06-16-2023 LETTING ITEM 016

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	1
	ILLINOIS	CONTRACT NO. 64F57		

* WHITESIDE & OGLE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAS ROUTE 2194 & 189 (FREEPORT ROAD)
SECTION 115BC
PROJECT HBFP-9HLL(312)
STRUCTURE REPLACEMENT
WHITESIDE & OGLE COUNTIES

FOR INDEX OF SHEETS AND HIGHWAY STANDARDS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION
FAS ROUTE 2194 & 189 (FREEPORT ROAD)
CLASSIFICATION: MAJOR COLLECTOR
ADT: 1,900 (2022)
TRUCKS: 23.2%
DHV: 210
PV: 1,530
SU: 325
MU: 145

DESIGN SPEED: 55 MPH
POSTED SPEED: 55 MPH

JORDAN TOWNSHIP SECTION (12,14,15)
WOOSUNG TOWNSHIP SECTION (7)

0 100′ 200′ 300′ — 1″ = 100′
0 10′ 20′ 30′ — 1″ = 10′
0 50′ 100′ — 1″ = 50′
0 50′ 100′ — 1″ = 40′
0 50′ 100′ — 1″ = 30′
0 50′ 100′ — 1″ = 20′

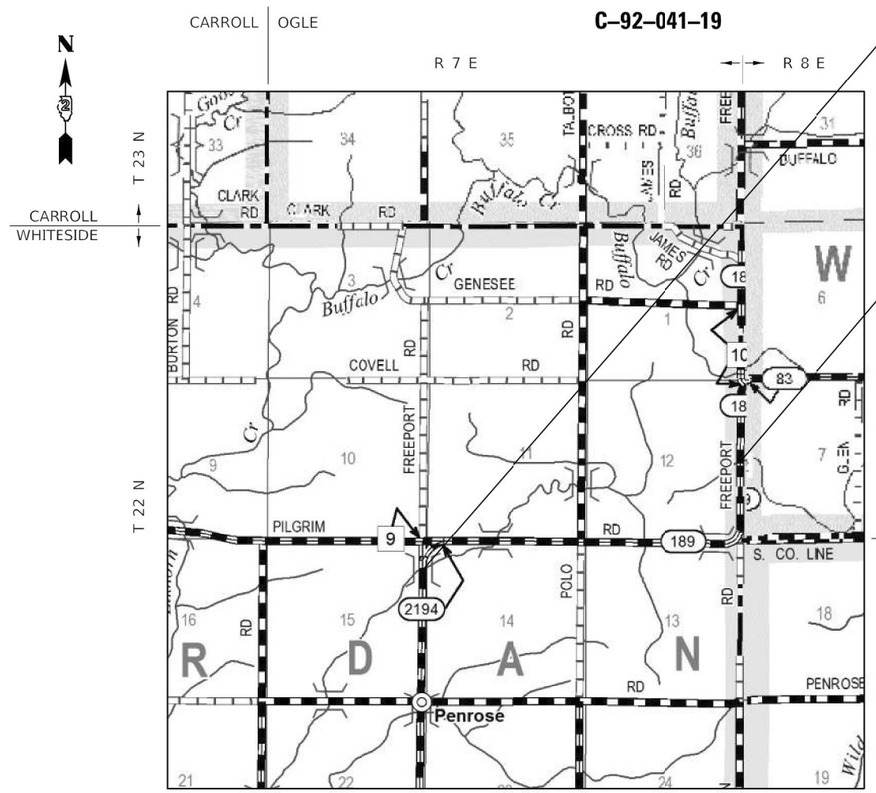
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DISTRICT 2
PROJECT ENGINEER: CHAD SPREEMAN
PHONE: 815–284–5934
PROJECT MANAGER: CHRISTOPHER CONDERMAN
PHONE: 815–284–5955
EMAIL: Christopher.Conderman@Illinois.gov

CONTRACT NO. 64F57

C–92–041–19



PROJECT / IMPROVEMENT BEGINS
STA. 356 + 39
IMPROVEMENT ENDS
STA. 362 + 21
STRUCTURE REPLACEMENT OVER JORDAN CREEK
AT STA. 360+38.6
0.2 MILE SOUTH OF PILGRIM ROAD IN WHITESIDE COUNTY
EXISTING SN 098-0049
PROPOSED SN 098-2026

IMPROVEMENT BEGINS
STA. 486 + 50
PROJECT ENDS
STA. 500 + 75
IMPROVEMENT ENDS
STA. 502 + 00
STRUCTURE REPLACEMENT OVER JORDAN CREEK
AT STA. 496+58.4
0.5 MILE NORTH OF PILGRIM ROAD IN WHITESIDE / OGLE COUNTY
EXISTING SN 071-1001
PROPOSED SN 071-2028

GROSS LENGTH = 14,561 FT. = 2.76 MILES
NET LENGTH = 2,132 FT. = 0.40 MILE

D-92-119-09



LOCATION OF SECTION INDICATED THUS: –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 03/17 20 23
REGIONAL ENGINEER
May 12, 2023
ENGINEER OF DESIGN AND ENVIRONMENT
May 12, 2023
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

LICENSED PROFESSIONAL ENGINEER
PRISCILLA A TOBIAS
062-050786
OF ILLINOIS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

ARORA AND ASSOCIATES, P.C.

REV. 3/20/23

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS & HIGHWAY STANDARDS
3	GENERAL NOTES AND COMMITMENTS
4-8	SUMMARY OF QUANTITIES
9-10	TYPICAL SECTIONS
11	ALIGNMENT, TIES & BENCHMARKS
12-17	SCHEDULE OF QUANTITIES
18-23	PLAN & PROFILES
24-28	EROSION & SEDIMENT CONTROL PLANS
29-30	MAINTENANCE OF TRAFFIC - ROAD CLOSURE DETAIL
31	PAVEMENT MARKING PLANS
32-41	STRUCTURAL PLANS 098-2026
42-50	STRUCTURAL PLANS 071-2028
51-53	RIGHT OF WAY PLAT
54-55	EASEMENT PLAT
56-58	STAKING PLAN
	DISTRICT 2 STANDARDS
59	RIPRAP AT END SECTIONS (19.4)
59	CONCRETE REVETMENT MAT AT END SECTIONS (19.4A)
59	DELINEATOR AND POST ORIENTATION (37.4)
59	TYPICAL BENCHING ON EXISTING EMBANKMENT (50.4)
60	LAND SECTION & REFERENCE MARKERS (63.4)
60	FIELD TILE JUNCTION VAULTS 2' AND 3' DIAMETER (30.2)
61	UNDERDRAIN FOR ACROSS ROAD (AR) CULVERTS (37.2)
61	PERMANENT SURVEY MARKERS, TYPE II (66.2)
62-63	BOX CULVERT END SECTIONS (10.1)
64-65	TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTION (13.1)
66	HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS (20.1)
67-70	WORK ZONE SIGN SHEET DETAILS (34.1)
71	TRAFFIC CONTROL FOR ROAD CLOSURE (40.1)
72-74	TYPICAL PAVEMENT MARKINGS (41.1)
75-160	CROSS SECTIONS

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
515001-04	NAME PLATE FOR BRIDGES
542411-00	SLOPED METAL END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 60"(1500 MM) DIAMETER
542416-00	SLOPED METAL END SECTIONS FOR PIPE ARCH CULVERTS 15"(375 MM) THRU 72"(1800 MM) EQUIVALENT DIAMETER
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
635001-02	DELINEATORS
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24"(600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:100	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:25	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS & HIGHWAY STANDARDS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	2
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

GENERAL NOTES

1. THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 4 OR 2A SHALL BE USED, EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED, THEN USE SEEDING, CLASS 1A. CLASS 2A SHALL BE USED ON FRONT SLOPES AND DITCH BOTTOMS. CLASS 4 SHALL BE USED BEHIND TYPE A GUTTER, ON ALL BACKSLOPES AND AREAS BEHIND THE BACKSLOPE, AND BEYOND THE TOE OF FRONT SLOPE ON FILL SECTIONS WITHOUT DITCHES.

2. THE ENTIRE EXCAVATION, WITHIN 2 FEET OUTSIDE OF EACH SHOULDER, SHALL BE BACKFILLED WITH POROUS GRANULAR EMBANKMENT TO THE BOTTOM OF THE PROPOSED PAVEMENT/PATCH. IMPERVIOUS MATERIAL SHALL BE USED ON THE OUTER 3 FEET AT EACH END OF THE CULVERT.

3. THE DROP OFF THAT OCCURS AT ENTRANCE EDGES AS A RESULT OF RESURFACING OF THE ENTRANCE SHALL BE CORRECTED USING AGGREGATE SHOULDER MATERIAL. THIS WORK SHALL BE PAID FOR BY THE SQUARE YARD FOR AGGREGATE SHOULDERS OF THE TYPE SPECIFIED IN THE PLANS.

4. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION AND MIXTURE USE(S):	FAS 2194 & FAS 189 (FREEPORT ROAD)	
	SURFACE	BINDER
PG:	PG58-28	PG58-28
DESIGN AIR VOIDS:	4.0 @ N50	4.0 @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-9.5
FRICTION AGGREGATE:	C	
MIXTURE WEIGHT:	112 LBS/SY/IN	NA
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	NA	NA
MATERIAL TRANSFER DEVICE:	NA	NA

   WHEN A NUMBER OF ROLLER PASSES IS SPECIFIED, THE CONTRACTOR MAY OPT TO USE INTELLIGENT COMPACTION IN LIEU OF DENSITY TESTING UNDER THE QUALITY CONTROL FOR PERFORMANCE (QCP) PROGRAM.

5. THE CONTRACTOR WILL BE REQUIRED TO FURNISH 5 ½" HIGH BRASS STENCILS AS APPROVED BY THE ENGINEER AND INSTALL STATIONING AT 250' INTERVALS. STATIONING SHALL BE PLACED ON BOTH LANES OF 2LANE HIGHWAYS AND ON THE OUTSIDE LANES IN BOTH DIRECTIONS ON 4-LANE HIGHWAYS. THE STATIONS SHALL BE PLACED 6" INSIDE THE PAVEMENT MARKING EDGE SO THEY CAN BE READ FROM THE SHOULDER. THIS WORK WILL BE INCLUDED IN THE COST OF THE FINAL PAVEMENT SURFACE.

6. THE AREA TO BE TACKED OR PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAY'S PRODUCTION, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.

7. TREE REMOVAL WILL NOT TAKE PLACE FROM APRIL 1st THROUGH SEPTEMBER 30th AS DETERMINED BY THE USFWS.

8. THE NEW STRUCTURE NUMBER AT STATION 360+38.96 WILL BE S.N. 098-2026. THE NEW STRUCTURE NUMBER AT STATION 496+58.54 WILL BE S.N. 071-2028.

9. THE BORING LOGS FOR THIS STRUCTURE INDICATE THAT GROUNDWATER LEVELS MAY ENCROACH ON THE CONSTRUCTION LIMITS OF THIS CULVERT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL THE GROUND WATER AND DIVERT THE STREAM FLOW DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREA FREE OF WATER. THE METHOD OF CONTROLLING THE WATER SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER AND THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PRECAST CONCRETE BOX CULVERTS.

10. CULVERT & BRIDGE FLOWS MUST BE MAINTAINED THROUGHOUT THE PROJECT, NORMAL FLOW SHALL BE ALLOWED TO PASS AT THE RATE IT ENTERS THE JOB SITE. HIGH FLOWS SHALL BE ALLOWED TO PASS WITHOUT CAUSING DAMAGE TO UPSTREAM PROPERTIES.

11. CONNECTING BANDS FOR CORRUGATED METAL PIPES SHALL BE METAL AND SHALL BE COATED WITH THE SAME MATERIAL AS THE PIPE SECTIONS. THE CONNECTING BANDS SHALL BE A MINIMUM OF 18" WIDE.

12. DELINEATORS SHALL BE INSTALLED AS SHOWN IN STANDARD 635001, EXCEPT THAT THE POST SHALL BE ROTATED 180 AND ONLY METAL-BACKED DELINEATORS SHALL BE PERMITTED. DELINEATORS SHALL BE PLACED AT THE ENDS OF APPROACH GUARDRAIL TERMINAL SECTIONS, AND AT EACH HEADWALL OR END SECTION OF AR CULVERTS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COLLECTING AND MAINTAINING AN ELECTRONIC LOG OF ALL STAKEOUT SURVEY THAT IS PERFORMED ON THE JOB, EITHER BY HIM/HER OR ANY SUB-CONTRACTOR PERFORMING THE STAKEOUT. UPON REQUEST, ALL LOGS SHALL BE SUBMITTED TO THE DEPARTMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK, BUT SHALL BE CONSIDERED INCLUDED IN THE COST FOR CONSTRUCTION LAYOUT.

14. PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:

    1. ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.
    2. ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
    3. THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES, AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
    4. CENTERLINE SKIP DASH PAVEMENT MARKING ON MULTI-LANE DIVIDED, MULTI-LANE UNDIVIDED, AND ONE-WAY ROADWAY SHALL BE ACCORDING TO DISTRICT STANDARD 41.1.

15. PERMANENT SURVEY MARKERS, TYPE II, SHALL BE SET AT INTERVALS OF 1 MILE OR AS DIRECTED BY THE ENGINEER. BRIDGE OR CULVERT PROJECTS SHALL HAVE ONE SURVEY MARKER PLACED NEAR THE STRUCTURE. ESTIMATED: 2 EACH.

16. PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON DISTRICT STANDARD 66.2, OR ANOTHER OPTION WOULD BE TO INSTALL A VAULTED STYLE MONUMENT AS DESCRIBED BY NGS AS A 3D MONUMENT (TOP SECURITY SLEEVE ROD MONUMENT), WITH INSTALLATION INSTRUCTIONS PROVIDED BY THE DISTRICT CHIEF OF SURVEYS. IF POURED IN PLACE, THE BOTTOM OF THE MARKER SHALL BE 5'-0" BELOW THE GROUND SURFACE.

17. THE PERMANENT SURVEY MARKERS, IF POSSIBLE, SHALL BE INSTALLED AT THE BEGINNING OF THE JOB AND PROTECTED THROUGHOUT.

18. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE HORIZONTAL COORDINATES MUST BE DERIVED BY GPS AND THE ELEVATION DERIVED USING AN ELECTRONIC LEVEL. THE META DATA, SUCH AS THE GEOID USED, (NGS ADJUSTMENT IE: 97 HARN, 03, 07), AND THE BASE POINT(S) NAME OR NUMBER SHALL BE SUBMITTED ALONG WITH A COMPLETE COLLECTION LOG. IF COLLECTED USING RTK METHOD, IT WILL REQUIRE EITHER 3 COLLECTIONS (AVERAGED) FROM 2 DIFFERENT BASES, OR A MINIMUM OF 3 COLLECTIONS (AVERAGED), AT LEAST 2 HOURS APART, FROM THE SAME BASE. IF USING A CORS TYPE NETWORK, THE COLLECTION PROCEDURE SHALL INCLUDE LOCALIZING WITH CHECK SHOTS ON AT LEAST 2 DIFFERENT HARN MONUMENTS BOTH BEFORE AND AFTER COLLECTION, THE LEVEL CIRCUIT SHALL BE RUN FROM FURNISHED MARK TO FURNISHED MARK AND THEN ADJUSTED. THE ERROR OF CLOSURE SHALL BE SUBMITTED WITH THE ELECTRONIC LEVEL NOTES IN A RECOGNIZED FORMAT APPROVED BY THE ENGINEER AND/OR THE CHIEF OF SURVEYS. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE DISTRICT CHIEF OF SURVEYS.

GENERAL NOTES CONTINUED

19. RIGHT-OF-WAY MARKERS WILL BE ERECTED PER HIGHWAY STANDARD 666001 WITH THE BACK FACE OF THE MARKER ON THE RIGHT-OF-WAY LINE, UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHTOFWAY MARKERS WILL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE. THE METHOD OF INSTALLATION SHALL BE APPROVED BY THE ENGINEER.

20. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

    COMMONWEALTH EDISON COMPANY (630) 437-22-12
    FRONTIER (NORTH) (815) 544-6171

    IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815/284-5469 AT LEAST 48 HOURS PRIOR TO WORK.

21. PENROSE RD, POLO RD, TO GENESEE RD IS CONSIDERED A GOOD NEIGHBOR ROUTE. THE FOLLOWING PAY ITEMS AND QUANTITIES ARE ESTIMATED FOR THIS ROUTE (AS SHOWN IN THE SCHEDULE OF QUANTITIES) TO BE USED AS DIRECTED BY THE ENGINEER:
    BITUMINOUS MATERIALS (TACK COAT) - 288 POUNDS
    HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 36 TONS
    HOT-MIX ASPHALT BINDER COURSE, IL9.5, N50 - 32 TONS
    INCIDENTAL HOT-MIX ASPHALT SURFACING - 3 TONS
    CLASS D PATCHES, TYPE I, 8 INCH - 50 SQUARE YARDS

22. WORK ON THIS PROJECT WILL BE IN PROGRESS AT THE SAME TIME AS WORK ON THE CONTRACT 64P93.

23. STRUCTURE 098-0049 IS A ONE SPAN RC SLAB SUPERSTRUCTURE ON TWO FULL HEIGHT REINFORCED CONCRETE ABUTMENTS FOUNDED ON UNTREATED TIMBER PILES APPROXIMATELY 24 FT. IN LENGTH WITH ZERO SKEW ANGLE.

    THERE ARE NO BEARINGS OR JOINTS ON THIS STRUCTURE. THE SLAB IS BARE - NO BITUMINOUS WEARING SURFACE.

    THE BACK-TO-BACK ABUTMENT LENGTH IS 33 FT. AND THE OUT-TO-OUT DECK WIDTH IS 35 FT. 4 IN.

    THE STRUCTURE PROVIDES FOR ONE 12' TRAFFIC LANE IN EACH DIRECTION WITH 4' CONCRETE SHOULDERS ON EACH SIDE. THERE ARE NO SIDEWALKS. THE ORIGINAL BRIDGE RAILING CONSISTS OF A SINGLE REINFORCED CONCRETE RAIL 32" IN HEIGHT SUPPORTED BY CONCRETE POSTS AND AN ADDITIONAL STEEL STANDARD GUARDRAIL HAS BEEN PLACED IN FRONT OF THIS AND MOUNTED WITH BOLTS TO THE RAISED CONCRETE CURB.

24. STRUCTURE 071-1001 IS A ONE SPAN 10 INCH THICK REINFORCED CONCRETE SLAB SUPERSTRUCTURE WITH 6.5 INCH BITUMINOUS OVERLAY BUILT ON TWO FULL HEIGHT REIFORCED CONCRETE ABUTMENTS FOUNDED ON UNTREATED TIMBER PILES UP TO 20 FT. IN LENGTH WITH ZERO SKEW ANGLE. NO ADDITIONAL INFORMATION ABOUT THE PILES HAS BEEN FOUND.

    THE SINGLE SPAN IS 17.5 FT. FROM BACK TO BACK OF ABUTMENTS AND THE OUT TO OUT DECK WIDTH IS 35.4 FT.

    THERE ARE NO BEARINGS ON THIS STRUCTURE. THERE IS A ± 6.5 INCH THICK BITUMINOUS OVERLAY ON THE SUPERSTRUCTURE. (TOTAL DECK THICKNESS IS 21.5 IN.: 10 IN. SLAB, 4-5 IN. GRANULAR FILL, 6.5 IN. BITUMINOUS).

    THERE ARE NO EXPANSION JOINTS OR SIDEWALKS ON THIS STRUCTURE.

    THE STRUCTURE PROVIDES FOR ONE 12' TRAFFIC LANE IN EACH DIRECTION WITH 5 FT. AGGREGATE SHOULDERS ON EACH SIDE. THE ORIGINAL BRIDGE RAILING CONSISTS OF TEXAS CLASSIC TYPE 411 CONCRETE TRAFFIC RAILS WITH TYPE "B" WINDOWS HOWEVER THEY WERE REMOVED AT SOME TIME AND REPLACED WITH STANDARD GUARDRAIL WHICH ARE BOLTED TO THE SLAB WITH 1 POST ON EACH SIDE.

25. EXISTING MAILBOX AT STATION 358+79 RT IS TO BE REMOVED AND RELOCATED ACCORDING TO ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

COMMITMENTS

1. TREES REMOVED FROM JIM C. VEST'S PROPERTY SHALL BE REPLACED WITHIN HIS PROPERTY LIMITS UNLESS THEY DO NOT FIT, AS DETERMINED BY THE ROADSIDE MANAGER AND AGREED UPON BY THE PROPERTY OWNER.

2. PRIOR TO THE START OF THE ROAD CLOSURE, A VIDEO WILL BE TAKEN BY A DEPARTMENT REPRESENTATIVE, AND A FIELD INSPECTION WILL BE MADE WITH THE APPROPRIATE COUNTY/TOWNSHIP REPRESENTATIVE TO REVIEW THE PRESENT CONDITION OF THE GOOD NEIGHBOR POLICY ROUTES, WHICH ARE UNDER THE COUNTY/TOWNSHIP JURISDICTION. THEN UPON COMPLETION OF THE PROPOSED IMPROVEMENT, AN INSPECTION WILL AGAIN BE HELD TO DETERMINE ANY NEEDED REPAIRS OR RESTORATION. ANY AGREED UPON REPAIRS OR RESTORATION WILL BE AT THE EXPENSE OF THE DEPARTMENT. ADDITIONAL QUANTITIES HAVE BEEN INCLUDED IN THE PLANS TO ACCOMMODATE POTENTIAL RESTORATION. NORMAL MAINTENANCE OF THE ROADWAY SURFACE, SNOW REMOVAL, MOWING OF THE VEGETATION AND OTHER ROADSIDE MAINTENANCE ON COUNTY/TOWNSHIP ROADS WILL CONTINUE TO BE THE RESPONSIBILITY OF THE COUNTY/TOWNSHIP.

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:100	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:25	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & COMMITMENTS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	3
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE WHITESIDE COUNTY - RURAL STP - 80% FED / 20% STATE BOX CULVERT 0010 PSN 098-2026	CONSTRUCTION CODE OGLE COUNTY - RURAL STP - 80% FED / 20% STATE BOX CULVERT 0004 PSN 071-2028
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	77	77	0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	72	72	0
20200100	EARTH EXCAVATION	CU YD	3,100	2,240	860
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,323	714	609
20300100	CHANNEL EXCAVATION	CU YD	968	741	227
20700220	POROUS GRANULAR EMBANKMENT	CU YD	3,535	1,701	1,834
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	12,015	5,535	6,480
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	100	50	50
25000110	SEEDING, CLASS 1A	ACRE	0.50	0.5	0
25000210	SEEDING, CLASS 2A	ACRE	2.00	0.75	1.25
25000310	SEEDING, CLASS 4	ACRE	2.00	0.75	1.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	357	155	202
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	357	155	202
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	357	155	202
25000750	MOWING	ACRE	4.00	1.75	2.25
25100125	MULCH, METHOD 3	ACRE	4.00	1.75	2.25

* SPECIALTY ITEMS

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - BN	REV[SED -
	DRAWN - HD	REV[SED -
PLOT SCALE = $SCALE$	CHECKED - PAT	REV[SED -
PLOT DATE = 16-MAR-2023 15:47	DATE - 3/14/2023	REV[SED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

SECTION	COUNTY	DIANS
IISBC	WHITESIDE & OGLE	160 4
	CONTRACT NO. 64F57	
ILLINOIS FED. AID PROJECT		

* WHITESIDE & OGLE

REV. 3/20/23

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: WH !TES IDE COUNTY - RURAL STP - 80% FED/ 20% STATE; BOX CULVERT; 0010; PSN 098-2026	CONSTRUCTION CODE: OGLE COUNTY - RURAL STP - 80% FED / 20% STATE; BOX CULVERT; 0004; PSN 071-2028
25100630	EROSION CONTROL BLANKET	SQ YD	455	170	285
25100900	TURF REINFORCEMENT MAT	SQ YD	231	138	93
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	452.50	196.00	256.50
28000305	TEMPORARY DITCH CHECKS	FOOT	1,087	720	367
28000315	AGGREGATE DITCH CHECKS	TON	1,179	118	1, 061
28000400	PERIMETER EROSION BARRIER	FOOT	2,744	1,166	1,578
28000500	INLET AND PIPE PROTECTION	EACH	12	5	7
28100109	STONE RIPRAP, CLASS AS	SQ YD	590	295	295
28200200	FILTER FABRIC	SQ YD	590	295	295
28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	213	213	0
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	755	407	348
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3, 160	1,507	1,653
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	640	320	320
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, NS0	TON	342	161	181
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9. 5, MIX "C", NS0	TON	390	184	206

* SPECIALTY ITEMS

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - BN	REV[SED -
	DRAWN - HD	REV[SED -
PLOT SCALE = $SCALE$	CHECKED - PAT	REV[SED -
PLOT DATE = 16-MAR-2023 15:48	DATE - 3/14/2023	REV[SED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

SECTION	COUN1Y	J❖IHS	
IISBC		160	5
	CONTRACT NO. 64F57		
I ILLINOIS I FED. AID PROJECT			

* WH[TES[DE & OGLE

REV. 3/20/23

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE WHITESIDE COUNTY - RURAL STP - 80% FED / 20% STATE BOX CULVERT 0010 PSN 098-2026	CONSTRUCTION CODE OGLE COUNTY - RURAL STP - 80% FED / 20% STATE BOX CULVERT 0004 PSN 071-2028
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	24	24	0
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	120	120	0
44201737	CLASS D PATCHES, TYPE I' 8 INCH	SQ YD	50	25	25
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	511	263	248
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	1,249	526	723
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	0
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	0	1
50105220	PIPE CULVERT REMOVAL	FOOT	175	79	96
50200100	STRUCTURE EXCAVATION	CU YD	4,286	3,024	1,262
51500100	NAME PLATES	EACH	2	1	1
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	6	6	0
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	6	0	6
54011004	PRECAST CONCRETE BOX CULVERTS 10' X 4'	FOOT	288	0	288
54011010	PRECAST CONCRETE BOX CULVERTS 10' X 10'	FOOT	216	216	0
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	113	0	113

* SPECIALTY ITEMS

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - BN	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = $SCALE$	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:43	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

SECTION	COUNTY	TOTAL SHEETS
IISBC	WHITESIDE	160
	CONTRACT NO. 64F57	6
	ILLINOIS FED. AID PROJECT	

* WHITESIDE & OGLE

REV. 3/20/23

				CONSTRUCTION CODE	
				WHITESIDE COUNTY - RURAL STP - 80% FED / 20% STATE	OGLE COUNTY - RURAL STP - 80% FED / 20% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BOX CULVERT 0010 PSN 098-2026	BOX CULVERT 0004 PSN 071-2028
542D5473	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	116	0	116
542D5485	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	107	107	0
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	1,592	1,105	487
54260515	SLOPED METAL END SECTION, STANDARD 542411, 15", 1:6	EACH	4	0	4
54260918	SLOPED METAL END SECTION, STANDARD 542416, 18", 1:6	EACH	4	0	4
54261030	SLOPED METAL END SECTION WITH GRATE, STANDARD 542418, 30", 1:6	EACH	4	4	0
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8	4	4
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	189	99	90
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	4	2	2
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	50	25	25
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	50	25	25
63200310	GUARDRAIL REMOVAL	FOOT	439	282	157
63500105	DELINEATORS	EACH	12	6	6
* 66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	29	13	16
* 66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	1	1

* SPECIALTY ITEMS

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - BN	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = $SCALE$	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:44	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

	SECTION IISBC	COUNTY WHITESIDE & OGLE 160 I 7
		CONTRACT NO. 64F57
	ILLINOIS FED. AID PROJECT	

* WHITESIDE & OGLE

REV. 3/20/23

					CONSTRUCTION CODE	
					WHITESIDE **COUNTY - RURAL** **STP** - 80% FED / **20%** STATE	**OGLE COUNTY - RURAL** STP - 80% FED / **20%** **STATE**
	CODE NO.	**ITEM**	**UNIT**	TOTAL **QUANTITY**	**BOX CULVERT**	**BOX CULVERT**
					0010	**0004**
					PSN 098-2026	**PSN 071-2028**
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3	0
	67100100	MOBILIZATION	L SUM	1	0.5	0.5
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	21	21
*	72000100	SIGN PANEL - TYPE 1	SQ FT	7.5	7.5	0
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5	0
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	31	31	0
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	9,183	3,783	5,400
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5
	Z0004405	HOT-MIX ASPHALT SCARIFICATION	SQ YD	3,155	1,486	1,669
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	1	1	0
	Z0020900	ESTABLISHING AND REFERENCING LAND SECTION MARKERS	EACH	2	0	2
*	Z0025505	PROPERTY MARKERS	EACH	2	1	1
*	Z0054500	ROCK FILL	TON	2,351	1,235	1,116

* SPECIALTY ITEMS

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - BN	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:44	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

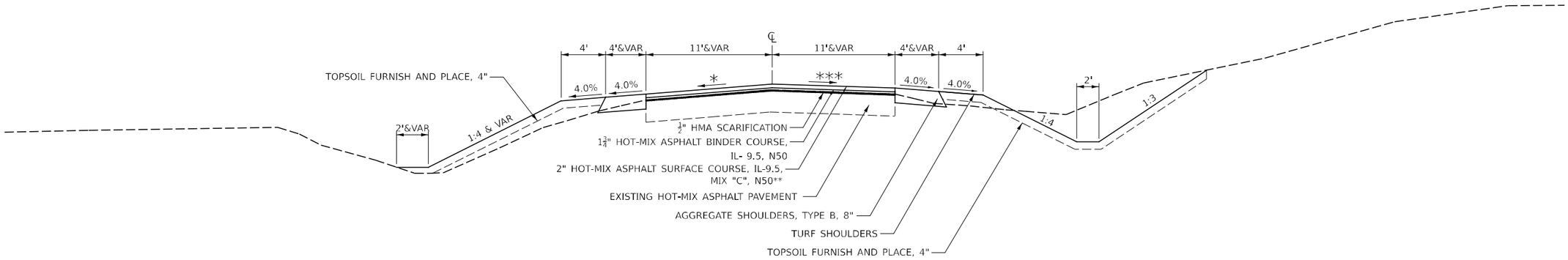
SUMMARY OF QUANTITIES

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

	SECTION	COUNTY
	IISBC	WHITESIDE & OGLE
		CONTRACT NO. 64F57
	ILLINOIS	FED. AID PROJECT

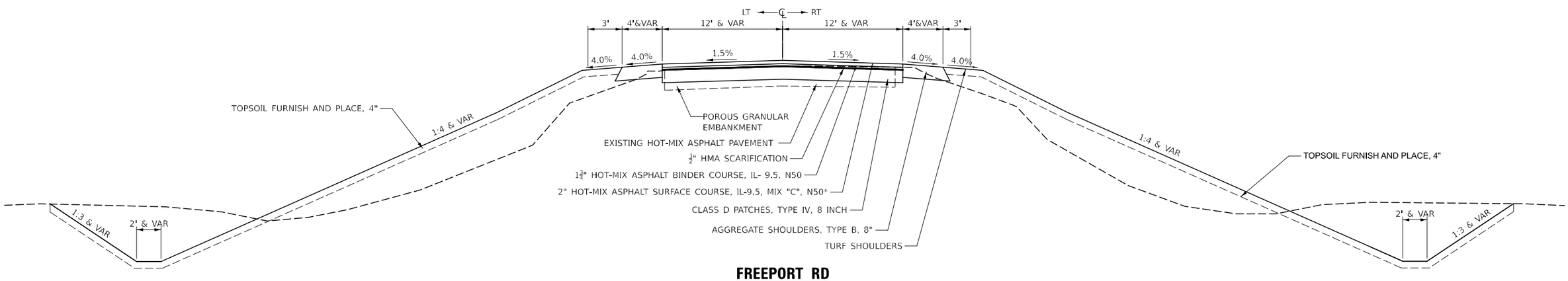
* WHITESIDE & OGLE

REV. 4/6/23 REV. 3/20/23



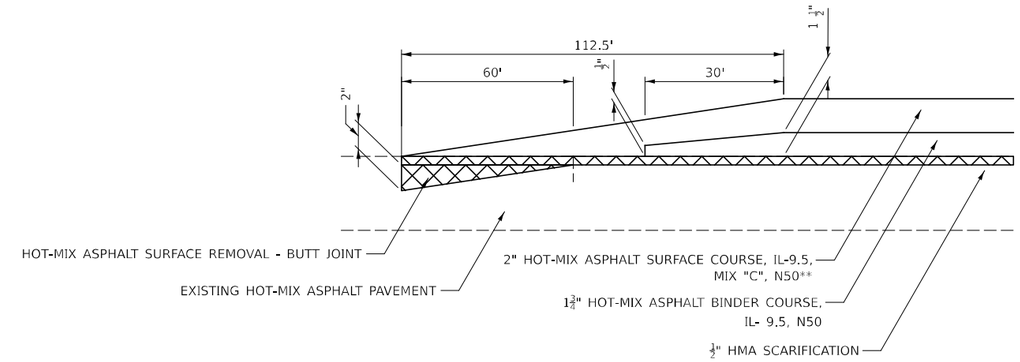
FREEPORT RD

STA. 356+39 - 359+87
STA. 360+90 - 362+21



FREEPORT RD

STA. 359+87 - 360+90



LONGITUDINAL SECTION THRU BUTT JOINT

STA. 356+39 - 357+36.5
STA. 361+23.6 - 362+21.1

NOTES:

^ MATCH CROSS SLOPE OF EXISTING SURFACE $\frac{3}{16}$"/FT DESIRED

** HMA UNIT WEIGHT = 112 LB/SQ YD/IN

*** MATCH EXISTING SUPERELEVATION

EXISTING

REMOVAL

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:25	DATE - 3/14/2023	REVISED -	

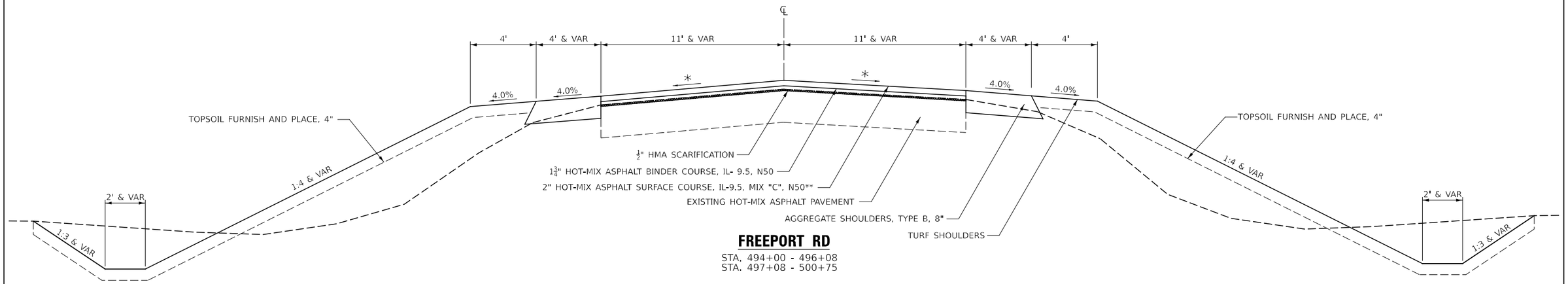
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS PATCHES

SCALE: 1" = 5' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

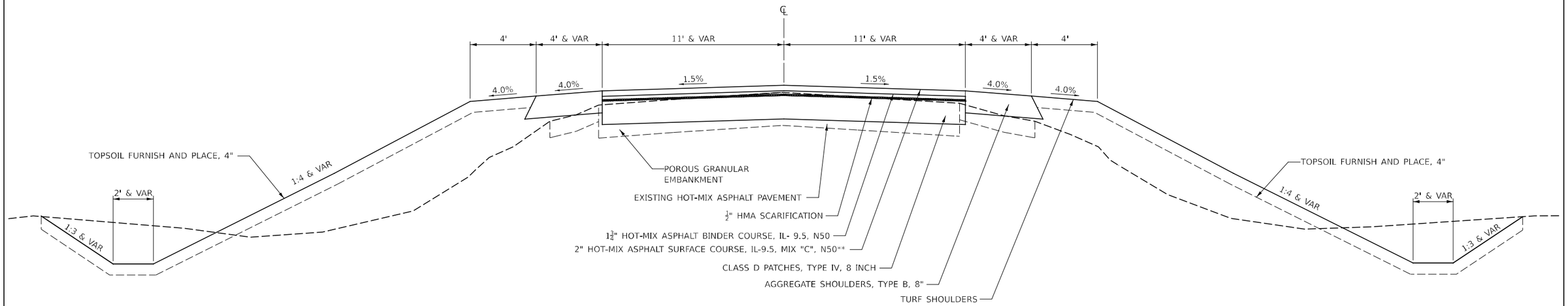
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Z194 & 189	115BC	WHITESIDE & OGLE	160	9
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

^ WHITESIDE & OGLE



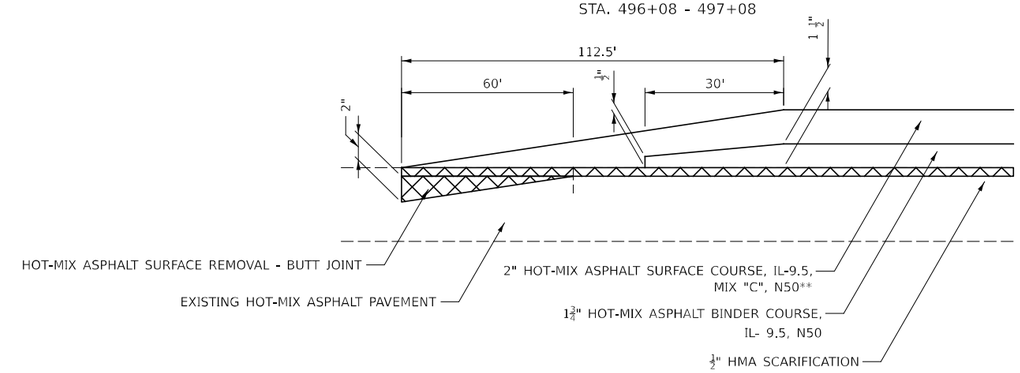
FREEPORT RD

STA. 494+00 - 496+08
STA. 497+08 - 500+75



FREEPORT RD

STA. 496+08 - 497+08



LONGITUDINAL SECTION THRU BUTT JOINT

STA. 494+00 - 494+97.5
STA. 499+77.5 - 500+75

NOTES:

* MATCH CROSS SLOPE OF EXISTING SURFACE
$\frac{3}{16}$" DESIRED

** HMA UNIT WEIGHT = 112 LB/SQ YD/IN

EXISTING

REMOVAL

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:6	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:25	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS – PATCHES

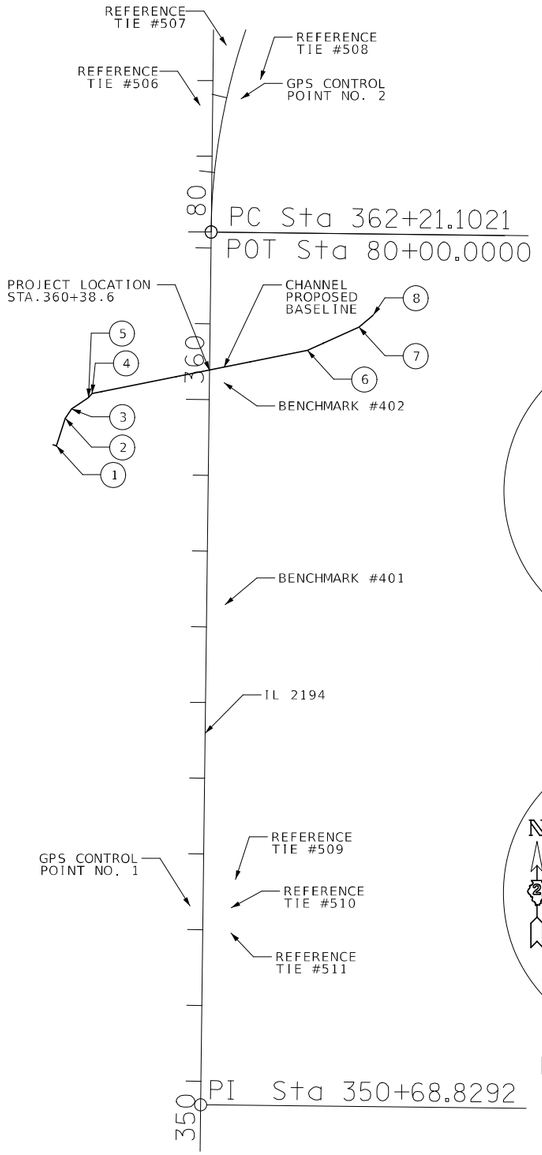
SCALE: 1" = 5' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

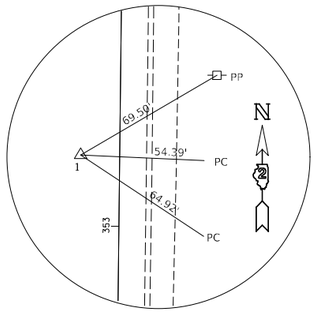
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	10
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

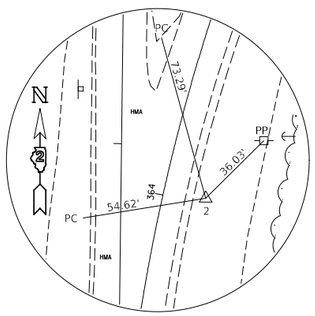
ALIGNMENT COORDINATES - IL 189			
IL 2194	STATION	N	E
PI	350+68.83	1905126.5980	2432362.0923
PC	362+21.10	1906278.7889	2432375.8353

ALIGNMENT COORDINATES - CHANNEL STA.360+38.6				
CHANNEL ℄		STATION	N	E
1	POT	5+00.00	1905996.5417	2432171.6192
2	PI	5+38.21	1906032.8611	2432183.4937
3	PI	5+53.15	1906045.2630	2432191.8216
4	PI	5+79.81	1906060.1572	2432213.9314
5	PI	5+86.92	1906065.5307	2432218.5955
6	PI	8+77.04	1906122.6425	2432503.0363
7	PI	9+51.57	1906153.3973	2432570.9279
8	POT	9+76.19	1906169.0634	2432589.9144

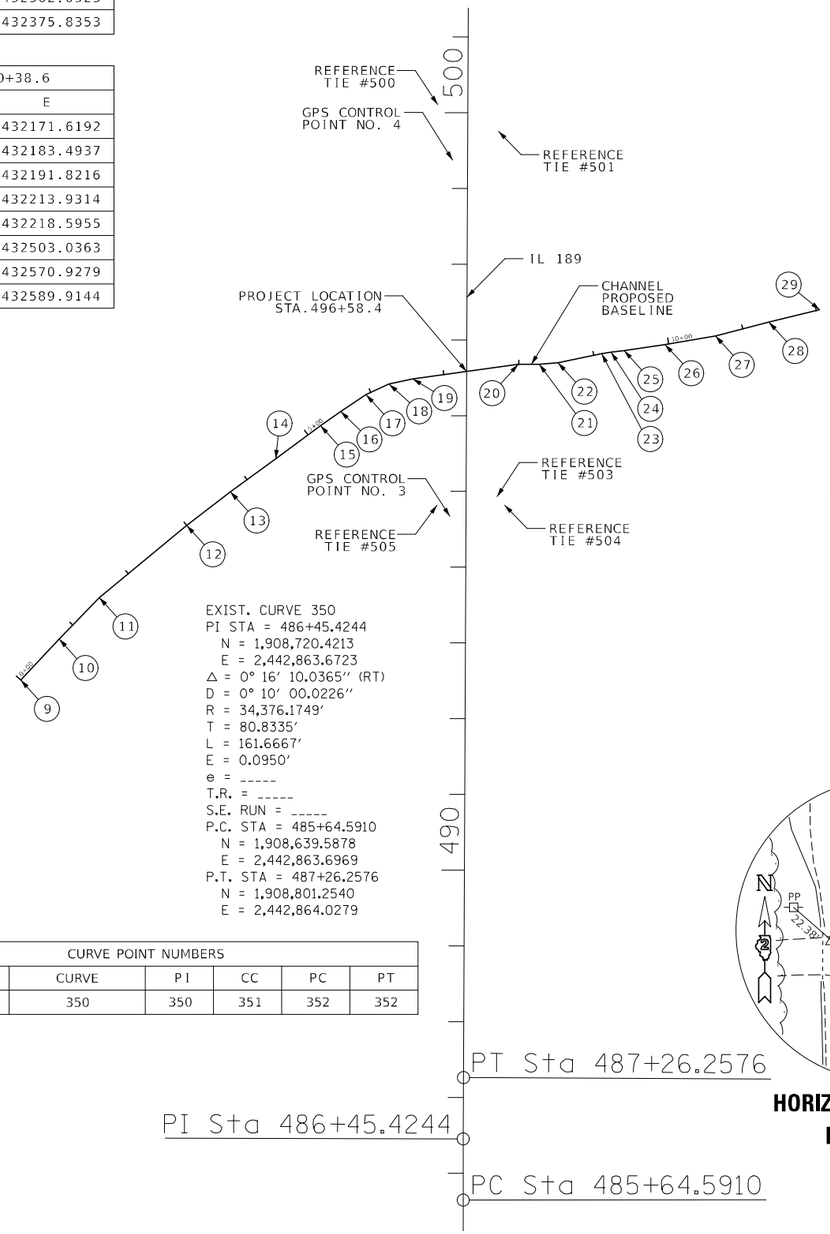




HORIZONTAL CONTROL POINT NO. 1



HORIZONTAL CONTROL POINT NO. 2

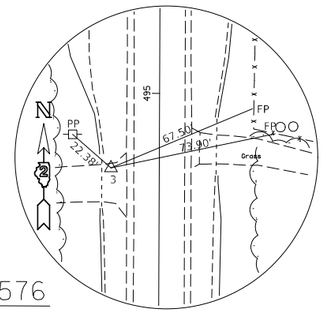


EXIST. CURVE 350
PI STA = 486+45.4244
N = 1,908,720.4213
E = 2,442,863.6723
△ = 0° 16' 10.0365" (RT)
D = 0° 10' 00.0226"
R = 34,376.1749'
T = 80.8335'
L = 161.6667'
E = 0.0950'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 485+64.5910
N = 1,908,639.5878
E = 2,442,863.6969
P.T. STA = 487+26.2576
N = 1,908,801.2540
E = 2,442,864.0279

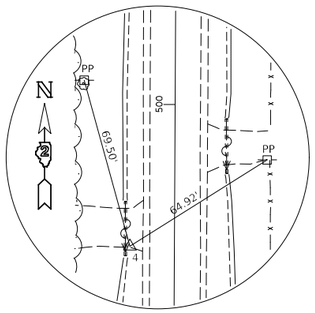
ALIGNMENT COORDINATES - CHANNEL STA.496+58.4				
CHANNEL ℄		STATION	N	E
9	POT	0+00.00	1909326.1181	2442279.4603
10	PI	0+74.20	1909380.1593	2442330.3043
11	PI	1+50.32	1909434.9256	2442383.1696
12	PI	2+99.81	1909530.2476	2442498.3338
13	PI	3+72.89	1909574.6683	2442556.3567
14	PI	4+46.74	1909618.0578	2442616.1228
15	PI	5+20.24	1909661.8910	2442675.1121
16	PI	5+52.81	1909680.6583	2442701.7391
17	PI	5+93.34	1909702.9749	2442735.5735
18	PI	6+26.64	1909716.8930	2442765.8229
19	PI	6+58.57	1909723.8489	2442796.9885
20	PI	7+99.35	1909742.8277	2442936.4792
21	PI	8+27.08	1909742.9918	2442964.2041
22	PI	8+51.86	1909745.0300	2442988.9042
23	PI	9+10.60	1909756.7810	2443046.4591
24	PI	9+23.28	1909759.0972	2443058.9271
25	PI	9+40.66	1909761.1483	2443076.1817
26	PI	9+95.22	1909769.1965	2443130.1461
27	PI	10+62.74	1909780.3334	2443196.7424
28	PI	11+35.64	1909798.7152	2443267.2845
29	POT	12+04.59	1909814.7836	2443334.3415

ALIGNMENT COORDINATES - IL 189			
IL 189	STATION	N	E
PC	485+64.59	1908639.5878	2442863.6969
PI	486+45.42	1908720.4213	2442863.6723
PT	487+26.26	1908801.2540	2442864.0279
PI	509+62.91	1911037.8848	2442873.8669

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
IL189	350	350	351	352	352



HORIZONTAL CONTROL POINT NO. 3



HORIZONTAL CONTROL POINT NO. 4

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1905389.0525	2432348.0220	723.7287	IL 2194	353+31.10	17.20' LT	GPS CONTROL POINT P & C
2	1906454.7133	2432415.3119	704.7301	IL 2194	364+02.74	18.69' RT	GPS CONTROL POINT P & C
3	1909542.2090	2442845.9816	749.8940	IL 189	494+67.13	21.31' LT	GPS CONTROL POINT P & C
4	1910012.5665	2442849.7579	758.2220	IL 189	499+37.50	19.60' LT	GPS CONTROL POINT P & C

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
401	1905786.8670	2432394.3869	708.1378	IL 2194	357+29.44	24.42' RT	CUT "□" SOUTH HEADWALL
402	1906079.9762	2432392.8089	704.8791	IL 2194	360+22.51	19.34' RT	CUT "□" SOUTHEAST WINGWALL

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:200	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:25	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189		WHITESIDE & OGLE	160	11
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

	STATION	SIDE	OFFSET (FT)	QUANTITY	DIAMETER (IN)	UNITS
	360+02	RT	55	1	12	12
	360+34	RT	101	1	10	10
ROUTE	360+36	RT	104	1	12	12
FAS 2194	360+64	RT	87	1	15	15
	360+69	RT	92	1	8	8
	360+73	RT	79	2	10	20
					SUBTOTAL =	77
					TOTAL=	77 UNITS

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

	STATION	SIDE	OFFSET (FT)	QUANTITY	DIAMETER (IN)	UNITS
	360+37	RT	91	1	22	22
ROUTE	360+38	RT	95	1	16	16
FAS 2194	360+45	RT	105	1	16	16
	360+60	RT	80	1	18	18
					SUBTOTAL =	72
					TOTAL =	72 UNITS

21301052 EXPLORATION TRENCH 52" DEPTH

	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
ROUTE				
FAS 2194	356+39 -	362+21	LT/RT	50
			SUBTOTAL =	50

	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
ROUTE				
FAS 189	486+50 -	500+75	LT/RT	50
			SUBTOTAL =	50
			TOTAL =	100 FOOT

25000110 SEEDING, CLASS 1A

	STATION LIMITS BEGIN	END	SIDE	FLAT AREA (ACRE)	SLOPE AREA (ACRE)
ROUTE					
FAS 2194	357+25 -	359+24	RT	0.2439	0.2561
				SUBTOTAL =	0.50
				TOTAL =	0.50 ACRE

25000210 SEEDING, CLASS 2A

	STATION LIMITS BEGIN	END	SIDE	FLAT AREA (ACRE)	SLOPE AREA (ACRE)
ROUTE	356+35 -	362+21	LT	0.4252	0.4379
FAS 2194	355+00 -	362+21	RT	0.2864	0.2950
				SUBTOTAL =	0.75

	STATION LIMITS BEGIN	END	SIDE	FLAT AREA (ACRE)	SLOPE AREA (ACRE)
	486+50 -	488+15	RT	0.1983	0.2042
ROUTE	491+50 -	492+20	LT	0.0146	0.0150
FAS 189	494+00 -	502+00	LT	0.4573	0.4710
	494+00 -	502+00	RT	0.4462	0.4595
				SUBTOTAL =	1.25
				TOTAL =	2.00 ACRE

25000310 SEEDING, CLASS 4

	STATION LIMITS BEGIN	END	SIDE	FLAT AREA (ACRE)	SLOPE AREA (ACRE)
ROUTE	356+35 -	362+21	LT	0.3921	0.4117
FAS 2194	355+00 -	362+21	RT	0.3020	0.3171
				SUBTOTAL =	0.75

	STATION LIMITS BEGIN	END	SIDE	FLAT AREA (ACRE)	SLOPE AREA (ACRE)
	486+50 -	488+15	RT	0.0648	0.0680
ROUTE	491+50 -	492+20	LT	0.0158	0.0166
FAS 189	494+00 -	502+00	LT	0.4603	0.4833
	494+00 -	502+00	RT	0.5056	0.5309
				SUBTOTAL =	1.25
				TOTAL =	2.00 ACRE

25000400 NITROGEN FERTILIZER NUTRIENT

	STATION LIMITS BEGIN	END	SIDE	POUNDS
ROUTE	356+35 -	362+21	LT	76.47
FAS 2194	355+00 -	362+21	RT	78.13
			SUBTOTAL =	155.00

	STATION LIMITS BEGIN	END	SIDE	POUNDS
	486+50 -	488+15	RT	24.50
ROUTE	491+50 -	492+20	LT	2.85
FAS 189	494+00 -	502+00	LT	85.89
	494+00 -	502+00	RT	89.14
			SUBTOTAL =	202.00
			TOTAL =	357.00 POUND

25000500 PHOSPHORUS FERTILIZER NUTRIENT

	STATION LIMITS BEGIN	END	SIDE	POUNDS
ROUTE	356+35 -	362+21	LT	76.47
FAS 2194	355+00 -	362+21	RT	78.13
			SUBTOTAL =	155.00

	STATION LIMITS BEGIN	END	SIDE	POUNDS
	486+50 -	488+15	RT	24.50
ROUTE	491+50 -	492+20	LT	2.85
FAS 189	494+00 -	502+00	LT	85.89
	494+00 -	502+00	RT	89.14
			SUBTOTAL =	202.00
			TOTAL =	357.00 POUND

25000600 POTASSIUM FERTILIZER NUTRIENT

	STATION LIMITS BEGIN	END	SIDE	POUNDS
ROUTE	356+35 -	362+21	LT	76.47
FAS 2194	355+00 -	362+21	RT	78.13
			SUBTOTAL =	155.00

	STATION LIMITS BEGIN	END	SIDE	POUNDS
	486+50 -	488+15	RT	24.50
ROUTE	491+50 -	492+20	LT	2.85
FAS 189	494+00 -	502+00	LT	85.89
	494+00 -	502+00	RT	89.14
			SUBTOTAL =	202.00
			TOTAL =	357.00 POUND

25000750 MOWING

	STATION LIMITS BEGIN	END	SIDE	FLAT AREA (ACRE)	SLOPE AREA (ACRE)
ROUTE	356+35 -	362+21	LT	0.8173	0.8417
FAS 2194	355+00 -	362+21	RT	0.8319	0.8568
				SUBTOTAL =	1.70

	STATION LIMITS BEGIN	END	SIDE	FLAT AREA (ACRE)	SLOPE AREA (ACRE)
	486+50 -	488+15	RT	0.2631	0.2710
ROUTE	491+50 -	492+20	LT	0.0304	0.0313
FAS 189	494+00 -	502+00	LT	0.9176	0.9450
	494+00 -	502+00	RT	0.9518	0.9803
			SUBTOTAL =	2.23	
			TOTAL =	4	ACRE

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - BJN	REVISED -	
	DRAWN - HJD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 15:24	DATE - 3/15/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	12
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

25100125 MULCH, METHOD 3

	STATION LIMITS BEGIN		END	SIDE	FLAT AREA (ACRE)	SLOPE AREA (ACRE)
ROUTE	356+35	-	362+21	LT	0.8013	0.8333
FAS 2194	355+00	-	362+21	RT	0.8147	0.8472
				SUBTOTAL =	1.75	

	STATION LIMITS BEGIN		END	SIDE	FLAT AREA (ACRE)	SLOPE AREA (ACRE)
	486+50	-	488+15	RT	0.2521	0.2622
ROUTE	491+50	-	492+20	LT	0.0272	0.0283
FAS 189	494+00	-	502+00	LT	0.8927	0.9284
	494+00	-	502+00	RT	0.9344	0.9717
				SUBTOTAL =	2.25	
				TOTAL =	4.00	ACRE

25100630 EROSION CONTROL BLANKET

	STATION LIMITS BEGIN		END	SIDE	AREA (SY)
ROUTE	356+35	-	362+21	LT	80.777
FAS 2194	355+00	-	362+21	RT	88.665
				SUBTOTAL =	170

	STATION LIMITS BEGIN		END	SIDE	AREA (SY)
	486+50	-	488+15	RT	51.762
ROUTE	491+50	-	492+20	LT	15.725
FAS 189	494+00	-	502+00	LT	129.463
	494+00	-	502+00	RT	87.688
				SUBTOTAL =	285
				TOTAL =	455 SQ YD

25100900 TURF REINFORCEMENT MAT

	STATION LIMITS BEGIN		END	SIDE	AREA (SY)
ROUTE					
FAS 2194	359+75	-	360+55	RT	137.299
				SUBTOTAL =	138

	STATION LIMITS BEGIN		END	SIDE	AREA (SY)
ROUTE					
FAS 189	496+33	-	497+13	RT	92.128
				SUBTOTAL =	93
				TOTAL =	231 SQ YD

28000250 TEMPORARY EROSION CONTROL SEEDING

	STATION LIMITS BEGIN		END	SIDE	POUNDS
ROUTE	356+35	-	362+21	LT	96.86
FAS 2194	355+00	-	362+21	RT	98.97
				SUBTOTAL =	196.00

	STATION LIMITS BEGIN		END	SIDE	POUNDS
	486+50	-	488+15	RT	31.04
ROUTE	491+50	-	492+20	LT	3.61
FAS 189	494+00	-	502+00	LT	108.79
	494+00	-	502+00	RT	112.91
				SUBTOTAL =	256.50
				TOTAL =	452.50 POUND

28000305 TEMPORARY DITCH CHECKS

	STATION LIMITS BEGIN		END	SIDE	FOOT
ROUTE	356+38	-	362+21	LT	302.611
FAS 2194	356+38	-	362+21	RT	417.272
				SUBTOTAL =	720

	STATION LIMITS BEGIN		END	SIDE	FOOT
ROUTE	494+00	-	500+75	LT	69.353
FAS 189	494+00	-	500+75	RT	297.013
				SUBTOTAL =	367
				TOTAL =	1087 FOOT

28000315 AGGREGATE DITCH CHECKS

	STATION LIMITS BEGIN		END	SIDE	TON
ROUTE					
FAS 2194	356+38	-	362+21	LT	117.810
				SUBTOTAL =	118

	STATION LIMITS BEGIN		END	SIDE	TON
ROUTE	494+00	-	500+75	LT	628.320
FAS 189	494+00	-	500+75	RT	431.970
				SUBTOTAL =	1,061
				TOTAL =	1,179 TON

28000400 PERIMETER EROSION BARRIER

	STATION LIMITS BEGIN		END	SIDE	FOOT
ROUTE	356+35	-	362+21	LT	507.3364
FAS 2194	355+00	-	362+21	RT	657.8629
				SUBTOTAL =	1,166

	STATION LIMITS BEGIN		END	SIDE	FOOT
	486+50	-	488+15	RT	167.5367
ROUTE	491+50	-	492+20	LT	51.8173
FAS 189	494+00	-	502+00	LT	702.2205
	494+00	-	502+00	RT	656.4136
				SUBTOTAL =	1,578
				TOTAL =	2,744 FOOT

28000500 INLET AND PIPE PROTECTION

	STATION LIMITS BEGIN		END	SIDE	EACH
ROUTE	358+00	-	359+00	RT	1
FAS 2194	360+00	-	361+00	RT	3
	361+00	-	362+00	LT	1
				SUBTOTAL =	5

	STATION LIMITS BEGIN		END	SIDE	EACH
	486+50	-	487+00	RT	2
ROUTE	496+00	-	497+00	RT	3
FAS 189	499+00	-	500+00	LT	1
	500+00	-	500+75	RT	1
				SUBTOTAL =	7
				TOTAL =	12 EACH

28100109 STONE RIPRAP, CLASS A5

	STATION LIMITS BEGIN		END	SIDE	AREA (SY)
ROUTE	356+35	-	362+21	LT	147.333
FAS 2194	355+00	-	362+21	RT	147.333
				SUBTOTAL =	295

	STATION LIMITS BEGIN		END	SIDE	AREA (SY)
ROUTE	494+00	-	502+00	LT	147.333
FAS 189	494+00	-	502+00	RT	147.333
				SUBTOTAL =	295
				TOTAL =	590 SQ YD

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - BJN	REVISED -	
	DRAWN - HJD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 16:27	DATE - 3/15/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	13
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

28200200 FILTER FABRIC

	STATION LIMITS BEGIN	END	SIDE	AREA (SY)
ROUTE FAS 2194	356+35	362+21	LT	147.333
	355+00	362+21	RT	147.333
			SUBTOTAL =	295
ROUTE FAS 189	494+00	502+00	LT	147.333
	494+00	502+00	RT	147.333
			SUBTOTAL =	295
			TOTAL =	590 SQ YD

28500400 ARTICULATED BLOCK REVETMENT MAT

	STATION LIMITS BEGIN	END	SIDE	FLAT AREA (SY)	SLOPE AREA (SY)
ROUTE FAS 2194	356+38	357+50	RT	202.800	212.940
			SUBTOTAL =	213.0	
			TOTAL =	213 SQ YD	

35102000 AGGREGATE BASE COURSE, TYPE B 8"

	STATION LIMITS BEGIN	END	SIDE	WIDTH AT SHOULDER (FT)	SHOULDER TO THROAT (FT)	WIDTH AT THROAT THROAT (FT)	THROAT TO TERMINI (FT)	AREA (SF)	AREA (SY)
ROUTE FAS 2194	357+87	358+86	RT	99	20	14	29	1347	150
	360+92	361+54	LT	62	16	30	52	2308	257
							SUBTOTAL =	407	
ROUTE FAS 189	486+94	487+56	RT	62	16	30	10	1041	116
	499+16	499+78	LT	62	16	30	10	1041	116
	499+52	500+14	RT	62	16	30	10	1041	116
							SUBTOTAL =	348	
							SUBTOTAL =	755 SQ YD	

40600290 BITUMINOUS MATERIALS (TACK COAT)

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	QUANTITY	RATE (LB/SF)	TOTAL (LB)
ROUTE FAS 2194	357+87	358+86	RT	135	1	0.25	33
	356+39	362+21	LT/RT	13,369	2	0.05	1,337
	Good Neighbor Policy						137
						SUBTOTAL =	1,507
ROUTE FAS 189	494+00	500+75	LT/RT	15,014	2	0.05	1,502
	Good Neighbor Policy						151
						SUBTOTAL =	1,653
						TOTAL =	3,160 POUND

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)
ROUTE FAS 2194	356+39	356+99	LT/RT	1,440	160
	361+61	362+21	LT/RT	1,440	160
			SUBTOTAL =	320	
ROUTE FAS 189	494+00	494+60	LT/RT	1,440	160
	500+15	500+75	LT/RT	1,440	160
			SUBTOTAL =	320	
			TOTAL =	640 SQ YD	

40602978 HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)	THICKNESS (IN)	UNIT WT (LB/SY/IN)	TOTAL (TON)
ROUTE FAS 2194	356+39	362+21	LT/RT	13,369	1,486	1.75	112	146
	Good Neighbor Policy							15
							SUBTOTAL =	161
ROUTE FAS 189	494+00	500+75	LT/RT	15,014	1,669	1.75	112	164
	Good Neighbor Policy							17
							SUBTOTAL =	181
							TOTAL =	342 TON

40604050 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)	THICKNESS (IN)	UNIT WT (LB/SY/IN)	TOTAL (TON)
ROUTE FAS 2194	356+39	362+21	LT/RT	13,369	1,486	2	112	167
	Good Neighbor Policy							17
							SUBTOTAL =	184
ROUTE FAS 189	494+00	500+75	LT/RT	15,014	1,669	2	112	187
	Good Neighbor Policy							19
							SUBTOTAL =	206
							TOTAL =	390 TON

40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING

	STATION LIMITS BEGIN	END	SIDE	WIDTH AT SHOULDER (FT)	SHOULDER TO THROAT (FT)	WIDTH AT THROAT THROAT (FT)	THROAT TO TERMINI (FT)	AREA (SY)	UNIT WT (LB/SY/IN)	TOTAL (TON)
ROUTE FAS 2194	357+87	358+86	rt	99	20	12	29	135	112	21
	Good Neighbor Policy									3
									SUBTOTAL =	24
									TOTAL =	24 TON

44000157 HOT-MIX ASPHALT SURFACE REMOVAL, 2"

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)
ROUTE FAS 2194	358+32	359+26	RT	1073	120
			SUBTOTAL =	120	
			TOTAL =	120 SQ YD	

44201737 CLASS D PATCHES, TYPE I, 8 INCH

	STATION LIMITS BEGIN	END	AREA (SY)
ROUTE ENTIRE PROJECT	Good Neighbor Policy		50
		SUBTOTAL =	50
		TOTAL =	50 SQ YD

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - BJN	REVISED -	**STATE OF ILLINOIS**	**SCHEDULE OF QUANTITIES**
	DRAWN - HJD	REVISED -	**DEPARTMENT OF TRANSPORTATION**	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -		SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.
PLOT DATE = 16-MAR-2023 14:00	DATE - 3/15/2023	REVISED -		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	14
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

* WHITESIDE & OGLE

44201747 CLASS D PATCHES, TYPE IV, 8 INCH

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)
ROUTE FAS 2194	359+87 -	360+90	LT/RT	2360	263
				SUBTOTAL =	263

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)
ROUTE FAS 189	496+08 -	497+08	LT	2227	248
				SUBTOTAL =	248
				SUBTOTAL =	511 SQ YD

48101600 AGGREGATE SHOULDERS, TYPE B 8"

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)
ROUTE FAS 2194	356+39 -	358+57	RT	724	81
	356+39 -	362+21	LT	2526	281
	358+57 -	362+21	RT	1473	164
				SUBTOTAL =	526

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)
ROUTE FAS 189	486+50 -	488+00	RT	650	73
	494+00 -	500+75	LT	2925	325
	494+00 -	500+75	RT	2925	325
				SUBTOTAL =	723
				TOTAL =	1,249 SQ YD

50100300 REMOVAL OF EXISTING STRUCTURES NO. 1

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE FAS 2194	360+22 -	360+55	LT/RT	1
			SUBTOTAL =	1
			TOTAL =	1 EACH

50100400 REMOVAL OF EXISTING STRUCTURES NO. 2

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE FAS 189	496+46 -	496+64	LT/RT	1
			SUBTOTAL =	1
			TOTAL =	1 EACH

50105220 PIPE CULVERT REMOVAL

	STATION LIMITS BEGIN	END	SIDE	SIZE (IN)	LENGTH (FT)
ROUTE FAS 2194	357+36 -	357+60	RT	24" CMP	24.2
	358+49 -	358+71	RT	24" CMP	21.9
	361+05 -	361+37	LT	24" CMP	32.3
				SUBTOTAL =	79

	STATION LIMITS BEGIN	END	SIDE	SIZE (IN)	LENGTH (FT)
	494+50 -	494+72	LT	12" CMP	22.3
ROUTE FAS 189	494+64 -	494+90	RT	12" CMP	25.1
	499+33 -	499+57	LT	12" CMP	23.9
	499+70 -	499+94	RT	12" CMP	24.0
				SUBTOTAL =	96
				TOTAL =	175 FOOT

51500100 NAME PLATES

ROUTE FAS 2194	Count	1
ROUTE FAS 189	Count	1
	TOTAL =	2 EACH

54001001 BOX CULVERT END SECTIONS, CULVERT NO. 1

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE FAS 2194	360+04 -	360+49	LT	3
	360+29 -	360+74	RT	3
			SUBTOTAL =	6
			TOTAL =	6 EACH

54001002 BOX CULVERT END SECTIONS, CULVERT NO. 2

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE FAS 189	496+31 -	496+69	LT	3
	496+48 -	496+86	RT	3
			SUBTOTAL =	6
			TOTAL =	6 EACH

54011004 PRECAST CONCRETE BOX CULVERTS 10' X 4'

	STATION LIMITS BEGIN	END	SIDE	LEGTH (FT)	QUANTITY	TOTAL LENGTH (FT)
ROUTE FAS 189	496+34 -	496+83	LT/RT	96	3	288
					SUBTOTAL =	288
					TOTAL =	288 FOOT

54011010 PRECAST CONCRETE BOX CULVERTS 10' X 10'

	STATION LIMITS BEGIN	END	SIDE	LEGTH (FT)	QUANTITY	TOTAL LENGTH (FT)
ROUTE FAS 2194	360+14 -	360+64	LT/RT	72	3	216
					SUBTOTAL =	216
					TOTAL =	216 FOOT

542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15"

	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
ROUTE FAS 189	499+18.76 -	499+78.76	LT	60
	499+57.85 -	500+10.85	RT	53
			SUBTOTAL =	113
			TOTAL =	113 FOOT

542D5473 PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"

	STATION LIMITS BEGIN	END	SIDE	LEGTH (FT)	QUANTITY	TOTAL LENGTH (FT)
ROUTE FAS 189	486+96.10 -	487+54.08	RT	58	2	116
					SUBTOTAL =	116
					TOTAL =	116 FOOT

542D5485 PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 30"

	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
ROUTE FAS 2194	358+38.70 -	358+80.50	RT	43
	360+85.00 -	361+46.50	LT	64
			SUBTOTAL =	107
			TOTAL =	107 FOOT

54260515 SLOPED METAL END SECTION, STANDARD 542411, 15", 1:6

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE FAS 189	499+16 -	499+81	LT	2
	499+55 -	500+13	RT	2
			SUBTOTAL =	4
			TOTAL =	4 EACH

54260918 SLOPED METAL END SECTION, STANDARD 542416, 18", 1:6

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE FAS 189	486+94 -	487+57	RT	4
			SUBTOTAL =	4
			TOTAL =	4 EACH

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - BJN	REVISED -	
	DRAWN - HJD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 10:30	DATE - 3/15/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	15
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

54261030 SLOPED METAL END SECTION WITH GRATE, STANDARD 542418, 30", 1:6

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE	358+32 -	358+39	RT	2
FAS 2194	360+78 -	361+54	LT	2
			SUBTOTAL =	4
			TOTAL =	4 EACH

60100060 CONCRETE HEADWALLS FOR PIPE DRAINS

	STATION	LT OFFSET (FT)	RT OFFSET (FT)	QUANTITY (EACH)
ROUTE	359+87	27	28	2
FAS 2194	360+90	28	27	2
			SUBTOTAL =	4

	STATION	LT OFFSET (FT)	RT OFFSET (FT)	QUANTITY (EACH)
ROUTE	496+08	25	25	2
FAS 189	497+08	26	26	2
			SUBTOTAL =	4
			TOTAL =	8 EACH

60108204 PIPE UNDERDRAINS, TYPE 2, 4"

	STATION	LT OFFSET (FT)	RT OFFSET (FT)	LENGTH (FT)
ROUTE	359+87	24	25	49
FAS 2194	360+90	25	25	50
			SUBTOTAL =	99

	STATION	LT OFFSET (FT)	RT OFFSET (FT)	LENGTH (FT)
ROUTE	496+08	22	22	44
FAS 189	497+08	23	23	46
			SUBTOTAL =	90
			TOTAL =	189 FOOT

61133200 FIELD TILE JUNCTION VAULTS, 3' DIA.

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE				
FAS 2194	356+39 -	362+21	LT/RT	2
			SUBTOTAL =	2

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE				
FAS 189	486+50 -	500+75	LT/RT	2
			SUBTOTAL =	2
			TOTAL =	4 EACH

61139900 STORM SEWERS (SPECIAL), 6"

	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
ROUTE				
FAS 2194	356+39 -	362+21	LT/RT	25
			SUBTOTAL =	25

	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
ROUTE				
FAS 189	486+50 -	500+75	LT/RT	25
			SUBTOTAL =	25
			TOTAL =	50 FOOT

61140200 STORM SEWERS (SPECIAL), 12"

	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
ROUTE				
FAS 2194	356+39 -	362+21	LT/RT	25
			SUBTOTAL =	25

	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
ROUTE				
FAS 189	486+50 -	500+75	LT/RT	25
			SUBTOTAL =	25
			TOTAL =	50 FOOT

63200310 GUARDRAIL REMOVAL

ROUTE	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
FAS 2194	359+68 -	361+09	RT	141
	359+69 -	361+09	LT	141
			SUBTOTAL =	282

ROUTE	STATION LIMITS BEGIN	END	SIDE	LENGTH (FT)
FAS 189	496+16 -	496+94	LT	78
	496+16 -	496+94	RT	79
			SUBTOTAL =	157
			TOTAL =	439 FOOT

63500105 DELINEATORS

	STATION	SIDE	EACH
ROUTE	359+89	LT/RT	2
FAS 2194	360+38.96	LT/RT	2
	360+89	LT/RT	2
		SUBTOTAL =	6

	STATION	SIDE	EACH
ROUTE	496+08	LT/RT	2
FAS 189	496+58.54	LT/RT	2
	497+08	LT/RT	2
		SUBTOTAL =	6
		TOTAL =	12 EACH

66600105 FURNISHING AND ERECTING RIGHT OF WAY MARKERS

	STATION	SIDE	OFFSET (FT)	EACH
	355+00.00 -	RT	40	1
	356+35.00 -	LT	40	1
	357+00.00 -	RT	70	1
	357+42.40 -	LT	60	1
	357+43.75 -	RT	60	1
ROUTE	359+00.00 -	LT	60	1
FAS 2194	359+50.00 -	RT	60	1
	359+70.00 -	LT	115	1
	360+30.00 -	RT	130	1
	360+50.00 -	LT	130	1
	360+95.00 -	RT	115	1
	361+75.00 -	RT	60	1
	362+21.10 -	LT	60	1
			SUBTOTAL =	13

	STATION	SIDE	OFFSET (FT)	EACH
	494+00.00 -	LT	40	1
	494+50.00 -	RT	50	1
	495+50.00 -	RT	60	1
	495+75.00 -	LT	80	1
	496+05.00 -	LT	105	1
	496+35.00 -	RT	115	1
	496+85.00 -	LT	115	1
ROUTE	497+15.00 -	RT	105	1
FAS 189	497+25.00 -	LT	85	1
	497+50.00 -	RT	80	1
	498+75.00 -	LT	50	1
	498+75.00 -	RT	55	1
	500+00.00 -	LT	60	1
	500+00.00 -	RT	60	1
	502+00.00 -	LT	40	1
	502+00.00 -	RT	40	1
			SUBTOTAL =	16
			TOTAL =	29 EACH

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - BJN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES
	DRAWN - HJD	REVISED -		
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -		
PLOT DATE = 16-MAR-2023 10:30	DATE - 3/15/2023	REVISED -		SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	16
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

* WHITESIDE & OGLE

66700305 PERMANENT SURVEY MARKERS, TYPE II

	STATION	EACH
ROUTE		
FAS 2194	SN 098-2026	1
	SUBTOTAL =	1

	STATION	EACH
ROUTE		
FAS 189	SN 071-2028	1
	SUBTOTAL =	1
	TOTAL =	2 EACH

72000100 SIGN PANEL - TYPE 1

	STATION	SIDE	SIGN TYPE	SIZE	AREA (SQ FT)
ROUTE					
FAS 2194	360+10	RT	D1-1	60"X18"	7.5
				SUBTOTAL =	7.5
				TOTAL =	7.5 SQ FT

72400100 REMOVE SIGN POST ASSEMBLY - TYPE A

	STATION	SIDE	SIGN TYPE	QUANTITY (EACH)
	360+10	RT	Destination	1
ROUTE	360+22	LT	Object Marker	1
FAS 2194	360+22	RT	Object Marker	1
	360+54	LT	Object Marker	1
	360+54	RT	Object Marker	1
			SUBTOTAL =	5
			TOTAL =	5 EACH

72800100 TELESCOPING STEEL SIGN SUPPORT

	STATION	SIDE	SIGN TYPE	NUMBER OF POSTS	LENGTH (FT)	QUANTITY (FOOT)
ROUTE				1	10.00	10
FAS 2194	360+10	RT	Destination	1	11.00	11
				2	5.00	10
					SUBTOTAL =	31
					TOTAL =	31 FOOT

78001110 PAINT PAVEMENT MARKING - LINE 4"

	STATION LIMITS BEGIN	END	SIDE	REMARKS	LENGTH (FT)	QUANTITY	LENGTH (FT)
ROUTE	356+39 -	362+21	LT/RT	2x White	582	2 (2 COATS)	2,328
FAS 2194	356+39 -	362+21	LT/RT	4" Y NB Pass	727.5	1 (2 COATS)	1,455
						SUBTOTAL =	3,783

	STATION LIMITS BEGIN	END	SIDE	REMARKS	LENGTH (FT)	QUANTITY	LENGTH (FT)
ROUTE	494+00 -	500+75	LT/RT	2x White	675	2 (2 COATS)	2,700
FAS 189	494+00 -	500+75	LT/RT	DBL Yellow	675	2 (2 COATS)	2,700
						SUBTOTAL =	5,400
						TOTAL =	9,183 FOOT

Z0004405 HOT-MIX ASPHALT SCARIFICATION

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)
ROUTE					
FAS 2194	356+39 -	362+21	LT/RT	13,369	1,486
				SUBTOTAL =	1,486

	STATION LIMITS BEGIN	END	SIDE	AREA (SF)	AREA (SY)
ROUTE					
FAS 189	494+00 -	500+75	LT/RT	15,014	1,669
				SUBTOTAL =	1,669
				TOTAL =	3,155 SQ YD

Z0018700 DRAINAGE STRUCTURE TO BE REMOVED

	STATION LIMITS BEGIN	END	SIDE	EACH
ROUTE				
FAS 2194	357+24 -	357+37	RT	1
			SUBTOTAL =	1
			TOTAL =	1 EACH

Z0020900 ESTABLISHING AND REFERENCING LAND SECTION MARKERS

	STATION	SIDE	OFFSET (FT)	EACH
ROUTE	495+52.90	RT	6.69	1
FAS 189	496+82.20	RT	6.86	1
			SUBTOTAL =	2
			TOTAL =	2 EACH

Z0025505 PROPERTY MARKERS

	STATION	SIDE	OFFSET (FT)	EACH
ROUTE				
FAS 2194	362+05.76	RT	60	1
			SUBTOTAL =	1

	STATION	SIDE	OFFSET (FT)	EACH
ROUTE				
FAS 189	495+54.75	LT	75.37	1
			SUBTOTAL =	1
			TOTAL =	2 EACH

	EARTHWORK							
	20200100	50200100				20300100	20201200	21101615
LOCATION	EARTH EXCAVATION (CU YD)	STRUCTURE EXCAVATION (CU YD)	ADJUSTED EARTH EX AND STRUCTURE EX (25% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	CHANNEL EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (SQ YD)
SN 098-2026	2,240	3,024	3,948	1,660	2,288	741	714	5,535
SN 071-2028	860	1,262	1,592	2,768	-1,176	227	609	6,480
TOTAL	3,100	4,286	5,540	4,428	1,112	968	1,323	12,015

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - BJN	REVISED -	
	DRAWN - HJD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 10:30	DATE - 3/15/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	17
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

POINT 401 ELEV 708.1378
24.42' RT, STA 357+29.44
CUT "□" SOUTH HEADWALL

POINT 402 ELEV 704.8791
19.34' RT, STA 360+22.51
CUT "□" SOUTHEAST WINGWALL

MARY HELEN WADE
05-15-200-004

MARY HELEN WADE
05-15-200-003

MARY HELEN WADE
05-14-100-004

JIM C VEST
05-14-100-002

MARY HELEN WADE
05-14-100-001

JORDAN CREEK

HSE

FREEPORT RD

EXISTING ROW

PROPOSED ROW

PROPOSED EASEMENT

CHANNEL TIES IN STA 5+79.81

AGGREGATE SHOULDERS, TYPE B, 8 INCH

4" PIPE UNDERDRAIN, TYPE 2 @ 2%, CONCRETE HEADWALL AND DELINEATOR

PROJECT/IMPROVEMENT BEGINS STA. 356+39

GUARDRAIL REMOVAL

PIPE CULVERTS, CLASS D, TYPE 1
EQUIVALENT ROUND - SIZE 30"
64' CORRUGATED METAL @ 5%
STA. 360+85, 80.01' LT, DSFL=692.41
STA. 361+46.5, 63.81' LT, USFL=695.60
SLOPED METAL END SECTION WITH GRATE, STANDARD 542416, 30", 1:6

FE+22.96 AGGREGATE BASE COURSE, TYPE B, 8"

PIPE CULVERT REMOVAL (24" CMP, 32.3')

4" PIPE UNDERDRAIN, TYPE 2 @ 2%, CONCRETE HEADWALL AND DELINEATOR

CLASS D PATCHES TYPE IV, 8" 359+87 TO STA. 360+90

IMPROVEMENT ENDS STA. 362+21

STA. 360+38.96 REMOVAL OF EX STRUCTURE NO. 1 (ESN 098-0049) PSN 098-2026
PR TRIPLE PRECAST CONCRETE BOX CULVERT 10'X10'X72'
SKEW= 12°00'00" RT AH
USFL= 689.30, DSFL=689.05
TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION

CONFLICT

PROPOSED EASEMENT

CHANNEL TIES IN STA. 8+95.76

REMOVE & RELOCATE (SEE GEN NOTES)

CONFLICT @ PROPOSED EASEMENT

PIPE CULVERTS, CLASS D, TYPE 1
EQUIVALENT ROUND - SIZE 30"
43' CORRUGATED METAL @ 4.00%
STA. 358+38.7, 34.57' RT, USFL=703.42
STA. 358+80.5, 37.45' RT, DSFL=701.70
SLOPED METAL END SECTION WITH GRATE, STANDARD 542416, 30", 1:6

REMOVAL OF EXISTING DRAINAGE STRUCTURE STA. 357+24 TO STA. 357+37

357+43.60 FE REMOVAL

PIPE CULVERT REMOVAL (24" CMP, 24.22')

PIPE CULVERT REMOVAL (24" CMP, 21.9')

PE+59.32
AGGREGATE BASE COURSE, TYPE B, 8"
INCIDENTAL HOT MIX ASPHALT SURFACING

EXIST. CURVE FAS189(2010)_68
PI STA. = 365+22.79
Δ = 38° 38' 10" (RT)
D = 6° 39' 27"
R = 860.62'
T = 301.69'
L = 580.34'
E = 51.35'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 362+21.10
P.T. STA. = 368+01.44

LEGEND & NOTES

- TREE REMOVAL
- CONSTRUCTION LIMITS
- ARTICULATED BLOCK REVETMENT MAT
- STONE RIPRAP, CLASS A5 FILTER FABRIC
- 1:12 TURF SHOULDER TRANSITION
- 1:6 DITCH TRANSITIONS

STA 356+50 TO 362+25	
EARTH EX	2,240 CU YD
STRUCTURE EX	3,024 CU YD
ADJUSTED EARTH (AND STRUCTURE) EX	3,948 CU YD
UNSUITABLE MATERIAL	714 CU YD
EMBANKMENT	1,660 CU YD
CHANNEL EX	741 CU YD
WASTE (+) OR SHORTAGE (-)	2,288 CU YD
TOPSOIL FURNISH AND PLACE, 4"	5,535SQ YD

EX ROADWAY PROFILE ON CL

LEFT DITCH PROFILE

PR ROADWAY PROFILE ON CL

CLASS D PATCHES TYPE IV, 8"

POROUS GRANULAR EMBANKMENT

PR TRIPLE PRECAST CONCRETE BOX CULVERT 10'X10'X72'
PSN 098-2026
USFL= 689.30, DSFL=689.05, SKEW= 12°00'00"

STONE RIPRAP, CLASS A5 W/ BEDDING AND FILTER FABRIC

PIPE CULVERT
EQUIVALENT ROUND - SIZE 30"
SLOPED METAL END SECTION WITH GRATE, 1:6

STA. 360+85, 80.01' LT
DSFL=692.41

STA. 361+46.5, 63.81' LT
USFL=695.60

	USER NAME = $USER$	DESIGNED - JC	REVISED -
		DRAWN - HD	REVISED -
	PLOT SCALE = SCALE: 1:100	CHECKED - PAT	REVISED -
	PLOT DATE = 16-MAR-2023 09:26	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD. PROPOSED PLAN & LEFT DITCH PROFILE
S.N. 098–2026

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 351+00 TO STA. 366+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	18
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

WHITESIDE & OGLE

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK NO.____, CADD FILE NAME ____, BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, E.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK NO.____, BY, DATE

MODEL: $MODELNAME$
FILE NAME: $FILE1$

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

PROFILE
SURVEYED
PLOTTED
CROSSINGS CHECKED
E&A. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

PROJECT/IMPROVEMENT BEGINS
STA. 356+39

IMPROVEMENT ENDS
STA. 362+21

EXISTING UTILITIES TO BE
VERIFIED IN THE FIELD

356+50.00
25.23' RT

356+50.00
41.48' RT

356+75.00
30.97' RT

356+75.00
55.87' RT

357+00.00
60.43' RT

357+25.00
31.73' RT

357+25.00
54.18' RT

358+62.34
60.00' RT

360+37.94
86.29' RT

360+31.22
114.43' RT

360+46.23
34.08' RT

360+75.10
78.37' RT

360+93.24
101.09' RT

359+84.21
103.34' LT

360+46.81
116.68' LT

360+39.51
88.54' LT

361+46.50
63.81' LT

360+02.35
80.62' LT

360+31.22
36.33' LT

12KV OH

FO

PIPE CULVERT
EQUIVALENT ROUND - SIZE 30"
SLOPED METAL END SECTION WITH GRATE,
1:6

EX. ROADWAY PROFILE ON CL

PR ROADWAY PROFILE ON CL

CLASS D PATCHES TYPE IV, 8"

-5.46%
-7.68%
-3.25%
-3.39%
-3.78%
-3.56%
4.46%
2.86%
-4.00%
-3.55%
-8.31%
+6.15%
+1.09%

+39.00
712.58
+25.00
EL. 703.97
EL. 703.42
EL. 701.70
+87.
+90.
+21.10
+50.00
EL. 711.21
+75.00
EL. 709.29
+00.00
EL. 708.48
+25.00
EL. 707.64
+50.00
EL. 706.69
+75.00
EL. 705.80
+00.00
EL. 704.68
STA. 358+38.70, 34.57' RT
USFL=703.42
STA. 358+80.50, 37.45' RT
DSFL=701.70
700.97
698.43
+75.00
EL. 697.54
691.82
+50.00
EL. 696.44
696.71
692.39

POROUS GRANULAR
EMBANKMENT

PR TRIPLE PRECAST CONCRETE BOX CULVERT 10'X10'X72'
PSN 098-2026
USFL= 689.30, DSFL=689.05, SKEW= 12°00'00"

STONE RIPRAP, CLASS A5
W/ BEDDING AND FILTER FABRIC

719.30
715.40
711.43
711.60
707.92
708.21
705.50
705.77
704.32
704.59
704.36
704.63
704.60
704.66
705.10
706.17
707.98

355+00 356+00 357+00 358+00 359+00 360+00 361+00 362+00 363+00 364+00 365+00

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:100	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:26	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD. PROPOSED PLAN & RIGHT DITCH PROFILE
S.N. 098–2026

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 351+00 TO STA. 366+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	19
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

NORBERT JAKOBS
05-12-200-002

NORBERT JAKOBS
05-12-400-002

MELVIN & ELAINE HAAK
20-07-100-003

MELVIN & ELAINE HAAK
20-07-100-003

OVERHEAD TRANSMSSION LINES
CLASS D PATCHES TYPE IV, 8"
STA. 496+08 - 497+08
CONFLICT
PIPE CULVERT REMOVAL (12" CMP, 22.3')
FE REMOVAL +57 LT
AGGREGATE SHOULDERS, TYPE B, 8 INCH
GUARDRAIL REMOVAL
FE REMOVAL +85.45 LT
PROPOSED EASEMENT
CHANNEL TIES IN STA. 5+75
PIPE CULVERTS, CLASS D, TYPE 1, 15"
60' CORRUGATED METAL @ 4.75%
STA. 499+18.76, 29.17' LT, DSFL=754.92
STA. 499+78.76, 29.17' LT, USFL=757.77
SLOPED METAL END SECTION
STANDARD 542411, 15", 1:6
FE+45.82 AGGREGATE BASE COURSE, TYPE B
PIPE CULVERT REMOVAL (12" CMP, 23.9')
CONFLICT
IMPROVEMENT ENDS STA. 502+00
IMPROVEMENT BEGINS STA. 486+50
PI Sta 486+45.42
PT Sta 487+26.26
EXIST. CURVE FAS1189(2010)_88
EXISTING ROW
12KV OH
PROPOSED ROW
FREEPORT RD
PROJECT ENDS STA. 500+75
PROPOSED EASEMENT
DOUBLE PIPE CULVERTS, CLASS D, TYPE 1
EQUIVALENT ROUND - SIZE 18"
58' CORRUGATED METAL @ 0.50%
STA. 486+96.10, 30.10' RT, USFL=756.04
STA. 487+54.08, 28.29' RT, DSFL=755.75
SLOPED METAL END SECTION,
STANDARD 542416, 18", 1:6
FE+25.00 AGGREGATE BASE COURSE, TYPE B, 8"
PIPE CULVERT REMOVAL (12" CMP, 25.1')
FE REMOVAL +76 RT
4" PIPE UNDERDRAIN, TYPE 2 @ 2%, CONCRETE HEADWALL AND DELINEATOR
STA. 496+58.54 REMOVAL OF EX STRUCTURE NO. 2 (ESN 071-1001) PSN 071-2028
PR TRIPLE PRECAST CONCRETE BOX CULVERT 10'X4'X96'
SKEW= 8°00'00" RT AH
USFL= 734.04, DSFL=733.56
TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION
PIPE CULVERT REMOVAL (12" CMP, 24.01')
FE+82.91 AGGREGATE BASE COURSE, TYPE B, 8"
PIPE CULVERTS, CLASS D, TYPE 1, 15"
53' CORRUGATED METAL @ 4.00%
STA. 499+57.85, 32.65' RT, DSFL=756.49
STA. 500+10.85, 32.65' RT, USFL=758.61
SLOPED METAL END SECTION
STANDARD 542411, 15", 1:6
4" PIPE UNDERDRAIN, TYPE 2 @ 2%, CONCRETE HEADWALL AND DELINEATOR
PROPOSED EASEMENT
CHANNEL TIES IN STA. 9+25
L = 350.00'
K = 30.70

LEGEND & NOTES

- TREE REMOVAL
- CONSTRUCTION LIMITS
- ARTICULATED BLOCK REVETMENT MAT
- STONE RIPRAP, CLASS A5 FILTER FABRIC
- 1:12 TURF SHOULDER TRANSITION
- 1:6 DITCH TRANSITIONS

STA 494+00 TO 501+00	
EARTH EX	860 CU YD
STRUCTURE EX	1,262 CU YD
ADJUSTED EARTH (AND STRUCTURE) EX	1,592 CU YD
UNSUITABLE MATERIAL	609 CU YD
EMBANKMENT	2,768 CU YD
CHANNEL EX	227 CU YD
WASTE (+) OR SHORTAGE (-)	-1,176 CU YD
TOPSOIL FURNISH AND PLACE, 4"	6,480SQ YD

EX ROADWAY PROFILE ON CL
PR ROADWAY PROFILE ON CL
CLASS D PATCHES TYPE IV, 8"
LT DITCH PROFILE
POROUS GRANULAR EMBANKMENT
STONE RIPRAP, CLASS A5 W/ BEDDING AND FILTER FABRIC
PR TRIPLE PRECAST CONCRETE BOX CULVERT 10'X4'X96'
PSN 071-2028
USFL=734.04, DSFL=733.56, SKEW= 8°00'00"
PIPE CULVERTS 15" SLOPED METAL END SECTION 1:6
VPC 493+75.00 EL. 755.34
VPC 501+37.30 EL. 765.23
VPC 497+87.30 EL. 756.23
VPC 497+75.00 EL. 750.31
L = 400.00' K = 68.97
L = 350.00' K = 30.70
751.63
762.21
STA. 499+18.76, 29.17' LT DSFL=754.92
STA. 499+78.76, 29.17' LT USFL=757.77

759.09 758.99 759.29 760.17 760.48 759.86 757.91 754.19 749.71 749.99 746.65 746.93 747.21 747.49 751.10 751.41 756.64 756.95 761.40 761.08 764.42

487+00 488+00 489+00 490+00 491+00 492+00 493+00 494+00 495+00 496+00 497+00 498+00 499+00 500+00 501+00

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
R/L OF WAY CHECKED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
NOTE BOOK
NO.
BM. NOTED
STRUCTURE NO'S/ATN'S CHKD
BY
DATE

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:100	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:26	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD. PROPOSED PLAN & LEFT DITCH PROFILE
S.N. 071-2028

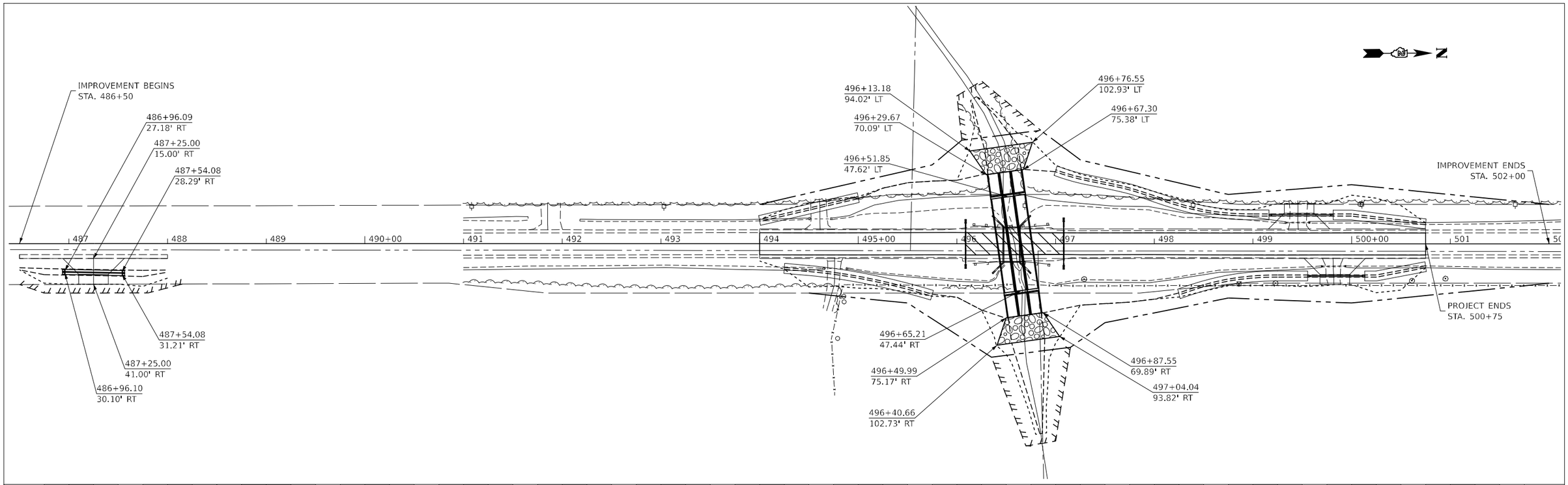
SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 486+25 TO STA. 501+25

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	20
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

WHITESIDE & OGLE

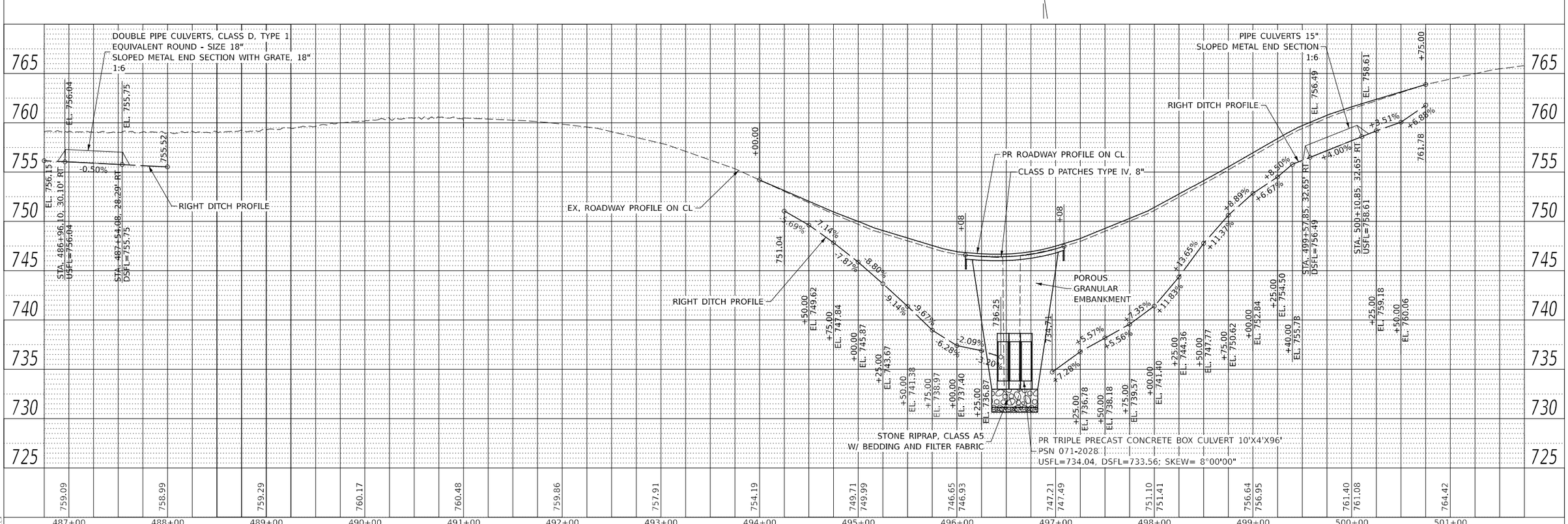
PLAN

SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE



PROFILE

SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/W, NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE



MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:100	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:26	DATE - 3/14/2023	REVISED -

