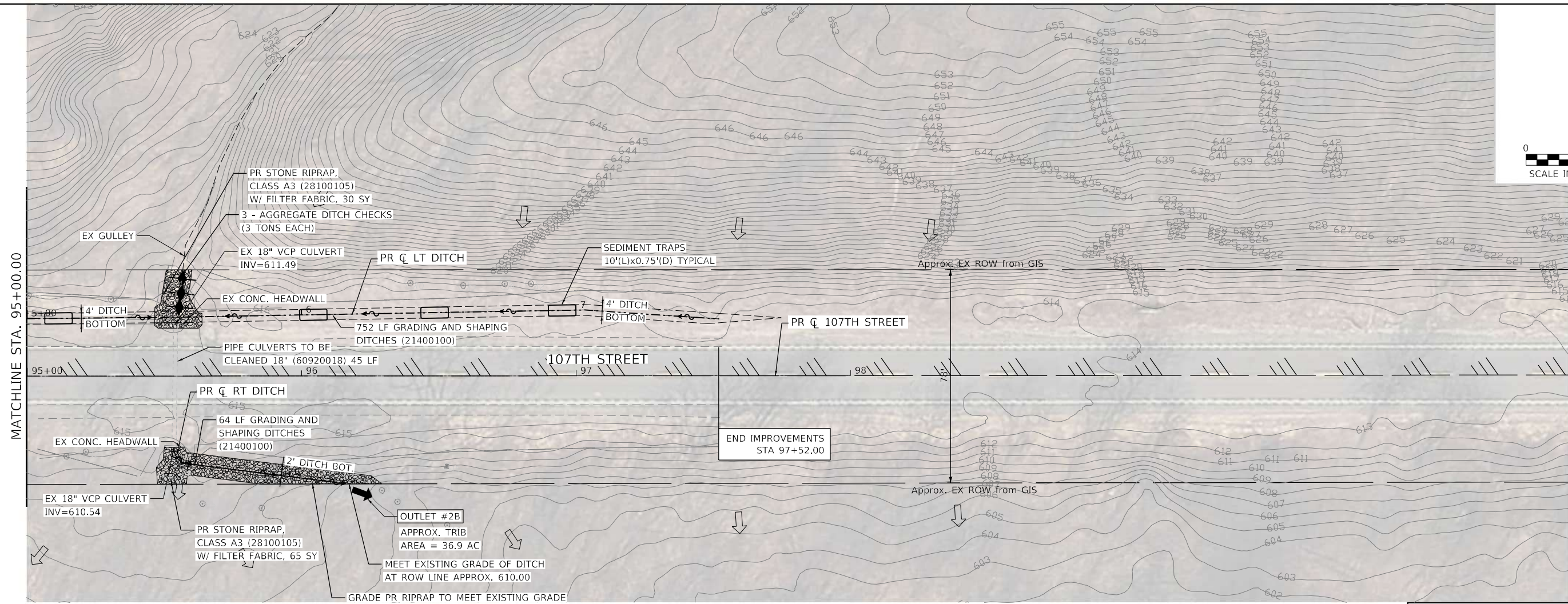
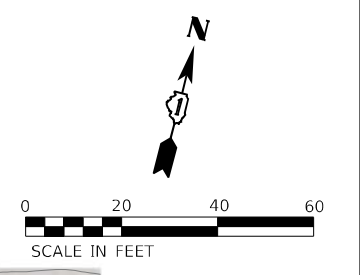
LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

USER NAME = 14nho	DESIGNED - JK	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - JK	REVISED -
PLOT DATE = 10/2024	CHECKED - ST	REVISED -
	DATE - 12/2025	REVISED -

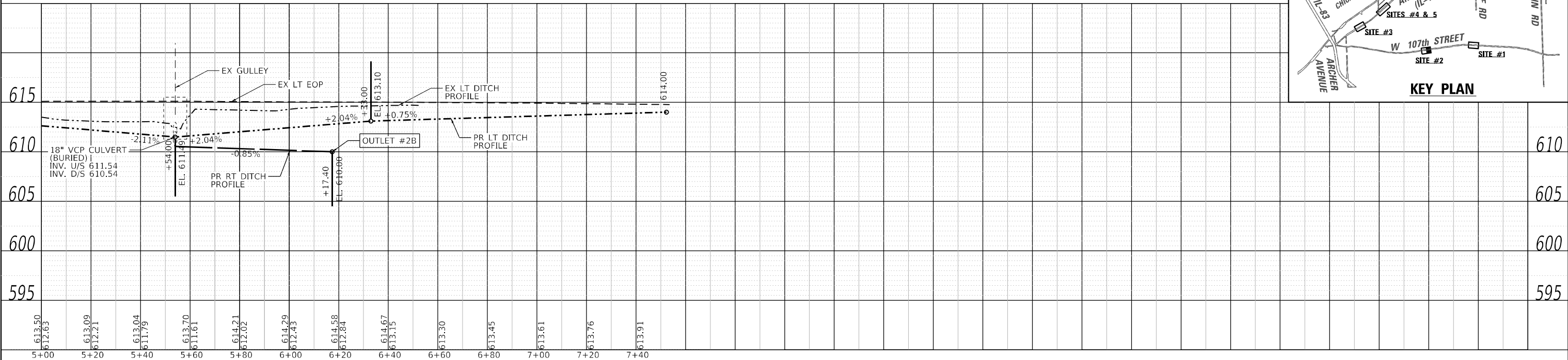
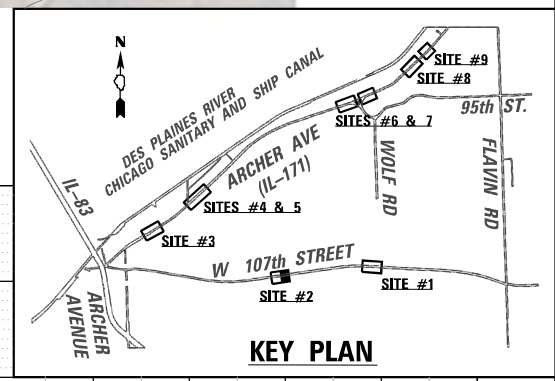
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**107TH STREET
DRAINAGE PLAN AND PROFILE
SITE #2**
SCALE: 1"=20'H:5'V SHEET 3 OF 13 SHEETS STA. 90+00 TO STA. 95+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	68
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



NOTE:
 ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



LIN ENGINEERING, LTD.
 Consulting Engineers
 Westmont, Illinois

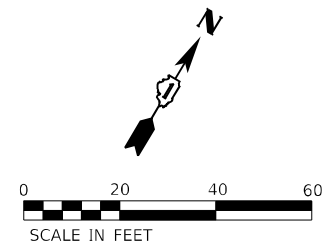
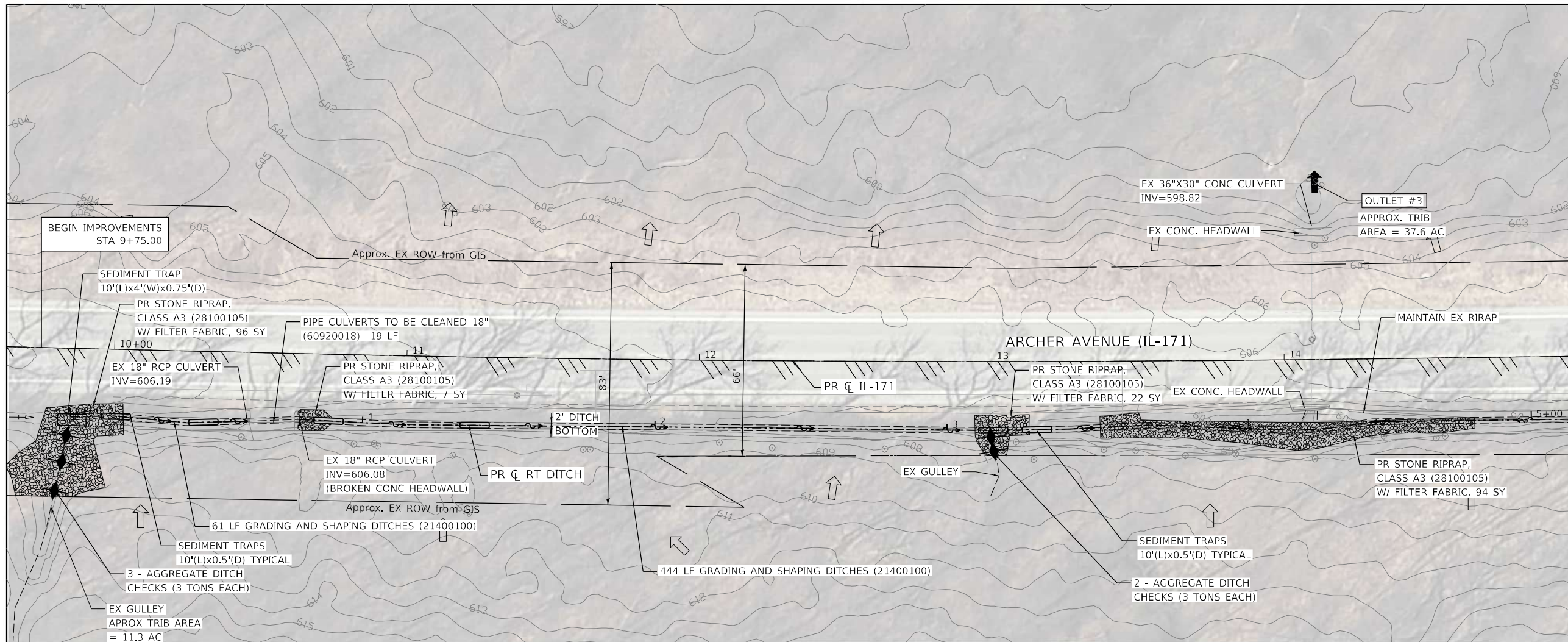
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PLOT DATE = 10/2024	CHECKED - ST	REVISED -
	DATE - 12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

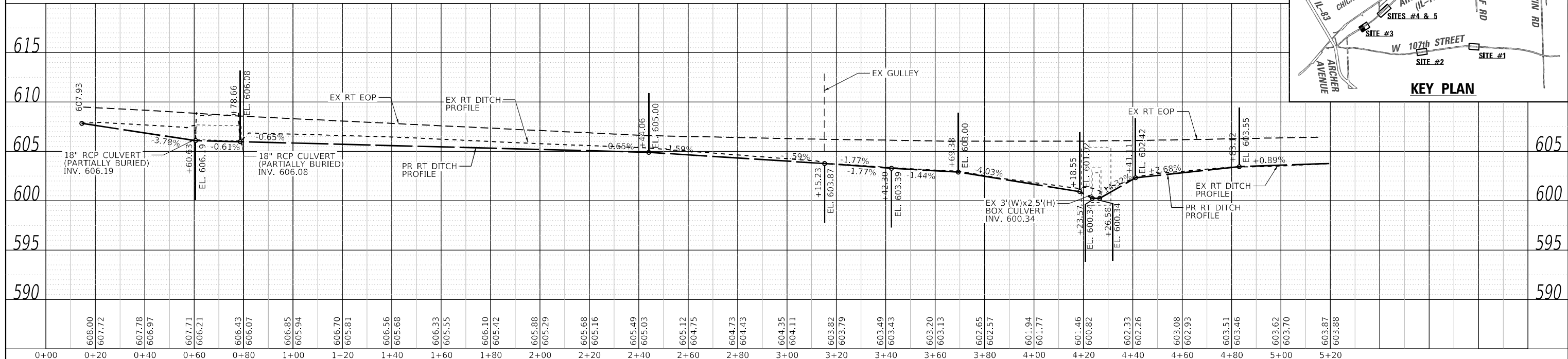
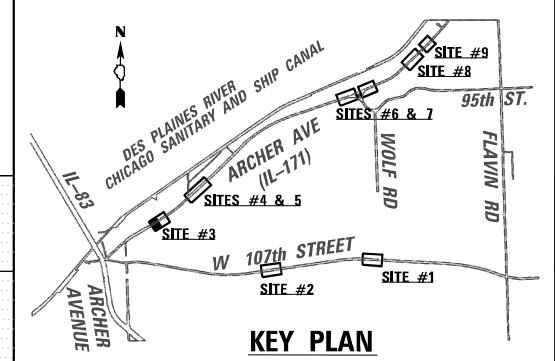
107TH STREET
DRAINAGE PLAN AND PROFILE
SITE #2

SCALE: 1"=20'H:5'V SHEET 4 OF 13 SHEETS STA. 95+00 TO STA. 97+52

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	69
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



NOTE:
 ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



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 Consulting Engineers
 Westmont, Illinois

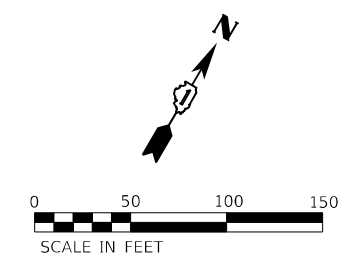
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PLOT SCALE = 40,0000' / in.	DRAWN - JK	REVISED -
PLOT DATE = 10/2024	CHECKED - ST	REVISED -
	DATE - 12/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

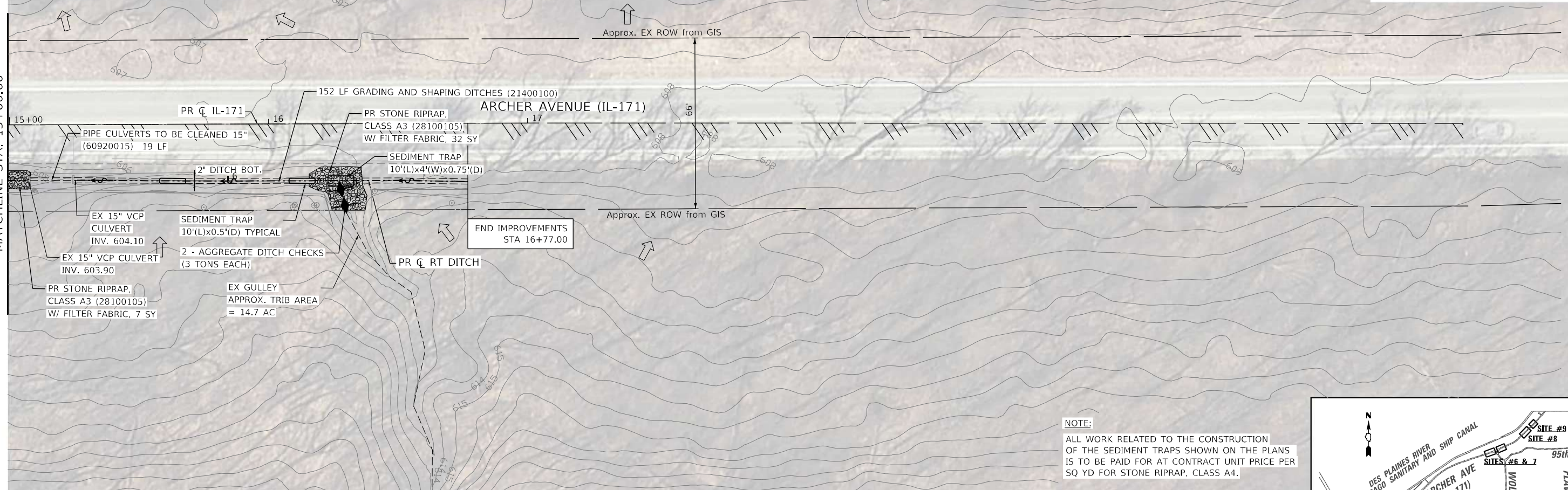
**ARCHER AVE (IL-171)
 DRAINAGE PLAN AND PROFILE
 SITE #3**

SCALE: 1"=20'H:5'V SHEET 5 OF 13 SHEETS STA. 9+75 TO STA. 15+00

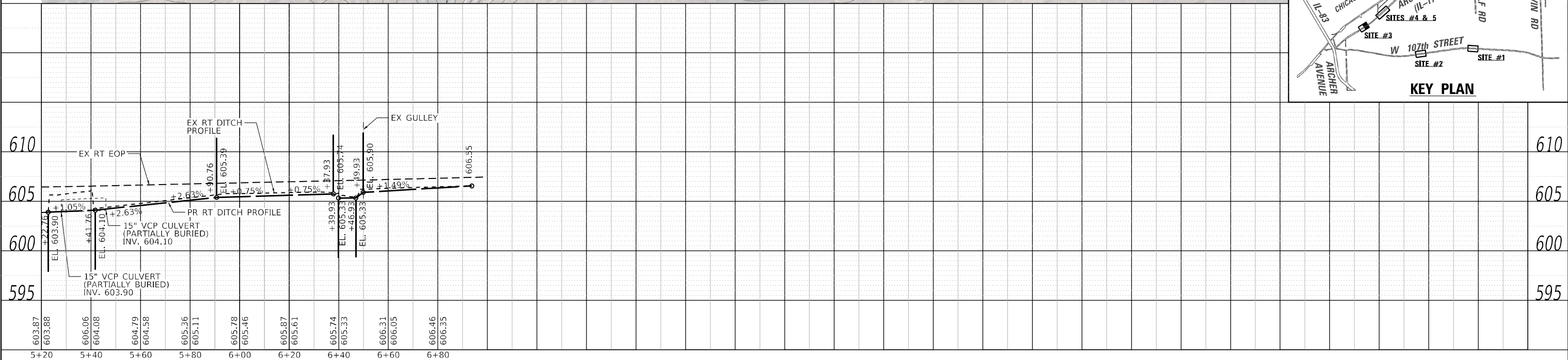
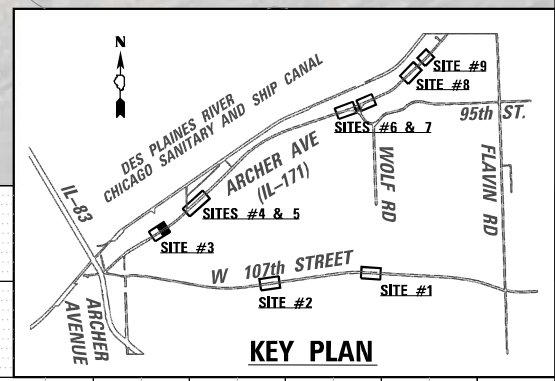
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	70
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 15+00.00



NOTE:
ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



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Consulting Engineers
Westmont, Illinois

USER NAME = 14nho
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DRAWN - JK
CHECKED - ST
DATE - 12/2025
PLOT SCALE = 40,0000' / in.
PLOT DATE = 10/2024

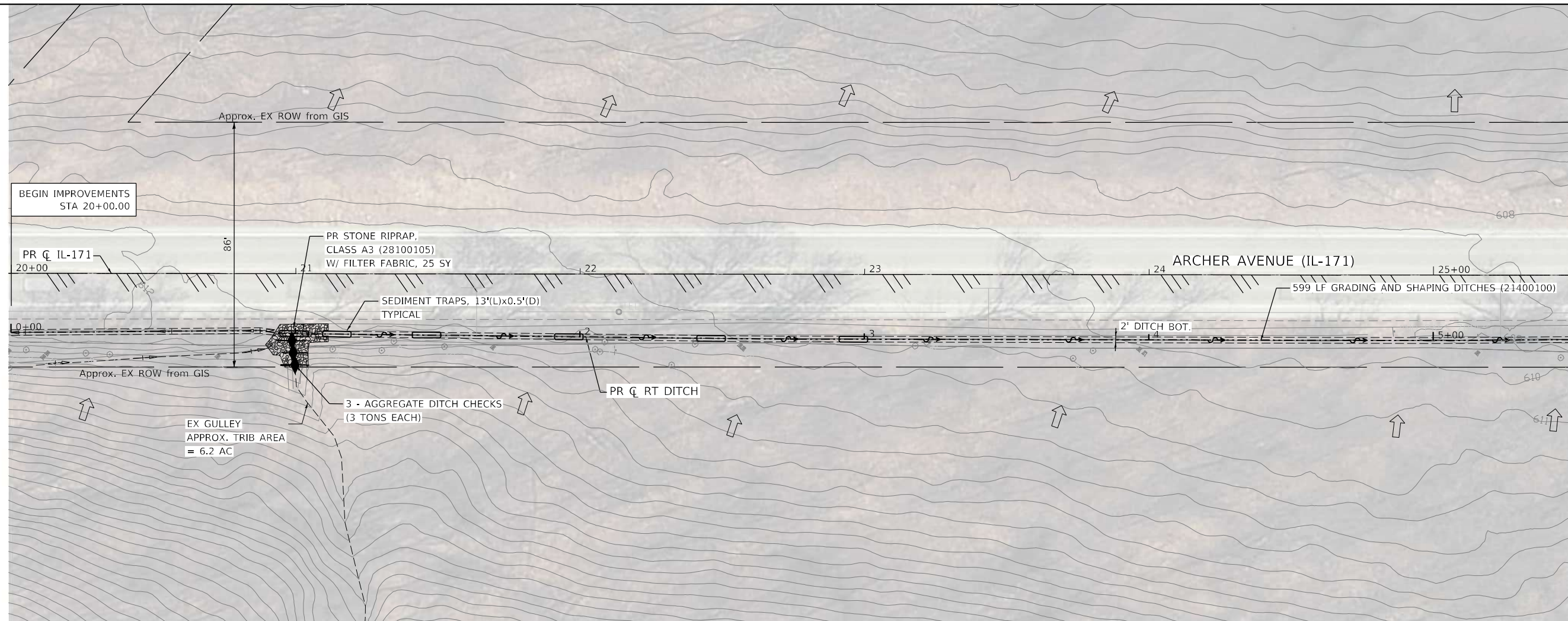
REVISIED -
REVISIED -
REVISIED -
REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARCHER AVE (IL-171)
DRAINAGE PLAN AND PROFILE
SITE #3**

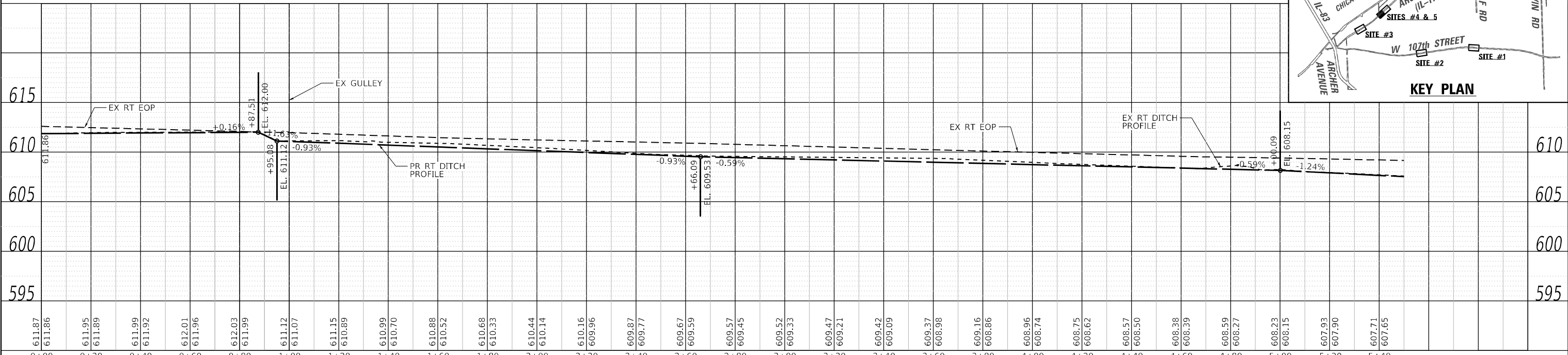
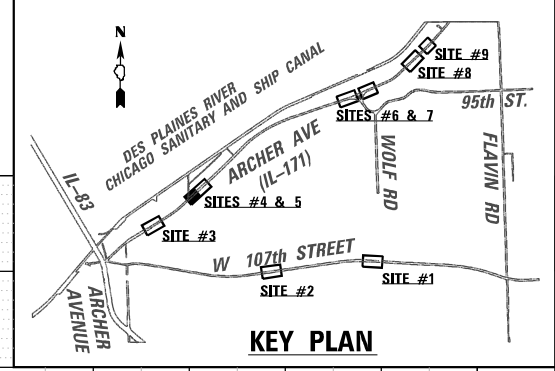
SCALE: 1"=20'H:5'V SHEET 6 OF 13 SHEETS STA. 15+00 TO STA. 16+77

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	71
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



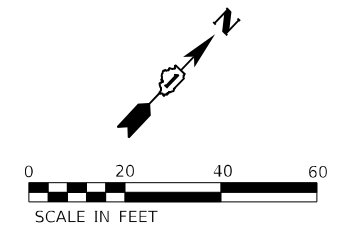
MATCHLINE STA. 25+50.00

NOTE:
ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.

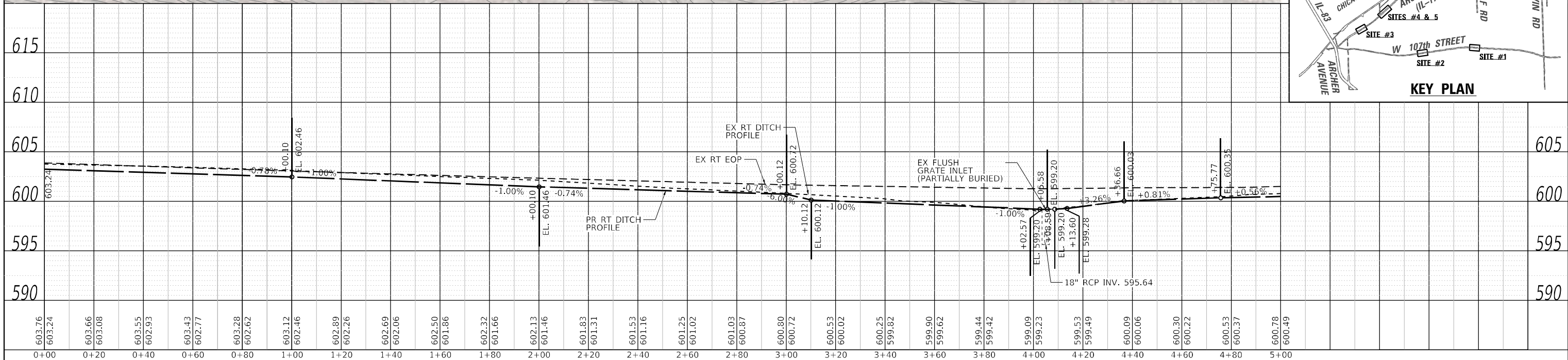
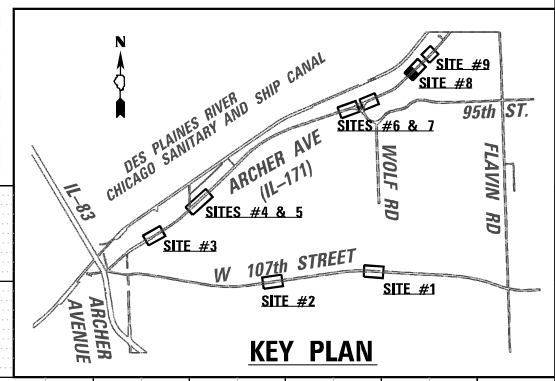


	USER NAME = l4nho	DESIGNED - JK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARCHER AVE (IL-171) DRAINAGE PLAN AND PROFILE SITE #4 & #5	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 40,0000' / in.	DRAWN - JK	REVISED -			VAR.	2023 VAR DRAINAGE	VARIOUS	136	72	
	PLOT DATE = 10/2024	CHECKED - ST	REVISED -			CONTRACT NO. 62V08					
		DATE - 12/2025	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1"=20'H:5'V SHEET 7 OF 13 SHEETS STA. 20+00 TO STA. 25+50



NOTE:
 ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



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 Westmont, Illinois

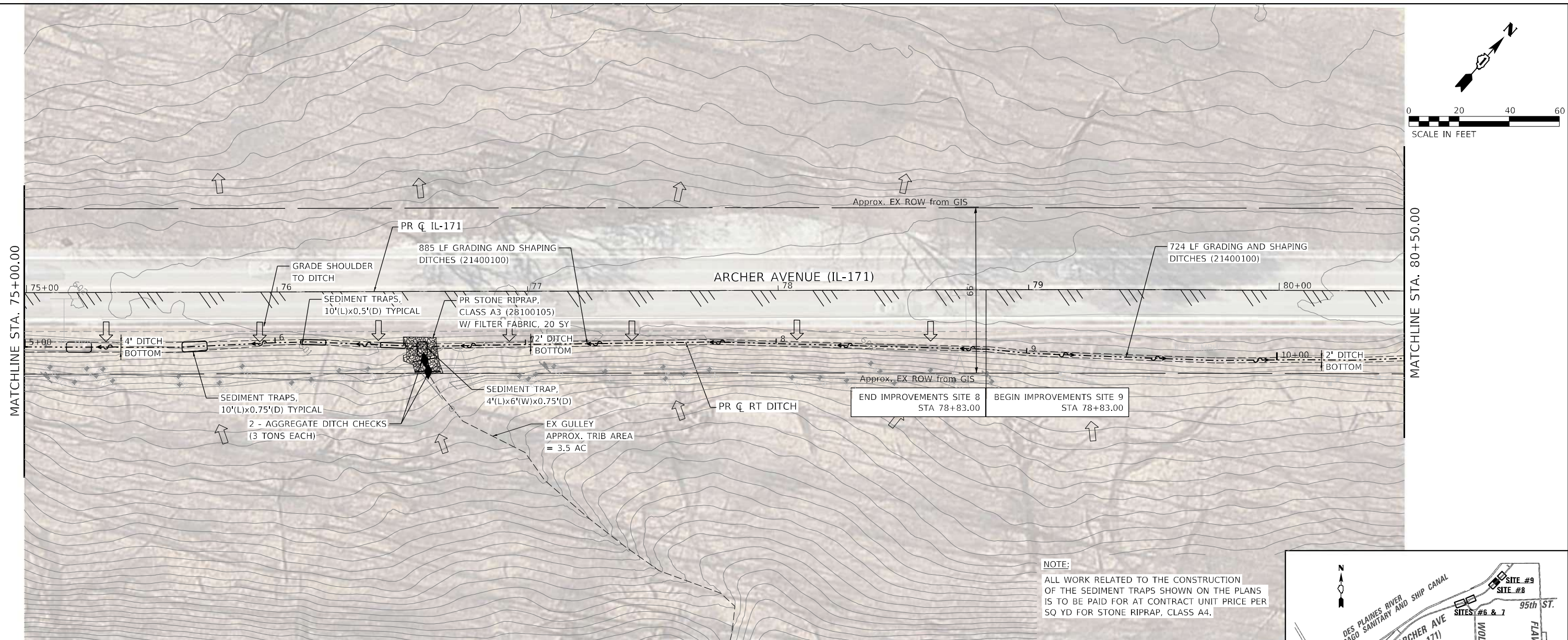
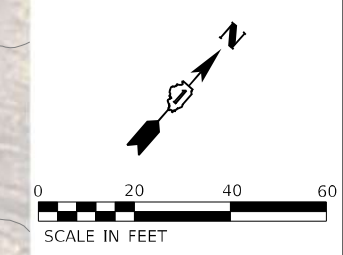
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PLOT DATE = 10/2024	CHECKED - ST	REVISED -
	DATE - 12/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

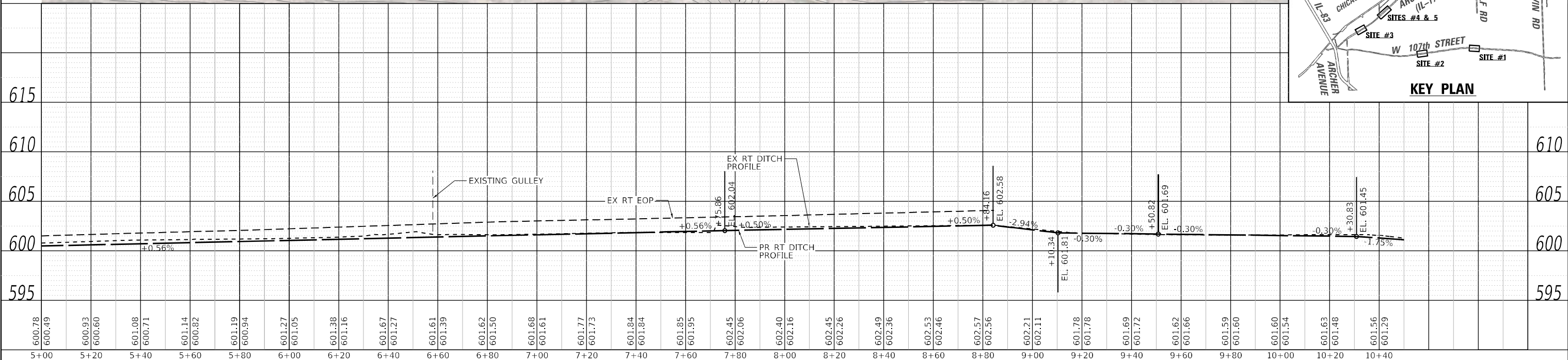
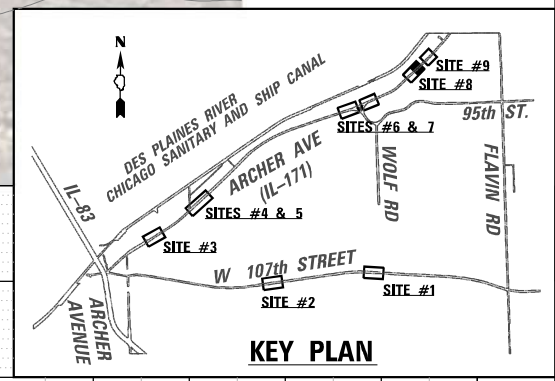
**ARCHER AVE (IL-171)
 DRAINAGE PLAN AND PROFILE
 SITE #8**

SCALE: 1"=20'H:5'V SHEET 11 OF 13 SHEETS STA. 70+00 TO STA. 75+00

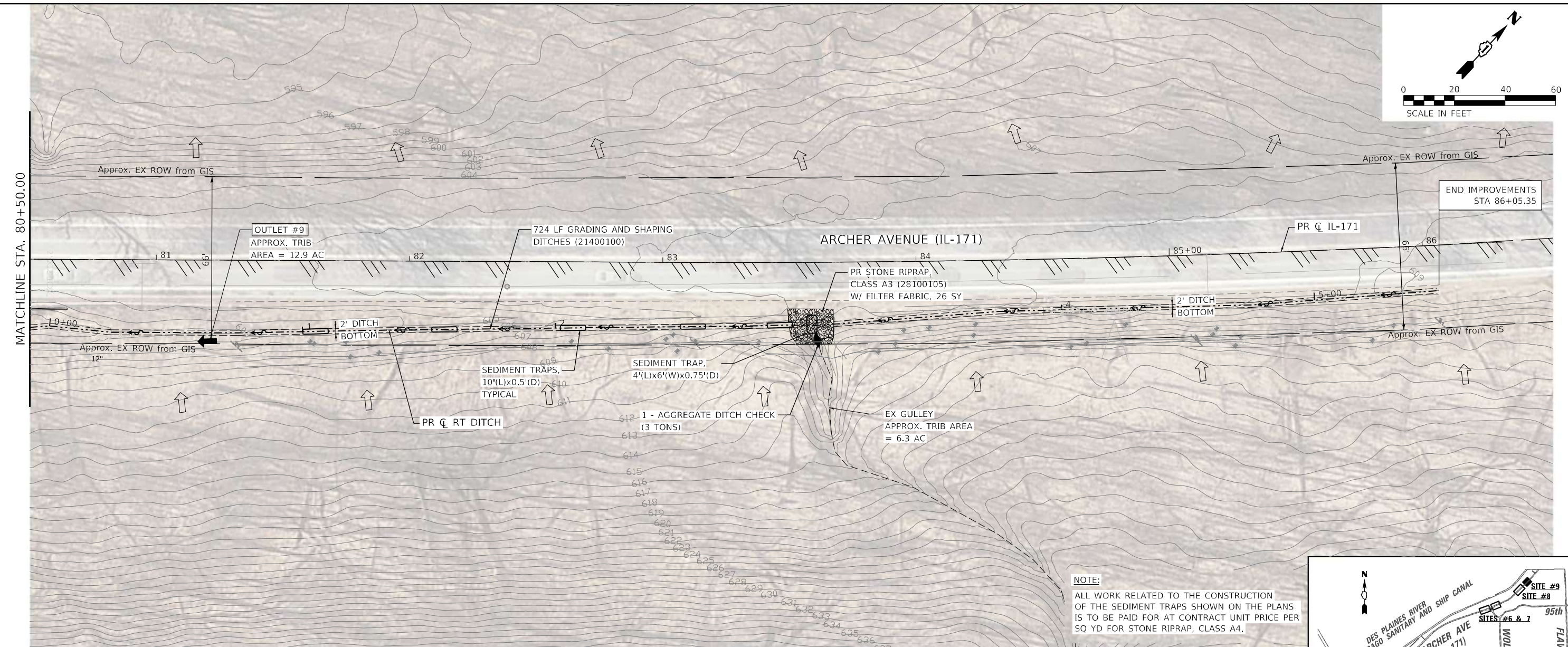
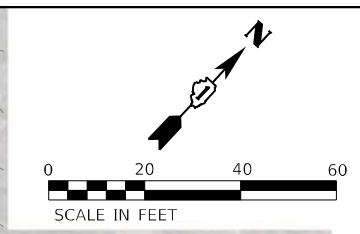
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	74
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



