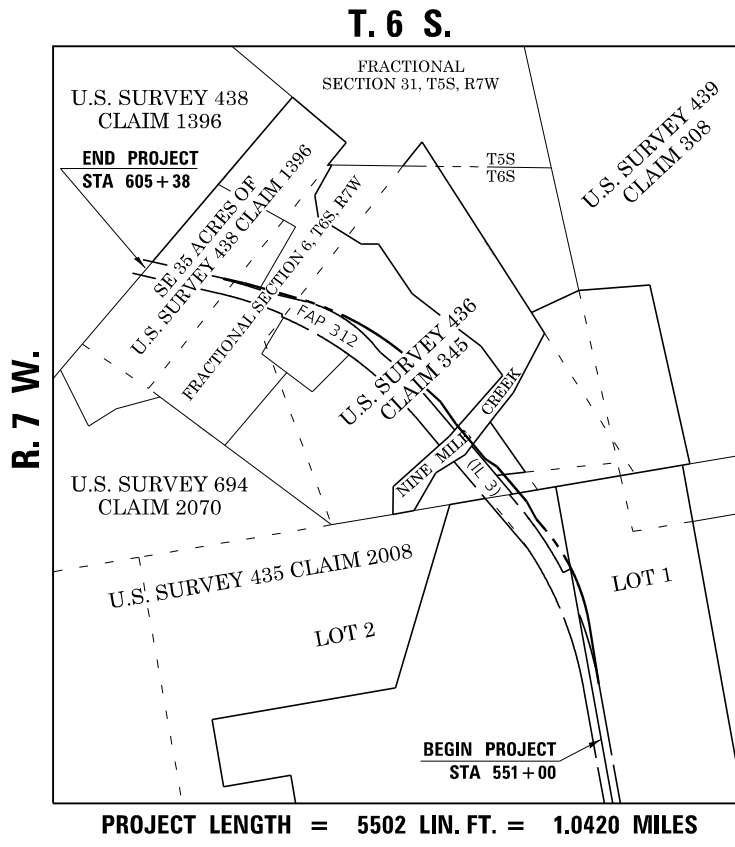
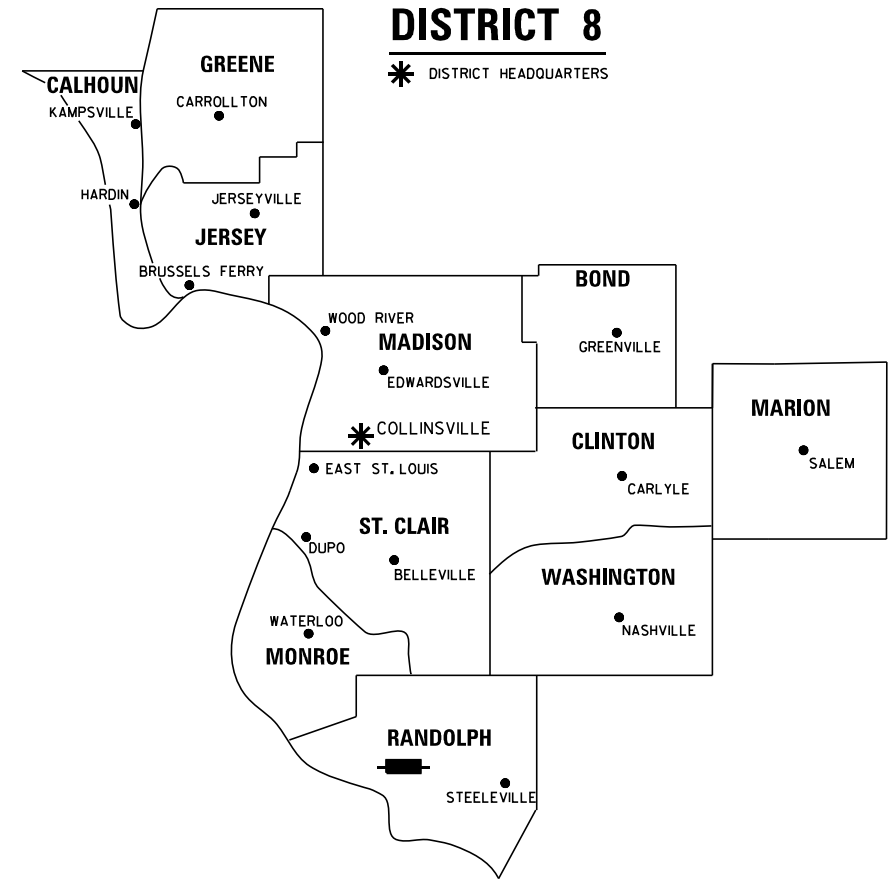


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

PLAT OF HIGHWAYS

FAP ROUTE 312 (IL 3)
SECTION 74BR-2
RANDOLPH COUNTY
JOB NO. R-98-001-18

SHEET INDEX		
SHEET NO.	STATION TO STATION	DESCRIPTION
1		COVER SHEET
2		LEGEND/NOTES SHEET
3	551+00 TO 572+46.40	PARCELS 8801021, 8801021TE, 8801022TE-A, 8801022TE-B, 8801022TE-C, 8801023, 8801023TE-A & 8801023TE-B
4	572+46.40 TO 578+66.48	PARCELS 8801025, 8801025TE, 8801026, 8801026TE, 8801027A, 8801027B, 8801027TE-A & 8801027TE-B
5	578+66.48 TO 605+38.21	PARCELS 8801024, 8801024TE-A, 8801024TE-B, 8801028TE & 8801029TE
6		TOTAL HOLDINGS SKETCH PARCELS 8801021 & 8801022TE
7		TOTAL HOLDINGS SKETCH PARCELS 8801024, 8801025, 8801026, 8801028TE & 8801029TE
8		CONTROL 3-WAY TIES & PR CL CONSTRUCTION TIES



PROJECT LENGTH = 5502 LIN. FT. = 1.0420 MILES

PREPARED BY:
API Survey LLC
11145 N. Mockingbird Road
Suite A
P.O. Box 333
Nashville, Illinois 62263
Ph. 618-478-9000
Email: gary@apisurvey.com
IDPR Design Firm License No. 184-006526



12/6/2021
JACK A. GELSO, IPLS # 3786
EXPIRATION DATE: 11-30-2022

SHEET 1 OF 8

ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	101
CONTRACT NO. 76K25				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

PART OF U.S. SURVEY 435 CLAIM 2008, T. 6 S., R. 7 W., OF THE 3RD P.M., RANDOLPH COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

RECEIVED 12/06/2021

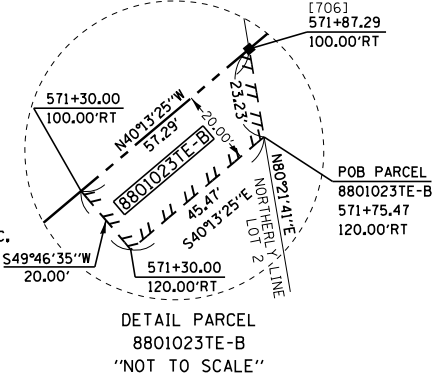
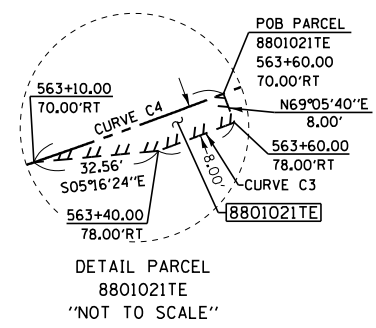
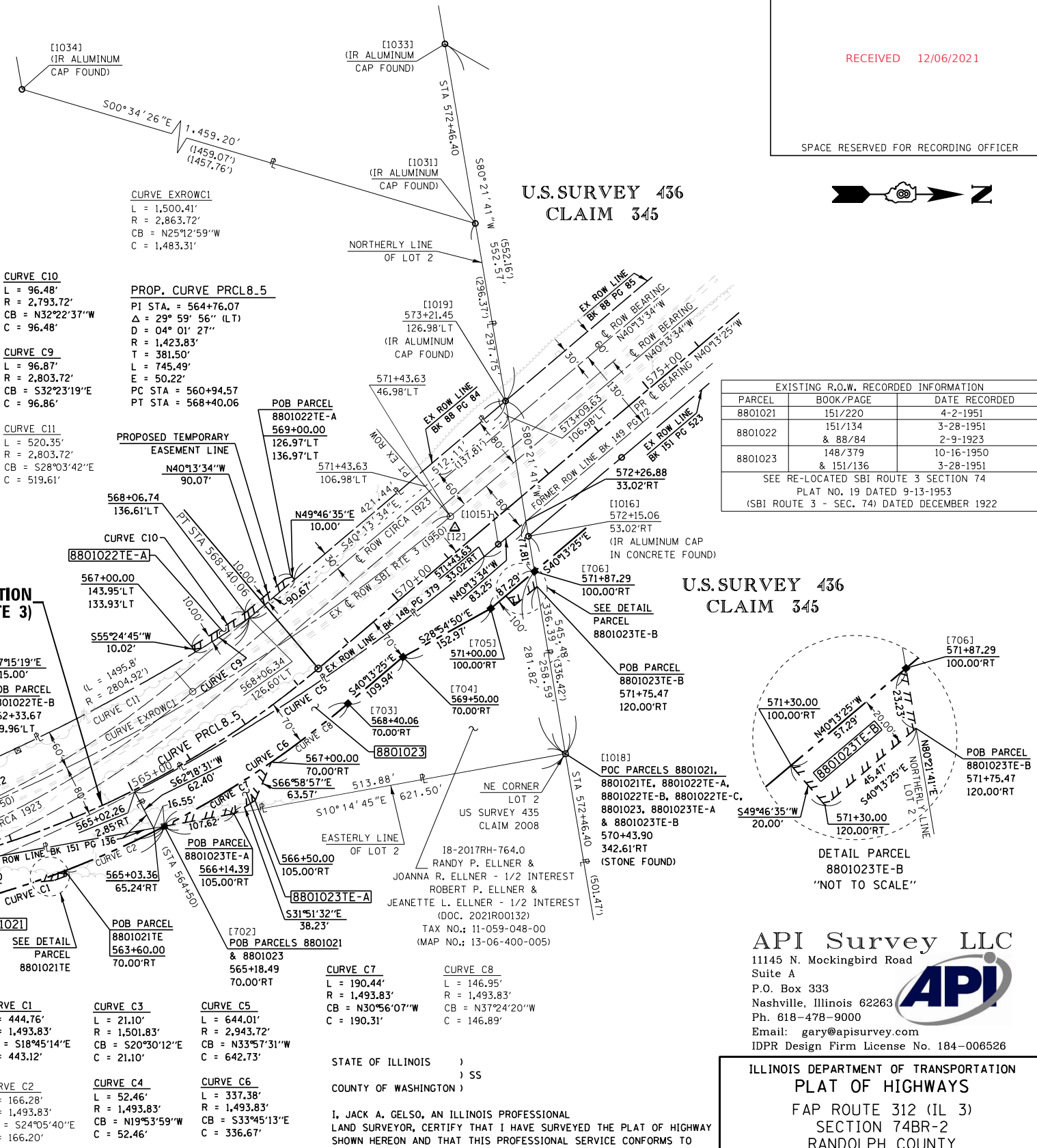
SPACE RESERVED FOR RECORDING OFFICER

[PNT #]/DESCRIPTION	STATION	OFFSET	NORTH	EAST
[1015]/IR PLASTIC CAP FOUND	571+72.04	32.44'RT	499,914.9480	369,487.5130
[1016]/IR ALUMINUM CAP IN CONCRETE FOUND	572+15.06	53.02'RT	499,961.0837	369,475.4459
[1018]/STONE FOUND	570+43.90	342.61'RT	500,017.4065	369,807.0846
[1019]/IR ALUMINUM CAP FOUND	573+21.45	126.98'LT	499,926.0740	369,269.3028
[1031]/IR ALUMINUM CAP FOUND			499,880.1104	368,998.6603
[1033]/IR ALUMINUM CAP FOUND			499,833.6052	368,724.8297
[1034]/IR ALUMINUM CAP FOUND			498,480.8140	368,584.8710
[700]/PR ROW IR SET	556+13.04	60.49'RT	498,510.6506	370,136.2181
[701]/PR ROW IR SET	560+94.57	70.00'RT	498,986.2223	370,060.0964
[702]/PR ROW IR SET	565+18.49	70.00'RT	499,405.8122	369,917.6319
[703]/PR ROW IR SET	568+40.06	70.00'RT	499,685.7304	369,730.5717
[704]/PR ROW IR SET	569+50.00	70.00'RT	499,769.6691	369,689.5785
[705]/PR ROW IR SET	571+00.00	100.00'RT	499,903.5716	369,585.6183
[706]/PR ROW IR SET	571+87.29	100.00'RT	499,970.2210	369,529.2479
PR TEMPORARY EASEMENT	563+10.00	70.00'RT	499,204.7736	370,003.3344
PR TEMPORARY EASEMENT	563+40.00	78.00'RT	499,237.1924	370,000.3422
PR TEMPORARY EASEMENT	563+60.00	78.00'RT	499,256.9516	369,992.9533
PR TEMPORARY EASEMENT	563+60.00	70.00'RT	499,254.0969	369,985.4799
PR TEMPORARY EASEMENT	566+14.39	105.00'RT	499,511.7184	369,898.4891
PR TEMPORARY EASEMENT	566+50.00	105.00'RT	499,544.1899	369,878.3096
PR TEMPORARY EASEMENT	567+00.00	70.00'RT	499,569.0462	369,819.8015
PR TEMPORARY EASEMENT	571+30.00	100.00'RT	499,926.4775	369,566.2451
PR TEMPORARY EASEMENT	571+30.00	120.00'RT	499,939.3930	369,581.5157
PR TEMPORARY EASEMENT	571+75.47	120.00'RT	499,974.1109	369,552.1521
PR TEMPORARY EASEMENT	569+00.00	126.97'LT	499,604.2968	369,541.4775
PR TEMPORARY EASEMENT	569+00.00	136.97'LT	499,597.8391	369,533.8422
EXISTING ROW/PR TE	568+06.34	126.60'LT	499,535.0772	369,600.0268
PR TEMPORARY EASEMENT	568+06.74	136.61'LT	499,529.0763	369,592.0051
PR TEMPORARY EASEMENT	567+00.00	133.93'LT	499,453.2821	369,651.9129
PR TEMPORARY EASEMENT	567+00.00	143.95'LT	499,447.5966	369,643.6675
PR TEMPORARY EASEMENT	561+68.57	111.96'LT	499,020.6754	369,867.1826
PR TEMPORARY EASEMENT	561+66.19	126.80'LT	499,015.1750	369,853.2275
PR TEMPORARY EASEMENT	562+31.67	134.85'LT	499,070.7547	369,830.6269
PR TEMPORARY EASEMENT	562+33.67	119.96'LT	499,076.5541	369,844.4604

[PNT #]/DESCRIPTION	STATION	OFFSET	NORTH	EAST
PR TEMPORARY EASEMENT	558+50.00	69.46'LT	498,720.7776	369,966.2659
PR TEMPORARY EASEMENT	557+00.00	90.00'LT	498,569.5135	369,972.6777
[663]/EXISTING ROW IR SET	556+13.08	59.51'LT	498,489.3864	370,018.1171
PR TEMPORARY EASEMENT	551+50.00	59.63'LT	498,033.6381	370,100.1908
EXISTING ROW	561+83.50	7.20'RT	499,062.4753	369,979.6910
EXISTING ROW	565+03.36	65.24'RT	499,389.5309	369,920.5748
EXISTING ROW	565+02.26	2.85'RT	499,360.5345	369,865.3247
EXISTING ROW	571+43.63	33.02'RT	499,893.6360	369,506.3013
EXISTING ROW	572+26.88	33.02'RT	499,957.1937	369,452.5411
[1047]/STONE FOUND SW CORNER LOT 1			496,766.8320	370,394.6350

18-2017RH-761.0
 ROBERT P. ELLNER & JEANETTE L. ELLNER - 1/2 INTEREST
 RANDY P. ELLNER & JOANNA ROSE ELLNER - 1/2 INTEREST
 (DOC. 2012R04876)
 TAX NO.: 11-059-047-00
 (MAP NO.: 13-06-400-006)

U.S. SURVEY 435 CLAIM 2008
 LOT 2
 (P.B.E. PG. 2)



CURVE C14
 L = 896.69'
 R = 2,803.72'
 CB = S24°12'59\"/>

CURVE C12
 L = 60.32'
 R = 2,803.72'
 CB = S22°07'42\"/>

CURVE C13
 L = 60.00'
 R = 2,788.72'
 CB = N22°07'42\"/>

CURVE C15
 L = 237.21'
 R = 2,803.72'
 CB = S12°37'50\"/>

CURVE C1
 L = 444.76'
 R = 1,493.83'
 CB = S18°45'14\"/>

CURVE C2
 L = 166.28'
 R = 1,493.83'
 CB = S24°05'40\"/>

CURVE C3
 L = 21.10'
 R = 1,501.83'
 CB = S20°30'12\"/>

CURVE C4
 L = 166.28'
 R = 1,493.83'
 CB = S19°53'59\"/>

CURVE C5
 L = 644.01'
 R = 2,943.72'
 CB = N33°57'31\"/>

CURVE C6
 L = 337.38'
 R = 1,493.83'
 CB = S33°45'13\"/>

CURVE C7
 L = 190.44'
 R = 1,493.83'
 CB = N30°56'07\"/>

CURVE C8
 L = 146.95'
 R = 1,493.83'
 CB = N37°24'20\"/>

U.S. SURVEY 435 CLAIM 2008
 LOT 1
 (P.B.E. PG. 2)

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

** NOTE: RANDY P. ELLNER AND JOANNA R. ELLNER, AS JOINT TENANTS, AS TO 1/2 INTEREST AND ROBERT P. ELLNER & JEANETTE L. ELLNER, AS JOINT TENANTS, AS TO 1/2 INTEREST

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION				REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY		
			GROSS ACRES	PREVIOUSLY DEDICATED ACRES	NET ACRES	SO FT		PE - PERMANENT ACRES	TE - TEMPORARY ACRES				
8801021	CODY W. NEULING TITLE REPORT NO. RH-797.0	110.97	1,1131	48,488	0.4900	21,343	0.6231	27,145	109.86	TE 0.0067	TE 292	CONSTRUCTION & GRADING	11-059-046-00
8801022	ROBERT P. ELLNER & JEANETTE L. ELLNER, HUSBAND AND WIFE, AS JOINT TENANTS, AS TO 1/2 INTEREST & RANDY P. ELLNER AND JOANNA ROSE ELLNER, HUSBAND AND WIFE, AS JOINT TENANTS, AS TO 1/2 INTEREST TITLE REPORT NO. RH-761.0	109.000							109.000	TE-A 0.0429	TE-A 1,870	CONSTRUCTION & GRADING	11-059-047-00
8801023	RANDY P. ELLNER, ETAL ** (SEE NOTE) TITLE REPORT NO. RH-764.0	2.9092	0.9761	42,521			0.9761	42,521	1.9331	TE-A 0.0903	TE-A 3,932	DRIVEWAY CONSTRUCTION & GRADING	11-059-048-00

STATE OF ILLINOIS)
) SS
 COUNTY OF WASHINGTON)
 I, JACK A. GELSO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCELS TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 12/6/2021

JACK A. GELSO, PLS NO. 3786
 LICENSE EXPIRATION DATE: 11/30/2022



COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY:	12/21/2017
ROW STAKING:	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 312 (IL 3)
 SECTION 74BR-2
 RANDOLPH COUNTY
 JOB NO. R-98-001-18
 STATION 551+00 TO STATION 572+46.40

SCALE: 1" = 100'

SHEET 3 OF 8

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	103

ILLINOIS DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

CONTRACT NO. 76K25
 FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT

PART OF U.S. SURVEY 436 CLAIM 345, T. 6 S., R. 7 W., OF THE 3RD P.M., RANDOLPH COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2



RECEIVED 12/06/2021

SPACE RESERVED FOR RECORDING OFFICER

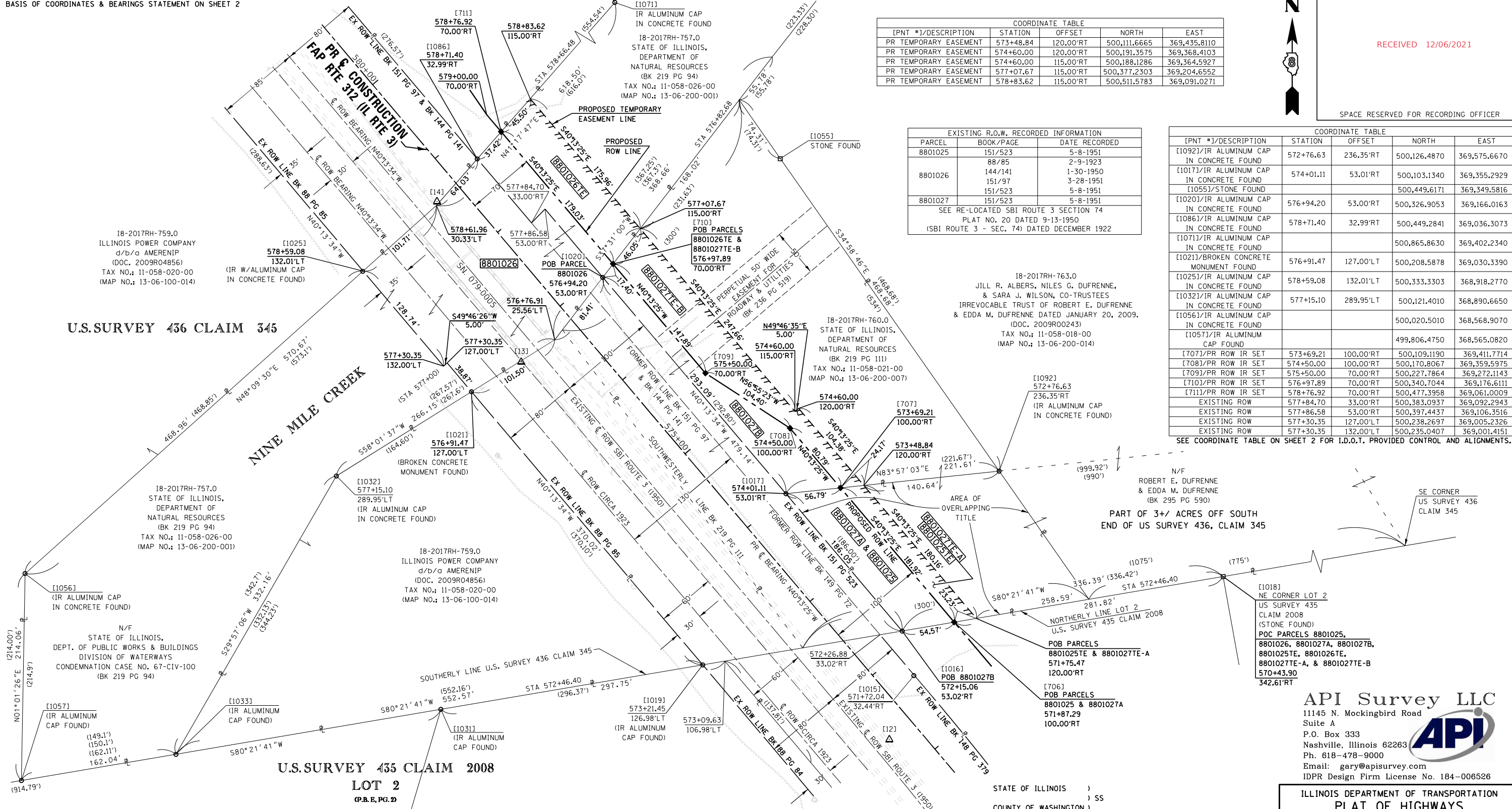
COORDINATE TABLE				
POINT #/DESCRIPTION	STATION	OFFSET	NORTH	EAST
PR TEMPORARY EASEMENT	573+48.84	120.00'RT	500,111.6665	369,435.8110
PR TEMPORARY EASEMENT	574+60.00	120.00'RT	500,191.3575	369,368.4103
PR TEMPORARY EASEMENT	574+60.00	115.00'RT	500,188.1286	369,364.5927
PR TEMPORARY EASEMENT	577+07.67	115.00'RT	500,377.2303	369,204.6552
PR TEMPORARY EASEMENT	578+83.62	115.00'RT	500,511.5783	369,091.0271

EXISTING R.O.W. RECORDED INFORMATION		
PARCEL	BOOK/PAGE	DATE RECORDED
8801025	151/523	5-8-1951
	88/85	2-9-1923
8801026	144/141	1-30-1950
	151/97	3-28-1951
	151/523	5-8-1951
8801027	151/523	5-8-1951

SEE RE-LOCATED SBI ROUTE 3 SECTION 74 PLAT NO. 20 DATED 9-13-1950 (SBI ROUTE 3 - SEC. 74) DATED DECEMBER 1922

COORDINATE TABLE				
POINT #/DESCRIPTION	STATION	OFFSET	NORTH	EAST
[1092]/IR ALUMINUM CAP IN CONCRETE FOUND	572+76.63	236.35'RT	500,126.4870	369,575.6670
[1017]/IR ALUMINUM CAP IN CONCRETE FOUND	574+01.11	53.01'RT	500,103.1340	369,355.2929
[1055]/STONE FOUND			500,449.6171	369,349.5816
[1020]/IR ALUMINUM CAP IN CONCRETE FOUND	576+94.20	53.00'RT	500,326.9053	369,166.0163
[1086]/IR ALUMINUM CAP IN CONCRETE FOUND	578+71.40	32.99'RT	500,449.2841	369,036.3073
[1071]/IR ALUMINUM CAP IN CONCRETE FOUND			500,865.8630	369,402.2340
[1021]/BROKEN CONCRETE MONUMENT FOUND	576+91.47	127.00'LT	500,208.5878	369,030.3390
[1025]/IR ALUMINUM CAP IN CONCRETE FOUND	578+59.08	132.01'LT	500,333.3303	368,918.2770
[1032]/IR ALUMINUM CAP IN CONCRETE FOUND	577+15.10	289.95'LT	500,121.4010	368,890.6650
[1056]/IR ALUMINUM CAP FOUND			500,020.5010	368,568.9070
[1057]/IR ALUMINUM CAP FOUND			499,806.4750	368,565.0820
[707]/PR ROW IR SET	573+69.21	100.00'RT	500,109.1190	369,411.7714
[708]/PR ROW IR SET	574+50.00	100.00'RT	500,170.8067	369,359.5975
[709]/PR ROW IR SET	575+50.00	70.00'RT	500,227.7864	369,272.1143
[710]/PR ROW IR SET	576+97.89	70.00'RT	500,340.7044	369,176.6111
[711]/PR ROW IR SET	578+76.92	70.00'RT	500,477.3958	369,061.0009
EXISTING ROW	577+84.70	33.00'RT	500,383.0937	369,092.2943
EXISTING ROW	577+86.58	53.00'RT	500,397.4437	369,106.3516
EXISTING ROW	577+30.35	127.00'LT	500,238.2697	369,005.2326
EXISTING ROW	577+30.35	132.00'LT	500,235.0407	369,001.4151

SEE COORDINATE TABLE ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.



* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

** NOTE: ACQUIRED PROPERTY AS THE DEPARTMENT OF PUBLIC WORKS AND BUILDINGS OF THE STATE OF ILLINOIS

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION			REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	PROPERTY ACQUIRED BY			
			GROSS ACRES	PREVIOUSLY DEDICATED ACRES	NET ACRES		PE = PERMANENT ACRES	TE = TEMPORARY ACRES					
8801025	JILL R. ALBERS, NILES G. DUFRENNE & SARA J. WILSON, AS CO-TRUSTEES OF IRREVOCABLE TRUST OF ROBERT E. DUFRENNE AND EDDA M. DUFRENNE DATED JANUARY 20, 2009 TITLE REPORT NO. RH-763.0	38.179	0.1984	8.644	0.1984	8.644	37.981	TE 0.0831	TE 3.620	TREE REMOVAL, CONSTRUCTION & GRADING	11-058-018-00		
8801026	STATE OF ILLINOIS, DEPARTMENT OF NATURAL RESOURCES ** (SEE NOTE) TITLE REPORT NO. RH-757.0	34.787	0.8258	35.973	0.7156	31.173	0.1102	4.800	33.961	TE 0.1834	TE 7.987	TREE REMOVAL, CONSTRUCTION & GRADING	11-058-026-00
8801027	STATE OF ILLINOIS, DEPARTMENT OF NATURAL RESOURCES ** (SEE NOTE) TITLE REPORT NO. RH-760.0	3.3	A 0.1984 B 1.0063	A 8,644 B 43,836	A N/A B 0.8059	A N/A B 35,108	A 0.1984 B 0.2004	A 8,644 B 8,728	2.1	TE-A 0.0831 TE-B 0.2680	TE-A 3,620 TE-B 11,676	TREE REMOVAL, CONSTRUCTION & GRADING	11-058-021-00

STATE OF ILLINOIS)
COUNTY OF WASHINGTON) SS

I, JACK A. GELSO, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCELS TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 12/6/2021

JACK A. GELSO, PLS NO. 3786
LICENSE EXPIRATION DATE: 11/30/2022



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 312 (IL 3)
SECTION 74BR-2
RANDOLPH COUNTY
JOB NO. R-98-001-18
STATION 572+46.40 TO STATION 578+66.48

50' 0 50' 100'
SCALE: 1" = 50'

SHEET 4 OF 8

ILLINOIS DEPARTMENT OF TRANSPORTATION
OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT B
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	104

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 12/21/2017 ROW STAKING:

FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

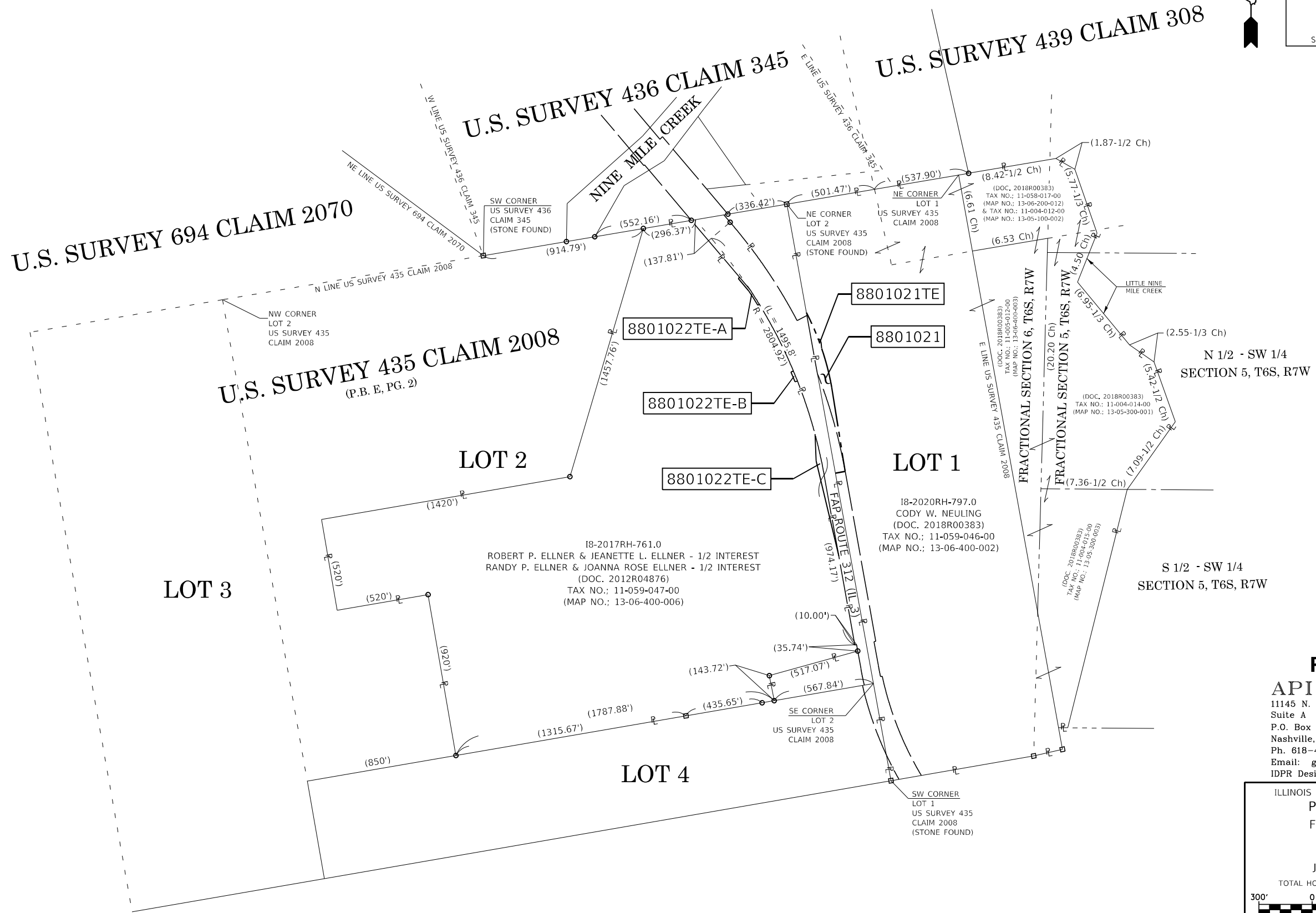
API Survey LLC
11145 N. Mockingbird Road
Suite A
P.O. Box 333
Nashville, Illinois 62263
Ph. 618-478-9000
Email: gary@apisurvey.com
IDPR Design Firm License No. 184-006526

**TOTAL HOLDINGS SKETCH
PARCELS 8801021 & 8801022TE**



RECEIVED 12/06/2021

SPACE RESERVED FOR RECORDING OFFICER



PREPARED BY:
API Survey LLC
 11145 N. Mockingbird Road
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 P.O. Box 333
 Nashville, Illinois 62263
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 Email: gary@apisurvey.com
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 312 (IL 3)
 SECTION 74BR-2
 RANDOLPH COUNTY
 JOB NO. R-98-001-18
 TOTAL HOLDINGS PARCELS 8801021 & 8801022TE

SCALE: 1" = 300'

SHEET 6 OF 8

ILLINOIS DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	106
			CONTRACT NO. 76K25	

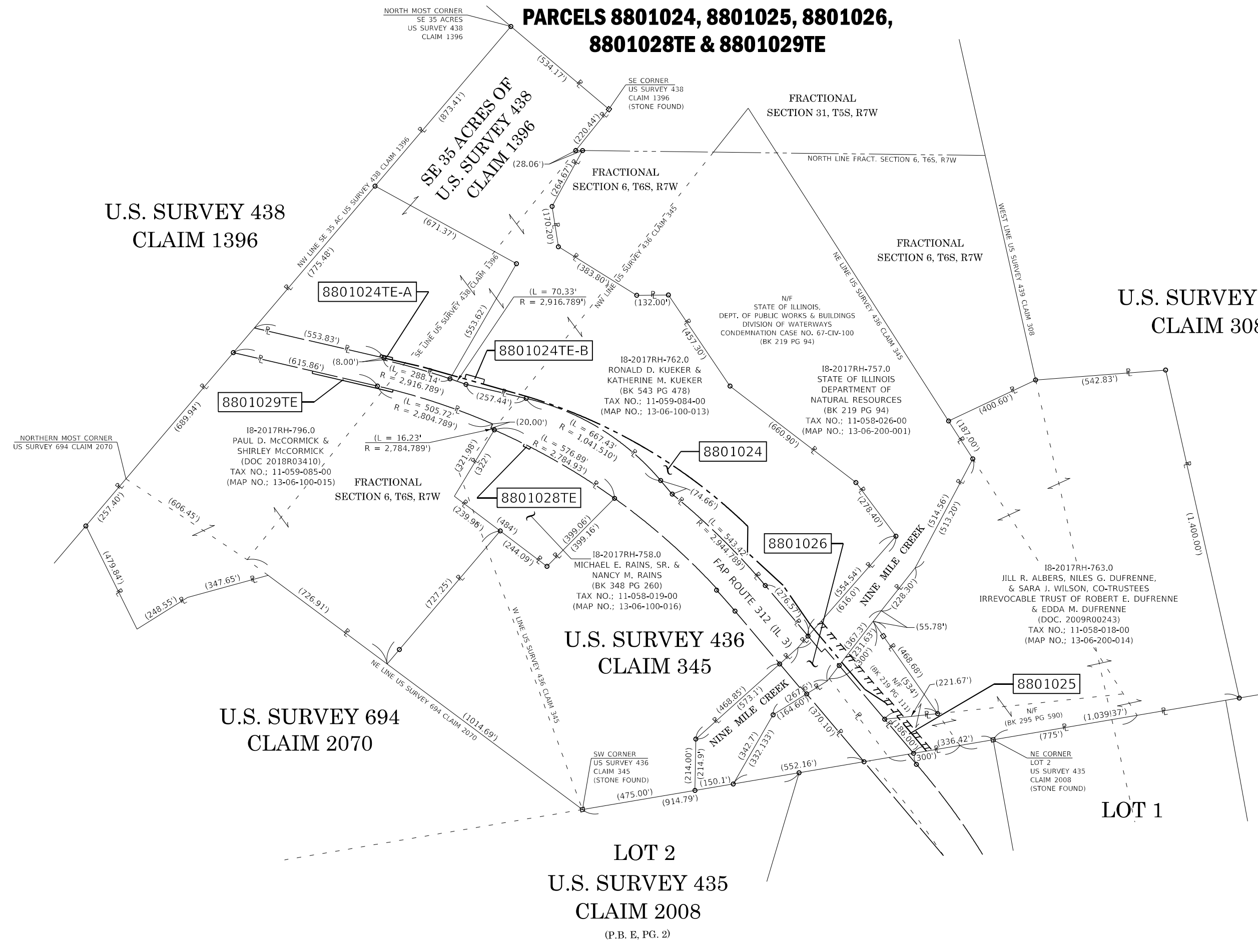
COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/21/2017	ROW STAKING:

TOTAL HOLDINGS SKETCH
PARCELS 8801024, 8801025, 8801026,
8801028TE & 8801029TE



RECEIVED 12/06/2021

SPACE RESERVED FOR RECORDING OFFICER



U.S. SURVEY 438
CLAIM 1396

U.S. SURVEY 439
CLAIM 308

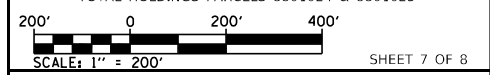
U.S. SURVEY 694
CLAIM 2070

U.S. SURVEY 436
CLAIM 345

LOT 2
U.S. SURVEY 435
CLAIM 2008
(P.B. E, PG. 2)

PREPARED BY:
API Survey LLC
 11145 N. Mockingbird Road
 Suite A
 P.O. Box 333
 Nashville, Illinois 62263
 Ph. 618-478-9000
 Email: gary@apisurvey.com
 IDPR Design Firm License No. 184-006526

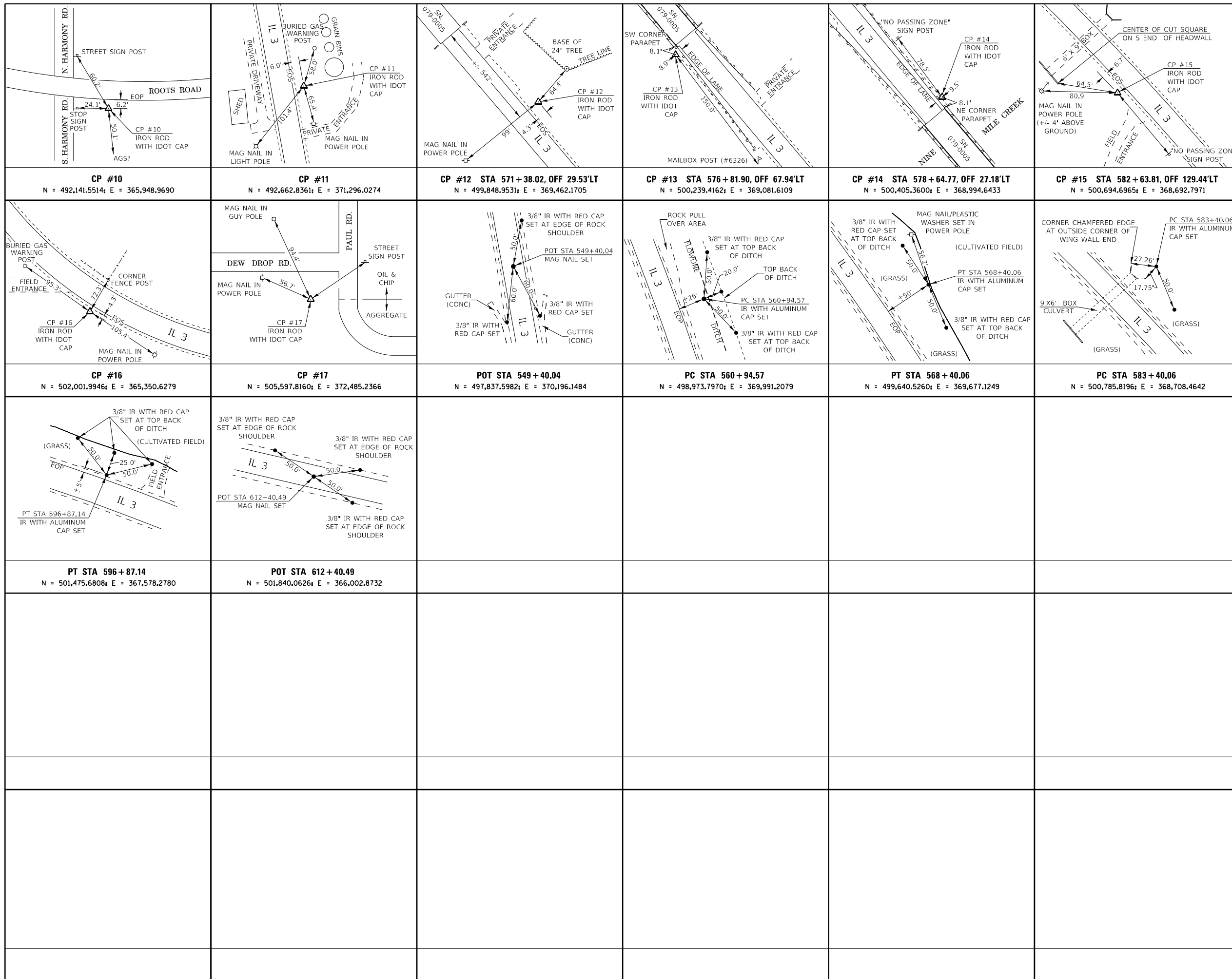
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 312 (IL 3)
 SECTION 74BR-2
 RANDOLPH COUNTY
 JOB NO. R-98-001-18
 TOTAL HOLDINGS PARCELS 8801024 & 8801025



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	107
CONTRACT NO. 76K25				

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/21/2017	ROW STAKING:

CONTROL TIE SHEET



RECEIVED 12/06/2021

SPACE RESERVED FOR RECORDING OFFICER

12/6/2021

JACK A. GELSO, IPLS # 3786
EXPIRATION DATE: 11-30-2022



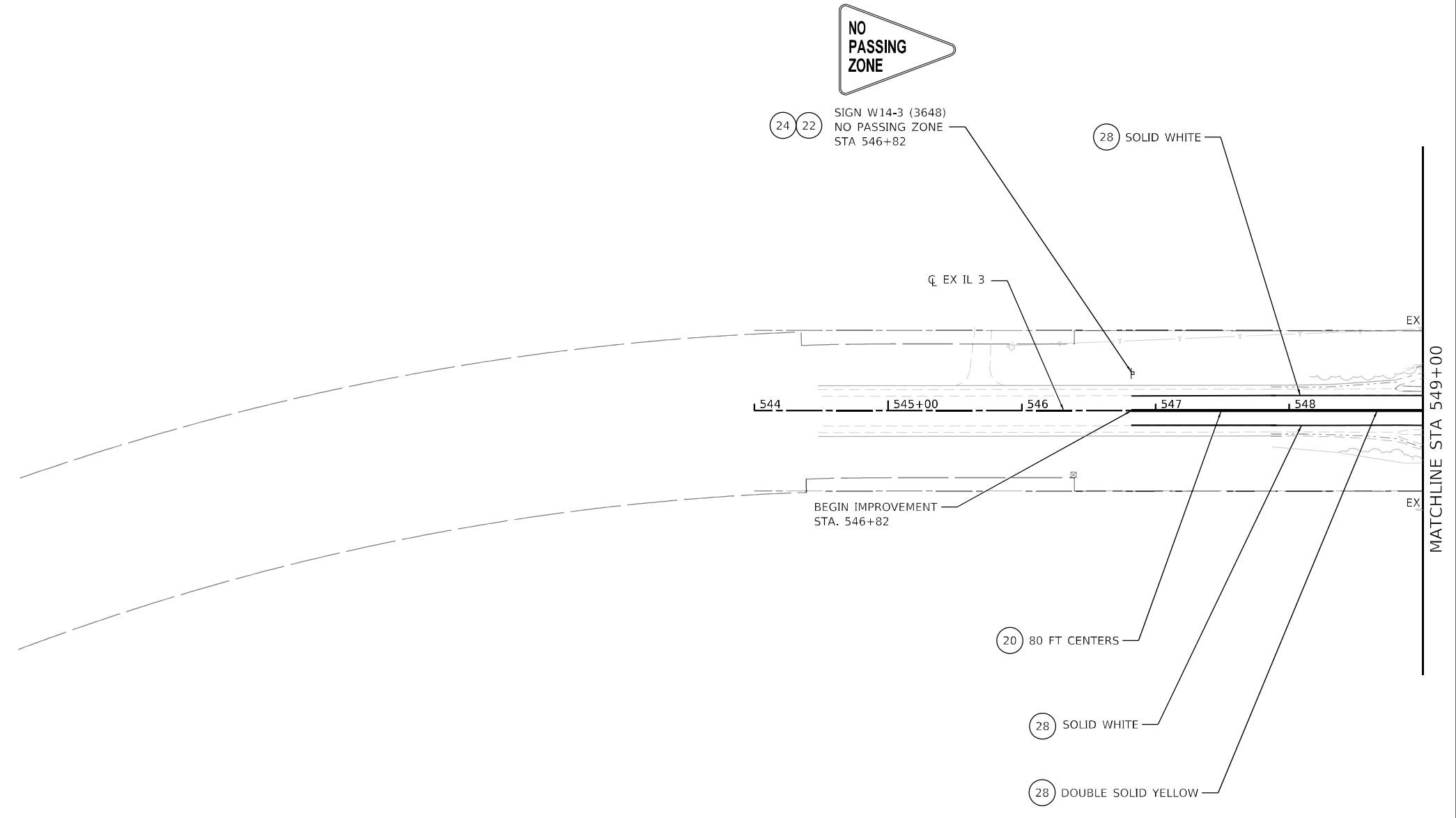
PREPARED BY:

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IDPR Design Firm License No. 184-006526



COMPLETION DATE OF FIELD WORK PERFORMED			
LAND SURVEY:	12/21/2017	ROW STAKING:	
ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 312 (IL 3) SECTION 74BR-2 RANDOLPH COUNTY JOB NO. R-98-001-18 CONTROL TIE SHEET			
NOT TO SCALE			
SHEET 8 OF 8			
ILLINOIS DEPARTMENT OF TRANSPORTATION OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINGSVILLE, ILLINOIS 62234-6198			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
312	74BR-2	RANDOLPH	293
			SHEET NO. 108
CONTRACT NO. 76K25			
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT			

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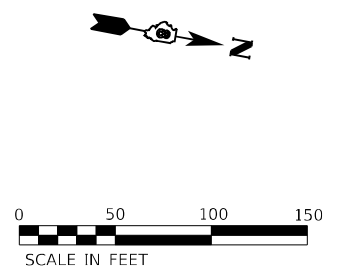


LEGEND - PROPOSED

- (20) RAISED REFLECTIVE PAVEMENT MARKER
- (21) SHOULDER RUMBLE STRIPS, 8 INCH
- (22) SIGN PANEL - TYPE 1
- (23) TELESCOPING STEEL SIGN SUPPORT
- (24) WOOD SIGN SUPPORT
- (25) RELOCATE SIGN PANEL ASSEMBLY - TYPE A
- (26) PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4"
- (27) GROOVING FOR RECESSED PAVEMENT MARKING 5"
- (28) THERMOPLASTIC PAVEMENT MARKING - LINE 4"

NOTES

1. STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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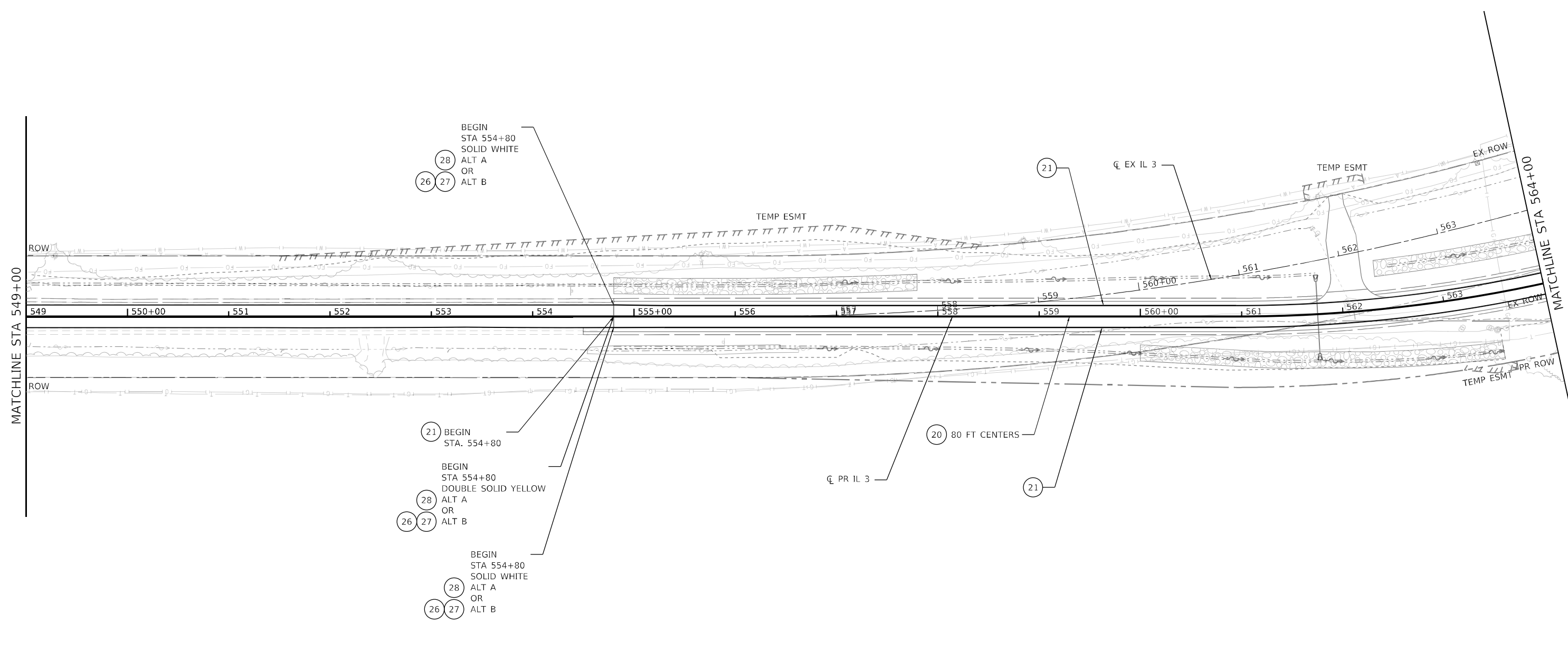
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. TO STA. 549+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	109
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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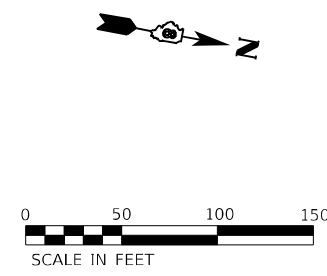


LEGEND - PROPOSED

- (20) RAISED REFLECTIVE PAVEMENT MARKER
- (21) SHOULDER RUMBLE STRIPS, 8 INCH
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NOTES

1. STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.



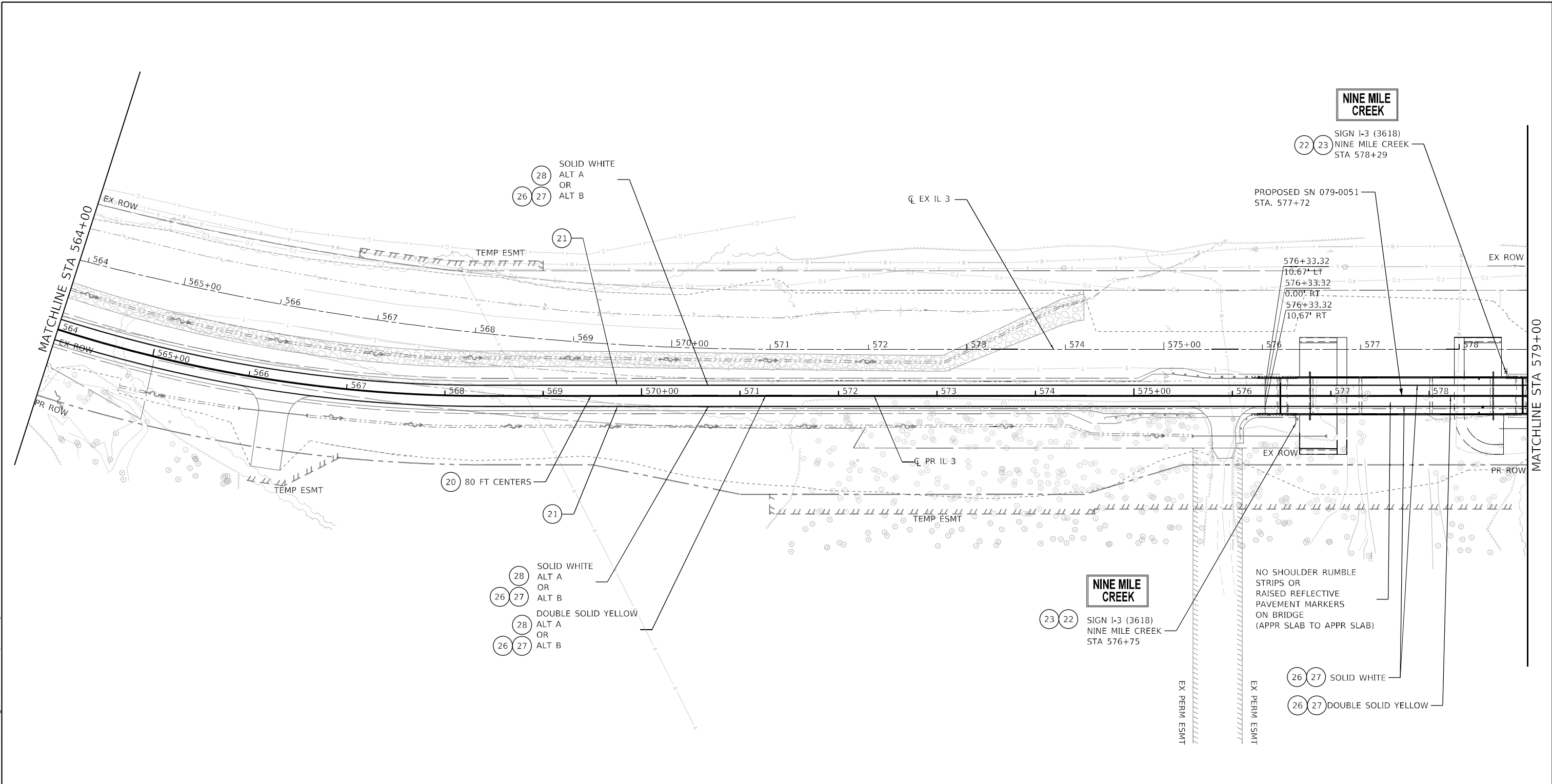
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PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
 IL 3 / FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. 549+00.00 TO STA. 564+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	110
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

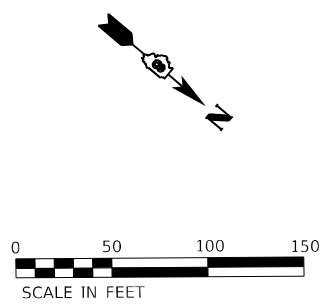


LEGEND - PROPOSED

- (20) RAISED REFLECTIVE PAVEMENT MARKER
- (21) SHOULDER RUMBLE STRIPS, 8 INCH
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NOTES

1. STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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

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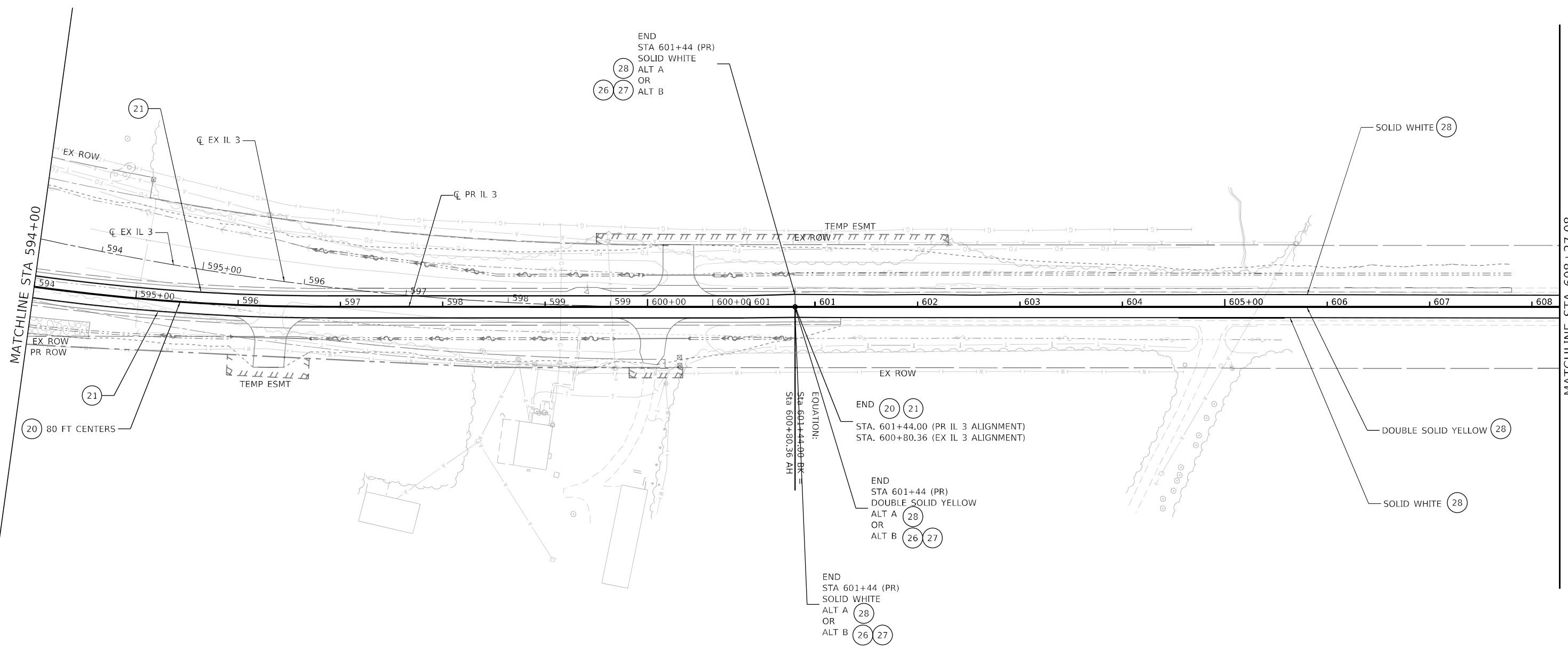
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 3 OF 6 SHEETS STA. 546+00.00 TO STA. 579+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 111
			CONTRACT NO. 76K25	
ILLINOIS FED. AID PROJECT				

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END
 STA 601+44 (PR)
 SOLID WHITE
 ALT A (28)
 OR
 ALT B (26, 27)

END (20, 21)
 STA. 601+44.00 (PR IL 3 ALIGNMENT)
 STA. 600+80.36 (EX IL 3 ALIGNMENT)

END
 STA 601+44 (PR)
 DOUBLE SOLID YELLOW
 ALT A (28)
 OR
 ALT B (26, 27)

END
 STA 601+44 (PR)
 SOLID WHITE
 ALT A (28)
 OR
 ALT B (26, 27)

LEGEND - PROPOSED

- (20) RAISED REFLECTIVE PAVEMENT MARKER
- (21) SHOULDER RUMBLE STRIPS, 8 INCH
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NOTES

1. STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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	DATE - 3/14/2022	REVISED -

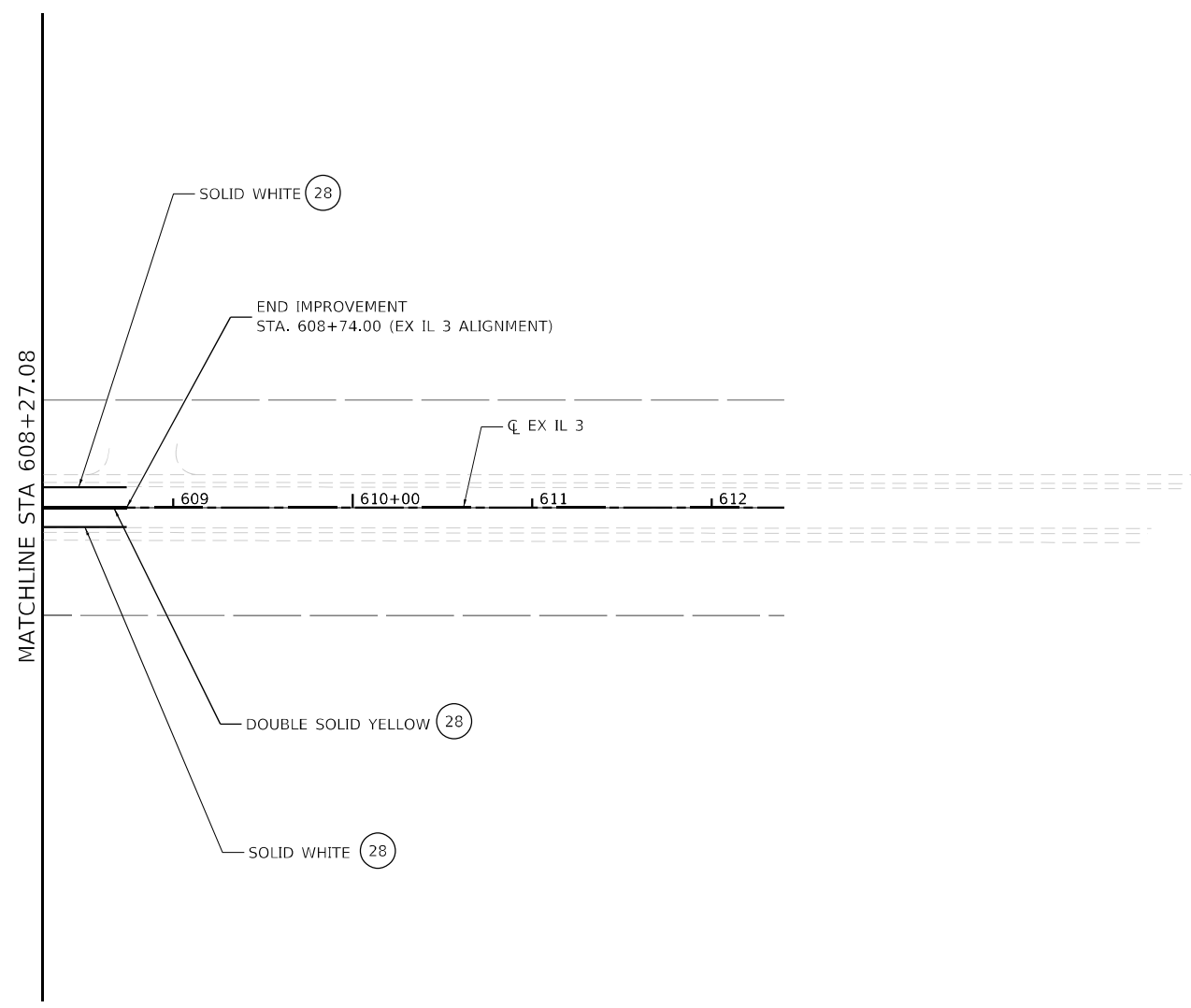
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
IL 3 / FAP 312 OVER NINE MILE CREEK

SCALE: 1" = 50' SHEET 5 OF 6 SHEETS STA. 594+00.00 TO STA. 608+27.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	113
CONTRACT NO. 76K25				

ILLINOIS FED. AID PROJECT

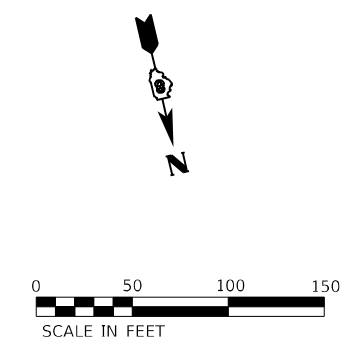


LEGEND - PROPOSED

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NOTES

1. STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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design firm
 no. 184001036

 engineers • planners • land surveyors

USER NAME = ljones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1/200,0000' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
IL 3 /FAP 312 OVER NINE MILE CREEK

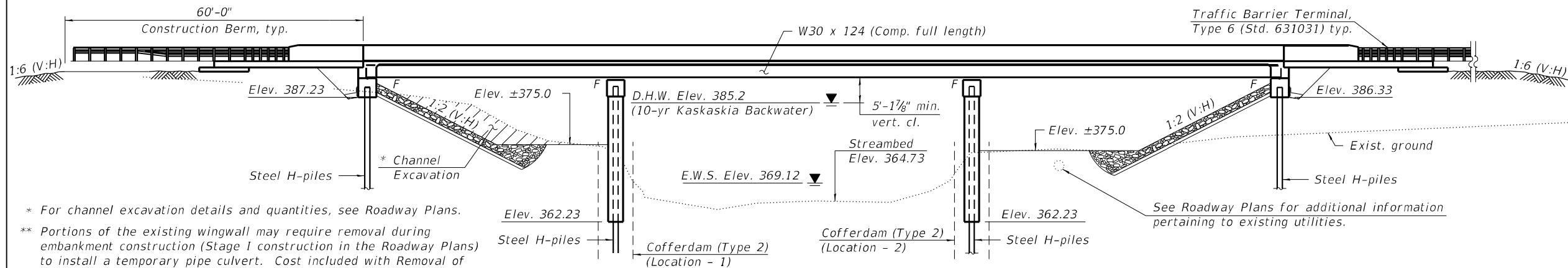
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	114
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

Benchmark: Northwest wingwall of Structure Number 079-0005, Elev. 392.17

Existing Structure: S.N. 079-0005 was originally constructed in 1952 as part of S.B.I. Rte. 3, Section 74B-1, Station 577+42.00. The 3 span wide flange beam structure has an out to out width of 34'-1" and back to back abutment length of 165'-3". The superstructure is supported by solid wall piers and pile-bent abutments on concrete piles.
Proposed structure to be built on new alignment while maintaining traffic on existing structure.