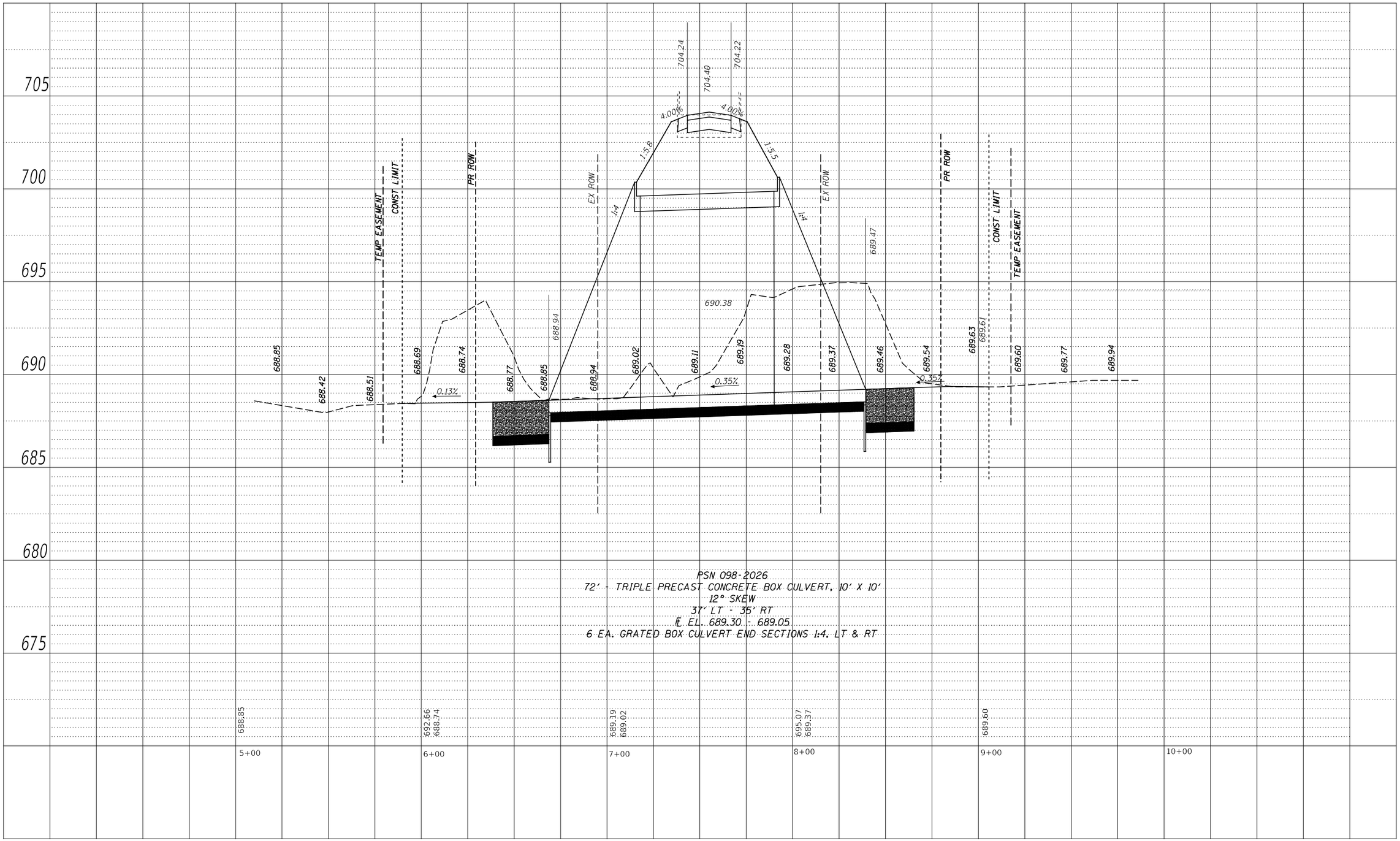
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD. PROPOSED PLAN & RIGHT DITCH PROFILE
S.N. 071-2028

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 486+25 | TO STA. 501+25

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	21
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
S.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - MW	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:100	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:26	DATE - 3/14/2023	REVISED -	

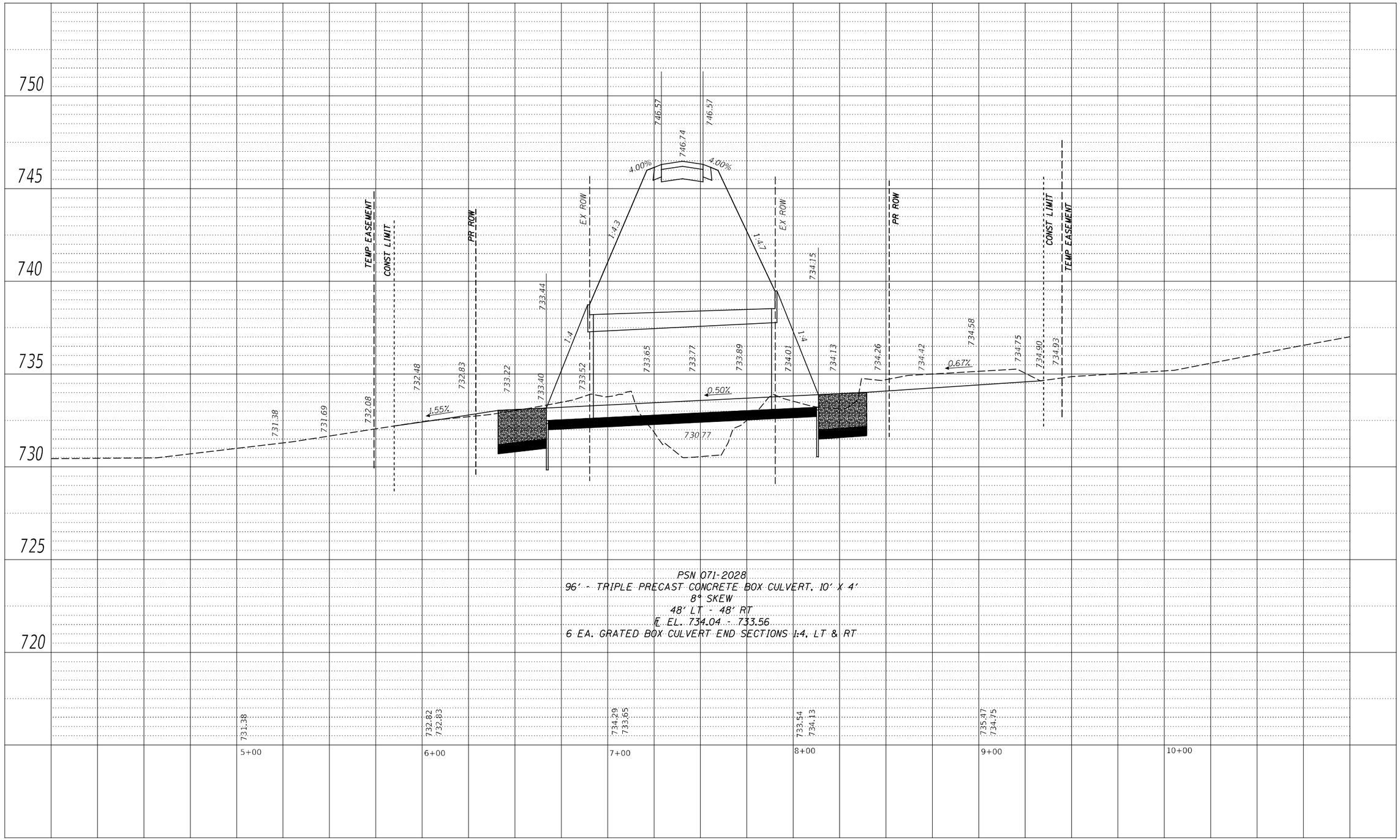
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHANNEL PROFILES
S.N. 098-2026

SCALE: 1"=25' | SHEET 1 OF 1 SHEETS | STA. 4+00 | TO STA. 11+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	22
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

WHITESIDE & OGLE



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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
DRA. NOTED
STRUCTURE NO(S)&TA'S CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - MW	REVISED -	**STATE OF ILLINOIS**
	DRAWN - HD	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = SCALE: 1:100	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:26	DATE - 3/14/2023	REVISED -	

CHANNEL PROFILES
S.N. 071–2028

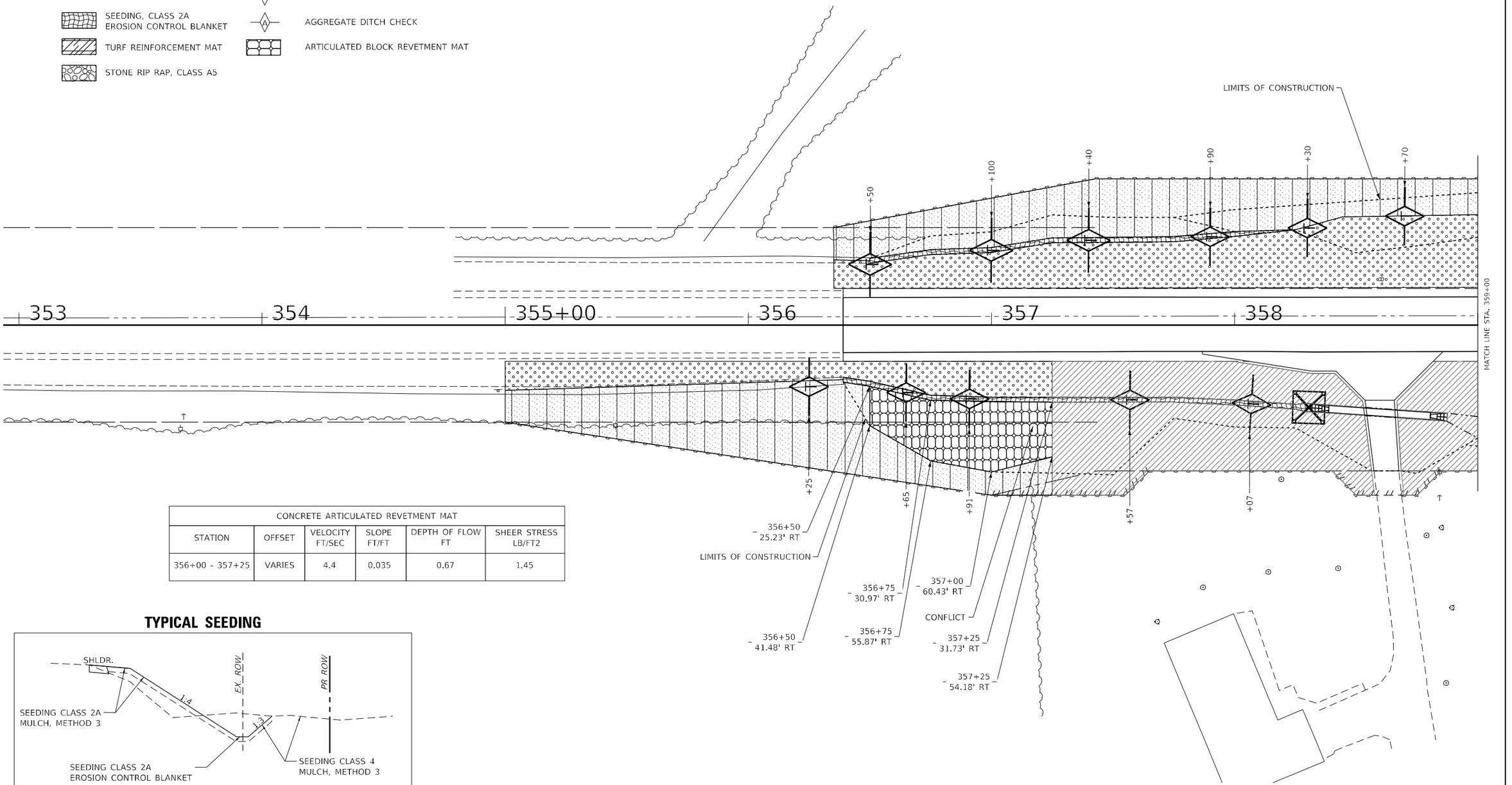
SCALE: 1"=25' | SHEET 1 OF 1 SHEETS | STA. 4+00 | TO STA. 11+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	23
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

WHITESIDE & OGLE

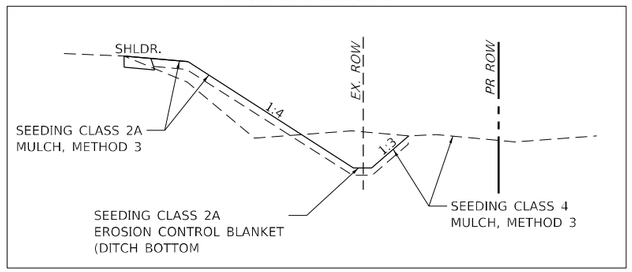
LEGEND

- SEEDING CLASS 1A, MULCH METHOD 3
- SEEDING CLASS 2A, MULCH METHOD 3
- SEEDING, CLASS 4, MULCH, METHOD 3
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- STONE RIP RAP, CLASS A5
- PEREMITER EROTION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS
- AGGREGATE DITCH CHECK
- ARTICULATED BLOCK REVETMENT MAT



CONCRETE ARTICULATED REVETMENT MAT					
STATION	OFFSET	VELOCITY FT/SEC	SLOPE FT/FT	DEPTH OF FLOW FT	SHEER STRESS LB/FT2
356+00 - 357+25	VARIES	4.4	0.035	0.67	1.45

TYPICAL SEEDING



MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Crk\0_IDOT\CAD_Sheets\D2_64F57_SHT_ECP_01.dgn

USER NAME = gdc	DESIGNED - ACG	REVISED - ACG	
	DRAWN - ACG	REVISED - GDC	
PLOT SCALE = 40.000 ' / in.	CHECKED - DAR	REVISED - DAR	
PLOT DATE = 3/16/2023	DATE - 2/13/2023	REVISED - 3/14/2023	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD. PROPOSED EROSION CONTROL PLAN
STRUCTURE NUMBER 098–2026

SCALE: 1:20 | SHEET 1 OF 5 SHEETS | STA. 353+00 | TO STA. 359+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	24
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

LEGEND

- SEEDING CLASS 1A MULCH METHOD 3
- SEEDING CLASS 2A MULCH METHOD 3
- SEEDING, CLASS 4 MULCH, METHOD 3
- SEEDING, CLASS 2A EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- STONE RIP RAP, CLASS A5
- PEREMITER EROTION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS
- AGGREGATE DITCH CHECK
- ARTICULATED BLOCK REVETMENT MAT

N

4'X4' ECB @ UNDERDRAIN HEADWALL 359+87 27' LT

LIMITS OF CONSTRUCTION

4'X4' ECB @ UNDERDRAIN HEADWALL 360+90 28' LT

+10 +50 +75 +93

MATCH LINE SAT. 359+00

359 360+00 361 FREEPORT RD 362 80+00 363 81 82

364

8.00' 46.00' 34.00' 8.00'

+07

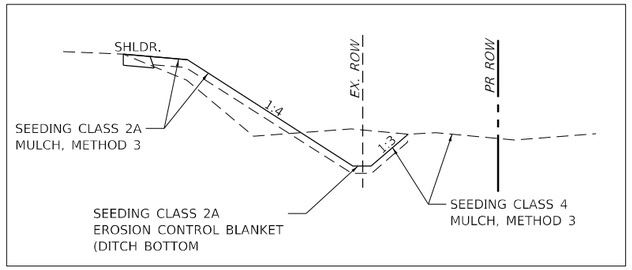
LIMITS OF CONSTRUCTION

4'X4' ECB @ UNDERDRAIN HEADWALL 359+87 28' RT

+101

4'X4' ECB @ UNDERDRAIN HEADWALL 360+90 27' RT

TYPICAL SEEDING



MODEL: Default
FILE NAME: P:\DOL\147.08 Freeport Rd over Jordan Crk_IDOT\CAD Sheets\02_64F57_SHT ECP 02.dgn

USER NAME = gdc	DESIGNED - ACG	REVISED - ACG	
	DRAWN - ACG	REVISED - GDC	
PLOT SCALE = 40.000 ' / in.	CHECKED - DAR	REVISED - DAR	
PLOT DATE = 3/15/2023	DATE - 2/13/2023	REVISED - 3/14/2023	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD. PROPOSED EROSION CONTROL PLANS
STRUCTURE NUMBER 098-2026

1:20 | SHEET 2 OF 5 SHEETS | STA. 359+00 | TO STA. 365+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	25
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

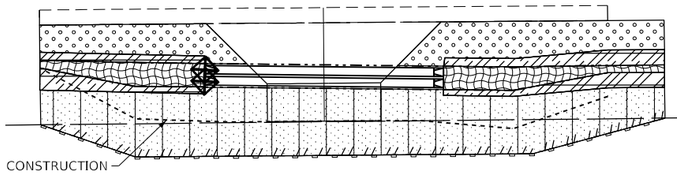
LEGEND

- SEEDING CLASS 1A, MULCH METHOD 3
- SEEDING CLASS 2A, MULCH METHOD 3
- SEEDING, CLASS 4, MULCH, METHOD 3
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- STONE RIP RAP, CLASS A5
- PEREMITER EROTION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS
- AGGREGATE DITCH CHECK
- ARTICULATED BLOCK REVETMENT MAT

N

485+00 | 486 | 487 | 488 | 489 | 490+(

FREEPORT RD



LIMITS OF CONSTRUCTION

MODEL: Default
FILE NAME: P\06-1147.08 Freeport Rd over Jordan C40_IDOT\CAD Sheets\D2_64F57 SHT ECP 03.dgn

USER NAME = gdc	DESIGNED - ACG	REVISED - ACG	
	DRAWN - ACG	REVISED - GDC	
PLOT SCALE = 40.000 ' / in.	CHECKED - DAR	REVISED - DAR	
PLOT DATE = 3/15/2023	DATE - 2/13/2023	REVISED - 3/14/2023	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

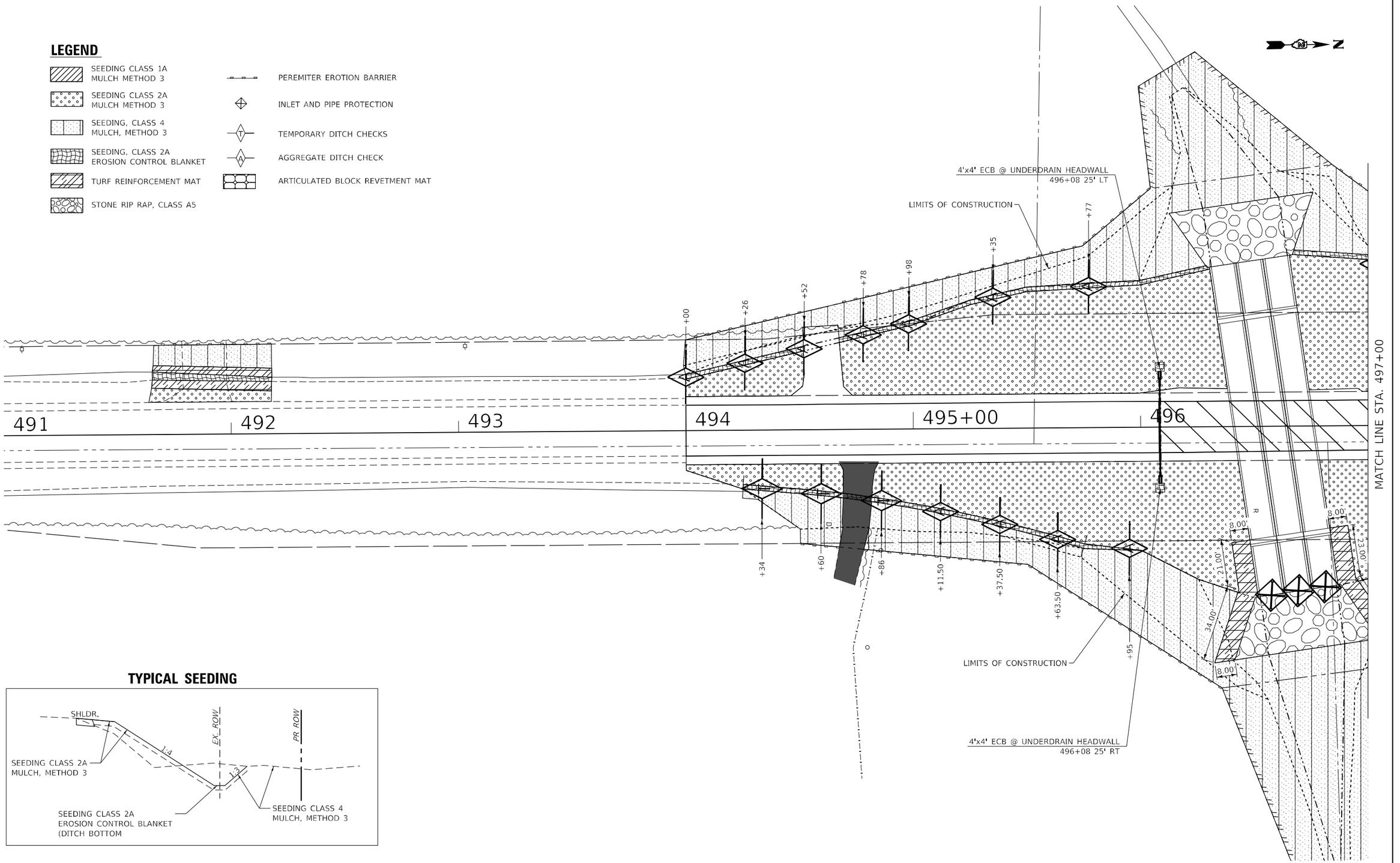
FREEPORT RD. PROPOSED EROSION CONTROL PLAN

SCALE: 1:20 | SHEET 3 OF 5 SHEETS | STA. 485+00 | TO STA. 490+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	26
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

LEGEND

- SEEDING CLASS 1A, MULCH METHOD 3
- SEEDING CLASS 2A, MULCH METHOD 3
- SEEDING, CLASS 4, MULCH, METHOD 3
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- STONE RIP RAP, CLASS A5
- PEREMITER EROTION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS
- AGGREGATE DITCH CHECK
- ARTICULATED BLOCK REVETMENT MAT



TYPICAL SEEDING

MODEL: Default
FILE NAME: P:\20-147.08 Freeport Rd over Jordan Crk_IDOT\CAD Sheets\02 64F57 SHT ECP 04.dgn

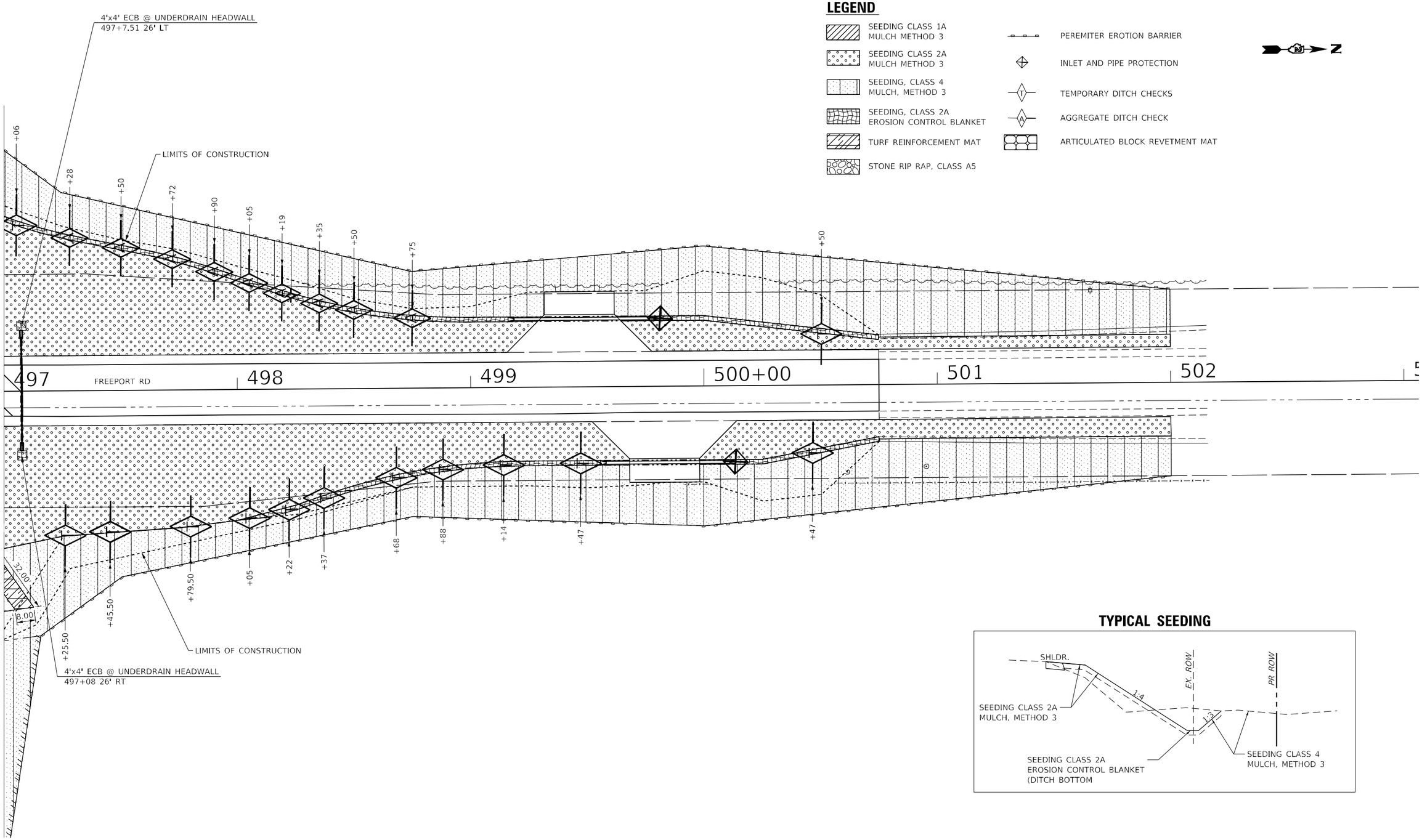
USER NAME = gdc	DESIGNED - ACG	REVISED - ACG	
	DRAWN - ACG	REVISED - GDC	
PLOT SCALE = 40.000 ' / in.	CHECKED - DAR	REVISED - DAR	
PLOT DATE = 3/15/2023	DATE - 2/13/2023	REVISED - 3/14/2023	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD. PROPOSED EROSION CONTROL PLAN
STRUCTURE NUMBER 071–2028

SCALE: 1:20 | SHEET 4 OF 5 SHEETS | STA. 491+00 TO STA. 497+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	27
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- SEEDING CLASS 1A MULCH METHOD 3
- SEEDING CLASS 2A MULCH METHOD 3
- SEEDING, CLASS 4 MULCH, METHOD 3
- SEEDING, CLASS 2A EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT
- STONE RIP RAP, CLASS A5
- PEREMITER EROTION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS
- AGGREGATE DITCH CHECK
- ARTICULATED BLOCK REVETMENT MAT

N Z

TYPICAL SEEDING

MODEL: Default
FILE NAME: P:\20-147.08 Freeport Rd over Jordan Crk_IDOT\CAD Sheets\02 64F57 SHT ECP 05.dgn

USER NAME = gdc	DESIGNED - ACG	REVISED - ACG	
	DRAWN - ACG	REVISED - GDC	
PLOT SCALE = 40.000 ' / in.	CHECKED - DAR	REVISED - DAR	
PLOT DATE = 3/15/2023	DATE - 2/13/2023	REVISED - 3/14/2023	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD. PROPOSED EROSION CONTROL PLAN
STRUCTURE NUMBER 071–2028

SCALE: 1:20 | SHEET 5 OF 5 SHEETS | STA. 497+00 | TO STA. 502+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BCV	WHITESIDE & OGLE	160	28
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

MAINTENANCE OF TRAFFIC NOTES

TRAFFIC CONTROL PLAN NARRATIVE (STRUCTURES #098-0049 & #071-1001)

THE FOLLOWING SUMMARIZES THE STAGING PLAN FOR THE REMOVAL AND REPLACEMENT OF STRUCTURE NUMBER 098-0049 AND STRUCTURE NUMBER 071-1001 AND ALL WORK AT THIS LOCATION. THIS PORTION OF THE CULVERT REMOVAL AND REPLACEMENT PROJECT WILL REQUIRE A FULL CLOSURE OF FAS ROUTES 2194 AND 189 (FREEPORT RD). IT IS VERY IMPORTANT TO ESTABLISH AND MAINTAIN A HEIGHTENED LEVEL OF PUBLIC OUTREACH AND AWARENESS LEADING UP TO AND DURING CONSTRUCTION OPERATIONS. THIS INCLUDES CLOSE COORDINATION WITH THE LOCAL BUSINESSES, RESIDENTS AND EMERGENCY SERVICES.

TRAFFIC CONTROL SHALL BE ACCORDING TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS, THE SUPPLEMENTAL SPECIFICATIONS, THE "ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," ANY SPECIAL DETAILS, AND HIGHWAY STANDARDS CONTAINED IN THE PLANS AND SPECIAL PROVISIONS.

PRE-CLOSURE

THE CLOSING OF FAS ROUTES 2194 AND 189 FOR THE TWO CULVERTS SHALL BE COMPLETED AS SHOWN IN THE CONTRACT PLANS, IDOT HIGHWAY STANDARD 701901, AND DISTRICT 2 STANDARD 40.1 TRAFFIC CONTROL FOR ROAD CLOSURE. DETOUR ROUTE SIGNING SHALL BE IN PLACE PRIOR TO CLOSING FAS ROUTE 2194 AND ROUTE 189 (FREEPORT RD).

THE CHANGEABLE MESSAGE SIGNS SHALL BE IN PLACE 2 WEEKS PRIOR TO INITIAL ROAD CLOSURE.

ANY ADVANCE WORK TO BE PERFORMED ON FAS ROUTE 2194 OR ROUTE 189 PRIOR TO THE ROAD CLOSURE SHALL UTILIZE TRAFFIC CONTROL AND PROTECTION STANDARDS 701001, 701006, 701011, 701201, 701301, AND 701311 AS NEEDED.

FAS ROUTE 2194 AND 189 (FREEPORT RD) CLOSURE

THE CONSTRUCTION WORK AT THE TWO CULVERTS SHALL BE PERFORMED AS SHOWN IN THE CONTRACT PLANS AND SHALL UTILIZE THE SIGNING PLAN SHOWN IN THE PLANS.

THE CHANGEABLE MESSAGE SIGNS SHALL REMAIN IN PLACE 1 WEEK AFTER INITIAL ROAD CLOSURE.

POST-CLOSURE

ALL REMAINING WORK TO BE PERFORMED ON FAS ROUTE 2194 AND 189 SHALL UTILIZE TRAFFIC CONTROL AND PROTECTION STANDARDS 701001, 701006, 701011, 701201, 701301 AND 701311 AS NEEDED.

SCHEDULE OF ROAD CLOSURE SIGNS

SIGN NO.	SIGN	MUTCD CODE-SIZE
1	ROAD CLOSED AHEAD	W20-3-4848
2	ROAD CLOSED 1000 FT*	W20-3-4848 (* UNLESS OTHERWISE SPECIFIED)
3	BARRICADE AHEAD	W21-1100-4848
4		R5-2-3030
5		M6-4(O)-3021
6		M6-1(L)(O)-3021
7		M6-1(R)(O)-3021
8	ROAD CLOSED	R11-2-4830
9	ROAD CLOSED TO THRU TRAFFIC	R11-4-6030
10	ROAD CLOSED 1 MILE AHEAD LOCAL TRAFFIC ONLY	R11-4-6030
11	ROAD CLOSED 2 MILES AHEAD LOCAL TRAFFIC ONLY	R11-4-6030
12	ROAD CLOSED 3 MILES AHEAD LOCAL TRAFFIC ONLY	R11-4-6030
13		M6-2L(O)-3021
14		M5-2L(O)-3021
15	ROAD CLOSED 3 MILES	W20-3-4848
16		M6-6R(O)-3021
17	NO TRUCKS	SPECIAL-4848

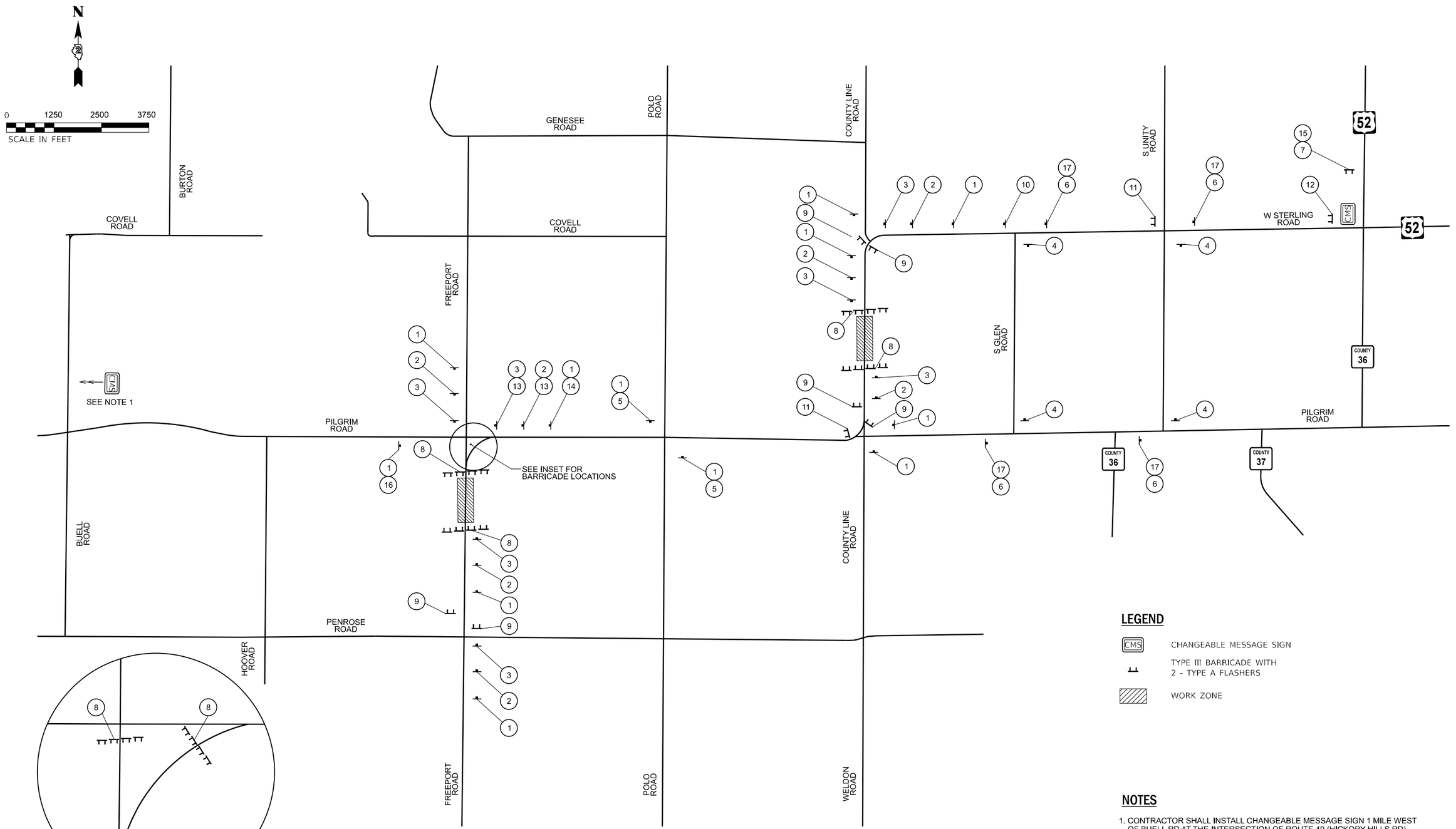
FILE NAME = $FILE$

USER NAME = bnye	DESIGNED - JC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - HD	REVISED -	
PLOT SCALE = $SCALESHORT$	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:27	DATE - 3/14/2023	REVISED -	

MAINTENANCE OF TRAFFIC - ROAD CLOSURE DETAIL

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	29
		CONTRACT NO.64F57		
	ILLINOIS	FED. AID PROJECT		



LEGEND

CMS	CHANGEABLE MESSAGE SIGN
⊥⊥	TYPE III BARRICADE WITH 2 - TYPE A FLASHERS
▨	WORK ZONE

NOTES

1. CONTRACTOR SHALL INSTALL CHANGEABLE MESSAGE SIGN 1 MILE WEST OF BUELL RD AT THE INTERSECTION OF ROUTE 40 (HICKORY HILLS RD) AND PILGRIM RD.
2. TYPE III ROAD CLOSURE BARRICADES SHALL BE PLACED AT THE LAST ENTRANCE ACCESS AS REQUIRED. ADDITIONAL SET AT BRIDGE REQUIRED WHEN MORE THAN 1000 FEET FROM STRUCTURE.

FILE NAME = $FILEL$

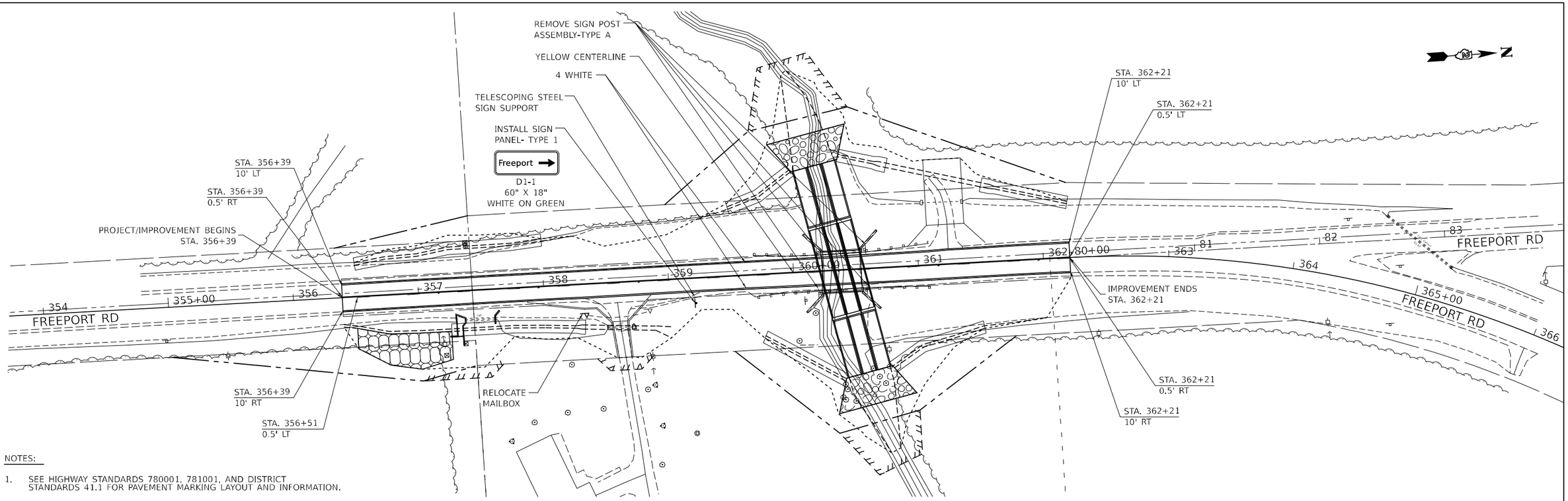
USER NAME = bnye	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = $SCALESHORT$	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:27	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - ROAD CLOSURE DETAIL

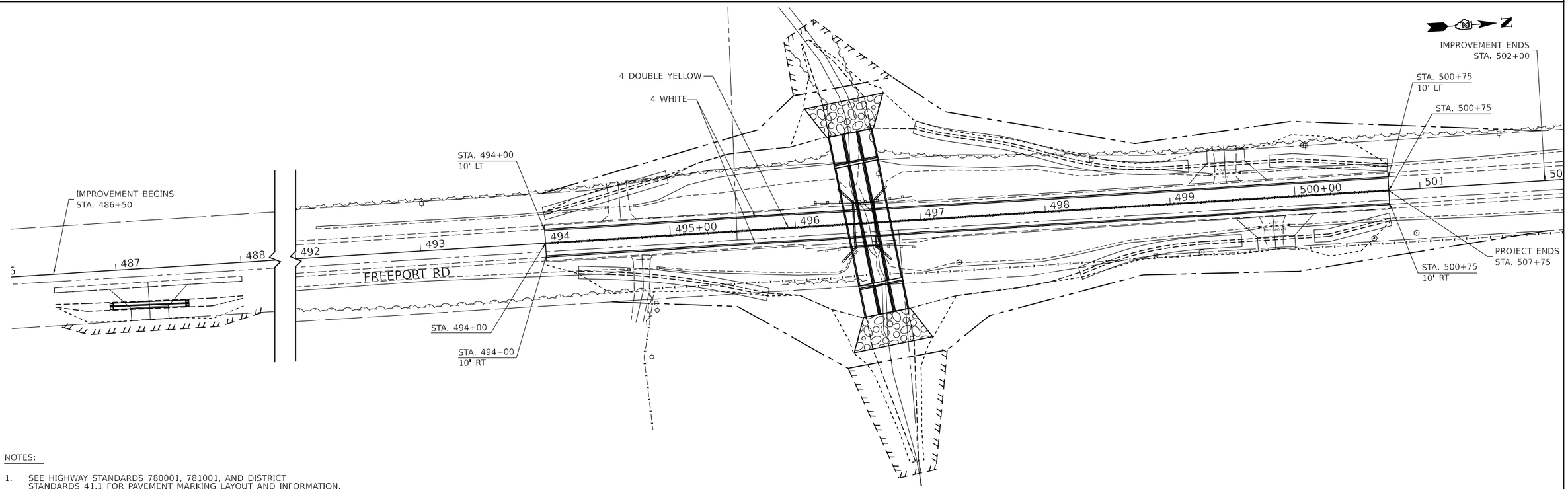
SCALE: | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	30
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. SEE HIGHWAY STANDARDS 780001, 781001, AND DISTRICT STANDARDS 41.1 FOR PAVEMENT MARKING LAYOUT AND INFORMATION.



NOTES:

1. SEE HIGHWAY STANDARDS 780001, 781001, AND DISTRICT STANDARDS 41.1 FOR PAVEMENT MARKING LAYOUT AND INFORMATION.

MODEL: $MODELNAME$
FILE NAME= $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:80	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 11:22	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1"=30' | SHEET 1 OF 1 SHEETS | STA. 354+00 TO STA. 502+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	31
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

WHITESIDE & OGLE

Benchmark: Cut "□" on southeast wingwall of Structure No. 098-0049, Station 360+22.51, 19.34' RT, Elev. 704.88.

Existing Structure: Structure No. 098-0049, built in 1953, is a single span reinforced concrete slab span bridge. The back-to-back of abutments measures 33'-0" and the out-to-out measures 34'-4". Existing structure is to be removed.

INDEX OF SHEETS

1. General Plan and Elevation
2.-3. Multi-cell Precast Concrete Box Culvert Apron End Section Details
4.-5. Traversable Pipe Grate for Box Culverts
6.-7. Borings
8.-10. Existing Plans

GENERAL NOTES

The design fill height for this box is 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.

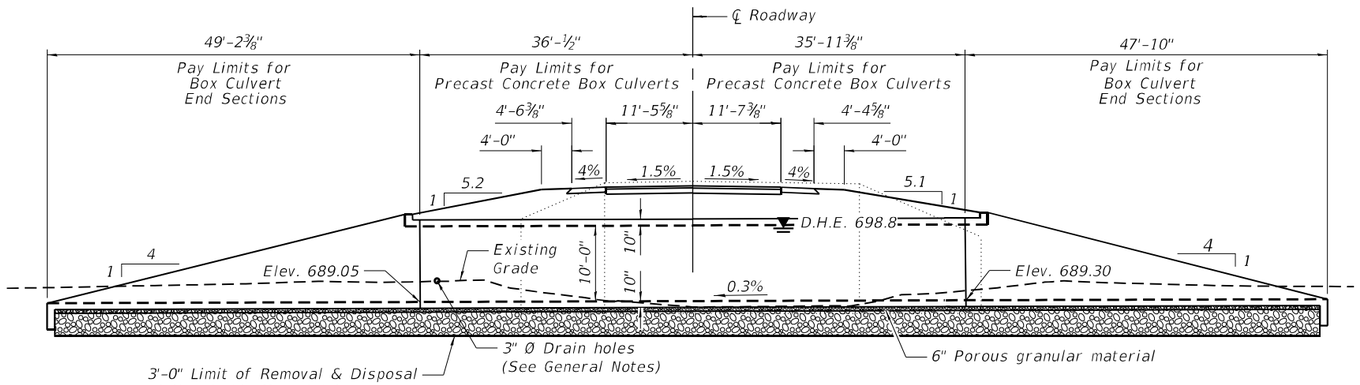
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

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

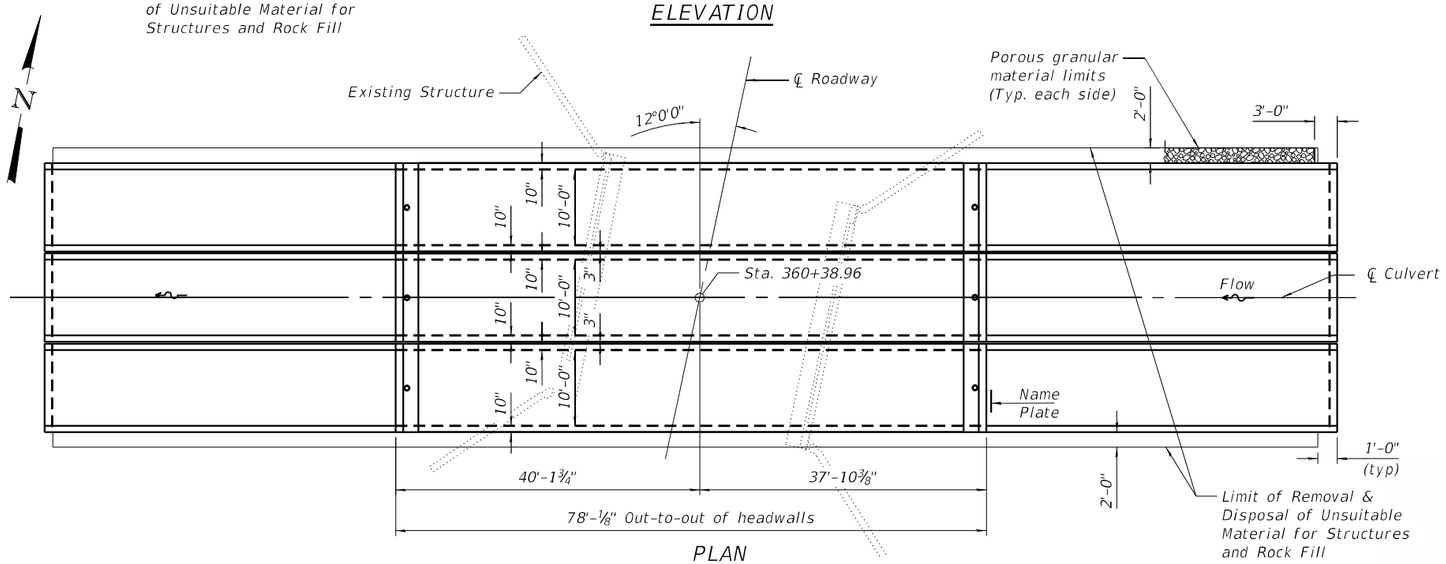
The limits and quantities of removal and replacement shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.

The Rockfill shall be capped with 6 in. of CA7 and satisfy the Standard Specifications unless otherwise indicated in the Special Provisions. The cost of the capping material shall be included in the pay item for Rockfill.

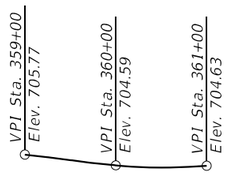
Contractor may use shored or braced excavation for culvert construction at no additional cost to the Department. The excavation plans shall be prepared and sealed by an Illinois-licensed Structural Engineer and shall be submitted to the Engineer for review and acceptance.



ELEVATION



PLAN



PROFILE GRADE

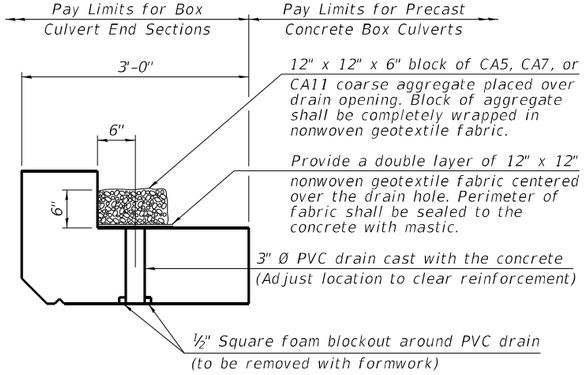
STATION 360+38.96
BUILT 202_ BY
STATE OF ILLINOIS
F.A.S. RT. 2194 SEC. 115BC
LOADING HL-93
STR. NO. 098-2026

NAME PLATE

See Std. 515001



LOCATION SKETCH



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.)

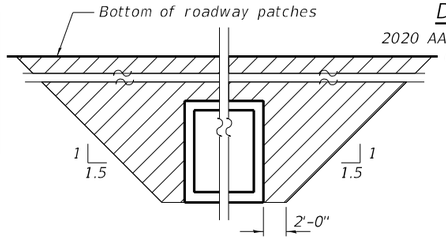
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures No. 1	Each	1
Name Plates	Each	1
Box Culvert End Sections, Culvert No. 1	Each	6
Precast Concrete Box Culverts, 10' x 10'	Foot	216
Removal and Disposal of Unsuitable Material	Cu. Yd.	714
Porous Granular Embankment	Cu. Yd.	1,834
Structure Excavation	Cu. Yd.	3,024
Traversable Pipe Grate for Concrete End Section	Foot	1,105
Rock Fill	Ton	1,235

WATERWAY INFORMATION

Drainage Area = 6.5 sq. mi. Low Grade Elev. = 704.10 at Sta. 360+39

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
Ten year	10	993	196	215	697.9	0.3	0.2	698.2	698.0
Design	30	1415	211	248	698.4	0.6	0.4	699.0	698.8
Base	100	1880	228	276	698.9	1.0	0.7	699.9	699.5
Max. Calc.	500	2560	243	309	699.4	1.8	1.3	701.2	700.8



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT

(Hatched area)

DESIGN SPECIFICATIONS

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

LOADING HL-93

DESIGN STRESSES

PRECAST UNITS

f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)

FIELD UNITS

f'c = 3,500 psi
fy = 65,000 psi (Welded Wire Reinforcement)

LICENSED STRUCTURAL ENGINEER
MOSHE L. COHEN
081-008104
STATE OF ILLINOIS

Signed: Moshe L Cohen

Dated: 2023-03-16

License Expires: 11-30-2024

GENERAL PLAN AND ELEVATION
FREEPORT ROAD OVER JORDAN CREEK
F.A.S. RTE. 2194 SEC. 115BC
WHITESIDE COUNTY
STATION 360+38.96
S.N. 098-2026

MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOTStructures\098202b6-64F57-001-GPE.dgn

3/16/2023 10:04:22 AM

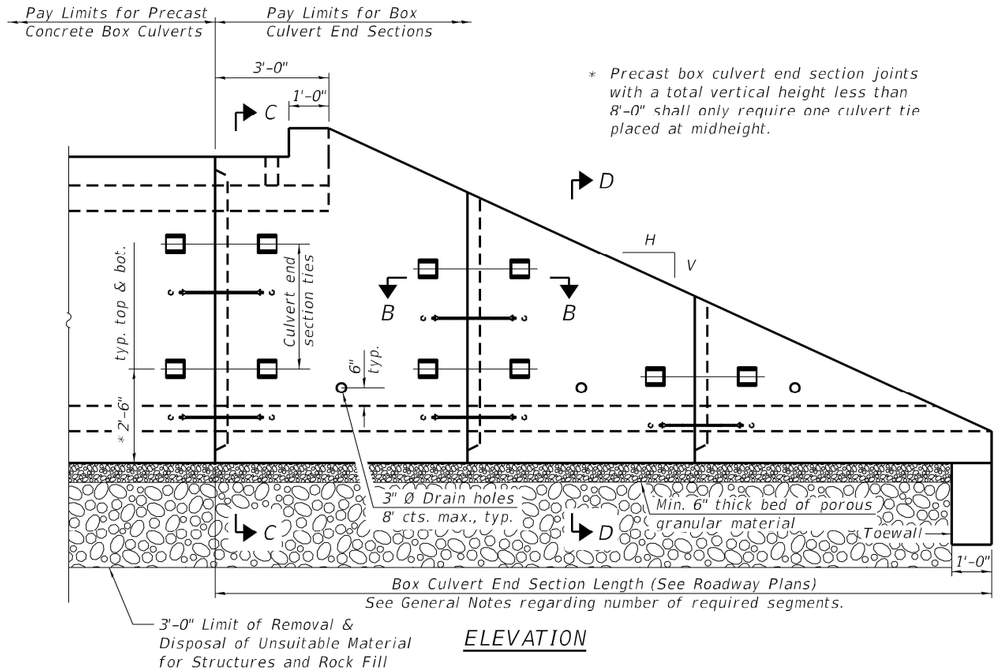
Kaskaskia Engineering Group, LLC
700 E. Main St., Suite 100, Belleville, Illinois 62220, 618.233.5077 phone, 618.233.5077 fax, www.kaskaskiaeng.com
PROFESSIONAL REGISTRATIONS: Illinois Professional Design Firm: Professional Engineering Group
LICENSE NO.: 184.007572, 20-3488166

USER NAME =	DESIGNED - MLC	REVISED -	
	CHECKED - JW	REVISED -	
PLOT SCALE =	DRAWN - MLC	REVISED -	
PLOT DATE =	CHECKED - JW	REVISED -	

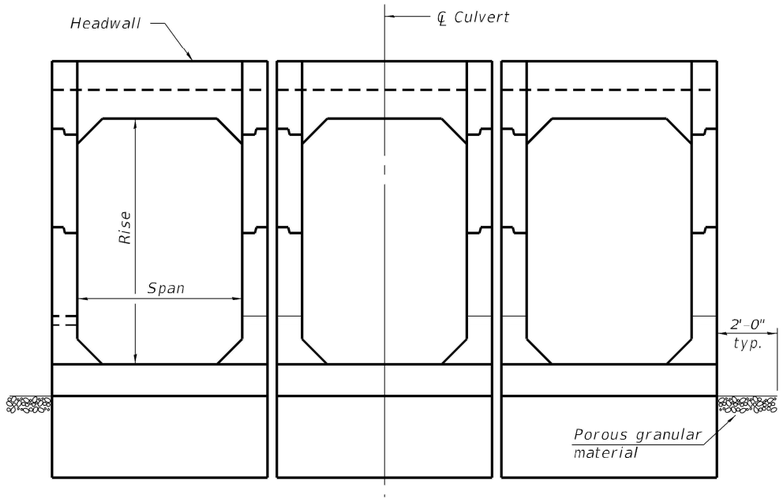
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 098-2026
SHEET 1 OF 10 SHEETS

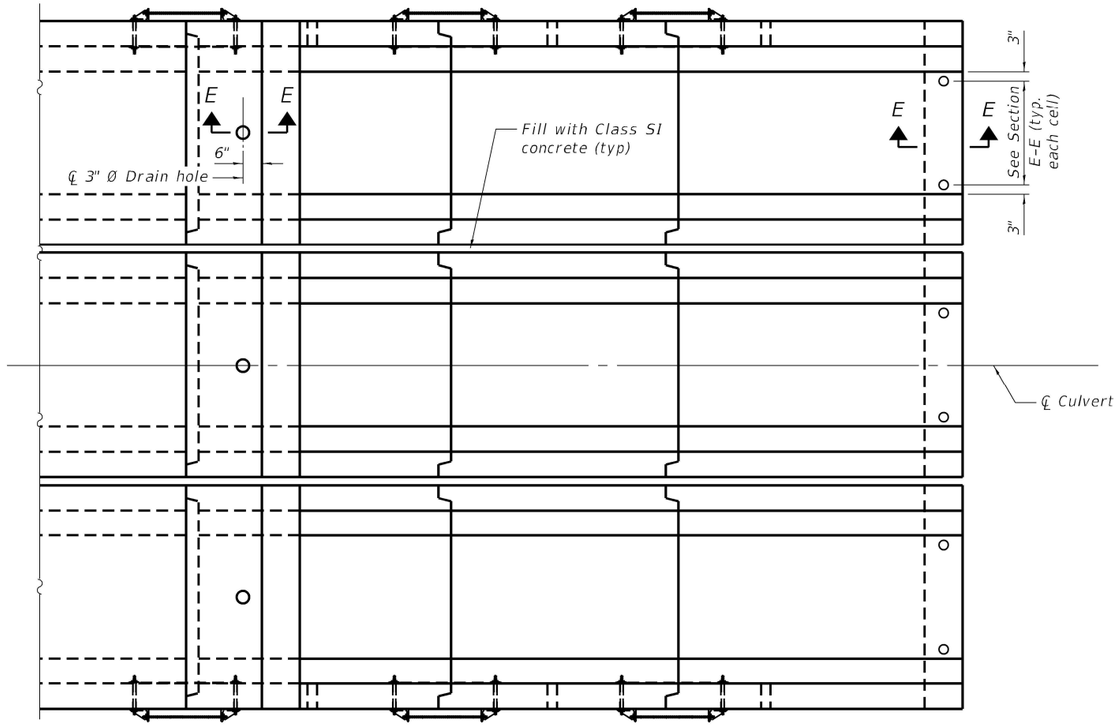
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	32
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	



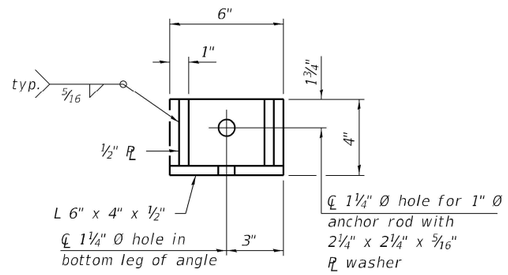
ELEVATION



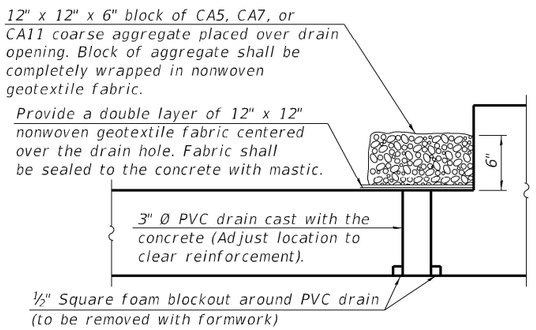
END VIEW



PLAN

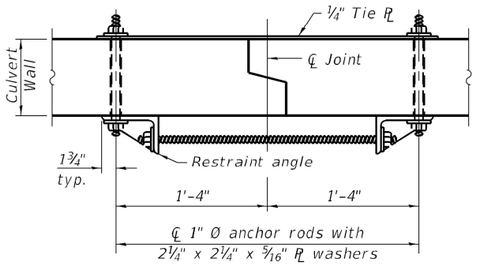


RESTRAINT ANGLE DETAIL



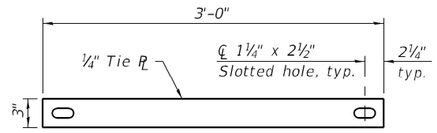
SECTION A-A

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



SECTION B-B

(Showing end section tie details)



TIE PLATE DETAIL

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each, with each end of each culvert being one each. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of 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.

Number of segments shown in Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

See roadway plans for embankment slope (V:H).

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for 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. 2¼" x 2¼" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional ½ 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.

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 contract unit price for Box Culvert End Sections of the culvert number specified.

Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd.

For end sections with traversable pipe grate systems, see grate detail sheet for required modifications.

The 3" nominal space between adjacent end sections shall be filled with Class SI concrete in accordance with Article 540.06 of the Standard Specifications. Cost included with Box Culvert End Sections.

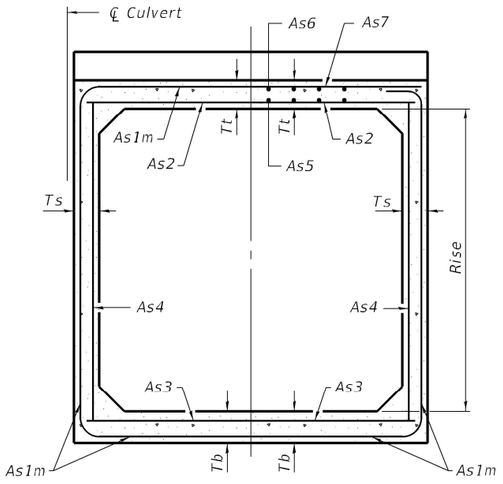
Details for double cell box culvert shown. Details for other multi-cell box culverts similar.

Kaskaskia Engineering Group, LLC
PROFESSIONAL DESIGN FIRM
Illinois Professional Design Firm: Professional Engineering Group
LICENSE NO.: 184.005773 20.5000165
300 E. Main St., Suite 300 Belleville, Illinois 62220 618.233.5977 phone 618.233.5975 fax www.kaskaskiaeng.com

USER NAME =		DESIGNED - MLC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-CELL PRECAST BOX CULVERT TAPERED END SECTIONS STRUCTURE NO. 098-2026
		CHECKED - JW	REVISED -		
PLOT SCALE =		DRAWN - MLC	REVISED -		
PLOT DATE =		CHECKED - JW	REVISED -		SHEET 2 OF 10 SHEETS

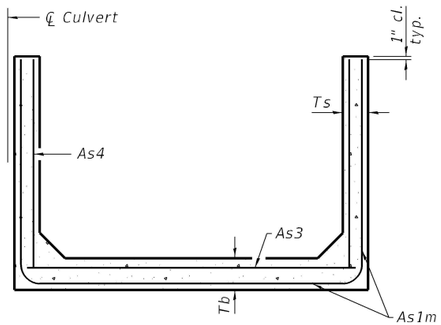
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	33
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\0982026-64F57-002-End Sect 1.dgn
3/16/2023 10:04:26 AM

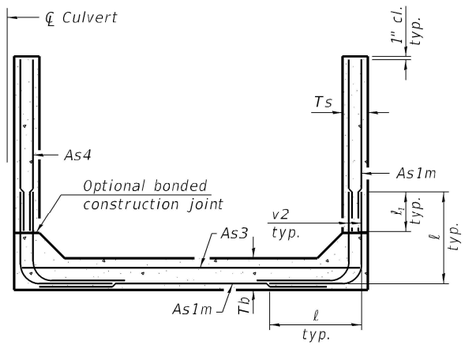


(Design Earth Cover ≥ 2 ft) (Design Earth Cover < 2 ft)

SECTION C-C



SECTION D-D



ALTERNATE SECTION D-D

As1m REINFORCEMENT
(in.²/ ft)

Ts (in.) \ Rise (ft)	2	3	4	5	6	7	8	9	10	11	12
4	0.19	0.17									
5	0.26	0.21	0.18								
6	0.22	0.26	0.23	0.22							
7	0.25	0.33	0.59	0.27	0.28						
8	0.40	0.35	0.43	0.39	0.36	0.34	0.40				
9	0.44	0.39	0.35	0.43	0.40	0.37	0.36	0.48			
10	0.48	0.42	0.38	0.47	0.44	0.41	0.38	0.42	0.56		
11	0.52	0.45	0.54	0.50	0.46	0.44	0.41	0.46	0.50	0.65	
12	0.55	0.49	0.58	0.54	0.50	0.48	0.45	0.46	0.46	0.61	0.75

(As1m reinforcement based upon welded wire reinforcement conforming to AASHTO M 55 or M 221).

ℓ1 DIMENSION

#3 bar = 2'-0"
#4 bar = 2'-8"
#5 bar = 3'-4"
#6 bar = 3'-11"

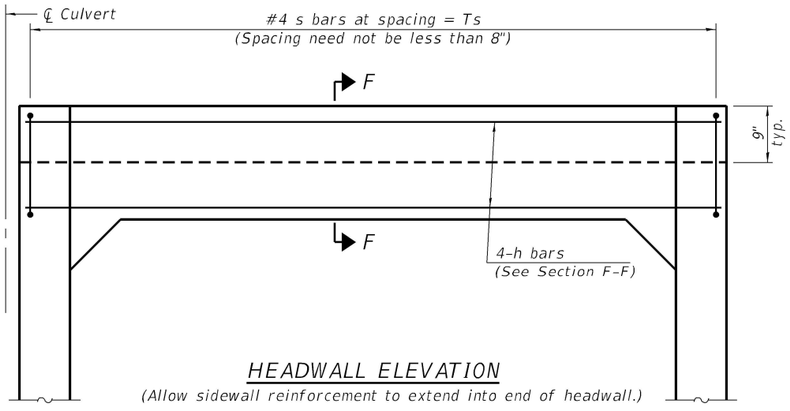
Notes:

Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.

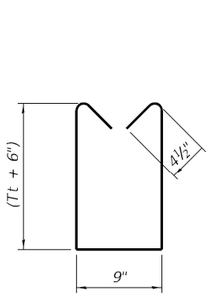
The size and spacing of the v2 bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to 1.10*(As1m). v2 bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

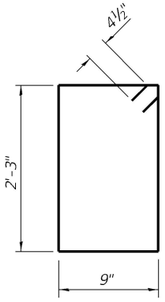
Sections C-C, D-D, and Headwall Elevation are symmetric about ℄ culvert through 180° rotation.



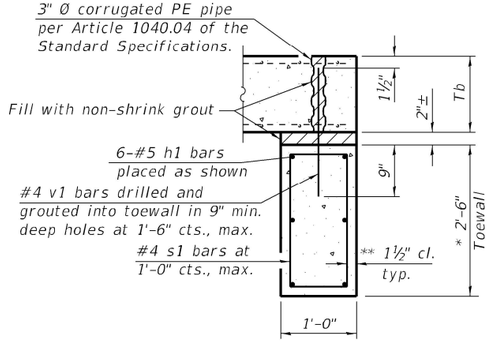
HEADWALL ELEVATION
(Allow sidewall reinforcement to extend into end of headwall.)



BAR s



BAR s1



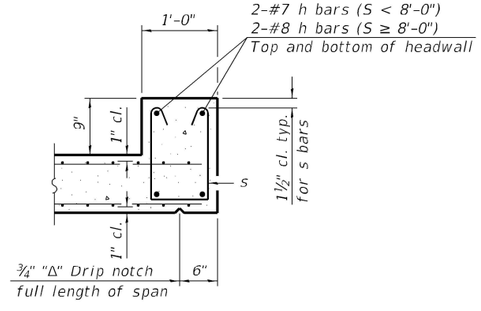
SECTION E-E

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications 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 the method.

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



SECTION F-F

MCB-TES 2-17-2017

Kaskaskia Engineering Group, LLC
300 E. Main St., Suite 300, Belleville, Illinois 62220
618.233.5577 phone
618.233.5577 fax
www.kaskaskiaeng.com
PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm: 184.007572
Professional Engineering Group
LICENSE NO.
20-3880166

USER NAME =		DESIGNED - MLC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-CELL PRECAST BOX CULVERT TAPERED END SECTIONS STRUCTURE NO. 098-2026
		CHECKED - JW	REVISED -		
PLOT SCALE =		DRAWN - MLC	REVISED -		
PLOT DATE =		CHECKED - JW	REVISED -		SHEET 3 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	34
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

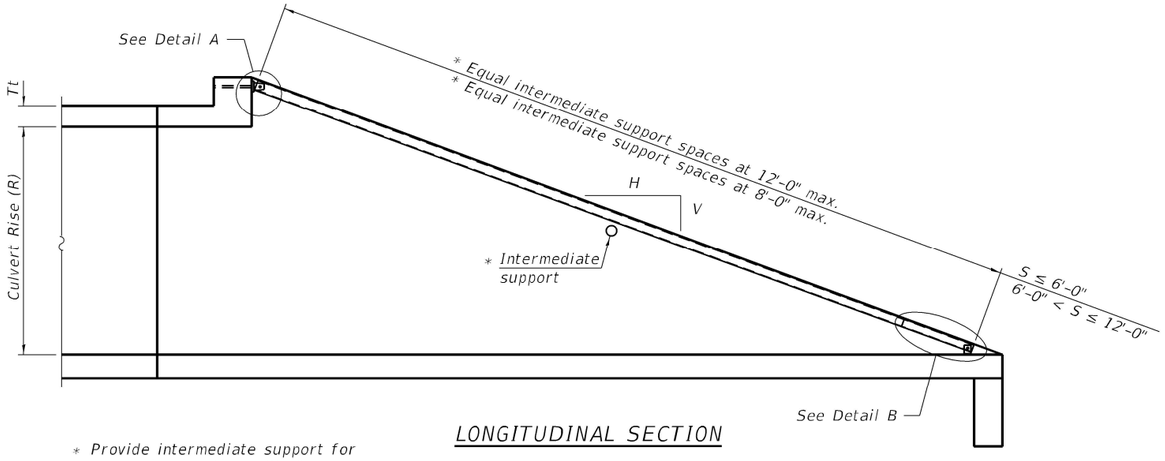
MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\0982026-64F57-003-End Sect 2.dgn
3/16/2023 10:04:27 AM

GENERAL NOTES

The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1½" unless noted otherwise.

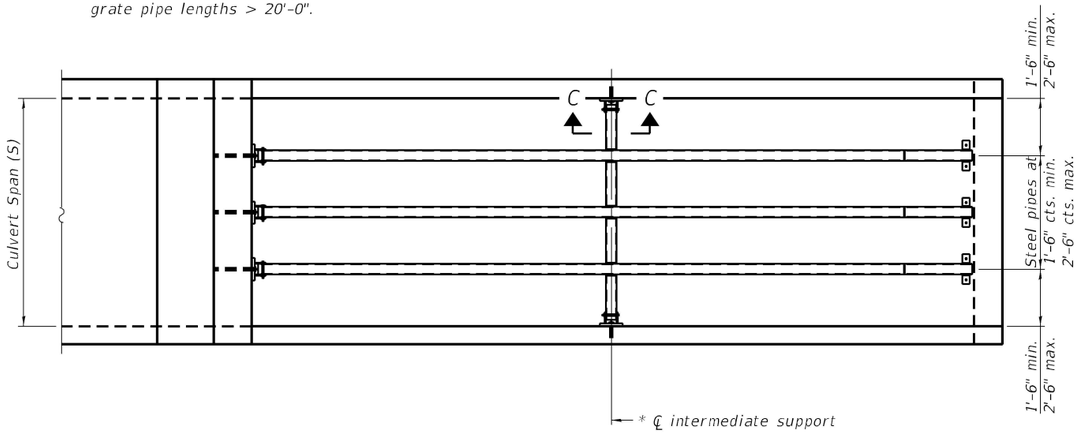
This standard shall only be used on concrete end sections not skewed more than ±15 degrees with roadway.

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 ⅓ turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.

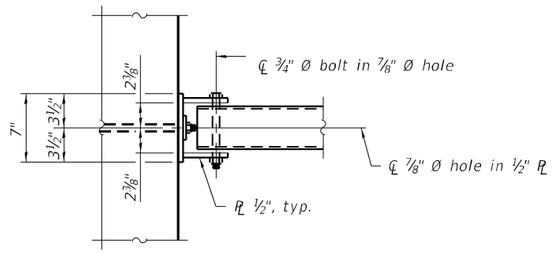


LONGITUDINAL SECTION

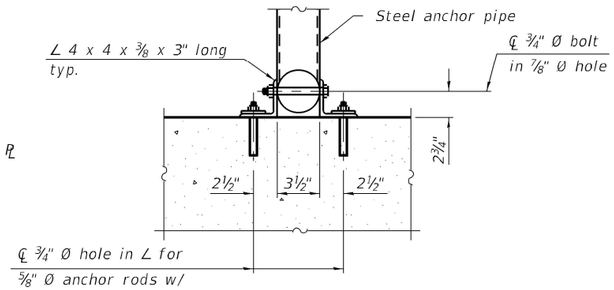
* Provide intermediate support for grate pipe lengths > 20'-0".



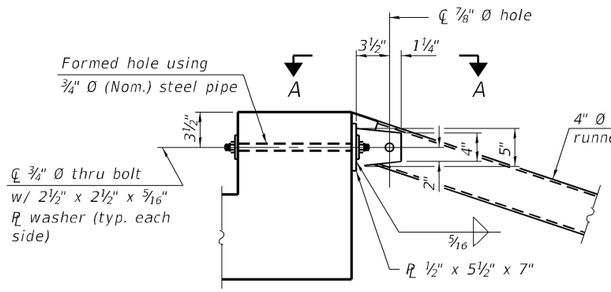
PLAN VIEW



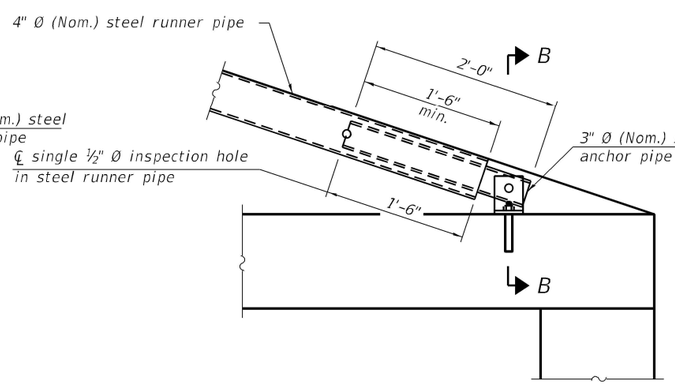
VIEW A-A



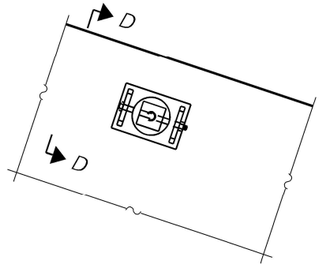
SECTION B-B



DETAIL A

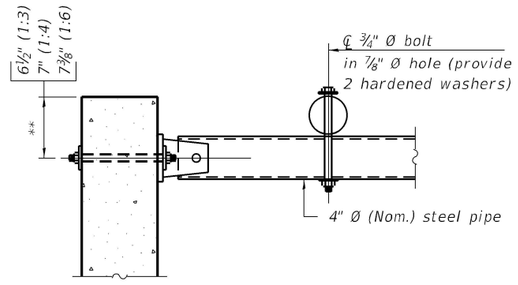


DETAIL B



VIEW C-C

(See Detail A for dimensions and details not shown.)



SECTION D-D

** Measured perpendicular to top of culvert wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert end section.

TPGBC-ZS

2-17-2017

MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\098202б-64F57-004-Bar Grate 1.dgn

3/16/2023 10:04:29 AM

Kaskaskia Engineering Group, LLC
300 E. Main St., Suite 300, Belleville, Illinois 62220
618.233.5077 phone
618.233.5077 fax
www.KaskaskiaEng.com
PROFESSIONAL REGISTRATIONS: Illinois Professional Design Firm: 184.005772; Professional Engineering Group: 20-5000166
LICENSE NO.

USER NAME =		DESIGNED - MLC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAVERSABLE PIPE GRATE FOR BOX CULVERTS STRUCTURE NO. 098-2026
		CHECKED - JW	REVISED -		
PLOT SCALE =		DRAWN - MLC	REVISED -		SHEET 4 OF 10 SHEETS
PLOT DATE =		CHECKED - JW	REVISED -		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	35
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

PIPE-GRATE SCHEDULE FOR BOX CULVERT END SECTIONS

Precast Box Culvert Dimensions			Slope of End Section								
			1:3			1:4			1:6		
S (ft)	R (ft)	Tt (in)	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe
4	2	7.5	1 @ 8'-10"	N/A	8'-10"	1 @ 11'-7"	N/A	11'-7"	1 @ 17'-2"	N/A	17'-2"
4	2	5	1 @ 8'-2"	N/A	8'-2"	1 @ 10'-8"	N/A	10'-8"	1 @ 15'-11"	N/A	15'-11"
4	3	7.5	1 @ 12'-0"	N/A	12'-0"	1 @ 15'-8"	N/A	15'-8"	1 @ 23'-3"	1 @ 3'-7"	26'-10"
4	3	5	1 @ 11'-4"	N/A	11'-4"	1 @ 14'-10"	N/A	14'-10"	1 @ 22'-0"	1 @ 3'-7"	25'-7"
4	4	7.5	1 @ 15'-2"	N/A	15'-2"	1 @ 19'-10"	1 @ 3'-7"	23'-5"	1 @ 29'-4"	2 @ 3'-7"	36'-6"
4	4	5	1 @ 14'-6"	N/A	14'-6"	1 @ 18'-11"	N/A	18'-11"	1 @ 28'-1"	2 @ 3'-7"	35'-3"
5	2	8	1 @ 8'-11"	N/A	8'-11"	1 @ 11'-9"	N/A	11'-9"	1 @ 17'-5"	N/A	17'-5"
5	2	6	1 @ 8'-5"	N/A	8'-5"	1 @ 11'-1"	N/A	11'-1"	1 @ 16'-5"	N/A	16'-5"
5	3	8	1 @ 12'-1"	N/A	12'-1"	1 @ 15'-10"	N/A	15'-10"	1 @ 23'-6"	1 @ 4'-7"	28'-1"
5	3	6	1 @ 11'-7"	N/A	11'-7"	1 @ 15'-2"	N/A	15'-2"	1 @ 22'-6"	1 @ 4'-7"	27'-1"
5	4	8	1 @ 15'-3"	N/A	15'-3"	1 @ 20'-0"	1 @ 4'-7"	24'-7"	1 @ 29'-7"	2 @ 4'-7"	38'-9"
5	4	6	1 @ 14'-9"	N/A	14'-9"	1 @ 19'-3"	N/A	19'-3"	1 @ 28'-7"	2 @ 4'-7"	37'-9"
5	5	8	1 @ 18'-5"	N/A	18'-5"	1 @ 24'-1"	2 @ 4'-7"	33'-3"	1 @ 35'-8"	3 @ 4'-7"	49'-5"
5	5	6	1 @ 17'-11"	N/A	17'-11"	1 @ 23'-5"	1 @ 4'-7"	28'-0"	1 @ 34'-8"	2 @ 4'-7"	43'-10"
6	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
6	2	7	2 @ 8'-8"	N/A	17'-4"	2 @ 11'-5"	N/A	22'-10"	2 @ 16'-11"	N/A	33'-10"
6	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	1 @ 5'-7"	52'-7"
6	3	7	2 @ 11'-10"	N/A	23'-8"	2 @ 15'-6"	N/A	31'-0"	2 @ 23'-0"	1 @ 5'-7"	51'-7"
6	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	1 @ 5'-7"	45'-7"	2 @ 29'-7"	2 @ 5'-7"	70'-4"
6	4	7	2 @ 15'-0"	N/A	30'-0"	2 @ 19'-8"	1 @ 5'-7"	44'-11"	2 @ 29'-1"	2 @ 5'-7"	69'-4"
6	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	2 @ 5'-7"	59'-4"	2 @ 35'-8"	3 @ 5'-7"	88'-1"
6	5	7	2 @ 18'-2"	N/A	36'-4"	2 @ 23'-9"	2 @ 5'-7"	58'-8"	2 @ 35'-2"	2 @ 5'-7"	81'-6"
6	6	8	2 @ 21'-7"	1 @ 5'-7"	48'-9"	2 @ 28'-3"	2 @ 5'-7"	67'-8"	2 @ 41'-9"	3 @ 5'-7"	100'-3"
6	6	7	2 @ 21'-4"	1 @ 5'-7"	48'-3"	2 @ 27'-11"	2 @ 5'-7"	67'-0"	2 @ 41'-3"	3 @ 5'-7"	99'-3"
7	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
7	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	2 @ 6'-7"	60'-2"
7	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	2 @ 6'-7"	53'-2"	2 @ 29'-7"	3 @ 6'-7"	78'-11"
7	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	3 @ 6'-7"	67'-11"	2 @ 35'-8"	4 @ 6'-7"	97'-8"
7	6	8	2 @ 21'-7"	2 @ 6'-7"	56'-4"	2 @ 28'-3"	3 @ 6'-7"	76'-3"	2 @ 41'-9"	5 @ 6'-7"	116'-5"
7	7	8	2 @ 24'-9"	3 @ 6'-7"	69'-3"	2 @ 32'-4"	4 @ 6'-7"	91'-0"	2 @ 47'-10"	6 @ 6'-7"	135'-2"
8	2	8	3 @ 8'-11"	N/A	26'-9"	3 @ 11'-9"	N/A	35'-3"	3 @ 17'-5"	N/A	52'-3"
8	3	8	3 @ 12'-1"	N/A	36'-3"	3 @ 15'-10"	N/A	47'-6"	3 @ 23'-6"	2 @ 7'-7"	85'-8"
8	4	8	3 @ 15'-3"	N/A	45'-9"	3 @ 20'-0"	2 @ 7'-7"	75'-2"	3 @ 29'-7"	3 @ 7'-7"	111'-6"
8	5	8	3 @ 18'-5"	N/A	55'-3"	3 @ 24'-1"	3 @ 7'-7"	95'-0"	3 @ 35'-8"	4 @ 7'-7"	137'-4"
8	6	8	3 @ 21'-7"	2 @ 7'-7"	79'-11"	3 @ 28'-3"	3 @ 7'-7"	107'-6"	3 @ 41'-9"	5 @ 7'-7"	163'-2"
8	7	8	3 @ 24'-9"	3 @ 7'-7"	97'-0"	3 @ 32'-4"	4 @ 7'-7"	127'-4"	3 @ 47'-10"	6 @ 7'-7"	189'-0"
8	8	8	3 @ 27'-11"	3 @ 7'-7"	106'-6"	3 @ 36'-6"	4 @ 7'-7"	139'-10"	3 @ 53'-11"	6 @ 7'-7"	207'-3"
9	2	9	3 @ 9'-3"	N/A	27'-9"	3 @ 12'-1"	N/A	36'-3"	3 @ 17'-11"	N/A	53'-9"
9	3	9	3 @ 12'-4"	N/A	37'-0"	3 @ 16'-2"	N/A	48'-6"	3 @ 24'-0"	3 @ 8'-7"	97'-9"
9	4	9	3 @ 15'-6"	N/A	46'-6"	3 @ 20'-4"	2 @ 8'-7"	78'-2"	3 @ 30'-1"	3 @ 8'-7"	116'-0"
9	5	9	3 @ 18'-8"	N/A	56'-0"	3 @ 24'-5"	3 @ 8'-7"	99'-0"	3 @ 36'-2"	4 @ 8'-7"	142'-10"
9	6	9	3 @ 21'-10"	2 @ 8'-7"	82'-8"	3 @ 28'-7"	3 @ 8'-7"	111'-6"	3 @ 42'-3"	5 @ 8'-7"	169'-8"
9	7	9	3 @ 25'-0"	3 @ 8'-7"	100'-9"	3 @ 32'-8"	4 @ 8'-7"	132'-4"	3 @ 48'-4"	6 @ 8'-7"	196'-6"
9	8	9	3 @ 28'-2"	3 @ 8'-7"	110'-3"	3 @ 36'-10"	4 @ 8'-7"	144'-10"	3 @ 54'-5"	6 @ 8'-7"	214'-9"
9	9	9	3 @ 31'-4"	3 @ 8'-7"	119'-9"	3 @ 40'-11"	5 @ 8'-7"	165'-8"	3 @ 60'-6"	7 @ 8'-7"	241'-7"
10	2	10	3 @ 9'-6"	N/A	28'-6"	3 @ 12'-5"	N/A	37'-3"	3 @ 18'-5"	N/A	55'-3"
10	3	10	3 @ 12'-8"	N/A	38'-0"	3 @ 16'-6"	N/A	49'-6"	3 @ 24'-6"	3 @ 9'-7"	102'-3"
10	4	10	3 @ 15'-10"	N/A	47'-6"	3 @ 20'-8"	2 @ 9'-7"	81'-2"	3 @ 30'-7"	3 @ 9'-7"	120'-6"
10	5	10	3 @ 19'-0"	N/A	57'-0"	3 @ 24'-9"	3 @ 9'-7"	103'-0"	3 @ 36'-8"	4 @ 9'-7"	148'-4"
10	6	10	3 @ 22'-1"	2 @ 9'-7"	85'-5"	3 @ 28'-11"	3 @ 9'-7"	115'-6"	3 @ 42'-9"	5 @ 9'-7"	176'-2"
10	7	10	3 @ 25'-3"	3 @ 9'-7"	104'-6"	3 @ 33'-0"	4 @ 9'-7"	137'-4"	3 @ 48'-10"	6 @ 9'-7"	204'-0"
10	8	10	3 @ 28'-5"	3 @ 9'-7"	114'-0"	3 @ 37'-2"	4 @ 9'-7"	149'-10"	3 @ 54'-11"	6 @ 9'-7"	222'-3"
10	9	10	3 @ 31'-7"	4 @ 9'-7"	133'-1"	3 @ 41'-3"	5 @ 9'-7"	171'-8"	3 @ 61'-0"	7 @ 9'-7"	250'-1"
10	10	10	3 @ 34'-9"	4 @ 9'-7"	142'-7"	3 @ 45'-5"	5 @ 9'-7"	184'-2"	3 @ 67'-1"	8 @ 9'-7"	277'-11"
11	2	11	4 @ 9'-9"	N/A	39'-0"	4 @ 12'-9"	N/A	51'-0"	4 @ 18'-11"	N/A	75'-8"
11	3	11	4 @ 12'-11"	N/A	51'-8"	4 @ 16'-11"	N/A	67'-8"	4 @ 25'-0"	3 @ 10'-7"	131'-9"
11	4	11	4 @ 16'-1"	N/A	64'-4"	4 @ 21'-0"	2 @ 10'-7"	105'-2"	4 @ 31'-1"	3 @ 10'-7"	156'-1"
11	6	11	4 @ 22'-5"	2 @ 10'-7"	110'-10"	4 @ 29'-3"	3 @ 10'-7"	148'-9"	4 @ 43'-3"	5 @ 10'-7"	225'-11"
11	8	11	4 @ 28'-9"	3 @ 10'-7"	146'-9"	4 @ 37'-6"	4 @ 10'-7"	192'-4"	4 @ 55'-5"	6 @ 10'-7"	285'-2"
11	10	11	4 @ 35'-0"	4 @ 10'-7"	182'-4"	4 @ 45'-9"	5 @ 10'-7"	235'-11"	4 @ 67'-7"	8 @ 10'-7"	355'-0"
11	11	11	4 @ 38'-2"	4 @ 10'-7"	195'-0"	4 @ 49'-10"	6 @ 10'-7"	262'-10"	4 @ 73'-8"	9 @ 10'-7"	389'-11"
12	2	12	4 @ 10'-0"	N/A	40'-0"	4 @ 13'-1"	N/A	52'-4"	4 @ 19'-5"	N/A	77'-8"
12	3	12	4 @ 13'-2"	N/A	52'-8"	4 @ 17'-3"	N/A	69'-0"	4 @ 25'-6"	3 @ 11'-7"	136'-9"
12	4	12	4 @ 16'-4"	N/A	65'-4"	4 @ 21'-4"	2 @ 11'-7"	108'-6"	4 @ 31'-7"	4 @ 11'-7"	172'-8"
12	6	12	4 @ 22'-8"	2 @ 11'-7"	113'-10"	4 @ 29'-7"	3 @ 11'-7"	153'-1"	4 @ 43'-9"	5 @ 11'-7"	232'-11"
12	8	12	4 @ 29'-0"	3 @ 11'-7"	150'-9"	4 @ 37'-10"	4 @ 11'-7"	197'-8"	4 @ 55'-11"	7 @ 11'-7"	304'-9"
12	10	12	4 @ 35'-4"	4 @ 11'-7"	187'-8"	4 @ 46'-1"	5 @ 11'-7"	242'-3"	4 @ 68'-1"	8 @ 11'-7"	365'-0"
12	12	12	4 @ 41'-8"	5 @ 11'-7"	224'-7"	4 @ 54'-4"	6 @ 11'-7"	286'-10"	4 @ 80'-3"	10 @ 11'-7"	436'-10"

TPGBC-ZS

2-17-2017

(Sheet 2 of 2)

Kaskaskia Engineering Group, LLC
390 E. Main St., Suite 300, Effingham, Illinois 62401
618.453.5977 phone
618.233.5977 fax
www.kaskaskiaeng.com
PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm: LICENSE NO. 184.006773
Professional Engineering Group 20.5880101

USER NAME =	DESIGNED - MLC	REVISED -	
	CHECKED - JW	REVISED -	
PLOT SCALE =	DRAWN - MLC	REVISED -	
PLOT DATE =	CHECKED - JW	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAVERSABLE PIPE GRATE FOR BOX CULVERTS
STRUCTURE NO. 098-2026
SHEET 5 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	36
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\0982026-64F57-005-Bar Grate 2.dgn

3/16/2023 10:04:31 AM

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Date 3/30/09

ROUTE FAS 189 DESCRIPTION P92-119-09 Bridge on Freeport Road over Jordan Creek, .2 m. S. of Pilgrim LOGGED BY W. Garza

SECTION - LOCATION Jordan Twp. - 14NW, SEC., TWP. 22N, RNG. 7E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 098-0049
Station 361+45

BORING NO. B-1a
Station 360+99
Offset 8.00ft Lt CL
Ground Surface Elev. 99.50 ft

Surface Water Elev. 86.00 ft
Stream Bed Elev. 85.00 ft

Groundwater Elev.:
First Encounter 79.5 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	7" Asphalt			
97.00	DENSE tan fill LIMESTONE	17		
		24		
		21		
95.00				
-5	VERY STIFF gray LOAM with LIMESTONE	13		
		21	2.5	13.0
93.00		19	P	
	STIFF black SILTY LOAM	3		
		4	1.0	36.0
90.50		6	P	
-10	MEDIUM dark gray SILTY LOAM	2		
		3	0.6	40.0
88.00		4	P	
	MEDIUM dark gray SILTY LOAM	1		
		2	0.7	33.0
85.50		3	B	
-15	MEDIUM gray SILTY CLAY LOAM with 12% ORGANICS	1		
		1	0.5	43.0
82.50		2	B	
	MEDIUM gray dirty SAND with SILTY lens	3		
		5		16.0
80.50		7		
▼-20				

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	STIFF gray SILT	4		
		5	1.0	19.0
78.00		7	B	
	STIFF gray SILTY LOAM	2		
		4	1.7	19.0
75.00		6	B	
-25	DENSE tan weathered LIMESTONE	65		
		28		
73.00		10		
	VERY DENSE tan weathered LIMESTONE	100/8"		
70.00				
-30	Borehole continued with rock coring.			
-35				
-40				

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

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

ROCK CORE LOG

Date 3/30/09

ROUTE FAS 189 DESCRIPTION P92-119-09 Bridge on Freeport Road over Jordan Creek, .2 m. S. of Pilgrim LOGGED BY W. Garza

SECTION - LOCATION Jordan Twp. - 14NW, SEC., TWP. 22N, RNG. 7E

COUNTY Whiteside CORING METHOD

STRUCT. NO. 098-0049
Station 361+45

CORING BARREL TYPE & SIZE

BORING NO. B-1a
Station 360+99
Offset 8.00ft Lt CL
Ground Surface Elev. 99.50 ft

Core Diameter 2 in
Top of Rock Elev. 75.00 ft
Begin Core Elev. 70.00 ft

DEPTH (ft)		CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
70.00	Dolomite: yellow-tan, chalky, fragile & severely fractured throughout, with oxidized parting planes and cavaties.	1	80	0	2	
-30						
65.00	Dolomite: as above, though intact, moderately bedded, pitted & pocked. t.s.f.: 63.6 to 63.1	2	100	57	1.8	577.0
-35						
60.00	Dolomite: as above, though chalky & more fragile. t.s.f.: 56.2 to 55.8	3	80	22	3.4	476.0
-40						
55.00	End of Boring					
-45						

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

MODEL: Noise Wall
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\0982026-64F57-006-007-Borings.dgn
3/16/2023 10:04:32 AM

Kaskaskia Engineering Group, LLC
700 E. Main St., Suite 100, Belleville, Illinois 62220
618.233.5977 phone
618.233.5977 fax
www.kaskaskiaeng.com
PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm
Professional Engineering Group
LICENSE NO.
184.005753
20-5000566

USER NAME =		DESIGNED - MLC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORINGS STRUCTURE NO. 098-2026
		CHECKED - JW	REVISED -		
PLOT SCALE =		DRAWN - MLC	REVISED -		
PLOT DATE =		CHECKED - JW	REVISED -		SHEET 6 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	37
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Date 4/6/09

ROUTE FAS 189 DESCRIPTION P92-119-09 Bridge on Freeport Road over Jordan Creek, .2 m. S. of Pilgram Road LOGGED BY W. Garza

SECTION - LOCATION Jordan Twp. - 14NW, SEC., TWP. 22N, RNG. 7E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.
Station 361+45

BORING NO. B-2a
Station 361+80
Offset 6.00ft Rt CL
Ground Surface Elev. 99.50 ft

Surface Water Elev. 86.00 ft
Stream Bed Elev. 85.00 ft

Groundwater Elev.:
First Encounter 79.5 ft ▼
Upon Completion ft
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
6" Asphalt				
	97.00			
MEDIUM tan dirty ROCK (fill)		7		
		6		
	95.50	12		
	-5			
VERY STIFF gray SILTY LOAM		5		
		4	2.9	20.0
	93.00	6	P	
STIFF dark gray SILTY LOAM		3		
		3	1.3	34.0
	90.50	5	P	
	-10			
MEDIUM dark gray SILTY CLAY LOAM		3		
		3	0.9	32.0
	88.00	3	B	
MEDIUM dark gray SILTY LOAM with ORGANICS		2		
		2	0.8	45.0
	85.50	3	B	
	-15			
MEDIUM dark gray SILTY CLAY LOAM		1		
		2	0.6	38.0
	83.00	3	B	
VERY STIFF gray CLAY LOAM with SAND lens		5		
		4	3.1	17.0
	80.50	3	P	
	▼-20			
STIFF gray SILTY CLAY		3		
		3	1.2	20.0
	77.50	5	B	
VERY DENSE tan weathered LIMESTONE		100/4"		
	75.50			
	-25			
VERY DENSE tan weathered LIMESTONE Auger Refusal at 26.5'		100/3"		
	73.00			
Borehole continued with rock coring.				
	-30			
	-35			
	-40			

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

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

ROCK CORE LOG

Date 4/6/09

ROUTE FAS 189 DESCRIPTION P92-119-09 Bridge on Freeport Road over Jordan Creek, .2 m. S. of Pilgram Road LOGGED BY W. Garza

SECTION - LOCATION Jordan Twp. - 14NW, SEC., TWP. 22N, RNG. 7E

COUNTY Whiteside CORING METHOD

STRUCT. NO.
Station 361+45

CORING BARREL TYPE & SIZE

BORING NO. B-2a
Station 361+80
Offset 6.00ft Rt CL
Ground Surface Elev. 99.50 ft

Core Diameter 2 in
Top of Rock Elev. 77.50 ft
Begin Core Elev. 73.00 ft

	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
Dolomite: tan-buff, chalky, pitted & pocked with occasional laminations throughout - last foot severely fractured. t.s.f.: 70.9 to 70.4	73.00	1	100	32	3.2	476.0
	-30					
Dolomite: as above t.s.f.: 64.0 to 63.3	68.00	2	100	42	1.6	474.0
	-35					
Dolomite: as above - total core run medium bedded t.s.f.: 60.5 to 59.6	63.00	3	100	60	2	396.0
	-40					
End of Boring	58.00					
	-45					

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

MODEL: Noise Wall
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\0982026-64F57-006-007-Borings.dgn

3/16/2023 10:04:39 AM

Kaskaskia Engineering Group, LLC
300 E. Main St., Suite 300, Belleville, Illinois 62220
618.233.5977 phone
618.233.5977 fax
www.kaskaskiaeng.com
PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm: Professional Engineering Group
LICENSE NO.: 184.006773
20.5000101

USER NAME =	DESIGNED - MLC	REVISED -	
	CHECKED - JW	REVISED -	
PLOT SCALE =	DRAWN - MLC	REVISED -	
PLOT DATE =	CHECKED - JW	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORINGS
STRUCTURE NO. 098-2026
SHEET 7 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	38
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

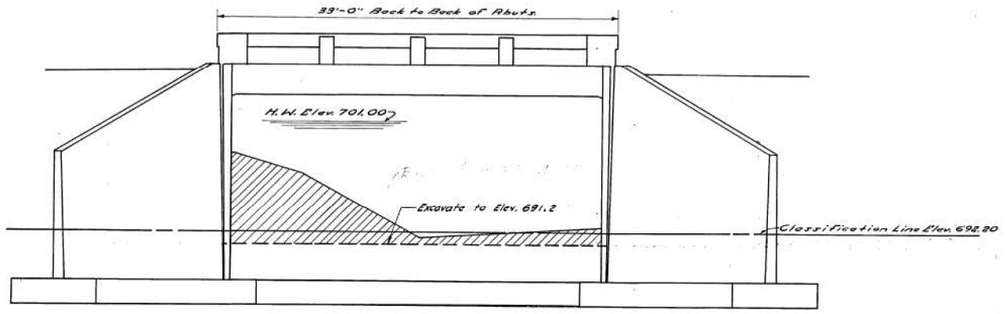
B.M. Spike and Washer in Root of 16" Tree 1.6' N.W. of Sta. 362+67 Elev. 698.31

Existing Structure: R.C. Slab 38.5' Span, 30° Rdwy. R.C. Closed Abuts. To be removed by Contractor

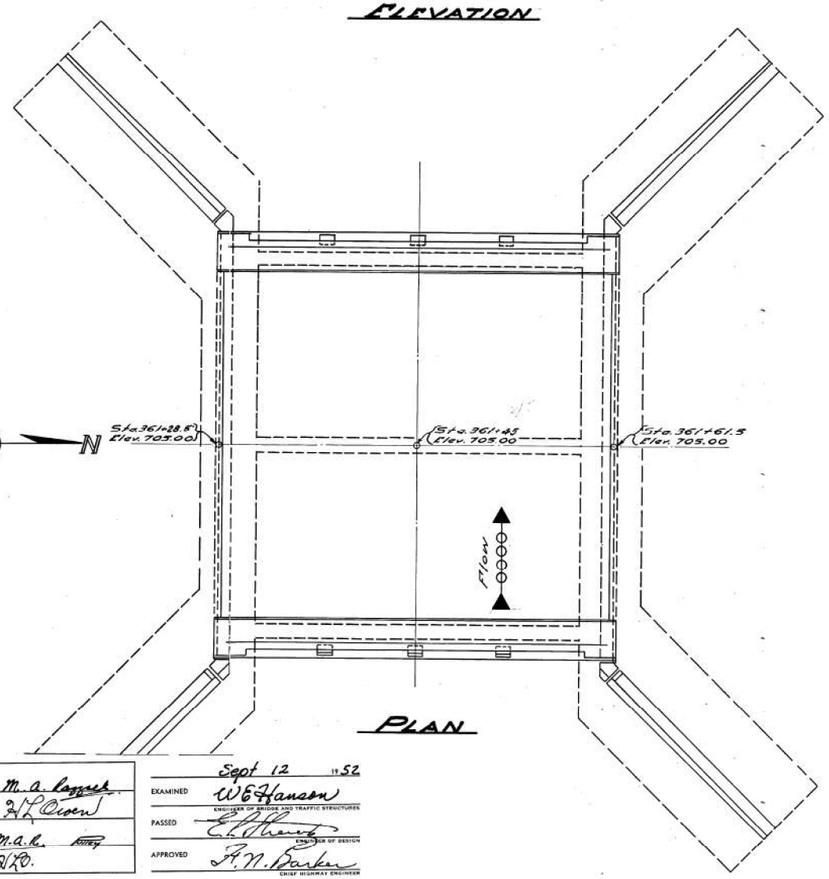
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. 87 F.A.	115-BR	Whiteside	15	12
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 1
3 SHEETS



ELEVATION



PLAN

DESIGNED	M.a. Leggett	EXAMINED	Sept 12 1952 W.E. Hanson ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
CHECKED	J.R. Brown	PASSED	E.A. Hurst ENGINEER OF DESIGN
DRAWN	M.A.L. Kirby	APPROVED	A.N. Barker CHIEF HIGHWAY ENGINEER
CHECKED	J.R.B.		

