

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

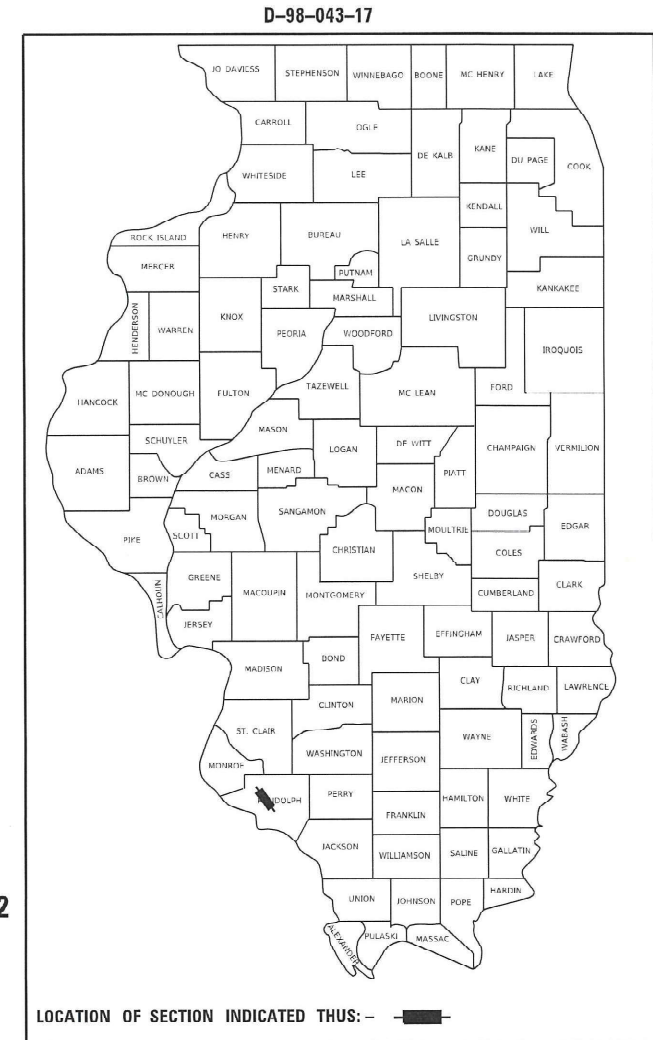
FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

**PROPOSED
HIGHWAY PLANS**

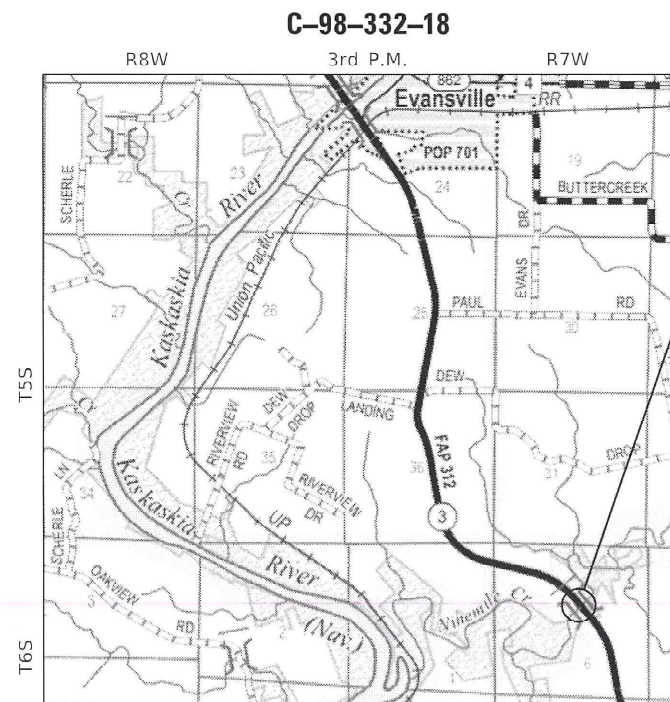
FAP ROUTE 312 (IL 3)
SECTION 74BR-2
PROJECT NHPP-20T3(085)
BRIDGE REPLACEMENT
RANDOLPH COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	1
		ILLINOIS	CONTRACT NO. 76K25	



**BRIDGE REPLACEMENT
OVER NINE MILE CREEK
STA. 577 + 72.00
S.N. 079-0051
SECTION BEGINS STA 546 + 82
SECTION ENDS STA 608 + 74**

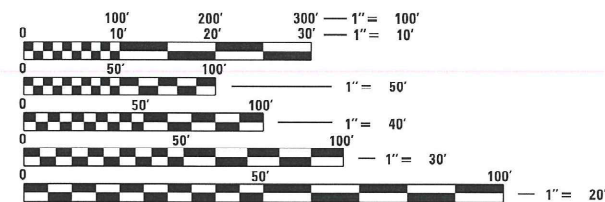
**IL ROUTE 3
OTHER PRINCIPAL ARTERIAL
ADT: 2600 (2019) 3100 (2042)
SU: 4.6% (2019)
MU: 8.2% (2019)**



LOCATION MAP SCALE

LOCATION MAP

GROSS LENGTH = 6192.00 FT. = 1.173 MILE
NET LENGTH = 6192.00 FT. = 1.173 MILE



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

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



PROJECT ENGINEER: BILLIE OWEN (618) 346-3209

CONTRACT NO. 76K25



Richard K. Allender III
Expires: 11/30/2023
3-14-2022

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *Luke DA 20 22*
Kirk Brown
REGIONAL ENGINEER

October 14, 2022
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

October 14, 2022
Stephen M. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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Operator: Junes MODEL: Default FILE NAME: C:\SP\WHKS & COIL_3 over Nine Mile Creek - Documents\9167.01.1.3 Nine Mile Creek\CADD\CAD Sheets\085-SHT-cover-001.dgn Date: 6/6/2022

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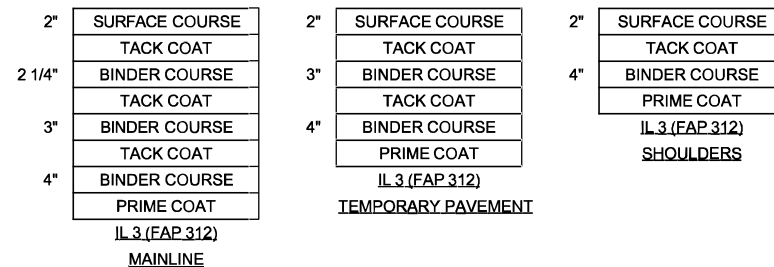
HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
420001-10	PAVEMENT JOINTS
420101-07	24' (7.2 M) JOINTED PCC PAVEMENT
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
483001-06	PCC SHOULDER
515001-04	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542411	SLOPED METAL END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 60" (1500 MM) DIAMETER
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
602402-03	PRECAST MANHOLE, TYPE A, 5' (1.52 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604036-03	GRATE, TYPE 8
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-17	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
666001-01	RIGHT-OF-WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701331-05	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS > 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720021-03	SIGN PANELS, EXTRUDED ALUMINUM TYPE
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS

MIX DESIGN INFORMATION

LOCATION:	IL 3 (FAP 312)					
BID:	ALT A	ALT A	BASE	ALT A	ALT A	ALT B
MIXTURE USE(S):	HMA SURFACE	HMA BINDER	TEMPORARY PAVEMENT	HMA SHOULDER (LOWER LIFT)	HMA SHOULDER (SURFACE LIFT)	STABILIZED SUBBASE HMA
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N30	4.0% @ N30	4.0% @ N70
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 19.0	IL 19.0L	IL 9.5L	IL 19.0L
FRICITION AGGREGATE:	MIX "D"	MIX "B"	MIX "B"	-	-	
MTD:	YES	YES	YES	NO	NO	NO
QUALITY MANAGEMENT	QCP	QCP	QC/QA	QC/QA	QC/QA	QC/QA

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS). ANY QCP PAY ITEM THAT HAS A QUANTITY OF 1600 TONS OR LESS WILL HAVE TWO SUBLOTS EACH OF WHICH WILL BE HALF OF THE PLAN QUANTITY OR HALF OF THE ADJUSTED QUANTITY BY THE RESIDENT ENGINEER/TECHNICIAN.



REV. - MS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS AND HIGHWAY STANDARDS
IL 3 /FAP 312 OVER NINE MILE CREEK**

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

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

GENERAL NOTES

1. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
2. ALL ELEVATIONS ARE BASED ON NAVD 88-DATUM.
3. WHERE PERMANENT SURVEY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
4. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
TELEPHONE AND FIBER OPTIC - VERIZON
WATER - ELLIS GROVE
ELECTRIC AND GAS - AMEREN
5. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AS EXTRA WORK ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
6. THE FOLLOWING APPLICATION RATES HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:
TEMPORARY EROSION CONTROL SEEDING: 100 LB/ACRE
AGGREGATE BASE COURSE: 2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT): 0.25 LB/SQ FT
BITUMINOUS MATERIALS (TACK): 0.025 LB/SQ FT
RIPRAP: 1.50 TONS/CU YD
HOT-MIX ASPHALT: 112 LBS/SQ YD/IN
7. DISTURBED AREAS SHALL RECEIVE PERMANENT STABILIZATION WITHIN 7 DAYS OF COMPLETION OF CONSTRUCTION ACTIVITIES. TEMPORARY STABILIZATION OF WORK AREAS IS REQUIRED FOR ALL AREAS REMAINING UNDISTURBED FOR 14 DAYS, UNLESS WORK RESUMES PRIOR TO 21 DAYS. TEMPORARY STABILIZATION MUST BE APPROVED BY THE ENGINEER.
8. THE DISTRICT LAND ACQUISITION SECTION SHALL BE CONTACTED IF DIFFERENCES ARE IDENTIFIED BETWEEN ANY PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE ENGINEERING PLAN SHEETS AS COMPARED TO THE SAME PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE PLAT OF HIGHWAYS. QUESTIONS OR CONCERNS REGARDING THESE ITEMS SHOULD BE DIRECTED TO CLINT MARSHALL AT (618) 346-3124.
9. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE ROADWAY PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
10. ANY MONUMENT OR PROPERTY CORNER TO BE SET SHALL BE SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES - SURVEYING".
11. THE RIGHT-OF-WAY OR PROPERTY CORNER IS MONUMENTED WITH A 5/8" IRON ROD, THIRTY INCHES (30") IN LENGTH, WITH AN IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT-OF-WAY MARKER. THE RIGHT-OF-WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT-OF-WAY BOUNDARY. THE RIGHT-OF-WAY MARKER SHALL BE A WITNESS TO THE MONUMENT.

COMMITMENTS

1. TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED BETWEEN APRIL 1 AND SEPTEMBER 30 OF ANY YEAR.
2. THE PRIVATE ENTRANCE TO PARCEL 8801025 AT APPROXIMATE STA 575+90 (RT) SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS. THE ASPHALT OR CONCRETE PORTION OF THE ENTRANCE SHALL BE CONSTRUCTED ONE HALF AT A TIME TO MAINTAIN ACCESS. PLEASE CONTACT MR. DUFRENNE AT 618-317-5066 TO COORDINATE THE TIMING OF HIS ENTRANCE CONSTRUCTION.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND COMMITMENTS IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.	TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	3
CONTRACT NO.76K25				
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	ALTERNATE A TOTAL QTY (1+2)	ALTERNATE B TOTAL QTY (1+3)	CONSTRUCTION CODE		
					80% FED 20% STATE		
					BRIDGE	ALTERNATE A	ALTERNATE B
					0010 (1)	0010 (2)	0010 (3)
			SN 079-0051	RURAL	RURAL		
20100500	TREE REMOVAL, ACRES	ACRE	2.25	2.25	2.25		
20200100	EARTH EXCAVATION	CU YD	82802	83010		82802	83010
20300100	CHANNEL EXCAVATION	CU YD	1967	1967	1967		
20800150	TRENCH BACKFILL	CU YD	138.1	138.1	138.1		
25000200	SEEDING, CLASS 2	ACRE	12.25	12.25	12.25		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1086	1086	1086		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1086	1086	1086		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1086	1086	1086		
25100115	MULCH, METHOD 2	ACRE	2.5	2.5	2.5		
25100630	EROSION CONTROL BLANKET	SQ YD	63010	63010	63010		
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	827	827	827		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1749	1749	1749		
28000305	TEMPORARY DITCH CHECKS	FOOT	3116	3116	3116		
28000400	PERIMETER EROSION BARRIER	FOOT	12936	12936	12936		

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE:	SHEET 1	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	4
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	ALTERNATE A TOTAL QTY (1+2)	ALTERNATE B TOTAL QTY (1+3)	CONSTRUCTION CODE		
					80% FED 20% STATE		
					BRIDGE	ALTERNATE A	ALTERNATE B
					0010 (1)	0010 (2)	0010 (3)
					SN 079-0051	RURAL	RURAL
28000500	INLET AND PIPE PROTECTION	EACH	15	15	15		
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	5553	5553	5553		
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	11937	11937	11937		
28100105	STONE RIPRAP, CLASS A3	SQ YD	3724	3724	3724		
28100109	STONE RIPRAP, CLASS A5	SQ YD	1353	1353	1353		
28200200	FILTER FABRIC	SQ YD	6833	6833	6833		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	19595	19595	19595		
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	0	12188			12188
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	422	422	422		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	247	247	247		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	43432	9468		43432	9468
40600370	LONGITUDINAL JOINT SEALANT	FOOT	8774	0		8774	
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	10115	1894		10115	1894
40701861	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"	SQ YD	4209	4209	4209		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE:	SHEET 2	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	5
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	ALTERNATE A TOTAL QTY (1+2)	ALTERNATE B TOTAL QTY (1+3)	CONSTRUCTION CODE		
					80% FED 20% STATE		
					BRIDGE	ALTERNATE A	ALTERNATE B
					0010 (1)	0010 (2)	0010 (3)
					SN 079-0051	RURAL	RURAL
40701906	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11 1/4"	SQ YD	10724	0		10724	
42000060	WELDED WIRE REINFORCEMENT	SQ YD	74	74	74		
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	120	120	120		
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	0	10724			10724
44000100	PAVEMENT REMOVAL	SQ YD	11113	11113	11113		
44000600	SIDEWALK REMOVAL	SQ FT	100	100	100		
44004250	PAVED SHOULDER REMOVAL	SQ YD	2993	2993	2993		
48100300	AGGREGATE SHOULDERS, TYPE A 4"	SQ YD	4102	4102	4102		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2199	0		2199	
48203033	HOT-MIX ASPHALT SHOULDERS, 9"	SQ YD	2172	0		2172	
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	0	4376			4376
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	1		
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1	1		
50105220	PIPE CULVERT REMOVAL	FOOT	668	668	668		

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**STATE OF ILLINOIS
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SUMMARY OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE:	SHEET 3	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	6
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	ALTERNATE A TOTAL QTY (1+2)	ALTERNATE B TOTAL QTY (1+3)	CONSTRUCTION CODE		
					80% FED 20% STATE		
					BRIDGE	ALTERNATE A	ALTERNATE B
					0010 (1)	0010 (2)	0010 (3)
			SN 079-0051	RURAL	RURAL		
50200100	STRUCTURE EXCAVATION	CU YD	174	174	174		
50200300	COFFERDAM EXCAVATION	CU YD	436	436	436		
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1	1	1		
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1	1	1		
50300225	CONCRETE STRUCTURES	CU YD	262.6	262.6	262.6		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	285.1	285.1	285.1		
50300260	BRIDGE DECK GROOVING	SQ YD	930	930	930		
50300300	PROTECTIVE COAT	SQ YD	1173	1173	1173		
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	105.9	105.9	105.9		
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1	1		
50500505	STUD SHEAR CONNECTORS	EACH	4428	4428	4428		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	132910	132910	132910		
51201710	FURNISHING STEEL PILES HP12X84	FOOT	1440	1440	1440		
51202305	DRIVING PILES	FOOT	1440	1440	1440		

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SUMMARY OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE:	SHEET 4	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	7
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	ALTERNATE A TOTAL QTY (1+2)	ALTERNATE B TOTAL QTY (1+3)	CONSTRUCTION CODE		
					80% FED 20% STATE		
					BRIDGE	ALTERNATE A	ALTERNATE B
					0010 (1)	0010 (2)	0010 (3)
			SN 079-0051	RURAL	RURAL		
* 6310085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	2		
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	3	3	3		
63200310	GUARDRAIL REMOVAL	FOOT	536	536	536		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	8083	8083	8083		
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	37	37	37		
66600205	REERECTING RIGHT OF WAY MARKERS	EACH	1	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18	18		
67100100	MOBILIZATION	L SUM	1	1	1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2066	2066	2066		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	689	689	689		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	54521	54521	54521		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4425	4425	4425		
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	585	585	585		

* SPECIALTY ITEM

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design firm
 no. 184001036

 engineers • planners • land surveyors

USER NAME = ljones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 1200,0000 ' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE:	SHEET 7	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	10
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	ALTERNATE A TOTAL QTY (1+2)	ALTERNATE B TOTAL QTY (1+3)	CONSTRUCTION CODE		
					80% FED 20% STATE		
					BRIDGE	ALTERNATE A	ALTERNATE B
					0010 (1)	0010 (2)	0010 (3)
			SN 079-0051	RURAL	RURAL		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	7088	7088	7088		
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	10	10	10		
70600352	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	15	15	15		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	18	18	18		
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5	5		
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	1		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6	6		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	30	30	30		
* 73000100	WOOD SIGN SUPPORT	FOOT	13	13	13		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23913	6367		23913	6367
* 78004620	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4"	FOOT	1109	18655		1109	18655
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	1109	18655		1109	18655
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	88	88	88		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8	8		

* SPECIALTY ITEM

REV. - MS

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

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

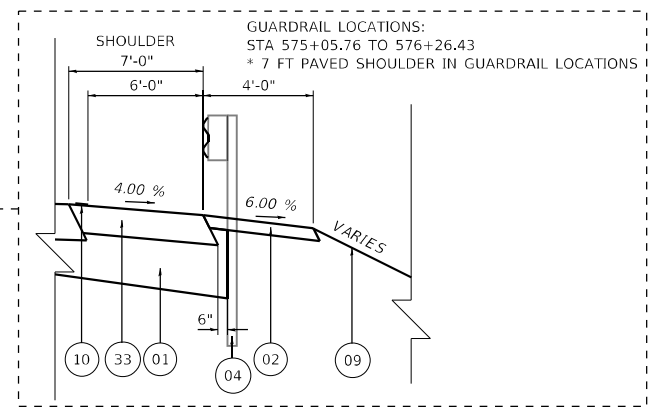
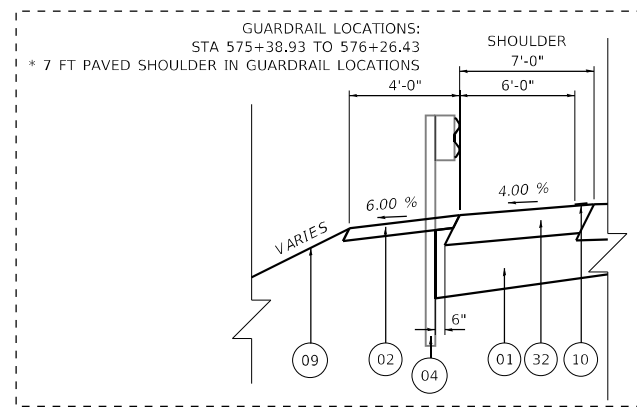
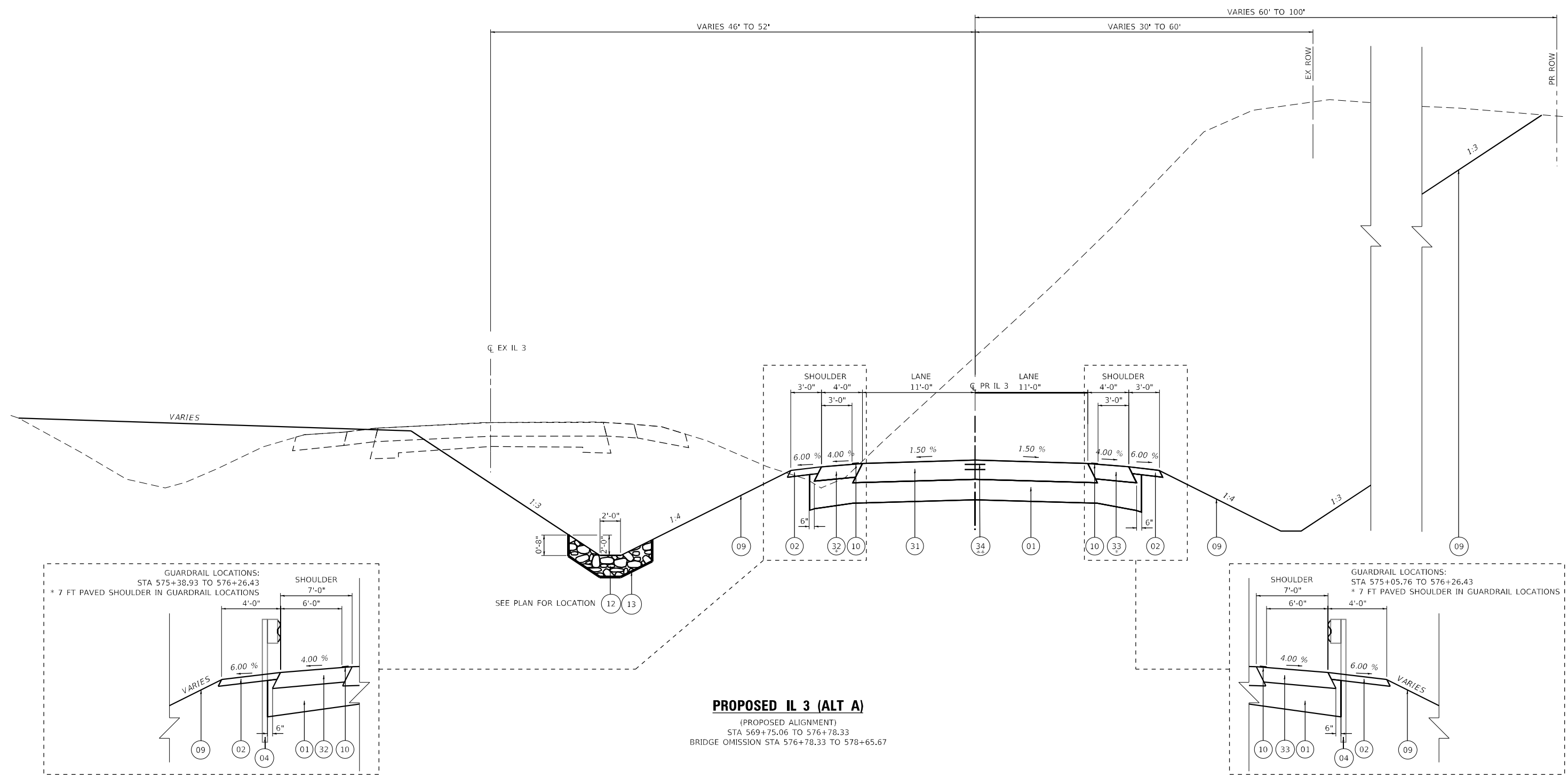
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	11
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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PROPOSED IL 3 (ALT A)
 (PROPOSED ALIGNMENT)
 STA 569+75.06 TO 576+78.33
 BRIDGE OMISSION STA 576+78.33 TO 578+65.67

LEGEND - EXISTING

- (A) EXISTING BITUMINOUS OVERLAY 8"
- (B) EXISTING PCC PAVEMENT 6"
- (C) EXISTING PCC WIDENING 9"
- (D) EXISTING HMA SHOULDER 8"
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL

LEGEND - PROPOSED

- (01) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (02) AGGREGATE SHOULDERS, TYPE A 4"
- (03) AGGREGATE SURFACE COURSE, TYPE B
- (04) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (05) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (06) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- (07) TRAFFIC BARRIER TERMINAL, TYPE 2
- (08) TRAFFIC BARRIER TERMINAL, TYPE 6

- (09) PROPOSED FINISHED GRADE
- (10) SHOULDER RUMBLE STRIPS, 8 INCH
- (11) STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
- (12) STONE RIPRAP, CLASS A3
- (13) FILTER FABRIC

LEGEND - PROPOSED (ALT A)

- (31) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11 1/4"
- (32) HOT-MIX ASPHALT SHOULDERS, 8"
- (33) HOT-MIX ASPHALT SHOULDERS, 9"
- (34) LONGITUDINAL JOINT SEALANT
 ** LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT.

LEGEND - PROPOSED (ALT B)

- (50) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (51) STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
- (52) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (53) TIE BAR

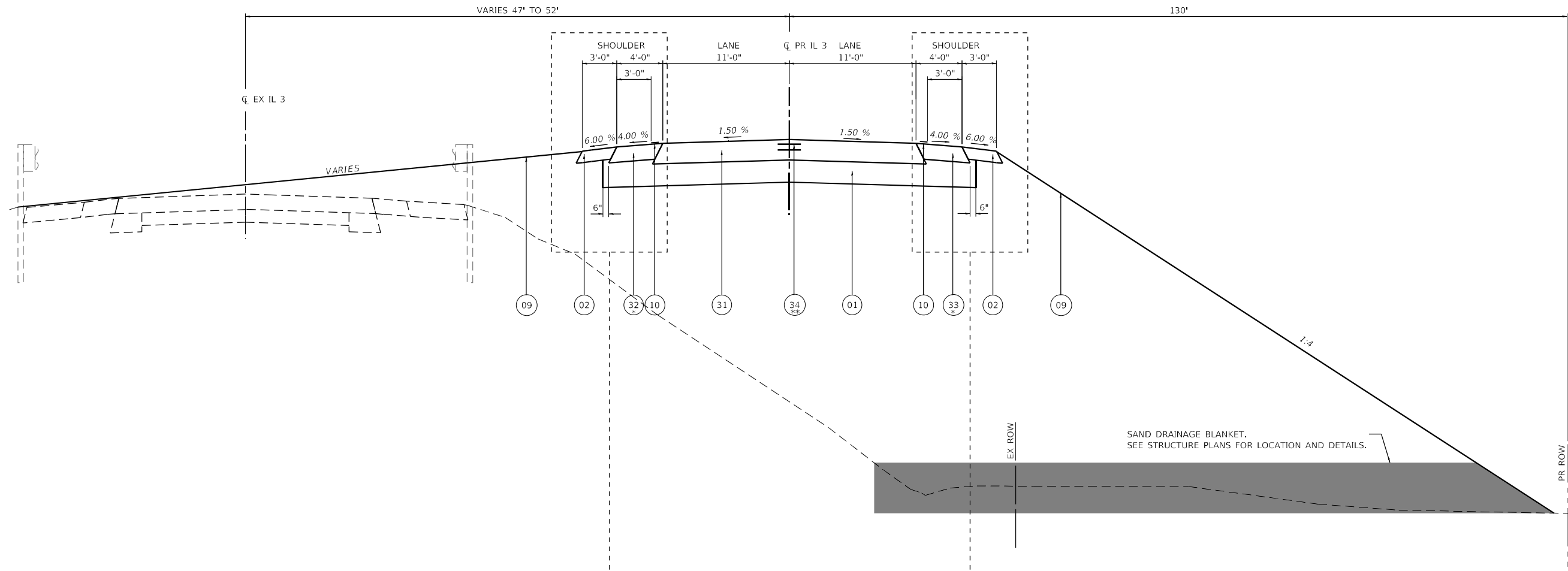


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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

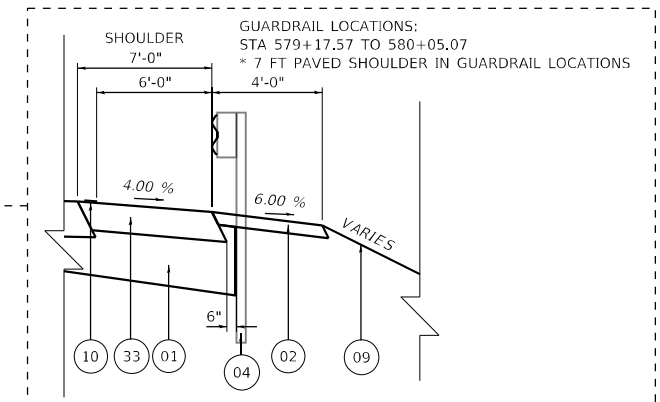
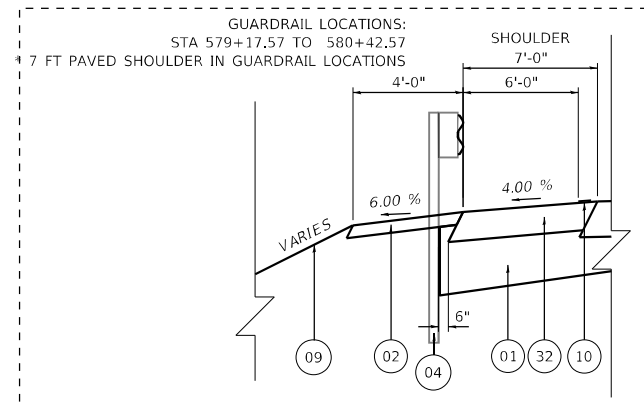
TYPICAL SECTIONS			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 10'	SHEET 3	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 16
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



PROPOSED IL 3 (ALT A)

(PROPOSED ALIGNMENT)
 BRIDGE OMISSION STA 576+78.33 TO 578+65.67
 STA 578+65.67 TO 582+05.06



LEGEND - EXISTING

- (A) EXISTING BITUMINOUS OVERLAY 8"
- (B) EXISTING PCC PAVEMENT 6"
- (C) EXISTING PCC WIDENING 9"
- (D) EXISTING HMA SHOULDER 8"
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL

LEGEND - PROPOSED

- (01) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (02) AGGREGATE SHOULDERS, TYPE A 4"
- (03) AGGREGATE SURFACE COURSE, TYPE B
- (04) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (05) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (06) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- (07) TRAFFIC BARRIER TERMINAL, TYPE 2
- (08) TRAFFIC BARRIER TERMINAL, TYPE 6

LEGEND - PROPOSED (ALT A)

- (09) PROPOSED FINISHED GRADE
- (10) SHOULDER RUMBLE STRIPS, 8 INCH
- (11) STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
- (12) STONE RIPRAP, CLASS A3
- (13) FILTER FABRIC
- (31) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11 1/4"
- (32) HOT-MIX ASPHALT SHOULDERS, 8"
- (33) HOT-MIX ASPHALT SHOULDERS, 9"
- (34) LONGITUDINAL JOINT SEALANT
 ** LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT.

LEGEND - PROPOSED (ALT B)

- (50) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (51) STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
- (52) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (53) TIE BAR

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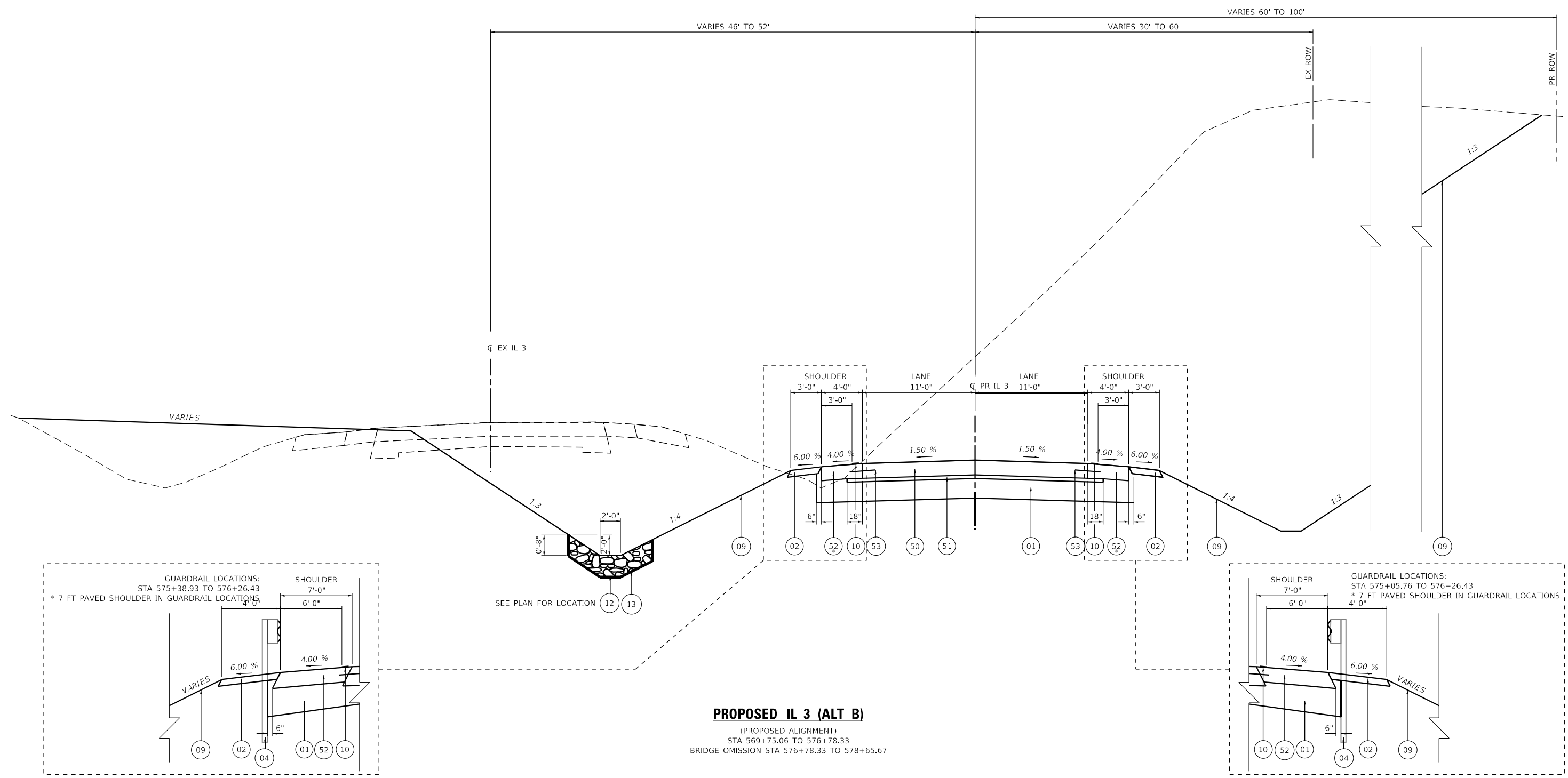


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PLOT DATE = 6/6/2022	CHECKED - RKA	REVISED -
	DATE - 6/6/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 10'	SHEET 4	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	17
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



PROPOSED IL 3 (ALT B)
 (PROPOSED ALIGNMENT)
 STA 569+75.06 TO 576+78.33
 BRIDGE OMISSION STA 576+78.33 TO 578+65.67

LEGEND - EXISTING

- (A) EXISTING BITUMINOUS OVERLAY 8"
- (B) EXISTING PCC PAVEMENT 6"
- (C) EXISTING PCC WIDENING 9"
- (D) EXISTING HMA SHOULDER 8"
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL

LEGEND - PROPOSED

- (01) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (02) AGGREGATE SHOULDERS, TYPE A 4"
- (03) AGGREGATE SURFACE COURSE, TYPE B
- (04) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (05) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (06) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- (07) TRAFFIC BARRIER TERMINAL, TYPE 2
- (08) TRAFFIC BARRIER TERMINAL, TYPE 6

- (09) PROPOSED FINISHED GRADE
- (10) SHOULDER RUMBLE STRIPS, 8 INCH
- (11) STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
- (12) STONE RIPRAP, CLASS A3
- (13) FILTER FABRIC

LEGEND - PROPOSED (ALT A)

- (31) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11 1/4"
- (32) HOT-MIX ASPHALT SHOULDERS, 8"
- (33) HOT-MIX ASPHALT SHOULDERS, 9"
- (34) LONGITUDINAL JOINT SEALANT
 ** LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT.

LEGEND - PROPOSED (ALT B)

- (50) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (51) STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
- (52) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (53) TIE BAR

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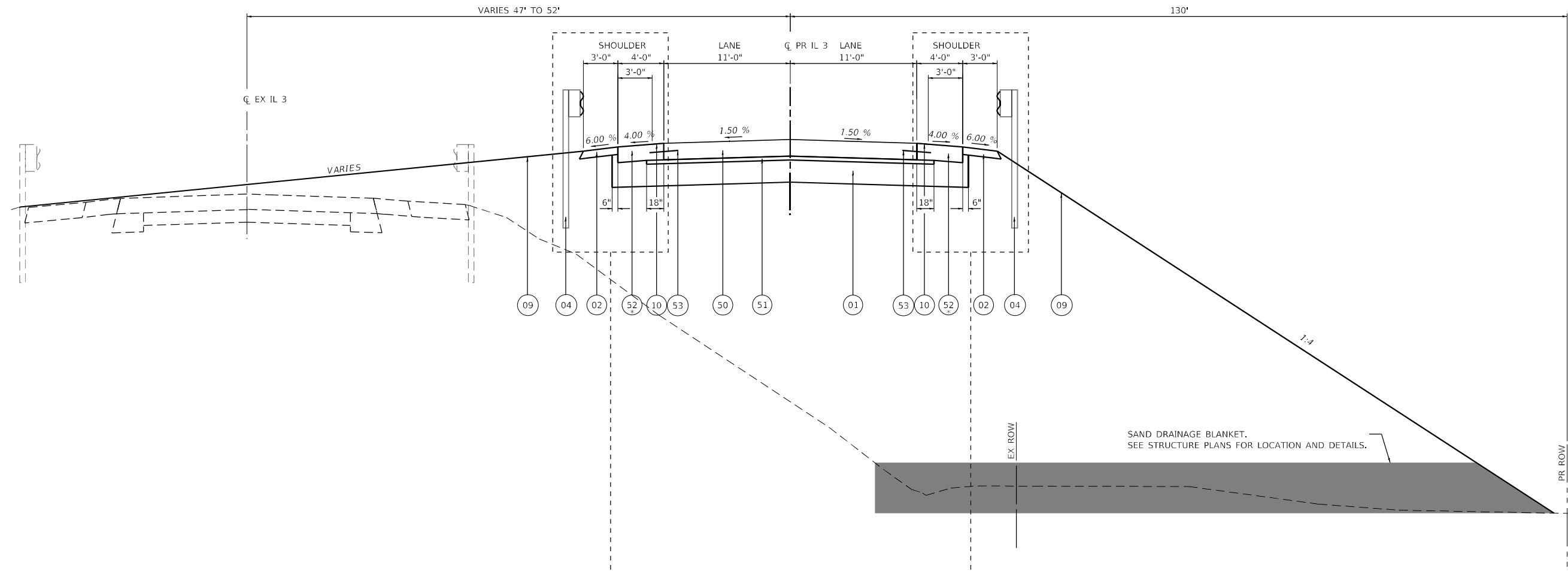


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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

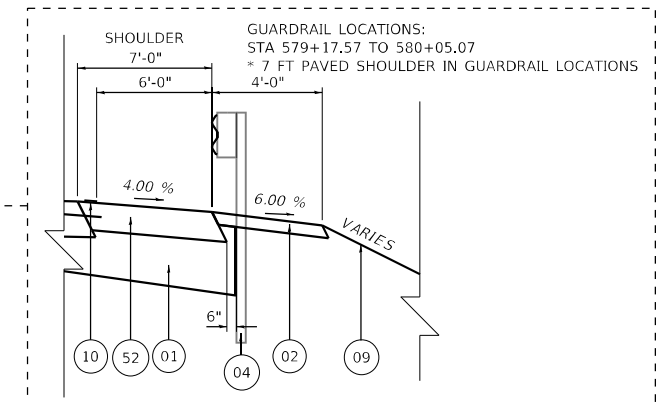
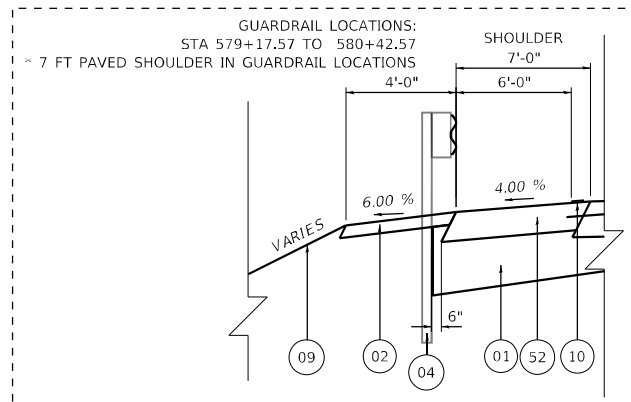
**TYPICAL SECTIONS
 IL 3 /FAP 312 OVER NINE MILE CREEK**
 SCALE: 1" = 10' SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	19
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



PROPOSED IL 3 (ALT B)

(PROPOSED ALIGNMENT)
 BRIDGE OMISSION STA 576+78.33 TO 578+65.67
 STA 578+65.67 TO 582+05.06



LEGEND - EXISTING

- (A) EXISTING BITUMINOUS OVERLAY 8"
- (B) EXISTING PCC PAVEMENT 6"
- (C) EXISTING PCC WIDENING 9"
- (D) EXISTING HMA SHOULDER 8"
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL

LEGEND - PROPOSED

- (01) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (02) AGGREGATE SHOULDERS, TYPE A 4"
- (03) AGGREGATE SURFACE COURSE, TYPE B
- (04) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (05) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (06) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- (07) TRAFFIC BARRIER TERMINAL, TYPE 2
- (08) TRAFFIC BARRIER TERMINAL, TYPE 6

LEGEND - PROPOSED (ALT A)

- (09) PROPOSED FINISHED GRADE
- (10) SHOULDER RUMBLE STRIPS, 8 INCH
- (11) STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
- (12) STONE RIPRAP, CLASS A3
- (13) FILTER FABRIC
- (31) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11 1/4"
- (32) HOT-MIX ASPHALT SHOULDERS, 8"
- (33) HOT-MIX ASPHALT SHOULDERS, 9"
- (34) LONGITUDINAL JOINT SEALANT
 ** LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT.

LEGEND - PROPOSED (ALT B)

- (50) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (51) STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
- (52) PORTLAND CEMENT CONCRETE SHOULDERS 9"
- (53) TIE BAR

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USER NAME = tjones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 120,0000' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 10'	SHEET 7	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	20
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

ALTERNATE A LOCATION	FOR INFORMATION ONLY				
	EARTH EXCAVATION	CHANNEL EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (EXC. x 0.85)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE(+) AND SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
PRESTAGE					
STA. 548+79.38 TO STA. 561+06.13	2256		1918	392	1526
STA. 594+60.27 TO STA. 607+80.27	1331		1131	321	810
PRESTAGE SUB-TOTAL	3587	0	3049	713	2336
STAGE I					
STA. 554+80.00 TO STA. 576+78.33	37653		32005	2174	29831
STA. 576+78.33 TO STA. 578+65.67		1967			0
STA. 578+65.67 TO STA. 606+50.00	25713		21856	13313	8543
STAGE I SUB-TOTAL	63366	1967	53861	15487	38374
STAGE II					
STA. 548+79.38 TO STA. 576+33.30	6012		5110	7063	-1953
STA. 578+65.67 TO STA. 607+80.27	9837		8361	5322	3039
STA. 583+17.00				260	-260
STAGE II SUB-TOTAL	15849	0	13471	12385	1086
TOTAL	82802	1967	70381	28585	41796

EARTH EXCAVATION SHRINKAGE FACTOR = 15%

NOTES:

1. SEE DRAINAGE PLANS FOR DRAINAGE SCHEDULES.
2. SEE STRUCTURAL PLANS FOR STRUCTURAL SCHEDULES.

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PLOT SCALE = 1200,0000 ' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 1	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	21
			CONTRACT NO. 76K25	
		ILLINOIS	FED. AID PROJECT	

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ALTERNATE B LOCATION	FOR INFORMATION ONLY				
	EARTH EXCAVATION	CHANNEL EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE) (EXC. x 0.85)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE(+) AND SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
PRESTAGE					
STA. 548+79.38 TO STA. 561+06.13	2256		1918	392	1526
STA. 594+60.27 TO STA. 607+80.27	1331		1131	321	810
PRESTAGE SUB-TOTAL	3587	0	3049	713	2336
STAGE I					
STA. 554+80.00 TO STA. 576+78.33	37574		31938	2067	29871
STA. 576+78.33 TO STA. 578+65.67		1967			0
STA. 578+65.67 TO STA. 606+50.00	26030		22126	13138	8988
STAGE I SUB-TOTAL	63604	1967	54064	15205	38859
STAGE II					
STA. 548+79.38 TO STA. 576+33.30	6010		5110	7063	-1953
STA. 578+65.67 TO STA. 607+80.27	9809		8361	5322	3039
STA. 583+17.00				260	-260
STAGE II SUB-TOTAL	15819	0	13471	12385	1086
TOTAL	83010	1967	70584	28303	42281

EARTH EXCAVATION SHRINKAGE FACTOR = 15%

design firm
 no. 184001036

 engineers • planners • land surveyors

USER NAME = ljones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1200,0000 ' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 2	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	22
			CONTRACT NO. 76K25	
		ILLINOIS	FED. AID PROJECT	

PERMANENT EROSION CONTROL													
STATION	OFFSET	TO	STATION	OFFSET	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET	HEAVY DUTY EROSION CONTROL BLANKET	STONE RIPRAP, CLASS A3	FILTER FABRIC
					ACRE	POUND	POUND	POUND	ACRE	SQ YD	SQ YD	SQ YD	SQ YD
PRESTAGE (EX ALIGN)													
555+00.00	RT	TO	576+78.33	RT					1.25				
555+00.00	LT	TO	576+78.33	LT									
BRIDGE													
578+65.67	RT	TO	608+00.00	RT					1.25				
578+65.67	LT	TO	608+00.00	LT									
PRESTAGE SUBTOTAL					0	0	0	0	2.5	0	0	0	0
STAGE I													
555+00.00	RT	TO	576+78.33	RT	2.03	180	180	180		10579		622	622
555+00.00	LT	TO	576+78.33	LT									0
BRIDGE													
578+65.67	RT-BK	TO	608+00.00	RT-AH	2.58	230	230	230		12782	827	236	236
578+65.67	LT-BK	TO	608+00.00	LT-AH									0
STAGE I SUBTOTAL					4.61	410	410	410	0	23361	827	858	858
STAGE II													
555+00.00	RT	TO	576+78.33	RT									
555+00.00	LT	TO	576+78.33	LT	3.62	324	324	324		19016		2802	2802
BRIDGE													
578+65.67	RT-BK	TO	608+00.00	RT-AH									
578+65.67	LT-BK	TO	608+00.00	LT-AH	3.94	352	352	352		20633		64	64
STAGE II SUBTOTAL					7.56	676	676	676	0	39649	0	2866	2866
TOTAL					12.25	1086	1086	1086	2.5	63010	827	3724	3724

*SEE STRUCTURAL SHEETS FOR ADDITIONAL QUANTITY.

