STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED AT–GRADE RAILROAD CROSSING GRADE CROSSING PROTECTION FUND

WHITES CROSSING AVENUE (TR 21) OVER I.M.R.R.
SECTION 19–05117–00–RR
MENARD COUNTY

INDEX OF SHEETS

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15	EROSION CONTROL AND GRADING PLAN
16-27	CROSS SECTIONS - BASELINE A
28-35	CROSS SECTIONS - BASELINE B
36-43	CROSS SECTIONS - IL 97

STANDARDS (IN PROPOSAL)

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
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
635001-02	DELINEATORS
701901-09	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

LOCATION OF SECTION INDICATED THUS: –

FUNCTIONAL CLASSIFICATION = LOCAL ROAD
ADT = 25
DESIGN SPEED = 30 MPH
3R GUIDELINES

UTILITY COMPANIES:

AMEREN ILLINOIS - (NORTH)
#6 EXECUTIVE DRIVE
COLLINSVILLE, IL 62234
PHONE: (618)-301-5327
CONTACT: NATHAN HILL

ATT/DISTRIBUTION
1000 COMMERCE DRIVE
OAK BROOK, ILLINOIS 60523
CONTACT: G11629@ATT.COM

MENARD ELECTRIC COOP
14300 STATE HWY 97
PETERSBURG, IL 62675
PHONE: (217)-632-7746
CONTACT: BRADY SMITH

PROPOSED
SECTION 19–05117–00–RR
BEGINS STA. 503+50.00
ENDS STA. 508+15.00 (BL A)
BEGINS STA. 600+08.00
ENDS STA. 601+35.04 (BL B)
BEGINS STA. 947+78.31
ENDS STA. 949+69.45 (IL 97)

N

LOCATION MAP

NET LENGTH OF BL A =	465.00	FEET	(0.088 MI)
NET LENGTH OF BL B =	127.04	FEET	(0.024 MI)
NET LENGTH =	592.04	FEET	(0.112 MI)

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 EXCAVATION
1–800–892–0123
OR 811

PROJECT MANAGER: MARK R. LEIGHTON, P.E., P.L.S.

design firm no. 184001036
whks
engineers + planners + land surveyors

MARK R. LEIGHTON
062-048930
LICENSED PROFESSIONAL ENGINEER
ILLINOIS
Expires: 11/30/2025
8-28-24

THIS WORK CONSISTS OF CONSTRUCTING A RELOCATED AT-GRADE RAILROAD CROSSING PERPENDICULAR TO ILLINOIS MIDLAND RAILROAD AND IL 97 THAT INCLUDES ROADWAY GEOMETRICS AND DRAINAGE IMPROVEMENTS ALONG WITH INCIDENTAL WORK.

APPROVED September 3 20 24
COUNTY ENGINEER

APPROVED September 3 20 24
ROAD COMMISSIONER

PASSED September 10 20 24
DISTRICT SIX ENGINEER OF LOCAL ROADS AND STREETS

Released For Bid Based on Limited Review September 10 20 24
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Filename C:\SP\WHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD_Sheets\8974-sht-cover.dgn
Date: 8/28/2024
Operator: b.johnson

GENERAL NOTES

1. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

2. ALL ELEVATIONS ARE BASED ON NAVD 88-DATUM.

3. WHERE PERMANENT SURVEY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.

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

5. THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN. ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

6. THE FOLLOWING APPLICATION RATES HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:
   AGGREGATE BASE COURSE: 2.05 TONS/CU YD
   BITUMINOUS MATERIALS (PRIME COAT): 0.25 LB/SQ FT
   BITUMINOUS MATERIALS (TACK COAT): 0.025 LB/SQ FT
   HOT-MIX ASPHALT: 112 LBS/SQ YD/IN
   TEMPORARY EROSION CONTROL SEEDING: 100 LB/ACRE
   RIPRAP: 1.50 TONS/CU YD

7. THE CONTRACTOR'S OPERATIONS AND TEMPORARY STORAGE ACTIVITIES SHALL BE LIMITED TO THE WORK AREA AND/OR CONSTRUCTION LIMITS. ANY ADDITIONAL STAGING AREAS ADJACENT TO THE PROJECT AREA ARE SUBJECT TO PRIOR APPROVAL BY THE ENGINEER AND MUST NOT CONFLICT WITH EXISTING SIDE ROADS, INTERSECTIONS, DRIVEWAYS, OR DRAINAGE. ALL OPERATIONS SHALL BE SUBJECT TO REGULATORY REQUIREMENTS PERMITTED FOR THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR COMPLIANCE WITH THE ABOVE REQUIREMENTS.

8. DISTURBED AREAS SHALL RECEIVE PERMANENT STABILIZATION WITHIN 7 DAYS OF COMPLETION OF CONSTRUCTION ACTIVITIES. TEMPORARY STABILIZATION OF WORK AREAS IS REQUIRED FOR ALL AREAS REMAINING UNDISTURBED FOR 14 DAYS, UNLESS WORK RESUMES PRIOR TO 21 DAYS. TEMPORARY STABILIZATION MUST BE APPROVED BY THE ENGINEER.

9. THE CONTRACTOR SHALL USE CARE IN ALL REMOVAL ACTIVITIES NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

10. THE CONTRACTOR SHALL RELOCATE OR REMOVE AND REPLACE ALL SIGNS THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS AND TEMPORARILY RESET ALL SUCH SIGNS DURING ALL STAGES OF CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE ENGINEER WILL DETERMINE THE PERMANENT LOCATION FOR EXISTING SIGNS TO BE RE-ERECTED.

11. CONTRACTOR SHALL FOLLOW CONSTRUCTION REQUIREMENTS OF SECTION 611 WHEN EXISTING FIELD TILE IS ENCOUNTERED. ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED, REPAIRED AND CONNECTED TO THE PROPOSED DRAINAGE STRUCTURES, SEWERS OR DITCHES AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE VARIOUS DRAINAGE ITEMS OR AS DIRECTED BY THE ENGINEER.

12. EMBANKMENTS ON HILLSIDES OR SLOPES SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 205.03.

13. CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES PRIOR TO STARTING ANY OTHER CONSTRUCTION WORK AT SITE.

GENERAL NOTES (CONT'D)

14. THE CONTRACTOR SHALL VERIFY THE LENGTH OF REQUIRED PIPE CULVERTS PRIOR TO ORDERING.

15. BITUMINOUS ROADWAY SURFACE TO BE REMOVED WILL BE INCLUDED IN EARTH EXCAVATION QUANTITY.

IMRR/G&W RAILROAD GENERAL NOTES

1. CONTRACTOR TO NOTIFY G&W PUBLIC PROJECTS DEPARTMENT 30 DAYS PRIOR TO STARTING CONSTRUCTION.

2. G&W FLAGGING SERVICES WILL BE REQUIRED FOR ALL WORK WITHIN G&W RIGHT-OF-WAY OR ANY WORK THAT HAS A "POTENTIAL TO FOUL".

3. THE CONTRACTOR MUST NOT USE THE RAILROAD RIGHT OF WAY FOR STORAGE OF MATERIALS OR EQUIPMENT DURING CONSTRUCTION. THE RAILROAD RIGHT OF WAY MUST REMAIN CLEAR AT ALL TIMES. THE CONTRACTOR MUST PLAN AND PERFORM THE WORK IN A MANNER SUCH THAT THE RAILROAD TRACKS AT THE PROJECT LOCATION REMAIN FULLY CAPABLE OF OPERATING RAIL TRAFFIC THROUGHOUT THE WORK PERIOD AND RAIL TRAFFIC IS NOT DELAYED OR OTHERWISE IMPACTED DUE TO THE WORK BEING PERFORMED.

4. ALL WORK PERFORMED ON, ABOVE OR ADJACENT TO RAILROAD PROPERTY SHALL BE IN ACCORDANCE WITH TO THE PUBLIC PROJECT MANUAL, CURRENT EDITION. WORK PLANS SHALL BE SUBMITTED FOR REVIEW TO THE RAILROAD FOR ACCESS, SOIL AND WATER MANAGEMENT, BALLAST PROTECTION, EXCAVATION, HOISTING, DEMOLITION, AND ALL OTHER WORK THAT PRESENTS THE POTENTIAL TO AFFECT RAILROAD PROPERTY OR OPERATIONS. ALL WORK PLANS SHALL BE PREPARED AND SUBMITTED TO THE RAILROAD IN ADHERENCE WITH THE PUBLIC PROJECT MANUAL, SECTION 1.11 CONSTRUCTION SUBMISSION CRITERIA.

5. THE CONTRACTOR WILL BE REQUIRED TO REACH OUT TO G&W REAL ESTATE FOR A ROE APPLICATION AND AGREEMENT FOR WORK TO TAKE PLACE ON THE G&W ROW.
   HERE IS THE WEBSITE FOR ROE INFORMATION: HTTPS://WWW.GWRR.COM/REAL_ESTATE/ACCESSING_PROPERTY

6. THE CONTRACTOR AND THE AGENCY MUST PROVIDE INSURANCE TO THE RAILROAD AS WILL BE DETERMINED AT THIS LOCATION BASED ON THE SCOPE OF IMPACT PER SECTION 1.06 OF THE RAILROAD PUBLIC PROJECT MANUAL (PPM).

7. PIPELINE CONSTRUCTION UNDER RAILROAD SHALL BE DONE IN ACCORDANCE TO RAILROAD PUBLIC PROJECT MANUAL (PPM), LAST REVISED APRIL 2019.

8. TEMPORARY CONSTRUCTION CLEARANCE - ENSURE ALL FALSEWORK, BRACING OR FORMS HAVE A MINIMUM HORIZONTAL CLEARANCE OF 12 FEET MEASURED PERPENDICULAR TO THE CENTERLINE OF THE NEAREST TRACK.

9. MEANS AND METHODS – THE CONTRACTOR SHALL DEVELOP A DETAILED SUBMISSION INDICATING THE PROGRESSION OF WORK WITH SPECIFIC TIMES WHEN TASKS WILL BE PERFORMED FOR WORK ACTIVITIES THAT ARE ON OR IN THE VICINITY OF THE RAILROAD PROPERTY. THIS SUBMISSION MAY REQUIRE A WALKTHROUGH AT WHICH TIME RAILROAD AND/OR THE REPRESENTATIVE WILL BE PRESENT. WORK WILL NOT BE PERMITTED TO COMMENCE UNTIL THE CONTRACTOR HAS PROVIDED RAILROAD WITH A SATISFACTORY PLAN THAT THE PROJECT WILL BE UNDERTAKEN WITHOUT SCHEDULING, PERFORMANCE OR SAFETY RELATED ISSUES. PROVIDE A LISTING OF THE ANTICIPATED EQUIPMENT TO BE USED, THE LOCATION OF ALL EQUIPMENT TO BE USED AND ENSURE A CONTINGENCY PLAN OF ACTION IS IN PLACE SHOULD A PRIMARY PIECE OF EQUIPMENT MALFUNCTION. ALL WORK IN THE VICINITY OF RAILROAD PROPERTY THAT HAS THE POTENTIAL OF AFFECTING RAILROAD TRAIN OPERATIONS MUST BE SUBMITTED AND APPROVED BY RAILROAD PRIOR TO WORK BEING PERFORMED. THIS SUBMISSION WILL ALSO INCLUDE A DETAILED NARRATIVE DISCUSSING THE COORDINATION OF PROJECT SAFETY ISSUES BETWEEN CONTRACTOR, RAILROAD AND THE REPRESENTATIVE. THE NARRATIVE SHALL ADDRESS PROJECT LEVEL COORDINATION AND DAY TO DAY, SPECIFIC WORK OPERATIONS INCLUDING CRANE AND EQUIPMENT OPERATIONS, ERECTION PLANS AND TEMPORARY WORKS.

10. ERECTION PROCEDURES, EXCAVATION AND SHORING PROCEDURES ARE REQUIRED TO BE SUBMITTED TO RAILROAD, OR THE REPRESENTATIVE, IN ACCORDANCE WITH THE RAILROAD PUBLIC PROJECT MANUAL

IMRR/G&W RAILROAD GENERAL NOTES (CONT'D)

PREPARATION OF SUBMISSIONS, AS IT CONTAINS SPECIFIC REQUIREMENTS THAT COULD IMPACT THE CONTRACTOR'S MATERIAL SELECTION AND METHODS OR OPERATIONS FOR WORK NEAR THE RAILROAD. REVISIONS TO CONTRACTOR SUBMISSIONS MAY NOT BE FIELD APPROVED. ANY DEVIATION(S) FROM A PREVIOUSLY ACCEPTED PLAN INCLUDING EQUIPMENT SUBSTITUTIONS WILL REQUIRE A FORMAL RESUBMISSION OF THE PROCEDURE FOR REVIEW AND ACCEPTANCE PRIOR TO PERFORMING ANY WORK. A PROFESSIONAL ENGINEER IN THE STATE IN WHICH THE WORK IS PERFORMED MUST SIGN AND SEAL THE PLANS.

11. CONSTRUCTION SCHEDULE – SUBMIT A DETAILED CONSTRUCTION SCHEDULE FOR THE DURATION OF THE PROJECT CLEARLY INDICATING THE TIME PERIODS WHILE WORKING ON AND AROUND RAILROAD RIGHT-OF-WAY. AS THE WORK PROGRESSES, THIS SCHEDULE SHALL BE UPDATED AND RESUBMITTED AS NECESSARY TO REFLECT CHANGES IN WORK SEQUENCE, DURATION AND METHOD, ETC.

12. EMERGENCY ACTION PLAN – SUBMIT AN EMERGENCY ACTION PLAN INDICATING THE LOCATION OF THE SITE, CONTACT NUMBERS, ACCESS TO THE SITE, INSTRUCTIONS FOR EMERGENCY RESPONSE AND LOCATION OF THE NEAREST HOSPITALS. THIS PLAN SHOULD COVER ALL ITEMS REQUIRED IN THE EVENT OF AN EMERGENCY AT THE SITE INCLUDING FIRE SUPPRESSION. COORDINATE THE EMERGENCY ACTION PLAN WITH THE SAFETY RELATED DISCUSSION OF THE MEANS AND METHODS SUBMISSION DISCUSSED ABOVE. THE PLAN SHOULD ALSO INCLUDE A METHOD TO PROVIDE THIS INFORMATION TO EACH PROJECT WORKER FOR EACH DAY ON SITE.

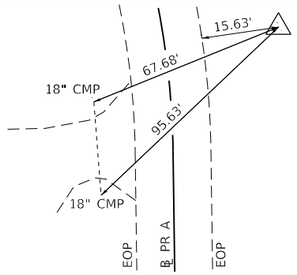
13. THE CONTRACTOR MUST ENSURE THAT PROPER EROSION CONTROL IS IMPLEMENTED ON AND ADJACENT TO RAILROAD RIGHT-OF-WAY DURING CONSTRUCTION. THE CONTRACTOR MUST PREVENT SILT AND DEBRIS ACCUMULATION IN THE RAILROAD ROADBED, DITCHES AND OTHER RAILROAD FACILITIES. THE CONTRACTOR MAY BE REQUIRED TO SUBMIT A DETAILED EROSION CONTROL PLAN FOR REVIEW AND ACCEPTANCE BY RAILROAD OR THEIR REPRESENTATIVE PRIOR TO PERFORMING ANY WORK.

14. CONTRACTOR ACCESS WILL BE LIMITED TO THE IMMEDIATE PROJECT AREA ONLY. THE RAILROAD RIGHT-OF-WAY OUTSIDE THE PROJECT AREA MAY NOT BE USED FOR CONTRACTOR ACCESS TO THE PROJECT SITE AND NO TEMPORARY AT-GRADE CROSSINGS WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM RAILROAD.

15. THE CONTRACTOR MAY NOT USE RAILROAD RIGHT-OF-WAY FOR STORAGE OF MATERIALS OR EQUIPMENT DURING CONSTRUCTION WITHOUT PRIOR RAILROAD APPROVAL. THE RAILROAD RIGHT-OF-WAY MUST REMAIN CLEAR FOR RAILROAD USE AT ALL TIMES. EQUIPMENT MAY NOT BE POSITIONED TO BLOCK THE RAILROAD ACCESS ROAD, TRACK AREA OR ANY PART OF THE RAILROAD RIGHT-OF-WAY WITHOUT PRIOR RAILROAD APPROVAL.

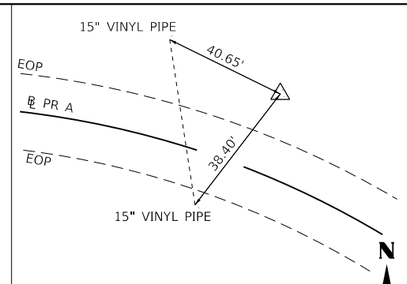
COMMITMENTS

1. THIS PROJECT HAS NO COMMITMENTS.



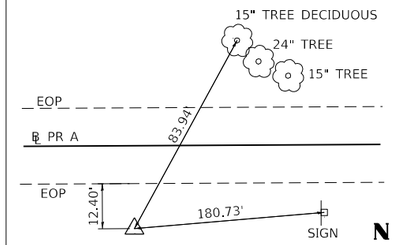
CONTROL POINT #1

5/8" REBAR W/CAP
STA 509+24.24, 21.51' LT (℄ PR A)
N 1241263.0520
E 2359112.3170



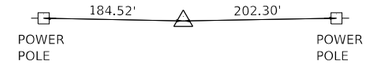
CONTROL POINT #2

5/8" REBAR W/CAP
STA 505+13.41, 26.80' LT (℄ PR A)
N 1241552.4340
E 2358806.0900



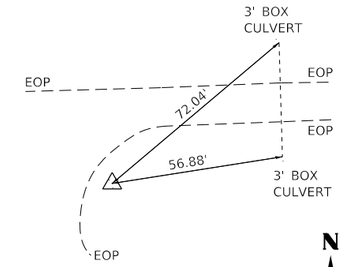
CONTROL POINT #3

5/8" REBAR W/CAP
STA 500+28.68, 20.34' RT (℄ PR A)
N 1241526.1780
E 2358314.2710



CONTROL POINT #4

5/8" REBAR W/CAP
STA 953+68.52, 459.66' LT (EX IL 97)
N 1241570.6340
E 2359695.5230



CONTROL POINT #5

5/8" REBAR W/CAP
STA 950+09.91, 38.62' LT (EX IL 97)
N 1241526.3530
E 2359124.4320

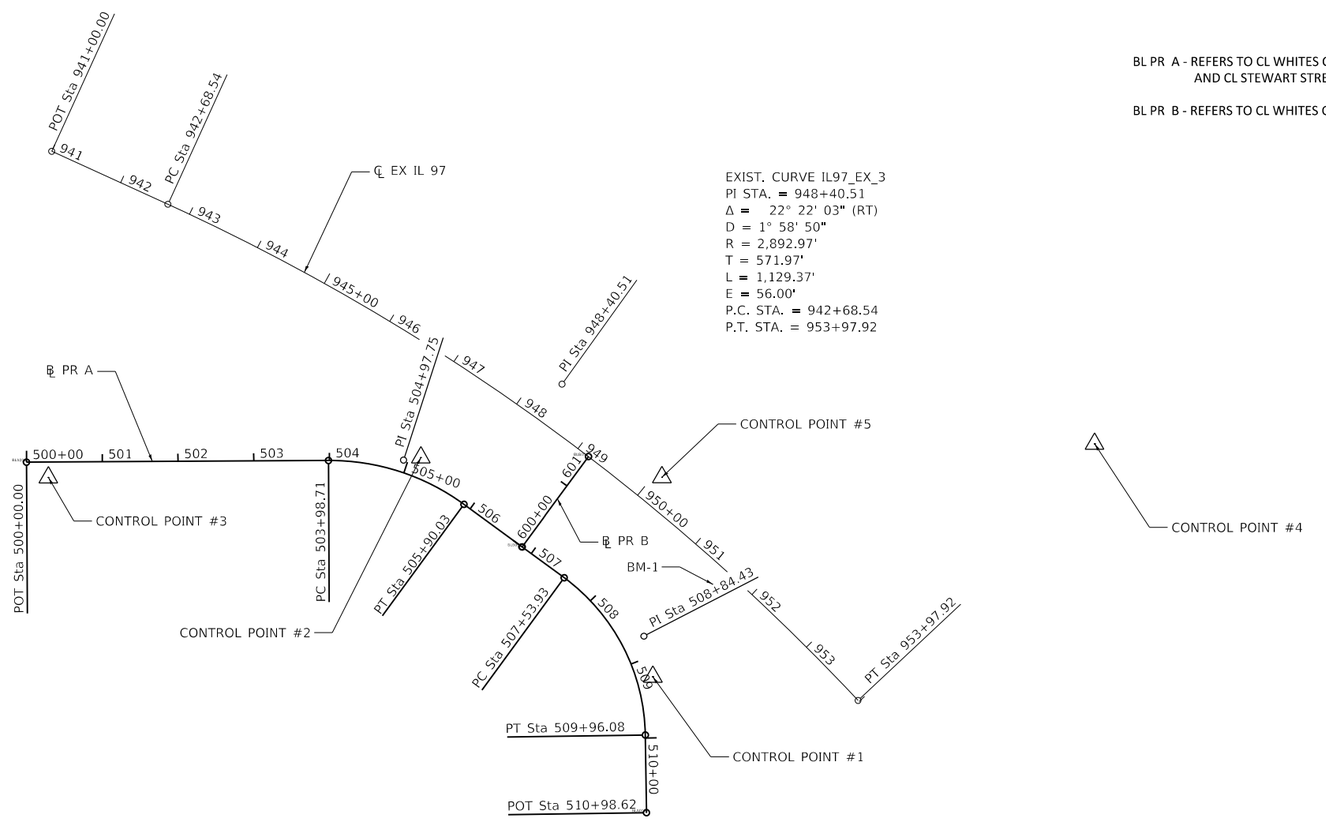
BM -1
STA. 951+52.69, 24.81' RT (EX IL 97) HEADWALL OF BOX CULVERT ON WEST SIDE OF ST. HWY 97 CHISELED SQUARE AT CENTER OF HEADWALL FIRST BOX CULVERT S. OF INTERSECTION
ELEV. = 587.777

BL PR A - REFERS TO CL WHITES CROSSING AVE. (STA. 500+00.00 TO STA. 503+98.71) AND CL STEWART STREET (STA. 503+98.71 TO STA. 510+98.62).

BL PR B - REFERS TO CL WHITES CROSSING AVE. (STA. 600+08.00 TO STA. 601+35.04).

