

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-055-DR	VARIOUS	125	1
		ILLINOIS	CONTRACT NO. 62N86	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

IMPROVEMENTS ARE LOCATED IN THE VILLAGES OF WOODRIDGE AND HOMEWOOD AND IN THE CITY OF WILMINGTON

TRAFFIC DATA:
175TH STREET (MINOR ARTERIAL)
2018 ADT=13,600 VPD
POSTED AND DESIGN SPEED LIMIT=40 MPH

TRAFFIC DATA:
DIXIE HIGHWAY (MINOR ARTERIAL)
2021 ADT=10,800 VPD
POSTED AND DESIGN SPEED LIMIT=30 MPH

TRAFFIC DATA:
IL ROUTE 113 (MAJOR COLLECTOR)
2021 ADT=2,650 VPD
POSTED AND DESIGN SPEED LIMIT=55 MPH

TRAFFIC DATA:
IL ROUTE 53 (OTHER PRINCIPAL ARTERIAL)
2021 ADT=22,900 VPD
POSTED AND DESIGN SPEED LIMIT=45 MPH

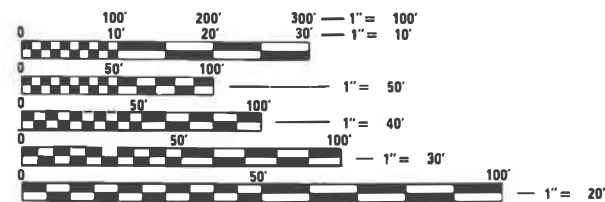
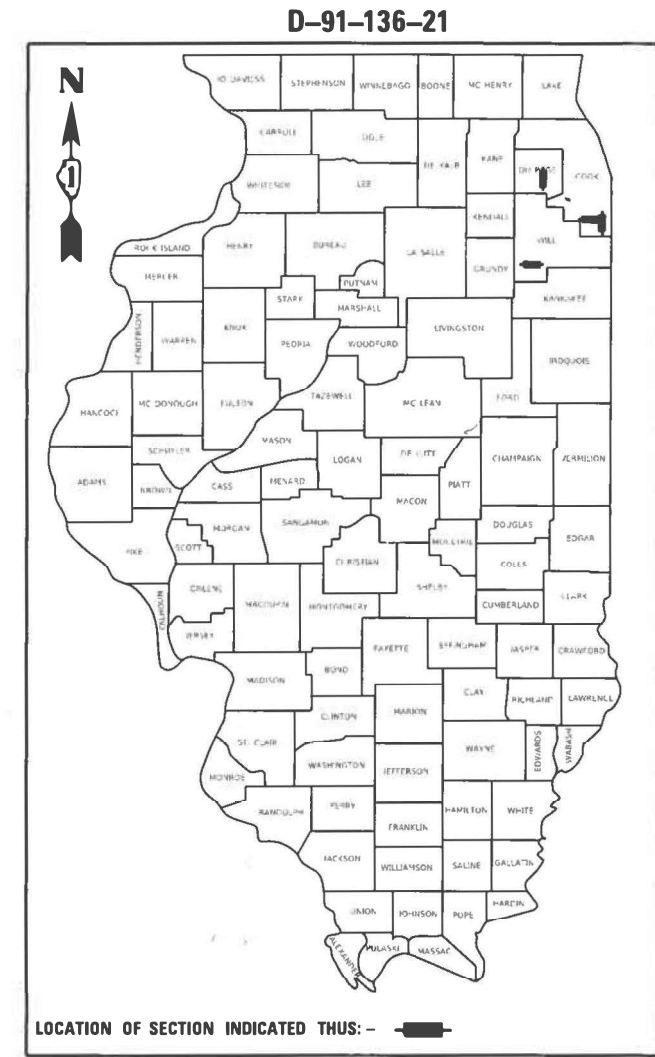
PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES, VARIOUS LOCATIONS (SOUTH AREA)
F.A.U. ROUTE 1618 (175TH STREET)
WESTERN AVENUE TO DIXMOOR DRIVE
F.A.U. ROUTE 2843 (DIXIE HIGHWAY)
SOUTH OF HEATHER ROAD TO BIRCH ROAD
F.A.P. ROUTE 299 (IL-113) WEST OF WEST RIVER ROAD
F.A.P. ROUTE 870 (IL-53) AT JOAN LANE

SECTION 2021-055-DR
DRAINAGE IMPROVEMENTS
VARIOUS COUNTY

C-91-159-21

FOR LOCATION MAPS, SEE SHEET NO. 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.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811



12/16/2022
Date
Kendy Estimable
Illinois Registered
Engineer No. 062-071404
Registration Expires Nov. 30, 2023



12/16/2022
Date
Todd D. Williams
Illinois Registered
Engineer No. 062-063451
Registration Expires Nov. 30, 2023



12/16/2022
Date
Alex C. Benz
Illinois Registered
Structural Engineer
No. 081-007814
Registration Expires Nov. 30, 2023



12/16/2022
Date
Yemi O. Oyewole
Illinois Registered
Engineer No. 062-058164
Registration Expires Nov. 30, 2023

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62N86



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 2, 2023
[Signature]
REGIONAL ENGINEER

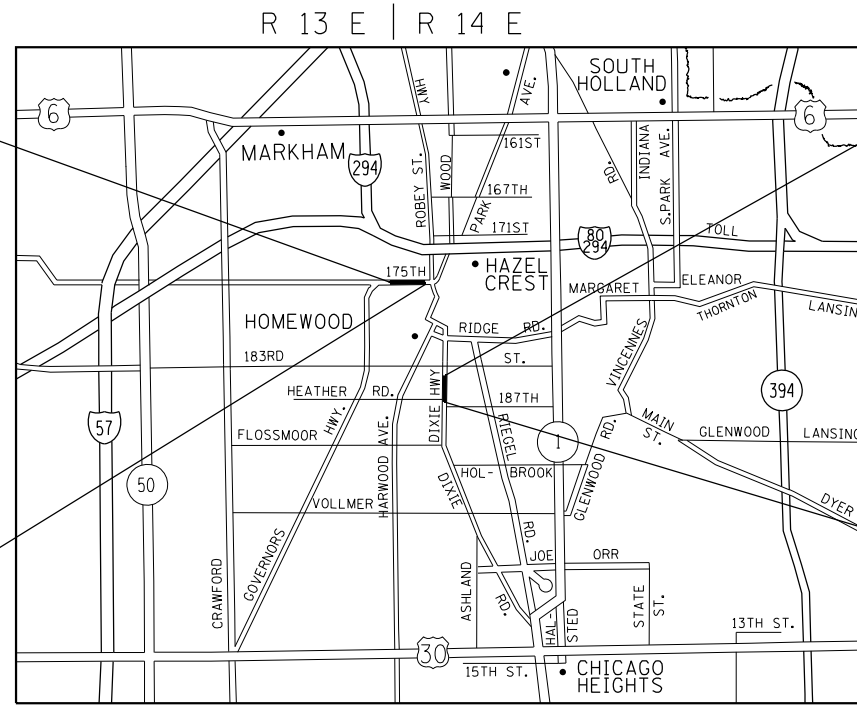
March 24, 2023
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 24, 2023
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

**175TH STREET
IMPROVEMENTS
BEGIN STA 18+94.02**

**175TH STREET
IMPROVEMENTS
END STA 36+99.59**



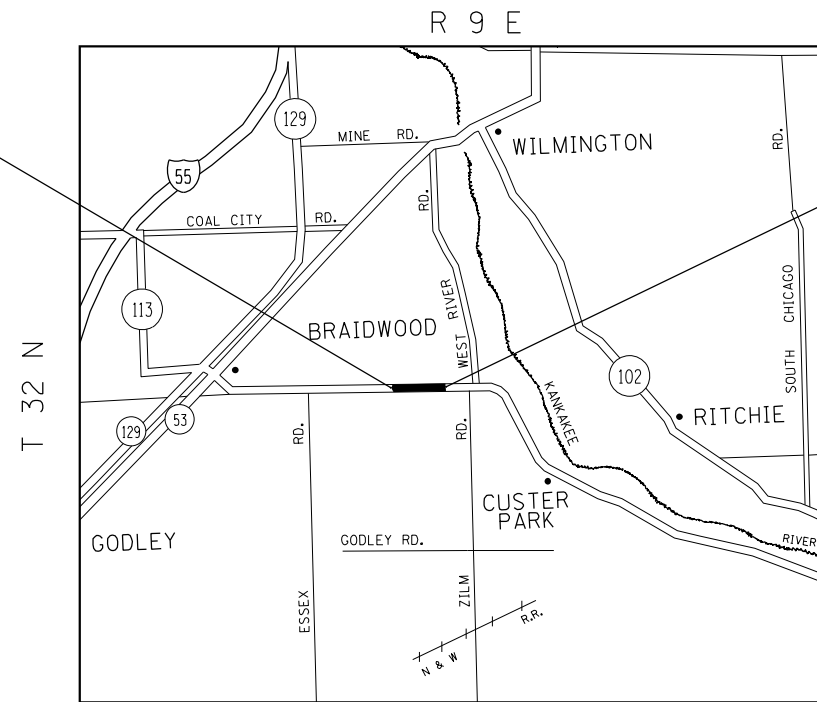
**DIXIE HIGHWAY
IMPROVEMENTS
BEGIN STA 112+65.00**

**DIXIE HIGHWAY
IMPROVEMENTS
END STA 127+67.65**

THE VILLAGE OF HOMEWOOD
BLOOM & THORNTON TOWNSHIP

**IL ROUTE 113
IMPROVEMENTS
BEGIN STA 152+50.00**

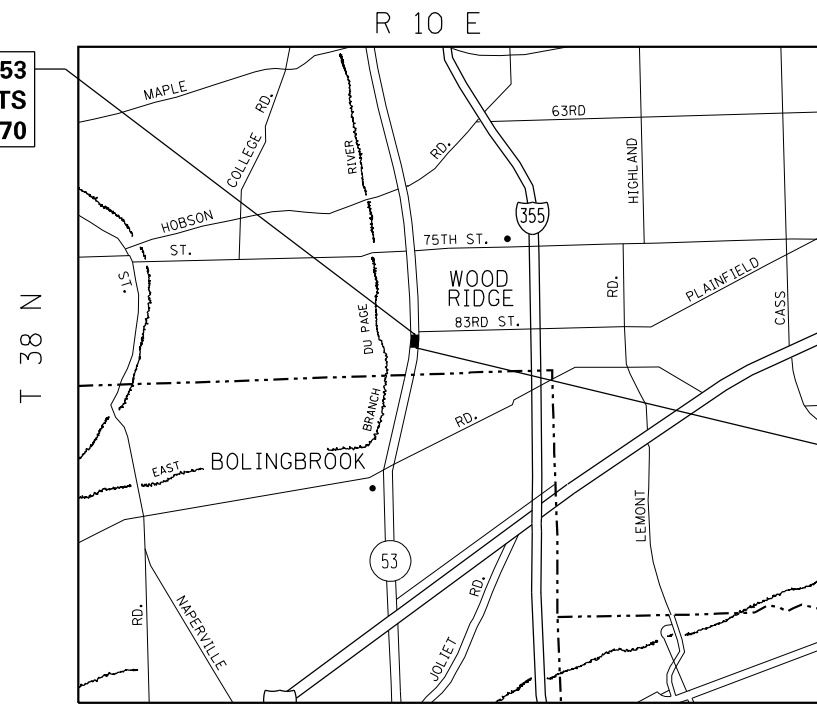
**IL ROUTE 113
IMPROVEMENTS
END STA 170+00.00**



THE CITY OF WILMINGTON
CUSTER TOWNSHIP

**IL ROUTE 53
IMPROVEMENTS
BEGIN STA 101+29.70**

**IL ROUTE 53
IMPROVEMENTS
END STA 106+80.00**



THE VILLAGE OF WOODRIDGE
LISLE TOWNSHIP

MODEL: \\S06\BENAMES
FILE NAME: ST113



USER NAME = \$USERS	DESIGNED - KE	REVISED -
PLOT SCALE = \$SCALES	DRAWN - KE	REVISED -
PLOT DATE = \$DATES	CHECKED - GSB	REVISED -
	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VARIOUS LOCATIONS
LOCATION MAPS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-055-DR	VARIOUS	125	2
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIA
602401-07	PRECAST MANHOLE, TYPE A, 4"(1.22 M) DIAMETER
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
604001-05	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604036-03	GRATE, TYPE 8
604041-03	FRAME AND GRATE TYPE 9
630001-12	STEEL PLATE BEAM GUARDRAIL
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
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
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
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
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER BARRIER WALL REFLECTOR MOUNTING DETAILS

DISTRICT 1 STANDARDS

BD400-01 (BD-01)	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER > 15' (4.5m)
BD600-06 (BD-24)	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC26	DRIVEWAY ENTRANCE SIGNING

COMMITMENTS

- DUE TO THE PROXIMITY OF THE PROPOSED PROJECT TO SAND RIDGE SAVANNA NATURE PRESERVE, THE DEPARTMENT RECOMMENDS:
- SIGNAGE SHOULD BE INSTALLED THAT CLEARLY DELINEATES THE BOUNDARY OF THE NATURE PRESERVE. NO PARKING OR STAGING OF EQUIPMENT SHOULD OCCUR ON THE SOUTH SIDE OF ILLINOIS 113 TO ENSURE THAT NO DISTURBANCES OCCUR WITHIN THE NATURE PRESERVE.
 - EQUIPMENT SHOULD BE WASHED BEFORE ENTERING THE WORK SITE TO PREVENT THE TRANSFER OF NON-NATIVE AND INVASIVE SPECIES INTO THE AREA.
 - ANY DISTURBED AREAS SHOULD BE RESEEDED WITH AN APPROPRIATE NATIVE SEED MIX THAT CONTAINS FORBS AS WELL AS GRASSES (SUCH AS IDOT CLASS 5, 5A, OR 5B SEED MIX), WHERE FEASIBLE.
 - WHERE FEASIBLE, TEMPORARY AND PERMANENT LIGHTING NEAR THE NATURE PRESERVE SHOULD BE AVOIDED TO MINIMIZE ADVERSE EFFECTS TO WILDLIFE AND MAINTAIN THE INTEGRITY OF THE AREA. IF TEMPORARY OR PERMANENT LIGHTING IS REQUIRED, THE FOLLOWING SHOULD BE IMPLEMENTED:
 - ALL LIGHTING SHOULD BE FULLY SHIELDED FIXTURES THAT EMIT NO LIGHT UPWARD.
 - ONLY "WARM-WHITE" OR FILTERED LEDS (CCT < 3,000 K; S/P RATIO < 1.2) SHOULD BE USED TO MINIMIZE BLUE EMISSION.
 - ONLY LIGHT THE EXACT SPACE WITH THE AMOUNT (LUMENS) NEEDED TO MEET FACILITY SAFETY REQUIREMENT.
 - IF LEDS ARE TO BE USED, AVOID THE TEMPTATION TO OVER-LIGHT BASED ON THE HIGHER LUMINOUS EFFICIENCY OF LEDS.

GENERAL NOTES

- 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.
- ALL PAVEMENT PATCHING AND CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 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.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- 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
- 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 HYDROLOGIAL DISTURBANCE OF UPLAND AREAS.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN ONE (1) CALENDAR DAY FOLLOWING THE END OF ACTIVE HYDROLOGIAL 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 SBMIT 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 SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- IL 113 LOCATION: SAND RIDGE SAVANNAH IS A PROPERTY OF THE FOREST PRESERVE DISTRICT OF WILL COUNTY (FPDWC). CONTRACTOR'S ATTENTION IS DIRECTED TO ARTICLE 107.23 OF THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION. THE RESIDENT ENGINEER SHALL CONTACT SARA WITTCHEN, REAL ESTATE MANAGER, PLANNING & LAND PRESERVATION, FOREST PRESERVE DISTRICT OF WILL COUNTY, OFFICE: 815-722-5471 AND/ OR AT: SWITTCHEN@FPDWC.ORG A MINIMUM OF 14 DAYS IN ADVANCE OF THE STARTING OF ANY CONSTRUCTION WORK AT IL 113 LOCATION, TO NOTIFY HER OF THE SCHEDULE OF WORK NEAR THE SAND RIDGE SAVANNAH PROPERTY.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
SHOULDER RECONSTRUCTION (HMA SHOULDERS, 8")	HMA SURFACE COURSE MIX "D", N70, (IL-9.5): 2"	4% @ 70 GYR.	QC/QA
	HMA BINDER COURSE, IL-19.0, N70, 6"	4% @ 70 GYR.	QC/QA
DRIVEWAYS	HMA SURFACE COURSE MIX "D", N50, (IL-9.5): 2"	4% @ 50 GYR.	QC/QA
	HMA BASE COURSE, (HMA BINDER COURSE, IL-19), PE - 6" (HMA BINDER COURSE, IL-19), CE - 8"	4% @ 50 GYR.	QC/QA
PATCHING	CLASS D PATCHES HMA BINDER IL-19	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.

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. PLEASE 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 COORDINANTE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF HOMEWOOD, WOODRIDGE, AND WILLMINGTON.
- 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 CULVERTS ALONG ILLINOIS ROUTE 113.
- 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.

MODEL: \$MODELNAME\$ FILE NAME: \$FILE\$

	USER NAME = \$USERS\$	DESIGNED - KE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VARIOUS LOCATIONS INDEX, STANDARDS AND GENERAL NOTES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	CHECKED - GSB	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT
	PLOT DATE = \$DATE\$	DATE - 2/10/2023	REVISED -										VARIOUS
											CONTRACT NO. 62N86		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	WILL	DUPAGE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				175TH ST	DIXIE HWY	IL RTE 113	IL RTE 53
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0021	0005	0005
				URBAN	URBAN	URBAN	URBAN
20101100	TREE TRUNK PROTECTION	EACH	1	0	0	0	1
20200100	EARTH EXCAVATION	CU YD	2,073	665	736	500	172
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	161	101	60	0	0
20400800	FURNISHED EXCAVATION	CU YD	102	0	0	0	102
20700220	POROUS GRANULAR EMBANKMENT	CU YD	160	0	0	35	125
20800150	TRENCH BACKFILL	CU YD	283	51	66	149	17
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	585	117	97	0	371
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3,129	2,146	983	0	0
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,046	0	0	0	1,046
25000210	SEEDING, CLASS 2A	ACRE	2.3	1	1	0	0.3
25000312	SEEDING, CLASS 4A	ACRE	1	0	0	1	0
25000314	SEEDING, CLASS 4B	ACRE	1	0	0	1	0
25000322	SEEDING, CLASS 5A	ACRE	1	0	0	1	0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27	0	0	0	27
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27	0	0	0	27
25100630	EROSION CONTROL BLANKET	SQ YD	3,123	1,485	185	0	1,453

*SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	WILL	DUPAGE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				175TH ST	DIXIE HWY	IL RTE 113	IL RTE 53
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0021	0005	0005
				URBAN	URBAN	URBAN	URBAN
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	2,975	0	0	2,975	0
25100900	TURF REINFORCEMENT MAT	SQ YD	728	0	0	0	728
25200110	SODDING, SALT TOLERANT	SQ YD	1,459	661	798	0	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	31	0	0	0	31
28000305	TEMPORARY DITCH CHECKS	FOOT	363	54	0	234	75
28000400	PERIMETER EROSION BARRIER	FOOT	4,130	1,869	488	1,773	0
28000500	INLET AND PIPE PROTECTION	EACH	21	9	10	0	2
28000510	INLET FILTERS	EACH	9	0	0	0	9
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	3,206	1,485	983	0	738
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	417	0	0	417	0
28100107	STONE RIPRAP, CLASS A4	SQ YD	33	0	0	0	33
28200200	FILTER FABRIC	SQ YD	33	0	0	0	33
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,200	447	565	105	83
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	2,763	1,177	1,586	0	0

*SPECIALTY ITEM

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$



USER NAME = \$USERS\$	DESIGNED - KE	REVISED -
	DRAWN - KE	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - GSB	REVISED -
PLOT DATE = \$DATE\$	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VARIOUS LOCATIONS
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-055-DR	VARIOUS	125	4
			CONTRACT NO. 62N86	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	WILL	DUPAGE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				175TH ST	DIXIE HWY	IL RTE 113	IL RTE 53
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0021	0005	0005
				URBAN	URBAN	URBAN	URBAN
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	23	0	0	23	0
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	662	339	218	105	0
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	83	0	0	0	83
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,032	229	642	86	75
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	88	38	26	14	10
42001300	PROTECTIVE COAT	SQ YD	2,484	1,284	1,200	0	0
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	200	96	104	0	0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,214	100	2,114	0	0
42400800	DETECTABLE WARNINGS	SQ FT	20	0	20	0	0
44000100	PAVEMENT REMOVAL	SQ YD	219	61	158	0	0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,124	308	187	544	85
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	192	14	22	0	156
44000600	SIDEWALK REMOVAL	SQ FT	2,236	102	2,134	0	0
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	37	26	11	0	0

*SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	WILL	DUPAGE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				175TH ST	DIXIE HWY	IL RTE 113	IL RTE 53
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0021	0005	0005
				URBAN	URBAN	URBAN	URBAN
48101498	AGGREGATE SHOULDERS, TYPE B 4"	SQ YD	564	426	138	0	0
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	733	0	733	0	0
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	1,259	898	361	0	0
50102400	CONCRETE REMOVAL	CU YD	2.4	0	0	0	2.4
50105220	PIPE CULVERT REMOVAL	FOOT	205	0	0	122	83
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	48	0	0	0	48
50800105	REINFORCEMENT BARS	POUND	1,260	0	0	0	1,260
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	0	0	2	0
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2	0	0	2	0
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2	0	0	2	0
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	2	0	0	2	0
54010302	PRECAST CONCRETE BOX CULVERTS 3' X 2'	FOOT	18	0	0	18	0
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	42	0	0	42	0
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	56	0	0	56	0

*SPECIALTY ITEM

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$



USER NAME = \$USERS\$	DESIGNED - KE	REVISED -
	DRAWN - KE	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - GSB	REVISED -
PLOT DATE = \$DATE\$	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VARIOUS LOCATIONS
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-055-DR	VARIOUS	125	5
			CONTRACT NO. 62N86	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	WILL	DUPAGE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				175TH ST	DIXIE HWY	IL RTE 113	IL RTE 53
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0021	0005	0005
				URBAN	URBAN	URBAN	URBAN
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	0	0	1	0
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	30	0	0	0	30
550A0330	STORM SEWERS, CLASS A, TYPE 2 10"	FOOT	429	0	429	0	0
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	323	293	30	0	0
55100500	STORM SEWER REMOVAL 12"	FOOT	7	0	0	0	7
55200200	STORM SEWERS JACKED IN PLACE, 12"	FOOT	52	52	0	0	0
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	41	0	0	41	0
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	0	0	0	1
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	1	4	0	0
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	3	0	3	0	0
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	6	3	3	0	0
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	1	0	1	0	0
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	1	0	0	0	1
60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	0	0	0	1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	WILL	DUPAGE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				175TH ST	DIXIE HWY	IL RTE 113	IL RTE 53
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0021	0005	0005
				URBAN	URBAN	URBAN	URBAN
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1	1	0	0	0
60261000	INLETS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	6	1	5	0	0
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	0	0	0	1
60500060	REMOVING INLETS	EACH	2	0	0	0	2
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	219	0	134	0	85
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	111	0	51	0	60
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	412.5	0	0	262.5	150
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	0	0	0	1
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	0	0	2	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2,073	665	736	500	172
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	0.25	0.25	0.25	0.25
* 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	32	8	8	8	8

*SPECIALTY ITEM

*SPECIALTY ITEM

MODEL NUMBER
FILE NAME: 2113



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	DRAWN - KE	REVISED -
PLOT SCALE = \$SCALES	CHECKED - GSB	REVISED -
PLOT DATE = \$DATES	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VARIOUS LOCATIONS
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-055-DR	VARIOUS	125	6
			CONTRACT NO. 62N86	
		ILLINOIS	FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	WILL	DUPAGE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				175TH ST	DIXIE HWY	IL RTE 113	IL RTE 53
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0021	0005	0005
				URBAN	URBAN	URBAN	URBAN
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0	0	1	0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0	0	1	0
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.5	0.5	0	0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5	0	0
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.5	0.5	0	0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	150	30	30	30	60
70300100	SHORT TERM PAVEMENT MARKING	FOOT	8,955	3,610	3,005	1,790	550
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,969	1,203	1,002	597	167
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	0	0	0	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	0	0	2	0
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	6,067	3,468	2,599	0	0
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	66	0	66	0	0
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	5	0	0	5	0

*SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				COOK	COOK	WILL	DUPAGE
				STATE 100%	STATE 100%	STATE 100%	STATE 100%
				175TH ST	DIXIE HWY	IL RTE 113	IL RTE 53
				ROADWAY	ROADWAY	ROADWAY	ROADWAY
				0005	0021	0005	0005
				URBAN	URBAN	URBAN	URBAN
* X5420201	DROP BOX NO.1	EACH	1	0	0	0	1
* X5427602	REMOVE EXISTING FLARED END SECTION	EACH	1	0	0	0	1
* X0326806	WASHOUT BASIN	L SUM	1	0	0	0	1
X2010402	STUMP REMOVAL, ACRES	ACRE	0.1	0	0	0	0.1
X0327902	MAILBOX REMOVE AND REPLACE	EACH	3	0	0	3	0
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	41	0	0	41	0
X5403000	CONCRETE BOX CULVERTS, (SPECIAL)	CU YD	9.1	0	0	0	9.1
X5400304	PRECAST CONCRETE BOX CULVERTS 5' X 3', (SPECIAL)	FOOT	66	0	0	0	66
X6061460	PAVED DITCH (SPECIAL)	FOOT	792.5	0	792.5	0	0
X6063000	CONCRETE GUTTER, TYPE B (SPECIAL)	FOOT	3,399.5	1,672	1,727.5	0	0
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	4	4	2	2
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0	0	0	1
X5021507	DIVERSION STRUCTURE	EACH	1	0	0	0	1
Z0010614	CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	2	2	0	0	0

*SPECIALTY ITEM

	USER NAME = andrew.thompson2	DESIGNED - KE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VARIOUS LOCATIONS SUMMARY OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	DRAWN - KE	REVISED -					VAR.	2021-055-DR	VARIOUS	125	7
	PLOT DATE = 2/10/2023	CHECKED - GSB	REVISED -					CONTRACT NO. 62N86				
		DATE - 2/10/2023	REVISED -					ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

EARTHWORK SCHEDULE

LOCATION	END AREAS			TOPSOIL		EARTHWORK			
	TOPSOIL STRIPPING (TSS)	EXCAVATION (CUT)	EMBANKMENT (FILL)	21101505	21101625	20200100	EMBANKMENT (FILL)	BALANCE WASTE (+) OR SHORTAGE (-)	20400800
	(SEE NOTE 6)			TOPSOIL EXCAVATION AND PLACEMENT (SEE NOTE 1)	TOPSOIL FURNISH AND PLACE, 6"	EARTH EXCAVATION (CUT)	(SEE NOTE 8)	(SEE NOTE 8)	FURNISHED EXCAVATION (SEE NOTE 8)
	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(SQ YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
IL 53 DITCH									
101+29.70	5.8	0.0	3.4						
101+50.00	5.8	0.0	3.4	4.4	12.9	0.0	2.5	-2.5	2.5
102+00.00	5.8	0.0	3.4	10.8	31.6	0.0	6.3	-6.3	6.3
102+50.00	5.8	0.0	3.4	10.8	31.6	0.0	6.3	-6.3	6.3
103+00.00	5.8	0.0	3.4	10.8	31.6	0.0	6.3	-6.3	6.3
103+11.26	7.3	0.0	4.4	2.7	8.1	0.0	1.6	-1.6	1.6
103+25.00	27.3	16.7	17.3	8.8	24.1	4.3	5.5	-1.8	5.5
103+50.00	34.9	0.0	12.1	28.8	82.0	7.7	13.6	-7.1	13.6
103+78.05	0.0	0.0	0.0	18.1	54.0	0.0	6.3	-6.3	6.3
103+98.43	34.2	0.0	25.4	12.9	31.9	0.0	9.6	-9.6	9.6
104+10.10	28.3	2.2	11.4	13.5	33.8	0.5	7.9	-7.5	7.9
104+50.00	29.6	10.0	6.3	42.8	111.4	9.0	13.0	-5.4	13.0
105+00.00	21.1	18.5	1.9	46.9	130.1	26.4	7.5	14.9	7.5
105+50.00	19.0	16.6	1.8	37.1	108.2	32.5	3.3	24.3	3.3
106+00.00	22.9	16.2	2.5	38.8	111.4	30.4	4.0	21.8	4.0
106+50.00	24.4	17.1	2.2	43.8	126.3	30.9	4.4	21.9	4.4
106+80.00	28.3	21.7	1.9	29.3	85.7	21.6	2.3	16.1	2.3
107+00.00	0.0	0.0	0.0	10.5	30.7	8.0	0.7	6.1	0.7
SHRINKAGE FACTOR		15%	TOTAL	370.8	1045.4	171.3	101.1	44.5	101.1
			ADJ. TOTAL	371.0	1046.0	172.0	102.0	45.0	102.0

NOTES

1. DUE TO LIMITED AVAILABLE SPACE FOR STOCKPILING MATERIALS WITHIN THE PROJECT LIMITS IT IS ANTICIPATED THAT THE EXCAVATED TOPSOIL MATERIAL STRIPPED FROM THE SITE WILL NEED TO BE HAULED AWAY AND NOT AVAILABLE FOR TOPSOIL RESPREADING. EXCAVATED TOPSOIL SHALL BE REMOVED FROM THE PROJECT SITE BY THE CONTRACTOR. THIS WORK IS INCLUDED IN PAY ITEM "TOPSOIL EXCAVATION AND PLACEMENT."
2. ALL EARTHWORK QUANTITIES ARE CALCULATED BY THE METHOD OF AVERAGE END AREAS USING THE PLAN CROSS SECTIONS.
3. SHRINKAGE FACTOR, ASSUMED TO BE 15% FOR THIS PROJECT IS ESTIMATED FOR THE PURPOSE OF DETERMINING A BALANCE OF EARTHWORK.
4. NO SHRINKAGE FACTOR WAS APPLIED WHEN CALCULATING TOPSOIL QUANTITIES.
5. RECOMMENDATIONS OUTLINED IN THE STRUCTURE GEOTECHNICAL REPORT PREPARED BY GEO SERVICES DATED 11/30/2018 WERE USED IN PREPARATION OF THE ROADWAY PLANS AND RELATED EARTHWORK QUANTITY CALCULATIONS.
6. THE AVERAGE THICKNESS OF TWELVE (12) INCHES OF TOPSOIL WAS ASSUMED ON THIS PROJECT FOR THE PURPOSE OF CALCULATING TOPSOIL STRIPPING QUANTITIES.
7. EARTH EXCAVATION WILL ALSO INCLUDE REMOVAL OF ALL AGGREGATE BASE COURSES, AGGREGATE SUB-BASE'S, AGGREGATE SURFACES AND AGGREGATE SHOULDERS.
8. CONTRACTOR SHALL HAUL ALL EARTH EXCAVATION OFF-SITE TO AN APPROVED LOCATION BY THE RESIDENT ENGINEER. REMOVING THE EARTH EXCAVATION FROM THE SITE AND TRANSPORTING IT TO AN OFF-SITE LOCATION SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN PAY ITEM "EARTH EXCAVATION". THE MATERIAL WILL BE BROUGHT BACK TO THE SITE TO BE USED FOR EMBANKMENT (FILL). THE TRANSPORTING OF THE MATERIAL TO THE PROJECT SITE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF "FURNISHED EXCAVATION".

FILE NAME = Z:\18039\05 DOT D1 P1B 187-009 W05 IL53 Drainage Improvement\DWG\Design\Prelim\Plotsheets\62490-ehs-schedule_01.dgn

WBK engineering
 WBKENGINEERING LLC
 116 WEST MAIN STREET, SUITE 201
 ST. CHARLES, ILLINOIS 60174
 (630) 443-7755

USER NAME = RGAH	DESIGNED - AKW	REVISED -
PLOT SCALE = 1:2	DRAWN - KON	REVISED -
PLOT DATE = 2/7/2023	CHECKED - CL	REVISED -
	DATE - 11/17/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
IL 53 AT JOANN LN DRAINAGE IMPROVEMENTS	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

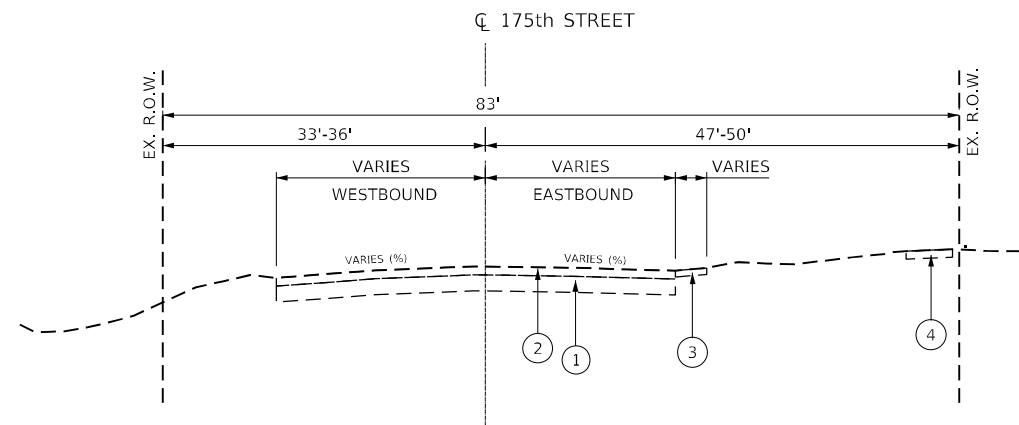
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	2021-055-DR	DUPAGE	125	9
			CONTRACT NO.62N86	
		ILLINOIS FED. AID PROJECT		

LEGEND – EXISTING:

- ① EXISTING P.C.C. PAVEMENT COURSE, 7" (+/-)
- ② EXISTING HMA SURFACE COURSE, 7.75" (+/-)
- ③ EXISTING AGGREGATE SHOULDER
- ④ EXISTING SIDEWALK

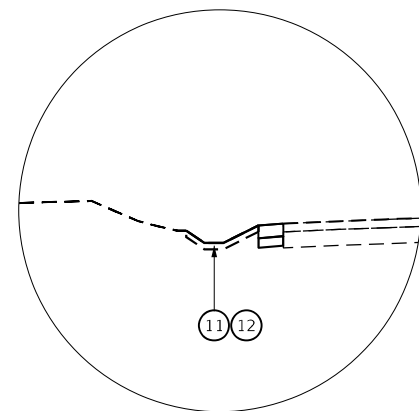
LEGEND – PROPOSED:

- ⑦ PROPOSED PCC SHOULDERS, 8"
- ⑧ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 6"
- ⑨ PROPOSED CONCRETE GUTTER TB SPECIAL
- ⑩ PROPOSED AGGREGATE SHOULDERS TYPE B, 4"
- ⑪ TOPSOIL EXCAVATION AND PLACEMENT
- ⑫ TOPSOIL FURNISH AND PLACE, 4"

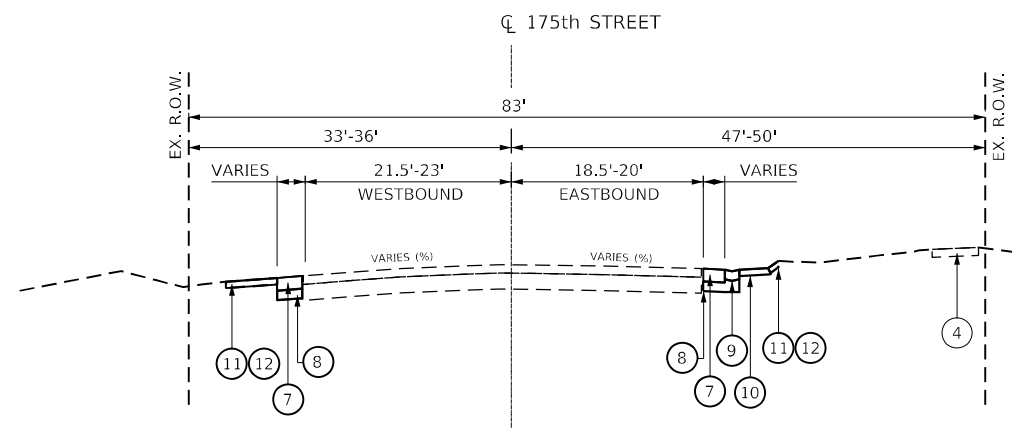


EXISTING TYPICAL SECTION

STA 18+94 TO STA 37+00
(LOOKING EAST)



DITCH SECTION
STA 19+00 TO STA 30+17
STA 30+66 TO STA 33+67
STA 34+32 TO STA 36+97
(LOOKING EAST)



PROPOSED TYPICAL SECTION

STA 18+94 TO STA 37+00
(LOOKING EAST)

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USER NAME = andrew.thompson2	DESIGNED - AAT	REVISED -
DRAWN - AAT	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED - GSB	REVISED -
PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET – WESTERN AVE TO DIXMOOR DR
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

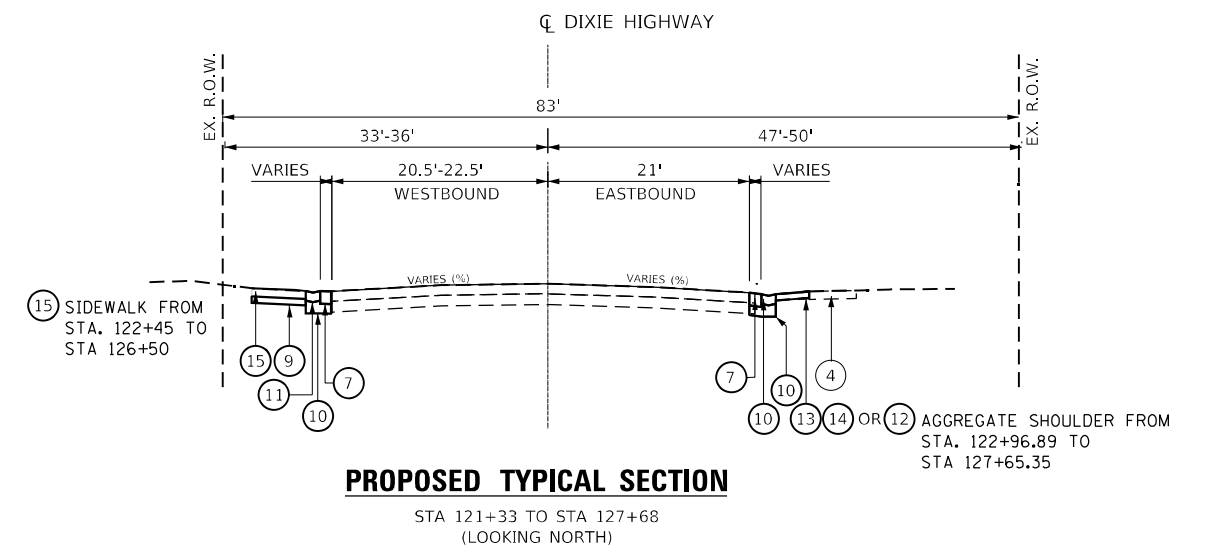
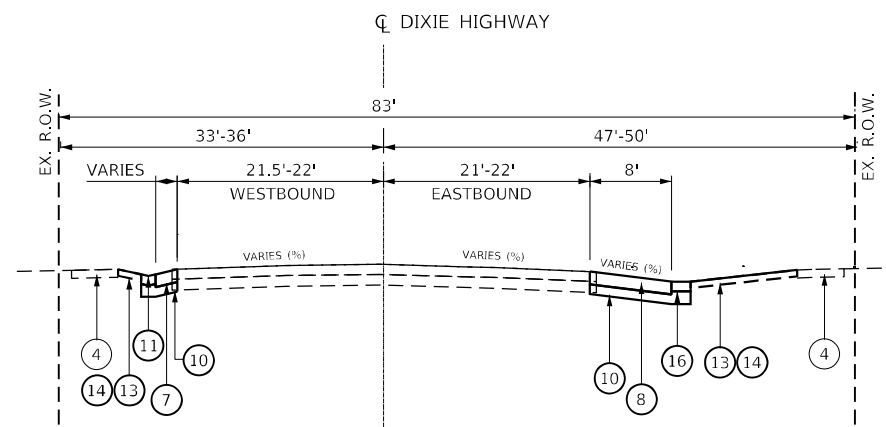
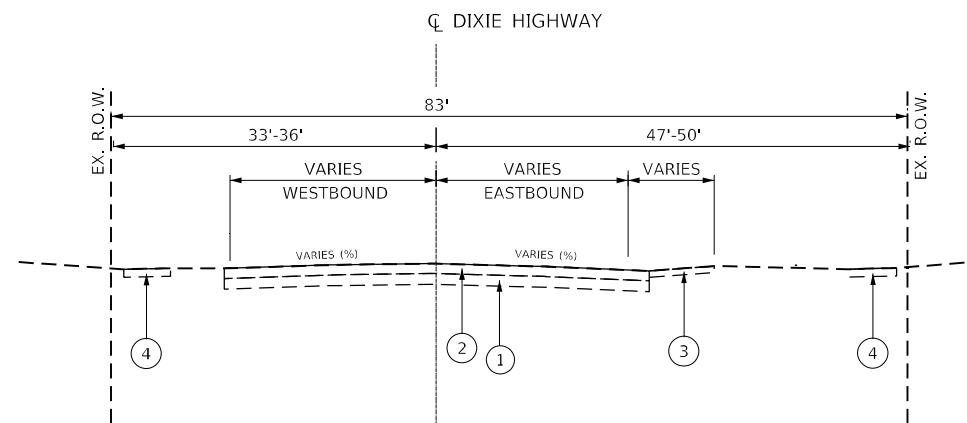
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	10
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

LEGEND – EXISTING:

- ① EXISTING P.C.C. PAVEMENT COURSE, 6.75" (+/-)
- ② EXISTING HMA SURFACE COURSE, 6.25" (+/-)
- ③ EXISTING AGGREGATE SHOULDER
- ④ EXISTING SIDEWALK

LEGEND – PROPOSED:

- ⑦ PROPOSED PCC SHOULDERS, 8"
- ⑧ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 4"
- ⑩ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 6"
- ⑪ PROPOSED CONCRETE GUTTER TB SPECIAL
- ⑫ PROPOSED AGGREGATE SHOULDERS TYPE B, 6"
- ⑬ TOPSOIL EXCAVATION AND PLACEMENT
- ⑭ TOPSOIL FURNISH AND PLACE, 4"
- ⑮ PROPOSED PCC SIDEWALK, 5"
- ⑯ PROPOSED PAVED DITCH SPECIAL



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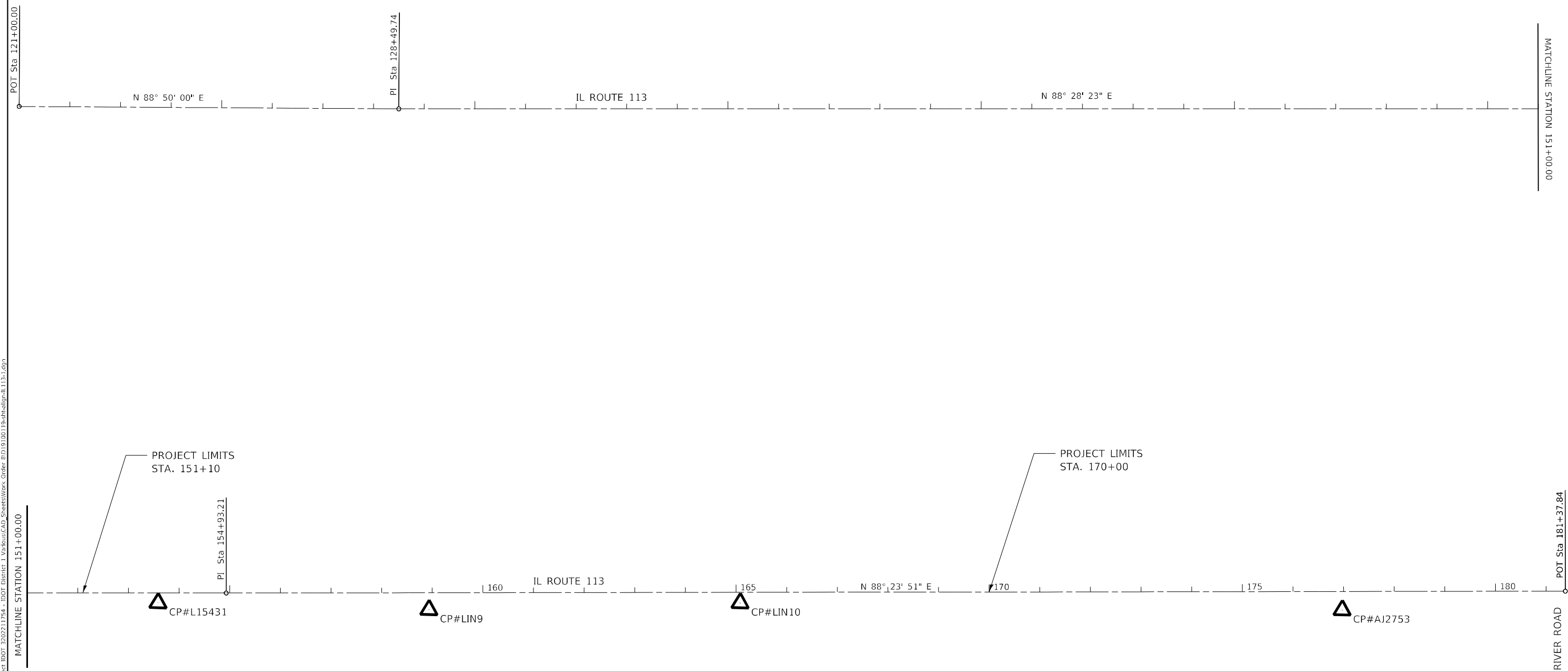
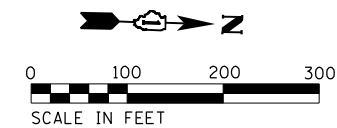
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DRAWN - AAT	REVISIONS -	
PLOT SCALE = 20,0000 * / in.	CHECKED - GSB	REVISED -
PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DIXIE HIGHWAY – HEATHER RD TO BIRCH RD
 TYPICAL SECTIONS

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	11
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



IL ROUTE 113 ALIGNMENT COORDINANTES			
POINT	STATION	NORTHING	EASTING
POT	121+00.00	1673373.1323	1028515.2412
PI	128+49.74	1673388.3960	1029264.8280
PI	154+93.21	1673458.8360	1031907.3580
POT	181+37.84	1673532.7960	1034550.9480

CONTROL POINTS				
POINT	STATION	OFFSET	NORTHING	EASTING
L15431	153+58.67	14.89' R	1673440.3700	1031773.2610
LIN9	158+93.62	28.81' R	1673441.2330	1032308.4140
LIN10	165+08.30	16.43' R	1673470.8030	1032922.5140
AJ2753	176+97.20	31.89' R	1673488.6000	1034111.3800

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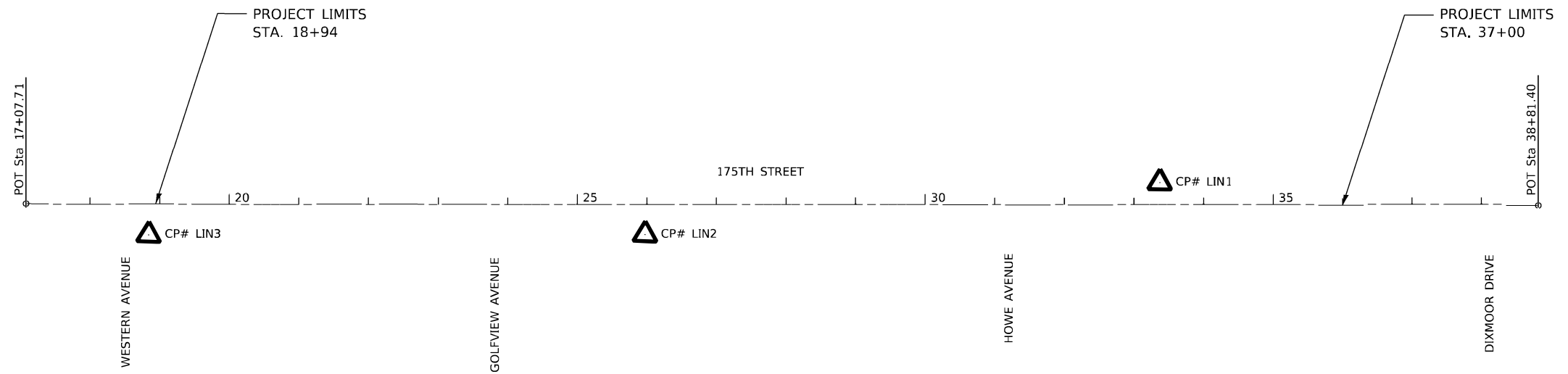
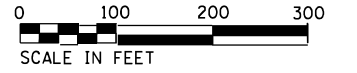
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PLOT DATE = 2/8/2023	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 113: EAST OF SHENK ROAD & WEST OF WEST RIVER ROAD
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 1 OF 3 SHEETS STA. 121+00 TO STA. 181+38

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-05-DR	WILL	125	12
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



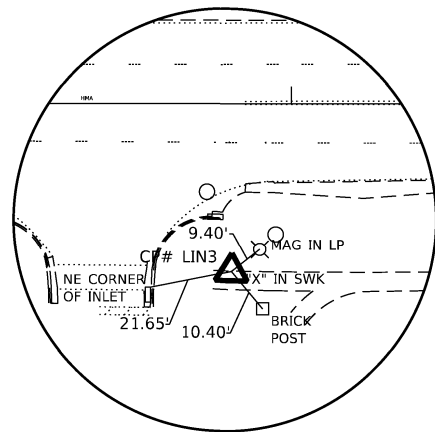
CP.#LIN1
 STA. 33+37.31 31.68 LT
 5/8" REBAR W/CAP

CP.#LIN2
 STA. 128+23.27 27.53 LT
 "X" IN SIDEWALK

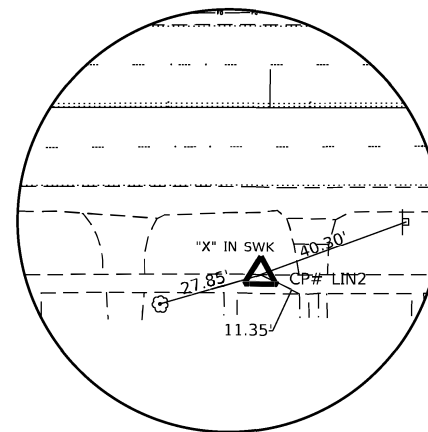
CP.#LIN3
 STA. 120+69.19 31.60 RT
 "X" IN SIDEWALK

BENCHMARK DESCRIPTION
 BM1 - "X" IN SW BOLT OF FH, IN FRONT OF 2125 175TH STREET
 BM2 - "X" IN SW BOLT OF FH, AT SW CORNER OF 175TH AND HOWE AVENUE
 BM3 - "X" IN SW BOLT OF FH AT SW CORNER OF 175TH AND GOLFVIEW AVENUE

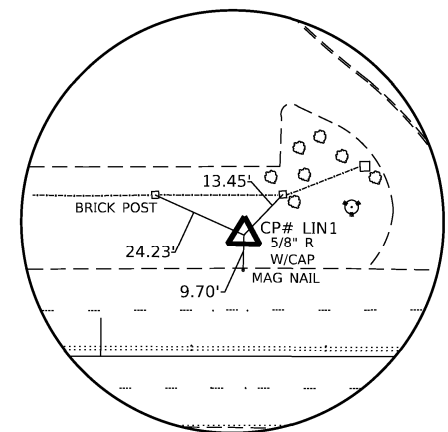
175TH STREET ALIGNMENT COORDINATES			
POINT	STATION	NORTHING	EASTING
POT	17+07.71	1787219.0665	1164240.9707
POT	38+81.40	1787242.5442	1166414.5316



CP #LIN3 STA. 18+84.36 43.75 RT



CP #LIN2 STA. 25+97.50 43.64 RT



CP #LIN1 STA. 33+37.31 31.68 LT

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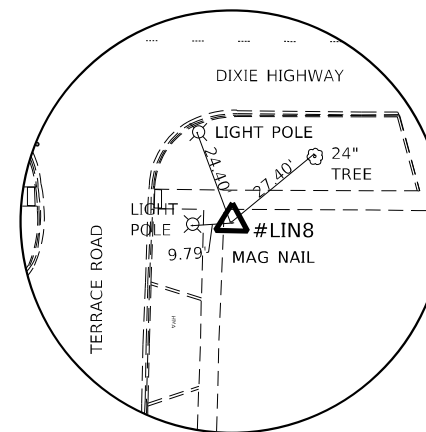
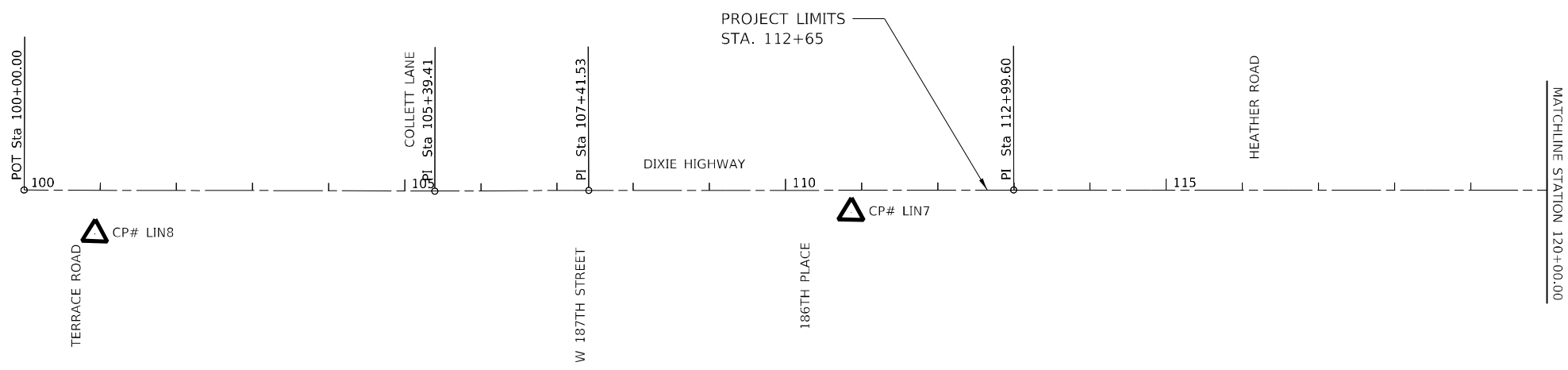
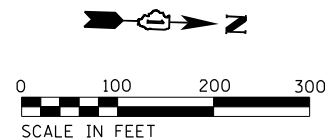
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

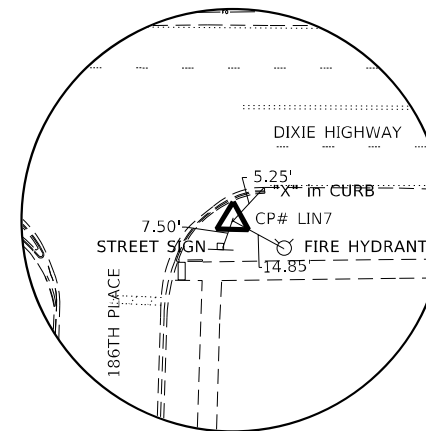
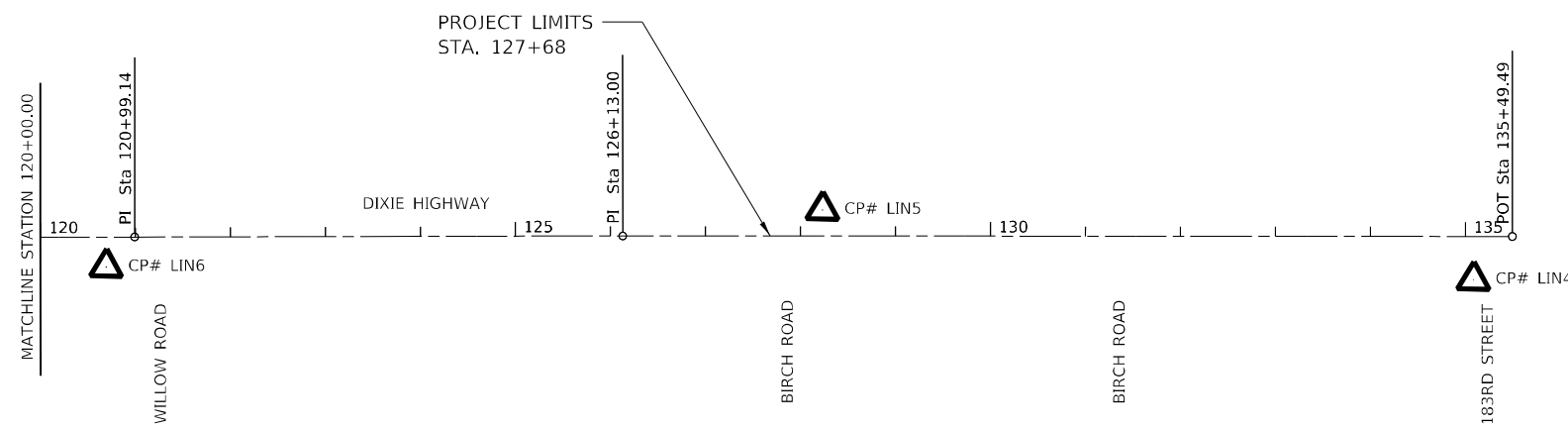
175TH STREET
 ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET 2 OF 3 SHEETS STA. 17+07 TO STA. 38+81

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	13
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



CP #LIN8 STA. 100+93.04 57.30 RT



CP #LIN7 STA. 110+86.11 29.08 RT

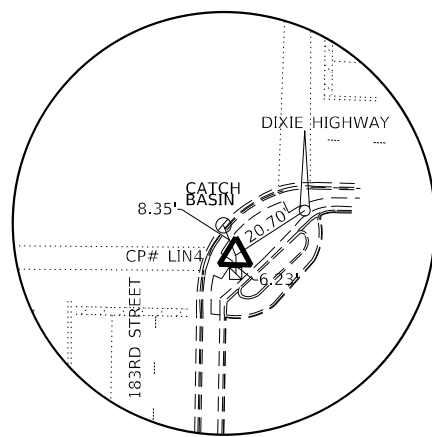
CP.#LIN4
 STA. 135+08.71 45.66 RT
 "X" IN SIDEWALK
 CUT SQUARE IN EAST SIDE OF MAST
 SIGNAL FOUNDATION ON SE CORNER
 OF DIXIE HIGHWAY AND 183RD
 STREET

CP.#LIN5
 STA. 128+23.27 27.53 LT
 "X" IN SIDEWALK
 X IN SE BOLT OF FH IN FRONT OF
 18441 DIXIE HIGHWAY

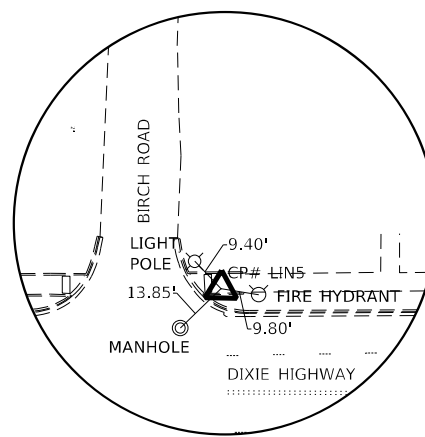
CP.#LIN6
 STA. 120+69.19 31.60 RT
 "X" IN SIDEWALK
 X IN SE BOLT OF FH IN FRONT OF
 18625 DIXIE HIGHWAY

CP.#LIN7
 STA. 110+86.11 29.08 RT
 CUT SQUARE IN WEST SIDE OF L.P.
 FOUNDATION ON NE CORNER OF
 DIXIE HIGHWAY AND 187TH STREET

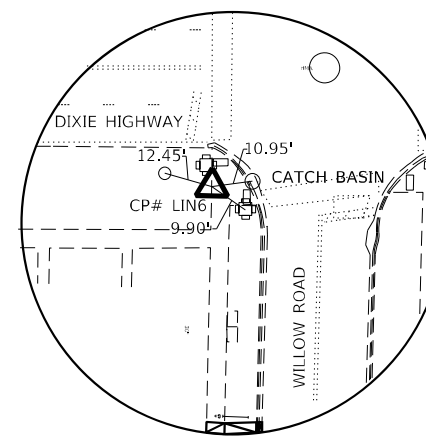
CP.#LIN8
 STA. 100+93.04 57.30 RT
 MAG NAIL IN PARKING LOT



CP #LIN4 STA. 135+08.71 45.66 RT



CP #LIN5 STA. 128+23.27 27.53 LT



CP #LIN6 STA. 120+69.19 31.60 RT

DIXIE HIGHWAY STREET ALIGNMENT COORDINANTES			
POINT	STATION	NORTHING	EASTING
POT	100+00.00	1778496.7410	1167180.3320
PI	105+39.41	1779035.8929	1167163.7764
PI	107+41.53	1779237.8761	1167156.2371
PI	112+99.60	1779795.6200	1167137.1160
PI	120+99.14	1780594.7191	1167110.5775
PI	126+13.00	1781108.2530	1167092.3832
POT	135+49.49	1782044.2500	1167061.7650

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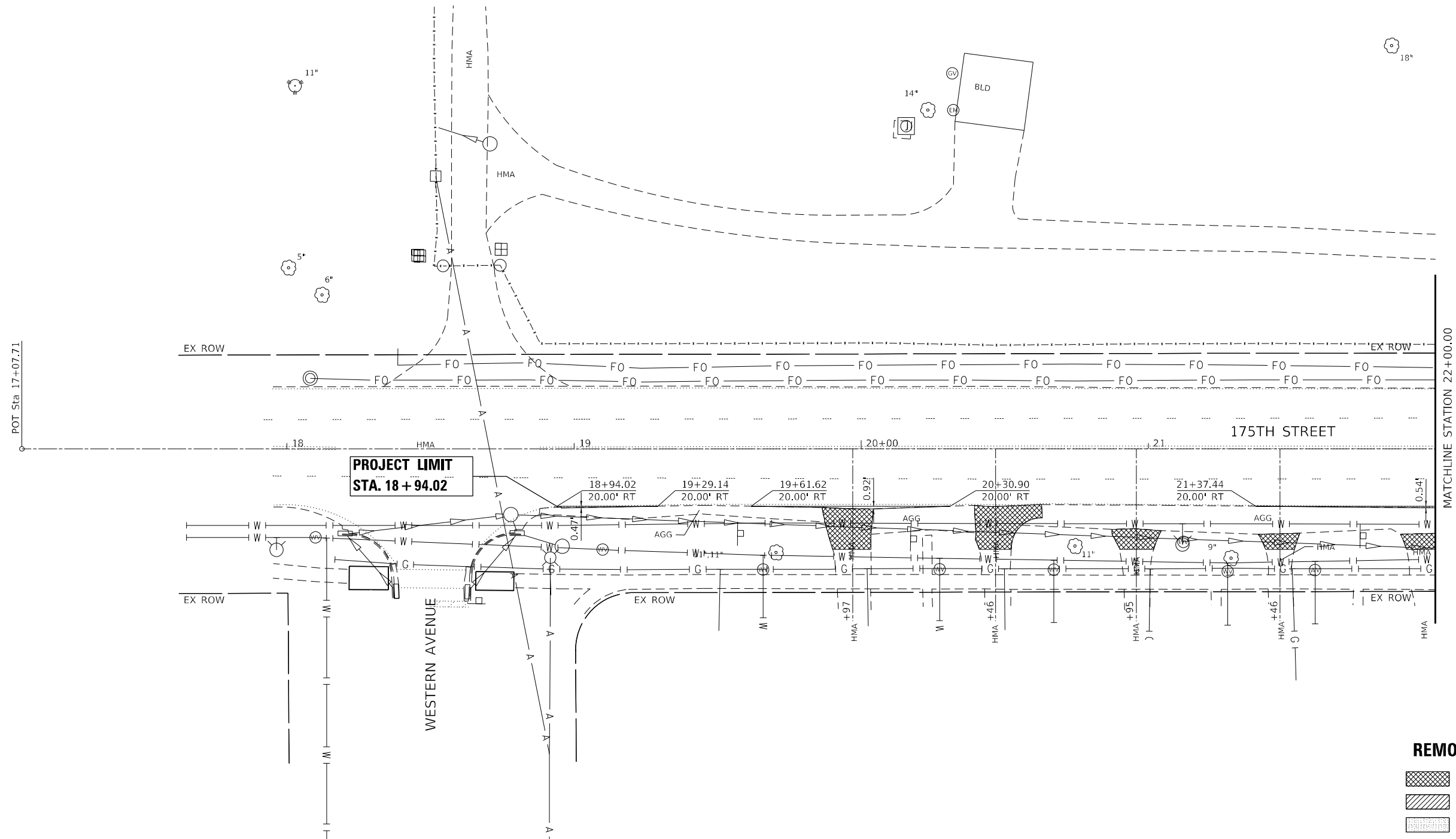
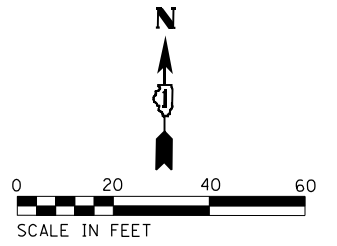
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PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DIXIE HIGHWAY
 ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1"=100' SHEET 3 OF 3 SHEETS STA. 100+00 TO STA. 135+49

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 14
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	



- REMOVAL LEGEND**
- DRIVEWAY REMOVAL
 - SIDEWALK REMOVAL
 - PAVEMENT REMOVAL
 - COMB. CONC. CURB & GUTTER REMOVAL

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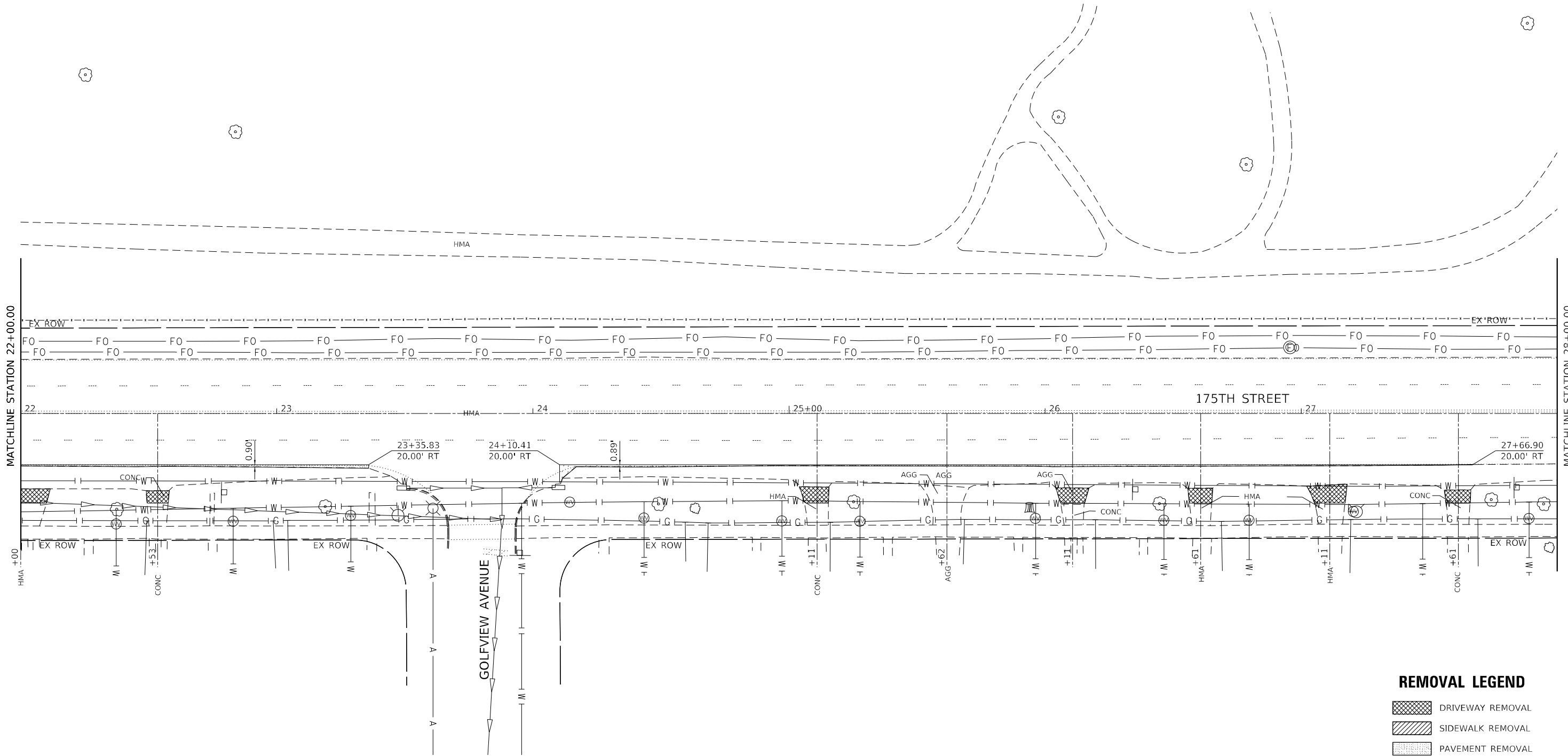
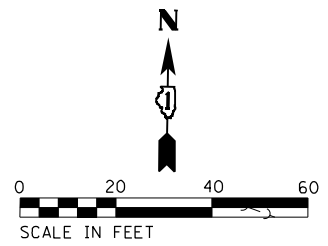
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DRAWN - TC	REVISD -	
PLOT SCALE = 40,0000 * / in.	CHECKED - GSB	REVISD -
PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

175TH STREET – WESTERN AVE TO DIXMOOR DR
REMOVAL PLANS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	15
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 18+94.02 TO STA. 22+00.00



REMOVAL LEGEND

- DRIVEWAY REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- COMB. CONC. CURB & GUTTER REMOVAL

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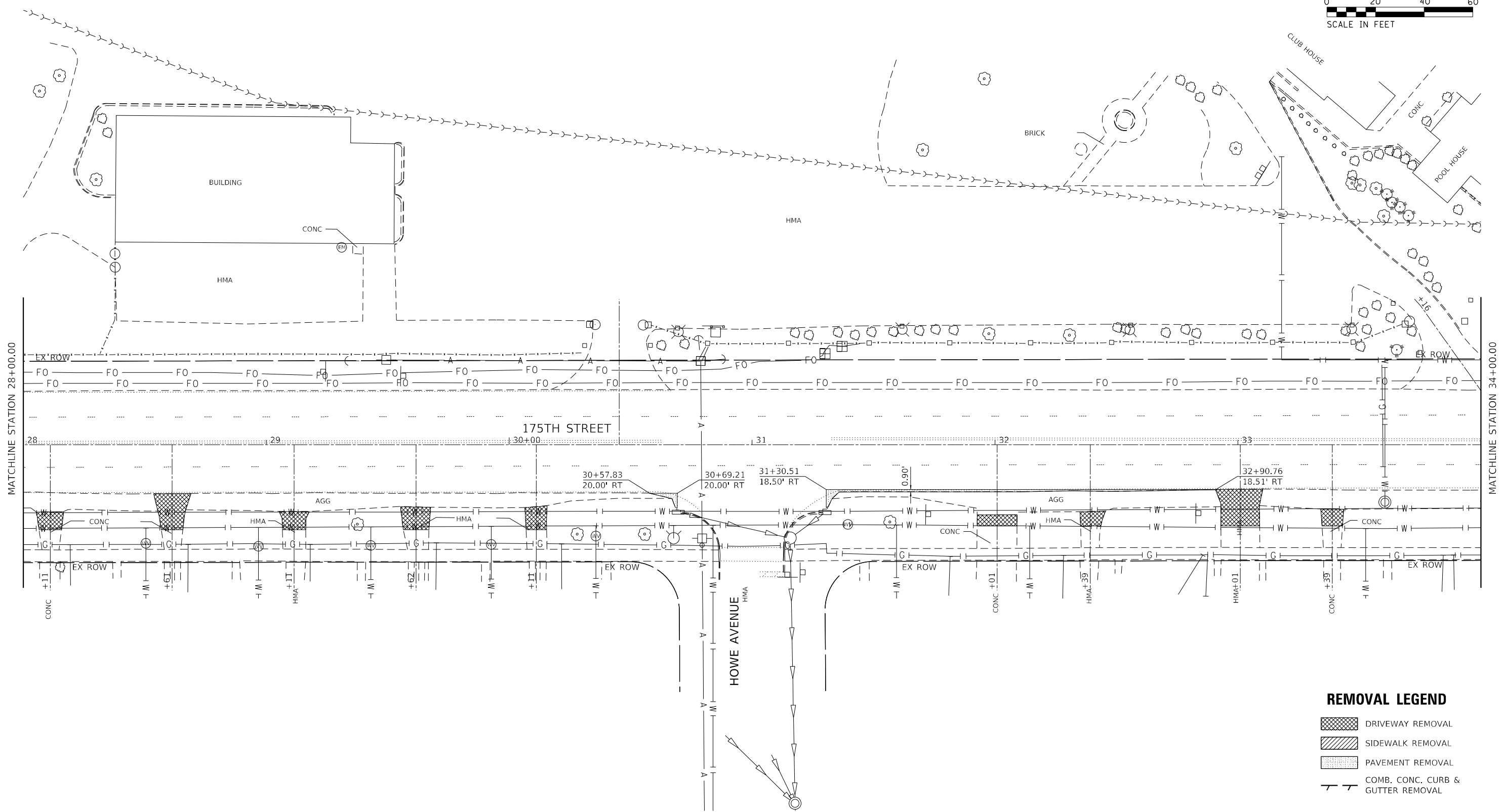
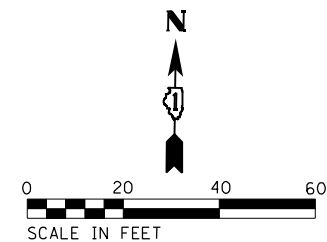
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET – WESTERN AVE TO DIXMOOR DR
REMOVAL PLANS**

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 22+00.00 TO STA. 28+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	16
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

- DRIVEWAY REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- COMB. CONC. CURB & GUTTER REMOVAL

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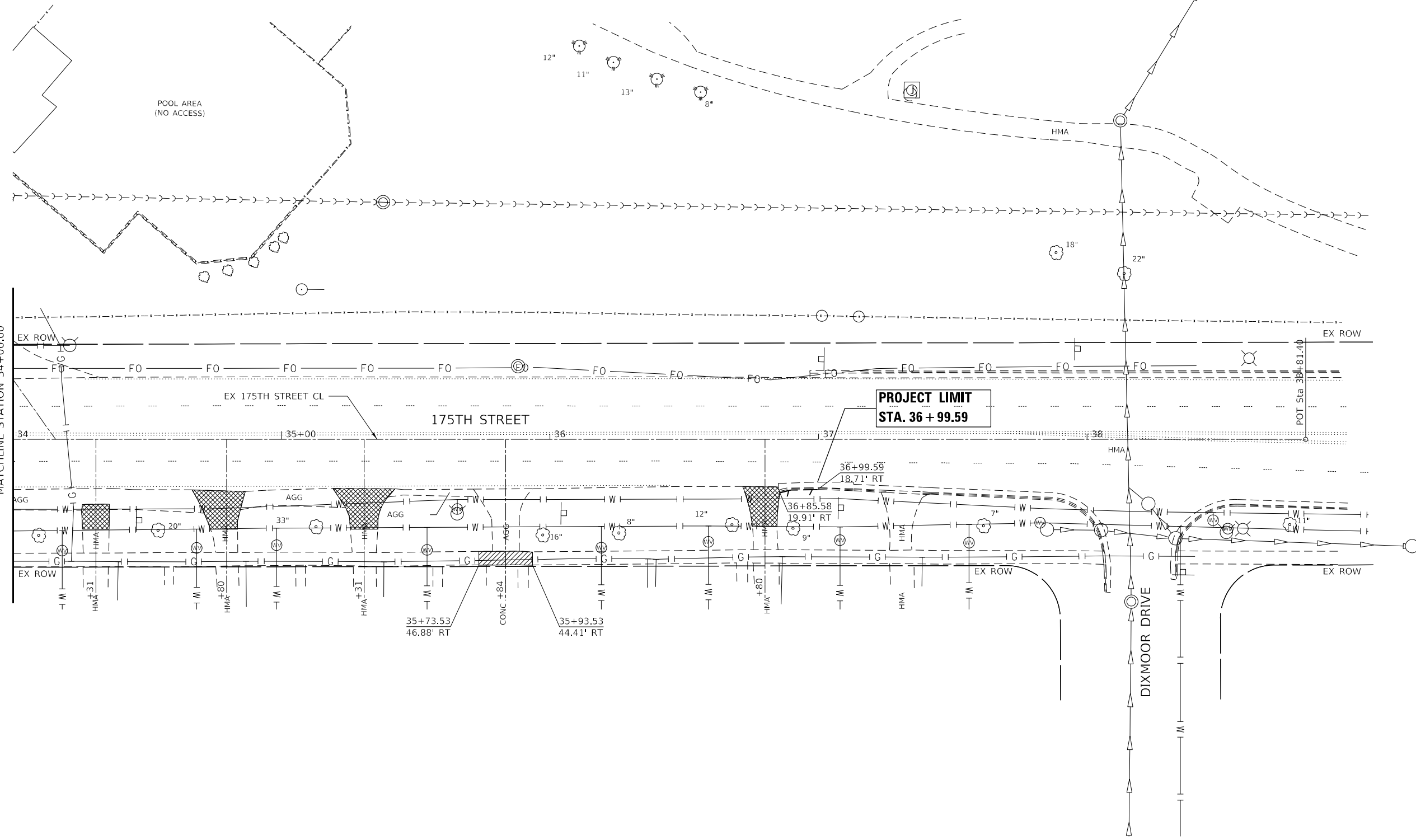
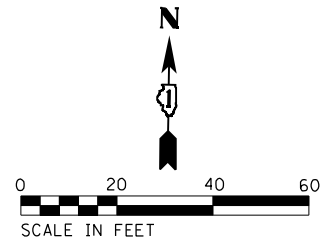
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET – WESTERN AVE TO DIXMOOR DR
REMOVAL PLANS**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 28+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	17
CONTRACT NO. 62N86				
ILLINOIS		FED. AID PROJECT		



REMOVAL LEGEND

- DRIVEWAY REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- COMB. CONC. CURB & GUTTER REMOVAL

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USER NAME = tlm.chin	DESIGNED - TC	REVISD -
DRAWN - TC	REVISD -	
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PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