*

MODEL Path: \\c:\projects\whks\6_COIL_3_Over_Nine_Mile_Creek - Documents\19167_01_IL_3_Nine_Mile_Creek\CADD\CAD_Sheets\08762551T-schedule-003.dgn
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USER NAME = ljones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 1200,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 3	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	23
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

TEMPORARY EROSION CONTROL										
STATION	OFFSET	TO	STATION	OFFSET	TEMPORARY	TEMPORARY	PERIMETER	INLET	TEMPORARY	TEMPORARY
					EROSION CONTROL SEEDING	DITCH CHECKS	EROSION BARRIER	AND PIPE PROTECTION	EROSION CONTROL BLANKET	HEAVY DUTY EROSION CONTROL BLANKET
					POUND	FOOT	FOOT	EACH	SQ YD	SQ YD
PRESTAGE (EX ALIGN)										
555+00.00	RT	TO	576+78.33	RT	114					
555+00.00	LT	TO	576+78.33	LT	57	385	1210		3031	
BRIDGE										
578+65.67	RT	TO	608+00.00	RT	114					
578+65.67	LT	TO	608+00.00	LT	48	253	1350	1	2522	
PRESTAGE SUBTOTAL					333	638	2560	1	5553	0
STAGE I										
555+00.00	RT	TO	576+78.33	RT	201	572	2301	2		
555+00.00	LT	TO	576+78.33	LT	103	484		2		5959
BRIDGE										
578+65.67	RT-BK	TO	608+00.00	RT-AH	256	403	2396	3		
578+65.67	LT-BK	TO	608+00.00	LT-AH	104	187		5		5978
STAGE I SUBTOTAL					664	1646	4697	12	0	11937
STAGE II										
555+00.00	RT	TO	576+78.33	RT						
555+00.00	LT	TO	576+78.33	LT	361	390	2765	1		
BRIDGE										
578+65.67	RT-BK	TO	608+00.00	RT-AH						
578+65.67	LT-BK	TO	608+00.00	LT-AH	391	442	2914	1		
STAGE II SUBTOTAL					752	832	5679	2	0	0
TOTAL					1749	3116	12936	15	5553	11937

REMOVAL - MISCELLANEOUS										
STATION	OFFSET	TO	STATION	OFFSET	TREE	SIDEWALK	REMOVAL	RELOCATE		
					REMOVAL, ACRES	REMOVAL	OF EXISTING WOOD BOLLARDS	EXISTING MAILBOX		
					ACRE	SQ FT	EACH	EACH		
PRESTAGE (EX ALIGN)										
555+00.00	RT	TO	576+78.33	RT	1.18					
555+00.00	LT	TO	576+78.33	LT						
BRIDGE										
578+65.67	RT	TO	608+00.00	RT	1.17					
578+65.67	LT	TO	608+00.00	LT						
PRESTAGE SUBTOTAL					2.35	0	0	0		
STAGE I										
555+00.00	RT	TO	576+78.33	RT				9		
555+00.00	LT	TO	576+78.33	LT				1		
BRIDGE										
578+65.67	RT-BK	TO	608+00.00	RT-AH		100				
578+65.67	LT-BK	TO	608+00.00	LT-AH				2		
STAGE I SUBTOTAL					0	100	9	3		
STAGE II										
555+00.00	RT	TO	576+78.33	RT						
555+00.00	LT	TO	576+78.33	LT						
BRIDGE										
578+65.67	RT-BK	TO	608+00.00	RT-AH						
578+65.67	LT-BK	TO	608+00.00	LT-AH						
STAGE II SUBTOTAL					0					
TOTAL					2.25	100	9	3		

PAVEMENT - TEMPORARY											
STATION	OFFSET	TO	STATION	OFFSET	AGGREGATE	BITUMINOUS	BITUMINOUS	AGGREGATE	HOT-MIX	MATERIAL	TEMPORARY
					SUBGRADE IMPROVEMENT 12"	MATERIALS (PRIME COAT)	MATERIALS (TACK COAT)	SHOULDERS, TYPE A 4"	ASPHALT PAVEMENT (FULL-DEPTH), 9"	TRANSFER DEVICE	PAVEMENT REMOVAL
					SQ YD	POUND	POUND	SQ YD	SQ YD	TON	SQ YD
PRESTAGE (EX ALIGN)											
555+00.00	RT	TO	576+78.33	RT							
555+00.00	LT	TO	576+78.33	LT	2134	4798	960	265	2133	1075	
BRIDGE											
578+65.67	RT	TO	608+00.00	RT							
578+65.67	LT	TO	608+00.00	LT	2082	4670	934	271	2076	1046	
PRESTAGE SUBTOTAL					4216	9468	1894	536	4209	2121	0
STAGE II											
555+00.00	RT	TO	576+78.33	RT							
555+00.00	LT	TO	576+78.33	LT							2133
BRIDGE											
578+65.67	RT-BK	TO	608+00.00	RT-AH							
578+65.67	LT-BK	TO	608+00.00	LT-AH							2076
STAGE II SUBTOTAL					0	0	0	0	0	0	4209
TOTAL					4216	9468	1894	536	4209	2121	4209

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 USER NAME: lfones
 DESIGNED - LNJ
 DRAWN - LNJ
 CHECKED - RKA
 DATE - 3/14/2022
 PLOT SCALE = 1200,0000' / ft.
 PLOT DATE = 3/14/2022



USER NAME = lfones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 1200,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 4	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	24
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

GUARDRAIL														
STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	BARRIER WALL REFLECTORS, TYPE C	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
					FOOT	EACH	EACH	EACH	EACH	FOOT	EACH	EACH	EACH	FOOT
STAGE I														
555+00.00	RT	TO	576+78.33	RT	12.5	1	1	1	1		3	2		25
555+00.00	LT	TO	576+78.33	LT										
BRIDGE	RT												2	
BRIDGE	LT												2	
578+65.67	RT-BK	TO	608+00.00	RT-AH	50		1	1		153	1	2		
578+65.67	LT-BK	TO	608+00.00	LT-AH										
STAGE I SUBTOTAL					62.5	1	2	2	1	153	4	4	4	25
STAGE II														
555+00.00	RT	TO	576+78.33	RT						90				
555+00.00	LT	TO	576+78.33	LT	50		1		1	140	1	2		
BRIDGE	RT													
BRIDGE	LT													
578+65.67	RT-BK	TO	608+00.00	RT-AH										
578+65.67	LT-BK	TO	608+00.00	LT-AH	87.5		1		1	153	1	2		
STAGE II SUBTOTAL					137.5	0	2	0	2	383	2	4	0	0
TOTAL					200	1	4	2	3	536	6	8	4	25

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 USER: lfones

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PLOT SCALE = 1/200,000' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 6	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 26
			CONTRACT NO. 76K25	
		ILLINOIS FED. AID PROJECT		

PERMANENT PAVEMENT MARKING - BASE BID									
STATION	OFFSET	TO	STATION	OFFSET	SHOULDER	RAISED	GROOVING	PREFORMED	THERMOPLASTIC
					RUMBLE STRIPS, 8 INCH	REFLECTIVE PAVEMENT MARKER	FOR RECESSED PAVEMENT MARKING 5"	PLASTIC PAVEMENT MARKING, TYPE D-LINE 4"	PAVEMENT MARKING - LINE 4"
					FOOT	EACH	FOOT	FOOT	FOOT
STAGE II									
555+00.00	CL	TO	576+78.33	CL		43			1596
555+00.00	RT	TO	576+78.33	RT	2043				798
555+00.00	LT	TO	576+78.33	LT	1955				798
BRIDGE							1109	1109	
578+65.67	CL-BK	TO	608+00.00	CL-AH		45			1587
578+65.67	RT-BK	TO	608+00.00	RT-AH	2148				794
578+65.67	LT-BK	TO	608+00.00	LT-AH	1937				794
STAGE II SUBTOTAL					8083	88	1109	1109	6367
TOTAL					8083	88	1109	1109	6367

PERMANENT PAVEMENT MARKING - ALTERNATE A - FLEXIBLE					
STATION	OFFSET	TO	STATION	OFFSET	THERMOPLASTIC
					PAVEMENT MARKING - LINE 4"
					FOOT
STAGE II					
555+00.00	CL	TO	576+78.33	CL	4307
555+00.00	RT	TO	576+78.33	RT	2153
555+00.00	LT	TO	576+78.33	LT	2153
BRIDGE					
578+65.67	CL-BK	TO	608+00.00	CL-AH	4467
578+65.67	RT-BK	TO	608+00.00	RT-AH	2233
578+65.67	LT-BK	TO	608+00.00	LT-AH	2233
STAGE II SUBTOTAL					17546
TOTAL					17546

PERMANENT PAVEMENT MARKING - ALTERNATE B - RIGID						
STATION	OFFSET	TO	STATION	OFFSET	GROOVING	PREFORMED
					FOR RECESSED PAVEMENT MARKING 5"	PLASTIC PAVEMENT MARKING, TYPE D-LINE 4"
					FOOT	FOOT
STAGE II						
555+00.00	CL	TO	576+78.33	CL	4307	4307
555+00.00	RT	TO	576+78.33	RT	2153	2153
555+00.00	LT	TO	576+78.33	LT	2153	2153
BRIDGE						
578+65.67	CL-BK	TO	608+00.00	CL-AH	4467	4467
578+65.67	RT-BK	TO	608+00.00	RT-AH	2233	2233
578+65.67	LT-BK	TO	608+00.00	LT-AH	2233	2233
STAGE II SUBTOTAL					17546	17546
TOTAL					17546	17546

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PLOT SCALE = 1200,0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 7	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	27
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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SIGNING									
STATION	OFFSET	TO	STATION	OFFSET	SIGN PANEL -	RELOCATE	REMOVE	TELESCOPING	WOOD
					TYPE 1	SIGN PANEL	SIGN PANEL	STEEL SIGN	SIGN
						ASSEMBLY -	ASSEMBLY -	SUPPORT	SUPPORT
					SQ FT	TYPE A	TYPE A	FOOT	FOOT
						EACH	EACH		
STAGE I									
555+00.00	RT	TO	576+78.33	RT			2		
555+00.00	LT	TO	576+78.33	LT					
BRIDGE									
578+65.67	RT-BK	TO	608+00.00	RT-AH		1	1		
578+65.67	LT-BK	TO	608+00.00	LT-AH			2		
STAGE I SUBTOTAL					0	1	5	0	0
STAGE II									
555+00.00	RT	TO	576+78.33	RT	5			10	
555+00.00	LT	TO	576+78.33	LT	8				13
BRIDGE									
578+65.67	RT-BK	TO	608+00.00	RT-AH				10	
578+65.67	LT-BK	TO	608+00.00	LT-AH	5			10	
STAGE II SUBTOTAL					18	0	0	30	13
TOTAL					18	1	5	30	13



USER NAME = ljones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1200,0000' / ft.	DRAWN - LNJ	REVISED -
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	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 8	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	28
			CONTRACT NO. 76K25	
			ILLINOIS FED. AID PROJECT	

ROW				
STATION	OFFSET	FURNISHING	REERECTING	RIGHT OF
		AND	RIGHT	WAY AND
		ERECTING	OF	PROPERTY
		RIGHT OF	WAY	CORNERS
		WAY MARKERS	MARKERS	
		MARKERS		
		EACH	EACH	EACH
STAGE II				
556+13.04	60.49 RT	1		
556+13.08	59.51 LT	1		1
559+00.00	74.14 LT	1		
560+94.57	70.00 RT	1		
561+80.00	113.48 LT	1		1
563+00.00	70.00 RT	1		
564+90.00	136.93 LT	1		
565+18.49	70.00 RT	1		
568+06.34	126.60 LT	1		1
568+40.06	70.00 RT	1		
569+50.00	70.00 RT	1		
571+00.00	100.00 RT	1		
571+87.29	100.00 RT			1
573+21.45	126.98 LT	1		
573+69.21	100.00 RT			1
574+50.00	100.00 RT	1		1
575+50.00	70.00 RT	1		1
576+91.47	127.00 LT	1		
576+97.89	70.00 RT			1
578+59.08	132.01 LT	1		
578+76.92	70.00 RT	1		1
579+00.00	70.00 RT	1		
581+00.00	90.00 RT	1		
581+47.81	132.02 LT	1		
582+63.61	134.44 LT	1		
582+63.81	129.44 LT	1		
583+00.00	65.00 RT	1		
583+80.00	137.10 RT	1		
585+50.00	144.36 LT	1		
586+50.00	114.55 RT	1		
588+73.35	149.37 LT	1		
589+00.00	94.27 RT	1		
591+70.00	73.36 RT	1		
594+42.38	53.60 RT	1		
595+05.33	99.04 LT	1		
595+07.32	118.95 LT		1	
597+65.00	72.26 LT	1		
598+50.00	59.14 RT	1		
600+17.10	60.76 LT	1		1
605+07.37	59.57 RT	1		
605+69.46	60.40 LT	1		
STAGE II SUBTOTAL		37	1	10
TOTAL		37	1	10

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PLOT SCALE = 1200.0000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 9	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	29
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL																	
STATION	OFFSET	TO	STATION	OFFSET	AGGREGATE FOR TEMPORARY ACCESS	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL - GRINDING	PAVEMENT MARKING REMOVAL - WATER BLASTING	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)
					TON	FOOT	SQ FT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	SQ FT	SQ FT	L SUM
ENTIRE PROJECT																	1
PRESTAGE (EX ALIGN)																	
547+28.00	CL	TO	576+78.33	CL		267	89	5900						10	174	795	
547+28.00	RT	TO	576+78.33	RT				1466								780	
547+28.00	LT	TO	576+78.33	LT				1466	1375			2				780	
BRIDGE	CL							376							16		
578+65.67	CL-BK	TO	608+52.00	CL-AH		264	88	5972						10	590	205	
578+65.67	RT	TO	608+52.00	RT				1452							227	820	
578+65.67	LT	TO	608+52.00	LT				1452	1312.5			4			227	820	
PRESTAGE SUBTOTAL					0	531	177	18084	2687.5	0	0	6	0	20	1234	4200	0
STAGE I																	
547+28.00	CL	TO	576+78.33	CL		344	115	3780							267	1560	
547+28.00	RT	TO	576+78.33	RT	86			1890							133	780	
547+28.00	LT	TO	576+78.33	LT				1890	2125		162	4			133	780	
BRIDGE	CL																
578+65.67	CL-BK	TO	608+52.00	CL-AH		298	99	3277							267	1639	
578+65.67	RT-BK	TO	608+52.00	RT-AH	49			1639							133	820	
578+65.67	LT-BK	TO	608+52.00	LT-AH				1639	2275		126	5			133	820	
NEEDED FOR STAGE I									4400			9					
RELOCATE FROM PRESTAGE									2687.5			6					
STAGE I SUBTOTAL					135	642	214	14115	1712.5	2688	288	3	6	0	1066	6399	0
STAGE II																	
546+82.00	CL	TO	576+78.33	CL		869	290	5992								7553	
546+82.00	RT	TO	576+78.33	RT				2293								3776	
546+82.00	LT	TO	576+78.33	LT	29			2316	2712.5		156	3				3776	
BRIDGE	CL							375								375	
BRIDGE	RT							188								187	
BRIDGE	LT							188								187	
578+65.67	CL-BK	TO	608+52.00	CL-AH		24	8	6144								7739	
578+65.67	RT-BK	TO	608+52.00	RT-AH				2413								3870	
578+65.67	LT-BK	TO	608+52.00	LT-AH	83			2413	1712.5		141	7				3870	
NEEDED FOR STAGE II									4425			10					
RELOCATE FROM STAGE I									4400			9					
STAGE II SUBTOTAL					112	893	298	22322	25	4400	297	1	9	0	0	31333	0
TOTAL					247	2066	689	54521	4425	7088	585	10	15	20	2300	41932	1

REV. - MS

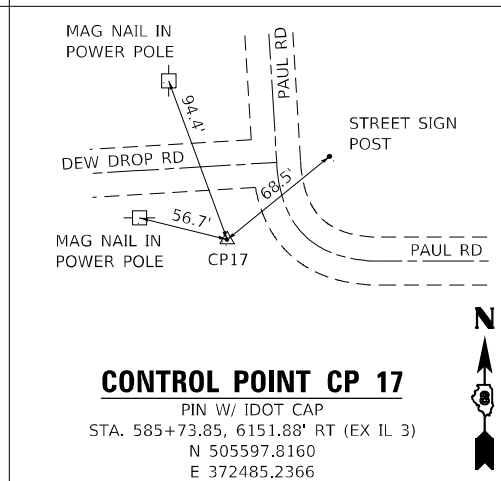
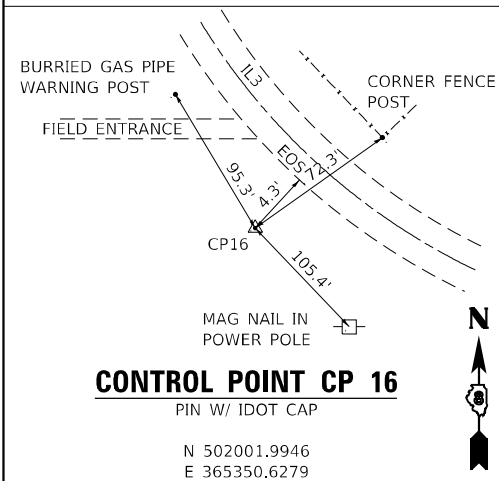
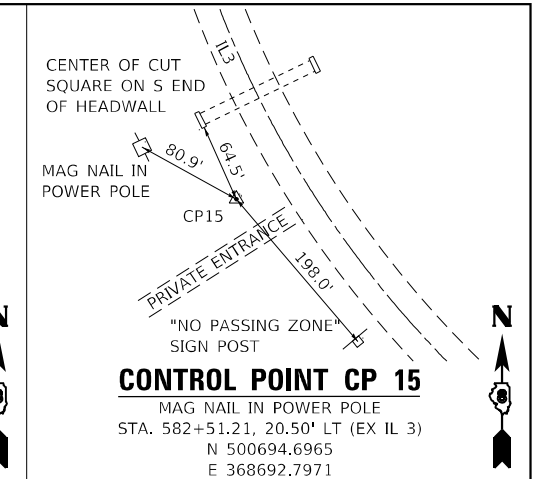
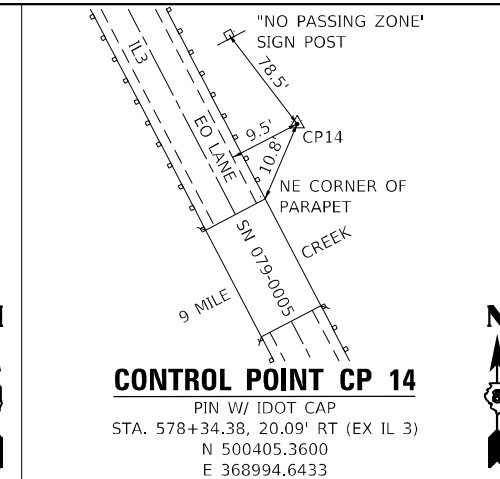
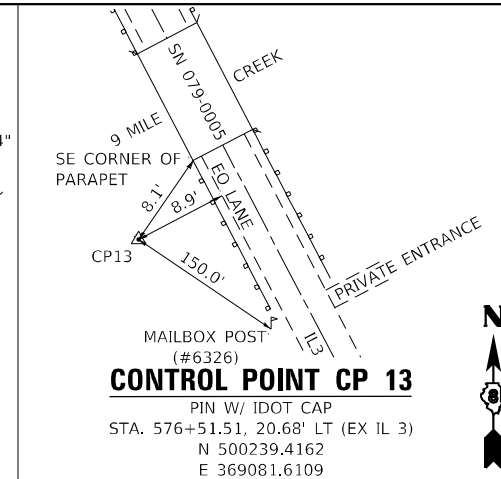
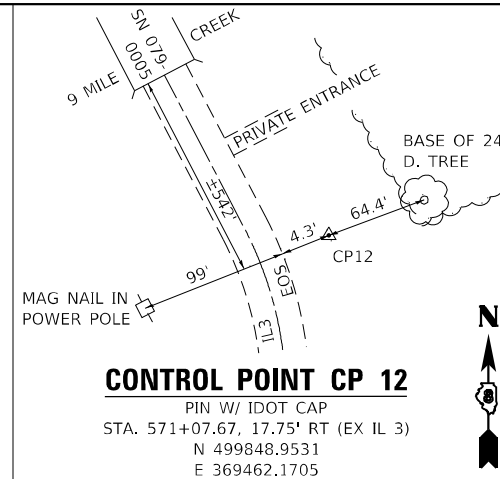
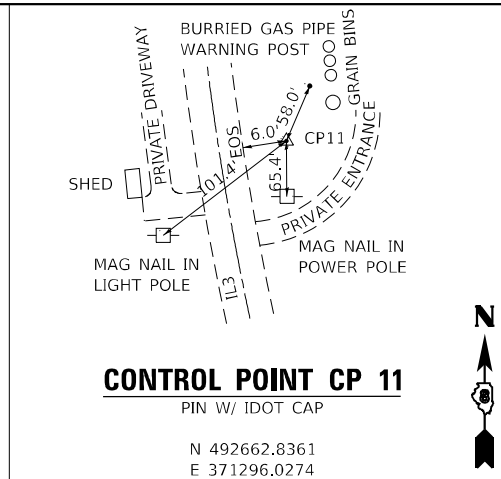
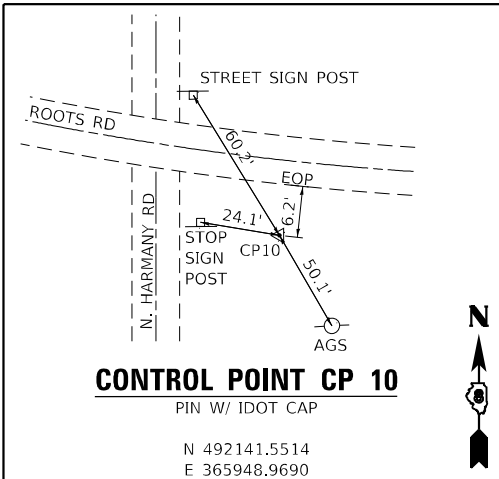
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 Design firm no. 184001036
 whks
 engineers • planners • land surveyors

USER NAME = ljones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1200.0000' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 50'
 SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 30
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES, BENCHMARKS & SUPERELEVATION DETAILS
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	32
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

Beginning chain IL3_EX

Point 901 N 497,306.1347 E 370,292.0105 Sta 544+00.00
 Course from 901 to PC IL3_EX_3 N 10° 13' 28.97" W Dist 1,213.9038

Curve Data

Curve IL3_EX_3
 P.I. Station 563+81.53 N 499,256.1987 E 369,940.2701
 Delta = 29° 59' 56.38" (LT)
 Degree = 1° 59' 59.65"
 Tangent = 767.6287
 Length = 1,500.0235
 Radius = 2,864.9300
 External = 101.0568
 Long Chord = 1,482.9483
 Mid. Ord. = 97.6136
 P.C. Station 556+13.90 N 498,500.7606 E 370,076.5313
 P.T. Station 571+13.93 N 499,842.3054 E 369,444.5557
 C.C. N 497,992.2090 E 367,257.0989

Back = N 10° 13' 28.97" W
 Ahead = N 40° 13' 25.35" W
 Chord Bear = N 25° 13' 27.16" W

Course from PT IL3_EX_3 to PC IL3_EX_6 N 40° 13' 25.35" W Dist 1,004.9323

Curve Data

Curve IL3_EX_6
 P.I. Station 590+70.59 N 501,336.2766 E 368,180.9921
 Delta = 36° 45' 11.26" (LT)
 Degree = 1° 59' 59.65"
 Tangent = 951.7340
 Length = 1,837.7468
 Radius = 2,864.9300
 External = 153.9475
 Long Chord = 1,806.4007
 Mid. Ord. = 146.0970
 P.C. Station 581+18.86 N 500,609.6002 E 368,795.5969
 P.T. Station 599+56.61 N 501,550.7451 E 367,253.7376
 C.C. N 498,759.5038 E 366,608.1401

Back = N 40° 13' 25.35" W
 Ahead = N 76° 58' 36.61" W
 Chord Bear = N 58° 36' 00.98" W

Course from PT IL3_EX_6 to 902 N 76° 58' 36.61" W Dist 1,283.8872

Point 902 N 501,840.0626 E 366,002.8732 Sta 612+40.49

Ending chain IL3_EX

Beginning chain IL3_PR

Point 895 N 497,837.5982 E 370,196.1484 Sta 549+40.04
 Course from 895 to 896 N 10° 13' 28.97" W Dist 673.8640
 Point 896 N 498,500.7606 E 370,076.5313 Sta 556+13.90
 Course from 896 to PC IL3_PR_5 N 10° 13' 28.97" W Dist 480.6695

Curve Data

Curve IL3_PR_5
 P.I. Station 564+76.07 N 499,349.2392 E 369,923.4880
 Delta = 29° 59' 56.38" (LT)
 Degree = 4° 01' 26.60"
 Tangent = 381.5011
 Length = 745.4914
 Radius = 1,423.8314
 External = 50.2239
 Long Chord = 737.0052
 Mid. Ord. = 48.5126
 P.C. Station 560+94.57 N 498,973.7967 E 369,991.2080
 P.T. Station 568+40.06 N 499,640.5263 E 369,677.1247
 C.C. N 498,721.0534 E 368,589.9883

Back = N 10° 13' 28.97" W
 Ahead = N 40° 13' 25.35" W
 Chord Bear = N 25° 13' 27.16" W

Course from PT IL3_PR_5 to PC IL3_PR_8 N 40° 13' 25.35" W Dist 1,500.0000

Curve Data

Curve IL3_PR_8
 P.I. Station 590+37.69 N 501,318.4749 E 368,257.9575
 Delta = 36° 45' 11.26" (LT)
 Degree = 2° 43' 42.13"
 Tangent = 697.6231
 Length = 1,347.0724
 Radius = 2,099.9999
 External = 112.8439
 Long Chord = 1,324.0956
 Mid. Ord. = 107.0894
 P.C. Station 583+40.06 N 500,785.8196 E 368,708.4642
 P.T. Station 596+87.14 N 501,475.6808 E 367,578.2780
 C.C. N 499,429.6949 E 367,105.0536

Back = N 40° 13' 25.35" W
 Ahead = N 76° 58' 36.61" W
 Chord Bear = N 58° 36' 00.98" W

Course from PT IL3_PR_8 to 897 N 76° 58' 36.61" W Dist 333.1083

Point 897 N 501,550.7451 E 367,253.7376 Sta 600+20.25

Course from 897 to STAEQU1 N 76° 58' 36.61" W Dist 123.7545
 End Region 1
 Equation: Sta 601+44.00 (BK) = Sta 600+80.36 (AH)
 Begin Region 2
 Point STAEQU1 N 501,578.6325 E 367,133.1662 Sta 600+80.36
 Course from STAEQU1 to 898 N 76° 58' 36.61" W Dist 1,160.1327
 Point 898 N 501,840.0626 E 366,002.8732 Sta 612+40.49
 Ending chain IL3_PR

BENCHMARK DESCRIPTIONS

IL3 @ NINE MILE CREEK (1 1/2 MI N OF ELLIS GROVE)

D98-043-17 / 76K25 / NAVD 88

BM 301: ELEV: 505.828'
 FOUND RR SPIKE IN P.POLE @ E SIDE OF IL3, +/- 732' N OF ROOTS RD, JUST N OF ELLIS GROVE. (FROM PROJECT "IL3 ROOTS RD SOUTH TO BODES LN JUST N OF CHESTER", JOB # D98-076-12, CONTR# 76F92, GENERATED 03/26/2012, RECORD ELEV: 505.828')

BM 302: ELEV: 522.304'
 FOUND CUT "X" ON NW FLANGE BOLT ON FIRE HYDRANT @ E SIDE OF INTERSECTION OF IL3 & ROOTS RD. (FROM PROJECT "IL3 ROOTS RD SOUTH TO BODES LN JUST N OF CHESTER", JOB# D98-076-12, CONTR#76F92, GENERATED 03/26/2012, RECORD ELEV: 522.304')

BM 3-100: ELEV = 386.250'
 SET CUT "□" ON S END OF HEADWALL FOR A 6H X 9W BOX CULVERT @ W SIDE OF IL3, +/- 480' N OF THE N END OF THE IL3 BRIDGE (SN 079-0005) OVER NINE MILE CREEK.

RAN 2-4: ELEV = 392.165'
 FOUND ALUMINUM DISK (STAMPED: RAN 2-4, ELEV.392.489') @ NW WINGWALL OF IL3 BRIDGE (SN 079-0005) OVER NINE MILE CREEK.

BM 3-4: ELEV = 480.441'
 FOUND RR SPIKE IN P.POLE @ NE QUAD OF IL3 & AN AGG ROAD TO THE EAST, +/- 400' SOUTH OF MIMOSA RD.

PROJECT COORDINATES

FAP 312 (IL 3)

SECTION 74BR-2

IL 3 OVER NINE MILE CREEK

RANDOLPH COUNTY

POINT NUMBER	NORTHING (FEET)	EASTING (FEET)	ELEVATION	STATION	OFFSET	DESCRIPTION
Pt 10	N 492141.5514	E 365948.9690	490.36			1/2" X 30" REBAR WITH IDOT CAP
Pt 11	N 492662.8361	E 371296.0274	499.78			1/2" X 30" REBAR WITH IDOT CAP
Pt 12	N 499848.9531	E 369462.1705	406.08	Sta=571+07.67	17.75 RT	1/2" X 30" REBAR WITH IDOT CAP
Pt 13	N 500239.4162	E 369081.6109	391.92	Sta=576+51.51	20.68 LT	1/2" X 30" REBAR WITH IDOT CAP
Pt 14	N 500405.3600	E 368994.6433	391.13	Sta=578+34.38	20.09 RT	1/2" X 30" REBAR WITH IDOT CAP
Pt 15	N 500694.6965	E 368692.7971	389.22	Sta=582+51.21	20.50 LT	1/2" X 30" REBAR WITH IDOT CAP
Pt 16	N 502001.9946	E 365350.6279	438.14			1/2" X 30" REBAR WITH IDOT CAP
Pt 17	N 505597.8160	E 372485.2366	422.06	Sta=585+73.85	6151.88 RT	1/2" X 30" REBAR WITH IDOT CAP

NOTE: 1. THE COORDINATES LISTED ABOVE ARE MODIFIED COORDINATES.

2. THE EASTING FOR THESE POINTS HAS BEEN TRUNCATED (-2,000,000) TO DISTINGUISH AS MODIFIED COORDINATES.

3. STATION / OFFSET ARE BASED ON THE EXISTING IL 3 ALIGNMENT.

GPS SURVEY / COORDINATE SYSTEM

STATE PLANE COORDINATE ZONE: ILLINOIS COORDINATE SYSTEM, WEST ZONE 1202.

NAD83 (2011) EPOCH 2010.00

VERTICAL DATUM: EPOCH 2010.00

GEOID MODEL: GEOID 12A

AVERAGE COMBINATION FACTOR = 0.9999313528

SUPERELEVATION

LT AGG	LT EOS	LT EOP	AXIS OF ROTATION	RT EOP	RT EOS	RT AGG
6.0%	6.0%	6.0%	F	6.0%	2.0%	2.0%
6.0%	4.0%	4.0%	E	4.0%	4.0%	4.0%
6.0%	4.0%	2.0%	D	2.0%	4.0%	6.0%
6.0%	4.0%	1.5%	C	1.5%	4.0%	6.0%
6.0%	4.0%	1.5%	B	0.0%	4.0%	6.0%
6.0%	4.0%	1.5%	A	1.5%	4.0%	6.0%

	CURVE IL3_PR_5	CURVE IL3_PR_8
A	559+59.57	582+05.06
B	559+96.57	582+42.06
C	560+33.57	582+79.06
D	560+45.77	582+91.30
E	560+94.57	583+40.06
F	561+43.57	583+89.06
F	567+91.06	596+38.14
E	568+40.06	596+87.14
D	568+88.86	597+35.90
C	569+01.06	597+48.14
B	569+38.06	597+85.14
A	569+75.06	598+22.14

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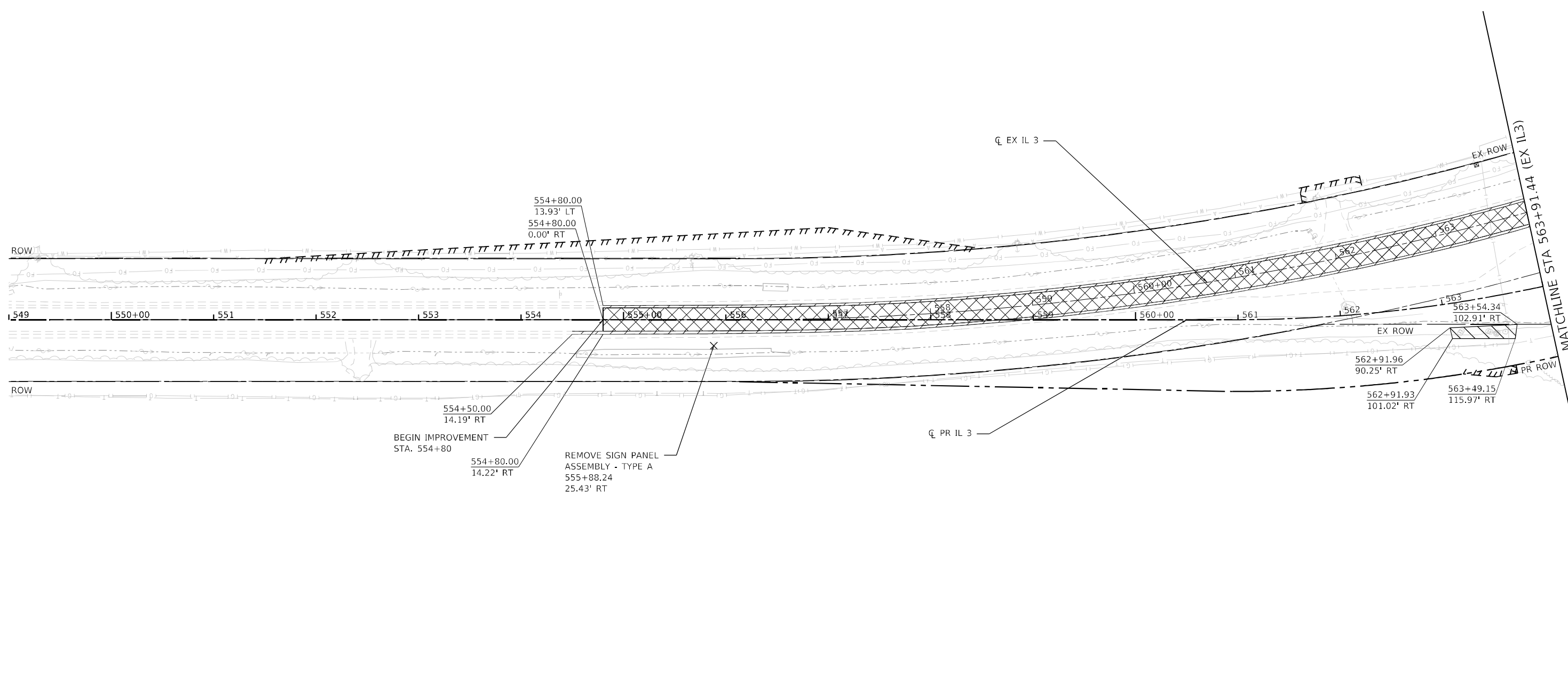
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, BENCHMARKS & SUPERELEVATION DETAILS
 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	33
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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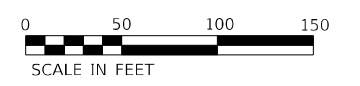


LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  TREE REMOVAL
-  REMOVAL OF EXISTING STRUCTURES
-  GUARDRAIL REMOVAL

NOTES

1. REMOVAL STATION / OFFSET ARE BASED ON THE EXISTING ALIGNMENT.
2. SEE DRAINAGE SHEETS FOR DRAINAGE REMOVAL ITEMS.
3. REMOVAL OF ITEM IS INCLUDED IN THE COST OF CONTRACT PER SPEC BOOK ART 201.01.A.
4. REMOVAL OF EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE LIMITS OF PAVEMENT REMOVAL WILL NOT BE PAID FOR SEPARATELY. COST INCLUDED IN PAVEMENT REMOVAL. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS THAT NEED TO BE REMOVED FOR STAGING SHALL BE PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER REMOVAL.



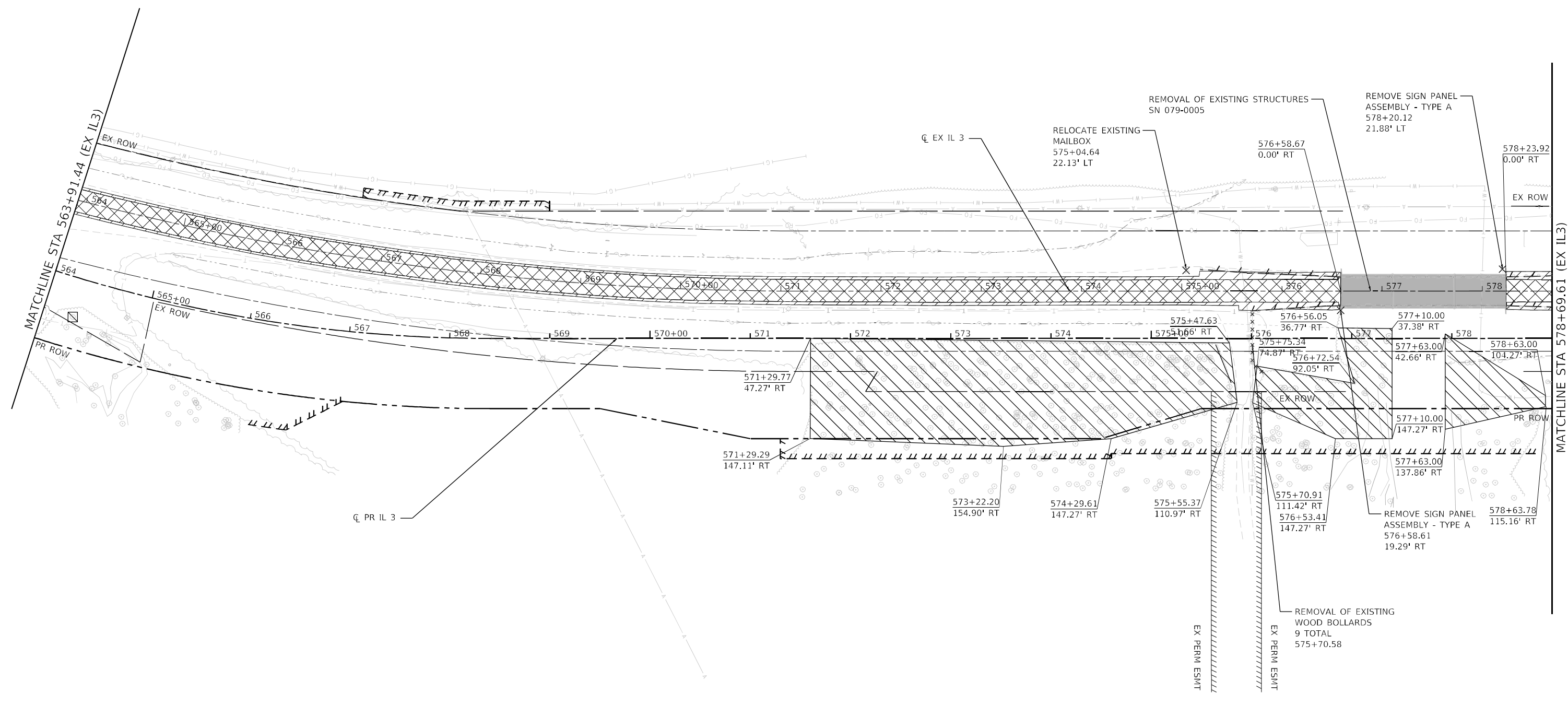
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 1	OF 4 SHEETS	STA. 549+00.00 TO STA. 563+91.44

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	34
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

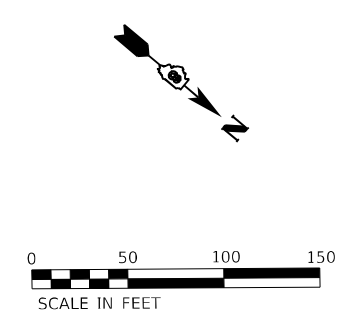
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LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	TREE REMOVAL
	REMOVAL OF EXISTING STRUCTURES
	GUARDRAIL REMOVAL

- NOTES**
1. REMOVAL STATION / OFFSET ARE BASED ON THE EXISTING ALIGNMENT.
 2. SEE DRAINAGE SHEETS FOR DRAINAGE REMOVAL ITEMS.
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 engineers + planners + land surveyors	USER NAME = tjones	DESIGNED - LNJ	REVISED -
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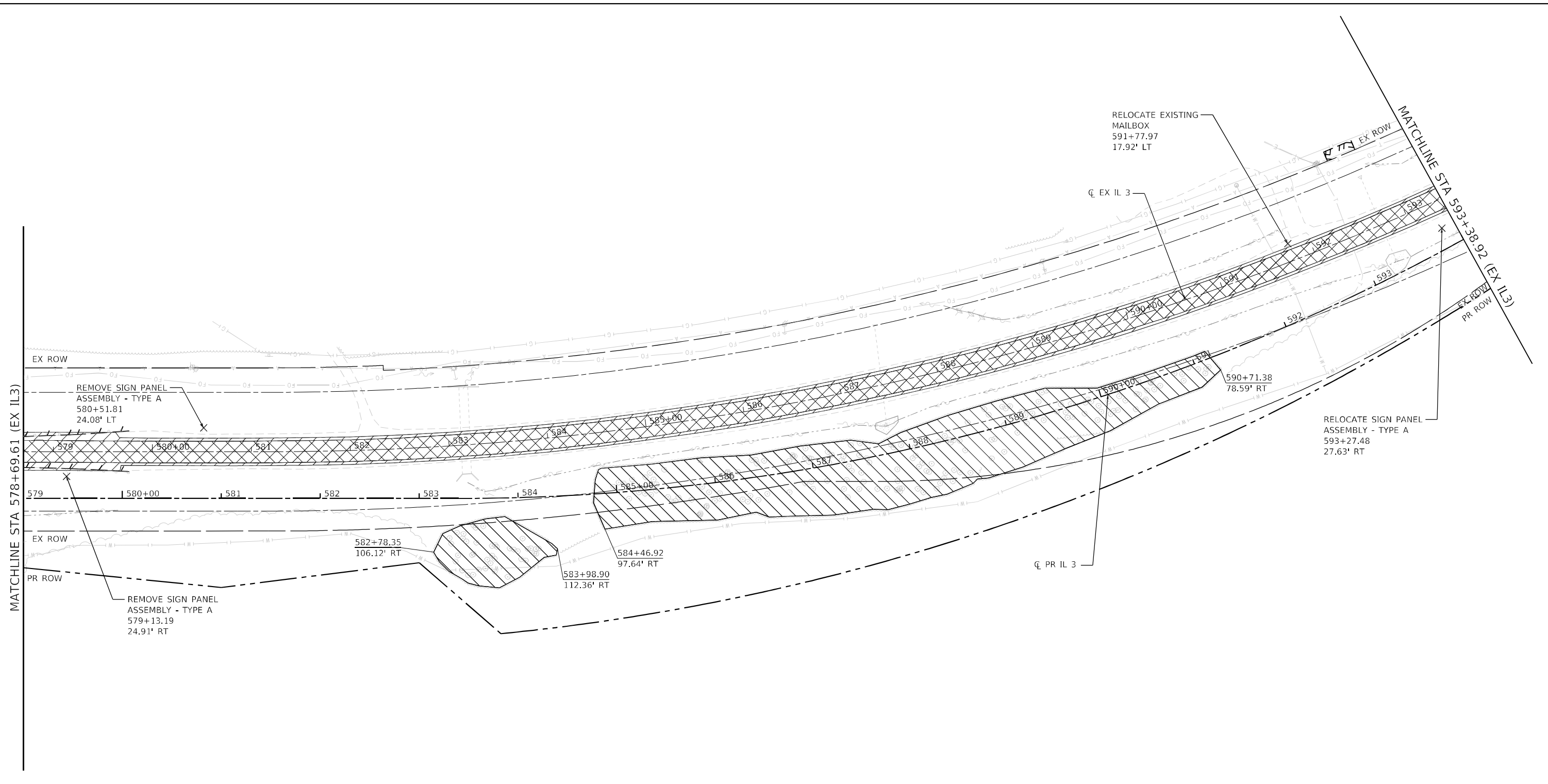
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
 IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 2 OF 4 SHEETS STA. 563+91.44 TO STA. 578+69.61

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	35
				CONTRACT NO.76K25
ILLINOIS FED. AID PROJECT				

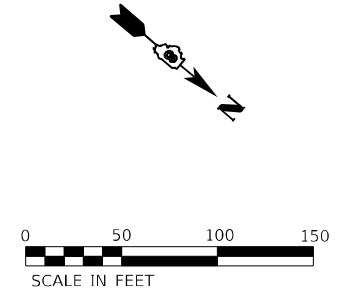
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LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	TREE REMOVAL
	REMOVAL OF EXISTING STRUCTURES
	GUARDRAIL REMOVAL

- NOTES**
1. REMOVAL STATION / OFFSET ARE BASED ON THE EXISTING ALIGNMENT.
 2. SEE DRAINAGE SHEETS FOR DRAINAGE REMOVAL ITEMS.
 3. REMOVAL OF ITEM IS INCLUDED IN THE COST OF CONTRACT PER SPEC BOOK ART 201.01.A.
 4. REMOVAL OF EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WITHIN THE LIMITS OF PAVEMENT REMOVAL WILL NOT BE PAID FOR SEPARATELY. COST INCLUDED IN PAVEMENT REMOVAL. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS THAT NEED TO BE REMOVED FOR STAGING SHALL BE PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER REMOVAL.