GENERAL NOTES

Class X Concrete shall be used thruout except as noted.
Handrail Concrete shall be used in handrails.
Concrete floor slab shall be finished in accordance with Art. 51.18(a) of the Standard Specifications.
The Contractor shall drive Two Test Piles in their permanent location, as directed by the Engineer, before ordering remainder of Piles.
The back of proposed main walls and wing walls from top of slab or top of wall to top of footing, shall be waterproofed. For backfill behind abutments. See Art. 50.10 of the Standard Specifications.
Waterproofing shall be done in accordance with Art. 51.20 of the Standard Specifications.
The handrail shall not be poured untill after the falsework has been removed.

WATERWAY INFORMATION

Drainage Area	Acres 4260
Character	Rolling & Cultivated
Bridge Opening Required (25 Yr. Flood)	Sq. Ft. 300
Proposed Bridge Opening	Sq. Ft. 309

STATION 361+45
BUILT 195 BY
STATE OF ILLINOIS
S.B.I. RT. 87 SEC. 115-B-R
LOADING H20-S16

NAME PLATE DETAIL
See Standard 1080

STRESSES

f_s = 20,000 p.s.i.
f_c = 1400 p.s.i. Super
f_c = 800 p.s.i. Sub.
n = 10

Loading H20 S16-44

TOTAL BILL OF MATERIAL

ITEM	SUPER	SUB	TOTAL
Class X Concrete Cu.Yd.	70.0	178.0	248.0
Handrail Concrete Cu.Yd.	2.1		2.1
Reinforcement Bars Lbs.	14680	14270	28950
Untreated Timber Piles 24' long Lin. Ft.		1920	1920
Test Piles Ea.		8	8
Class 'A' Excav. Cu.Yd.		339	339
Class 'B' Excav. Cu.Yd.		352	352
Channel Excav. Cu.Yd.		163	163
Name Plates Ea.	One		one
Removal of Exist. Struct. Ea.			one

16T.

GENERAL PLAN & ELEVATION

S.B.I. RT. 87 SEC. 115 B-R
WHITESIDE COUNTY
STATION 361+45

M. B. BLUE, CHICAGO

MODEL: Noise Wall
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Crk\0_IDOTStructures\0982026-64F57-008-010-ExPlans.dgn
3/16/2023 10:04:48 AM

Kaskaskia Engineering Group, LLC
700 E. Main St., Suite 300, Belleville, Illinois 62220
618.233.5077 phone
618.233.5077 fax
www.KaskaskiaEng.com
PROFESSIONAL REGISTRATIONS: Illinois Professional Design Firm: 184.005772; Professional Engineering Group
LICENSE NO.: 20-3888166

USER NAME =		DESIGNED -	MLC	REVISED -	
		CHECKED -	MMC	REVISED -	
PLOT SCALE =		DRAWN -	MLC	REVISED -	
PLOT DATE =		CHECKED -	MMC	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

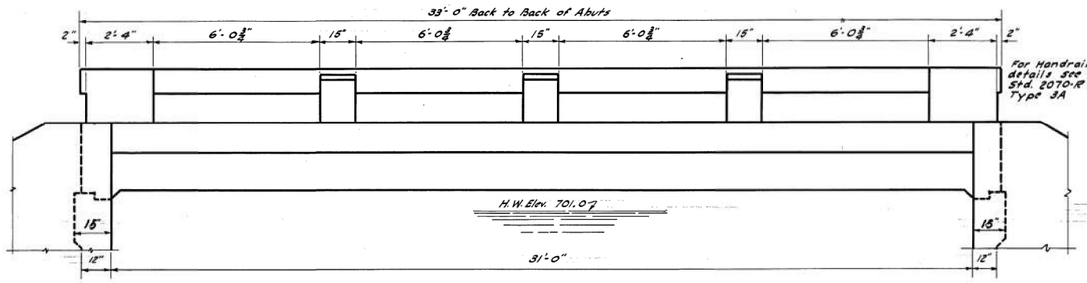
EXISTING PLANS - FOR INFORMATION ONLY
STRUCTURE NO. 098-2026
SHEET 8 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	39
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

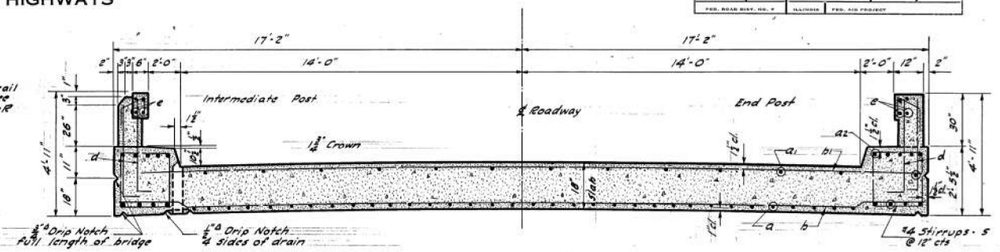
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. 87	115-B-R	Whiteside	15	13
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

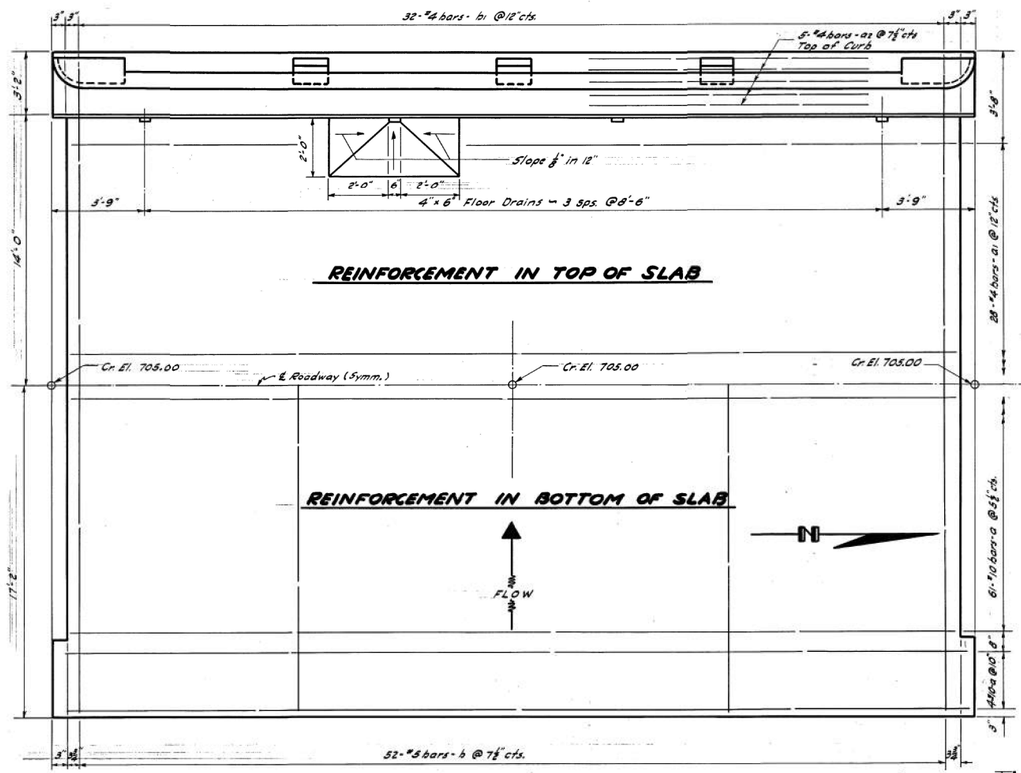
SHEET NO. 2
3 SHEETS



ELEVATION



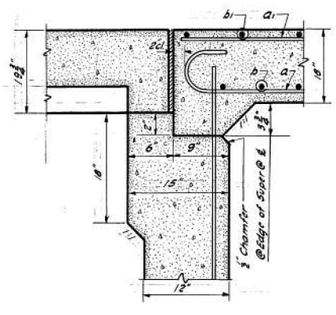
CROSS SECTION



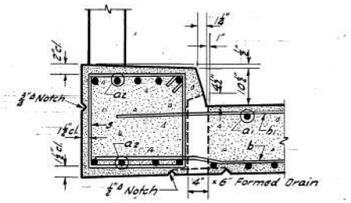
REINFORCEMENT IN TOP OF SLAB

REINFORCEMENT IN BOTTOM OF SLAB

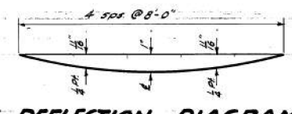
PLAN



SECTION AT TOP OF ABUT.



SECTION THRU CURB



D.L. DEFLECTION DIAGRAM

STRESSES

f_c : 1400 #/in² Super.
f_c : 800 #/in² Substr.
f_s : 20,000 #/in² Tens.
n : 10

Loading - H20 S16 - 44
16 TON PILES - BY W.E. HANSON
OCT. 28, 1952

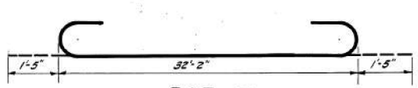
BILL OF MATERIAL - SUPERSTR.

BAR	NO.	SIZE	LENGTH	SHAPE
a	69	#10	35'-0"	
a1	28	#4	32'-0"	
a2	10	#4	32'-6"	
b	52	#5	34'-0"	
b1	32	#4	32'-0"	
d	44	#5	4'-3"	
e	8	#5	31'-0"	
r	20	#4	2'-6"	
s	66	#4	10'-3"	
Class "X" Concrete			Cu.Yds. 70.0	
Reinforcement Bars			Lbs 14680	
Handrail Concrete			Cu.Yds. 2.1	
Removal of Exist. Structure			Ea. one	
Name Plate			Ea. one	

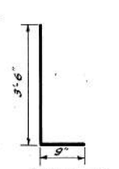
DESIGNED	M.A. Rossack	
CHECKED	W.L. Owen	
DRAWN	M.A.R.	H.J.H.
CHECKED	W.L.O.	

Sept 12 1952

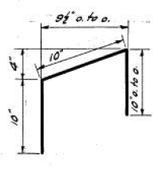
EXAMINED W.E. Hanson
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED E.B. Hanson
ENGINEER OF DESIGN
APPROVED F.N. Barker
CHIEF HIGHWAY ENGINEER



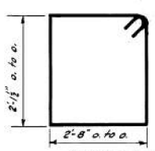
BAR-a



BAR-d



BAR-r



BAR-s

SUPERSTRUCTURE
S.B.I. RT. 87 SEC. 115-B-R
WHITESIDE COUNTY
STA. 361+45

U. S. BLUE, CHICAGO

MODEL: Noise Wall
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Crk\0_IDOT\Structures\0982026-64F57-008-010-ExPlans.dgn
3/16/2023 10:04:56 AM

Kaskaskia Engineering Group, LLC
200 E. Main St., Suite 105, Belleville, Illinois 62220
618.233.5077 phone
618.233.5077 fax
www.kaskaskiaeng.com
PROFESSIONAL DESIGN FIRMS
Illinois Professional Design Firm
Professional Engineering Group
LICENSE NO.
184.005753
20-5800165

USER NAME =		DESIGNED - MLC	REVISED -	
		CHECKED - MMC	REVISED -	
PLOT SCALE =		DRAWN - MLC	REVISED -	
PLOT DATE =		CHECKED - MMC	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

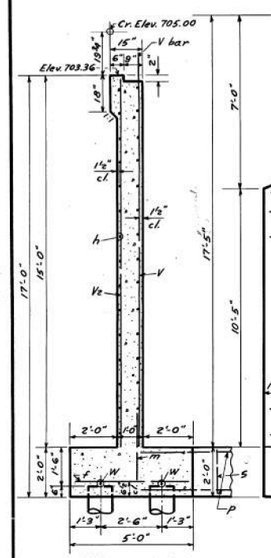
EXISTING PLANS - FOR INFORMATION ONLY
STRUCTURE NO. 098-2026
SHEET 9 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	40
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

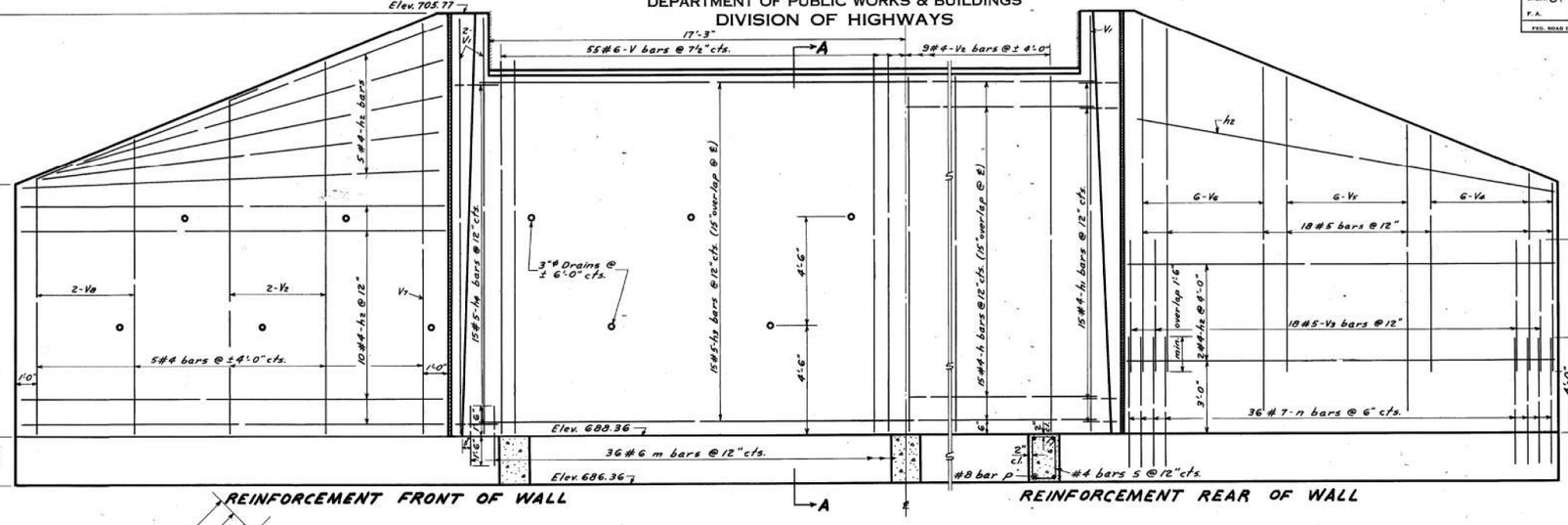
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. 87	115BR	Whiteside	15	14
F.A.				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 3
3 SHEETS



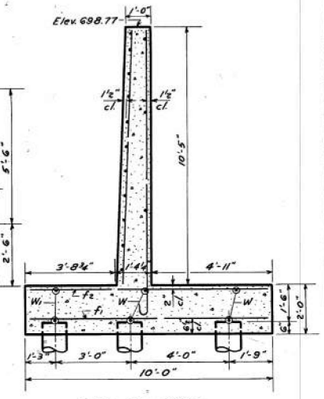
SECTION A-A



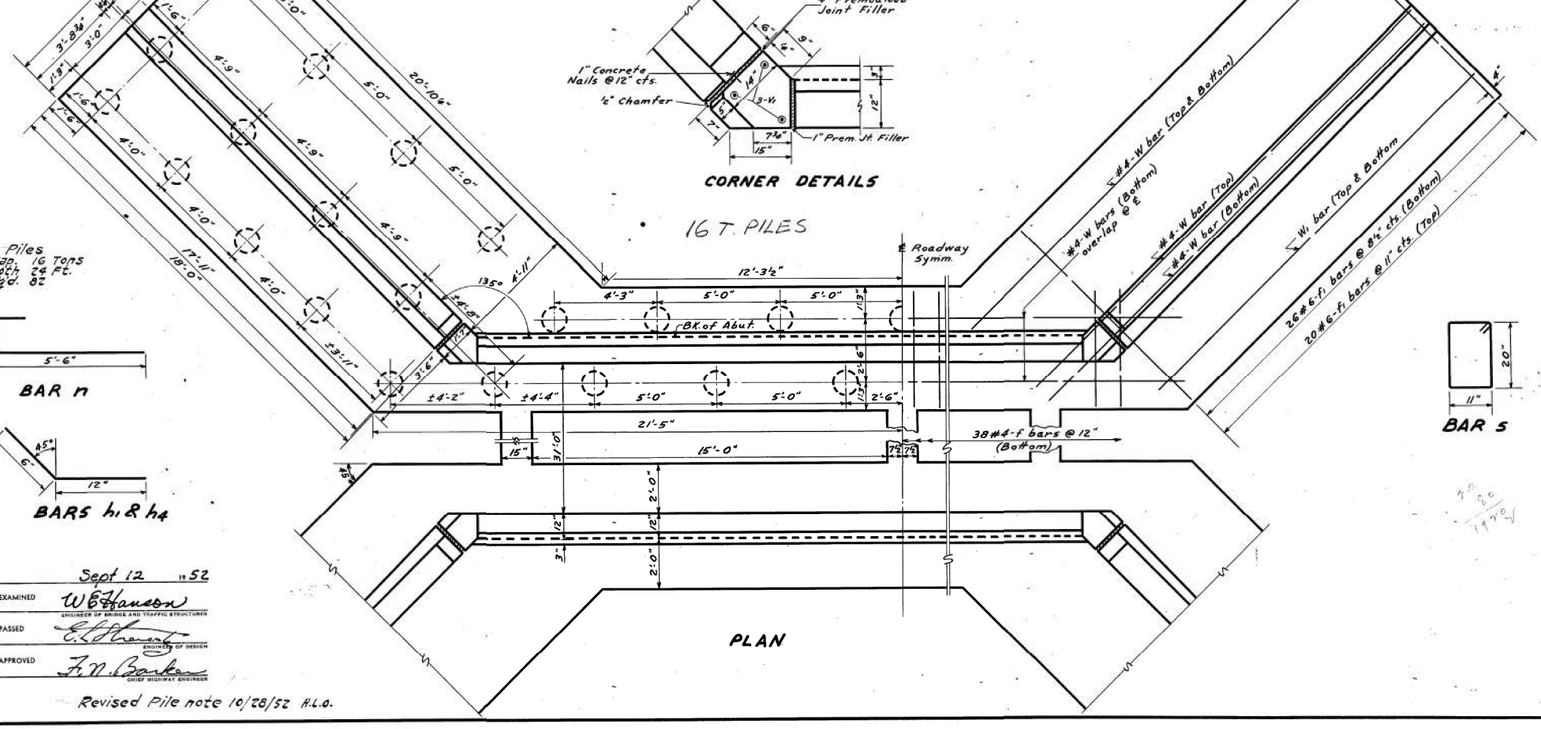
REINFORCEMENT FRONT OF WALL

ELEVATION

REINFORCEMENT REAR OF WALL

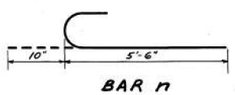


END OF WING

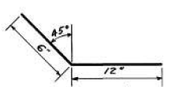


PLAN

CORNER DETAILS



BAR n



BARS h1 & h4

BAR S

BILL OF MATERIAL

Bar	No.	Size	Length
V	110	#6	16'-0"
V1	12	#6	17'-0"
V2	26	#4	14'-9"
V3	72	#5	5'-6"
V4	24	#5	9'-6"
V5	24	#5	12'-0"
V6	24	#5	14'-6"
V7	4	#4	16'-9"
V8	8	#4	12'-0"
h	60	#4	18'-0"
h1	60	#4	1'-6"
h2	72	#4	17'-6"
h3	60	#5	18'-6"
h4	60	#5	1'-6"
n	144	#7	6'-5"
m	72	#6	3'-0"
f	76	#4	4'-6"
f1	184	#6	9'-6"
P	12	#8	31'-0"
S	81	#4	5'-9"
W	24	#4	21'-0"
W1	8	#4	18'-0"
Reinforcement Bars		lb.	14,270
Class X Concrete		cu.yd.	178.0
Untr. Timber Piles (24'-6")		lin. ft.	1920
Test Piles		ea.	2

SUBSTRUCTURE
S.B.I. RT. 87 SEC. 115-B-R
WHITESIDE COUNTY
STA. 361 + 45

DESIGNED	M. A. Rogers	Sept 12	1952
CHECKED	H. K. Owens	EXAMINED	W. B. Hanson, ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
DRAWN	W. A. Sansaman Jr. M&H	PASSED	E. E. Hansen, ENGINEER OF DESIGN
CHECKED	H.L.O.	APPROVED	F. N. Barker, CHIEF HIGHWAY ENGINEER

Revised Pile note 10/28/52 H.L.O.

U. S. BLUE, CHICAGO

MODEL: Noise Wall
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Crk_IDOT\Structures\0982026-64F57-008-010-ExPlans.dgn

3/16/2023 10:05:04 AM

Kaskaskia Engineering Group, LLC
700 E. Main St., Suite 100, Belleville, Illinois 62220
618.233.5077 phone
www.KaskaskiaEng.com
PROFESSIONAL REGISTRATIONS — LICENSE NO.
Illinois Professional Design Firm: 184.007773
Professional Engineering Group: 20-5000345

USER NAME =		DESIGNED - MLC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLANS - FOR INFORMATION ONLY STRUCTURE NO. 098-2026
		CHECKED - MMC	REVISED -		
PLOT SCALE =		DRAWN - MLC	REVISED -		
PLOT DATE =		CHECKED - MMC	REVISED -		SHEET 10 OF 10 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE	160	41
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

Benchmark: Cut "□" on southeast wingwall of Structure No. 098-0049, Station 360+22.51, 19.34' RT, Elev. 704.88.

Existing Structure: Structure No. 071-1001, built in 1936, is a single span reinforced concrete slab span bridge. The back-to-back of abutments measures 18'-0" and the out-to-out measures 36'-0". Existing structure is to be removed.

INDEX OF SHEETS

1. General Plan and Elevation
2.-3. Multi-cell Precast Box Culvert Tapered End Sections
4.-5. Traversable Pipe Grate for Box Culverts
6.-7. Borings
8.-9. Existing Plans

GENERAL NOTES

The design fill height for this box is 8 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

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

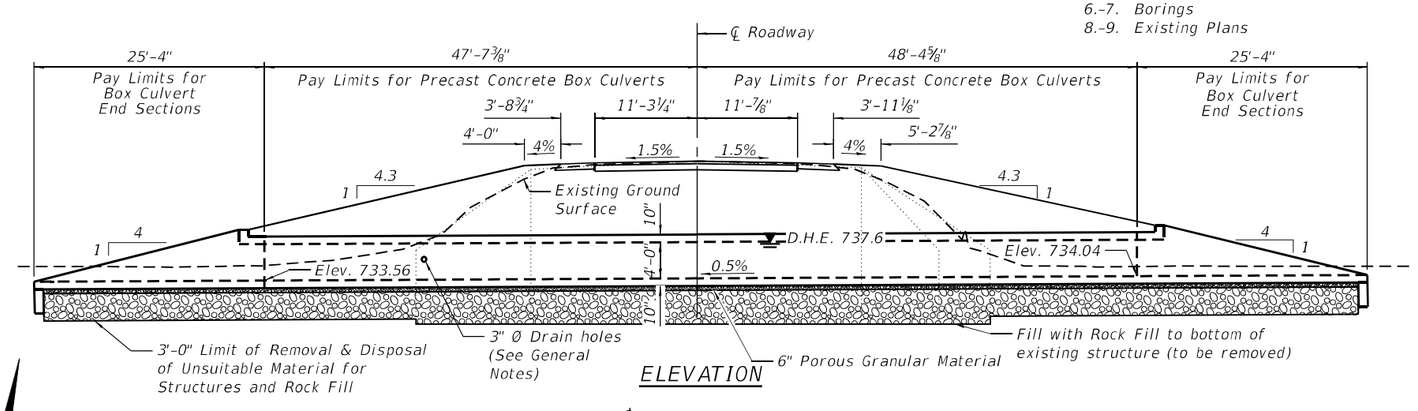
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

Precast concrete box culverts and box culvert end sections shall be backfilled with 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.

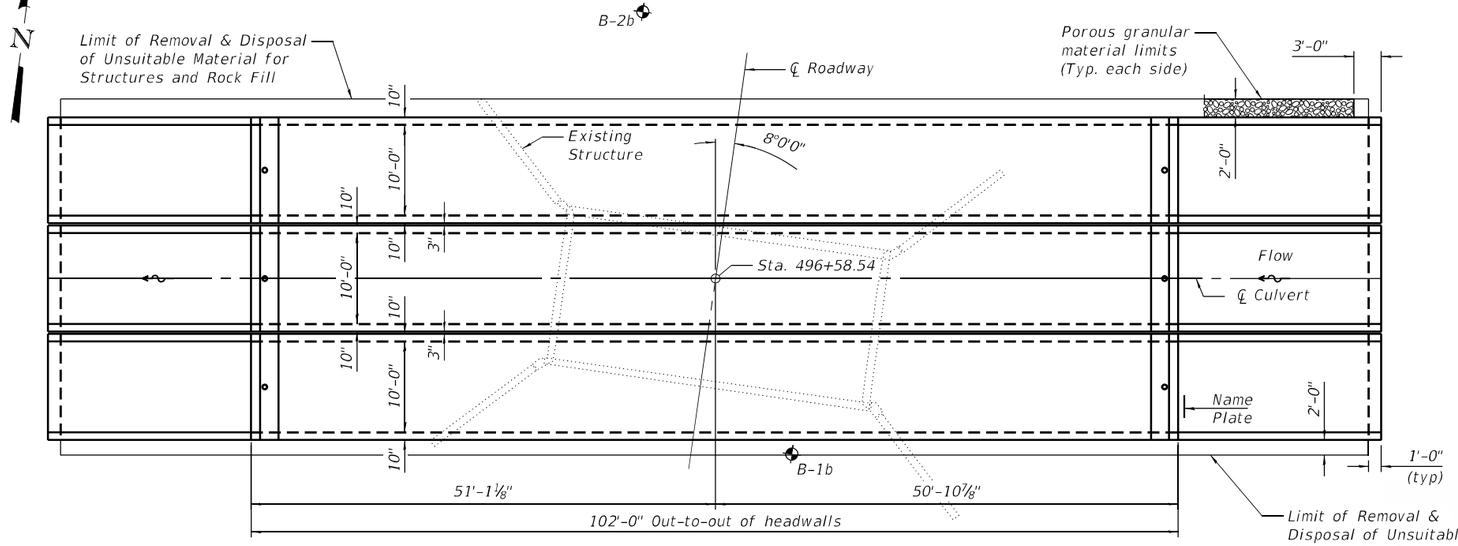
The limits and quantities of removal and replacement shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.

The Rockfill shall be capped with 6 in. of CA7 and satisfy the Standard Specifications unless otherwise indicated in the Special Provisions. The cost of the capping material shall be included in the pay item for Rockfill.

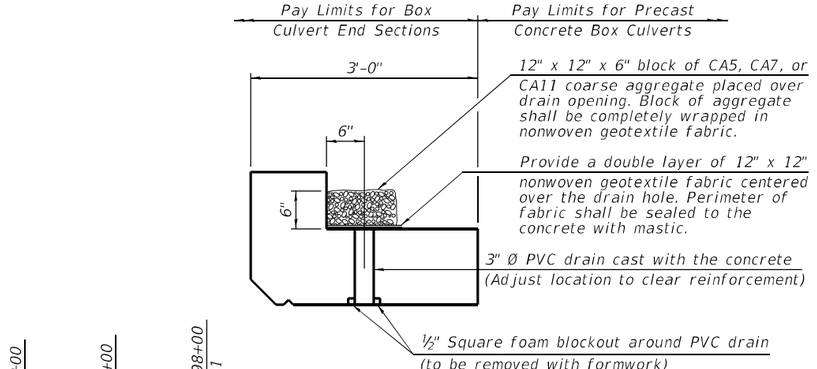
Contractor may use shored or braced excavation for culvert construction at no additional cost to the Department. The excavation plans shall be prepared and sealed by an Illinois-licensed Structural Engineering and shall be submitted to the Engineer for review and acceptance.



ELEVATION

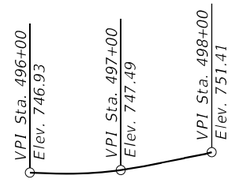


PLAN



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.)



PROFILE GRADE

STATION 496+58.54
BUILT 202_ BY
STATE OF ILLINOIS
F.A.S. RT. 189 SEC. 115BC
LOADING HL-93
STR. NO. 071-2028

NAME PLATE
See Std. 515001

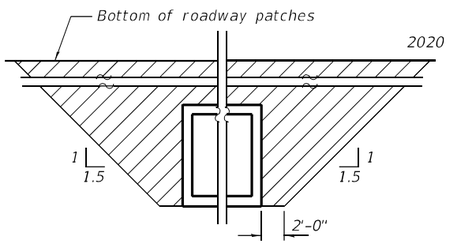
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures No. 2	Each	1
Name Plates	Each	1
Box Culvert End Sections, Culvert No. 2	Each	6
Precast Concrete Box Culverts, 10' x 4'	Foot	288
Removal and Disposal of Unsuitable Material	Cu. Yd.	609
Porous Granular Embankment	Cu. Yd.	1,701
Structure Excavation	Cu. Yd.	1,262
Traversable Pipe Grate for Concrete End Section	Foot	487
Rock Fill	Ton	1,116

WATERWAY INFORMATION

Drainage Area = 1.39 sq. mi. Low Grade Elev. = 746.57 at Sta. 496+46

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	351	59	68	736.3	0.8	0.0	737.1	736.3
Design	50	572	66	81	736.7	0.9	0.7	737.6	737.6
Base	100	674	68	85	736.9	1.7	1.3	738.6	738.2
Overtopping									
Max. Calc.	500	962	74	95	737.2	3.3	2.0	740.5	739.2



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)

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

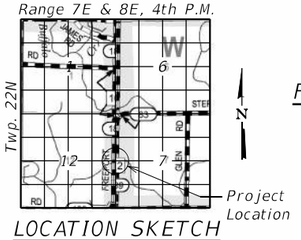
LOADING HL-93

DESIGN STRESSES

PRECAST UNITS
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)

FIELD UNITS
f'c = 3,500 psi
fy = 65,000 psi (Welded Wire Reinforcement)

Range 7E & 8E, 4th P.M.



LOCATION SKETCH

LICENSED STRUCTURAL ENGINEER
MOSHE L. COHEN
081-008104
STATE OF ILLINOIS

Signed: Moshe L Cohen

Dated: 2023-03-16

License Expires: 11-30-2024

GENERAL PLAN AND ELEVATION
FREEPORT ROAD OVER JORDAN CREEK
F.A.S. RTE. 189 SEC. 115BC
OGLE COUNTY
STATION 496+58.54
S.N. 071-2028

MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\071202B-64F57-001-GPE.dgn

3/16/2023 10:02:33 AM

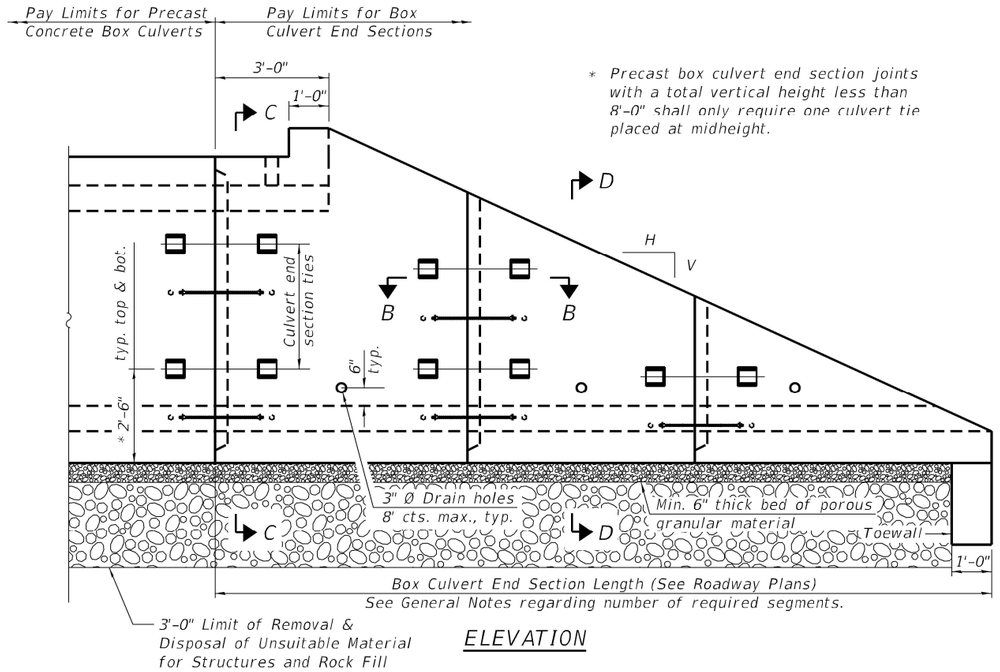
Kaskaskia Engineering Group, LLC
200 E. Main St., Suite 100, Belleville, Illinois 62220
618.233.5977 phone
618.233.5977 fax
www.kaskaskiaeng.com
PROFESSIONAL ENGINEERING — License No. 184.007732
Illinois Professional Design Firm
Professional Engineering Group — 20-2680186

USER NAME =		DESIGNED - MLC	REVISED -	
		CHECKED - JW	REVISED -	
PLOT SCALE =		DRAWN - MLC	REVISED -	
PLOT DATE =		CHECKED - JW	REVISED -	

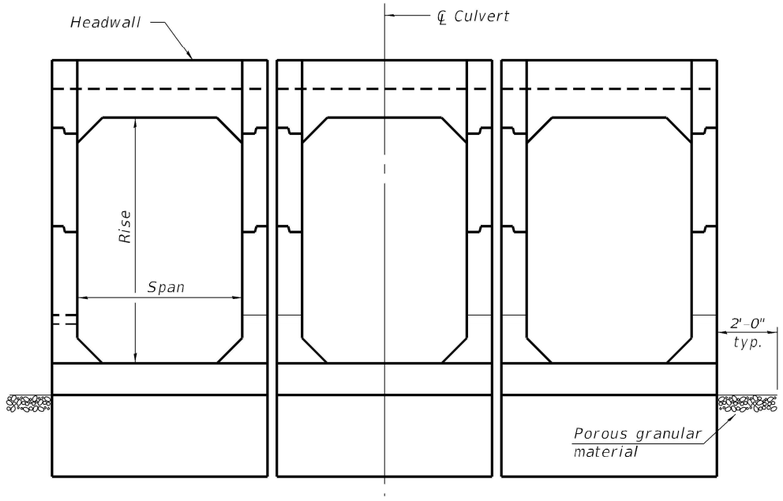
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 071-2028
SHEET 1 OF 9 SHEETS

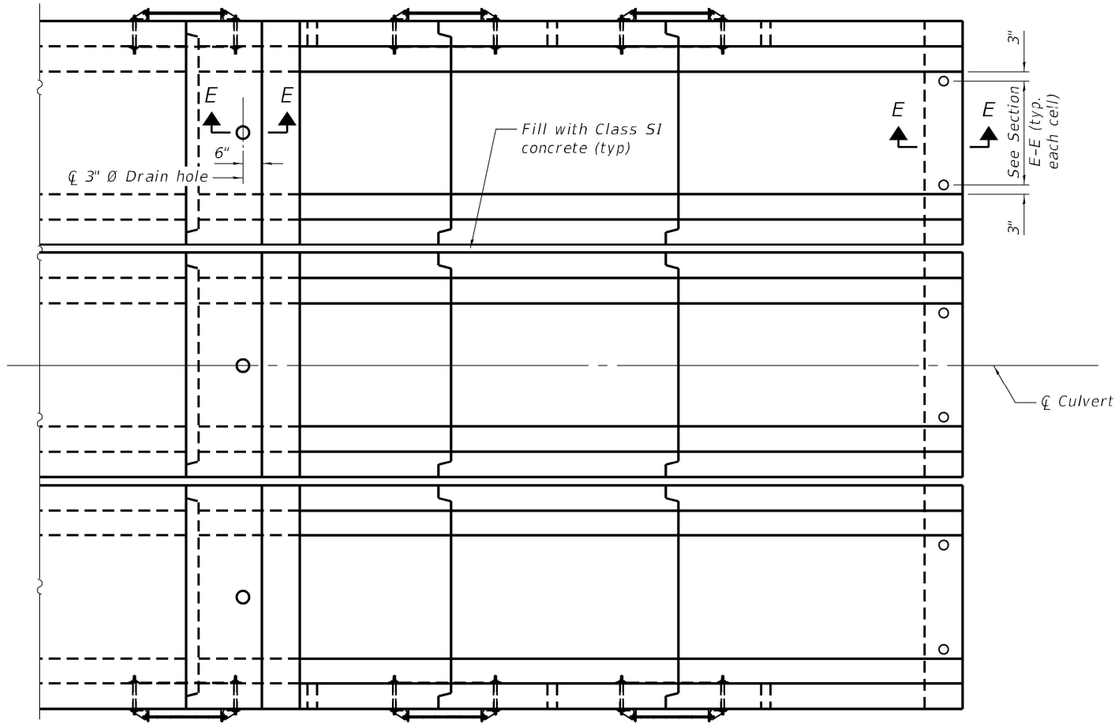
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	OGLE	160	42
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		



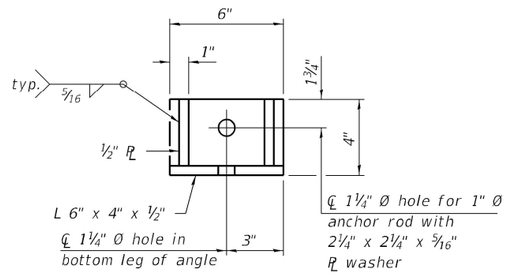
ELEVATION



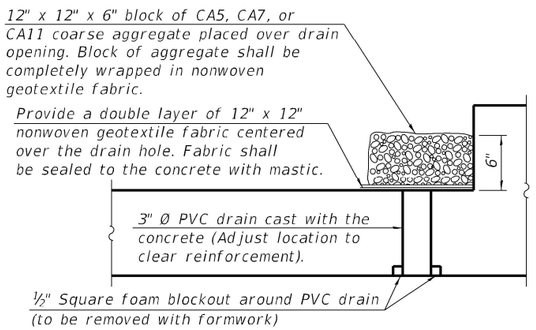
END VIEW



PLAN

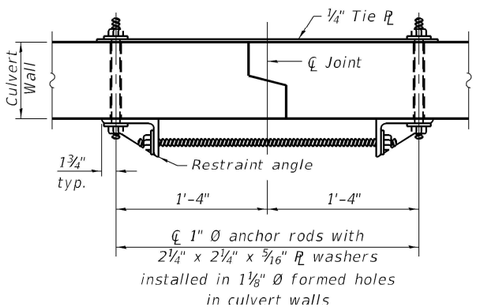


RESTRAINT ANGLE DETAIL



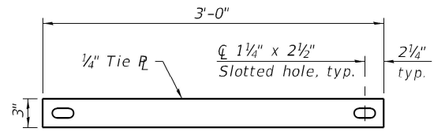
SECTION A-A

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



SECTION B-B

(Showing end section tie details)



TIE PLATE DETAIL

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each, with each end of each culvert being one each. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of 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.

Number of segments shown in Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

See roadway plans for embankment slope (V:H).

1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for 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. 2¼" x 2¼" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional ½ 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.

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 contract unit price for Box Culvert End Sections of the culvert number specified.

Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd.

For end sections with traversable pipe grate systems, see grate detail sheet for required modifications.

The 3" nominal space between adjacent end sections shall be filled with Class SI concrete in accordance with Article 540.06 of the Standard Specifications. Cost included with Box Culvert End Sections.

Details for double cell box culvert shown. Details for other multi-cell box culverts similar.

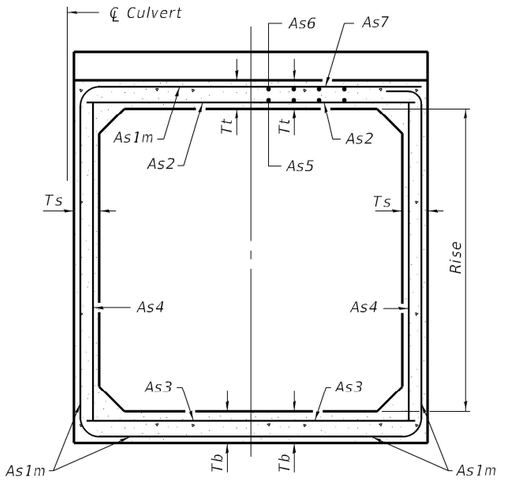
MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\0712028-64F57-002-End Sect 1.dgn

3/16/2023 10:02:38 AM

Kaskaskia Engineering Group, LLC
PROFESSIONAL DESIGN FIRM
Illinois Professional Design Firm: Professional Engineering Group
LICENSE NO.: 184.005773 20.5000165
200 E. Main St., Suite 308 Belleville, Illinois 62220
618.233.5977 phone 618.233.5975 fax
www.kaskaskiaeng.com

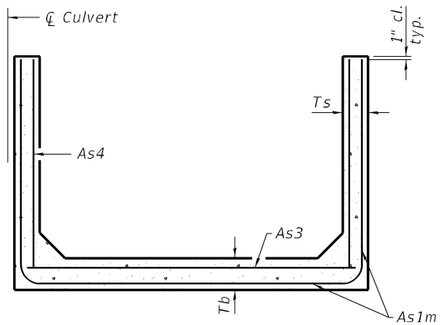
USER NAME =		DESIGNED - MLC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-CELL PRECAST BOX CULVERT TAPERED END SECTIONS STRUCTURE NO. 071-2028
		CHECKED - JW	REVISED -		
PLOT SCALE =		DRAWN - MLC	REVISED -		
PLOT DATE =		CHECKED - JW	REVISED -		SHEET 2 OF 9 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	OGLE	160	43
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

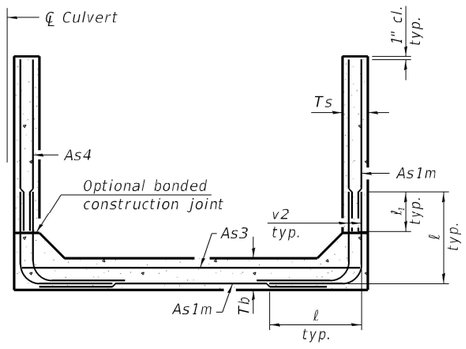


(Design Earth Cover ≥ 2 ft) (Design Earth Cover < 2 ft)

SECTION C-C



SECTION D-D



ALTERNATE SECTION D-D

As1m REINFORCEMENT
(in.²/ ft)

Ts (in.) \ Rise (ft)	2	3	4	5	6	7	8	9	10	11	12
4	0.19	0.17									
5	0.26	0.21	0.18								
6	0.22	0.26	0.23	0.22							
7	0.25	0.33	0.59	0.27	0.28						
8	0.40	0.35	0.43	0.39	0.36	0.34	0.40				
9	0.44	0.39	0.35	0.43	0.40	0.37	0.36	0.48			
10	0.48	0.42	0.38	0.47	0.44	0.41	0.38	0.42	0.56		
11	0.52	0.45	0.54	0.50	0.46	0.44	0.41	0.46	0.50	0.65	
12	0.55	0.49	0.58	0.54	0.50	0.48	0.45	0.46	0.46	0.61	0.75

(As1m reinforcement based upon welded wire reinforcement conforming to AASHTO M 55 or M 221).

ℓ1 DIMENSION

#3 bar = 2'-0"
#4 bar = 2'-8"
#5 bar = 3'-4"
#6 bar = 3'-11"

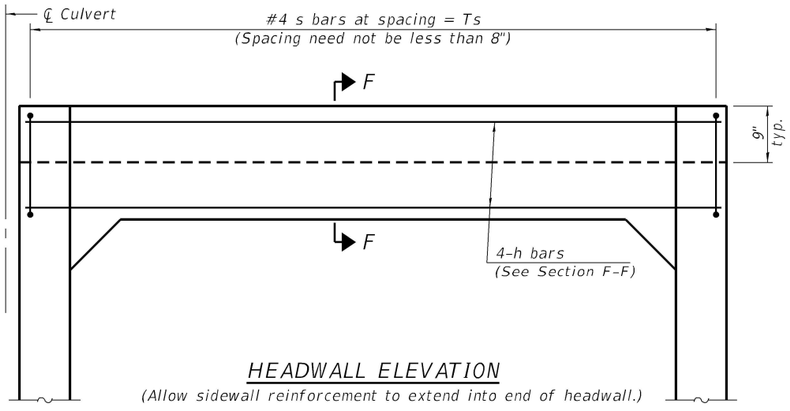
Notes:

Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.

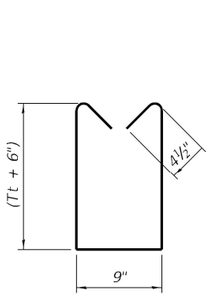
The size and spacing of the v2 bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to 1.10*(As1m). v2 bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

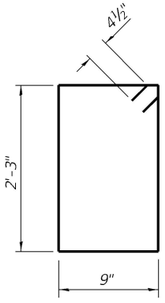
Sections C-C, D-D, and Headwall Elevation are symmetric about ℄ culvert through 180° rotation.



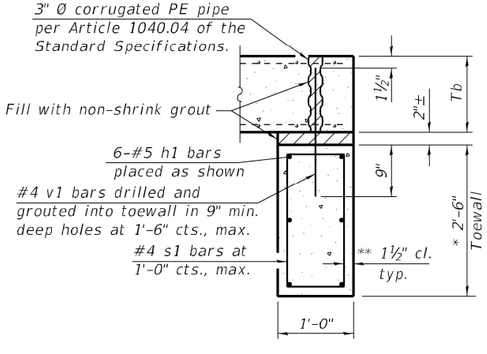
HEADWALL ELEVATION
(Allow sidewall reinforcement to extend into end of headwall.)



BAR s



BAR s1



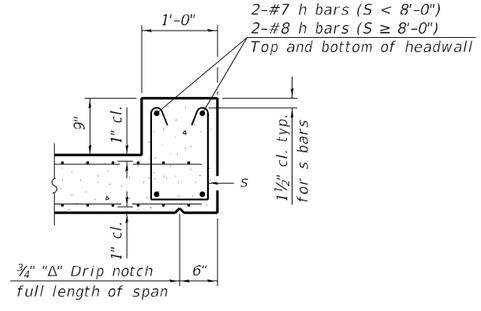
SECTION E-E

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications 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 the method.

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



SECTION F-F

MCB-TES 2-17-2017

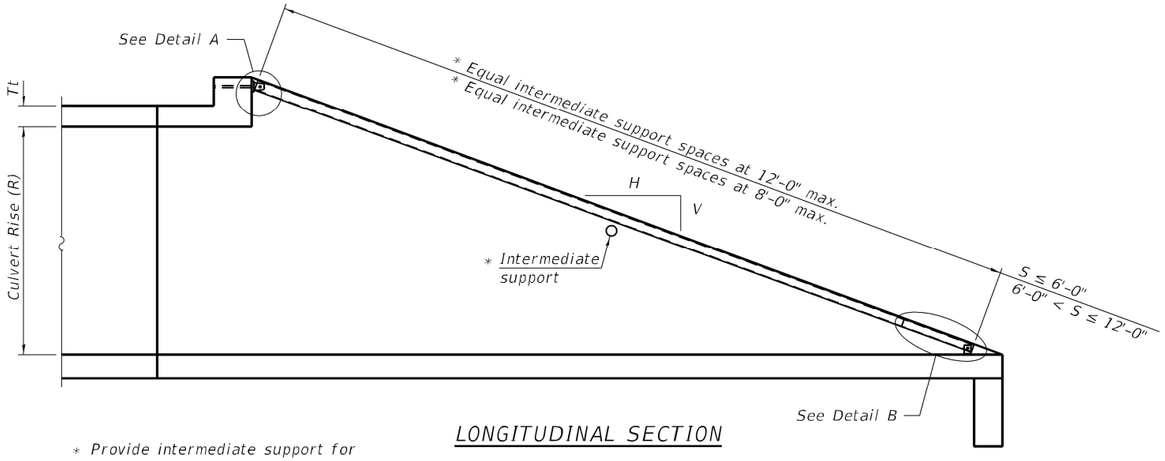
Kaskaskia Engineering Group, LLC
300 E. Main St., Suite 300, Belleville, Illinois 62220
618.233.5977 phone
618.233.5977 fax
www.kaskaskiaeng.com
PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm: 184.007972
Professional Engineering Group 20-5600166
LICENSE NO.

USER NAME =		DESIGNED - MLC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-CELL PRECAST BOX CULVERT TAPERED END SECTIONS STRUCTURE NO. 071-2028
		CHECKED - JW	REVISED -		
PLOT SCALE =		DRAWN - MLC	REVISED -		
PLOT DATE =		CHECKED - JW	REVISED -		SHEET 3 OF 9 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	OGLE	160	44
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

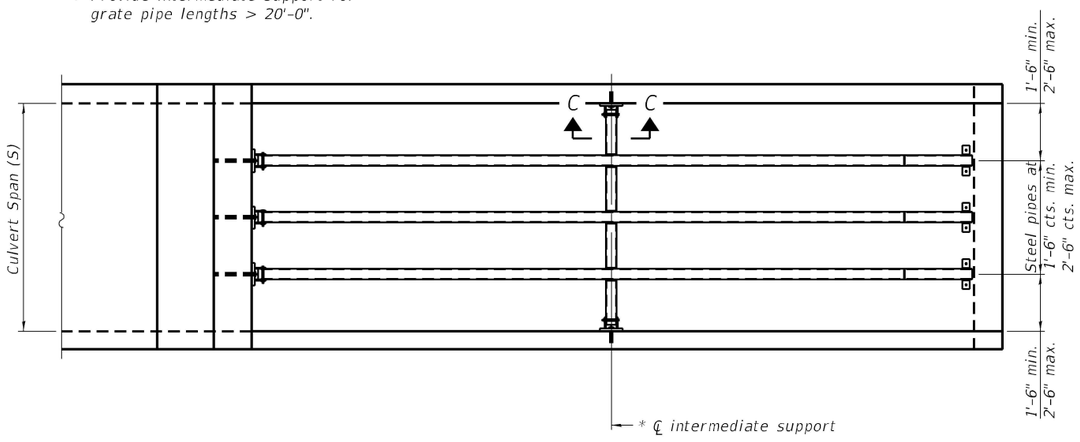
MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Crk\0_IDOT\Structures\071-2028-64F57-003-End Sect 2.dgn

3/16/2023 10:02:39 AM

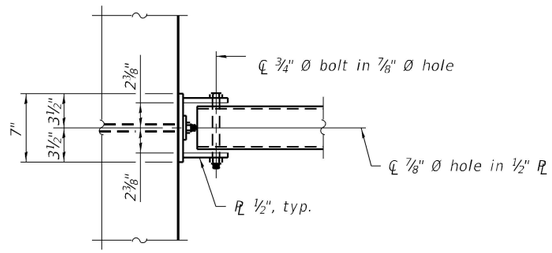


LONGITUDINAL SECTION

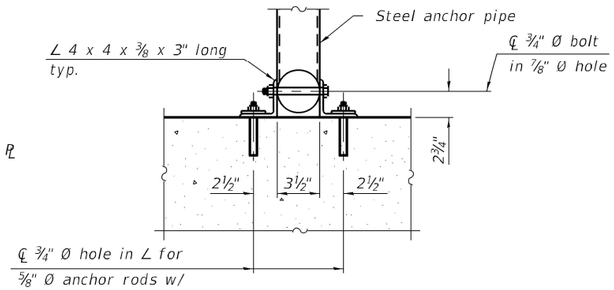
* Provide intermediate support for grate pipe lengths > 20'-0".



PLAN VIEW



VIEW A-A



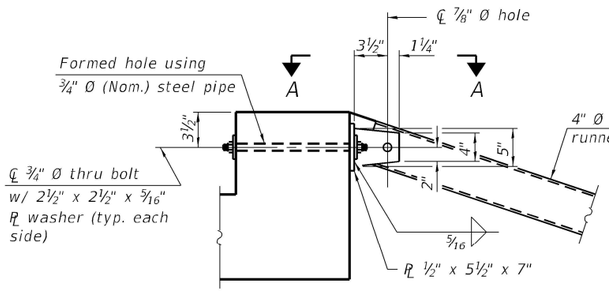
SECTION B-B

GENERAL NOTES

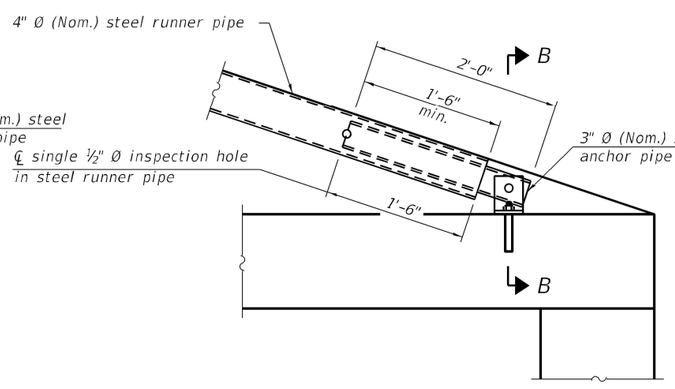
The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1½" unless noted otherwise.

This standard shall only be used on concrete end sections not skewed more than ±15 degrees with roadway.

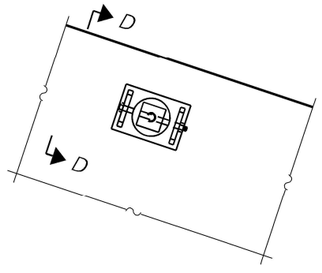
The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completed filled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional ⅓ turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.



DETAIL A

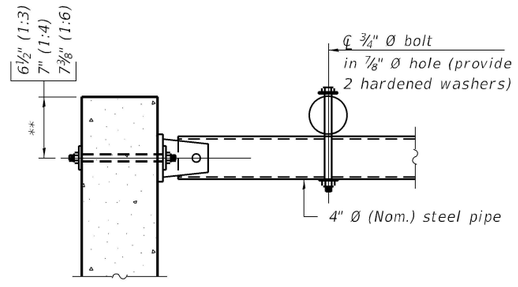


DETAIL B



VIEW C-C

(See Detail A for dimensions and details not shown.)



SECTION D-D

** Measured perpendicular to top of culvert wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert end section.

TPGBC-ZS

2-17-2017

MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOTStructures\071-2028-64F57-004-Bar Grate 1.dgn

3/16/2023 10:02:40 AM

Kaskaskia Engineering Group, LLC
300 E. Main St., Suite 300, Barrington, Illinois 60010
630.433.3477 phone
630.233.3477 fax
www.KaskaskiaEngr.com
PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm: 184.005772
Professional Engineering Group: 20-5000166
LICENSE NO.

USER NAME =	DESIGNED - MLC	REVISED -	
	CHECKED - JW	REVISED -	
PLOT SCALE =	DRAWN - MLC	REVISED -	
PLOT DATE =	CHECKED - JW	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAVERSABLE PIPE GRATE FOR BOX CULVERTS
STRUCTURE NO. 071-2028
SHEET 4 OF 9 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	OGLE	160	45
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

PIPE-GRATE SCHEDULE FOR BOX CULVERT END SECTIONS

Precast Box Culvert Dimensions			Slope of End Section								
			1:3			1:4			1:6		
S (ft)	R (ft)	Tt (in)	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe
4	2	7.5	1 @ 8'-10"	N/A	8'-10"	1 @ 11'-7"	N/A	11'-7"	1 @ 17'-2"	N/A	17'-2"
4	2	5	1 @ 8'-2"	N/A	8'-2"	1 @ 10'-8"	N/A	10'-8"	1 @ 15'-11"	N/A	15'-11"
4	3	7.5	1 @ 12'-0"	N/A	12'-0"	1 @ 15'-8"	N/A	15'-8"	1 @ 23'-3"	1 @ 3'-7"	26'-10"
4	3	5	1 @ 11'-4"	N/A	11'-4"	1 @ 14'-10"	N/A	14'-10"	1 @ 22'-0"	1 @ 3'-7"	25'-7"
4	4	7.5	1 @ 15'-2"	N/A	15'-2"	1 @ 19'-10"	1 @ 3'-7"	23'-5"	1 @ 29'-4"	2 @ 3'-7"	36'-6"
4	4	5	1 @ 14'-6"	N/A	14'-6"	1 @ 18'-11"	N/A	18'-11"	1 @ 28'-1"	2 @ 3'-7"	35'-3"
5	2	8	1 @ 8'-11"	N/A	8'-11"	1 @ 11'-9"	N/A	11'-9"	1 @ 17'-5"	N/A	17'-5"
5	2	6	1 @ 8'-5"	N/A	8'-5"	1 @ 11'-1"	N/A	11'-1"	1 @ 16'-5"	N/A	16'-5"
5	3	8	1 @ 12'-1"	N/A	12'-1"	1 @ 15'-10"	N/A	15'-10"	1 @ 23'-6"	1 @ 4'-7"	28'-1"
5	3	6	1 @ 11'-7"	N/A	11'-7"	1 @ 15'-2"	N/A	15'-2"	1 @ 22'-6"	1 @ 4'-7"	27'-1"
5	4	8	1 @ 15'-3"	N/A	15'-3"	1 @ 20'-0"	1 @ 4'-7"	24'-7"	1 @ 29'-7"	2 @ 4'-7"	38'-9"
5	4	6	1 @ 14'-9"	N/A	14'-9"	1 @ 19'-3"	N/A	19'-3"	1 @ 28'-7"	2 @ 4'-7"	37'-9"
5	5	8	1 @ 18'-5"	N/A	18'-5"	1 @ 24'-1"	2 @ 4'-7"	33'-3"	1 @ 35'-8"	3 @ 4'-7"	49'-5"
5	5	6	1 @ 17'-11"	N/A	17'-11"	1 @ 23'-5"	1 @ 4'-7"	28'-0"	1 @ 34'-8"	2 @ 4'-7"	43'-10"
6	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
6	2	7	2 @ 8'-8"	N/A	17'-4"	2 @ 11'-5"	N/A	22'-10"	2 @ 16'-11"	N/A	33'-10"
6	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	1 @ 5'-7"	52'-7"
6	3	7	2 @ 11'-10"	N/A	23'-8"	2 @ 15'-6"	N/A	31'-0"	2 @ 23'-0"	1 @ 5'-7"	51'-7"
6	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	1 @ 5'-7"	45'-7"	2 @ 29'-7"	2 @ 5'-7"	70'-4"
6	4	7	2 @ 15'-0"	N/A	30'-0"	2 @ 19'-8"	1 @ 5'-7"	44'-11"	2 @ 29'-1"	2 @ 5'-7"	69'-4"
6	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	2 @ 5'-7"	59'-4"	2 @ 35'-8"	3 @ 5'-7"	88'-1"
6	5	7	2 @ 18'-2"	N/A	36'-4"	2 @ 23'-9"	2 @ 5'-7"	58'-8"	2 @ 35'-2"	2 @ 5'-7"	81'-6"
6	6	8	2 @ 21'-7"	1 @ 5'-7"	48'-9"	2 @ 28'-3"	2 @ 5'-7"	67'-8"	2 @ 41'-9"	3 @ 5'-7"	100'-3"
6	6	7	2 @ 21'-4"	1 @ 5'-7"	48'-3"	2 @ 27'-11"	2 @ 5'-7"	67'-0"	2 @ 41'-3"	3 @ 5'-7"	99'-3"
7	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
7	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	2 @ 6'-7"	60'-2"
7	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	2 @ 6'-7"	53'-2"	2 @ 29'-7"	3 @ 6'-7"	78'-11"
7	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	3 @ 6'-7"	67'-11"	2 @ 35'-8"	4 @ 6'-7"	97'-8"
7	6	8	2 @ 21'-7"	2 @ 6'-7"	56'-4"	2 @ 28'-3"	3 @ 6'-7"	76'-3"	2 @ 41'-9"	5 @ 6'-7"	116'-5"
7	7	8	2 @ 24'-9"	3 @ 6'-7"	69'-3"	2 @ 32'-4"	4 @ 6'-7"	91'-0"	2 @ 47'-10"	6 @ 6'-7"	135'-2"
8	2	8	3 @ 8'-11"	N/A	26'-9"	3 @ 11'-9"	N/A	35'-3"	3 @ 17'-5"	N/A	52'-3"
8	3	8	3 @ 12'-1"	N/A	36'-3"	3 @ 15'-10"	N/A	47'-6"	3 @ 23'-6"	2 @ 7'-7"	85'-8"
8	4	8	3 @ 15'-3"	N/A	45'-9"	3 @ 20'-0"	2 @ 7'-7"	75'-2"	3 @ 29'-7"	3 @ 7'-7"	111'-6"
8	5	8	3 @ 18'-5"	N/A	55'-3"	3 @ 24'-1"	3 @ 7'-7"	95'-0"	3 @ 35'-8"	4 @ 7'-7"	137'-4"
8	6	8	3 @ 21'-7"	2 @ 7'-7"	79'-11"	3 @ 28'-3"	3 @ 7'-7"	107'-6"	3 @ 41'-9"	5 @ 7'-7"	163'-2"
8	7	8	3 @ 24'-9"	3 @ 7'-7"	97'-0"	3 @ 32'-4"	4 @ 7'-7"	127'-4"	3 @ 47'-10"	6 @ 7'-7"	189'-0"
8	8	8	3 @ 27'-11"	3 @ 7'-7"	106'-6"	3 @ 36'-6"	4 @ 7'-7"	139'-10"	3 @ 53'-11"	6 @ 7'-7"	207'-3"
9	2	9	3 @ 9'-3"	N/A	27'-9"	3 @ 12'-1"	N/A	36'-3"	3 @ 17'-11"	N/A	53'-9"
9	3	9	3 @ 12'-4"	N/A	37'-0"	3 @ 16'-2"	N/A	48'-6"	3 @ 24'-0"	3 @ 8'-7"	97'-9"
9	4	9	3 @ 15'-6"	N/A	46'-6"	3 @ 20'-4"	2 @ 8'-7"	78'-2"	3 @ 30'-1"	3 @ 8'-7"	116'-0"
9	5	9	3 @ 18'-8"	N/A	56'-0"	3 @ 24'-5"	3 @ 8'-7"	99'-0"	3 @ 36'-2"	4 @ 8'-7"	142'-10"
9	6	9	3 @ 21'-10"	2 @ 8'-7"	82'-8"	3 @ 28'-7"	3 @ 8'-7"	111'-6"	3 @ 42'-3"	5 @ 8'-7"	169'-8"
9	7	9	3 @ 25'-0"	3 @ 8'-7"	100'-9"	3 @ 32'-8"	4 @ 8'-7"	132'-4"	3 @ 48'-4"	6 @ 8'-7"	196'-6"
9	8	9	3 @ 28'-2"	3 @ 8'-7"	110'-3"	3 @ 36'-10"	4 @ 8'-7"	144'-10"	3 @ 54'-5"	6 @ 8'-7"	214'-9"
9	9	9	3 @ 31'-4"	3 @ 8'-7"	119'-9"	3 @ 40'-11"	5 @ 8'-7"	165'-8"	3 @ 60'-6"	7 @ 8'-7"	241'-7"
10	2	10	3 @ 9'-6"	N/A	28'-6"	3 @ 12'-5"	N/A	37'-3"	3 @ 18'-5"	N/A	55'-3"
10	3	10	3 @ 12'-8"	N/A	38'-0"	3 @ 16'-6"	N/A	49'-6"	3 @ 24'-6"	3 @ 9'-7"	102'-3"
10	4	10	3 @ 15'-10"	N/A	47'-6"	3 @ 20'-8"	2 @ 9'-7"	81'-2"	3 @ 30'-7"	3 @ 9'-7"	120'-6"
10	5	10	3 @ 19'-0"	N/A	57'-0"	3 @ 24'-9"	3 @ 9'-7"	103'-0"	3 @ 36'-8"	4 @ 9'-7"	148'-4"
10	6	10	3 @ 22'-1"	2 @ 9'-7"	85'-5"	3 @ 28'-11"	3 @ 9'-7"	115'-6"	3 @ 42'-9"	5 @ 9'-7"	176'-2"
10	7	10	3 @ 25'-3"	3 @ 9'-7"	104'-6"	3 @ 33'-0"	4 @ 9'-7"	137'-4"	3 @ 48'-10"	6 @ 9'-7"	204'-0"
10	8	10	3 @ 28'-5"	3 @ 9'-7"	114'-0"	3 @ 37'-2"	4 @ 9'-7"	149'-10"	3 @ 54'-11"	6 @ 9'-7"	222'-3"
10	9	10	3 @ 31'-7"	4 @ 9'-7"	133'-1"	3 @ 41'-3"	5 @ 9'-7"	171'-8"	3 @ 61'-0"	7 @ 9'-7"	250'-1"
10	10	10	3 @ 34'-9"	4 @ 9'-7"	142'-7"	3 @ 45'-5"	5 @ 9'-7"	184'-2"	3 @ 67'-1"	8 @ 9'-7"	277'-11"
11	2	11	4 @ 9'-9"	N/A	39'-0"	4 @ 12'-9"	N/A	51'-0"	4 @ 18'-11"	N/A	75'-8"
11	3	11	4 @ 12'-11"	N/A	51'-8"	4 @ 16'-11"	N/A	67'-8"	4 @ 25'-0"	3 @ 10'-7"	131'-9"
11	4	11	4 @ 16'-1"	N/A	64'-4"	4 @ 21'-0"	2 @ 10'-7"	105'-2"	4 @ 31'-1"	3 @ 10'-7"	156'-1"
11	6	11	4 @ 22'-5"	2 @ 10'-7"	110'-10"	4 @ 29'-3"	3 @ 10'-7"	148'-9"	4 @ 43'-3"	5 @ 10'-7"	225'-11"
11	8	11	4 @ 28'-9"	3 @ 10'-7"	146'-9"	4 @ 37'-6"	4 @ 10'-7"	192'-4"	4 @ 55'-5"	6 @ 10'-7"	285'-2"
11	10	11	4 @ 35'-0"	4 @ 10'-7"	182'-4"	4 @ 45'-9"	5 @ 10'-7"	235'-11"	4 @ 67'-7"	8 @ 10'-7"	355'-0"
11	11	11	4 @ 38'-2"	4 @ 10'-7"	195'-0"	4 @ 49'-10"	6 @ 10'-7"	262'-10"	4 @ 73'-8"	9 @ 10'-7"	389'-11"
12	2	12	4 @ 10'-0"	N/A	40'-0"	4 @ 13'-1"	N/A	52'-4"	4 @ 19'-5"	N/A	77'-8"
12	3	12	4 @ 13'-2"	N/A	52'-8"	4 @ 17'-3"	N/A	69'-0"	4 @ 25'-6"	3 @ 11'-7"	136'-9"
12	4	12	4 @ 16'-4"	N/A	65'-4"	4 @ 21'-4"	2 @ 11'-7"	108'-6"	4 @ 31'-7"	4 @ 11'-7"	172'-8"
12	6	12	4 @ 22'-8"	2 @ 11'-7"	113'-10"	4 @ 29'-7"	3 @ 11'-7"	153'-1"	4 @ 43'-9"	5 @ 11'-7"	232'-11"
12	8	12	4 @ 29'-0"	3 @ 11'-7"	150'-9"	4 @ 37'-10"	4 @ 11'-7"	197'-8"	4 @ 55'-11"	7 @ 11'-7"	304'-9"
12	10	12	4 @ 35'-4"	4 @ 11'-7"	187'-8"	4 @ 46'-1"	5 @ 11'-7"	242'-3"	4 @ 68'-1"	8 @ 11'-7"	365'-0"
12	12	12	4 @ 41'-8"	5 @ 11'-7"	224'-7"	4 @ 54'-4"	6 @ 11'-7"	286'-10"	4 @ 80'-3"	10 @ 11'-7"	436'-10"

TPGBC-ZS

2-17-2017

(Sheet 2 of 2)

Kaskaskia Engineering Group, LLC
390 E. Main St., Suite 100, Danville, Illinois 61832
PROFESSIONAL REGISTRATIONS
Illinois Professional Design Firm: LICENSE NO. 184.006773
Professional Engineering Group: 20-5880185

USER NAME =	DESIGNED - MLC	REVISED -	
	CHECKED - JW	REVISED -	
PLOT SCALE =	DRAWN - MLC	REVISED -	
PLOT DATE =	CHECKED - JW	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAVERSABLE PIPE GRATE FOR BOX CULVERTS
STRUCTURE NO. 071-2028
SHEET 5 OF 9 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	OGLE	160	46
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\0712028-64F57-005-Bar Grate 2.dgn

3/16/2023 10:02:42 AM

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Date 5/1/09

ROUTE FAS 189 DESCRIPTION P92-119-09 Bridge on Freeport Road, .5 m. N. of Pilgrim Road LOGGED BY W. Garza

SECTION - LOCATION Jordan Twp. - 12E, SEC., TWP. 22N, RNG. 7E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 071-1001
Station

BORING NO. B-1b
Station 18' S. of Center
Offset 11.00ft E of CL
Ground Surface Elev. 99.60 ft

Surface Water Elev. 87.50 ft
Stream Bed Elev. 86.00 ft

Groundwater Elev.:
First Encounter 25.0 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT brown LOAM			
		0.3 P	13.0
97.10			
STIFF brown SILTY CLAY	2		
	2 4	1.1 P	22.0
95.60			
-5			
STIFF brown SILTY CLAY LOAM	4		
	4 5	1.8 P	24.0
93.10			
MEDIUM brown SILTY LOAM	1		
	2 3	0.6 P	28.0
90.60			
-10			
MEDIUM brown SILTY LOAM	2		
	2 3	0.8 P	27.0
88.10			
MEDIUM brown SILTY CLAY LOAM	1		
	2 3	0.9 B	26.0
85.60			
-15			
SOFT brown LOAM with LIMESTONE fragments	2		
	3 7	0.3 P	29.0
83.10			
STIFF brown LOAM	4		
	4 8	1.0 B	32.0
80.60			
-20			
STIFF tan SILTY LOAM	4		
	5 7	1.1 B	19.0
77.60			
LOOSE tan weathered LIMESTONE	1		
	3 4		
75.60			
-25			
LOOSE brown fine SAND	0		
	2 3		
73.10			
MEDIUM tan/brown fine SAND with LIMESTONE fragments	7		
	14 13		
70.60			
-30			
MEDIUM tan weathered LIMESTONE	7		
	11 15		
68.10			
VERY DENSE tan weathered LIMESTONE	18		
	61 6		
65.60			
-35			
VERY DENSE tan weathered LIMESTONE	100/2"		
64.10			
Borehole continued with rock coring.			
-40			

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

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

ROCK CORE LOG

Date 5/1/09

ROUTE FAS 189 DESCRIPTION P92-119-09 Bridge on Freeport Road, .5 m. N. of Pilgrim Road LOGGED BY W. Garza

SECTION - LOCATION Jordan Twp. - 12E, SEC., TWP. 22N, RNG. 7E

COUNTY Whiteside CORING METHOD

STRUCT. NO. 071-1001
Station

CORING BARREL TYPE & SIZE

BORING NO. B-1b
Station 18' S. of Center
Offset 11.00ft E of CL
Ground Surface Elev. 99.60 ft

Core Diameter 2 in
Top of Rock Elev. 77.60 ft
Begin Core Elev. 64.10 ft

DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
Dolomite: tan-yellow, chalky, horizontal joints are severely weathered. t.s.f.: 70.8 to 70.3	1	100	47	2.4	417.0
64.10					
-40					
Dolomite: as above, though fossiliferous.	2	100	52	2.2	577.0
59.10					
-45					
End of Boring					
54.10					
-50					
-55					

Color pictures of the cores _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

MODEL: Noise Wall
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Crk_IDOT\Structures\0712028-64F57-006-007-Borings.dgn

3/16/2023 10:02:43 AM

Kaskaskia Engineering Group, LLC
PROFESSIONAL REGISTRATIONS: Illinois Professional Design Firm; Professional Engineering Group
LICENSE NO.: 184.005751; 20-3000546

USER NAME =	DESIGNED - MLC	REVISED -	
	CHECKED - JW	REVISED -	
PLOT SCALE =	DRAWN - MLC	REVISED -	
PLOT DATE =	CHECKED - JW	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORINGS
STRUCTURE NO. 071-2028
SHEET 6 OF 9 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	OGLE	160	47
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Date 5/4/09

ROUTE FAS 189 DESCRIPTION P92-119-09 Bridge on Freeport Road, .5 m. N. of Pilgrim Road LOGGED BY W. Garza

SECTION - LOCATION Jordan Twp. - 12E, SEC., TWP. 22N, RNG. 7E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. _____
Station _____

BORING NO. B-2b
Station 28' N. of Center
Offset 12.00ft W CL
Ground Surface Elev. 99.90 ft

Surface Water Elev. 87.50 ft
Stream Bed Elev. 86.00 ft

Groundwater Elev.:
First Encounter 74.9 ft ▼
Upon Completion _____ ft
After _____ Hrs. _____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Shoulder Rock				
	97.40			
STIFF brown SILTY CLAY LOAM		3		
		3	1.8	24.0
	95.90	5	P	
	-5			
STIFF brown SILTY CLAY LOAM		3		
		3	1.0	23.0
	93.40	3	P	
STIFF gray SILTY CLAY LOAM		2		
		4	1.4	22.0
	90.90	5	B	
	-10			
STIFF dark gray SILTY LOAM		2		
		2	1.0	29.0
	88.40	4	P	
STIFF brown SILTY LOAM		2		
		3	1.5	32.0
	85.90	6	B	
	-15			
MEDIUM brown SILTY CLAY LOAM		2		
		3	0.6	27.0
	83.40	4	P	
MEDIUM brown LOAM with GRAVEL		2		
		3	0.6	18.0
	80.90	4	P	
	-20			

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT tan Loam		1		
		1	0.3	36.0
		2	P	
	77.90			
MEDIUM tan dirty SAND		3		
		5		
		8		
	75.40			
	▼-25			
STIFF tan SILTY CLAY with GRAVEL		6		
		4	1.9	23.0
	73.40	10	B	
VERY STIFF tan CLAY LOAM		4		
		6	2.3	21.0
		10	B	
	70.40			
	-30			
VERY DENSE tan weathered LIMESTONE		100/2.5"		
	68.40			
VERY DENSE tan weathered LIMESTONE	66.90	100/1"		
Auger Refusal at 33'				
End of Boring				
	-35			
	-40			

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

BBS, from 137 (Rev. 8-99)

MODEL: Noise Wall
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Cr\0_IDOT\Structures\0712028-64F57-006-007-Borings.dgn

3/16/2023 10:02:51 AM

Kaskaskia Engineering Group, LLC
700 E. Main St., Suite 160, Belleville, Illinois 62220, 618.233.5877 phone, 618.233.5975 fax, www.kaskaskiaeng.com
PROFESSIONAL ASSOCIATION CERTIFICATE: Illinois Professional Design Firm: Professional Engineering Group — LICENSE NO.: 184.006793, 20.5808566

USER NAME =	DESIGNED - MLC	REVISED -	
	CHECKED - JW	REVISED -	
PLOT SCALE =	DRAWN - MLC	REVISED -	
PLOT DATE =	CHECKED - JW	REVISED -	

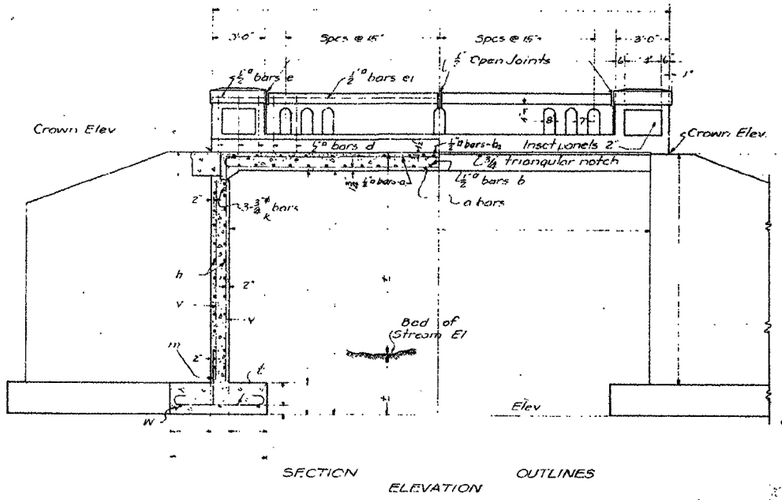
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORINGS
STRUCTURE NO. 071-2028
SHEET 7 OF 9 SHEETS

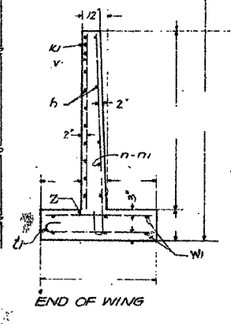
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	OGLE	160	48
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

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

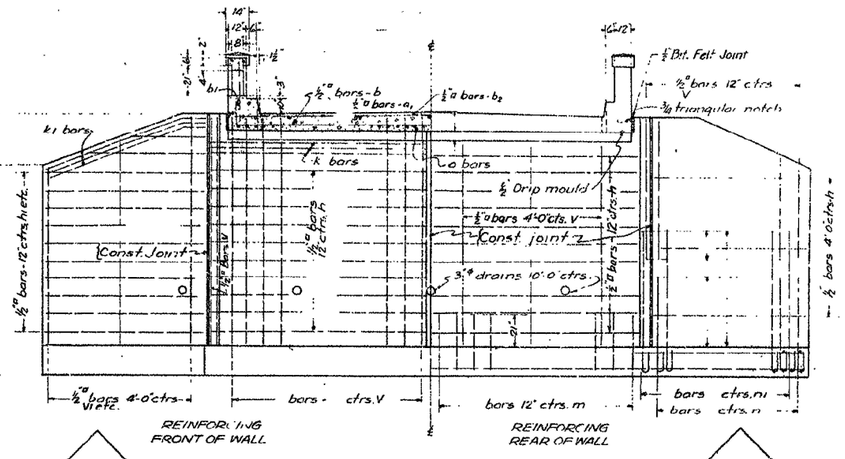
SHEET NO.
SHEETS



SECTION ELEVATION

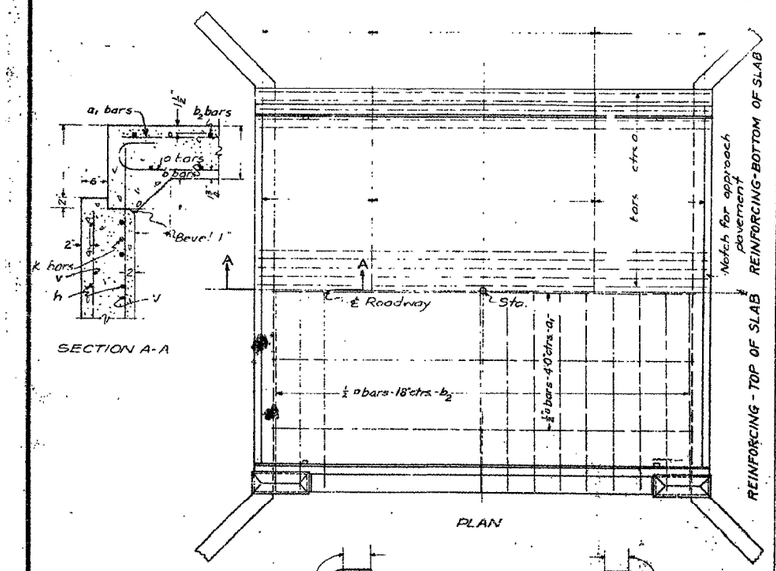


END OF WING



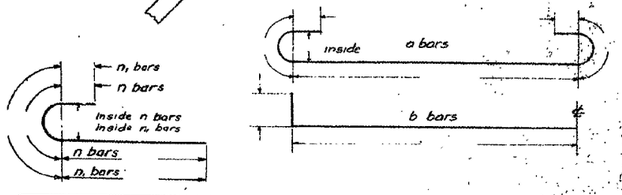
REINFORCING FRONT OF WALL

REINFORCING REAR OF WALL



SECTION A-A

PLAN



BILL OF MATERIALS
SUPERSTRUCTURE

Bars	No	Size	Length
a		1/2"a	
a1		"	
b		"	
b1		"	
b2		"	
d		"	3'-6"
e		"	3'-0"
e1		"	

Reinforcing Steel-Lbs
Class X Concrete-Cu Yds
Hand Rail Concrete-Cu Yds.

Removal of Old Bridge
Name Plate - Each

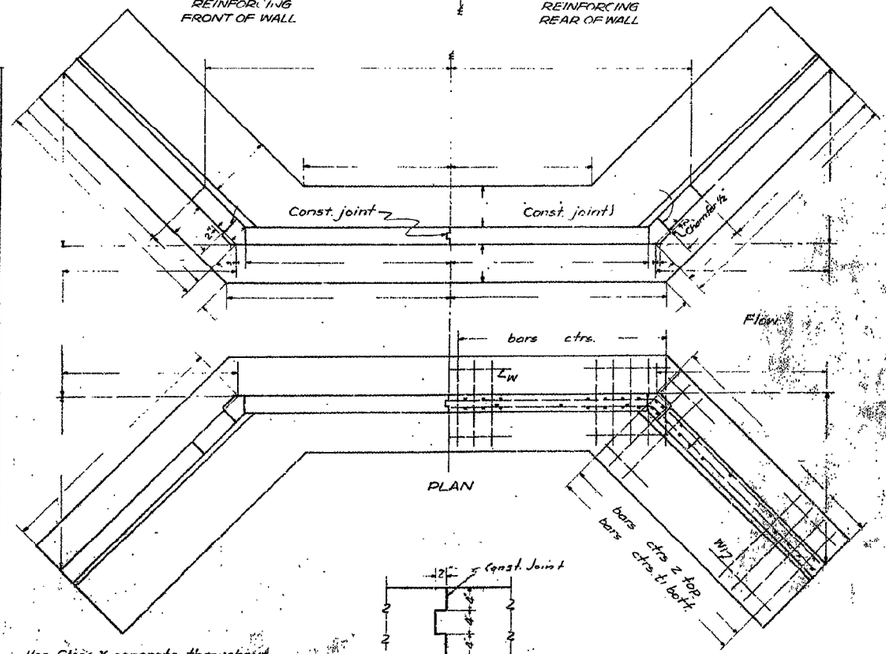
SUBSTRUCTURE

Bars	No	Size	Length
V			
V1		1/2"a	
V2		"	
V3		"	
V4		"	
V5		"	
V6		"	
V7		1/2"a	
k		6"a	
h1		"	
h2		"	
h3		1/2"a	
m		"	
n		"	
n1		"	
t		"	
t1		"	
w		1/2"a	
w1		1/2"a	
z		3/4"a	
z1		3/4"a	

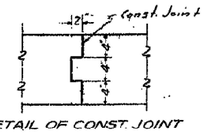
Reinforcing Steel-Lbs
Class X Concrete-Cu Yds
Unit Piles up to 20 Lin Ft
Test Piles

STANDARD	COMPUTED	R.Swanson
	CHECKED	M.J.Abrahamson
	DRAWN	R.Swanson
	CHECKED	M.J.Abrahamson
SPECIAL	ASSEMBLED	
	CHECKED	

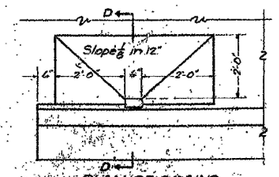
EXAMINED _____ 19__
PASSED _____ BRIDGE ENGINEER
APPROVED _____ ENGINEER OF BRIDGES
CHIEF HIGHWAY ENGINEER



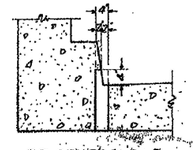
Use Class X concrete throughout. Reinforcing steel shall be wired securely in place before concrete is poured.



DETAIL OF CONST. JOINT



PLAN OF DRAINS

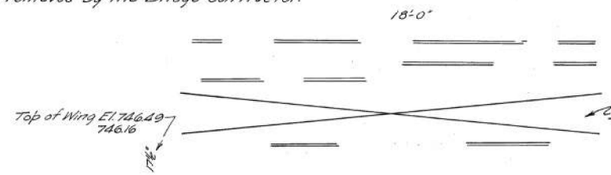


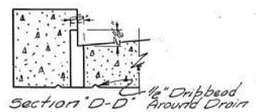
SECTION D-D

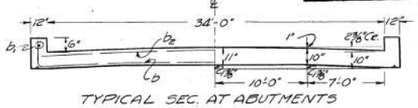
16.9-A

SCHED ISSUE ROUTE No.	SEC.	COUNTY	TOTAL SHEETS	SHEET No.
	115-B	Whiteside-Ogle	46	46
FED. ROAD DIST. No. 7	ILLINOIS	FED. AID PROJECT	549-A	

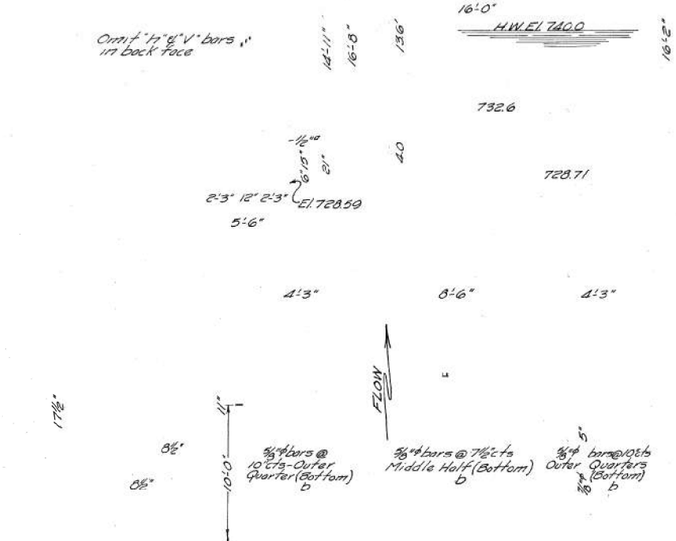
B.M.-5.4' W. in 14" Spruce 27' Lt. 302+08 El. 770.30
Existing structure Concrete 9/32, 19' span, 1/80° Elwy
Superstructure of existing bridge and abutments
of sub structure to build new, structure shall
be removed by the Bridge Contractor.

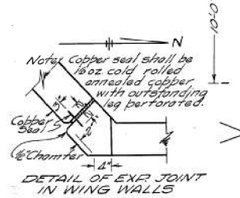




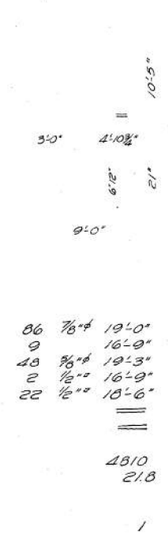


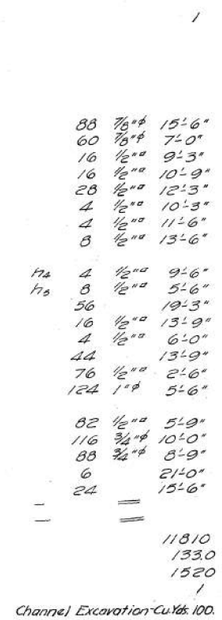
TYPICAL SEC. AT ABUTMENTS





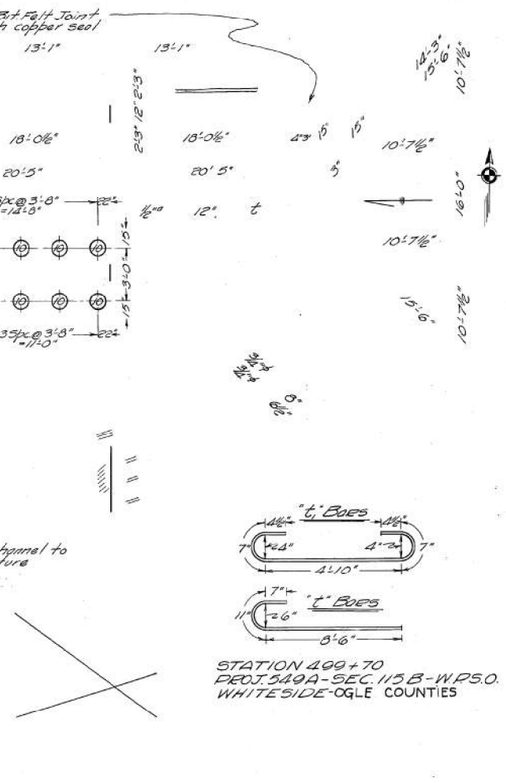
DETAIL OF EXP. JOINT IN WING WALLS





Channel Excavation-Cu Yds. 100.

1-10-36 Piling Legend
10 T. Piles 56 Req'd
15 T. Piles 20 Req'd



Contractor, for 115B-W.P.S.O. to widen channel to stream bed elev. for full span of structure and from ROW line to ROW line.
The copper seal to be included in unit price for Cl. X conc.

STATION 499+70
PROJ. 549A-SEC. 115B-W.P.S.O.
WHITESIDE-OGLE COUNTIES

1619-A

MODEL: Noise Wall
FILE NAME: P:\20-1147.08 Freeport Rd over Jordan Crk\0_IDOT\Structures\071-2028-64F57-008-009-ExPlans.dgn
3/16/2023 10:03:01 AM

Kaskaskia Engineering Group, LLC
200 E. Main St., Suite 308, Belleville, Illinois 62220
618.233.5877 phone
618.233.5971 fax
www.kaskaskiaeng.com
PROFESSIONAL REGISTRATIONS: Illinois Professional Design Firm; Professional Engineering Group
LICENSE NO.: 184.007731; 20-5000165

USER NAME =	DESIGNED - MLC	REVISED -	
	CHECKED - MMC	REVISED -	
PLOT SCALE =	DRAWN - MLC	REVISED -	
PLOT DATE =	CHECKED - MMC	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS - FOR INFORMATION ONLY
STRUCTURE NO. 071-2028
SHEET 9 OF 9 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	OGLE	160	50
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)

N

0 50 100 150

SCALE IN FEET

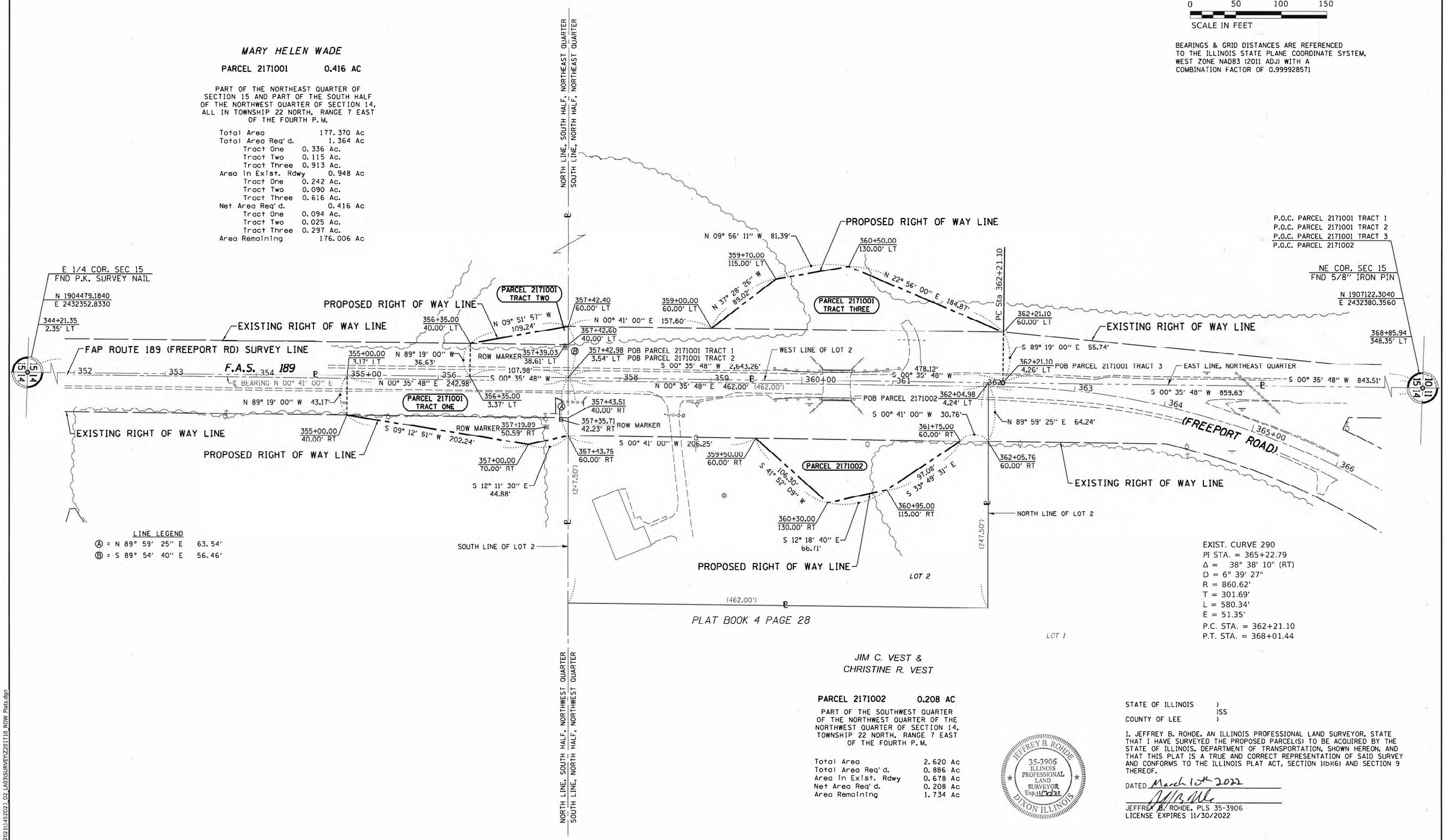
BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999928571

MARY HELEN WADE

PARCEL 2171001 0.416 AC

PART OF THE NORTHEAST QUARTER OF SECTION 15 AND PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 14, ALL IN TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

Total Area		177.370 Ac
Total Area Req'd.		1.364 Ac
Tract One	0.336 Ac.	
Tract Two	0.115 Ac.	
Tract Three	0.913 Ac.	
Area In Exist. Rdwy		0.948 Ac
Tract One	0.242 Ac.	
Tract Two	0.090 Ac.	
Tract Three	0.616 Ac.	
Net Area Req'd.		0.416 Ac
Tract One	0.094 Ac.	
Tract Two	0.025 Ac.	
Tract Three	0.297 Ac.	
Area Remaining		176.006 Ac



LINE LEGEND

Ⓐ = N 89° 59' 25" E 63.54'

Ⓑ = S 89° 54' 40" E 56.46'

PLAT BOOK 4 PAGE 28

EXIST. CURVE 290
PI STA. = 365+22.79
Δ = 38° 38' 10" (RT)
D = 6° 39' 27"
R = 860.62'
T = 301.69'
L = 580.34'
E = 51.35'
P.C. STA. = 362+21.10
P.T. STA. = 368+01.44

JIM C. VEST &
CHRISTINE R. VEST

PARCEL 2171002 0.208 AC

PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

Total Area	2.620 Ac
Total Area Req'd.	0.886 Ac
Area In Exist. Rdwy	0.678 Ac
Net Area Req'd.	0.208 Ac
Area Remaining	1.734 Ac

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
309 EAST PROSPECT, DIXON, IL 61021-0367
T: 815 284 3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/10/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

LAND SECTION 14, 15	T 22N, R 7E OF 4TH P.M.		
JOB# R-92-017-10	DRAWER	FOLDER	SHEET
SCALE: 1" = 50'	SHEET 1 OF 3 SHEETS	STA. 352+00 TO STA. 366+00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	WHITESIDE	160	51
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

MAR 1 [illegible] 2022

Model: Default
FILE: S:\PROJECTS\2021\1452\D21_02_LA03\SURVEY\Z201710_ROW Plats.dgn

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)

N

0 50 100 150

SCALE IN FEET

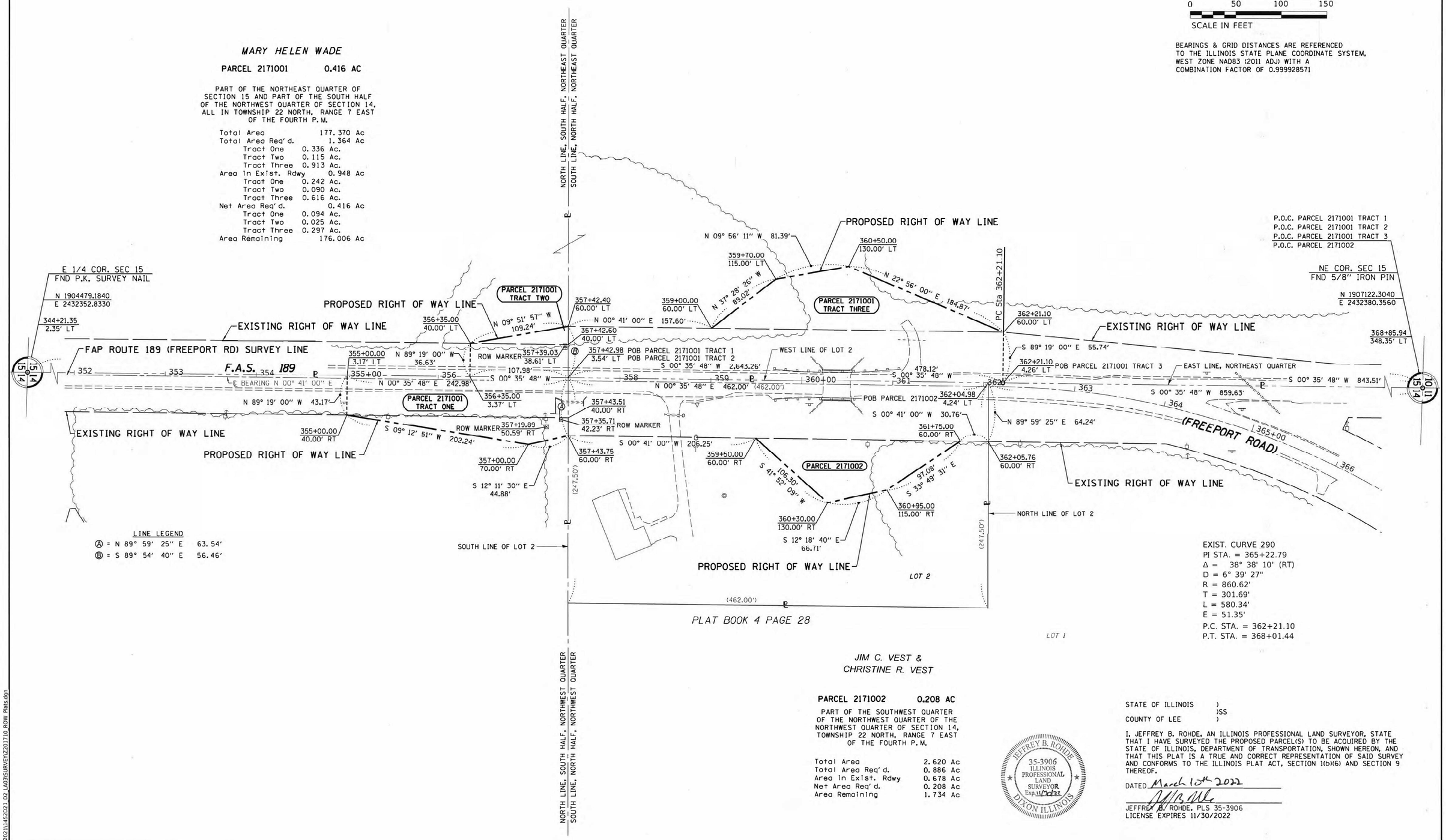
BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999928571

MARY HELEN WADE

PARCEL 2171001 0.416 AC

PART OF THE NORTHEAST QUARTER OF SECTION 15 AND PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 14, ALL IN TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

Total Area		177.370 Ac
Total Area Req'd.		1.364 Ac
Tract One	0.336 Ac.	
Tract Two	0.115 Ac.	
Tract Three	0.913 Ac.	
Area In Exist. Rdwy		0.948 Ac
Tract One	0.242 Ac.	
Tract Two	0.090 Ac.	
Tract Three	0.616 Ac.	
Net Area Req'd.		0.416 Ac
Tract One	0.094 Ac.	
Tract Two	0.025 Ac.	
Tract Three	0.297 Ac.	
Area Remaining		176.006 Ac



LINE LEGEND

Ⓐ = N 89° 59' 25" E 63.54'

Ⓑ = S 89° 54' 40" E 56.46'

PLAT BOOK 4 PAGE 28

EXIST. CURVE 290
PI STA. = 365+22.79
Δ = 38° 38' 10" (RT)
D = 6° 39' 27"
R = 860.62'
T = 301.69'
L = 580.34'
E = 51.35'
P.C. STA. = 362+21.10
P.T. STA. = 368+01.44

JIM C. VEST &
CHRISTINE R. VEST

PARCEL 2171002 0.208 AC

PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

Total Area	2.620 Ac
Total Area Req'd.	0.886 Ac
Area In Exist. Rdwy	0.678 Ac
Net Area Req'd.	0.208 Ac
Area Remaining	1.734 Ac

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
309 EAST PROSPECT, DIXON, IL 61021-0367
T: 815 284 3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/10/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

LAND SECTION 14, 15	T 22N, R 7E OF 4TH P.M.		
JOB# R-92-017-10	DRAWER	FOLDER	SHEET
SCALE: 1" = 50'	SHEET 1 OF 3 SHEETS	STA. 352+00 TO STA. 366+00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	WHITESIDE	160	51
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

MAR 1 [illegible] 2022

Model: Default
FILE: S:\PROJECTS\2021\1452\D21_02_LA03\SURVEY\Z201710_ROW Plats.dgn

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)

N

0 50 100 150

SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

PARCEL 2171003 0.410 AC

PART OF THE NORTHEAST QUARTER AND PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

Total Area	199.000 Ac
Total Area Req'd.	2.554 Ac
Tract One	0.227 Ac.
Tract Two	2.327 Ac.
Area In Exist. Rdwy	2.144 Ac
Tract One	0.180 Ac.
Tract Two	1.964 Ac.
Net Area Req'd.	0.410 Ac
Tract One	0.047 Ac.
Tract Two	0.363 Ac.
Area Remaining	196.446 Ac

NORTH LINE, NORTHEAST QUARTER
SOUTH LINE, SOUTHEAST QUARTER

SE 1/4 COR. SEC 12
FND 3/4" IRON PIN
N 1907004.6090
E 2442860.8970

470+58.63
241.32' RT

S 00° 17' 38" W 2623.28'

N 00° 17' 38" E
128.71'

471+28.00
154.62' RT

N 1907133.3090
E 2442861.1610

SW 1/4 COR. SEC 7
FND P.K. SURVEY NAIL
0.40' W. OF COR.

