

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

06-12-2026 LETTING ITEM 213

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

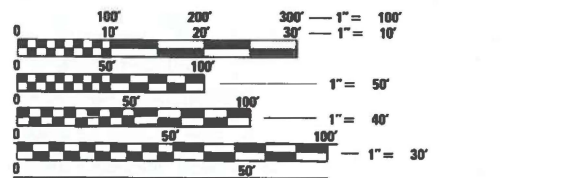
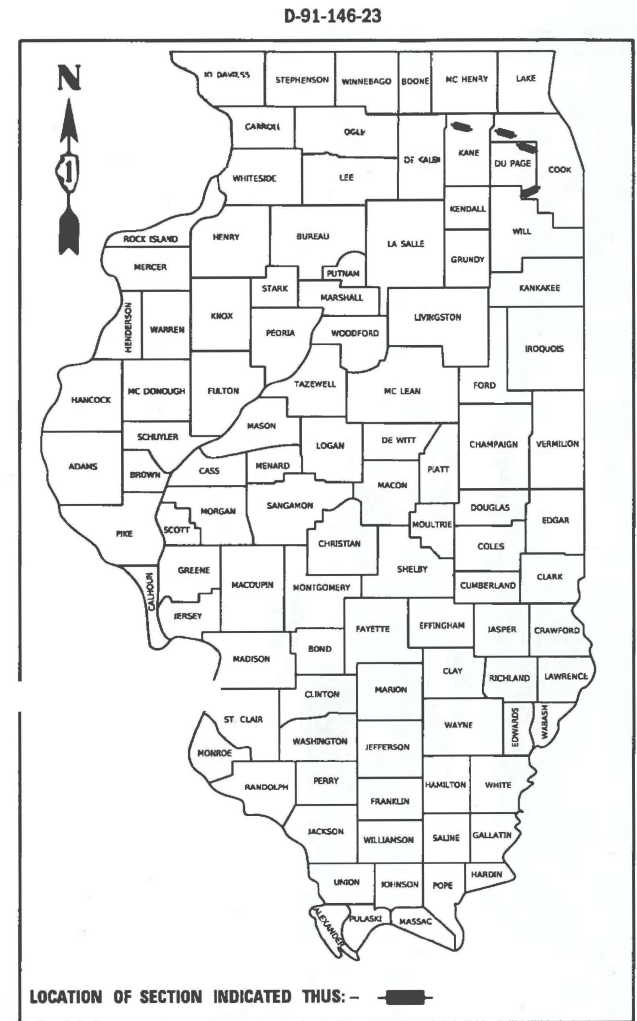
TRAFFIC DATA:
US ROUTE 20 WEST OF IL RTE 47 (OTHER PRINCIPAL ARTERIAL)
2021 ADT = 8,550 VPD
POSTED AND DESIGN SPEED = 55 MPH

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



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



Shiraz Tariq 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
Joseph J. R.
REGIONAL ENGINEER

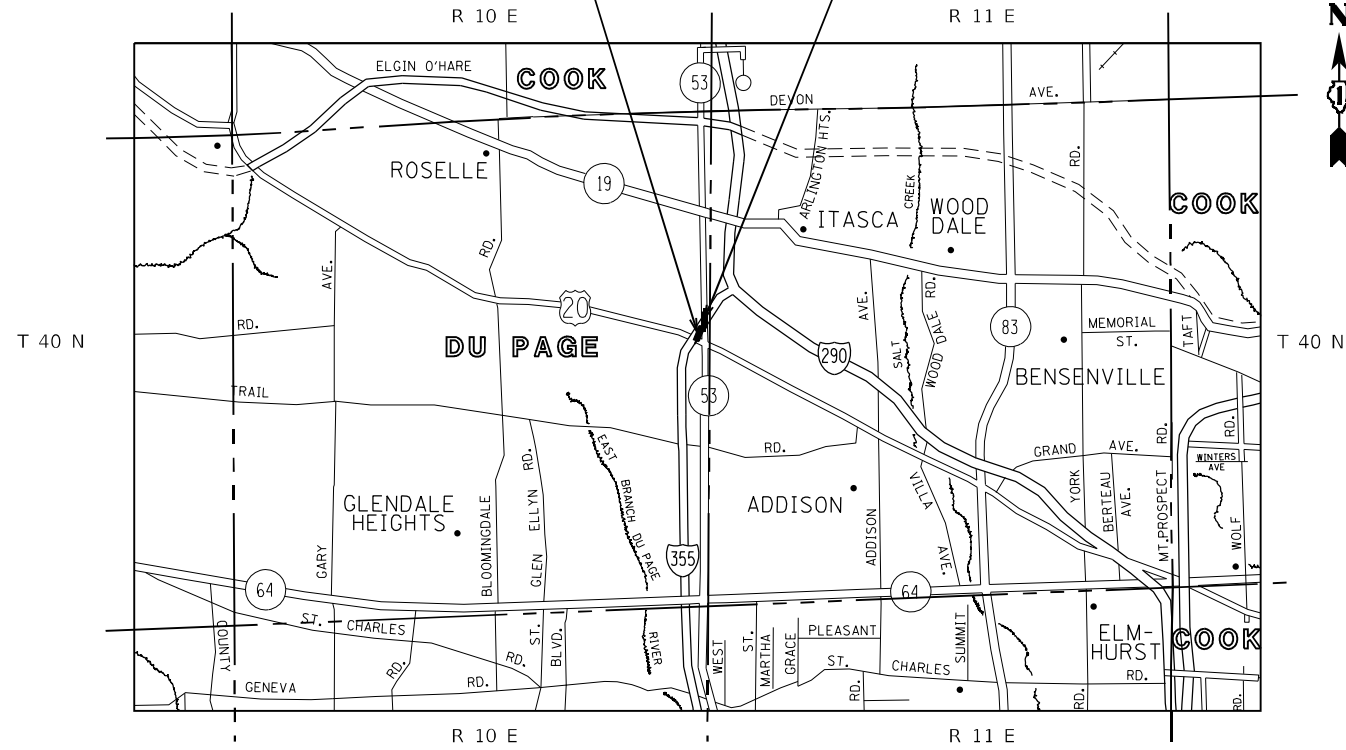
March 20 2026
Scott A. [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

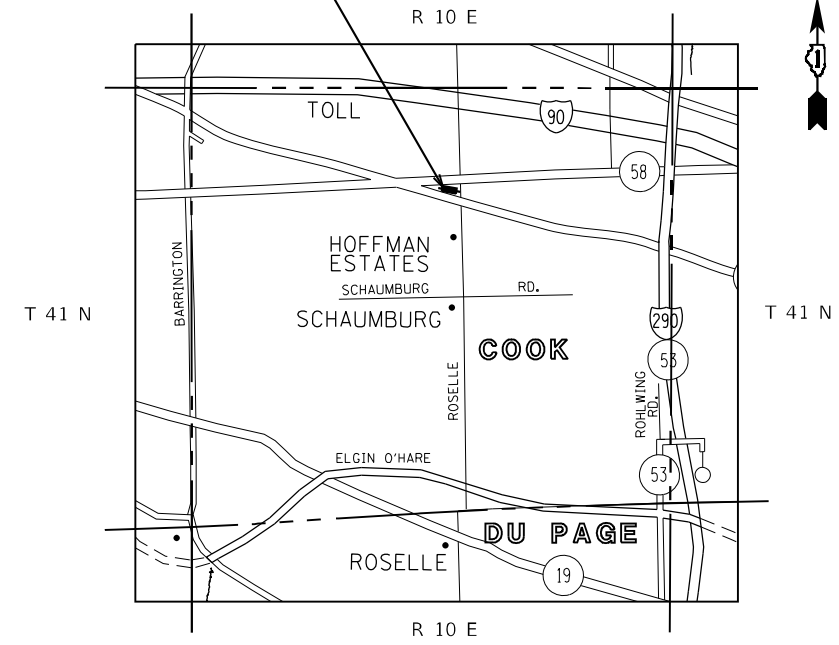
I-355 NB RAMP SITE LOCATIONS
FROM STA. 601+20.79 TO STA. 609+09.87

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**

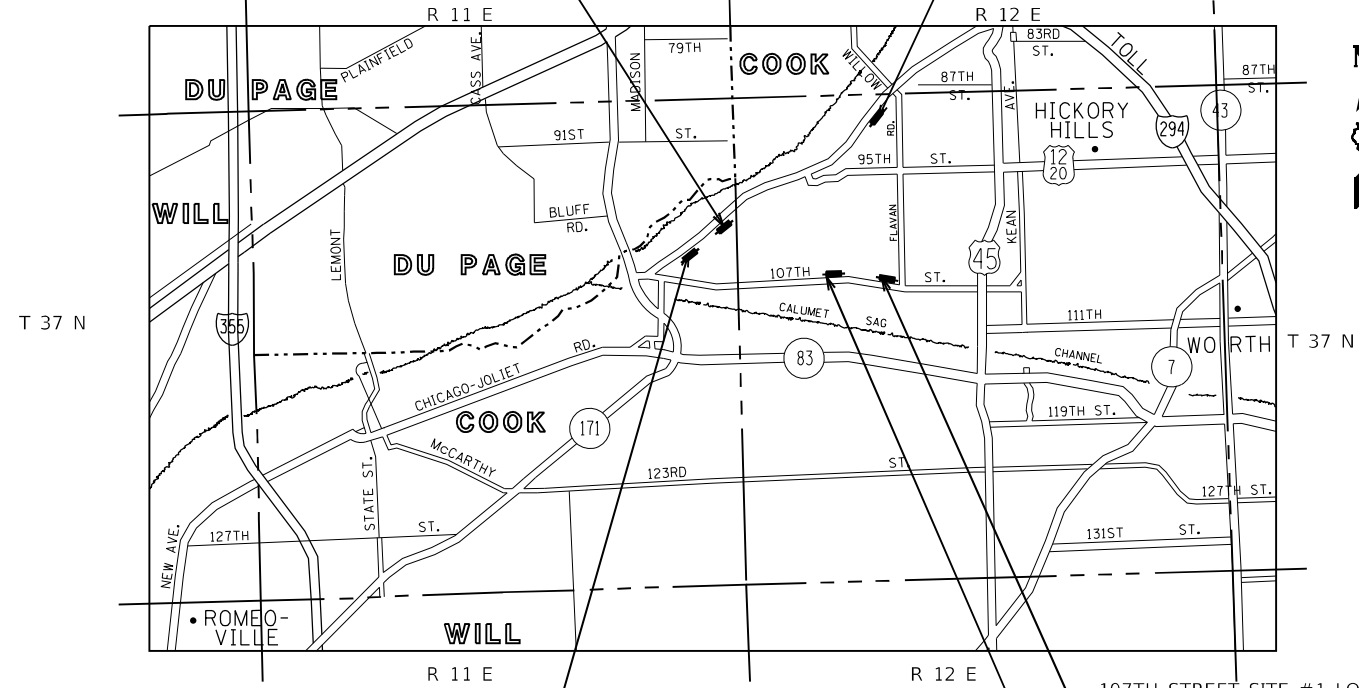
IL RTE 72 SITE LOCATION
FROM STA. 10+46 TO STA. 20+13



**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

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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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	USER NAME = USKE715271	DESIGNED - MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, LIST OF HIGHWAY STANDARDS & GENERAL NOTES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / in.	DRAWN - MM	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	CHECKED - KE	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - 03/10/2026	REVISED -										

MODEL: Default
 FILE NAME: p:\wsp-us-pw-bentley.com\wsp-us-pw-illinois\Documents\Project_2050082306 - 15683 Drainage Improvements\CAD Sheets\134720-ph-500-001.dgn

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	625		625		
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	1,018	630	388		

* 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	535	448	3	84	
28100109	STONE RIPRAP, CLASS A5	SQ YD	564		564		
28200200	FILTER FABRIC	SQ YD	1,553	1,078	391	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	3		3		
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
 PLOT SCALE = 40.0000 ' / in.
 PLOT DATE = 2/1/2026

DESIGNED - MM
 DRAWN - MM
 CHECKED - KE
 DATE - 01/28/2026

REVISED -
 REVISED -
 REVISED -
 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		

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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
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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PLOT DATE = 2/1/2026	CHECKED - KE	REVISED -
	DATE - 01/28/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	5
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		CULVERT			
0004		0004		0004			
URBAN		URBAN		URBAN			
X6640104	FENCE REMOVAL	FOOT	92		0	92	
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	4	4	2	2
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	151.7	25.70	25.70	25.70	74.60
* X7200203	DETOUR SIGNING	L SUM	1				1
* X7240205	REMOVE SIGN COMPLETE	EACH	1	1			
* X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	6	6			
* X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3				3.00
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.50	0.25	0.25	
Z0018300	DRAINAGE STRUCTURE REPAIR	EACH	1			1.00	
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	1	1			
Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	2			2	
Z0054406	ROCK FILL - FOUNDATION	CU YD	104				104
60905305	BOX CULVERTS TO BE CLEANED	FOOT	194	194			
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500			
60905305	BOX CULVERTS TO BE CLEANED	FOOT	194		194		

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		CULVERT			
0004		0004		0004			
URBAN		URBAN		URBAN			

* SPECIALTY ITEM

* SPECIALTY ITEM

∅ 0042

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		DATE - 01/28/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	6
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

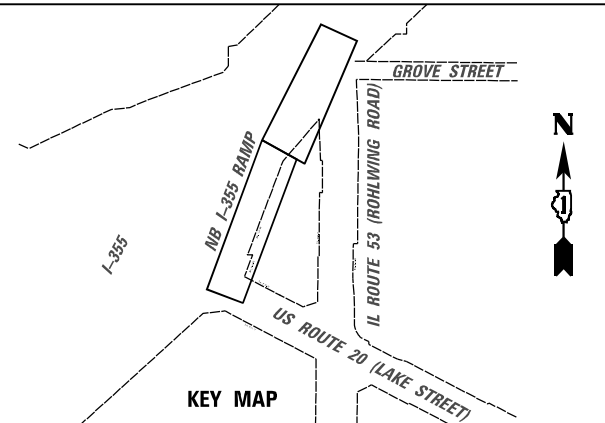
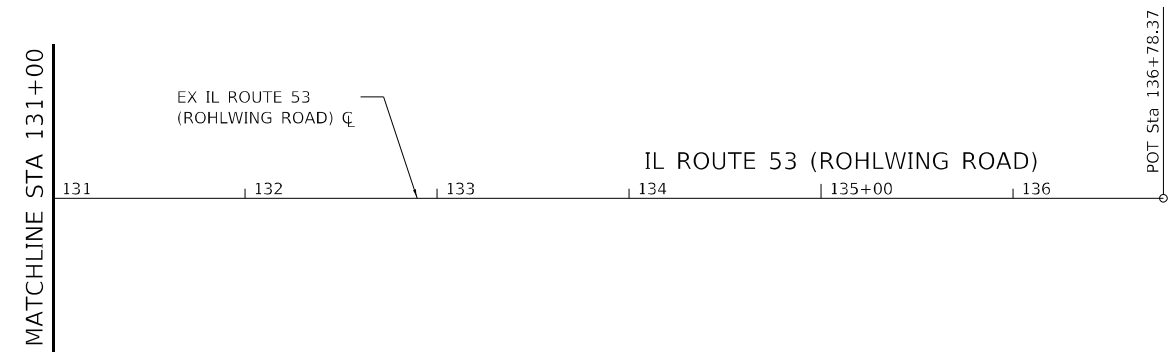
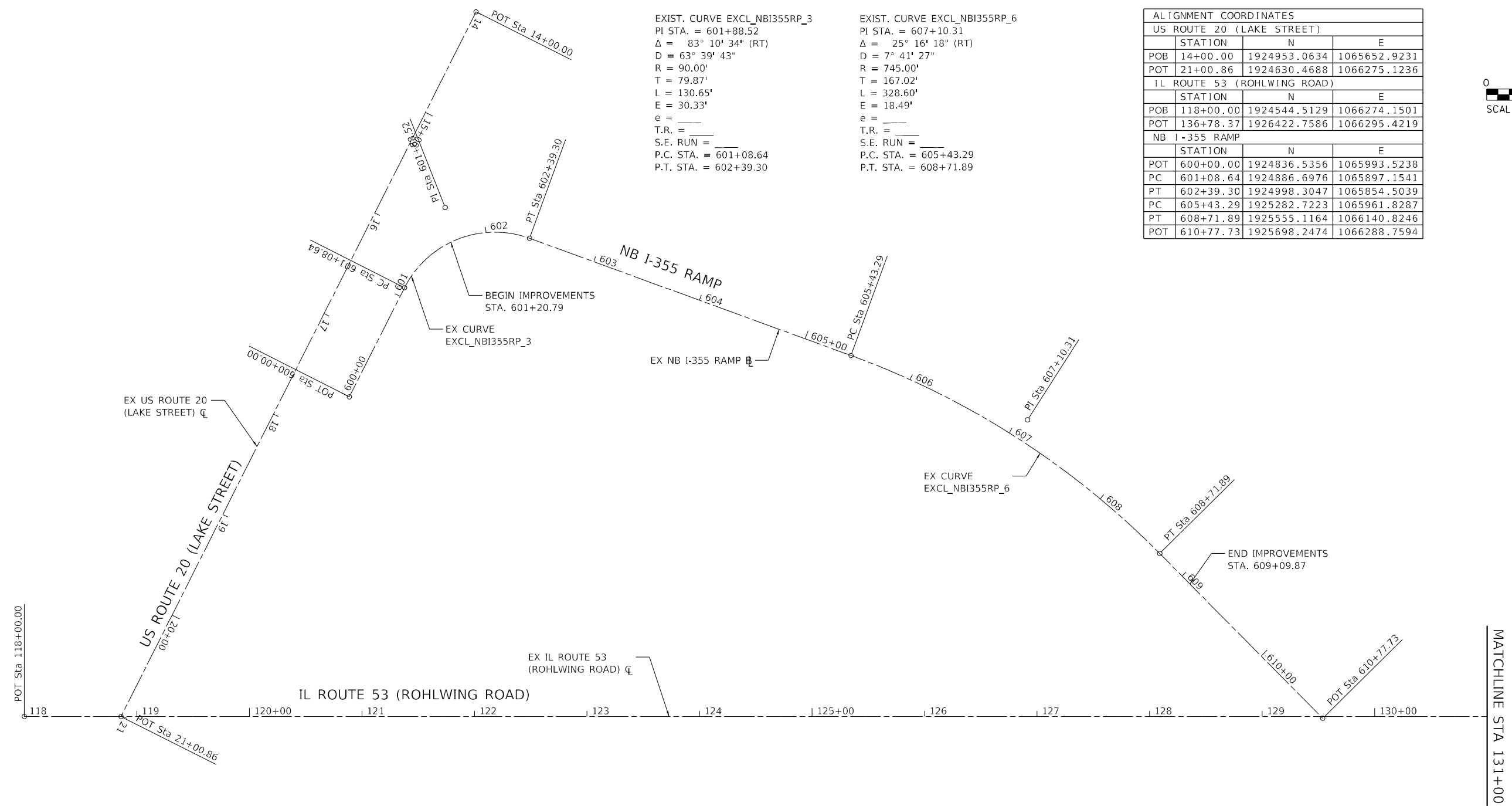
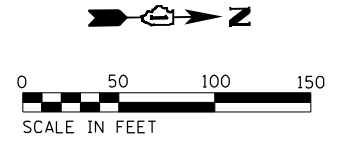
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REV-SEP

EXIST. CURVE EXCL_NBI355RP_3
 PI STA. = 601+88.52
 $\Delta = 83^\circ 10' 34''$ (RT)
 $D = 63^\circ 39' 43''$
 $R = 90.00'$
 $T = 79.87'$
 $L = 130.65'$
 $E = 30.33'$
 $e = ______$
 $T.R. = ______$
 $S.E. RUN = ______$
 $P.C. STA. = 601+08.64$
 $P.T. STA. = 602+39.30$

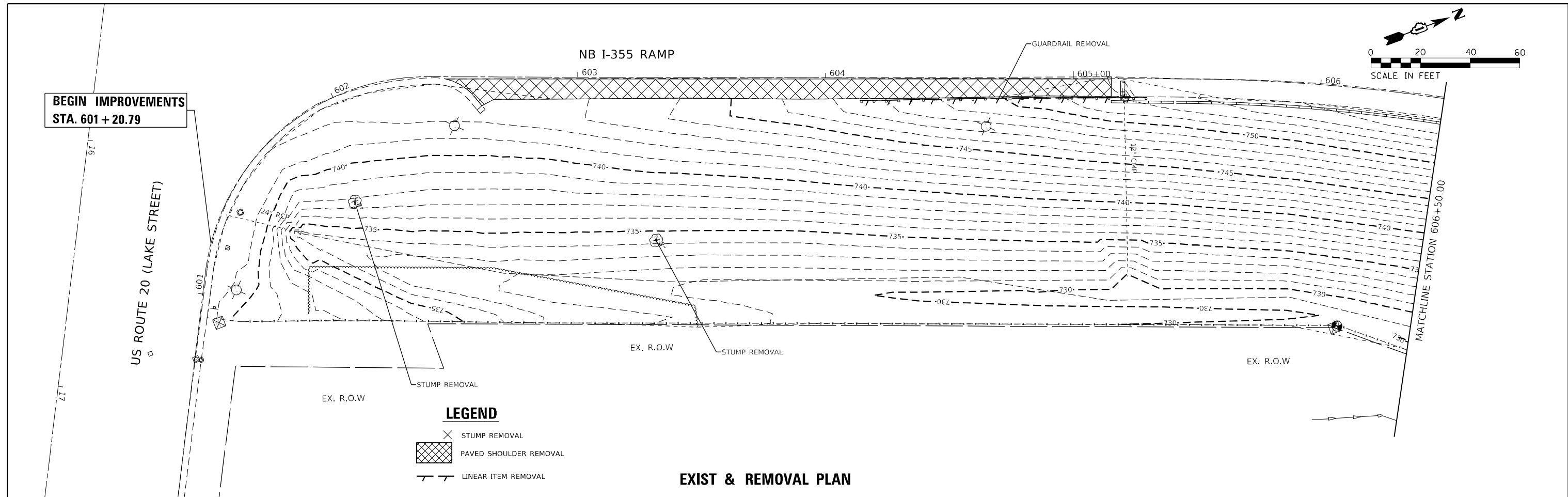
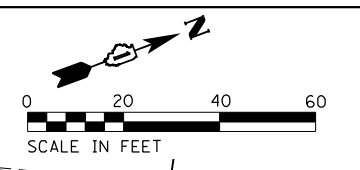
EXIST. CURVE EXCL_NBI355RP_6
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 $D = 7^\circ 41' 27''$
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 $T = 167.02'$
 $L = 328.60'$
 $E = 18.49'$
 $e = ______$
 $T.R. = ______$
 $S.E. RUN = ______$
 $P.C. STA. = 605+43.29$
 $P.T. STA. = 608+71.89$

ALIGNMENT COORDINATES			
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	
PT 608+71.89	1925555.1164	1066140.8246	
POT 610+77.73	1925698.2474	1066288.7594	

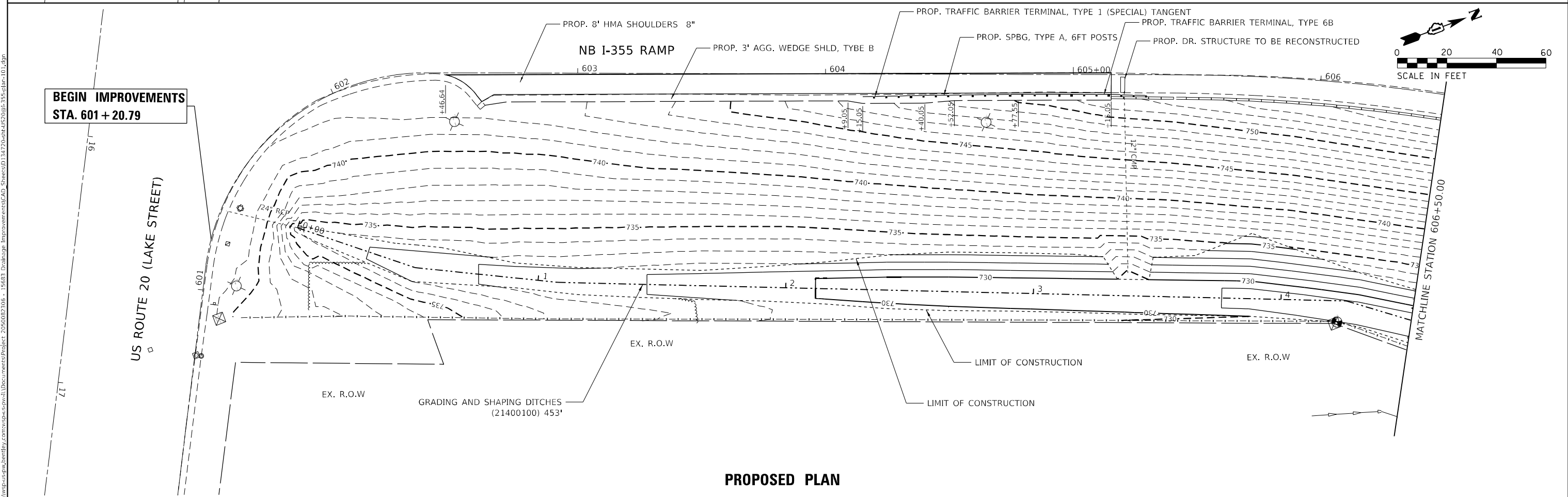
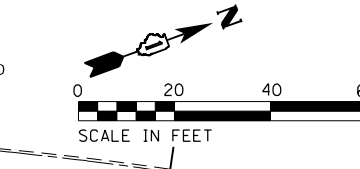


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	PLOT SCALE = 100,0000' / in.	CHECKED - KE	REVISED -			SCALE: 1"=50'	SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 62V08			
PLOT DATE = 12/8/2025	DATE = 12/10/2025	REVISED -	ILLINOIS FED. AID PROJECT									



EXIST & REMOVAL PLAN



PROPOSED PLAN

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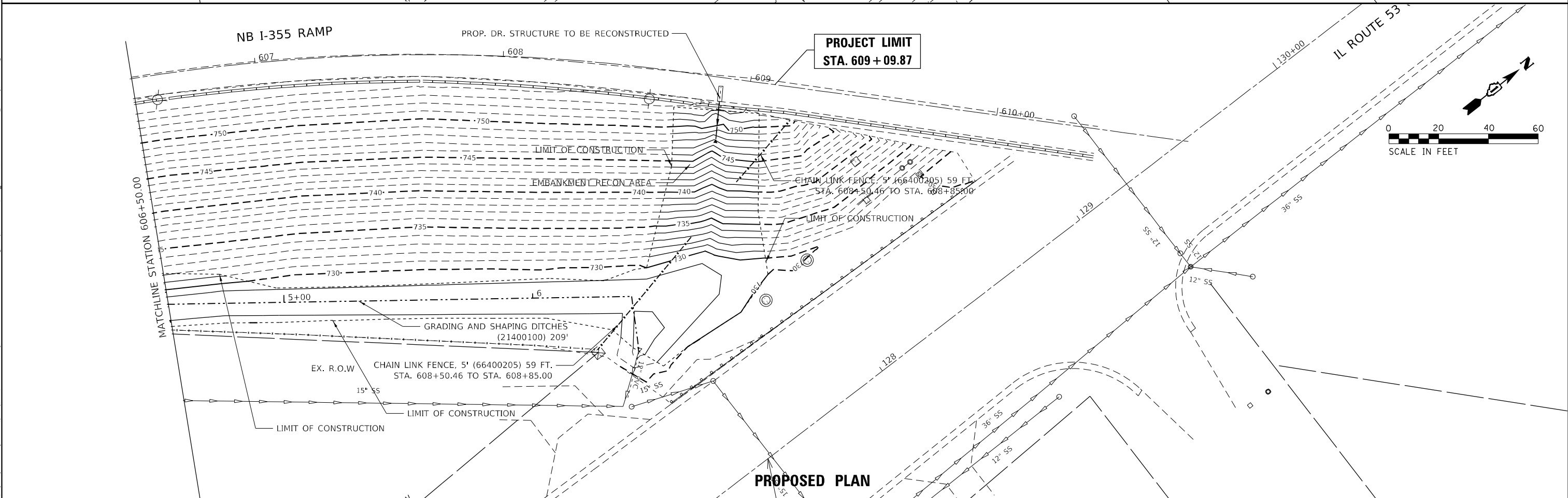
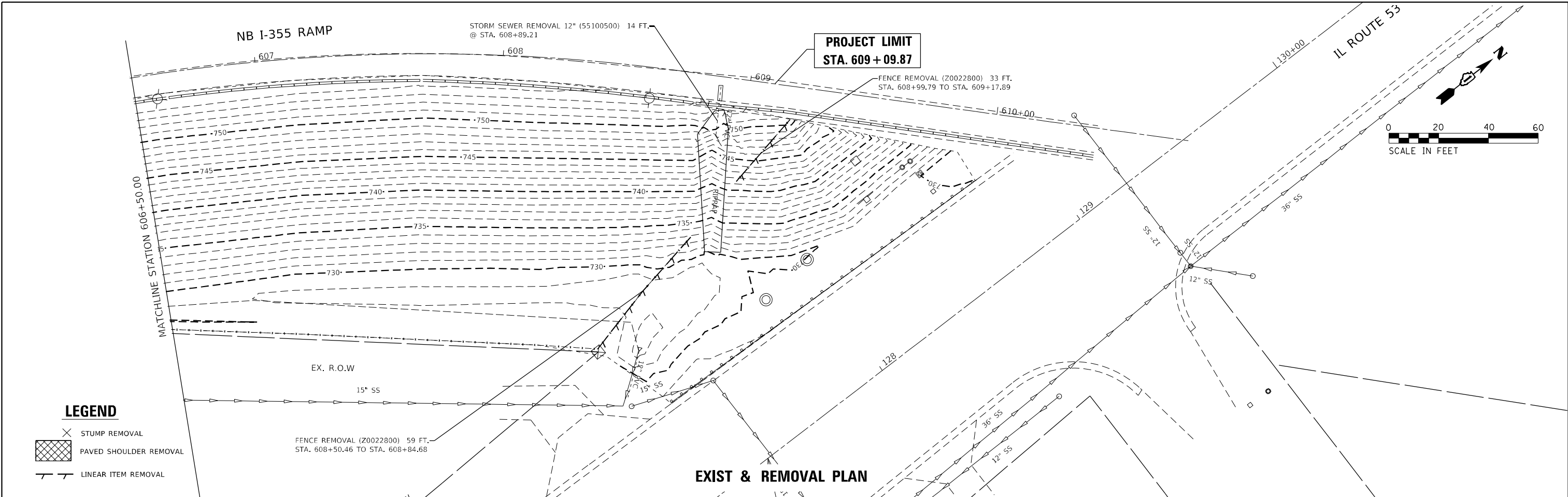
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PLOT DATE = 1/23/2026	DATE - 12/10/2025	REVISED -

**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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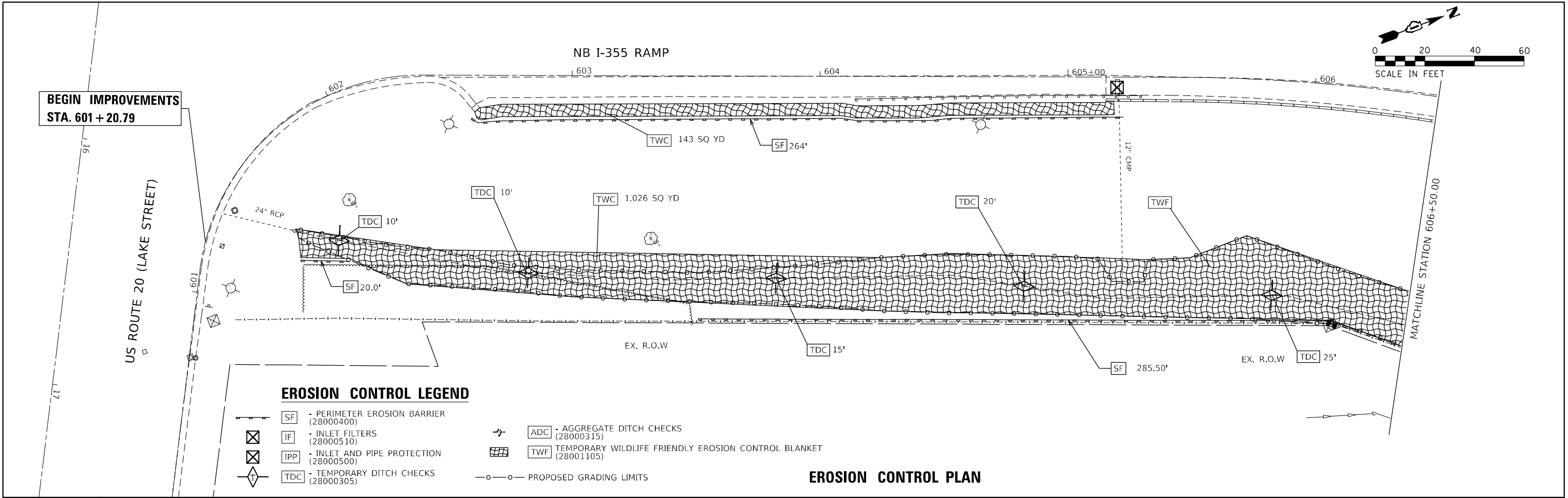
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	DATE - 12/10/2025	REVISED -

**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

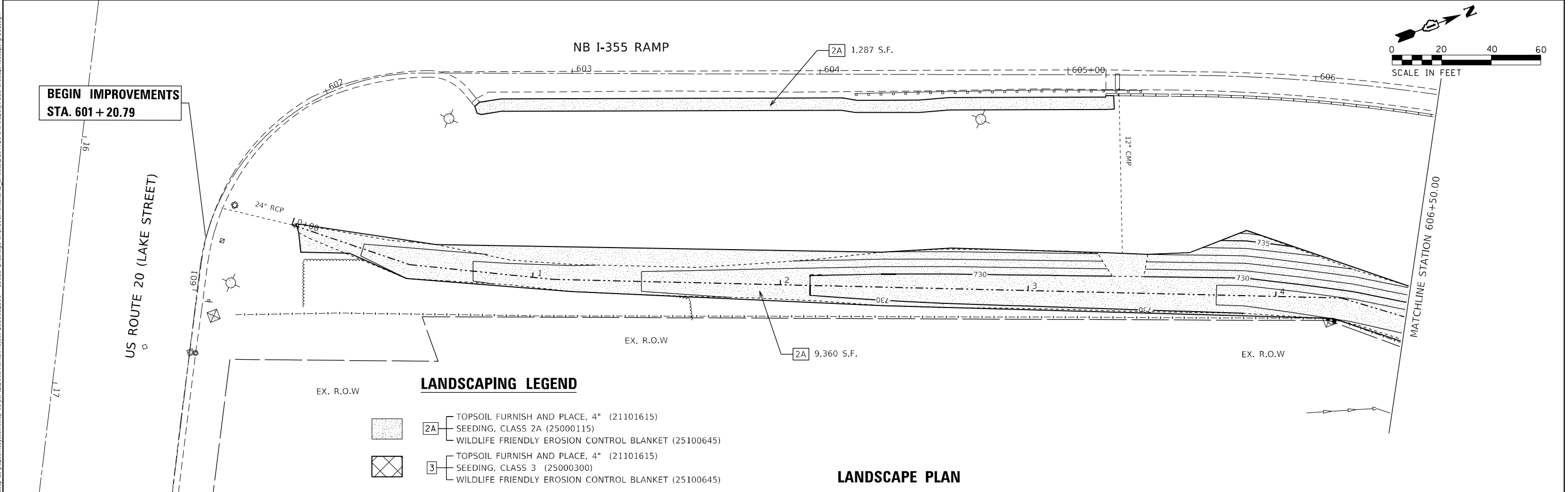
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	2023 VAR DRAINAGE	DUPAGE	136	9
				CONTRACT NO. 62V08
ILLINOIS FED. AID PROJECT				



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

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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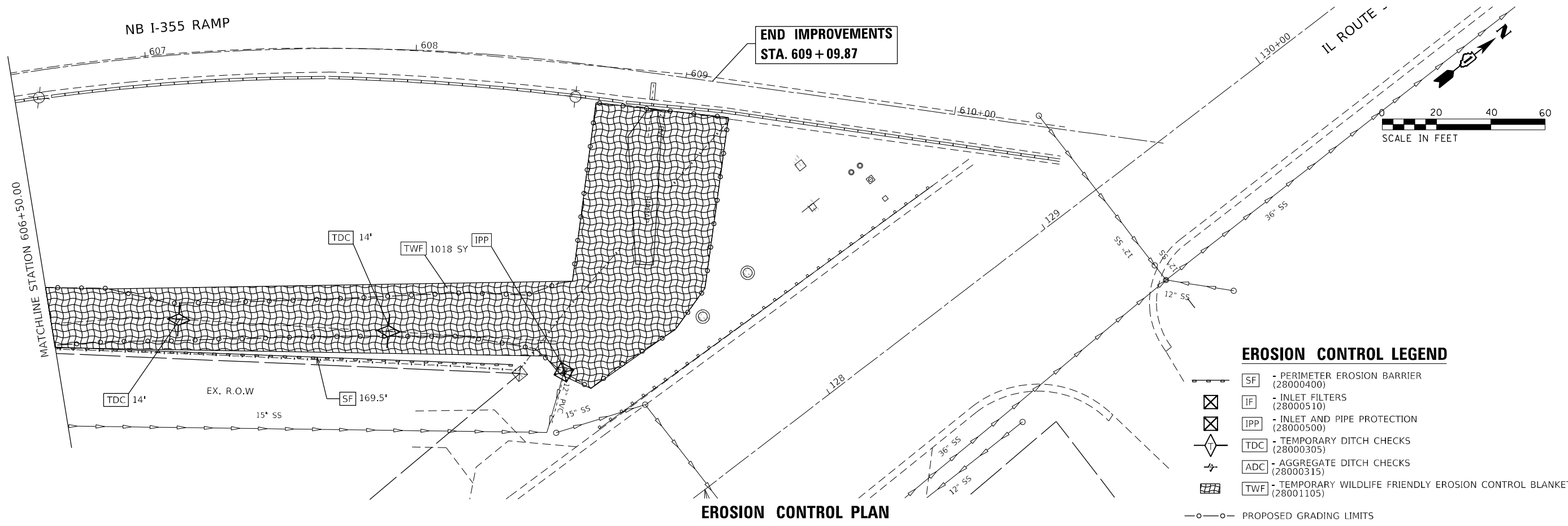
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	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

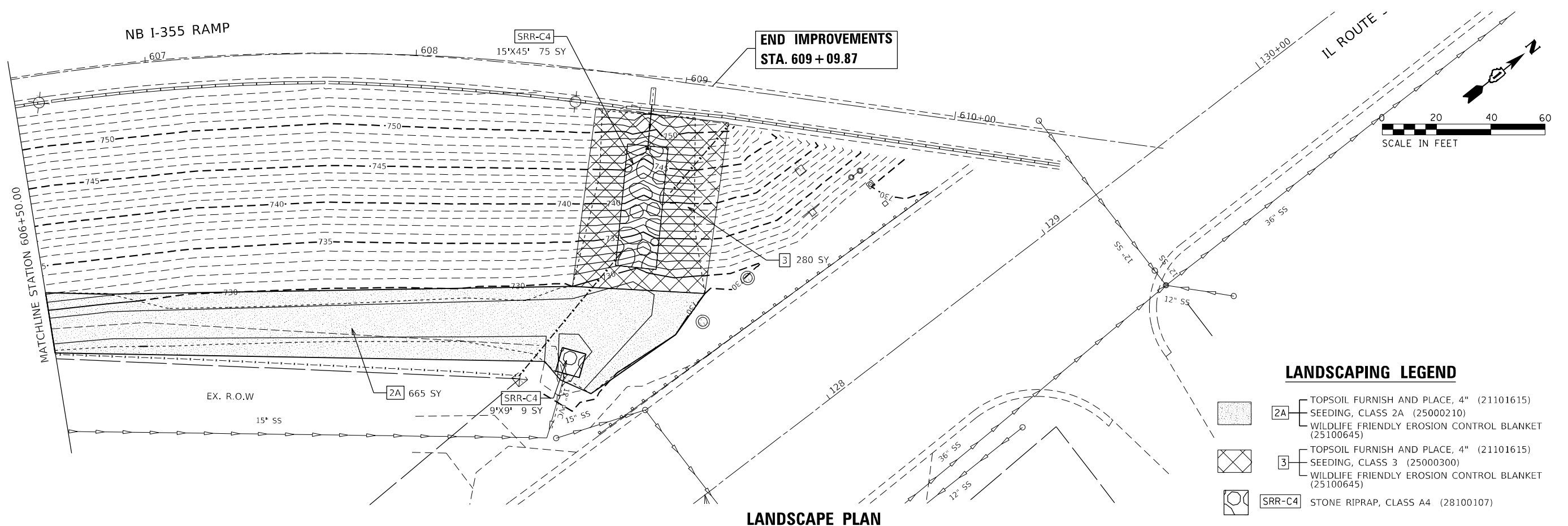
**US ROUTE 20 WEST OF IL 47
EROSION CONTROL & LANDSCAPE PLAN**

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				



- 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



- LANDSCAPING LEGEND**
- [2A] TOPSOIL FURNISH AND PLACE, 4" (21101615)
SEEDING, CLASS 2A (25000210)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
 - [3] TOPSOIL FURNISH AND PLACE, 4" (21101615)
SEEDING, CLASS 3 (25000300)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645)
 - [SRR-C4] STONE RIPRAP, CLASS A4 (28100107)

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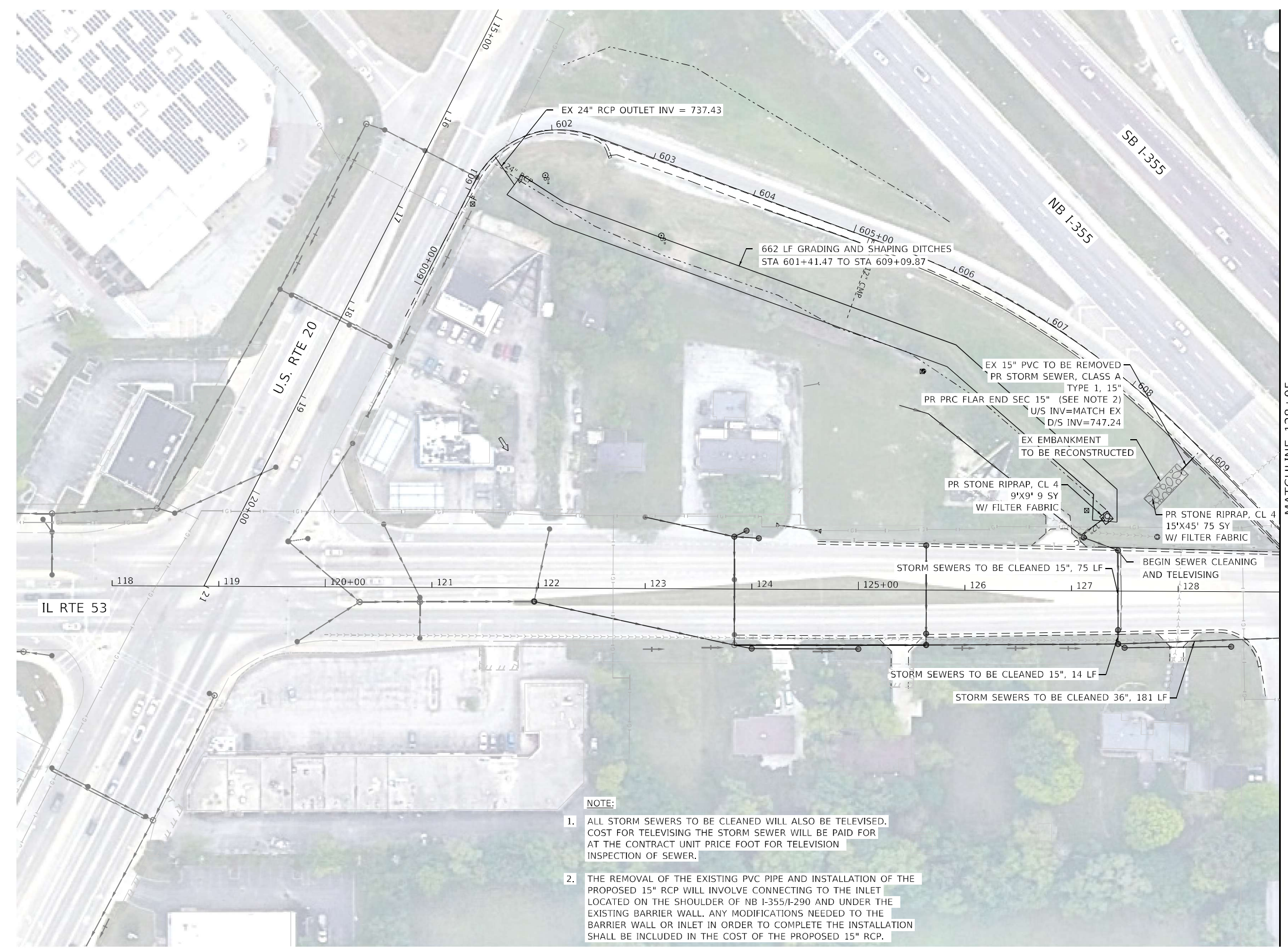
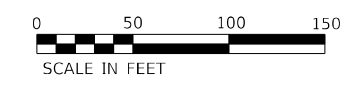
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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 TELEVISING 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.

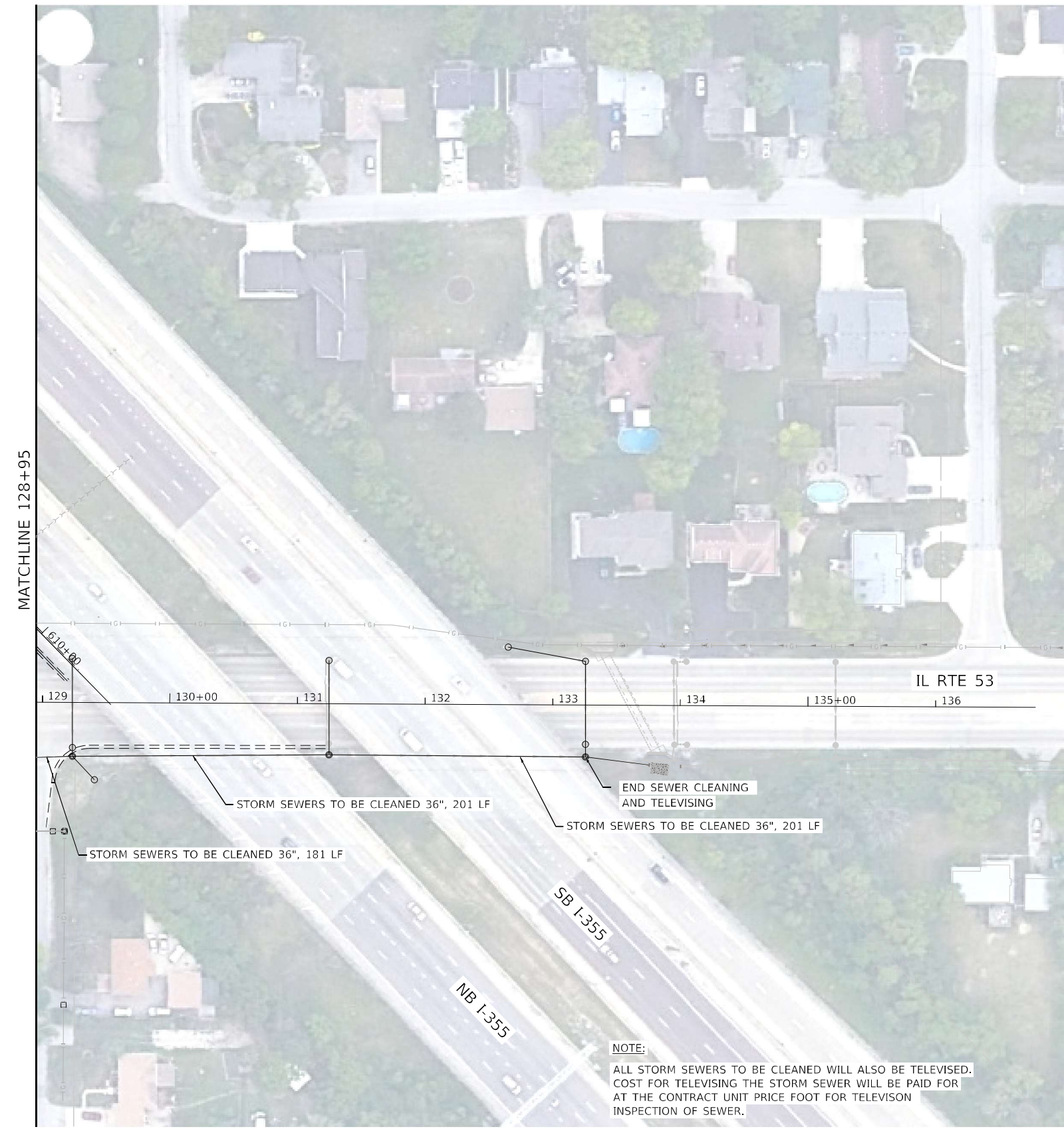
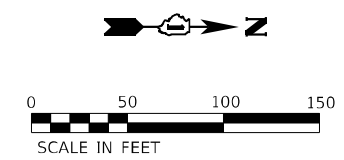


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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				



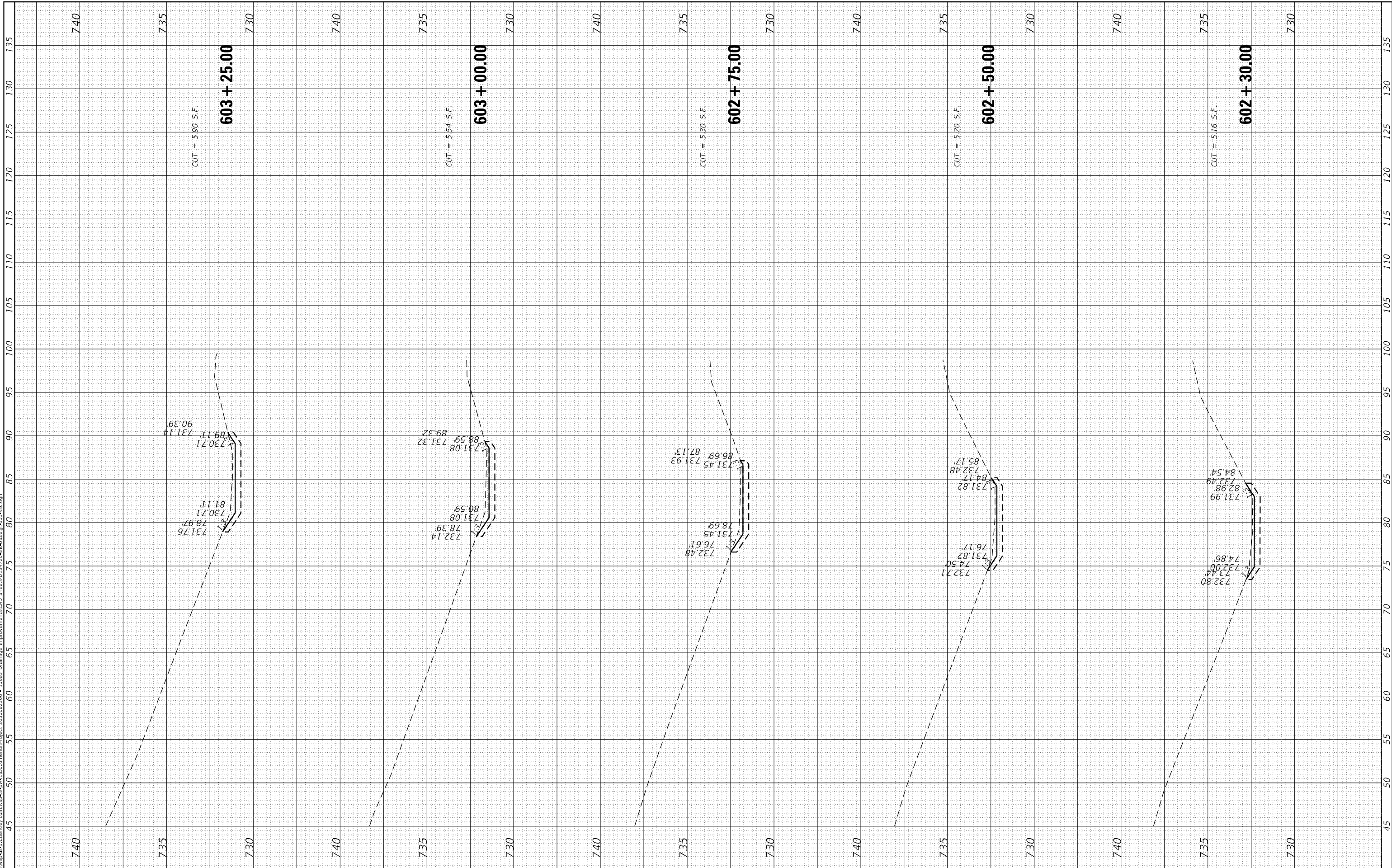
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	13
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

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

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

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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**

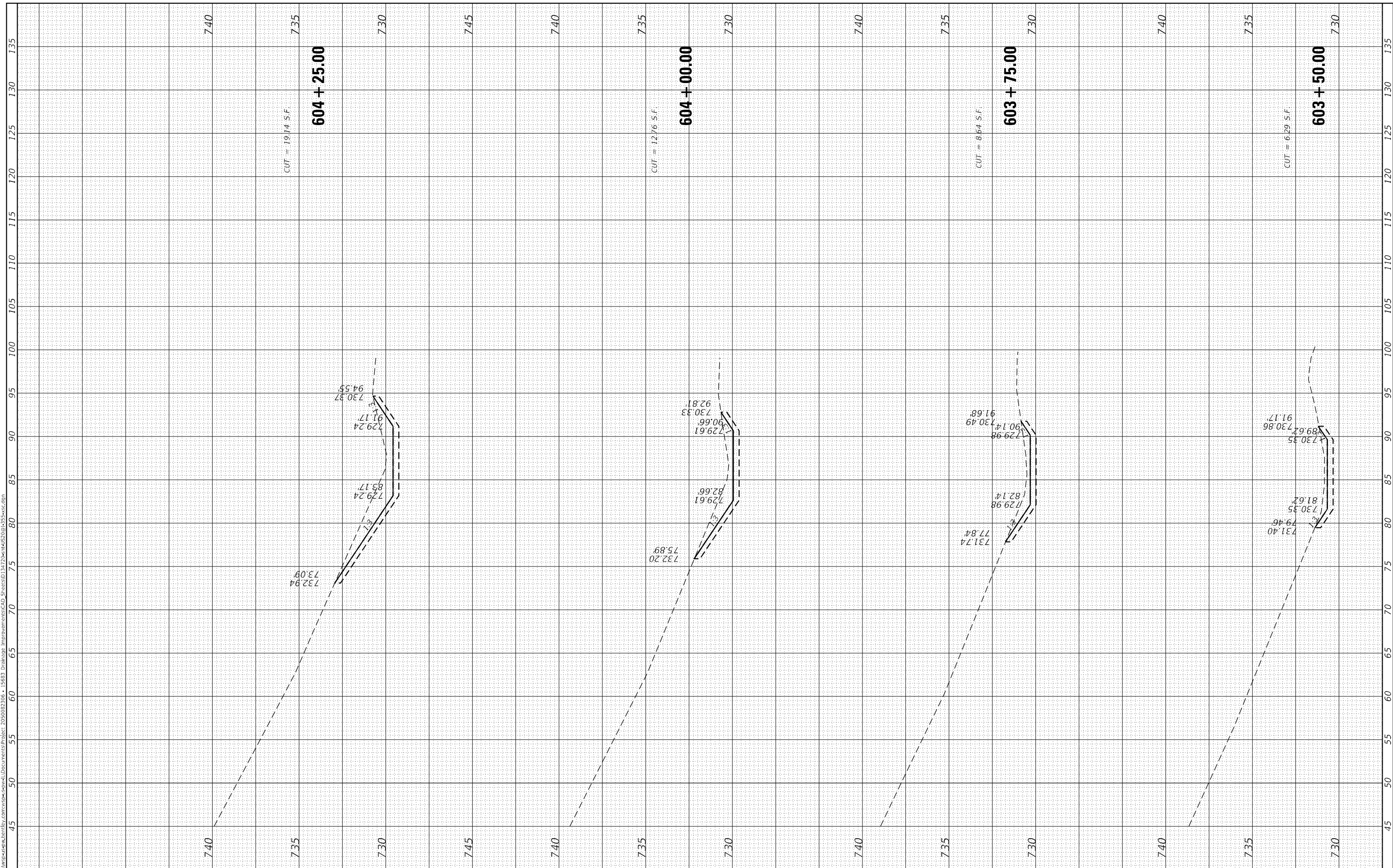
SCALE: $\frac{1}{4}'' = 10'$
 $\frac{1}{8}'' = 5'$ SHEET 1 OF 7 SHEETS STA. 602+30.00 TO STA. 603+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	14
			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

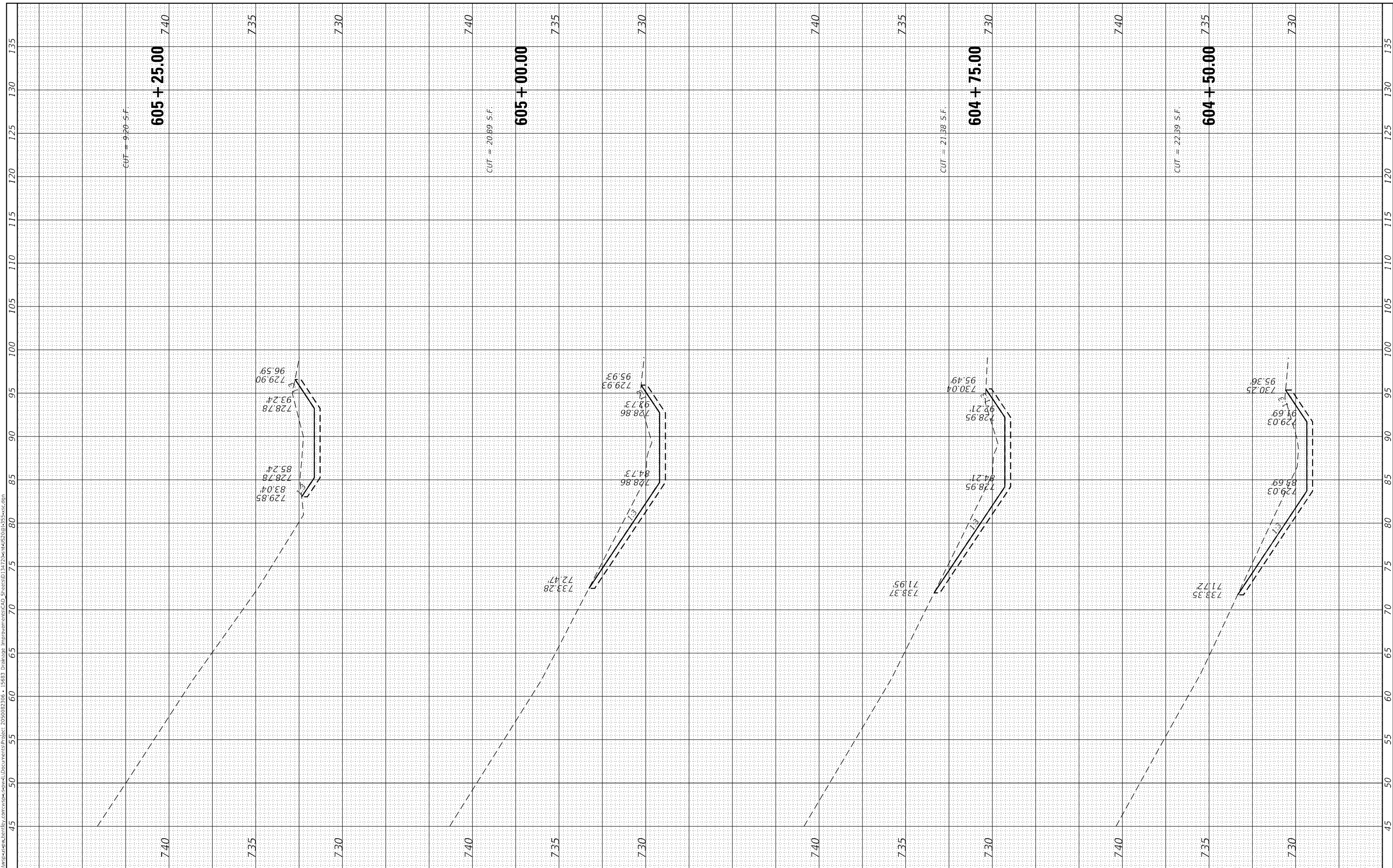
SCALE: $\frac{1}{4}'' = 10'$
 $\frac{1}{8}'' = 5'$ SHEET 2 OF 7 SHEETS STA. 603+50.00 TO STA. 604+25.00

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

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

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

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

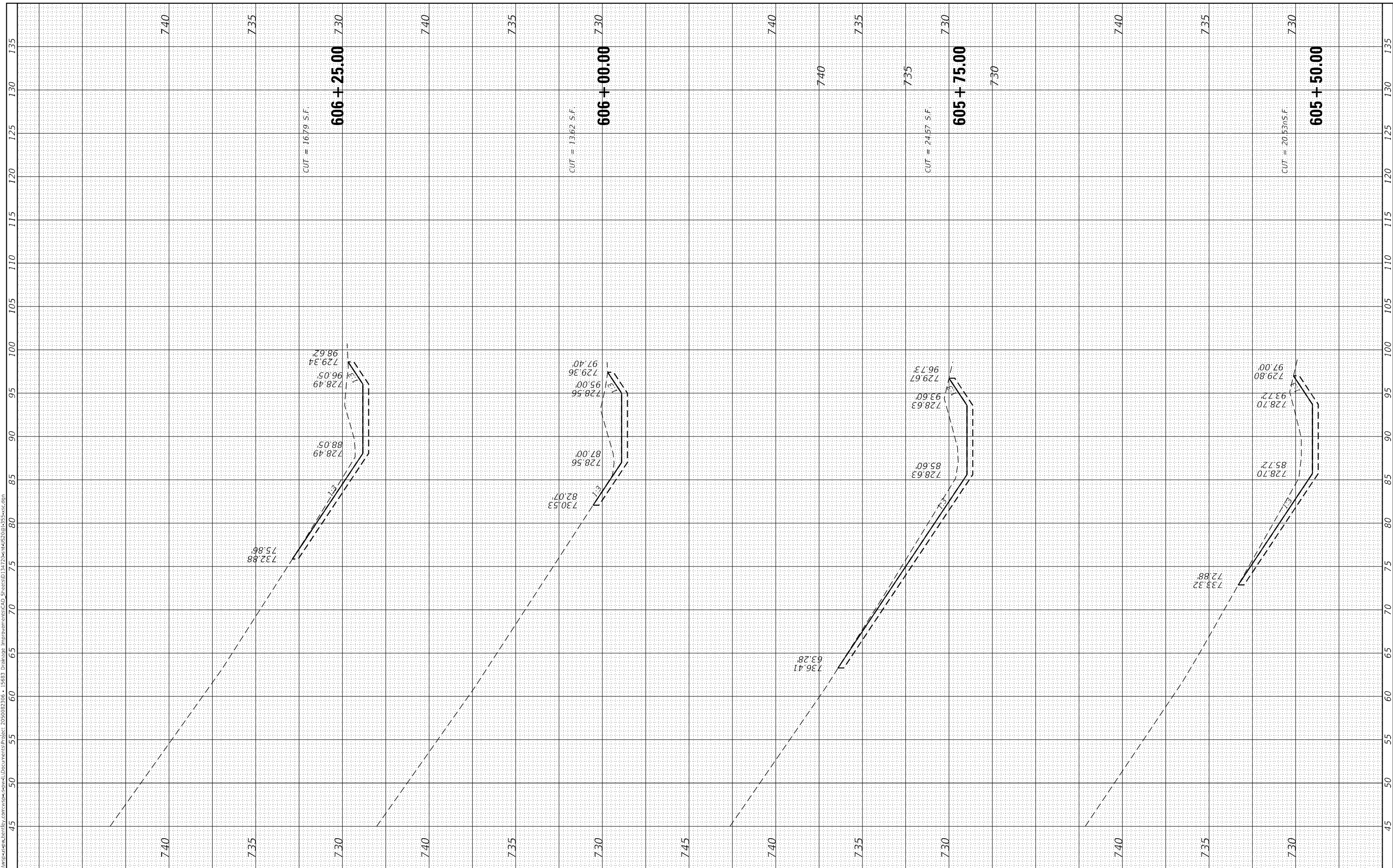
SCALE: H: 1"=100'
 V: 1"=5'
 SHEET 3 OF 7 SHEETS STA. 604+50.00 TO STA. 605+25.00

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

REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

740

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

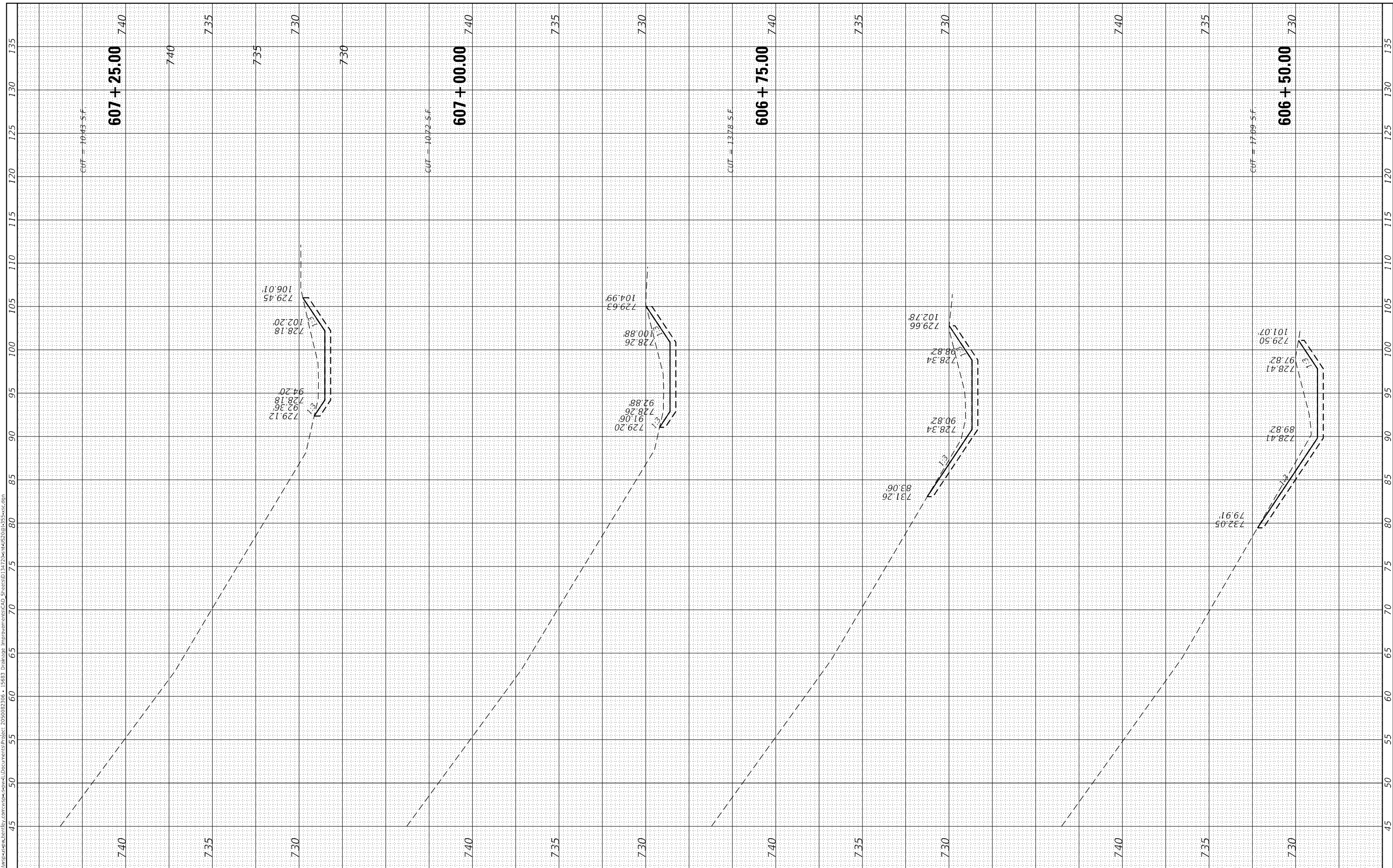
SCALE: H: 1"=100'
 V: 1"=5'
 SHEET 4 OF 7 SHEETS STA. 605+50.00 TO STA. 606+25.00

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

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PROJECT NAME = USMM717315
DESIGNED
DRAWN
CHECKED
DATE

REVISIONS
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REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

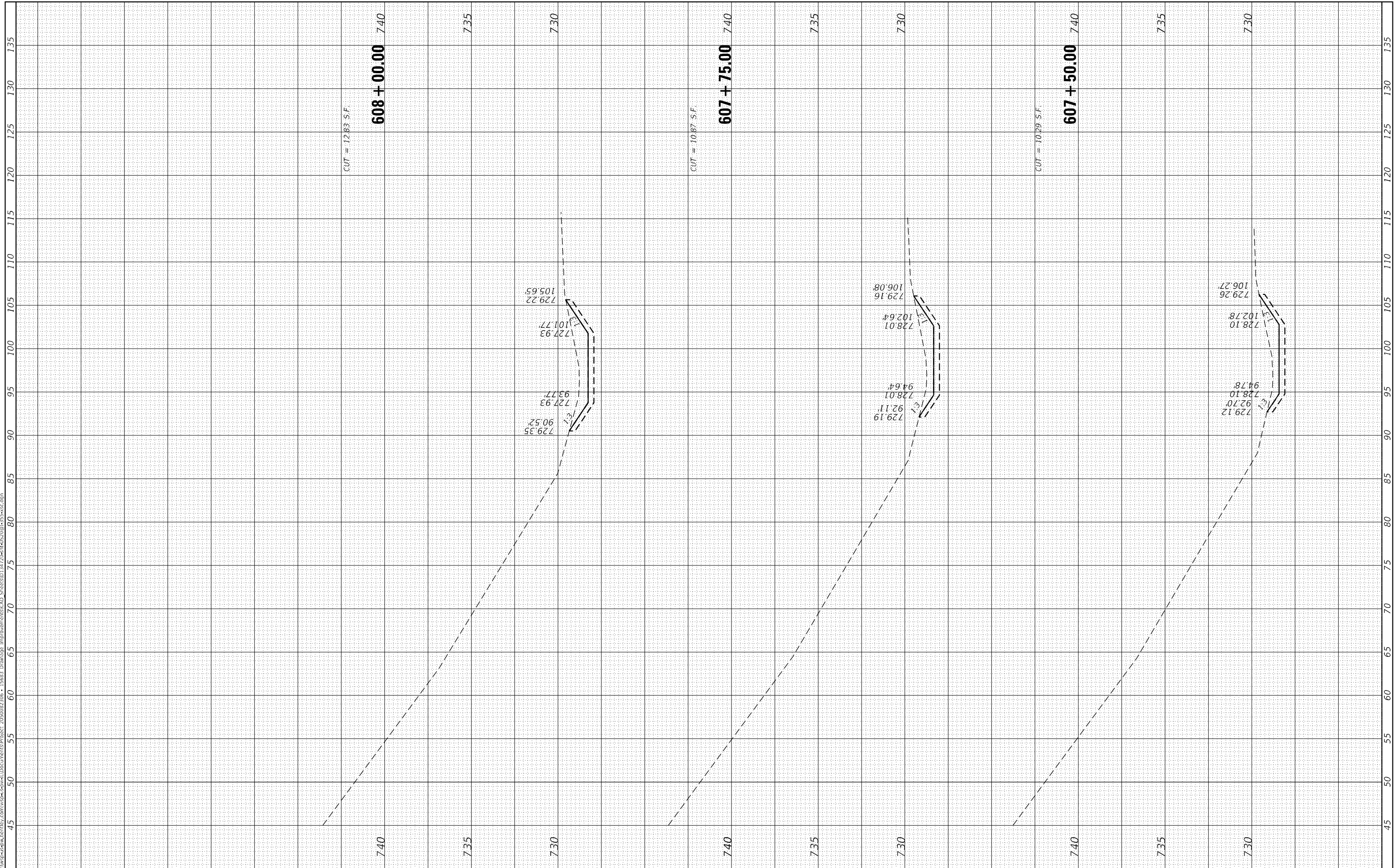
SCALE: $\frac{1}{4}'' = 10'$
 $\frac{1}{8}'' = 5'$ SHEET 5 OF 7 SHEETS STA. 606+50.00 TO STA. 607+25.00

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
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AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
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AREAS CHECKED	TEMPLATE		
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PLOT DATE = 12/5/2025	CHECKED -
	DATE -

REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS

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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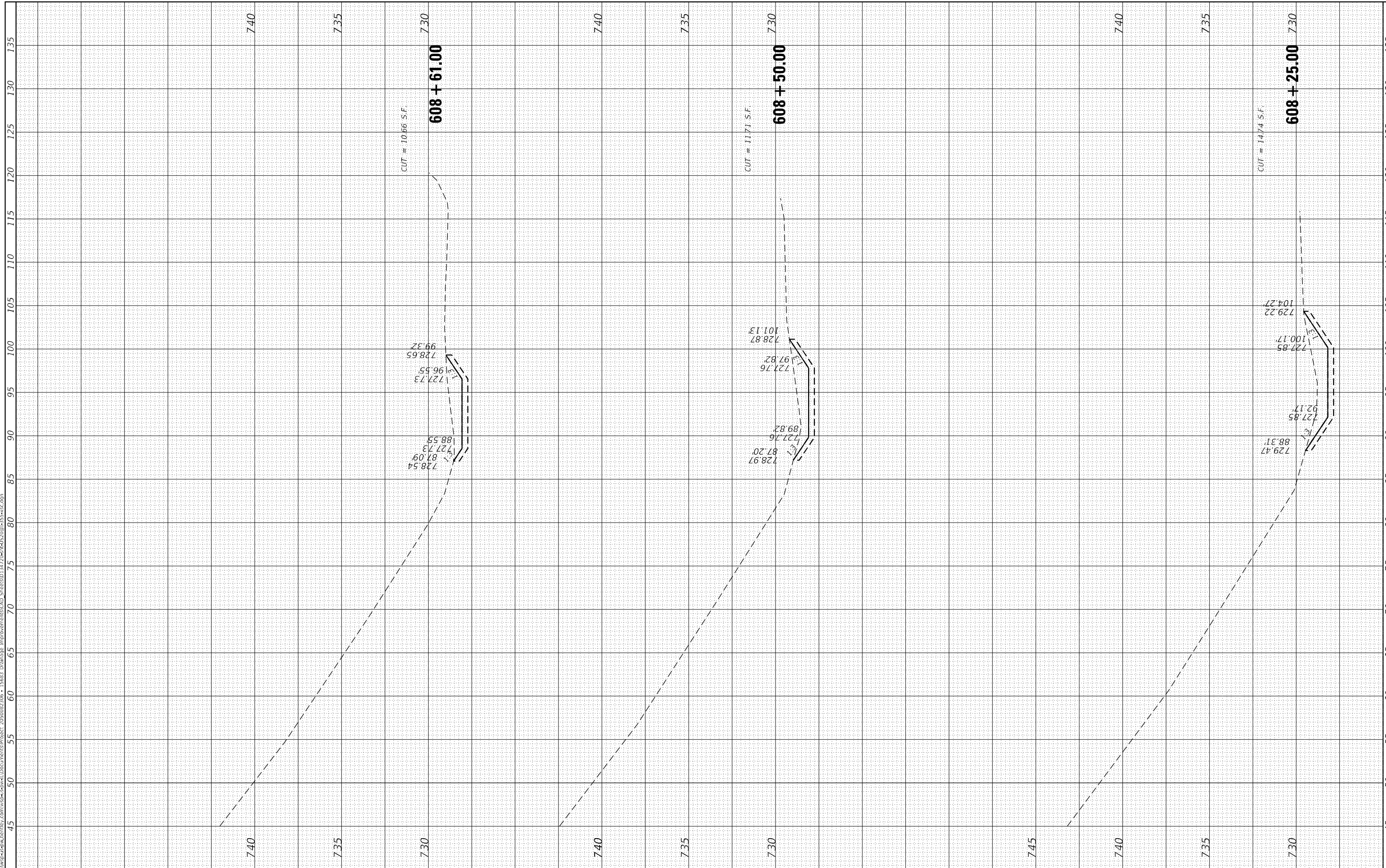
SHEET 6 OF 7 SHEETS STA. 608+00.00 TO STA. 606+75.00