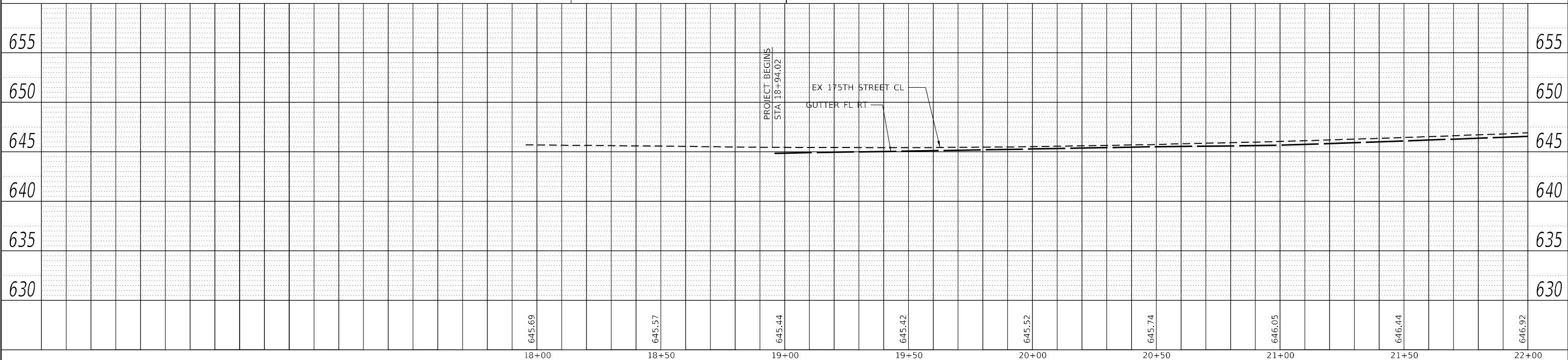
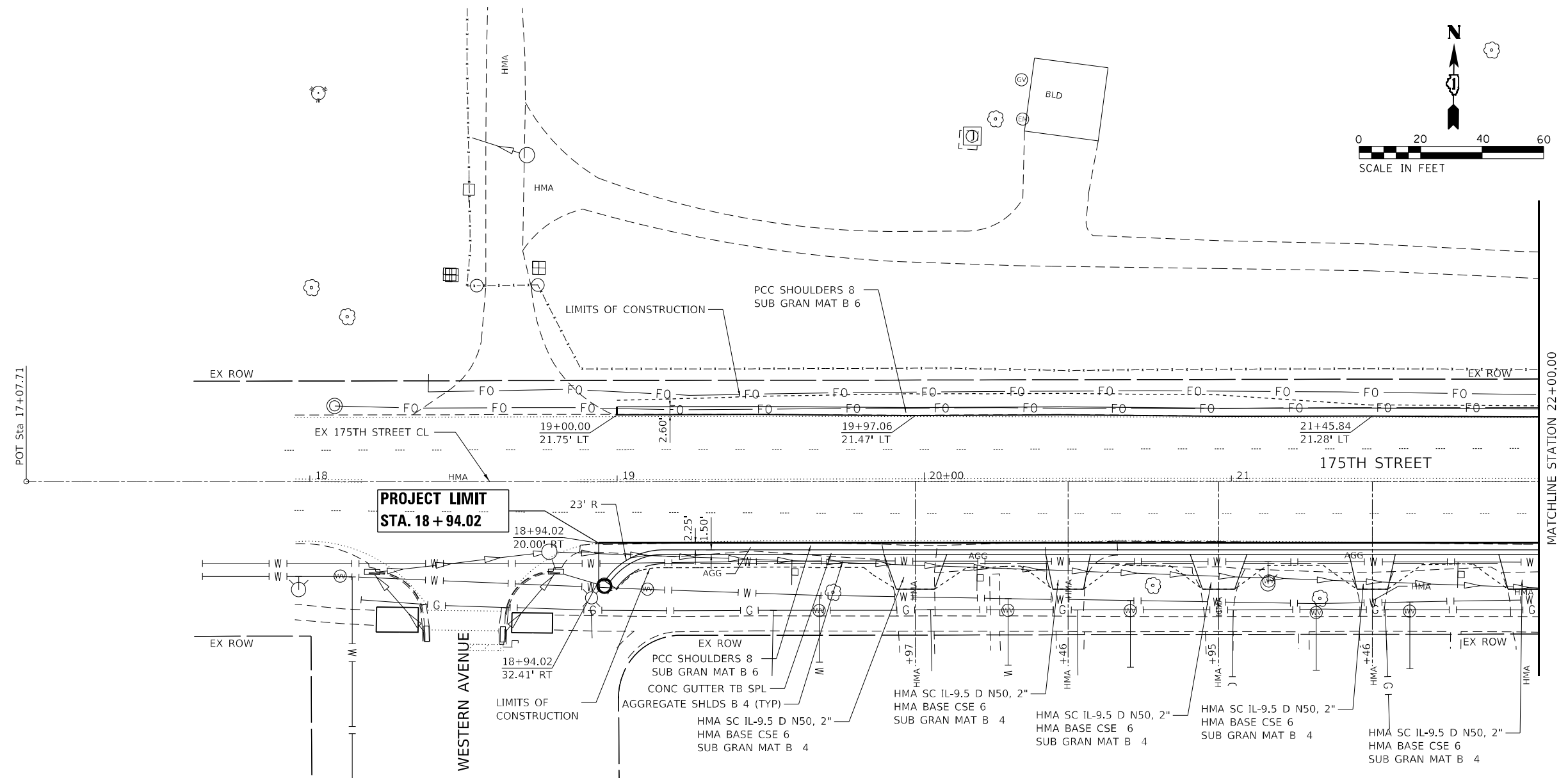
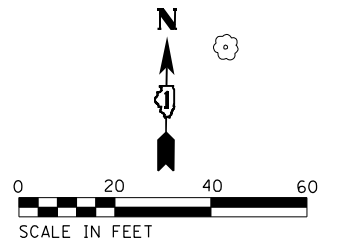
175TH STREET – WESTERN AVE TO DIXMOOR DR REMOVAL PLANS			
SCALE: 1"=20'	SHEET 4	OF 4 SHEETS	STA. 34+00.00 TO STA. 36+99.59

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	18
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

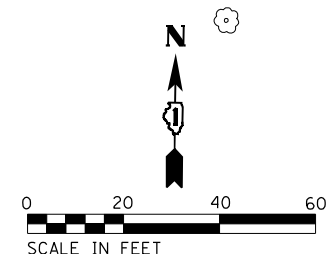
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	PLOTTED	BY
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	PLOTTED	BY
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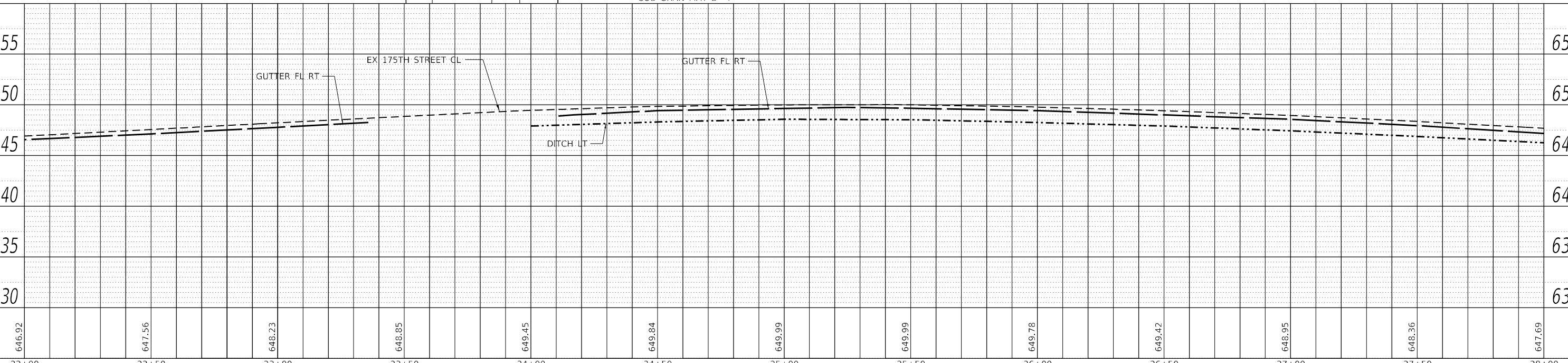
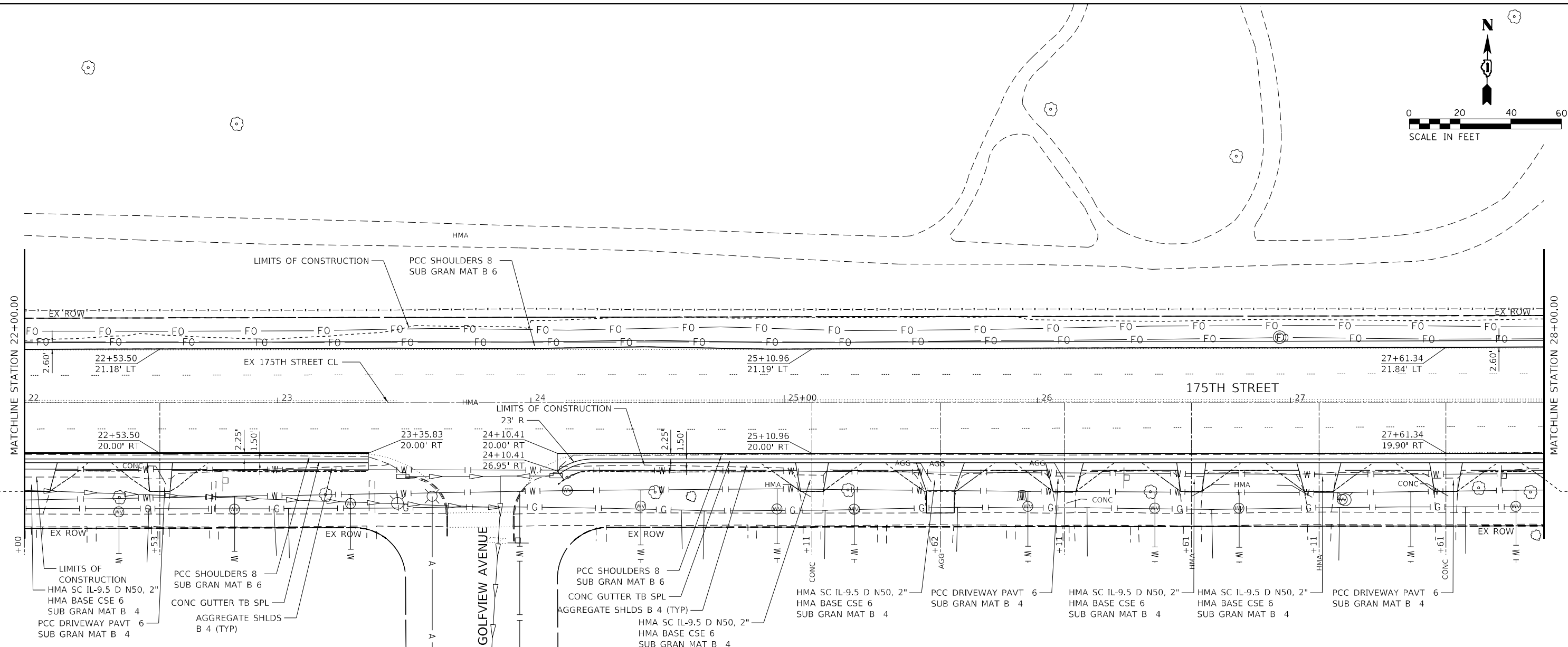
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	PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISIED -					CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	



DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
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DRAWN	- TC
CHECKED	- GSB
DATE	- 2/10/2023
REVISIONS	
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DATE	
BY	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET - WESTERN AVE TO DIXMOOR DR
PLAN & PROFILE**

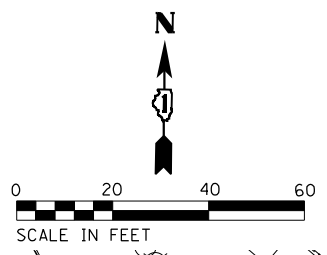
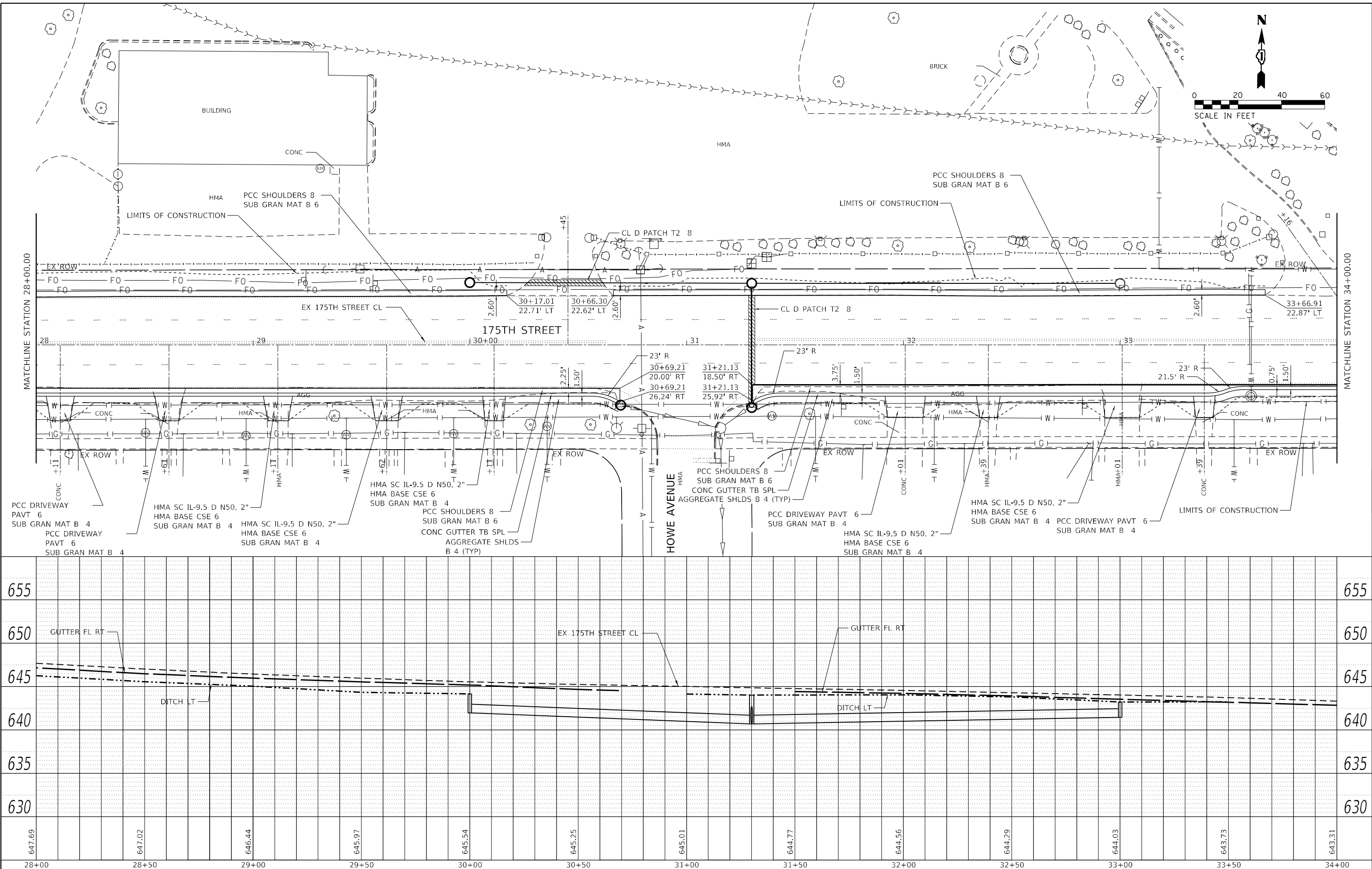
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1618	2021-055-DR	COOK	125	20
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 22+00.00 TO STA. 28+00.00

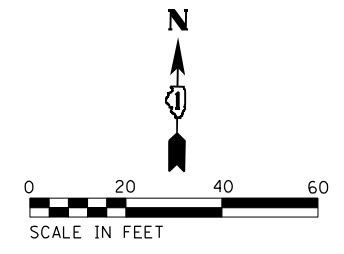
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 PROJECT: 2021-055-DR
 SHEET: 125
 CONTRACT: 62N86



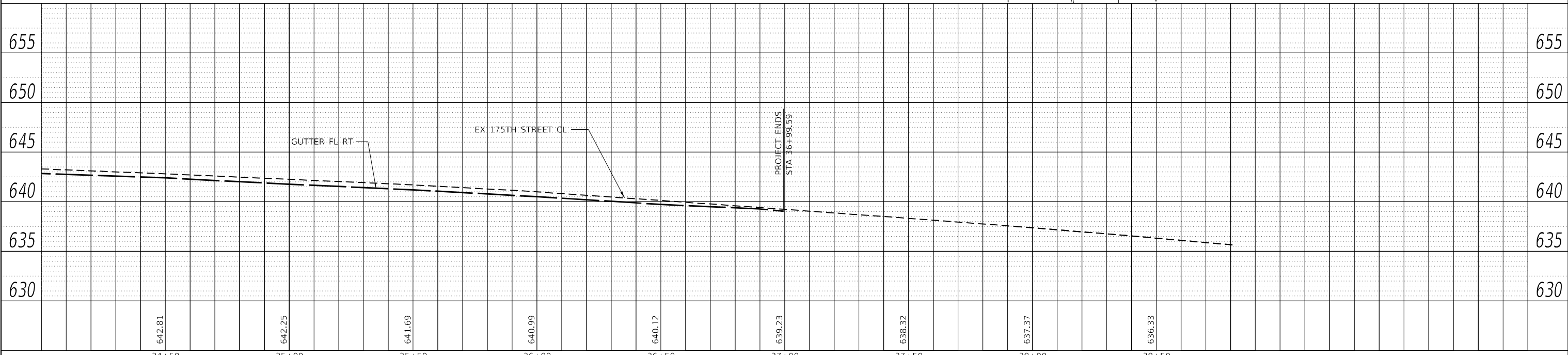
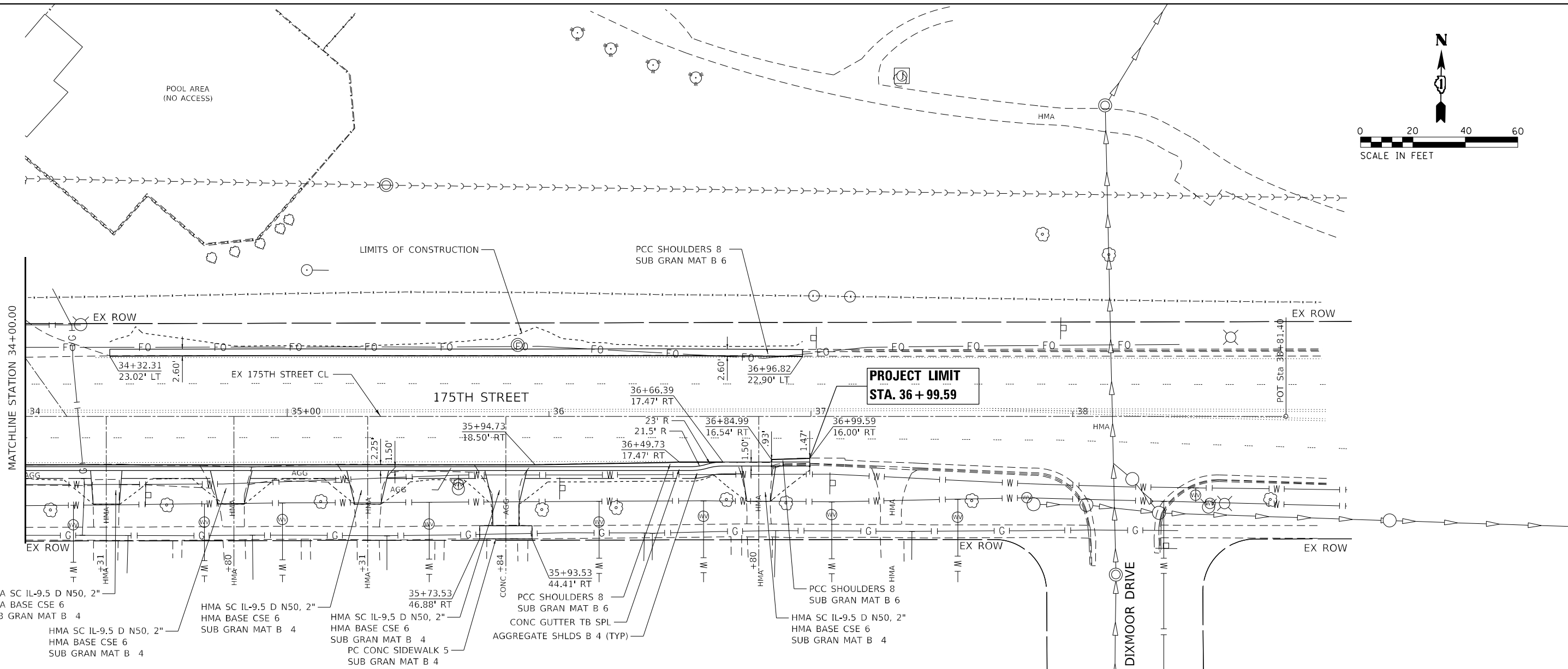
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	PLLOT DATE = 2/10/2023	DATE - 2/10/2023	REVISED -					CONTRACT NO. 62N86		ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
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	ALIGNED	
	CHECKED	
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	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
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 SHEET: 4 OF 4
 DATE: 2/10/2023



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DESIGNED	- TC
DRAWN	- TC
CHECKED	- GSB
DATE	- 2/10/2023
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

175TH STREET - WESTERN AVE TO DIXMOOR DR			
PLAN & PROFILE			
SCALE: 1"=20'	SHEET 4	OF 4 SHEETS	STA. 34+00.00 TO STA. 36+99.59

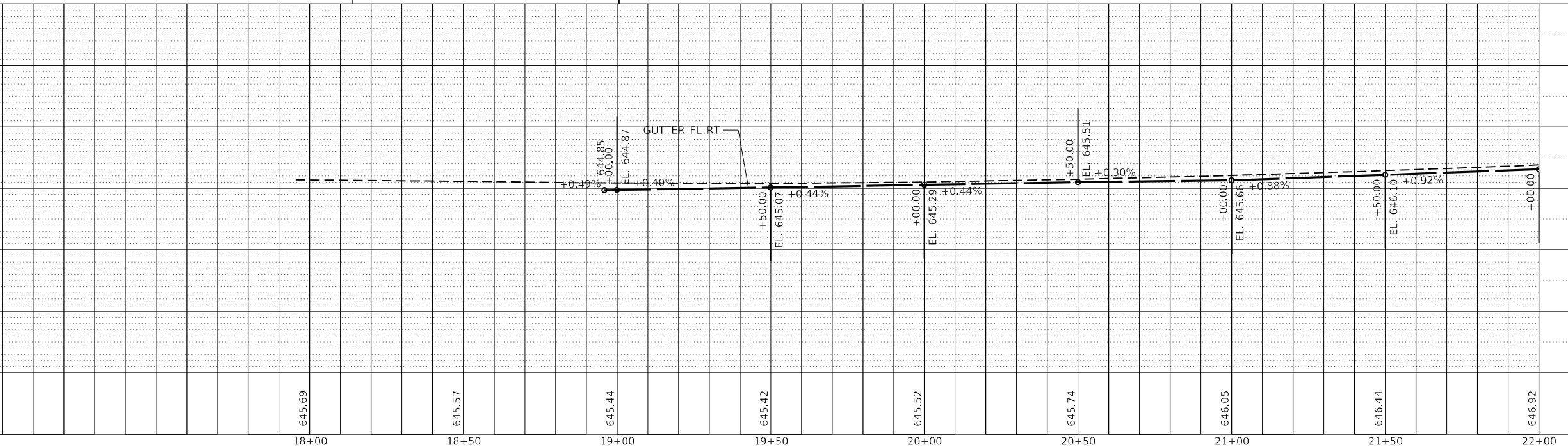
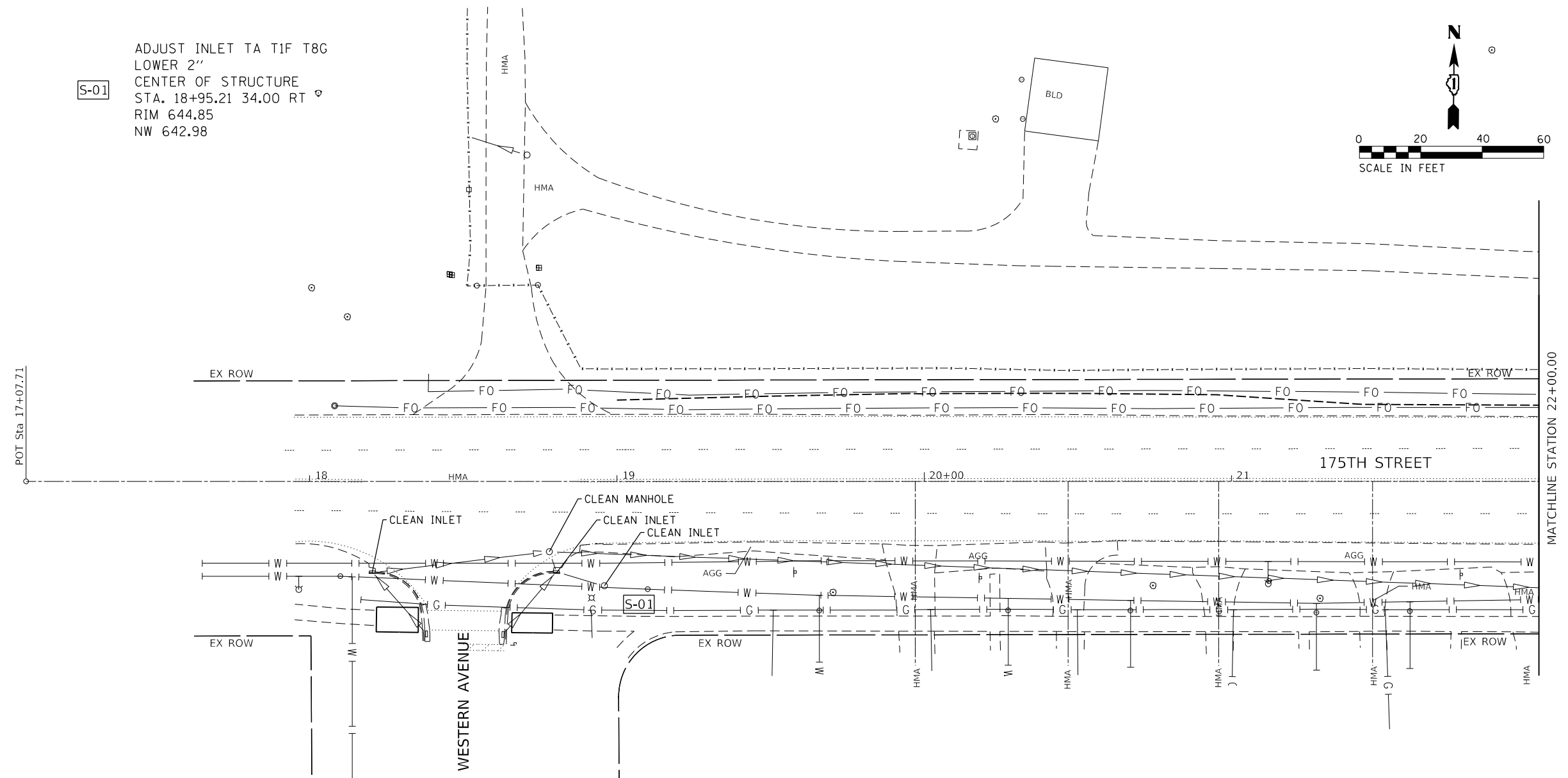
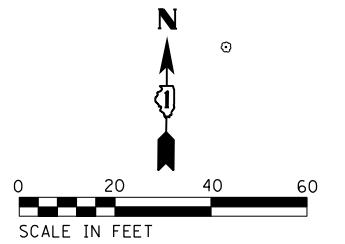
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	22
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	
	BY	

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S-01
 ADJUST INLET TA T1F T8G
 LOWER 2"
 CENTER OF STRUCTURE
 STA. 18+95.21 34.00 RT
 RIM 644.85
 NW 642.98



USER NAME	= todd,williams
DESIGNED	- TDW
DRAWN	- MRB
CHECKED	- MSM
DATE	- 2/10/2023
PLOT SCALE	= 40,0000' / in.
PLOT DATE	= 2/6/2023

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

175TH STREET - WESTERN AVE TO DIXMOOR DR
 DRAINAGE PLAN AND PROFILE

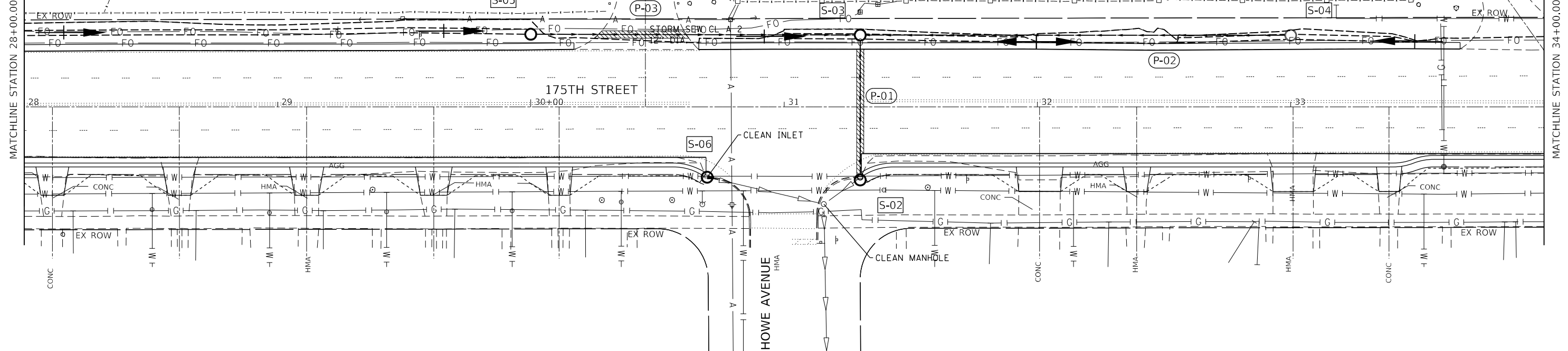
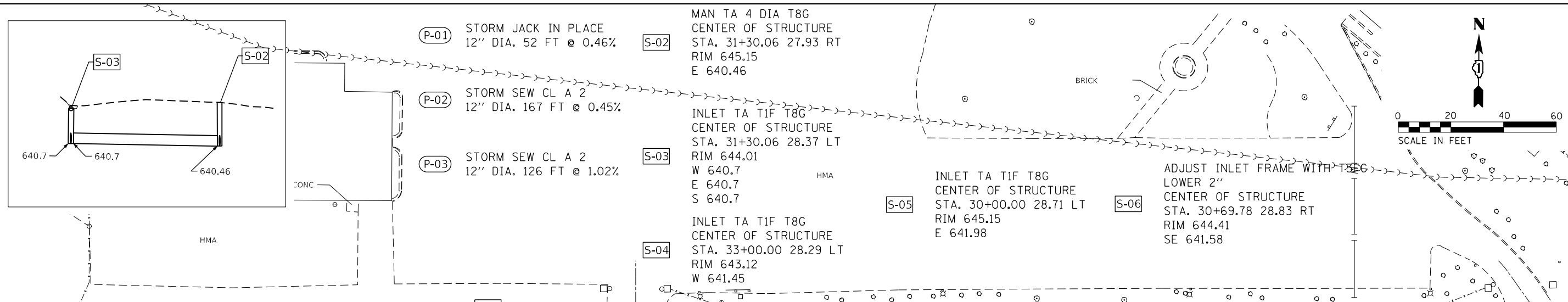
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	23
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATION SPRD	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
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	NO.	
	FILE NAME	

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647.69	647.02	646.44	645.97	645.54	645.25	645.01	644.77	644.56	644.29	644.03	643.73	643.31
EL. 646.25	EL. 645.56	EL. 645.04	EL. 644.33	EL. 644.15	EL. 644.03	EL. 643.82	EL. 643.72	EL. 643.54	EL. 643.27	EL. 643.20	EL. 643.13	EL. 643.00
+50.00	+50.00	+00.00	+50.00	+00.00	+50.00	+50.00	+50.00	+00.00	+50.00	+50.00	+50.00	+00.00
-1.38%	-1.00%	-0.88%	-1.42%	-0.36%	-1.04%	-0.69%	-0.43%	+0.10%	+0.02%	-0.42%	-0.60%	-0.76%
EL. 647.17	EL. 646.48	EL. 645.98	EL. 645.54	EL. 645.19	EL. 644.67	EL. 644.14	EL. 644.01	EL. 643.92	EL. 643.54	EL. 643.20	EL. 643.13	EL. 643.00
GUTTER FL RT	DITCH LT											

28+00	28+50	29+00	29+50	30+00	30+50	31+00	31+50	32+00	32+50	33+00	33+50	34+00
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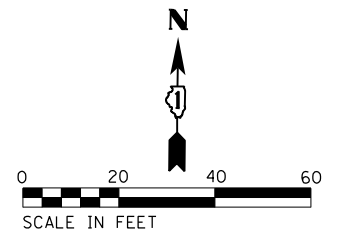
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	DATE - 2/10/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

175TH STREET - WESTERN AVE TO DIXMOOR DR
 DRAINAGE PLAN AND PROFILE

SCALE: 1"=20'
 SHEET 3 OF 4 SHEETS
 STA. 28+00.00 TO STA. 34+00.00

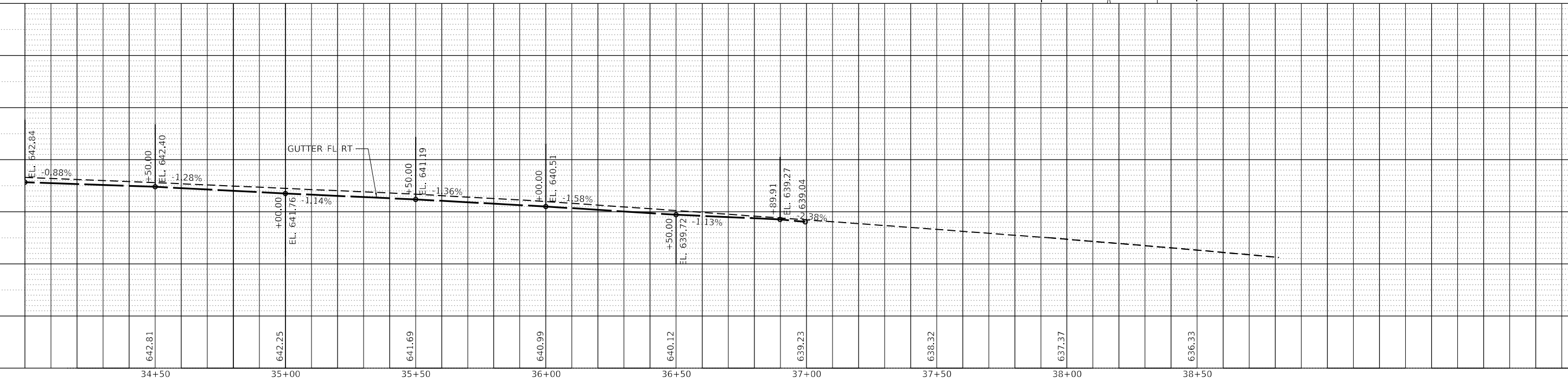
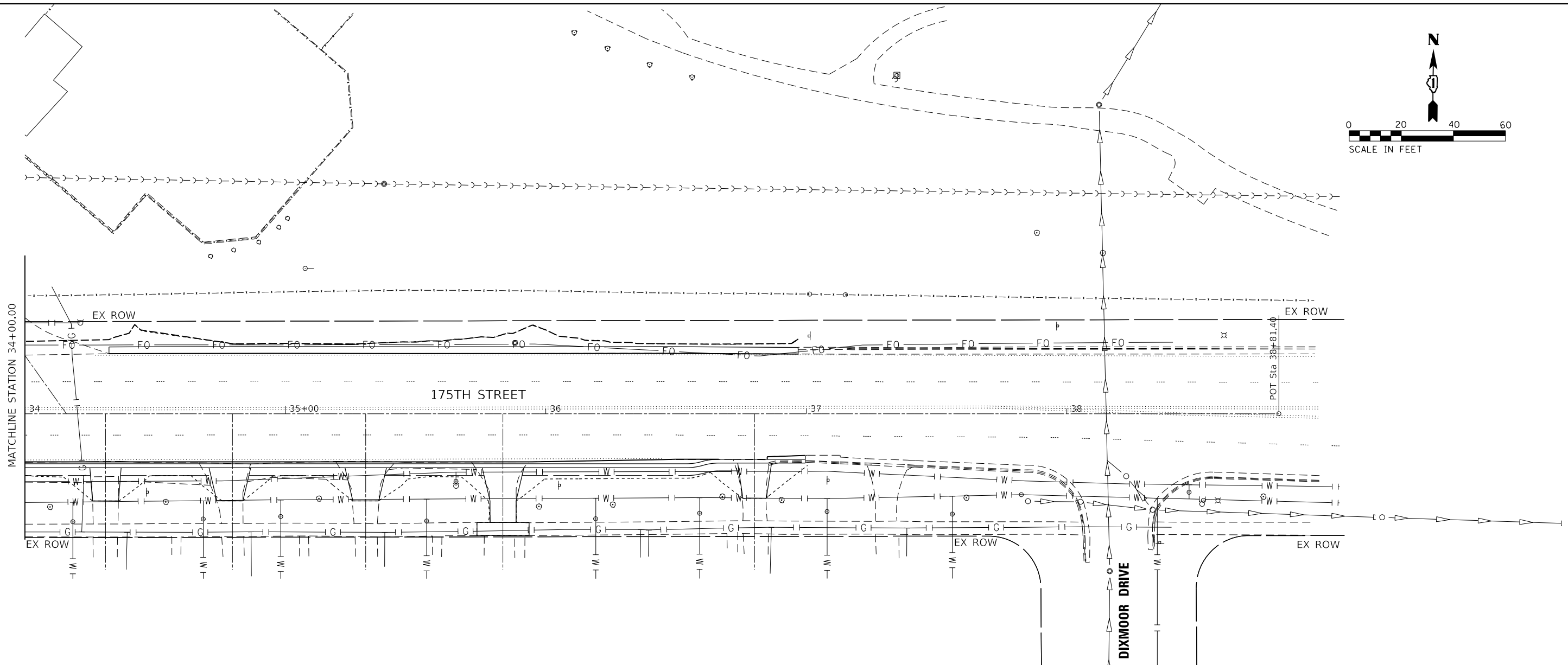
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CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CIPRD	
	NOTE BOOK NO.	
	ECAD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CIPRD	
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	ECAD FILE NAME	

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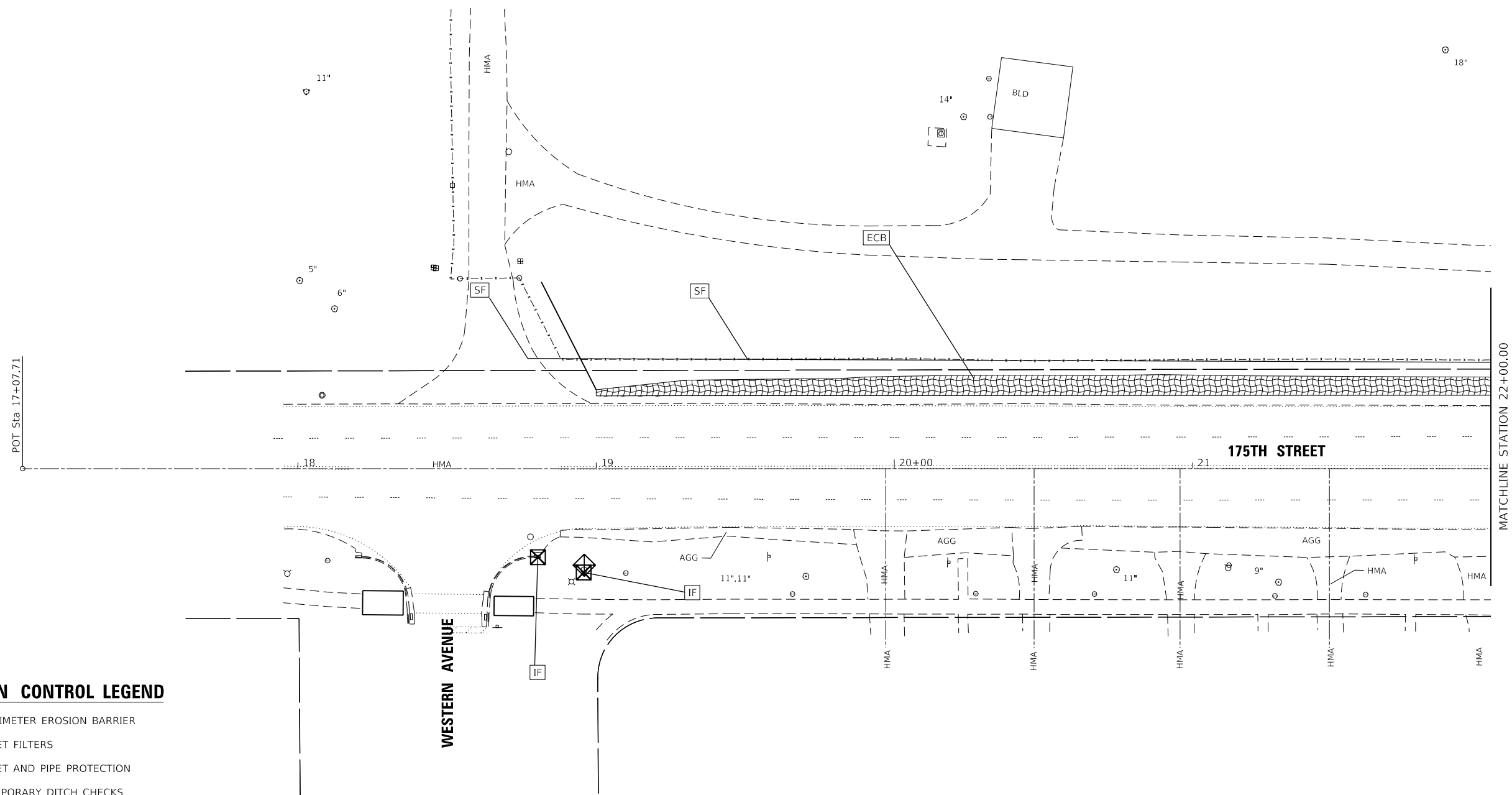
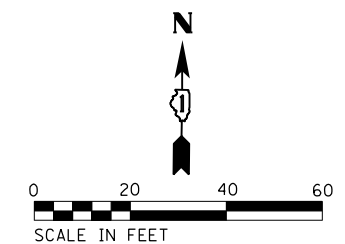
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET - WESTERN AVE TO DIXMOOR DR
DRAINAGE PLAN AND PROFILE**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 34+00.00 TO STA. 36+99.59

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	26
CONTRACT NO. 62N86				
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
- ECB - TEMPORARY EROSION CONTROL BLANKET
- HDB - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- C - PROPOSED GRADING LIMITS

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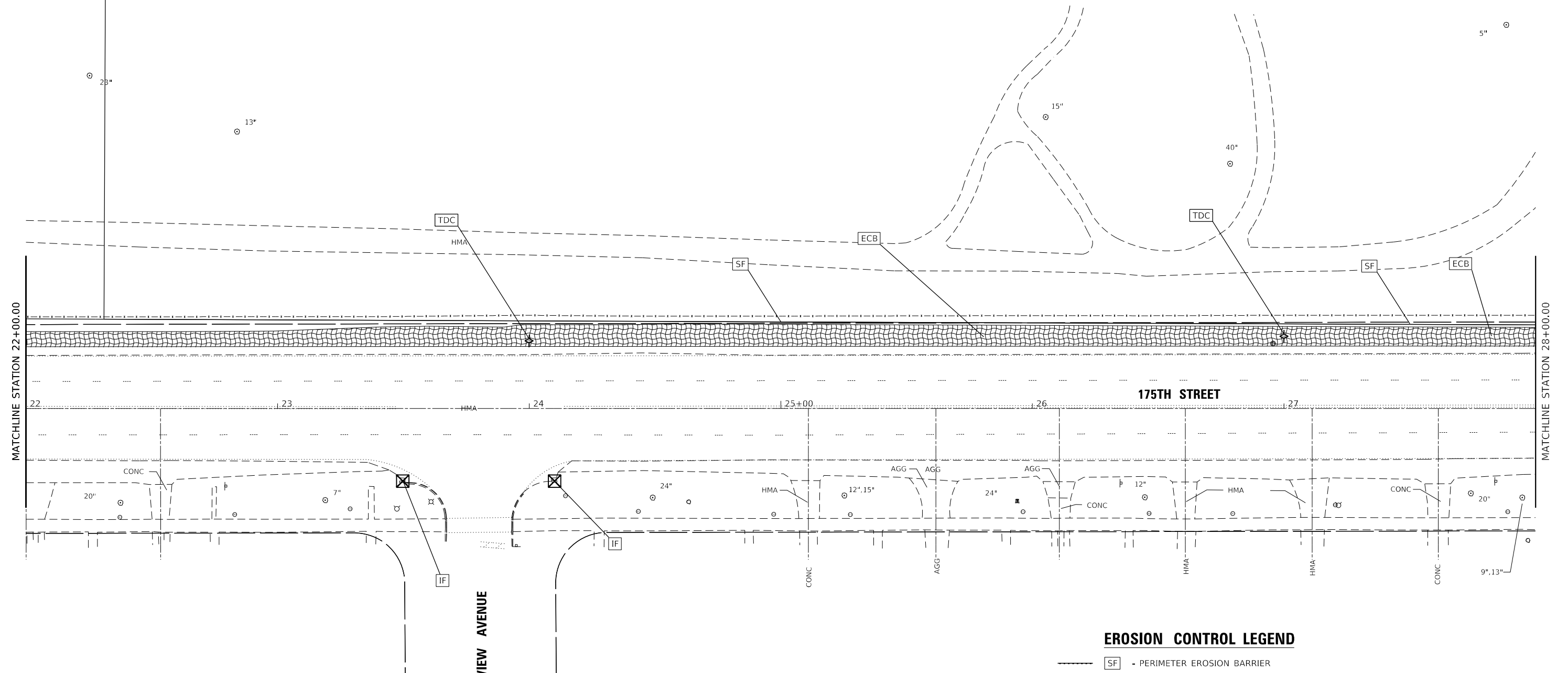
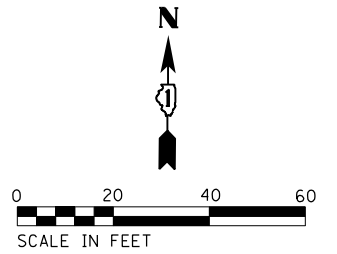
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PLOT DATE = 2/6/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET – WESTERN AVE TO DIXMOOR DR
EROSION CONTROL PLAN**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 18+94.02 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



- EROSION CONTROL LEGEND**
- SF - PERIMETER EROSION BARRIER
 - IF - INLET FILTERS
 - IPP - INLET AND PIPE PROTECTION
 - TDC - TEMPORARY DITCH CHECKS
 - ECB - TEMPORARY EROSION CONTROL BLANKET
 - HDB - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
 - PROPOSED GRADING LIMITS

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 PROJECT: 175th Street - Western Ave to Dixmoor Dr
 DRAWN: MRB
 CHECKED: MSM
 DATE: 2/10/2023



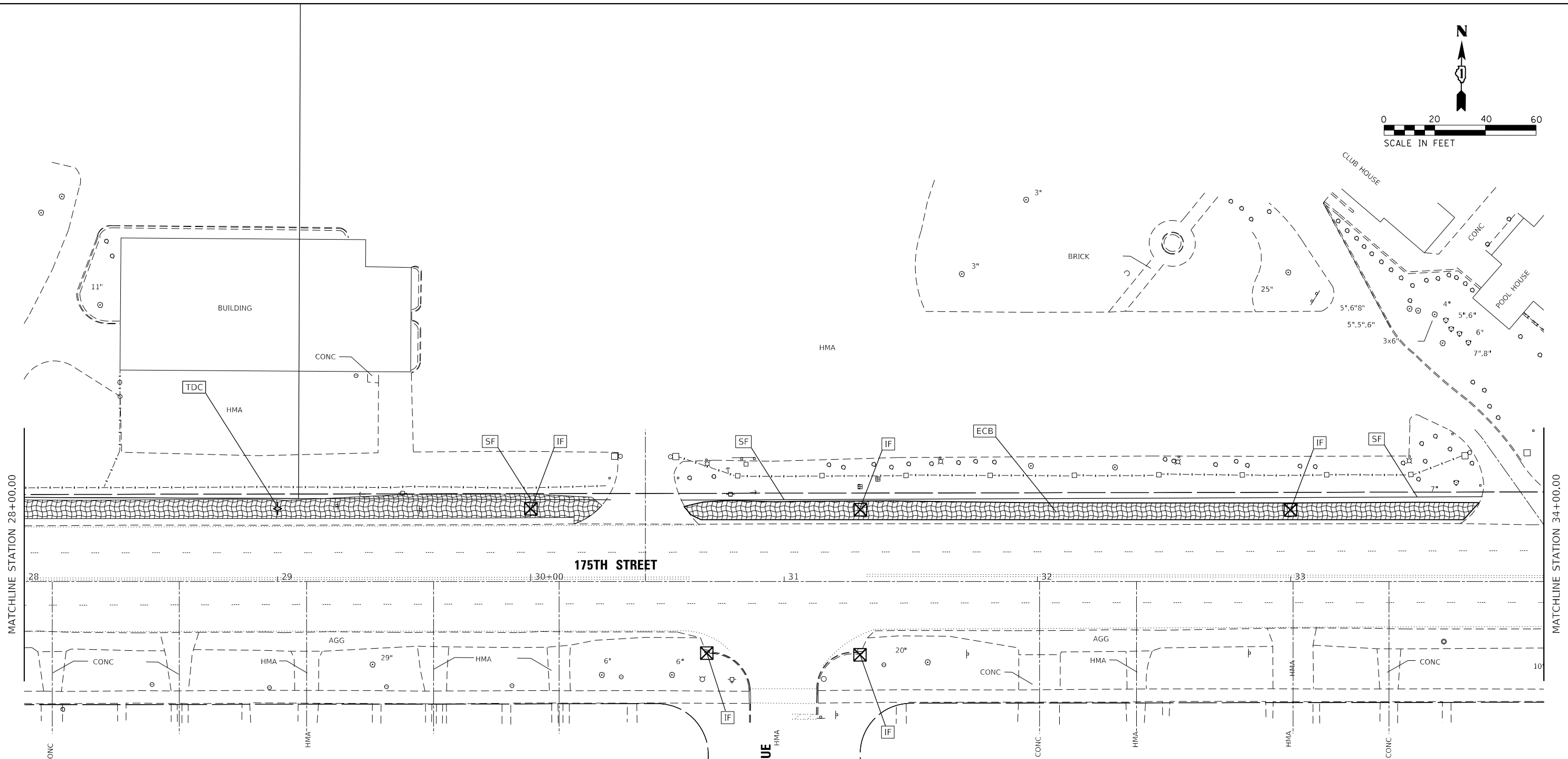
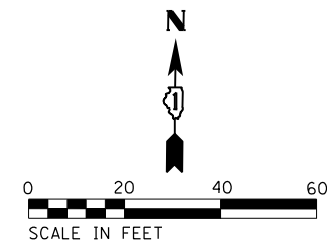
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PLOT DATE = 2/6/2023	CHECKED - MSM	REVISIONS
	DATE - 2/10/2023	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

175TH STREET - WESTERN AVE TO DIXMOOR DR
EROSION CONTROL PLAN

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 22+00.00 TO STA. 28+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	28
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

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

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 SHEET: 175th Street - Western Ave to Dixmoor Dr - Erosion Control Plan
 DATE: 2/10/2023
 USER: todd.williams



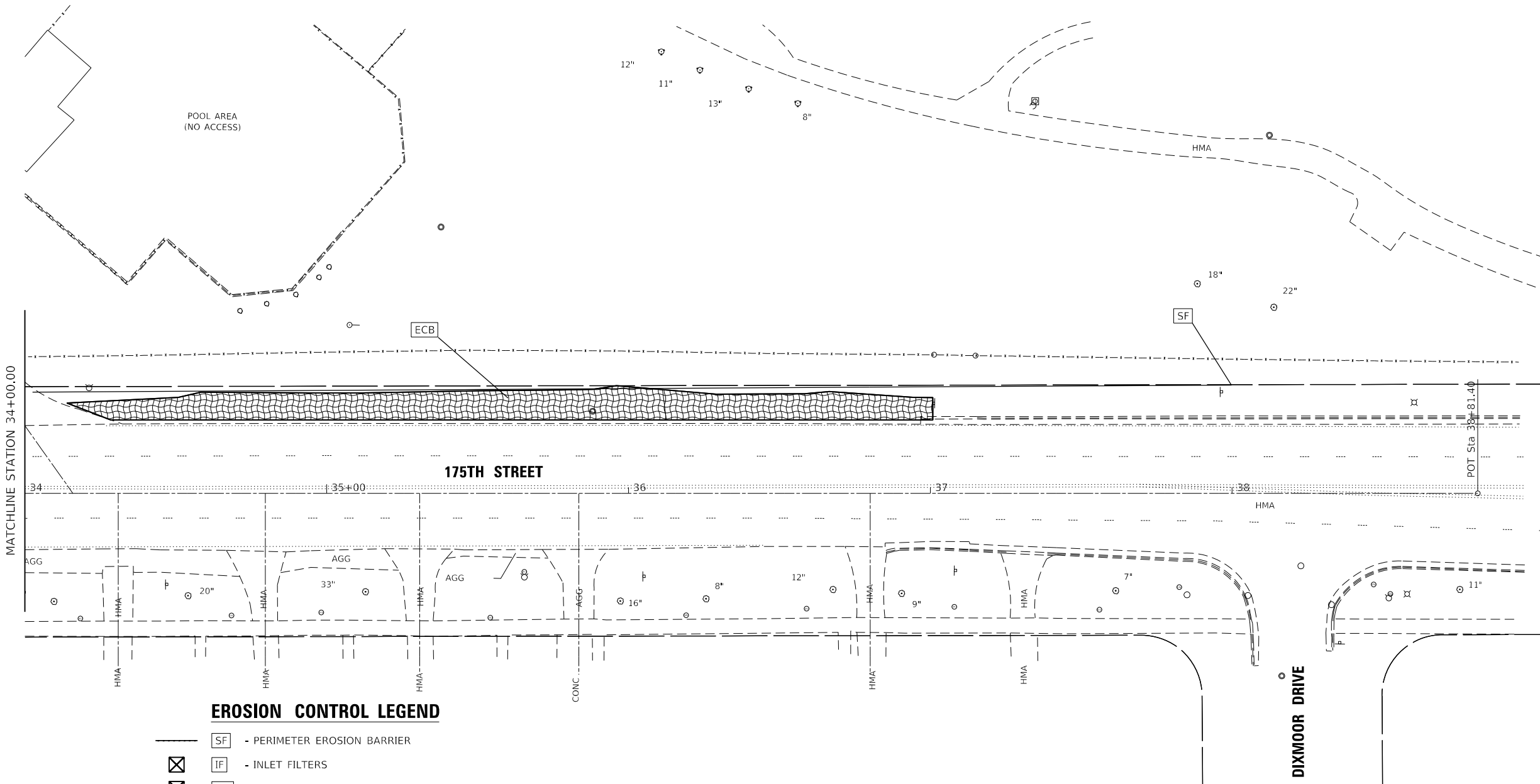
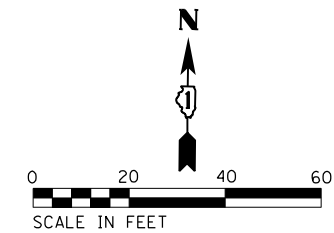
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PLOT DATE = 2/6/2023	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET – WESTERN AVE TO DIXMOOR DR
EROSION CONTROL PLAN**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 28+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	29
CONTRACT NO. 62N86				
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
- ▨ ECB — TEMPORARY EROSION CONTROL BLANKET
- ▩ HDB — TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- C — PROPOSED GRADING LIMITS

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 SHEET: 4 OF 4
 DATE: 2/10/2023
 DRAWN: MRB
 CHECKED: MSM
 DESIGNED: TDW
 REVISIONS:



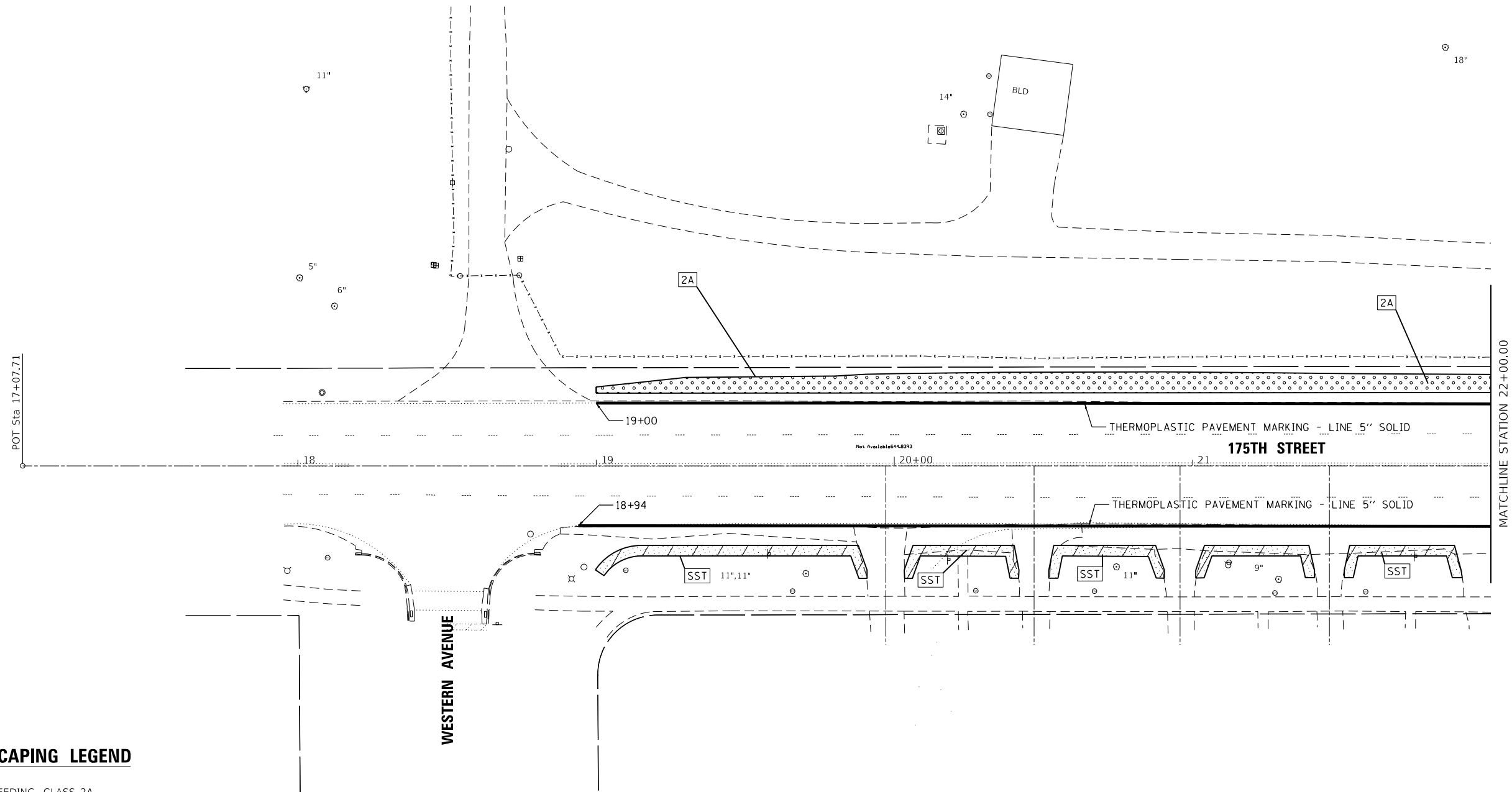
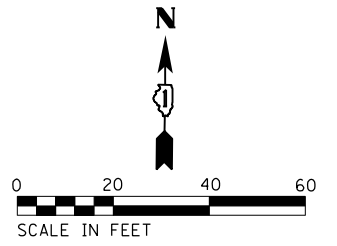
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PLOT DATE = 2/6/2023	CHECKED - MSM	REVISED -
	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET – WESTERN AVE TO DIXMOOR DR
EROSION CONTROL PLAN**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 34+00.00 TO STA. 36+99.59

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	30
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

- 2A SEEDING, CLASS 2A
EROSION CONTROL BLANKET
- 4 SEEDING, CLASS 4
HEAVY DUTY EROSION CONTROL BLANKET
- SST SOD, SALT TOLERANT

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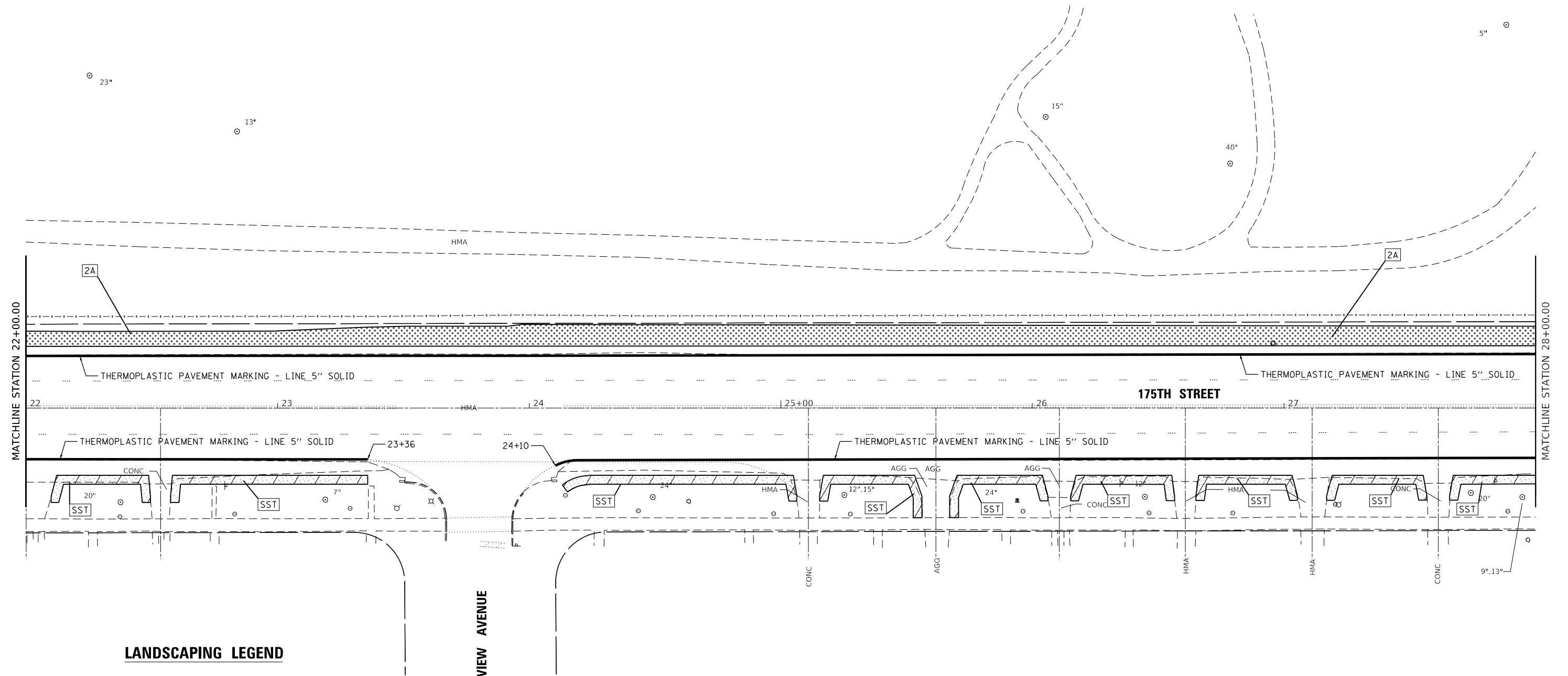
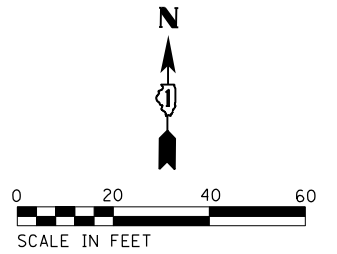
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PLOT DATE = 2/6/2023	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET – WESTERN AVE TO DIXMOOR DR
PAVEMENT MARKING AND LANDSCAPING PLAN**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 18+94.02 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



LANDSCAPING LEGEND

- SEEDING, CLASS 2A
EROSION CONTROL BLANKET
- SEEDING, CLASS 4
HEAVY DUTY EROSION CONTROL BLANKET
- SOD, SALT TOLERANT

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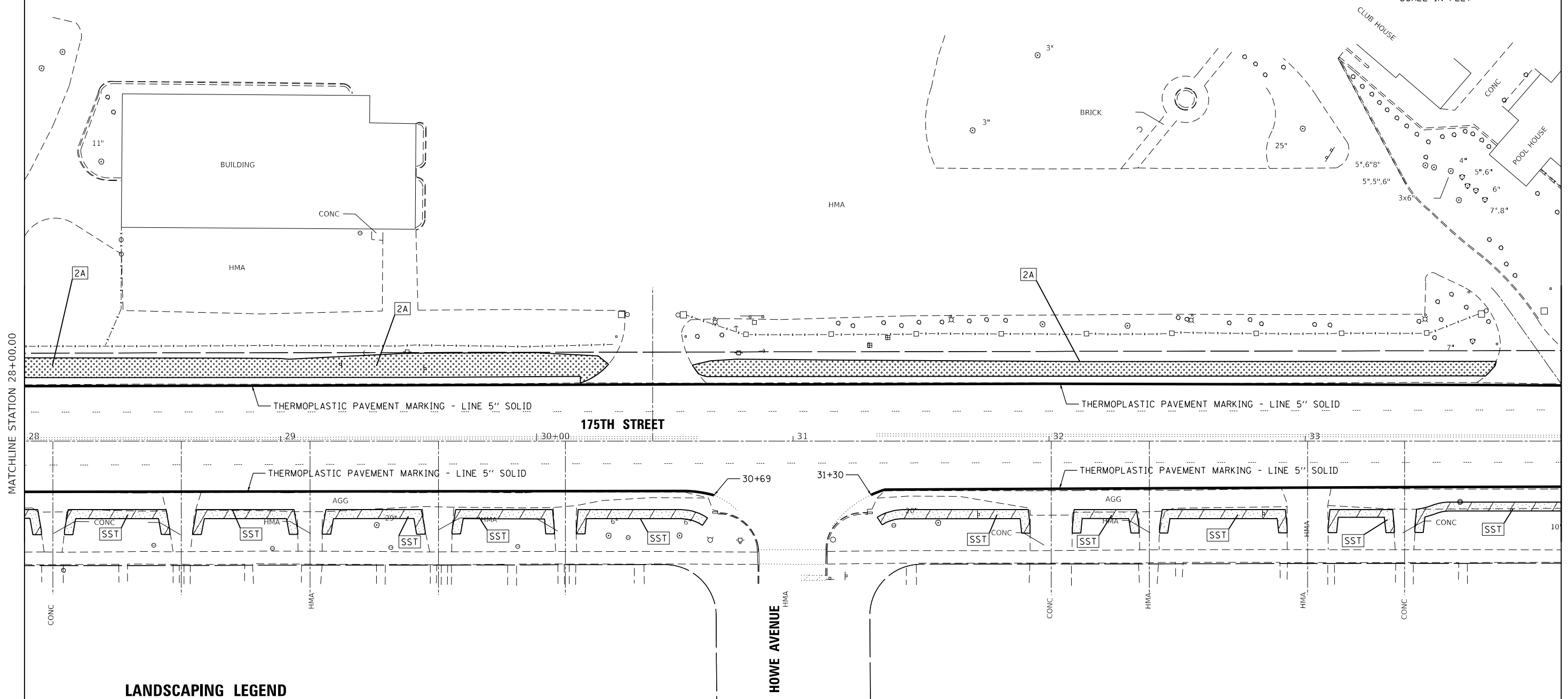
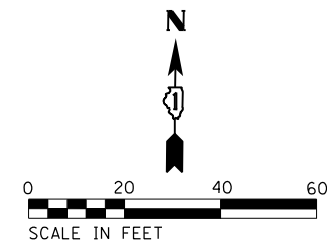
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PLOT DATE = 2/6/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET – WESTERN AVE TO DIXMOOR DR
PAVEMENT MARKING AND LANDSCAPE PLAN**

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 22+00.00 TO STA. 28+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	32
CONTRACT NO. 62N86				
ILLINOIS		FED. AID PROJECT		



MATCHLINE STATION 28+00.00

MATCHLINE STATION 34+00.00

LANDSCAPING LEGEND

- SEEDING, CLASS 2A
- EROSION CONTROL BLANKET
- SEEDING, CLASS 4
- HEAVY DUTY EROSION CONTROL BLANKET
- SOD, SALT TOLERANT

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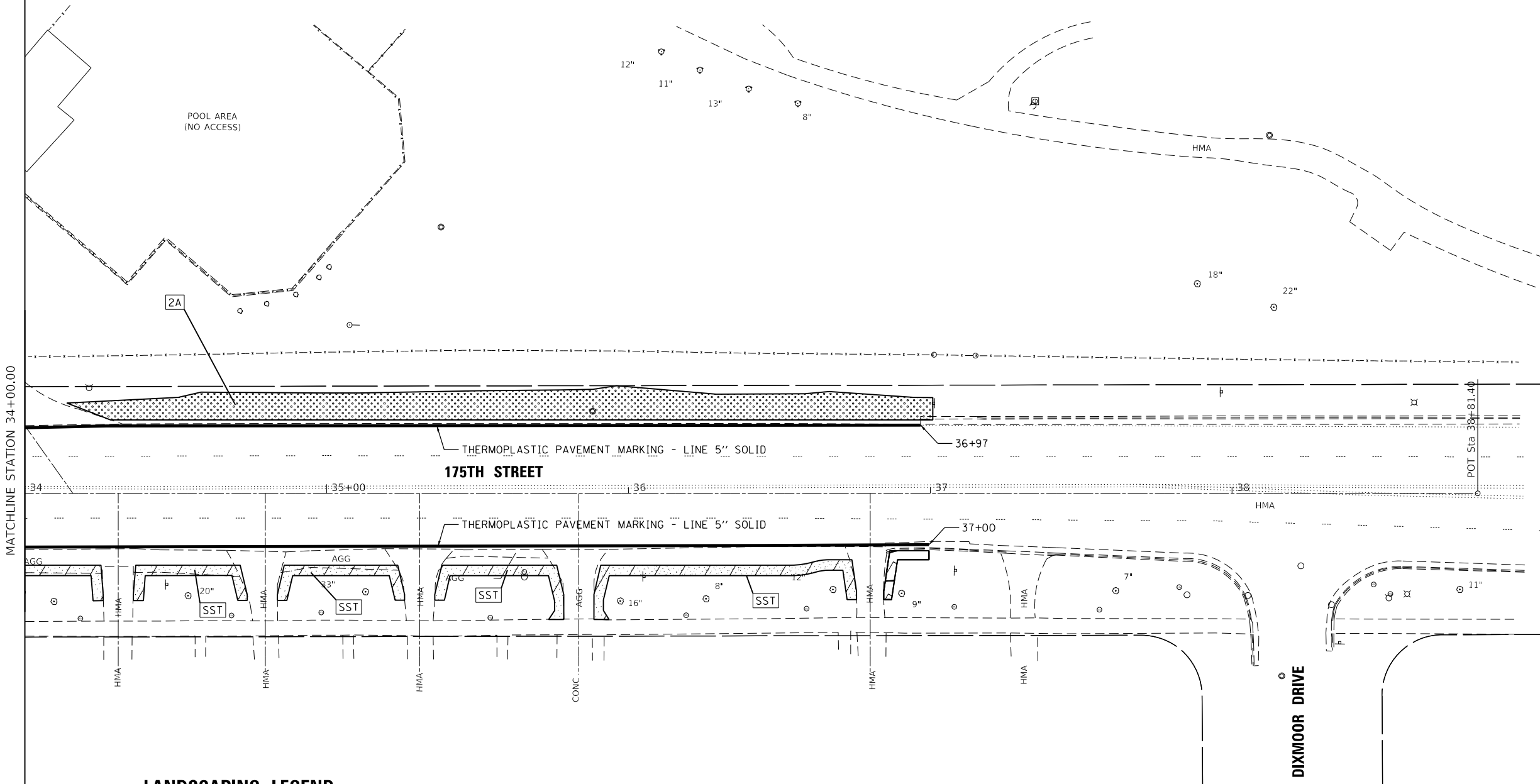
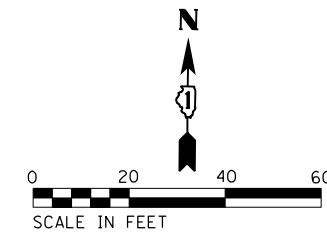
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**175TH STREET - WESTERN AVE TO DIXMOOR DR
PAVEMENT MARKING AND LANDSCAPE PLAN**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 28+00.00 TO STA. 34+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	33
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

- 2A — SEEDING, CLASS 2A
EROSION CONTROL BLANKET
- 4 — SEEDING, CLASS 4
HEAVY DUTY EROSION CONTROL BLANKET
- SST — SOD, SALT TOLERANT

MODEL: D:\m3\175th\175th.dwg
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 PROJECT: 175th Street - Western Ave to Dixmoor Dr
 SHEET: 4 OF 4
 DATE: 2/10/2023
 USER: todd.williams



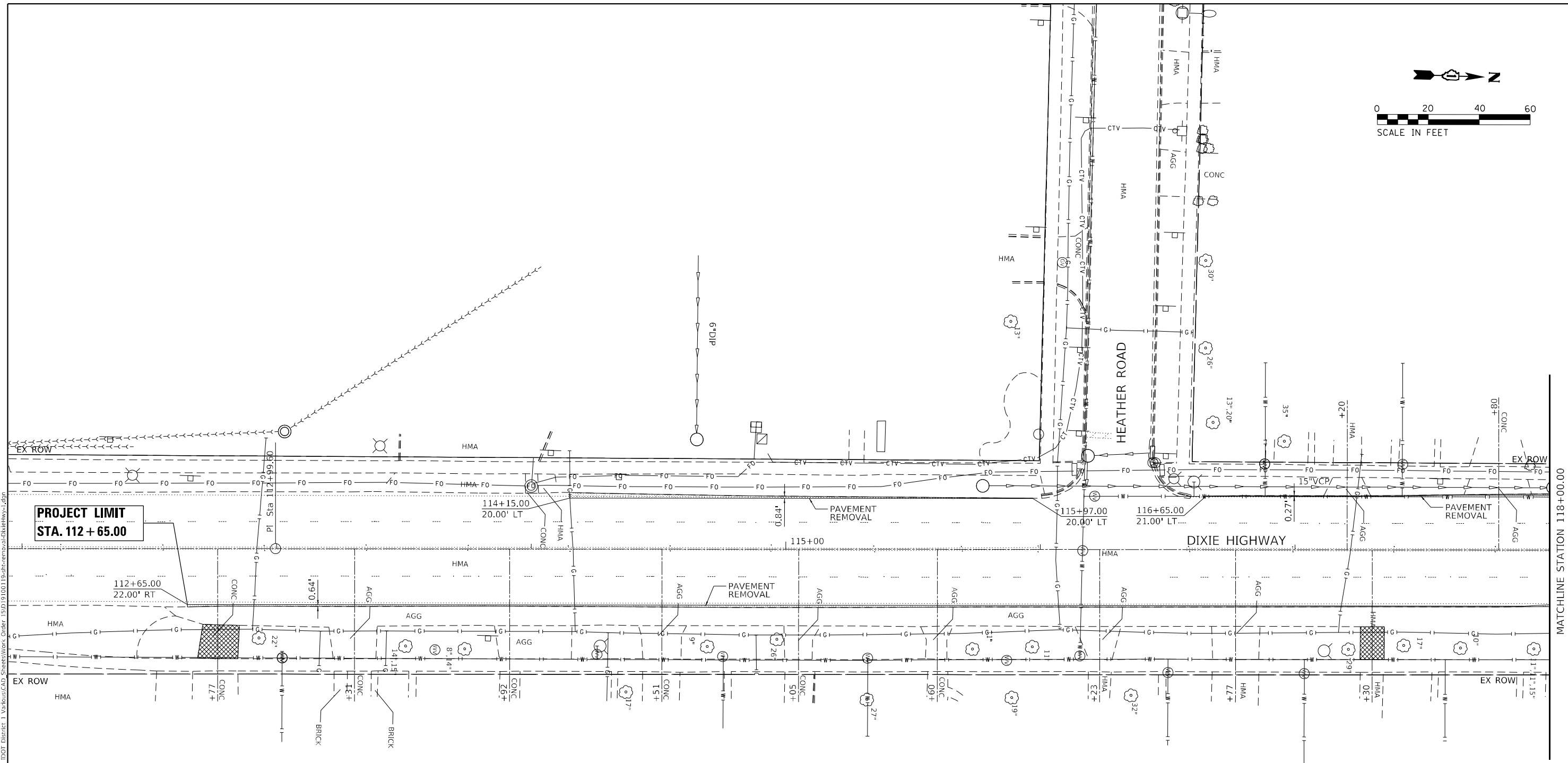
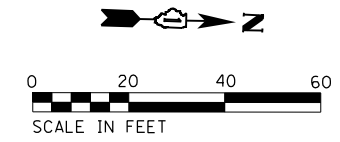
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

175TH STREET – WESTERN AVE TO DIXMOOR DR
PAVEMENT MARKING AND LANDSCAPE PLAN

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 34+00.00 TO STA. 36+99.59

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	34
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



PROJECT LIMIT
STA. 112 + 65.00

MATCHLINE STATION 118+00.00

REMOVAL LEGEND

- DRIVEWAY REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- HMA SHOULDER REMOVAL
- COMB. CONC. CURB & GUTTER REMOVAL

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DATE: 2/10/2023



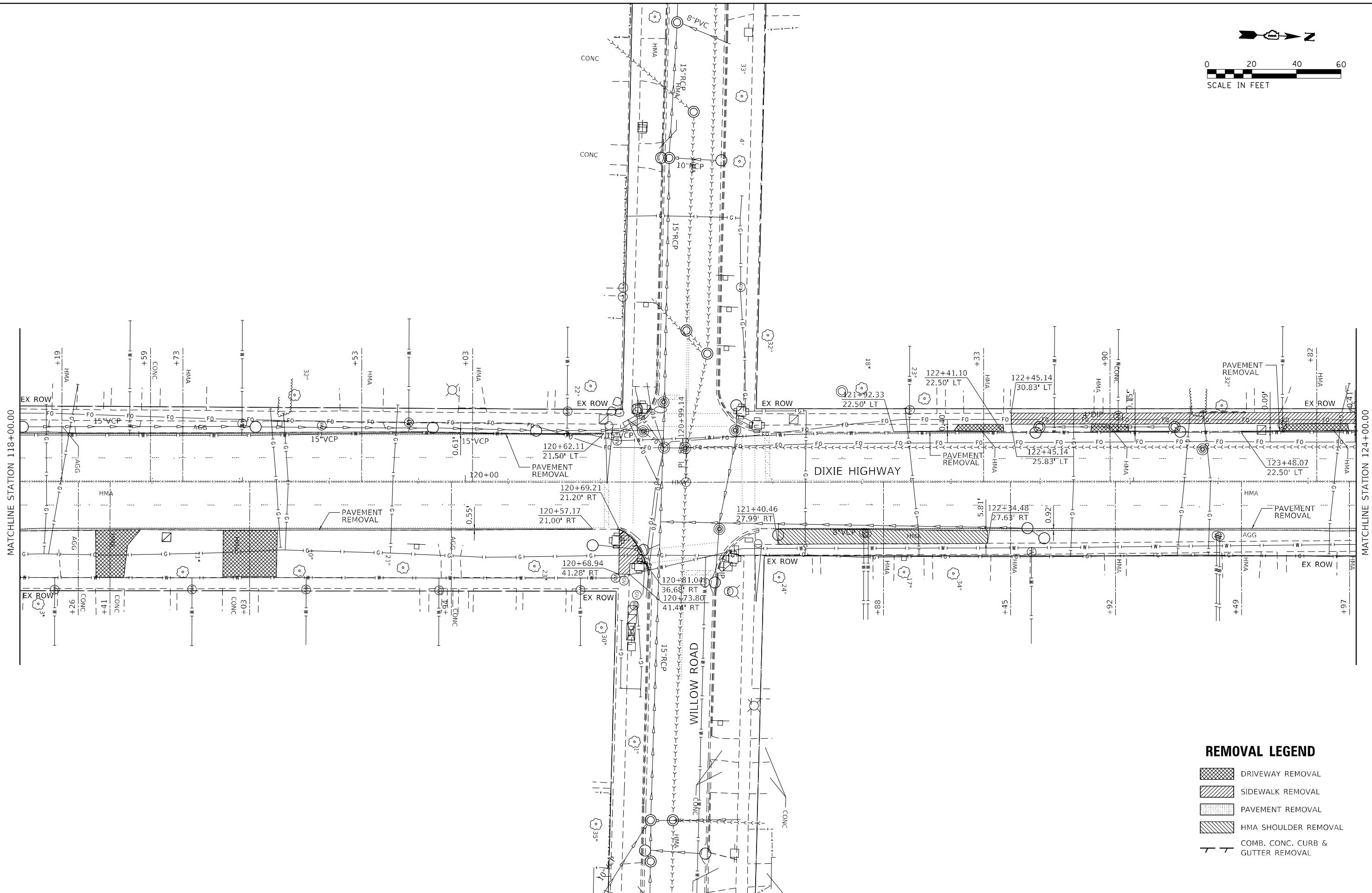
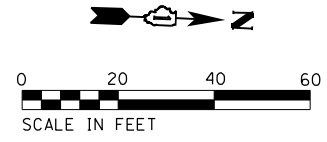
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION






DIXIE HIGHWAY - HEATHER RD TO BIRCH RD
REMOVAL PLAN

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 112+65.00 TO STA. 118+00.00

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 35
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

-  DRIVEWAY REMOVAL
-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  HMA SHOULDER REMOVAL
-  COMB. CONC. CURB & GUTTER REMOVAL

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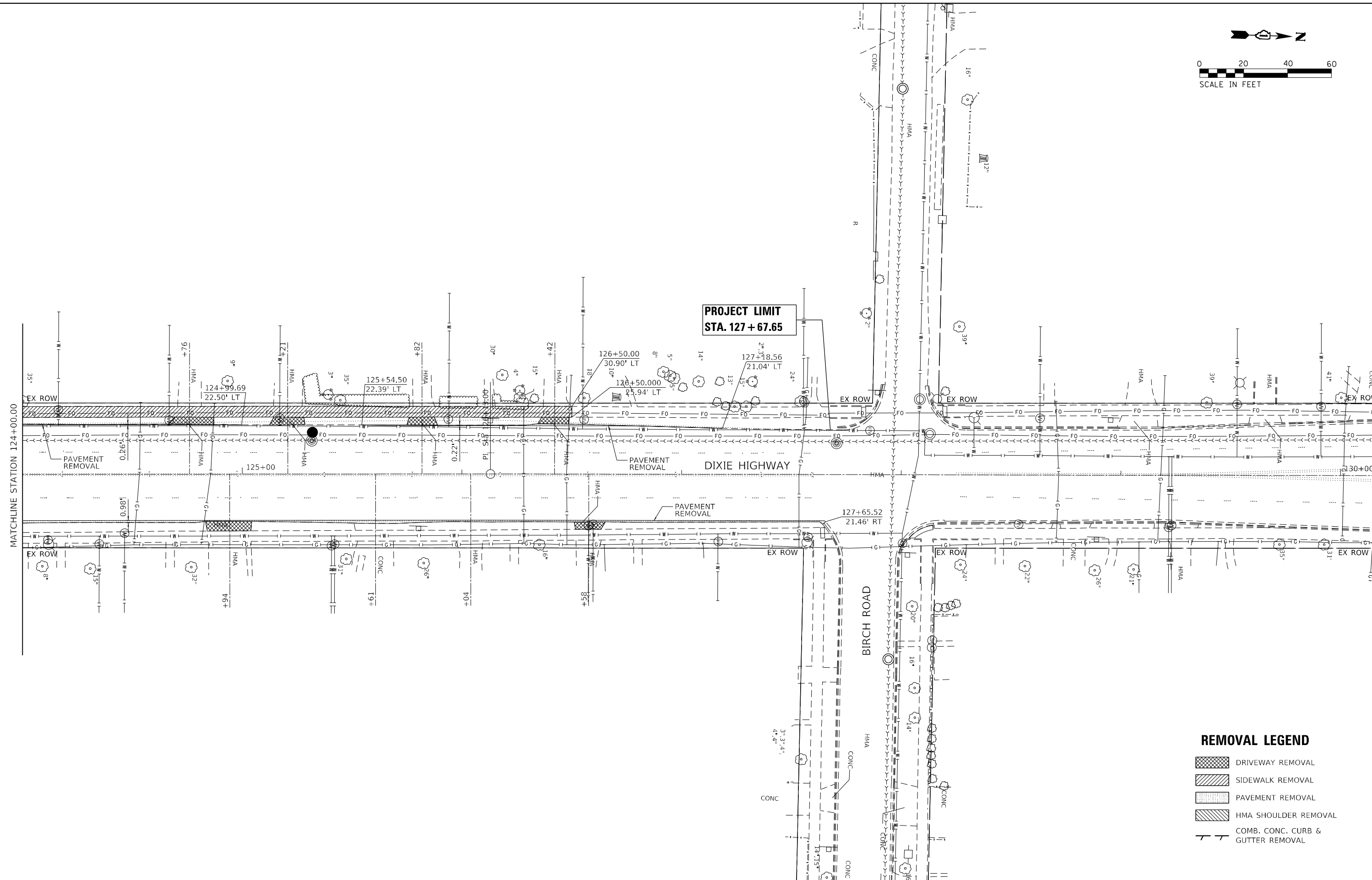
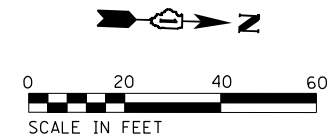
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






**DIXIE HIGHWAY - HEATHER RD TO BIRCH RD
 REMOVAL PLAN**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 118+00.00 TO STA. 124+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	35
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

-  DRIVEWAY REMOVAL
-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  HMA SHOULDER REMOVAL
-  COMB. CONC. CURB & GUTTER REMOVAL

MODEL: D:\p\h\...
 FILE: Main\...
 MODEL: D:\p\h\...
 FILE: Main\...