NORTH LINE, NORTHWEST QUARTER
SOUTH LINE, SOUTHWEST QUARTER

EXISTING RIGHT OF WAY LINE

491+85.40
50.00' RT

490+85.35
40.00' RT

EAST LINE, SOUTHEAST QUARTER
WEST LINE, SOUTHWEST QUARTER

491 492 493 F.A.S. 189 494 495 496 497 498 499 500+00 502 503 504

N 1909769.3350
E 2437626.6880

W 1/4 COR. SEC 12
FND 3/4" IRON PIPE

S 88° 27' 20" E 5249.57'
NORTH LINE, SOUTHEAST QUARTER
SOUTH LINE, NORTHEAST QUARTER

496+05.00
105.00' LT

N 39° 33' 13" W 39.05'

N 12° 37' 23" W 20.77'

495+54.75
75.37' LT

PARCEL 2171003
TRACT ONE

494+00.00
40.00' LT

N 12° 37' 23" W 158.74'

494+35.35
40.00' LT

495+35.35
50.00' LT

N 89° 44' 53" W 46.57'

494+00.00
6.57' RT

152.90'

S 00° 17' 38" W

494+50.00
6.61' RT

N 89° 44' 53" W 43.39'

102.90'
N 00° 17' 38" E

494+50.00
50.00' RT

100.50
S 05° 57' 45" W

495+50.00
60.00' RT

S 33° 09' 26" W 101.24'

496+35.00
115.00' RT

S 06° 52' 23" E
80.62'

SEE DETAIL

PARCEL 2171004

N 06° 52' 23" W 80.62'

496+85.00
115.00' LT

N 37° 07' 19" E 50.00'

497+25.00
85.00' LT

PARCEL 2171003
TRACT TWO

N 13° 23' 10" E 154.03'

497+35.35
50.00' LT

S 88° 27' 20" E 82.08'

N 00° 19' 46" E 1,296.63'

497+85.35
50.00' RT

497+50.00
80.00' RT

S 11° 03' 28" E
127.48'

S 35° 17' 08" E 43.01'

497+15.00
105.00' RT

498+75.00
50.00' LT

N 04° 19' 19" W
125.40'

498+85.35
40.00' LT

N 00° 19' 46" E
1,425.94'

498+85.35
40.00' RT

498+85.88
40.54' RT ROW MARKER

S 02° 32' 34" W
125.10'

498+75.00
55.00' RT

500+00.00
60.00' LT

S 00° 19' 46" W
1,731.99'

500+00.00
60.00' RT

PROPOSED RIGHT OF WAY LINE

502+00.00
40.00' LT

N 05° 57' 45" E 201.00'

S 05° 27' 31" E 201.00'

502+00.00
40.00' RT

EXISTING RIGHT OF WAY LINE

N 00° 15' 07" E 762.79'

FAP ROUTE 189 (FREEPORT RD) SURVEY LINE

(FREEPORT ROAD)

S 00° 19' 46" W 2,624.16'

EAST LINE, NORTHEAST QUARTER
WEST LINE, NORTHWEST QUARTER

S 00° 19' 46" W 2,494.85'

S 00° 15' 07" W 763.03'

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

℄ BEARING N 00° 15' 07" E

E 1/4 COR. SEC 12
FND IRON PIPE W/ SURVEY PK

P.O.B. PARCEL 2171003 TRACT ONE

P.O.B. PARCEL 2171003 TRACT TWO

N 1909627.8552
E 2442874.3498

495+52.90
6.69' RT

FAP ROUTE 189 (FREEPORT RD) SURVEY LINE

495+00 496 497

N 00° 19' 46" E
129.31'

496+82.20
6.86' RT

N 1909757.1598
E 2442875.0930

P.O.B. PARCEL 2171004 W 1/4 COR. SEC 7
FND P.K. SURVEY NAIL

DETAIL

MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004 0.384 AC

PART OF THE NORTHWEST QUARTER OF SECTION 7 AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 22 NORTH, RANGE 8 EAST OF THE FOURTH P.M.

Total Area	304.950 Ac
Total Area Req'd.	1.611 Ac
Area In Exist. Rdwy	1.227 Ac
Net Area Req'd.	0.384 Ac
Area Remaining	303.339 Ac

NORTH LINE, SOUTHWEST QUARTER
SOUTH LINE, NORTHWEST QUARTER

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T. 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.		
JOB# R-92-017-10	DRAWER	FOLDER	SHEET
SCALE: 1" = 50'	SHEET 2 OF 3 SHEETS	STA. 491+00 TO STA. 504+00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	*	160	52
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

MAR 10 2022

Model: Default
FILE: S:\PROJECTS\2021\145202-1-D2_LA03\SURVEY\Z01710 ROW Plats.dgn

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)

N

0 50 100 150

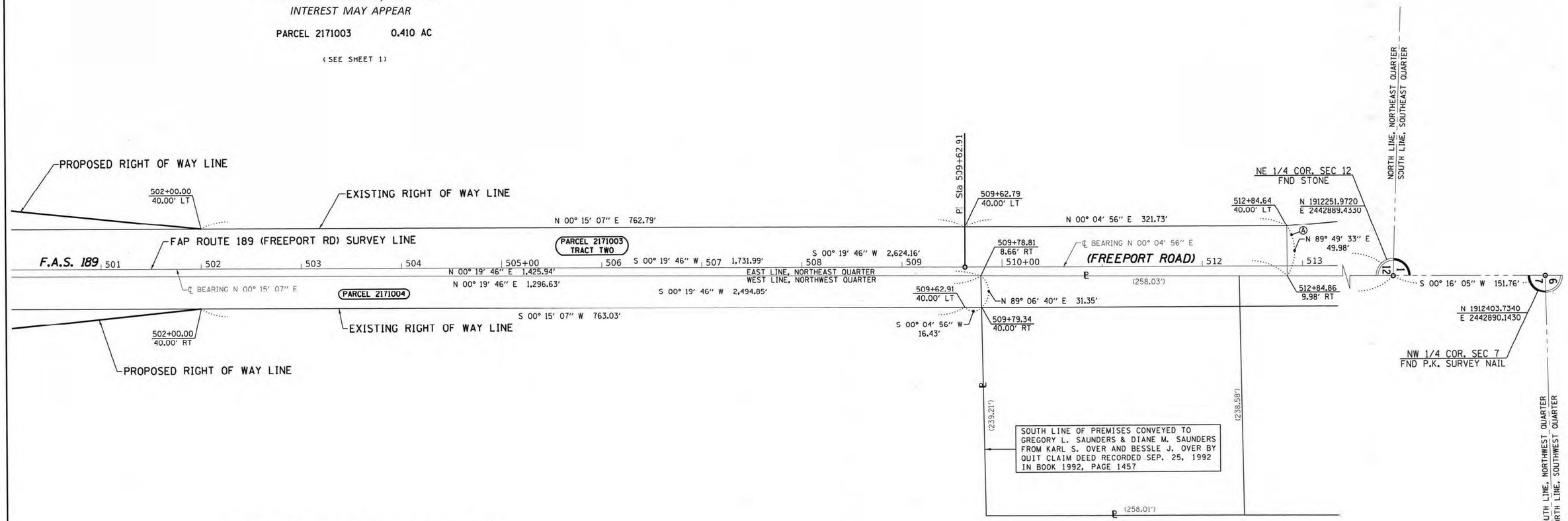
SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS, AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

PARCEL 2171003 0.410 AC

(SEE SHEET 1)



MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004 0.384 AC

(SEE SHEET 1)

Ⓐ SOUTH LINE OF A TRACT OF LAND DESCRIBED IN THE WARRANTY DEED TO THE PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION AS RECORDED ON MAY 01, 1998 AS INSTRUMENT NO. 4612-98 IN THE RECORDER'S OFFICE OF WHITESIDE COUNTY

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

MAR 10 2022

Model: Default
FILE: S:\PROJECTS\2021\14521021 D2 LA03\SURVEY\2201710 ROW Plats.dgn

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -		REVISED -
	DRAWN -		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	JDH, SMS	REVISED -
PLOT DATE = 3/10/2022	DATE -	12/08/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.	
JOB# R-92-017-10	DRAWER FOLDER	SHEET
SCALE: 1" = 50'	SHEET 3 OF 3 SHEETS	STA. 501+00 TO STA. 513+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	*	160	53
		CONTRACT NO. 64F57		
	ILLINOIS FED. AID PROJECT			

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)

N

0 50 100 150

SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999928571

MARY HELEN WADE

PARCEL 2171001TE 0.073 AC

PART OF THE NORTHEAST QUARTER OF SECTION 15 AND PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 14, ALL IN TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P. M.

TRACT ONE	0.005 AC
TRACT TWO	0.068 AC

TEMPORARY EASEMENTS FOR CONSTRUCTION

NORTH LINE, SOUTH HALF, NORTHEAST QUARTER
SOUTH LINE, NORTH HALF, NORTHEAST QUARTER

PROPOSED TEMPORARY EASEMENT LINE
N 13° 21′ 10″ W 41.23′
360+20.00 175.00′ LT
359+80.00 165.00′ LT
N 56° 59′ 36″ E 54.08′
N 78° 00′ 24″ W 50.99′
360+50.00 130.00′ LT
P.O.B. PARCEL 2171001TE TRACT 2
359+70.00 115.00′ LT
PROPOSED RIGHT OF WAY LINE
N 22° 56′ 00″ E 184.87′
PC Sta 362+21.10
S 09° 56′ 11″ E 81.39′
PARCEL 2171001TE TRACT TWO
359+00.00 60.00′ LT
357+42.40 60.00′ LT
362+21.10 60.00′ LT
PROPOSED RIGHT OF WAY LINE
356+35.00 40.00′ LT
EXISTING RIGHT OF WAY LINE
EXISTING RIGHT OF WAY LINE
E 1/4 COR. SEC 15
FND P.K. SURVEY NAIL
N 1904479.1840
E 2432352.8330
344+21.35 2.35′ LT
FAP ROUTE 189 (FREEPORT RD) SURVEY LINE
EAST LINE, NORTHEAST QUARTER
355+00.00 3.17′ LT
356+35.00 3.37′ LT
ROW MARKER 357+39.03 38.61′ LT
357+42.98 3.54′ LT
N 89° 19′ 00″ W 55.74′
362+21.10 4.26′ LT
S 00° 35′ 48″ W 1,321.63′
S 00° 35′ 48″ W 2,643.26′
S 00° 35′ 48″ W 478.12′
S 00° 35′ 48″ W 843.51′
S 00° 35′ 48″ W 1,179.61′
S 00° 35′ 48″ W 859.63′
(462.00′)
362+04.98 4.24′ LT
WEST LINE, NORTHWEST QUARTER
POB PARCEL 2171001TE TRACT 1 357+43.75
POB PARCEL 2171002TE TRACT 1 60.00′ RT
ROW MARKER 357+19.89 50.59′ RT
357+35.71 42.23′ RT ROW MARKER
358+40.00 60.00′ RT
S 89° 19′ 00″ E 63.75′
S 00° 41′ 00″ W 30.76′
358+85.00 60.00′ RT POB PARCEL 2171002TE TRACT 2
361+75.00 60.00′ RT
N 89° 59′ 25″ E 64.24′
(FREEPORT ROAD)
N 12° 11′ 30″ W 44.88′
355+00.00 40.00′ RT
357+00.00 70.00′ RT
357+65.00 60.00′ RT
359+50.00 60.00′ RT
362+05.76 60.00′ RT
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
S 00° 41′ 00″ W 43.87′
358+50.00 70.00′ RT
358+75.00 70.00′ RT
357+55.00 70.00′ RT
PARCEL 2171001TE TRACT ONE
PARCEL 2171002TE TRACT TWO
PARCEL 2171002TE TRACT ONE
PROPOSED RIGHT OF WAY LINE
N 12° 18′ 40″ W 66.71′
97.08′
S 33° 49′ 31″ E
360+95.00 115.00′ RT POB PARCEL 2171002TE TRACT 3
S 89° 19′ 00″ E 35.00′
360+30.00 130.00′ RT
360+95.00 150.00′ RT
PROPOSED TEMPORARY EASEMENT LINE
357+43.87 70.00′ RT
S 50° 04′ 55″ W 46.10′
S 22° 30′ 55″ E 38.08′
PARCEL 2171002TE TRACT THREE
360+60.00 165.00′ RT
(247.50′)
(247.50′)
SOUTH LINE OF LOT 2
NORTH LINE OF LOT 2
(462.00′)
LOT 2
LOT 1
NORTH LINE, SOUTH HALF, NORTHWEST QUARTER
SOUTH LINE, NORTH HALF, NORTHWEST QUARTER

P.O.C. PARCEL 2171001TE TRACT 1
P.O.C. PARCEL 2171001TE TRACT 2
P.O.C. PARCEL 2171002TE TRACT 1
P.O.C. PARCEL 2171002TE TRACT 2
P.O.C. PARCEL 2171002TE TRACT 3

NE COR. SEC 15
FND 5/8″ IRON PIN
N 1907122.3040
E 2432380.3560
368+85.94 348.35′ LT

EXIST. CURVE 290
PI STA. = 365+22.79
Δ = 38° 38′ 10″ (RT)
D = 6° 39′ 27″
R = 860.62′
T = 301.69′
L = 580.34′
E = 51.35′
P.C. STA. = 362+21.10
P.T. STA. = 368+01.44

PLAT BOOK 4 PAGE 28

LINE LEGEND

Ⓐ = N 89° 59′ 25″ E	63.54′
Ⓑ = N 89° 59′ 25″ E	10.00′
Ⓒ = N 00° 41′ 00″ E	21.25′
Ⓓ = S 44° 19′ 00″ E	14.14′
Ⓔ = S 00° 41′ 00″ W	11.13′
Ⓕ = S 44° 19′ 00″ E	14.14′
Ⓖ = S 00° 41′ 00″ W	25.00′
Ⓗ = S 45° 41′ 00″ W	14.14′
Ⓘ = N 00° 41′ 00″ E	45.00′

JIM C. VEST &
CHRISTINE R. VEST

PARCEL 2171002TE 0.057 AC

PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

TRACT ONE	0.004 AC
TRACT TWO	0.008 AC
TRACT THREE	0.045 AC

TEMPORARY EASEMENTS FOR CONSTRUCTION

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/10/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASEMENT PLAT

LAND SECTION 14, 15	T 22N, R 7E OF 4TH P.M.		
JOB# R-92-017-10	DRAWER	FOLDER	SHEET
SCALE: 1" = 50'	SHEET E1 (1 OF 2 SHEETS)	STA. 352+00 TO STA. 366+00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	WHITESIDE	160	54
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

MAR 10 2022

Model: Default
FILE: S:\PROJECTS\2021\1452021_D2_LA03\SURVEY\Z20170 10_ROW Plats.dgn

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)

N

0 50 100 150

SCALE IN FEET

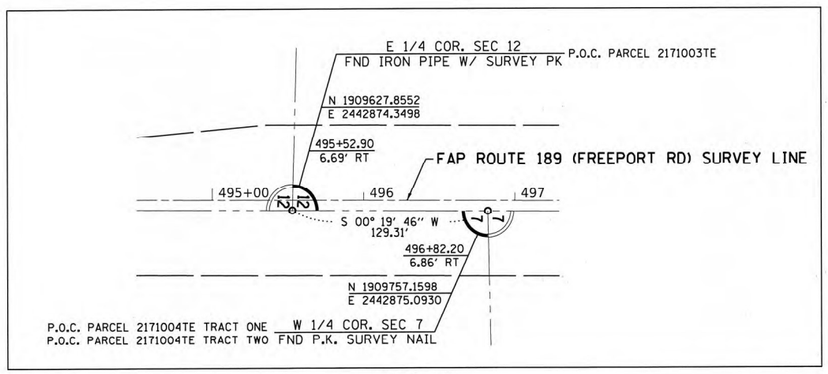
BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

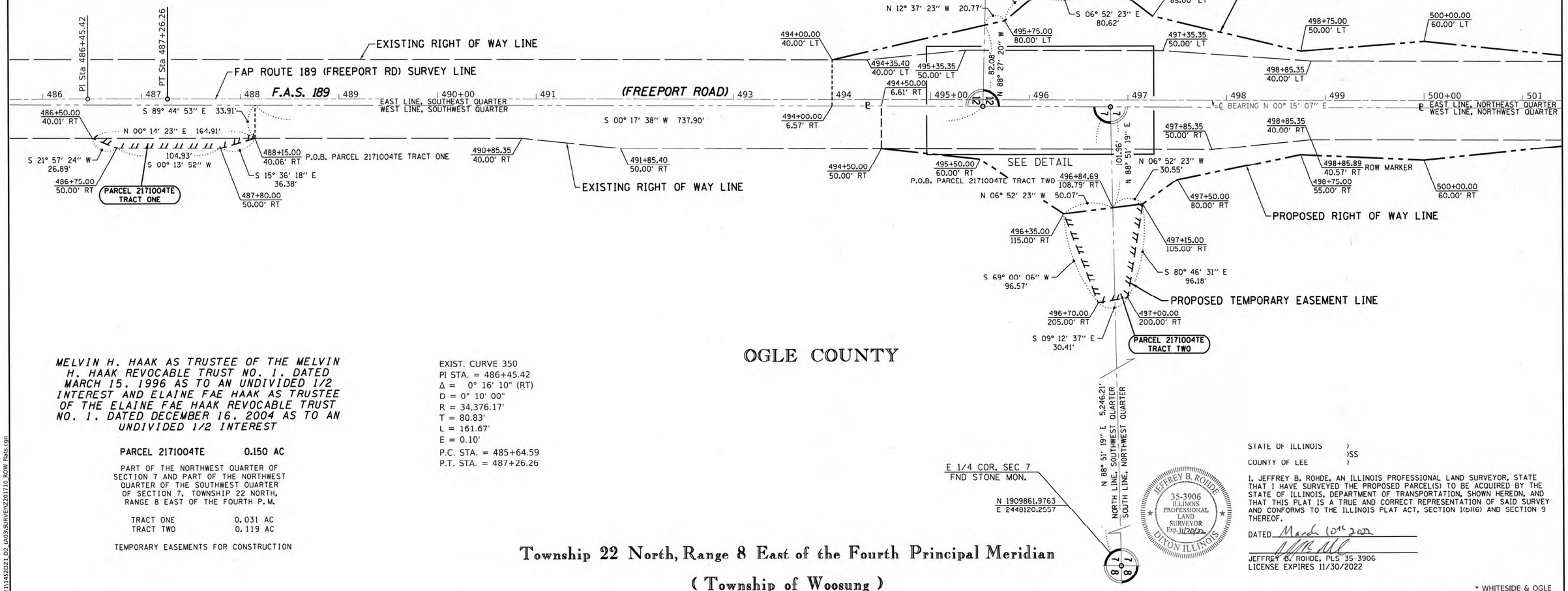
PARCEL 2171003TE 0.067 AC

PART OF THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

TEMPORARY EASEMENTS FOR CONSTRUCTION



DETAIL



MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004TE 0.150 AC

PART OF THE NORTHWEST QUARTER OF SECTION 7 AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 22 NORTH, RANGE 8 EAST OF THE FOURTH P.M.

TRACT ONE 0.031 AC
TRACT TWO 0.119 AC

TEMPORARY EASEMENTS FOR CONSTRUCTION

EXIST. CURVE 350
PI STA. = 486+45.42
Δ = 0° 16' 10" (RT)
D = 0° 10' 00"
R = 34,376.17'
T = 80.83'
L = 161.67'
E = 0.10'
P.C. STA. = 485+64.59
P.T. STA. = 487+26.26

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung)

* WHITESIDE & OGLE

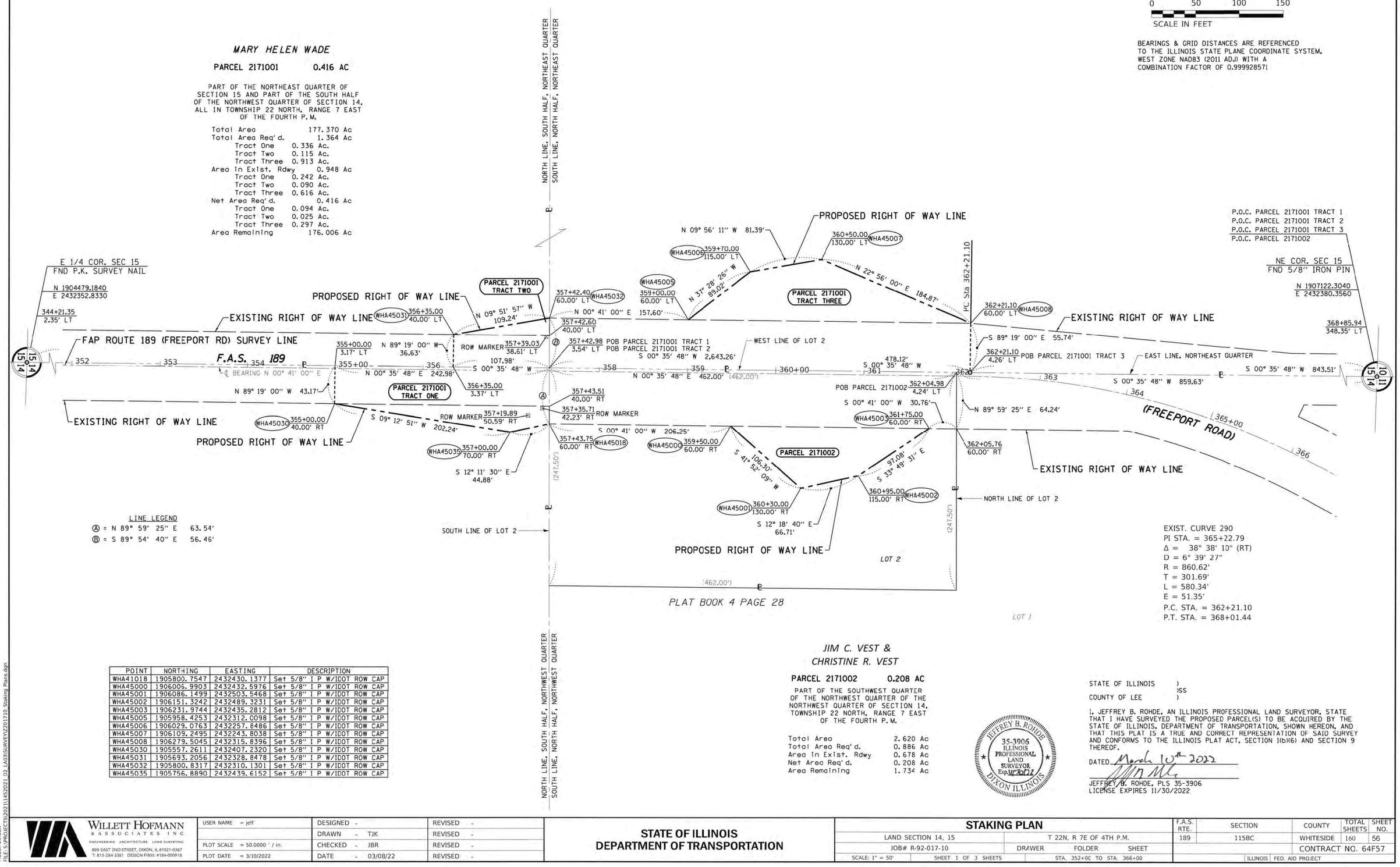
Mocel: Default
FILE: S:\PROJECTS\2021\1432021_D2_1403\SURVEY\2201710 ROW Plats.cgn

MAR 10 2022

WILLETT HOFMANN & ASSOCIATES INC ENGINEERING ARCHITECTURE LAND SURVEYING 809 EAST 2ND STREET, DIXON, IL 61021-0367 T: 815-284-3381 DESIGN FIRM: #184-000918	USER NAME = jeff	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**EASEMENT PLAT**		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		LAND SECTION 12, 7	T 22N, R 7&8E OF 4TH P.M.	189	115BC	*	160	55
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -		JOB# R-92-017-10	DRAWER FOLDER SHEET			CONTRACT NO. 64F57		
	PLOT DATE = 3/10/2022	DATE -	REVISED -		SCALE: 1" = 50'	SHEET E2 (2 OF 2 SHEETS) STA. 486+00 TO STA. 501+00			ILLINOIS	FED. AID PROJECT	

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)



PLAT BOOK 4 PAGE 28

POINT	NORTHING	EASTING	DESCRIPTION
WHA41018	1905800.7547	2432430.1377	Set 5/8" I P W/IDOT ROW CAP
WHA45000	1906006.9903	2432432.5976	Set 5/8" I P W/IDOT ROW CAP
WHA45001	1906086.1499	2432503.5468	Set 5/8" I P W/IDOT ROW CAP
WHA45002	1906151.3242	2432489.3231	Set 5/8" I P W/IDOT ROW CAP
WHA45003	1906231.9744	2432435.2812	Set 5/8" I P W/IDOT ROW CAP
WHA45005	1905958.4253	2432312.0098	Set 5/8" I P W/IDOT ROW CAP
WHA45006	1906029.0763	2432257.8486	Set 5/8" I P W/IDOT ROW CAP
WHA45007	1906109.2495	2432243.8038	Set 5/8" I P W/IDOT ROW CAP
WHA45008	1906279.5045	2432315.8396	Set 5/8" I P W/IDOT ROW CAP
WHA45030	1905557.2611	2432407.2320	Set 5/8" I P W/IDOT ROW CAP
WHA45031	1905693.2056	2432328.8478	Set 5/8" I P W/IDOT ROW CAP
WHA45032	1905800.8317	2432310.1301	Set 5/8" I P W/IDOT ROW CAP
WHA45035	1905756.8890	2432439.6152	Set 5/8" I P W/IDOT ROW CAP

JIM C. VEST &
CHRISTINE R. VEST

PARCEL 2171002 0.208 AC

PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P. M.

Total Area 2.620 Ac
Total Area Req'd. 0.886 Ac
Area In Exist. Rdwy 0.678 Ac
Net Area Req'd. 0.208 Ac
Area Remaining 1.734 Ac

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -		REVISED -
	DRAWN - TJK		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - JBR		REVISED -
PLOT DATE = 3/10/2022	DATE - 03/08/22		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAKING PLAN

LAND SECTION 14, 15 | T 22N, R 7E OF 4TH P.M.
JOB# R-92-017-10 | DRAWER FOLDER SHEET
SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 352+00 TO STA. 366+00

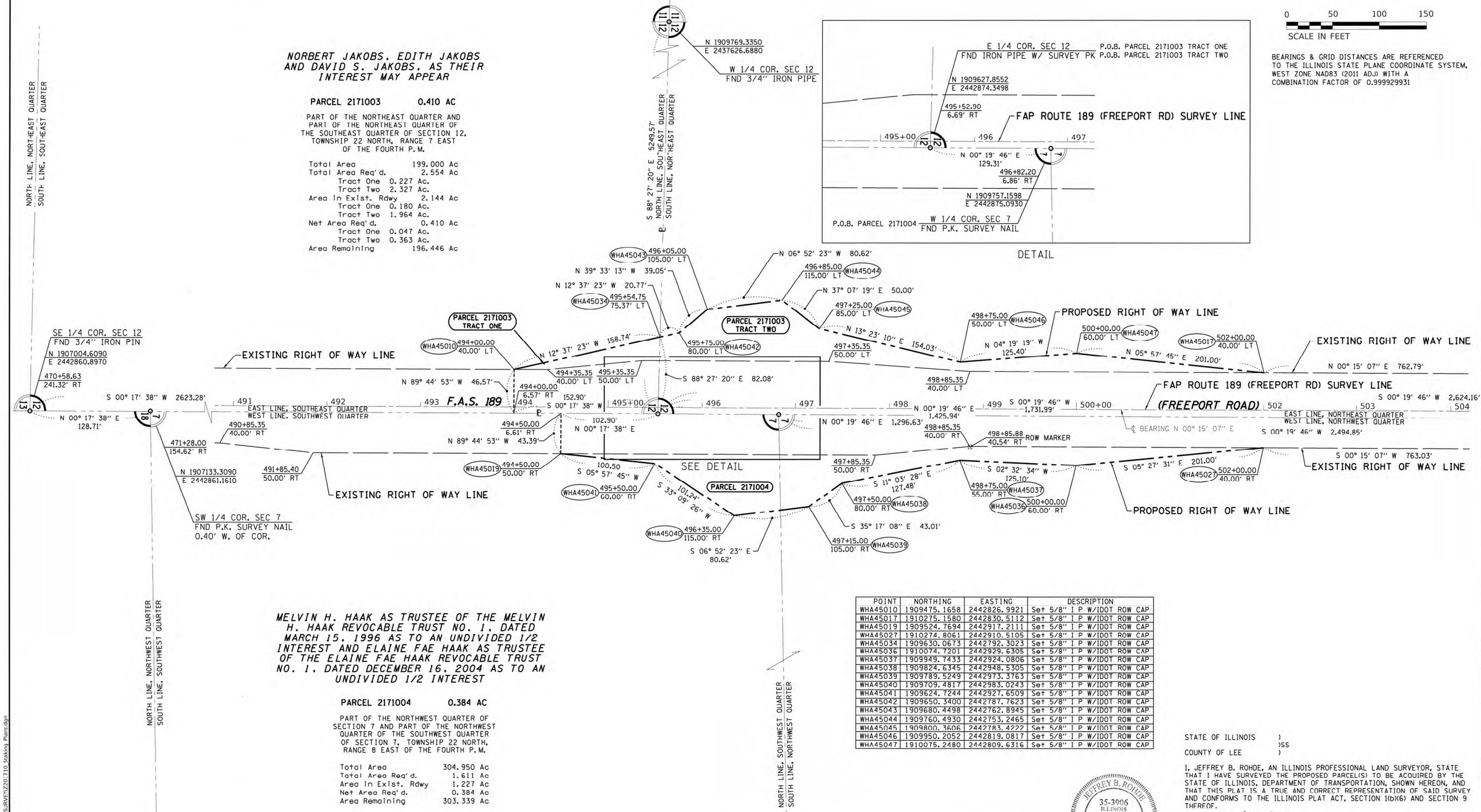
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	WHITESIDE	160	56
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

Model: Default
FILE: S:\PROJECTS\2021\1452021_D2_LA03\SURVEY\220170 Staking Plans.dgn

MAR 10 2022

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)



POINT	NORTHING	EASTING	DESCRIPTION
WHA45010	1909475.1658	2442826.9921	Set 5/8" I P W/IDOT ROW CAP
WHA45017	1910275.1580	2442830.5112	Set 5/8" I P W/IDOT ROW CAP
WHA45019	1909524.7694	2442917.2111	Set 5/8" I P W/IDOT ROW CAP
WHA45027	1910274.8061	2442910.5105	Set 5/8" I P W/IDOT ROW CAP
WHA45034	1909630.0673	2442792.3023	Set 5/8" I P W/IDOT ROW CAP
WHA45036	1910074.7201	2442929.6305	Set 5/8" I P W/IDOT ROW CAP
WHA45037	1909949.7433	2442924.0806	Set 5/8" I P W/IDOT ROW CAP
WHA45038	1909824.6345	2442948.5305	Set 5/8" I P W/IDOT ROW CAP
WHA45039	1909789.5249	2442973.3763	Set 5/8" I P W/IDOT ROW CAP
WHA45040	1909709.4817	2442983.0243	Set 5/8" I P W/IDOT ROW CAP
WHA45041	1909624.7244	2442927.6509	Set 5/8" I P W/IDOT ROW CAP
WHA45042	1909650.3400	2442787.7623	Set 5/8" I P W/IDOT ROW CAP
WHA45043	1909680.4498	2442762.8945	Set 5/8" I P W/IDOT ROW CAP
WHA45044	1909760.4930	2442753.2465	Set 5/8" I P W/IDOT ROW CAP
WHA45045	1909800.3606	2442783.4222	Set 5/8" I P W/IDOT ROW CAP
WHA45046	1909950.2052	2442819.0817	Set 5/8" I P W/IDOT ROW CAP
WHA45047	1910075.2480	2442809.6316	Set 5/8" I P W/IDOT ROW CAP

STATE OF ILLINOIS)
) SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

Model: Default
FILE: S:\PROJECTS\2021\145\2021_D2_LA03SURVEY\230-710 Staking Plans.dgn

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME - jeff	DESIGNED -		REVISED -
	DRAWN -	TJK	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	JBR	REVISED -
PLOT DATE = 3/10/2022	DATE -	03/08/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAKING PLAN

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.	
JOB# R-92-017-10	DRAWER	FOLDER SHEET
SCALE: 1" = 50'	SHEET 2 OF 3 SHEETS	STA. 491+00 TO STA. 504+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115DC	*	160	57
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

MAR 10 2022

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)

N

0 50 100 150

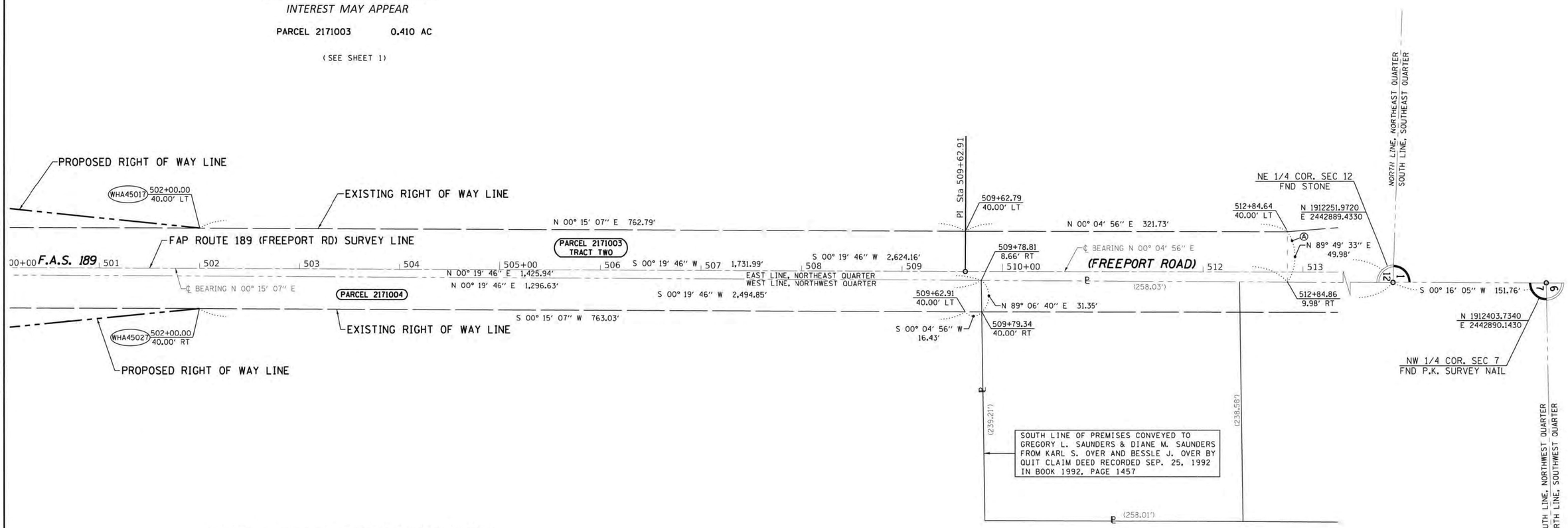
SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS, AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

PARCEL 2171003 0.410 AC

(SEE SHEET 1)



MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004 0.384 AC

(SEE SHEET 1)

POINT	NORTHING	EASTING	DESCRIPTION
WHA45017	1910275.1580	2442830.5112	Set 5/8" I P W/IDOT ROW CAP
WHA45027	1910274.8061	2442910.5105	Set 5/8" I P W/IDOT ROW CAP

Ⓐ SOUTH LINE OF A TRACT OF LAND DESCRIBED IN THE WARRANTY DEED TO THE PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION AS RECORDED ON MAY 31, 1998 AS INSTRUMENT NO. 4612-98 IN THE RECORDER'S OFFICE OF WHITESIDE COUNTY

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROFOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

Model: Default
FILE: S:\PROJECTS\2021\1452021_02_LAND\SURVEY\201710_Staking Plans.dgn

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -		REVISED -
	DRAWN -		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	JDH, SMS	REVISED -
PLOT DATE = 3/10/2022	DATE -	12/08/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAKING PLAN

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.	
JOB# R-92-017-10	DRAWER FOLDER	SHEET
SCALE: 1" = 50'	SHEET 3 OF 3 SHEETS	STA. 501+00 TO STA. 513+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	*	160	58
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

MAR 10 2022

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)

N

0 50 100 150

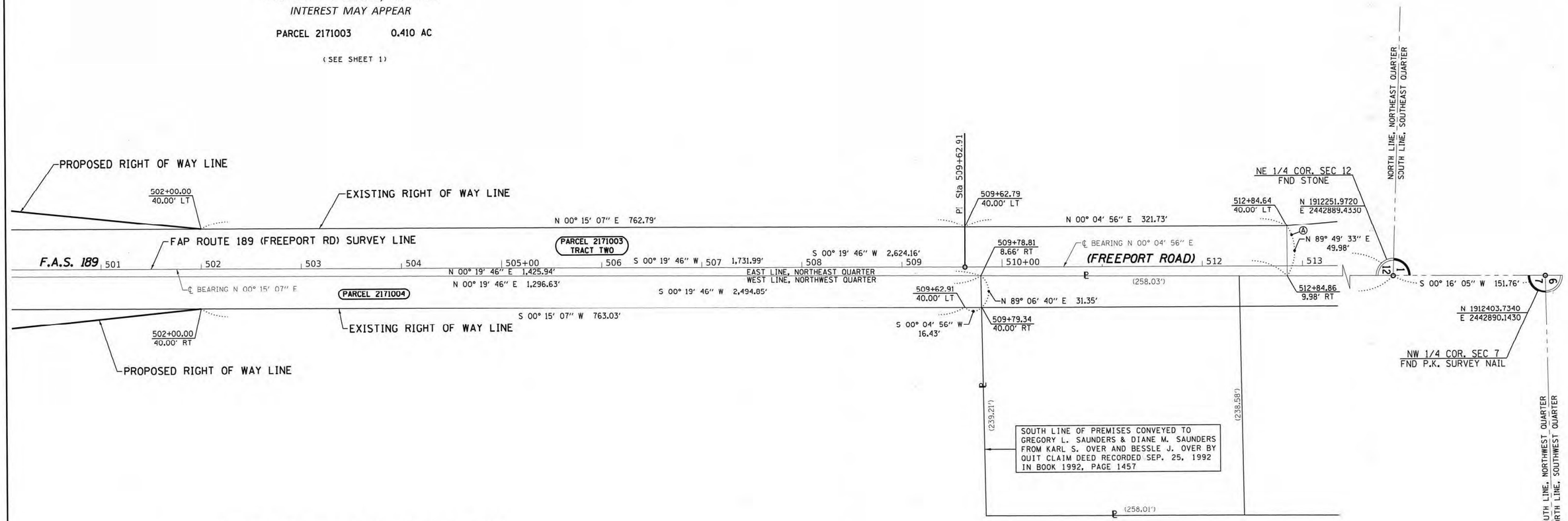
SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS, AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

PARCEL 2171003 0.410 AC

(SEE SHEET 1)



MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004 0.384 AC

(SEE SHEET 1)

Ⓐ SOUTH LINE OF A TRACT OF LAND DESCRIBED IN THE WARRANTY DEED TO THE PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION AS RECORDED ON MAY 01, 1998 AS INSTRUMENT NO. 4612-98 IN THE RECORDER'S OFFICE OF WHITESIDE COUNTY

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

MAR 10 2022

Model: Default
FILE: S:\PROJECTS\2021\14521021 D2 LA03\SURVEY\2201710 ROW Plats.dgn

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -		REVISED -
	DRAWN -		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	JDH, SMS	REVISED -
PLOT DATE = 3/10/2022	DATE -	12/08/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.	
JOB# R-92-017-10	DRAWER FOLDER	SHEET
SCALE: 1" = 50'	SHEET 3 OF 3 SHEETS	STA. 501+00 TO STA. 513+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	*	160	53
		CONTRACT NO. 64F57		
	ILLINOIS FED. AID PROJECT			

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)

N

0 50 100 150

SCALE IN FEET

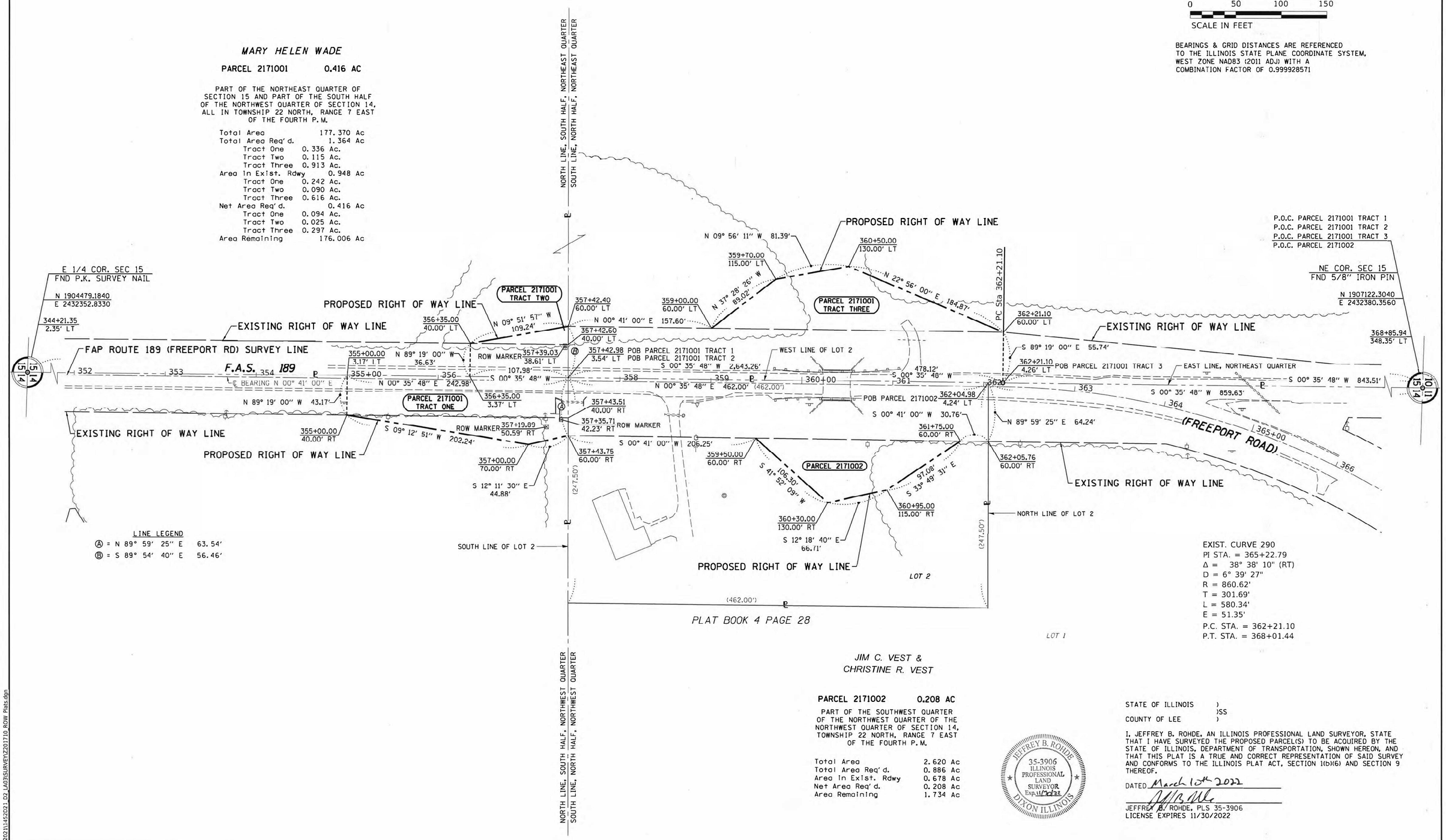
BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999928571

MARY HELEN WADE

PARCEL 2171001 0.416 AC

PART OF THE NORTHEAST QUARTER OF SECTION 15 AND PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 14, ALL IN TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

Total Area		177.370 Ac
Total Area Req'd.		1.364 Ac
Tract One	0.336 Ac.	
Tract Two	0.115 Ac.	
Tract Three	0.913 Ac.	
Area In Exist. Rdwy		0.948 Ac
Tract One	0.242 Ac.	
Tract Two	0.090 Ac.	
Tract Three	0.616 Ac.	
Net Area Req'd.		0.416 Ac
Tract One	0.094 Ac.	
Tract Two	0.025 Ac.	
Tract Three	0.297 Ac.	
Area Remaining		176.006 Ac



LINE LEGEND

Ⓐ = N 89° 59' 25" E 63.54'

Ⓑ = S 89° 54' 40" E 56.46'

PLAT BOOK 4 PAGE 28

EXIST. CURVE 290
PI STA. = 365+22.79
Δ = 38° 38' 10" (RT)
D = 6° 39' 27"
R = 860.62'
T = 301.69'
L = 580.34'
E = 51.35'
P.C. STA. = 362+21.10
P.T. STA. = 368+01.44

JIM C. VEST &
CHRISTINE R. VEST

PARCEL 2171002 0.208 AC

PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

Total Area	2.620 Ac
Total Area Req'd.	0.886 Ac
Area In Exist. Rdwy	0.678 Ac
Net Area Req'd.	0.208 Ac
Area Remaining	1.734 Ac

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
309 EAST PROSPECT, DIXON, IL 61021-0367
T: 815 284 3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/10/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

LAND SECTION 14, 15	T 22N, R 7E OF 4TH P.M.		
JOB# R-92-017-10	DRAWER	FOLDER	SHEET
SCALE: 1" = 50'	SHEET 1 OF 3 SHEETS	STA. 352+00 TO STA. 366+00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	WHITESIDE	160	51
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

MAR 1 [illegible] 2022

Model: Default
FILE: S:\PROJECTS\2021\1452\D21_02_LA03\SURVEY\Z201710_ROW Plats.dgn

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)

N

0 50 100 150

SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

PARCEL 2171003 0.410 AC

PART OF THE NORTHEAST QUARTER AND PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

Total Area	199.000 Ac
Total Area Req'd.	2.554 Ac
Tract One	0.227 Ac.
Tract Two	2.327 Ac.
Area In Exist. Rdwy	2.144 Ac
Tract One	0.180 Ac.
Tract Two	1.964 Ac.
Net Area Req'd.	0.410 Ac
Tract One	0.047 Ac.
Tract Two	0.363 Ac.
Area Remaining	196.446 Ac

NORTH LINE, NORTHEAST QUARTER
SOUTH LINE, SOUTHEAST QUARTER

SE 1/4 COR. SEC 12
FND 3/4" IRON PIN
N 1907004.6090
E 2442860.8970

470+58.63
241.32' RT

S 00° 17' 38" W 2623.28'

N 00° 17' 38" E
128.71'

471+28.00
154.62' RT

N 1907133.3090
E 2442861.1610

SW 1/4 COR. SEC 7
FND P.K. SURVEY NAIL
0.40' W. OF COR.

NORTH LINE, NORTHWEST QUARTER
SOUTH LINE, SOUTHWEST QUARTER

EXISTING RIGHT OF WAY LINE

491+85.40
50.00' RT

490+85.35
40.00' RT

EAST LINE, SOUTHEAST QUARTER
WEST LINE, SOUTHWEST QUARTER

491 492 493 F.A.S. 189 494 495 496 497 498 499 500+00 502 503 504

N 1909769.3350
E 2437626.6880

W 1/4 COR. SEC 12
FND 3/4" IRON PIPE

S 88° 27' 20" E 5249.57'
NORTH LINE, SOUTHEAST QUARTER
SOUTH LINE, NORTHEAST QUARTER

496+05.00
105.00' LT

N 39° 33' 13" W 39.05'

N 12° 37' 23" W 20.77'

495+54.75
75.37' LT

PARCEL 2171003
TRACT ONE

494+00.00
40.00' LT

N 12° 37' 23" W 158.74'

494+35.35
40.00' LT

495+35.35
50.00' LT

N 89° 44' 53" W 46.57'

494+00.00
6.57' RT

152.90'

S 00° 17' 38" W

494+50.00
6.61' RT

N 89° 44' 53" W 43.39'

102.90'
N 00° 17' 38" E

494+50.00
50.00' RT

100.50
S 05° 57' 45" W

495+50.00
60.00' RT

S 33° 09' 26" W 101.24'

496+35.00
115.00' RT

S 06° 52' 23" E
80.62'

SEE DETAIL

PARCEL 2171004

N 06° 52' 23" W 80.62'

496+85.00
115.00' LT

N 37° 07' 19" E 50.00'

497+25.00
85.00' LT

PARCEL 2171003
TRACT TWO

N 13° 23' 10" E 154.03'

497+35.35
50.00' LT

S 88° 27' 20" E 82.08'

N 00° 19' 46" E 1,296.63'

497+85.35
50.00' RT

497+50.00
80.00' RT

S 11° 03' 28" E
127.48'

S 35° 17' 08" E 43.01'

497+15.00
105.00' RT

498+75.00
50.00' LT

N 04° 19' 19" W
125.40'

498+85.35
40.00' LT

N 00° 19' 46" E
1,425.94'

498+85.35
40.00' RT

498+85.88
40.54' RT ROW MARKER

S 02° 32' 34" W
125.10'

498+75.00
55.00' RT

500+00.00
60.00' LT

S 00° 19' 46" W
1,731.99'

500+00.00
60.00' RT

PROPOSED RIGHT OF WAY LINE

502+00.00
40.00' LT

N 05° 57' 45" E 201.00'

S 05° 27' 31" E 201.00'

502+00.00
40.00' RT

EXISTING RIGHT OF WAY LINE

N 00° 15' 07" E 762.79'

FAP ROUTE 189 (FREEPORT RD) SURVEY LINE

(FREEPORT ROAD)

S 00° 19' 46" W 2,624.16'

EAST LINE, NORTHEAST QUARTER
WEST LINE, NORTHWEST QUARTER

S 00° 19' 46" W 2,494.85'

S 00° 15' 07" W 763.03'

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

℄ BEARING N 00° 15' 07" E

E 1/4 COR. SEC 12
FND IRON PIPE W/ SURVEY PK

P.O.B. PARCEL 2171003 TRACT ONE

P.O.B. PARCEL 2171003 TRACT TWO

N 1909627.8552
E 2442874.3498

495+52.90
6.69' RT

FAP ROUTE 189 (FREEPORT RD) SURVEY LINE

495+00 496 497

N 00° 19' 46" E
129.31'

496+82.20
6.86' RT

N 1909757.1598
E 2442875.0930

P.O.B. PARCEL 2171004 W 1/4 COR. SEC 7
FND P.K. SURVEY NAIL

DETAIL

MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004 0.384 AC

PART OF THE NORTHWEST QUARTER OF SECTION 7 AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 22 NORTH, RANGE 8 EAST OF THE FOURTH P.M.

Total Area	304.950 Ac
Total Area Req'd.	1.611 Ac
Area In Exist. Rdwy	1.227 Ac
Net Area Req'd.	0.384 Ac
Area Remaining	303.339 Ac

NORTH LINE, SOUTHWEST QUARTER
SOUTH LINE, NORTHWEST QUARTER

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T. 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/10/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.		F.A.S. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
JOB# R-92-017-10	DRAWER	FOLDER SHEET	189	115BC	*	160	52
SCALE: 1" = 50'	SHEET 2 OF 3 SHEETS	STA. 491+00 TO STA. 504+00			CONTRACT NO. 64F57		
					ILLINOIS	FED. AID PROJECT	

MAR 10 2022

Model: Default
FILE: S:\PROJECTS\2021\145202-1-D2_LA03\SURVEY\Z01710 ROW Plats.dgn

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)

N

0 50 100 150

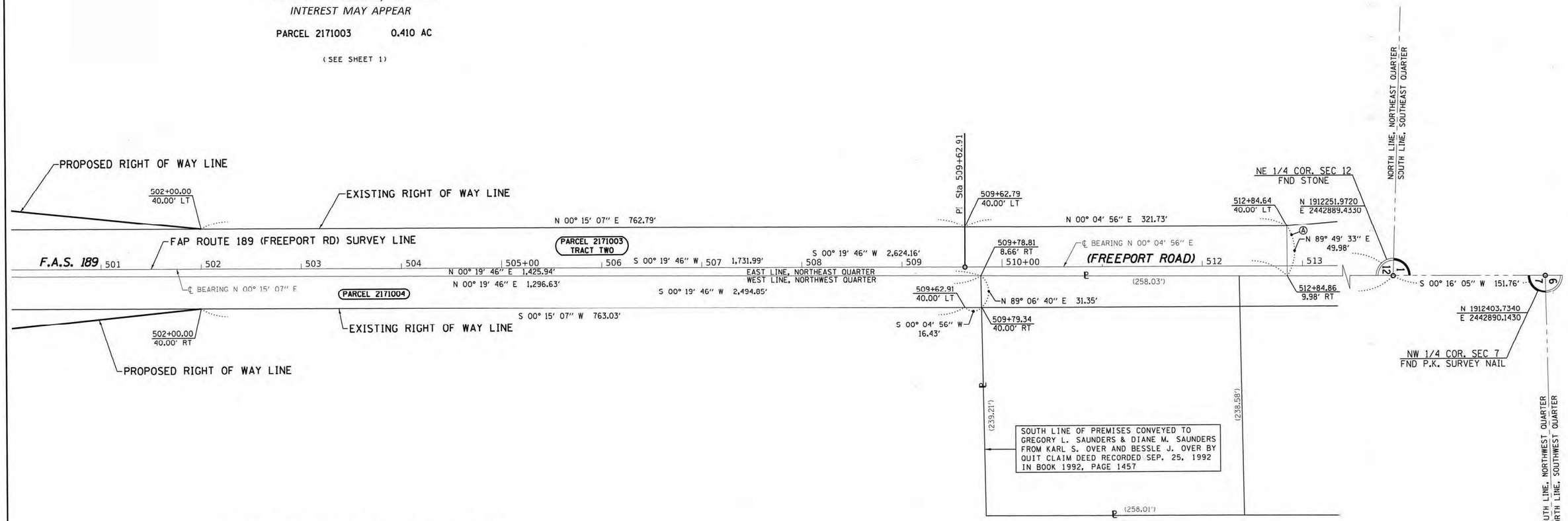
SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS, AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

PARCEL 2171003 0.410 AC

(SEE SHEET 1)



MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004 0.384 AC

(SEE SHEET 1)

Ⓐ SOUTH LINE OF A TRACT OF LAND DESCRIBED IN THE WARRANTY DEED TO THE PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION AS RECORDED ON MAY 01, 1998 AS INSTRUMENT NO. 4612-98 IN THE RECORDER'S OFFICE OF WHITESIDE COUNTY

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

MAR 10 2022

Model: Default
FILE: S:\PROJECTS\2021\14521021 D2 LA03\SURVEY\2201710 ROW Plats.dgn

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -		REVISED -
	DRAWN -		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	JDH, SMS	REVISED -
PLOT DATE = 3/10/2022	DATE -	12/08/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.	
JOB# R-92-017-10	DRAWER FOLDER	SHEET
SCALE: 1" = 50'	SHEET 3 OF 3 SHEETS	STA. 501+00 TO STA. 513+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	*	160	53
		CONTRACT NO. 64F57		
	ILLINOIS FED. AID PROJECT			

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)

N

0 50 100 150

SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999928571

MARY HELEN WADE

PARCEL 2171001TE 0.073 AC

PART OF THE NORTHEAST QUARTER OF SECTION 15 AND PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SECTION 14, ALL IN TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P. M.

TRACT ONE	0.005 AC
TRACT TWO	0.068 AC

TEMPORARY EASEMENTS FOR CONSTRUCTION

NORTH LINE, SOUTH HALF, NORTHEAST QUARTER
SOUTH LINE, NORTH HALF, NORTHEAST QUARTER

PROPOSED TEMPORARY EASEMENT LINE
N 13° 21′ 10″ W 41.23′
360+20.00 175.00′ LT
359+80.00 165.00′ LT
N 56° 59′ 36″ E 54.08′
N 78° 00′ 24″ W 50.99′
360+50.00 130.00′ LT
P.O.B. PARCEL 2171001TE TRACT 2
359+70.00 115.00′ LT
PROPOSED RIGHT OF WAY LINE
N 22° 56′ 00″ E 184.87′
PC Sta 362+21.10
S 09° 56′ 11″ E 81.39′
PARCEL 2171001TE TRACT TWO
359+00.00 60.00′ LT
357+42.40 60.00′ LT
362+21.10 60.00′ LT
PROPOSED RIGHT OF WAY LINE
356+35.00 40.00′ LT
EXISTING RIGHT OF WAY LINE
EXISTING RIGHT OF WAY LINE
E 1/4 COR. SEC 15
FND P.K. SURVEY NAIL
N 1904479.1840
E 2432352.8330
344+21.35 2.35′ LT
FAP ROUTE 189 (FREEPORT RD) SURVEY LINE
EAST LINE, NORTHEAST QUARTER
355+00.00 3.17′ LT
356+35.00 3.37′ LT
ROW MARKER 357+39.03 38.61′ LT
357+42.98 3.54′ LT
N 89° 19′ 00″ W 55.74′
362+21.10 4.26′ LT
S 00° 35′ 48″ W 1,321.63′
S 00° 35′ 48″ W 2,643.26′
S 00° 35′ 48″ W 478.12′
S 00° 35′ 48″ W 843.51′
S 00° 35′ 48″ W 1,179.61′
S 00° 35′ 48″ W 859.63′
(462.00′)
362+04.98 4.24′ LT
WEST LINE, NORTHWEST QUARTER
POB PARCEL 2171001TE TRACT 1 357+43.75
POB PARCEL 2171002TE TRACT 1 60.00′ RT
ROW MARKER 357+19.89 50.59′ RT
357+35.71 42.23′ RT ROW MARKER
358+40.00 60.00′ RT
S 89° 19′ 00″ E 63.75′
S 00° 41′ 00″ W 30.76′
358+85.00 60.00′ RT POB PARCEL 2171002TE TRACT 2
361+75.00 60.00′ RT
N 89° 59′ 25″ E 64.24′
(FREEPORT ROAD)
N 12° 11′ 30″ W 44.88′
355+00.00 40.00′ RT
357+00.00 70.00′ RT
357+65.00 60.00′ RT
359+50.00 60.00′ RT
362+05.76 60.00′ RT
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
S 00° 41′ 00″ W 43.87′
358+50.00 70.00′ RT
358+75.00 70.00′ RT
357+55.00 70.00′ RT
PARCEL 2171001TE TRACT ONE
PARCEL 2171002TE TRACT TWO
PARCEL 2171002TE TRACT ONE
PROPOSED RIGHT OF WAY LINE
N 12° 18′ 40″ W 66.71′
97.08′
S 33° 49′ 31″ E
360+95.00 115.00′ RT POB PARCEL 2171002TE TRACT 3
S 89° 19′ 00″ E 35.00′
360+30.00 130.00′ RT
360+95.00 150.00′ RT
PROPOSED TEMPORARY EASEMENT LINE
357+43.87 70.00′ RT
S 50° 04′ 55″ W 46.10′
S 22° 30′ 55″ E 38.08′
PARCEL 2171002TE TRACT THREE
360+60.00 165.00′ RT
(247.50′)
(247.50′)
SOUTH LINE OF LOT 2
NORTH LINE OF LOT 2
(462.00′)
LOT 2
LOT 1
NORTH LINE, SOUTH HALF, NORTHWEST QUARTER
SOUTH LINE, NORTH HALF, NORTHWEST QUARTER

P.O.C. PARCEL 2171001TE TRACT 1
P.O.C. PARCEL 2171001TE TRACT 2
P.O.C. PARCEL 2171002TE TRACT 1
P.O.C. PARCEL 2171002TE TRACT 2
P.O.C. PARCEL 2171002TE TRACT 3

NE COR. SEC 15
FND 5/8″ IRON PIN
N 1907122.3040
E 2432380.3560
368+85.94 348.35′ LT

EXIST. CURVE 290
PI STA. = 365+22.79
Δ = 38° 38′ 10″ (RT)
D = 6° 39′ 27″
R = 860.62′
T = 301.69′
L = 580.34′
E = 51.35′
P.C. STA. = 362+21.10
P.T. STA. = 368+01.44

PLAT BOOK 4 PAGE 28

LINE LEGEND

Ⓐ = N 89° 59′ 25″ E	63.54′
Ⓑ = N 89° 59′ 25″ E	10.00′
Ⓒ = N 00° 41′ 00″ E	21.25′
Ⓓ = S 44° 19′ 00″ E	14.14′
Ⓔ = S 00° 41′ 00″ W	11.13′
Ⓕ = S 44° 19′ 00″ E	14.14′
Ⓖ = S 00° 41′ 00″ W	25.00′
Ⓗ = S 45° 41′ 00″ W	14.14′
Ⓘ = N 00° 41′ 00″ E	45.00′

JIM C. VEST &
CHRISTINE R. VEST

PARCEL 2171002TE 0.057 AC

PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

TRACT ONE	0.004 AC
TRACT TWO	0.008 AC
TRACT THREE	0.045 AC

TEMPORARY EASEMENTS FOR CONSTRUCTION

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/10/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASEMENT PLAT

LAND SECTION 14, 15	T 22N, R 7E OF 4TH P.M.		
JOB# R-92-017-10	DRAWER	FOLDER	SHEET
SCALE: 1" = 50'	SHEET E1 (1 OF 2 SHEETS)	STA. 352+00 TO STA. 366+00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	WHITESIDE	160	54
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

MAR 10 2022

Model: Default
FILE: S:\PROJECTS\2021\1452021_D2_LA03\SURVEY\Z20170 10_ROW Plats.dgn

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)

N

0 50 100 150

SCALE IN FEET

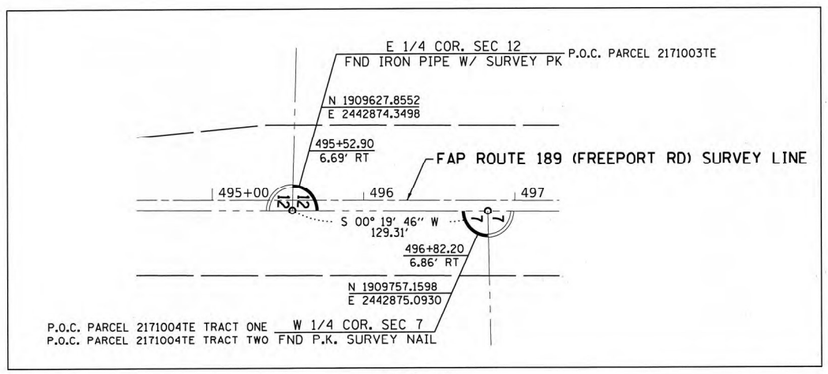
BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

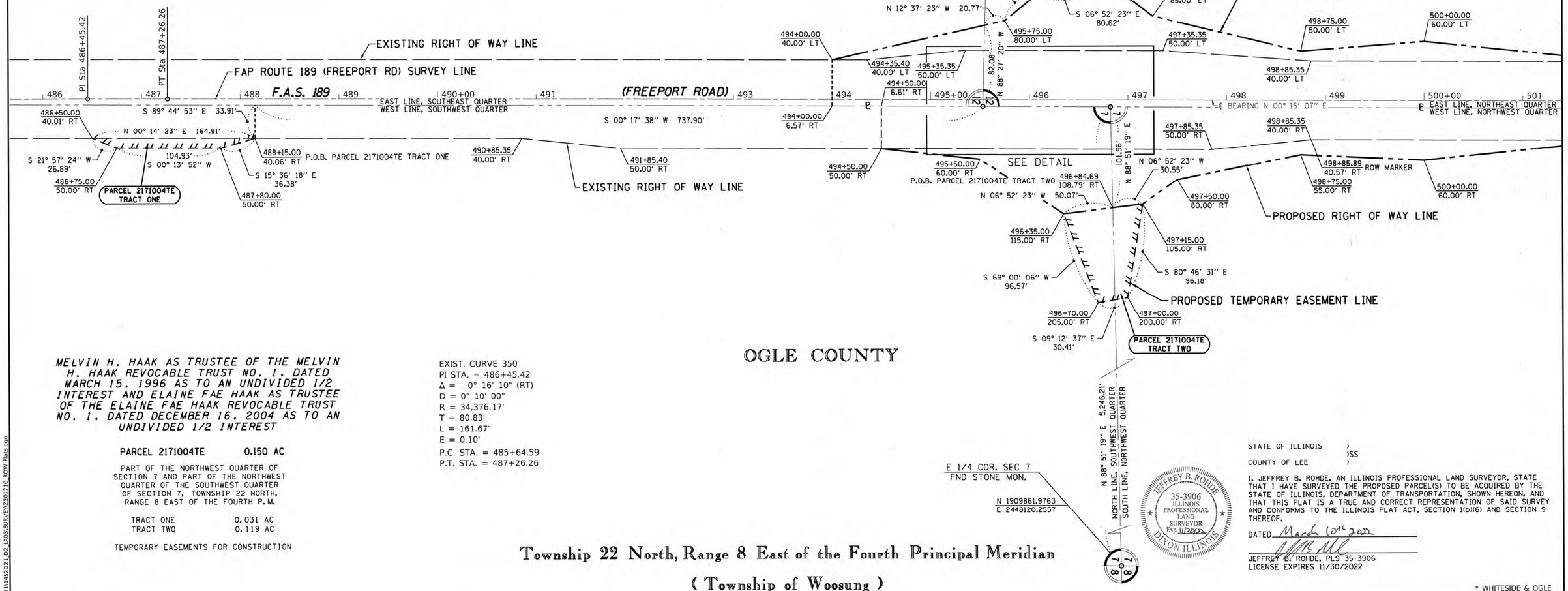
PARCEL 2171003TE 0.067 AC

PART OF THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

TEMPORARY EASEMENTS FOR CONSTRUCTION



DETAIL



MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004TE 0.150 AC

PART OF THE NORTHWEST QUARTER OF SECTION 7 AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 22 NORTH, RANGE 8 EAST OF THE FOURTH P.M.

TRACT ONE 0.031 AC
TRACT TWO 0.119 AC

TEMPORARY EASEMENTS FOR CONSTRUCTION

EXIST. CURVE 350
PI STA. = 486+45.42
Δ = 0° 16' 10" (RT)
D = 0° 10' 00"
R = 34,376.17'
T = 80.83'
L = 161.67'
E = 0.10'
P.C. STA. = 485+64.59
P.T. STA. = 487+26.26

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung)

* WHITESIDE & OGLE

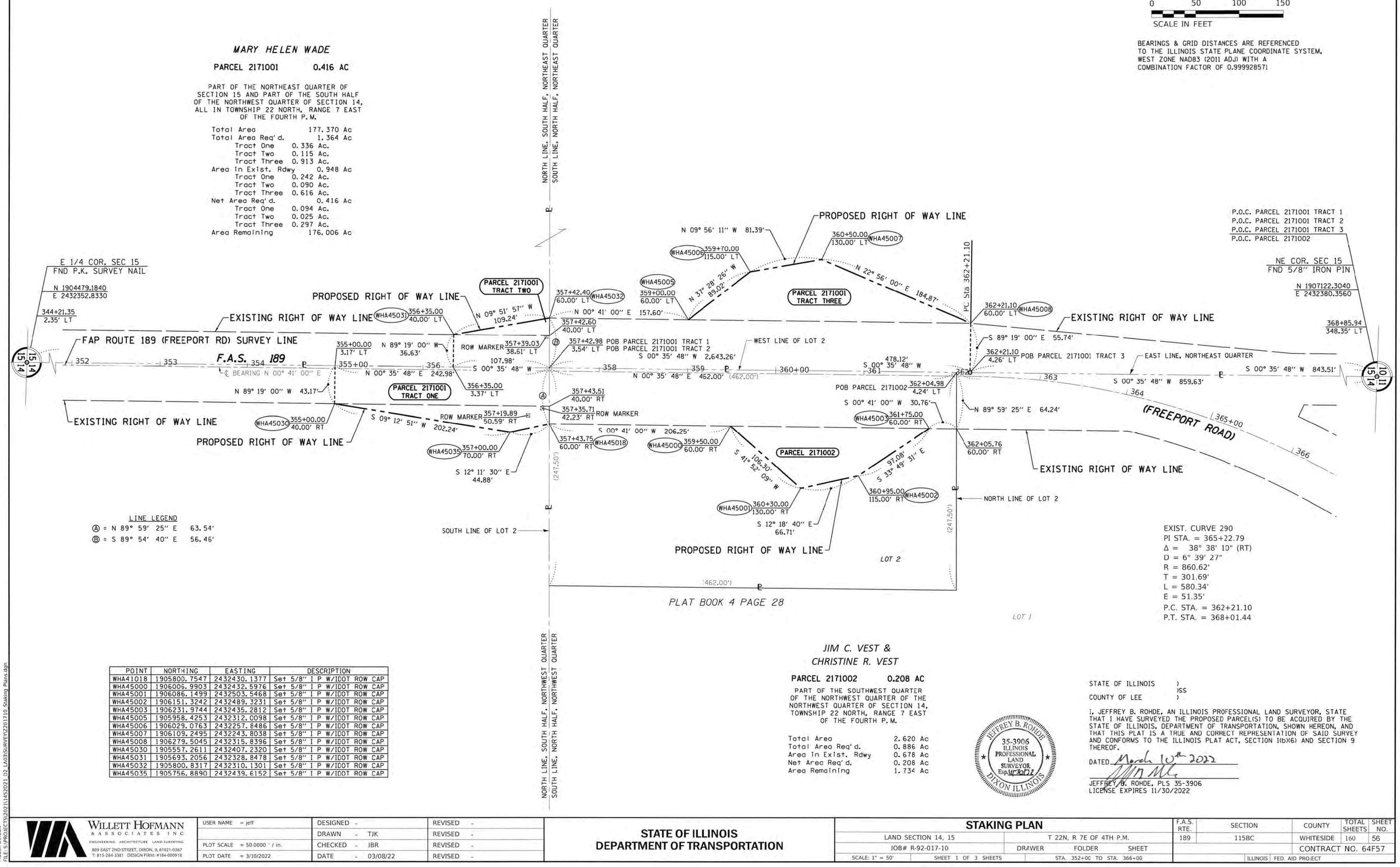
Mocel: Default
FILE: S:\PROJECTS\2021\1432021_D2_1403\SURVEY\2201710 ROW Plats.cgn

MAR 10 2022

WILLETT HOFMANN & ASSOCIATES INC ENGINEERING ARCHITECTURE LAND SURVEYING 809 EAST 2ND STREET, DIXON, IL 61021-0367 T: 815-284-3381 DESIGN FIRM: #184-000918	USER NAME = jeff	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**EASEMENT PLAT**		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		LAND SECTION 12, 7	T 22N, R 7&8E OF 4TH P.M.	189	115BC	*	160	55
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -		JOB# R-92-017-10	DRAWER FOLDER SHEET			CONTRACT NO. 64F57		
	PLOT DATE = 3/10/2022	DATE -	REVISED -		SCALE: 1" = 50'	SHEET E2 (2 OF 2 SHEETS) STA. 486+00 TO STA. 501+00			ILLINOIS	FED. AID PROJECT	

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)



PLAT BOOK 4 PAGE 28

POINT	NORTHING	EASTING	DESCRIPTION
WHA41018	1905800.7547	2432430.1377	Set 5/8" I P W/IDOT ROW CAP
WHA45000	1906006.9903	2432432.5976	Set 5/8" I P W/IDOT ROW CAP
WHA45001	1906086.1499	2432503.5468	Set 5/8" I P W/IDOT ROW CAP
WHA45002	1906151.3242	2432489.3231	Set 5/8" I P W/IDOT ROW CAP
WHA45003	1906231.9744	2432435.2812	Set 5/8" I P W/IDOT ROW CAP
WHA45005	1905958.4253	2432312.0098	Set 5/8" I P W/IDOT ROW CAP
WHA45006	1906029.0763	2432257.8486	Set 5/8" I P W/IDOT ROW CAP
WHA45007	1906109.2495	2432243.8038	Set 5/8" I P W/IDOT ROW CAP
WHA45008	1906279.5045	2432315.8396	Set 5/8" I P W/IDOT ROW CAP
WHA45030	1905557.2611	2432407.2320	Set 5/8" I P W/IDOT ROW CAP
WHA45031	1905693.2056	2432328.8478	Set 5/8" I P W/IDOT ROW CAP
WHA45032	1905800.8317	2432310.1301	Set 5/8" I P W/IDOT ROW CAP
WHA45035	1905756.8890	2432439.6152	Set 5/8" I P W/IDOT ROW CAP

JIM C. VEST &
CHRISTINE R. VEST

PARCEL 2171002 0.208 AC

PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P. M.

Total Area 2.620 Ac
Total Area Req'd. 0.886 Ac
Area In Exist. Rdwy 0.678 Ac
Net Area Req'd. 0.208 Ac
Area Remaining 1.734 Ac

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -		REVISED -
	DRAWN - TJK		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - JBR		REVISED -
PLOT DATE = 3/10/2022	DATE - 03/08/22		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAKING PLAN

LAND SECTION 14, 15 | T 22N, R 7E OF 4TH P.M.
JOB# R-92-017-10 | DRAWER FOLDER SHEET
SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 352+00 TO STA. 366+00

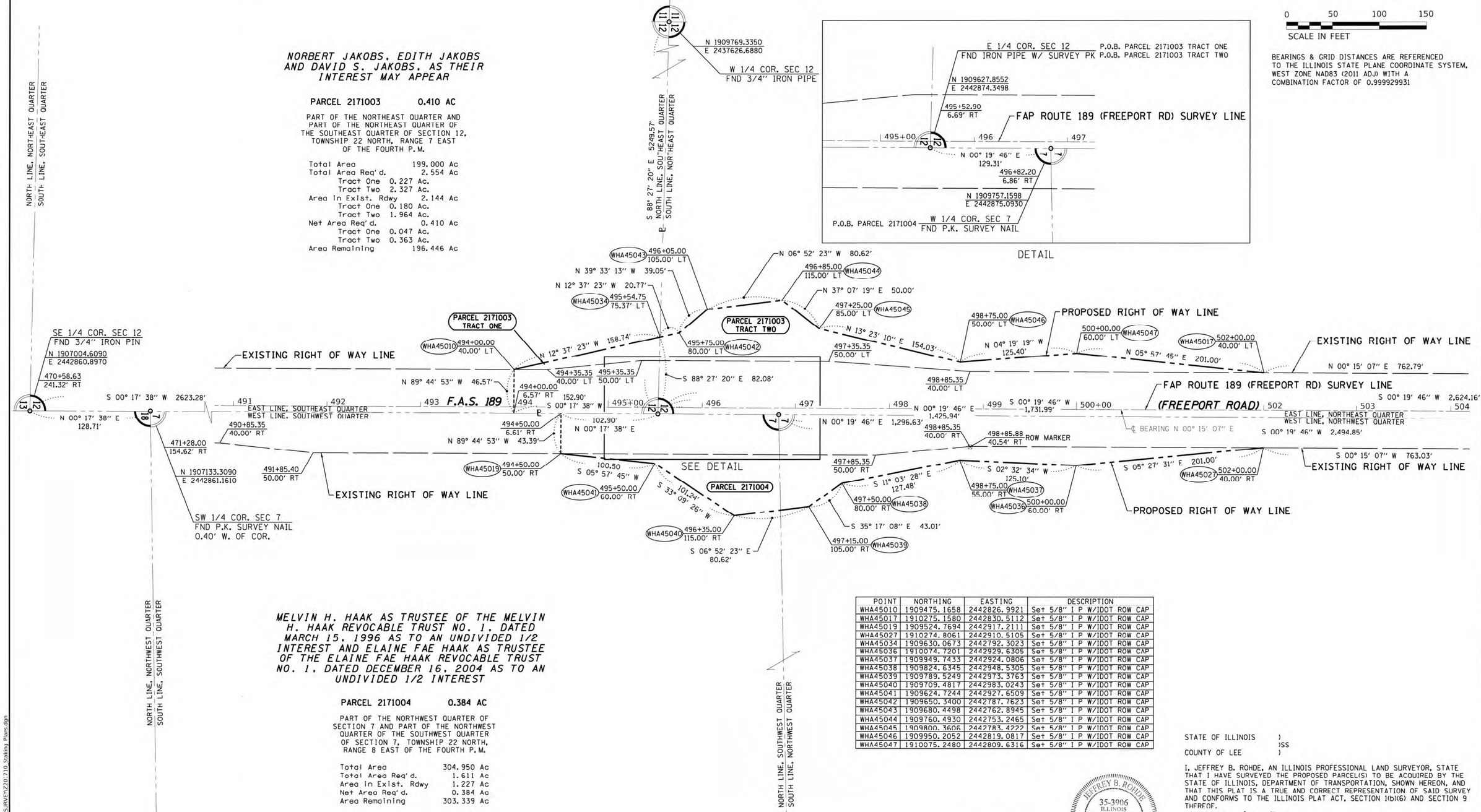
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	WHITESIDE	160	56
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

Model: Default
FILE: S:\PROJECTS\2021\1452021_D2_LA03\SURVEY\220170 Staking Plans.dgn

MAR 10 2022

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)



POINT	NORTHING	EASTING	DESCRIPTION
WHA45010	1909475.1658	2442826.9921	Set 5/8" I P W/IDOT ROW CAP
WHA45017	1910275.1580	2442830.5112	Set 5/8" I P W/IDOT ROW CAP
WHA45019	1909524.7694	2442917.2111	Set 5/8" I P W/IDOT ROW CAP
WHA45027	1910274.8061	2442910.5105	Set 5/8" I P W/IDOT ROW CAP
WHA45034	1909630.0673	2442792.3023	Set 5/8" I P W/IDOT ROW CAP
WHA45036	1910074.7201	2442929.6305	Set 5/8" I P W/IDOT ROW CAP
WHA45037	1909949.7433	2442924.0806	Set 5/8" I P W/IDOT ROW CAP
WHA45038	1909824.6345	2442948.5305	Set 5/8" I P W/IDOT ROW CAP
WHA45039	1909789.5249	2442973.3763	Set 5/8" I P W/IDOT ROW CAP
WHA45040	1909709.4817	2442983.0243	Set 5/8" I P W/IDOT ROW CAP
WHA45041	1909624.7244	2442927.6509	Set 5/8" I P W/IDOT ROW CAP
WHA45042	1909650.3400	2442787.7623	Set 5/8" I P W/IDOT ROW CAP
WHA45043	1909680.4498	2442762.8945	Set 5/8" I P W/IDOT ROW CAP
WHA45044	1909760.4930	2442753.2465	Set 5/8" I P W/IDOT ROW CAP
WHA45045	1909800.3606	2442783.4222	Set 5/8" I P W/IDOT ROW CAP
WHA45046	1909950.2052	2442819.0817	Set 5/8" I P W/IDOT ROW CAP
WHA45047	1910075.2480	2442809.6316	Set 5/8" I P W/IDOT ROW CAP

STATE OF ILLINOIS)
) SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

Model: Default
FILE: S:\PROJECTS\2021\145\2021_D2_LA03SURVEY\230-710 Staking Plans.dgn

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME - jeff	DESIGNED -		REVISED -
	DRAWN -	TJK	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	JBR	REVISED -
PLOT DATE = 3/10/2022	DATE -	03/08/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAKING PLAN

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.	
JOB# R-92-017-10	DRAWER	FOLDER SHEET
SCALE: 1" = 50'	SHEET 2 OF 3 SHEETS	STA. 491+00 TO STA. 504+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115DC	*	160	57
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

MAR 10 2022

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)

N

0 50 100 150

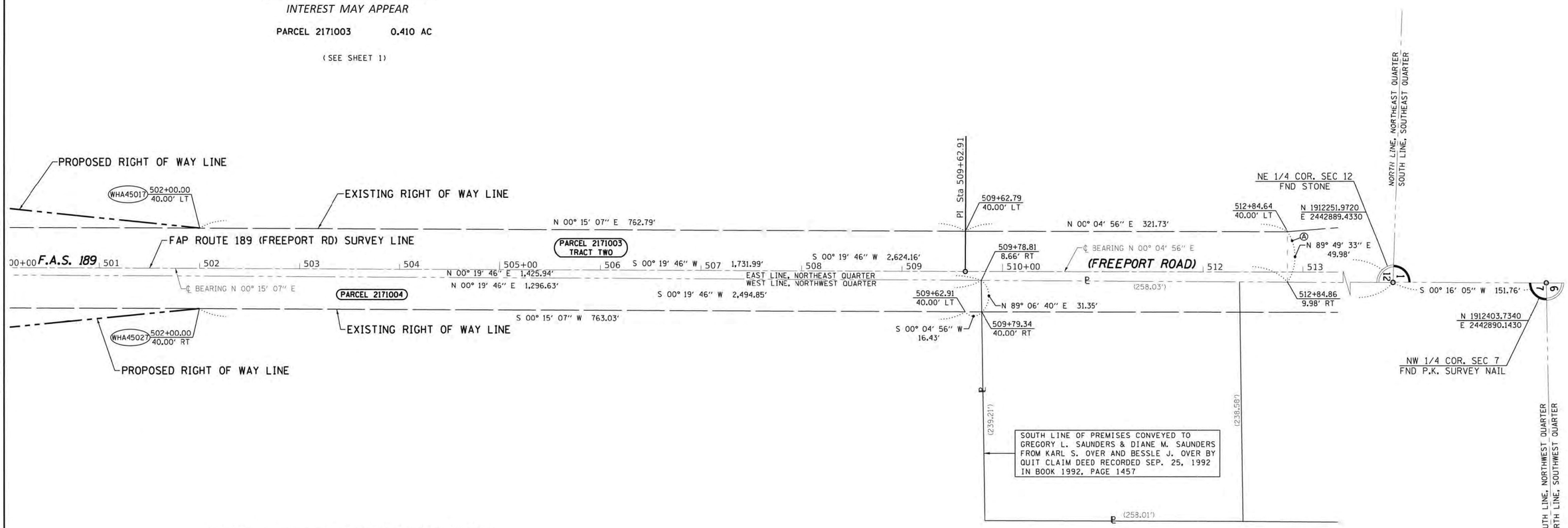
SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS, AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

PARCEL 2171003 0.410 AC

(SEE SHEET 1)



MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004 0.384 AC

(SEE SHEET 1)

POINT	NORTHING	EASTING	DESCRIPTION
WHA45017	1910275.1580	2442830.5112	Set 5/8" I P W/IDOT ROW CAP
WHA45027	1910274.8061	2442910.5105	Set 5/8" I P W/IDOT ROW CAP

Ⓐ SOUTH LINE OF A TRACT OF LAND DESCRIBED IN THE WARRANTY DEED TO THE PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION AS RECORDED ON MAY 31, 1998 AS INSTRUMENT NO. 4612-98 IN THE RECORDER'S OFFICE OF WHITESIDE COUNTY

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROFOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

Model: Default
FILE: S:\PROJECTS\2021\1452021_02_LAND\SURVEY\201710_Staking Plans.dgn

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -		REVISED -
	DRAWN -		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	JDH, SMS	REVISED -
PLOT DATE = 3/10/2022	DATE -	12/08/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAKING PLAN

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.	
JOB# R-92-017-10	DRAWER FOLDER	SHEET
SCALE: 1" = 50'	SHEET 3 OF 3 SHEETS	STA. 501+00 TO STA. 513+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	*	160	58
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

MAR 10 2022

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)

N

0 50 100 150

SCALE IN FEET

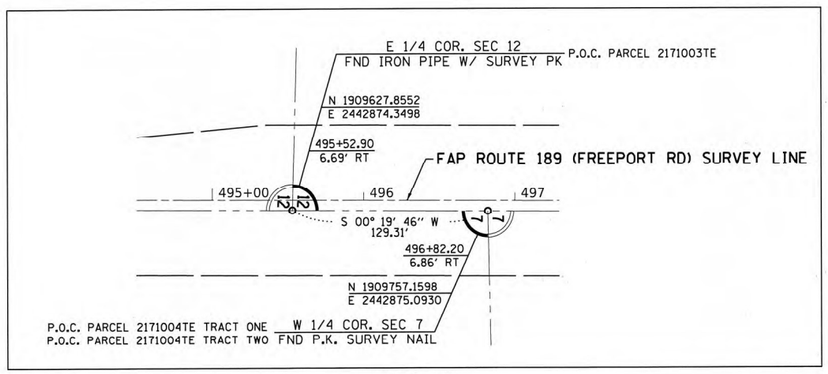
BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

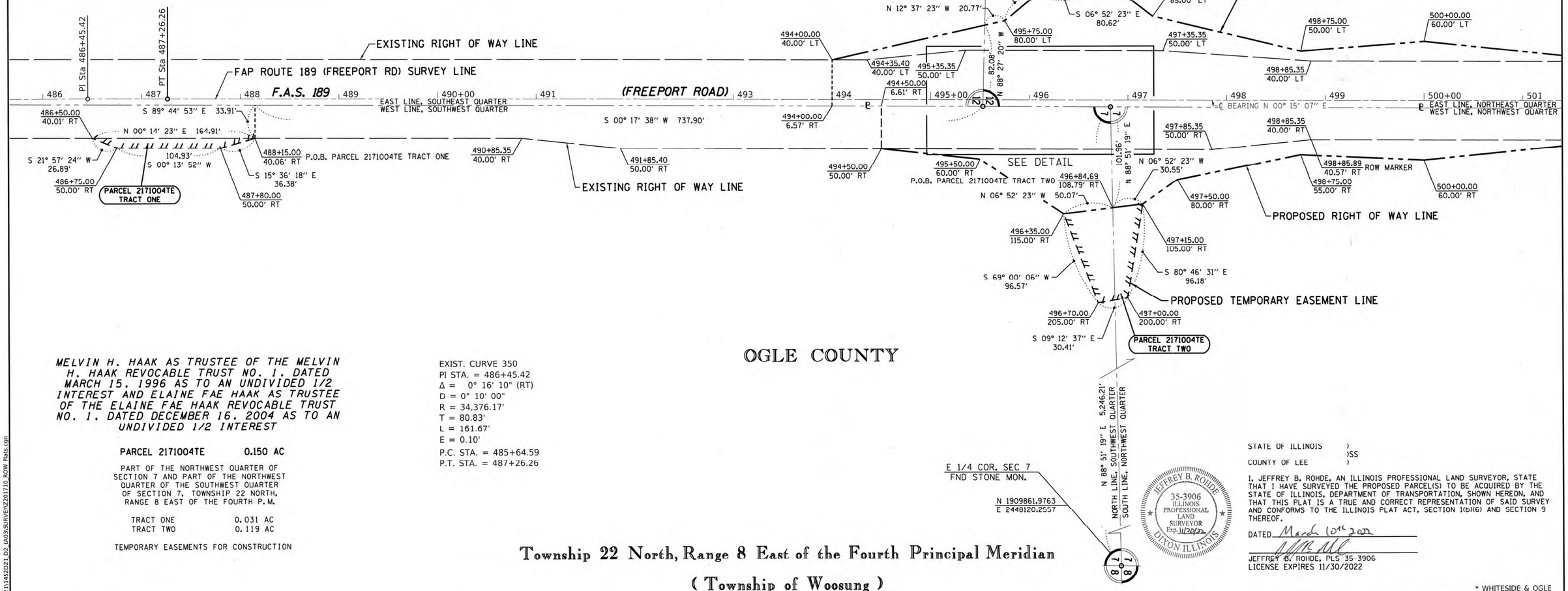
PARCEL 2171003TE 0.067 AC

PART OF THE NORTHEAST QUARTER OF SECTION 12, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P.M.

TEMPORARY EASEMENTS FOR CONSTRUCTION



DETAIL



MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004TE 0.150 AC

PART OF THE NORTHWEST QUARTER OF SECTION 7 AND PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 22 NORTH, RANGE 8 EAST OF THE FOURTH P.M.

TRACT ONE 0.031 AC
TRACT TWO 0.119 AC

TEMPORARY EASEMENTS FOR CONSTRUCTION

EXIST. CURVE 350
PI STA. = 486+45.42
Δ = 0° 16' 10" (RT)
D = 0° 10' 00"
R = 34,376.17'
T = 80.83'
L = 161.67'
E = 0.10'
P.C. STA. = 485+64.59
P.T. STA. = 487+26.26

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung)

* WHITESIDE & OGLE

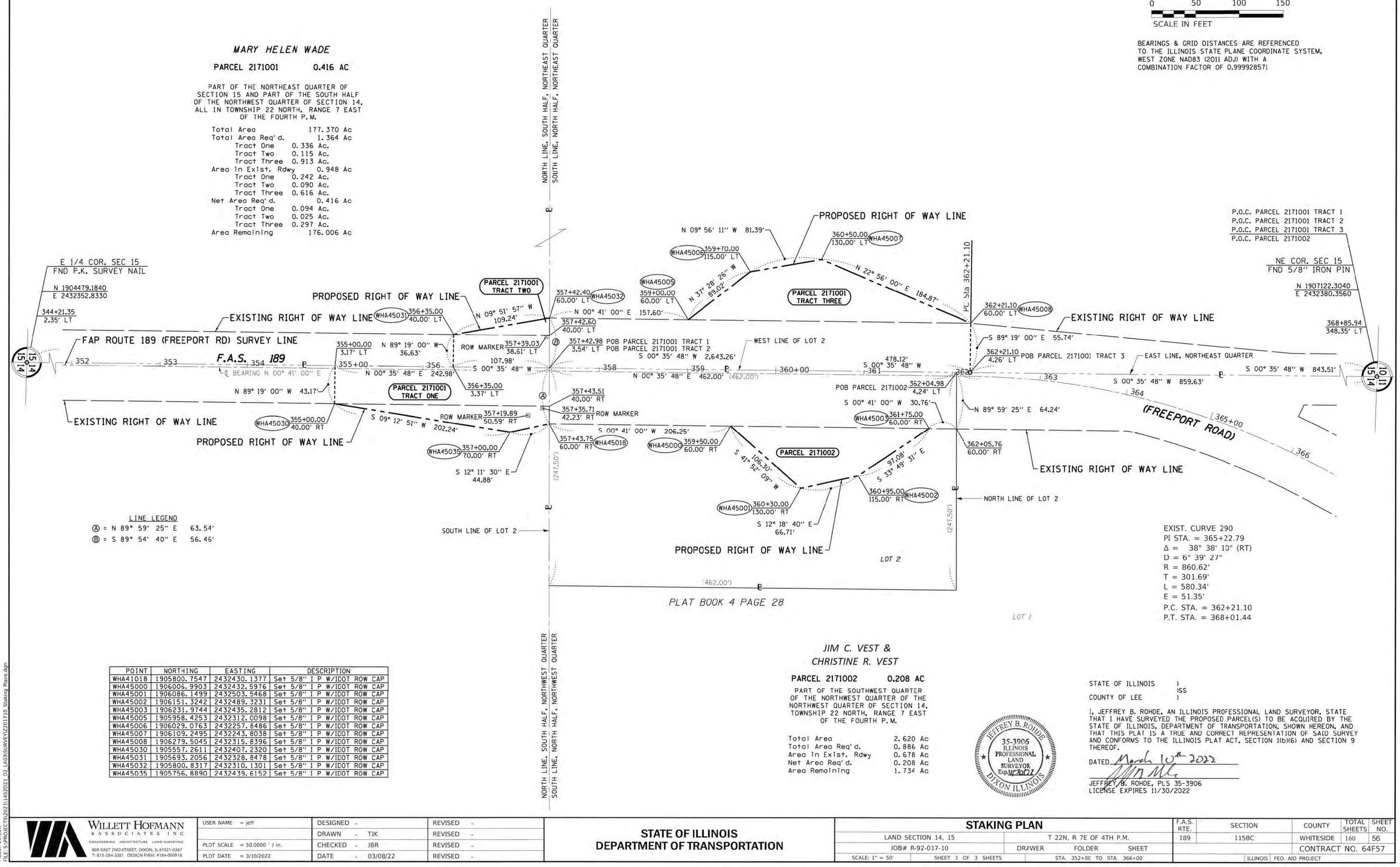
Mocel: Default
FILE: S:\PROJECTS\2021\1432021_D2_1403\SURVEY\2201710 ROW Plats.cgn

MAR 10 2022

WILLETT HOFMANN & ASSOCIATES INC ENGINEERING ARCHITECTURE LAND SURVEYING 809 EAST 2ND STREET, DIXON, IL 61021-0367 T: 815-284-3381 DESIGN FIRM: #184-000918	USER NAME = jeff	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**EASEMENT PLAT**		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		LAND SECTION 12, 7	T 22N, R 7&8E OF 4TH P.M.	189	115BC	*	160	55
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -		JOB# R-92-017-10	DRAWER FOLDER SHEET			CONTRACT NO. 64F57		
	PLOT DATE = 3/10/2022	DATE -	REVISED -		SCALE: 1" = 50'	SHEET E2 (2 OF 2 SHEETS) STA. 486+00 TO STA. 501+00			ILLINOIS	FED. AID PROJECT	

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan)



PLAT BOOK 4 PAGE 28

POINT	NORTHING	EASTING	DESCRIPTION
WHA41018	1905800.7547	2432430.1377	Set 5/8" I P W/IDOT ROW CAP
WHA45000	1906006.9903	2432432.5976	Set 5/8" I P W/IDOT ROW CAP
WHA45001	1906086.1499	2432503.5468	Set 5/8" I P W/IDOT ROW CAP
WHA45002	1906151.3242	2432489.3231	Set 5/8" I P W/IDOT ROW CAP
WHA45003	1906231.9744	2432435.2812	Set 5/8" I P W/IDOT ROW CAP
WHA45005	1905958.4253	2432312.0098	Set 5/8" I P W/IDOT ROW CAP
WHA45006	1906029.0763	2432257.8486	Set 5/8" I P W/IDOT ROW CAP
WHA45007	1906109.2495	2432243.8038	Set 5/8" I P W/IDOT ROW CAP
WHA45008	1906279.5045	2432315.8396	Set 5/8" I P W/IDOT ROW CAP
WHA45030	1905557.2611	2432407.2320	Set 5/8" I P W/IDOT ROW CAP
WHA45031	1905693.2056	2432328.8478	Set 5/8" I P W/IDOT ROW CAP
WHA45032	1905800.8317	2432310.1301	Set 5/8" I P W/IDOT ROW CAP
WHA45035	1905756.8890	2432439.6152	Set 5/8" I P W/IDOT ROW CAP

JIM C. VEST &
CHRISTINE R. VEST

PARCEL 2171002 0.208 AC

PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 22 NORTH, RANGE 7 EAST OF THE FOURTH P. M.