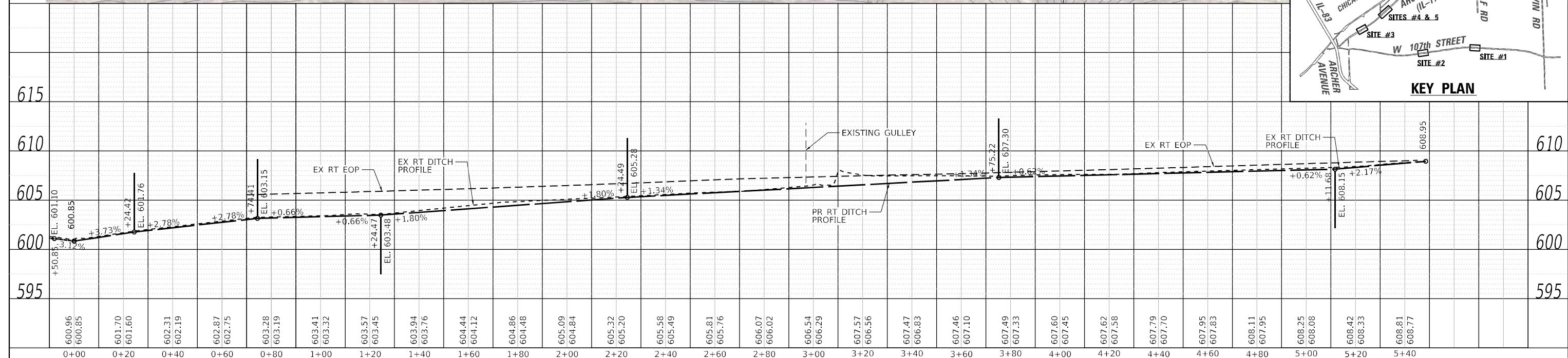
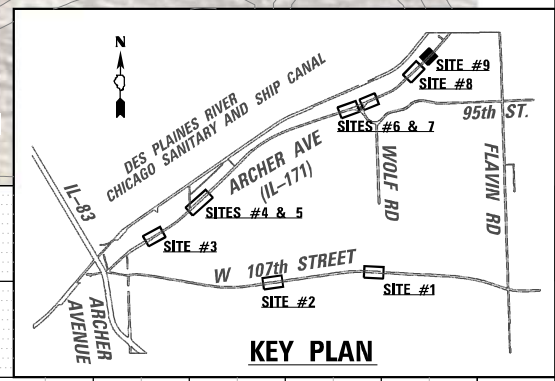
NOTE:
ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



 LIN ENGINEERING, LTD. Consulting Engineers Westmont, Illinois	USER NAME = 14nho	DESIGNED - JK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARCHER AVE (IL-171) DRAINAGE PLAN AND PROFILE SITE #8 & 9		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	CHECKED - ST	REVISED -		VAR.	2023 VAR DRAINAGE	VARIOUS	136	75		
	PLOT DATE = 10/2024	DATE - 12/2025	REVISED -		SCALE: 1"=20'H:5'V		SHEET 12 OF 13 SHEETS	STA. 75+00	TO STA. 80+50	CONTRACT NO. 62V08	
	ILLINOIS FED. AID PROJECT										



NOTE:
ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



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Consulting Engineers
Westmont, Illinois

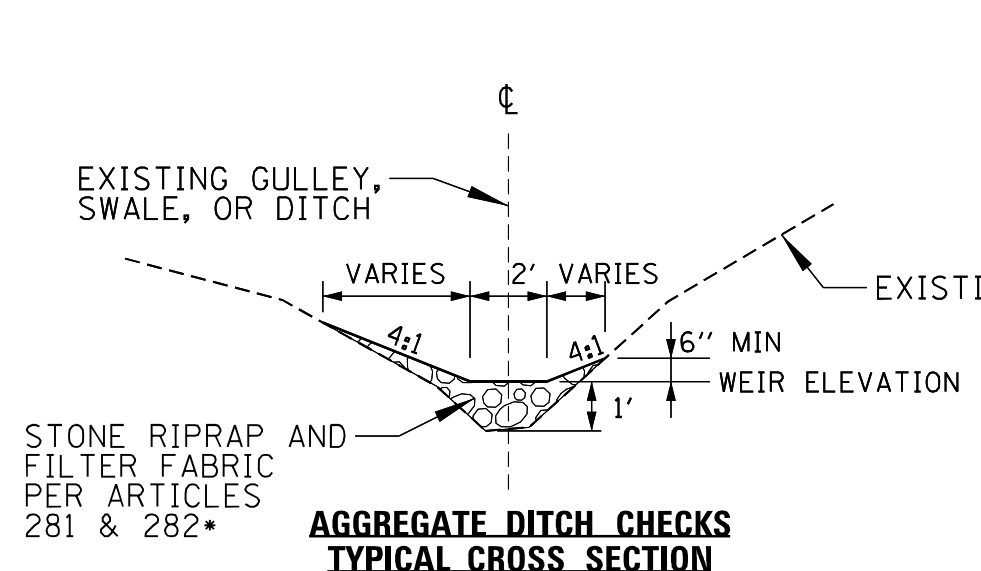
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	DATE - 12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

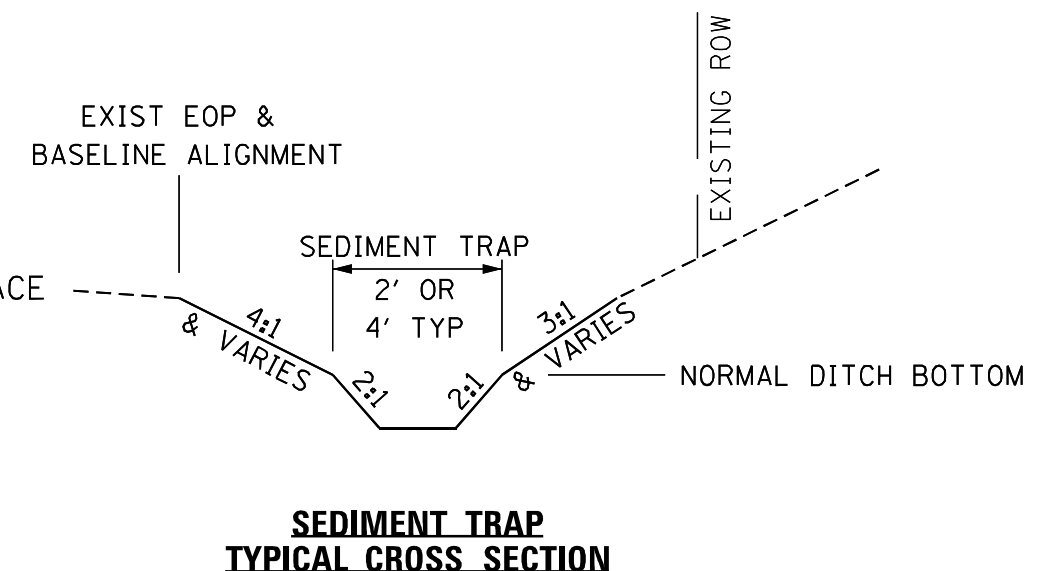
ARCHER AVE (IL-171)
DRAINAGE PLAN AND PROFILE
SITE #9

SCALE: 1"=20'H:5'V SHEET 13 OF 13 SHEETS STA. 80+50 TO STA. 86+05

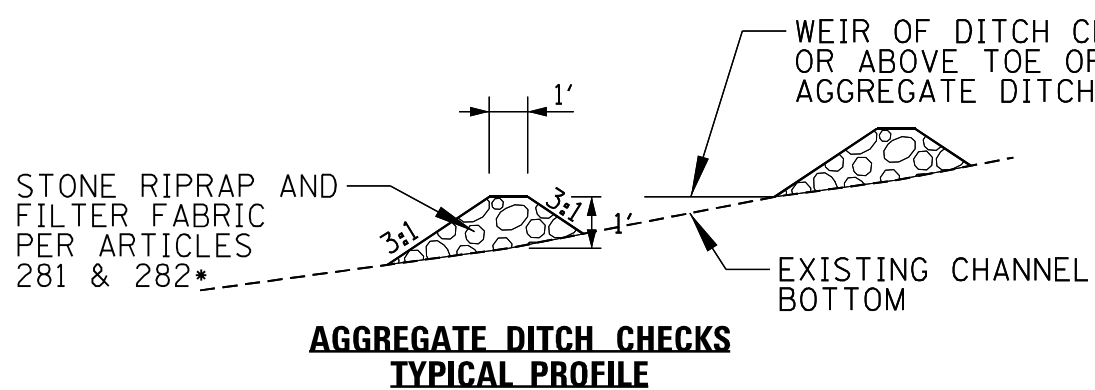
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	76
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



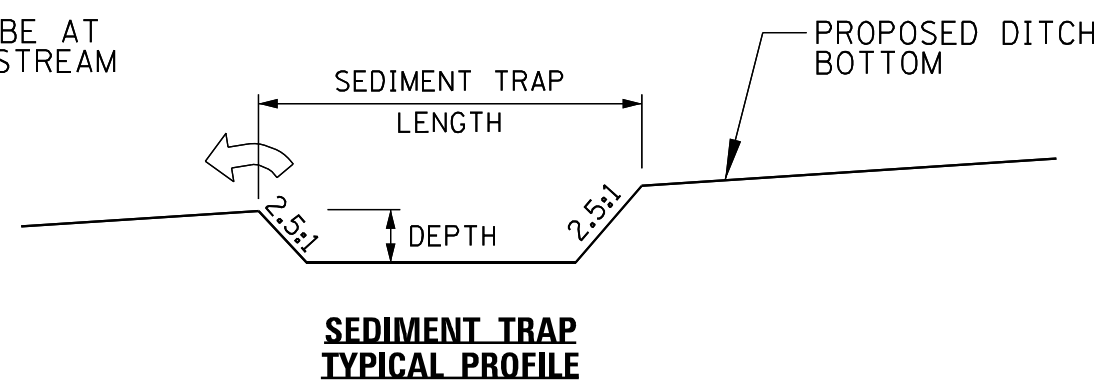
**AGGREGATE DITCH CHECKS
TYPICAL CROSS SECTION**



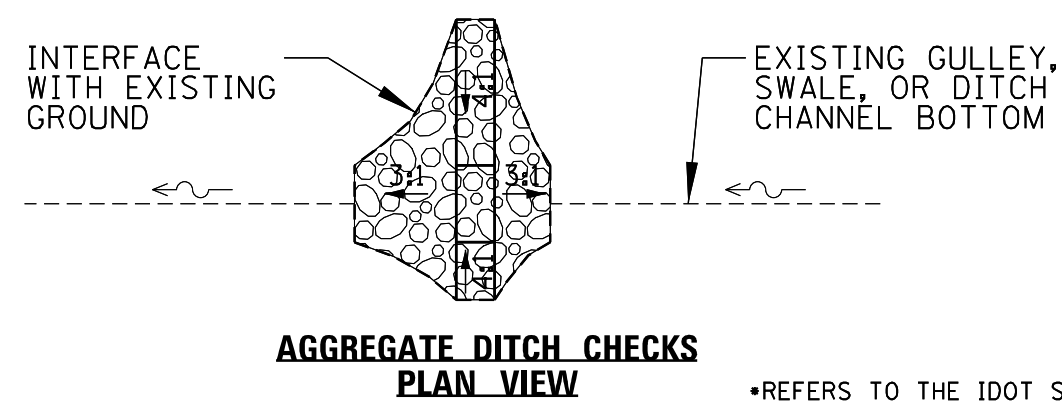
**SEDIMENT TRAP
TYPICAL CROSS SECTION**



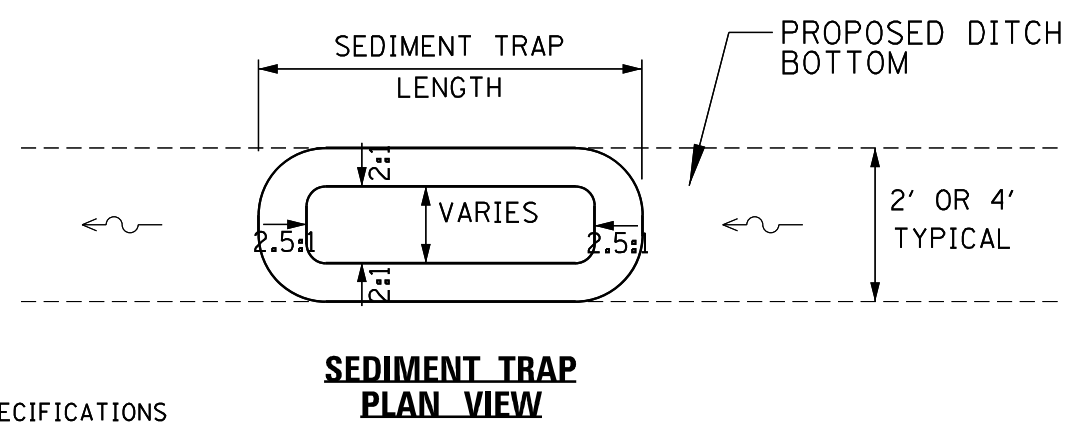
**AGGREGATE DITCH CHECKS
TYPICAL PROFILE**



**SEDIMENT TRAP
TYPICAL PROFILE**



**AGGREGATE DITCH CHECKS
PLAN VIEW**



**SEDIMENT TRAP
PLAN VIEW**

*REFERS TO THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

MODEL: Default
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PLOT SCALE = 5,000' / in.	DRAWN - MM	REVISED -
PLOT DATE = 12/5/2025	CHECKED - KE	REVISED -
	DATE - 09/24/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 171
CONSTRUCTION DETAILS**

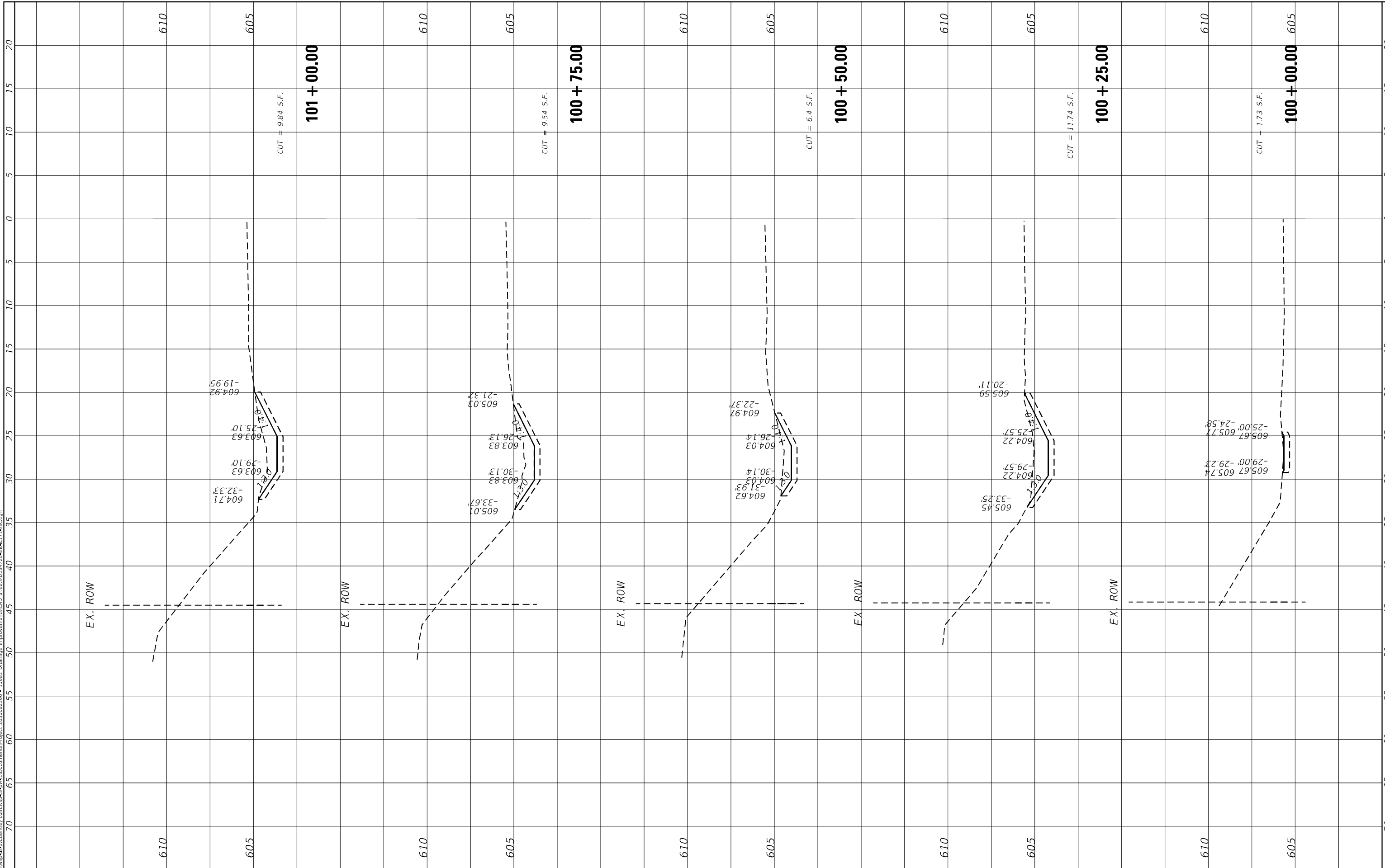
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	77
			CONTRACT NO. 62V08	
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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DESIGNED -
DRAWN -
REVISOR -
PLOT SCALE = 10,0000 * / in.
CHECKED -
DATE = 12/5/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISOR -
REVISION -
REVISION -
REVISION -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITES #1 107TH STREET
CROSS SECTIONS**

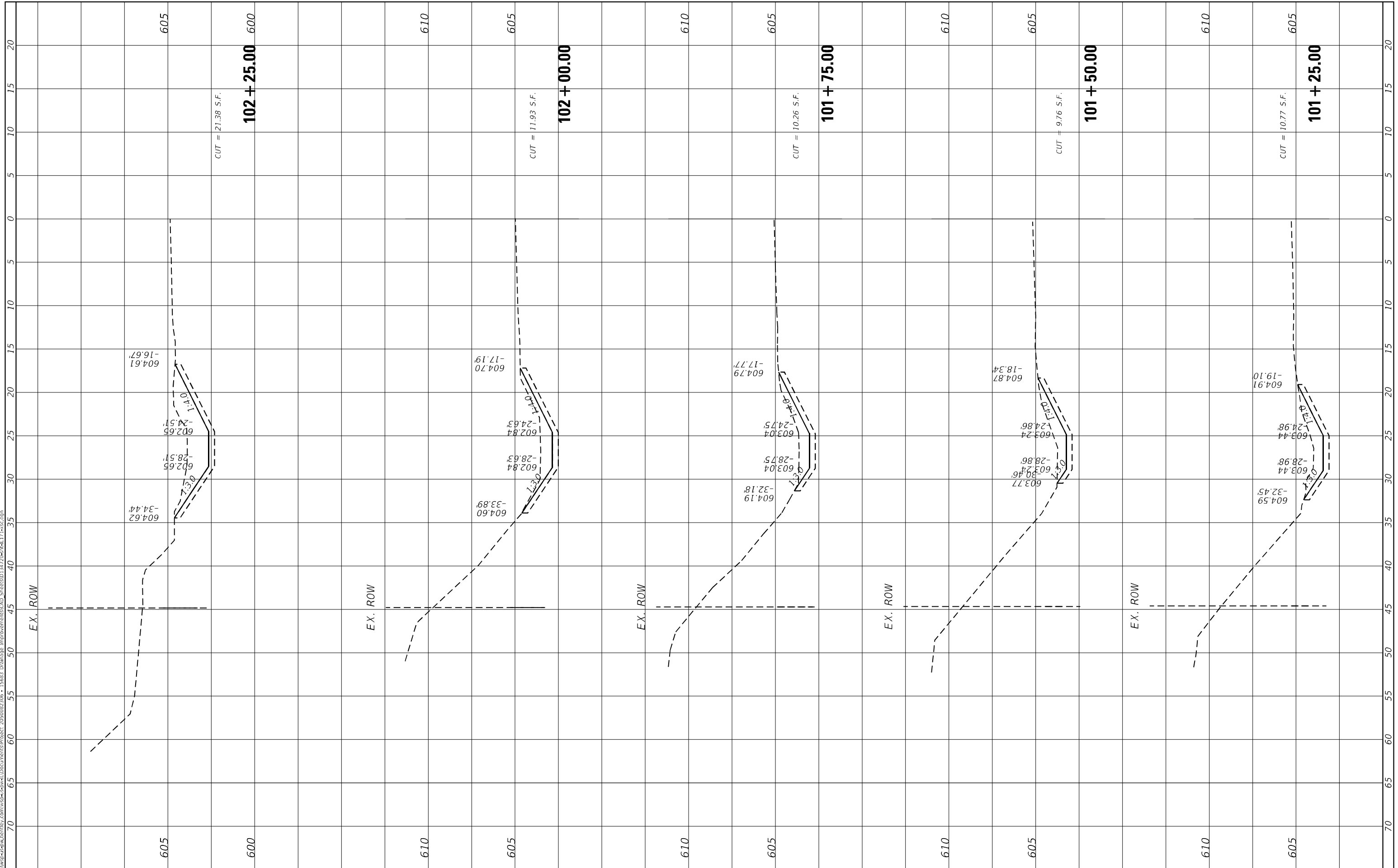
SCALE: $\frac{1}{2}$ " = 10' SHEET 1 OF 6 SHEETS STA. 100+00.00 TO STA. 101+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	78
CONTRACT NO. 62V08				
ILLINOIS		FED. AID PROJECT		

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

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #1 107TH STREET
 CROSS SECTIONS**

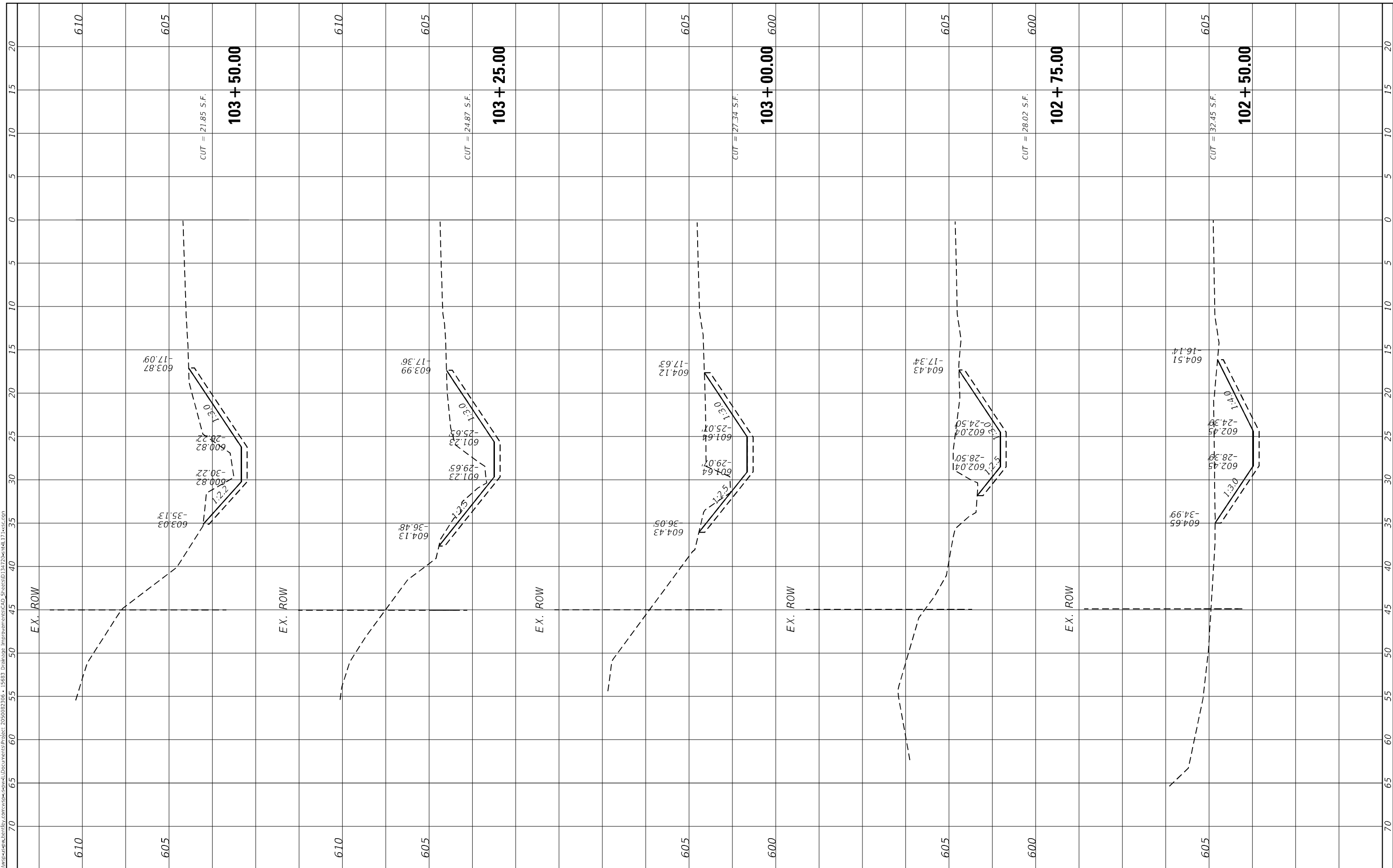
SCALE: $\frac{1"}{40'}$ SHEET 2 OF 6 SHEETS STA. 101+25.00 TO STA. 102+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	79
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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PLOT DATE = 12/5/2025

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #1 107TH STREET
 CROSS SECTIONS

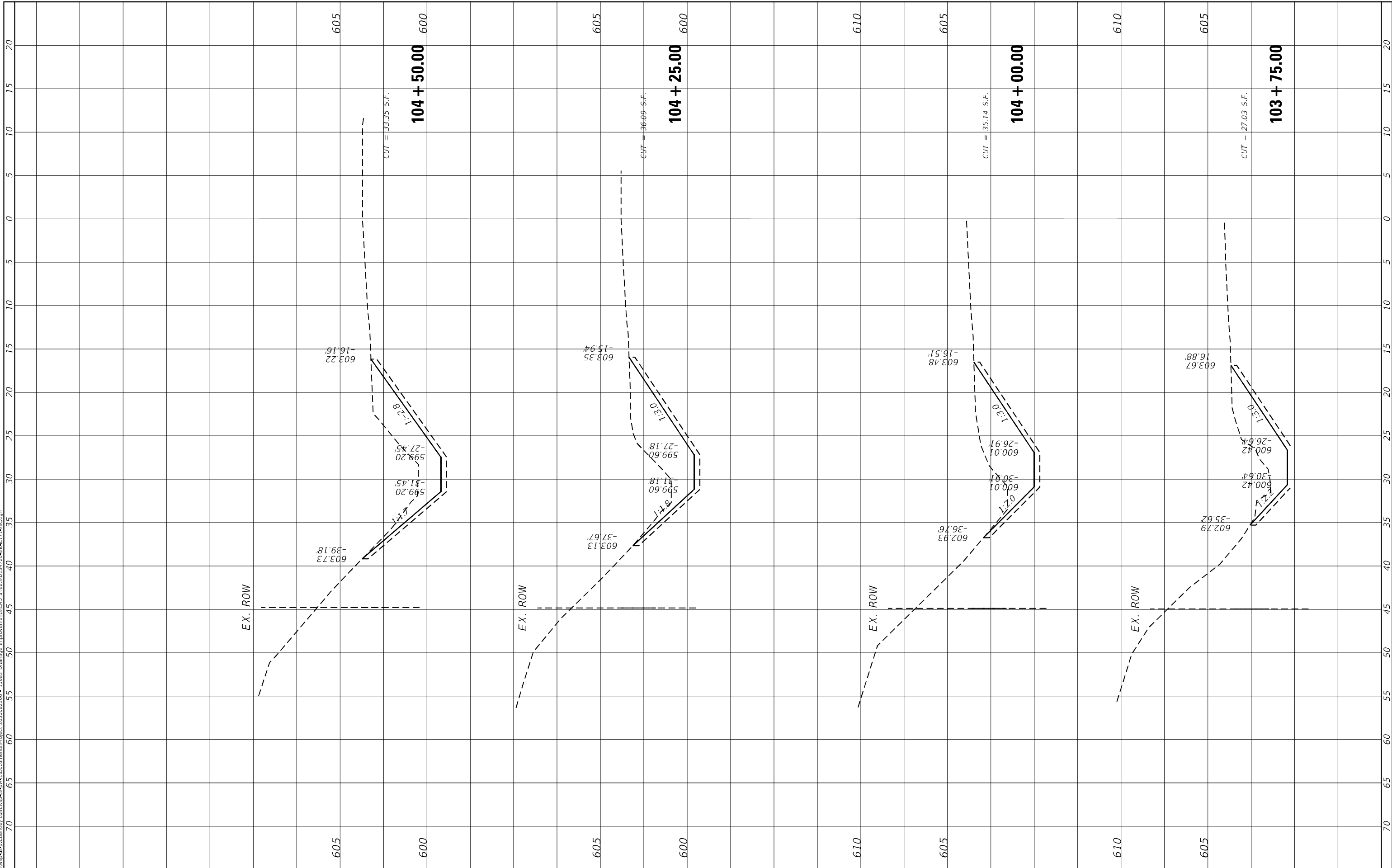
SCALE: H: 1"=40' V: 1"=4' SHEET 3 OF 6 SHEETS STA. 102+50.00 TO STA. 103+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	80
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	DATE
NOTE BOOK	
AREAS CHECKED	

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USER NAME = USMM717315
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PLOT DATE = 12/5/2025

DESIGNED -
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CHECKED -
DATE -

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #1 107TH STREET
 CROSS SECTIONS**

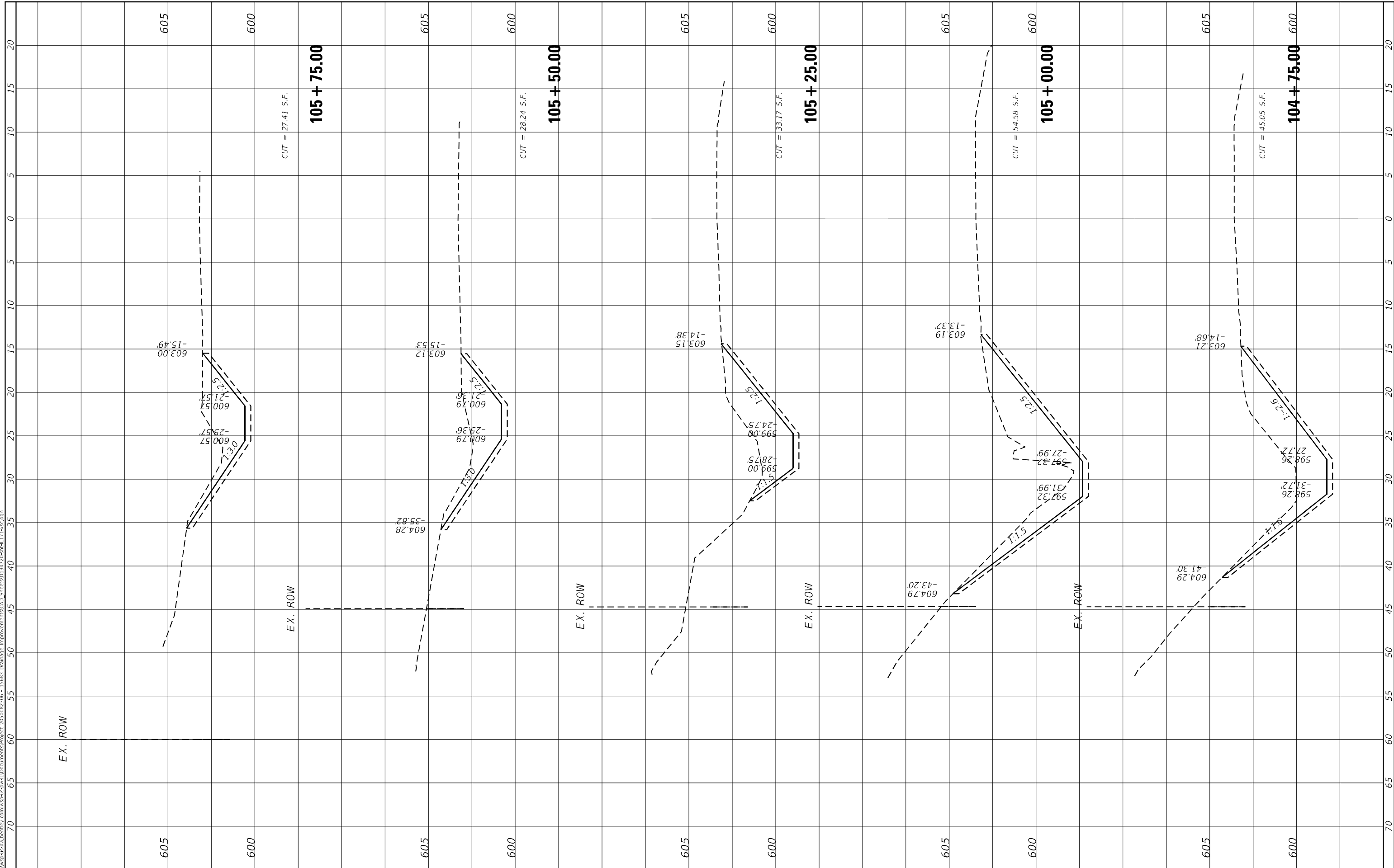
SCALE: $\frac{1"}{40'}$ SHEET 4 OF 6 SHEETS STA. 103+75.00 TO STA. 104+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	81
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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PLotted DATE	= 12/5/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: $\frac{1"}{40'}$ SHEET 5 OF 6 SHEETS STA. 104+75.00 TO STA. 105+75.00