USER NAME = tlm.chin	DESIGNED - TC	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - TC	REVISED -
PLOT DATE = 2/8/2023	CHECKED - GSB	REVISED -
	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DIXIE HIGHWAY - HEATHER RD TO BIRCH RD
REMOVAL PLAN**

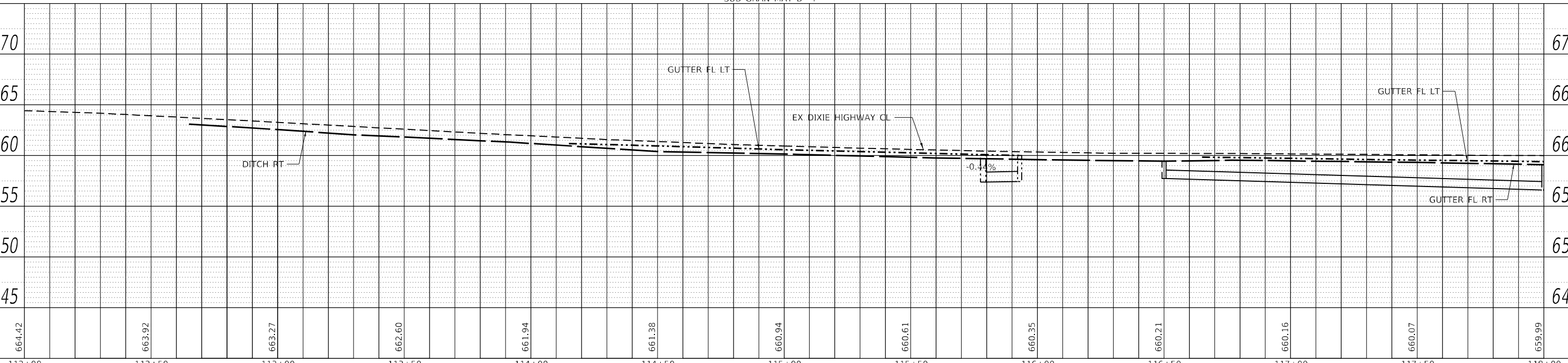
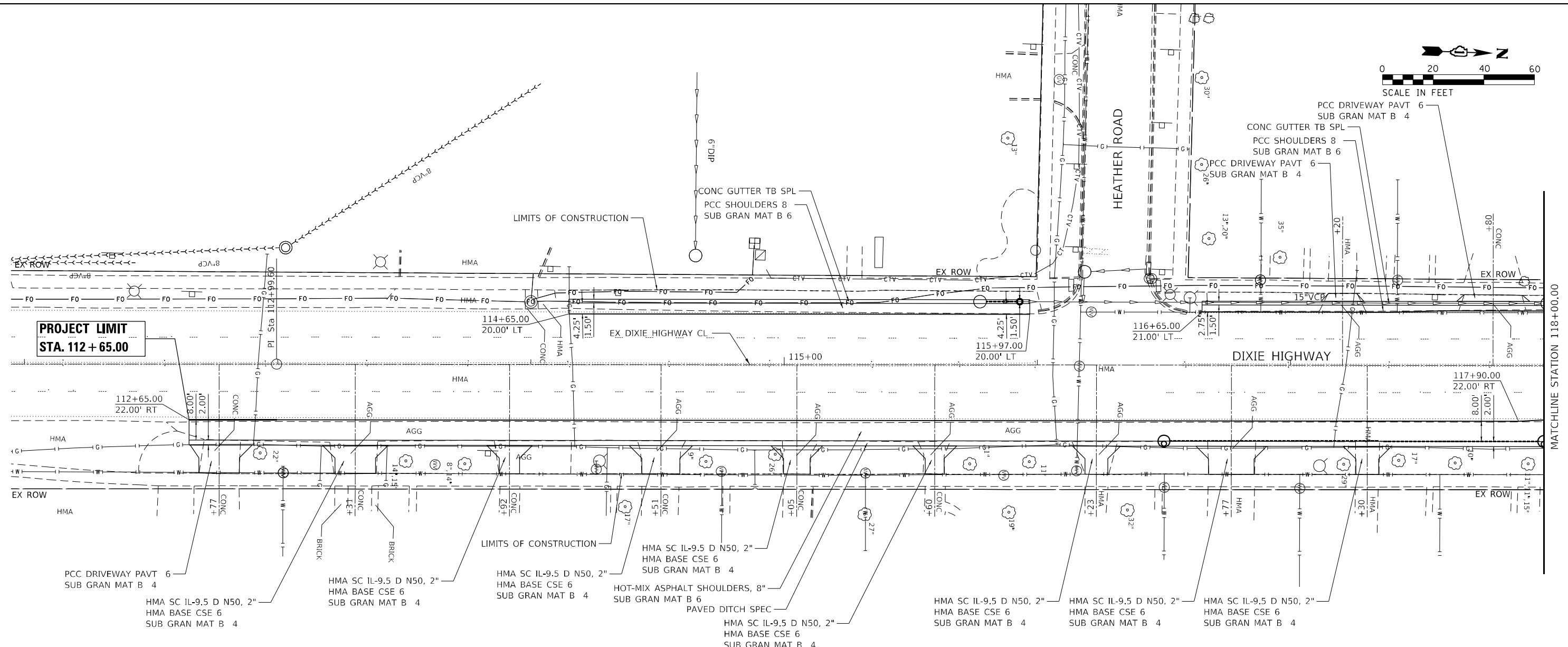
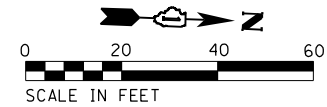
SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 124+00.00 TO STA. 127+67.65

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 37
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

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

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	NOTE BOOK
	NO.
	STRUCTURE NOTATION CIRCD

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664.42	663.92	663.27	662.60	661.94	661.38	660.94	660.61	660.35	660.21	660.16	660.07	659.99
112+00	112+50	113+00	113+50	114+00	114+50	115+00	115+50	116+00	116+50	117+00	117+50	118+00



USER NAME	= tm.chin
DESIGNED	- TC
DRAWN	- TC
CHECKED	- GSB
DATE	- 2/10/2023

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REVISD	-
REVISD	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

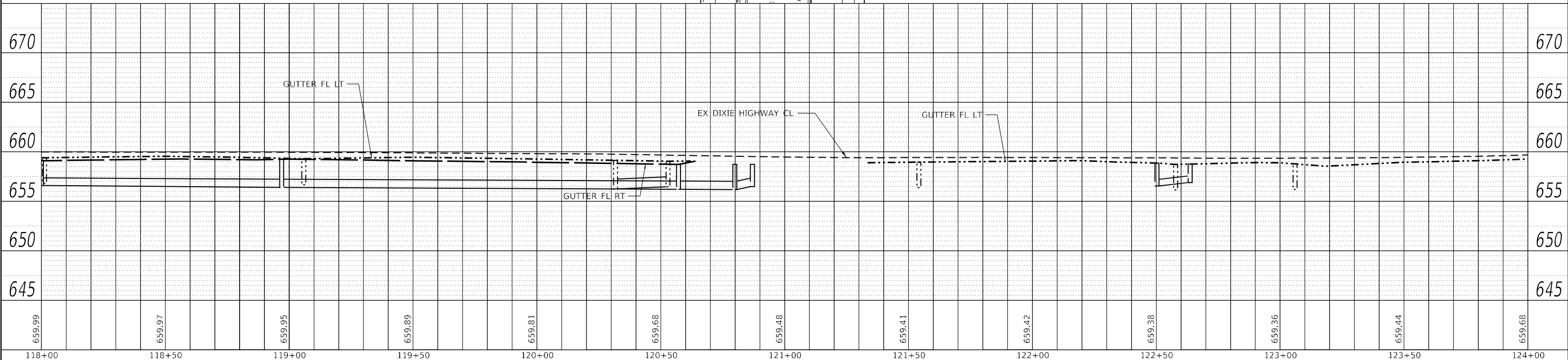
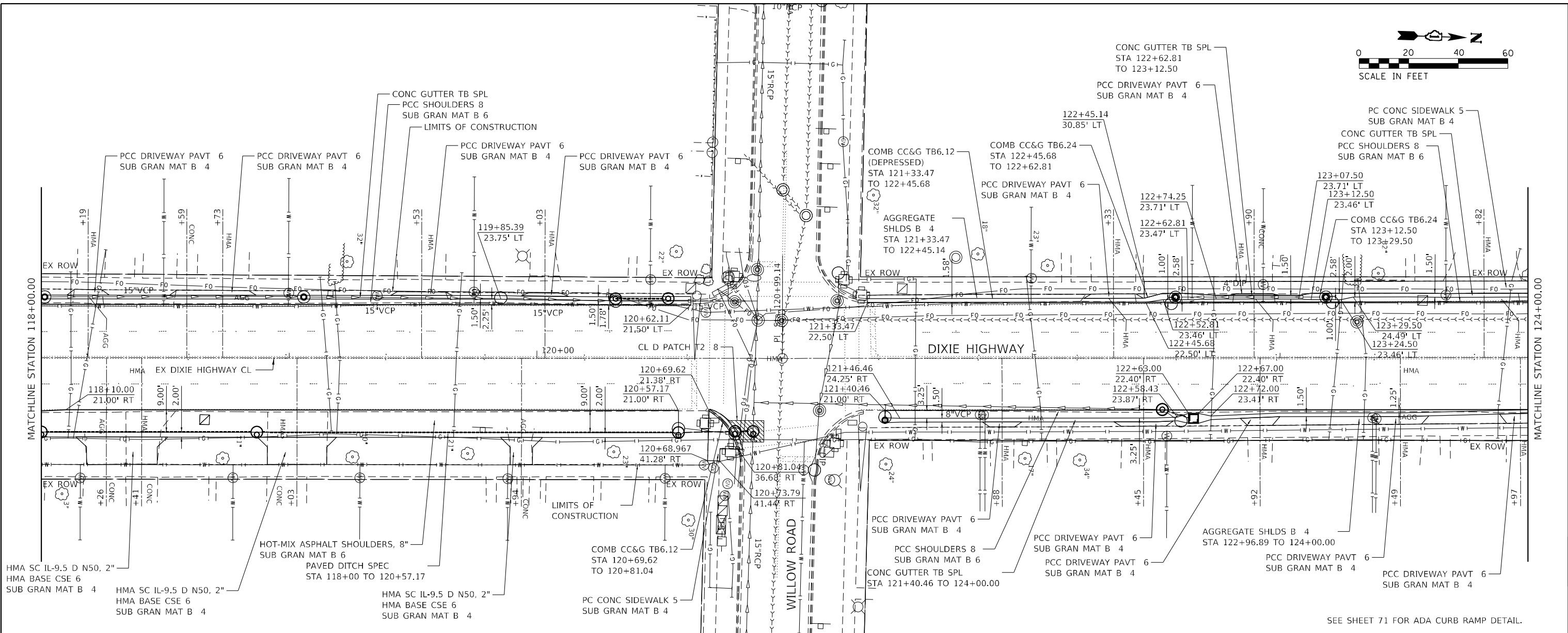
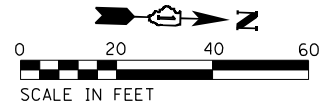
DIXIE HIGHWAY - HEATHER RD TO BIRCH RD			
PLAN & PROFILE			
SCALE: 1"=20'	SHEET 1	OF 3 SHEETS	STA. 112+65.00 TO STA. 118+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	38
CONTRACT NO. 62N86				ILLINOIS FED. AID PROJECT

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILE NAME
	NO.

DATE	
BY	
PROFILE	SURVEYED
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	CHECKED
	STRUCTURE
	NOTATION
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SEE SHEET 71 FOR ADA CURB RAMP DETAIL.

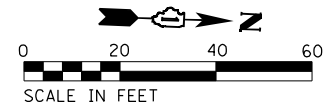


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DRAWN	- TC
CHECKED	- GSB
DATE	- 2/10/2023
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIXIE HIGHWAY - HEATHER RD TO BIRCH RD			
PLAN & PROFILE			
SCALE: 1"=20'	SHEET 2	OF 3 SHEETS	STA. 118+00.00 TO STA. 124+00.00

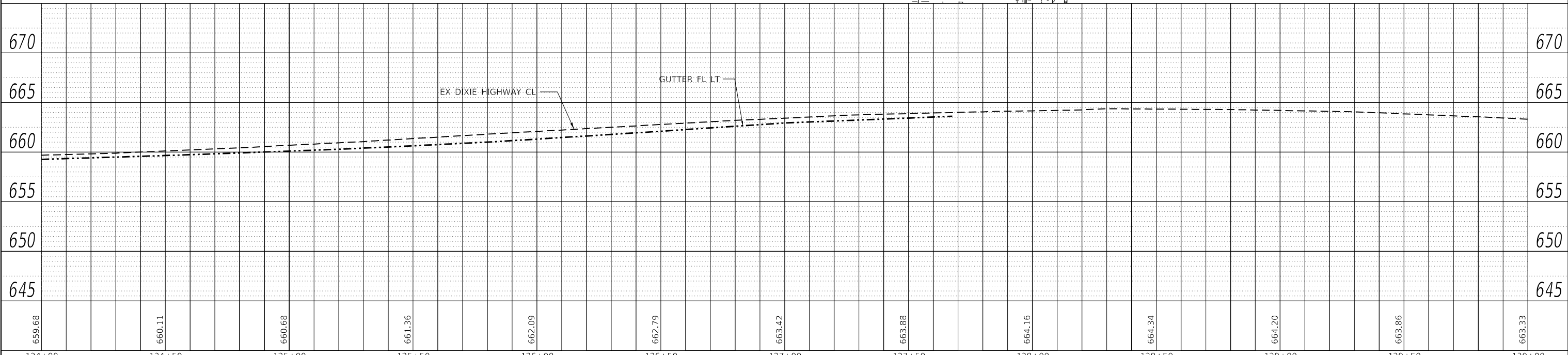
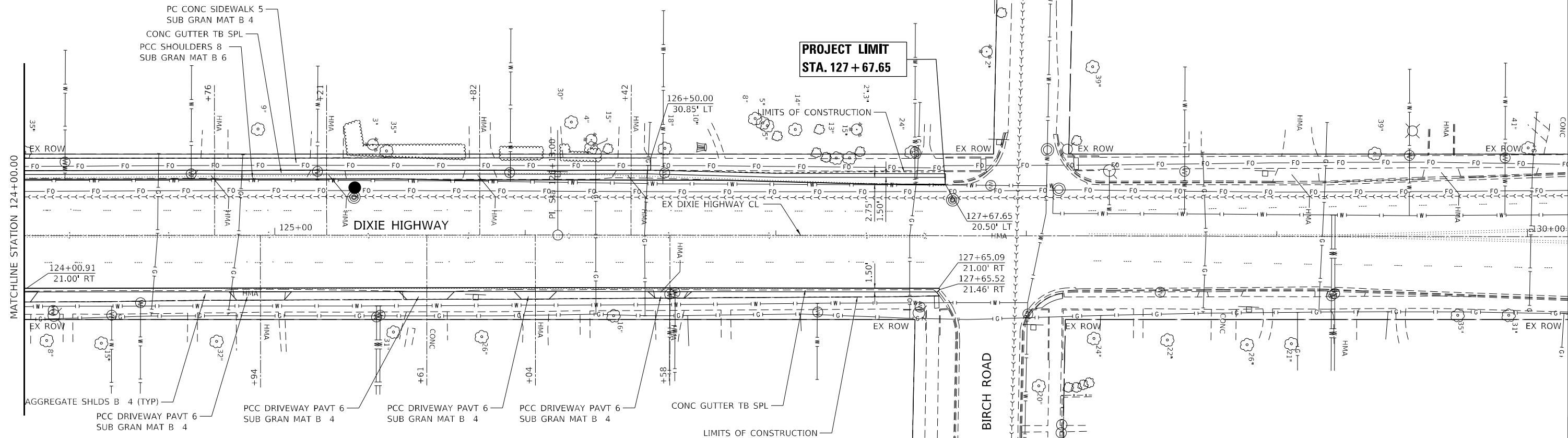
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-05-DR	COOK	125	39
CONTRACT NO. 62N86				ILLINOIS FED. AID PROJECT



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

DATE	
BY	
PROFILE	
SURVEYED	
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GRADES CHECKED	
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NOTE BOOK NO.	
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659.68	660.11	660.68	661.36	662.09	662.79	663.42	663.88	664.16	664.34	664.20	663.86	663.33
124+00	124+50	125+00	125+50	126+00	126+50	127+00	127+50	128+00	128+50	129+00	129+50	130+00



USER NAME = tlm.chn	DESIGNED - TC	REVISED -
	DRAWN - TC	REVISED -
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PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY - HEATHER RD TO BIRCH RD			
PLAN & PROFILE			
SCALE: 1"=20'	SHEET 3	OF 3 SHEETS	STA. 124+00.00 TO STA. 127+67.65

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 40
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

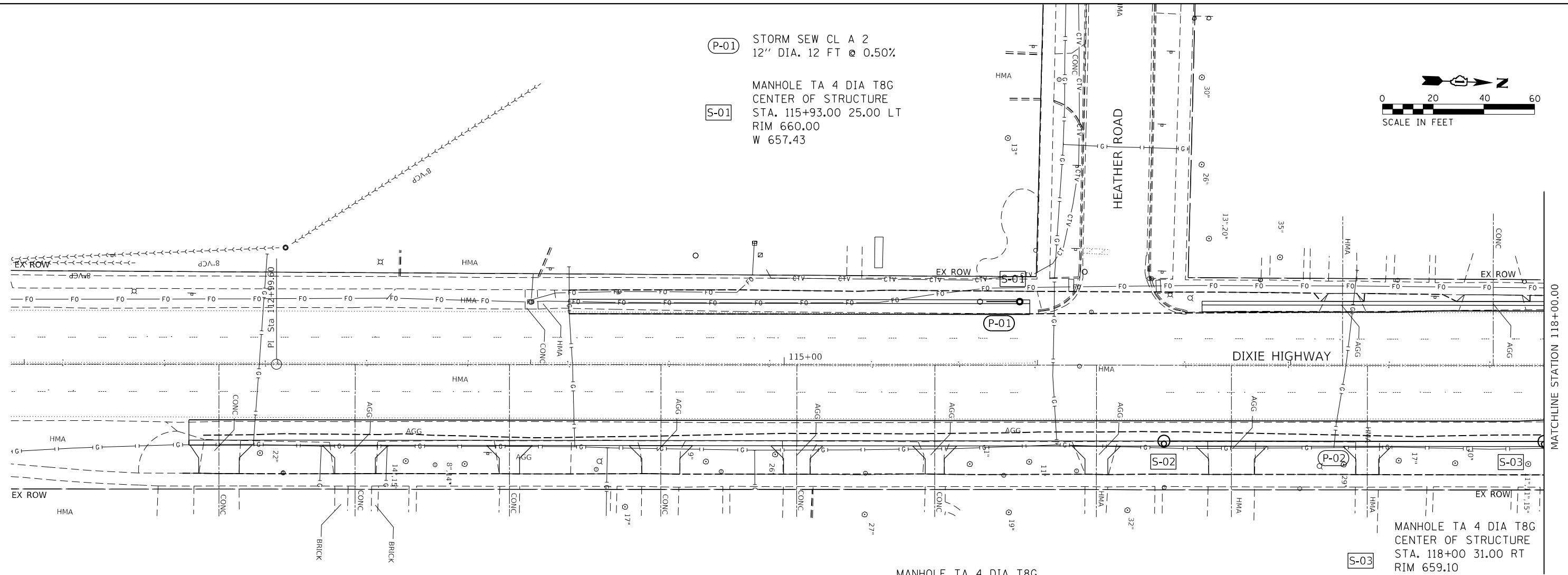
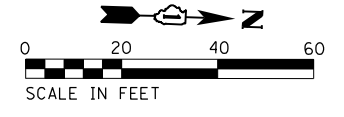
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	PLOTTED	BY
	GRADES CHECKED	
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	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
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P-01 STORM SEW CL A 2
 12" DIA. 12 FT @ 0.50%

S-01 MANHOLE TA 4 DIA T8G
 CENTER OF STRUCTURE
 STA. 115+93.00 25.00 LT
 RIM 660.00
 W 657.43

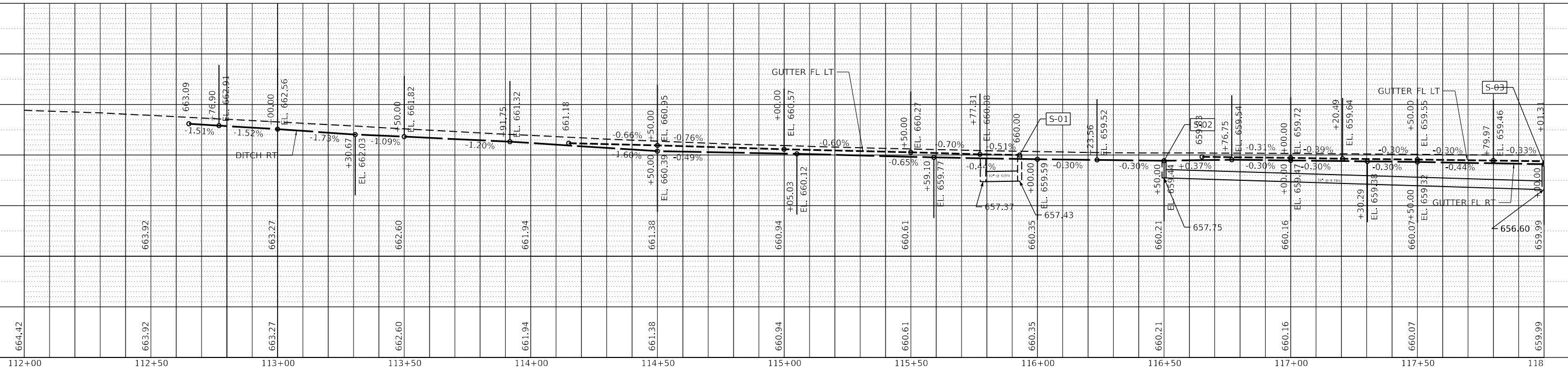


S-02 MANHOLE TA 4 DIA T8G
 CENTER OF STRUCTURE
 STA. 116+50.00 31.00 RT
 RIM 659.44
 E 657.75

P-02 STORM SEW CL A 2
 10" DIA. 146 FT @ 0.79%

P-03 STORM SEW CL A 2
 10" DIA. 83 FT @ 0.05%

S-03 MANHOLE TA 4 DIA T8G
 CENTER OF STRUCTURE
 STA. 118+00 31.00 RT
 RIM 659.10
 N 656.63
 S 656.63



664.42	663.92	663.27	662.60	661.94	661.38	660.94	660.61	660.35	660.21	660.16	660.07	659.99
112+00	112+50	113+00	113+50	114+00	114+50	115+00	115+50	116+00	116+50	117+00	117+50	118

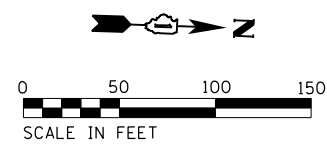


USER NAME = todd.williams	DESIGNED - TDW	REVISED -
	DRAWN - MRB	REVISED -
	CHECKED - MSM	REVISED -
	DATE - 2/10/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DIXIE HIGHWAY FROM HEATHER RD TO BIRCH RD
 DRAINAGE PLAN AND PROFILE

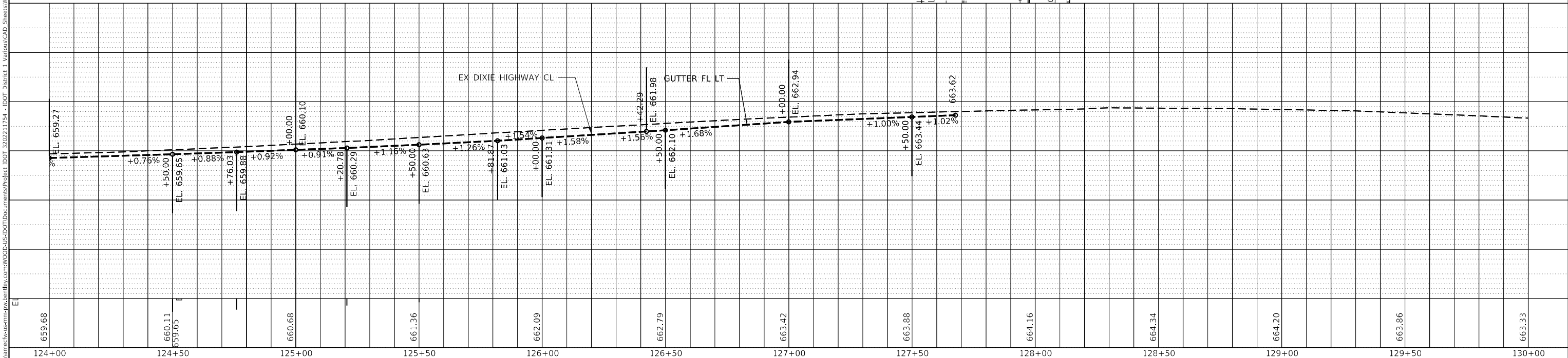
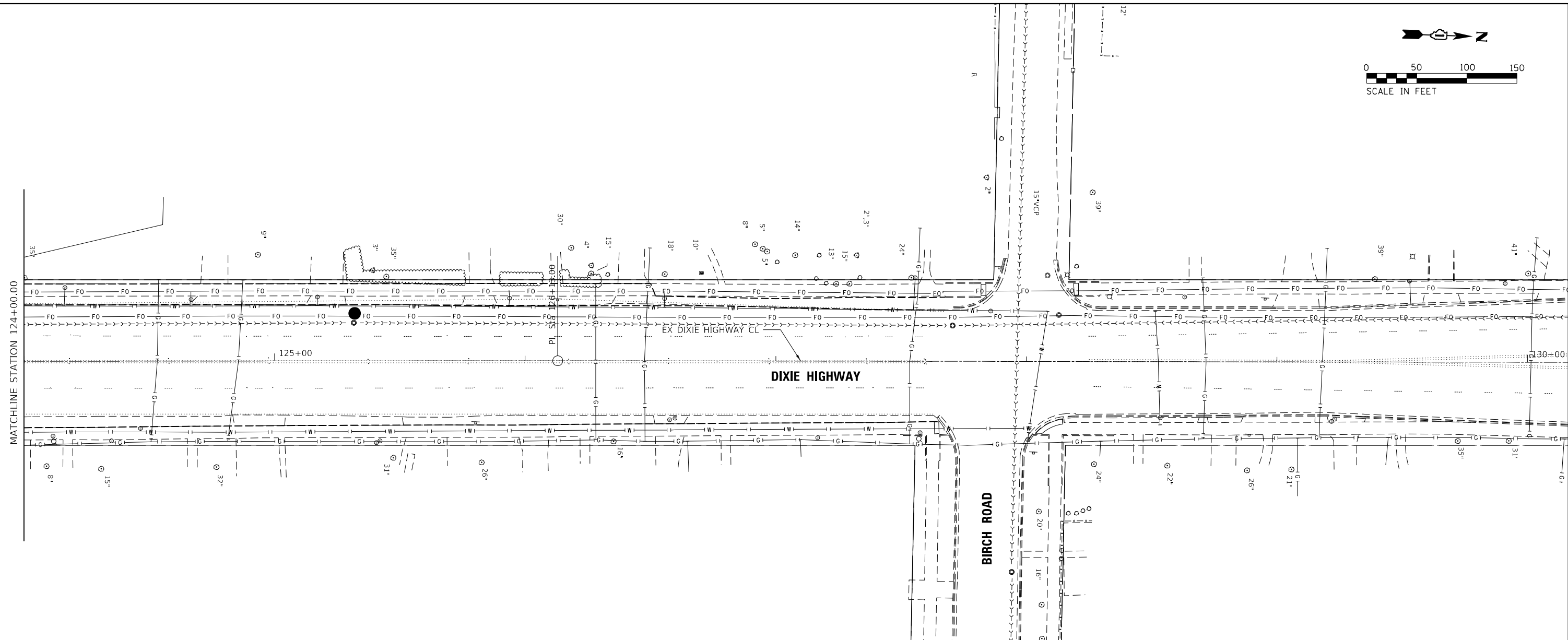
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SCALE: SHEET 1 OF 3 SHEETS STA. 112+65.00 TO STA. 118+00.00			CONTRACT NO. 62N86	
ILLINOIS FED. AID PROJECT				



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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
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124+00	124+50	125+00	125+50	126+00	126+50	127+00	127+50	128+00	128+50	129+00	129+50	130+00











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PLOT DATE = 2/6/2023	DATE - 2/10/2023	REVISED -

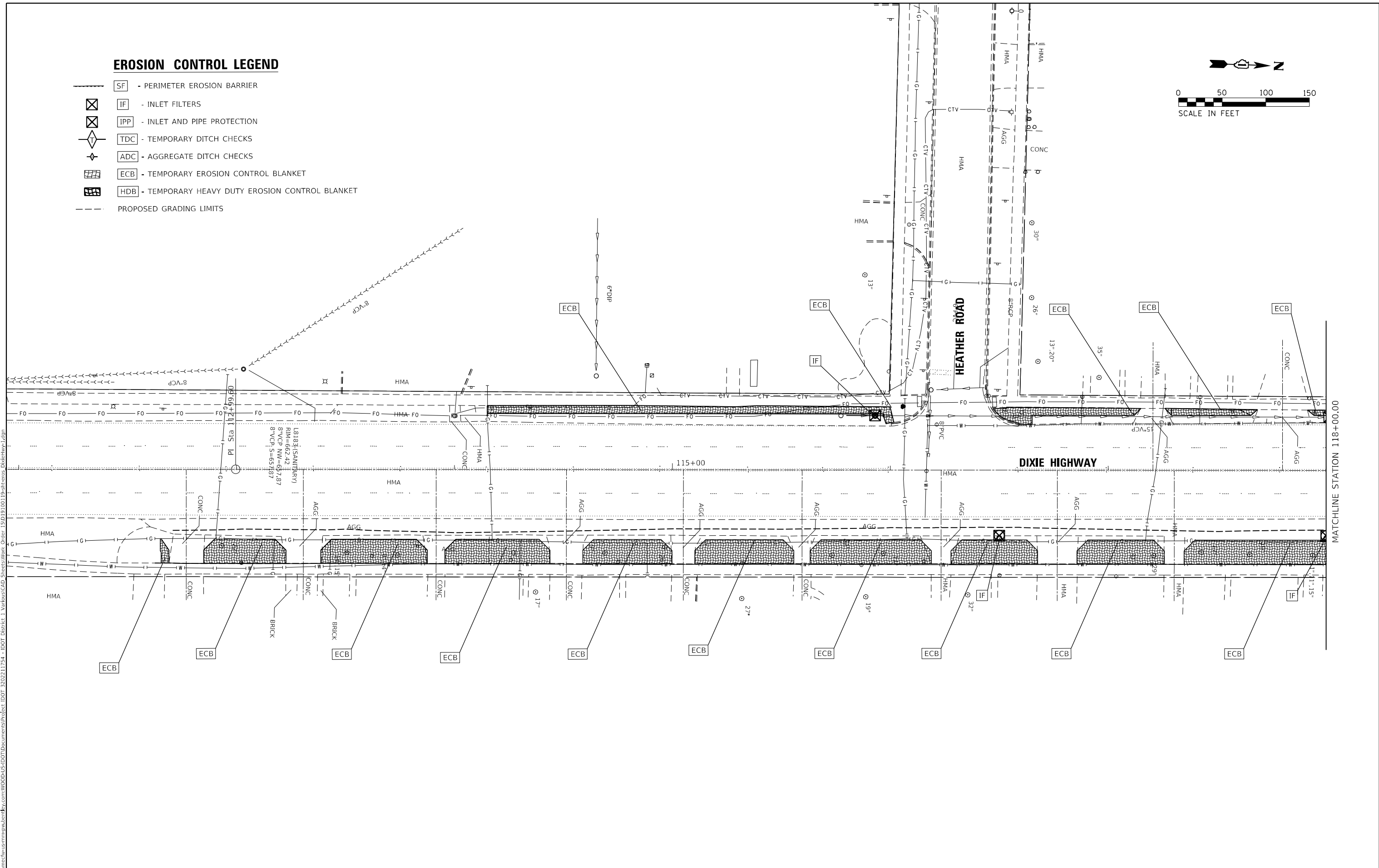
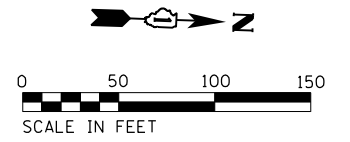
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DIXIE HIGHWAY FROM HEATHER RD TO BIRCH RD
 DRAINAGE PLAN AND PROFILE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	43
CONTRACT NO. 62N86				
SCALE:		SHEET 3 OF 3 SHEETS	STA. 124+00.00 TO STA. 127+67.65	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
-  ECB - TEMPORARY EROSION CONTROL BLANKET
-  HDB - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
-  PROPOSED GRADING LIMITS



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DRAWN - MRB	REVISED -	
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PLOT DATE = 2/7/2023	DATE - 2/10/2023	REVISED -









**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

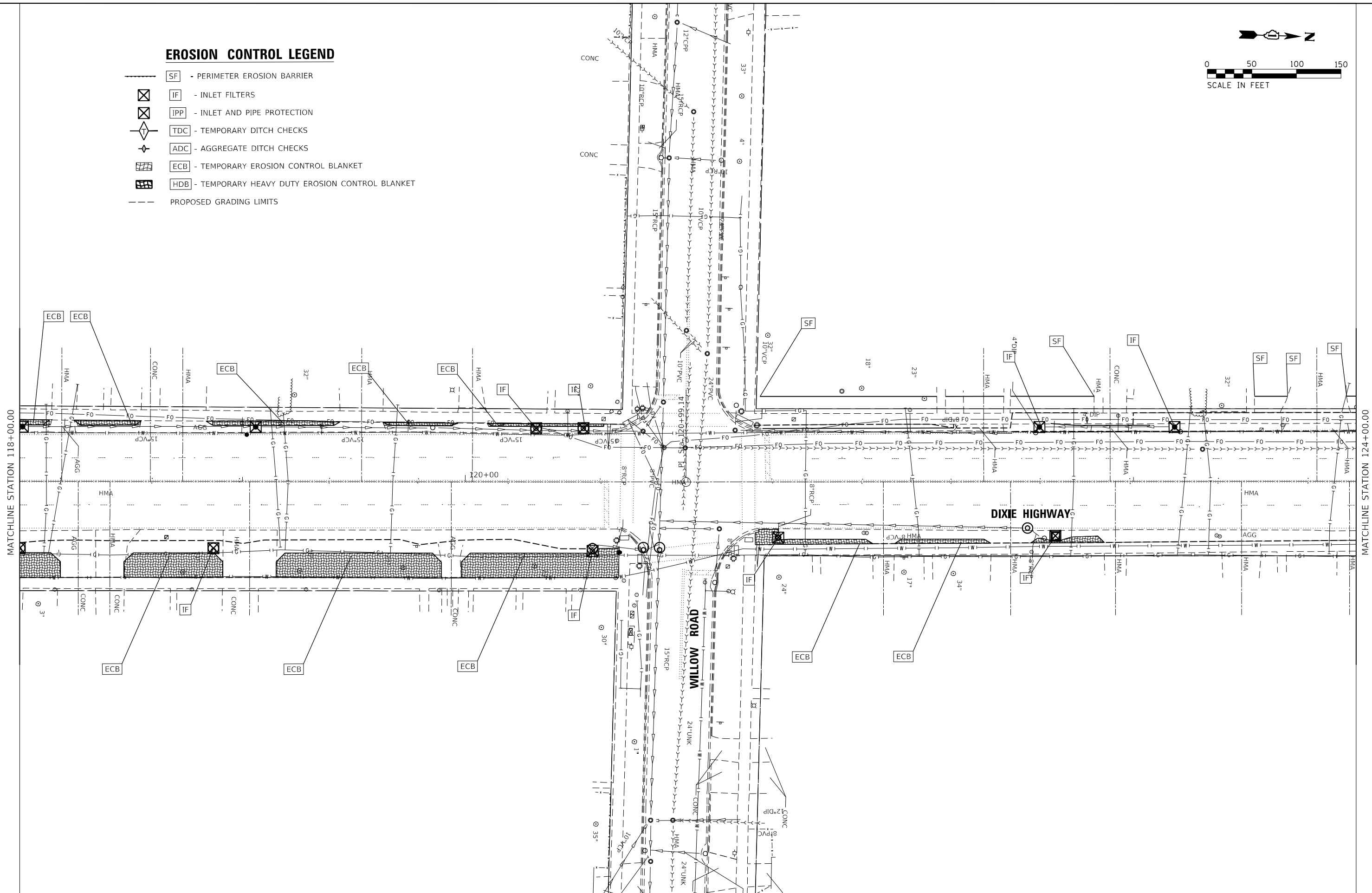
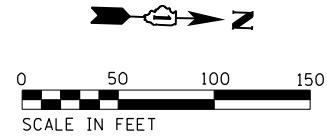
**DIXIE HIGHWAY FROM HEATHER RD TO BIRCH RD
EROSION CONTROL PLAN**

SCALE: SHEET 1 OF 3 SHEETS STA. 112+65.00 TO STA. 118+00.00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	44
CONTRACT NO. 62N86				
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
-  ECB - TEMPORARY EROSION CONTROL BLANKET
-  HDB - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
-  --- PROPOSED GRADING LIMITS



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USER NAME = todd.williams	DESIGNED - TDW	REVISED -
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PLOT DATE = 2/6/2023	CHECKED - MSM	REVISED -
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







STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

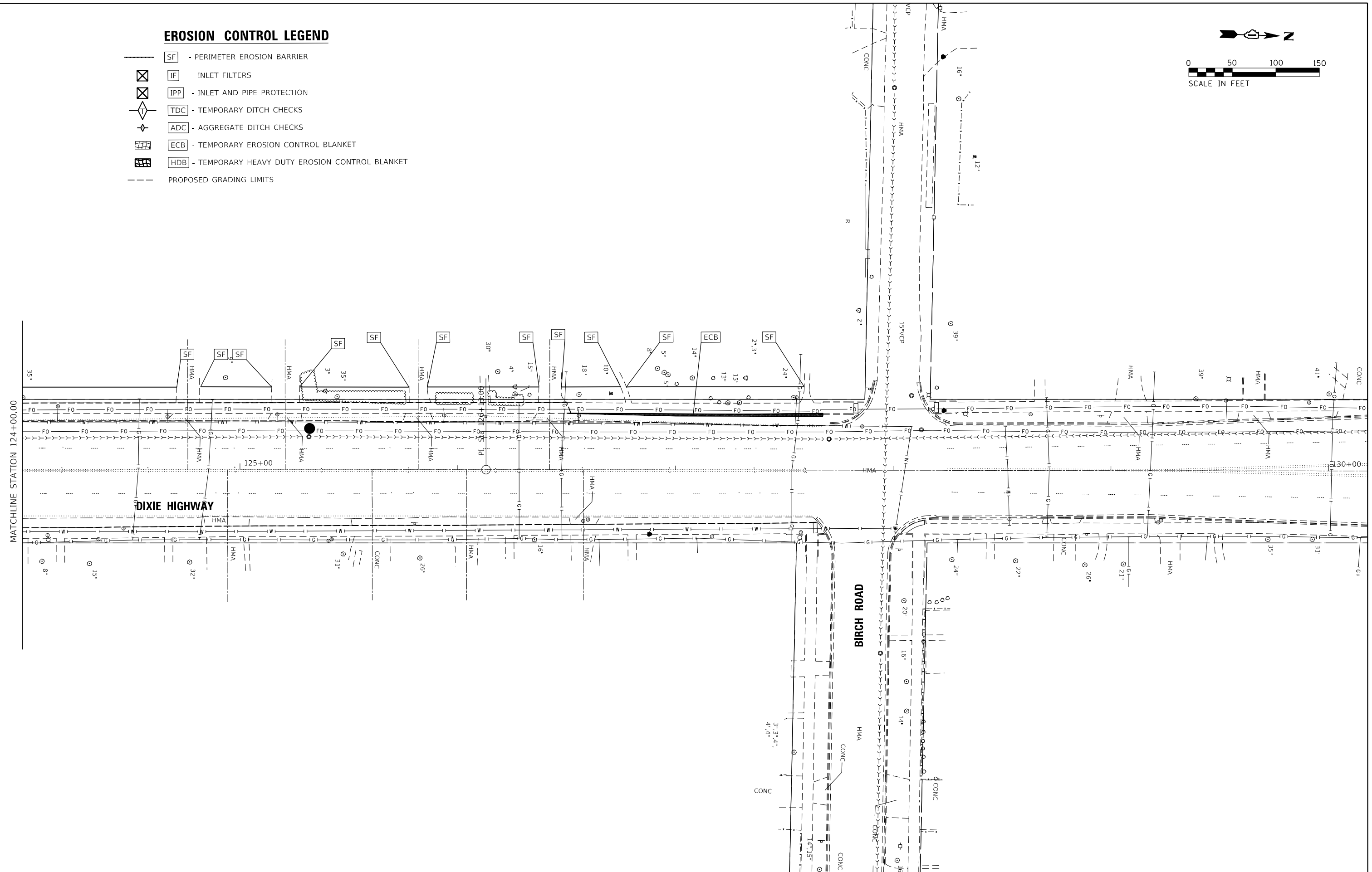
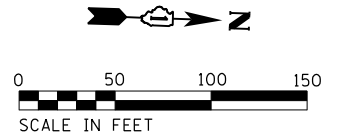
DIXIE HIGHWAY FROM HEATHER RD TO BIRCH RD
EROSION CONTROL PLAN

SCALE: SHEET 2 OF 3 SHEETS STA. 118+00.00 TO STA. 124+00.00

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 45
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

EROSION CONTROL LEGEND

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



USER NAME = todd.williams	DESIGNED - TDW	REVISED -
DRAWN - MRB	REVISED -	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

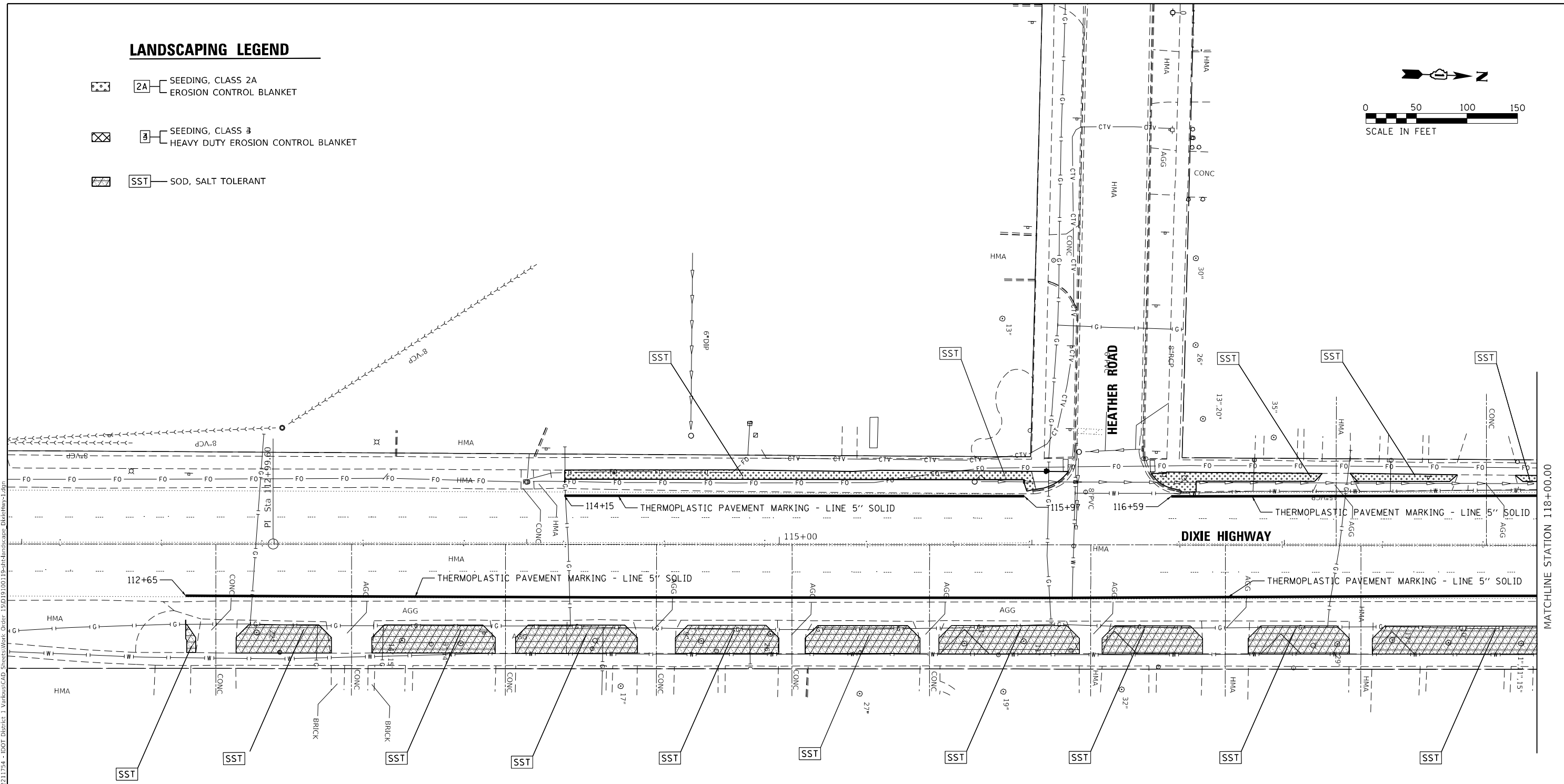
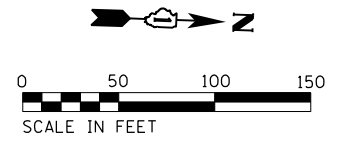
**DIXIE HIGHWAY FROM HEATHER RD TO BIRCH RD
EROSION CONTROL PLAN**

SCALE: SHEET 3 OF 3 SHEETS STA. 124+00.00 TO STA. 127+67.65

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	46
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

LANDSCAPING LEGEND

-  2A SEEDING, CLASS 2A
EROSION CONTROL BLANKET
-  3 SEEDING, CLASS 3
HEAVY DUTY EROSION CONTROL BLANKET
-  SST SOD, SALT TOLERANT



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USER NAME = todd.williams	DESIGNED - TDW	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - MRB	REVISED -
PLOT DATE = 2/7/2023	CHECKED - MSM	REVISED -
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


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

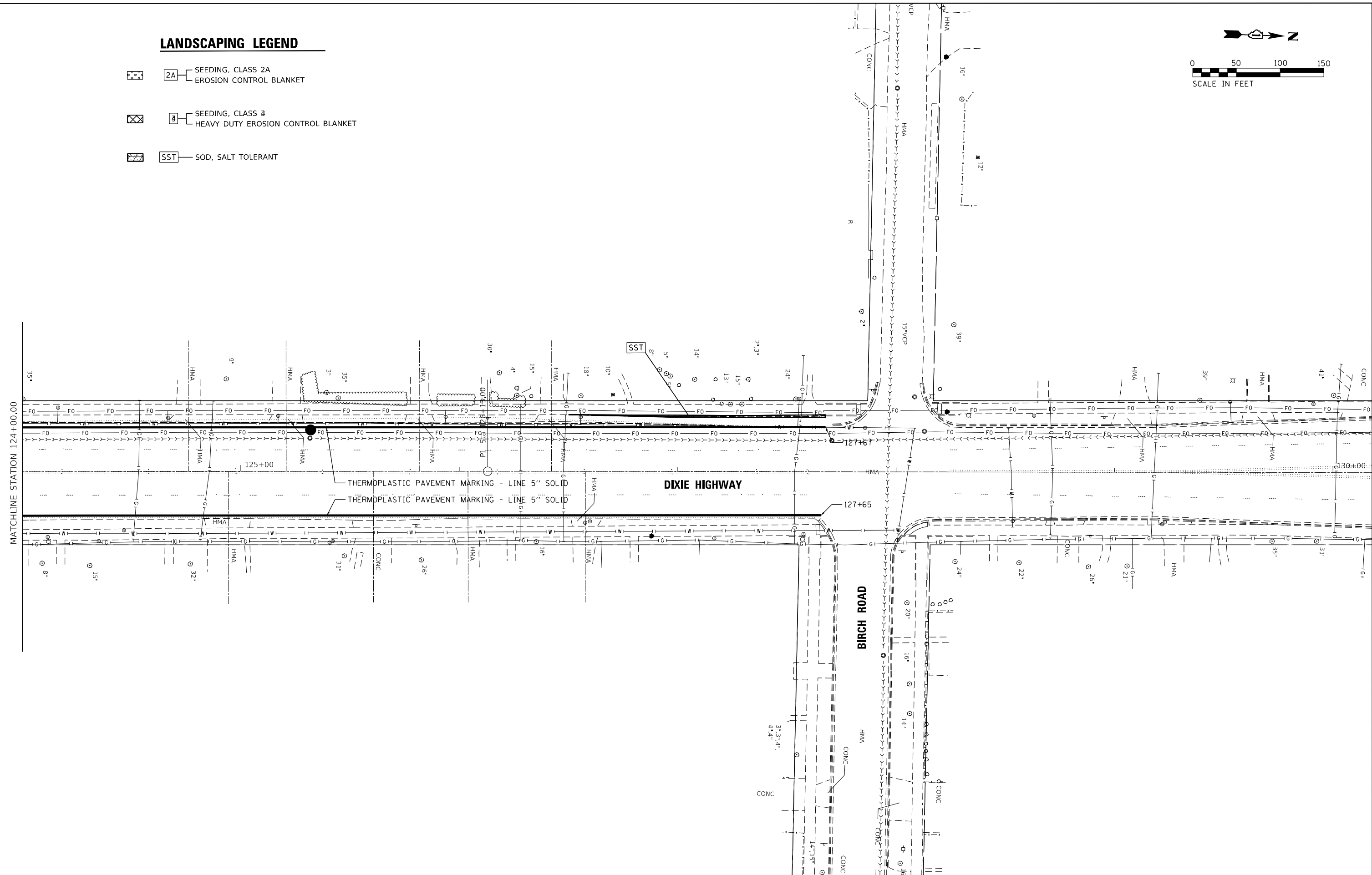
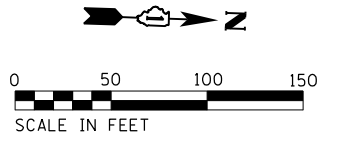
**DIXIE HIGHWAY FROM HEATHER RD TO BIRCH RD
PAVEMENT MARKING AND LANDSCAPING PLAN**

SCALE: SHEET 1 OF 3 SHEETS STA. 112+65.00 TO STA. 118+00.00

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 47
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

LANDSCAPING LEGEND

-  2A SEEDING, CLASS 2A
EROSION CONTROL BLANKET
-  3 SEEDING, CLASS 3
HEAVY DUTY EROSION CONTROL BLANKET
-  SST SOD, SALT TOLERANT



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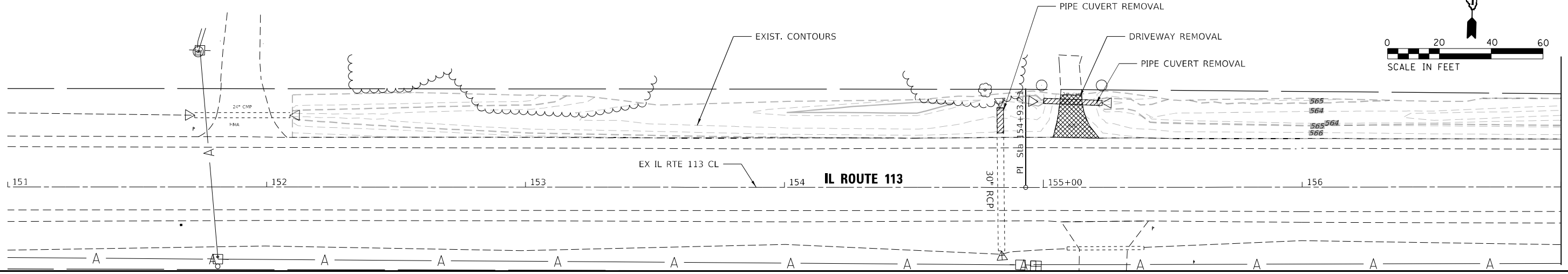
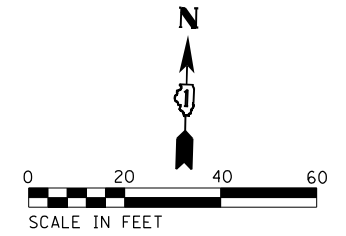
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PLOT DATE = 2/6/2023	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DIXIE HIGHWAY FROM HEATHER RD TO BIRCH RD
 PAVEMENT MARKING AND LANDSCAPING PLAN**

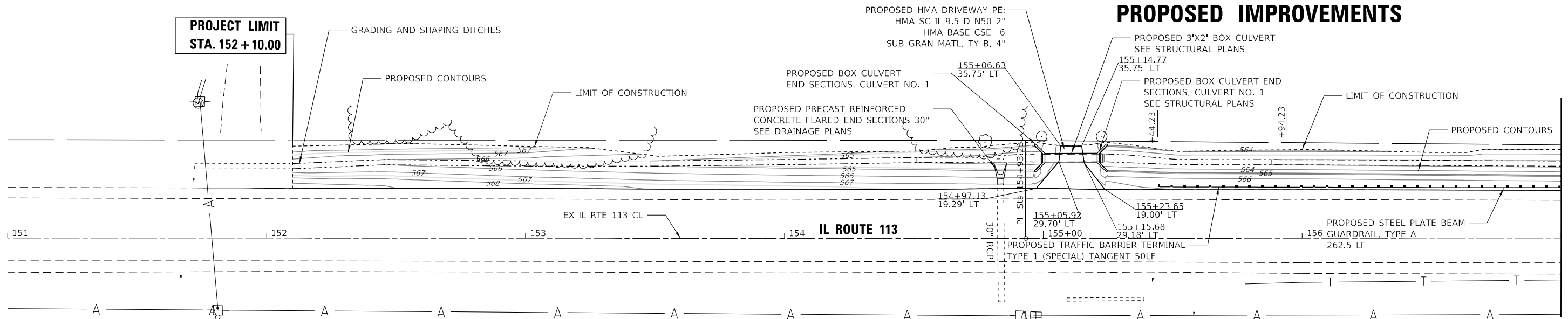
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	49
CONTRACT NO. 62N86				
SCALE: SHEET 3 OF 3 SHEETS STA. 124+00.00 TO STA. 127+67.00 ILLINOIS FED. AID PROJECT				

REMOVAL PLAN

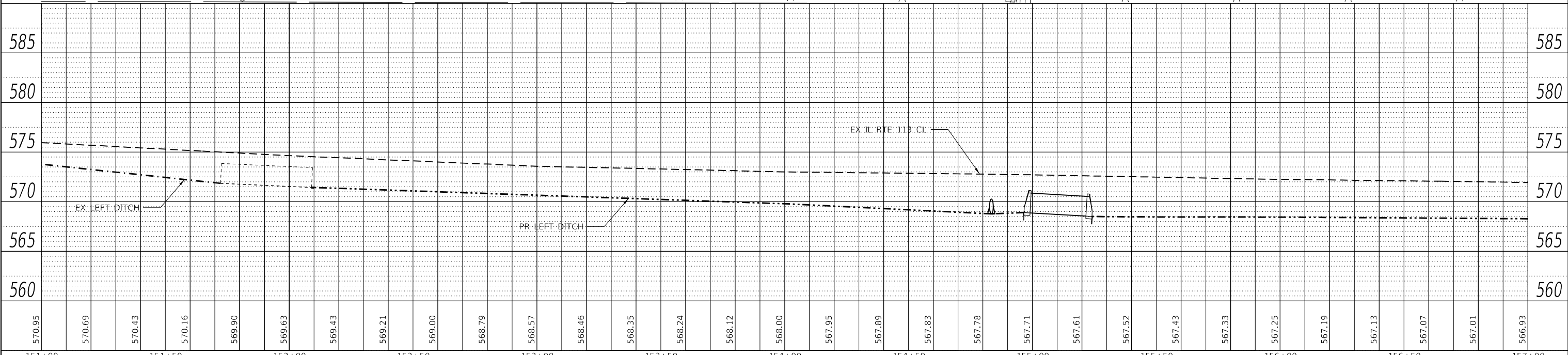


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	PLOTTED	BY
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PROPOSED IMPROVEMENTS



PROFILE	SURVEYED	DATE
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	NOTE BOOK NO.	
	STRUCTURE	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

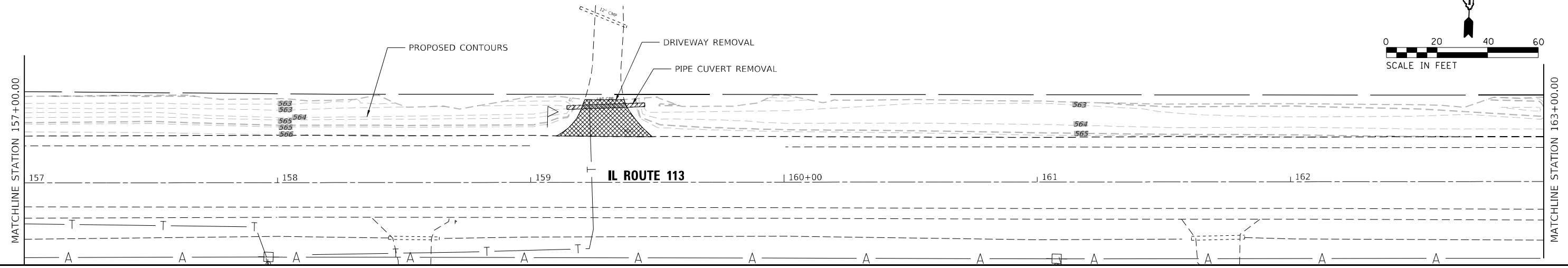
**IL 113 WEST OF RIVER ROAD
PLAN & PROFILE**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 151+00 TO STA. 157+00

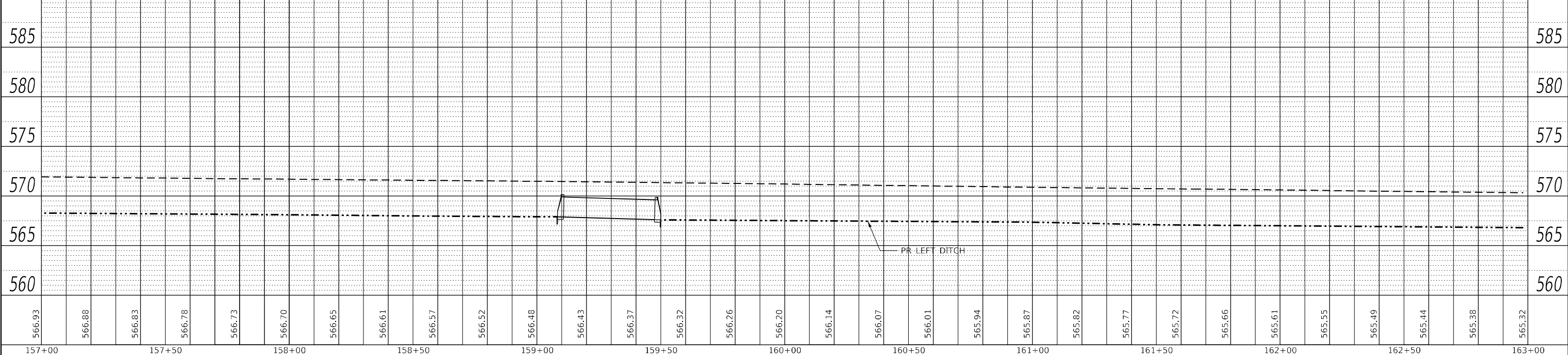
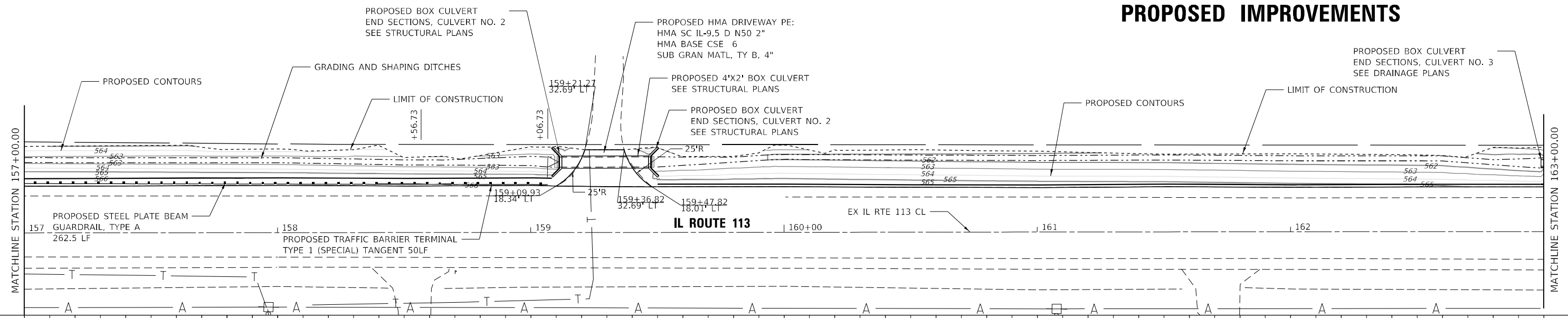
F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 50
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

REMOVAL PLAN

N



PROPOSED IMPROVEMENTS



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

DATE	
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PROFILE	
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NOTE BOOK NO.	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

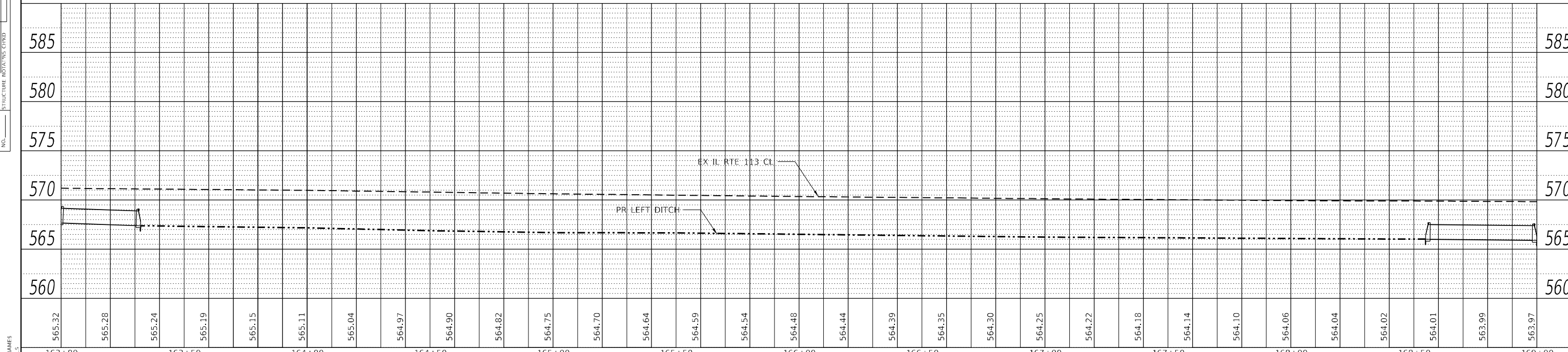
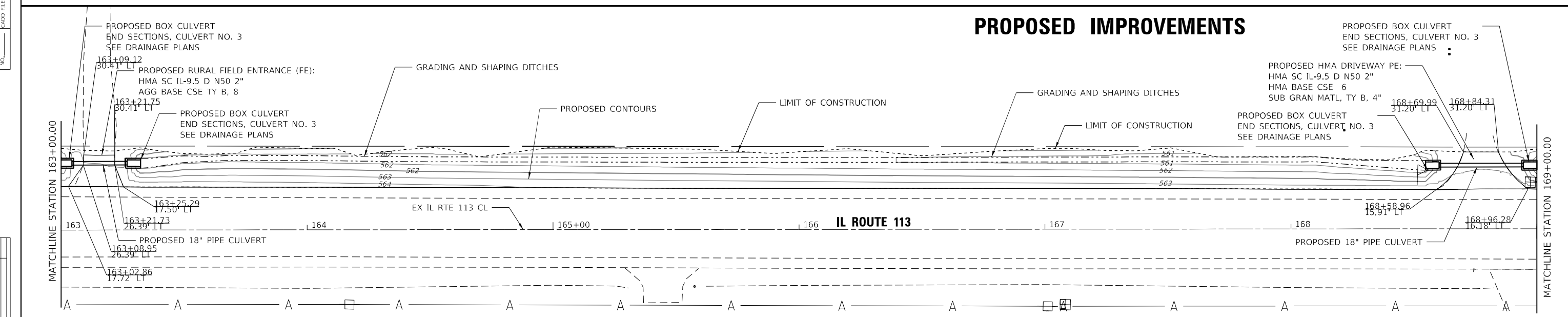
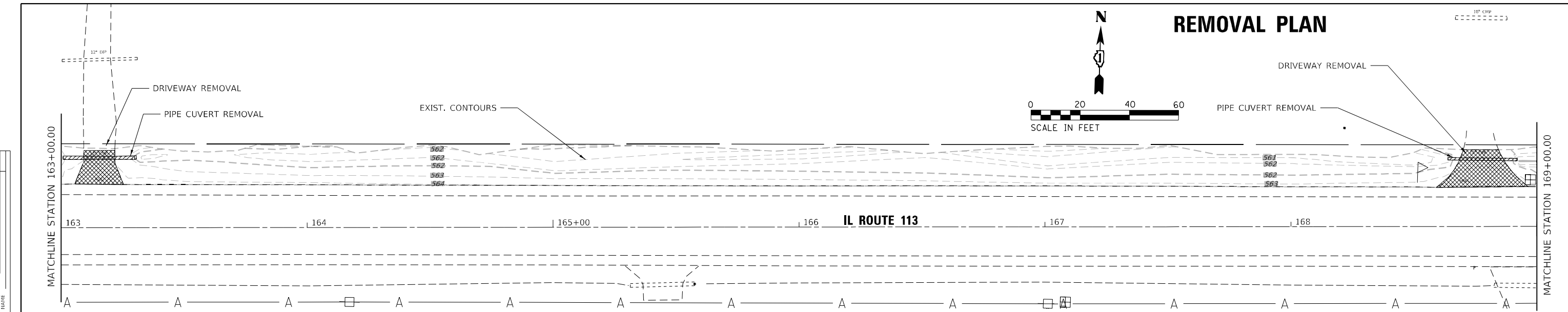
IL 113 WEST OF RIVER ROAD
PLAN & PROFILE

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 157+00 TO STA. 163+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	51
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
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	NOTE BOOK	
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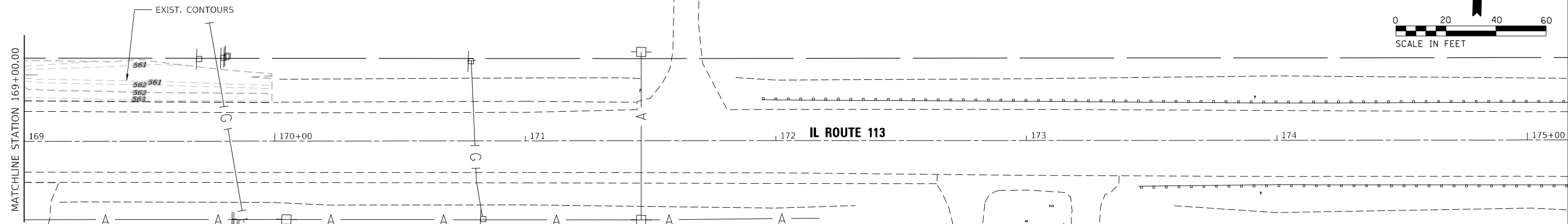
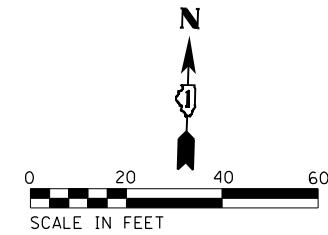


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163+00	163+50	164+00	164+50	165+00	165+50	166+00	166+50	167+00	167+50	168+00	168+50	169+00																			

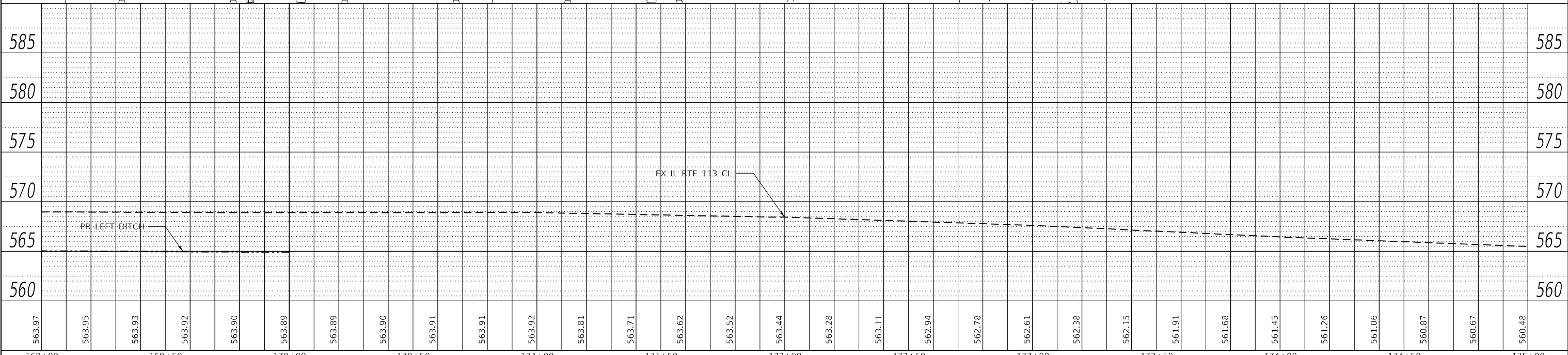
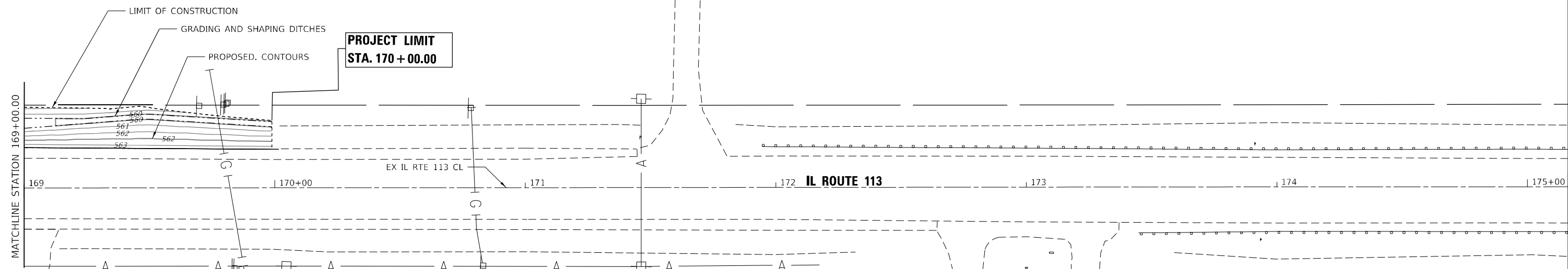
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REMOVAL PLAN



PROPOSED IMPROVEMENTS



PLAN	SURVEYED	DATE
	BY	
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	ALIGNED	
	CHECKED	
	DATE	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
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	CHECKED	
	DATE	
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MODEL: SPODELNAMRES
FILE NAME: SRF1E5



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 113 WEST OF RIVER ROAD
PLAN & PROFILE.**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 169+00 TO STA. 175+00

F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 53
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
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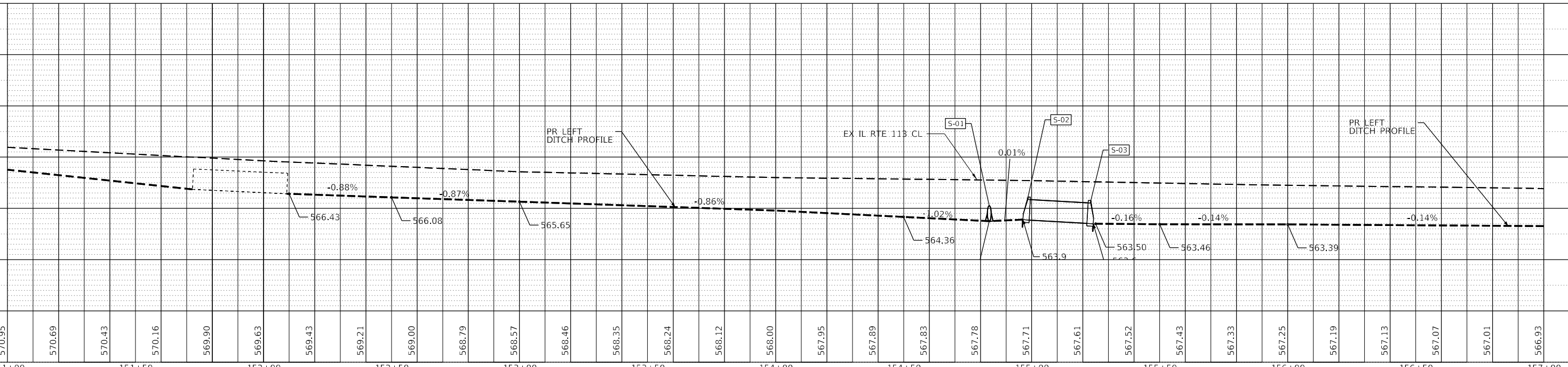
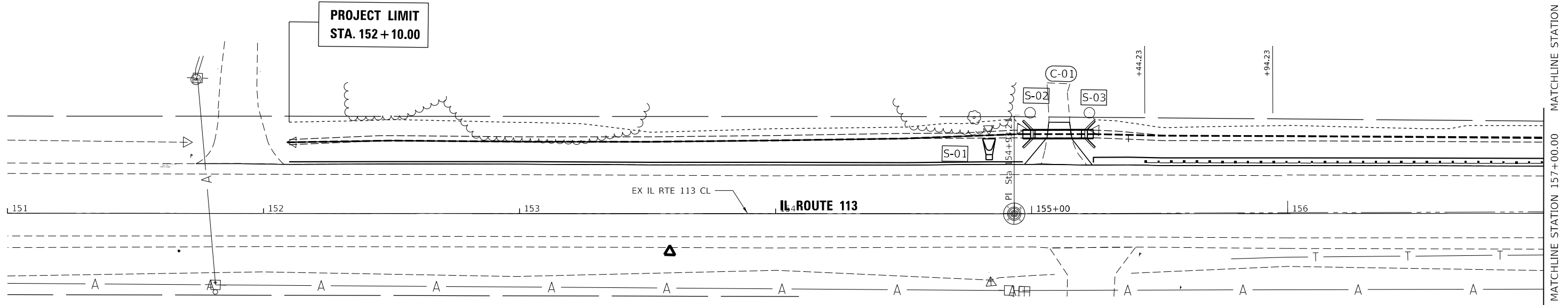
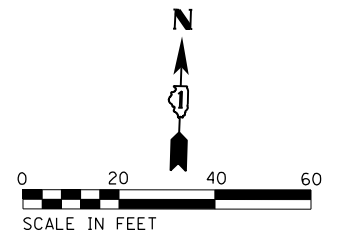
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	NOTE BOOK NO.		
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(C-01) PCB CULVERT NO. 1
3'X2' 18 FT @ 1.46%

(S-01) FES 30"
END OF CULVERT
STA. 154+83.46 28.07 LT
N 563.76

(S-02) BOX CULV END SECTION
CULVERT NO. 1
STA. 154+96.59 31.07 LT
W 563.9

(S-03) BOX CULV END SECTION
CULVERT NO. 1
STA. 155+24.07 31.07 LT
E 563.50



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE IL-113 DRAINAGE IMPROVEMENTS			
SCALE: 1"=20'	SHEET 1	OF 4 SHEETS	STA. TO STA. 157+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	54
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

MATCHLINE STATION 157+00.00

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

PROFILE	SURVEYED	BY	DATE
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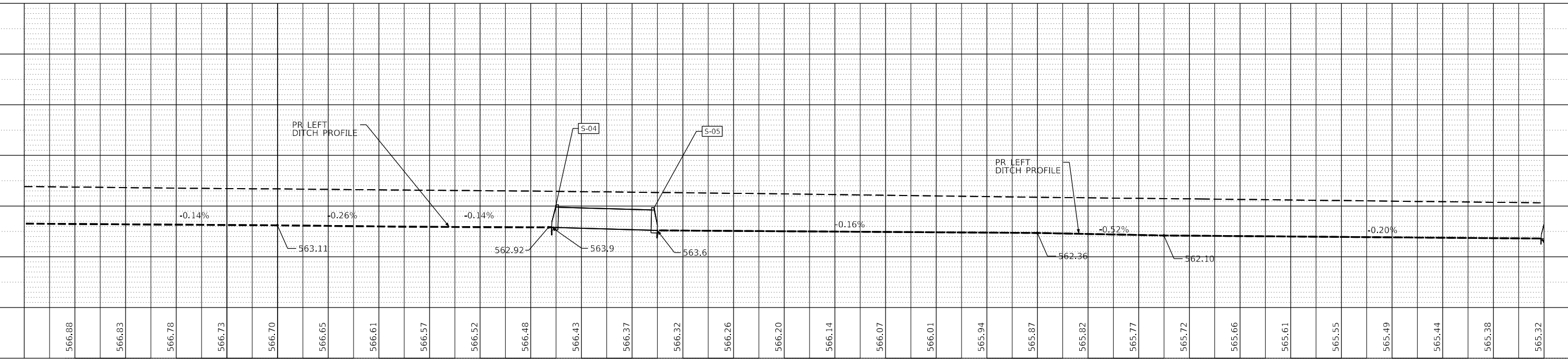
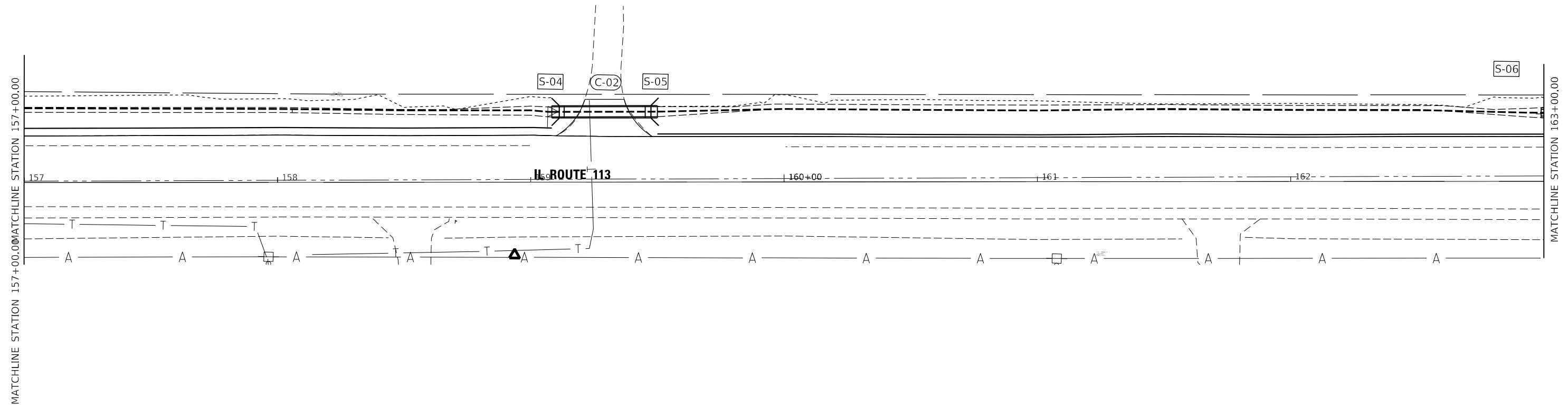
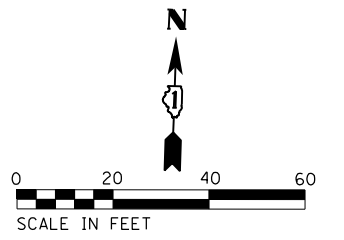
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C-02 PCB CULVERT NO. 2
4'X2' 42 FT @ 0.71%

S-04 BOX CULV END SECTION
CULVERT NO. 2
STA. 159+08.32 27.81 LT
W 562.90

S-05 BOX CULV END SECTION
CULVERT NO. 2
STA. 155+49.96 27.80 LT
E 562.60

S-06 PIPE CULV END SECTION
CULVERT NO. 3
STA. 162+98.91 27.14 LT
W 561.8



	USER NAME = todd,williams	DESIGNED - TDW	REVISED -
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	PLOT DATE = 2/6/2023	CHECKED - MSM	REVISED -
		DATE - 2/10/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE
IL-113 DRAINAGE IMPROVEMENTS

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 157+00.00 TO STA. 163+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	55
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

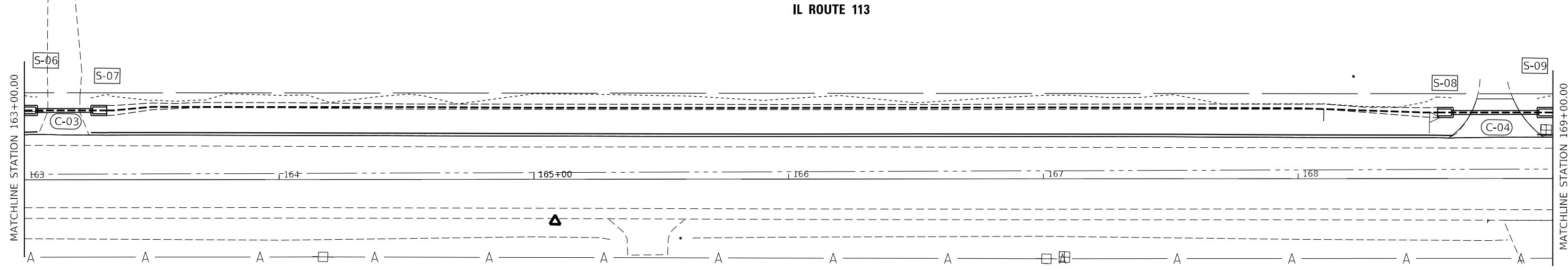
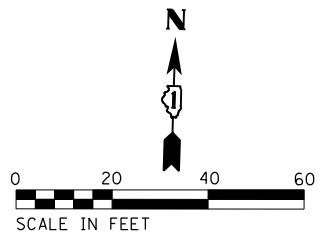
C-03 PIPE CULVERT NO. 3
18" DIA. 22 FT @ 0.09%

S-06 PIPE CULV END SECTION
CULVERT NO. 3
STA. 162+98.91 27.14 LT
W 561.8

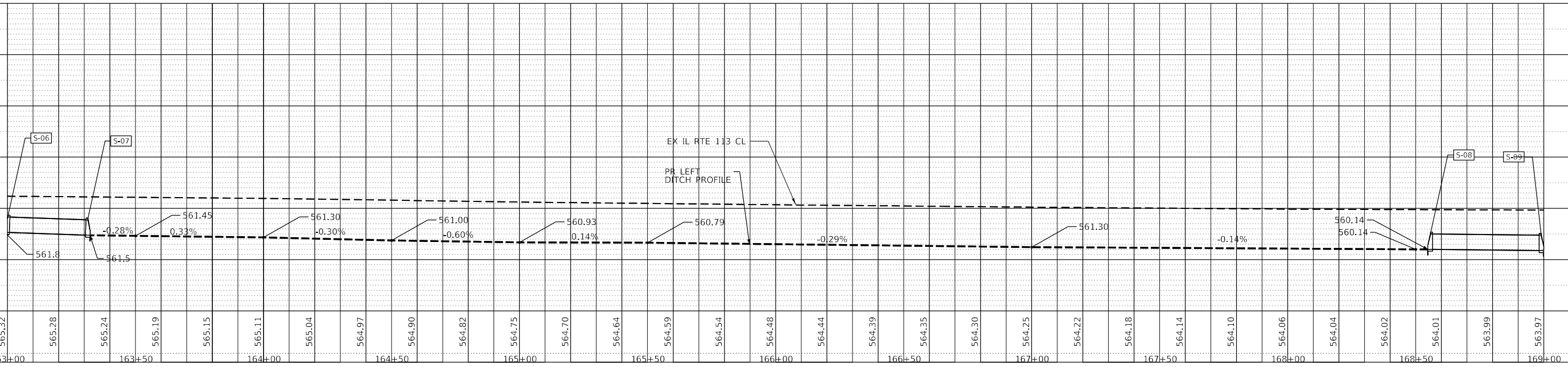
S-07 PIPE CULV END SECTION
CULVERT NO. 3
STA. 163+32.29 27.14 LT
W 561.50

C-04 PIPE CULVERT NO. 4
18" DIA. 34 FT @ 0.03%

S-08 PIPE CULV END SECTION
CULVERT NO. 4
STA. 168+54.72 25.87 LT
W 560.14



IL ROUTE 113



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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
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	NOTE BOOK NO.	