Total Area 2.620 Ac
Total Area Req'd. 0.886 Ac
Area In Exist. Rdwy 0.678 Ac
Net Area Req'd. 0.208 Ac
Area Remaining 1.734 Ac

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -		REVISED -
	DRAWN - TJK		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - JBR		REVISED -
PLOT DATE = 3/10/2022	DATE - 03/08/22		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAKING PLAN

LAND SECTION 14, 15 | T 22N, R 7E OF 4TH P.M.
JOB# R-92-017-10 | DRAWER FOLDER SHEET
SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 352+00 TO STA. 366+00

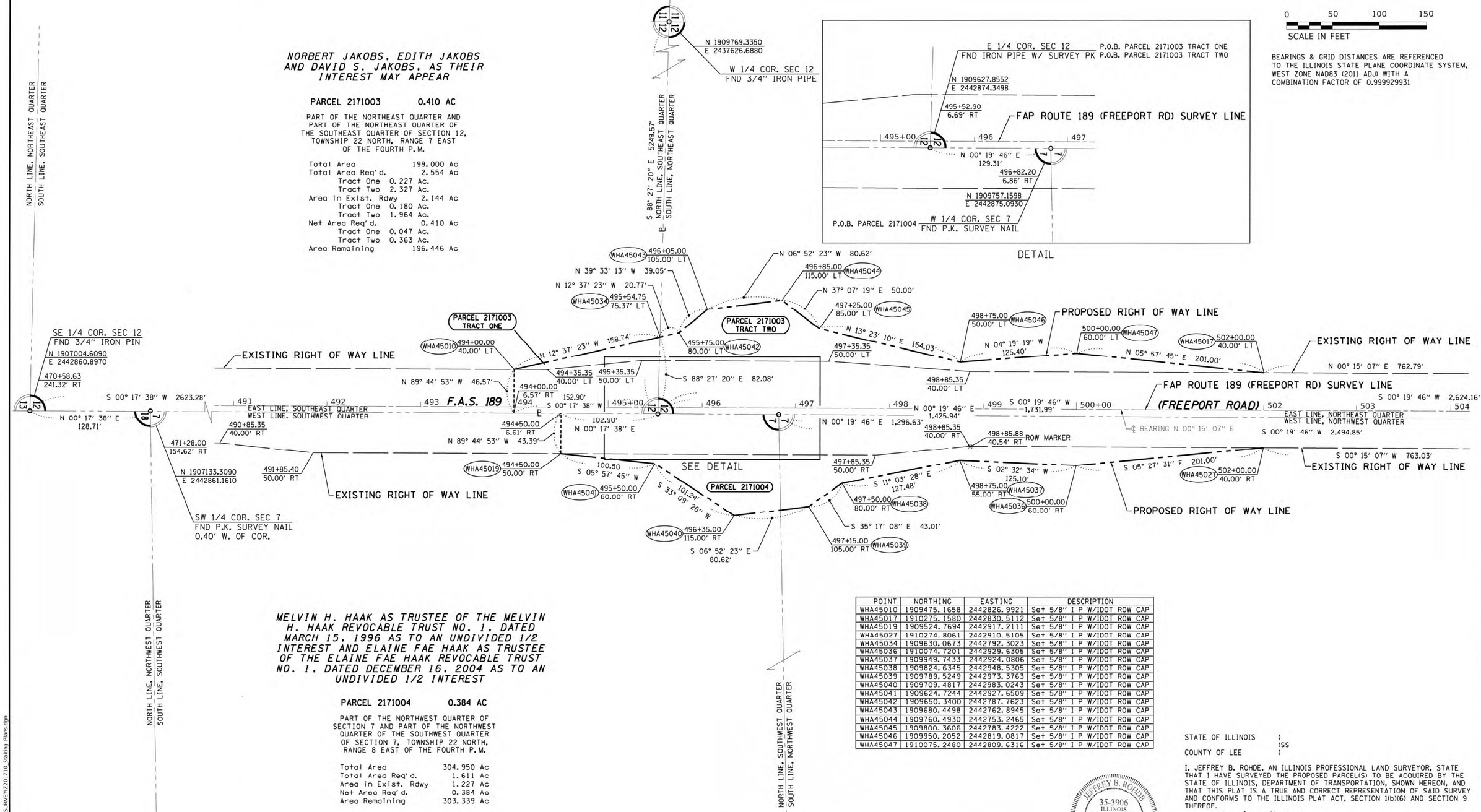
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	WHITESIDE	160	56
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

Model: Default
FILE: S:\PROJECTS\2021\1452021_D2_LA03\SURVEY\220170 Staking Plans.dgn

MAR 10 2022

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)



POINT	NORTHING	EASTING	DESCRIPTION
WHA45010	1909475.1658	2442826.9921	Set 5/8" I P W/IDOT ROW CAP
WHA45017	1910275.1580	2442830.5112	Set 5/8" I P W/IDOT ROW CAP
WHA45019	1909524.7694	2442917.2111	Set 5/8" I P W/IDOT ROW CAP
WHA45027	1910274.8061	2442910.5105	Set 5/8" I P W/IDOT ROW CAP
WHA45034	1909630.0673	2442792.3023	Set 5/8" I P W/IDOT ROW CAP
WHA45036	1910074.7201	2442929.6305	Set 5/8" I P W/IDOT ROW CAP
WHA45037	1909949.7433	2442924.0806	Set 5/8" I P W/IDOT ROW CAP
WHA45038	1909824.6345	2442948.5305	Set 5/8" I P W/IDOT ROW CAP
WHA45039	1909789.5249	2442973.3763	Set 5/8" I P W/IDOT ROW CAP
WHA45040	1909709.4817	2442983.0243	Set 5/8" I P W/IDOT ROW CAP
WHA45041	1909624.7244	2442927.6509	Set 5/8" I P W/IDOT ROW CAP
WHA45042	1909650.3400	2442787.7623	Set 5/8" I P W/IDOT ROW CAP
WHA45043	1909680.4498	2442762.8945	Set 5/8" I P W/IDOT ROW CAP
WHA45044	1909760.4930	2442753.2465	Set 5/8" I P W/IDOT ROW CAP
WHA45045	1909800.3606	2442783.4222	Set 5/8" I P W/IDOT ROW CAP
WHA45046	1909950.2052	2442819.0817	Set 5/8" I P W/IDOT ROW CAP
WHA45047	1910075.2480	2442809.6316	Set 5/8" I P W/IDOT ROW CAP

STATE OF ILLINOIS)
) SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

Model: Default
FILE: S:\PROJECTS\2021\145\2021_D2_LA03SURVEY\230-710 Staking Plans.dgn

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME - jeff	DESIGNED -		REVISED -
	DRAWN -	TJK	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	JBR	REVISED -
PLOT DATE = 3/10/2022	DATE -	03/08/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAKING PLAN

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.	
JOB# R-92-017-10	DRAWER	FOLDER SHEET
SCALE: 1" = 50'	SHEET 2 OF 3 SHEETS	STA. 491+00 TO STA. 504+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115DC	*	160	57
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

MAR 10 2022

Township 22 North, Range 7 East of the Fourth Principal Meridian

(Township of Jordan - Whiteside County)

N

0 50 100 150

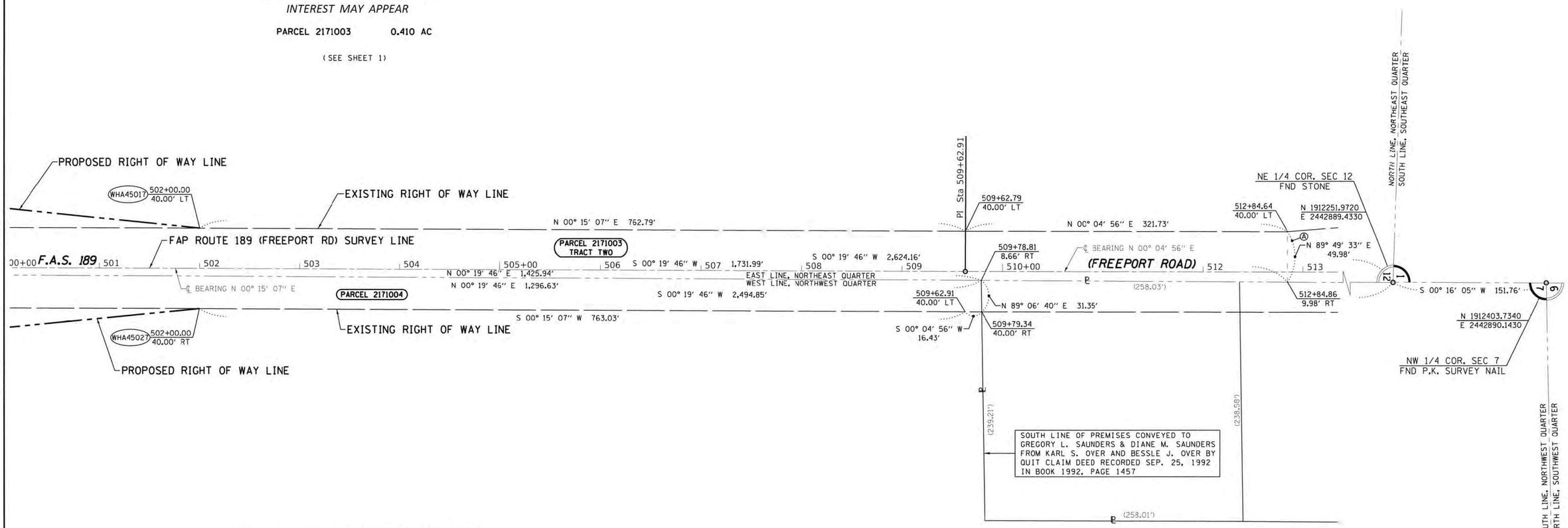
SCALE IN FEET

BEARINGS & GRID DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE NAD83 (2011 ADJ) WITH A COMBINATION FACTOR OF 0.999929931

NORBERT JAKOBS, EDITH JAKOBS, AND DAVID S. JAKOBS, AS THEIR INTEREST MAY APPEAR

PARCEL 2171003 0.410 AC

(SEE SHEET 1)



MELVIN H. HAAK AS TRUSTEE OF THE MELVIN H. HAAK REVOCABLE TRUST NO. 1, DATED MARCH 15, 1996 AS TO AN UNDIVIDED 1/2 INTEREST AND ELAINE FAE HAAK AS TRUSTEE OF THE ELAINE FAE HAAK REVOCABLE TRUST NO. 1, DATED DECEMBER 16, 2004 AS TO AN UNDIVIDED 1/2 INTEREST

PARCEL 2171004 0.384 AC

(SEE SHEET 1)

POINT	NORTHING	EASTING	DESCRIPTION
WHA45017	1910275.1580	2442830.5112	Set 5/8" I P W/IDOT ROW CAP
WHA45027	1910274.8061	2442910.5105	Set 5/8" I P W/IDOT ROW CAP

Ⓐ SOUTH LINE OF A TRACT OF LAND DESCRIBED IN THE WARRANTY DEED TO THE PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION AS RECORDED ON MAY 31, 1998 AS INSTRUMENT NO. 4612-98 IN THE RECORDER'S OFFICE OF WHITESIDE COUNTY

STATE OF ILLINOIS)
)SS
COUNTY OF LEE)

I, JEFFREY B. ROHDE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, STATE THAT I HAVE SURVEYED THE PROFOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON, AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND CONFORMS TO THE ILLINOIS PLAT ACT, SECTION 1(b)(6) AND SECTION 9 THEREOF.

DATED March 10th 2022

JEFFREY B. ROHDE, PLS 35-3906
LICENSE EXPIRES 11/30/2022

JEFFREY B. ROHDE 35-3906 ILLINOIS PROFESSIONAL LAND SURVEYOR Exp. 11/30/22 DIXON ILLINOIS

Township 22 North, Range 8 East of the Fourth Principal Meridian

(Township of Woosung - Ogle County)

* WHITESIDE & OGLE

Model: Default
FILE: S:\PROJECTS\2021\1452021_02_LAND\SURVEY\201710_Staking Plans.dgn

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T: 815-284-3381 DESIGN FIRM: #184-000918

USER NAME = jeff	DESIGNED -		REVISED -
	DRAWN -		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED -	JDH, SMS	REVISED -
PLOT DATE = 3/10/2022	DATE -	12/08/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

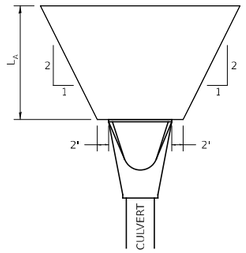
STAKING PLAN

LAND SECTION 12, 7	T 22N, R 7,8E OF 4TH P.M.	
JOB# R-92-017-10	DRAWER FOLDER	SHEET
SCALE: 1" = 50'	SHEET 3 OF 3 SHEETS	STA. 501+00 TO STA. 513+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
189	115BC	*	160	58
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

MAR 10 2022

RIPRAP AT END SECTIONS

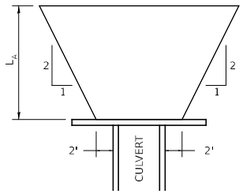


FLARED END SECTION

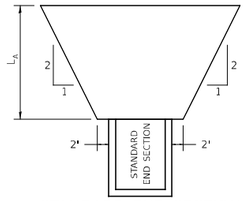
L_A = APRON LENGTH (ft)

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, RIPRAP BANK TO BANK FOR LENGTH (L_A).

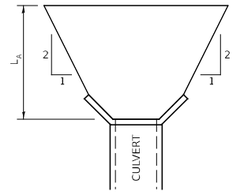
STANDARD END SECTION:
542001 (PIPE), 542011 (ELLIPTICAL)
DISTRICT STANDARD 10.1 (BOX).



CULVERT WITH HEADWALL



STANDARD END SECTION

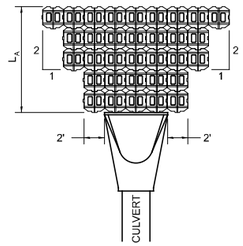


CULVERT WITH WING WALLS

REVISED - 7-13-16
REVISED - 11-12-14
REVISED - 2-10-14

RIPRAP AT END SECTIONS 19.4

CONCRETE REVETMENT MAT AT END SECTIONS

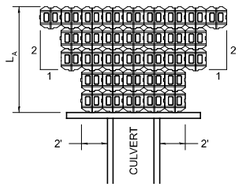


FLARED END SECTION

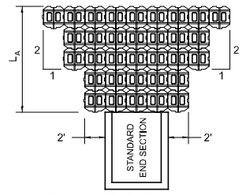
L_A= APRON LENGTH (ft)

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, INSTALL BLOCK BANK TO BANK FOR LENGTH (L_A)

STANDARD END SECTION:
542001 (PIPE), 542011 (ELLIPTICAL)
DISTRICT STANDARD 10.1 (BOX).

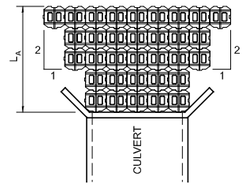


CULVERT WITH HEADWALL



STANDARD END SECTION

Station	Offset	Velocity (ft/sec)	Slope (ft/ft)	Depth of Flow (ft)	Shear Stress (lb/ft²)

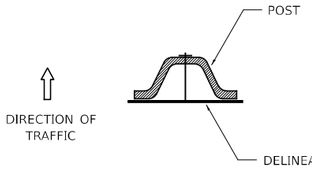


CULVERT WITH WING WALLS

REVISED - 7-13-16
REVISED - 11-12-14

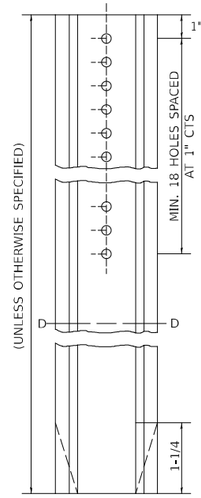
CONCRETE REVETMENT MAT AT END SECTIONS 19.4a

DELINEATOR AND POST ORIENTATION





SECTION D-D



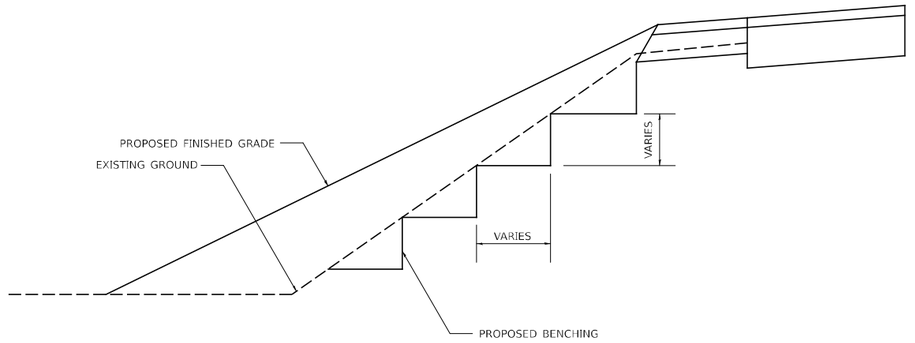
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180° . THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHECD AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:27	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 STANDARDS –
19.4, 19.4A, 37.4, 50.4

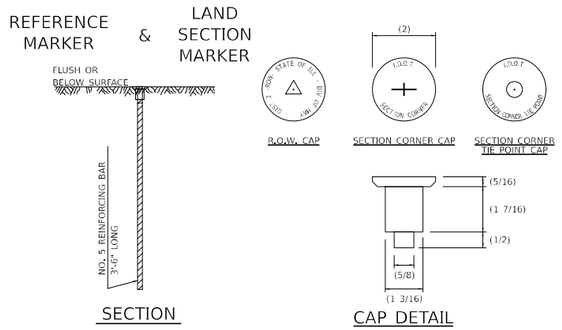
SCALE: | SHEET 1 OF 16 SHEETS | STA. | TO STA.

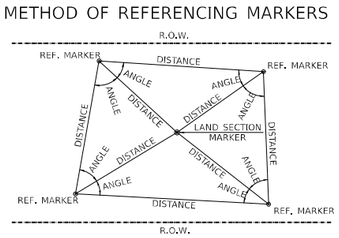
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	59
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

LAND SECTION & REFERENCE MARKERS





METHOD OF REFERENCING POINTS

REFERENCE MARKERS SHALL BE USED TO TIE IN PERMANENT LAND SECTION AND 1/4 SECTION CORNERS. WHERE LAND SECTION MARKERS FALL IN THE SHOULDERS OR GRAVEL SURFACES, THE TOP OF THE BAR SHALL BE KEPT 3" BELOW THE SURFACE. LAND SECTION MARKERS LOCATED IN TRAFFIC LANES SHALL BE REPLACED BY CORE DRILL AND RESETTING PIN.

ALUMINUM CAPS SHALL BE PLACED ON TOP OF THE REINFORCEMENT BAR. THERE ARE 3 TYPES OF CAPS, ONE FOR THE RIGHT-OF-WAY CORNERS, ONE FOR THE SECTION CORNERS AND ONE FOR THE SECTION CORNER TIE POINTS. THE CAPS WILL BE SUPPLIED BY THE SURVEYOR WHO IS RESPONSIBLE FOR MONUMENTING CORNERS.

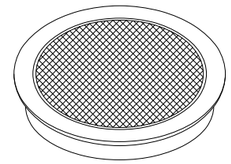
REVISED - 3-05-10

- USE INSTRUMENT TIES TO NEARBY LAND-MARKS (STEEPLES, TOWERS, SILOS, ETC...)
- IN CULTIVATED FIELDS, SET 28" OR MORE BELOW GROUND SURFACE.
- IN FENCE LINE OR PROTECTED AREA SET TOP AT GROUND LEVEL SO AS NOT TO BE DISTURBED BY MOWING.

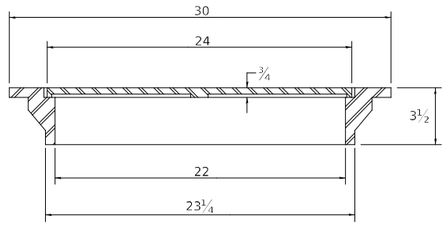
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

LAND SECTION & REFERENCE MARKERS 63.4

FIELD TILE JUNCTION VAULTS 2' AND 3' DIA.

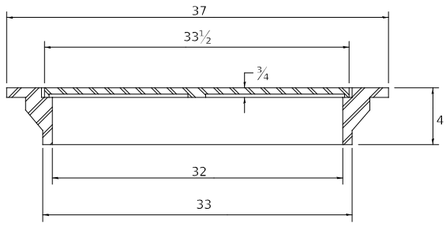


FRAME & LID FOR 2' VAULT

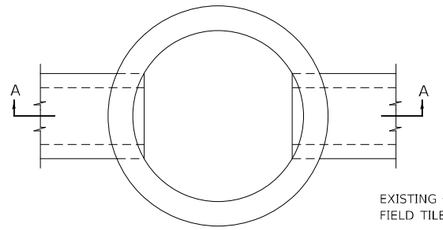


TOTAL WEIGHT: 146 LBS.

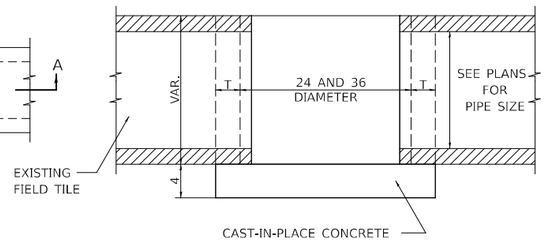
FRAME & LID FOR 3' VAULT



TOTAL WEIGHT: 280 LBS.



PLAN



SECTION A-A

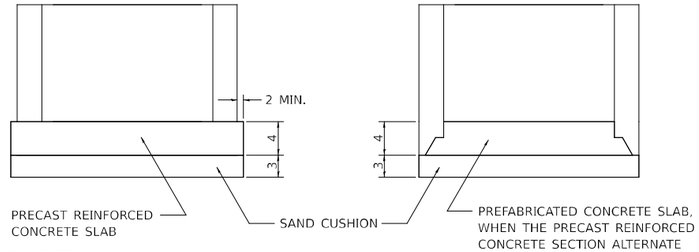
GENERAL NOTES:

THE FRAME AND LID IS REQUIRED ON ALL JUNCTION VAULTS.
THE FRAME AND LID SHALL BE INSTALLED FLUSH WITH THE GROUND.

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8
CAST-IN-PLACE CONCRETE	6
CONCRETE MASONRY UNIT	5
PRECAST REINFORCED CONCRETE SECTION	3

FRAME AND LIDS:

R-6040 OR EQUIVALENT (2')
R-6080 OR EQUIVALENT (3')



ALTERNATE METHODS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 1-03-18
REVISED - 6-27-14
REVISED - 10-14-11

FIELD TILE JUNCTION VAULTS 2' AND 3' DIA. 30.2

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:27	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

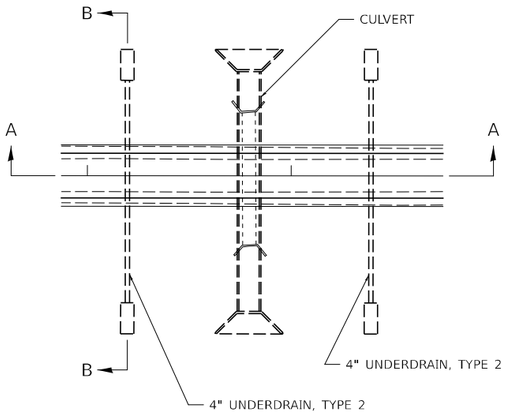
DISTRICT 2 STANDARDS – 63.4, 30.2

SCALE: | SHEET 2 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	60
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

UNDERDRAIN FOR ACROSS ROAD (AR) CULVERTS



NOTES:

IN SAG CONDITIONS INSTALL PIPE UNDERDRAINS, TYPE 2, 4" ON BOTH SIDES OF CULVERT.

ON HIGHWAY GRADES GREATER THAN 2% INSTALL PIPE UNDERDRAINS, TYPE 2, 4" ON THE HIGH SIDE OF THE CULVERT.

THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.

THE UNDERDRAIN SHALL EXTEND UNTIL INTERSECTING WITH THE SIDE SLOPES. THE PIPES SHALL DRAIN INTO CONCRETE HEADWALLS. (SEE ARTICLE 601.05 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARD 601101).

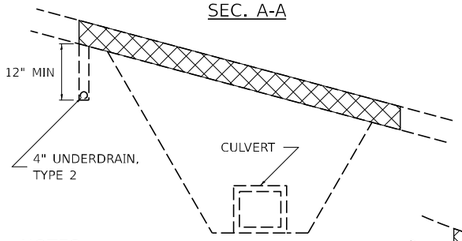
THE UNDERDRAIN SHALL BE A MINIMUM OF 12" BELOW THE EXISTING PAVEMENT.

PIPE UNDERDRAINS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE UNDERDRAINS, TYPE 2, 4".

CONCRETE HEADWALLS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR CONCRETE HEADWALLS FOR PIPE DRAINS.

A DELINEATOR SHALL BE PLACED AT EACH CONCRETE HEADWALL. THESE BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DELINEATORS.

SEC. A-A

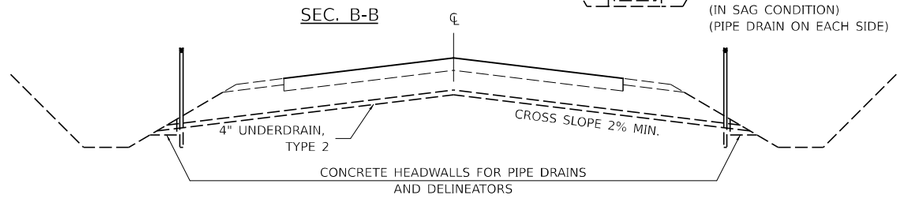


NOTES:
(HIGHWAY GRADE GREATER THAN 2%)

SEC. A-A

NOTES:
(IN SAG CONDITION)
(PIPE DRAIN ON EACH SIDE)

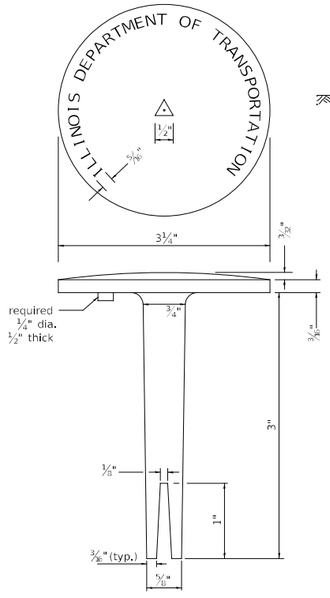
SEC. B-B



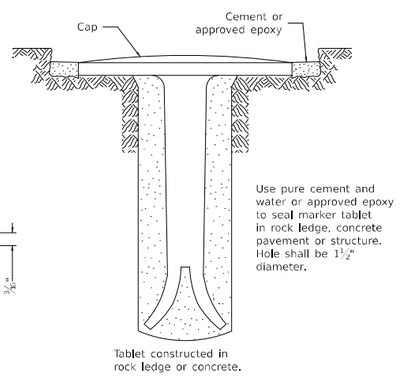
REVISED - 8-03-17
REVISED - 7-13-16
REVISED - 1-05-16
REVISED - 6-27-14

UNDERDRAIN FOR ACROSS ROAD (AR) CULVERTS 37.2

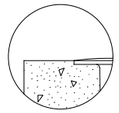
PERMANENT SURVEY MARKERS, TYPE II



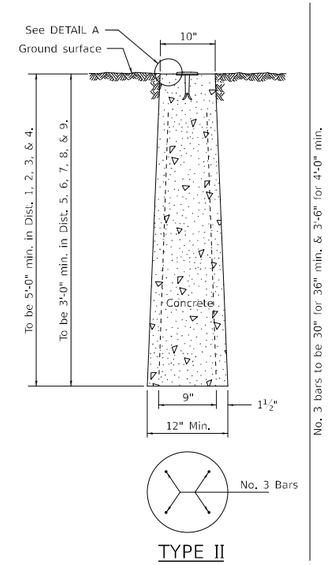
BRASS OR ALUMINUM TABLET



TYPE II



DETAIL A

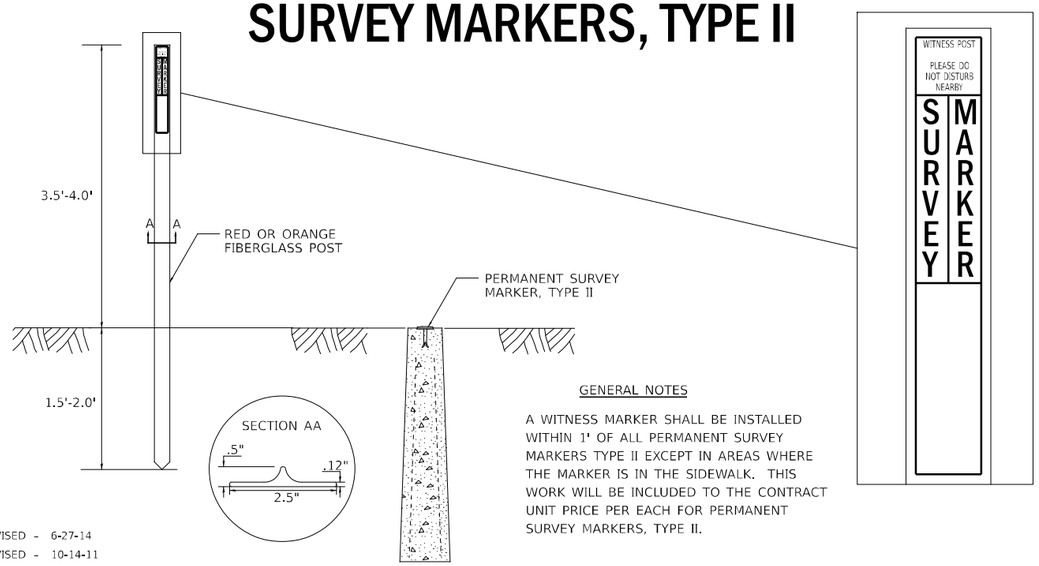


TYPE II

CAST-IN-PLACE MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.

REVISED - 6-27-14
REVISED - 10-14-11

PERMANENT SURVEY MARKERS, TYPE II 66.2

MODEL: $MODELNAME$
FILE NAME: $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:27	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

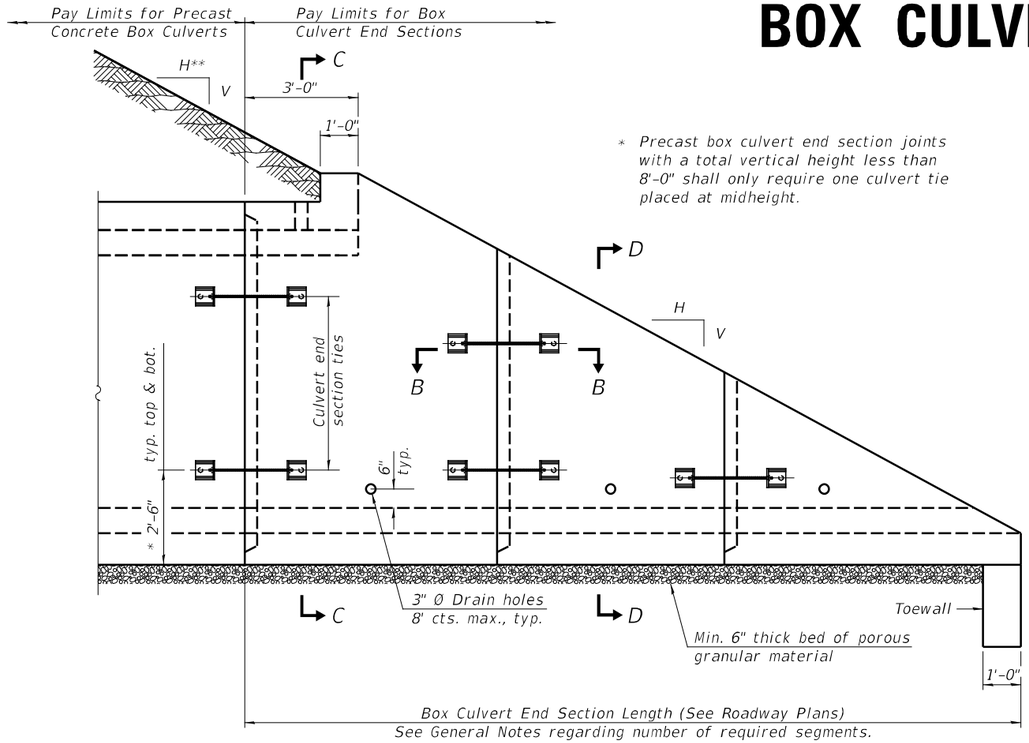
DISTRICT 2 STANDARD –
37.2, 66.2

SCALE: | SHEET 3 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	61
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

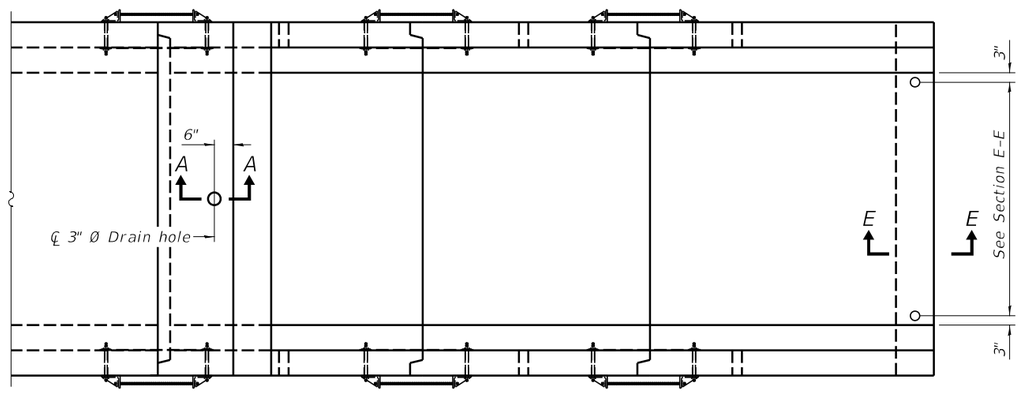
* WHITESIDE & OGLE

BOX CULVERT END SECTIONS

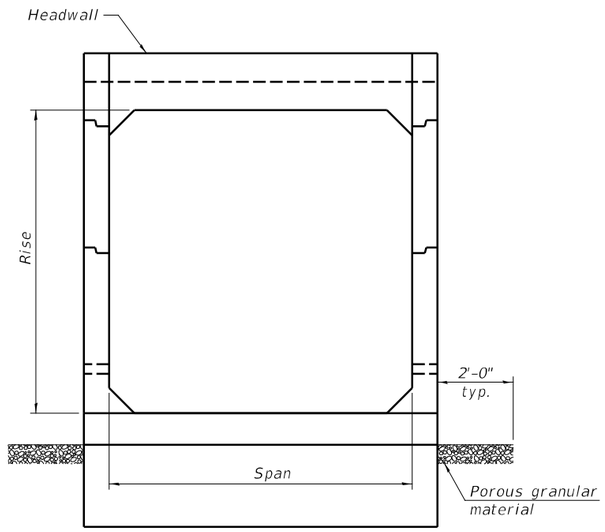


* Precast box culvert end section joints with a total vertical height less than 8'-0" shall only require one culvert tie placed at midheight.

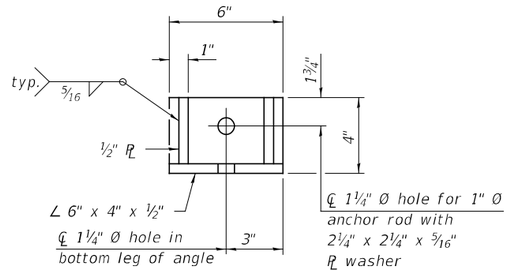
ELEVATION



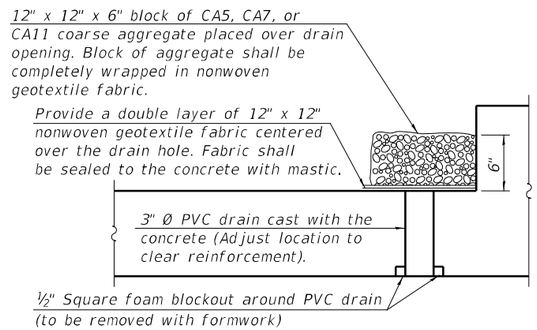
PLAN



END VIEW



RESTRAINT ANGLE DETAIL



SECTION A-A

(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.)

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Speci cations except as modi ed herein. This work will be measured for payment as each, with each end of each culvert being one each. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number speci ed.

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

Number of segments shown in Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

** See roadway plans for embankment slope (V:H).

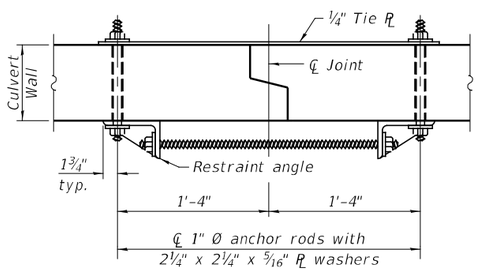
1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Speci cations. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2¼" x 2¼" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional ½ 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.

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 contract unit price for Box Culvert End Sections of the culvert number speci ed.

Drain holes shall conform to the requirements of Article 503.11 of the Standard Speci cations unless noted otherwise.

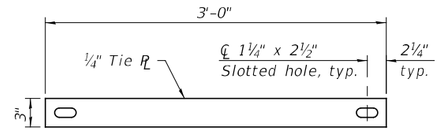
Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd..

For end sections with traversable pipe grate systems, see grate detail sheet for required modi cations.



SECTION B-B

(Showing end section tie details)



TIE PLATE DETAIL

MODEL: $MODELNAME$
FILE NAME: $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:27	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

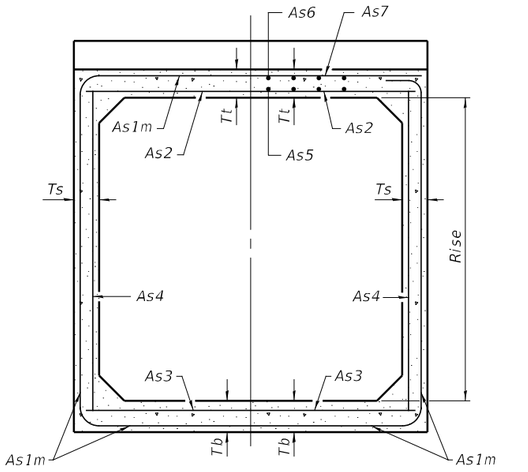
DISTRICT 2 STANDARD –
BOX CULVERT END SECTIONS (10.1)

SCALE: | SHEET 4 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	62
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

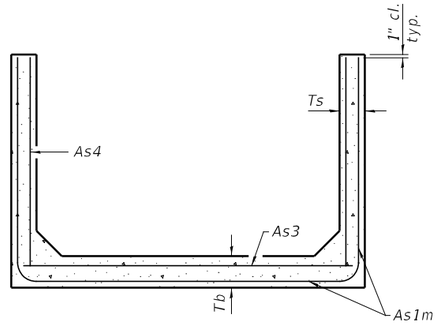
* WHITESIDE & OGLE

BOX CULVERT END SECTIONS

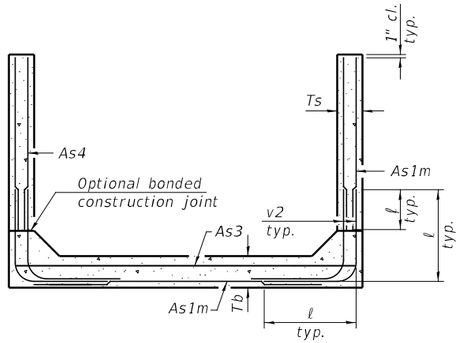


(Design Earth Cover ≥ 2 ft) (Design Earth Cover < 2 ft)

SECTION C-C



SECTION D-D



ALTERNATE SECTION D-D

As1m REINFORCEMENT (in.²/ ft)											
Ts (in.) \ Rise (ft)	2	3	4	5	6	7	8	9	10	11	12
4	0.19	0.17									
5	0.26	0.21	0.18								
6	0.22	0.26	0.23	0.22							
7	0.25	0.33	0.59	0.27	0.28						
8	0.40	0.35	0.43	0.39	0.36	0.34	0.40				
9	0.44	0.39	0.35	0.43	0.40	0.37	0.36	0.48			
10	0.48	0.42	0.38	0.47	0.44	0.41	0.38	0.42	0.56		
11	0.52	0.45	0.54	0.50	0.46	0.44	0.41	0.46	0.50	0.65	
12	0.55	0.49	0.58	0.54	0.50	0.48	0.45	0.46	0.46	0.61	0.75

(As1m reinforcement based upon welded wire reinforcement conforming to AASHTO M 55 or M 221).

ℓ DIMENSION

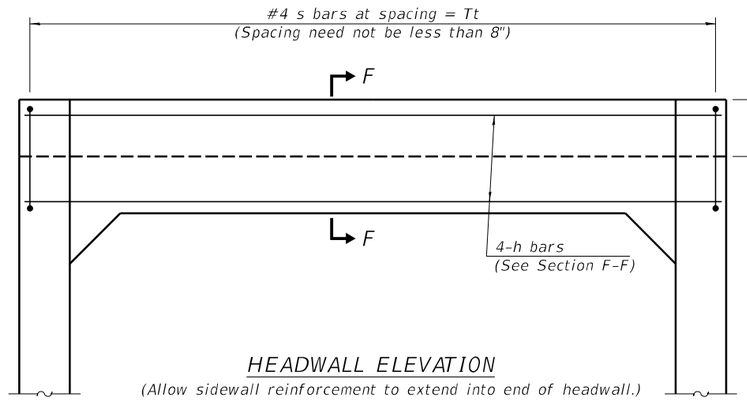
#3 bar = 2'-0"
#4 bar = 2'-8"
#5 bar = 3'-4"
#6 bar = 3'-11"

Notes:

Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.

The size and spacing of the v2 bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to 1.10*(As1m). v2 bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

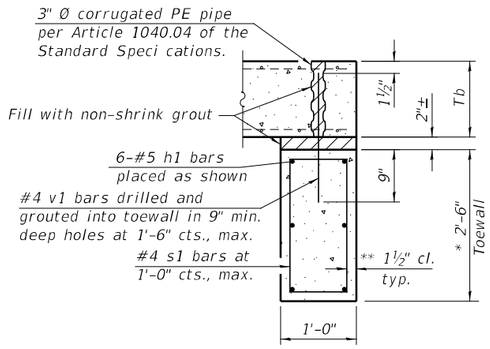


HEADWALL ELEVATION

(Allow sidewall reinforcement to extend into end of headwall.)

BAR s

BAR s1



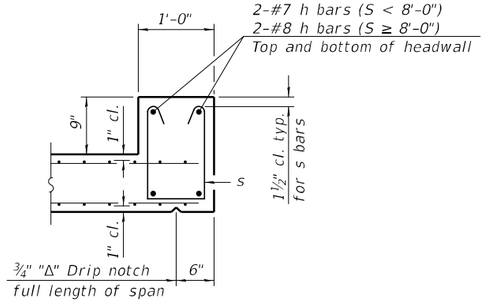
SECTION E-E

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Back fill according to the applicable paragraphs of Article 502.10 of the Standard Specifications 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 the method.

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



SECTION F-F

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:27	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

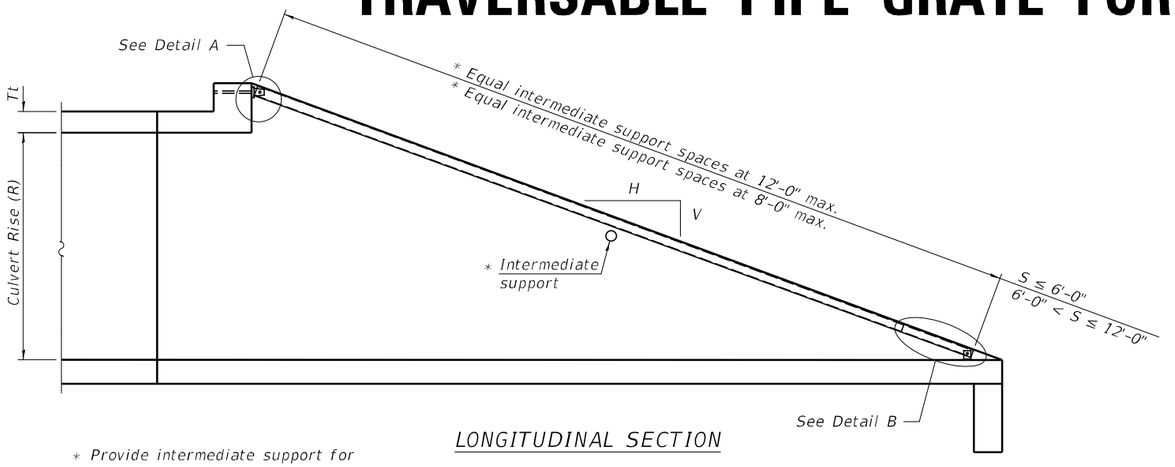
DISTRICT 2 STANDARD –
BOX CULVERT END SECTIONS (10.1)

SCALE: | SHEET 5 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 139	115BC	WHITESIDE & OGLE	160	63
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

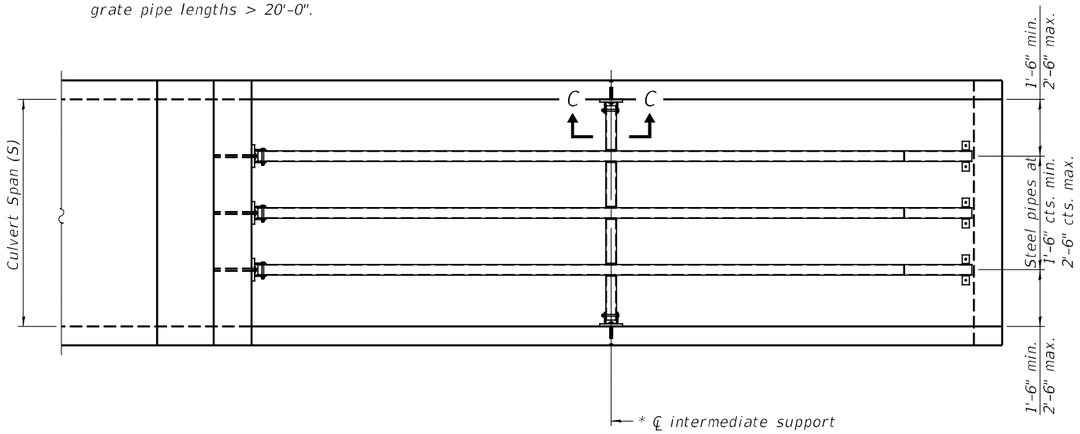
* WHITESIDE & OGLE

TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS

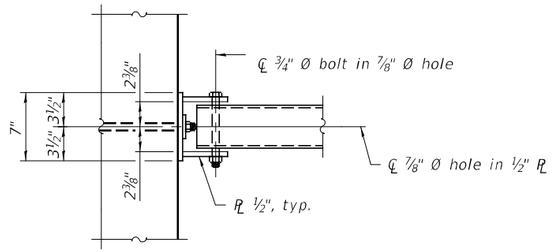


LONGITUDINAL SECTION

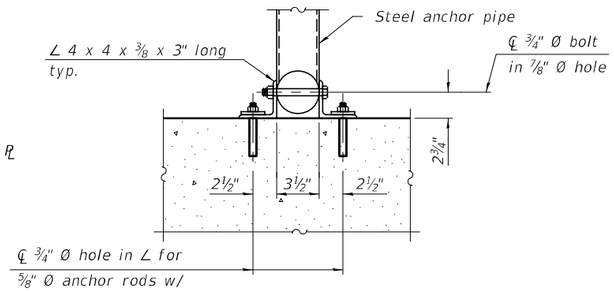
* Provide intermediate support for grate pipe lengths > 20'-0".



PLAN VIEW



VIEW A-A



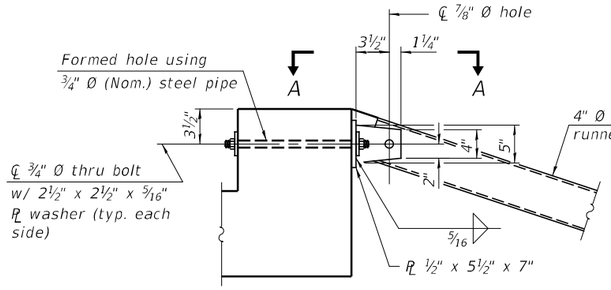
SECTION B-B

GENERAL NOTES

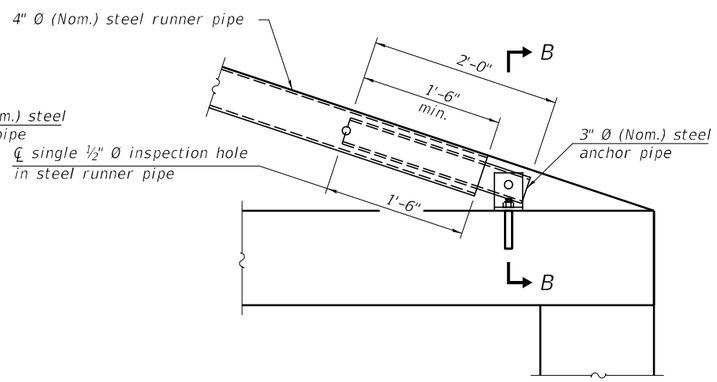
The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1½" unless noted otherwise.

This standard shall only be used on concrete end sections not skewed more than ±15 degrees with roadway.

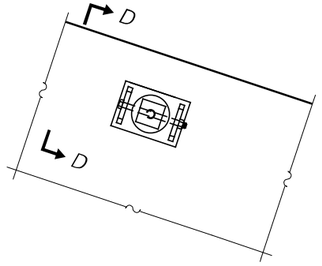
The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completed lled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional ⅓ turn on the interior nut at nal installation. Cost included with Traversable Pipe Grate.



DETAIL A

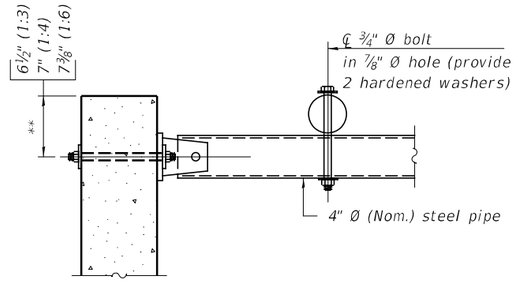


DETAIL B



VIEW C-C

(See Detail A for dimensions and details not shown.)



SECTION D-D

** Measured perpendicular to top of culvert wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert end section.

MODEL: $MODELNAME$
FILE NAME: $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:27	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 STANDARD –
TRANSVERSABLE PIPE GRATE FOR BOX CULVERT END SECTION (13.1)

SCALE: | SHEET 6 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	64
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS

PIPE-GRATE SCHEDULE FOR BOX CULVERT END SECTIONS

Precast Box Culvert Dimensions			Slope of End Section								
			1:3			1:4			1:6		
S (ft)	R (ft)	Tt (in)	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe
4	2	7.5	1 @ 8'-10"	N/A	8'-10"	1 @ 11'-7"	N/A	11'-7"	1 @ 17'-2"	N/A	17'-2"
4	2	5	1 @ 8'-2"	N/A	8'-2"	1 @ 10'-8"	N/A	10'-8"	1 @ 15'-11"	N/A	15'-11"
4	3	7.5	1 @ 12'-0"	N/A	12'-0"	1 @ 15'-8"	N/A	15'-8"	1 @ 23'-3"	1 @ 3'-7"	26'-10"
4	3	5	1 @ 11'-4"	N/A	11'-4"	1 @ 14'-10"	N/A	14'-10"	1 @ 22'-0"	1 @ 3'-7"	25'-7"
4	4	7.5	1 @ 15'-2"	N/A	15'-2"	1 @ 19'-10"	1 @ 3'-7"	23'-5"	1 @ 29'-4"	2 @ 3'-7"	36'-6"
4	4	5	1 @ 14'-6"	N/A	14'-6"	1 @ 18'-11"	N/A	18'-11"	1 @ 28'-1"	2 @ 3'-7"	35'-3"
5	2	8	1 @ 8'-11"	N/A	8'-11"	1 @ 11'-9"	N/A	11'-9"	1 @ 17'-5"	N/A	17'-5"
5	2	6	1 @ 8'-5"	N/A	8'-5"	1 @ 11'-1"	N/A	11'-1"	1 @ 16'-5"	N/A	16'-5"
5	3	8	1 @ 12'-1"	N/A	12'-1"	1 @ 15'-10"	N/A	15'-10"	1 @ 23'-6"	1 @ 4'-7"	28'-1"
5	3	6	1 @ 11'-7"	N/A	11'-7"	1 @ 15'-2"	N/A	15'-2"	1 @ 22'-6"	1 @ 4'-7"	27'-1"
5	4	8	1 @ 15'-3"	N/A	15'-3"	1 @ 20'-0"	1 @ 4'-7"	24'-7"	1 @ 29'-7"	2 @ 4'-7"	38'-9"
5	4	6	1 @ 14'-9"	N/A	14'-9"	1 @ 19'-3"	N/A	19'-3"	1 @ 28'-7"	2 @ 4'-7"	37'-9"
5	5	8	1 @ 18'-5"	N/A	18'-5"	1 @ 24'-1"	2 @ 4'-7"	33'-3"	1 @ 35'-8"	3 @ 4'-7"	49'-5"
5	5	6	1 @ 17'-11"	N/A	17'-11"	1 @ 23'-5"	1 @ 4'-7"	28'-0"	1 @ 34'-8"	2 @ 4'-7"	43'-10"
6	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
6	2	7	2 @ 8'-8"	N/A	17'-4"	2 @ 11'-5"	N/A	22'-10"	2 @ 16'-11"	N/A	33'-10"
6	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	1 @ 5'-7"	52'-7"
6	3	7	2 @ 11'-10"	N/A	23'-8"	2 @ 15'-6"	N/A	31'-0"	2 @ 23'-0"	1 @ 5'-7"	51'-7"
6	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	1 @ 5'-7"	45'-7"	2 @ 29'-7"	2 @ 5'-7"	70'-4"
6	4	7	2 @ 15'-0"	N/A	30'-0"	2 @ 19'-8"	1 @ 5'-7"	44'-11"	2 @ 29'-1"	2 @ 5'-7"	69'-4"
6	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	2 @ 5'-7"	59'-4"	2 @ 35'-8"	3 @ 5'-7"	88'-1"
6	5	7	2 @ 18'-2"	N/A	36'-4"	2 @ 23'-9"	2 @ 5'-7"	58'-8"	2 @ 35'-2"	2 @ 5'-7"	81'-6"
6	6	8	2 @ 21'-7"	1 @ 5'-7"	48'-9"	2 @ 28'-3"	2 @ 5'-7"	67'-8"	2 @ 41'-9"	3 @ 5'-7"	100'-3"
6	6	7	2 @ 21'-4"	1 @ 5'-7"	48'-3"	2 @ 27'-11"	2 @ 5'-7"	67'-0"	2 @ 41'-3"	3 @ 5'-7"	99'-3"
7	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
7	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	2 @ 6'-7"	60'-2"
7	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	2 @ 6'-7"	53'-2"	2 @ 29'-7"	3 @ 6'-7"	78'-11"
7	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	3 @ 6'-7"	67'-11"	2 @ 35'-8"	4 @ 6'-7"	97'-8"
7	6	8	2 @ 21'-7"	2 @ 6'-7"	56'-4"	2 @ 28'-3"	3 @ 6'-7"	76'-3"	2 @ 41'-9"	5 @ 6'-7"	116'-5"
7	7	8	2 @ 24'-9"	3 @ 6'-7"	69'-3"	2 @ 32'-4"	4 @ 6'-7"	91'-0"	2 @ 47'-10"	6 @ 6'-7"	135'-2"
8	2	8	3 @ 8'-11"	N/A	26'-9"	3 @ 11'-9"	N/A	35'-3"	3 @ 17'-5"	N/A	52'-3"
8	3	8	3 @ 12'-1"	N/A	36'-3"	3 @ 15'-10"	N/A	47'-6"	3 @ 23'-6"	2 @ 7'-7"	85'-8"
8	4	8	3 @ 15'-3"	N/A	45'-9"	3 @ 20'-0"	2 @ 7'-7"	75'-2"	3 @ 29'-7"	3 @ 7'-7"	111'-6"
8	5	8	3 @ 18'-5"	N/A	55'-3"	3 @ 24'-1"	3 @ 7'-7"	95'-0"	3 @ 35'-8"	4 @ 7'-7"	137'-4"
8	6	8	3 @ 21'-7"	2 @ 7'-7"	79'-11"	3 @ 28'-3"	3 @ 7'-7"	107'-6"	3 @ 41'-9"	5 @ 7'-7"	163'-2"
8	7	8	3 @ 24'-9"	3 @ 7'-7"	97'-0"	3 @ 32'-4"	4 @ 7'-7"	127'-4"	3 @ 47'-10"	6 @ 7'-7"	189'-0"
8	8	8	3 @ 27'-11"	3 @ 7'-7"	106'-6"	3 @ 36'-6"	4 @ 7'-7"	139'-10"	3 @ 53'-11"	6 @ 7'-7"	207'-3"
9	2	9	3 @ 9'-3"	N/A	27'-9"	3 @ 12'-1"	N/A	36'-3"	3 @ 17'-11"	N/A	53'-9"
9	3	9	3 @ 12'-4"	N/A	37'-0"	3 @ 16'-2"	N/A	48'-6"	3 @ 24'-0"	3 @ 8'-7"	97'-9"
9	4	9	3 @ 15'-6"	N/A	46'-6"	3 @ 20'-4"	2 @ 8'-7"	78'-2"	3 @ 30'-1"	3 @ 8'-7"	116'-0"
9	5	9	3 @ 18'-8"	N/A	56'-0"	3 @ 24'-5"	3 @ 8'-7"	99'-0"	3 @ 36'-2"	4 @ 8'-7"	142'-10"
9	6	9	3 @ 21'-10"	2 @ 8'-7"	82'-8"	3 @ 28'-7"	3 @ 8'-7"	111'-6"	3 @ 42'-3"	5 @ 8'-7"	169'-8"
9	7	9	3 @ 25'-0"	3 @ 8'-7"	100'-9"	3 @ 32'-8"	4 @ 8'-7"	132'-4"	3 @ 48'-4"	6 @ 8'-7"	196'-6"
9	8	9	3 @ 28'-2"	3 @ 8'-7"	110'-3"	3 @ 36'-10"	4 @ 8'-7"	144'-10"	3 @ 54'-5"	6 @ 8'-7"	214'-9"
9	9	9	3 @ 31'-4"	3 @ 8'-7"	119'-9"	3 @ 40'-11"	5 @ 8'-7"	165'-8"	3 @ 60'-6"	7 @ 8'-7"	241'-7"
10	2	10	3 @ 9'-6"	N/A	28'-6"	3 @ 12'-5"	N/A	37'-3"	3 @ 18'-5"	N/A	55'-3"
10	3	10	3 @ 12'-8"	N/A	38'-0"	3 @ 16'-6"	N/A	49'-6"	3 @ 24'-6"	3 @ 9'-7"	102'-3"
10	4	10	3 @ 15'-10"	N/A	47'-6"	3 @ 20'-8"	2 @ 9'-7"	81'-2"	3 @ 30'-7"	3 @ 9'-7"	120'-6"
10	5	10	3 @ 19'-0"	N/A	57'-0"	3 @ 24'-9"	3 @ 9'-7"	103'-0"	3 @ 36'-8"	4 @ 9'-7"	148'-4"
10	6	10	3 @ 22'-1"	2 @ 9'-7"	85'-5"	3 @ 28'-11"	3 @ 9'-7"	115'-6"	3 @ 42'-9"	5 @ 9'-7"	176'-2"
10	7	10	3 @ 25'-3"	3 @ 9'-7"	104'-6"	3 @ 33'-0"	4 @ 9'-7"	137'-4"	3 @ 48'-10"	6 @ 9'-7"	204'-0"
10	8	10	3 @ 28'-5"	3 @ 9'-7"	114'-0"	3 @ 37'-2"	4 @ 9'-7"	149'-10"	3 @ 54'-11"	6 @ 9'-7"	222'-3"
10	9	10	3 @ 31'-7"	4 @ 9'-7"	133'-1"	3 @ 41'-3"	5 @ 9'-7"	171'-8"	3 @ 61'-0"	7 @ 9'-7"	250'-1"
10	10	10	3 @ 34'-9"	4 @ 9'-7"	142'-7"	3 @ 45'-5"	5 @ 9'-7"	184'-2"	3 @ 67'-1"	8 @ 9'-7"	277'-11"
11	2	11	4 @ 9'-9"	N/A	39'-0"	4 @ 12'-9"	N/A	51'-0"	4 @ 18'-11"	N/A	75'-8"
11	3	11	4 @ 12'-11"	N/A	51'-8"	4 @ 16'-11"	N/A	67'-8"	4 @ 25'-0"	3 @ 10'-7"	131'-9"
11	4	11	4 @ 16'-1"	N/A	64'-4"	4 @ 21'-0"	2 @ 10'-7"	105'-2"	4 @ 31'-1"	3 @ 10'-7"	156'-1"
11	6	11	4 @ 22'-5"	2 @ 10'-7"	110'-10"	4 @ 29'-3"	3 @ 10'-7"	148'-9"	4 @ 43'-3"	5 @ 10'-7"	225'-11"
11	8	11	4 @ 28'-9"	3 @ 10'-7"	146'-9"	4 @ 37'-6"	4 @ 10'-7"	192'-4"	4 @ 55'-5"	6 @ 10'-7"	285'-2"
11	10	11	4 @ 35'-0"	4 @ 10'-7"	182'-4"	4 @ 45'-9"	5 @ 10'-7"	235'-11"	4 @ 67'-7"	8 @ 10'-7"	355'-0"
11	11	11	4 @ 38'-2"	4 @ 10'-7"	195'-0"	4 @ 49'-10"	6 @ 10'-7"	262'-10"	4 @ 73'-8"	9 @ 10'-7"	389'-11"
12	2	12	4 @ 10'-0"	N/A	40'-0"	4 @ 13'-1"	N/A	52'-4"	4 @ 19'-5"	N/A	77'-8"
12	3	12	4 @ 13'-2"	N/A	52'-8"	4 @ 17'-3"	N/A	69'-0"	4 @ 25'-6"	3 @ 11'-7"	136'-9"
12	4	12	4 @ 16'-4"	N/A	65'-4"	4 @ 21'-4"	2 @ 11'-7"	108'-6"	4 @ 31'-7"	4 @ 11'-7"	172'-8"
12	6	12	4 @ 22'-8"	2 @ 11'-7"	113'-10"	4 @ 29'-7"	3 @ 11'-7"	153'-1"	4 @ 43'-9"	5 @ 11'-7"	232'-11"
12	8	12	4 @ 29'-0"	3 @ 11'-7"	150'-9"	4 @ 37'-10"	4 @ 11'-7"	197'-8"	4 @ 55'-11"	7 @ 11'-7"	304'-9"
12	10	12	4 @ 35'-4"	4 @ 11'-7"	187'-8"	4 @ 46'-1"	5 @ 11'-7"	242'-3"	4 @ 68'-1"	8 @ 11'-7"	365'-0"
12	12	12	4 @ 41'-8"	5 @ 11'-7"	224'-7"	4 @ 54'-4"	6 @ 11'-7"	286'-10"	4 @ 80'-3"	10 @ 11'-7"	436'-10"

GENERAL NOTES

This table is only to be used for cross drainage structures.

MODEL: $MODELNAME$
FILE NAME: $FILE%

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:27	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

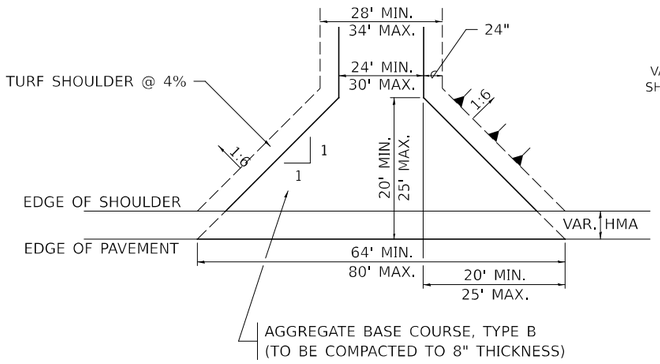
DISTRICT 2 STANDARD –
TRANSVERSABLE PIPE GRATE FOR BOX CULVERT END SECTION (13.1)

SCALE: | SHEET 7 OF 16 SHEETS | STA. | TO STA.

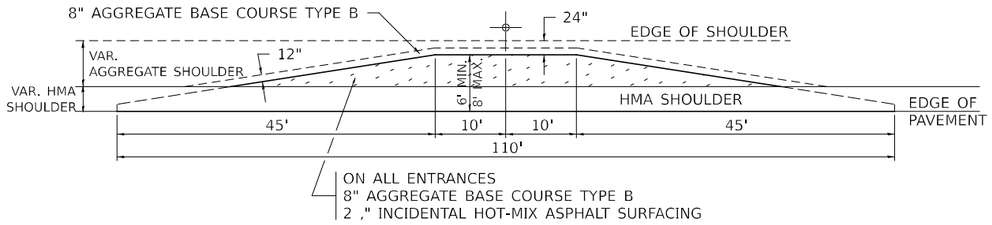
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	65
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS



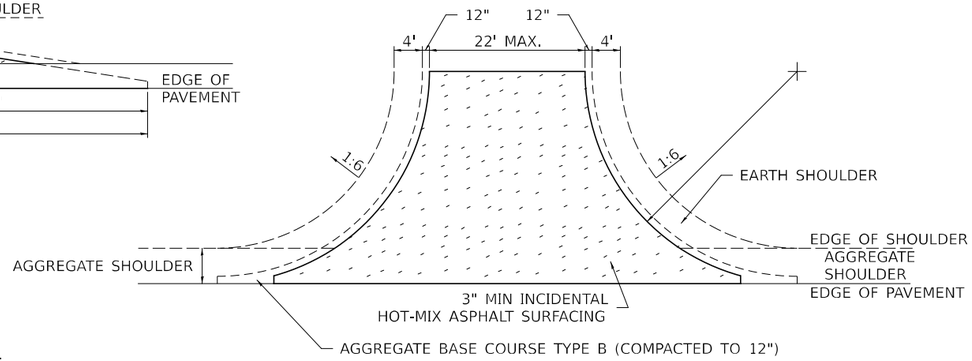
FIELD ENTRANCE



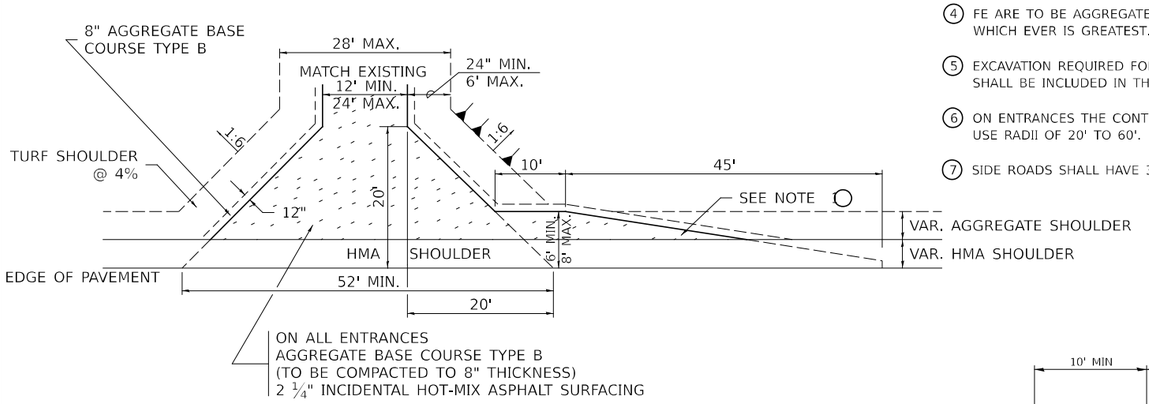
MAILBOX TURNOUT

NOTE

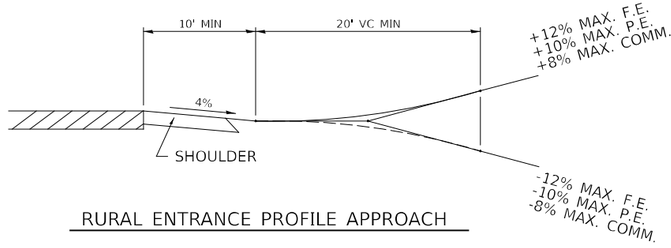
1. TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
2. ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
3. ALL PE & CE TO BE CONSTRUCTED WITH AN 8" AGGREGATE BASE COURSE, TYPE B AND WITH A 2 ¼" INCIDENTAL HOT-MIX ASPHALT SURFACING, UNLESS OTHERWISE NOTED.
4. FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
5. EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE.
6. ON ENTRANCES THE CONTRACTOR HAS THE OPTION OF USING RADIUS RETURNS. USE RADII OF 20' TO 60'.
7. SIDE ROADS SHALL HAVE 3" INCIDENTAL PLACED IN TWO 1½" LIFTS.



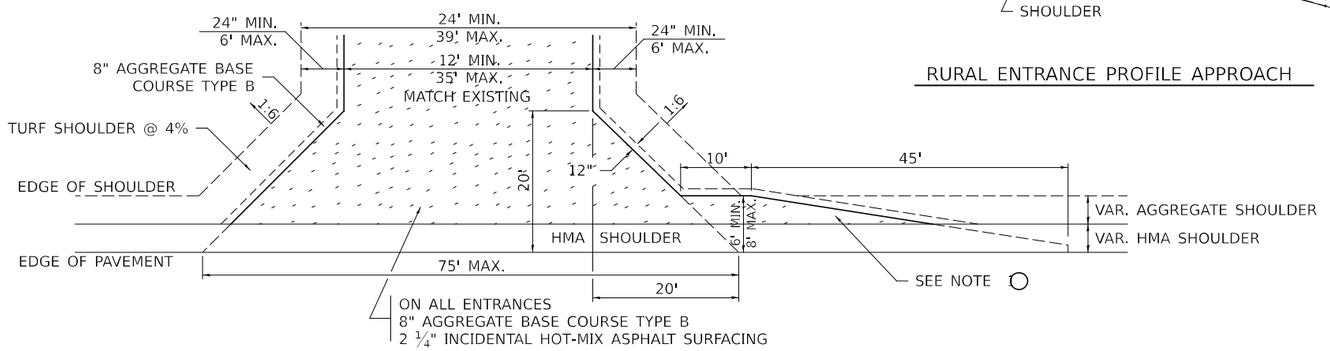
SIDE ROAD RETURN/EARTH SHOULDER



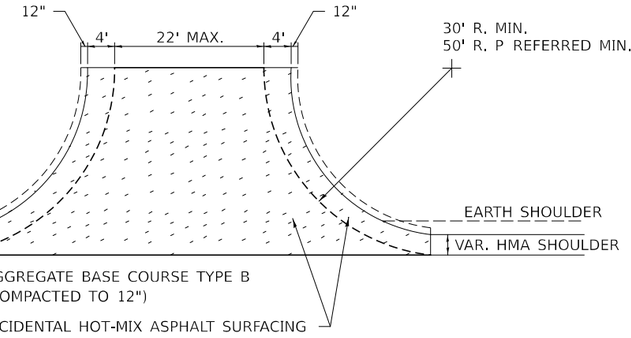
PRIVATE ENTRANCE



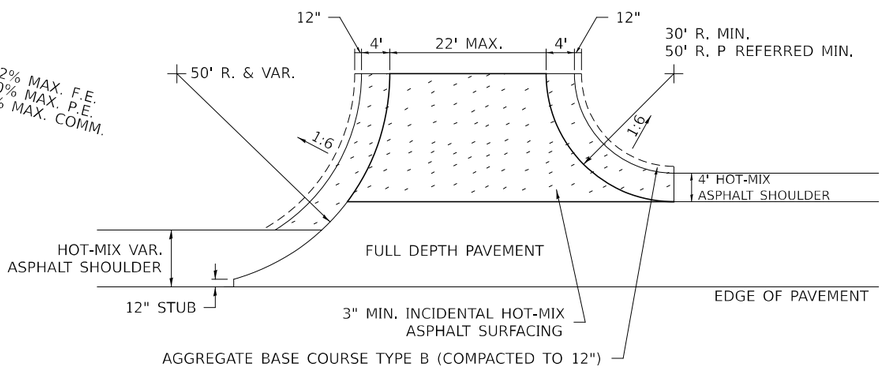
RURAL ENTRANCE PROFILE APPROACH



COMMERCIAL ENTRANCE



SIDE ROAD RETURN/HMA SHOULDER



SIDE ROAD RETURN WITH RIGHT TURN LANE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 STANDARD –
HOT–MIX ASPHALT APPROACHES AND MAILBOX RETURNS (20.1)

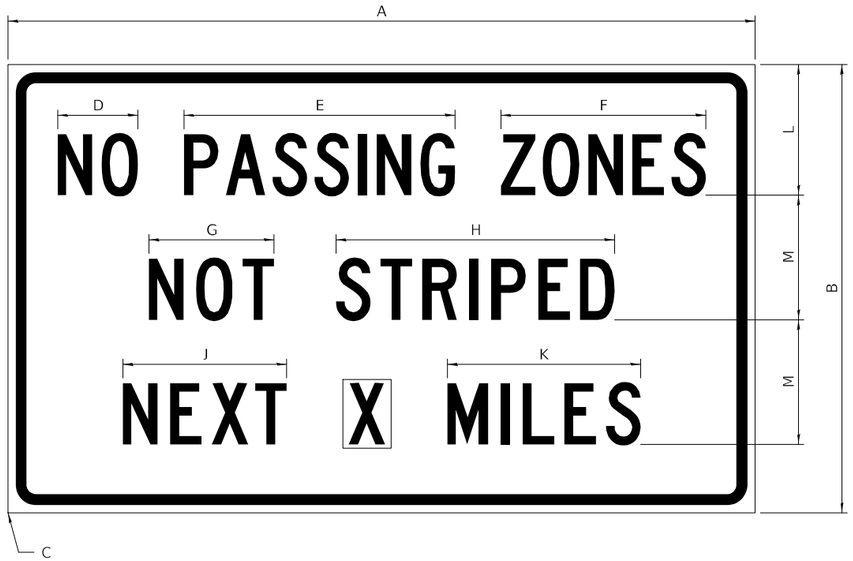
SCALE: | SHEET 8 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	66
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



COLOR
LEGEND AND BORDER BACKGROUND — BLACK
ORANGE — NON-REFLECTORIZED
REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60,00	36,00	2,25	6,4	21,80	16,40	10,00	22,40	13,20	15,50	10,50	10,00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

GENERAL NOTES

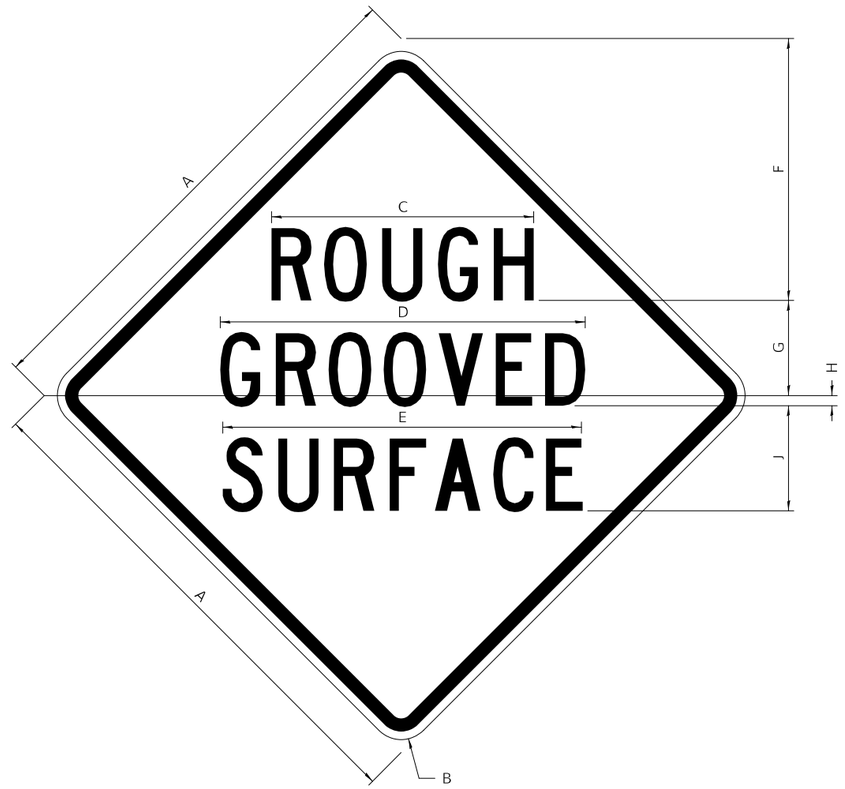
All work to furnish and install these signs shall be included in the cost of the speci ed tra c control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in e ect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Speci cations.

All dimensions are in inches unless otherwise noted.

ILLINOIS STANDARD W8-I107



COLOR
LEGEND AND BORDER BACKGROUND — BLACK
ORANGE — NON-REFLECTORIZED
REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 STANDARD –
WORK ZONE SIGN SHEET DETAILS (34.1)

SCALE: | SHEET 9 OF 16 SHEETS | STA. | TO STA.

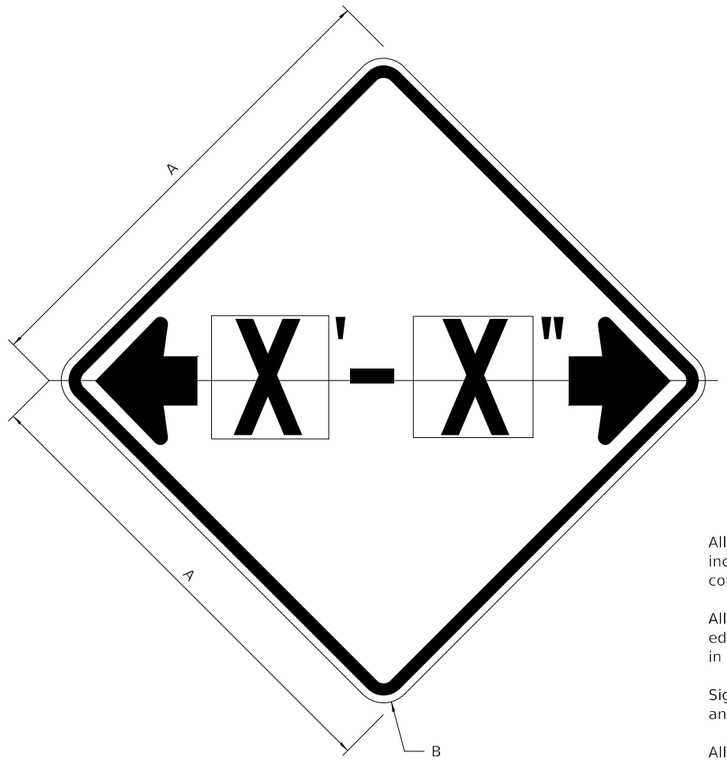
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	67
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102

(1)



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND FL ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the speci ed tra c control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in e ect on the date of invitation for bids.

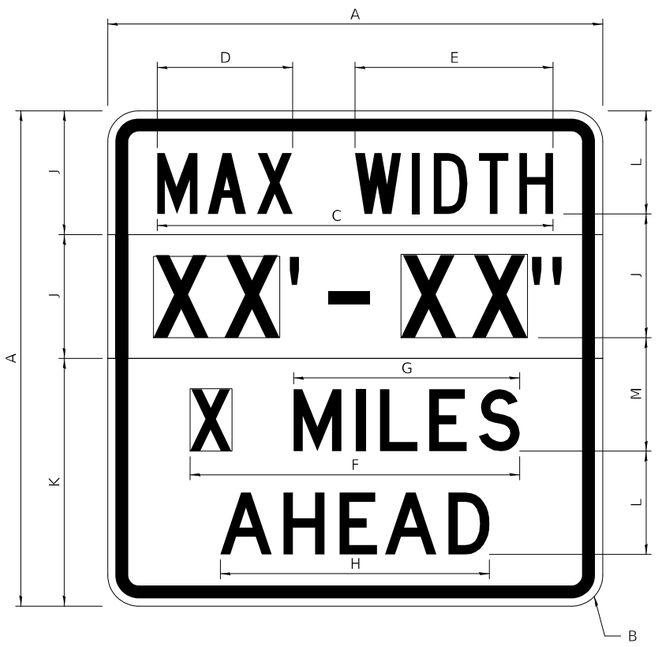
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Speci cations.

All dimensions are in inches unless otherwise noted.

(1) Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

ILLINOIS STANDARD W12-I103

(1)



COLOR LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND WHITE REFLECTORIZED
BACKGROUND (WIDTH) FL ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE
TOP AND BOTTOM OF BACKGROUND WHITE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED - JC
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 STANDARD –
WORK ZONE SIGN SHEET DETAILS (34.1)

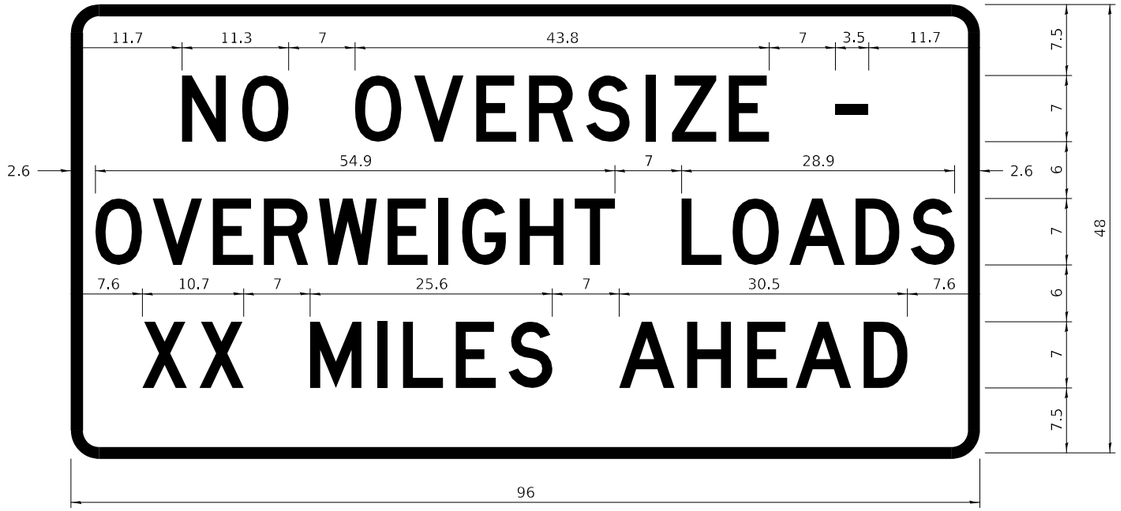
SCALE: | SHEET 10 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	68
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



COLOR	LEGEND AND BORDER	BLACK	NON-REFLECTORIZED
	BACKGROUND	ORANGE	REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;
[NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;
Table of letter and object lefts.

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR	LEGEND AND BORDER	BLACK	NON-REFLECTORIZED
	BACKGROUND	WHITE	REFLECTORIZED

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the speci ed tra c control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in e ect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Speci cations.

All dimensions are in inches unless otherwise noted.

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 STANDARD –
WORK ZONE SIGN SHEET DETAILS (34.1)

SCALE: | SHEET 11 OF 16 SHEETS | STA. | TO STA.

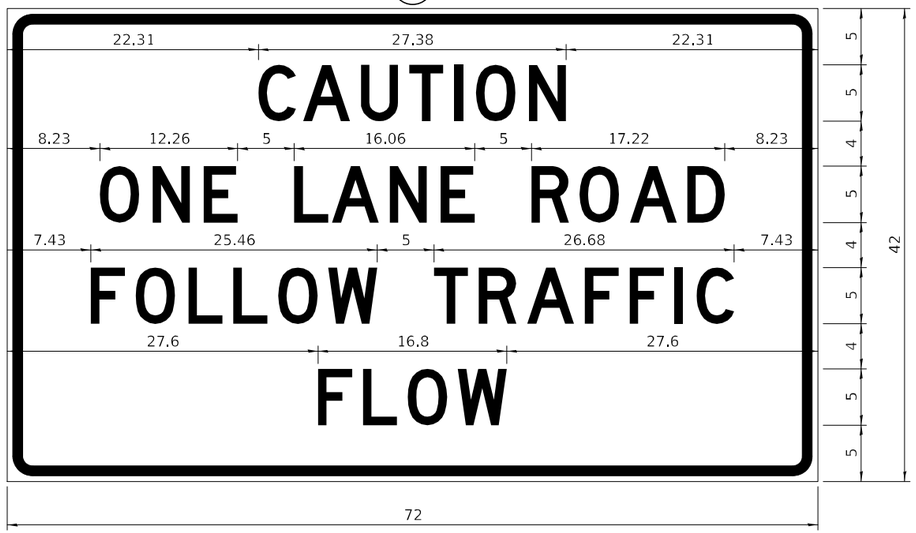
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 199	115BC	WHITESIDE & OGLE	160	69
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

WORK ZONE SIGN DETAILS

ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS

(2)



COLOR	LEGEND AND BORDER	BLACK
	BACKGROUND	ORANGE

NON-REFLECTORIZED
REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" IndenT;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

(2) This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C 3.36	0.62	A 4.18	0.94	U 3.36	0.94	T 3.04	0.94	I 0.78	1.17	O 3.52	1.17	N 3.36	22.31

8.23	O 3.51	1.17	N 3.36	1.18	E 3.04	

5.00	L 3.05	0.31	A 4.18	0.94	N 3.36	1.17	E 3.05

5.00	R 3.36	0.93	O 3.52	0.94	A 4.18	0.93	D 3.36	8.23

7.43	F 3.04	0.94	O 3.52	1.17	L 3.04	0.94	L 3.05	0.94	O 3.51	0.94	W 4.37

5.00	T 3.05	0.94	R 3.36	0.94	A 4.18	0.93	F 3.05	0.94	F 3.04	0.94	I 0.78	1.18	C 3.35	7.43

27.60	F 3.05	0.94	L 3.04	0.94	O 3.52	0.93	W 4.38	27.60

Sign not to scale

GENERAL NOTES

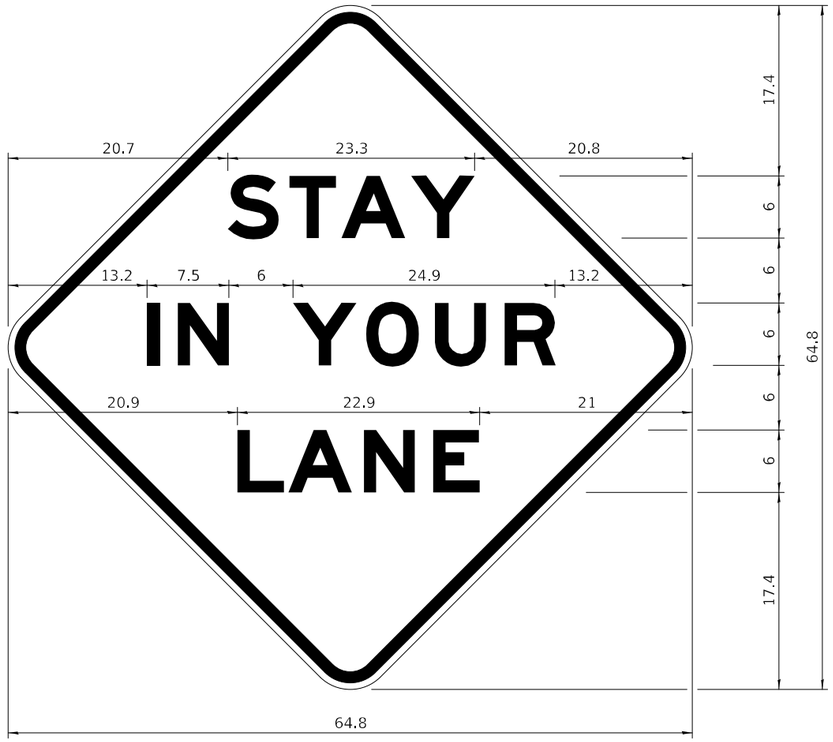
All work to furnish and install these signs shall be included in the cost of the speci ed tra c control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in e ect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Speci cations.

All dimensions are in inches unless otherwise noted.

STAY IN YOUR LANE



COLOR	LEGEND AND BORDER	BLACK
	BACKGROUND	ORANGE

NON-REFLECTORIZED
REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S 20.7	T 26.8	A 31.6	Y 38.0

I 13.2	N 15.9	Y 26.7	O 33.9	U 40.5	R 46.8

L 20.9	A 25.8	N 33.1	E 39.4

Sign not to scale

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

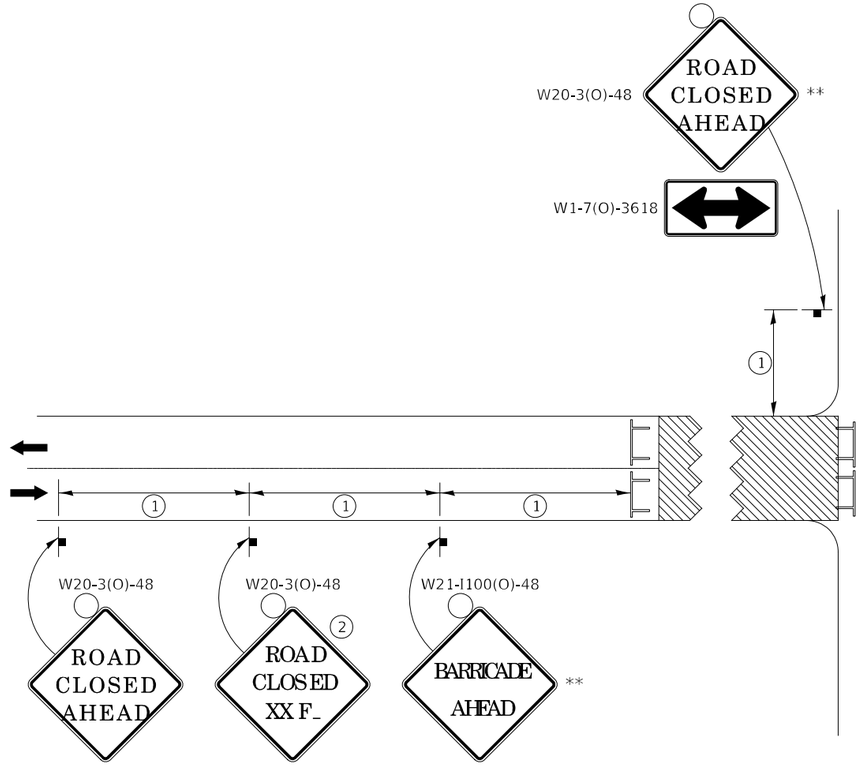
DISTRICT 2 STANDARD –
WORK ZONE SIGN SHEET DETAILS (34.1)

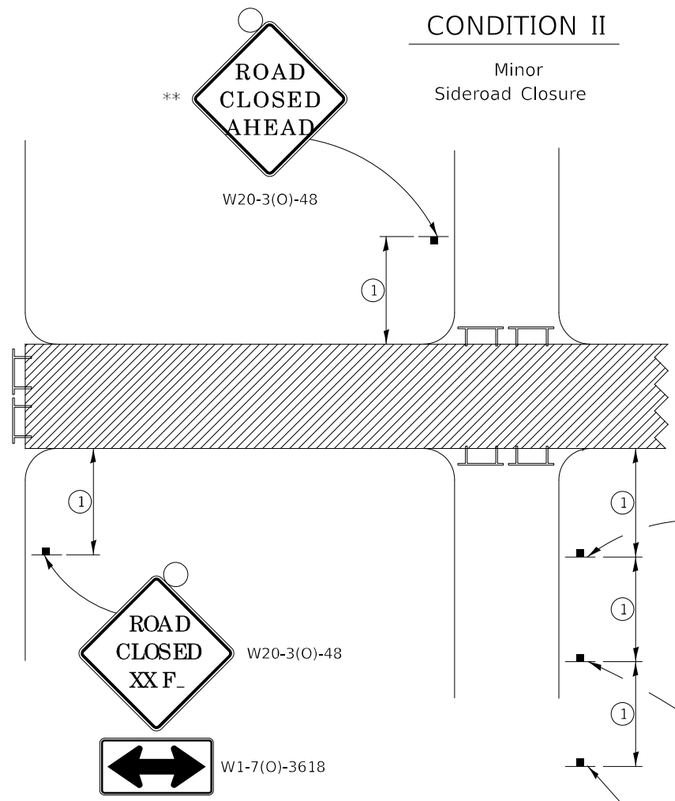
SCALE: | SHEET 12 OF 16 SHEETS | STA. | TO STA.

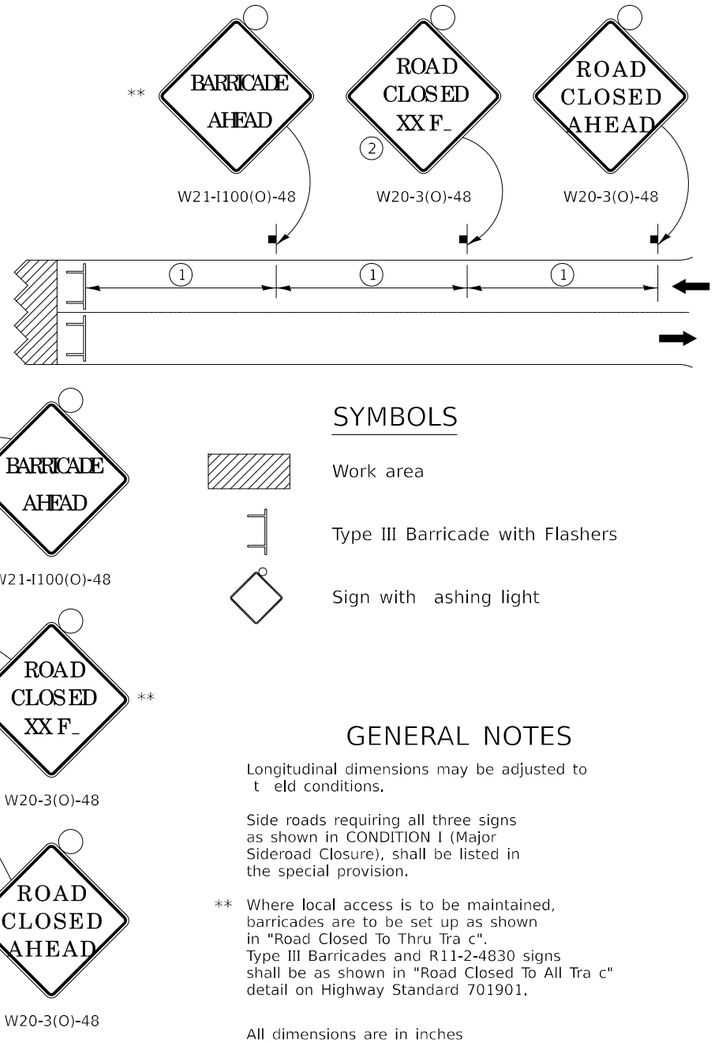
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	70
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE

TRAFFIC CONTROL FOR ROAD CLOSURE







SYMBOLS

Work area

Type III Barricade with Flashers

Sign with ashing light

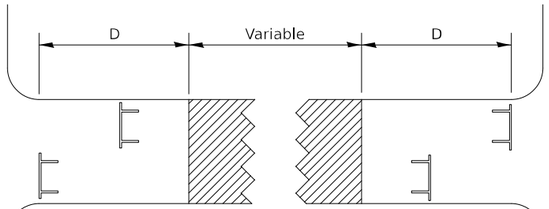
CONDITION I

Major
Sideroad Closure

① SIGN SPACING TABLE	
Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

② SIGN LEGEND	
Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Tra c" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

GENERAL NOTES

Longitudinal dimensions may be adjusted to t eld conditions.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in "Road Closed To Thru Tra c". Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Tra c" detail on Highway Standard 701901.