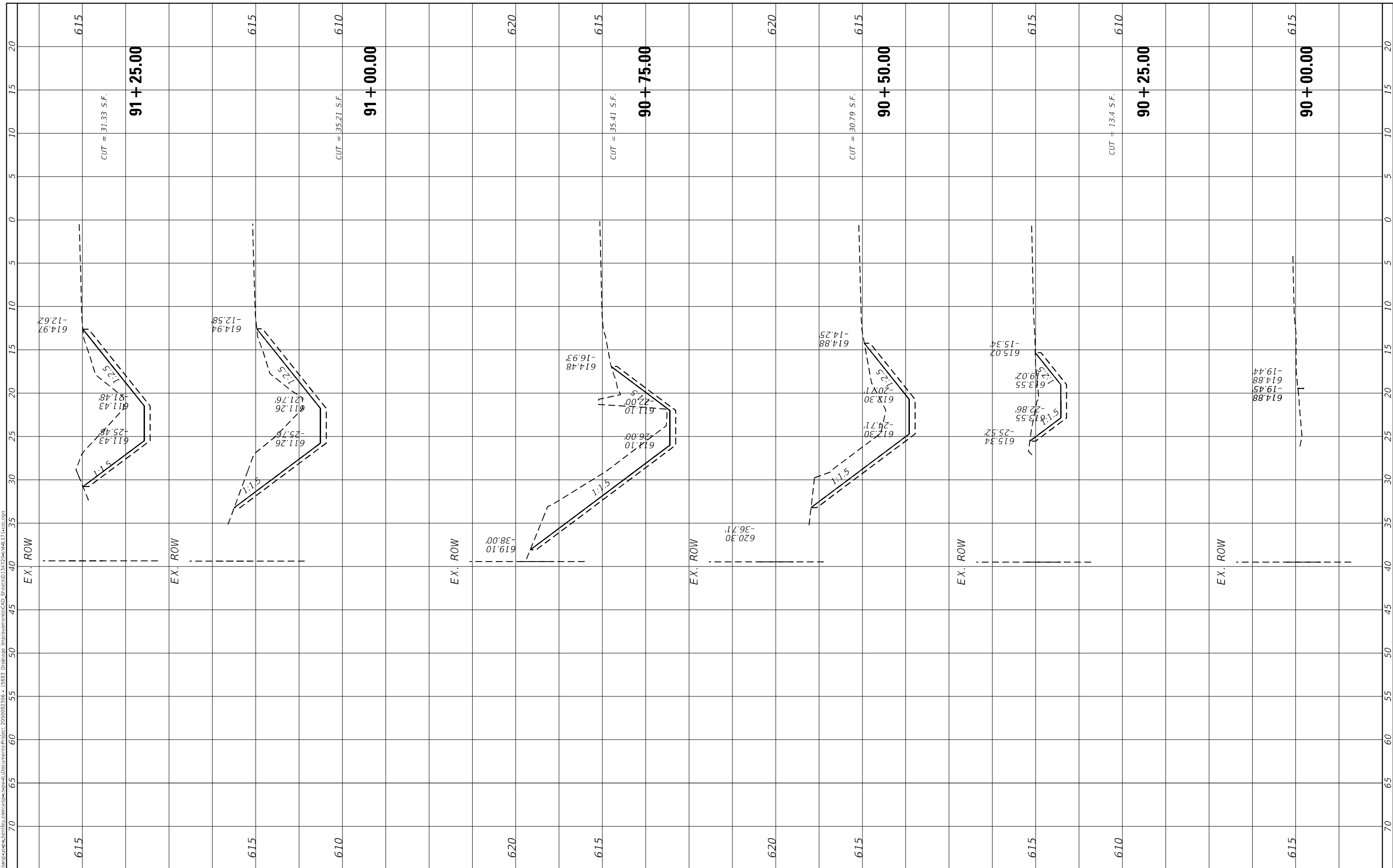
**SITES #1 107TH STREET
CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	82
				CONTRACT NO. 62V08
				ILLINOIS FED. AID PROJECT

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

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

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USER NAME = USMM717315	DESIGNED -	REVISD -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISD -
PLOT DATE = 12/5/2025	CHECKED -	REVISD -
	DATE -	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #2 107TH STREET
 CROSS SECTIONS

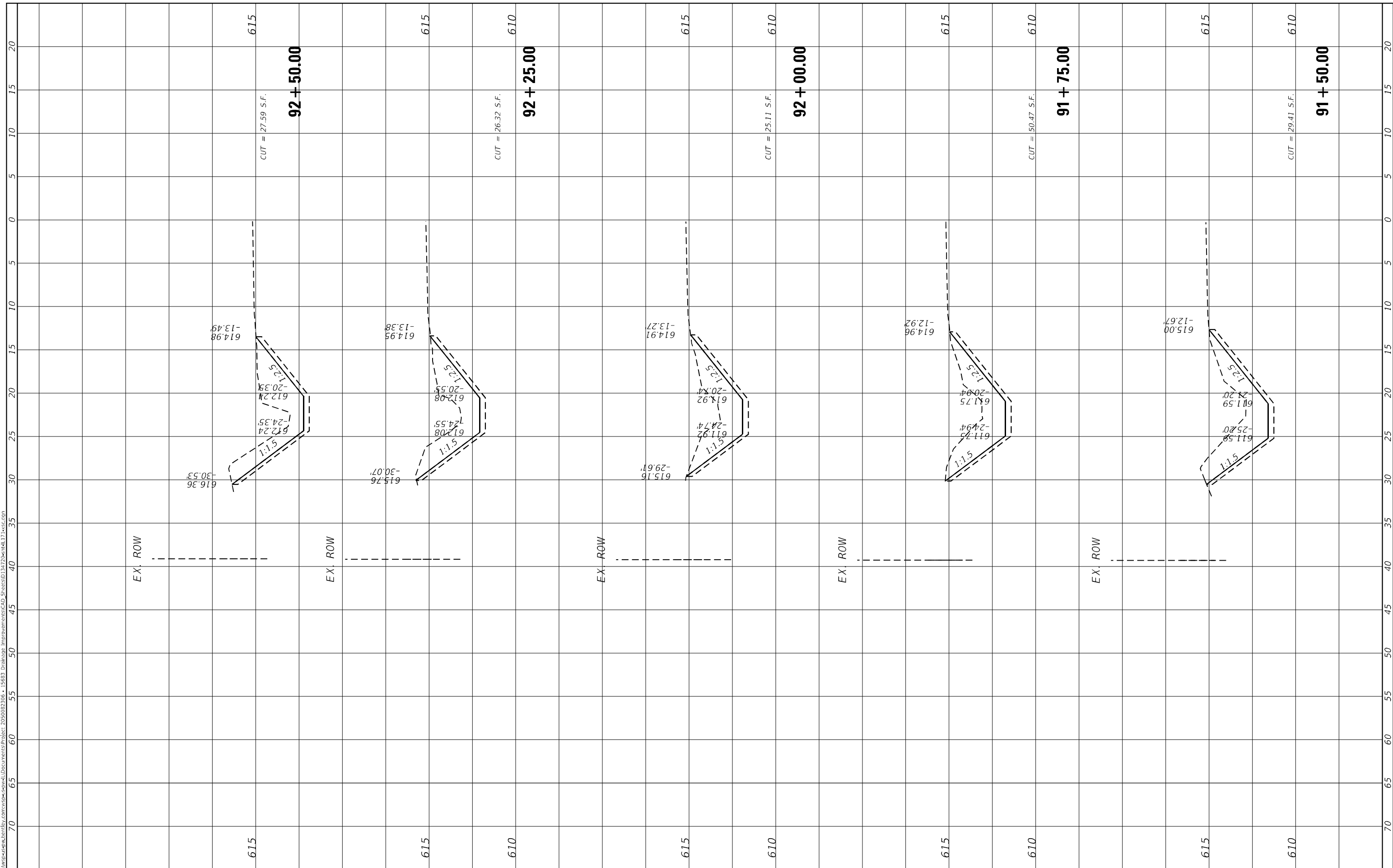
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 1 OF 6 SHEETS STA. 90+00.00 TO STA. 91+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	84
				CONTRACT NO. 62V08
ILLINOIS FED. AID PROJECT				

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

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

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PLOT SCALE = 10.0000' */ in.	DRAWN -	REVISED -
PLOT DATE = 12/5/2025	CHECKED -	REvised -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #2 107TH STREET
CROSS SECTIONS

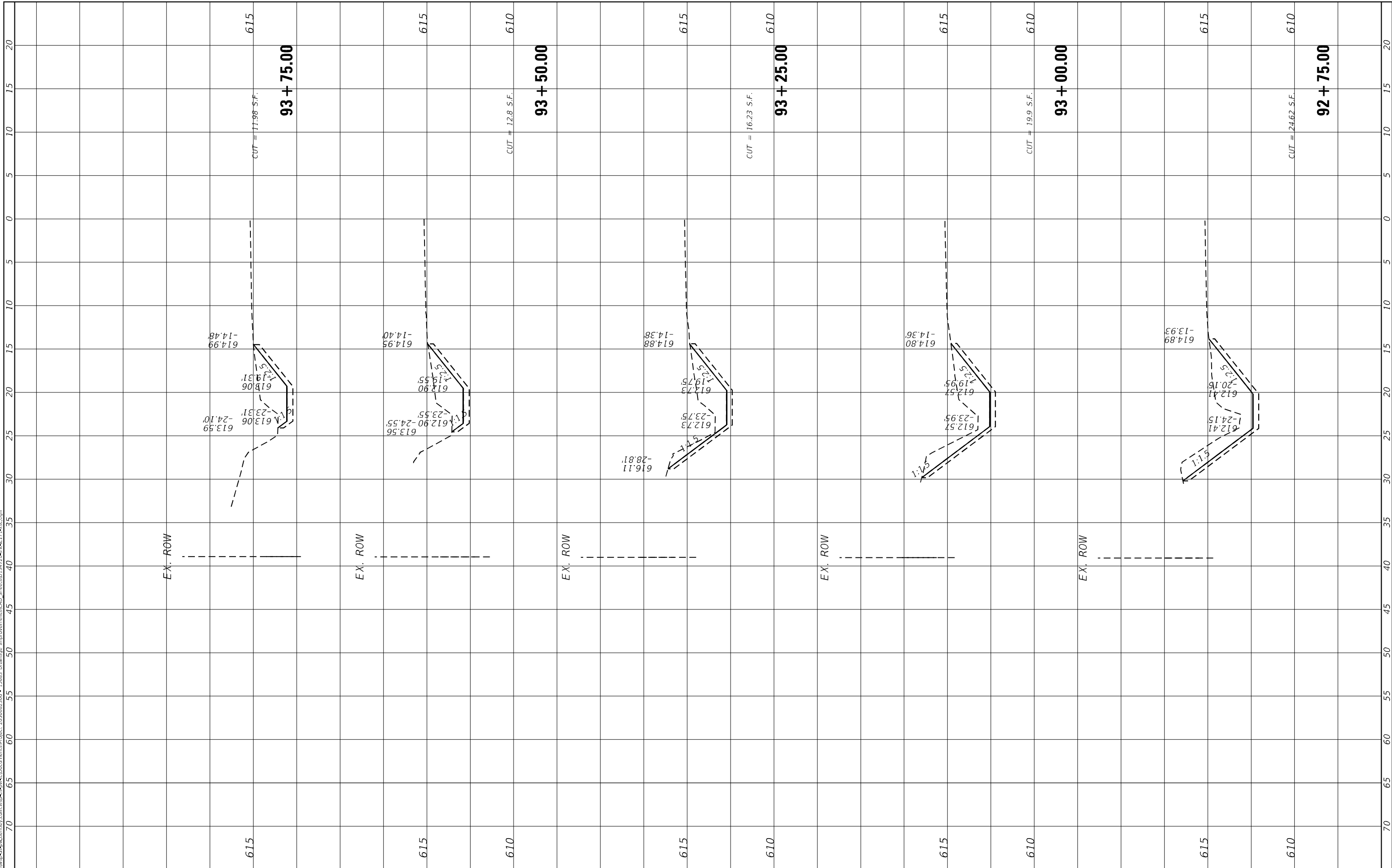
SCALE: H: 1"=100' V: 1"=5' SHEET 2 OF 6 SHEETS STA. 91+50.00 TO STA. 92+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	85
		CONTRACT NO. 62V08		
		ILLINOIS FED. AID PROJECT		

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

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

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 PLOT DATE = 12/5/2025

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

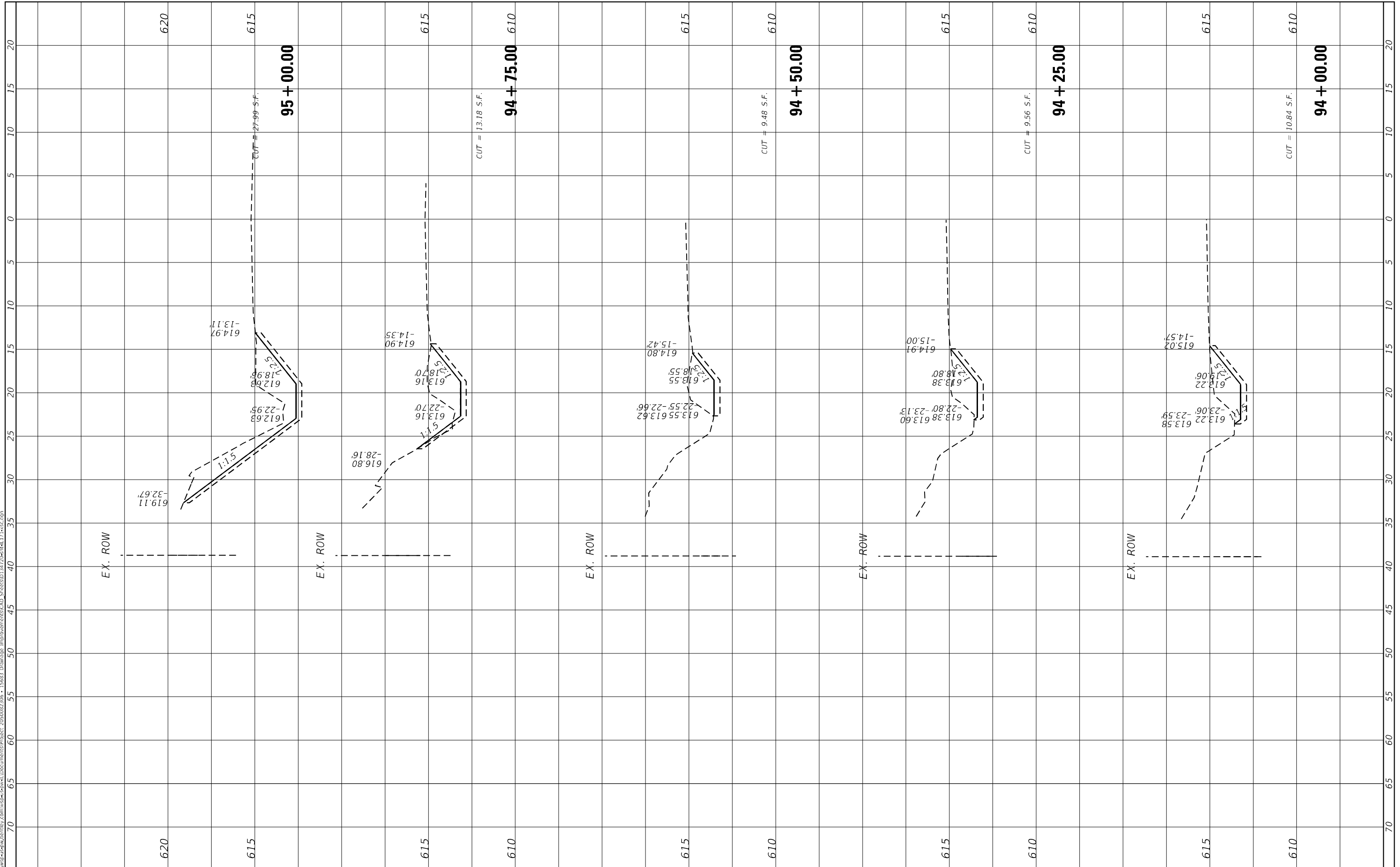
SITES #2 107TH STREET
 CROSS SECTIONS

SCALE: H: 1" = 10'
 V: 1" = 4'
 SHEET 3 OF 6 SHEETS STA. 92+75.00 TO STA. 93+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	86
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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



USER NAME = USMM717315	DESIGNED -	REVISD -
PLOT SCALE = 10.0000' */ in.	DRAWN -	REVISD -
PLOT DATE = 12/5/2025	CHECKED -	REVISD -
	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=100'	SHEET 4	OF 6 SHEETS	STA. 94+00.00	TO STA. 95+00.00
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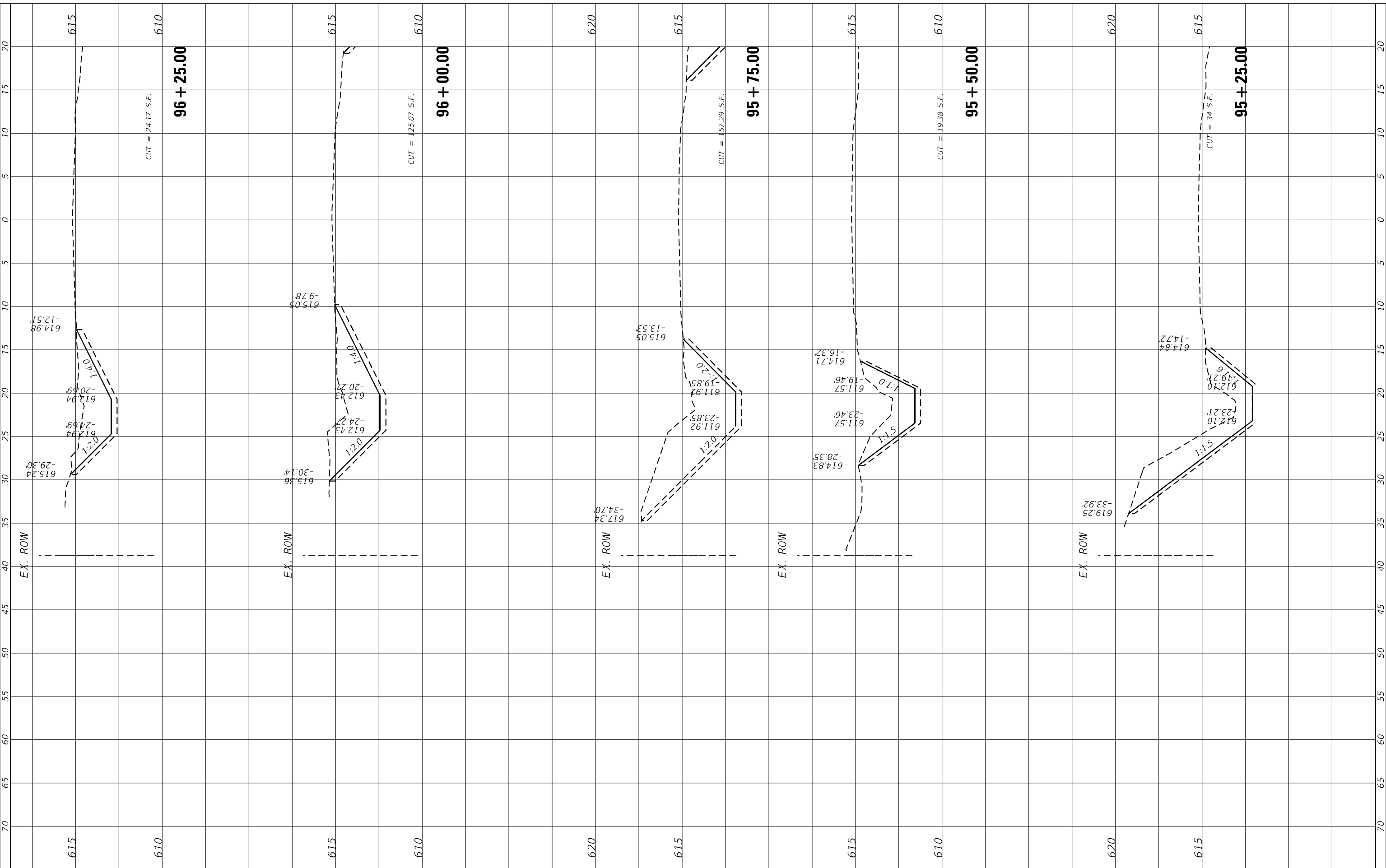
**SITES #2 107TH STREET
CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	87
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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 DATE -

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #2 107TH STREET
 CROSS SECTIONS

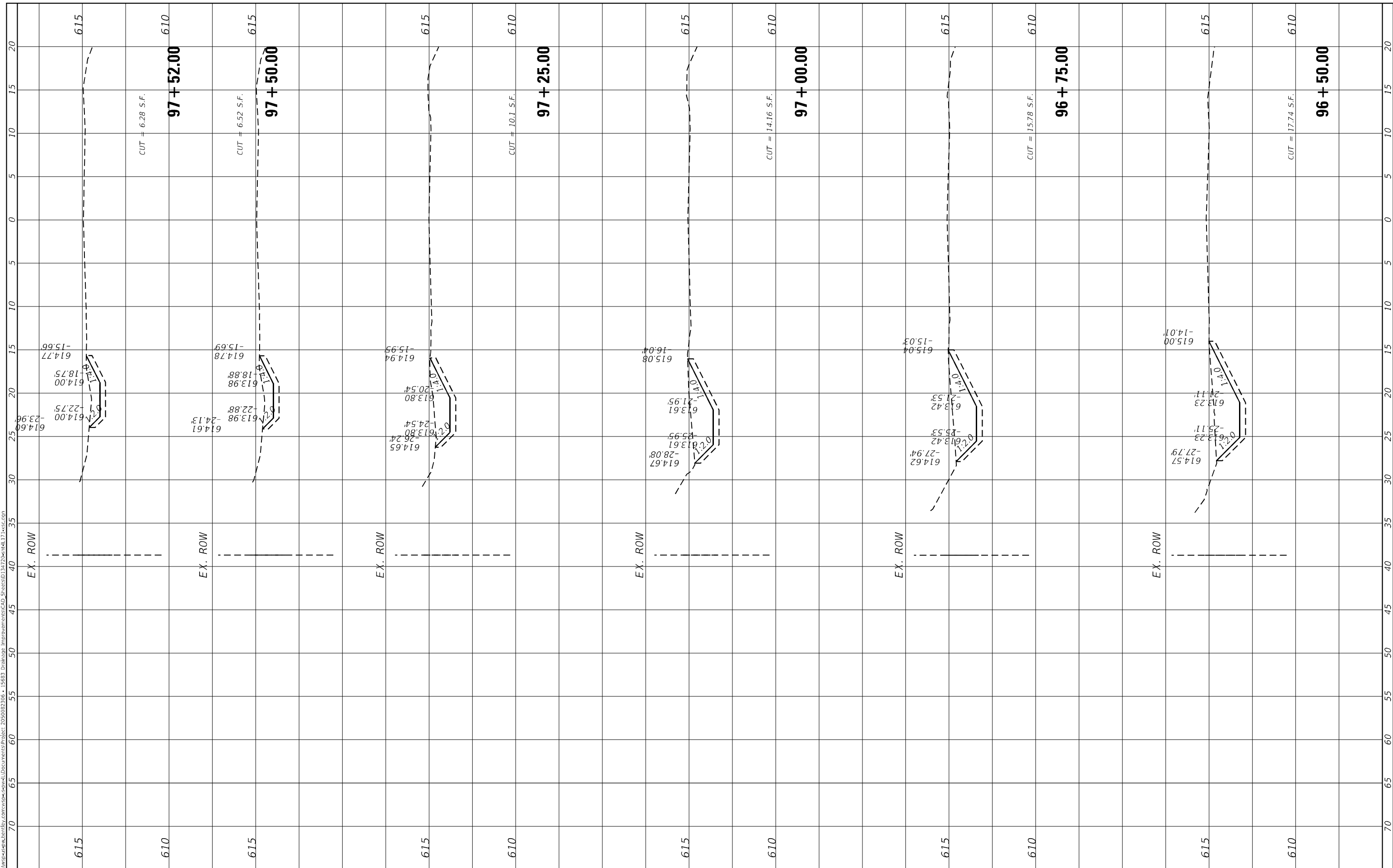
SCALE: H: 1" = 10'
 V: 1" = 5'
 SHEET 5 OF 6 SHEETS STA. 95+25.00 TO STA. 96+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	88
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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CHECKED -
PLOT DATE = 12/5/2025
DATE -

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REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITES #2 107TH STREET
CROSS SECTIONS**

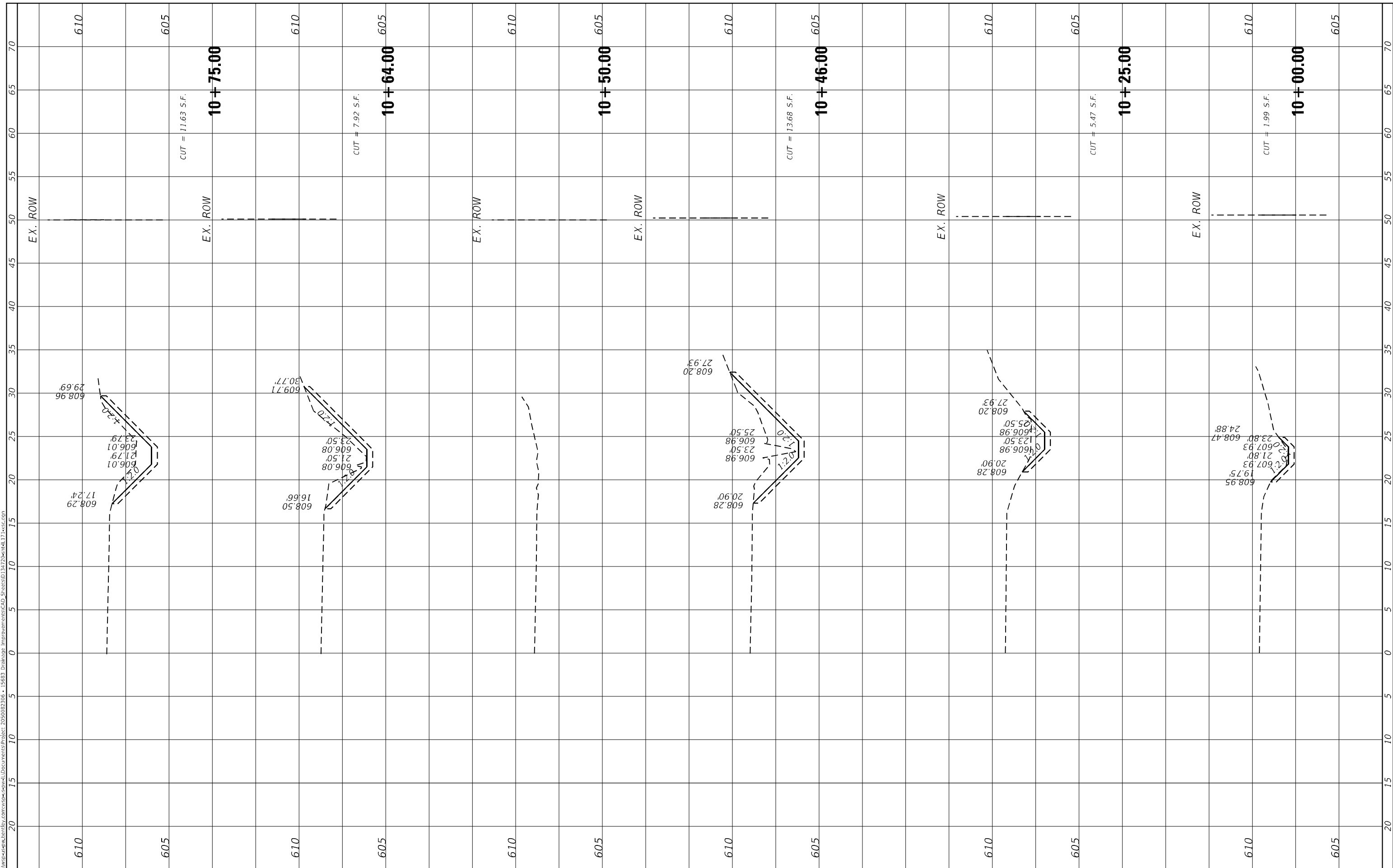
SCALE: H: 1"=10'
V: 1"=4'
SHEET 6 OF 6 SHEETS
STA. 96+50.00 TO STA. 97+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	89
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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PLOT DATE = 12/5/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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REVISED -
REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1"=100' V: 1"=40'
SHEET 1 OF 6 SHEETS
STA. 10+00.00 TO STA. 10+75.00

**SITES #3 IL RTE 171
 CROSS SECTIONS**

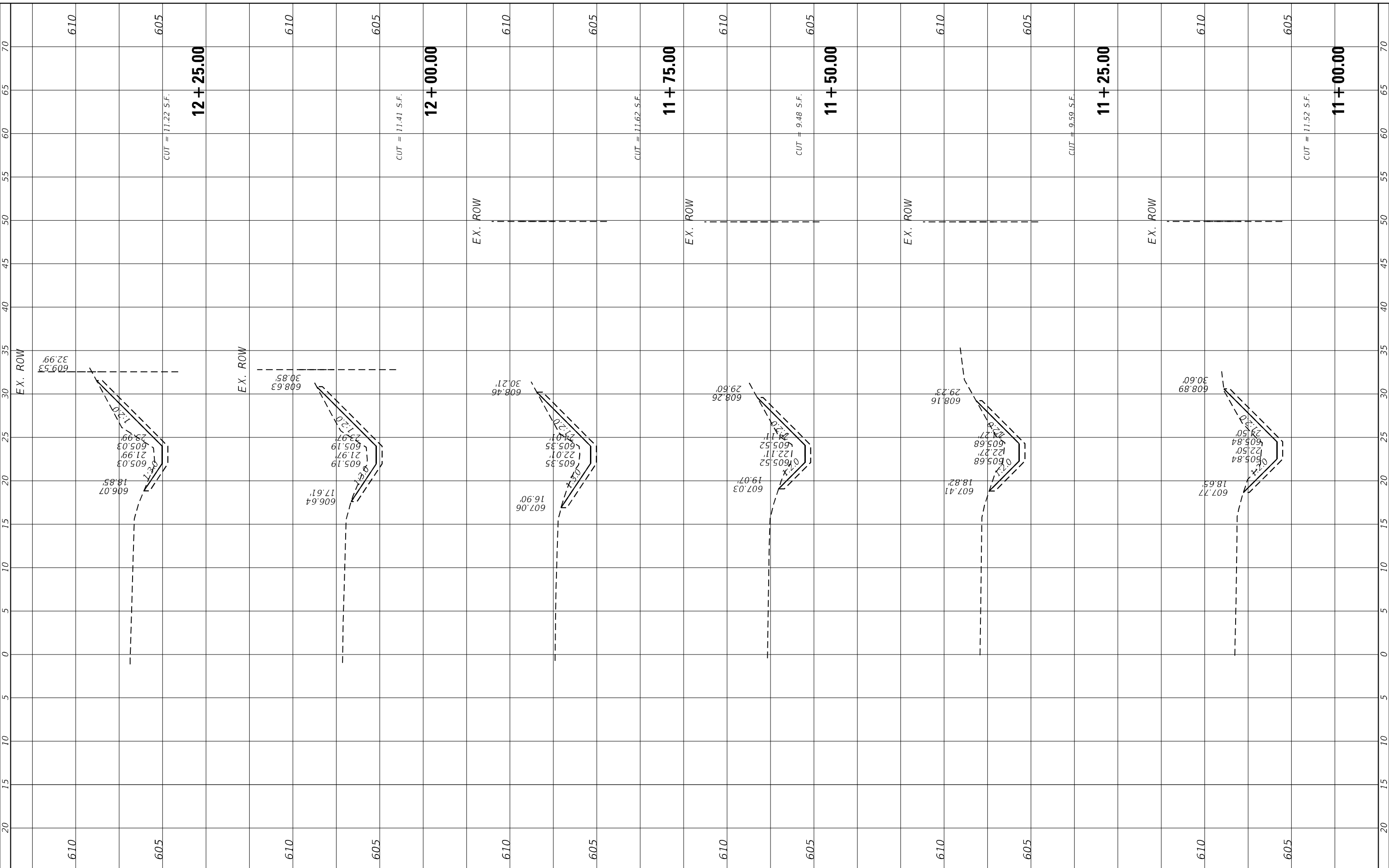
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VAR	2023 VAR DRAINAGE	VARIOUS	136	90
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

MODEL: Default

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

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



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CHECKED -
PLOT DATE = 12/5/2025
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #3 IL RTE 171
CROSS SECTIONS

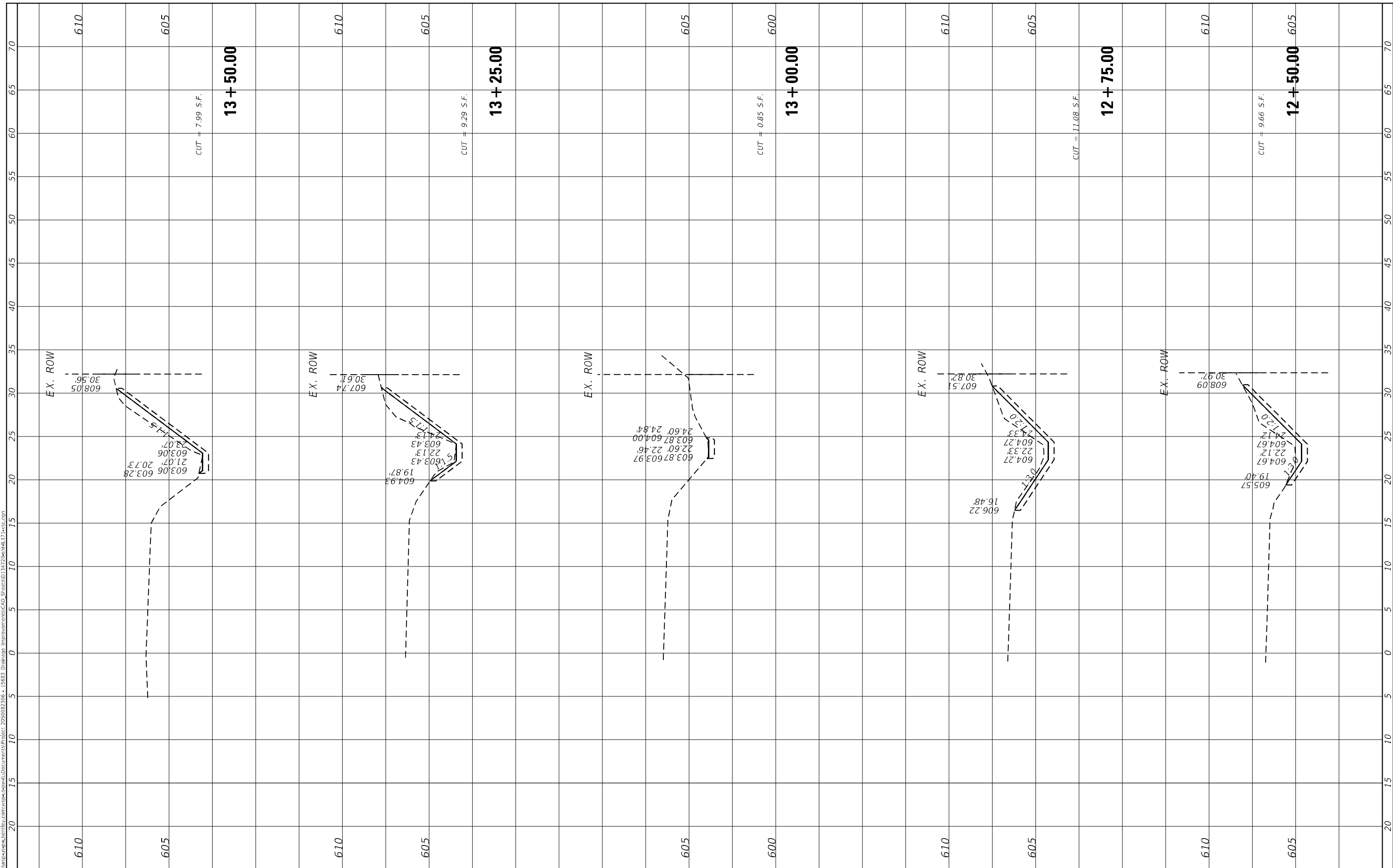
SCALE: $\frac{H}{V} = \frac{1''}{40'}$ SHEET 2 OF 6 SHEETS STA. 11+00.00 TO STA. 12+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	91
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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DATE = 12/5/2025

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REVISOR
REVISION
DATE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITES #3 IL RTE 171
CROSS SECTIONS**