PROP. CURVE BL_A1
PI STA. = 504+97.75
Δ = 36° 32' 17" (RT)
D = 19° 05' 55"
R = 300.00'
T = 99.04'
L = 191.31'
E = 15.92'
P.C. STA. = 503+98.71
P.T. STA. = 505+90.03

PROP. CURVE BL_A2
PI STA. = 508+84.43
Δ = 52° 57' 04" (RT)
D = 21° 52' 00"
R = 262.02'
T = 130.50'
L = 242.15'
E = 30.70'
P.C. STA. = 507+53.93
P.T. STA. = 509+96.08



EXIST. CURVE IL97_EX_3
PI STA. = 948+40.51
Δ = 22° 22' 03" (RT)
D = 1° 58' 50"
R = 2,892.97'
T = 571.97'
L = 1,129.37'
E = 56.00'
P.C. STA. = 942+68.54
P.T. STA. = 953+97.92

N

0 100 200 300
SCALE IN FEET

MODEL: Default
FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-ATB.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 2400.0000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

ALIGNMENT, TIES, & BENCHMARKS DETAILS
WHITES CROSSING AVENUE

SCALE: 1" = 100' | SHEET 1 OF 2 SHEETS | STA. TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	3
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

Beginning chain BL_A description

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Point BLA001 N 1,241,546.3636 E 2,358,285.4805 Sta 500+00.00

Course from BLA001 to PC BL_A1 N 89° 41' 02.92" E Dist 398.7144

Curve Data

Curve BL_A1
P.I. Station 504+97.75 N 1,241,549.1075 E 2,358,783.2227
Delta = 36° 32' 16.60" (RT)
Degree = 19° 05' 54.94"
Tangent = 99.0353
Length = 191.3122
Radius = 300.0000
External = 15.9240
Long Chord = 188.0870
Mid. Ord. = 15.1214
P.C. Station 503+98.71 N 1,241,548.5616 E 2,358,684.1889
P.T. Station 505+90.03 N 1,241,490.5859 E 2,358,863.1177
C.C. N 1,241,248.5661 E 2,358,685.8427
Back = N 89° 41' 02.92" E
Ahead = S 53° 46' 40.48" E
Chord Bear = S 72° 02' 48.78" E

Course from PT BL_A1 to BLA002 S 53° 46' 40.48" E Dist 95.0294

Point BLA002 N 1,241,434.4314 E 2,358,939.7810 Sta 506+85.06

Course from BLA002 to PC BL_A2 S 53° 46' 40.48" E Dist 68.8710

Curve Data

Curve BL_A2
P.I. Station 508+84.43 N 1,241,316.6198 E 2,359,100.6201
Delta = 52° 57' 03.87" (RT)
Degree = 21° 52' 00.23"
Tangent = 130.5000
Length = 242.1536
Radius = 262.0226
External = 30.6993
Long Chord = 233.6276
Mid. Ord. = 27.4797
P.C. Station 507+53.93 N 1,241,393.7344 E 2,358,995.3415
P.T. Station 509+96.08 N 1,241,186.1334 E 2,359,102.5033
C.C. N 1,241,182.3523 E 2,358,840.5079
Back = S 53° 46' 40.48" E
Ahead = S 0° 49' 36.61" E
Chord Bear = S 27° 18' 08.55" E

Course from PT BL_A2 to BLA003 S 0° 49' 36.61" E Dist 102.5430

Point BLA003 N 1,241,083.6010 E 2,359,103.9830 Sta 510+98.62

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Ending chain BL_A description

Beginning chain BL_B description

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Point BLB001 N 1,241,434.4314 E 2,358,939.7810 Sta 600+00.00

Course from BLB001 to BLB002 N 36° 19' 35.51" E Dist 48.2842

Point BLB002 N 1,241,473.3318 E 2,358,968.3839 Sta 600+48.28

Course from BLB002 to BLB003 N 36° 19' 35.51" E Dist 4.9914

Point BLB003 N 1,241,477.3531 E 2,358,971.3408 Sta 600+53.28

Course from BLB003 to BLB004 N 36° 19' 35.51" E Dist 94.7676

Point BLB004 N 1,241,553.7031 E 2,359,027.4798 Sta 601+48.04

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Ending chain BL_B description

Beginning chain IL97_EX

==========

Point 17 N 1,241,956.7174 E 2,358,318.7732 Sta 941+00.00

Course from 17 to PC IL97_EX_3 S 65° 28' 30.55" E Dist 168.5426

Curve Data

Curve IL97_EX_3
P.I. Station 948+40.51 N 1,241,649.3396 E 2,358,992.4778
Delta = 22° 22' 03.00" (RT)
Degree = 1° 58' 49.87"
Tangent = 571.9700
Length = 1,129.3748
Radius = 2,892.9656
External = 56.0003
Long Chord = 1,122.2168
Mid. Ord. = 54.9368
P.C. Station 942+68.54 N 1,241,886.7574 E 2,358,472.1101
P.T. Station 953+97.92 N 1,241,231.7608 E 2,359,383.3456
C.C. N 1,239,254.7913 E 2,357,271.2753
Back = S 65° 28' 30.55" E
Ahead = S 43° 06' 27.55" E
Chord Bear = S 54° 17' 29.05" E

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Ending chain IL97_EX description

MODEL: Default
FILE NAME: C:\SP\WHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD_Sheets\8974-sht-ATB.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 2400.0000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

ALIGNMENT, TIES, & BENCHMARKS DETAILS
WHITES CROSSING AVENUE

SCALE: 1" = 100' | SHEET 2 OF 2 SHEETS | STA. TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	4

CONTRACT NO.

ILLINOIS | FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE NONE 0001 S.N.
20200100	EARTH EXCAVATION	CU YD	460	460
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	260	260
28000305	TEMPORARY DITCH CHECKS	FOOT	209	209
28000400	PERIMETER EROSION BARRIER	FOOT	685	685
28000500	INLET AND PIPE PROTECTION	EACH	2	2
28100107	STONE RIPRAP, CLASS A4	SQ YD	51	51
28200200	FILTER FABRIC	SQ YD	51	51
35101400	AGGREGATE BASE COURSE, TYPE B	TON	586	586
48101200	AGGREGATE SHOULDERS, TYPE B	TON	25	25
50105220	PIPE CULVERT REMOVAL	FOOT	128	128
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	4	4
54261724	STEEL FLARED END SECTIONS 24"	EACH	128	128
63500105	DELINEATORS	EACH	4	4
72900100	METAL POST - TYPE A	FOOT	28	28

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE NONE 0001 S.N.
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1	1
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	5	5
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
LR403600	SEAL COAT AGGREGATE	TON	16	16
XX009171	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	309	309
	STABILIZED SHOULDER (SPECIAL)	SQ YD	52	52

LOCATION	20200100	FOR INFORMATION ONLY		
	*EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (EXC. x 0.75)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE(+) AND SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
STA. 503+50.00 TO STA. 508+15.00 (BASELINE A)	375	280	145	135
STA. 600+08.00 TO STA. 601+35.04 (BASELINE B)	45	35	120	-85
STA. 947+78.31 TO STA. 949+69.43 (BASELINE IL 97)	40	30	80	-50
TOTAL	460	345	345	0

EARTH EXCAVATION SHRINKAGE FACTOR = 25%

*BITUMINOUS ROADWAY SURFACE TO BE REMOVED WILL BE INCLUDED IN EARTH EXCAVATION QUANTITY.

28000250 TEMPORARY EROSION CONTROL SEEDING

IL 97 AT WHITES CROSSING					POUND
LT	503+50.00	TO	LT	506+85.00	80
RT	503+50.00	TO	RT	506+85.00	45
LT	506+85.00	TO	LT	508+15.00	30
RT	506+85.00	TO	RT	508+15.00	20
LT	600+55.00	TO	LT	601+35.00	65
RT	600+55.00	TO	RT	601+35.00	20
NOTE: ASSUMES 3 APPLICATIONS				TOTAL	260

28000400 PERIMETER EROSION BARRIER

IL 97 AT WHITES CROSSING					FOOT
LT	503+50.00	TO	LT	504+50.00	130
RT	503+50.00	TO	RT	506+00.00	235
LT	507+00.00	TO	LT	508+15.00	130
LT	600+50.00	TO	LT	601+35.00	95
RT	600+50.00	TO	RT	601+35.00	95
				TOTAL	685

28000305 TEMPORARY DITCH CHECKS

IL 97 AT WHITES CROSSING		FOOT
LT	507+51.00	11
LT	507+84.00	11
LT	505+90.00	11
LT	504+40.00	11
LT	504+10.00	11
LT	503+80.00	11
RT	503+80.00	11
RT	504+10.00	11
RT	504+40.00	11
RT	504+70.00	11
RT	505+30.00	11
LT	600+75.00	11
LT	601+00.00	11
RT	948+75.00	11
RT	948+50.00	11
RT	948+25.00	11
RT	600+75.00	11
RT	601+00.00	11
RT	949+50.00	11
	TOTAL	209

28000500 INLET AND PIPE PROTECTION

IL 97 AT WHITES CROSSING	EACH
RT 505+00.00	1
RT 600+36.00	1
TOTAL	2

28100107 STONE RIPRAP, CLASS A4

IL 97 AT WHITES CROSSING					SQ YD
LT	504+75.00	TO	LT	505+10.00	51
				TOTAL	51

28200200 FILTER FABRIC

IL 97 AT WHITES CROSSING					SQ YD
LT	504+75.00	TO	LT	505+10.00	51
				TOTAL	51

35101400 AGGREGATE BASE COURSE, TYPE B

IL 97 AT WHITES CROSSING					TON
CL	503+50.00	TO	CL	504+00.00	43
CL	504+00.00	TO	CL	507+65.00	308
CL	507+65.00	TO	CL	508+15.00	39
CL	600+08.00	TO	CL	600+38.28	74
CL	600+47.28	TO	CL	600+90.00	37
CL	600+90.00	TO	CL	601+25.00	76
				TOTAL	577

48101200 AGGREGATE SHOULDERS, TYPE B

IL 97 AT WHITES CROSSING					TON
LT	947+78.31	TO	LT	949+69.45	25
				TOTAL	25

STABILIZED SHOULDER (SPECIAL)

IL 97 AT WHITES CROSSING					SQ YD
LT	947+78.31	TO	LT	949+69.45	52
				TOTAL	52

50105220 PIPE CULVERT REMOVAL

IL 97 AT WHITES CROSSING	FOOT
LT/RT 97+48.00	43
LT/RT 98+00.00	85
TOTAL	128

542D0229 PIPE CULVERTS, CLASS D, TYPE 1 24"

IL 97 AT WHITES CROSSING	FOOT
LT/RT 505+00.00	54
LT/RT 600+36.00	80
TOTAL	134

54261724 STEEL FLARED END SECTIONS 24"

IL 97 AT WHITES CROSSING	EACH
LT/RT 505+00.00	2
LT/RT 600+36.00	2
TOTAL	4

63500105 DELINEATORS

IL 97 AT WHITES CROSSING		EACH
LT/RT 505+00.00		2
LT/RT 600+36.00		2
USE TWO-SIDED REFLECTORS AT ALL LOCATIONS	TOTAL	4

72900100 METAL POST - TYPE A

IL 97 AT WHITES CROSSING		FOOT
LT 505+00.00		7
RT 505+00.00		7
LT 600+36.00		7
RT 600+36.00		7
	TOTAL	28

X2501000 SEEDING, CLASS 2 (SPECIAL)

IL 97 AT WHITES CROSSING		ACRE
LT 503+50.00 TO LT 506+85.00		0.27
RT 503+50.00 TO RT 506+85.00		0.15
LT 506+85.00 TO LT 508+15.00		0.09
RT 506+85.00 TO RT 508+15.00		0.06
LT 600+55.00 TO LT 601+35.00		0.22
RT 600+55.00 TO RT 601+35.00		0.06
TOTAL SEEDING AREA ROUNDED FOR PROPER D.O.A.	TOTAL	1.00

X7011800 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21

IL 97 AT WHITES CROSSING		L SUM
	TOTAL	1

X7240600 REMOVE AND RE-ERECT EXISTING SIGN

IL 97 AT WHITES CROSSING		EACH
LT 98+40.00		1
LT 98+50.00		1
RT 98+50.00		1
RT 99+71.00		1
RT 99+76.00		1
	TOTAL	5

Z0013798 CONSTRUCTION LAYOUT

IL 97 AT WHITES CROSSING		L SUM
	TOTAL	1

Z0048665 RAILROAD PROTECTIVE LIABILITY INSURANCE

IL 97 AT WHITES CROSSING		L SUM
	TOTAL	1

LR403600 SEAL COAT AGGREGATE

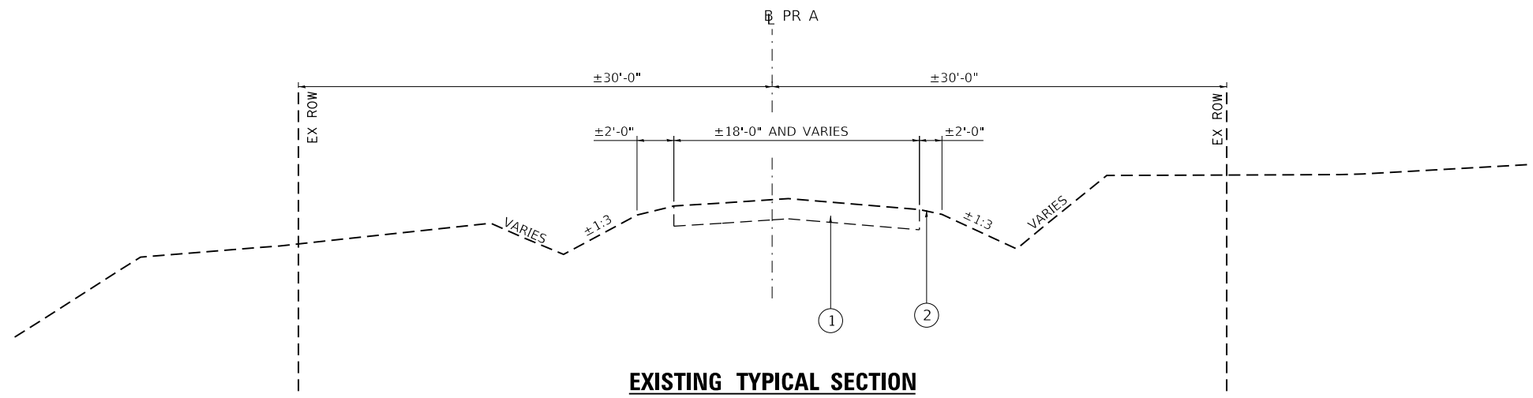
IL 97 AT WHITES CROSSING		TON
CL 503+50.00 TO CL 504+00.00		2
CL 504+00.00 TO CL 507+65.00		8
CL 507+65.00 TO CL 508+15.00		1
CL 600+08.00 TO CL 600+38.28		2
CL 600+47.28 TO CL 600+90.00		1
CL 600+90.00 TO CL 601+25.00		2
	TOTAL	16

XX009171 BITUMINOUS MATERIALS (PRIME COAT)

IL 97 AT WHITES CROSSING		GALLON
CL 503+50.00 TO CL 504+00.00		23
CL 504+00.00 TO CL 507+65.00		163
CL 507+65.00 TO CL 508+15.00		21
CL 600+08.00 TO CL 600+38.28		41
CL 600+47.28 TO CL 600+90.00		19
CL 600+90.00 TO CL 601+25.00		42
	TOTAL	309

LEGEND

1. EX PAVEMENT
2. EARTH SURFACE
3. EX AGGREGATE SHOULDERS
4. EX HMA SHOULDER
5. OIL AND CHIP (A-1 SURFACE)
6. 8" AGGREGATE BASE
7. AGGREGATE SHOULDERS, TYPE B, 8"
8. PR STABLIZED SHOULDER (SPECIAL), 8"
9. FURNISHED EXCAVATION



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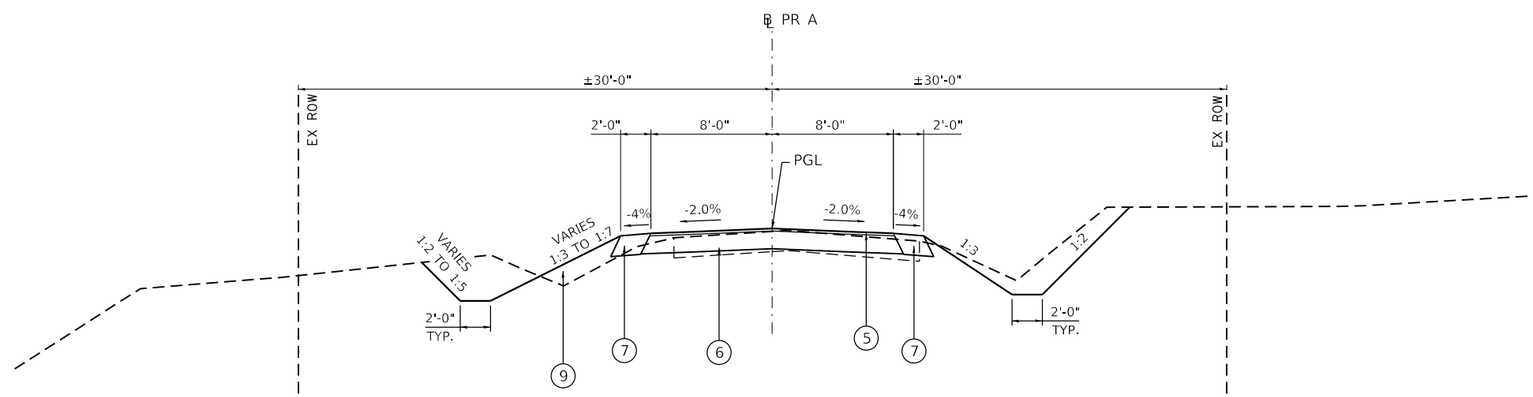

PROPOSED TYPICAL SECTION

STA. 503+50.00 TO STA. 508+15.00

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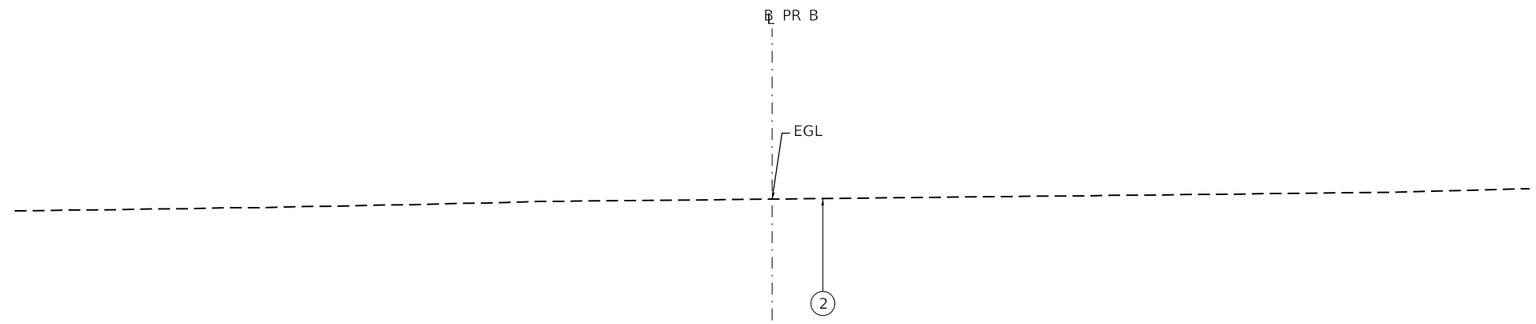
design firm no. 184001036 whks engineers + planners + land surveyors	USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	MENARD COUNTY HIGHWAY DEPARTMENT	TYPICAL SECTIONS WHITES CROSSING AVENUE	T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - GSJ	REVISED -			21	19-051117-00-RR	MENARD	43 / 9
	PLOT SCALE = 120.0000 ' / ft.	CHECKED - MRL	REVISED -					CONTRACT NO.	
	PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -		SCALE: 1" = 10' SHEET 1 OF 3 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

LEGEND

1. EX PAVEMENT
2. EARTH SURFACE
3. EX AGGREGATE SHOULDERS
4. EX HMA SHOULDER
5. OIL AND CHIP (A-1 SURFACE)
6. 8" AGGREGATE BASE
7. AGGREGATE SHOULDERS, TYPE B, 8"
8. PR STABLIZED SHOULDER (SPECIAL), 8"
9. FURNISHED EXCAVATION



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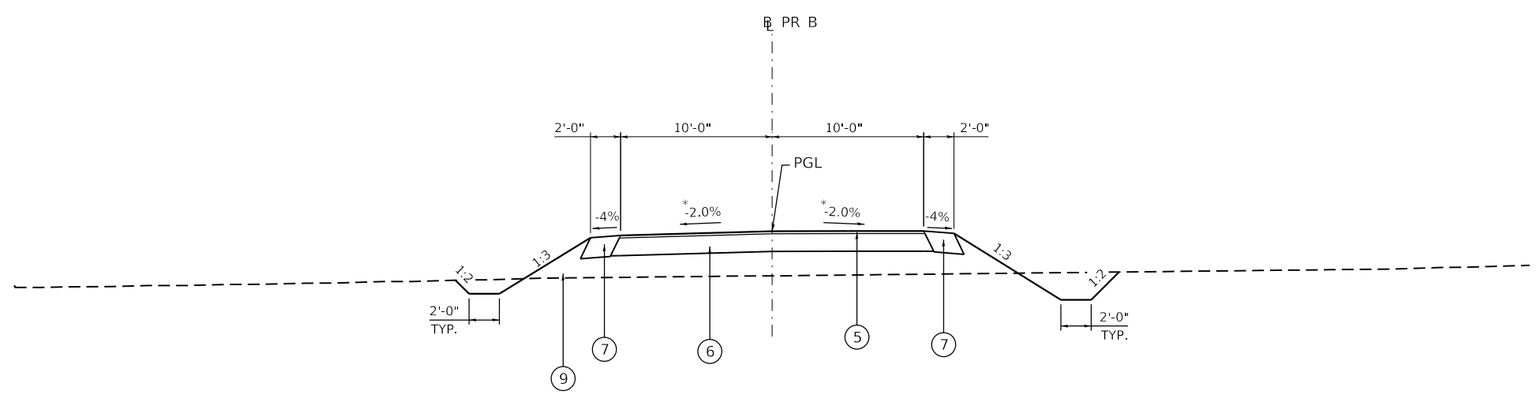
(LOOKING NORTHEAST)



PROPOSED TYPICAL SECTION

STA. 600+08.00 TO STA. 601+35.04
(LOOKING NORTHEAST)

*NOTE: ENSURE ROADWAY CROWN TRANSITIONS TO ZERO CROWN WITH 12' OF THE TRACK CENTERLINE.