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

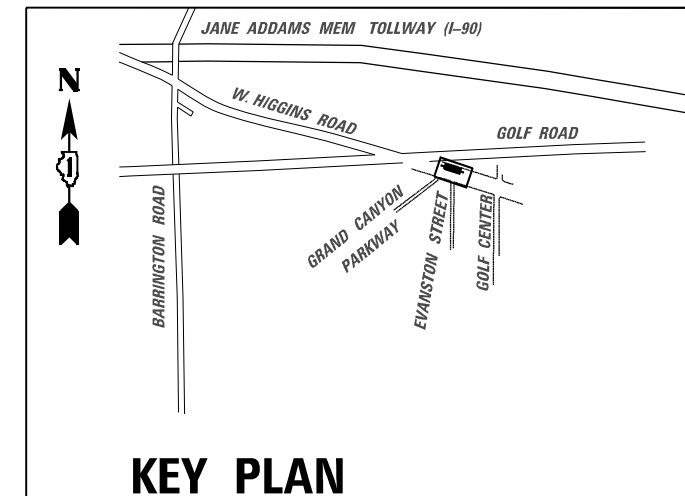
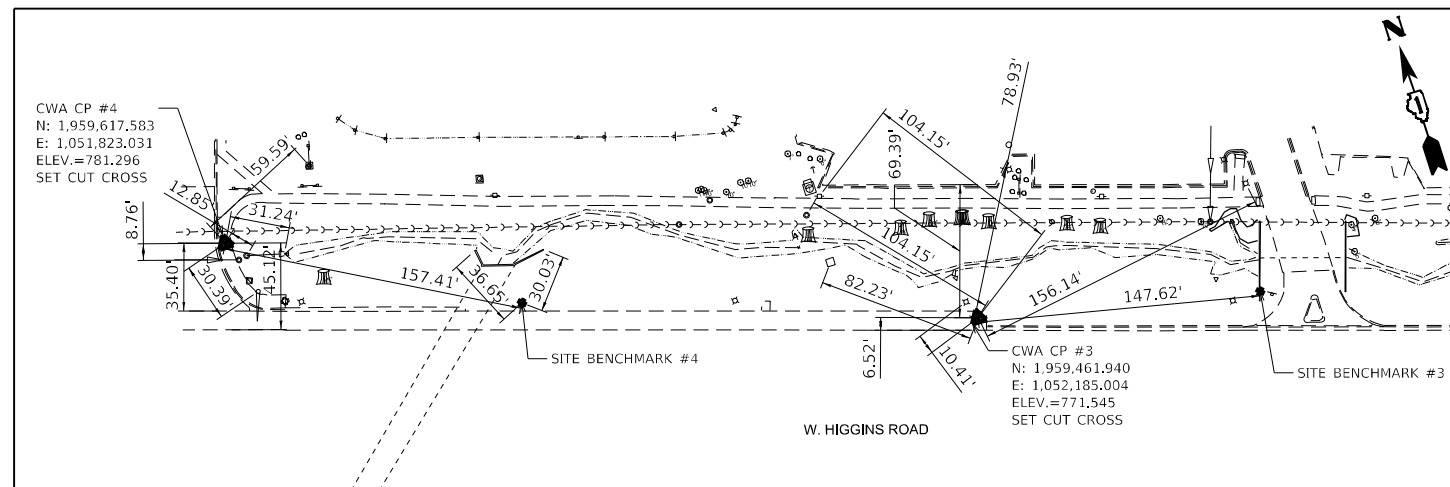
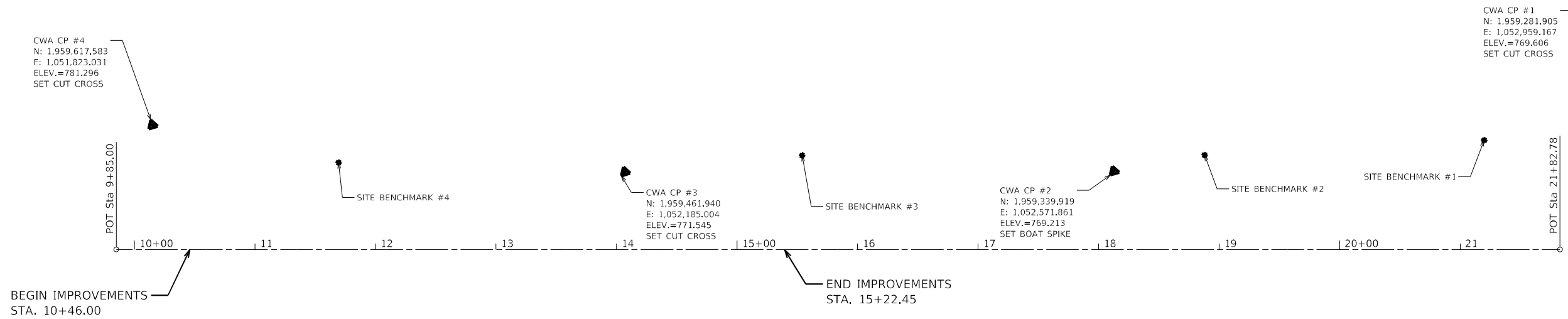
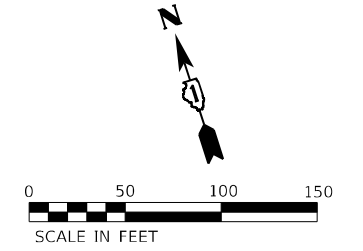
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VAR	2023 VAR DRAINAGE	VARIOUS	136	20
CONTRACT NO. 62V08				
ILLINOIS		FED. AID PROJECT		

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



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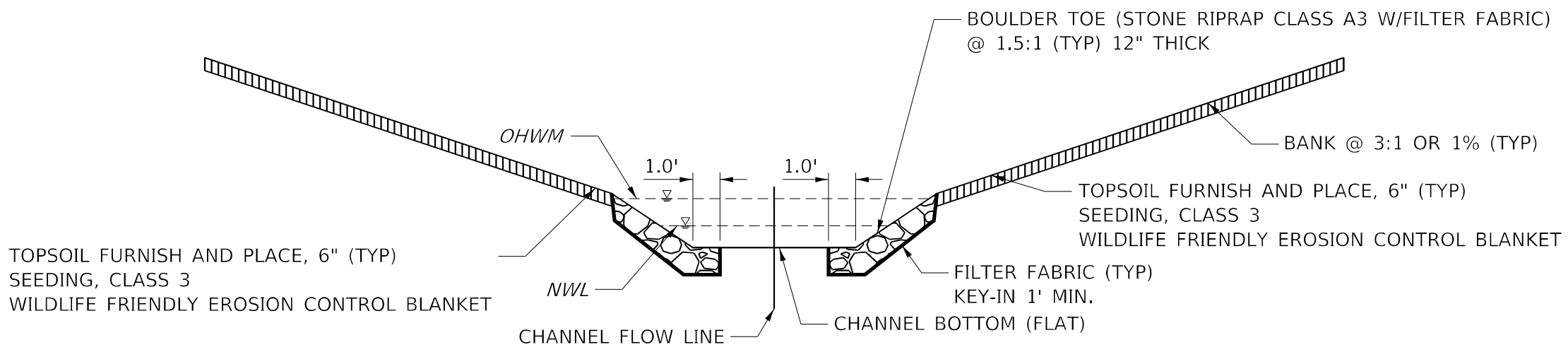


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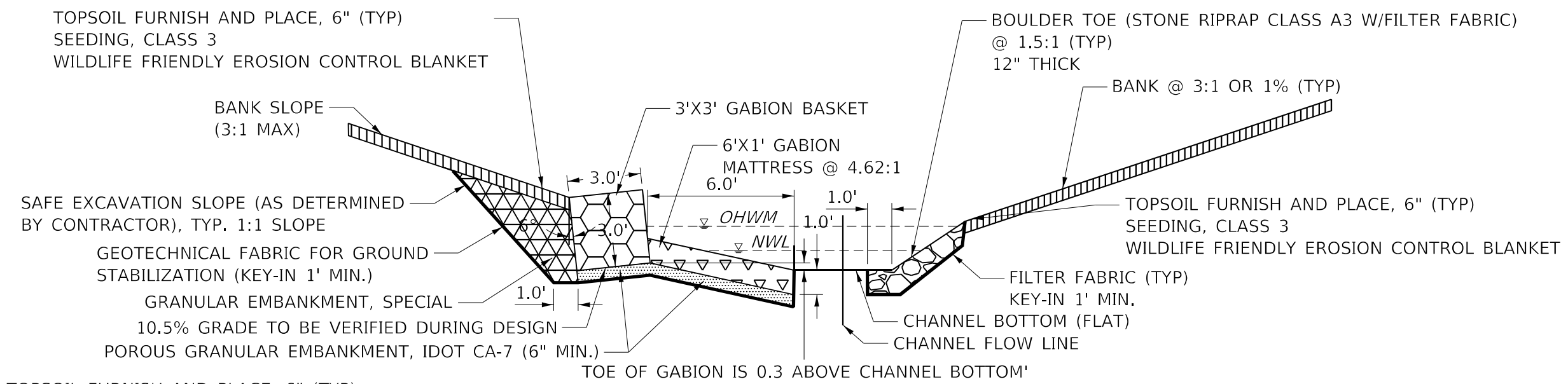
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

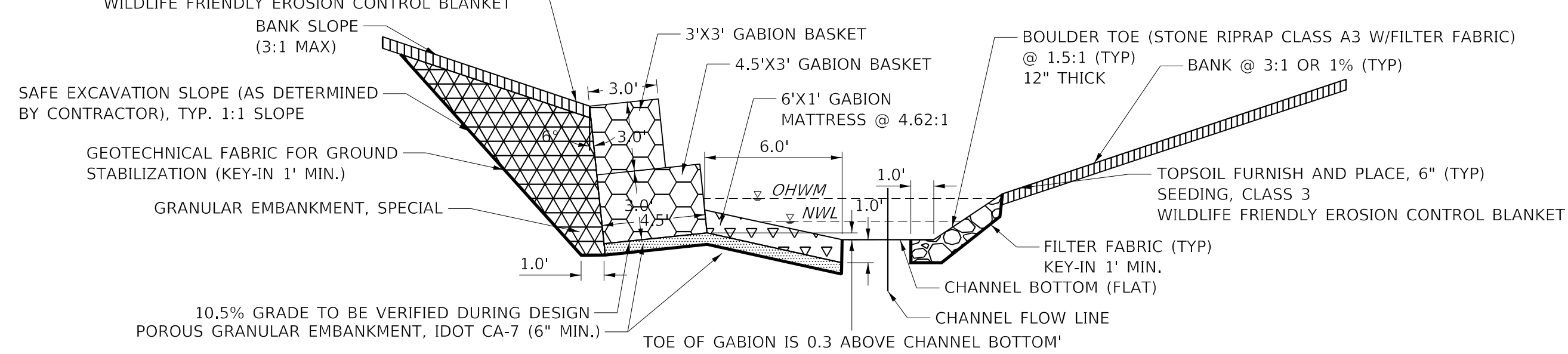
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VAR	2023 VAR DRAINAGE	VARIOUS	136	21
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				



BOULDER TOE L-R



ONE-TIER GABION L - BOULDER TOE R



TWO-TIER GABION L - BOULDER TOE R

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	DATE - 03/10/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 72
TYPICAL SECTIONS

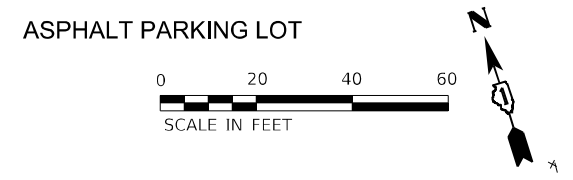
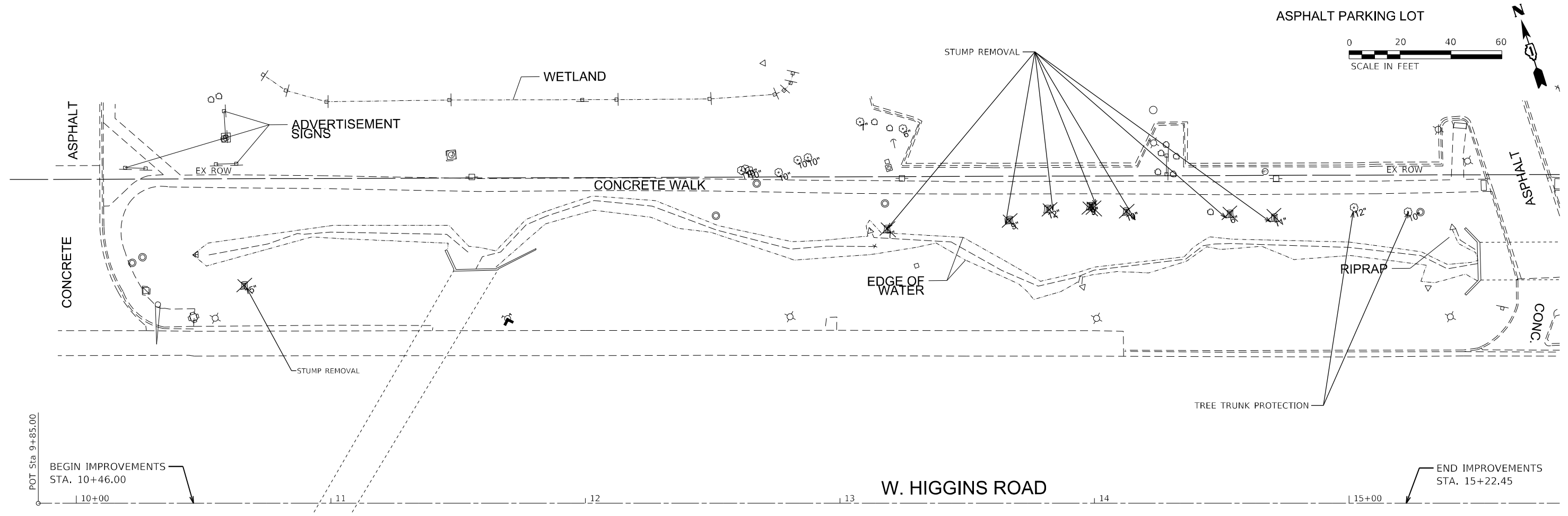
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	22

CONTRACT NO. 62V08

ILLINOIS FED. AID PROJECT

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LEGEND
 X STUMP REMOVAL



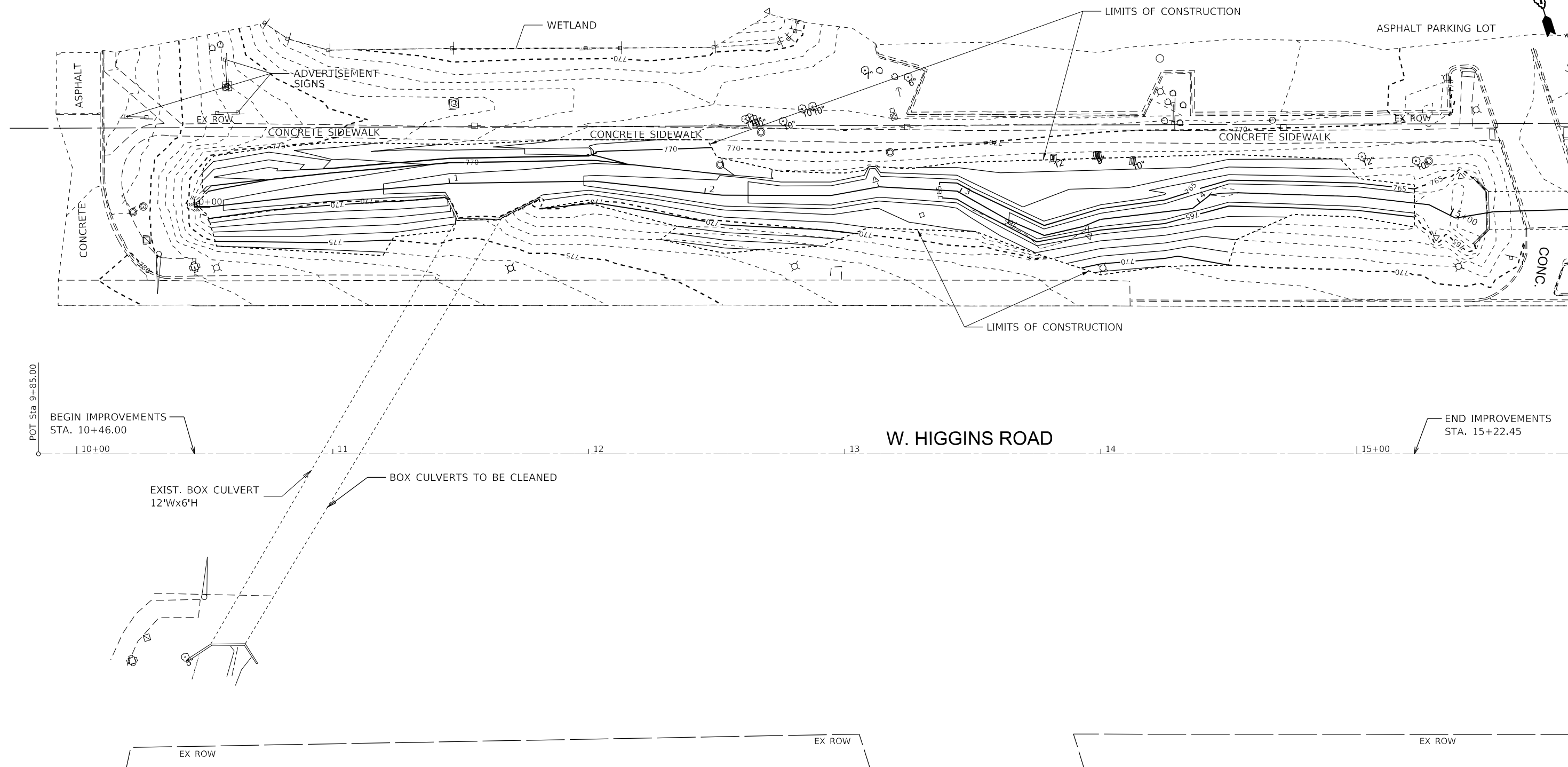
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DRAWN - MM	REVISIONS -	
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PLOT DATE = 4/26/2026	DATE - 03/10/2026	REVISED -

**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				



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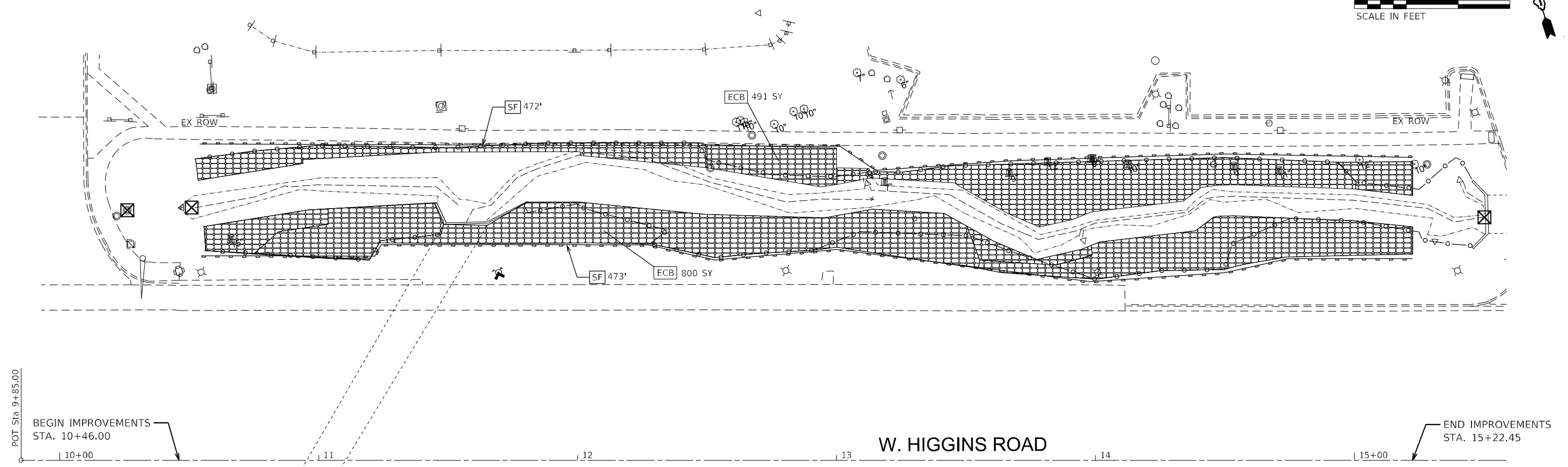
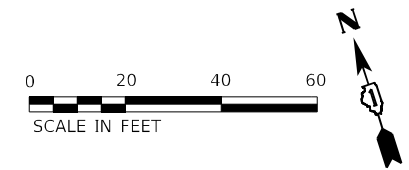
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PLOT DATE = 4/26/2026	DATE - 03/10/2026	REVISED -

**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				










POT Sta 9+85.00
BEGIN IMPROVEMENTS
STA. 10+46.00

W. HIGGINS ROAD

END IMPROVEMENTS
STA. 15+22.45

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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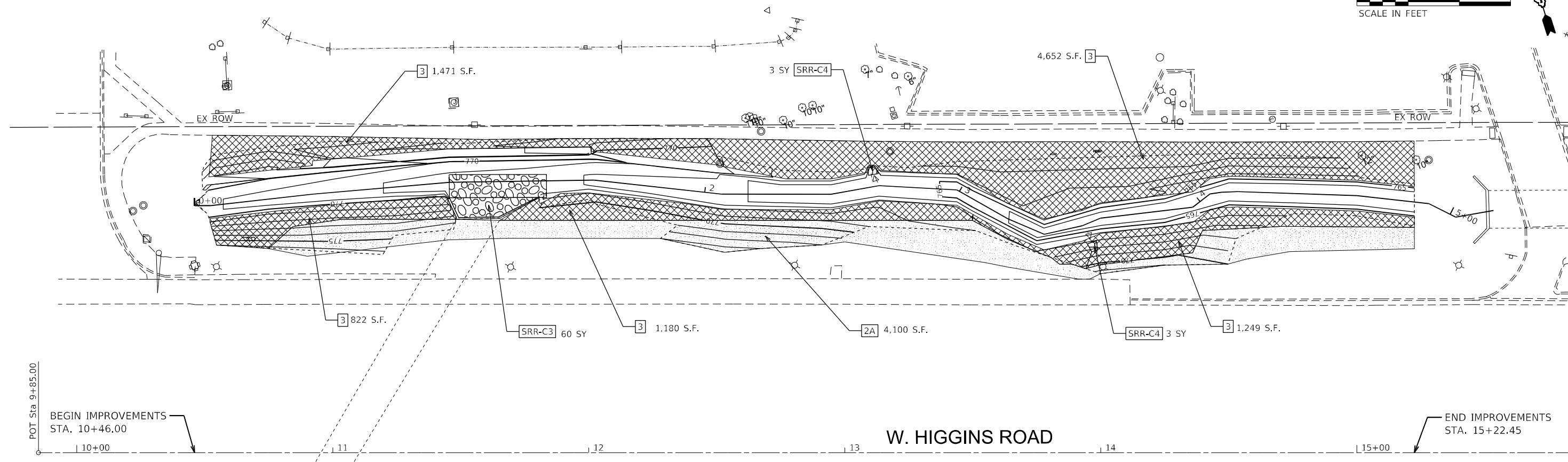
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PLOT DATE = 4/26/2026	DATE - 03/10/2026	REVISIONS -

**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				



LANDSCAPING LEGEND

- | | | | | | |
|--|-----------|--|--|---------------|-----------------------------------|
| | 2A | TOPSOIL FURNISH AND PLACE, 6" (21101625)
SEEDING, CLASS 2A (25000210)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645) | | SRR-C3 | STONE RIPRAP, CLASS A3 (28100105) |
| | 3 | TOPSOIL FURNISH AND PLACE, 6" (21101625)
SEEDING, CLASS 3 (25000300)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET (25100645) | | SRR-C4 | STONE RIPRAP, CLASS A4 (28100107) |

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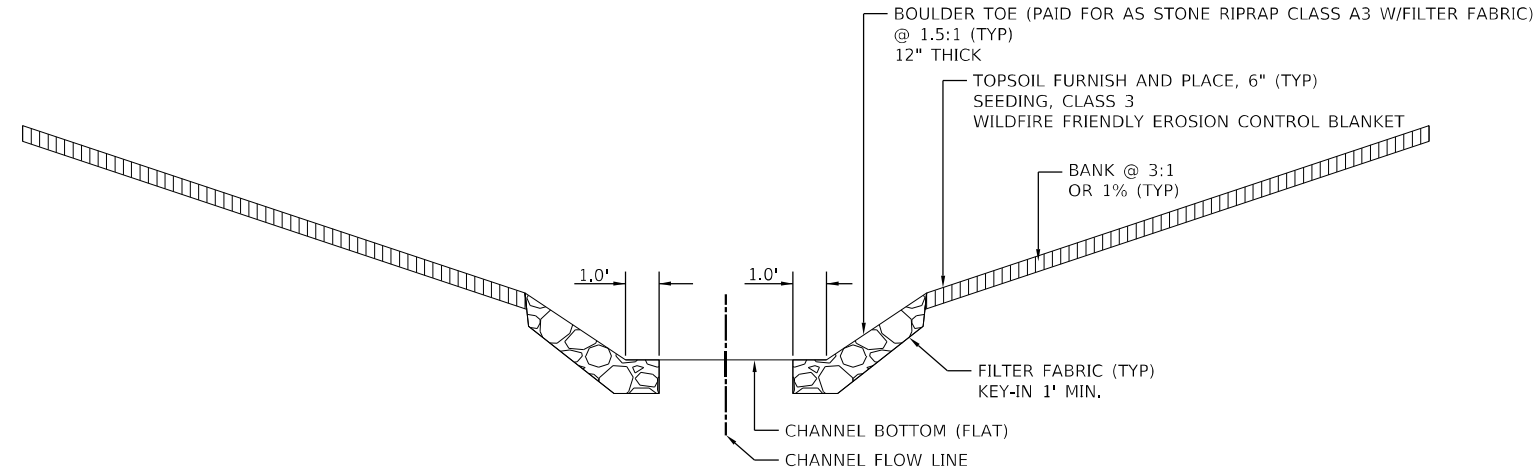


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PLOT DATE = 4/26/2026	DATE - 03/10/2026	REVISED -

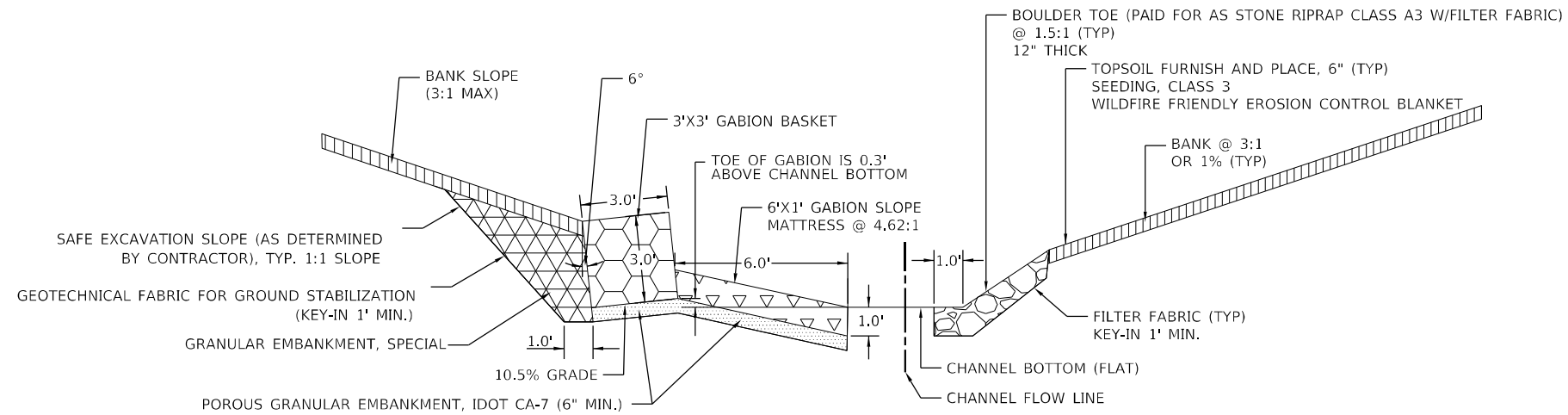
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RTE 72 LANDSCAPE PLAN					
SCALE: 1"=20'	SHEET 1	OF 1	SHEETS	STA. 9+85.00	TO STA. 15+22.45

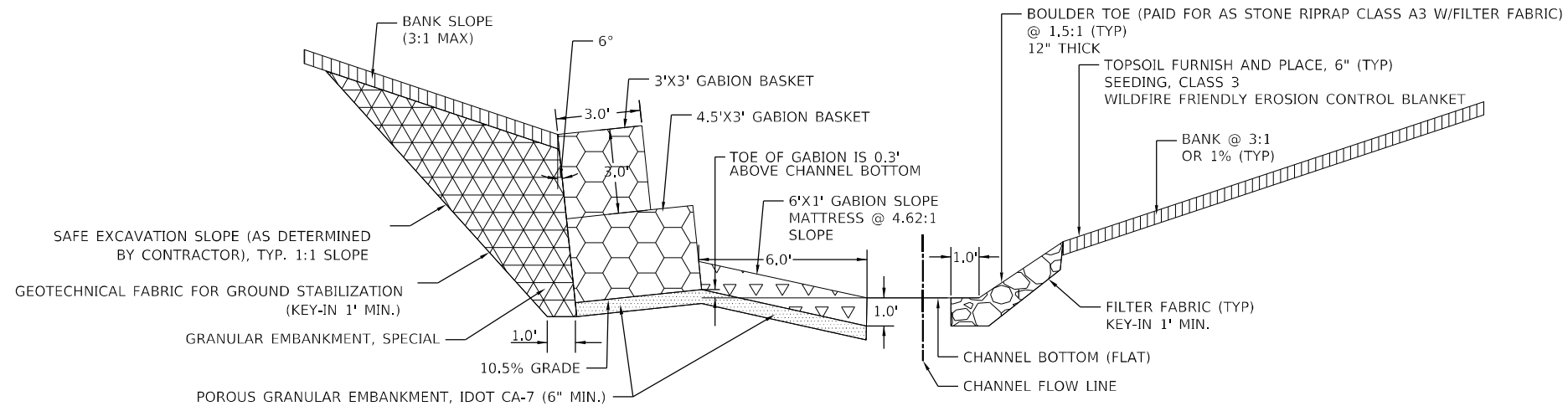
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	2023 VAR DRAINAGE	VARIOUS	136	26
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				



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



ONE-TIER GABION L - BOULDER TOE R



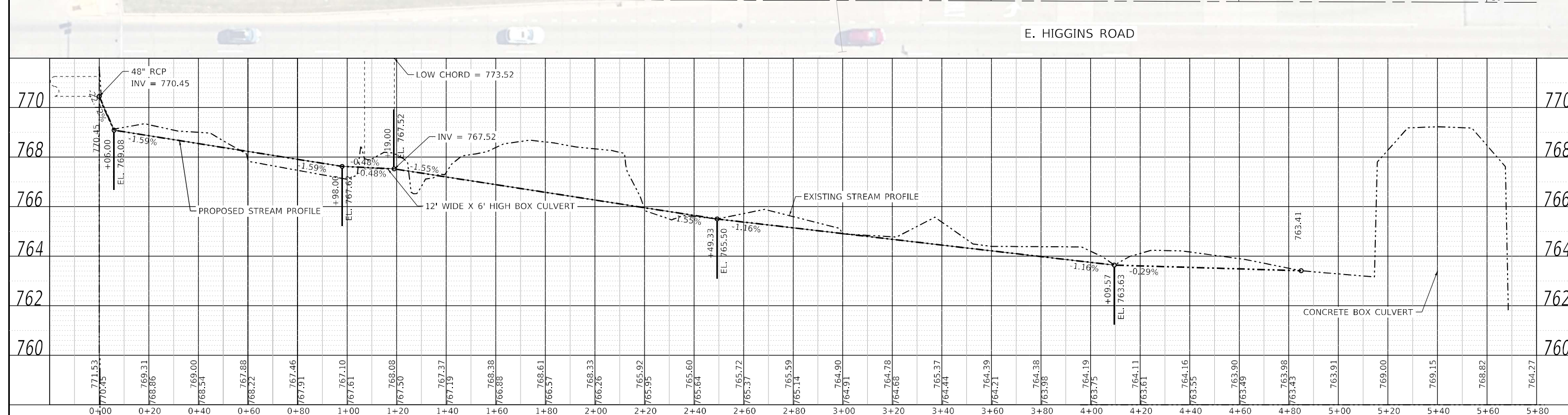
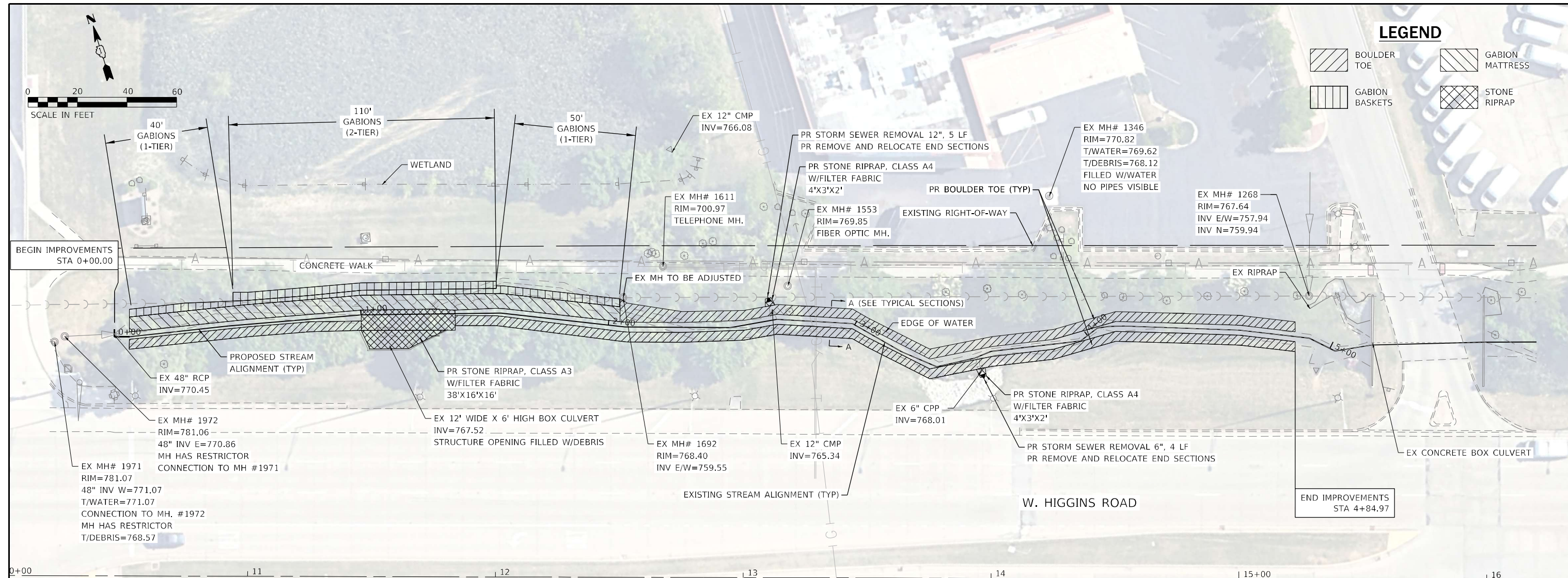
TWO-TIER GABION L - BOULDER TOE R

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

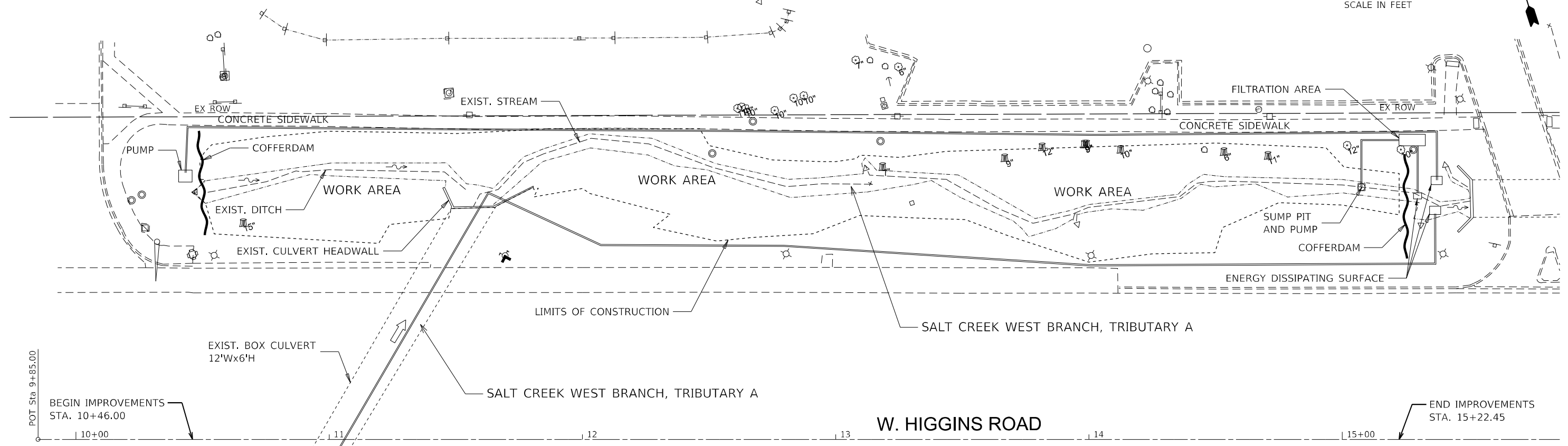
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	27
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

LEGEND

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



	USER NAME = l1nho	DESIGNED - JK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 72 DRAINAGE PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = \$DATE\$	DATE - 12/2025	REVISED -			CONTRACT NO. 62V08		ILLINOIS FED. AID PROJECT		



POT Sta 9+85.00

BEGIN IMPROVEMENTS STA. 10+46.00

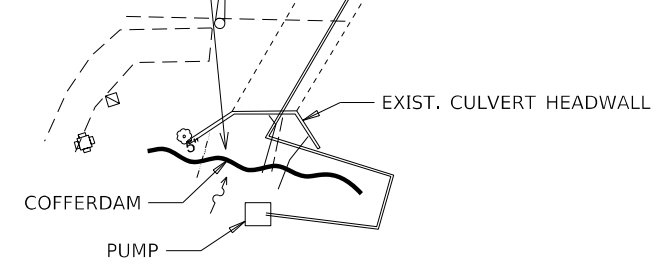
EXIST. BOX CULVERT 12'Wx6'H

SALT CREEK WEST BRANCH, TRIBUTARY A

W. HIGGINS ROAD

END IMPROVEMENTS STA. 15+22.45

SALT CREEK WEST BRANCH, TRIBUTARY A



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.

MODEL: Default
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 Project: 2050082306 - 15683 Drainage ImprovementsCAD_Sheets\134720.dwg



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PLOT DATE = 4/26/2026	CHECKED - KE	REVISED -
	DATE - 03/10/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

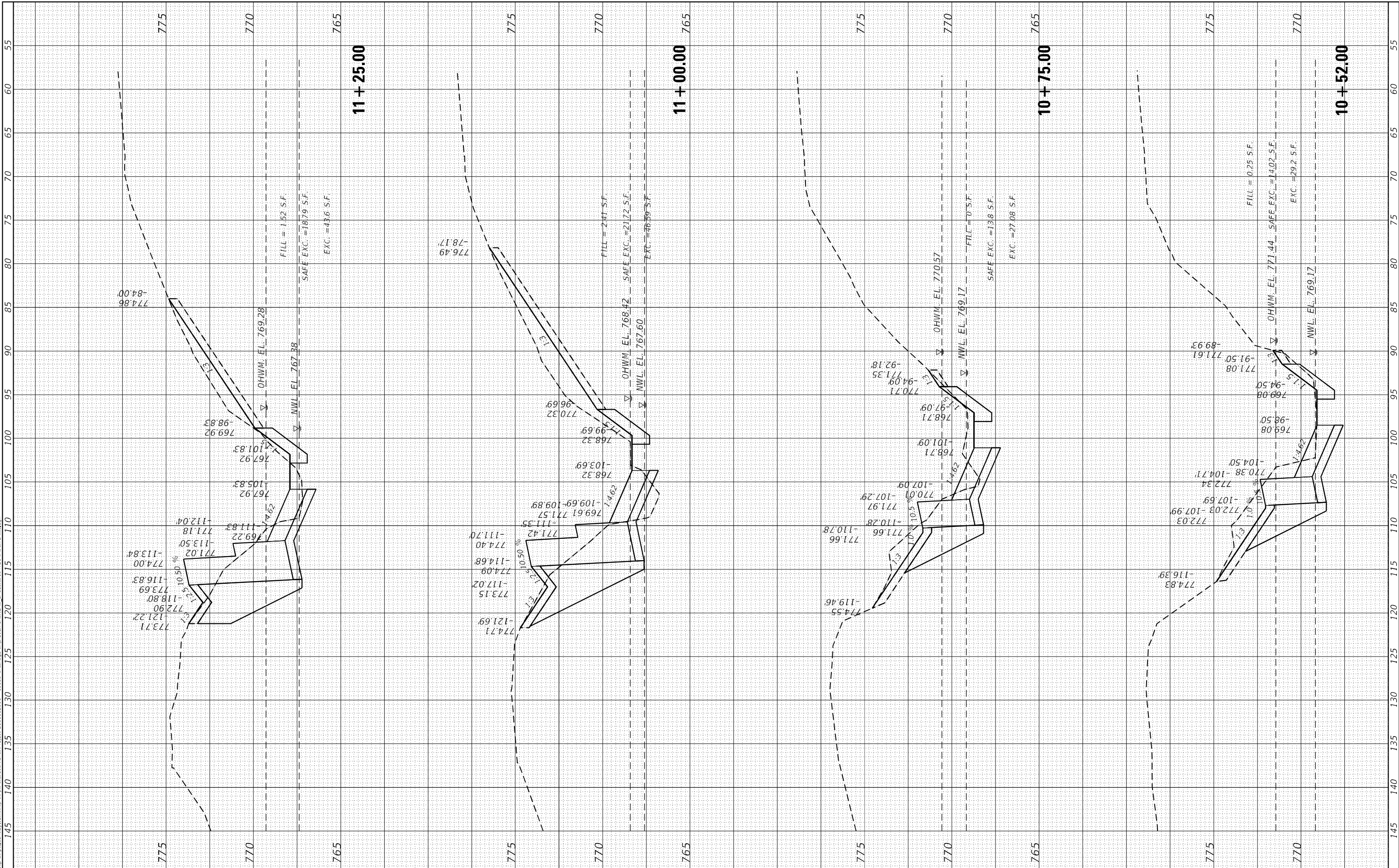
IL RTE 72 IN-STREAM WORK PLAN			
SCALE: 1"=20'	SHEET 1	OF 1 SHEETS	STA. 9+85.00 TO STA. 21+82.78

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

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

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

MODEL: Default
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USER NAME = USKF715271
 PLOT SCALE = 10.0000" / in.
 PLOT DATE = 4/23/2026

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

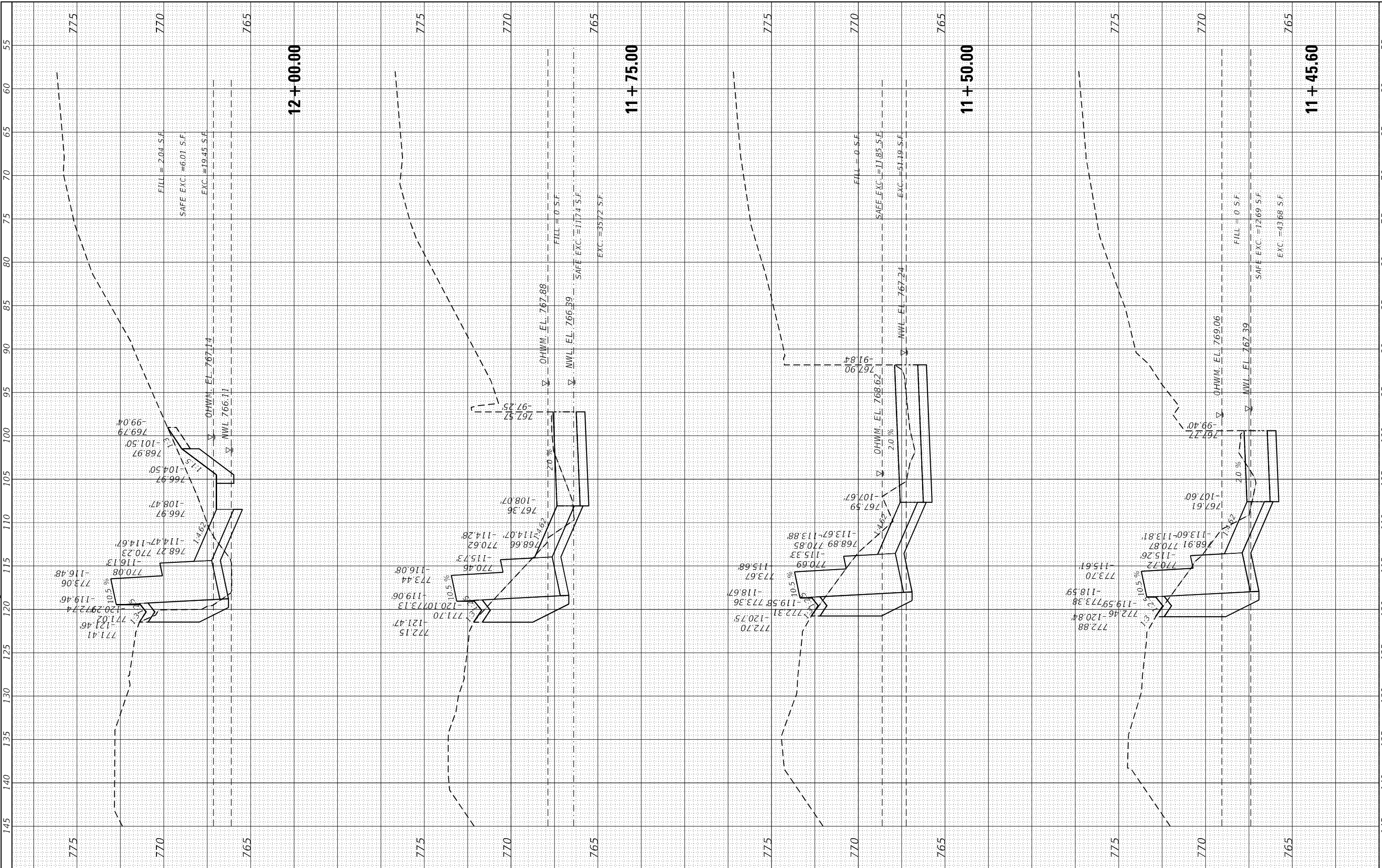
**IL RTE 72
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	135	30
			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		

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USER NAME =	USKF715271
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REVISOR -	
CHECKED -	
DATE -	4/23/2026

DESIGNED -	
DRAWN -	
REVISOR -	
CHECKED -	
DATE -	

REVISOR -	
REVISOR -	
REVISOR -	
REVISOR -	

**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

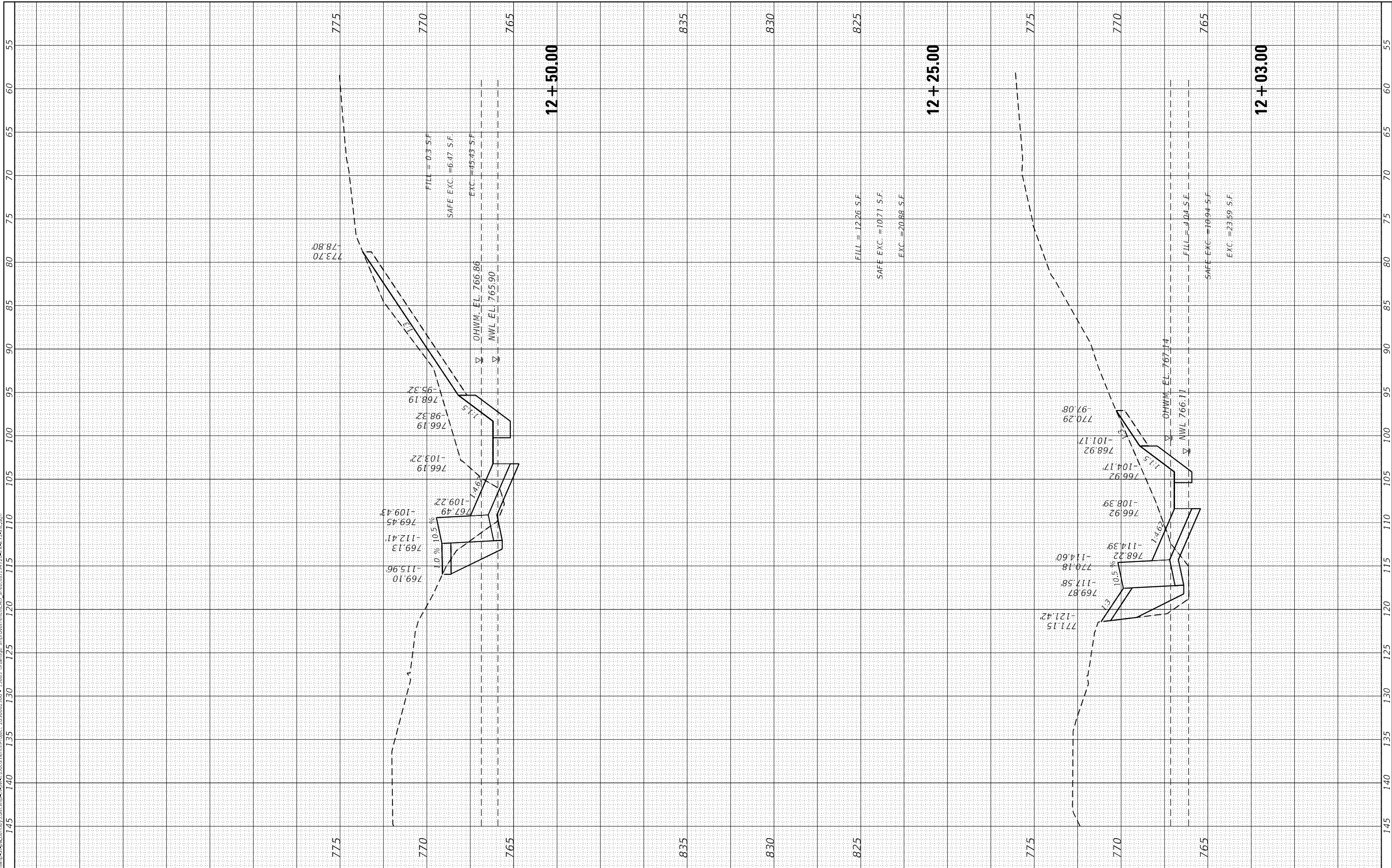
**IL RTE 72
CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	135	31
		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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DRAWN -
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REVISIED -

**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

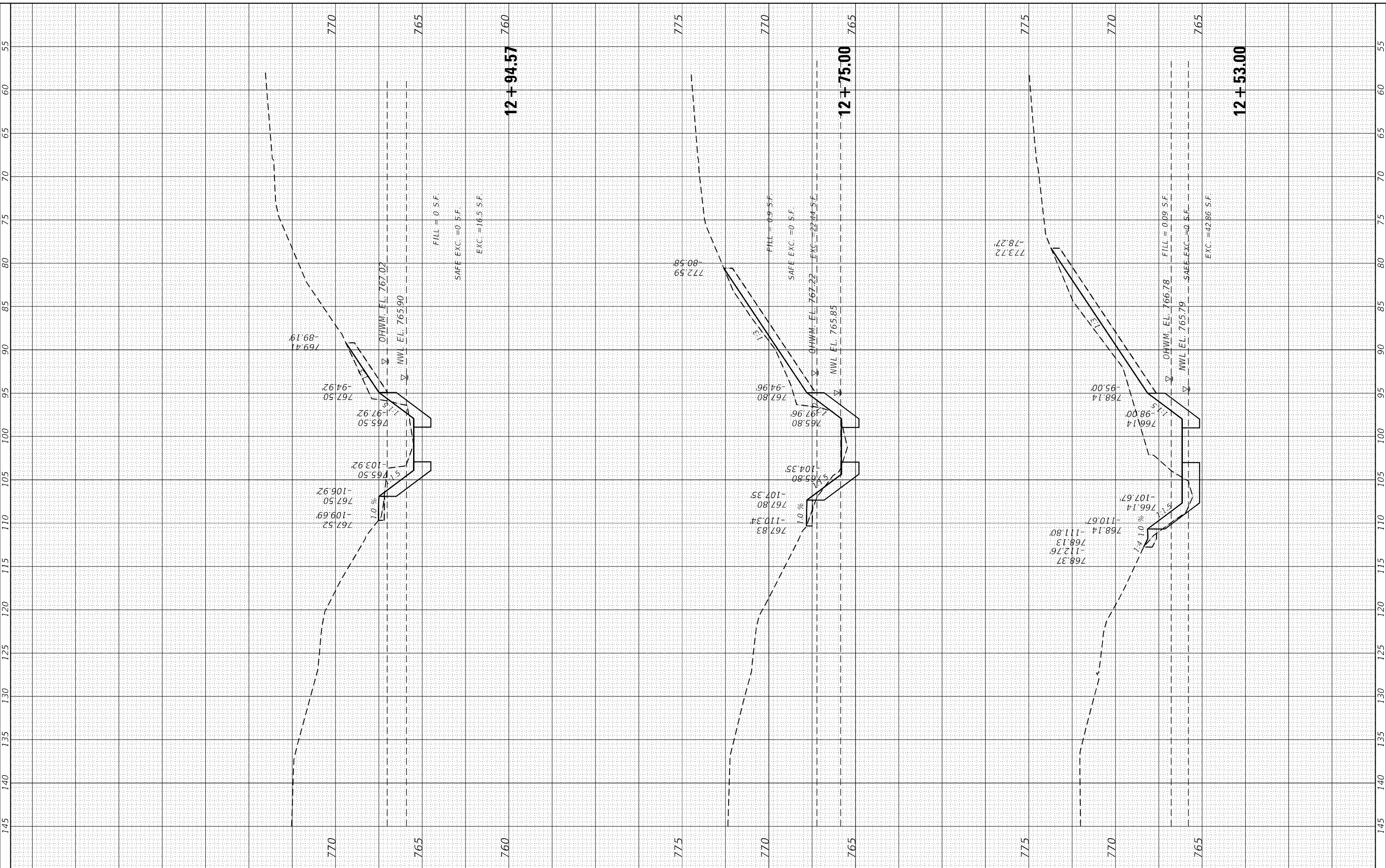
**IL RTE 72
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	135	32
			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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REVISIONS	-
CHECKED	-
DATE	-

REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

**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

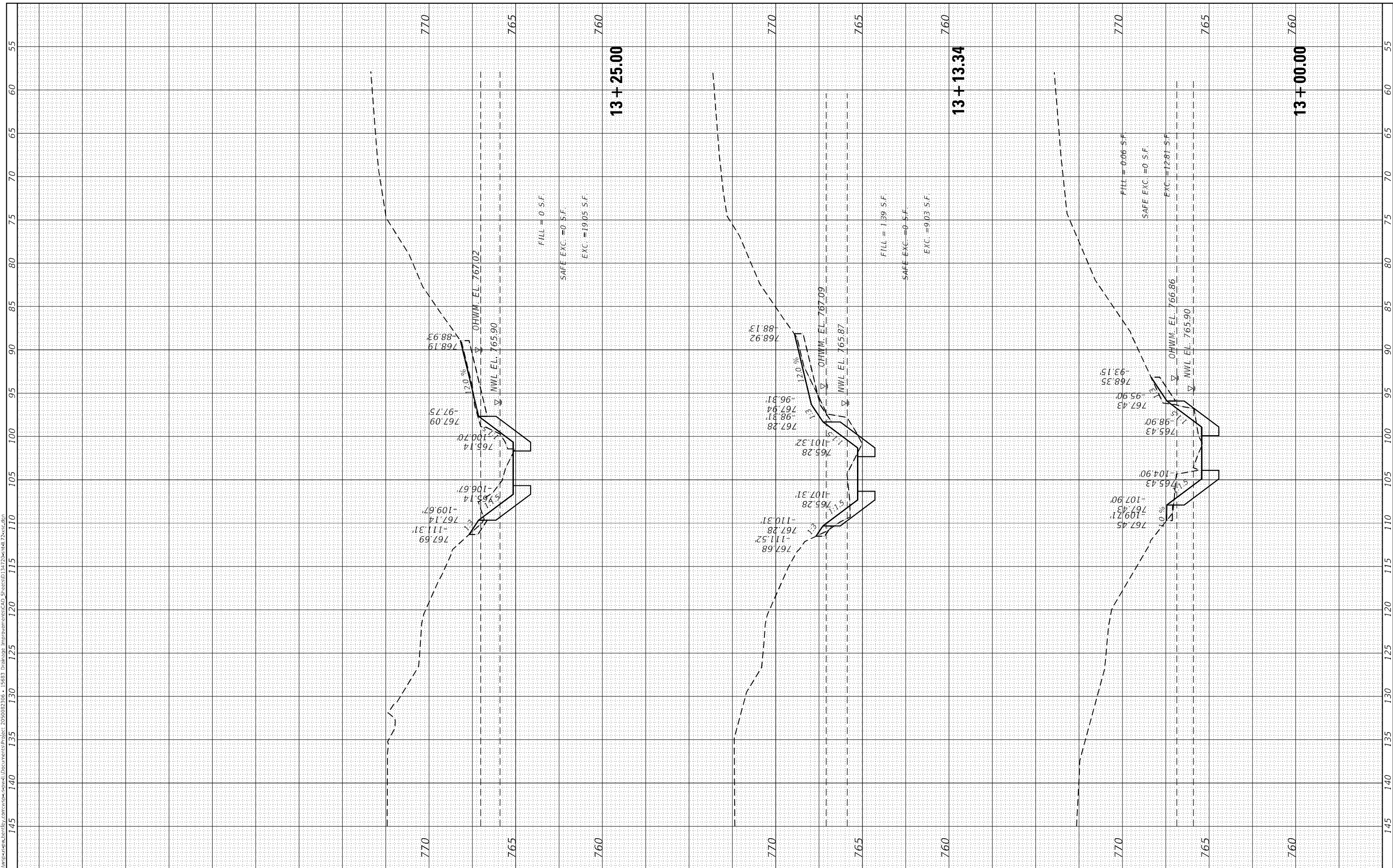
**IL RTE 72
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	135	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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 CAD: Streets\13+00\13+00.dwg



USER NAME	= USKF715271
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PLOT DATE	= 4/23/2026

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

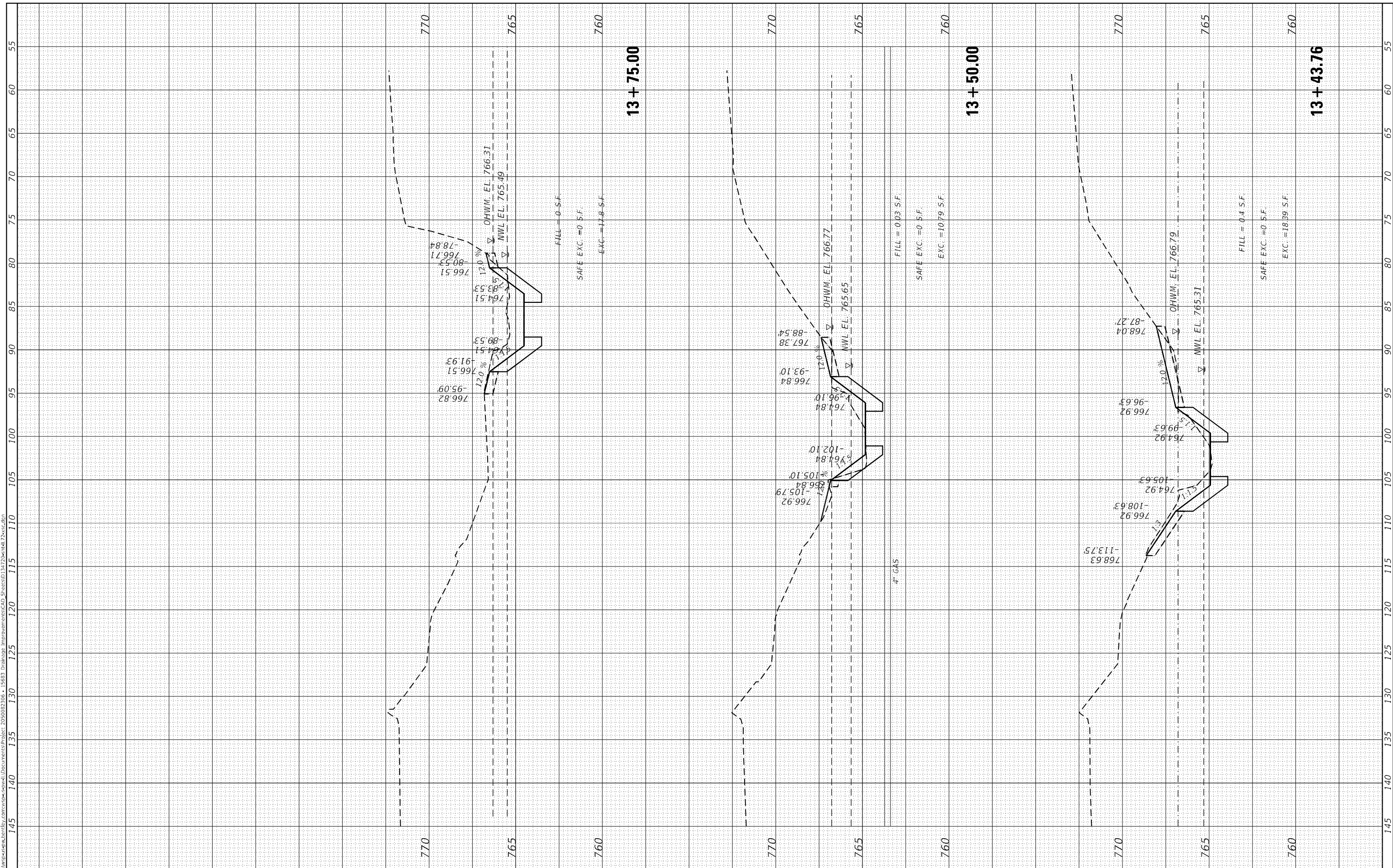
**IL RTE 72
 CROSS SECTIONS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	135	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		

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PLOT DATE = 4/23/2026

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	135	35
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	AREAS CHECKED	

MODEL: Default
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USER NAME = USKF715271
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 4/23/2026

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

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

IL RTE 72
 CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	135	36

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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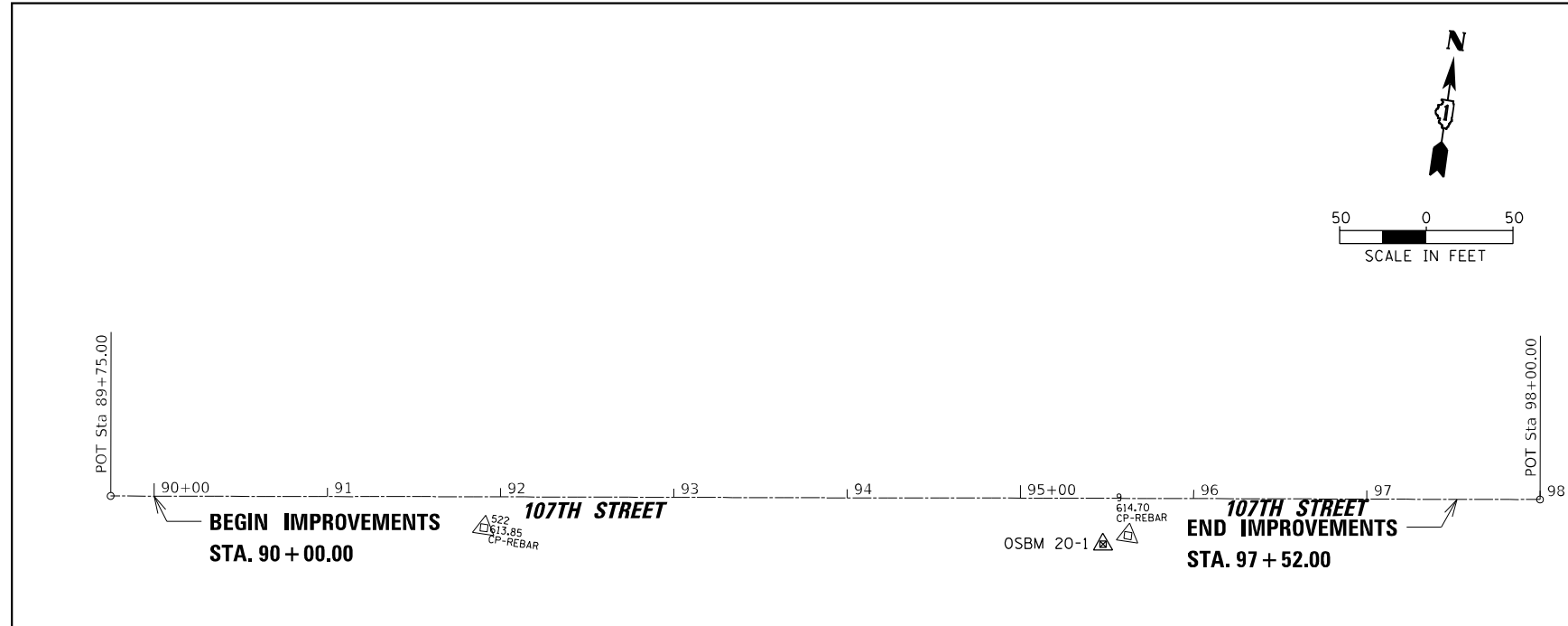
REVISED -
REVISED -
REVISED -
REVISED -

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

IL RTE 72
CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	135	37
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				



SITE #2

BENCHMARKS

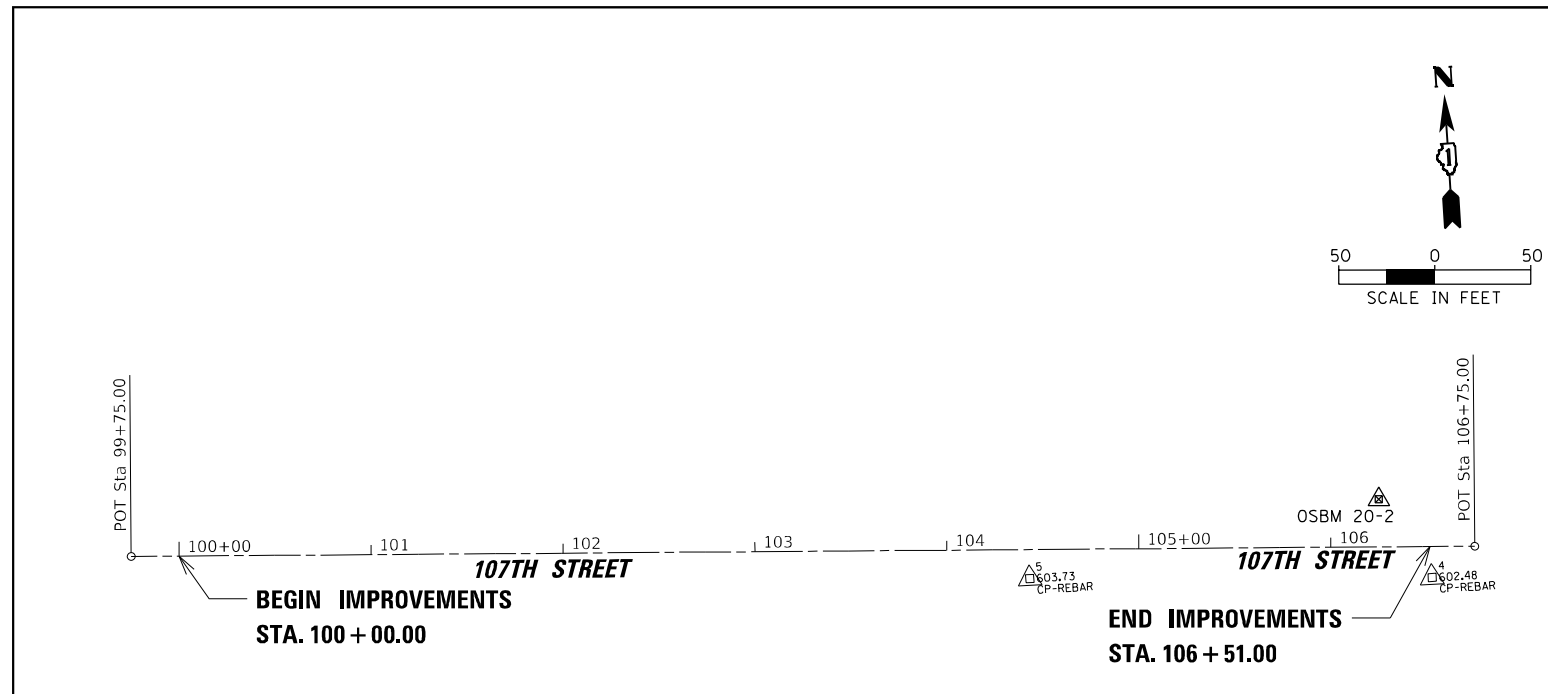
OSBM 20-1 SQUARE CUT ON SOUTHWEST CORNER OF CONC. HEADWALL OF 18" VCP CULVERT ON SOUTH SIDE OF 107TH ST. ELEVATION=615.56

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

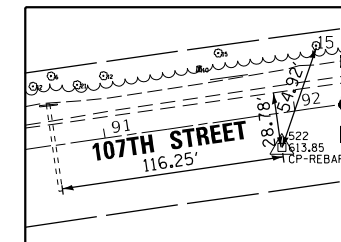
DATUM: NAVD '88 (GPS OBSERVED)

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

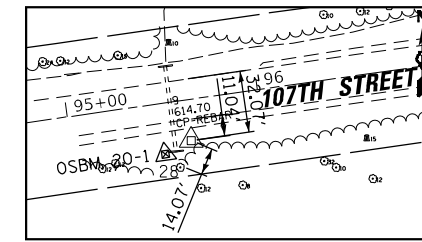
ALIGNMENT COORDINATES			
107TH STREET			
	STATION	N	E
POT	89+75.00	1832301.8724	1099206.8033
POT	98+00.00	1832418.6395	1100023.4981
POT	99+75.00	1832801.6446	1103502.4068
POT	106+75.00	1832764.3362	1104201.4119



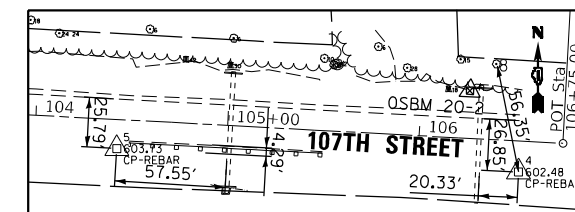
SITE #1



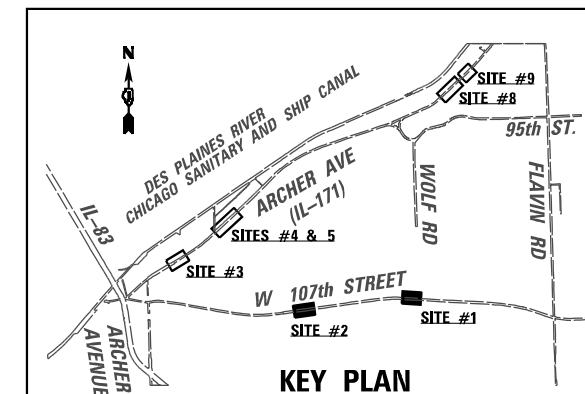
CONTROL POINT #522



CONTROL POINT #9



CONTROL POINT #4 AND 5



KEY PLAN

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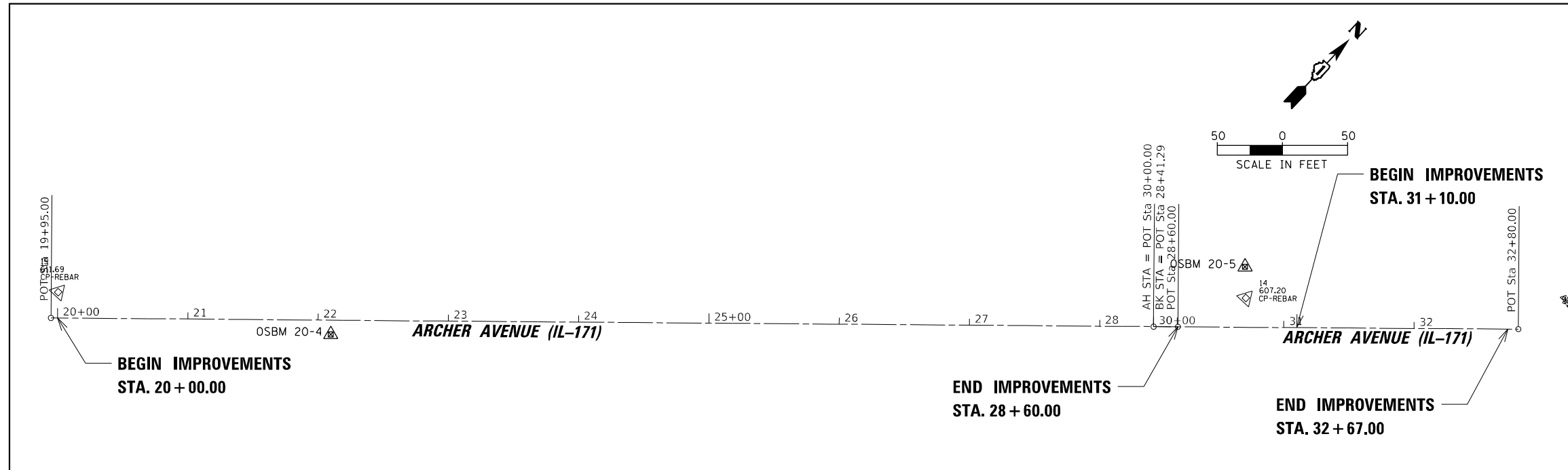
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DRAWN - MM	REVISED -	
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PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