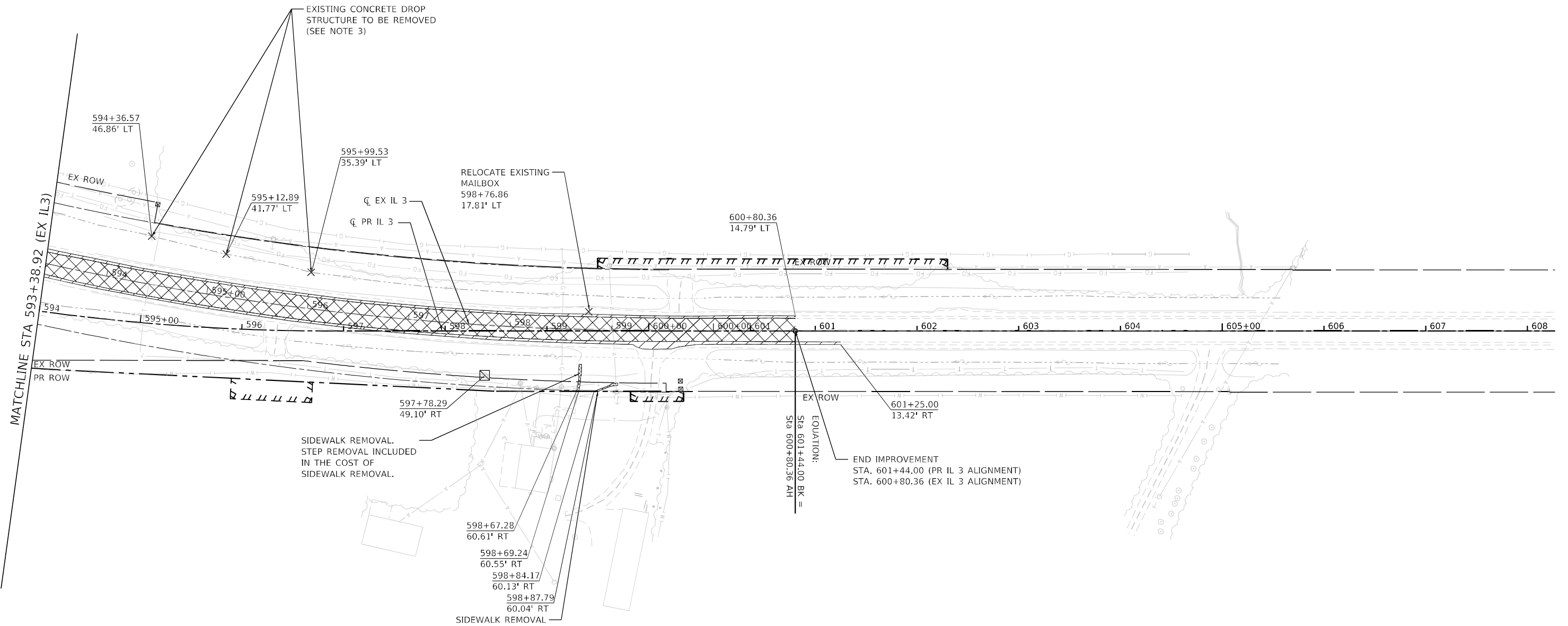


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



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. 578+69.61 TO STA. 593+38.92

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	36
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

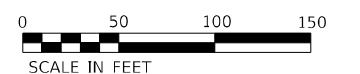
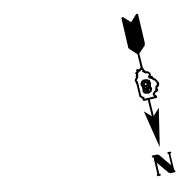


LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  TREE REMOVAL
-  REMOVAL OF EXISTING STRUCTURES
-  GUARDRAIL REMOVAL

NOTES

1. REMOVAL STATION / OFFSET ARE BASED ON THE EXISTING ALIGNMENT.
2. SEE DRAINAGE SHEETS FOR DRAINAGE REMOVAL ITEMS.
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design firm
no. 184001036
whks
engineers • planners • land surveyors

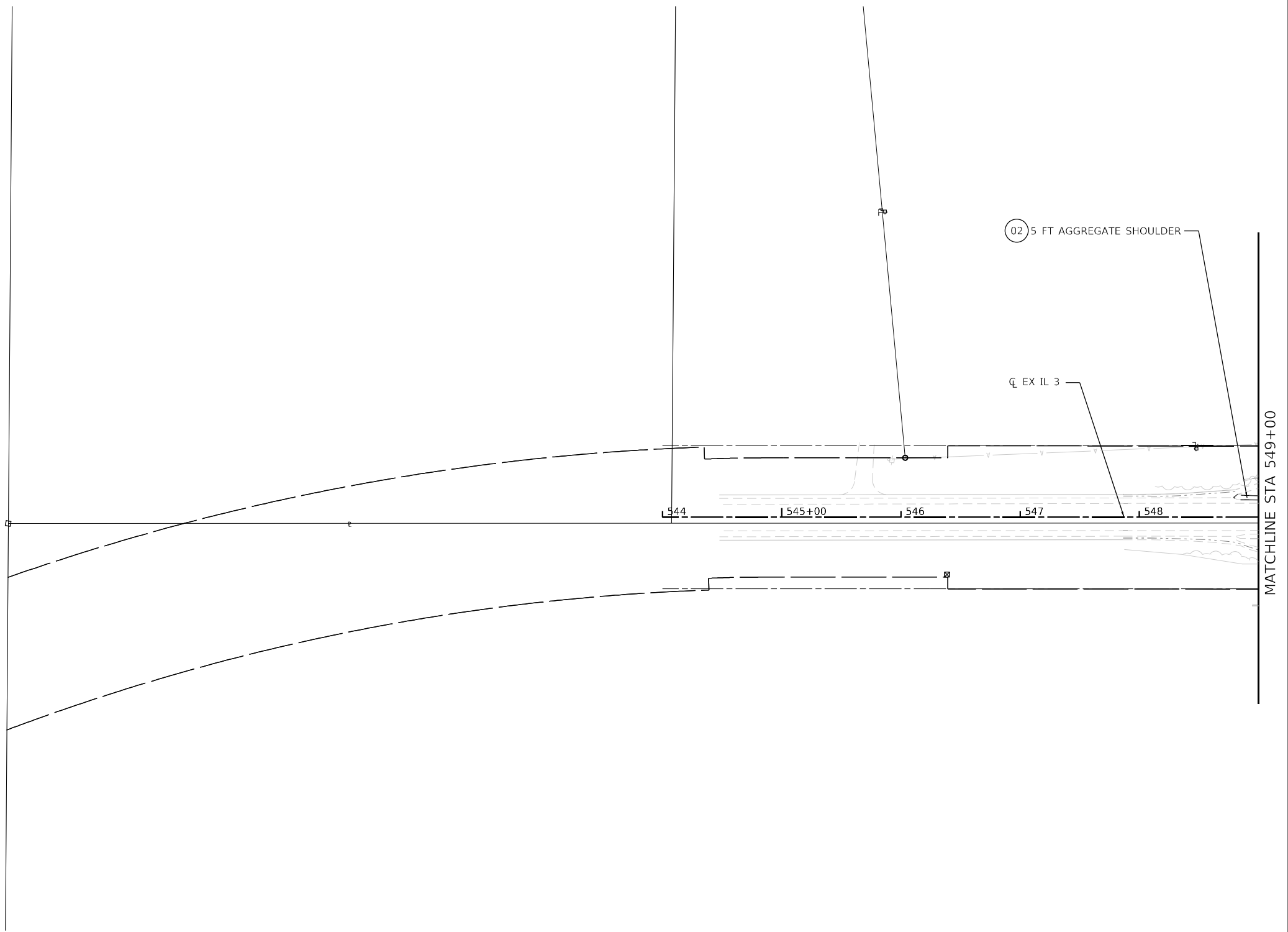
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	DRAWN - LNJ	REVISED -
PLOT SCALE = 1/200,000' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN
IL 3 /FAP 312 OVER NINE MILE CREEK
SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. 593+38.92 TO STA. 608+27.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	37
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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LEGEND - PROPOSED

- 01 AGGREGATE SUBGRADE IMPROVEMENT 12"
- 02 AGGREGATE SHOULDERS, TYPE A 4"
- 03 AGGREGATE SURFACE COURSE, TYPE B, 6"
- 04 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- 05 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- 06 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- 07 TRAFFIC BARRIER TERMINAL, TYPE 2
- 08 TRAFFIC BARRIER TERMINAL, TYPE 6

- 09 TOPSOIL FURNISH AND PLACE, 4"
- 10 SHOULDER RUMBLE STRIPS, 8 INCH
- 11 STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
- 12 STONE RIPRAP, CLASS A3
- 13 FILTER FABRIC
- 14 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

$\left[\begin{array}{l} XXX+XX.XX \\ XX.XX' LT \end{array} \right]$ ROW LABEL

LEGEND - PROPOSED (ALT A)

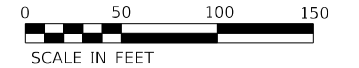
- 31 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11 1/4"
- 32 HOT-MIX ASPHALT SHOULDERS, 8"
- 33 HOT-MIX ASPHALT SHOULDERS, 9"

LEGEND - PROPOSED (ALT B)

- 50 PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- 51 STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
- 52 PORTLAND CEMENT CONCRETE SHOULDERS 9"

NOTES

1. STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.



design firm
 no. 184001036

 engineers • planners • land surveyors

USER NAME = [ones]	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
PLOT SCALE = 1/200,0005' / ft.	CHECKED - RKA	REVISED -
PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -

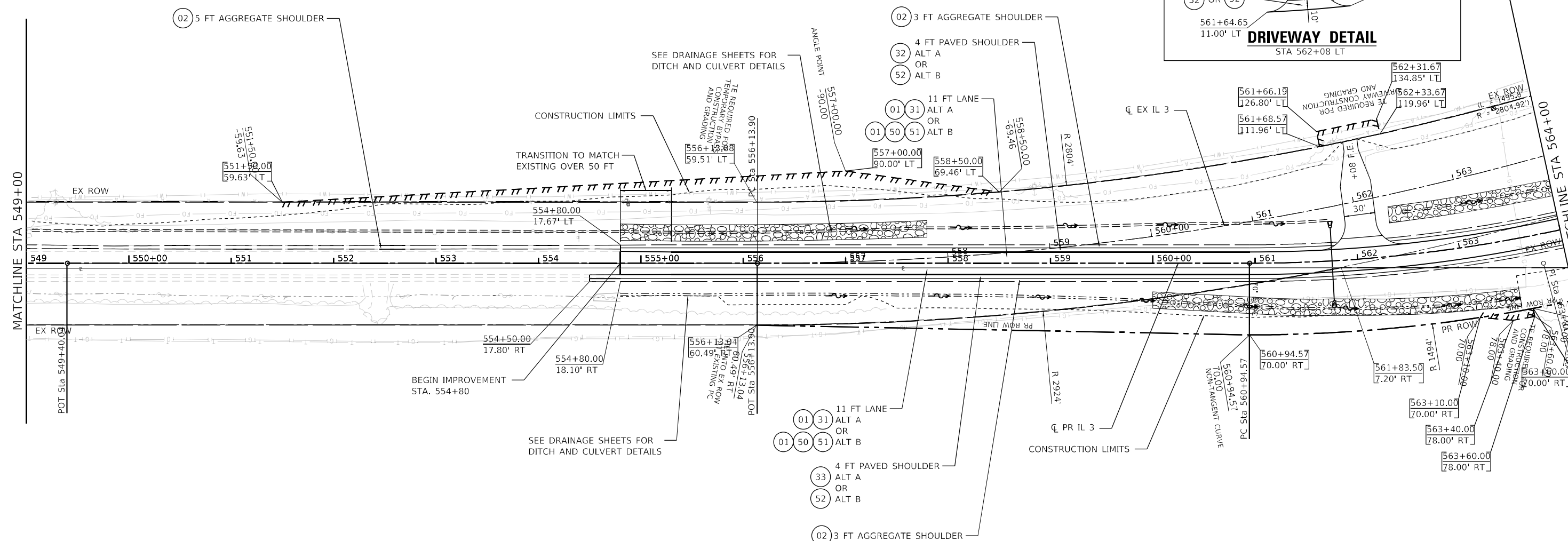
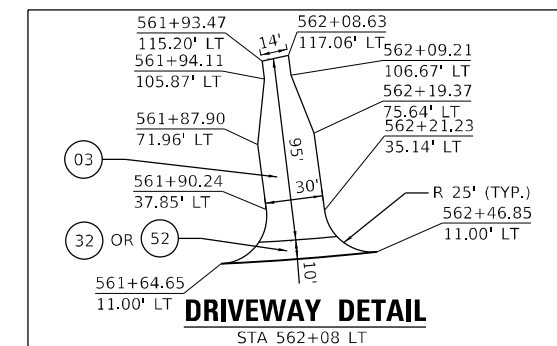
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CHECKED - RKA	REVISED -
DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 1	OF 5 SHEETS	STA. TO STA. 549+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	38
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

18-2017RH-763.0
 ROBERT P. ELLNER & JEANETTE L. ELLNER - 1/2 INTEREST
 RANDY P. ELLNER & JOANNA ROSE ELLNER - 1/2 INTEREST
 (DOC. 2012R04876)
 TAX NO.: 20-014-009-00
 (MAP NO.: 13-06-400-006)



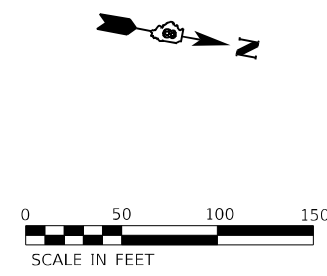
- LEGEND - PROPOSED**
- 01 AGGREGATE SUBGRADE IMPROVEMENT 12"
 - 02 AGGREGATE SHOULDERS, TYPE A 4"
 - 03 AGGREGATE SURFACE COURSE, TYPE B, 6"
 - 04 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - 05 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - 06 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
 - 07 TRAFFIC BARRIER TERMINAL, TYPE 2
 - 08 TRAFFIC BARRIER TERMINAL, TYPE 6
 - 09 TOPSOIL FURNISH AND PLACE, 4"
 - 10 SHOULDER RUMBLE STRIPS, 8 INCH
 - 11 STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
 - 12 STONE RIPRAP, CLASS A3
 - 13 FILTER FABRIC
 - 14 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

- LEGEND - PROPOSED (ALT A)**
- 01 31 AGGREGATE SUBGRADE IMPROVEMENT 12"
 - 02 32 AGGREGATE SHOULDERS, TYPE A 4"
 - 03 33 AGGREGATE SURFACE COURSE, TYPE B, 6"
 - 04 34 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - 05 35 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - 06 36 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
 - 07 37 TRAFFIC BARRIER TERMINAL, TYPE 2
 - 08 38 TRAFFIC BARRIER TERMINAL, TYPE 6
 - 09 39 TOPSOIL FURNISH AND PLACE, 4"
 - 10 40 SHOULDER RUMBLE STRIPS, 8 INCH
 - 11 41 STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
 - 12 42 STONE RIPRAP, CLASS A3
 - 13 43 FILTER FABRIC
 - 14 44 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

- LEGEND - PROPOSED (ALT B)**
- 01 50 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11 1/4"
 - 02 51 HOT-MIX ASPHALT SHOULDERS, 8"
 - 03 52 HOT-MIX ASPHALT SHOULDERS, 9"
 - 04 53 PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
 - 05 54 STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
 - 06 55 PORTLAND CEMENT CONCRETE SHOULDERS 9"

NOTES

1. STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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DESIGNED - LNJ	REVISIED -
DRAWN - LNJ	REVISIED -
CHECKED - RKA	REVISIED -
DATE - 6/6/2022	REVISIED -

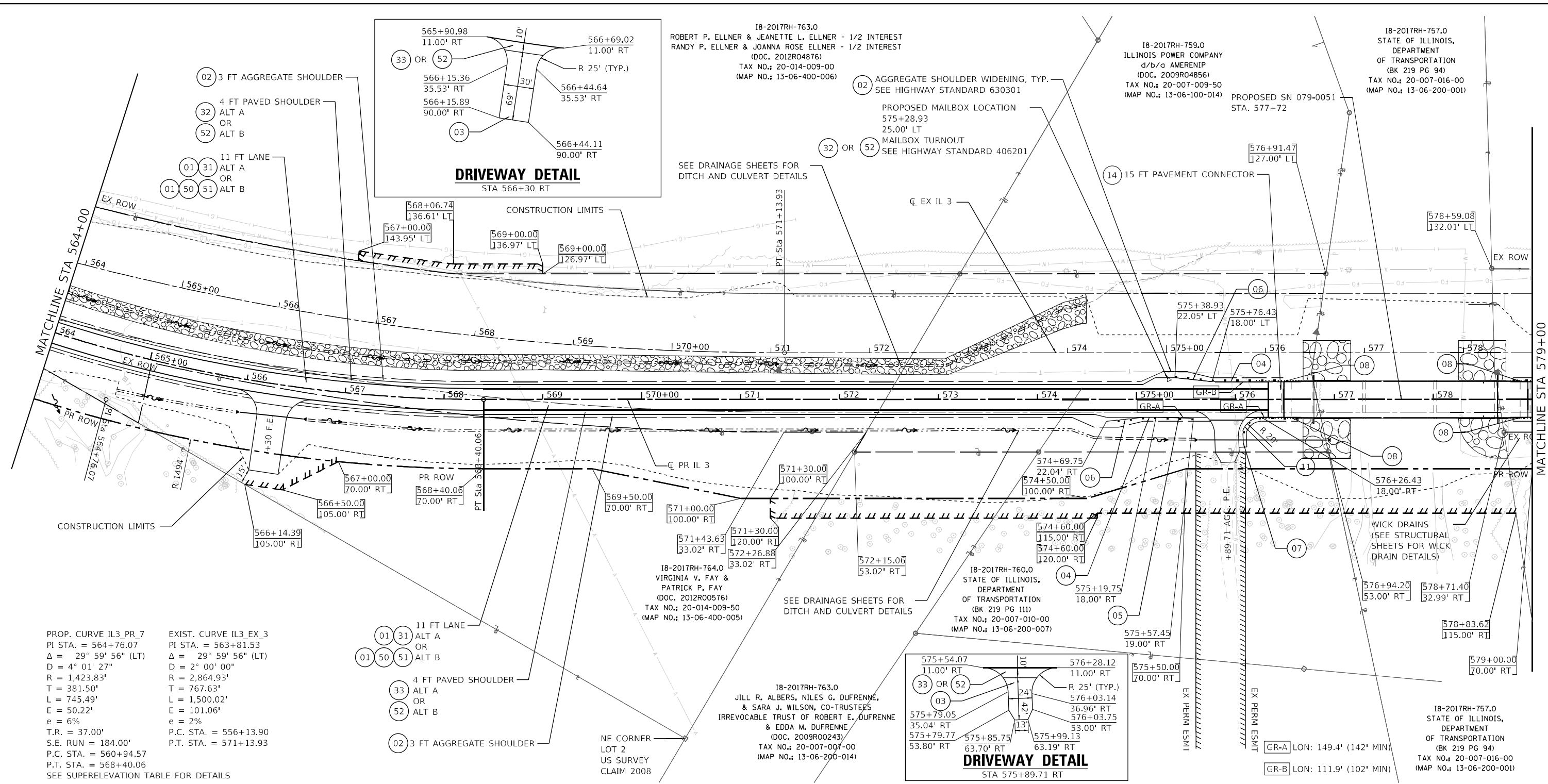
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 IL 3 /FAP 312 OVER NINE MILE CREEK**

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 39
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 549+00.00 TO STA. 564+00.00

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PROP. CURVE IL3_PR_7
 PI STA. = 564+76.07
 $\Delta = 29^\circ 59' 56''$ (LT)
 $D = 4^\circ 01' 27''$
 $R = 1,423.83'$
 $T = 381.50'$
 $L = 745.49'$
 $E = 50.22'$
 $e = 6\%$
 $T.R. = 37.00'$
 $S.E. RUN = 184.00'$
 $P.C. STA. = 560+94.57$
 $P.T. STA. = 568+40.06$
 SEE SUPERELEVATION TABLE FOR DETAILS

EXIST. CURVE IL3_EX_3
 PI STA. = 563+81.53
 $\Delta = 29^\circ 59' 56''$ (LT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.93'$
 $T = 767.63'$
 $L = 1,500.02'$
 $E = 101.06'$
 $e = 2\%$
 $P.C. STA. = 556+13.90$
 $P.T. STA. = 571+13.93$

LEGEND - PROPOSED

- (01) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (02) AGGREGATE SHOULDERS, TYPE A 4"
- (03) AGGREGATE SURFACE COURSE, TYPE B, 6"
- (04) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- (05) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (06) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- (07) TRAFFIC BARRIER TERMINAL, TYPE 2
- (08) TRAFFIC BARRIER TERMINAL, TYPE 6

LEGEND - PROPOSED (ALT A)

- (09) TOPSOIL FURNISH AND PLACE, 4"
 - (10) SHOULDER RUMBLE STRIPS, 8 INCH
 - (11) STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
 - (12) STONE RIPRAP, CLASS A3
 - (13) FILTER FABRIC
 - (14) PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
- [XXX+XX.XX / XX.XX' LT] ROW LABEL

LEGEND - PROPOSED (ALT B)

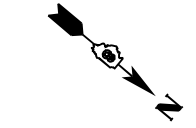
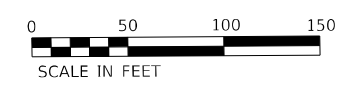
- (31) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11 1/4"
- (32) HOT-MIX ASPHALT SHOULDERS, 8"
- (33) HOT-MIX ASPHALT SHOULDERS, 9"

LEGEND - PROPOSED (ALT B)

- (50) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- (51) STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
- (52) PORTLAND CEMENT CONCRETE SHOULDERS 9"

NOTES

1. STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.



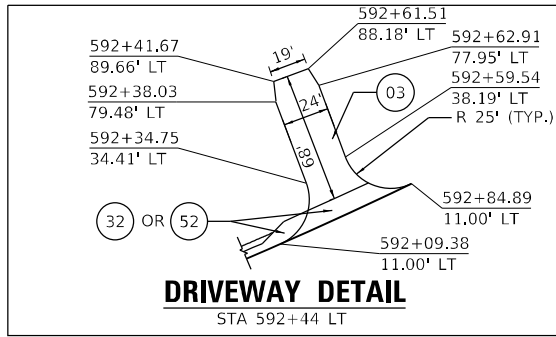
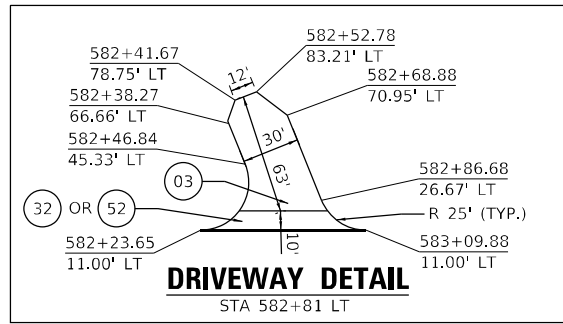
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PLOT SCALE = 1/2000.0005' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 6/6/2022	CHECKED - RKA	REVISED -
	DATE - 6/6/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 546+00.00 TO STA. 579+00.00

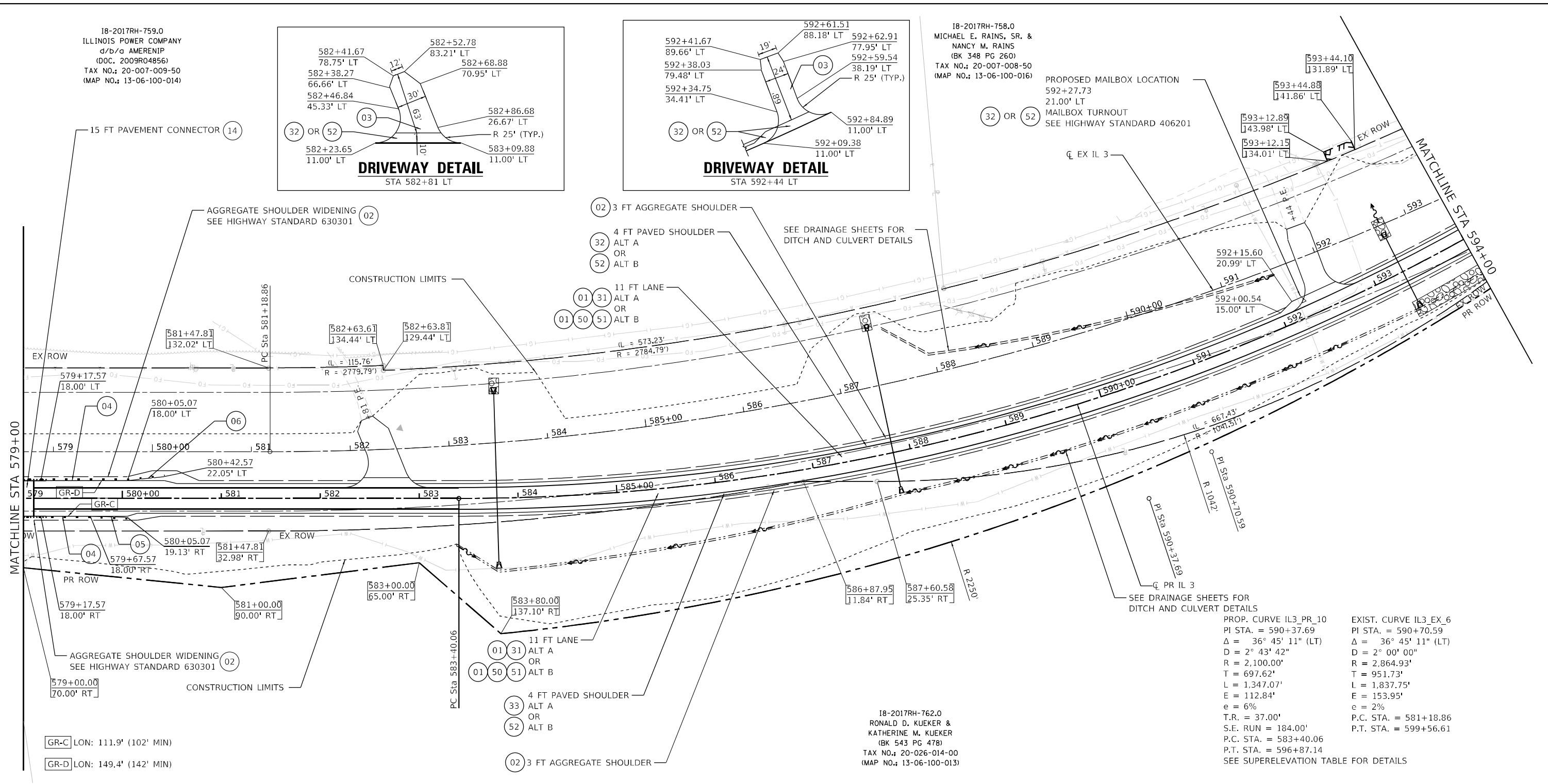
F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 40
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

18-2017RH-759.0
ILLINOIS POWER COMPANY
d/b/a AMERENIP
(DOC. 2009R04856)
TAX NO.: 20-007-009-50
(MAP NO.: 13-06-100-014)



18-2017RH-758.0
MICHAEL E. RAINS, SR. &
NANCY M. RAINS
(BK 348 PG 260)
TAX NO.: 20-007-008-50
(MAP NO.: 13-06-100-016)

PROPOSED MAILBOX LOCATION
592+27.73
21.00' LT
MAILBOX TURNOUT
SEE HIGHWAY STANDARD 406201



- LEGEND - PROPOSED**
- 01 AGGREGATE SUBGRADE IMPROVEMENT 12"
 - 02 AGGREGATE SHOULDERS, TYPE A 4"
 - 03 AGGREGATE SURFACE COURSE, TYPE B, 6"
 - 04 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 - 05 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - 06 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
 - 07 TRAFFIC BARRIER TERMINAL, TYPE 2
 - 08 TRAFFIC BARRIER TERMINAL, TYPE 6

- LEGEND - PROPOSED (ALT A)**
- 09 TOPSOIL FURNISH AND PLACE, 4"
 - 10 SHOULDER RUMBLE STRIPS, 8 INCH
 - 11 STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
 - 12 STONE RIPRAP, CLASS A3
 - 13 FILTER FABRIC
 - 14 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

- LEGEND - PROPOSED (ALT B)**
- 31 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11 1/4"
 - 32 HOT-MIX ASPHALT SHOULDERS, 8"
 - 33 HOT-MIX ASPHALT SHOULDERS, 9"
 - 50 PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
 - 51 STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
 - 52 PORTLAND CEMENT CONCRETE SHOULDERS 9"

GR-C LON: 111.9' (102' MIN)
GR-D LON: 149.4' (142' MIN)

18-2017RH-762.0
RONALD D. KUEKER &
KATHERINE M. KUEKER
(BK 543 PG 478)
TAX NO.: 20-026-014-00
(MAP NO.: 13-06-100-013)

PROP. CURVE IL3_PR_10
PI STA. = 590+37.69
Δ = 36° 45' 11" (LT)
D = 2° 43' 42"
R = 2,100.00'
T = 697.62'
L = 1,347.07'
E = 112.84'
e = 6%
T.R. = 37.00'
S.E. RUN = 184.00'
P.C. STA. = 583+40.06
P.T. STA. = 596+87.14
SEE SUPERELEVATION TABLE FOR DETAILS

EXIST. CURVE IL3_EX_6
PI STA. = 590+70.59
Δ = 36° 45' 11" (LT)
D = 2° 00' 00"
R = 2,864.93'
T = 951.73'
L = 1,837.75'
E = 153.95'
e = 2%
P.C. STA. = 581+18.86
P.T. STA. = 599+56.61

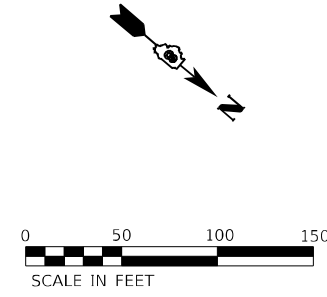


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PLOT SCALE = 1/2000.0005' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 6/6/2022	CHECKED - RKA	REVISED -
	DATE - 6/6/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
IL 3 /FAP 312 OVER NINE MILE CREEK
SCALE: 1" = 50'
SHEET 4 OF 5 SHEETS
STA. 579+00.00 TO STA. 594+00.00

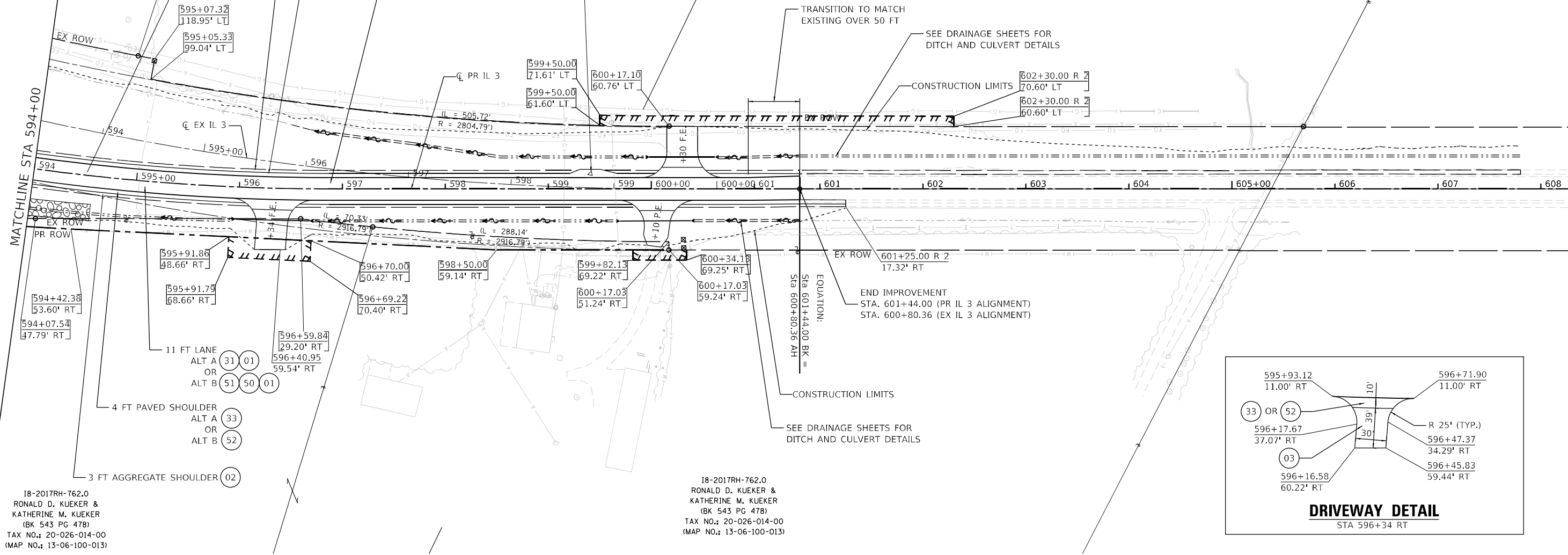
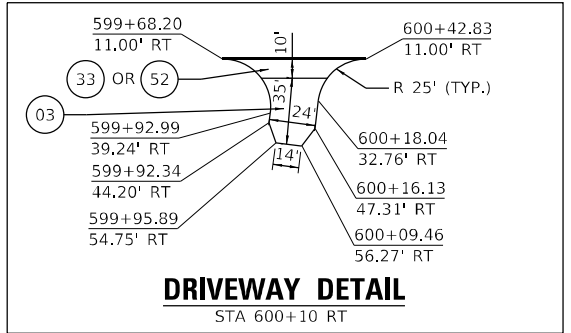
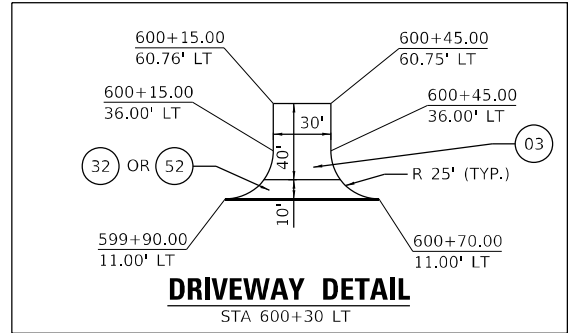
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	41
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



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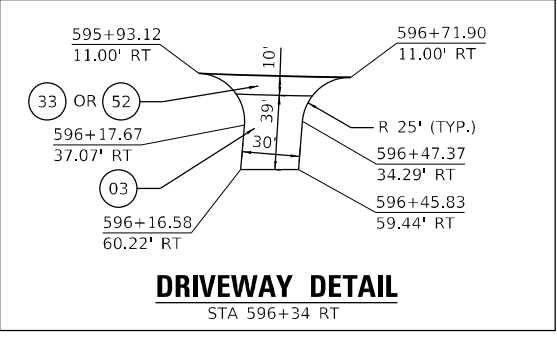
18-2017RH-758.0
MICHAEL E. RAINS, SR. &
NANCY M. RAINS
(BK 348 PG 260)
TAX NO.: 20-007-008-50
(MAP NO.: 13-06-100-016)

PROPOSED MAILBOX LOCATION
599+41.62
17.00' LT
MAILBOX TURNOUT
SEE HIGHWAY STANDARD 406201



18-2017RH-762.0
RONALD D. KUEKER &
KATHERINE M. KUEKER
(BK 543 PG 478)
TAX NO.: 20-026-014-00
(MAP NO.: 13-06-100-013)

18-2017RH-762.0
RONALD D. KUEKER &
KATHERINE M. KUEKER
(BK 543 PG 478)
TAX NO.: 20-026-014-00
(MAP NO.: 13-06-100-013)



LEGEND - PROPOSED

- 01 AGGREGATE SUBGRADE IMPROVEMENT 12"
- 02 AGGREGATE SHOULDERS, TYPE A 4"
- 03 AGGREGATE SURFACE COURSE, TYPE B, 6"
- 04 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- 05 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- 06 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- 07 TRAFFIC BARRIER TERMINAL, TYPE 2
- 08 TRAFFIC BARRIER TERMINAL, TYPE 6

LEGEND - PROPOSED (ALT A)

- 09 TOPSOIL FURNISH AND PLACE, 4"
- 10 SHOULDER RUMBLE STRIPS, 8 INCH
- 11 STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
- 12 STONE RIPRAP, CLASS A3
- 13 FILTER FABRIC
- 14 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

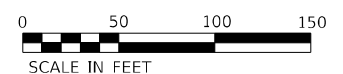
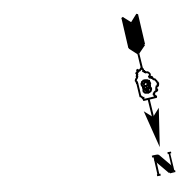
XXX+XX.XX
XX.XX' LT ROW LABEL

LEGEND - PROPOSED (ALT B)

- 50 PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- 51 STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
- 52 PORTLAND CEMENT CONCRETE SHOULDERS 9"

NOTES

1. STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.



USER NAME = ljones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1/200,000' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

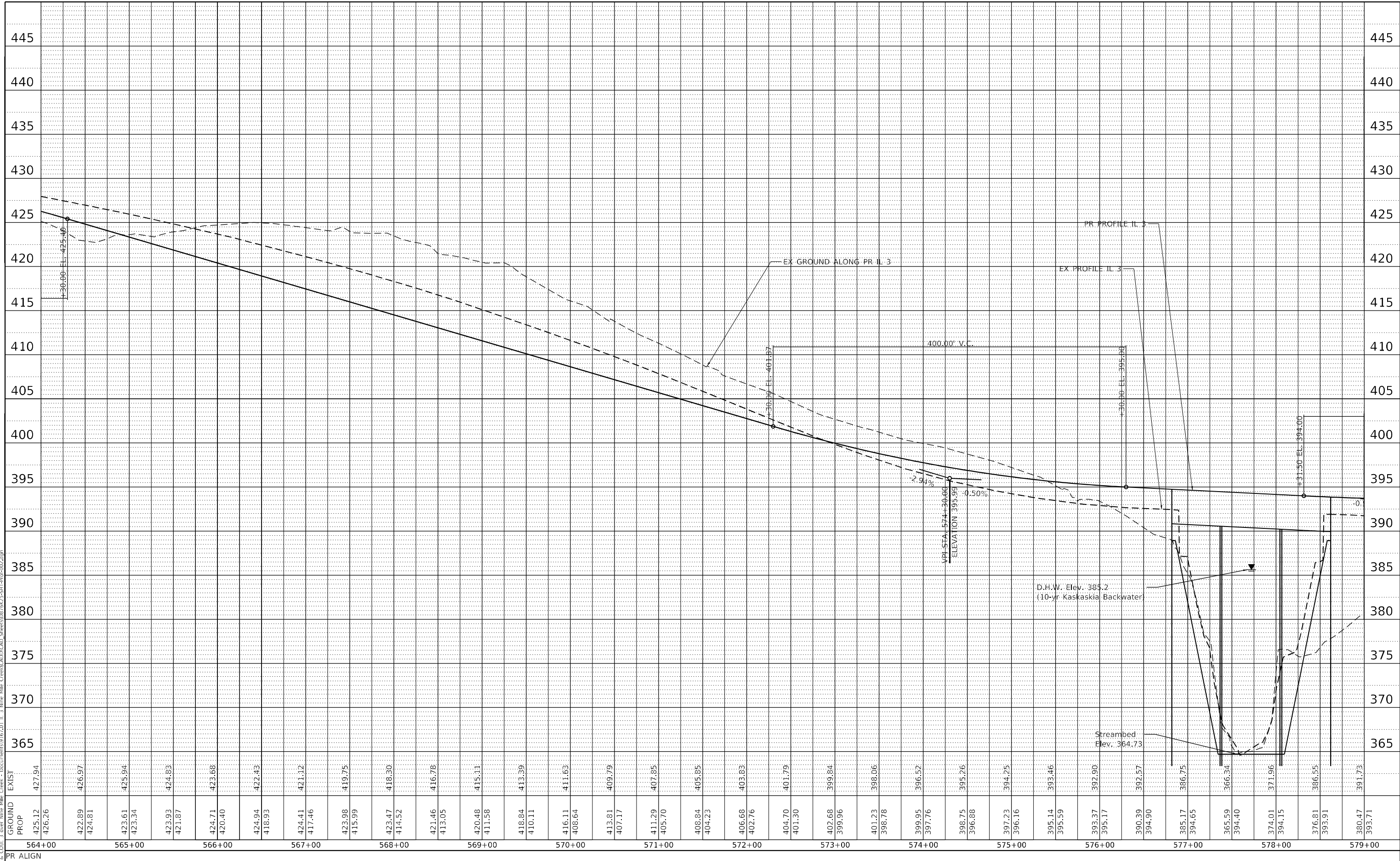
SCALE: 1" = 50'		SHEET 5 OF 5 SHEETS		STA. 594+00.00 TO STA. 608+27.08	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	42
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS C/RWD		
	NOTE BOOK NO.		