No salvage.



* For channel excavation details and quantities, see Roadway Plans.

** Portions of the existing wingwall may require removal during embankment construction (Stage I construction in the Roadway Plans) to install a temporary pipe culvert. Cost included with Removal of Existing Structures. See Roadway Plans for additional details.

ELEVATION

*** Existing structure shall be removed after the proposed structure is constructed and open to traffic.

INDEX OF SHEETS

1. General Plan and Elevation
2. General Data
3. Ground Improvement Details
4. Top of Slab Elevation Location Plan
5. Top of Slab Elevations
6. Top of Slab Elevations
7. Top of South Approach Slab Elevations
8. Top of North Approach Slab Elevations
9. Superstructure
10. Superstructure Details
11. Diaphragms Details
12. Bridge Approach Slab Details
13. Bridge Approach Slab Details
14. Drainage Scupper, DS-11
15. Framing Plan
16. Structural Steel Details
17. Bearing Details
18. South Abutment
19. North Abutment
20. Pier 1
21. Pier 2
22. HP Pile Details
23. Slope Protection Plan
24. Boring Logs
25. Boring Logs
26. Boring Logs
27. Boring Logs

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

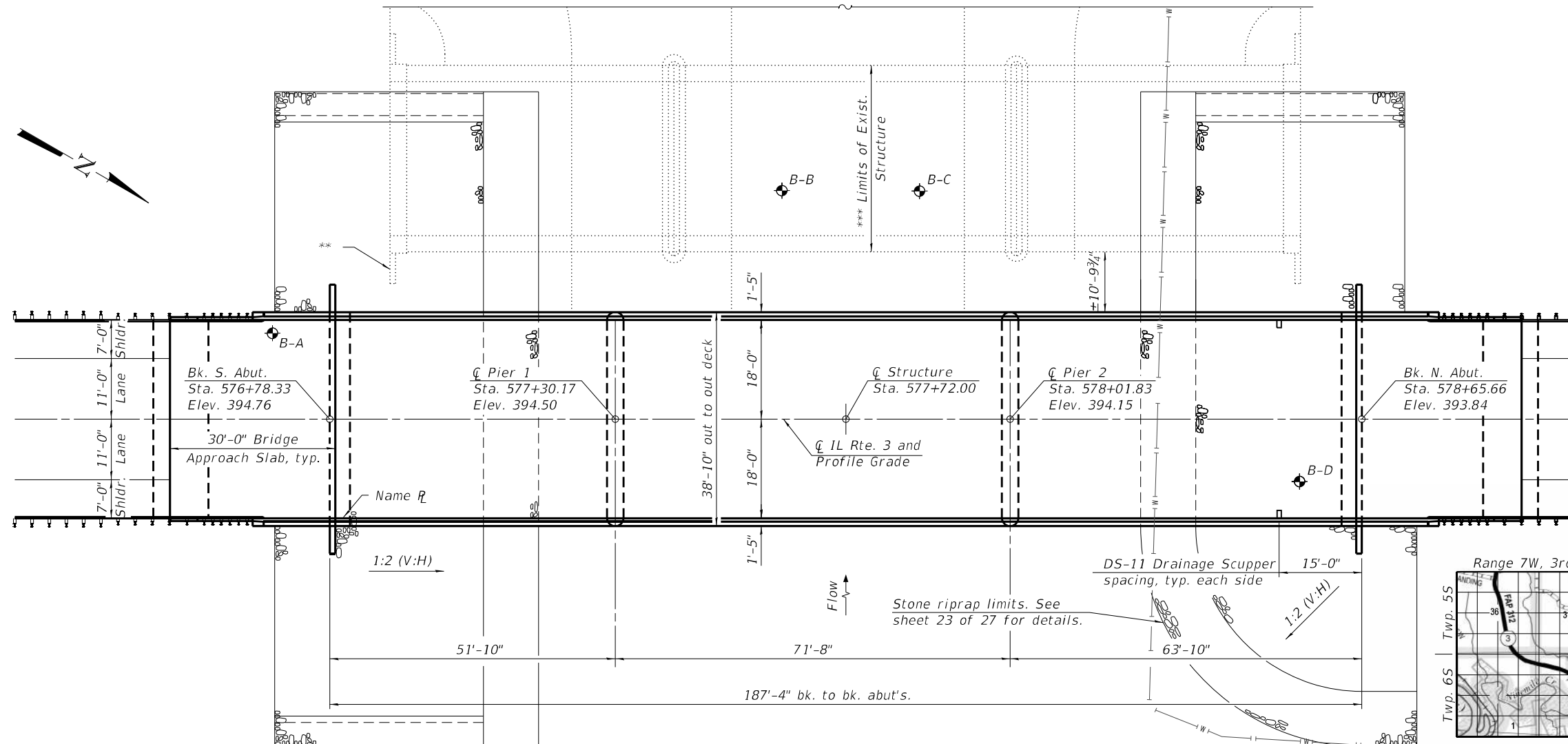
DESIGN STRESSES

FIELD UNITS

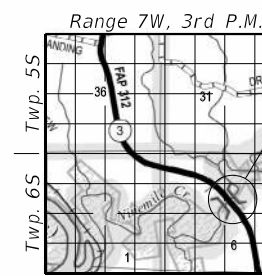
$f'_c = 3,500$ psi
 $f'_c = 4,000$ psi (Superstructure)
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50)

SEISMIC DATA

Seismic Performance Zone (SPZ) = 2
 Design Spectral Acceleration at 1.0 sec. (SD1) = 0.293g
 Design Spectral Acceleration at 0.2 sec. (SDS) = 0.681g
 Soil Site Class = D



PLAN



LOCATION SKETCH

APPROVED
 For Structural Adequacy Only
 [Signature]
 Engineer of Bridges & Structures



[Signature] 3-11-22
 Expires: 11/30/2022

GENERAL PLAN & ELEVATION
IL RTE. 3 OVER NINE-MILE CREEK
F.A.P. RTE. 312 - SEC. 74BR-2
RANDOLPH COUNTY
STATION 577+72.00
STRUCTURE NO. 079-0051

FILE NAME: C:\SP\WHKS & COIL 3 over Nine Mile Creek - Documents\916742_IL 3 over Nine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn

design firm no. 184001036 engineers + planners + land surveyors	USER NAME = dheberling	DESIGNED - GEM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 079-0051	SHEET 1 OF 27 SHEETS	F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 115
	PLOT DATE = 3/11/2022	DRAWN - DLH	REVISED -				CONTRACT NO. 76K25	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 8:06:07 AM	CHECKED - GEM/CEH	REVISED -								

GENERAL NOTES

1. Calculated weight of Structural Steel = 147,590 lbs (Grade 50) and 16,610 lbs (Grade 36).
2. No field welding is permitted except as specified in the contract documents.
3. Reinforcement bars designated (E) shall be epoxy coated.
4. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
5. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
6. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
7. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
8. Fasteners shall be ASTM F3125 Grade A325 Type 1, mechanically galvanized bolts in painted areas. Bolts 7/8 in. dia., holes 15/16 in. dia., unless otherwise noted.
9. The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be Gray (Munsell No. 5B 7/1). The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Gray (Munsell No. 5B 7/1).
10. The Contractor is advised that the deck of the existing structure is in poor condition with advanced deterioration. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure.

Current Ratings on File for Existing Structure

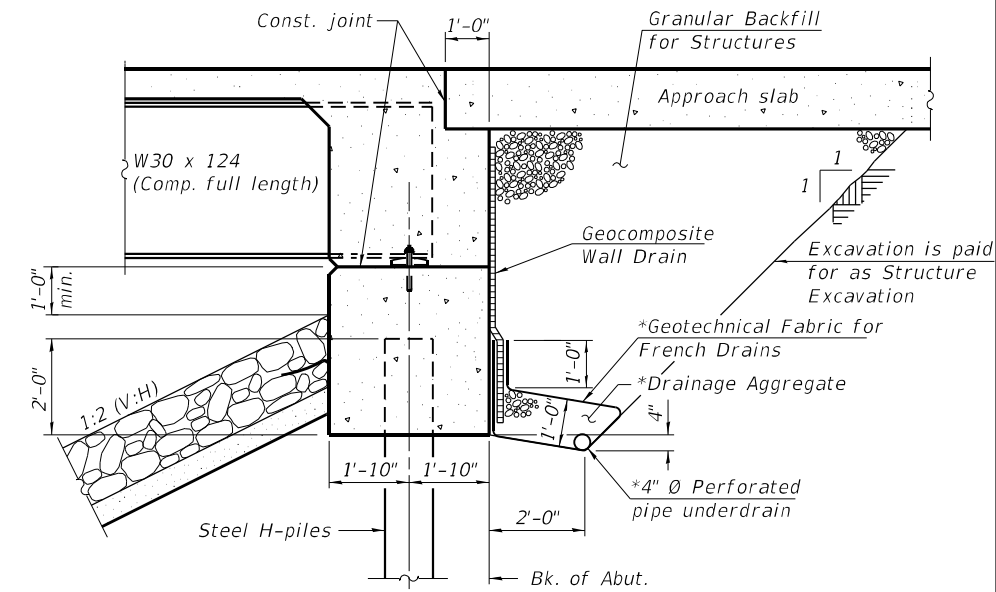
Inventory: HS 23.4
 Operating: HS 43.4
 Live Load Restrictions: No

Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS Loading and Configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restriction are not necessarily representative of capacities to support the Contractor's equipment."

11. Slipforming of the parapets is not allowed.

BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Stone Riprap, Class A5	Sq. Yd.	-	1,353	1,353
Filter Fabric	Sq. Yd.	-	1,353	1,353
Removal of Existing Structures	Each	-	-	1
Structure Excavation	Cu. Yd.	-	174	174
Cofferdam Excavation	Cu. Yd.	-	436	436
Cofferdam (Type 2) (Location - 1)	Each	-	1	1
Cofferdam (Type 2) (Location - 2)	Each	-	1	1
Concrete Structures	Cu. Yd.	-	262.6	262.6
Concrete Superstructure	Cu. Yd.	285.1	-	285.1
Bridge Deck Grooving	Sq. Yd.	930	-	930
Protective Coat	Sq. Yd.	1,173	-	1,173
Concrete Superstructure (Approach Slab)	Cu. Yd.	105.9	-	105.9
Furnishing and Erecting Structural Steel	L. Sum	1.0	-	1.0
Stud Shear Connectors	Each	4,428	-	4,428
Reinforcement Bars, Epoxy Coated	Pound	105,750	27,160	132,910
Furnishing Steel Piles HP 12X84	Foot	-	1,440	1,440
Driving Piles	Foot	-	1,440	1,440
Test Pile Steel HP 12X84	Each	-	2	2
Name Plates	Each	1	-	1
Anchor Bolts, 3/4"	Each	24	-	24
Anchor Bolts, 1"	Each	24	-	24
Granular Backfill for Structures	Cu. Yd.	-	94	94
Geocomposite Wall Drain	Sq. Yd.	-	66	66
Pipe Underdrains for Structures 4"	Foot	-	162	162
Drainage Scuppers, D5-11	Each	2	-	2

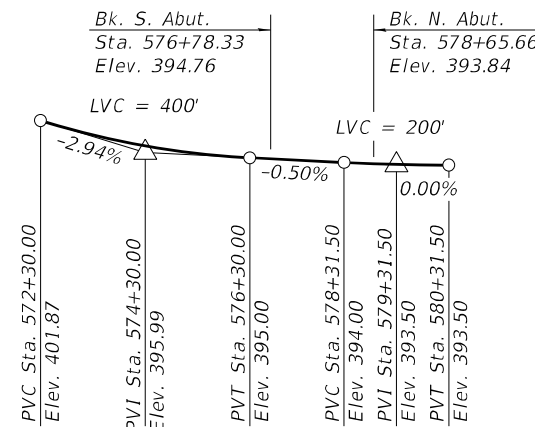


SECTION THRU INTEGRAL ABUTMENT

* Included in the cost of Pipe Underdrains for Structures.

Note:

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe 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).



PROFILE GRADE

(Along & Proposed IL Rte. 3)

WATERWAY INFORMATION TABLE

Flood Event	Freq. Yr.	Discharge Ft ³ /s	Waterway Opening Ft ²		Natural H.W.E. ft.	Head - ft.		Headwater Elevation ft.	
			Existing	Proposed		Existing	Proposed	Existing	Proposed
Design (FIS Kaskaskia Backwater)	50	8,420	2,133	2,740	390.5	0.0	0.0	390.5	390.5
Design (10-yr Kaskaskia Backwater)	50	8,420	1,732	1,858	385.2	0.2	0.1	385.3	385.2
Base	100	9,870	2,133	2,740	392.0	0.0	0.0	392.0	392.0
Scour Design Check	200	11,399	2,133	2,740	393.5	0.0	0.0	393.5	393.5
Overtop Existing	48	8,475	N/A	N/A	390.1	0.0	N/A	390.1	N/A
Overtop Proposed	198	11,378	N/A	2,740	393.5	N/A	0.0	N/A	393.5
Max. Calc.	500	13,500	2,133	2,740	395.5	0.0	0.0	395.5	395.5

10 Year velocity through existing bridge = 5.08 ft/s
 10 Year velocity through proposed bridge = 4.66 ft/s

DESIGN SCOUR ELEVATION TABLE

Event / Limit	Design Scour Elevations (ft.)				Item 113
	S. Abut.	Pier 1	Pier 2	N. Abut.	
Q100	387.23	360.24	360.24	386.33	5
Q200	387.23	359.96	359.96	386.33	
Design	387.23	360.24	360.24	386.33	
Check	387.23	359.96	359.96	386.33	
State					

Notes:

1. The Waterway Information Table (WIT) shown below is a "hybrid" table which combines several hydraulic events, including results from multiple backwater events.
2. The hydraulic event referred to as "FIS Kaskaskia Backwater" was used to verify compliance with the 3 ft. free-board policy. Due to low velocity within the "FIS Kaskaskia Backwater" event, a hydraulic event referred to as "10-yr Kaskaskia Backwater" was used to verify compliance with the 2 ft. vertical clearance policy.

STATION 577+72
 BUILT 20 BY
 STATE OF ILLINOIS
 F.A.P. RT. 312 SEC. 74BR-2
 LOADING HL-93
 STRUCTURE NO. 079-0051

NAME PLATE
 See Std. 515001

FILE NAME: C:\SP\WHKS & COIL 3 over Nine Mile Creek - Documents\9167\02_IL 3 over Nine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn



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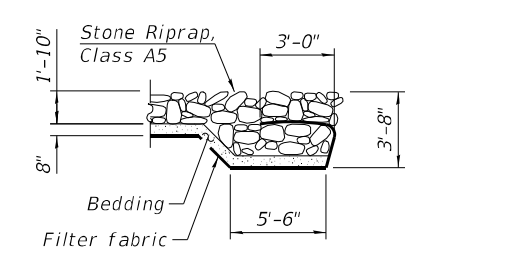
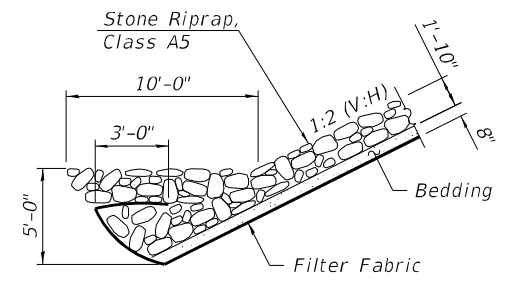
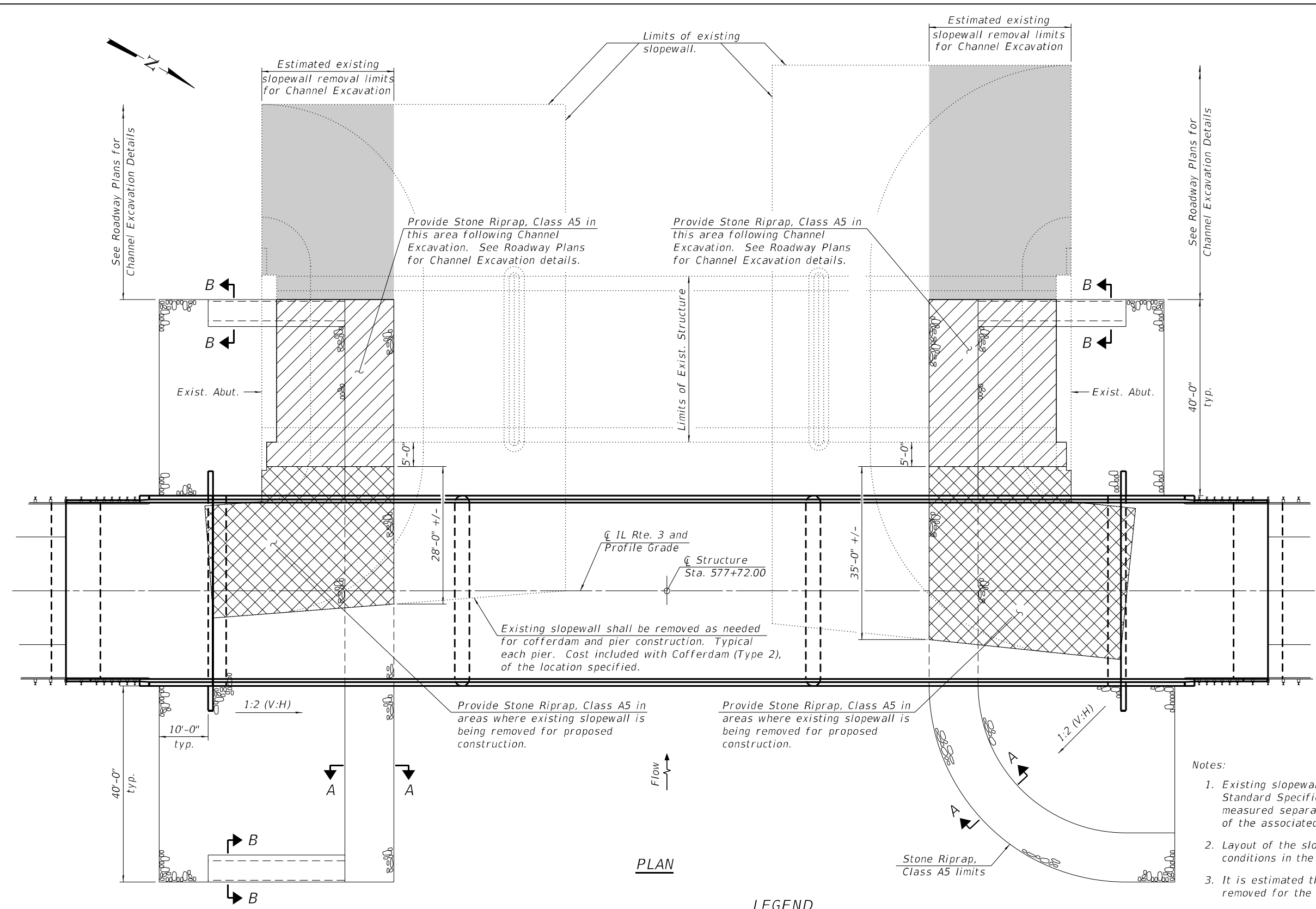
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
 STRUCTURE NO. 079-0051**

SHEET 2 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	116
CONTRACT NO. 76K25				
ILLINOIS		FED. AID PROJECT		

FILE NAME: C:\SP\WHKS & COIL 3 over Mine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn



Existing slopewall shall be removed as needed for cofferdam and pier construction. Typical each pier. Cost included with Cofferdam (Type 2), of the location specified.

Provide Stone Riprap, Class A5 in areas where existing slopewall is being removed for proposed construction.

Provide Stone Riprap, Class A5 in areas where existing slopewall is being removed for proposed construction.

Notes:

- Existing slopewall removal shall be according to Article 501 of the Standard Specifications. Existing slopewall removal will not be measured separately for payment but shall be included in the cost of the associated work.
- Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
- It is estimated that the existing abutments will need to be completely removed for the Grading Plan in the Roadway Plans.

PLAN

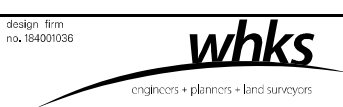
LEGEND

- Slopewall removal and Stone Riprap, Class A5 for Channel Excavation.
- Slopewall removal and Stone Riprap, Class A5 for proposed construction.
- * Estimated existing slopewall removal limits for Channel Excavation.

* Existing slopewall need only be removed to at least 1'-0" below the proposed ground surface.

BILL OF MATERIAL

Item	Unit	Total
Stone Riprap, Class A5	Sq. Yd.	1,353
Filter Fabric	Sq. Yd.	1,353



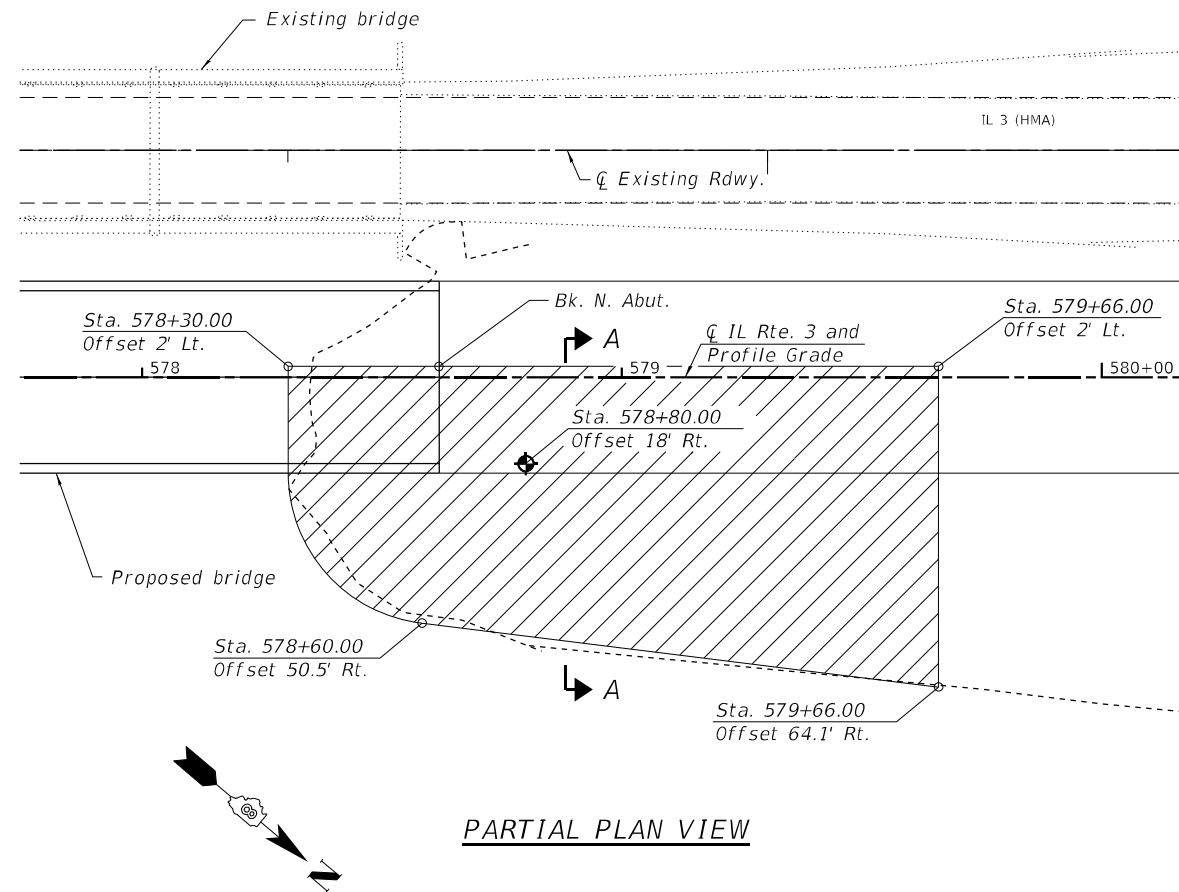
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE PROTECTION PLAN
STRUCTURE NO. 079-0051

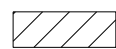
SHEET 23 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	137
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



PARTIAL PLAN VIEW

LEGEND



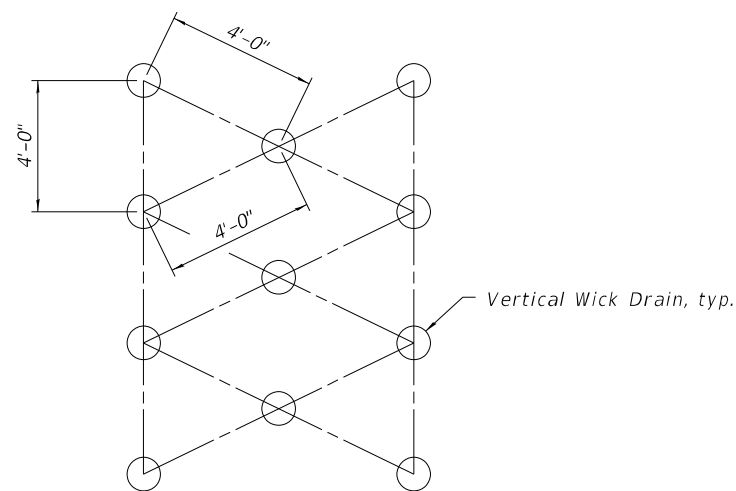
3' thick Sand Drainage Blanket and Wick Drains on 4'-0" triangular pattern.



Settlement platform locations.

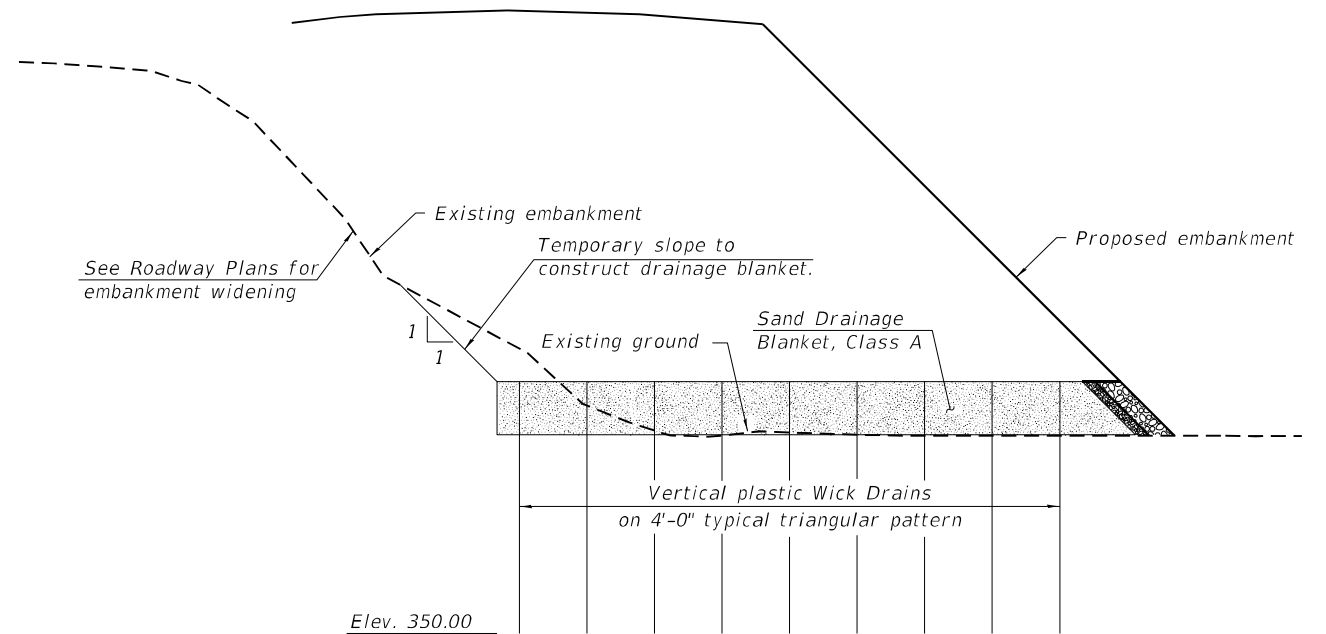
Notes:

- In the areas where Wick Drains will be installed, the existing ground shall be prepared according to Article 205.
- Following preparation of the existing ground, a Sand Drainage Blanket 3' thick shall be placed within the limits of the Wick Drains. Any working platform needed to construct the Sand Drainage Blanket or the Wick Drains will not be measured for payment.
- The Contractor shall install the Wick Drains through the Sand Drainage Blanket using a method acceptable to the Engineer which does not damage the Wick Drains. See Wick Drains Special Provision.
- For settlement platform requirements see Special Provision.
- Drainage blanket protection shall be removed or incorporated into the embankment at the end of the settlement period. See Special Provisions.



WICK DRAIN PATTERN

(Wick drains shall also be spaced to miss pile driving locations.)

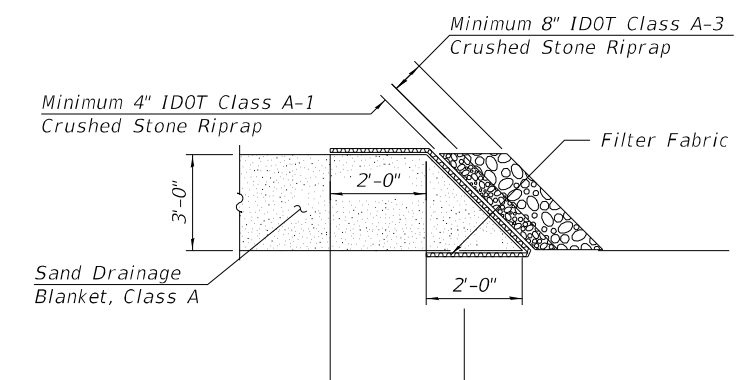


SECTION A-A

BILL OF MATERIAL

Item	Unit	Total
Wick Drains	Feet	16,314
Sand Drainage Blanket	Cu. Yd.	861
Settlement Platforms	Each	1

(Quantities shown for information only. Quantities are reflected in the Summary of Quantities in the Roadway Plans.)



DRAINAGE BLANKET PROTECTION

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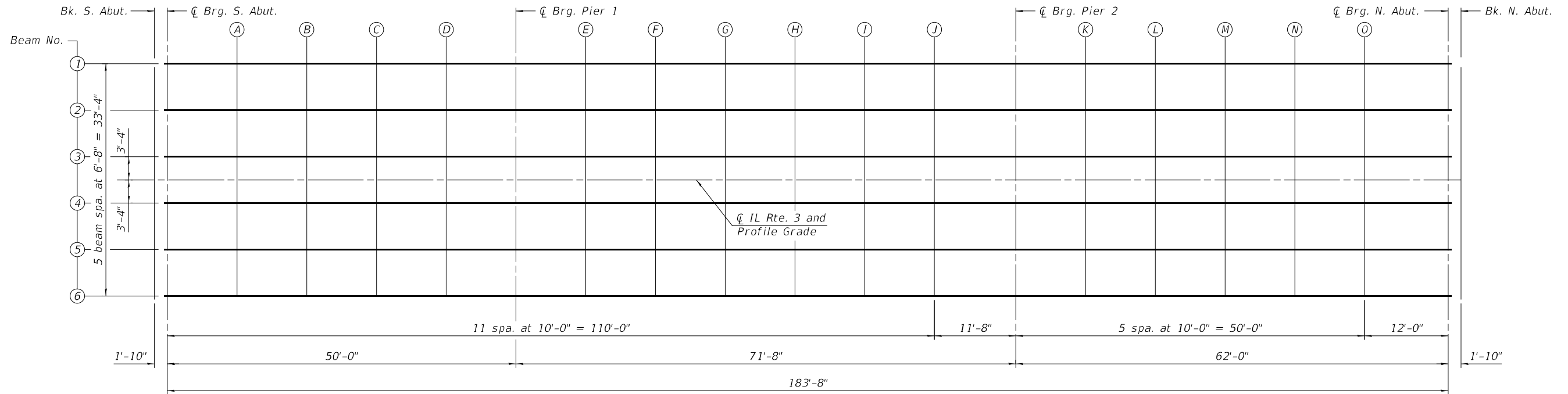
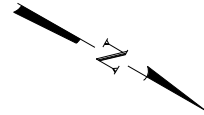
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GROUND IMPROVEMENT DETAILS
STRUCTURE NO. 079-0051**

SHEET 3 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	117
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



PLAN

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design firm
no. 184001036



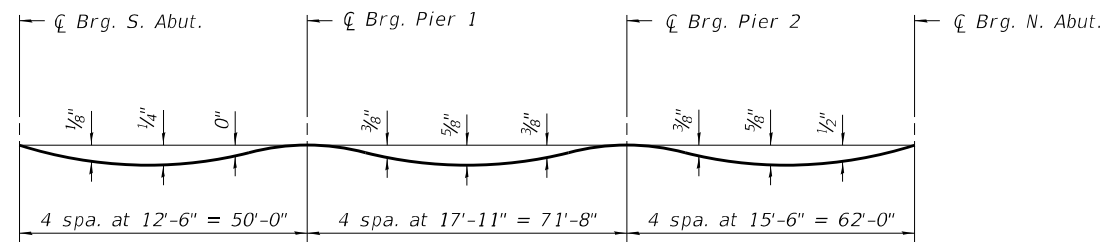
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATION LOCATION PLAN
STRUCTURE NO. 079-0051**

SHEET 4 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	118
CONTRACT NO. 76K25				
ILLINOIS		FED. AID PROJECT		

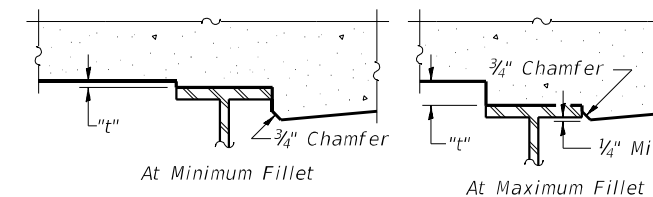


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	576+78.33	-16.67	394.48	394.48
☉ Brg. S. Abut.	576+80.16	-16.67	394.47	394.47
A	576+90.16	-16.67	394.42	394.43
B	577+00.16	-16.67	394.37	394.39
C	577+10.16	-16.67	394.32	394.33
D	577+20.16	-16.67	394.27	394.27
☉ Brg. Pier 1	577+30.16	-16.67	394.22	394.22
E	577+40.16	-16.67	394.17	394.19
F	577+50.16	-16.67	394.13	394.17
G	577+60.16	-16.67	394.08	394.13
H	577+70.16	-16.67	394.03	394.08
I	577+80.16	-16.67	393.98	394.02
J	577+90.16	-16.67	393.93	393.94
☉ Brg. Pier 2	578+01.83	-16.67	393.87	393.87
K	578+11.83	-16.67	393.82	393.83
L	578+21.83	-16.67	393.77	393.81
M	578+31.83	-16.67	393.72	393.77
N	578+41.83	-16.67	393.67	393.73
O	578+51.83	-16.67	393.63	393.67
☉ Brg. N. Abut.	578+63.83	-16.67	393.57	393.57
Bk. N. Abut.	578+65.66	-16.67	393.57	393.57

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	576+78.33	-10.00	394.61	394.61
☉ Brg. S. Abut.	576+80.16	-10.00	394.60	394.60
A	576+90.16	-10.00	394.55	394.56
B	577+00.16	-10.00	394.50	394.52
C	577+10.16	-10.00	394.45	394.46
D	577+20.16	-10.00	394.40	394.40
☉ Brg. Pier 1	577+30.16	-10.00	394.35	394.35
E	577+40.16	-10.00	394.30	394.32
F	577+50.16	-10.00	394.25	394.29
G	577+60.16	-10.00	394.20	394.25
H	577+70.16	-10.00	394.15	394.20
I	577+80.16	-10.00	394.10	394.14
J	577+90.16	-10.00	394.06	394.07
☉ Brg. Pier 2	578+01.83	-10.00	394.00	394.00
K	578+11.83	-10.00	393.95	393.96
L	578+21.83	-10.00	393.90	393.94
M	578+31.83	-10.00	393.85	393.90
N	578+41.83	-10.00	393.80	393.86
O	578+51.83	-10.00	393.75	393.79
☉ Brg. N. Abut.	578+63.83	-10.00	393.70	393.70
Bk. N. Abut.	578+65.66	-10.00	393.69	393.69

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	576+78.33	-3.33	394.71	394.71
☉ Brg. S. Abut.	576+80.16	-3.33	394.70	394.70
A	576+90.16	-3.33	394.65	394.66
B	577+00.16	-3.33	394.60	394.62
C	577+10.16	-3.33	394.55	394.56
D	577+20.16	-3.33	394.50	394.50
☉ Brg. Pier 1	577+30.16	-3.33	394.45	394.45
E	577+40.16	-3.33	394.40	394.42
F	577+50.16	-3.33	394.35	394.39
G	577+60.16	-3.33	394.30	394.35
H	577+70.16	-3.33	394.25	394.30
I	577+80.16	-3.33	394.20	394.24
J	577+90.16	-3.33	394.16	394.17
☉ Brg. Pier 2	578+01.83	-3.33	394.10	394.10
K	578+11.83	-3.33	394.05	394.06
L	578+21.83	-3.33	394.00	394.04
M	578+31.83	-3.33	393.95	394.00
N	578+41.83	-3.33	393.90	393.96
O	578+51.83	-3.33	393.85	393.89
☉ Brg. N. Abut.	578+63.83	-3.33	393.80	393.80
Bk. N. Abut.	578+65.66	-3.33	393.79	393.79

FILE NAME: C:\SP\WHKS & COIL 3 over Nine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 079-0051**

SHEET 5 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	119
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

CL IL RTE. 3 AND PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	576+78.33	0.00	394.76	394.76
CL Brg. S. Abut.	576+80.16	0.00	394.75	394.75
A	576+90.16	0.00	394.70	394.71
B	577+00.16	0.00	394.65	394.67
C	577+10.16	0.00	394.60	394.61
D	577+20.16	0.00	394.55	394.55
CL Brg. Pier 1	577+30.16	0.00	394.50	394.50
E	577+40.16	0.00	394.45	394.47
F	577+50.16	0.00	394.40	394.44
G	577+60.16	0.00	394.35	394.40
H	577+70.16	0.00	394.30	394.35
I	577+80.16	0.00	394.25	394.29
J	577+90.16	0.00	394.21	394.22
CL Brg. Pier 2	578+01.83	0.00	394.15	394.15
K	578+11.83	0.00	394.10	394.11
L	578+21.83	0.00	394.05	394.09
M	578+31.83	0.00	394.00	394.05
N	578+41.83	0.00	393.95	394.01
O	578+51.83	0.00	393.90	393.94
CL Brg. N. Abut.	578+63.83	0.00	393.85	393.85
Bk. N. Abut.	578+65.66	0.00	393.84	393.84

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	576+78.33	3.33	394.71	394.71
CL Brg. S. Abut.	576+80.16	3.33	394.70	394.70
A	576+90.16	3.33	394.65	394.66
B	577+00.16	3.33	394.60	394.62
C	577+10.16	3.33	394.55	394.56
D	577+20.16	3.33	394.50	394.50
CL Brg. Pier 1	577+30.16	3.33	394.45	394.45
E	577+40.16	3.33	394.40	394.42
F	577+50.16	3.33	394.35	394.39
G	577+60.16	3.33	394.30	394.35
H	577+70.16	3.33	394.25	394.30
I	577+80.16	3.33	394.20	394.24
J	577+90.16	3.33	394.16	394.17
CL Brg. Pier 2	578+01.83	3.33	394.10	394.10
K	578+11.83	3.33	394.05	394.06
L	578+21.83	3.33	394.00	394.04
M	578+31.83	3.33	393.95	394.00
N	578+41.83	3.33	393.90	393.96
O	578+51.83	3.33	393.85	393.89
CL Brg. N. Abut.	578+63.83	3.33	393.80	393.80
Bk. N. Abut.	578+65.66	3.33	393.79	393.79

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	576+78.33	10.00	394.61	394.61
CL Brg. S. Abut.	576+80.16	10.00	394.60	394.60
A	576+90.16	10.00	394.55	394.56
B	577+00.16	10.00	394.50	394.52
C	577+10.16	10.00	394.45	394.46
D	577+20.16	10.00	394.40	394.40
CL Brg. Pier 1	577+30.16	10.00	394.35	394.35
E	577+40.16	10.00	394.30	394.32
F	577+50.16	10.00	394.25	394.29
G	577+60.16	10.00	394.20	394.25
H	577+70.16	10.00	394.15	394.20
I	577+80.16	10.00	394.10	394.14
J	577+90.16	10.00	394.06	394.07
CL Brg. Pier 2	578+01.83	10.00	394.00	394.00
K	578+11.83	10.00	393.95	393.96
L	578+21.83	10.00	393.90	393.94
M	578+31.83	10.00	393.85	393.90
N	578+41.83	10.00	393.80	393.86
O	578+51.83	10.00	393.75	393.79
CL Brg. N. Abut.	578+63.83	10.00	393.70	393.70
Bk. N. Abut.	578+65.66	10.00	393.69	393.69

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	576+78.33	16.67	394.48	394.48
CL Brg. S. Abut.	576+80.16	16.67	394.47	394.47
A	576+90.16	16.67	394.42	394.43
B	577+00.16	16.67	394.37	394.39
C	577+10.16	16.67	394.32	394.33
D	577+20.16	16.67	394.27	394.27
CL Brg. Pier 1	577+30.16	16.67	394.22	394.22
E	577+40.16	16.67	394.17	394.19
F	577+50.16	16.67	394.13	394.17
G	577+60.16	16.67	394.08	394.13
H	577+70.16	16.67	394.03	394.08
I	577+80.16	16.67	393.98	394.02
J	577+90.16	16.67	393.93	393.94
CL Brg. Pier 2	578+01.83	16.67	393.87	393.87
K	578+11.83	16.67	393.82	393.83
L	578+21.83	16.67	393.77	393.81
M	578+31.83	16.67	393.72	393.77
N	578+41.83	16.67	393.67	393.73
O	578+51.83	16.67	393.63	393.67
CL Brg. N. Abut.	578+63.83	16.67	393.57	393.57
Bk. N. Abut.	578+65.66	16.67	393.57	393.57

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 079-0051**

SHEET 6 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	120
CONTRACT NO. 76K25				
ILLINOIS		FED. AID PROJECT		

WEST EDGE OF SHOULDER

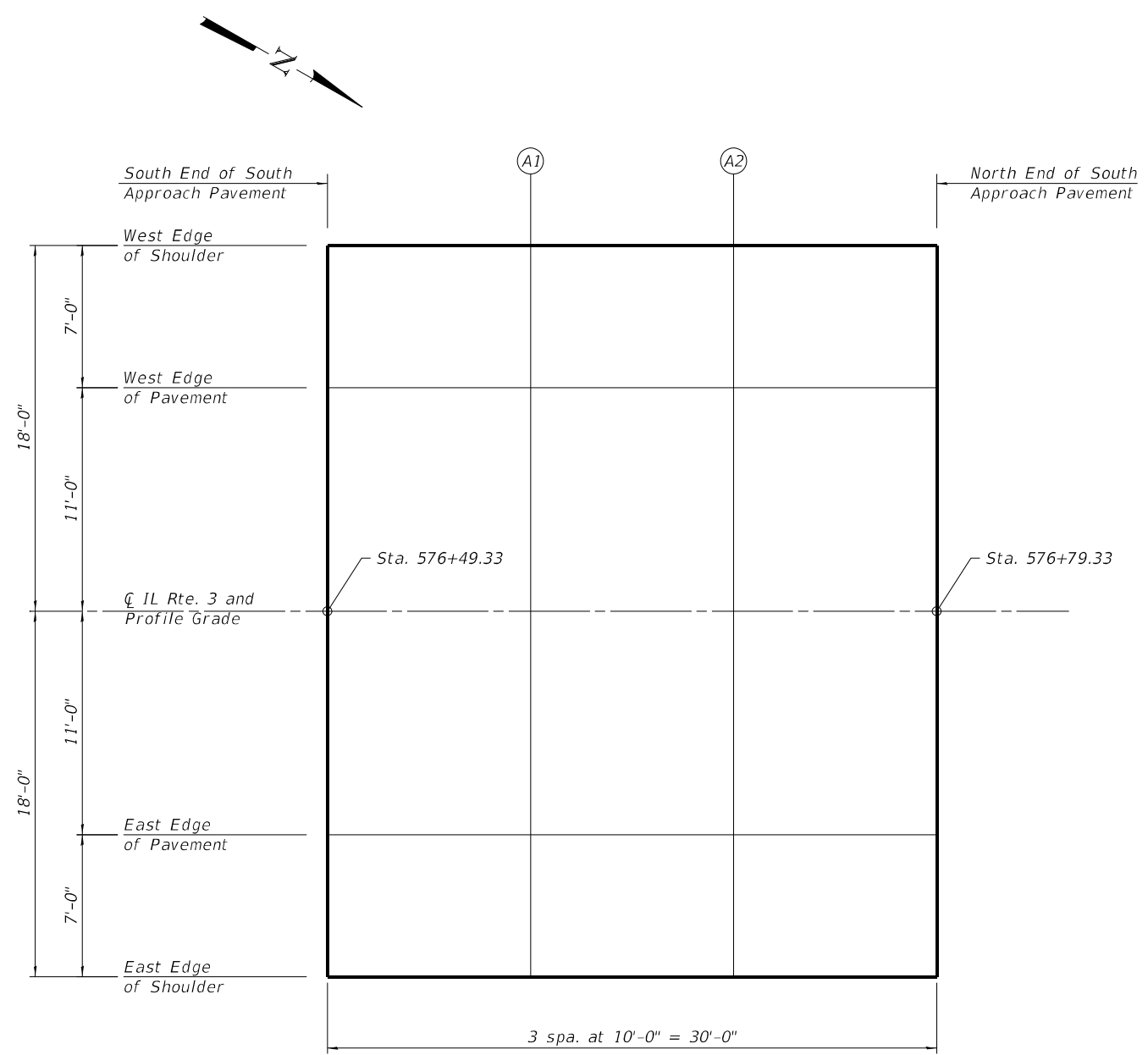
Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Pav't	576+49.33	-18.00	394.60
A1	576+59.33	-18.00	394.55
A2	576+69.33	-18.00	394.50
N. End S. Appr. Pav't	576+79.33	-18.00	394.45

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Pav't	576+49.33	-11.00	394.74
A1	576+59.33	-11.00	394.69
A2	576+69.33	-11.00	394.64
N. End S. Appr. Pav't	576+79.33	-11.00	394.59

CL RTE. 3 AND PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Pav't	576+49.33	0.00	394.90
A1	576+59.33	0.00	394.85
A2	576+69.33	0.00	394.80
N. End S. Appr. Pav't	576+79.33	0.00	394.76



PLAN
(South Approach)

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Pav't	576+49.33	11.00	394.74
A1	576+59.33	11.00	394.69
A2	576+69.33	11.00	394.64
N. End S. Appr. Pav't	576+79.33	11.00	394.59

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Pav't	576+49.33	18.00	394.60
A1	576+59.33	18.00	394.55
A2	576+69.33	18.00	394.50
N. End S. Appr. Pav't	576+79.33	18.00	394.45

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SOUTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 079-0051**

SHEET 7 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	121
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Pav't	578+64.66	-18.00	393.54
A3	578+74.66	-18.00	393.50
A4	578+84.66	-18.00	393.46
N. End N. Appr. Pav't	578+94.66	-18.00	393.43

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Pav't	578+64.66	-11.00	393.68
A3	578+74.66	-11.00	393.64
A4	578+84.66	-11.00	393.60
N. End N. Appr. Pav't	578+94.66	-11.00	393.57

CL RTE. 3 AND PROFILE GRADE

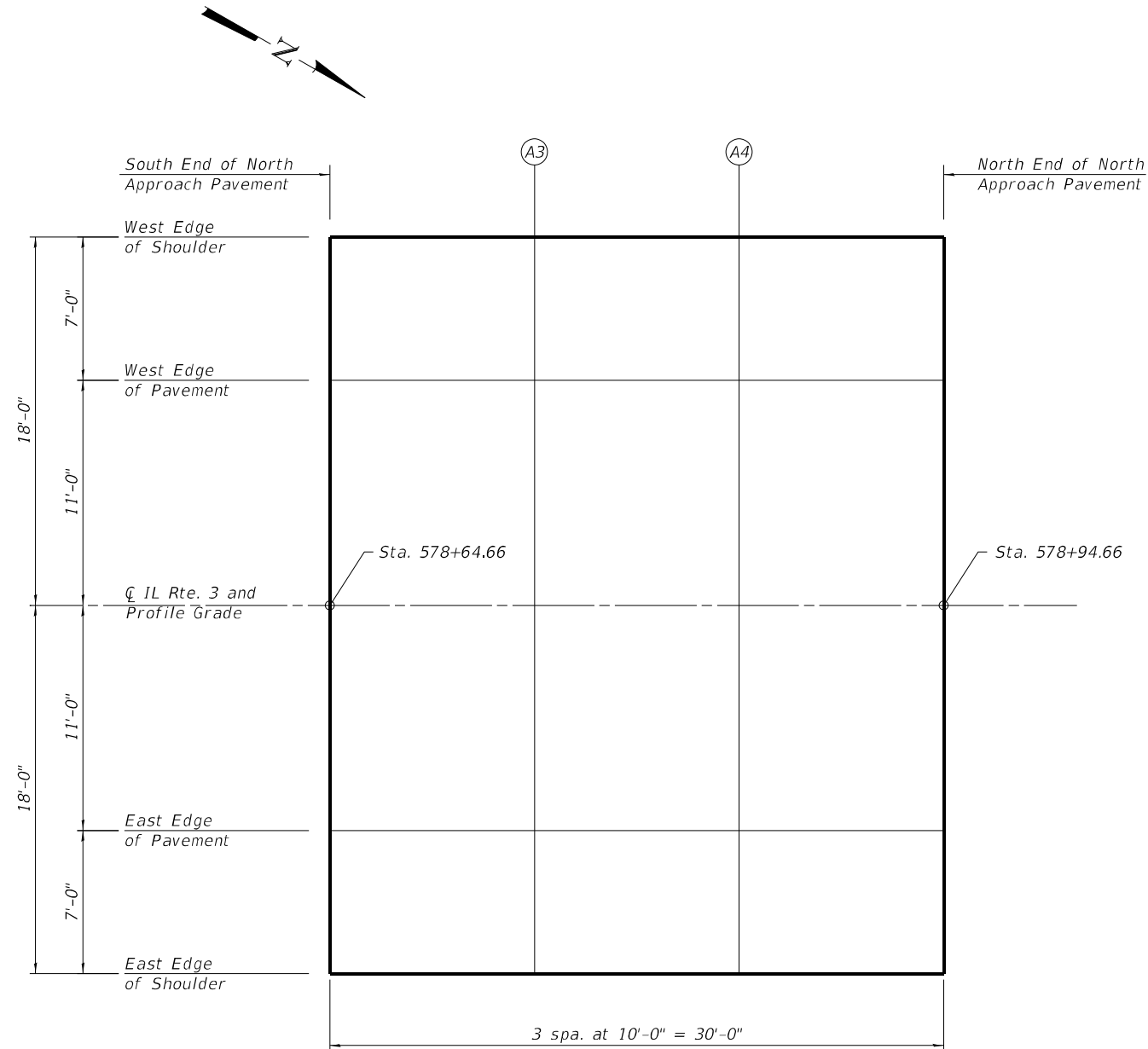
Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Pav't	578+64.66	0.00	393.85
A3	578+74.66	0.00	393.81
A4	578+84.66	0.00	393.77
N. End N. Appr. Pav't	578+94.66	0.00	393.73

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Pav't	578+64.66	11.00	393.68
A3	578+74.66	11.00	393.64
A4	578+84.66	11.00	393.60
N. End N. Appr. Pav't	578+94.66	11.00	393.57

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Pav't	578+64.66	18.00	393.54
A3	578+74.66	18.00	393.50
A4	578+84.66	18.00	393.46
N. End N. Appr. Pav't	578+94.66	18.00	393.43



PLAN
(North Approach)

E-AS

2-17-2017

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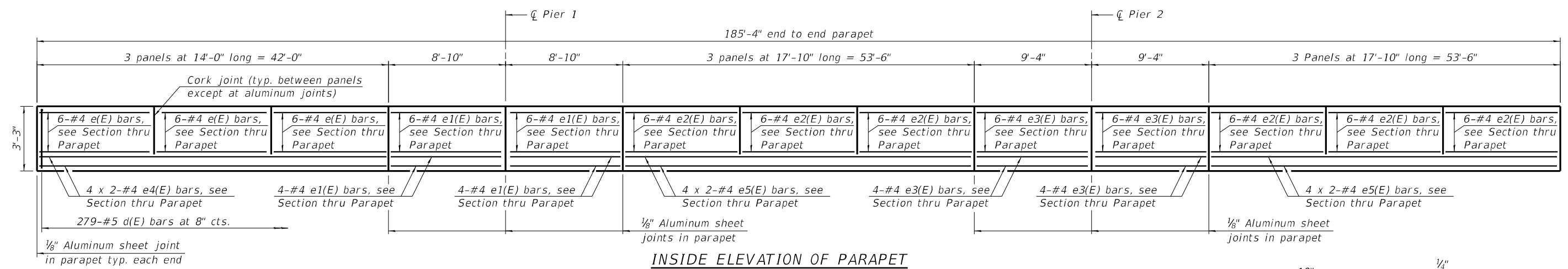
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

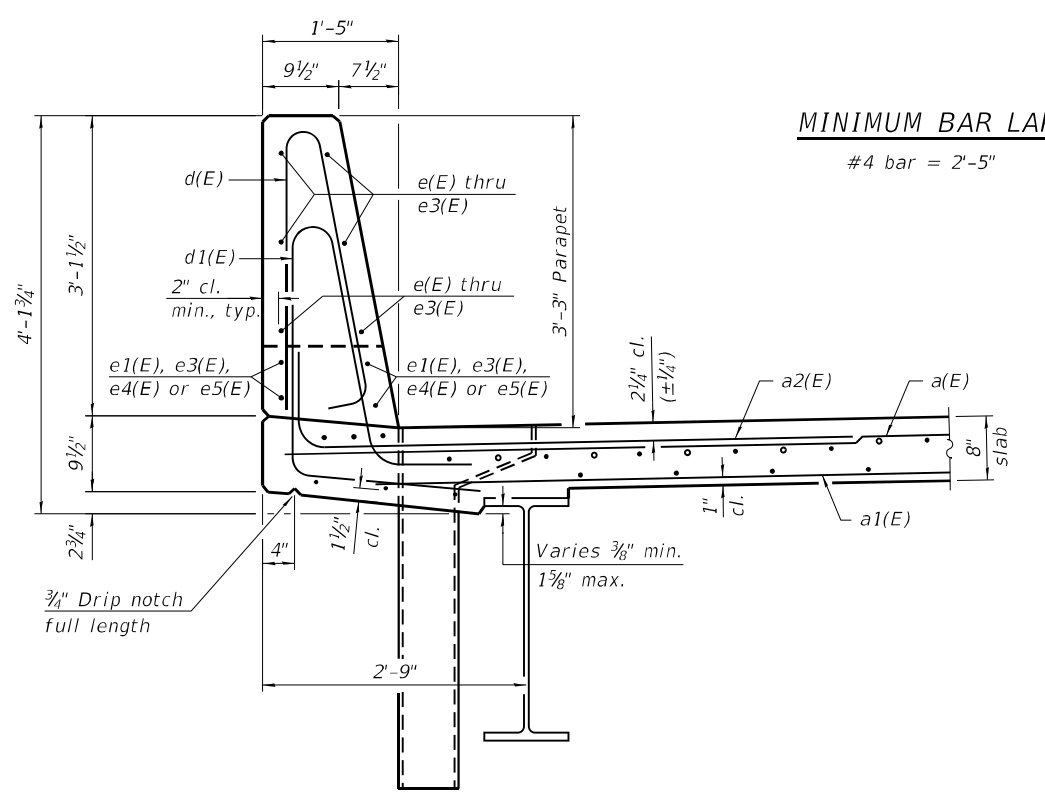
**TOP OF NORTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 079-0051**

SHEET 8 OF 27 SHEETS

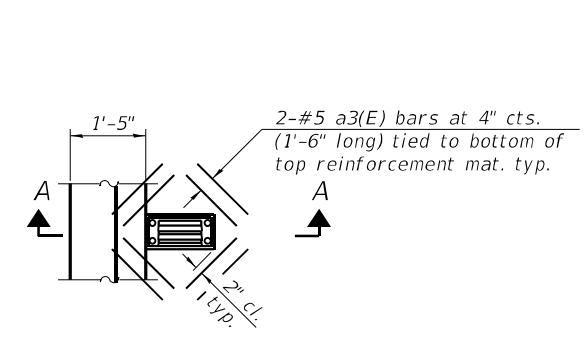
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	122
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



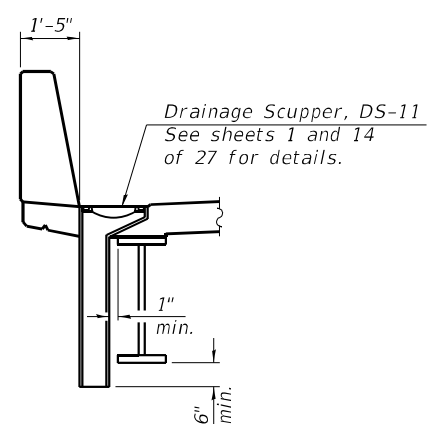
INSIDE ELEVATION OF PARAPET
(West parapet shown. East parapet similar.)