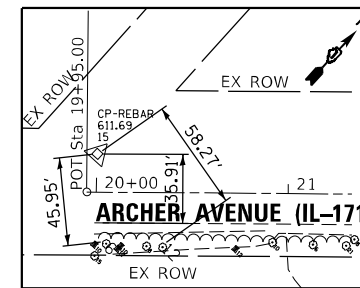
SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 90+00.00 TO STA. 106+75.00

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

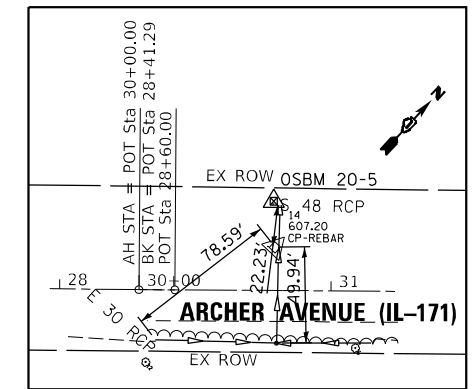


SITE #4

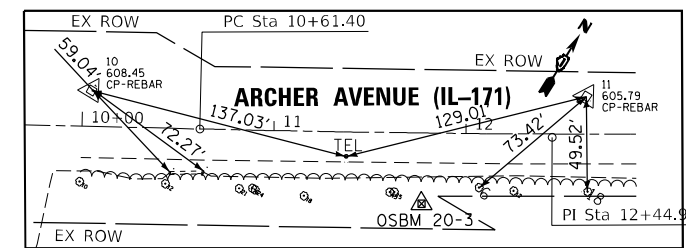
SITE #5



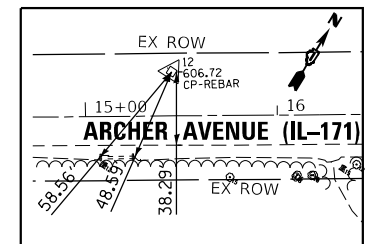
CONTROL POINT #15



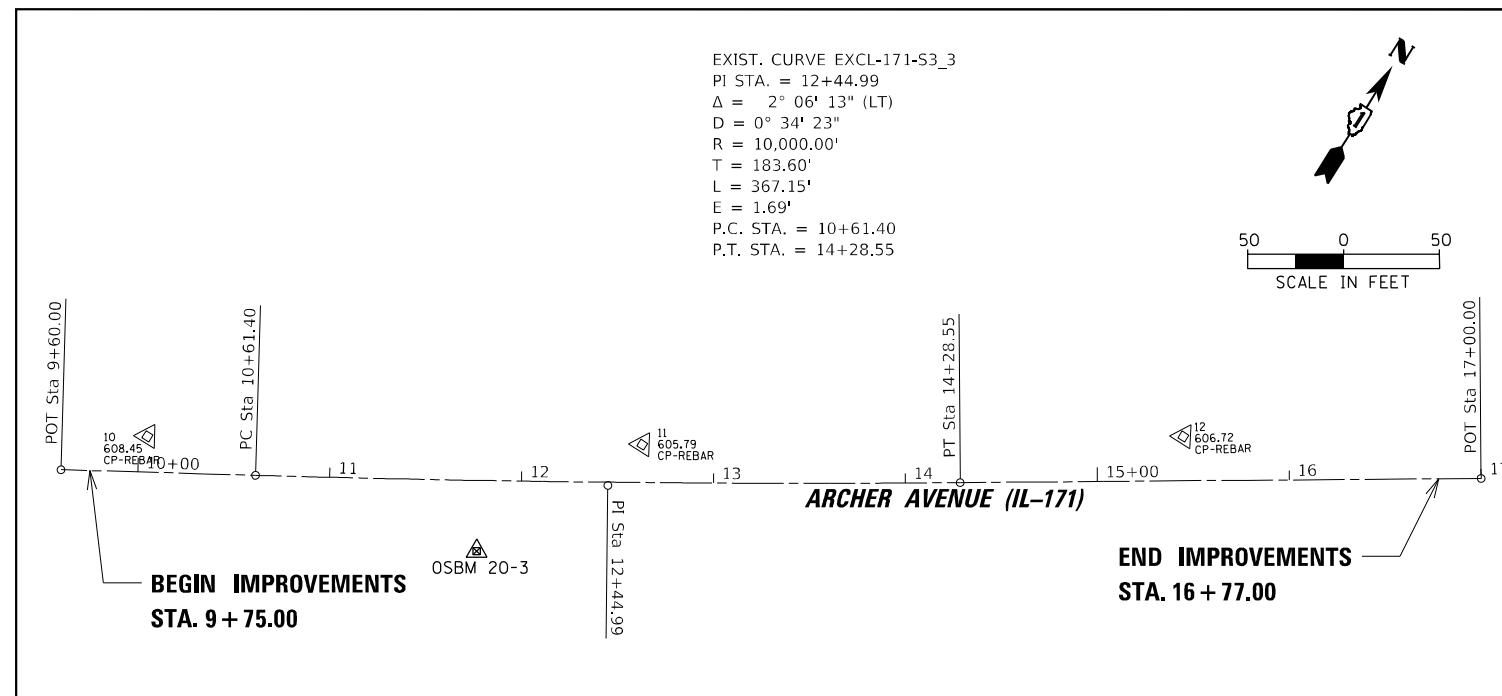
CONTROL POINT #14



CONTROL POINT #10 AND 11



CONTROL POINT #12



SITE #3

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

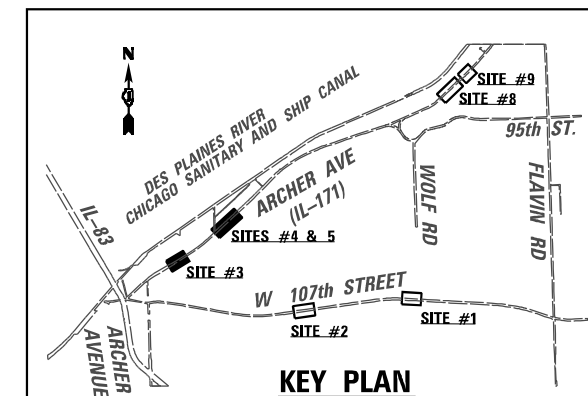
BENCHMARKS

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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	DATE - 12/10/2025	REVISED -

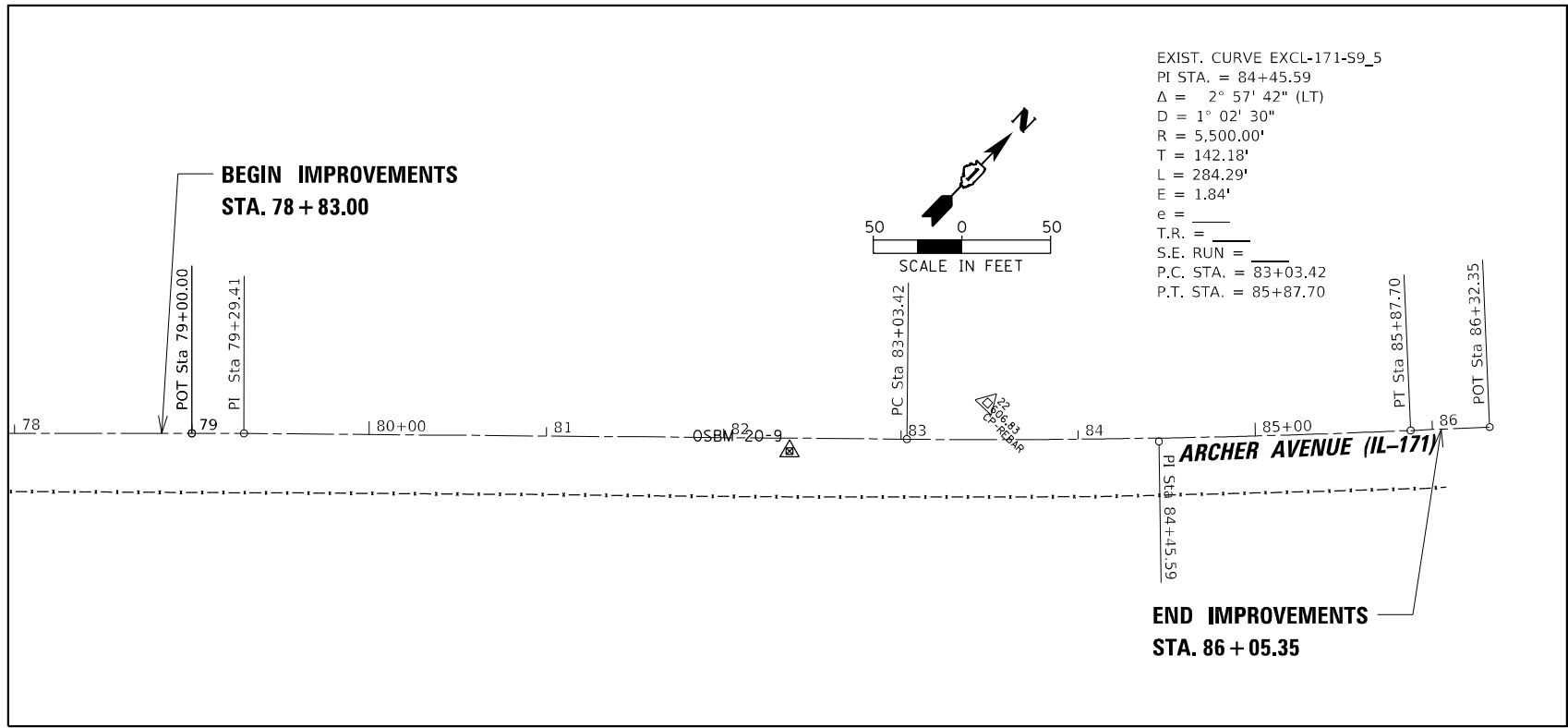
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

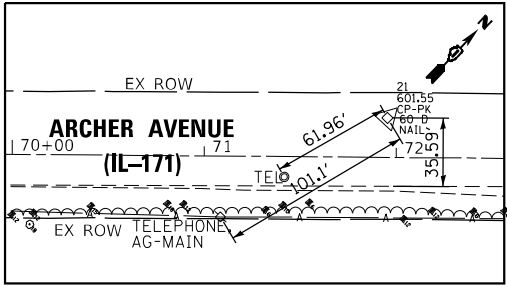
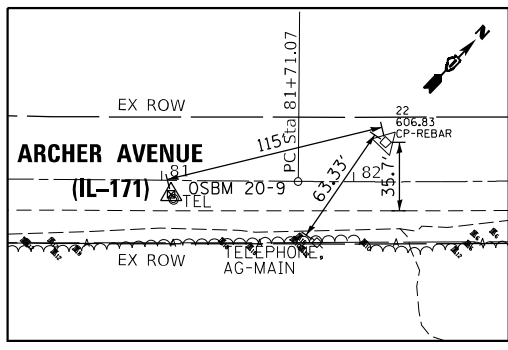
SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 9+60.00 TO STA. 32+80.00

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

CONTRACT NO. 62V08

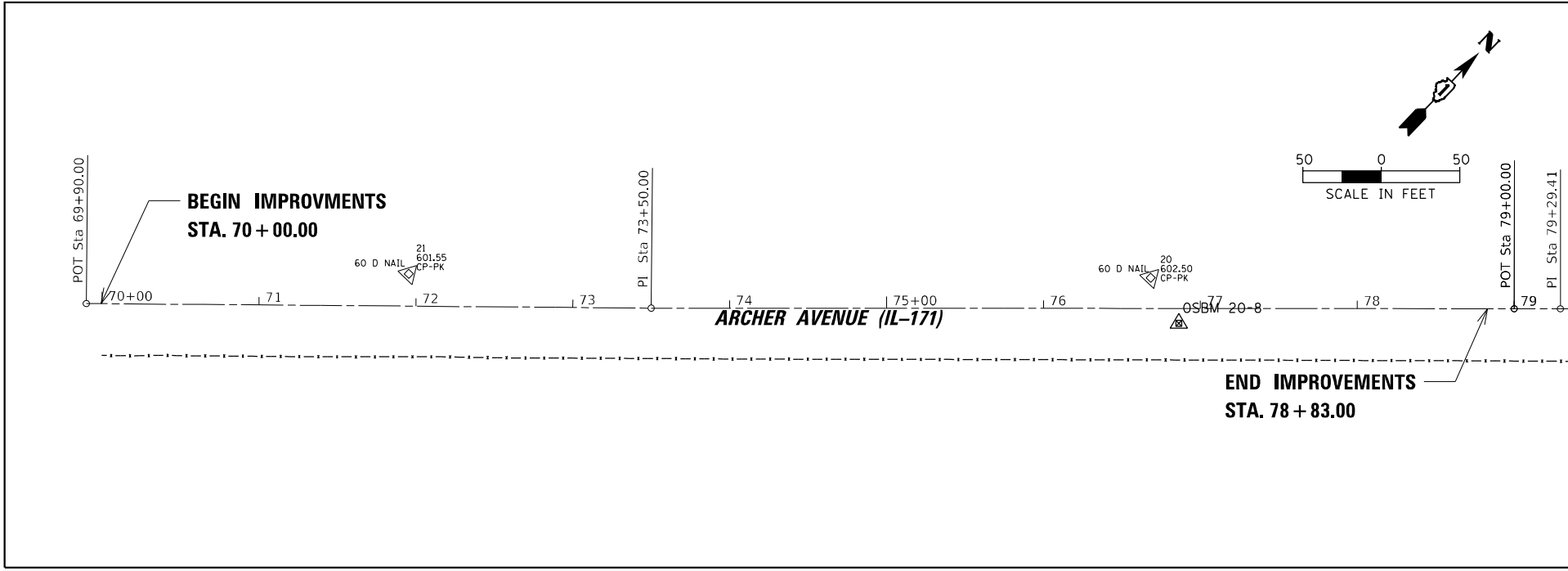
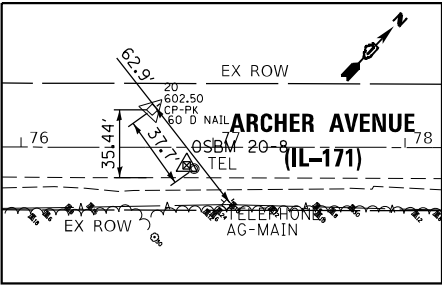


SITE #9



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	



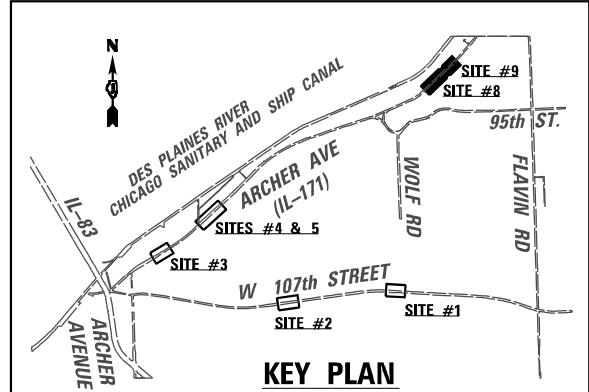
SITE #8

BENCHMARKS

OSBM 20-8 NORTH EDGE OF AT&T TEL MANHOLE SOUTH OF C ARCHER AV. APPROX. ±200' WEST OF WEST END OF GUARDRAIL. ELEVATION=603.06

OSBM 20-9 NORTH EDGE OF AT&T TEL MANHOLE RIM APPROX. ±110' EAST OF EAST END OF GAURDRAIL 10' SOUTH OF ARCHER AVE. C ELEVATION=606.36

DATUM: NAVD '88 (GPS OBSERVED)



MODEL: D:\default... FILE: NAME: ... PROJECT: 2050082306 - 15683 Drainage Improvements\CAD Sheets\171-1111-101.dwg



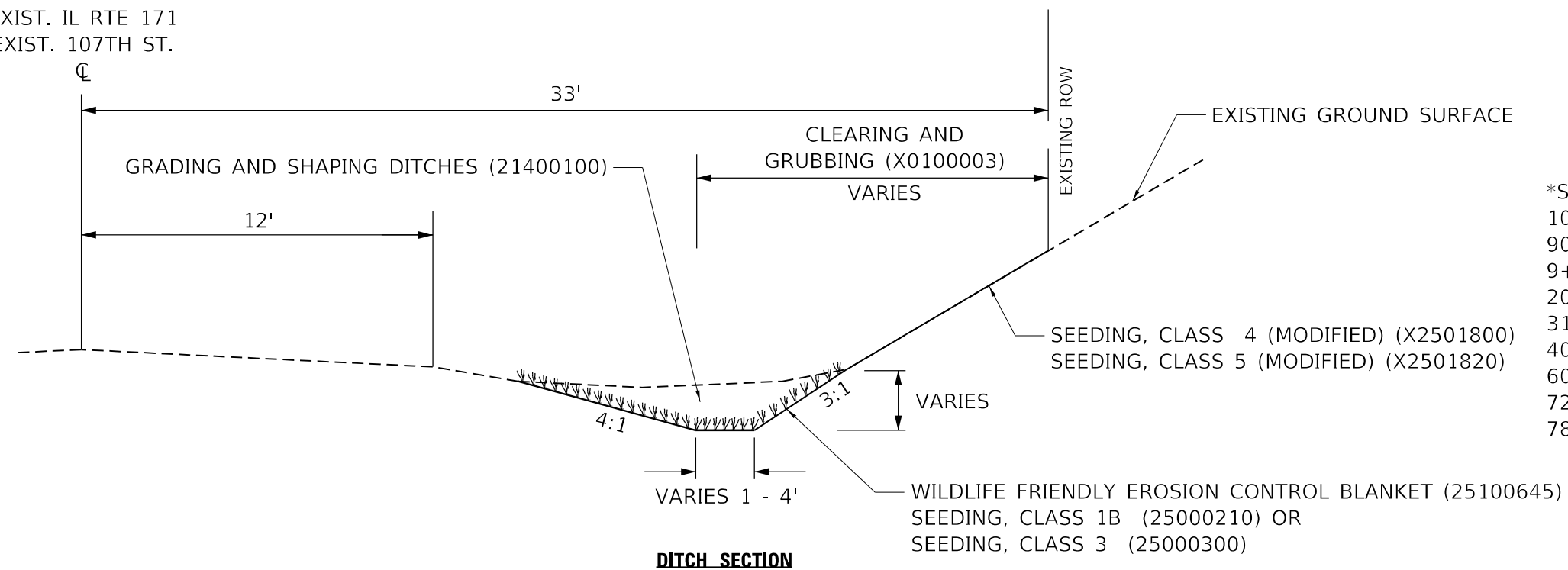
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DRAWN - MM	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

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

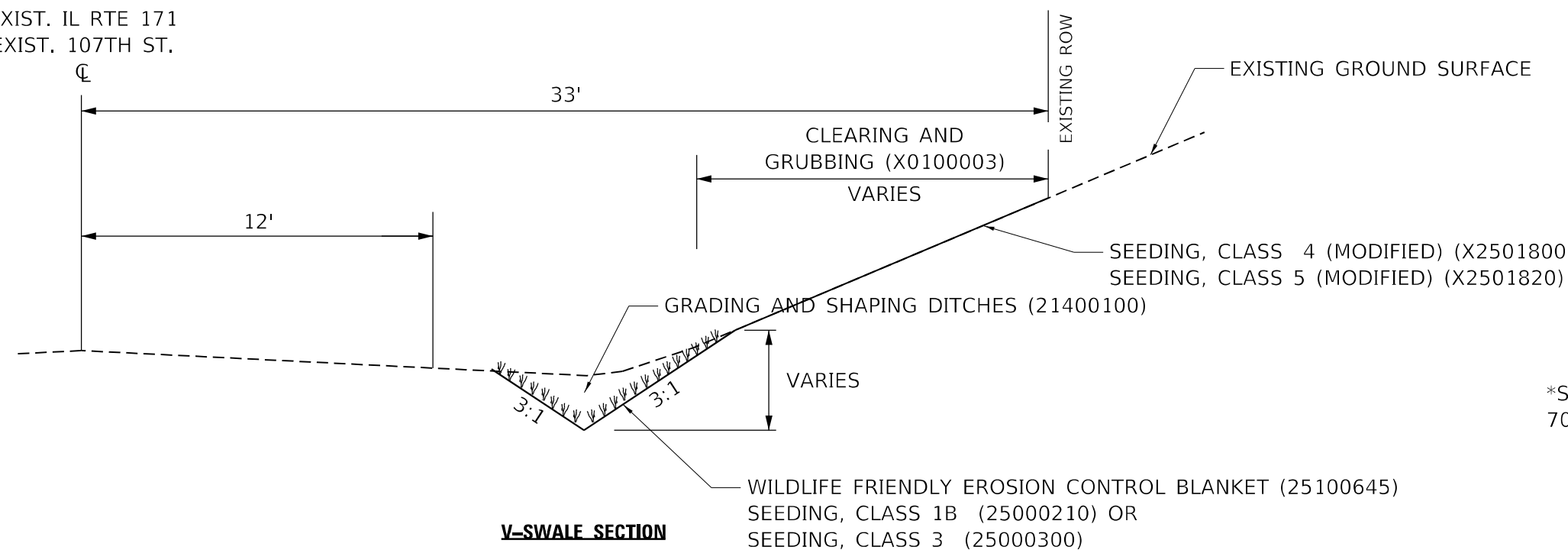
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	40
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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
FILE NAME: p:\wsp-us-pw-bentley.com\userp4\p4\illinois\Documents\Project_2050022306 - 15683_Drainage_Improvements\CAD_Sheets\134720\sheet\171-1.dwg



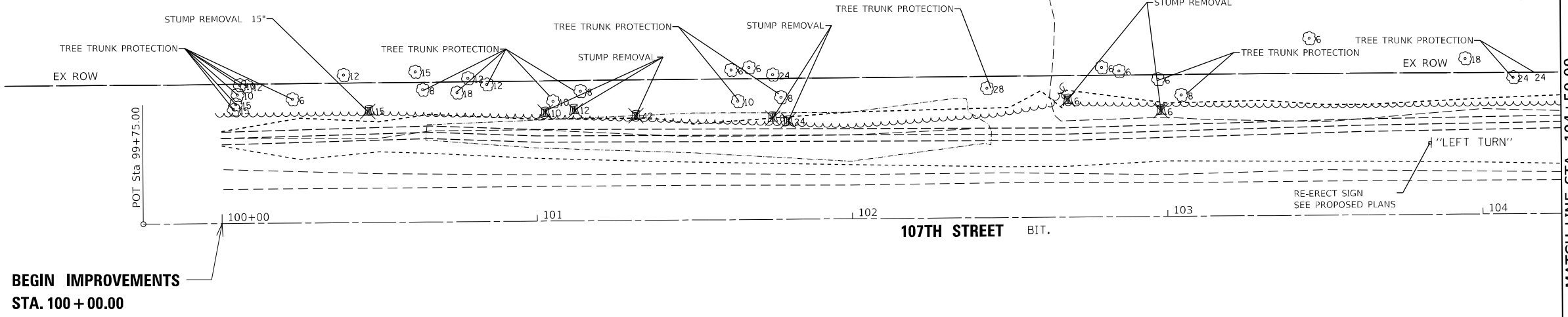
USER NAME = USKE715271	DESIGNED - MM	REVISED -
PLOT SCALE = 5,000' / in.	DRAWN - MM	REVISED -
PLOT DATE = 1/27/2026	CHECKED - KE	REVISED -
	DATE - 01/28/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

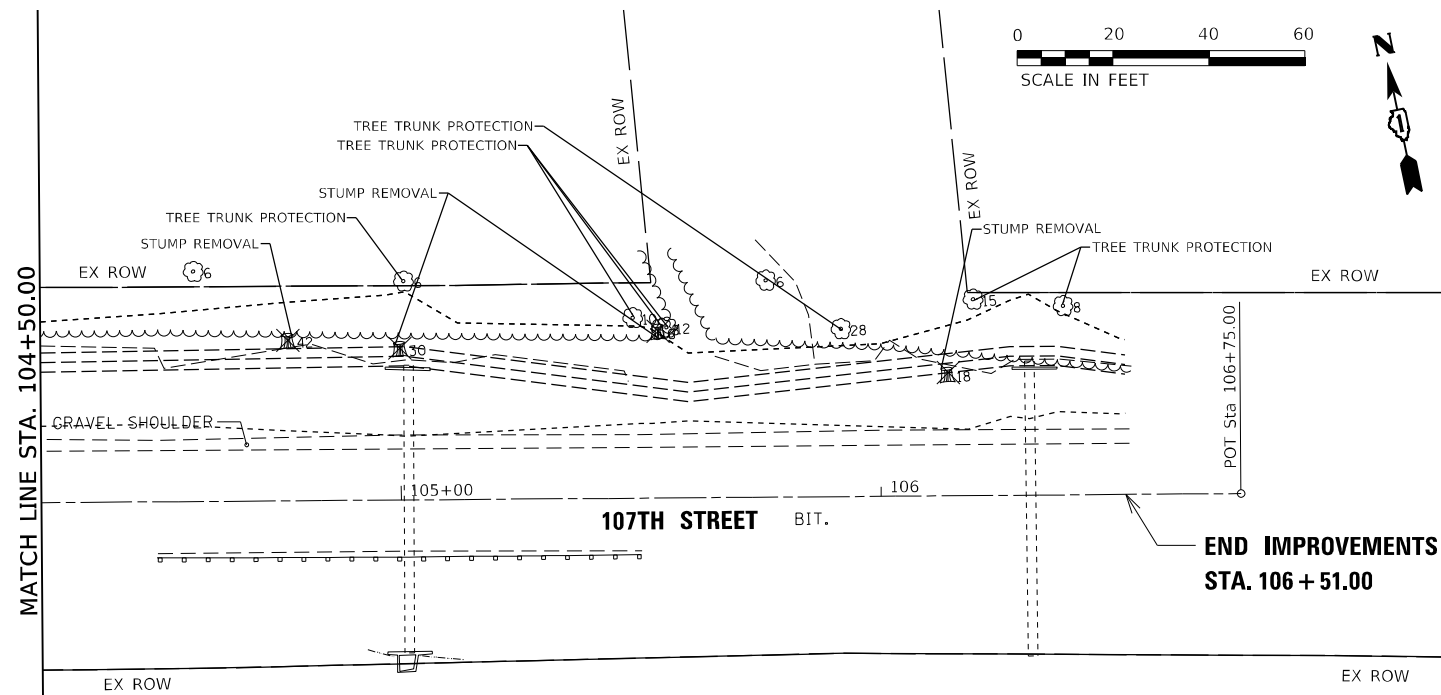
SCALE: SHEET OF SHEETS STA. TO STA.

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



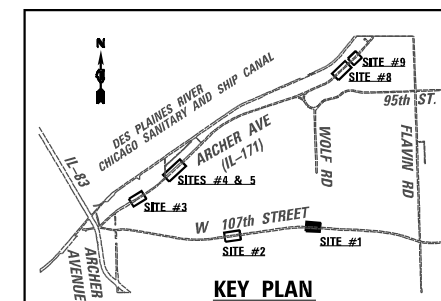
LEGEND

X STUMP REMOVAL



LEGEND

X STUMP REMOVAL



MODEL: D:\draft\...
FILE NAME: ...
PROJECT: 2050082306 - 15683 Drainage Improvements CAD Sheets\134720\sheet\171-rem-10.dwg



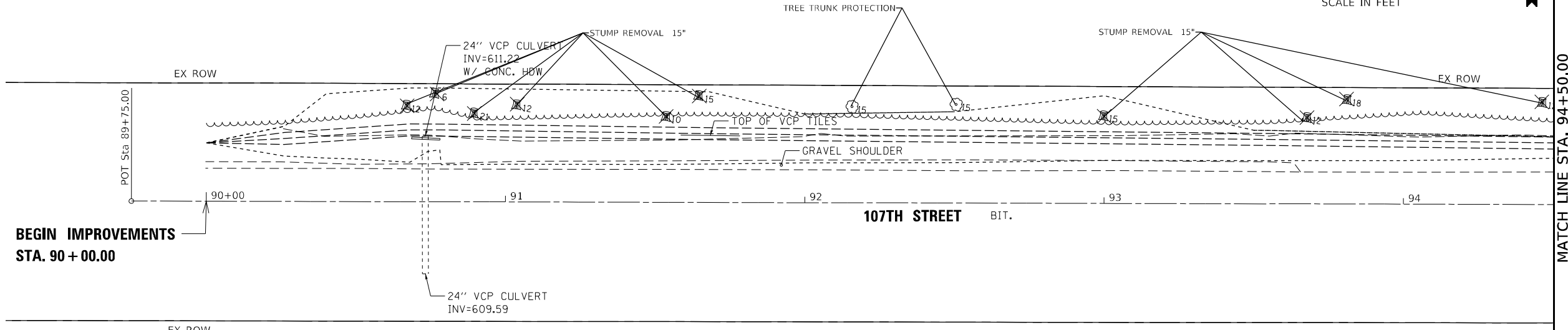
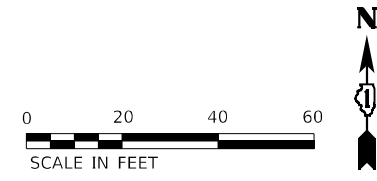
USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

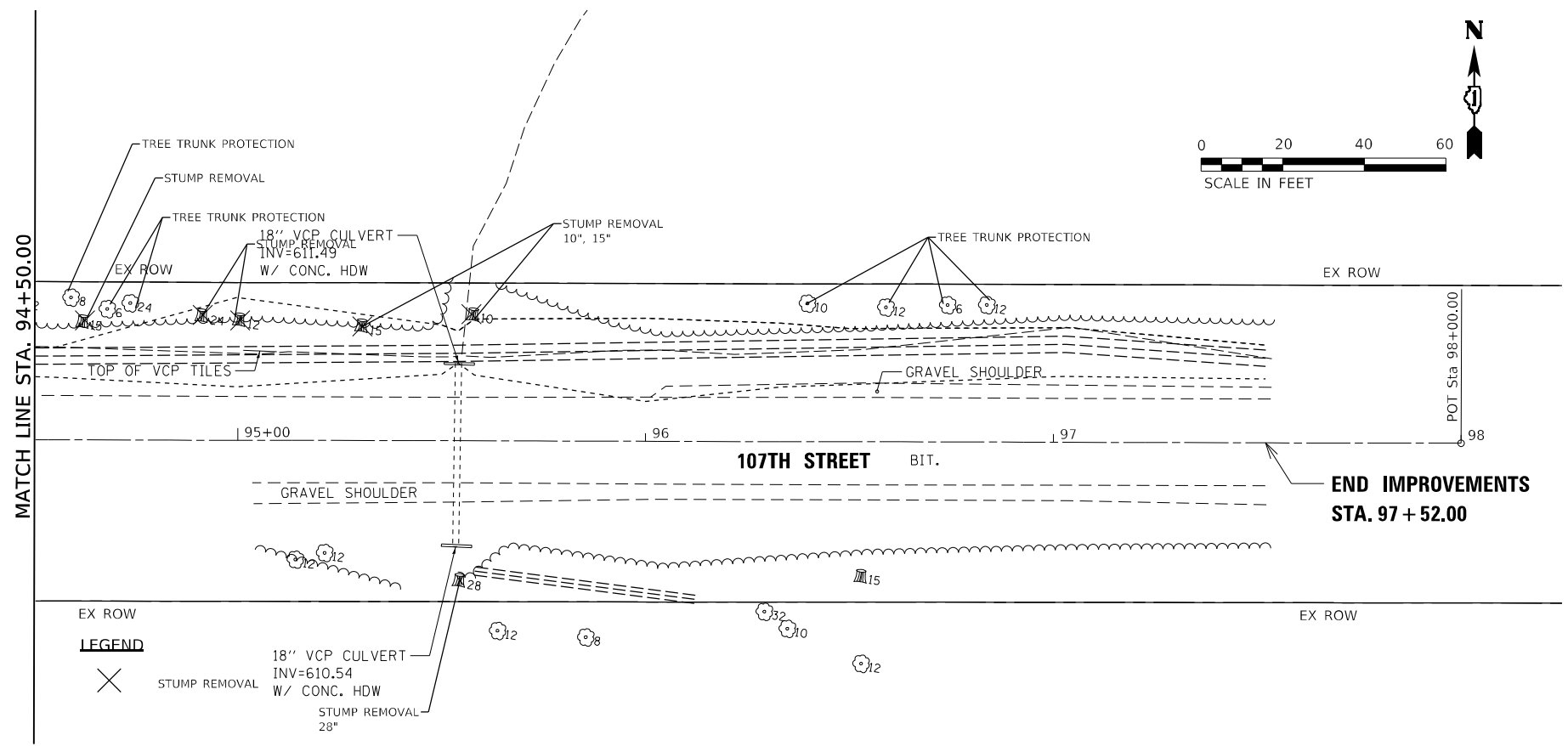
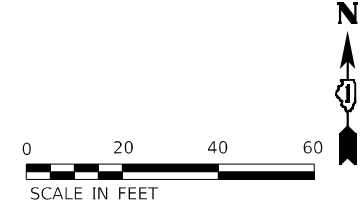
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	42
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



BEGIN IMPROVEMENTS
STA. 90 + 00.00

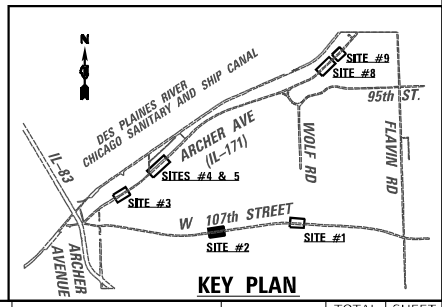
LEGEND
✕ STUMP REMOVAL

MATCH LINE STA: 94+50.00



END IMPROVEMENTS
STA. 97 + 52.00

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



MODEL: D:\draft\...
FILE NAME: p:\wsp\paw\ben\h\c\...
PROJECT: 2050082306 - 15683 Drainage Improvements CAD SheetID: 13472024\171-rim-102.dwg



USER NAME = USMM717315
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 12/8/2025

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

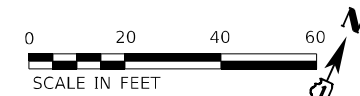
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITE #2 107TH STREET
REMOVAL PLAN

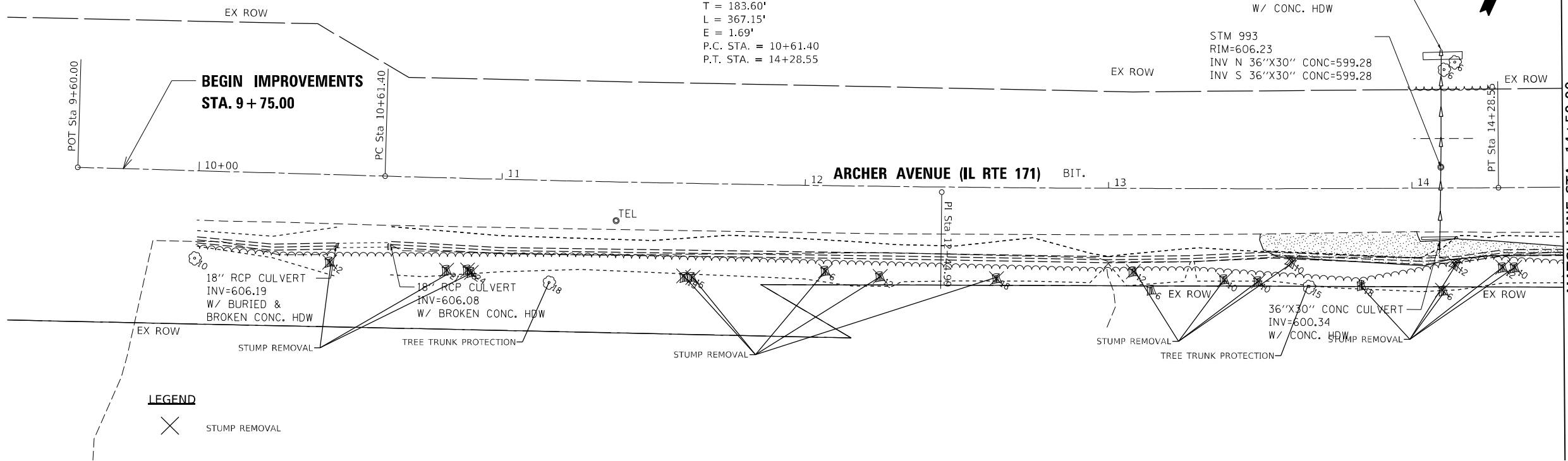
SCALE: 1"=20'
SHEET 2 OF 7 SHEETS
STA. 89+75.00 TO STA. 98+00.00

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

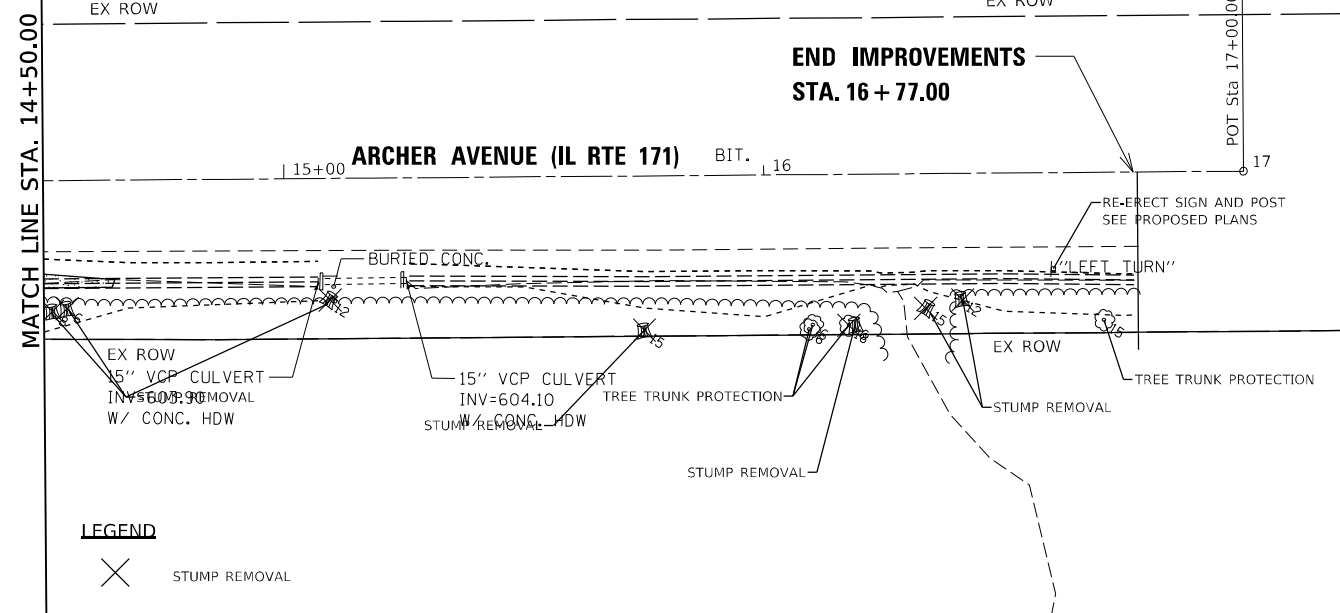
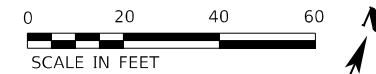
EXIST. CURVE EXCL-171-S3_3
 PI STA. = 12+44.99
 $\Delta = 2^\circ 06' 13''$ (LT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 183.60'$
 $L = 367.15'$
 $E = 1.69'$
 P.C. STA. = 10+61.40
 P.T. STA. = 14+28.55



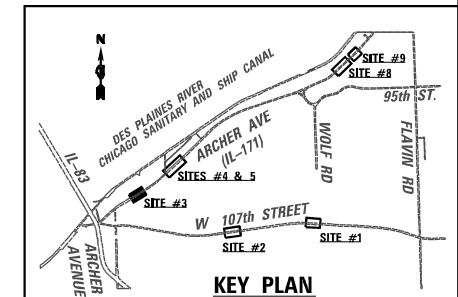
36"X30" CONC CULVERT
 INV=598.82
 W/ CONC. HDW
 STM 993
 RIM=606.23
 INV N 36"X30" CONC=599.28
 INV S 36"X30" CONC=599.28



LEGEND
 X STUMP REMOVAL



LEGEND
 X STUMP REMOVAL



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



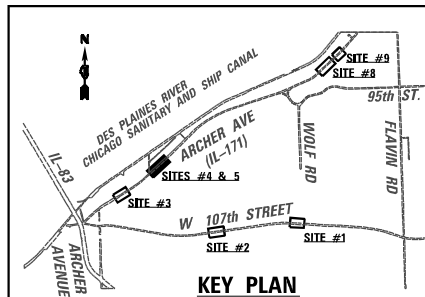
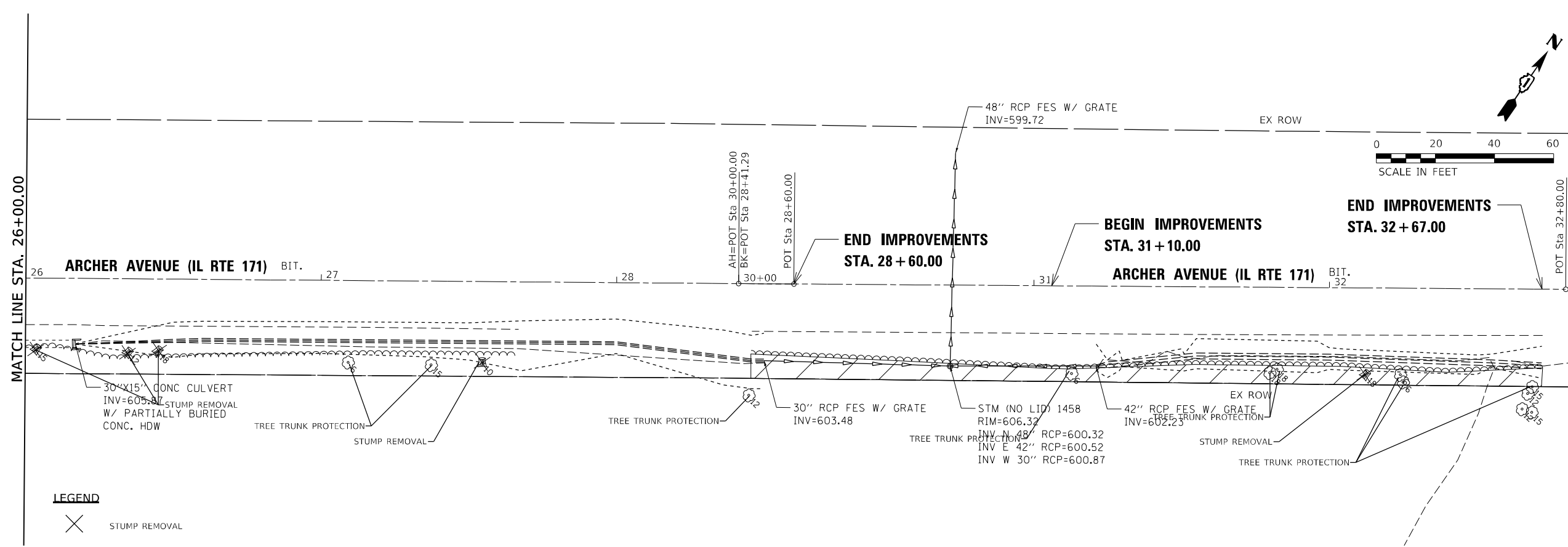
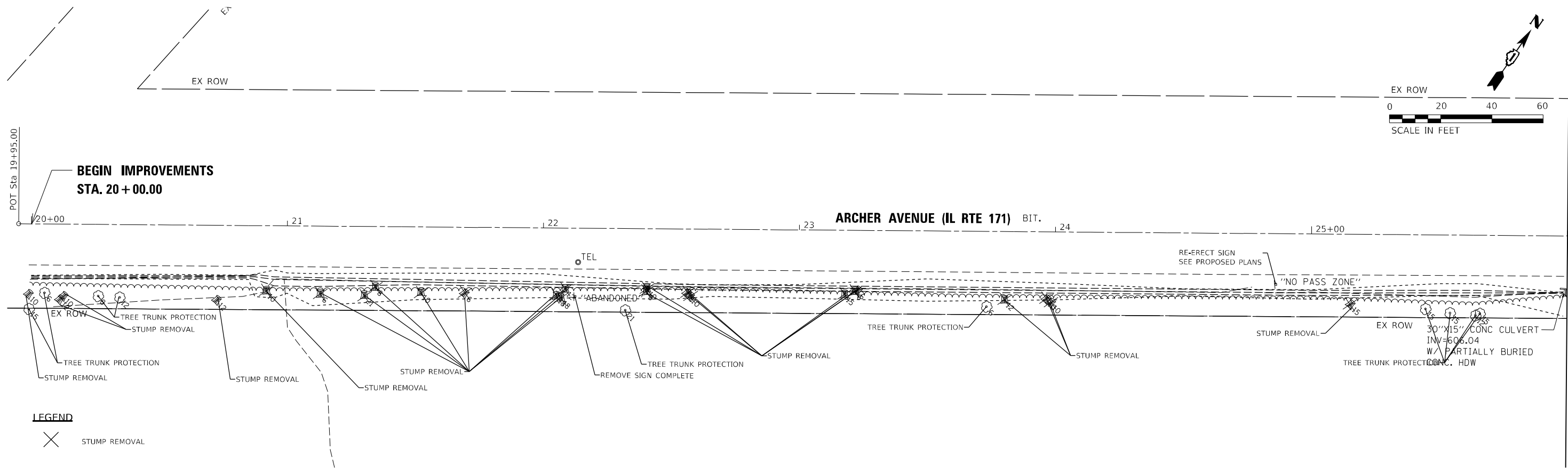
USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISOR -	
PLOT SCALE = 40,0000 */ in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SITE #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\ArchIL171-rim-104.dwg



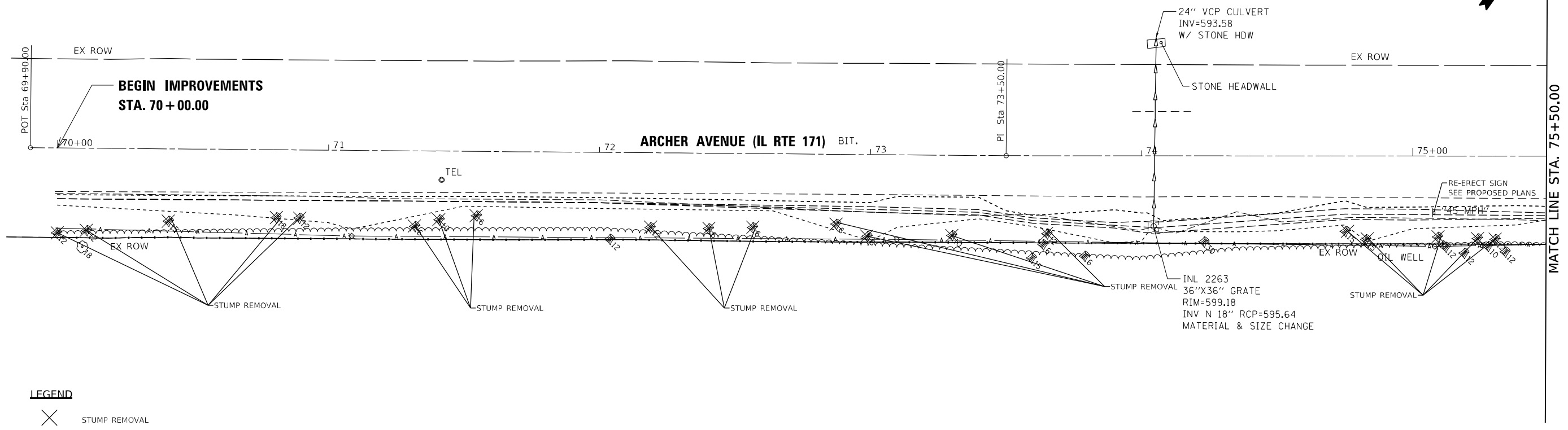
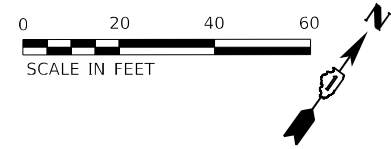
USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000 */ in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

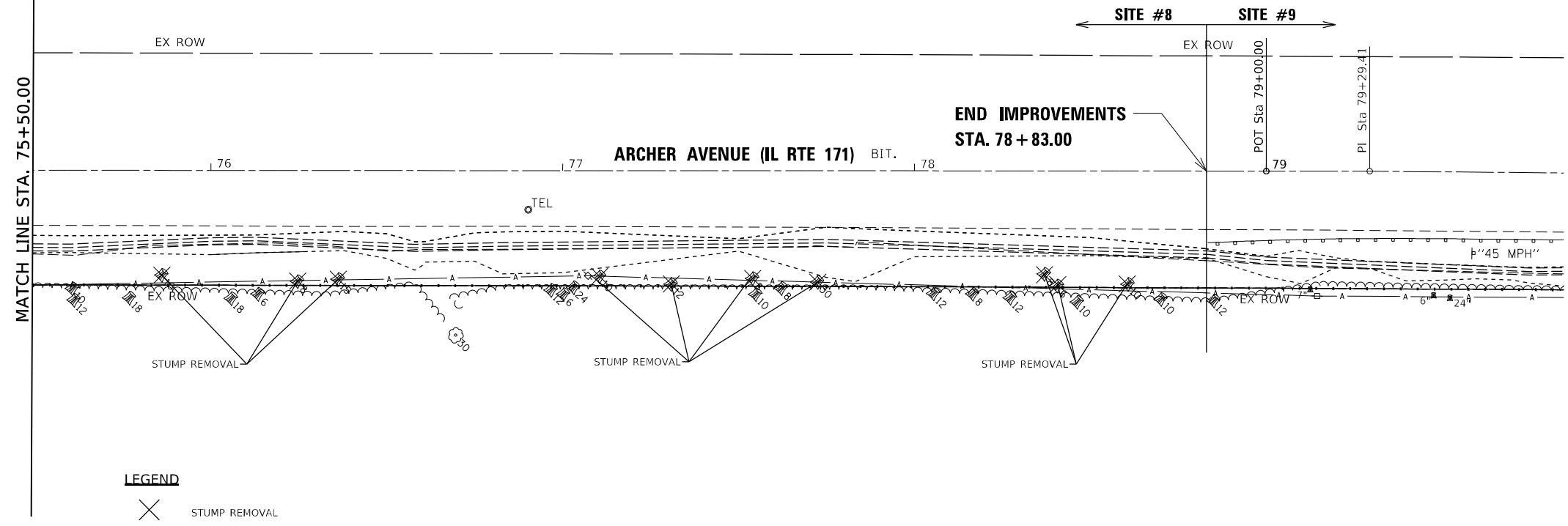
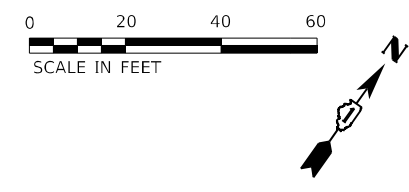
SITES #4 & 5 IL RTE 171
 REMOVAL PLAN

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

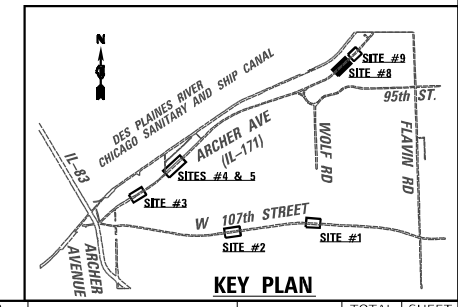
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	45
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



LEGEND
 X STUMP REMOVAL



LEGEND
 X STUMP REMOVAL



MODEL: Default
 FILE: NAME: p:\wsp\p-14-pk-bentley.com\user\p-14\Documents\Project_2050082306 - 15683 Drainage Improvements\CAD Sheets\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 -

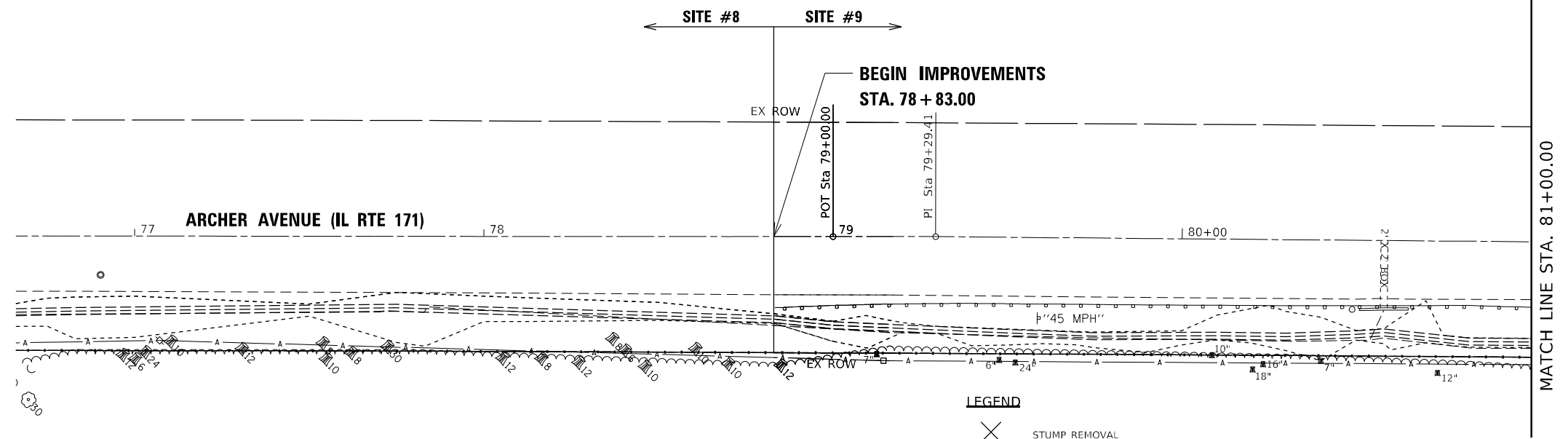
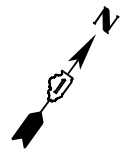
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITE #8 IL RTE 171
REMOVAL PLAN

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

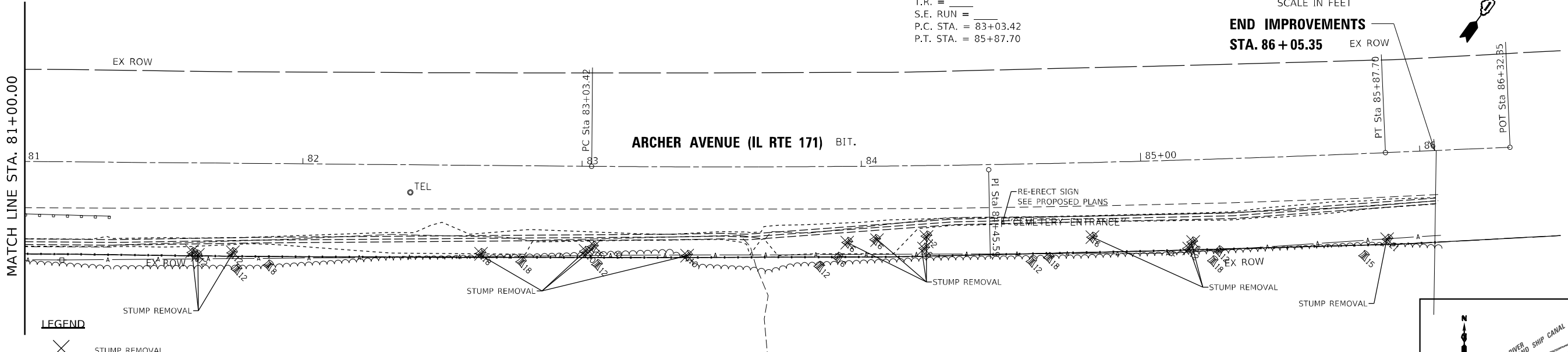
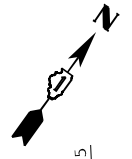
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	46
CONTRACT NO. 62V08				

ILLINOIS FED. AID PROJECT

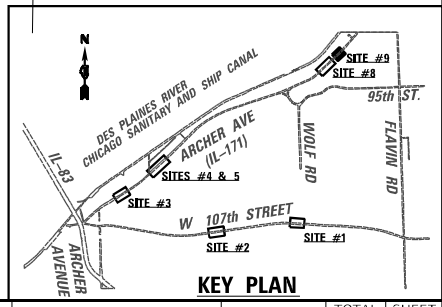


LEGEND
 X STUMP REMOVAL

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



MODEL: Default
 FILE NAME: p:\wsp-isp-pk-bentley.com\isp-pk-bentley.com\Documents\Project_20500823206 - 15683 Drainage Improvements\CAD_Sheets\1347205-171-rem-107.dgn
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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
File Name: 20230822003206.dwg
Project: 2050082206 - 15683_Drainage_ImprovementsCAD_Sheet013472022003206.dwg



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

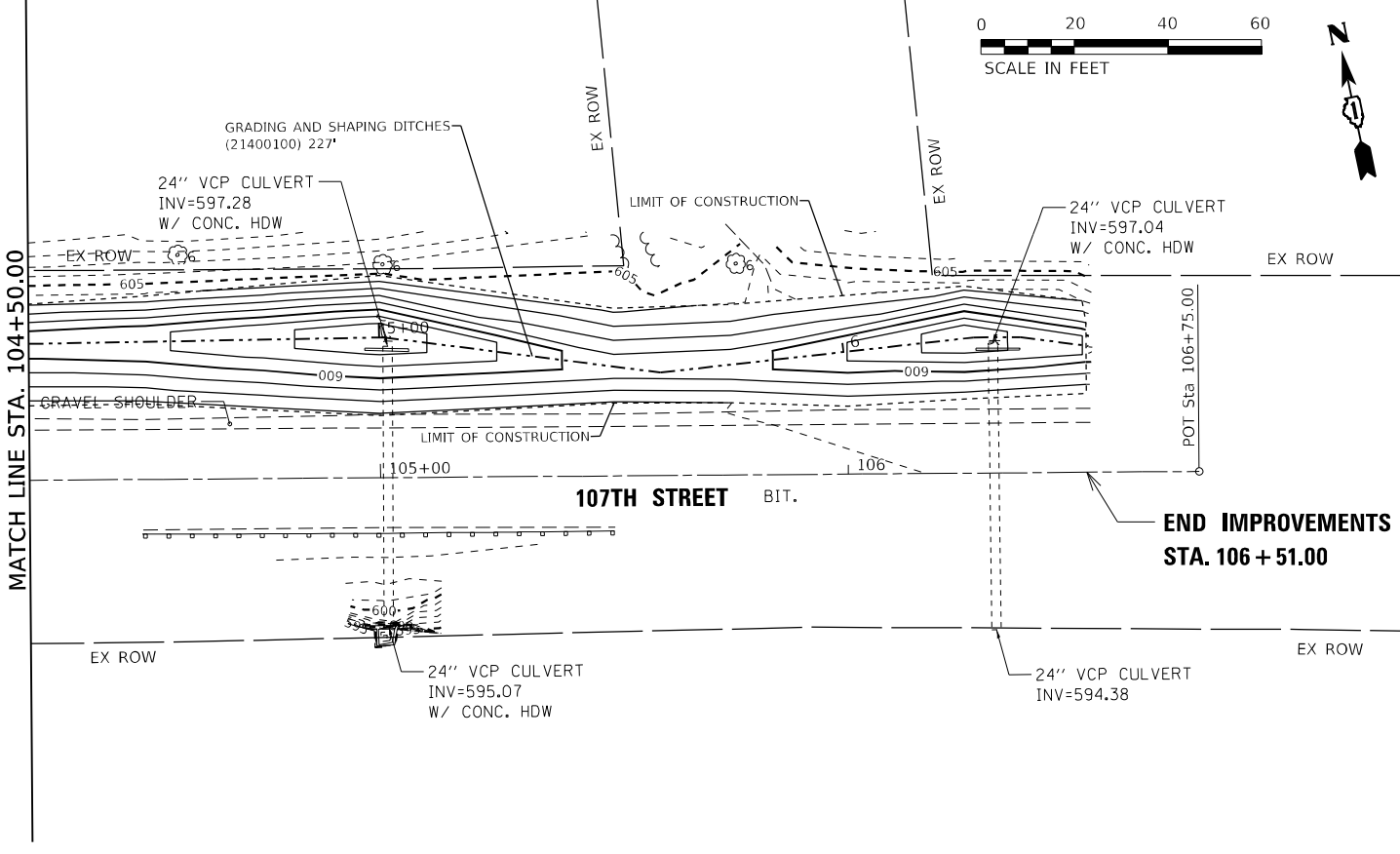
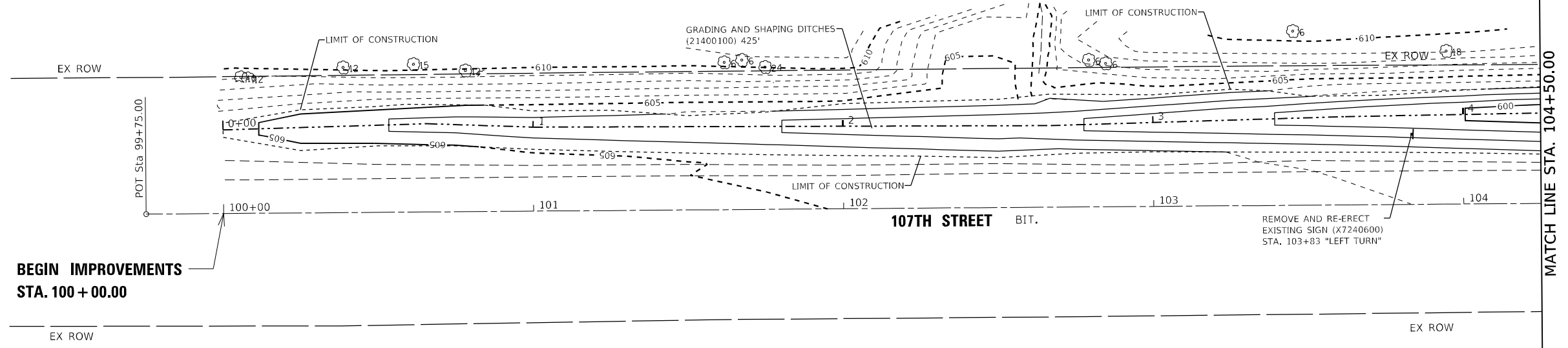
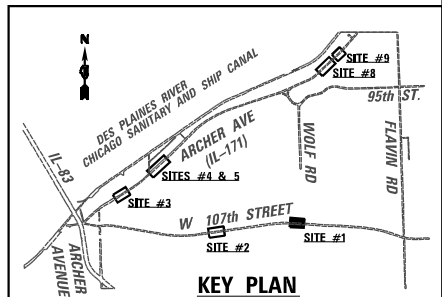
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITE #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.
	2023 VAR DRAINAGE	VARIOUS	136	48

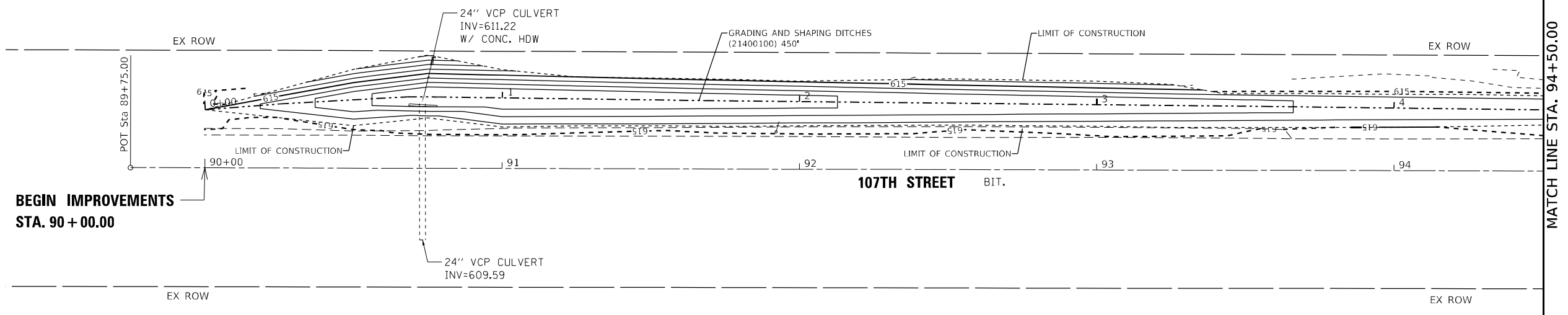
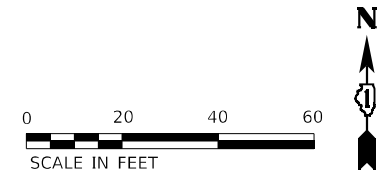
CONTRACT NO. 62V08
ILLINOIS FED. AID PROJECT



BEGIN IMPROVEMENTS
STA. 100 + 00.00

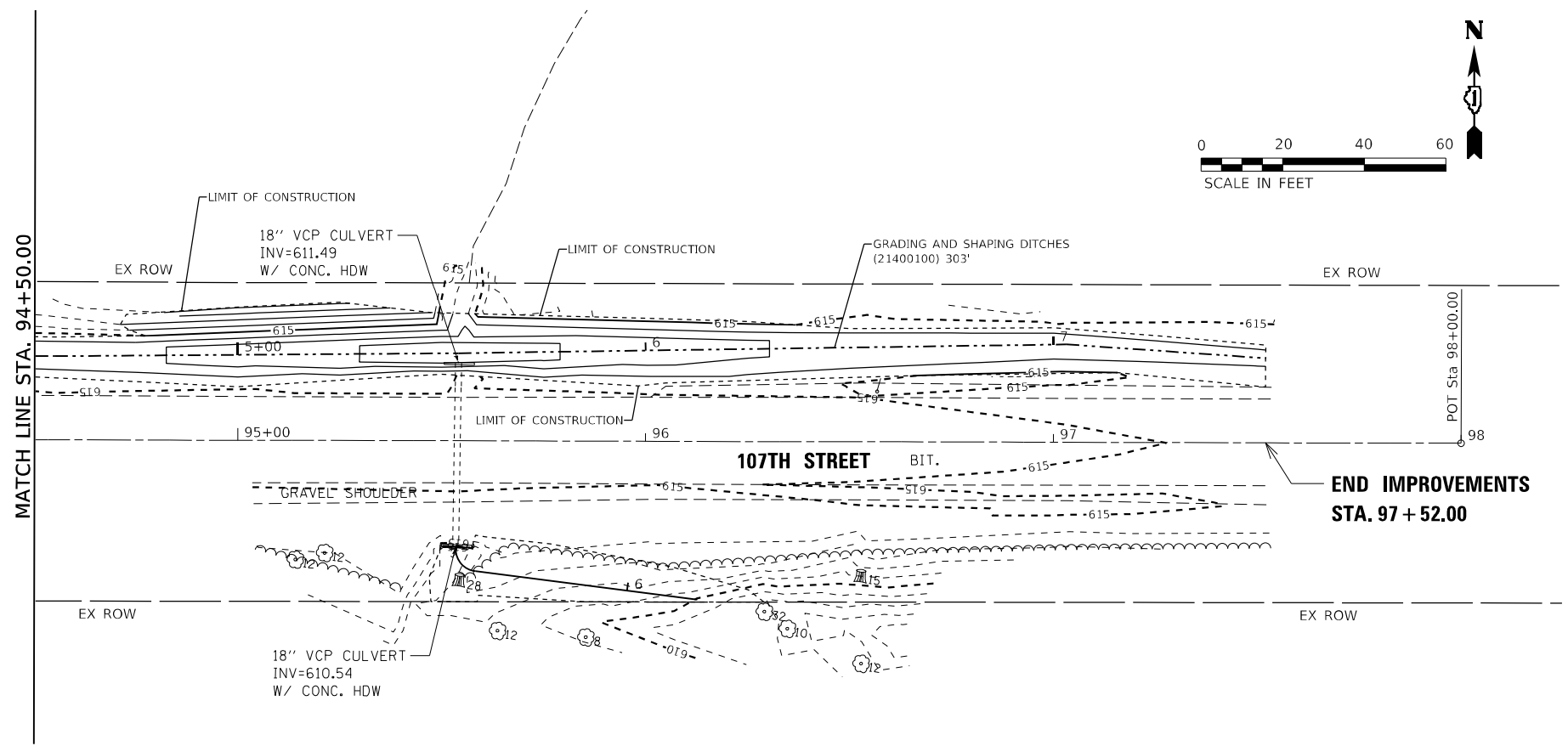
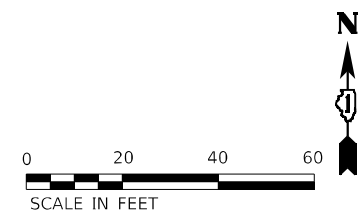
REMOVE AND RE-ERECT
EXISTING SIGN (X7240600)
STA. 103+83 "LEFT TURN"

END IMPROVEMENTS
STA. 106 + 51.00



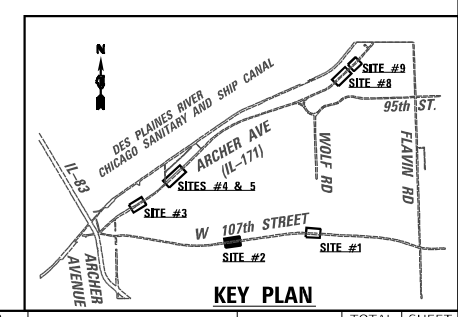
**BEGIN IMPROVEMENTS
STA. 90 + 00.00**

MATCH LINE STA. 94+50.00



MATCH LINE STA. 94+50.00

**END IMPROVEMENTS
STA. 97 + 52.00**



MODEL: D:\p\11...
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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 -

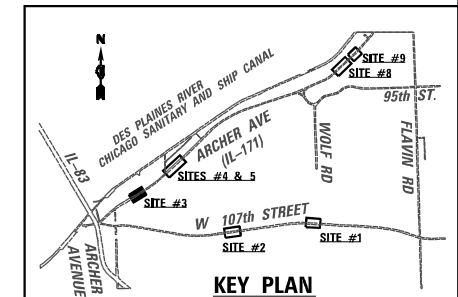
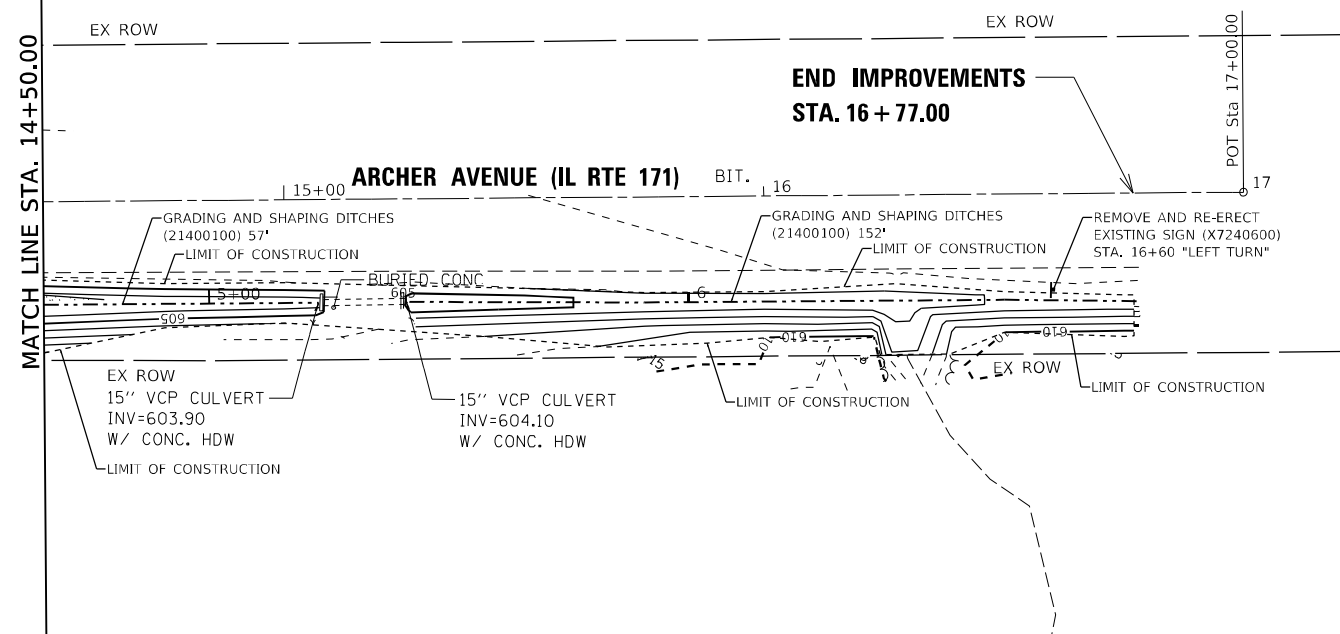
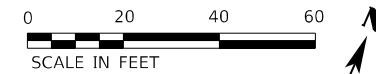
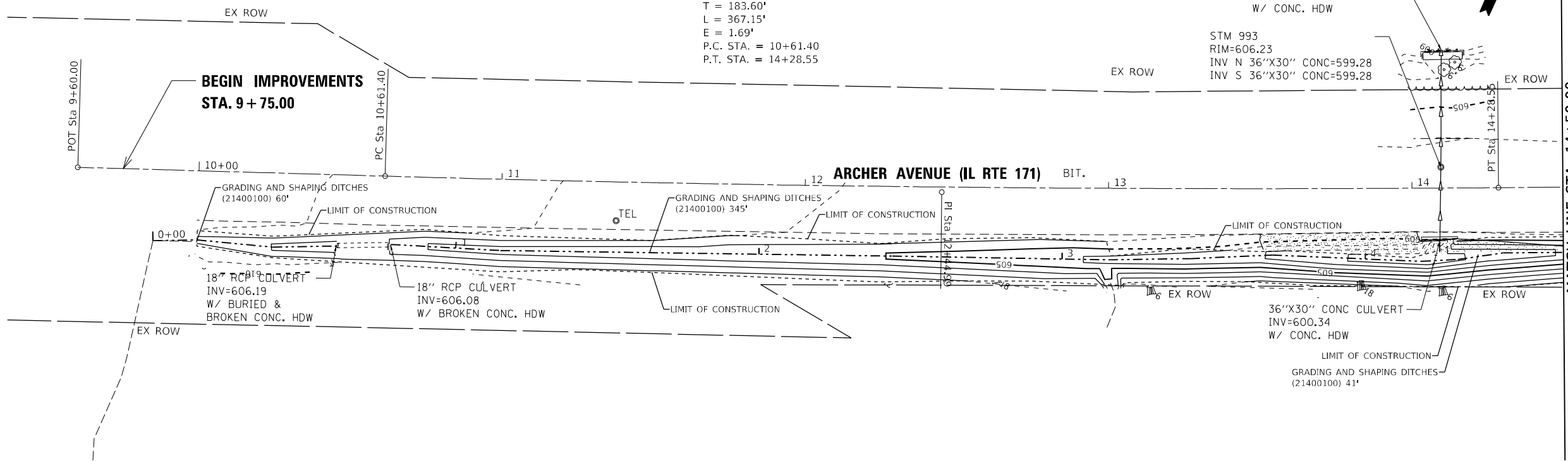
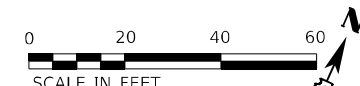
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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:\dwg\111\varsp-jsp-px-bentley.com\user\paw\paw\111\Documents\Project_2050082306 - 15683_Drainage_Improvements\CAD_Sheets\111\plan-103.dwg
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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**

