

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	1
		ILLINOIS	CONTRACT NO. 66F01	

**PROPOSED
HIGHWAY PLANS**

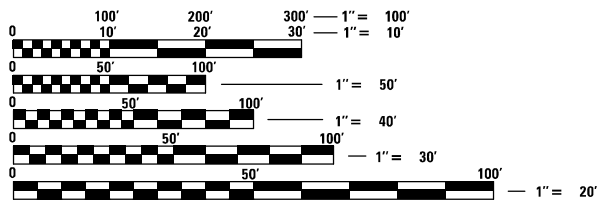
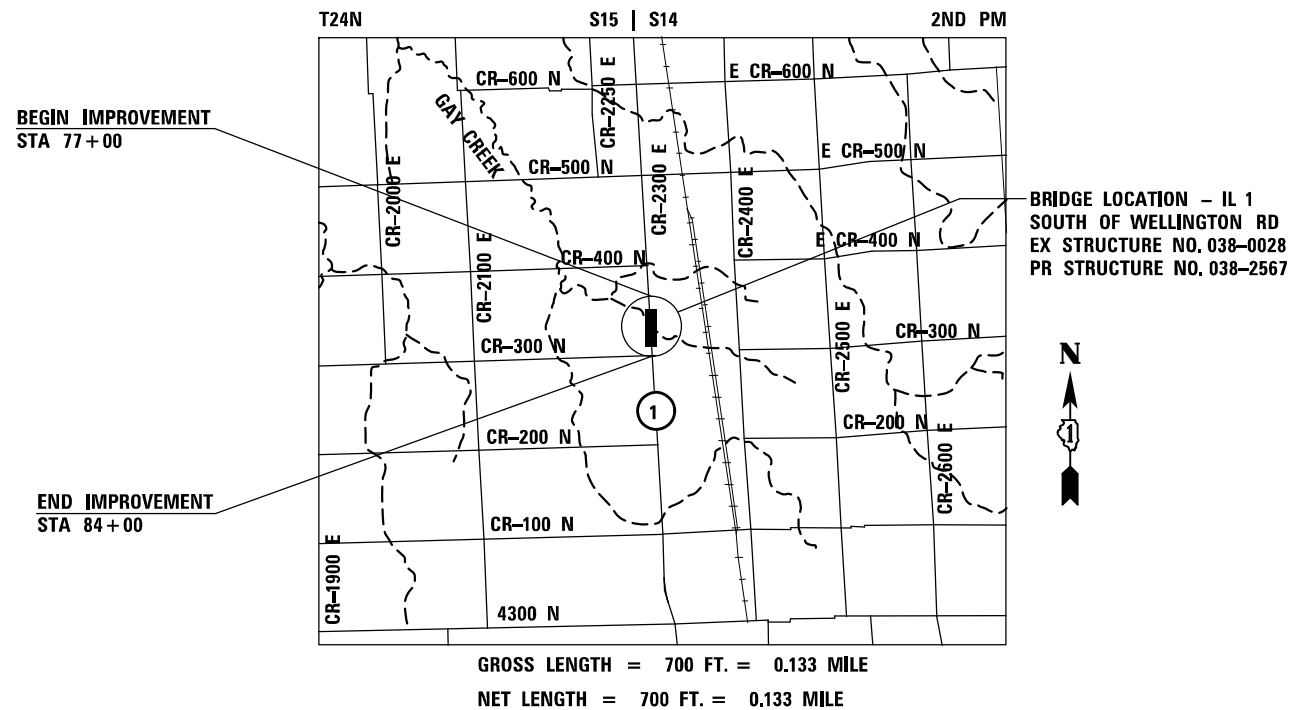
**FAP ROUTE 332A (IL-1) OVER GAY CREEK
SECTION (17RB)BR
PROJECT NHPP-A5R7(032)
BRIDGE REPLACEMENT
IROQUOIS COUNTY**

C-93-039-21

TRAFFIC DATA:

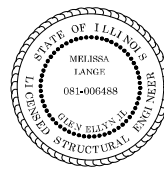
2021 ADT = 2385
2041 ADT = 2385
P.V. = 76.2%, S.U. = 12.7%, M.U. = 11.1%

**FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL**



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



AUGUST 12, 2021
Melissa Lange
MELISSA F. LANGE
ILLINOIS REG STRUCTURAL ENGINEER NO. 081-006488
EXPIRATION DATE 11-30-2022
SHEETS 23 - 40



AUGUST 12, 2021
Nicholas Varchetto
NICHOLAS VARCHETTO
ILLINOIS REG PROFESSIONAL ENGINEER NO. 062-068622
EXPIRATION DATE 11-30-2021
SHEETS 1 - 22, 41 - 48

PROJECT ENGINEER: JACOB OYIER, P.E.
UNIT CHIEF: STEPHENIE CARMIN
DISTRICT 3 NO. (815)434-6131

CONTRACT NO. 66F01



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED August 13, 2021
David Hines
REGIONAL ENGINEER
October 1, 2021
Stephen M. Smith
ENGINEER OF DESIGN AND ENVIRONMENT
October 1, 2021
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 2

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HIGHWAY STANDARDS

000001-08	STANDARDS 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
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
515001-04	NAME PLATE FOR BRIDGES
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
630001-12	STEEL PLATE BEAM GUARDRAIL
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006-01	SHOULDER RUMBLE STRIPS, 8"
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT 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
701321-18	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIERS
720001-01	SIGN PANEL MOUNT DETAILS
720006-04	SIGN PANEL ERECT DETAILS
720011-01	METAL POSTS FOR SIGNS MARKERS & DELINEATORS
725001-01	TYPICAL PAVEMENT MARKINGS
780001-05	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
781001-04	OBJECT AND TERMINAL MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

PLAN ELEVATIONS

ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON N.A.V.D. 88.

COMMITMENTS

NONE

UTILITY COORDINATION

UTILITY MEMBERS KNOWN TO EXIST WITHIN THE LIMITS OF IMPROVEMENT INCLUDE THE FOLLOWING:

- EASTERN ILLINI ELECTRIC
- FRONTIER COMMUNICATIONS
- NEW WAVE COMMUNICATIONS
- VILLAGE OF MILFORD

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING J.U.L.I.E. AT LEAST 4 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE WORK AREA.

THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGES AS A RESULT OF THE WORK.

GENERAL NOTES

THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED APRIL 1, 2016 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2021 SHALL GOVERN THE CONSTRUCTION OF THE PROPOSED WORK EXCEPT AS MODIFIED BY THE DRAWINGS.

ALL EXISTING SURROUNDING AREA AND PROPERTY SHALL BE PROTECTED FROM DAMAGE AND LEFT UNDAMAGED BY THE OPERATION OF THE CONTRACTOR. ANY OF THE SURROUNDING PROPERTY DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO AN EQUAL OR BETTER CONDITION THAN WHAT EXISTED PRIOR TO CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.

ADJUSTMENTS OF PROPOSED GRADES TO MATCH EXISTING ENTRANCES OR OTHER FIELD CONDITIONS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.

THE SUMMARY OF QUANTITIES HAS BEEN PROVIDED FOR THE CONTRACTOR'S REFERENCE. THE CONTRACTOR IS ALERTED TO THE FACT THAT THESE NUMBERS ARE ESTIMATES AND IT IS RECOMMENDED THAT THE CONTRACTOR VERIFY QUANTITIES PRIOR TO ORDERING MATERIALS.

EXCESS MATERIAL, IF NOT USED FOR OTHER ON-SITE PURPOSES, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 OF THE IDOT STANDARD SPECIFICATIONS, UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNER WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

EXISTING ROAD SIGNS THAT INTERFERE WITH THE CONSTRUCTION WILL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED. SIGN REMOVAL, STORAGE AND RELOCATION SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND WILL NOT BE PAID FOR SEPARATELY.

THE WORK AREA SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION, AND TRAFFIC.

CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MINIMIZED.

EROSION CONTROL IS A REQUIREMENT OF THIS PROJECT. ANY FINES OR PENALTIES LEVIED AGAINST THIS PROJECT FOR NON-COMPLIANCE WILL BE BORNE SOLELY BY THE CONTRACTOR.

PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, AND OTHER EROSION CONTROL ITEMS SHALL BE INSPECTED BY THE CONTRACTOR AFTER EACH RAIN EVENT AND REPAIRS SHALL BE MADE BY THE CONTRACTOR AS NEEDED.

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATION FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

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

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP SIX INCHES IN AREA TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

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

BEFORE ORDERING PIPE CULVERTS OR PIPE UNDERDRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

SURFACE COURSE NOTES

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS ITS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

THE FOLLOWING RATES OF APPLICATION WERE USED FOR POLYMERIZED BITUMINOUS MATERIALS (TACK COAT):

MILLED (HMA OR PCC)	0.050	LBS / SQ FT
PROPOSED PAVEMENT (BETWEEN LIFTS)	0.025	LBS / SQ FT

NOTES:

- INDIVIDUAL LIFT THICKNESS OF EACH MIX TYPE WILL BE NO LESS THAN 3 TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN 6 TIMES NOMINAL MAXIMUM AGGREGATE SIZE, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY THE SPECIAL PROVISIONS.
- FOR USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS.
- THE QUALITY MANAGEMENT PROGRAM FOR ALL MIXTURES SHALL BE QCQA.

HMA MIXTURE REQUIREMENT TABLE						
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	FULL DEPTH HMA BOTTOM LIFT(S)	FULL DEPTH HMA TOP LIFT	HMA SURFACE COURSE	HMA BINDER COURSE	HMA SHOULDER BOTTOM LIFT(S)	HMA SHOULDER TOP LIFT
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-19.0	IL-9.5	IL-9.5	IL-9.5FG	IL-19.0	IL-9.5
FRICITION AGGREGATE:		MIXTURE C	MIXTURE C			MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES	CORES	CORES	CORES	CORES



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	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - M. LANGE	REVISED -
PLOT DATE = 9/29/2021	DATE - 08.13.2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX, STANDARDS & GENERAL NOTES
IL 1 OVER GAY CREEK

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	2
			CONTRACT NO. 66F01	
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE	
				BRIDGE	ROADWAY
				0010	0004
				S.N.038-2567	RURAL
20200100	EARTH EXCAVATION	CU YD	510		510
20400800	FURNISHED EXCAVATION	CU YD	205		205
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	104.0	104	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	315		315
25000210	SEEDING, CLASS 2A	ACRE	1.500		1.500
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	810		810
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	810		810
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	810		810
25100630	EROSION CONTROL BLANKET	SQ YD	7,224		7,224
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	900		900
28000305	TEMPORARY DITCH CHECKS	FOOT	360		360
28000400	PERIMETER EROSION BARRIER	FOOT	1413		1413
28000500	INLET AND PIPE PROTECTION	EACH	2		2
28100107	STONE RIPRAP, CLASS A4	SQ YD	267	267	