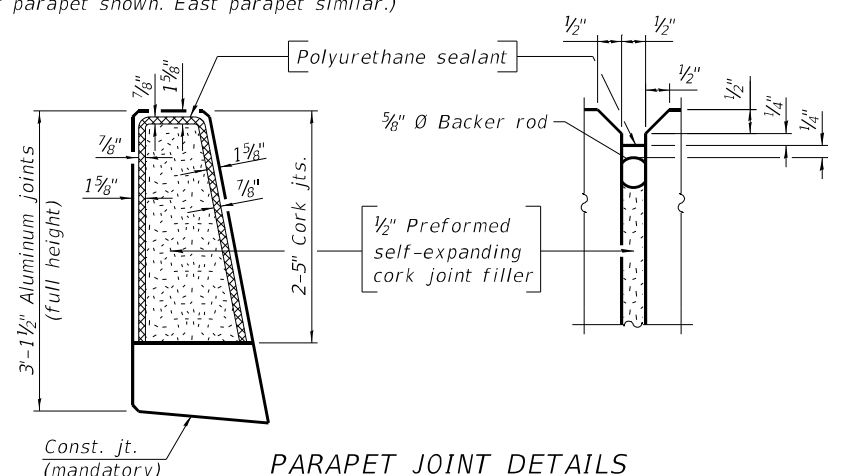
SECTION THRU PARAPET



PLAN



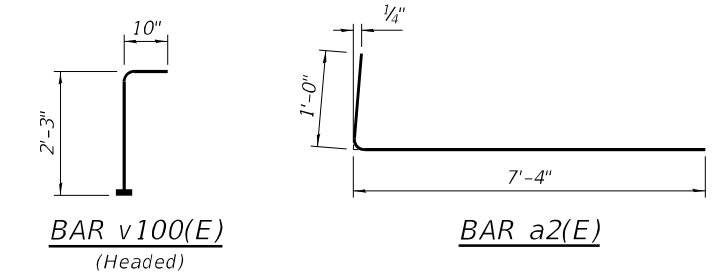
SECTION A-A



PARAPET JOINT DETAILS

Notes:

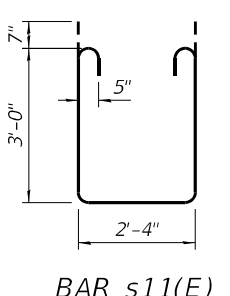
1. The 1/8" aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
2. The polyurethane sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.
3. Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.



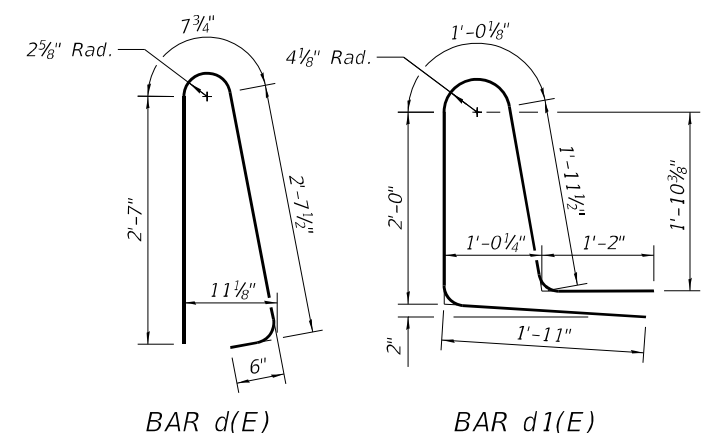
BAR v100(E)
(Headed)

BAR a2(E)

BAR s10(E)
(Headed)



BAR s11(E)



BAR d(E)

BAR d1(E)

**SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	366	#5	38'-6"	—
a1(E)	215	#5	36'-4"	—
a2(E)	716	#6	8'-4"	—
a3(E)	16	#5	1'-6"	—
b(E)	294	#5	29'-6"	—
b1(E)	35	#6	39'-11"	—
b2(E)	288	#5	26'-3"	—
b3(E)	35	#6	41'-2"	—
d(E)	558	#5	6'-5"	—
d1(E)	558	#5	8'-1"	—
e(E)	36	#4	13'-8"	—
e1(E)	40	#4	8'-6"	—
e2(E)	72	#4	17'-6"	—
e3(E)	40	#4	9'-0"	—
e4(E)	16	#4	22'-0"	—
e5(E)	32	#4	27'-9"	—
m10(E)	8	#6	38'-6"	—
m11(E)	30	#6	6'-4"	—
m12(E)	12	#6	2'-5"	—
s10(E)	72	#5	6'-10"	—
s11(E)	72	#5	9'-6"	—
v100(E)	78	#5	3'-1"	—
Concrete Superstructure		Cu. Yd.	277.3	
Bridge Deck Grooving		Sq. Yd.	700	
Protective Coat		Sq. Yd.	910	
Reinforcement Bars, Epoxy Coated		Pound	66,200	

Bars indicated thus 4 x 2-#4 etc. indicates 4 line of bars with 2 lengths per line.

FILE NAME: C:\SP\WHKS & COIL 3 over Nine Mile Creek - Documents\9167\02_IL 3 over Nine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn



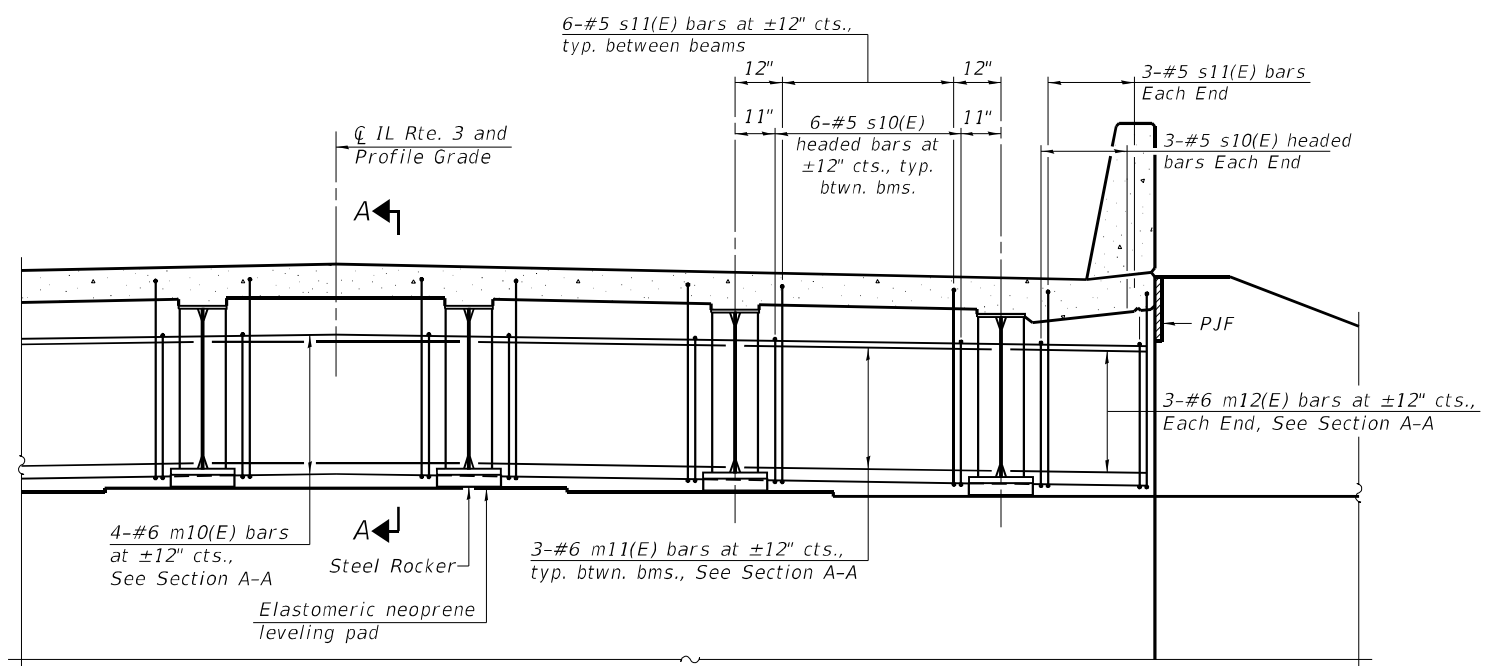
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PLOT DATE = 8:06:18 AM	DRAWN - DLH	REVISED -
	CHECKED - GEM/CEH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

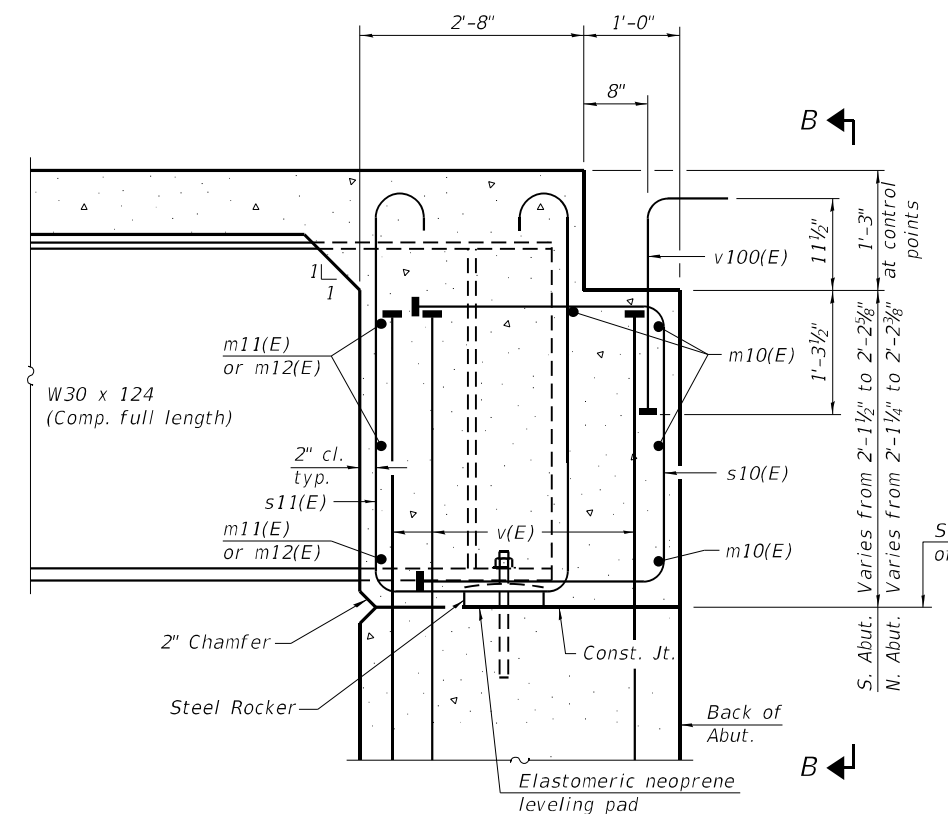
**SUPERSTRUCTURE DETAILS
STRUCTURE NO. 079-0051**

SHEET 10 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	124
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

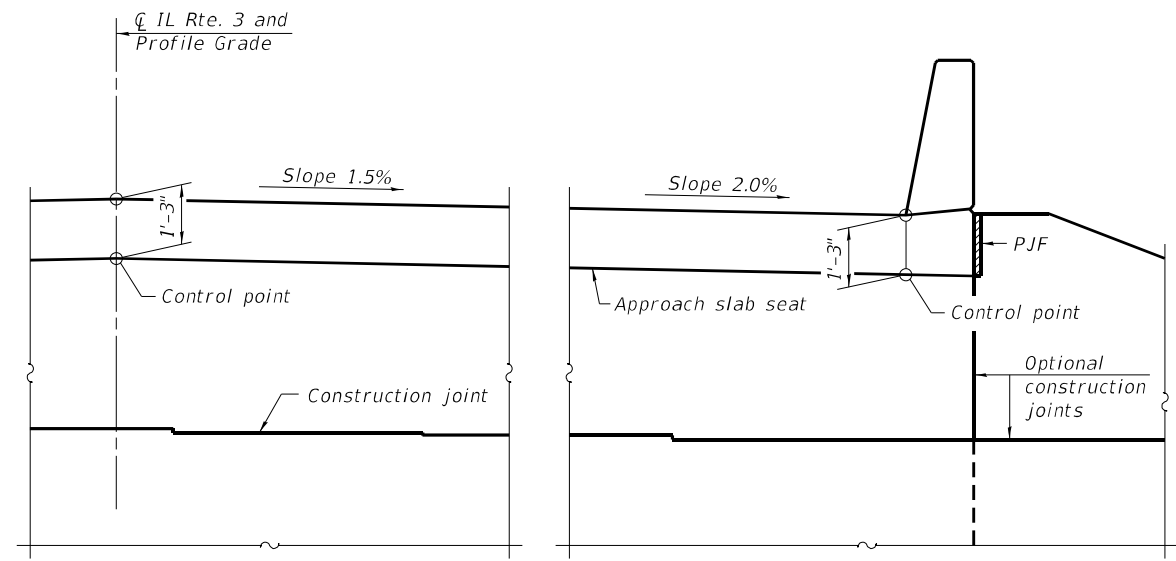


DIAPHRAGM AT ABUTMENT

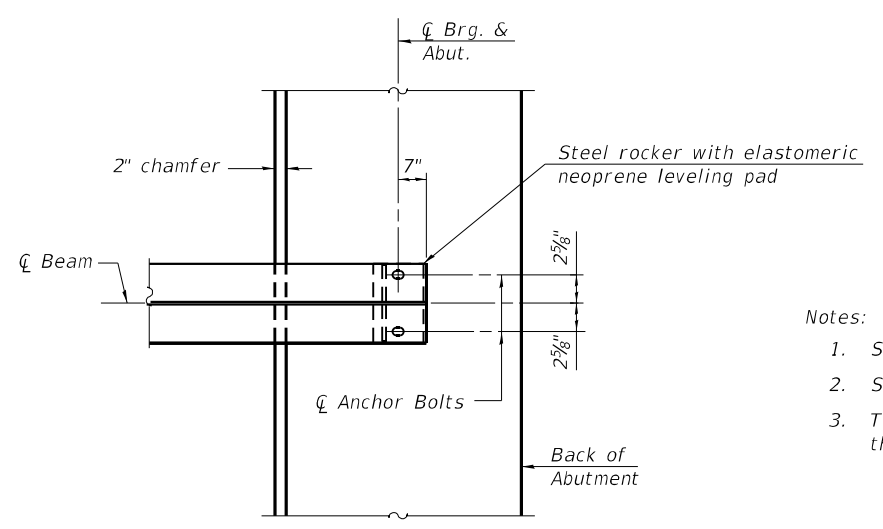


SECTION A-A

See sheets 18 and 19 of 27 for seat elevations.



VIEW B-B



PLAN AT ABUTMENT
(Showing bottom flange of beam)

- Notes:
1. See sheet 10 of 27 for superstructure details and Bill of Material.
 2. See sheets 12 of 27 for P.J.F. details.
 3. The approach slab seat shall have a constant slope determined from the control points shown.

FILE NAME: C:\SP\WHKS & COIL 3 over Mine Mile Creek - Documents\9167402_IL 3 over Mine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn

DIA-SB-0 06-15-2019



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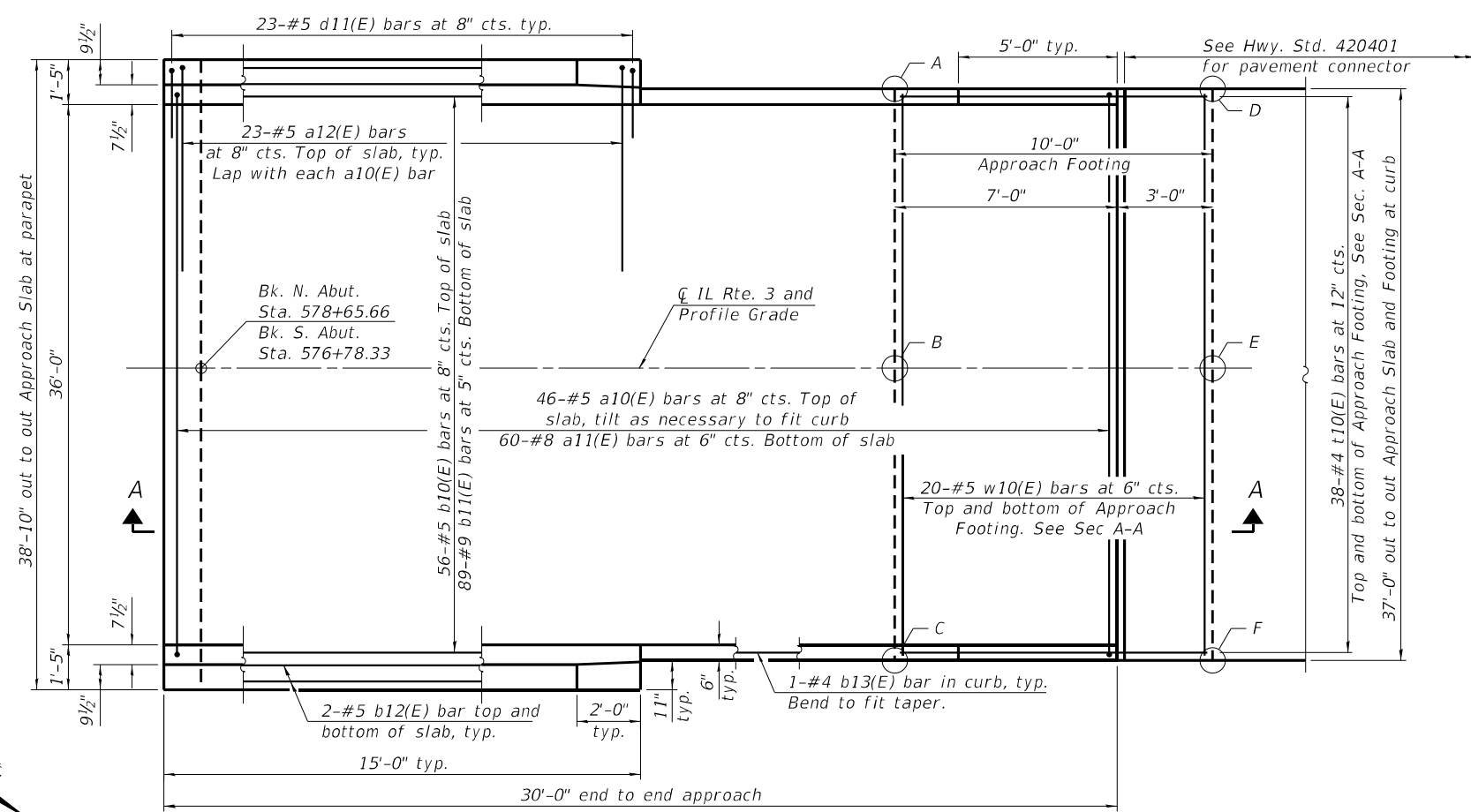
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO. 079-0051

SHEET 11 OF 27 SHEETS

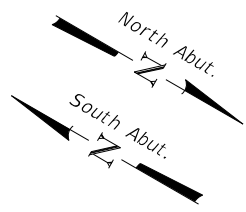
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	125
CONTRACT NO. 76K25				

ILLINOIS FED. AID PROJECT



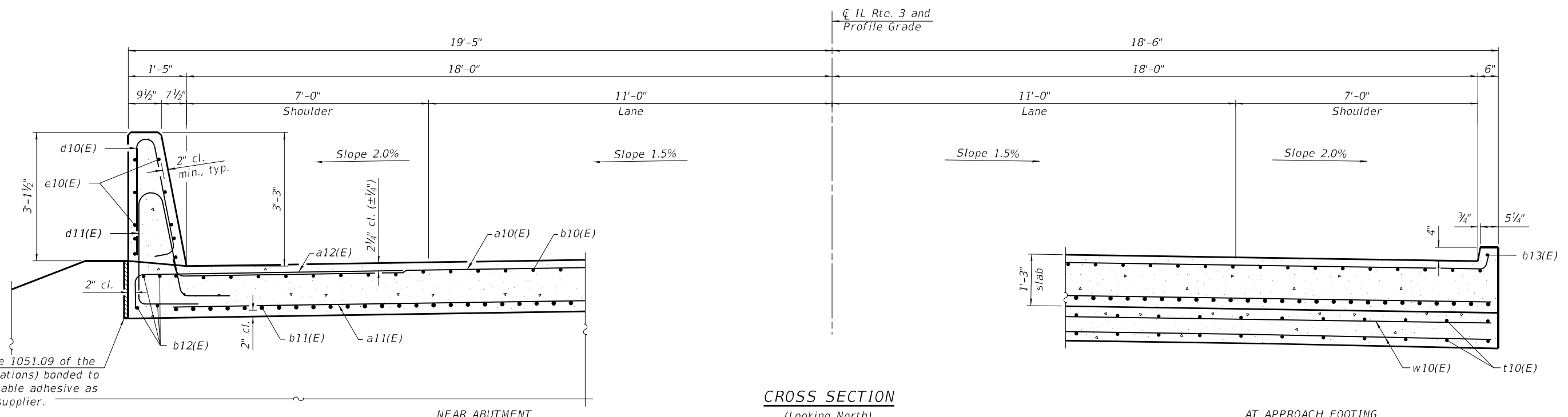
PLAN

(North approach slab shown, south approach slab similar by 180° rotation.)



TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

Point	South Approach			North Approach		
	Station	Top	Bottom	Station	Top	Bottom
A	576+56.33	393.31	392.47	578+87.66	392.20	391.36
B	576+56.33	393.62	392.79	578+87.66	392.51	391.68
C	576+56.33	393.31	392.47	578+87.66	392.20	391.36
D	576+46.33	393.36	392.52	578+97.66	392.16	391.32
E	576+46.33	393.67	392.84	578+97.66	392.47	391.64
F	576+46.33	393.36	392.52	578+97.66	392.16	391.32



CROSS SECTION

(Looking North)

AT APPROACH FOOTING

BAIA-CIP-39CS-0 10-12-2021

(Sheet 1 of 2)



design firm no. 184001036	USER NAME = dheberling	DESIGNED - GEM	REVISED -
		CHECKED - CEH	REVISED -
	PLOT DATE = 3/11/2022	DRAWN - DLH	REVISED -
	PLOT DATE = 8:06:19 AM	CHECKED - GEM/CEH	REVISED -

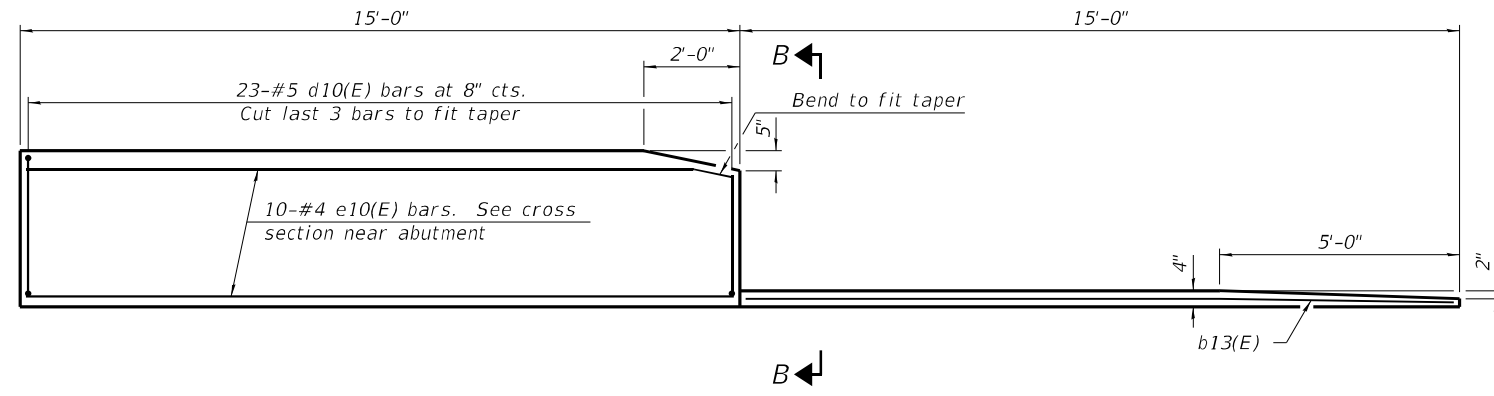
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 079-0051**

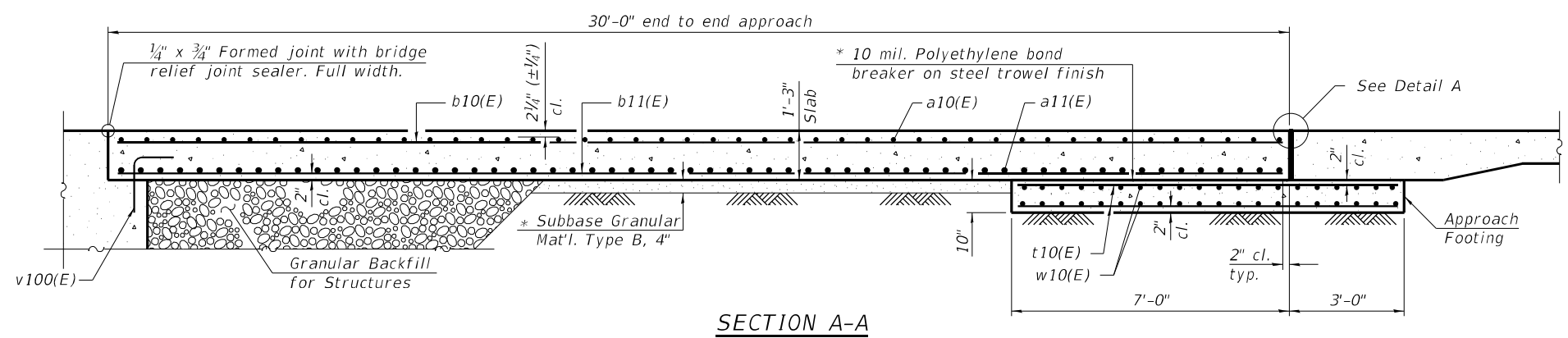
SHEET 12 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	126
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

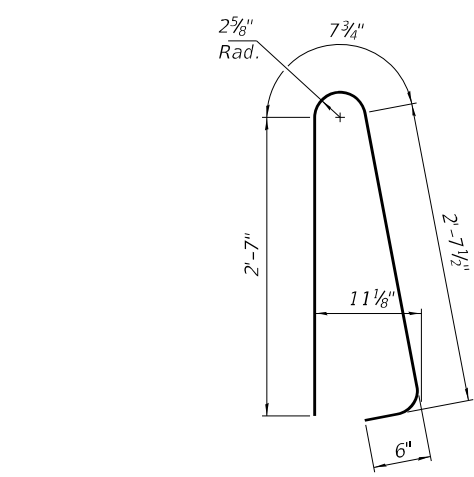
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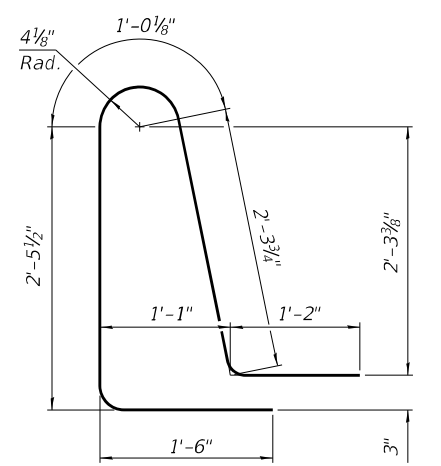
INSIDE ELEVATION OF PARAPET AND CURB



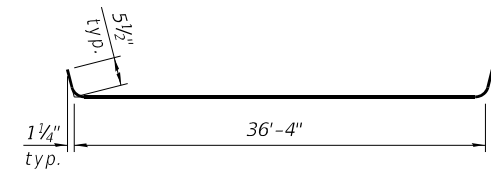
SECTION A-A



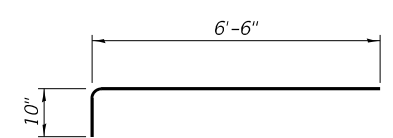
BAR d10(E)



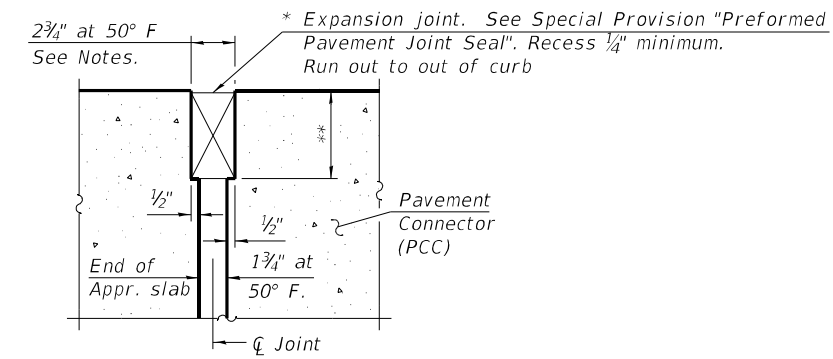
BAR d11(E)



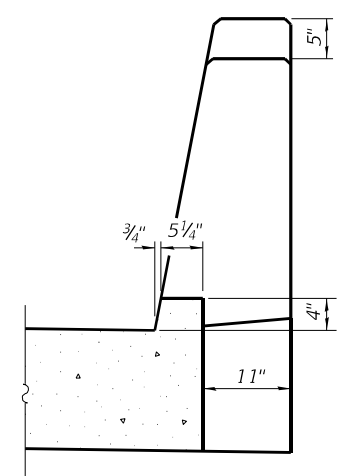
BAR a10(E)



BAR a12(E)



DETAIL A



VIEW B-B

Notes:

1. Parapet concrete shall be paid for as Concrete Superstructure.
2. Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
3. Approach footing concrete shall be paid for as Concrete Structures.
4. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
5. Cost of excavation for approach footing included with Concrete Structures.
6. For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 27.
7. The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	92	#5	37'-3"	—
a11(E)	120	#8	36'-8"	—
a12(E)	92	#5	7'-4"	—
b10(E)	112	#5	29'-8"	—
b11(E)	178	#9	29'-8"	—
b12(E)	16	#5	14'-8"	—
b13(E)	4	#4	14'-8"	—
d10(E)	92	#5	6'-5"	U
d11(E)	92	#5	8'-6"	U
e10(E)	40	#4	14'-8"	—
t10(E)	152	#4	9'-8"	—
w10(E)	80	#5	36'-8"	—
Concrete Superstructure			Cu. Yd.	7.8
Concrete Superstructure (Approach Slab)			Cu. Yd.	105.9
Concrete Structures			Cu. Yd.	22.8
Reinforcement Bars, Epoxy Coated			Pound	43,590
Bridge Deck Grooving			Sq. Yd.	230
Protective Coat			Sq. Yd.	263

* Cost included with Concrete Superstructure (Approach Slab).
** Per manufacturer recommendations

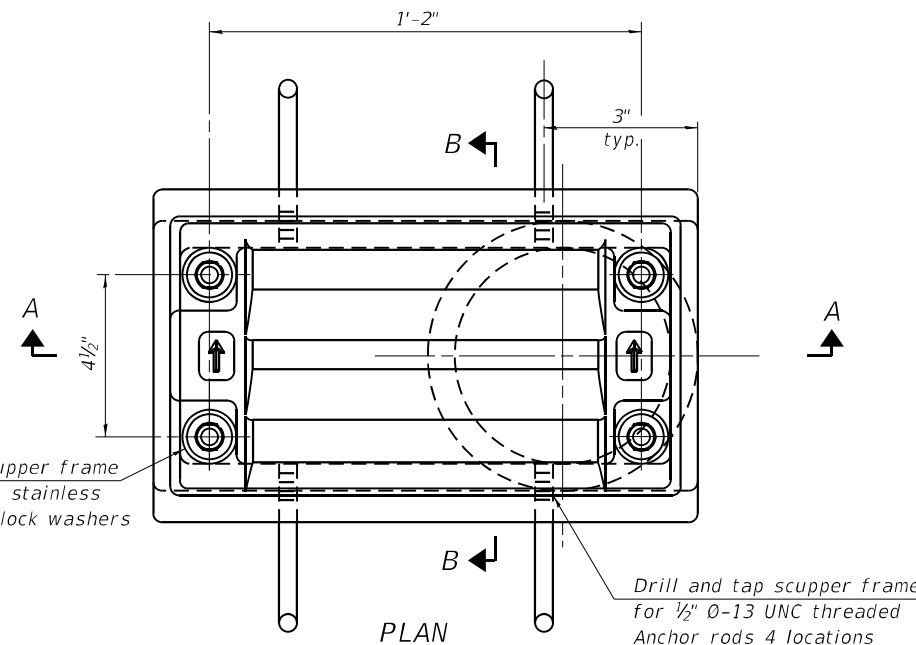
BAIA-CIP-39CS-0 10-12-2021

(Sheet 2 of 2)

FILE NAME: C:\SP\WHKS & COIL 3 over Nine Mile Creek - Documents\9167\02_IL 3 over Nine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn

	USER NAME = dtheberling	DESIGNED - GEM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE APPROACH SLAB DETAILS STRUCTURE NO. 079-0051	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 3/11/2022	CHECKED - CEH	REVISED -			312	74BR-2	RANDOLPH	293	127
	PLOT DATE = 8:06:19 AM	DRAWN - DLH	REVISED -	SHEET 13 OF 27 SHEETS		CONTRACT NO. 76K25		ILLINOIS FED. AID PROJECT		

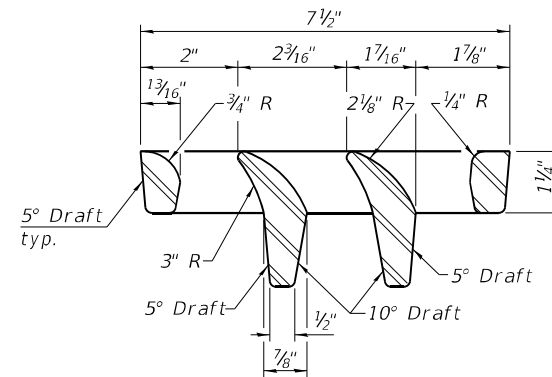
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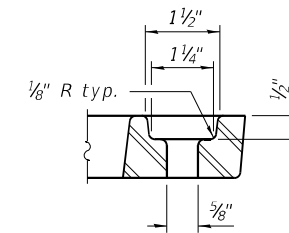
Drill and tap scupper frame for 1/2" Ø-13 UNC stainless steel bolts with lock washers 4 locations

Drill and tap scupper frame for 1/2" Ø-13 UNC threaded Anchor rods 4 locations

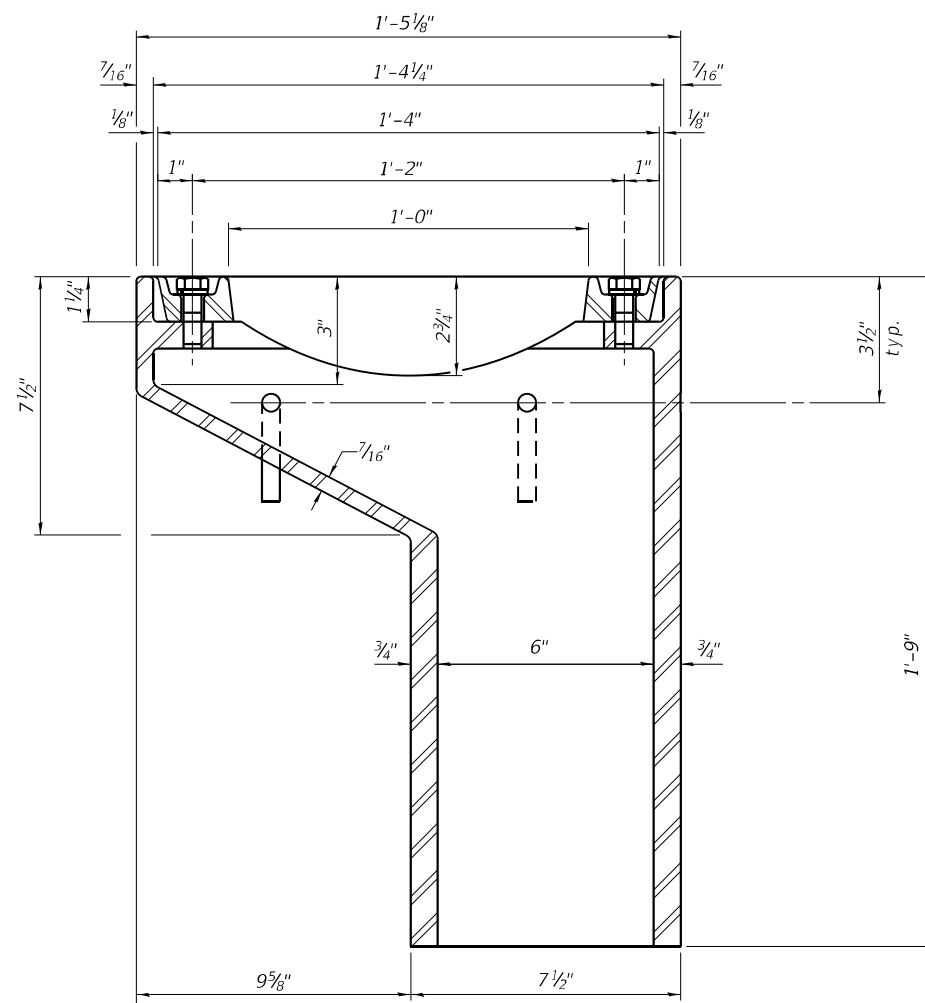
PLAN



VANE GRATE DETAIL

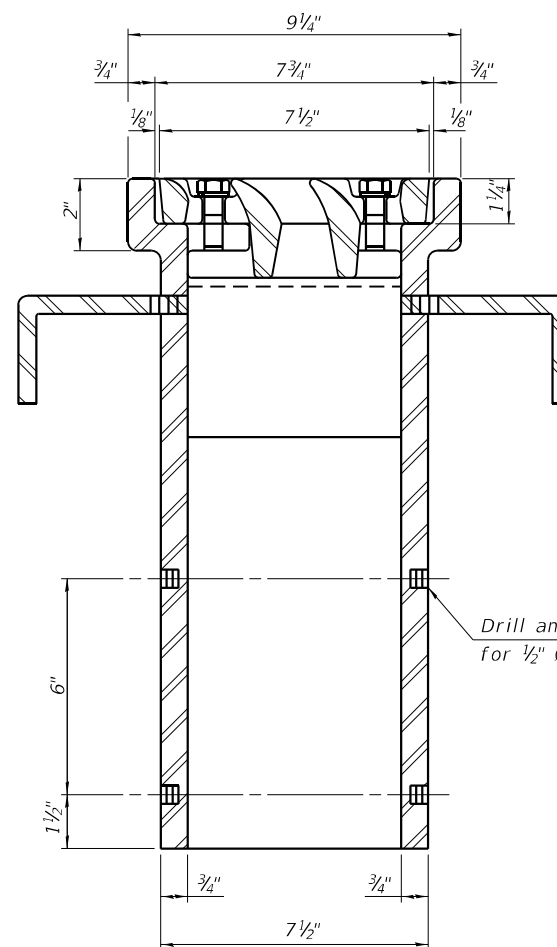


GRATE BOLT HOLE DETAIL



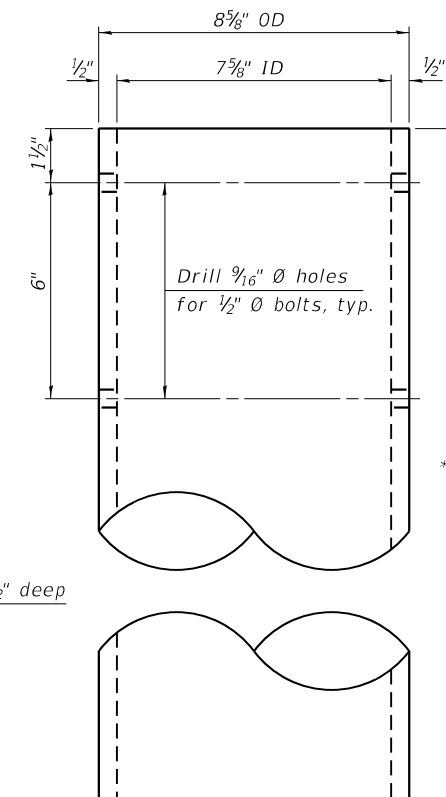
SECTION A-A

See sheet 10 of 27 for scupper location relative to parapet.



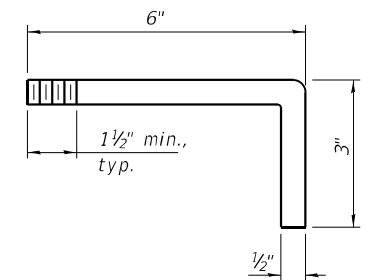
SECTION B-B

Drill and tap 4 holes 1/2" deep for 1/2" Ø-13 UNC bolts.



* See sheet 10 of 27.

DOWNSPOUT



ANCHOR ROD DETAIL

Notes:

- All cast iron parts shall be gray iron conforming to the requirements of AASHTO M105, Class 35B and AASHTO M306.
- Bolts, anchor rods, nuts and washers shall be according to ASTM A307 and shall be galvanized according to AASHTO M232. As an alternate stainless steel may be used.
- Stainless steel hardware shall be according to Article 1006.29(d) of the Standard Specifications.
- Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frames and downspouts; however, the scupper grates shall remain cast iron. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval.
- Structural steel scupper frames and downspouts, when utilized, shall be galvanized according to AASHTO M111.
- As an alternate, fiberglass may be used for downspouts according to ASTM D2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. in lieu of the cast iron or structural steel.
- Exterior surfaces of downspouts and exterior exposed surfaces of the scupper frame below deck shall be treated as specified on sheet 2 of 27.
- The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.
- Cost of the grate, frame, downspout, anchor rods, nuts and washers including complete installation of the scupper shall be paid for at the contract unit price for Drainage Scupper, DS-11.

BILL OF MATERIAL

Item	Unit	Total
Drainage Scupper, DS-11	Each	2

DS-11

1-1-2020



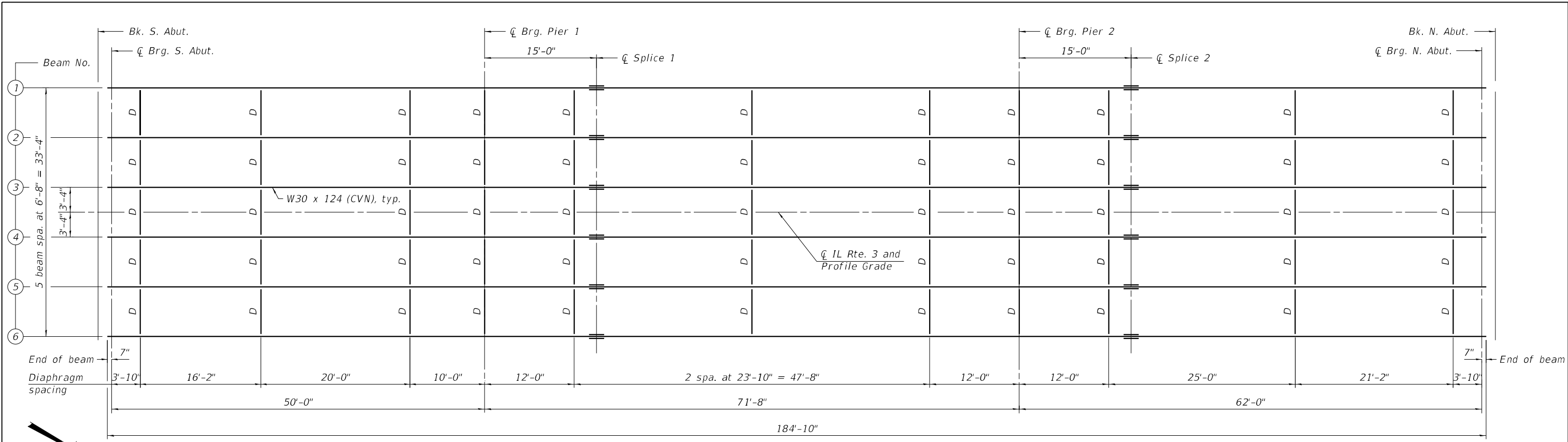
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PLOT DATE = 8:06:20 AM	DRAWN - DLH	REVISED -
	CHECKED - GEM/CEH	REVISED -

STATE OF ILLINOIS
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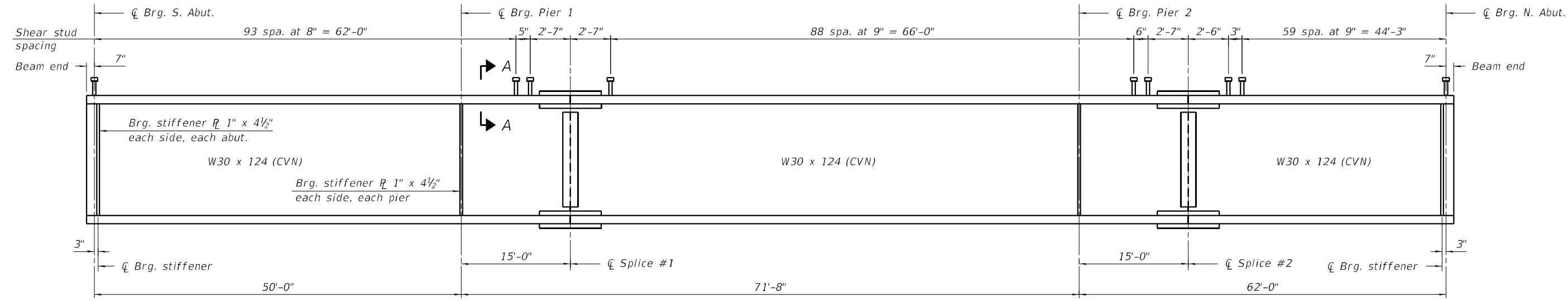
DRAINAGE SCUPPER, DS-11
STRUCTURE NO. 079-0051

SHEET 14 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	128
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



FRAMING PLAN



BEAM ELEVATION

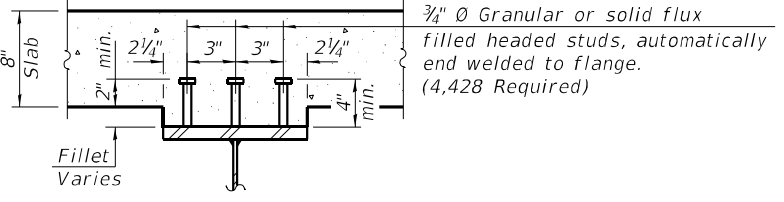
**** TOP OF BEAM ELEVATIONS**

Location	☐ Brg. S. Abut.	☐ Brg. Pier 1	☐ Splice #1	☐ Brg. Pier 2	☐ Splice #2	☐ Brg. N. Abut.
Beam 1	393.76	393.47	393.38	393.10	393.02	392.86
Beam 2	393.88	393.59	393.51	393.23	393.15	392.98
Beam 3	393.98	393.69	393.61	393.33	393.25	393.08
Beam 4	393.98	393.69	393.61	393.33	393.25	393.08
Beam 5	393.88	393.59	393.51	393.23	393.15	392.98
Beam 6	393.76	393.47	393.38	393.10	393.02	392.86

** For Fabrication Only.

Notes:

- All beams, bearing stiffeners, and splice plates shall be AASHTO M270, Grade 50, (CVN).
- See sheet 16 of 27 for diaphragm details.
- Load carrying components designated (CVN) shall conform to the Charpy-V-Notch Impact Energy Requirement, Zone 2.
- All cross frames or diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.



SECTION A-A

FILE NAME: C:\SP\WHKS & COIL 3 over Nine Mile Creek - Documents\9167.02_IL 3 over Nine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn



design firm no. 184001036	USER NAME = dheberling	DESIGNED - GEM	REVISED -
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	PLOT DATE = 3/11/2022	DRAWN - DLH	REVISED -
	PLOT DATE = 8:06:20 AM	CHECKED - GEM/CEH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FRAMING PLAN
STRUCTURE NO. 079-0051**

SHEET 15 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	129
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

INTERIOR BEAM MOMENT TABLE						
		0.4 Span 1	Pier 1	0.5 Span 2	Pier 2	0.6 Span 3
I_s	(in ⁴)	5360	5360	5360	5360	5360
$I_c(n)$	(in ⁴)	15608	-	15608	-	15608
$I_c(3n)$	(in ⁴)	11623	-	11623	-	11623
$I_c(cr)$	(in ⁴)	-	7517	-	7517	-
S_s	(in ³)	354.9	354.9	354.9	354.9	354.9
$S_c(n)$	(in ³)	542.1	-	542.1	-	542.1
$S_c(3n)$	(in ³)	491.7	-	491.7	-	491.7
$S_c(cr)$	(in ³)	-	414.8	-	414.8	-
DC1	(k/')	0.837	0.837	0.837	0.837	0.837
M_{DC1}	(k)	128	305	190	387	230
DC2	(k/')	0.175	0.175	0.175	0.175	0.175
M_{DC2}	(k)	27	65	39	82	48
DW	(k/')	0.3	0.3	0.3	0.3	0.3
M_{DW}	(k)	46	111	67	140	82
LLDF		0.626	0.605	0.588	0.595	0.603
M_{L+IM}	(k)	537	558	623	649	687
f_l (Strength I)	(ksi)	-	-	-	-	-
$M_u + \frac{1}{2} f_l S_{xc}$	(k)	1203	1607	1477	1932	1673
$\phi_r M_n$	(k)	2813	2161	2754	2152	2715
f_s DC1	(ksi)	4.3	10.3	6.4	13.1	7.8
f_s DC2	(ksi)	0.7	1.9	0.9	2.4	1.2
f_s DW	(ksi)	1.1	3.2	1.6	4.1	2.0
f_s (L+IM)	(ksi)	11.9	16.1	13.8	18.8	15.2
f_l (Service II)	(ksi)	-	-	-	-	-
$f_s + f_{l/2}$ (Service II)	(ksi)	21.6	36.4	26.8	44	30.8
$0.95R_n F_{yf}$	(ksi)	47.5	47.5	47.5	47.5	47.5
$f_s + f_{l/3}$ (Total)(Strength I)	(ksi)	-	-	-	-	-
$\phi_r F_n$	(ksi)	-	-	-	-	-
V_f	(k)	23.9	27.7	27.7	26.2	24.5

BEAM REACTION TABLE								
	S. Abut.		Pier 1		Pier 2		N. Abut.	
	Interior	Exterior	Interior	Exterior	Interior	Exterior	Interior	Exterior
LLDF	0.719	0.528	0.719	0.528	0.719	0.528	0.719	0.528
OCF	-	-	-	-	-	-	-	-
R_{DC1} (k)	15.6	15.6	55.7	55.7	63.1	63.1	20.4	20.4
R_{DC2} (k)	3.1	3.1	11.7	11.7	13.3	13.3	4.1	4.1
R_{DW} (k)	5.3	5.3	20.1	20.1	22.7	22.7	7.0	7.0
R_L (k)	51.2	37.6	83.4	61.1	86.3	63.3	55.0	40.3
R_{IM} (k)	13.3	9.8	16.5	12.1	16.5	12.1	13.9	10.2
R_{Total} (k)	88.5	71.4	187.4	160.7	201.9	174.5	100.4	82.0

I_s, S_s : Non-composite moment of inertia and section modulus of the steel section used for computing f_s (Total-Strength I, and Service II) due to non-composite dead loads (in.⁴ and in.³).

$I_c(n), S_c(n)$: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections due to short term composite live loads (in.⁴ and in.³).

$I_c(3n), S_c(3n)$: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections due to long-term composite (superimposed) dead loads (in.⁴ and in.³).

$I_c(cr), S_c(cr)$: Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing f_s (Total-Strength I and Service II) in cracked sections, due to both short-term composite live loads and long-term composite (superimposed) dead loads (in.⁴ and in.³).

S_{xc} : Section modulus about the major axis of section to the controlling flange, tension or compression, taken as yield moment with respect to the controlling flange over the yield strength of the controlling flange (in.³).

DC1: Un-factored non-composite dead load (kips/ft.).
 M_{DC1} : Un-factored moment due to non-composite dead load (kip-ft.).
 DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).
 M_{DC2} : Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).
 DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).
 M_{DW} : Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).
 M_{L+IM} : Un-factored live load moment plus dynamic load allowance (impact)(kip-ft.).

M_u (Strength I): Factored design moment (kip-ft.).
 $1.25 (MDC1 + MDC2) + 1.5 MDW + 1.75 M_{L+IM}$

f_t : Factored calculated normal stress at edge of flange for controlling flange plate due to lateral bending, Strength I or Service II as applicable (ksi).

$\phi_r M_n$: Compact composite positive moment capacity computed according to Article 6.10.7.1 or non-slender negative moment capacity according to Article A6.1.1 or A6.1.2 (kip-ft.).

f_s DC1: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
 $MDC1 / S_c$

f_s DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
 $MDC2 / S_c(3n)$ or $MDC2 / S_c(cr)$ as applicable.

f_s DW: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
 $MDW / S_c(3n)$ or $MDW / S_c(cr)$ as applicable.

f_s (L+IM): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live plus impact loads as calculated below (ksi).
 $M_{L+IM} / S_c(n)$ or $M_{L+IM} / S_c(cr)$ as applicable.