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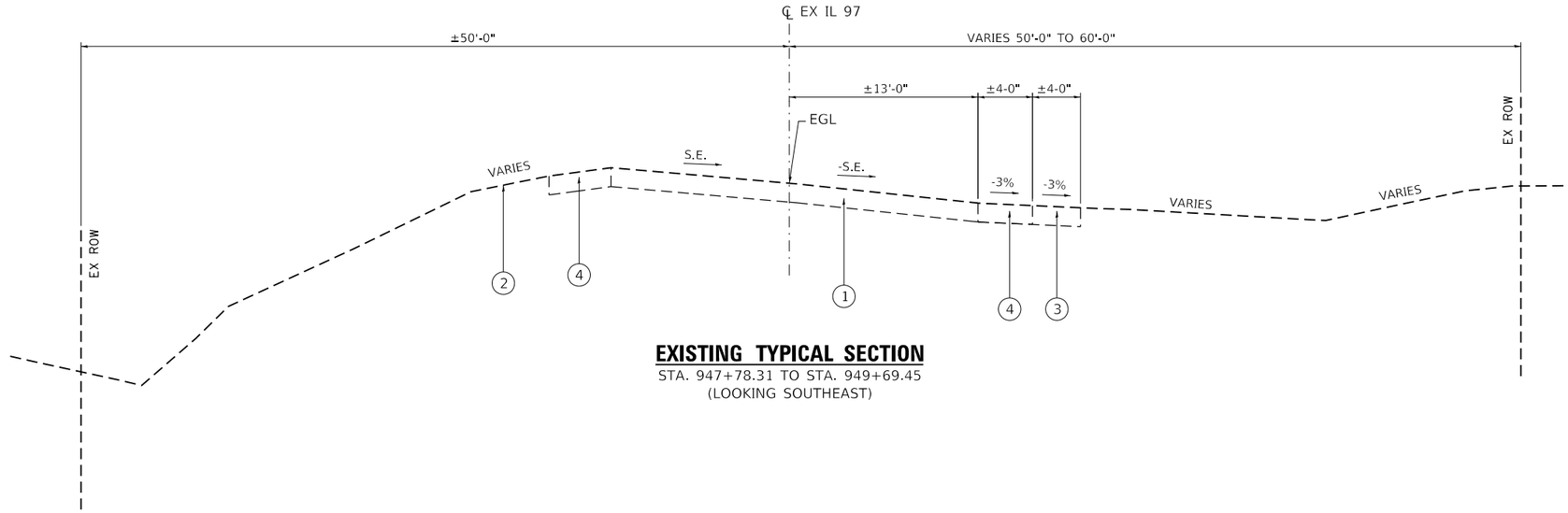
design firm no. 184001036 whks engineers + planners + land surveyors	USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	MENARD COUNTY HIGHWAY DEPARTMENT	TYPICAL SECTIONS WHITES CROSSING AVENUE	T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - GSJ	REVISED -			21	19-051117-00-RR	MENARD	43 / 10
	PLOT SCALE = 120.0000 ' / ft.	CHECKED - MRL	REVISED -					CONTRACT NO.	
	PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -		SCALE: 1" = 10' SHEET 2 OF 3 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

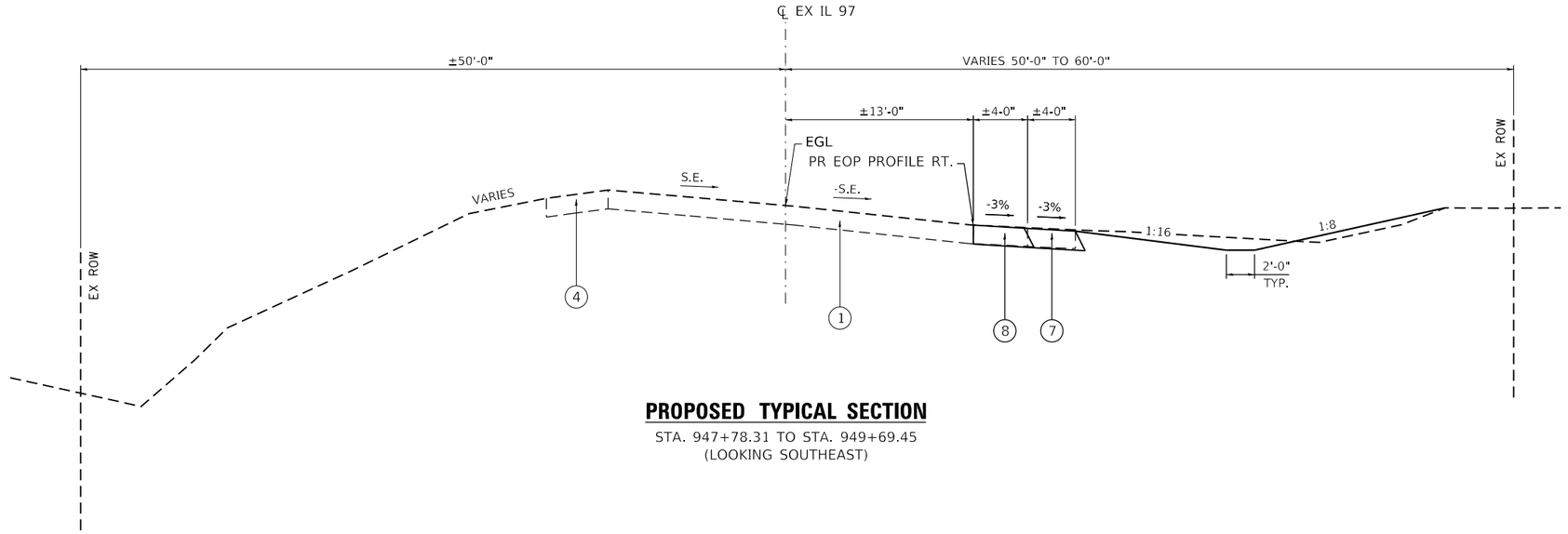
LEGEND

1. EX PAVEMENT
2. EARTH SURFACE
3. EX AGGREGATE SHOULDERS
4. EX HMA SHOULDER
5. OIL AND CHIP (A-1 SURFACE)
6. 8" AGGREGATE BASE
7. AGGREGATE SHOULDERS, TYPE B, 8"
8. PR STABLIZED SHOULDER (SPECIAL), 8"
9. FURNISHED EXCAVATION



EXISTING TYPICAL SECTION

STA. 947+78.31 TO STA. 949+69.45
(LOOKING SOUTHEAST)



PROPOSED TYPICAL SECTION

STA. 947+78.31 TO STA. 949+69.45
(LOOKING SOUTHEAST)

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design firm no. 184001036 whks engineers + planners + land surveyors	USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	MENARD COUNTY HIGHWAY DEPARTMENT	TYPICAL SECTIONS WHITES CROSSING AVENUE	T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - GSJ	REVISED -			21	19-051117-00-RR	MENARD	43 / 10
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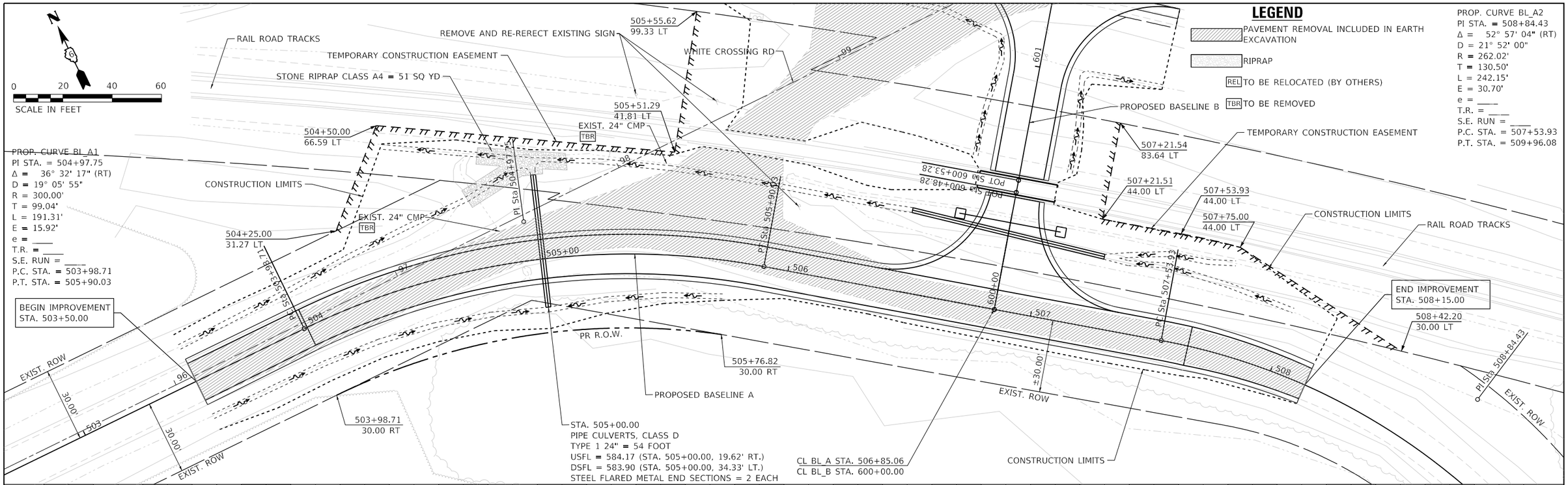
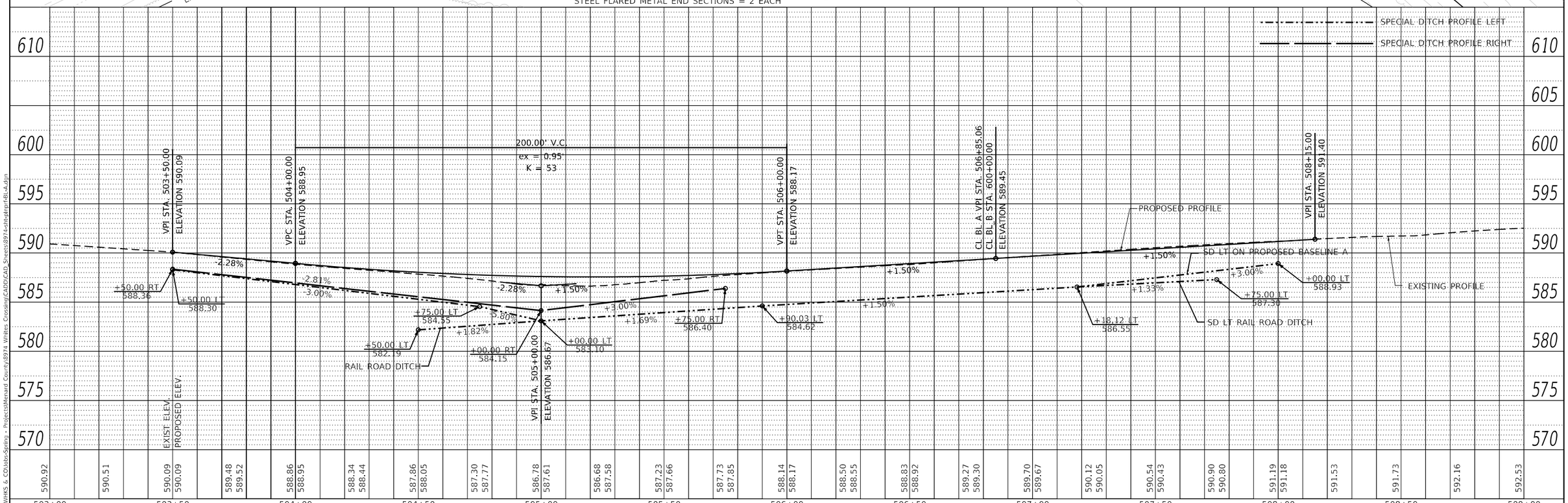
	PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -		SCALE: 1" = 10' / SHEET 3 OF 3 SHEETS / STA. TO STA.		ILLINOIS	FED. AID PROJECT	





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

PROFILE			
NOTE BOOK NO. ____	SURVEYED ____	PLOTTED ____	GRADES CHECKED ____
	B.M. NOTED ____	STRUCTURE NOTATIONS CHKD ____	

BY	DATE

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design firm no. 184001036
whks
engineers + planners + land surveyors

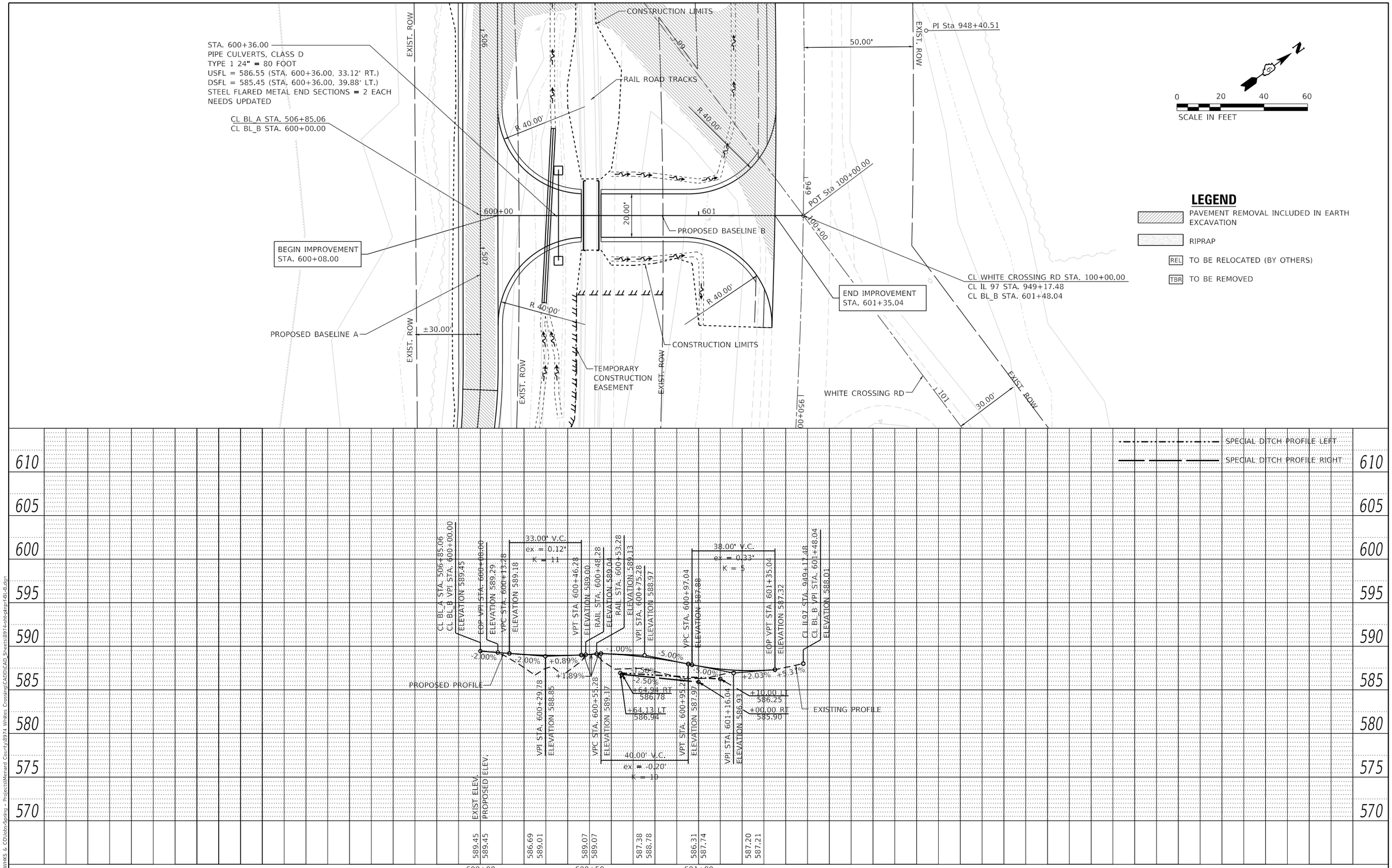
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 480.0000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

PLAN AND PROFILE – BL A
WHITES CROSSING AVENUE

SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	12
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

MODEL: Default
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design firm no. 184001036
whks
engineers + planners + land surveyors

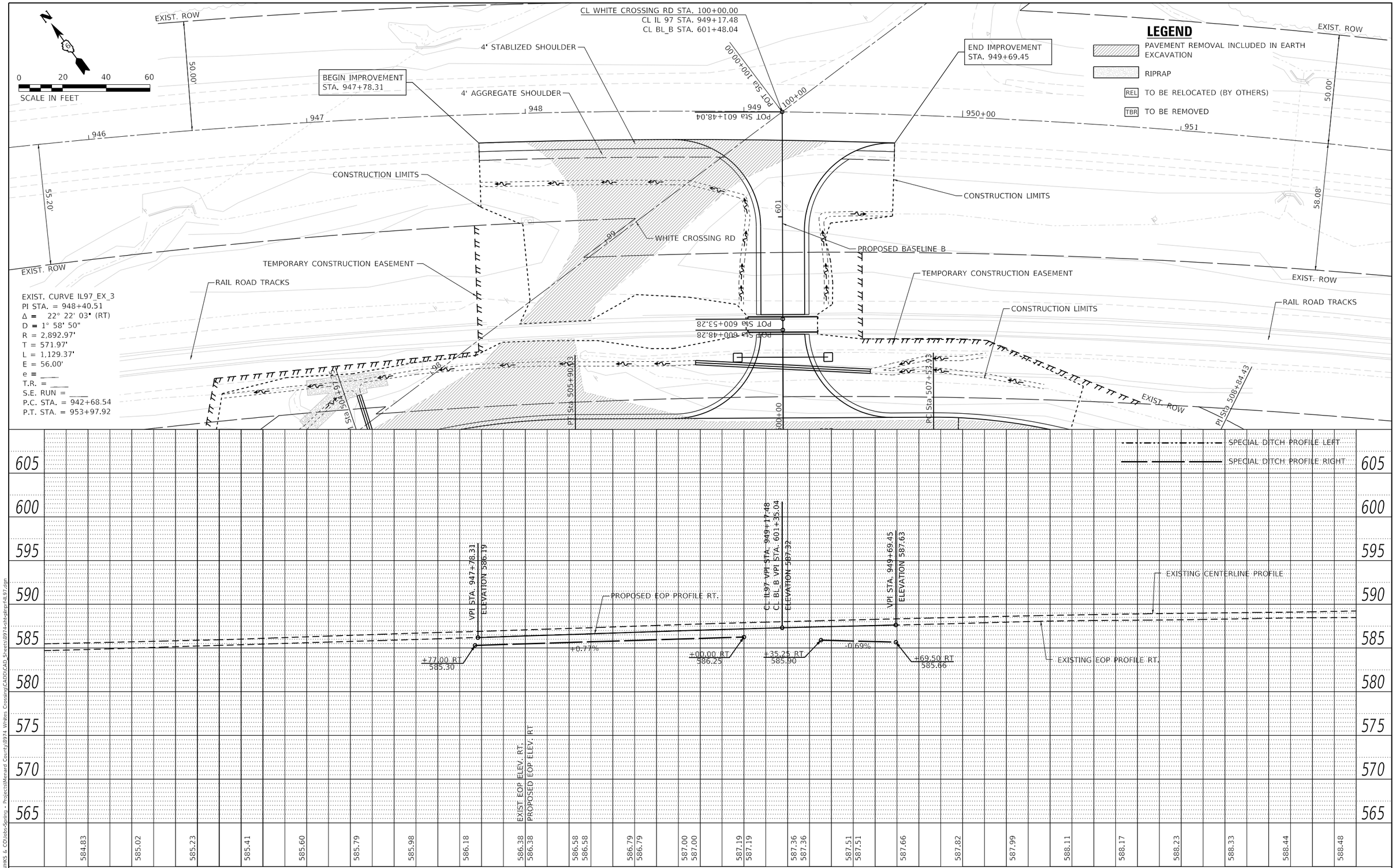
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -
	DRAWN - GSJ	REVISED -
PLOT SCALE = 480.0000 ' / ft.	CHECKED - MRL	REVISED -
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -

MENARD COUNTY HIGHWAY DEPARTMENT

PLAN AND PROFILE – BL B
WHITES CROSSING AVENUE

SCALE: 1" = 20' | SHEET 2 OF 3 SHEETS | STA. TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	13
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTAT'NS CHKD
NOTE BOOK NO.
BY
DATE

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design firm no. 184001036
whks
engineers + planners + land surveyors

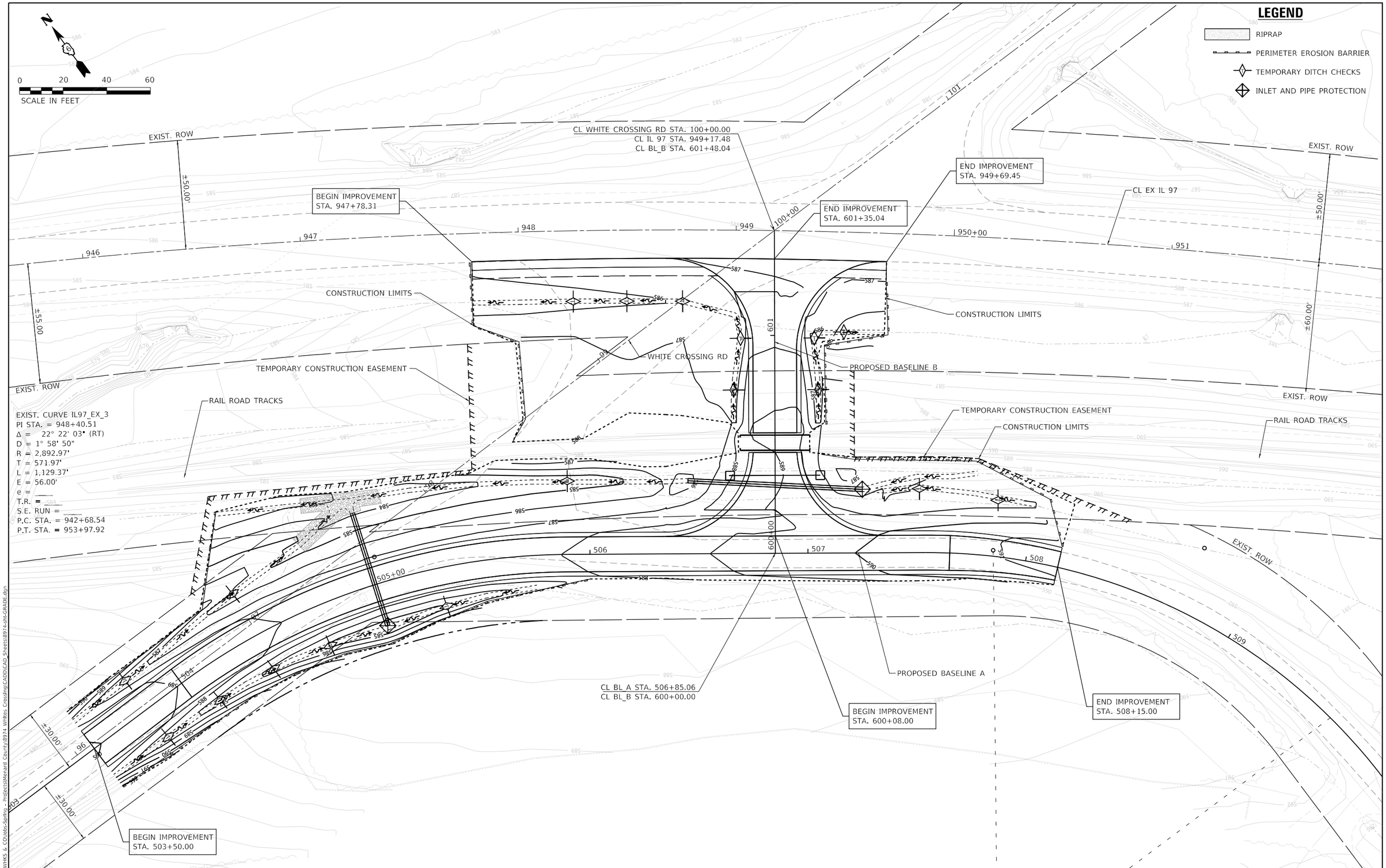
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 480.0000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

PLAN AND PROFILE – CL IL 97
WHITES CROSSING AVENUE

SCALE: 1" = 20' | SHEET 3 OF 3 SHEETS | STA. TO STA.