All dimensions are in inches unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

MODEL: $MODEL NAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 STANDARD –
TRAFFIC CONTROL FOR ROAD CLOSURE (40.1)

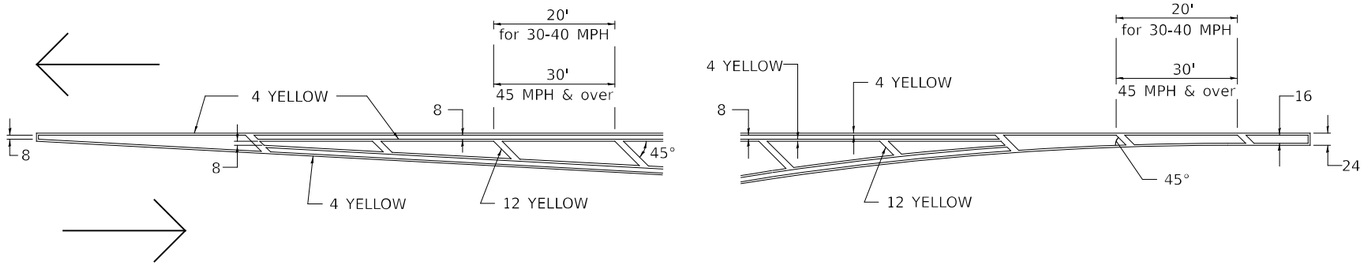
SCALE: | SHEET 13 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	71
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

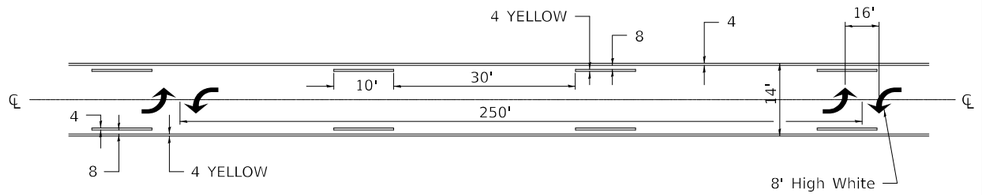
* WHITESIDE & OGLE

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

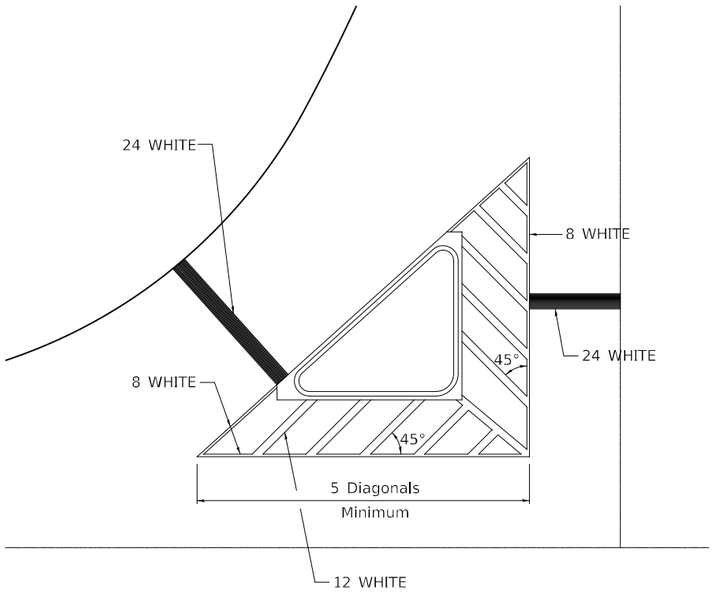


MEDIAN PAVEMENT MARKING



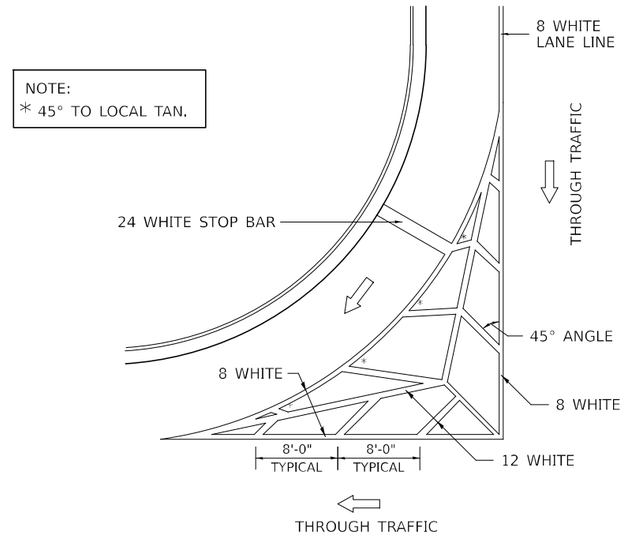
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



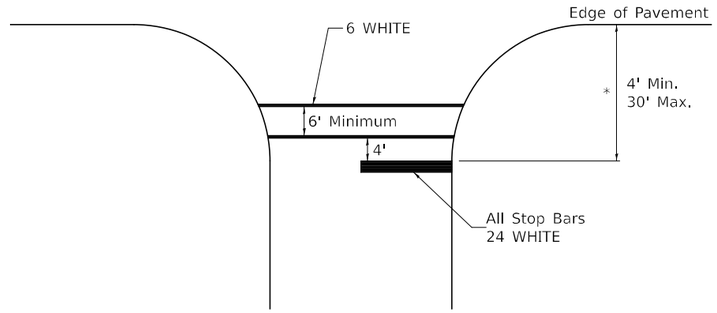
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 STANDARD –
TYPICAL PAVEMENT MARKINGS (41.1)

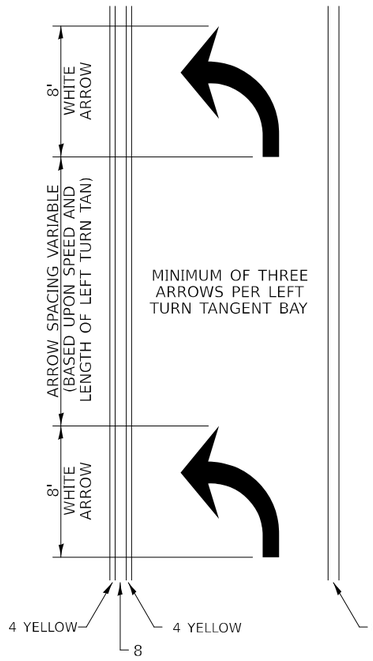
SCALE: | SHEET 14 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	72
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

TYPICAL PAVEMENT MARKINGS

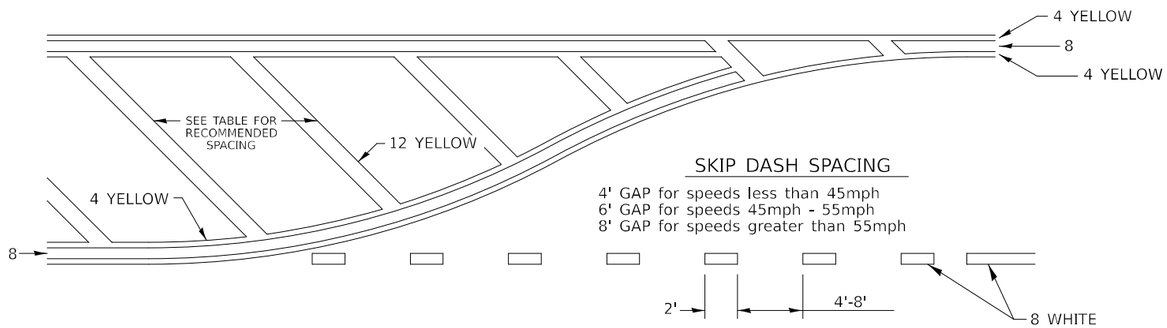
ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least ve diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 STANDARD –
TYPICAL PAVEMENT MARKINGS (41.1)

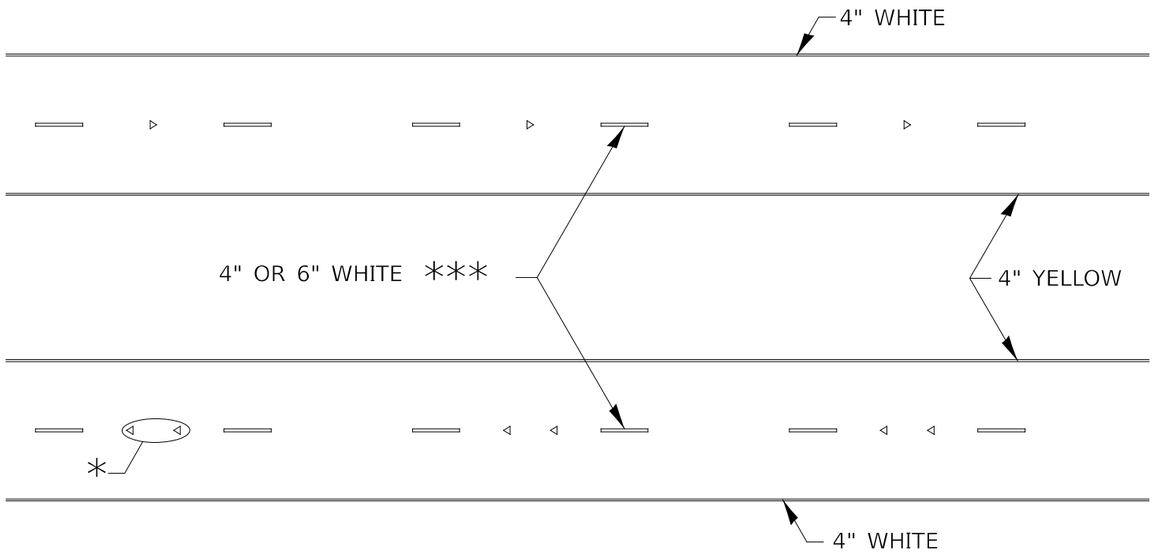
SCALE: | SHEET 15 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	73
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

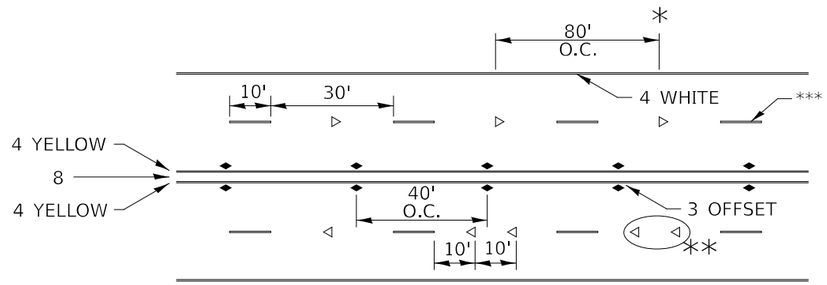
MODEL: $MODELNAME$
FILE NAME: $FILE$

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT ≥ 20,000.

MULTI-LANE / DIVIDED



SYMBOLS

* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

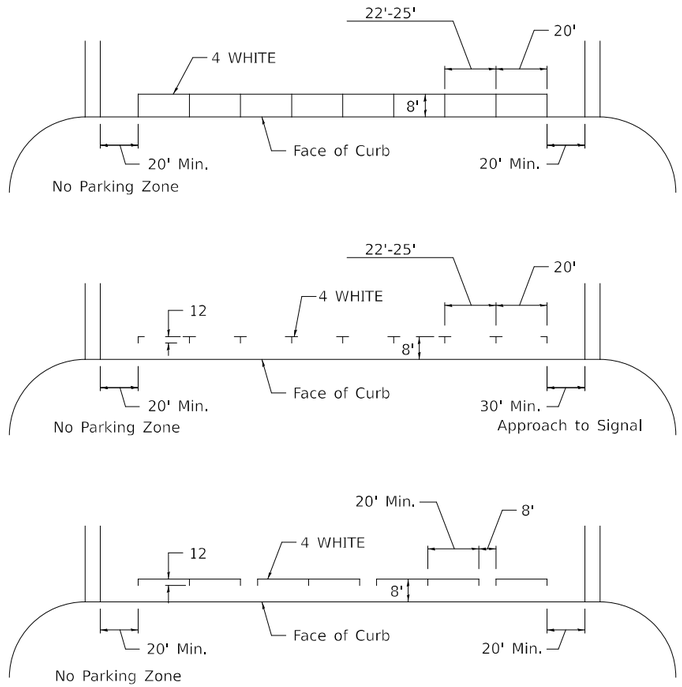
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

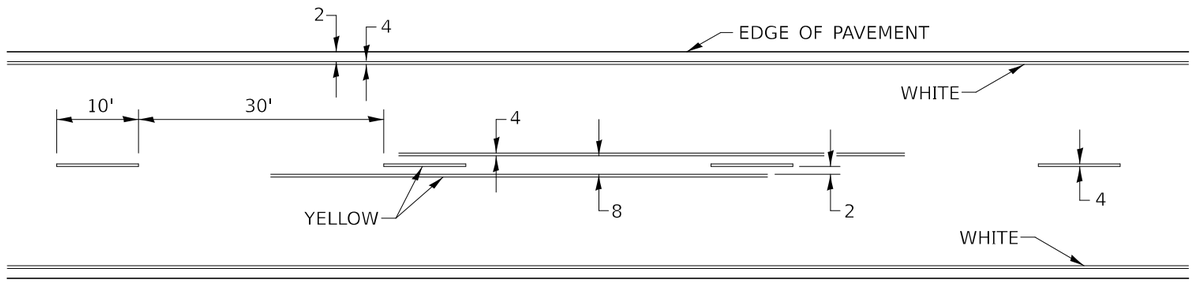
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



MODEL: $MODELNAME$
FILE NAME: $FILEL$

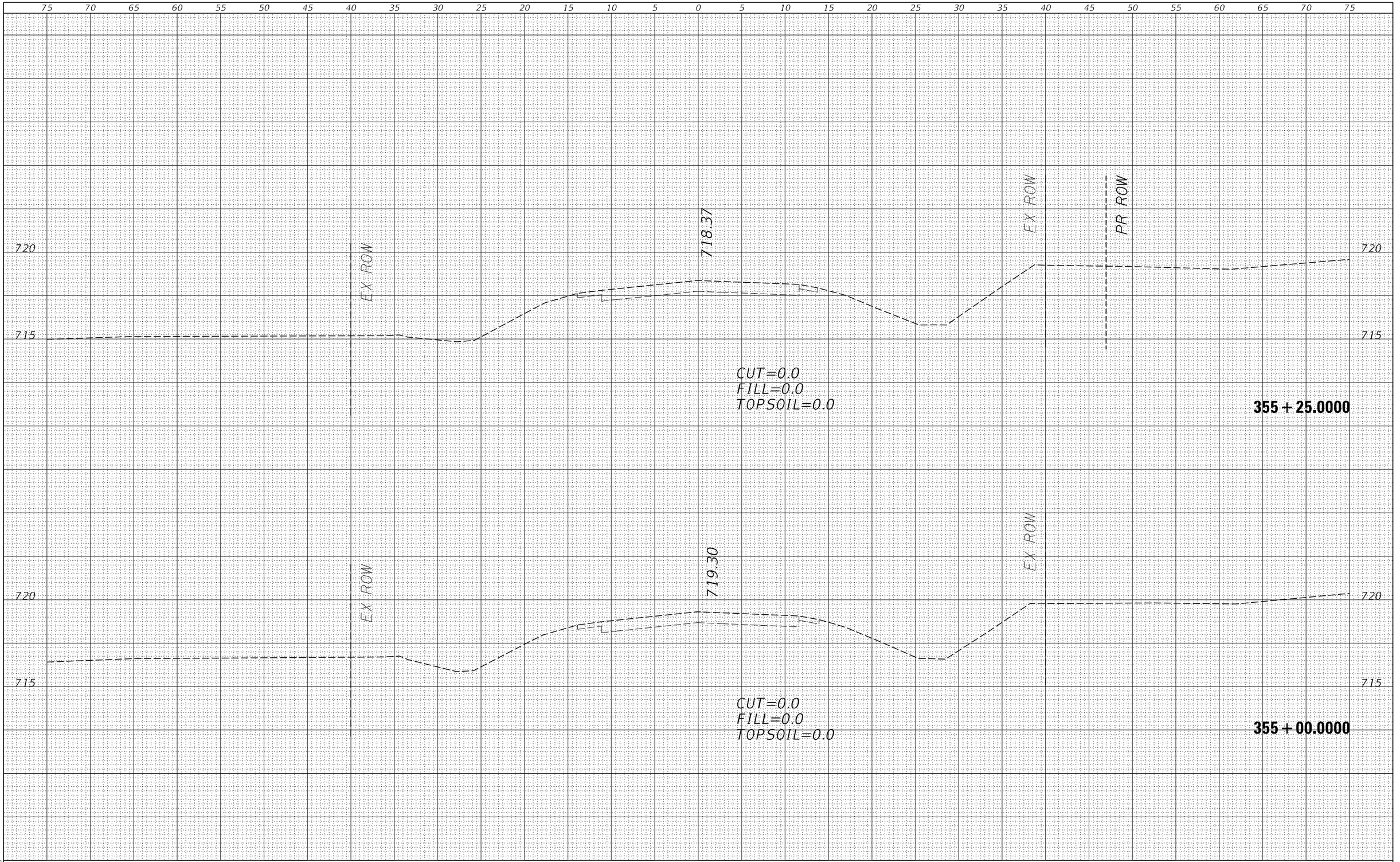
USER NAME = $USER$	DESIGNED - JC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:2	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 36/14/2023	REVISED -	

DISTRICT 2 STANDARD –
TYPICAL PAVEMENT MARKINGS (41.1)

SCALE: | SHEET 16 OF 16 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	74
		CONTRACT NO. 64F57		
	ILLINOIS	FED. AID PROJECT		

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

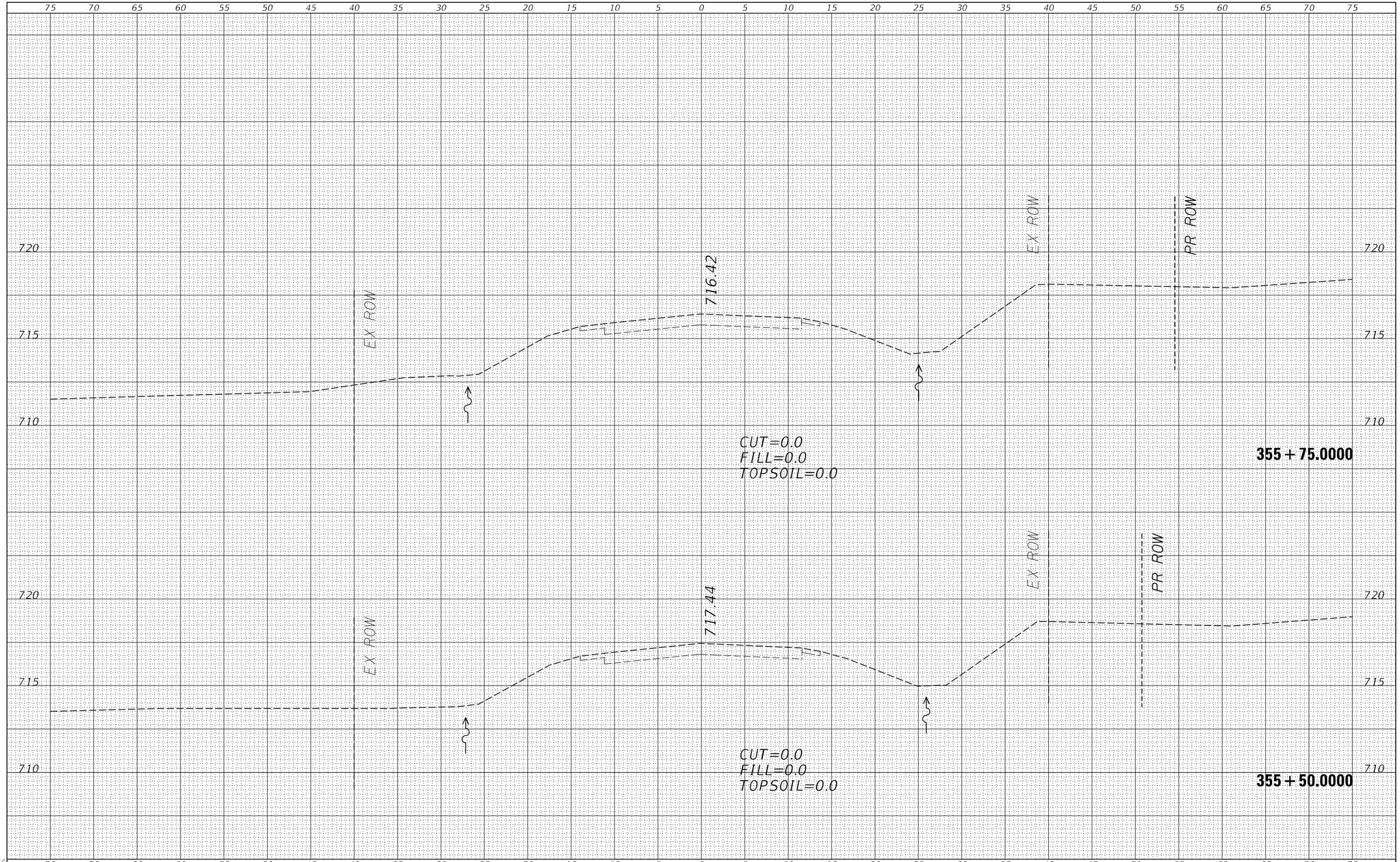
FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 1 OF 86 SHEETS | STA. 355+00.0000 TO STA. 355+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	75
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

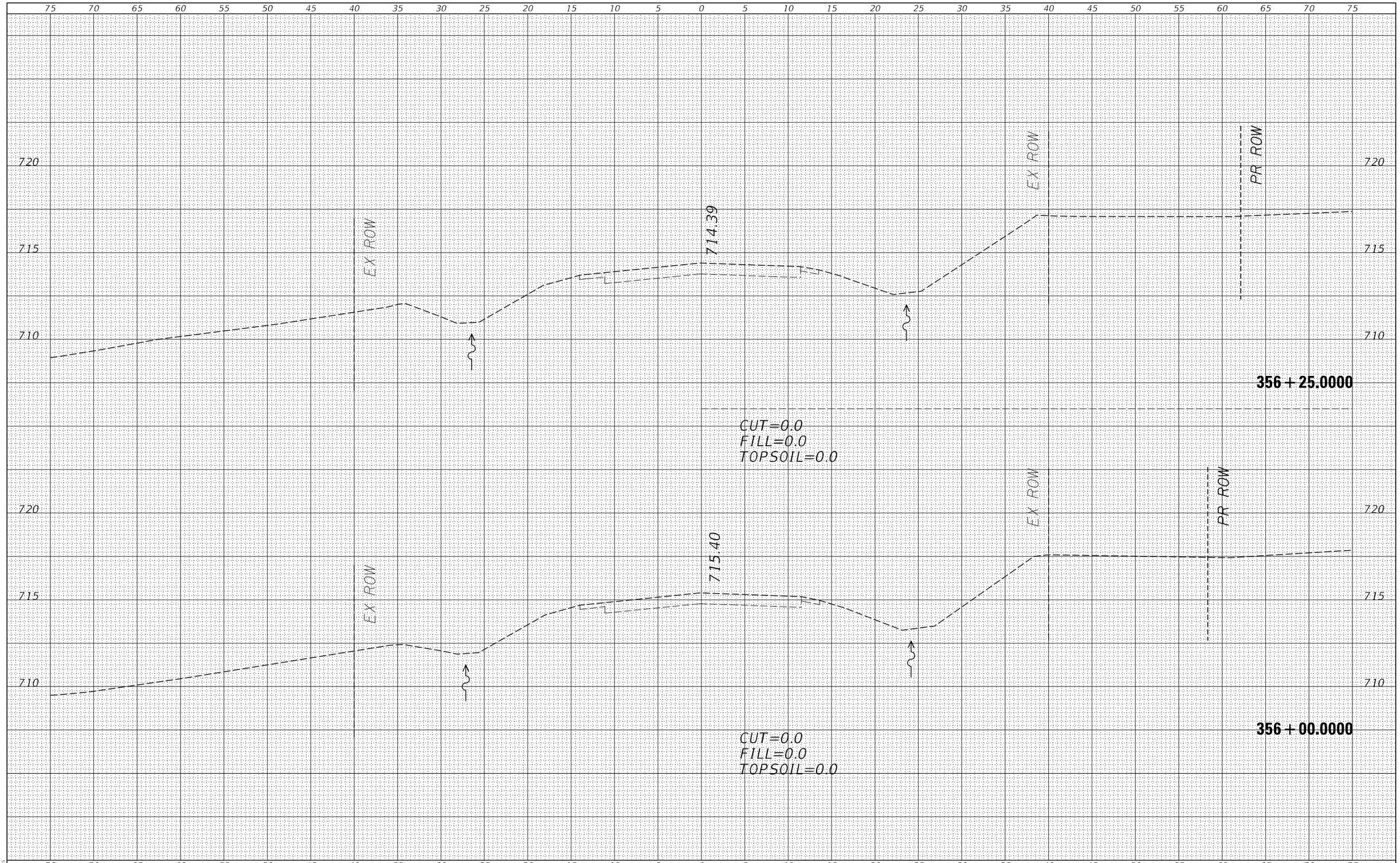
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 2 OF 86 SHEETS | STA. 355+50.0000 TO STA. 355+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	76
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - HD	REVISED - HD
	DRAWN - HD	REVISED - JC
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

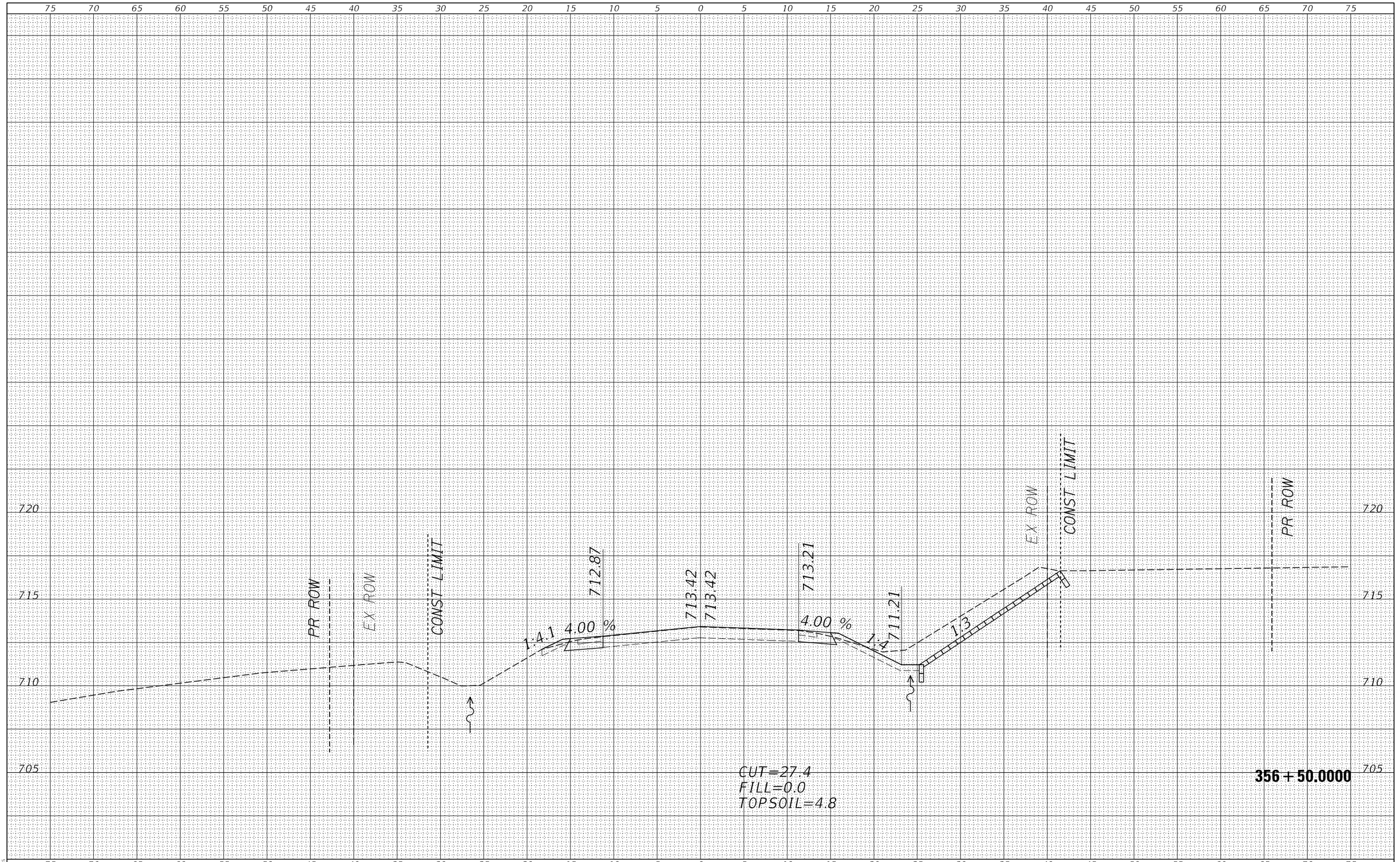
SCALE: 1"=5'H/2.5'V' | SHEET 3 OF 86 SHEETS | STA. 356+00.0000 TO STA. 356+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	77
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

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



MODEL: $MODELNAME$
FILE NAME: $FILEIN

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

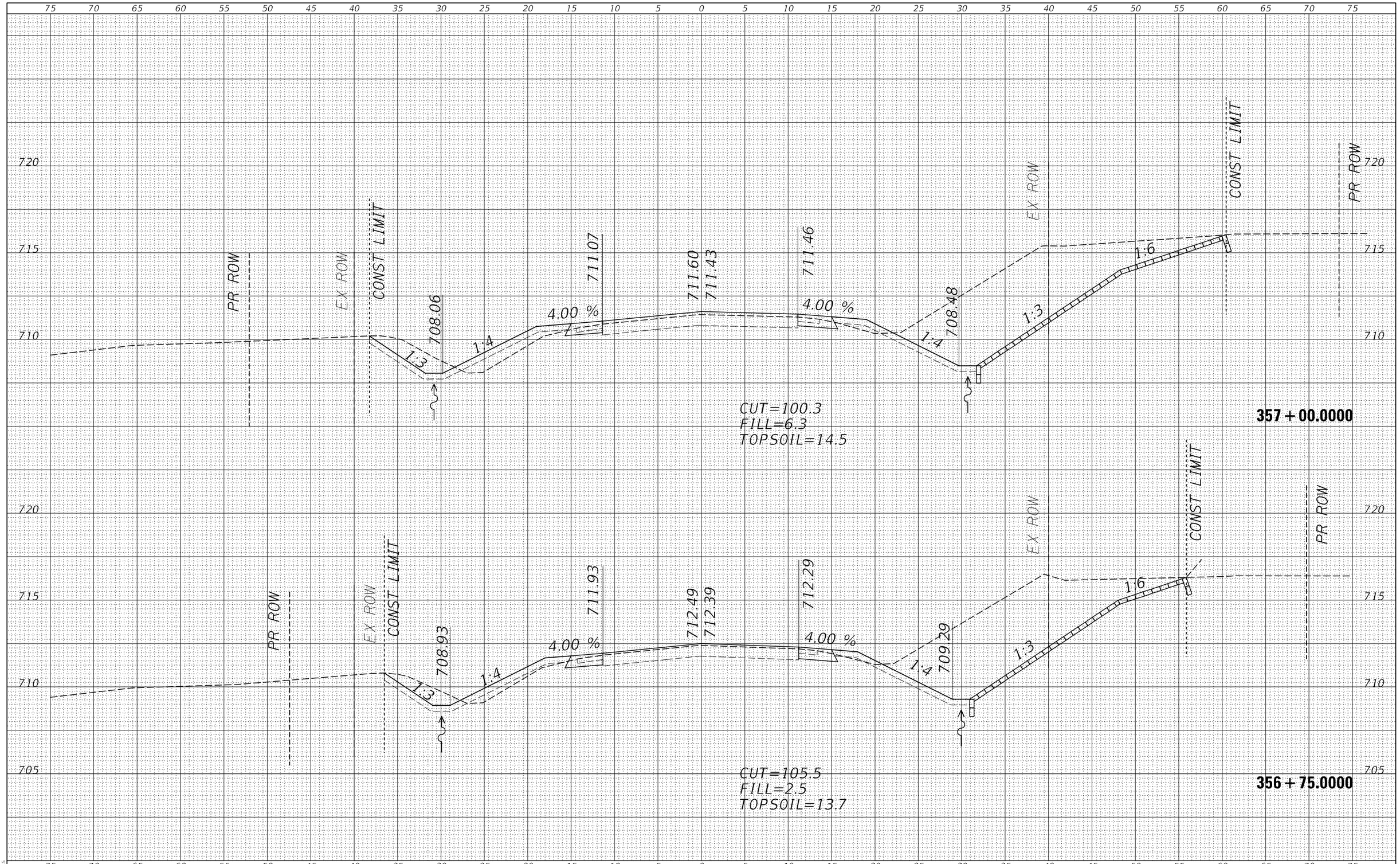
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098-2026

SCALE: 1"=5'H/2.5'V' | SHEET 4 OF 86 SHEETS | STA. 356+50.0000 TO STA. 356+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	78
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

† WHITESIDE & OGLE



USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 5 OF 86 SHEETS | STA. 356+75.0000 TO STA. 357+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	79
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

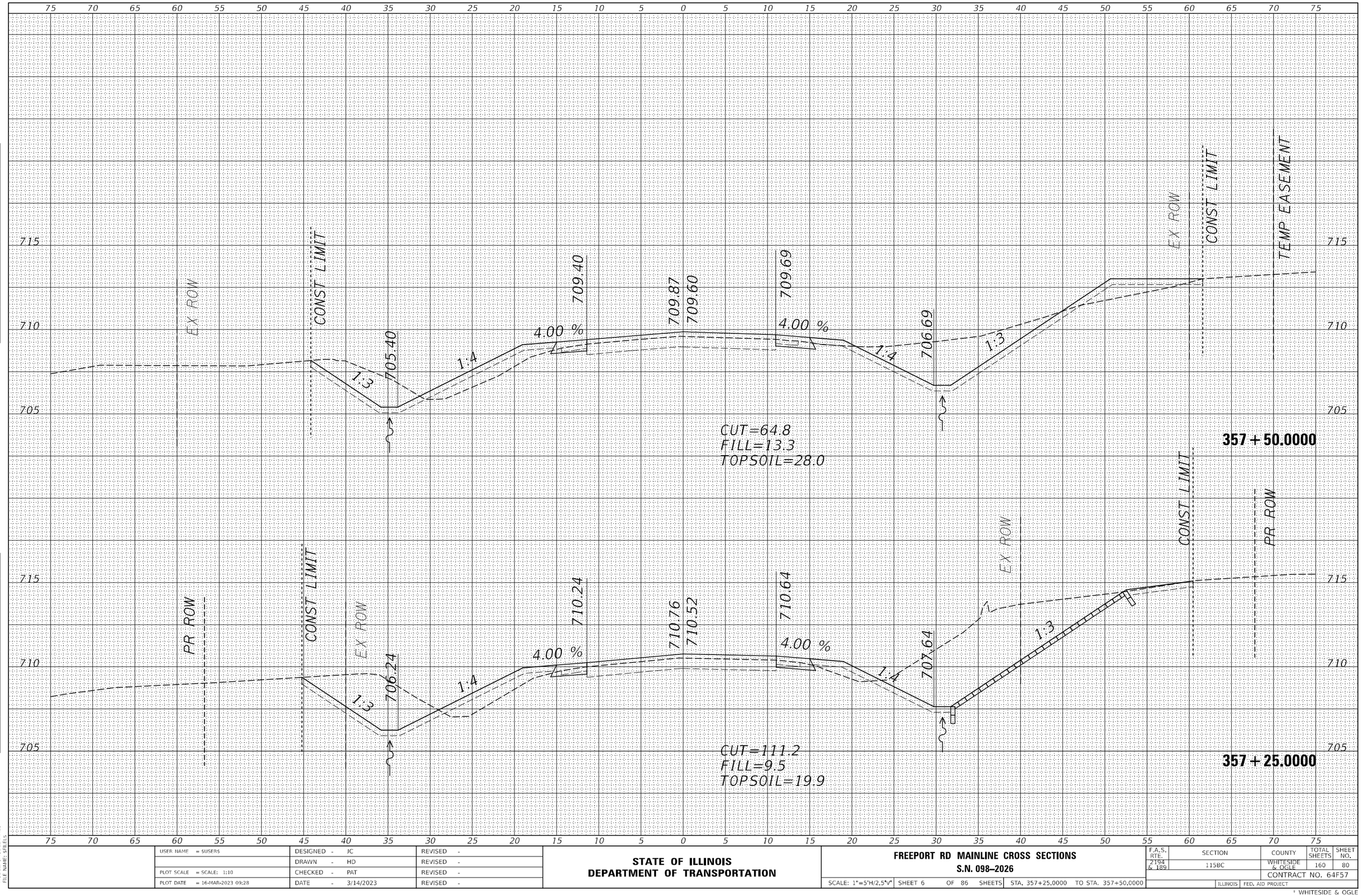
† WHITESIDE & OGLE

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

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

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



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

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

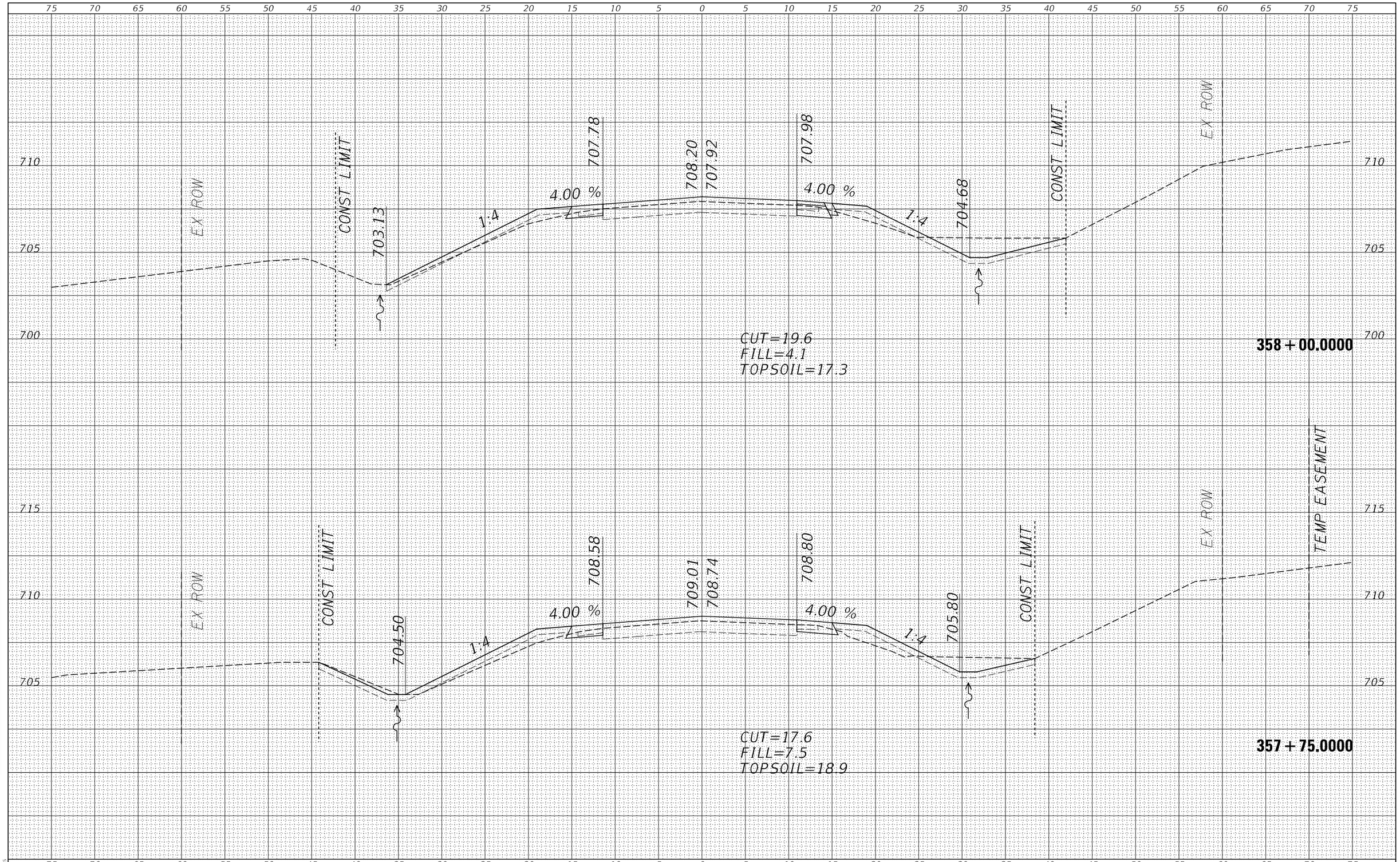
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 6 OF 86 SHEETS | STA. 357+25.0000 TO STA. 357+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	80
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

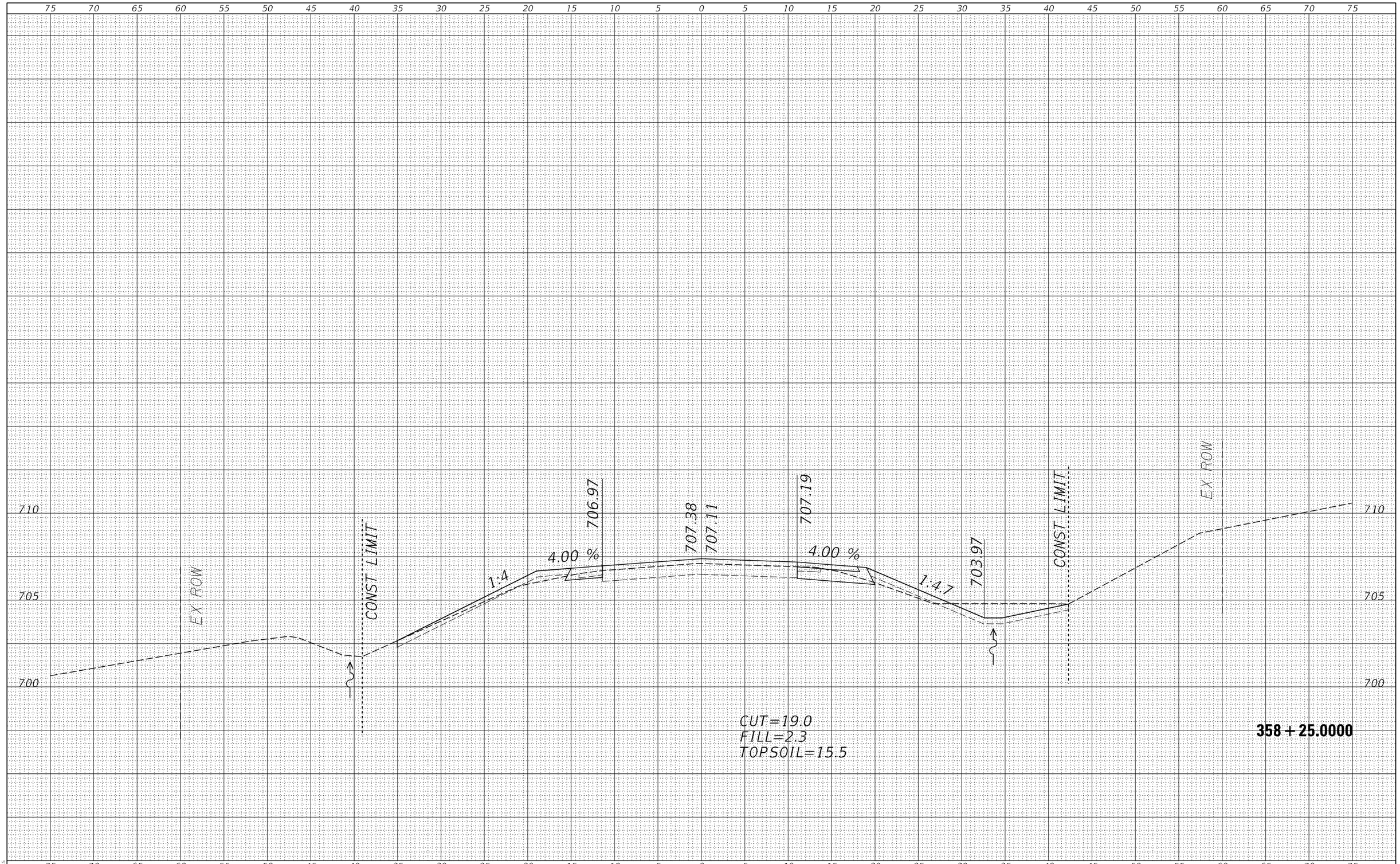
SCALE: 1"=5'H/2.5'V | SHEET 7 OF 86 SHEETS | STA. 357+75.0000 TO STA. 358+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	81
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

[1] WHITESIDE & OGLE

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

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



MODEL: $MODELNAME$
FILE NAME: $FILEIN

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

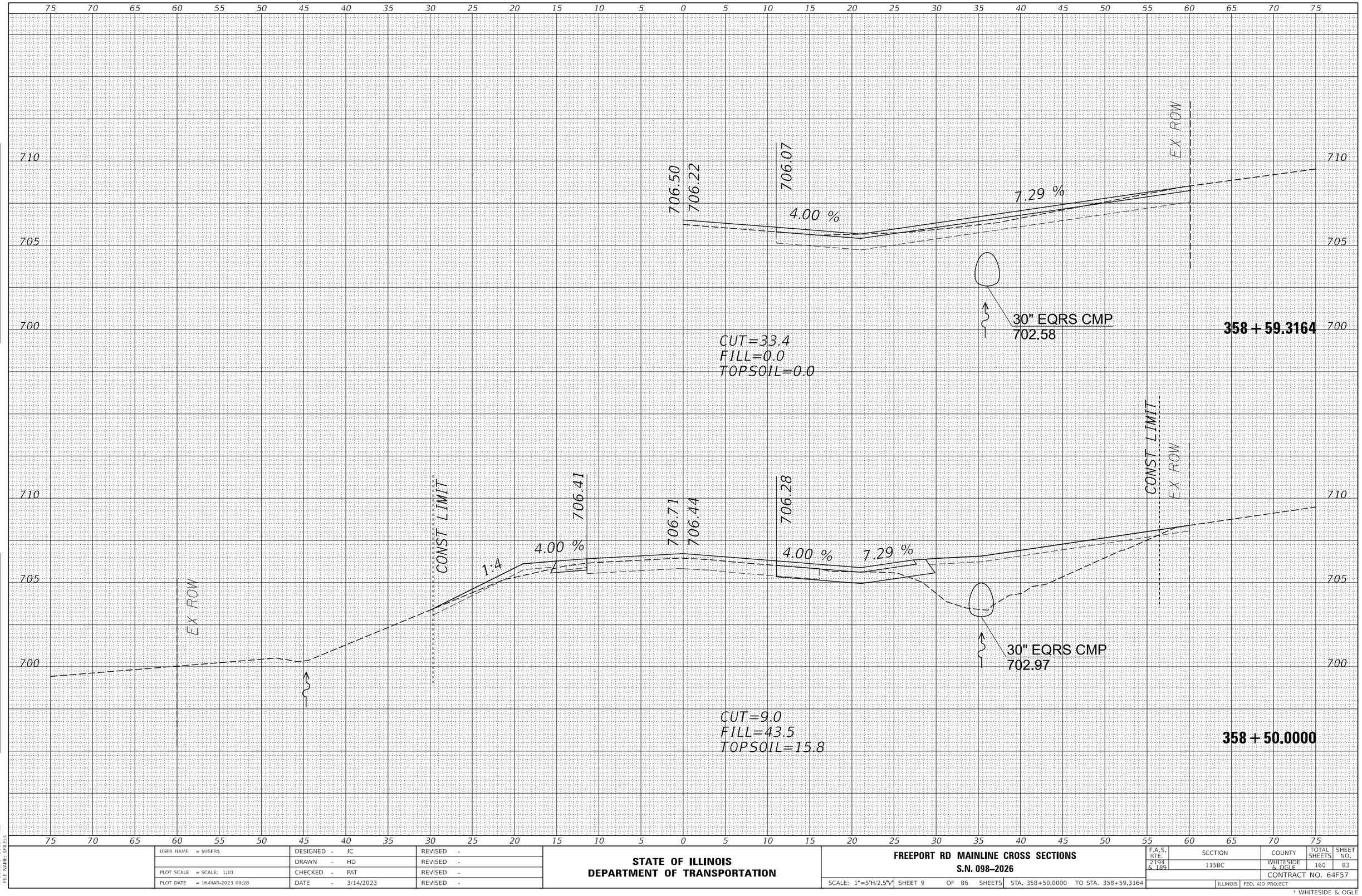
FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098-2026

SCALE: 1"=5'H/2.5'V' | SHEET 8 OF 86 SHEETS | STA. 358+25.0000 TO STA. 358+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	82
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

† WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

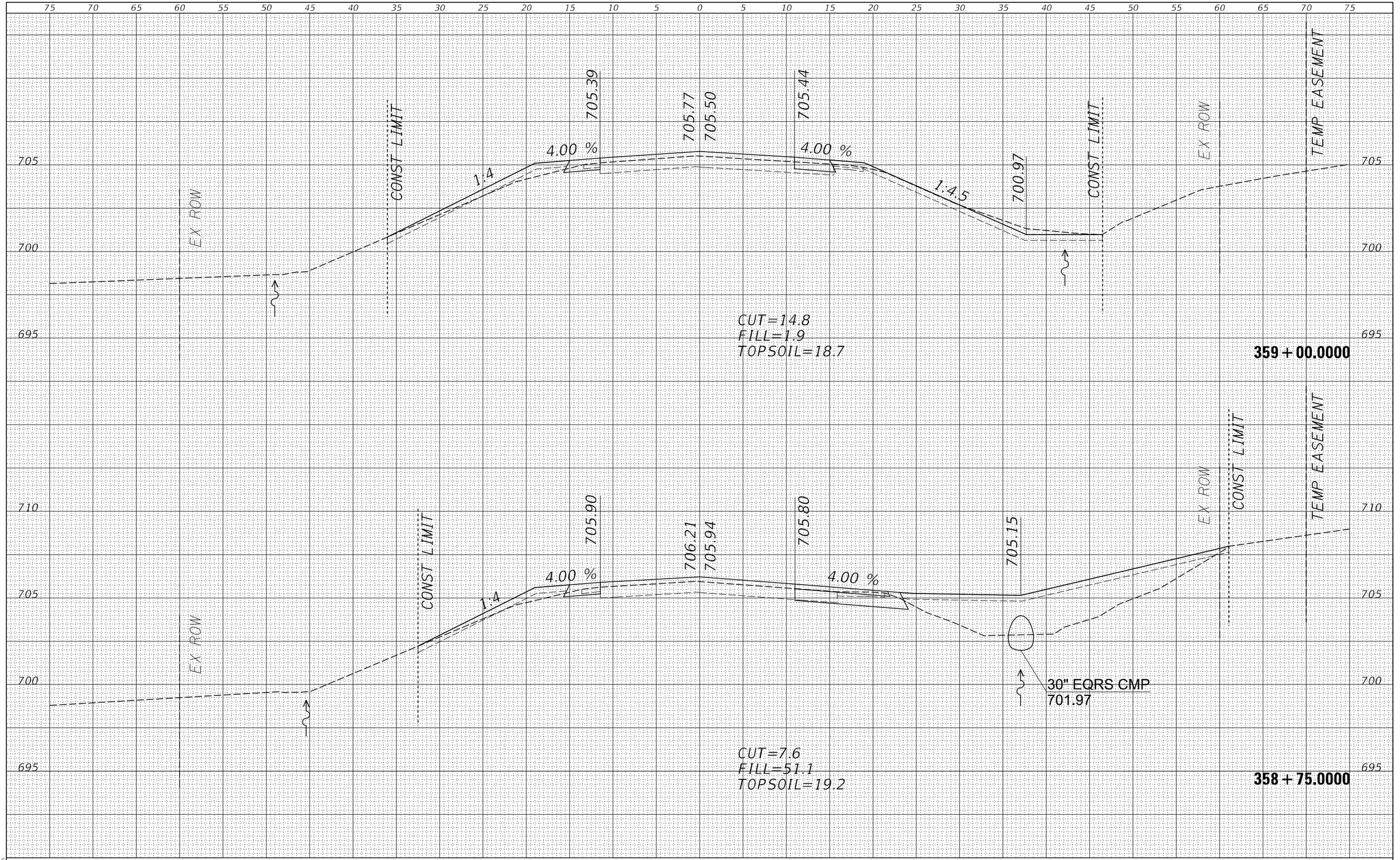
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V | SHEET 9 OF 86 SHEETS | STA. 358+50.0000 TO STA. 358+59.3164

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	83
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

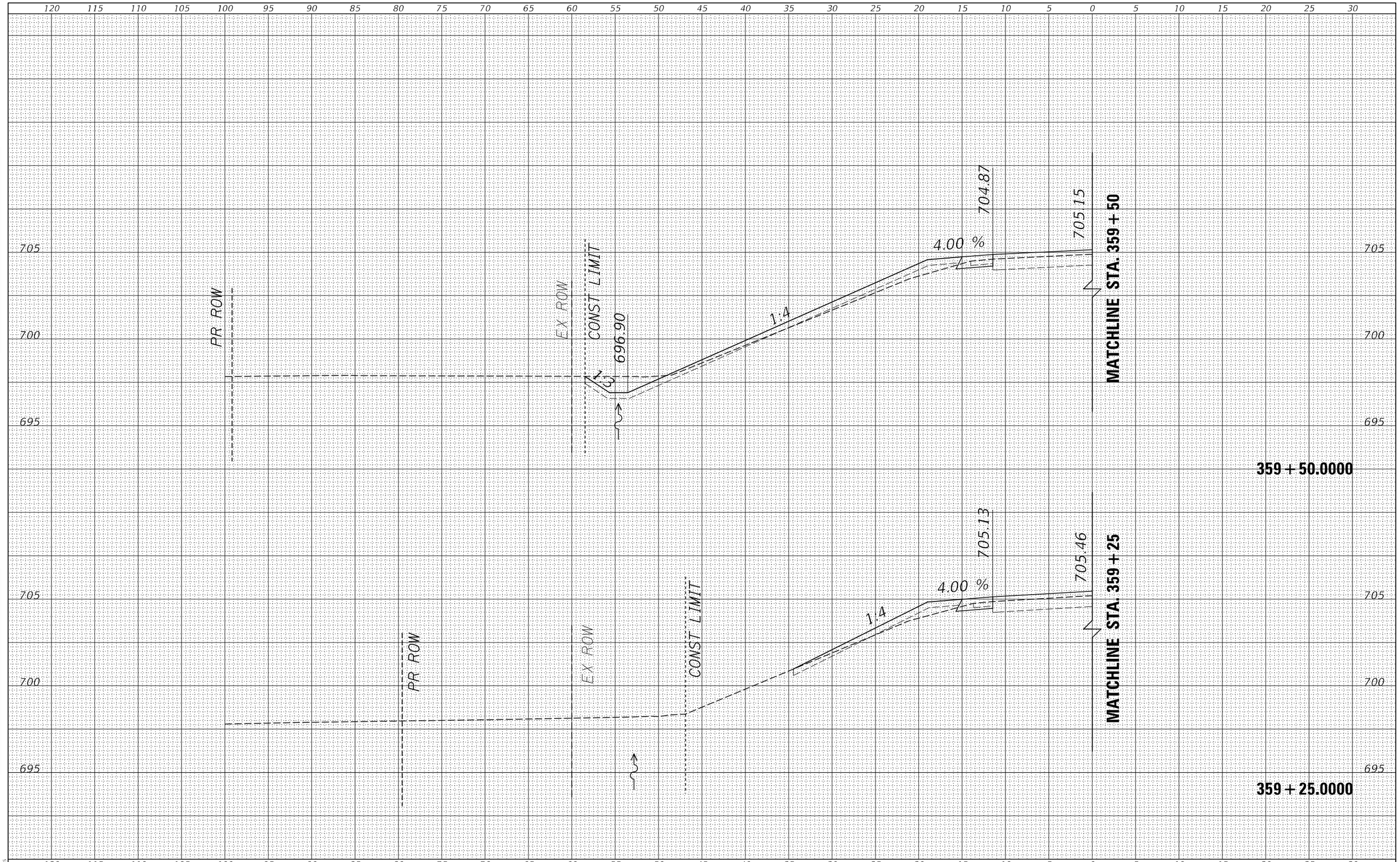
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 10 OF 86 SHEETS | STA. 358+75.0000 TO STA. 359+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	84
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

† WHITESIDE & OGLE



FINAL SURVEY

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

ORIGINAL SURVEY

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

MODEL: $MODELNAME$
FILE NAME: $FILES

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

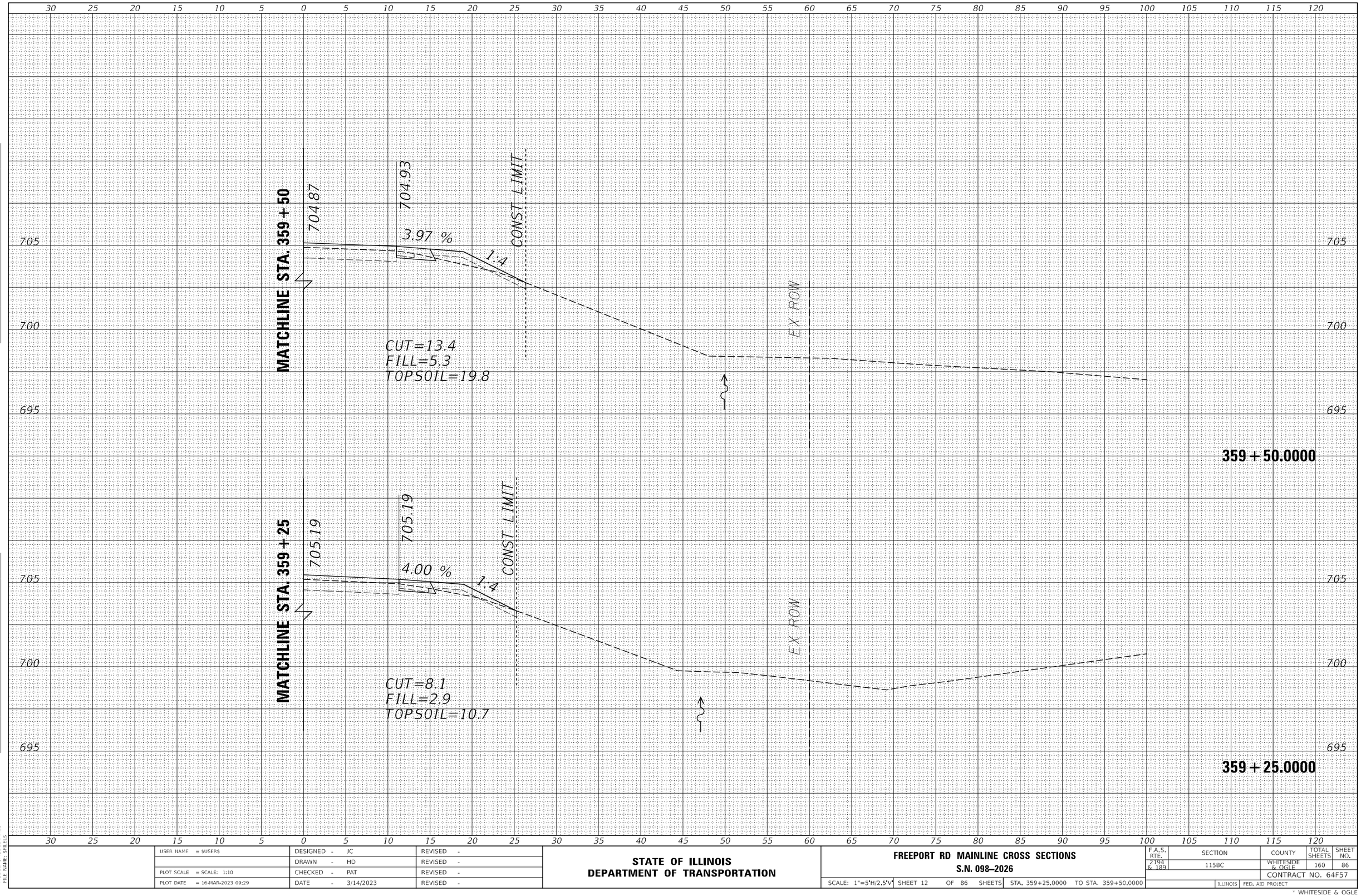
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V* | SHEET 11 OF 86 SHEETS | STA. 359+25.0000 TO STA. 359+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	85
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 12 OF 86 SHEETS | STA. 359+25.0000 TO STA. 359+50.0000

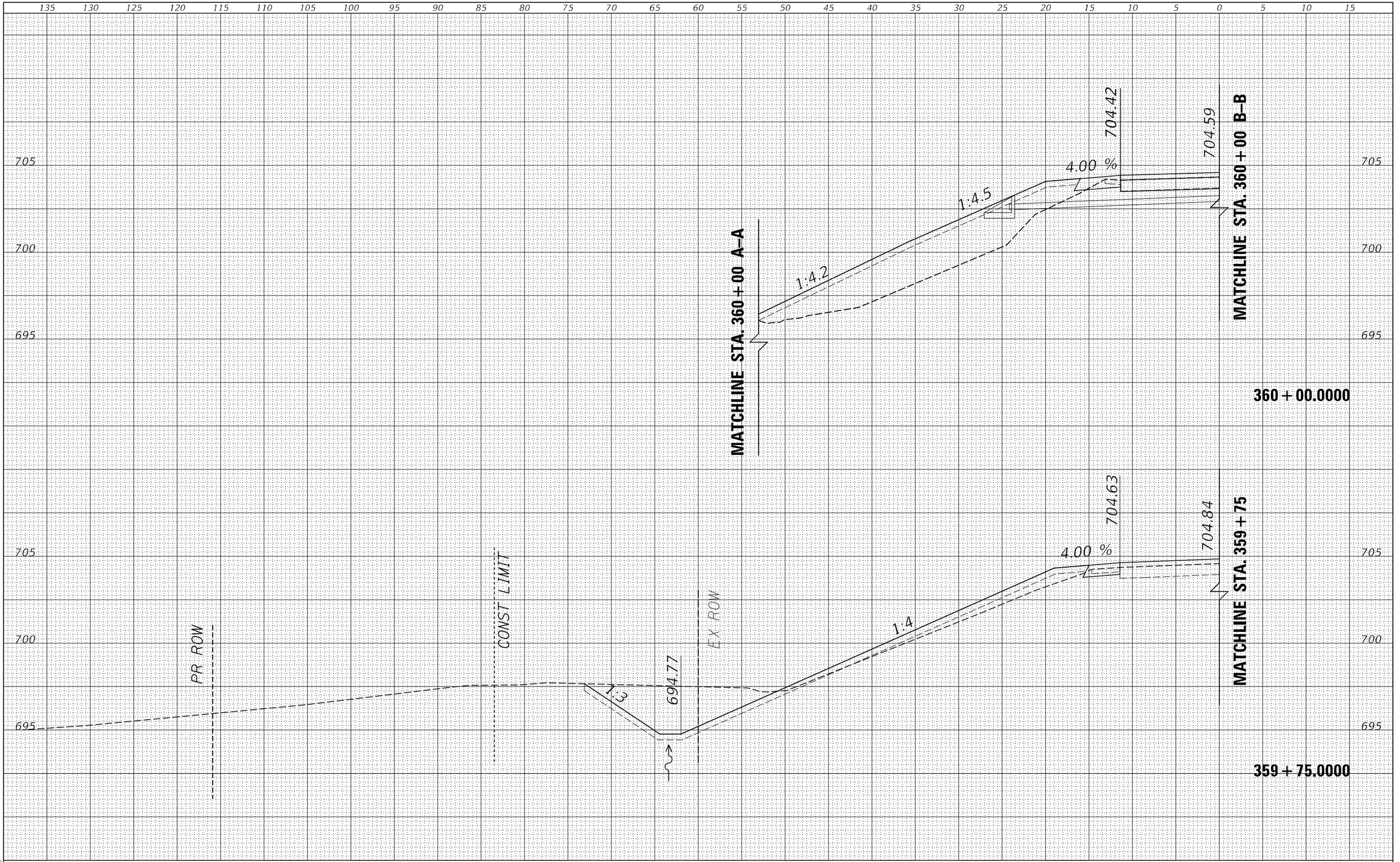
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	86

CONTRACT NO. 64F57

ILLINOIS | FED. AID PROJECT

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

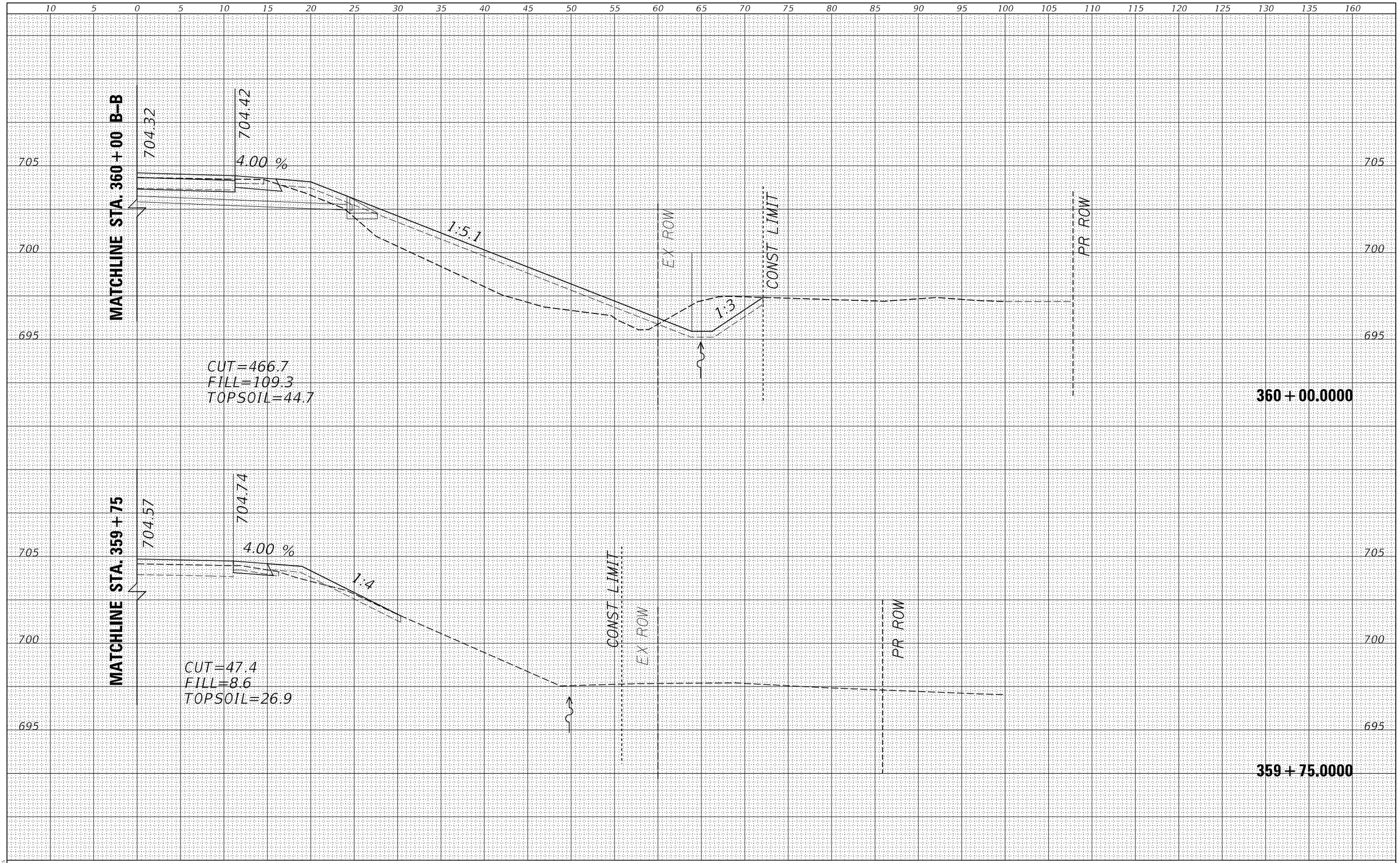
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 13 OF 86 SHEETS | STA. 359+75.0000 TO STA. 360+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	87
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

' WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

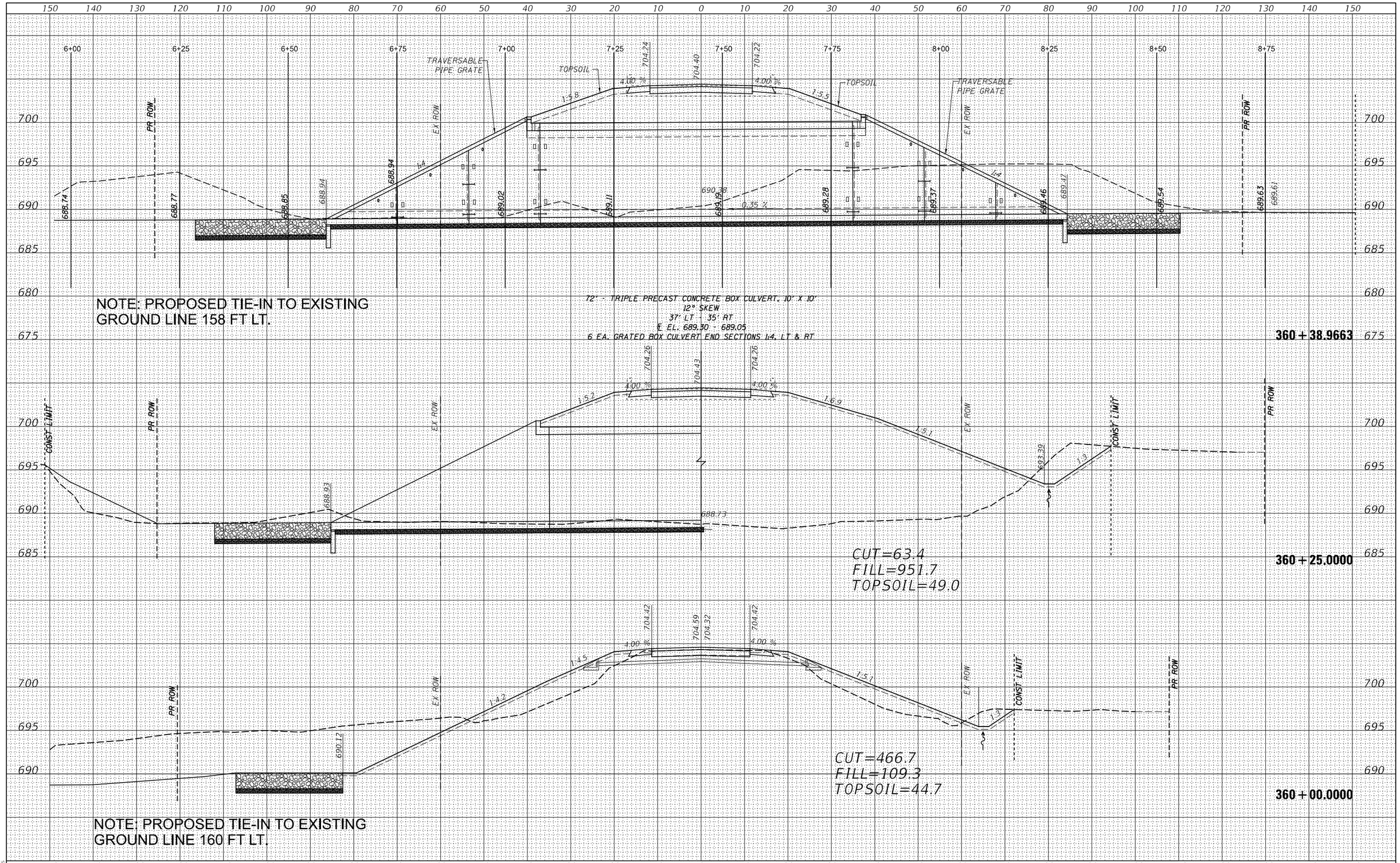
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 14 OF 86 SHEETS | STA. 359+75.0000 TO STA. 360+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	88
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:20	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:18	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098-2026

SCALE: 1"=10'H/5'V | SHEET 15 OF 86 SHEETS | STA. 360+00.0000 TO STA. 360+38.9663

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE & OGLE	160	89
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

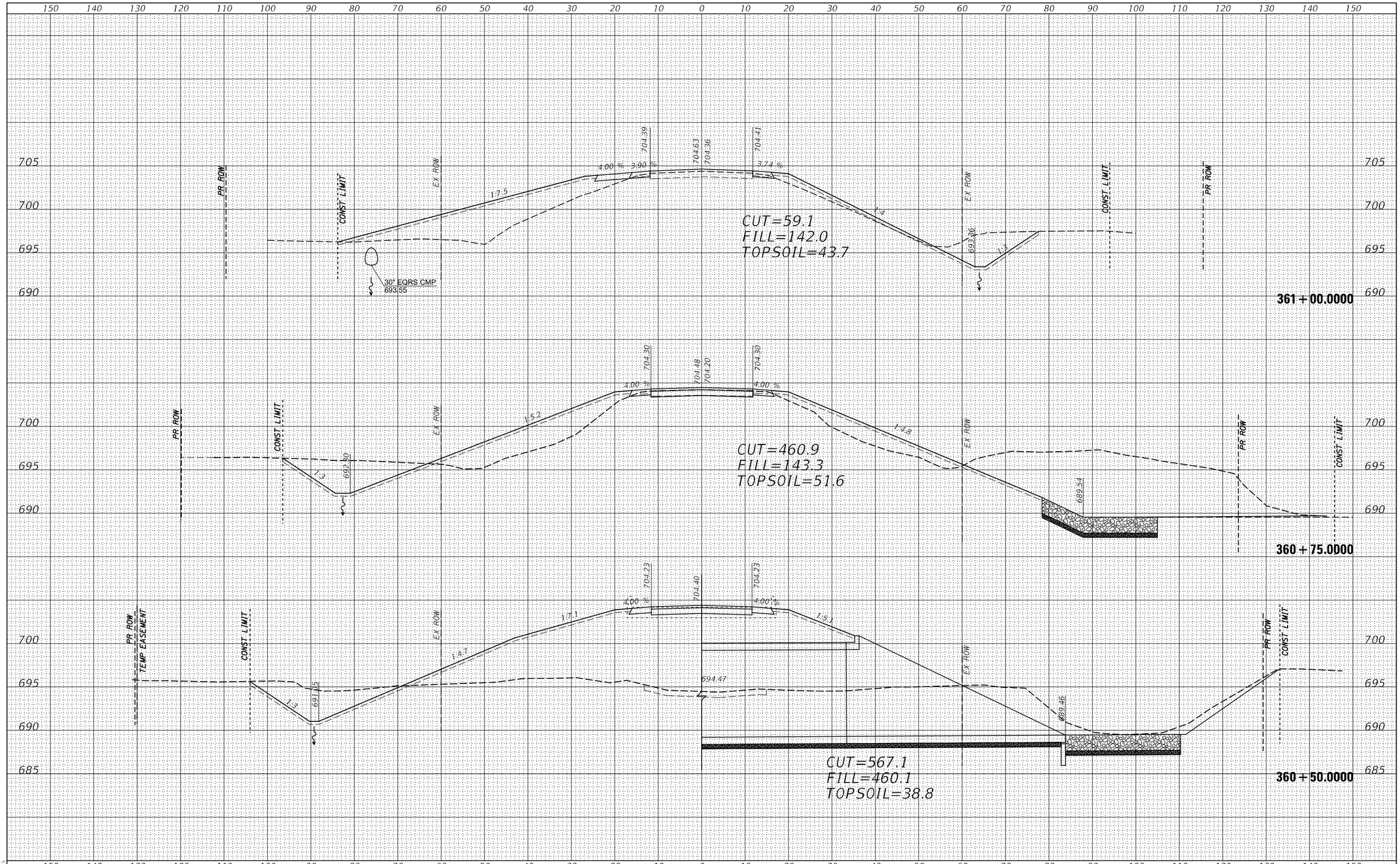
* WHITESIDE & OGLE

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

MODEL: $MODELNAME$
FILE NAME: $FILEL$

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

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



MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:20	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:18	DATE - 3/14/2023	REVISED -	

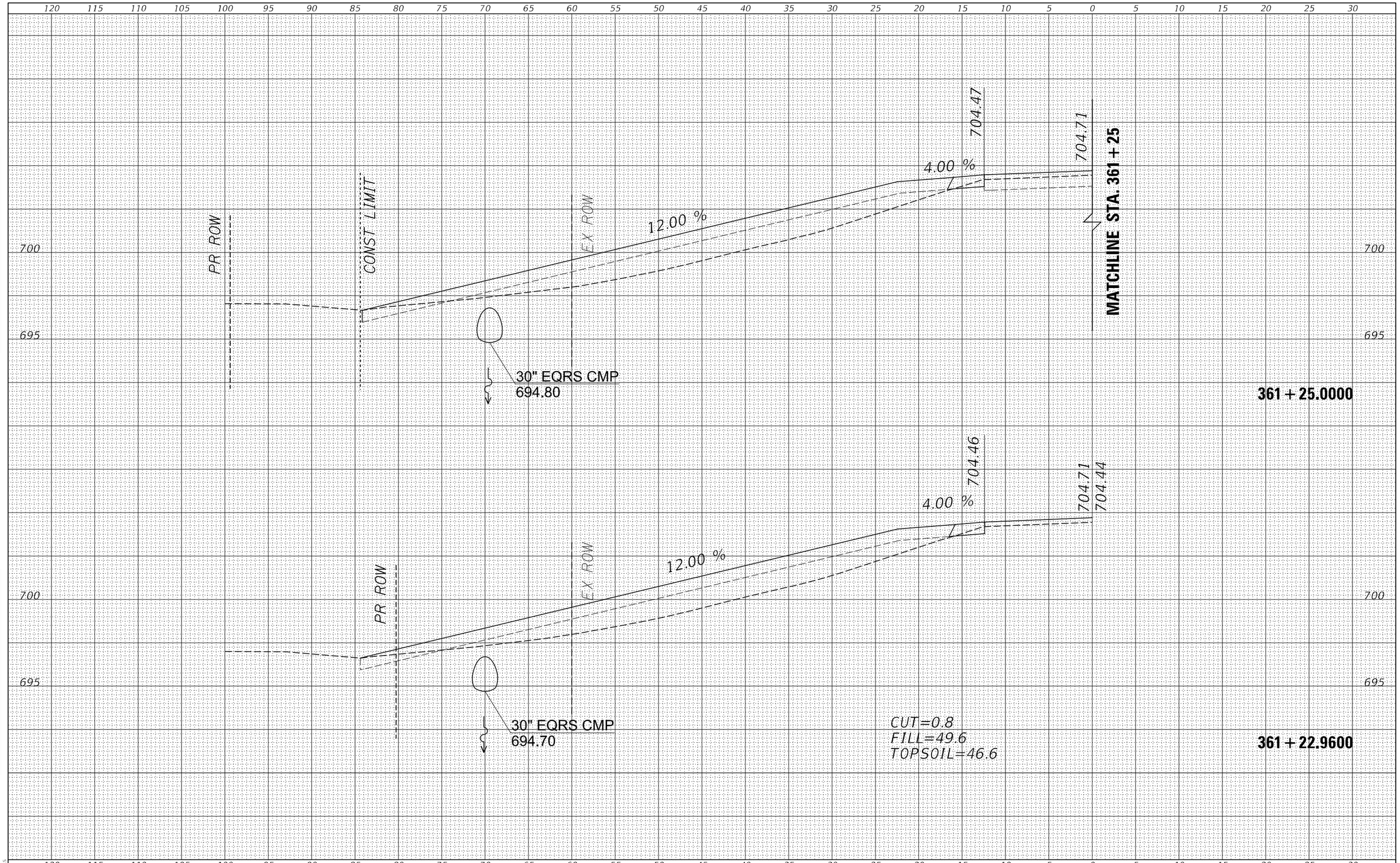
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=10'H/5'V | SHEET 16 OF 86 SHEETS | STA. 360+50.0000 TO STA. 361+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE & OGLE	160	90
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



FINAL SURVEY / ORIGINAL SURVEY

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

MODEL: $MODELNAME$
FILE NAME: $FILEIL$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

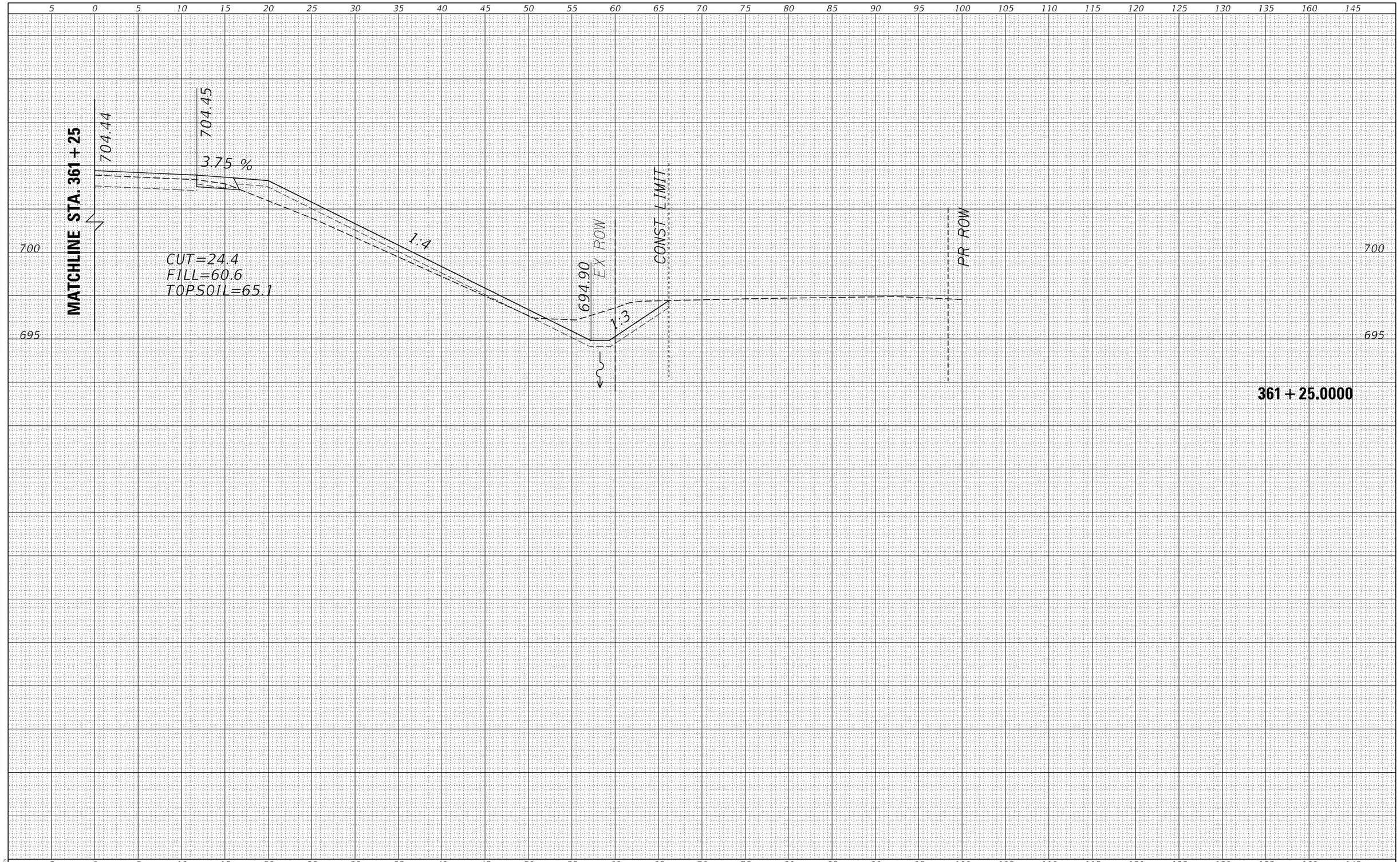
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 17 OF 86 SHEETS | STA. 361+22.9600 TO STA. 361+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	91
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

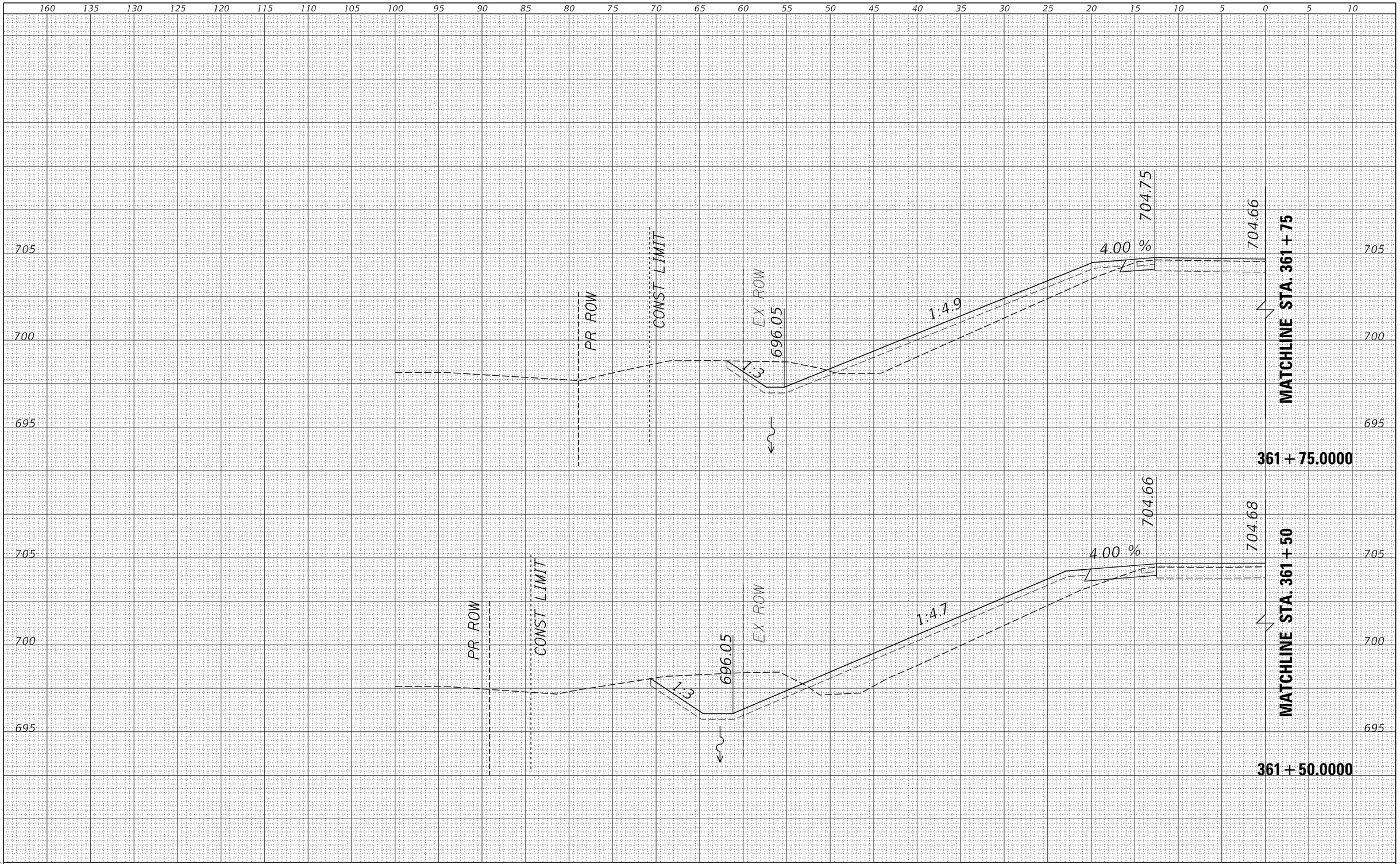
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 18 OF 86 SHEETS | STA. 361+25.0000 TO STA. 361+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	92
			CONTRACT NO. 64F57	
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 19 OF 86 SHEETS | STA. 361+50.0000 TO STA. 361+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	93
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

BY	DATE

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

BY	DATE

15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135

705

700

695

MATCHLINE STA. 361+75

704.53

704.36

3.92 %

1:4

CUT=17.5
FILL=32.9
TOPSOIL=28.8

CONST LIMIT

EX ROW

361+75.0000

MATCHLINE STA. 361+50

704.49

704.40

3.83 %

1:4

CUT=35.1
FILL=50.2
TOPSOIL=31.2

CONST LIMIT

EX ROW

PR ROW

361+50.0000

15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

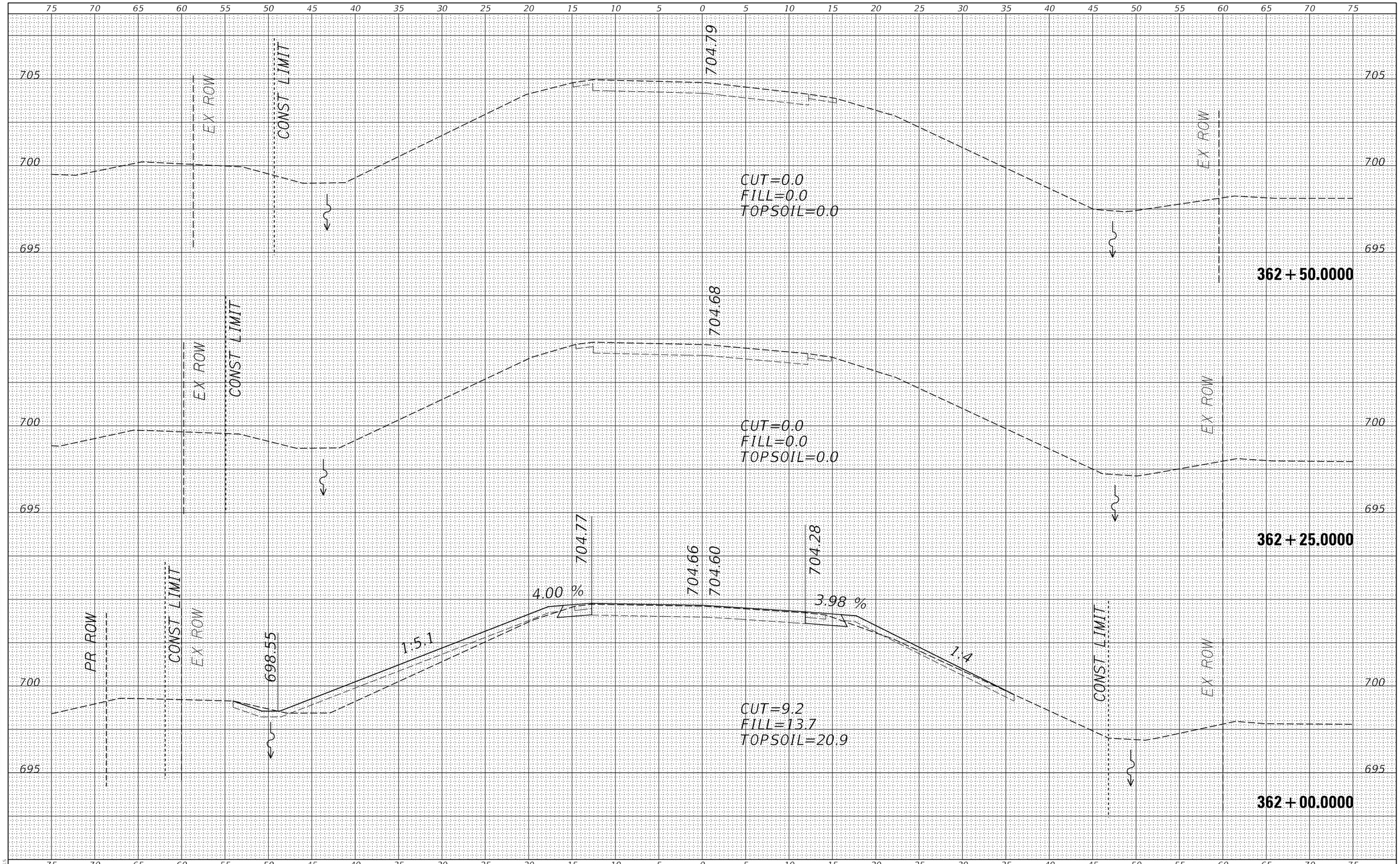
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 20 OF 86 SHEETS | STA. 361+50.0000 TO STA. 361+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE*	160	94
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILES

USER NAME = $USER$	DESIGNED -	REVISED -
	DRAWN - JC	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - HD	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5"V' | SHEET 21 OF 86 SHEETS | STA. 362+00.0000 TO STA. 362+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	95
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

760

755

759.54

CUT=0.0
FILL=0.0
TOPSOIL=0.0

486+25.0000

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

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

760

755

759.93

CUT=0.0
FILL=0.0
TOPSOIL=0.0

486+00.0000

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

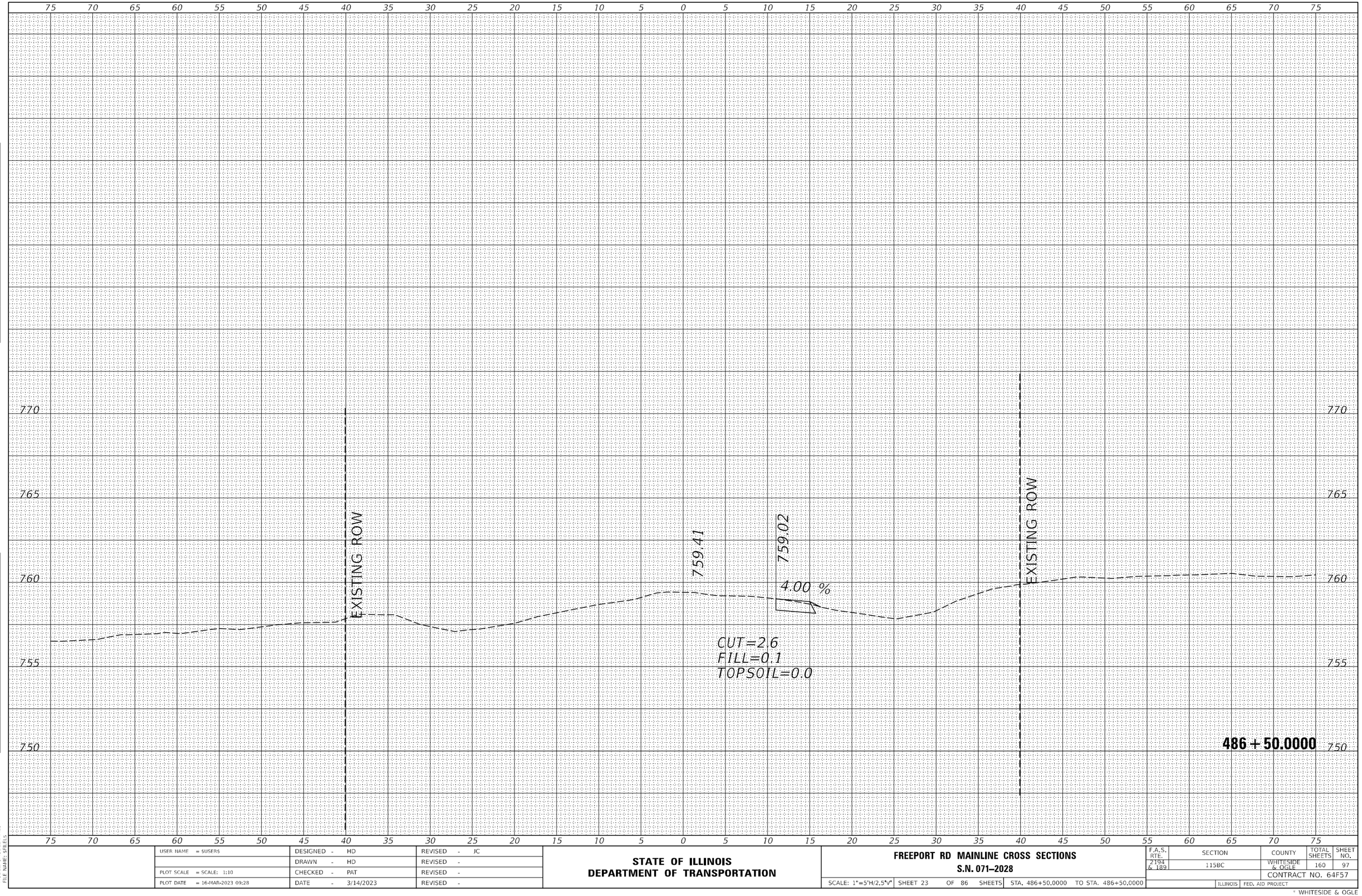
SCALE: 1"=5'H/2.5'V' | SHEET 22 OF 86 SHEETS | STA. 486+00.0000 TO STA. 486+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	96
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

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



MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - HD	REVISED - JC	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 23 OF 86 SHEETS | STA. 486+50.0000 TO STA. 486+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	97
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

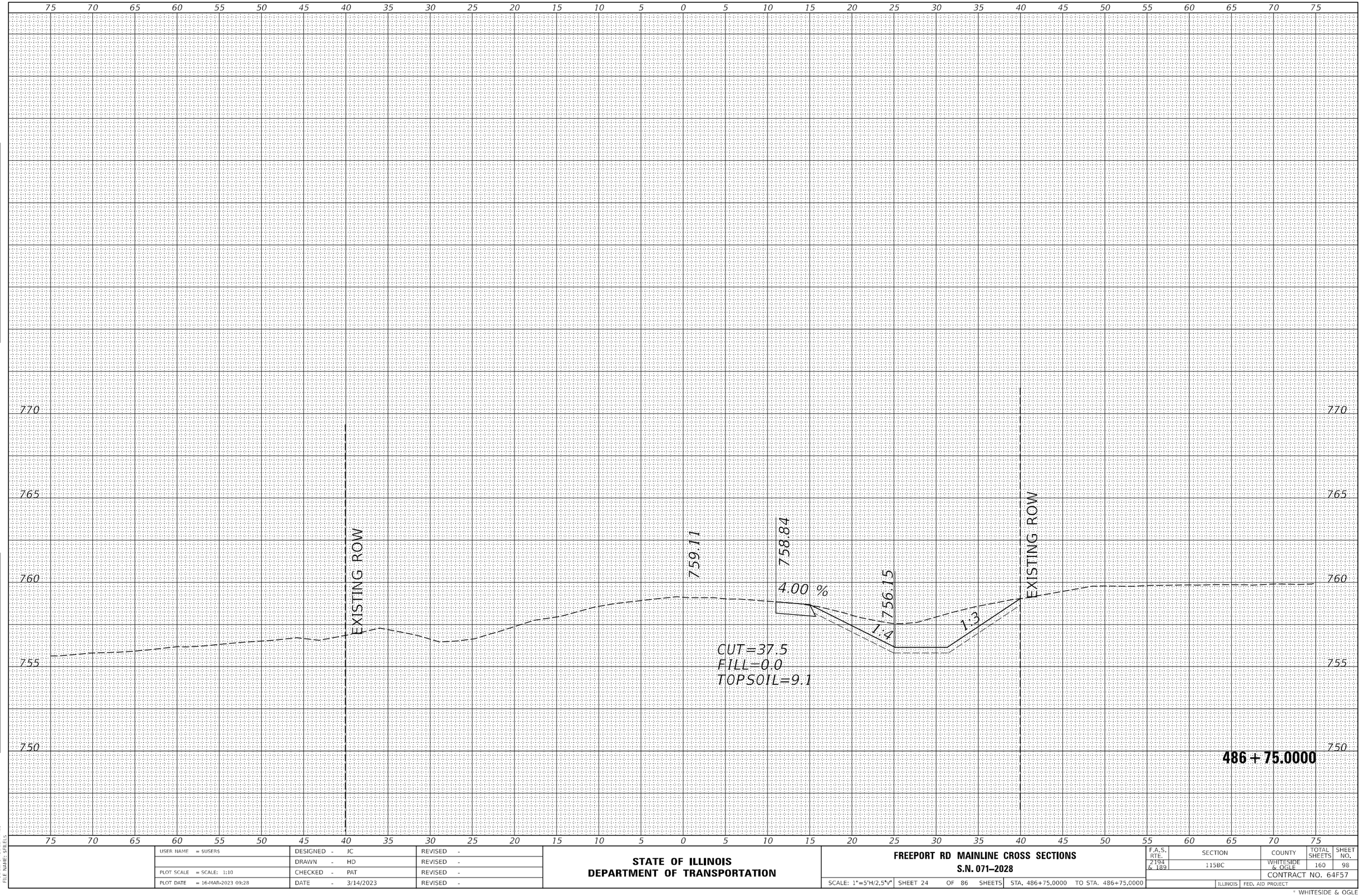
* WHITESIDE & OGLE

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

BY	DATE

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

BY	DATE



MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 24 OF 86 SHEETS | STA. 486+75.0000 TO STA. 486+75.0000