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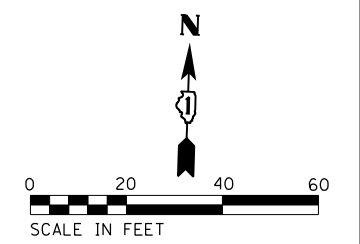
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	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN AND PROFILE	
IL-113 DRAINAGE IMPROVEMENTS	
SCALE: 1"=20'	SHEET 3 OF 4 SHEETS
STA. 163+00.00	TO STA. 169+00.00

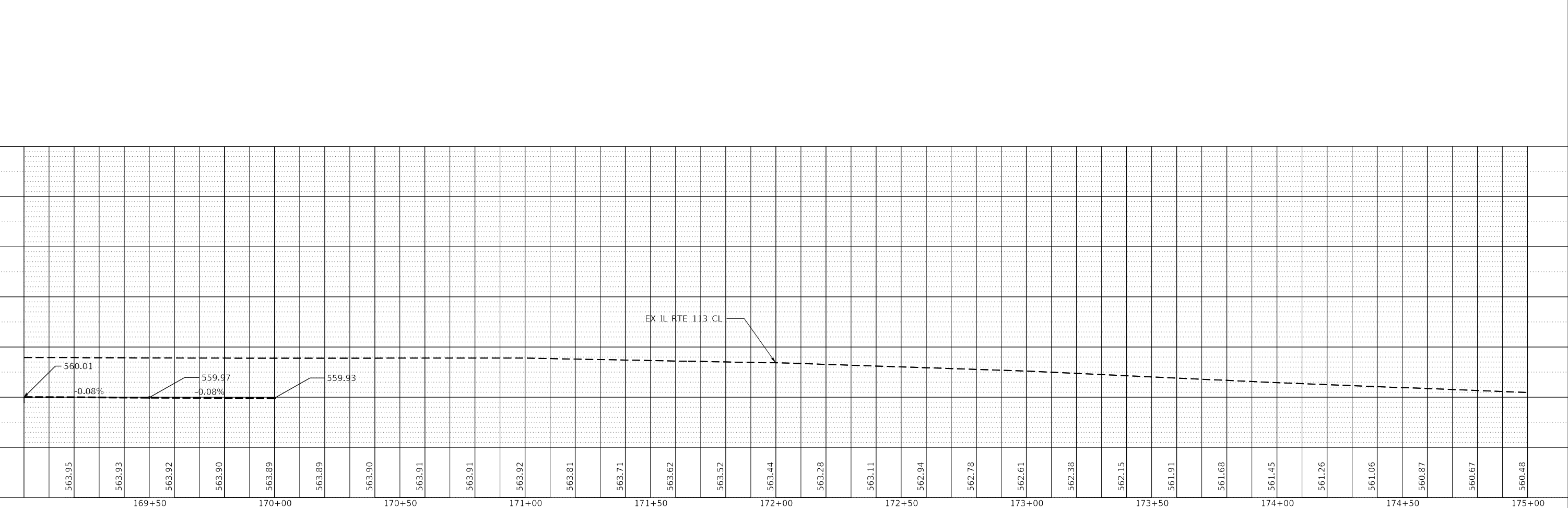
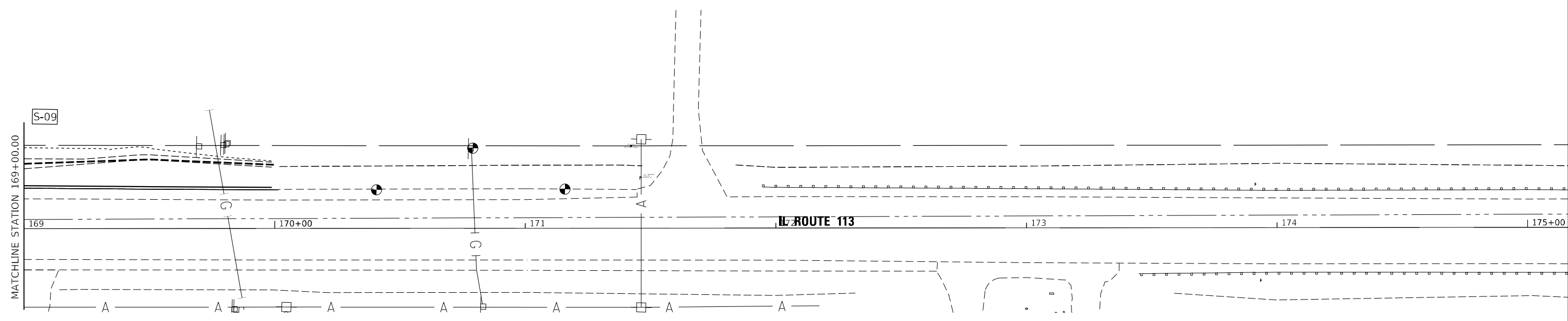
F.A.S. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 56
ILLINOIS				FED. AID PROJECT
CONTRACT NO. 62N86				

S-09
 PIPE CULV END SECTION
 CULVERT NO. 4
 STA. 168.99.97 25.87 LT
 W 560.01



PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CPKD		

PROFILE	SURVEYED	BY	DATE
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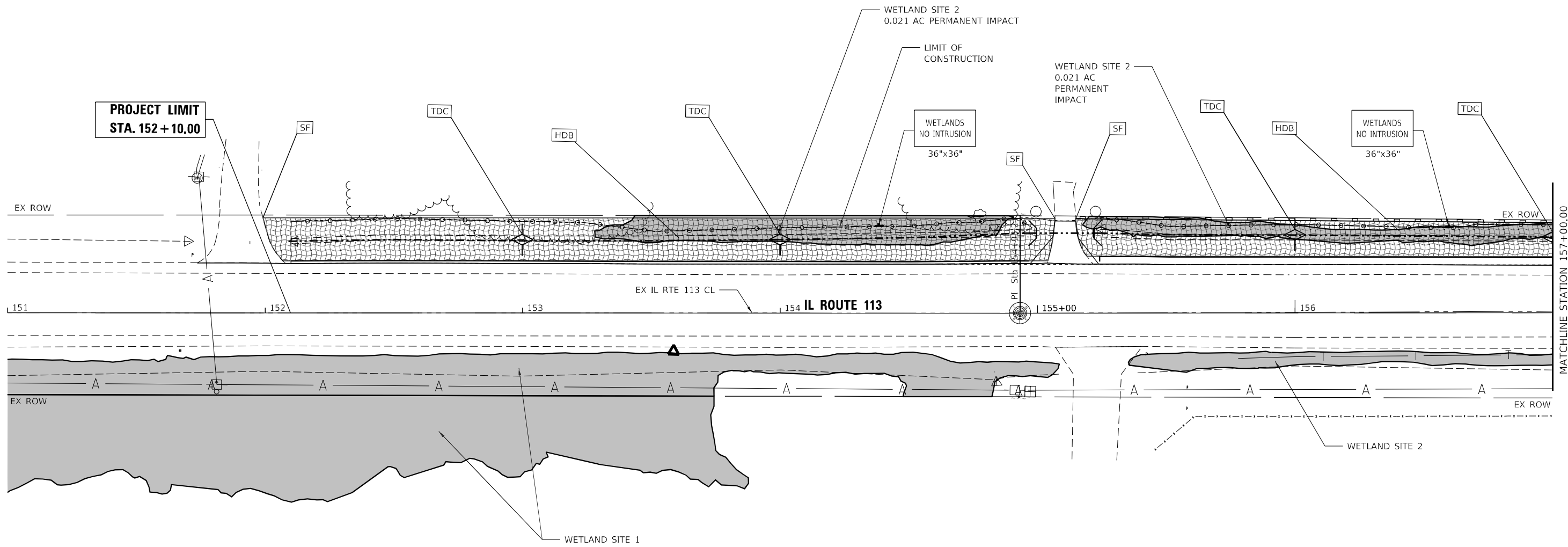
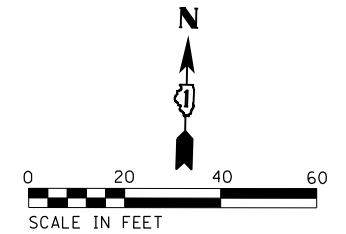
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	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE
 IL-113 DRAINAGE IMPROVEMENTS**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 169+00.00 TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	57
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

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

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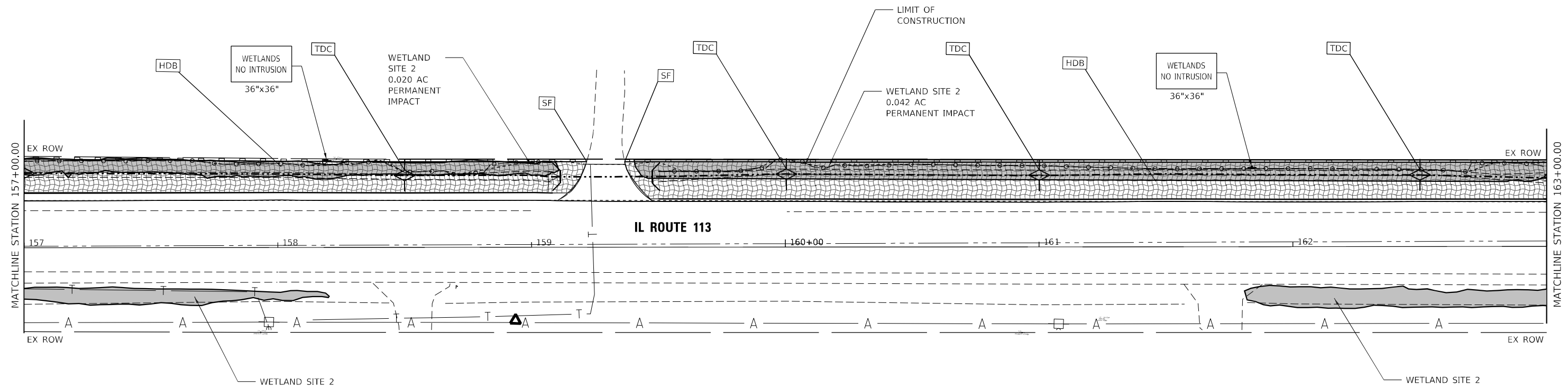
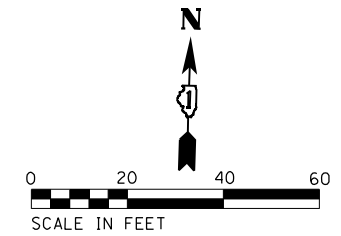
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**









**IL 113: EAST OF SHENK ROAD & WEST OF WEST RIVER ROAD
EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 151+00.00 TO STA. 157+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	58
CONTRACT NO. 62N86				
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
-  ECB - TEMPORARY EROSION CONTROL BLANKET
-  HDB - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
-  -o- PROPOSED GRADING LIMITS

MODEL Alignment
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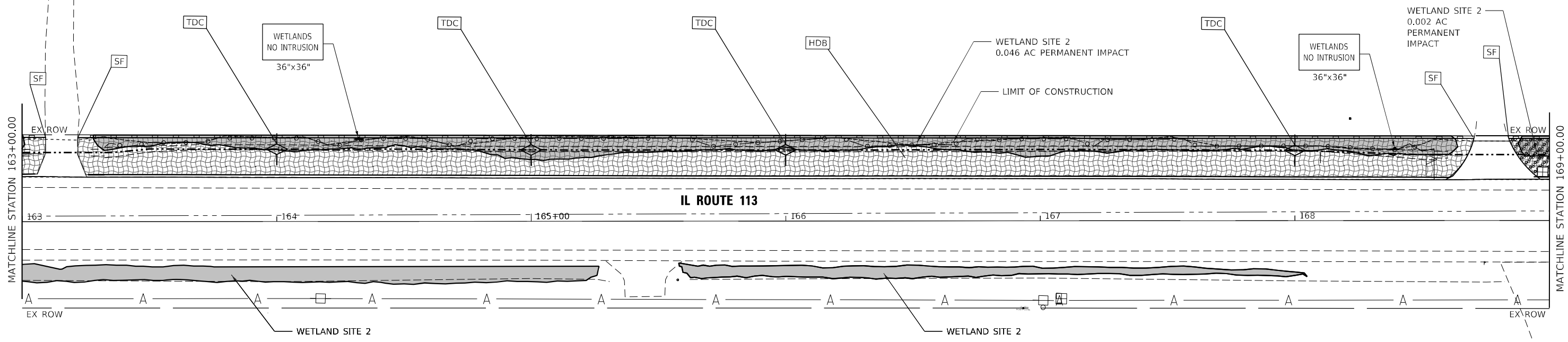
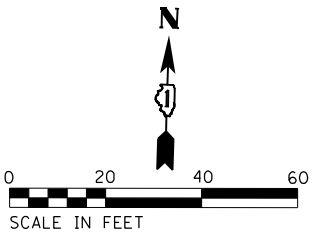
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PLOT DATE = 2/8/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 113: EAST OF SHENK ROAD & WEST OF WEST RIVER ROAD
EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. 157+00.00 TO STA. 163+00.00

F.A.S. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 59
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	



EROSION CONTROL LEGEND

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

MODEL Alignment
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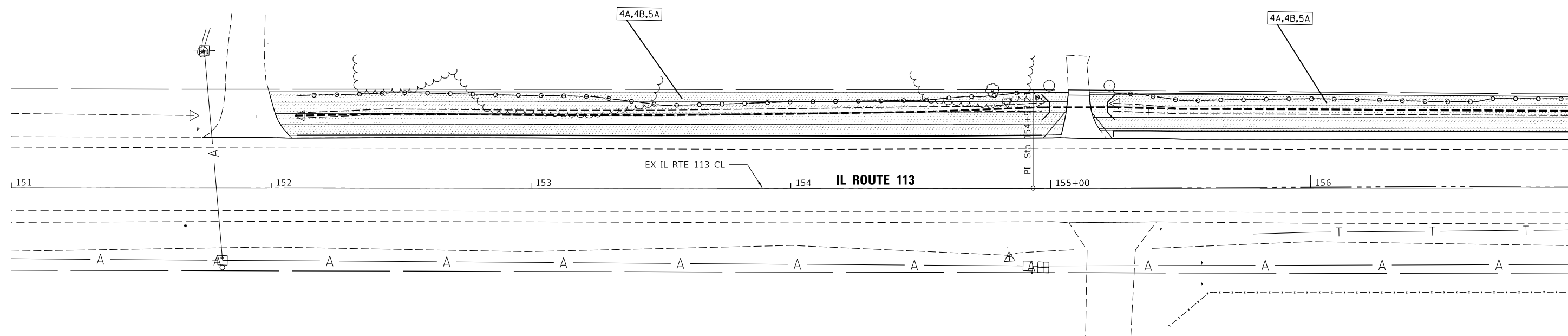
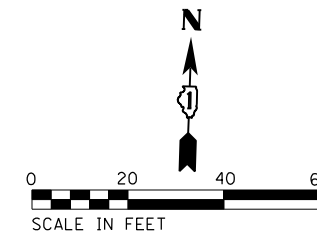
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION







IL 113: EAST OF SHENK ROAD & WEST OF WEST RIVER ROAD
EROSION CONTROL PLAN

SCALE: 1" = 20' SHEET 3 OF 4 SHEETS STA. 163+00.00 TO STA. 169+00.00

F.A.S. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



LANDSCAPING LEGEND

- 

 TOPSOIL FURNISH AND PLACE, 4"
 SEEDING, CLASS 2A
 EROSION CONTROL BLANKET
- 

 SEEDING, CLASS 4A, CLASS 4B, CLASS 5A
 HEAVY DUTY EROSION CONTROL BLANKET
- 

 TOPSOIL FURNISH AND PLACE, 4"
 SOD, SALT TOLERANT

MODEL: Alignment
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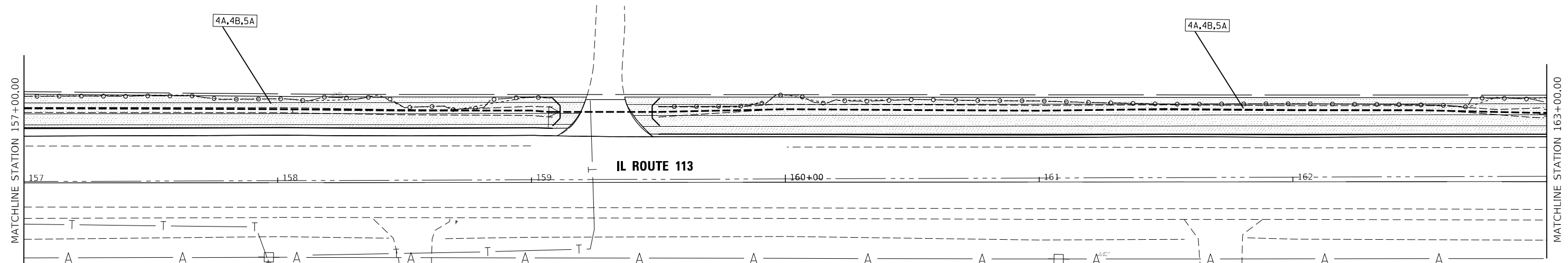
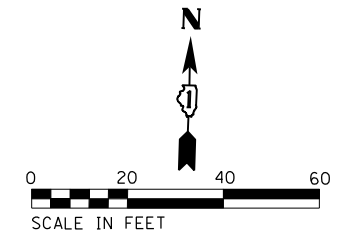
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**







**IL 113: EAST OF SHENK ROAD & WEST OF WEST RIVER ROAD
PAVEMENT MARKING AND LANDSCAPING PLAN**

SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 150+00.00 TO STA. 157+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



LANDSCAPING LEGEND

- 

 TOPSOIL FURNISH AND PLACE, 4"
 SEEDING, CLASS 2A
 EROSION CONTROL BLANKET
- 

 SEEDING, CLASS 4A, CLASS 4B, CLASS 5A
 HEAVY DUTY EROSION CONTROL BLANKET
- 

 TOPSOIL FURNISH AND PLACE, 4"
 SOD, SALT TOLERANT

MODEL: Alignment
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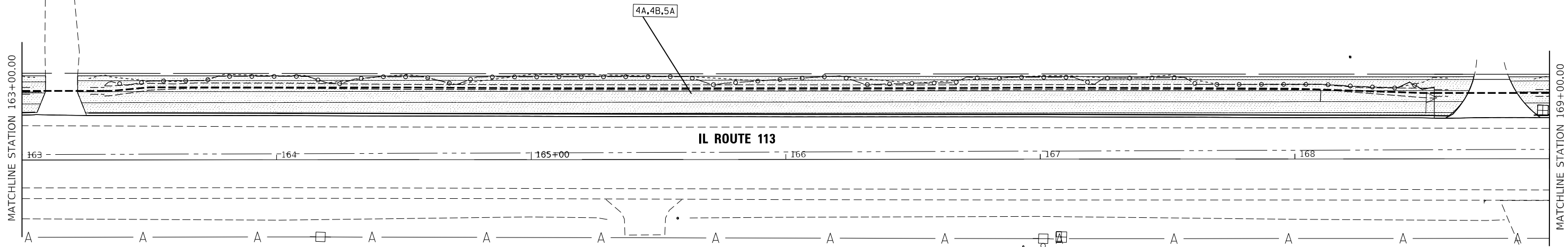
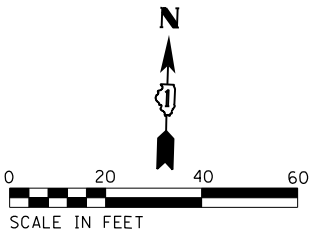
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PLOT DATE = 3/15/2023	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


**IL 113: EAST OF SHENK ROAD & WEST OF WEST RIVER ROAD
PAVEMENT MARKING AND LANDSCAPING PLAN**


SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. 157+00.00 TO STA. 163+00.00


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	63
CONTRACT NO. 62N86				
ILLINOIS		FED. AID PROJECT		



LANDSCAPING LEGEND

- 
2A — TOPSOIL FURNISH AND PLACE, 4"
 SEEDING, CLASS 2A
 EROSION CONTROL BLANKET

- 
4A,4B,5A — SEEDING, CLASS 4A, CLASS 4B, CLASS 5A
 HEAVY DUTY EROSION CONTROL BLANKET

- 
SST — TOPSOIL FURNISH AND PLACE, 4"
 SOD, SALT TOLERANT

MODEL: Alignment
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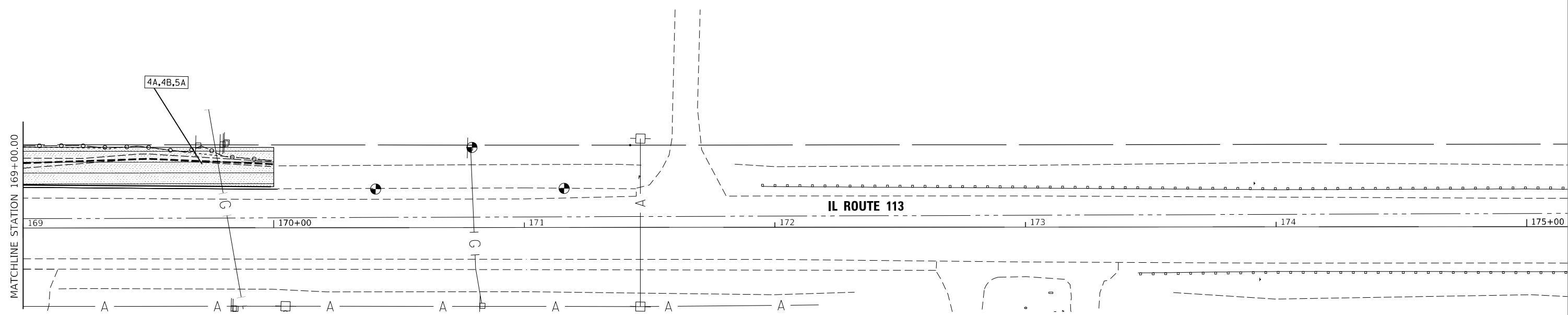
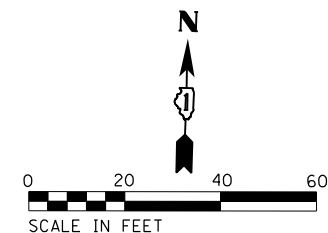


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
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


IL 113: EAST OF SHENK ROAD & WEST OF WEST RIVER ROAD
PAVEMENT MARKING AND LANDSCAPING PLAN
 SCALE: 1" = 20' SHEET 3 OF 4 SHEETS STA. 163+00.00 TO STA. 169+00.00


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



LANDSCAPING LEGEND

- 
2A
 - TOPSOIL FURNISH AND PLACE, 4"
 - SEEDING, CLASS 2A
 - EROSION CONTROL BLANKET

- 
4A,4B,5A
 - SEEDING, CLASS 4A, CLASS 4B, CLASS 5A
 - HEAVY DUTY EROSION CONTROL BLANKET

- 
SST
 - TOPSOIL FURNISH AND PLACE, 4"
 - SOD, SALT TOLERANT

MODEL: Alignment
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

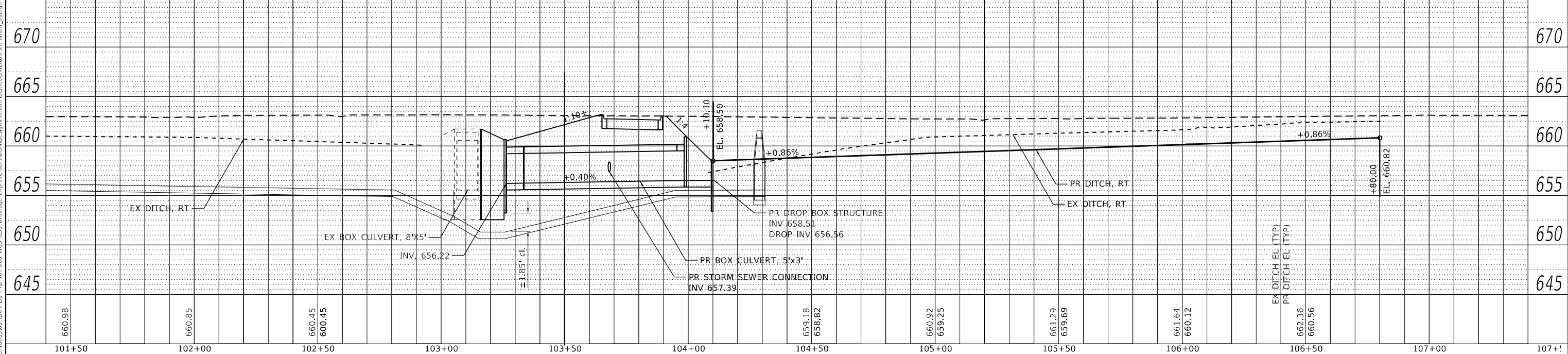
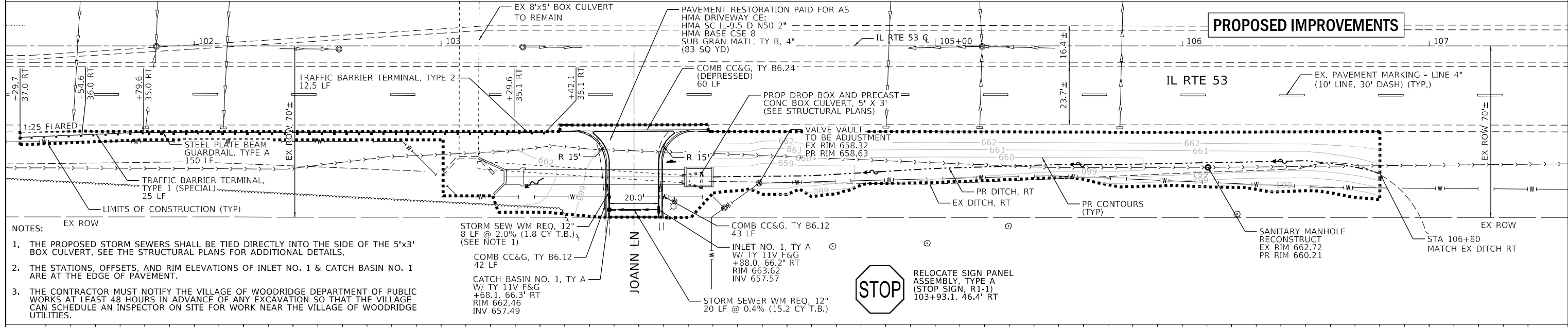
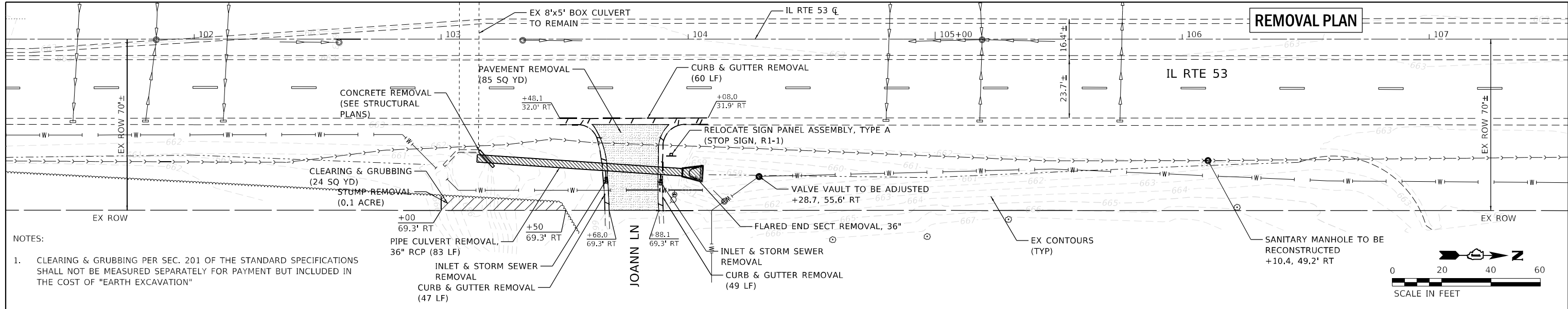
**IL 113: EAST OF SHENK ROAD & WEST OF WEST RIVER ROAD
PAVEMENT MARKING AND LANDSCAPING PLAN**

SCALE: 1" = 20' SHEET 4 OF 4 SHEETS STA. 169+00.00 TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	65
CONTRACT NO. 62N86				
ILLINOIS		FED. AID PROJECT		

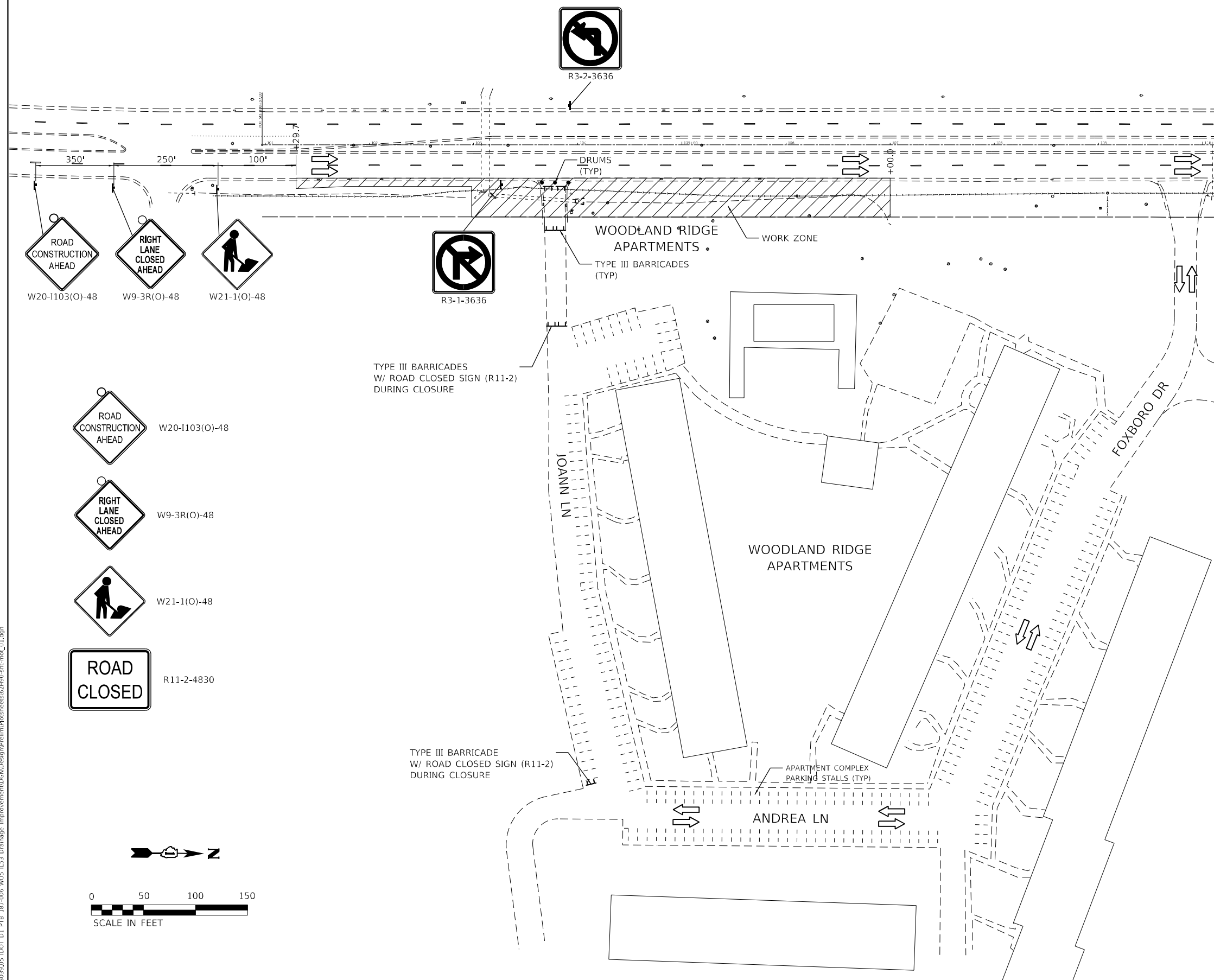
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DATE	
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NO.	



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FILE NAME = Z:\18039\05 IDOT D1 P1B 187-009 W05 IL53 Drainage Improvement\Design\Prelim\Plotsheets\2490-etc-nc1_01.dgn



GENERAL NOTES

DETECTABLE PEDESTRIAN OR TYPE III BARRICADES SHALL BE EQUIPPED WITH BI-DIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. BARRICADES WITH LEG EXTENSIONS SHALL BE USED WHERE NEEDED TO PROVIDE A MINIMUM DISTANCE OF 36" BETWEEN THE PAVEMENT AND TOP OF BARRICADE. BARRICADE IN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO A MINIMUM OF ONE ENTRANCE AT ALL TIMES DURING CONSTRUCTION OPERATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY NEW PAVEMENT OR PAVEMENT NOT PROPOSED TO BE REPLACED AS PART OF THE PROJECT, INCLUDING SIDEWALK AND CURB AND GUTTER THAT IS DAMAGED BY CONSTRUCTION ACTIVITIES.

THE CONTRACTOR SHALL KEEP PEDESTRIAN ROUTES FREE AND CLEAR FROM DIRT, DEBRIS AND BLOCKAGE AT ALL TIMES UNLESS PLANS INDICATE THEY ARE TO BE CLOSED DURING CONSTRUCTION.

ADVANCE SIGNS PER APPLICABLE IDOT HIGHWAY STANDARDS SHALL BE MAINTAINED THROUGH ALL STAGES OF CONSTRUCTION.

THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

ALL LANE CLOSURES ON IL ROUTE 53 SHALL BE IN ACCORDANCE WITH APPLICABLE IDOT HIGHWAY STANDARDS DURING ALLOWABLE HOURS AS SPECIFIED IN THE SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC".

THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY CHANGE IN STAGING AT LEAST TWO (2) WORKING DAYS IN ADVANCE.

ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES AND SHALL BE CONSIDERED AS PART OF THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

THE CONTRACTOR SHALL MAINTAIN DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION.

TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT. BARRICADES SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL PROTECTION, (SPECIAL)". ALL TYPE III BARRICADES SHALL HAVE TWO (2) FLASHING AMBER LIGHTS.

FLAGGERS MUST BE CERTIFIED AND CARRY THEIR CERTIFICATION CARD ON THEM WHEN WORKING. PROPER STOP/SLOW PADDLES MUST BE UTILIZED AND ALL REQUIRED SAFETY GARMENTS MUST BE WORN ON THE JOB SITE. "FLAGGER" WARNING SIGNS MUST BE IN PLACE WHENEVER FLAGGERS ARE PRESENT. THESE SIGNS MUST BE COVERED OR REMOVED WHEN NOT APPLICABLE.

TYPE II, AND/ OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.

THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, WARNING LIGHTS, AND SIGNS WILL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

WHEN REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FROM EACH STAGE OF CONSTRUCTION AS PART OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

STAGE 1 NOTES

THIS STAGE WILL INCLUDE THE REMOVAL OF THE ENTRANCE AT JOANN LANE, THE REMOVAL OF THE PIPE CULVERT UNDER JOANN LANE, THE REMOVAL OF THE WING WALL ON THE 8x5 CULVERT, THE CONSTRUCTION OF THE 5x3 BOX CULVERT AND DROP BOX AND WING WALLS, THE CONSTRUCTION OF THE INLETS AND THEIR CONNECTION TO THE 5x3 CULVERT, AND THE CONSTRUCTION OF THE DITCH IMPROVEMENT, ALL AS SHOWN IN THE PLANS.

REQUIREMENTS AND CONSIDERATION FOR THIS STAGE INCLUDE:

1. THE ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR 1 WEEK IN ADVANCE OF CLOSING THE JOANN LANE ENTRANCE.
2. A TEMPORARY INFORMATION SIGN SHALL BE PLACED AT THE ENTRANCE DURING THE CLOSURE OF JOANN LANE, IDENTIFYING THE EXPECTED DATES FOR THE BEGINNING AND END OF THE CLOSURE. THE SIGN SHALL BE POSTED A MINIMUM OF 72 HOURS IN ADVANCE OF THE CLOSURE.
3. TRAFFIC CONTROL DEVICES SHALL BE IN PLACE TO ALERT RESIDENTS OF THE ENTRANCE CLOSURE AT JOANN LANE PRIOR TO THE START OF STAGE 1.
4. ANY CURB OR PAVEMENT REMOVAL ADJACENT TO IL ROUTE 53 WILL REQUIRE THE UTILIZATION OF IDOT HIGHWAY STANDARD 701606 FOR MAINTENANCE OF TRAFFIC.

STAGE 2 NOTES

THIS STAGE WILL INCLUDE THE CONSTRUCTION OF THE ENTRANCE AT JOANN LANE AS SHOWN IN THE PLANS.

REQUIREMENTS AND CONSIDERATION FOR THIS STAGE INCLUDE:

1. TRAFFIC CONTROL DEVICES IN PLACE TO ALERT RESIDENTS OF THE CLOSURE AT JOANN LANE SHALL BE MAINTAINED DURING STAGE 2 OPERATIONS.
2. ANY CURB OR PAVEMENT WORK ADJACENT TO IL ROUTE 53 WILL REQUIRE THE UTILIZATION OF IDOT HIGHWAY STANDARD 701606 FOR MAINTENANCE OF TRAFFIC.

STAGE 3 NOTES

THIS STAGE WILL INCLUDE THE RESTORATION OF THE PROJECT SITE AS SHOWN IN THE PLANS.

REQUIREMENTS AND CONSIDERATION FOR THIS STAGE INCLUDE:

1. THE ENTRANCE AT JOANN LANE SHALL BE OPEN DURING STAGE 3 OPERATIONS.

WBK engineering

WBKENGINEERING LLC
 116 WEST MAIN STREET, SUITE 201
 ST. CHARLES, ILLINOIS 60174
 (630) 443-7755

USER NAME = skierplec	DESIGNED - MNB	REVISED -
PLOT SCALE = 1:100	DRAWN - NDP	REVISED -
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	DATE - 11/17/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

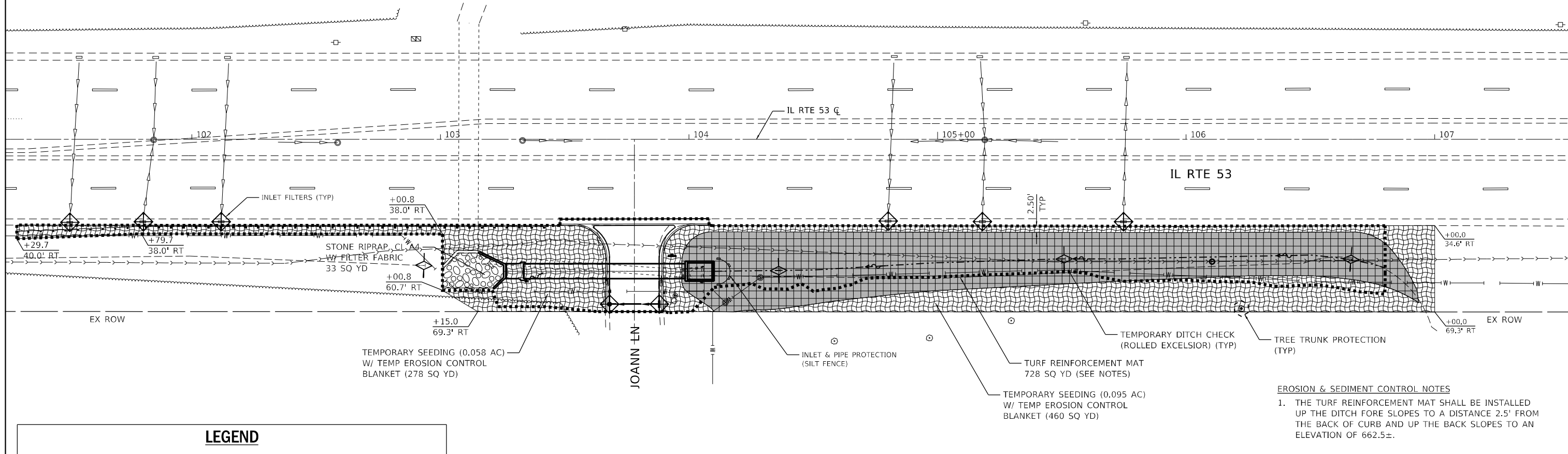
**MAINTENANCE OF TRAFFIC PLAN
IL 53 AT JOANN LN DRAINAGE IMPROVEMENTS**

SCALE: 1"=50'

SHEET 1 OF 1 SHEETS STA. TO STA.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	2021-055-DR	DUPAGE	125	67
CONTRACT NO.62N86				
ILLINOIS FED. AID PROJECT				

EROSION & SEDIMENT CONTROL PLAN

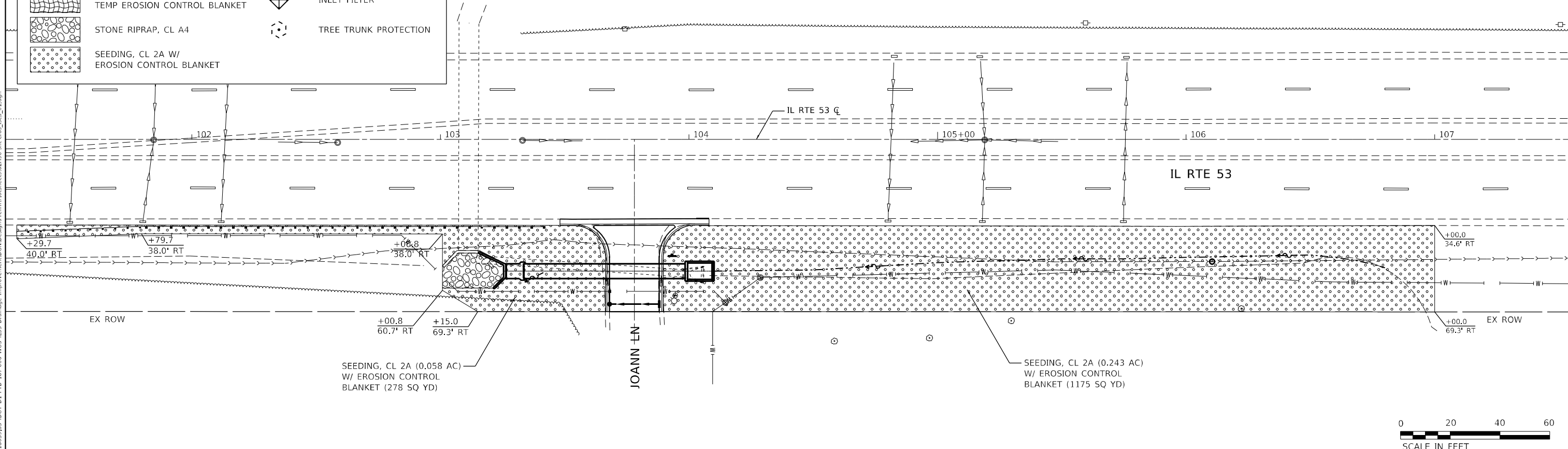
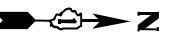


- EROSION & SEDIMENT CONTROL NOTES**
1. THE TURF REINFORCEMENT MAT SHALL BE INSTALLED UP THE DITCH FORE SLOPES TO A DISTANCE 2.5' FROM THE BACK OF CURB AND UP THE BACK SLOPES TO AN ELEVATION OF 662.5±.

LEGEND

	TURF REINFORCEMENT MAT		TEMPORARY DITCH CHECK (ROLLED EXCELSIOR)
	TEMPORARY SEEDING W/ TEMP EROSION CONTROL BLANKET		INLET FILTER
	STONE RIPRAP, CL A4		TREE TRUNK PROTECTION
	SEEDING, CL 2A W/ EROSION CONTROL BLANKET		

SEEDING PLAN



FILE NAME = Z:\18039\05 DOT D1 PTB 187-008 W05 IL53 Drainage Improvements\Design\Prelim\Plotsheets\62H00-53-eros_fsc2_01.dgn

WBK engineering
 WBKENGINEERING LLC
 116 WEST MAIN STREET, SUITE 201
 ST. CHARLES, ILLINOIS 60174
 (630) 443-7755

USER NAME = RGAH	DESIGNED - RMS	REVISED -
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	DATE - 11/17/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION & SEDIMENT CONTROL PLAN
 IL 53 AT JOANN LN DRAINAGE IMPROVEMENTS**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. TO STA.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	2021-055-DR	DUPAGE	125	68
CONTRACT NO.62N86				
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

- A) UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.
- B) THE RESIDENT ENGINEER MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- C) A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- D) THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
- E) IT IS THE RESPONSIBILITY OF THE ENGINEER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
- F) SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE PROJECT SITE THAT ARE NOT TO BE DISTURBED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL STABILIZATION IS ACHIEVED.
- G) SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF TRIBUTARY AREAS.
- H) OFF-SITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO PREVENT EROSION
- I) THE CONTRACTOR IS RESPONSIBLE FOR INDICATING THE CURRENT LOCATION OF THE CONCRETE WASHOUT AND ANY MODIFICATIONS TO THE LOCATIONS OR DETAILS OF EROSION AND SEDIMENT CONTROLS ON THESE PLANS.

EROSION CONTROL INSPECTION

ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH ½" RAIN EVENT.

STOCK PILE LOCATIONS AND PROTECTING STOCK PILE AREAS

STOCK PILES SHOULD NOT BE PLACED IN OR NEAR CRITICAL AREAS, OR AREAS THAT HAVE HIGH POTENTIAL FOR CONTRIBUTING SEDIMENTS TO STORMWATER FACILITIES.

CONTRACTOR MAY OPT TO STOCK PILE MATERIAL. STAGING OF THE PROJECT IS AT THE DISCRETION OF THE CONTRACTOR AND COORDINATION OF STOCK PILES WILL BE WITH THE ENGINEER. STOCKPILES OF SOIL AND OTHER CONSTRUCTION MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES, NOT BEING ACTIVELY WORKED AND TO REMAIN IN PLACE FOR 14 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.

STABILIZED CONSTRUCTION AREA

STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NOT LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE USED.

STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE PROJECT SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE PROJECT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.

TEMPORARY STABILIZATION OF THE CONSTRUCTION AREA SHOULD TAKE PLACE AT THE END OF EACH WORK DAY.

PERMANENT STABILIZATION OF THE CONSTRUCTION AREA SHALL BE COMPLETED WITHIN 7 DAYS OF FINAL GRADING.

ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION OF THE SITE IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NECESSARY. TRAPPED SEDIMENT SHALL BE REMOVED AND DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED.

KEEPING PAVEMENTS CLEAN

THE CONTRACTOR WILL KEEP ALL PERMANENT PAVEMENT SURFACES CLEAN OF DIRT OR CONSTRUCTION DEBRIS. THE PAVEMENT SHALL BE CLEANED AT THE END OF EACH DAY'S OPERATION OR MORE FREQUENTLY AS REQUIRED BY THE ENGINEER IF THE DEBRIS IS DEEMED TO BE A HAZARD TO THE MOTORING PUBLIC.

STABILIZED CONSTRUCTION ENTRANCE

A STABILIZED CONSTRUCTION ENTRANCE IS NOT ANTICIPATED FOR THIS PROJECT.

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING				A		*	*	A				
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C									
EROSION CONTROL	D											

- A. CLASS 2A
- B. INCREASE SEEDING RATES BY 25% WHEN DORMANT SEEDING (NOT ANTICIPATED)
- C. TEMPORARY SEEDING (PERENNIAL RYE GRASS, SPRING OATS)
- D. TEMPORARY EROSION CONTROL BLANKET, MULCH METHOD 2 (PERMANENT SEED AREAS, TEMPORARY SEED AREAS AS DIRECTED BY THE ENGINEER)

* IRRIGATION MAY BE NEEDED DURING JUNE AND JULY (INCLUDED IN SEEDING)

NOTE: SEEDING TO BE COMPLETED PER REQUIREMENTS OF SECTION 250 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGES AND THE SPECIAL PROVISIONS.

CONCRETE WASHOUT

CONCRETE WASHOUT(S) ARE ANTICIPATED FOR THIS PROJECT. IT SHOULD BE DRAWN ON THESE PLANS BY THE CONTRACTOR AT THE TIME OF INSTALLATION. WASHOUTS ARE TO BE CONSTRUCTED AND MAINTAINED IN A MANNER CONSISTENT WITH THE DETAILS ON THE PLANS AND THE LATEST EDITION OF THE ILLINOIS URBAN MANUAL.

CONCRETE WASHOUT SHALL BE CONTAINED AT ALL TIMES. WASHOUT MATERIAL SHALL NOT BE ALLOWED TO ENTER WATER BODIES, STORM SEWERS OR LEACH INTO THE SOIL UNDER ANY CIRCUMSTANCES. ANY WASTE SHALL BE DISPOSED OF PROPERLY AND THE LOCATION OF THE WASHOUT SHALL BE DESIGNATED WITH PROPER SIGNAGE. FAILURE TO COMPLY COULD RESULT IN A VIOLATION.

DIVERSION AND DEWATERING

DIVERSION AND DEWATERING WORK SHALL CONSIST OF FURNISHING ALL LABOR, TOOLS, EQUIPMENT, AND MATERIALS TO INSTALL, MAINTAIN, AND OPERATE ALL NECESSARY DEWATERING SYSTEMS TO DIVERT, REMOVE WATER FROM THE CHANNEL REACH OR DESIGNED TO CONTROL SEDIMENT DISCHARGE IN DEWATERING APPLICATIONS WHERE WATER IS BEING PUMPED FOR THE CONSTRUCTION OF THE PROPOSED CULVERT, HEADWALLS, STONE RIP RAP CHANNEL LINING AND OTHER WORK ASSOCIATED WITH CONSTRUCTION OF THE CULVERT TO ASSURE THE WORK CAN BE COMPLETED IN THE DRY OR IN MANAGEABLE CONDITIONS AS APPROVED BY THE ENGINEER.

THIS ITEM WILL ALSO CONSIST OF CONSTRUCTING A DEWATERING FILTERING SYSTEM CONSISTING OF FILTRATION OR SEDIMENT BAGS FOR COLLECTING SEDIMENT FROM PUMPING OPERATIONS WITHIN COFFER DAMS AND SUMP PITS. CONSTRUCTION WATERS WILL INCLUDE, BUT NOT BE LIMITED TO, ALL WATERS GENERATED FROM THE INSTALLATION OF CULVERT, HEADWALLS, DRAINAGE SYSTEMS, FOOTING AND AGGREGATE BASE CONSTRUCTION.

DIVERSION & DEWATERING - BASIS OF PAYMENT

ALL WORK REQUIRED TO PROVIDE FOR THE DEWATERING AND/OR DIVERSION SYSTEMS FOR THE CONSTRUCTION OF THE CULVERT, HEADWALLS, CHANNEL AND BANK STABILIZATION SHALL BE PAID AS "DIVERSION STRUCTURE", WHICH WORK SHALL INCLUDE MEANS AND METHODS FOR DESIGN OF COFFERDAMS, BARRIER WALL, FILTER FABRIC, PIPING, PUMPING, FOUNDATION PREPARATION, FRAMING AND SUPPORTS, DEWATERING FILTERING SYSTEM CONSISTING OF FILTRATION OR SEDIMENT BAGS, INSTALLATION, MAINTENANCE, REMOVAL OF SYSTEMS AND ALL LABOR, MATERIAL, AND EQUIPMENT NEEDED TO PERFORM THE WORK DESCRIBED HEREIN AND AS SPECIFIED ON THE PLANS.

TEMPORARY EROSION CONTROL SEEDING

ALL EXPOSED IDLE EARTH, INCLUDING STOCKPILES, WILL BE SEEDDED WITH TEMPORARY EROSION CONTROL SEEDING. THE APPLICATION RATE FOR TEMPORARY EROSION CONTROL SEEDING IS 100 POUNDS PER ACRE FOR THREE APPLICATIONS.

FILE NAME = Z:\18039\05 IDOT D1 PTB 187-009 W05 IL53 Drainage Improvement\DWG\Design\Prelim\Plotsheets\62H90U-eros_iscr_02.dgn



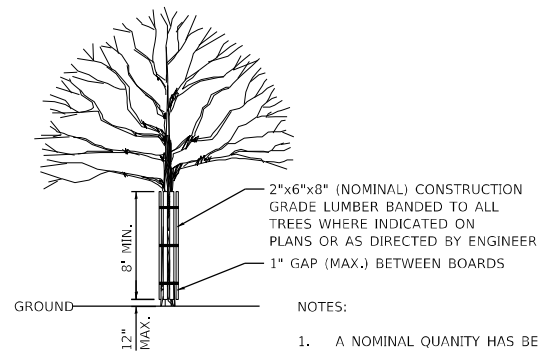
WBK ENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

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		DRAWN -	RMS	REVISED -	
PLOT SCALE =	1:2	CHECKED -	CL	REVISED -	
PLOT DATE =	2/7/2023	DATE -	11/17/2022	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

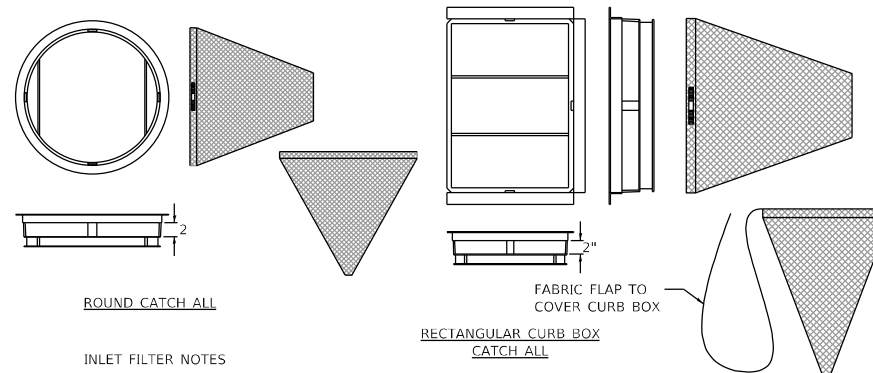
EROSION & SEDIMENT CONTROL NOTES			
IL 53 AT JOANN LN DRAINAGE IMPROVEMENTS			
SCALE:	SHEET 2	OF 4	SHEETS STA. TO STA.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	2021-055-DR	DUPAGE	125	69
ILLINOIS FED. AID PROJECT			CONTRACT NO.62N86	



TREE TRUNK PROTECTION
N.T.S.

- NOTES:
1. A NOMINAL QUANTITY HAS BEEN ADDED FOR USE AT THE ENGINEERS DISCRETION.



ROUND CATCH ALL

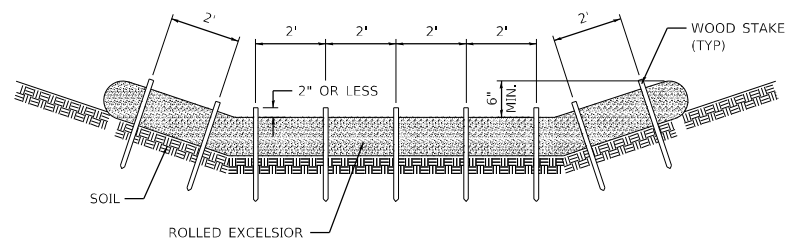
RECTANGULAR CURB BOX CATCH ALL

INLET FILTER NOTES

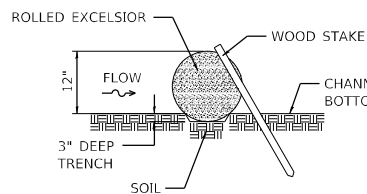
FRAME: TOP FLANGE FABRICATED FROM 1 1/2"x1 1/2"x1/2" ANGLE. BASE RIM FABRICATED FROM 1 1/2"x1/2"x1/2" CHANNEL. HANDLES AND SUSPENSION BRACKETS FABRICATED FROM 1 1/2"x1/2" FLAT STOCK. ALL STEEL CONFORMING TO ASTM-A36.

SEDIMENT BAG: BAG FABRICATED FROM 4 OZ./SQ.YD. NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. BAG SECURED TO BASE RIM WITH A STAINLESS STEEL BAND AND LOCK.

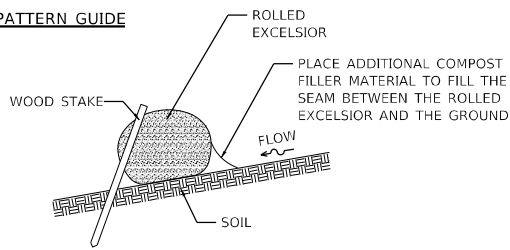
INLET FILTER DETAIL
N.T.S.



STAKING PATTERN GUIDE



STAKE DETAIL

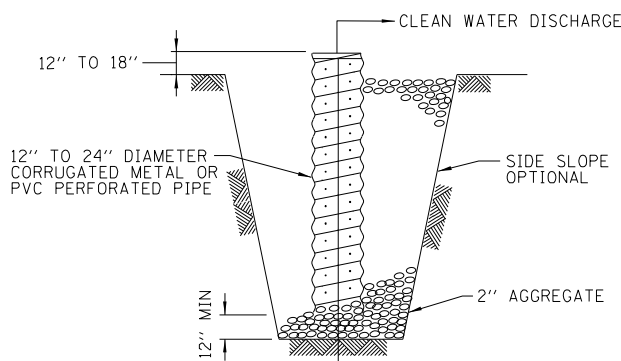


COMPOST FILTER SOCK DETAIL

NOTES:

1. ENDS OF ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
2. RECOMMENDED STAKES ARE 1 1/2" WIDE x 1 1/2" THICK x 30" LONG.
3. STAKES SHALL NOT EXTEND ABOVE THE ROLLED EXCELSIOR MORE THAN 2".
4. SPACING: THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.
5. WHEN COMPOST FILTER SOCK DITCH CHECK IS USED, PLACE A COMPOST BERM UPSTREAM OF THE FILTER SOCK (SEE IUM 805). A TRENCH IS NOT REQUIRED.
6. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL.
7. STAKES SHALL BE PLACED EVERY 2' FOR ROLLED EXCELSIOR, OR AS SPECIFIED BY THE MANUFACTURER.

TEMPORARY DITCH CHECK
ROLLED EXCELSIOR
STD. IUM-514
(ROLLED EROSION CONTROL PRODUCTS)



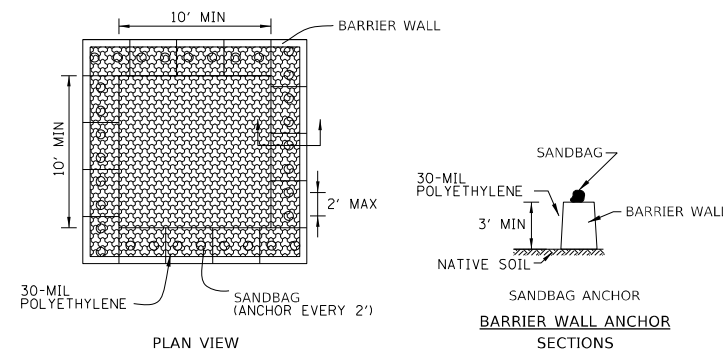
SECTION

SUMP PIT NOTES:

1. PIT DIMENSIONS ARE OPTIONAL.
2. THE STANDPIPE WILL BE CONSTRUCTED BY PERFORATING A 12"-24" DIAMETER CORRUGATED METAL OR PVC PIPE.
3. A BASE OF 2" AGGREGATE WILL BE PLACED IN THE PIT TO A MINIMUM DEPTH OF 12". AFTER INSTALLING THE STANDPIPE, THE PIT SURROUNDING THE STANDPIPE WILL THEN BE BACKFILLED WITH 2" AGGREGATE.
4. THE STANDPIPE WILL EXTEND 12" TO 18" ABOVE THE LIP OF THE PIT.
5. IF DISCHARGE WILL BE PUMPED DIRECTLY TO A STORM DRAINAGE SYSTEM, THE STANDPIPE WILL BE WRAPPED WITH FILTER FABRIC BEFORE INSTALLATION.
6. IF DESIRED, 1/2"-1/2" HARDWARE CLOTH MAY BE PLACED AROUND THE STANDPIPE PRIOR TO ATTACHING THE FILTER FABRIC. THIS WILL INCREASE THE RATE OF WATER SEEPAGE INTO THE PIPE.

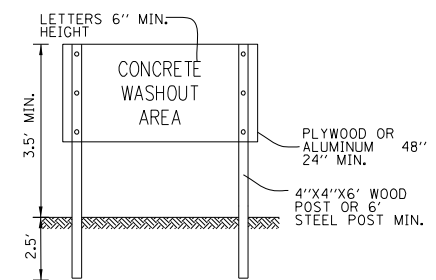
SUMP PIT PLAN
STD. IL-650
(SUMP PIT PLAN)

THE SUMP PIT WILL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE CONSIDERED PART OF THE DEWATERING OPERATIONS.



PLAN VIEW

BARRIER WALL ANCHOR SECTIONS



SIGN DETAIL

WASHOUT NOTES:

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

TEMPORARY CONCRETE
WASHOUT FACILITY - BARRIER WALL
STD. IUM-654BW
(TEMPORARY CONCRETE WASHOUT)

FILE NAME: Z:\18039\05 DOT D1 P1B 187-006 W05 IL53 Drainage Improvement\Design\Prelim\Plotsheets\62490-chen-eros_fscd_03.dgn

WBK engineering
WBKENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

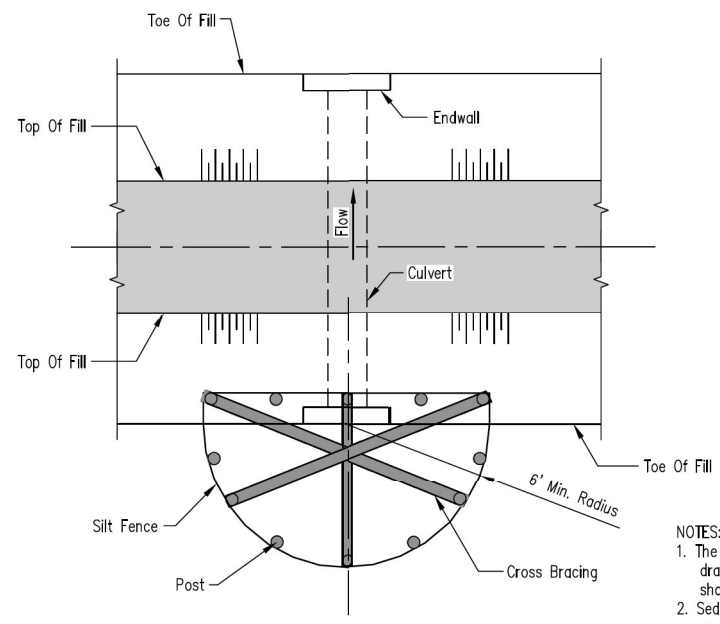
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	DATE - 11/17/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL DETAILS			
IL 53 AT JOANN LN DRAINAGE IMPROVEMENTS			
SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.

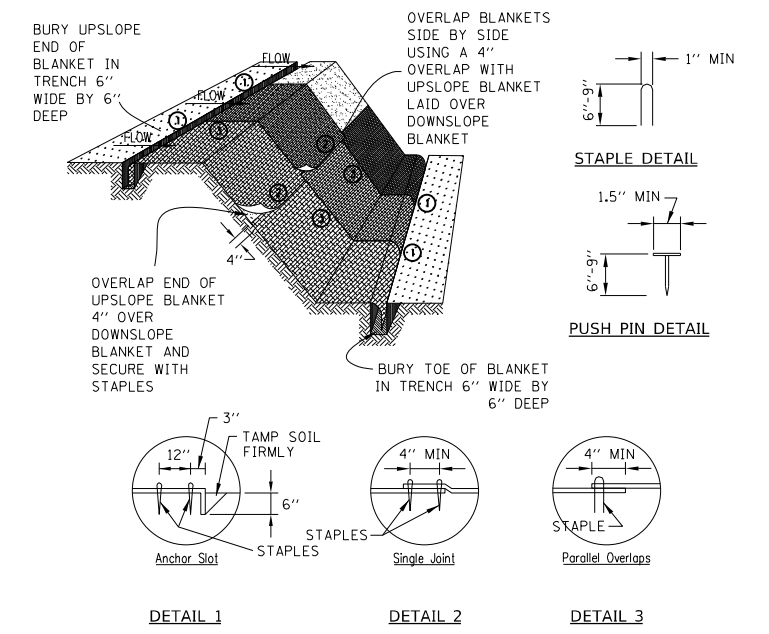
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	2021-055-DR	DUPAGE	125	70
CONTRACT NO.62N86			ILLINOIS FED. AID PROJECT	

FILE NAME = Z:\18039\05\DOT D1\PTB 187-008\W05_IL53_Drainage_Improvement\Design\Prelim\Plotsheets\62H90-eh-eros_fscd_04.dgn



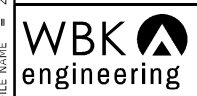
PLAN VIEW
INLET & PIPE PROTECTION

- NOTES:**
1. The silt fence shall meet the requirements as shown on standard drawing IL-ENG-49 SILT FENCE except the maximum post spacing shall be 3 feet and the tops of posts shall be cross braced.
 2. Sediment shall be removed when the sediment has accumulated to one-half the height of the silt fence.
 3. The maximum drainage area to the culvert being protected is 1 acre.



- NOTES:**
1. STAPLES SHALL BE PLACED IN A DIAMOND PATTERN AT 2 PER S.Y. FOR STITCHED BLANKETS. NON-STICHED SHALL USE 4 STAPLES PER S.Y. OF MATERIAL. THIS EQUATES TO 200 STAPLES WITH STITCHED BLANKET AND 400 STAPLES WITH NON-STICHED BLANKET PER 100 S.Y. OF MATERIAL
 2. STAPLE OR PUSH PIN LENGTHS SHALL BE SELECTED BASED ON SOIL TYPE AND CONDITIONS. (MINIMUM STAPLE LENGTH IS 6")
 3. EROSION CONTROL MATERIAL SHALL BE PLACED IN CONTACT WITH THE SOIL OVER A PREPARED SEEDBED.
 4. ALL ANCHOR SLOTS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

**EROSION CONTROL BLANKET
INSTALLATION DETAILS**
STD. IL-530A, IL-530B, IUM-531
(EROSION CONTROL BLANKET)



WBK ENGINEERING LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = RGal	DESIGNED - RMS	REVISED -
PLOT SCALE = 1:2	DRAWN - RMS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION & SEDIMENT CONTROL DETAILS
IL 53 AT JOANN LN DRAINAGE IMPROVEMENTS**

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

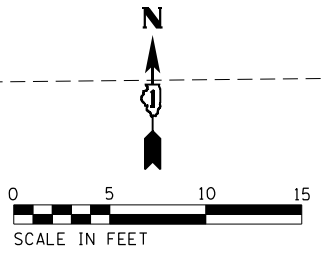
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870	2021-055-DR	DUPAGE	125	71
ILLINOIS FED. AID PROJECT			CONTRACT NO.62N86	

EX ROW

DIXIE HIGHWAY

121+00
VMM

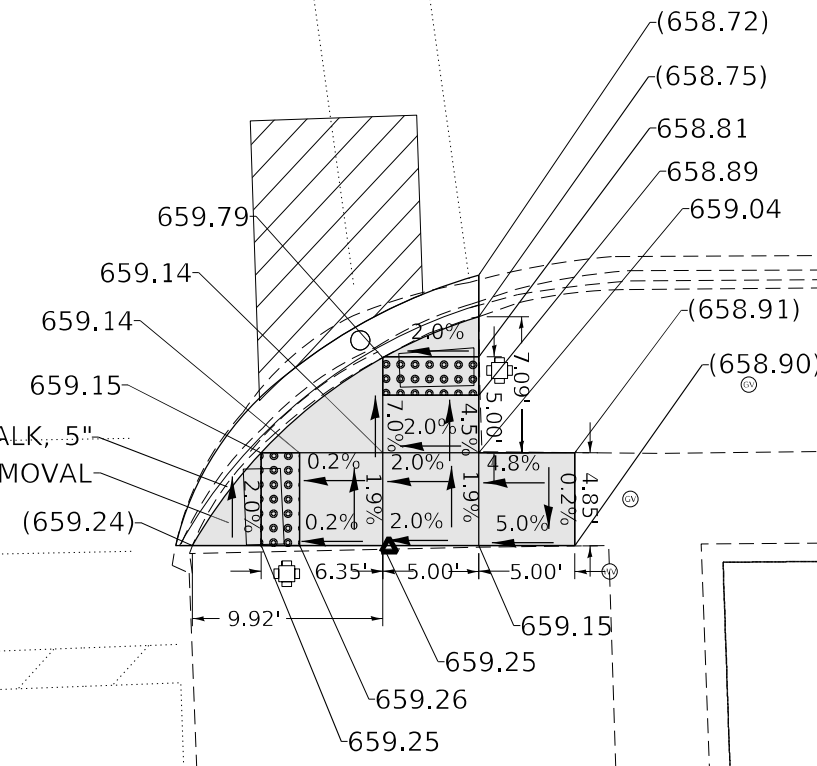
WILLOW ROAD



EX ROW

EX ROW

137 SF PCC SIDEWALK, 5"
137 SF SIDEWALK REMOVAL



LEGEND

xx.xx'

EXISTING LENGTH



PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL

MODEL: Default
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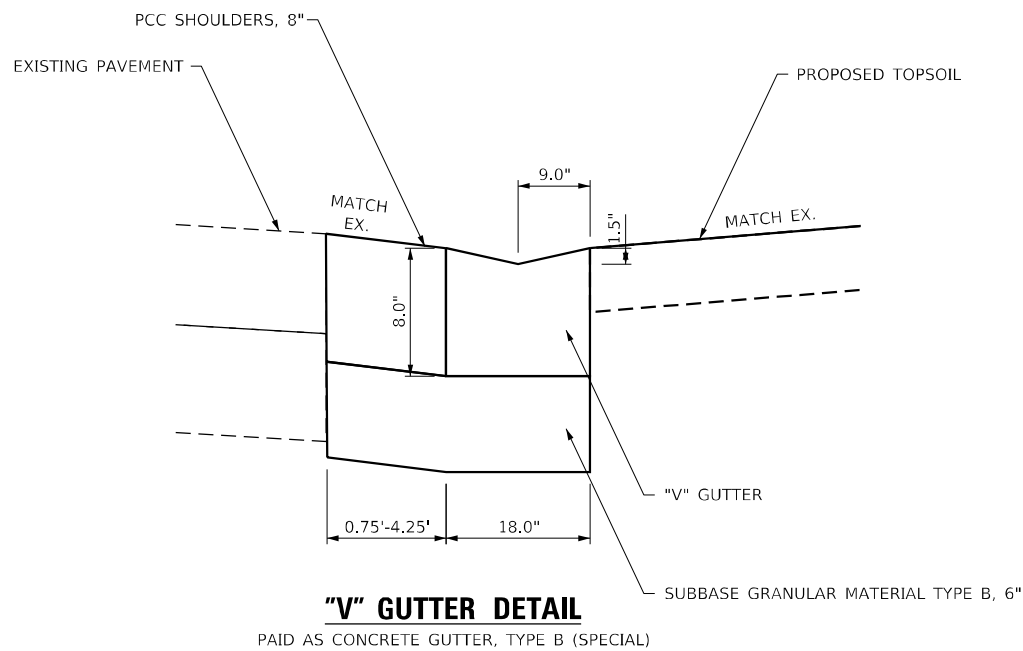
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIXIE HIGHWAY - HEATHER RD TO BIRCH RD
WILLOW ROAD ADA RAMP DETAIL

SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 72
			CONTRACT NO. 62N86	
ILLINOIS FED. AID PROJECT				

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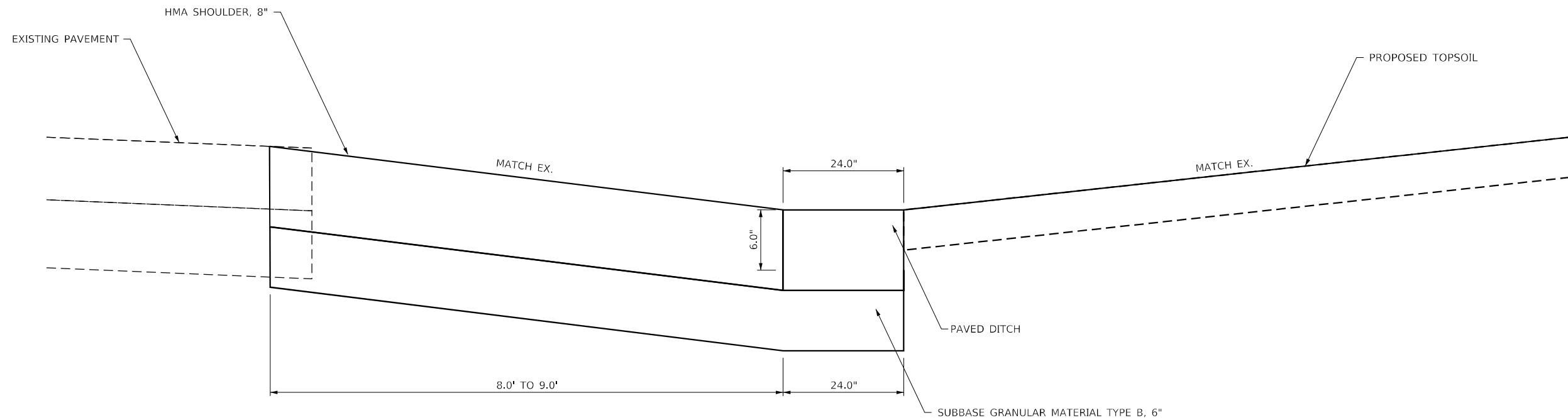
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DRAWN - AAT	REVISIED -
CHECKED - GSB	REVISIED -
DATE - 2/10/2023	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

"V" GUTTER DETAIL

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	73
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	



PAVED DITCH DETAIL
PAID AS PAVED DITCH (SPECIAL)

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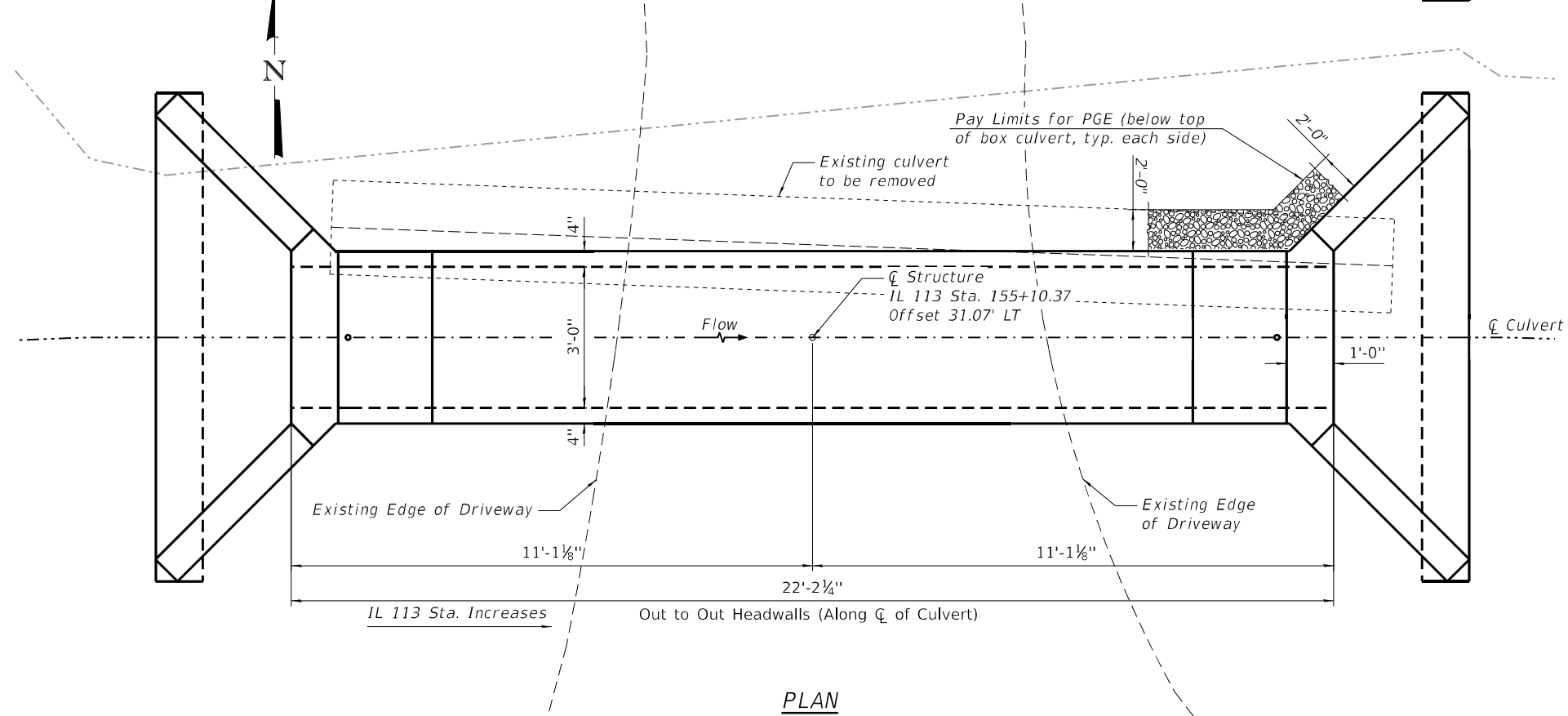
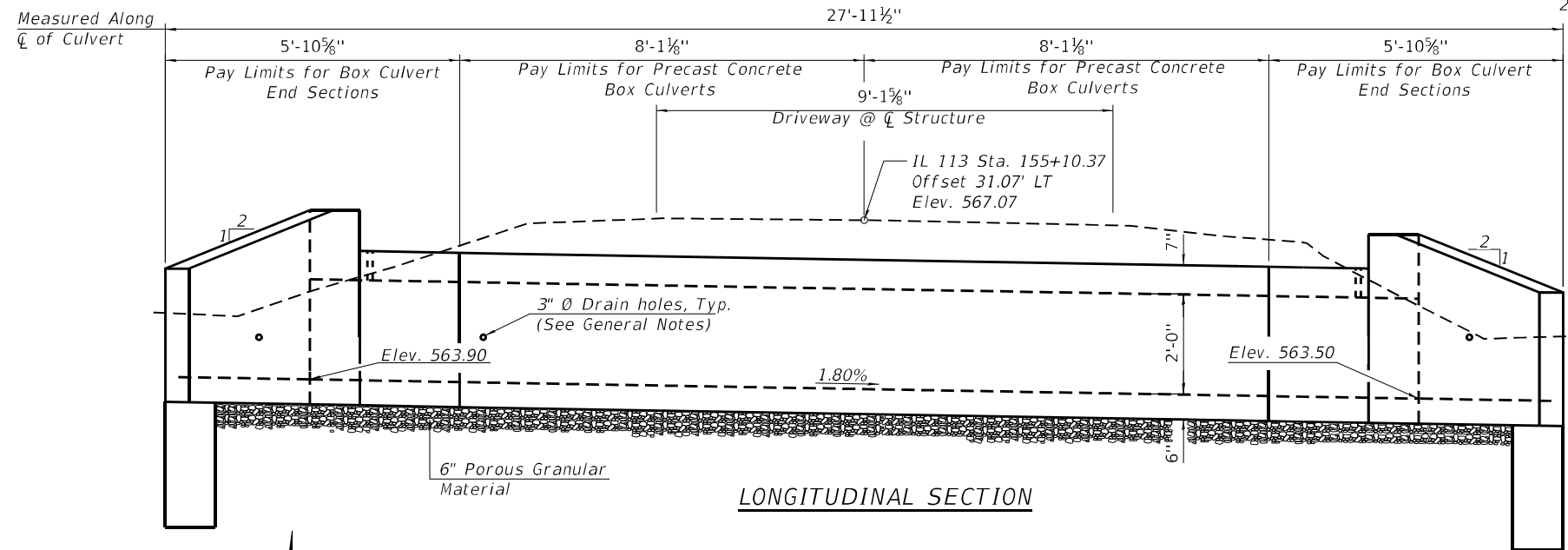
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVED DITCH DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	74
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	

Benchmark:
Existing Structure: A 24" corrugated metal pipe culvert. The existing structure will be completely removed and replaced.
No Salvage.