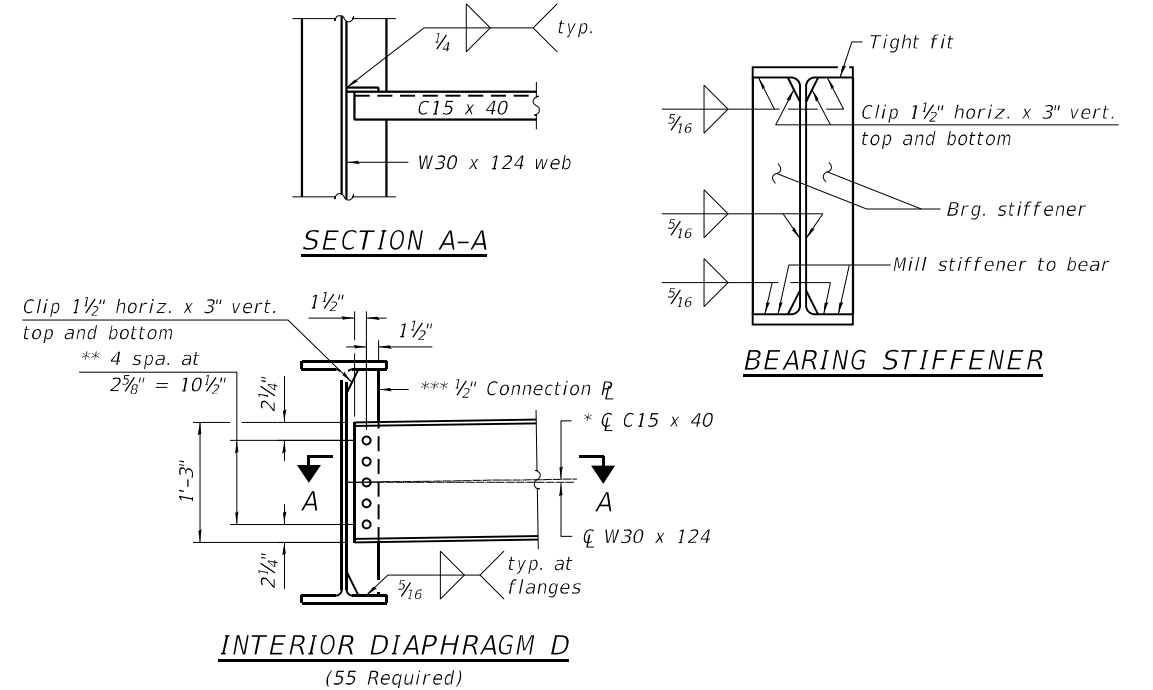
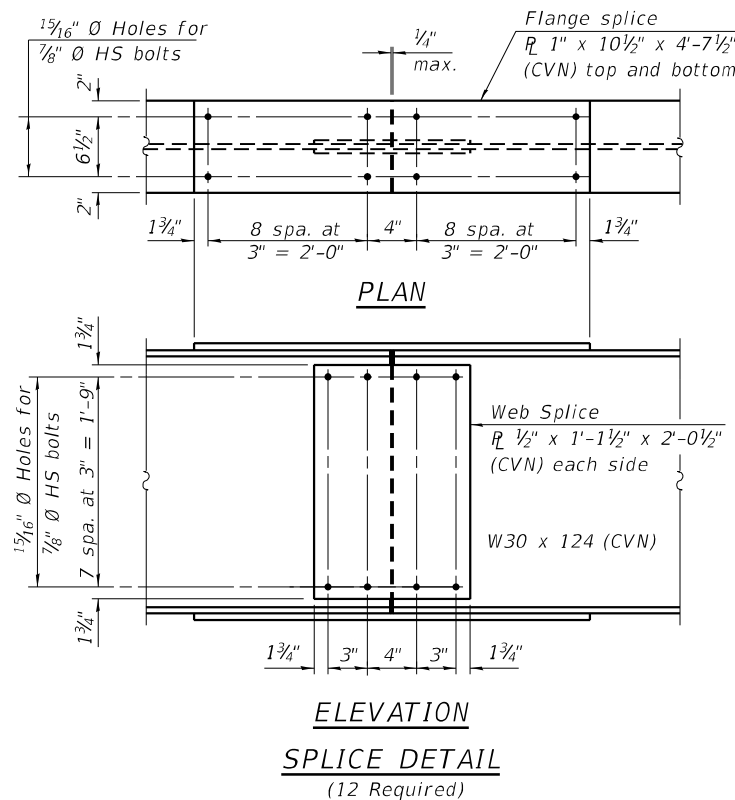
$f_s + f_{l/2}$ (Service II): Sum of stresses as computed below (ksi).
 $f_s DC1 + f_s DC2 + f_s DW + 1.3 f_s(L+IM) + f_{l/2}$

$0.95R_n F_{yf}$: Composite stress capacity for Service II loading according to Article 6.10.4.2 (ksi).

$f_s + f_{l/3}$ (Total)(Strength I): Sum of stresses as computed below on non-compact section (ksi).
 $1.25 (f_s DC1 + f_s DC2) + 1.5 f_s DW + 1.75 f_s(L+IM) + f_{l/3}$

$\phi_r F_n$: Non-Compact composite positive or negative stress capacity for Strength I loading according to Article 6.10.7 or 6.10.8 (ksi).

V_f : Maximum factored shear range in span computed according to Article 6.10.10.



- Notes:
- Two hardened washers required for each set of oversized holes.
 - The alternate channel, if utilized, shall be provided at no additional cost to the Department.
 - For bearing stiffeners and diaphragm connection plates stop welds 1/4" ($\pm 1/8$ ") from edges.
- * Alternate channels of equal depth and larger weight are permitted to facilitate material acquisition. Calculated weight of structural steel is based on the lighter section shown.
- ** 3/4" ϕ HS bolts, 1 5/16" ϕ holes.
- *** Except at piers, see Bearing Stiffener detail.

- Splice Notes:
- All splices are symmetrical about ϕ splice.
 - Load carrying components designated (CVN) shall conform to the Charpy-V-Notch Impact Energy Requirements, Zone 2.

FILE NAME: C:\SP\WHKS & COIL 3 over Mine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn



design firm no. 184001036	USER NAME = dheberling	DESIGNED - GEM	REVISED -
		CHECKED - CEH	REVISED -
	PLOT DATE = 3/11/2022	DRAWN - DLH	REVISED -
	PLOT DATE = 8:06:20 AM	CHECKED - GEM/CEH	REVISED -

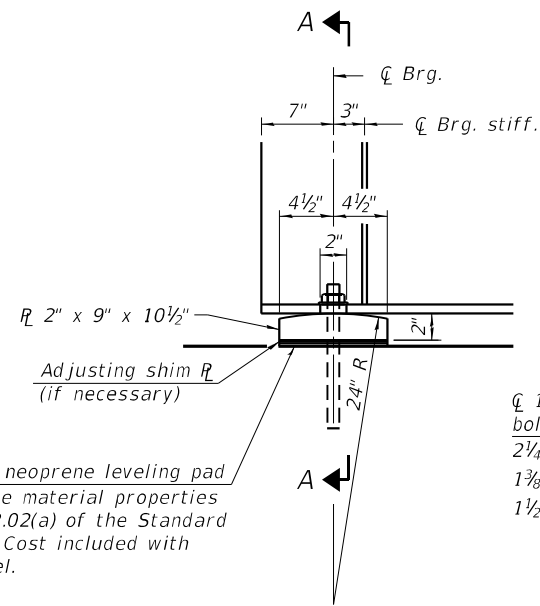
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL DETAILS
STRUCTURE NO. 079-0051

SHEET 16 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	748R-2	RANDOLPH	293	130
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

* Plates shall conform to the requirements of AASHTO M270, Grade 50.

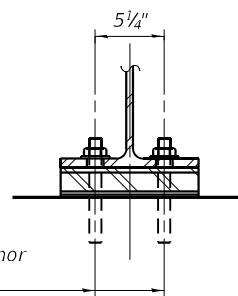


ELEVATION AT ABUTMENT

1/8" elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specifications. Cost included with Structural Steel.

1/8" elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specifications. Cost included with Structural Steel.

Adjusting shim (if necessary)

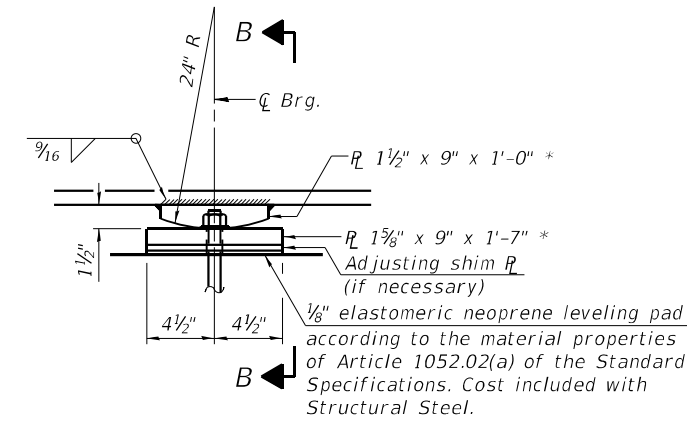


SECTION A-A

FIXED BEARING

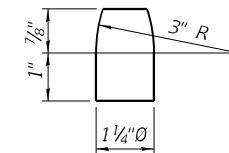
Notes:

1. Anchor bolts shall be according to Article 521.06 of the Standard Specifications.
2. Beams shall be braced for stability during erection and remain braced until deck is poured and cured.
3. Anchor bolts at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.
4. The anchor bolt sizes and grades shown constitute a calculated seismic structural fuse. Substitution of higher diameter and/or grade anchor bolts will not be allowed.
5. Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.



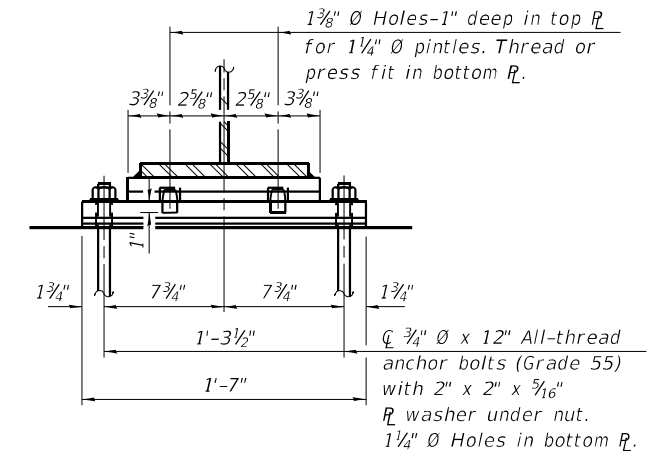
ELEVATION AT PIER

FIXED BEARING



PINTLE

(Fy = 36 ksi)



SECTION B-B

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts, 3/4"	Each	24
Anchor Bolts, 1"	Each	24

FILE NAME: C:\SP\WHKS & COIL 3 over Nine Mile Creek - Documents\91517\02_IL 3 over Nine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn

design firm
no. 184001036



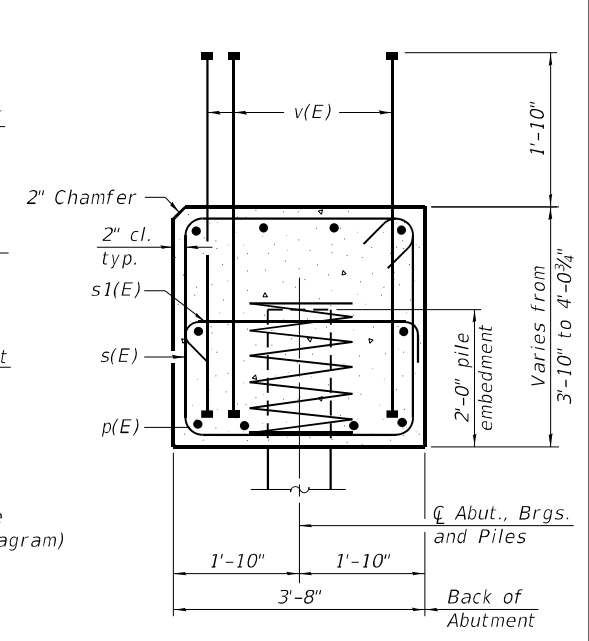
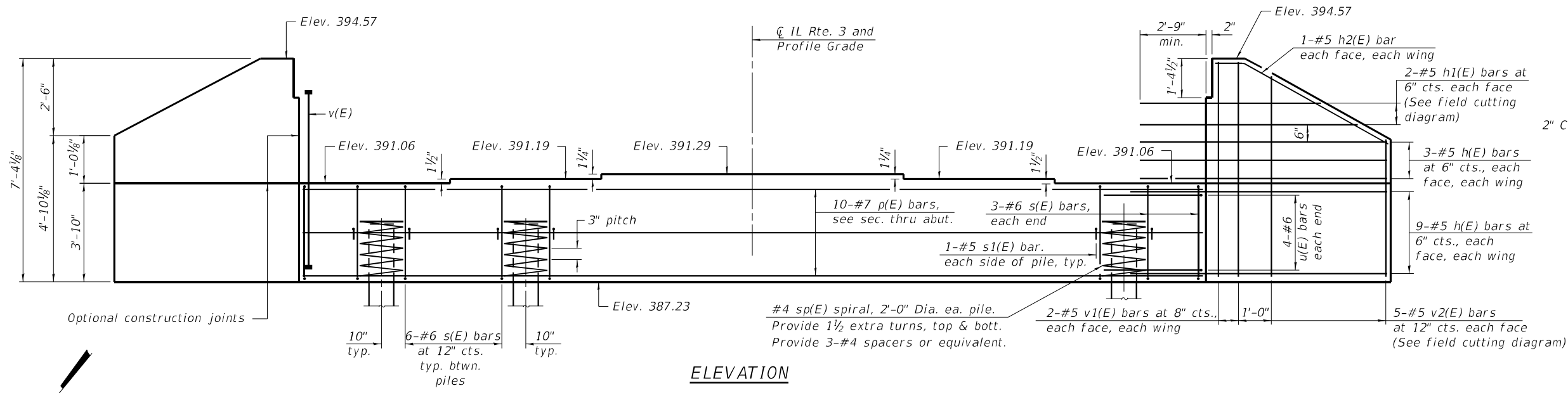
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PLOT DATE = 8:13:49 AM	CHECKED - GEM/CEH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEARING DETAILS
STRUCTURE NO. 079-0051

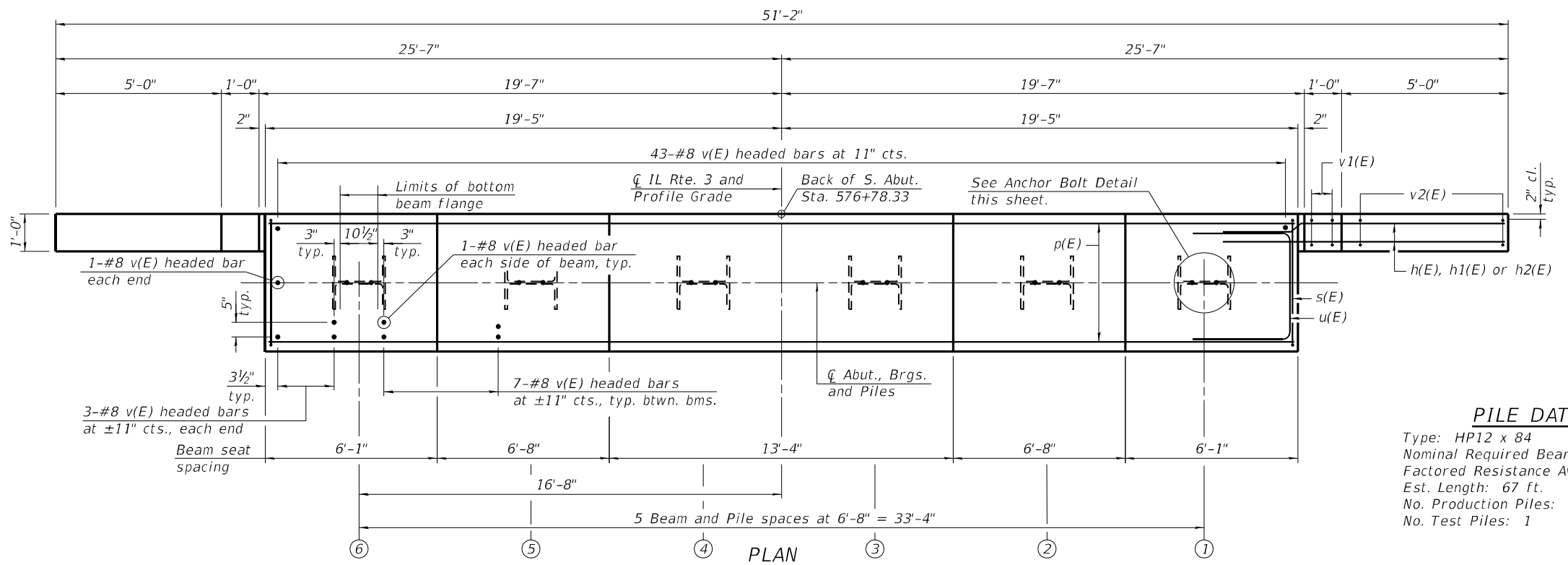
SHEET 17 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	131
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K25	



ELEVATION

SEC. THRU ABUT.



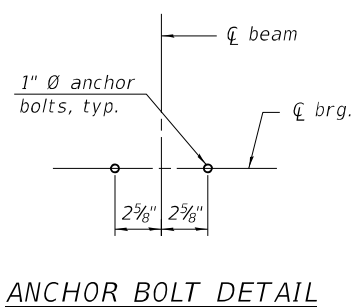
PLAN

BILL OF MATERIAL

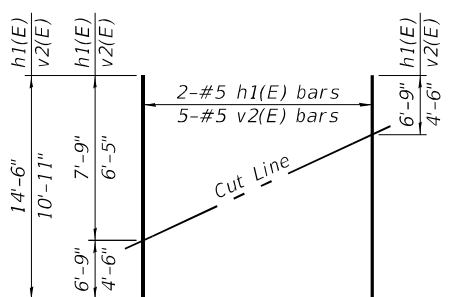
Bar	No.	Size	Length	Shape
h(E)	48	#5	8'-9"	—
h1(E)	4	#5	14'-6"	—
h2(E)	4	#5	6'-3"	—
p(E)	10	#7	38'-6"	—
s(E)	36	#6	15'-0"	□
s1(E)	12	#5	4'-4"	┌
sp(E)	6	#4	2'-0"	≡≡≡
u(E)	8	#6	11'-10"	□
v(E)	98	#8	5'-6"	—
v1(E)	8	#5	7'-0"	—
v2(E)	10	#5	10'-11"	—
Structure Excavation	Cu. Yd.		87	
Concrete Structures	Cu. Yd.		23.7	
Reinforcement Bars, Epoxy Coated	Pound		4,800	
Furnishing Steel Piles HP12 x 84	Foot		335	
Driving Piles	Foot		335	
Test Pile Steel HP12 X 84	Each		1	

PILE DATA

Type: HP12 x 84
 Nominal Required Bearing: 664 kips
 Factored Resistance Available: 365 kips
 Est. Length: 67 ft.
 No. Production Piles: 5
 No. Test Piles: 1

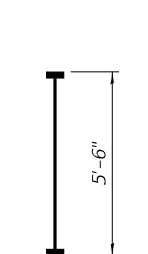


ANCHOR BOLT DETAIL

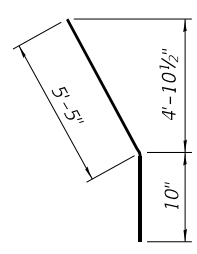


FIELD CUTTING DIAGRAM

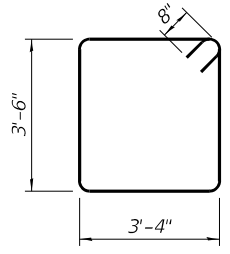
Order h1(E) and v2(E) full length. Cut as shown and use remainder of bars in opposite wing.



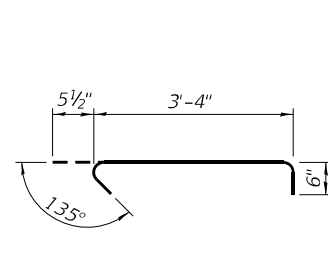
BAR v(E)
(Headed)



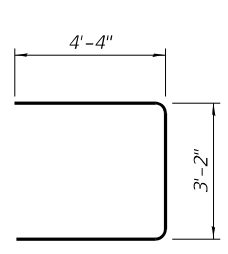
BAR h2(E)



BAR s(E)



BAR s1(E)



BAR u(E)

Notes:

1. Pour steps monolithically with cap.
2. Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.
3. For details of piles see sheet 22 of 27.

FILE NAME: C:\SP\WHKS & COIL 3 over Nine Mile Creek - Documents\9167402_IL 3 over Nine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn



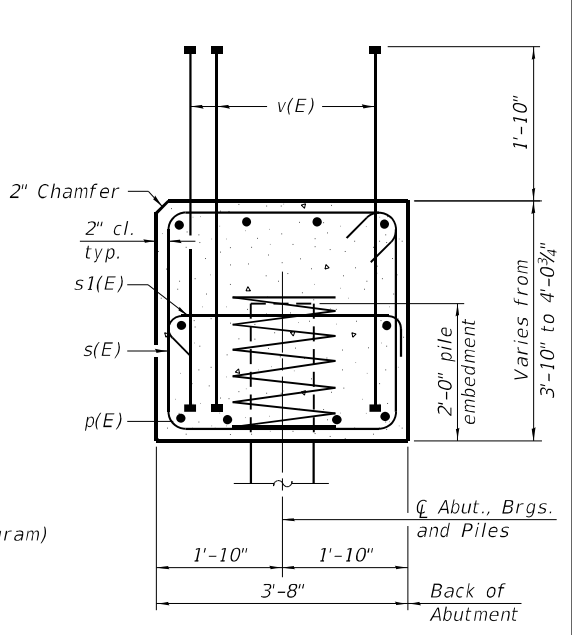
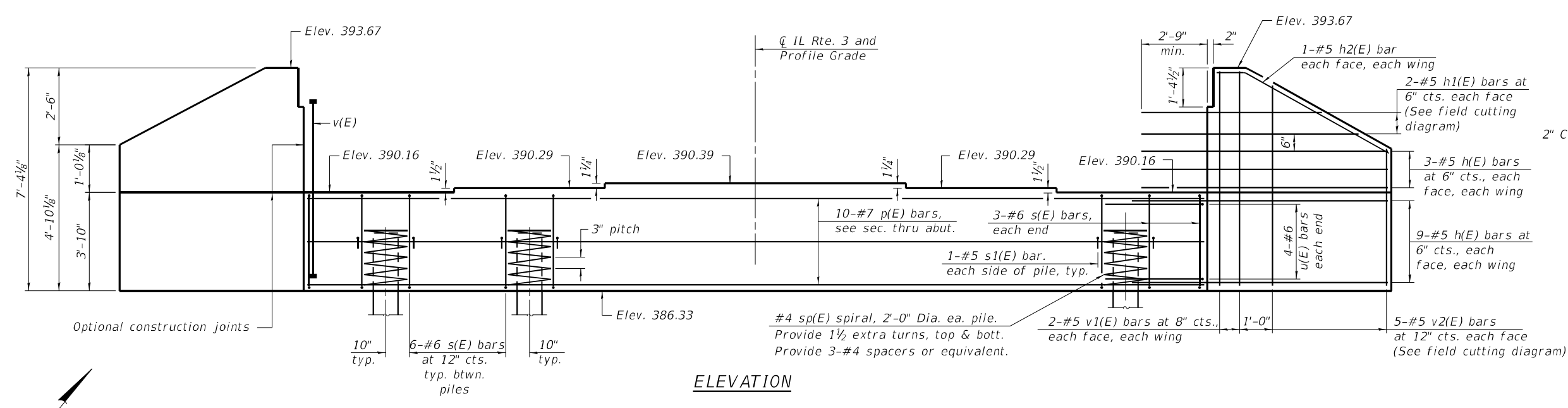
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	PLOT DATE = 8:06:21 AM	CHECKED - GEM/CEH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOUTH ABUTMENT
STRUCTURE NO. 079-0051**

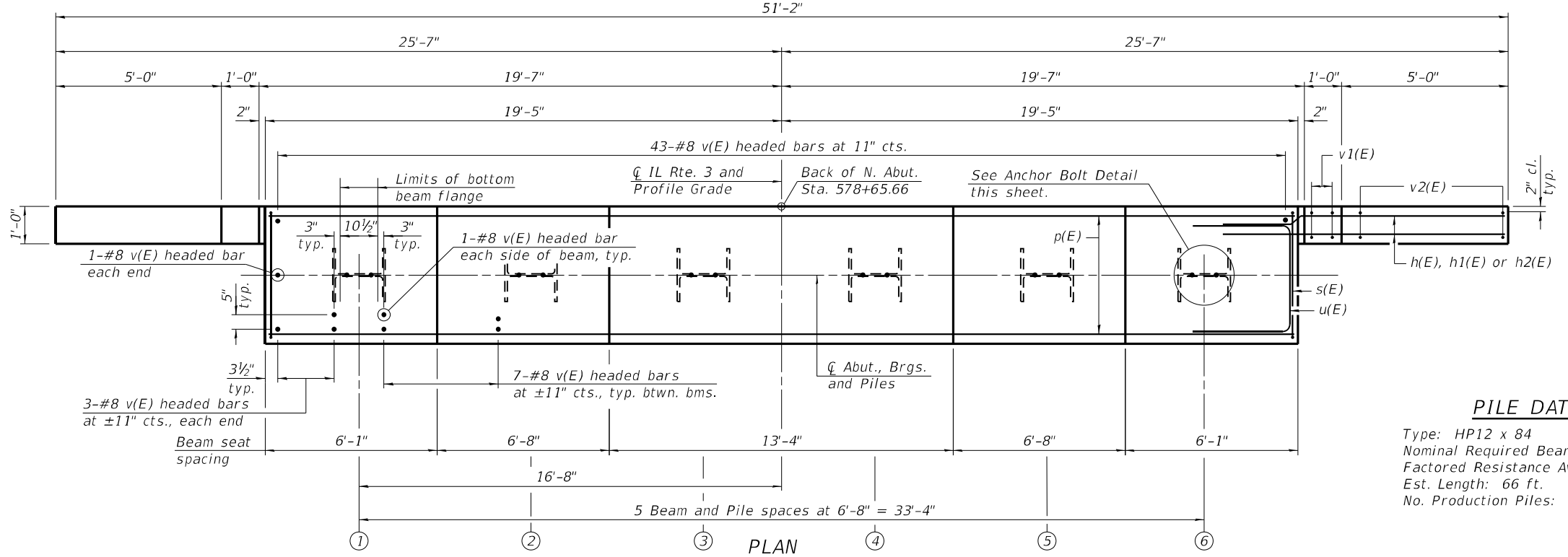
SHEET 18 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	132
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



ELEVATION

SEC. THRU ABUT.



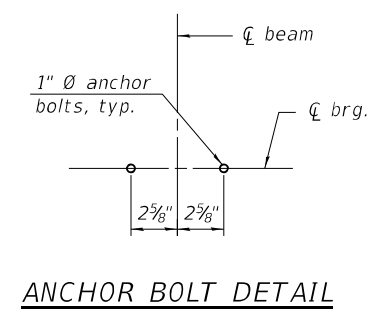
PLAN

BILL OF MATERIAL

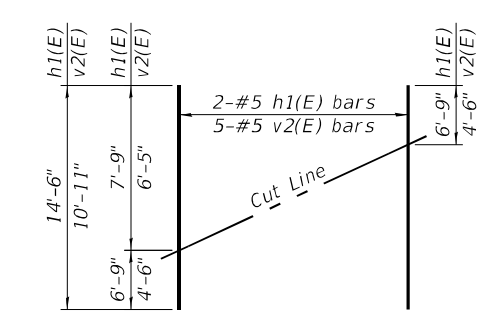
Bar	No.	Size	Length	Shape
h(E)	48	#5	8'-9"	—
h1(E)	4	#5	14'-6"	—
h2(E)	4	#5	6'-3"	—
p(E)	10	#7	38'-6"	—
s(E)	36	#6	15'-0"	□
s1(E)	12	#5	4'-4"	┌
sp(E)	6	#4	2'-0"	⊞
u(E)	8	#6	11'-10"	□
v(E)	98	#8	5'-6"	—
v1(E)	8	#5	7'-0"	—
v2(E)	10	#5	10'-11"	—
Structure Excavation		Cu. Yd.		87
Concrete Structures		Cu. Yd.		23.7
Reinforcement Bars, Epoxy Coated		Pound		4,800
Furnishing Steel Piles HP12 x 84		Foot		396
Driving Piles		Foot		396

PILE DATA

Type: HP12 x 84
 Nominal Required Bearing: 664 kips
 Factored Resistance Available: 302 kips
 Est. Length: 66 ft.
 No. Production Piles: 6

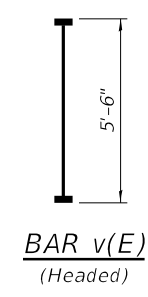


ANCHOR BOLT DETAIL

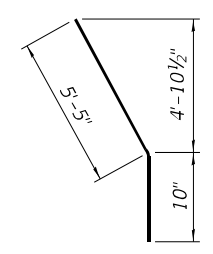


FIELD CUTTING DIAGRAM

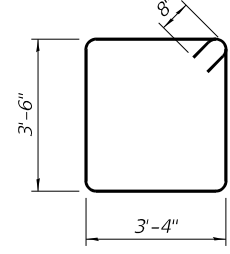
Order h1(E) and v2(E) full length. Cut as shown and use remainder of bars in opposite wing.



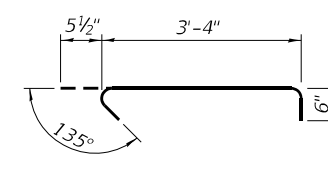
BAR v(E)
(Headed)



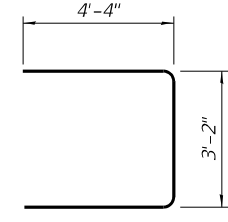
BAR h2(E)



BAR s(E)



BAR s1(E)



BAR u(E)

Notes:

- Pour steps monolithically with cap.
- Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.
- For details of piles see sheet 22 of 27.

FILE NAME: C:\SP\WHKS & COIL 3 over Mine Mile Creek - Documents\9167.02_IL 3 over Mine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn



USER NAME = dtheberling	DESIGNED - GEM	REVISED -
PLOT DATE = 3/11/2022	CHECKED - CEH	REVISED -
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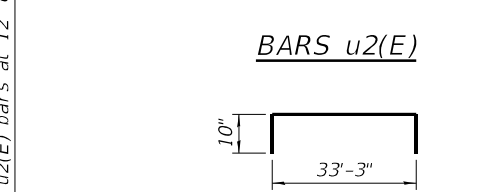
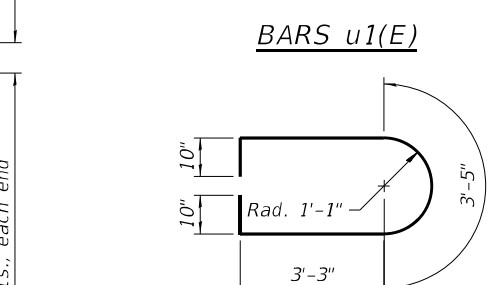
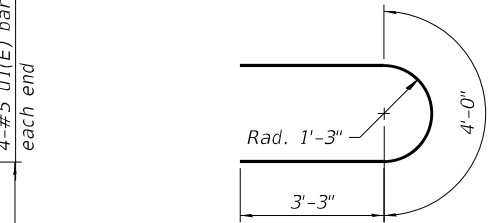
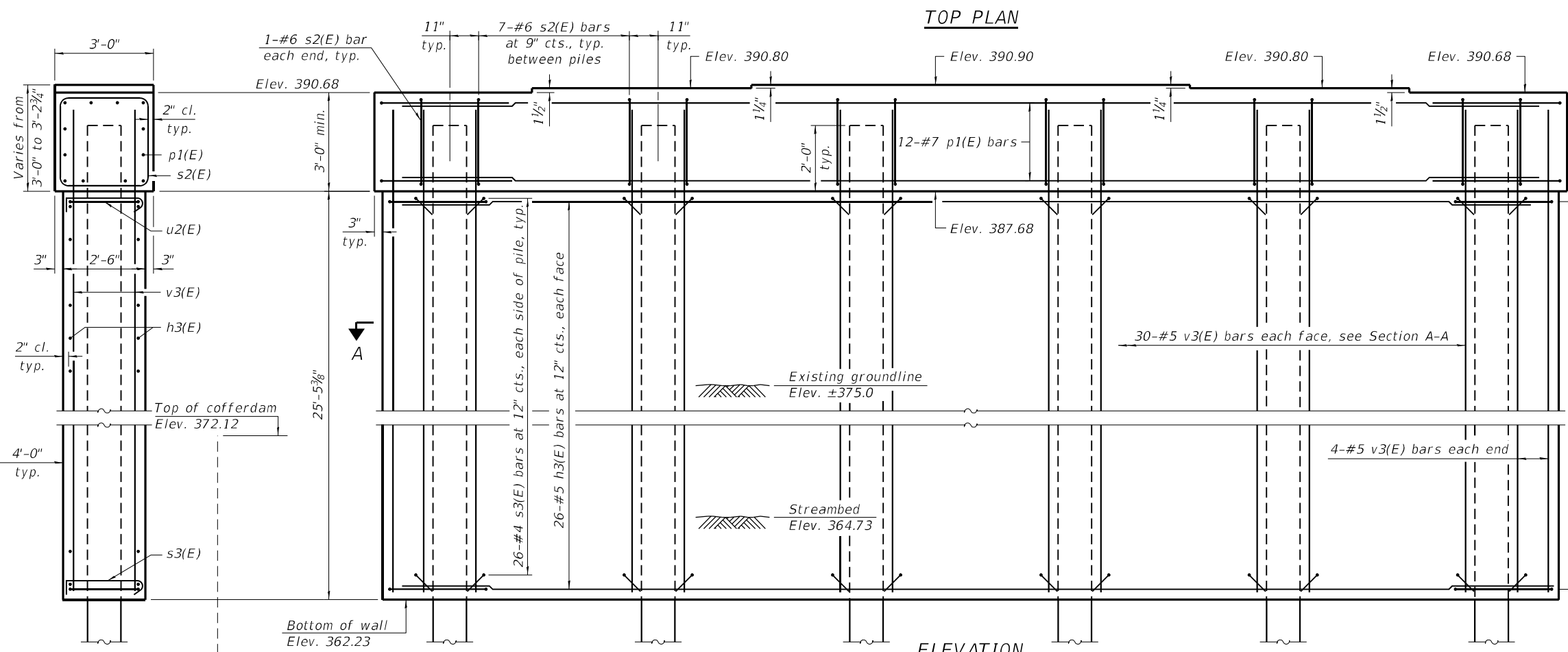
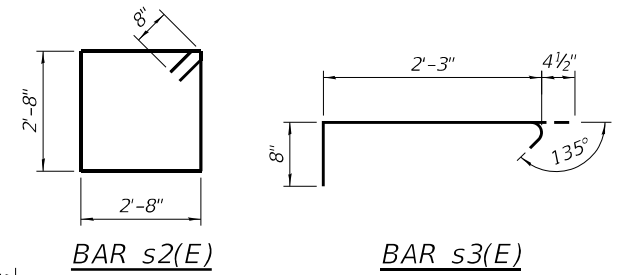
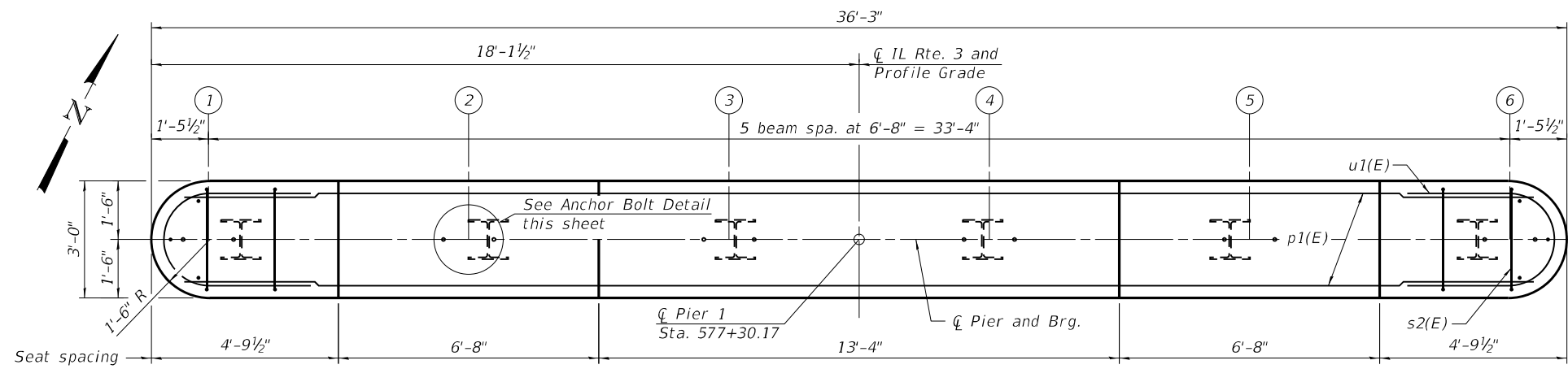
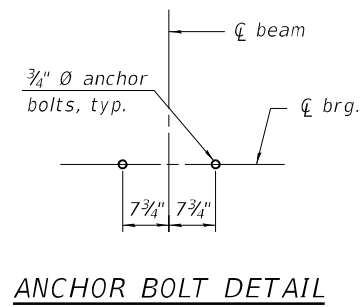
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH ABUTMENT
STRUCTURE NO. 079-0051**

SHEET 19 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	133
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

- Notes:
1. Space reinforcement in cap to miss anchor bolts.
 2. Pour steps monolithically with cap.
 3. For details of piles, see sheet 22 of 27.

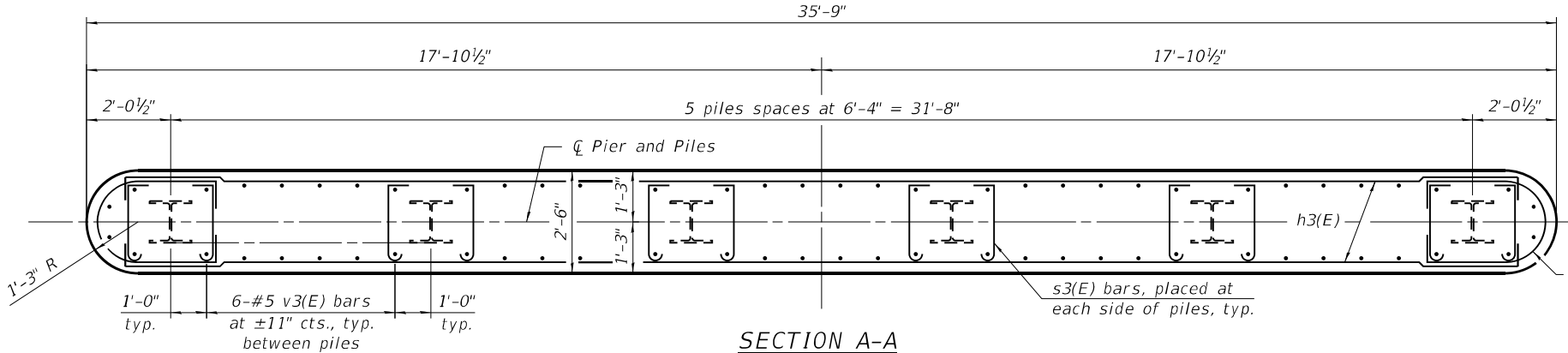


BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h3(E)	52	#5	34'-11"	□	
p1(E)	12	#7	33'-3"	—	
s2(E)	37	#6	12'-0"	□	
s3(E)	312	#4	3'-4"	U	
u1(E)	8	#5	10'-6"	U	
u2(E)	52	#5	11'-7"	U	
v3(E)	68	#5	28'-0"	—	
Cofferdam Excavation				Cu. Yd.	218
Cofferdam (Type 2) (Location - 1)				Each	1
Concrete Structures				Cu. Yd.	96.8
Reinforcement Bars, Epoxy Coated				Pound	6,770
Furnishing Steel Piles, HP12 x 84				Foot	384
Driving Piles				Foot	384

END VIEW

PILE DATA
 Type: HP12 x 84
 Nominal Required Bearing: 664 kips
 Factored Resistance Available: 365 kips
 Est. Length: 64'
 No. Production Piles: 6



SECTION A-A

FILE NAME: C:\SP\WHKS & COIL 3 over Nine Mile Creek - Documents\9167\02_IL 3 over Nine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn



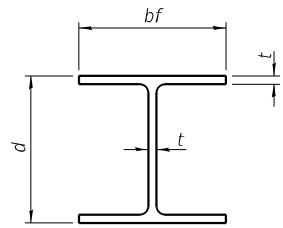
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PLOT DATE = 8:06:21 AM	DRAWN - DLH	REVISED -
	CHECKED - GEM/CEH	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PIER 1
 STRUCTURE NO. 079-0051**

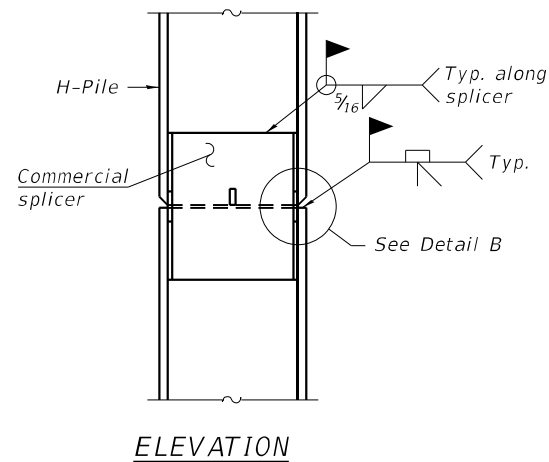
SHEET 20 OF 27 SHEETS

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 134
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

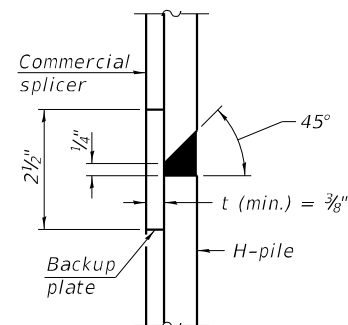


STEEL PILE TABLE

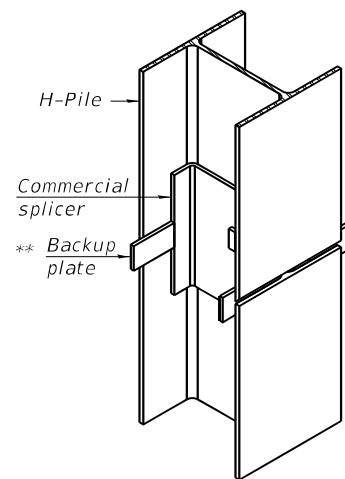
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 3/8"	14 3/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

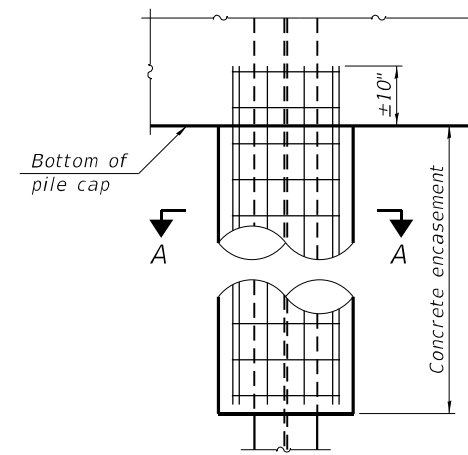


DETAIL "B"

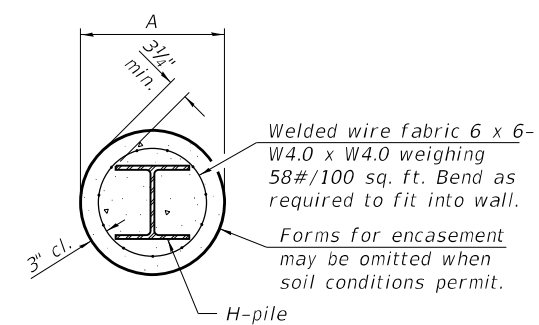


ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE

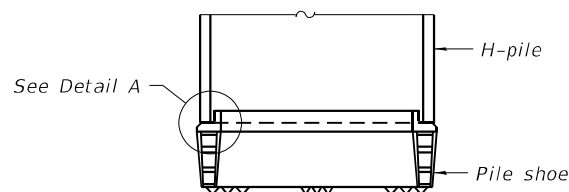


ELEVATION

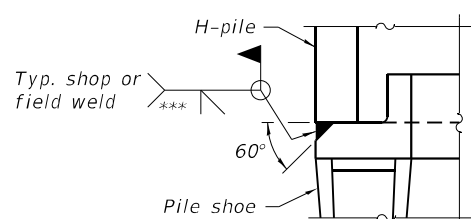


SECTION A-A

INDIVIDUAL PILE CONCRETE ENCASUREMENT (when specified)



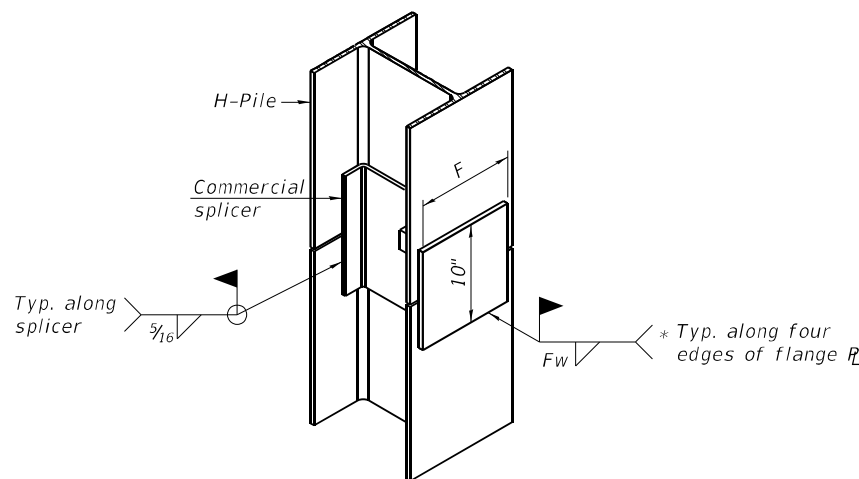
ELEVATION



DETAIL A

SHOE ATTACHMENT

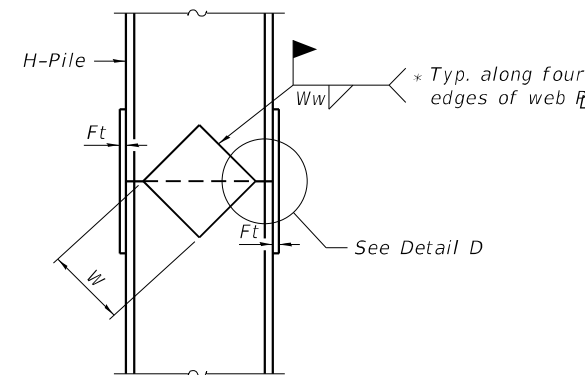
Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.



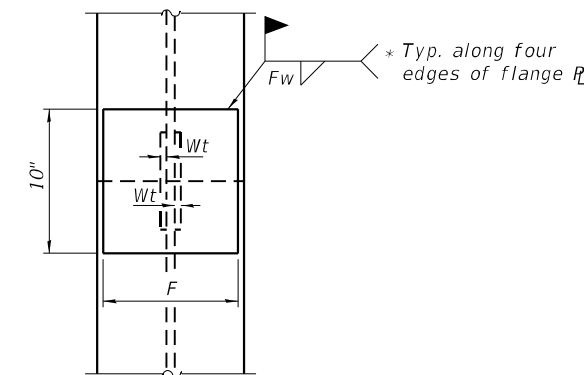
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

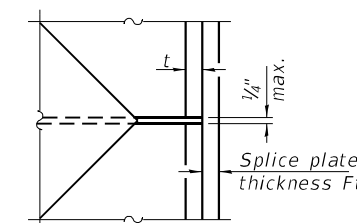
- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).



ELEVATION



END VIEW



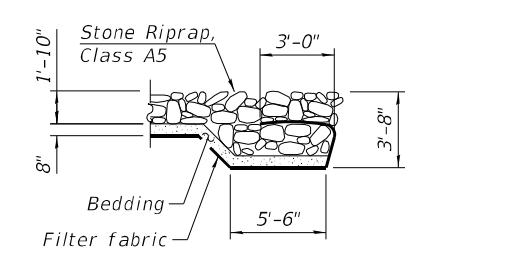
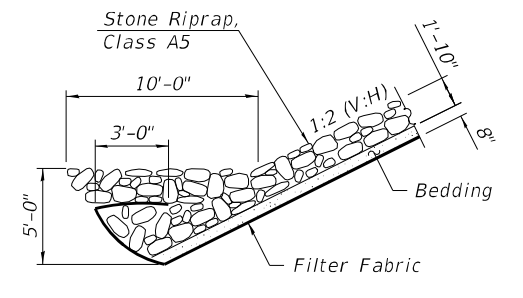
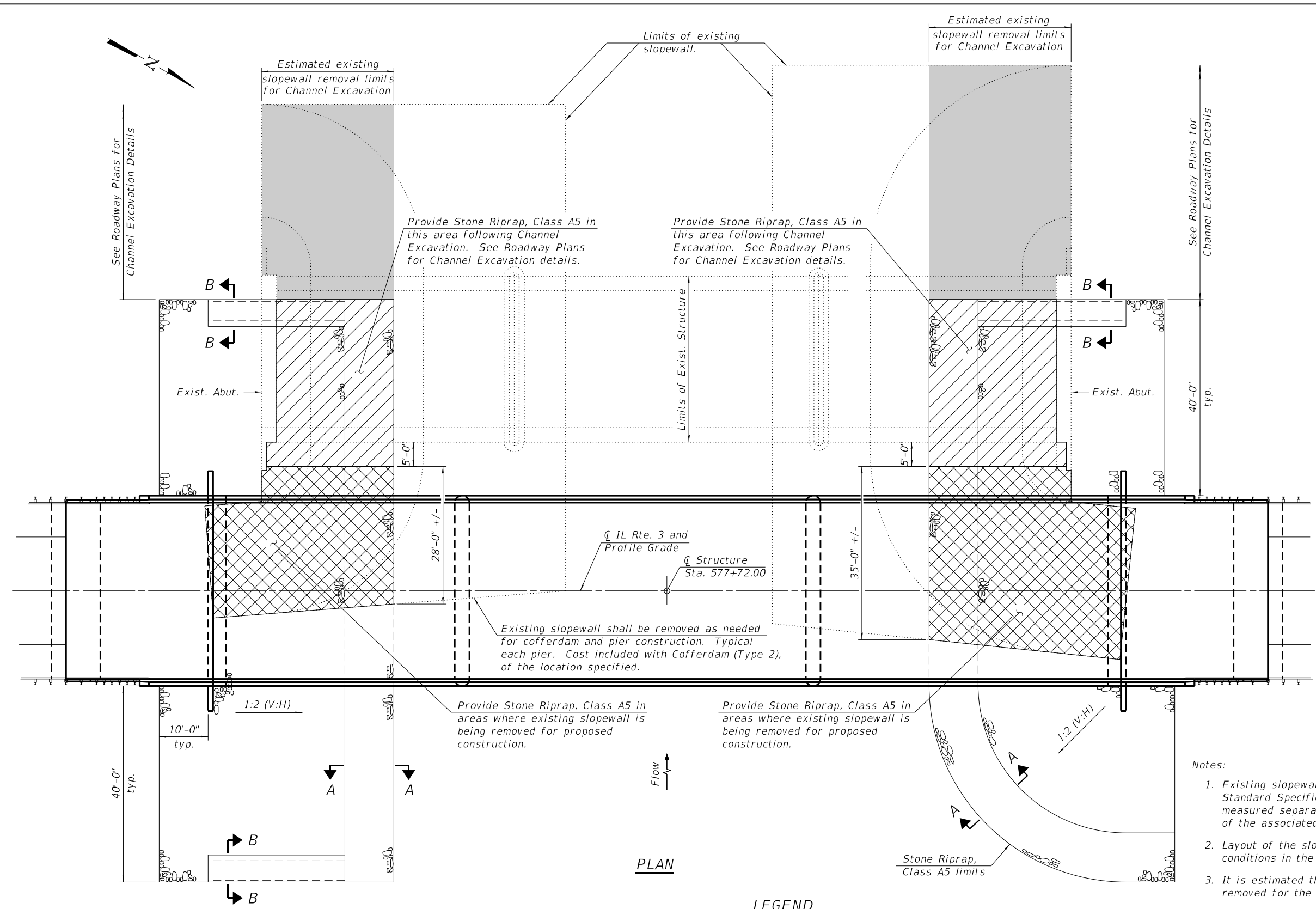
DETAIL D

WELDED PLATE FIELD SPLICE

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1 1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

FILE NAME: C:\SP\WHKS & COIL 3 over Mine Mile Creek - Bridge\CADD\CAD_Sheets\0790051-76K25.dgn

FILE NAME: C:\SP\WHKS & COIL 3 over Mine Mile Creek - Documents\91617.02_IL 3 over Mine Mile Creek Bridge\CADD\CAD_Sheets\0790051-76K25.dgn



Existing slopewall shall be removed as needed for cofferdam and pier construction. Typical each pier. Cost included with Cofferdam (Type 2), of the location specified.

Provide Stone Riprap, Class A5 in areas where existing slopewall is being removed for proposed construction.

Provide Stone Riprap, Class A5 in areas where existing slopewall is being removed for proposed construction.

Notes:

- Existing slopewall removal shall be according to Article 501 of the Standard Specifications. Existing slopewall removal will not be measured separately for payment but shall be included in the cost of the associated work.
- Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
- It is estimated that the existing abutments will need to be completely removed for the Grading Plan in the Roadway Plans.

PLAN

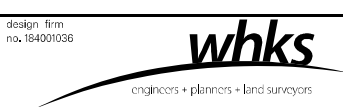
LEGEND

- Slopewall removal and Stone Riprap, Class A5 for Channel Excavation.
- Slopewall removal and Stone Riprap, Class A5 for proposed construction.
- * Estimated existing slopewall removal limits for Channel Excavation.

* Existing slopewall need only be removed to at least 1'-0" below the proposed ground surface.

BILL OF MATERIAL

Item	Unit	Total
Stone Riprap, Class A5	Sq. Yd.	1,353
Filter Fabric	Sq. Yd.	1,353



USER NAME = dtheberling	DESIGNED - GEM	REVISED -
PLOT DATE = 8/12/2022	CHECKED - CEH	REVISED -
PLOT DATE = 8:23:20 AM	DRAWN - DLH	REVISED -
	CHECKED - GEM/CEH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE PROTECTION PLAN
STRUCTURE NO. 079-0051

SHEET 23 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	137
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

ROUTE FAP 312 (L 3) DESCRIPTION IL 3 over Nine Mile Creek J034769.02- Pier 2 LOGGED BY KEG
 SECTION 74B-2 LOCATION 500335.588, 369035.073, SEC. 6, TWP. 6S, RNG. 7W, 3rd PM
 COUNTY RANDOLPH DRILLING METHOD Mud Rotary HAMMER TYPE Auto

STRUCT. NO.	STATION	DEPTH	DESCRIPTION	SOIL TYPE	WATER	TEMPERATURE	REMARKS
SN 079-0005	577+55.00	0.0	2" Asphalt				392.11
		0.5	5" Concrete Pavement				391.70
		0.5	Blind Drilling to 27.5'				
		27.5	Blind Drilling to 27.5' (continued)				
		365.28	Soft Gray Silty Clay- Wet				
		361.78					
		359.78	Gray Clay w/Sand & Gravel				
		356.78	No Recovery				
		354.28	Gray Silty Clay				
			Brown Clay				

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, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE FAP 312 (L 3) DESCRIPTION IL 3 over Nine Mile Creek J034769.02- Pier 2 LOGGED BY KEG
 SECTION 74B-2 LOCATION 500335.588, 369035.073, SEC. 6, TWP. 6S, RNG. 7W, 3rd PM
 COUNTY RANDOLPH DRILLING METHOD Mud Rotary HAMMER TYPE Auto

STRUCT. NO.	STATION	DEPTH	DESCRIPTION	SOIL TYPE	WATER	TEMPERATURE	REMARKS
SN 079-0005	577+55.00	0.0	Surface Water Elev.				363.50
		0.0	Stream Bed Elev.				
		0.0	Groundwater Elev.:				
		0.0	First Encounter				
		0.0	Upon Completion				
		0.0	After				
		331.78	Brown Clay (continued)				
		325.78	Becomes Stiff				
		321.78	Gray Clay Loam Till w/ Limestone Fragments				
		320.28	Poor Recovery				
		317.78	No Recovery				
		312.28	Gray Clay				
		310.28	At 52 ft- 2 in Sand Seam- Coarse, Gray				
		305.28	See Classification at 53.5 ft				
		300.28					
		295.28					
		290.28					
		285.28					
		280.28					
		275.28					
		270.28					
		265.28					
		260.28					
		255.28					
		250.28					
		245.28					
		240.28					
		235.28					
		230.28					
		225.28					
		220.28					
		215.28					
		210.28					
		205.28					
		200.28					
		195.28					
		190.28					
		185.28					
		180.28					
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		20.28					
		15.28					
		10.28					
		5.28					
		0.28					

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, form 137 (Rev. 8-99)



ROCK CORE LOG

ROUTE FAP 312 (L 3) DESCRIPTION IL 3 over Nine Mile Creek J034769.02- Pier 2 LOGGED BY KEG
 SECTION 74B-2 LOCATION 500335.588, 369035.073, SEC. 6, TWP. 6S, RNG. 7W, 3rd PM
 COUNTY RANDOLPH CORING METHOD Mud Rotary

STRUCT. NO.	STATION	DEPTH	DESCRIPTION	SOIL TYPE	WATER	TEMPERATURE	REMARKS
SN 079-0005	577+55.00	0.0	Surface Water Elev.				363.50
		0.0	Stream Bed Elev.				
		0.0	Groundwater Elev.:				
		0.0	First Encounter				
		0.0	Upon Completion				
		0.0	After				
		316.78	2 in Gray Clay				
		311.78	Hard Gray Limestone- Moderately Weathered				
		307.78	At 75 ft -3 in Clayey Shale Seam				
		305.28	Gray Shale- Soft				
		300.28	Becomes Moderately Soft				
		295.28					
		290.28					
		285.28					
		280.28					
		275.28					
		270.28					
		265.28					
		260.28					
		255.28					
		250.28					
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		25.28					
		20.28					
		15.28					
		10.28					
		5.28					
		0.28					

Color pictures of the cores Yes
 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)

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USER NAME = dtheberling	DESIGNED - GEM	REVISED -
PLOT DATE = 3/11/2022	CHECKED - CEH	REVISED -
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	CHECKED - GEM/CEH	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

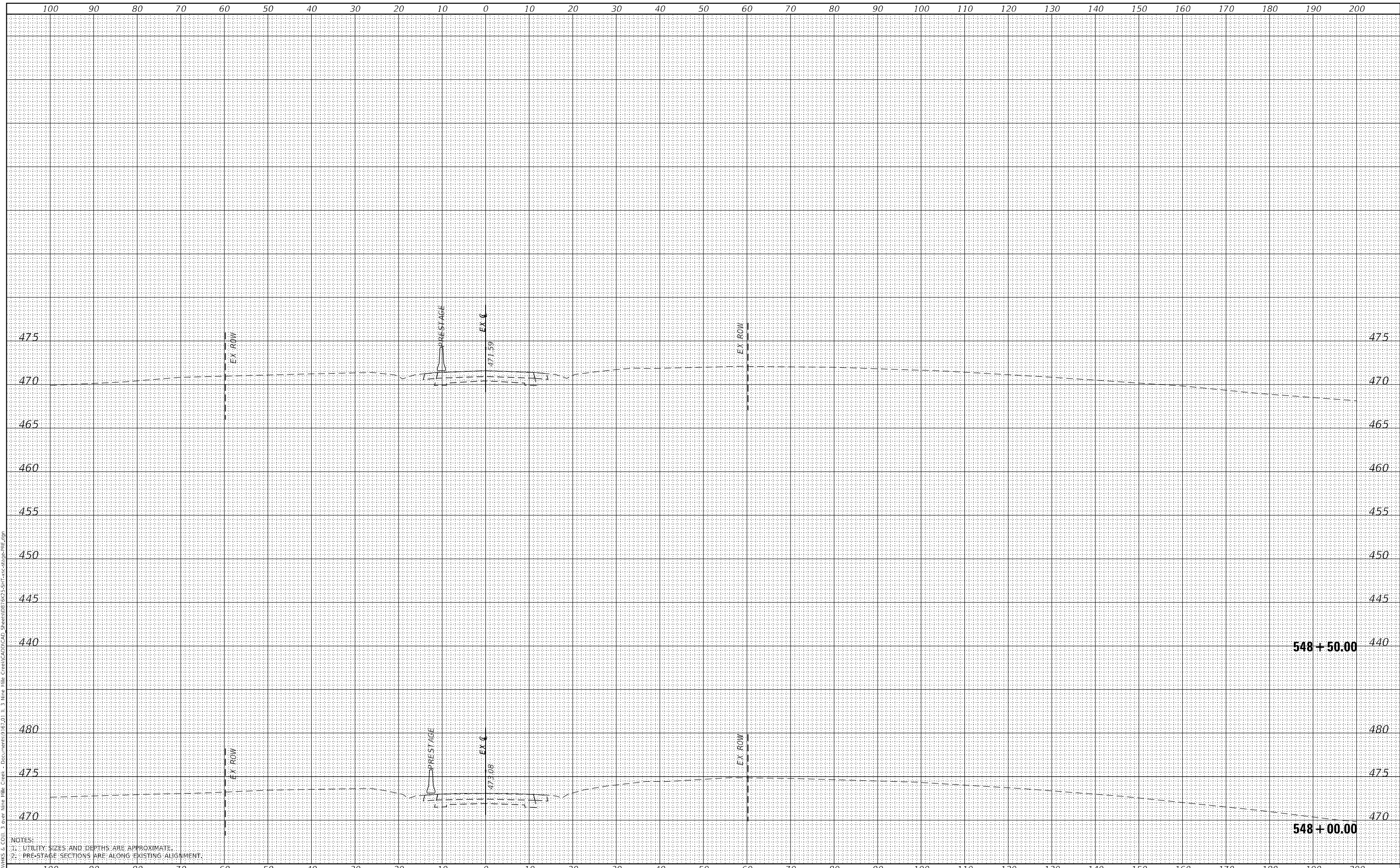
BORING LOGS
 STRUCTURE NO. 079-0051
 SHEET 26 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74B-2	RANDOLPH	293	140
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.