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	14
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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design firm no. 184001036

whks
engineers + planners + land surveyors

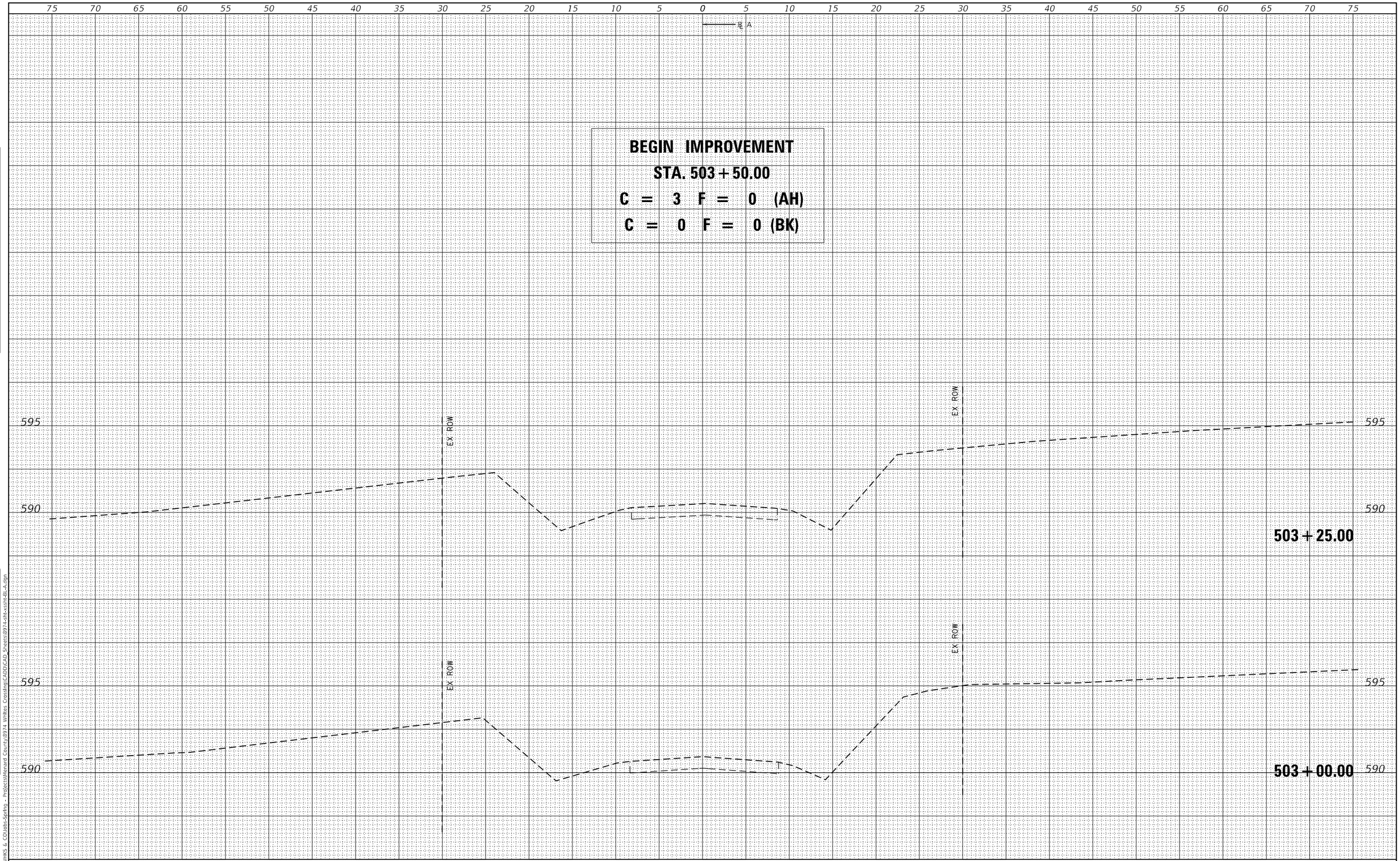
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 480.0000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

EROSION CONTROL AND GRADING PLAN
WHITES CROSSING AVENUE

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

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	15
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

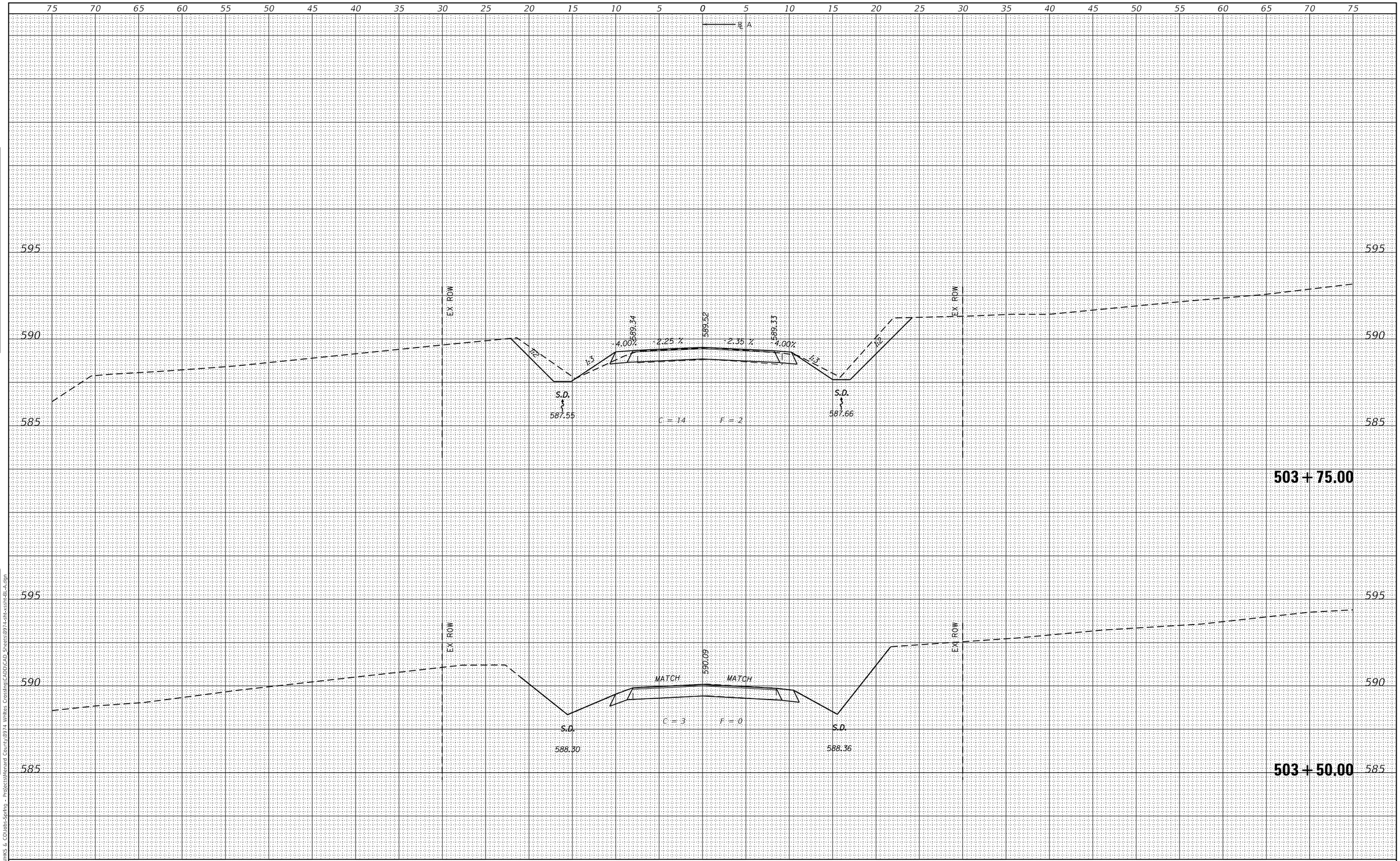
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 1 OF 12 SHEETS | STA. 503+00.00 TO STA. 503+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	16
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-xssh-BL-A.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

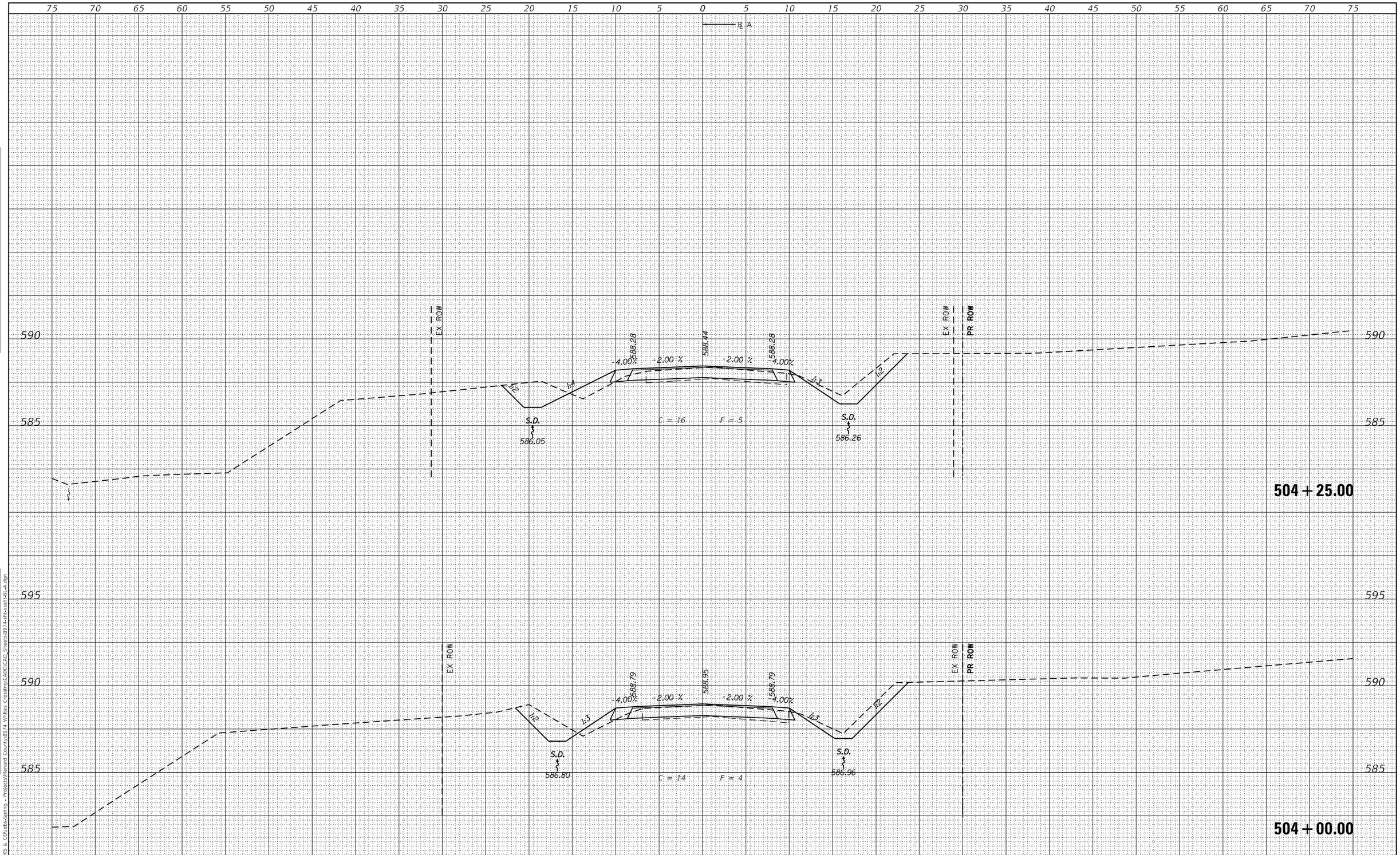
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 2 OF 12 SHEETS | STA. 503+50.00 TO STA. 503+75.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	17
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-xsht-BL-A.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

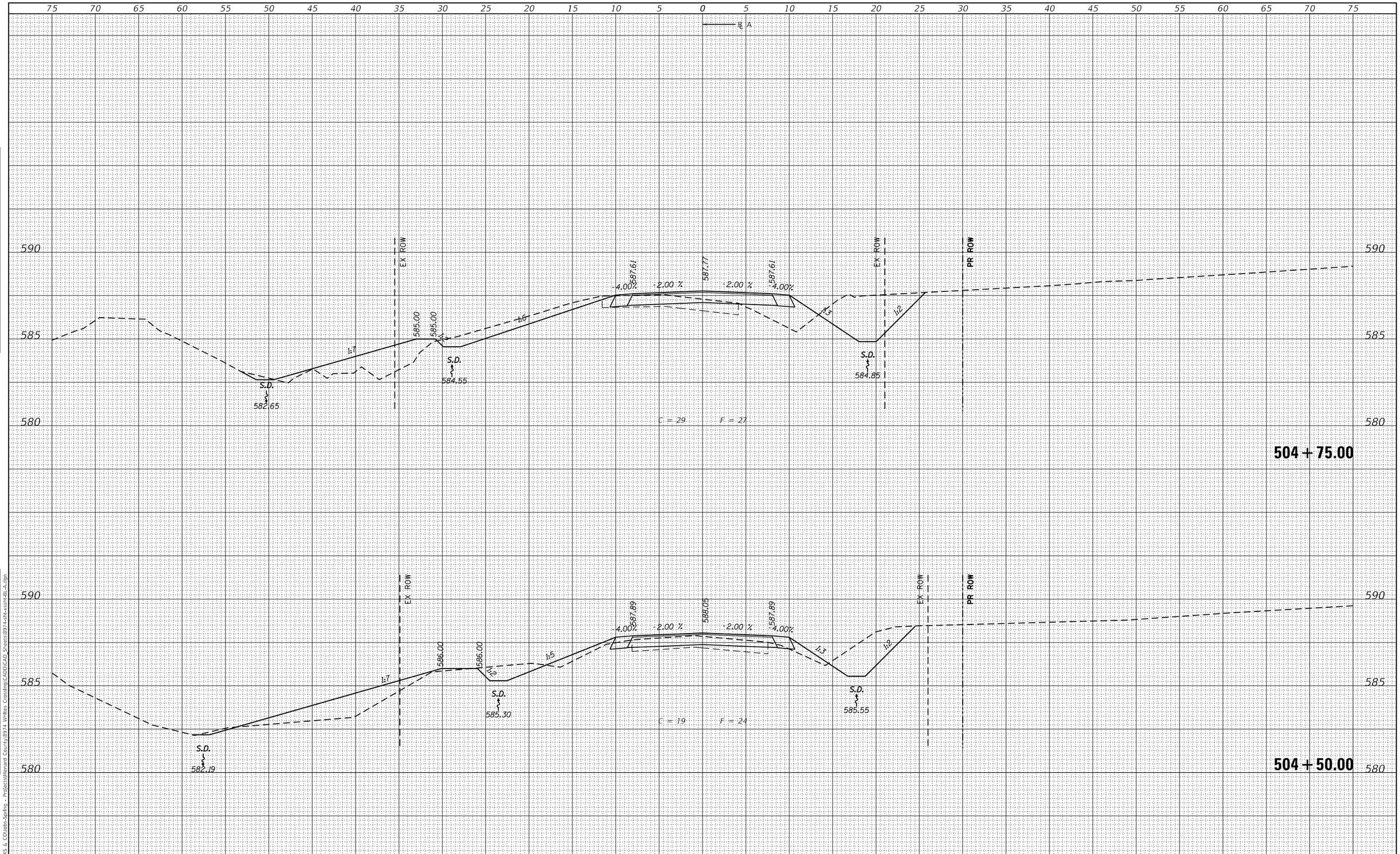
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 3 OF 12 SHEETS | STA. 504+00.00 TO STA. 504+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	18
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-xssh-BL-A.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

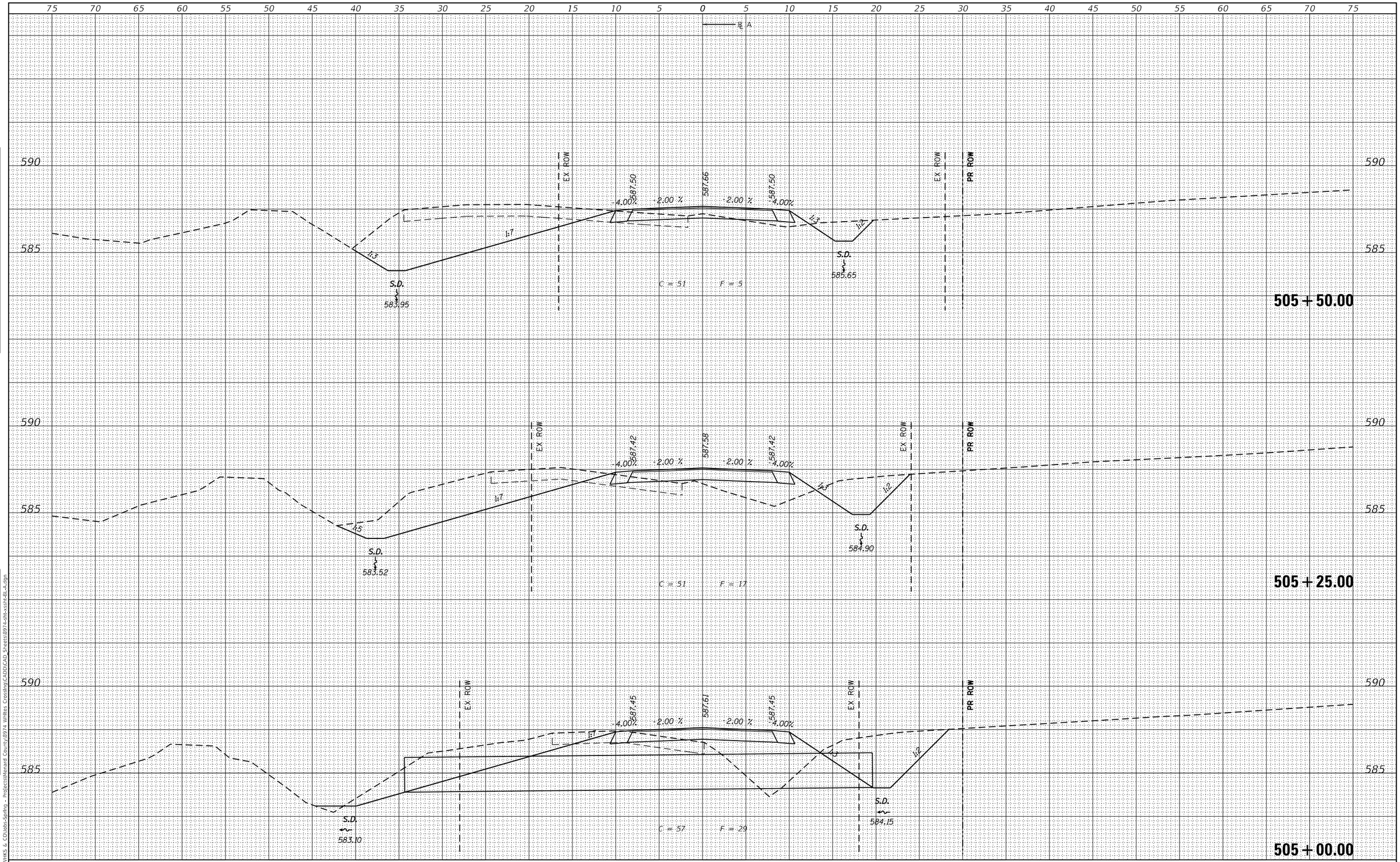
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 4 OF 12 SHEETS | STA. 504+50.00 TO STA. 504+75.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	19
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
FILE NAME: C:\SPW\WHKS & CO\Jobs-Spring - Projects\Menard County\9974 Whites Crossing\CADD\CAD Sheets\9974-sht-xsht-Bl-A.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

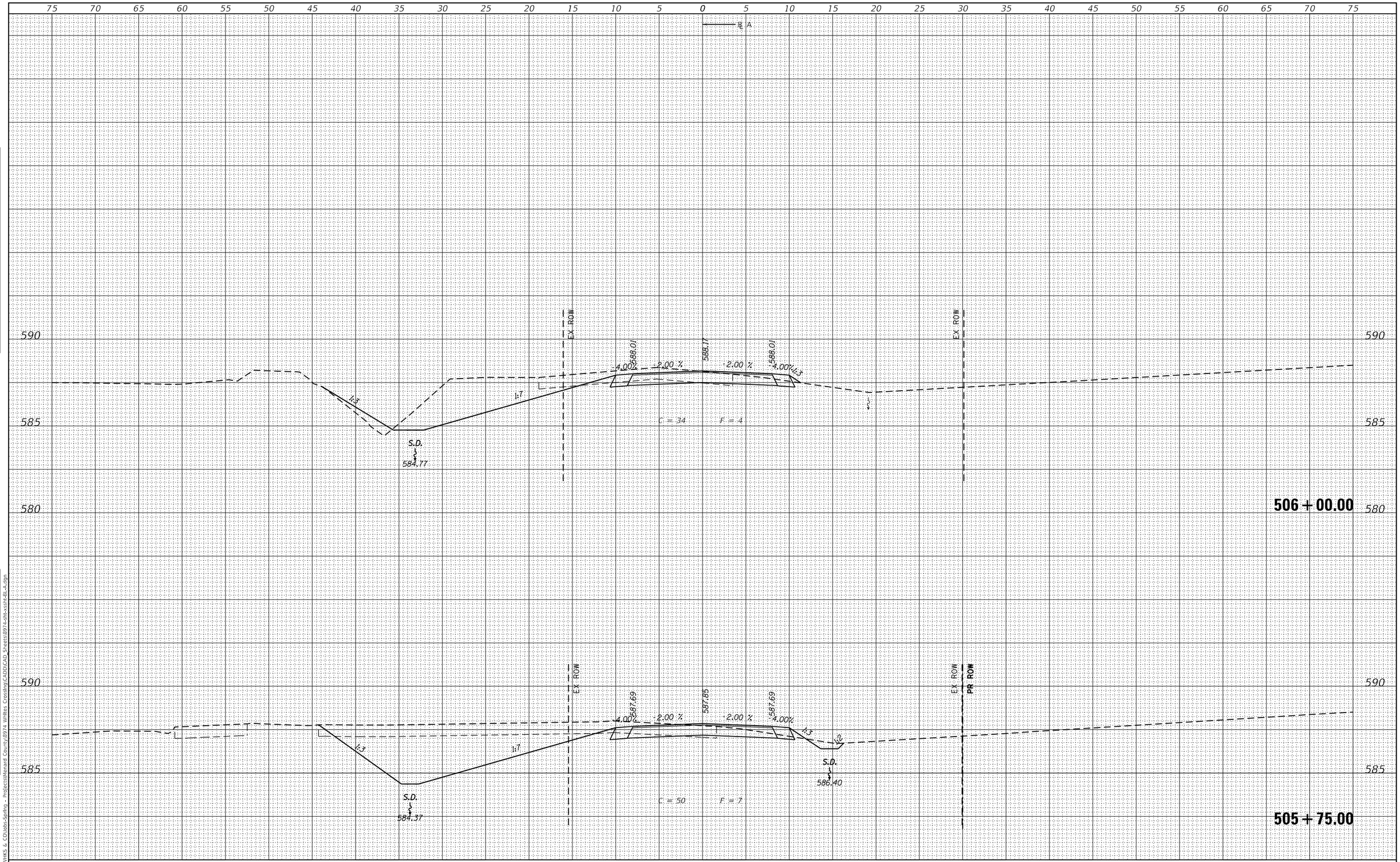
CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 5 OF 12 SHEETS | STA. 505+00.00 TO STA. 505+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	20

CONTRACT NO.