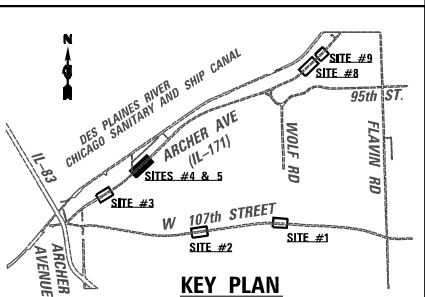
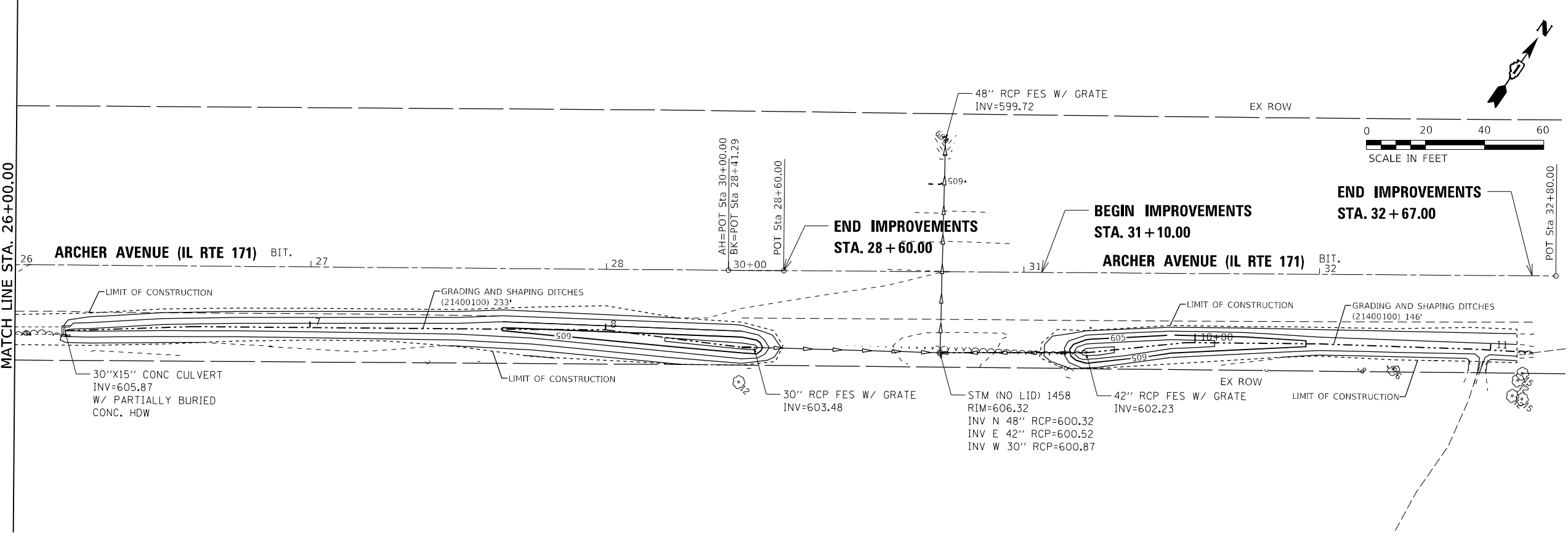
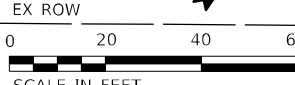
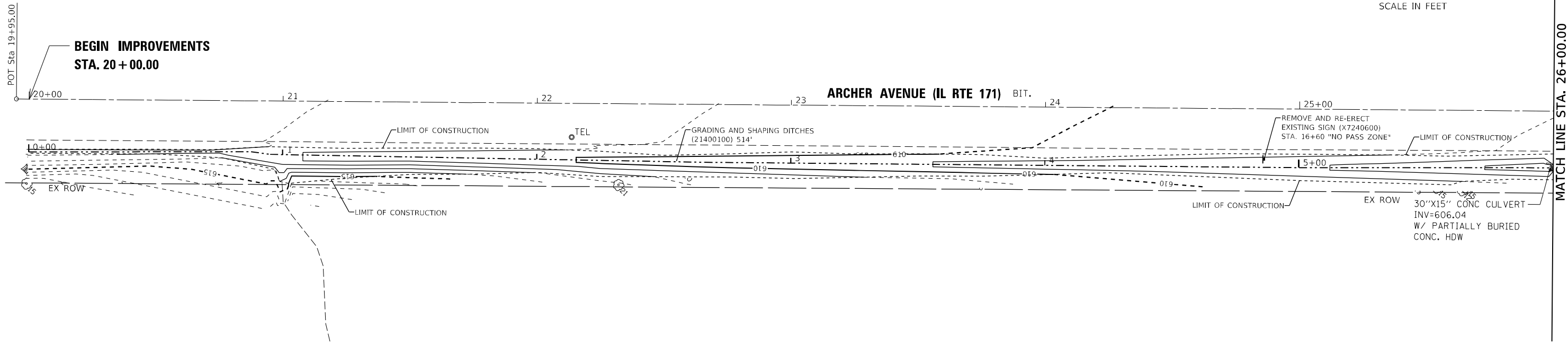
**SITE #3 IL RTE 171
 ROADWAY PLAN**

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\... FILE NAME: 2050082306 - 15683_Drainage_Improvements\CAD_Sheets\13472025\1171-dim-104.dgn



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**

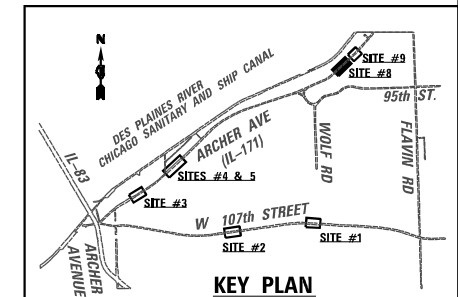
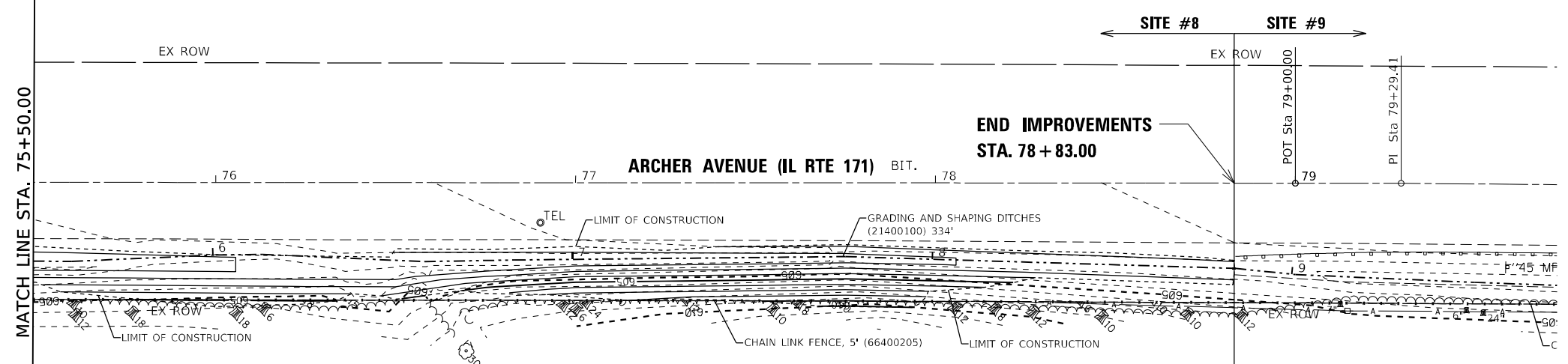
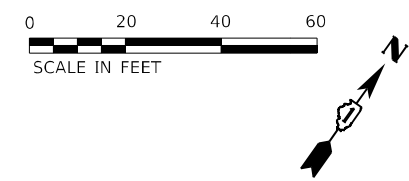
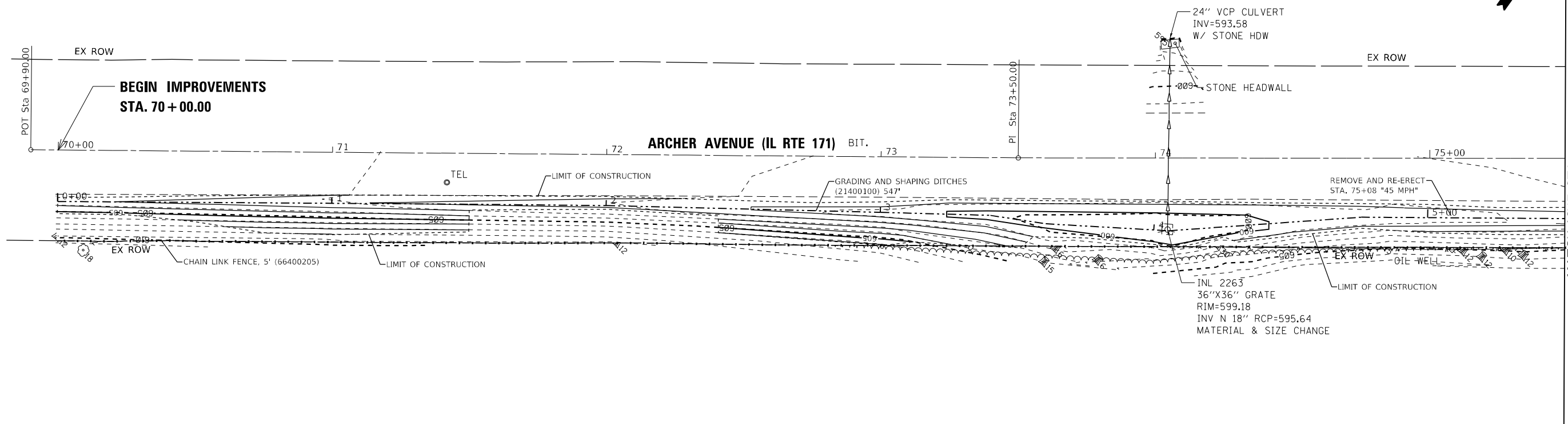
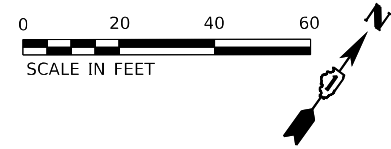
**SITES #4 & 5 IL RTE 171
ROADWAY PLAN**

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	51

CONTRACT NO. 62V08

ILLINOIS FED. AID PROJECT



MODEL: Default
 FILE NAME: p:\wsp\p4\p4\benfley.com\wsp\p4\p4\Documents\Project_20500823206 - 15683_Drainage Improvements\CAD_Sheets\13472025\11-17-25\plan-106.dgn



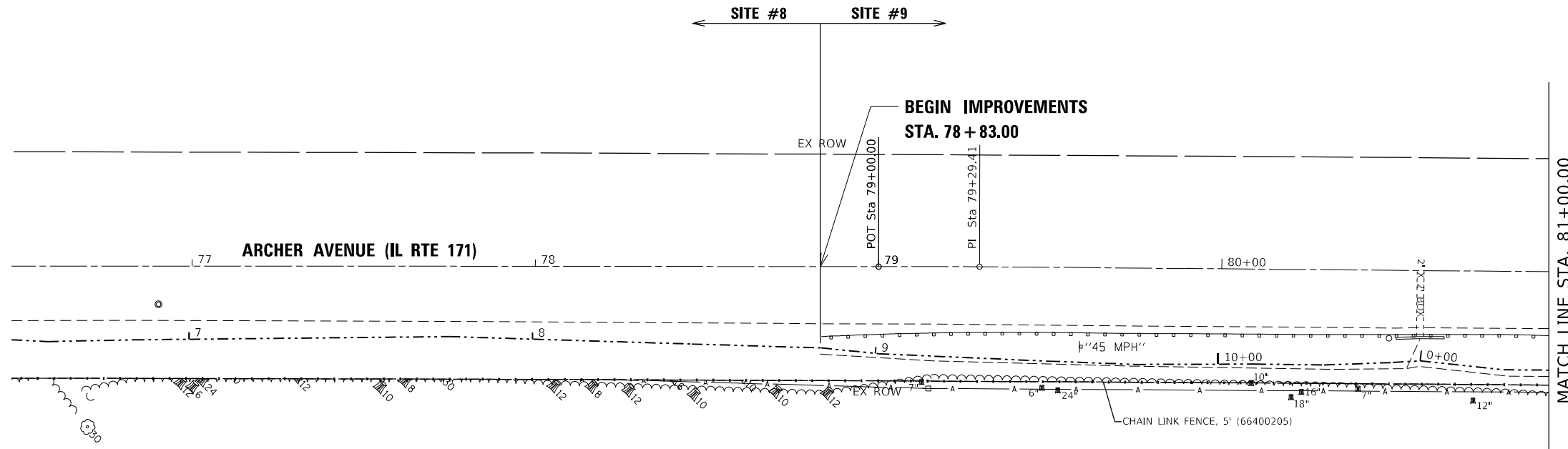
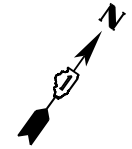
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DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

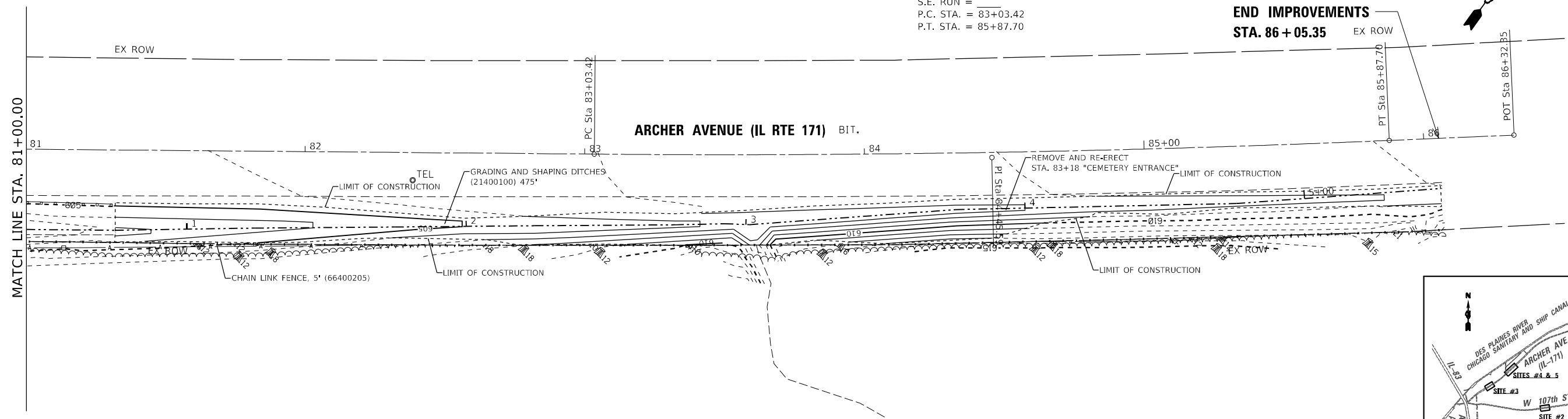
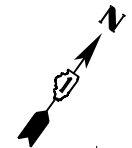
**SITE #8 IL RTE 171
 ROADWAY PLAN**

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

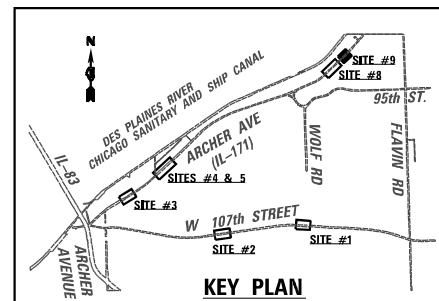
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	52
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



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



END IMPROVEMENTS
STA. 86 + 05.35



MODEL: Default
 FILE NAME: p:\wsp\p4\p4\benley.com\var\p4\p4\Documents\Project_2050082306 - 15683 Drainage Improvements\CAD_Sheets\134720\ArchIL171-dim-107.dgn



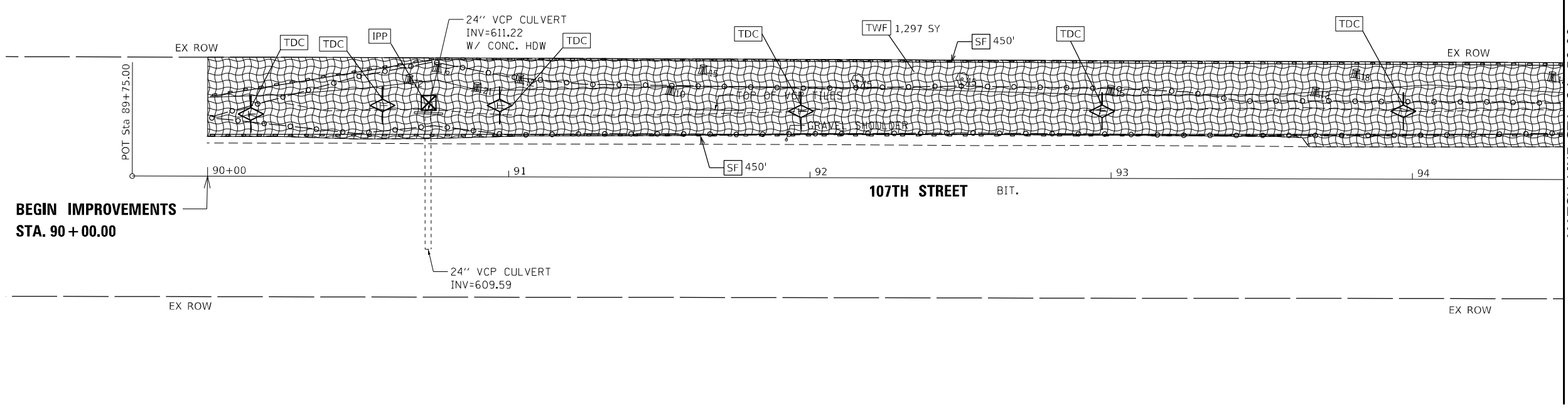
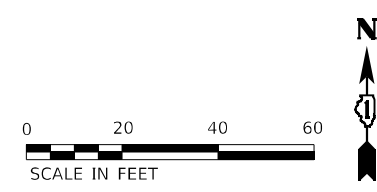
USER NAME = USMM717315	DESIGNED - MM	REVISED -
DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITE #9 IL RTE 171
ROADWAY PLAN

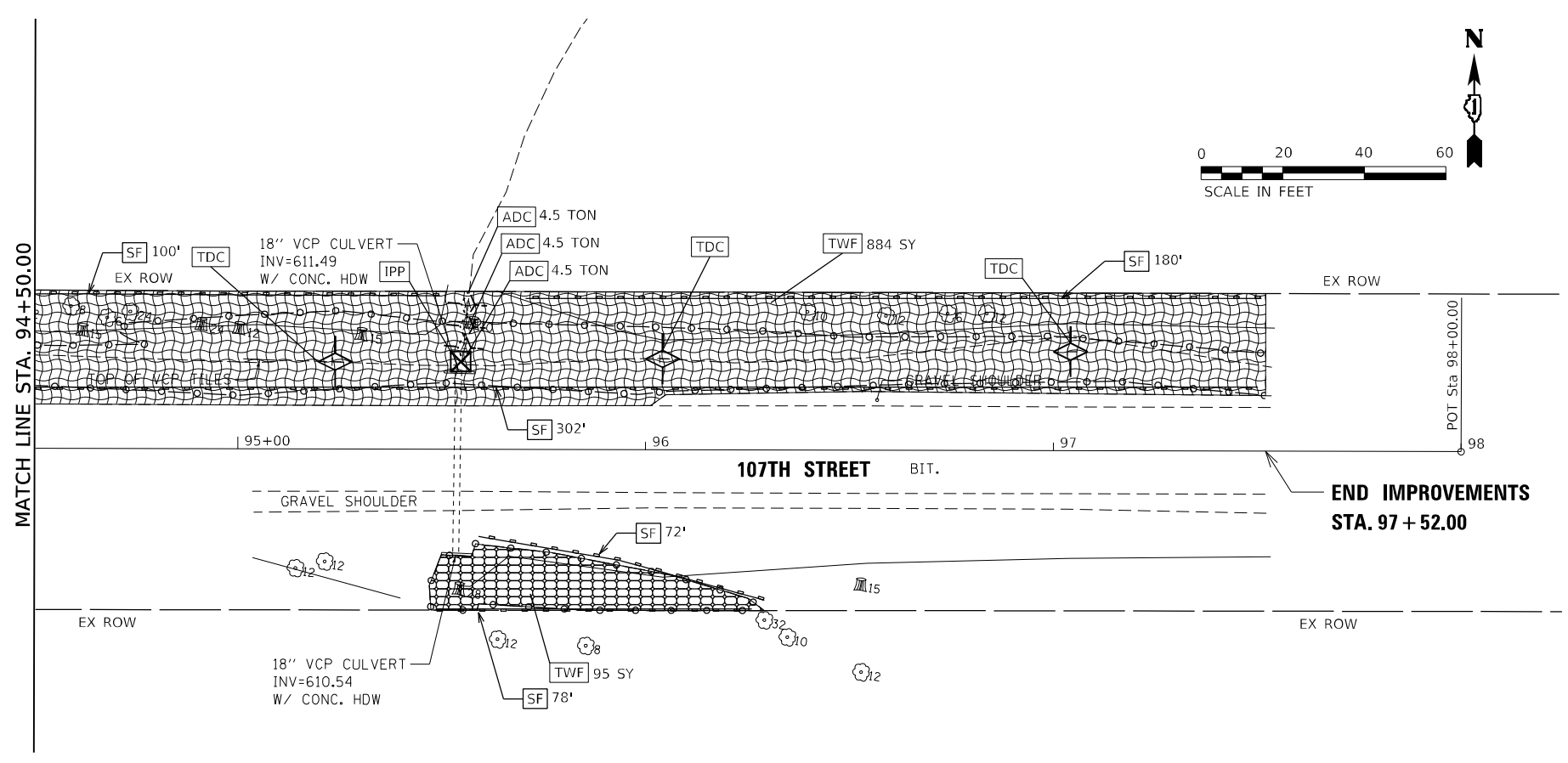
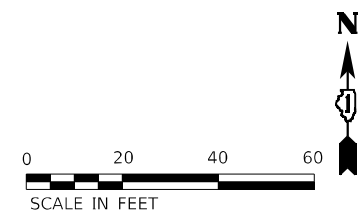
SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 78+83.00 TO STA. 86+05.35

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



BEGIN IMPROVEMENTS
STA. 90 + 00.00

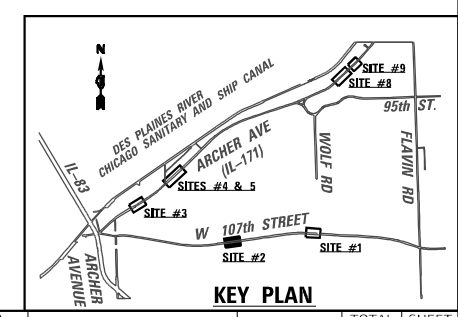
MATCH LINE STA. 94+50.00



END IMPROVEMENTS
STA. 97 + 52.00

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



MODEL: Default
 FILE NAME: p:\wsp\p-wsp-uspa-bentley.com\uspa-bentley.com\uspa-bentley.com\Documents\Project_2050082306 - 15683 Drainage Improvements\CAD Sheets\134720-uspa-bentley.com\134720-uspa-bentley.com.dgn
 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 -

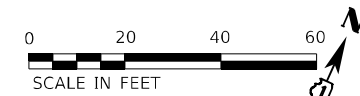
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: 1"=20'	SHEET 2	OF 7	SHEETS	STA. 89+75.00	TO STA. 98+00.00
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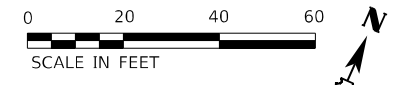
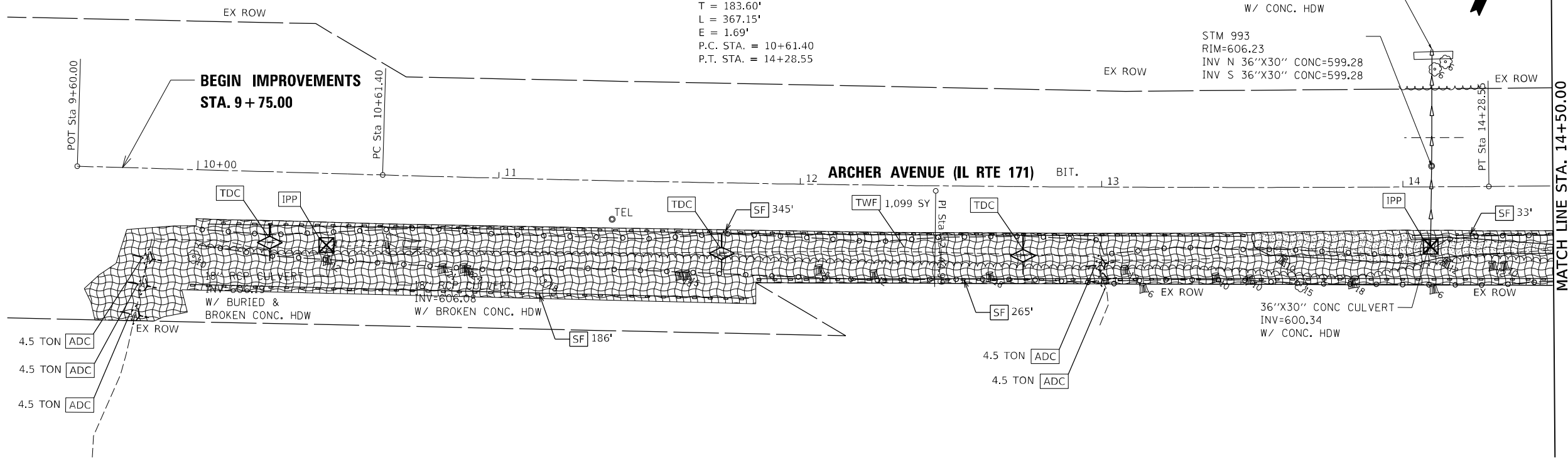
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	55
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

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



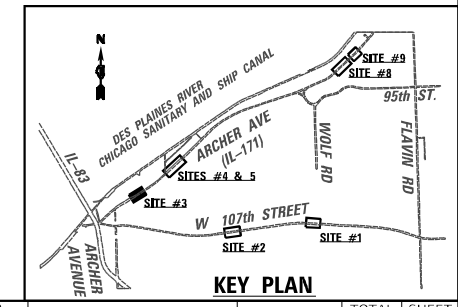
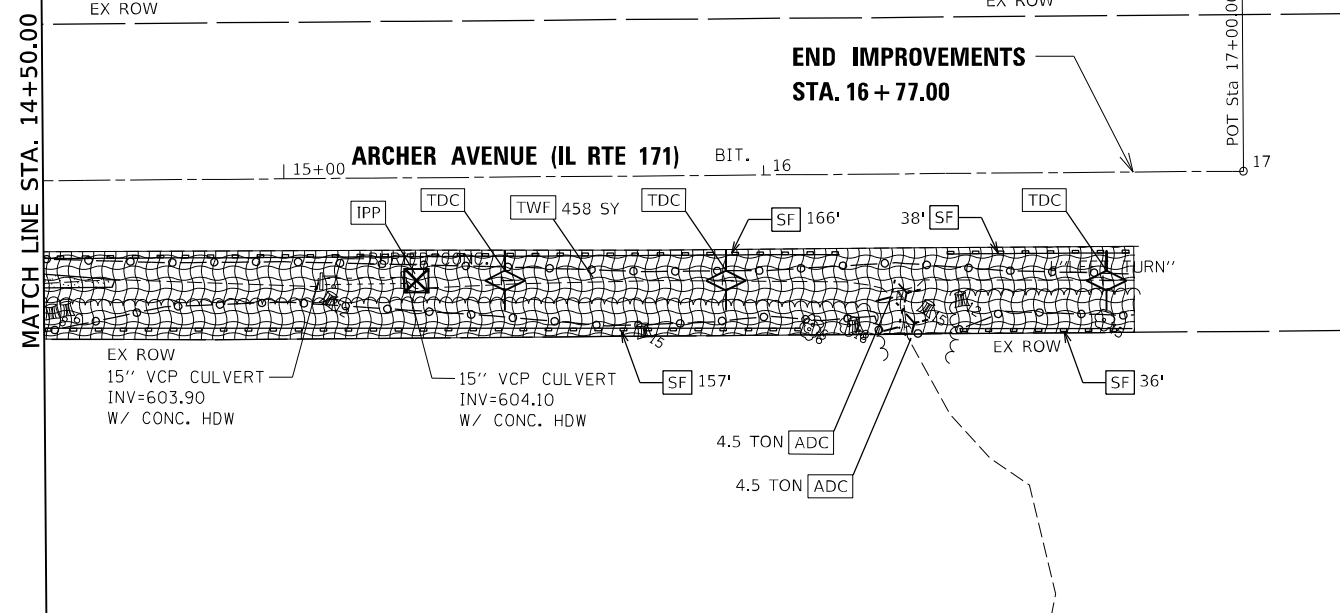
36"X30" CONC CULVERT
 INV=598.82
 W/ CONC. HDW

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



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 -
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**

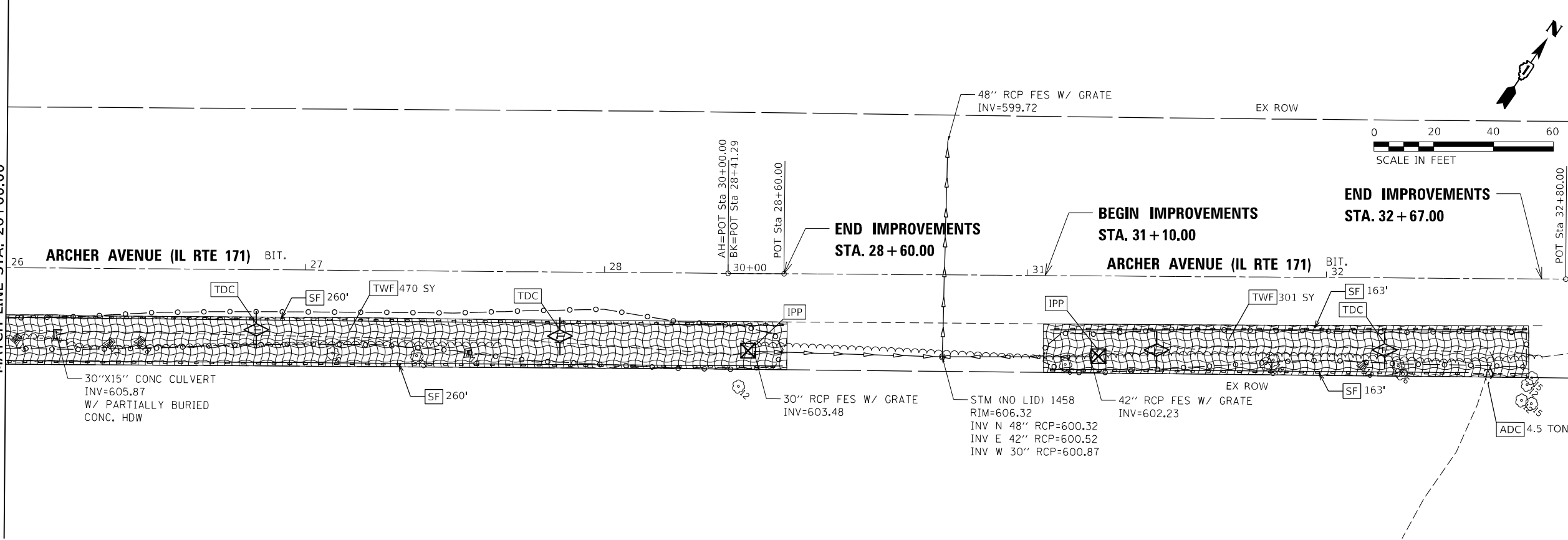
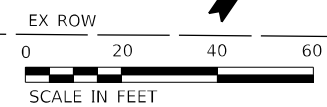
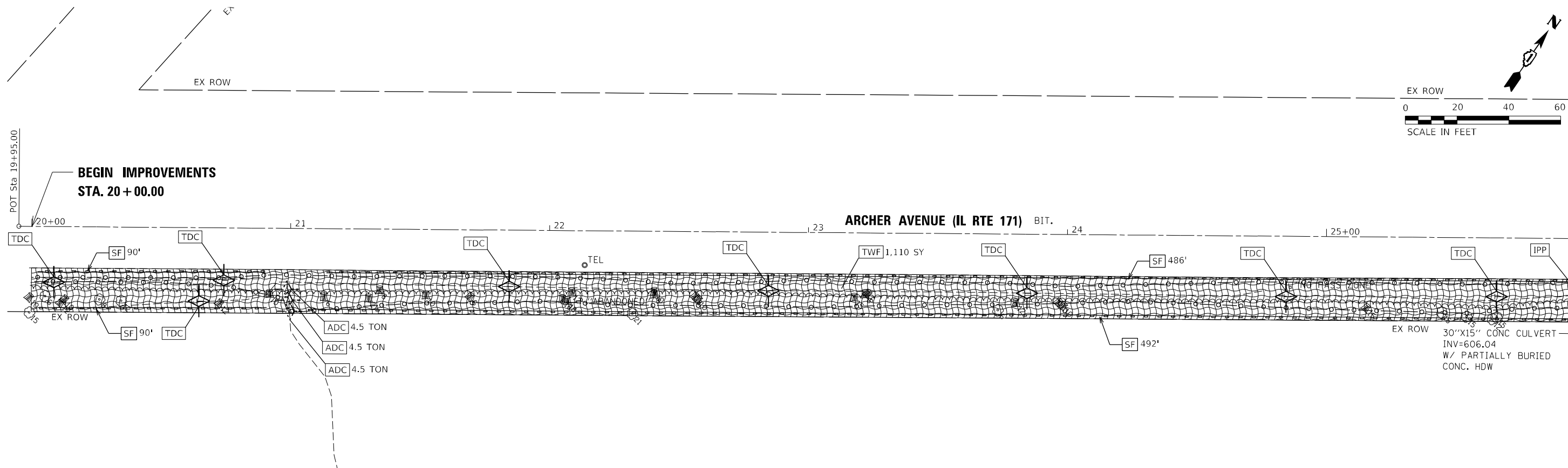
**SITE #3 IL RTE 171
 EROSION CONTROL PLAN**

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

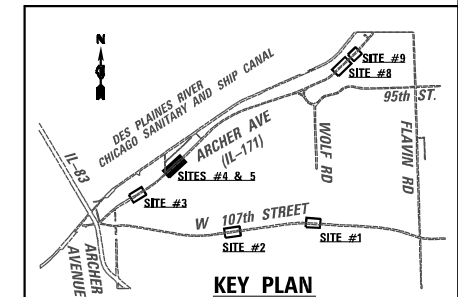
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	56
			CONTRACT NO. 62V08	

ILLINOIS FED. AID PROJECT

MODEL: D:\default...
 FILE NAME: p:\wsp\p-14-171\171-eros-103.dgn
 PROJECT: 2050082306 - 15683 Drainage Improvements\CAD Sheets\171-eros-103.dgn



- 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



MODEL: D:\default...
 FILE NAME: p:\wsp\p-wsp-pwk-bentley.com\wsp\p-wsp-pwk-bentley.com\Documents\Project_2050082306 - 15683_Drainage_Improvements\CAD_Sheets\13472024\171-Eros-104.dgn



USER NAME	= USMM717315
DESIGNED	- MM
DRAWN	- MM
CHECKED	- KE
DATE	- 12/10/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

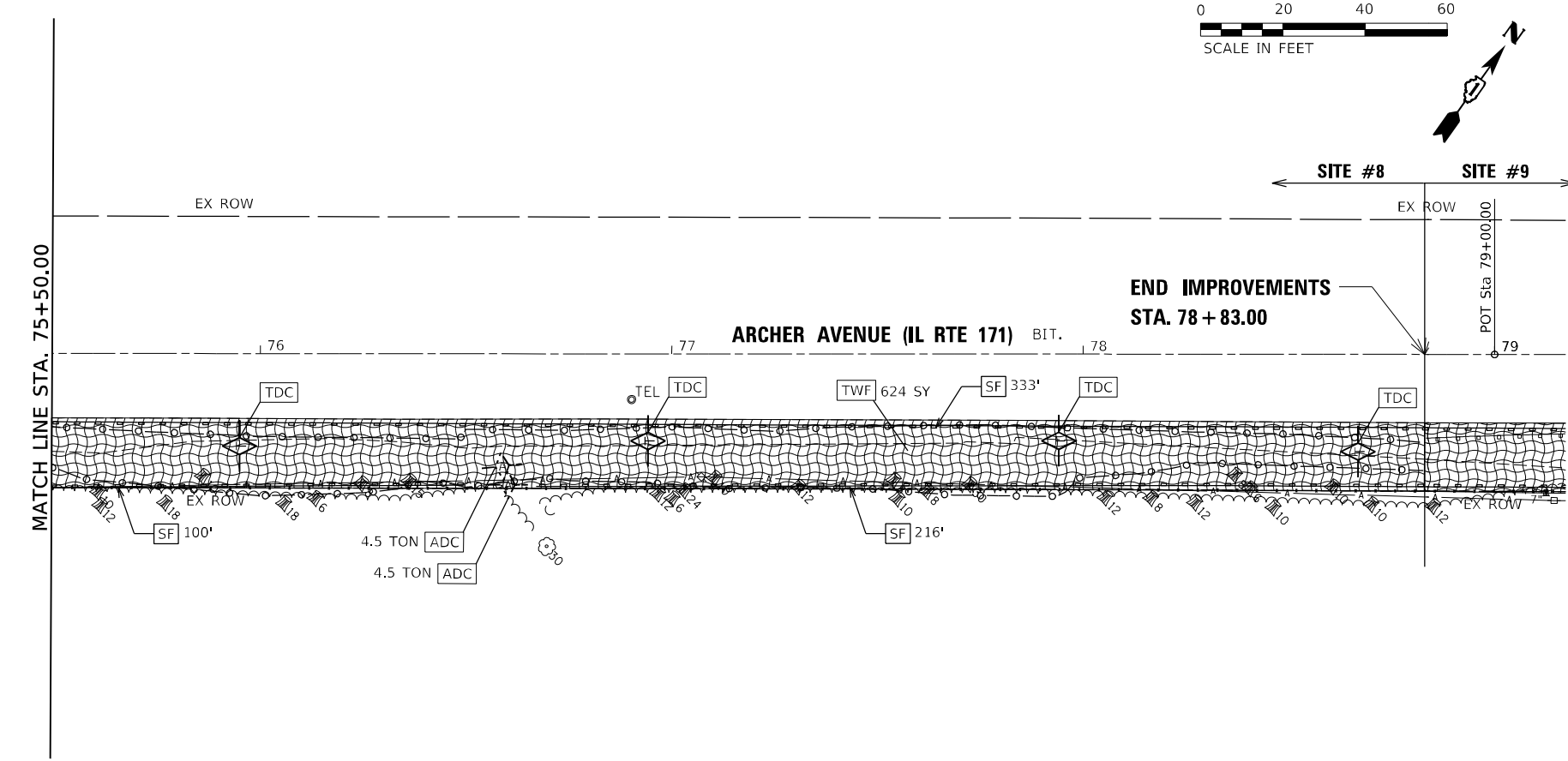
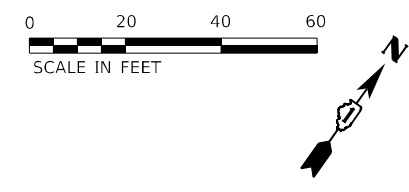
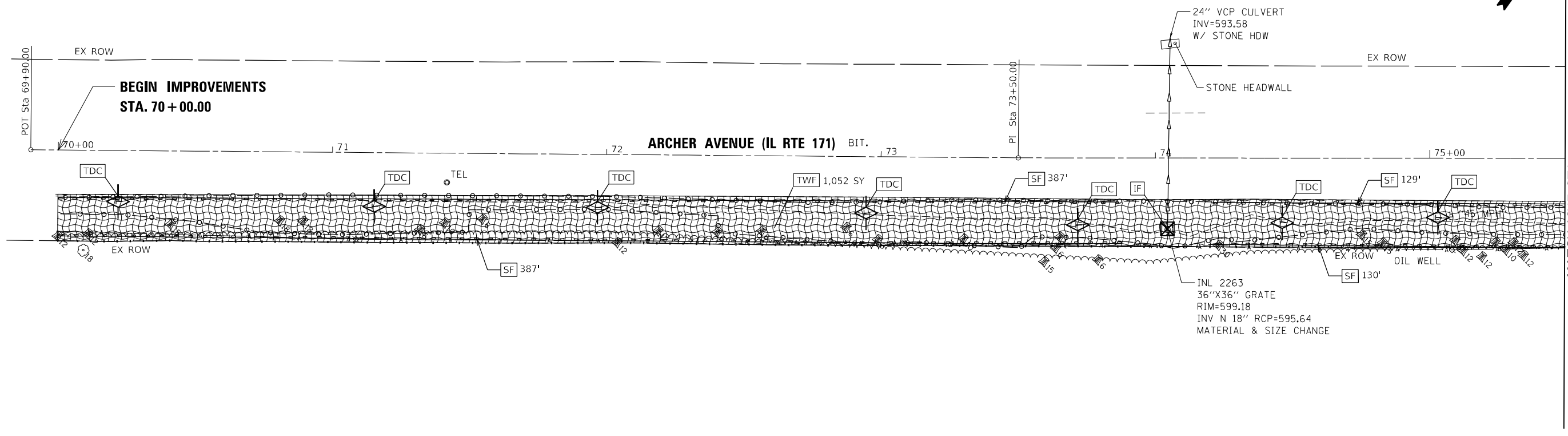
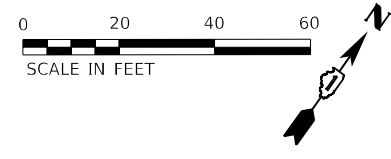
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #4 & 5 IL RTE 171
EROSION CONTROL PLAN

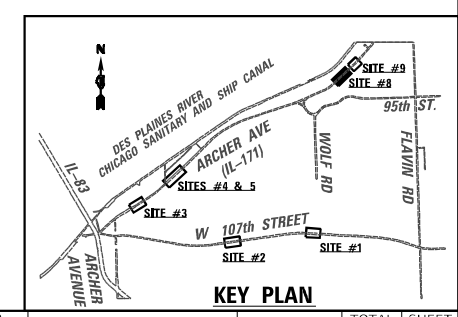
SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 19+95.00 TO STA. 32+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	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



MODEL: Default
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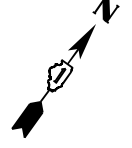
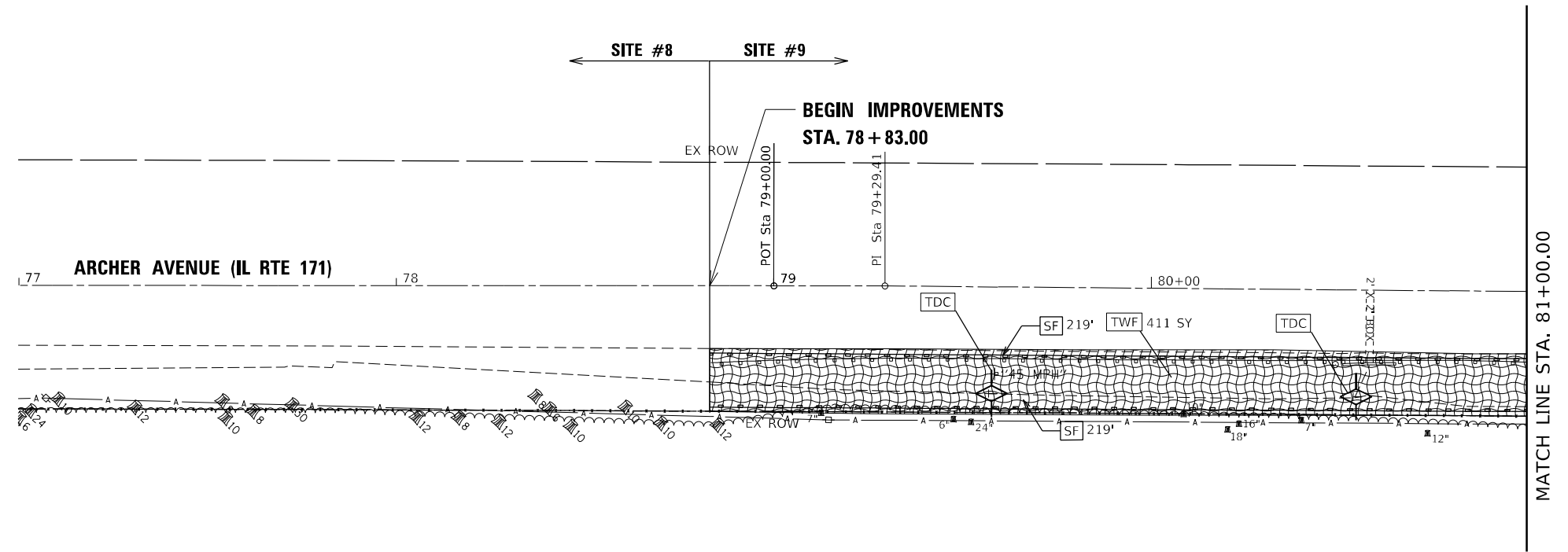
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DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000' / in.	CHECKED - KE	REVISED -
PLOT DATE = 12/8/2025	DATE - 12/10/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SITE #8 IL RTE 171
EROSION CONTROL PLAN**

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

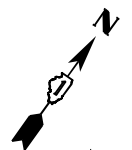
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	58
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



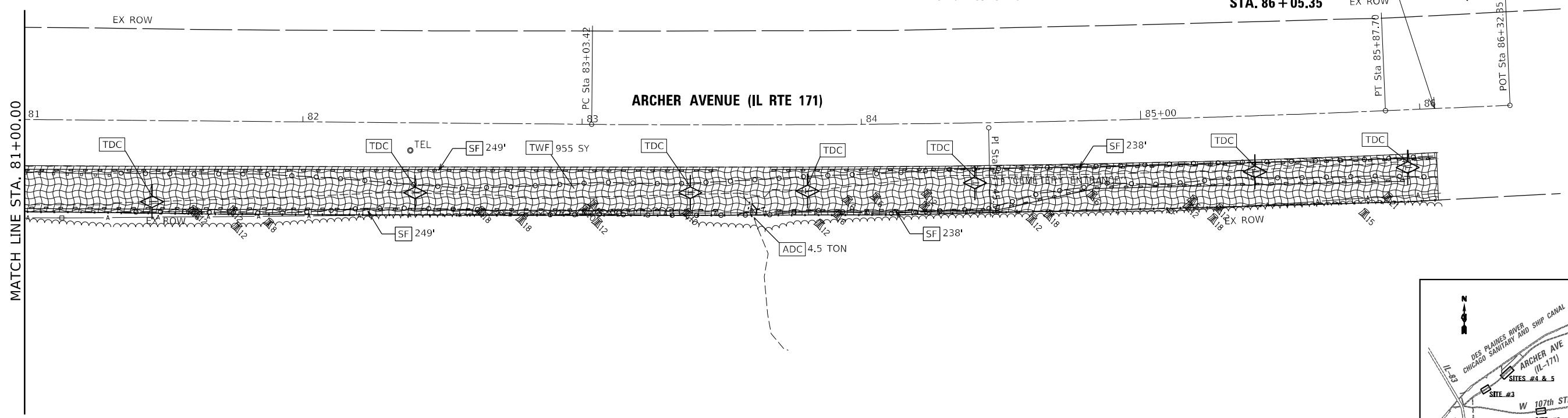
EROSION CONTROL LEGEND

- [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

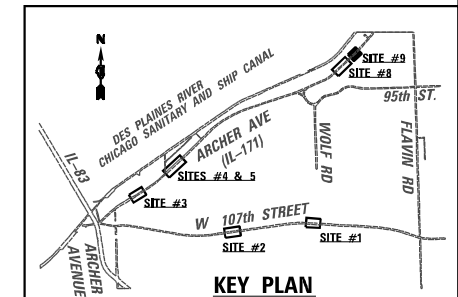
EXIST. CURVE EXCL-171-S9_5
 PI STA. = 84+45.59
 $\Delta = 2^\circ 57' 42''$ (LT)
 $D = 1^\circ 02' 30''$
 $R = 5,500.00'$
 $T = 142.18'$
 $L = 284.29'$
 $E = 1.84'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 83+03.42$
 $P.T. STA. = 85+87.70$



**END IMPROVEMENTS
 STA. 86+05.35**



**END IMPROVEMENTS
 STA. 86+05.35**



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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

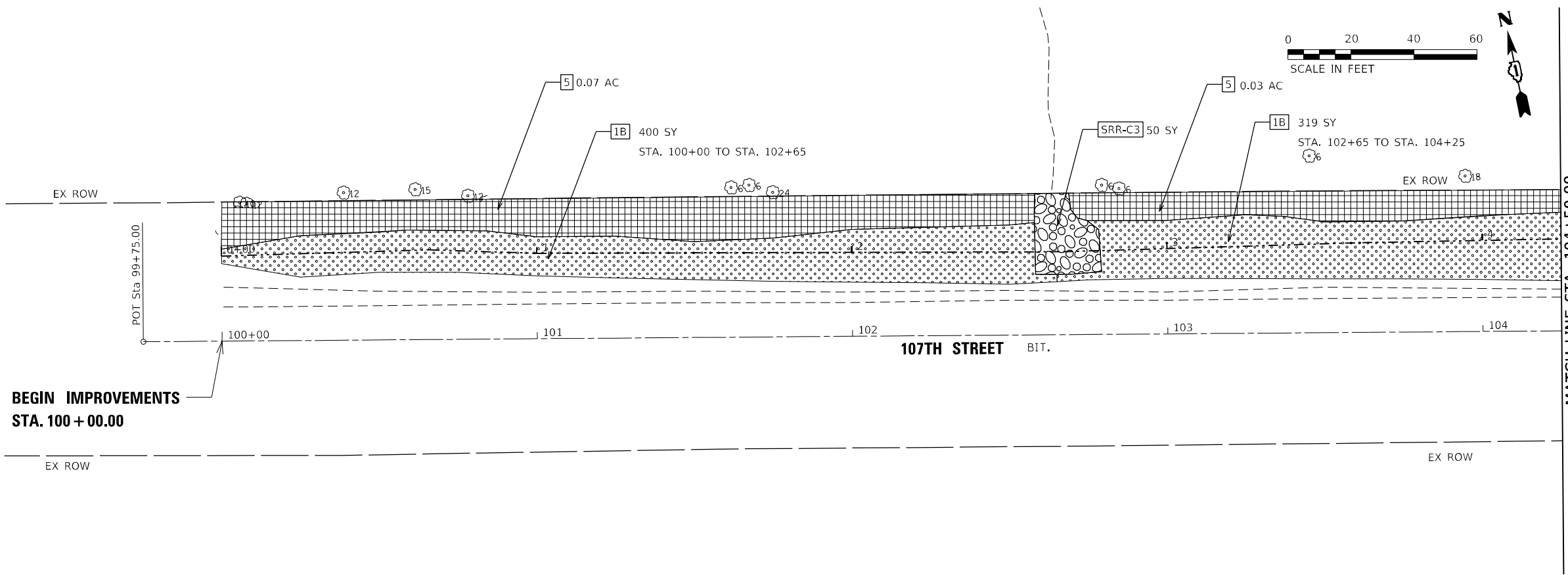
**SITE #9 IL RTE 171
 EROSION CONTROL PLAN**

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	

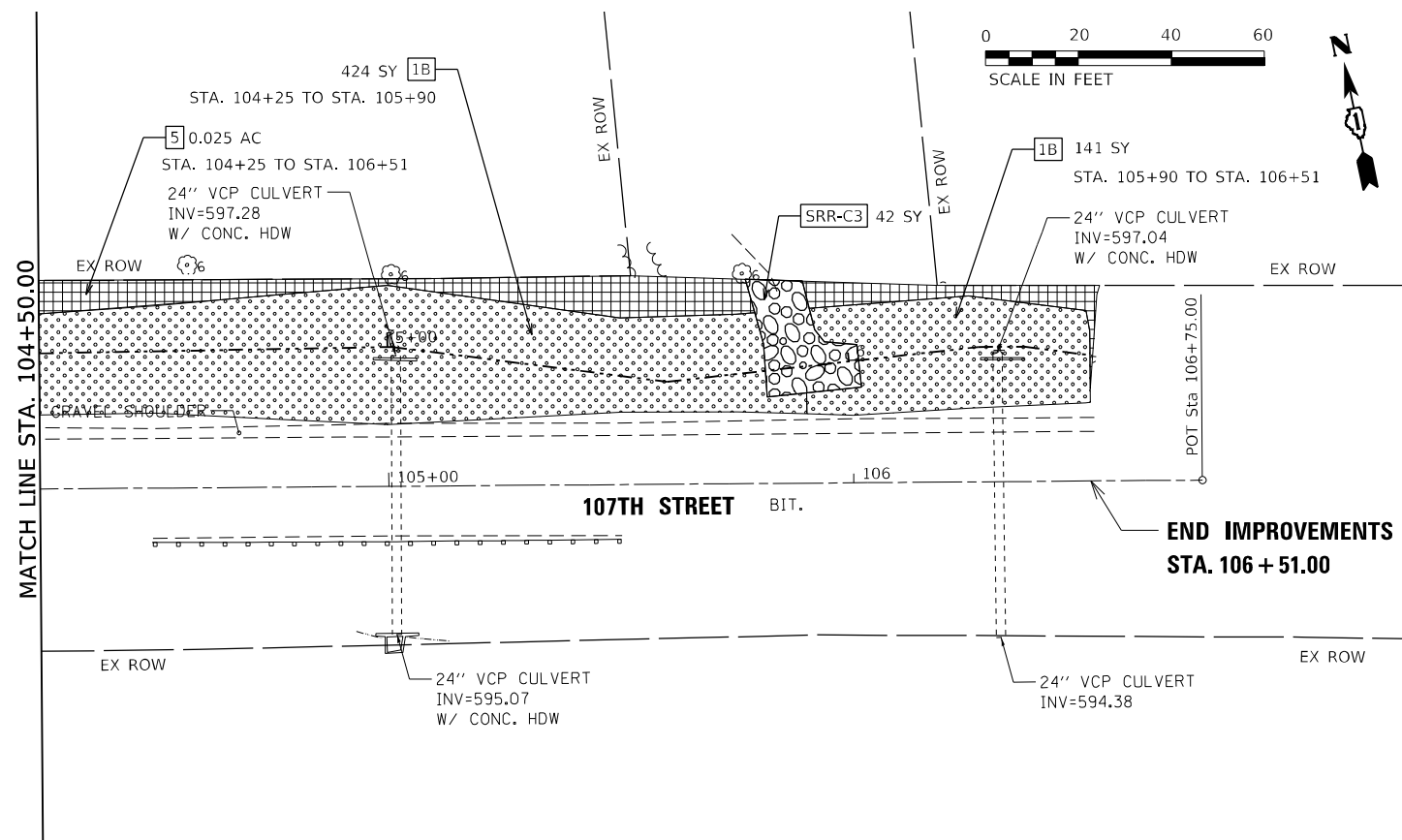
ILLINOIS FED. AID PROJECT

MODEL: Default; FILE NAME: p:\wsp\p\p\h\benley.com\p\p\p\Documents\Project_2050082306 - 15683 Drainage Improvements\CAD Sheets\134726.dwg; 12/10/2025 10:07:40 AM



**BEGIN IMPROVEMENTS
STA. 100 + 00.00**

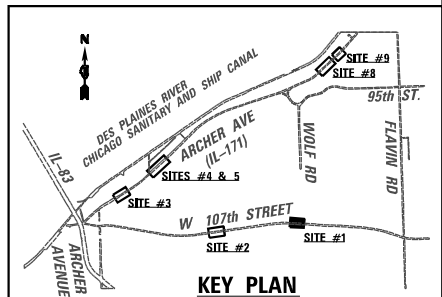
MATCH LINE STA. 104+50.00



**END IMPROVEMENTS
STA. 106 + 51.00**

LANDSCAPING LEGEND

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



MODEL: Default; FILE: NAME; PLOT: WSP-UP-PHX; BENTLEY: BENTLEY; PROJECT: 2050082306 - 15683 Drainage Improvements CAD Sheets (D:\17-Landscape\10.dgn)



USER NAME = USKE715271	DESIGNED - MM	REVISED -
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PLOT DATE = 1/23/2026	CHECKED - KE	REVISED -
	DATE - 12/10/2025	REVISED -

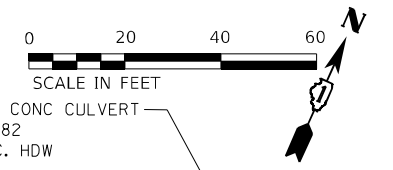
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

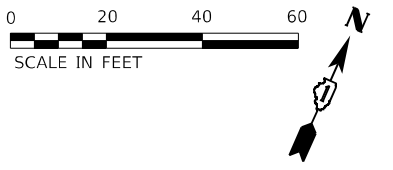
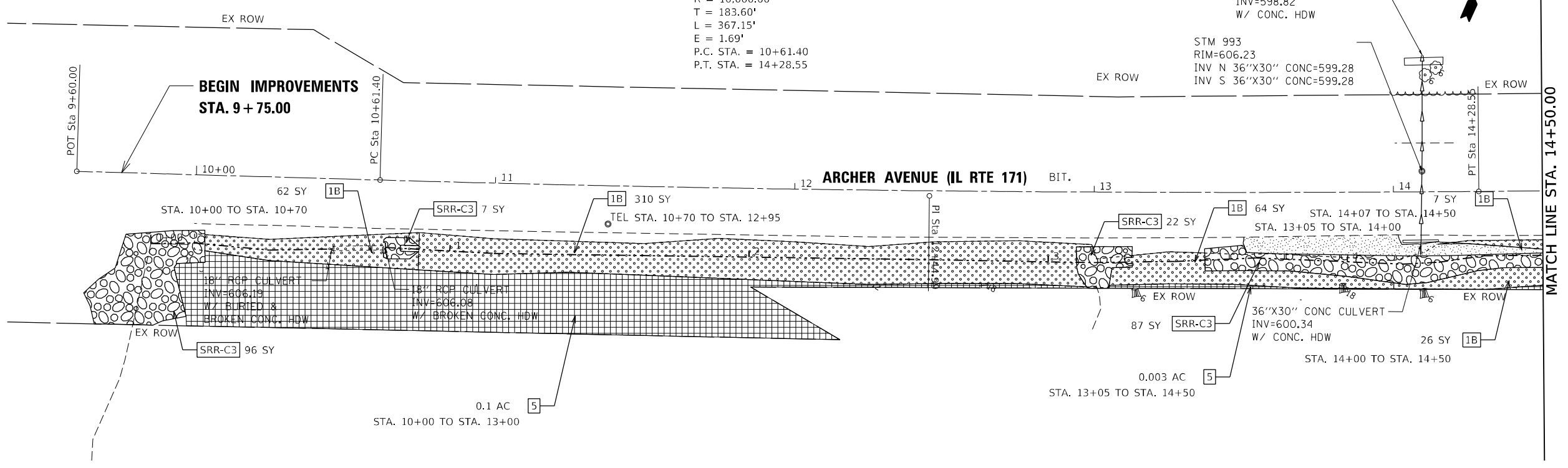
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	60
CONTRACT NO. 62V08				ILLINOIS FED. AID PROJECT

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



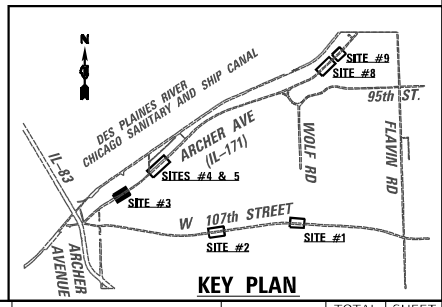
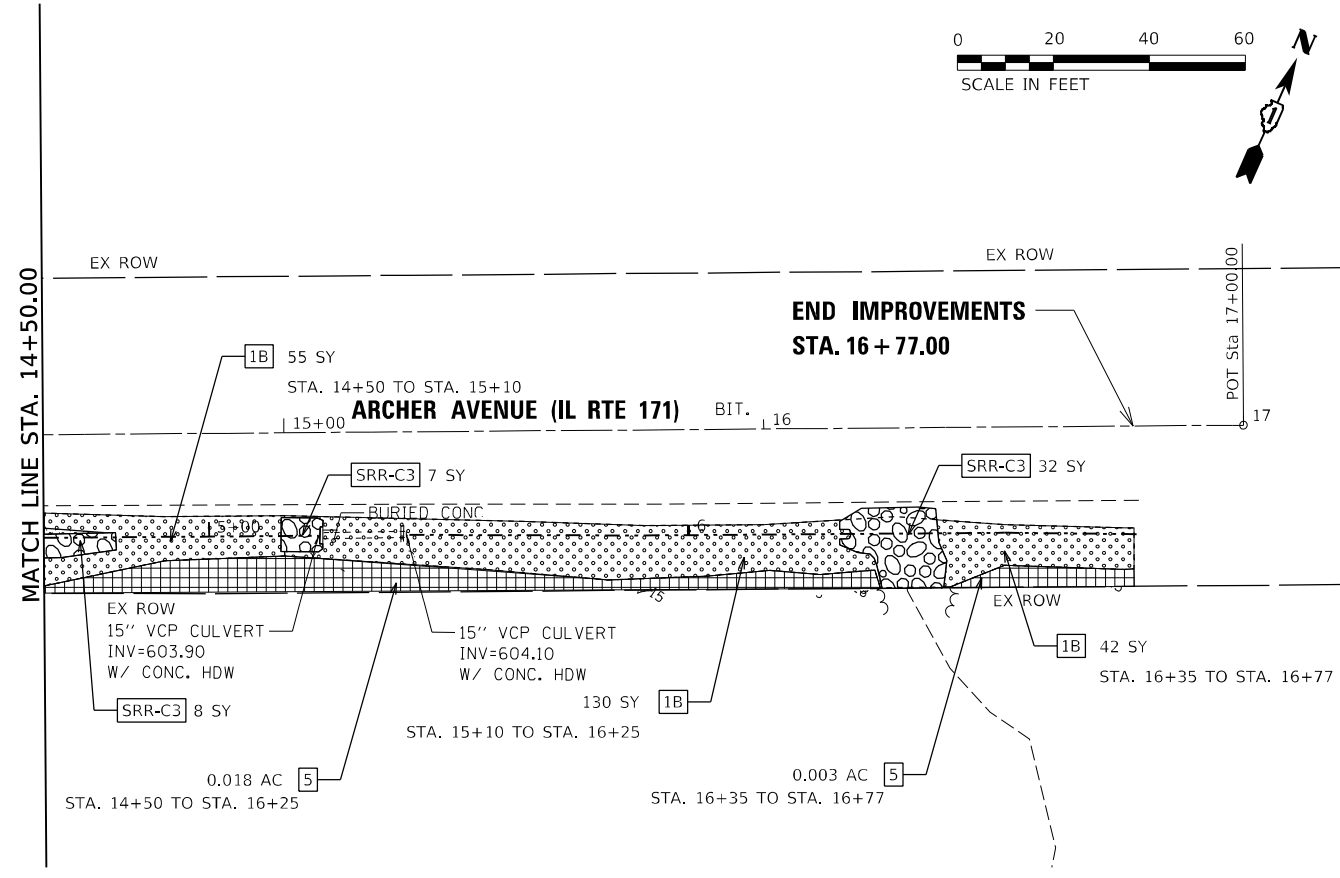
36"X30" CONC CULVERT
 INV=598.82
 W/ CONC. HDW

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



LANDSCAPING LEGEND

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



USER NAME = USKE715271	DESIGNED - MM	REVISED -
DRAWN - MM	REVISION	
PLLOT SCALE = 40,0000' / in.	CHECKED - KE	REVISED -
PLLOT DATE = 1/25/2026	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

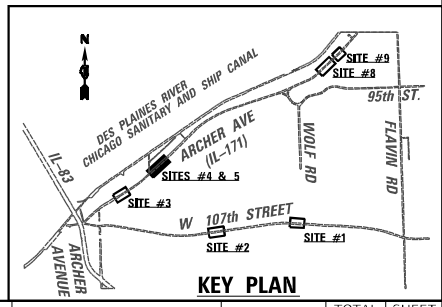
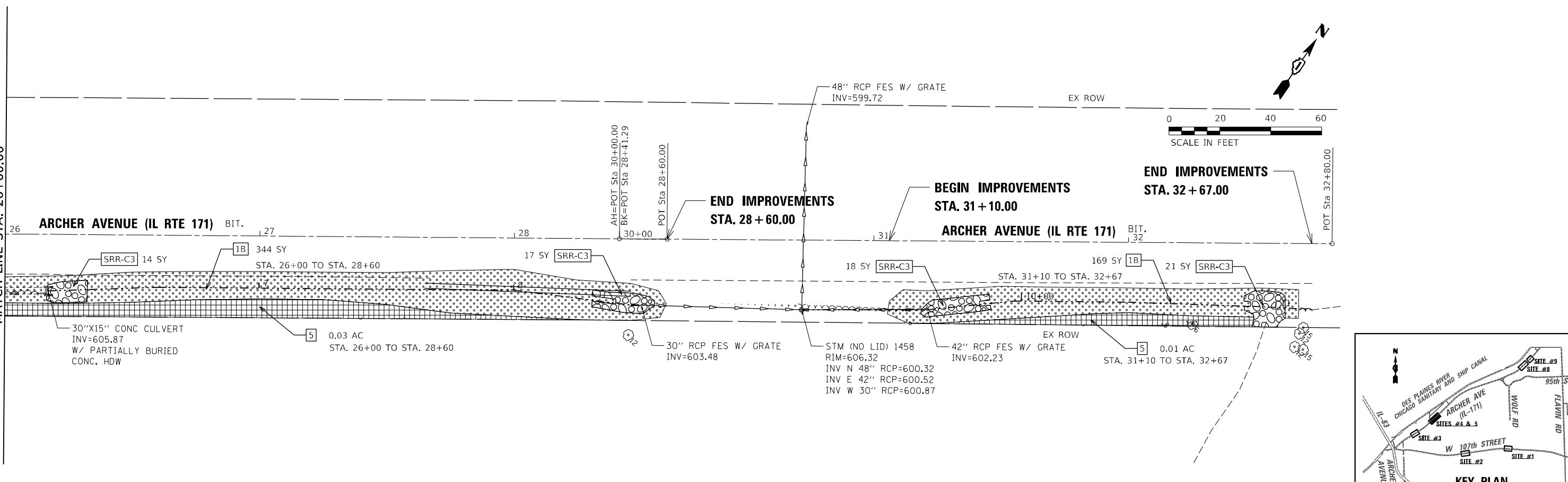
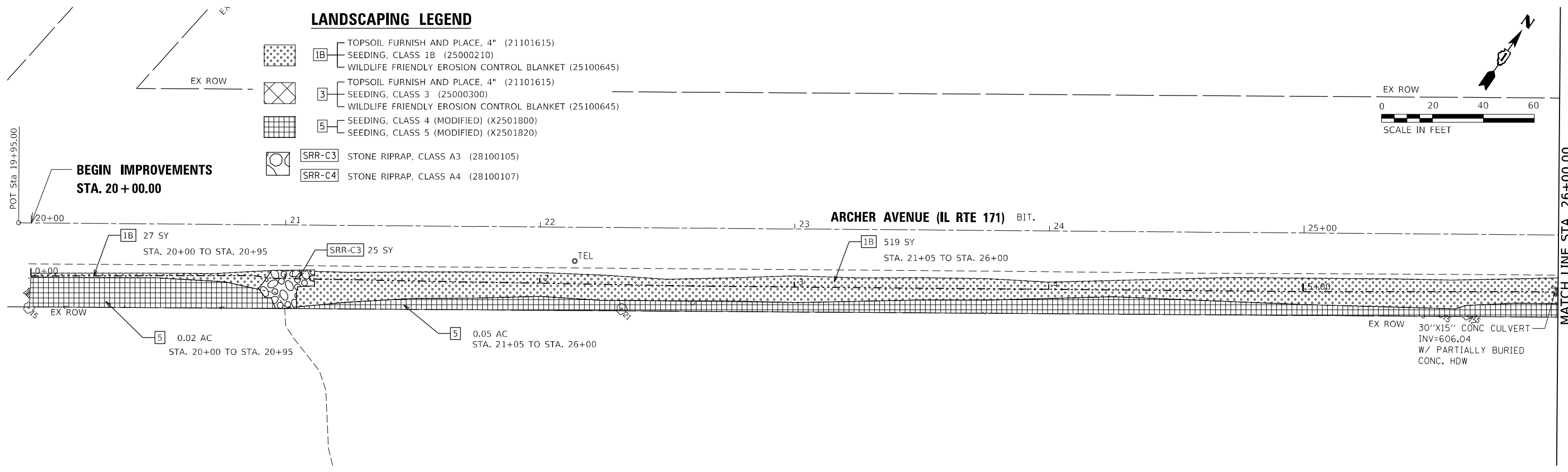
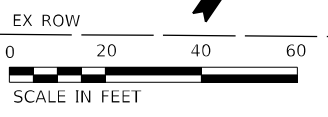
SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 9+85.00 TO STA. 17+00.00

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

MODEL: Default
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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)



MODEL: D:\default...
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 PROJECT: 20500823206...
 PROJECT: 20500823206...