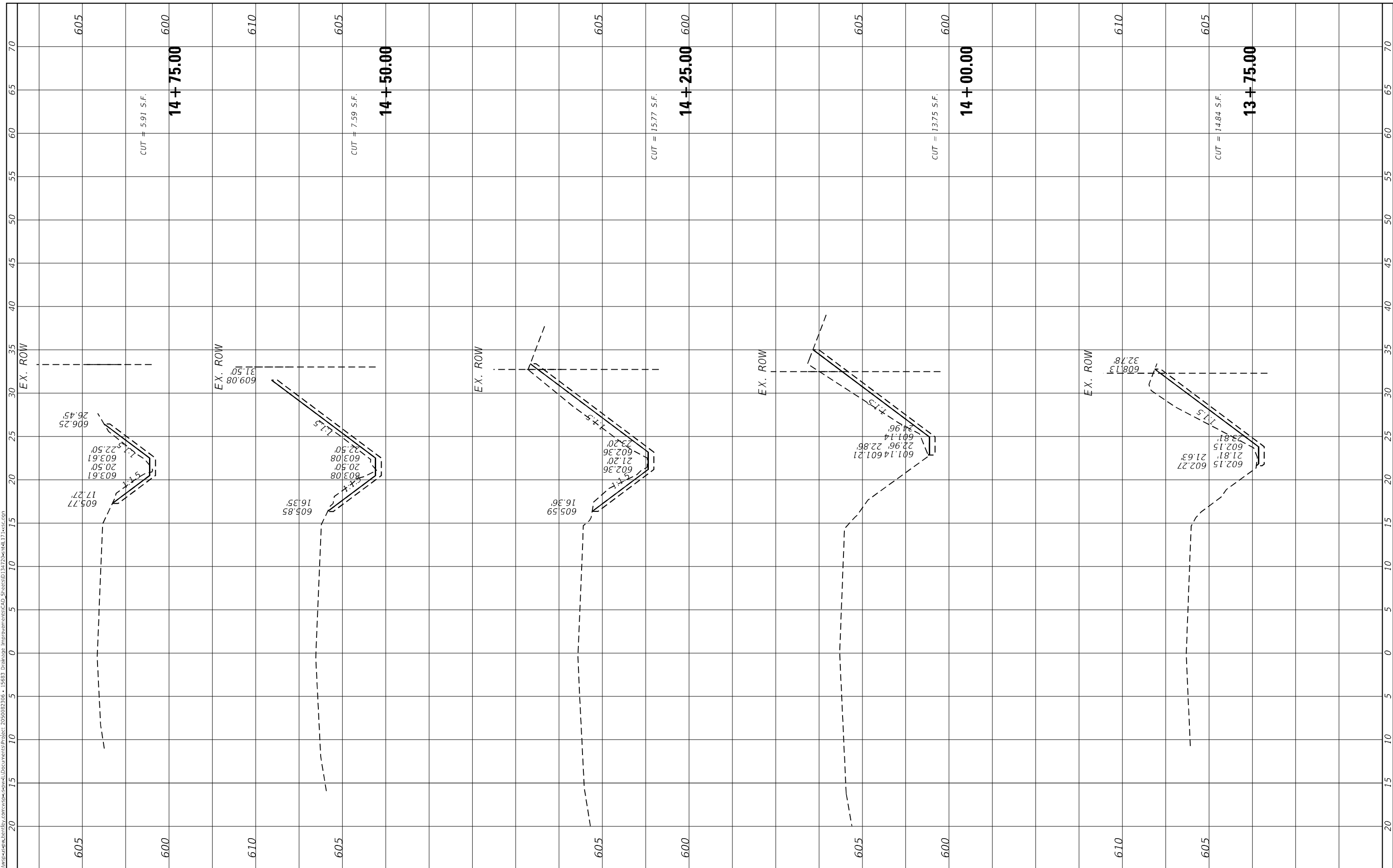
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 3 OF 6 SHEETS STA. 12+50.00 TO STA. 13+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	92
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	BY	DATE

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REVISOR -	REVISION -
REVISOR -	REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #3 IL RTE 171
CROSS SECTIONS

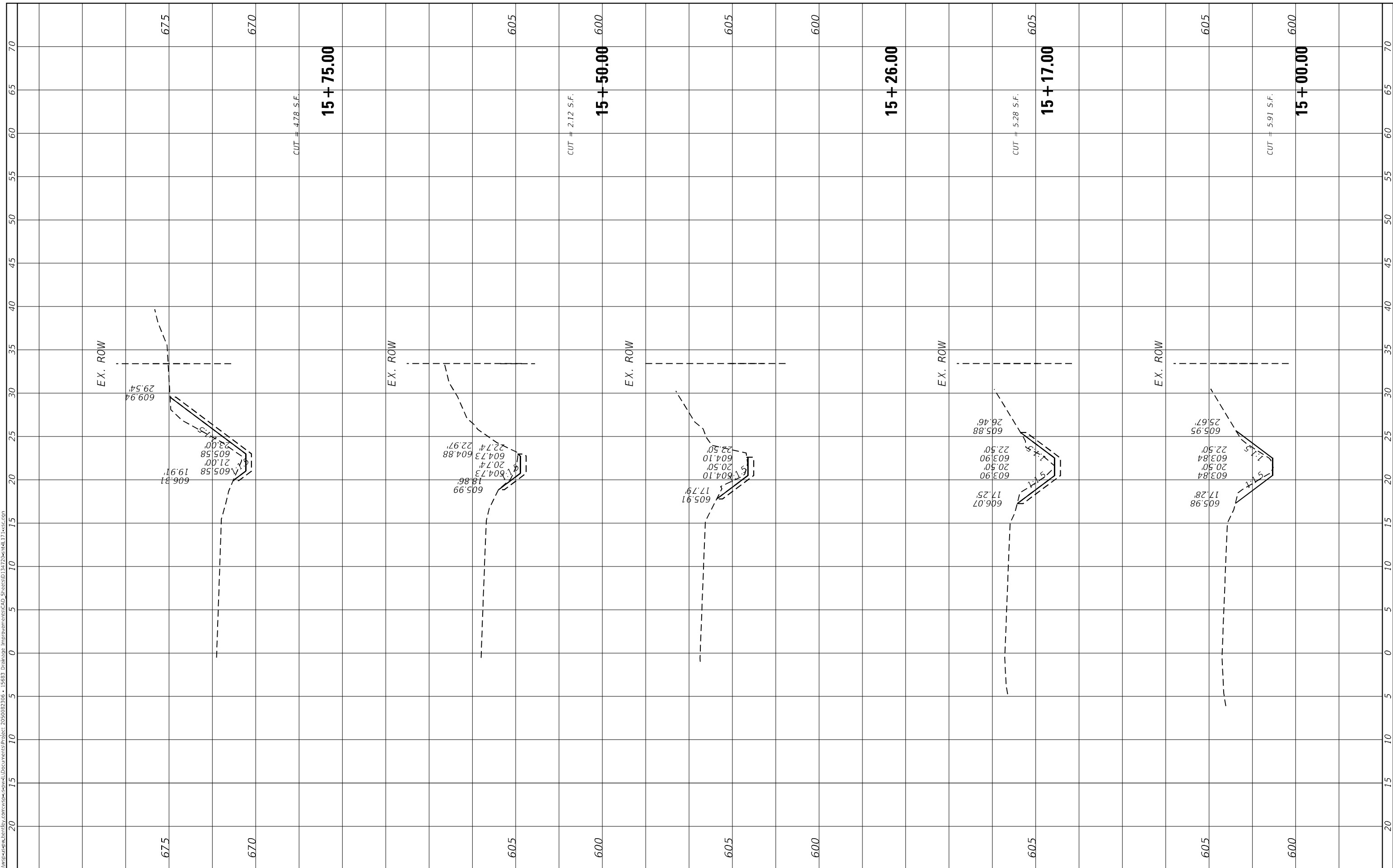
SCALE: H: 1"=10'
V: 1"=40'
SHEET 4 OF 6 SHEETS STA. 13+75.00 TO STA. 14+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	93
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = USMM717315	DESIGNED -	REVISED -
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PLOT DATE = 12/5/2025	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

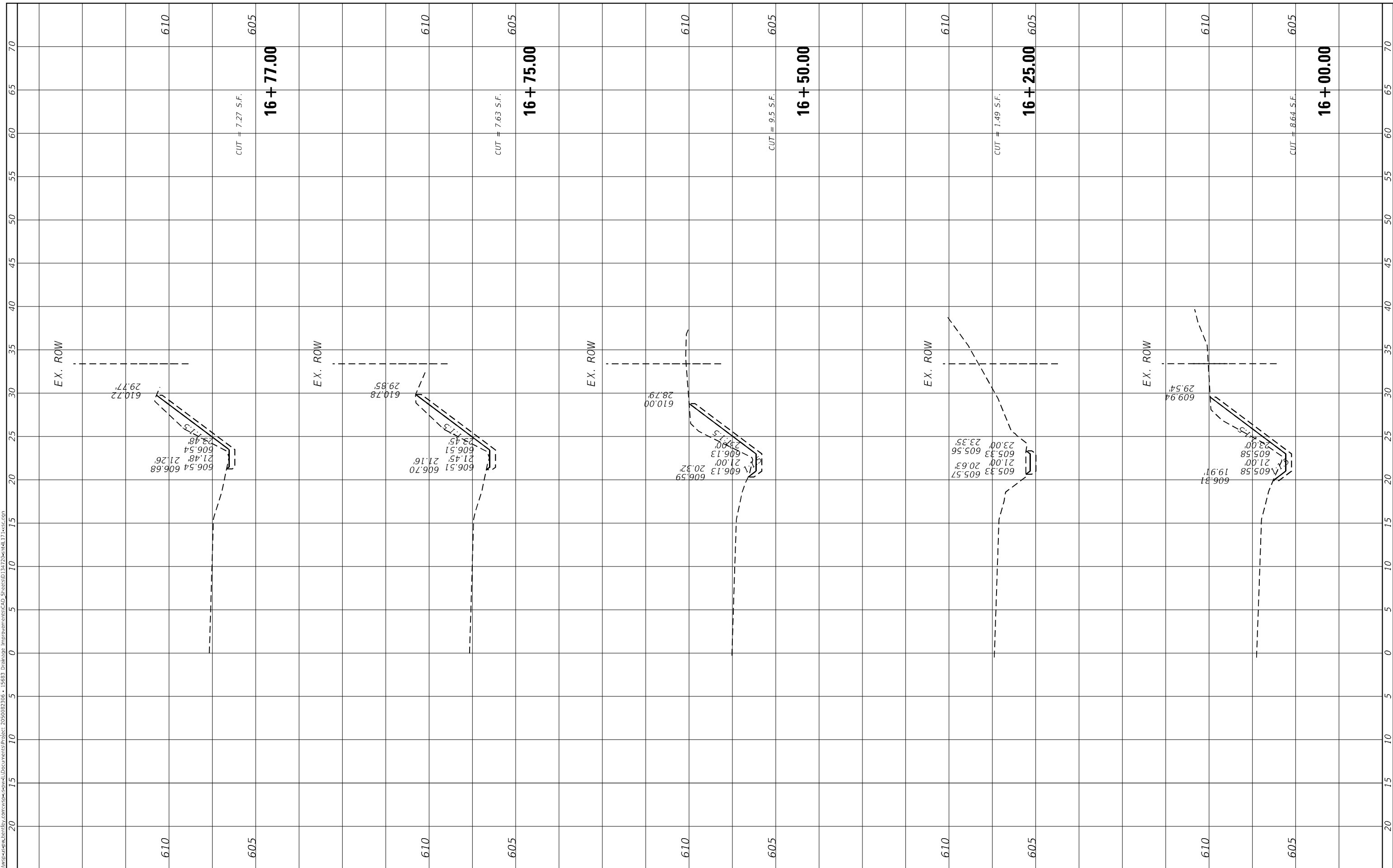
SCALE: H: 1"=100' V: 1"=40'	SHEET 5	OF 6 SHEETS	STA. 15+00.00	TO STA. 15+75.00
	SITES #3 IL RTE 171 CROSS SECTIONS			

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	94
			CONTRACT NO. 62V08	
			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

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USER NAME = USMM717315	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

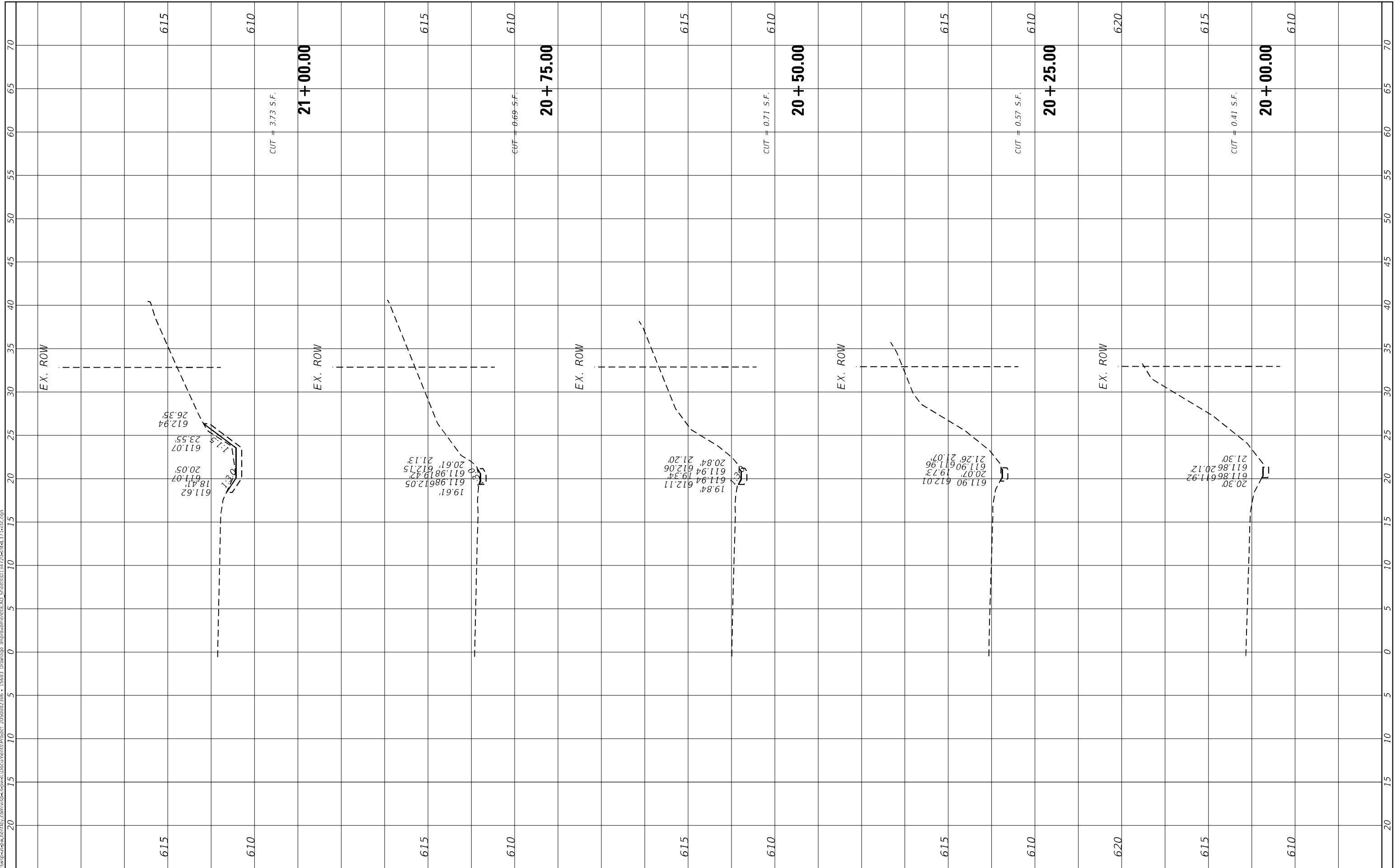
SITES #3 IL RTE 171 CROSS SECTIONS	
SCALE: H: 1"=10' V: 1"=5'	SHEET 6 OF 6 SHEETS
STA. 16+00.00	TO STA. 16+77.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	95
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = USMM717315
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PLOT DATE = 12/5/2025

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DATE -

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #4 IL RTE 171
 CROSS SECTIONS

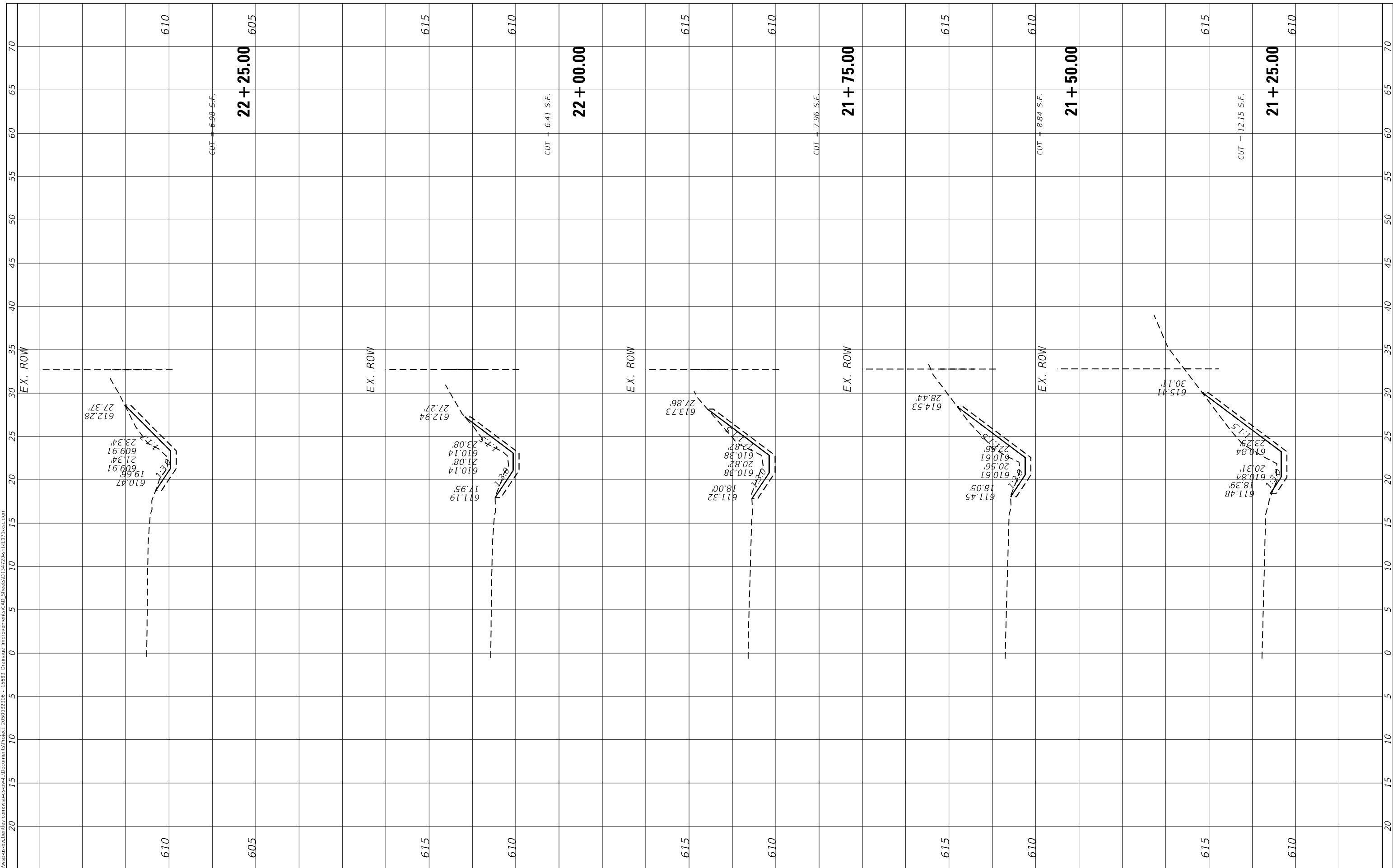
SCALE: H: 1" = 10'
 V: 1" = 4'
 SHEET 1 OF 7 SHEETS STA. 20+00.00 TO STA. 21+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	96
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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 PLOT DATE = 12/5/2025

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

STATE OF ILLINOIS
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SITES #4 IL RTE 171
 CROSS SECTIONS

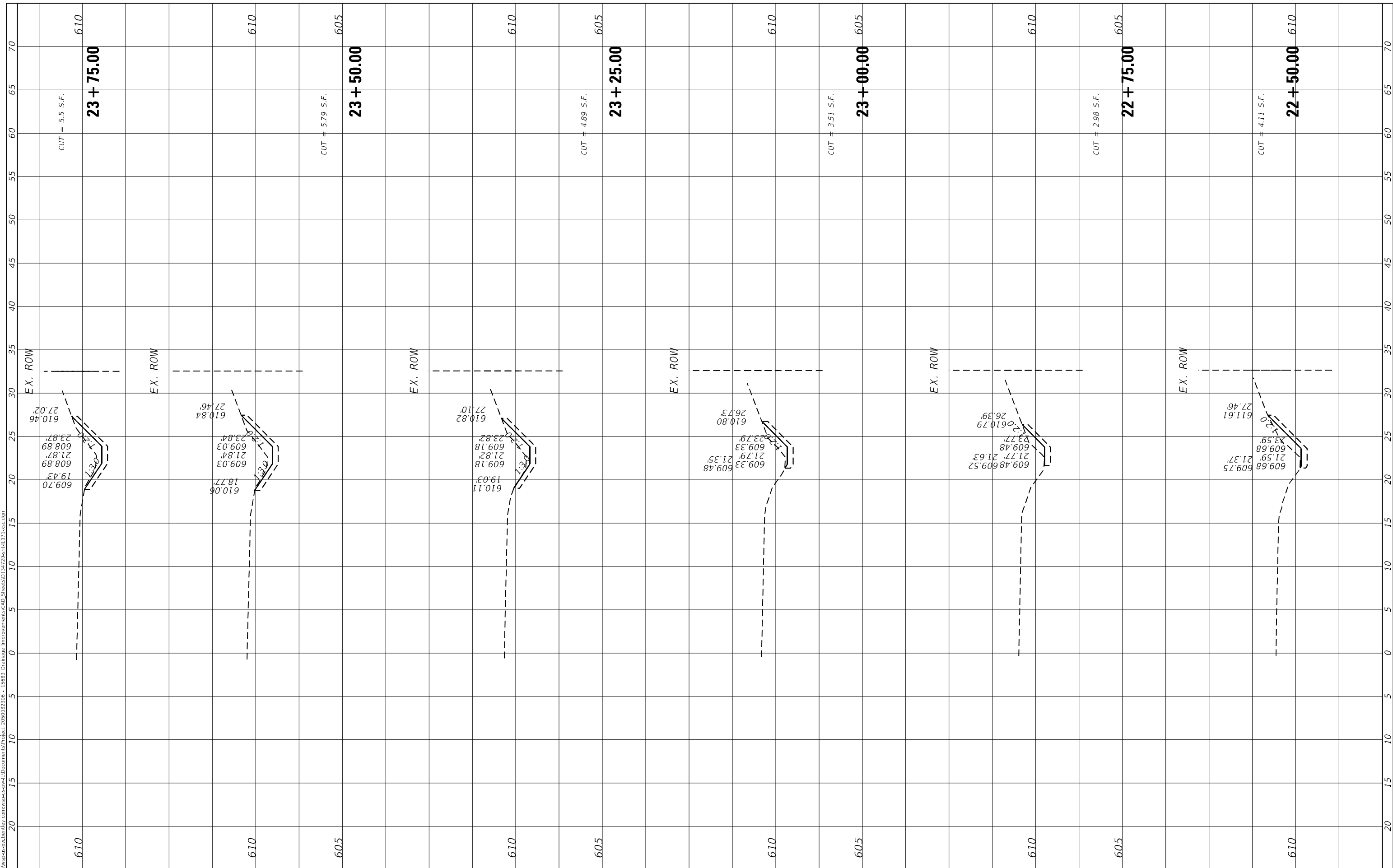
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 2 OF 7 SHEETS STA. 21+25.00 TO STA. 22+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	97
			CONTRACT NO. 62V08	
		ILLINOIS	FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	BY	DATE

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USER NAME = USMM717315
 PLOT SCALE = 10.0000 * / in.
 PLOT DATE = 12/5/2025

DESIGNED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #4 IL RTE 171
 CROSS SECTIONS

SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 3 OF 7 SHEETS STA. 22+50.00 TO STA. 23+75.00

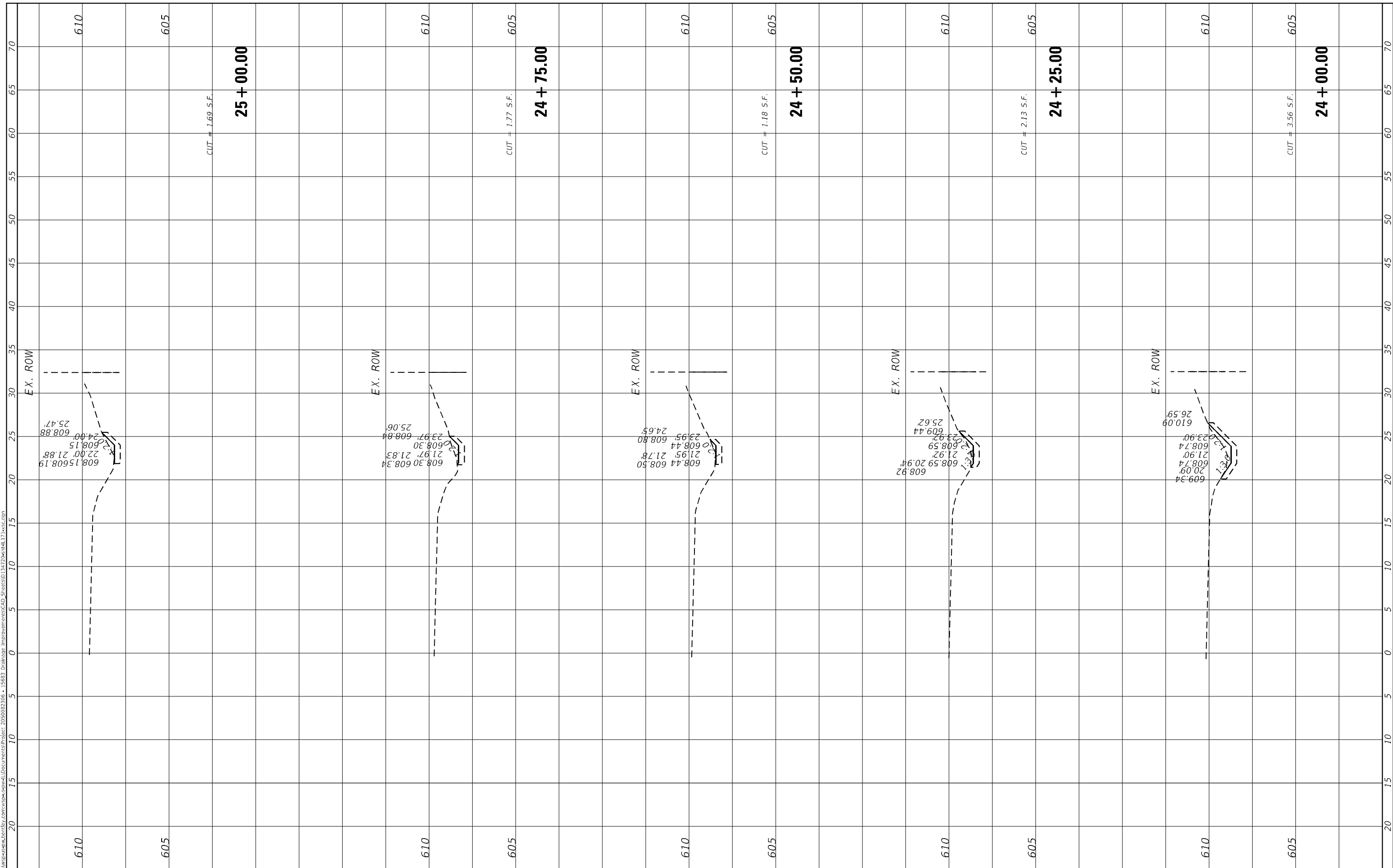
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	98
CONTRACT NO. 62V08				

ILLINOIS FED. AID PROJECT

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

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

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PLOT DATE = 12/5/2025	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #4 IL RTE 171
 CROSS SECTIONS**

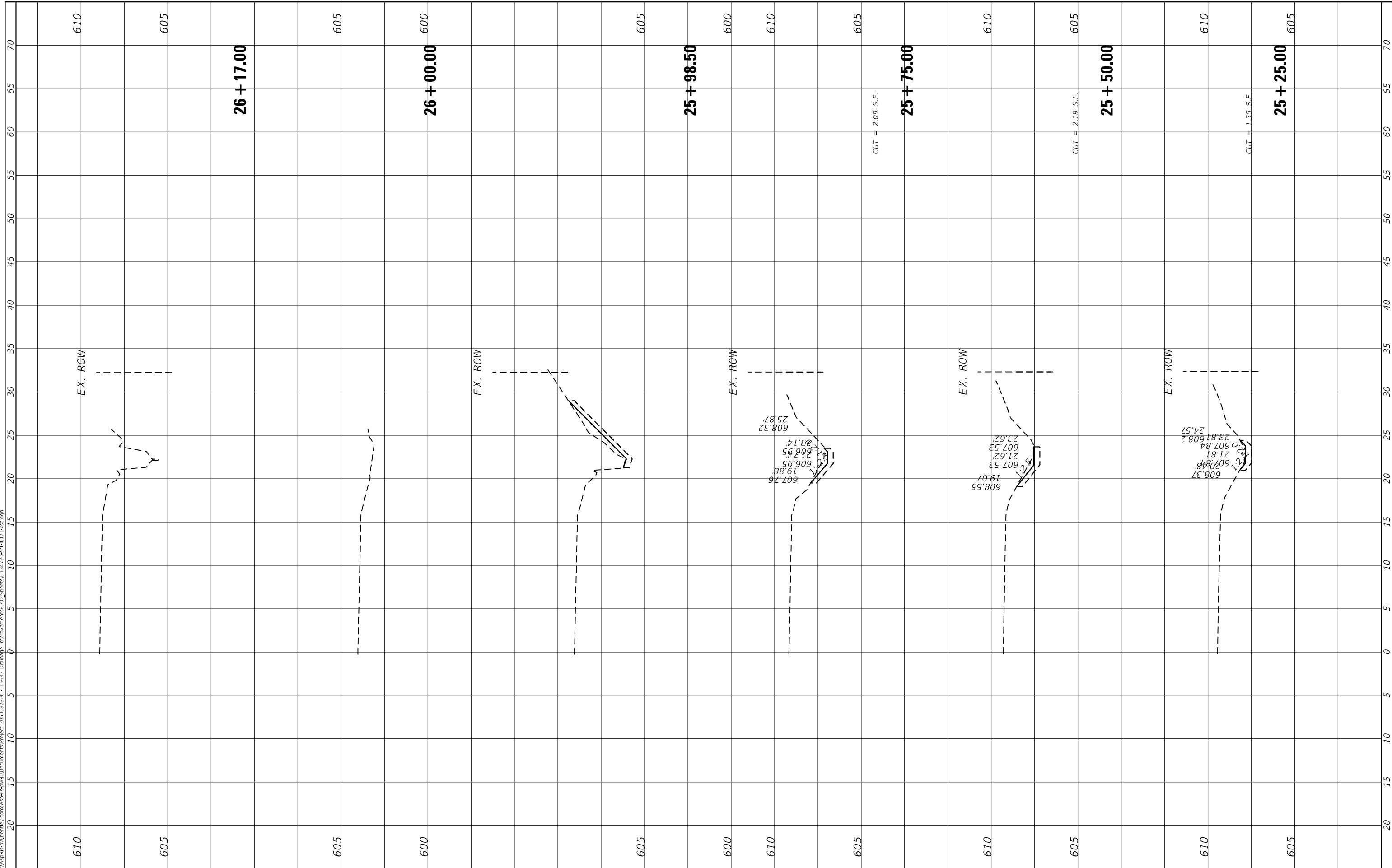
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 4 OF 7 SHEETS STA. 24+00.00 TO STA. 25+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	99
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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PROJECT: 255002306 - I5683 Drainage ImprovementsCAD StreetsD34722bell171.rvt
DATE: 12/5/2025



USER NAME = USMM717315
PLOT SCALE = 10,0000 * / in.
PLOT DATE = 12/5/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #4 IL RTE 171
CROSS SECTIONS

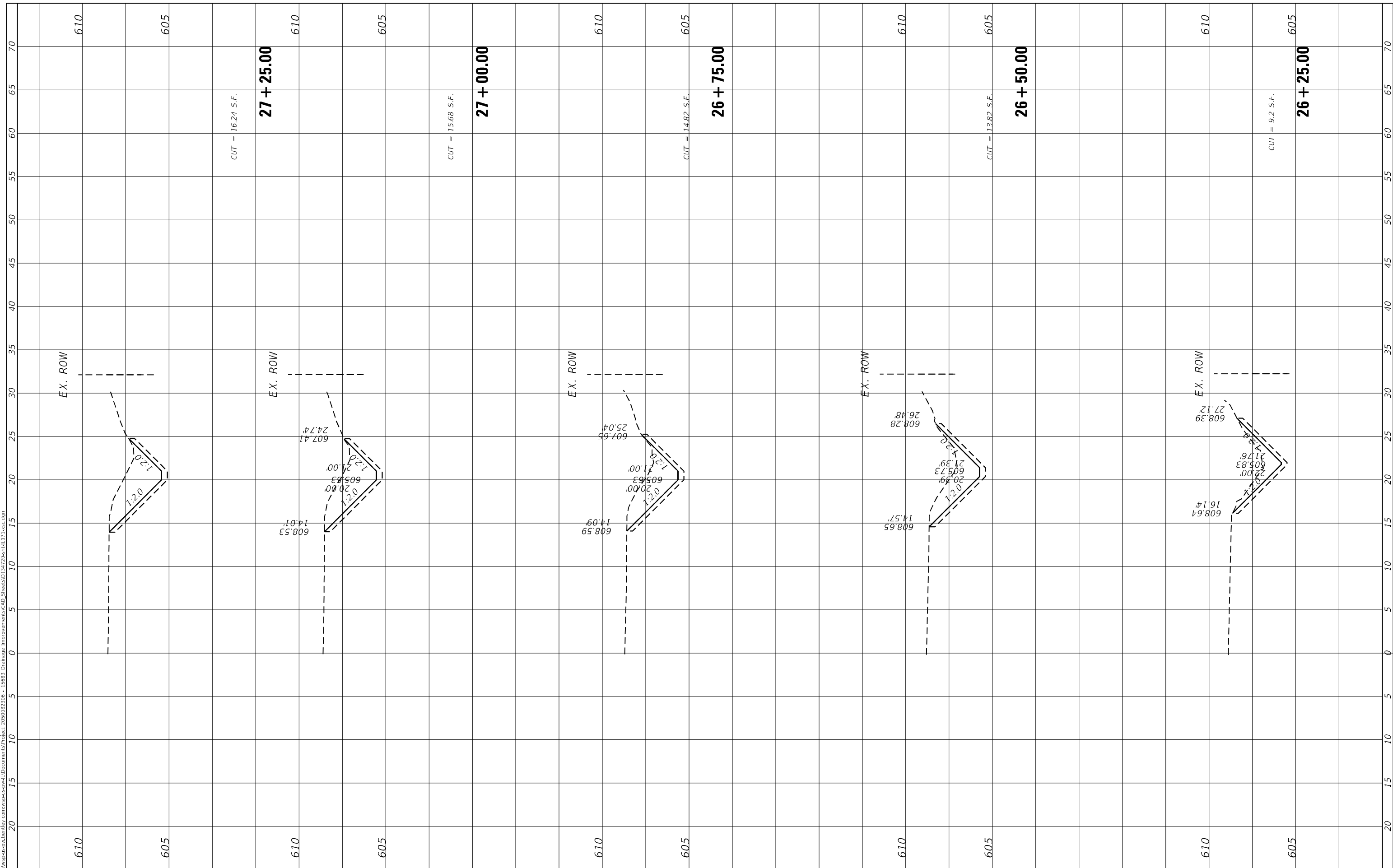
SCALE: H: 1"=10'
V: 1"=5'
SHEET 5 OF 7 SHEETS
STA. 25+25.00 TO STA. 26+17.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	100
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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 PLOT SCALE = 10.0000" / in.
 PLOT DATE = 12/5/2025