* = COVERED BY A SPECIAL PROVISION IN THE CONTRACT SPECIFICATIONS



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PLOT DATE = 8/13/2021	DATE - 08.13.2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL 1 OVER GAY CREEK**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17R)E5	IROQUOIS	48	3
CONTRACT NO. 66F01			ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE	
				BRIDGE	ROADWAY
				0010	0004
				S.N.038-2567	RURAL
28200200	FILTER FABRIC	SQ YD	267	267	
31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	349		349
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	613		613
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	106		106
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10		10
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,702		1,702
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	45		45
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	181		181
40604000	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TON	159		159
40701866	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/4"	SQ YD	226		226
44000100	PAVEMENT REMOVAL	SQ YD	205		205
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	1870		1,870
44004000	PAVED DITCH REMOVAL	FOOT	206		206

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL 1 OVER GAY CREEK**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17R)E5	IROQUOIS	48	4
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE	
				BRIDGE	ROADWAY
				0010	0004
				S.N.038-2567	RURAL
44004250	PAVED SHOULDER REMOVAL	SQ YD	487		487
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	15		15
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	613		613
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	
50105220	PIPE CULVERT REMOVAL	FOOT	123		123
* 50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	98.0	98.0	
50800105	REINFORCEMENT BARS	POUND	67,080	67,080	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,820	2,820	
50800515	BAR SPLICERS	EACH	120	120	
51500100	NAME PLATES	EACH	1	1	
52200010	TEMPORARY SHEET PILING	SQ FT	1,600	1,600	
54003000	CONCRETE BOX CULVERTS	CU YD	240.4	240.4	
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	140		140
54262724	METAL FLARED END SECTIONS 24"	EACH	4		4

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL 1 OVER GAY CREEK**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17R)E5	IROQUOIS	48	5
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SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

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				80% FED 20% STATE	
				BRIDGE	ROADWAY
				0010	0004
				S.N.038-2567	RURAL
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	500		500
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	50	50	
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	4		4
63200310	GUARDRAIL REMOVAL	FOOT	631		631
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5		5
67100100	MOBILIZATION	L SUM	1		1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1		1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60		60
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1
70106700	TEMPORARY RUMBLE STRIPS	EACH	6		6
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60		60
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,580		1,580

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**SUMMARY OF QUANTITIES
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332A	(17R)E5	IROQUOIS	48	6
CONTRACT NO. 66F01				
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SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

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				BRIDGE	ROADWAY
				0010	0004
				S.N.038-2567	RURAL
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	530		530
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2720		2,720
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	44		44
70400100	TEMPORARY CONCRETE BARRIER	FOOT	400		400
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	400		400
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		2
70600352	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		2
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1		1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,580		1,580
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	8		8
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	35		35
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	36		36
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	8		8

* = COVERED BY A SPECIAL PROVISION IN THE CONTRACT SPECIFICATIONS



USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -
	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT SCALE = 20:0.0000 '="" / in.	CHECKED - M. LANGE	REVISED -
PLOT DATE = 8/13/2021	DATE - 08.13.2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL 1 OVER GAY CREEK**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17R)E5	IROQUOIS	48	7
CONTRACT NO. 66F01			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

MODEL: Default
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE	
				BRIDGE	ROADWAY
				0010	0004
S.N.038-2567				RURAL	
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	205	205	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	950	950	0
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	192	192	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	700		700
* Z0054400	ROCK FILL	CU YD	109.0	109.0	
Z0062456	TEMPORARY PAVEMENT	SQ YD	217		217

* = COVERED BY A SPECIAL PROVISION IN THE CONTRACT SPECIFICATIONS



USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -
	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT SCALE = 20:0.0000 '="" / in.	CHECKED - M. LANGE	REVISED -
PLOT DATE = 8/13/2021	DATE - 08.13.2021	REVISED -

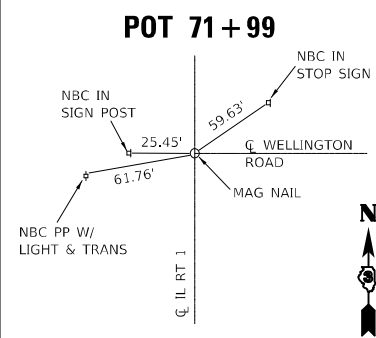
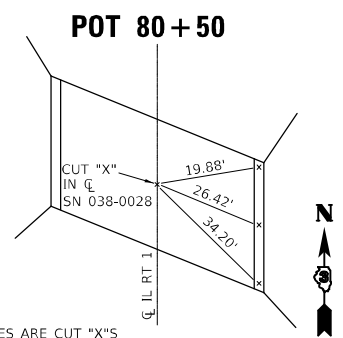
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 IL 1 OVER GAY CREEK**

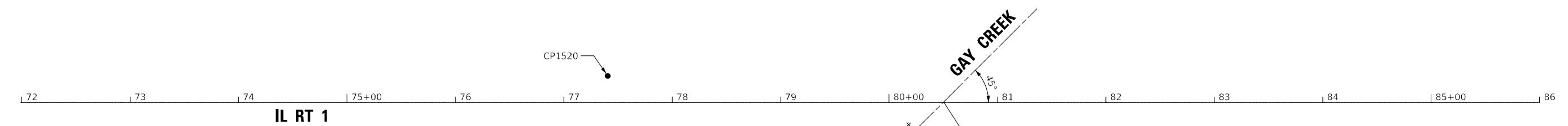
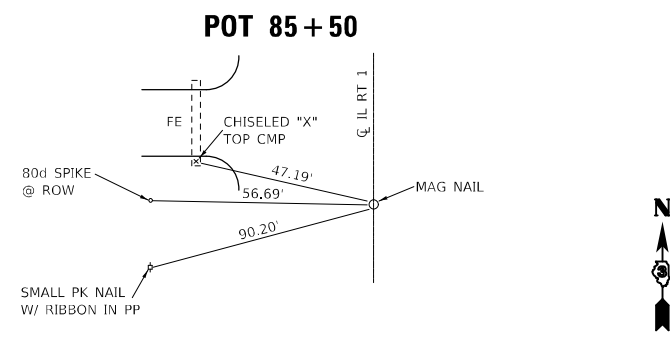
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)E5	IROQUOIS	48	8
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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

MODEL: Default
 FILE NAME: C:\Users\nmikolajczyk\OneDrive\Work\From Home\Files\MARCH2020\W20082.03\W03_IL_1_over_Gay_Creek (SNO38-0028)\CADD\Sheets\Roadway\04_Alignment_BM_Ties\366F01-sh-Alignment_Ties_BMs_01.dgn



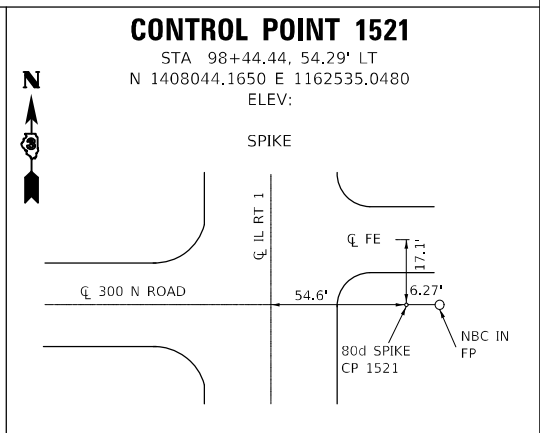
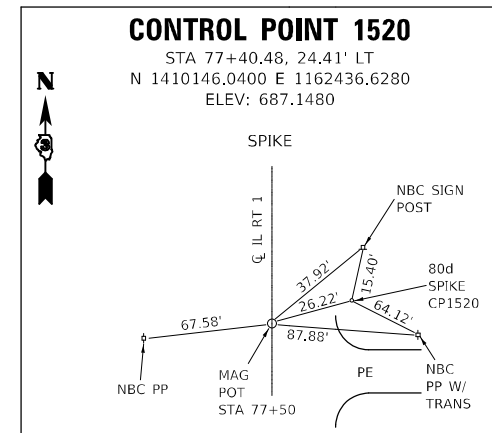
ALIGNMENT COORDINATES - IL RT 1			
DESCRIPTION	STA	NORTHING	EASTING
POT	71+99	1410686.4325	1162394.5937
POT	76+00	1410285.6454	1162407.6584
POT	79+00	1409985.8046	1162417.4325
POT	80+50	1409835.8843	1162422.3195
POT	82+00	1409685.9639	1162427.2065
POT	85+50	1410686.4325	1162394.5937
POT	86+00	1409286.1762	1162440.2386



BENCHMARK 1
 STA 80+17.98, 20.69' RT
 N 1409867.2132 E 1162400.5973
 EL: 687.635

CHISELED SQUARE ON TOP OF NORTHWEST WINGWALL OF EXISTING BRIDGE

BENCHMARK 2
 STA 77+49.83, 67.40' RT
 N 1410133.6970 E 1162345.1810
 EL: 683.091



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PLOT SCALE = 100.0000' / in.	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT DATE = 9/29/2021	CHECKED - M. LANGE	REVISED -
	DATE - 08.13.2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES & BENCHMARKS
 IL 1 OVER GAY CREEK**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	10
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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 9/29/2021 9:09:15 AM

SCHEDULE OF SHOULDER RECONSTRUCTION				
STATION	AREA	35100300	40700100	48203029
		AGGREGATE BASE COURSE, TYPE A 4"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SHOULDERS, 8"
	(SQ FT)	(SQ YD)	(POUND)	(SQ YD)
77+00 - 78+00	99	11	7.4	11
78+00 - 79+00	686	76	36.6	76
79+00 - 80+00	1223	136	34.0	136
80+00 - 81+00	1766	196	1.8	196
81+00 - 82+00	1212	135	10.4	135
82+00 - 83+00	523	58	0.0	58
83+00 - 84+00	3	0	0.0	0
TOTAL		612.4	90.2	612.4
ADJUSTED		613.0	91.0	613.0

SCHEDULE OF AGGREGATE WEDGE SHOULDER, TYPE B				
STATION	LENGTH	LT VOLUME	RT VOLUME	48102100
				AGGREGATE WEDGE SHOULDER, TY B
	(FEET)	(CU. FT.)	(CU. FT.)	(TON)
77+00.0 - 77+43.0	43.0	0.0	23.7	1.5
77+00.0 - 77+27.6	27.6	15.2	0.0	1.0
77+27.6 - 77+40.7	13.1	3.6	0.0	0.2
77+88.5 - 78+00.0	11.5	6.3	0.0	0.4
78+00.0 - 78+01.6	1.6	0.9	0.0	0.1
78+01.6 - 78+85.5	83.9	46.2	0.0	3.0
82+14.5 - 83+00.0	85.5	0.0	47.0	3.1
83+00.0 - 83+49.0	49.0	27.0	0.0	1.8
83+00.0 - 84+00.0	100.0	0.0	55.0	3.6
SUBTOTAL				14.6
ADJUSTED				15.0