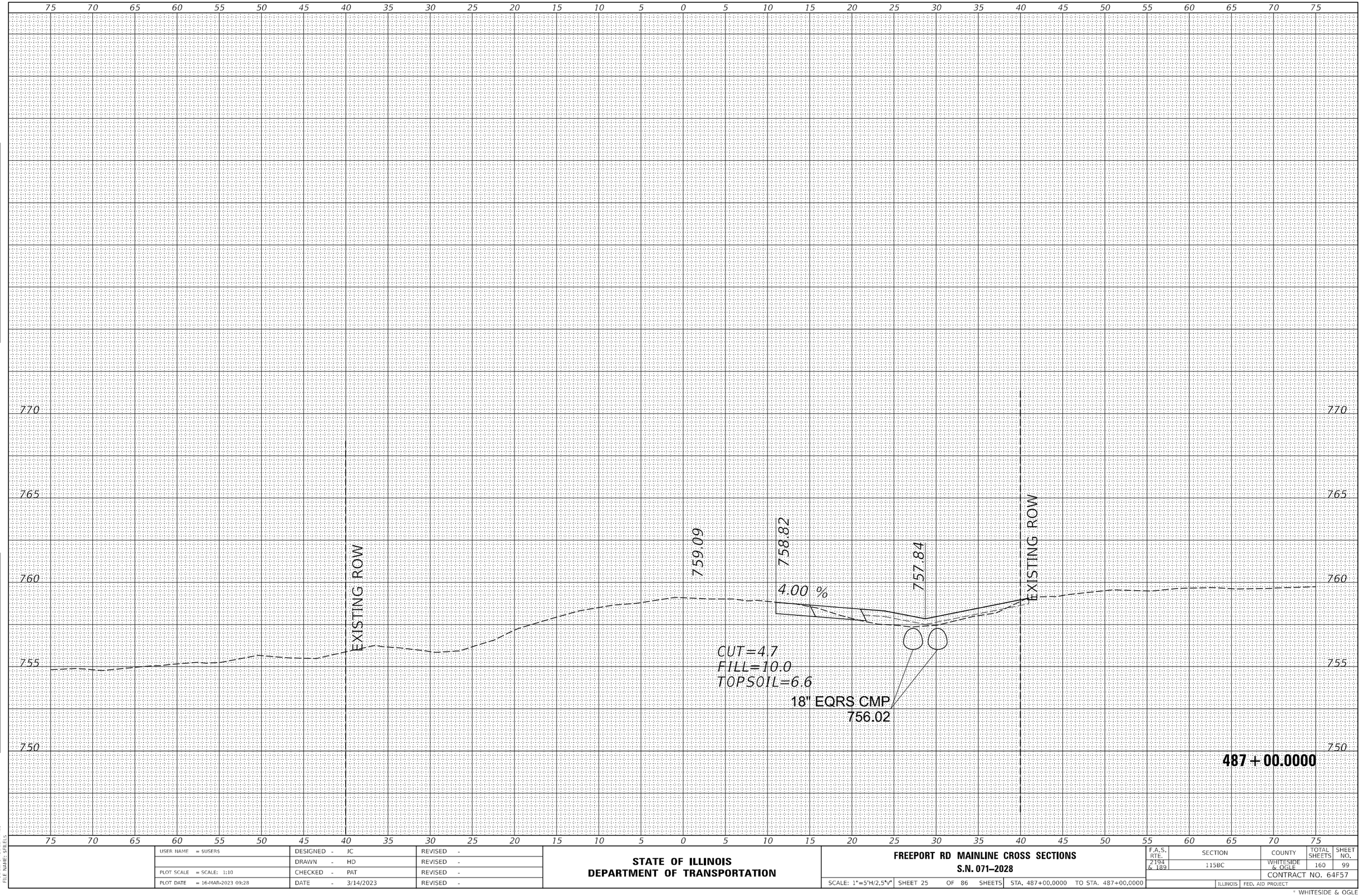
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	98
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

BY	DATE

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



MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 25 OF 86 SHEETS | STA. 487+00.0000 TO STA. 487+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	99
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

BY

DATE

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

770

765

760

755

750

EXISTING ROW

759.03

758.80

758.40

4.00 %

2.55 %

EXISTING ROW

CUT=6.0
FILL=8.3
TOPSOIL=17.1

18" EQRS CMP
755.90

487 + 25.0000

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

BY

DATE

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

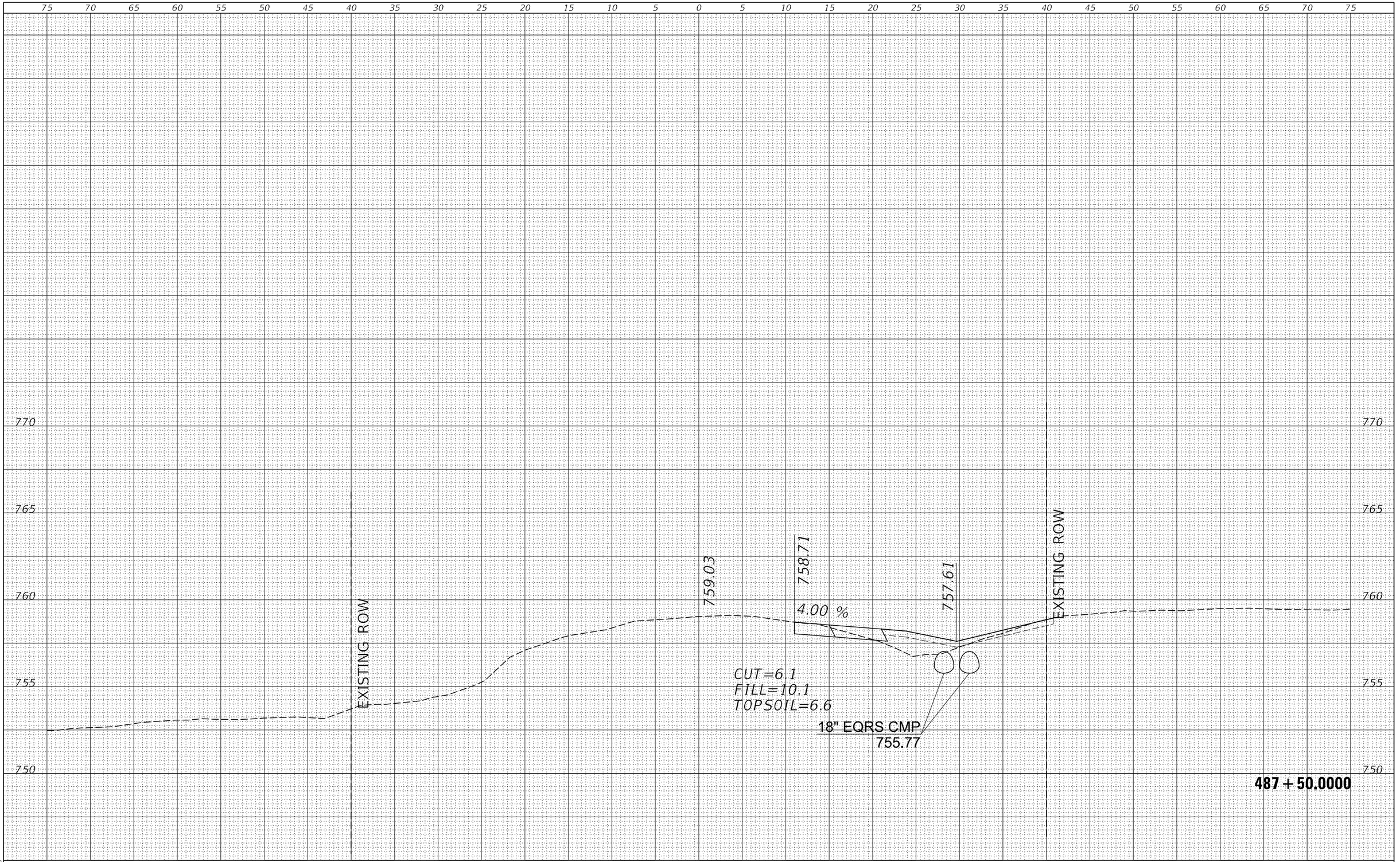
SCALE: 1"=5'H/2.5'V* | SHEET 26 OF 86 SHEETS | STA. 487+25.0000 TO STA. 487+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	100
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		



ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 27 OF 86 SHEETS | STA. 487+50.0000 TO STA. 487+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	101
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

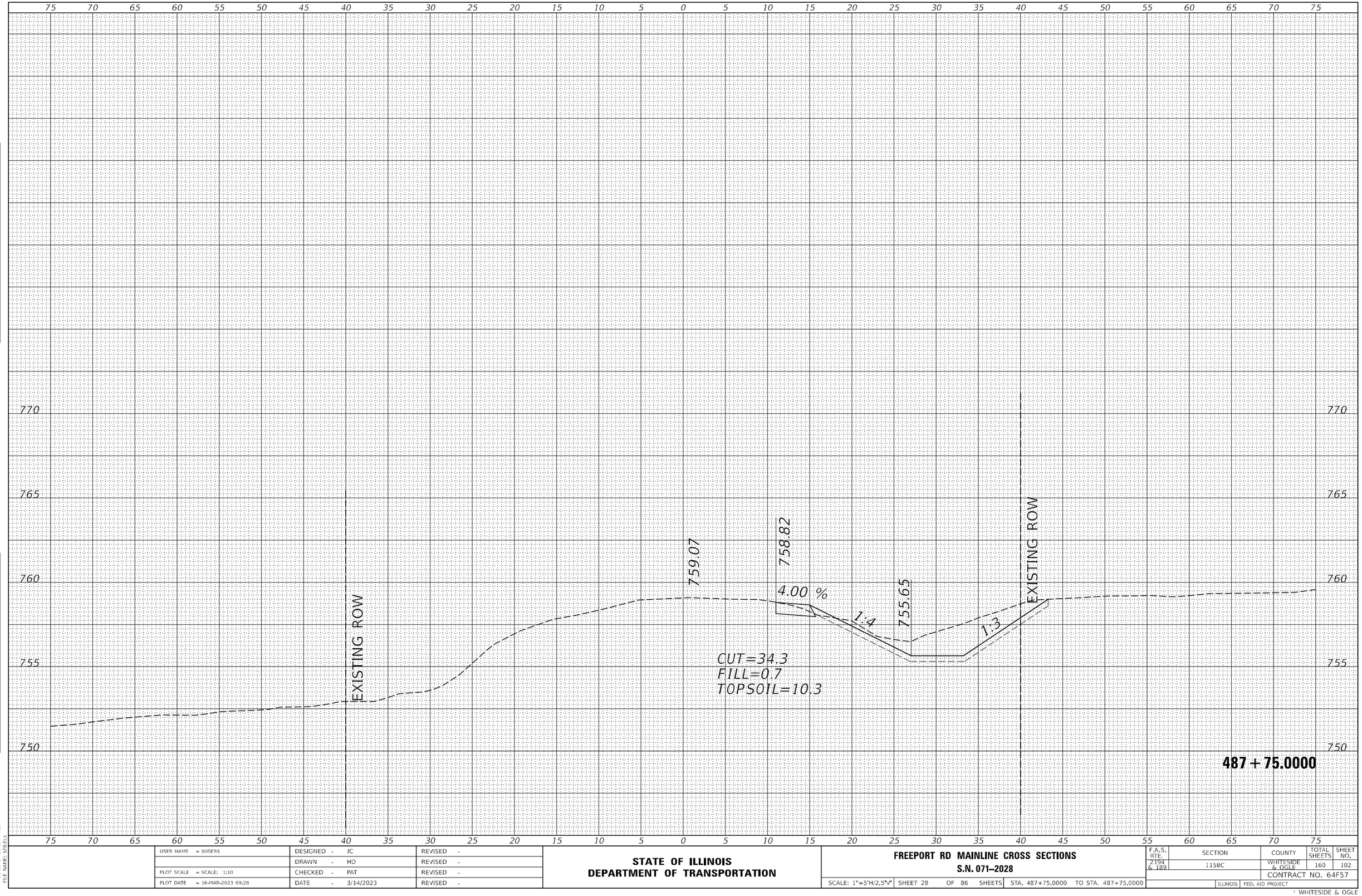
* WHITESIDE & OGLE

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

BY	DATE

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

BY	DATE



MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 28 OF 86 SHEETS | STA. 487+75.0000 TO STA. 487+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	102
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

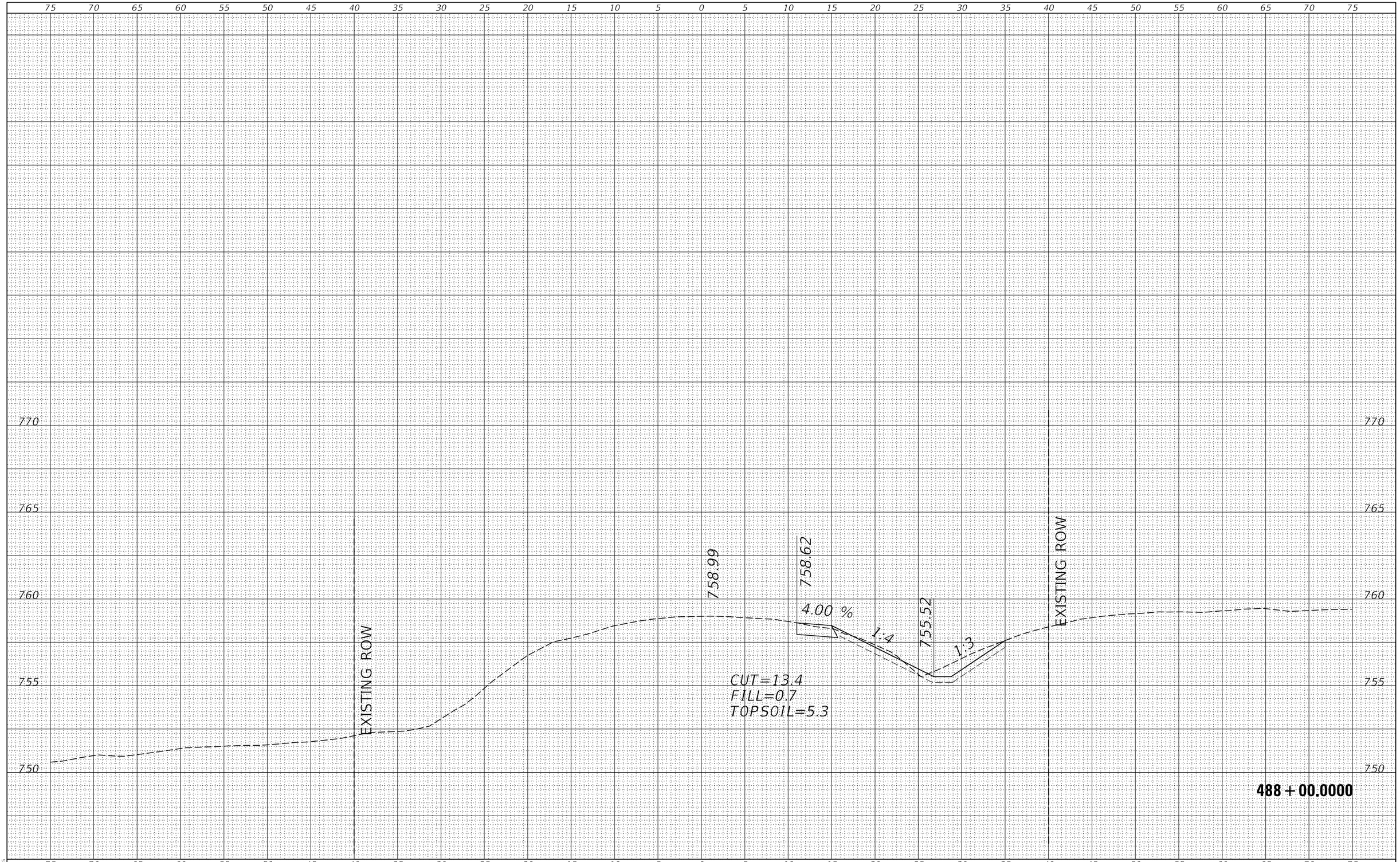
* WHITESIDE & OGLE

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

BY	DATE

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

BY	DATE



MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

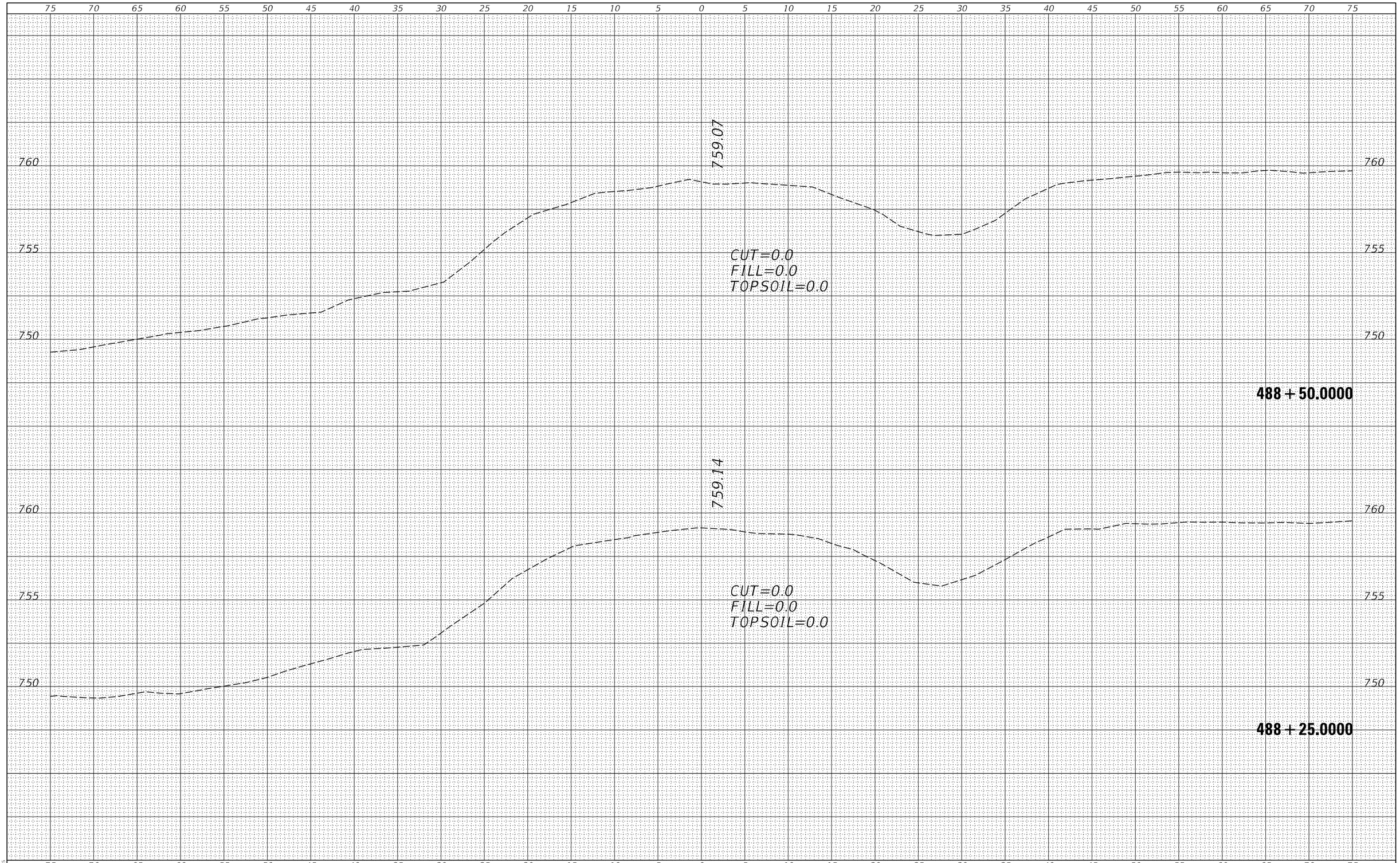
SCALE: 1"=5'H/2.5'V' | SHEET 29 OF 86 SHEETS | STA. 488+00.0000 TO STA. 488+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	103
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

BY	DATE



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

BY	DATE

MODEL: $MODELNAME$
FILE NAME: $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

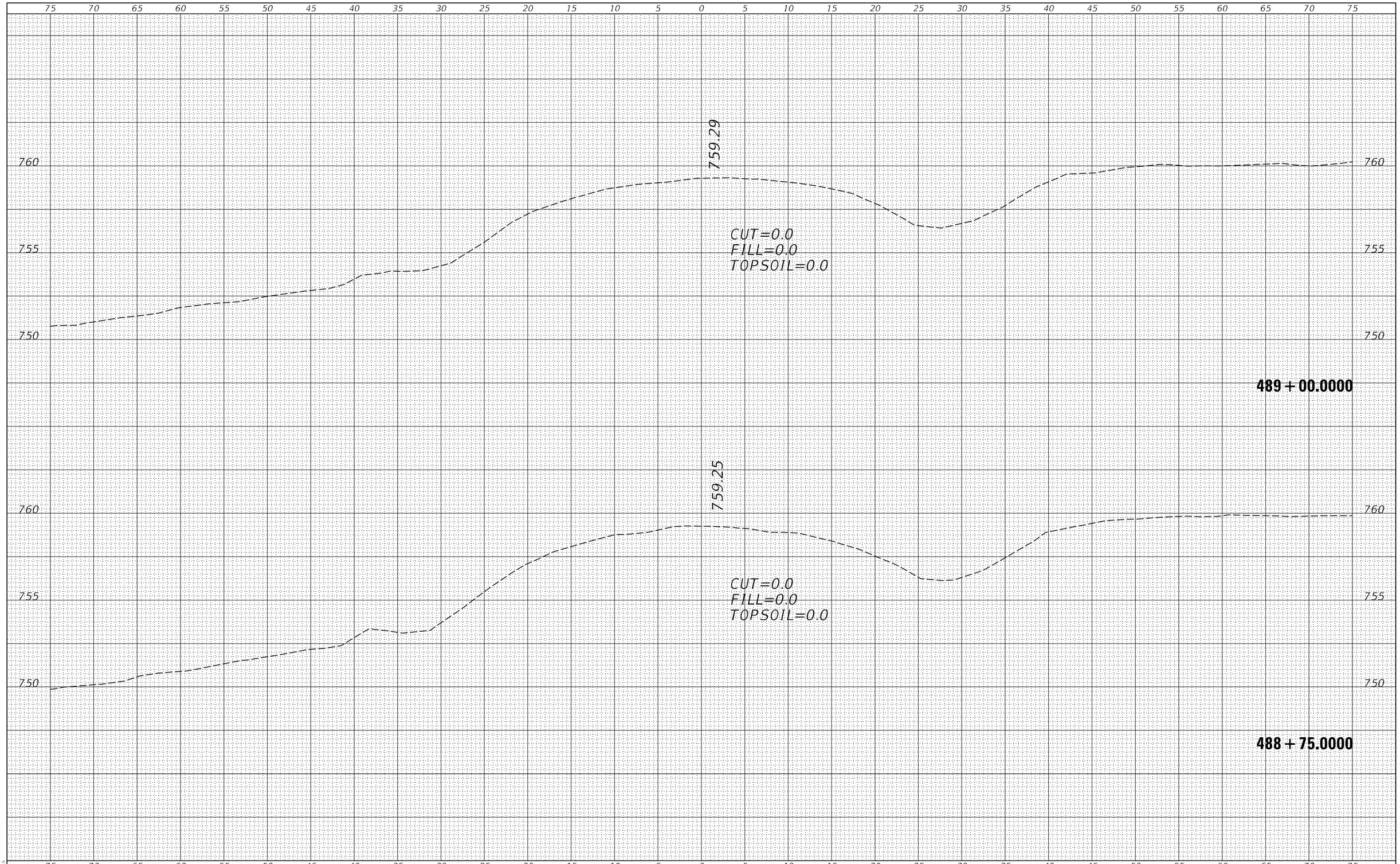
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 30 OF 86 SHEETS | STA. 488+25.0000 TO STA. 488+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	104
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

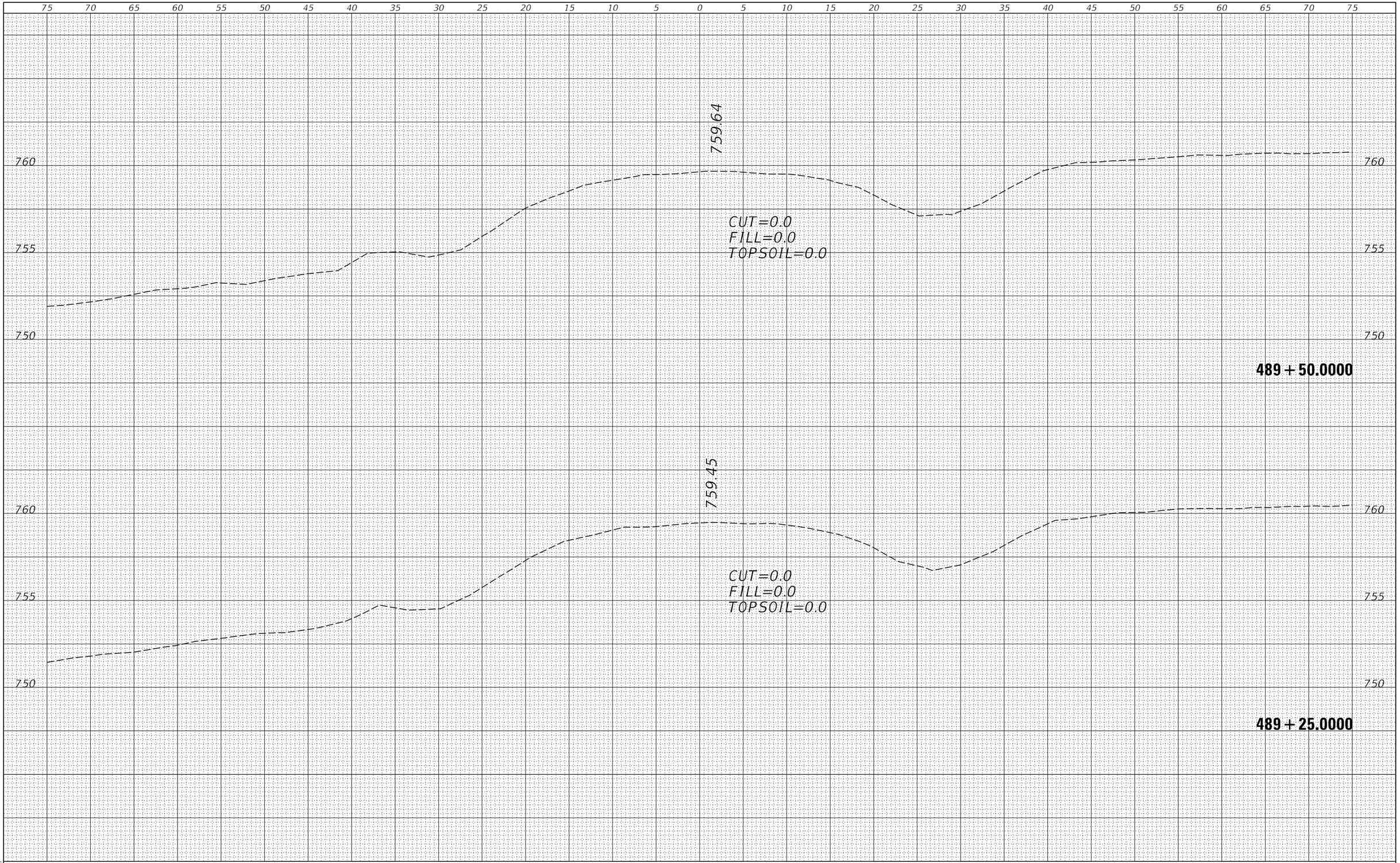
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 31 OF 86 SHEETS | STA. 488+75.0000 TO STA. 489+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	105
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

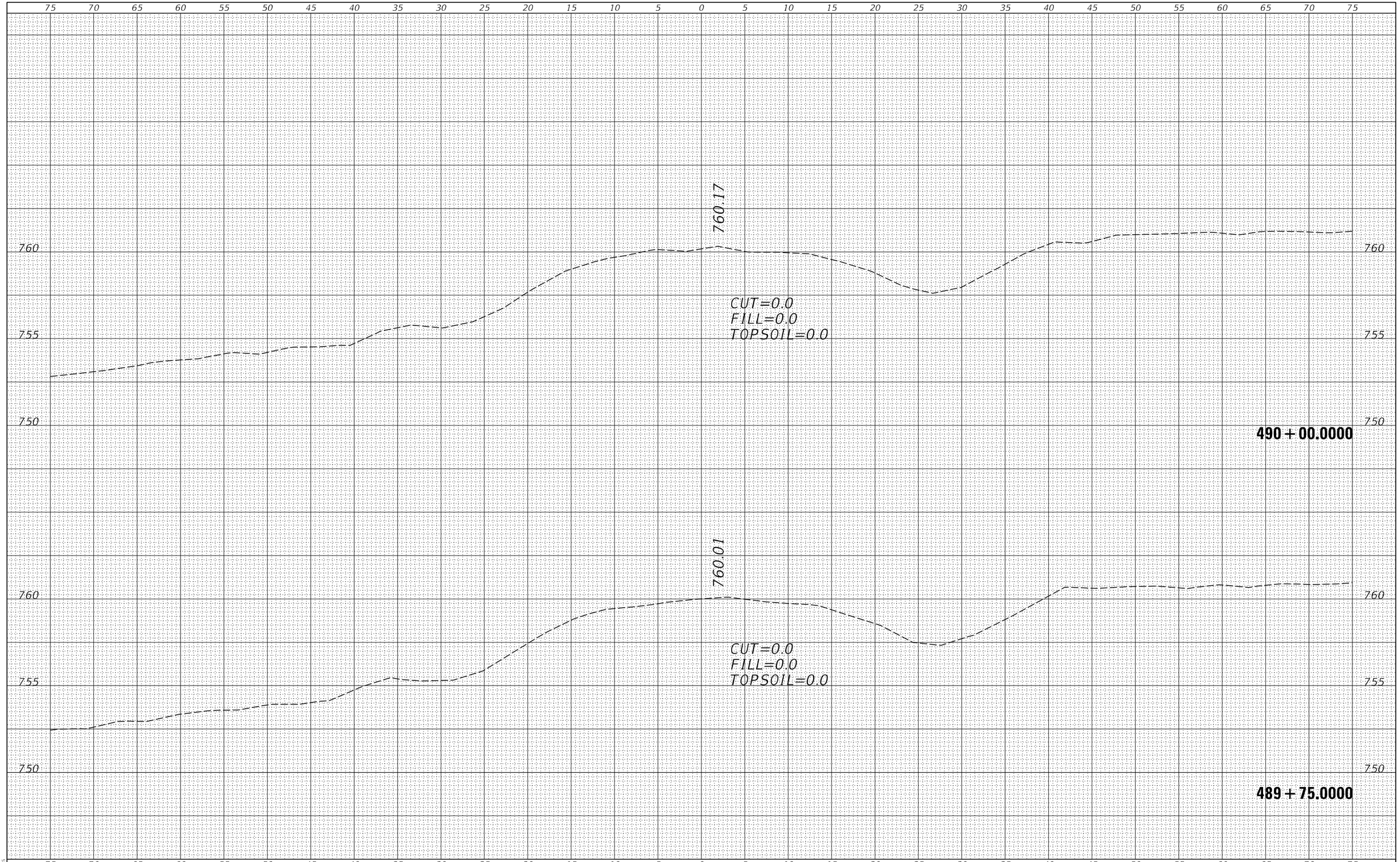
FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V* | SHEET 32 OF 86 SHEETS | STA. 489+25.0000 TO STA. 489+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	106
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

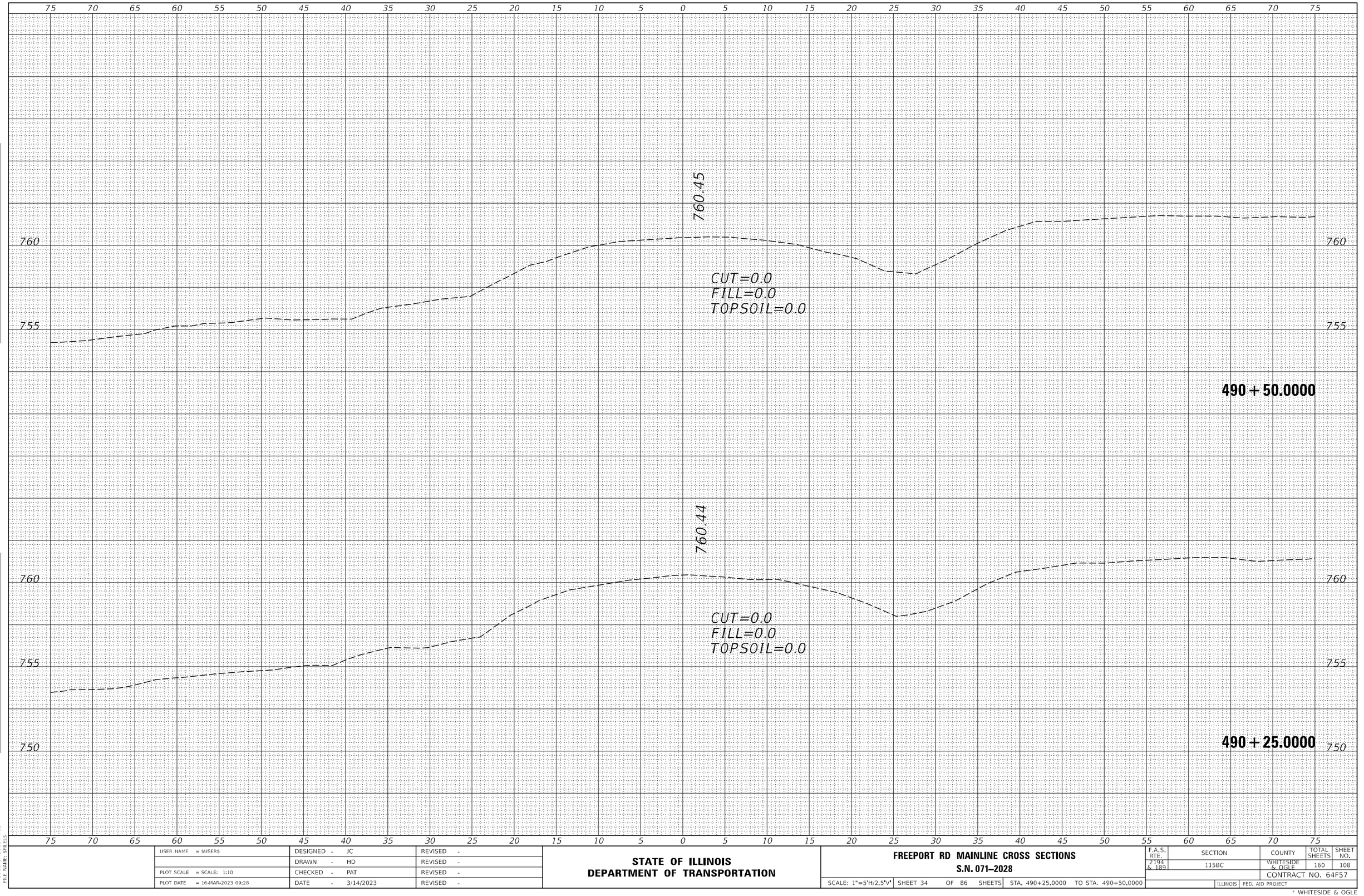
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 33 OF 86 SHEETS | STA. 489+75.0000 TO STA. 490+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	107
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

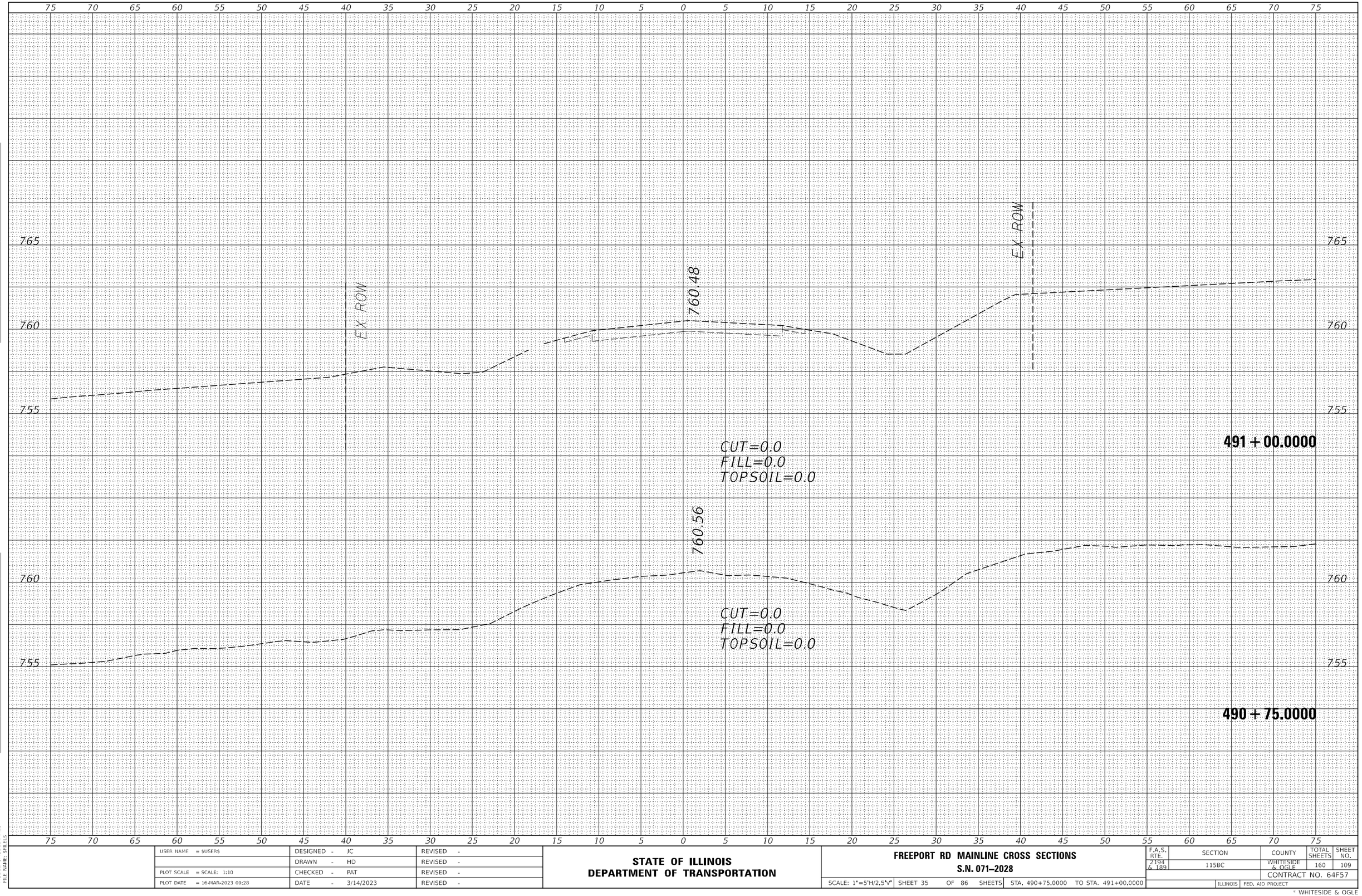
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 34 OF 86 SHEETS | STA. 490+25.0000 TO STA. 490+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	108
			CONTRACT NO. 64F57	
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 35 OF 86 SHEETS | STA. 490+75.0000 TO STA. 491+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	109
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

765
760
755

EX ROW

760.25

EX ROW

765
760
755

CUT=0.0
FILL=0.0
TOPSOIL=0.0

491 + 50.0000

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

765
760
755

EX ROW

760.37

EX ROW

765
760
755

CUT=0.0
FILL=0.0
TOPSOIL=0.0

491 + 25.0000

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 36 OF 86 SHEETS | STA. 491+25.0000 TO STA. 491+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	110
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

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

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

770

765

760

755

EX ROW

760.11

EX ROW

CUT=0.0
FILL=0.0
TOPSOIL=0.0

491 + 75.0000

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 37 OF 86 SHEETS | STA. 491+75.0000 TO STA. 491+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	111
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

770

765

760

755

EX ROW

759.86

EX ROW

492+00.0000

CUT=0.0
FILL=0.0
TOPSOIL=0.0

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 38 OF 86 SHEETS | STA. 492+00.0000 TO STA. 492+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	112
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

DATE	BY

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

DATE	BY

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

770

765

760

755

EX ROW

759.58

EX ROW

CUT=0.0
FILL=0.0
TOPSOIL=0.0

492 + 25.0000

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 39 OF 86 SHEETS | STA. 492+25.0000 TO STA. 492+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	113
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

770

765

760

755

E.X. ROW

759.11

E.X. ROW

CUT=0.0
FILL=0.0
TOPSOIL=0.0

492+50.0000

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 40 OF 86 SHEETS | STA. 492+50.0000 TO STA. 492+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	114
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

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

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

770

765

760

755

EX ROW

758.50

EX ROW

CUT=0.0
FILL=0.0
TOPSOIL=0.0

492 + 75.0000

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 41 OF 86 SHEETS | STA. 492+75.0000 TO STA. 492+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	115
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

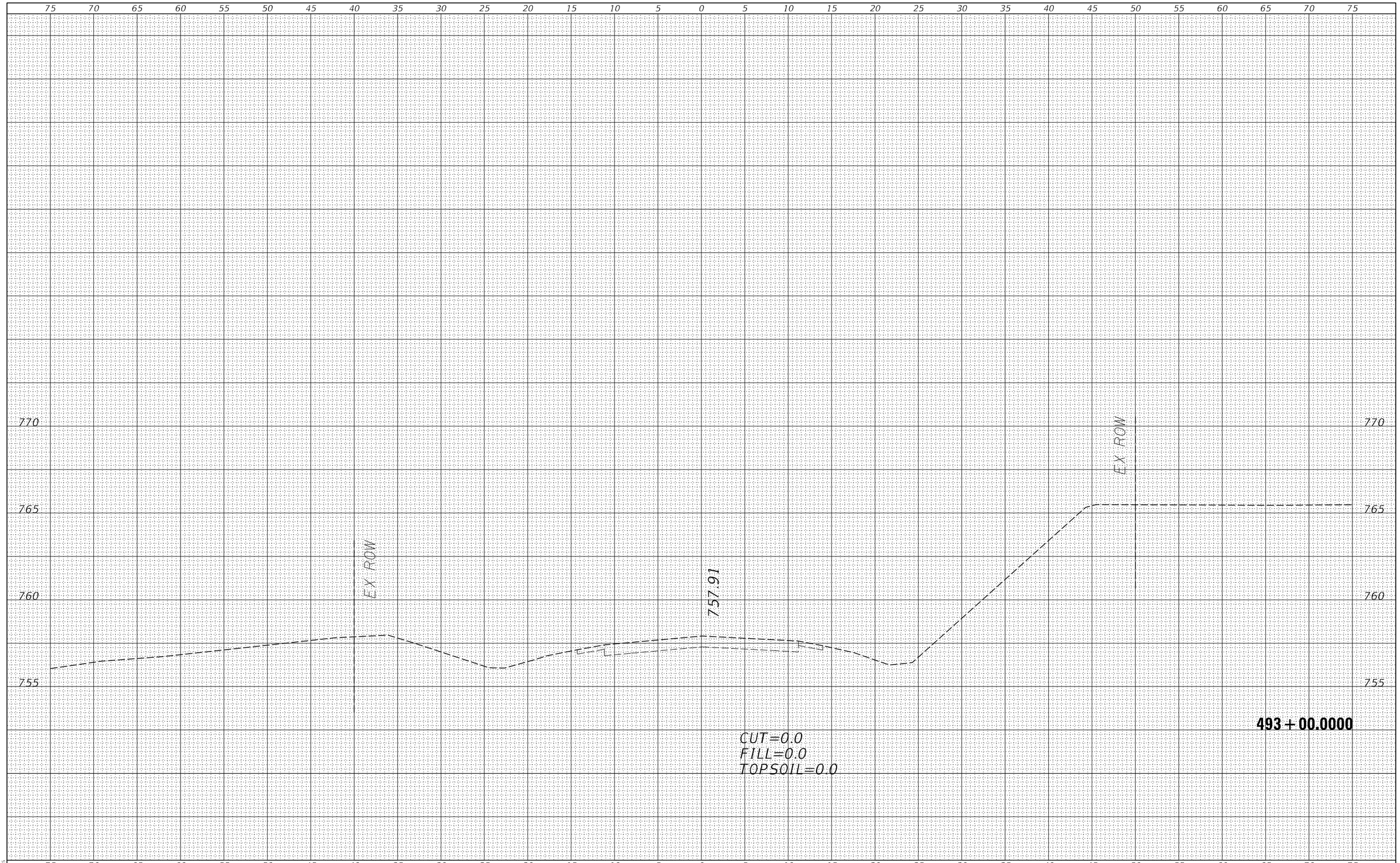
* WHITESIDE & OGLE

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

BY	DATE

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

BY	DATE



MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

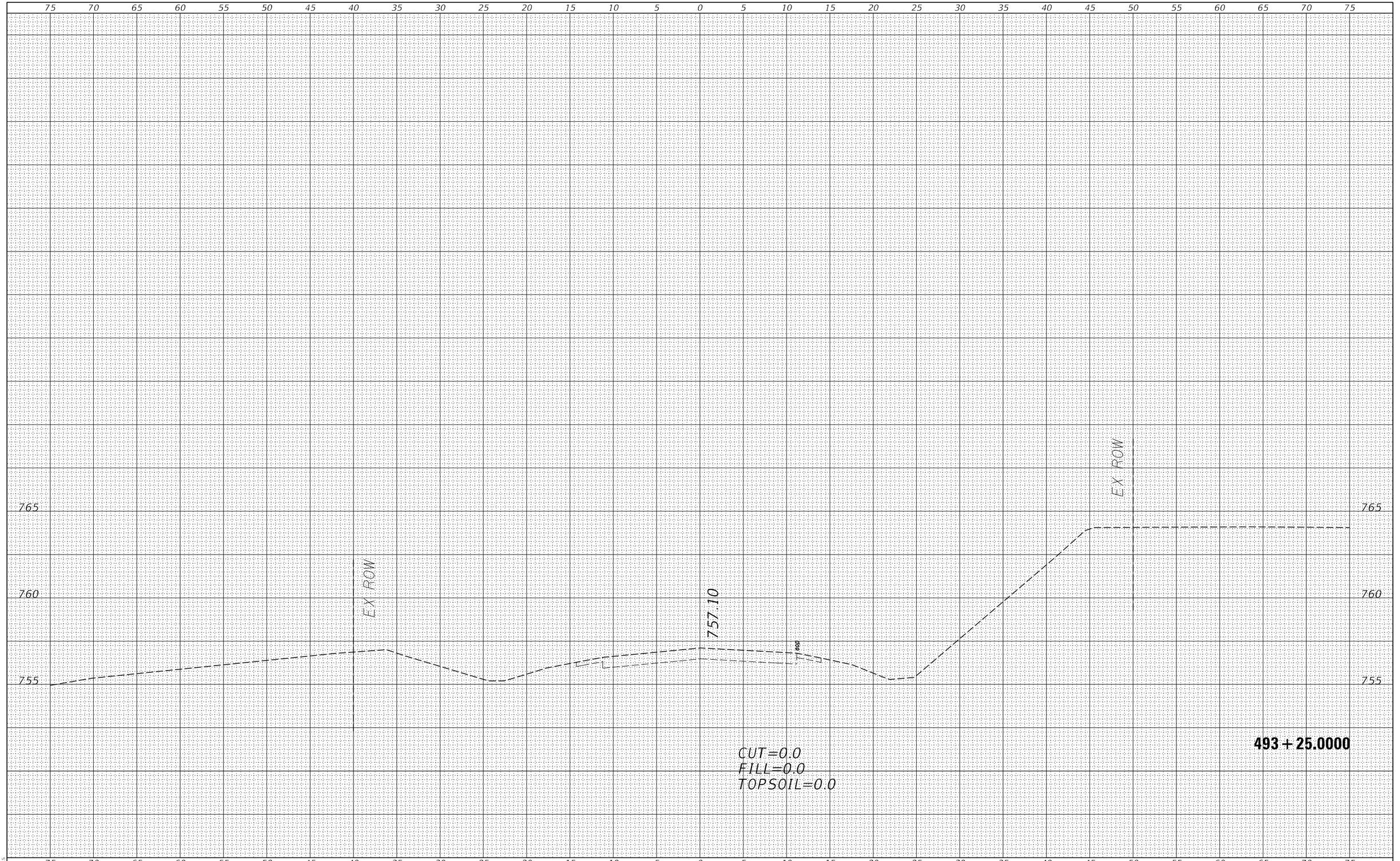
SCALE: 1"=5'H/2.5'V' | SHEET 42 OF 86 SHEETS | STA. 493+00.0000 TO STA. 493+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE*	160	116
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

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



MODEL: $MODELNAME$
FILE NAME: $FILEIN

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

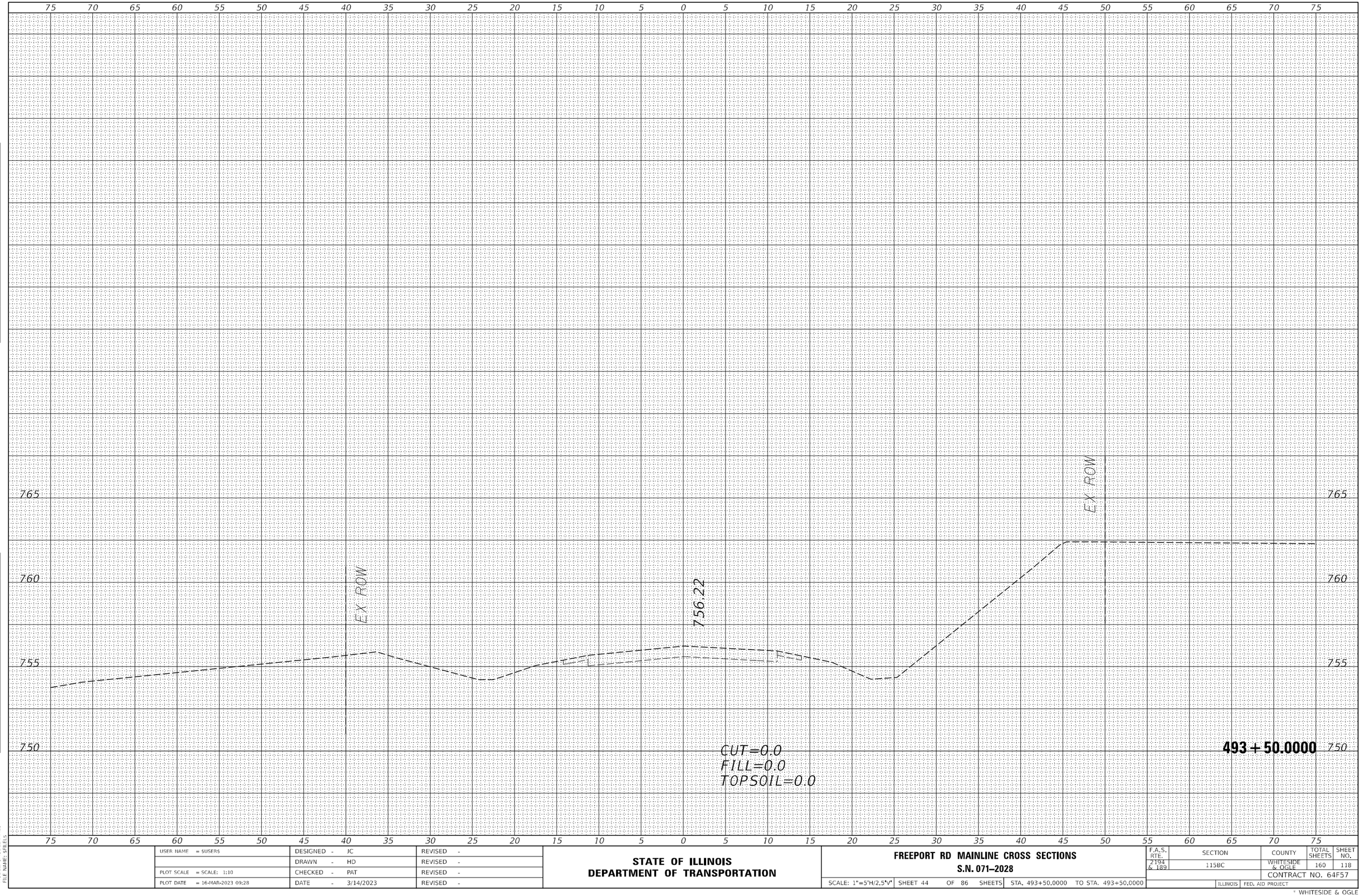
SCALE: 1"=5'H/2.5'V' | SHEET 43 OF 86 SHEETS | STA. 493+25.0000 TO STA. 493+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	117
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

* WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		



ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

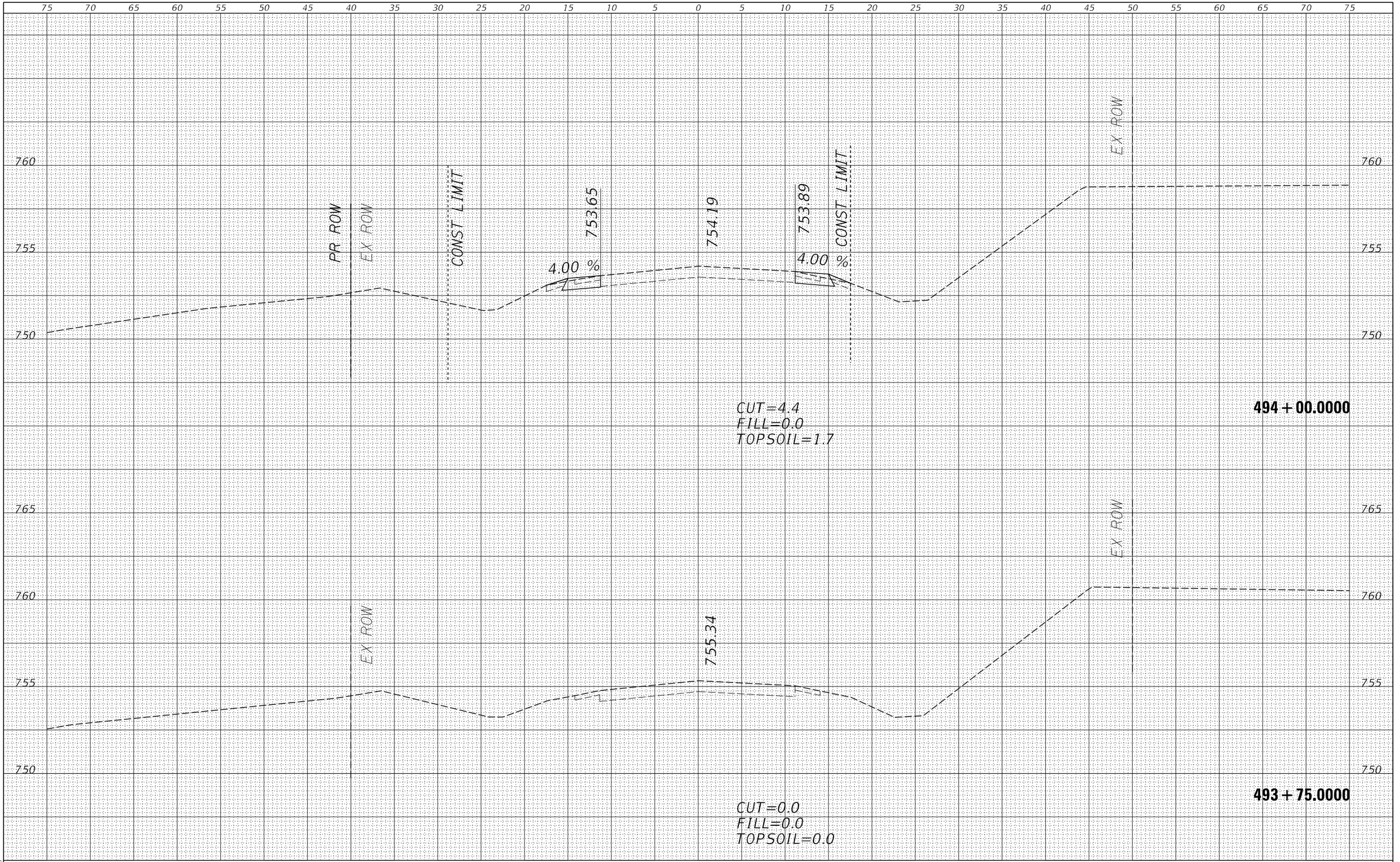
FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 44 OF 86 SHEETS | STA. 493+50.0000 TO STA. 493+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	118
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

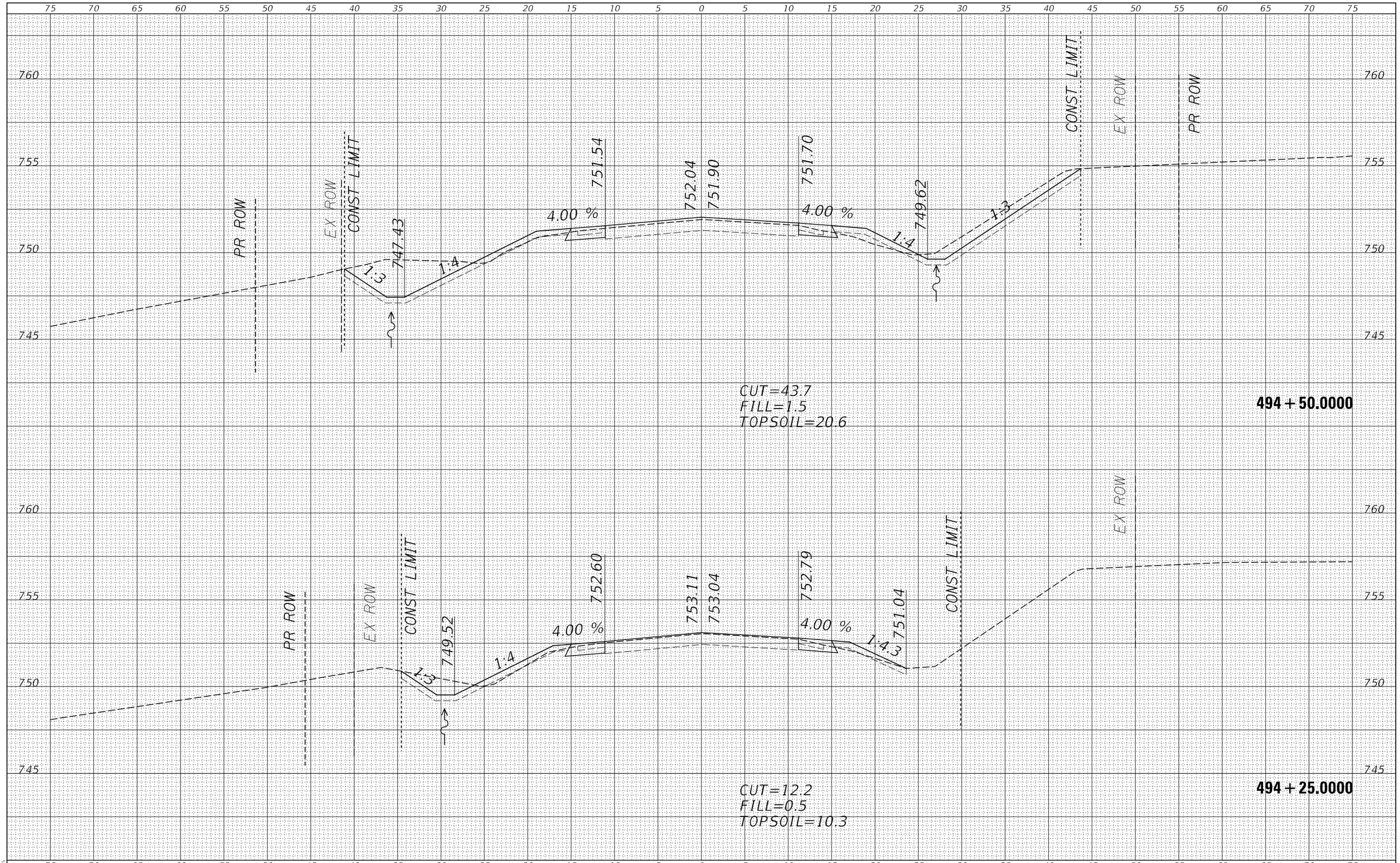
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 45 OF 86 SHEETS | STA. 493+75.0000 TO STA. 494+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	119
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

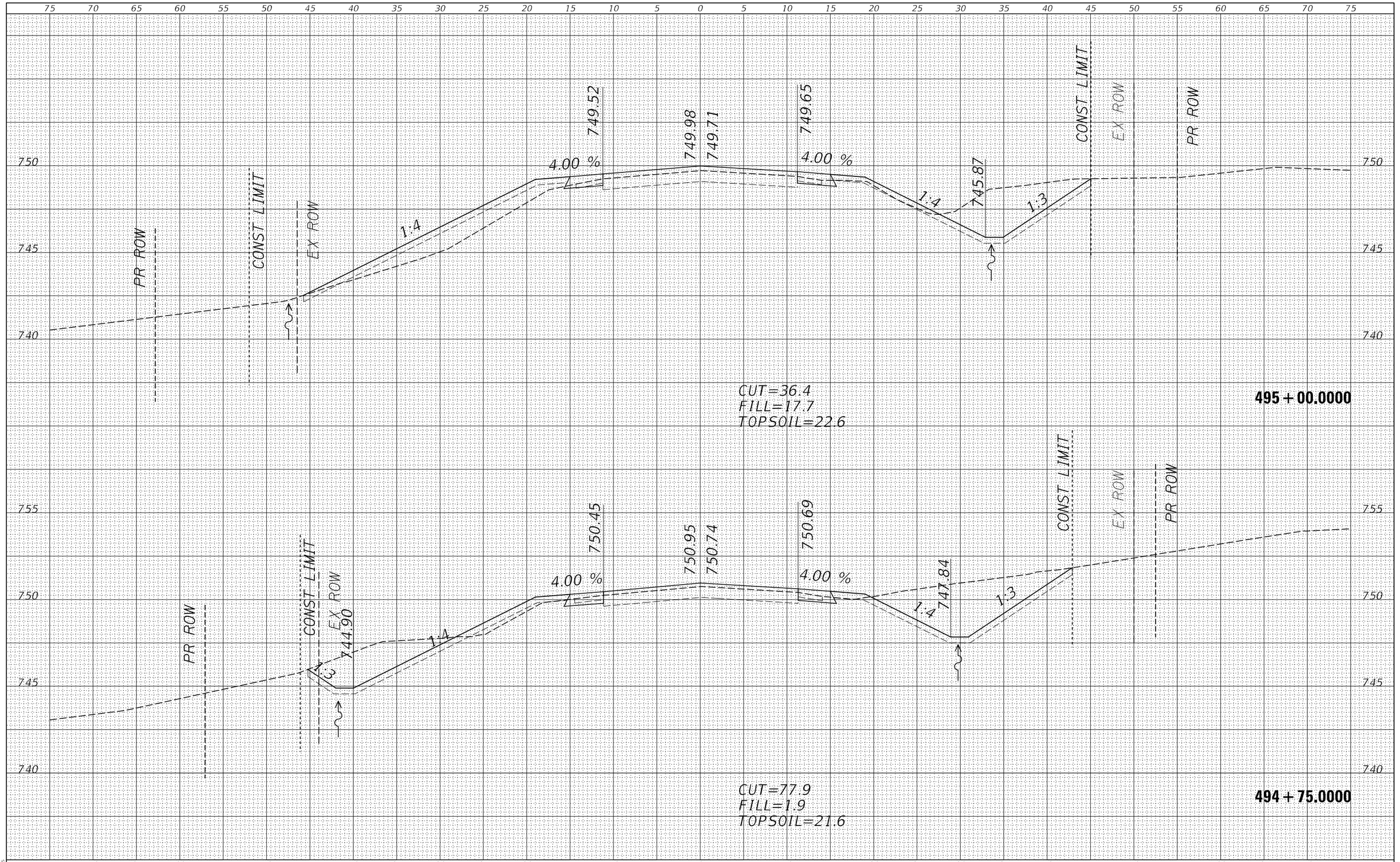
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 46 OF 86 SHEETS | STA. 494+25.0000 TO STA. 494+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	120
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIN

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

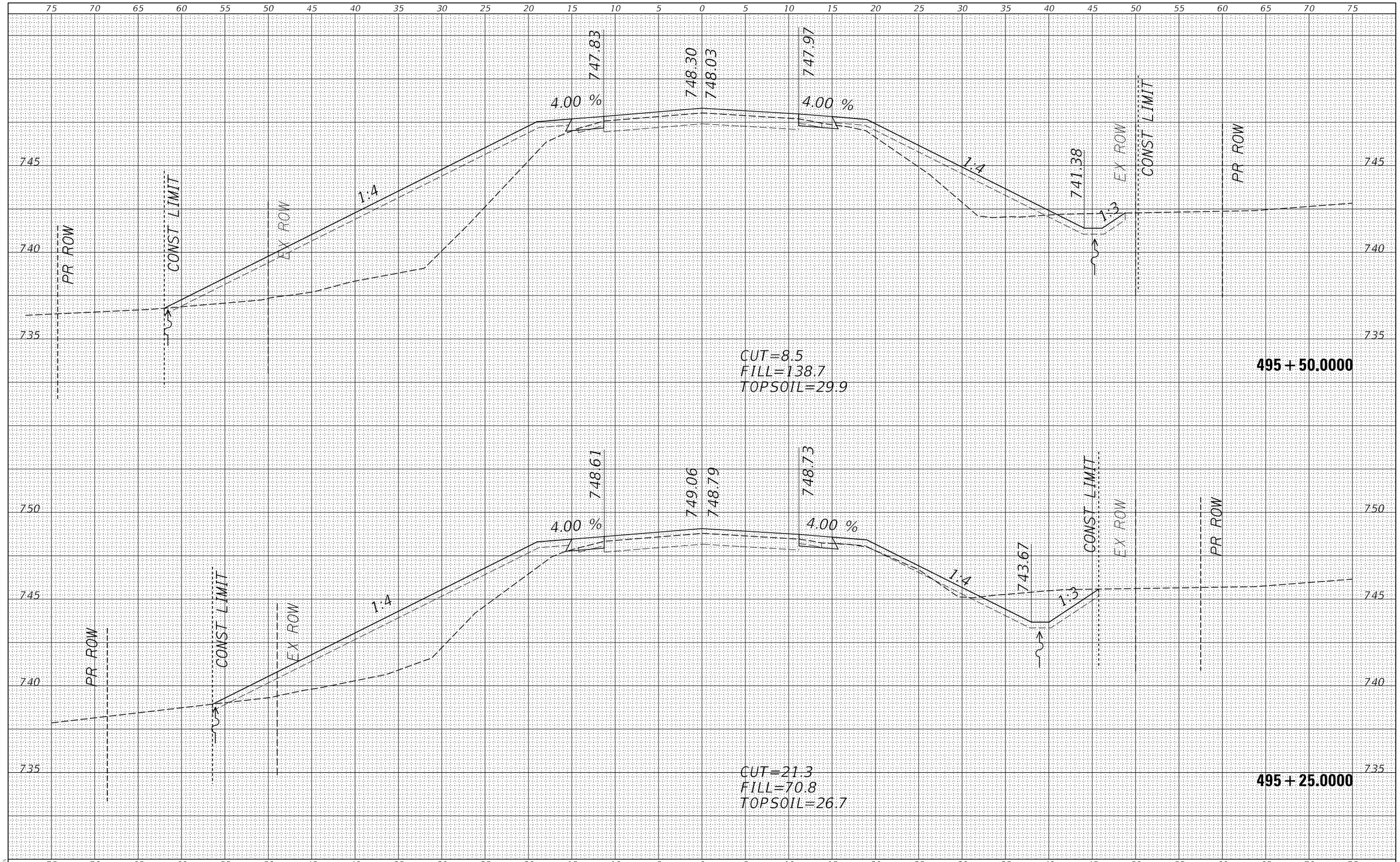
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 47 OF 86 SHEETS | STA. 494+75.0000 TO STA. 495+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	121
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

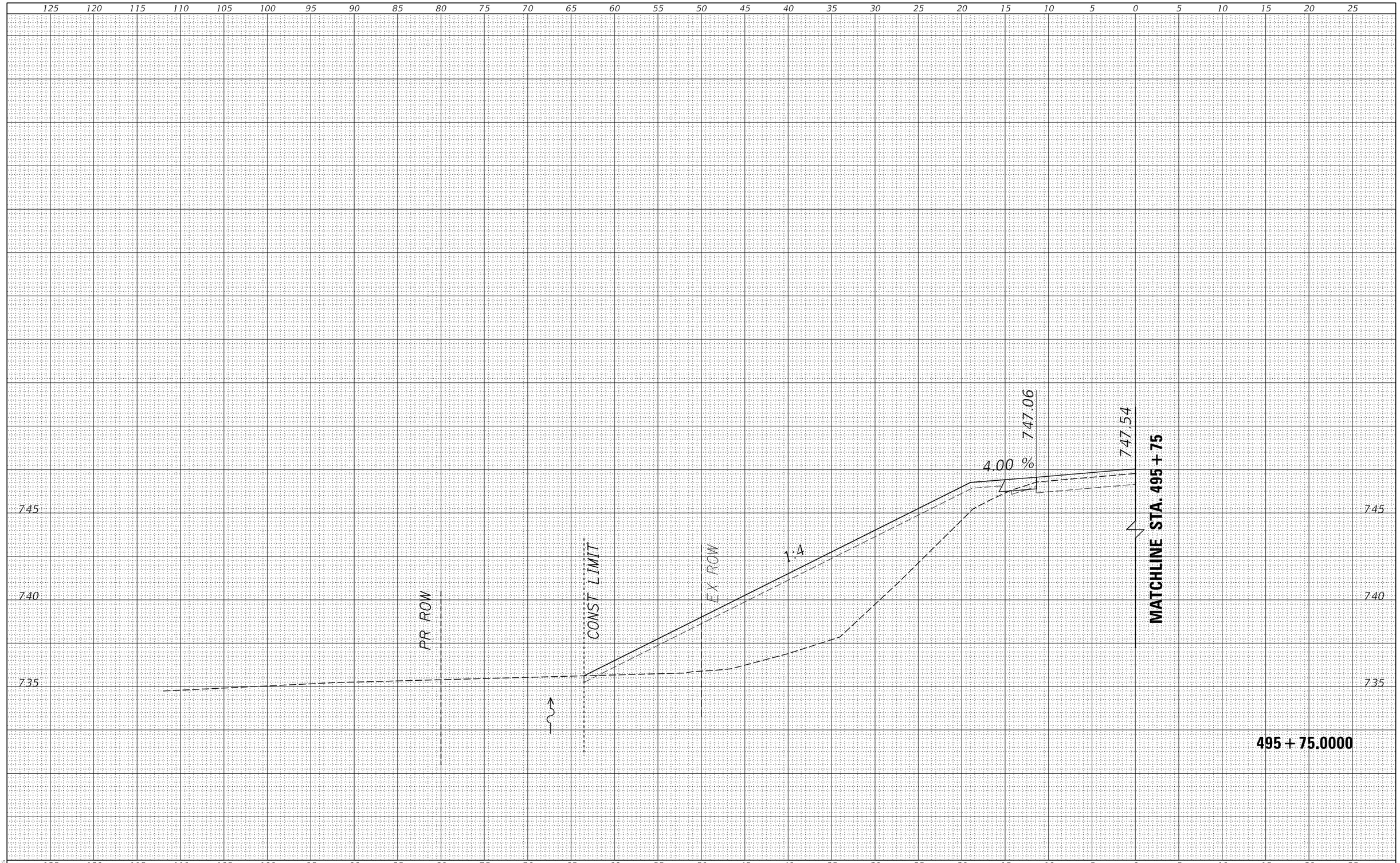
SCALE: 1"=5'H/2.5'V' | SHEET 48 OF 86 SHEETS | STA. 495+25.0000 TO STA. 495+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	122
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

* WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		



USER NAME = $USER$	DESIGNED - JC	REVISED -	**STATE OF ILLINOIS**	**FREEPORT RD MAINLINE CROSS SECTIONS**
	DRAWN - HD	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**S.N. 071–2028**
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -		SCALE: 1"=5'H/2.5'V' | SHEET 49 OF 86 SHEETS | STA. 495+75.0000 TO STA. 495+75.0000
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	123
		CONTRACT NO. 64F57		
		ILLINOIS | FED. AID PROJECT		

* WHITESIDE & OGLE

MODEL: $MODELNAME$
FILE NAME: $FILE$

FINAL SURVEY	
NOTE BOOK	
NO.	

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

BY

DATE

25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125

747.27

747.21

4.00 %

1:4

MATCHLINE STA. 495 + 75

745

740

735

CUT=1.0
FILL=195.4
TOPSOIL=31.3

EX ROW

CONST LIMIT

PR ROW

495 + 75.0000

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

BY

DATE

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 50 OF 86 SHEETS | STA. 495+75.0000 TO STA. 495+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	124
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

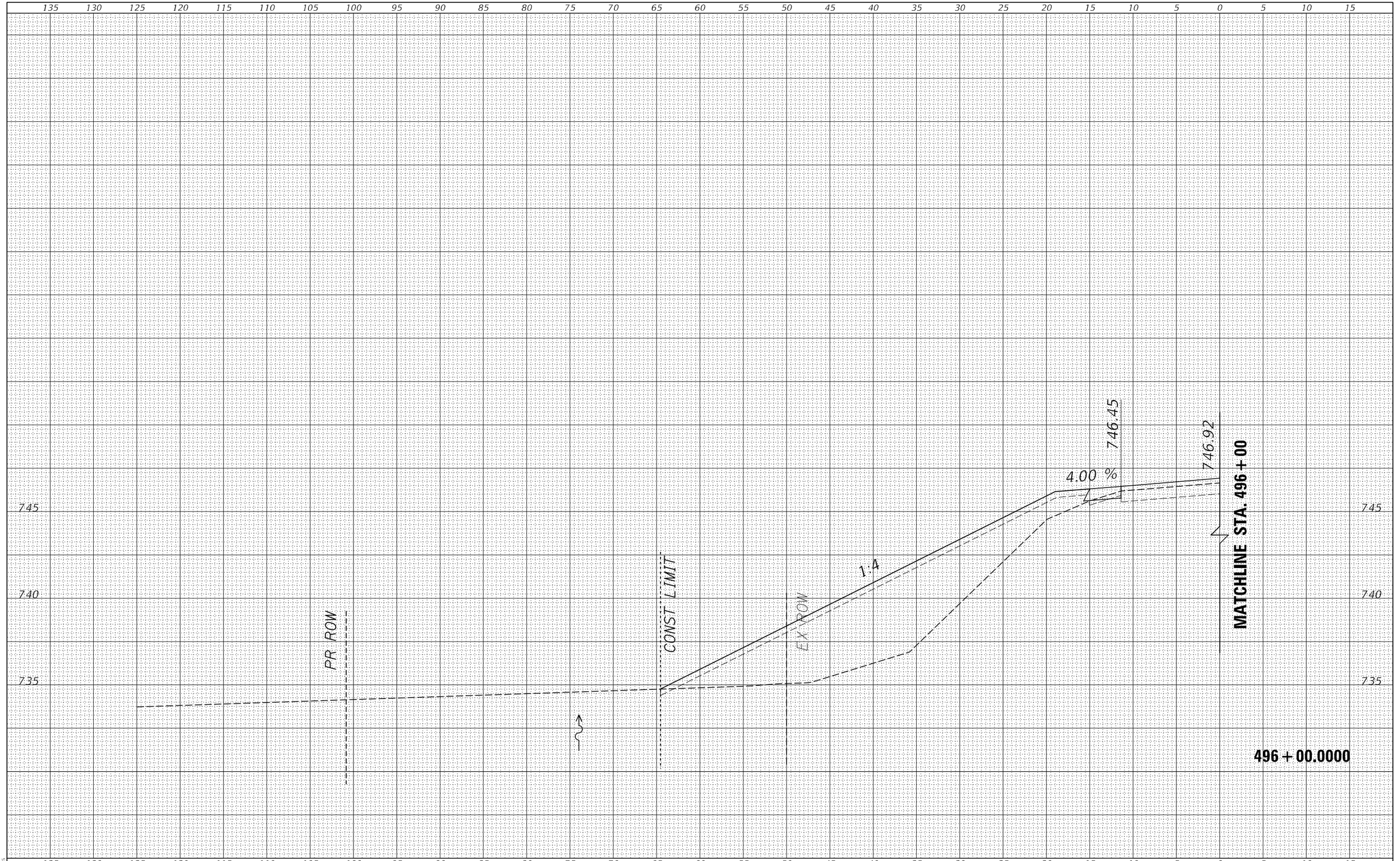
* WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		



MODEL: $MODELNAME$
FILE NAME: $FILE1$

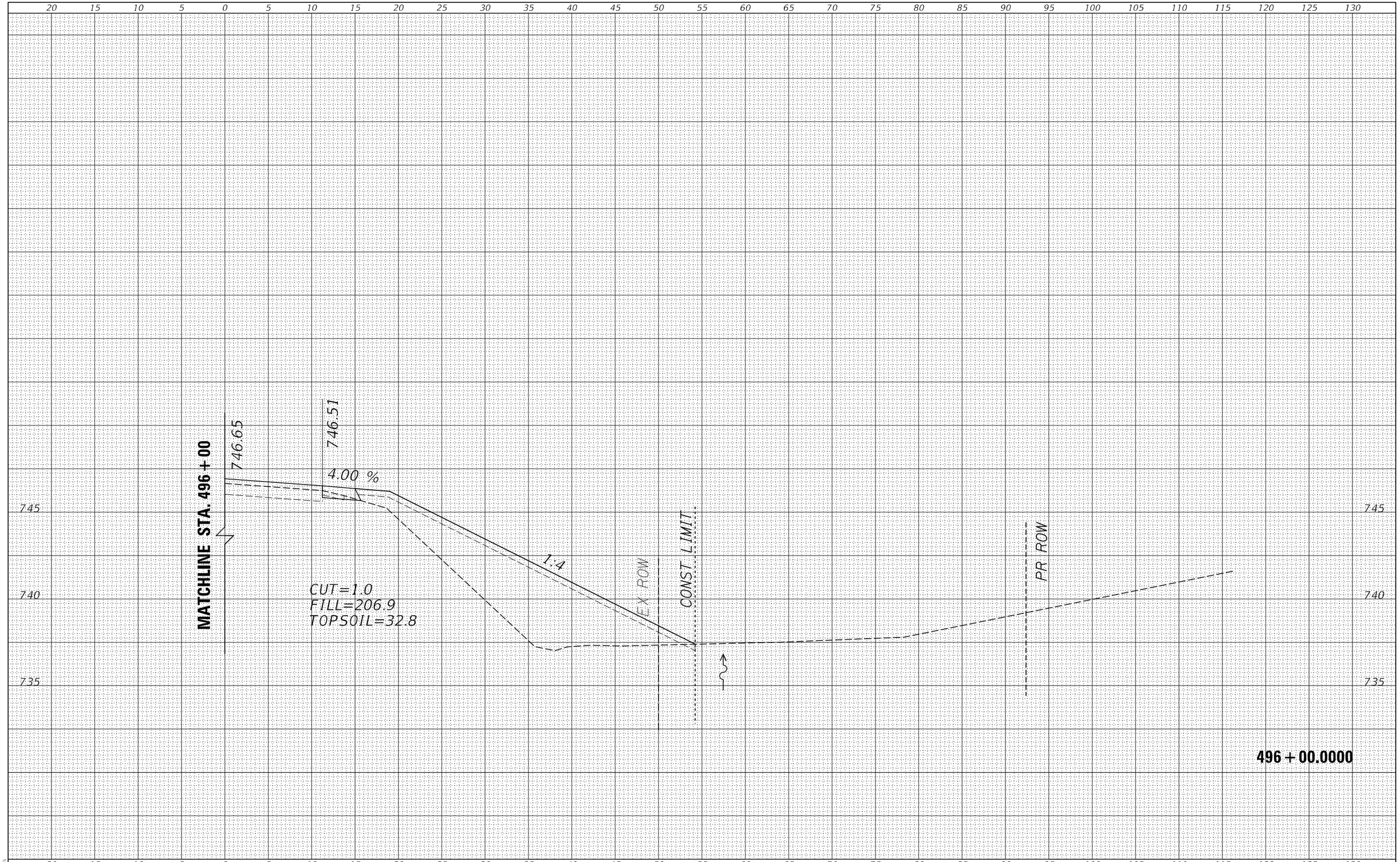
USER NAME = $USER$	DESIGNED - JC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FREEPORT RD MAINLINE CROSS SECTIONS S.N. 071–2028
	DRAWN - HD	REVISED -		
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -		SCALE: 1"=5'H/2.5'V' | SHEET 51 OF 86 SHEETS | STA. 496+00.0000 TO STA. 496+00.0000
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE*	160	125
		CONTRACT NO. 64F57		
		ILLINOIS | FED. AID PROJECT		

* WHITESIDE & OGLE

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

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



USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

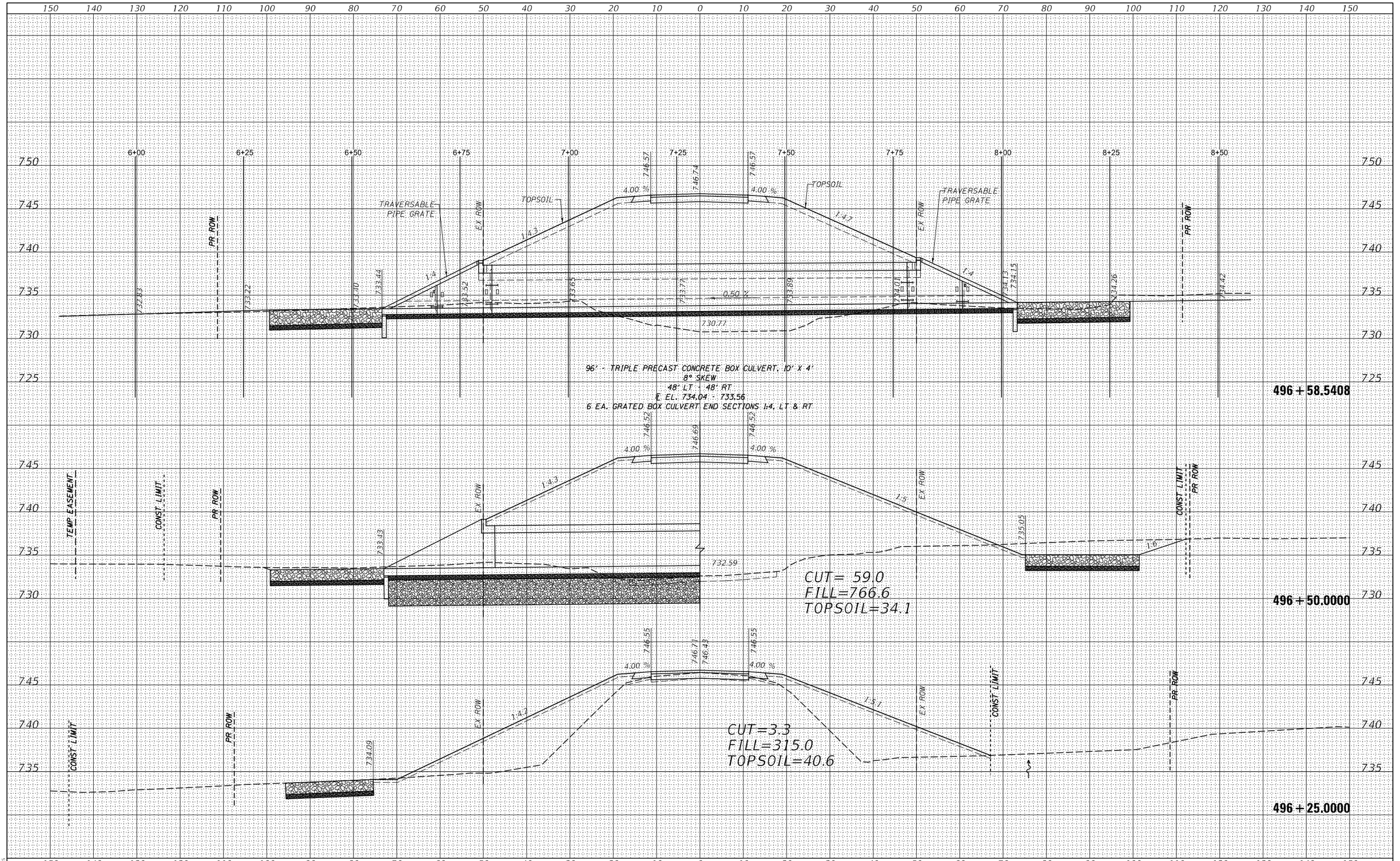
FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 52 OF 86 SHEETS | STA. 496+00.0000 TO STA. 496+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	126
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

† WHITESIDE & OGLE

MODEL: $MODELNAME$
FILE NAME: $FILE1$



USER NAME = $USER$	DESIGNED - JC	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:20	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:18	DATE - 3/14/2023	REVISED -	

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=10'H/5'V | SHEET 53 OF 86 SHEETS | STA. 496+25.0000 TO STA. 496+58.5408

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE & OGLE	160	127
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

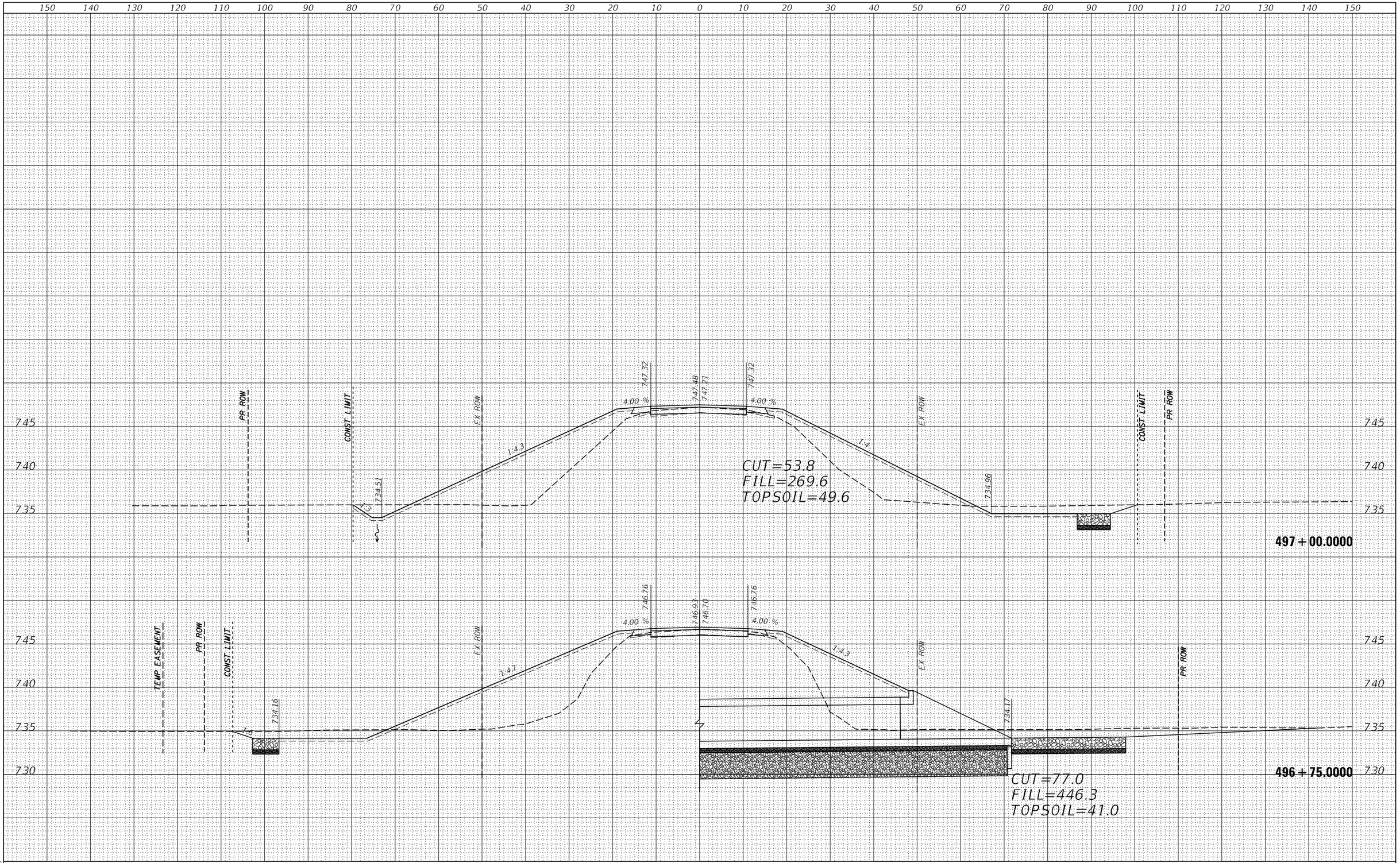
† WHITESIDE & OGLE

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

MODEL: $MODELNAME$
FILE NAME: $FILEIL$

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

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



MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:20	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:18	DATE - 3/14/2023	REVISED -	

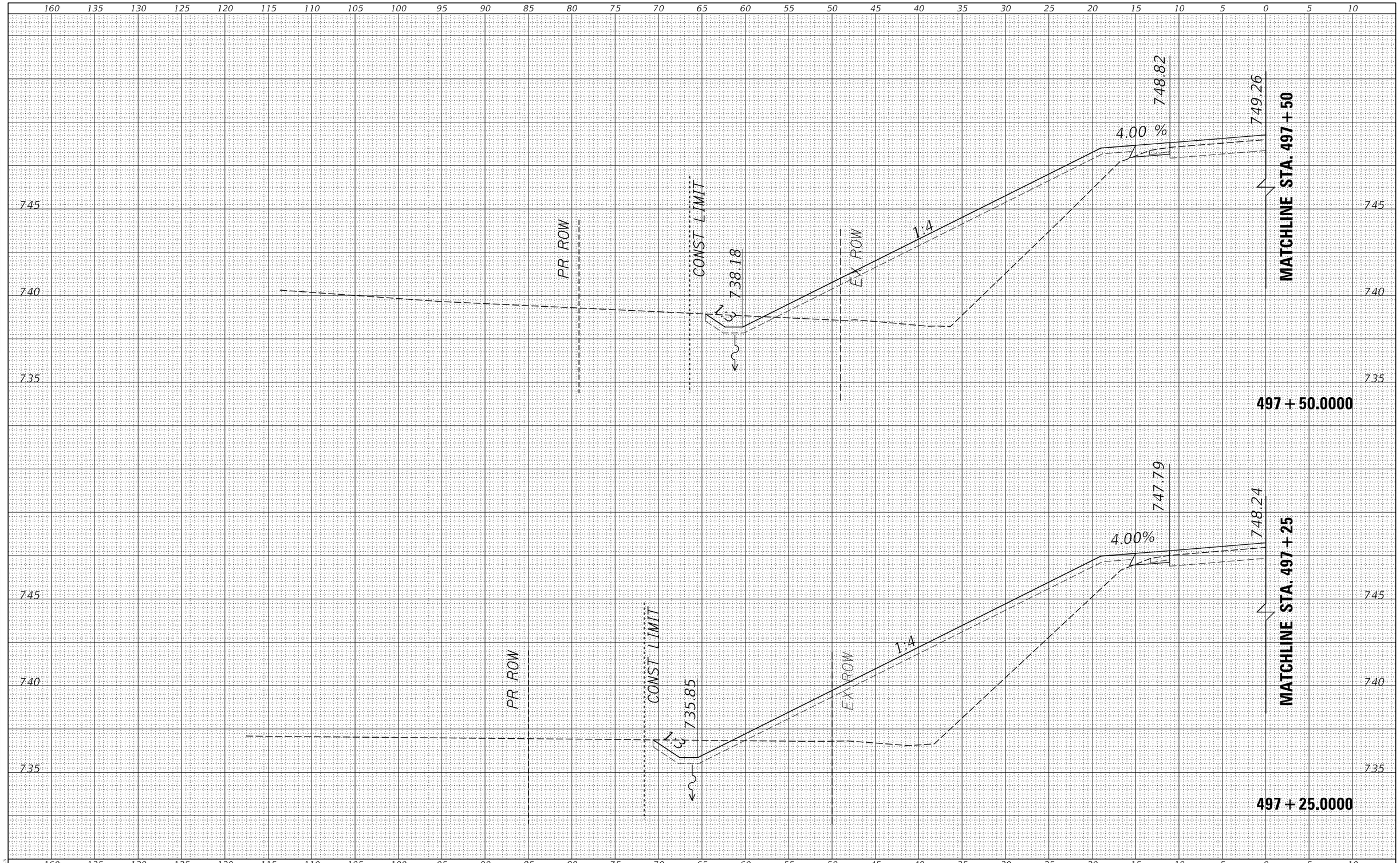
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=10'H/5'V | SHEET 54 OF 86 SHEETS | STA. 496+75.0000 TO STA. 497+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194	115BC	WHITESIDE & OGLE	160	128
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 55 OF 86 SHEETS | STA. 497+25.0000 TO STA. 497+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Z194 & 189	115BC	WHITESIDE & OGLE	160	129
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

† WHITESIDE & OGLE

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

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

10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 160

MATCHLINE STA. 497+50

748.99

748.92

4.00 %

1:4

CUT=7.5
FILL=221.0
TOPSOIL=35.3

EX ROW

CONST LIMIT

PR ROW

745

740

735

497+50.0000

MATCHLINE STA. 497+25

747.97

747.93

4.00 %

1:4

CUT=11.0
FILL=244.1
TOPSOIL=38.1

EX ROW

CONST LIMIT

PR ROW

745

740

735

497+25.0000

10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 160

MODEL: $MODELNAME$
FILE NAME: $FILEL$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

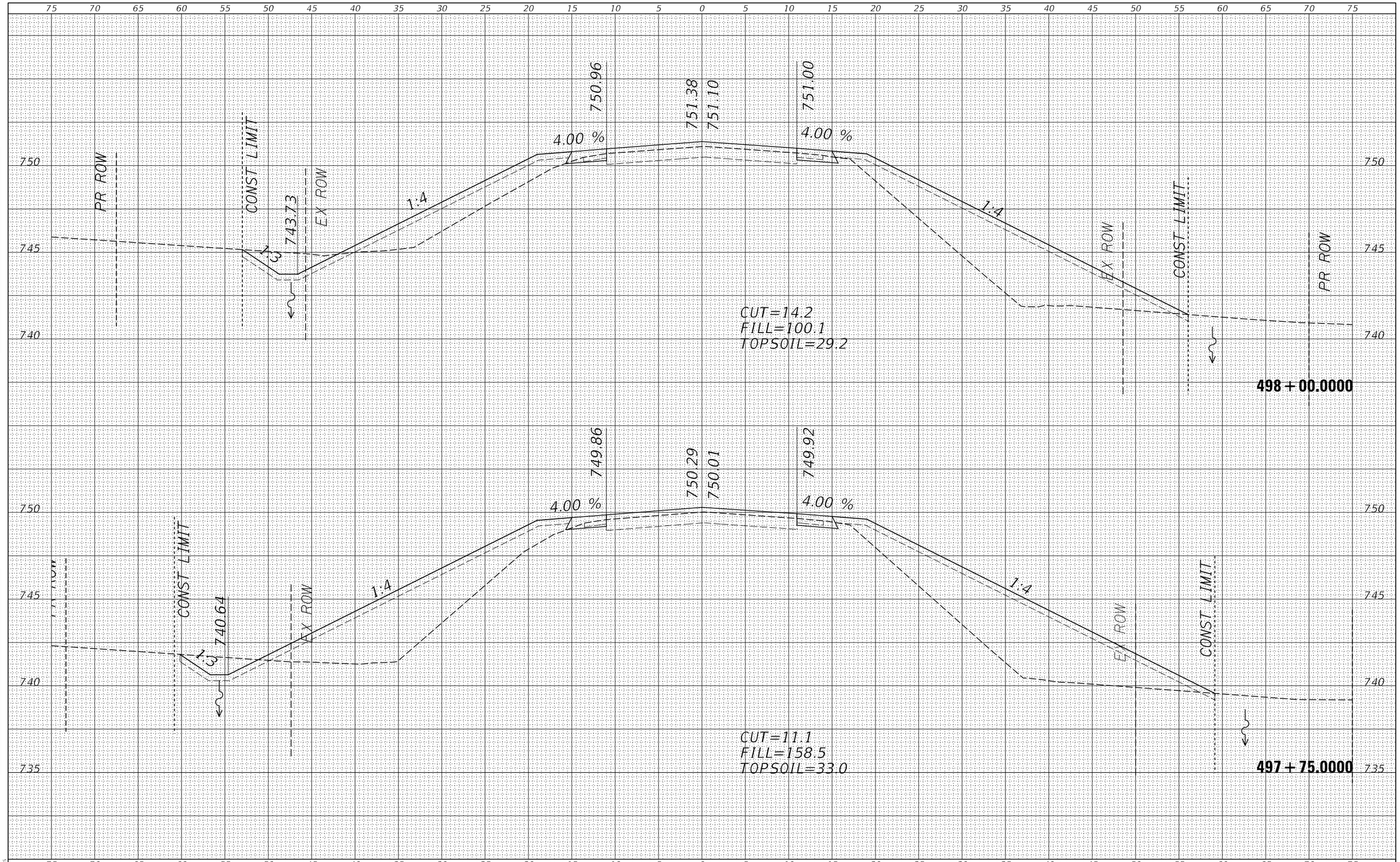
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 56 OF 86 SHEETS | STA. 497+25.0000 TO STA. 497+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE*	160	130
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 57 OF 86 SHEETS | STA. 497+75.0000 TO STA. 498+00.0000