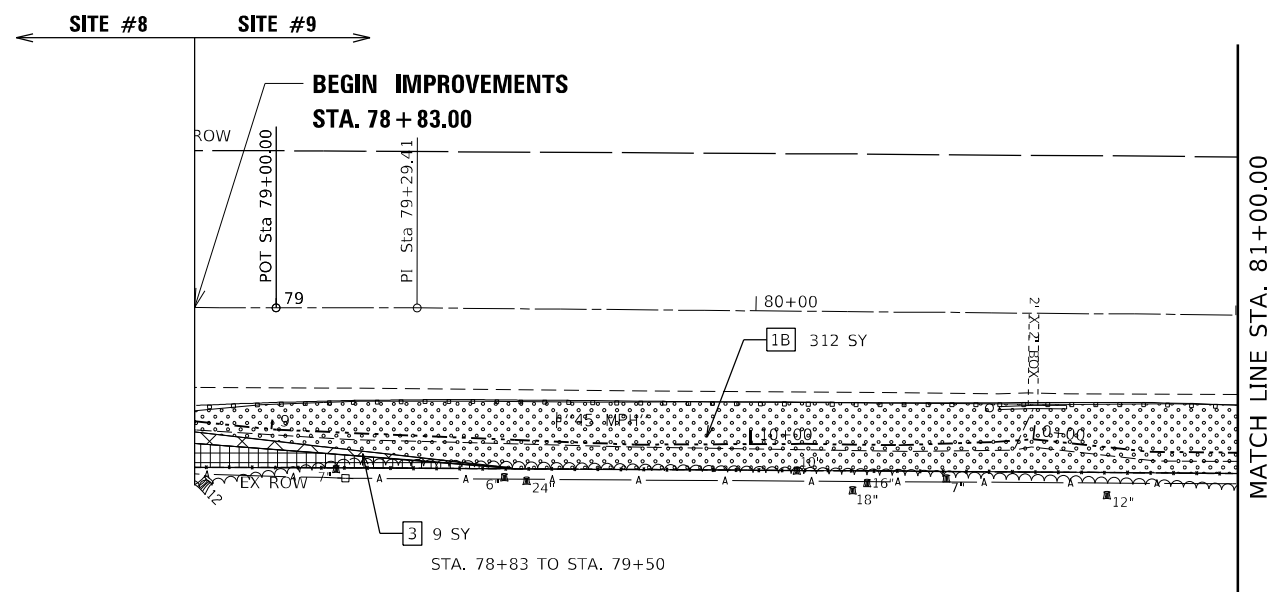
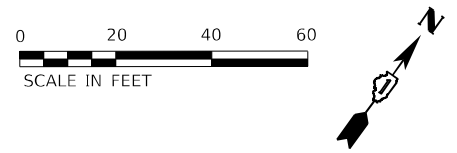
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DRAWN - MM	REVISED -	
PLOT SCALE = 40,0000 */ in.	CHECKED - KE	REVISED -
PLOT DATE = 1/25/2026	DATE - 12/10/2025	REVISED -

**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

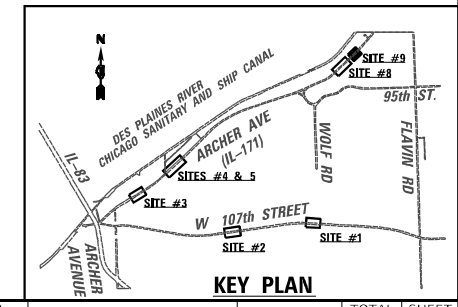
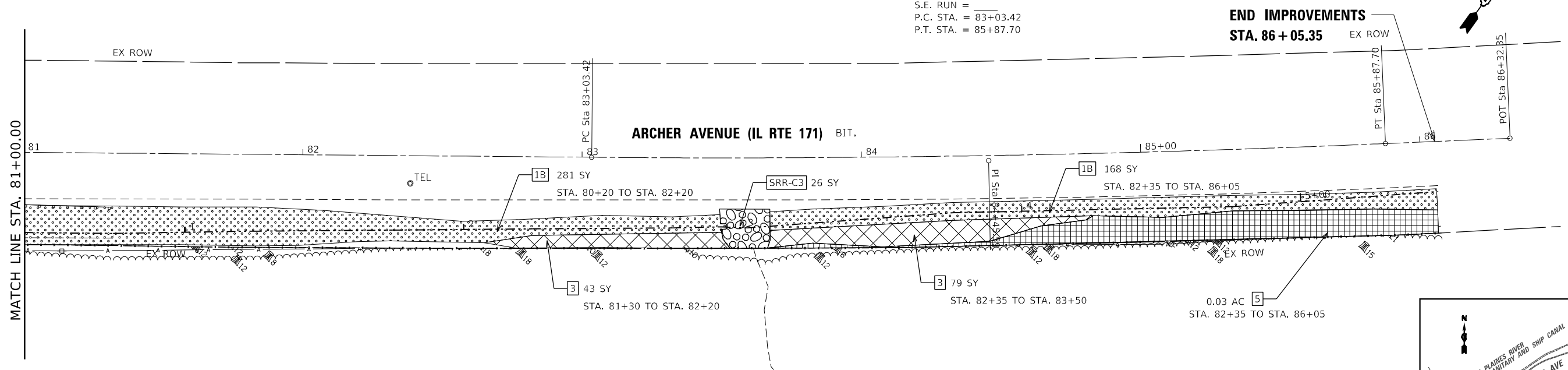
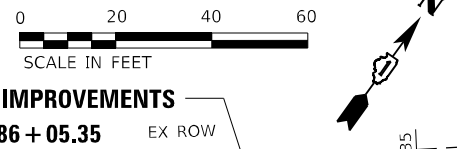
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	63
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

- [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)

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



MODEL: Default
 FILE NAME: p:\wsp-usa\p\kentley.com\usps-usa\p\il\Documents\Project_2050082306 - 15683_Drainage Improvements\CAD_Sheets\134720\p\1171-landscapes-107.dgn
 PROJECT: 2050082306 - 15683_Drainage Improvements



USER NAME = USKE715271	DESIGNED - MM	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - MM	REVISED -
PLOT DATE = 1/25/2026	CHECKED - KE	REVISED -
	DATE - 01/28/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

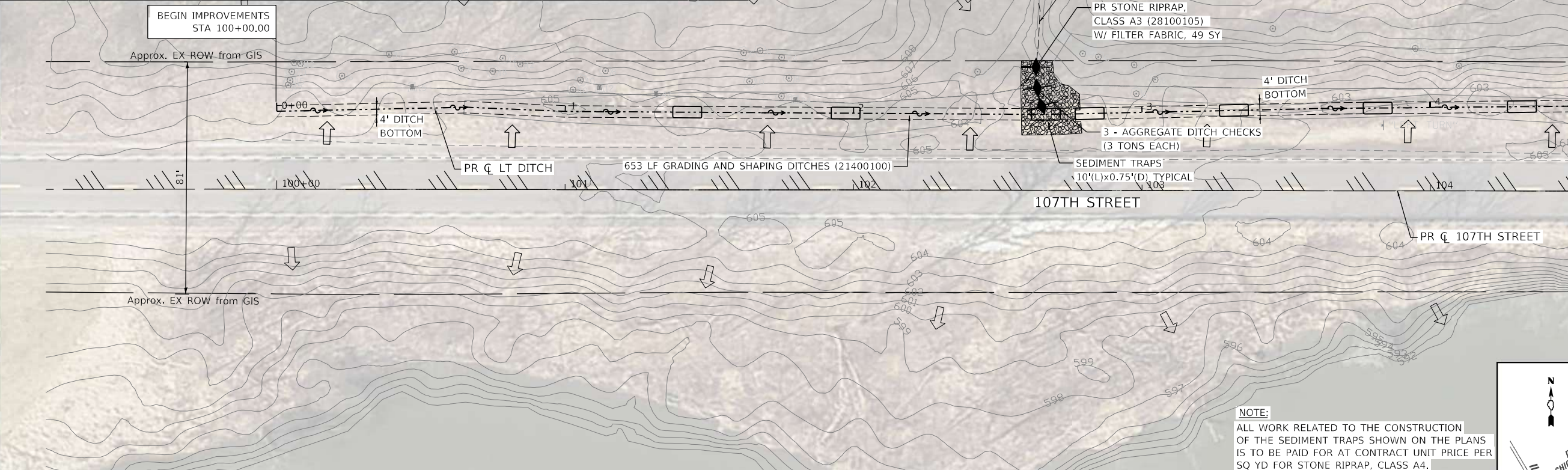
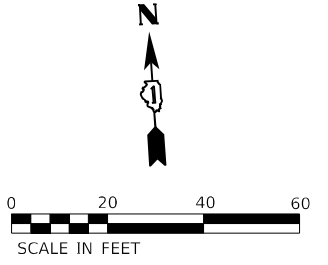
**SITE #9 IL RTE 171
LANDSCAPE PLAN**

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

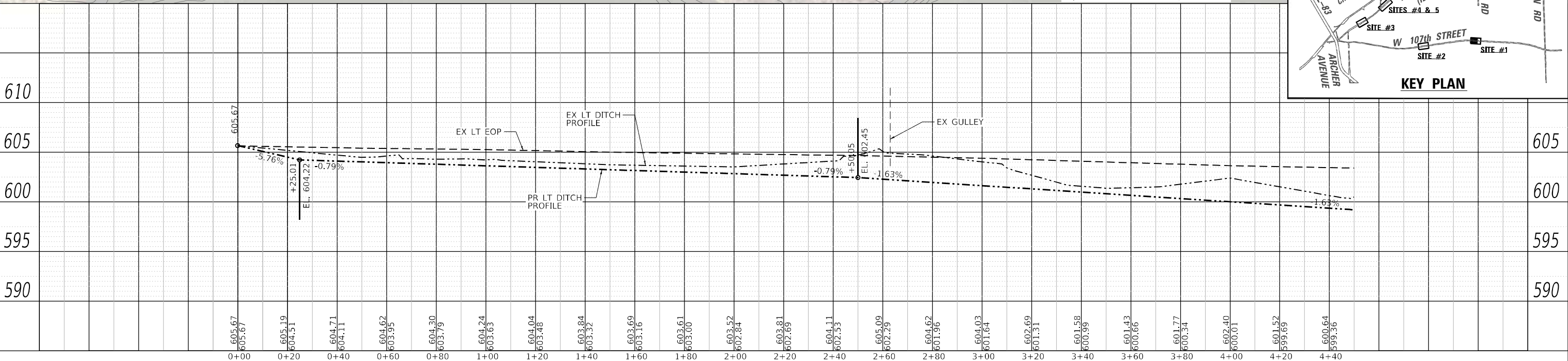
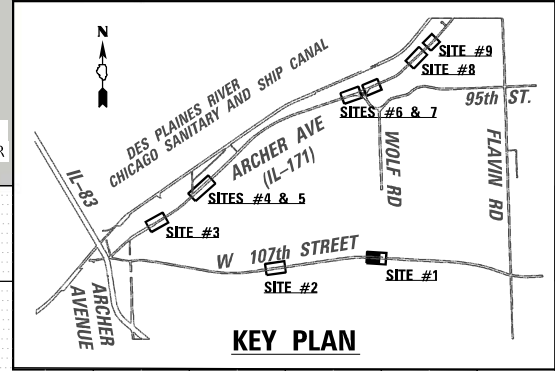
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	65
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

LEGEND:

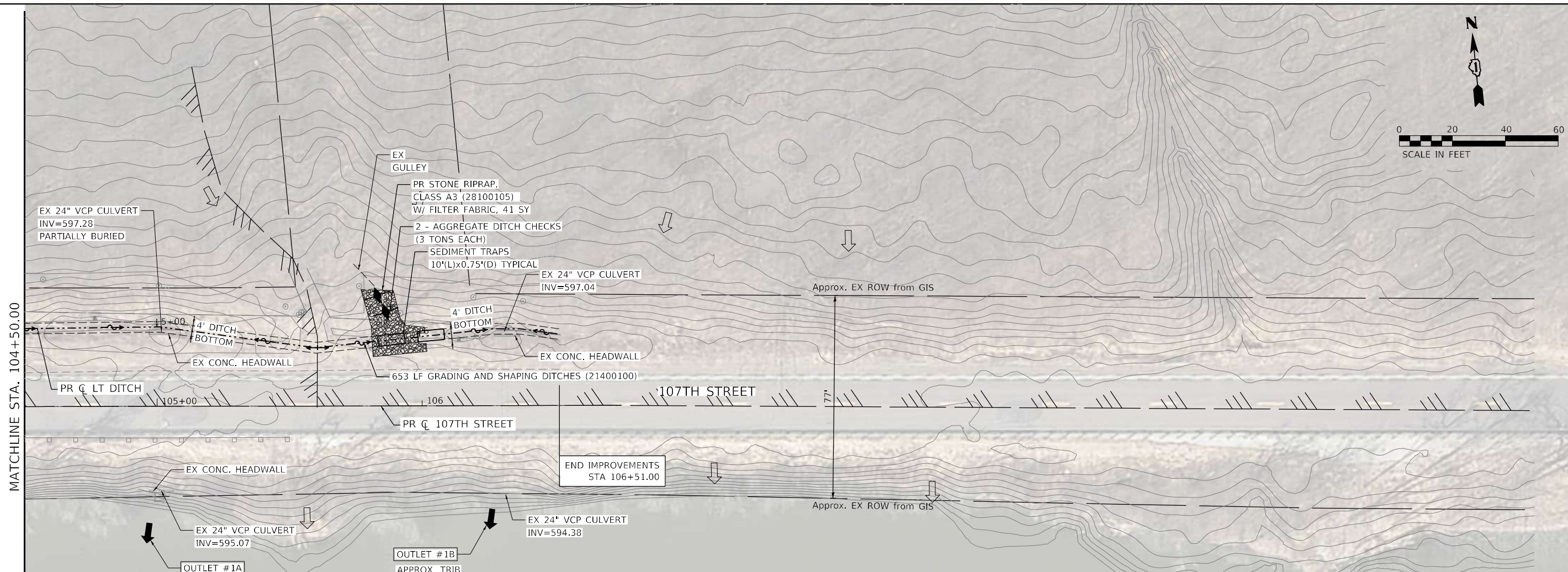
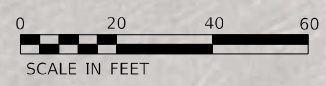
BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED	BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE AND STATIONING	— 430+00		DRAINAGE BOUNDARY	—/ / / /	
RIGHT OF WAY LINE	—		CULVERT SIZE - TYPE	2 X 2 BOX	
THALWEG / DITCH LINE	- - - - -		STORM SEWER	—	
SWALE	—+—	—+—	SANITARY SEWER	-) -) -)	
SUMMIT	—+—+—	—+—+—	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)



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.

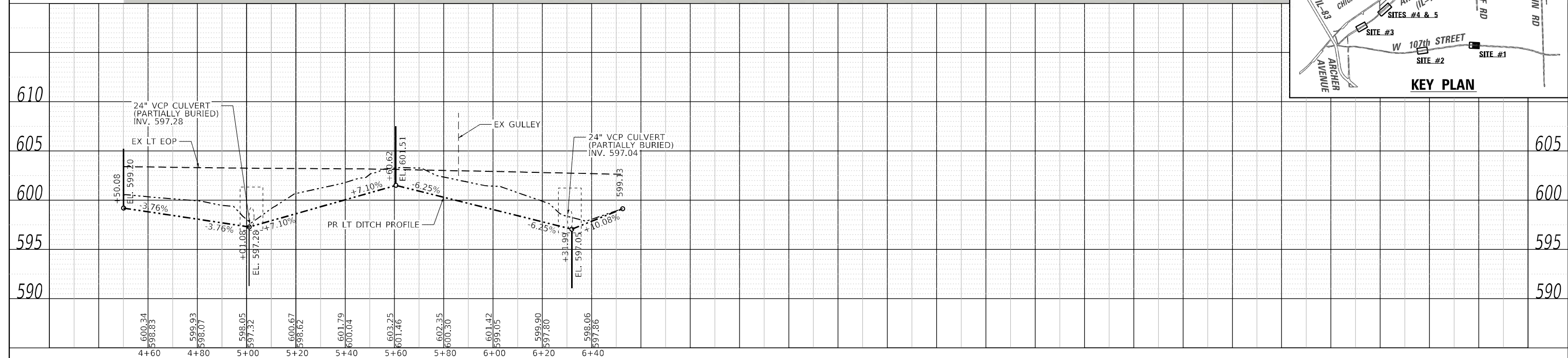
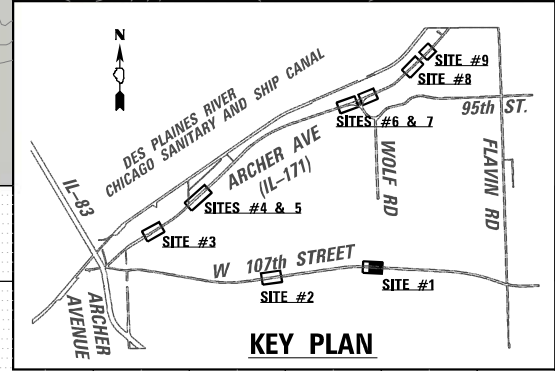


	USER NAME = 14nho	DESIGNED - JK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	107TH STREET DRAINAGE PLAN AND PROFILE SITE #1		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	DRAWN - JK	REVISED -		VAR.	2023 VAR DRAINAGE	VARIOUS	136	66		
	PLOT DATE = 10/2024	CHECKED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



Lin Engineering, Ltd.
Consulting Engineers
Westmont, Illinois

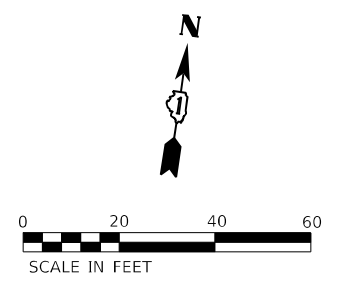
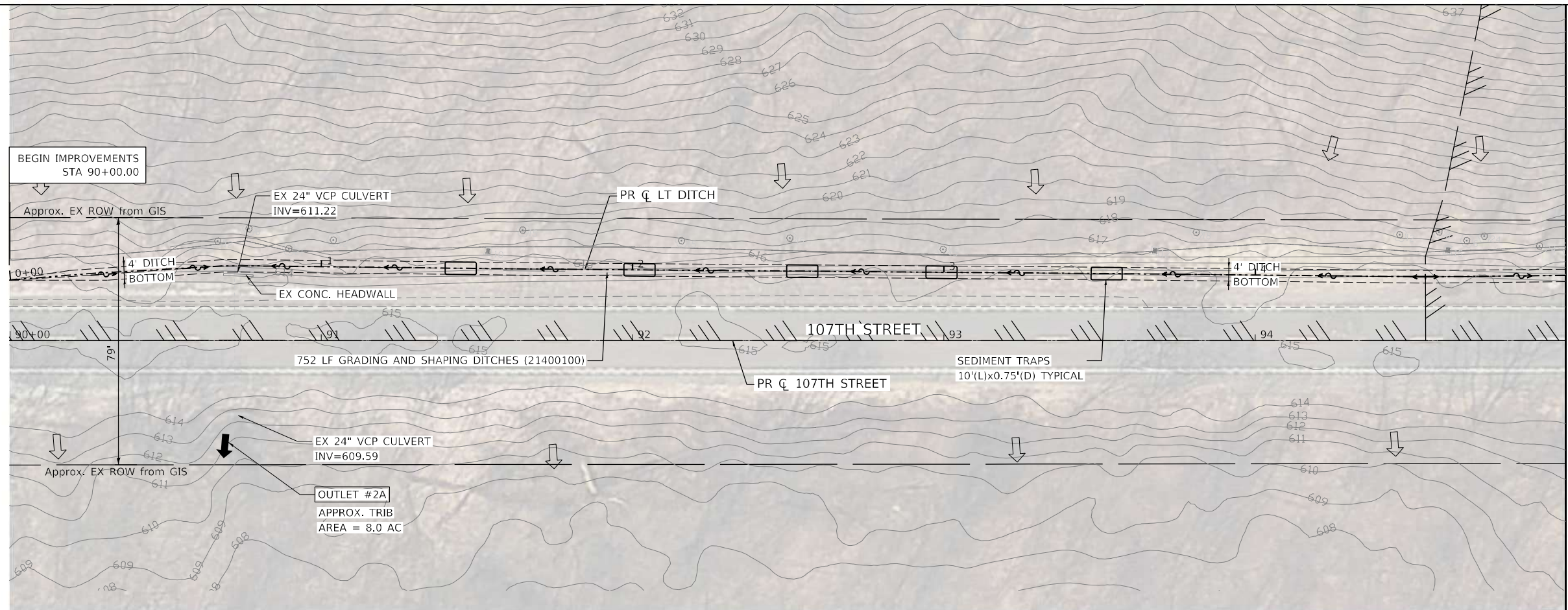
USER NAME = l4nho	DESIGNED - JK	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - JK	REVISED -
PLOT DATE = 10/2024	CHECKED - ST	REVISED -
	DATE - 12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

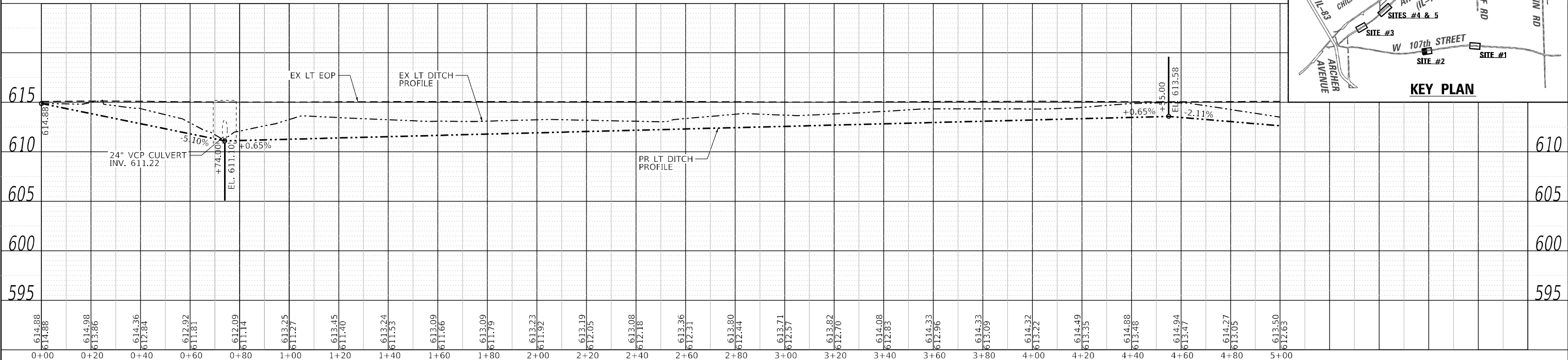
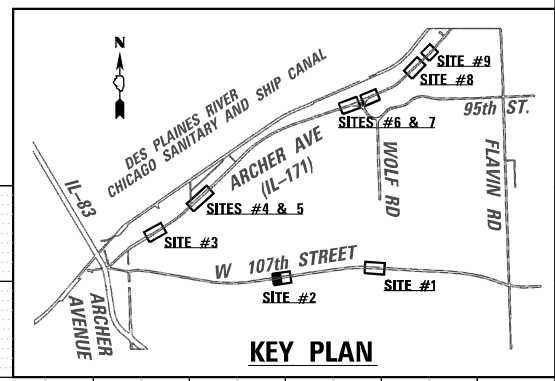
SCALE: 1"=20'H:5'V SHEET 2 OF 13 SHEETS STA. 104+50 TO STA. 106+51

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.



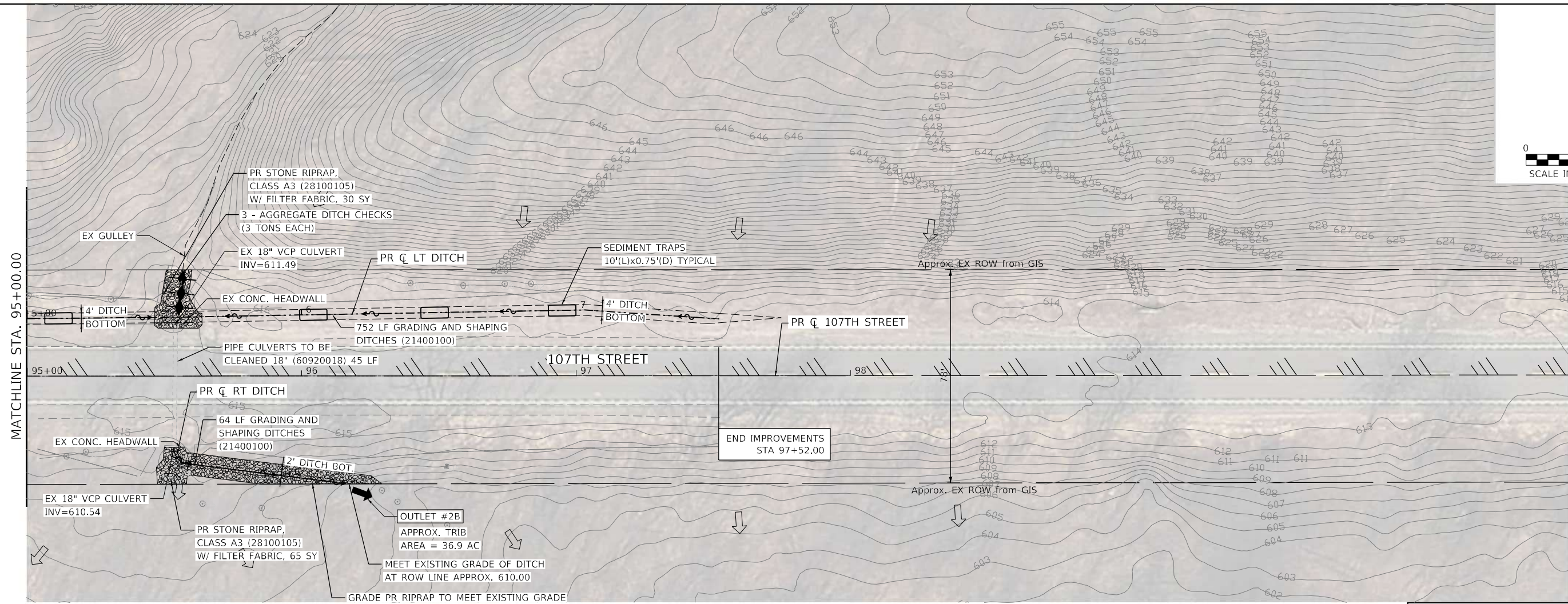
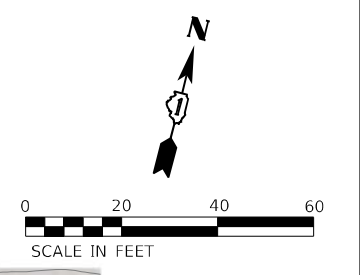
LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

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 -

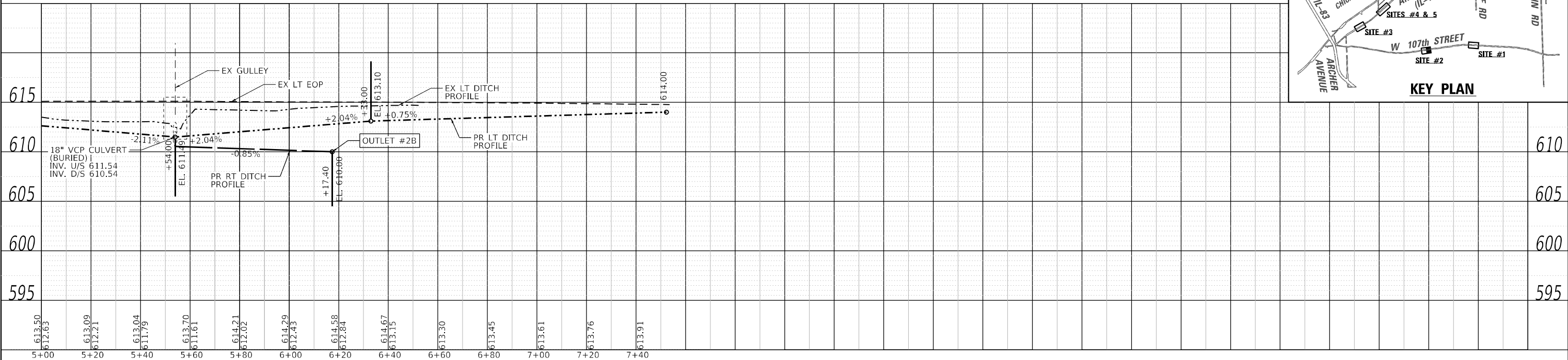
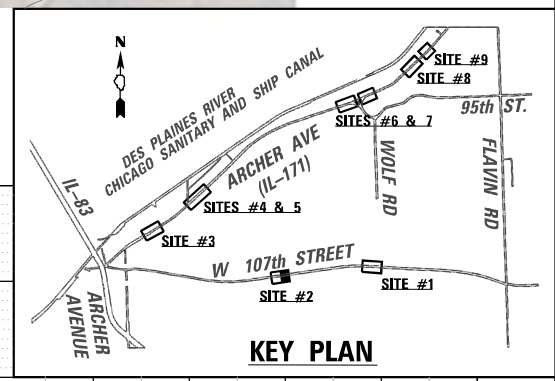
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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.



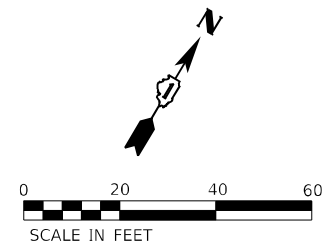
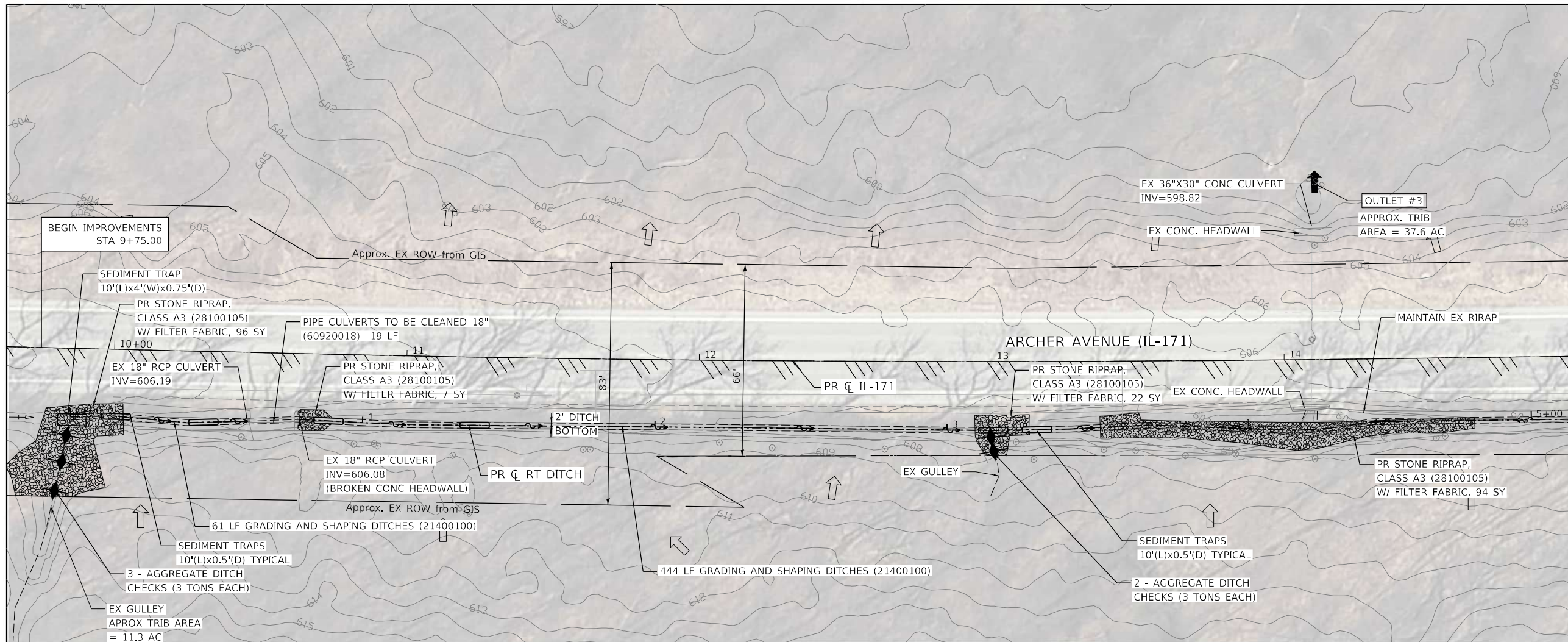
LIN ENGINEERING, LTD.
 Consulting Engineers
 Westmont, Illinois

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 -

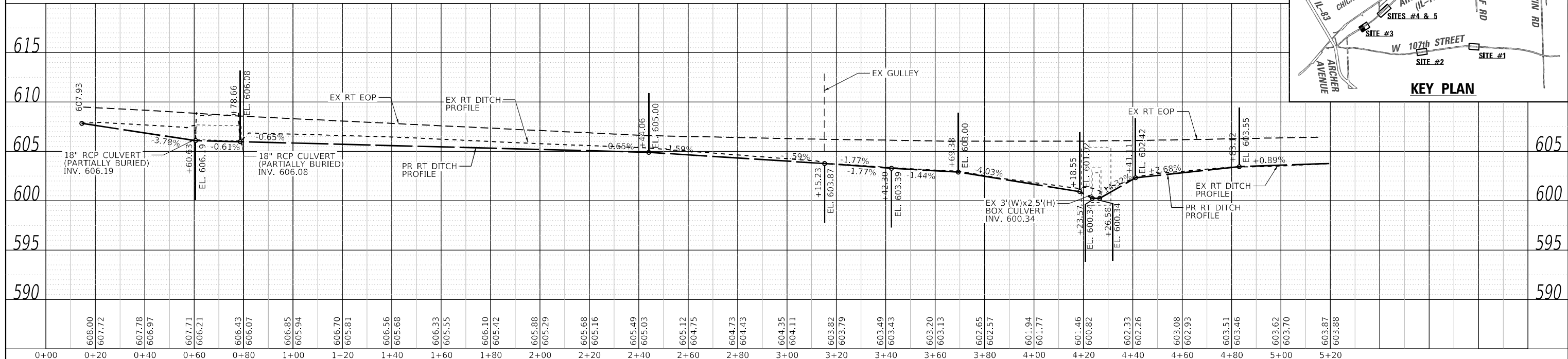
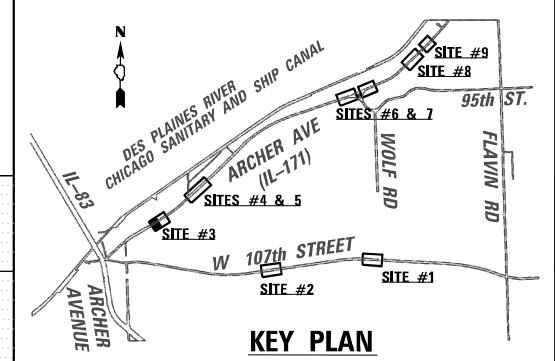
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

107TH STREET
DRAINAGE PLAN AND PROFILE
SITE #2
 SCALE: 1"=20'H:5'V SHEET 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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 Westmont, Illinois

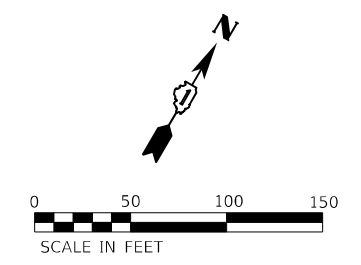
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PLOT DATE = 10/2024	CHECKED - ST	REVISED -
	DATE - 12/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

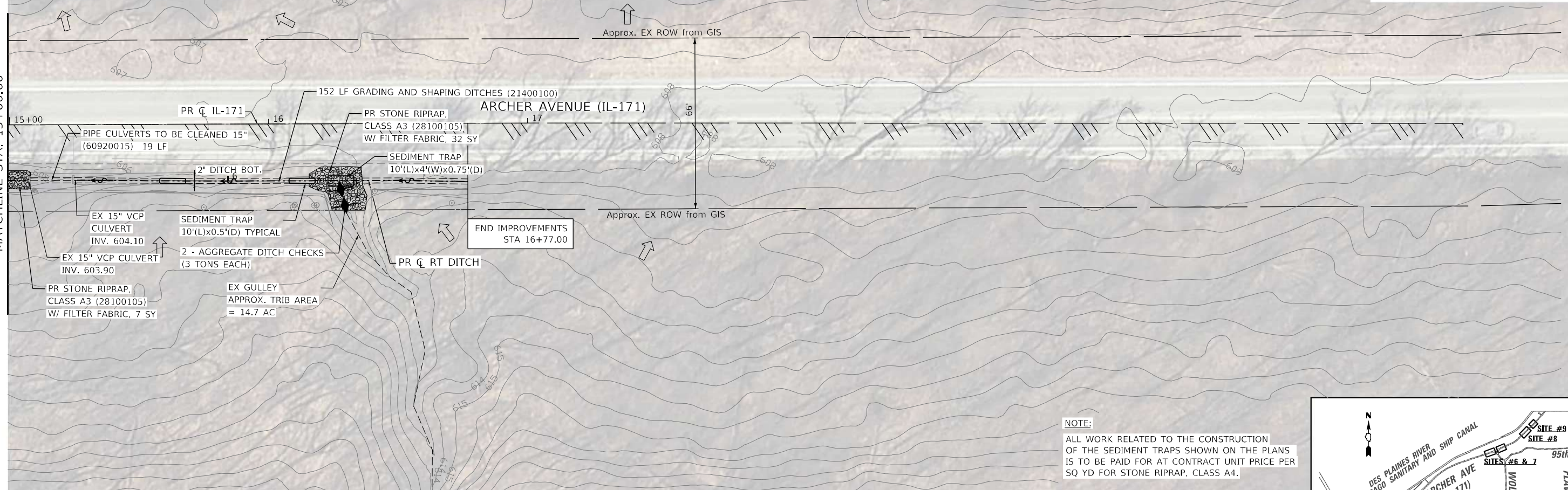
**ARCHER AVE (IL-171)
 DRAINAGE PLAN AND PROFILE
 SITE #3**

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

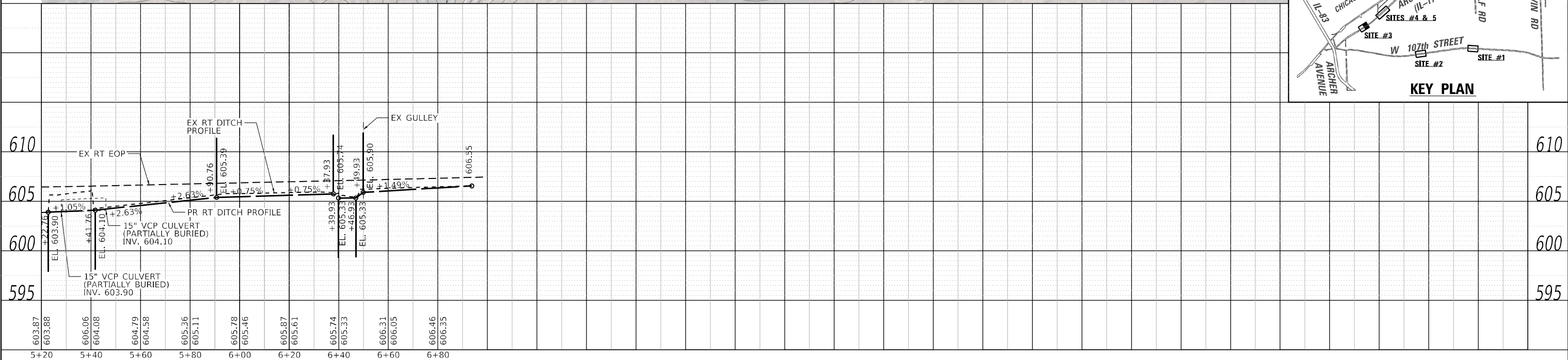
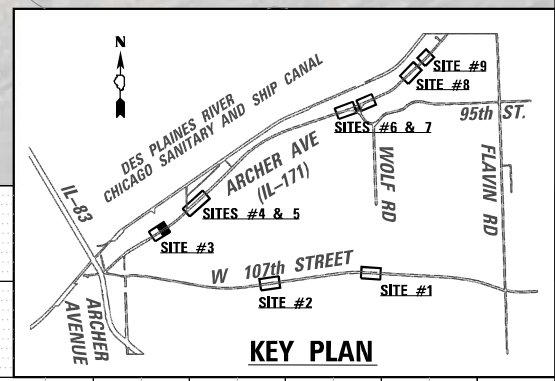
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	70
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



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

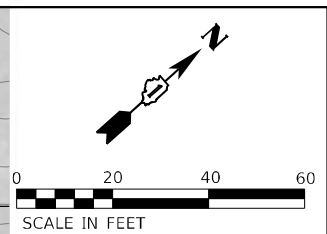
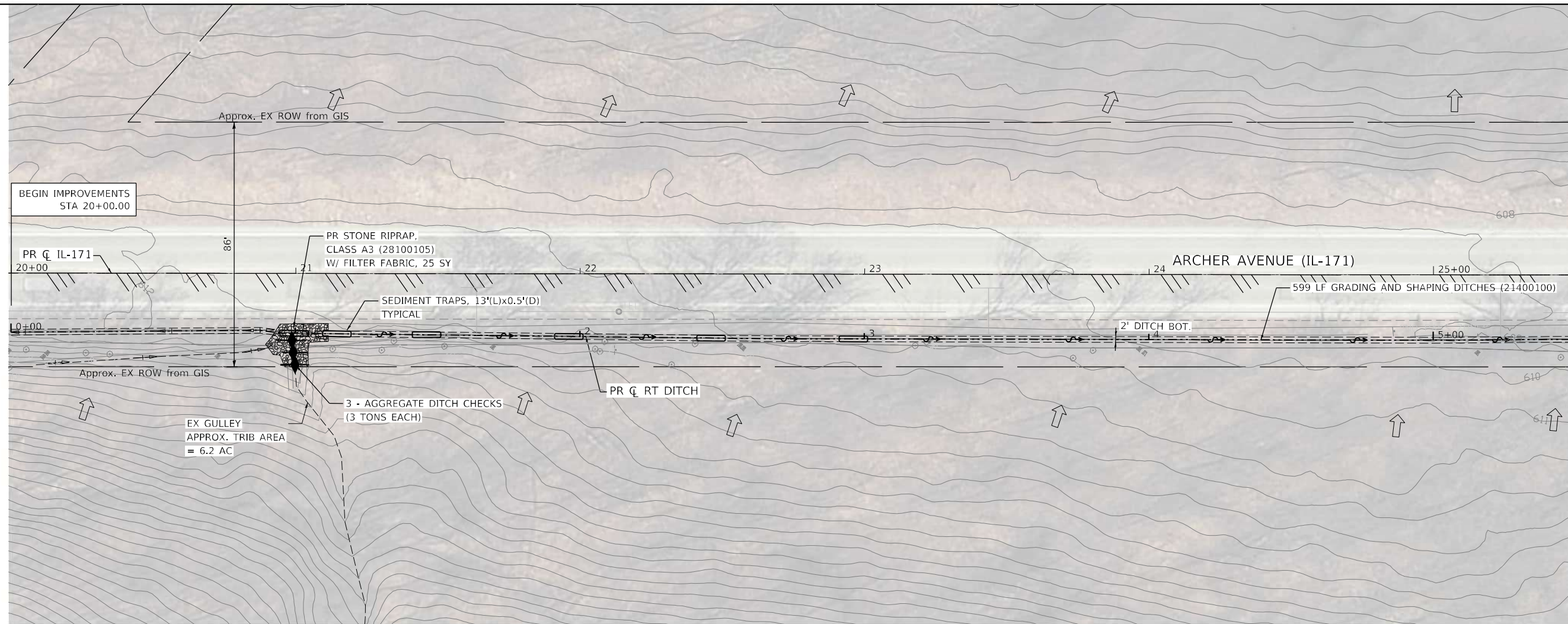
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REVISD -
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REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

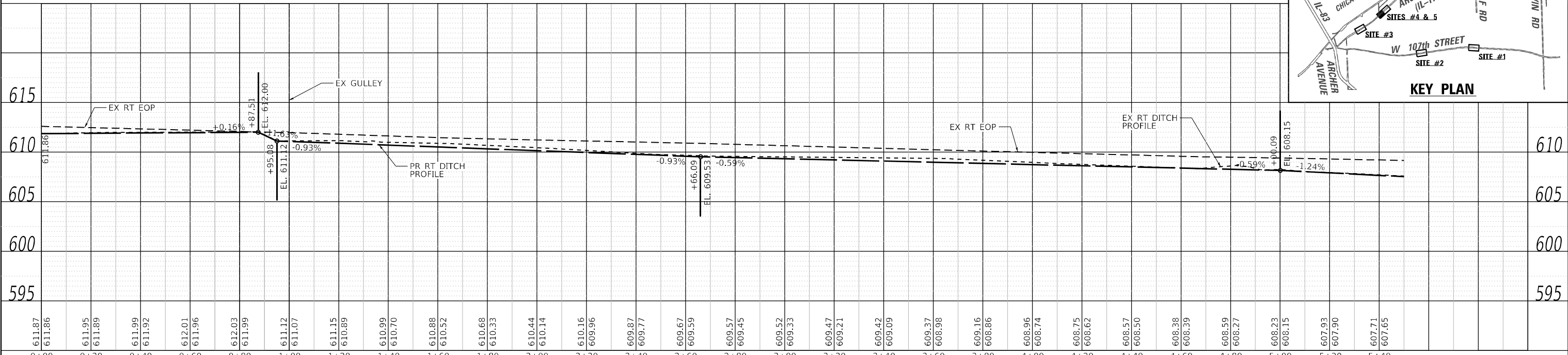
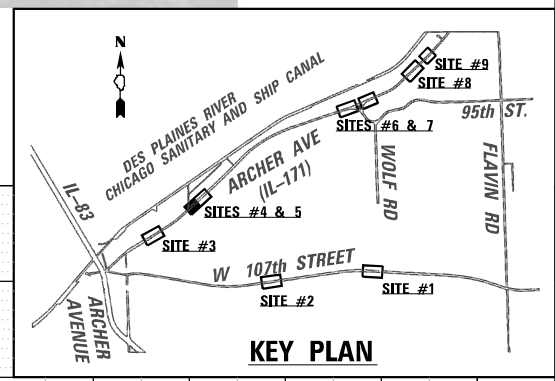
**ARCHER AVE (IL-171)
DRAINAGE PLAN AND PROFILE
SITE #3**

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

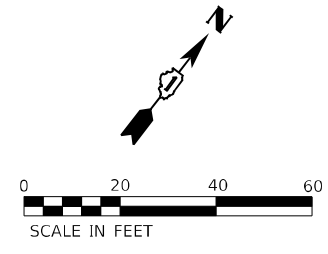
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	71
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



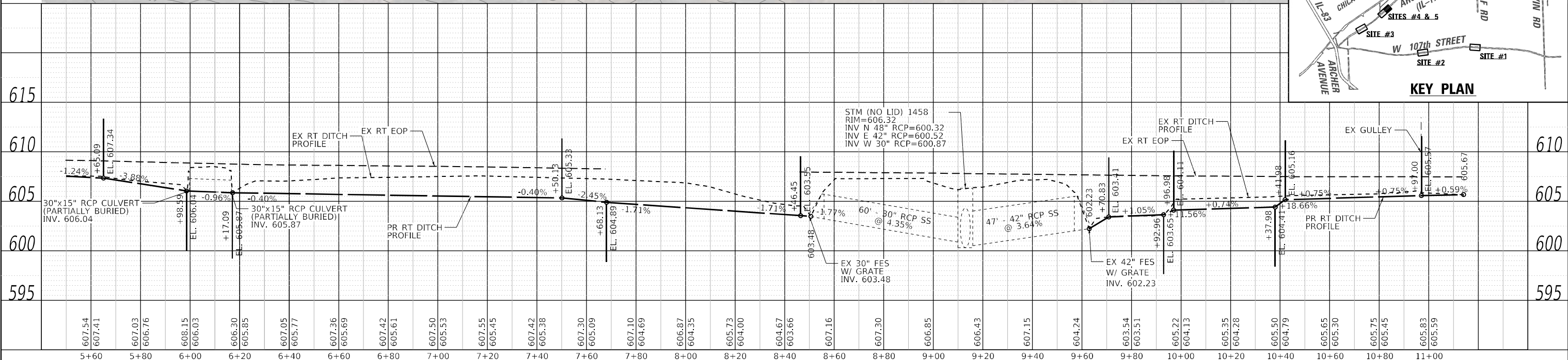
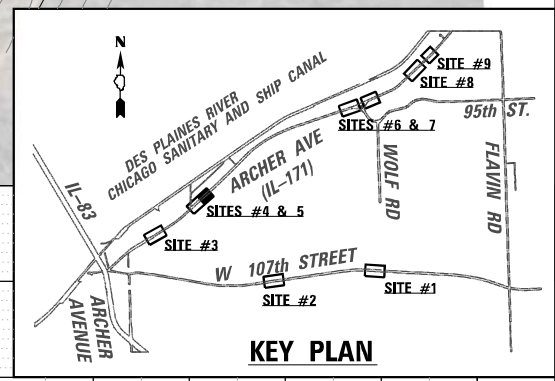
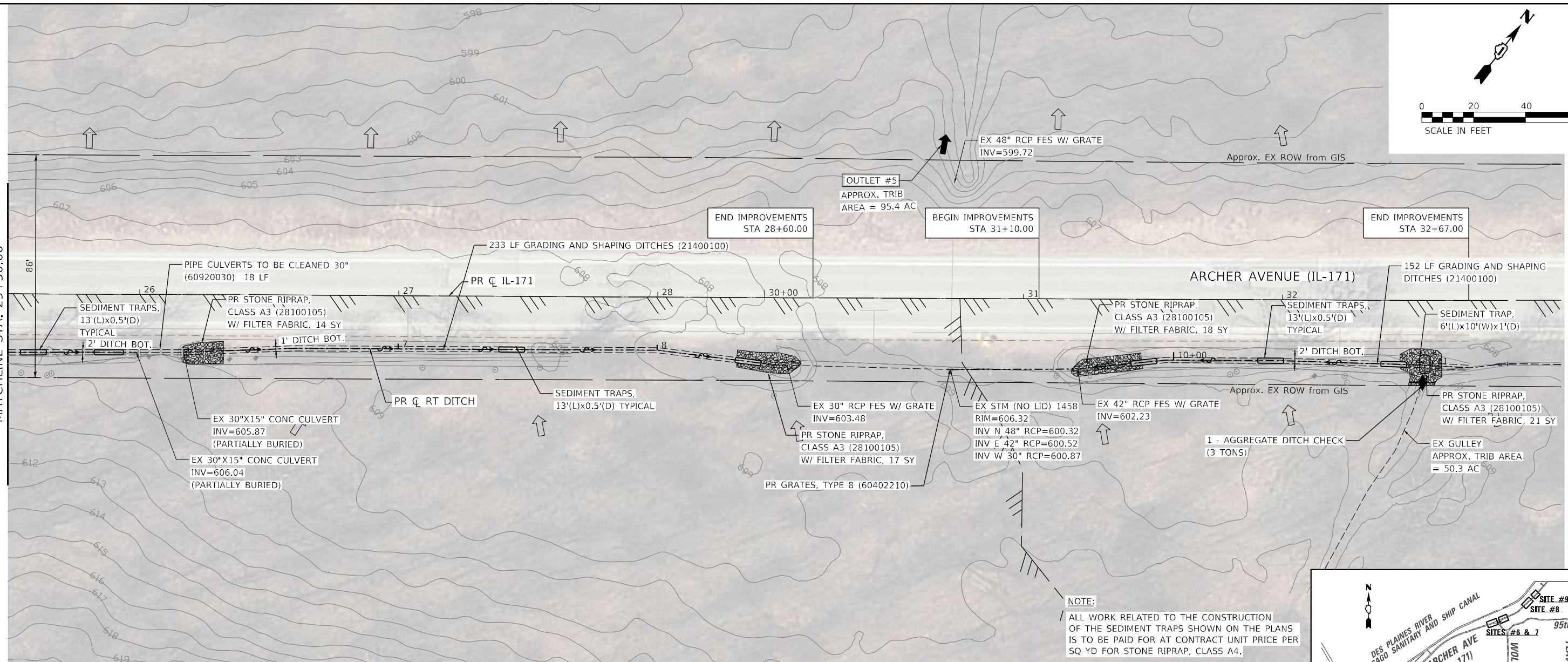
NOTE:
 ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



	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	CONTRACT NO. 62V08		
	PLOT DATE = 10/2024	CHECKED - ST	REVISED -		SCALE: 1"=20'H:5'V		SHEET 7 OF 13 SHEETS	STA. 20+00	TO STA. 25+50		ILLINOIS FED. AID PROJECT	
		DATE - 12/2025	REVISED -									



MATCHLINE STA. 25+50.00



607.54	607.41	607.03	606.76	608.15	606.03	606.30	605.85	607.05	605.77	607.36	605.69	607.42	605.61	607.50	605.53	607.55	605.45	607.42	605.38	607.30	605.09	607.10	604.69	606.87	604.35	605.73	604.00	604.67	603.66	607.16	607.30	606.85	606.43	607.15	604.24	603.54	603.51	605.22	604.13	605.35	604.28	605.50	604.79	605.65	605.30	605.75	605.45	605.83	605.59
5+60	5+80	6+00	6+20	6+40	6+60	6+80	7+00	7+20	7+40	7+60	7+80	8+00	8+20	8+40	8+60	8+80	9+00	9+20	9+40	9+60	9+80	10+00	10+20	10+40	10+60	10+80	11+00																						

LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

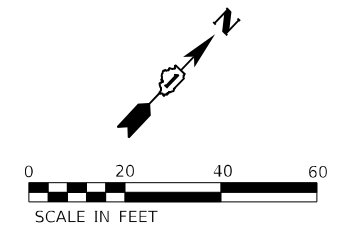
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PLOT SCALE = 40,0000' / in.	DRAWN - JK	REVISED -
PLOT DATE = 10/2024	CHECKED - ST	REVISED -
	DATE - 12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

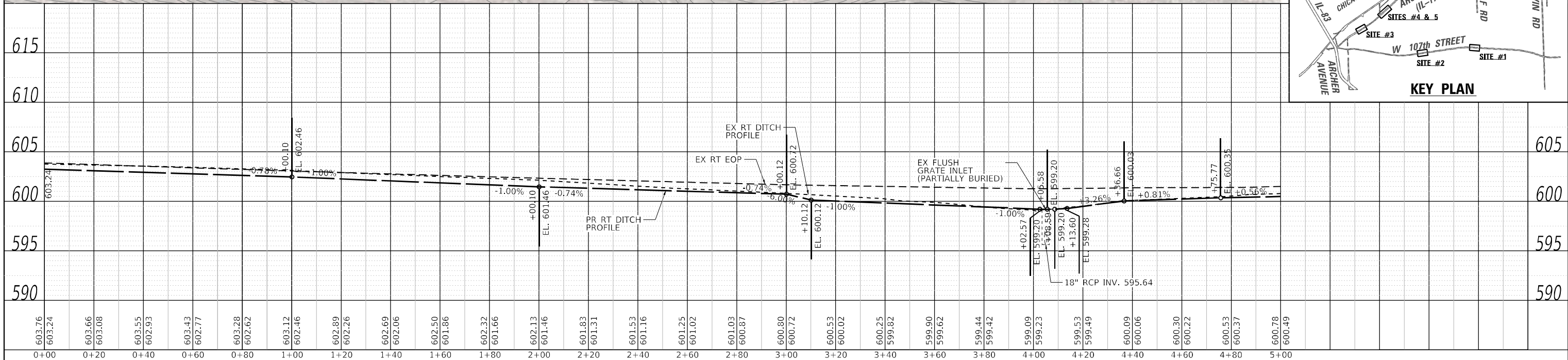
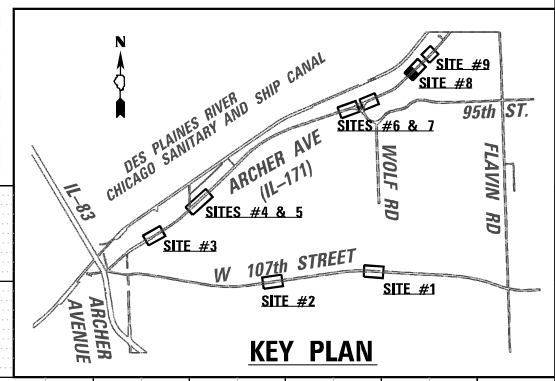
ARCHER AVE (IL-171)
DRAINAGE PLAN AND PROFILE
SITE #4 & #5

SCALE: 1"=20'H:5"V SHEET 8 OF 13 SHEETS STA. 25+50 TO STA. 32+67

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	73
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

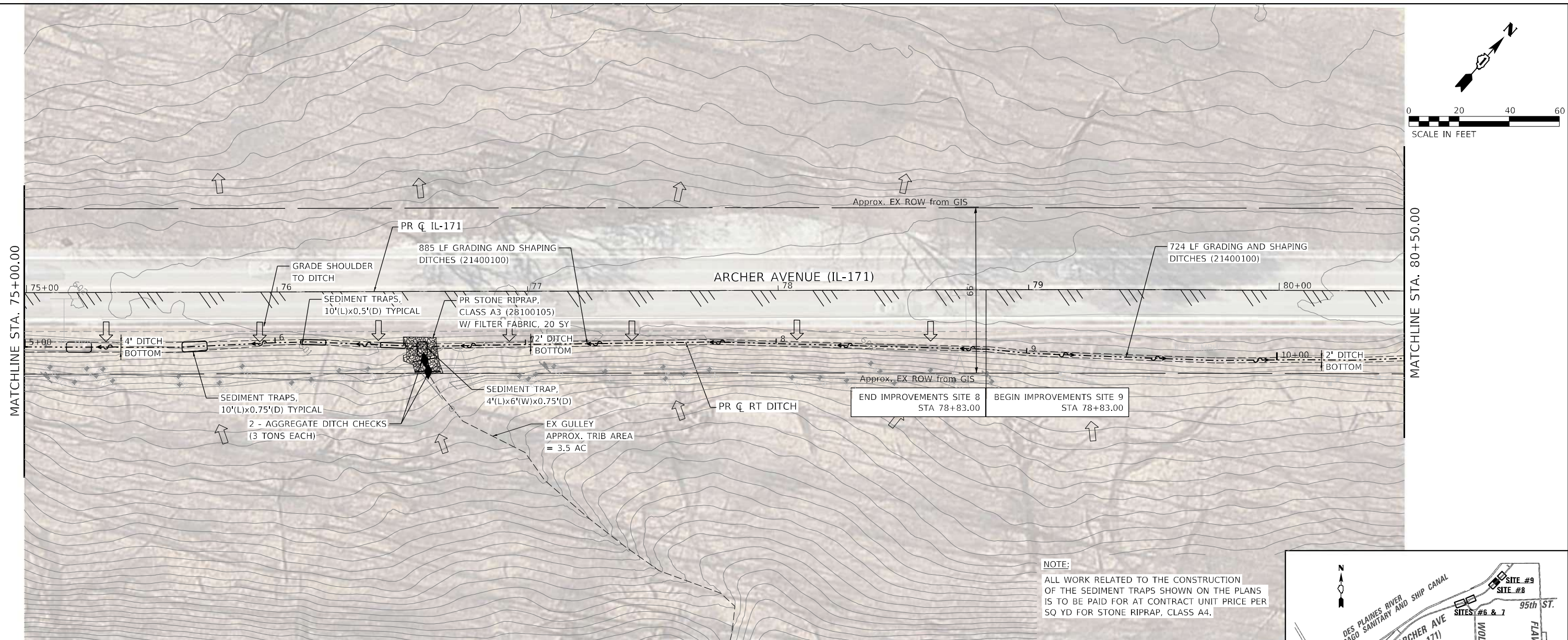
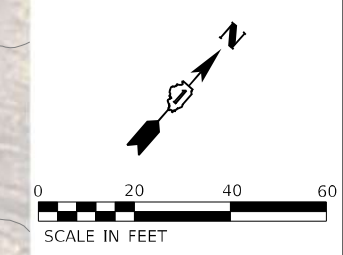
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PLOT DATE = 10/2024	CHECKED - ST	REVISED -
	DATE - 12/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

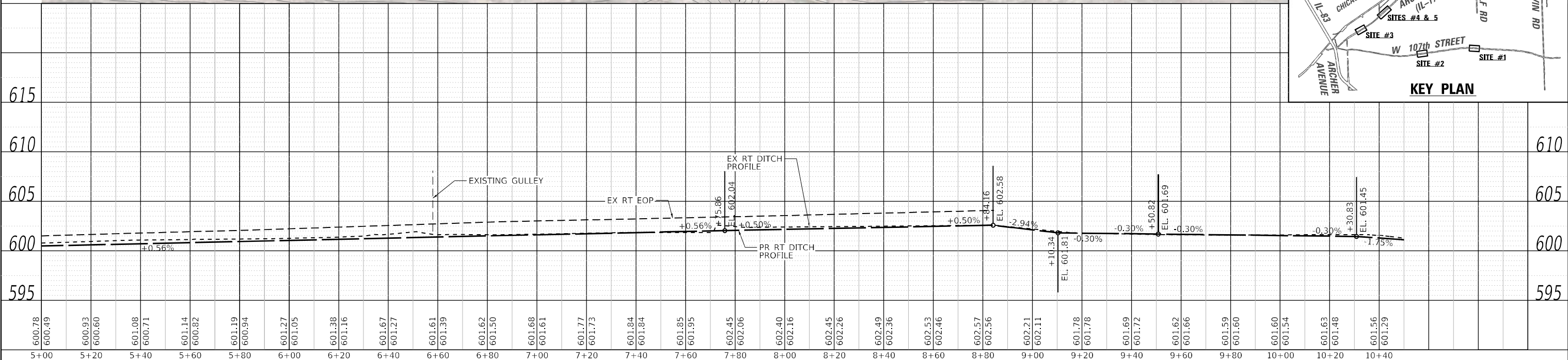
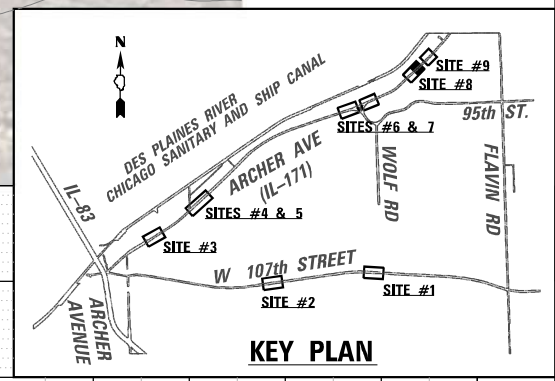
**ARCHER AVE (IL-171)
 DRAINAGE PLAN AND PROFILE
 SITE #8**

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

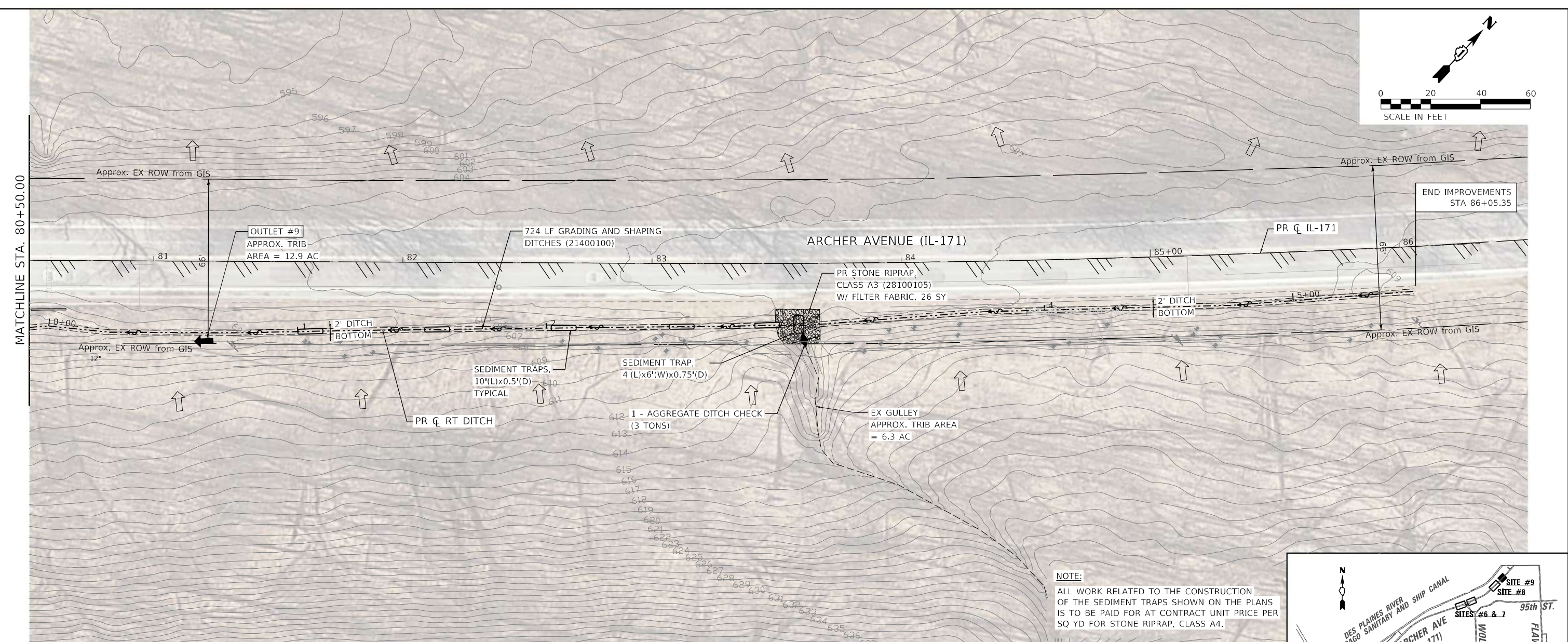
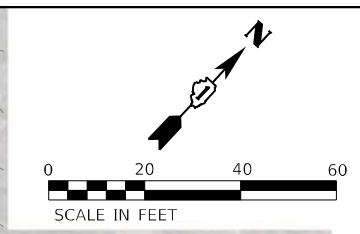
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	74
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				



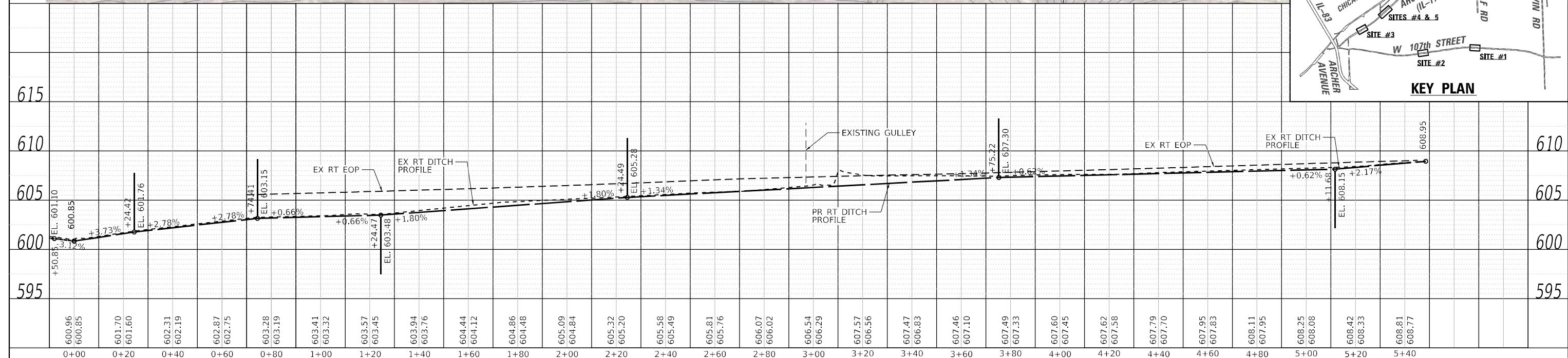
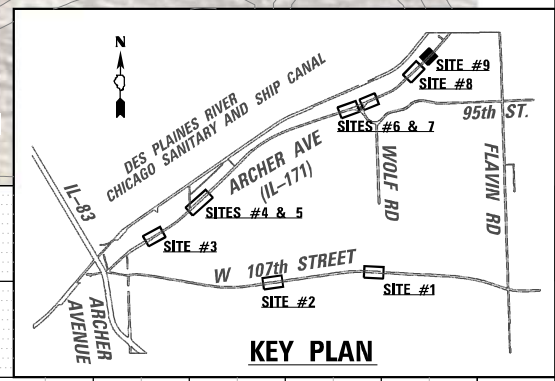
NOTE:
ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



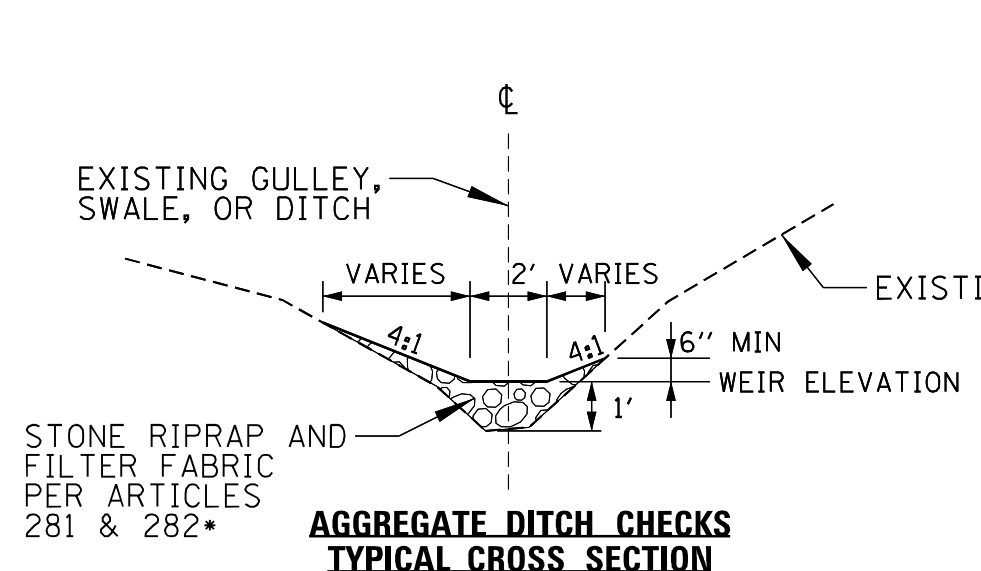
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	PLOT SCALE = 40,0000' / in.	DRAWN - JK	REVISED -		VAR.	2023 VAR DRAINAGE	VARIOUS	136	75			
	PLOT DATE = 10/2024	CHECKED - ST	REVISED -									
		DATE - 12/2025	REVISED -			SCALE: 1"=20'H:5'V	SHEET 12 OF 13 SHEETS	STA. 75+00 TO STA. 80+50	ILLINOIS FED. AID PROJECT			



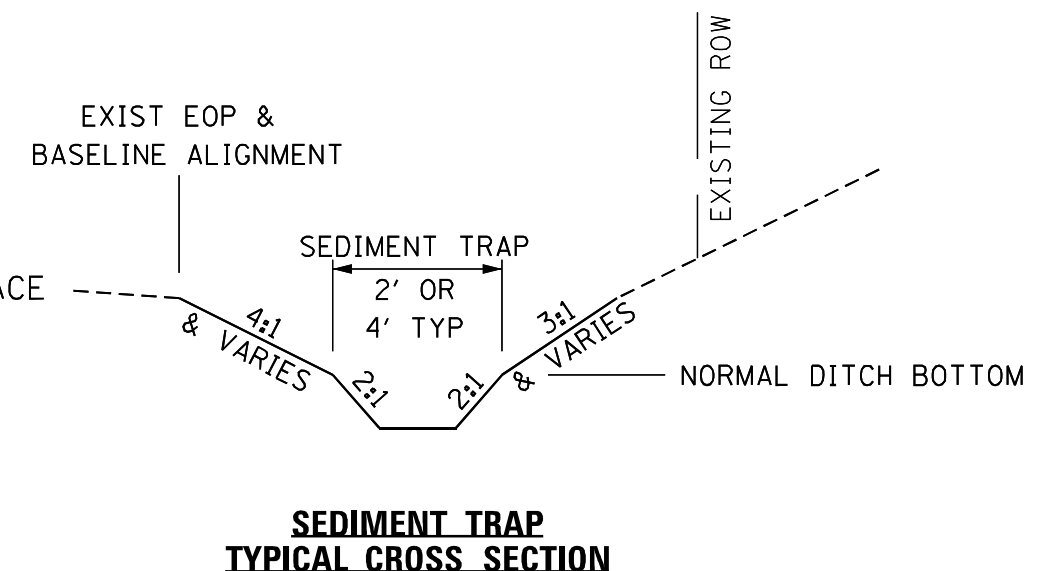
NOTE:
ALL WORK RELATED TO THE CONSTRUCTION OF THE SEDIMENT TRAPS SHOWN ON THE PLANS IS TO BE PAID FOR AT CONTRACT UNIT PRICE PER SQ YD FOR STONE RIPRAP, CLASS A4.



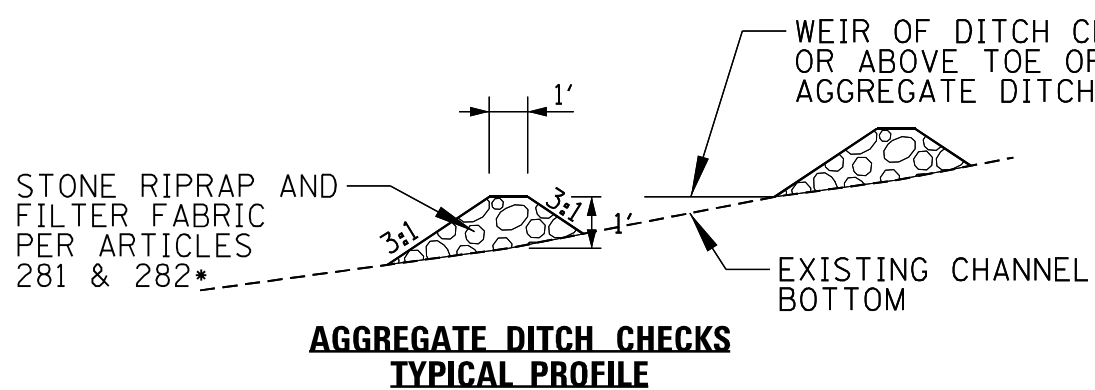
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	PLOT SCALE = 40,0000' / in.	CHECKED - ST	REVISED -			VAR.	2023 VAR DRAINAGE	VARIOUS	136	76
	PLOT DATE = 10/2024	DATE - 12/2025	REVISED -			CONTRACT NO. 62V08			ILLINOIS FED. AID PROJECT	
						SCALE: 1"=20'H:5'V	SHEET 13 OF 13 SHEETS	STA. 80+50 TO STA. 86+05		



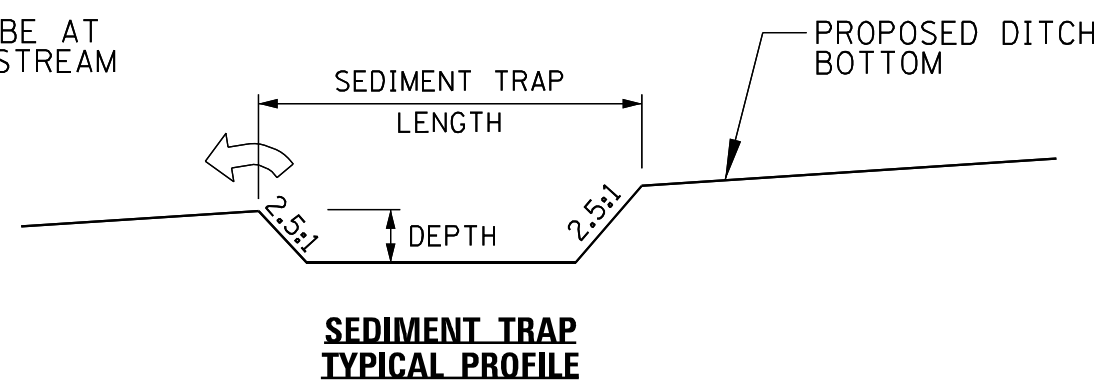
**AGGREGATE DITCH CHECKS
TYPICAL CROSS SECTION**



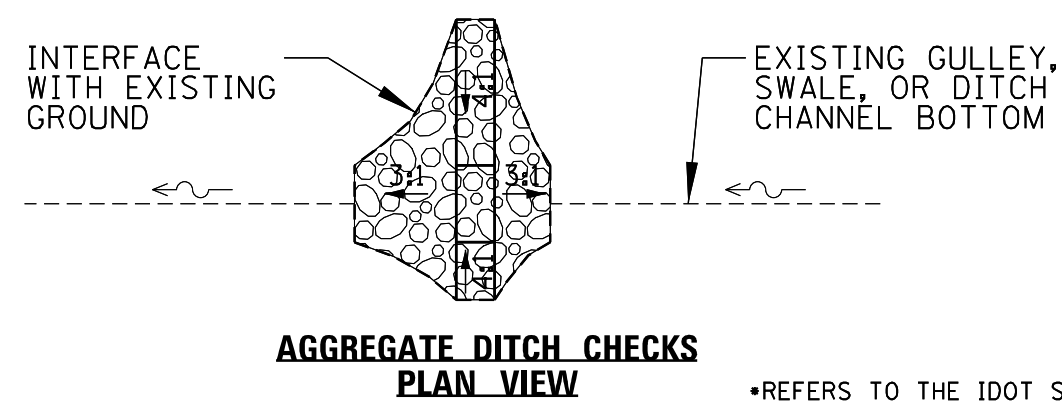
**SEDIMENT TRAP
TYPICAL CROSS SECTION**



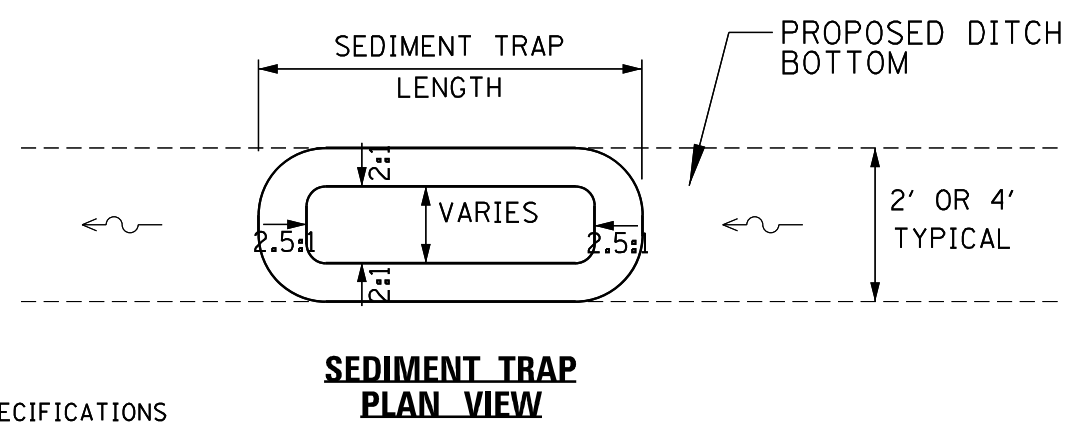
**AGGREGATE DITCH CHECKS
TYPICAL PROFILE**



**SEDIMENT TRAP
TYPICAL PROFILE**



**AGGREGATE DITCH CHECKS
PLAN VIEW**



**SEDIMENT TRAP
PLAN VIEW**

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

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 PROJECT: 2050082306 - 15683_Drainage_Improvements



USER NAME = USMM717315	DESIGNED - MM	REVISED -
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PLOT DATE = 12/5/2025	CHECKED - KE	REVISED -
	DATE - 09/24/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 171
CONSTRUCTION DETAILS**

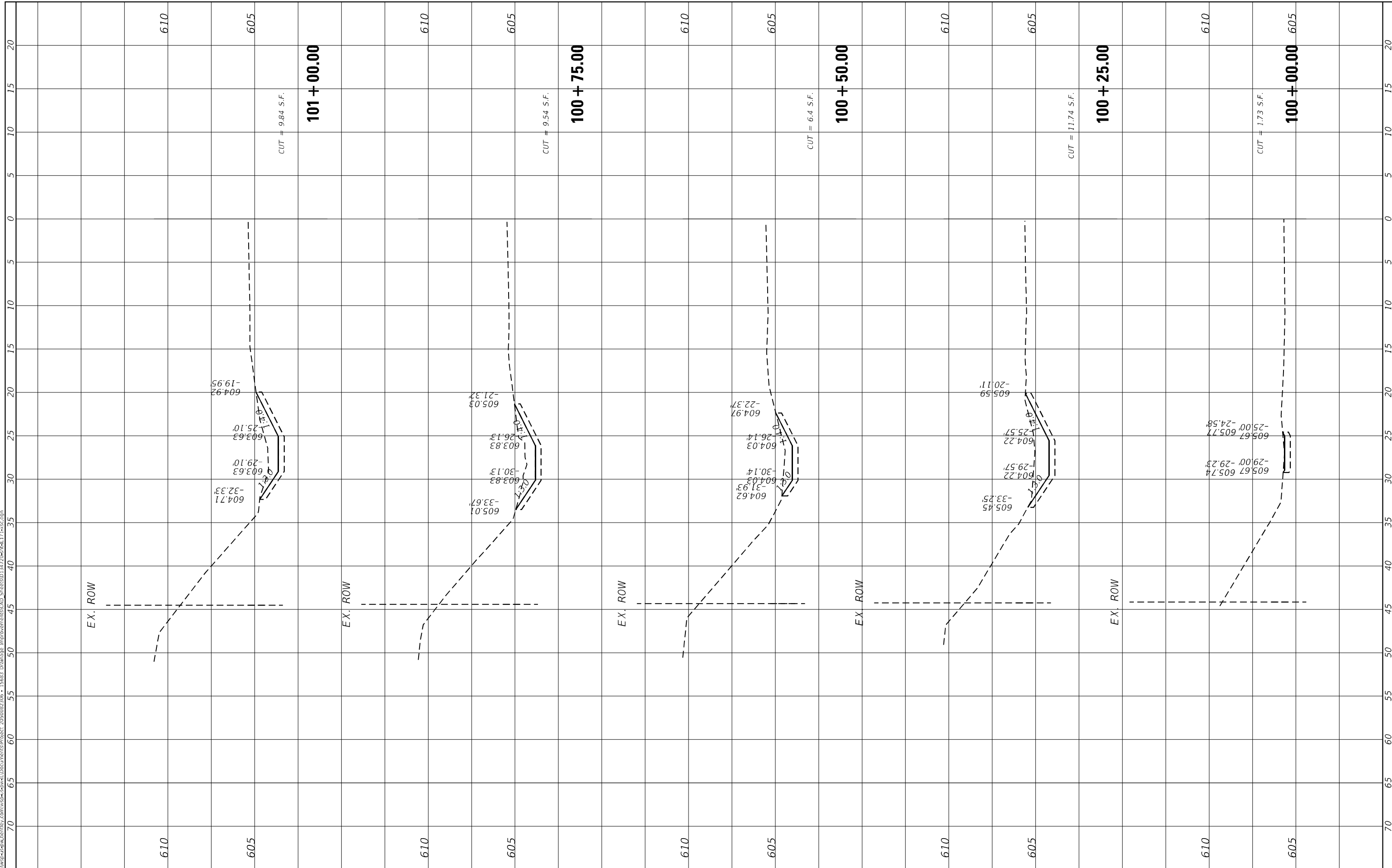
SCALE: SHEET OF SHEETS STA. TO STA.