LOADING HL-93

DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge Design Specifications
9th Edition

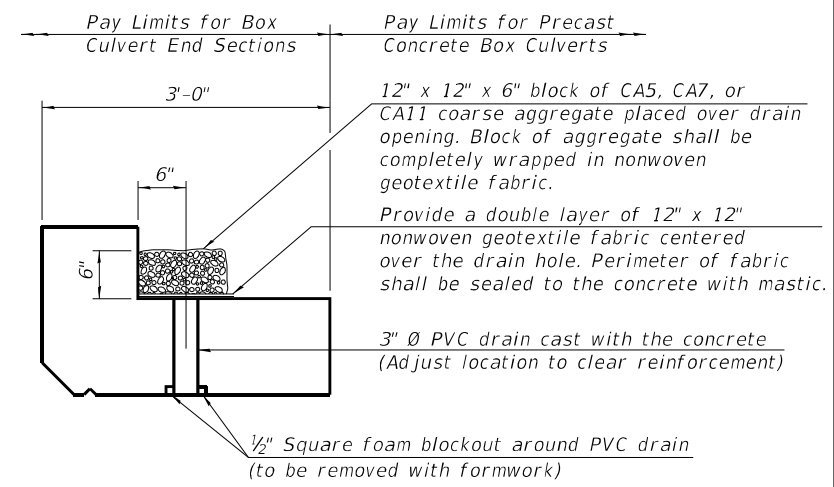
DESIGN STRESSES
PRECAST UNITS
 $f'_c = 5,000 \text{ psi}$
 $f_y = 65,000 \text{ psi}$ (Welded Wire Reinforcement)

INDEX OF SHEETS

1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert Apron End Section Details

GENERAL NOTES

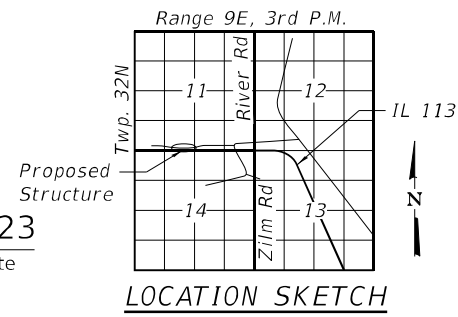
The design fill height for this box is 1 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
The 6 in. thick layer of porous granular material required for the precast concrete box culvert per Art. 540.06 of the Standard Specifications shall also apply to the end sections. Cost of the 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.
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment below the top of the box culvert extending to a vertical plane 2 ft from the exterior sides of the culvert, 2 ft from the back face of the end sections, and not closer than 2 ft from the face of embankment.



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.)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	12
Pipe Culvert Removal	Foot	23
Box Culvert End Sections, Culvert No. 1	Each	2
Precast Concrete Box Culverts, 3' x 2'	Foot	16
Geocomposite Wall Drain	Sq. Yd.	14
Membrane Waterproofing System for Buried Structures	Sq. Yd.	14



GENERAL PLAN AND ELEVATION
IL RTE. 113 DRIVEWAY OVER DITCH
F.A. RTE. 299 SEC. 2021-055-DR
WILL COUNTY
STATION 155+10.37

02/10/2023
Date
William Malinowski
Illinois Registered Engineer No. 081-006059
Registration Expires Nov. 30, 2024

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	75
CONTRACT NO. 62N88				

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Benchmark:
Existing Structure: A 24" corrugated metal pipe culvert. The existing structure will be completely removed and replaced.
No Salvage.

INDEX OF SHEETS

1. General Plan and Elevation
- 2-3. Precast Concrete Box Culvert Apron End Section Details

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LOADING HL-93

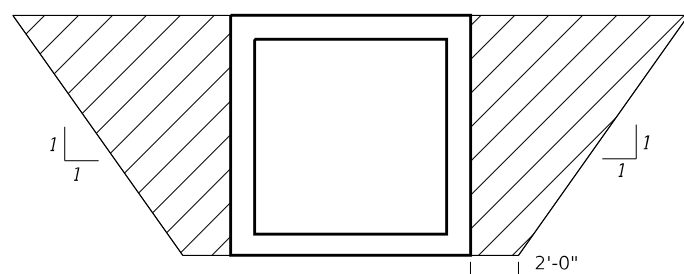
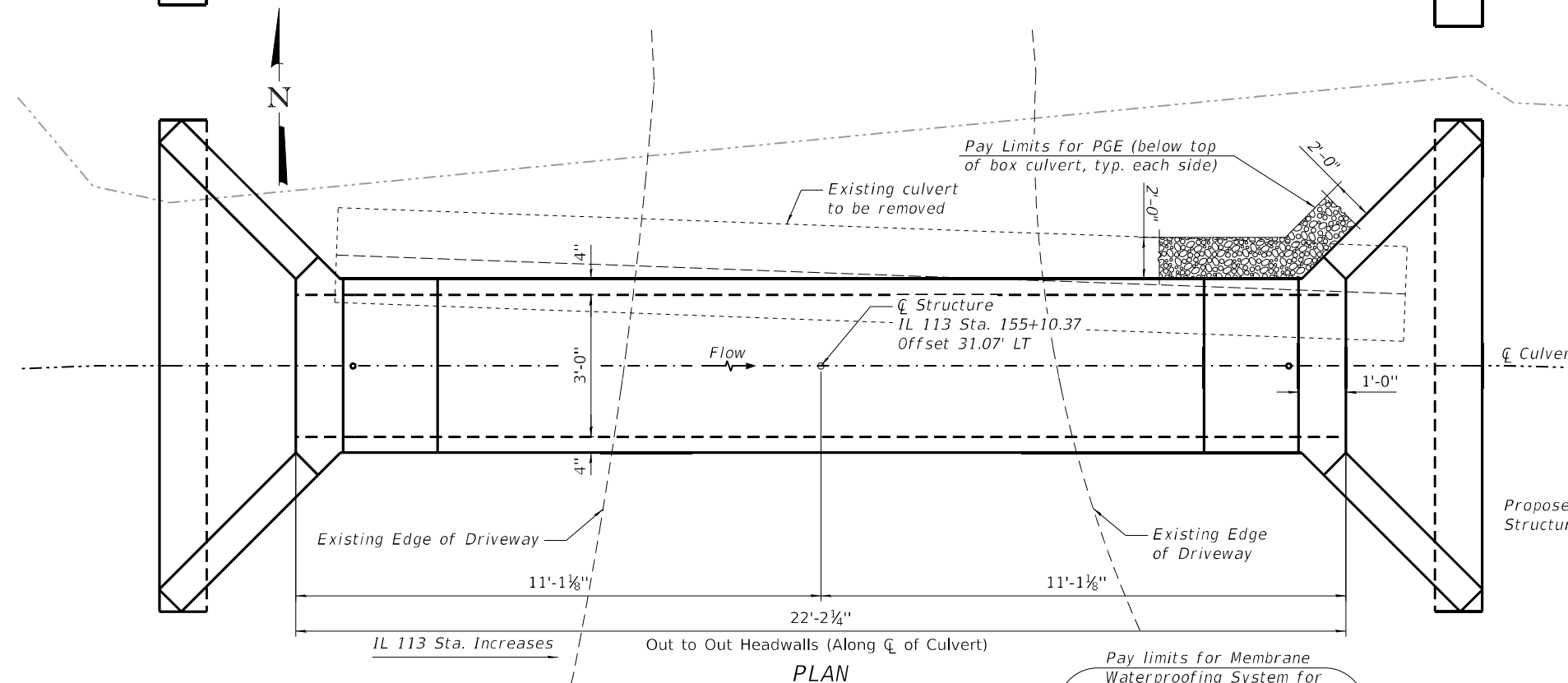
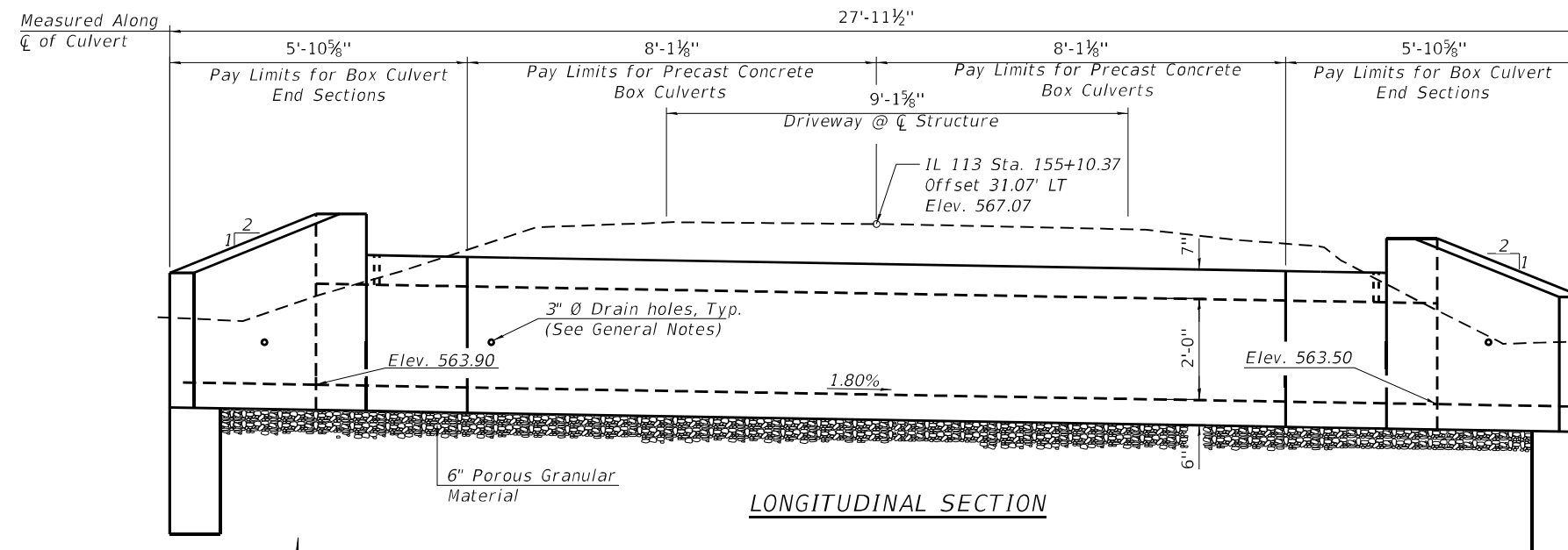
DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
9th Edition

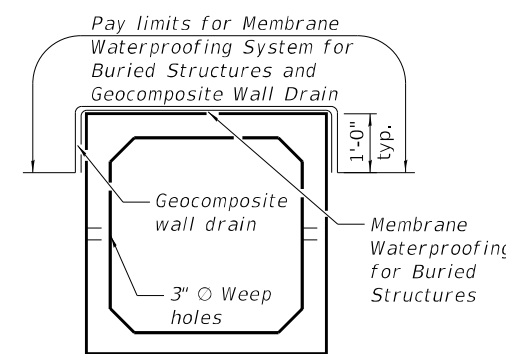
DESIGN STRESSES

PRECAST UNITS

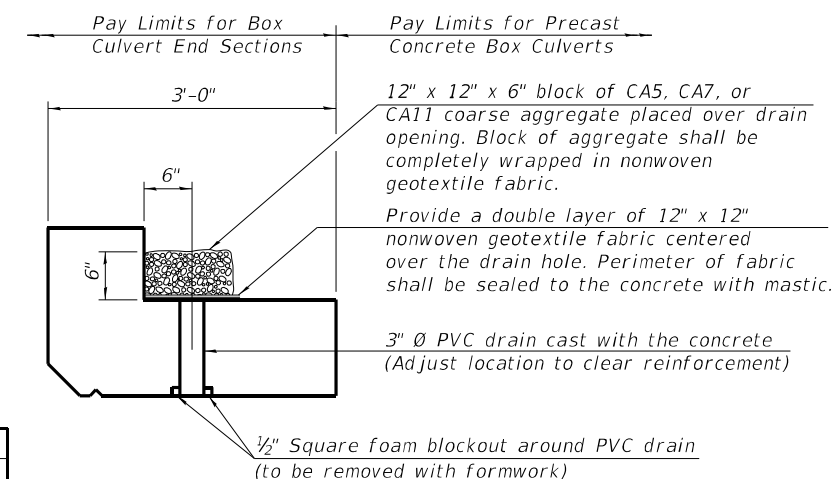
$f'_c = 5,000 \text{ psi}$
 $f_y = 65,000 \text{ psi}$ (Welded Wire Reinforcement)



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)



MEMBRANE WATERPROOFING SYSTEM FOR PRECAST CULVERTS

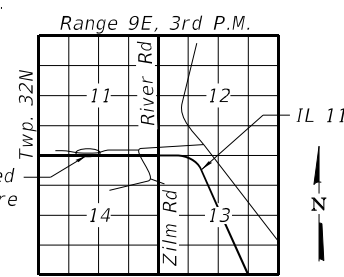


DRAIN DETAIL

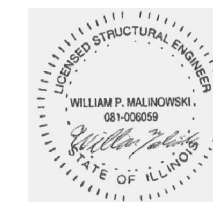
(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	14
Pipe Culvert Removal	Foot	23
Box Culvert End Sections, Culvert No. 1	Each	2
Precast Concrete Box Culverts, 3' x 2'	Foot	16
Geocomposite Wall Drain	Sq. Yd.	14
Membrane Waterproofing System for Buried Structures	Sq. Yd.	14



LOCATION SKETCH



William Malinowski
Illinois Registered Engineer No. 081-006059
Registration Expires Nov. 30, 2024

02/10/2023

GENERAL PLAN AND ELEVATION
IL RTE. 113 DRIVEWAY OVER DITCH
F.A. RTE. 299 SEC. 2021-055-DR
WILL COUNTY
STATION 155+10.37

MODEL: Default
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USER NAME =	DESIGNED - BJD	REVISED -
PLOT SCALE =	CHECKED - MGH	REVISED -
PLOT DATE =	DRAWN - BJD	REVISED -
	CHECKED - MGH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

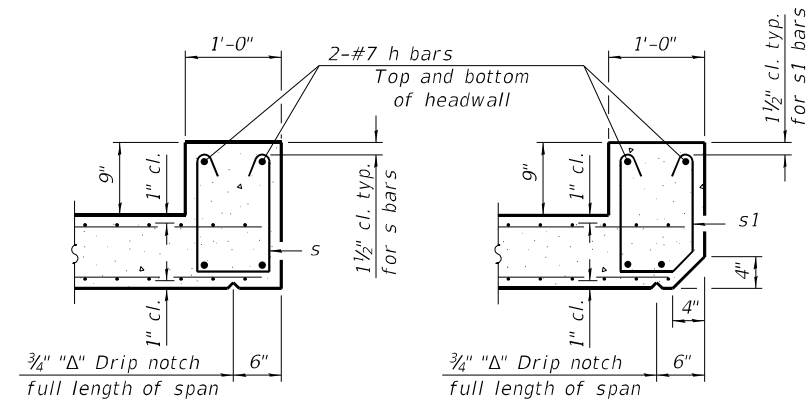
GENERAL PLAN AND ELEVATION

SHEET 1 OF 3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	75
CONTRACT NO. 62N88				

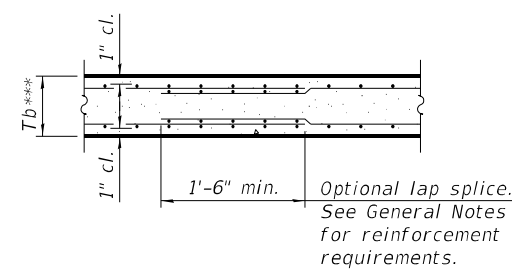
ILLINOIS FED. AID PROJECT

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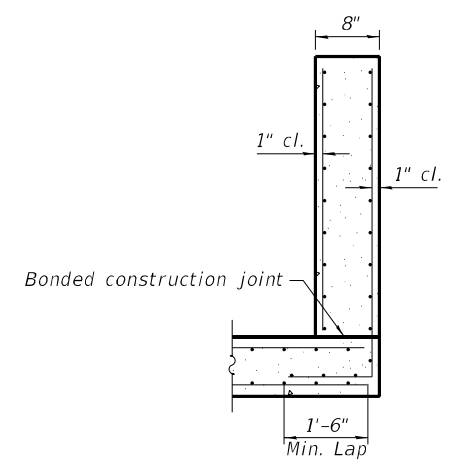
SECTION B-B
 (Top slab at downstream end)

SECTION B-B
 (Top slab at upstream end)

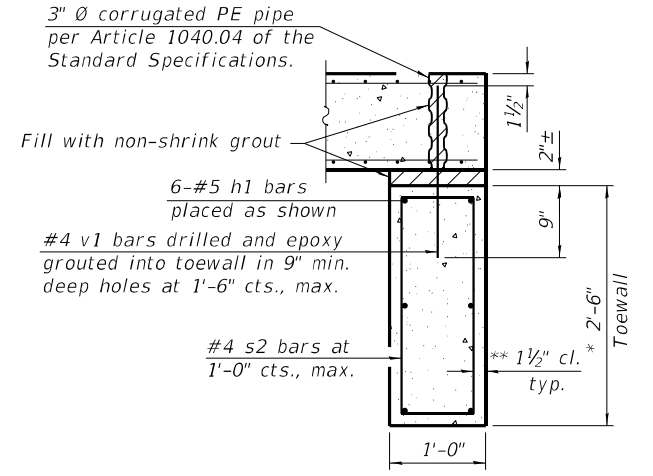


SECTION B-B
 (Bottom Slab)

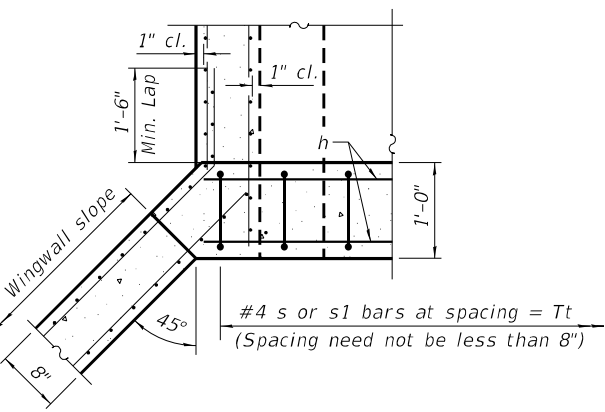
*** This dimension shall be increased by 2" for CIP construction.



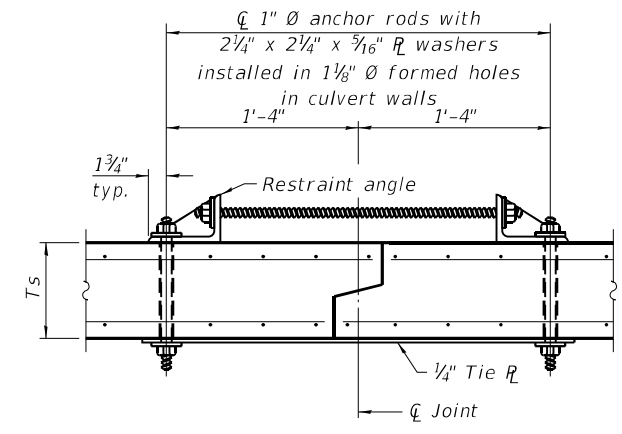
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F
 (Showing culvert tie details)

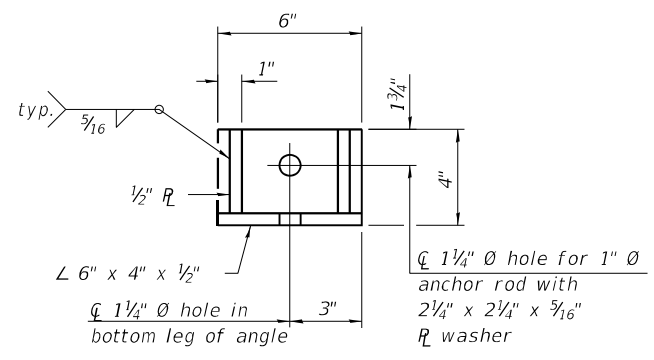
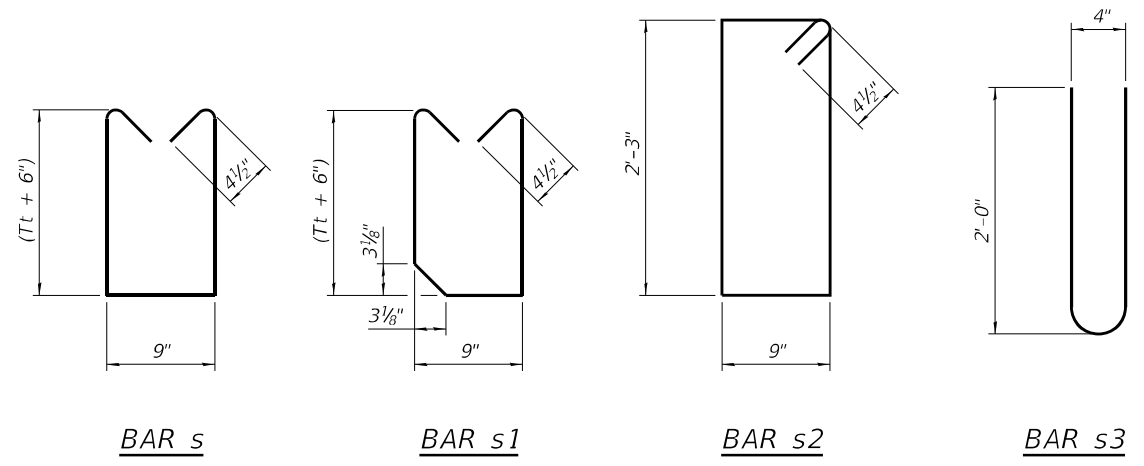
TOEWALL CONSTRUCTION SEQUENCE

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.

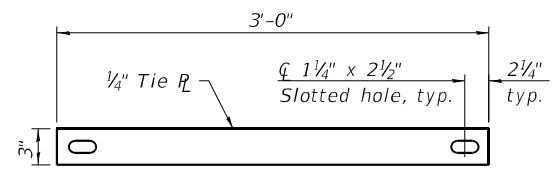
* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design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

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



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL



USER NAME =	DESIGNED - BJD	REVISED -
PLOT SCALE =	CHECKED - MGH	REVISED -
PLOT DATE =	DRAWN - BJD	REVISED -
	CHECKED - MGH	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SHEET 3 OF 3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	77
CONTRACT NO. 62N88				

ILLINOIS FED. AID PROJECT

Benchmark:

Existing Structure: A 15" corrugated metal pipe culvert. The existing structure will be completely removed and replaced.

No Salvage.

INDEX OF SHEETS

- 1. General Plan and Elevation
- 2.-3. Precast Concrete Box Culvert Apron End Section Details

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
9th Edition

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS

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

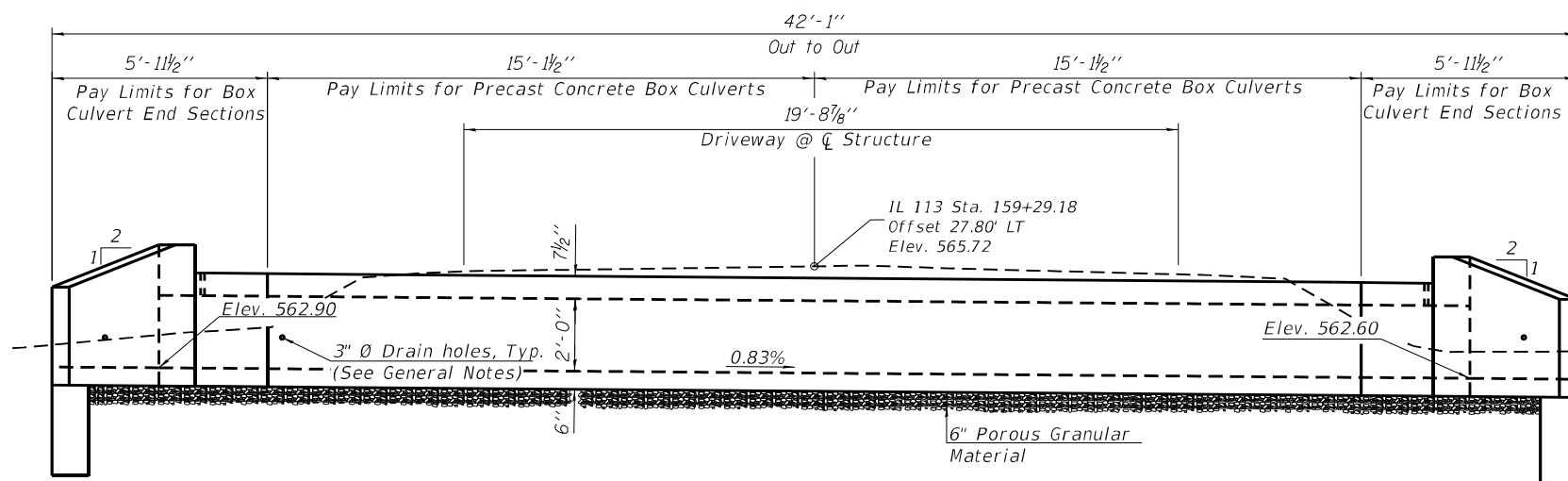
GENERAL NOTES

The design fill height for this box is 1 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577. Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

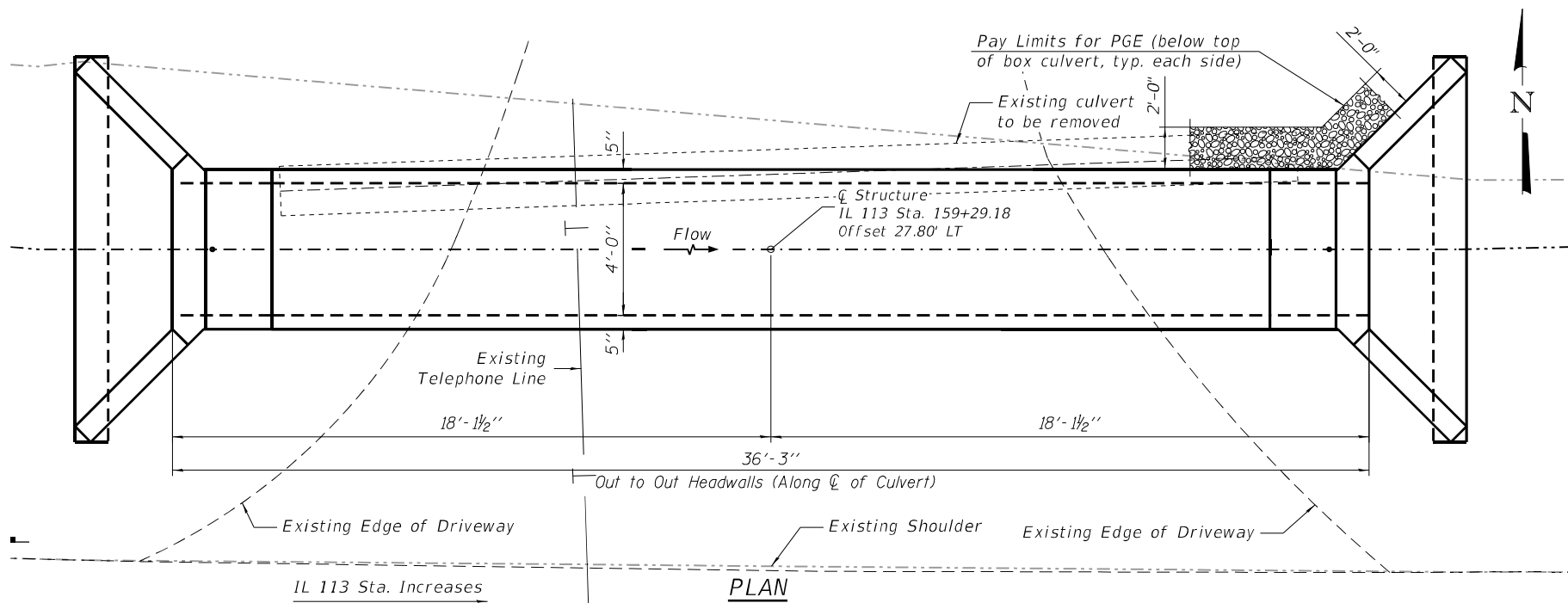
The 6 in. thick layer of porous granular material required for the precast concrete box culvert per Art. 540.06 of the Standard Specifications shall also apply to the end sections. Cost of the porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

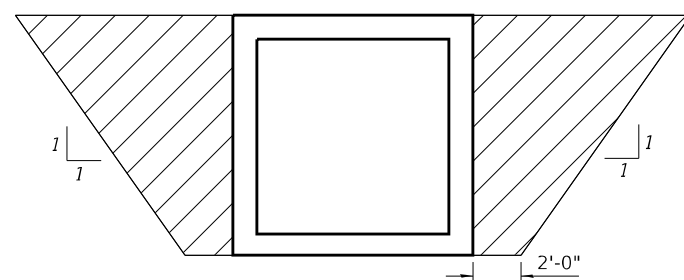
Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment below the top of the box culvert extending to a vertical plane 2 ft from the exterior sides of the culvert, 2 ft from the back face of the end sections, and not closer than 2 ft from the face of embankment.



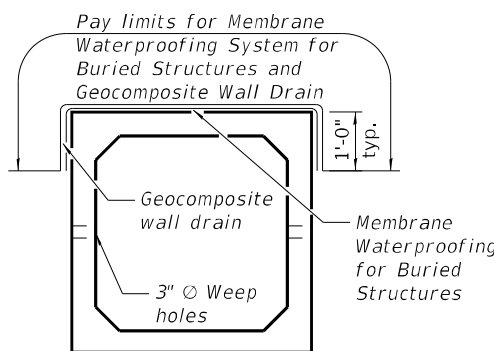
LONGITUDINAL SECTION



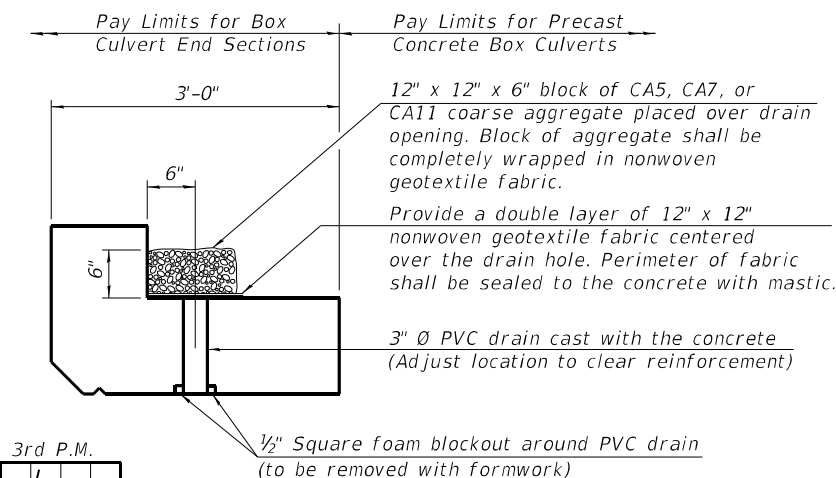
PLAN



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)

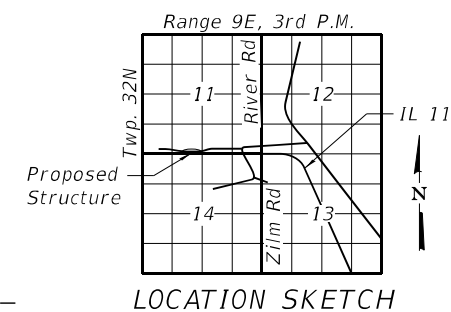


MEMBRANE WATERPROOFING SYSTEM FOR PRECAST CULVERTS



DRAIN DETAIL

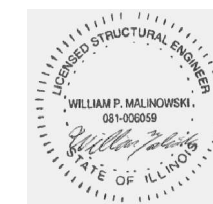
(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)



LOCATION SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	21
Pipe Culvert Removal	Foot	31
Box Culvert End Sections, Culvert No. 2	Each	2
Precast Concrete Box Culverts, 4' x 2'	Foot	31
Geocomposite Wall Drain	Sq. Yd.	27
Membrane Waterproofing System for Buried Structures	Sq. Yd.	27



William Malinowski
Illinois Registered Engineer No. 081-006059
Registration Expires Nov. 30, 2024

02/10/2023
Date

GENERAL PLAN AND ELEVATION
IL RTE.113 DRIVEWAY OVER DITCH
F.A. RTE. 299 SEC. 2021-055-DR
WILL COUNTY
STATION 159+29.18

MODEL: Default
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USER NAME =	DESIGNED - BJD	REVISED -
PLOT SCALE =	CHECKED - MGH	REVISED -
PLOT DATE =	DRAWN - BJD	REVISED -
	CHECKED - MGH	REVISED -

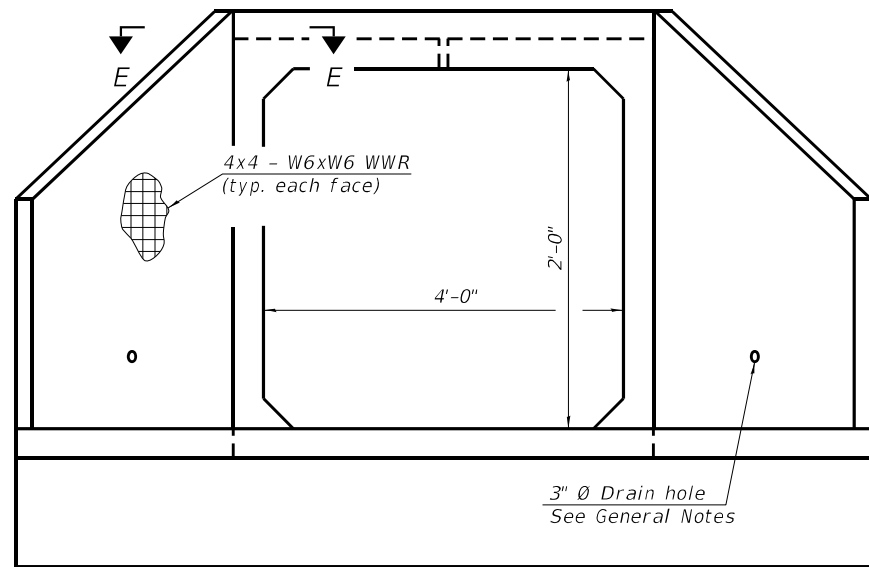
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION

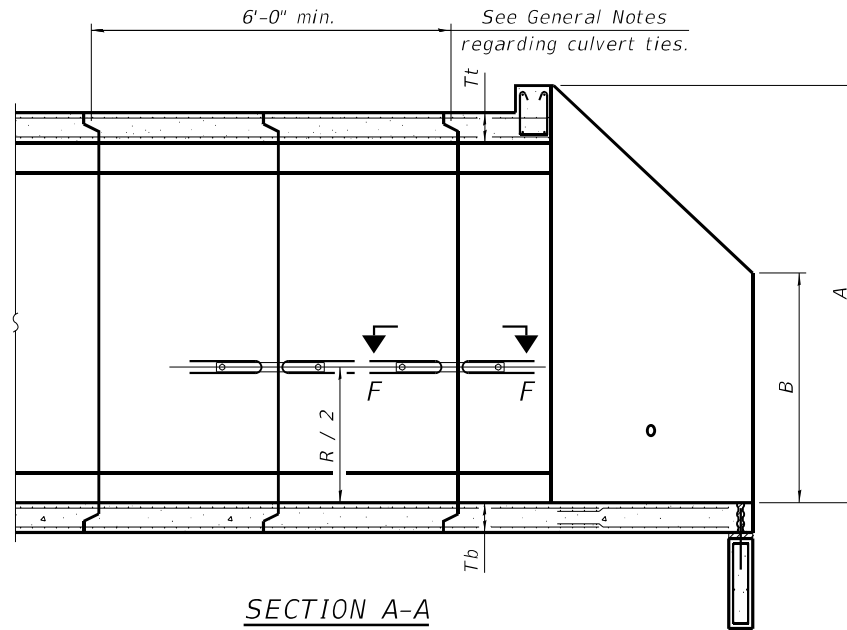
SHEET 1 OF 3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	78
CONTRACT NO. 62N88				

ILLINOIS FED. AID PROJECT



END VIEW



SECTION A-A

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
4'-0"	2'-0"	7.5"	6"	5"	3'-4½"	2'-2½"	2'-11¾"	4'-2"	11'-8"	3.3	Yes

GENERAL NOTES

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

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

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

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

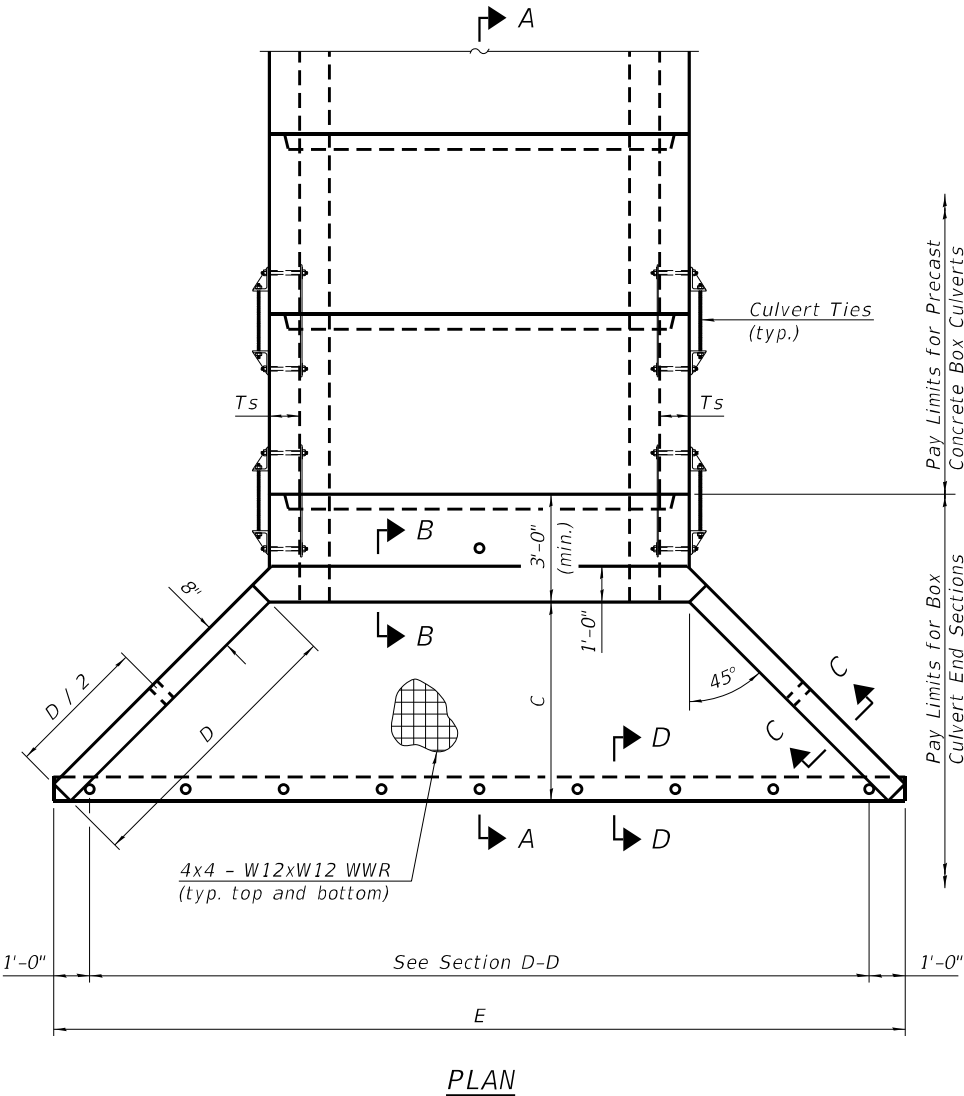
All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than ½" 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.



PLAN

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PLOT SCALE =	CHECKED - MGH	REVISED -
PLOT DATE =	DRAWN - BJD	REVISED -
	CHECKED - MGH	REVISED -

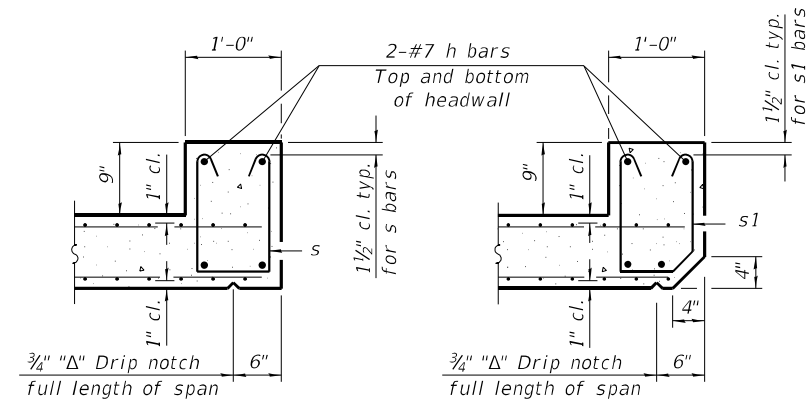
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS

SHEET 2 OF 3 SHEETS

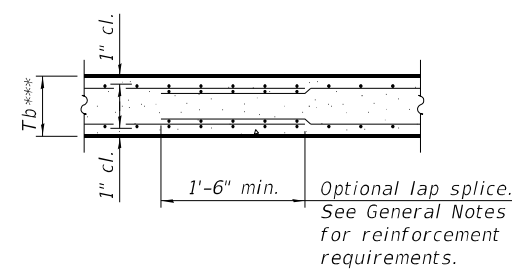
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	79
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N88	

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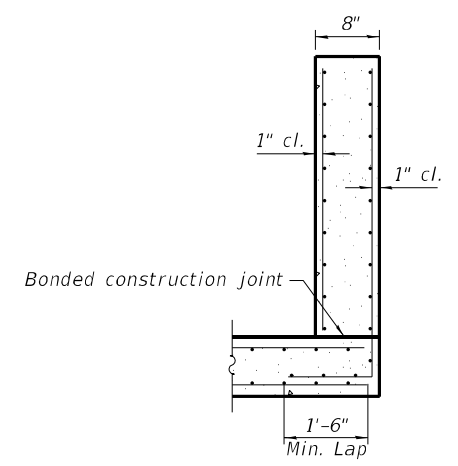
SECTION B-B
 (Top slab at downstream end)

SECTION B-B
 (Top slab at upstream end)

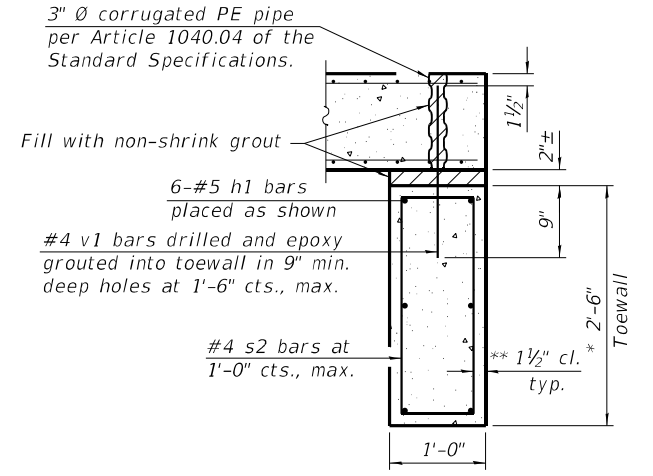


SECTION B-B
 (Bottom Slab)

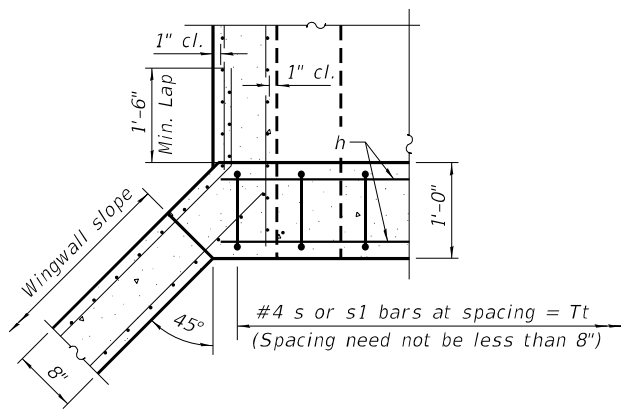
*** This dimension shall be increased by 2" for CIP construction.



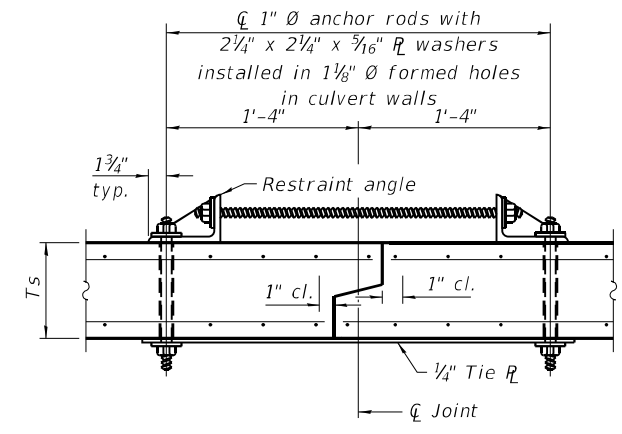
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F
 (Showing culvert tie details)

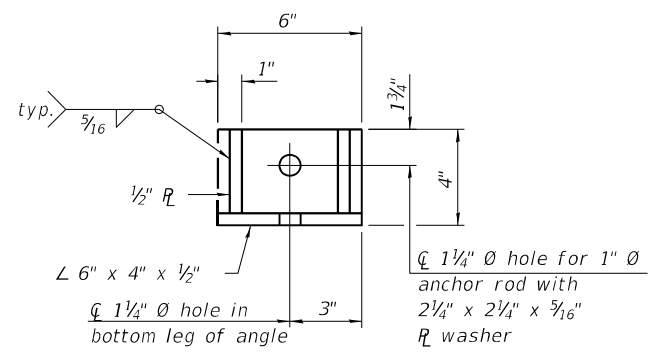
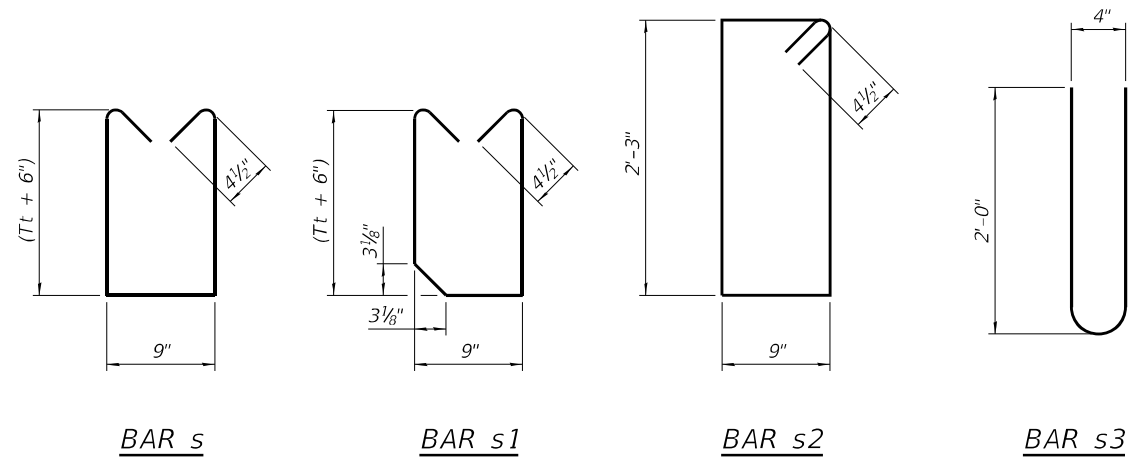
TOEWALL CONSTRUCTION SEQUENCE

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.

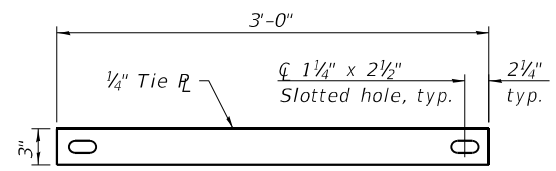
* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design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

Notes:
 1" diameter anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" 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.



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL



USER NAME =	DESIGNED - BJD	REVISED -
PLOT SCALE =	CHECKED - MGH	REVISED -
PLOT DATE =	DRAWN - BJD	REVISED -
	CHECKED - MGH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END
SECTION DETAILS

SHEET 3 OF 3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	80
			CONTRACT NO. 62N88	
ILLINOIS FED. AID PROJECT				

Benchmark: Brass disc set in northeast headwall of structure carrying 75th Street over East Branch Dupage River, approximately 0.15 miles east of IL 53. Elev. 658.20

Existing Structure: None

INDEX OF SHEETS

1. General Plan and Elevation
2. Concrete Box Culverts
3. Concrete Box Culverts
4. Culvert Drop Box
5. Traversable Pipe Grate for Drop Box
6. Soil Boring Logs
7. Soil Boring Logs

GENERAL NOTES

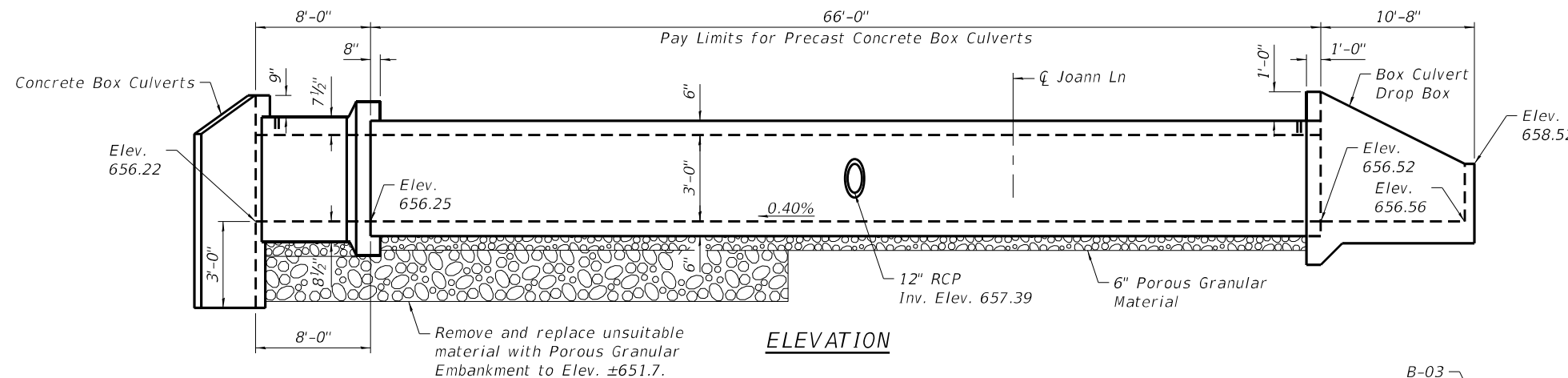
The design fill height for this box is 3.5 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

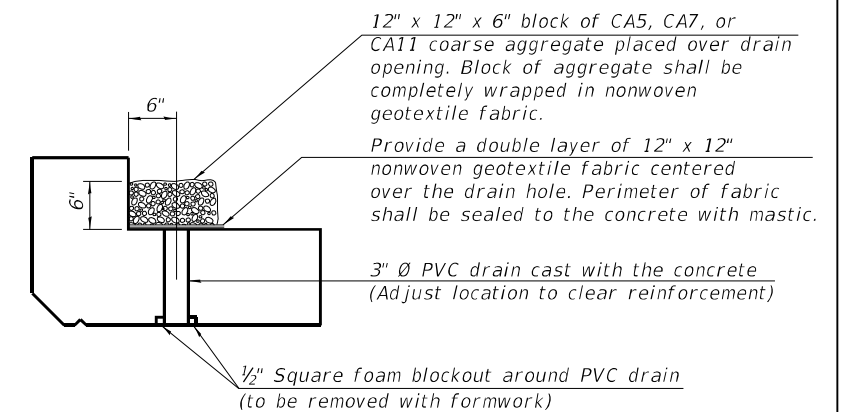
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

Precast concrete box culverts shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

The 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.



ELEVATION

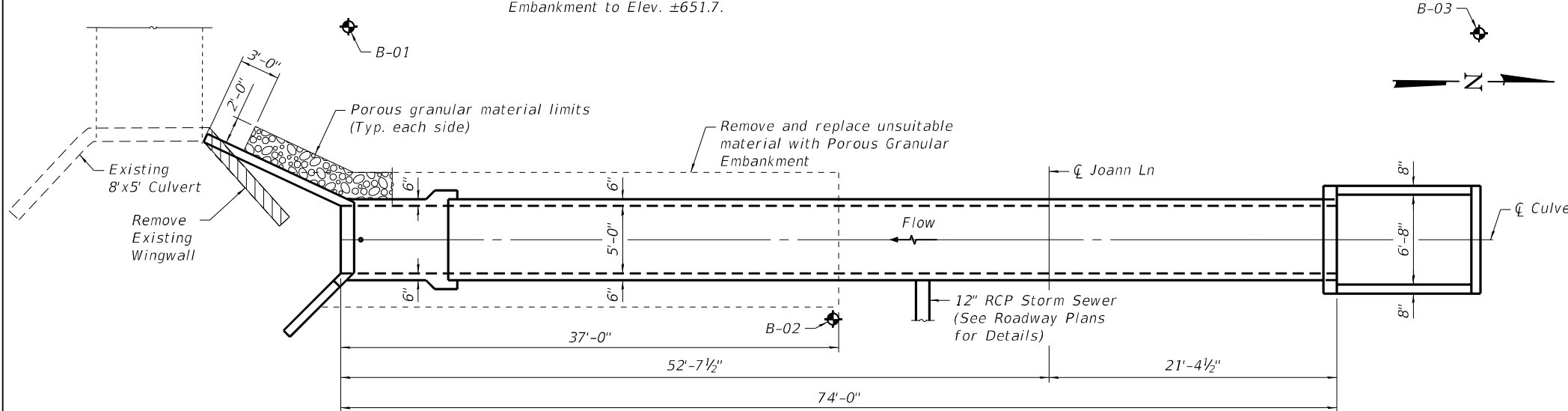


DRAIN DETAIL

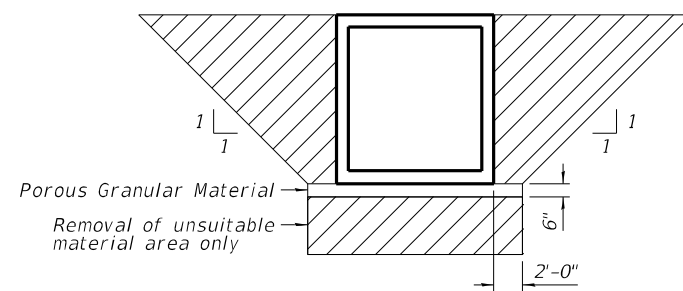
(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	125
Concrete Removal	Cu. Yd.	2.4
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	48
Reinforcement Bars	Pound	1,260
Concrete Box Culverts, (Special)	Cu. Yd.	9.1
Precast Concrete Box Culverts, 5'x3', (Special)	Foot	66
Traversable Pipe Grate for Concrete End Section	Foot	30
Culvert Drop Box	Each	1



PLAN



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications 9th Edition

LOADING HL-93

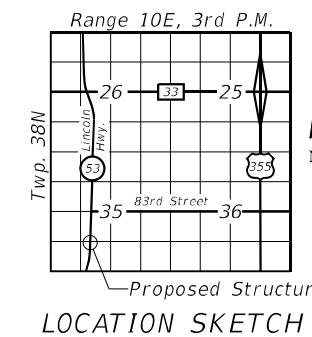
DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

PRECAST UNITS

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



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
IL RTE. 53 OVER DRAINAGE DITCH
F.A.P. RTE. 870 - SEC. 2021-055-DR
DUPAGE COUNTY
STATION 103+11.26
STRUCTURE NO. 022-0572

MODEL: Default
FILE NAME: \\SERVER18\Projects\54118039\05 IDOT D1 PTB 187-006 W05 IL53 Drainage Improvement\DWG\Bridges\Final\Pls\sheet50220572-621.66-001-GPE.dgn

SCB-GPE

7-23-2021

USER NAME = acb	DESIGNED - ACB	REVISED -
PLOT SCALE =	CHECKED - CDL	REVISED -
PLOT DATE = 3/24/2023	DRAWN - ACB	REVISED -
	CHECKED - CDL	REVISED -

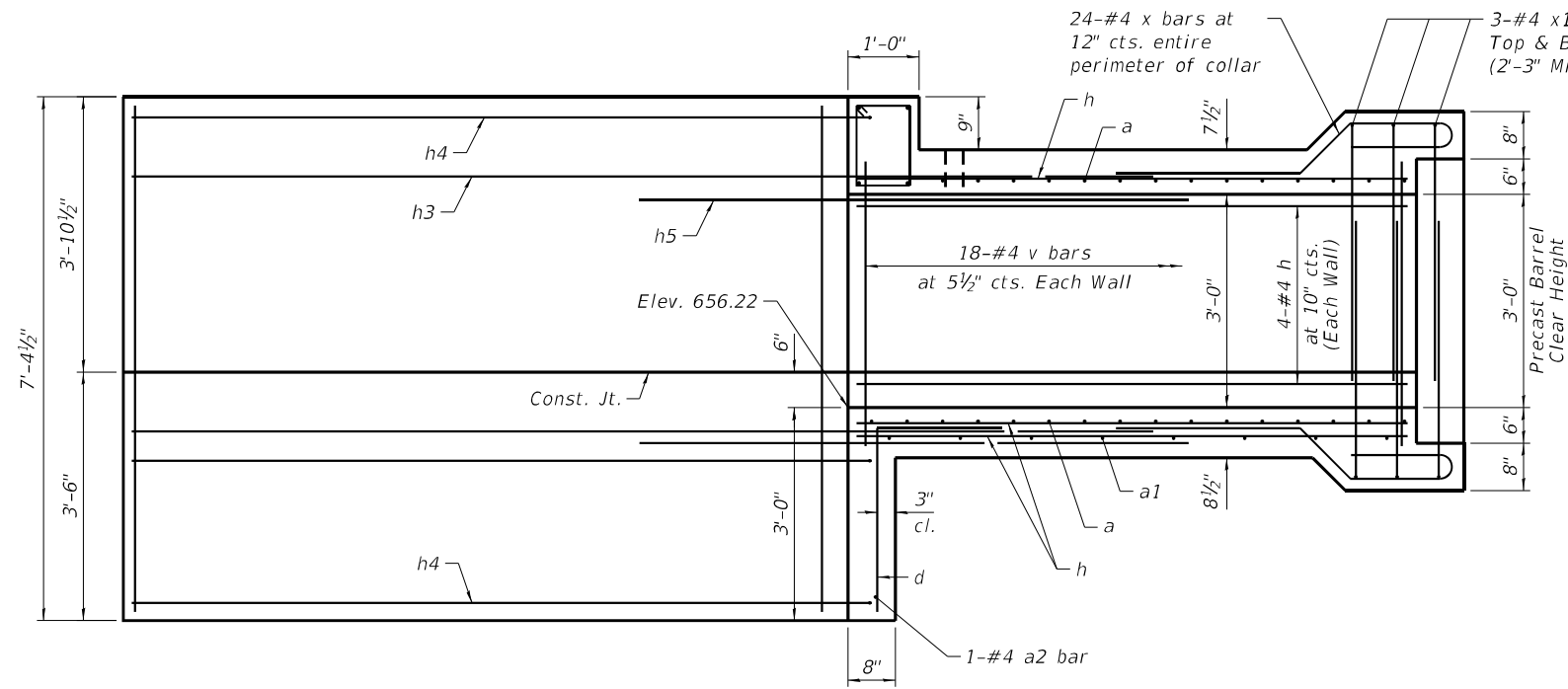
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 022-0572

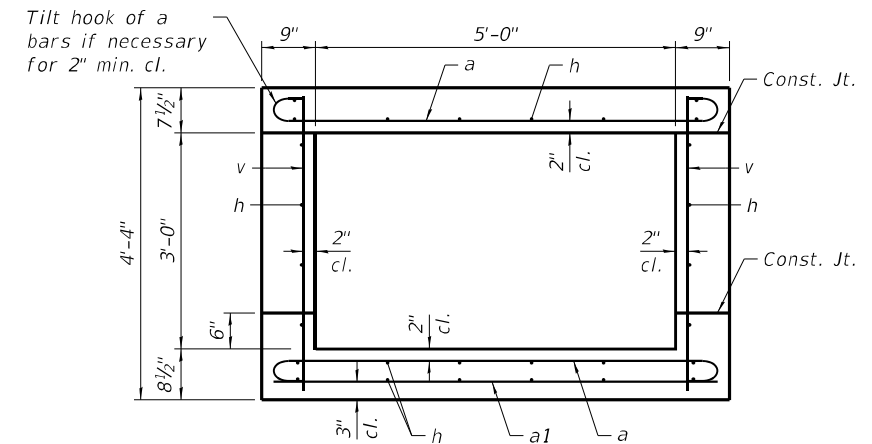
SHEET 1 OF 7 SHEETS

F.A.P. RTE. 870	SECTION 2021-055-DR	COUNTY DUPAGE	TOTAL SHEETS 125	SHEET NO. 81
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

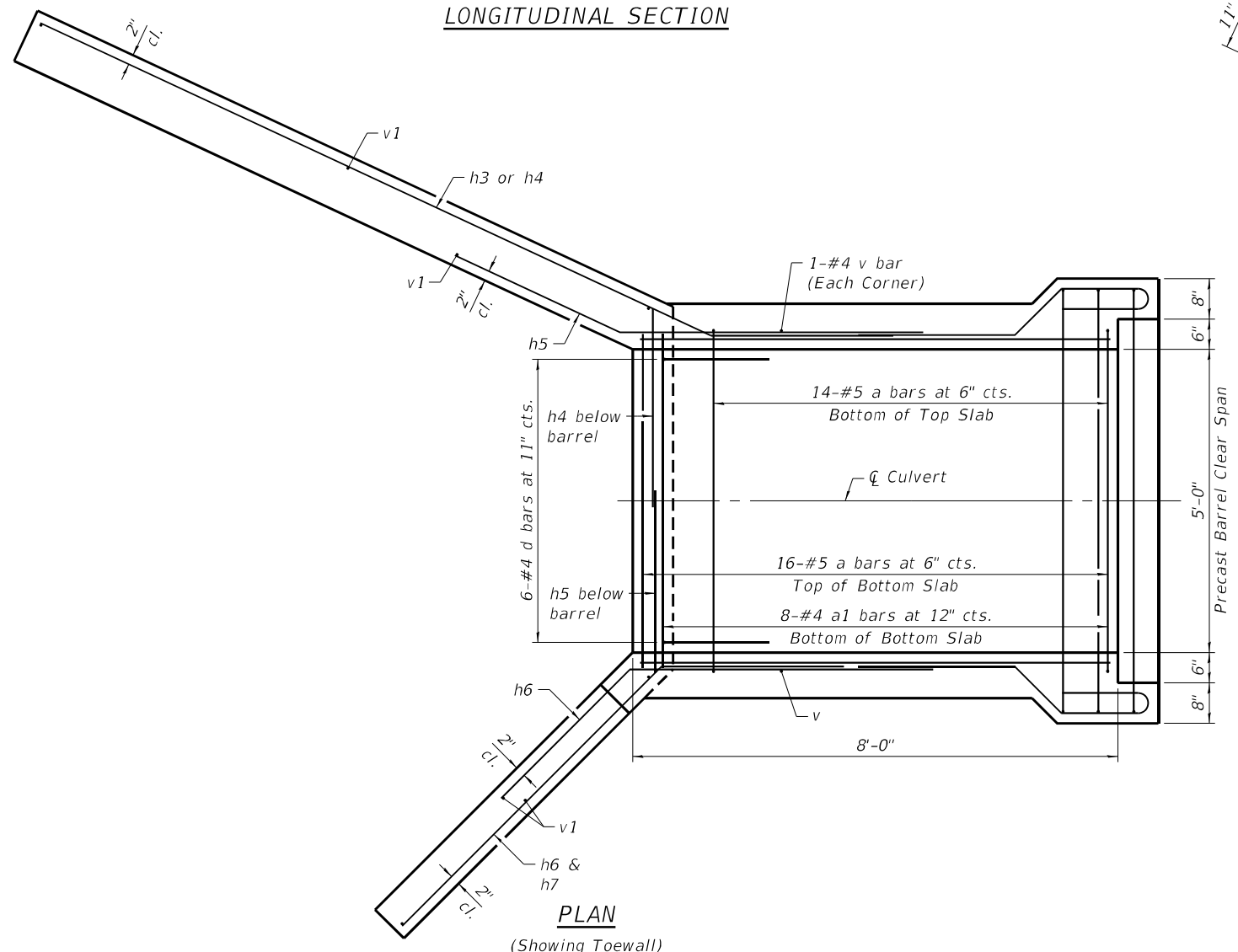
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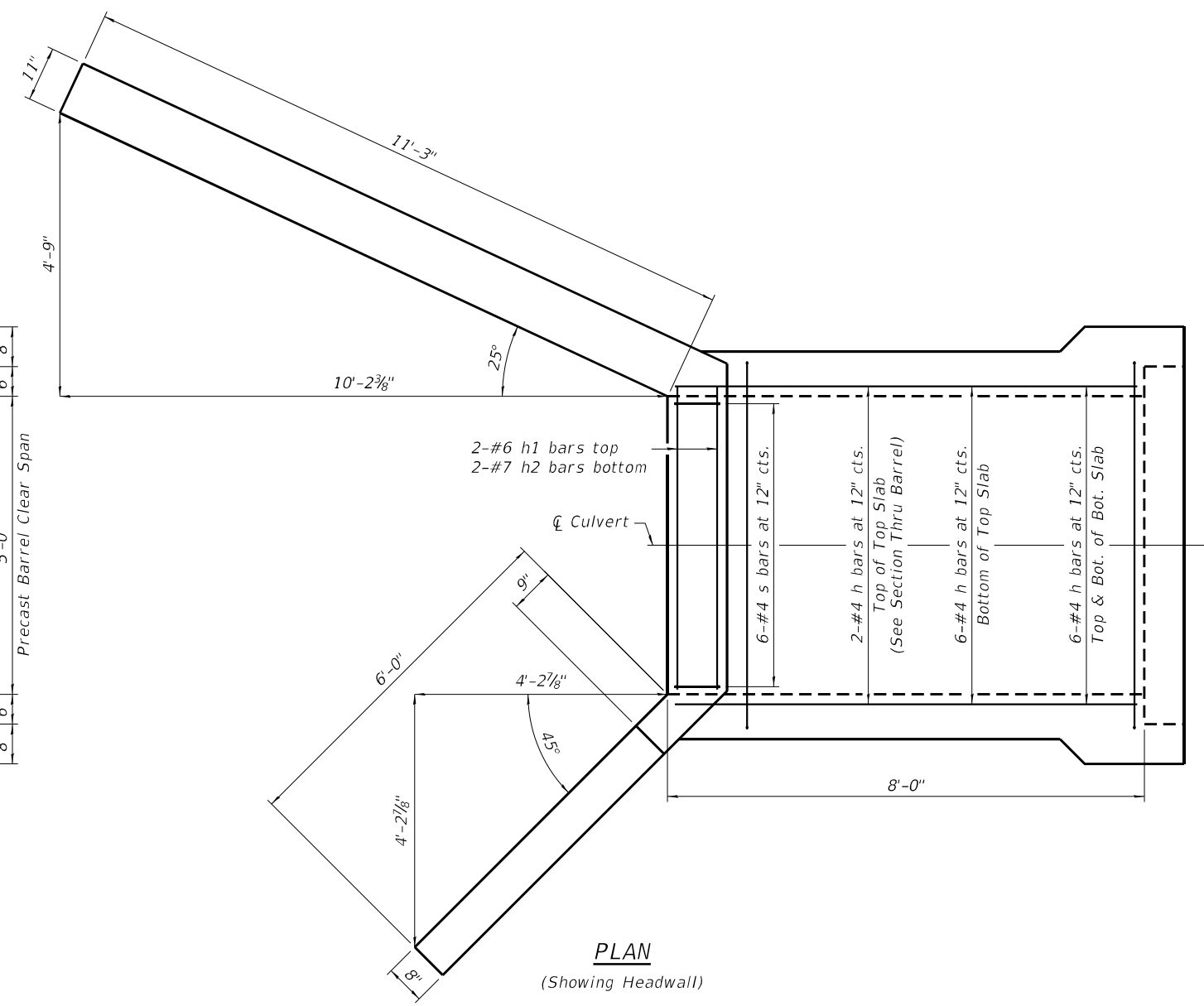
LONGITUDINAL SECTION



SECTION THRU BARREL



PLAN
(Showing Toewall)

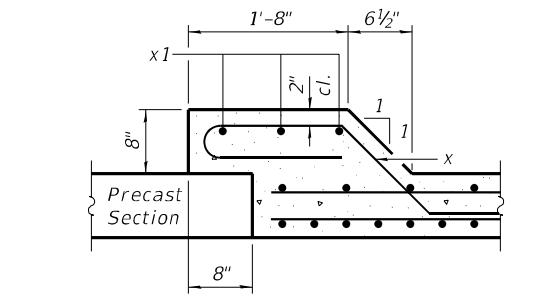
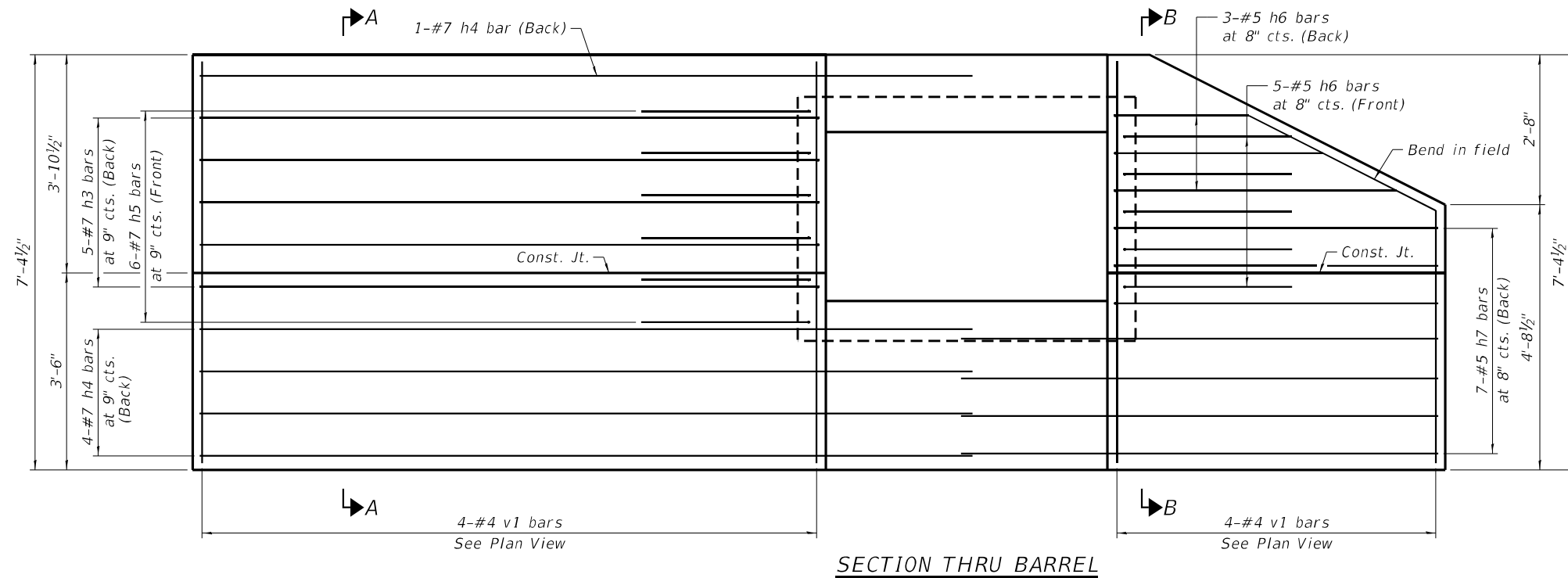


PLAN
(Showing Headwall)

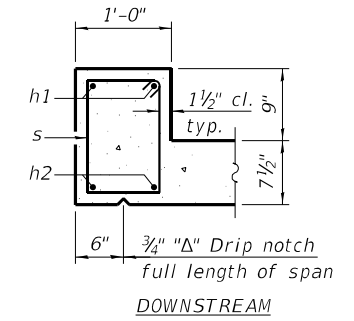
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PLOT SCALE =	CHECKED - CDL	REVISED -
PLOT DATE = 3/24/2023	DRAWN - ACB	REVISED -
	CHECKED - CDL	REVISED -

F.A.P. RTE. 870	SECTION 2021-055-DR	COUNTY DUPAGE	TOTAL SHEETS 125	SHEET NO. 82
CONTRACT NO. 62N86				

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 3/24/2023 3:35:53 PM



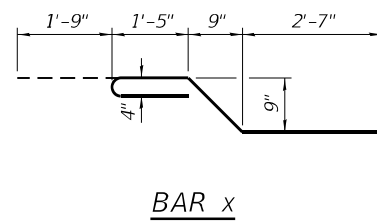
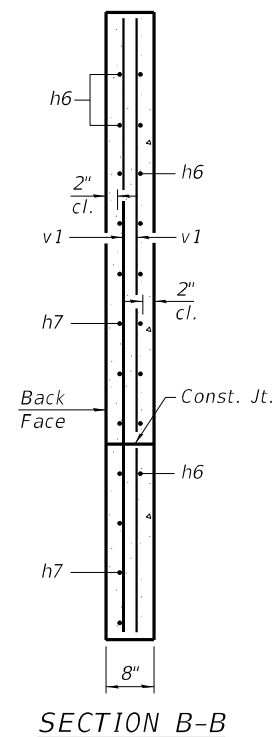
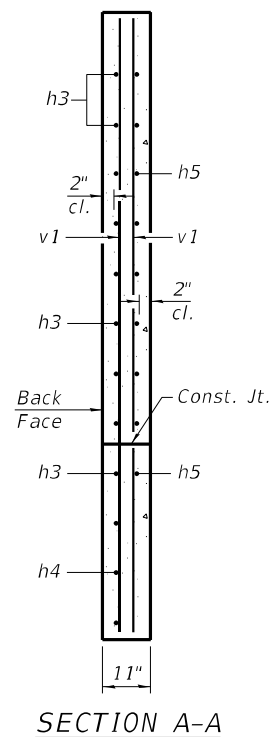
SECTION THRU CONNECTION COLLAR



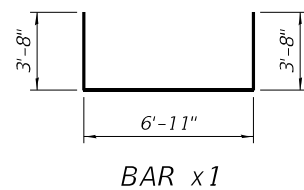
SECTION THRU HEADWALL

BILL OF MATERIAL

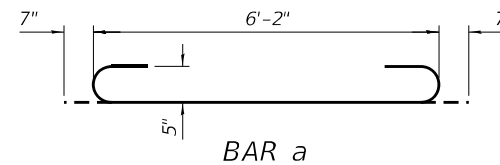
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a1	8	#4	6'-2"	
d	6	#4	4'-5"	
h	28	#4	7'-8"	
h1	2	#6	5'-1"	
h2	2	#7	5'-1"	
h3	5	#7	14'-8"	
h4	5	#7	8'-0"	
h5	6	#7	14'-8"	
h6	8	#5	8'-0"	
h7	7	#5	9'-0"	
s	6	#4	4'-5"	
v	38	#4	4'-0"	
v1	8	#4	7'-0"	
x	24	#4	6'-10"	
x1	6	#4	14'-3"	
Concrete Box Culverts, (Special)			Cu. Yd.	9.1
Reinforcement Bars			Pound	1,260