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PROP	425.12	424.81	423.61	423.34	424.71	424.94	424.41	423.98	423.47	421.46	420.48	418.84	416.11	413.81	411.29	408.84	406.68	404.23	404.70	402.68	401.23	399.95	398.75	397.23	395.14	393.37	390.39	385.17	365.59	374.01	376.81	380.47
GROUND	426.26	424.81	423.34	421.87	420.40	418.93	417.46	415.99	414.52	413.05	411.58	410.11	408.64	407.17	405.70	404.23	402.76	401.30	400.84	399.37	397.90	396.43	394.96	393.49	392.02	390.55	389.08	387.61	386.14	384.67	383.20	381.73

PR ALIGN



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

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

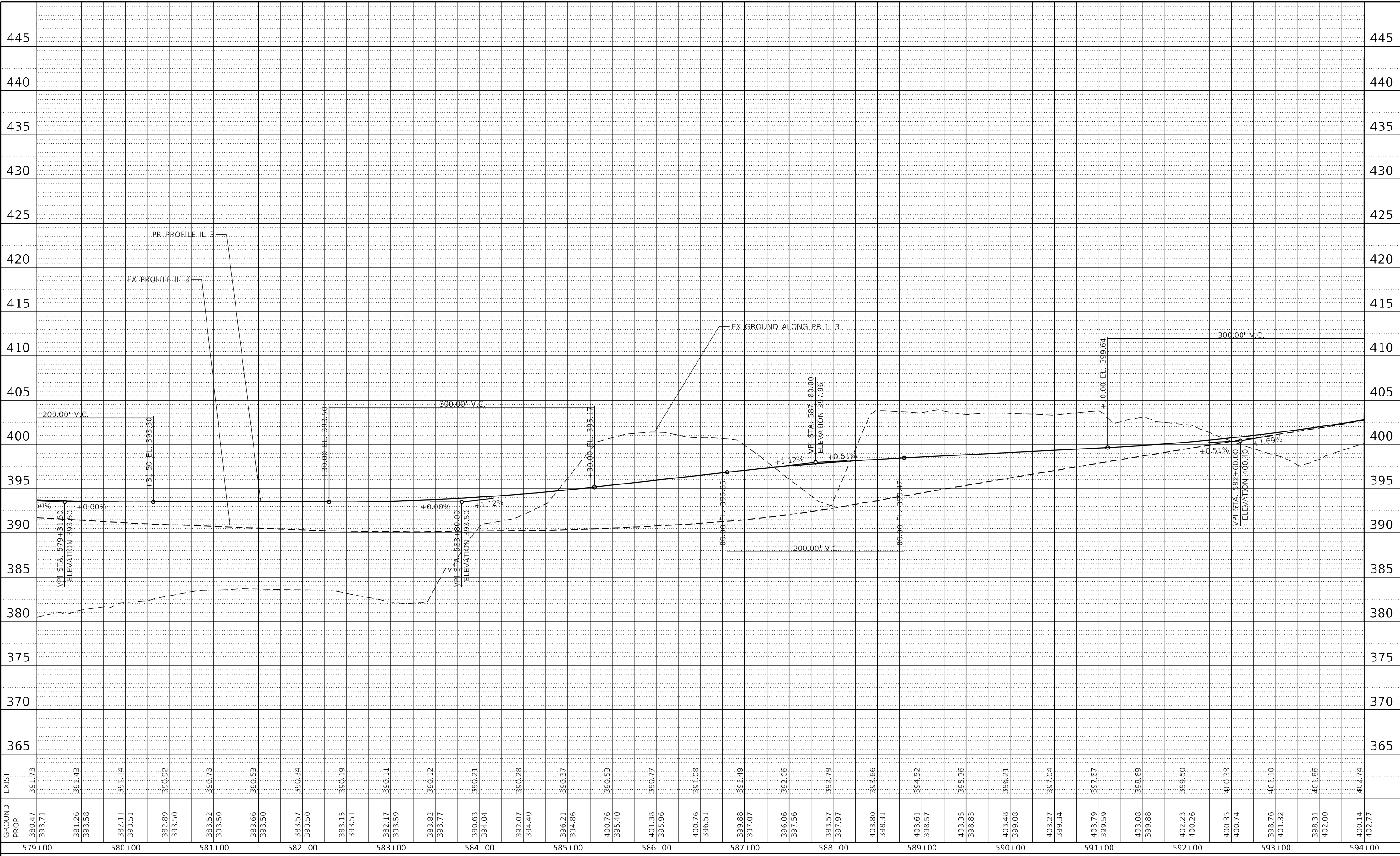
PROFILE SHEET			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 2	OF 4 SHEETS	STA. 564+00.00 TO STA. 579+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	44
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	ALIGNED		
PROFILE	CHECKED		
	NOTED		
NOTE BOOK NO.	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	ALIGNED		
STRUCTURE	CHECKED		
	NOTED		
NOTE BOOK NO.	CADD FILE NAME		

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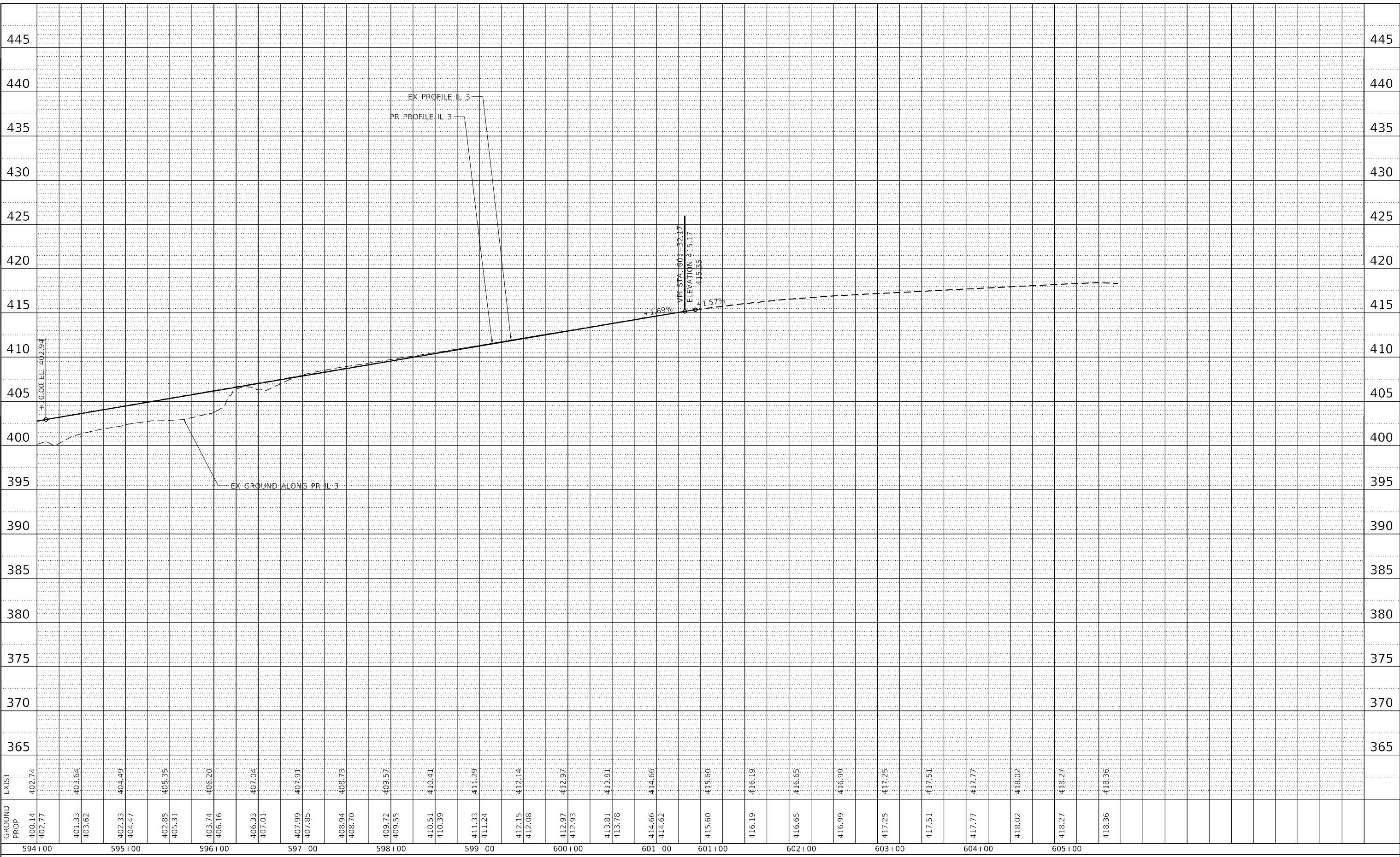


EXIST	391.73	391.43	391.14	390.92	390.73	390.53	390.34	390.19	390.11	390.12	390.21	390.28	390.37	390.53	390.77	391.08	391.49	392.06	392.79	393.66	394.52	395.36	396.21	397.07	397.97	398.80	399.66	400.52	401.36	402.21	403.06	403.92	404.74	405.52	406.36	407.14	407.97	408.74	409.52	410.36	411.14	411.97	412.74	413.52	414.36	415.14	415.97	416.74	417.52	418.36	419.14	419.97	420.74	421.52	422.36	423.14	423.97	424.74	425.52	426.36	427.14	427.97	428.74	429.52	430.36	431.14	431.97	432.74	433.52	434.36	435.14	435.97	436.74	437.52	438.36	439.14	439.97	440.74	441.52	442.36	443.14	443.97	444.74	445.52	446.36	447.14	447.97	448.74	449.52	450.36	451.14	451.97	452.74	453.52	454.36	455.14	455.97	456.74	457.52	458.36	459.14	459.97	460.74	461.52	462.36	463.14	463.97	464.74	465.52	466.36	467.14	467.97	468.74	469.52	470.36	471.14	471.97	472.74	473.52	474.36	475.14	475.97	476.74	477.52	478.36	479.14	479.97	480.74	481.52	482.36	483.14	483.97	484.74	485.52	486.36	487.14	487.97	488.74	489.52	490.36	491.14	491.97	492.74	493.52	494.36	495.14	495.97	496.74	497.52	498.36	499.14	499.97	500.74	501.52	502.36	503.14	503.97	504.74	505.52	506.36	507.14	507.97	508.74	509.52	510.36	511.14	511.97	512.74	513.52	514.36	515.14	515.97	516.74	517.52	518.36	519.14	519.97	520.74	521.52	522.36	523.14	523.97	524.74	525.52	526.36	527.14	527.97	528.74	529.52	530.36	531.14	531.97	532.74	533.52	534.36	535.14	535.97	536.74	537.52	538.36	539.14	539.97	540.74	541.52	542.36	543.14	543.97	544.74	545.52	546.36	547.14	547.97	548.74	549.52	550.36	551.14	551.97	552.74	553.52	554.36	555.14	555.97	556.74	557.52	558.36	559.14	559.97	560.74	561.52	562.36	563.14	563.97	564.74	565.52	566.36	567.14	567.97	568.74	569.52	570.36	571.14	571.97	572.74	573.52	574.36	575.14	575.97	576.74	577.52	578.36	579.14	579.97	580.74	581.52	582.36	583.14	583.97	584.74	585.52	586.36	587.14	587.97	588.74	589.52	590.36	591.14	591.97	592.74	593.52	594.36	595.14	595.97	596.74	597.52	598.36	599.14	599.97	600.74	601.52	602.36	603.14	603.97	604.74	605.52	606.36	607.14	607.97	608.74	609.52	610.36	611.14	611.97	612.74	613.52	614.36	615.14	615.97	616.74	617.52	618.36	619.14	619.97	620.74	621.52	622.36	623.14	623.97	624.74	625.52	626.36	627.14	627.97	628.74	629.52	630.36	631.14	631.97	632.74	633.52	634.36	635.14	635.97	636.74	637.52	638.36	639.14	639.97	640.74	641.52	642.36	643.14	643.97	644.74	645.52	646.36	647.14	647.97	648.74	649.52	650.36	651.14	651.97	652.74	653.52	654.36	655.14	655.97	656.74	657.52	658.36	659.14	659.97	660.74	661.52	662.36	663.14	663.97	664.74	665.52	666.36	667.14	667.97	668.74	669.52	670.36	671.14	671.97	672.74	673.52	674.36	675.14	675.97	676.74	677.52	678.36	679.14	679.97	680.74	681.52	682.36	683.14	683.97	684.74	685.52	686.36	687.14	687.97	688.74	689.52	690.36	691.14	691.97	692.74	693.52	694.36	695.14	695.97	696.74	697.52	698.36	699.14	699.97	700.74	701.52	702.36	703.14	703.97	704.74	705.52	706.36	707.14	707.97	708.74	709.52	710.36	711.14	711.97	712.74	713.52	714.36	715.14	715.97	716.74	717.52	718.36	719.14	719.97	720.74	721.52	722.36	723.14	723.97	724.74	725.52	726.36	727.14	727.97	728.74	729.52	730.36	731.14	731.97	732.74	733.52	734.36	735.14	735.97	736.74	737.52	738.36	739.14	739.97	740.74	741.52	742.36	743.14	743.97	744.74	745.52	746.36	747.14	747.97	748.74	749.52	750.36	751.14	751.97	752.74	753.52	754.36	755.14	755.97	756.74	757.52	758.36	759.14	759.97	760.74	761.52	762.36	763.14	763.97	764.74	765.52	766.36	767.14	767.97	768.74	769.52	770.36	771.14	771.97	772.74	773.52	774.36	775.14	775.97	776.74	777.52	778.36	779.14	779.97	780.74	781.52	782.36	783.14	783.97	784.74	785.52	786.36	787.14	787.97	788.74	789.52	790.36	791.14	791.97	792.74	793.52	794.36	795.14	795.97	796.74	797.52	798.36	799.14	799.97	800.74	801.52	802.36	803.14	803.97	804.74	805.52	806.36	807.14	807.97	808.74	809.52	810.36	811.14	811.97	812.74	813.52	814.36	815.14	815.97	816.74	817.52	818.36	819.14	819.97	820.74	821.52	822.36	823.14	823.97	824.74	825.52	826.36	827.14	827.97	828.74	829.52	830.36	831.14	831.97	832.74	833.52	834.36	835.14	835.97	836.74	837.52	838.36	839.14	839.97	840.74	841.52	842.36	843.14	843.97	844.74	845.52	846.36	847.14	847.97	848.74	849.52	850.36	851.14	851.97	852.74	853.52	854.36	855.14	855.97	856.74	857.52	858.36	859.14	859.97	860.74	861.52	862.36	863.14	863.97	864.74	865.52	866.36	867.14	867.97	868.74	869.52	870.36	871.14	871.97	872.74	873.52	874.36	875.14	875.97	876.74	877.52	878.36	879.14	879.97	880.74	881.52	882.36	883.14	883.97	884.74	885.52	886.36	887.14	887.97	888.74	889.52	890.36	891.14	891.97	892.74	893.52	894.36	895.14	895.97	896.74	897.52	898.36	899.14	899.97	900.74	901.52	902.36	903.14	903.97	904.74	905.52	906.36	907.14	907.97	908.74	909.52	910.36	911.14	911.97	912.74	913.52	914.36	915.14	915.97	916.74	917.52	918.36	919.14	919.97	920.74	921.52	922.36	923.14	923.97	924.74	925.52	926.36	927.14	927.97	928.74	929.52	930.36	931.14	931.97	932.74	933.52	934.36	935.14	935.97	936.74	937.52	938.36	939.14	939.97	940.74	941.52	942.36	943.14	943.97	944.74	945.52	946.36	947.14	947.97	948.74	949.52	950.36	951.14	951.97	952.74	953.52	954.36	955.14	955.97	956.74	957.52	958.36	959.14	959.97	960.74	961.52	962.36	963.14	963.97	964.74	965.52	966.36	967.14	967.97	968.74	969.52	970.36	971.14	971.97	972.74	973.52	974.36	975.14	975.97	976.74	977.52	978.36	979.14	979.97	980.74	981.52	982.36	983.14	983.97	984.74	985.52	986.36	987.14	987.97	988.74	989.52	990.36	991.14	991.97	992.74	993.52	994.36	995.14	995.97	996.74	997.52	998.36	999.14	999.97	1000.74	1001.52	1002.36	1003.14	1003.97	1004.74	1005.52	1006.36	1007.14	1007.97	1008.74	1009.52	1010.36	1011.14	1011.97	1012.74	1013.52	1014.36	1015.14	1015.97	1016.74	1017.52	1018.36	1019.14	1019.97	1020.74	1021.52	1022.36	1023.14	1023.97	1024.74	1025.52	1026.36	1027.14	1027.97	1028.74	1029.52	1030.36	1031.14	1031.97	1032.74	1033.52	1034.36	1035.14	1035.97	1036.74	1037.52	1038.36	1039.14	1039.97	1040.74	1041.52	1042.36	1043.14	1043.97	1044.74	1045.52	1046.36	1047.14	1047.97	1048.74	1049.52	1050.36	1051.14	1051.97	1052.74	1053.52	1054.36	1055.14	1055.97	1056.74	1057.52	1058.36	1059.14	1059.97	1060.74	1061.52	1062.36	1063.14	1063.97	1064.74	1065.52	1066.36	1067.14	1067.97	1068.74	1069.52	1070.36	1071.14	1071.97	1072.74	1073.52	1074.36	1075.14	1075.97	1076.74	1077.52	1078.36	1079.14	1079.97	1080.74	1081.52	1082.36	1083.14	1083.97	1084.74	1085.52	1086.36	1087.14	1087.97	1088.74	1089.52	1090.36	1091.14	1091.97	1092.74	1093.52	1094.36	1095.14	1095.97	1096.74	1097.52	1098.36	1099.14	1099.97	1100.74	1101.52	1102.36	1103.14	1103.97	1104.74	1105.52	1106.36	1107.14	1107.97	1108.74	1109.52	1110.36	1111.14	1111.97	1112.74	1113.52	1114.36	1115.14	1115.97	1116.74	1117.52	1118.36	1119.14	1119.97	1120.74	1121.52	1122.36	1123.14	1123.97	1124.74	1125.52	1126.36	1127.14	1127.97	1128.74	1129.52	1130.36	1131.14	1131.97	1132.74	1133.52	1134.36	1135.14	1135.97	1136.74	1137.52	1138.36	1139.14	1139.97	1140.74	1141.52	1142.36	1143.14	1143.97	1144.74	1145.52	1146.36	1147.14	1147.97	1148.74	1149.52	1150.36	1151.14	1151.97	1152.74	1153.52	1154.36	1155.14	1155.97	1156.74	1157.52	1158.36	1159.14	1159.97	1160.74	1161.52	1162.36	1163.14	1163.97	1164.74	1165.52	1166.36	1167.14	1167.97	1168.74	1169.52	1170.36	1171.14	1171.97	1172.74	1173.52	1174.36	1175.14	1175.97	1176.74	1177.52	1178.36	1179.14	1179.97	1180.74	1181.52	1182.36	1183.14	1183.97	1184.74	1185.52	1186.36	1187.14	1187.97	1188.74	1189.52	1190.36	1191.14	1191.97	1192.74	1193.52	1194.36	1195.14	1195.97	1196.74	1197.52	1198.36	1199.14	1199.97	1200.74	1201.52	1202.36	1203.14	1203.97	1204.74	1205.52	1206.36	1207.14	1207.97	1208.74	1209.52	
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS C/W/D		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS C/W/D		
	CADD FILE NAME		

MODEL: Default
 FILE NAME: C:\P\WORKS & COLL 3 over Nine Mile Creek - Documents\9167201 IL 3 Nine Mile Creek\CADD\CAD - Sheets\0876235511r11p=501.dwg



GROUND PROP	EXIST
594+00 400.14 402.77	402.74
595+00 401.33 403.62	403.64
596+00 402.33 404.47	404.49
402.85 405.31	405.35
597+00 403.74 406.16	406.20
406.33 407.01	407.04
598+00 407.99 407.85	407.91
408.94 408.70	408.73
599+00 409.72 409.55	409.57
410.51 410.39	410.41
411.33 411.24	411.29
412.15 412.08	412.14
600+00 412.97 412.93	412.97
413.81 413.78	413.81
601+00 414.66 414.62	414.66
415.60	415.60
602+00 416.19 416.65	416.19
416.99	416.99
603+00 417.25	417.25
417.51	417.51
604+00 417.77	417.77
418.02	418.02
605+00 418.27	418.27
418.36	418.36

PR ALIGN



USER NAME = tjones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1200,0000 ' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROFILE SHEET			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 4	OF 4 SHEETS	STA. 594+00.00 TO STA. 606+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 46
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL AND PROTECTION

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL FOR THIS WORK: 7010001, 7010006, 7010011, 701301, 701306, 701311, 701326, AND 701331.

THE CONTRACTOR SHALL PROVIDE TEMPORARY MAILBOXES AND SHALL COORDINATE WITH THE UNITED STATES POSTAL SERVICE TO DETERMINE THE TEMPORARY MAILBOX LOCATION. THIS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL.

THE CONTRACTOR SHALL MAINTAIN DRIVEWAY ACCESS THROUGHOUT ALL STAGES OF CONSTRUCTION. DRIVEWAY ACCESS SHALL BE PAID FOR AS AGGREGATE FOR TEMPORARY ACCESS.

PRE-STAGE MAINTENANCE OF TRAFFIC

STRIPE THE EXISTING PAVEMENT MARKING TO ELIMINATE PASSING ZONES WITHIN PROJECT LIMITS USING STANDARD 701311.

SHIFT BOTH LANES OF TRAFFIC TOWARD THE EXISTING RIGHT SHOULDER.

PRE-STAGE CONSTRUCTION

CONSTRUCT TEMPORARY PAVEMENT AND TEMPORARY DITCH LEFT AT THE START AND END OF PROJECT.

REMOVE TREES USING STANDARD 701001.

STAGE 1 MAINTENANCE OF TRAFFIC

ERECT TEMPORARY CONCRETE BARRIER ALONG EXISTING RIGHT PAVED SHOULDER USING STANDARD 701306.

SHIFT TRAFFIC ONTO THE TEMPORARY PAVEMENT USING STAGE 1 PLANS.

STAGE 1 CONSTRUCTION

REMOVE EXISTING RIGHT AGGREGATE SHOULDER. CONSTRUCT TEMPORARY MEDIAN DITCH BETWEEN ALIGNMENTS AND TEMPORARY DRAINAGE STRUCTURES.

REMOVE EXISTING PAVEMENT AT START AND END OF PROJECT.

CONSTRUCT PROPOSED PAVEMENT, PAVED SHOULDERS, RIGHT AGG SHOULDER, AND RIGHT DITCH.

STAGE 2 MAINTENANCE OF TRAFFIC

ERECT TEMPORARY CONCRETE BARRIER ALONG PROPOSED LEFT PAVED SHOULDER USING STANDARD 701306.

SHIFT TRAFFIC ONTO THE PROPOSED PAVEMENT USING STAGE 2 PLANS.

STAGE 2 CONSTRUCTION

REMOVE EXISTING PAVEMENT, TEMPORARY PAVEMENT, EXISTING STRUCTURE, EXISTING BOX CULVERT, AND EXISTING AND TEMPORARY DRAINAGE STRUCTURES.

CONSTRUCT PROPOSED LEFT AGGREGATE SHOULDER, LEFT DITCH, AND REMAINING LEFT PAVED SHOULDER.

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

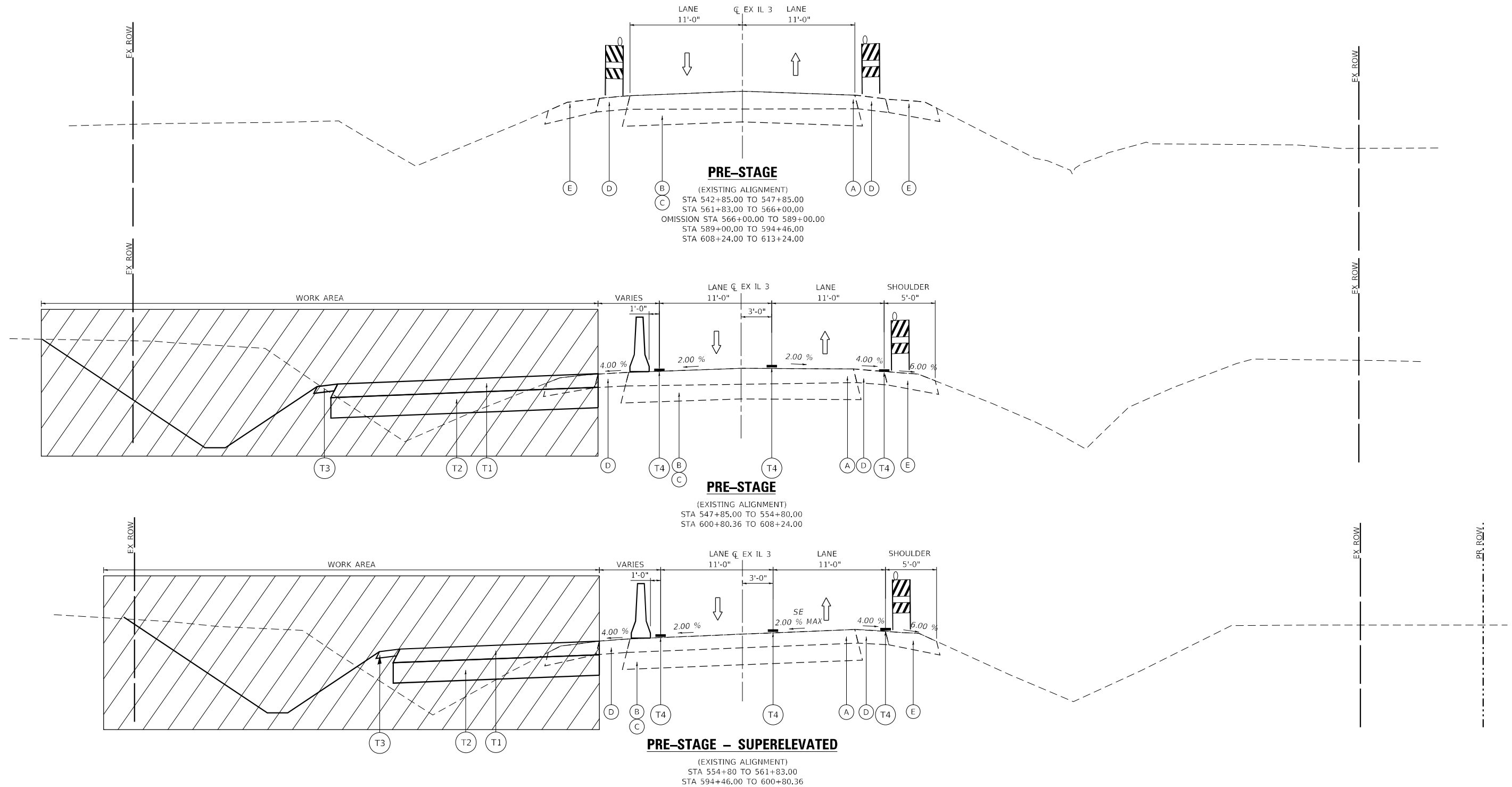
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION NOTES AND DETAILS
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	47
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				



LEGEND - EXISTING

- (A) EXISTING BITUMINOUS OVERLAY 8"
- (B) EXISTING PCC PAVEMENT 6"
- (C) EXISTING PCC WIDENING 9"
- (D) EXISTING HMA SHOULDER 8"
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL

LEGEND - STAGING

- (T1) TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (T2) TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- (T3) TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- (T4) TEMPORARY PAVEMENT MARKING - LINE 4"
- (T5) TEMPORARY CULVERT

- WORK AREA
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER PINNING TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.

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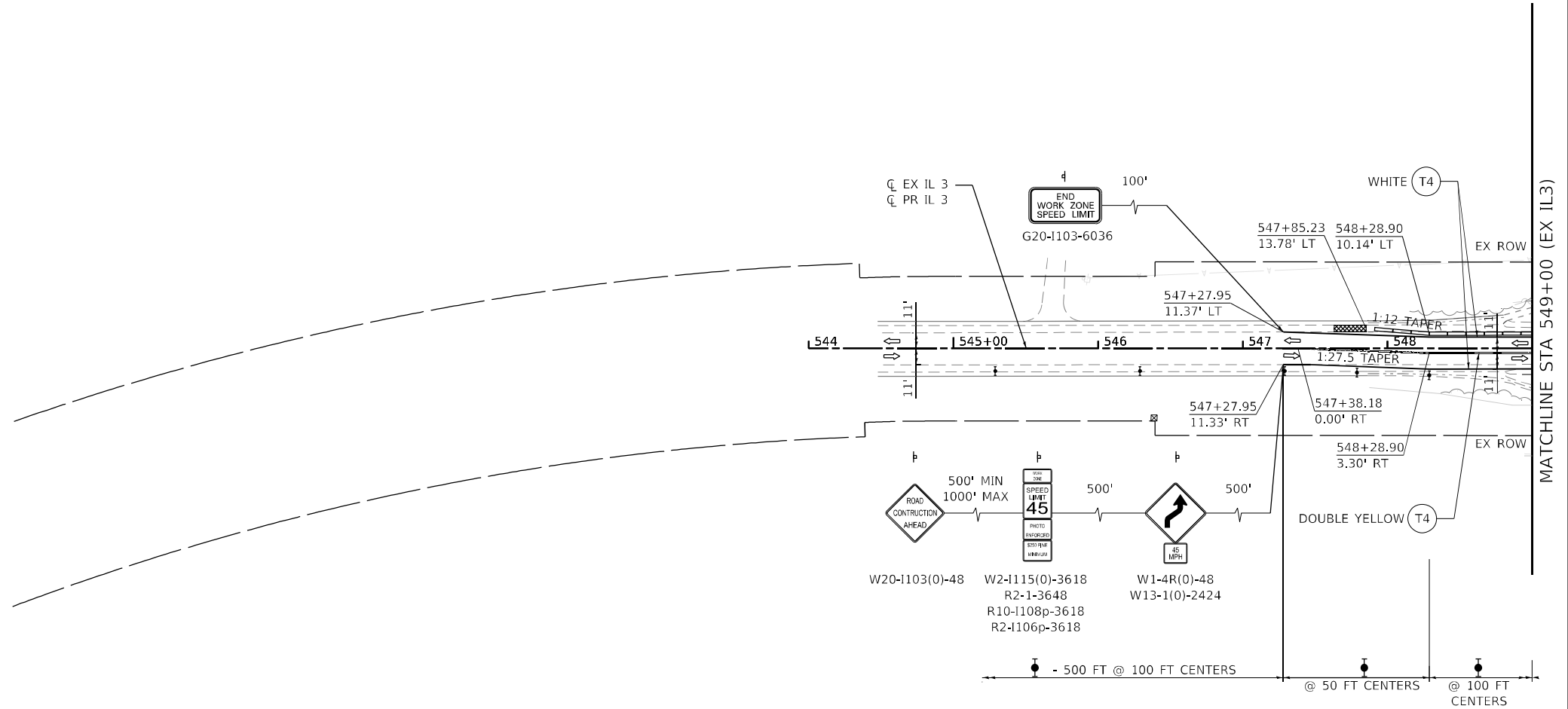
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 10' SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	48
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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MATCHLINE STA 549+00 (EX IL3)

LEGEND - STAGING

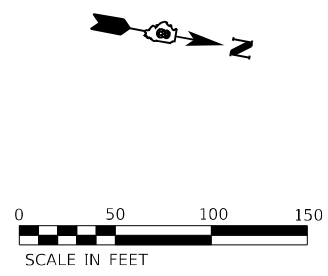
- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS

- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



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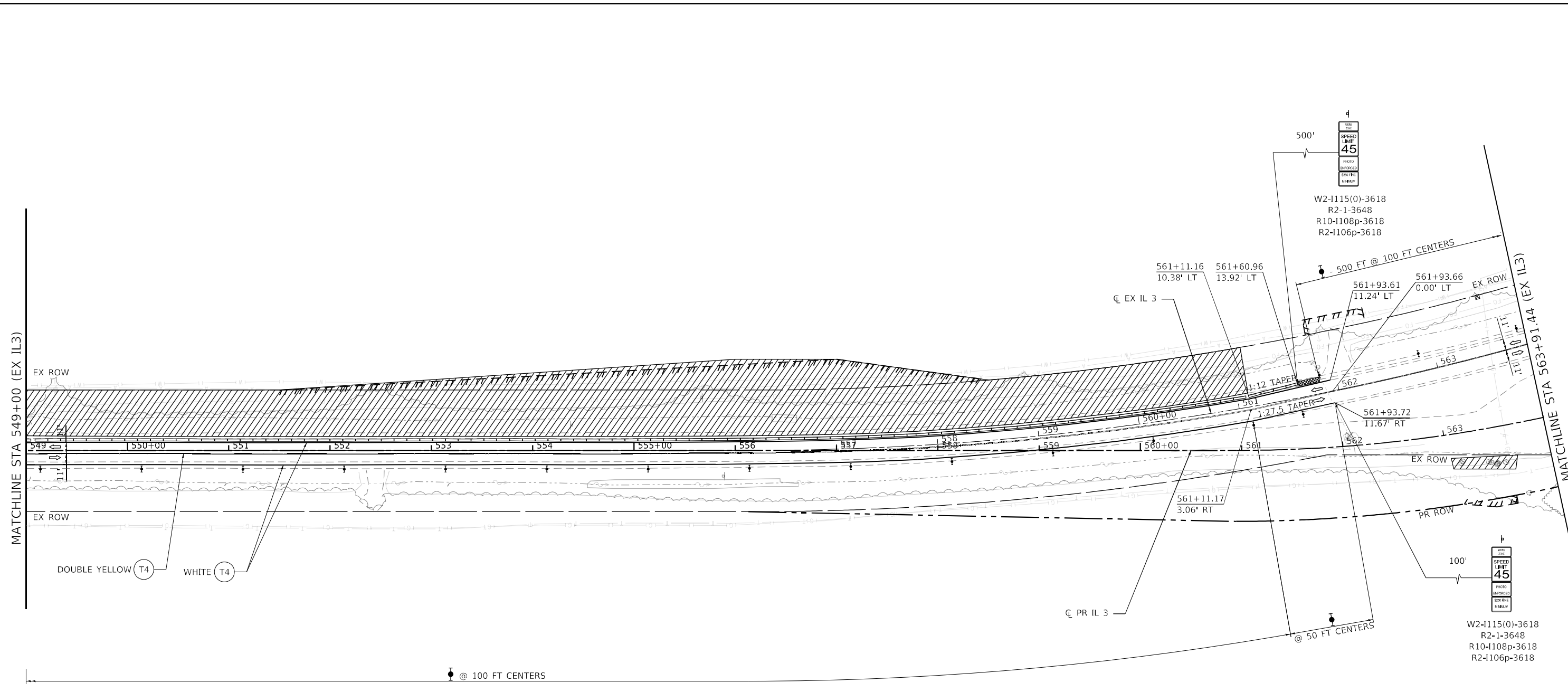
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 2 OF 9 SHEETS STA. TO STA. 549+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	49
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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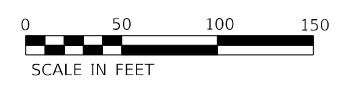
LEGEND - STAGING

- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- (T1) TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (T2) TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- (T3) TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- (T4) TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- (T5) TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
 XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



USER NAME = ljones	DESIGNED - LNJ	REVISED -
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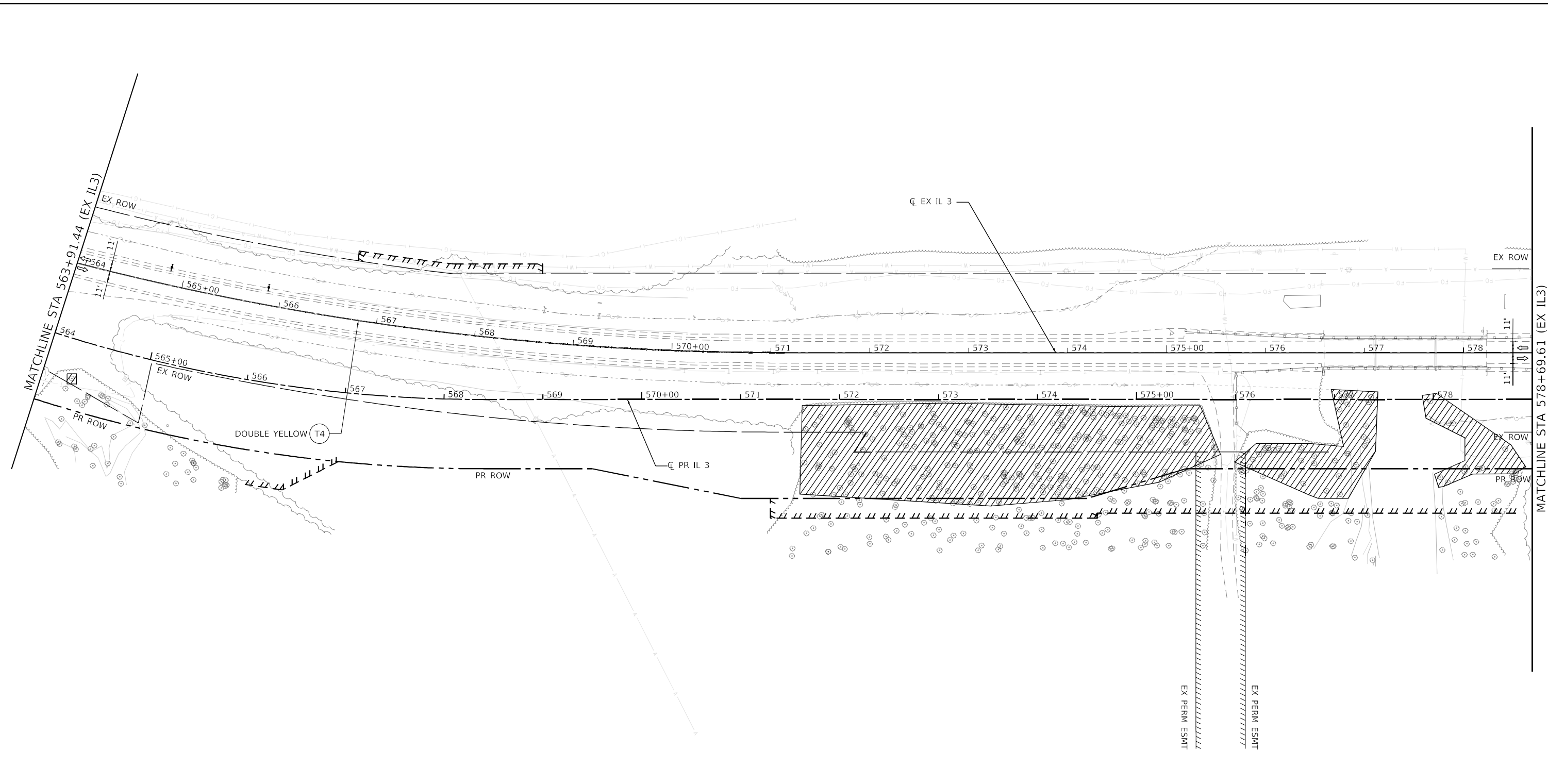
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 3 OF 9 SHEETS STA. 549+00.00 TO STA. 563+91.44

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	50
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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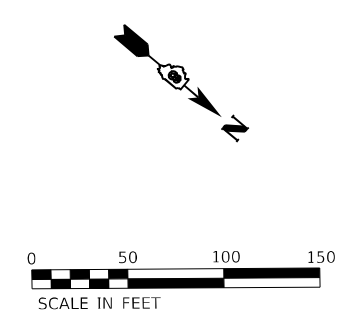
- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS

- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



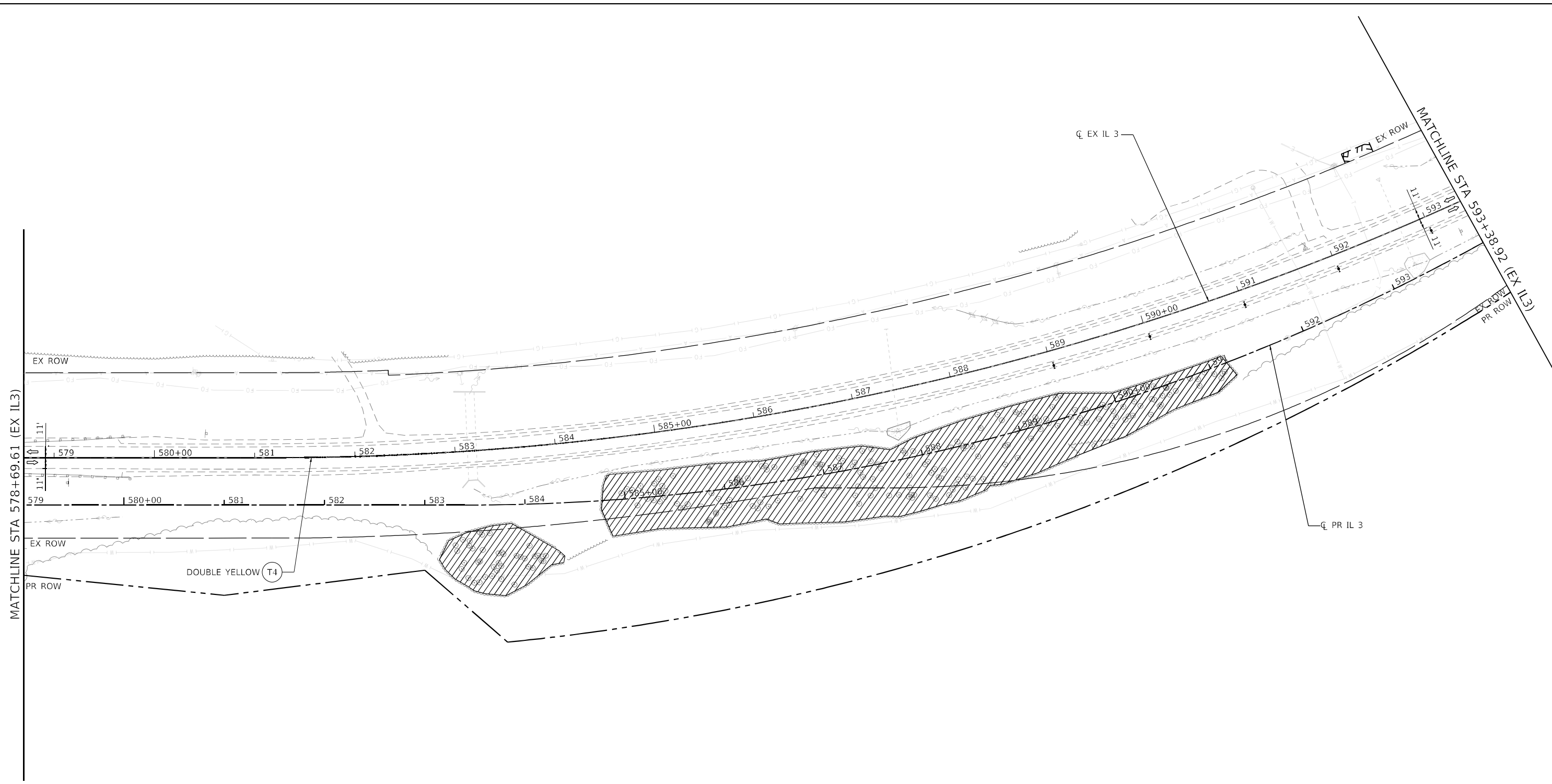
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 4 OF 9 SHEETS STA. 563+91.44 TO STA. 578+69.61

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	51
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



LEGEND - STAGING

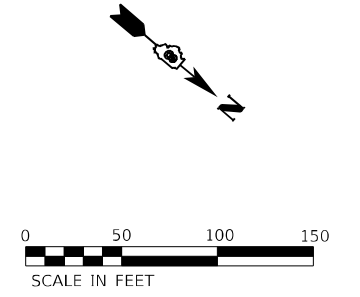
- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS

- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



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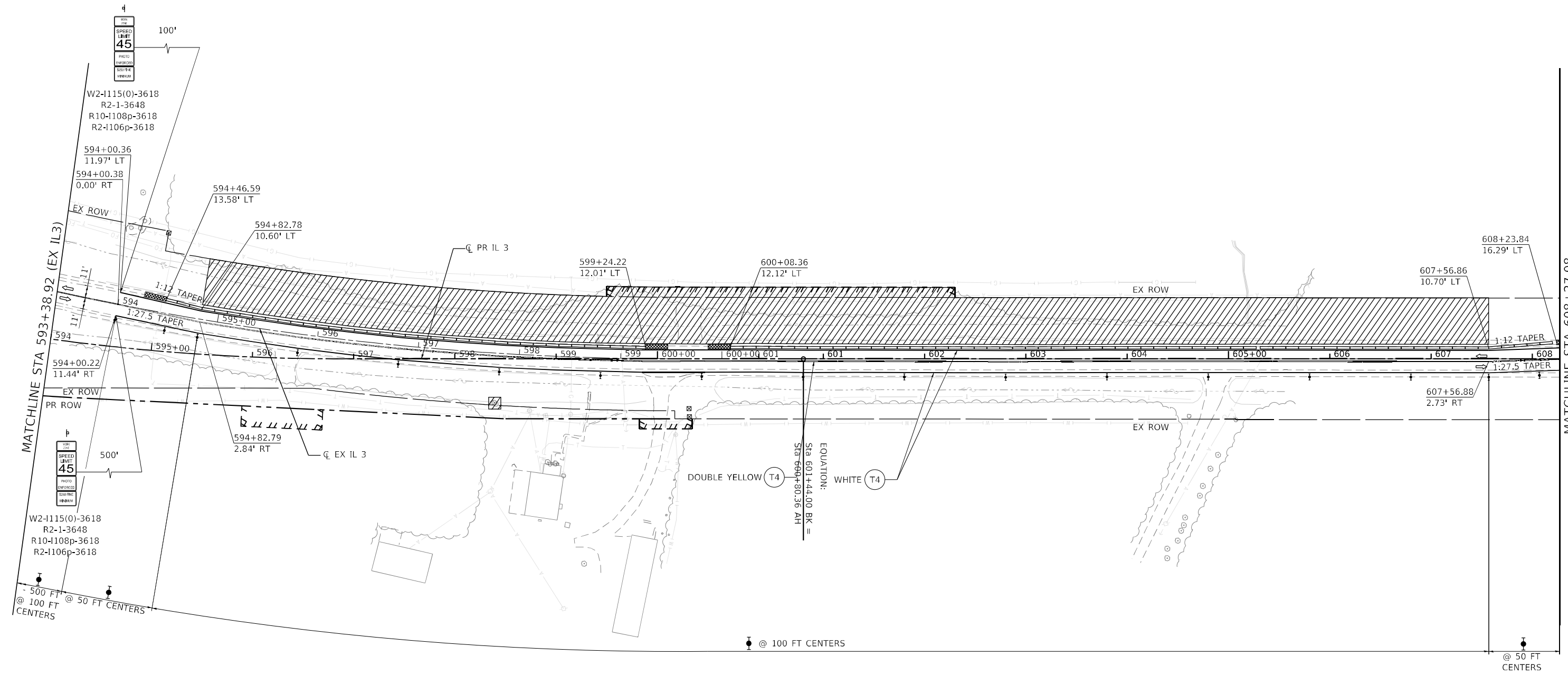
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 5 OF 9 SHEETS STA. 578+69.61 TO STA. 593+38.92

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	52
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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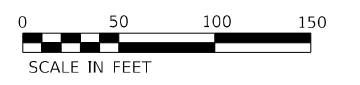
- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS

- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



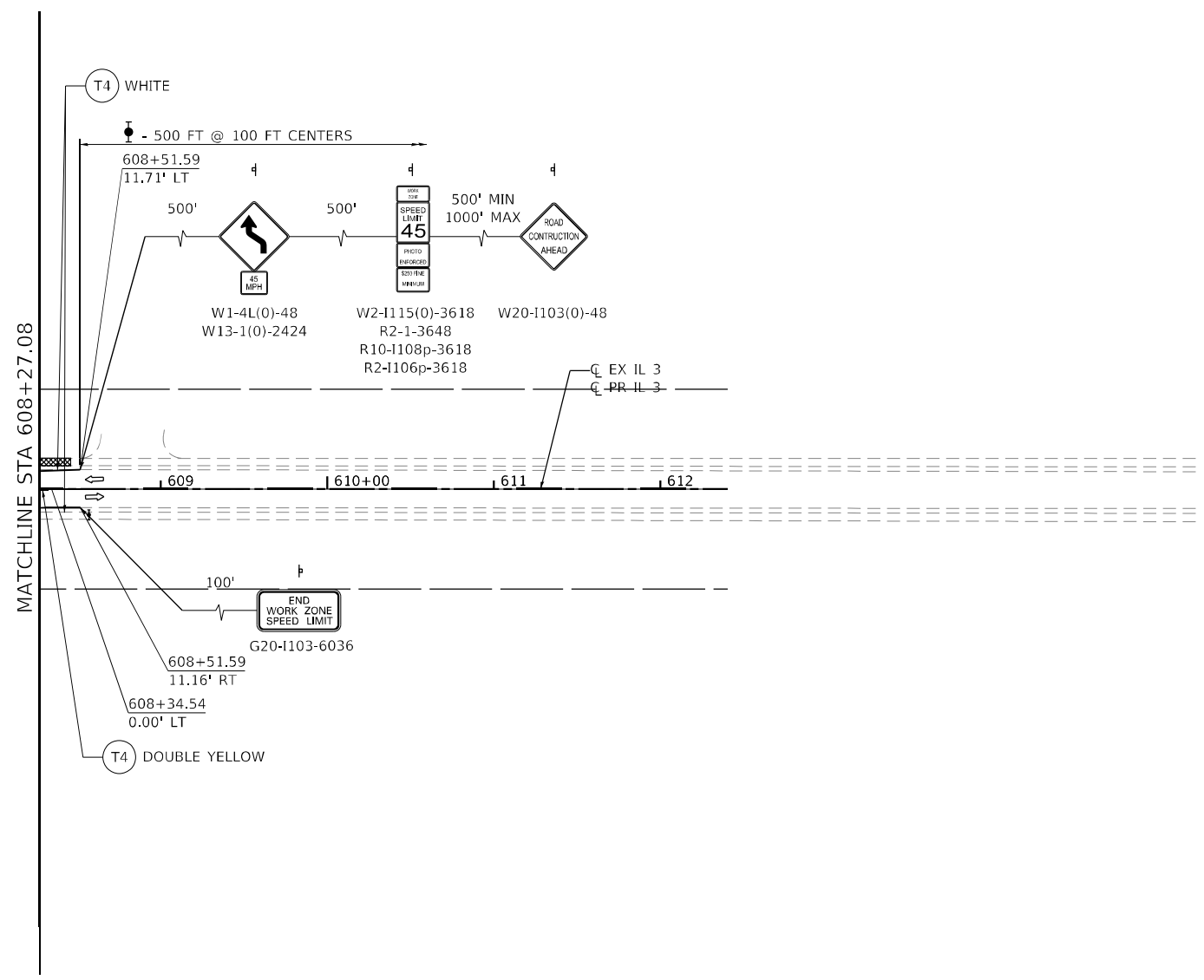
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	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 6 OF 9 SHEETS STA. 593+38.92 TO STA. 608+27.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	53
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				



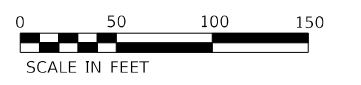
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- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



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

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	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**