ILLINOIS | FED. AID PROJECT



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

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

MODEL: Default
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design firm no. 184001036
whks
engineers + planners + land surveyors

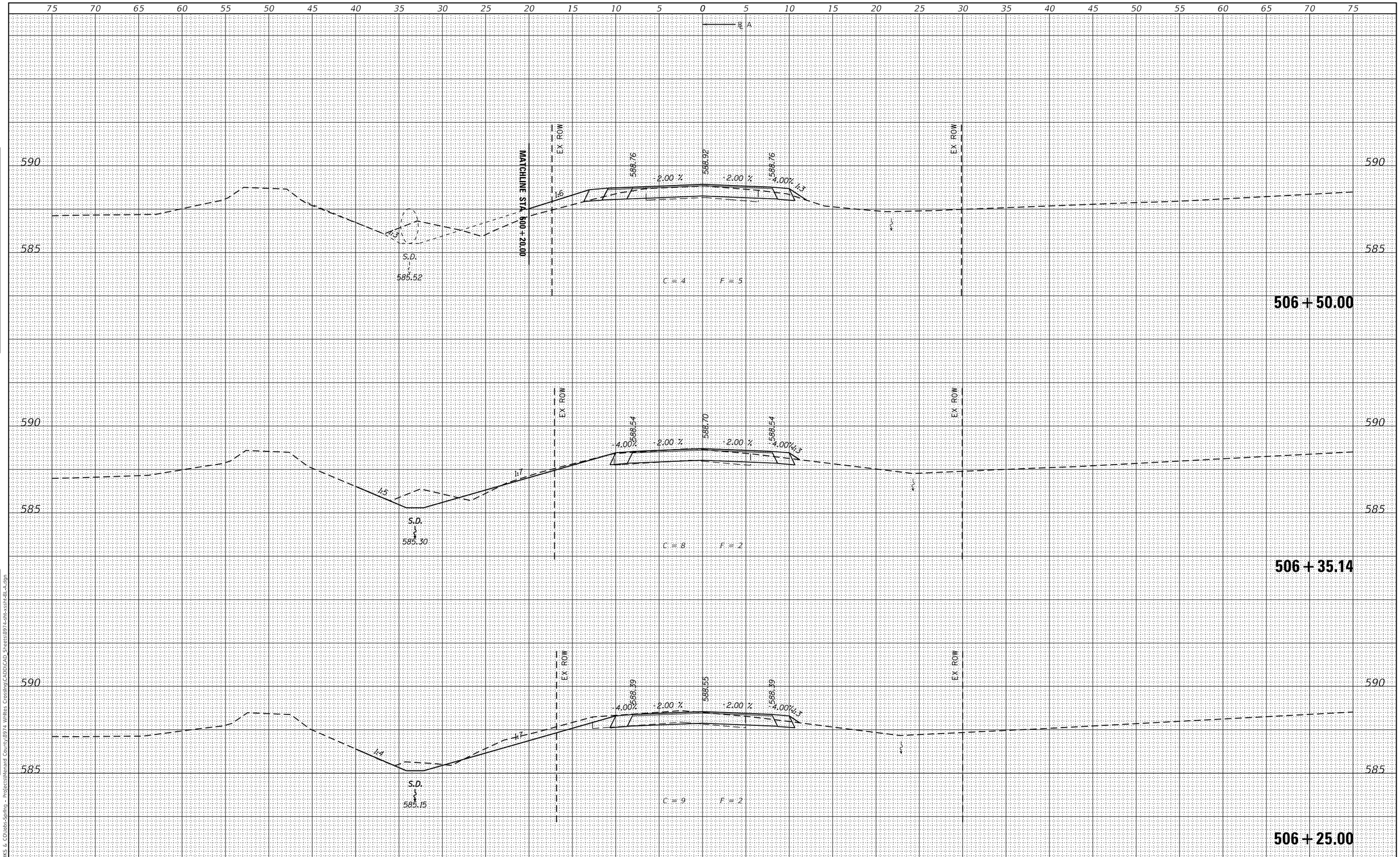
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 6 OF 12 SHEETS | STA. 505+75.00 TO STA. 506+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	21
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

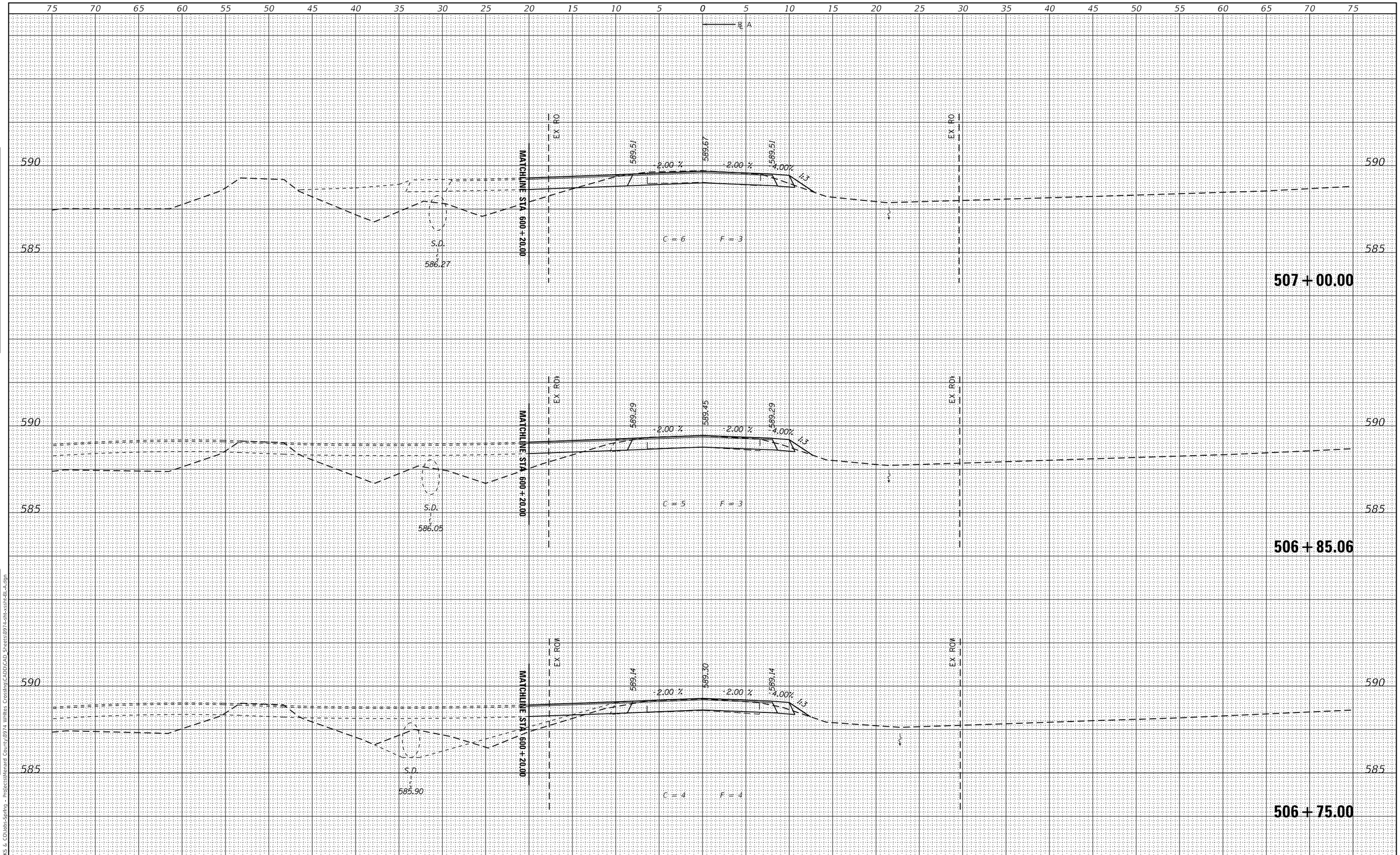
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 7 OF 12 SHEETS | STA. 506+25.00 TO STA. 506+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	22
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
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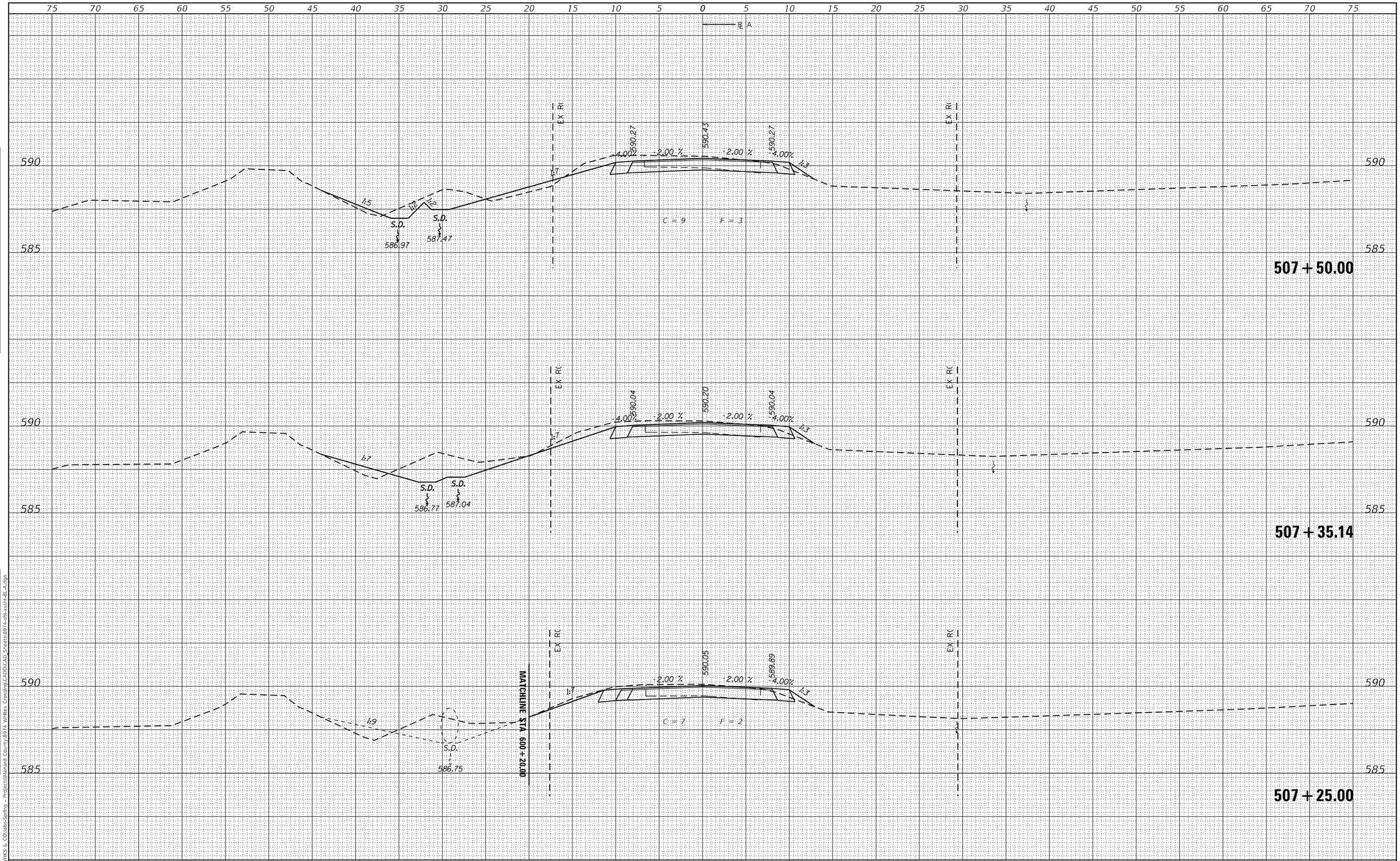
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 8 OF 12 SHEETS | STA. 506+75.00 TO STA. 507+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	23
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
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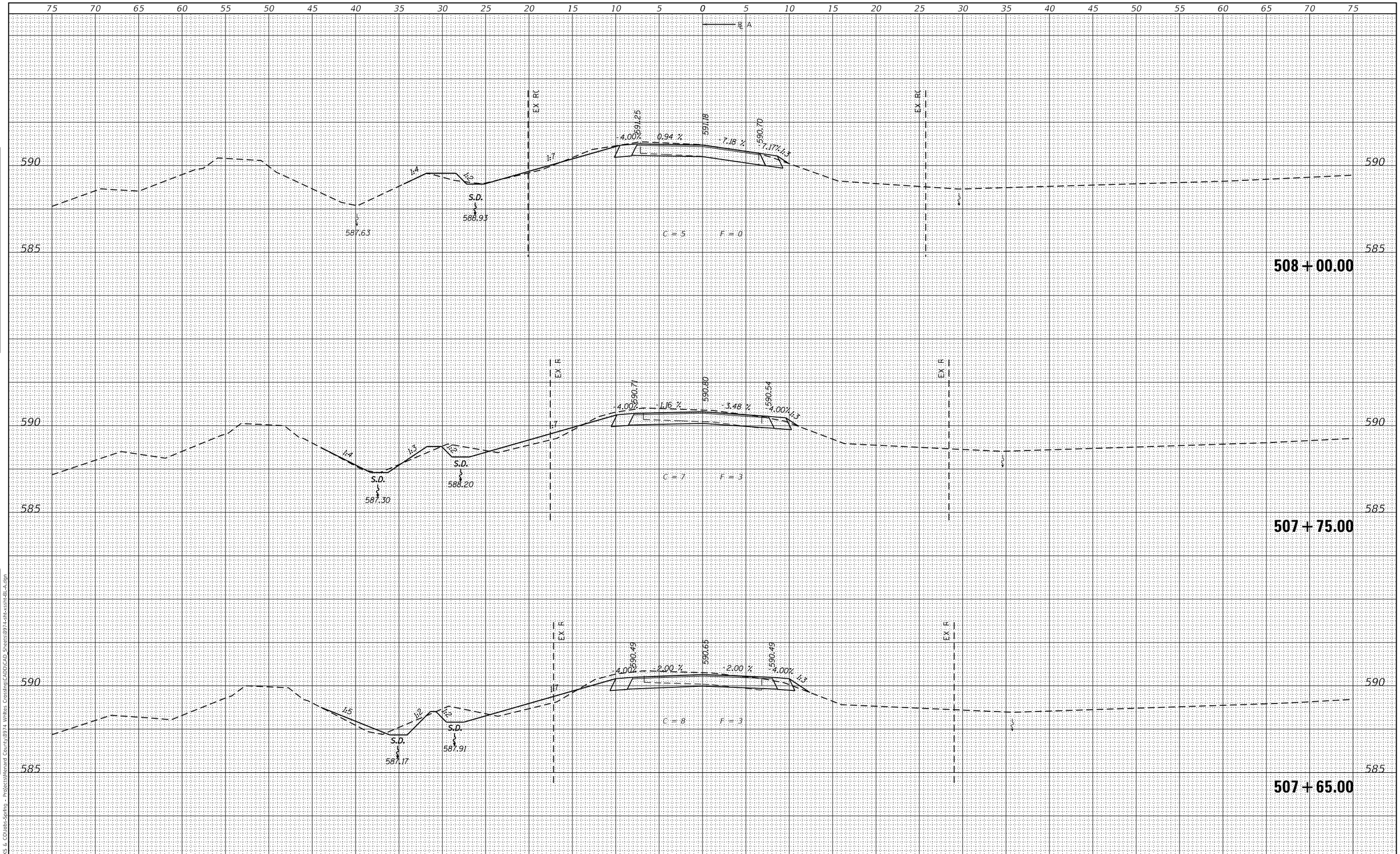
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 9 OF 12 SHEETS | STA. 507+25.00 TO STA. 507+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	24
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
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design firm no. 184001036
whks
engineers + planners + land surveyors

USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
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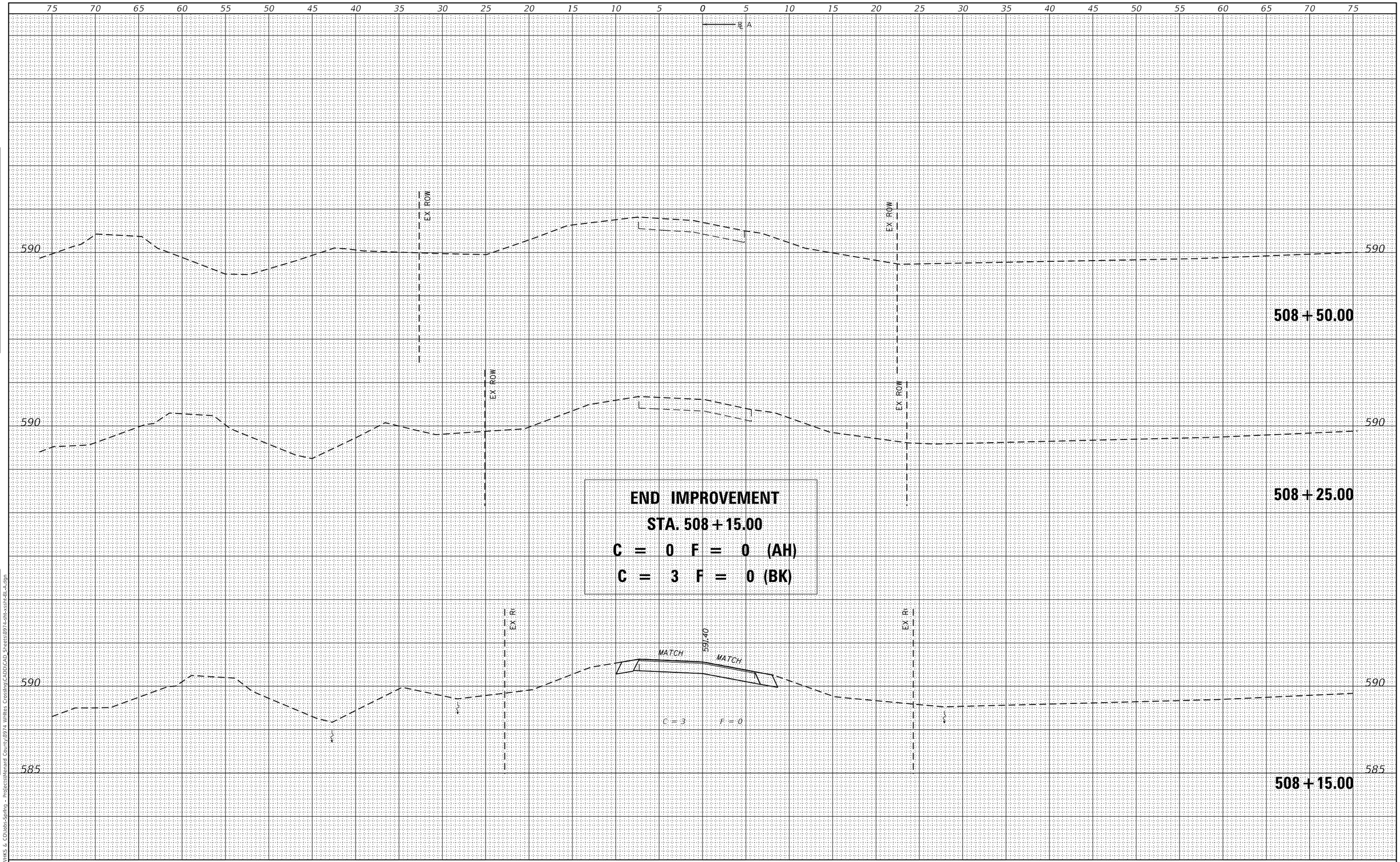
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 10 OF 12 SHEETS | STA. 507+65.00 TO STA. 508+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	25
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
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design firm no. 184001036
whks
engineers + planners + land surveyors