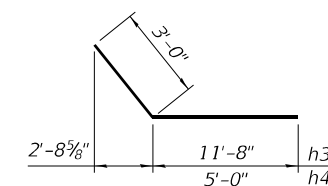
BAR x



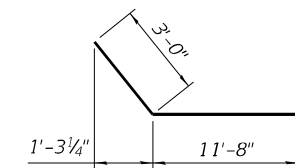
BAR x1



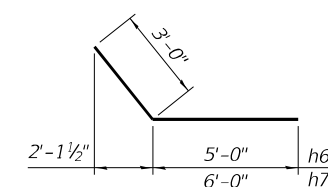
BAR a



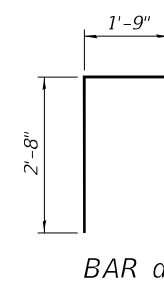
BARS h3 & h4



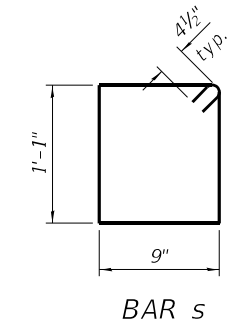
BARS h5



BARS h6 & h7

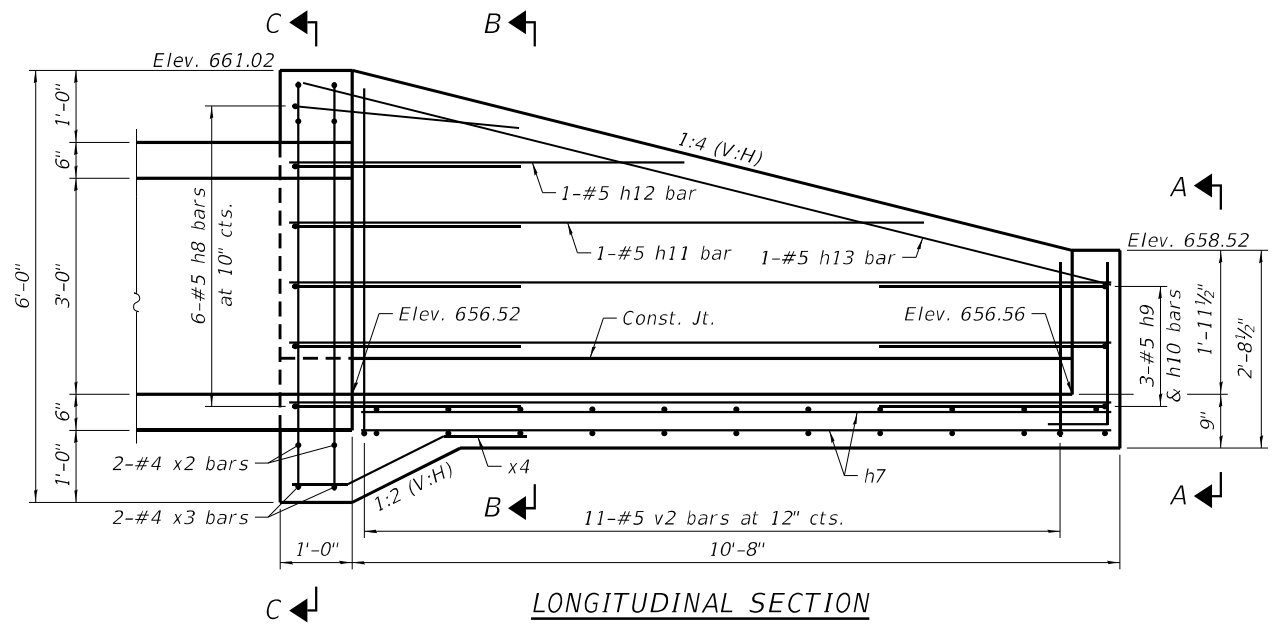


BAR d

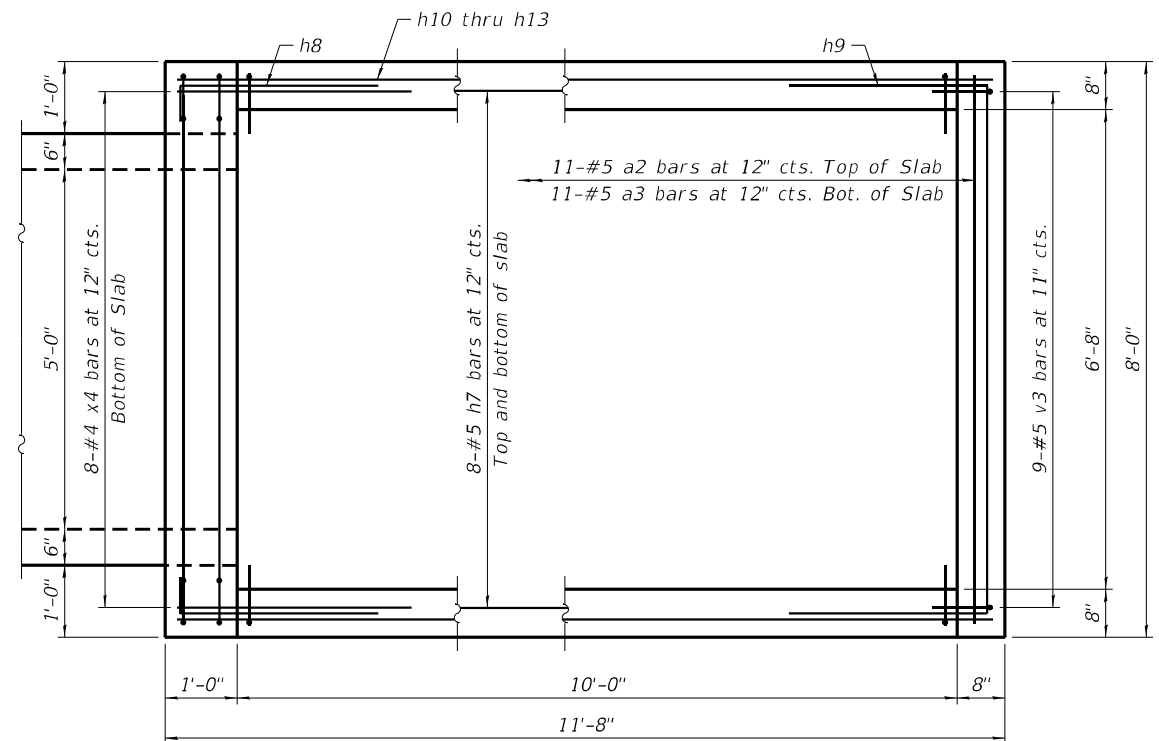


BAR s

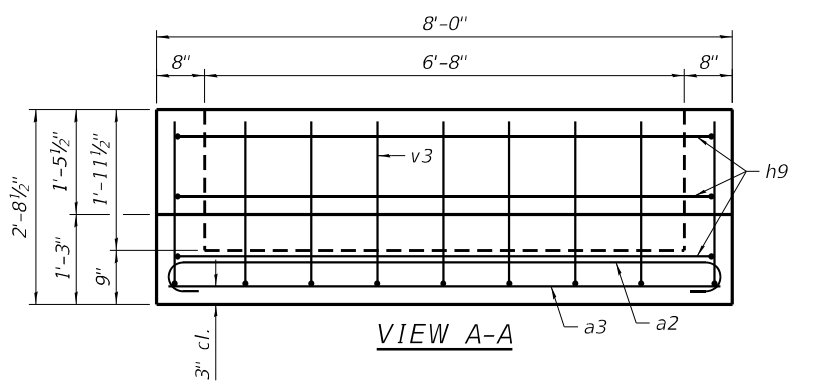
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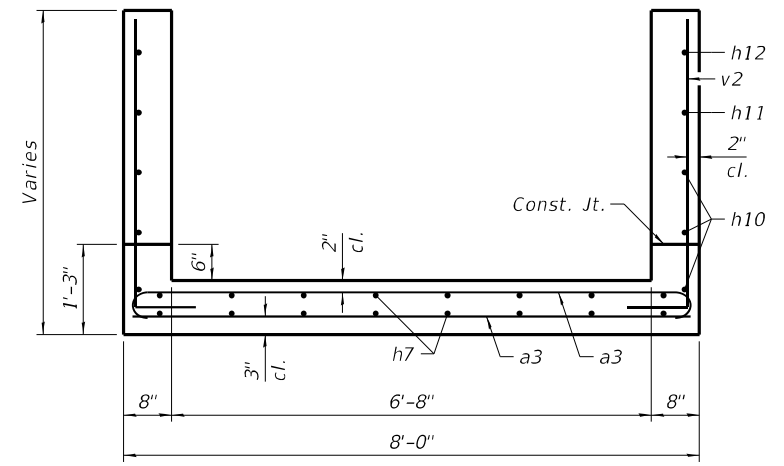
LONGITUDINAL SECTION



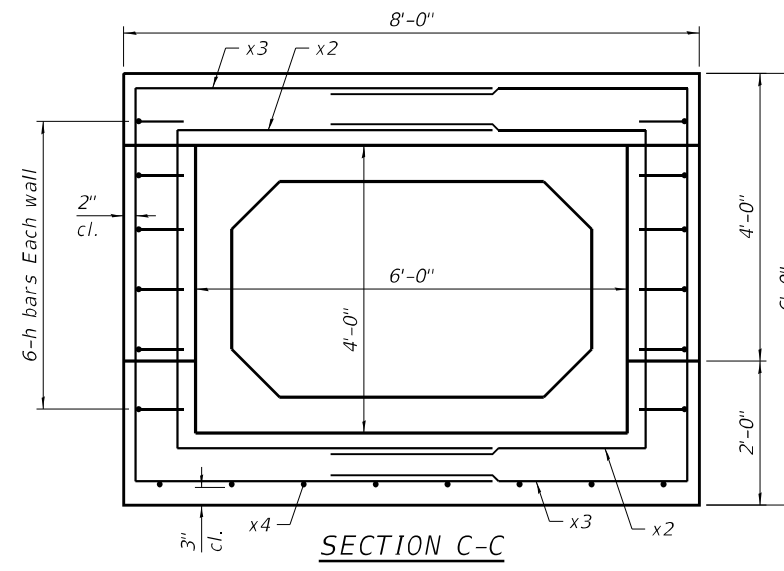
PLAN



VIEW A-A

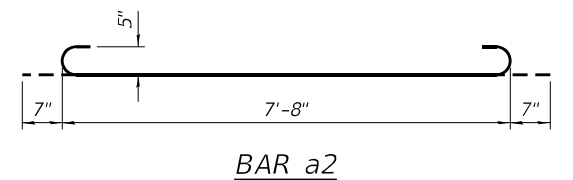


SECTION B-B

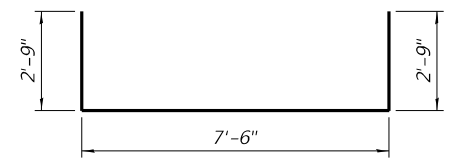


SECTION C-C

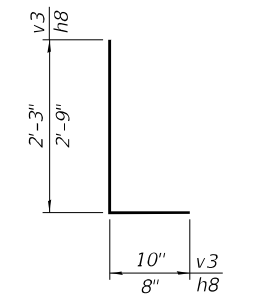
MINIMUM BAR LAP
 #4 bar = 1'-9"



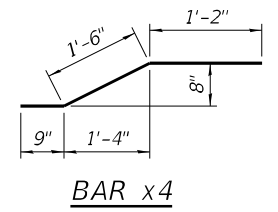
BAR a2



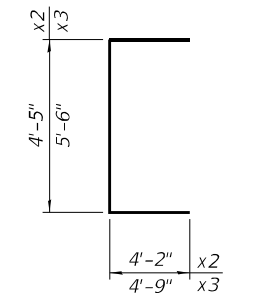
BAR h9



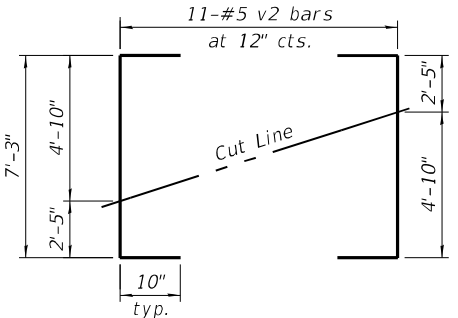
BARS v3 & h8



BAR x4



BARS x2 & x3



FIELD CUTTING DIAGRAM

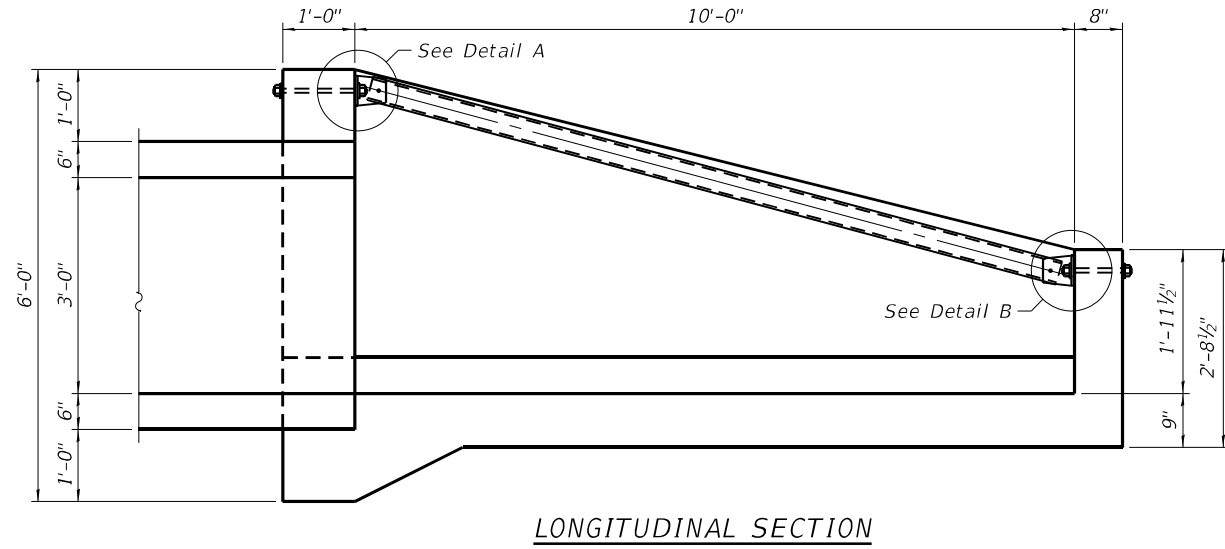
Order bars shown full length. Cut as shown and use remainder of bars in opposite wall.

BILL OF MATERIAL

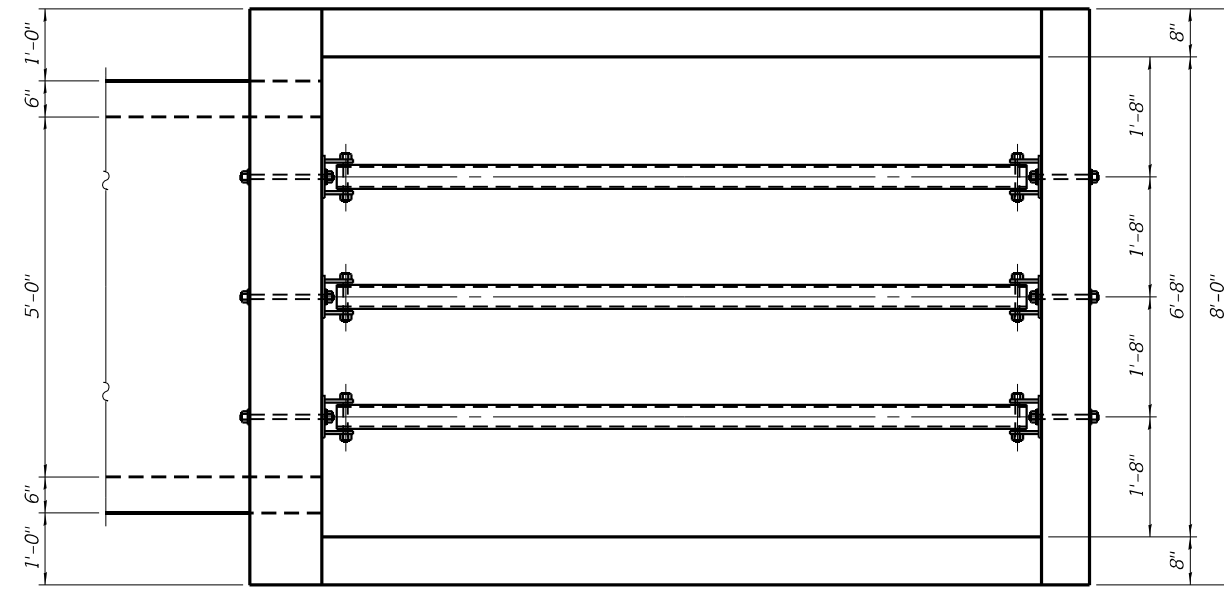
(For Information Only)

Bar	No.	Size	Length	Shape
a2	11	#5	8'-10"	U
a3	11	#5	7'-8"	U
h7	16	#5	10'-4"	U
h8	12	#5	3'-5"	U
h9	3	#5	13'-0"	U
h10	3	#5	11'-4"	U
h11	1	#5	8'-10"	U
h12	1	#5	5'-6"	U
h13	1	#5	11'-6"	U
v2	11	#5	8'-11"	U
v3	9	#5	3'-1"	U
x2	4	#4	12'-9"	U
x3	4	#4	15'-0"	U
x4	8	#4	3'-5"	U
Concrete Box Culverts				Cu. Yd. 5.4
Reinforcement Bars				Pound 730

MODEL: Default
 FILE NAME: \\SERVER18\Projects\18039.05 IDOT D1 PTB 187-006 W05 IL53 Drainage Improvement\DWG\Bridg\Final\Plisheets\0220572-621.66-005-Traversable_Grate.dgn
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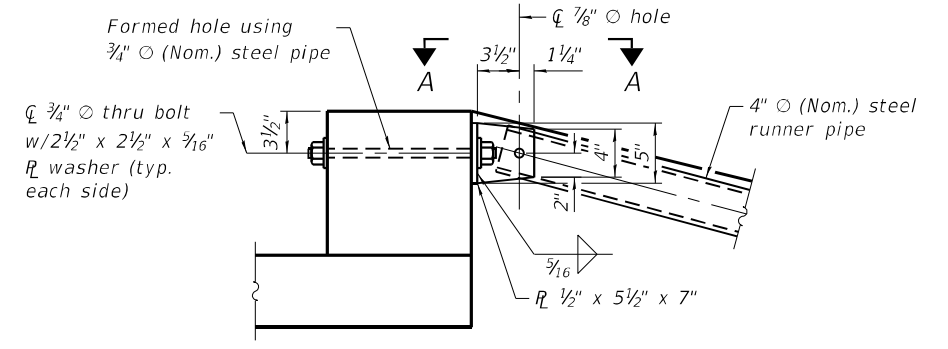
LONGITUDINAL SECTION



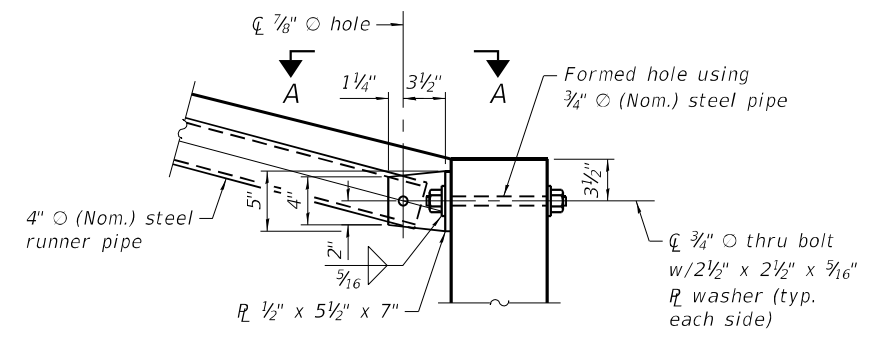
PLAN

GENERAL NOTES

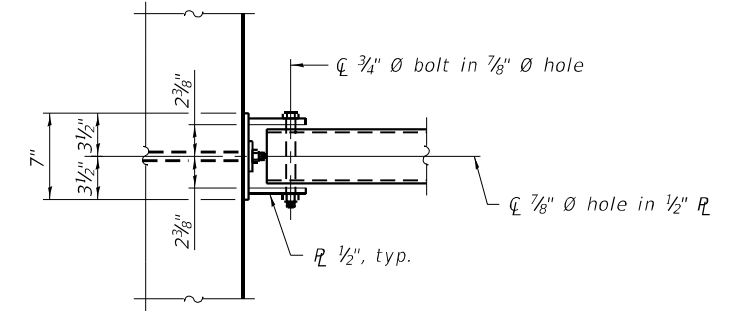
The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1 1/2" unless noted otherwise.
 The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completed filled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional 1/3 turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.



DETAIL A



DETAIL B



VIEW A-A

USER NAME = acb	DESIGNED - ACB	REVISED -
PLOT SCALE =	CHECKED - CDL	REVISED -
PLOT DATE = 3/24/2023	DRAWN - ACB	REVISED -
	CHECKED - CDL	REVISED -

F.A.P. RTE. 870	SECTION 2021-055-DR	COUNTY DUPAGE	TOTAL SHEETS 125	SHEET NO. 85
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



GSI Job No. 18042A

SOIL BORING LOG

Page 1 of 1

Date 10/3/18

ROUTE IL RTE 53 DESCRIPTION Work Order #5. RTE 53 Culvert Replacement, Woodridge, Il. LOGGED BY RJ
SECTION LOCATION SE 1/4, SEC. 25, TWP. T41N, RNG. R11E, 3rd PM
COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

Table with columns for STRUCT. NO., BORING NO., Station, Offset, Ground Surface Elev., and soil descriptions with associated elevations and blow counts.

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)
BBS, from 137 (Rev. 8-99)



GSI Job No. 18042A

SOIL BORING LOG

Page 1 of 1

Date 10/3/18

ROUTE IL RTE 53 DESCRIPTION Work Order #5. RTE 53 Culvert Replacement, Woodridge, Il. LOGGED BY RJ
SECTION LOCATION SE 1/4, SEC. 25, TWP. T41N, RNG. R11E, 3rd PM
COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

Table with columns for STRUCT. NO., BORING NO., Station, Offset, Ground Surface Elev., and soil descriptions with associated elevations and blow counts.

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)
BBS, from 137 (Rev. 8-99)

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Z:\PROJECTS\2018\18042-A EFK MOEN, WO 5 CULVERT UNDER IL 53\18042A BORING LOGS\18042A_LOG.GPJ 10/29/18



Table with columns for USER NAME, DESIGNED, CHECKED, PLOT SCALE, PLOT DATE, REVISED, and other project details.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS STRUCTURE NO. 022-0572

SHEET 6 OF 7 SHEETS

Table with columns for F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., and CONTRACT NO.



GSI Job No. 18042A

SOIL BORING LOG

Page 1 of 1

Date 10/3/18

ROUTE IL RTE 53 DESCRIPTION Work Order #5. RTE 53 Culvert Replacement, Woodridge, IL. LOGGED BY RJ
 SECTION _____ LOCATION SE 1/4, SEC. 25, TWP. T41N, RNG. R11E, 3rd PM
 COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	DEPTH (ft)	BLOW COUNT (blows/6")	UCS (tsf)	MOISTURE (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	GROUNDWATER ELEV. (ft)	BLOW COUNT (blows/6")	UCS (tsf)	MOISTURE (%)
BORING NO. <u>B-03</u>										
Station <u>104+10</u>										
Offset <u>37.70ft Right</u>										
Ground Surface Elev. <u>662.10</u> ft										
12.0" TOPSOIL-black	661.10			20						
SILTY CLAY-dark brown & black-stiff (Fill)	659.10	2, 3, 3	1.5 P	21				8, 7, 9		6
CLAY LOAM with Stone-dark brown-medium dense (Fill)		9, 9, -5, 16		16				7, 6, 10		5
		7, 15, 22		9			636.60	5, 8, 10		20
SAND & GRAVEL-brown-loose to medium dense	654.10	16, 19, -10, 15		7			634.10	5, 10, 9		9
		11, 12, 10		8						
		3, 3, -15, 2		7			627.60	30, 17, -35, 50/3"		27
SILTY SAND & FRACTURED ROCK-brown-very dense		4, 5, 6		7						
		6, 7, 6		6				12, 50/1"		15
End Of Boring @ -40.0'. Boring backfilled with cuttings.	622.10									

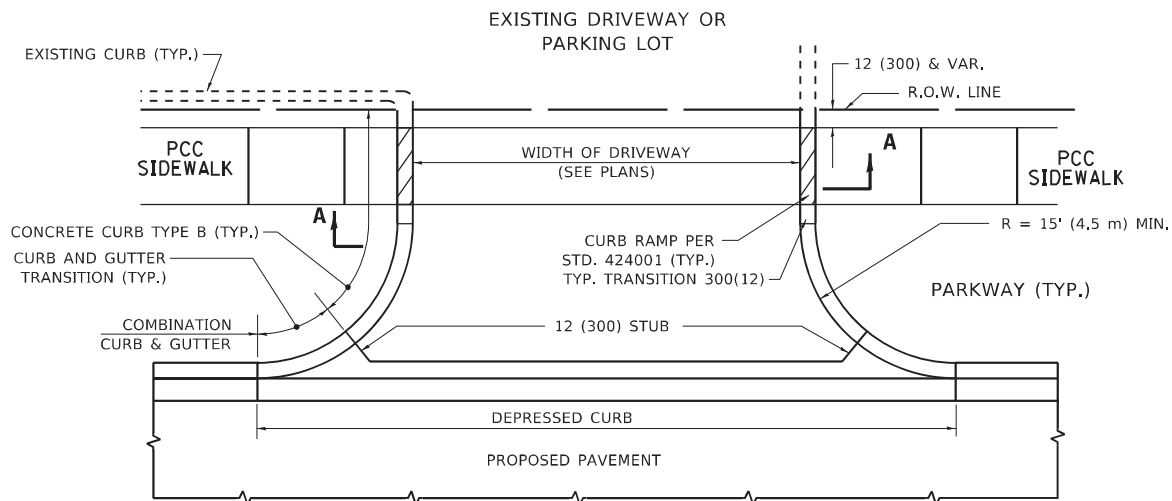
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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

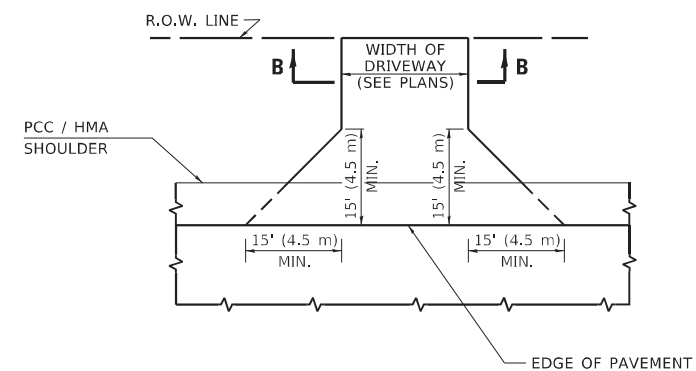
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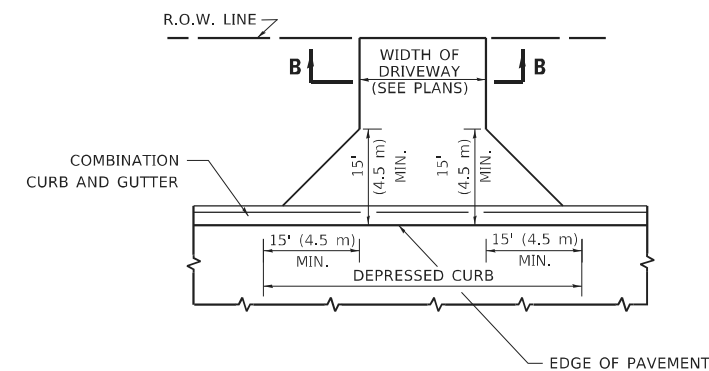
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	PLOT SCALE =	DRAWN - ACB	REVISED -			SHEET 7 OF 7 SHEETS		CONTRACT NO. 62N86		ILLINOIS FED. AID PROJECT
	PLOT DATE = 2/7/2023	CHECKED - CDL	REVISED -							



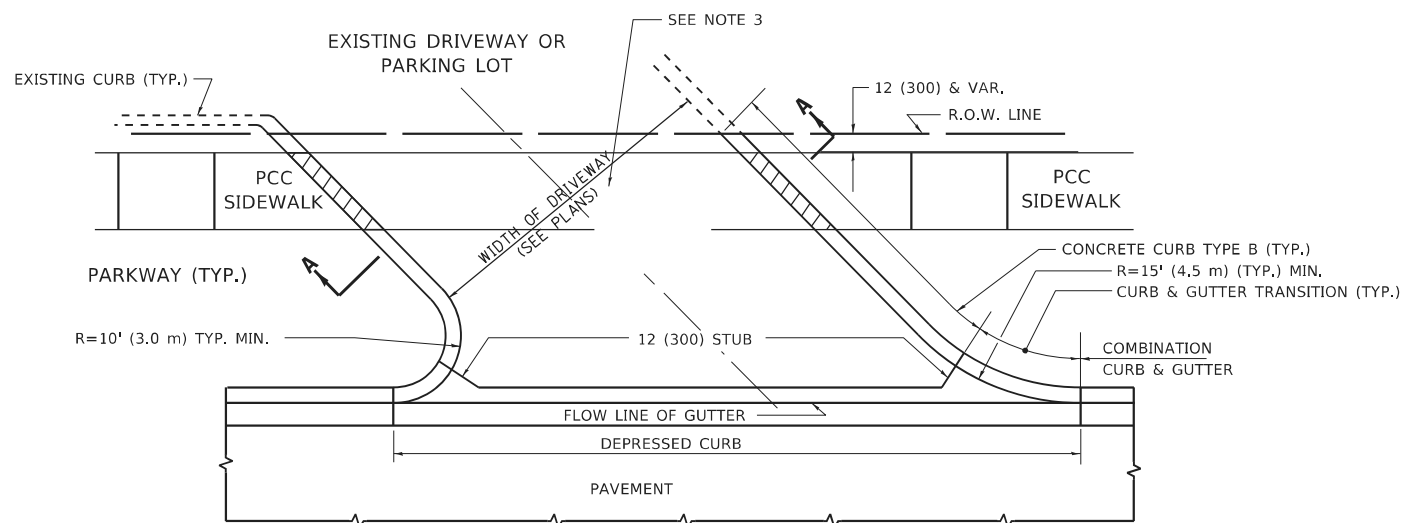
WITH CONCRETE CURB, TYPE B



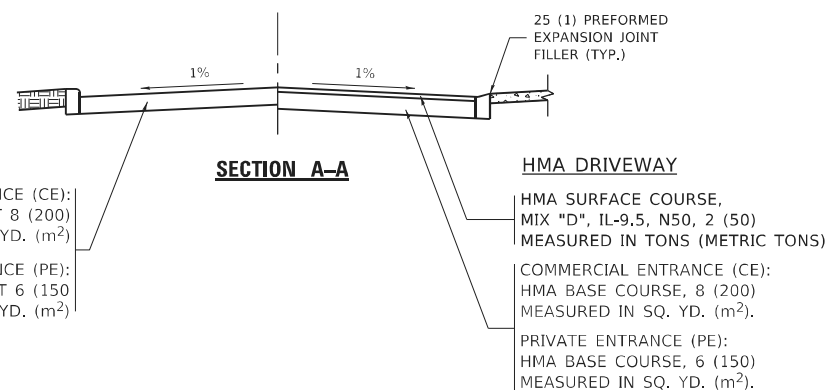
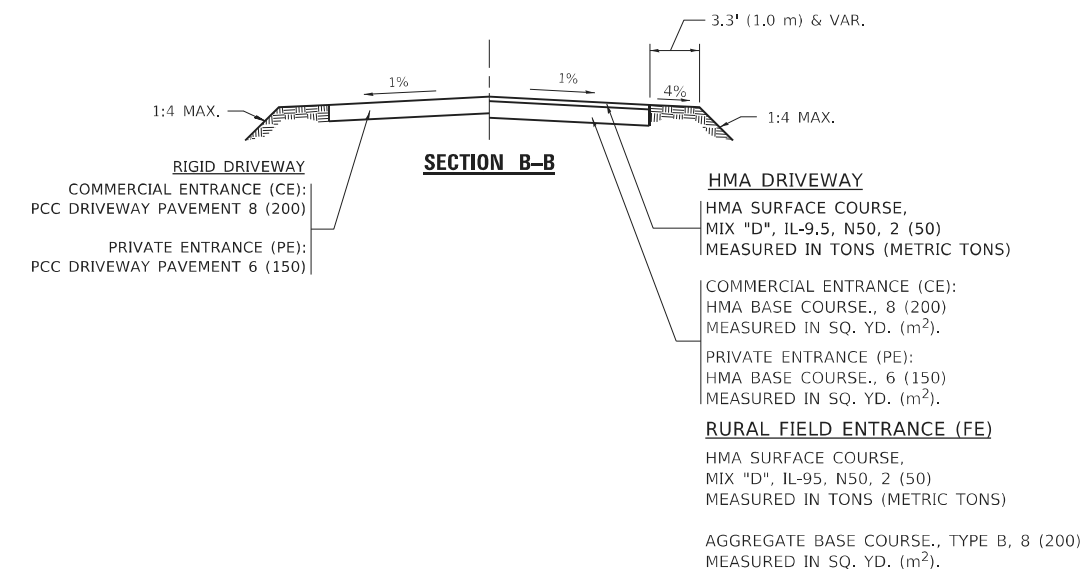
ADJACENT TO PCC / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

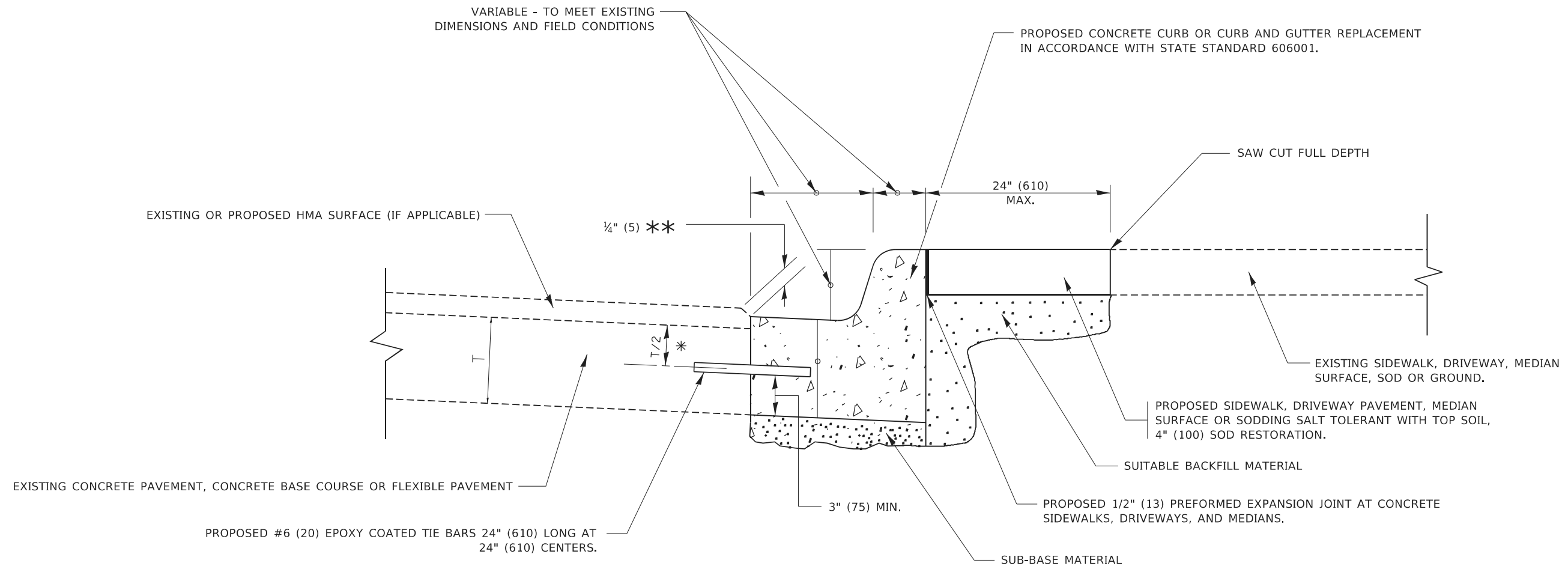
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USER NAME = demanchelt	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08
	DRAWN -	REVISED - R. BORO 09-06-11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. SMITH 08-28-19
PLOT DATE = 2/2/2022	DATE - 11-04-95	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-055-DR	VARIOUS	125	88
BD400-01 (BD-01)			CONTRACT NO. 62N86	
ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

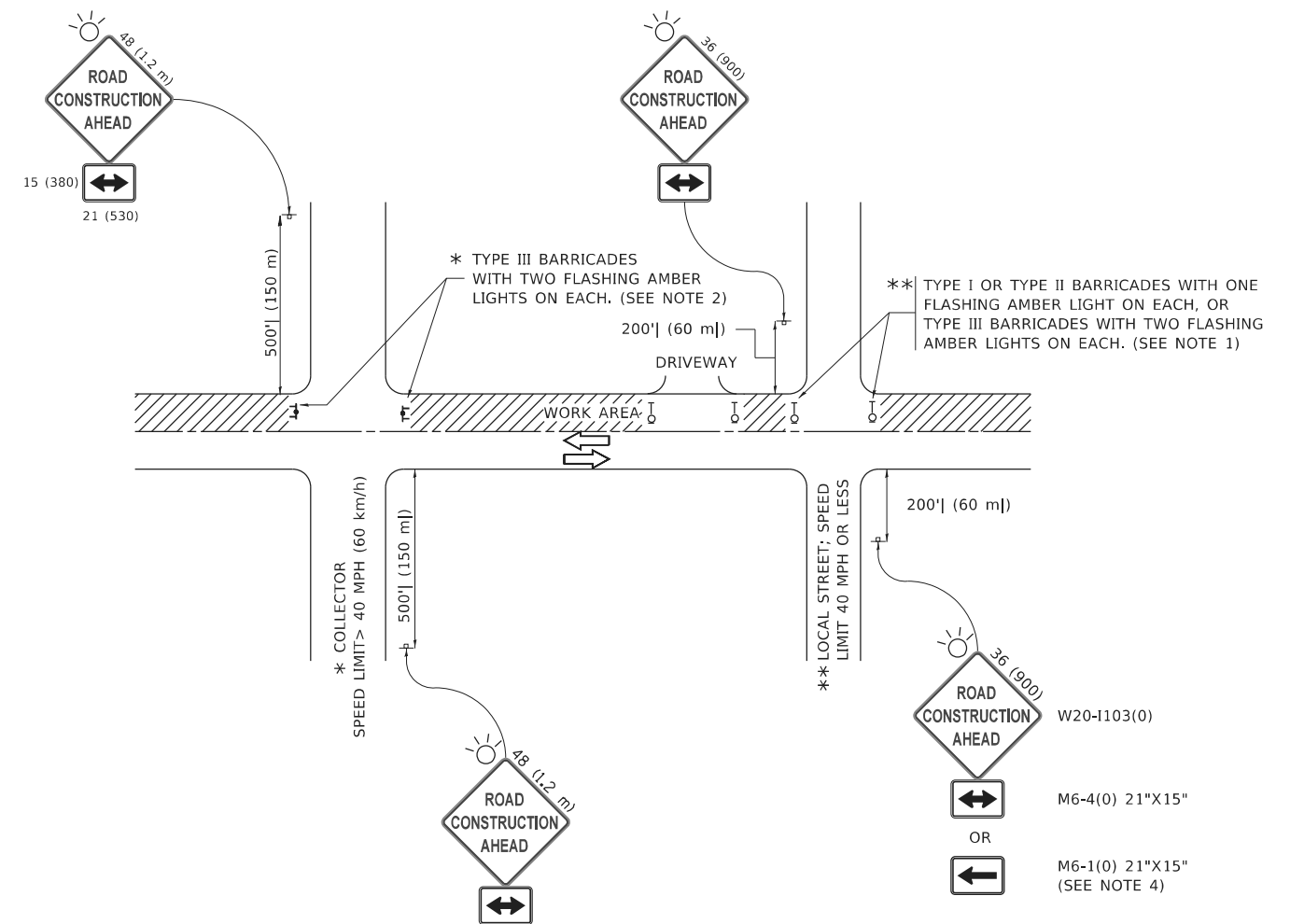
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USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-055-DR	VARIOUS	125	89
BD600-06 (BD-24)			CONTRACT NO. 62N86	
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 THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
- 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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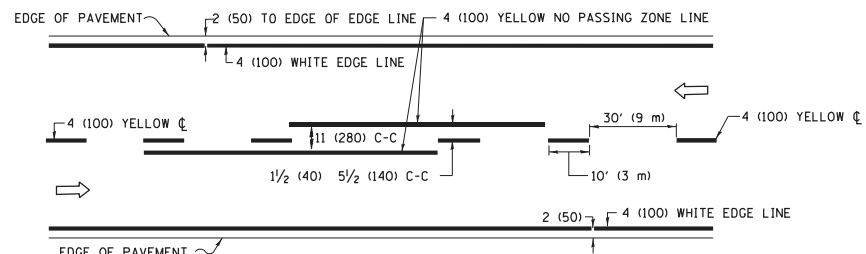
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

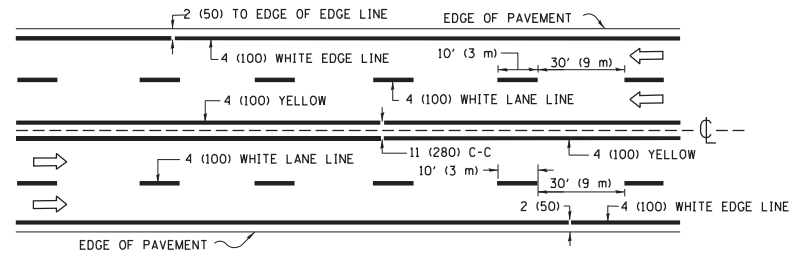
**TRAFFIC CONTROL AND PROTECTION FOR
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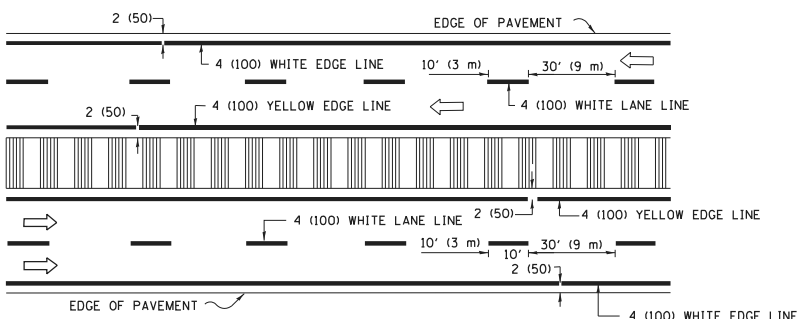
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VAR.	2021-055-DR	VARIOUS	125	90
TC-10			CONTRACT NO. 62N86	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

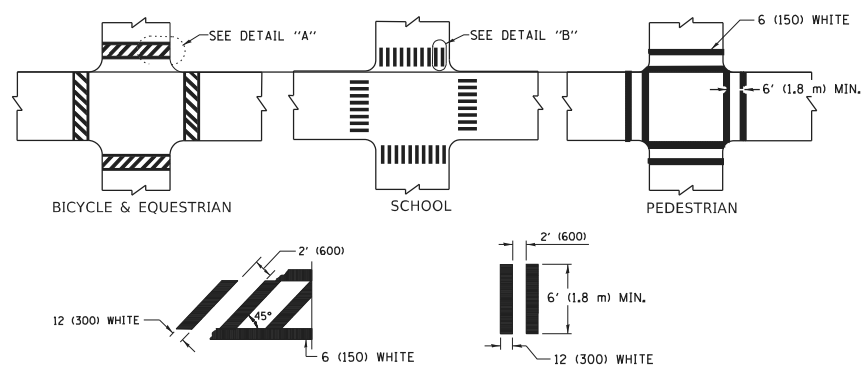


MULTI-LANE UNDIVIDED



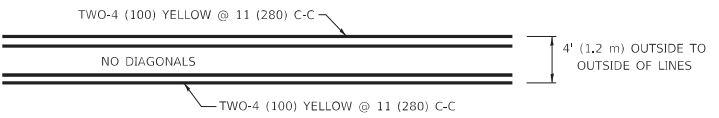
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

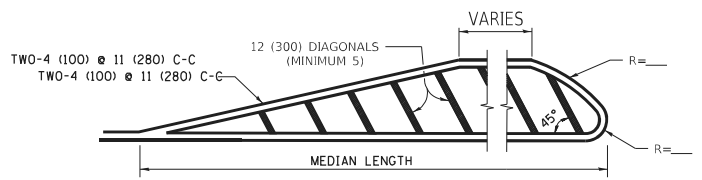


TYPICAL CROSSWALK MARKING

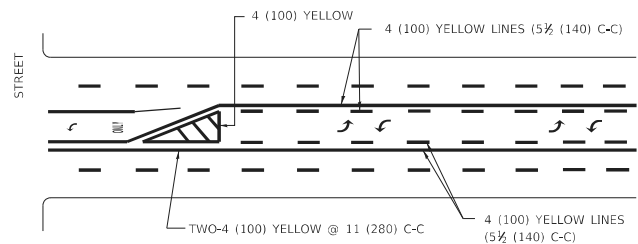
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

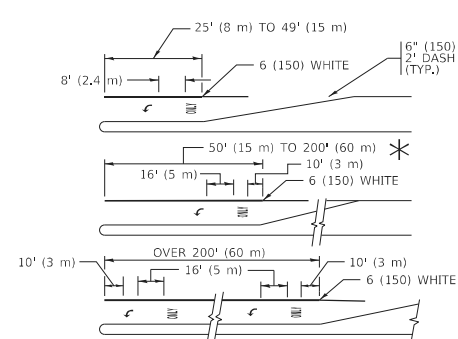


MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING

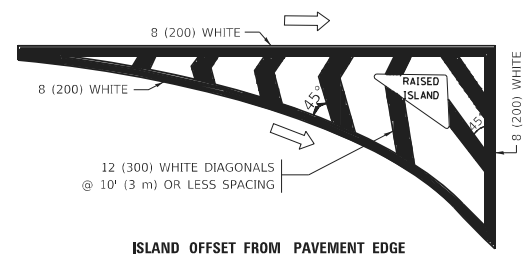
MEDIAN WITH TWO-WAY LEFT TURN LANE



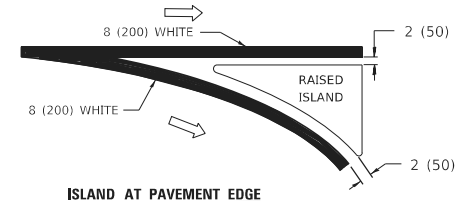
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

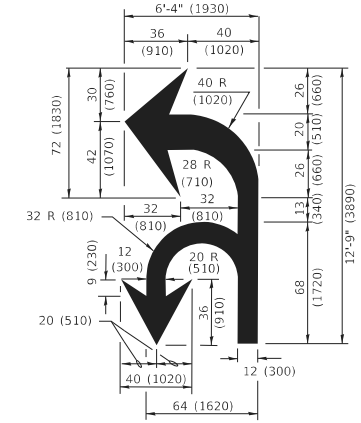


ISLAND OFFSET FROM PAVEMENT EDGE

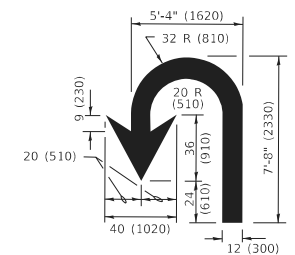


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

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

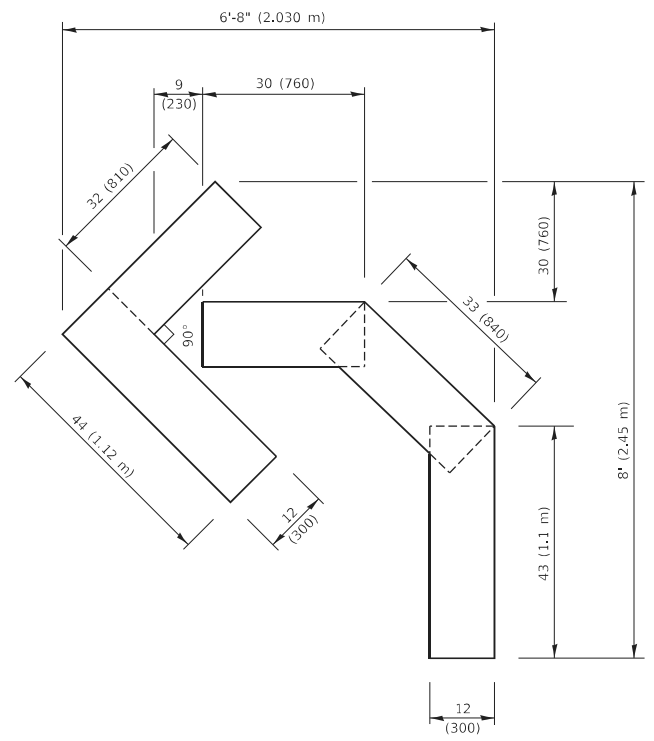
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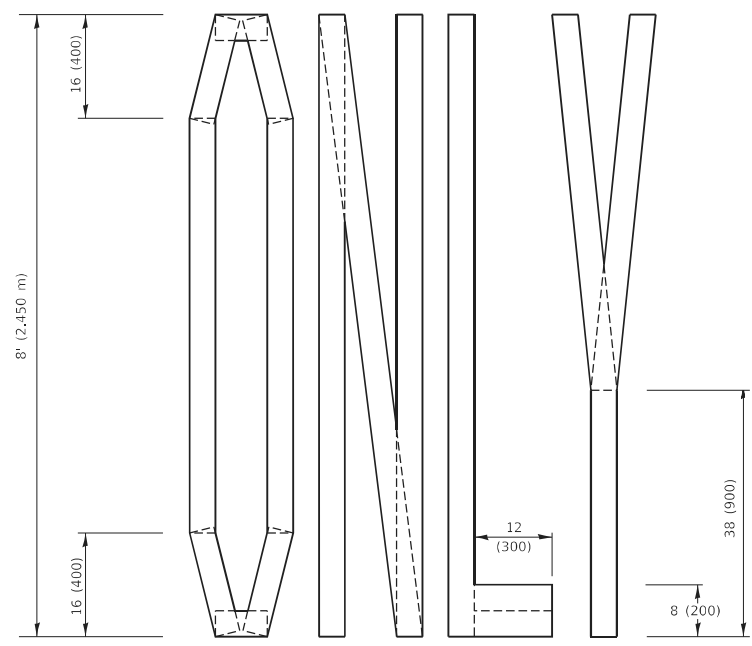
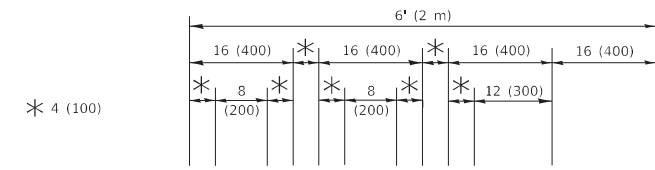
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE	
TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET 1 OF 2 SHEETS STA. TO STA.

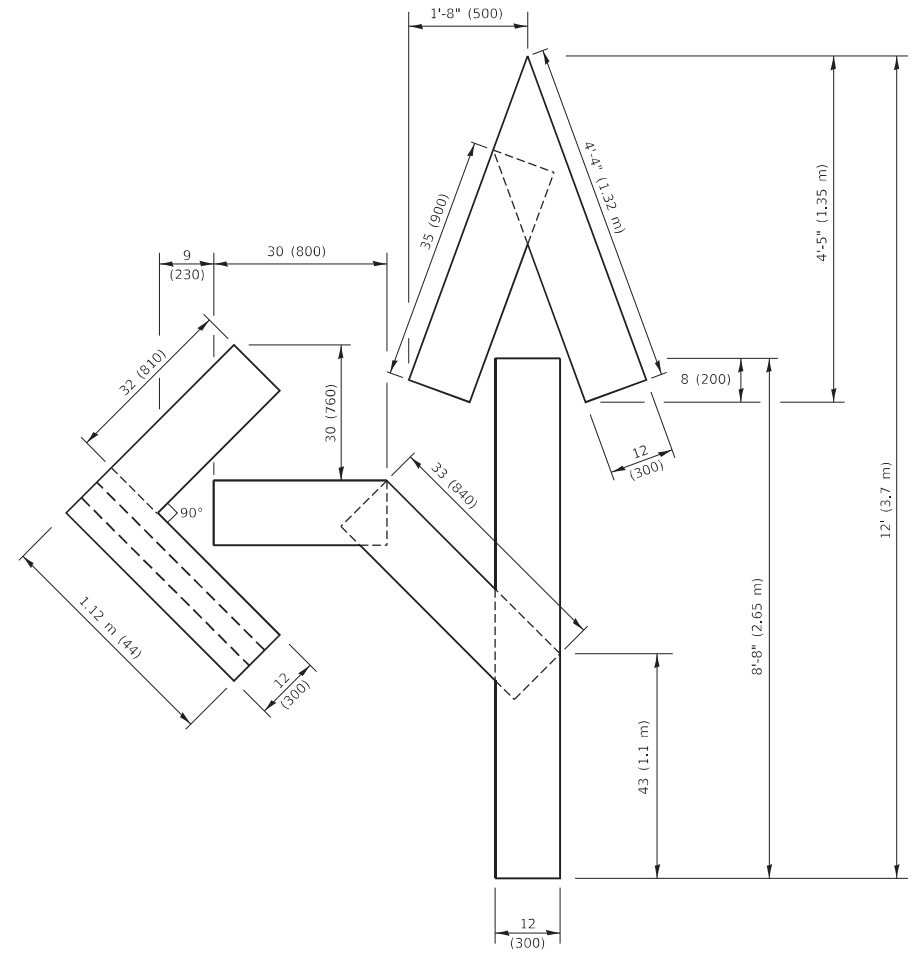
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-055-DR	VARIOUS	125	91
TC-13		CONTRACT NO.	62N86	
ILLINOIS		FED. AID PROJECT		



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

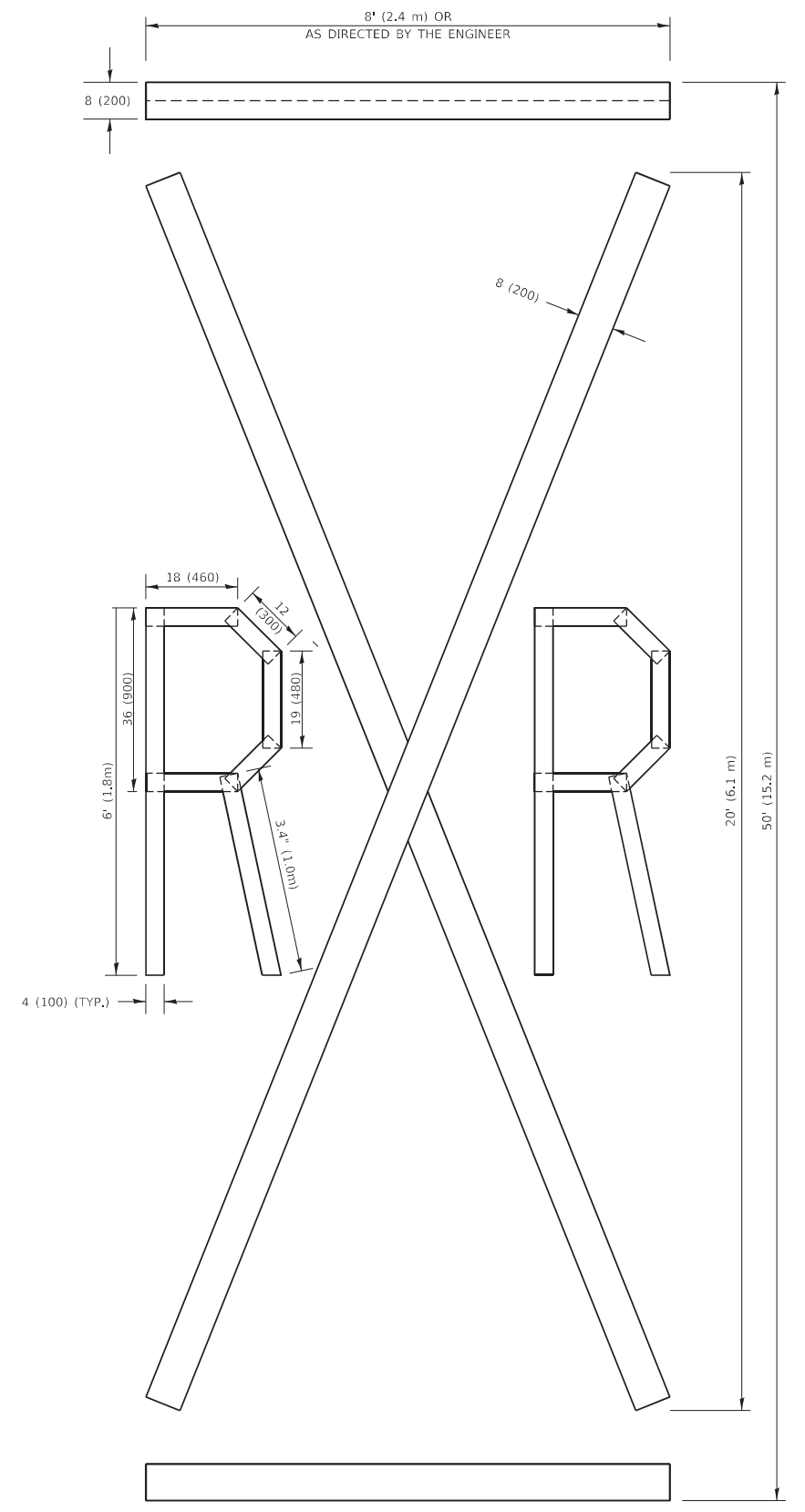


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

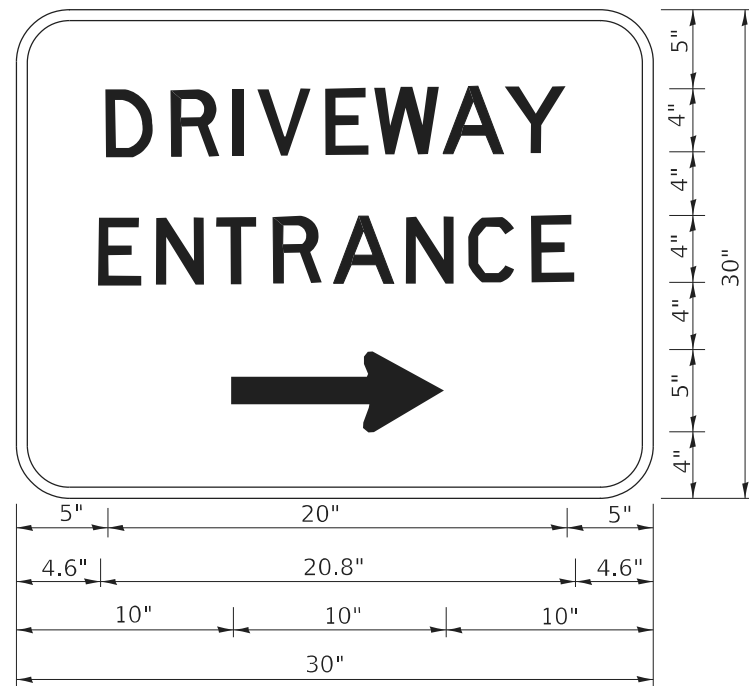
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	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-055-DR	VARIOUS	125	92
TC-16		CONTRACT NO. 62N86		
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

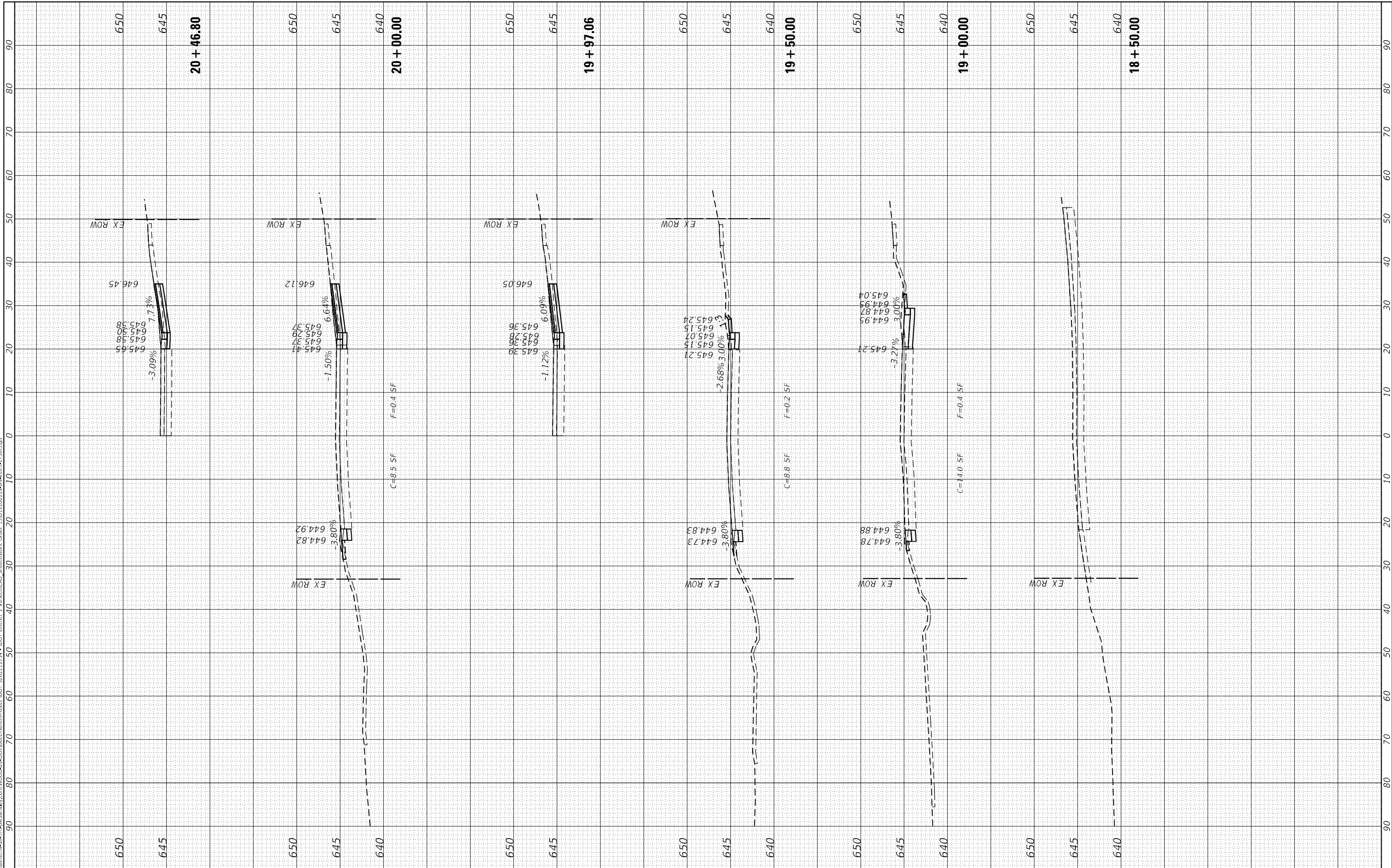
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ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

175TH STREET CROSS SECTIONS

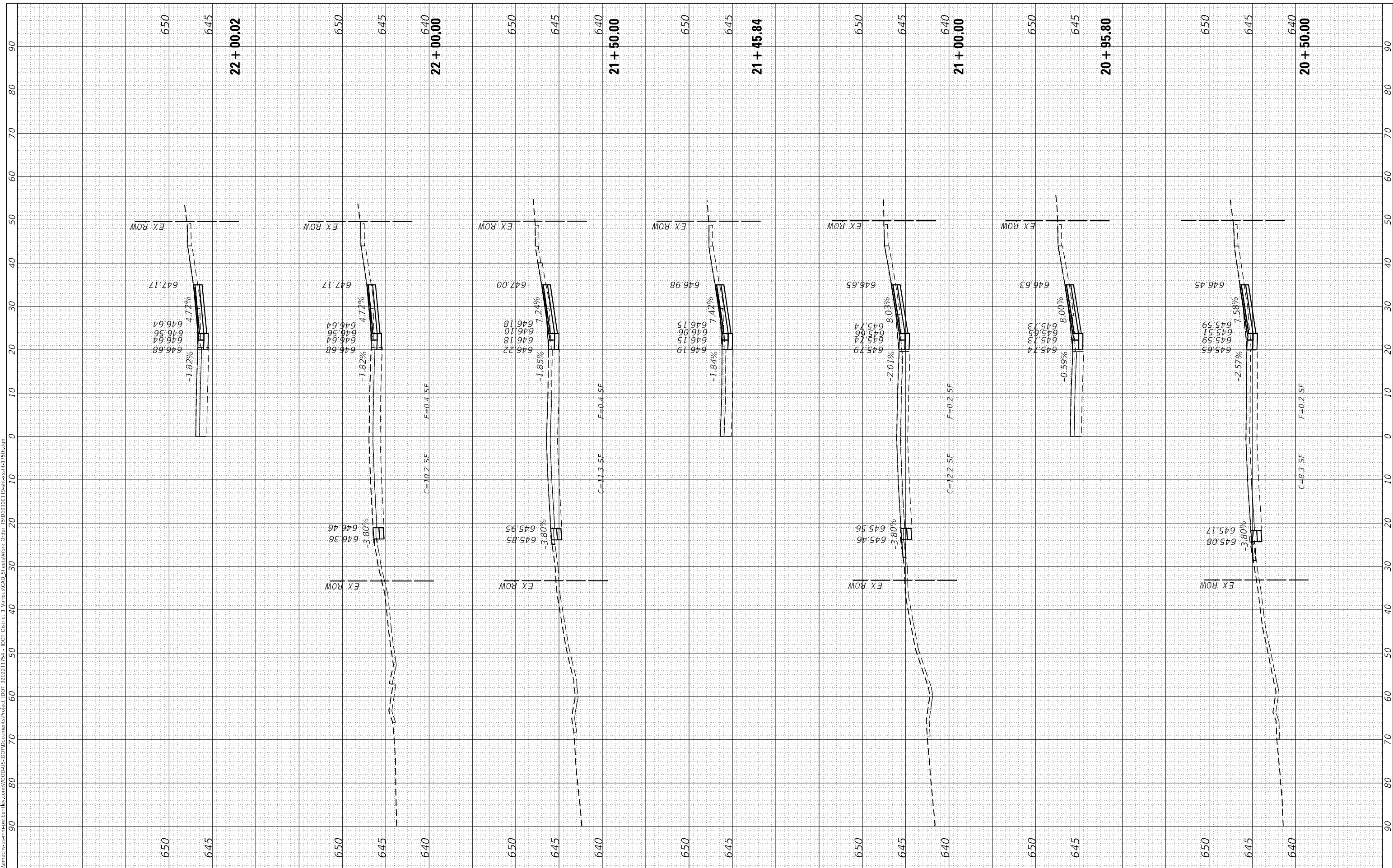
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F.A.U. RTE. 1618	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 94
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

175TH STREET CROSS SECTIONS

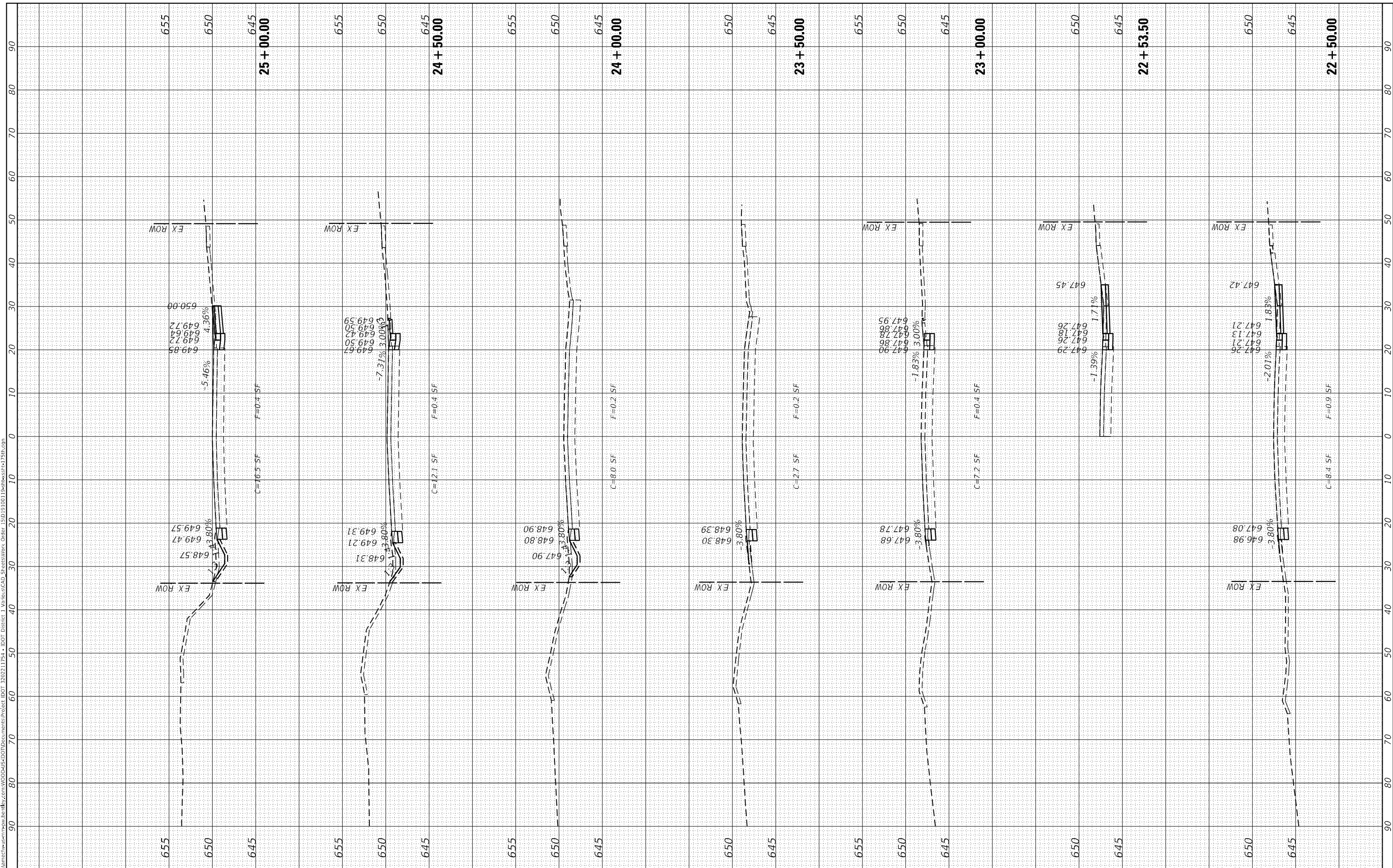
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	95
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

175TH STREET CROSS SECTIONS

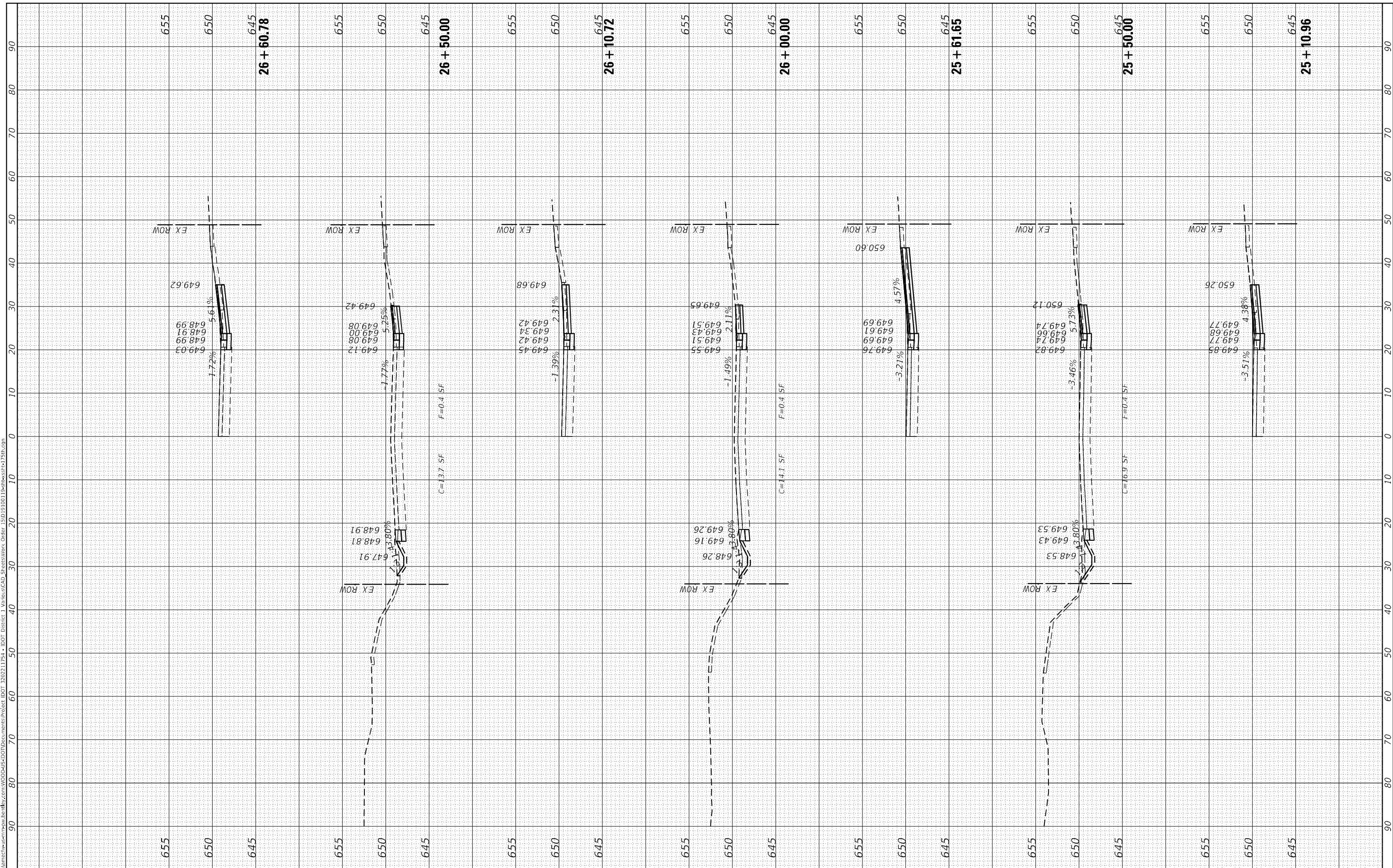
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F.A.U. RTE. 1618	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 96
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	

FINAL SURVEY NO.	SURVEYED	BY	DATE
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

175TH STREET CROSS SECTIONS

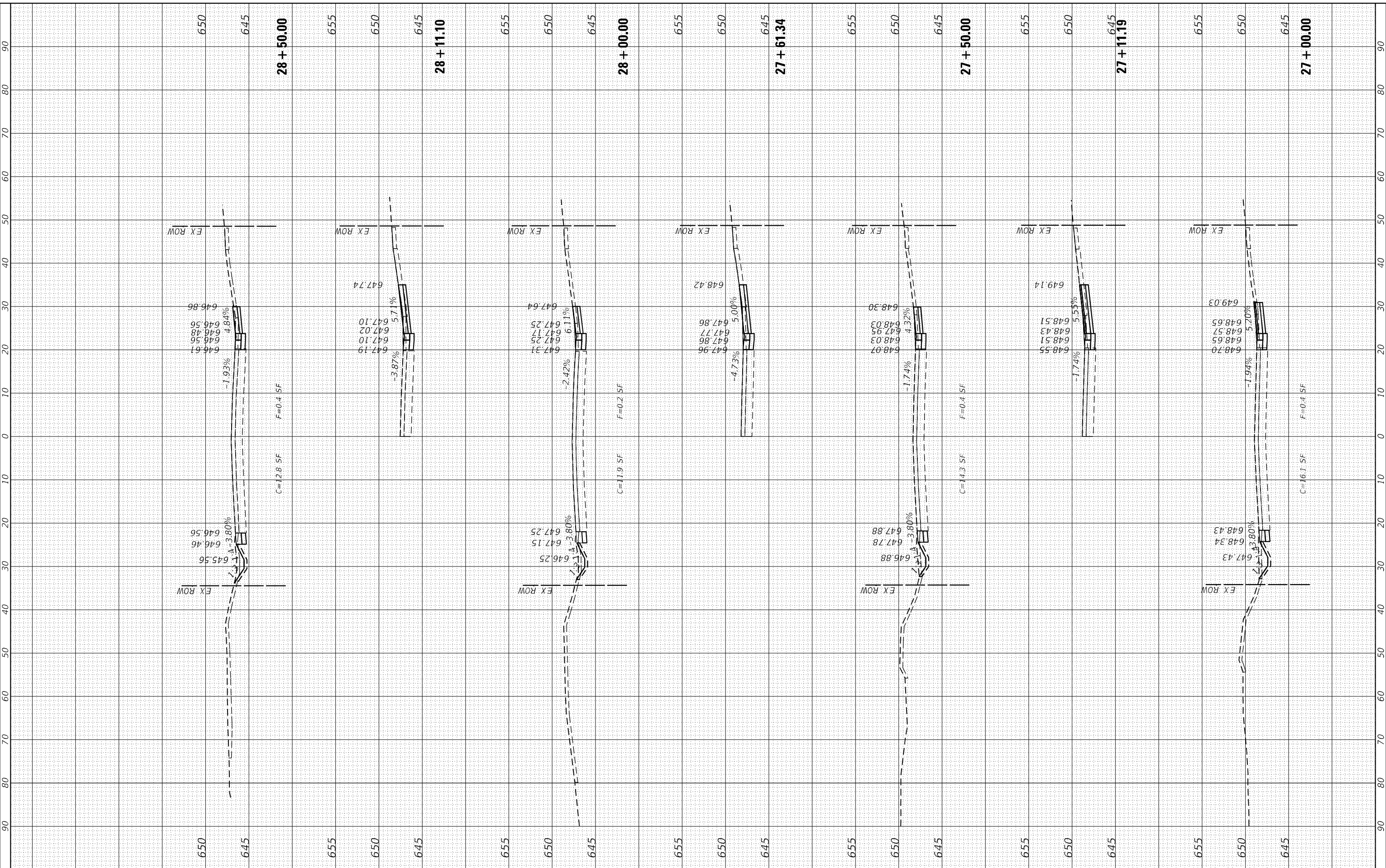
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F.A.U. RTE. 1618	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 97
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
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PLOT DATE	= 2/9/2023

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

175TH STREET CROSS SECTIONS

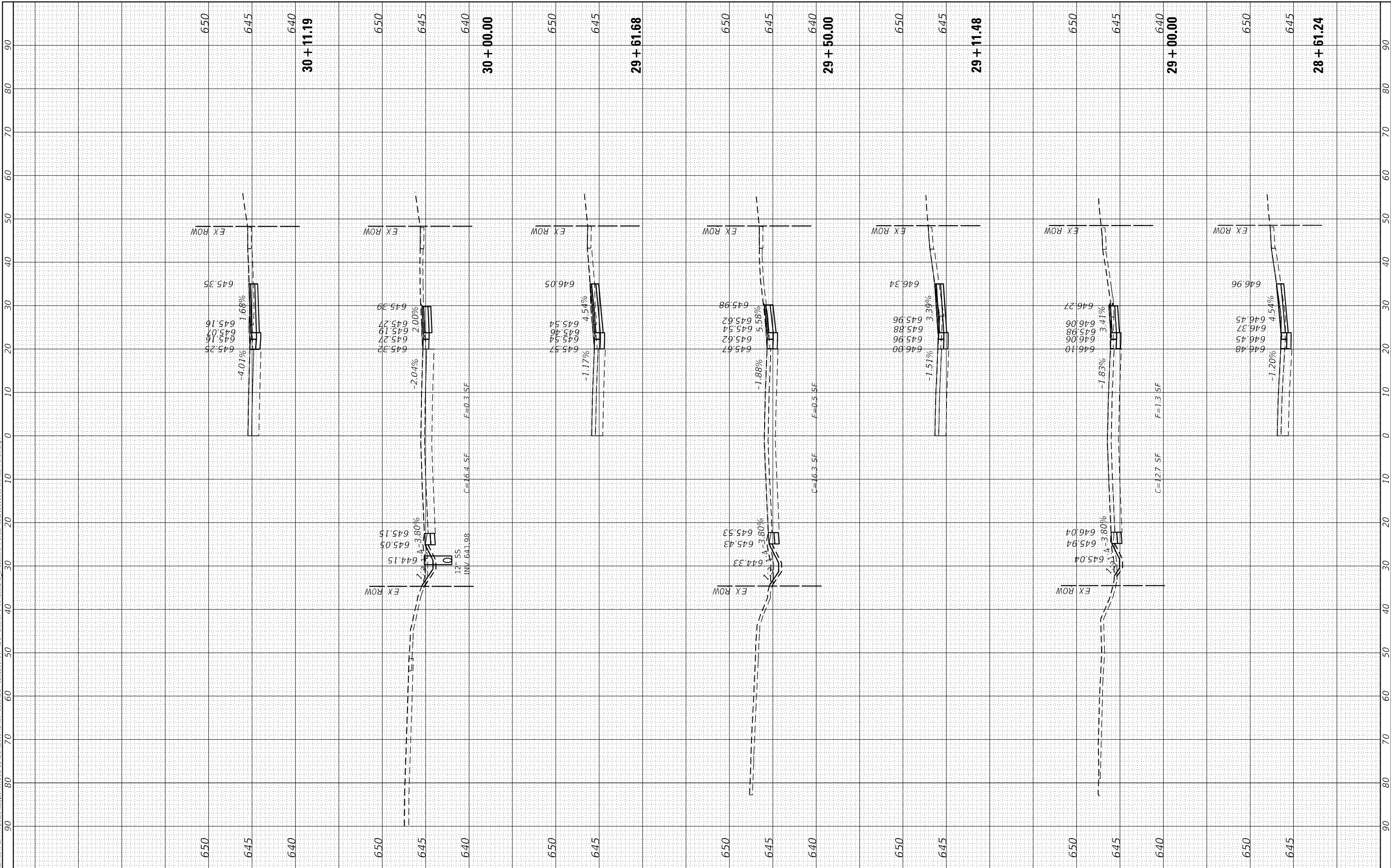
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	98
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	NO.
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PLOT DATE = 2/9/2023	CHECKED - GSB	REVISIONS
	DATE - 2/10/2023	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