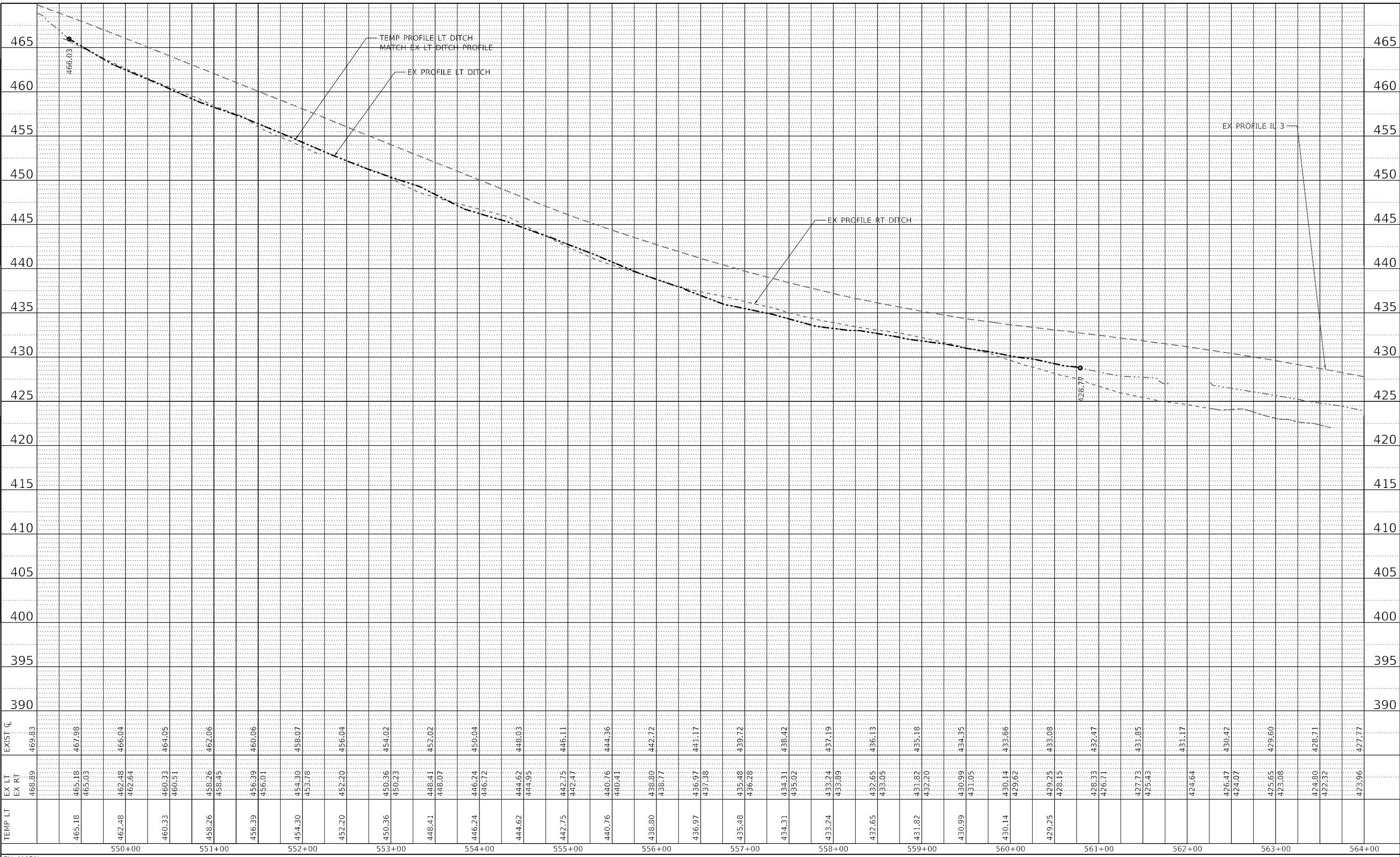
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	54
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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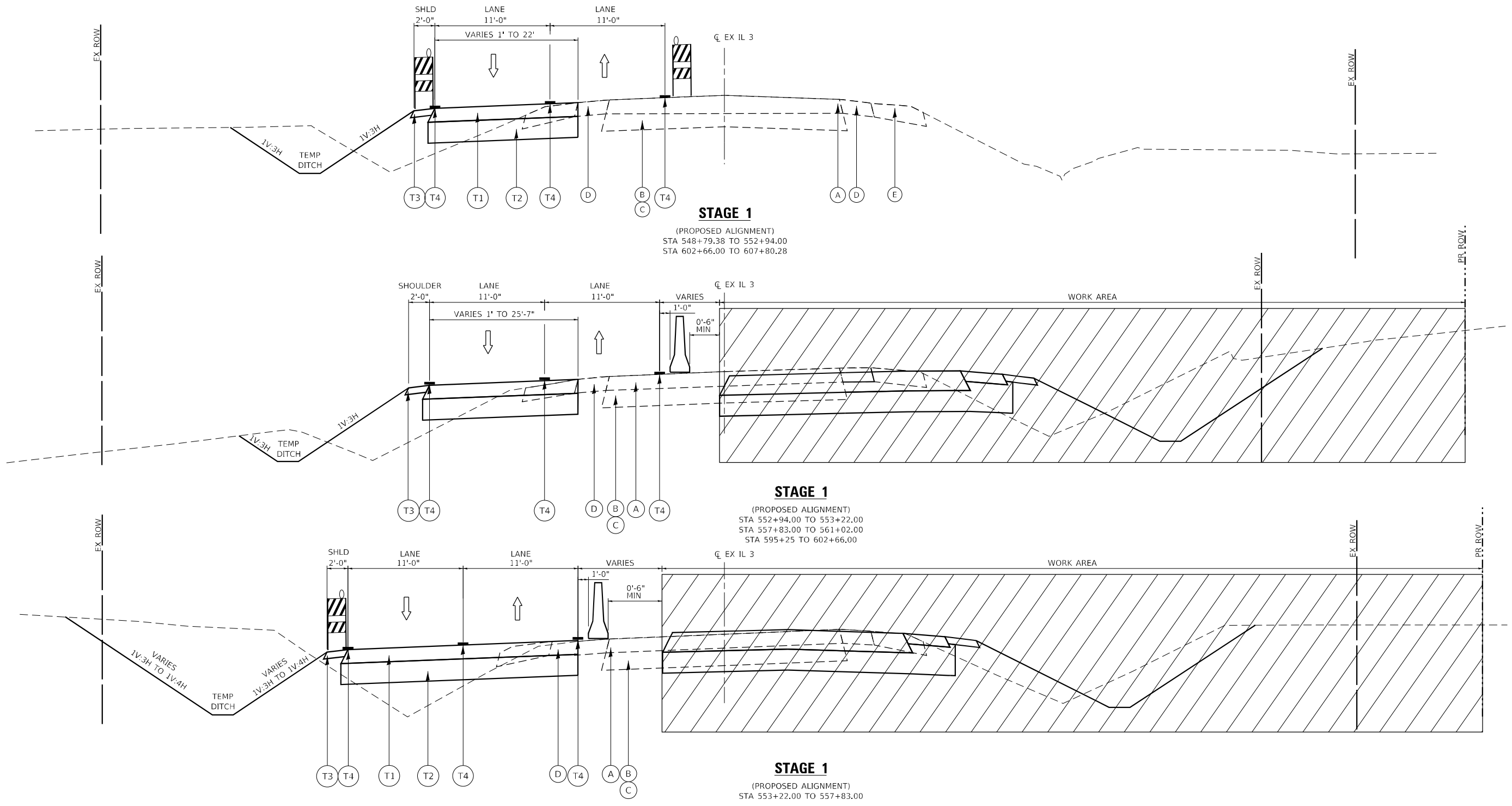
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EX LT	468.89	465.03	462.64	460.51	458.45	456.01	454.30	450.23	448.07	446.72	444.95	442.47	440.41	438.77	437.38	435.28	434.31	433.89	432.65	431.82	430.99	430.14	429.25	428.15	428.33	426.71	427.73	425.43	424.64	426.47	424.07	425.65	423.08	424.80	422.32	423.96
EX RT	469.83	467.98	466.04	464.05	462.06	458.07	456.04	454.02	452.02	450.04	448.03	446.11	444.36	442.72	441.17	439.72	438.42	437.19	436.13	435.18	434.35	433.66	433.08	432.47	431.85	431.17	430.42	429.60	428.71	427.77	426.80	425.80	424.80	423.80	422.80	421.80
EXIST C	469.83	467.98	466.04	464.05	462.06	458.07	456.04	454.02	452.02	450.04	448.03	446.11	444.36	442.72	441.17	439.72	438.42	437.19	436.13	435.18	434.35	433.66	433.08	432.47	431.85	431.17	430.42	429.60	428.71	427.77	426.80	425.80	424.80	423.80	422.80	421.80

EX ALIGN			
design firm no. 184001036 engineers • planners • land surveyors	USER NAME = tjones PLOT SCALE = 1200,0000 ' / ft. PLOT DATE = 3/14/2022	DESIGNED - LNJ DRAWN - LNJ CHECKED - RKA DATE - 3/14/2022	REVISED - REVISED - REVISED - REVISED -
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TEMPORARY DRAINAGE PROFILE - PRE-STAGE IL 3 /FAP 312 OVER NINE MILE CREEK	
SCALE: 1" = 50'		SHEET 8 OF 9 SHEETS STA. TO STA.	
F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293 SHEET NO. 55
ILLINOIS FED. AID PROJECT		CONTRACT NO. 76K25	



LEGEND - EXISTING

- (A) EXISTING BITUMINOUS OVERLAY 8"
- (B) EXISTING PCC PAVEMENT 6"
- (C) EXISTING PCC WIDENING 9"
- (D) EXISTING HMA SHOULDER 8"
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL

LEGEND - STAGING

- (T1) TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (T2) TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- (T3) TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- (T4) TEMPORARY PAVEMENT MARKING - LINE 4"
- (T5) TEMPORARY CULVERT

- WORK AREA
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.

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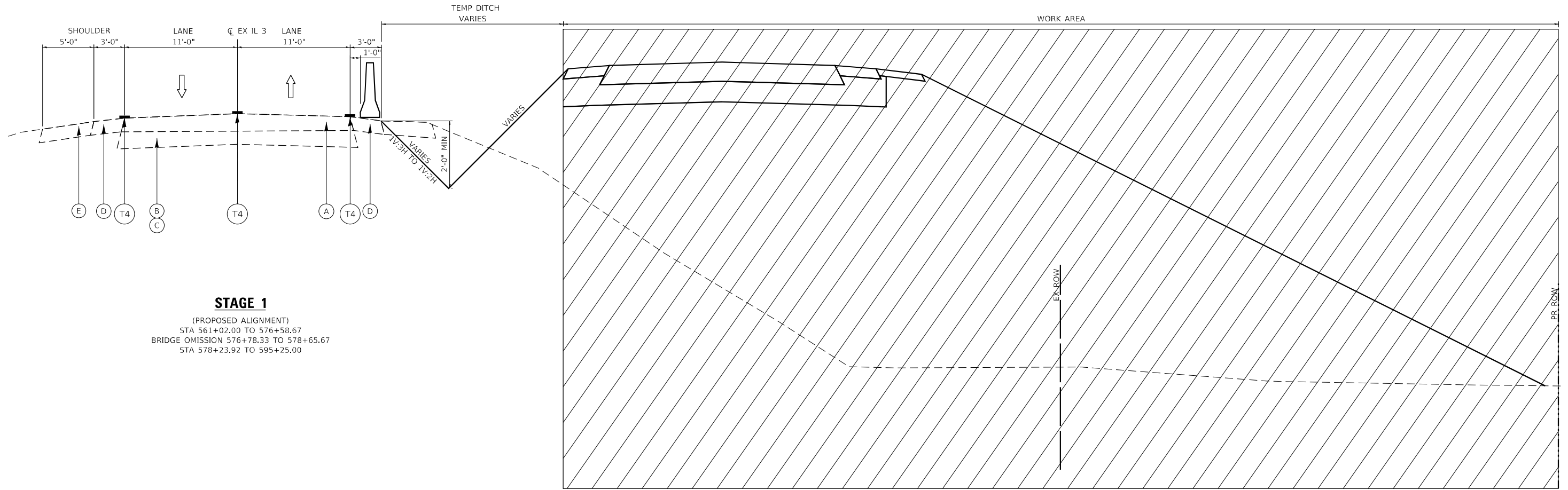
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	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 10' SHEET 1 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	57
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



STAGE 1
 (PROPOSED ALIGNMENT)
 STA 561+02.00 TO 576+58.67
 BRIDGE OMISSION 576+78.33 TO 578+65.67
 STA 578+23.92 TO 595+25.00

LEGEND - EXISTING

- (A) EXISTING BITUMINOUS OVERLAY 8"
- (B) EXISTING PCC PAVEMENT 6"
- (C) EXISTING PCC WIDENING 9"
- (D) EXISTING HMA SHOULDER 8"
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL

LEGEND - STAGING

- (T1) TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (T2) TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- (T3) TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- (T4) TEMPORARY PAVEMENT MARKING - LINE 4"
- (T5) TEMPORARY CULVERT

- WORK AREA
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER PINNING TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.

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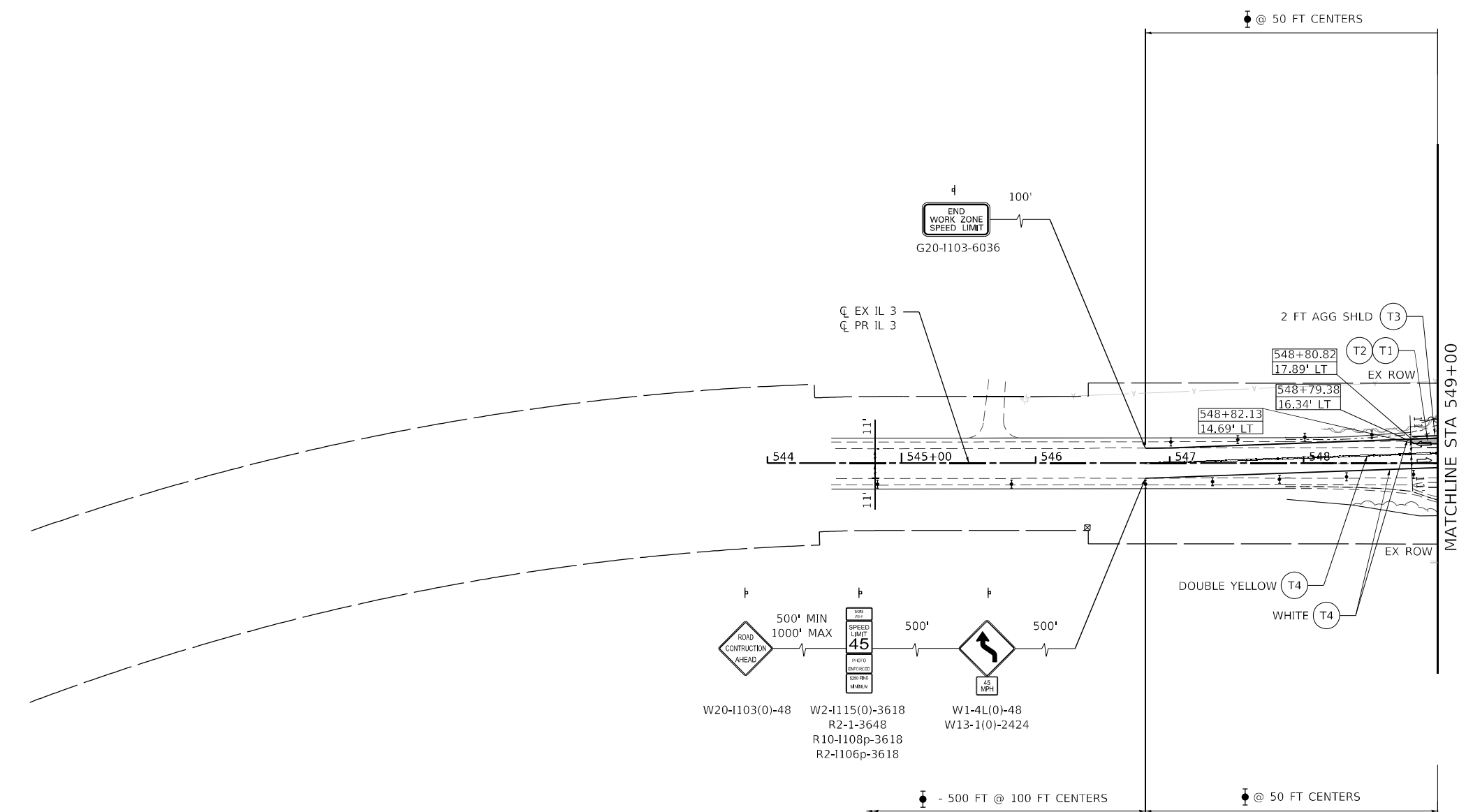
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 10' SHEET 2 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	58
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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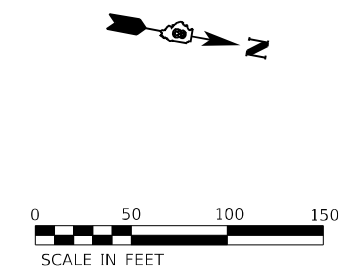
LEGEND - STAGING

- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- TEMPORARY PAVEMENT LABEL
- TEMPORARY DRAINAGE LABEL



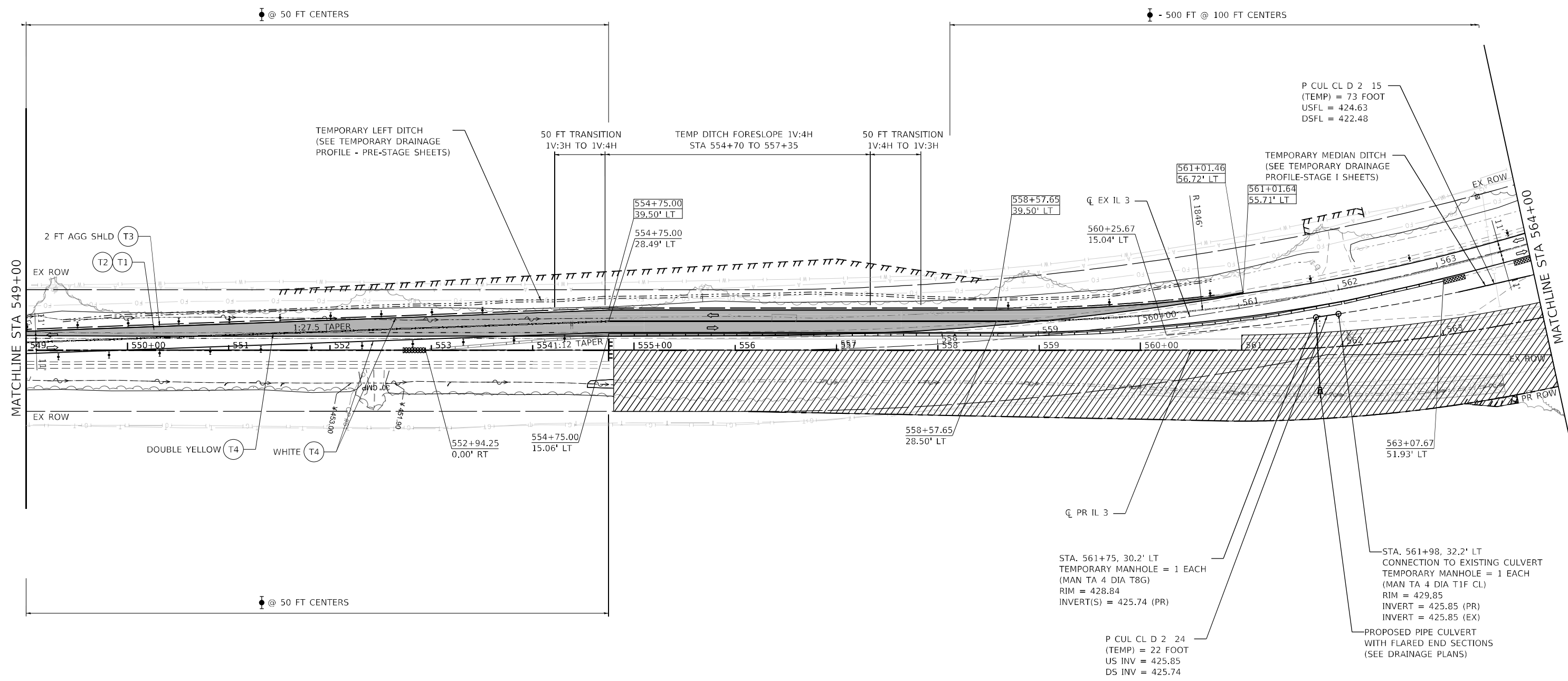
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 3 OF 14 SHEETS STA. TO STA. 549+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	59
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



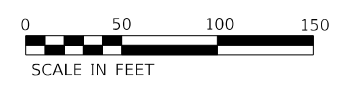
LEGEND - STAGING

- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- (T1) TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (T2) TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- (T3) TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- (T4) TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- (T5) TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



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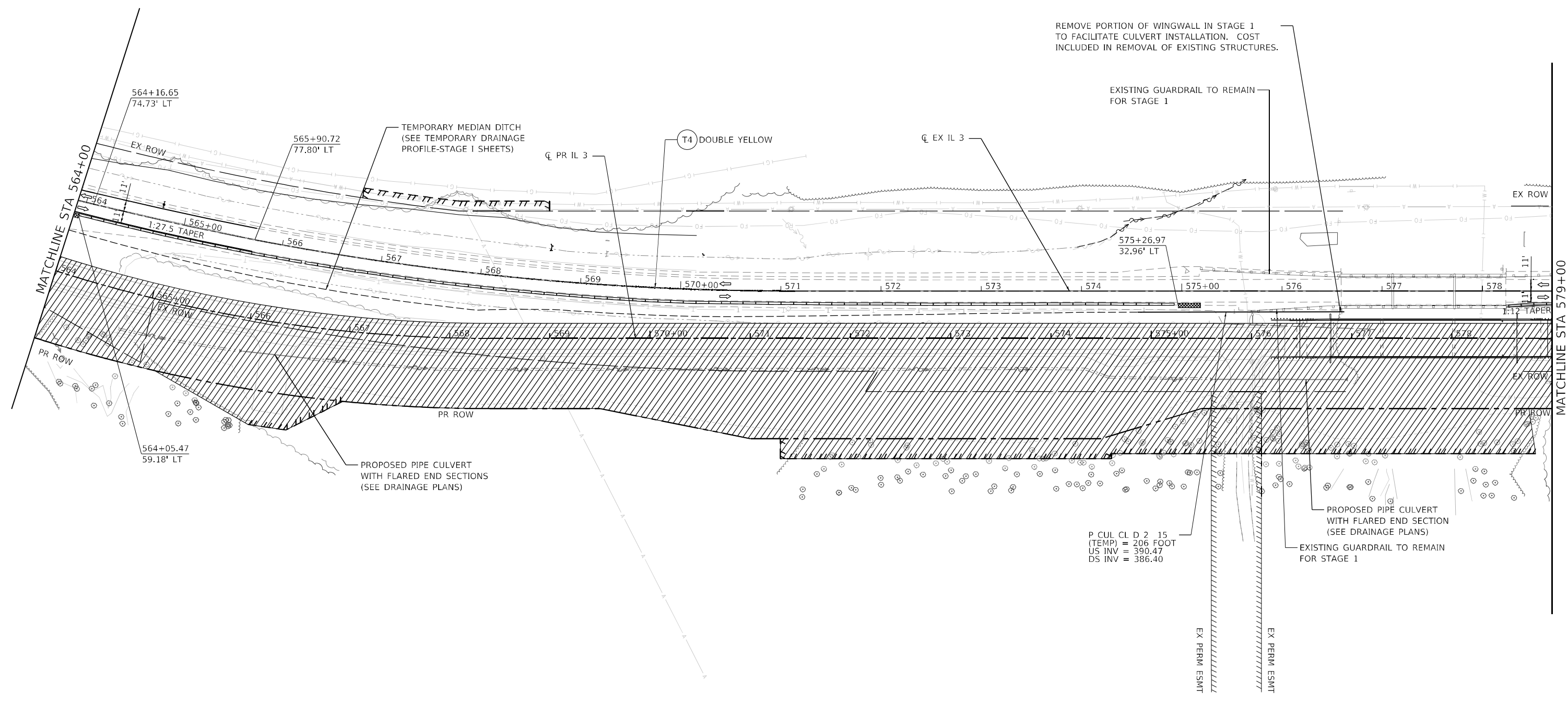
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 4 OF 14 SHEETS STA. 549+00.00 TO STA. 563+91.44

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	60
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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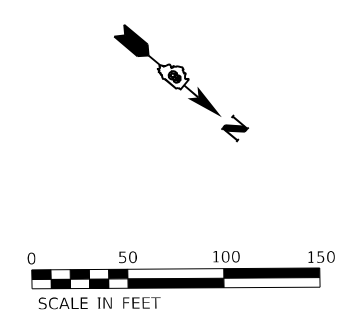
LEGEND - STAGING

- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

- PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
- STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
- A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

TEMPORARY PAVEMENT LABEL
 TEMPORARY DRAINAGE LABEL



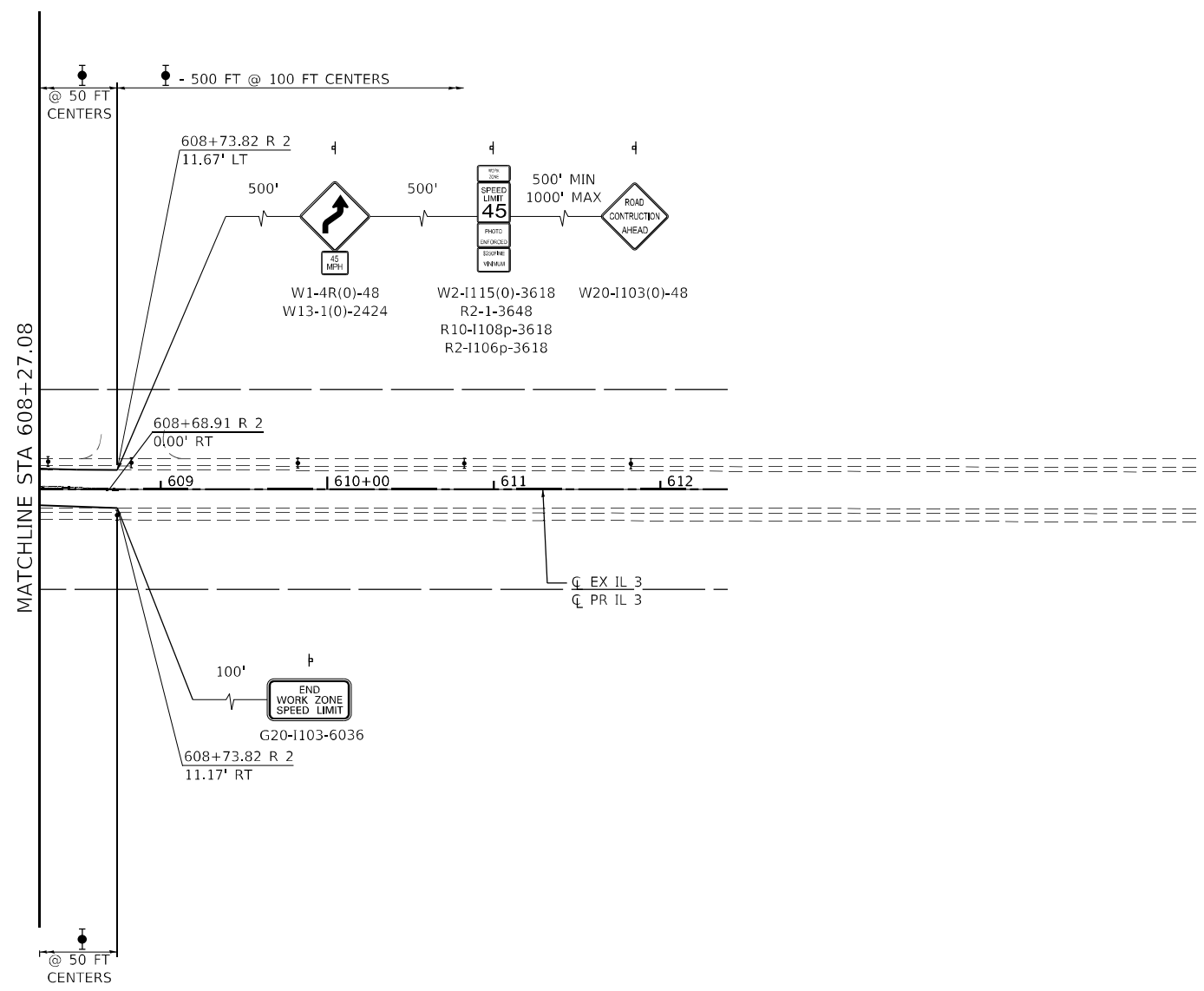
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK

SCALE: 1" = 50' SHEET 5 OF 14 SHEETS STA. 563+91.44 TO STA. 578+69.61

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	61
			CONTRACT NO. 76K25	
ILLINOIS FED. AID PROJECT				



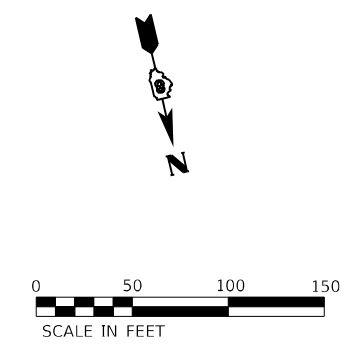
LEGEND - STAGING

- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



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

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**

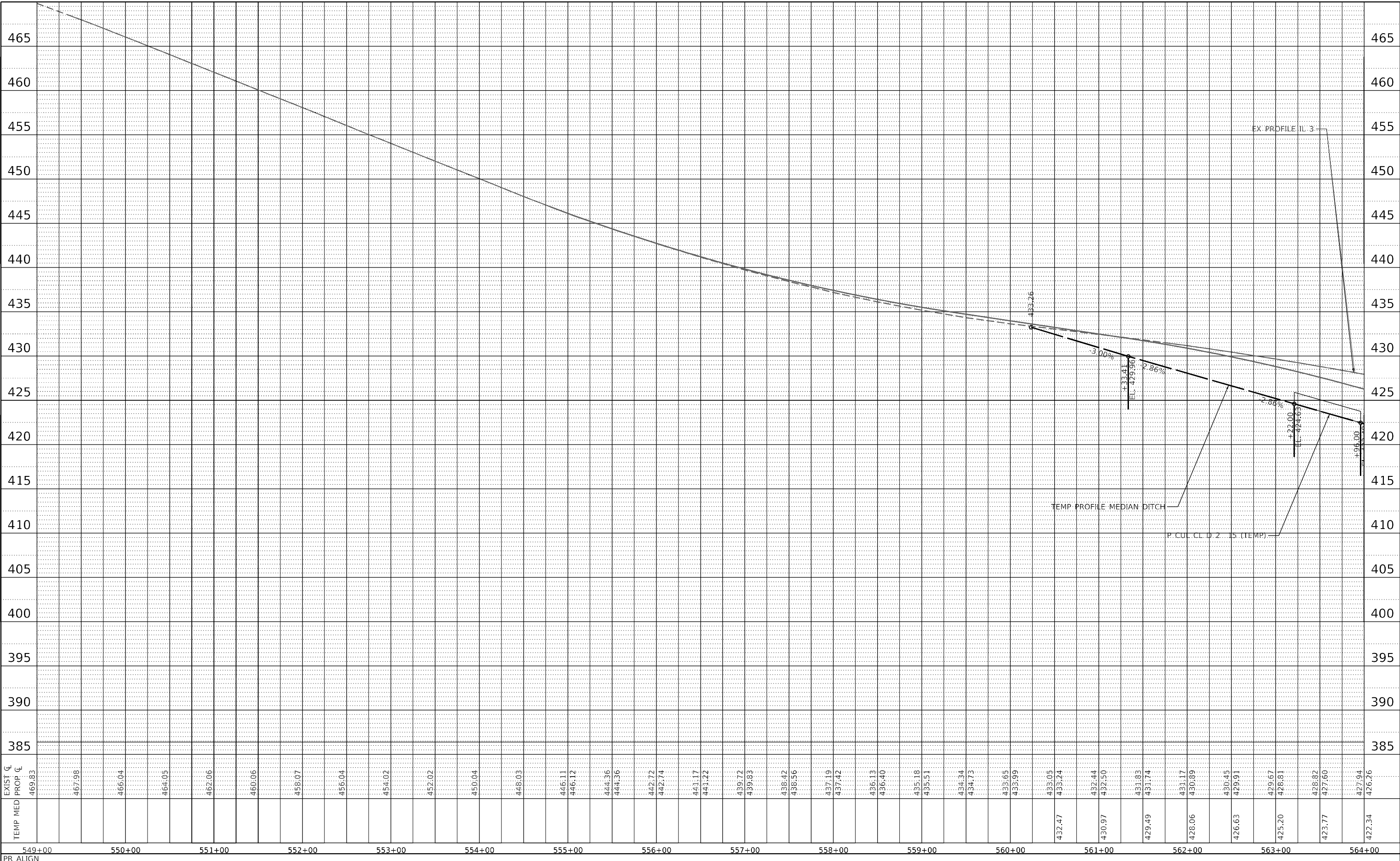
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	64
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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	NOTE BOOK		
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PR ALIGN

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE PROFILE - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**

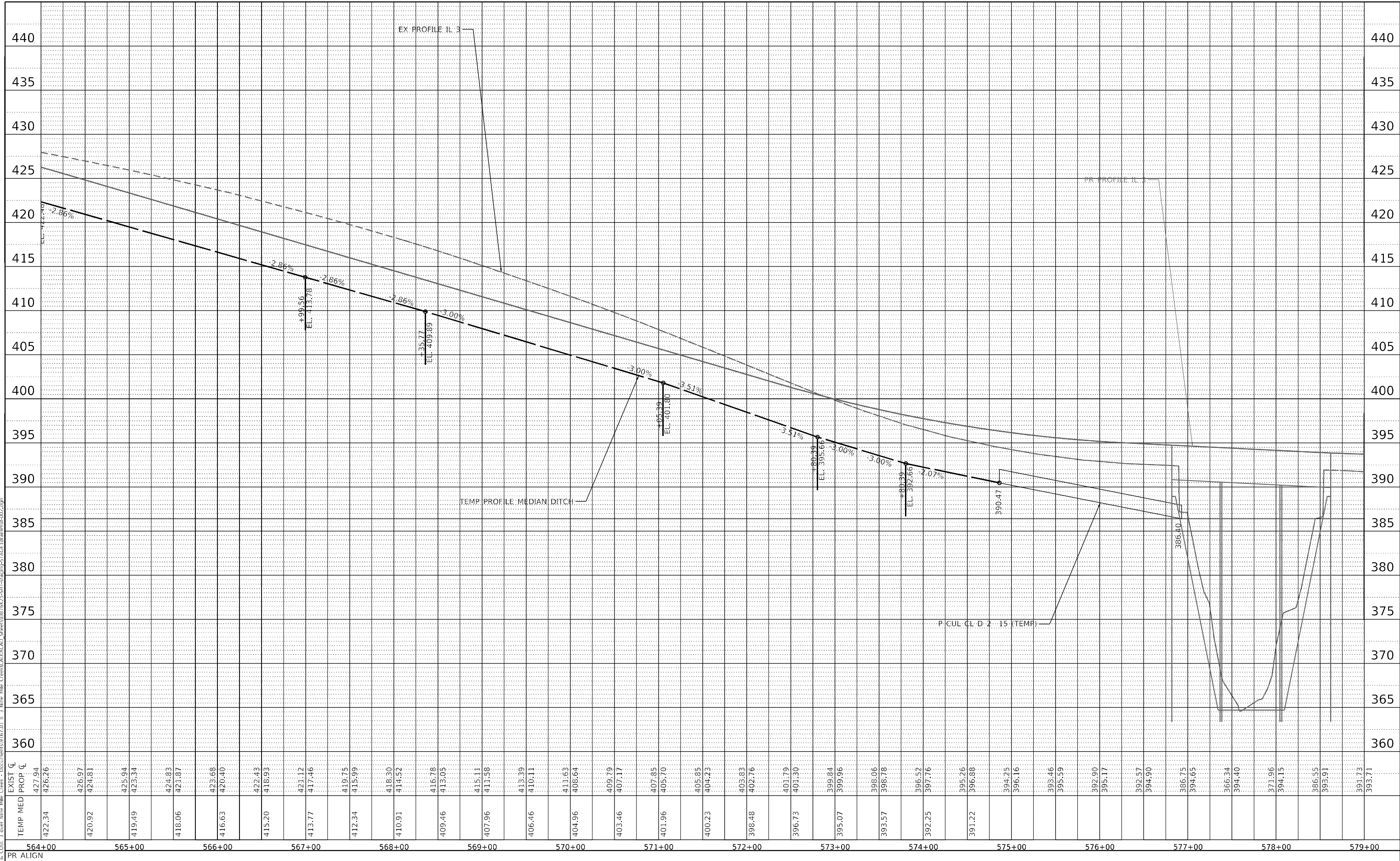
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F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 65
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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TEMP MEDIAN DITCH																																					

PR ALIGN	564+00	565+00	566+00	567+00	568+00	569+00	570+00	571+00	572+00	573+00	574+00	575+00	576+00	577+00	578+00	579+00
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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**

**TEMPORARY DRAINAGE PROFILE - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**

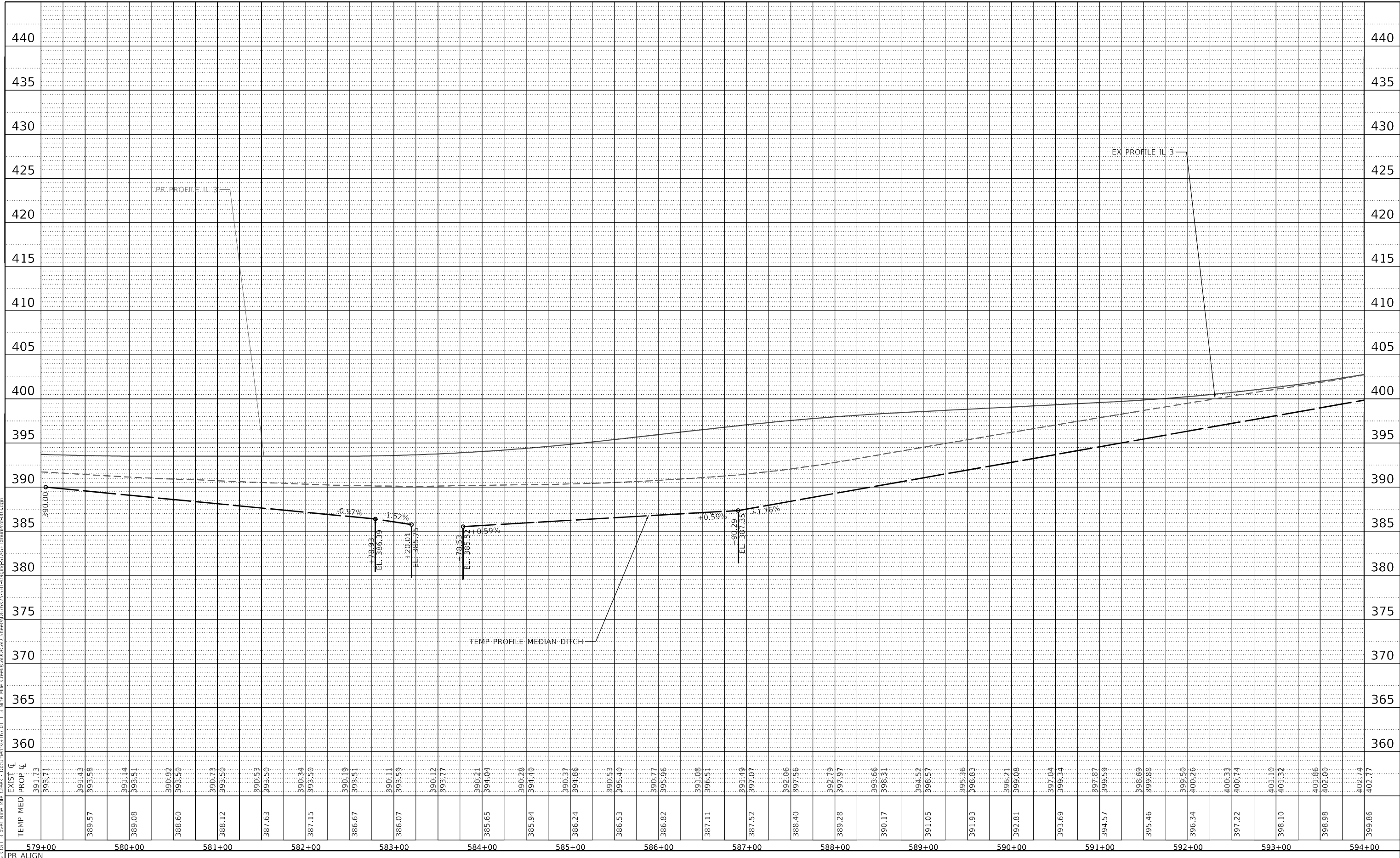
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	66
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY DRAINAGE PROFILE - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK

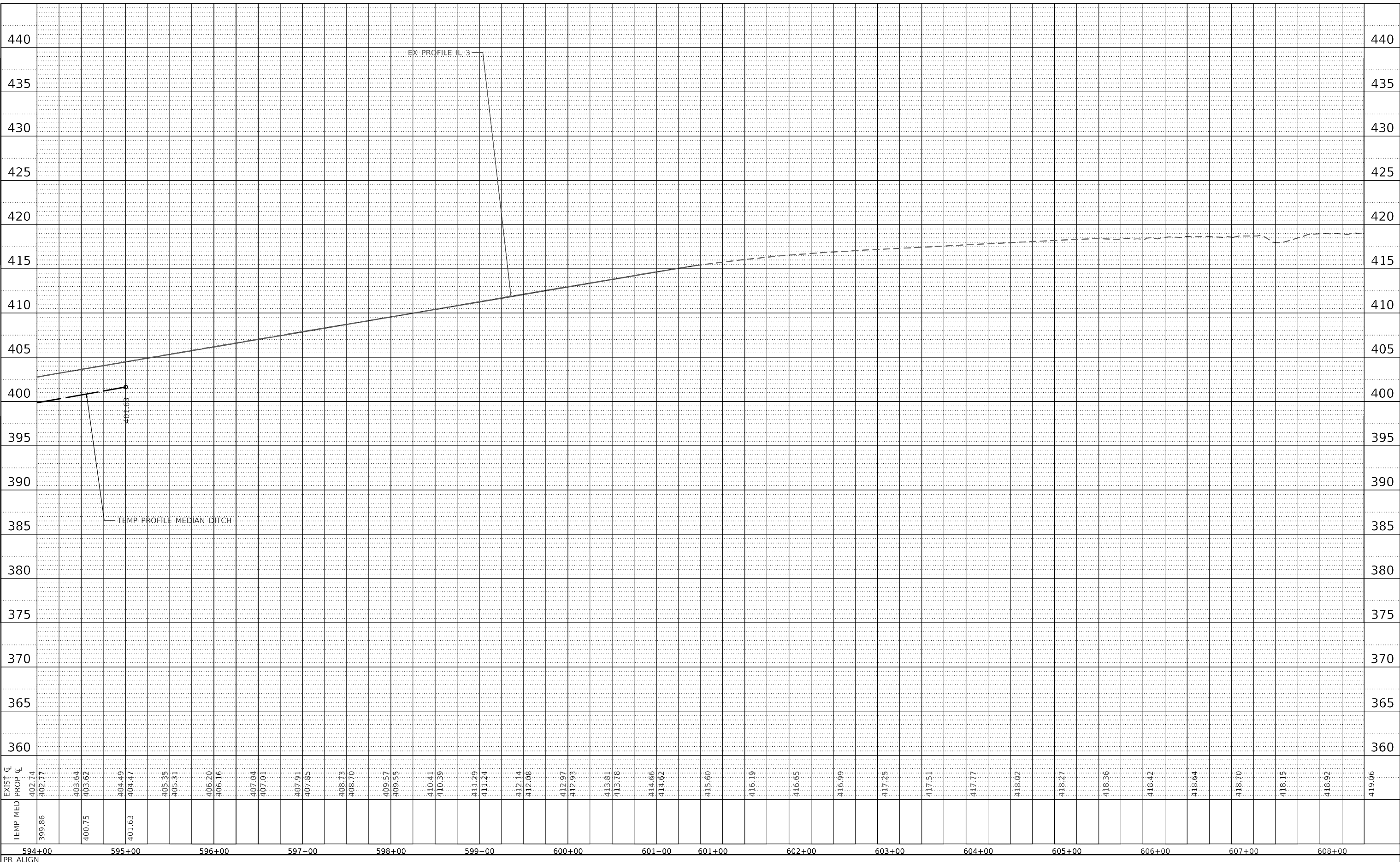
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CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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PR ALIGN



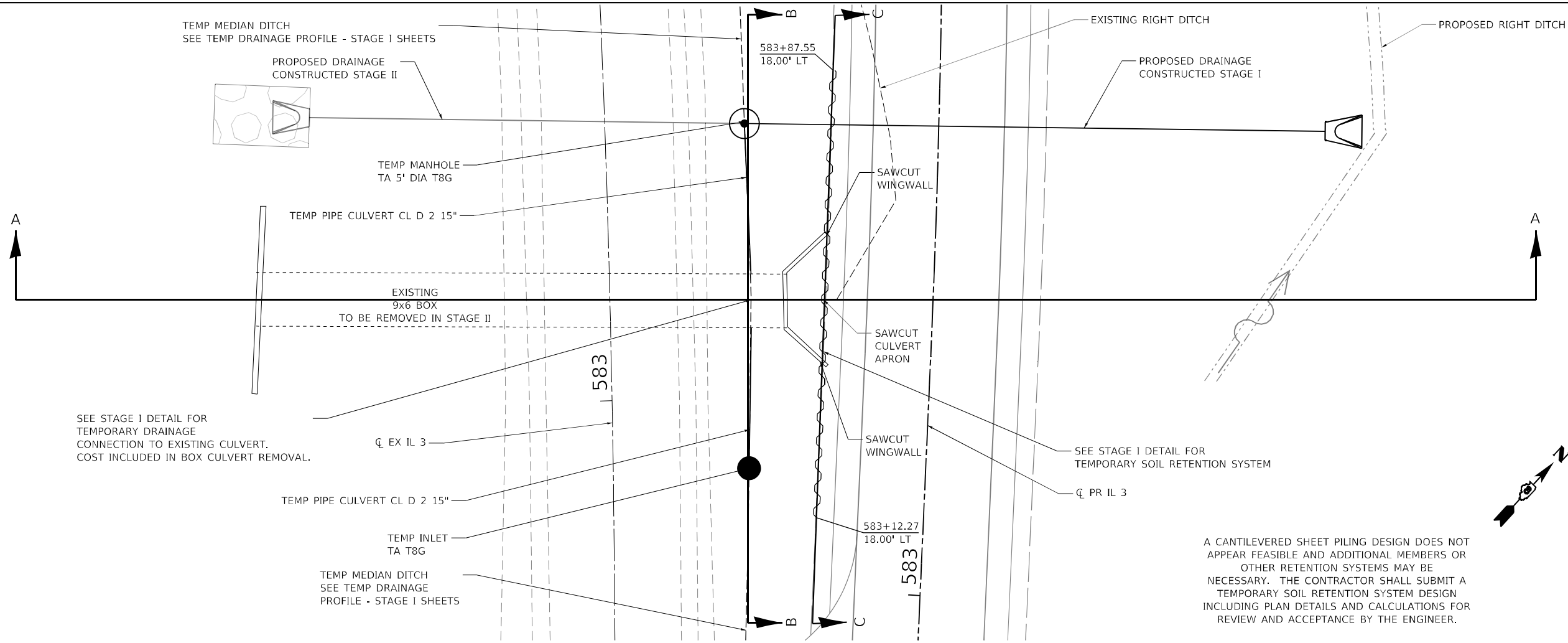
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	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE PROFILE - STAGE I
 IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 12 OF 14 SHEETS STA. TO STA.