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #4 IL RTE 171
 CROSS SECTIONS

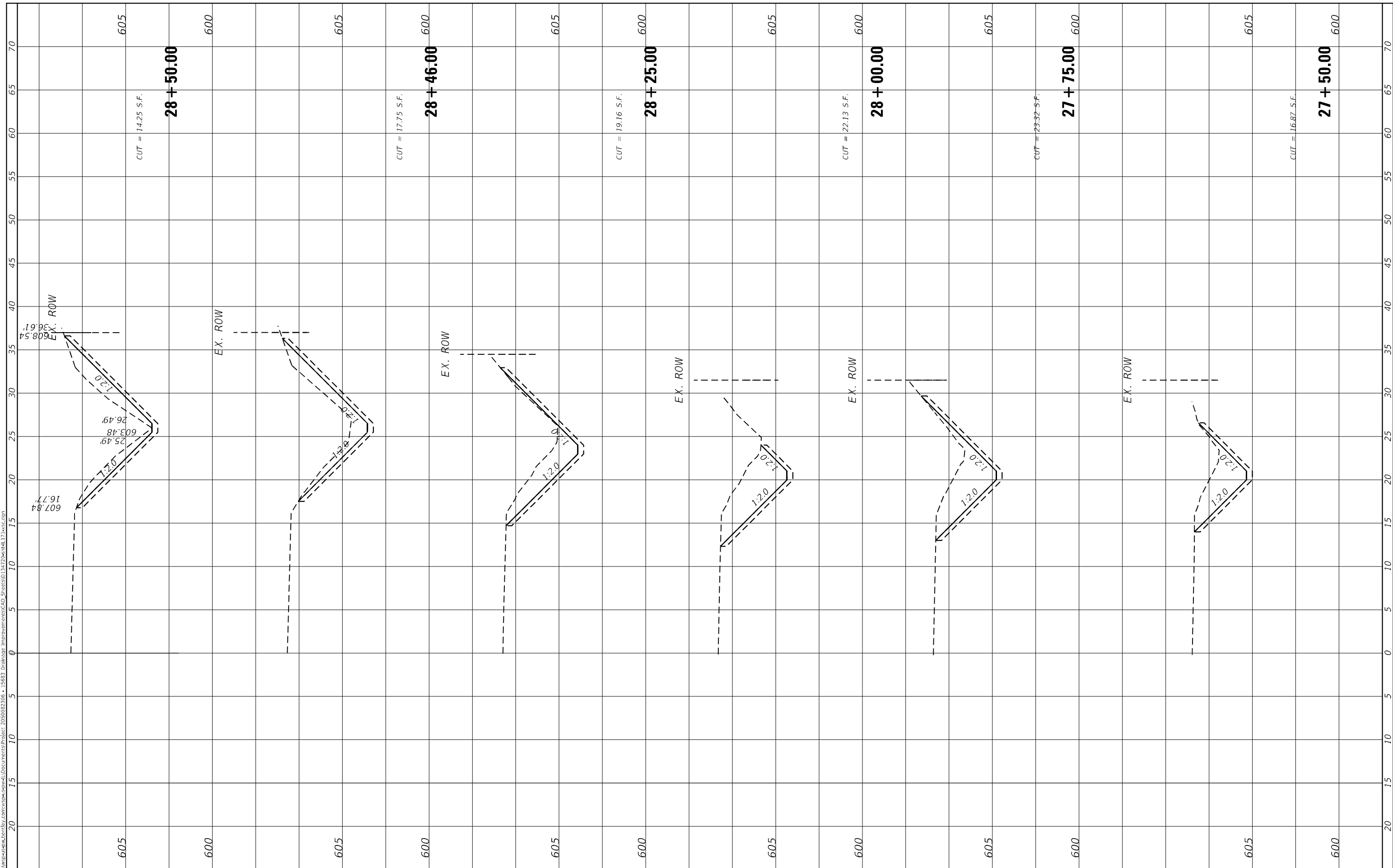
SCALE: H: 1"=100'
 V: 1"=50'
 SHEET 6 OF 7 SHEETS STA. 26+25.00 TO STA. 27+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	101
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = USMM717315
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PLOT SCALE = 10.0000' / in.
CHECKED -
DATE = 12/5/2025

REVISOR -
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REVISOR -
REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #4 IL RTE 171
 CROSS SECTIONS

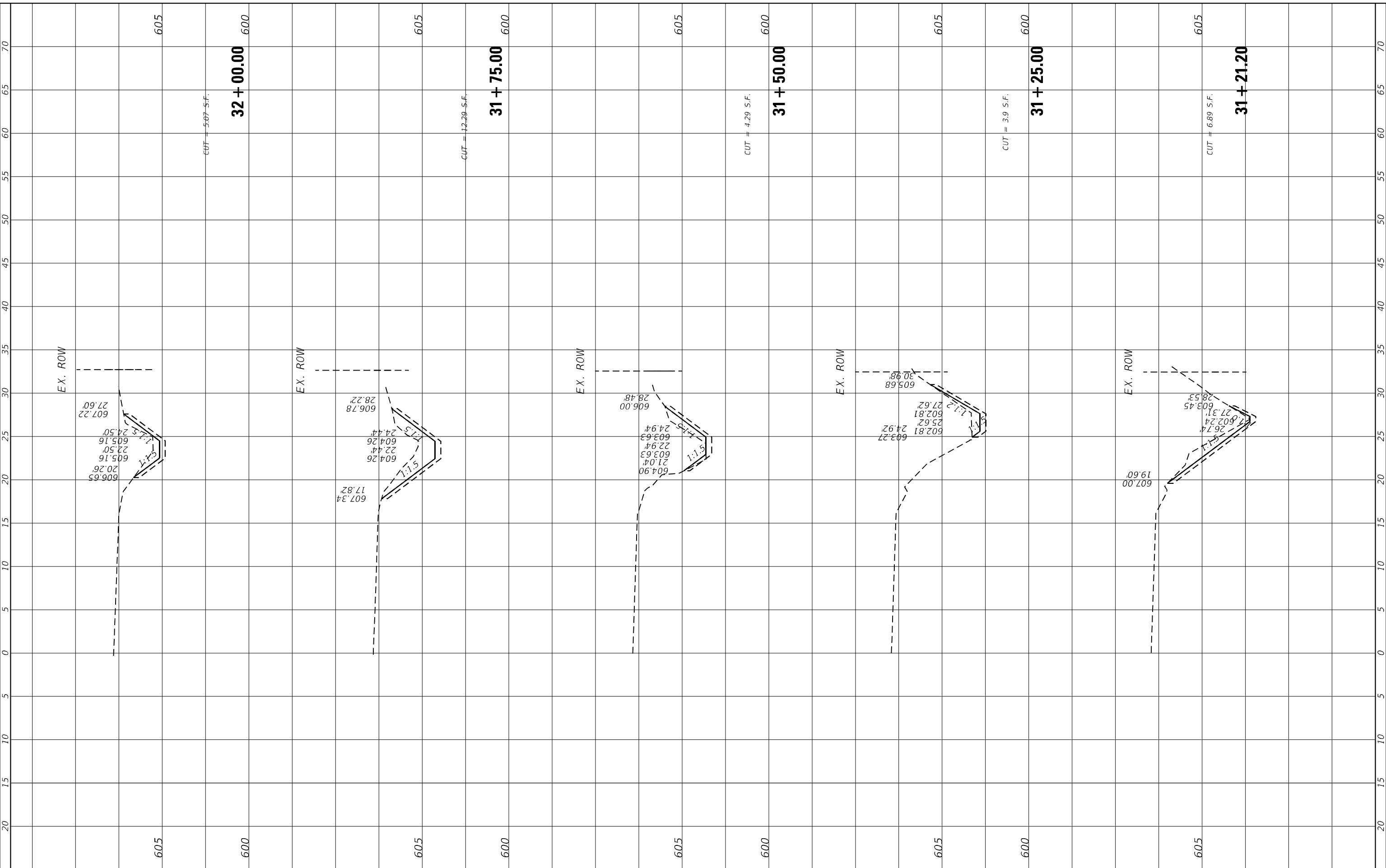
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 7 OF 7 SHEETS STA. 27+50.00 TO STA. 28+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	102
			CONTRACT NO. 62V08	
			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME = USMM717315
PLOT SCALE = 10.0000" * / in.
PLOT DATE = 12/5/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #5 IL RTE 171
 CROSS SECTIONS**

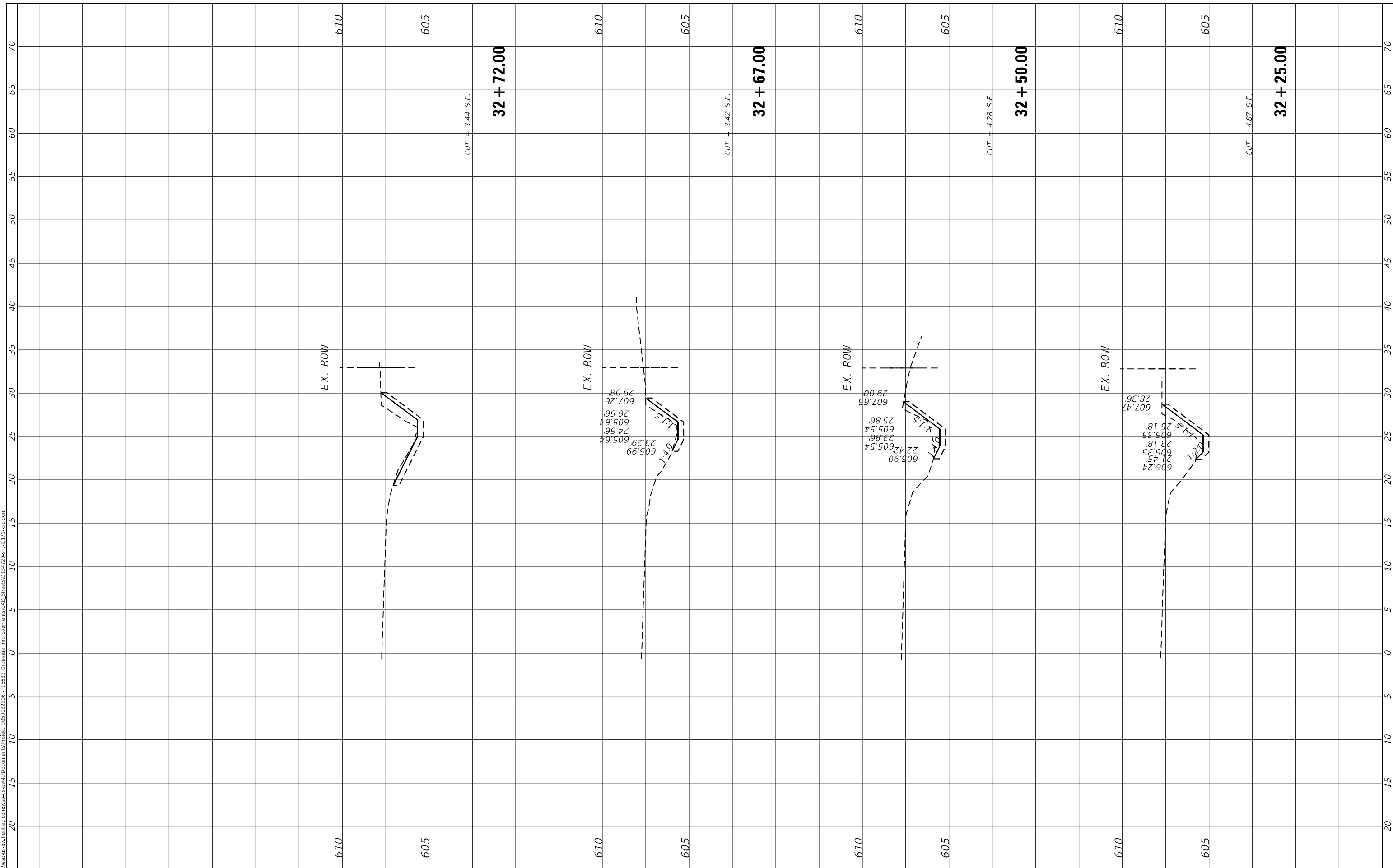
SCALE: H: 1"=40' V: 1"=5' SHEET 1 OF 2 SHEETS STA. 31+21.20 TO STA. 32+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	103
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	BY	DATE
NOTE BOOK		
AREAS CHECKED		

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PROJECT: 205002306 - I5683 Drainage Improvements CAD Sheets\03472022entire\171.dwg



USER NAME = USMM717315	DESIGNED -	REVISOR -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISOR -
PLOT DATE = 12/5/2025	CHECKED -	REVISOR -
	DATE -	REVISOR -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SITES #5 IL RTE 171 CROSS SECTIONS

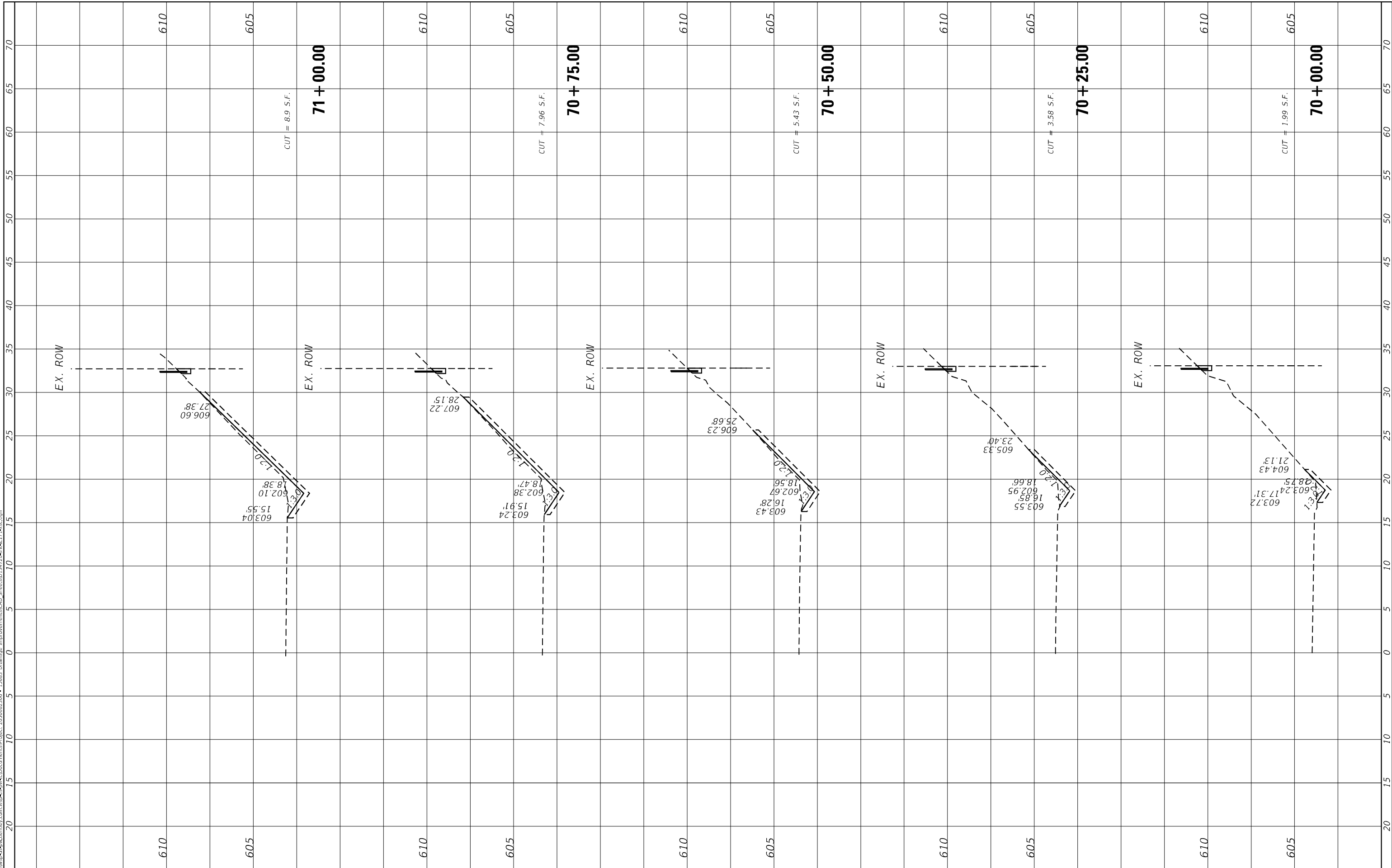
SCALE: H: 1"=100'	SHEET 2	OF 2	SHEETS	STA. 32+25.00	TO STA. 32+72.00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	104
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = USMM717315
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PLOT SCALE = 10.0000 * / in.
PLotted DATE = 12/5/2025

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REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #8 IL RTE 171
 CROSS SECTIONS**

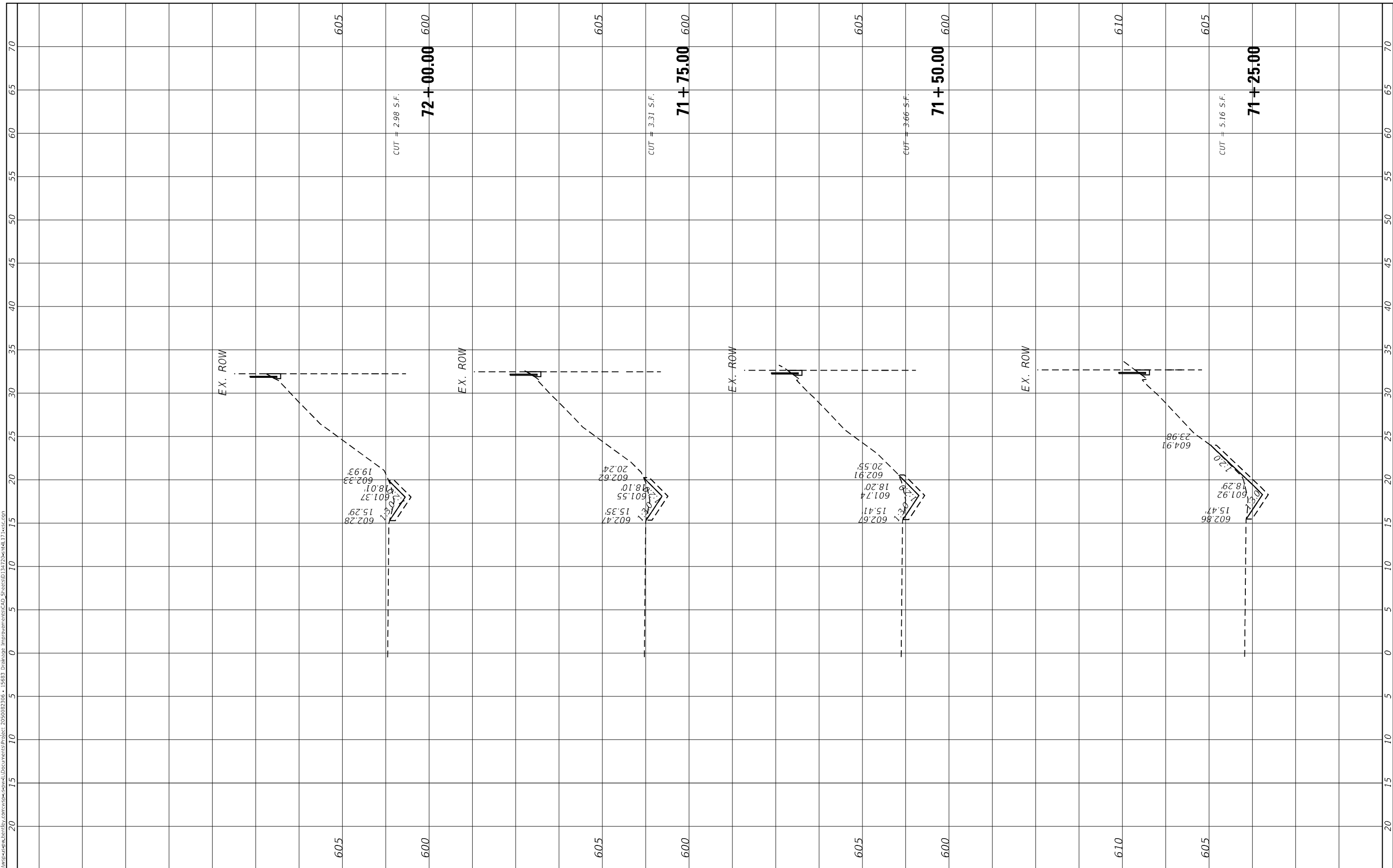
SCALE: $\frac{1"}{40'}$ SHEET 1 OF 8 SHEETS STA. 70+00.00 TO STA. 71+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	105
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT SCALE = 10.0000" = 1'.
PLOT DATE = 12/5/2025

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DATE -

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REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #8 IL RTE 171
 CROSS SECTIONS**

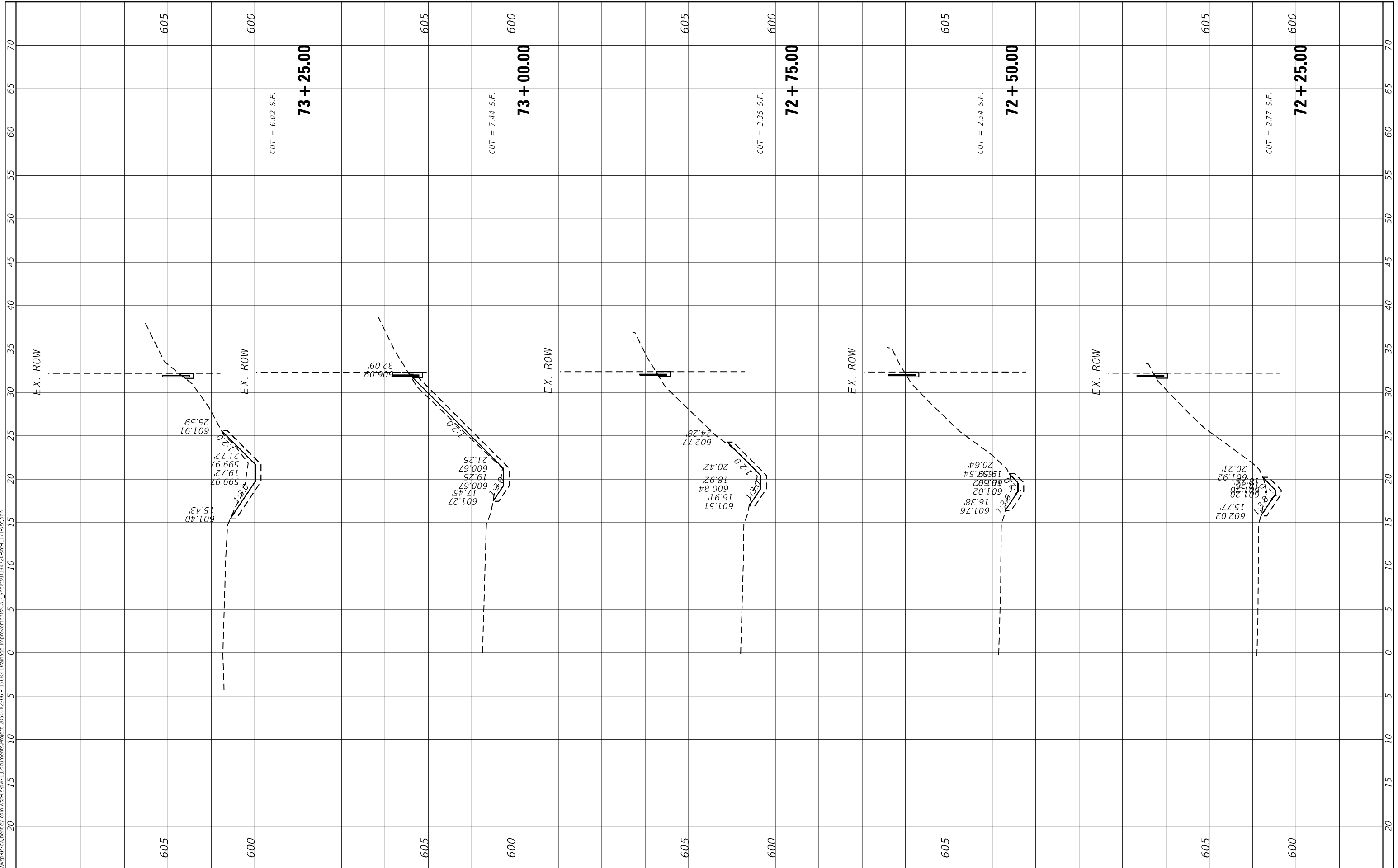
SCALE: H: 1"=40' V: 1"=4' SHEET 2 OF 8 SHEETS STA. 71+25.00 TO STA. 72+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	106
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = USMM717315
PLOT SCALE = 10.0000 * / in.
PLOT DATE = 12/5/2025

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DATE -

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REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #8 IL RTE 171
 CROSS SECTIONS

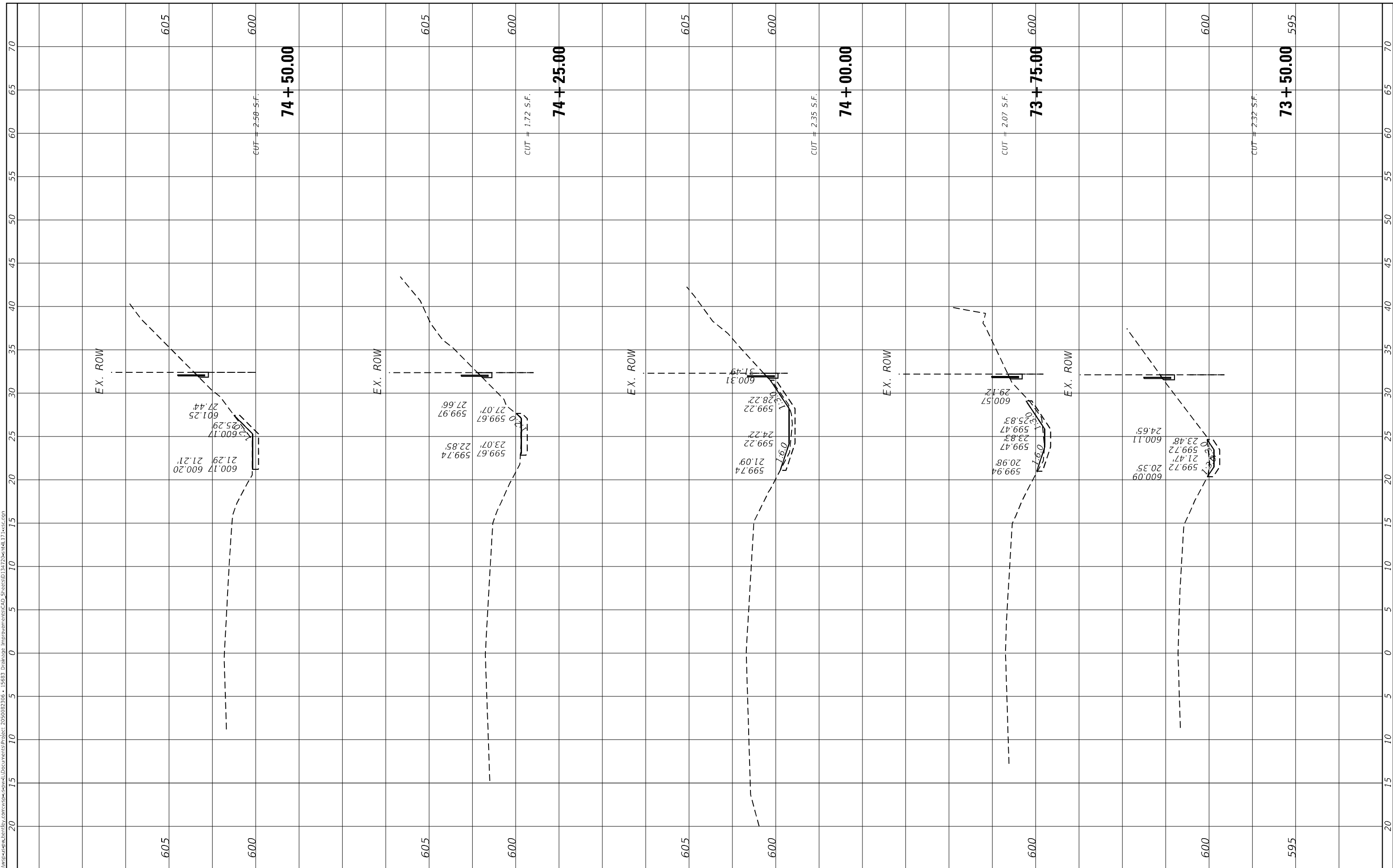
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 3 OF 8 SHEETS STA. 72+25.00 TO STA. 73+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	107
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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 DATE -

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #8 IL RTE 171
 CROSS SECTIONS**

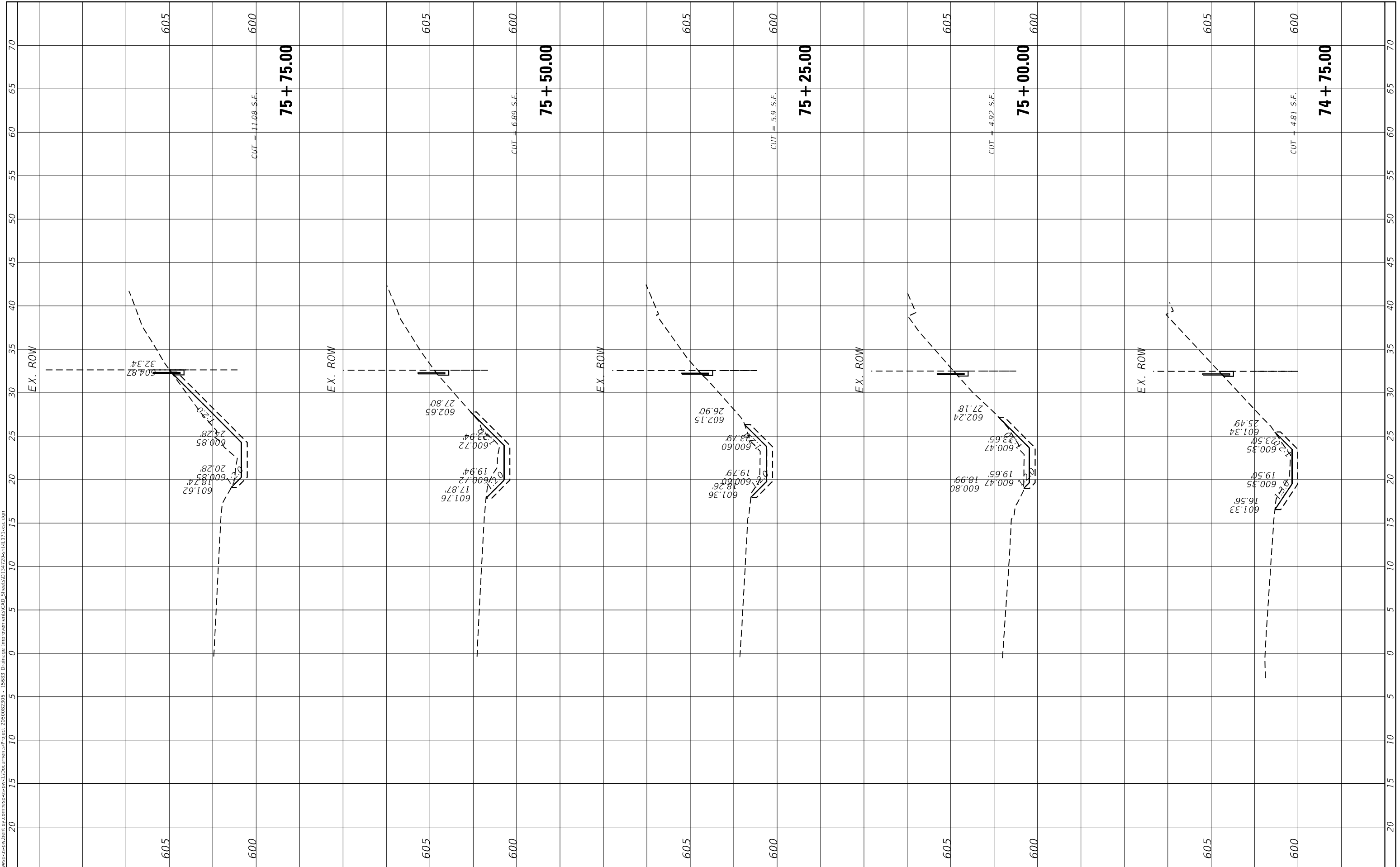
SCALE: $\frac{1"}{40'}$ SHEET 4 OF 8 SHEETS STA. 73+50.00 TO STA. 74+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	108
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

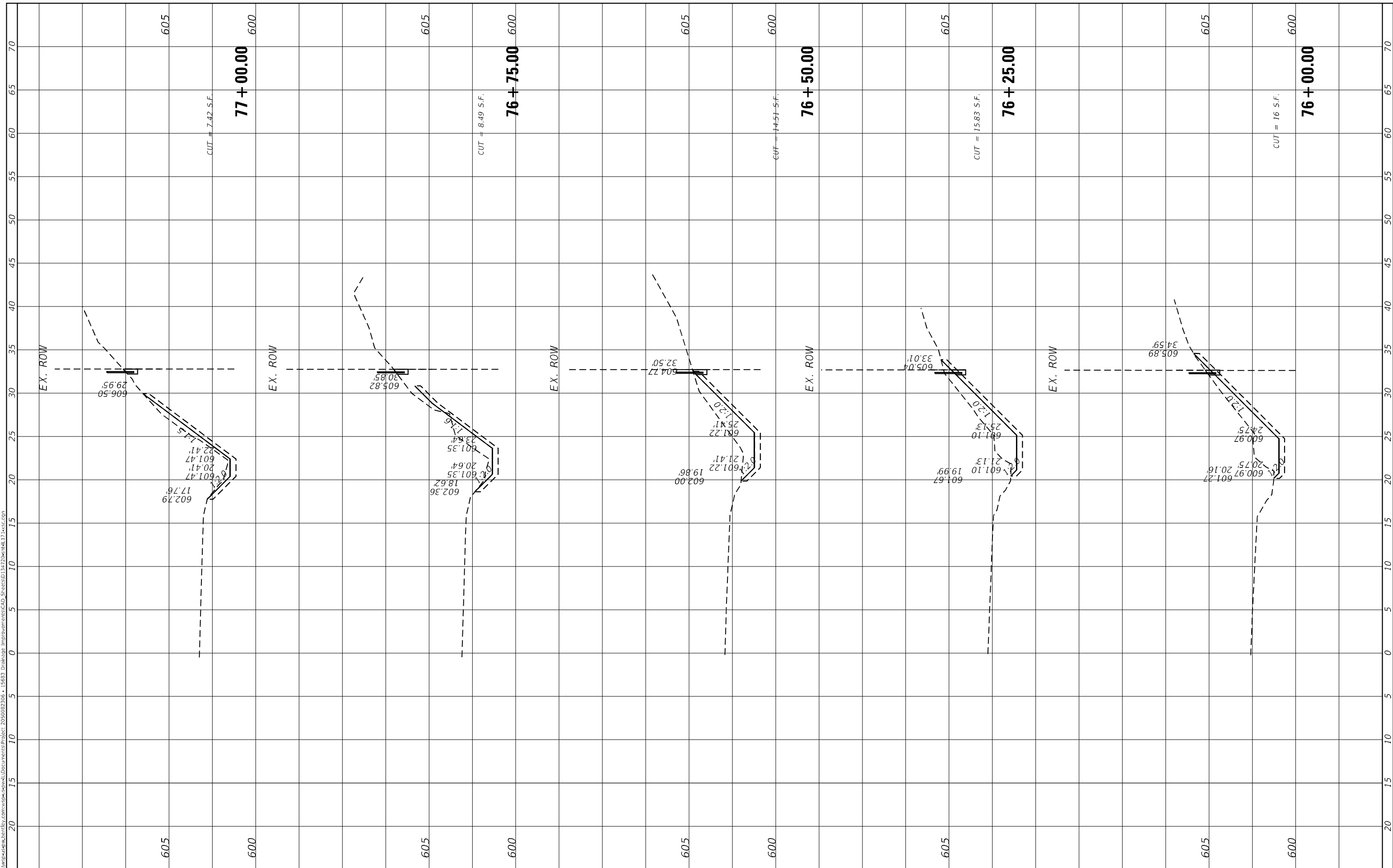
SITES #8 IL RTE 171
CROSS SECTIONS
SCALE: H: 1"=10'
V: 1"=4'
SHEET 5 OF 8 SHEETS STA. 74+75.00 TO STA. 75+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	109
				CONTRACT NO. 62V08
ILLINOIS FED. AID PROJECT				