SCHEDULE OF LONGITUDINAL JOINT SEALANT	
STATION	Z0033700 LENGTH (FT)
77 + 00 - 78 + 00	100.0
78 + 00 - 79 + 00	100.0
79 + 00 - 80 + 00	100.0
80 + 00 - 80 + 04	4.0
80 + 04 - 80 + 96	92.0
80 + 96 - 81 + 00	4.0
81 + 00 - 82 + 00	100.0
82 + 00 - 83 + 00	100.0
83 + 00 - 84 + 00	100.0
SUBTOTAL	700.0
TOTAL	700.0

SCHEDULE OF ROADWAY RECONSTRUCTION				
STATION	31100810	40600275	40700100	40701866
	SUBBASE GRANULAR MATERIAL, TYPE B 12"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9 1/4"
	(SQ YD)	(POUND)	(POUND)	(SQ YD)
80+00 - 81+00	348.8	10.0	152.5	225.9
SUBTOTAL	348.8	10.0	152.5	225.9
ADJUSTED	349	10	153	226

SCHEDULE OF GUARDRAIL REMOVAL		
STATION	OS	63200310
		GUARDRAIL REMOVAL (FEET)
	79+00 - 83+00	LEFT
78+00 - 82+00	RIGHT	309
TOTAL		631

SCHEDULE OF ROADWAY RESURFACING			
STATION	40600290	40602978	40604000
	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5, N50, 1 1/4"	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5FG, MIX "C", N50, 1 1/2"
	(POUND)	(TON)	(TON)
76 + 00 - 77 + 00	0.0	0.0	0.0
77 + 00 - 78 + 00	280.0	13.8	26.1
78 + 00 - 79 + 00	280.0	7.4	26.1
79 + 00 - 80 + 00	280.0	55.0	26.1
80 + 00 - 81 + 00	21.3	5.2	2.0
81 + 00 - 82 + 00	280.0	27.2	26.1
82 + 00 - 83 + 00	280.0	21.1	26.1
83 + 00 - 84 + 00	280.0	50.9	26.1
SUBTOTAL	1701	180.6	158.8
TOTAL	1702	181.0	159.0

SCHEDULE OF HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"				
STATION	LENGTH	AVERAGE WIDTH	AREA	44000160
				AREA
	(FEET)	(FEET)	(SQ FT)	(SQ YD)
076+00.0 - 077+00.0	0	0	0	0
077+00.0 - 077+63.0	63.0	27.8	2773.9	308.2
077+63.0 - 078+00.0	37.0	27.6	2753.4	305.9
078+00.0 - 079+00.0	100.0	27.5	2769.2	307.7
079+00.0 - 079+85.0	85.0	27.7	221.7	24.6
081+15.0 - 082+00.0	85.0	27.7	2760.0	306.7
082+00.0 - 083+00.0	100.0	27.7	2777.0	308.6
083+00.0 - 084+00.0	100.0	27.8	2777.0	308.6
SUBTOTAL				1870.3

SCHEDULE OF DRAINAGE REMOVAL ITEMS			
STATION	OS	50105220	44004000
		PIPE CULVERT REMOVAL	PAVED DITCH REMOVAL
	(FOOT)	(FOOT)	
77+00 - 078+00	LEFT	72	0
79+00 - 080+00	RIGHT	-	49
80+00 - 081+00	LEFT	-	48
80+00 - 081+00	RIGHT	-	55
81+00 - 082+00	LEFT	-	54
82+00 - 083+00	LEFT	13	-
83+00 - 084+00	LEFT	38	-
TOTAL		123.0	206



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PLOT DATE = 9/29/2021	CHECKED - M. LANGE	REVISED -
	DATE - 08.13.2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL 1 OVER GAY CREEK

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	11
CONTRACT NO. 66F01			ILLINOIS FED. AID PROJECT	

MODEL: Default
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 9/29/2021 9:09:15 AM

SCHEDULE OF SEEDING AND EROSION CONTROL BLANKET							
STATION	LENGTH	25000210	25000400	25000500	25000600	28000250	25100630
		SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	TEMPORARY EROSION CONTROL	EROSION CONTROL BLANKET
	(FEET)	(ACRE)	(POUND)	(POUND)	(POUND)	(POUND)	(SQ YD)
LEFT SIDE							
76+00 - 77+00	100.0	0.091	49.1	49.1	49.1	54.6	440.1
77+00 - 78+00	100.0	0.078	42.0	42.0	42.0	46.7	376.7
78+00 - 79+00	100.0	0.089	47.8	47.8	47.8	53.1	428.7
79+00 - 80+00	100.0	0.087	46.8	46.8	46.8	52.0	419.4
80+00 - 81+00	100.0	0.049	26.3	26.3	26.3	29.2	235.7
81+00 - 82+00	100.0	0.075	40.6	40.6	40.6	45.1	363.9
82+00 - 83+00	100.0	0.092	49.9	49.9	49.9	55.4	447.2
83+00 - 84+00	100.0	0.072	38.6	38.6	38.6	42.9	346.1
SUBTOTAL		0.632	341.2	341.2	341.2	379.1	3057.8
TEMPORARY EROSION CONTROL SEEDING RATE: 100 lb/ac 6 times							
RIGHT SIDE							
76+00 - 77+00	100.0	0.112	60.7	60.7	60.7	67.4	543.9
77+00 - 78+00	100.0	0.122	65.6	65.6	65.6	72.9	588.2
78+00 - 79+00	100.0	0.114	61.3	61.3	61.3	68.1	549.7
79+00 - 80+00	100.0	0.092	49.7	49.7	49.7	55.3	445.9
80+00 - 81+00	100.0	0.063	34.2	34.2	34.2	38.0	306.6
81+00 - 82+00	100.0	0.115	61.8	61.8	61.8	68.7	554.2
82+00 - 83+00	100.0	0.122	65.7	65.7	65.7	73.0	588.9
83+00 - 84+00	100.0	0.122	65.7	65.7	65.7	73.0	588.8
SUBTOTAL		0.861	464.8	464.8	464.8	516	4166.1
TEMPORARY EROSION CONTROL SEEDING RATE: 100 lb/ac 6 times							
TOTAL		1.493	806.0	806.0	806.0	895.5	7223.9
ADJUSTED		1.500	810	810	810	900	7224

SCHEDULE OF DRAINAGE ITEMS			
STATION	OS	542C0229	54262724
		PIPE CULVERTS, CLASS C, TYPE 1 24"	METAL FLARED END SECTIONS 24"
		(FOOT)	(EACH)
77+00 - 78+00	LEFT	70	1
78+00 - 79+00	LEFT	0	1
82+00 - 83+00	LEFT	13	1
82+00 - 83+00	RIGHT	0	0
83+00 - 84+00	LEFT	57	1
83+00 - 84+00	RIGHT	0	0
TOTAL		140	4

SCHEDULE OF EROSION CONTROL ITEMS				
STATION	OS	28000400	28000305	28000500
		PERIMETER EROSION BARRIER	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION
		(FOOT)	(FOOT)	(EACH)
76+00 - 77+00	LEFT	100	18	1
76+00 - 77+00	RIGHT	100	26	0
77+00 - 78+00	LEFT	87	18	0
77+00 - 78+00	RIGHT	100	31	0
78+00 - 79+00	LEFT	100	18	0
78+00 - 79+00	RIGHT	100	18	0
79+00 - 80+00	LEFT	100	21	0
79+00 - 80+00	RIGHT	74	14	0
80+00 - 81+00	LEFT	51	23	1
80+00 - 81+00	RIGHT	51	21	0
81+00 - 82+00	LEFT	74	29	0
81+00 - 82+00	RIGHT	100	25	0
82+00 - 83+00	LEFT	100	30	0
82+00 - 83+00	RIGHT	100	33	0
83+00 - 84+00	LEFT	76	20	0
83+00 - 84+00	RIGHT	100	20	0
TOTAL		1413	360	2

SCHEDULE FOR GUARDRAIL; TERMINALS; DIRECT APPLIED MARKERS			
STATION	63000001	63100169	72501000
	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	TERMINAL MARKER - DIRECT APPLIED
	(FOOT)	(EACH)	(EACH)
78+00 - 79+00	50	1	1
79+00 - 80+00	138	1	1
80+00 - 81+00	150	0	0
81+00 - 82+00	138	1	1
82+00 - 83+00	25	1	1
83+00 - 84+00	0	0	0
TOTAL	500	4	4



USER NAME = nmikolajczyk
 DESIGNED - N. VARCHETTO
 DRAWN - K. KOLODZIEJCZYK
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 CHECKED - M. LANGE
 PLOT DATE = 9/29/2021
 DATE - 08.13.2021

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 IL 1 OVER GAY CREEK

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17R)BR	IROQUOIS	48	13
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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LOCATION			20200100				20400800				21101505				TOPSOIL BALANCE WASTE (+) SHORTAGE (-) (CU YD)											
STA	TO STA.	LENGTH	EARTH EXCAVATION (SF)		EMBANKMENT (SUITABLE FILL) (SF)		TOPSOIL EXCAVATION (SF)		TOPSOIL PLACEMENT (SF)		EARTH EXCAVATION (CU YD)		EARTH EX ADJ (25 %)		EMBANKMENT (CU YD)		FURNISHED EXCAVATION BALANCE WASTE (+) SHORTAGE (-) (CU YD)		TOPSOIL EXCAVATION & PLACEMENT		TOPSOIL TO BE PLACED		TOPSOIL BALANCE WASTE (+) SHORTAGE (-) (CU YD)			
			STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2	STAGE 1	STAGE 2
77+00.00	77+65.00	65.0	7.0	0.0	0.0	0.0	9.8	0.0	9.8	0.0	26.4	0.0	19.8	0.0	0.0	0.0	19.8	0.0	25.8	0.0	25.8	0.0	0.0	0.0		
77+65.00	78+00.00	35.0	14.9	0.0	0.0	0.0	11.6	0.0	11.6	0.0	15.8	10.3	11.9	7.7	0.4	0.6	11.5	7.1	14.0	7.5	14.7	7.4	-0.7	0.1		
78+00.00	79+00.00	100.0	9.5	15.9	0.6	1.0	10.0	11.5	11.1	11.4	30.9	40.6	23.2	30.4	18.0	5.7	5.2	24.7	40.9	36.7	44.6	40.0	-3.7	-3.3		
79+00.00	79+50.00	50.0	7.2	6.0	9.1	2.1	12.1	8.3	13.0	10.2	26.2	11.5	19.7	8.6	22.0	19.6	-2.4	-11.0	24.1	17.0	25.8	19.4	-1.8	-2.3		
79+50.00	79+83.70	33.7	21.1	6.4	14.7	19.1	13.9	10.1	14.9	10.7	13.5	11.1	10.1	8.3	13.4	26.4	-3.2	-18.1	11.5	13.3	12.9	14.2	-1.4	-0.9		
79+83.70	80+00.00	16.3	0.5	11.4	6.7	23.2	4.6	11.2	5.8	12.0	0.2	3.4	0.1	2.6	2.0	7.0	-1.9	-4.4	1.4	3.4	1.8	3.6	-0.4	-0.2		
CULVERT																										
81+00.00	81+16.30	16.3	24.2	26.2	15.3	21.0	13.0	6.7	14.7	14.6	28.1	12.5	21.1	9.3	5.2	8.5	15.9	0.9	7.7	5.0	8.6	7.5	-0.9	-2.6		
81+16.30	81+50.00	33.7	69.0	15.1	1.8	7.0	12.6	9.8	13.8	10.4	87.3	17.9	65.5	13.4	2.4	5.4	63.1	8.0	15.1	13.3	16.5	14.1	-1.4	-0.8		
81+50.00	82+00.00	50.0	70.9	13.6	2.0	1.7	11.6	11.5	12.6	12.2	73.4	35.7	55.1	26.8	2.4	13.8	52.7	13.0	18.6	21.8	20.8	23.0	-2.2	-1.2		
82+00.00	83+00.00	100.0	8.4	25.0	0.6	13.2	8.5	12.0	9.9	12.6	15.6	46.3	11.7	34.7	1.1	24.4	10.6	10.3	15.7	22.2	18.3	23.3	-2.6	-1.1		
SUB-TOTAL PER STAGE:											317.4	189.3	238.0	142.0	66.8	111.5	171.2	30.4	174.9	140.1	189.8	152.5	-15.0	-12.4		
TOTAL:											510		380		178		205		315.0		342			-27		