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	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**

SCALE: H: 1" = 10'
 V: 1" = 4'
 SHEET 1 OF 6 SHEETS STA. 100+00.00 TO STA. 101+00.00

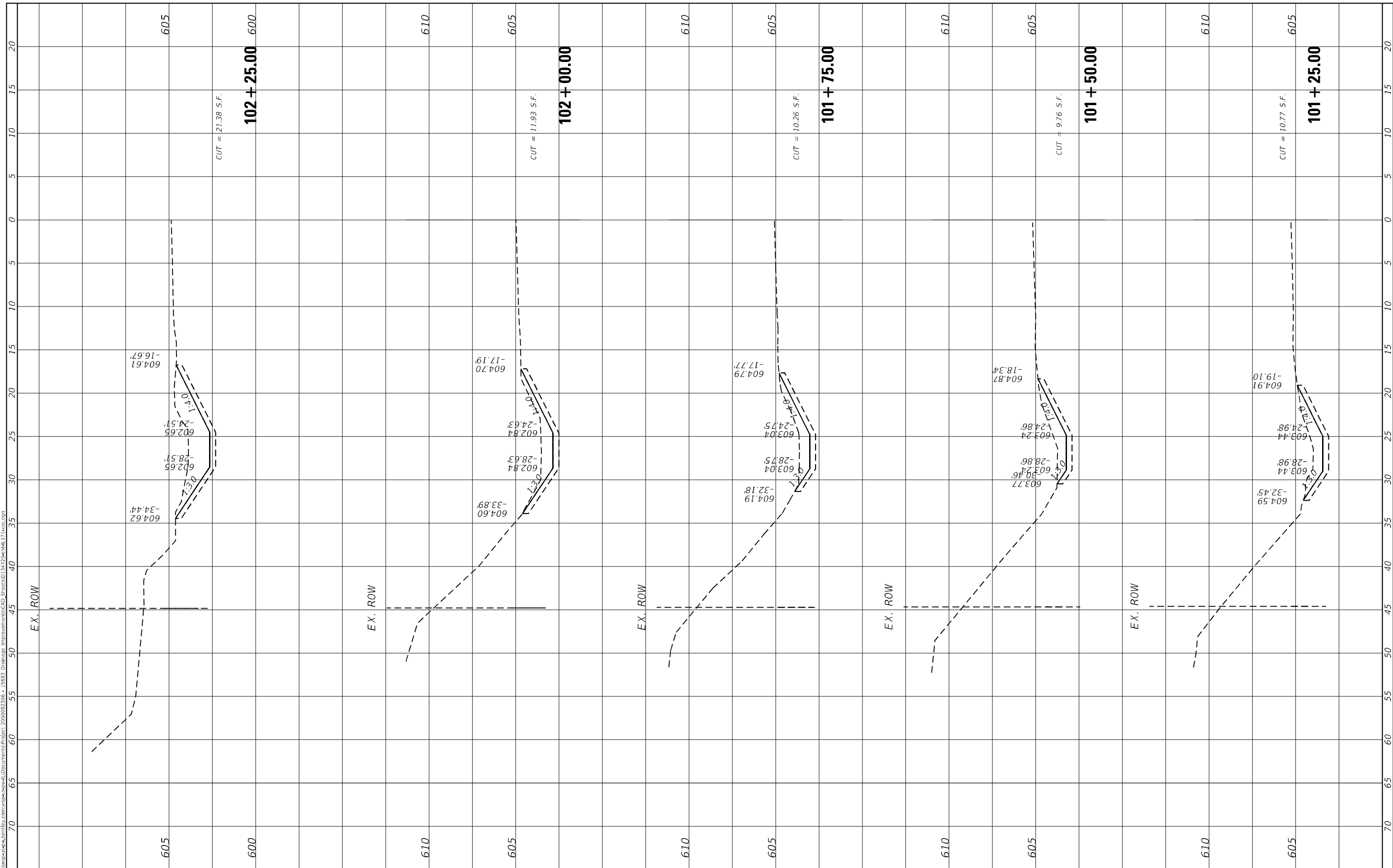
**SITES #1 107TH STREET
 CROSS SECTIONS**

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.	SHIPPED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	BY	DATE
NOTE BOOK		
AREAS CHECKED		

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 PROJECT: 205002306 - 15683 Drainage Improvements



USER NAME = USMM717315
PLOT SCALE = 10.0000 "/td>
PLOT DATE = 12/5/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

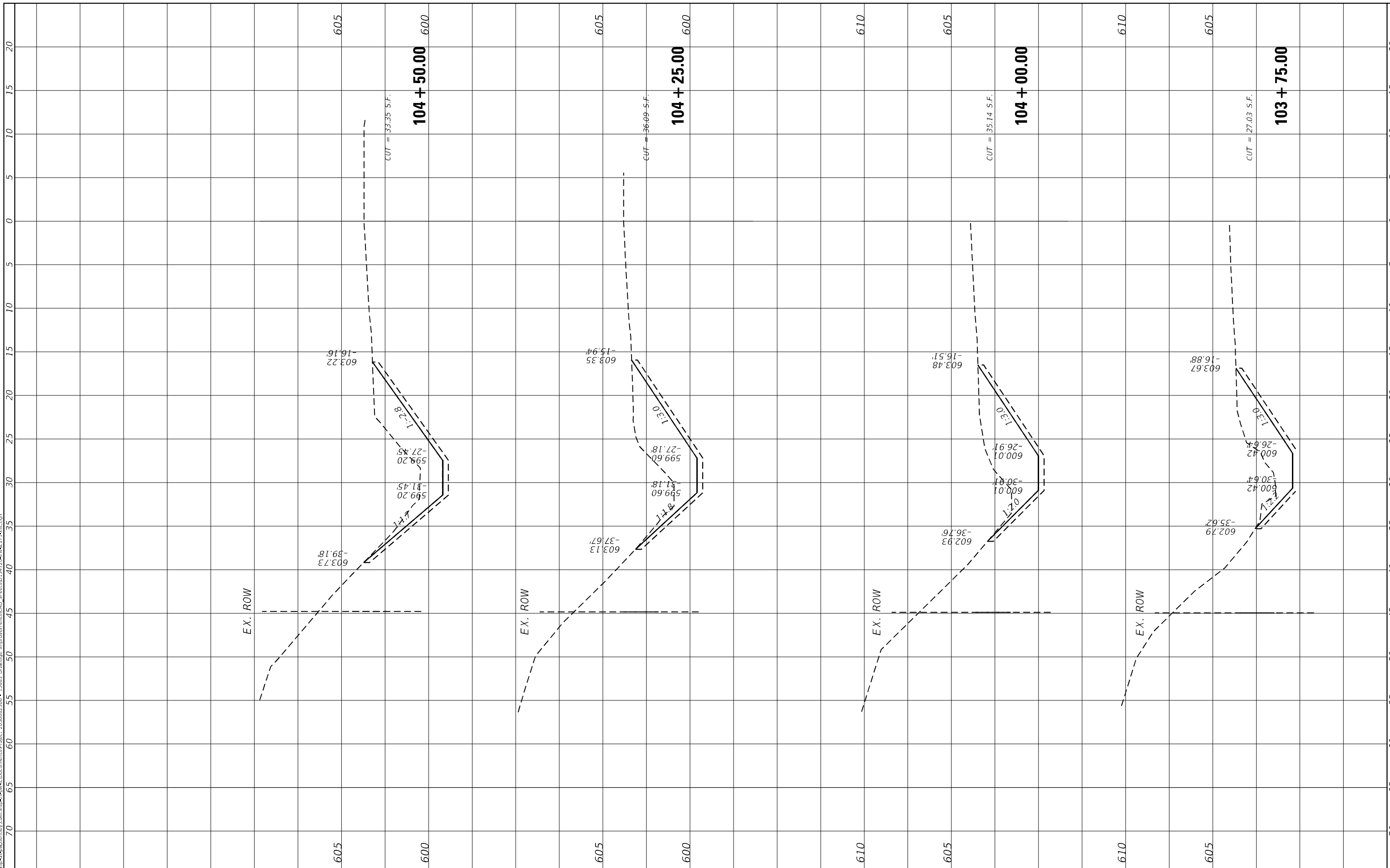
SCALE: $\frac{1"}{40'}$	SHEET 2	OF 6 SHEETS	STA. 101+25.00	TO STA. 102+25.00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	79
				CONTRACT NO. 62V08
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
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

SITES #1 107TH STREET
 CROSS SECTIONS

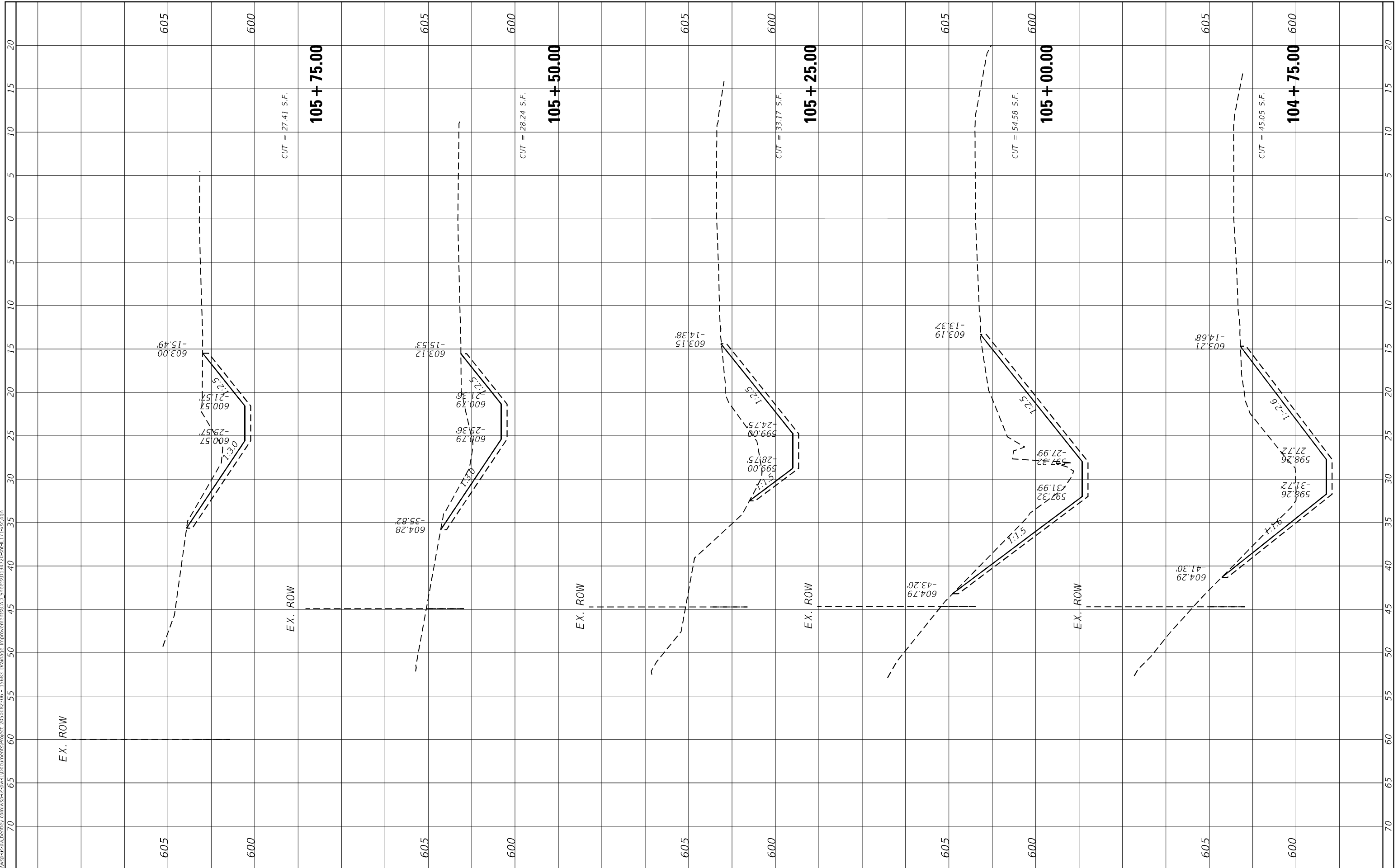
SCALE: $\frac{1"}{40'}$ SHEET 4 OF 6 SHEETS STA. 103+75.00 TO STA. 104+50.00

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

DESIGNED -
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 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

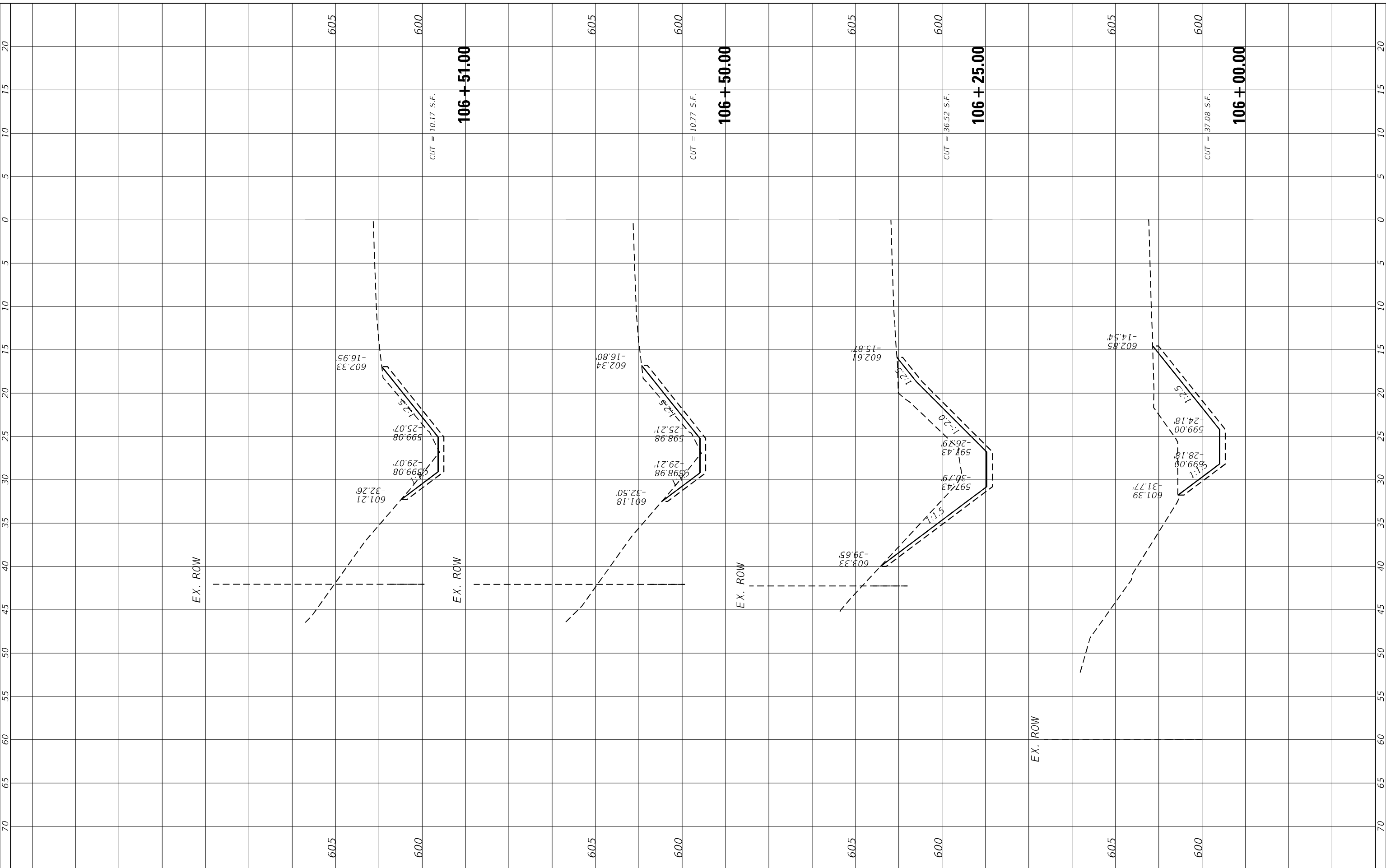
**SITES #1 107TH STREET
 CROSS SECTIONS**

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

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		



USER NAME = USMM717315
PLOT SCALE = 10.0000" = 1'.
PLOT DATE = 12/5/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

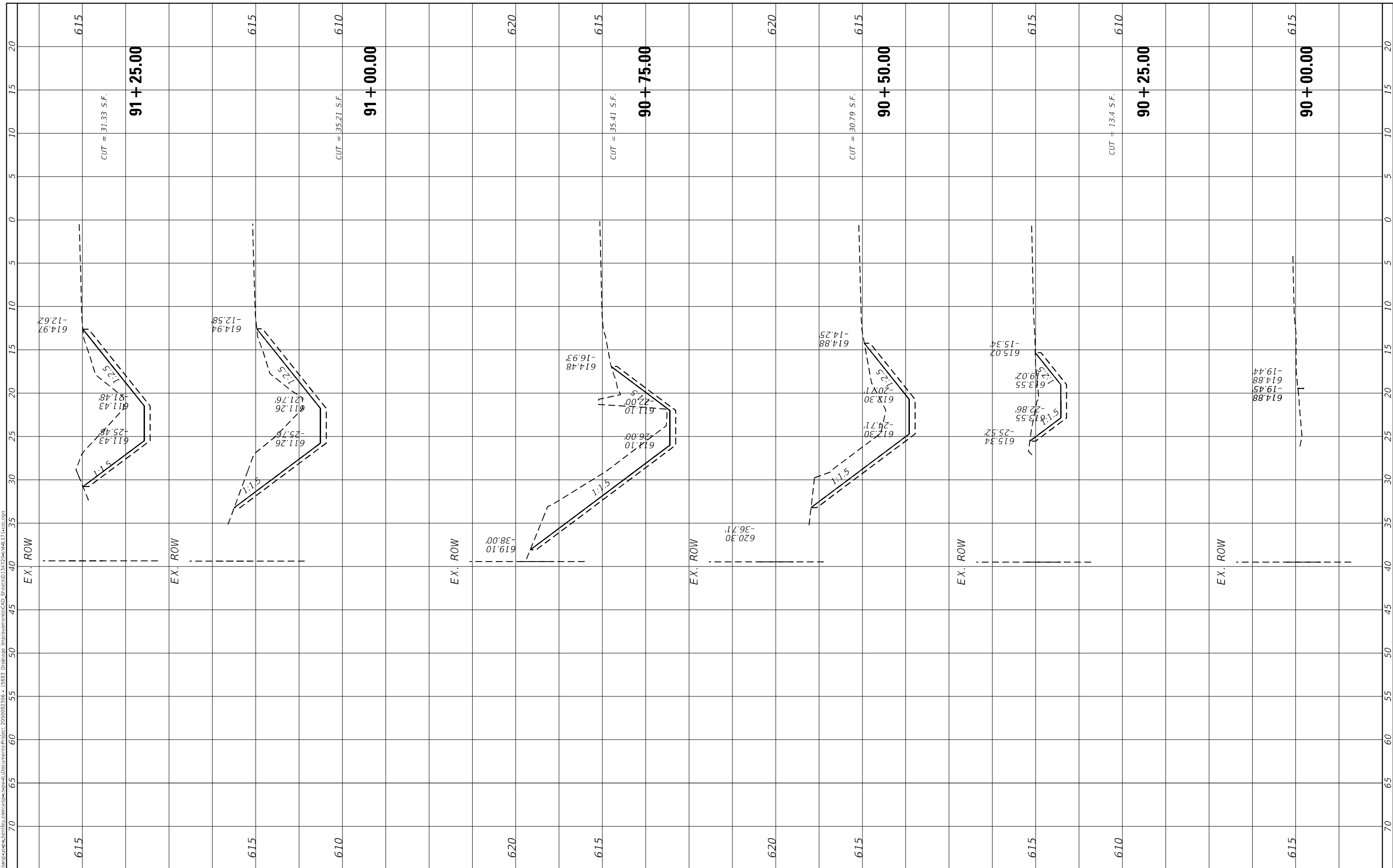
SCALE: H: 1" = 10' V: 1" = 5' SHEET 6 OF 6 SHEETS STA. 106+00.00 TO STA. 106+51.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	83
CONTRACT NO. 62V08				

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 -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #2 107TH STREET
 CROSS SECTIONS

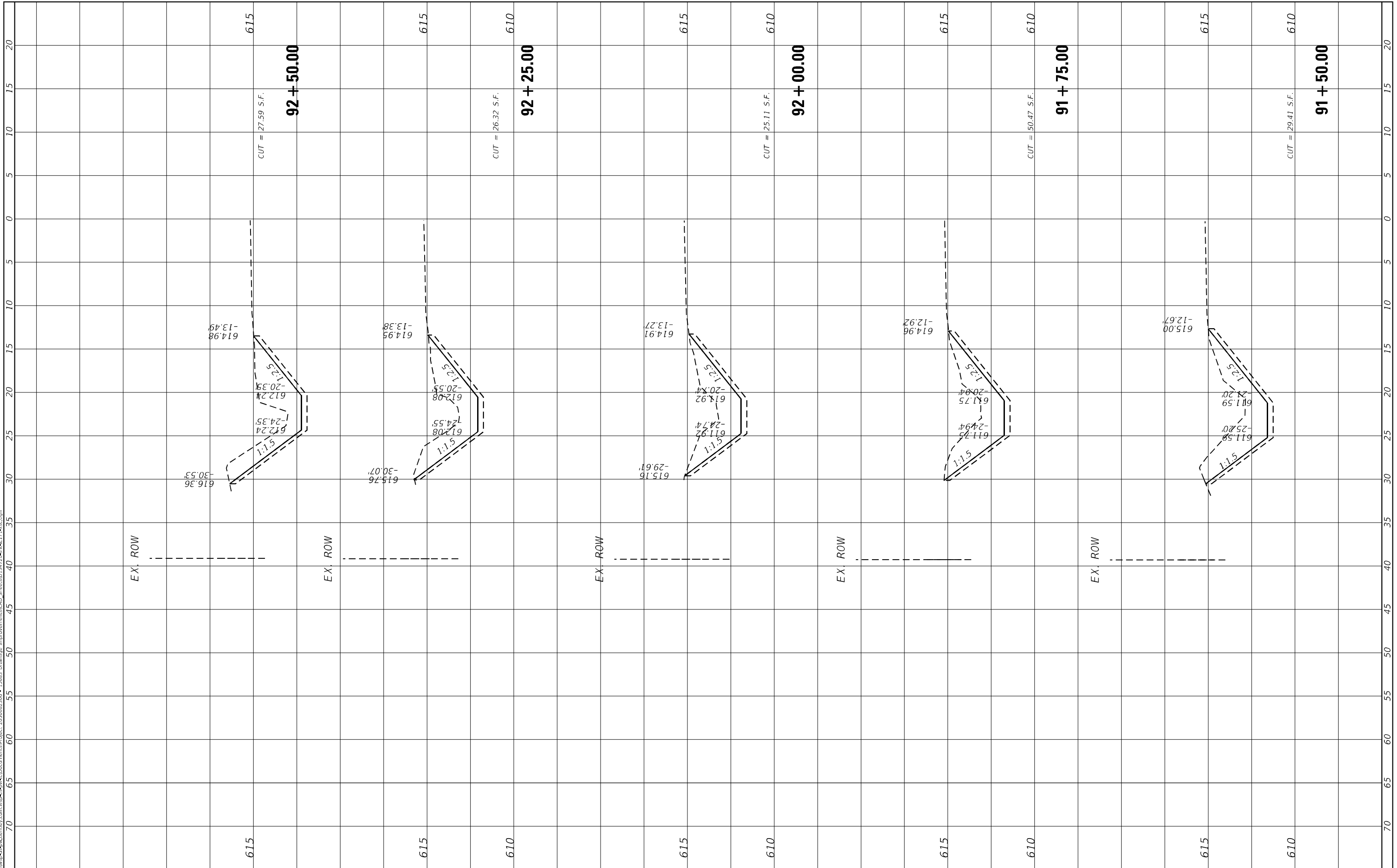
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 1 OF 6 SHEETS STA. 90+00.00 TO STA. 91+25.00

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

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #2 107TH STREET
 CROSS SECTIONS

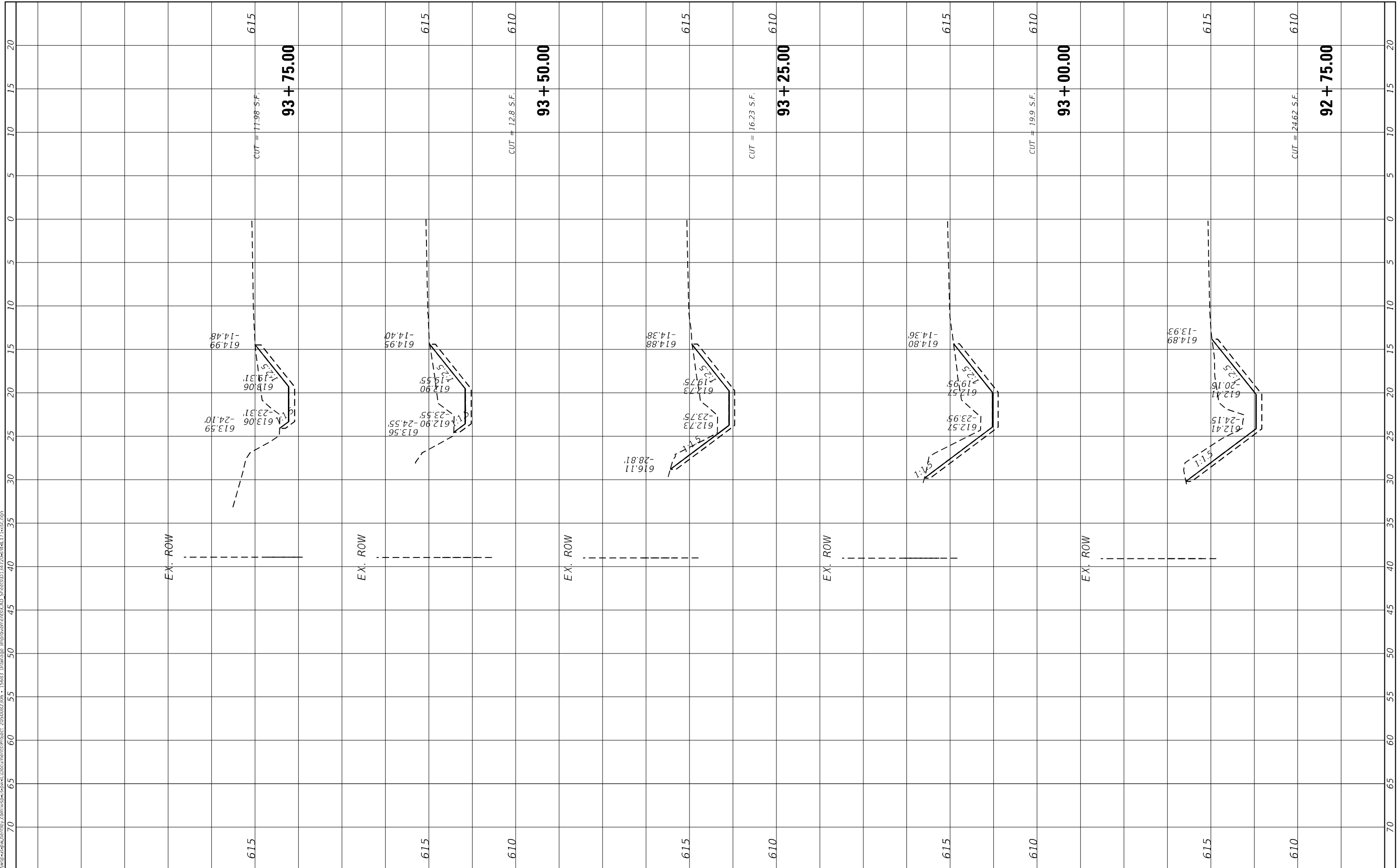
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 2 OF 6 SHEETS
 STA. 91+50.00 TO STA. 92+50.00

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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USER NAME = USMM717315
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DESIGNED -
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 CHECKED -
 DATE -

REVISED -
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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

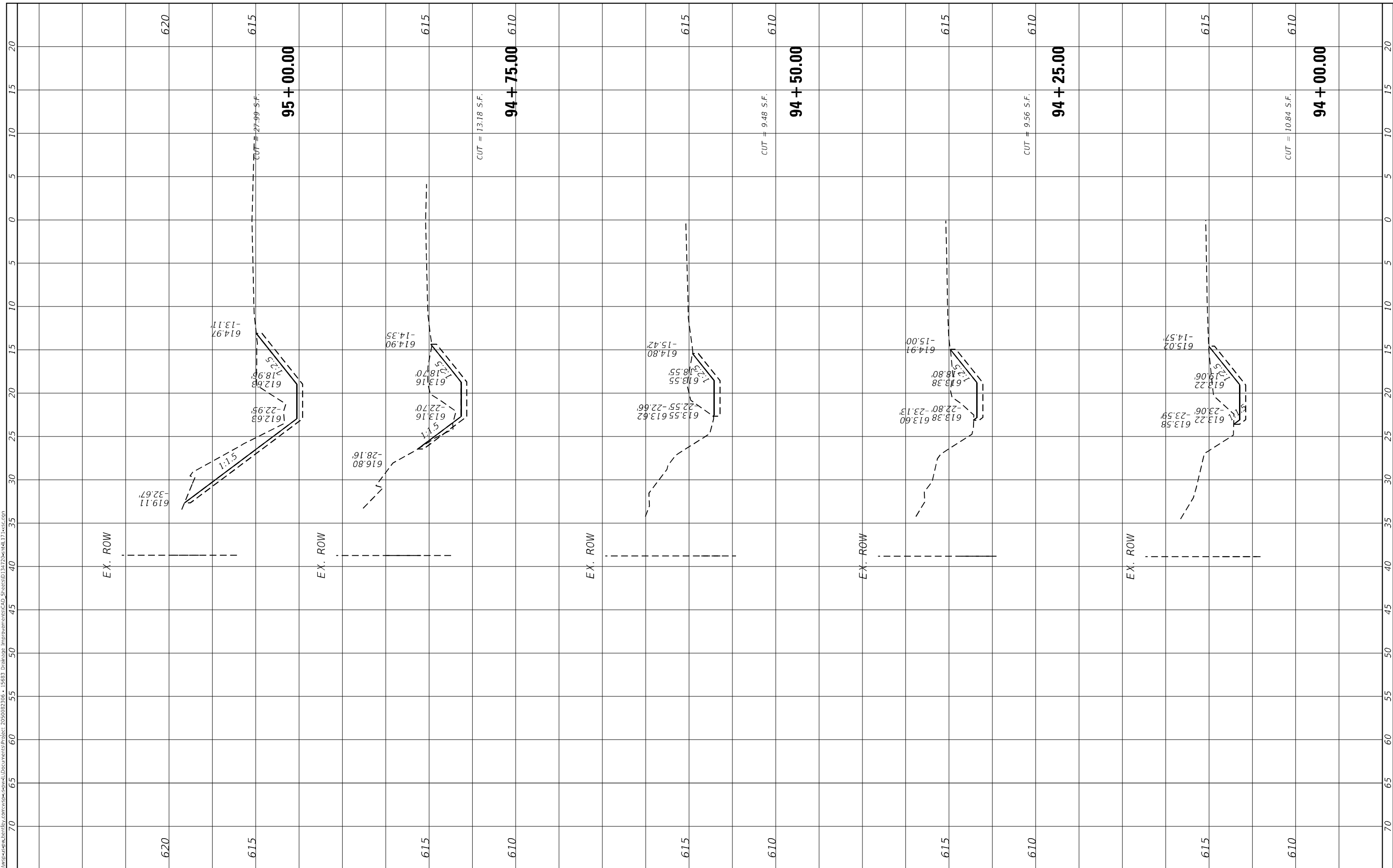
SCALE: $H: \frac{1"}{10'}$, $V: \frac{1"}{4'}$ SHEET 3 OF 6 SHEETS STA. 92+75.00 TO STA. 93+75.00

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 NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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

SCALE: H: 1"=100'
 V: 1"=5'
 SHEET 4 OF 6 SHEETS
 STA. 94+00.00 TO STA. 95+00.00

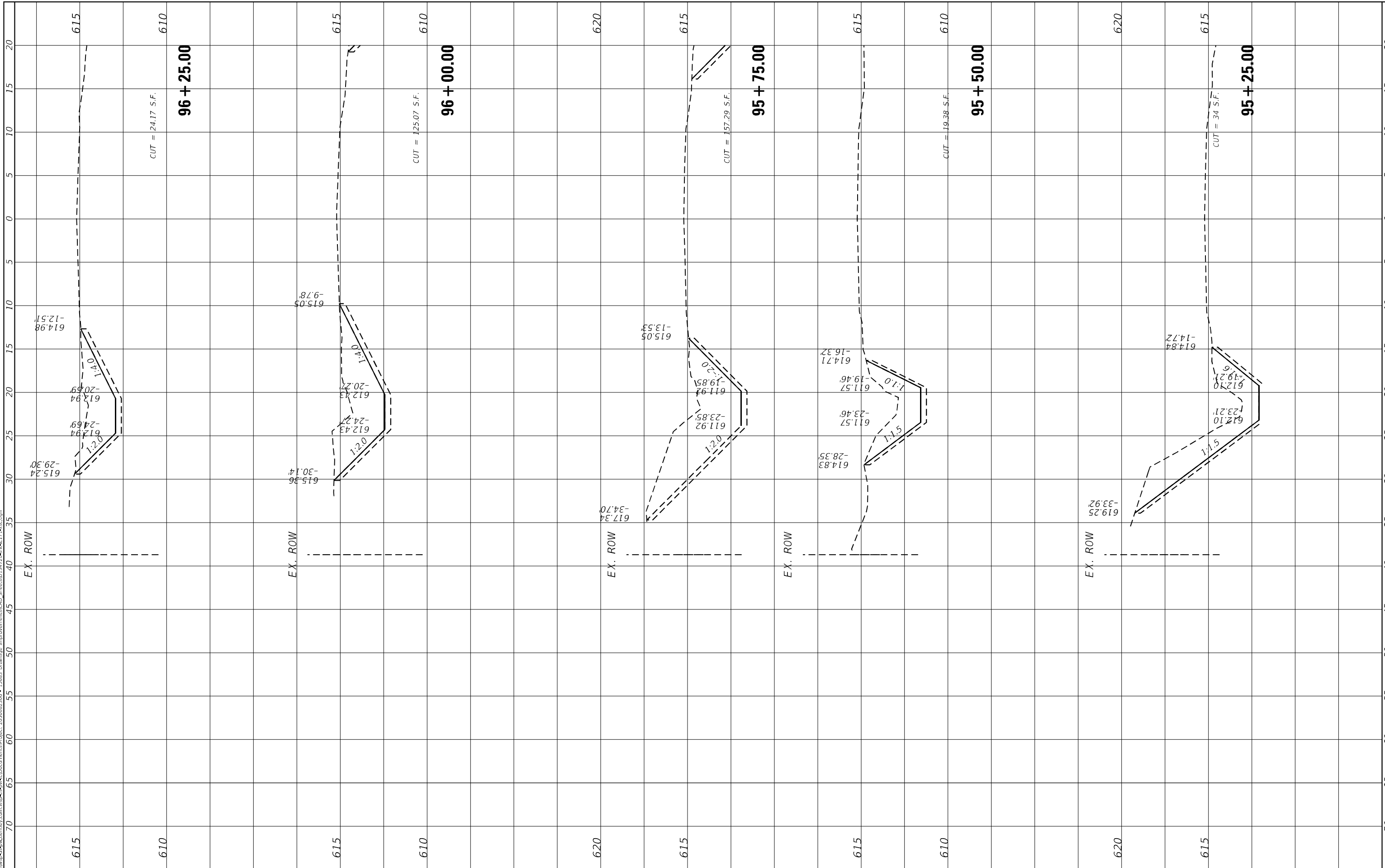
SITES #2 107TH STREET
 CROSS SECTIONS

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		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**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

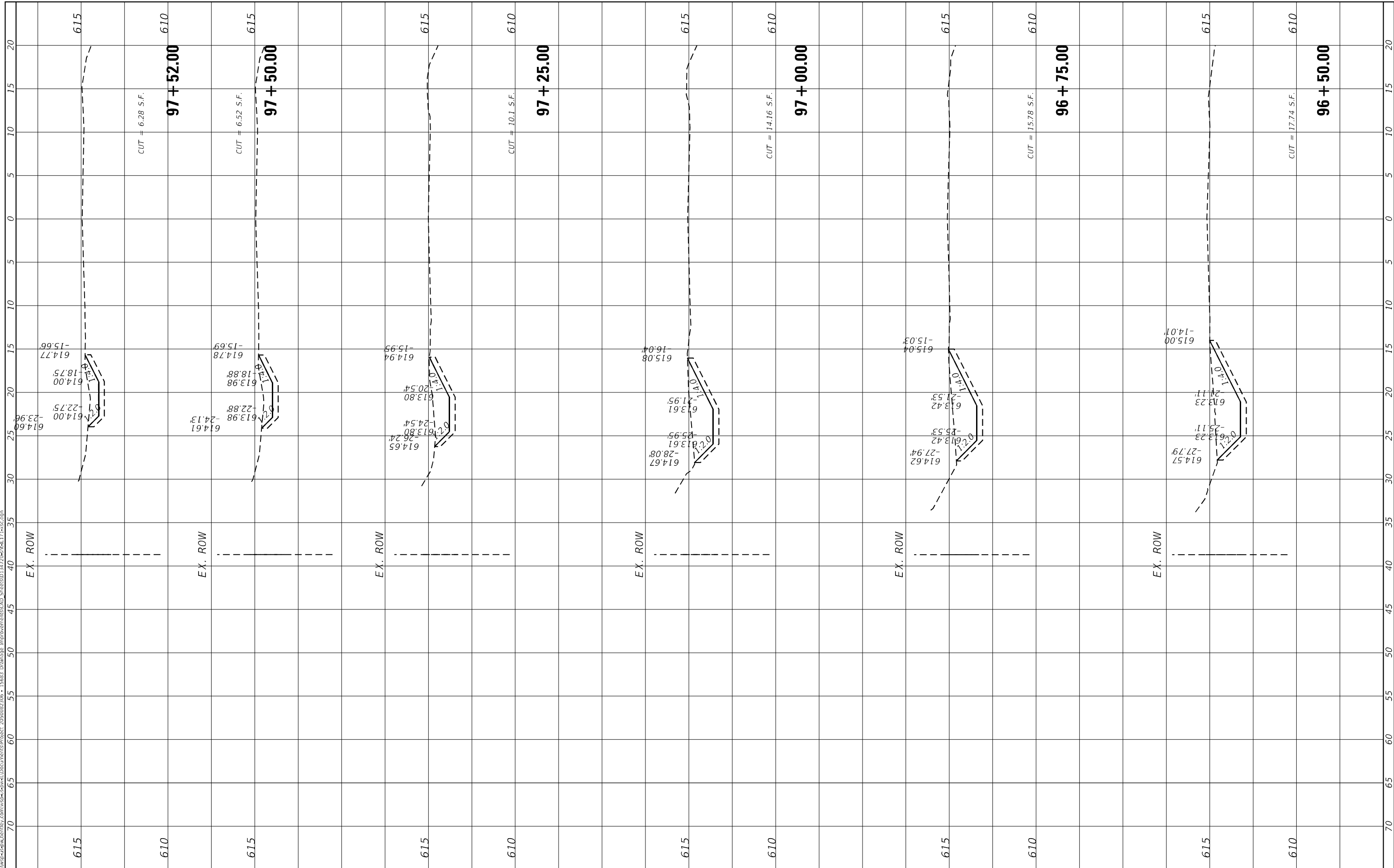
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	88
			CONTRACT NO. 62V08	

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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PLOT DATE = 12/5/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #2 107TH STREET
CROSS SECTIONS

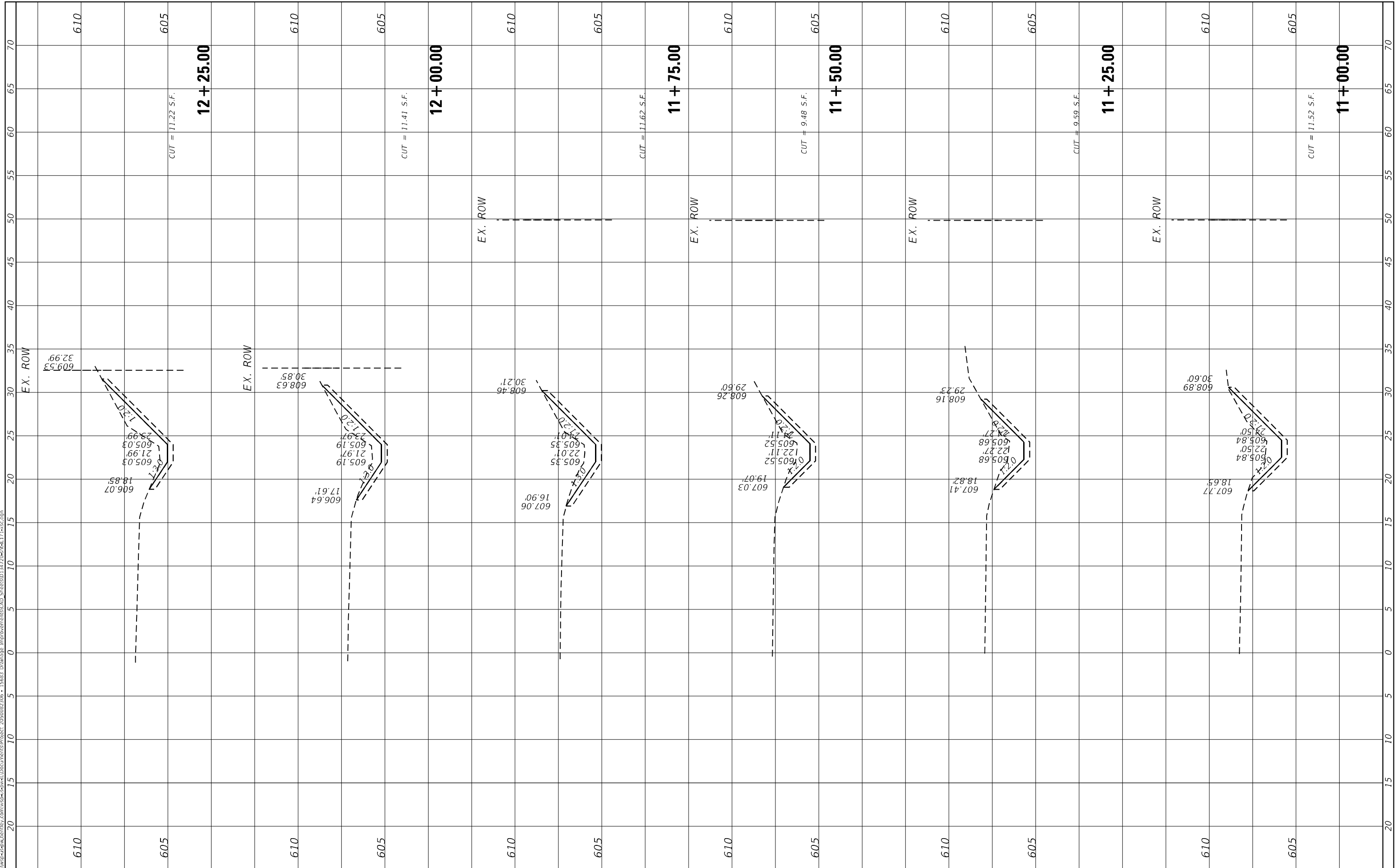
SCALE: H: 1"=10'
V: 1"=4'
SHEET 6 OF 6 SHEETS STA. 96+50.00 TO STA. 97+50.00

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.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT DATE = 12/5/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #3 IL RTE 171
CROSS SECTIONS

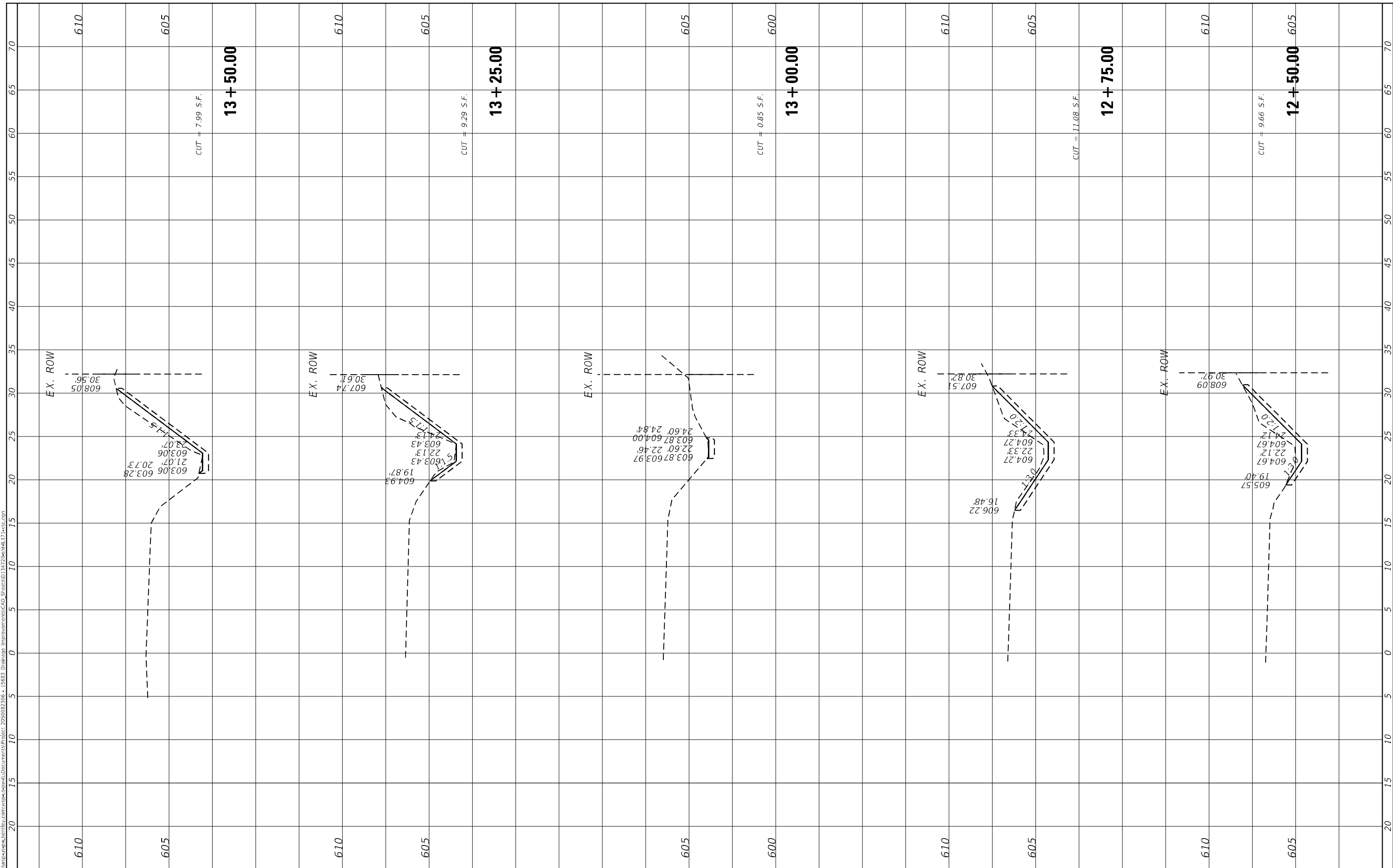
SCALE: $\frac{1"}{40'}$ SHEET 2 OF 6 SHEETS STA. 11+00.00 TO STA. 12+25.00

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	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	BY	DATE
NOTE BOOK		
AREAS CHECKED		

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 CHECKED -
 PLOT DATE = 12/5/2025
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

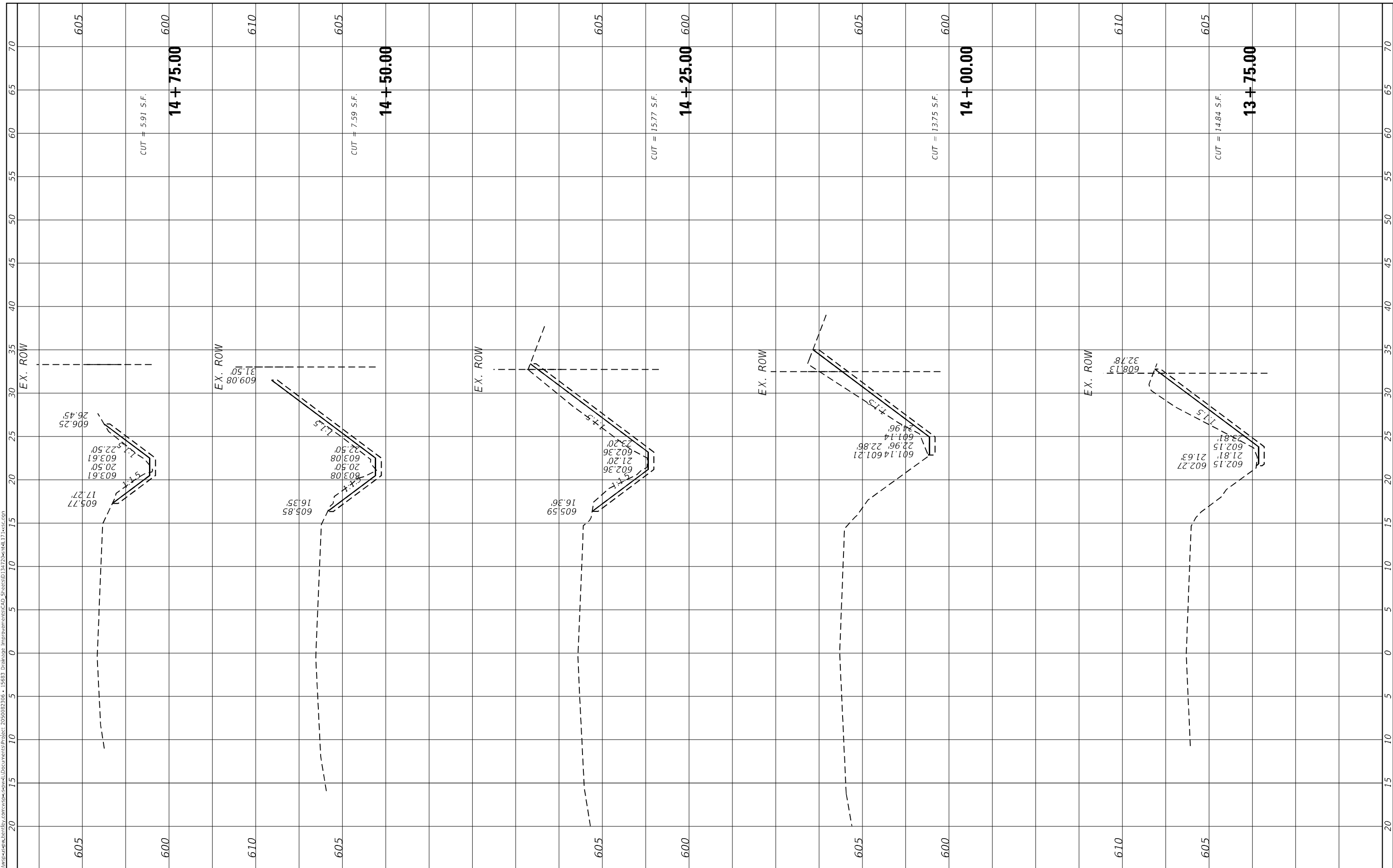
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 3 OF 6 SHEETS STA. 12+50.00 TO STA. 13+50.00

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	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #3 IL RTE 171
CROSS SECTIONS

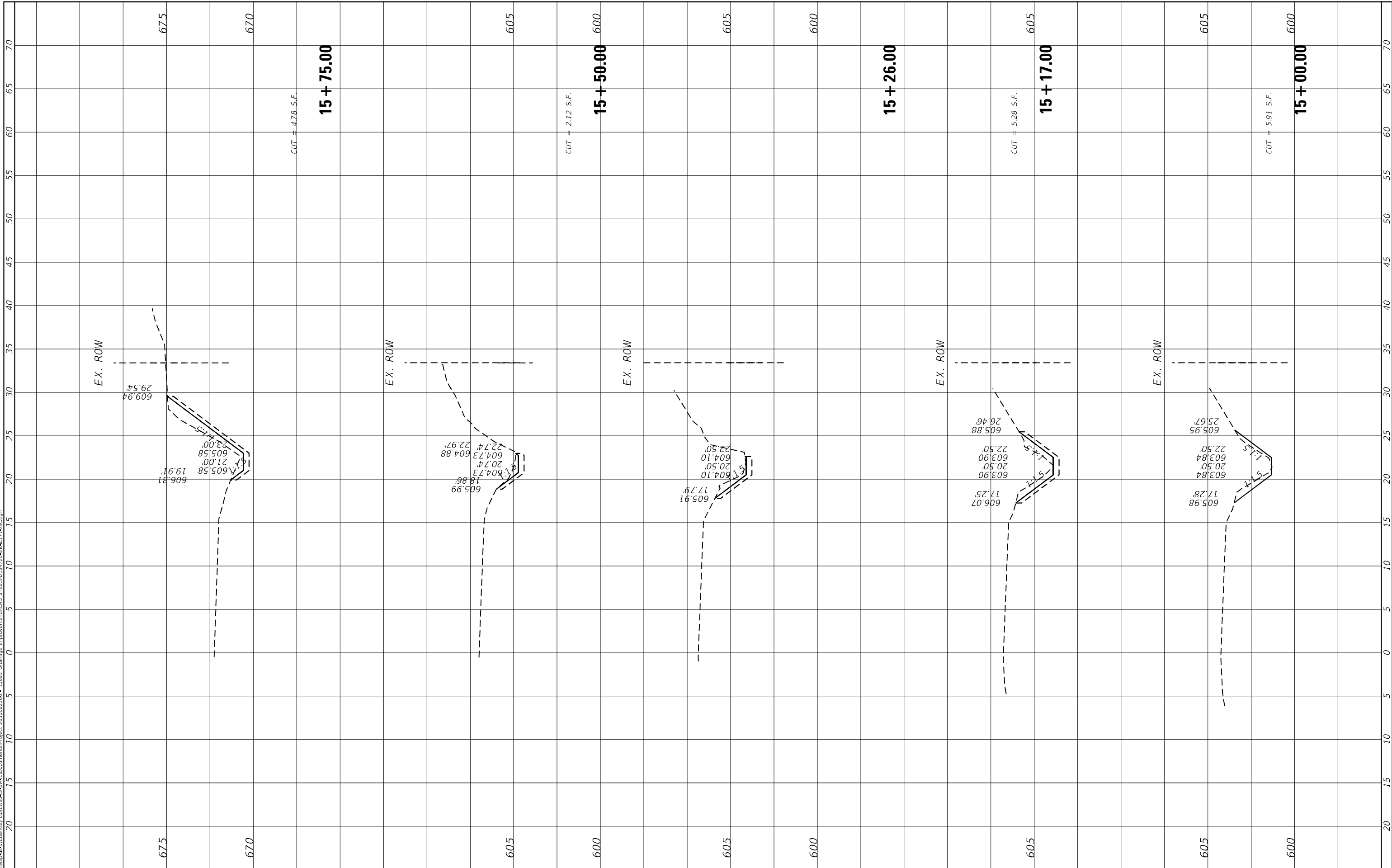
SCALE: H: 1"=10'
V: 1"=40'
SHEET 4 OF 6 SHEETS STA. 13+75.00 TO STA. 14+75.00

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 PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT DATE = 12/5/2025

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DATE -	REVISED -

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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

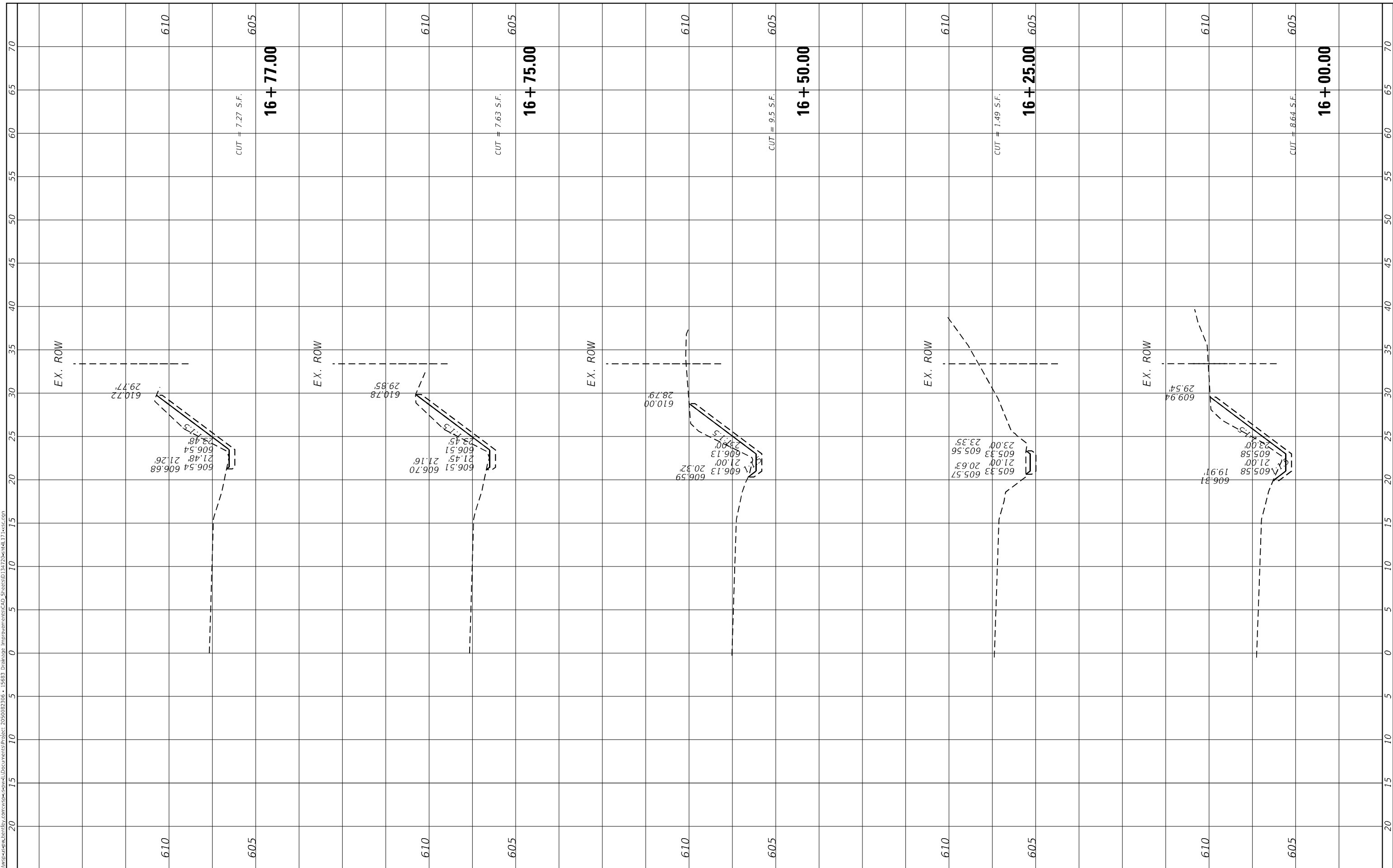
SCALE: H: 1"=40'	V: 1"=20'	SHEET 5	OF 6 SHEETS	STA. 15+00.00	TO STA. 15+75.00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	94
			CONTRACT NO. 62V08	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	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

SCALE: H: 1"=100'		SHEET 6 OF 6 SHEETS		STA. 16+00.00 TO STA. 16+77.00	
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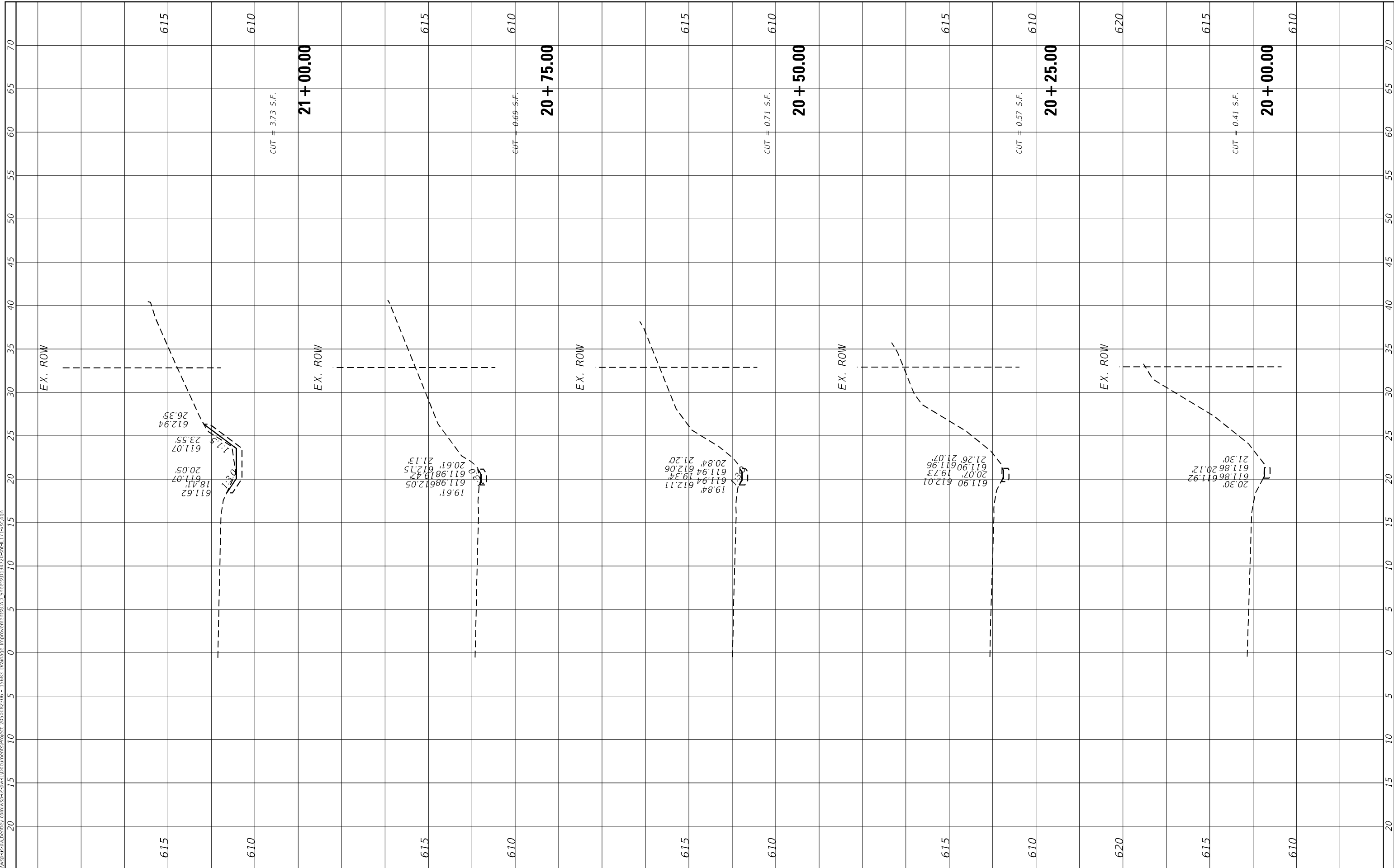
SITES #3 IL RTE 171
 CROSS SECTIONS

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	TEMPLATE		
CHECKED	AREAS		
	CHECKED		

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

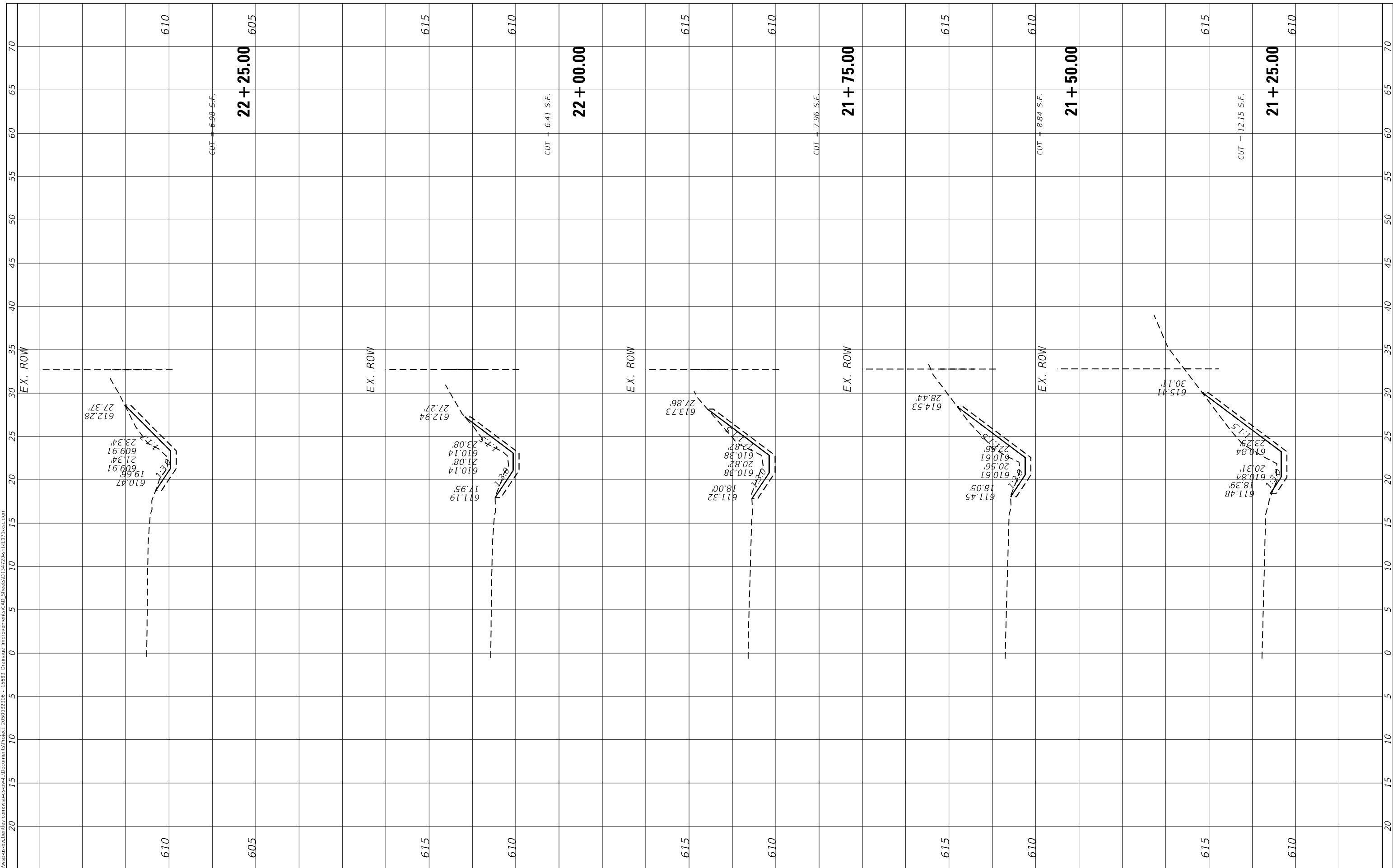
**SITES #4 IL RTE 171
CROSS SECTIONS**
SCALE: H: 1"=10'
V: 1"=5'
SHEET 1 OF 7 SHEETS
STA. 20+00.00 TO STA. 21+00.00

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 PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

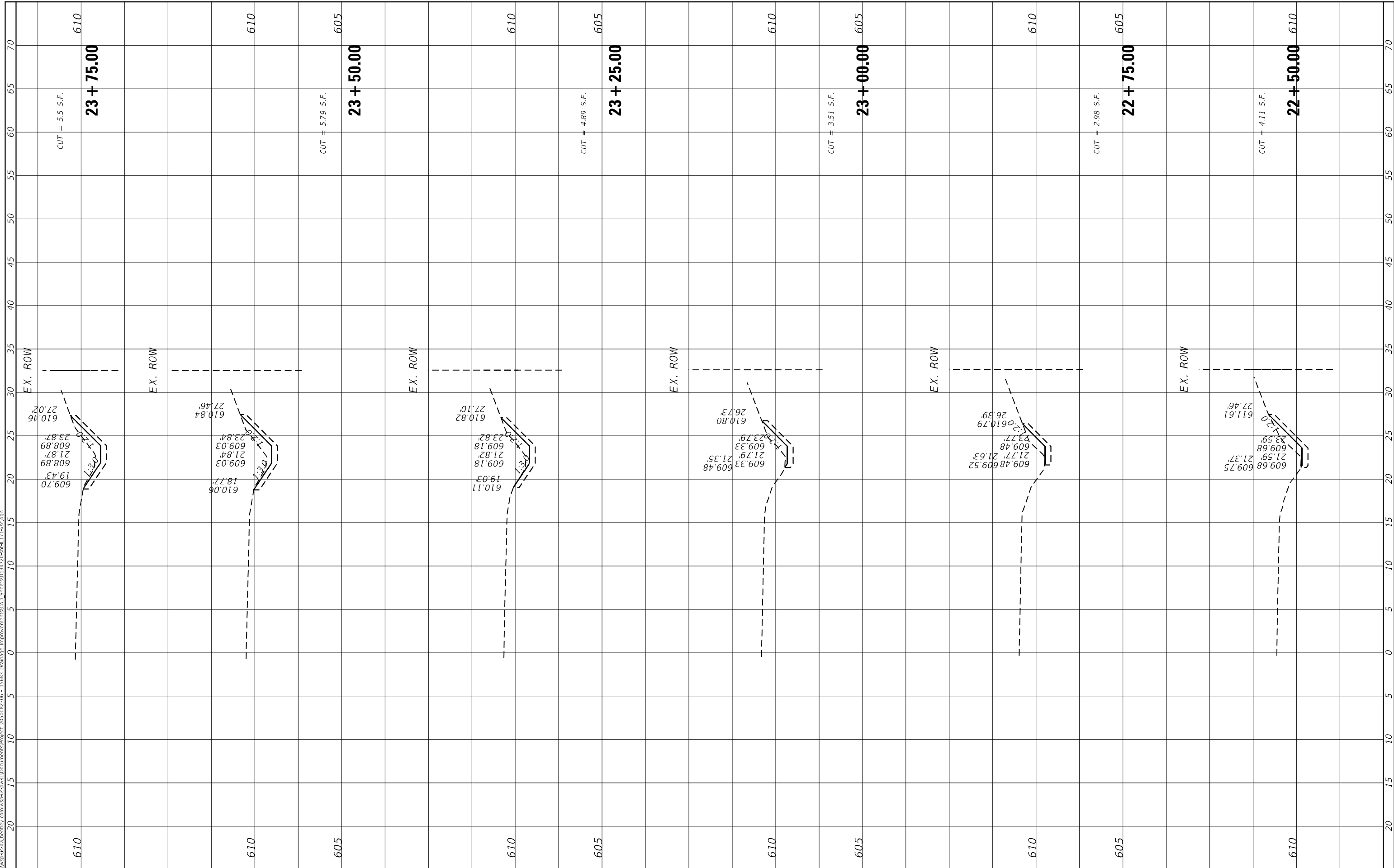
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 2 OF 7 SHEETS STA. 21+25.00 TO STA. 22+25.00

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
NOTE BOOK		
AREAS CHECKED		

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #4 IL RTE 171
 CROSS SECTIONS

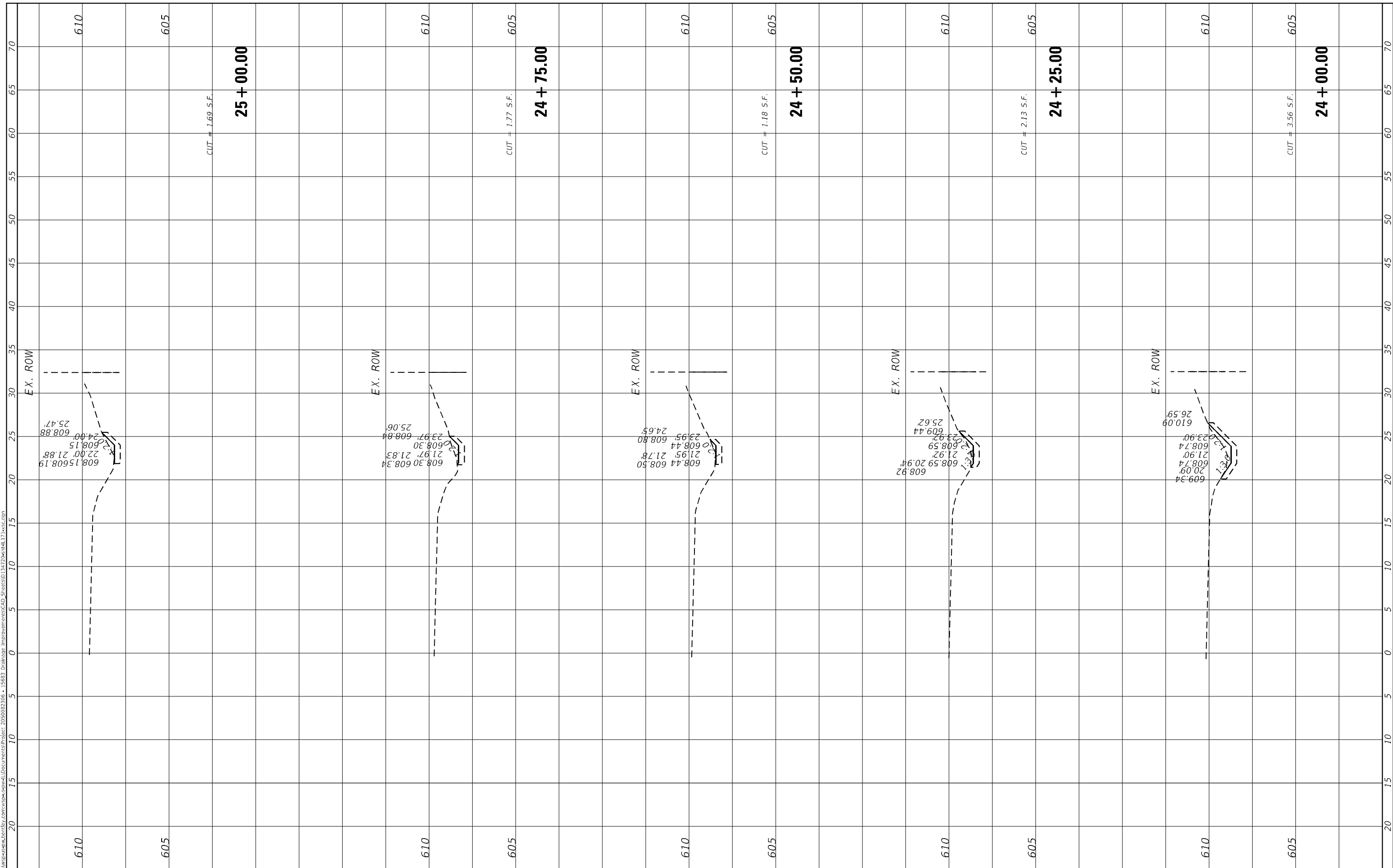
SCALE: H: 1"=10'
 V: 1"=40'
 SHEET 3 OF 7 SHEETS STA. 22+50.00 TO STA. 23+75.00