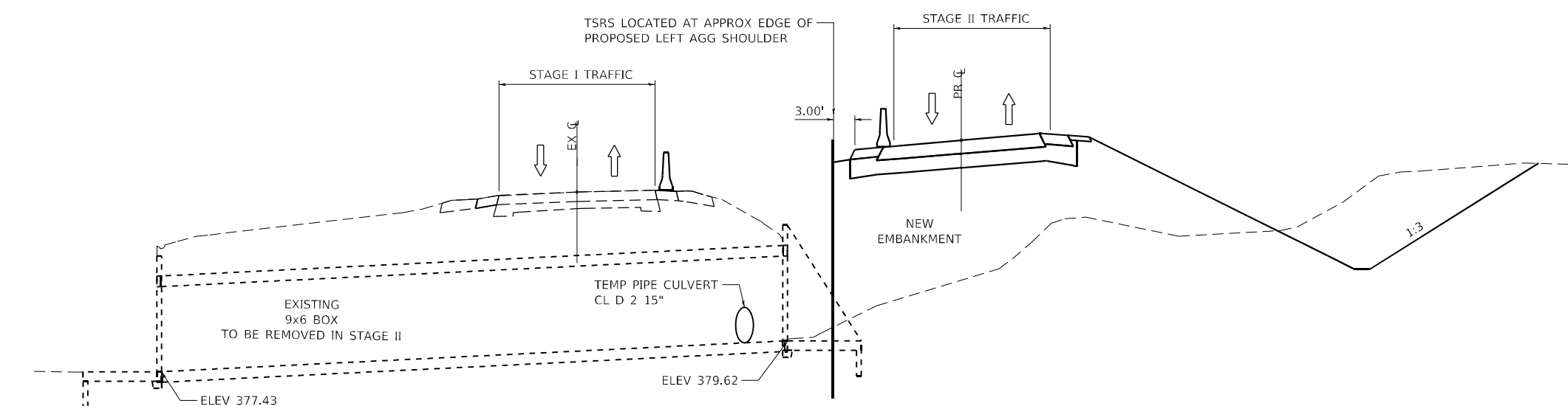
F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 68
CONTRACT NO.76K25			ILLINOIS FED. AID PROJECT	



PLAN VIEW

DETAIL FOR
TEMPORARY SOIL RETENTION SYSTEM
AND
TEMPORARY DRAINAGE CONNECTION TO EXISTING CULVERT

A CANTILEVERED SHEET PILING DESIGN DOES NOT APPEAR FEASIBLE AND ADDITIONAL MEMBERS OR OTHER RETENTION SYSTEMS MAY BE NECESSARY. THE CONTRACTOR SHALL SUBMIT A TEMPORARY SOIL RETENTION SYSTEM DESIGN INCLUDING PLAN DETAILS AND CALCULATIONS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.



SECTION A-A

SECTION THRU EXISTING CULVERT

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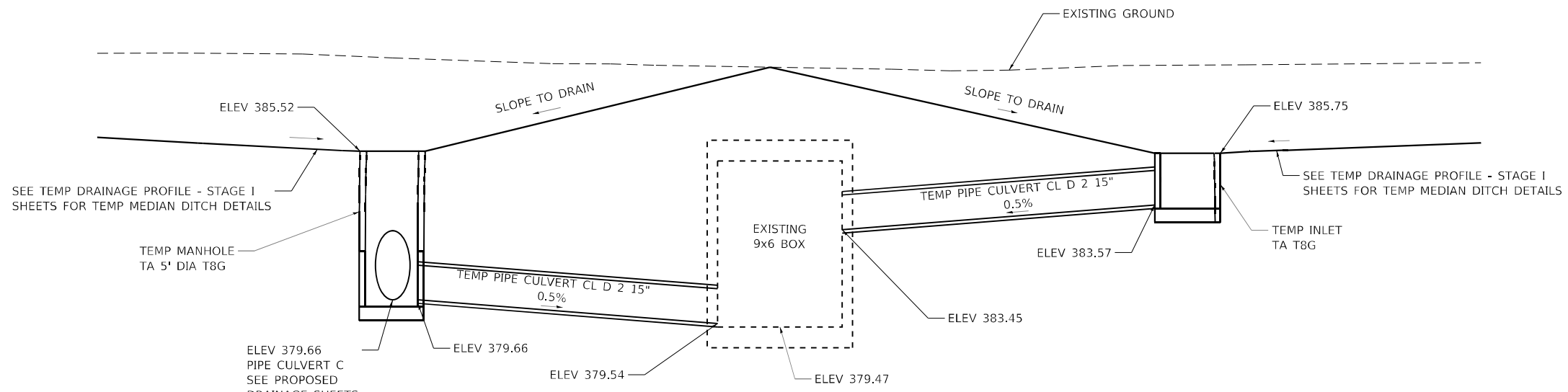
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**

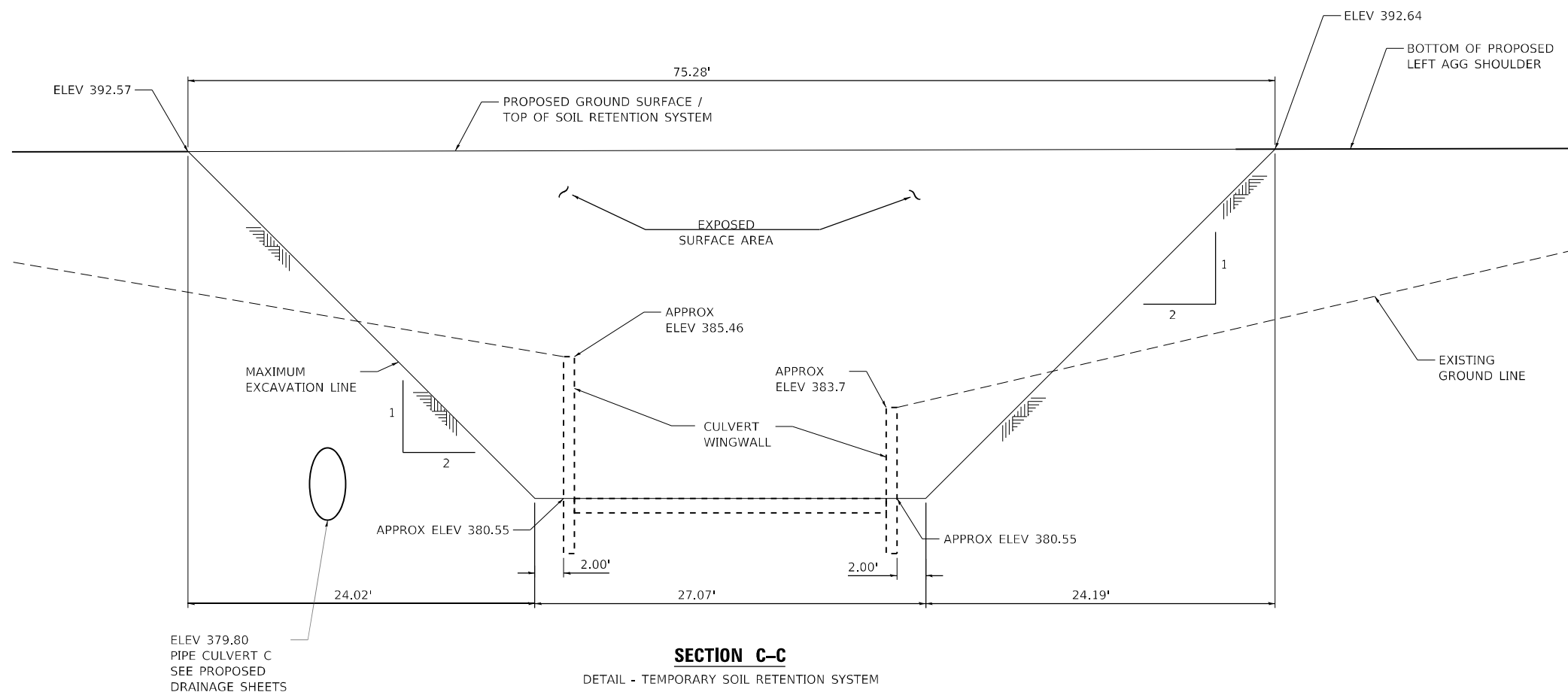
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312	74BR-2	RANDOLPH	293	69
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.



SECTION B-B

DETAIL - TEMPORARY DRAINAGE CONNECTION TO EXISTING CULVERT



SECTION C-C

DETAIL - TEMPORARY SOIL RETENTION SYSTEM

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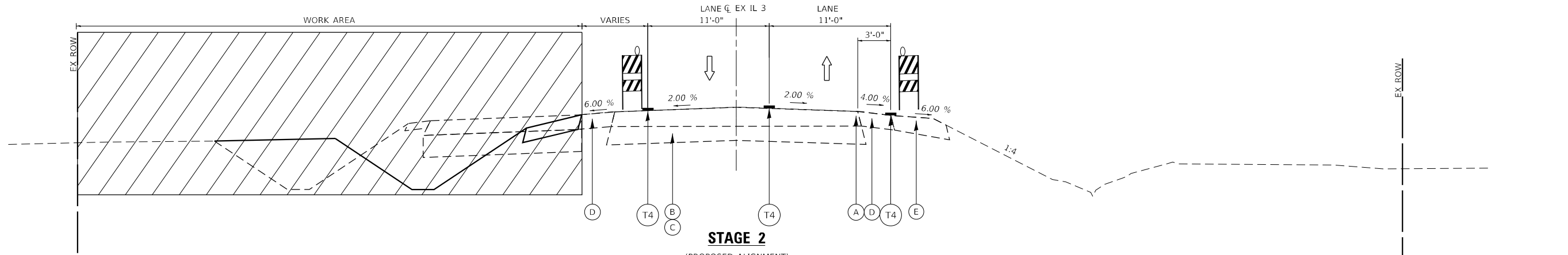
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

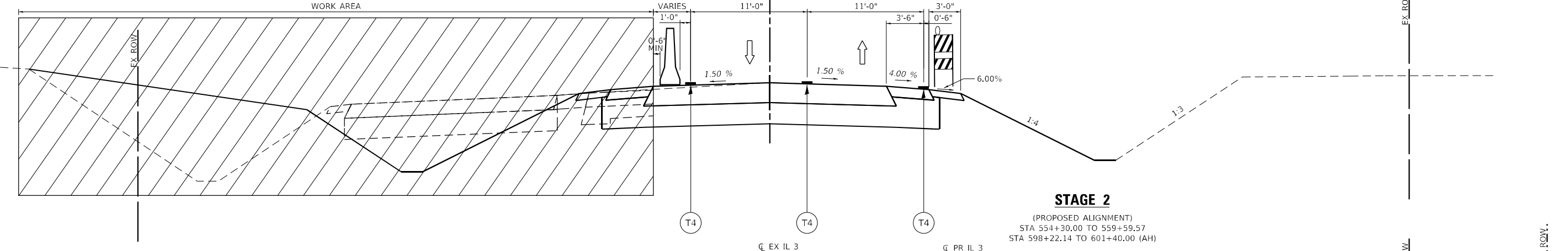
**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: SHEET 14 OF 14 SHEETS STA. TO STA.

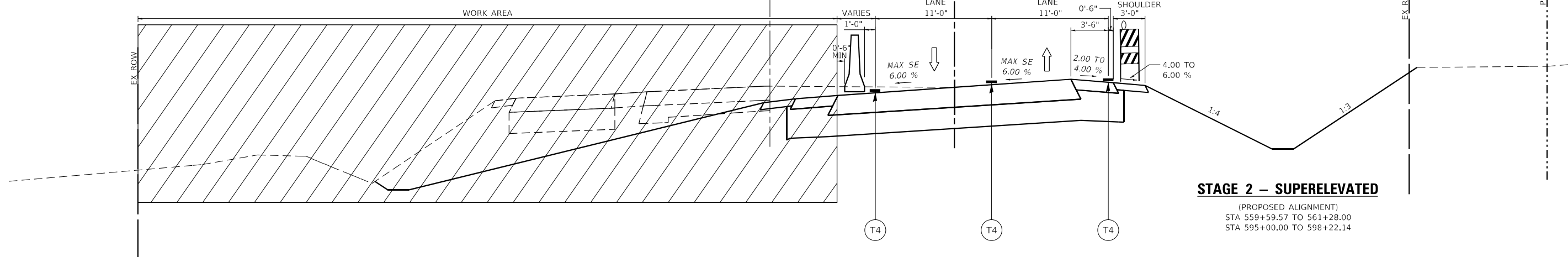
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	70
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



STAGE 2
 (PROPOSED ALIGNMENT)
 STA 553+62.00 TO 554+30.00
 STA 601+40.00 (AH) TO 602+15.00
 CL PR IL 3
 CL EX IL 3



STAGE 2
 (PROPOSED ALIGNMENT)
 STA 554+30.00 TO 559+59.57
 STA 598+22.14 TO 601+40.00 (AH)
 CL PR IL 3
 CL EX IL 3



STAGE 2 - SUPERELEVATED
 (PROPOSED ALIGNMENT)
 STA 559+59.57 TO 561+28.00
 STA 595+00.00 TO 598+22.14

LEGEND - EXISTING

- (A) EXISTING BITUMINOUS OVERLAY 8"
- (B) EXISTING PCC PAVEMENT 6"
- (C) EXISTING PCC WIDENING 9"
- (D) EXISTING HMA SHOULDER 8"
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL

LEGEND - STAGING

- (T1) TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (T2) TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- (T3) TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- (T4) TEMPORARY PAVEMENT MARKING - LINE 4"
- (T5) TEMPORARY CULVERT

- WORK AREA
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER PINNING TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.

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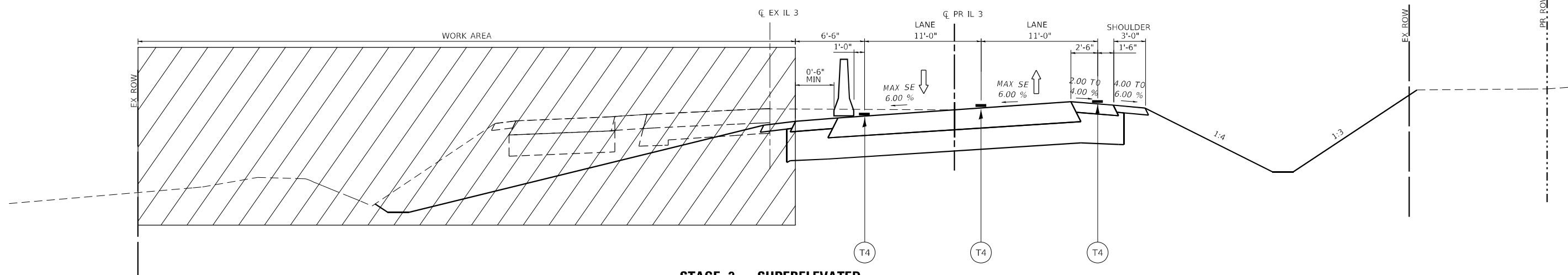


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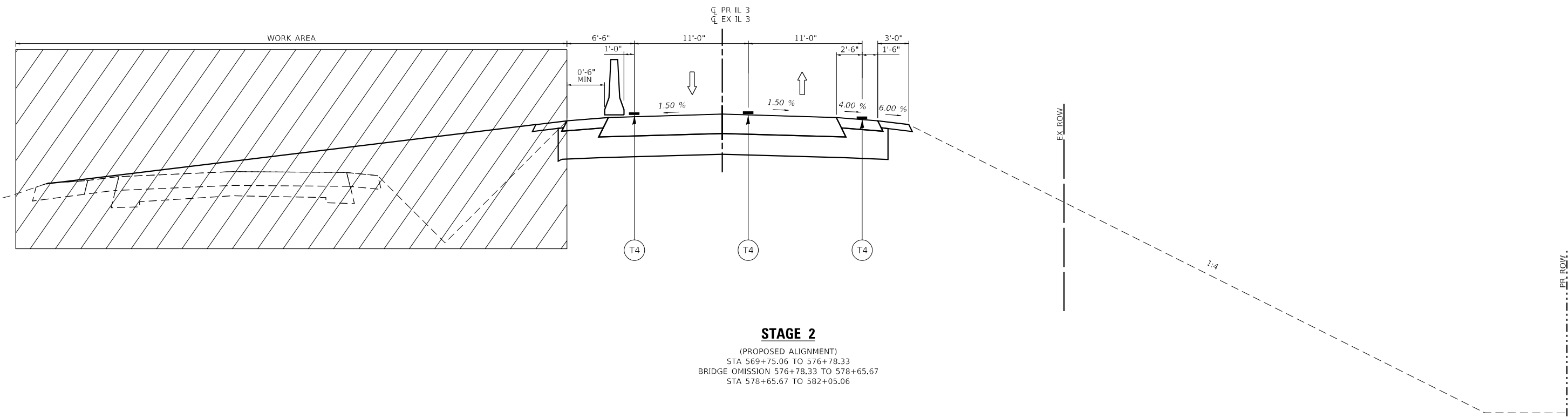
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE II
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 10' SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	71
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				



STAGE 2 – SUPERELEVATED
 (PROPOSED ALIGNMENT)
 STA 561+28.00 TO 569+75.06
 STA 582+05.06 TO 595+00.00



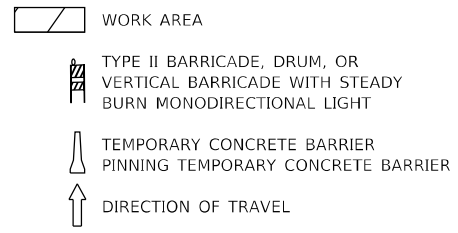
STAGE 2
 (PROPOSED ALIGNMENT)
 STA 569+75.06 TO 576+78.33
 BRIDGE OMISSION 576+78.33 TO 578+65.67
 STA 578+65.67 TO 582+05.06

LEGEND – EXISTING

- (A) EXISTING BITUMINOUS OVERLAY 8"
- (B) EXISTING PCC PAVEMENT 6"
- (C) EXISTING PCC WIDENING 9"
- (D) EXISTING HMA SHOULDER 8"
- (E) EXISTING AGGREGATE SHOULDER
- (F) EXISTING GUARDRAIL

LEGEND – STAGING

- (T1) TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (T2) TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- (T3) TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- (T4) TEMPORARY PAVEMENT MARKING - LINE 4"
- (T5) TEMPORARY CULVERT



NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.

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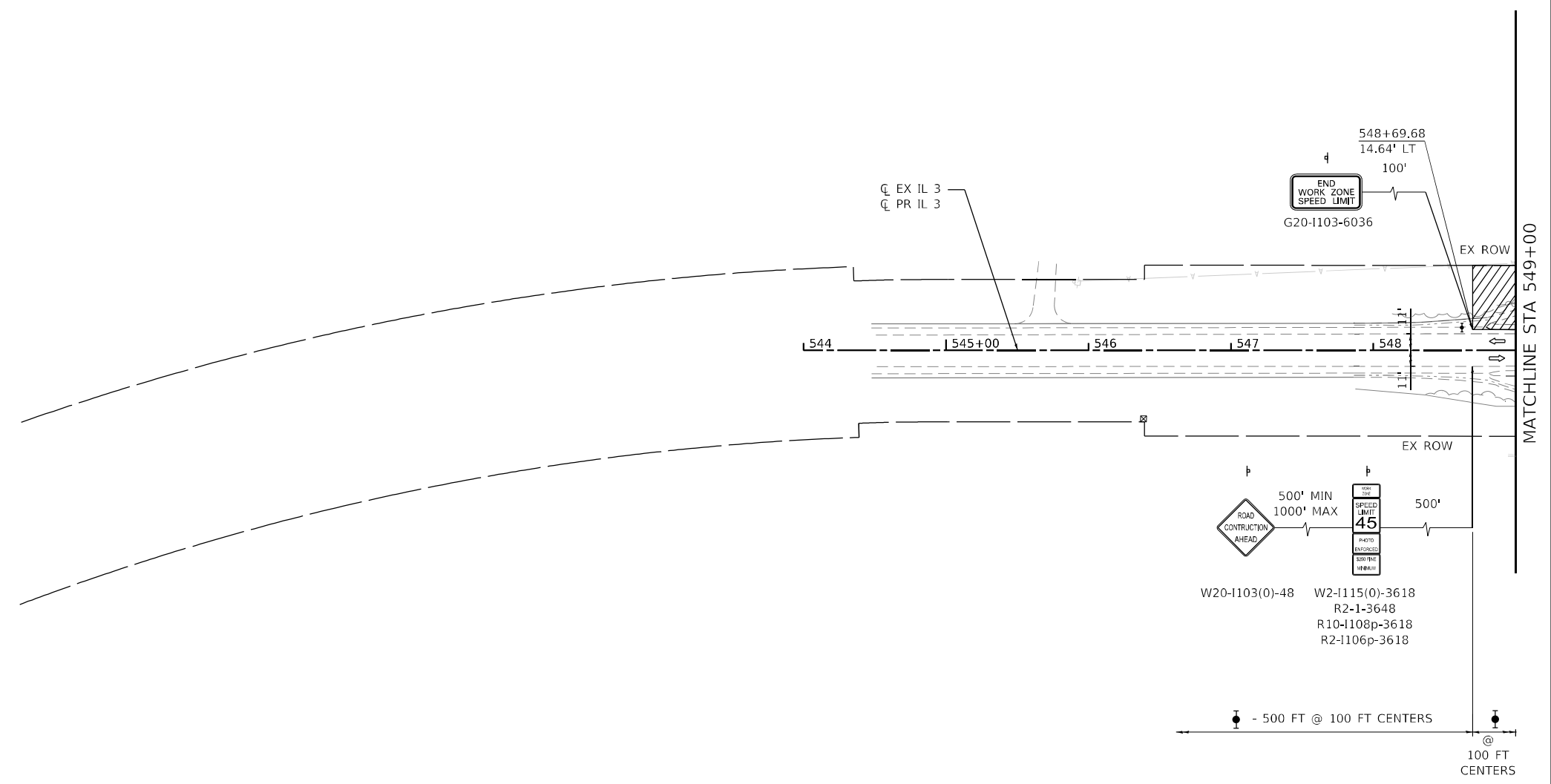
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL AND PROTECTION – STAGE II			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 10'	SHEET 2	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	72
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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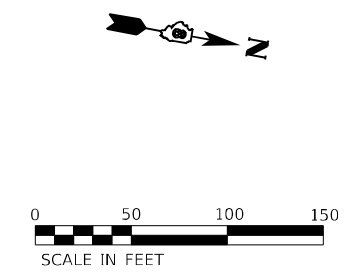
LEGEND - STAGING

- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- (T1) TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (T2) TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- (T3) TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- (T4) TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- (T5) TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



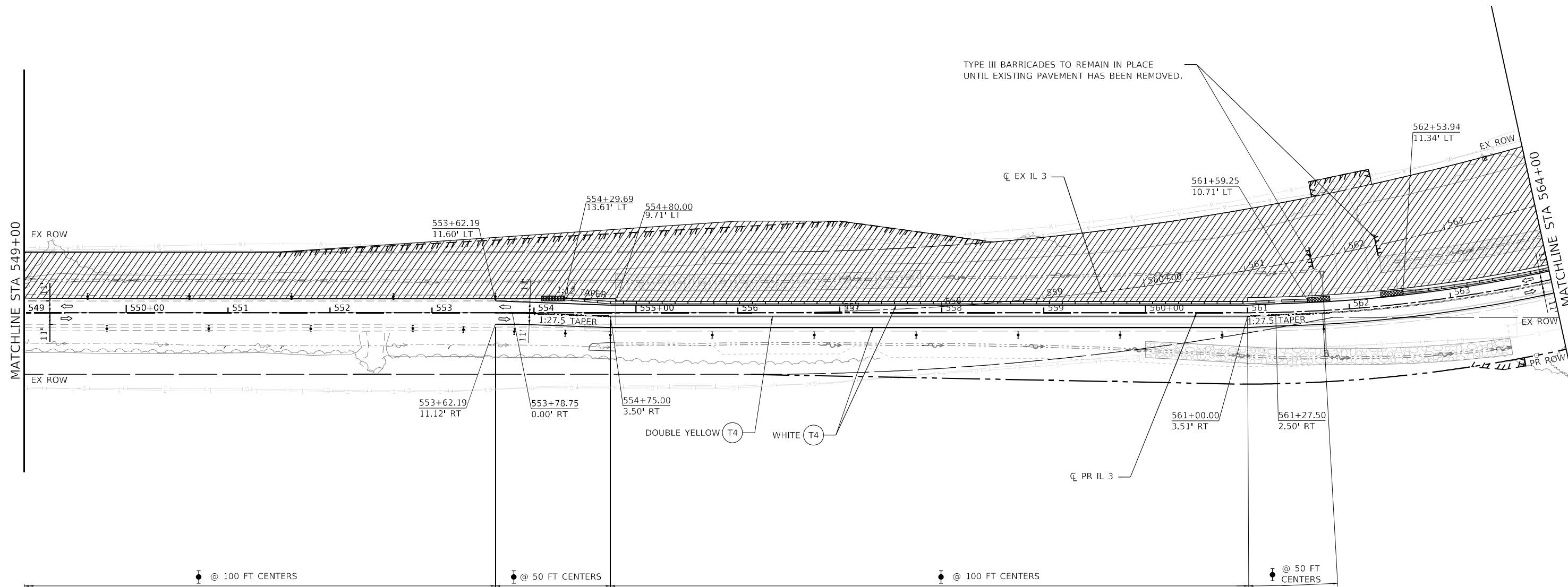
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE II
 IL 3 /FAP 312 OVER NINE MILE CREEK

SCALE: 1" = 50' SHEET 3 OF 7 SHEETS STA. TO STA. 549+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	73
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				



TYPE III BARRICADES TO REMAIN IN PLACE UNTIL EXISTING PAVEMENT HAS BEEN REMOVED.

LEGEND - STAGING

- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS

- (T1) TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- (T2) TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- (T3) TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- (T4) TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- (T5) TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



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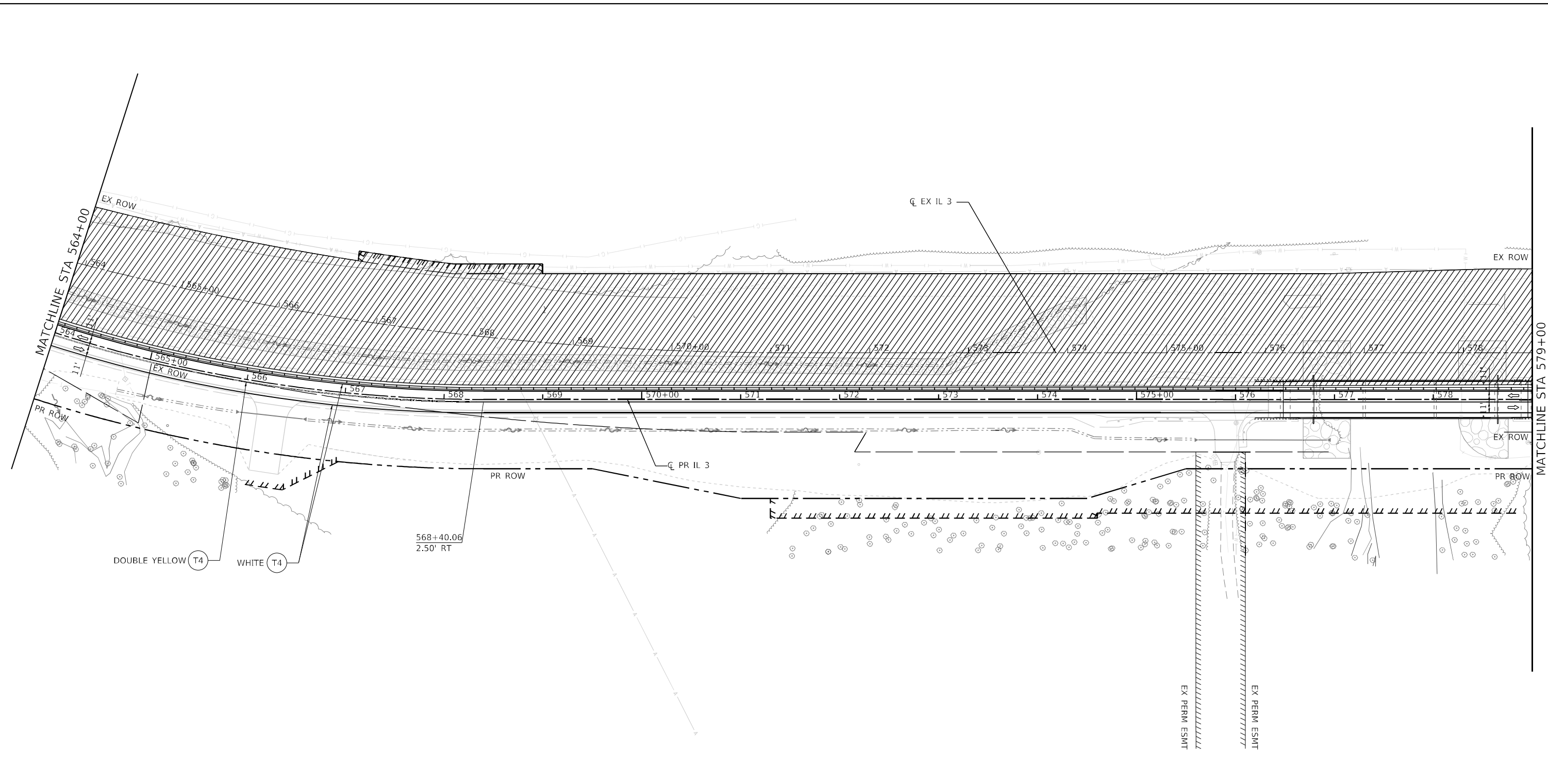
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE II
IL 3 /FAP 312 OVER NINE MILE CREEK
 SCALE: 1" = 50' SHEET 4 OF 7 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	74
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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LEGEND - STAGING

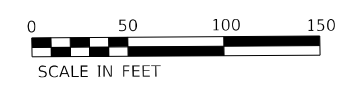
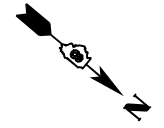
- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS

- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



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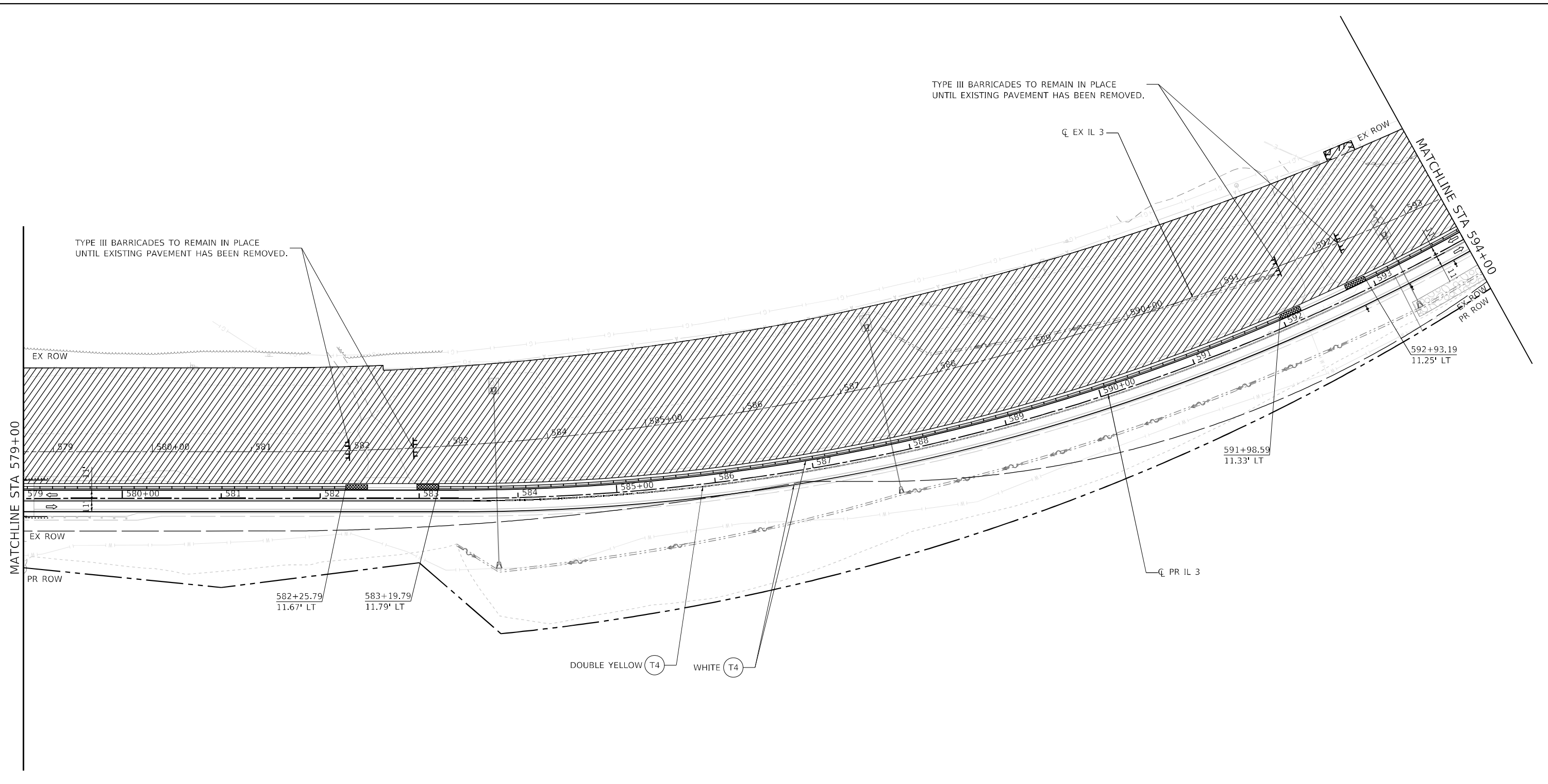
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE II
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. 546+00.00 TO STA. 579+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	75
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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LEGEND - STAGING

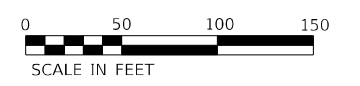
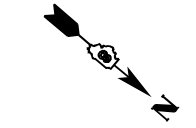
- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS

- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- TEMPORARY PAVEMENT LABEL
- TEMPORARY DRAINAGE LABEL



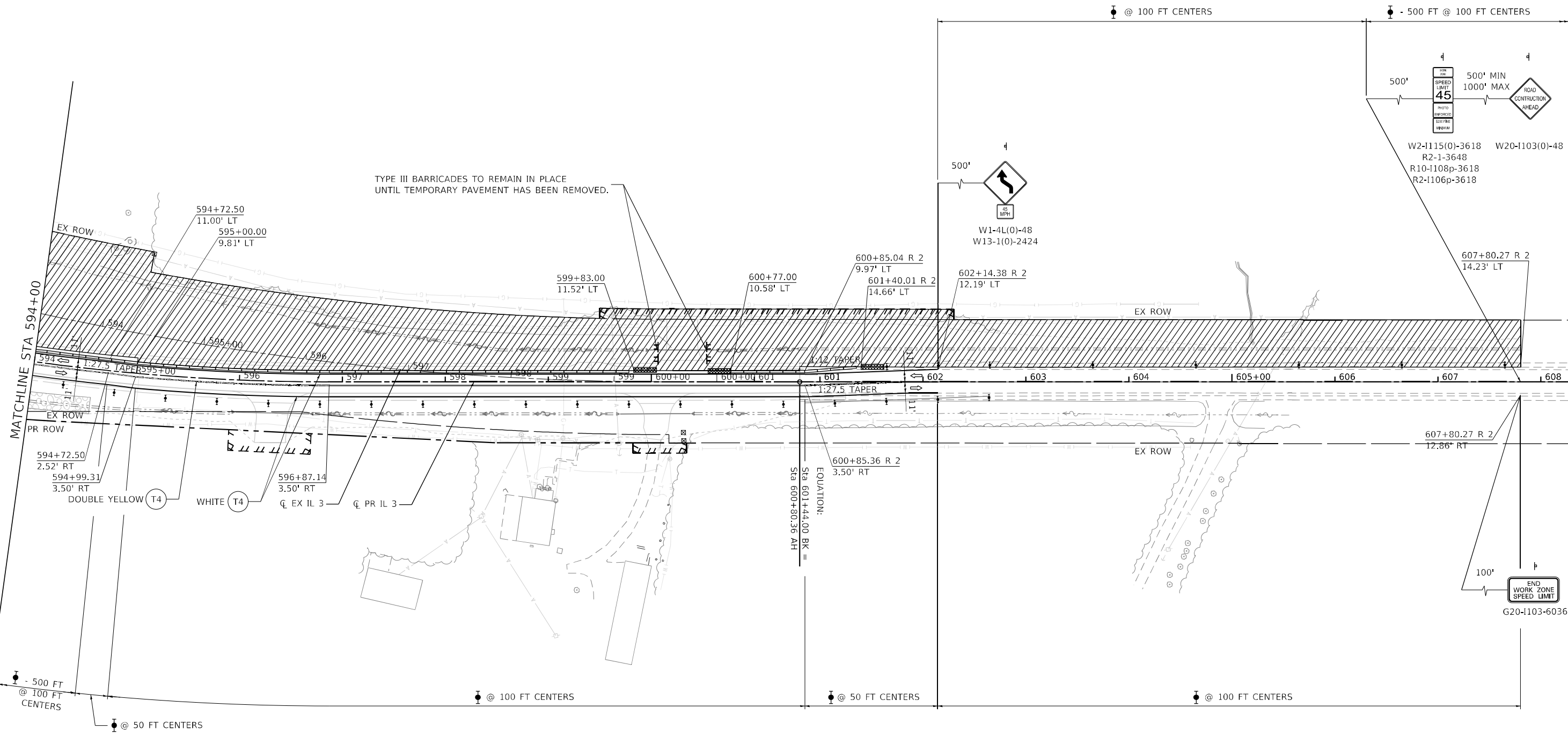
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE II
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 6 OF 7 SHEETS STA. 579+00.00 TO STA. 594+00.00

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



LEGEND - STAGING

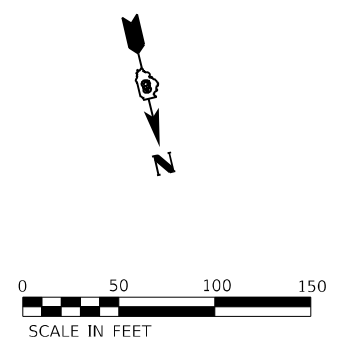
- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAVEL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS

- T1 TEMPORARY PAVEMENT: HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9"
- T2 TEMPORARY PAVEMENT: AGGREGATE SUBGRADE IMPROVEMENT 12"
- T3 TEMPORARY: AGGREGATE SHOULDERS, TYPE A 4"
- T4 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT
- T5 TEMPORARY CULVERT

NOTES

1. PRE-STAGE STATION / OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION / OFFSET ARE BASED ON PROPOSED ALIGNMENT.
3. TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTER-TO-CENTER SPACING ON TAPERS AND 100' CENTER-TO-CENTER SPACING ON TANGENTS.
4. A 50 FT OPENING SHALL BE PROVIDED BETWEEN THE ATTENUATORS FOR ENTRANCE ACCESS.