EARTHWORK NOTES:

- EARTH EXCAVATION, STOCKPILE (IF REQUIRED) AND SUBSEQUENT PLACEMENT (WHEN APPLICABLE) SHALL ONLY BE MEASURED AND PAID FOR ONCE, NOT EACH TRANSPORT. ALL STOCKPILES TO BE APPROVED OF BY ENGINEER.
- EXISTING TOPSOIL EXCAVATION SHALL BE MEASURED IN PLACE AND PAID PER CUBIC YARD AS "TOPSOIL EXCAVATION AND PLACEMENT". EXISTING TOPSOIL IS ASSUMED TO BE SUITABLE FOR PROPOSED TOPSOIL. AN ASSUMED DEPTH OF 4" WAS USED TO CALCULATE EXISTING TOPSOIL.
- TOPSOIL STRIPPED IN EXCESS OF THAT REQUIRED FOR THE CONTRACT, SHALL BE REMOVED PER ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND WILL BE INCLUDED IN THE COST OF THE INITIAL "TOPSOIL EXCAVATION AND PLACEMENT".



USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -
	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT SCALE = 20:0.0000 '"/ in.	CHECKED - M. LANGE	REVISED -
PLOT DATE = 9/29/2021	DATE - 08.13.2021	REVISED -

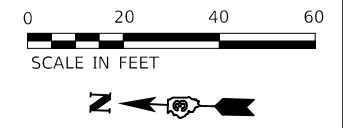
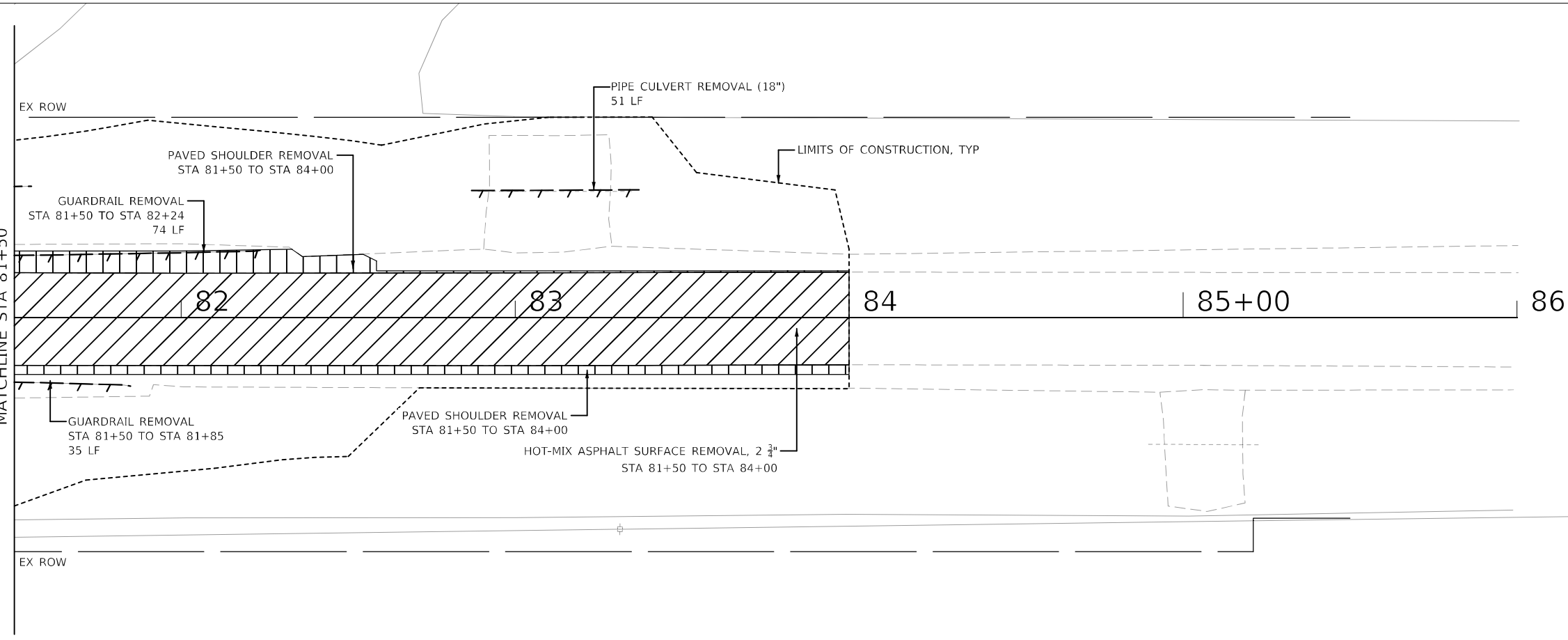
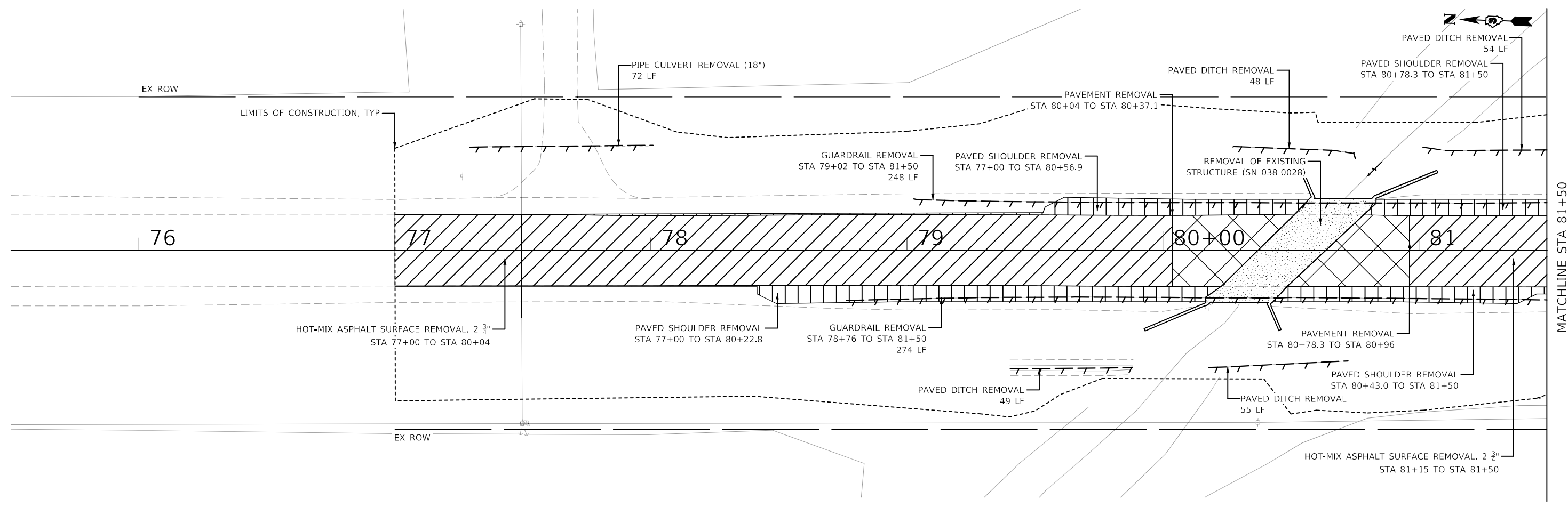
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL 1 OVER GAY CREEK

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	14
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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LEGEND

	PAVEMENT REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4\"/>
	PAVED SHOULDER REMOVAL
	REMOVAL OF EXISTING STRUCTURES
	LINEAR REMOVAL (AS NOTED)



USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT DATE = 9/29/2021	CHECKED - M. LANGE	REVISED -
	DATE - 08.13.2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
 IL 1 OVER GAY CREEK**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 76+00 TO STA. 84+00

F.A.P. RTE. 332A	SECTION (17RB)BR	COUNTY IROQUOIS	TOTAL SHEETS 48	SHEET NO. 15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F01	