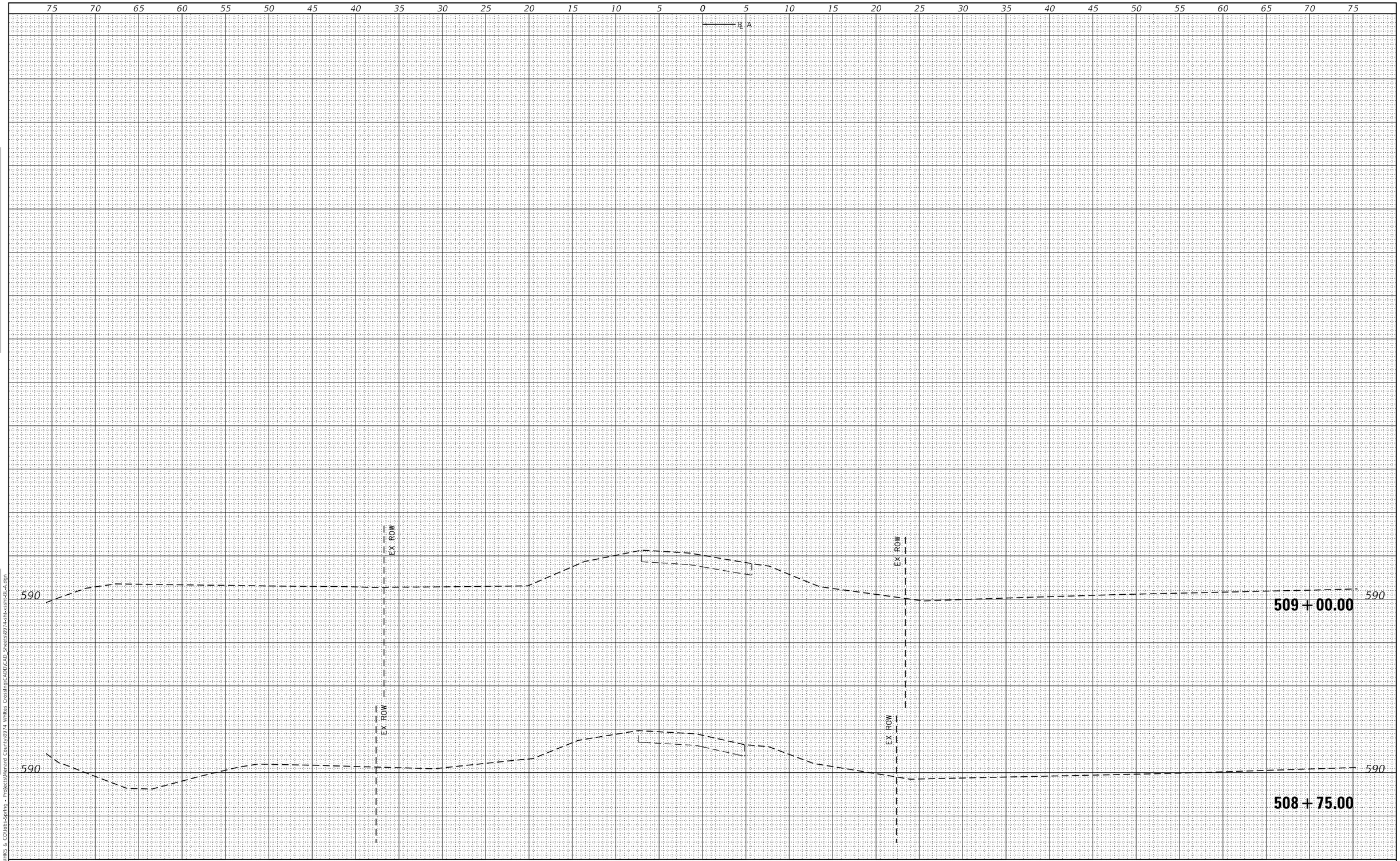
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -
	DRAWN - GSJ	REVISED -
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 11 OF 12 SHEETS | STA. 508+15.00 TO STA. 508+50.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	26
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

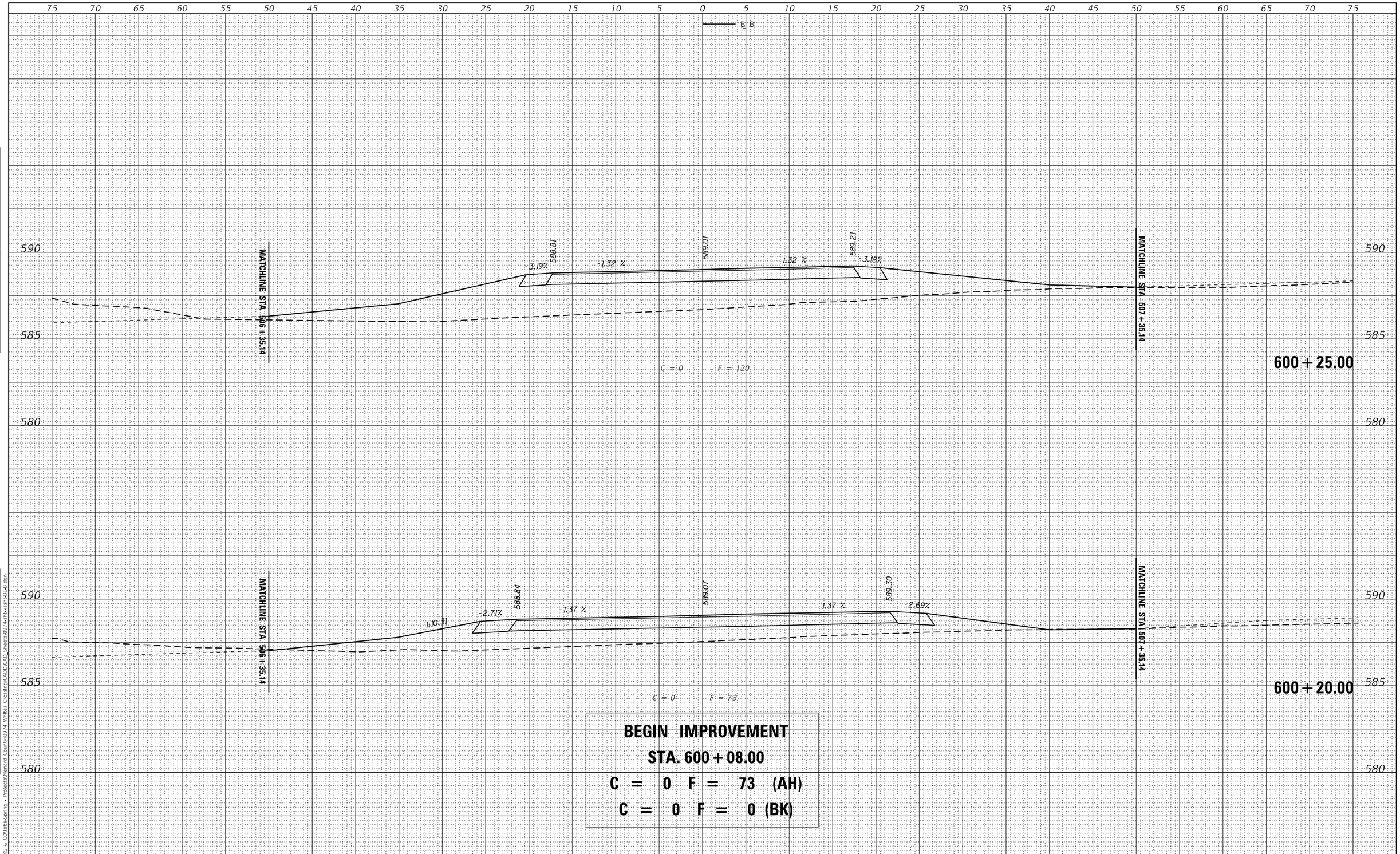
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE A
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 12 OF 12 SHEETS | STA. 508+75.00 TO STA. 509+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	27
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-xssh-BL-B.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

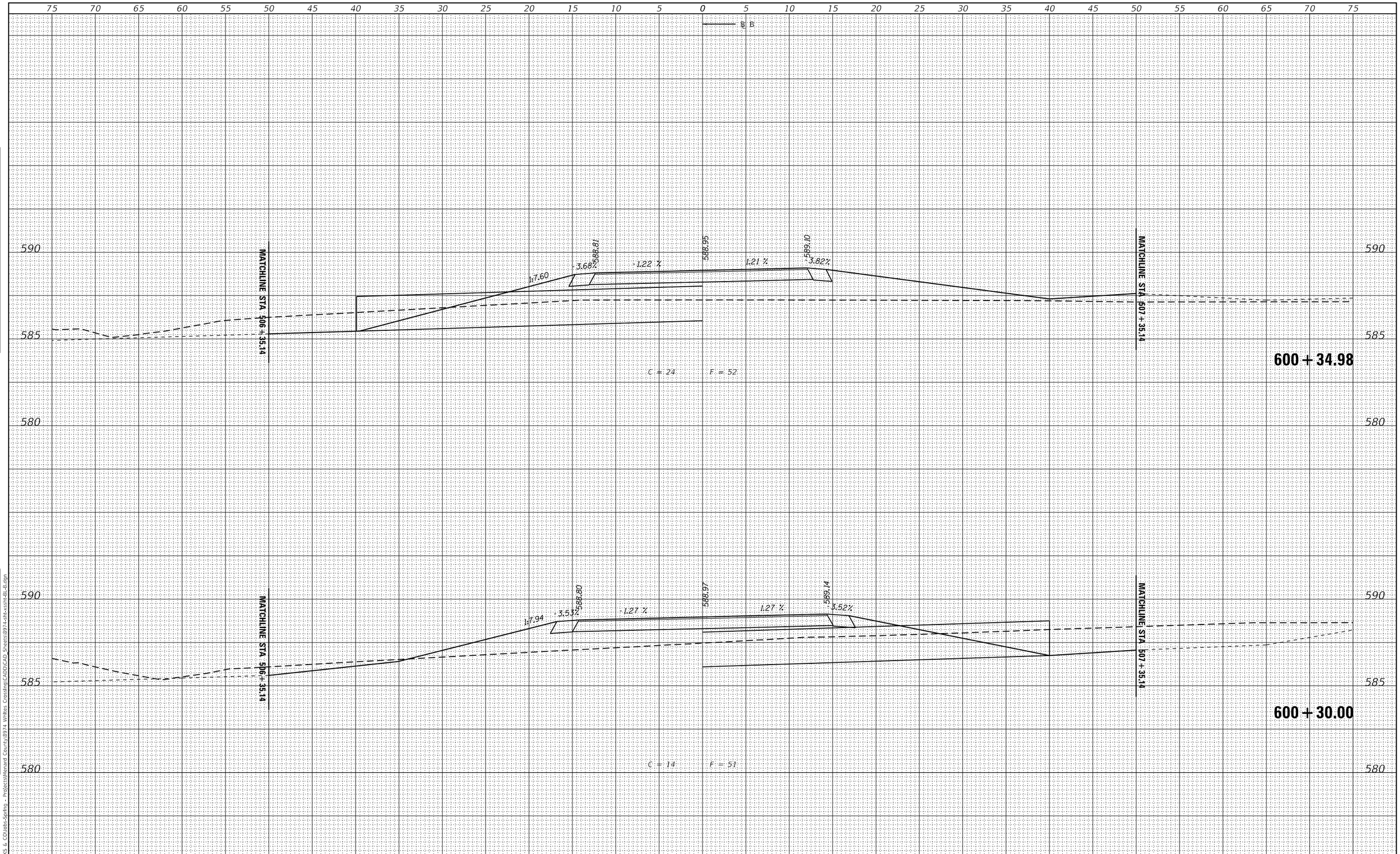
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE B
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 1 OF 8 SHEETS | STA. 600+20.00 TO STA. 600+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	28
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
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AREAS CHECKED		
NOTE BOOK		
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design firm no. 184001036
whks
engineers + planners + land surveyors

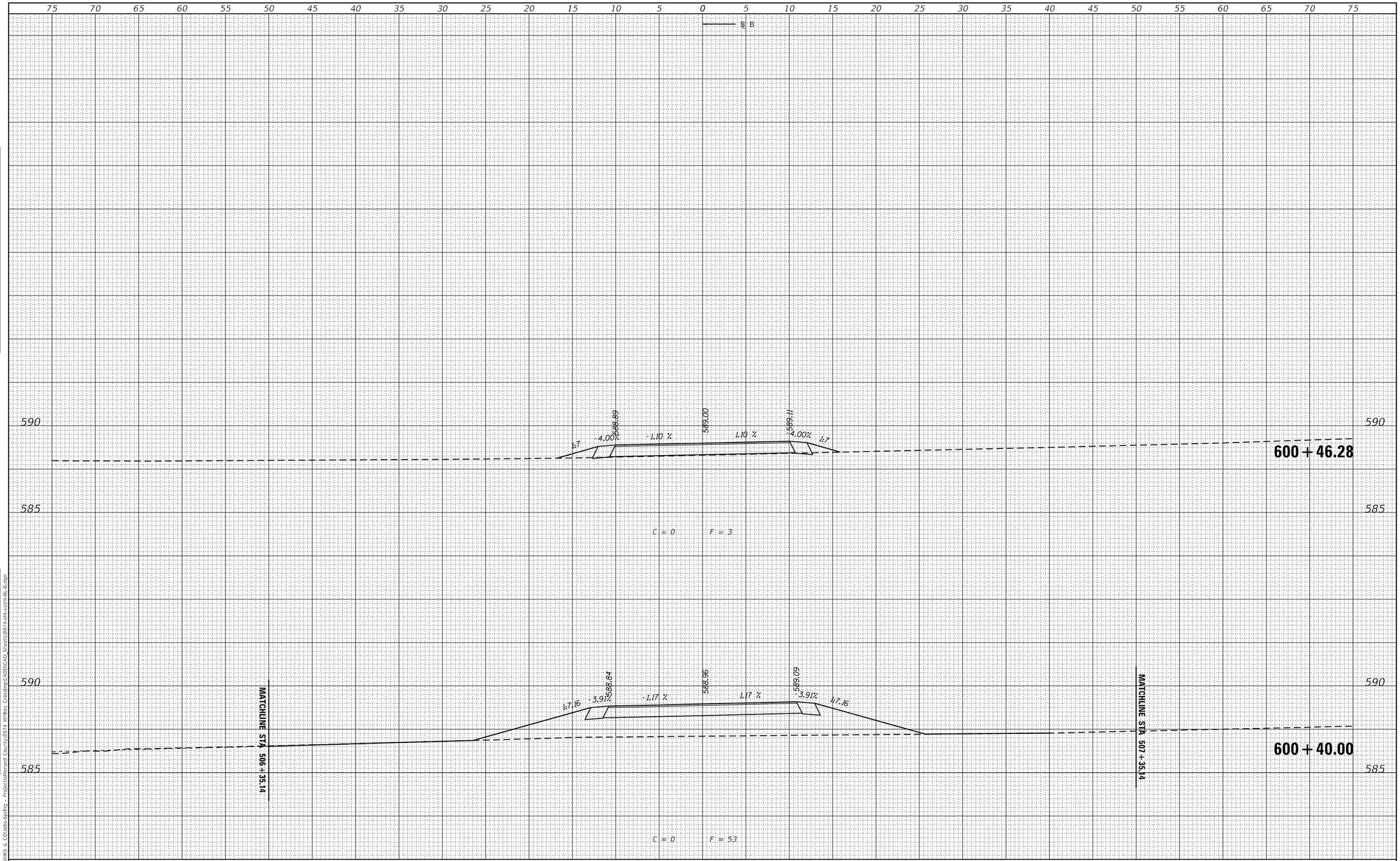
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE B
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 2 OF 8 SHEETS | STA. 600+30.00 TO STA. 600+34.98

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	29
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
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design firm no. 184001036
whks
engineers + planners + land surveyors

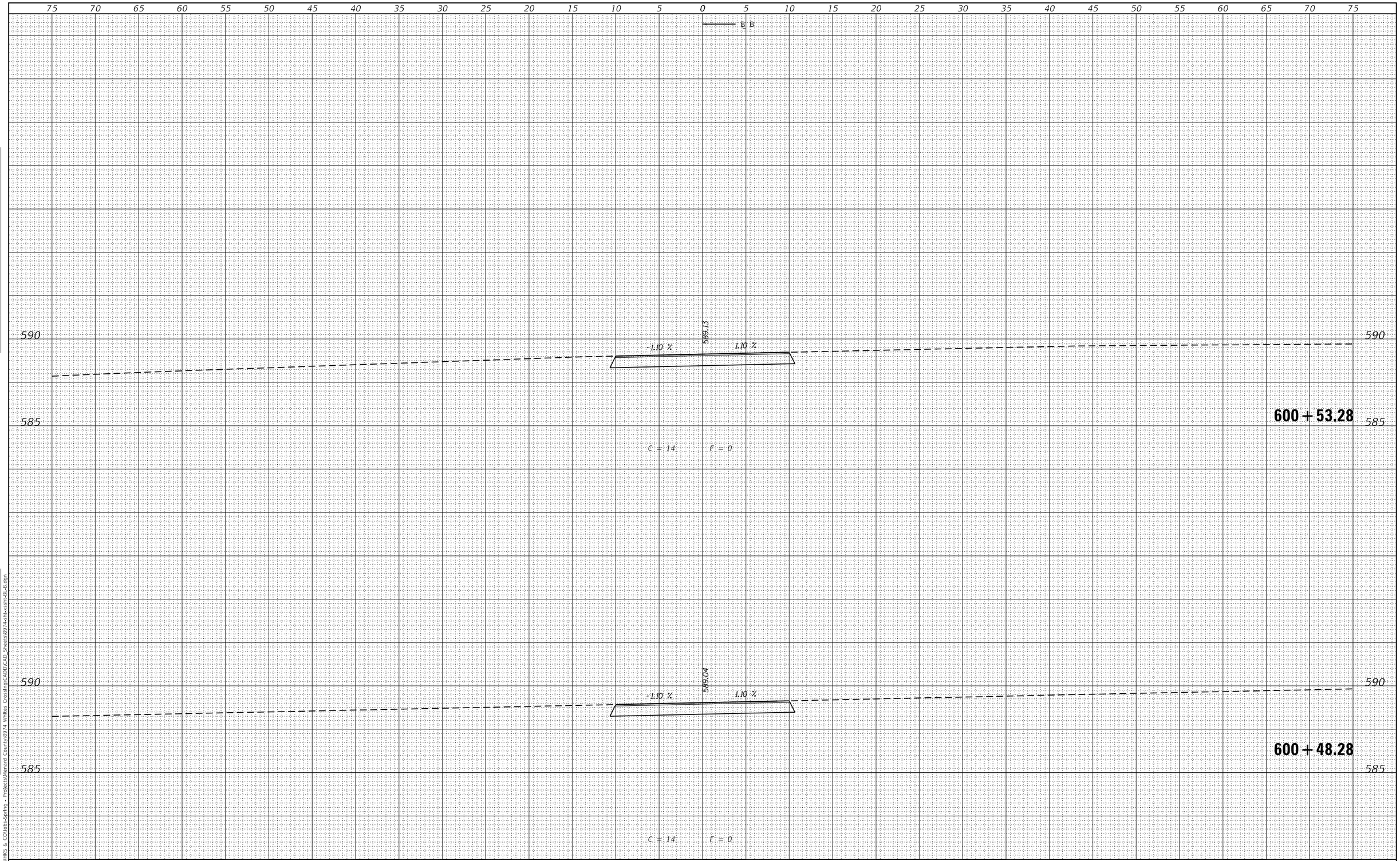
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE B
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 3 OF 8 SHEETS | STA. 600+40.00 TO STA. 600+46.28

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	30
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

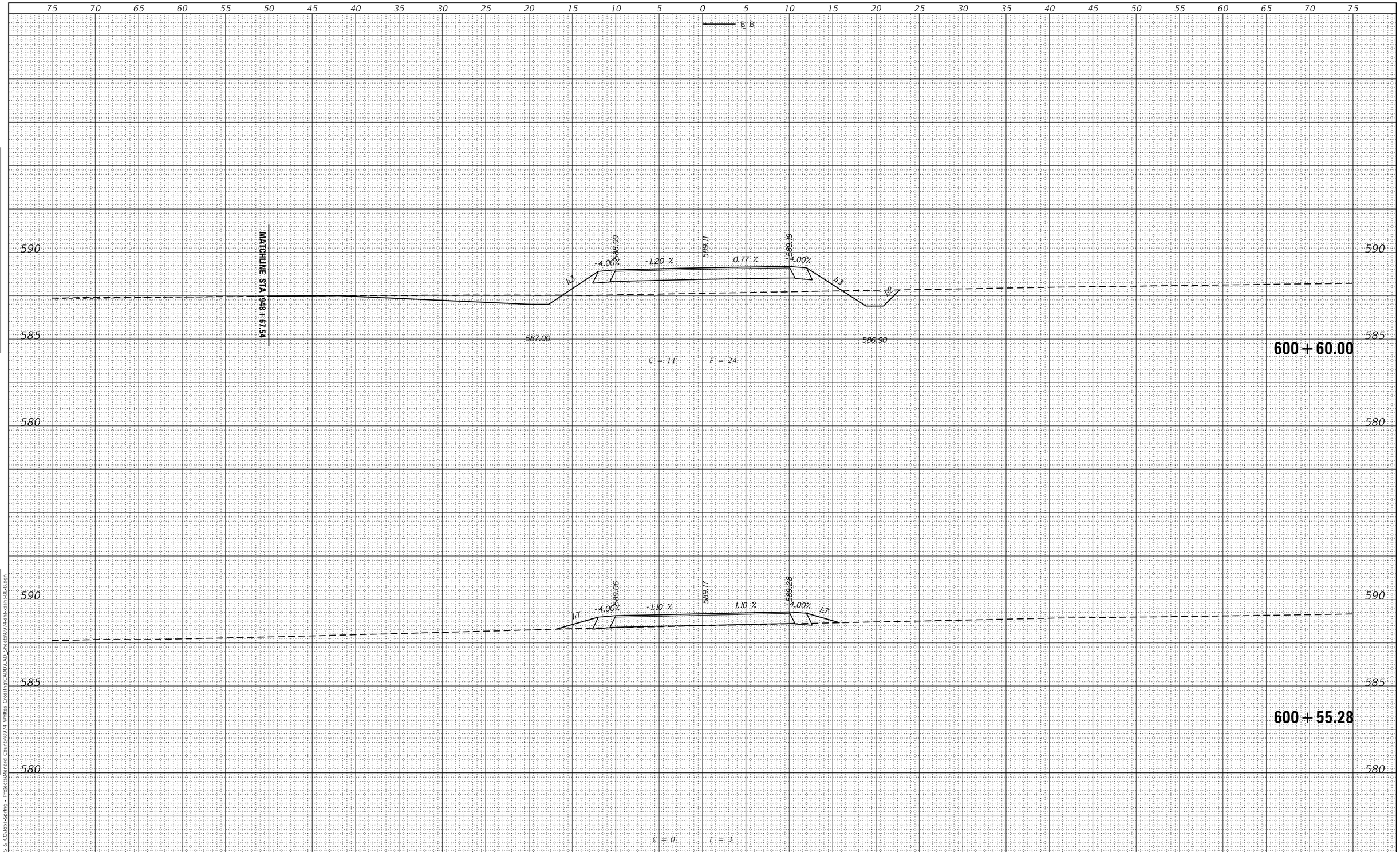
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE B
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 4 OF 8 SHEETS | STA. 600+48.28 TO STA. 600+53.28