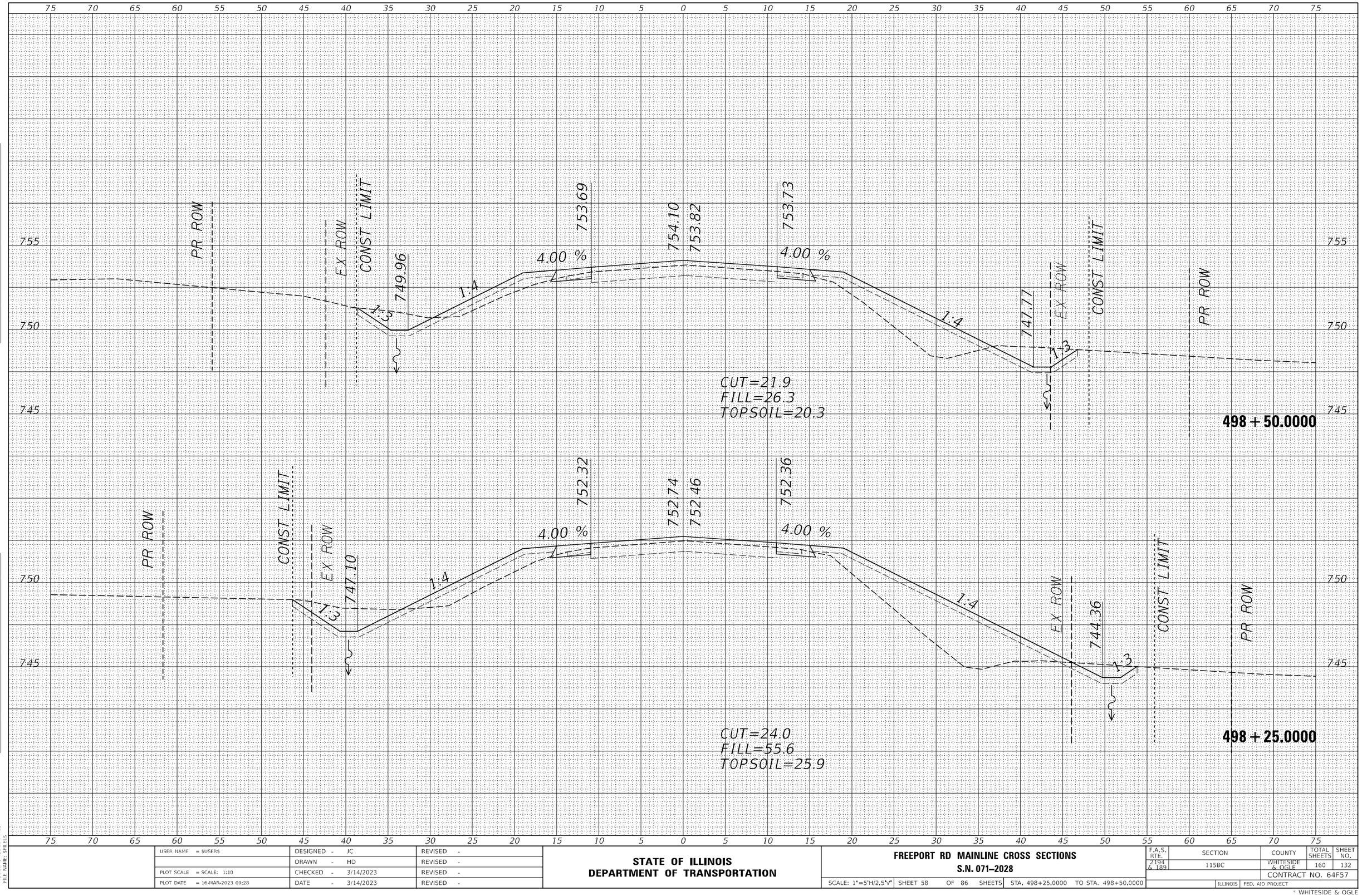
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	131
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

* WHITESIDE & OGLE

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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIL$



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - 3/14/2023	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

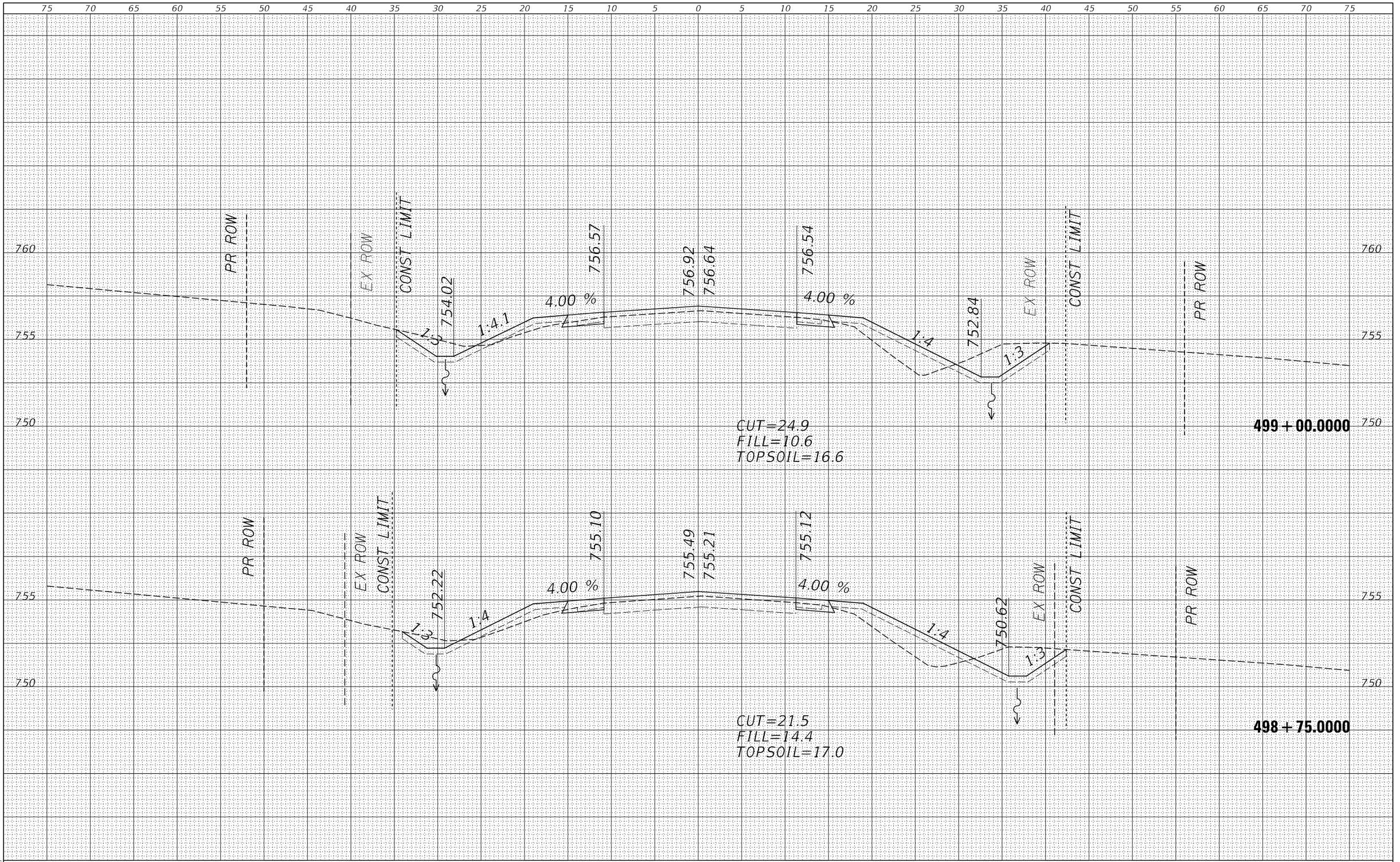
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 58 OF 86 SHEETS | STA. 498+25.0000 TO STA. 498+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	132
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

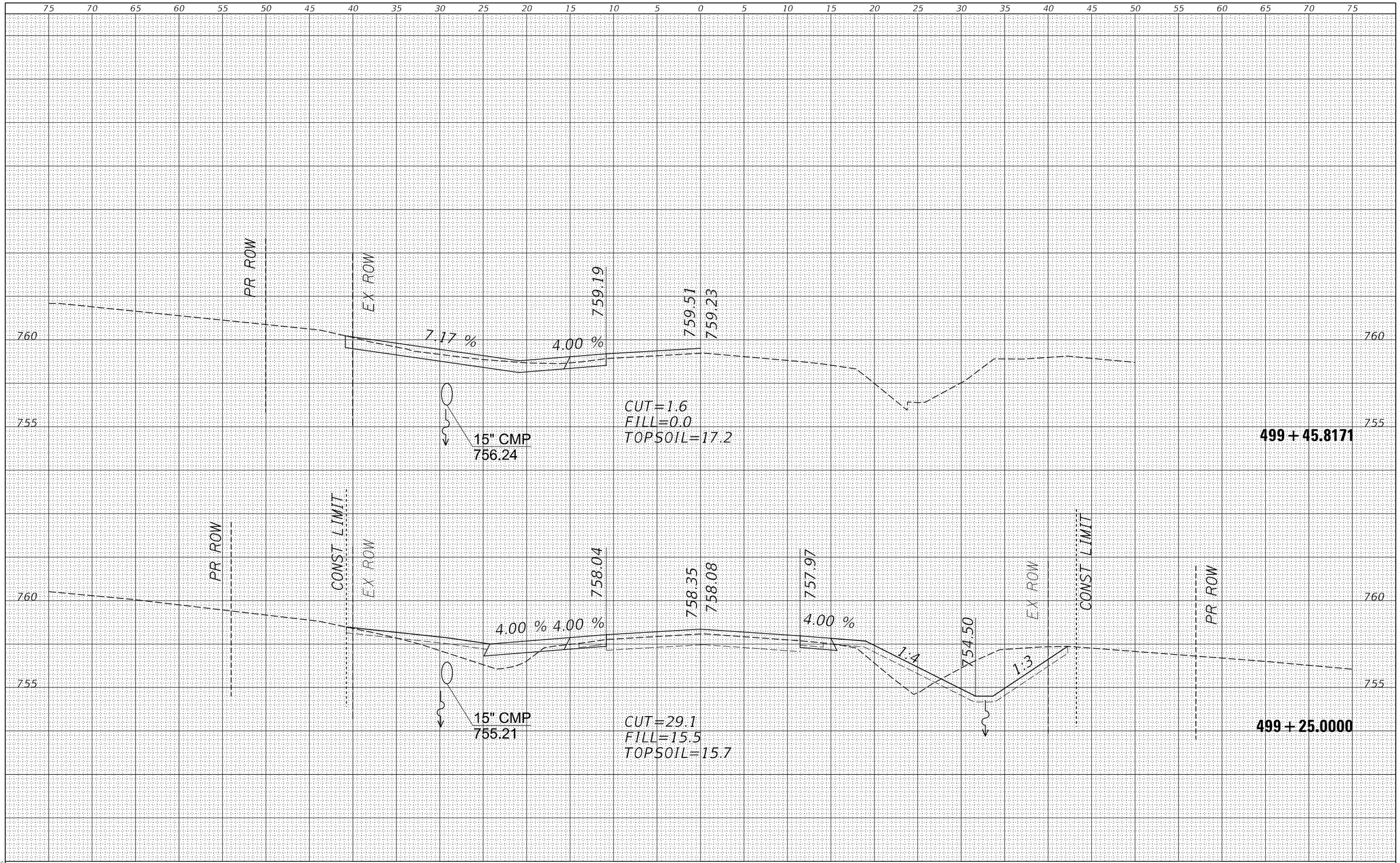
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 59 OF 86 SHEETS | STA. 498+75.0000 TO STA. 499+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	133
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

BY	DATE

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

BY	DATE

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -

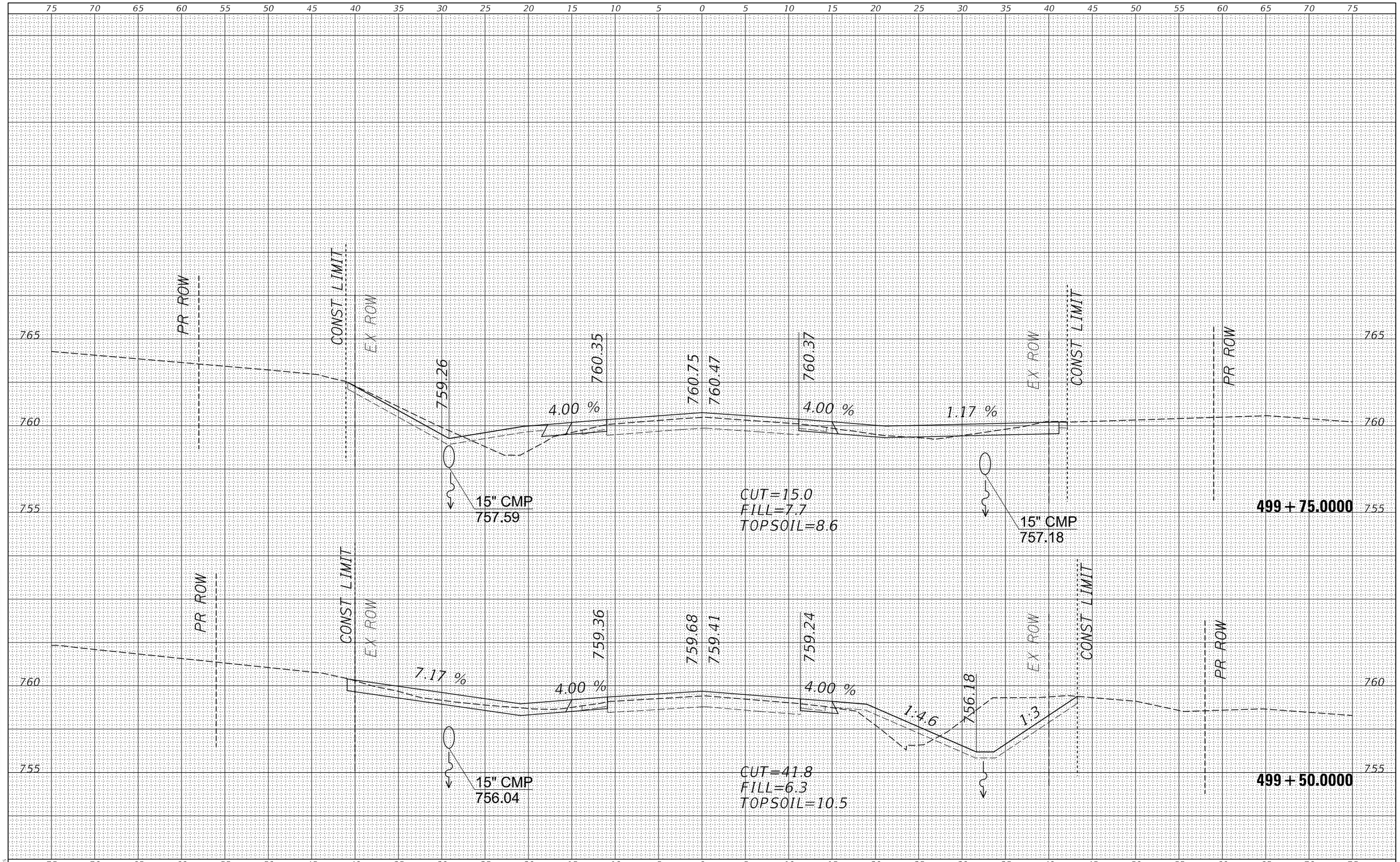
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 60 OF 86 SHEETS | STA. 499+25.0000 TO STA. 499+45.8171

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	134
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



FINAL SURVEY

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

ORIGINAL SURVEY

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

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:28	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

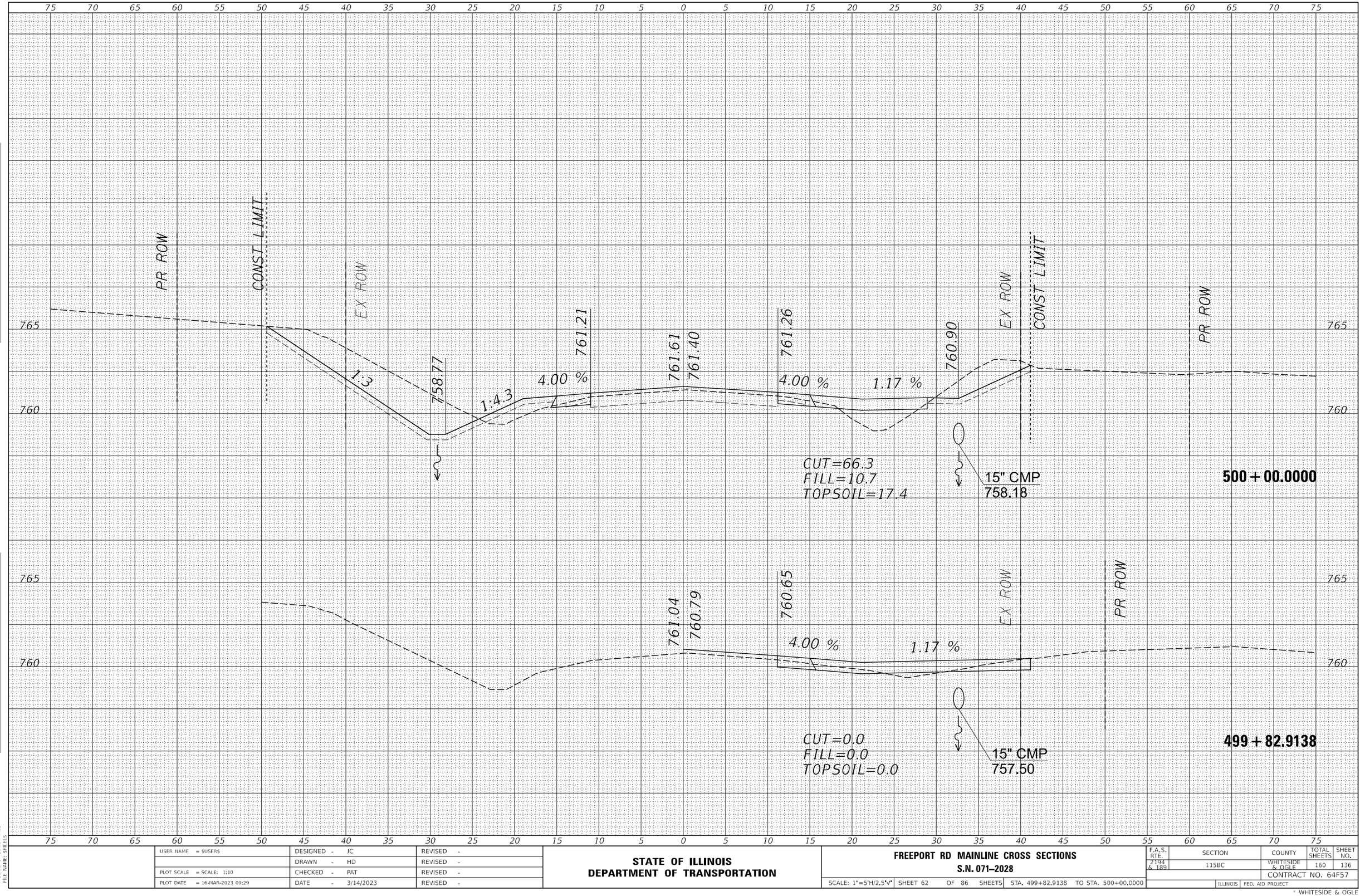
SCALE: 1"=5'H/2.5'V' | SHEET 61 OF 86 SHEETS | STA. 499+50.0000 TO STA. 499+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	135
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

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



MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

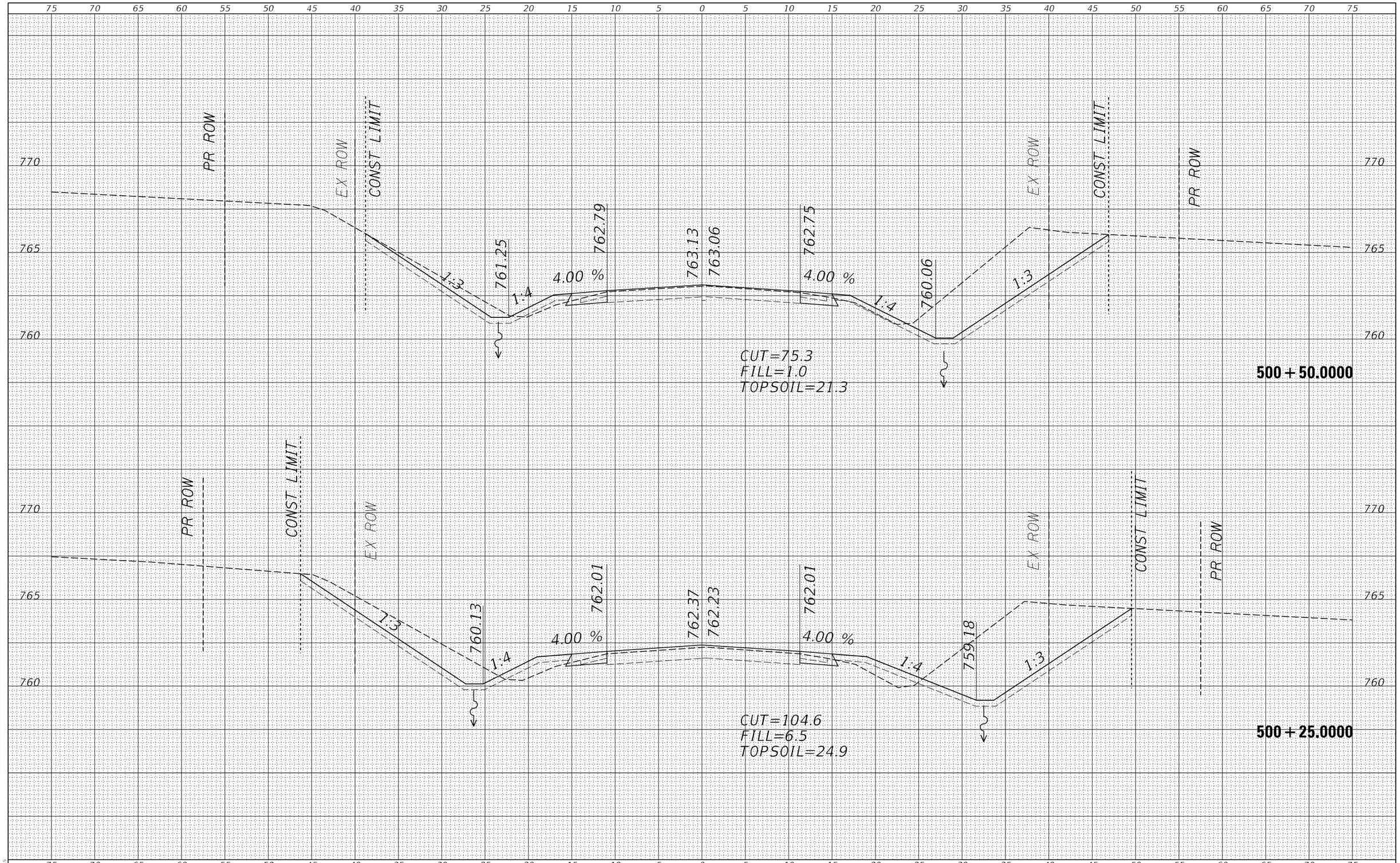
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 62 OF 86 SHEETS | STA. 499+82.9138 TO STA. 500+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	136
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



FINAL SURVEY

NOTE BOOK	BY	DATE
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY

NOTE BOOK	BY	DATE
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 63 OF 86 SHEETS | STA. 500+25.0000 TO STA. 500+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	137
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

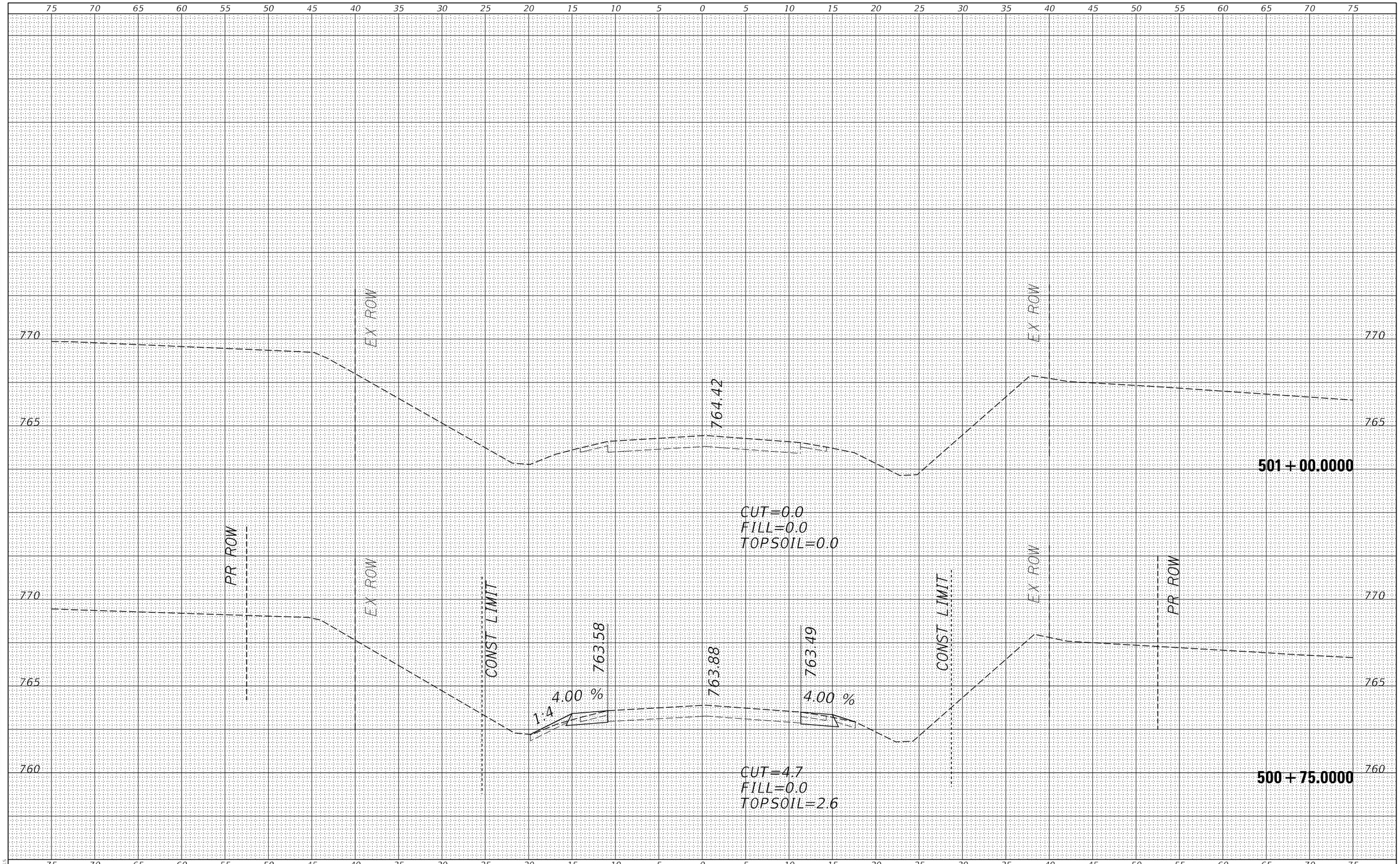
* WHITESIDE & OGLE

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

BY	DATE

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

BY	DATE



MODEL: $MODELNAME$
FILE NAME: $FILES

USER NAME = $USER$	DESIGNED -	REVISED -
	DRAWN - JC	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5"V' | SHEET 64 OF 86 SHEETS | STA. 500+75.0000 TO STA. 501+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	138
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

† WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

770

765

EX ROW

765.47

EX ROW

770

765

501 + 50.0000

CUT=0.0
FILL=0.0
TOPSOIL=0.0

770

765

EX ROW

764.97

EX ROW

770

765

501 + 25.0000

CUT=0.0
FILL=0.0
TOPSOIL=0.0

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

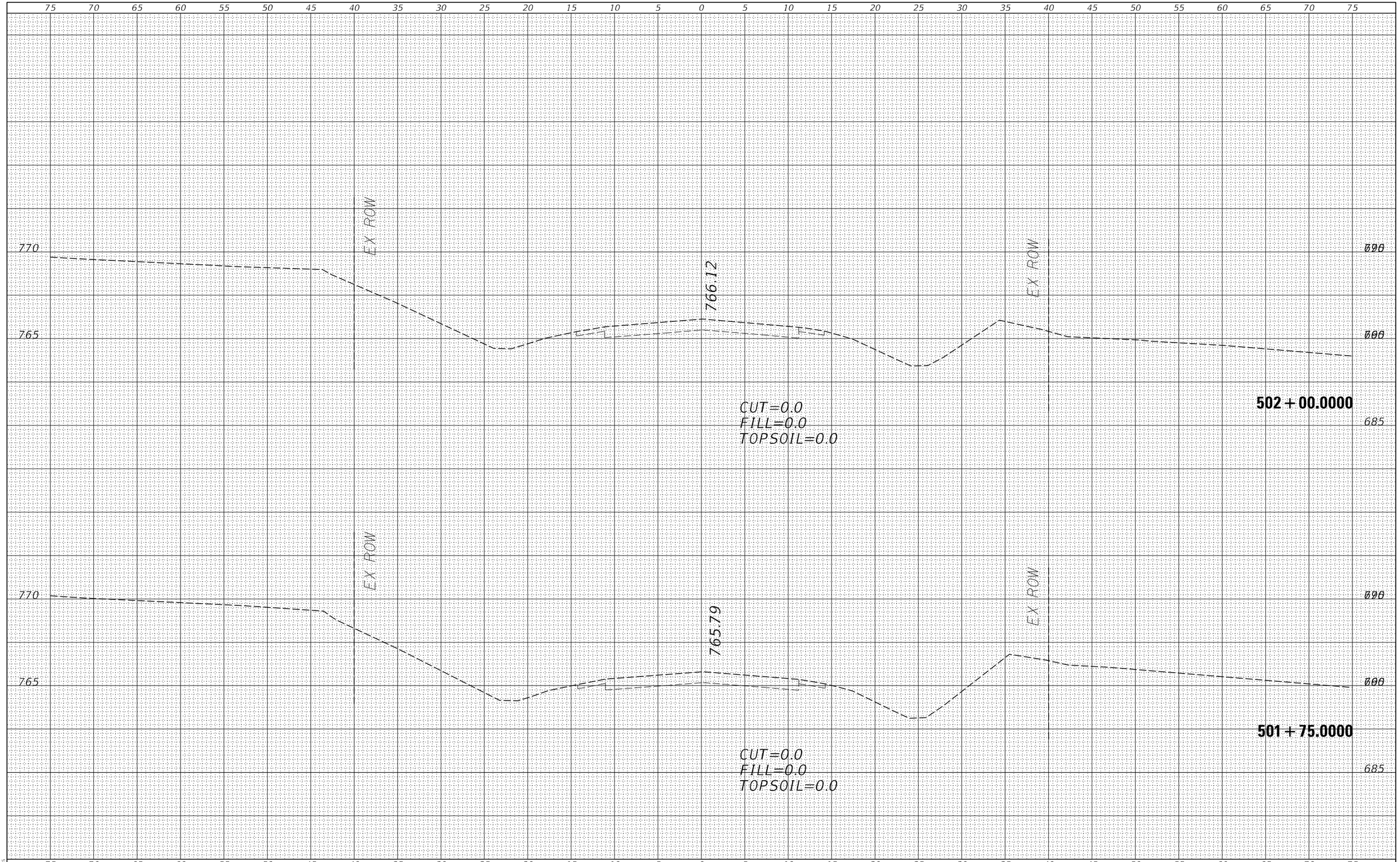
FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 65 OF 86 SHEETS | STA. 501+25.0000 TO STA. 501+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	139
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD MAINLINE CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 66 OF 86 SHEETS | STA. 501+75.0000 TO STA. 502+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	140
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

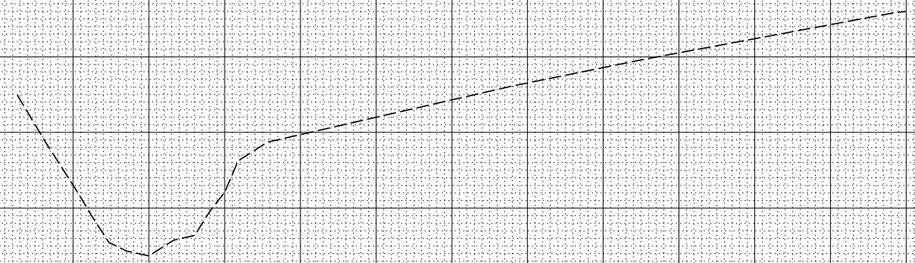
† WHITESIDE & OGLE

FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	BY	
		SURVEYED
		PLOTTED
		TEMPLATE
		AREAS
		AREAS CHECKED

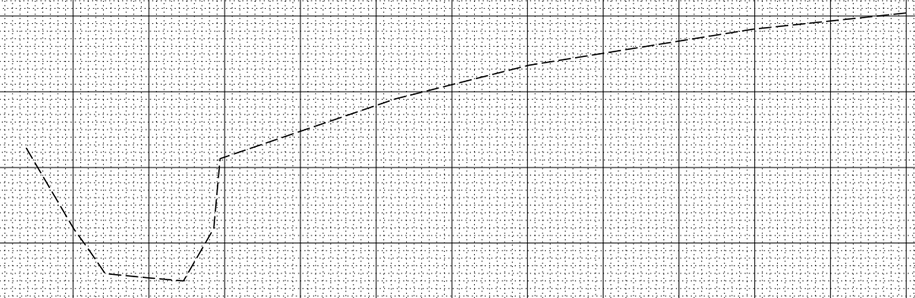
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

695
690
685



CUT=0.0
FILL=0.0
TOPSOIL=0.0

5+25.0000



CUT=0.0
FILL=0.0
TOPSOIL=0.0

5+00.0000

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

DATE	BY	
		SURVEYED
		PLOTTED
		TEMPLATE
		AREAS
		AREAS CHECKED

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

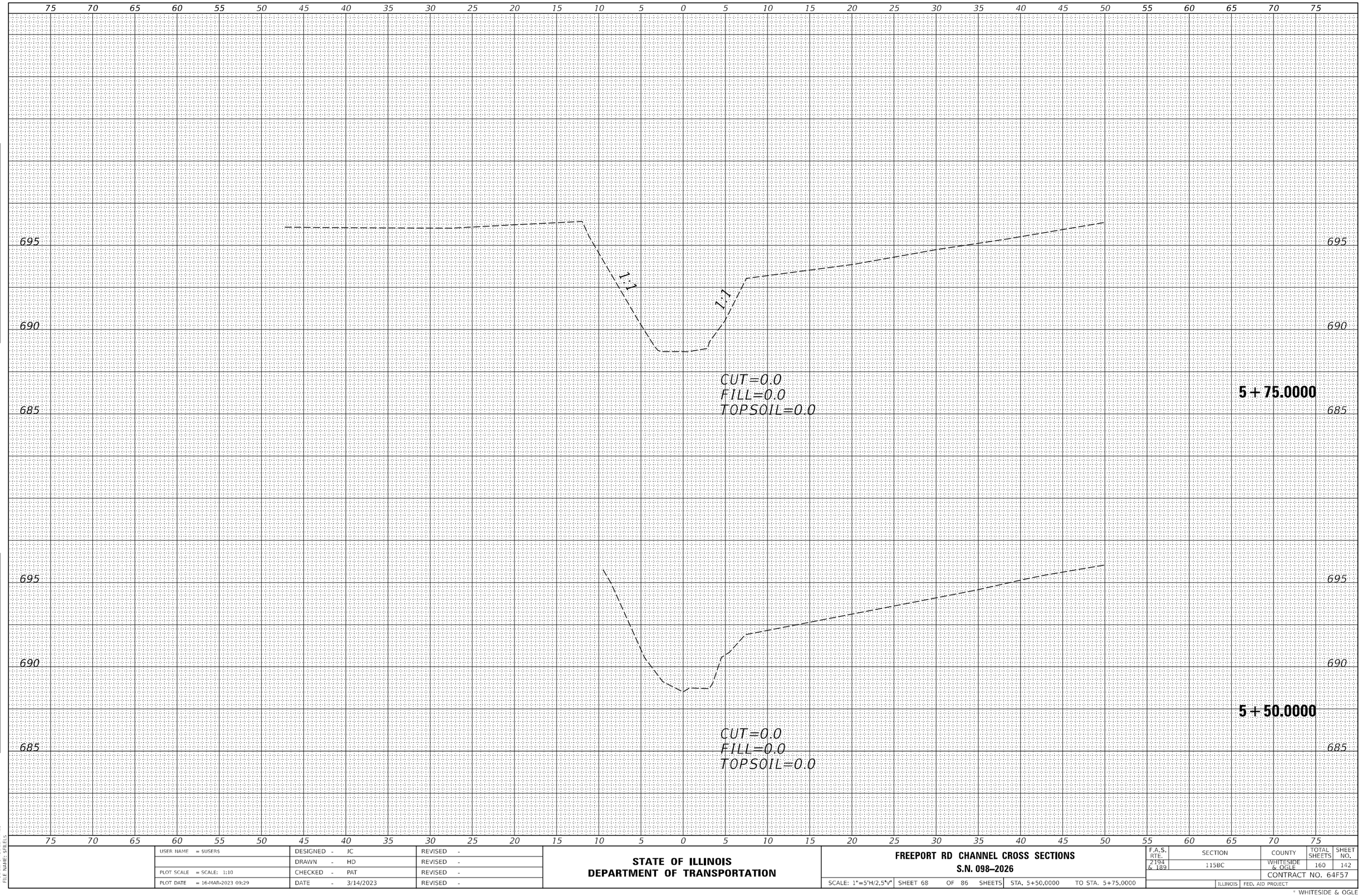
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 67 OF 86 SHEETS | STA. 5+0.0000 | TO STA. 5+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	141
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

BY	DATE

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

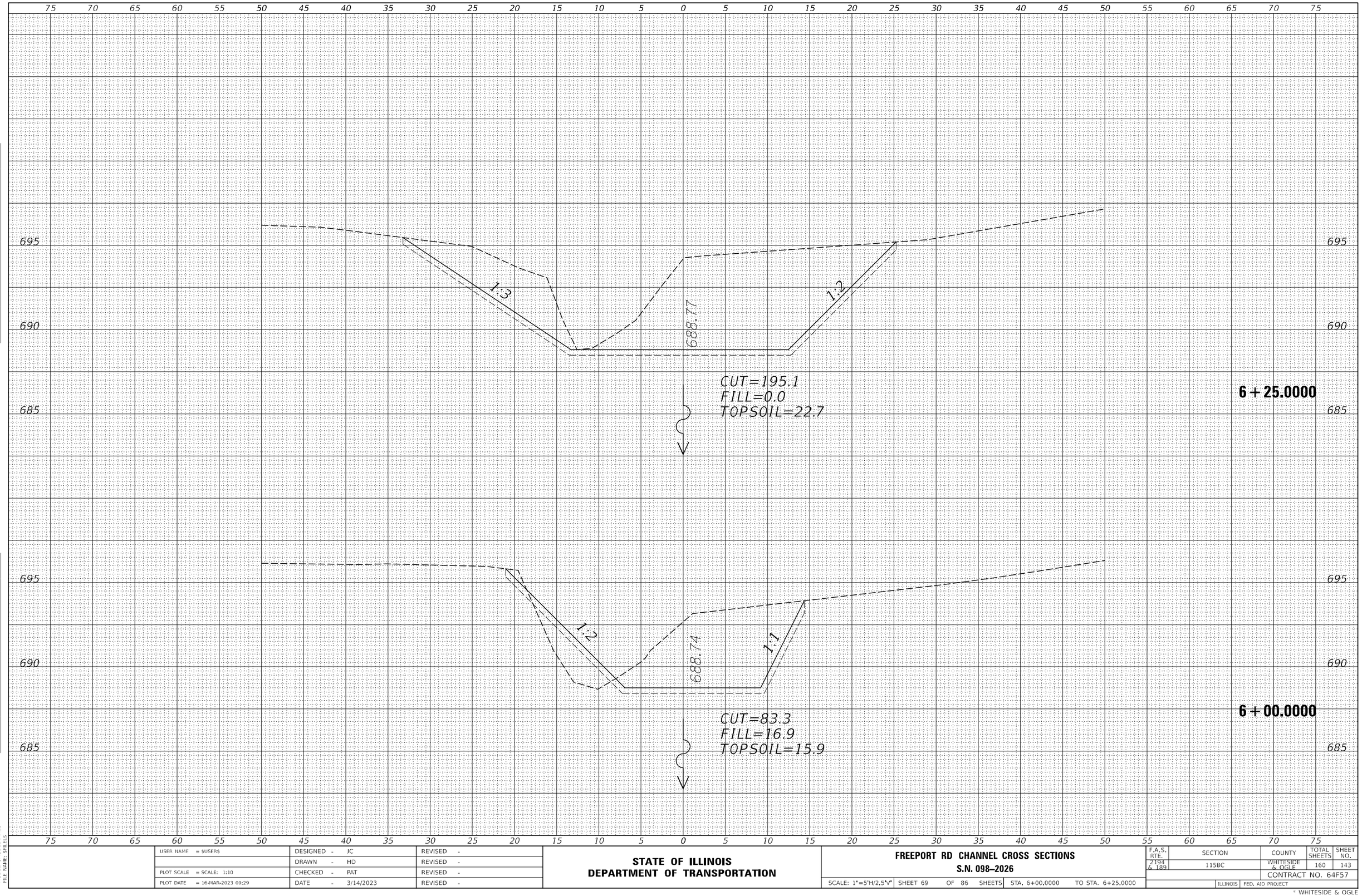
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 68 OF 86 SHEETS | STA. 5+50.0000 | TO STA. 5+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	142
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



FINAL SURVEY

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

ORIGINAL SURVEY

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

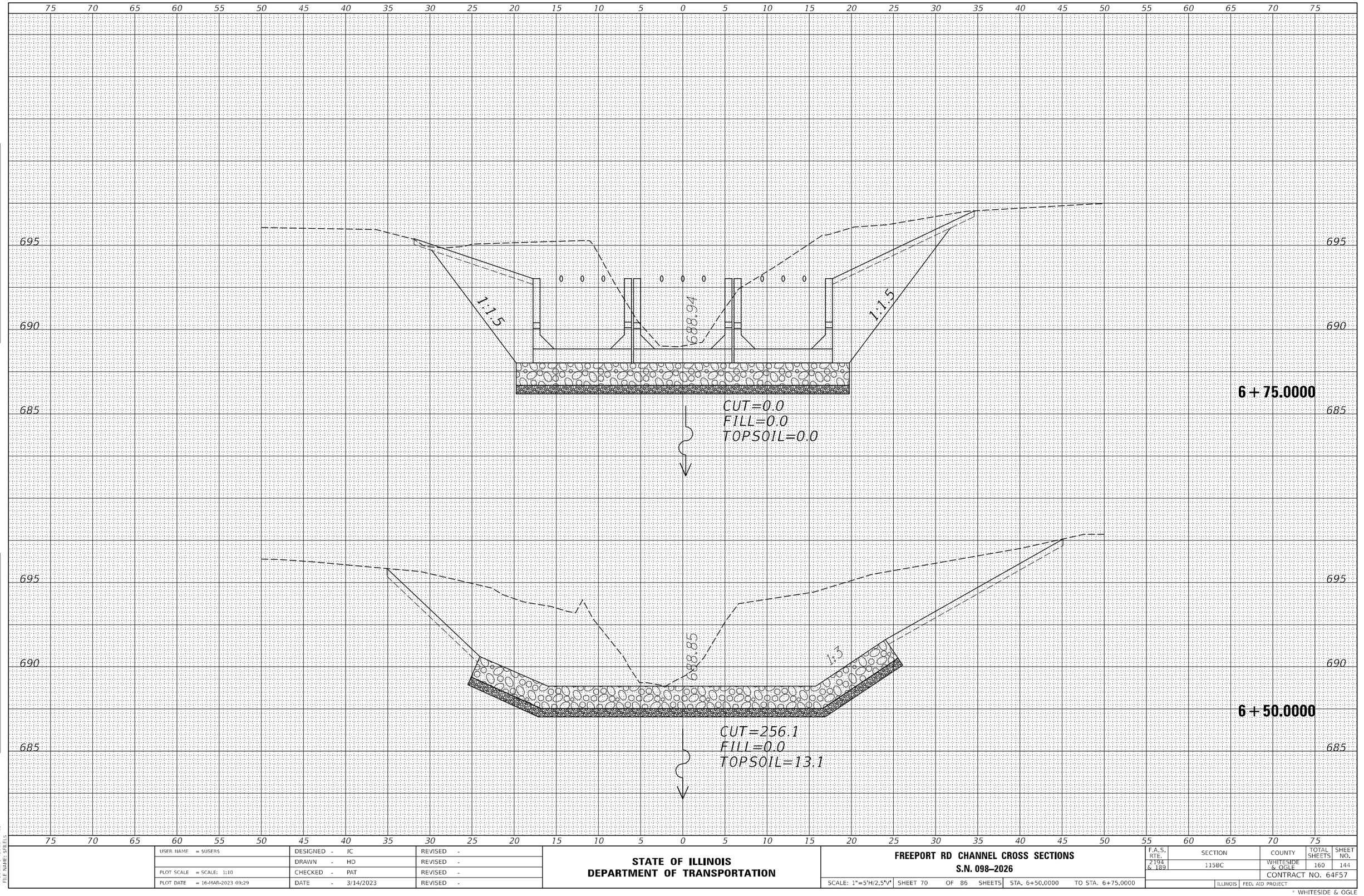
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 69 OF 86 SHEETS | STA. 6+00.0000 | TO STA. 6+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	143
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

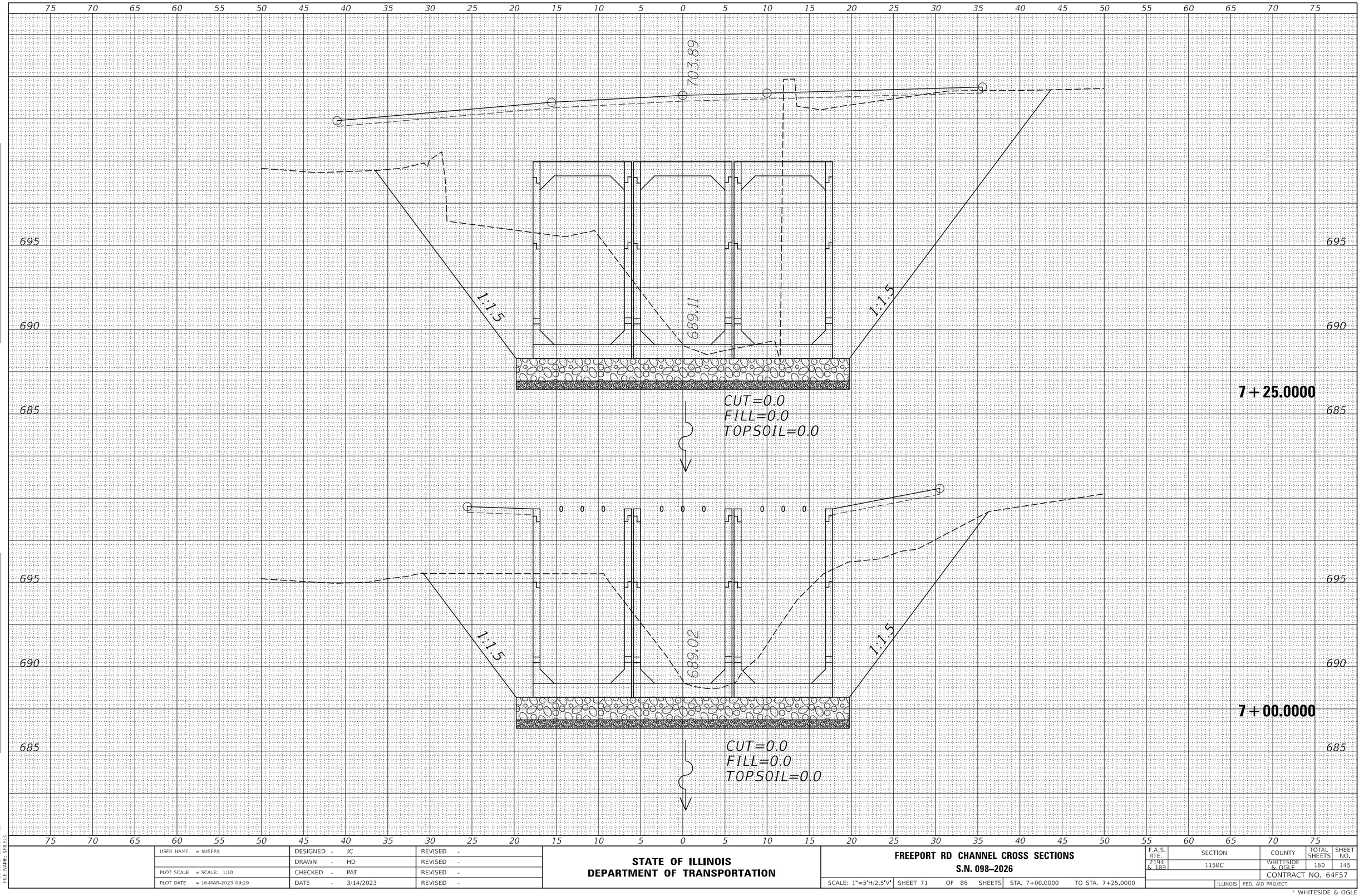
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 70 OF 86 SHEETS | STA. 6+50.0000 | TO STA. 6+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	144
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

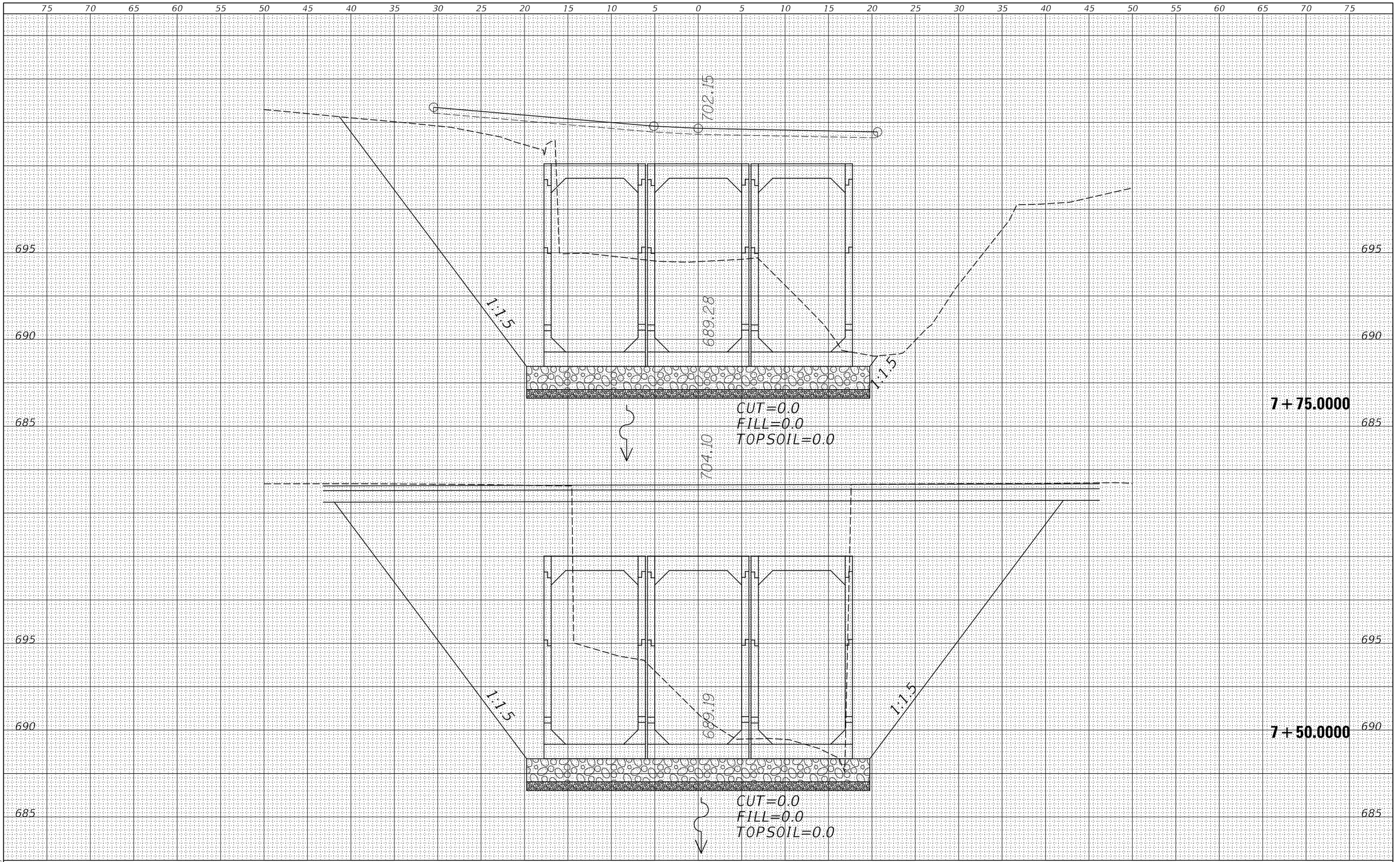
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 71 OF 86 SHEETS | STA. 7+00.0000 | TO STA. 7+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	145
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



FINAL SURVEY

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

ORIGINAL SURVEY

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

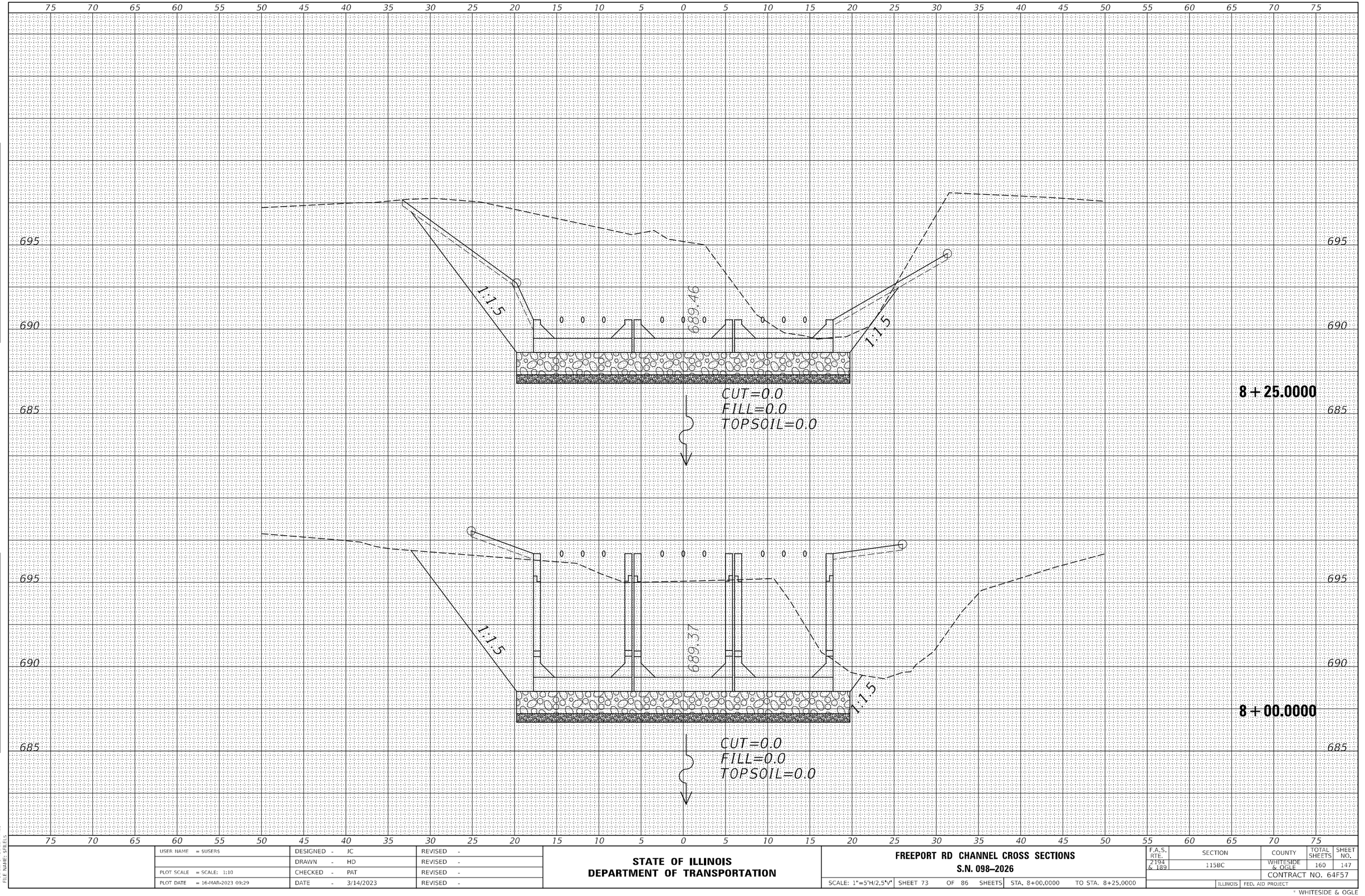
FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 72 OF 86 SHEETS | STA. 7+50.0000 TO STA. 7+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	146
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

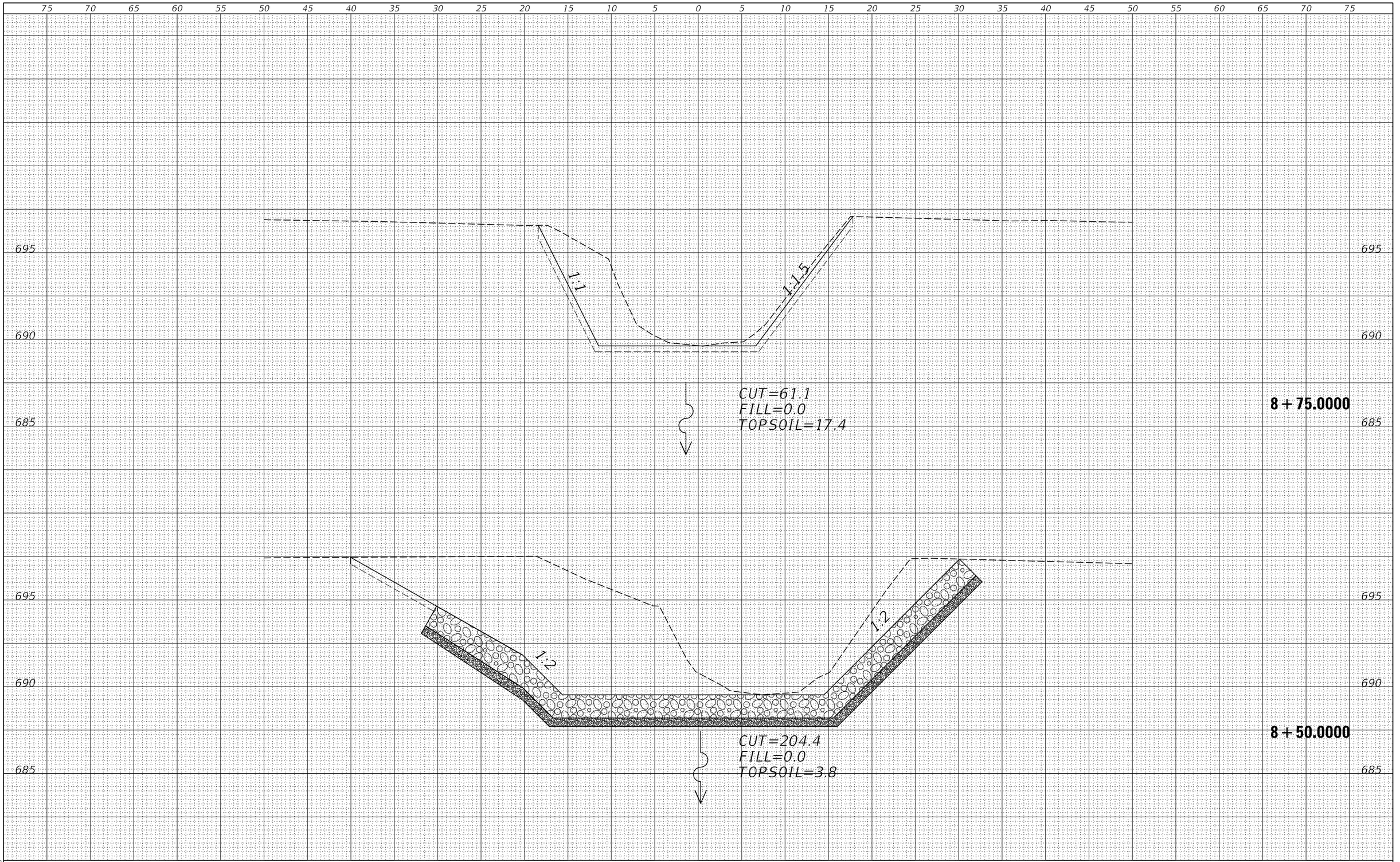
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 73 OF 86 SHEETS | STA. 8+00.0000 TO STA. 8+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	147
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

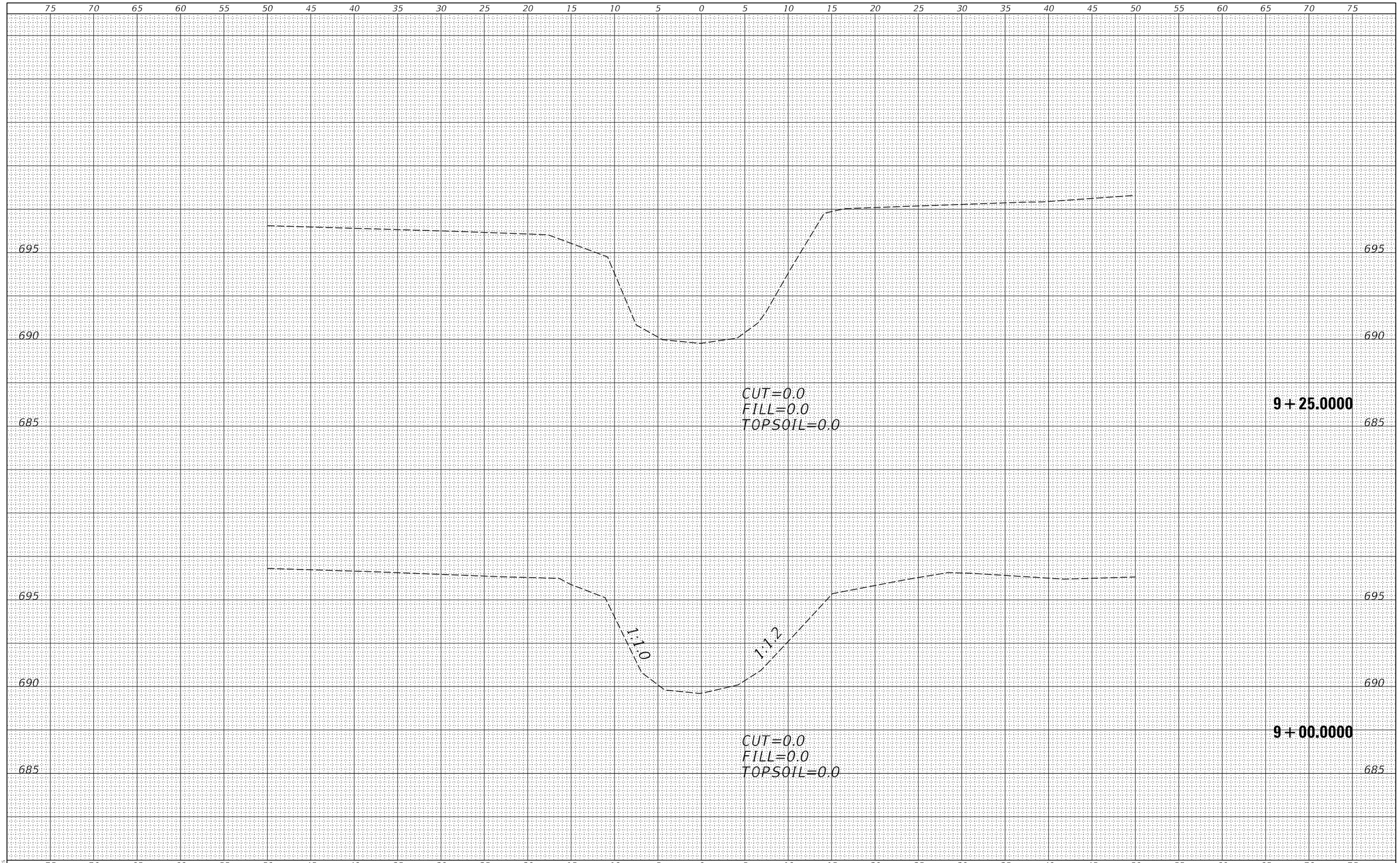
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 74 OF 86 SHEETS | STA. 8+50.0000 TO STA. 8+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	148
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

BY | DATE

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

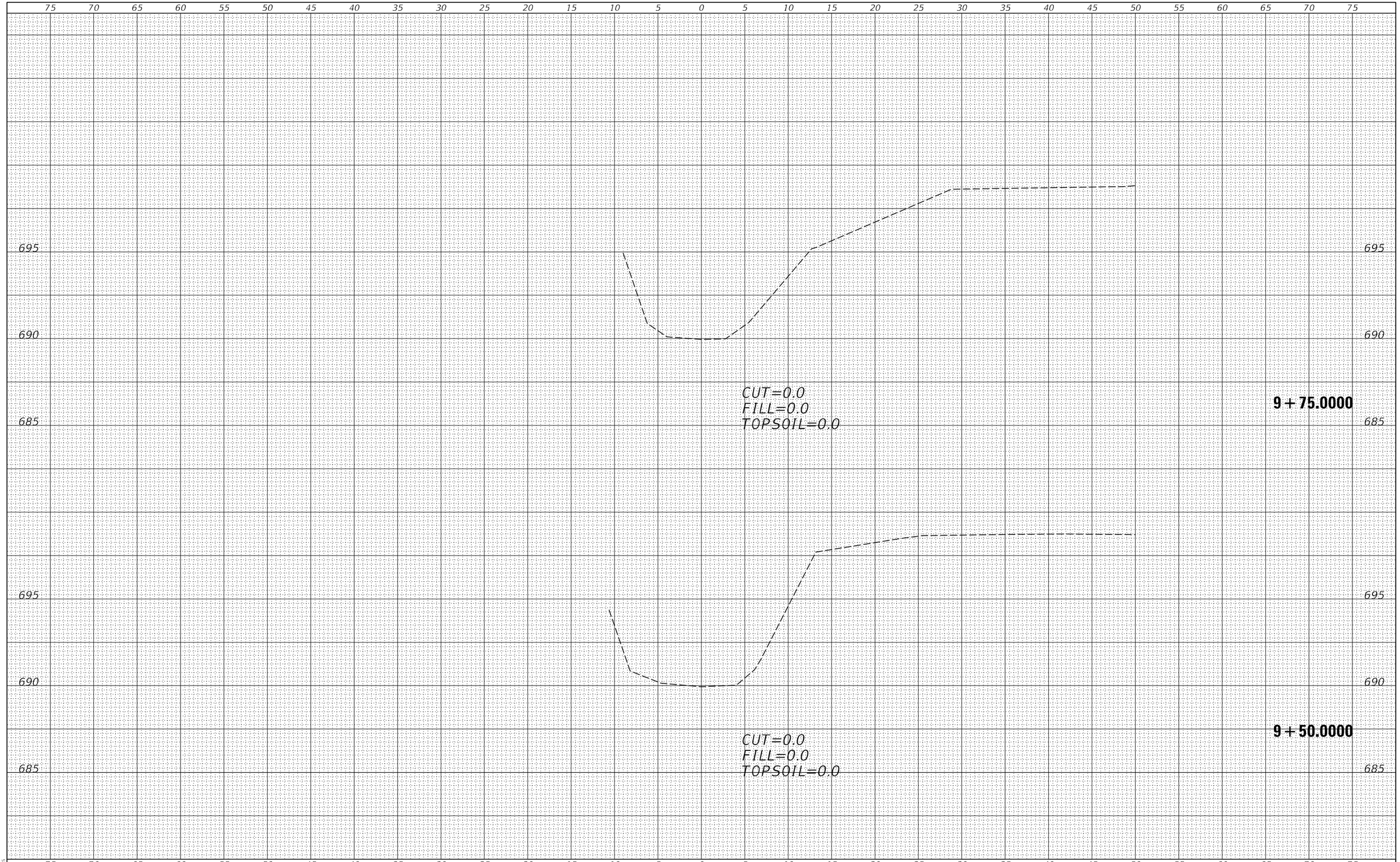
FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 75 OF 86 SHEETS | STA. 9+00.0000 TO STA. 9+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	149
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

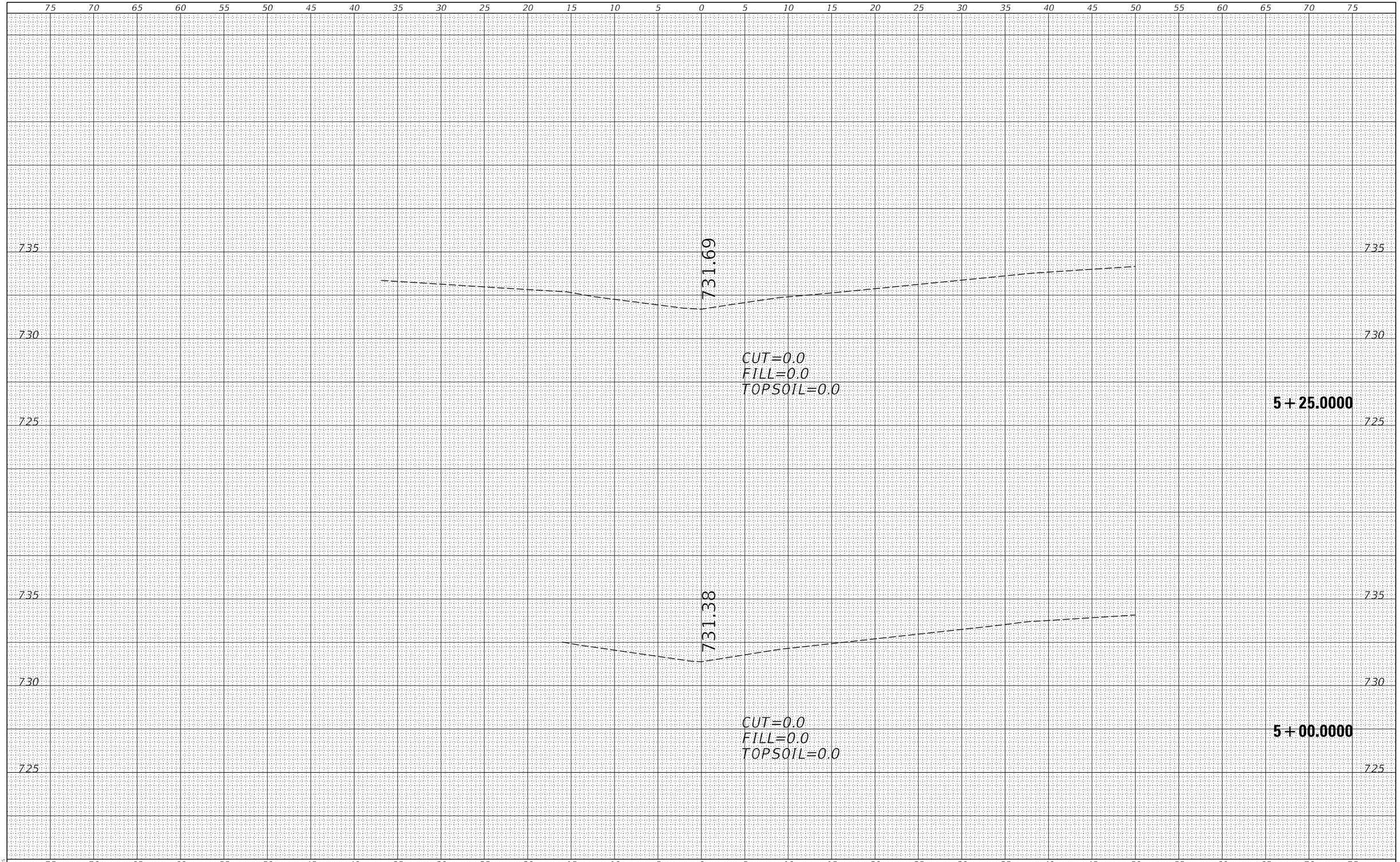
FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 098–2026

SCALE: 1"=5'H/2.5'V' | SHEET 76 OF 86 SHEETS | STA. 9+50.0000 | TO STA. 9+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	150
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

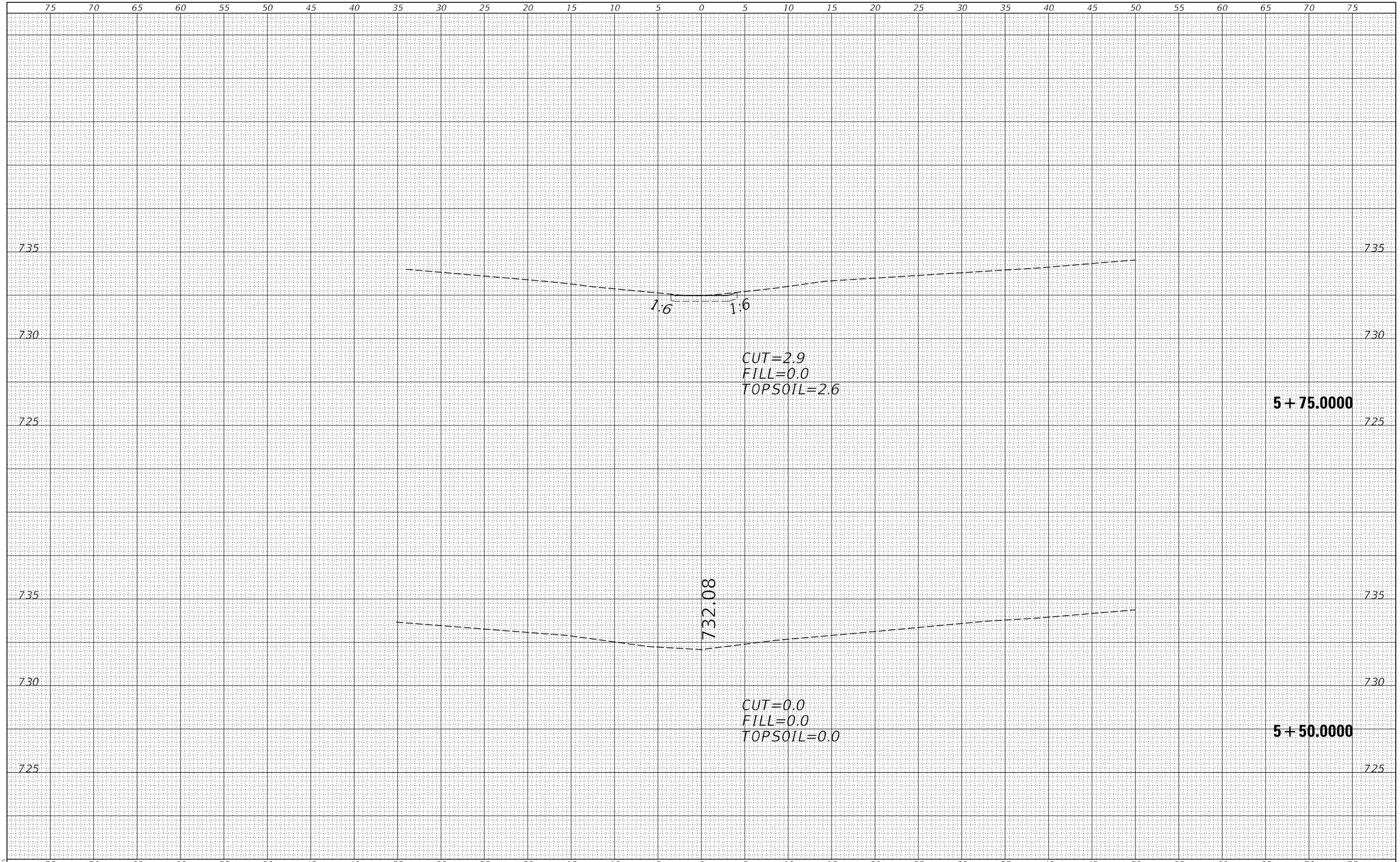
FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071–2028

SCALE: 1"=5'H/2.5'V' | SHEET 77 OF 86 SHEETS | STA. 5+00.0000 TO STA. 5+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	151
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

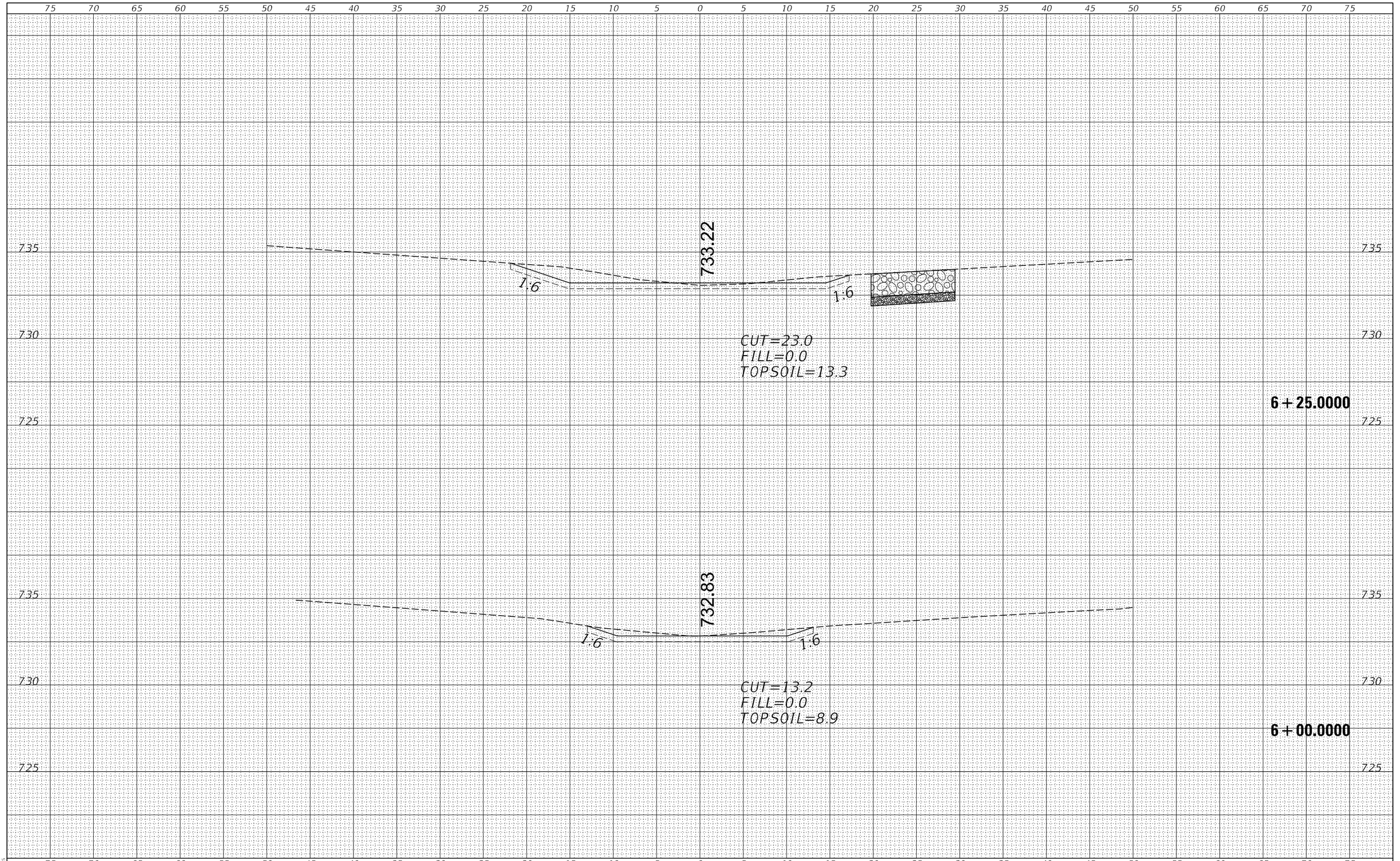
FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 78 OF 86 SHEETS | STA. 5+50.0000 TO STA. 5+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	152
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

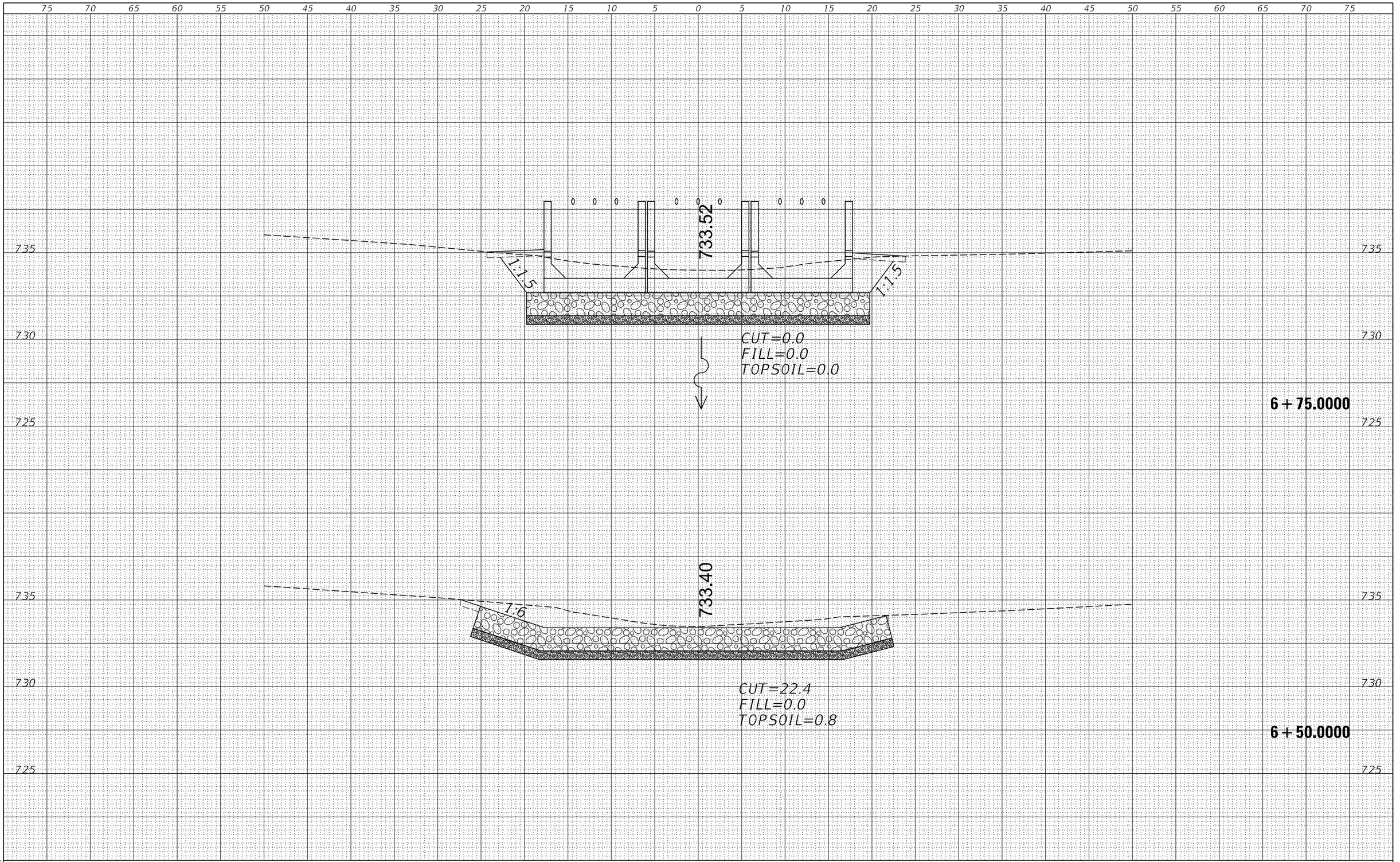
FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 79 OF 86 SHEETS | STA. 6+00.0000 | TO STA. 6+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	153
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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



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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 80 OF 86 SHEETS | STA. 6+50.0000 TO STA. 6+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	154
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

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

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

746.66

1:1.5

733.77

1:1.5

735

730

725

CUT=0.0
FILL=0.0
TOPSOIL=0.0

743.63

7+25.0000

735

730

725

1:1.5

733.65

1:1.5

CUT=0.0
FILL=0.0
TOPSOIL=0.0

7+00.0000

735

730

725

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

MODEL: $MODELNAME$
FILE NAME: $FILEIN$

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071-2028

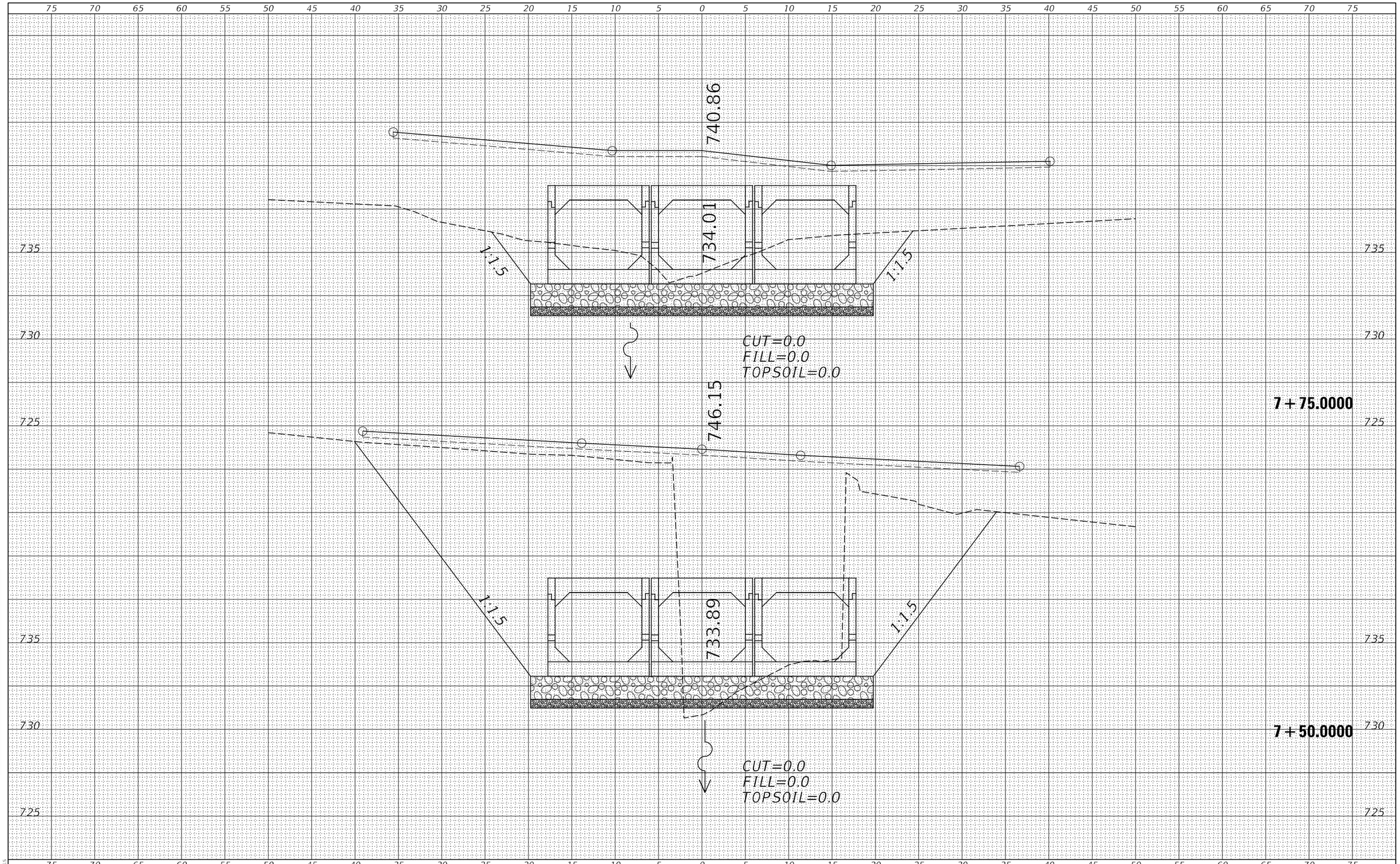
SCALE: 1"=5'H/2.5'V' | SHEET 81 OF 86 SHEETS | STA. 7+00.0000 | TO STA. 7+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	155
		CONTRACT NO. 64F57		
		ILLINOIS FED. AID PROJECT		

* WHITESIDE & OGLE

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

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



MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

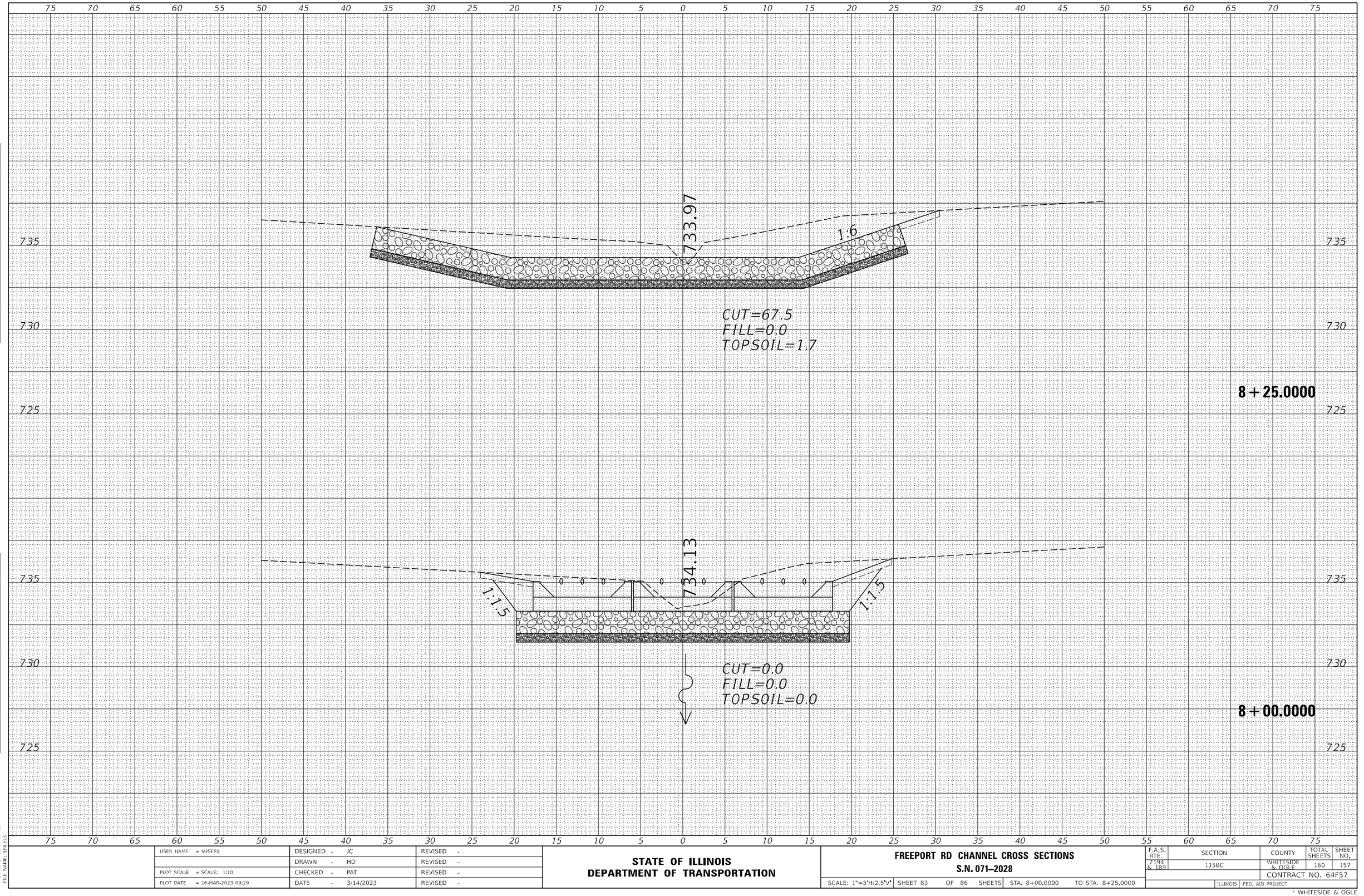
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5"V' | SHEET 82 OF 86 SHEETS | STA. 7+50.0000 | TO STA. 7+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	156
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



FINAL SURVEY

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

ORIGINAL SURVEY

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

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

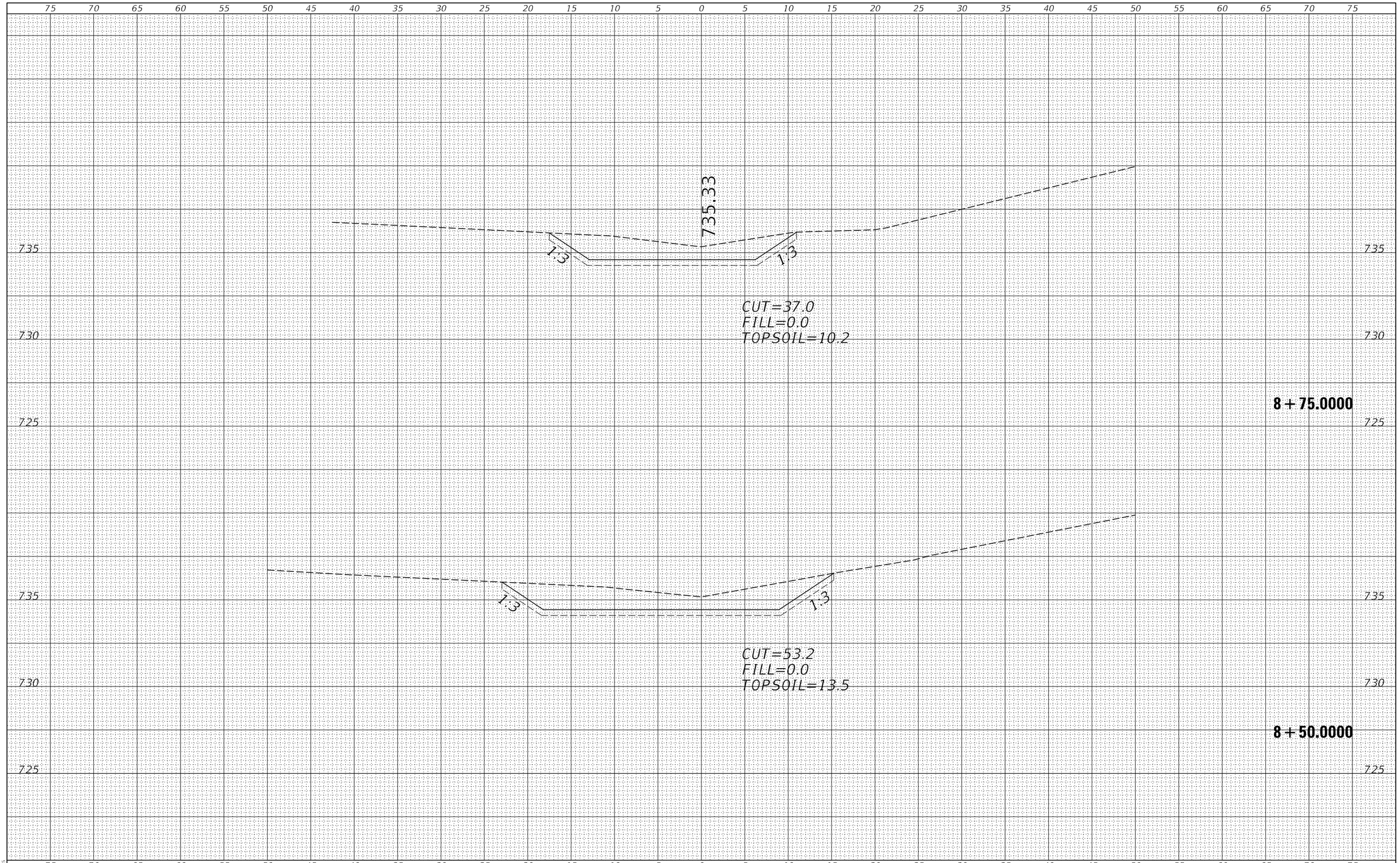
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 83 OF 86 SHEETS | STA. 8+00.0000 | TO STA. 8+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	157
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE



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

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

MODEL: $MODELNAME$
FILE NAME: $FILE1$

USER NAME = $USER$	DESIGNED - JC	REVISED -
	DRAWN - HD	REVISED -
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 84 OF 86 SHEETS | STA. 8+50.0000 TO STA. 8+75.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	158
			CONTRACT NO. 64F57	
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

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

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

735

730

725

734.93

1:3

1:3

CUT=6.1
FILL=0.0
TOPSOIL=4.3

9+25.0000

735

730

725

1:3

1:3

CUT=19.4
FILL=0.0
TOPSOIL=6.5

9+00.0000

735

730

725

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 85 OF 86 SHEETS | STA. 9+00.0000 TO STA. 9+25.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	159
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE

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

BY	DATE

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

BY	DATE

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

735.19

735

730

725

CUT=0.0
FILL=0.0
TOPSOIL=0.0

9+50.0000

MODEL: $MODELNAME$
FILE NAME: $FILEIS

USER NAME = $USER$	DESIGNED - JC	REVISED -	
	DRAWN - HD	REVISED -	
PLOT SCALE = SCALE: 1:10	CHECKED - PAT	REVISED -	
PLOT DATE = 16-MAR-2023 09:29	DATE - 3/14/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FREEPORT RD CHANNEL CROSS SECTIONS
S.N. 071-2028

SCALE: 1"=5'H/2.5'V' | SHEET 86 OF 86 SHEETS | STA. 9+50.0000 TO STA. 9+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2194 & 189	115BC	WHITESIDE & OGLE	160	160
		CONTRACT NO. 64F57		
		ILLINOIS	FED. AID PROJECT	

* WHITESIDE & OGLE