175TH STREET CROSS SECTIONS

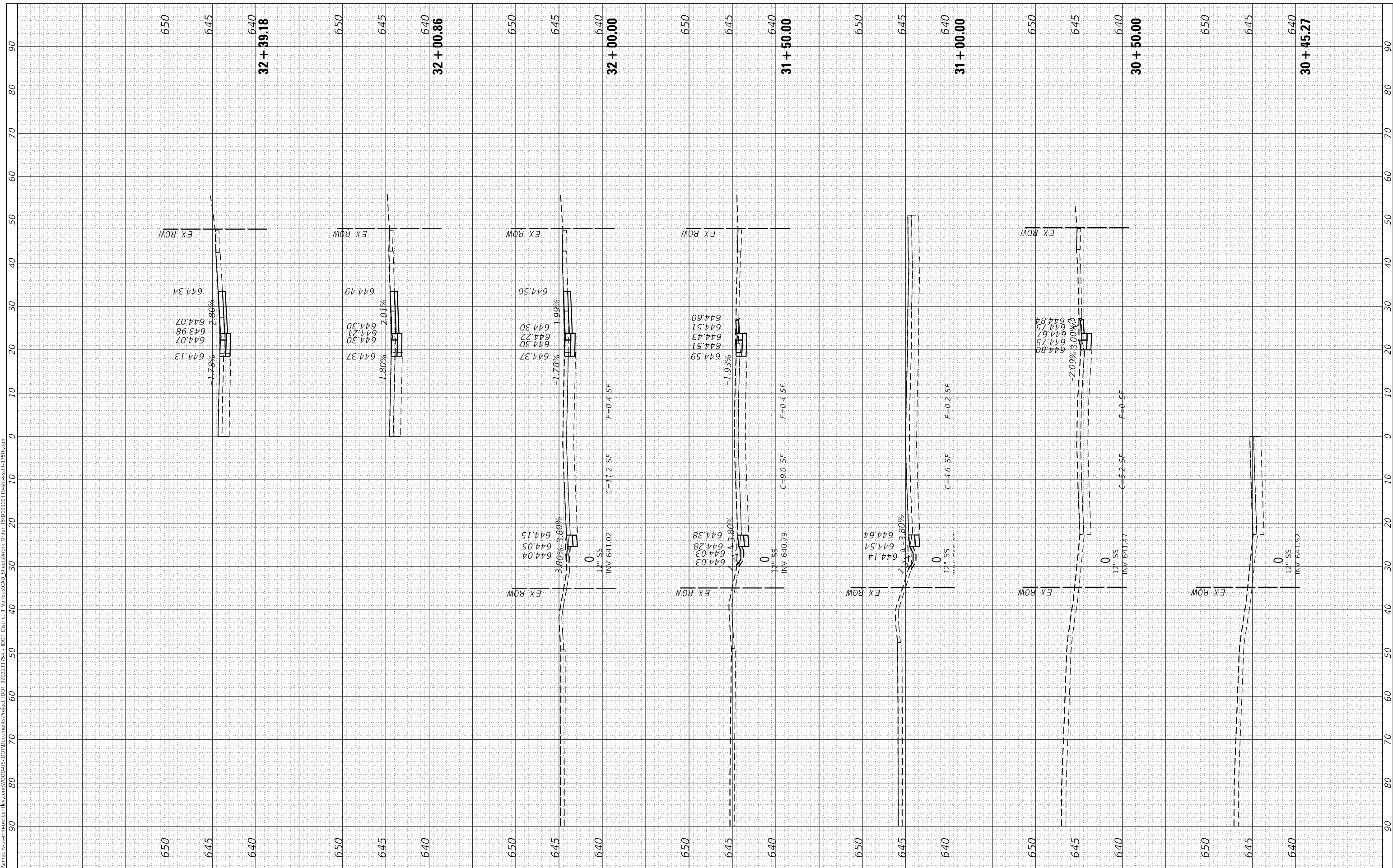
SCALE: H: 1"=10'
V: 1"=5'
SHEET 6 OF 10 SHEETS STA. 28+61.24 TO STA. 30+11.19

F.A.U. RTE. 1618	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 99
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME = tm.chi	DESIGNED - TC	REVISIONS
PLLOT SCALE = 20,0000' / in.	DRAWN - TC	REVISIONS
PLLOT DATE = 2/9/2023	CHECKED - GSB	REVISIONS
	DATE - 2/10/2023	REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

175TH STREET CROSS SECTIONS

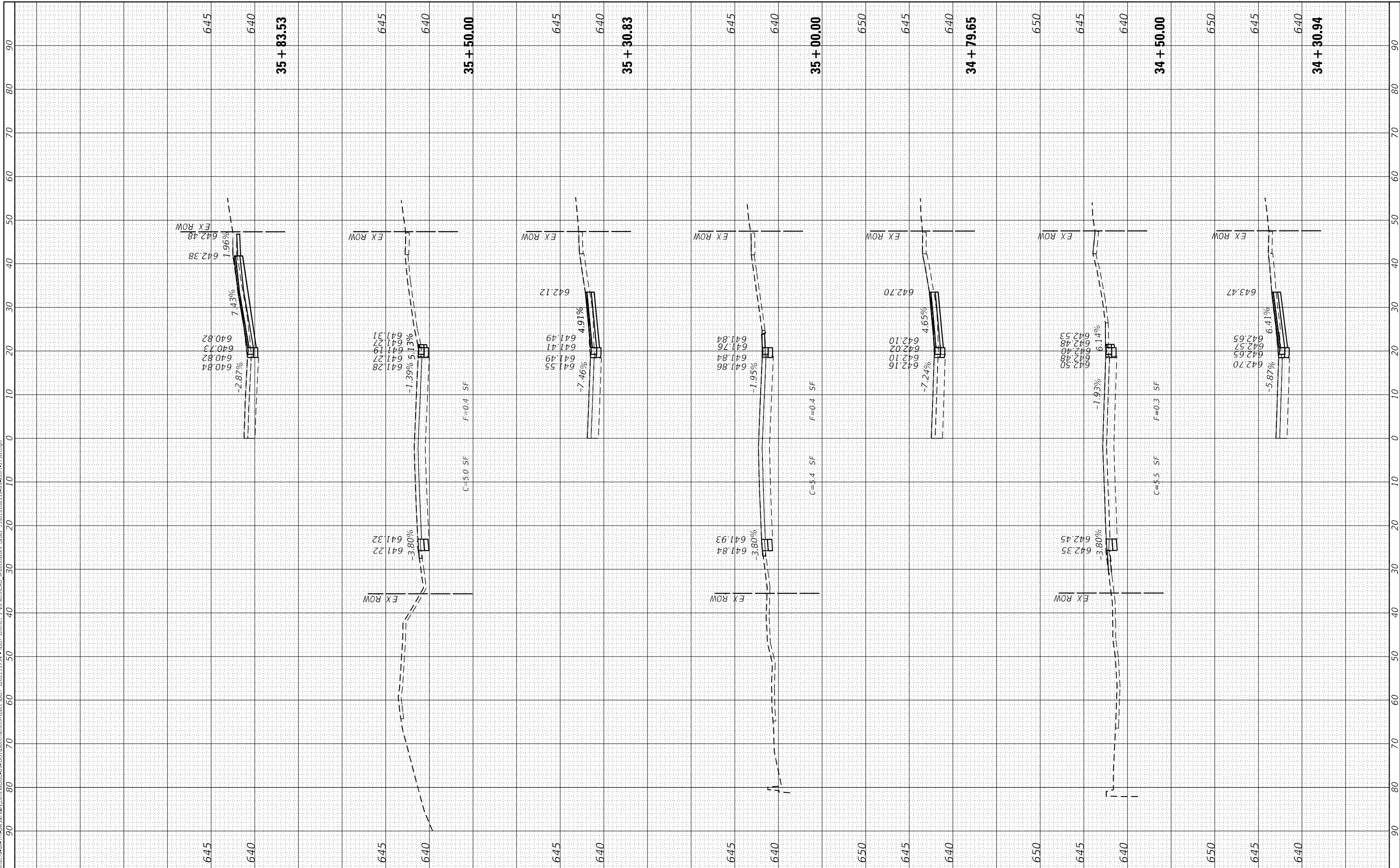
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 7 OF 10 SHEETS
 STA. 30+45.27 TO STA. 32+39.18

F.A.U. RTE. 1618	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 100
CONTRACT NO. 62N86			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		

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USER NAME = tm.chin	DESIGNED - TC	REVISIONS
PLOT SCALE = 20,0000' / in.	DRAWN - TC	REVISIONS
PLOT DATE = 2/9/2023	CHECKED - GSB	REVISIONS
	DATE - 2/10/2023	REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

175TH STREET CROSS SECTIONS

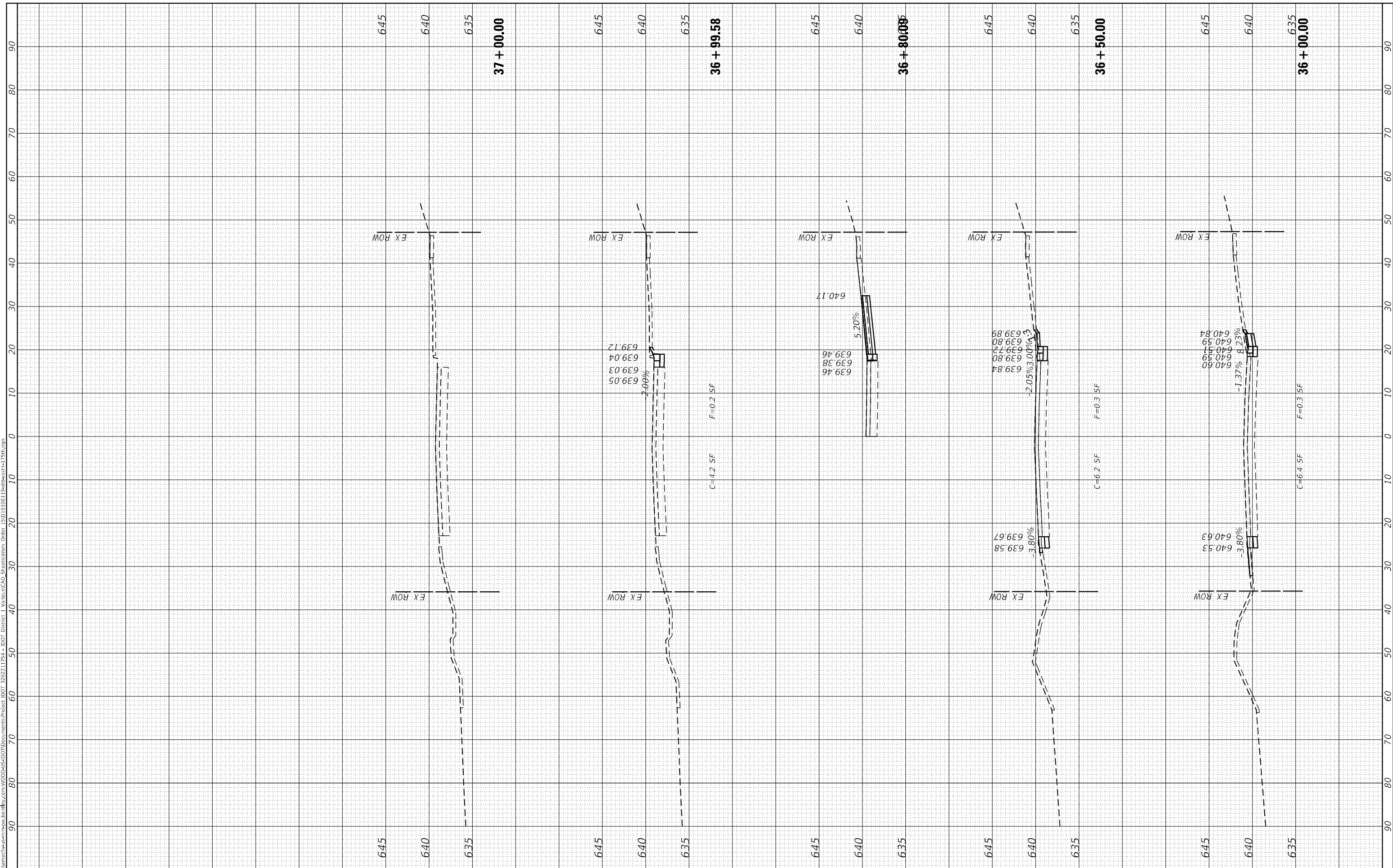
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 9 OF 10 SHEETS STA. 34+30.94 TO STA. 35+83.53

F.A.U. RTE. 1618	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 102
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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USER NAME = tlm.chin	DESIGNED - TC	REVISIED -
	DRAWN - TC	REVISIED -
PLOT SCALE = 20,0000' / in.	CHECKED - GSB	REVISIED -
PLOT DATE = 2/9/2023	DATE - 2/10/2023	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

175TH STREET CROSS SECTIONS

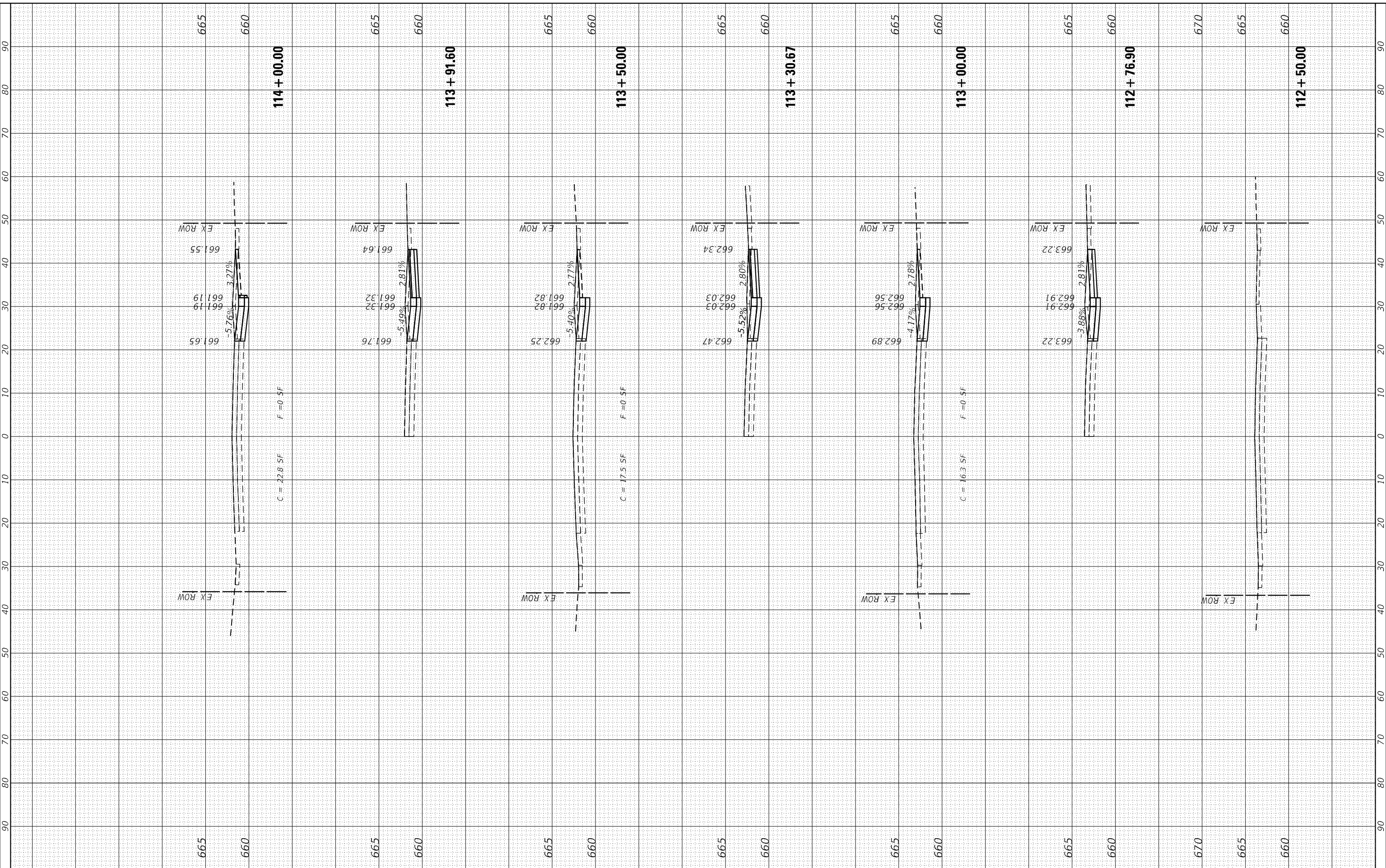
SCALE: H: 1"=10'
V: 1"=5'
SHEET 10 OF 10 SHEETS STA. 36+00.00 TO STA. 37+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	2021-055-DR	COOK	125	103
CONTRACT NO. 62N86				
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 = tlm.chi	DESIGNED - TC	REVISIONS
PLOT SCALE = 20,0000' / in.	DRAWN - TC	REVISIONS
PLOT DATE = 2/8/2023	CHECKED - GSB	REVISIONS
	DATE - 2/10/2023	REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY CROSS SECTIONS

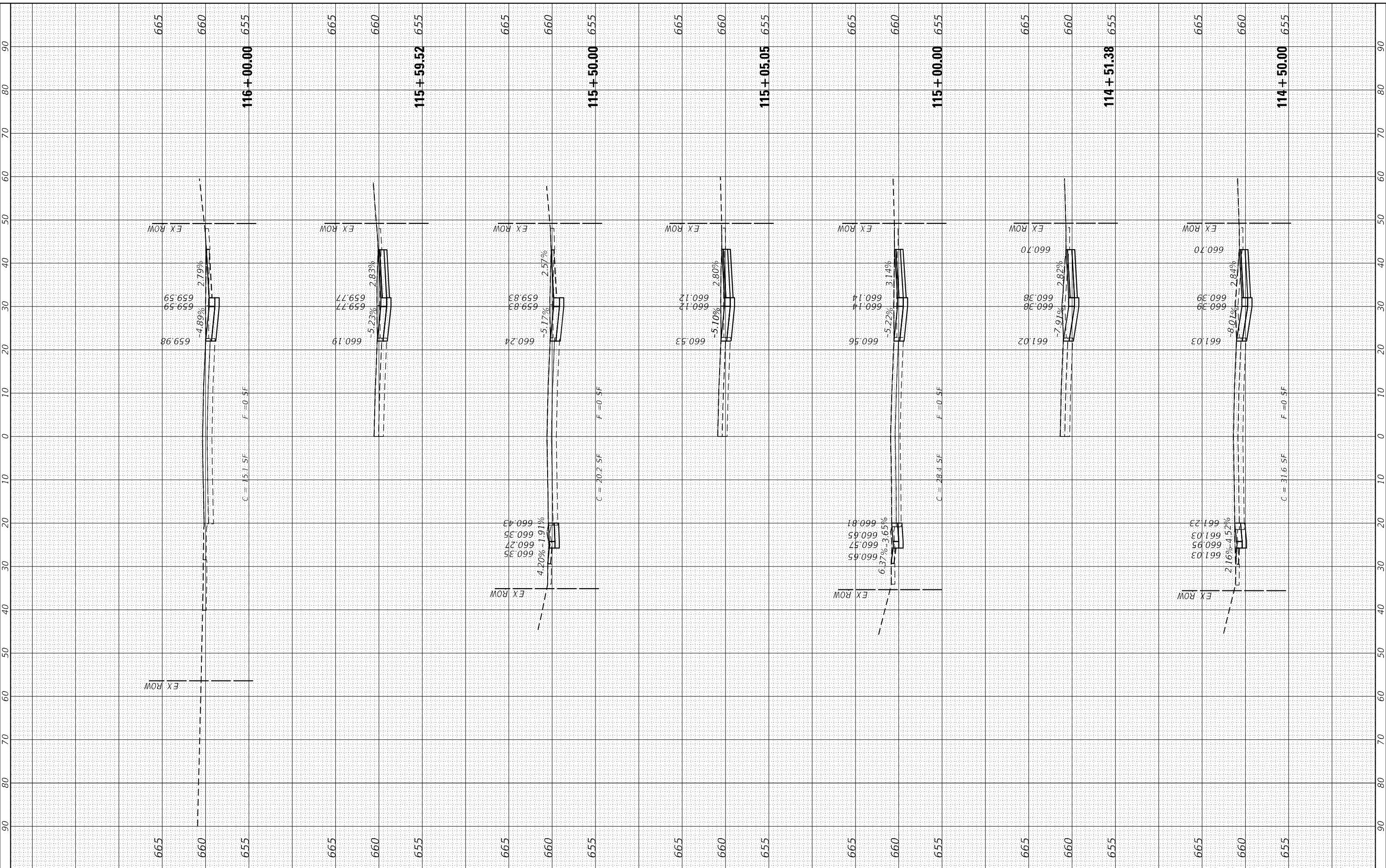
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 1 OF 10 SHEETS STA. 112+50.00 TO STA. 114+00.00

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 104
			CONTRACT NO. 62N86	
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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 PROJECT: IDOT District 1 Vandalia CAD Sheets\Work Order 1501910019\sheet\sh-2\dixhw.dgn



USER NAME	= tqm.chin
DESIGNED	- TC
DRAWN	- TC
CHECKED	- GSB
DATE	- 2/10/2023

REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY CROSS SECTIONS

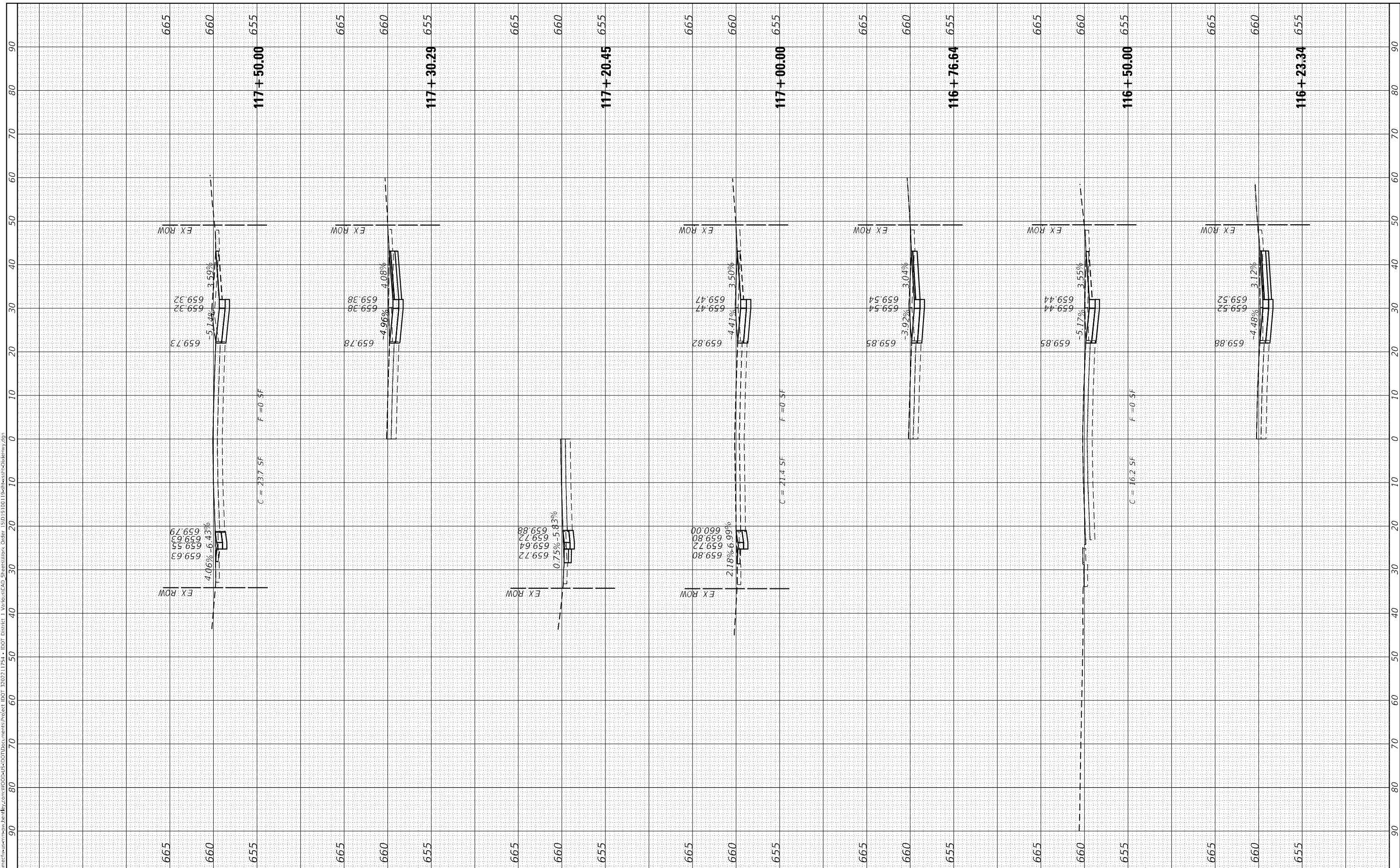
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 2 OF 10 SHEETS STA. 114+50.00 TO STA. 116+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	105
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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USER NAME = tlm.chi	DESIGNED - TC	REVISIONS
	DRAWN - TC	REVISIONS
PLOT SCALE = 20,0000' / in.	CHECKED - GSB	REVISIONS
PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISIONS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY CROSS SECTIONS

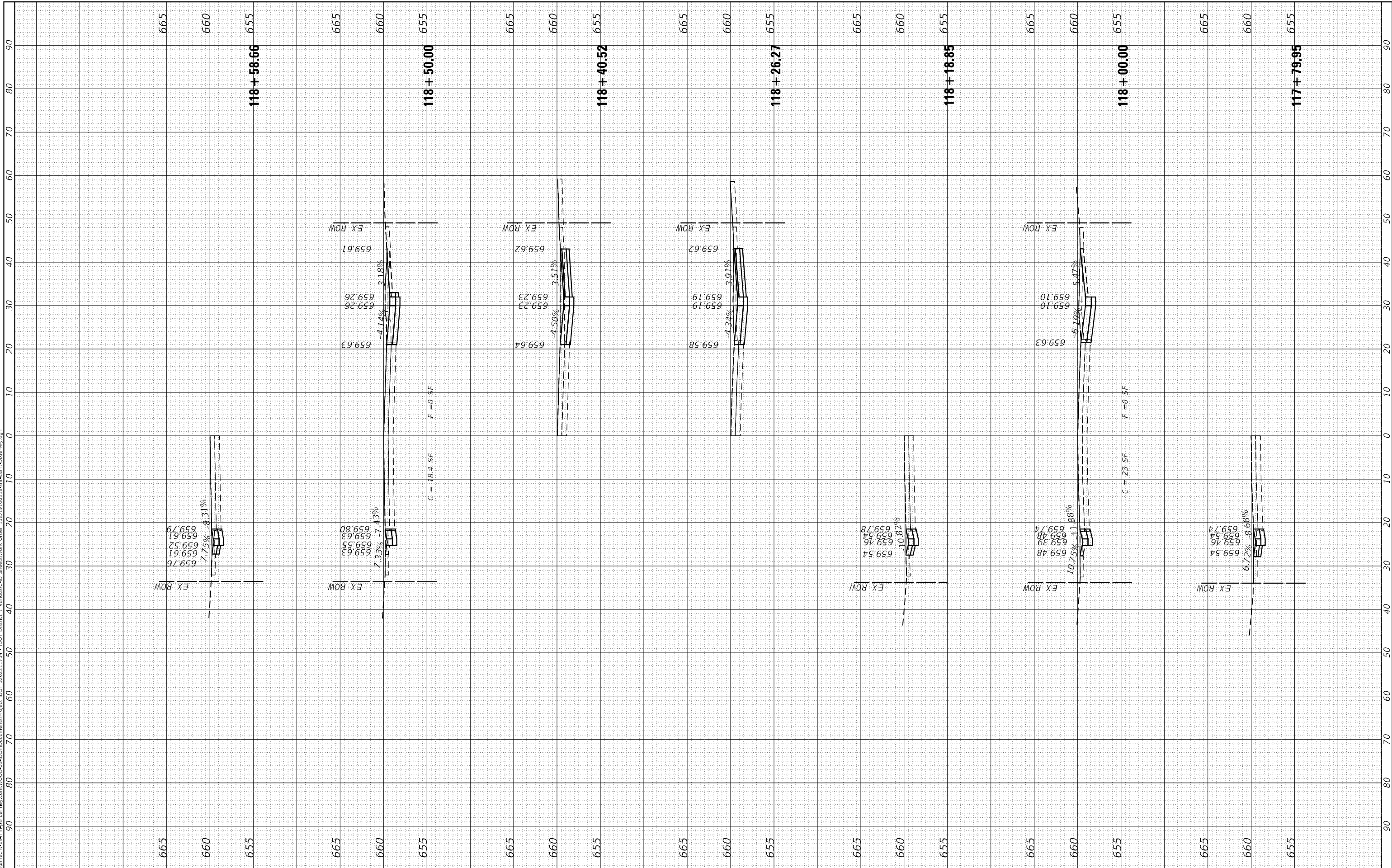
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 3 OF 10 SHEETS STA. 116+23.34 TO STA. 117+50.00

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 106
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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USER NAME = tlm.chin	DESIGNED - TC	REVISOR -
	DRAWN - TC	REVISOR -
PLOT SCALE = 20,0000' / in.	CHECKED - GSB	REVISOR -
PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY CROSS SECTIONS

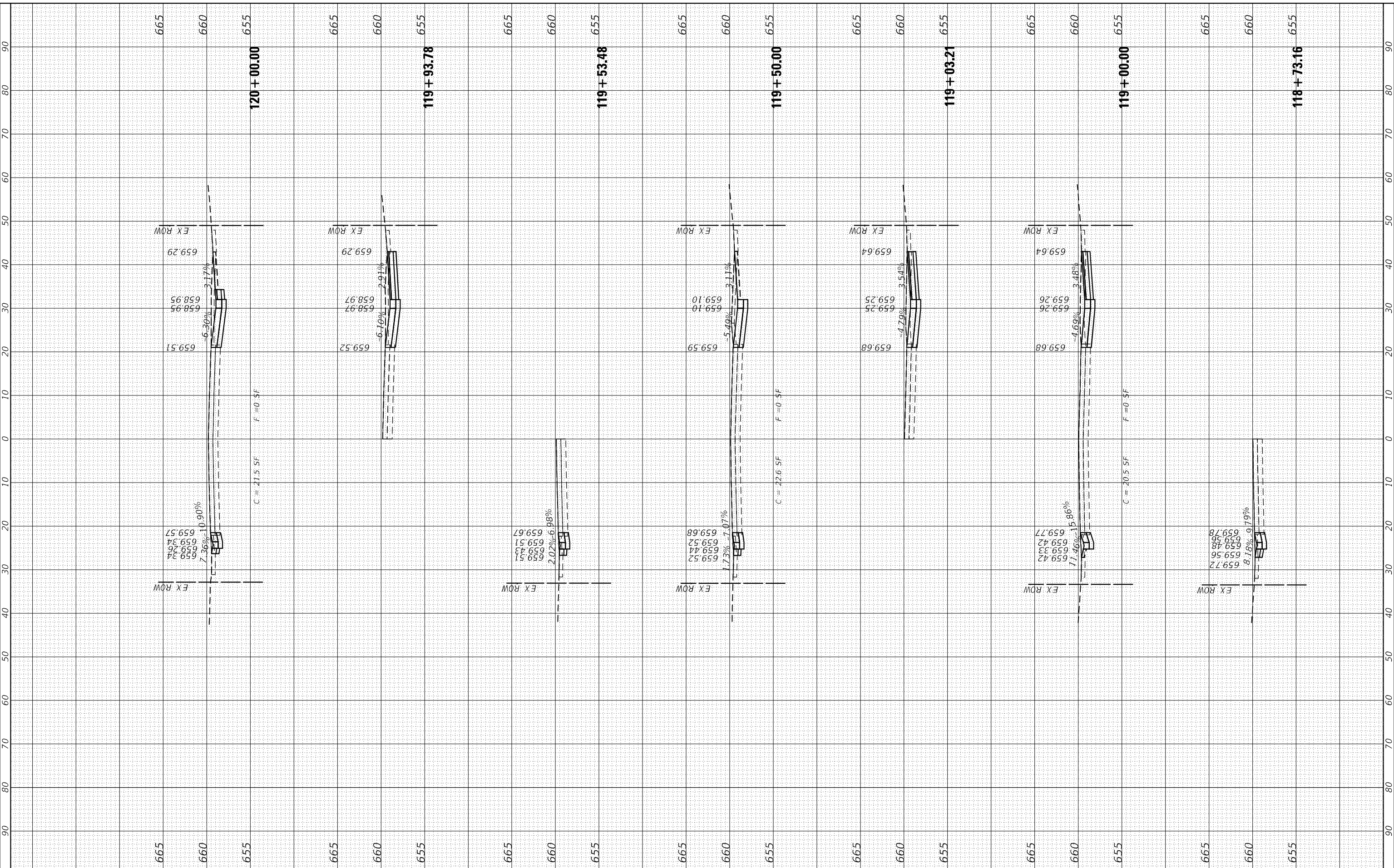
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 4 OF 10 SHEETS STA. 117+79.95 TO STA. 118+58.66

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 107
			CONTRACT NO. 62N86	
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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USER NAME = tjm.chi	DESIGNED - TC	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - TC	REVISED -
PLOT DATE = 2/8/2023	CHECKED - GSB	REVISED -
	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY CROSS SECTIONS

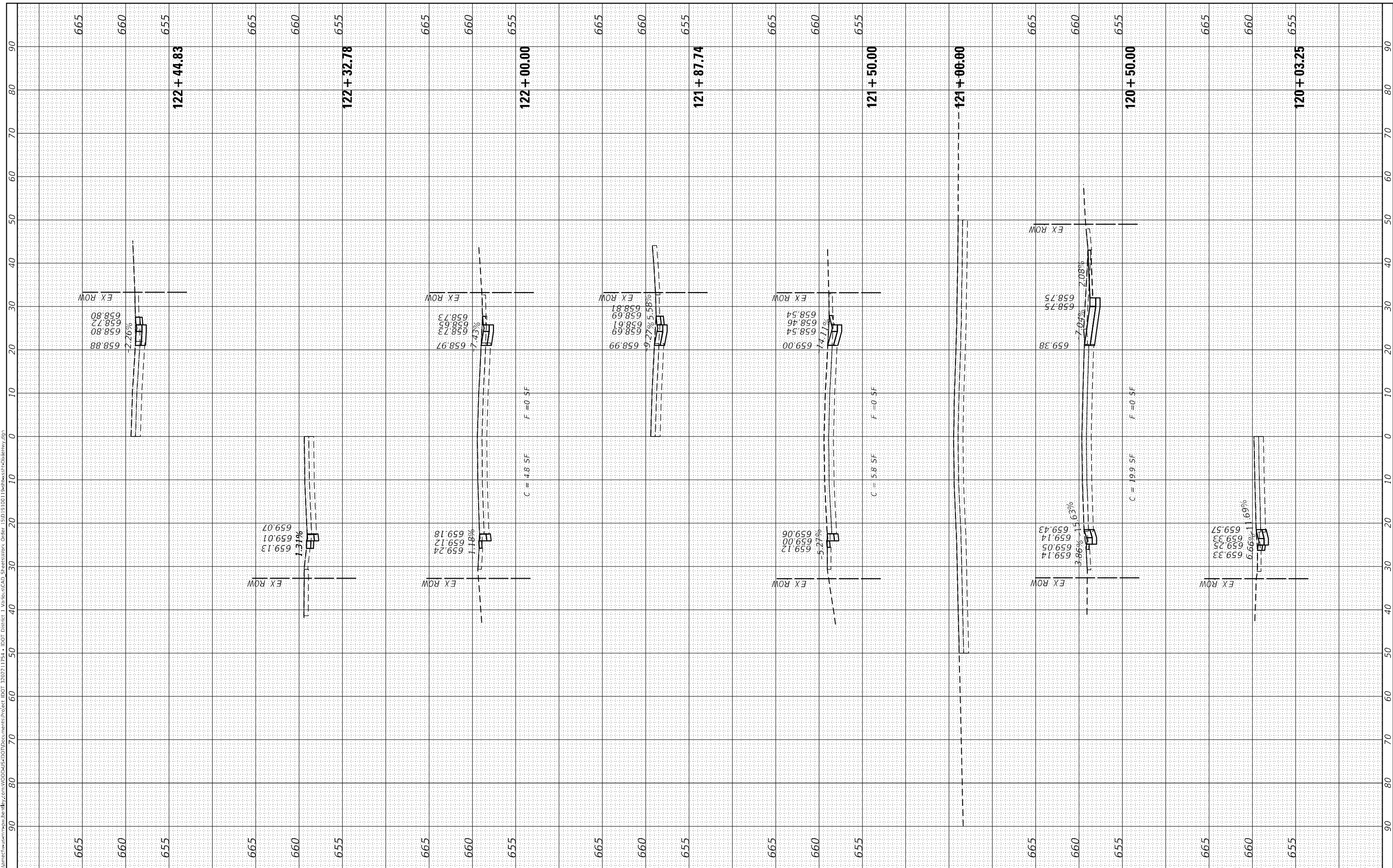
SCALE: H: 1"=10'
V: 1"=5'
SHEET 5 OF 10 SHEETS STA. 118+73.16 TO STA. 120+00.00

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 108
CONTRACT NO. 62N86				
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		

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USER NAME = tlm.chi	DESIGNED - TC	REVISOR -
	DRAWN - TC	REVISOR -
PLOT SCALE = 20,0000' / in.	CHECKED - GSB	REVISOR -
PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY CROSS SECTIONS

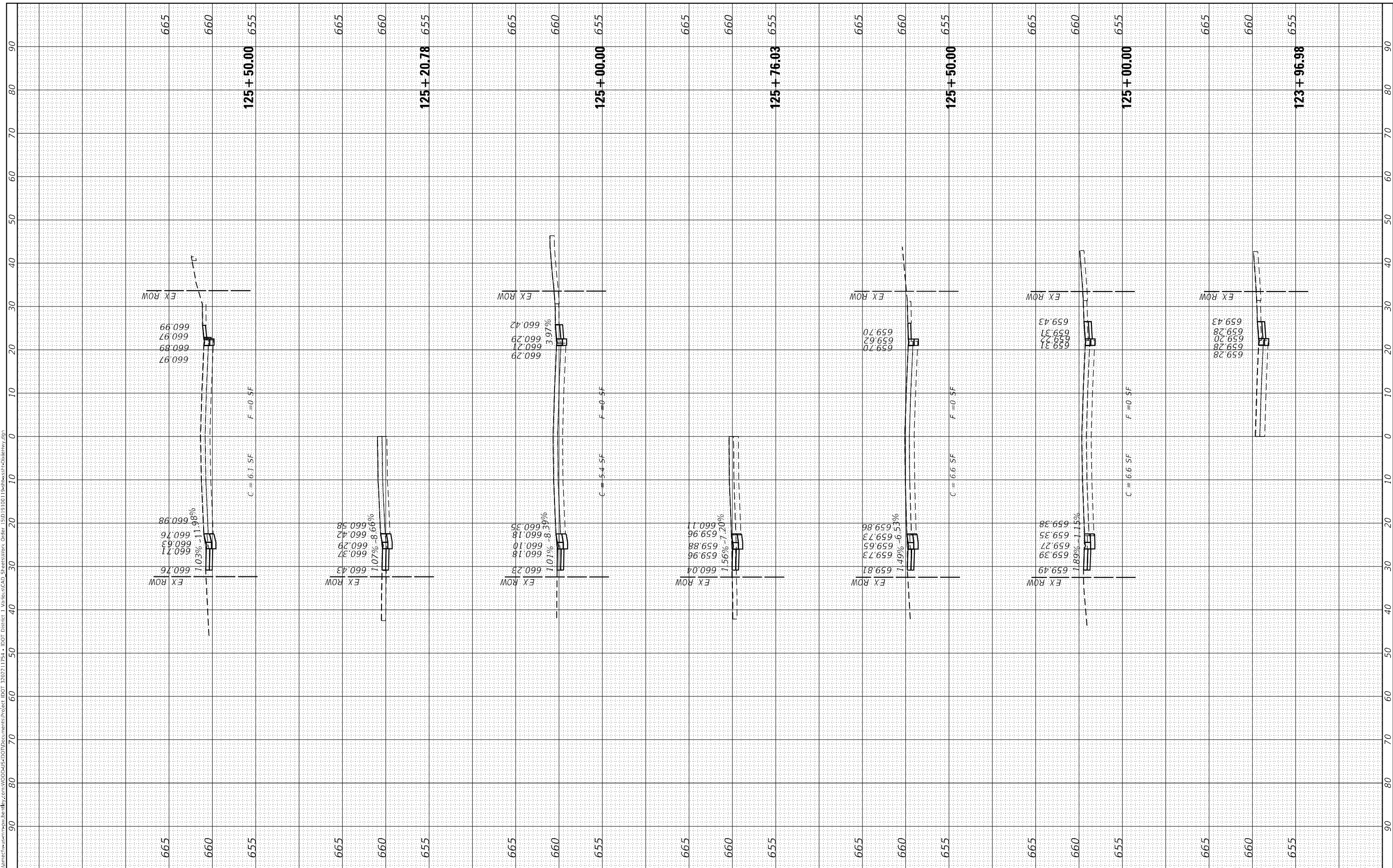
SCALE: H: 1"=10'
V: 1"=5'
SHEET 6 OF 10 SHEETS STA. 120+03.25 TO STA. 122+44.83

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 109
CONTRACT NO. 62N86			ILLINOIS FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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USER NAME = tlm.chi	DESIGNED - TC	REVISD -
	DRAWN - TC	REVISD -
PLOT SCALE = 20,0000 * / in.	CHECKED - GSB	REVISD -
PLOT DATE = 2/8/2023	DATE - 2/10/2023	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY CROSS SECTIONS

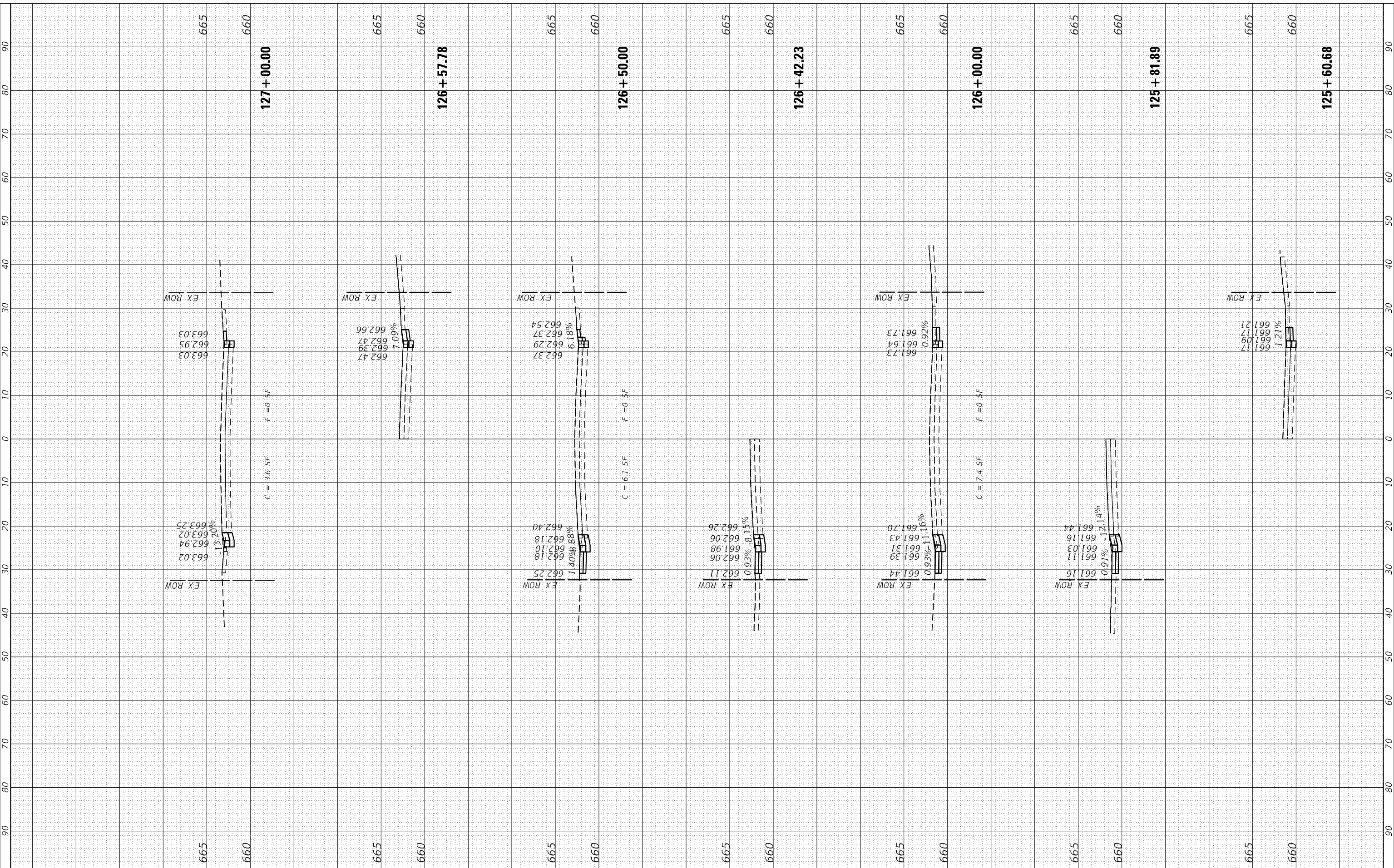
SCALE: H: 1"=10'
 V: 1"=5'
 SHEET 8 OF 10 SHEETS STA. 123+96.98 TO STA. 125+50.00

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 111
CONTRACT NO. 62N86				
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 = tlm.chi	DESIGNED - TC	REvised -
	DRAWN - TC	REvised -
PLOT SCALE = 20,0000' / in.	CHECKED - GSB	REvised -
PLOT DATE = 2/8/2023	DATE - 2/10/2023	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY CROSS SECTIONS

SCALE: H: 1"=10'
V: 1"=5'
SHEET 9 OF 10 SHEETS STA. 125+60.68 TO STA. 127+00.00

F.A.U. RTE. 2843	SECTION 2021-055-DR	COUNTY COOK	TOTAL SHEETS 125	SHEET NO. 112
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
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USER NAME = tm.chin	DESIGNED - TC	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - TC	REVISED -
PLOT DATE = 2/8/2023	CHECKED - GSB	REVISED -
	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DIXIE HIGHWAY CROSS SECTIONS

SCALE: H: 1" = 10'
 V: 1" = 5'
 SHEET 10 OF 10 SHEETS STA. 127+50.00 TO STA. 128+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	2021-055-DR	COOK	125	113
CONTRACT NO. 62N86				
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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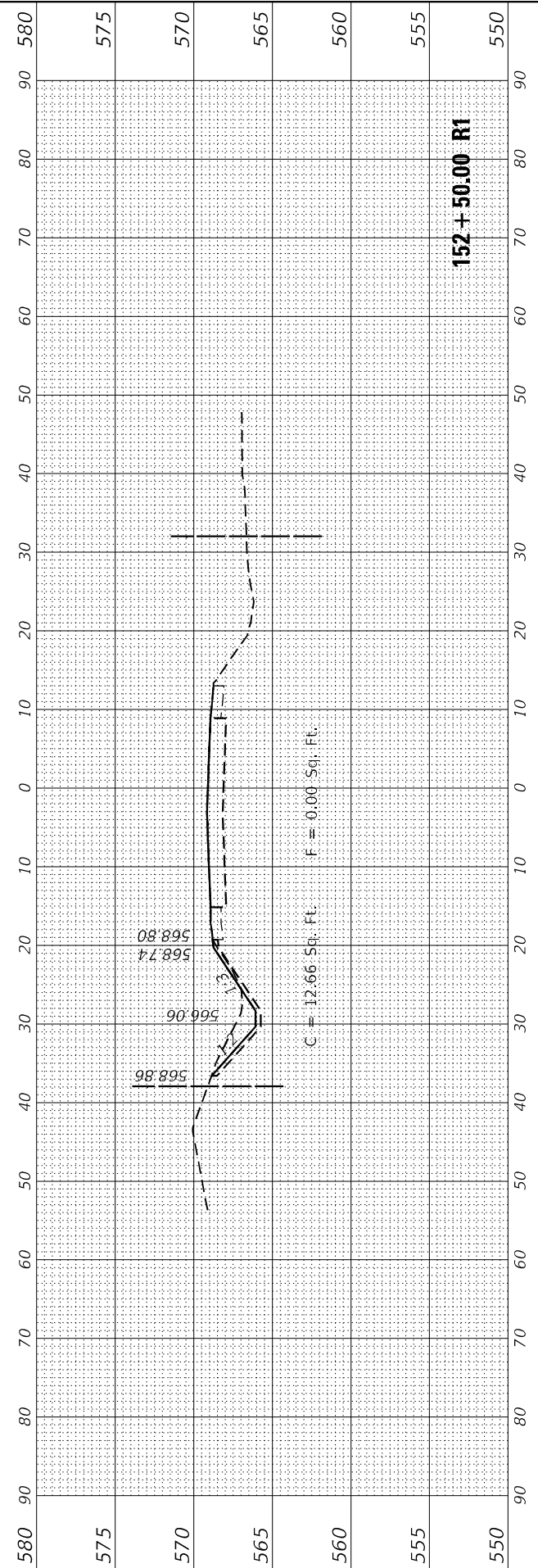
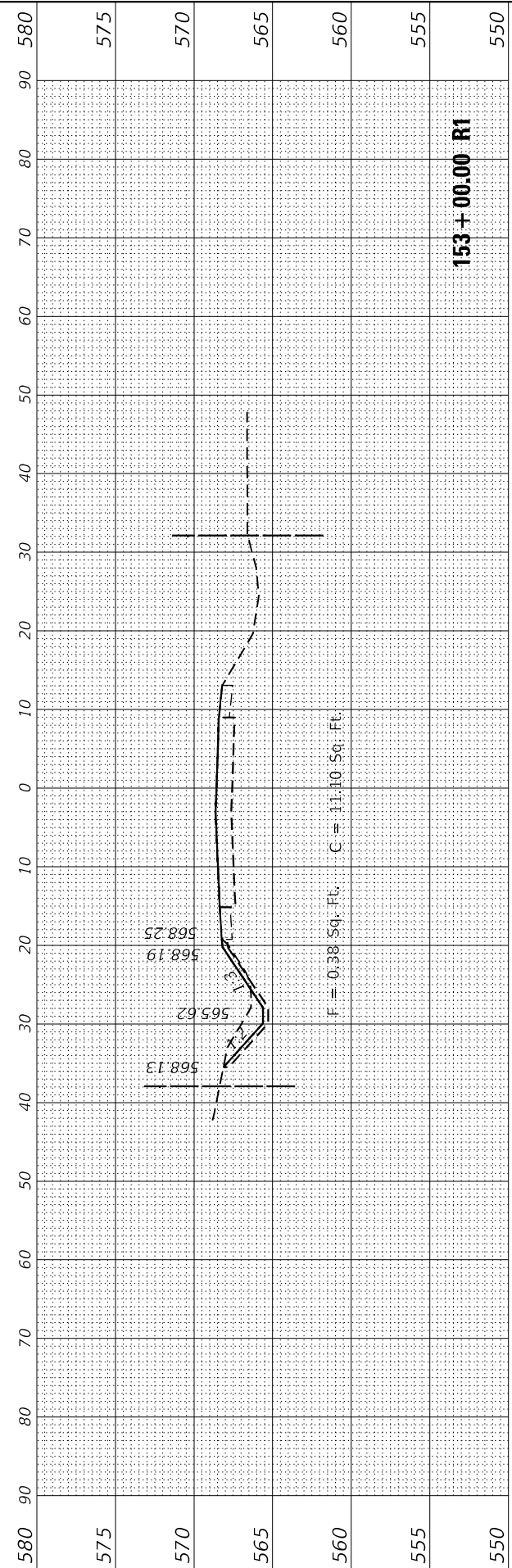
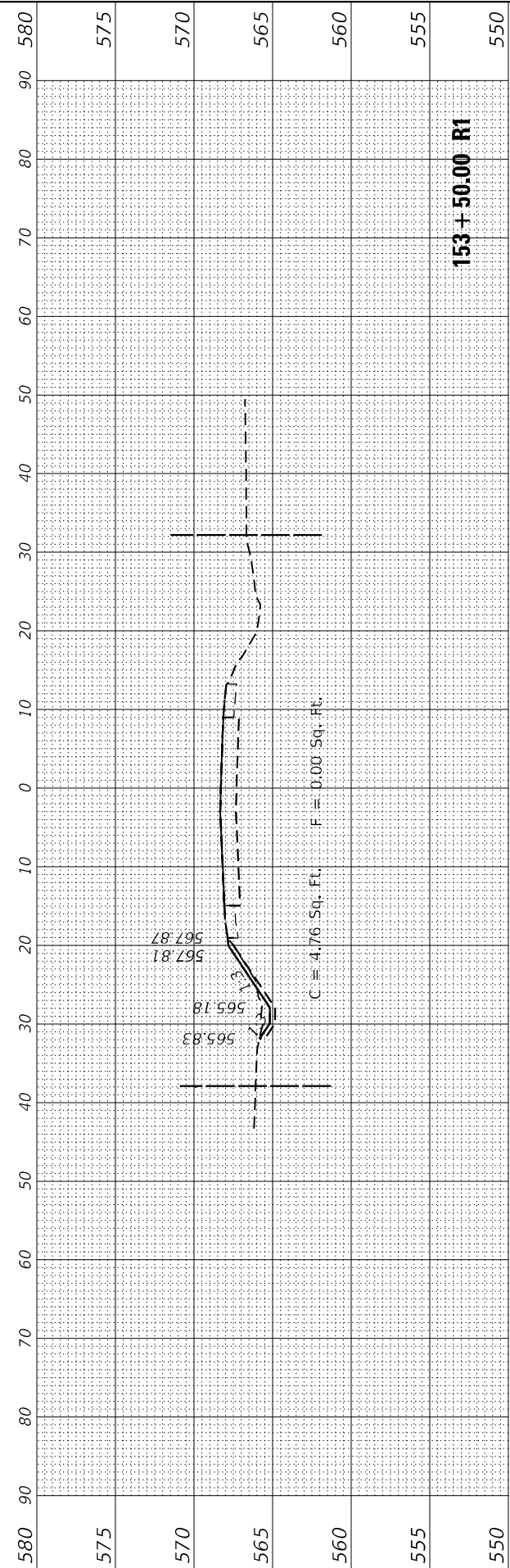
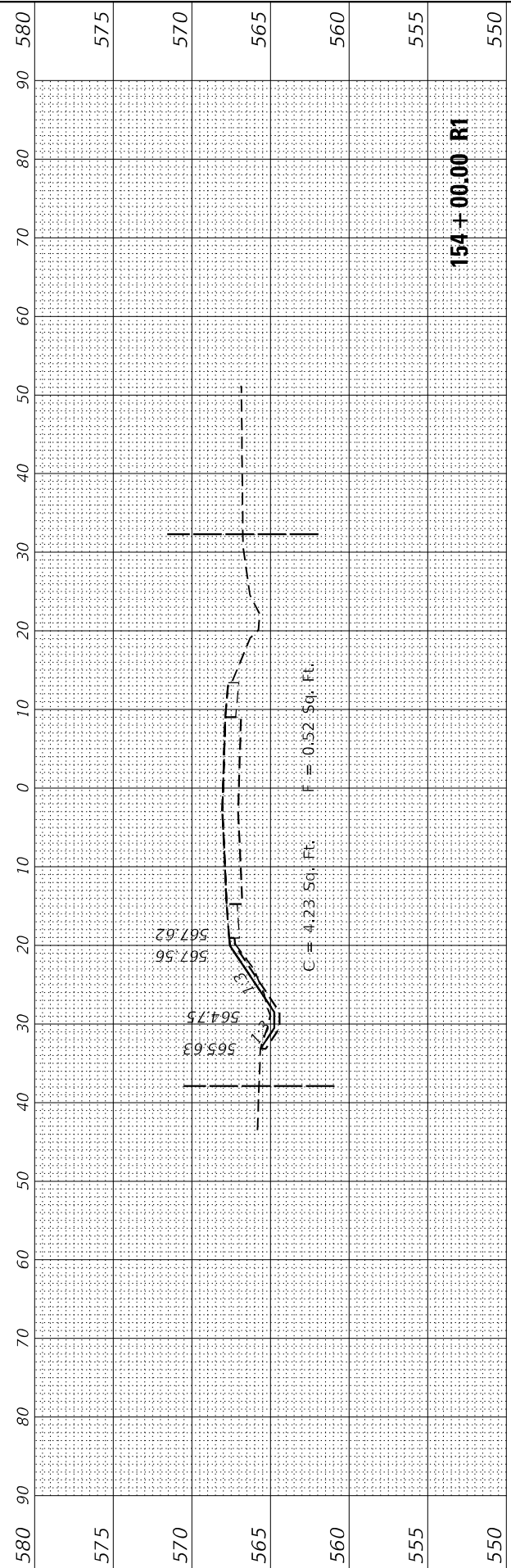
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	DATE - 2/10/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS

SCALE: SHEET 1 OF 10 SHEETS STA. 152+50.00 R1 TO STA. 154+00.00 R1

F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 114
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				



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

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

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FILE NAME: \$FILES\$



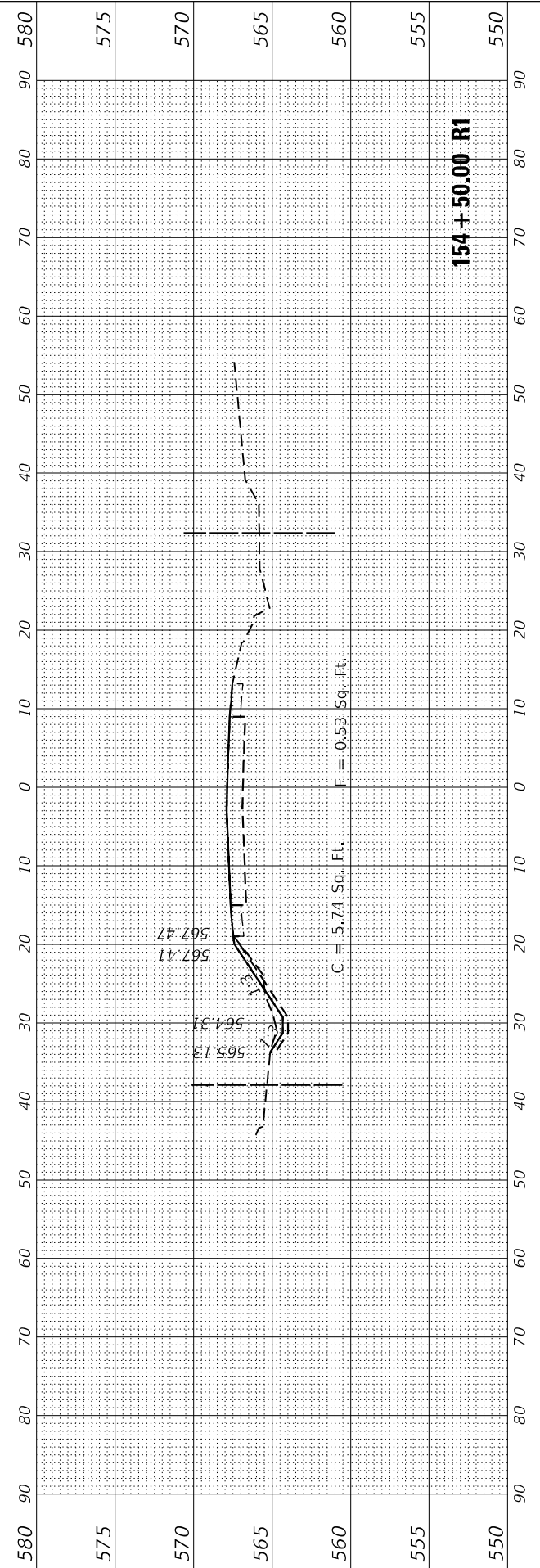
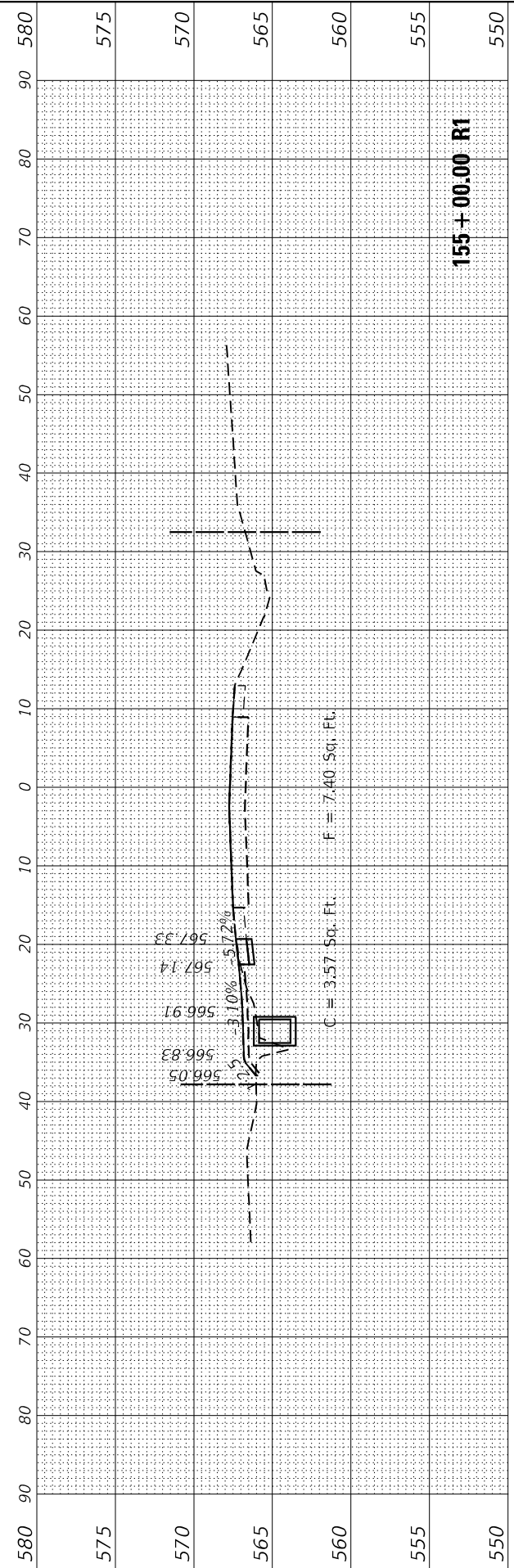
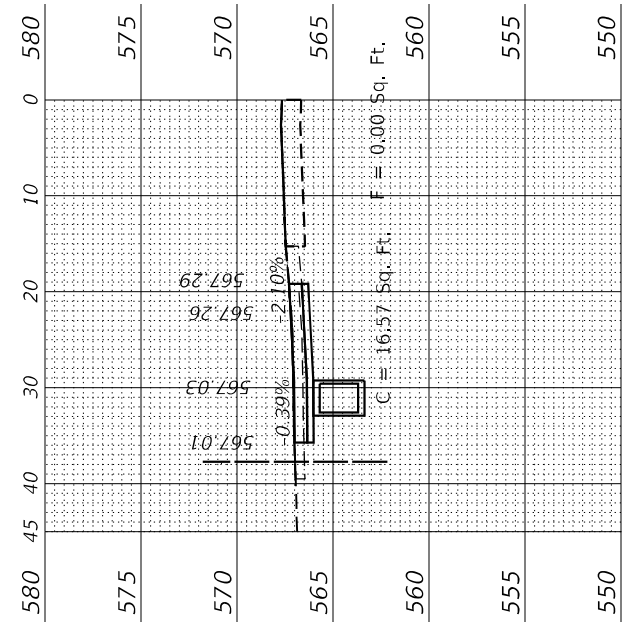
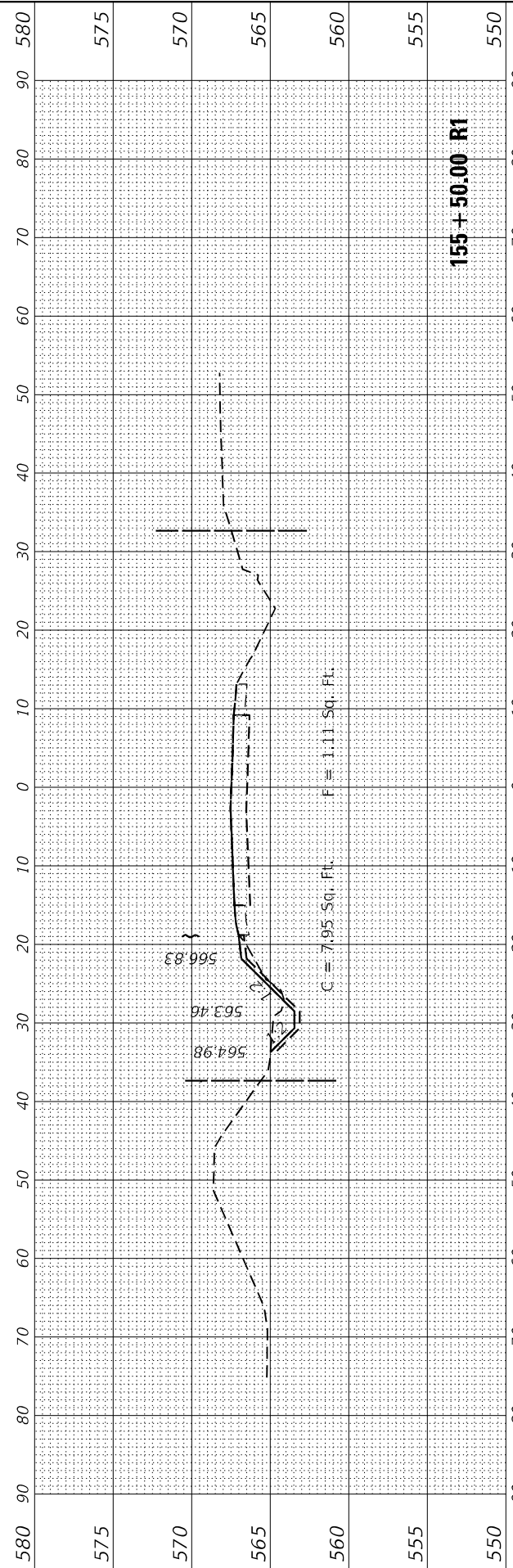
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PLOT DATE = \$DATE\$	DATE - 2/10/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS

SCALE: SHEET 2 OF 10 SHEETS STA. 154+50.00 R1 TO STA. 155+50.00 R1

F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 115
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



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

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

MODEL: \$MODELNAME\$
FILE NAME: \$FILES\$



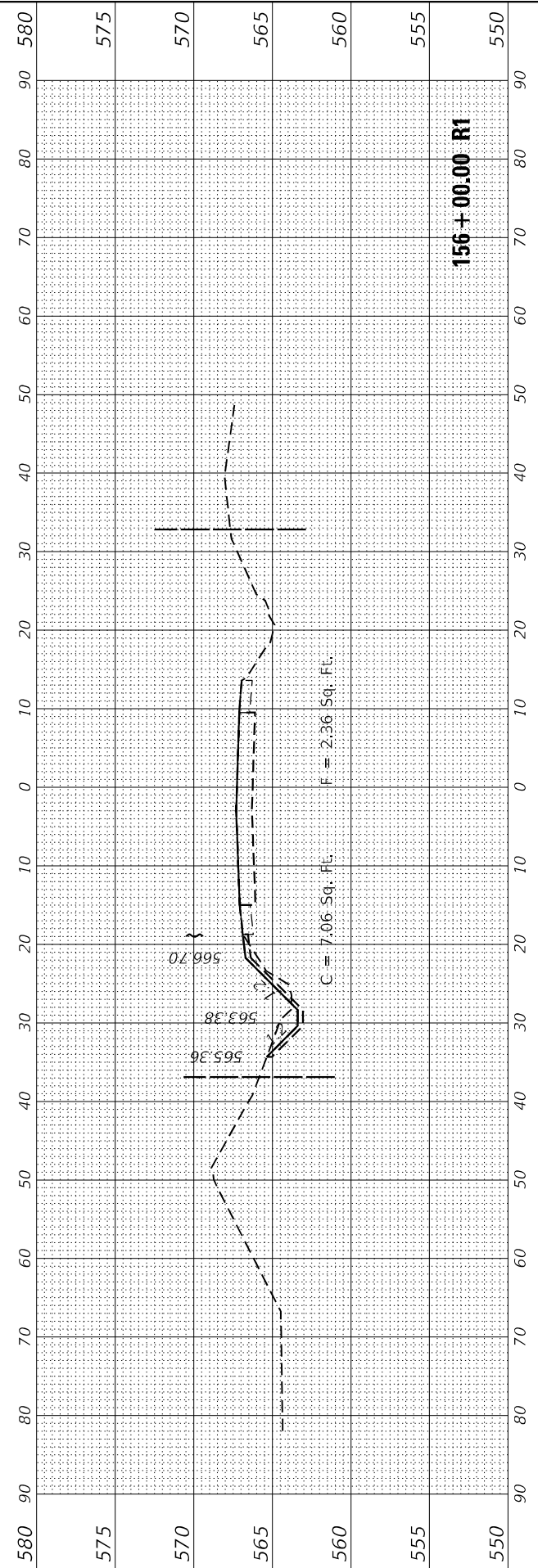
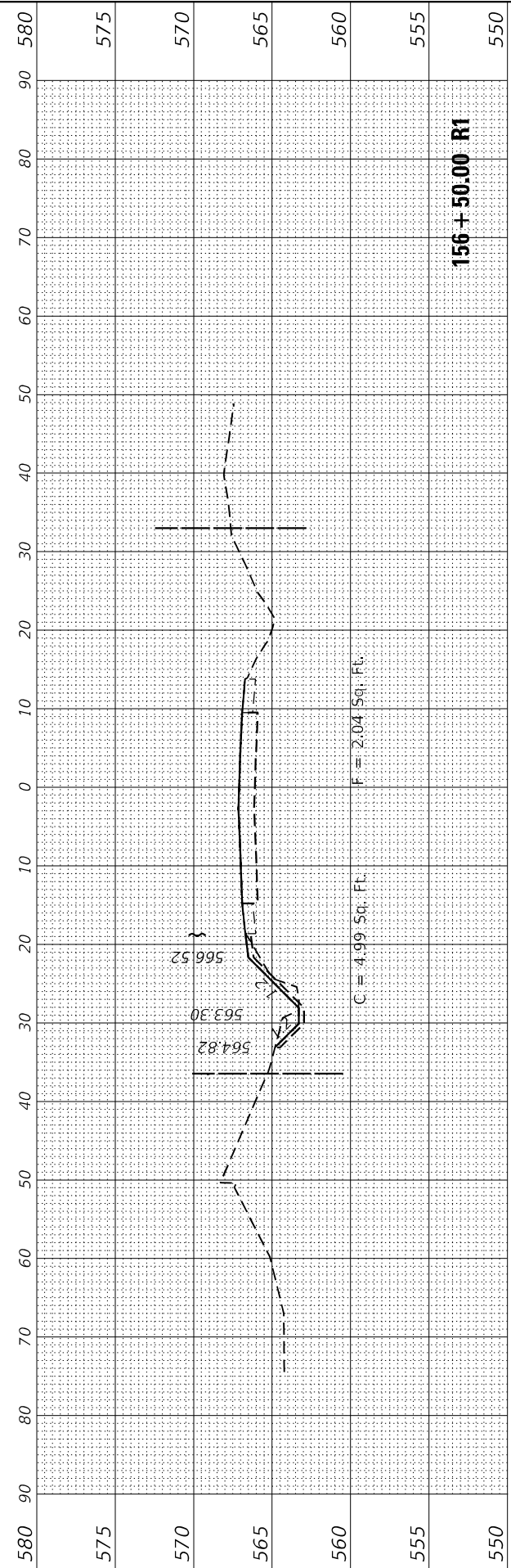
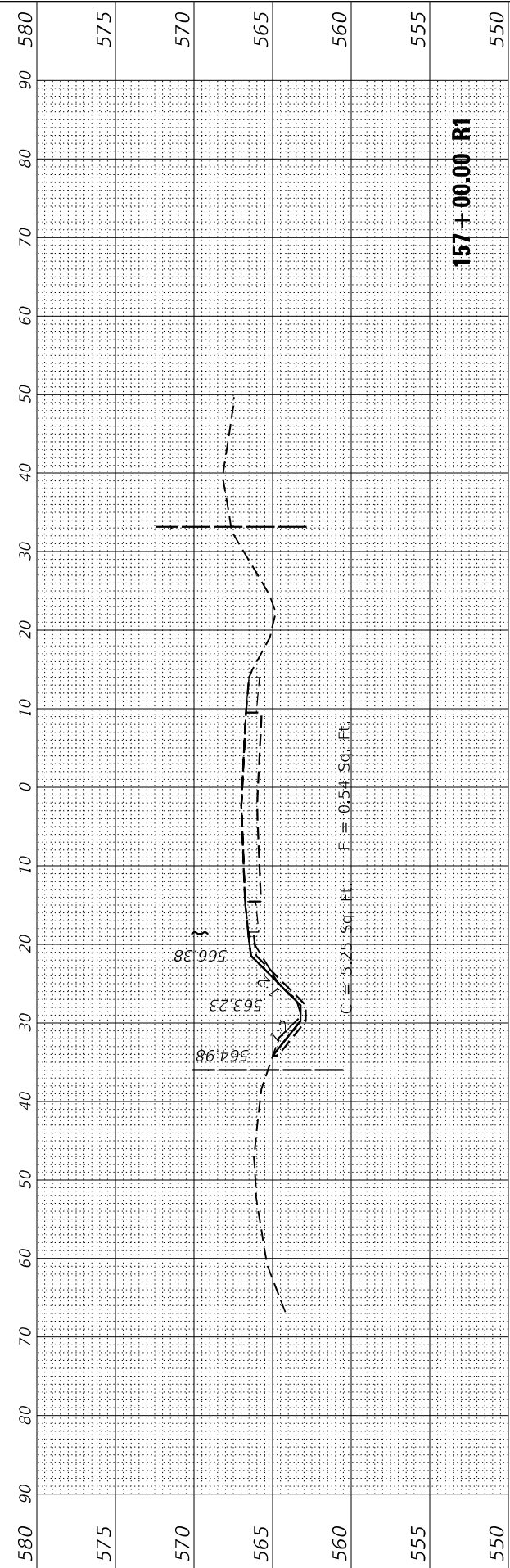
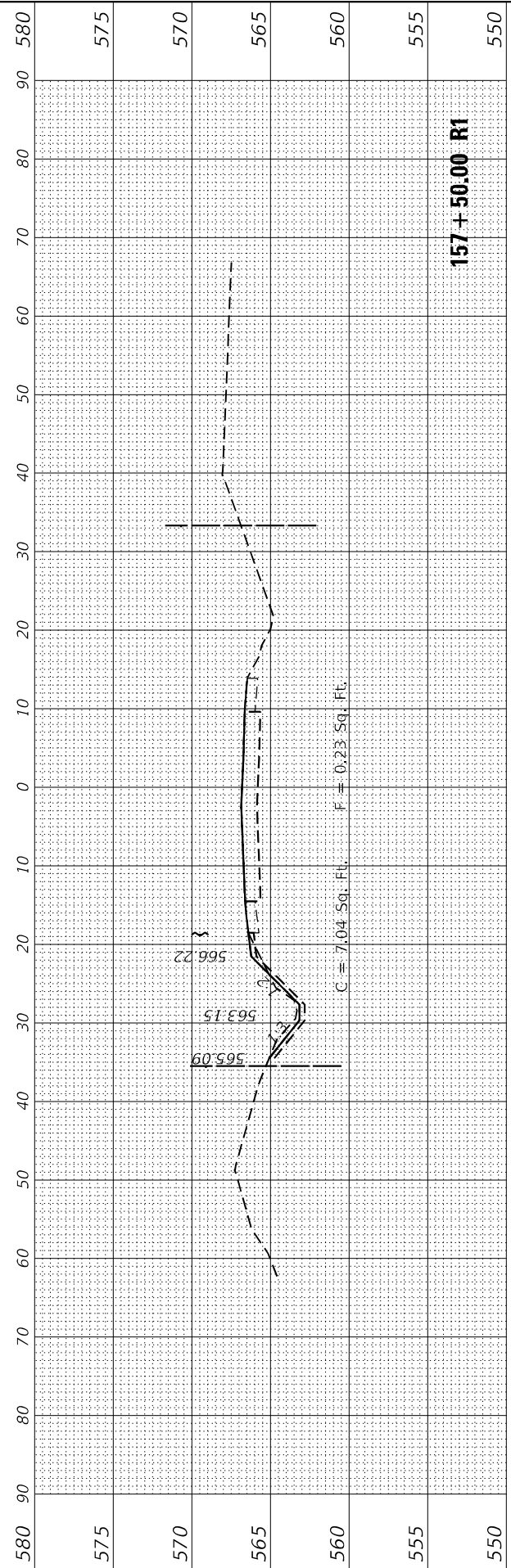
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PLOT DATE = \$DATE\$	DATE - 2/10/2023	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS**

SCALE: SHEET 3 OF 10 SHEETS STA. 156+00.00 R1 TO STA. 157+50.00 R1

F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 116
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



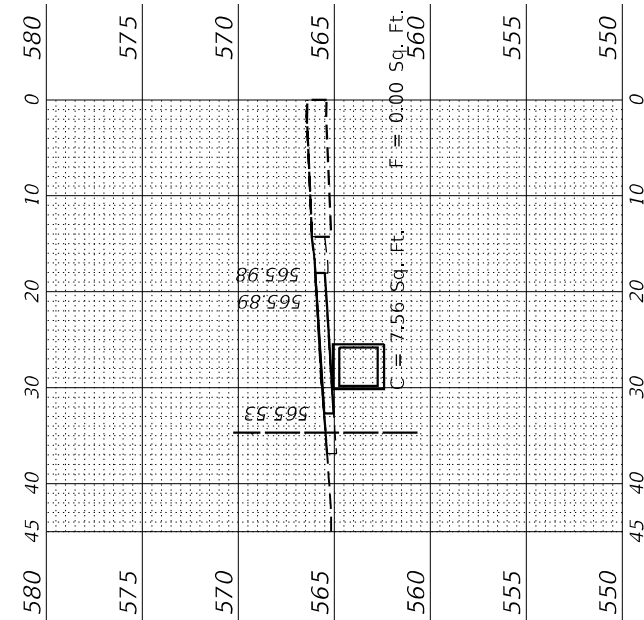
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