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	31
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-xsshi-BL-B.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

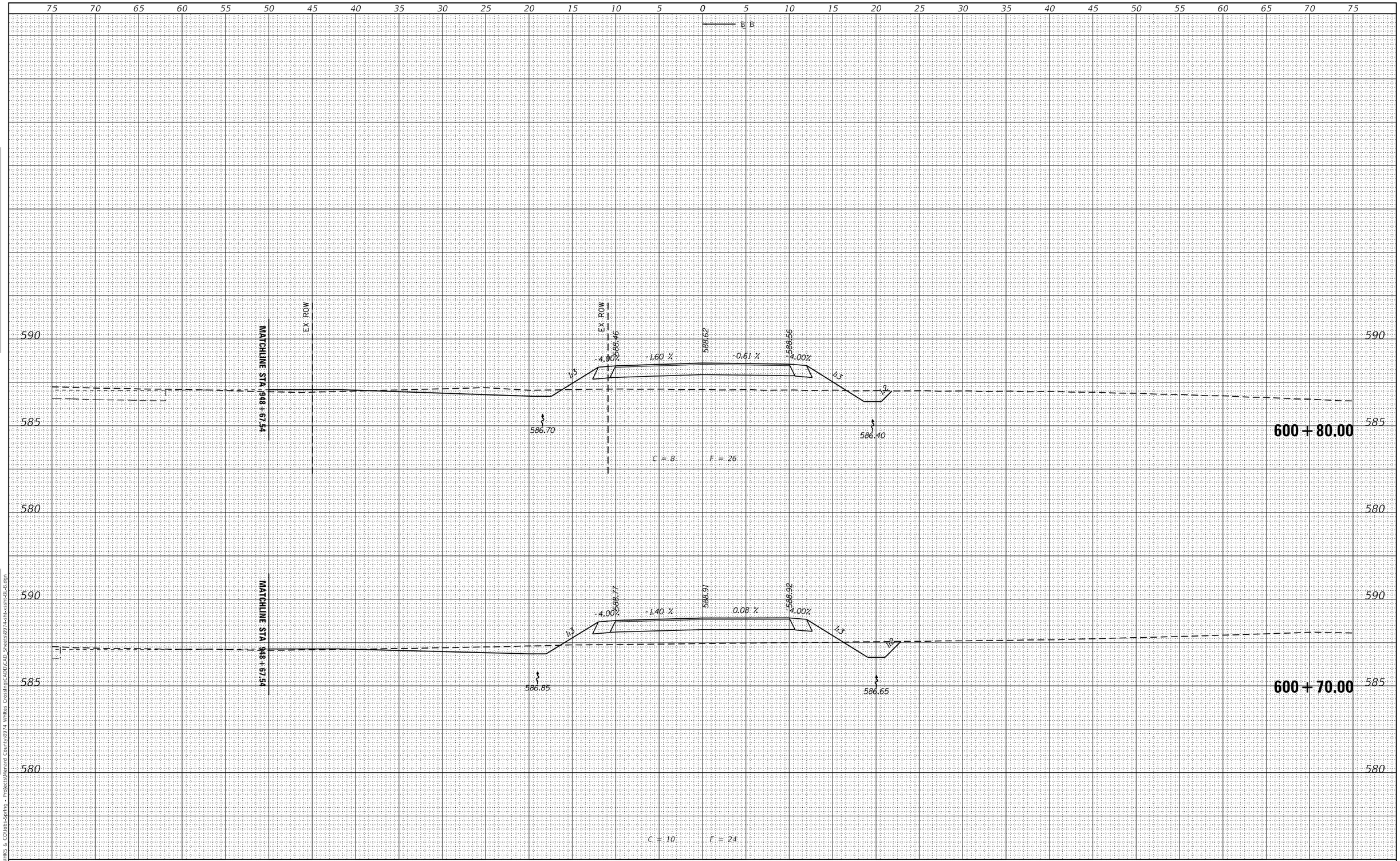
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE B
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 5 OF 8 SHEETS | STA. 600+55.28 TO STA. 600+60.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	32
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

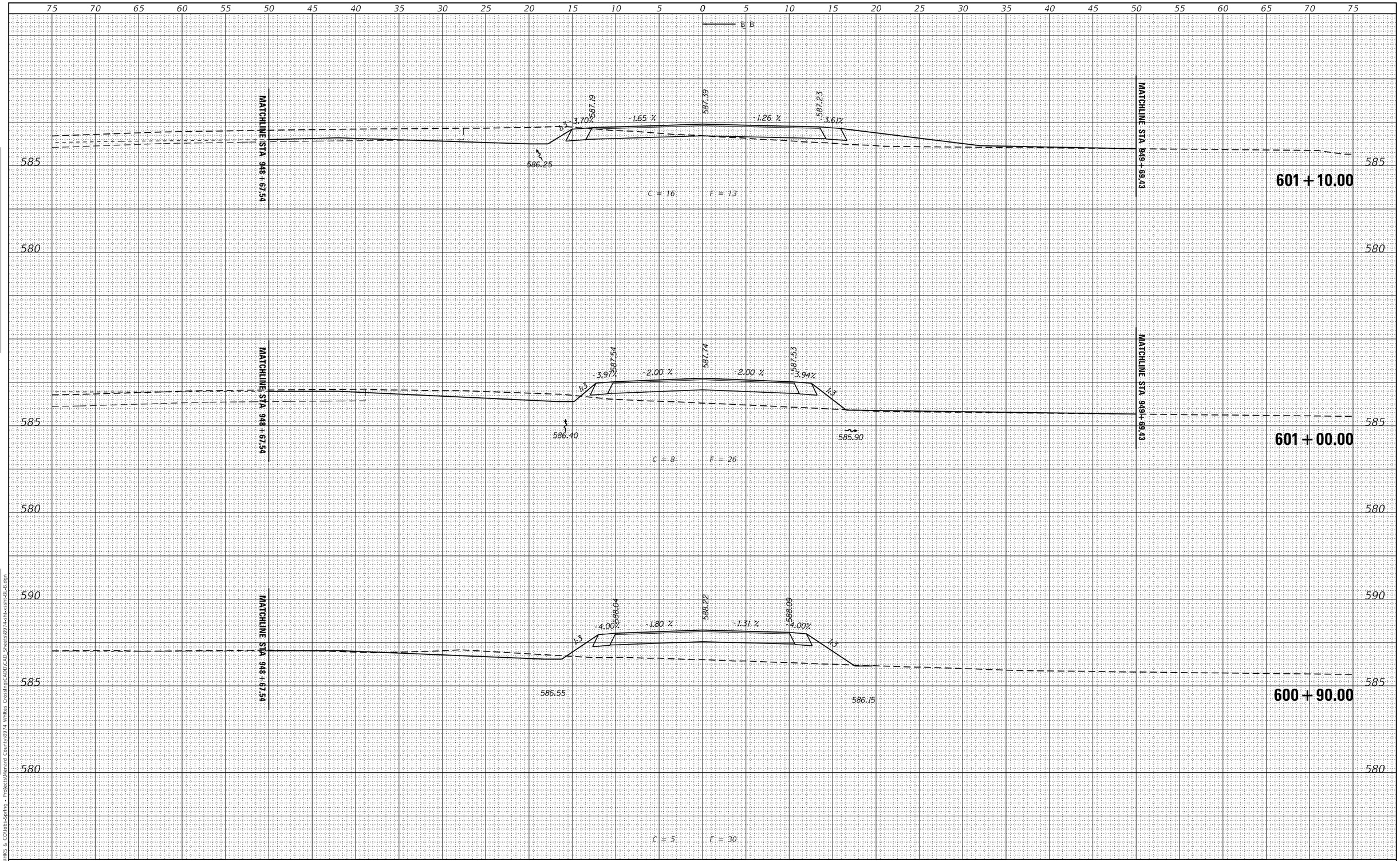
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE B
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 6 OF 8 SHEETS | STA. 600+70.00 TO STA. 600+80.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	33
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



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

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

MODEL: Default
FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-xssh-BL-B.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

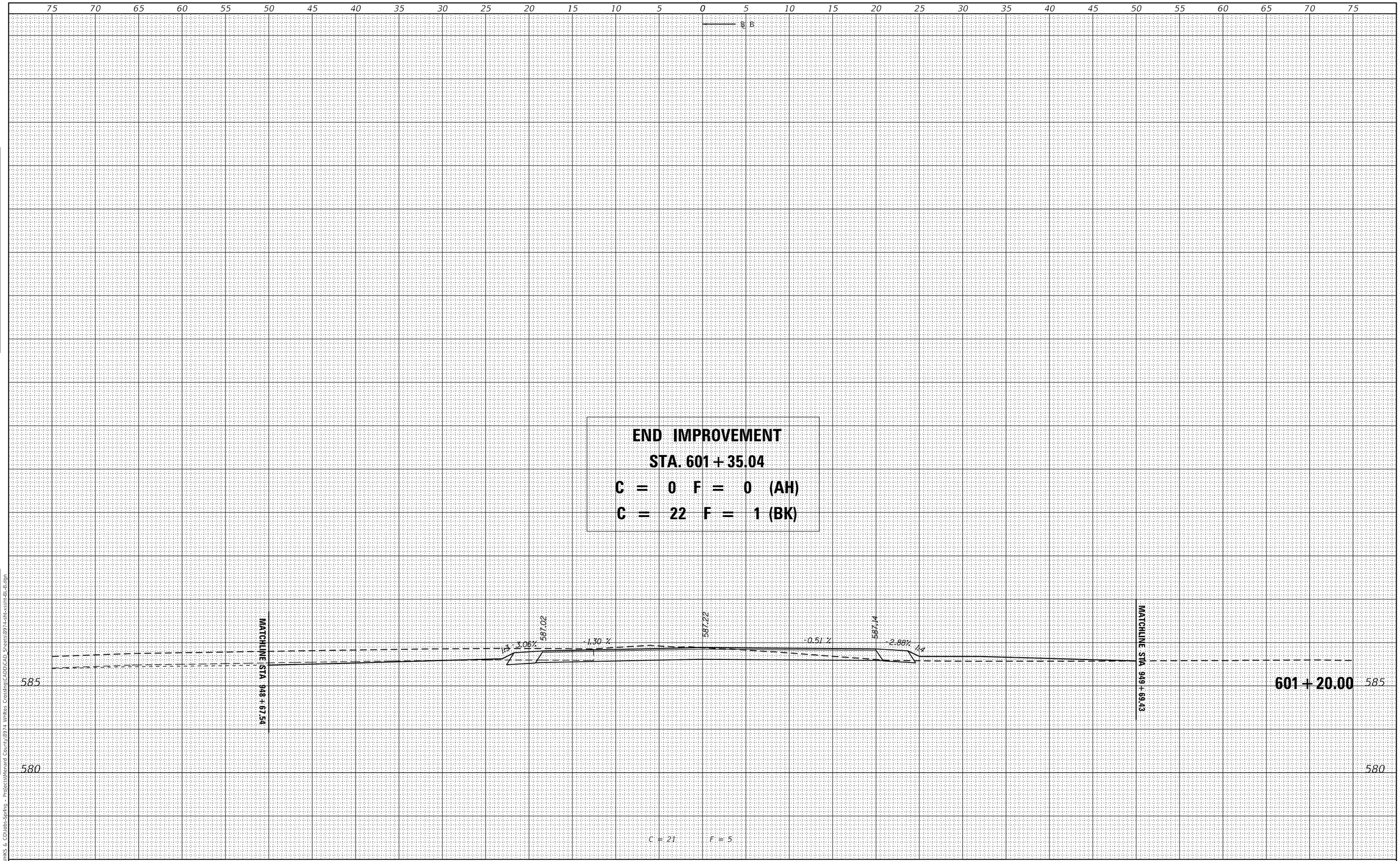
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE B
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 7 OF 8 SHEETS | STA. 600+90.00 TO STA. 601+10.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	34
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-xssh-BL-B.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

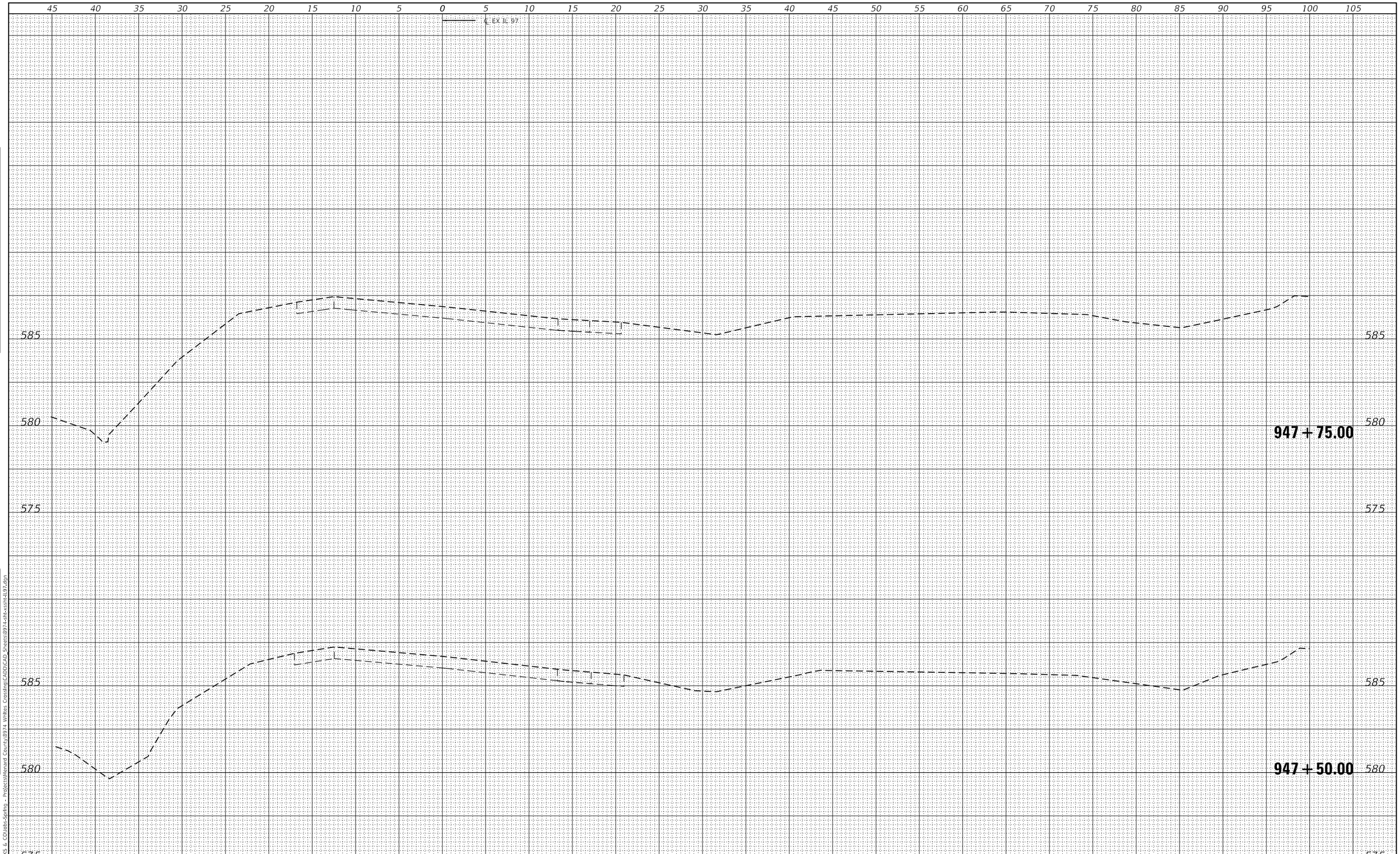
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS BASELINE B
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 8 OF 8 SHEETS | STA. 601+20.00 TO STA. 601+20.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	35
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Default
FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-xssh-il97.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

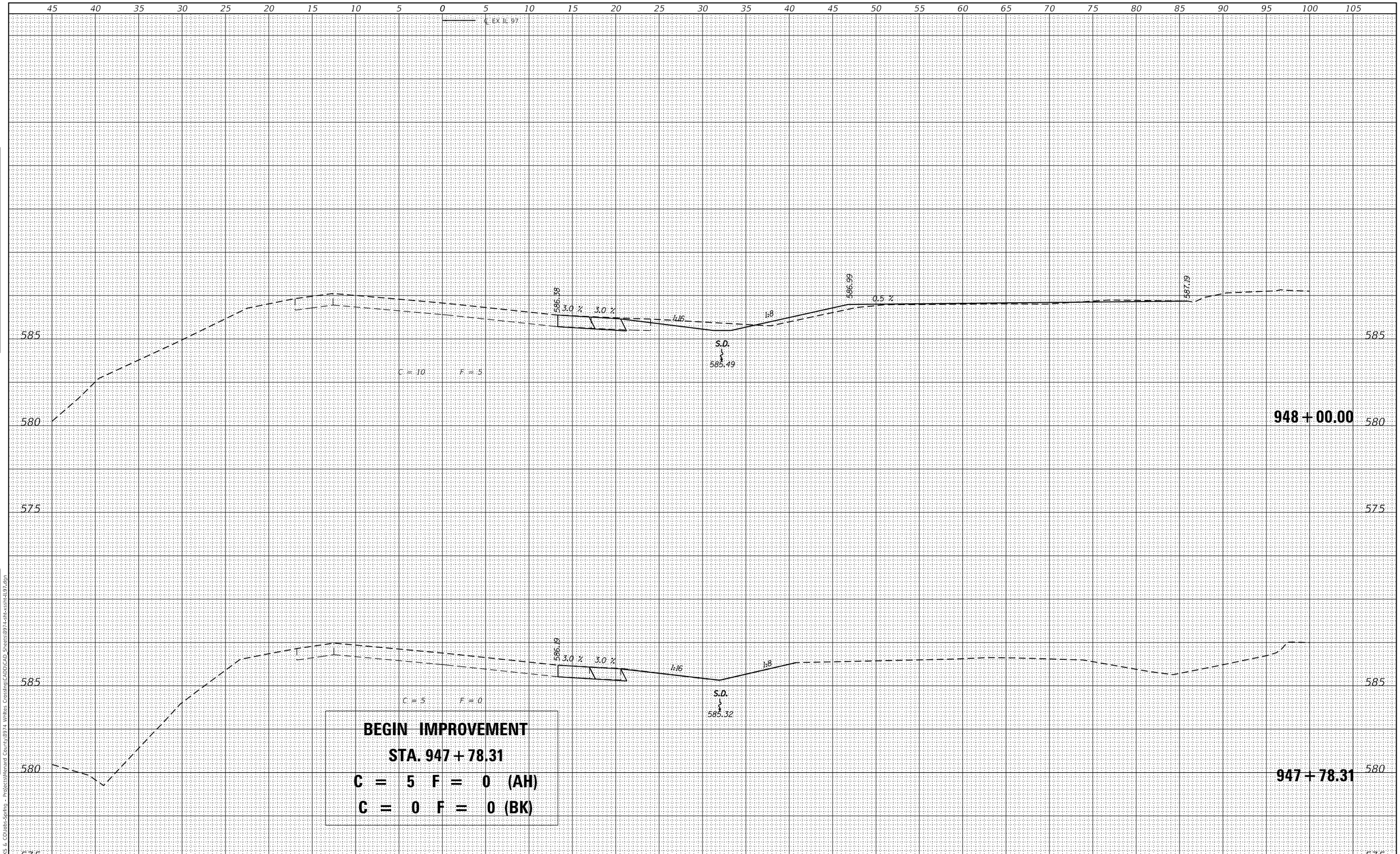
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS IL 97
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 1 OF 8 SHEETS | STA. 947+50.00 TO STA. 947+75.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	36
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



BEGIN IMPROVEMENT

STA. 947 + 78.31

C = 5 F = 0 (AH)

C = 0 F = 0 (BK)