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

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

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PLOT DATE = 12/5/2025

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITES #8 IL RTE 171
CROSS SECTIONS**

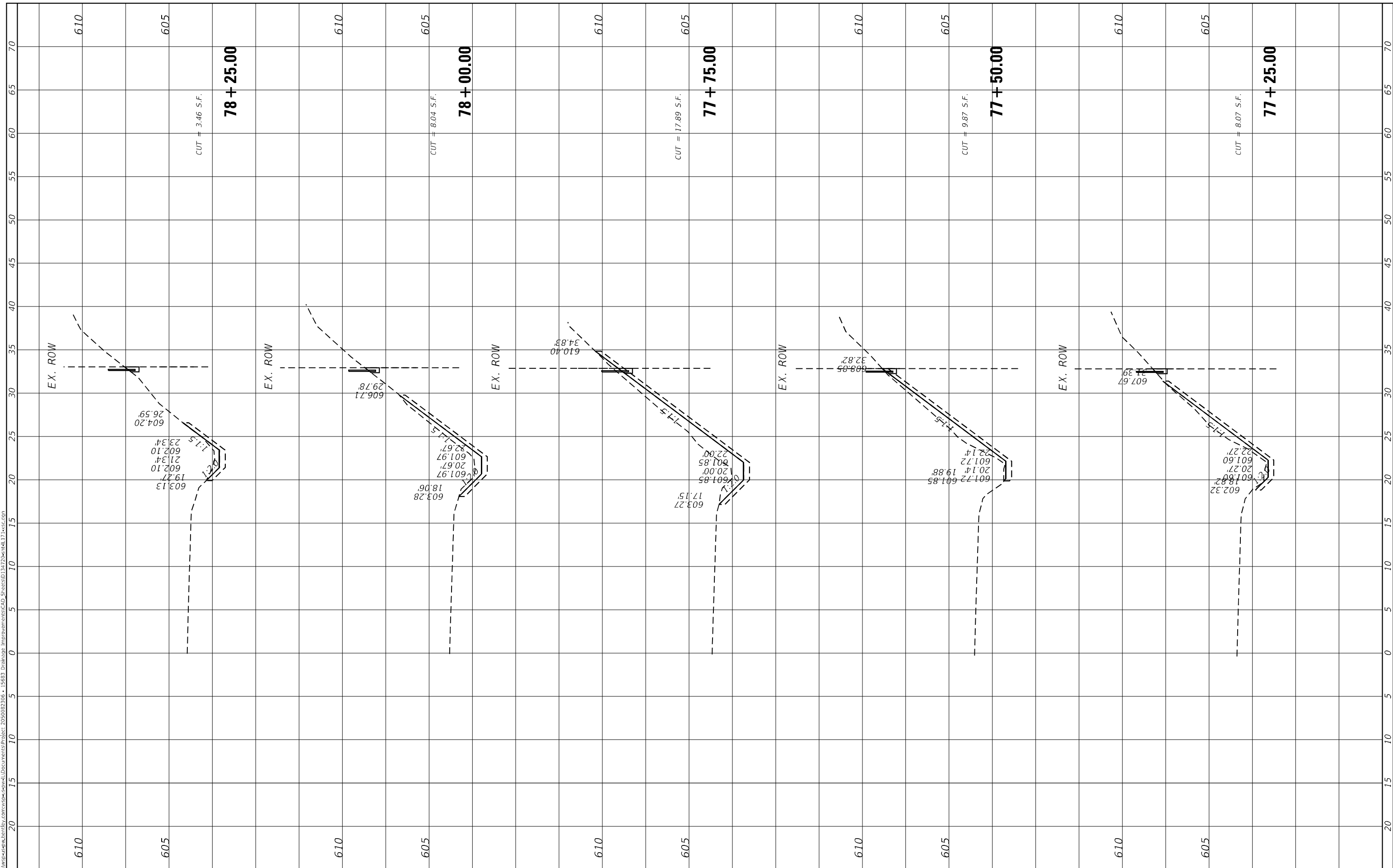
SCALE: $\frac{1"}{40'}$ SHEET 6 OF 8 SHEETS STA. 76+00.00 TO STA. 77+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	110
			CONTRACT NO. 62V08	
ILLINOIS			FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	BY	DATE
NOTE BOOK		
AREAS CHECKED		

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USER NAME = USMM717315
DESIGNED -
DRAWN -
PLOT SCALE = 10.0000" / in.
CHECKED -
DATE = 12/5/2025

REVISIED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITES #8 IL RTE 171
CROSS SECTIONS**

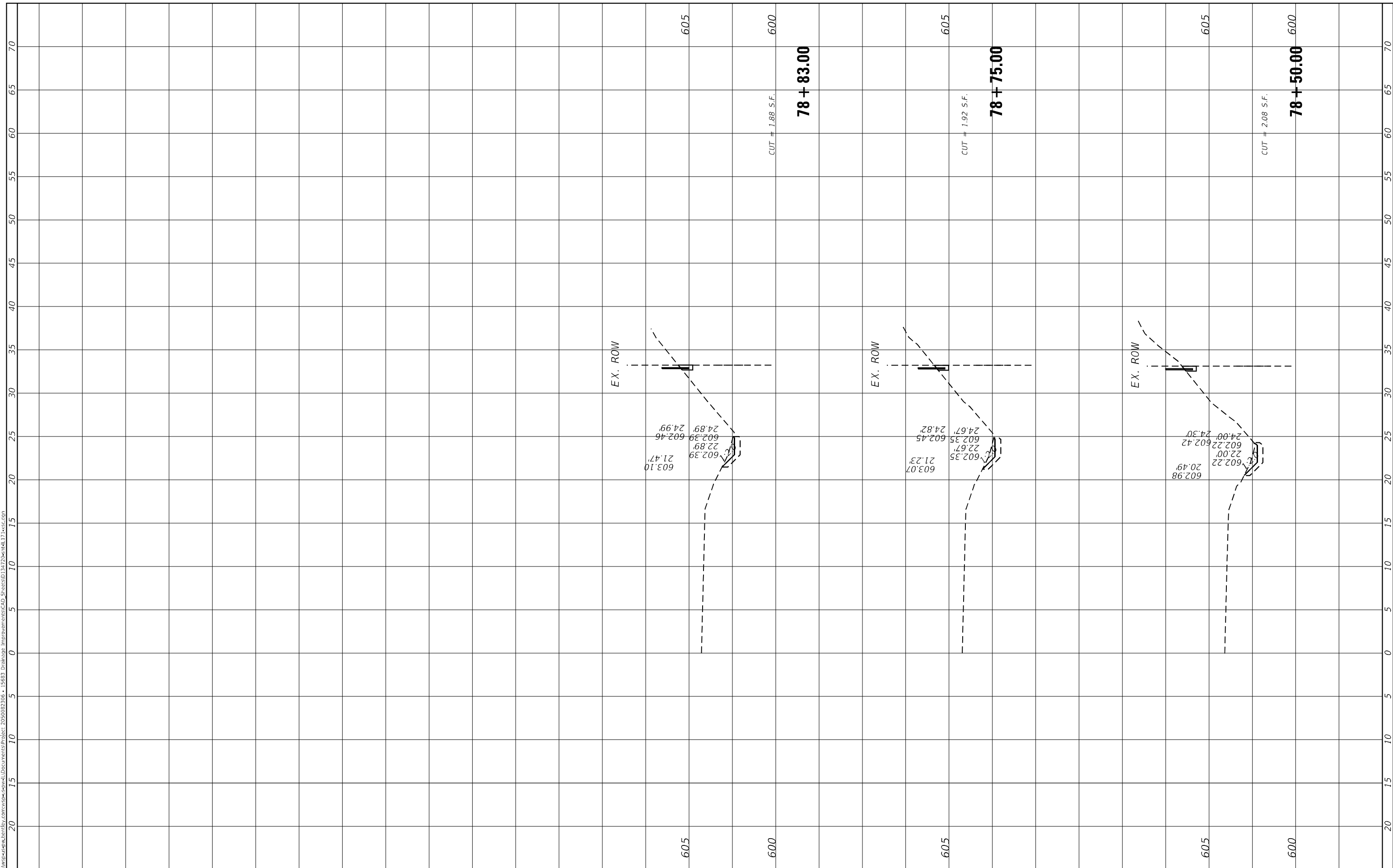
SCALE: H: 1"=40' V: 1"=4' SHEET 7 OF 8 SHEETS STA. 77+25.00 TO STA. 78+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	111
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

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

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

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PLOT SCALE = 10,0000 * / in.
PLOT DATE = 12/5/2025

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #8 IL RTE 171
 CROSS SECTIONS**

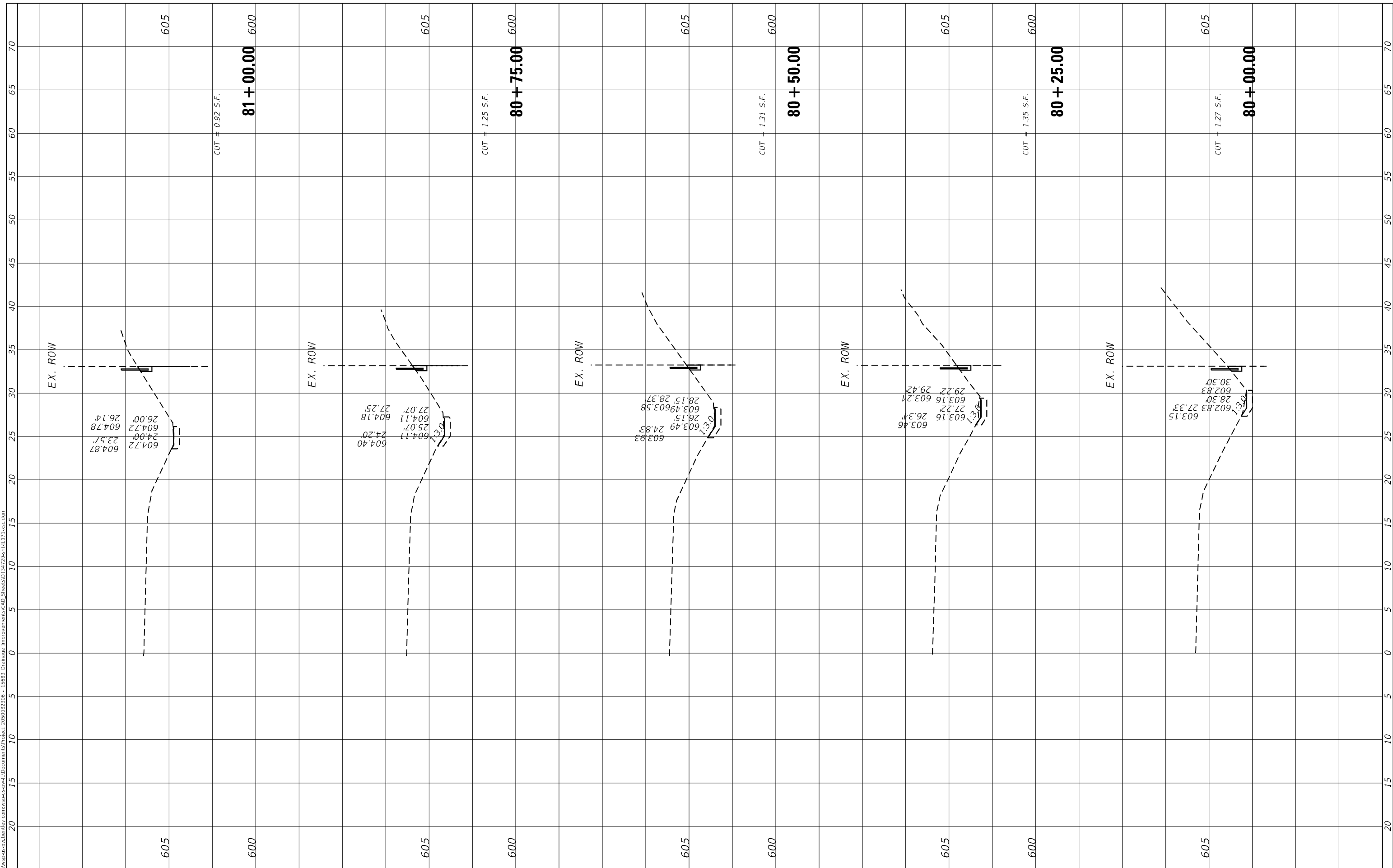
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 8 OF 8 SHEETS STA. 78+50.00 TO STA. 78+83.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	112
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = USMM717315
DESIGNED -
DRAWN -
PLOT SCALE = 10,0000 * / in.
CHECKED -
PLOT DATE = 12/5/2025
DATE -

REVISIED -
REVISIED -
REVISIED -
REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITES #9 IL RTE 171
CROSS SECTIONS**

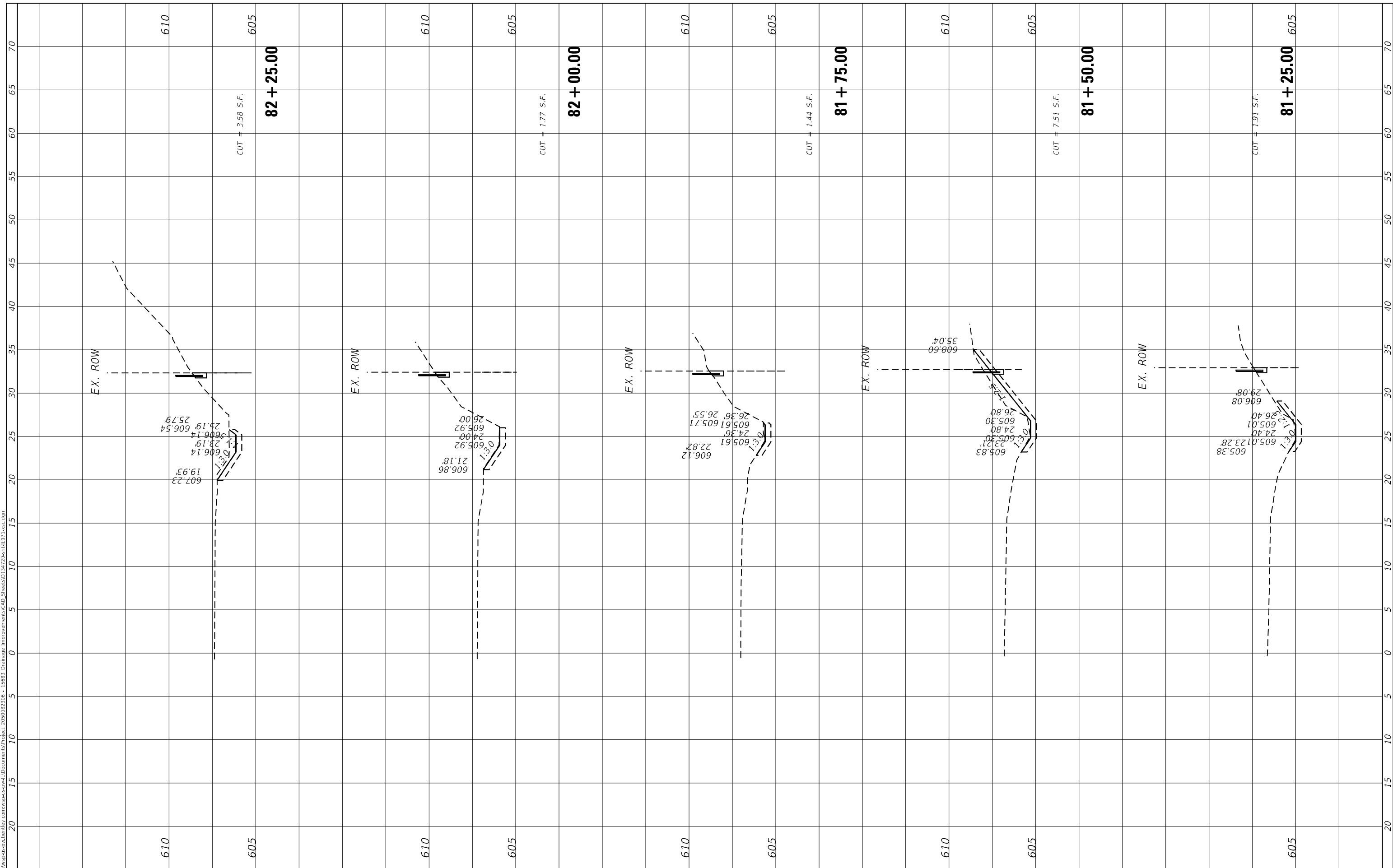
SCALE: H: 1"=10'
V: 1"=4'
SHEET 1 OF 4 SHEETS
STA. 80+00.00 TO STA. 81+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	113
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Default
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PLOT SCALE = 10.0000" / in.
PLOT DATE = 12/5/2025

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITES #9 IL RTE 171
 CROSS SECTIONS**

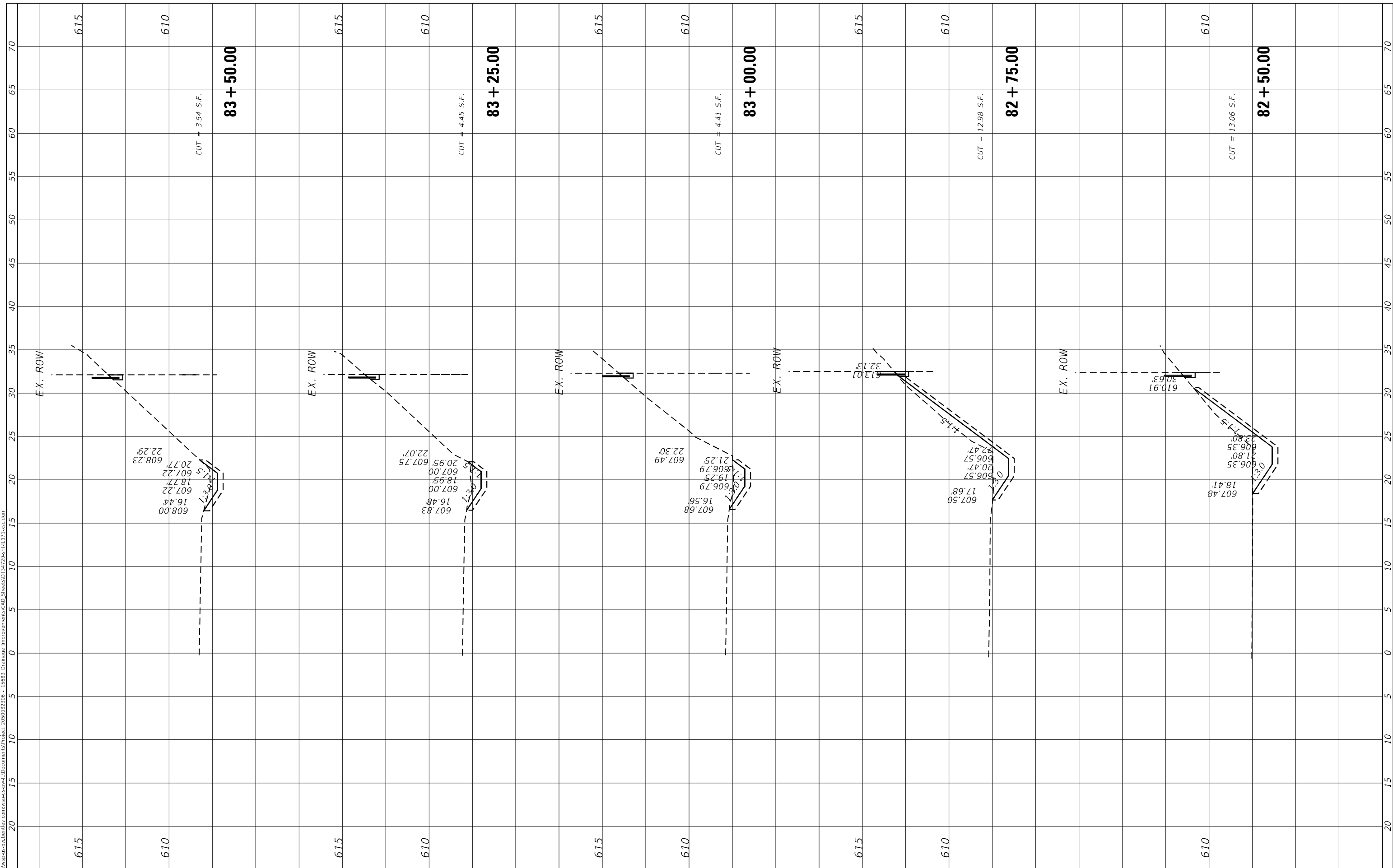
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 2 OF 4 SHEETS STA. 81+25.00 TO STA. 82+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	114
CONTRACT NO. 62V08				
ILLINOIS		FED. AID PROJECT		

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

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NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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DRAWN -
PLOT SCALE = 10.0000 * / in.
CHECKED -
DATE = 12/5/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITES #9 IL RTE 171
CROSS SECTIONS**

SCALE: $\frac{1"}{40'}$ SHEET 3 OF 4 SHEETS STA. 82+50.00 TO STA. 83+50.00

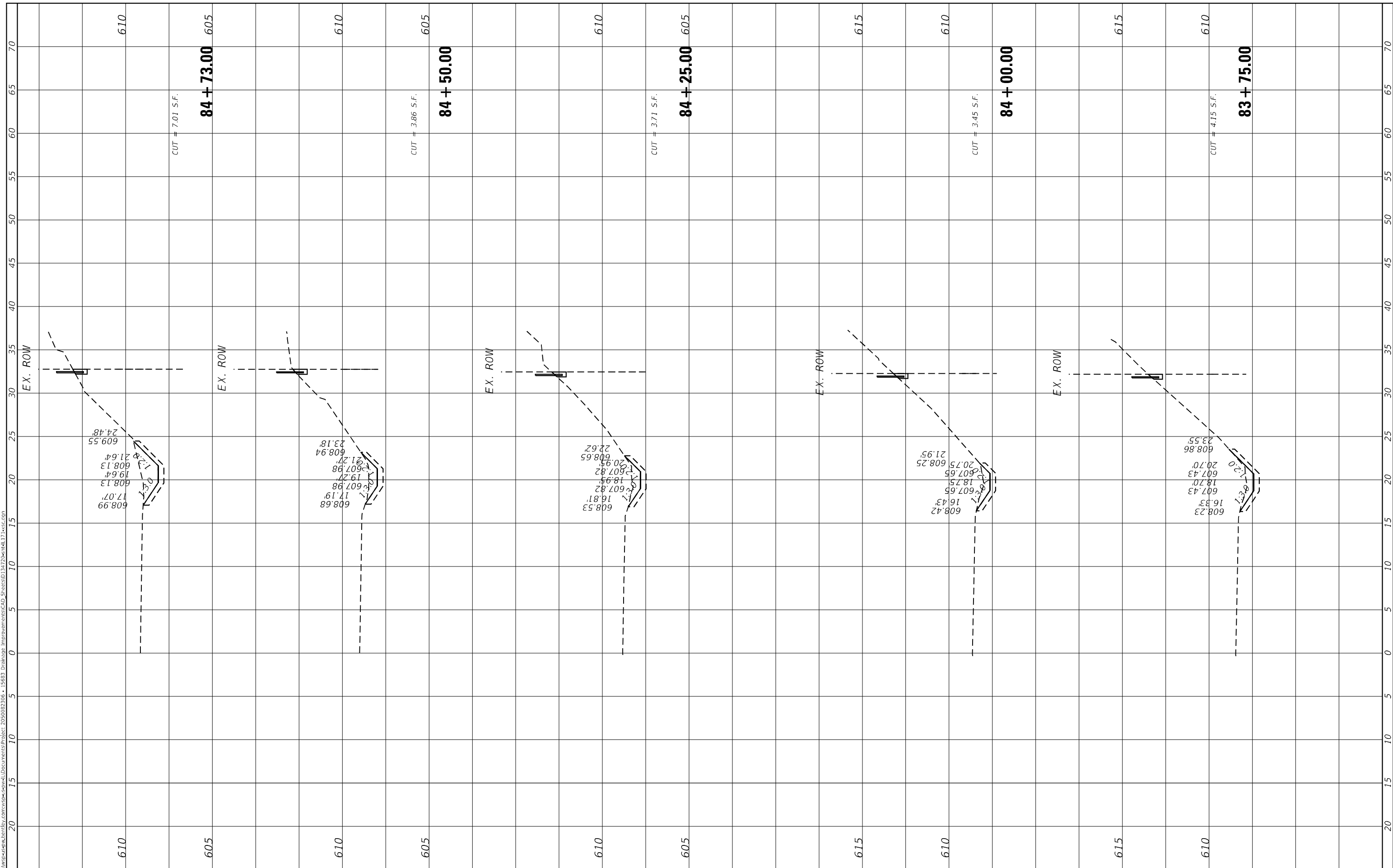
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	115
CONTRACT NO. 62V08				

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	BY	DATE
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	AREAS CHECKED		

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	AREAS CHECKED		

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REVISIED -
REVISIED -
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REVISIED -
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REVISIED -
REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

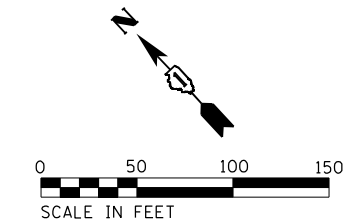
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V: 1"=50'
SHEET 4 OF 4 SHEETS
TO STA. 84+73.00

**SITES #9 IL RTE 171
 CROSS SECTIONS**

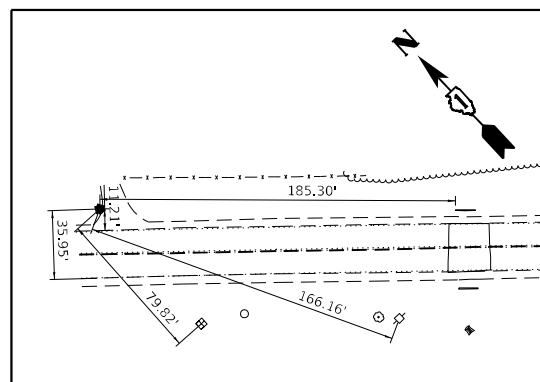
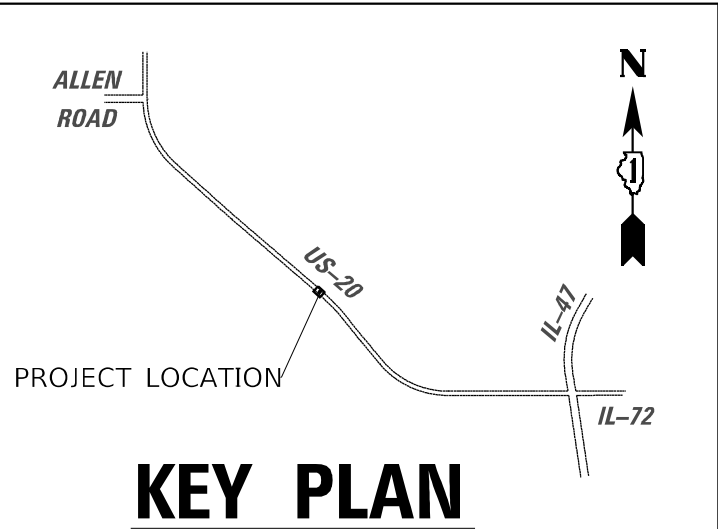
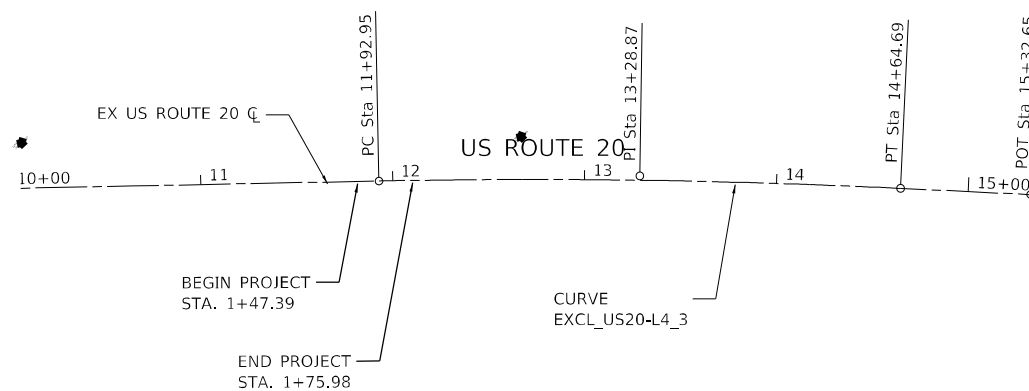
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	116
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE EXCL_US20-L4_3
 PI STA. = 3+10.73
 $\Delta = 3^\circ 41' 15''$ (RT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 160.95'$
 $L = 321.78'$
 $E = 2.59'$
 $e = \underline{\hspace{1cm}}$
 $T.R. = \underline{\hspace{1cm}}$
 $S.E. RUN = \underline{\hspace{1cm}}$
 $P.C. STA. = 1+49.78$
 $P.T. STA. = 4+71.56$

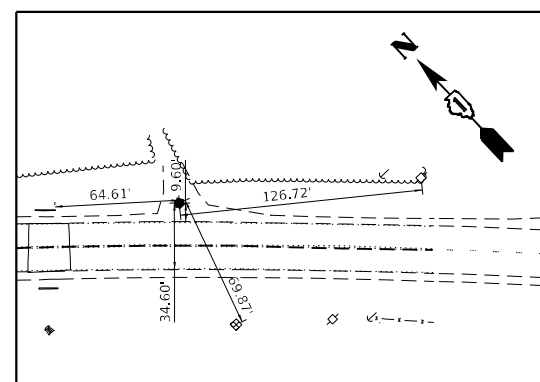
ALIGNMENT COORDINATES			
US ROUTE 20			
STATION	N	E	
POB 0+00.00	1976547.8957	946665.5729	
PC 1+49.78	1976458.8149	946783.5777	
PT 4+71.56	1976224.2567	947008.3967	
POT 4+98.10	1976205.2388	947026.9034	



CONTROL POINTS			
US ROUTE 20			
#	ELEVATION	N	E
9	953.55	1976408.7730	946853.7070
10	953.86	1976584.1200	946661.3650



CONTROL POINT #10



CONTROL POINT #9

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PLOT DATE = 12/8/2025	CHECKED - KE	REVISED -
	DATE - 12/10/2025	REVISED -




STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US ROUTE 20 WEST OF IL 47
 ALIGNMENT, TIES, & BENCHMARKS

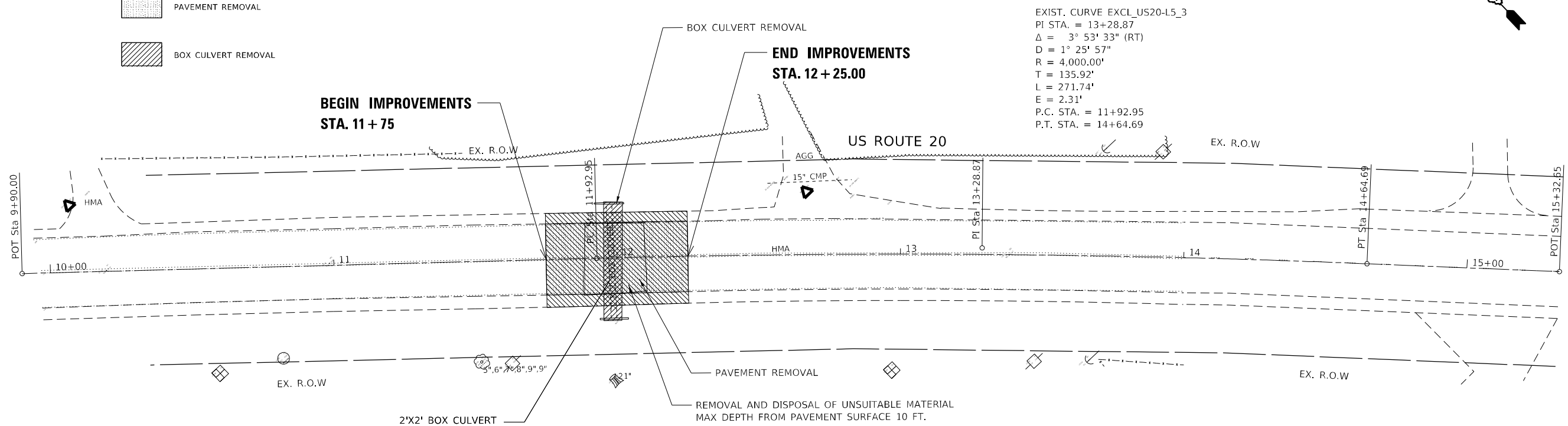
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	117
			CONTRACT NO. 62V08	
		ILLINOIS	FED. AID PROJECT	

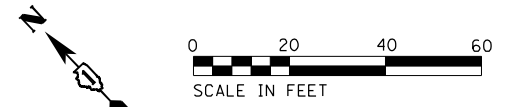
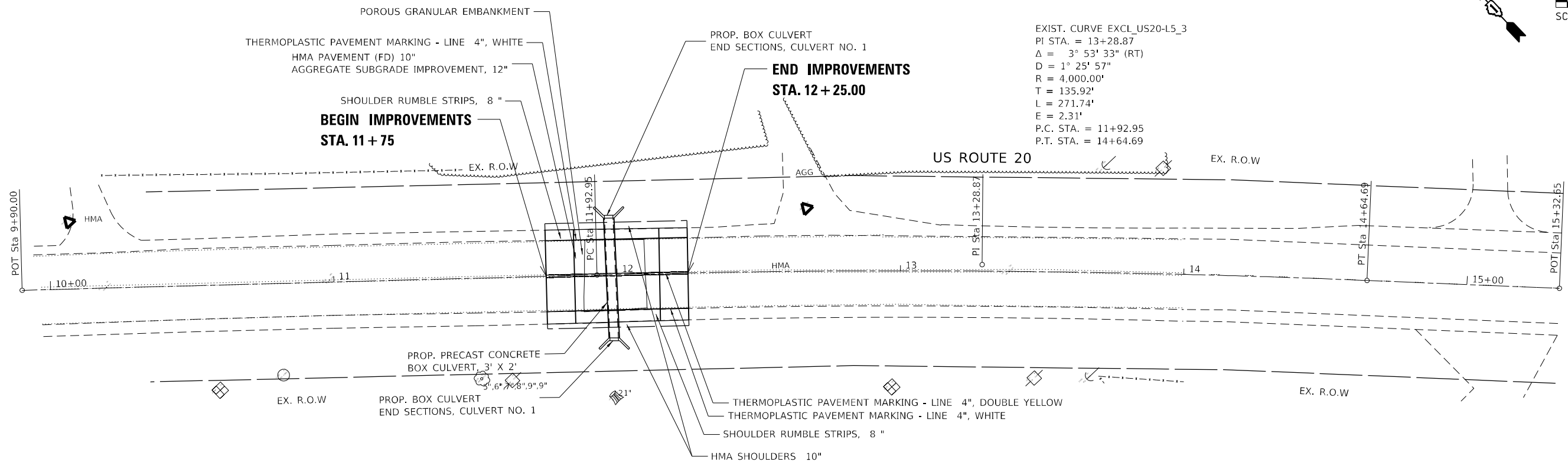
LEGEND