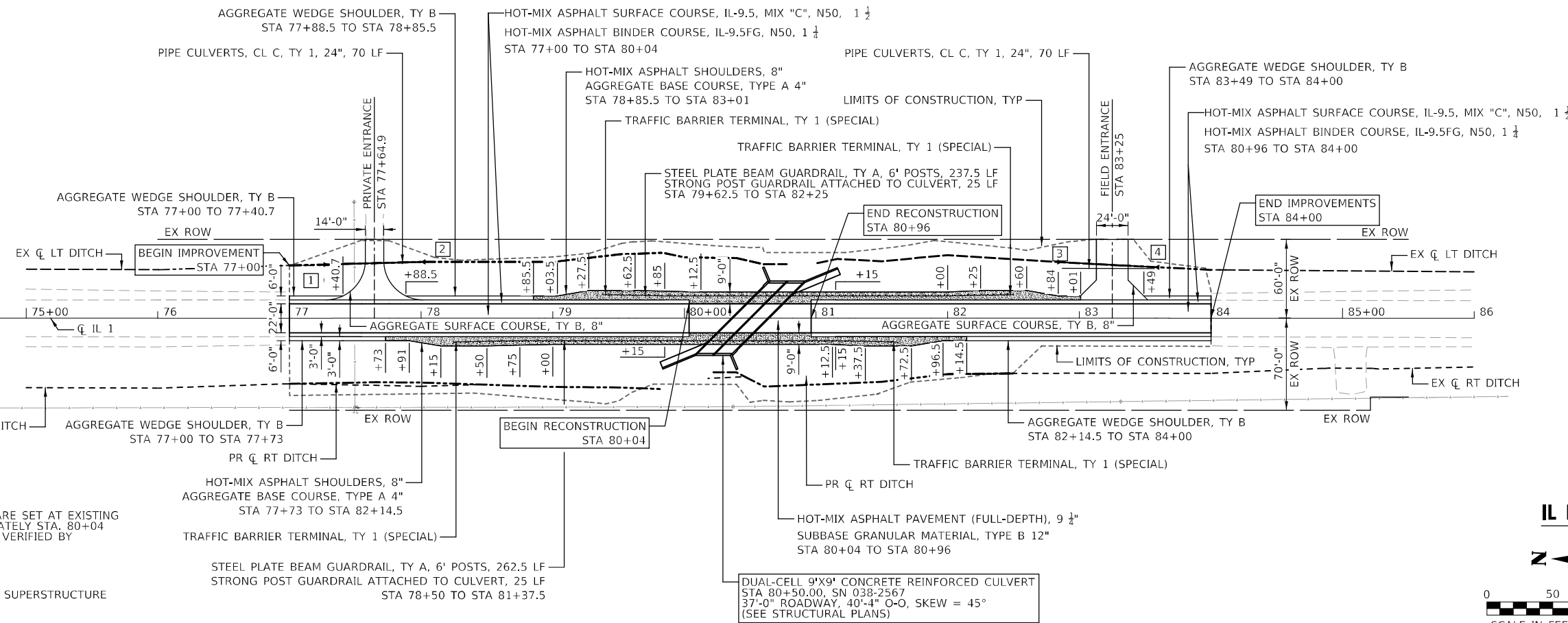
STRUCTURE TABLE

- 1 METAL FLARED END SECTIONS, 24"
STA 77+29.6, 40.6' LT
INV 682.00 (N)
- 2 METAL FLARED END SECTIONS, 24"
STA 77+99.6, 41.8' LT
INV 681.60 (S)
- 3 METAL FLARED END SECTIONS, 24"
STA 82+83, 42.8' LT
INV 681.94 (N)
- 4 METAL FLARED END SECTIONS, 24"
STA 83+60.8, 38.7' LT
INV 683.10 (S)

DATE	
BY	
REVIEWED	
PLANNED	
NO.	
NO.	
NO.	
NO.	

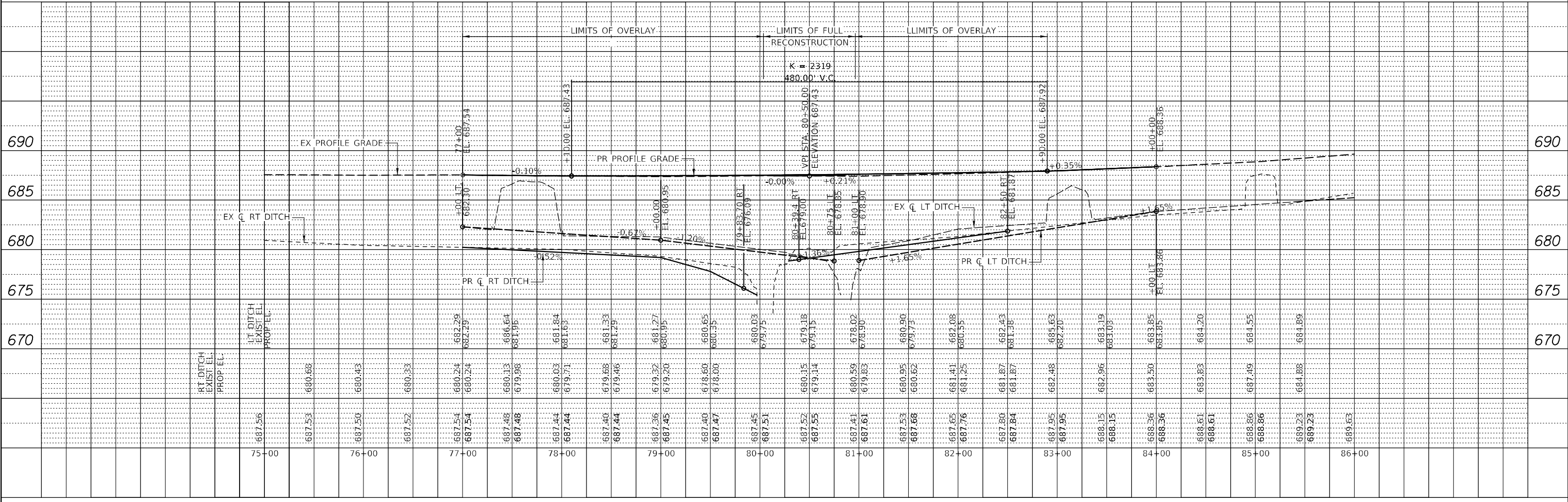
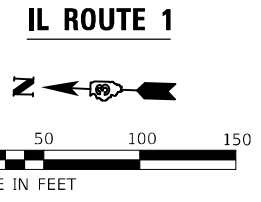
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PLANNED	
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NO.	
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MODEL: Default
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NOTE
RECONSTRUCTION START AND END LIMITS ARE SET AT EXISTING EXPANSION JOINT LOCATIONS AT APPROXIMATELY STA. 80+04 TO STA. 80+86. EXACT LOCATION IS TO BE VERIFIED BY CONTRACTOR.

EX STR SN 038-0028
SINGLE-SPAN, REINFORCED CONCRETE SLAB SUPERSTRUCTURE
STA 80+50.00, SKEW = 45°
37'-0" ROADWAY, 40'-4" O-O DECK



<p>ENGINEERING RESOURCE ASSOCIATES</p>	USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">PLAN & PROFILE IL ROUTE 1 OVER GAY CREEK</p> <p>SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. 76+00 TO STA. 86+00</p>	F.A.P. RTE. = 332A	SECTION = (178)E5	COUNTY = IROQUOIS	TOTAL SHEETS = 48	SHEET NO. = 16
	PLOT SCALE = 100,0001' / in.	CHECKED - M. LANGE	REVISED -		CONTRACT NO. 66F01	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 9/29/2021	DATE = 08.13.2021	REVISED -						

MAINTENANCE OF TRAFFIC GENERAL NOTES

- 1 TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, THESE NOTES, AND APPLICABLE SPECIAL PROVISIONS.
- 2 THE TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
- 3 TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS SHALL BE REQUIRED ALONG TEMPORARY ROADS, DETOURS, AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE IN ACCORDANCE WITH LIGHTS ON BARRICADES BDE SPECIAL PROVISION. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 100 FEET CENTER TO CENTER.
- 4 ANY DROP OFF GREATER THAN THREE (3) INCHES WITHIN SIXTEEN (16) FEET OF A TRAVEL LANE SHALL BE PROTECTED BY TYPE I OR TYPE II BARRICADES, DRUMS OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING. IF THE DROP OFF IS GREATER THAN TWENTY-FOUR (24) INCHES AN EXISTING FOR LONGER THAN 24 HOURS, IT SHALL BE PROTECTED BY TEMPORARY CONCRETE BARRIER. TEMPORARY CONCRETE BARRIER SHALL HAVE MONODIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING. THE CONTRACTOR SHALL SCHEDULE HIS WORK AND OPERATIONS SUCH THAT A DROP OFF OF GREATER THAN 24 INCHES DOES NOT REMAIN WITHIN SIXTEEN FEET OF A TRAVEL LANE FOR MORE THAN 24 HOURS. THE CONTRACTOR MAY PLACE COMPACTED EXCAVATED MATERIAL, AGGREGATE, OR OTHER MATERIAL IN THE DROP OFF TO SATISFY THIS REQUIREMENT. THE PLANS INDICATE AREAS (IF ANY) IN WHICH THE DEPARTMENT EXPECTS THAT TEMPORARY CONCRETE BARRIER WILL BE REQUIRED FOR A DROP OFF OF GREATER THAN 24 INCHES TO REMAIN FOR MORE THAN 24 HOURS.
- 5 BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
- 6 TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR IDOT.
- 7 TYPE I, II AND / OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.
- 8 WHERE REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION.
- 9 TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE I.D.O.T. DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.
- 10 THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- 11 ALL CONSTRUCTION SIGNS SHALL HAVE FLOURESCENT ORANGE BACKGROUNDS.
- 12 ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
- 13 BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. SPACING SHALL BE AS SHOWN ON THE CONSTRUCTION STAGING PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 14 DRUMS AND BARRICADES SHALL MEET THE REQUIREMENTS OF THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 AND THE SUPPLEMENTAL SPECIAL PROVISION WORK ZONE TRAFFIC CONTROL DEVICES.

- 15 THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
- 16 THE FIRST WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.
- 17 ARROWS ON THE BACKSIDE OF THE DIRECTIONAL INDICATOR BARRICADES ARE TO BE REMOVED OR COVERED AS NOT TO BE VISIBLE FOR OPPOSING TRAFFIC.
- 18 FRESH OIL SIGNS (W21-2-4848) WITH DATE SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO PRIMING.
- 19 WORKERS SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT. THE CONTRACTOR SHALL ERECT TEMPORARY STREET NAME SIGNS ON METAL POSTS THROUGHOUT CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM TRAFFIC CONTROL AND PROTECTION. (SPECIAL).
- 20 THE SUGGESTED SEQUENCE OF OPERATIONS AND SUMMARY FOR CONSTRUCTION STAGING DOES NOT, NOR IS INTENDED TO, DEPICT ALL THE WORK THAT WILL BE REQUIRED BY THE CONTRACTOR FOR STAGING OPERATIONS DURING THE CONTRACT. THE SEQUENCE OF OPERATIONS IS GIVEN AS AN AIDE AND GUIDE FOR THE CONTRACTOR'S USE TO ESTABLISH THE NECESSARY GUIDELINES FOR EFFICIENT TRAFFIC OPERATION DURING THE DURATION OF THE CONTRACT.
- 21 THE CONTRACTOR MAY WISH TO MAKE REVISIONS OR MODIFICATIONS TO THE SEQUENCE OF CONSTRUCTION OR THE MAINTENANCE OF TRAFFIC PLANS. ALL CHANGES MUST BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL. REVISIONS TO THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS, REQUESTED BY THE CONTRACTOR, MAY REQUIRE TRAFFIC CONTROL TO BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND/OR DESIGNS OTHER THAN THOSE INCLUDED IN THE PLANS. REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS REQUESTED BY THE CONTRACTOR REQUIRING ADDITIONAL SIGNS, FLAGGERS, BARRICADES OR OTHER TRAFFIC CONTROL DEVICES OVER AND ABOVE THOSE SPECIFIED WILL BE AT THE CONTRACTOR'S EXPENSE.