- XXX+XX.XX
XX.XX' LT TEMPORARY PAVEMENT LABEL
- XXX+XX.XX
XX.XX' LT TEMPORARY DRAINAGE LABEL



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

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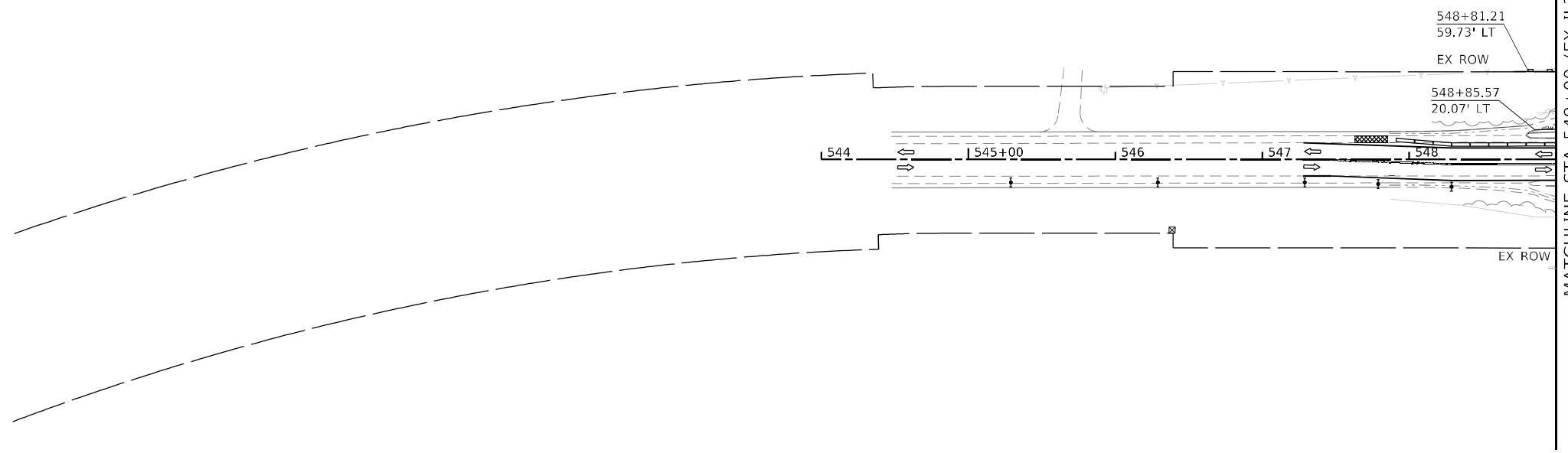
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION - STAGE II
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 7 OF 7 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	77
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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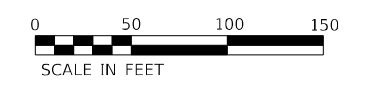
LEGEND

- RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
- EROSION CONTROL BLANKET AND SEEDING CLASS 2
- HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
- MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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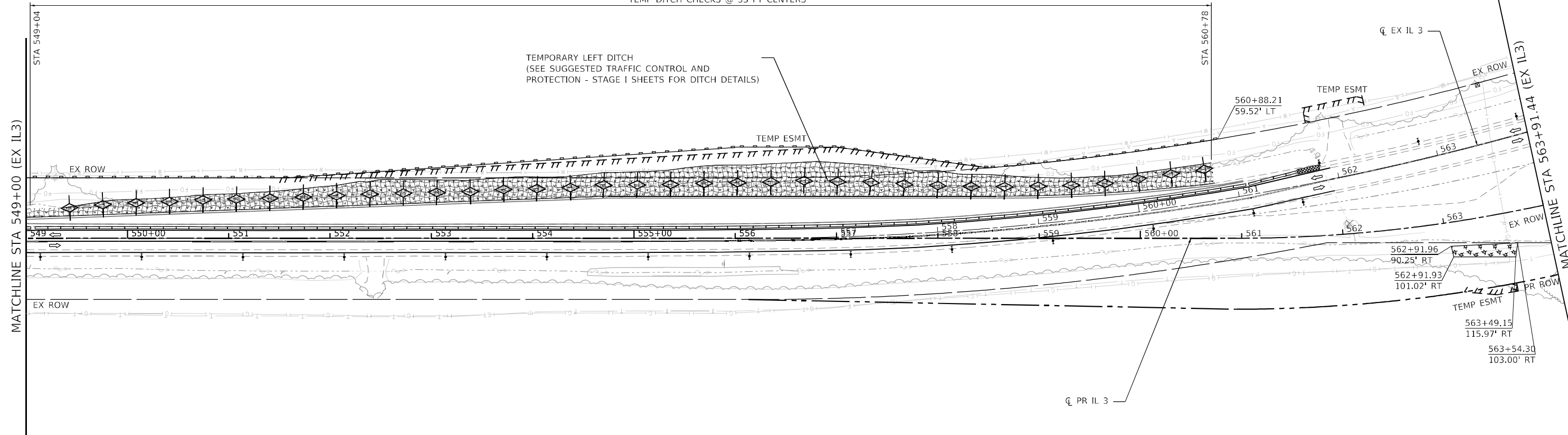
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN – PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**










SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. TO STA. 549+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	78
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

TEMP DITCH CHECKS @ 33 FT CENTERS

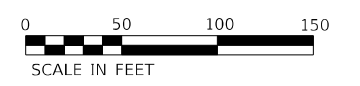


LEGEND

-  RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
-  EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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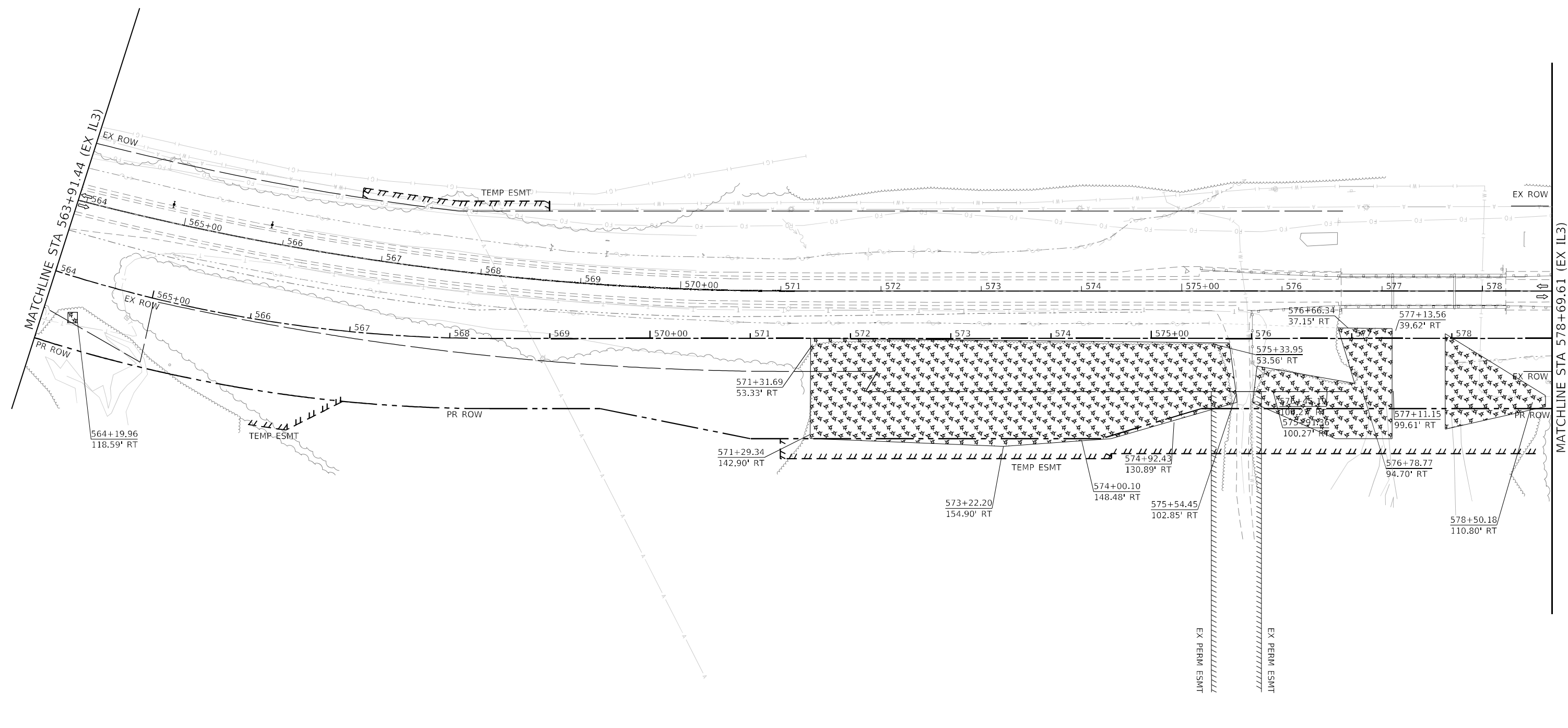
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 2 OF 5 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	79
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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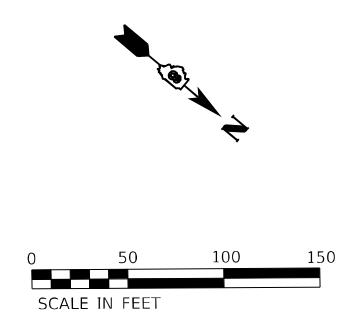


LEGEND

- RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
- EROSION CONTROL BLANKET AND SEEDING CLASS 2
- HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
- MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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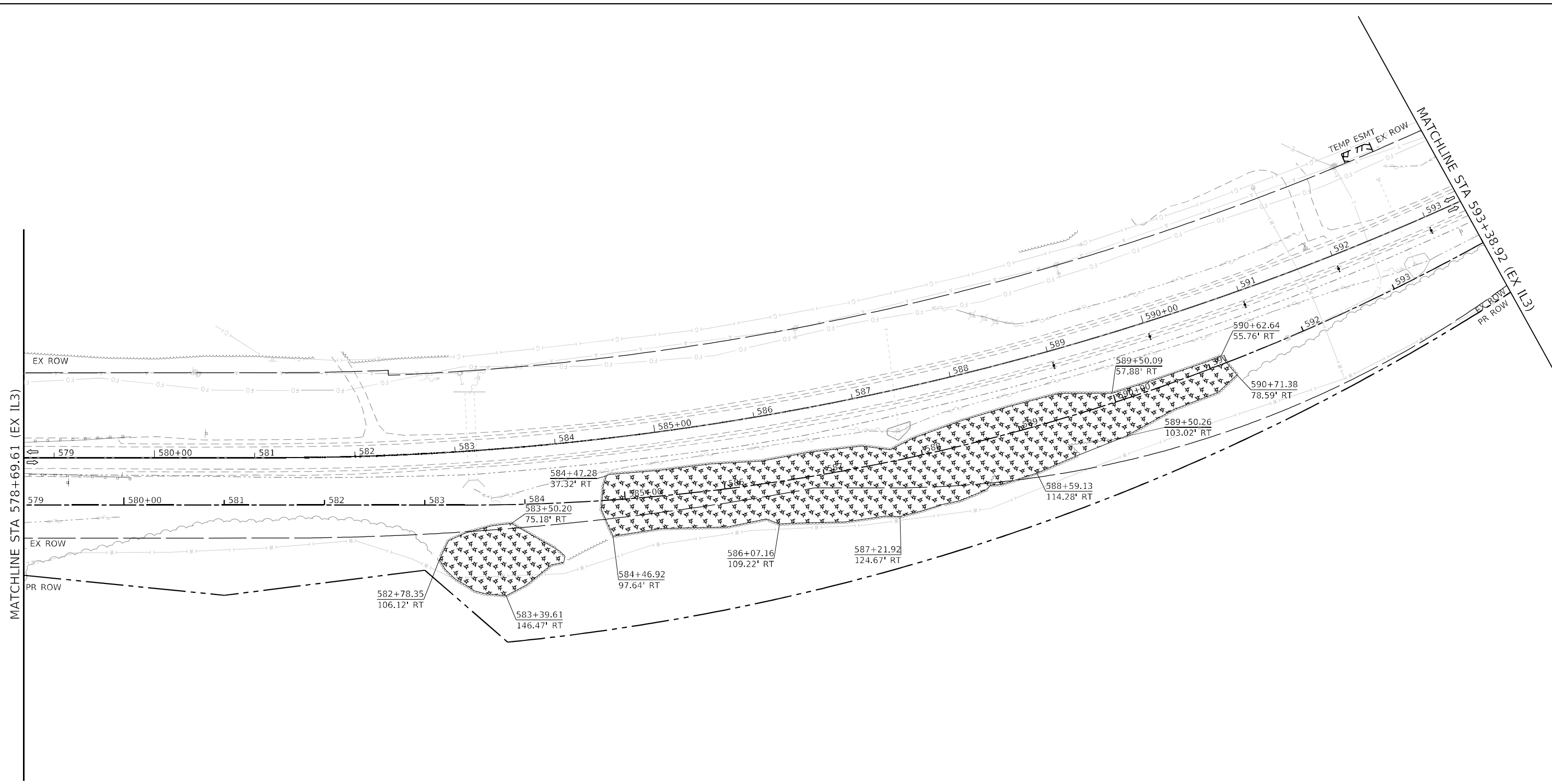
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 546+00.00 TO STA. 579+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	80
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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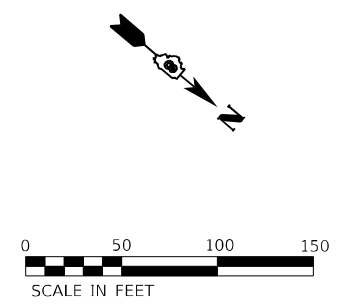


LEGEND

- RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
- EROSION CONTROL BLANKET AND SEEDING CLASS 2
- HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
- MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



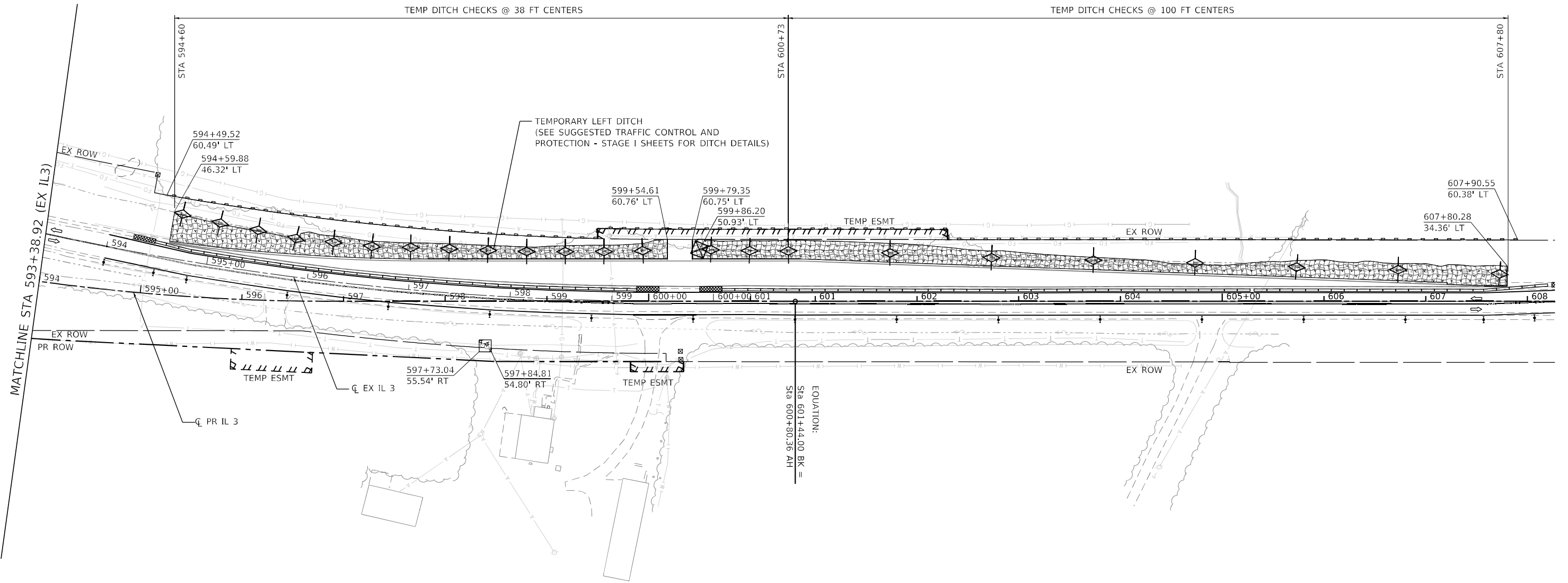
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**







**EROSION CONTROL PLAN - PRE-STAGE
IL 3 /FAP 312 OVER NINE MILE CREEK**




SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. 579+00.00 TO STA. 594+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	81
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				



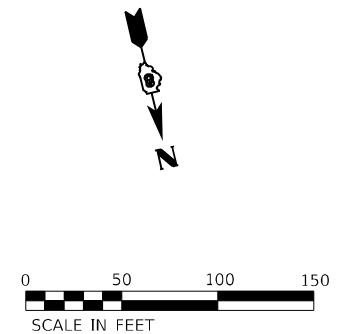
LEGEND

-  RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
-  EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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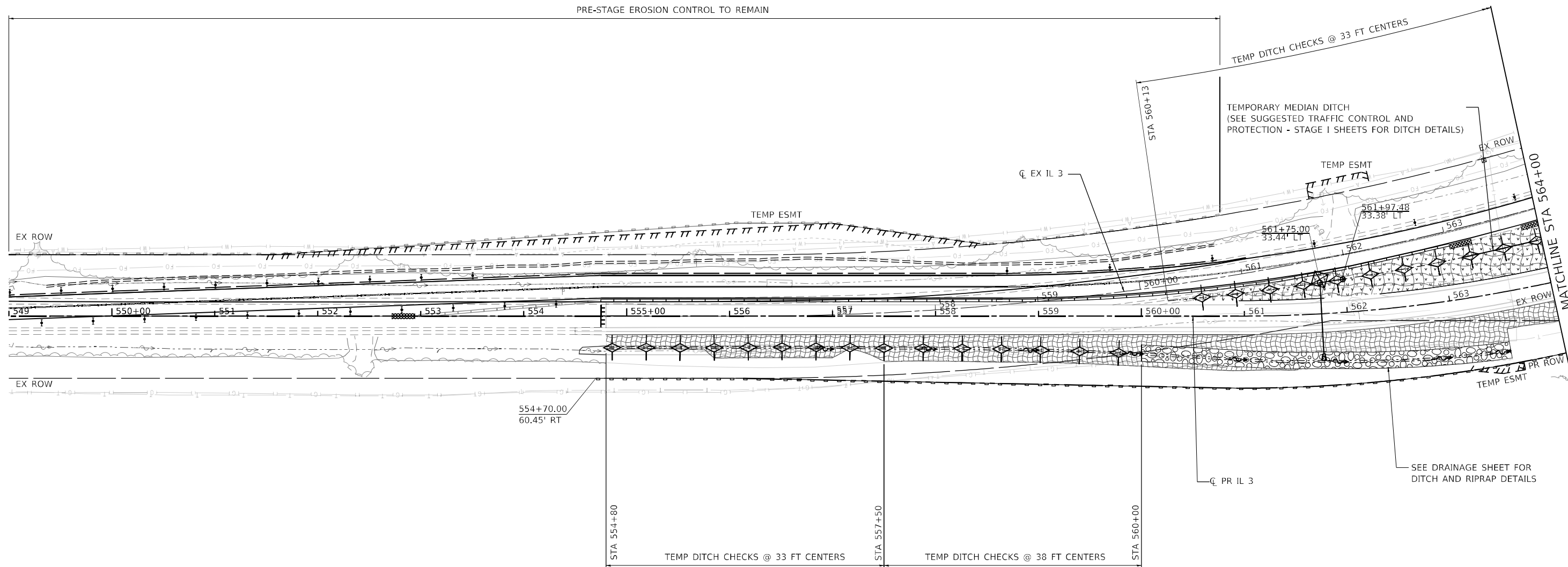
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - PRE-STAGE
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	82
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

PRE-STAGE EROSION CONTROL TO REMAIN



LEGEND

-  RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
-  EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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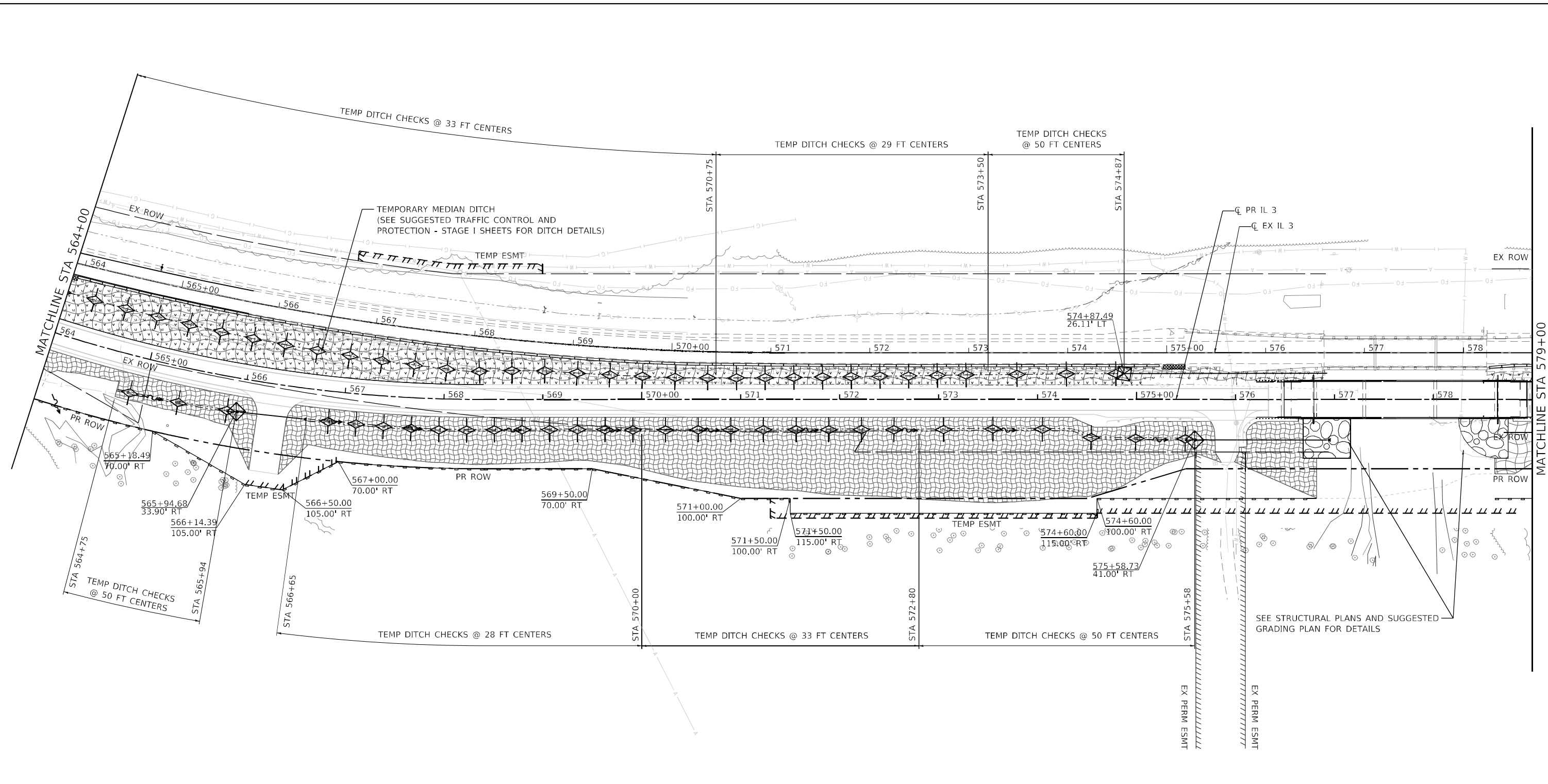
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**










SCALE: 1" = 50' SHEET 1 OF 4 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	83
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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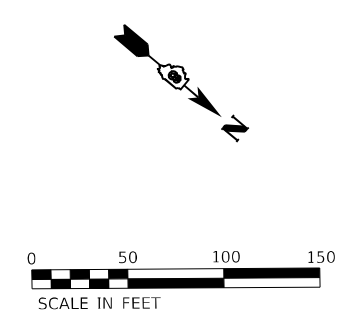


LEGEND

-  RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
-  EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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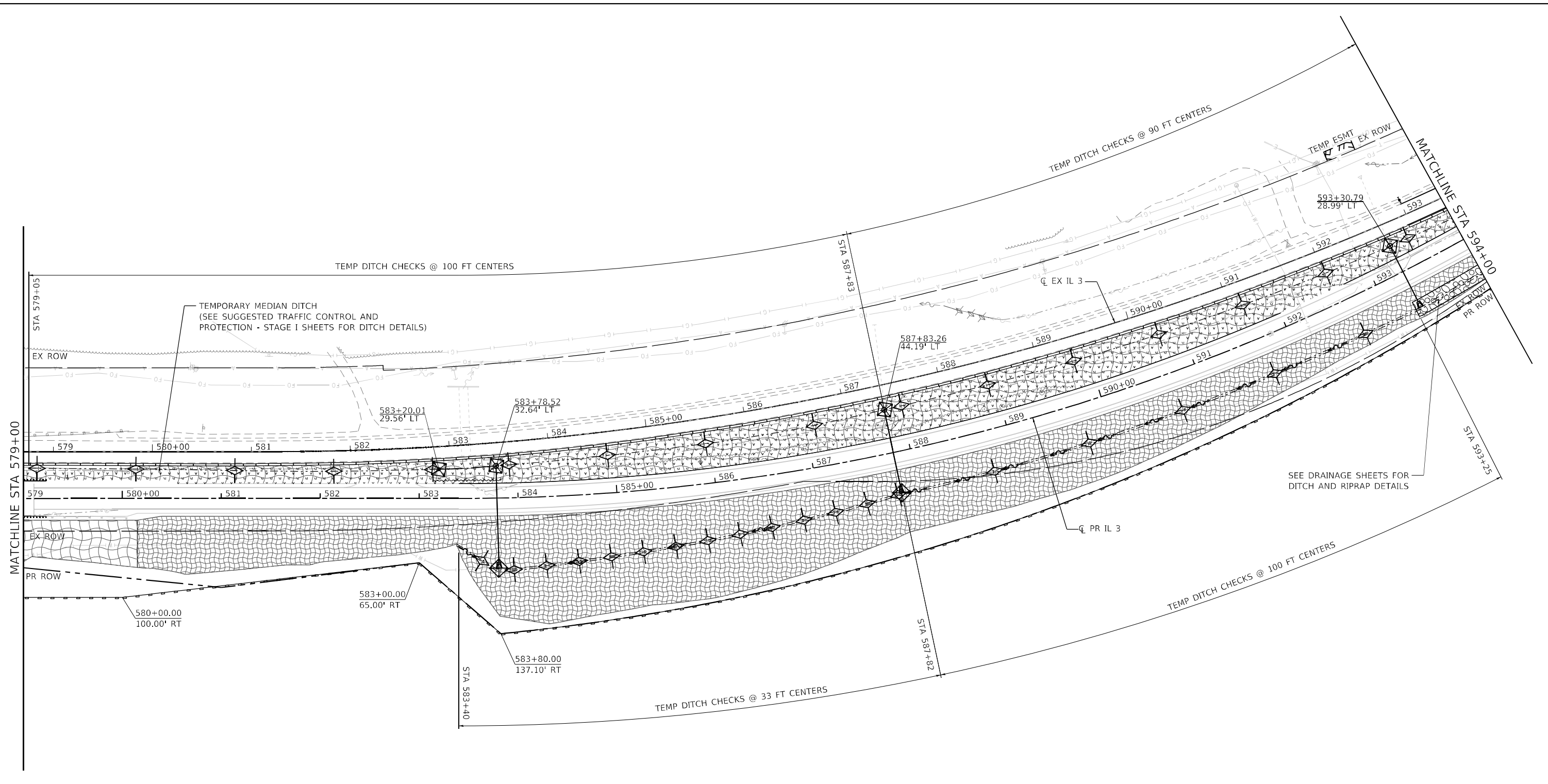
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**










SCALE: 1" = 50' SHEET 2 OF 4 SHEETS STA. 546+00.00 TO STA. 579+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	84
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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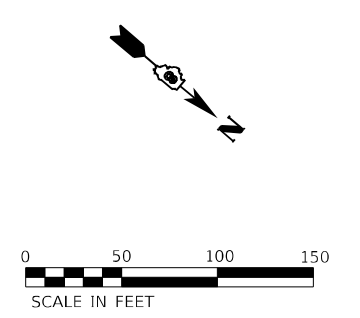


LEGEND

-  RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
-  EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



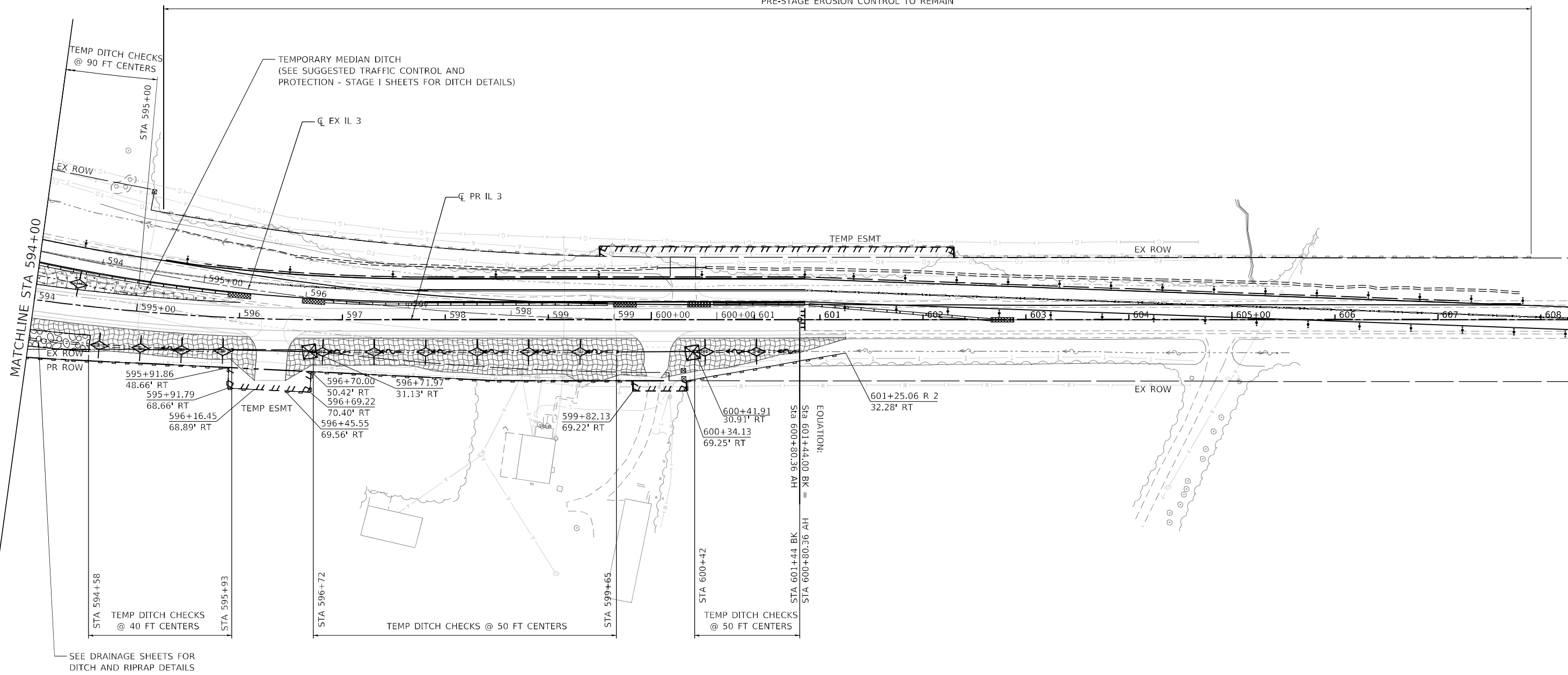
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN - STAGE I IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 3	OF 4 SHEETS	STA. 579+00.00 TO STA. 594+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 85
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

PRE-STAGE EROSION CONTROL TO REMAIN



SEE DRAINAGE SHEETS FOR DITCH AND RIPRAP DETAILS

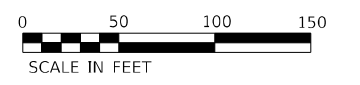
LEGEND

- RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
- EROSION CONTROL BLANKET AND SEEDING CLASS 2
- HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
- MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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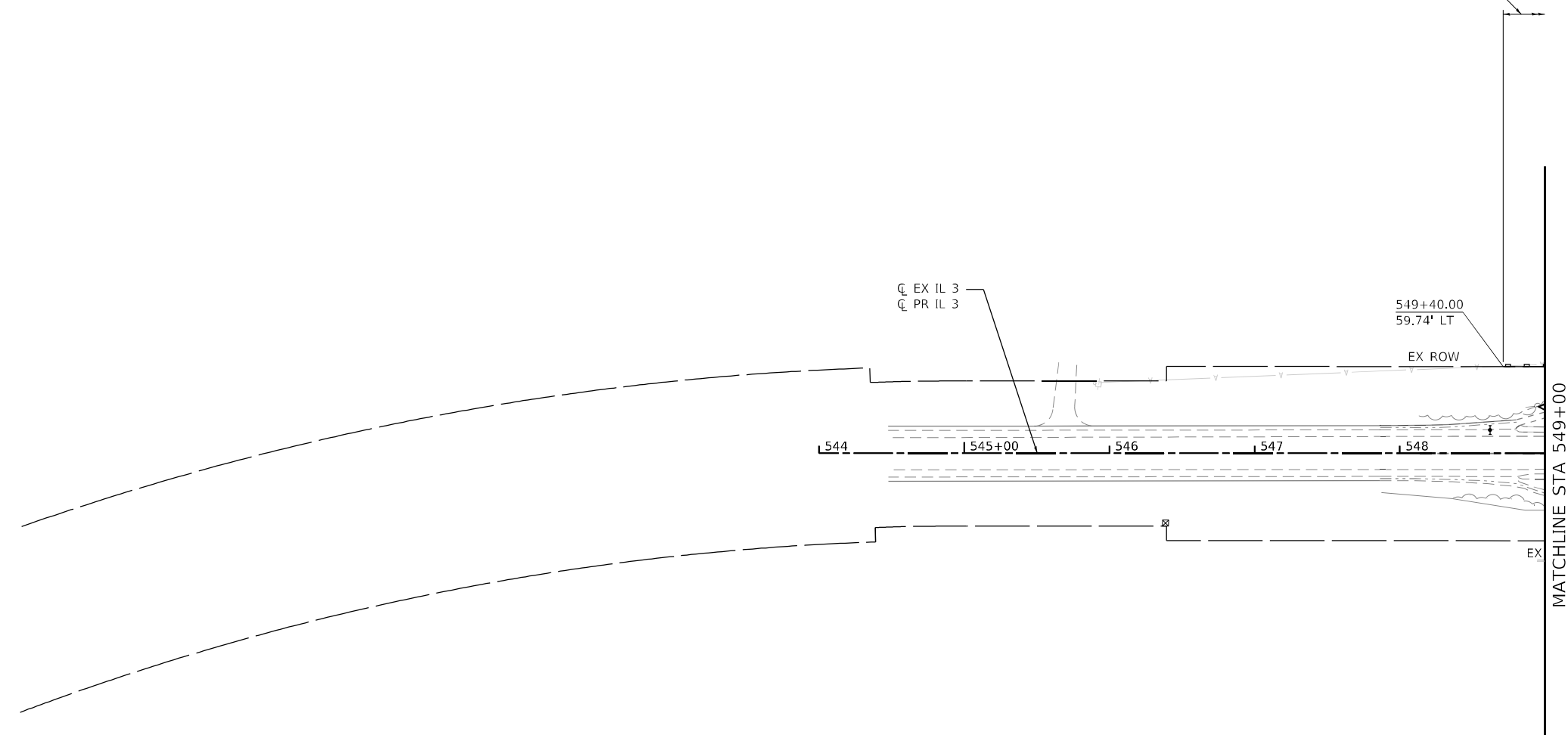
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - STAGE I
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 4 OF 4 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	86
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				




PERIMETER EROSION BARRIER TO REMAIN IN PLACE FROM PRE-STAGE



MATCHLINE STA 549+00

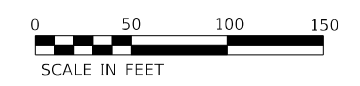
LEGEND

-  RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
-  EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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

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

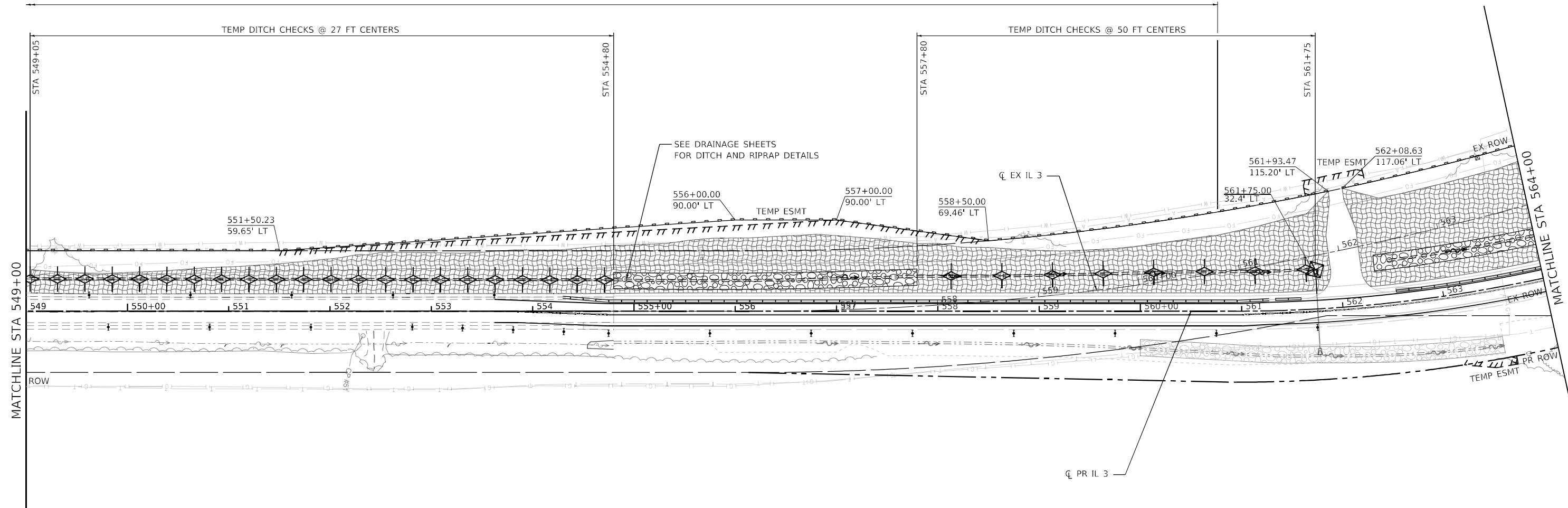
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN – STAGE II
IL 3 /FAP 312 OVER NINE MILE CREEK**










SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. TO STA. 549+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	87
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

PERIMETER EROSION BARRIER TO REMAIN IN PLACE FROM PRE-STAGE

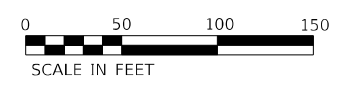


LEGEND

-  RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
-  EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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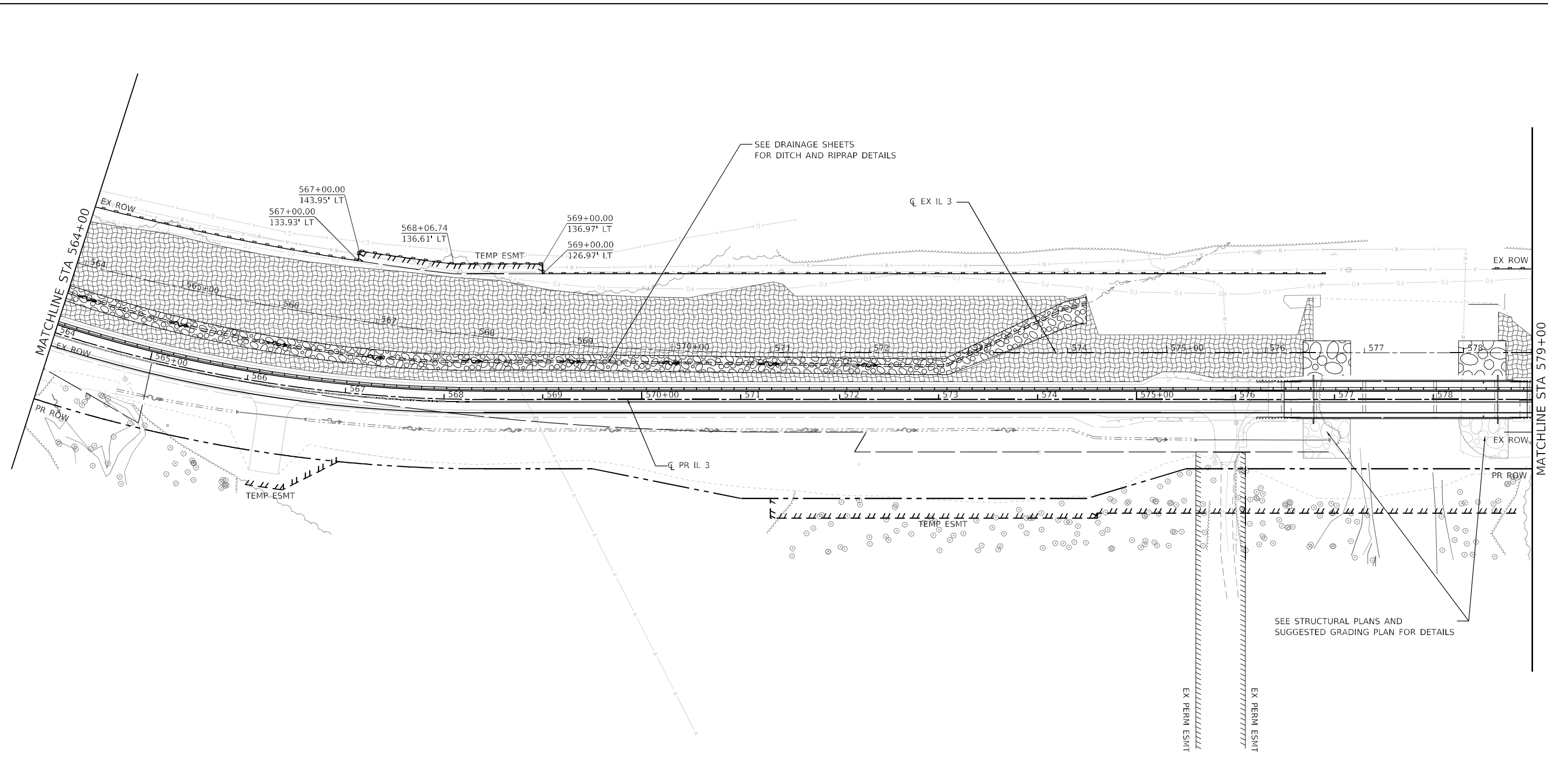
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - STAGE II
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 2 OF 5 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	88
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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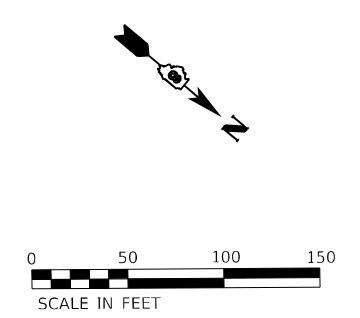


LEGEND

- RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
 - EROSION CONTROL BLANKET AND SEEDING CLASS 2
 - HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
 - MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
 - TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
 - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-
- PERIMETER EROSION BARRIER
 - TEMPORARY DITCH CHECKS
 - INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



USER NAME = tjones	DESIGNED - LNJ	REVISED -
	DRAWN - LNJ	REVISED -
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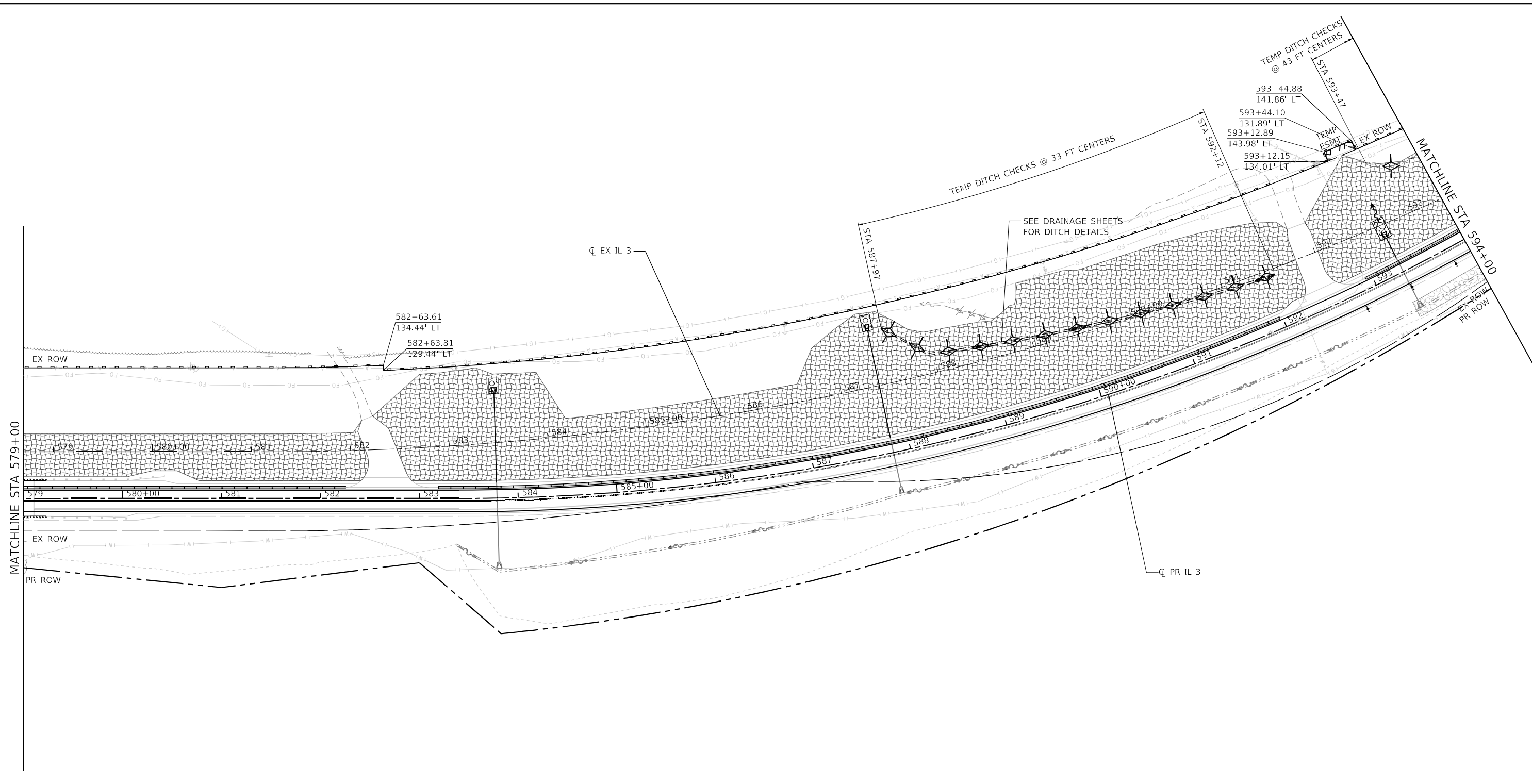
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - STAGE II
IL 3 /FAP 312 OVER NINE MILE CREEK**










SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 546+00.00 TO STA. 579+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	89
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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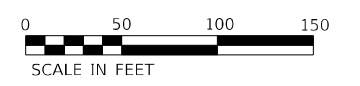
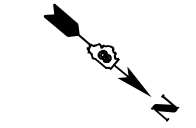


LEGEND

-  RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
-  EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



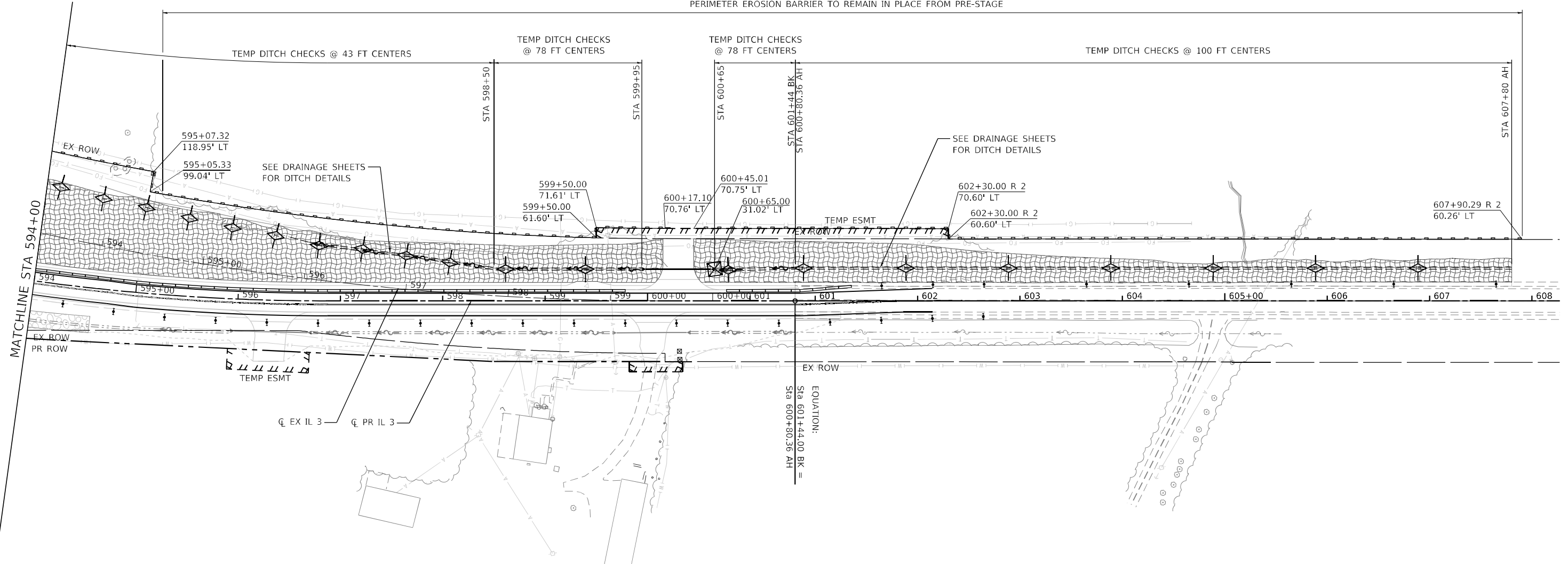
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION







EROSION CONTROL PLAN - STAGE II IL 3 / FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 4	OF 5 SHEETS	STA. 579+00.00 TO STA. 594+00.00


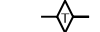

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 90
			CONTRACT NO. 76K25	
ILLINOIS FED. AID PROJECT				

PERIMETER EROSION BARRIER TO REMAIN IN PLACE FROM PRE-STAGE



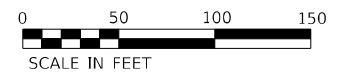
LEGEND

-  RIP RAP (SEE DRAINAGE PLANS FOR DETAILS)
-  EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  HEAVY DUTY EROSION CONTROL BLANKET AND SEEDING CLASS 2
-  MULCH, METHOD 2 AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION

NOTES

1. PRE-STAGE STATION/OFFSET ARE BASED ON EXISTING ALIGNMENT.
2. STAGE 1 AND STAGE 2 STATION/OFFSET ARE BASED ON PROPOSED ALIGNMENT.