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.	DATE
SURVEYED	BY
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TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #4 IL RTE 171
 CROSS SECTIONS

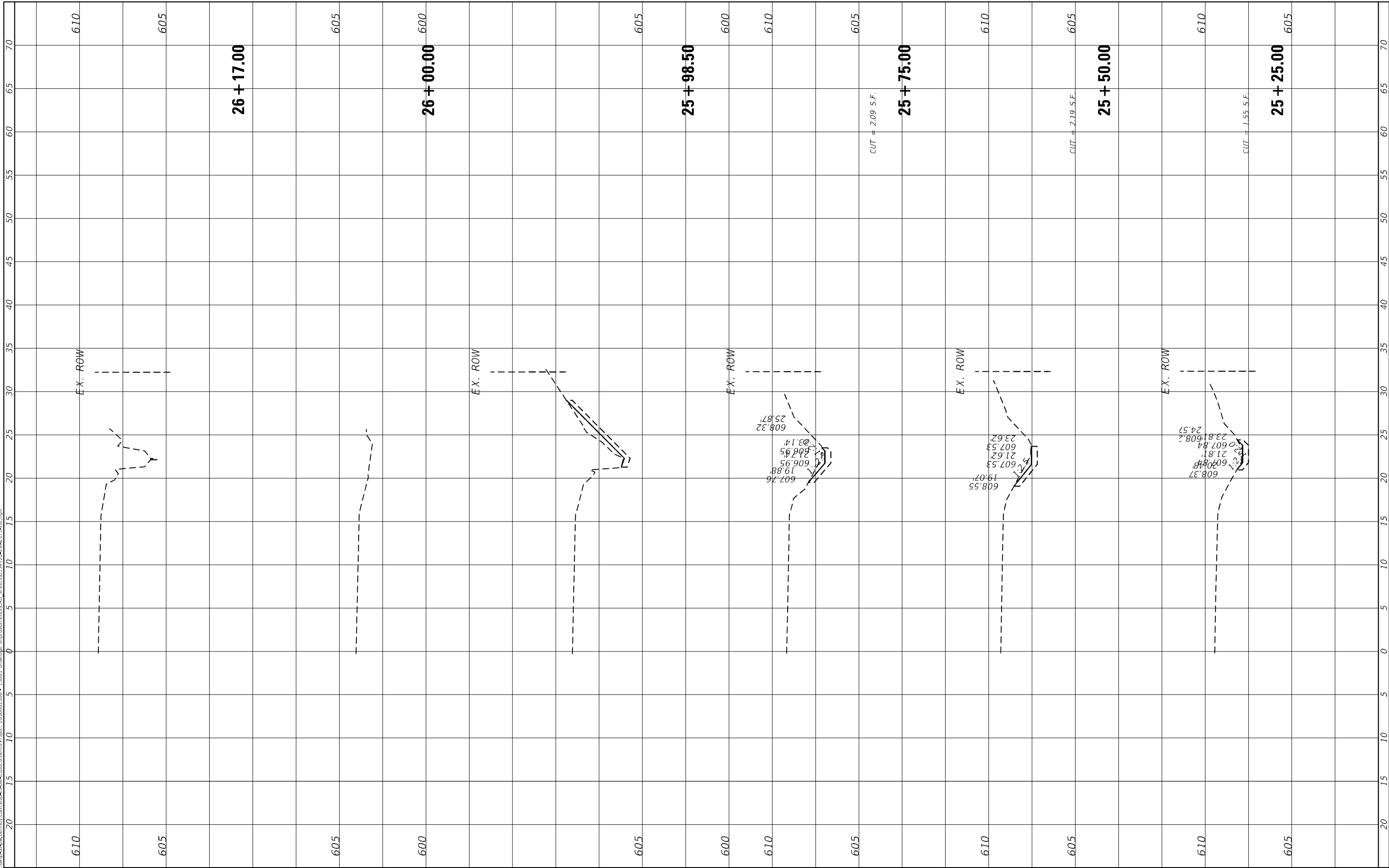
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 4 OF 7 SHEETS STA. 24+00.00 TO STA. 25+00.00

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	
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	AREAS CHECKED	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

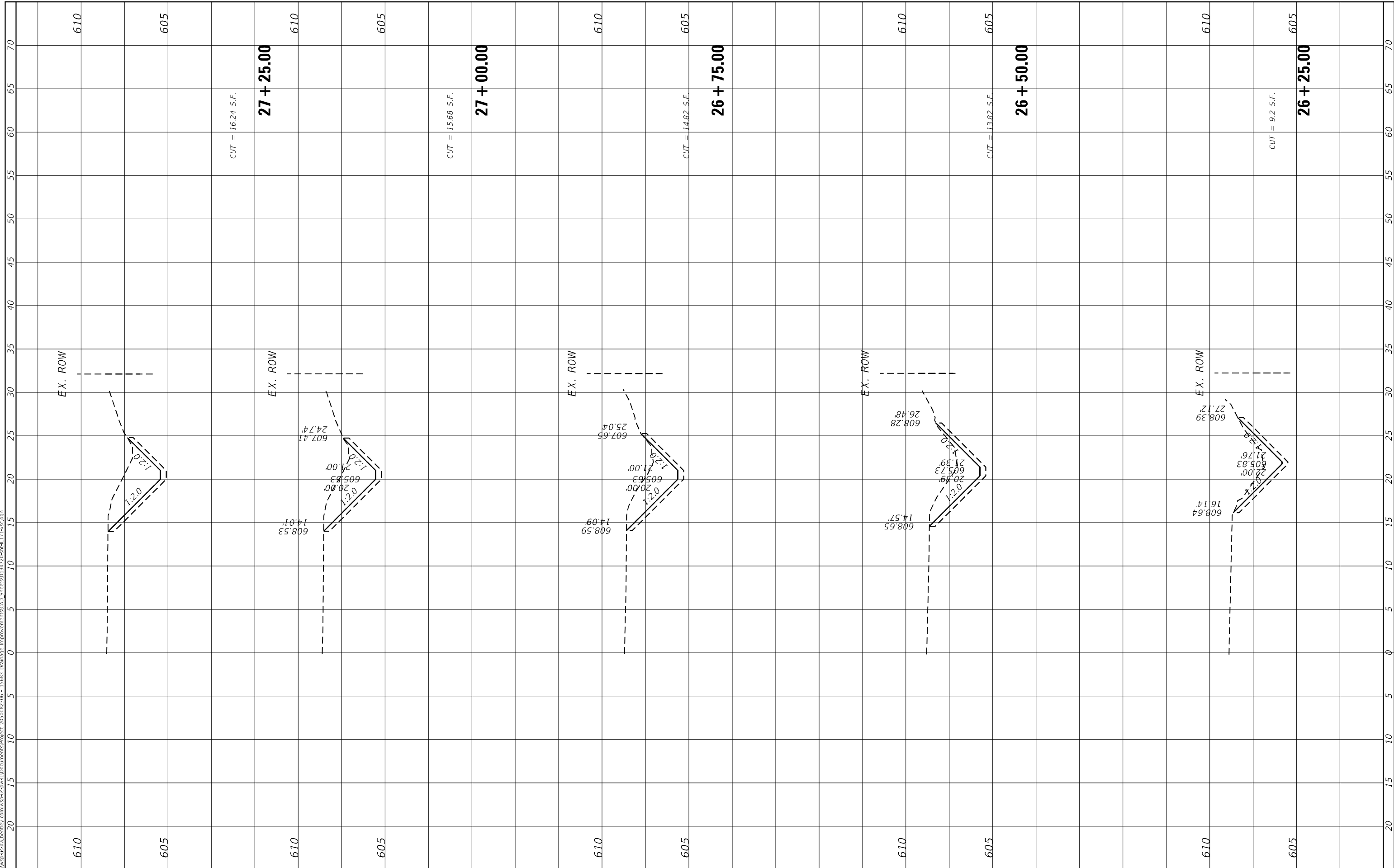
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 5 OF 7 SHEETS STA. 25+25.00 TO STA. 26+17.00

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 DATE = 12/5/2025	CHECKED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #4 IL RTE 171
 CROSS SECTIONS

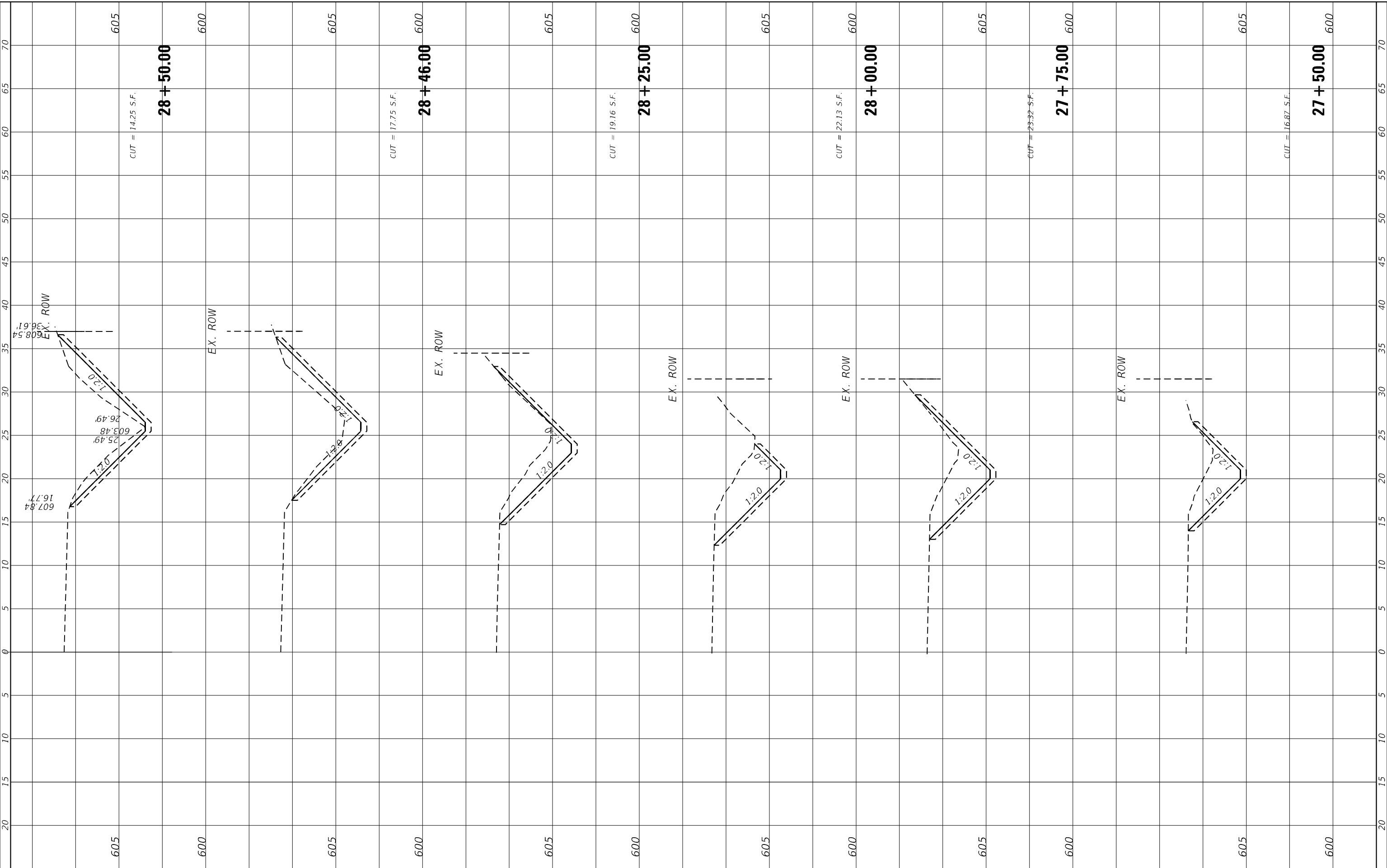
SCALE: H: 1"=100' V: 1"=50' SHEET 6 OF 7 SHEETS STA. 26+25.00 TO STA. 27+25.00

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

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ORIGINAL SURVEY NO.	DATE
SURVEYED	
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AREAS CHECKED	

FINAL SURVEY NO.	DATE
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #4 IL RTE 171
 CROSS SECTIONS

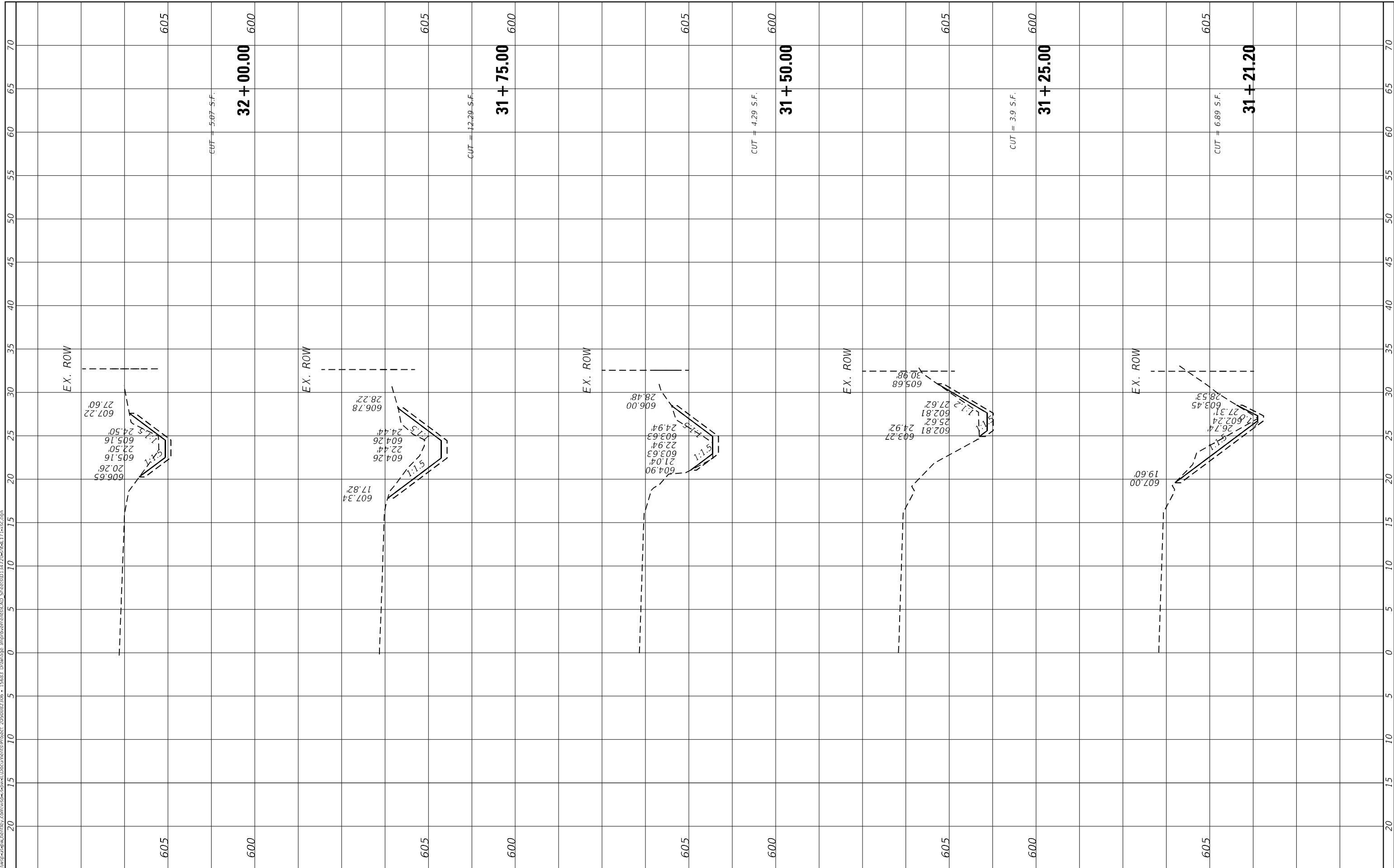
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 7 OF 7 SHEETS
 STA. 27+50.00 TO STA. 28+50.00

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.	SHIPPED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	BY	DATE
NOTE BOOK		
AREAS CHECKED		

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #5 IL RTE 171
 CROSS SECTIONS

SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 1 OF 2 SHEETS STA. 31+21.20 TO STA. 32+00.00

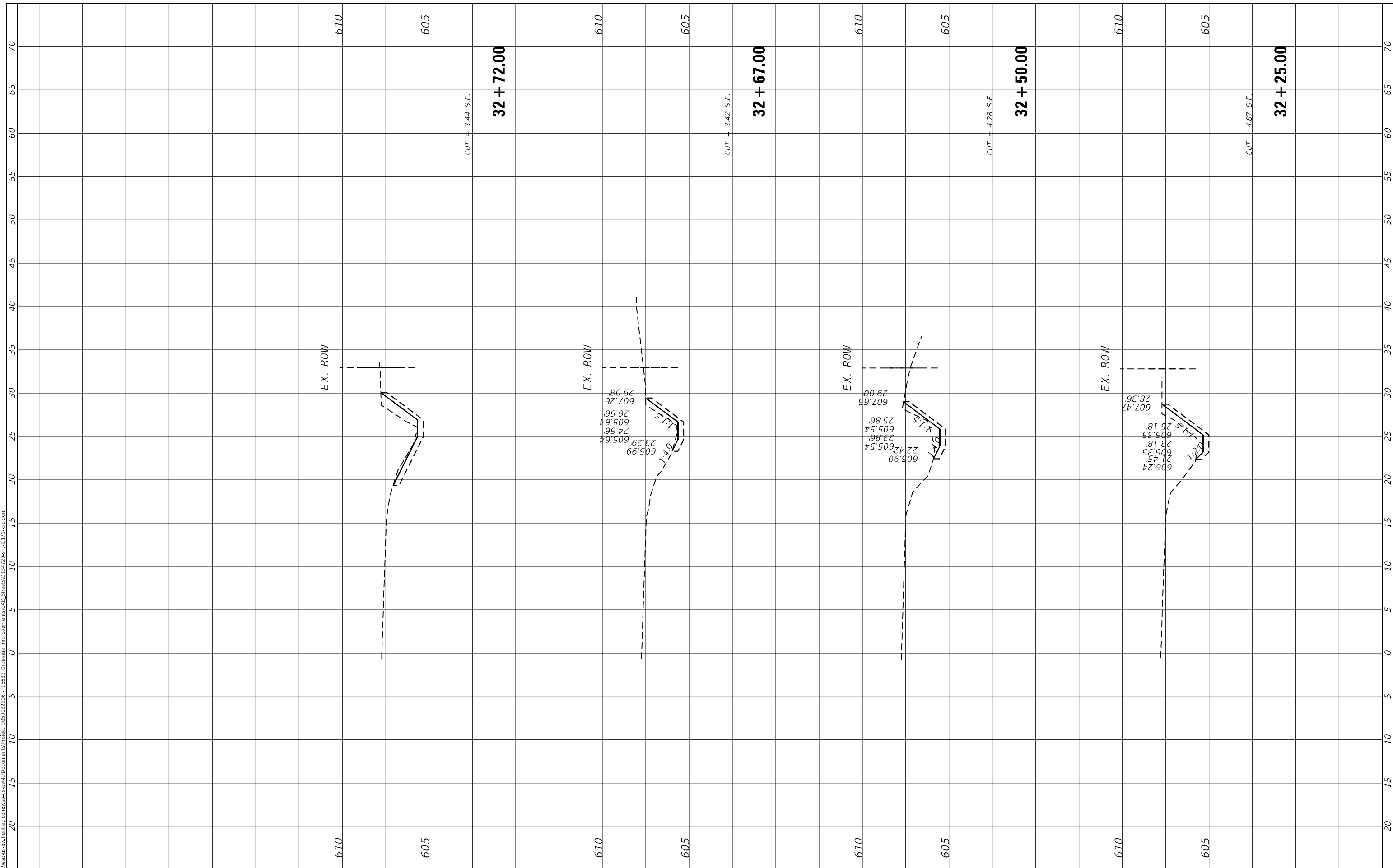
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	103
CONTRACT NO. 62V08				

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	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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CHECKED -	REVISIED -
DATE -	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

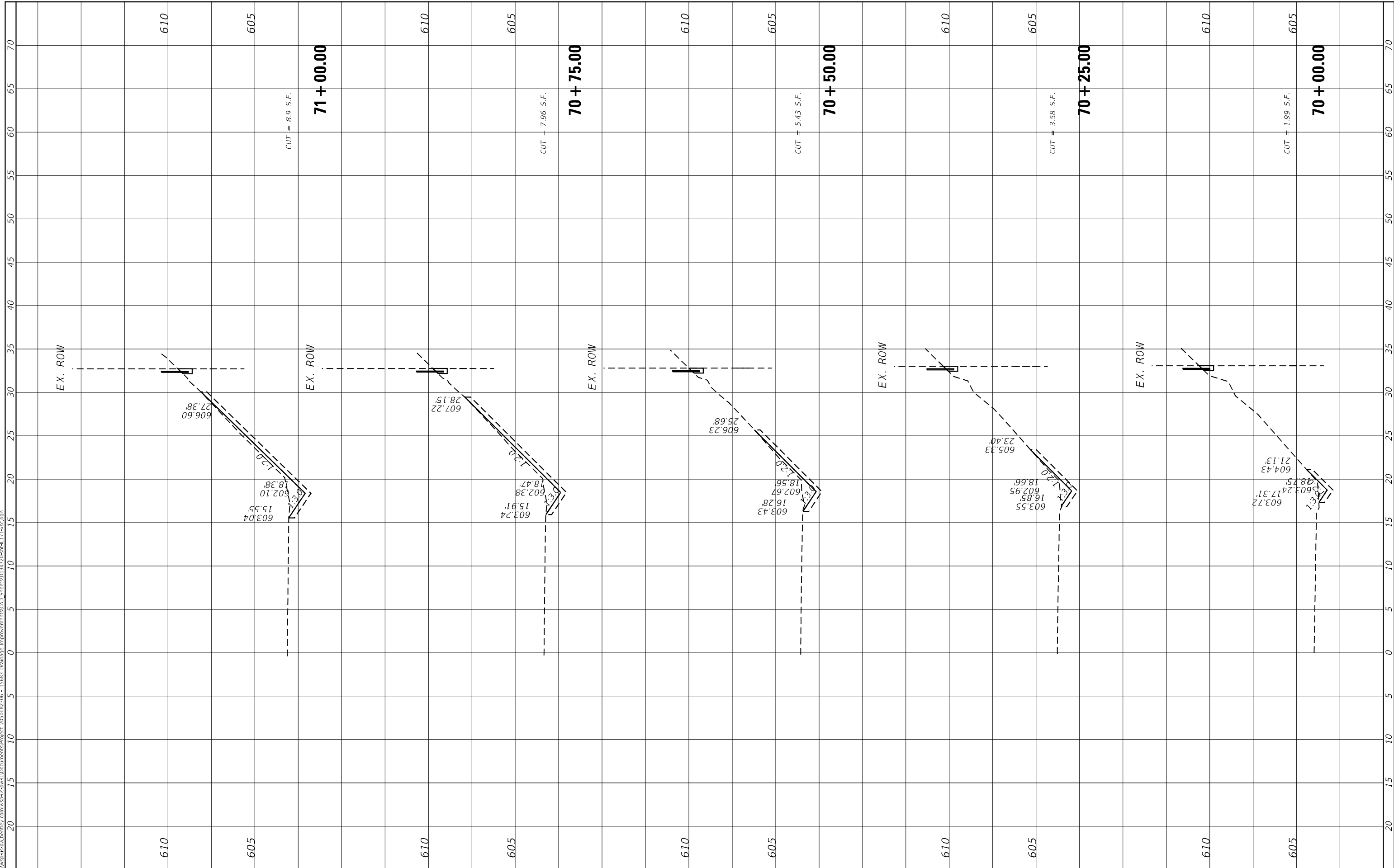
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 2 OF 2 SHEETS STA. 32+25.00 TO STA. 32+72.00

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.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

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PLOT DATE = 12/5/2025

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #8 IL RTE 171
CROSS SECTIONS

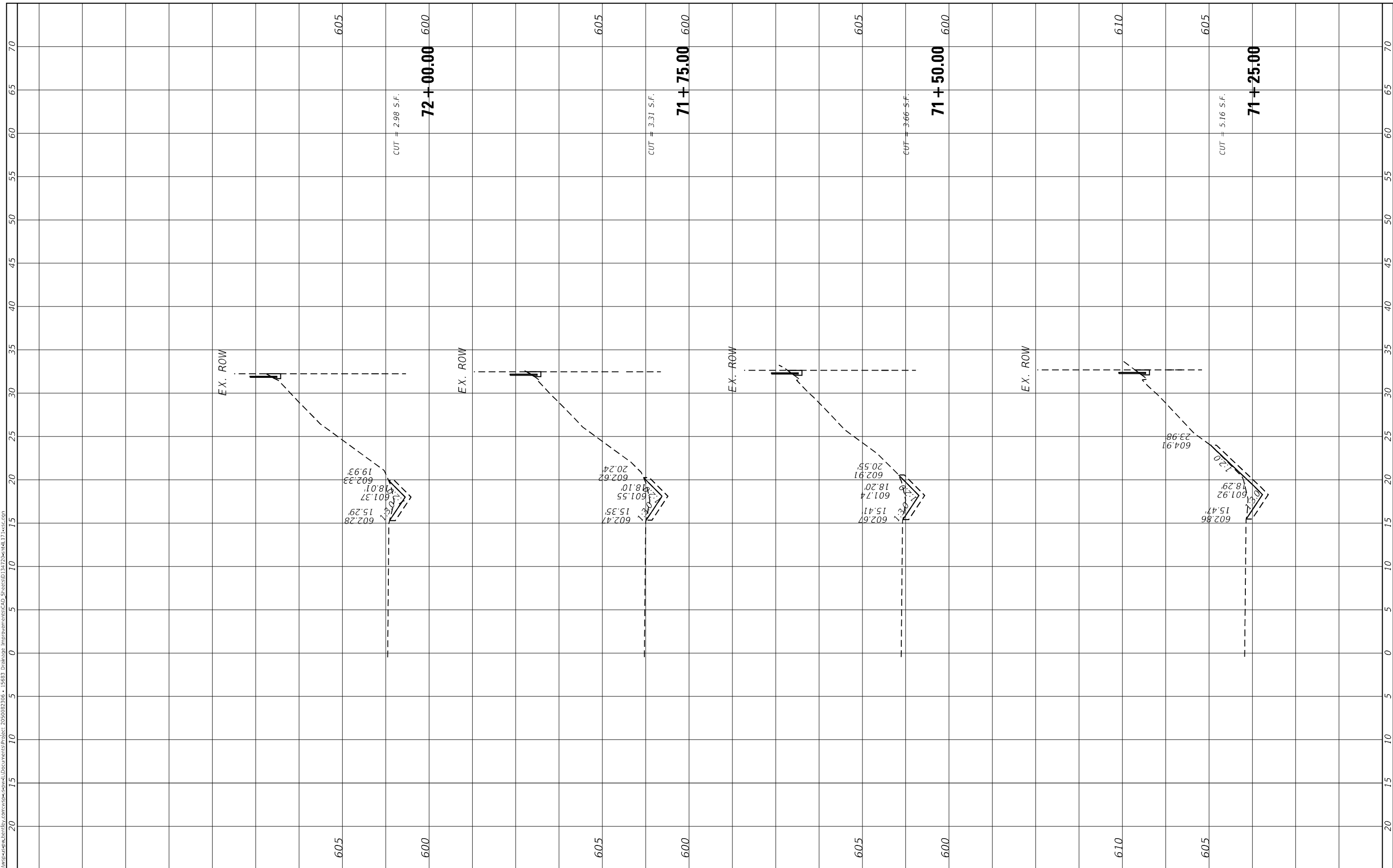
SCALE: H: 1"=10'
V: 1"=40'
SHEET 1 OF 8 SHEETS STA. 70+00.00 TO STA. 71+00.00

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 DATE = 12/5/2025

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

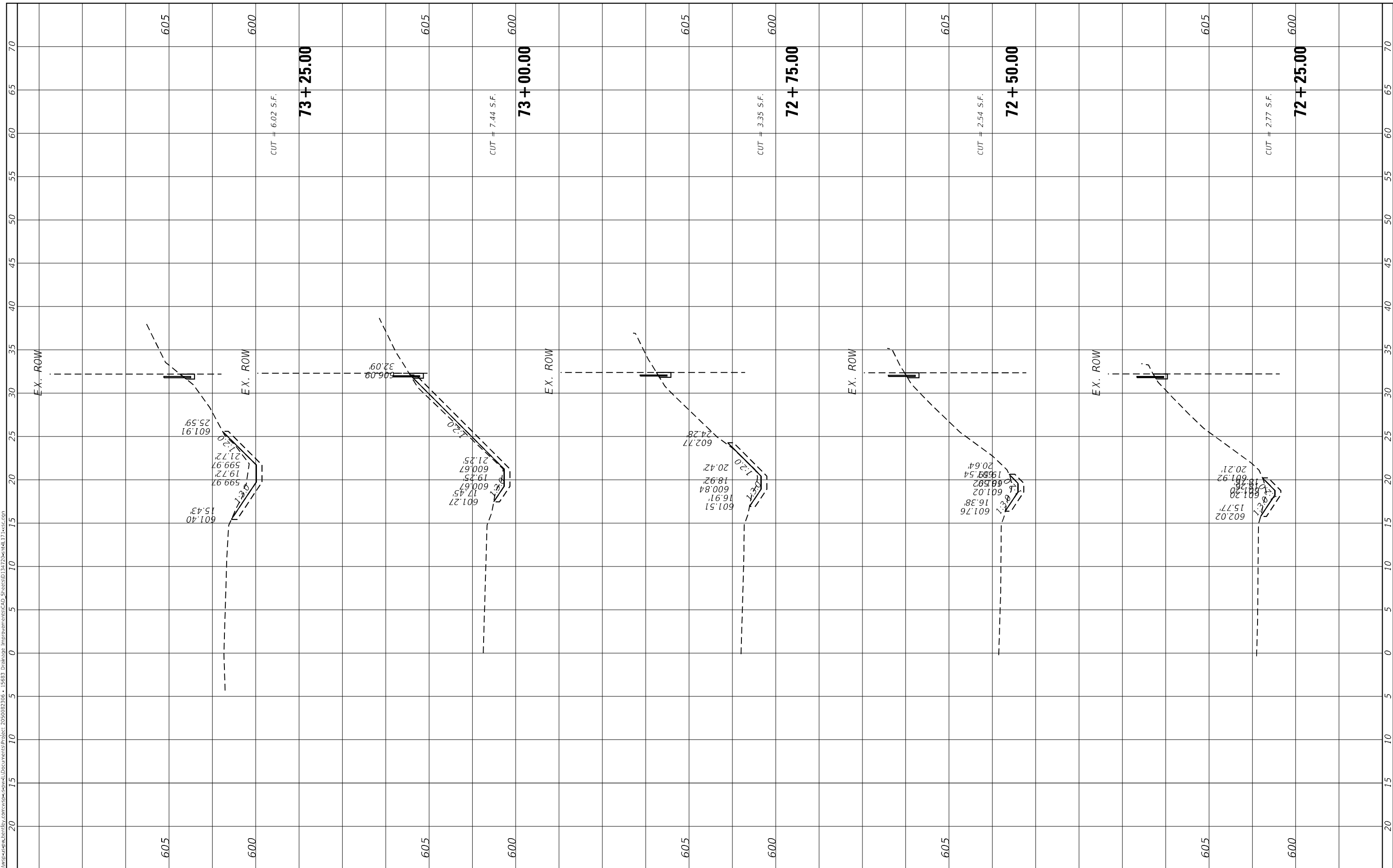
SCALE: H: 1"=40' V: 1"=5' SHEET 2 OF 8 SHEETS STA. 71+25.00 TO STA. 72+00.00

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

DESIGNED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

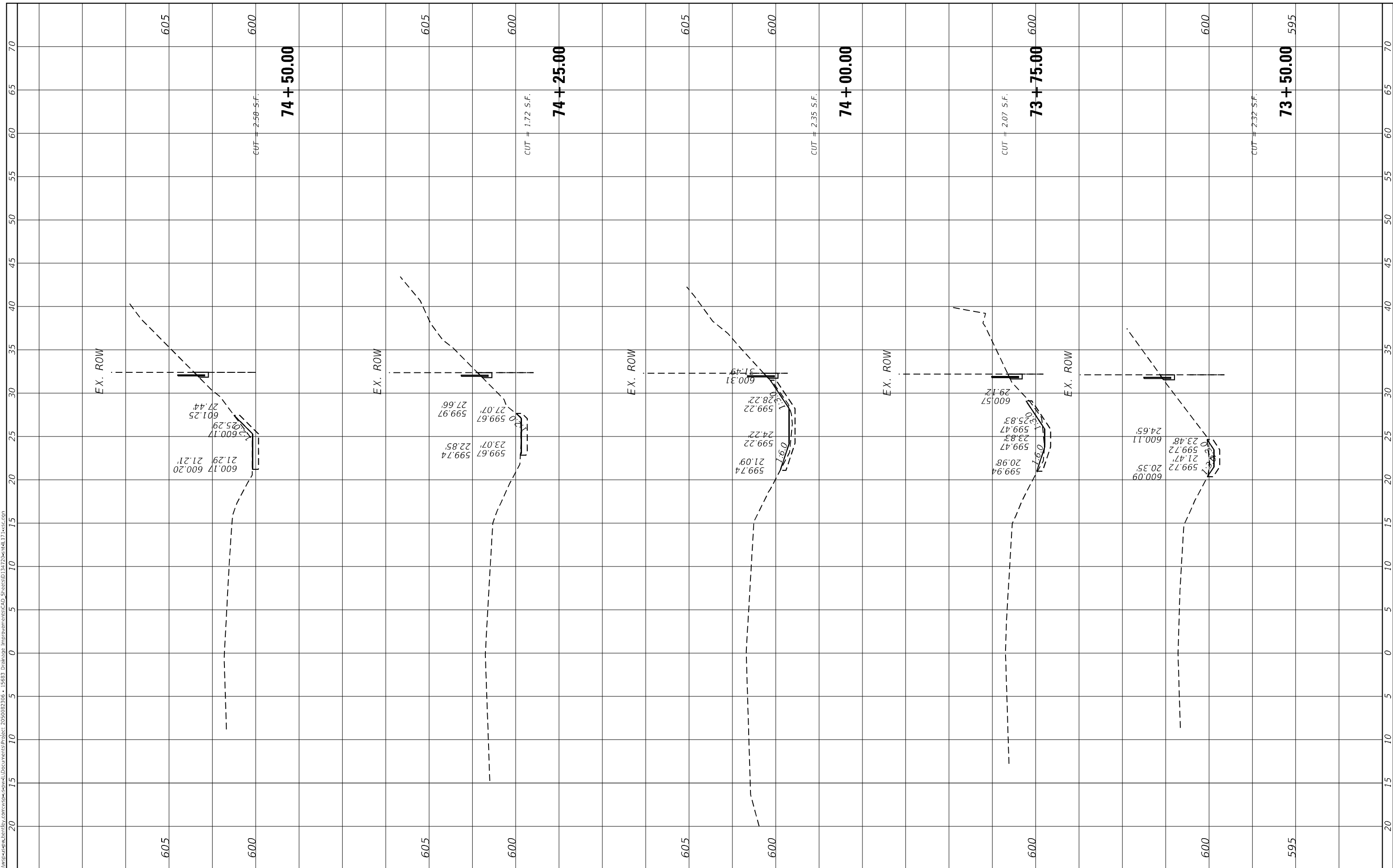
SCALE: H: 1"=10'
V: 1"=5'
SHEET 3 OF 8 SHEETS STA. 72+25.00 TO STA. 73+25.00

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
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

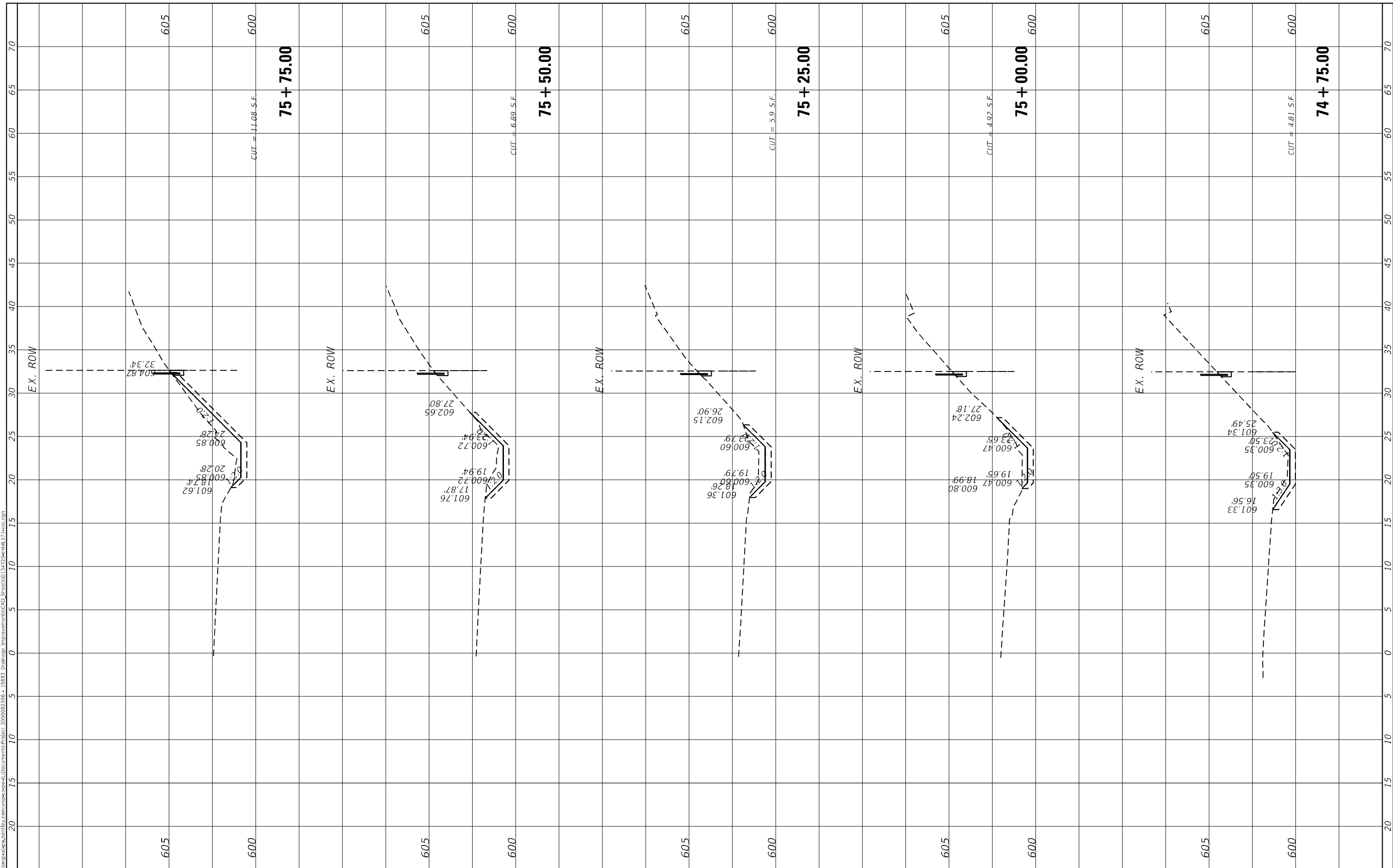
SCALE: $\frac{1"}{40'}$ SHEET 4 OF 8 SHEETS STA. 73+50.00 TO STA. 74+50.00

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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 PLOT DATE = 12/5/2025

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

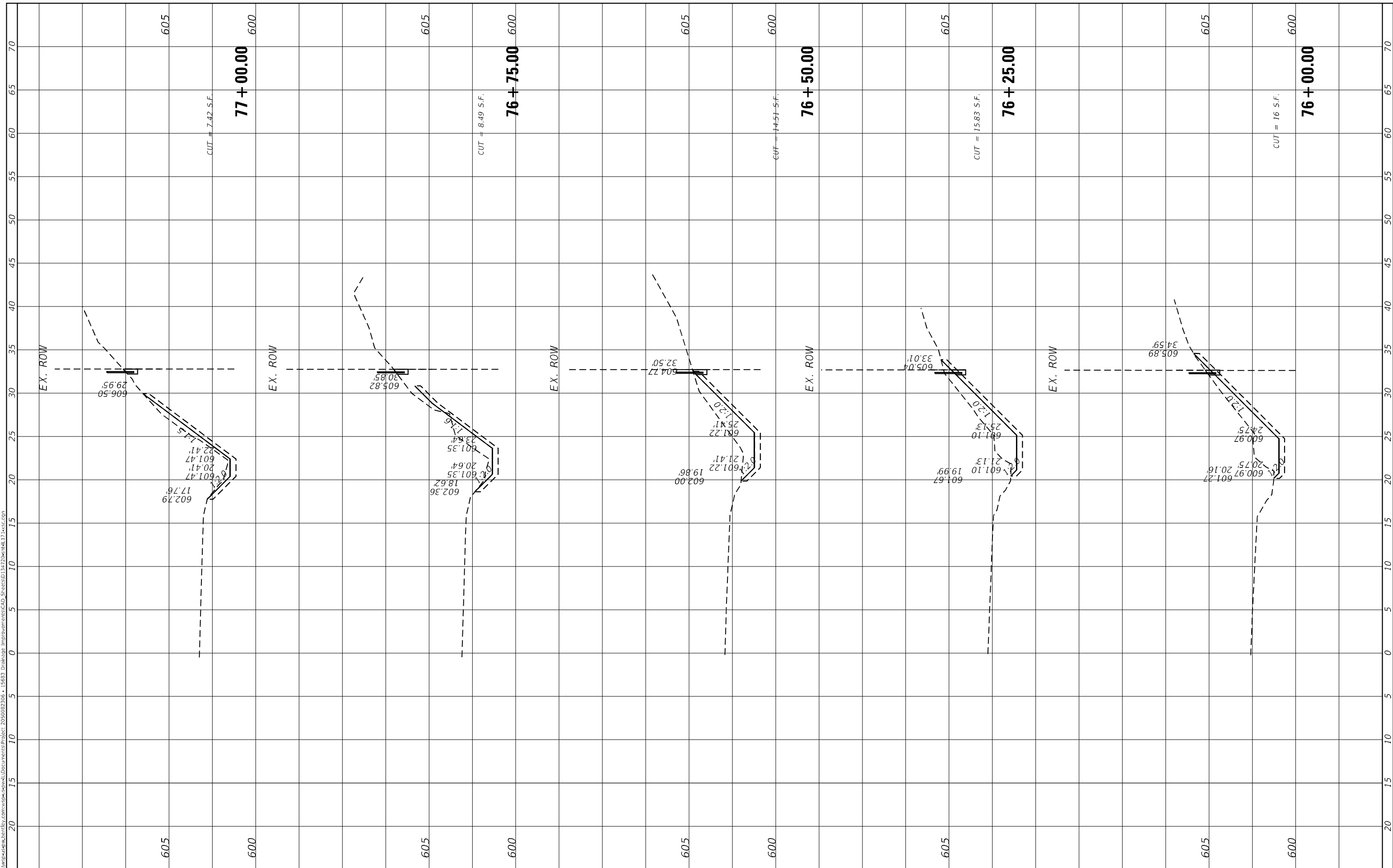
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 5 OF 8 SHEETS STA. 74+75.00 TO STA. 75+75.00

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	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SITES #8 IL RTE 171
CROSS SECTIONS

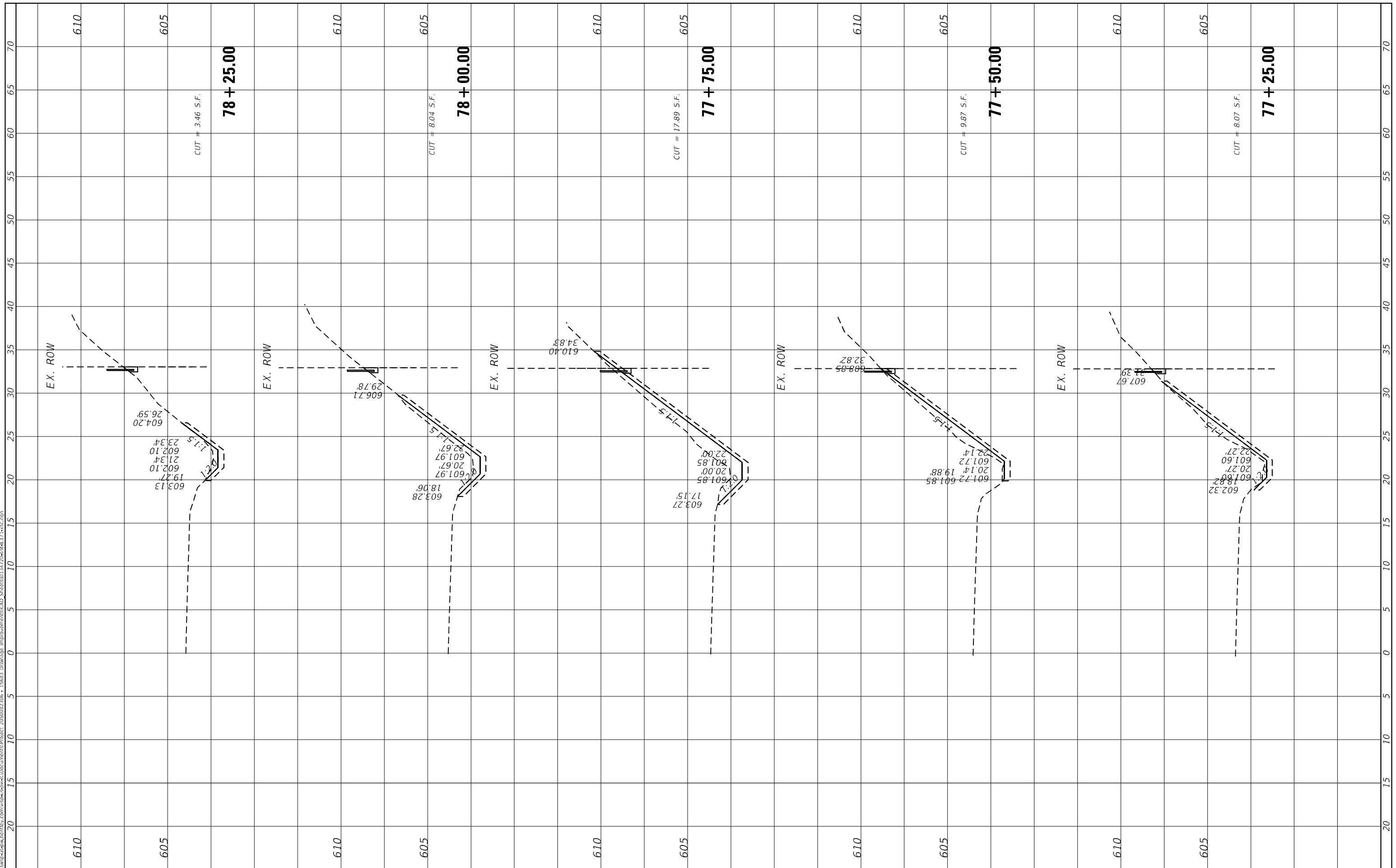
SCALE: H: 1"=10'
V: 1"=4'
SHEET 6 OF 8 SHEETS STA. 76+00.00 TO STA. 77+00.00

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.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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**

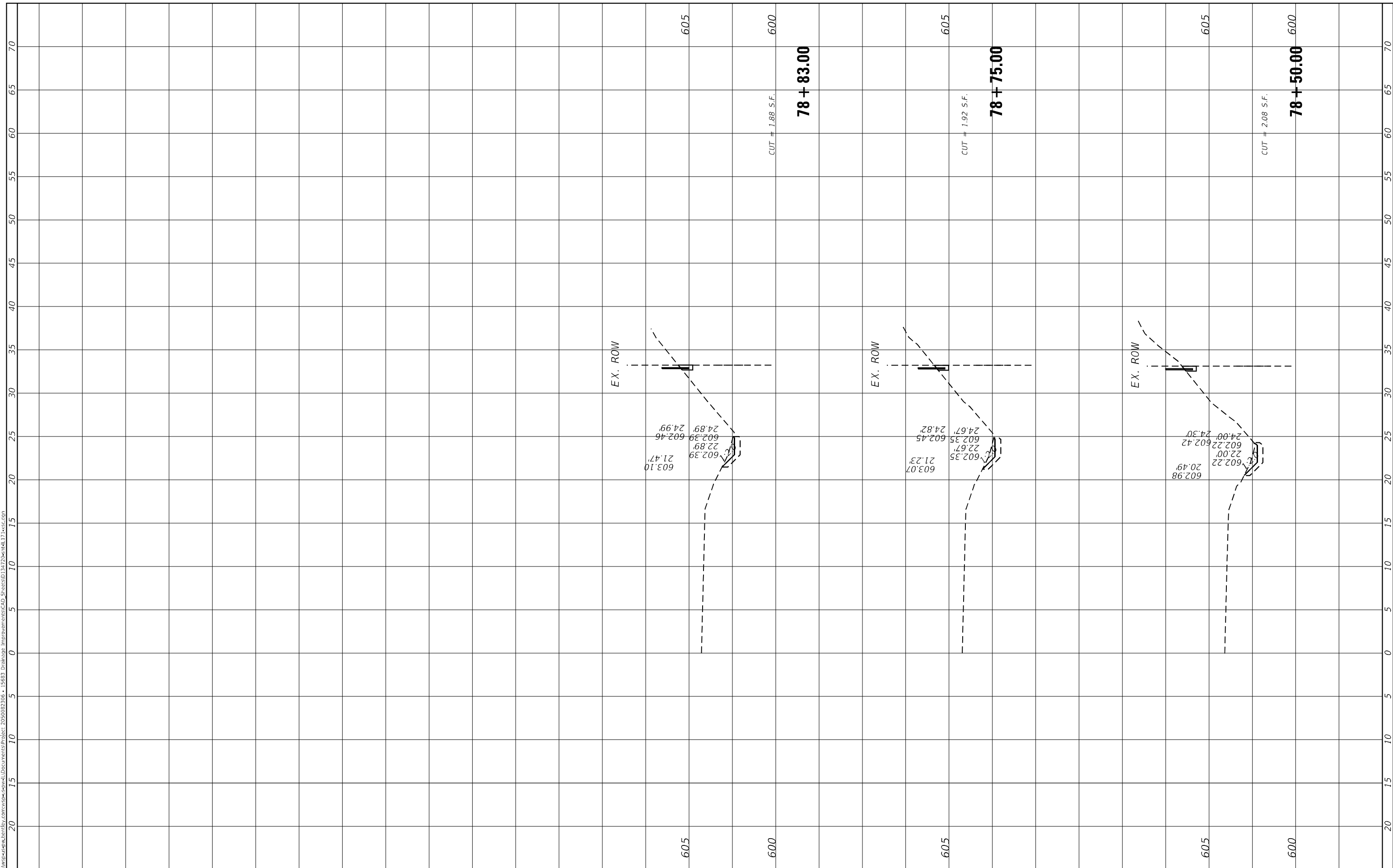
SCALE: H: 1"=10' V: 1"=4' SHEET 7 OF 8 SHEETS STA. 77+25.00 TO STA. 78+25.00

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	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SITES #8 IL RTE 171
 CROSS SECTIONS

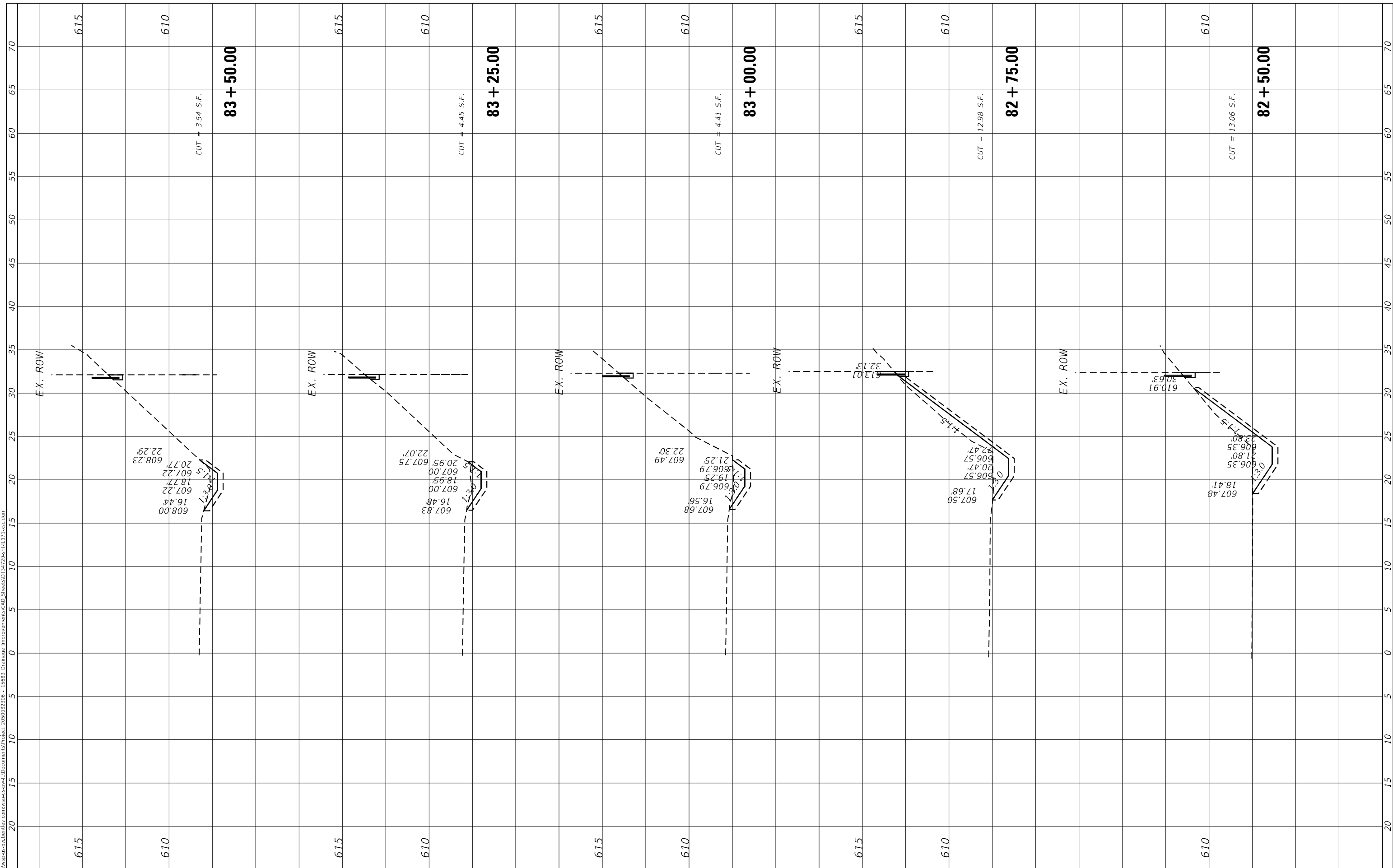
SCALE: H: 1"=10'
 V: 1"=4'
 SHEET 8 OF 8 SHEETS STA. 78+50.00 TO STA. 78+83.00

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		
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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**

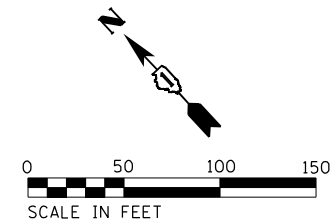
SCALE: H: 1"=10' V: 1"=40'
SHEET 3 OF 4 SHEETS
STA. 82+50.00 TO STA. 83+50.00

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

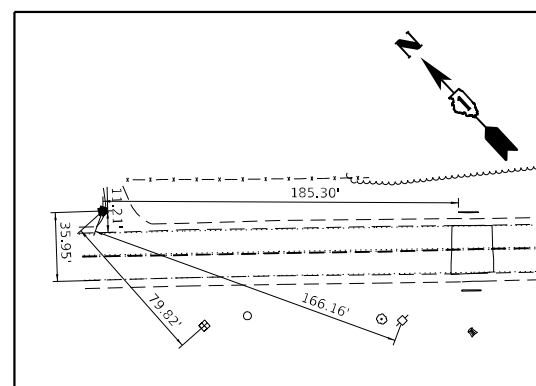
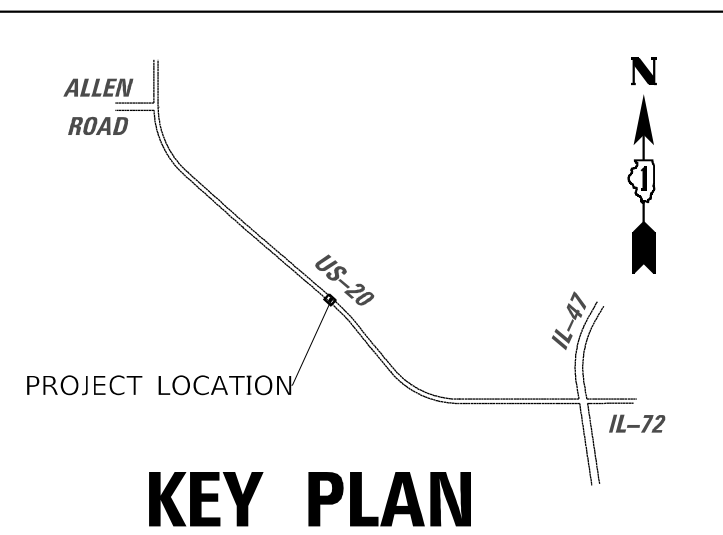
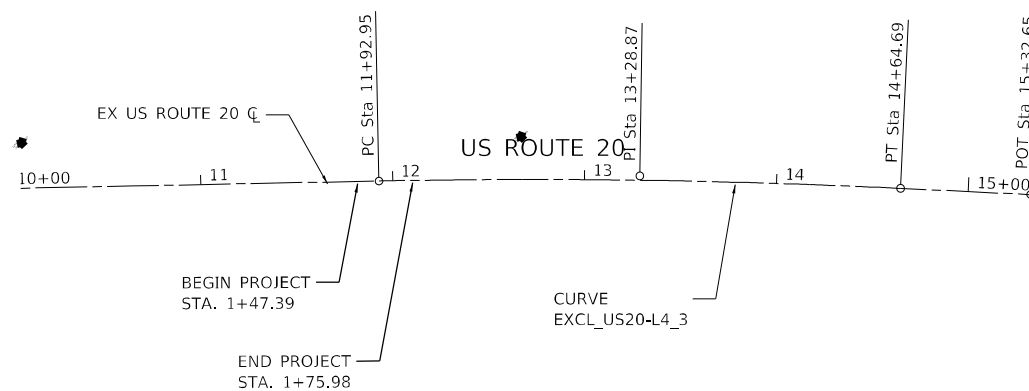
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 VAR DRAINAGE	VARIOUS	136	115
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

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

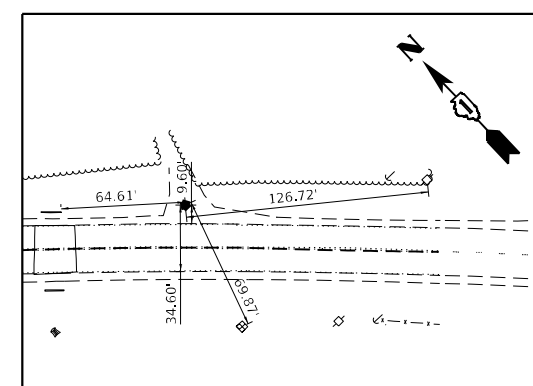
ALIGNMENT COORDINATES			
US ROUTE 20			
STATION	N	E	
POB 0+00.00	1976547.8957	946665.5729	
PC 1+49.78	1976458.8149	946783.5777	
PT 4+71.56	1976224.2567	947008.3967	
POT 4+98.10	1976205.2388	947026.9034	



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

MODEL: Default
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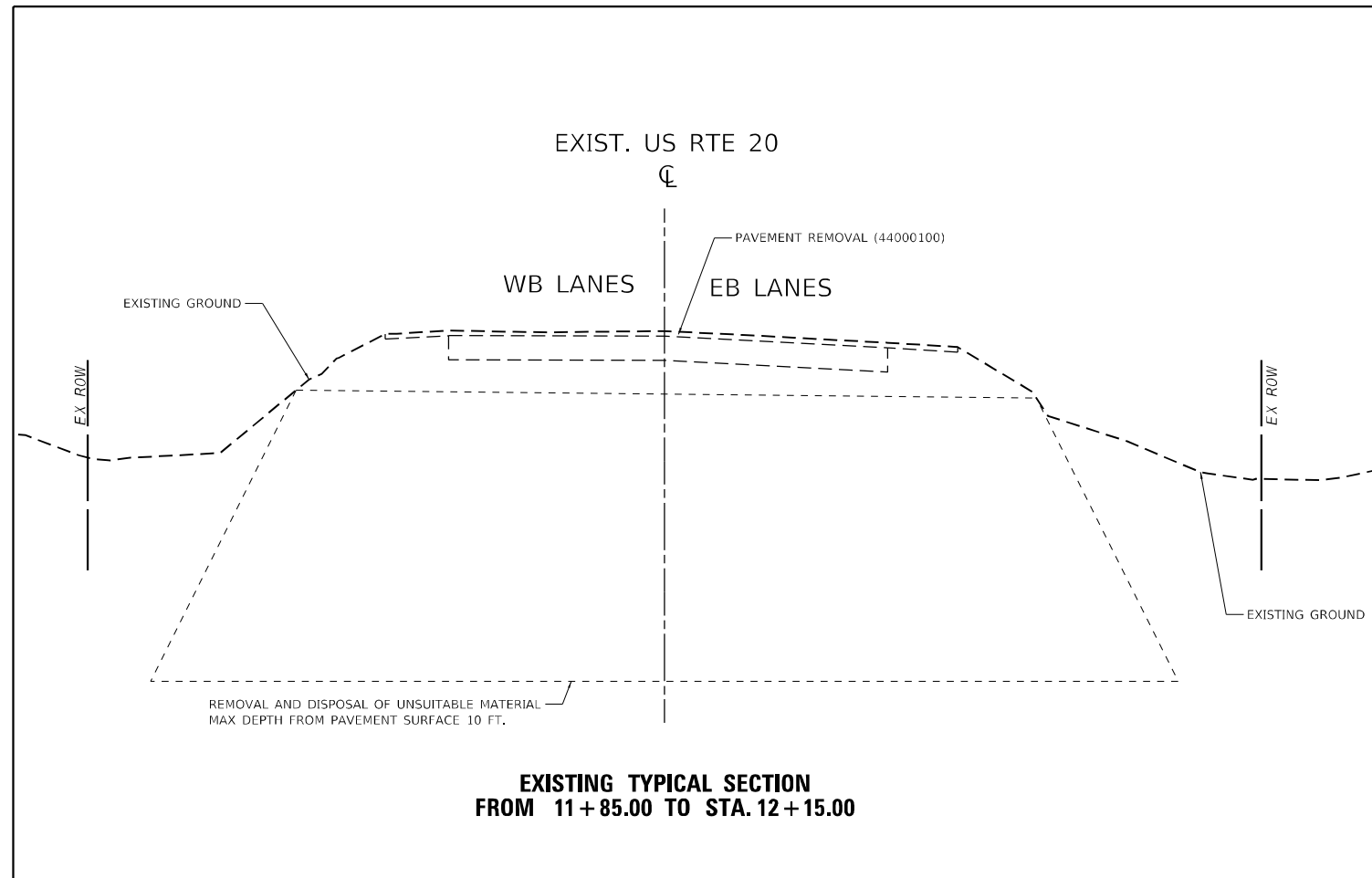
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	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

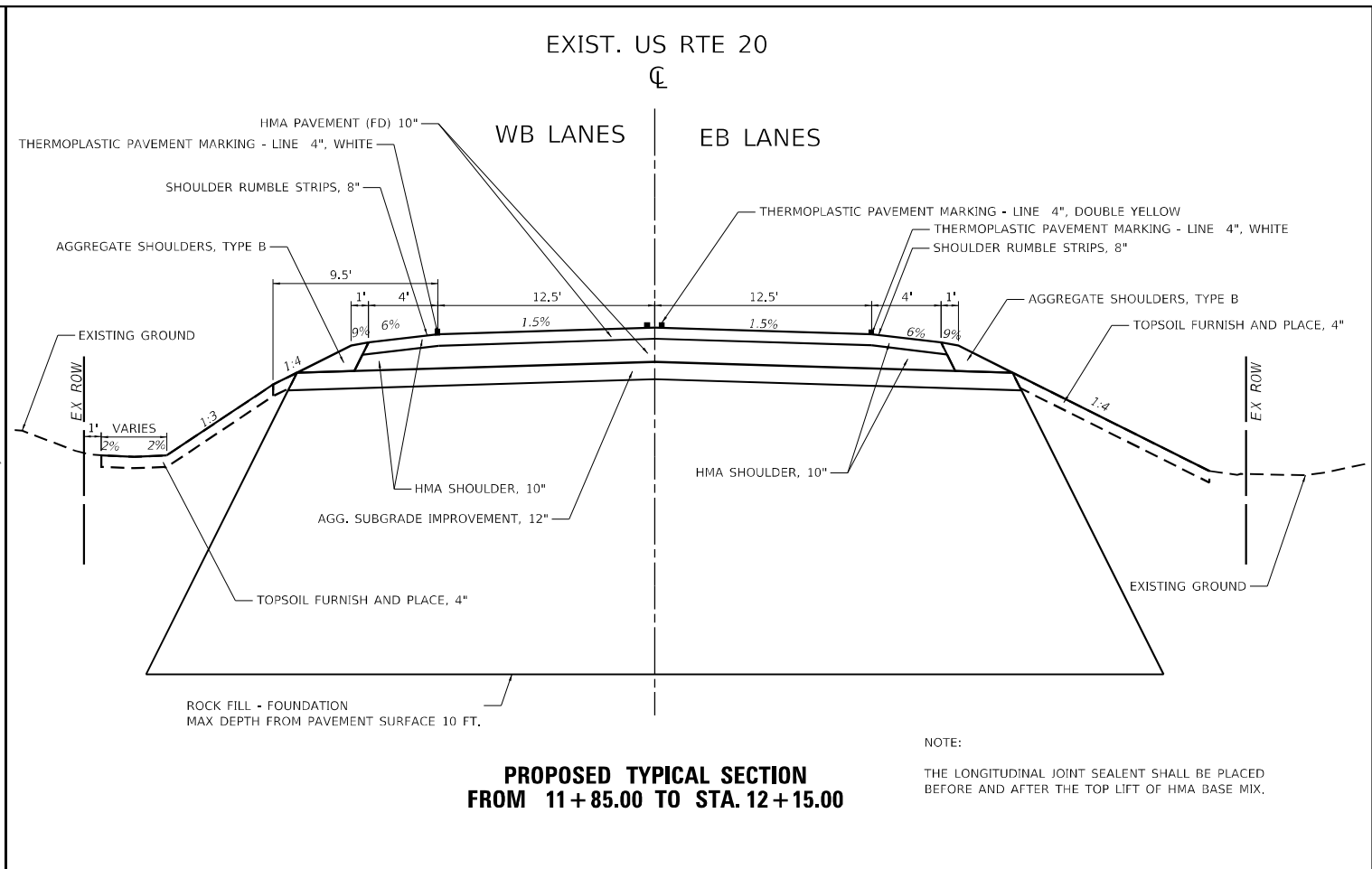
US ROUTE 20 WEST OF IL 47
 ALIGNMENT, TIES, & BENCHMARKS

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 0+00.00 TO STA. 4+98.10

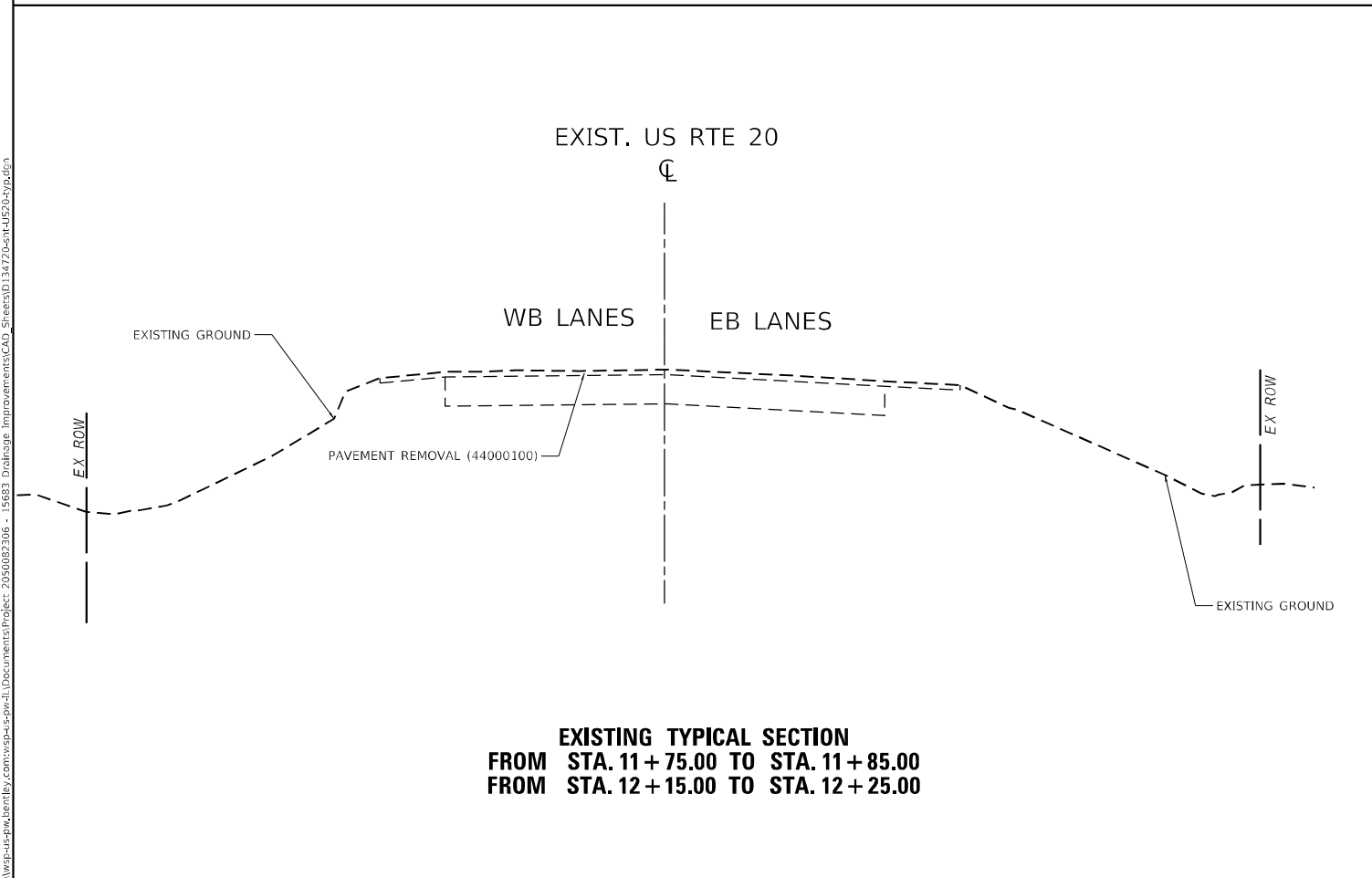
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	117
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				



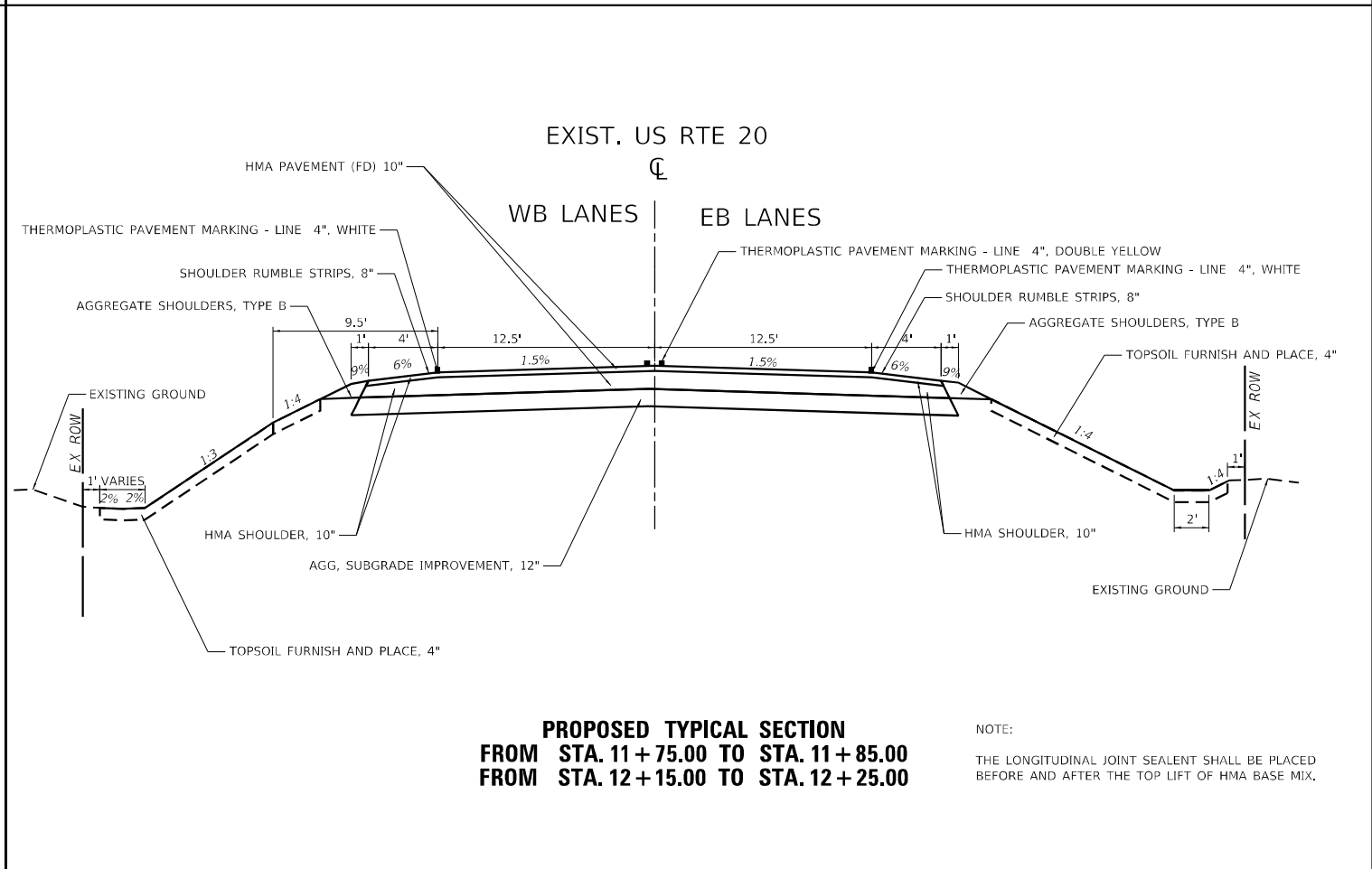
**EXISTING TYPICAL SECTION
FROM 11+85.00 TO STA. 12+15.00**