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

USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

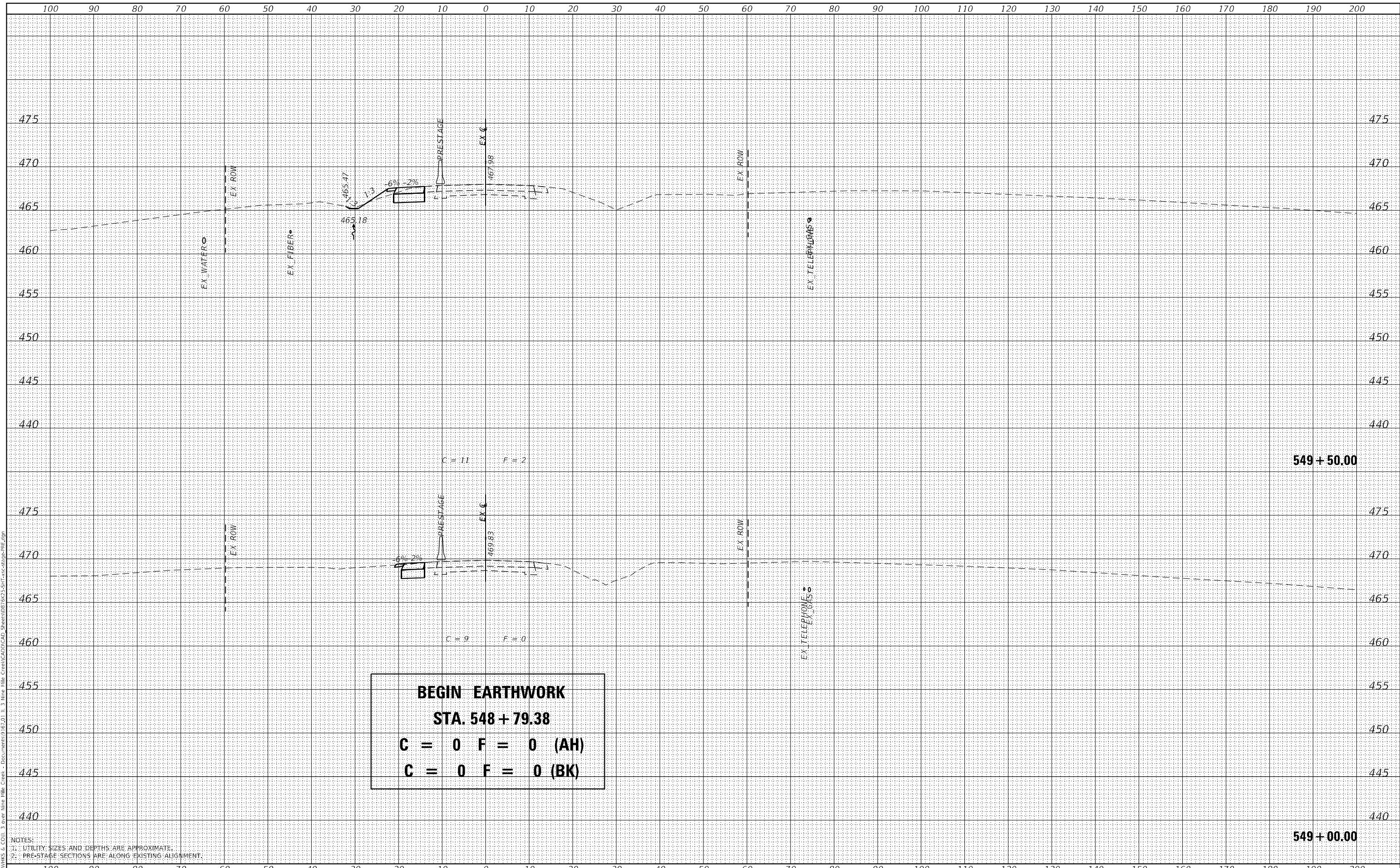
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 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 1 OF 32 SHEETS
 STA. 548+00.00 TO STA. 548+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	142
				CONTRACT NO.76K25
				ILLINOIS FED. AID PROJECT

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

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.

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USER NAME	= ljones
DESIGNED	- LNJ
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REVISED	-
REVISED	-
REVISED	-

REVISIONS	
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REVISED	-
REVISED	-

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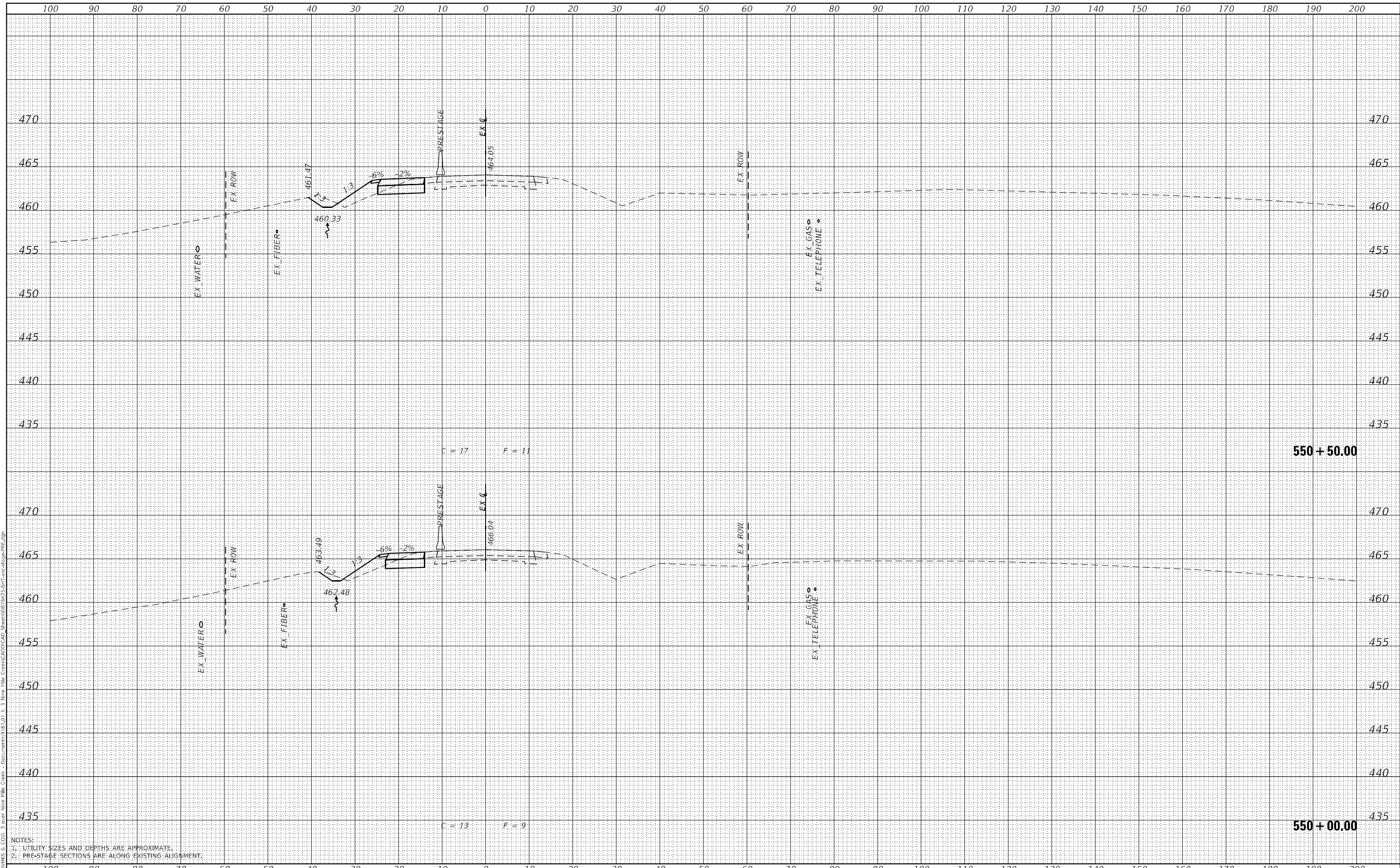
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IL 3 /FAP 312 OVER NINE MILE CREEK
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 STA. 549+00.00 TO STA. 549+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	143
				CONTRACT NO. 76K25
ILLINOIS FED. AID PROJECT				

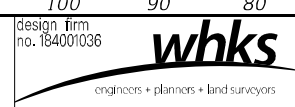
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BY	
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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BY	
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
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CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
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REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

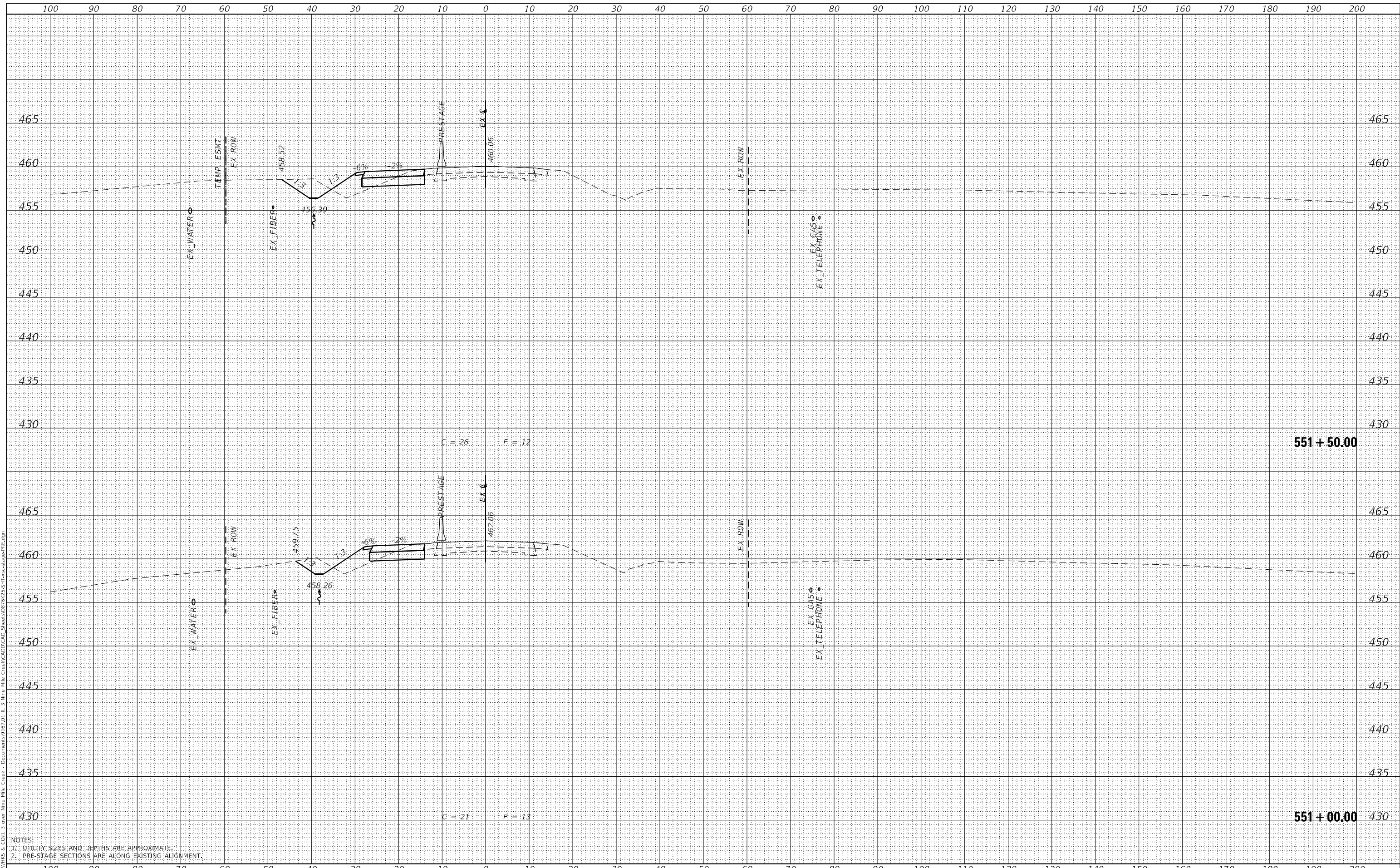
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IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 3 OF 32 SHEETS
 STA. 550+00.00 TO STA. 550+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	144
				CONTRACT NO. 76K25
				ILLINOIS FED. AID PROJECT

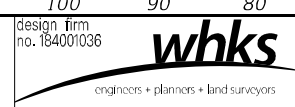
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NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



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	DRAWN - LNJ	REVISED -
PLOT SCALE = 240,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

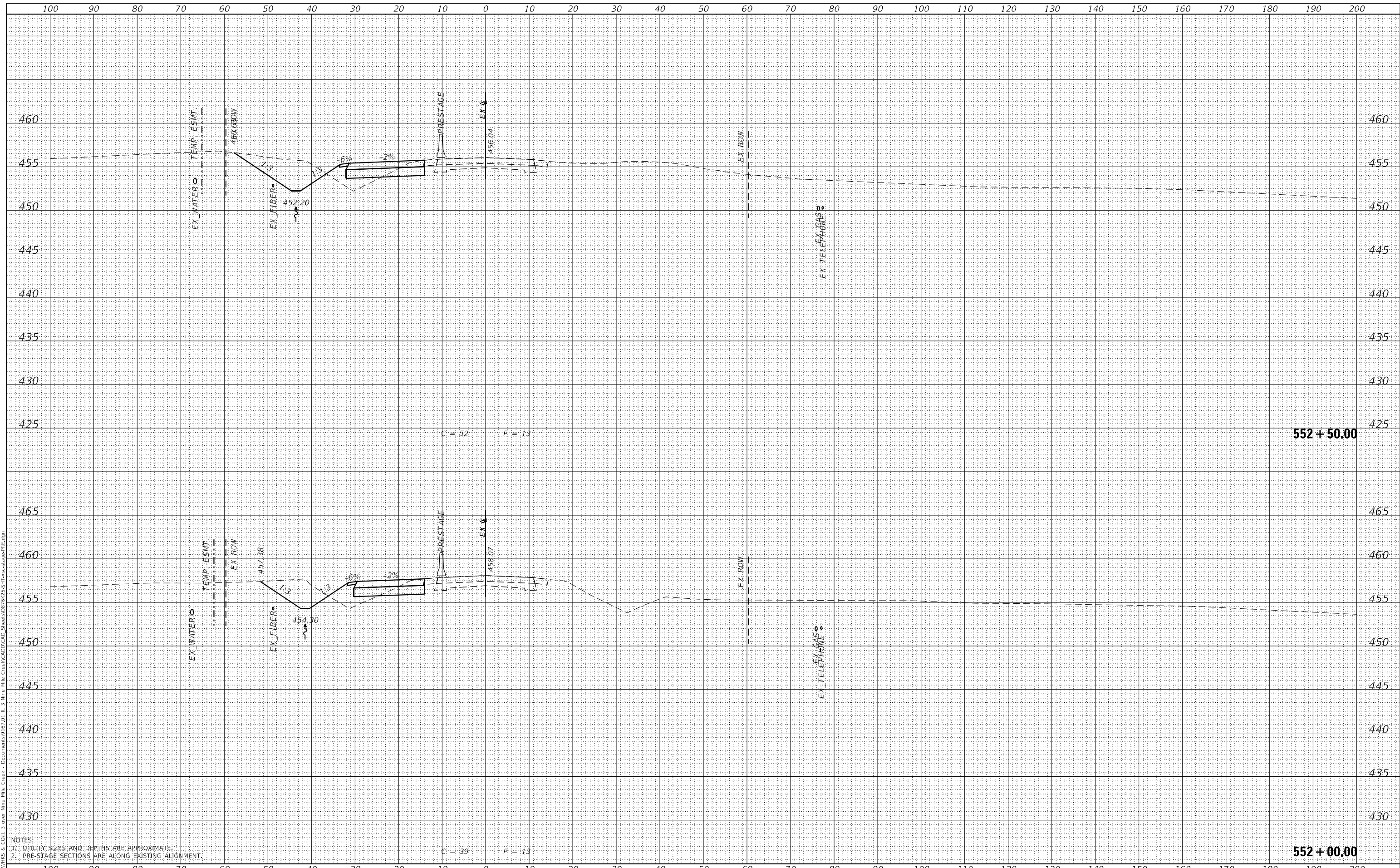
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 4 OF 32 SHEETS
 STA. 551+00.00 TO STA. 551+50.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 145
			CONTRACT NO. 76K25	
ILLINOIS			FED. AID PROJECT	

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

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

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.

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USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

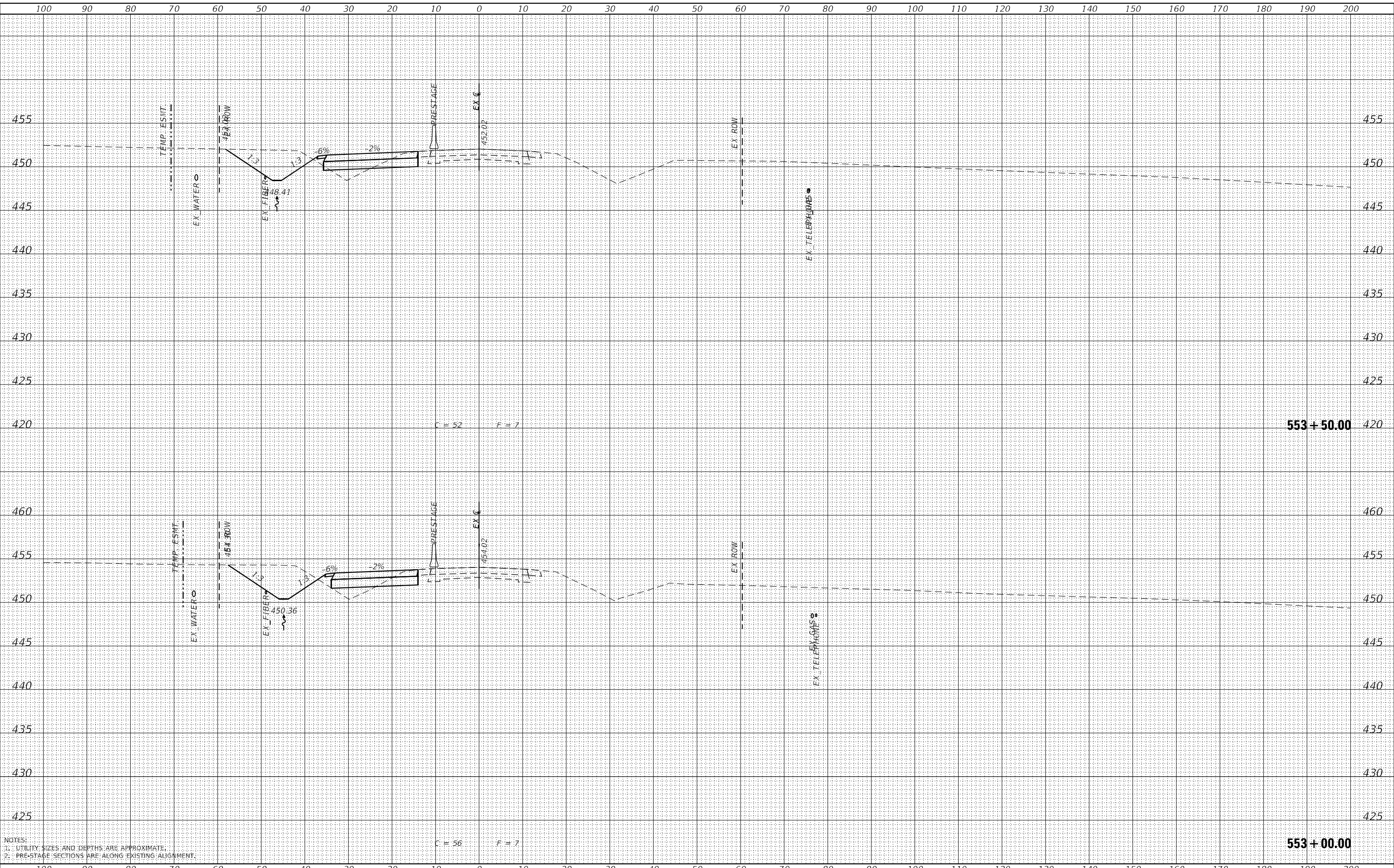
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 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 5 OF 32 SHEETS
 STA. 552+00.00 TO STA. 552+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	146
				CONTRACT NO. 76K25
				ILLINOIS FED. AID PROJECT

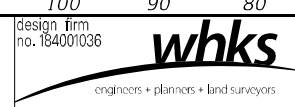
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BY	
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NOTE BOOK	PLOTTED
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME	= jones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
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REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

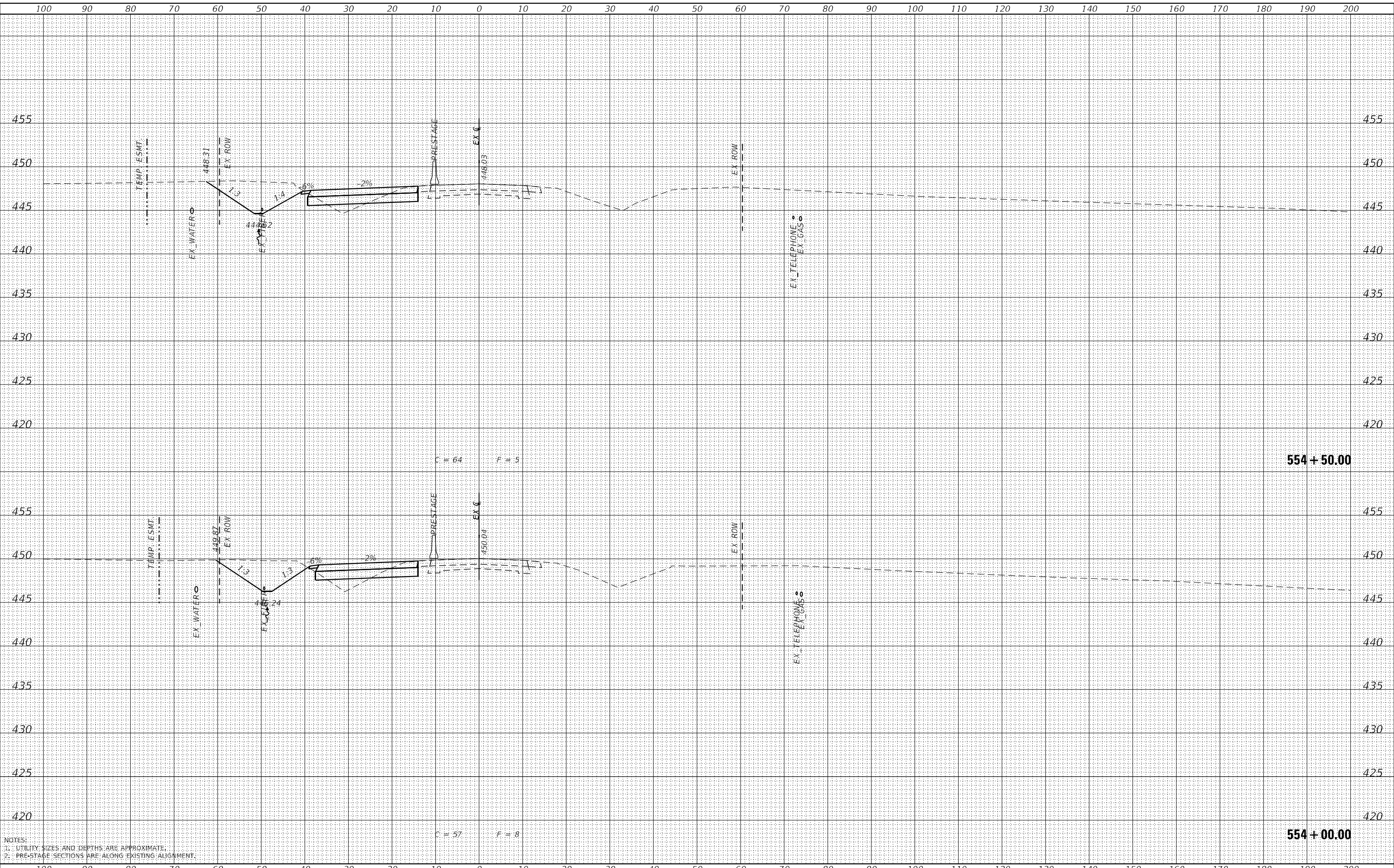
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 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 6 OF 32 SHEETS
 STA. 553+00.00 TO STA. 553+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	147
				CONTRACT NO. 76K25
				ILLINOIS FED. AID PROJECT

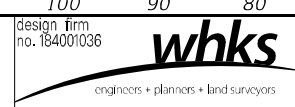
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
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REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

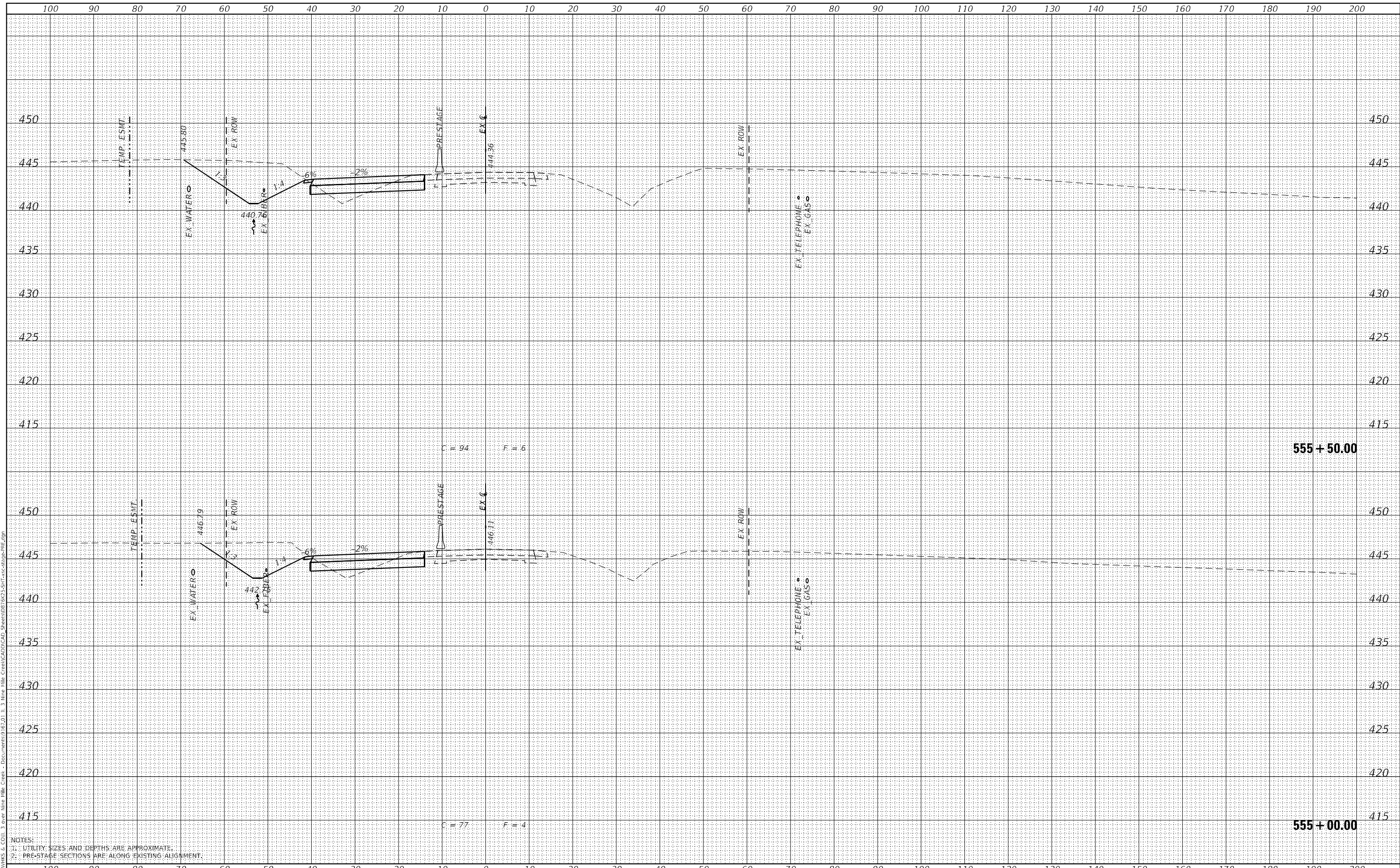
**CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 7 OF 32 SHEETS
 STA. 554+00.00 TO STA. 554+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	148
				CONTRACT NO. 76K25
				ILLINOIS FED. AID PROJECT

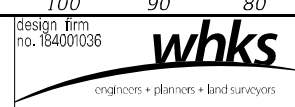
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BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
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REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

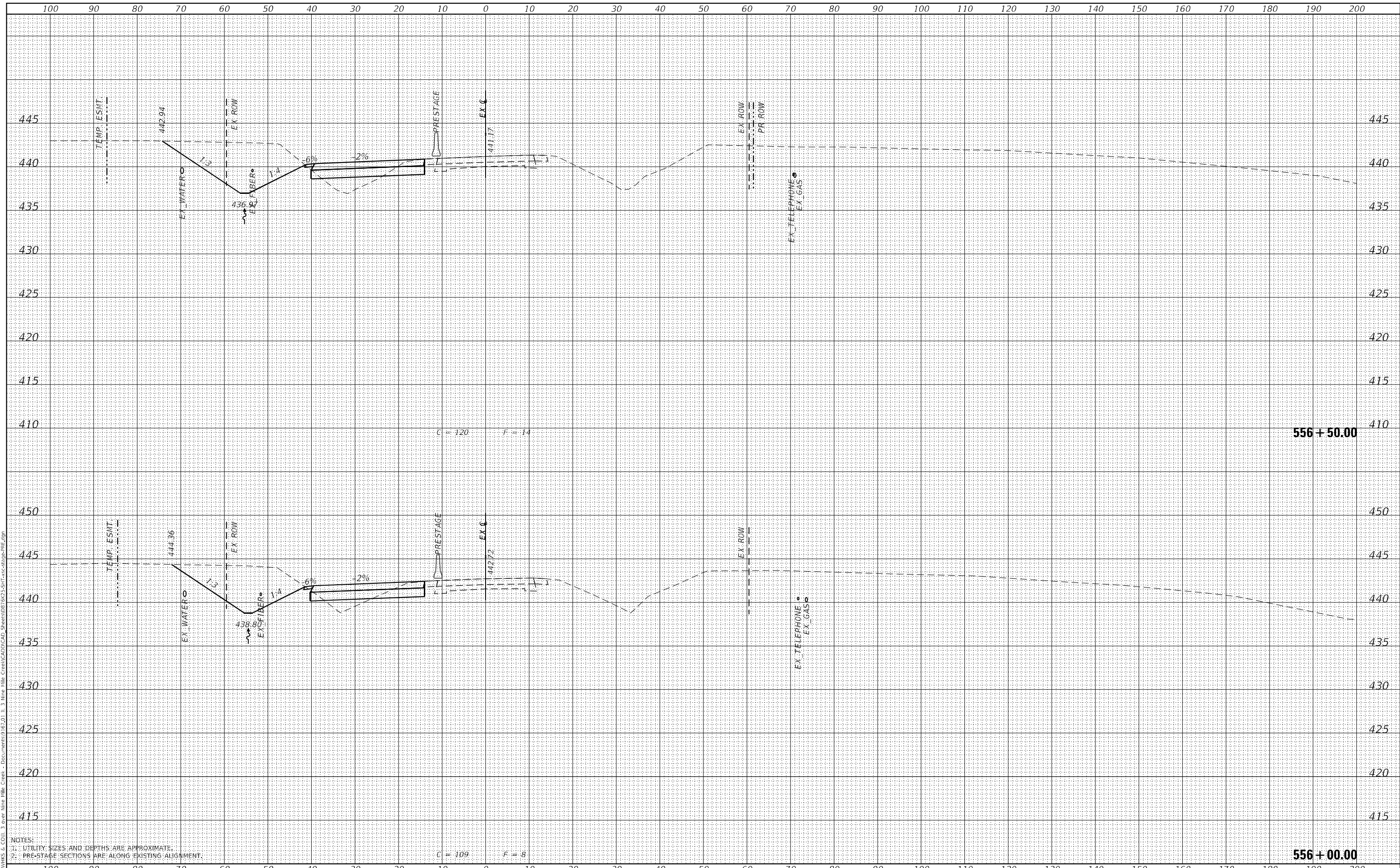
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 8 OF 32 SHEETS
 STA. 555+00.00 TO STA. 555+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	149
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K25	

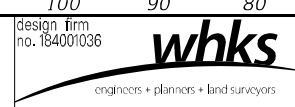
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NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	

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

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME = ljones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 240,000' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

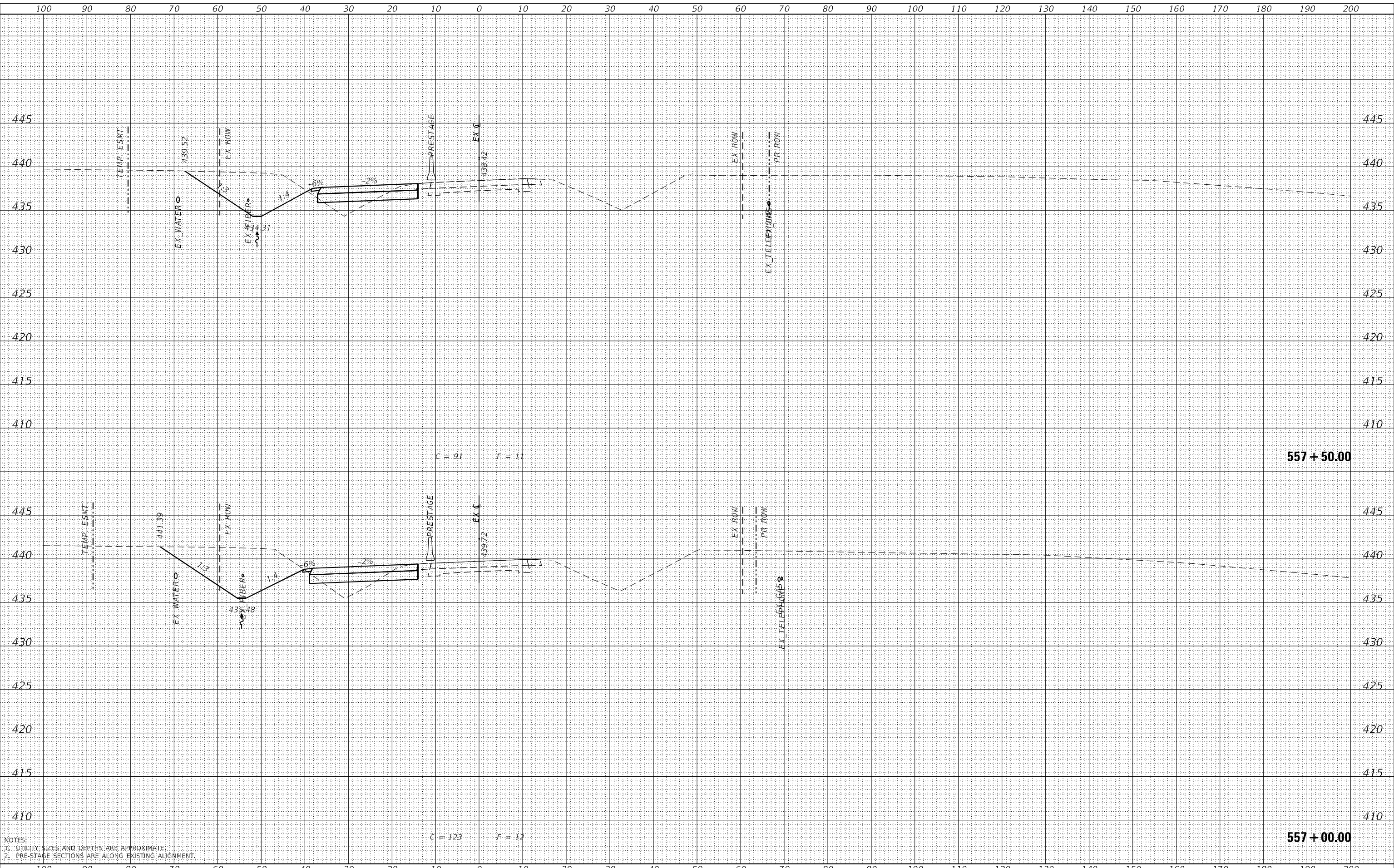
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 9 OF 32 SHEETS
 STA. 556+00.00 TO STA. 556+50.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 150
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

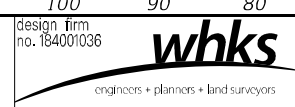
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NO.	TEMPLATE	
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	AREAS CHECKED	

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

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022
REVISIONS	
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

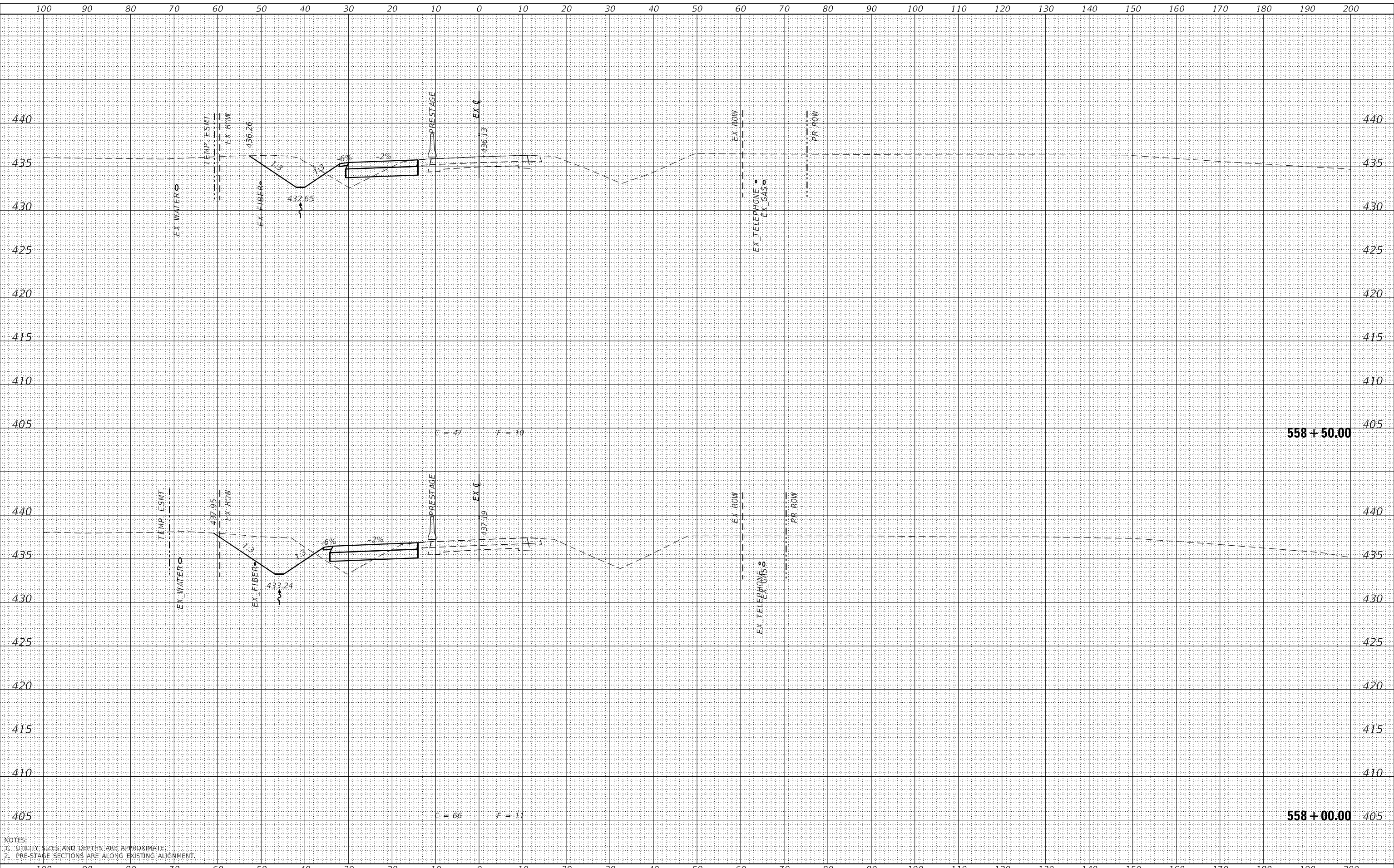
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 10 OF 32 SHEETS
 STA. 557+00.00 TO STA. 557+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	151
				CONTRACT NO.76K25
				ILLINOIS FED. AID PROJECT

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.

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

USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

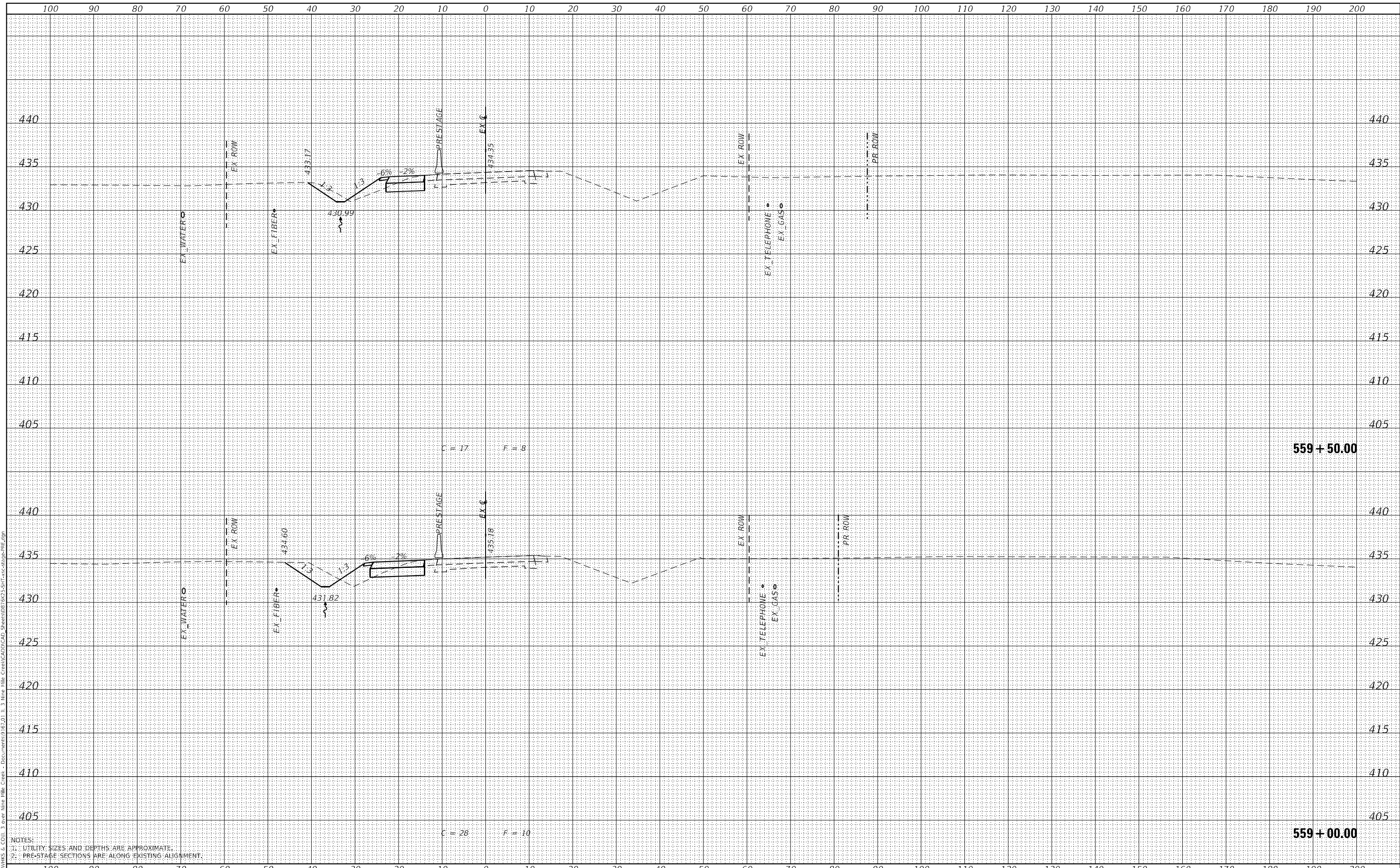
**CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 11 OF 32 SHEETS
 STA. 558+00.00 TO STA. 558+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	152
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K25	

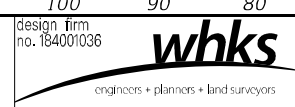
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NOTE BOOK	
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

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REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

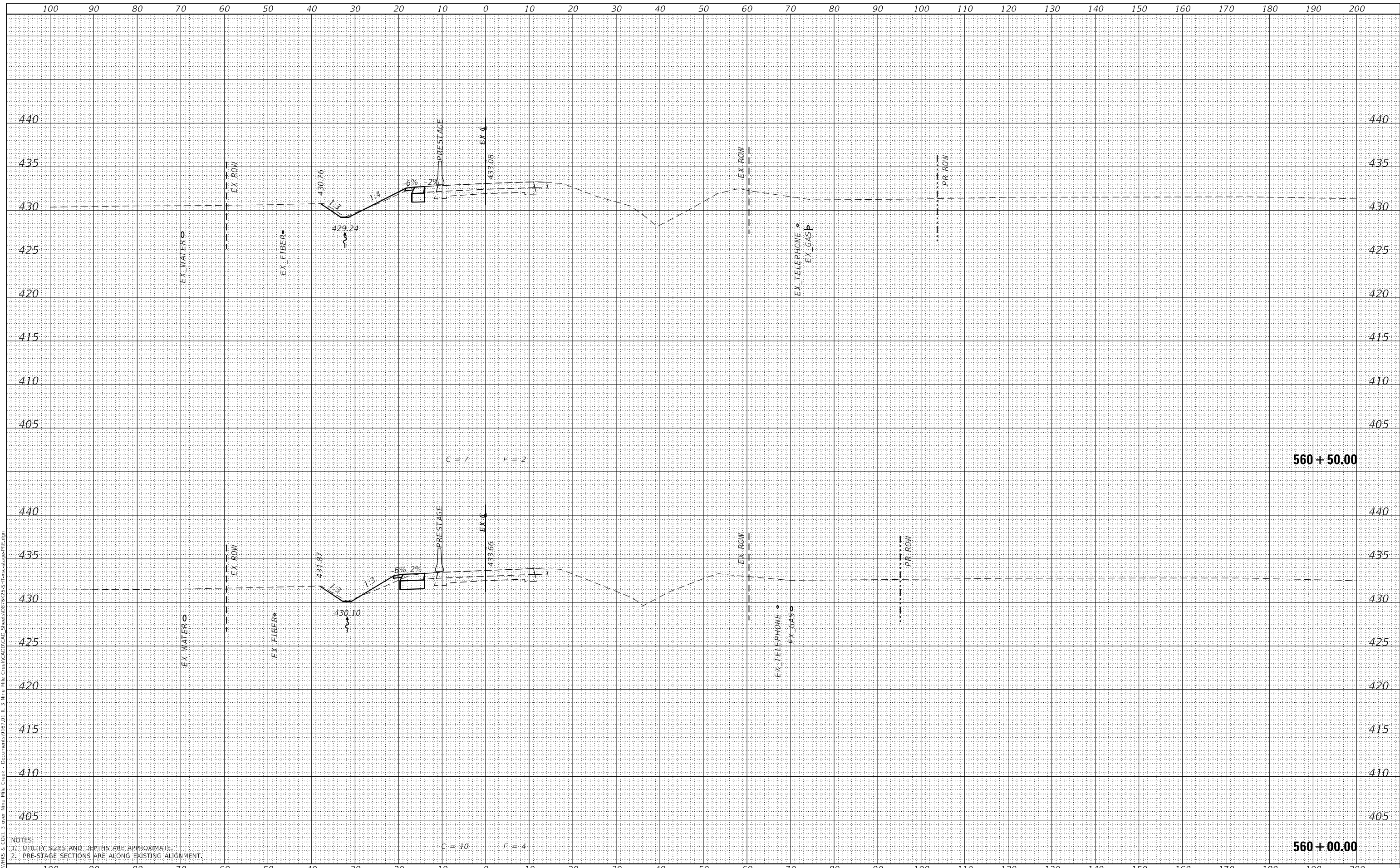
**CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 12 OF 32 SHEETS
 STA. 559+00.00 TO STA. 559+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	153
				CONTRACT NO. 76K25
				ILLINOIS FED. AID PROJECT

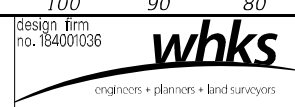
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

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REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

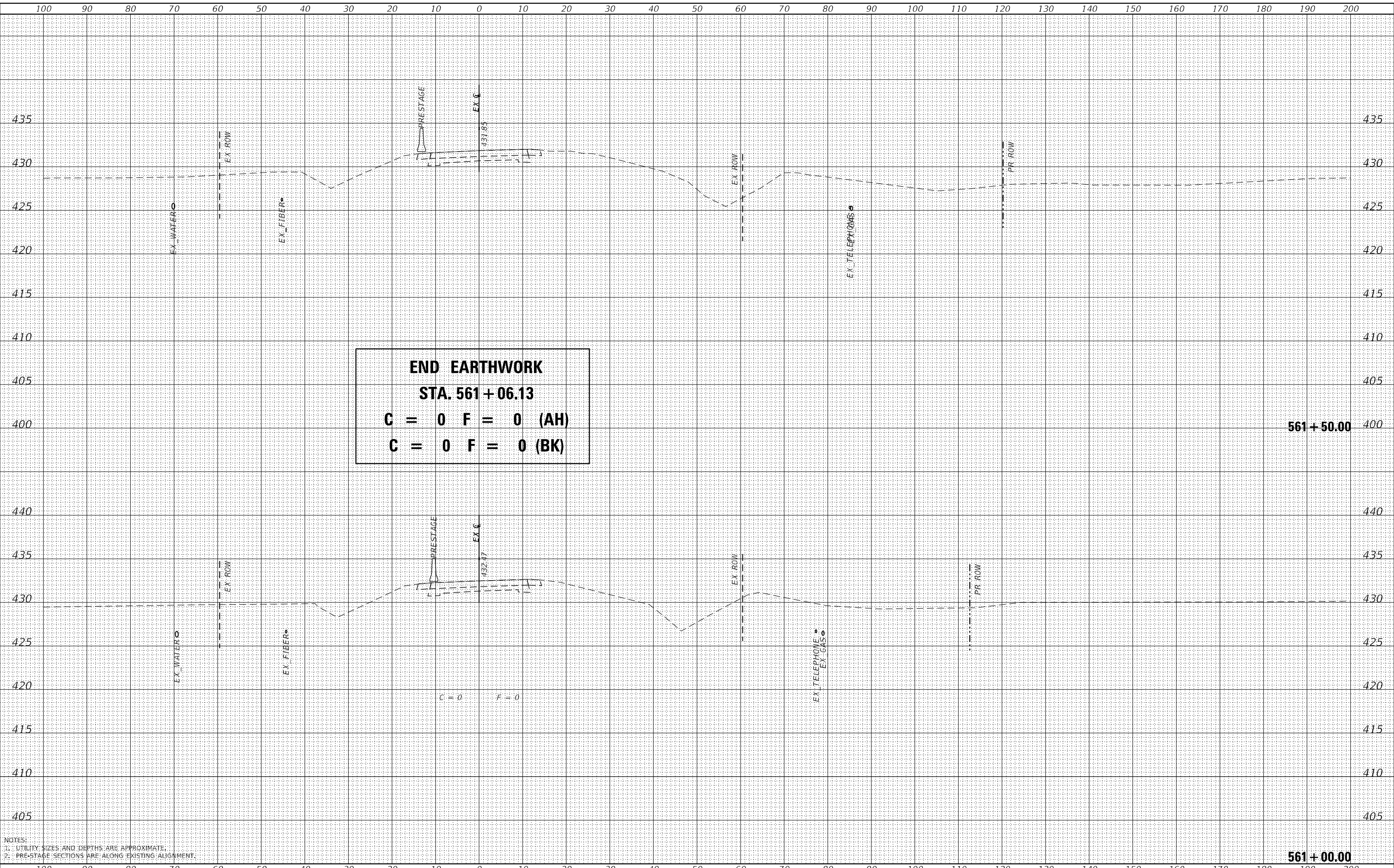
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 13 OF 32 SHEETS
 STA. 560+00.00 TO STA. 560+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	154
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
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	AREAS CHECKED	

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT

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

USER NAME = ljones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 240,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

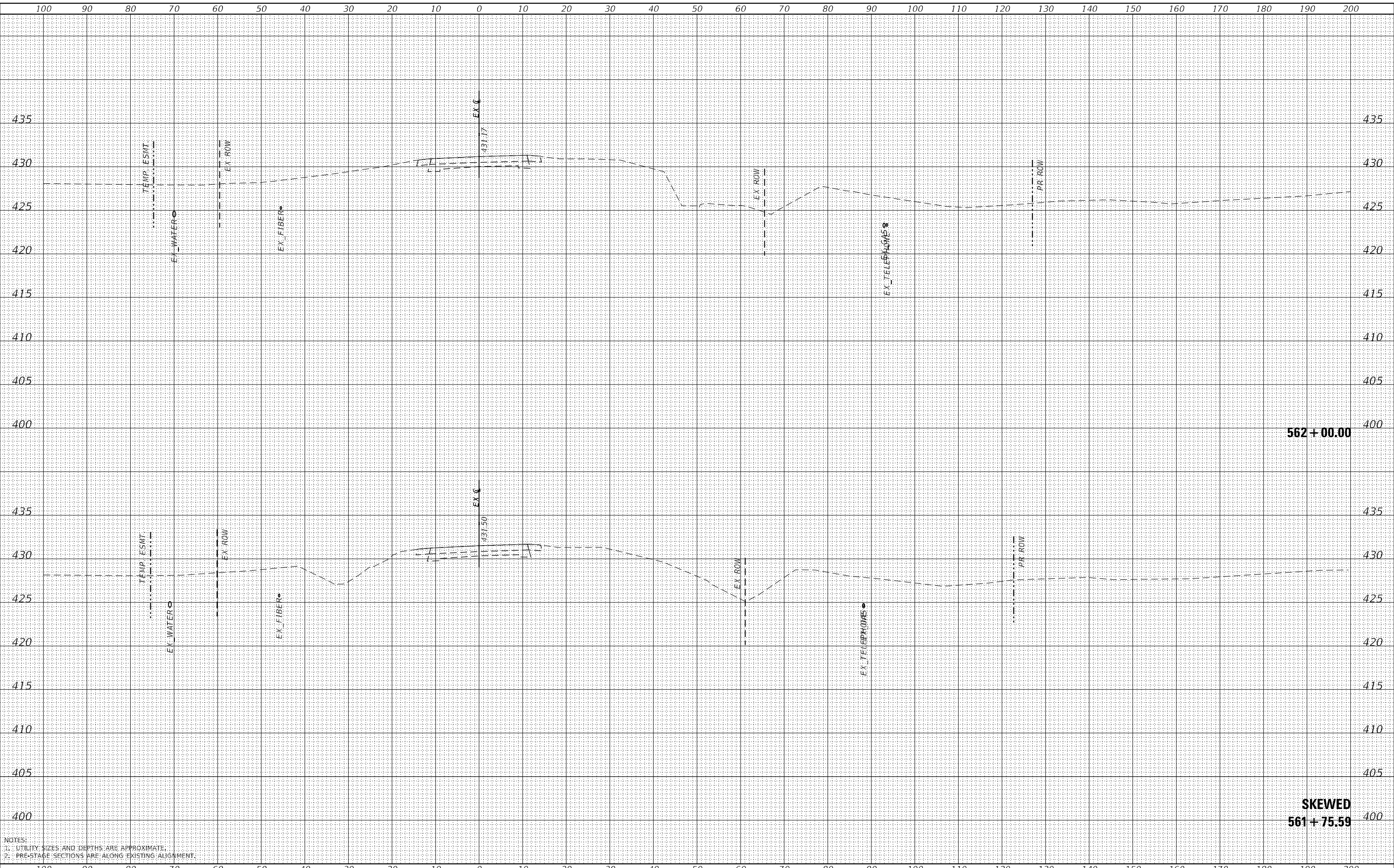
CROSS SECTIONS - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 14 OF 32 SHEETS
 STA. 561+00.00 TO STA. 561+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	155
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

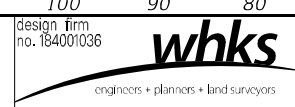
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
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 USER NAME = ljones



NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT



DESIGNED -	LNJ	REVISED -	
DRAWN -	LNJ	REVISED -	
CHECKED -	RKA	REVISED -	
DATE -	3/14/2022	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