ACCESS MAINTENANCE NOTES

- 1 MAINTAINING ACCESS TO DRIVEWAYS IS OF THE UTMOST IMPORTANCE TO IDOT. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUB-STAGING THE CONSTRUCTION OF DRIVEWAYS. THE CONTRACTOR SHALL FOLLOW THESE PROCEDURES TO ENSURE PROPER DRIVEWAY ACCESS WHEN DIRECTED BY THE ENGINEER.
- 2 THE CONTRACTOR SHALL WORK WITH ADJACENT BUSINESS OWNERS/ RESIDENTS TO DETERMINE DRIVEWAY RECONSTRUCTION SCHEDULING. ALL DRIVEWAY CLOSURES SHALL BE APPROVED BY THE ENGINEER.
- 3 A 24-IN PVC DRAIN SHALL BE PLACED UNDER TEMPORARY DRIVES TO PROVIDE POSITIVE DRAINAGE WHEN THE ROADWAY IS EXCAVATED.

PRE-STAGE CONSTRUCTION ACTIVITIES

ENSURE ALL EROSION CONTROL MEASURES ARE IN PLACE BEFORE ANY EARTH DISTURBANCE.

PLACE TEMPORARY PAVEMENT ON EAST SIDE OF ROADWAY AS INDICATED ON THE PLANS. USE IDOT HIGHWAY STANDARD 701101-05 FOR TEMPORARY PAVEMENT INSTALLATION.

INSTALL TEMPORARY TRAFFIC SIGNAL SYSTEM.

STAGE 1 CONSTRUCTION ACTIVITIES

PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKING, TEMPORARY SIGNALS, AND BARRICADES. SHIFT TRAFFIC AS INDICATED ON THE PLANS AND IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701321-18.

REMOVE WEST HALF OF BRIDGE STRUCTURE, WHILE MAINTAINING DRAINAGE THROUGHOUT CONSTRUCTION PERIOD, ENTRANCES AND OTHER ITEMS WITHIN THE PROPOSED STAGE CONSTRUCTION LIMITS.

CONSTRUCT THE WEST PORTION OF THE PROPOSED CULVERT STRUCTURES

CONSTRUCT THE PROPOSED PAVEMENT, SHOULDERS, AND GUARDRAIL WITHIN THE PROPOSED CONSTRUCTION WORK ZONE LIMITS.

REPOSITION TEMPORARY LANE CONFIGURATIONS FOR STAGE 2 CONSTRUCTION.

STAGE 2 CONSTRUCTION ACTIVITIES

PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKING, TEMPORARY SIGNALS, AND BARRICADES. SHIFT TRAFFIC AS INDICATED ON THE PLANS AND IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701321-18.

REMOVE EAST HALF OF BRIDGE STRUCTURE, WHILE MAINTAINING DRAINAGE THROUGHOUT CONSTRUCTION PERIOD, ENTRANCES AND OTHER ITEMS WITHIN THE PROPOSED STAGE CONSTRUCTION LIMITS.

CONSTRUCT THE EAST PORTION OF THE PROPOSED CULVERT STRUCTURES

CONSTRUCT THE PROPOSED PAVEMENT, SHOULDERS, ENTRANCES, AND GUARDRAIL WITHIN THE PROPOSED CONSTRUCTION WORK ZONE LIMITS.

STAGE 3 CONSTRUCTION ACTIVITIES

UTILIZING IDOT HIGHWAY STANDARD 701201-05, MILL AND REPLACE THE EXISTING HMA PAVEMENT AND SHOULDERS AS INDICATED ON THE PROPOSED PLAN. THEN PLACE 3' AGGREGATE WEDGE.

INSTALL PROPOSED SIGNAGE.

COMPLETE FINAL LANDSCAPING.

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USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -
	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - M. LANGE	REVISED -
PLOT DATE = 9/29/2021	DATE - 08.13.2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




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		332A	(17RB)BR	IROQUOIS	48	17
		CONTRACT NO. 66F01				
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.			

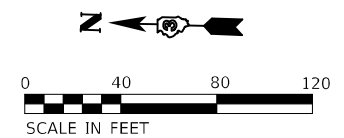
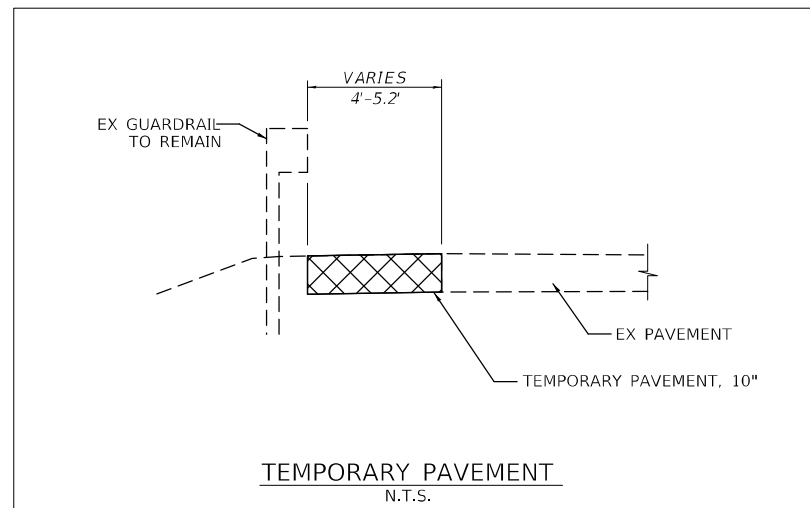
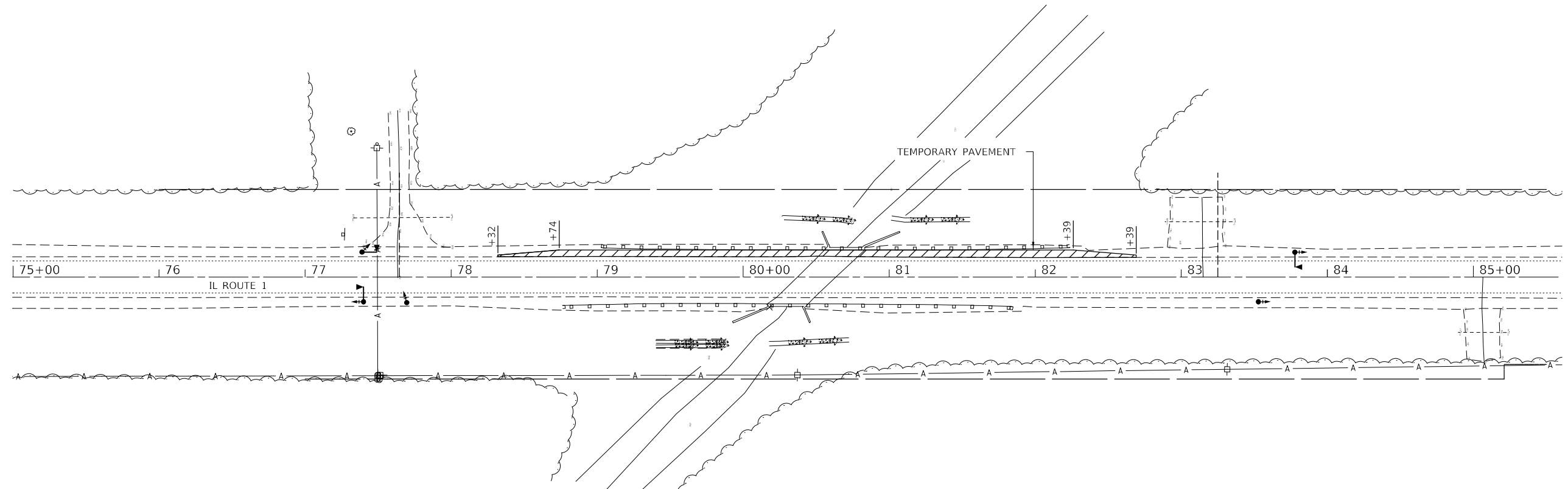
ILLINOIS	FED. AID PROJECT
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NOTES:

1. CONSTRUCTION OF TEMPORARY PAVEMENT SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701101-05.
2. TEMPORARY PAVEMENT SHALL BE INSTALLED PRIOR TO STAGE 1 BEGINS.
3. INSTALL TEMPORARY TRAFFIC SIGNALS PRIOR TO STAGE 1 BEGINS.

TEMPORARY PAVEMENT MARKING LEGEND

-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC SIGNAL W/ BACKPLATE
-  TEMPORARY TRAFFIC SIGNAL W/ BACKPLATE AND MICROWAVE DETECTOR



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USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -
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	DATE - 08.13.2021	REVISED -

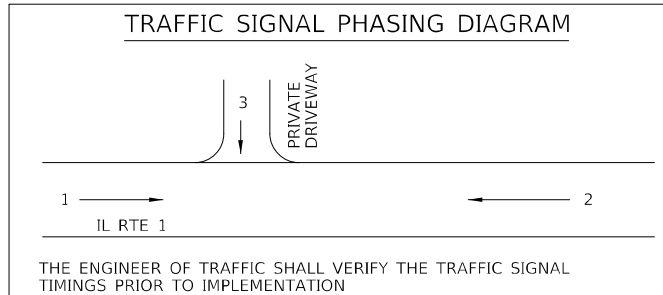
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - PRE-STAGE IL 1 OVER GAY CREEK			
SCALE: 1" = 40'	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	18
CONTRACT NO. 66F01			ILLINOIS FED. AID PROJECT	

NOTES:

1. MAINTENANCE OF TRAFFIC STAGING SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701321-18.
2. TEMPORARY CONCRETE BARRIER TAPER RATE SHALL BE 1:12. ALL TEMPORARY CONCRETE BARRIER SHALL BE PINNED.
3. TRAFFIC SIGNAL SEQUENCE SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701321-18.
4. VERTICAL PANELS SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701321-18. MICROWAVE DETECTORS SHALL BE USED IN PLACE OF DETECTOR LOOPS PER SPECIAL PROVISIONS.
5. PRIVATE ENTRANCE AT STA. 77+65 SHALL HAVE TWO SIGNAL HEADS. "STOP HERE ON RED" AND "NO TURN ON RED" SIGNALS ARE REQUIRED FOR THIS APPROACH.