-  REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
-  PAVEMENT REMOVAL
-  BOX CULVERT REMOVAL

EXIST. & REMOVAL PLAN



PROPOSED PLAN



MODEL: Default
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




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	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US ROUTE 20 WEST OF IL 47 REMOVAL PLAN & PROPOSED PLAN	
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS
STA. 11+75	TO STA. 12+25

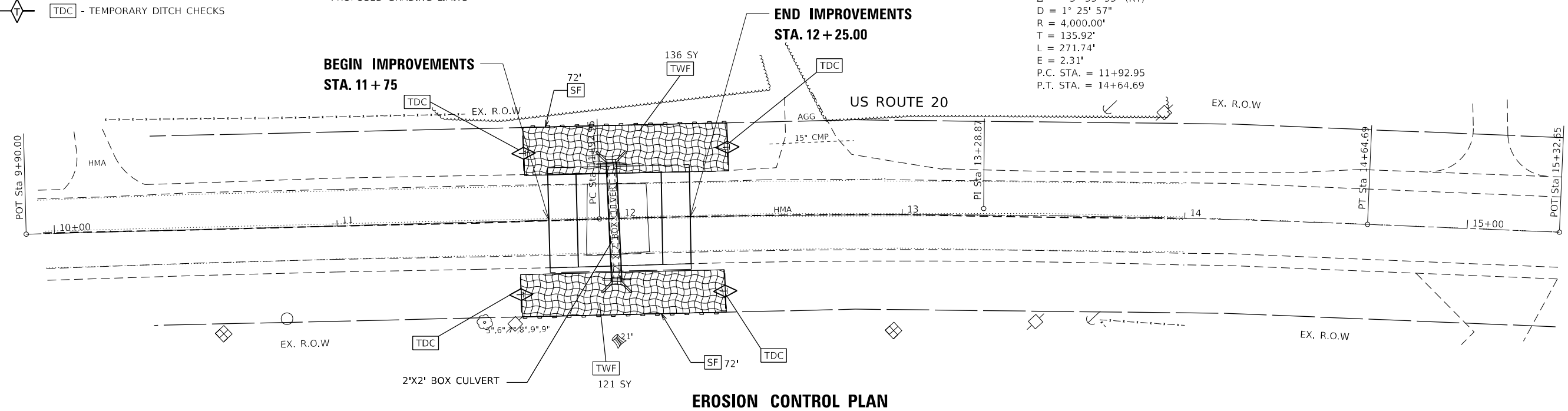
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	119
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LEGEND

-  - PERIMETER EROSION BARRIER
-  - INLET FILTERS
-  - INLET AND PIPE PROTECTION
-  - TEMPORARY DITCH CHECKS
-  - AGGREGATE DITCH CHECKS
-  - TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET
-  - PROPOSED GRADING LIMITS







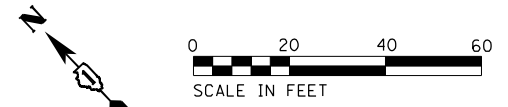
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 $\Delta = 3^\circ 53' 33''$ (RT)
 $D = 1^\circ 25' 57''$
 $R = 4,000.00'$
 $T = 135.92'$
 $L = 271.74'$
 $E = 2.31'$
 P.C. STA. = 11+92.95
 P.T. STA. = 14+64.69



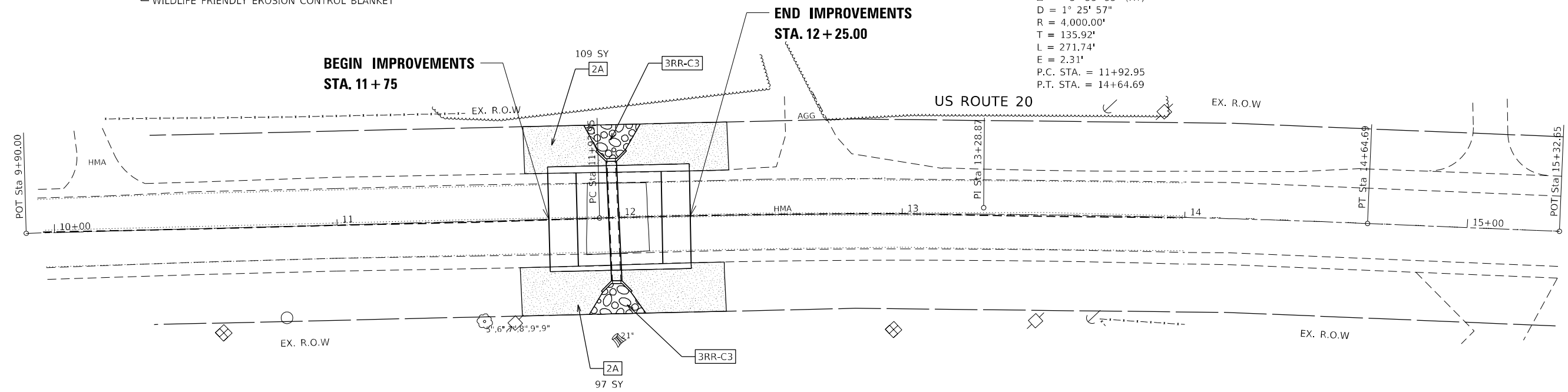
EROSION CONTROL PLAN

LANDSCAPING LEGEND

-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A WILDLIFE FRIENDLY EROSION CONTROL BLANKET
-  3RR-C3 STONE RIPRAP, CLASS A3
-  TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 3 WILDLIFE FRIENDLY EROSION CONTROL BLANKET
-  SST TOPSOIL FURNISH AND PLACE, 4" SOD, SALT TOLERANT



EXIST. CURVE EXCL_US20-L5_3
 PI STA. = 13+28.87
 $\Delta = 3^\circ 53' 33''$ (RT)
 $D = 1^\circ 25' 57''$
 $R = 4,000.00'$
 $T = 135.92'$
 $L = 271.74'$
 $E = 2.31'$
 P.C. STA. = 11+92.95
 P.T. STA. = 14+64.69



LANDSCAPING PLAN

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DRAWN - MM	REVISED -	
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PLOT DATE = 1/27/2026	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US ROUTE 20 WEST OF IL 47 EROSION CONTROL & LANDSCAPING PLAN			
SCALE: 1"=20'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	120
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

STAGING GENERAL NOTES

1. TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION FOR TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. THE ENGINEER SHALL BE INFORMED IN WRITING A MINIMUM OF 48 HOURS IN ADVANCE OF ANY CHANGE TO THE TRAFFIC CONTROL PLANS.
2. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORSEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN IN THE TRAFFIC CONTROL PLANS. THE CONTRACTOR SHALL RESPOND PROMPTLY TO ANY DIRECTION GIVEN BY THE ENGINEER FOR MAINTENANCE OF TRAFFIC CONTROL DEVICES.
3. CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE DISTRICT ONE AND STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER.
4. EXISTING TRAFFIC SIGNS IN CONFLICT WITH DETOUR PLANS SHALL BE COVERED.
5. ONLY ONE DETOUR PLAN SHALL BE OPERATIONAL AT ONE TIME.
6. CONTRACTOR SHALL PLACE A MINIMUM OF ONE (1) PORTABLE CHANGEABLE MESSAGE SIGN AT LOCATION(S) DESIGNATED BY THE ENGINEER IN ORDER TO INFORM MOTORIST OF UPCOMING CONSTRUCTION CHANGES A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE COMMENCEMENT OF CONSTRUCTION AND SUBSEQUENT STAGE CHANGES.

SEQUENCE OF CONSTRUCTION

- US ROUTE 20
1. CLOSE US ROUTE 20 WEST OF IL 47 PER DETOUR PLAN.
 2. INSTALL EROSION CONTROL DEVICES. REMOVE AND CONSTRUCT PAVMENT AND DRAINAGE CULVERT.
 3. REMOVE DETOUR PLAN .
 4. REMOVE EROSION CONTROL DEVICES, REGRADE DITCHES, AND INSTALL PERMANENT SEEDING PER PLANS.
 5. MAINTAIN ALL LANES IN FINAL CONFIGURATION. CONSTRUCTION ACTIVITIES SHALL BE PERFORMED PER IDOT STANDARD 701006.

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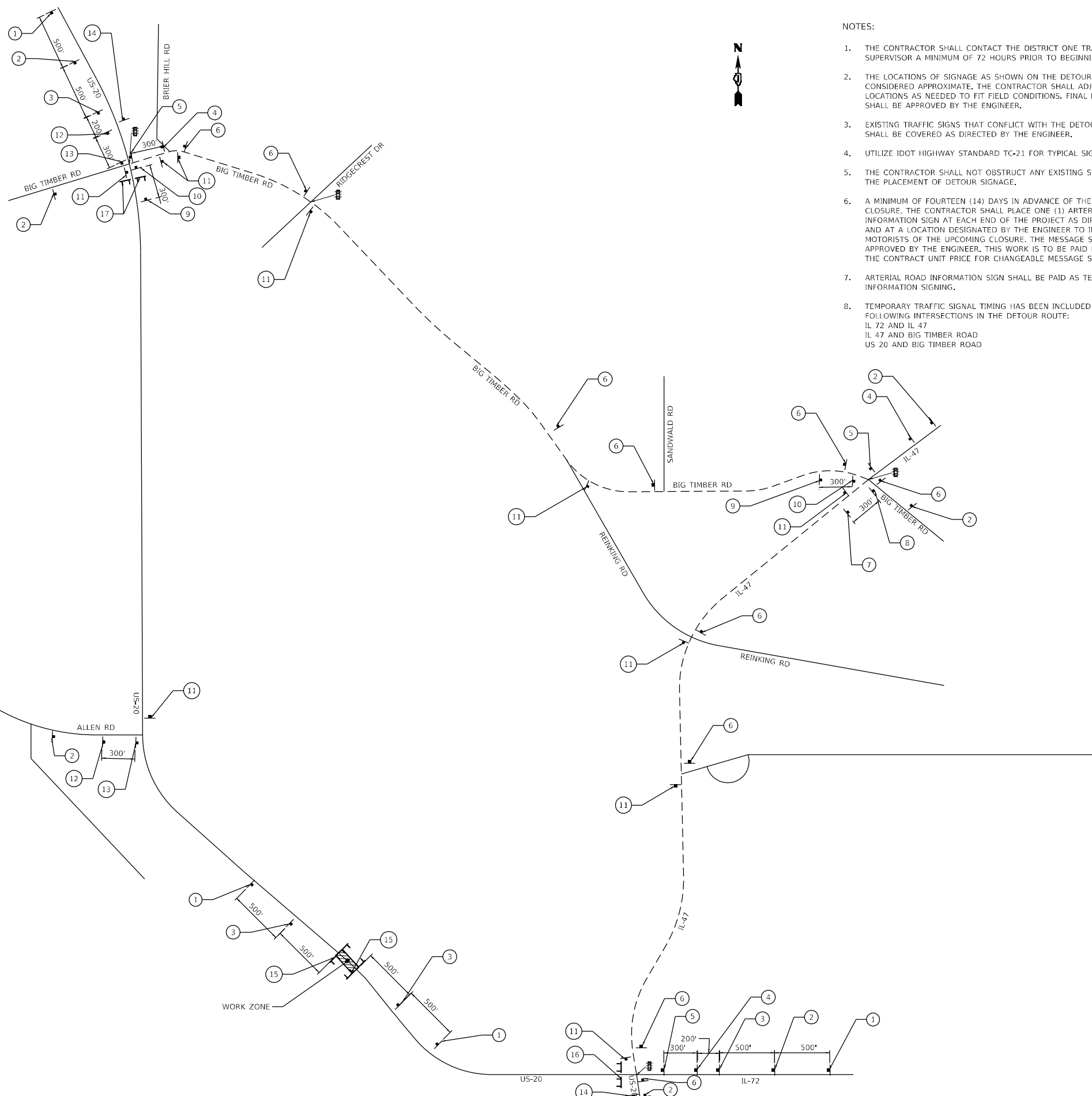
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PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 20 WEST OF IL 47
 TRAFFIC CONTROL GENERAL NOTES / SEQUENCE OF CONSTRUCTION**

SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	121
			CONTRACT NO. 62V08	
		ILLINOIS	FED. AID PROJECT	



- NOTES:
1. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
 2. THE LOCATIONS OF SIGNAGE AS SHOWN ON THE DETOUR PLAN ARE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL ADJUST SIGNAGE LOCATIONS AS NEEDED TO FIT FIELD CONDITIONS. FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
 3. EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THE DETOUR SIGNAGE SHALL BE COVERED AS DIRECTED BY THE ENGINEER.
 4. UTILIZE IDOT HIGHWAY STANDARD TC-21 FOR TYPICAL SIGN SPACING.
 5. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
 6. A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE ROAD CLOSURE, THE CONTRACTOR SHALL PLACE ONE (1) ARTERIAL ROAD INFORMATION SIGN AT EACH END OF THE PROJECT AS DIRECTED AND AT A LOCATION DESIGNATED BY THE ENGINEER TO INFORM MOTORISTS OF THE UPCOMING CLOSURE. THE MESSAGE SHALL BE APPROVED BY THE ENGINEER. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CHANGEABLE MESSAGE SIGN.
 7. ARTERIAL ROAD INFORMATION SIGN SHALL BE PAID AS TEMPORARY INFORMATION SIGNING.
 8. TEMPORARY TRAFFIC SIGNAL TIMING HAS BEEN INCLUDED AT THE FOLLOWING INTERSECTIONS IN THE DETOUR ROUTE:
IL 72 AND IL 47
IL 47 AND BIG TIMBER ROAD
US 20 AND BIG TIMBER ROAD

①		W20-3-4848	⑩		M4-8-2412
②		W20-2-4848	⑪		M3-2-2412
③		W20-3-4848	⑫		M1-40-2424
④		M4-8-2412	⑬		M6-3-2115
⑤		M3-4-2412	⑭		M4-8-2412
⑥		M1-40-2424	⑮		M3-2-2412
⑦		M6-1R-2115	⑯		M1-40-2424
⑧		M4-8-2412	⑰		M6-1L-2115
⑨		M3-4-2412	⑱		M4-8-2412
		M1-40-2424			M3-2-2412
		M6-1L-2115			M1-40-2424
		M5-1R-2115			M6-3-2115

LEGEND

- TRAFFIC SIGNAL
- TYPE III BARRICADE FLASHING LIGHT
- SIGN
- DETOUR ROUTE
- WORK ZONE

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PLOT DATE = 1/25/2026	CHECKED - KE	REVISED -
	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 20 WEST OF IL 47
DETOUR PLAN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	122
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

Existing Structure: Sta. 1+63.56, 2'x2' reinforced concrete box culvert, 41'-0" in length.
The existing structure will be completely removed and replaced.

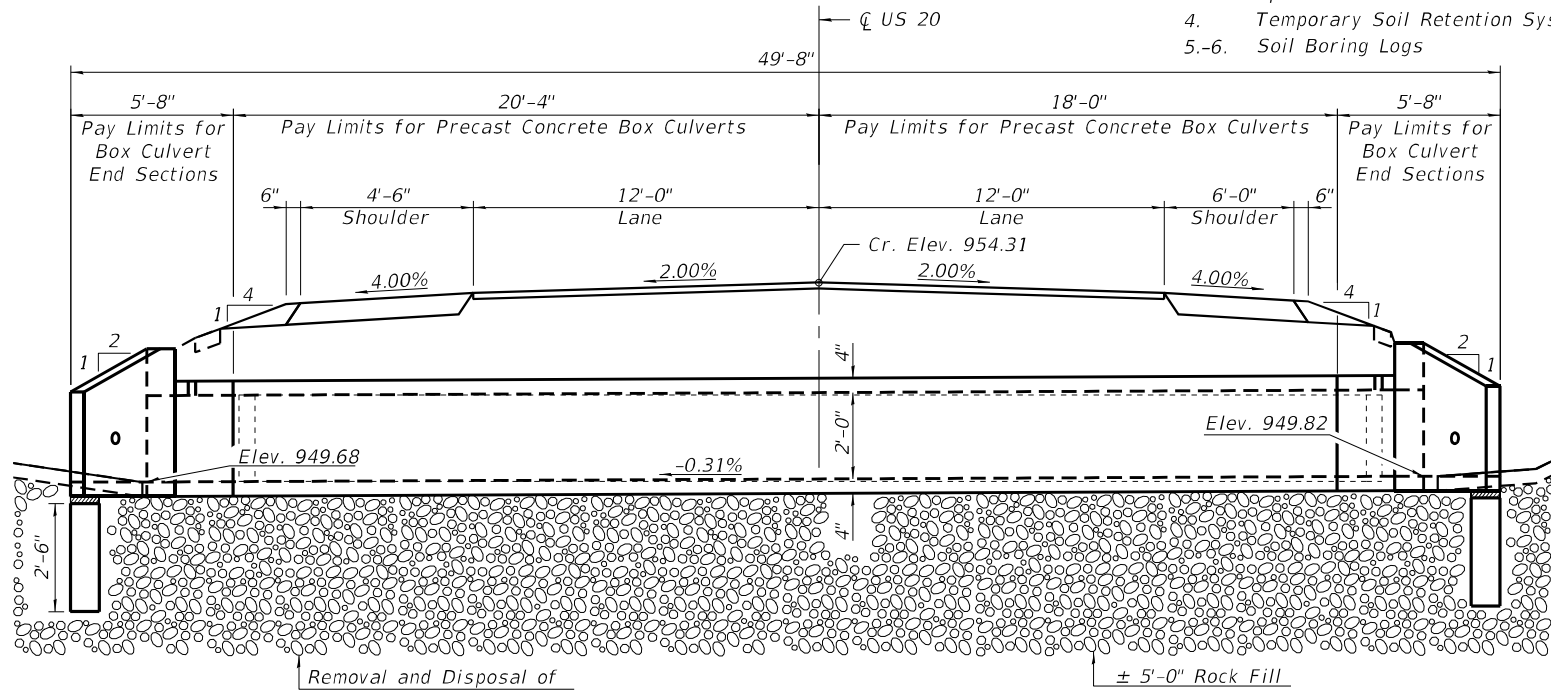
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INDEX OF SHEETS

1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert
Apron End Section Details
4. Temporary Soil Retention System
- 5.-6. Soil Boring Logs

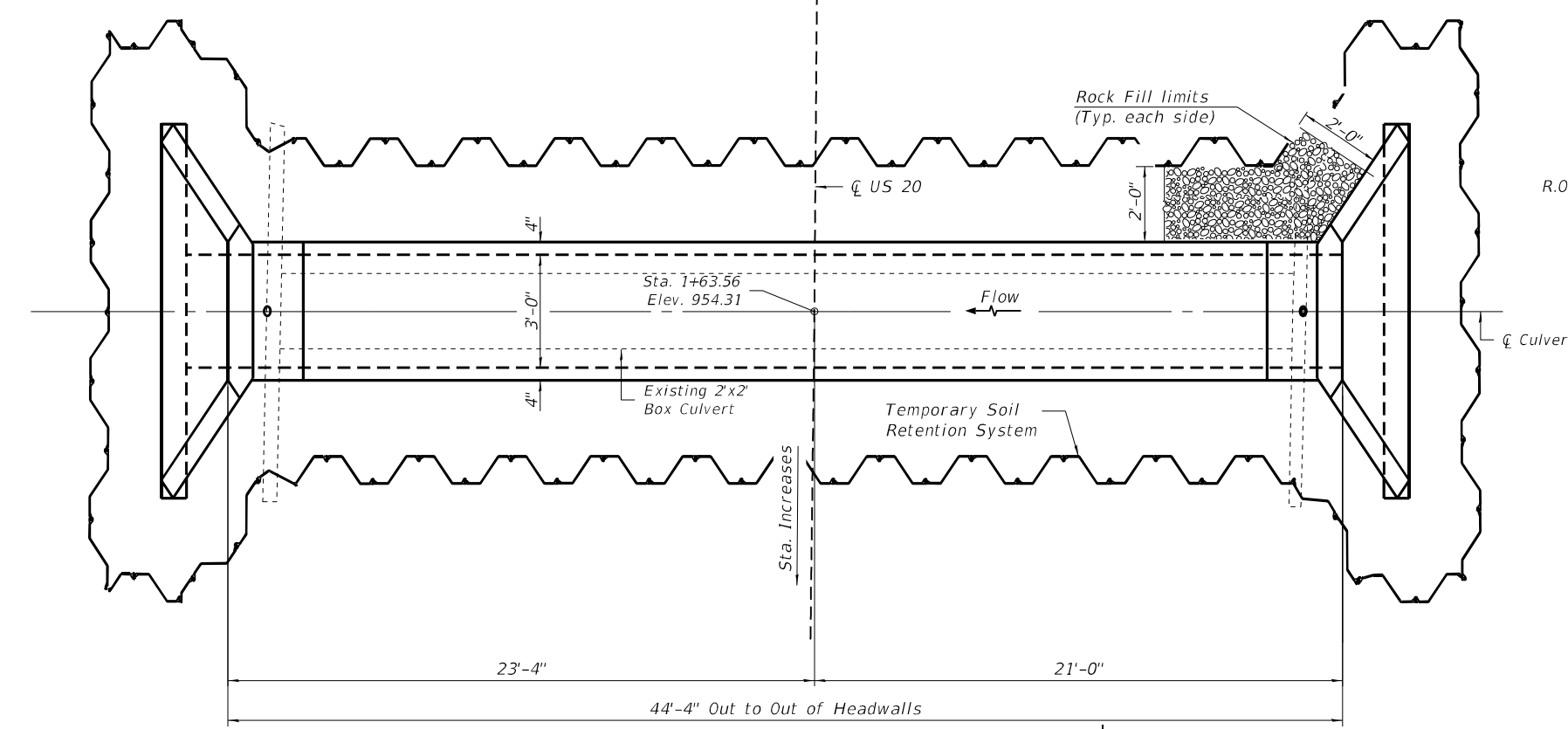
GENERAL NOTES

The design fill height for this box is 3 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
Precast concrete box culverts and box culvert end sections shall be backfilled with Rock Fill in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of Rock Fill is included in the Rock Fill pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.
The limits and quantities of removal and replacement shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.
The Contractor shall not be paid for any additional excavation or embankment beyond the limits shown on the plans.



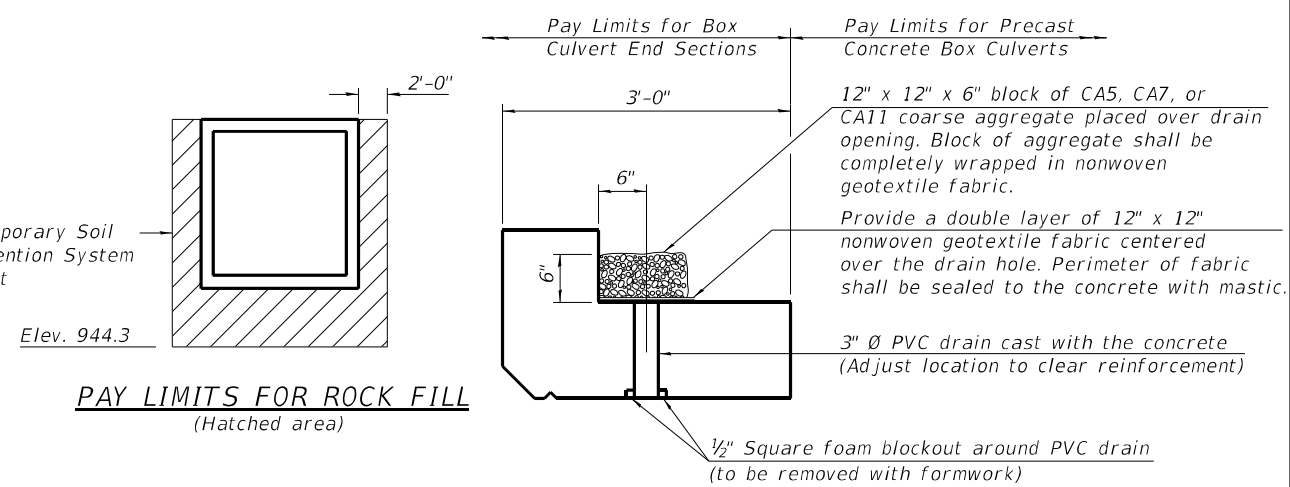
ELEVATION

CB-2



PLAN

CB-1



PAY LIMITS FOR ROCK FILL
(Hatched area)

DRAIN DETAIL

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

DESIGN SPECIFICATIONS

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

LOADING HL-93

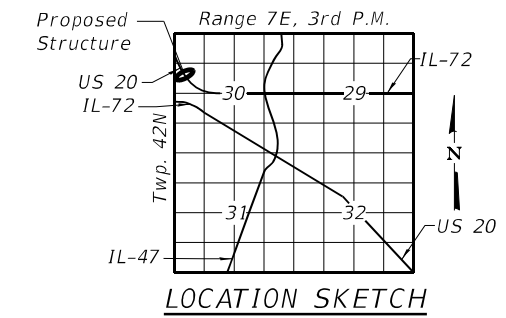
DESIGN STRESSES

PRECAST UNITS

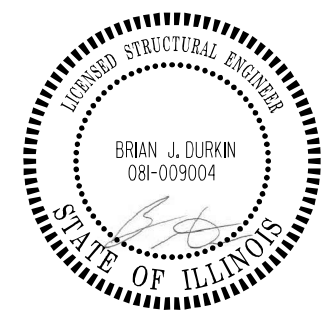
$f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	84
Temporary Soil Retention System	Sq. Ft.	1170
Box Culvert End Sections, Culvert No. 1	Each	2
Precast Concrete Box Culverts, 3' x 2'	Foot	39
Geocomposite Wall Drain	Sq. Yd.	27
Membrane Waterproofing System for Buried Structures	Sq. Yd.	27
Rock Fill	Cu. Yd.	104



LOCATION SKETCH



SCB-GPE 5-15-2023



USER NAME = USBD715158	DESIGNED - BJD	REVISED -
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PLOT DATE = 1/27/2026	DRAWN - BJD	REVISED -
	CHECKED - MGH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION

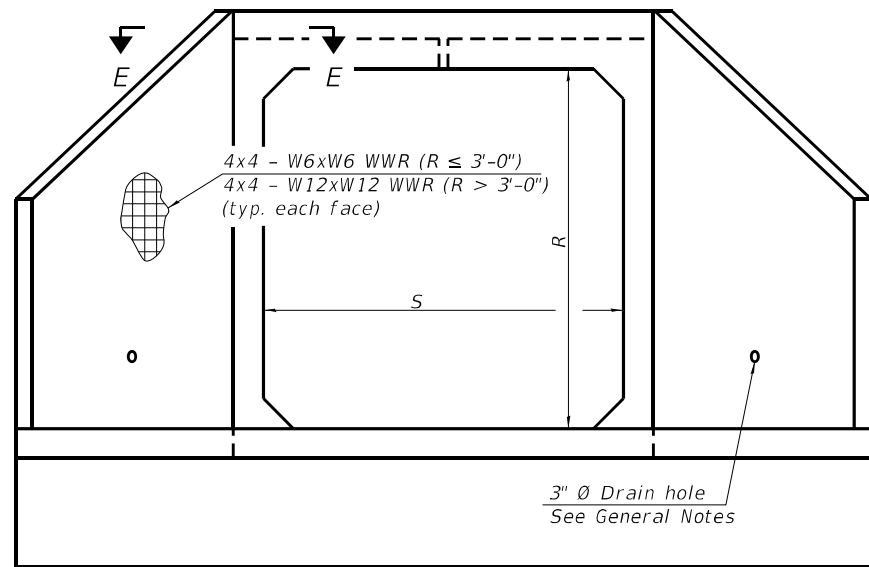
SHEET 1 OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	123
CONTRACT NO. 62V08				

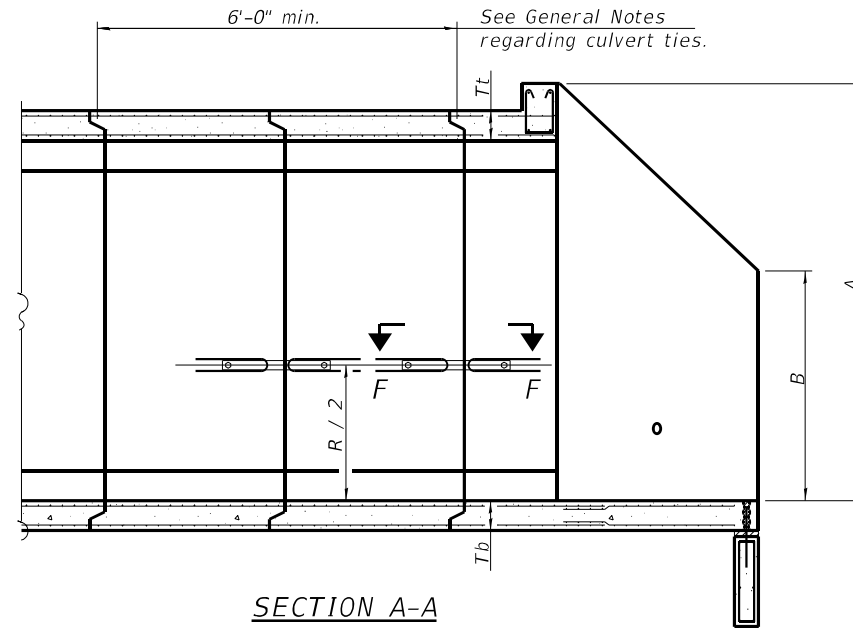
ILLINOIS FED. AID PROJECT

GENERAL PLAN AND ELEVATION
US RTE. 20 WEST OF IL 47
F.A.P. RTE. 345 SEC. 2023 VAR DRAINAGE
KANE COUNTY
STATION 1+63.56

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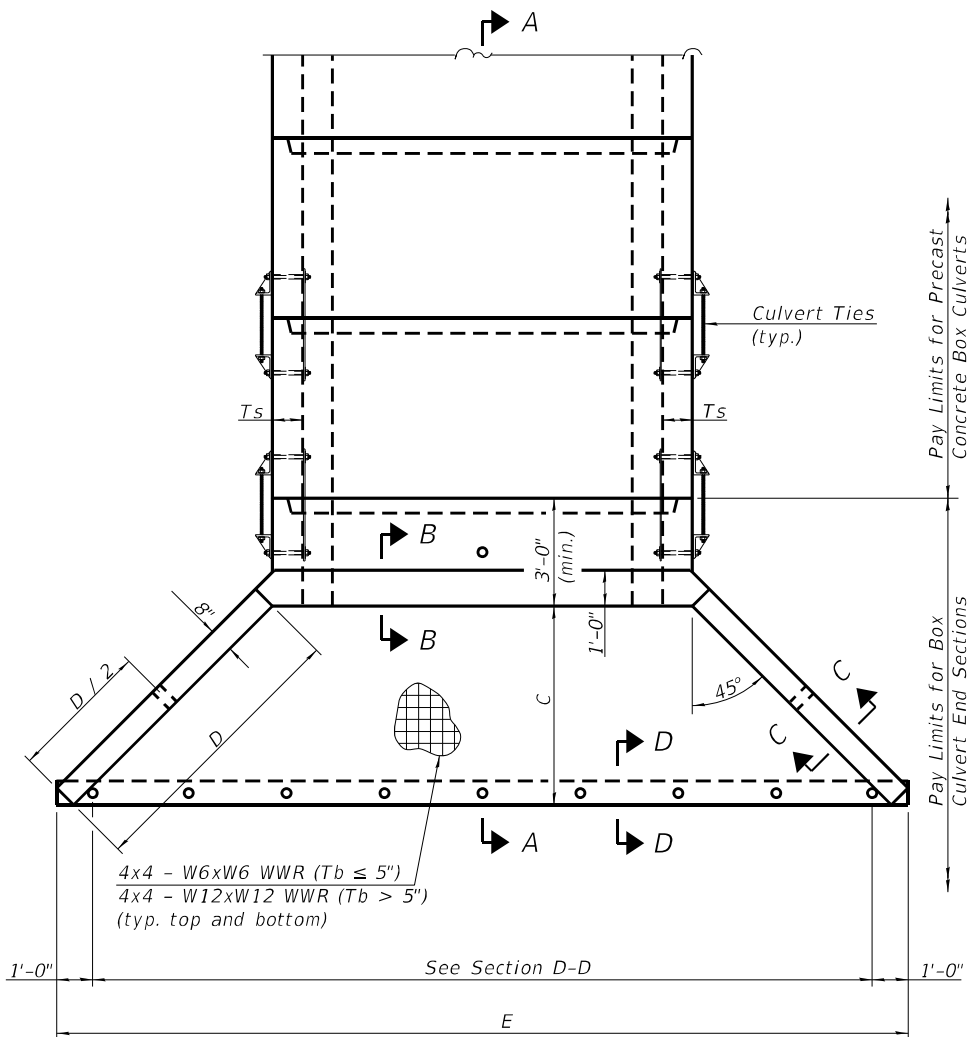
END VIEW



SECTION A-A
GENERAL NOTES

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 ⁷ / ₈ "	3'-9"	9'-11"	2.3	Yes



PLAN

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

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

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

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

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

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

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

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

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

(Sheet 1 of 2)

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SCB-AES

5-15-2023



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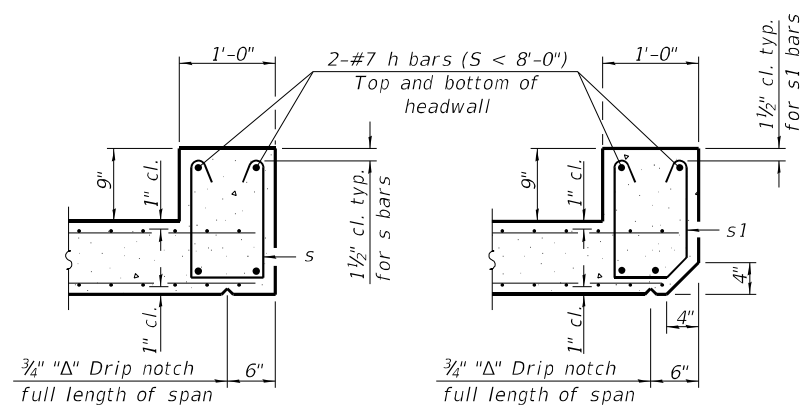
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON
END SECTION DETAILS

SHEET 2 OF 6 SHEETS

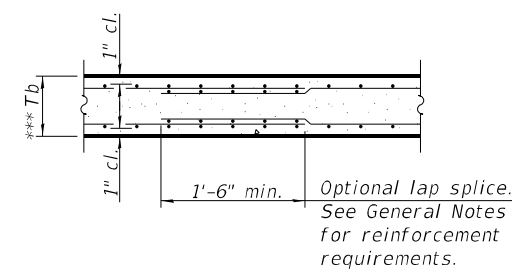
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CONTRACT NO. 62V08				

ILLINOIS FED. AID PROJECT



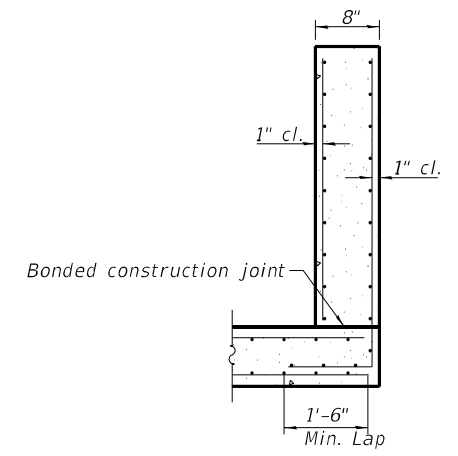
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