**PROPOSED TYPICAL SECTION
FROM 11+85.00 TO STA. 12+15.00**



**EXISTING TYPICAL SECTION
FROM STA. 11+75.00 TO STA. 11+85.00
FROM STA. 12+15.00 TO STA. 12+25.00**



**PROPOSED TYPICAL SECTION
FROM STA. 11+75.00 TO STA. 11+85.00
FROM STA. 12+15.00 TO STA. 12+25.00**

MODEL: Default
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DRAWN - MM	REVISIONS -	
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PLOT DATE = 5/4/2026	DATE - 12/10/2025	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 20 WEST OF IL 47
EXISTING AND PROPOSED TYPICAL SECTIONS**

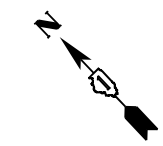
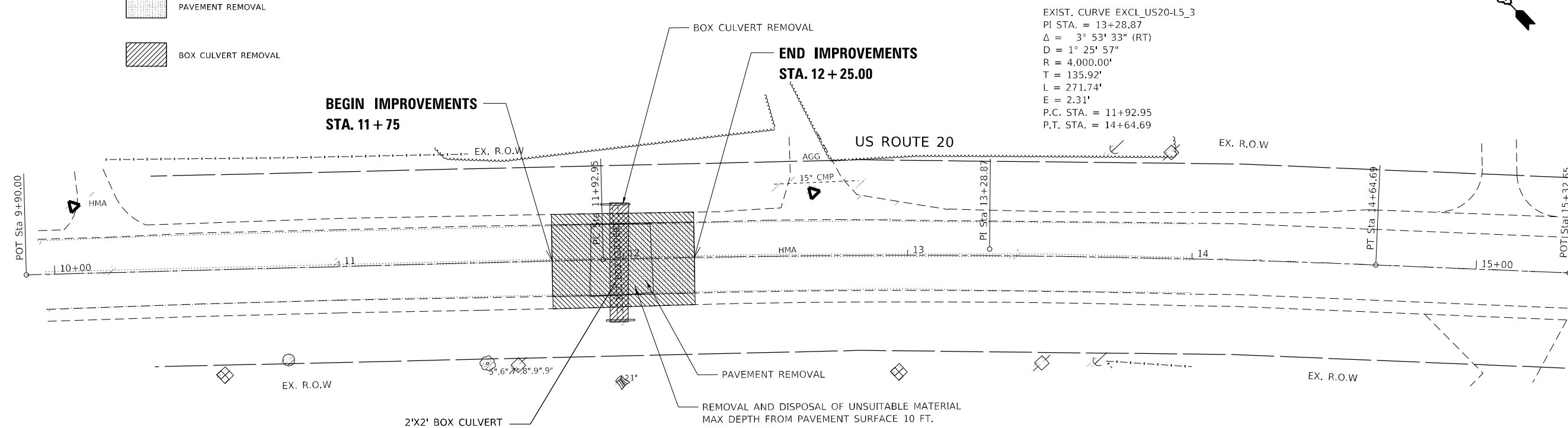
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	135	118
			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

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

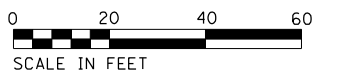
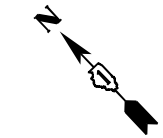
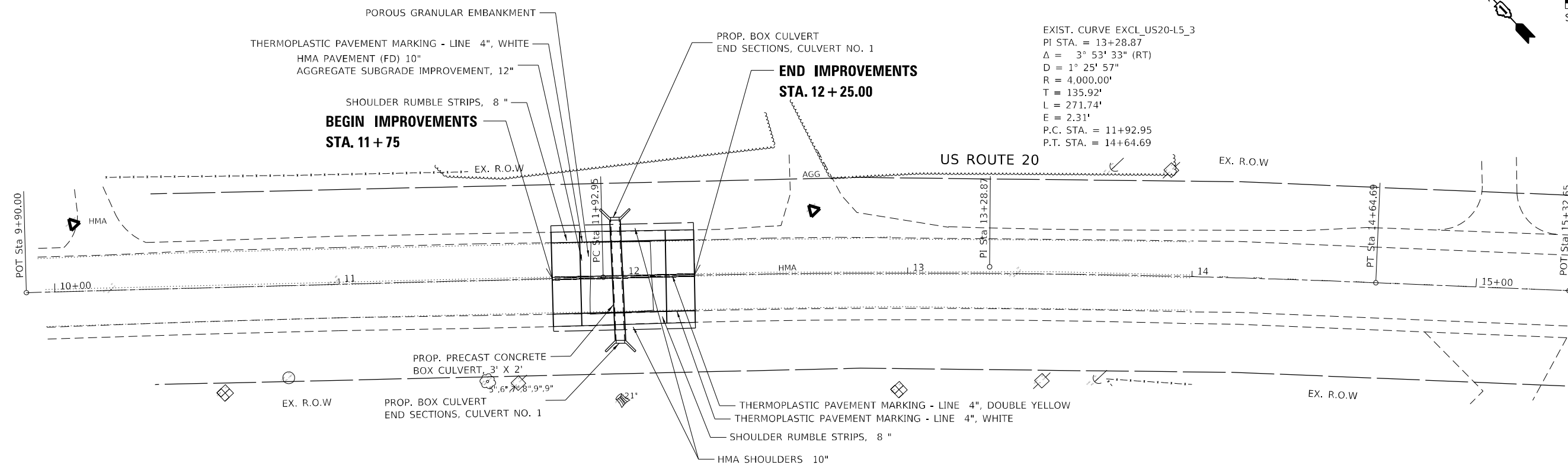
LEGEND

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

EXIST. & REMOVAL PLAN



PROPOSED PLAN



MODEL: D:\p\wsp\us20\us20.dwg
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 PROJECT: 20500823206 - 15683 Drainage Improvements\CAD Sheets\134720.dwg



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

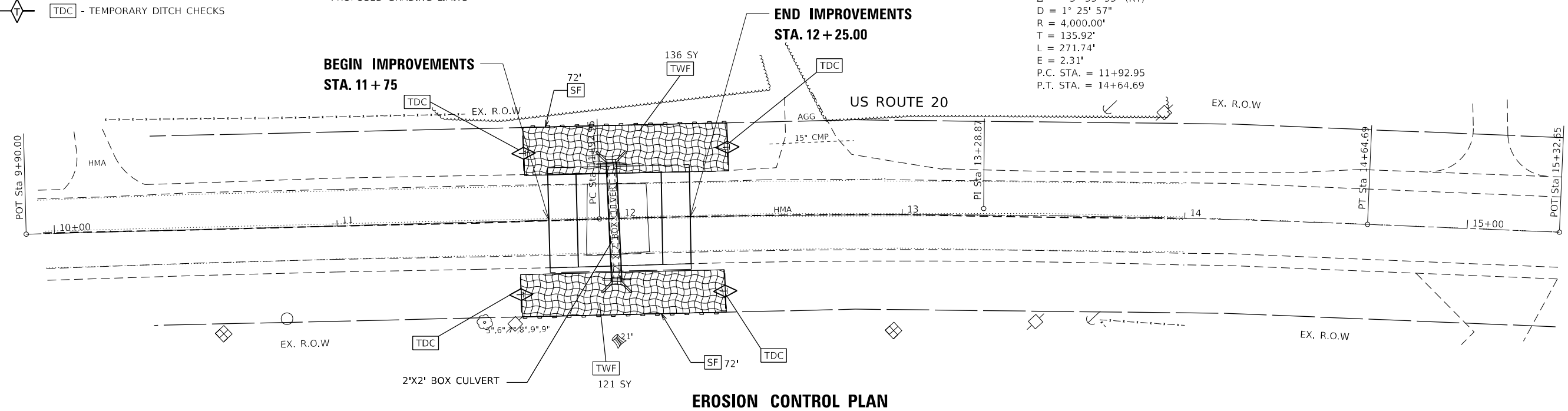
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	119
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LEGEND

- SF - PERIMETER EROSION BARRIER
- IF - INLET FILTERS
- IPP - INLET AND PIPE PROTECTION
- TDC - TEMPORARY DITCH CHECKS
- ADC - AGGREGATE DITCH CHECKS
- TWF - TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- PROPOSED GRADING LIMITS



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



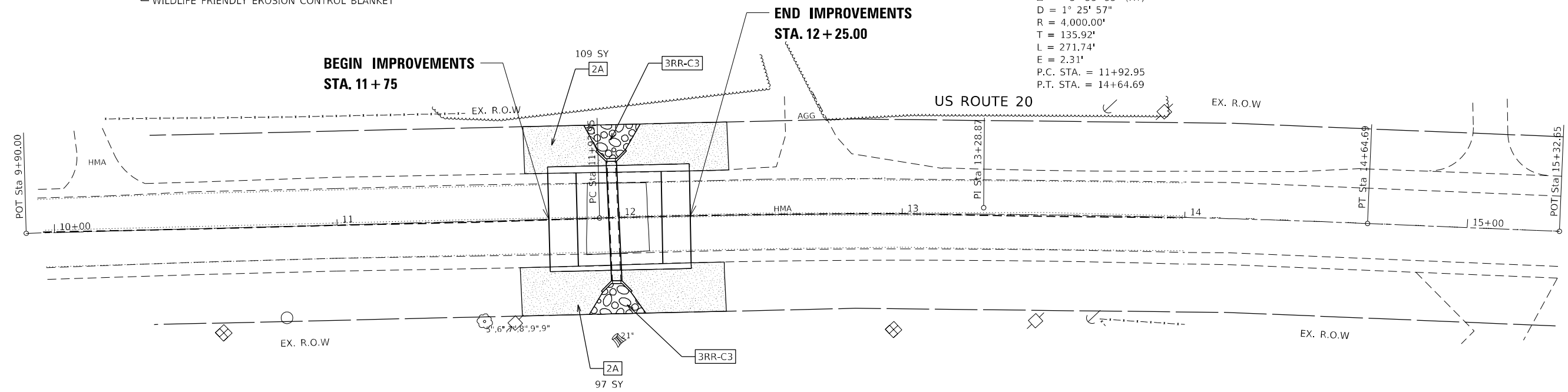
EROSION CONTROL PLAN

LANDSCAPING LEGEND

- 2A - TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- 3 - TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 3 WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- 3RR-C3 - STONE RIPRAP, CLASS A3
- 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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**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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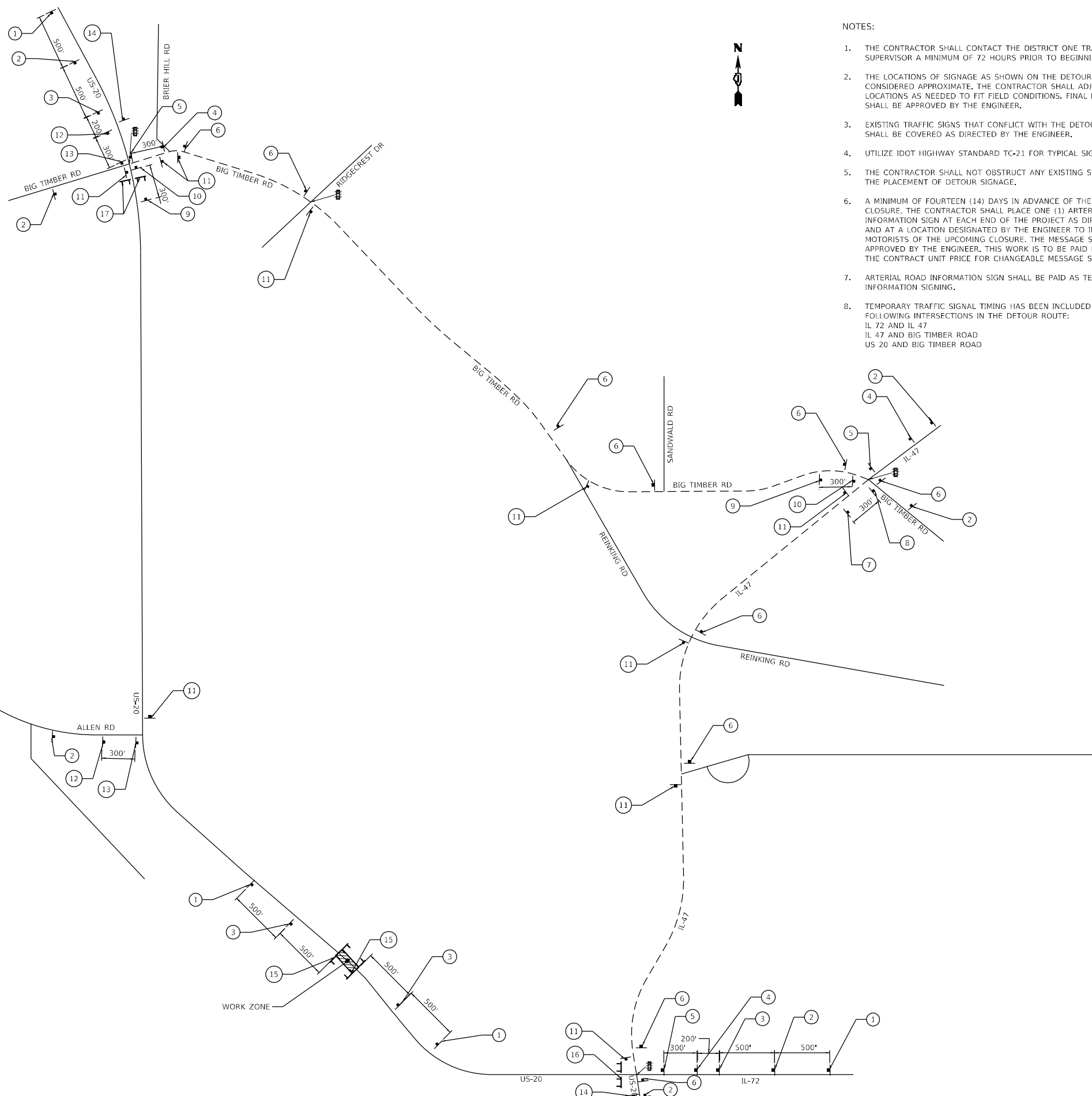
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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
		M3-4-2412			M4-8-2412
		M1-40-2424			M3-2-2412
		M5-1R-2115			M1-40-2424
⑤		M4-8-2412	⑭		M5-1L-2115
		M3-4-2412			M4-8-2412
		M1-40-2424			M3-2-2412
		M6-1R-2115			M1-40-2424
⑥		M4-8-2412	⑮		M6-1L-2115
		M3-4-2412			M4-8-2412
		M1-40-2424			M3-2-2412
		M6-3-2115			M1-40-2424
⑦		M4-8-2412	⑯		M4-10R-4818
		M3-4-2412			M4-8-2412
		M1-40-2424			M3-2-2412
		M5-1L-2115			M1-40-2424
⑧		M4-8-2412	⑰		M4-10L-4818
		M3-4-2412			M4-8-2412
		M1-40-2424			M3-2-2412
		M6-1L-2115			M1-40-2424
⑨		M4-8-2412	⑱		M4-10R-4818
		M3-2-2412			M4-8-2412
		M1-40-2424			M3-2-2412
		M5-1R-2115			M1-40-2424

LEGEND

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

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 PROJECT: 2050082306 - 15683 Drainage ImprovementsCAD_Sheets\134720.dwg
 USER: JUS2\jbenet@isp.com



USER NAME = USKE715271	DESIGNED - MM	REVISED -
PLOT SCALE = 150,0000' / in.	DRAWN - MM	REVISED -
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. 345	SECTION 2023 VAR DRAINAGE	COUNTY KANE	TOTAL SHEETS 136	SHEET NO. 122
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

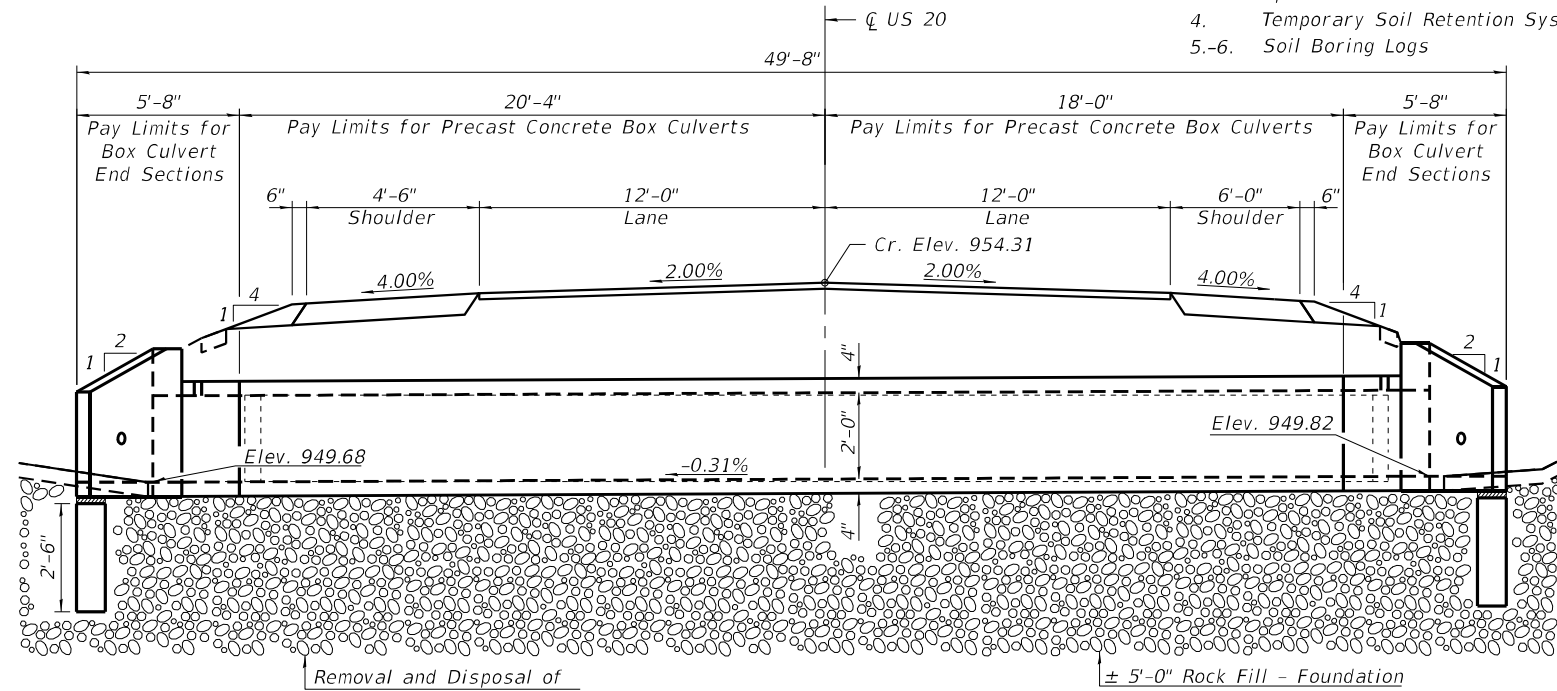
Existing Structure: Sta. 1+63.56, 2'x2' reinforced concrete box culvert, 41'-0" in length.
The existing structure will be completely removed and replaced.
No Slavage.

INDEX OF SHEETS

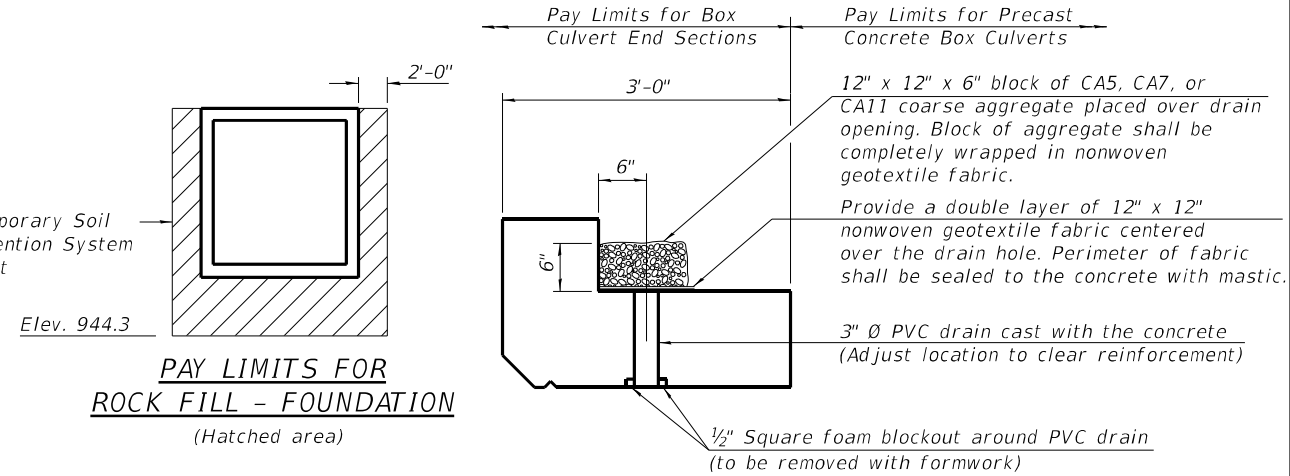
1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert
Apron End Section Details
4. Temporary Soil Retention System
- 5.-6. Soil Boring Logs

GENERAL NOTES

The design II 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 Specifications.
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 back filled with Rock Fill - Foundation 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 - Foundation is included in the Rock Fill - Foundation 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



PAY LIMITS FOR ROCK FILL - FOUNDATION
(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

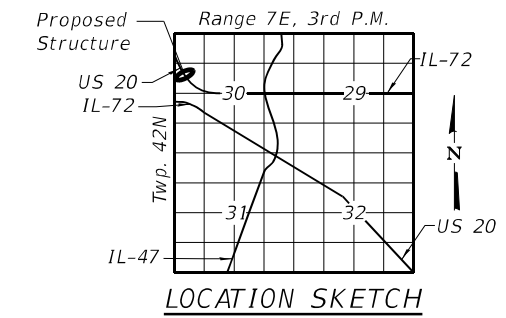
DESIGN STRESSES

PRECAST UNITS

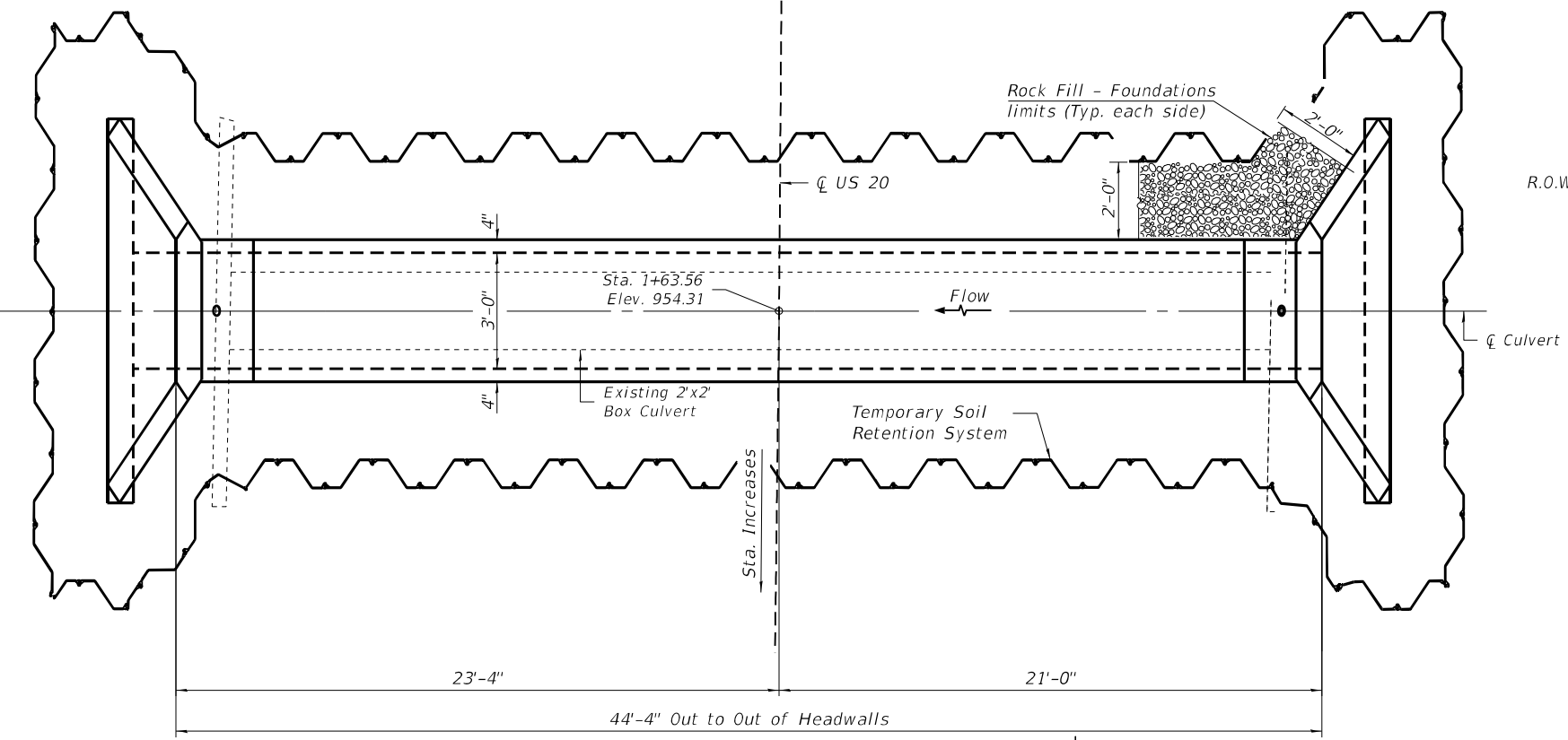
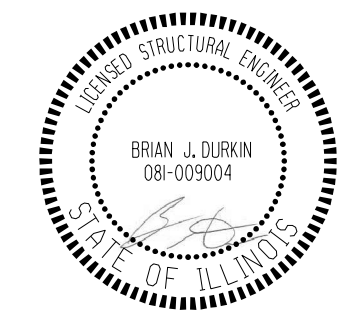
$f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

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 - Foundation	Cu. Yd.	104



LOCATION SKETCH



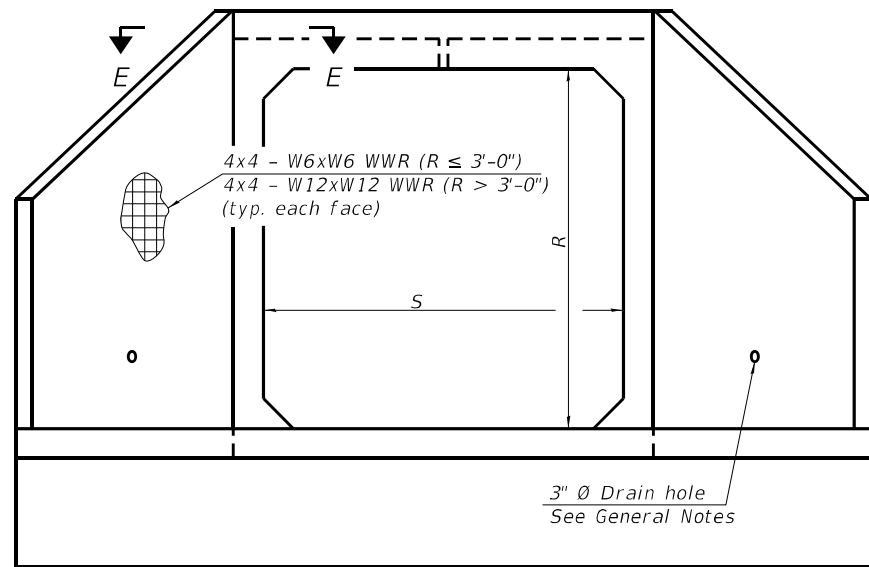
PLAN

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

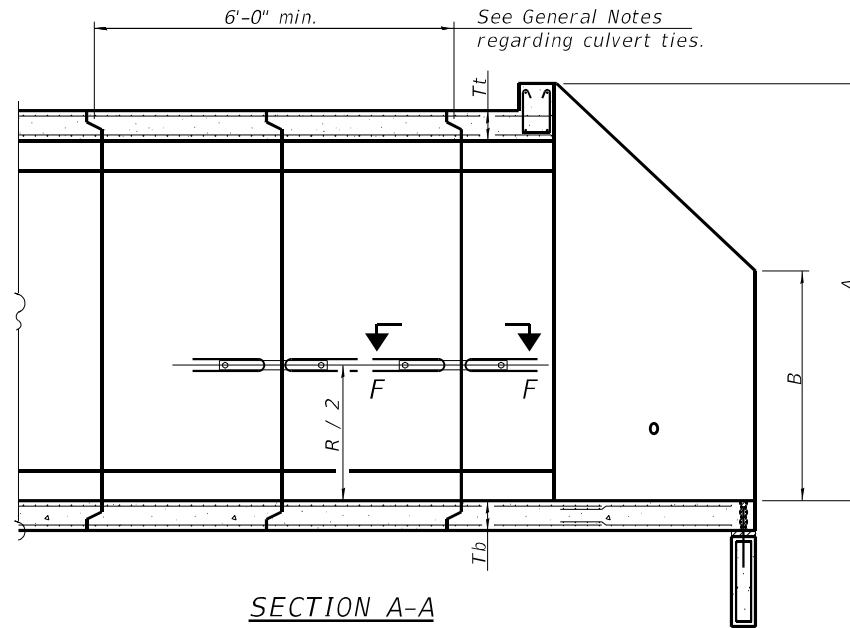
SCB-GPE 5-15-2023

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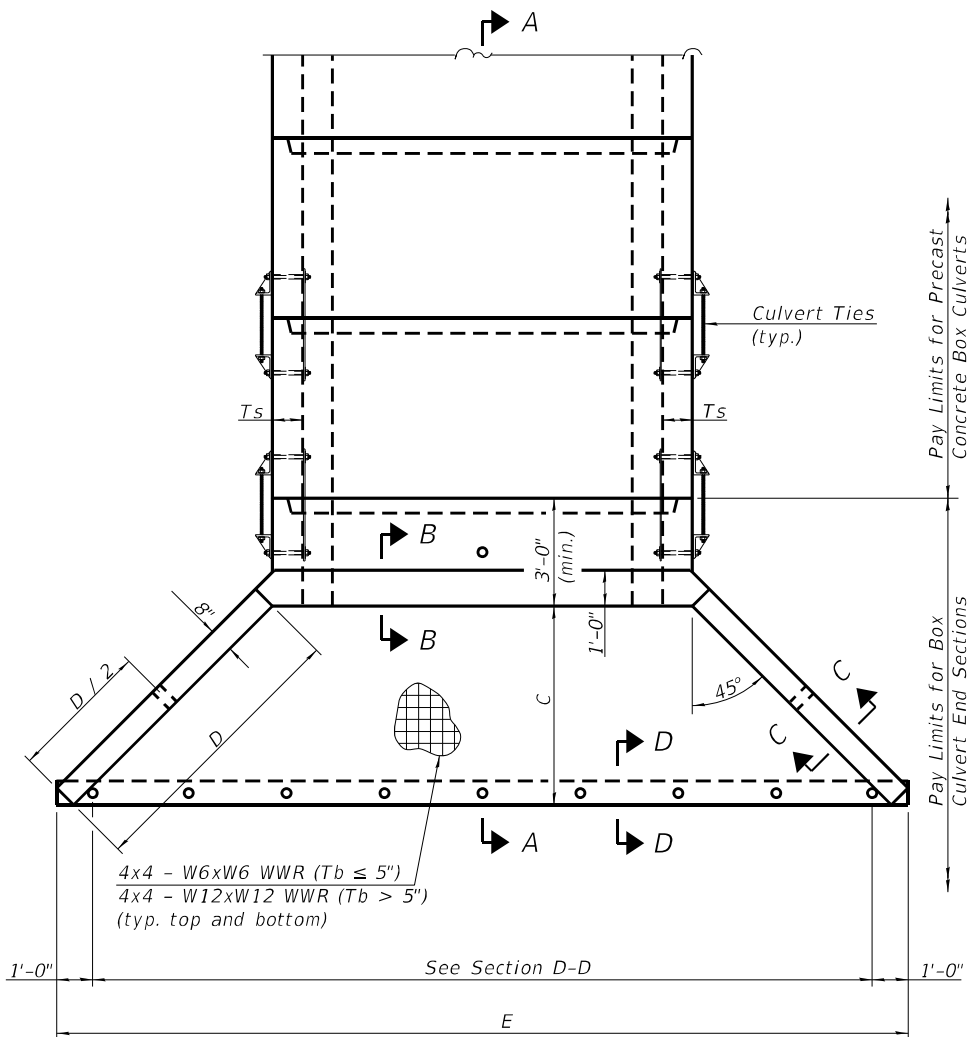
END VIEW



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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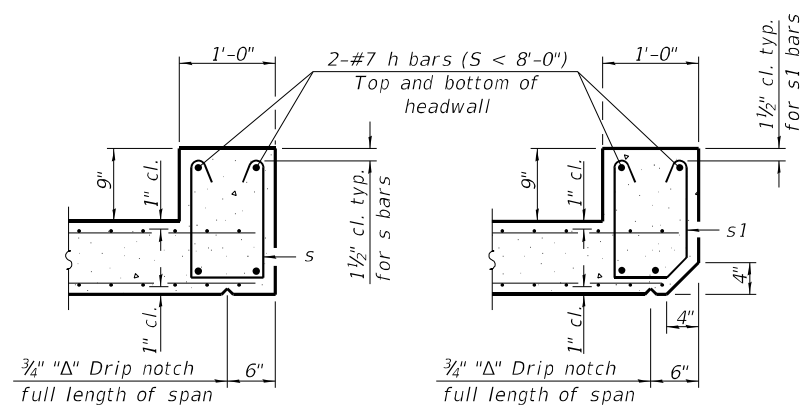
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRECAST CONCRETE BOX CULVERT APRON
END SECTION DETAILS**

SHEET 2 OF 6 SHEETS

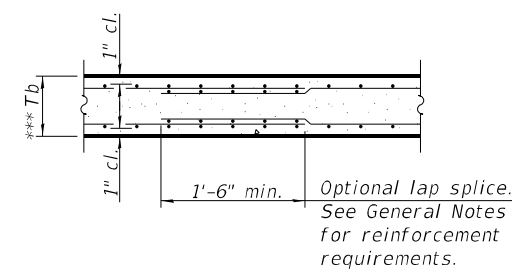
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345	2023 VAR DRAINAGE	KANE	136	124
CONTRACT NO. 62V08				

ILLINOIS FED. AID PROJECT



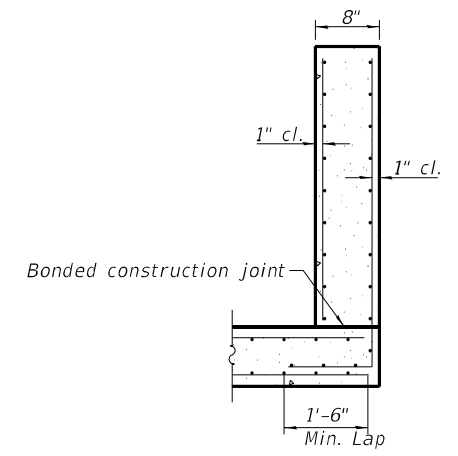
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

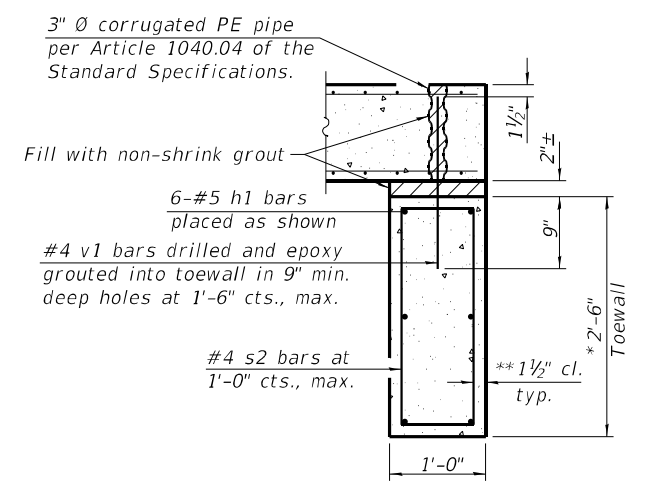


SECTION B-B
(Bottom Slab)

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



SECTION C-C



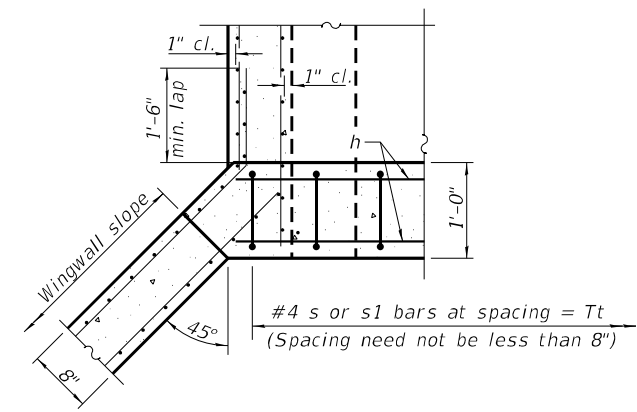
SECTION D-D

TOEWALL CONSTRUCTION SEQUENCE

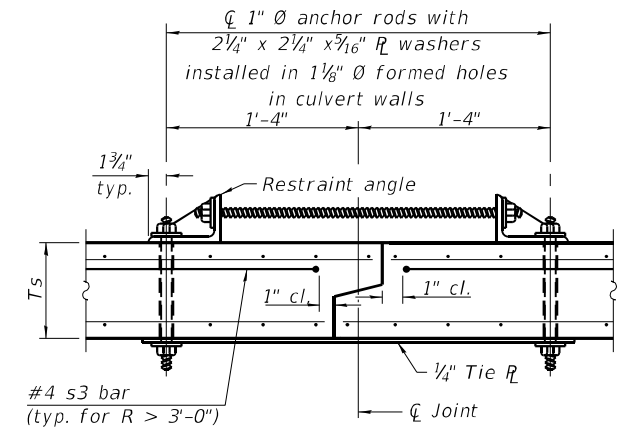
1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids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



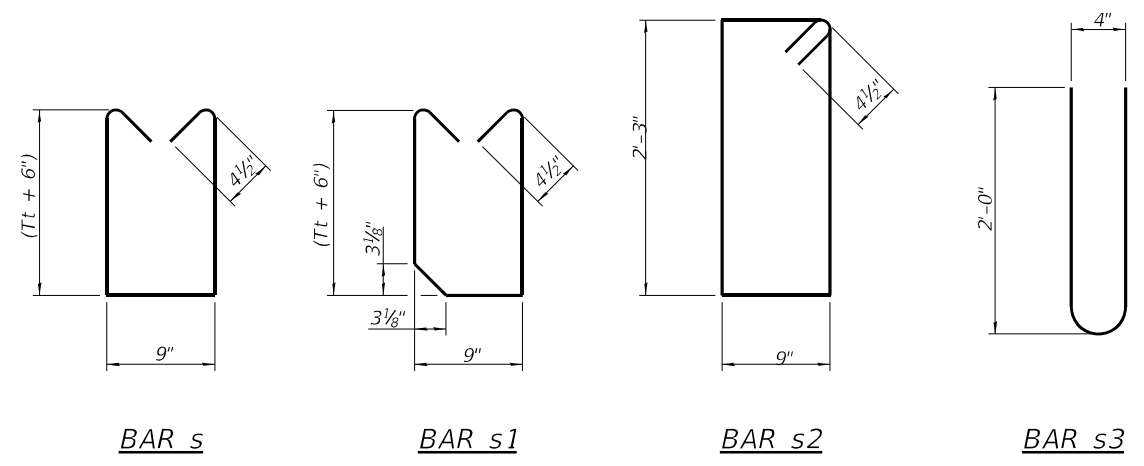
SECTION E-E



SECTION F-F
(Showing culvert tie details)

Notes:

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

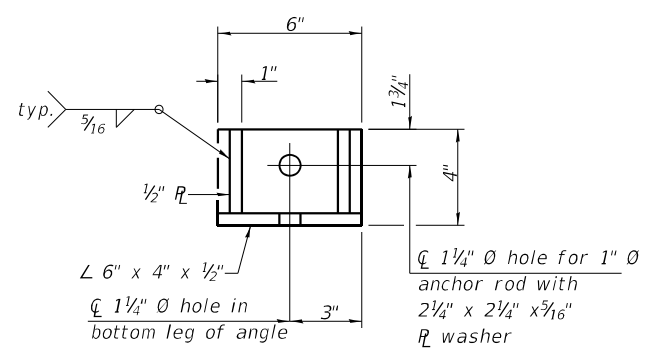


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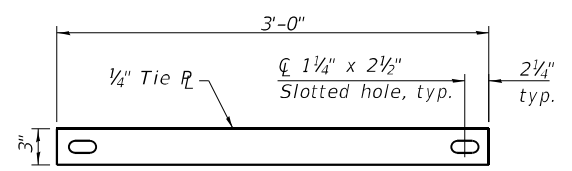
BAR s1

BAR s2

BAR s3



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL

SCB-AES

5-15-2023

(Sheet 2 of 2)

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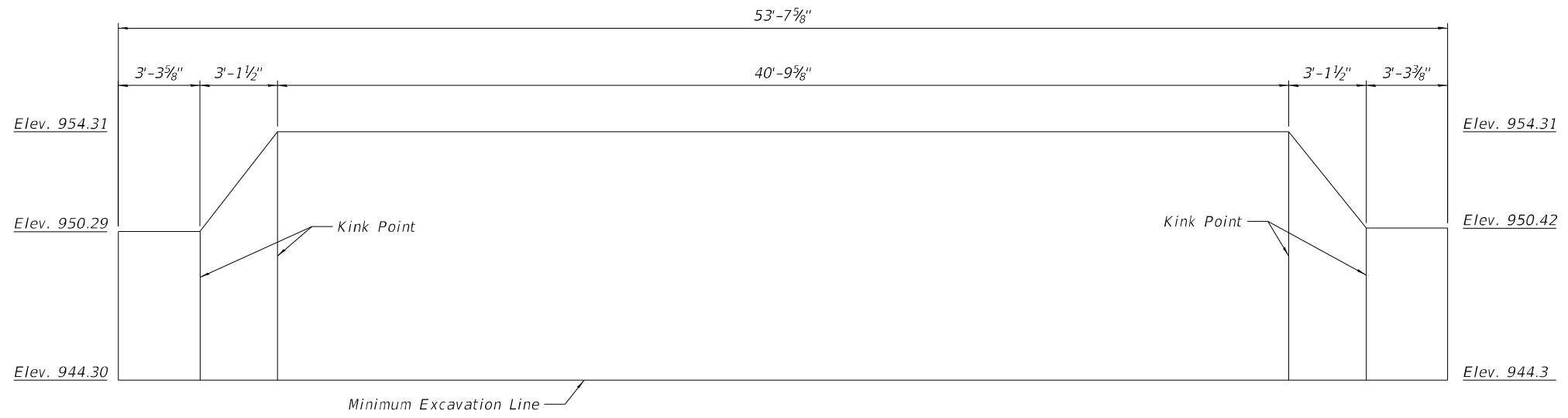
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON
END SECTION DETAILS

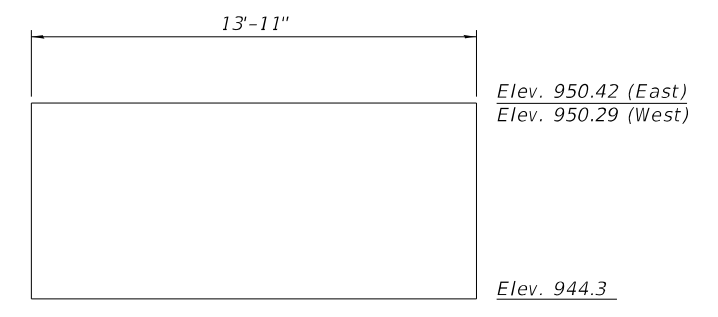
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				

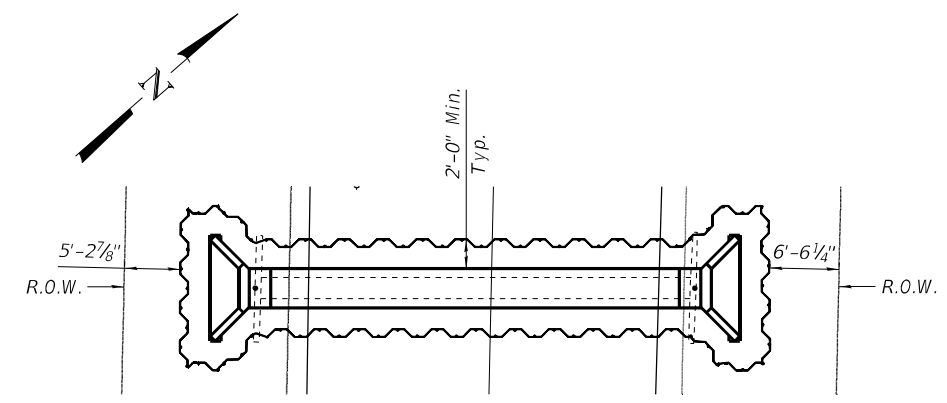
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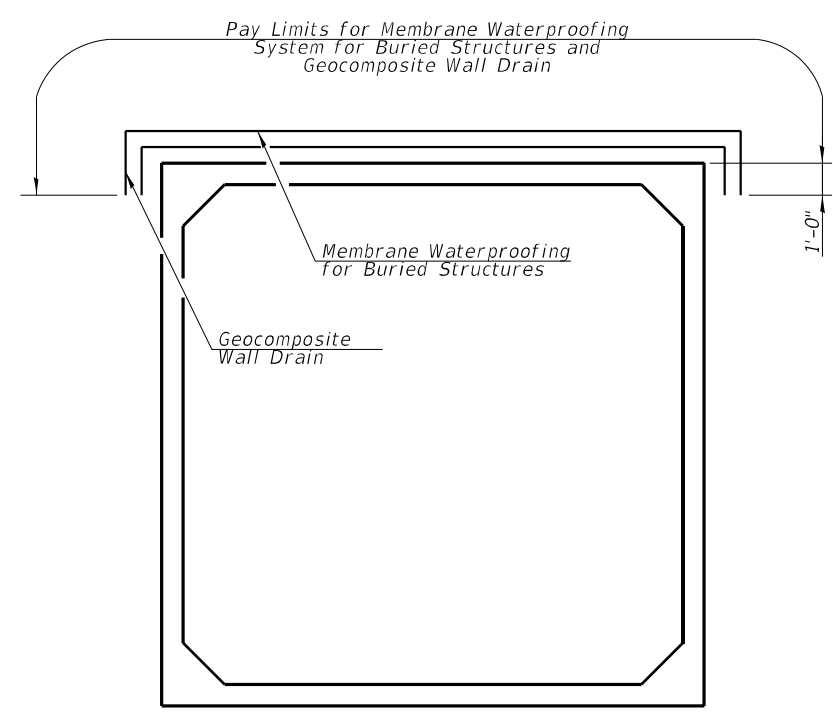
ELEVATION
 Showing North Wall
 (South Wall Similar)



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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PLOT DATE =	1/27/2026	CHECKED -	MGH	REVISED -	

**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				



GEO Job No. 23033

SOIL BORING LOG

Page 1 of 2

Date 7/6/23

PROJECT PTB 205, Item 208, Work Order#08

LOCATION US-20 Culvert, Kane County IL, 60140

COUNTY Kane DRILLING METHOD HSA/Rotary HAMMER TYPE CME Automatic

CLIENT	BORING NO.	NORTHING	EASTING	GROUND SURFACE ELEV. (ft)	SOIL PROPERTIES					ELEVATIONS					
					DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (ksf)	MOISTURE (%)	RY (pcf)	DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (ksf)	MOISTURE (%)	RY (pcf)	
WSP	CB-1	1976428	946794	954.3						Surface Water Elev. n/a	Stream Bed Elev. n/a	Groundwater Elev.:	First Encounter	Upon Completion	After
					12.0" ASPHALT										
					SANDY CLAY LOAM-dark gray-stiff										
					ORGANIC SILTY LOAM-black-stiff										
					SILTY CLAY LOAM-black-gray-very loose										
					CLAY LOAM-brown-gray-medium stiff										
					CLAYEY SAND with GRAVEL-gray-loose to medium dense										
					CLAY LOAM-gray-stiff to hard										
					CLAY LOAM-gray-medium stiff to very stiff										



GEO Job No. 23033

SOIL BORING LOG

Page 2 of 2

Date 7/6/23

PROJECT PTB 205, Item 208, Work Order#08

LOCATION US-20 Culvert, Kane County IL, 60140

COUNTY Kane DRILLING METHOD HSA/Rotary HAMMER TYPE CME Automatic

CLIENT	BORING NO.	NORTHING	EASTING	GROUND SURFACE ELEV. (ft)	SOIL PROPERTIES					ELEVATIONS					
					DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (ksf)	MOISTURE (%)	RY (pcf)	DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (ksf)	MOISTURE (%)	RY (pcf)	
WSP	CB-1	1976428	946794	954.3						Surface Water Elev. n/a	Stream Bed Elev. n/a	Groundwater Elev.:	First Encounter	Upon Completion	After
					End of boring at 40'. Grouted upon completion.										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). GP-Geoprobe Hand Auger BBS, from 137 (Rev. 8-99)

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). GP-Geoprobe Hand Auger BBS, from 137 (Rev. 8-99)

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PLOT DATE = 1/27/2026	CHECKED - MGH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS - 1
SHEET 5 OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	127
CONTRACT NO. 62V08				
ILLINOIS FED. AID PROJECT				



GEO Job No. 23033

SOIL BORING LOG

Page 1 of 2

Date 7/6/23

PROJECT PTB 205, Item 208, Work Order#08

LOCATION US-20 Culvert, Kane County IL, 60140

COUNTY Kane DRILLING METHOD HSA/Rotary HAMMER TYPE CME Automatic

CLIENT	D E P T H	B L O W S	U C S Qu	M O I S T	R Y Q U A L I T Y	Surface Water Elev.		D E P T H	B L O W S	U C S Qu	M O I S T	R Y Q U A L I T Y
						(ft)	(ft)					
WSP						n/a	ft					
BORING NO. CB-2						n/a	ft					
Northing 1976445												
Easting 946773												
Ground Surface Elev. 954.4 ft												
12.0" ASPHALT and CONCRETE	953.4		1			SAND with CLAY-gray-medium dense (continued)			4			
Crushed Stone	952.4								5	15		
									7			
						930.9			4			
ORGANIC SILTY CLAY LOAM-medium stiff to stiff		1				CLAY LOAM-gray-stiff to very stiff			4	3.50	11	
		3	1.00	38					4	B		
		3	B						7			
		-5							-25			
									4			
									5	3.00	9	
		1	0.50	34					7	B		
		1	B									
SILTY LOAM-gray	946.4								6			
			ST	27					6	3.00	11	
									8	B		
	944.4	-10							-30			
									6			
		1							6	2.00	13	
		2		21					9	B		
		2										
									14			
		1							7	1.00	12	
		1		24					5	B		
		-15							-35			
									4			
SAND with CLAY-gray-medium dense		4				918.4			4			
		5		21		CLAY with GRAVEL-gray-very stiff			7	2.00	13	
		7							9	B		
						915.9			4			
		8				CLAY LOAM-gray-very stiff			6	2.50	12	
		6		16					6	B		
		10							10			
		-20				914.4			-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). GP-Geoprobe Hand Auger BBS, from 137 (Rev. 8-99)



GEO Job No. 23033

SOIL BORING LOG

Page 2 of 2

Date 7/6/23

PROJECT PTB 205, Item 208, Work Order#08

LOCATION US-20 Culvert, Kane County IL, 60140

COUNTY Kane DRILLING METHOD HSA/Rotary HAMMER TYPE CME Automatic

CLIENT	D E P T H	B L O W S	U C S Qu	M O I S T	R Y Q U A L I T Y	Surface Water Elev.		D E P T H	B L O W S	U C S Qu	M O I S T	R Y Q U A L I T Y
						(ft)	(ft)					
WSP						n/a	ft					
BORING NO. CB-2						n/a	ft					
Northing 1976445												
Easting 946773												
Ground Surface Elev. 954.4 ft												
EOB @ 40'. Grouted upon completion.												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). GP-Geoprobe Hand Auger BBS, from 137 (Rev. 8-99)

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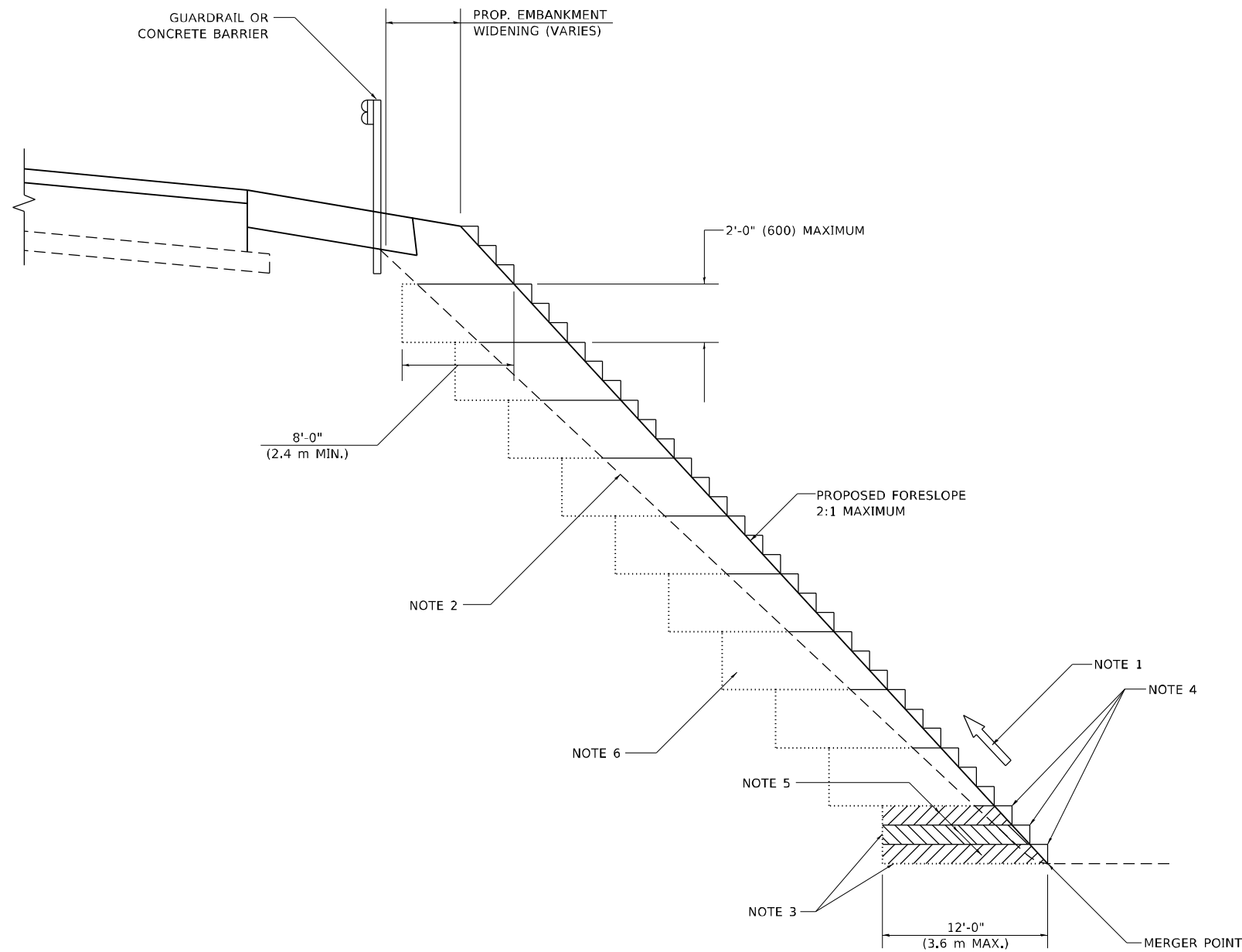
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS - 2

SHEET 6 OF 6 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	2023 VAR DRAINAGE	KANE	136	128
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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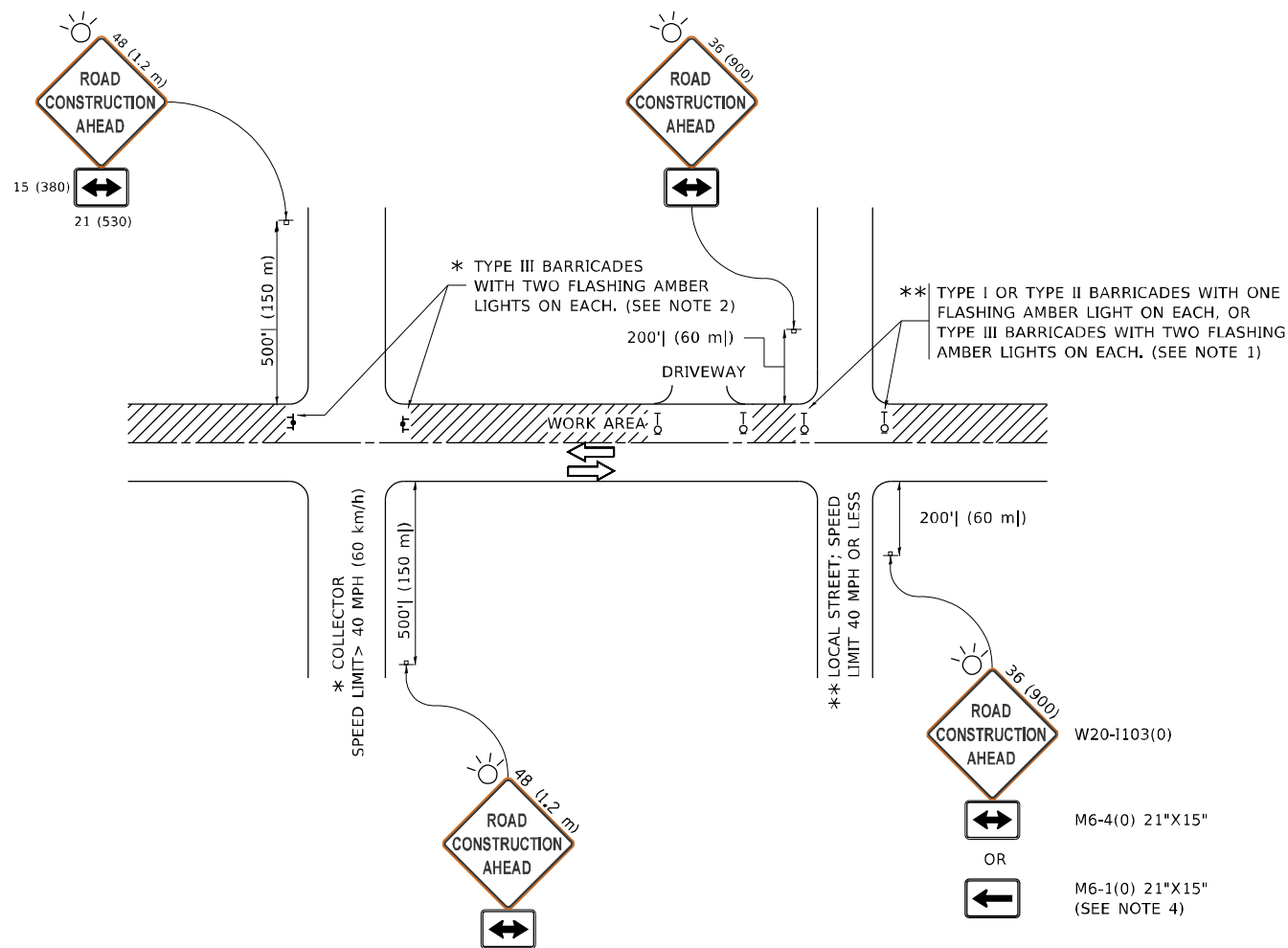
USER NAME = Lawrence.DeManche	DESIGNED -	REVISED - K. SMITH 11-18-22
	DRAWN - CADD	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - S.E.B.	REVISED -
PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

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	129
BD-51		CONTRACT NO. 62V08		
ILLINOIS		FED. AID PROJECT		



NOTES:

- 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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 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.
- SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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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 USER: ...
 DATE: 3/4/2019

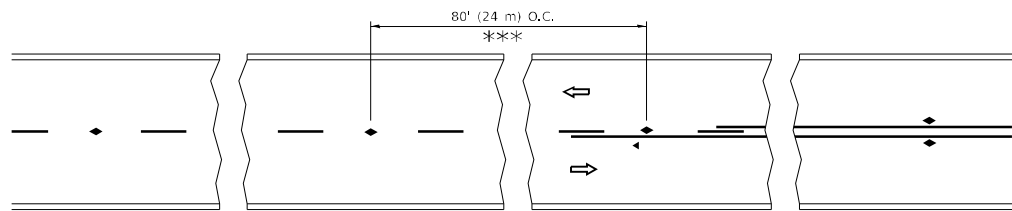
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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

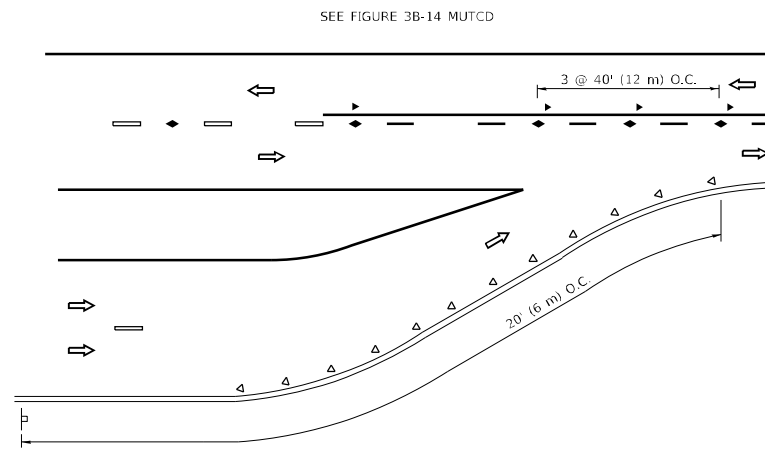
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VARIOUS DRAINAGE	VARIOUS	136	130
TC-10			CONTRACT NO. 62V08	
ILLINOIS FED. AID PROJECT				

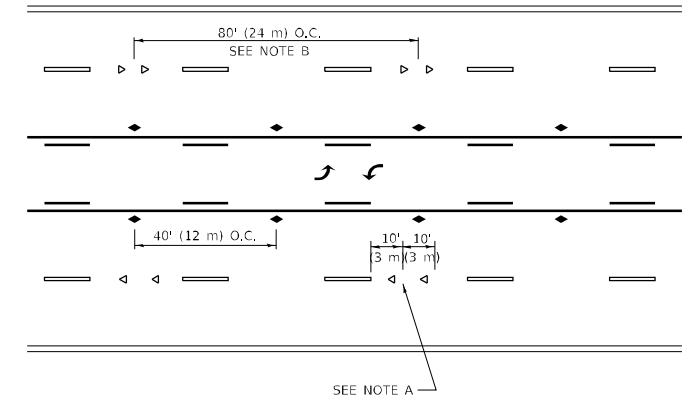


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

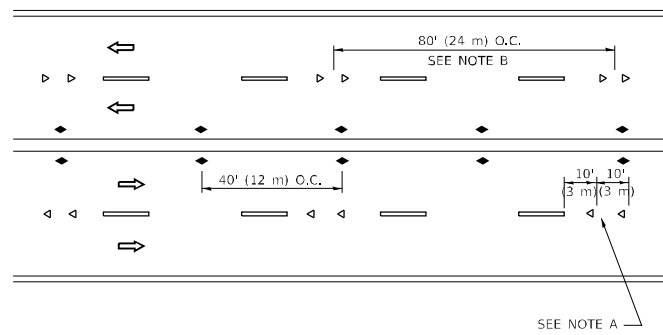
TWO-LANE/TWO-WAY



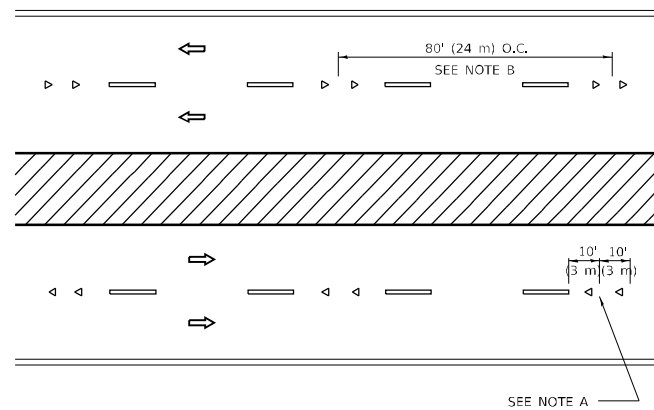
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

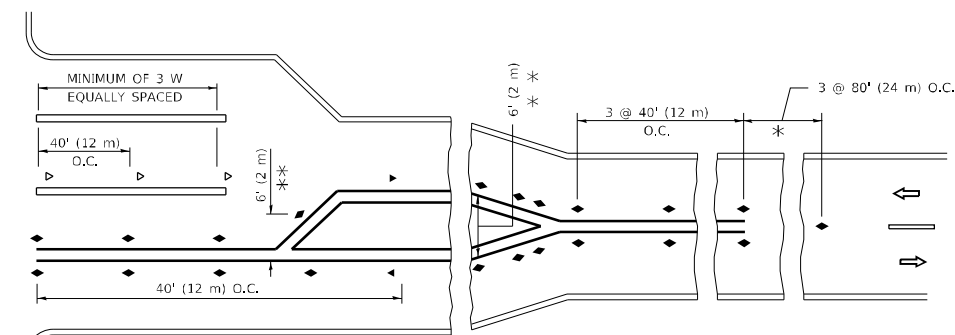
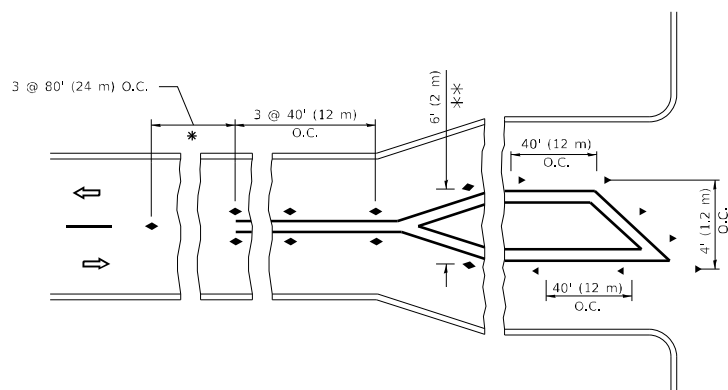
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

MODEL: Default
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 DATE: 3/4/2019 10:29:08 AM User:foote

USER NAME = foote	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000 "/td> <td>CHECKED -</td> <td>REVISED - C. JUCIUS 09-09-09</td>	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 VAR DRAINAGE	VARIOUS	136	131
TC-11			CONTRACT NO. 62V08	
ILLINOIS		FED. AID PROJECT		

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

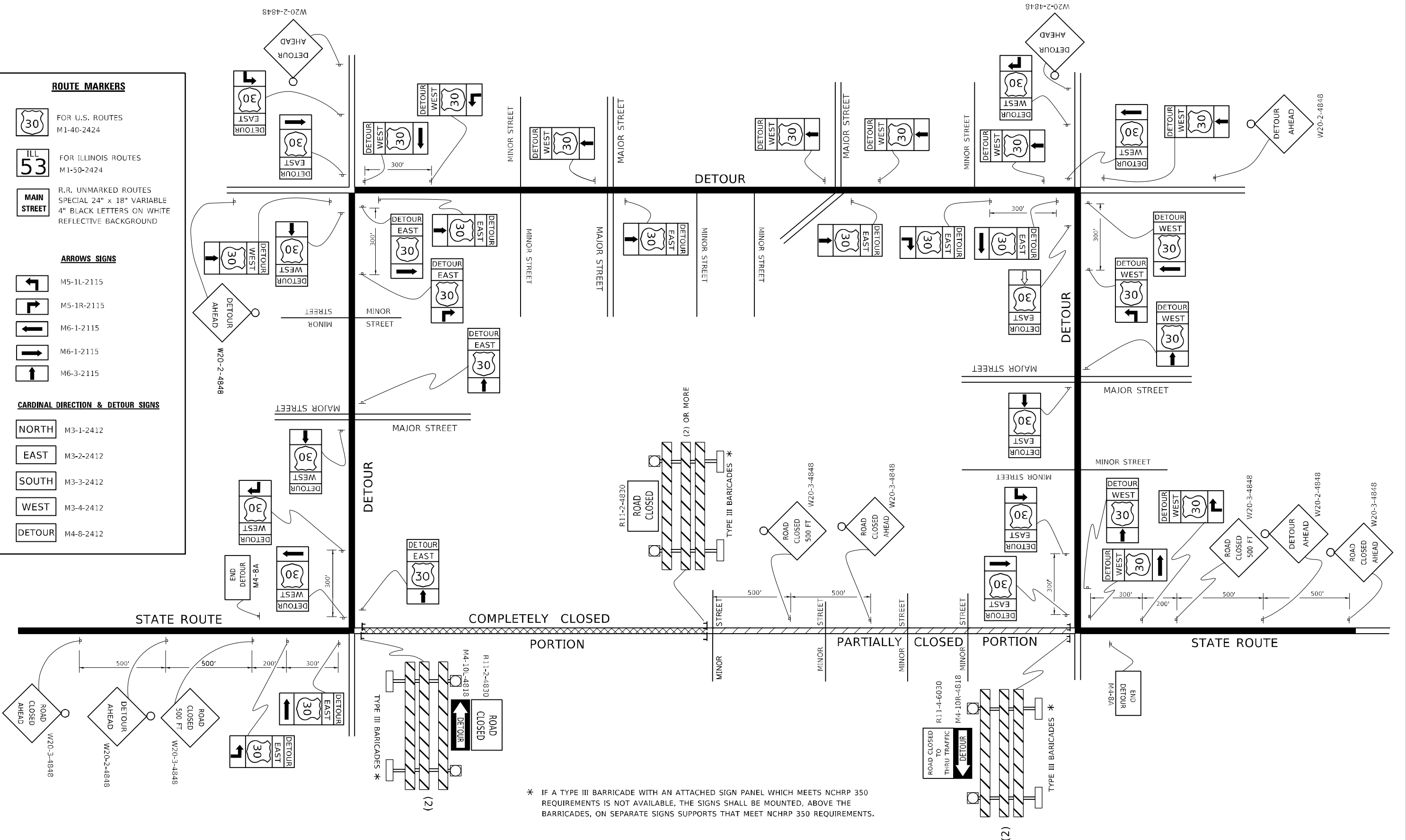
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



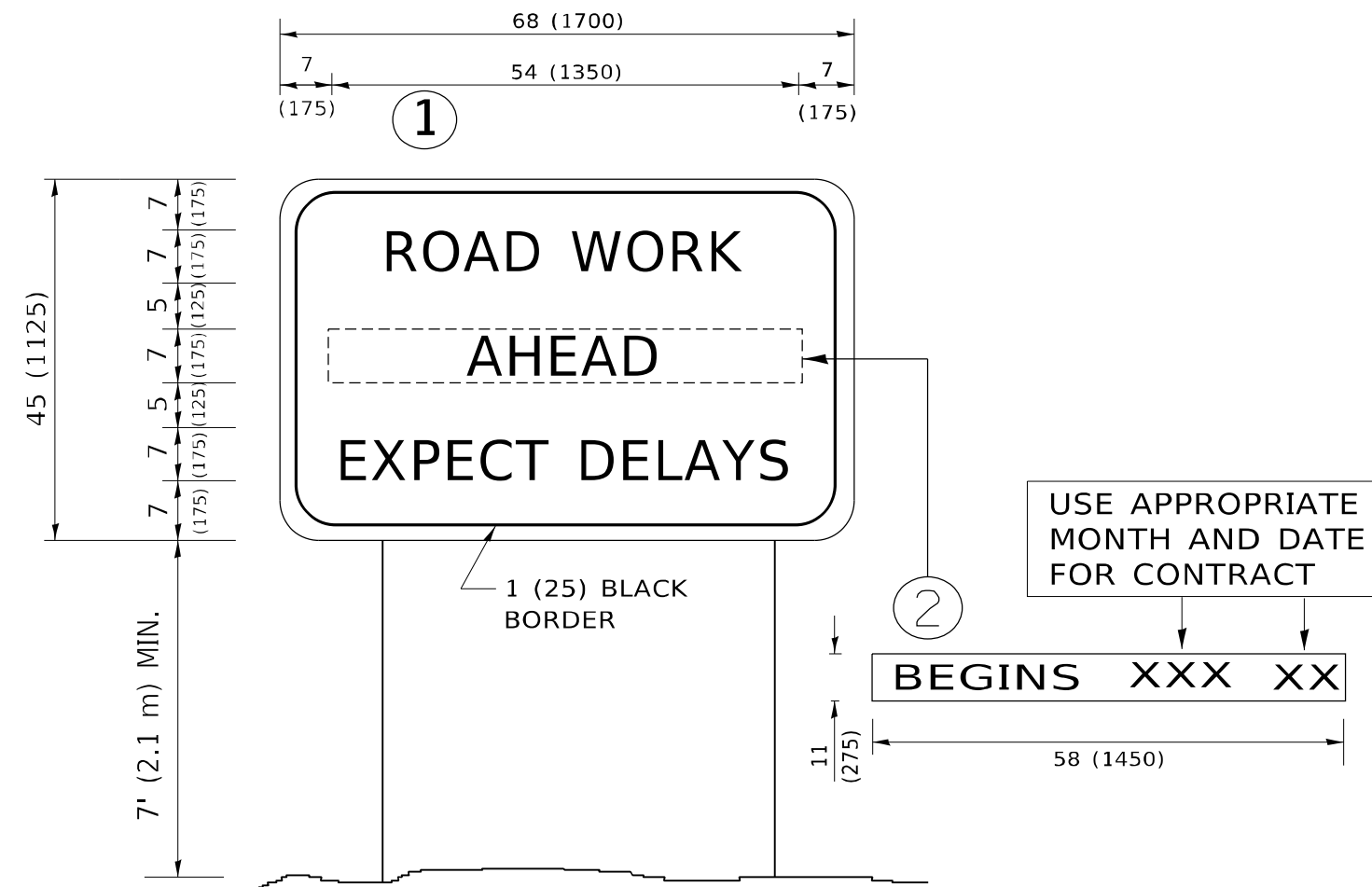
* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

USER NAME = footemj	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: Default
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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				