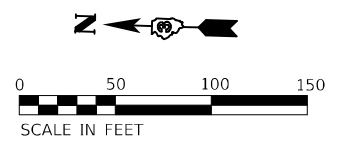
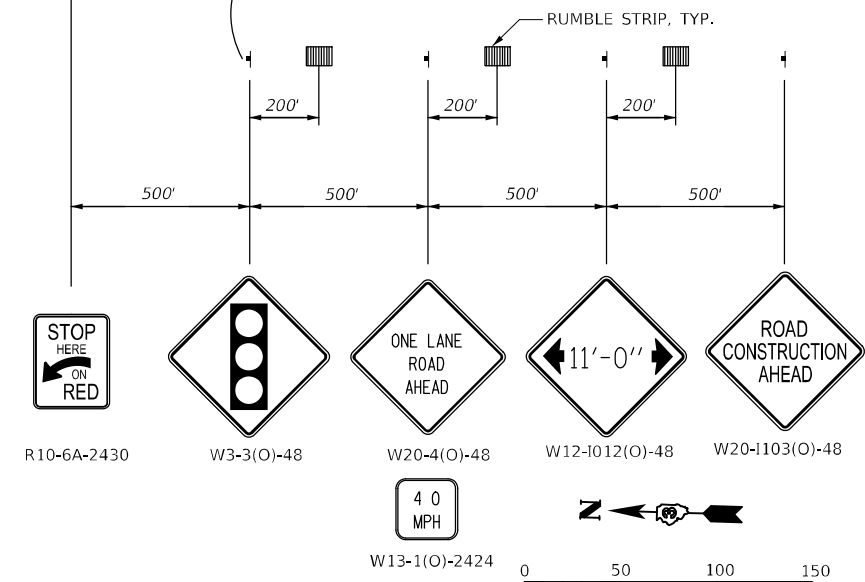
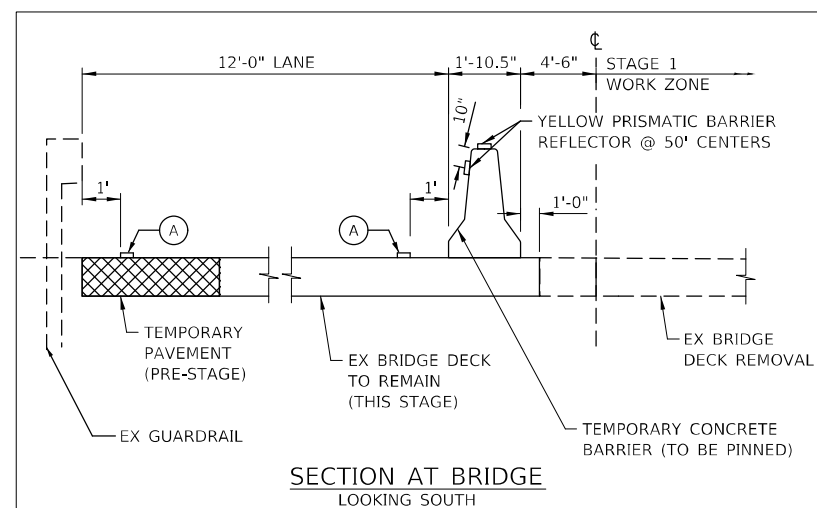
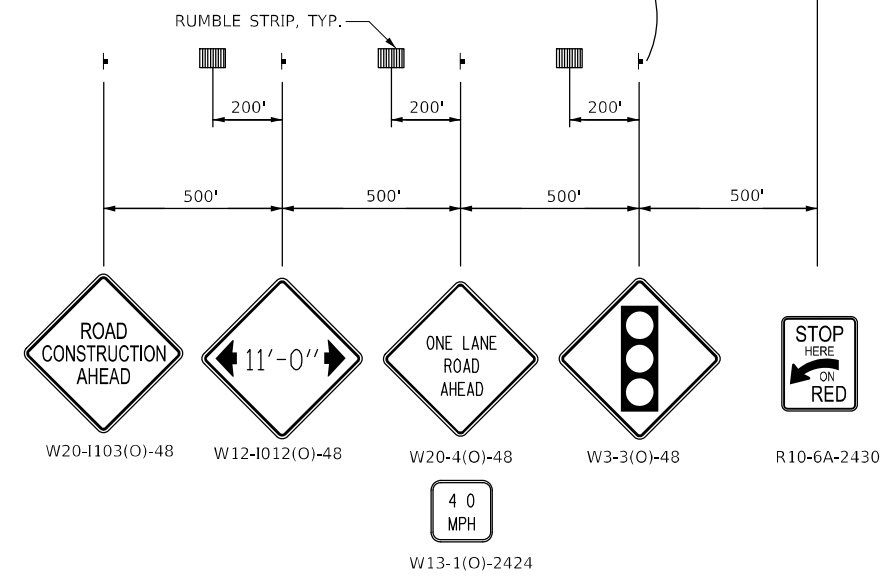
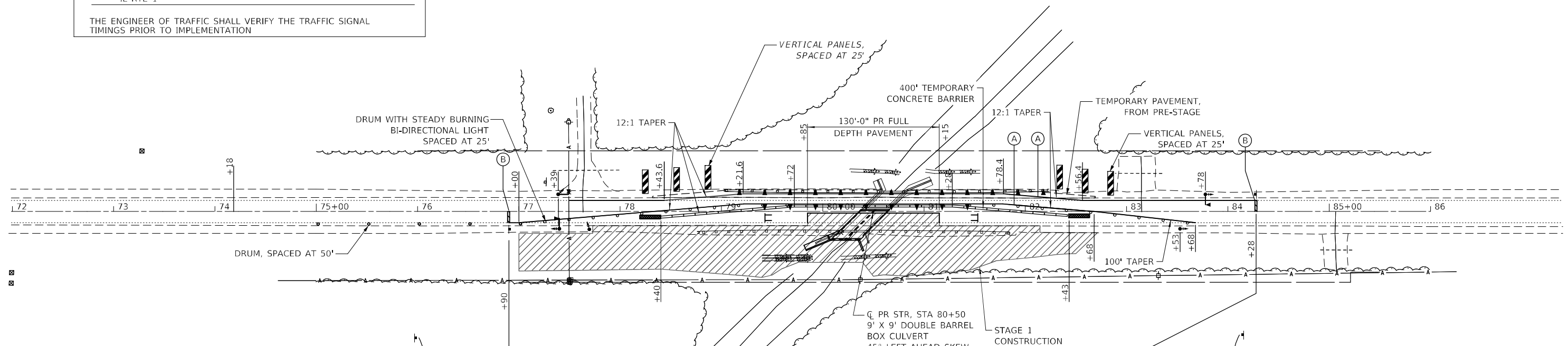


TEMPORARY PAVEMENT MARKING LEGEND

- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 24" (SOLID WHITE)

TEMPORARY PAVEMENT MARKING LEGEND

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHT
- TEMPORARY TRAFFIC SIGNAL W/ BACKPLATE
- TEMPORARY TRAFFIC SIGNAL W/ BACKPLATE AND MICROWAVE DETECTOR
- IMPACT ATTENUATORS
- CRYSTAL, BI-DIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
- DOUBLE SIDED VERTICAL PANELS



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USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -
DRAWN - K. KOLODZIEJCZYK	CHECKED - M. LANGE	REVISED -
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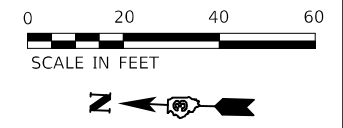
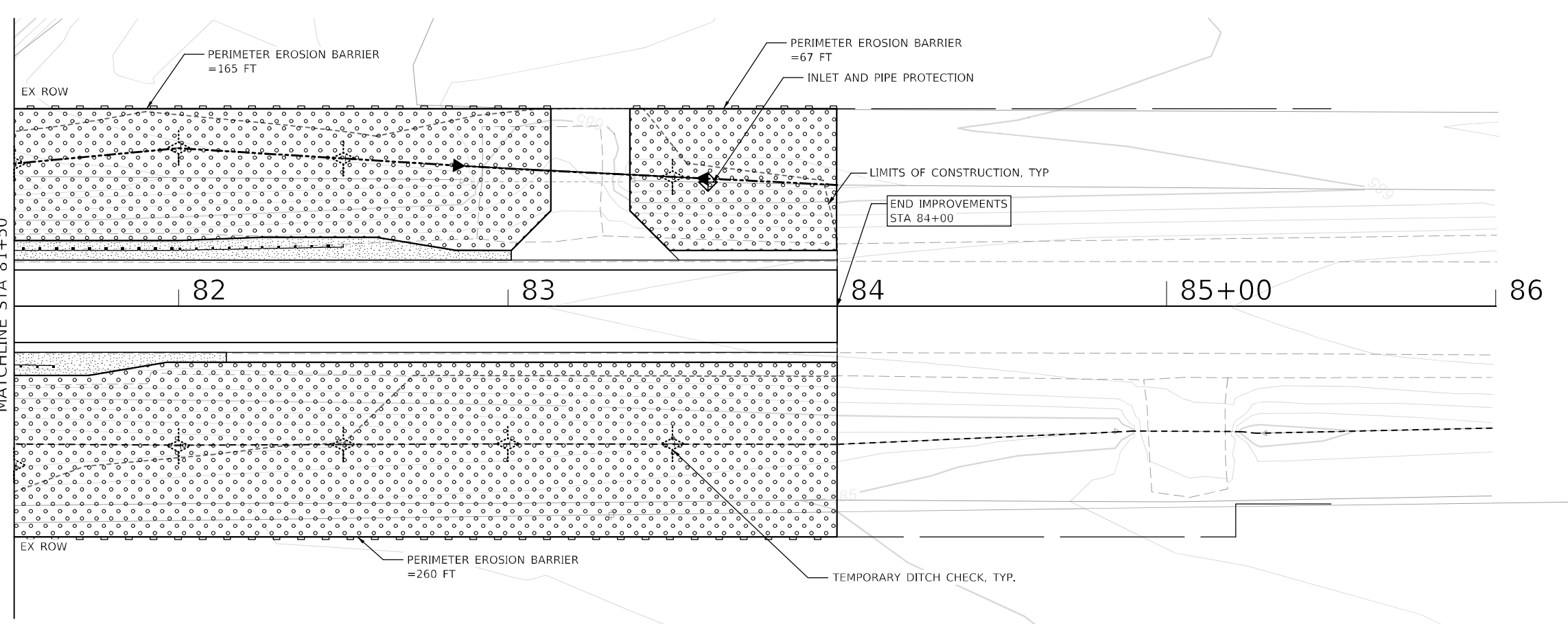
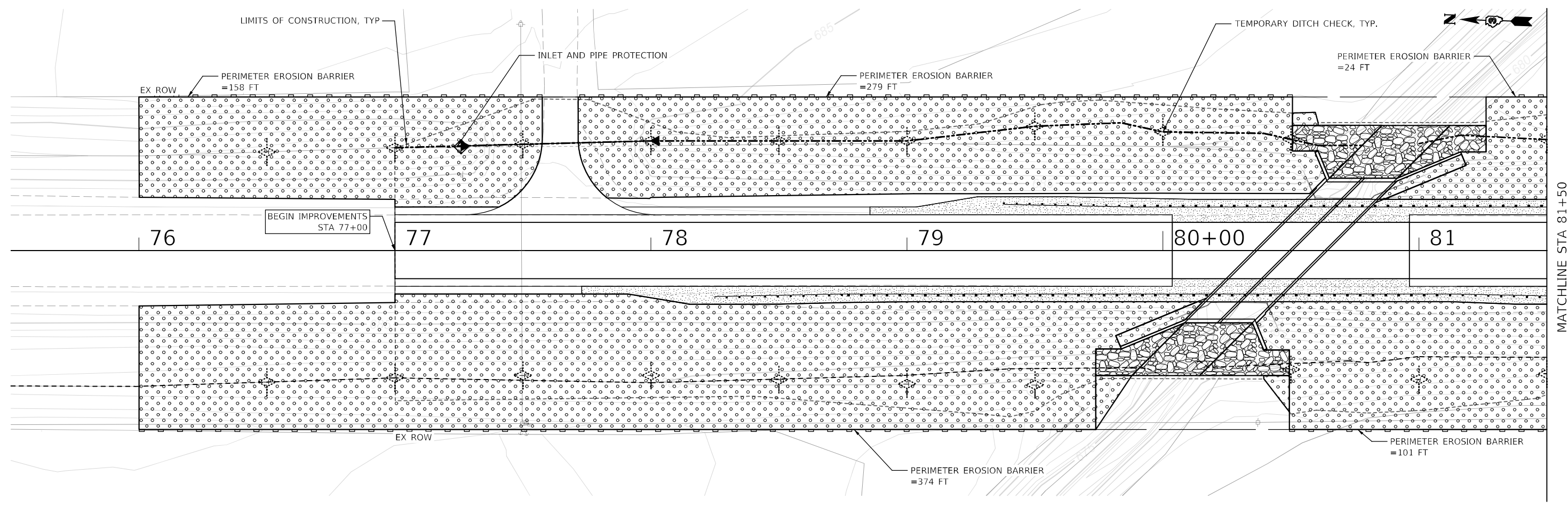
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 1
IL 1 OVER GAY CREEK**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	19
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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LEGEND