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

USER NAME = tjones	DESIGNED - LNJ	REVISED -
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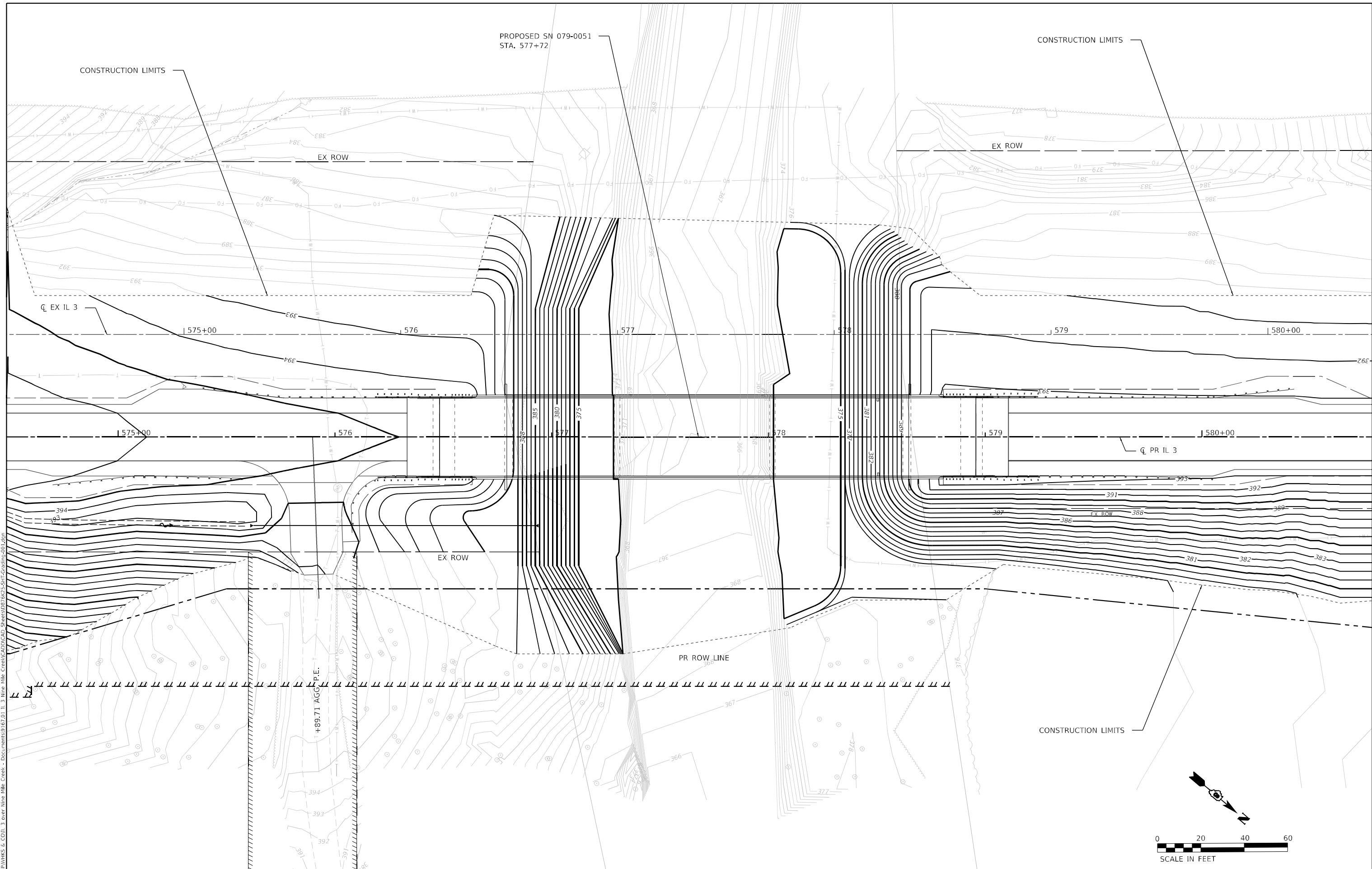
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN - STAGE II
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 5 OF 5 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	91
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				

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

USER NAME = tjones	DESIGNED - LNJ	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

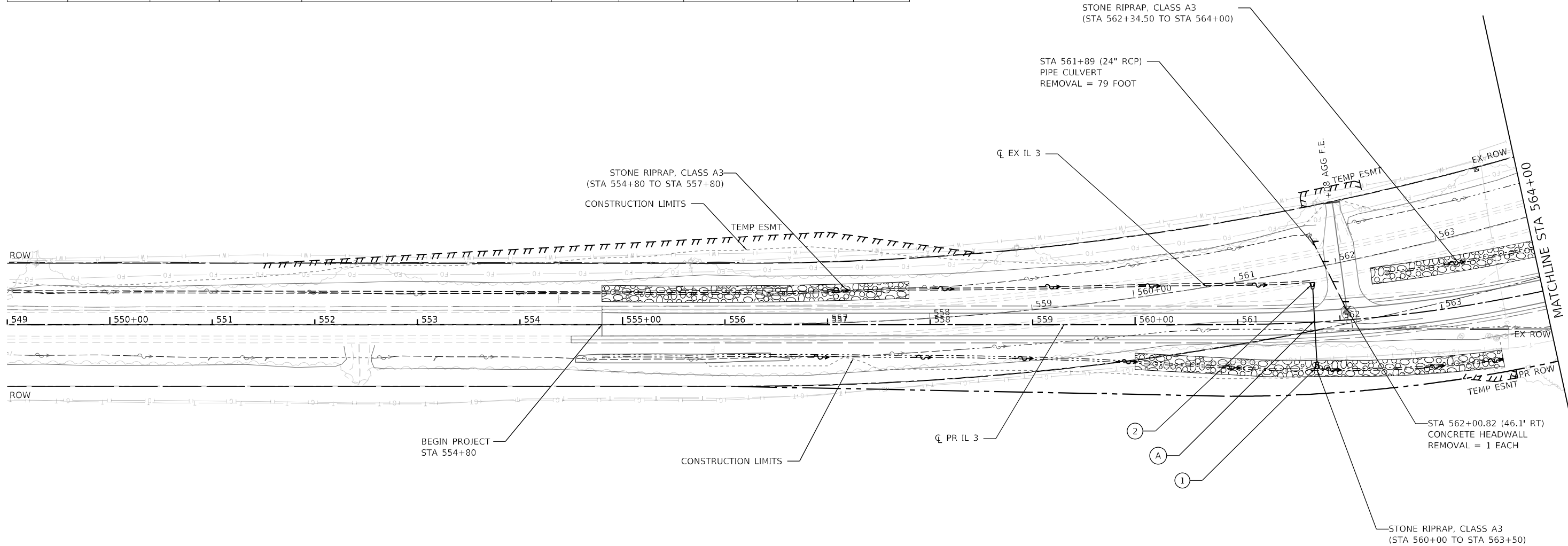
**SUGGESTED GRADING PLAN
 IL 3 /FAP 312 OVER NINE MILE CREEK**

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




F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 92
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

INSTALL	STRUCTURE NO.	STA.	OFFSET	PAY ITEM	CONCRETE COLLAR	INVERTS	
STAGE I	1	561+75.00	45.1' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	-	425.07	-
STAGE II	2	561+75.00	35.8' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	-	425.79	-

INSTALL	PIPE NO.	FROM	TO	PAY ITEM	LENGTH (FT)	SLOPE %	TRENCH BACKFILL (CY)	US INV	DS INV
STAGE I	A	1	2	PIPE CULVERTS, CLASS A, TYPE 2 24"	69	0.89%	11.0 CU YD	425.74	425.12

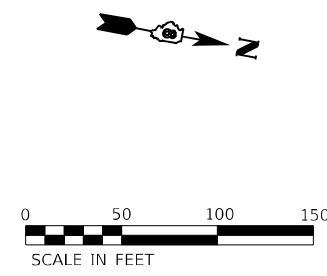


LEGEND


-  REMOVAL OF EXISTING STRUCTURES
-  PIPE CULVERT REMOVAL
-  CONCRETE HEADWALL / DRAINAGE STRUCTURE REMOVAL

NOTES

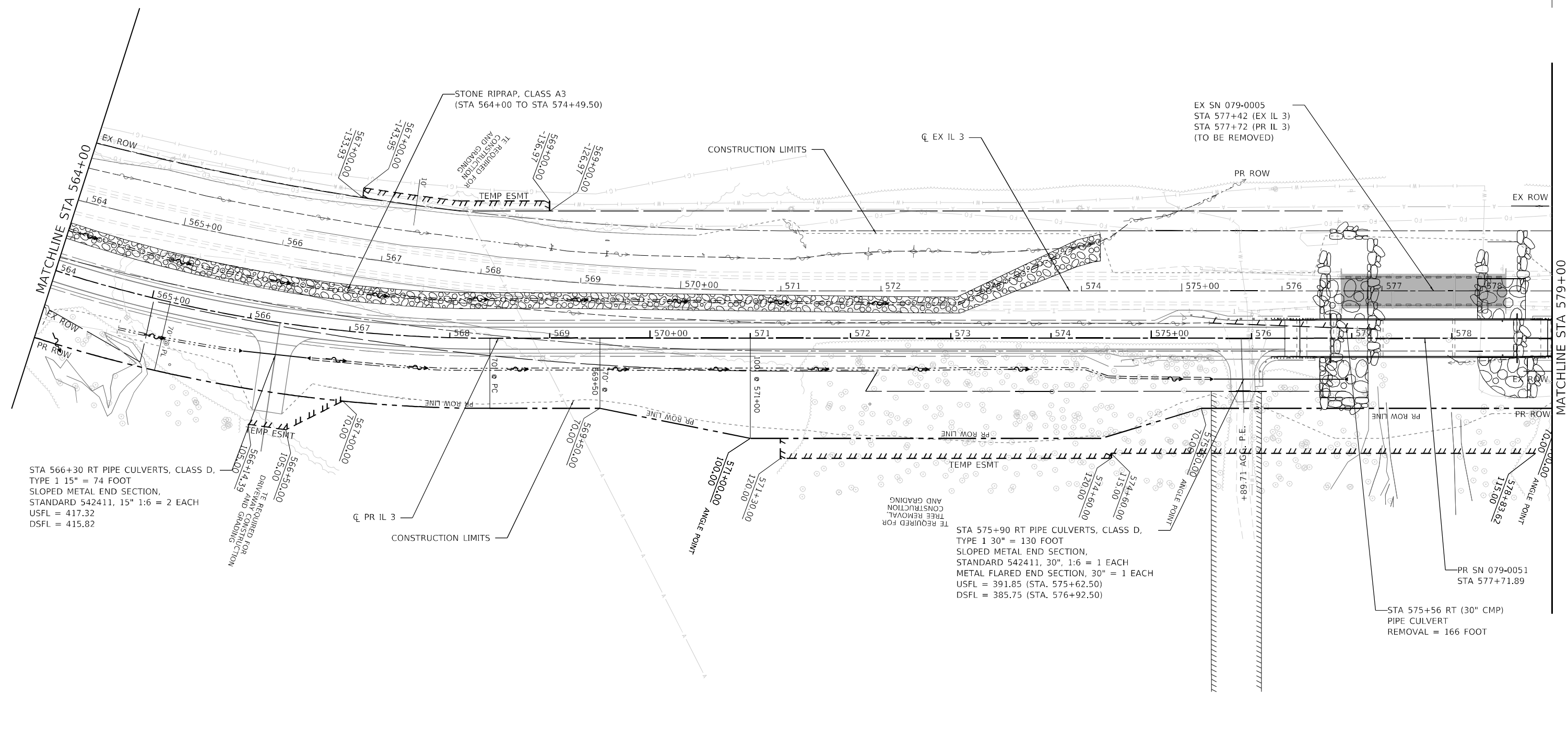
1. STATION / OFFSET IS BASED ON PROPOSED ALIGNMENT.
2. REMOVAL ITEM STATION / OFFSET IS BASED ON EXISTING ALIGNMENT.
3. SEE STAGING SHEETS FOR TEMPORARY DRAINAGE.
4. SEE REMOVAL SHEETS FOR NON-DRAINAGE RELATED REMOVAL ITEMS.



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 <p style="font-size: small;">design firm no. 184001036 engineers • planners • land surveyors</p>	USER NAME = ljones	DESIGNED - LNJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN IL 3 /FAP 312 OVER NINE MILE CREEK	F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 93
	PLOT SCALE = 1/2000.0005' / ft.	CHECKED - RKA	REVISED -			SCALE: 1" = 50'	SHEET 1 OF 8 SHEETS	STA. 549+00.00 TO STA. 564+00.00	CONTRACT NO. 76K25 ILLINOIS FED. AID PROJECT	
	PLOT DATE = 3/14/2022	DATE - 3/14/2022	REVISED -							

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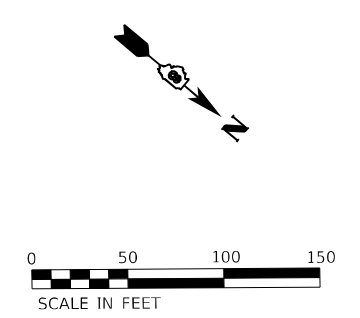


LEGEND

- REMOVAL OF EXISTING STRUCTURES
- PIPE CULVERT REMOVAL
- CONCRETE HEADWALL / DRAINAGE STRUCTURE REMOVAL

NOTES

1. STATION / OFFSET IS BASED ON PROPOSED ALIGNMENT.
2. REMOVAL ITEM STATION / OFFSET IS BASED ON EXISTING ALIGNMENT.
3. SEE STAGING SHEETS FOR TEMPORARY DRAINAGE.
4. SEE REMOVAL SHEETS FOR NON-DRAINAGE RELATED REMOVAL ITEMS.



USER NAME = tjones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1200,0005 ' / ft.	DRAWN - LNJ	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

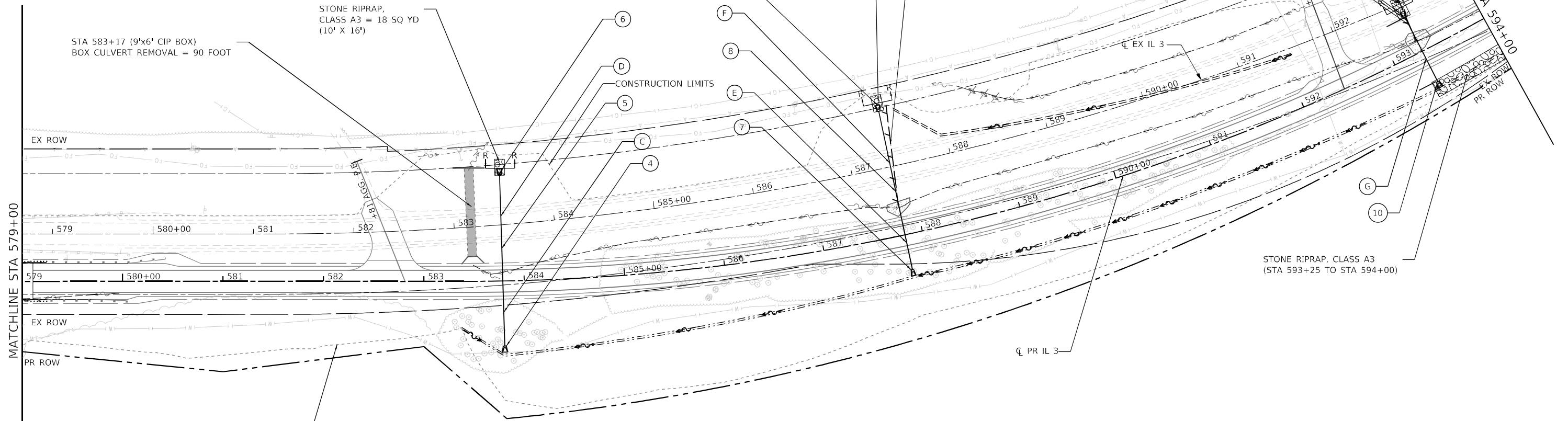
**DRAINAGE PLAN
IL 3 /FAP 312 OVER NINE MILE CREEK**

SCALE: 1" = 50' SHEET 2 OF 8 SHEETS STA. 546+00.00 TO STA. 579+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	94
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

INSTALL	STRUCTURE NO.	STA.	OFFSET	PAY ITEM	CONCRETE COLLAR	INVERTS	
STAGE I	4	583+79.00	73.1' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	-	380.66	-
STAGE II	5	583+79.00	32.6' LT	CONCRETE COLLAR	0.5 CU YD	379.66	379.66
STAGE II	6	583+79.00	111.6' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	-	378.92	-
STAGE I	7	587+82.00	41.7' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	-	392.43	-
STAGE II	8	587+82.00	44.2' LT	CONCRETE COLLAR	0.4 CU YD	385.28	385.28
STAGE II	9	587+82.00	132.0' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	-	377.97	-
STAGE I	10	593+30.00	40.1' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	-	396.72	-
STAGE II	11	593+30.00	28.9' LT	CONCRETE COLLAR	0.5 CU YD	394.75	394.75
STAGE II	12	593+30.00	44.1' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	-	394.32	-

SEE CONCRETE COLLAR DETAIL ON LAST DRAINAGE SHEETS.



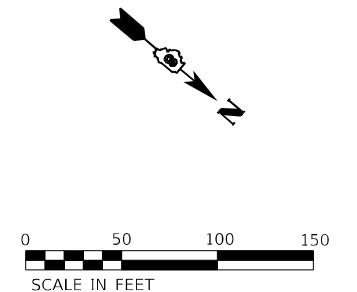
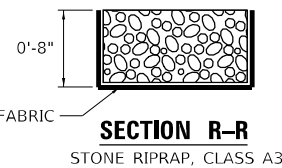
INSTALL	PIPE NO.	FROM	TO	PAY ITEM	LENGTH (FT)	SLOPE %	TRENCH BACKFILL	US INV	DS INV
STAGE I	C	4	5	PIPE CULVERTS, CLASS A, TYPE 2 30"	100	0.94%	77.7 CU YD	380.60	379.66
STAGE II	D	5	6	PIPE CULVERTS, CLASS A, TYPE 2 30"	73	0.94%	-	379.66	378.98
STAGE I	E	7	8	PIPE CULVERTS, CLASS A, TYPE 2 24"	81	8.22%	37.1 CU YD	391.92	385.28
STAGE II	F	8	9	PIPE CULVERTS, CLASS A, TYPE 2 24"	83	8.21%	-	385.28	378.48
STAGE I	G	10	11	PIPE CULVERTS, CLASS A, TYPE 2 30"	63	2.86%	12.3 CU YD	396.54	394.75
STAGE II	H	11	12	PIPE CULVERTS, CLASS A, TYPE 2 30"	9	2.87%	-	394.75	394.50

LEGEND

- REMOVAL OF EXISTING STRUCTURES
- PIPE CULVERT REMOVAL
- CONCRETE HEADWALL / DRAINAGE STRUCTURE REMOVAL

NOTES

1. STATION / OFFSET IS BASED ON PROPOSED ALIGNMENT.
2. REMOVAL ITEM STATION / OFFSET IS BASED ON EXISTING ALIGNMENT.
3. SEE STAGING SHEETS FOR TEMPORARY DRAINAGE.
4. SEE REMOVAL SHEETS FOR NON-DRAINAGE RELATED REMOVAL ITEMS.



MODEL Path: \\s:\projects\1167\01_11_3_Nine_Mile_Creek\CADD\CAD_Sheets\087625-SHT-draw-003.dgn
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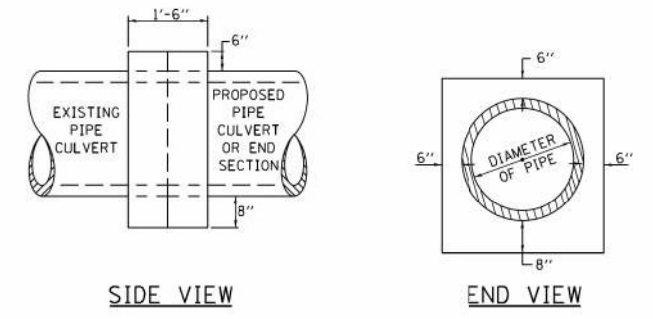


USER NAME = tjones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1200,0005' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 8/1/2022	CHECKED - RKA	REVISED -
	DATE - 8/1/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN
IL 3 /FAP 312 OVER NINE MILE CREEK
SCALE: 1" = 50' SHEET 3 OF 8 SHEETS STA. 579+00.00 TO STA. 594+00.00

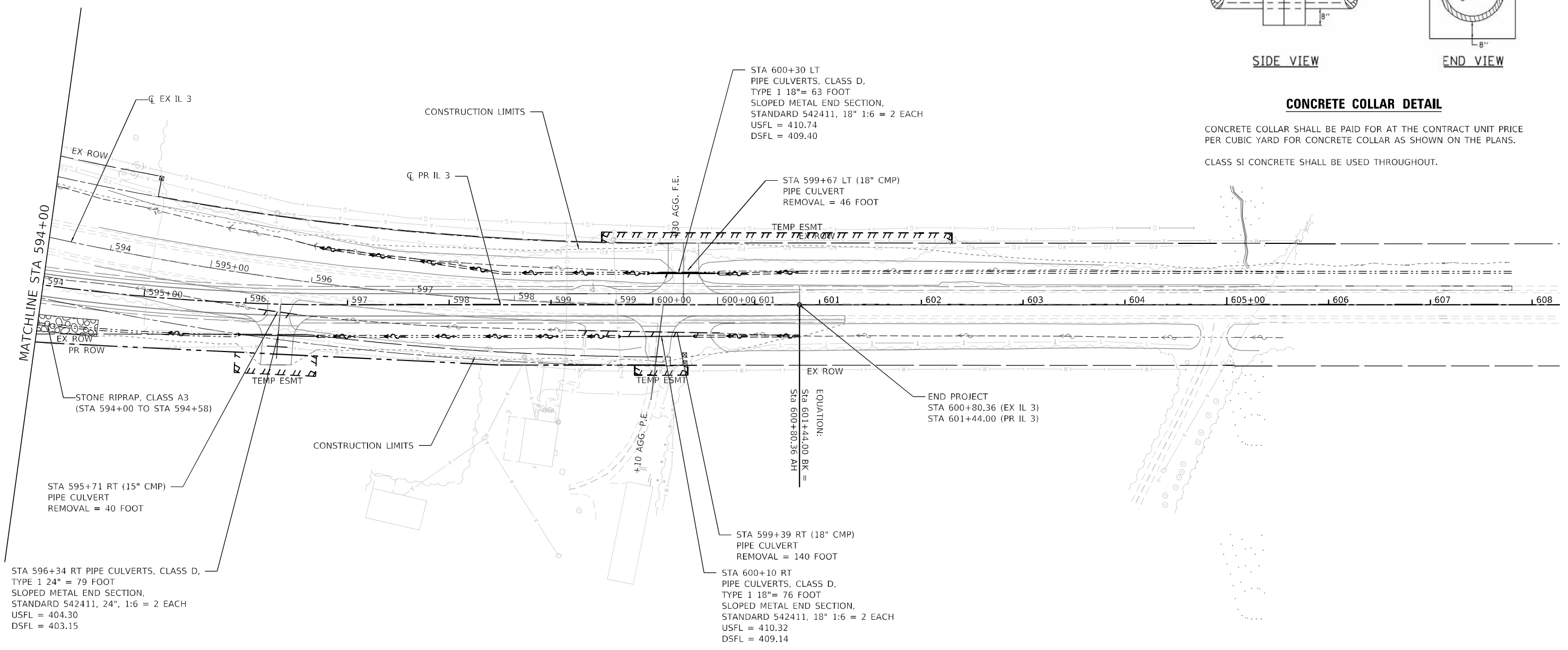
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	95
CONTRACT NO. 76K25			ILLINOIS FED. AID PROJECT	



SIDE VIEW
END VIEW

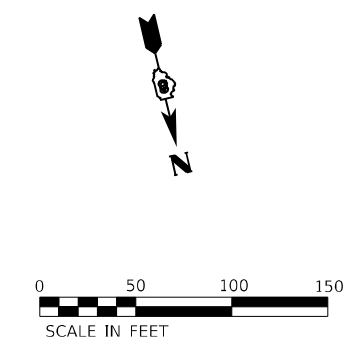
CONCRETE COLLAR DETAIL

CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR AS SHOWN ON THE PLANS.
CLASS SI CONCRETE SHALL BE USED THROUGHOUT.



- LEGEND**
- REMOVAL OF EXISTING STRUCTURES
 - PIPE CULVERT REMOVAL
 - CONCRETE HEADWALL / DRAINAGE STRUCTURE REMOVAL

- NOTES**
1. STATION / OFFSET IS BASED ON PROPOSED ALIGNMENT.
 2. REMOVAL ITEM STATION / OFFSET IS BASED ON EXISTING ALIGNMENT.
 3. SEE STAGING SHEETS FOR TEMPORARY DRAINAGE.
 4. SEE REMOVAL SHEETS FOR NON-DRAINAGE RELATED REMOVAL ITEMS.



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN
IL 3 /FAP 312 OVER NINE MILE CREEK**

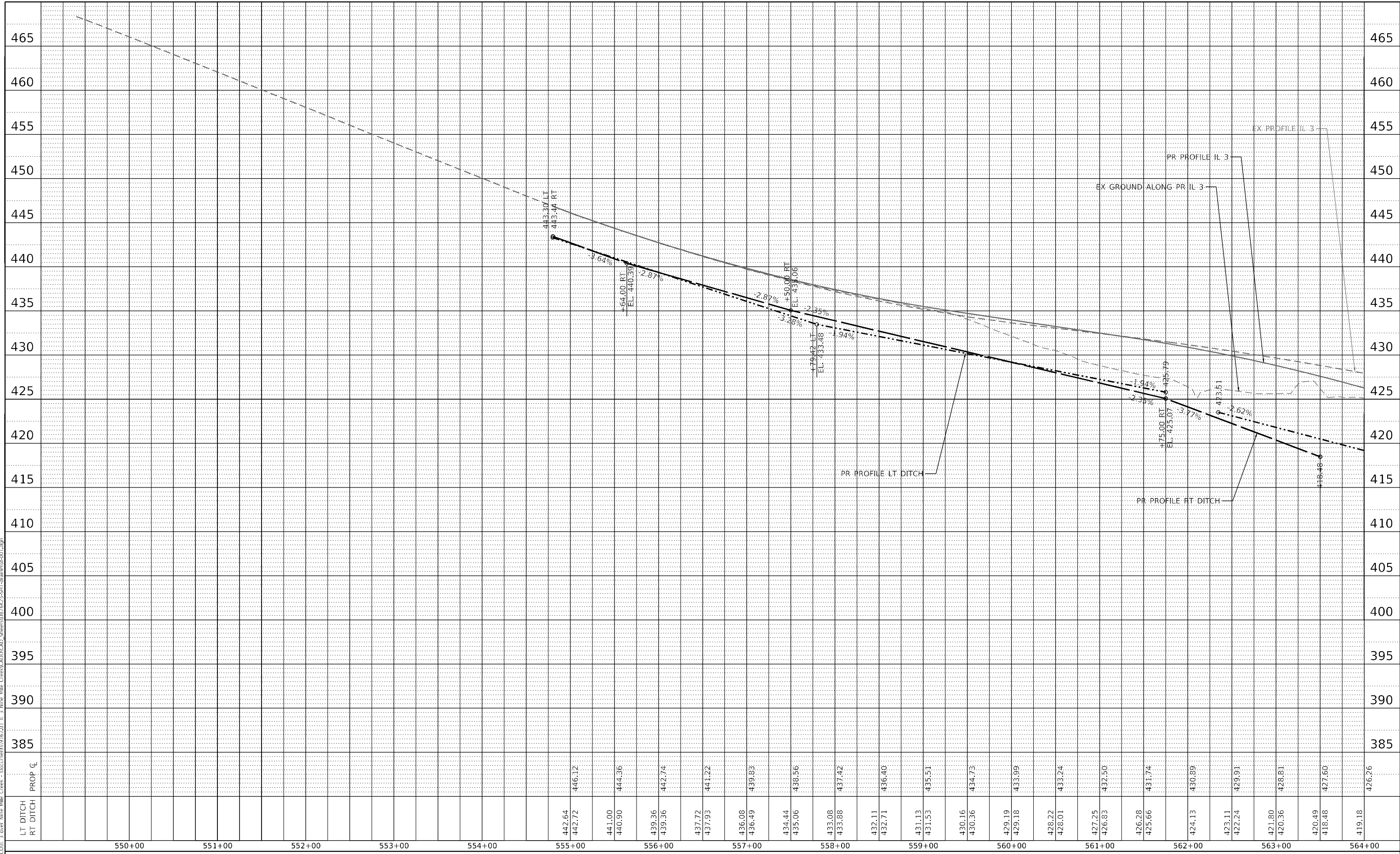
SCALE: 1" = 50' SHEET 4 OF 8 SHEETS STA. 594+00.00 TO STA. 608+27.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	96
			CONTRACT NO. 76K25	
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK NO.		
	STRUCTURE NOTATIONS CIPWD		

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LT DITCH	442.64	442.72	444.36	442.74	441.22	439.83	438.56	437.42	436.40	435.51	434.73	433.99	433.24	432.50	431.74	430.89	429.91	428.81	427.60	426.26
RT DITCH																				
PROP CL																				
	550+00	551+00	552+00	553+00	554+00	555+00	556+00	557+00	558+00	559+00	560+00	561+00	562+00	563+00	564+00					

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

USER NAME = ljones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1200,0000 ' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

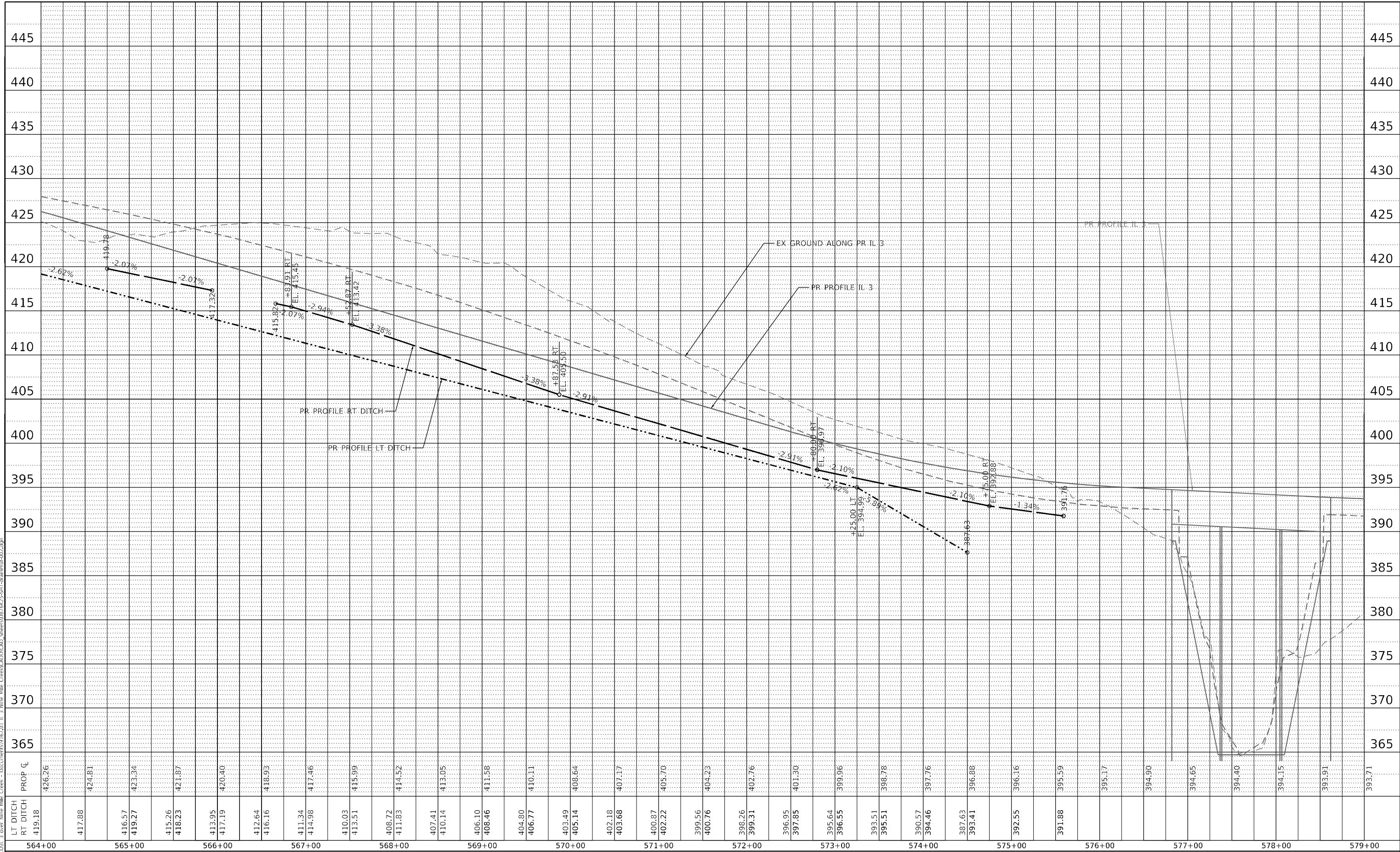
DRAINAGE PROFILE SHEET			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 5	OF 8 SHEETS	STA. 549+00.00 TO STA. 564+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 97
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76K25	

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS C/RWD		
	NOTE BOOK NO.		

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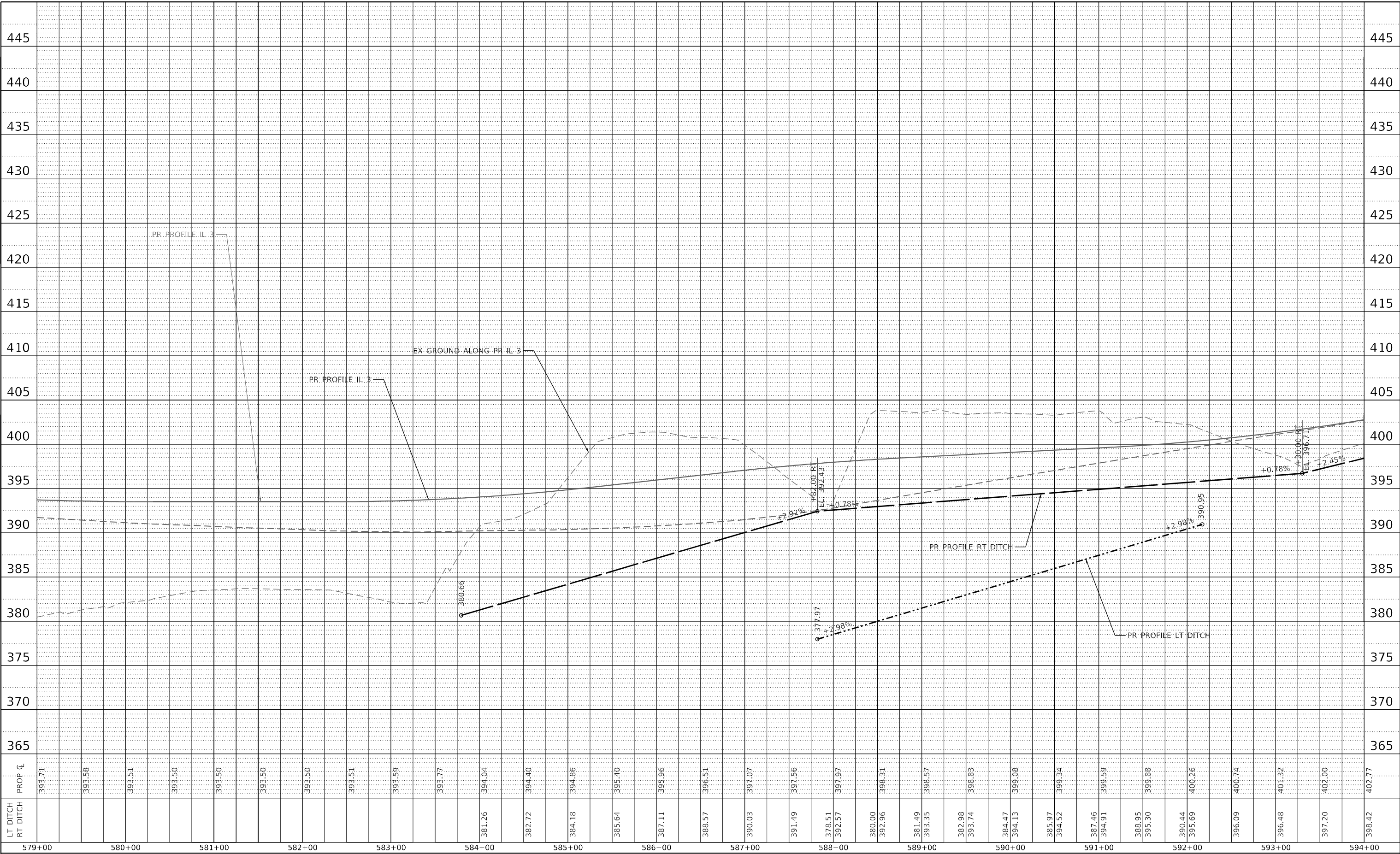
LT DITCH	419.18	419.18
RT DITCH	417.88	417.88
PROP CL	426.26	426.26
	417.88	417.88
	416.57	416.57
	419.27	419.27
	415.26	415.26
	418.23	418.23
	413.95	413.95
	417.19	417.19
	412.64	412.64
	416.16	416.16
	411.34	411.34
	414.98	414.98
	410.03	410.03
	413.51	413.51
	408.72	408.72
	411.83	411.83
	407.41	407.41
	410.14	410.14
	406.10	406.10
	408.46	408.46
	404.80	404.80
	406.77	406.77
	403.49	403.49
	405.14	405.14
	402.18	402.18
	403.68	403.68
	400.87	400.87
	402.22	402.22
	399.56	399.56
	400.76	400.76
	398.26	398.26
	399.31	399.31
	396.95	396.95
	397.85	397.85
	395.64	395.64
	396.55	396.55
	393.51	393.51
	395.51	395.51
	390.57	390.57
	394.46	394.46
	387.63	387.63
	393.41	393.41
	392.55	392.55
	391.88	391.88
	395.59	395.59
	395.17	395.17
	394.90	394.90
	394.65	394.65
	394.40	394.40
	394.15	394.15
	393.91	393.91
	393.71	393.71

design firm no. 184001036 engineers + planners + land surveyors	USER NAME = tjones DESIGNED - LNJ DRAWN - LNJ PLOT SCALE = 1200,0000 ' / ft. PLOT DATE = 3/14/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PROFILE SHEET IL 3 /FAP 312 OVER NINE MILE CREEK	F.A.P. RTE. 312 SECTION 74BR-2 COUNTY RANDOLPH TOTAL SHEETS 293 SHEET NO. 98 CONTRACT NO. 76K25	SCALE: 1" = 50' SHEET 6 OF 8 SHEETS STA. 564+00.00 TO STA. 579+00.00	ILLINOIS FED. AID PROJECT
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PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

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

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LT DITCH	381.26	382.72	384.18	385.64	387.11	388.57	390.03	391.49	392.57	393.50	394.04	394.40	394.86	395.40	395.96	396.51	397.07	397.56	397.97	398.31	398.57	398.83	399.08	399.34	399.59	399.88	400.26	400.74	401.32	402.00	402.77
RT DITCH																															
PROP CL	393.71	393.58	393.51	393.50	393.50	393.50	393.51	393.59	393.77	394.04	394.40	394.86	395.40	395.96	396.51	397.07	397.56	397.97	398.31	398.57	398.83	399.08	399.34	399.59	399.88	400.26	400.74	401.32	402.00	402.77	
STATION	579+00	580+00	581+00	582+00	583+00	584+00	585+00	586+00	587+00	588+00	589+00	590+00	591+00	592+00	593+00	594+00															

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

USER NAME = ljones	DESIGNED - LNJ	REVISED -
PLOT SCALE = 1200,0000 ' / ft.	DRAWN - LNJ	REVISED -
PLOT DATE = 3/14/2022	CHECKED - RKA	REVISED -
	DATE - 3/14/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILE SHEET
 IL 3 /FAP 312 OVER NINE MILE CREEK**

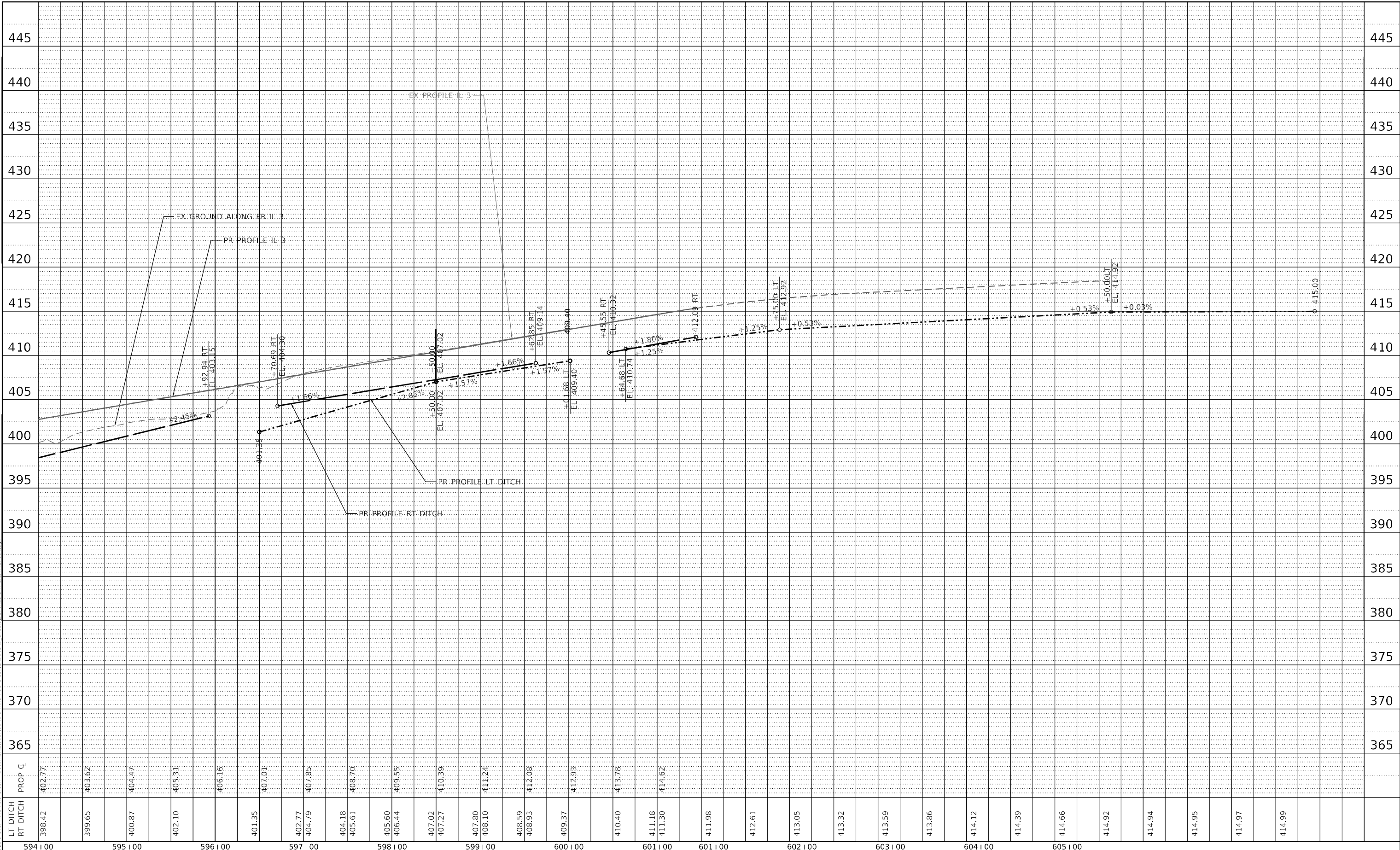
SCALE: 1" = 50' SHEET 7 OF 8 SHEETS STA. 579+00.00 TO STA. 594+00.00

F.A.P. RTE. 312	SECTION 74BR-2	COUNTY RANDOLPH	TOTAL SHEETS 293	SHEET NO. 99
CONTRACT NO. 76K25				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
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LT DITCH	398.42	402.77	403.62	404.47	405.31	406.16	407.01	407.85	408.70	409.55	410.39	411.24	412.08	412.93	413.78	414.62	415.47	416.32	417.17	418.02	418.87	419.72	420.57	421.42	422.27	423.12	423.97	424.82	425.67	426.52	427.37	428.22	429.07	429.92	430.77	431.62	432.47	433.32	434.17	435.02	435.87	436.72	437.57	438.42	439.27	440.12	440.97	441.82	442.67	443.52	444.37	445.22	
RT DITCH	399.65	403.62	407.59	411.56	415.53	419.50	423.47	427.44	431.41	435.38	439.35	443.32	447.29	451.26	455.23	459.20	463.17	467.14	471.11	475.08	479.05	483.02	486.99	490.96	494.93	498.90	502.87	506.84	510.81	514.78	518.75	522.72	526.69	530.66	534.63	538.60	542.57	546.54	550.51	554.48	558.45	562.42	566.39	570.36	574.33	578.30	582.27	586.24	590.21	594.18	598.15	602.12	606.09
PROP E	402.77	403.62	404.47	405.31	406.16	407.01	407.85	408.70	409.55	410.39	411.24	412.08	412.93	413.78	414.62	415.47	416.32	417.17	418.02	418.87	419.72	420.57	421.42	422.27	423.12	423.97	424.82	425.67	426.52	427.37	428.22	429.07	429.92	430.77	431.62	432.47	433.32	434.17	435.02	435.87	436.72	437.57	438.42	439.27	440.12	440.97	441.82	442.67	443.52	444.37	445.22		

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**

DRAINAGE PROFILE SHEET			
IL 3 /FAP 312 OVER NINE MILE CREEK			
SCALE: 1" = 50'	SHEET 8	OF 8	SHEETS
STA. 594+00.00		TO STA. 606+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	74BR-2	RANDOLPH	293	100
CONTRACT NO.76K25				
ILLINOIS FED. AID PROJECT				