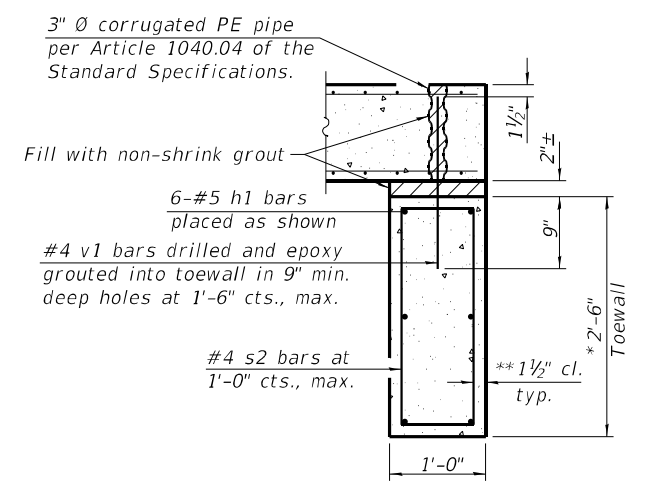


SECTION B-B
(Bottom Slab)

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



SECTION C-C



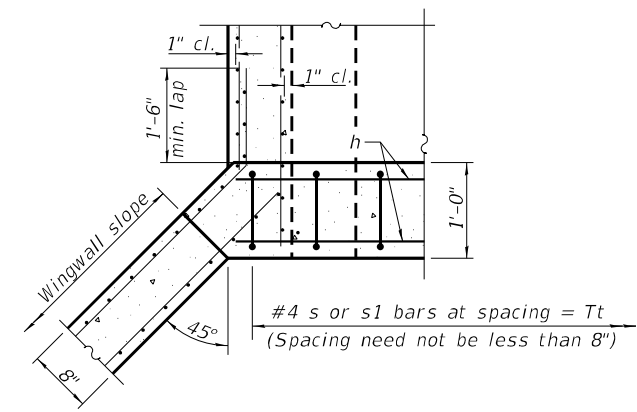
SECTION D-D

TOEWALL CONSTRUCTION SEQUENCE

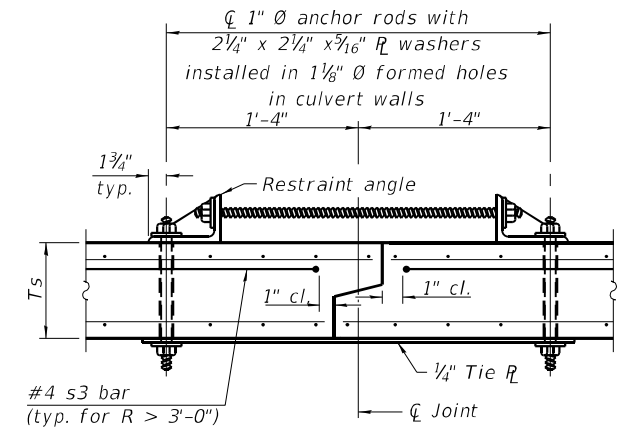
1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids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

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

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



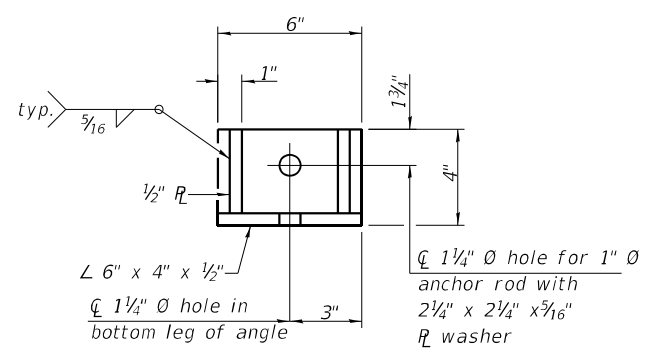
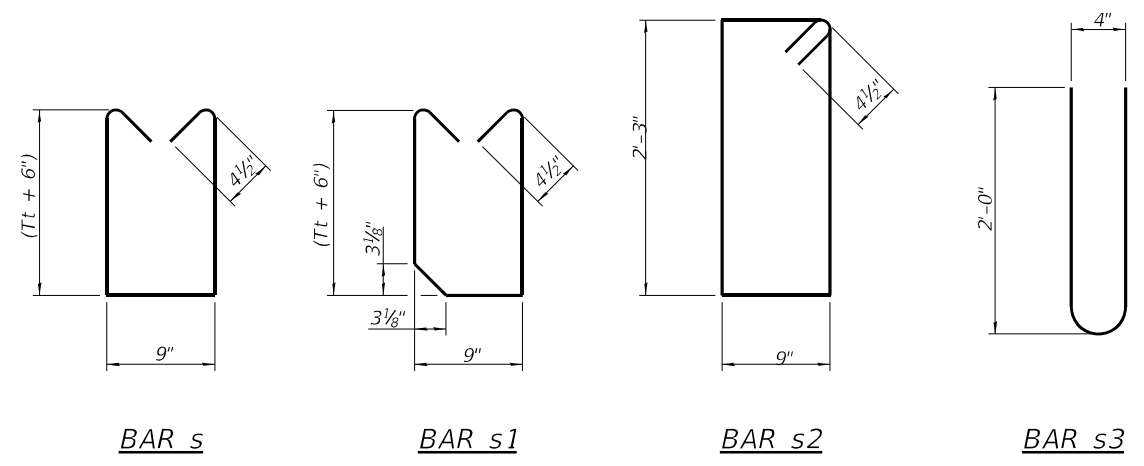
SECTION E-E



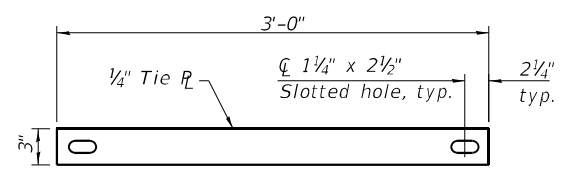
SECTION F-F
(Showing culvert tie details)

Notes:

1" diameter anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4 inch x 2 1/4 inch x 3/16 inch plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

SCB-AES 5-15-2023

(Sheet 2 of 2)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

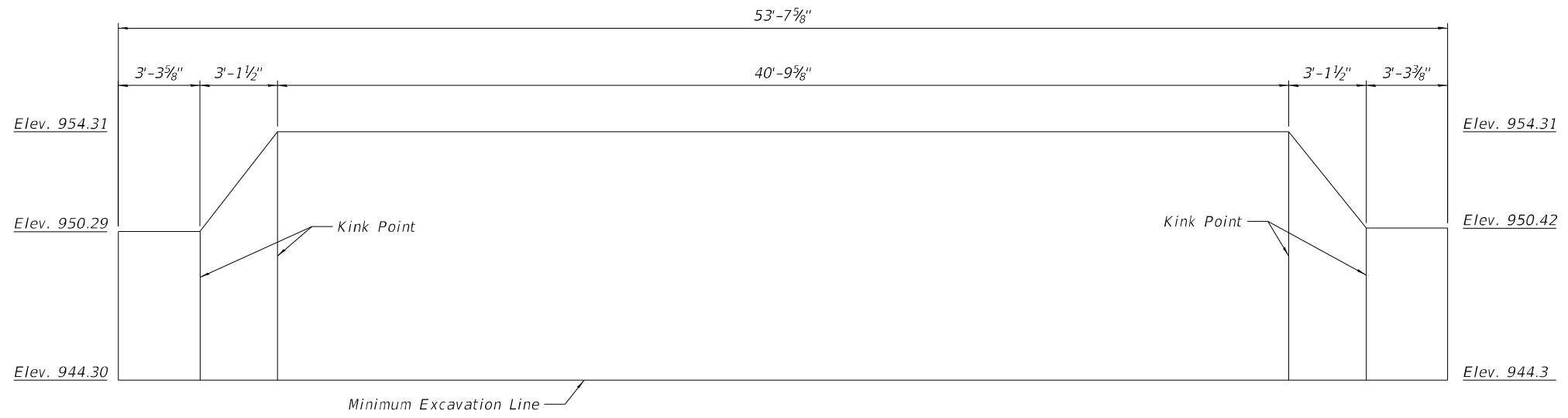
PRECAST CONCRETE BOX CULVERT APRON
END SECTION DETAILS

SHEET 3 OF 6 SHEETS

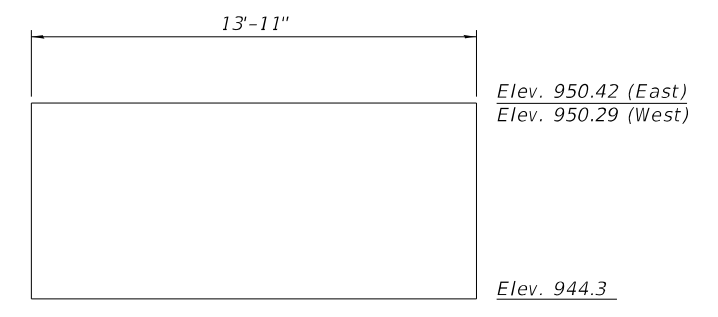
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CONTRACT NO. 62V08				

ILLINOIS FED. AID PROJECT

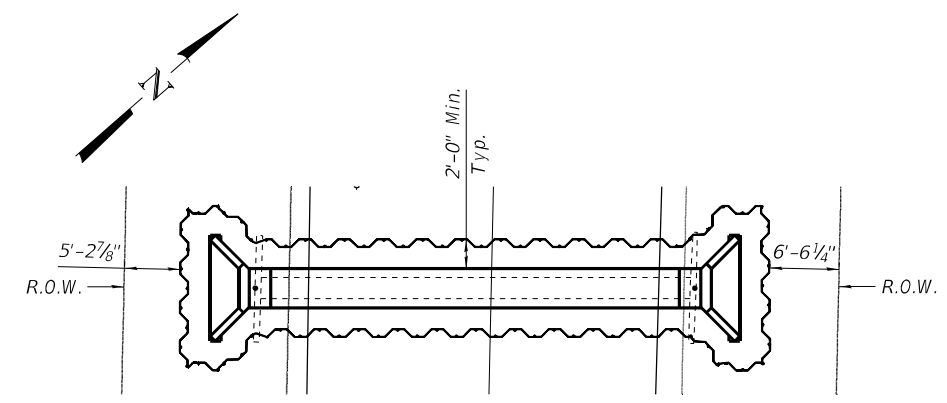
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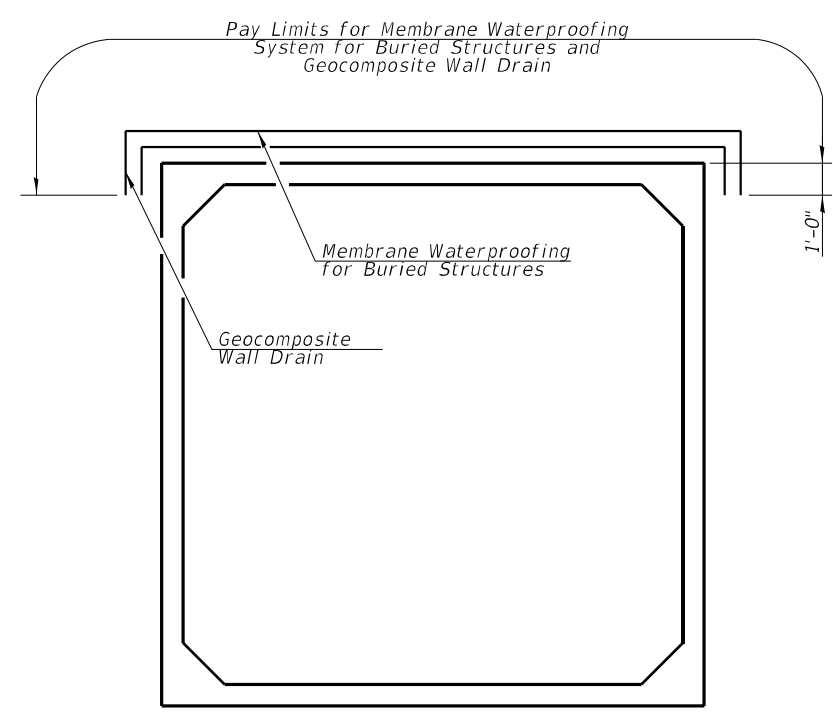
ELEVATION
 Showing North Wall
 (South Wall Similar)



ELEVATION



KEY PLAN



SECTION THRU BARREL
 Showing limits of Membrane Waterproofing
 System for Buried Structures and
 Geocomposite Wall Drain.

Note:
 Geocomposite Wall Drain shall be according to
 Section 591 of the Standard Specifications,
 except that concrete nails shall not be used
 in areas where it overlaps Membrane
 Waterproofing System for Buried Structures.



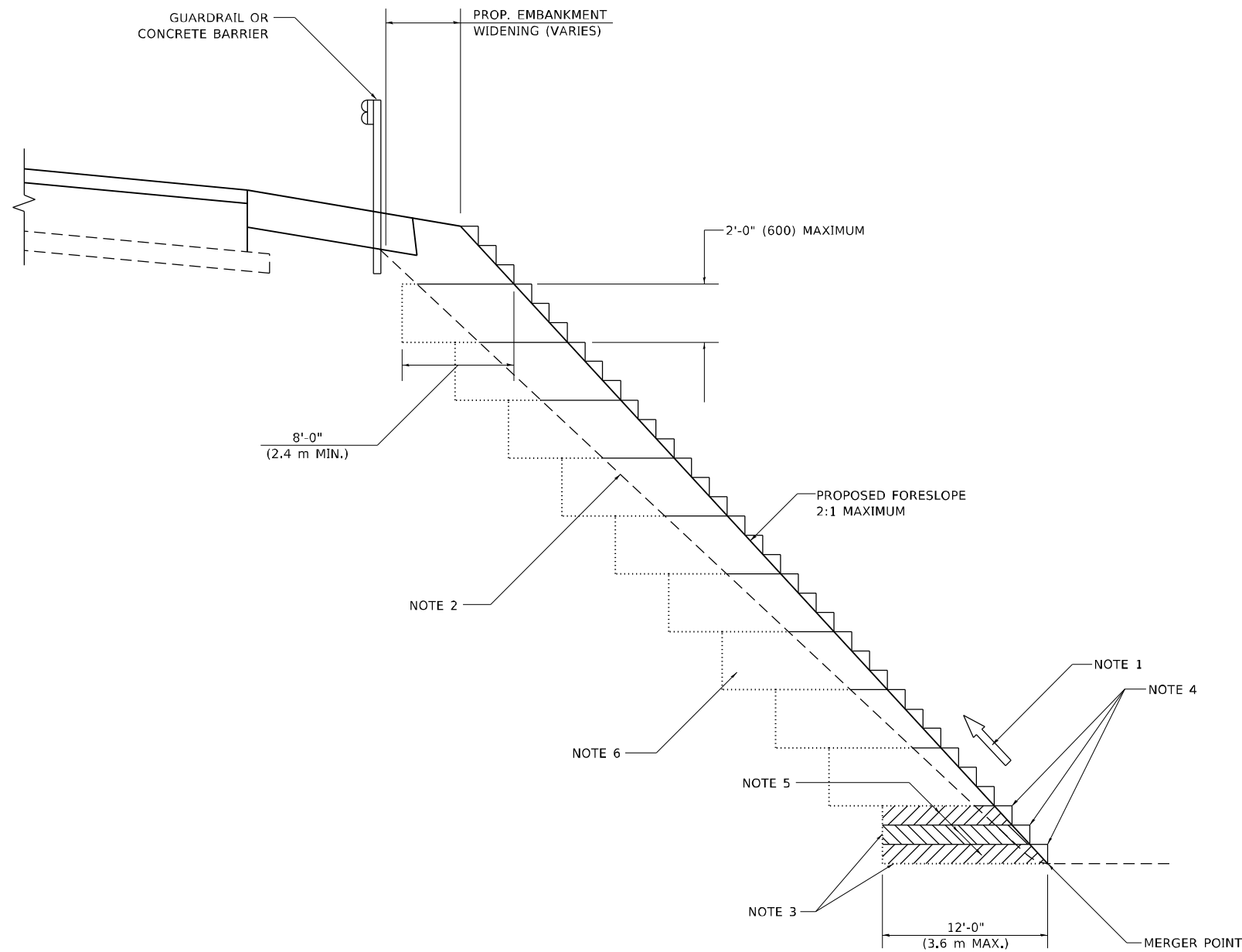
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SOIL RETENTION SYSTEM AND MISC. DETAILS

SHEET 4 OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	126
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

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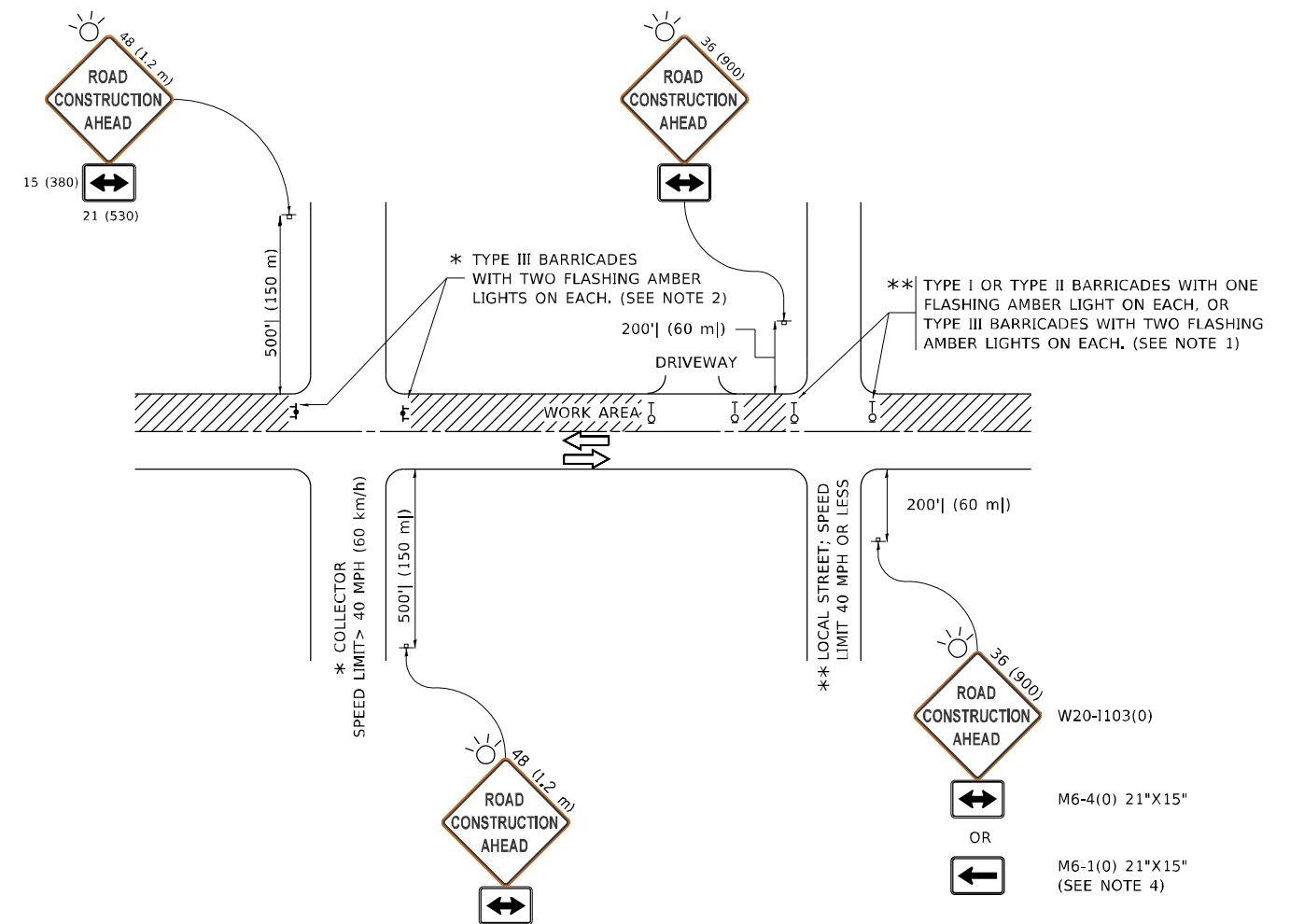
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD-51		CONTRACT NO. 62V08		
ILLINOIS		FED. AID PROJECT		



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

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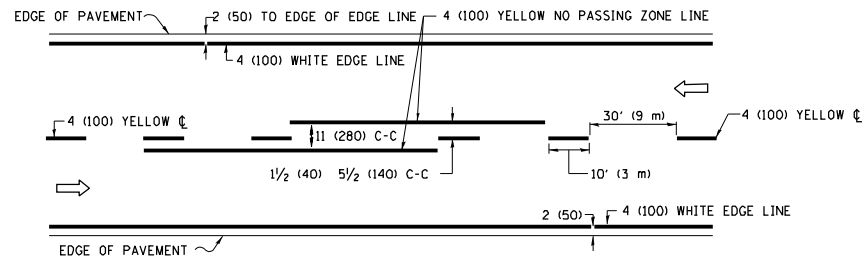
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

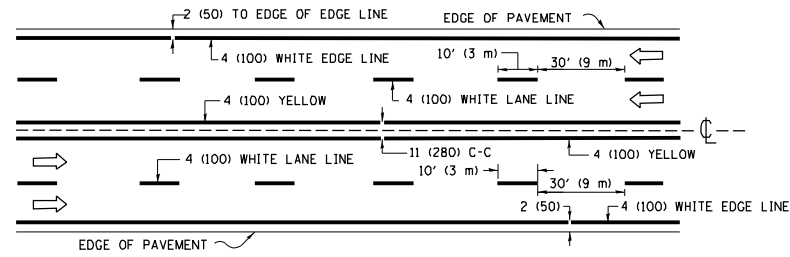
**TRAFFIC CONTROL AND PROTECTION FOR
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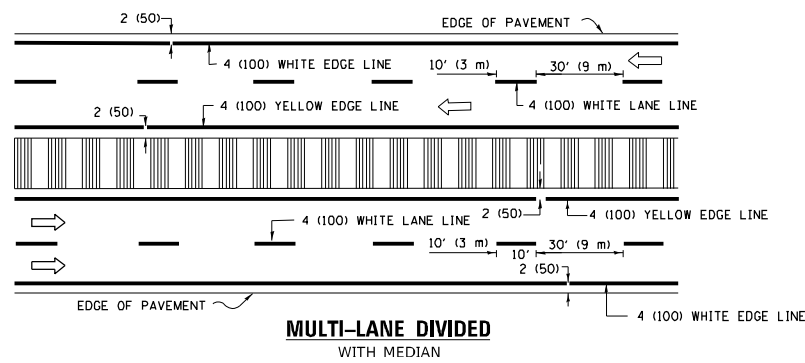
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ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

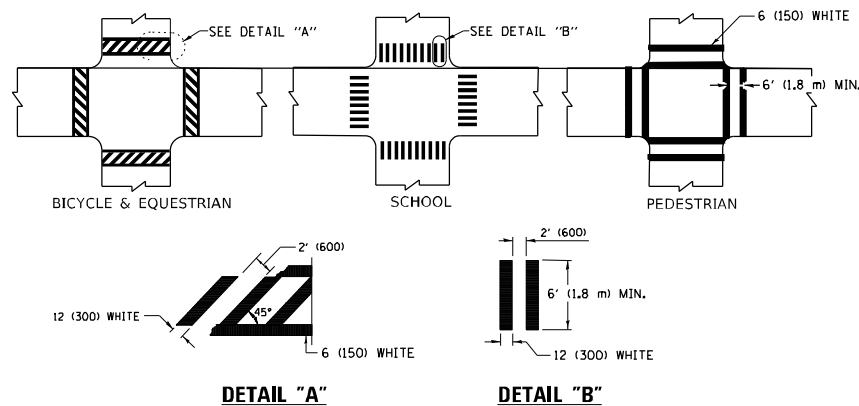


MULTI-LANE UNDIVIDED



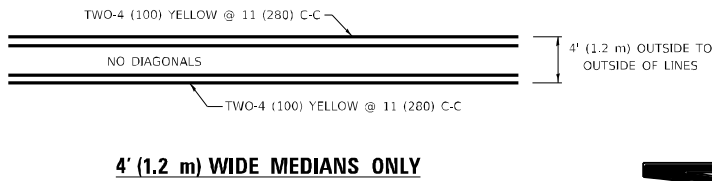
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

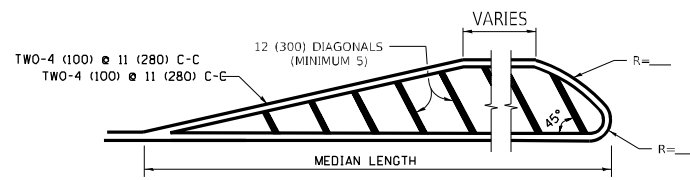


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

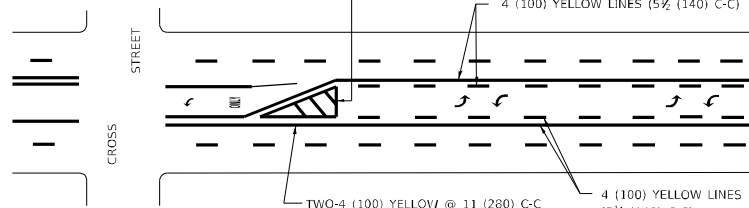


4' (1.2 m) WIDE MEDIANS ONLY

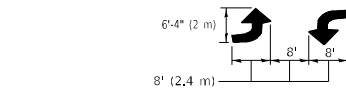


MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

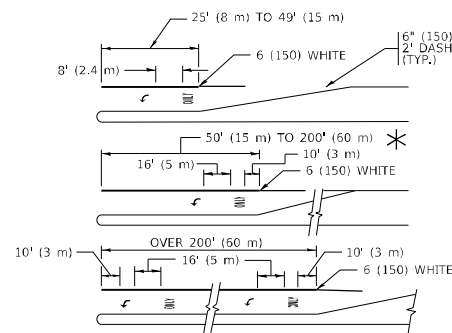


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

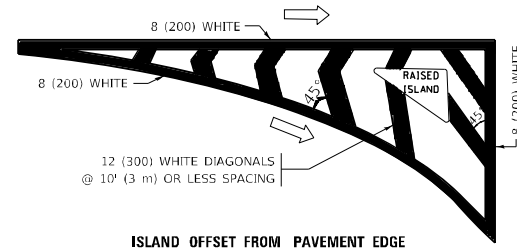


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

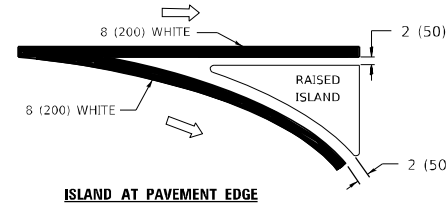
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - *ONLY* INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - *ONLY*.

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

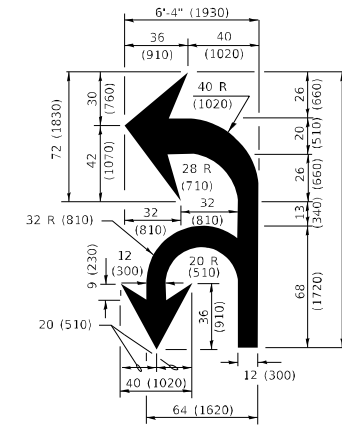


ISLAND OFFSET FROM PAVEMENT EDGE

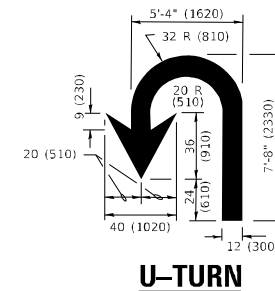


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

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	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000 "/in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VARIOUS DRAINAGE	VARIOUS	136	132
TC-13		CONTRACT NO. 62V08		

MODEL: D:\draft\...
 FILE: 104848...
 MODEL: D:\draft\...
 FILE: 104848...

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

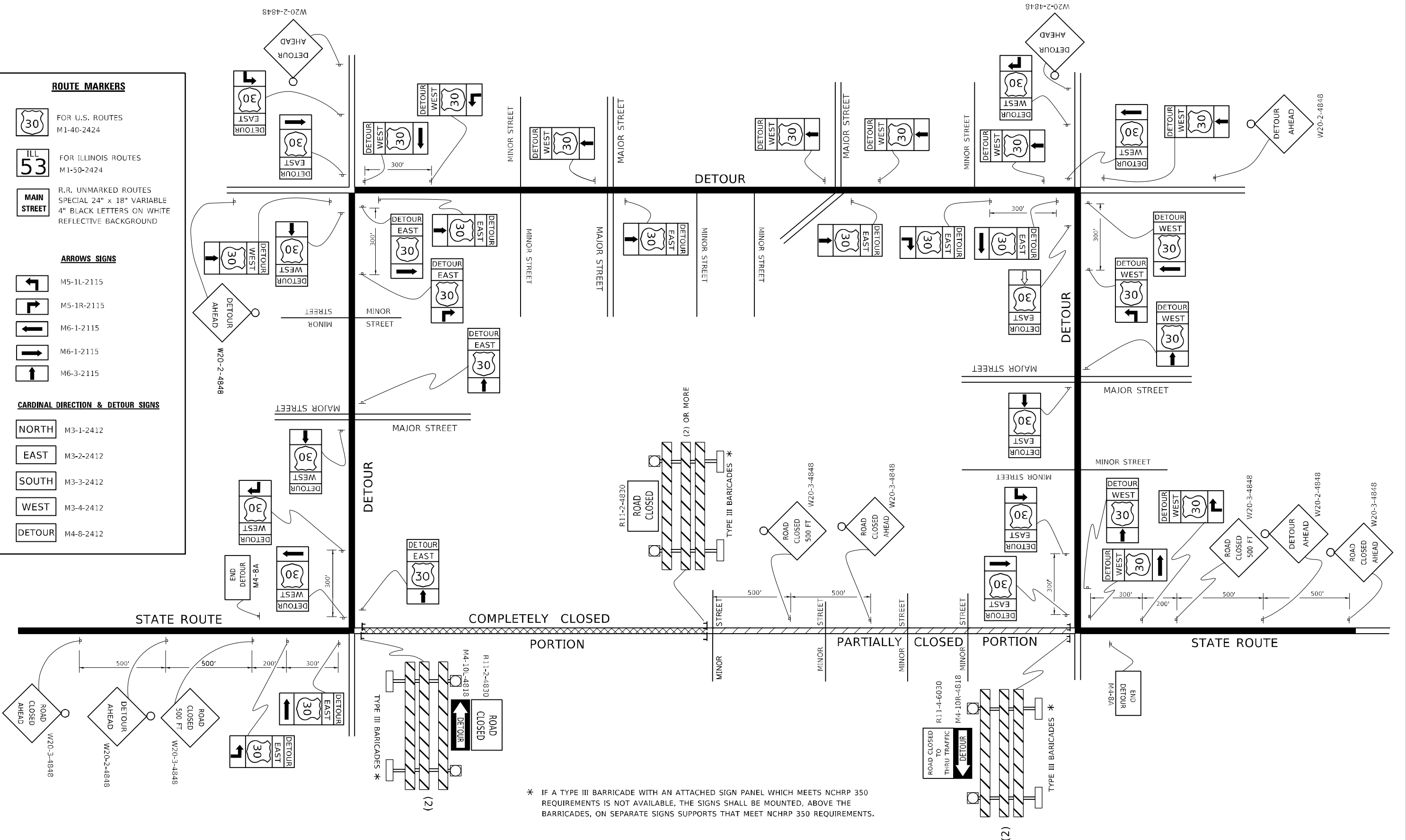
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



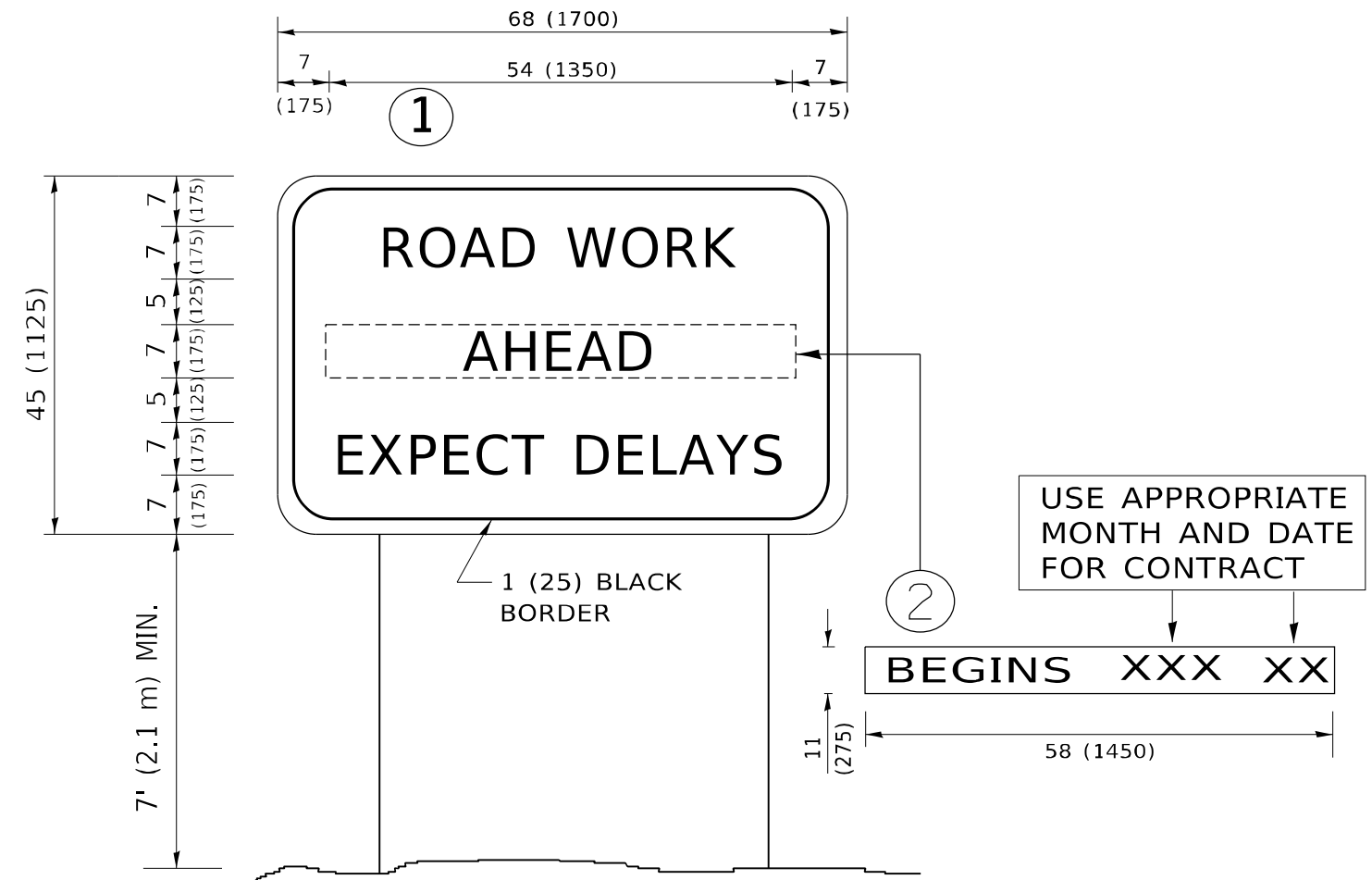
* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

USER NAME = footej	DESIGNED -	REVISED - 10-18-02
	DRAWN -	REVISED - R. BORO 09-14-09
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VARIOUS DRAINAGE	VARIOUS	136	134
TC-21		CONTRACT NO. 62V08		
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: D:\bentl...
 FILE: I:\bentl...
 PROJECT: I:\BENTL\TEC\Illinois\pvt\pvt\DOT\Documents\1\DOT_Offices\Dir\fd1_1\Project\1\1022\23\CADD\Data\CAD\Sheet\1\22.dgn

USER NAME = foote[m]	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VARIOUS DRAINAGE	VARIOUS	136	135
TC-22		CONTRACT NO. 62V08		
ILLINOIS FED. AID PROJECT				