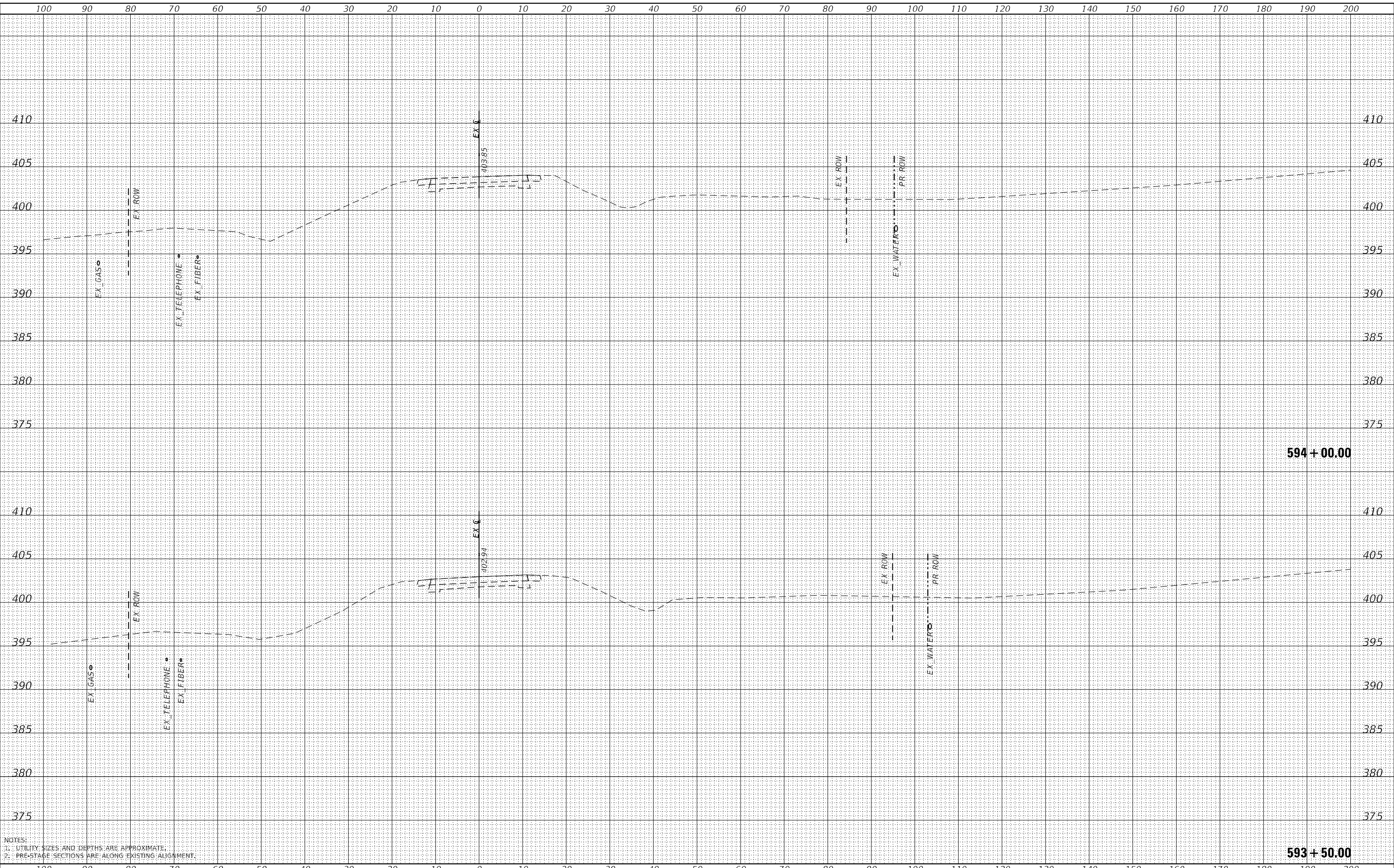
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 15 OF 32 SHEETS
 STA. 561+75.59 TO STA. 562+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	156
				CONTRACT NO.76K25
				ILLINOIS FED. AID PROJECT

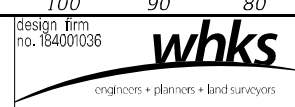
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME = ljones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

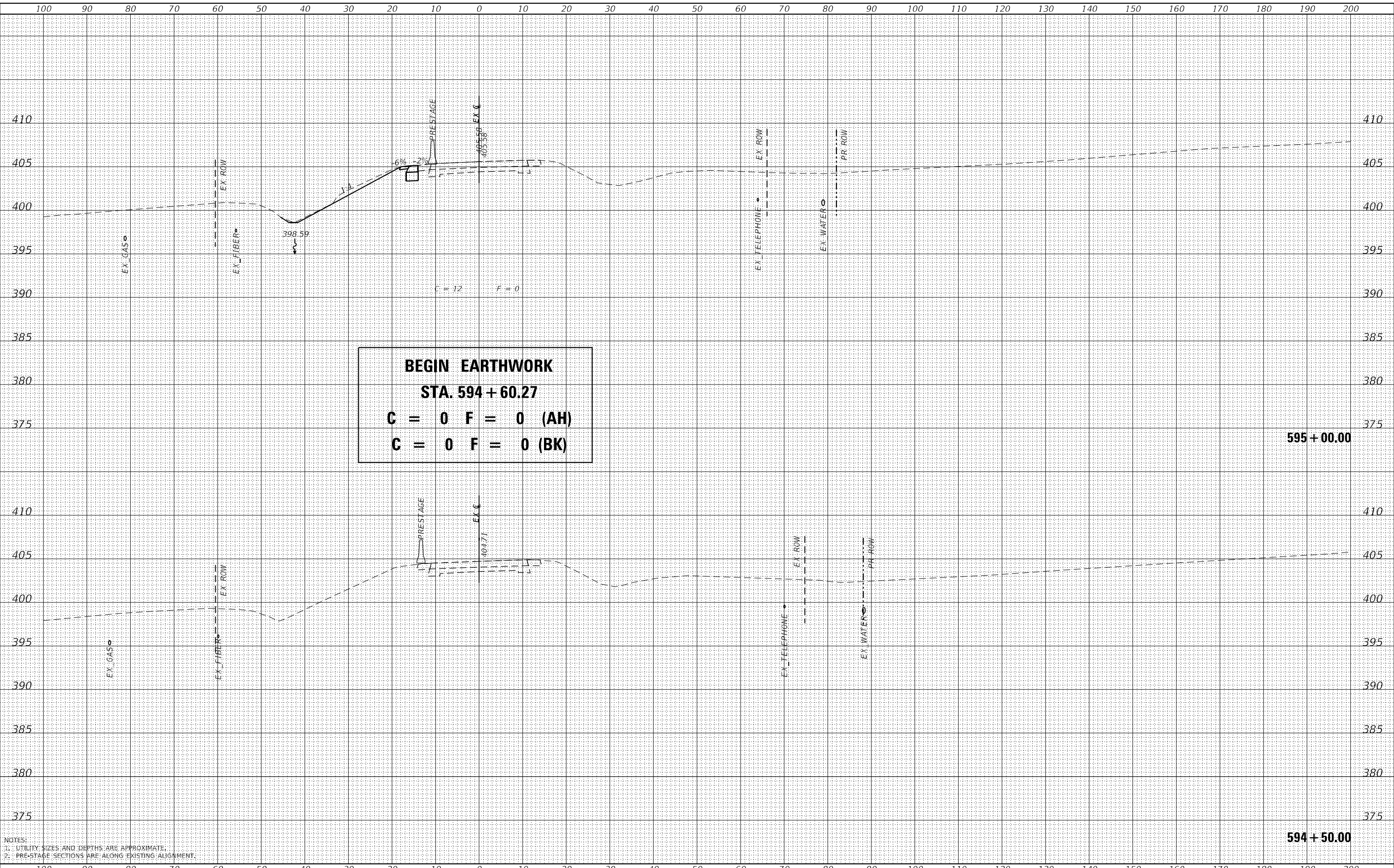
CROSS SECTIONS - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 16 OF 32 SHEETS
 STA. 593+50.00 TO STA. 594+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	157
				CONTRACT NO. 76K25
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.

design firm
 no. 184001036
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 engineers • planners • land surveyors

USER NAME = ljones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 240,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

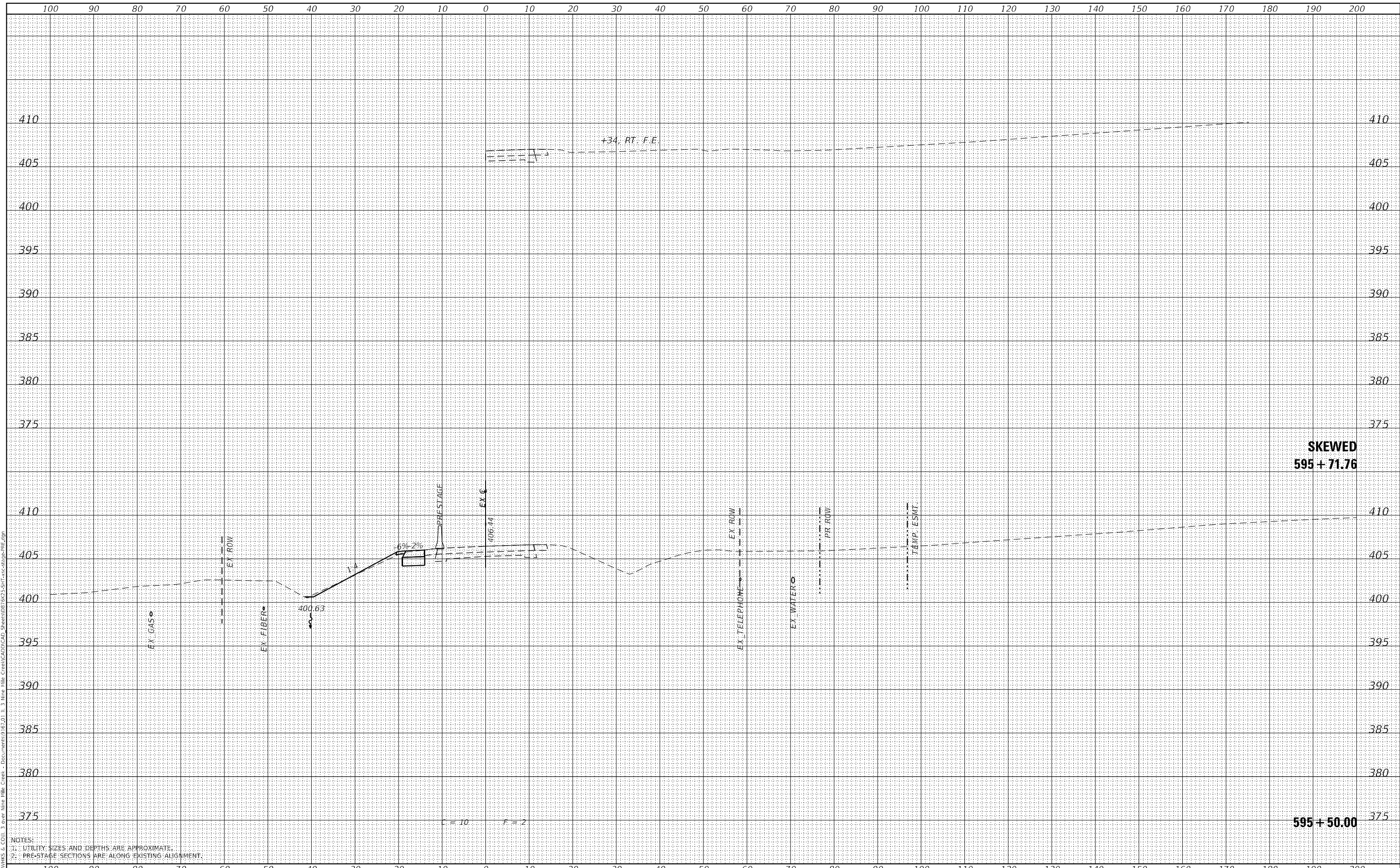
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IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 10'	SHEET 17	OF 32 SHEETS	STA. 594+50.00 TO STA. 595+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 158
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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SURVEYED	
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NOTE BOOK	
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.

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

USER NAME =	jones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

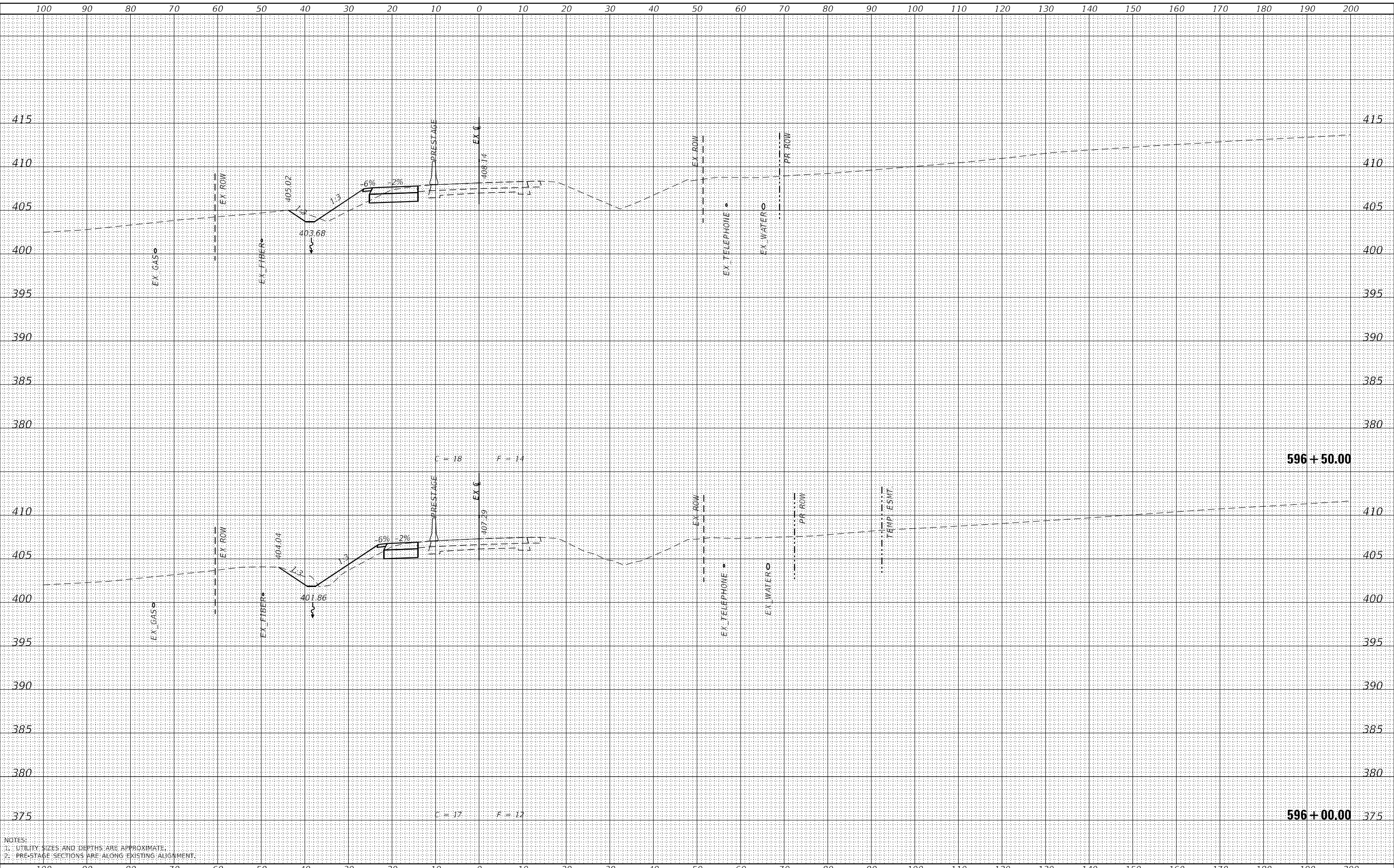
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IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 10'	SHEET 18	OF 32 SHEETS	STA. 595+50.00 TO STA. 595+71.76

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	159
				CONTRACT NO. 76K25
				ILLINOIS FED. AID PROJECT

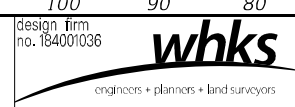
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NOTE BOOK NO.	PLOTTED	
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	AREAS CHECKED	

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	AREAS CHECKED	

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME = ljones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 240,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

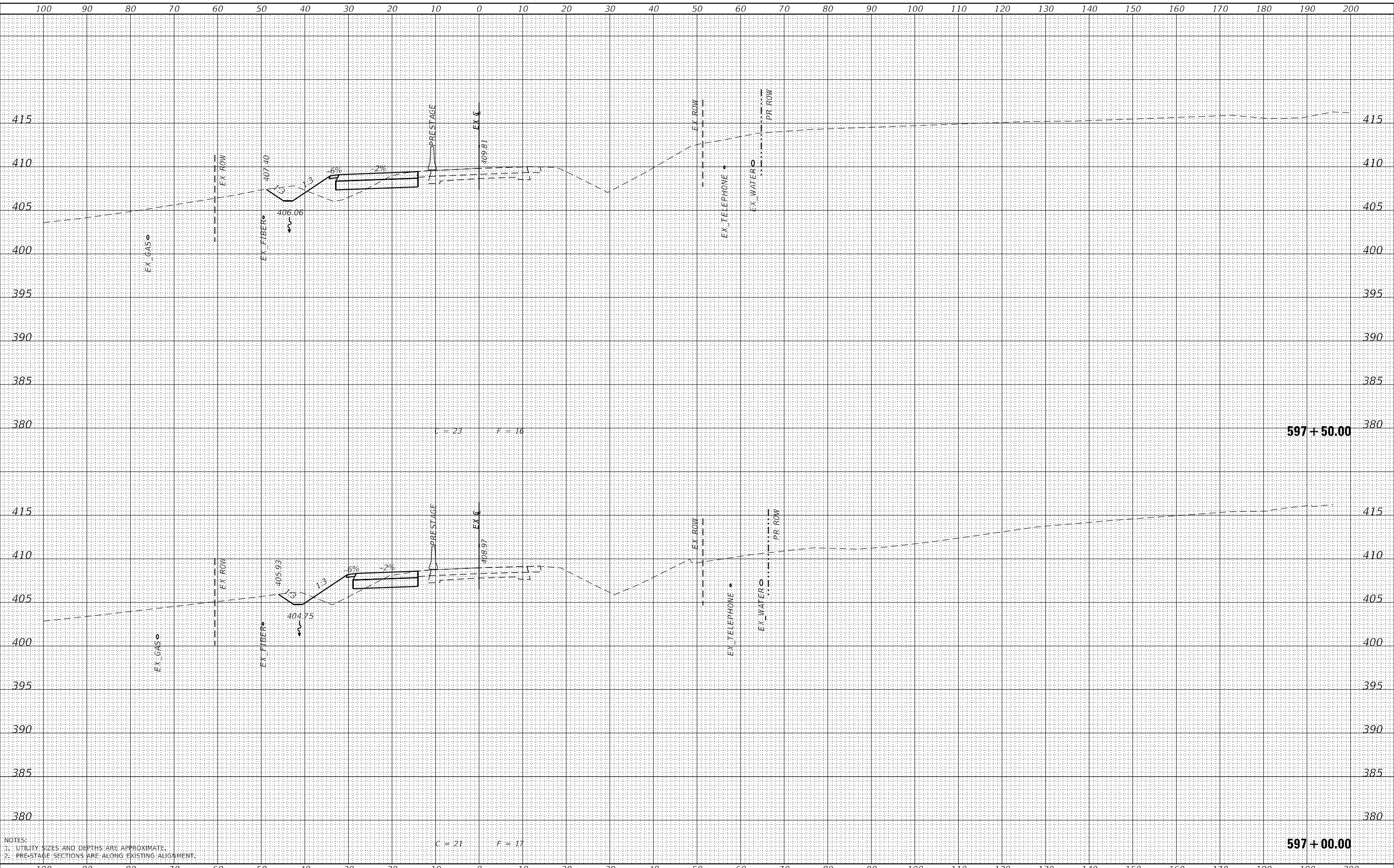
CROSS SECTIONS - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 19 OF 32 SHEETS
 STA. 596+00.00 TO STA. 596+50.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 160
			CONTRACT NO. 76K25	
ILLINOIS			FED. AID PROJECT	

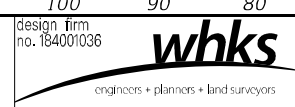
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

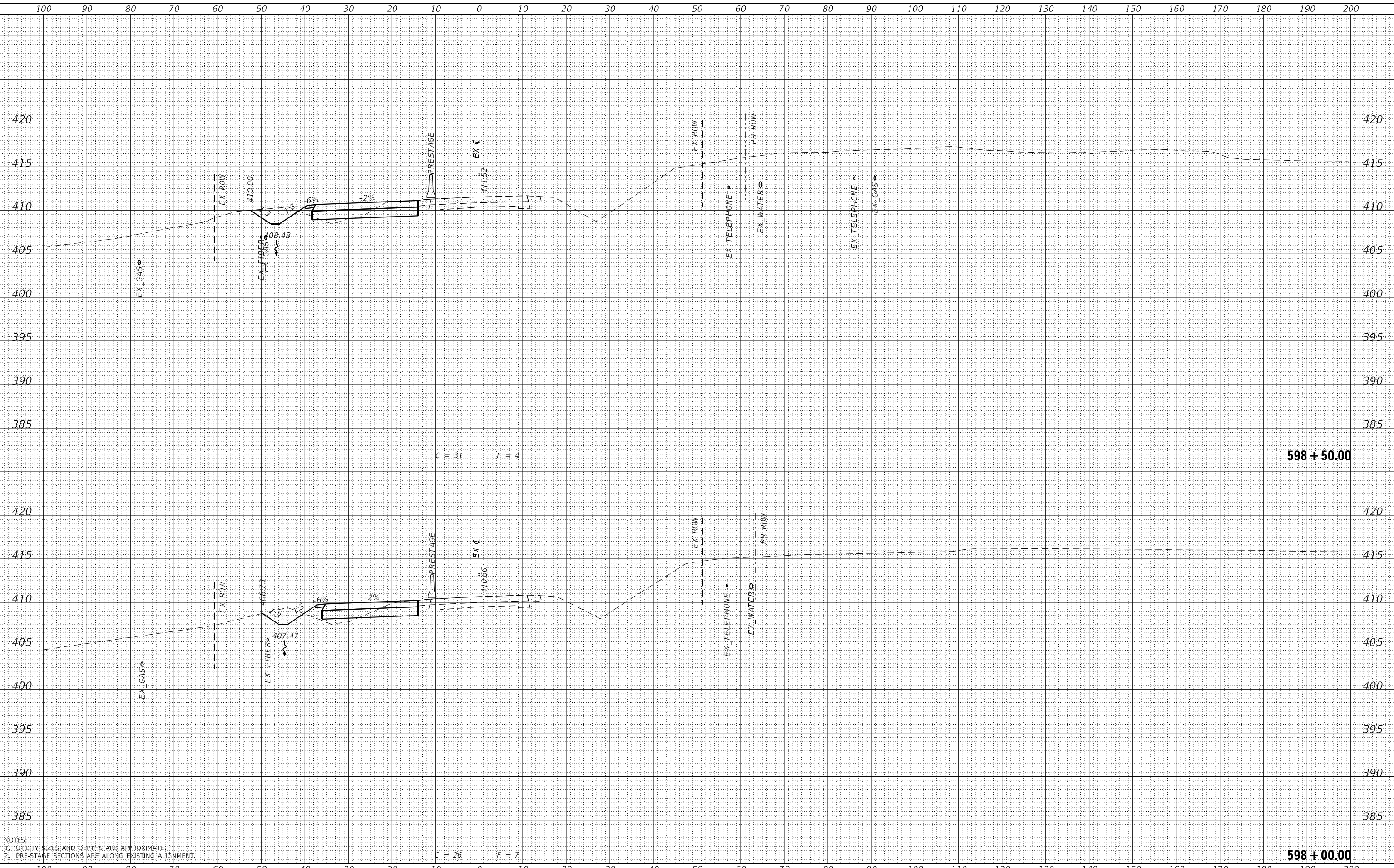
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 20 OF 32 SHEETS
 STA. 597+00.00 TO STA. 597+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	161
			CONTRACT NO.76K25	
			ILLINOIS FED. AID PROJECT	

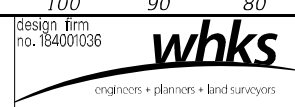
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BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

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

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
REVISED -	
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REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

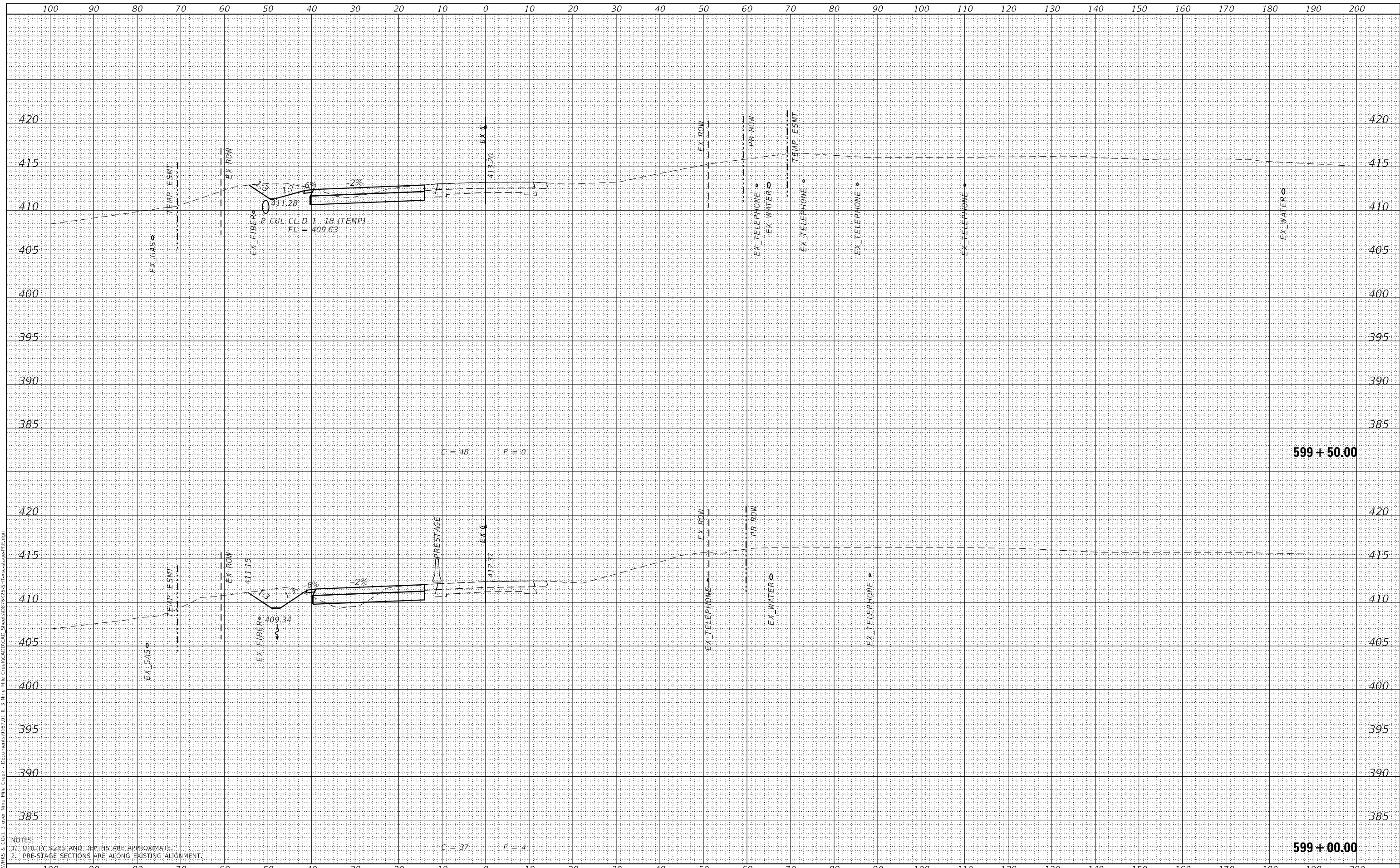
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 21 OF 32 SHEETS
 STA. 598+00.00 TO STA. 598+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	162
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.

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

USER NAME = ljones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

DESIGNED - LNJ	REVISED -
DRAWN - LNJ	REVISED -
CHECKED - RKA	REVISED -
DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

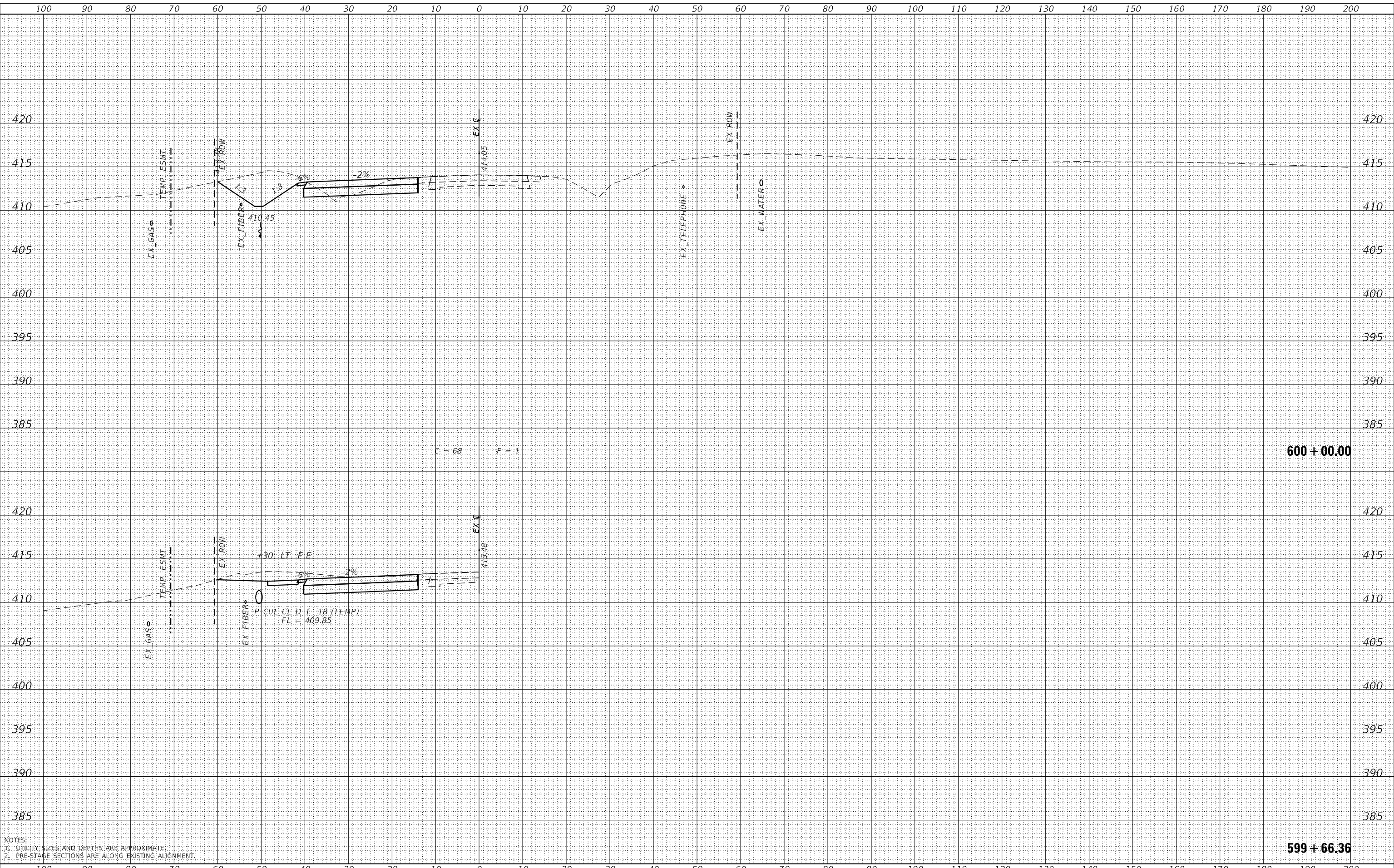
**CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 22 OF 32 SHEETS
 STA. 599+00.00 TO STA. 599+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	163
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

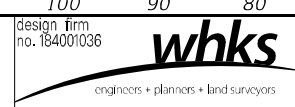
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FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

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REVISED	-

STATE OF ILLINOIS
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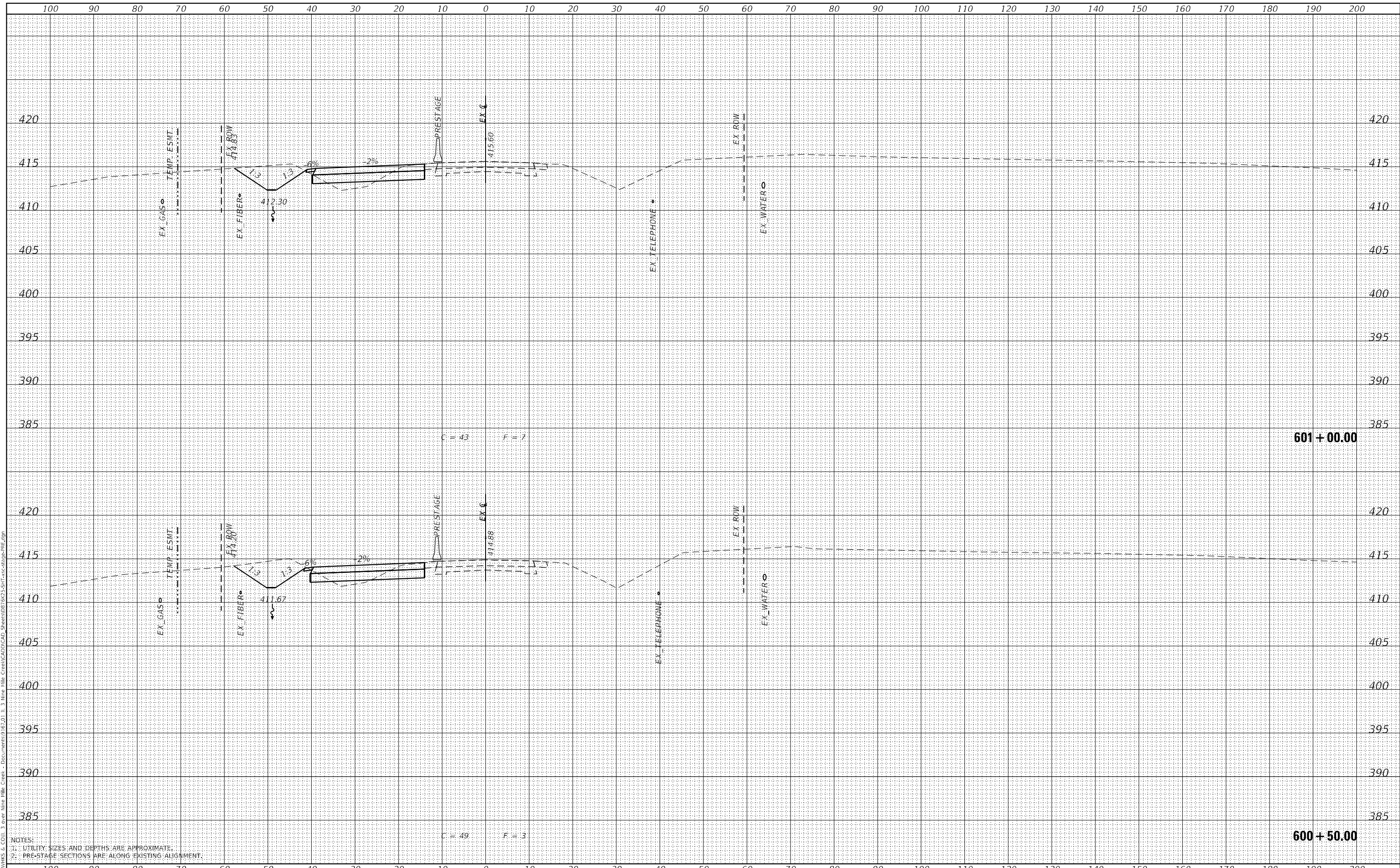
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 23 OF 32 SHEETS
 STA. 599+66.36 TO STA. 600+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	164
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

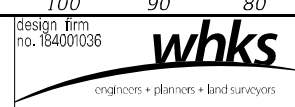
FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
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REVISED -	

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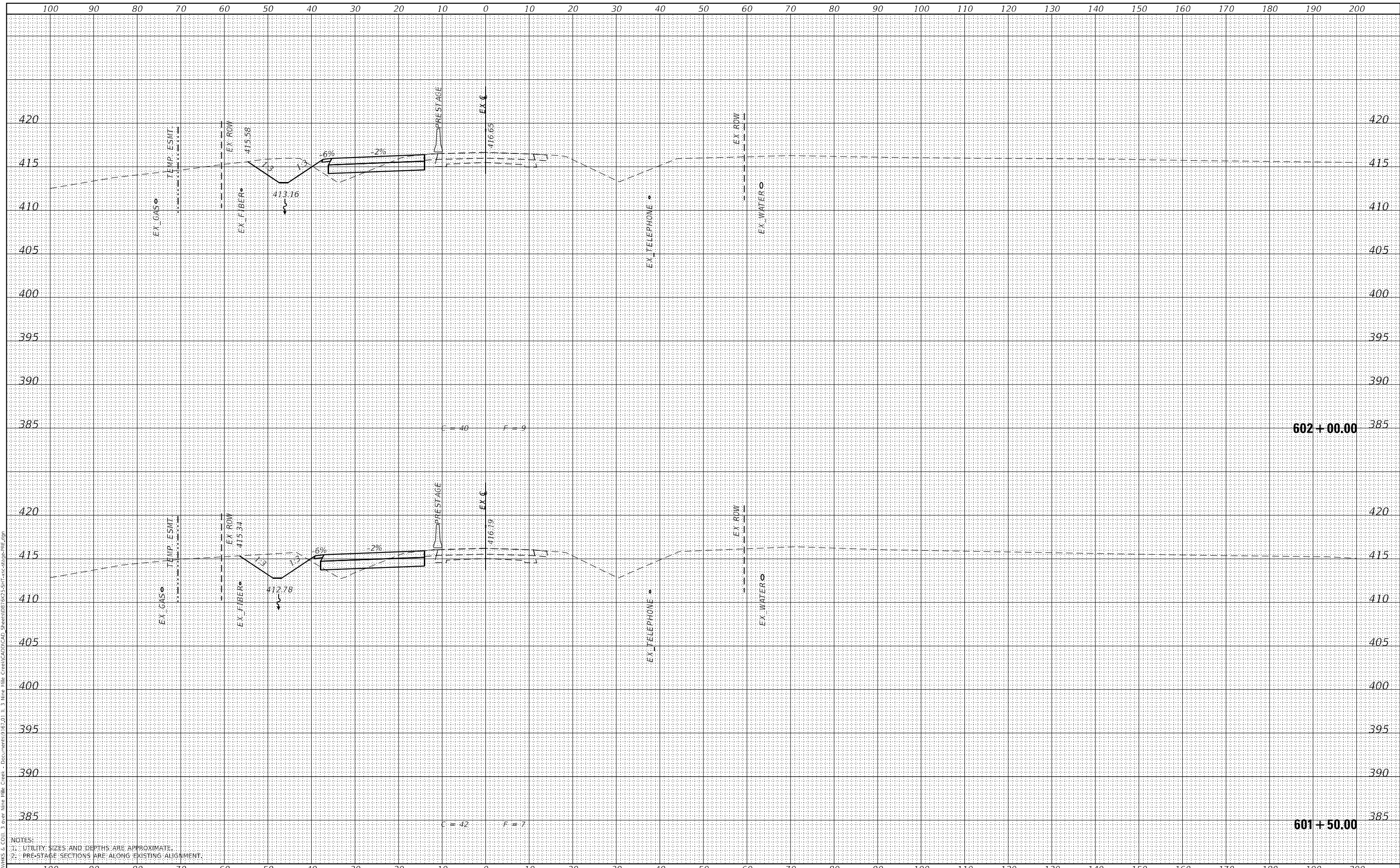
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 24 OF 32 SHEETS
 STA. 600+50.00 TO STA. 601+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 165
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

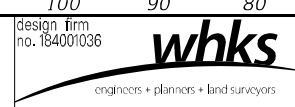
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NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME = jones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 240,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

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 DEPARTMENT OF TRANSPORTATION

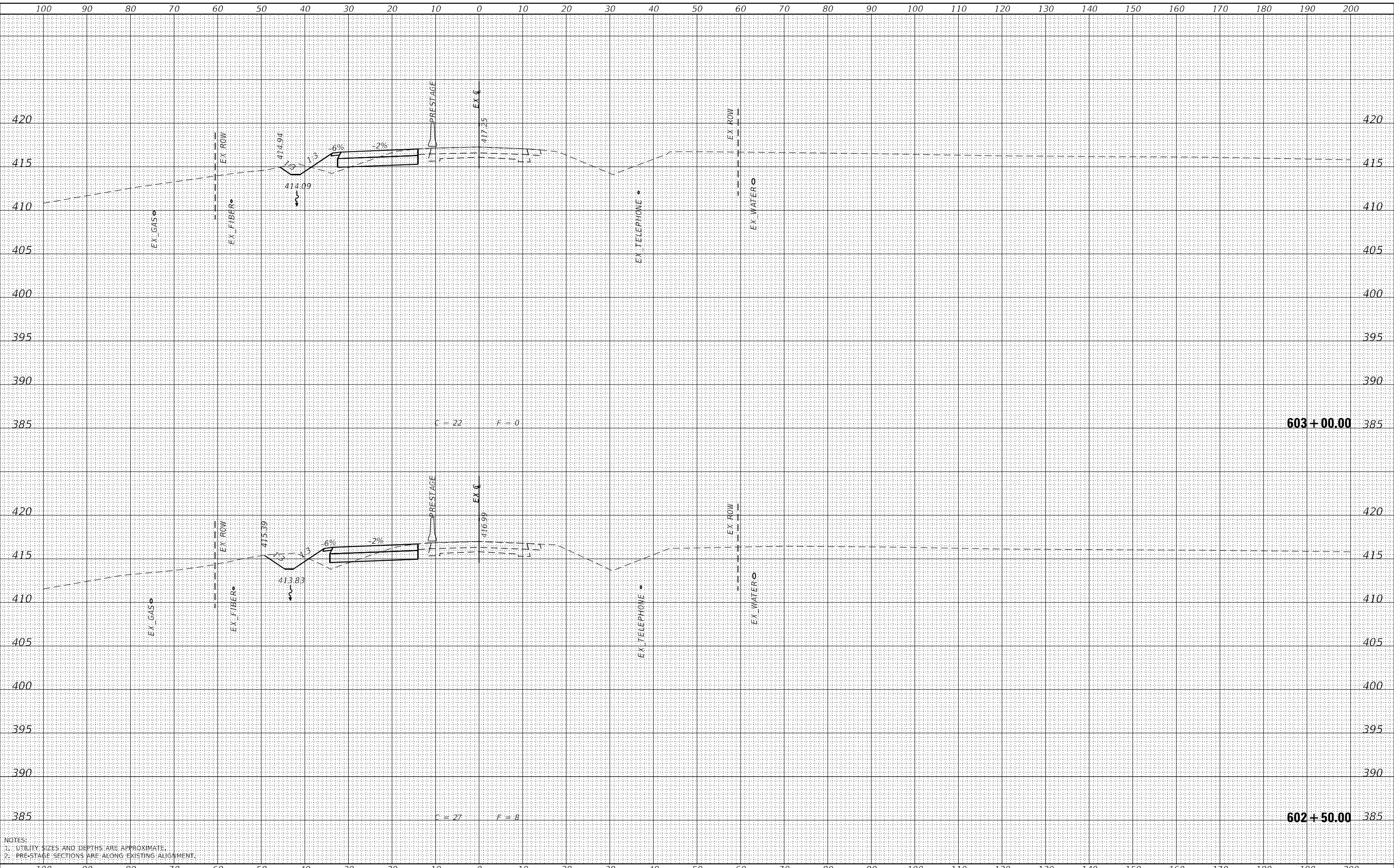
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 25 OF 32 SHEETS
 STA. 601+50.00 TO STA. 602+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 166
CONTRACT NO. 76K25			ILLINOIS FED. AID PROJECT	

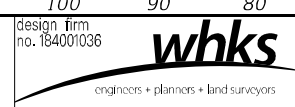
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NOTE BOOK NO.	PLOTTED	
AREAS CHECKED	TEMPLATE	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

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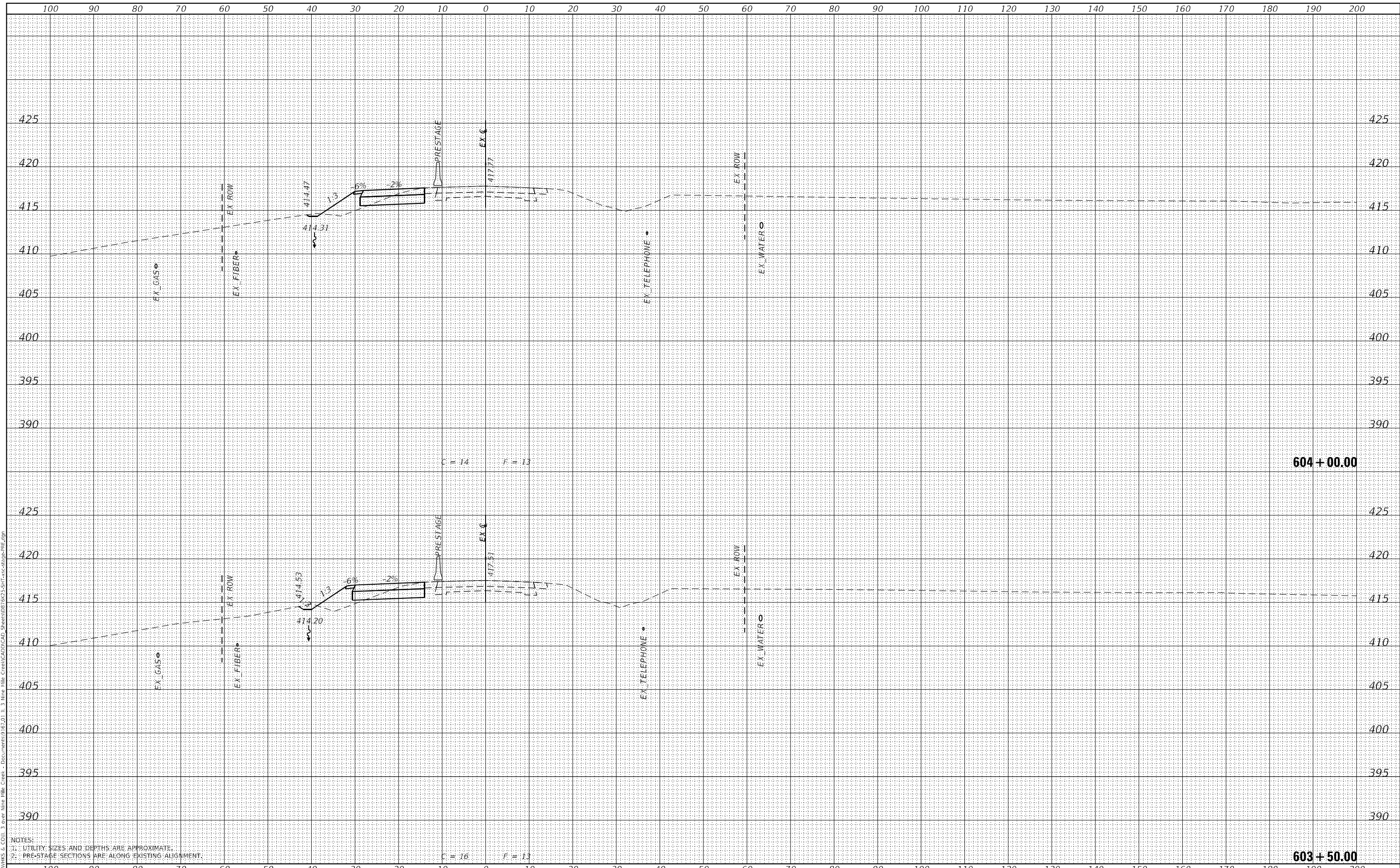
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 26 OF 32 SHEETS
 STA. 602+50.00 TO STA. 603+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 167
			CONTRACT NO. 76K25	
ILLINOIS			FED. AID PROJECT	

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

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.

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 no. 184001036
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USER NAME = ljones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 240,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

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 DEPARTMENT OF TRANSPORTATION**

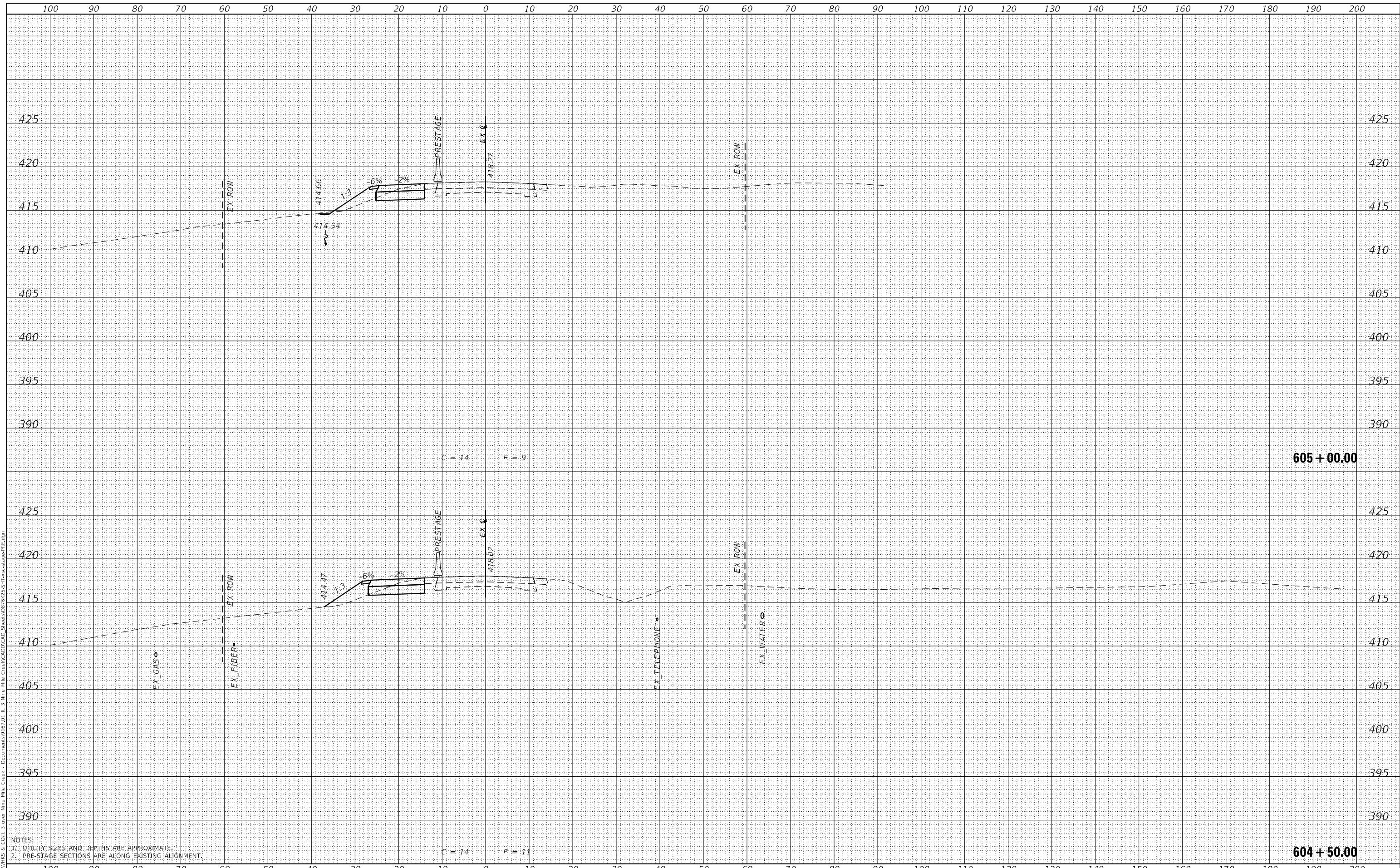
**CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 27 OF 32 SHEETS
 STA. 603+50.00 TO STA. 604+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 168
			CONTRACT NO. 76K25	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
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REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

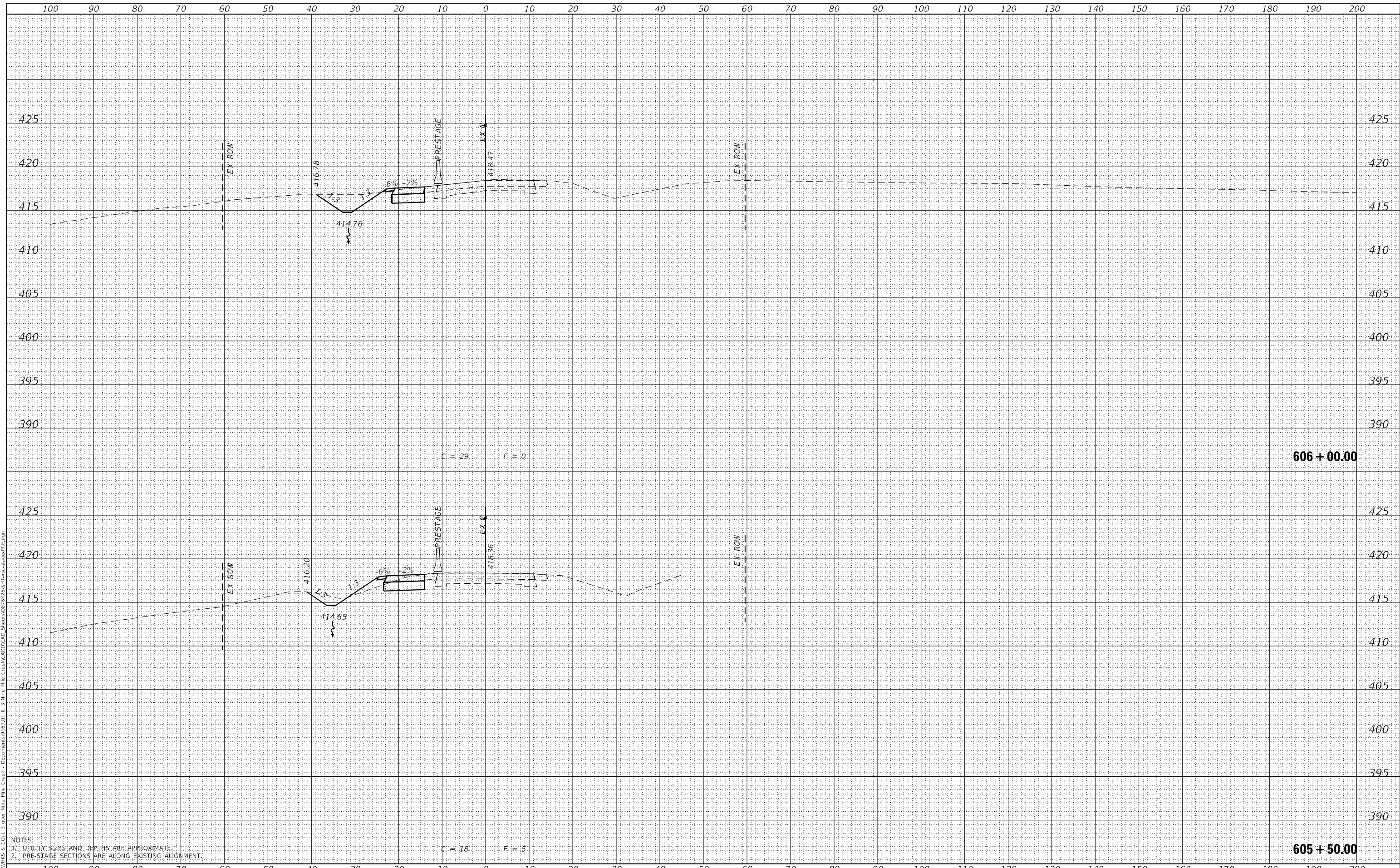
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 28 OF 32 SHEETS
 STA. 604+50.00 TO STA. 605+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	169
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

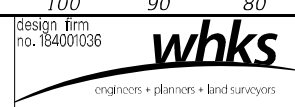
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NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME = ljones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 240,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 10' SHEET 29 OF 32 SHEETS STA. 605+50.00 TO STA. 606+00.00

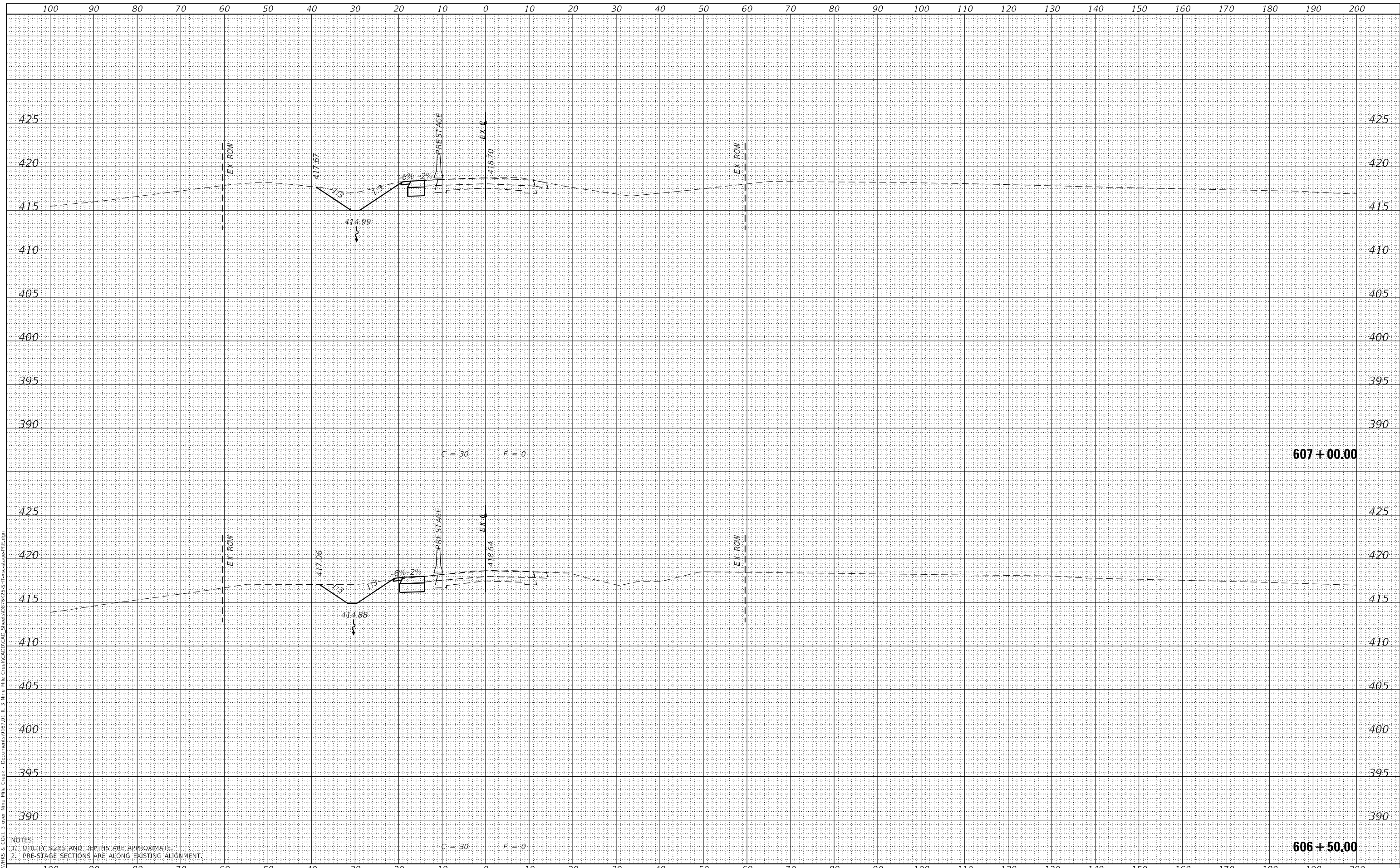
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	170
CONTRACT NO. 76K25				