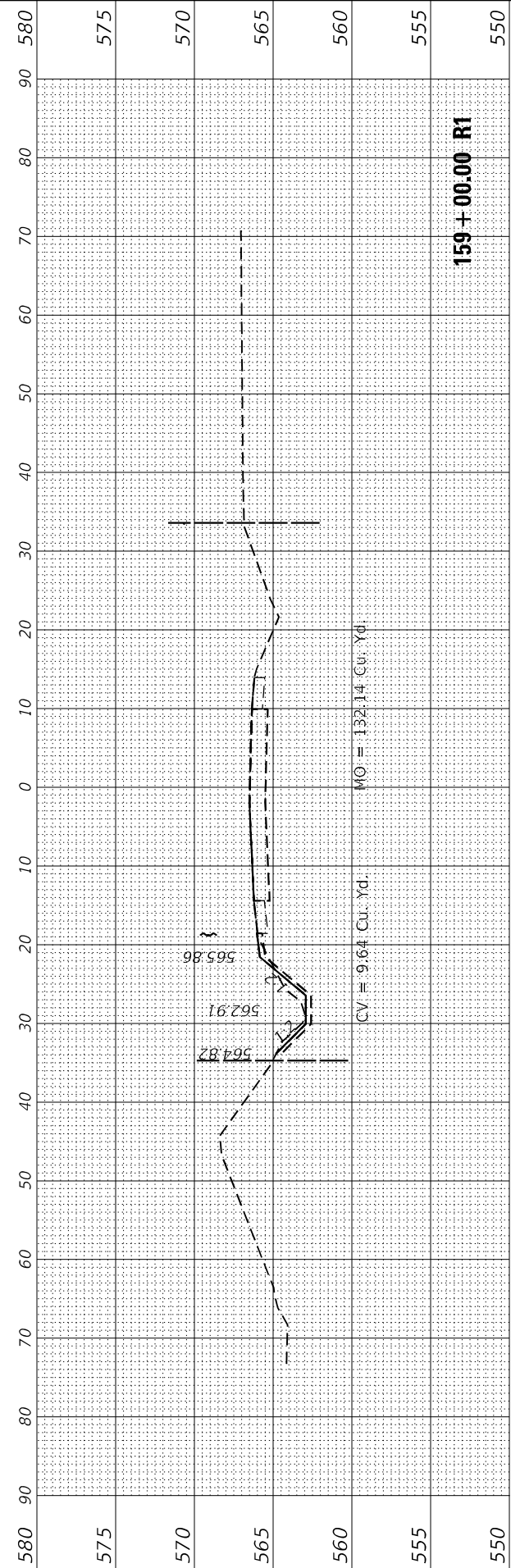
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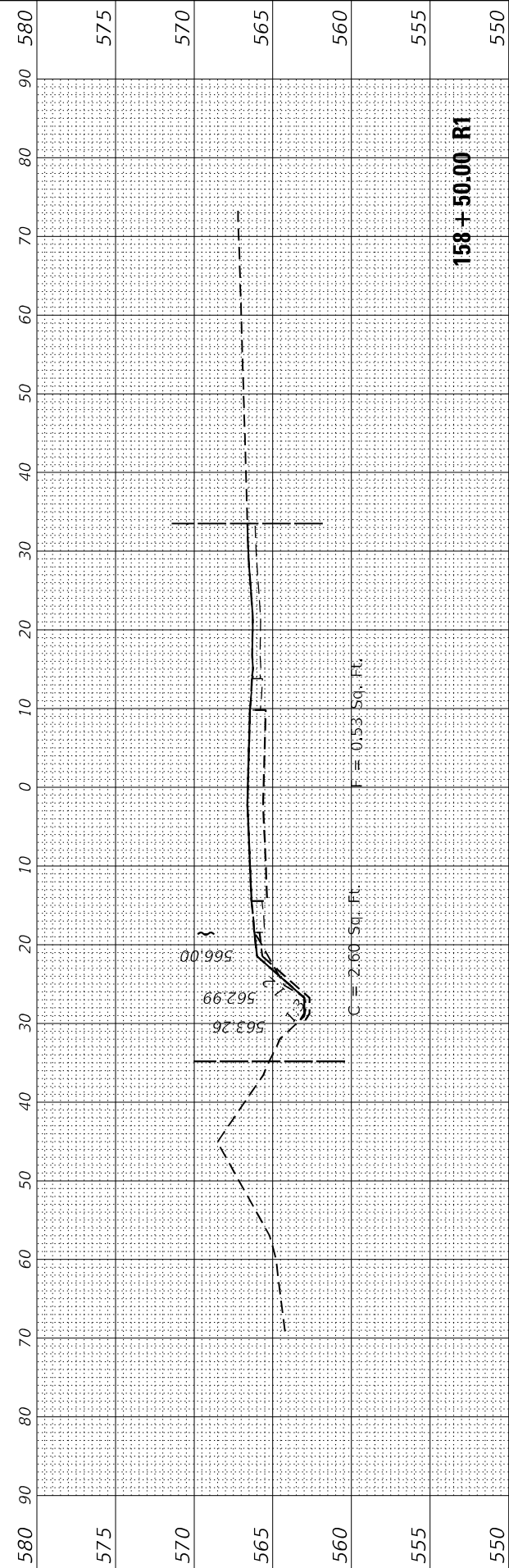
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	DATE - 2/10/2023	REVISED -



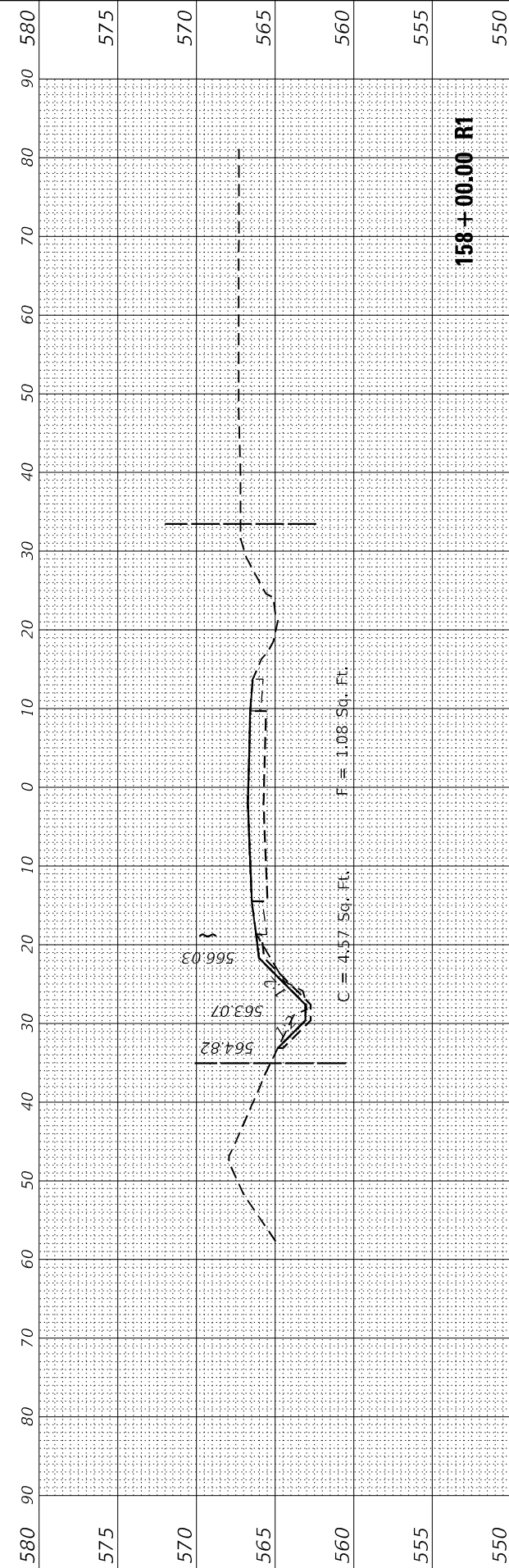
159 + 30.90 R1



159 + 00.00 R1



158 + 50.00 R1



158 + 00.00 R1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS

SCALE: SHEET 4 OF 10 SHEETS STA. 158+00.00 R1 TO STA. 159+30.90 R1

F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 117
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	

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

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

MODEL: \$MODELNAME\$
FILE NAME: \$FILES\$



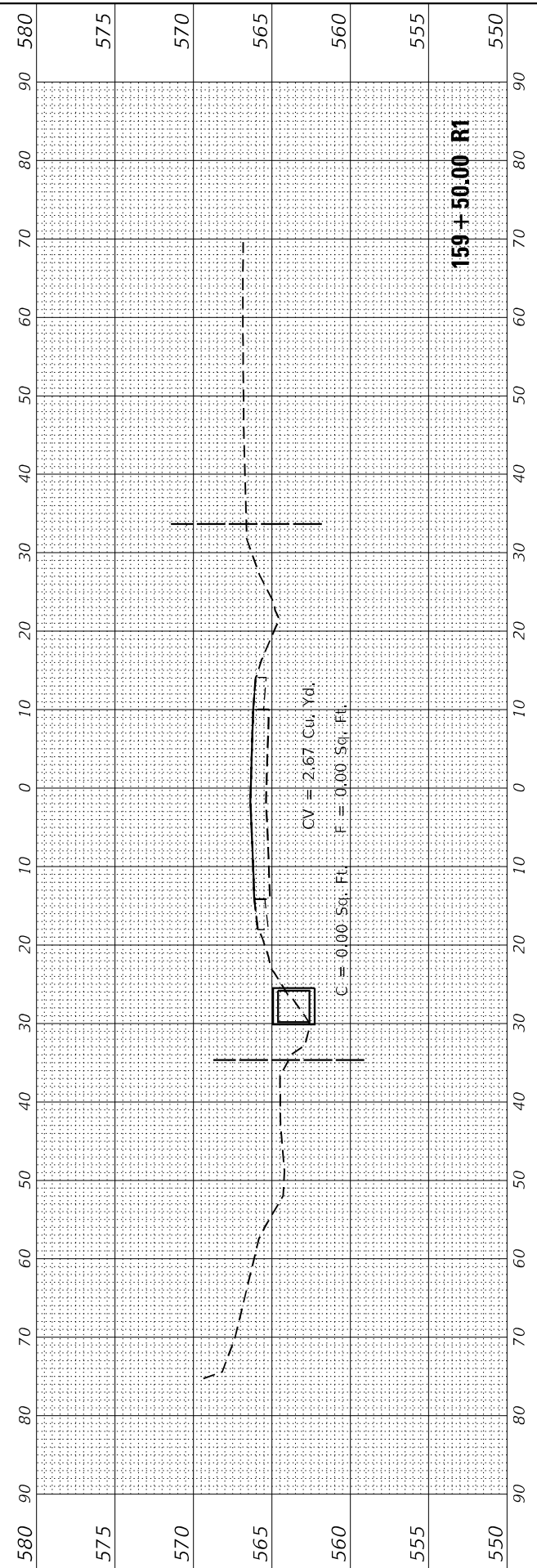
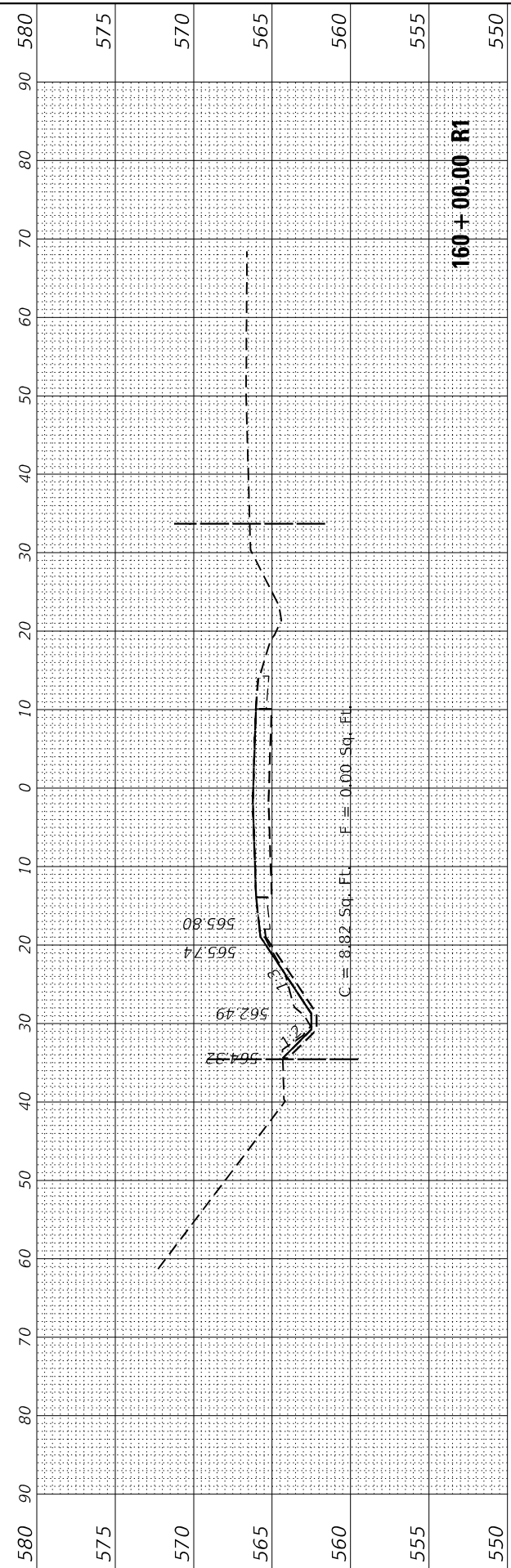
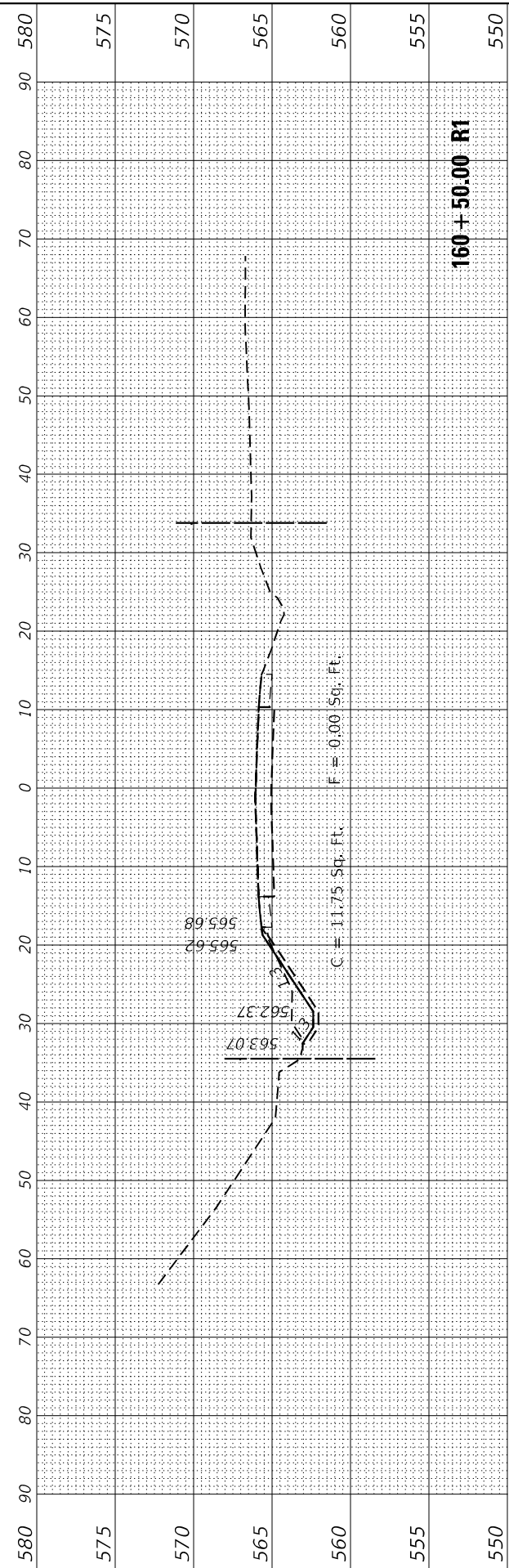
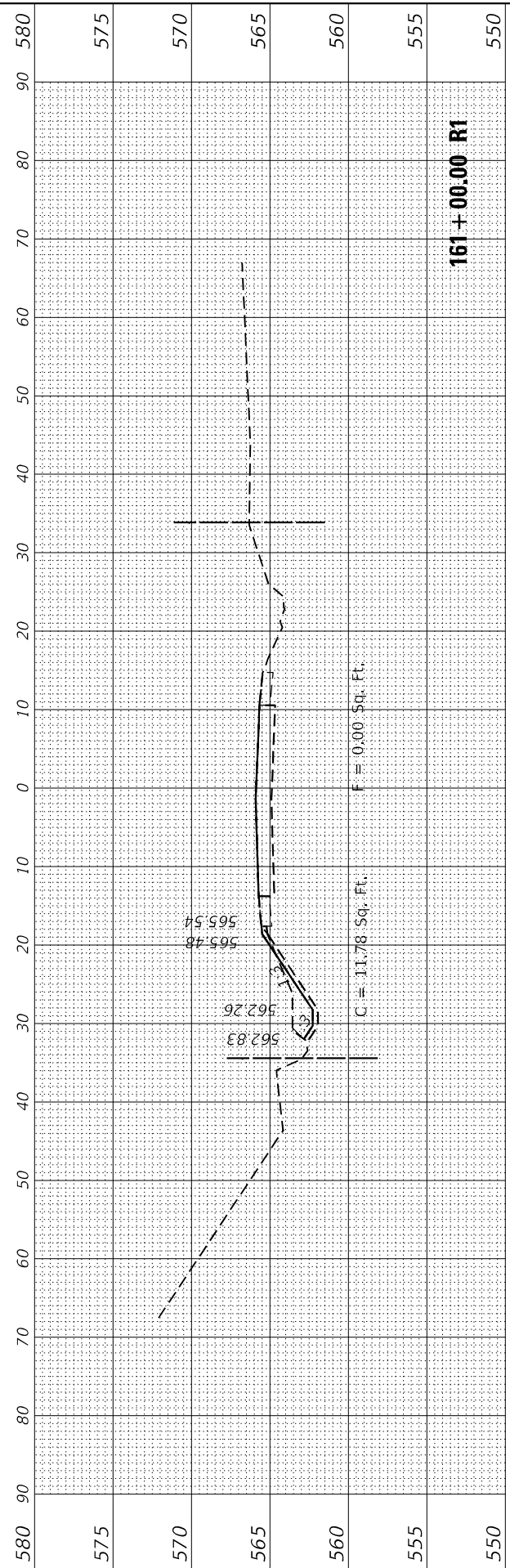
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	DATE - 2/10/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS

SCALE: SHEET 5 OF 10 SHEETS STA. 159+50.00 R1 TO STA. 161+00.00 R1

F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 118
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



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

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

MODEL: \$MODELNAME\$
FILE NAME: \$FILES\$



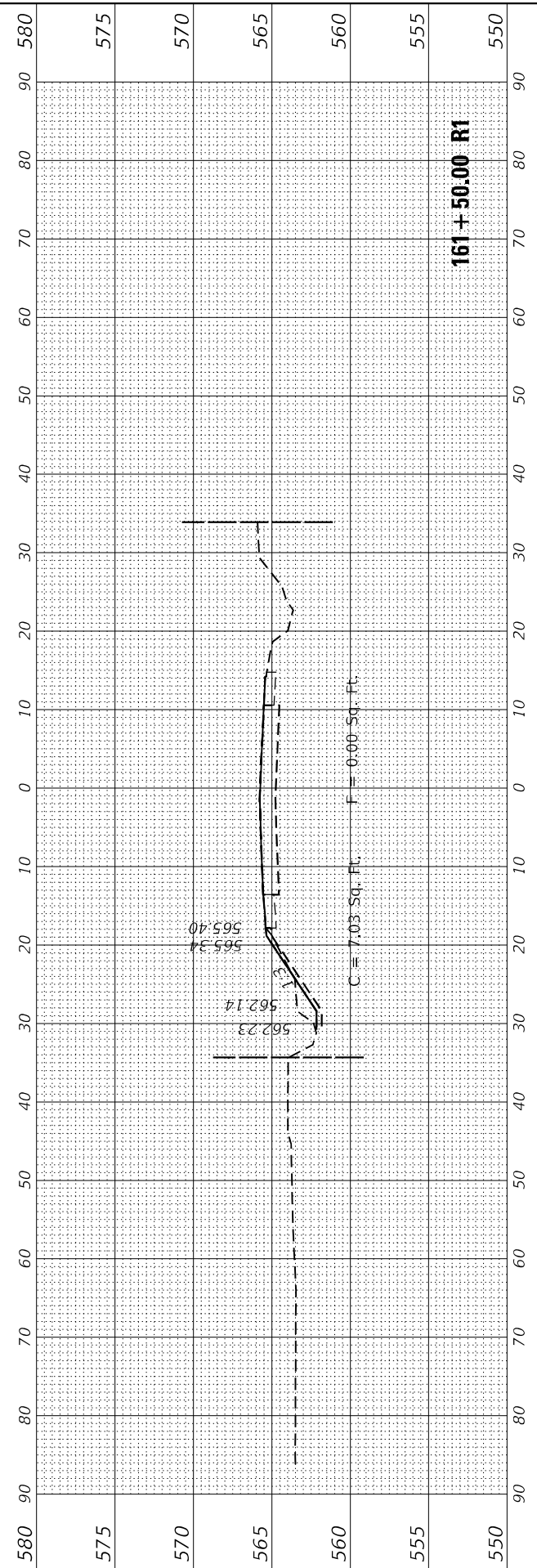
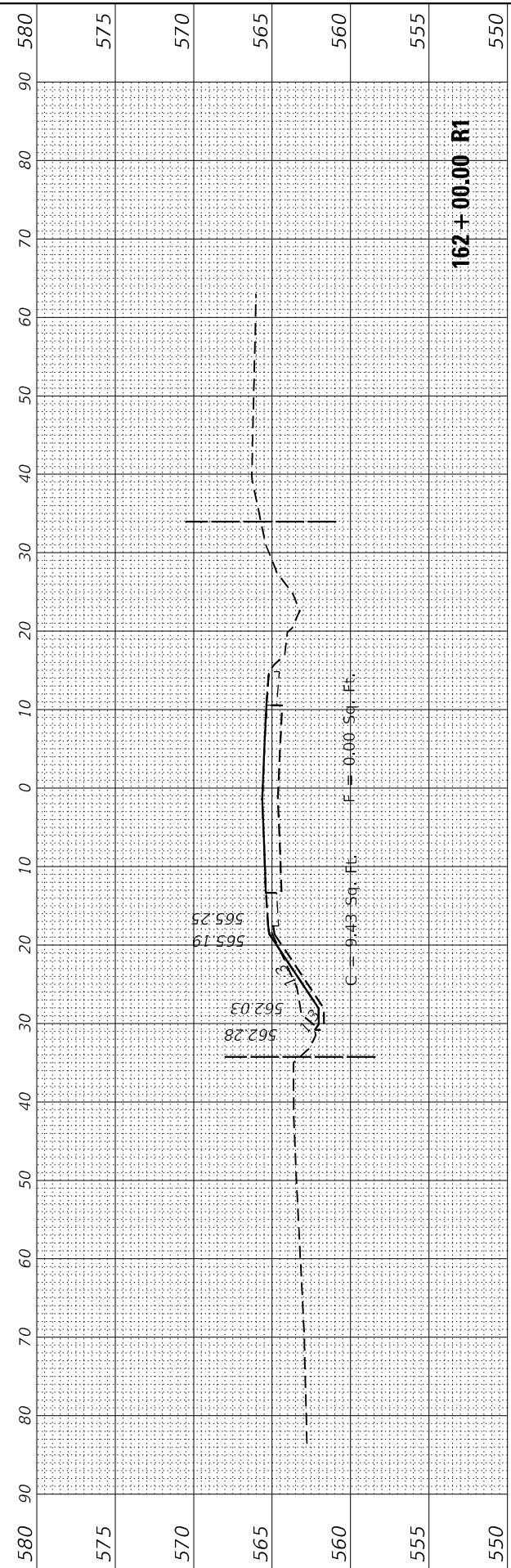
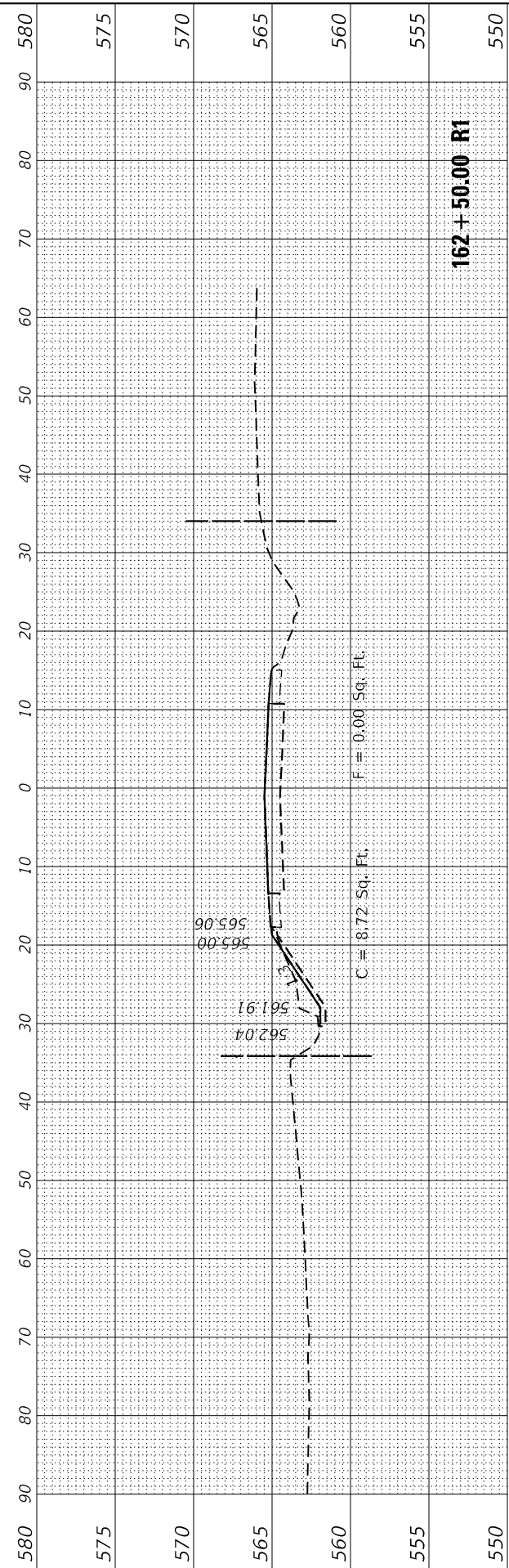
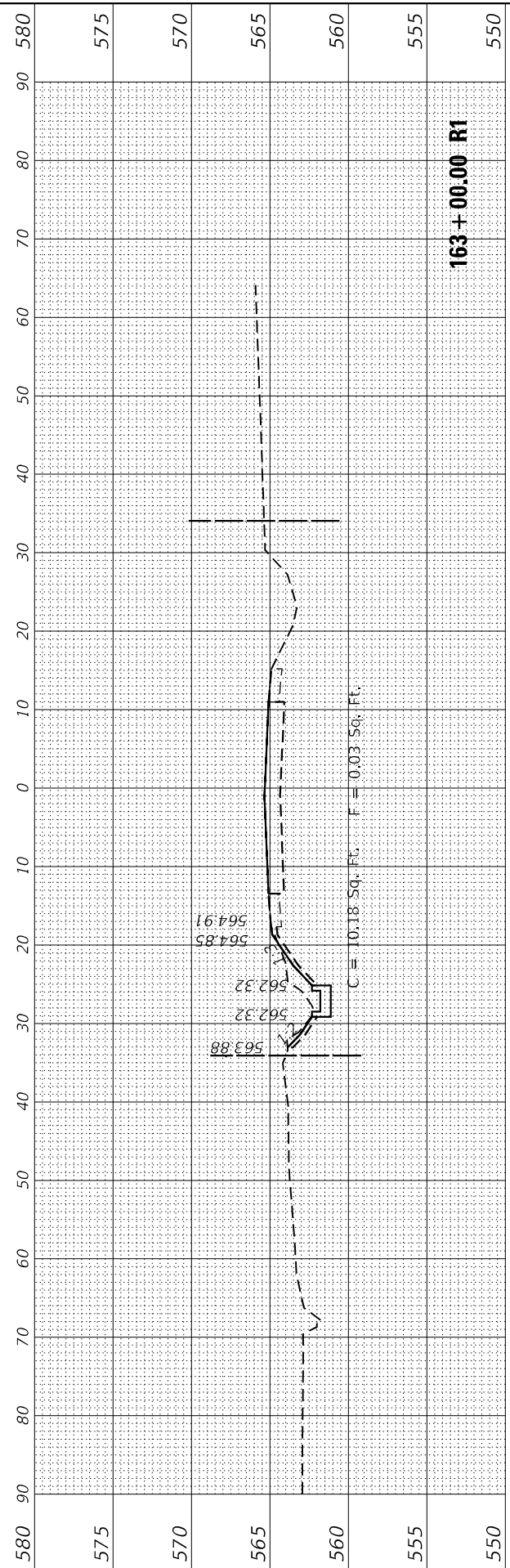
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS

SCALE: SHEET 6 OF 10 SHEETS STA. 161+50.00 R1 TO STA. 163+00.00 R1

F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 119
CONTRACT NO. 62N86			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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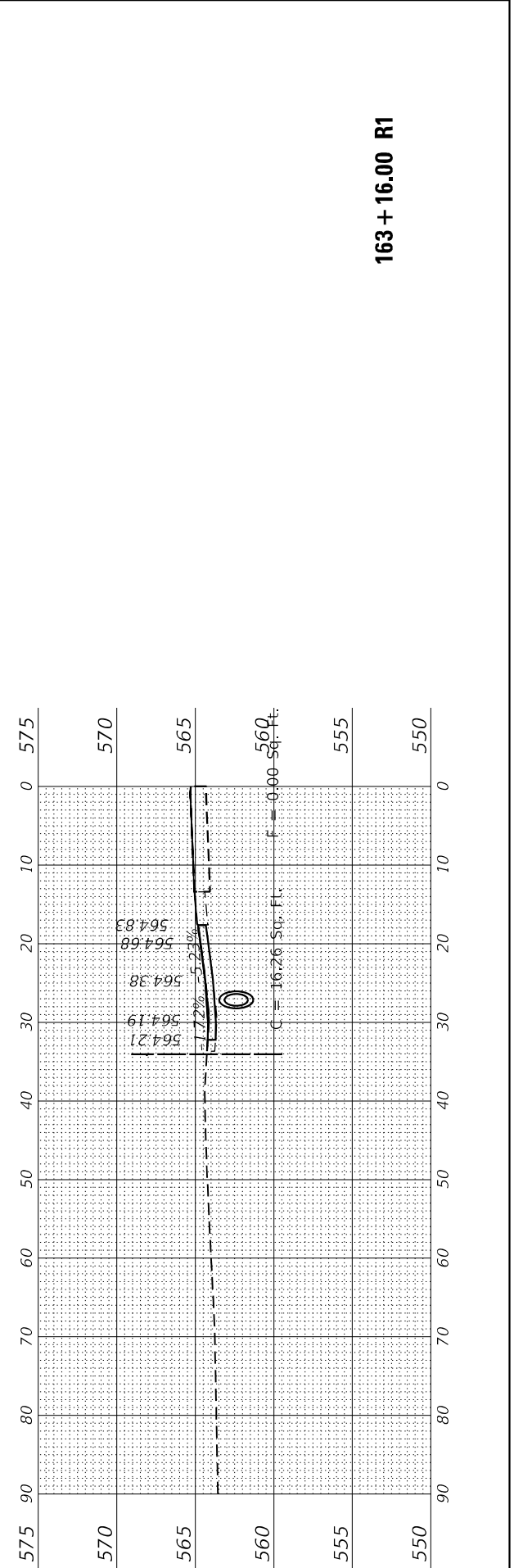
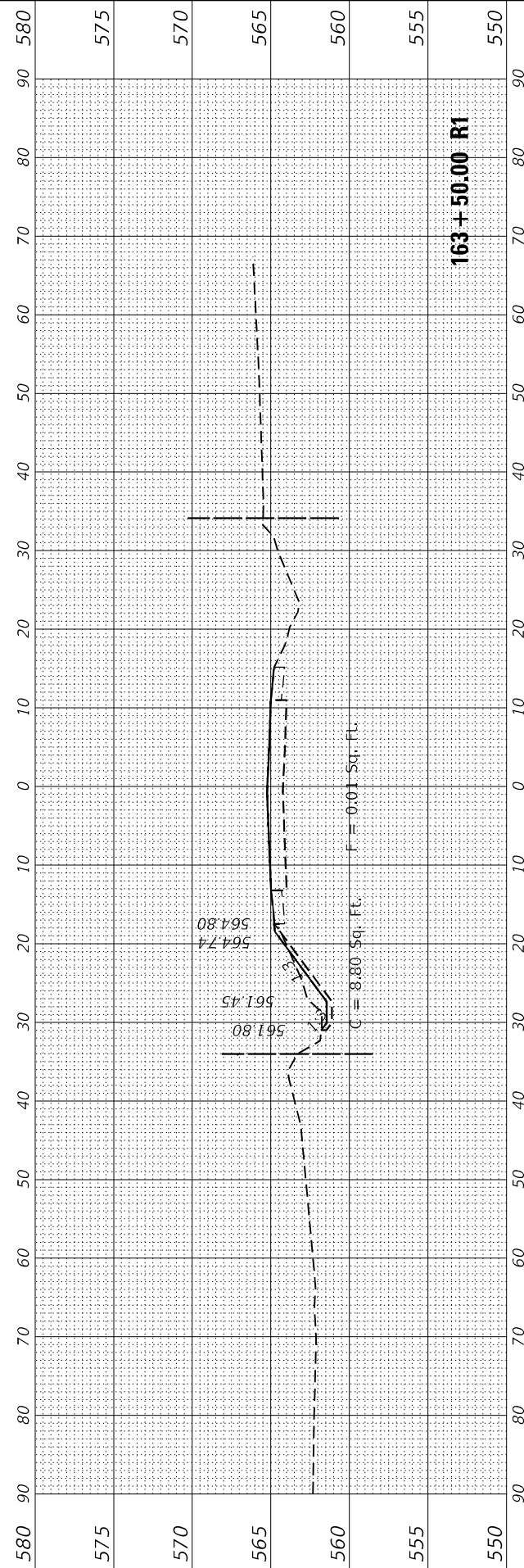
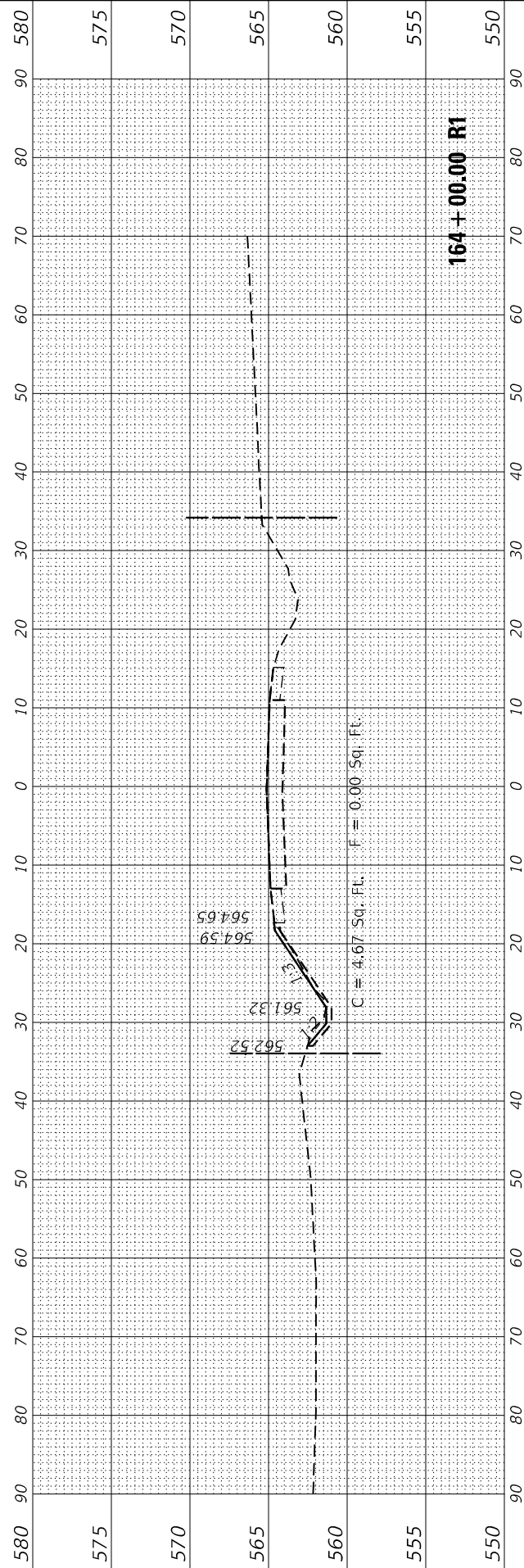
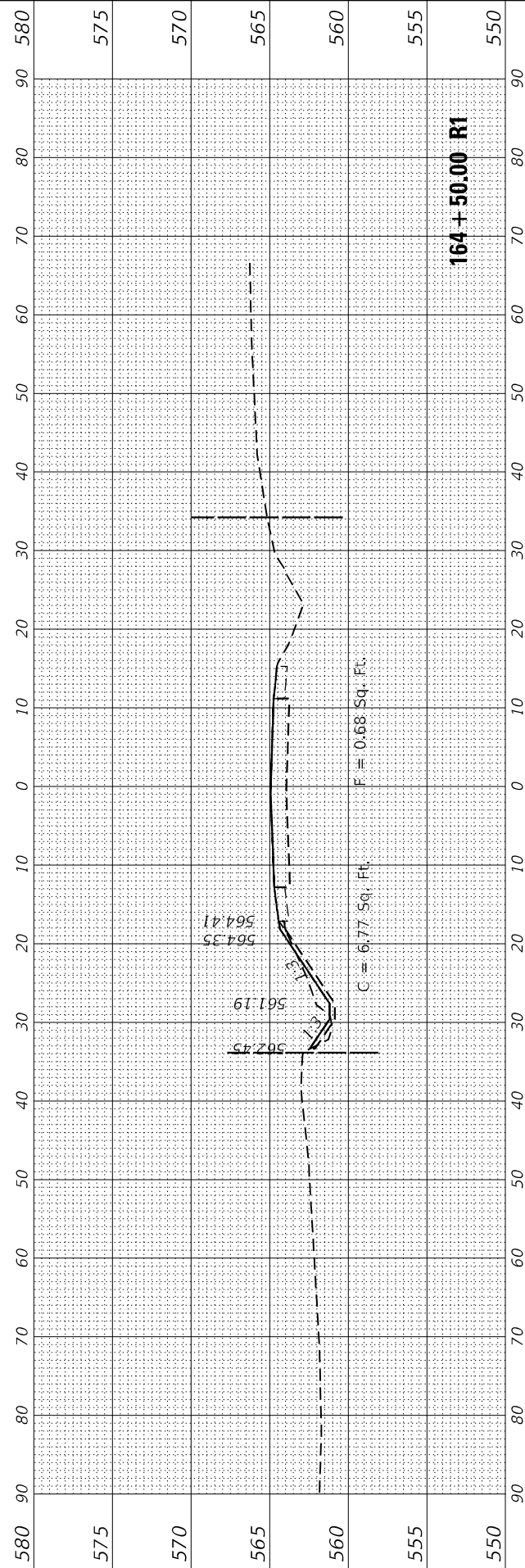
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	DATE - 2/10/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS

SCALE: SHEET 7 OF 10 SHEETS STA. 163+16.00 R1 TO STA. 164+50.00 R1

F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 120
CONTRACT NO. 62N86			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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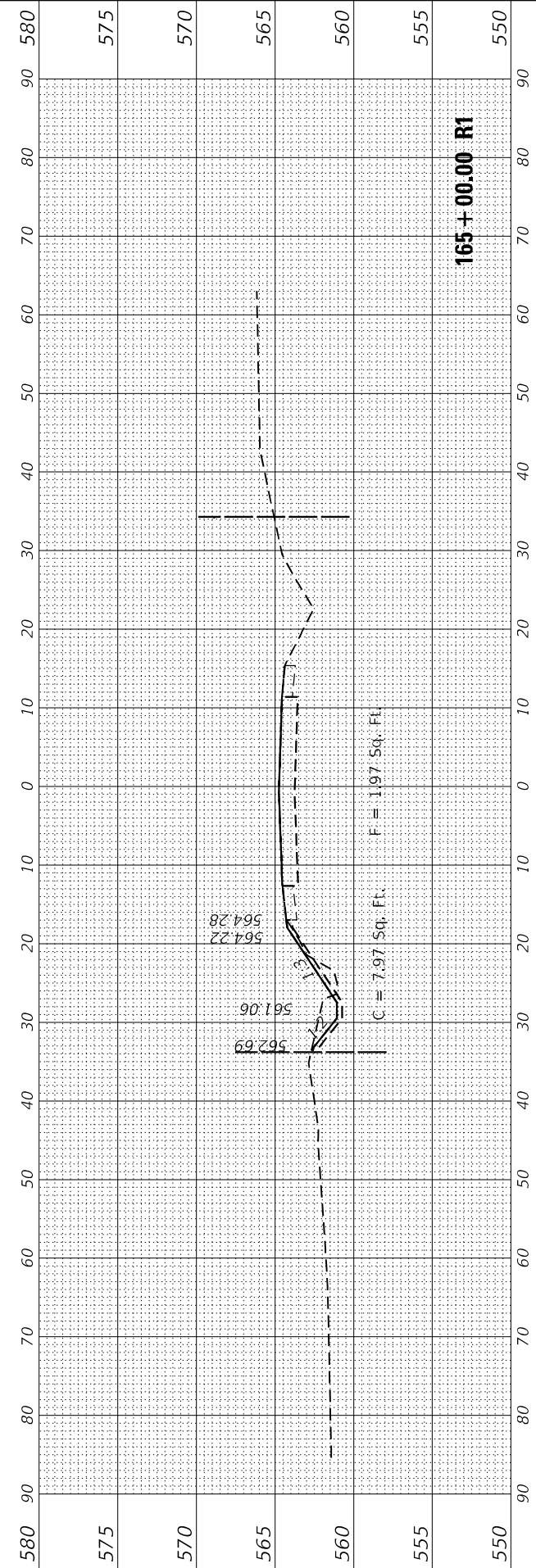
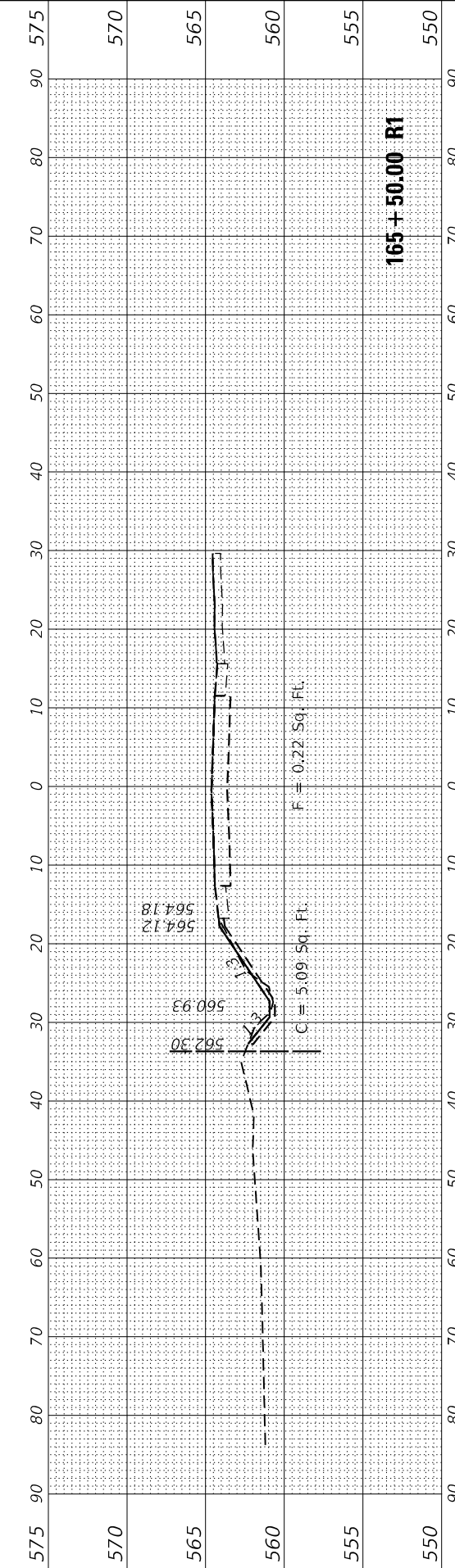
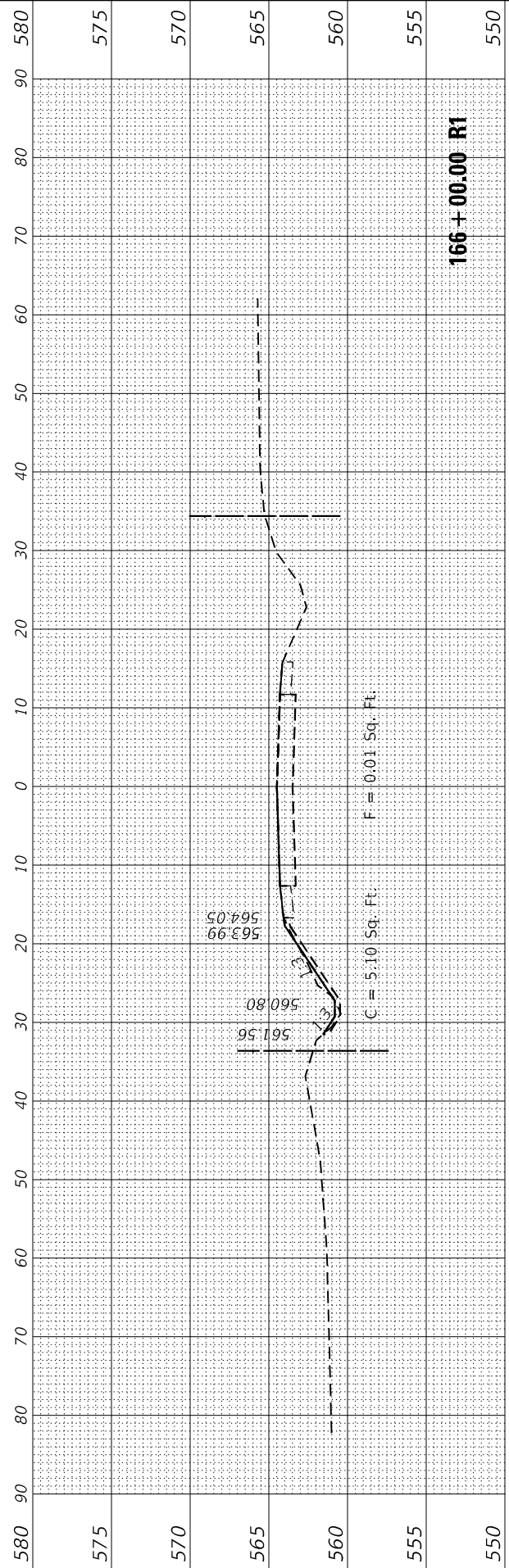
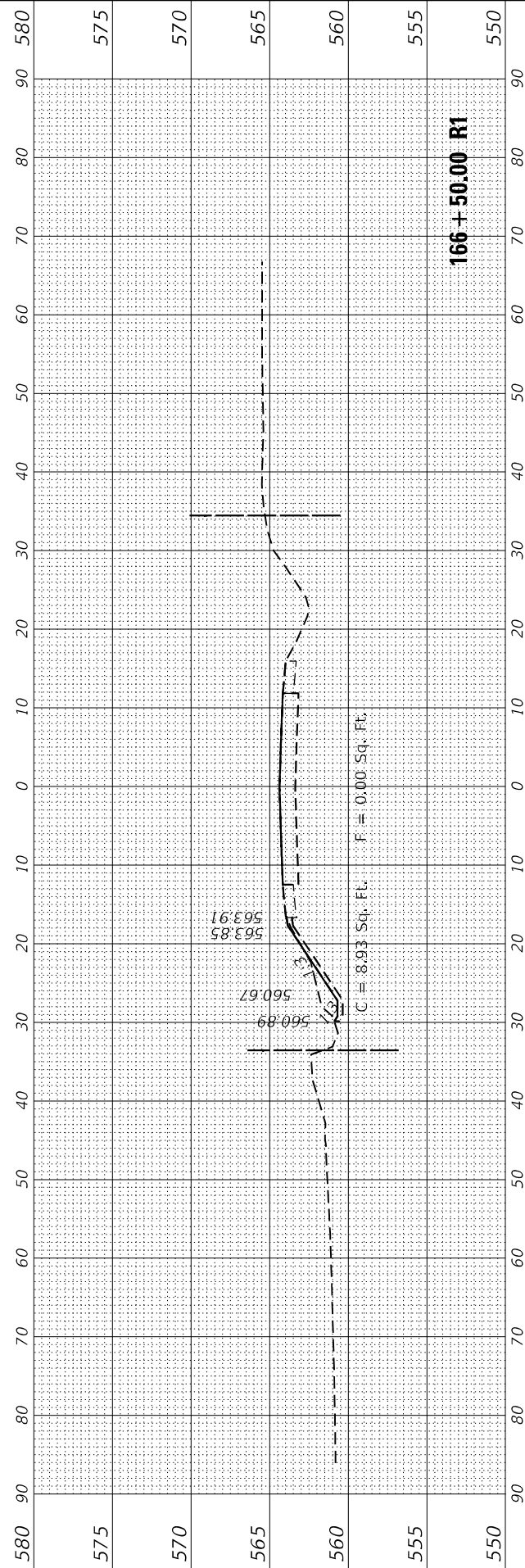
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	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS**

SCALE: SHEET 8 OF 10 SHEETS STA. 165+00.00 R1 TO STA. 166+50.00 R1

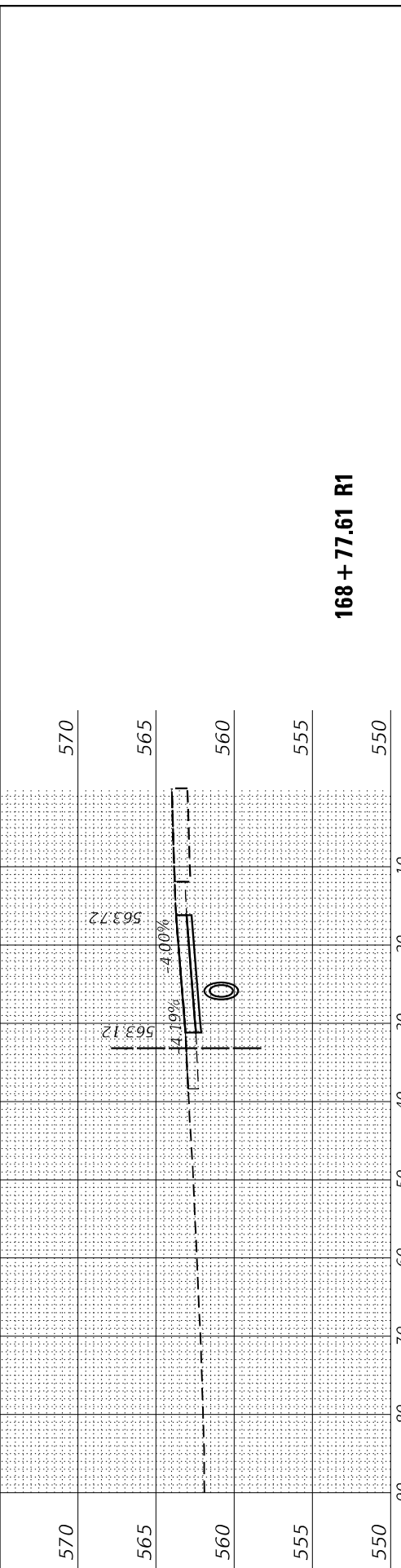
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



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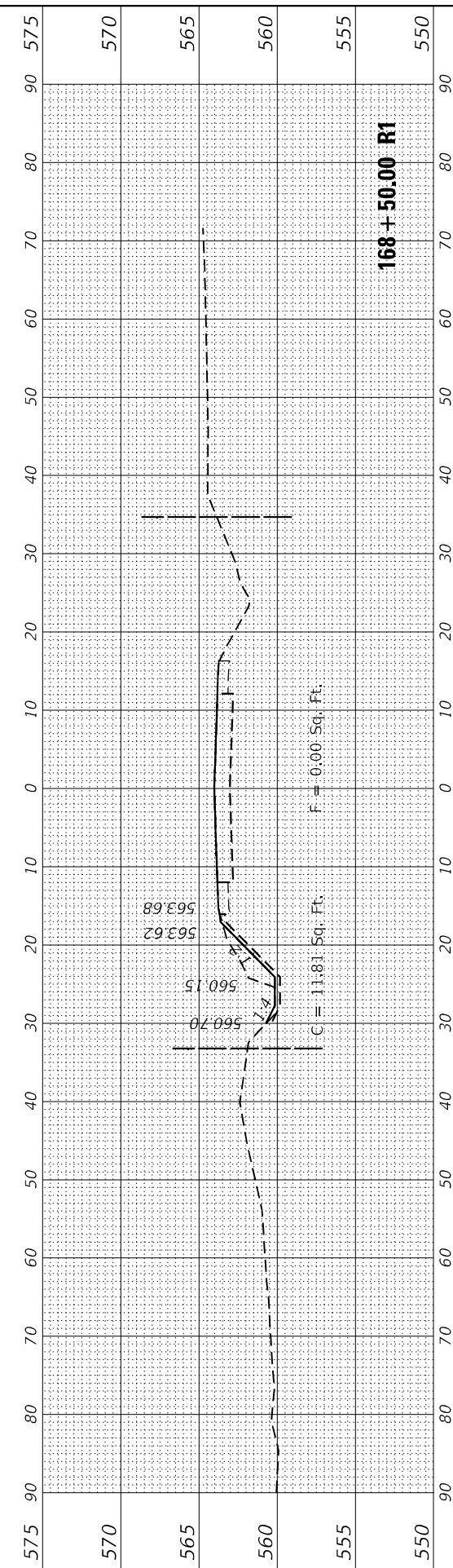
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

MODEL: \$MODEL\$
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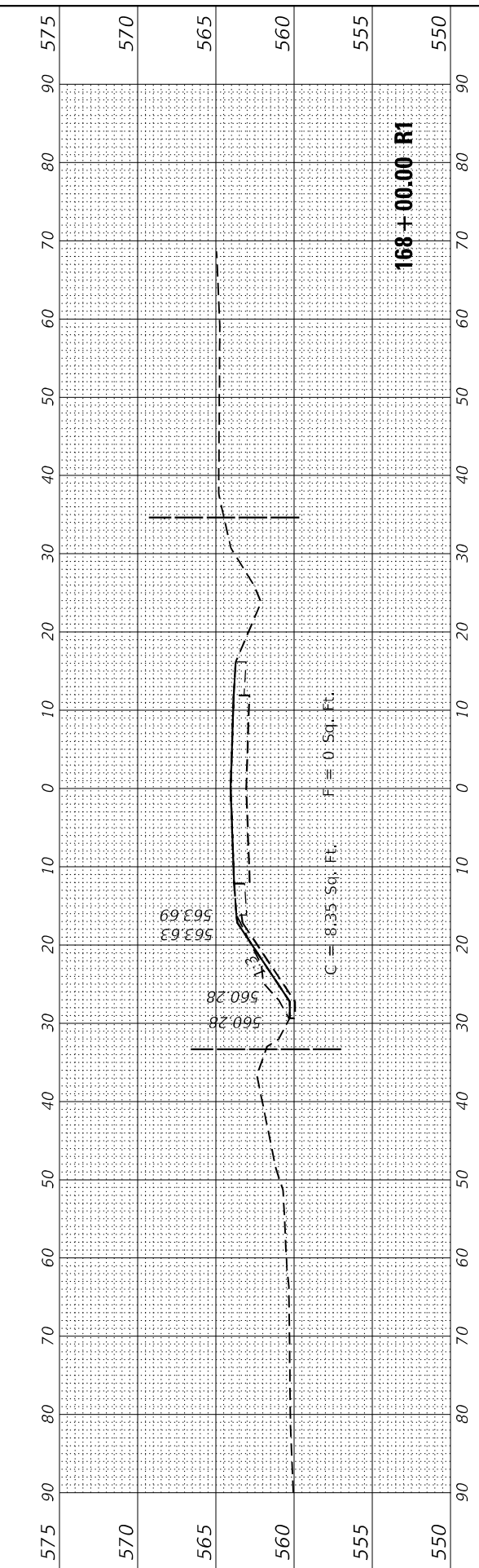


168 + 77.61 R1

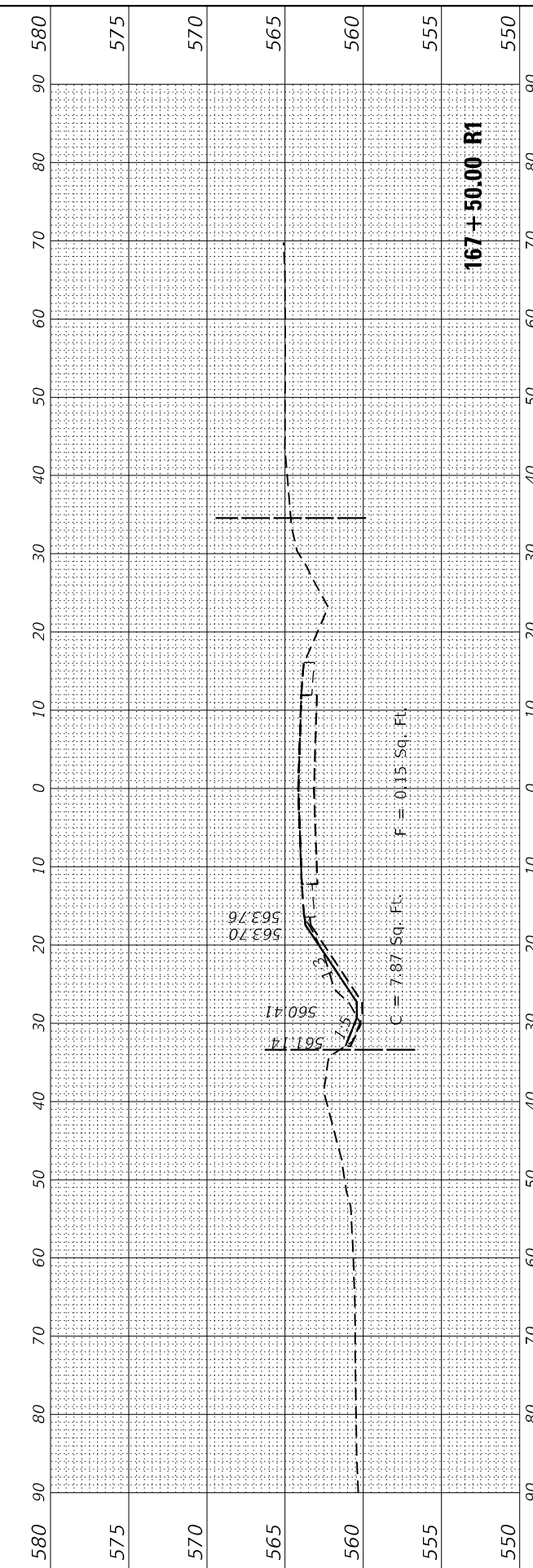
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	DATE - 2/10/2023	REVISED -



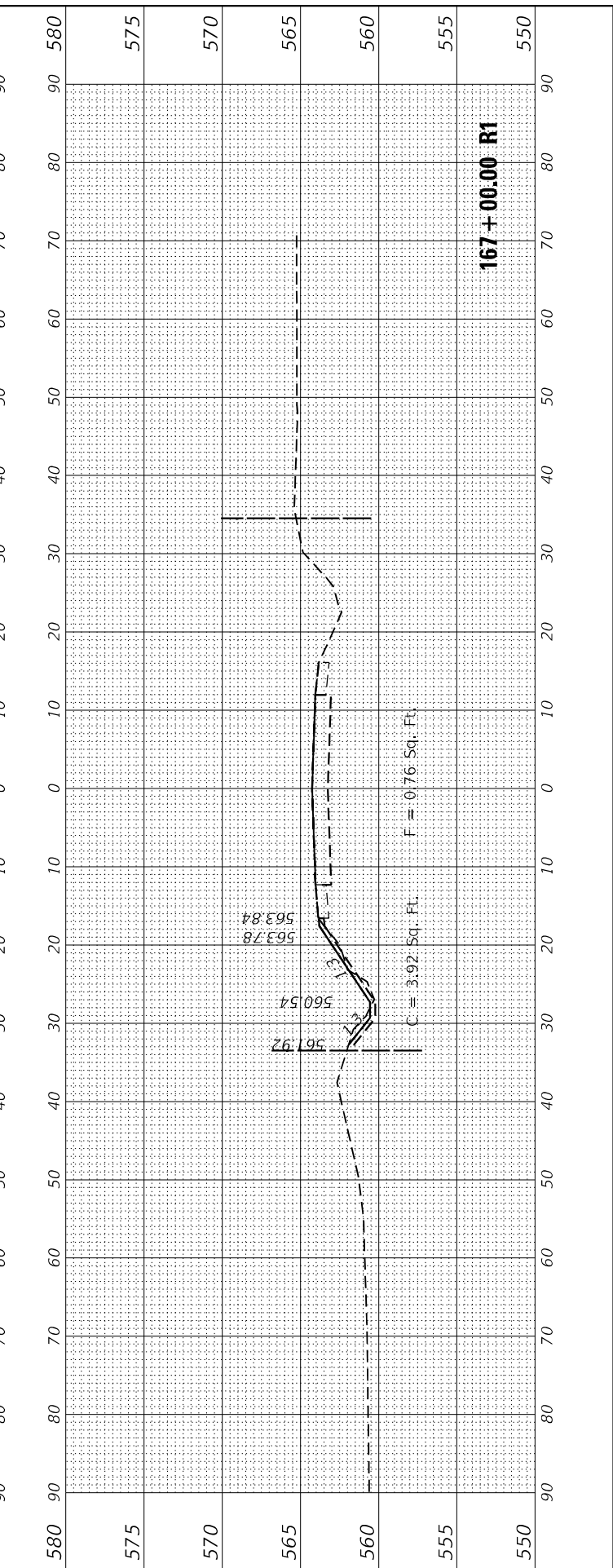
168 + 50.00 R1



168 + 00.00 R1



167 + 50.00 R1



167 + 00.00 R1

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS**

SCALE: SHEET 9 OF 10 SHEETS STA. 167+00.00 R1 TO STA. 168+77.61 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
299	2021-055-DR	WILL	125	122
CONTRACT NO. 62N86				

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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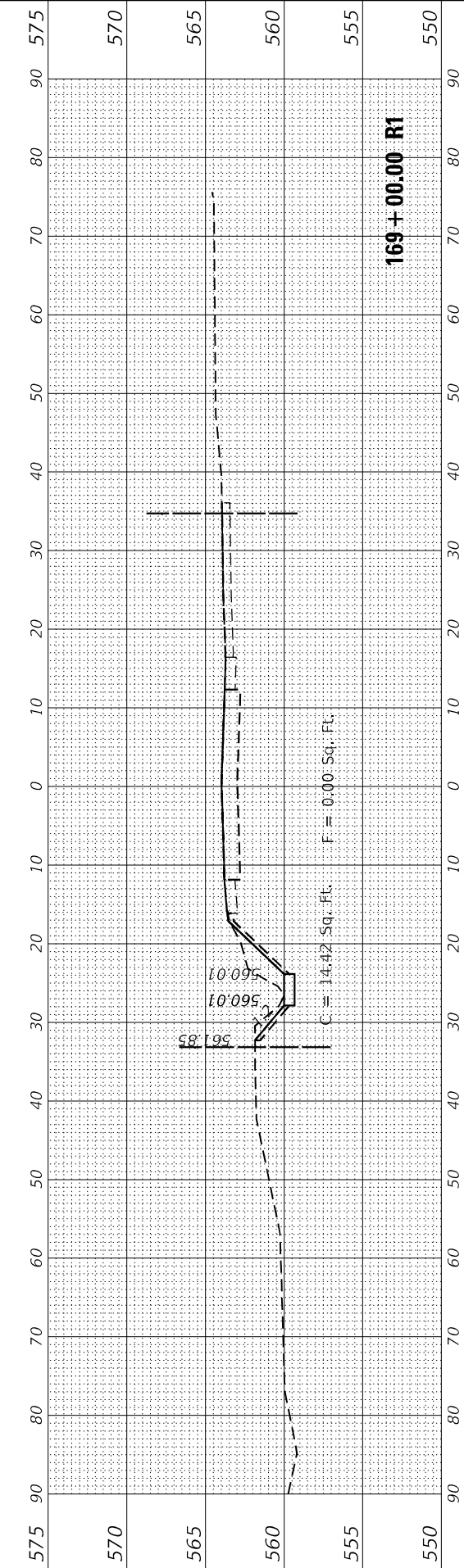
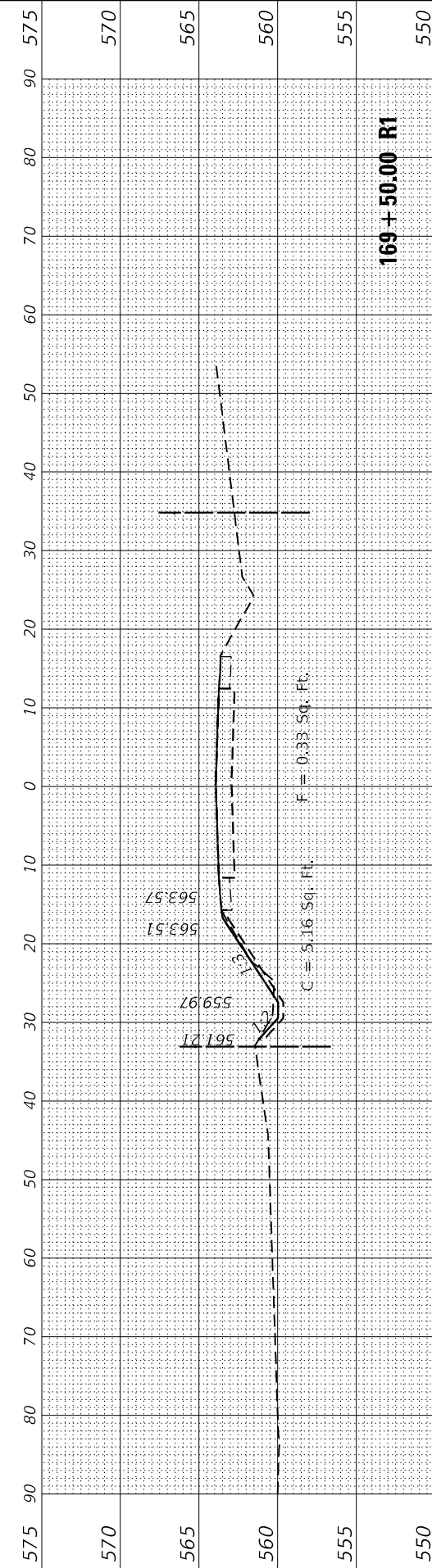
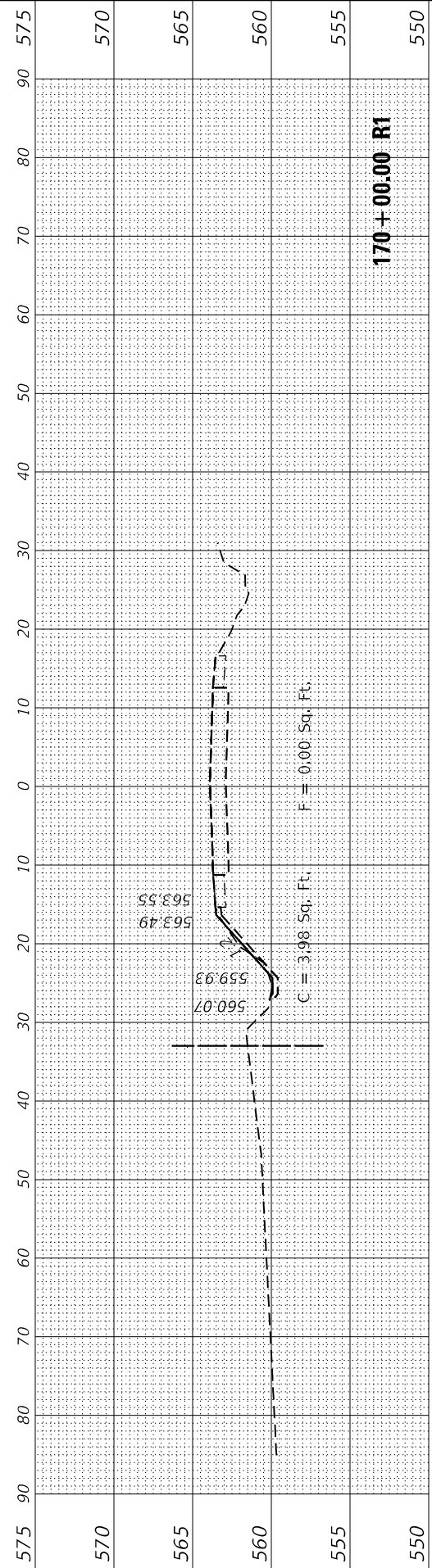
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	DATE - 2/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 113 WEST OF WEST RIVER ROAD
CROSS SECTIONS**

SCALE: SHEET 10 OF 10 SHEETS STA. 169+00.00 R1 TO STA. 170+00.00 R1

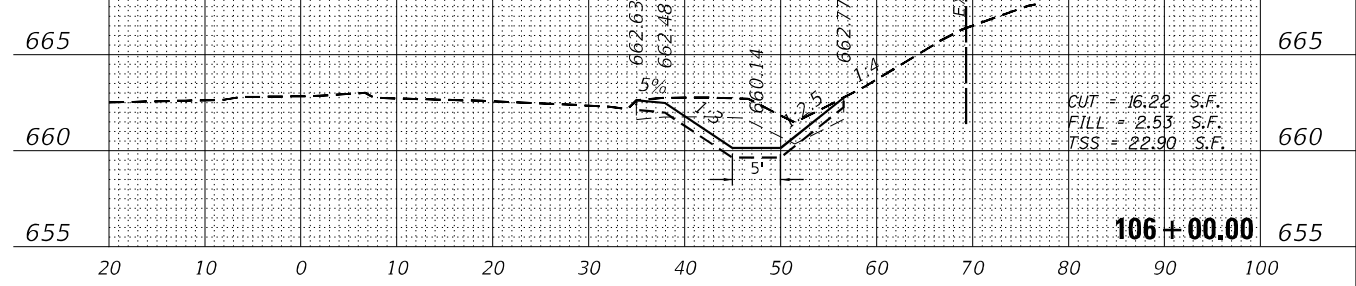
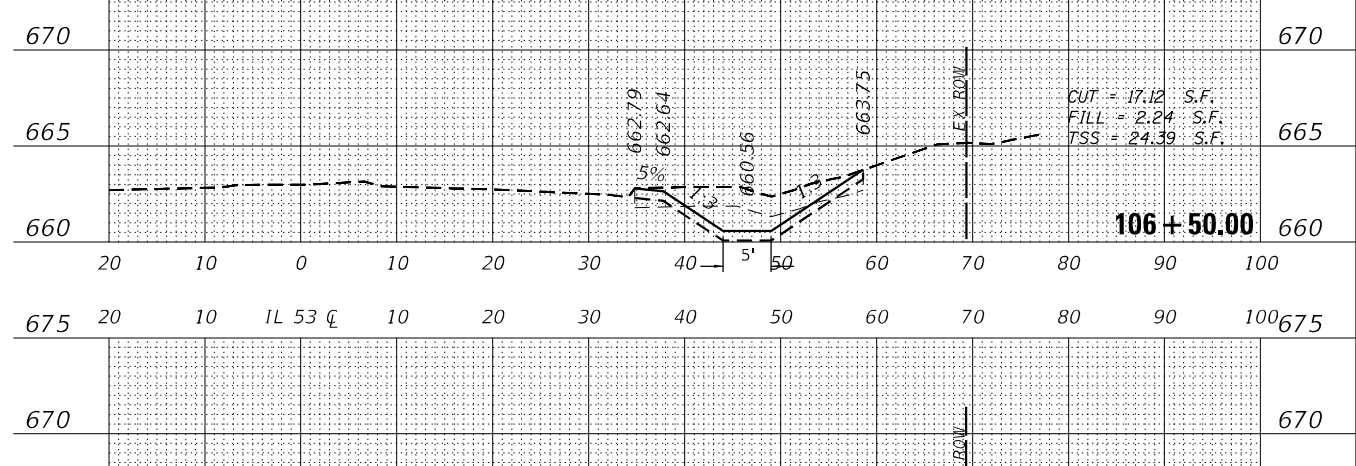
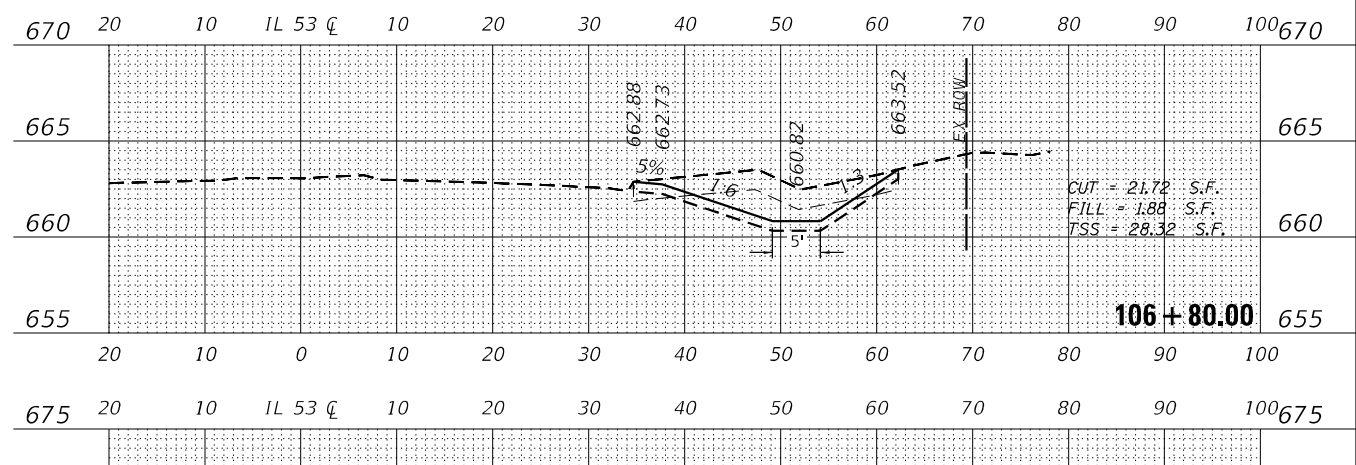
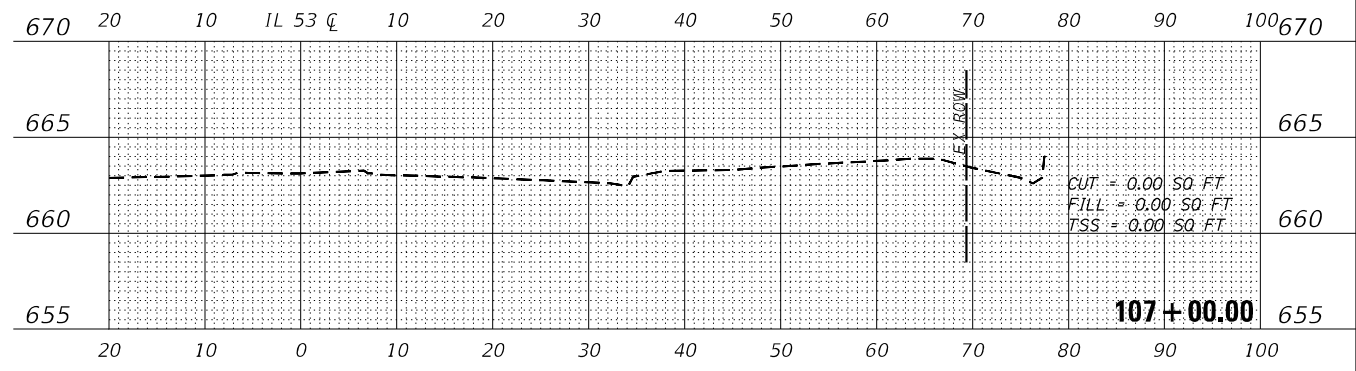
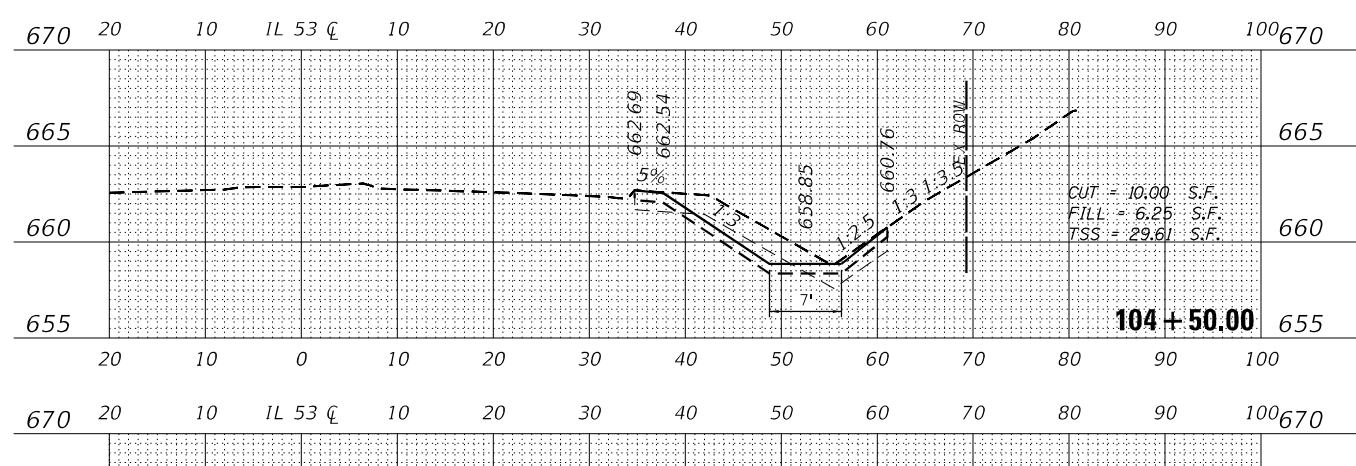
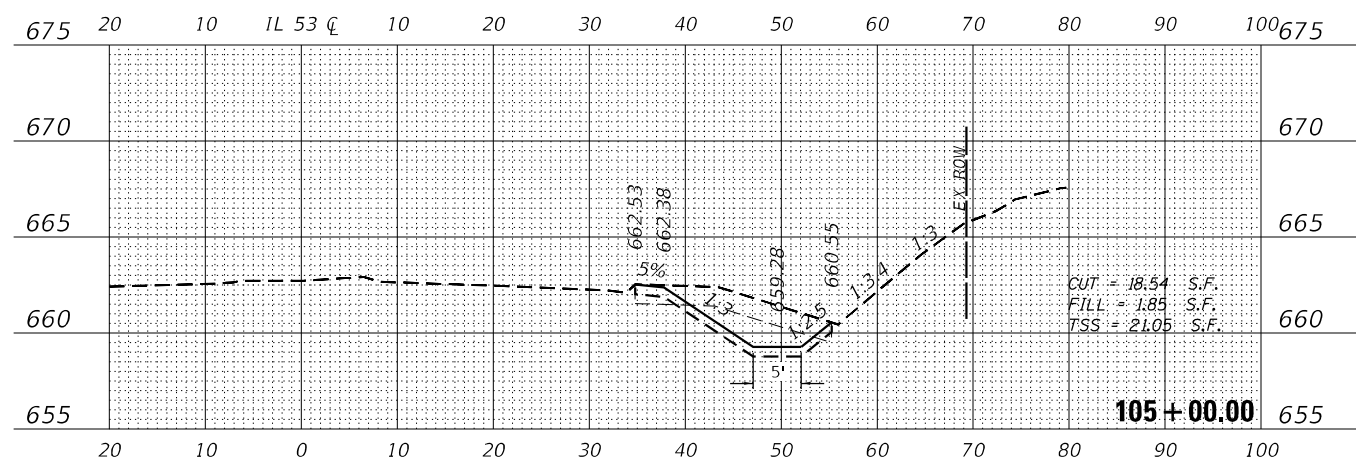
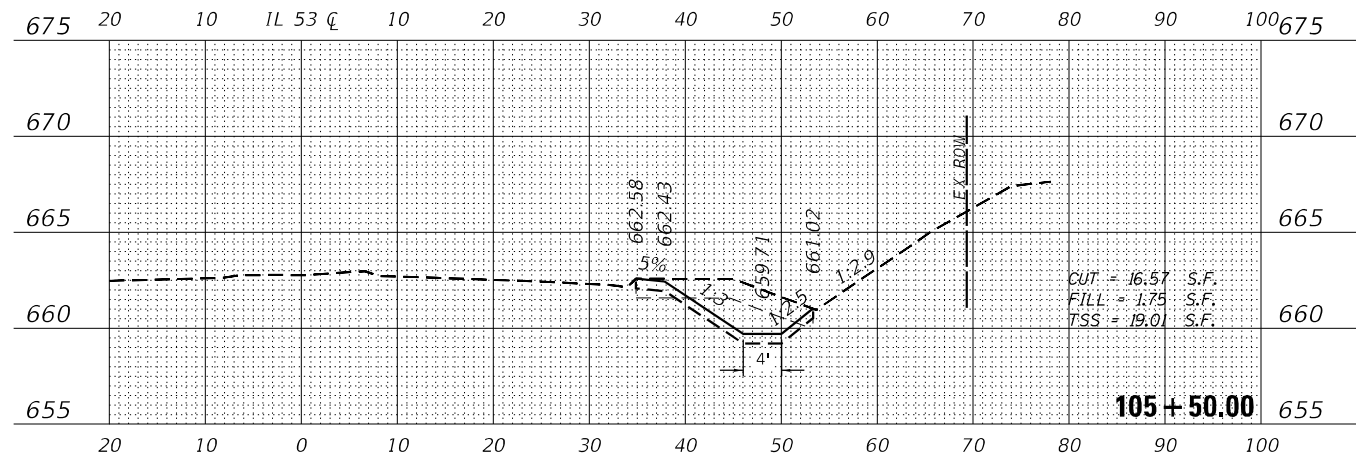
F.A.P. RTE. 299	SECTION 2021-055-DR	COUNTY WILL	TOTAL SHEETS 125	SHEET NO. 123
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N86	



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

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

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WBK ENGINEERING
 WBK ENGINEERING, LLC
 116 WEST MAIN STREET, SUITE 201
 ST. CHARLES, ILLINOIS 60174
 (630) 443-7755

USER NAME = sUSERS	DESIGNED - AKW	REVISED -
PLOT SCALE = sSCALE5	DRAWN - KON	REVISED -
PLOT DATE = 2/7/2023	CHECKED - CL	REVISED -
	DATE - 2/7/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
ILLINOIS ROUTE 53 AT JOANN LANE DRAINAGE IMPROVEMENTS
 SCALE: 1"=10'H/5'V SHEET 2 OF 3 SHEETS STA. 104+10.10 TO STA. 107+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	2021-055-DR	DUPAGE	125	125
CONTRACT NO. 62N86				
ILLINOIS FED. AID PROJECT				