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

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

MODEL: Default
FILE NAME: C:\SPWHKS & CO\Jobs-Spring - Projects\Menard County\8974 Whites Crossing\CADD\CAD Sheets\8974-sht-xssh-il97.dgn

design firm no. 184001036
whks
engineers + planners + land surveyors

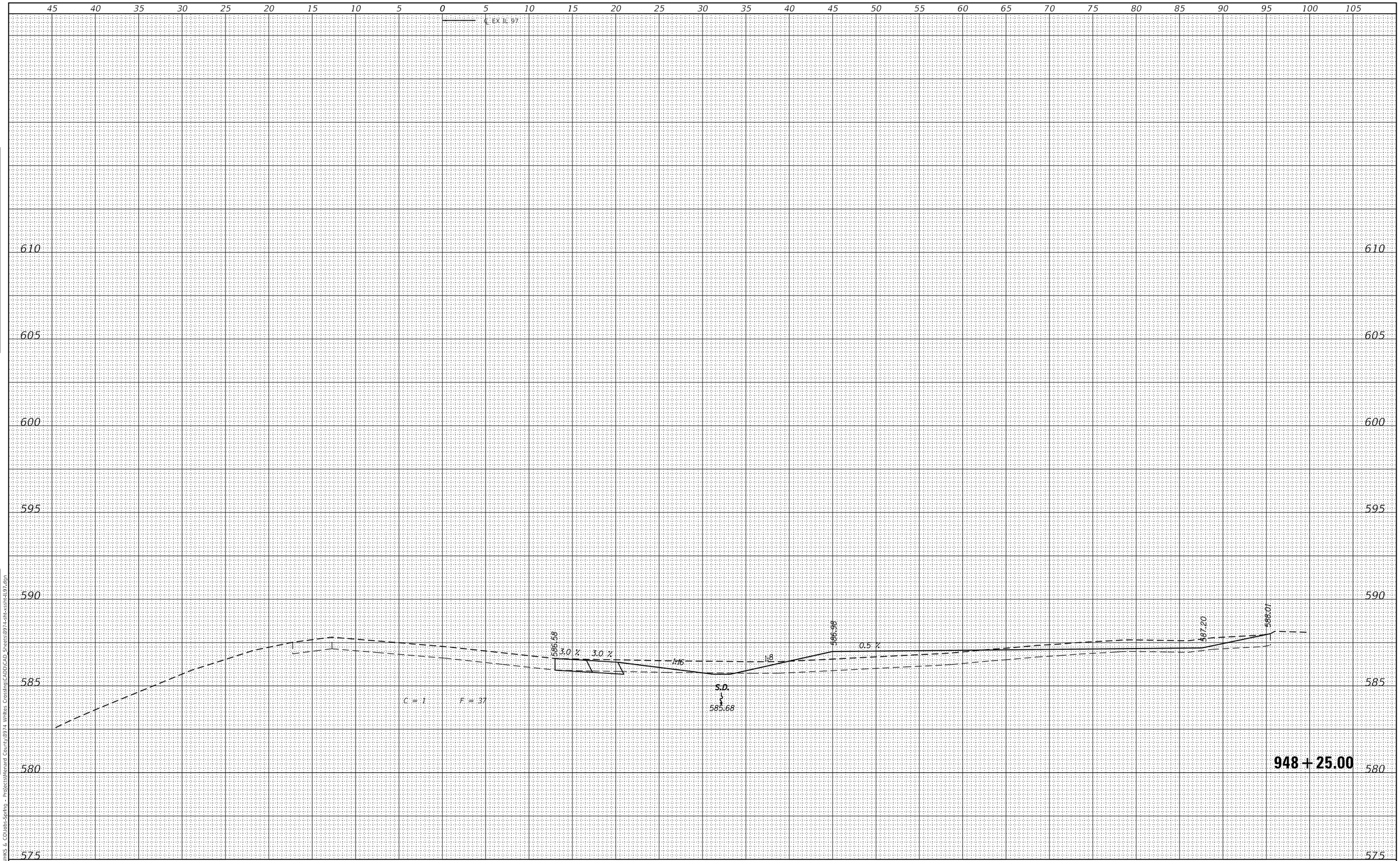
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS IL 97
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 2 OF 8 SHEETS | STA. 947+78.31 TO STA. 948+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	37
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

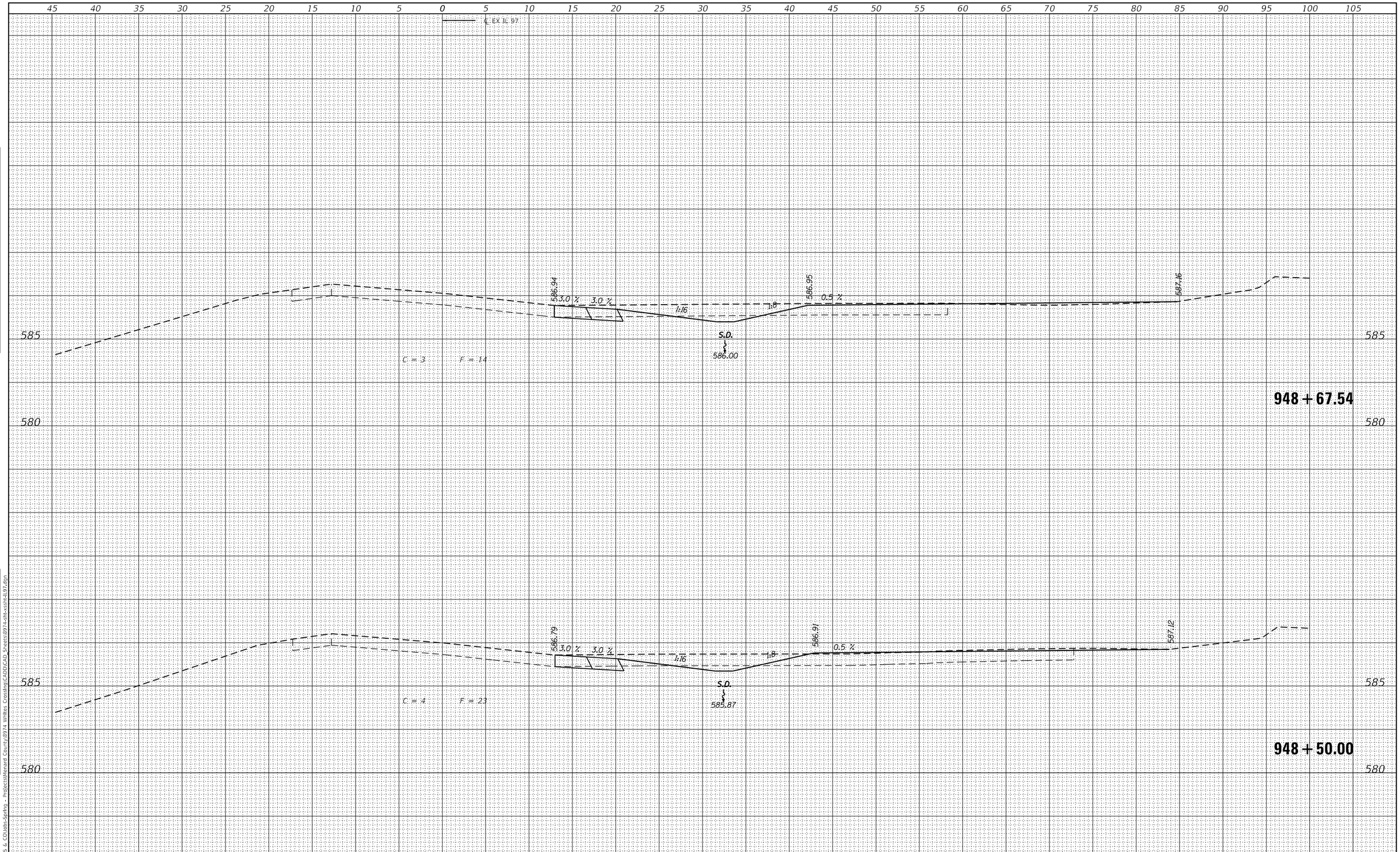
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS IL 97
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 3 OF 8 SHEETS | STA. 948+25.00 TO STA. 948+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	38
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

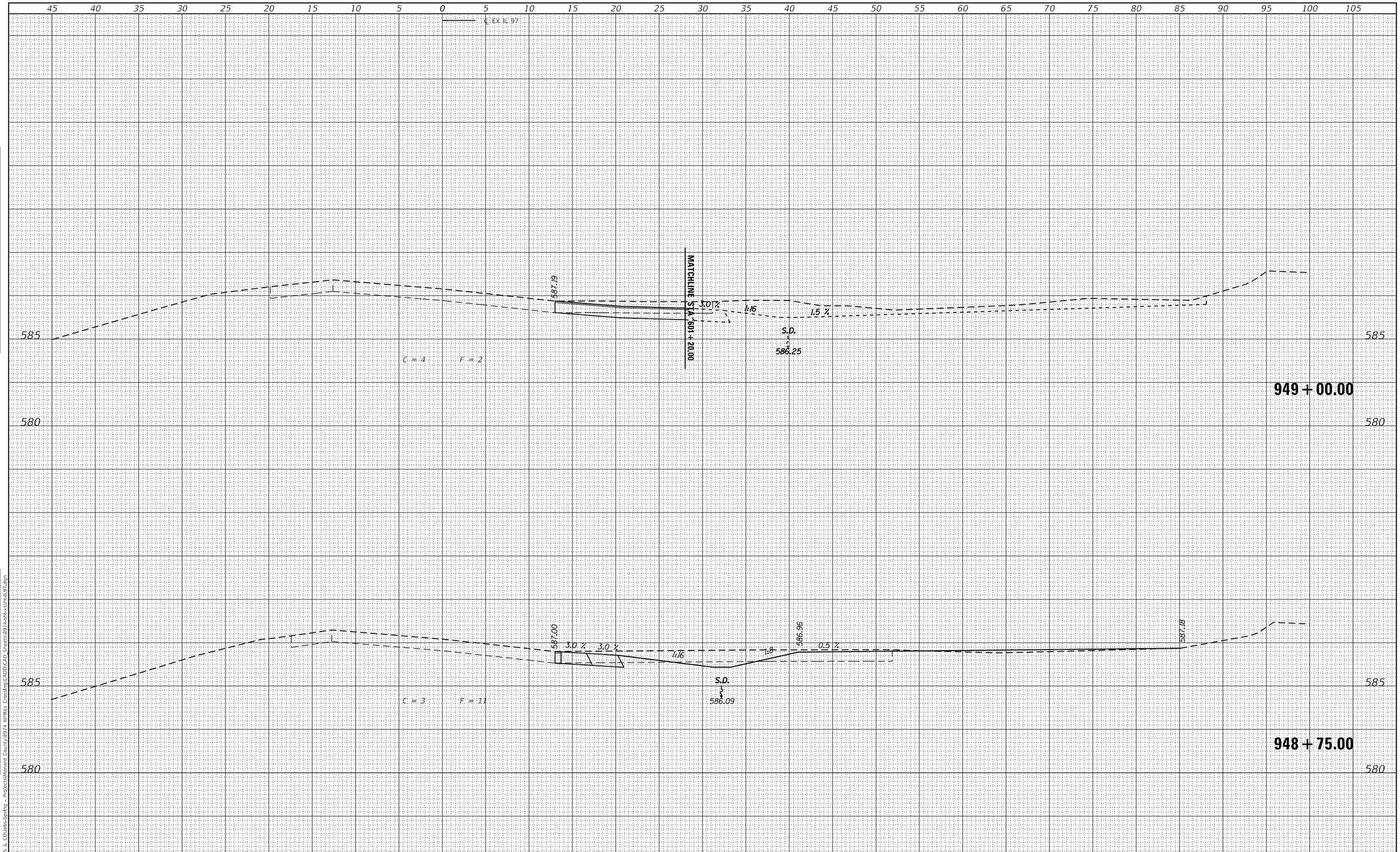
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS IL 97
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 4 OF 8 SHEETS | STA. 948+50.00 TO STA. 948+67.54

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	39
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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		

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design firm no. 184001036
whks
engineers + planners + land surveyors

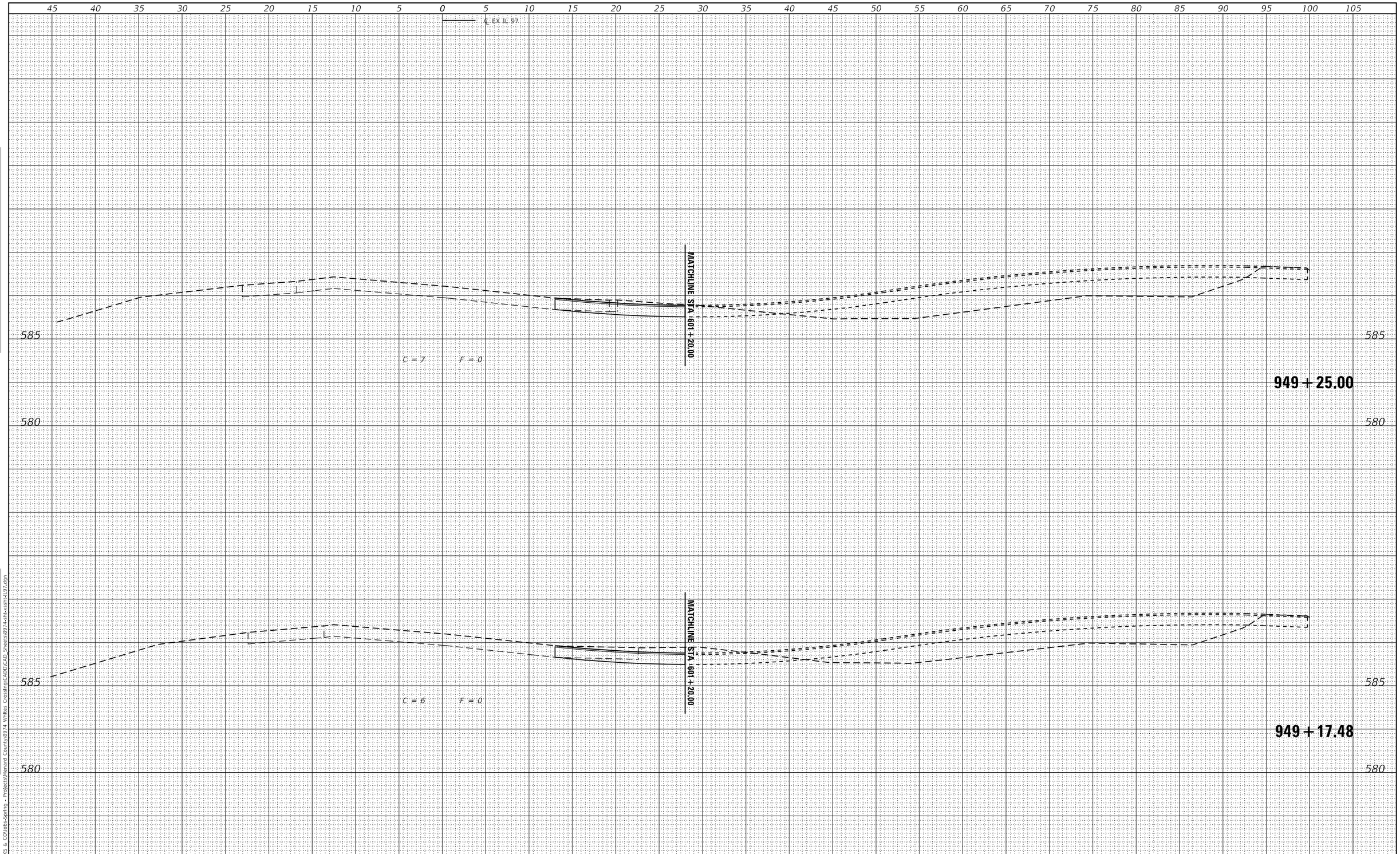
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS IL 97
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 5 OF 8 SHEETS | STA. 948+75.00 TO STA. 949+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	40
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

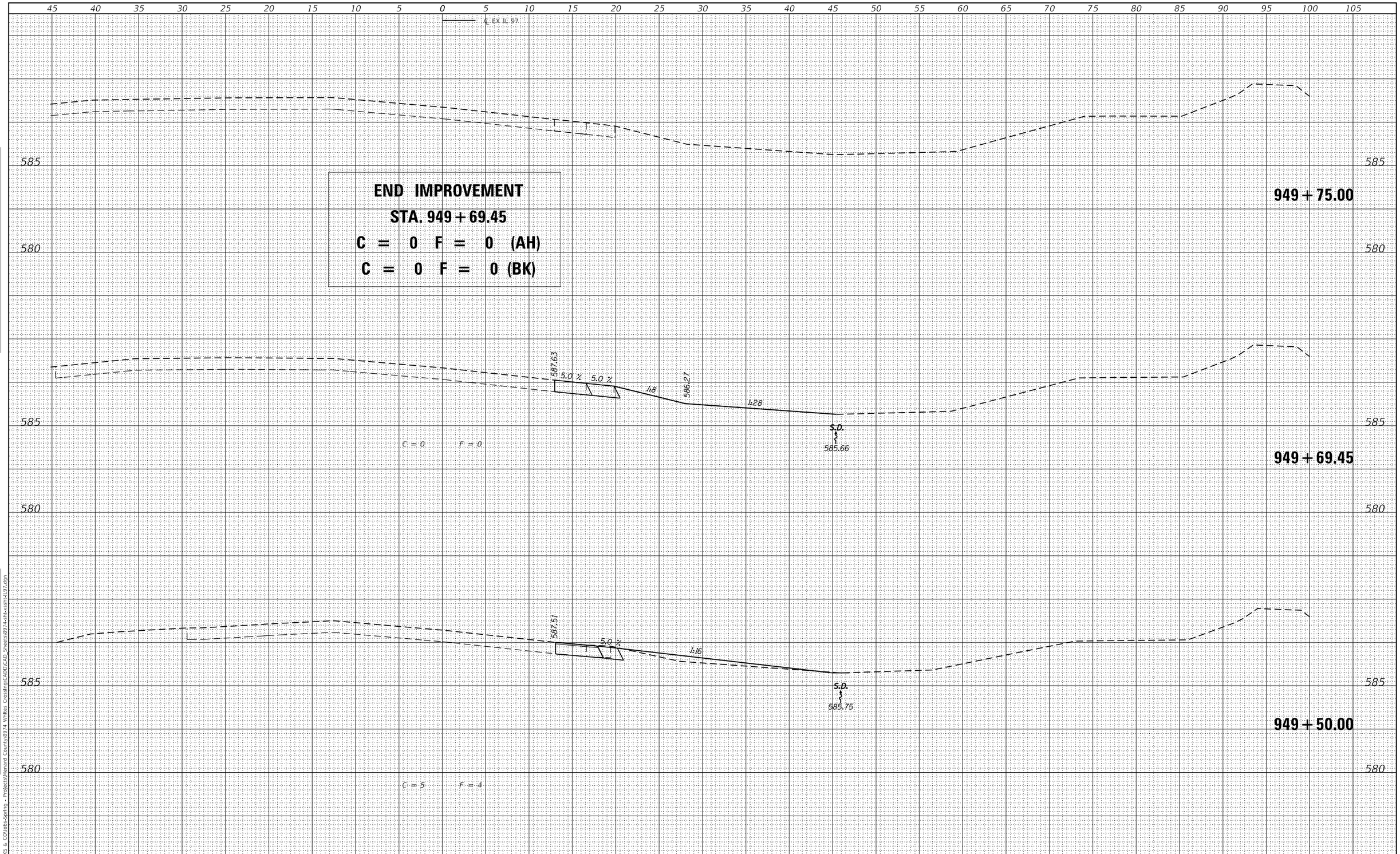
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS IL 97
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 6 OF 8 SHEETS | STA. 949+17.48 TO STA. 949+25.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	41
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

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

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design firm no. 184001036
whks
engineers + planners + land surveyors

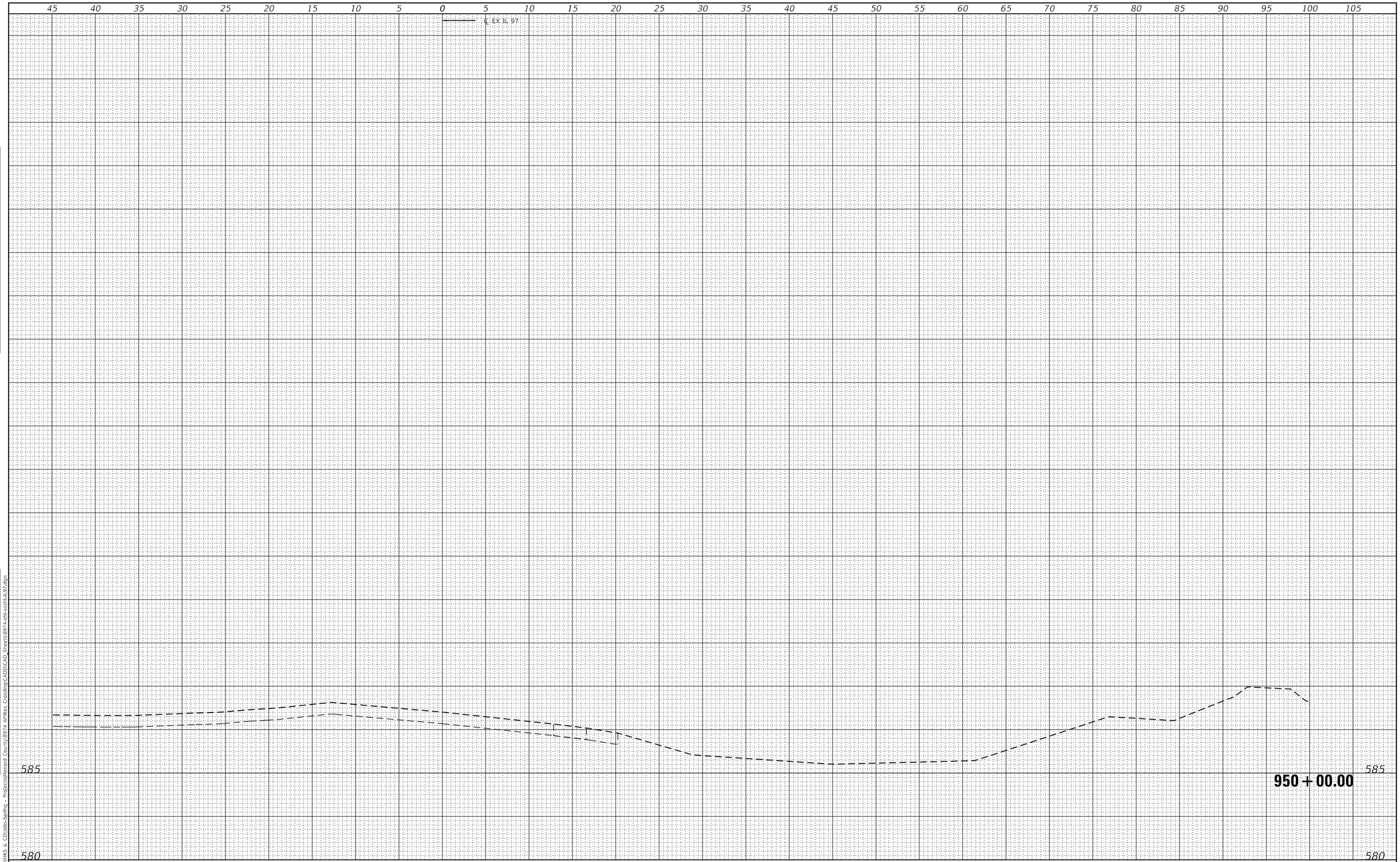
USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS IL 97
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 7 OF 8 SHEETS | STA. 949+50.00 TO STA. 949+75.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	42
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	



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

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
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NO.	AREAS CHECKED		

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design firm no. 184001036
whks
engineers + planners + land surveyors

USER NAME = bjohnson	DESIGNED - BJJ	REVISED -	
	DRAWN - GSJ	REVISED -	
PLOT SCALE = 120.000 ' / ft.	CHECKED - MRL	REVISED -	
PLOT DATE = 8/28/2024	DATE - 8/28/2024	REVISED -	

MENARD COUNTY HIGHWAY DEPARTMENT

CROSS SECTIONS IL 97
WHITES CROSSING AVENUE

SCALE: 1" = 5' | SHEET 8 OF 8 SHEETS | STA. 950+00.00 TO STA. 950+00.00

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	19-051117-00-RR	MENARD	43	43
		CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	