ILLINOIS FED. AID PROJECT

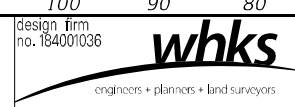
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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SURVEYED	
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME	= tjones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022
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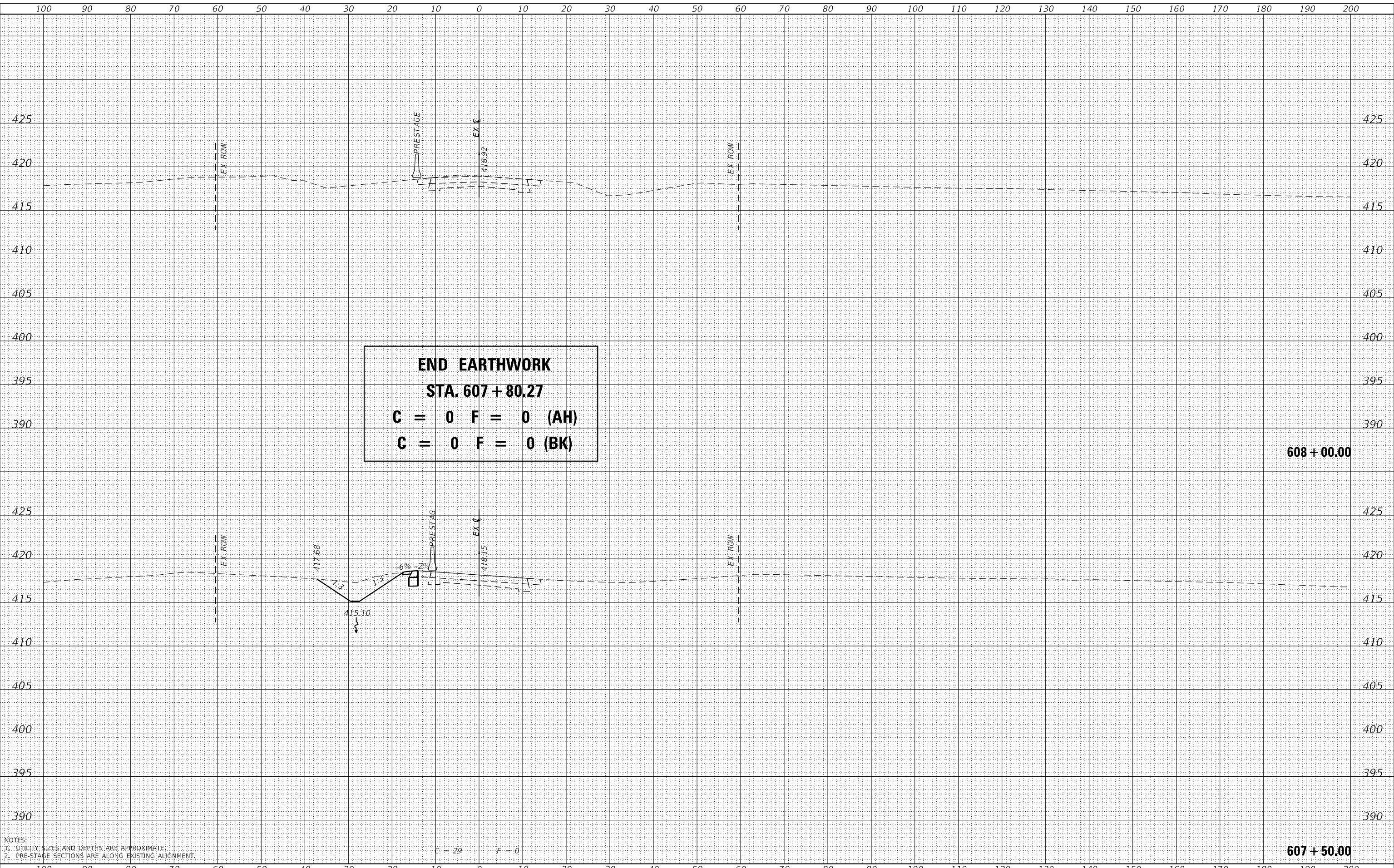
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 30 OF 32 SHEETS
 STA. 606+50.00 TO STA. 607+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	171
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

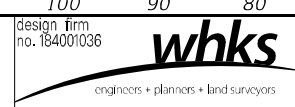
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
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REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

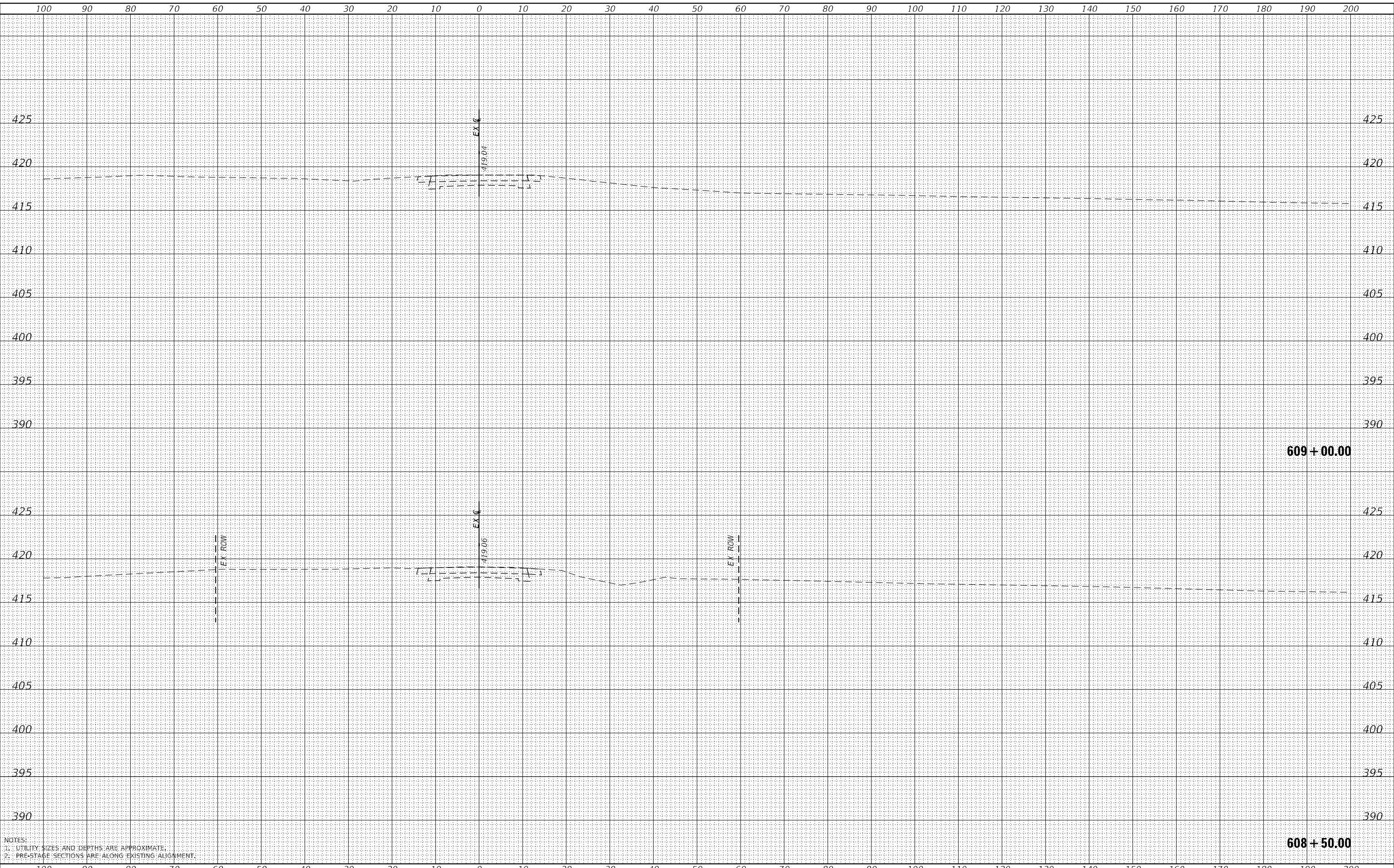
CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 31 OF 32 SHEETS
 STA. 607+50.00 TO STA. 608+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	172
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

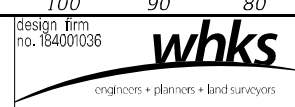
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NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. PRE-STAGE SECTIONS ARE ALONG EXISTING ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

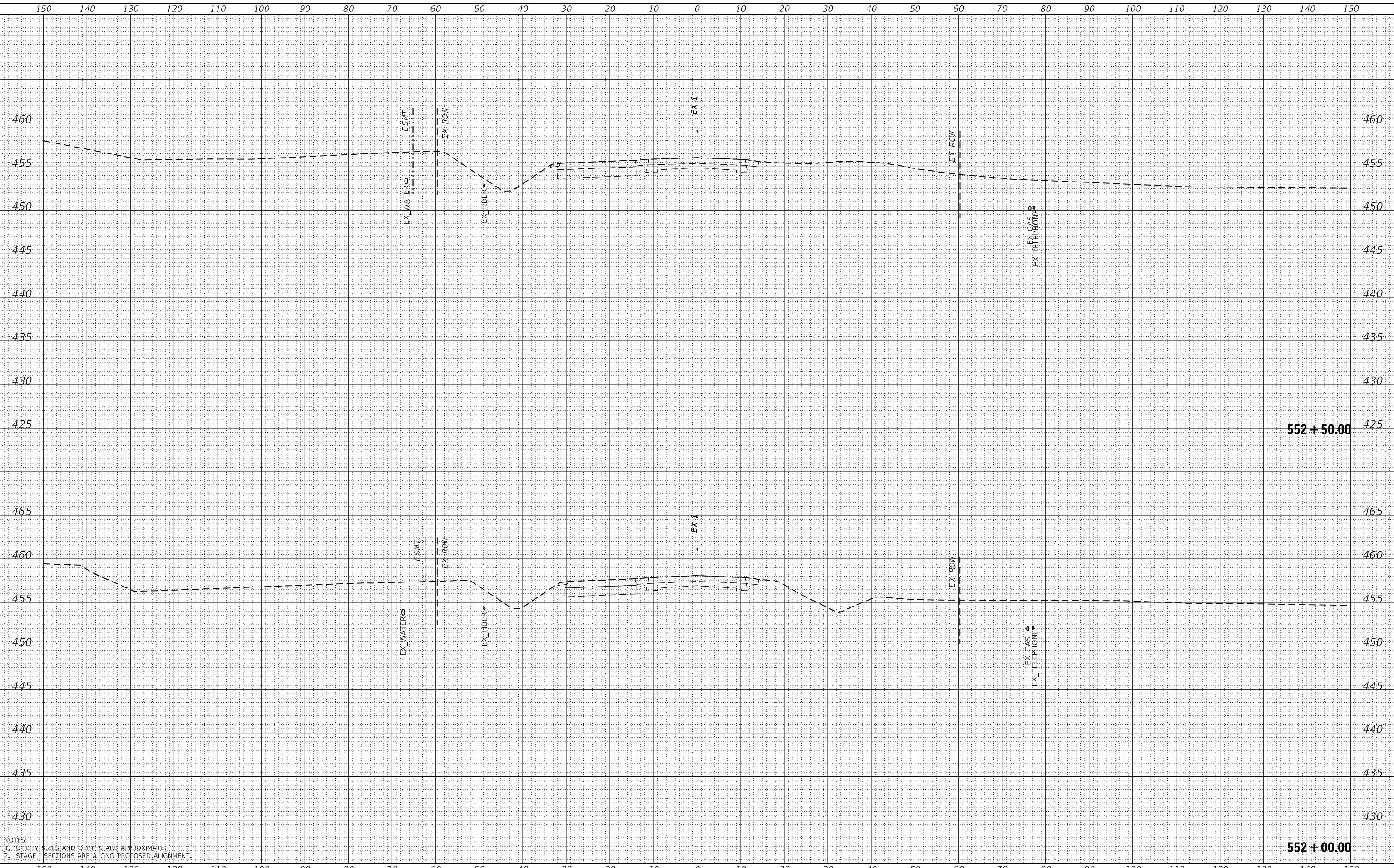
**CROSS SECTIONS - PRE-STAGE
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 32 OF 32 SHEETS
 STA. 608+50.00 TO STA. 609+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	173
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

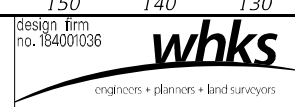
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NOTE BOOK NO.	PLOTTED	BY
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022
REVISIONS	
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REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

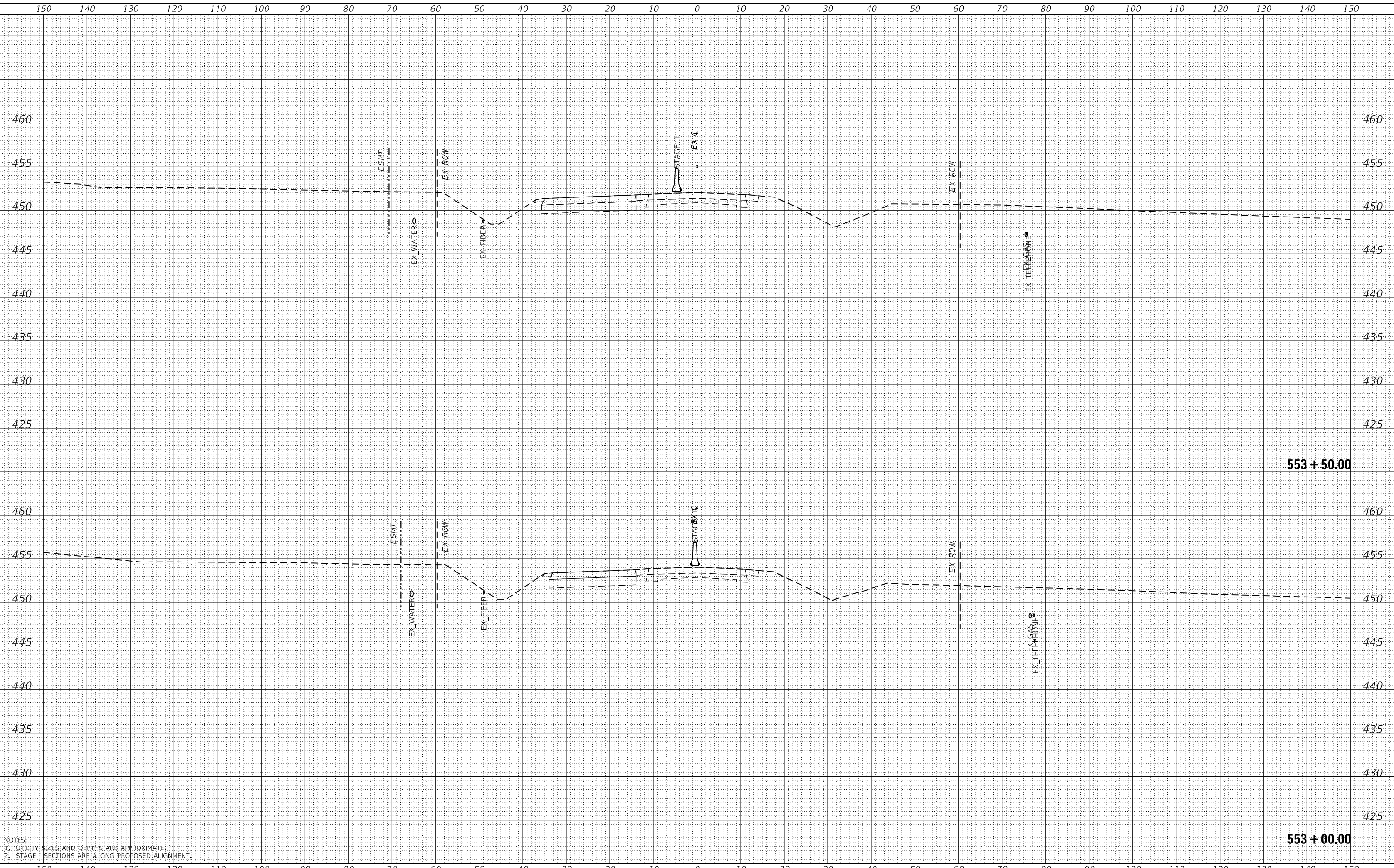
CROSS SECTIONS - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 1 OF 55 SHEETS
 STA. 552+00.00 TO STA. 552+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	174
				CONTRACT NO.76K25
				ILLINOIS FED. AID PROJECT

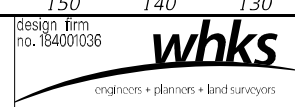
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PLOTTED	
TEMPLATE	
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NOTE BOOK	
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MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE I SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022
REVISIONS	
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REVISED	-
REVISED	-
REVISED	-

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 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**

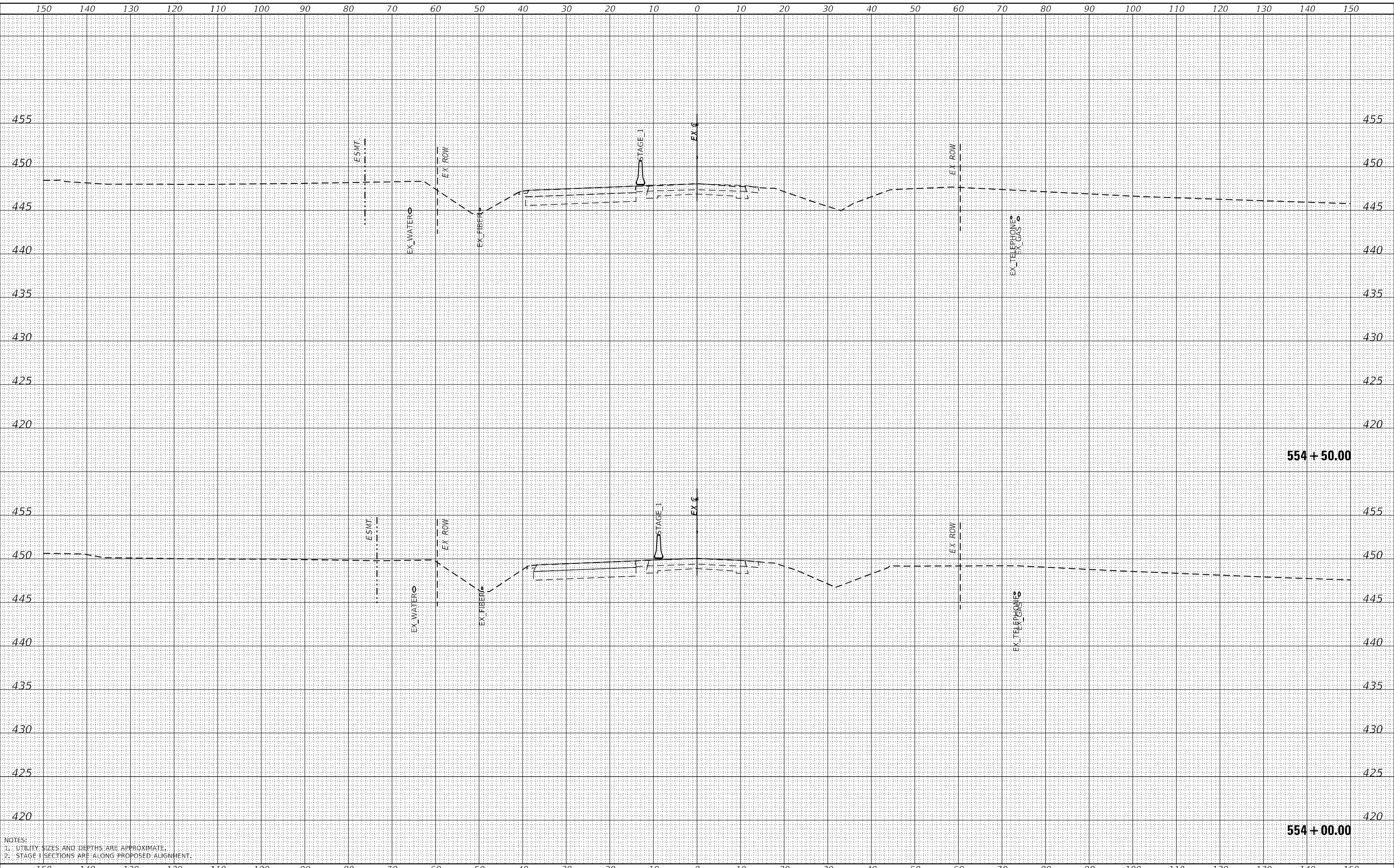
SCALE: 1" = 10'
 SHEET 2 OF 55 SHEETS
 STA. 553+00.00 TO STA. 553+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	175
ILLINOIS FED. AID PROJECT			CONTRACT NO.76K25	

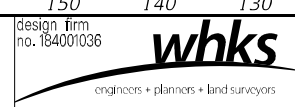
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NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 10'
 SHEET 3 OF 55 SHEETS
 STA. 554+00.00 TO STA. 554+50.00

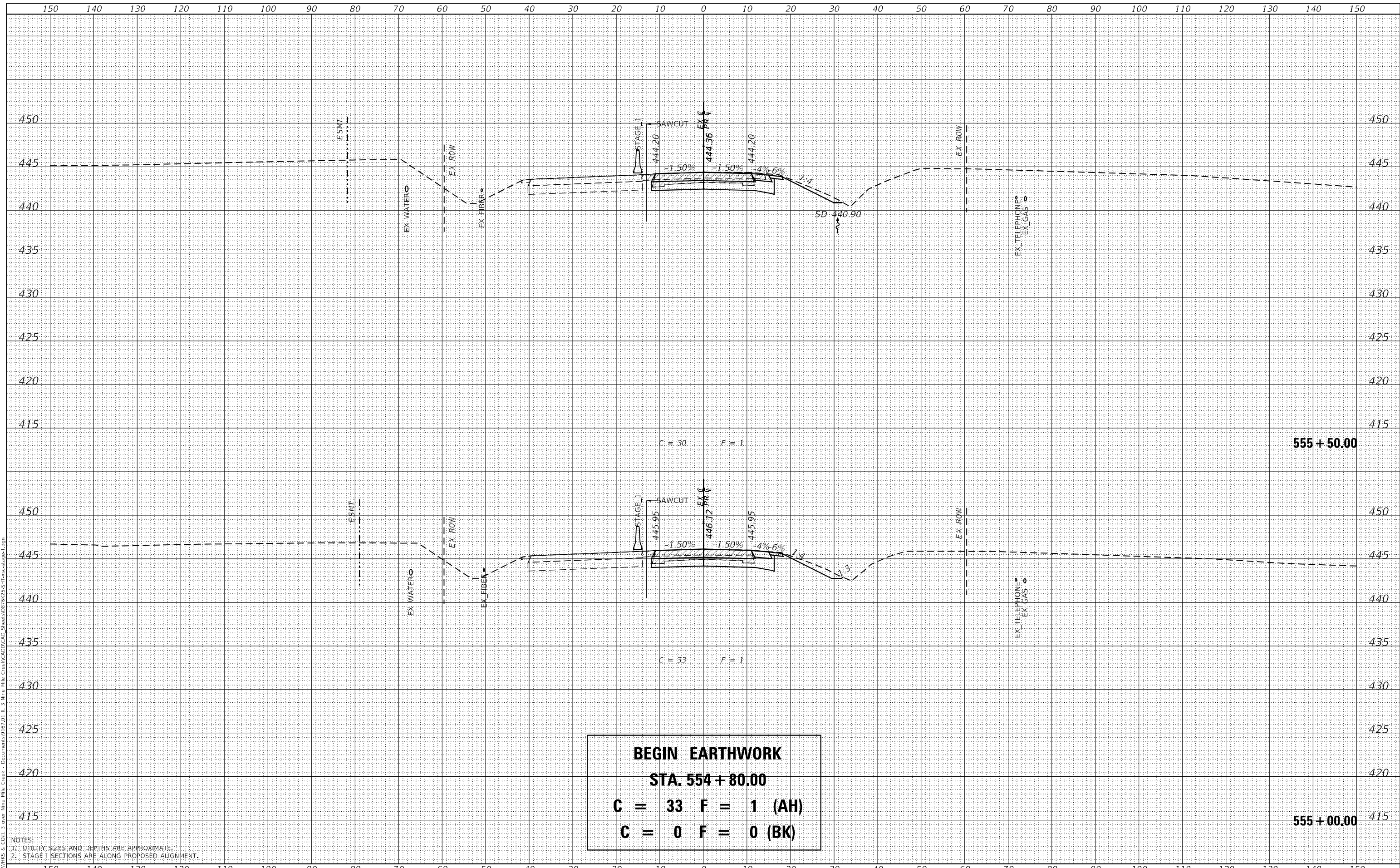
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	176
			CONTRACT NO.76K25	

ILLINOIS FED. AID PROJECT

DATE	
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SURVEYED	
PLOTTED	
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FINAL SURVEY	
NOTE BOOK	
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AREAS CHECKED	

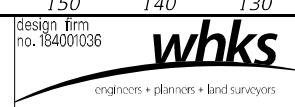
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NOTE BOOK	
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AREAS CHECKED	

MODEL: Definit
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BEGIN EARTHWORK
STA. 554+80.00
C = 33 F = 1 (AH)
C = 0 F = 0 (BK)

NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME = jones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 240,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

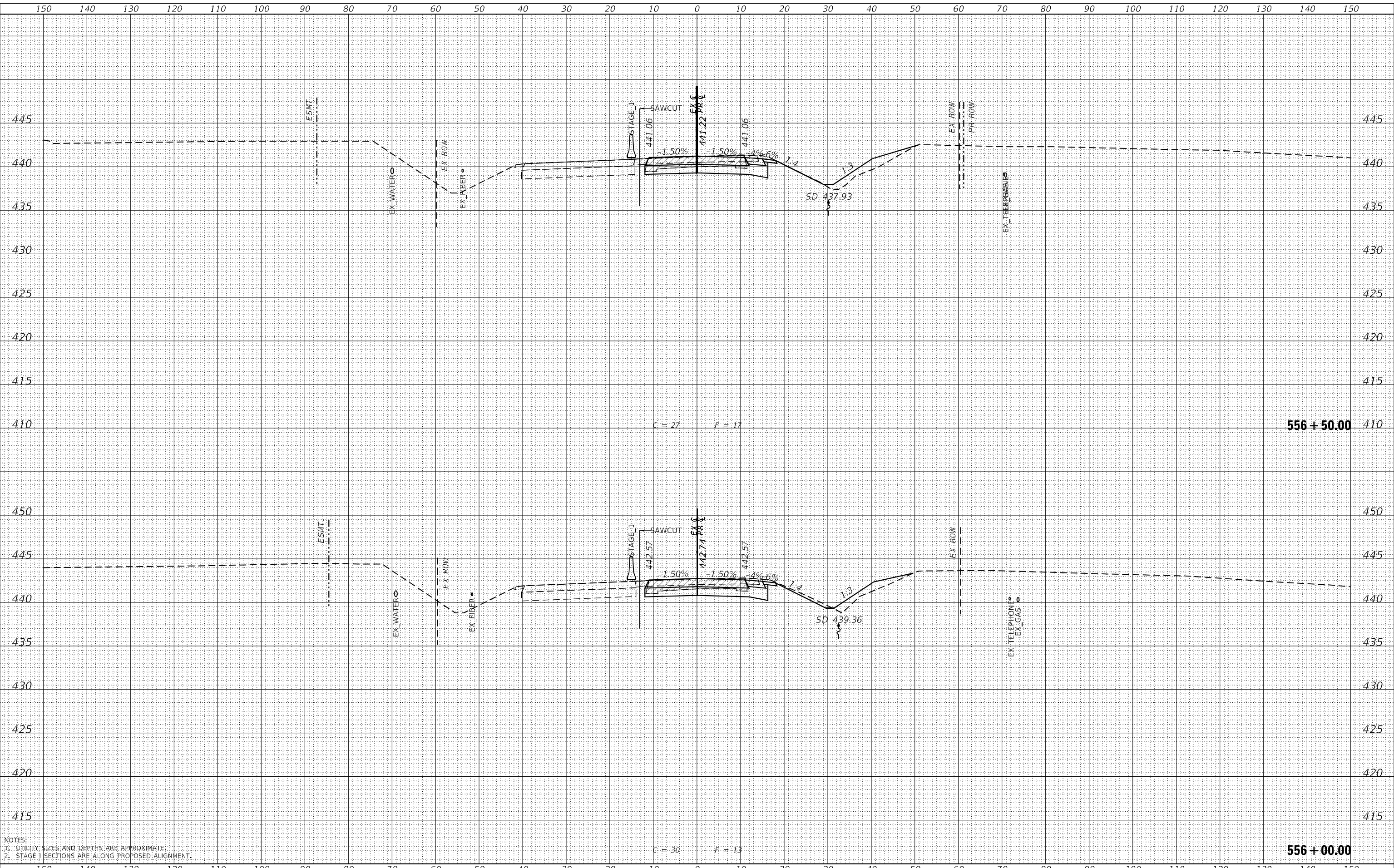
CROSS SECTIONS - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 4 OF 55 SHEETS
 STA. 555+00.00 TO STA. 555+50.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 177
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K25	

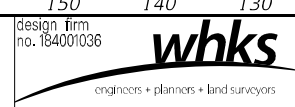
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BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME = ljones	DESIGNED - LNJ	REvised -
	DRAWN - LNJ	REvised -
PLOT SCALE = 240,000' / ft.	CHECKED - RKA	REvised -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REvised -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

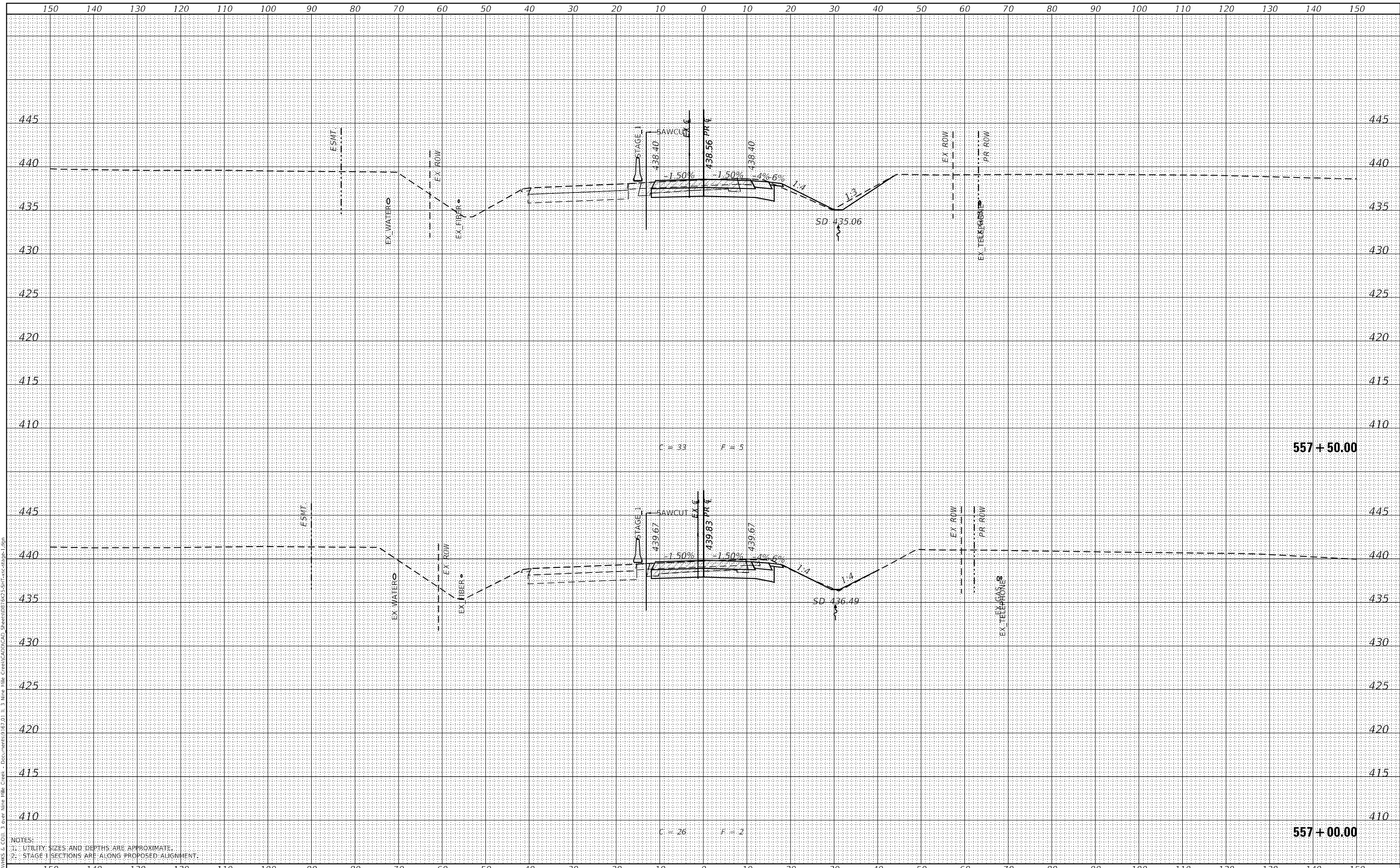
CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 5 OF 55 SHEETS
 STA. 556+00.00 TO STA. 556+50.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 178
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

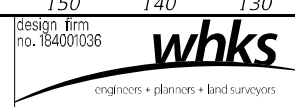
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**

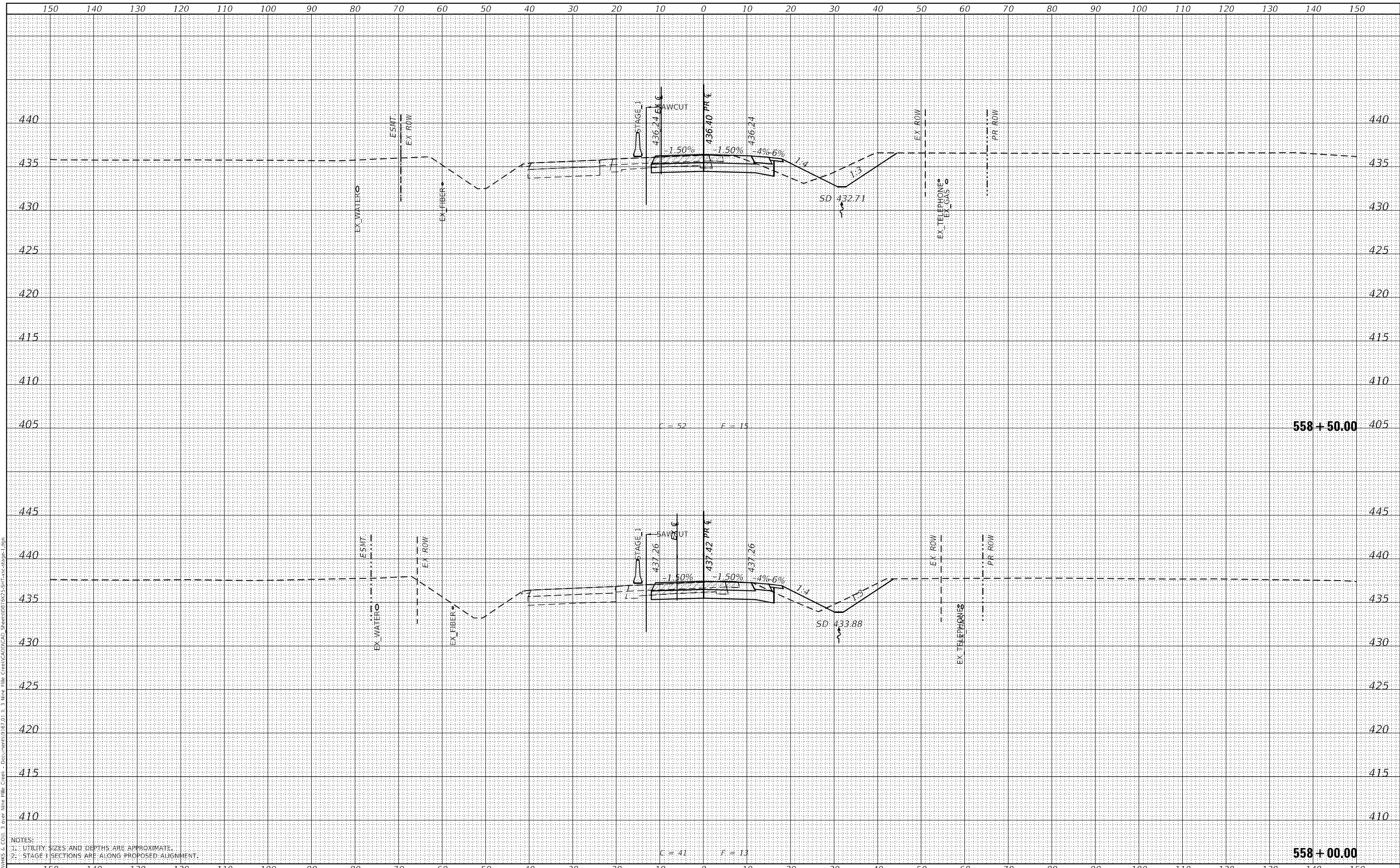
SCALE: 1" = 10'
 SHEET 6 OF 55 SHEETS
 STA. 557+00.00 TO STA. 557+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	179
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

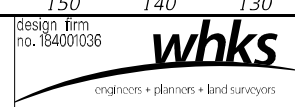
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022
REVISIONS	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

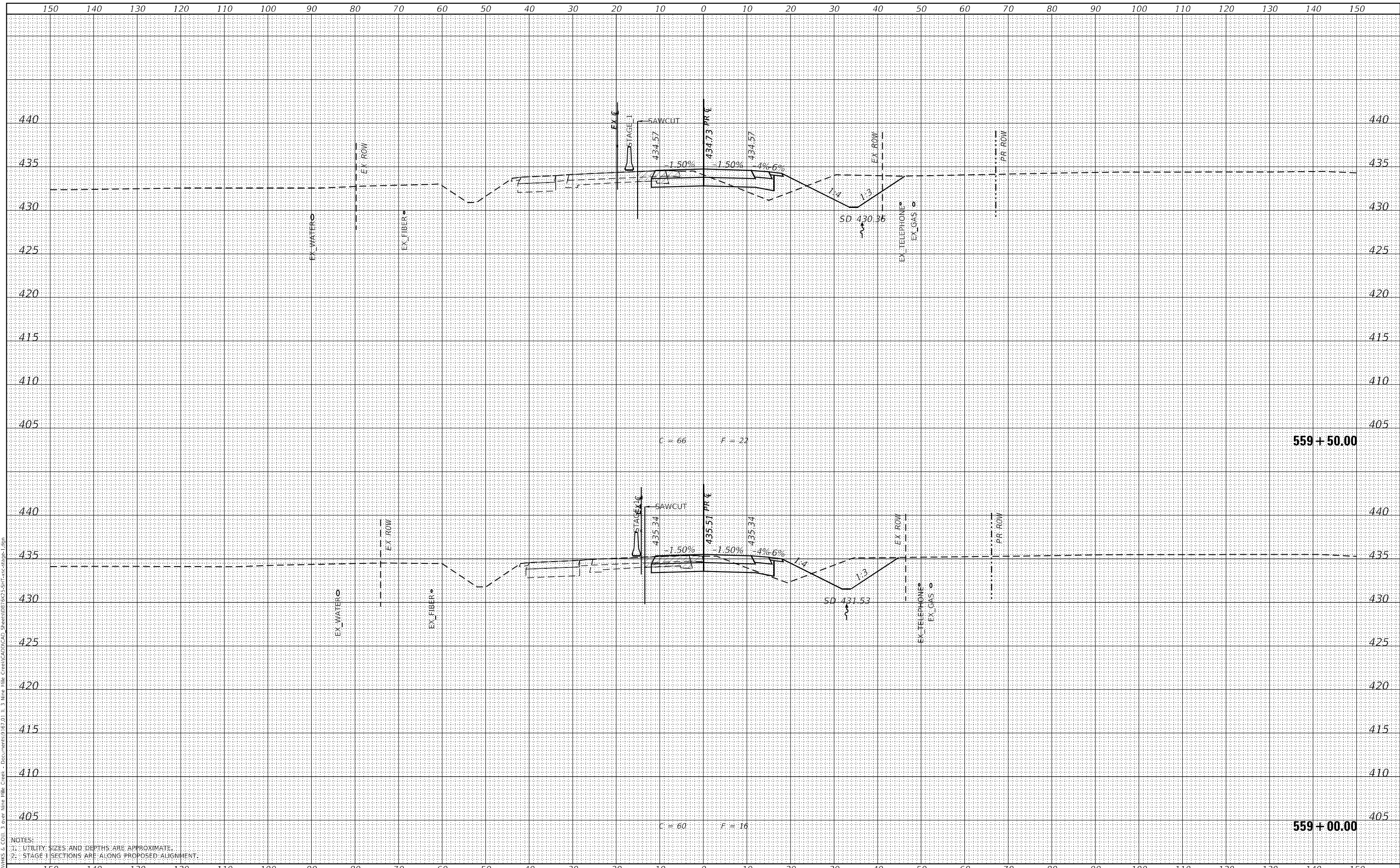
CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 7 OF 55 SHEETS
 STA. 558+00.00 TO STA. 558+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	180
				CONTRACT NO.76K25
				ILLINOIS FED. AID PROJECT

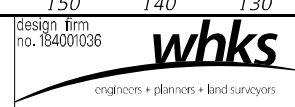
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	
AREAS CHECKED	

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	jones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022
REVISIONS	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

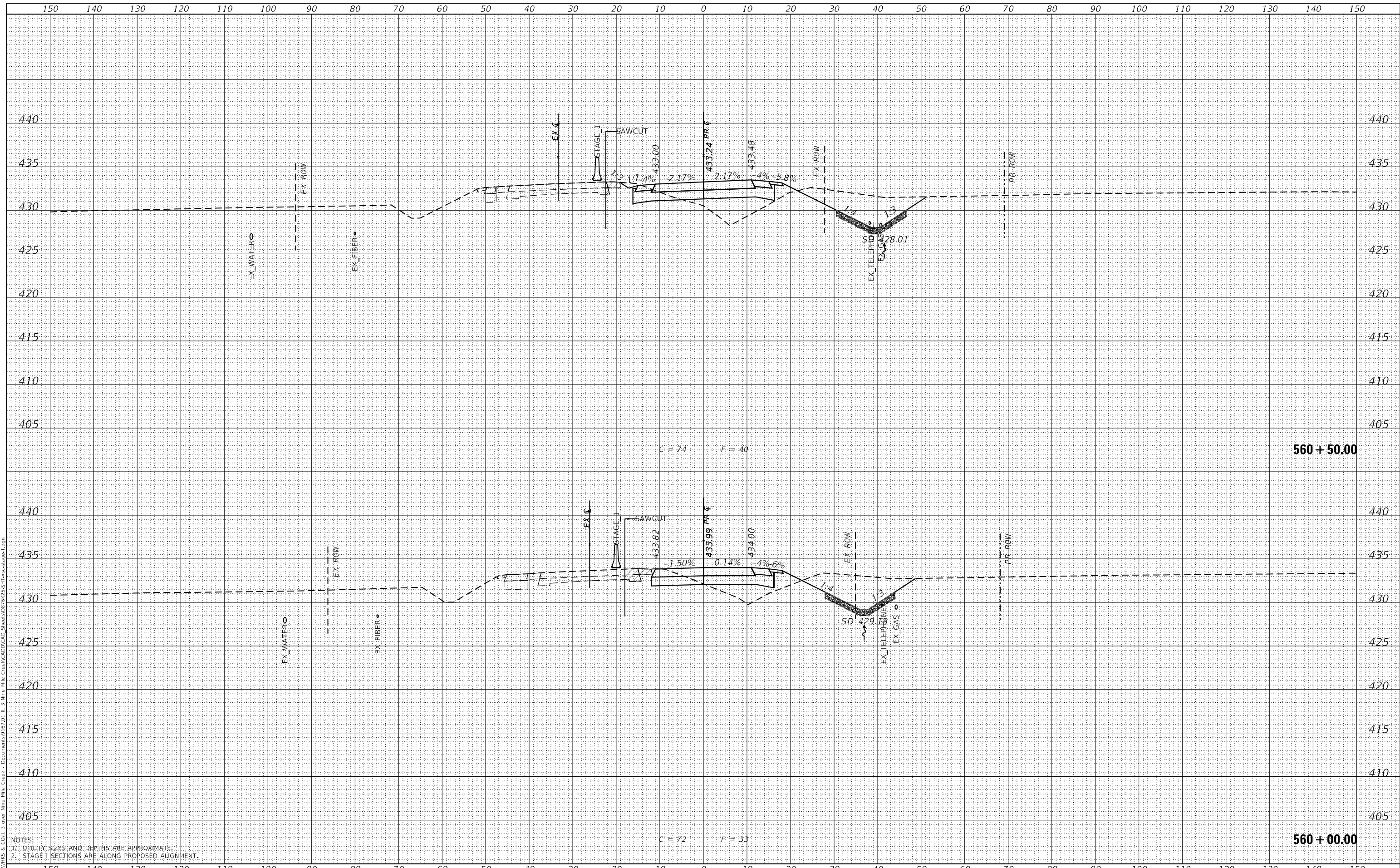
CROSS SECTIONS - STAGE I			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 10'	SHEET 8	OF 55 SHEETS	STA. 559+00.00 TO STA. 559+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	181
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

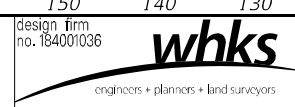
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BY	
SURVEYED	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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AREAS CHECKED	

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

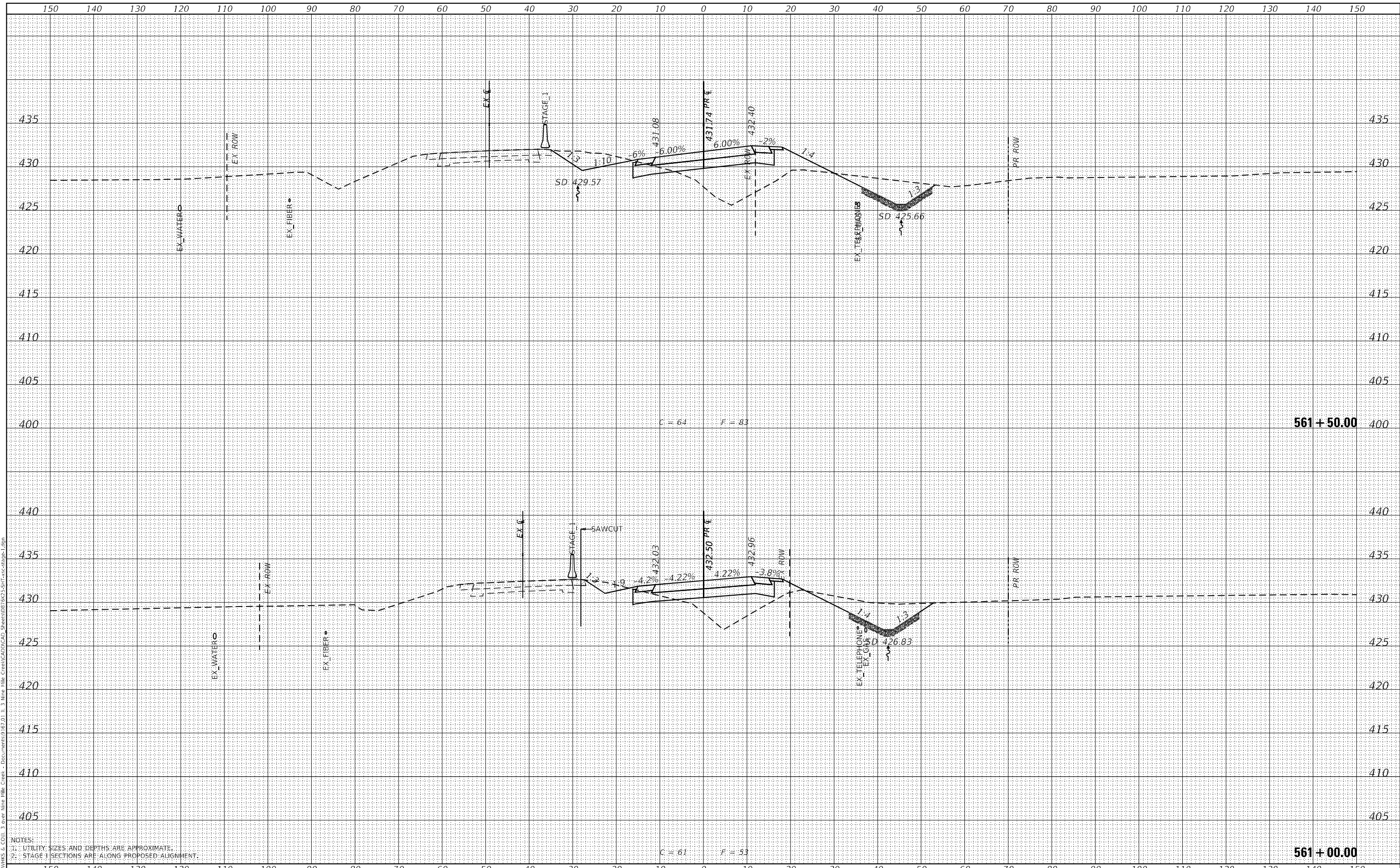
CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 9 OF 55 SHEETS
 STA. 560+00.00 TO STA. 560+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	182
				CONTRACT NO.76K25
				ILLINOIS FED. AID PROJECT

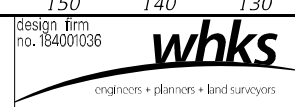
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE I SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

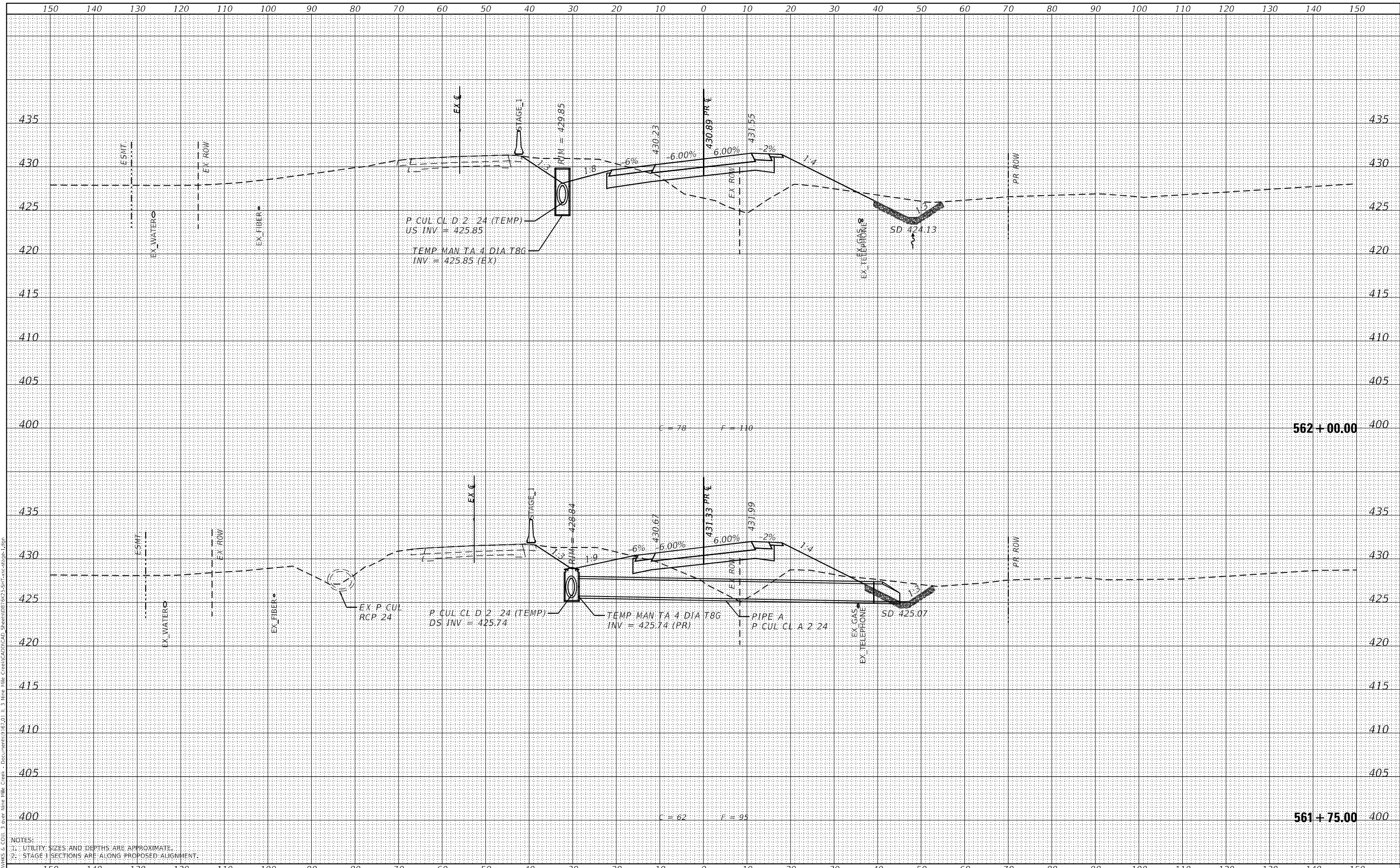
CROSS SECTIONS - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 10 OF 55 SHEETS
 STA. 561+00.00 TO STA. 561+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	183
				CONTRACT NO.76K25
ILLINOIS FED. AID PROJECT				

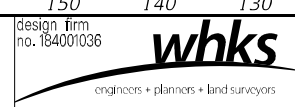
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= jones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
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REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

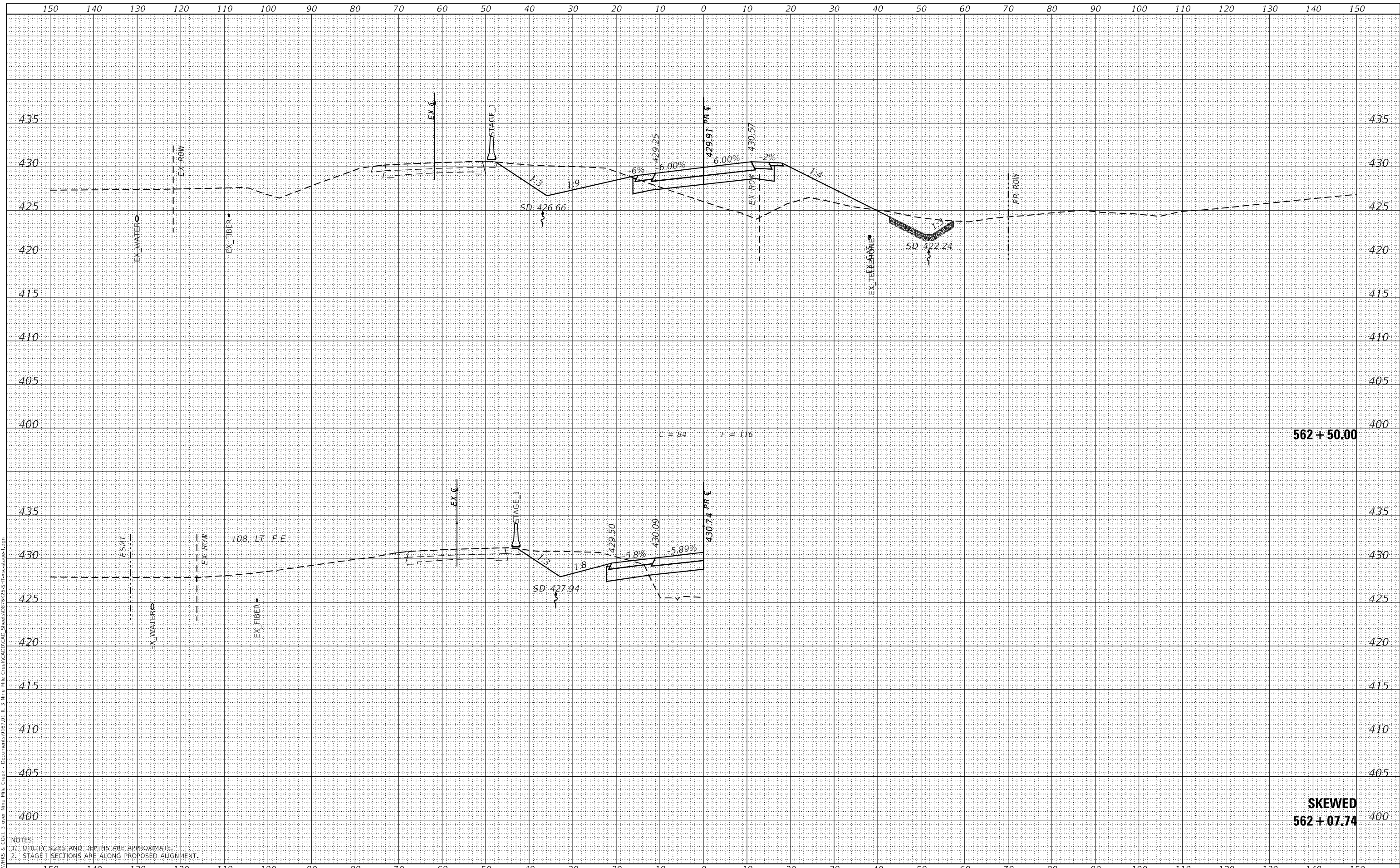
CROSS SECTIONS - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 11 OF 55 SHEETS
 STA. 561+75.00 TO STA. 562+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	184
			CONTRACT NO.76K25	
			ILLINOIS FED. AID PROJECT	

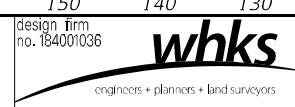
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= jones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
REVISED	-
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REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

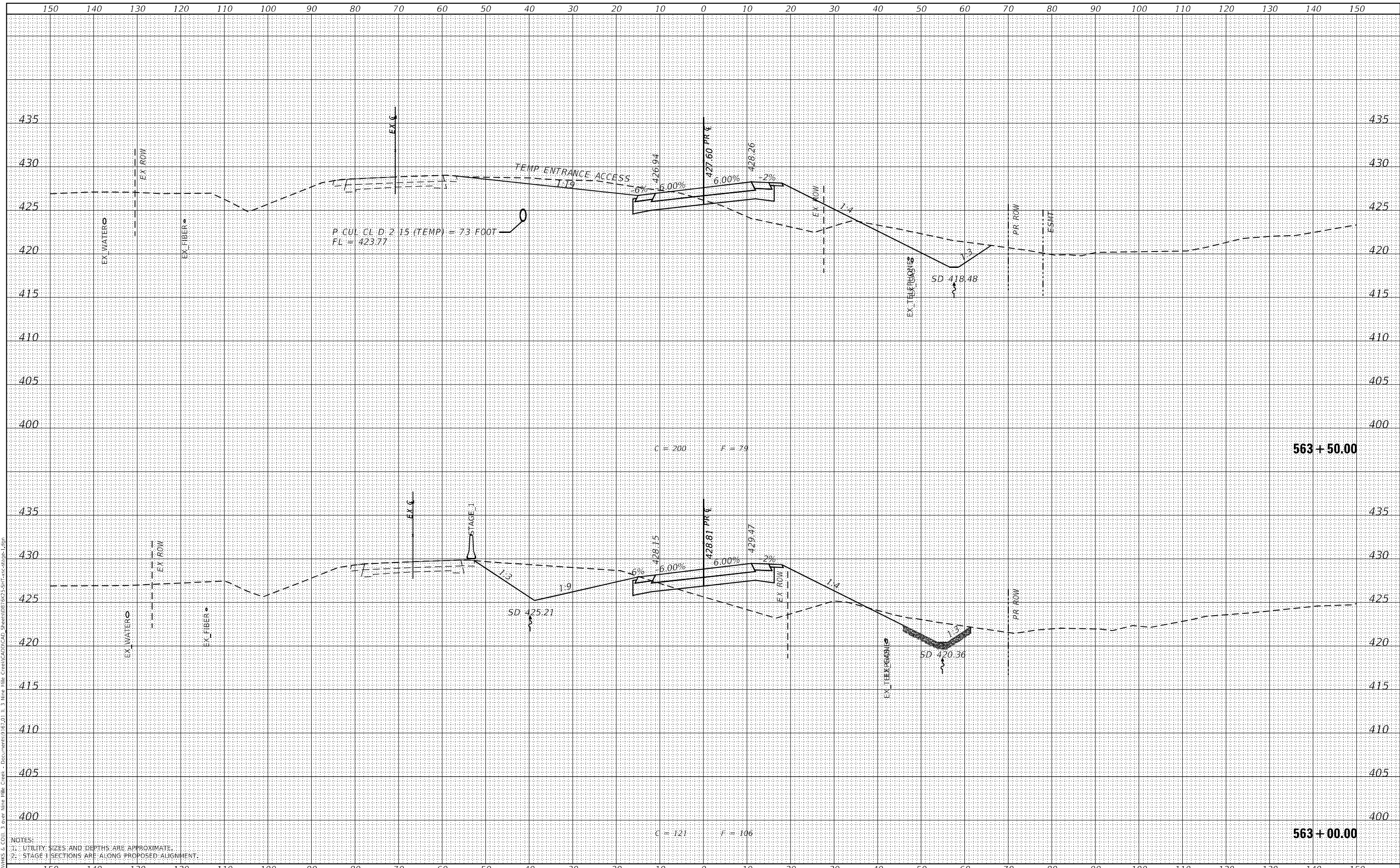
CROSS SECTIONS - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 12 OF 55 SHEETS
 STA. 562+07.74 TO STA. 562+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	185
			CONTRACT NO.76K25	
ILLINOIS FED. AID PROJECT				

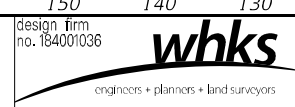
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BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
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REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

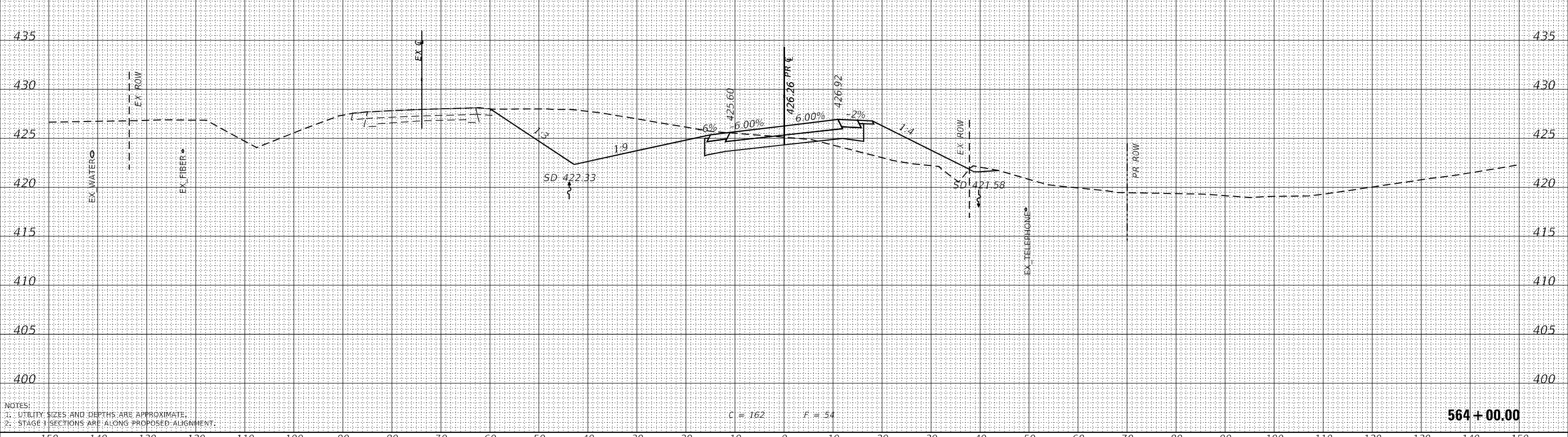
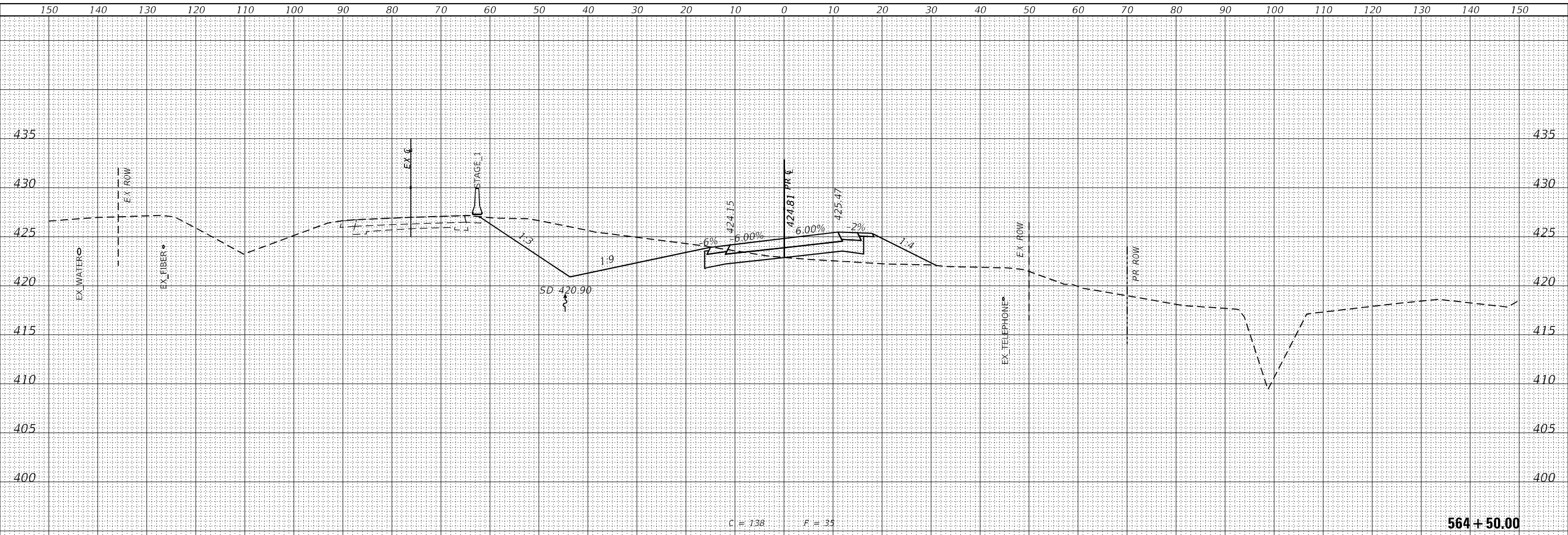
CROSS SECTIONS - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 13 OF 55 SHEETS
 STA. 563+00.00 TO STA. 563+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	186
				CONTRACT NO. 76K25
				ILLINOIS FED. AID PROJECT

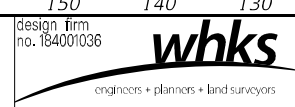
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BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

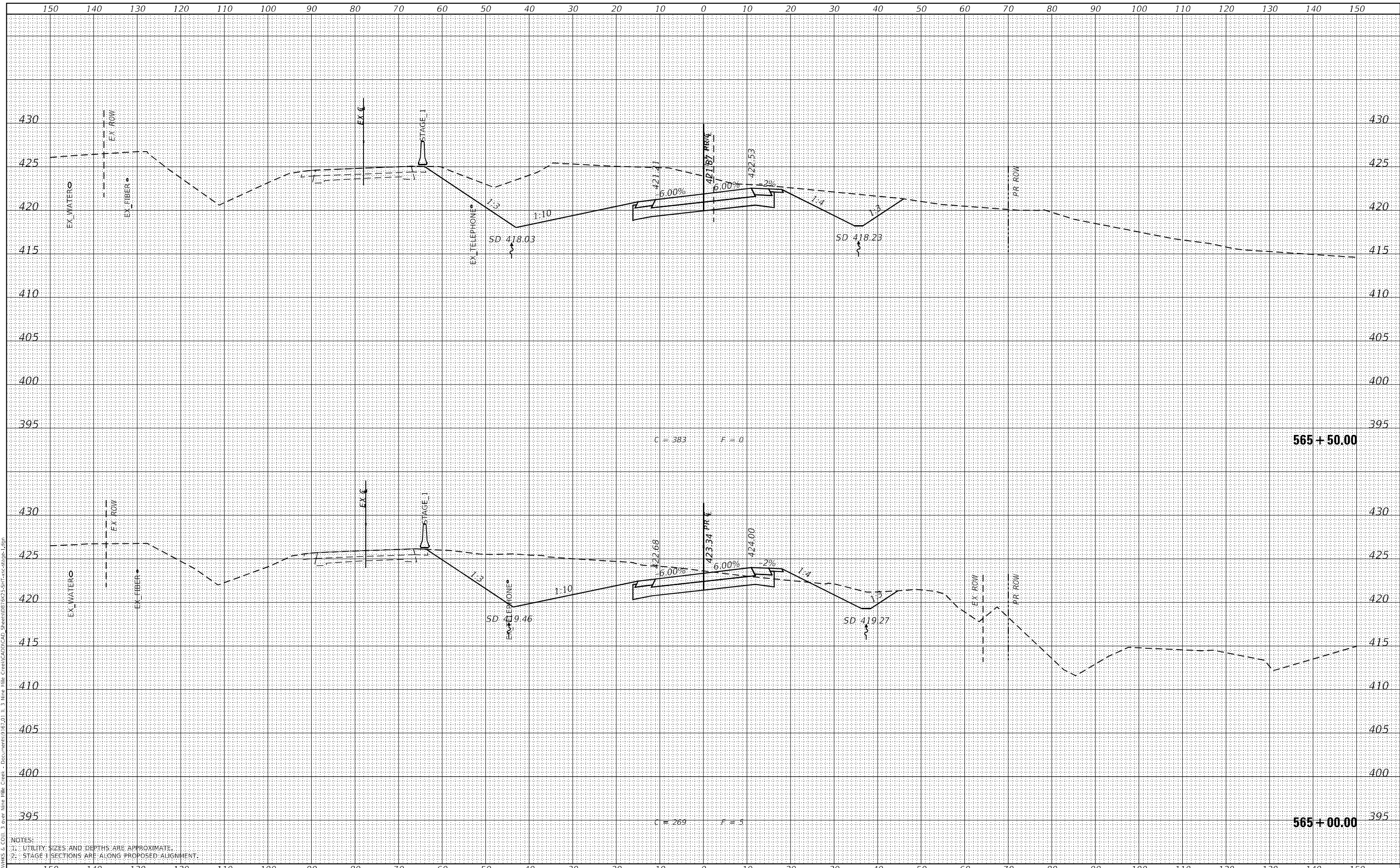
CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 14 OF 55 SHEETS
 STA. 564+00.00 TO STA. 564+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	187
				CONTRACT NO. 76K25
				ILLINOIS FED. AID PROJECT

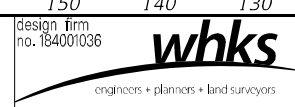
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BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	jones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

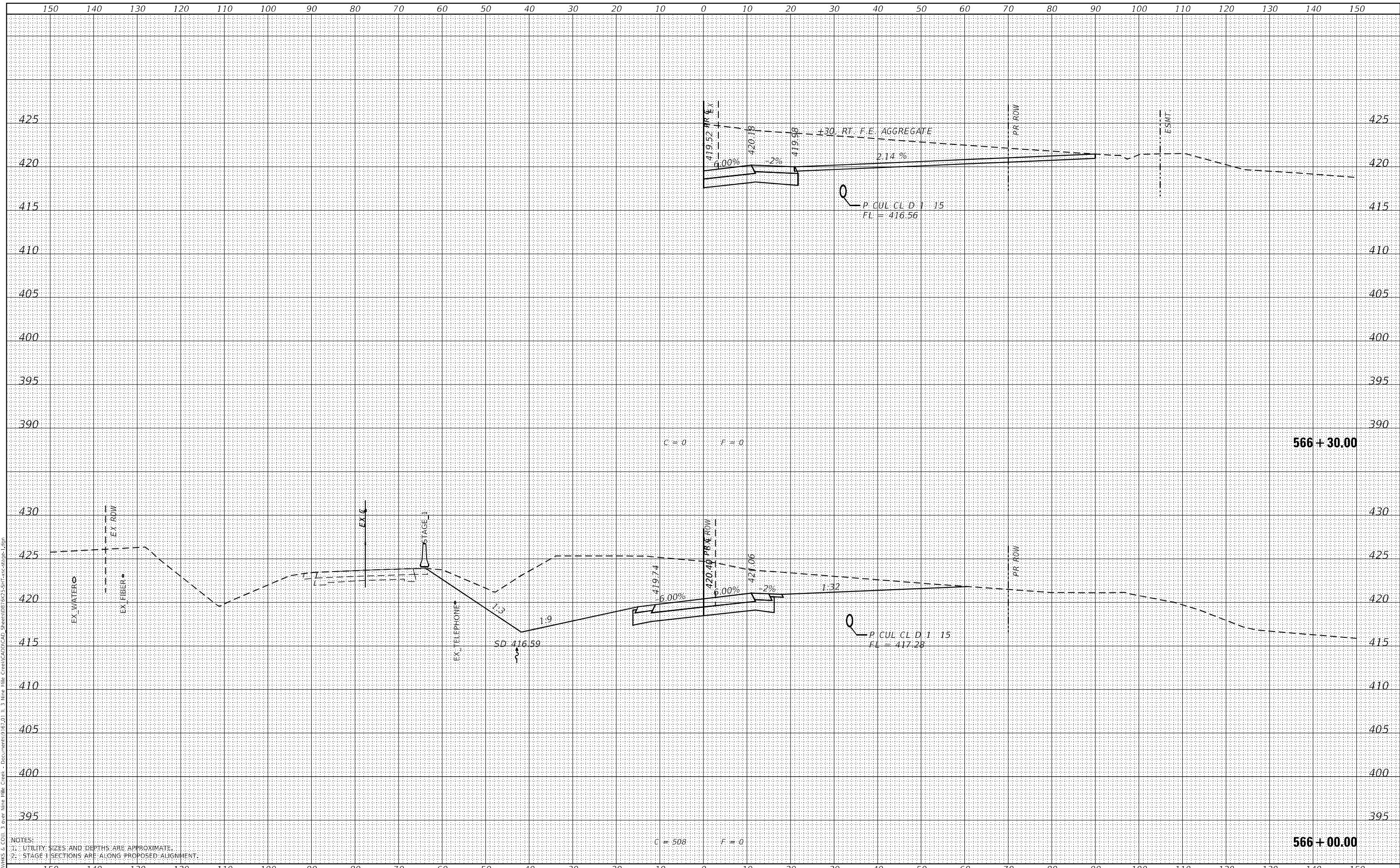
CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 15 OF 55 SHEETS
 STA. 565+00.00 TO STA. 565+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	188
			CONTRACT NO.76K25	
ILLINOIS FED. AID PROJECT				

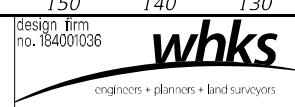
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NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE I SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**

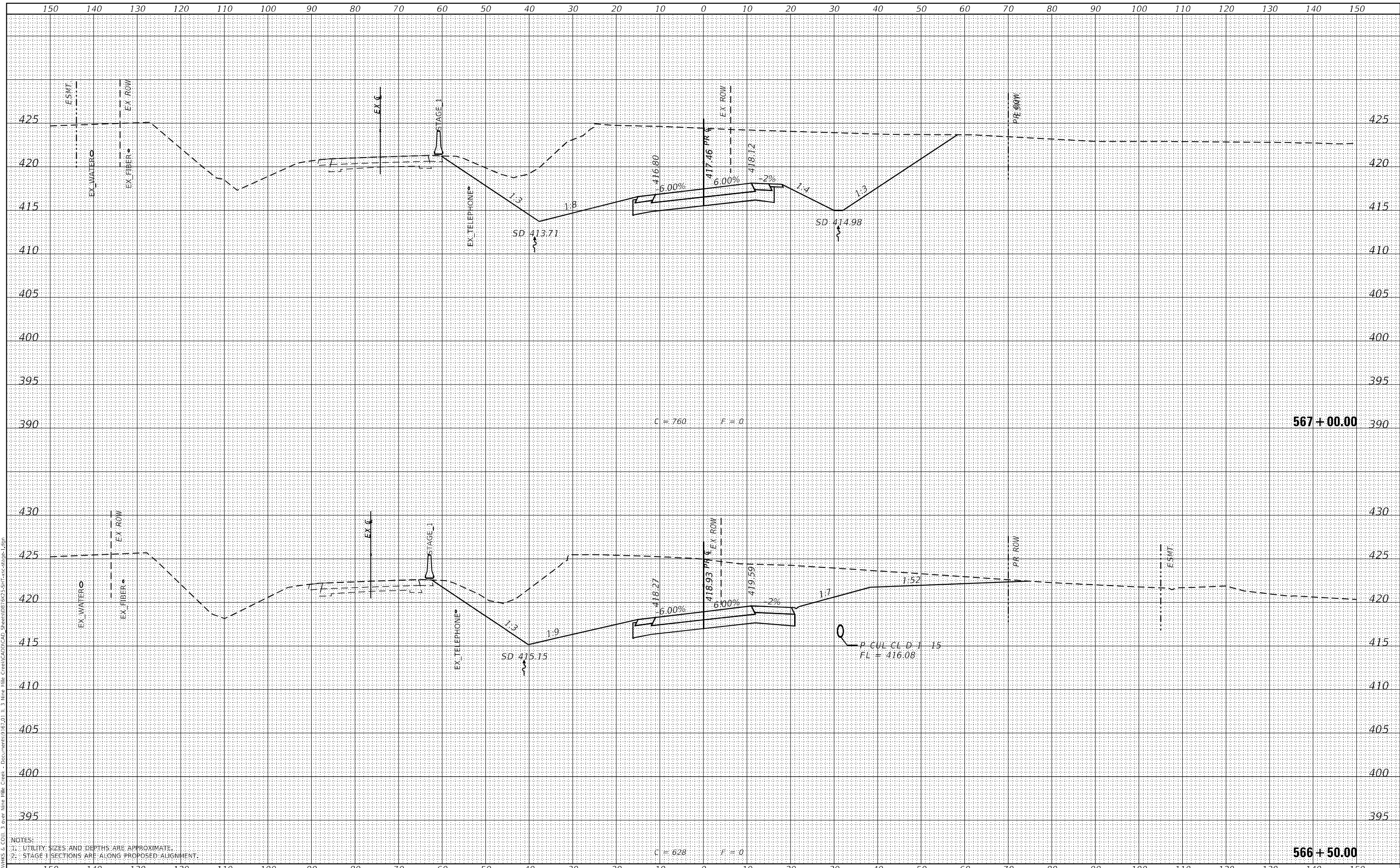
SCALE: 1" = 10'
 SHEET 16 OF 55 SHEETS
 STA. 566+00.00 TO STA. 566+30.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	189
			CONTRACT NO. 76K25	
ILLINOIS FED. AID PROJECT				

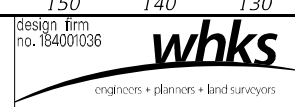
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BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

MODEL: Definit
 FILE NAME: C:\P\WORKS & COLL 3 over Nine Mile Creek - Documents\072011\3 Mile Nine Mile Creek\CAD\CAD Sheets\072011-3 Mile Nine Mile Creek.dgn



NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= tjones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

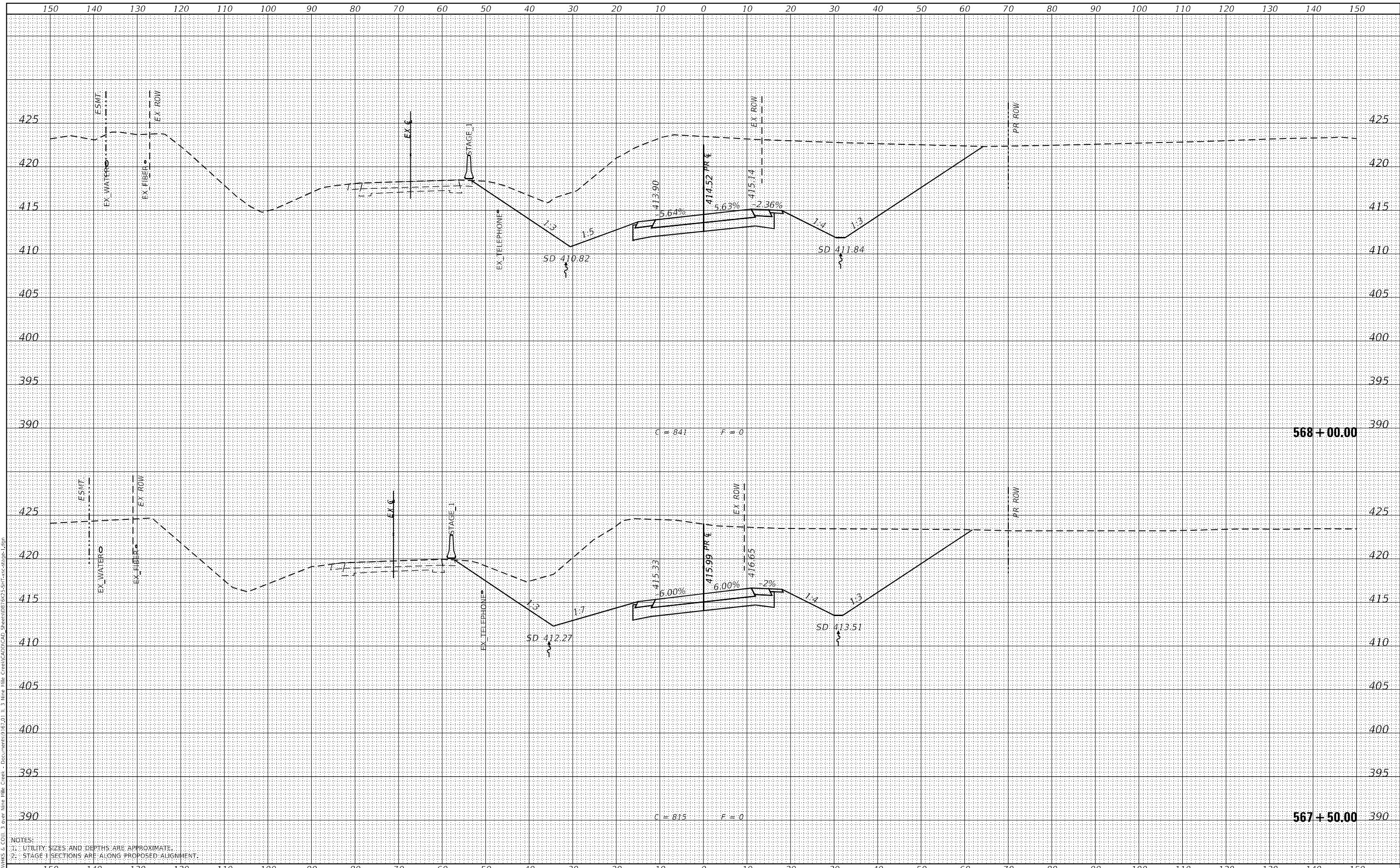
**CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 17 OF 55 SHEETS
 STA. 566+50.00 TO STA. 567+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	190
			CONTRACT NO. 76K25	
			ILLINOIS FED. AID PROJECT	

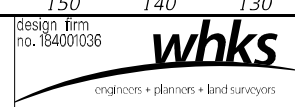
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BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= jones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

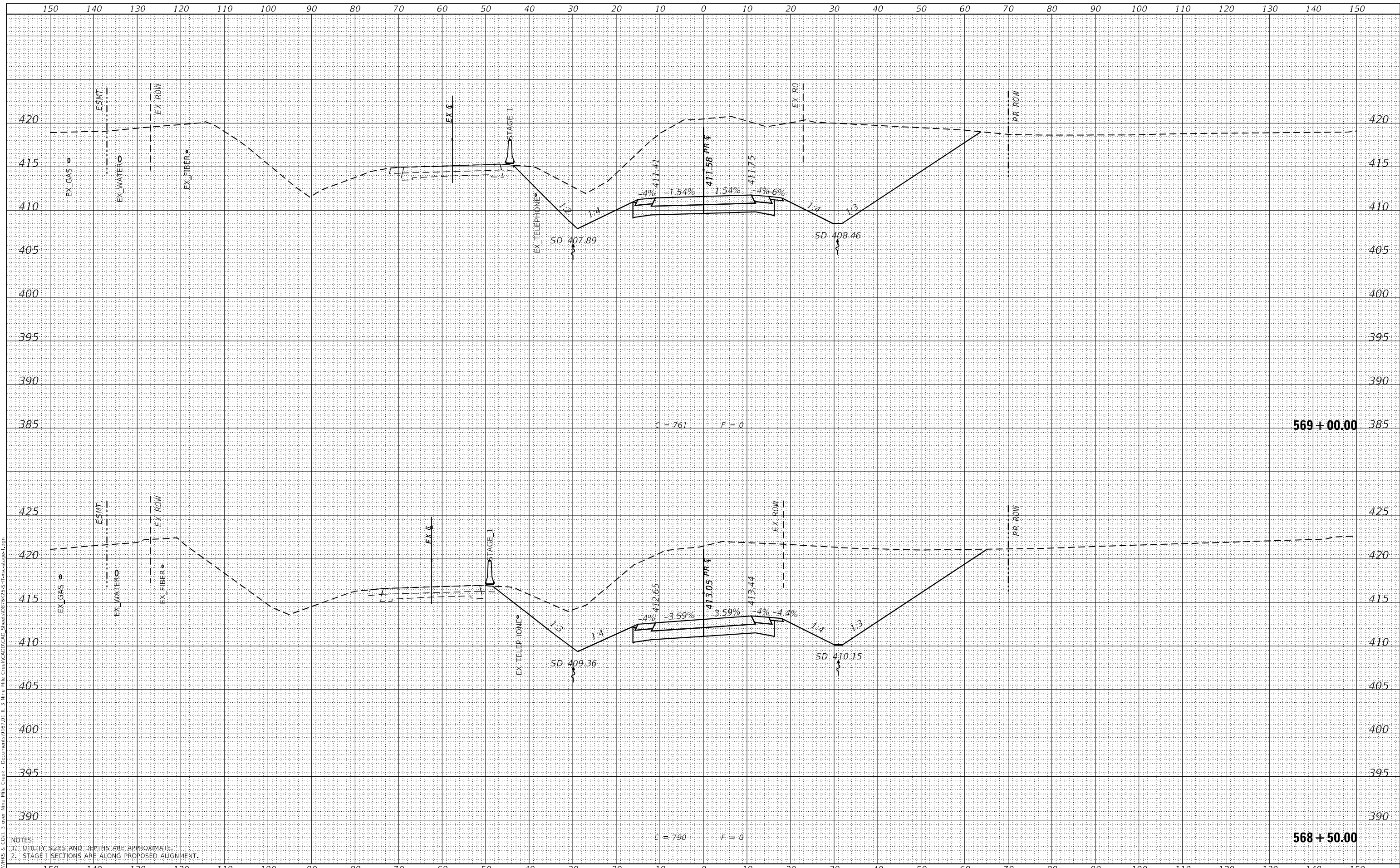
**CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 18 OF 55 SHEETS
 STA. 567+50.00 TO STA. 568+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	191
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

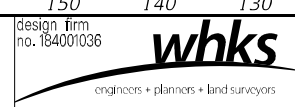
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BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

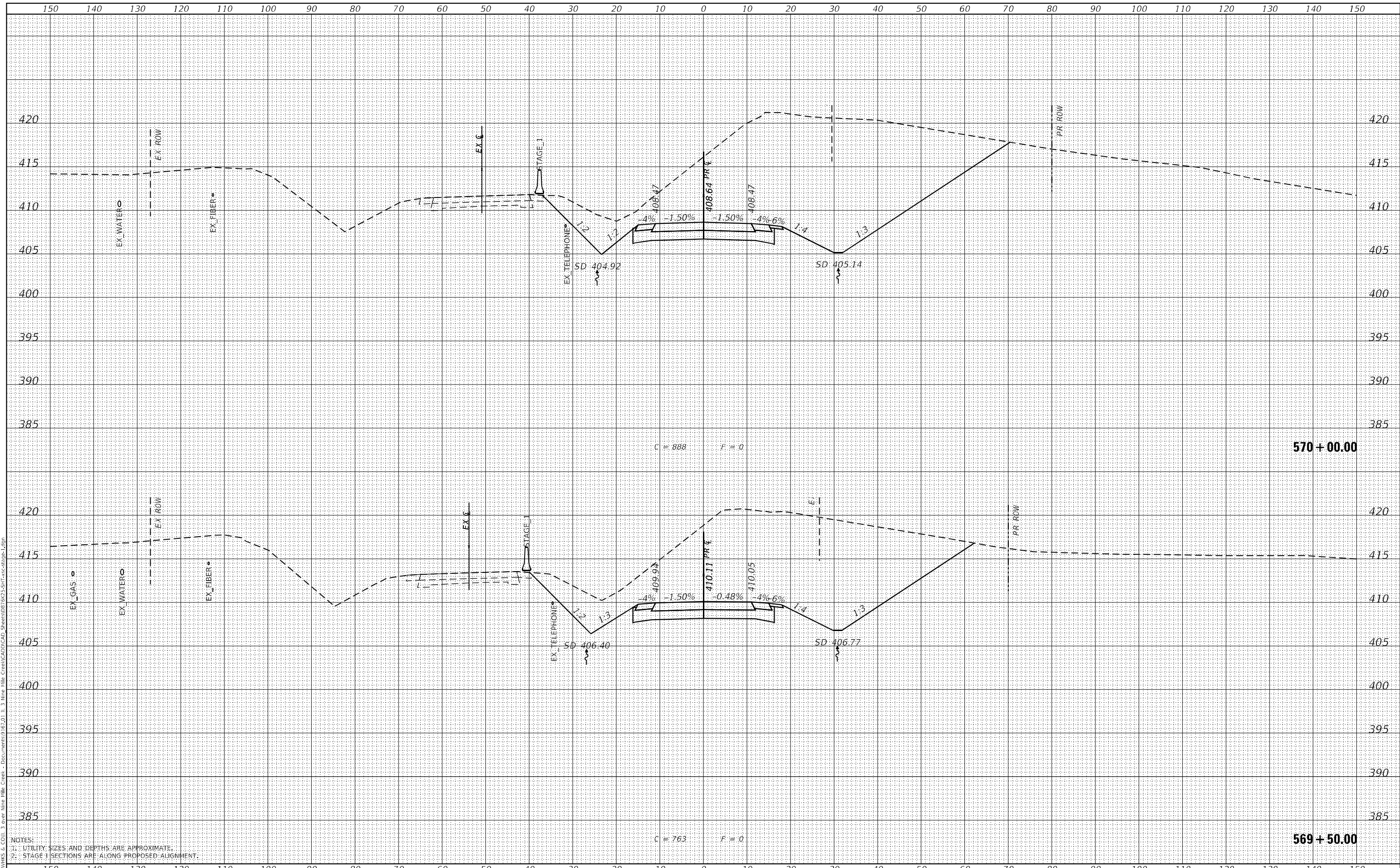
**CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 19 OF 55 SHEETS
 STA. 568+50.00 TO STA. 569+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	192
			CONTRACT NO.76K25	
ILLINOIS			FED. AID PROJECT	

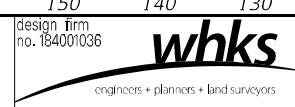
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK

SCALE: 1" = 10'

SHEET 20 OF 55 SHEETS

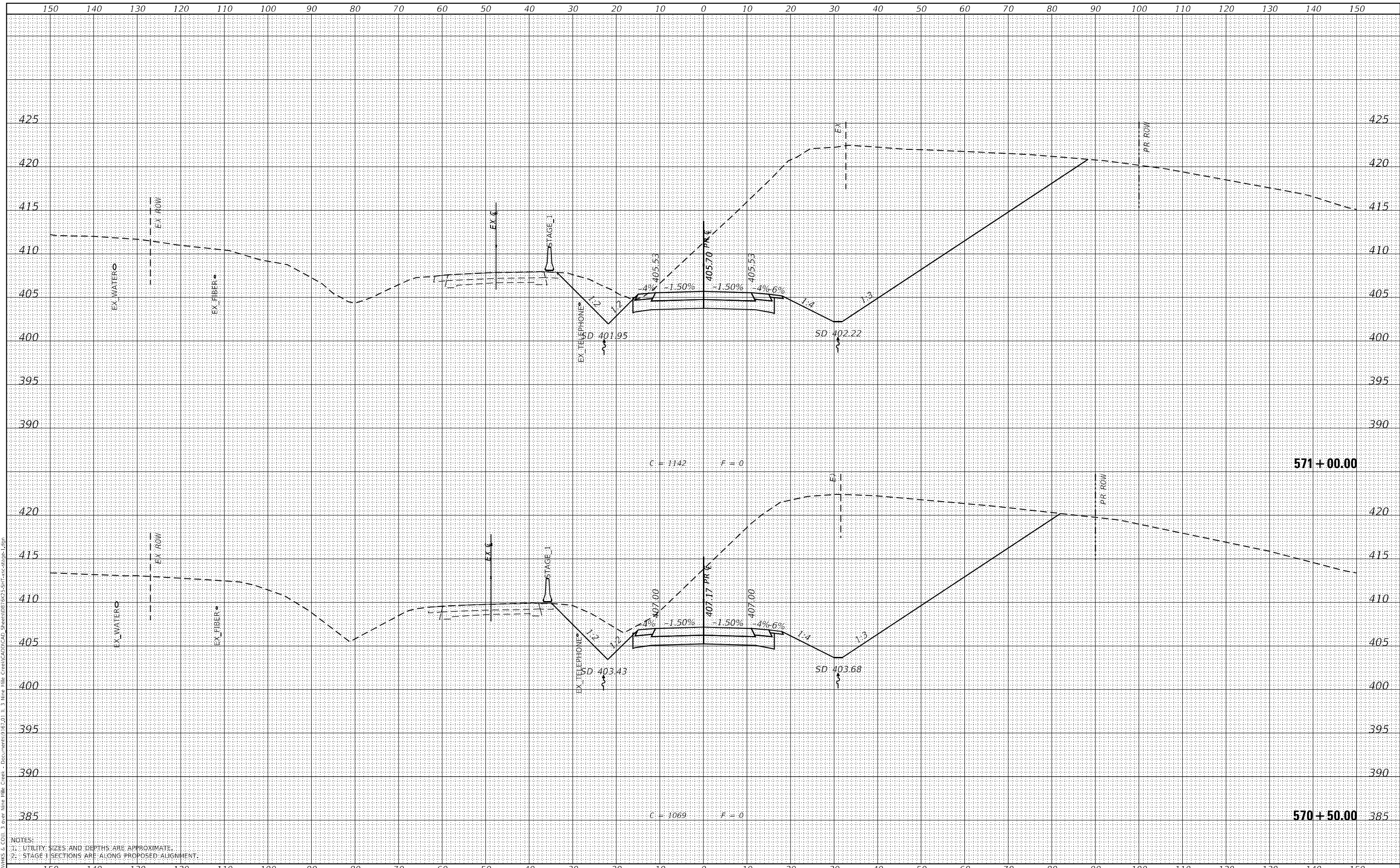
STA. 569+50.00 TO STA. 570+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	193
				CONTRACT NO.76K25
				ILLINOIS FED. AID PROJECT

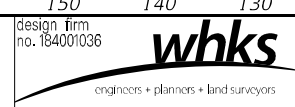
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BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
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REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

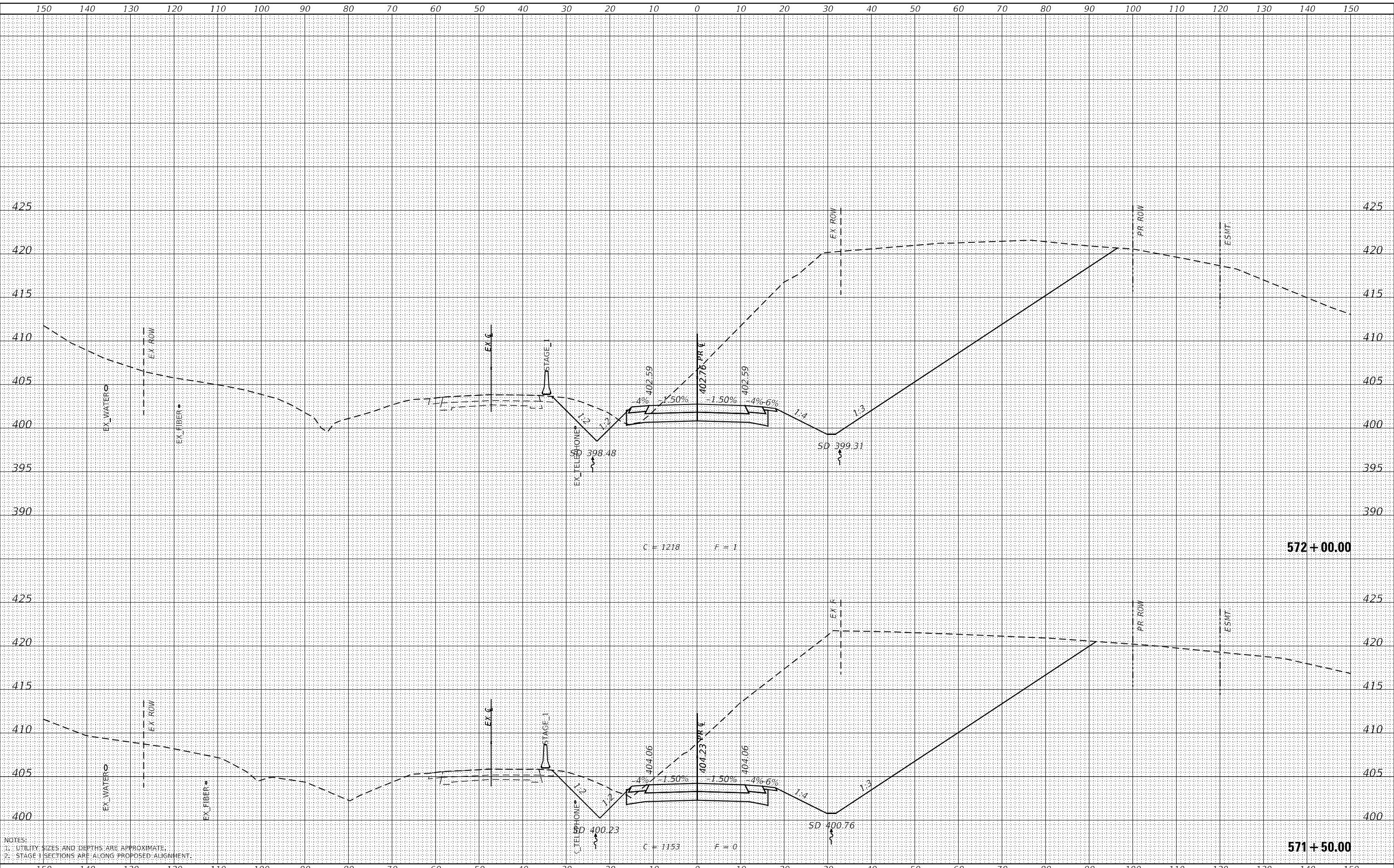
**CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 21 OF 55 SHEETS
 STA. 570+50.00 TO STA. 571+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	194
				CONTRACT NO.76K25
				ILLINOIS FED. AID PROJECT

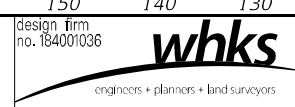
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NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME = ljones	DESIGNED - LNJ	REVISD -
	DRAWN - LNJ	REVISD -
PLOT SCALE = 240,0000' / ft.	CHECKED - RKA	REVISD -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

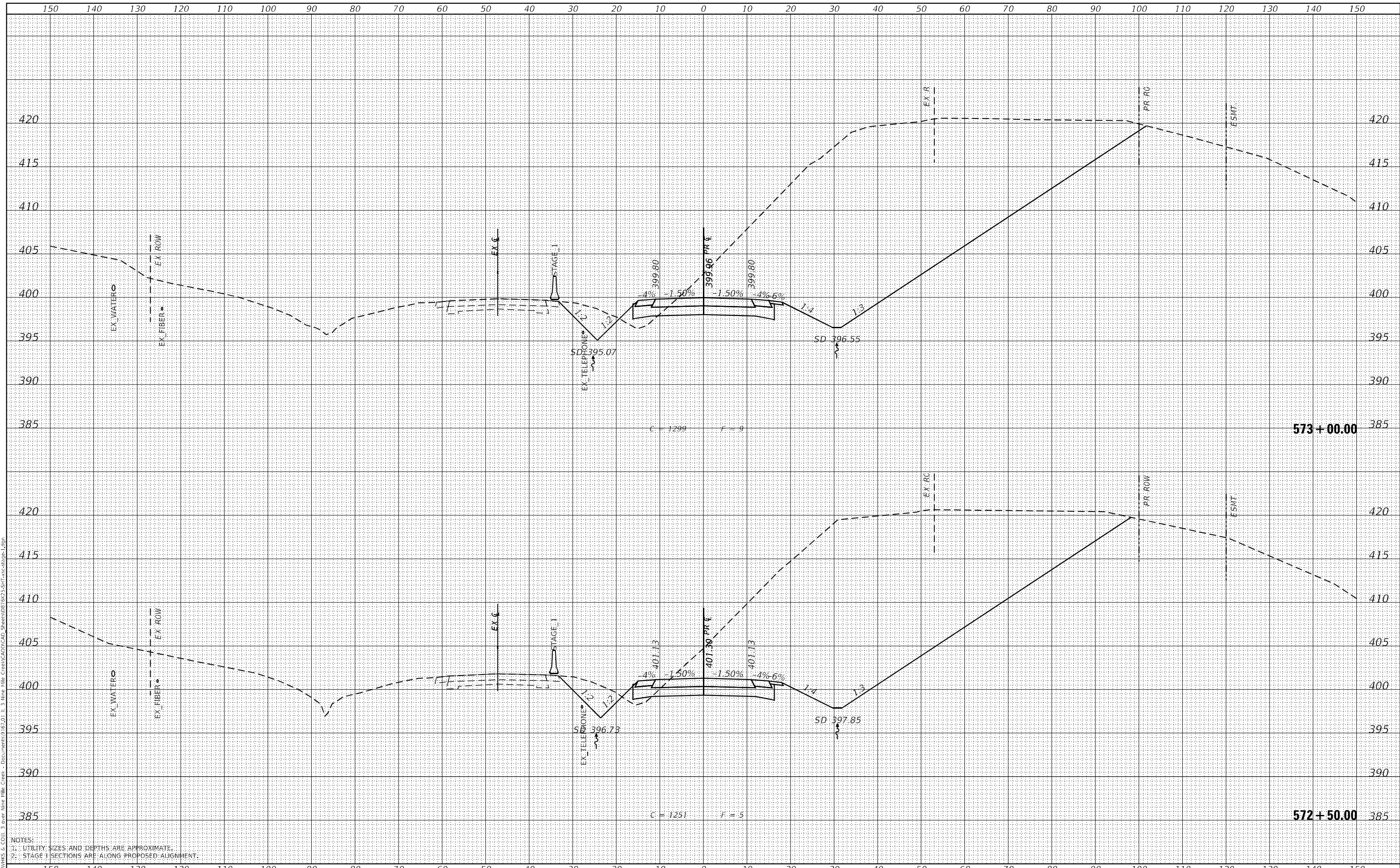
**CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10'
 SHEET 22 OF 55 SHEETS
 STA. 571+50.00 TO STA. 572+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 195
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

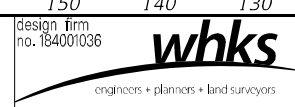
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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

MODEL: Definit
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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME	= ljones
DESIGNED	- LNJ
DRAWN	- LNJ
CHECKED	- RKA
DATE	- 3/14/2022

REVISED	-
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REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

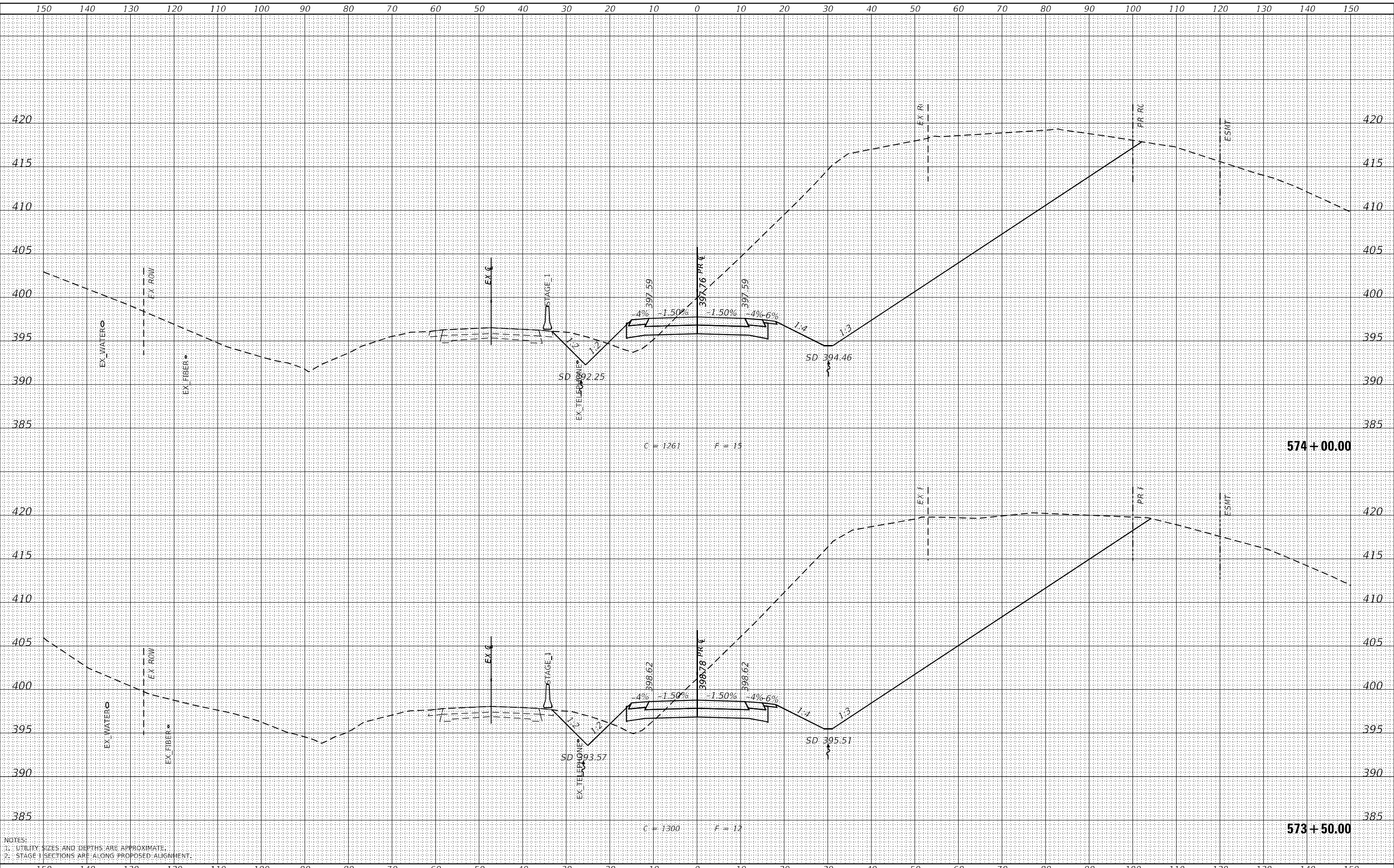
CROSS SECTIONS - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 23 OF 55 SHEETS
 STA. 572+50.00 TO STA. 573+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	196
				CONTRACT NO. 76K25
ILLINOIS FED. AID PROJECT				

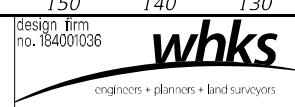
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NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME = tjones	DESIGNED - LNJ	REVISD -
	DRAWN - LNJ	REVISD -
PLOT SCALE = 240,000' / ft.	CHECKED - RKA	REVISD -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

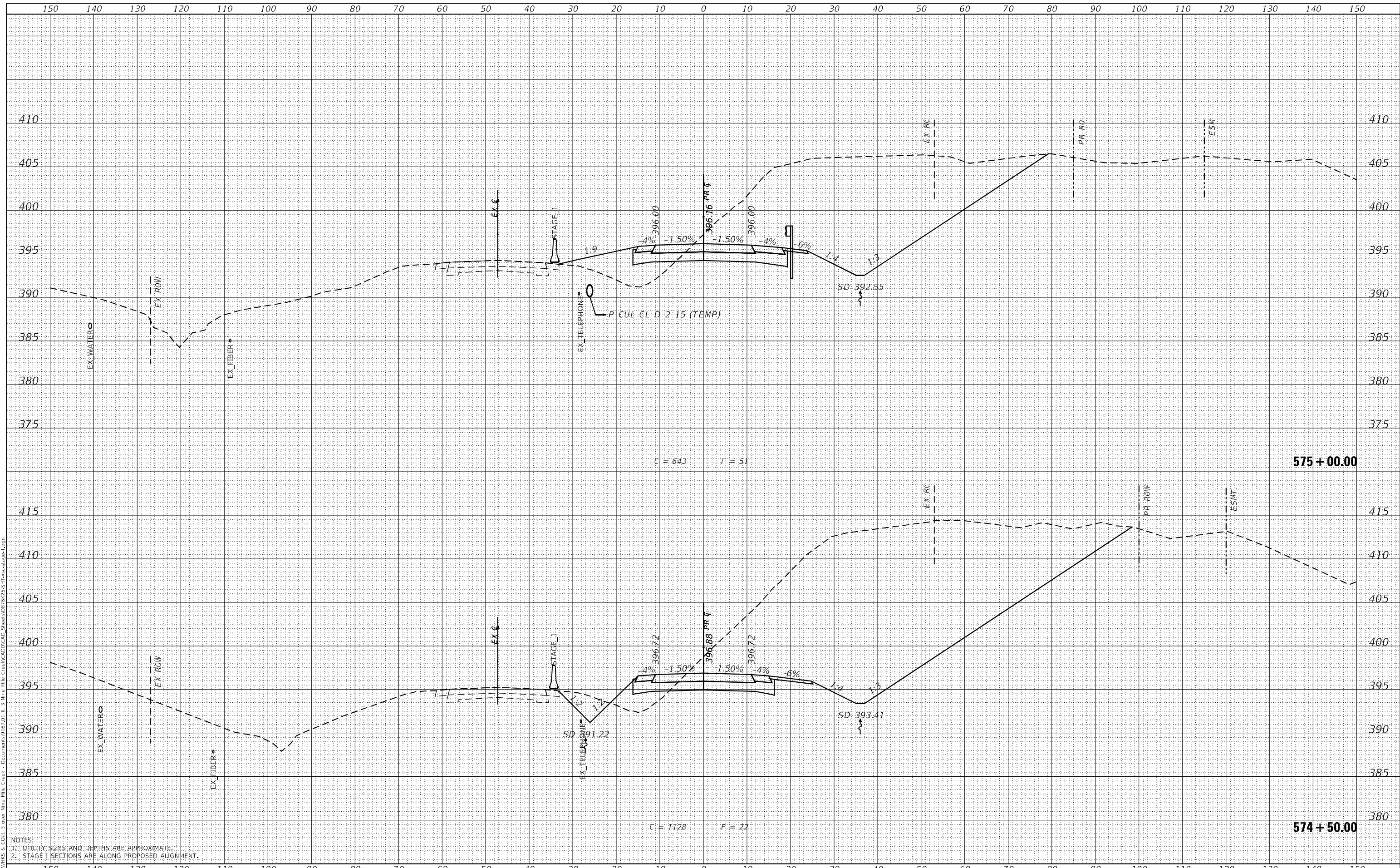
CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 24 OF 55 SHEETS
 STA. 573+50.00 TO STA. 574+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 197
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

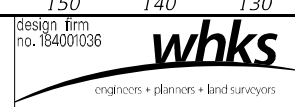
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NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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	AREAS CHECKED	

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

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REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

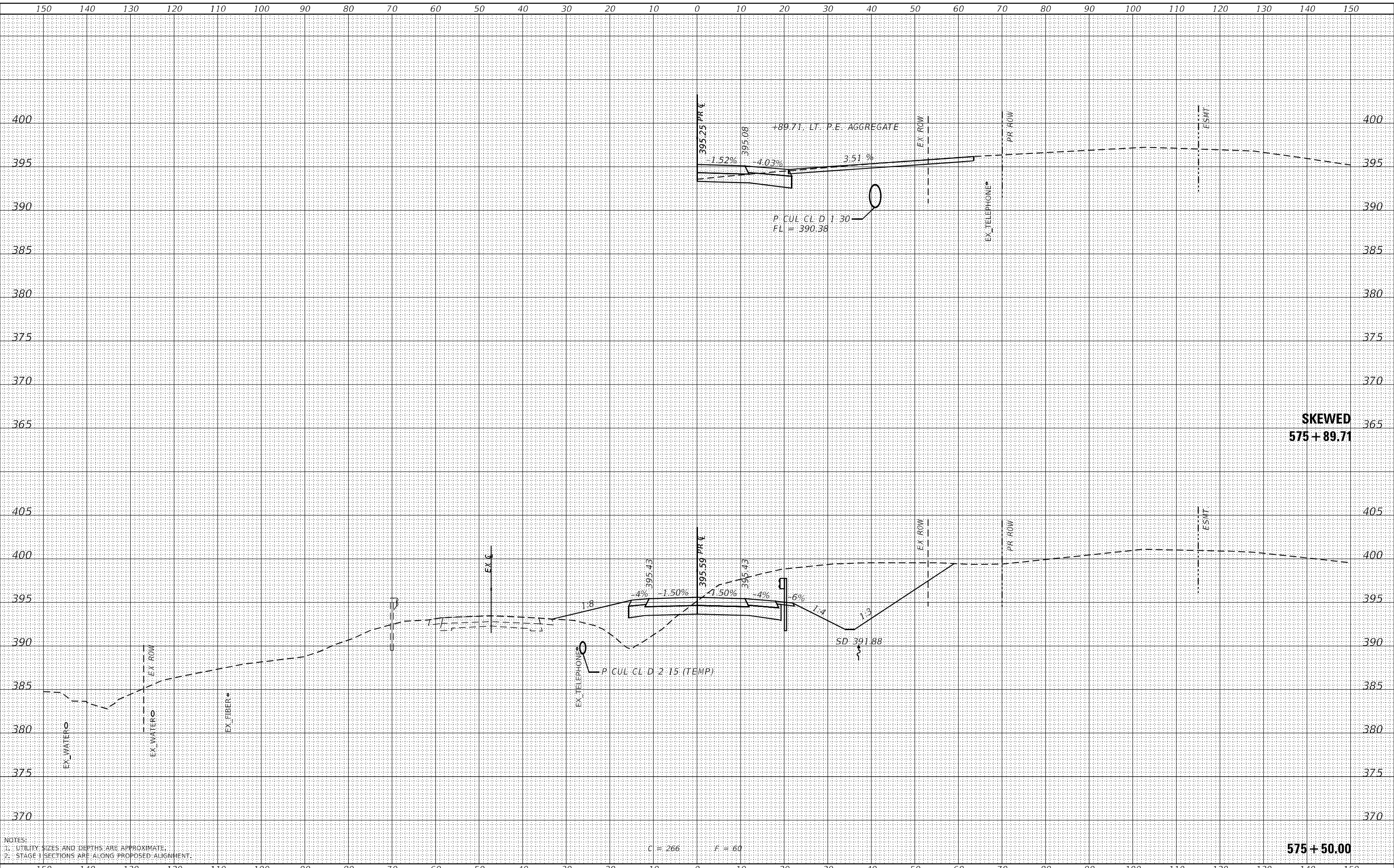
CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 25 OF 55 SHEETS
 STA. 574+50.00 TO STA. 575+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	198
			CONTRACT NO.76K25	
ILLINOIS FED. AID PROJECT				

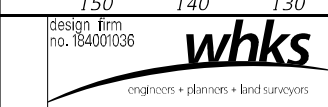
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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

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NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	ljones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
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REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 26 OF 55 SHEETS
 STA. 575+50.00 TO STA. 575+89.71

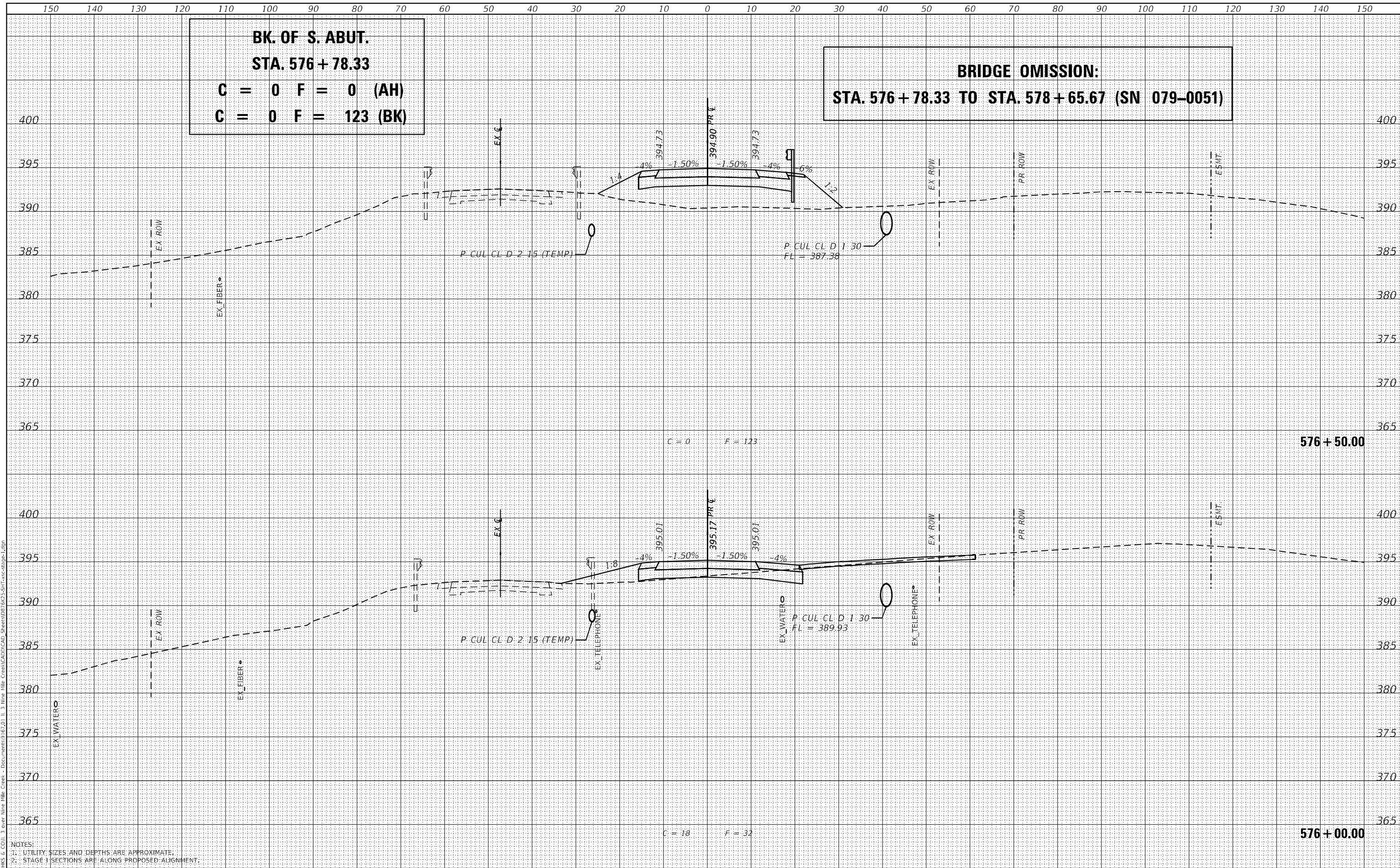
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	199
				CONTRACT NO.76K25
				ILLINOIS FED. AID PROJECT

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

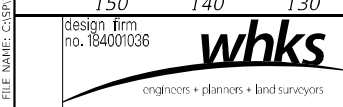
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

BK. OF S. ABUT.
STA. 576 + 78.33
C = 0 F = 0 (AH)
C = 0 F = 123 (BK)

BRIDGE OMISSION:
STA. 576 + 78.33 TO STA. 578 + 65.67 (SN 079-0051)



NOTES:
 1. UTILITY SIZES AND DEPTHS ARE APPROXIMATE.
 2. STAGE 1 SECTIONS ARE ALONG PROPOSED ALIGNMENT.



USER NAME =	jones
DESIGNED -	LNJ
DRAWN -	LNJ
CHECKED -	RKA
DATE -	3/14/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10'
 SHEET 27 OF 55 SHEETS
 STA. 576+00.00 TO STA. 576+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	200
			CONTRACT NO. 76K25	
ILLINOIS FED. AID PROJECT				

MODEL: Definit
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