	SEEDING, CLASS 2A
	TOP SOIL EXCAVATION & PLACEMENT, 4" (PER GRADING LIMITS)
	FERTILIZER
	TEMPORARY EROSION CONTROL SEEDING
	EROSION CONTROL BLANKET
	STONE RIPRAP, CLASS A4
	FILTER FABRIC (SEE STRUCTURAL PLANS)
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION



USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -
PLOT SCALE = 40.0000 * / in.	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT DATE = 9/29/2021	CHECKED - M. LANGE	REVISED -
	DATE - 08.13.2021	REVISED -

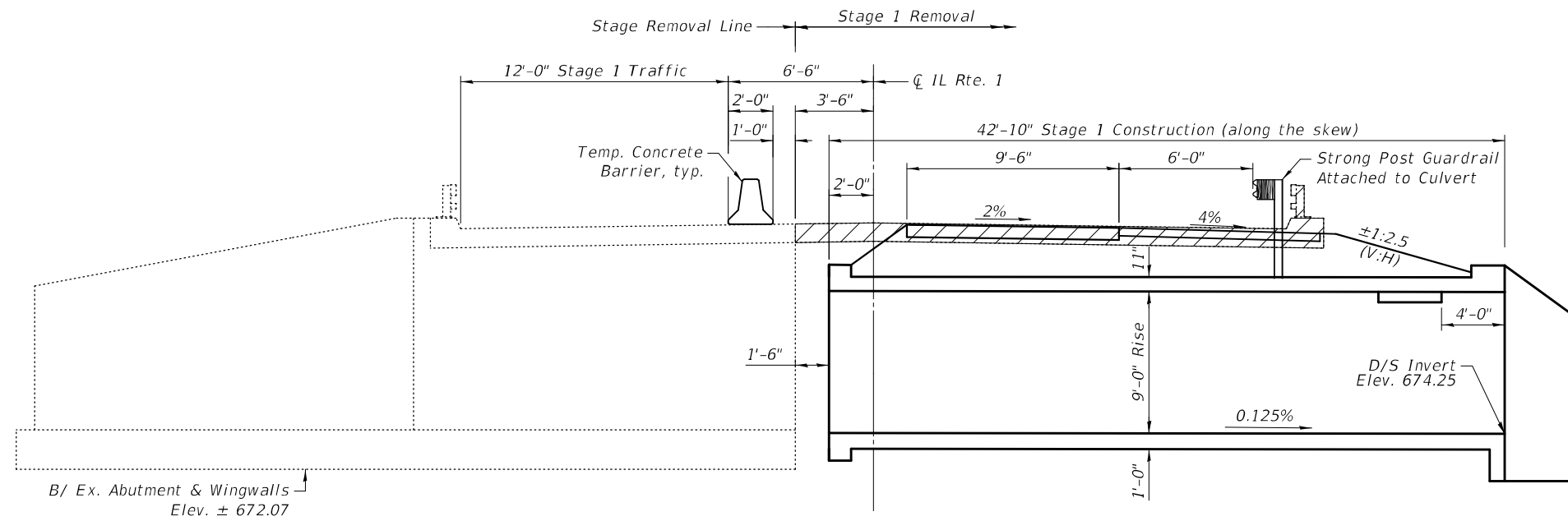
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL & LANDSCAPING PLAN			
IL 1 OVER GAY CREEK			
SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17R)BR	IROQUOIS	48	21
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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MATCHLINE STA 81+50

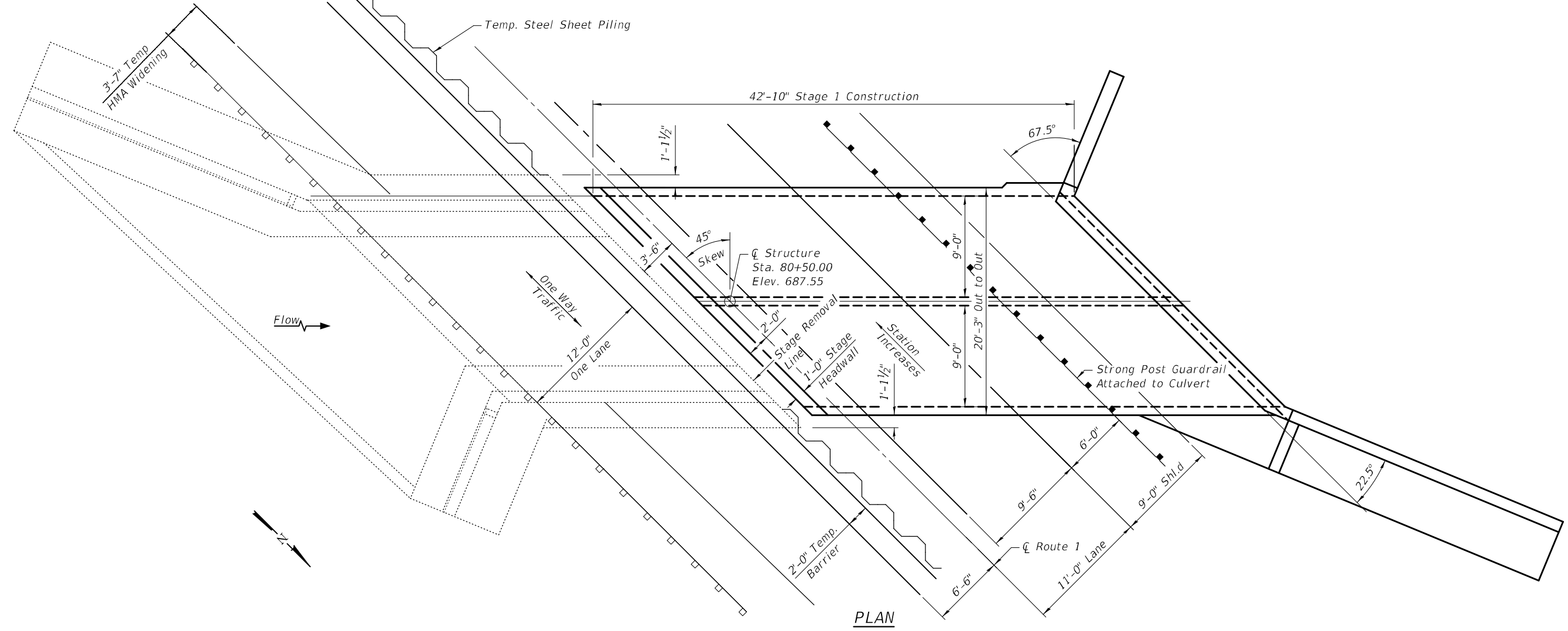


Notes:
 1. See Sheet S6 for details of Temporary Concrete Barrier
 2. See Roadway Plans for quantity of Temporary Concrete Barrier.

LEGEND
 Removal of Existing Structures
 (Abutment walls for Stage 1 removal are not shown for clarity)

** See General Notes on Sheet S2 for Removal and Disposal of Unsuitable Materials for Structures

ELEVATION-STAGE 1 CONSTRUCTION
 (Looking South)
 (Horiz. dimensions taken at right angles to CL Roadway)



PLAN

MODEL: Default
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	DATE -	REVISED -

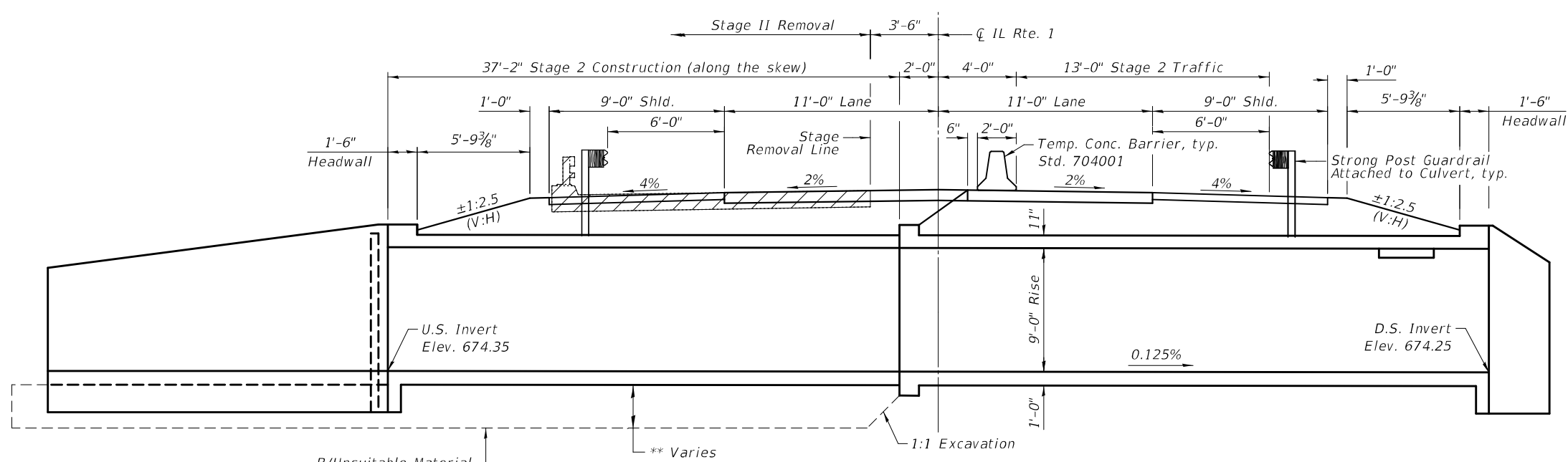
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGE 1 CONSTRUCTION PLAN
 IL 1 OVER GAY CREEK (SN 038-2567)**

SHEET S3 OF S14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	25
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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Notes:
 1. See Sheet S6 for details of Temporary Concrete Barrier
 2. See Roadway Plans for quantity of Temporary Concrete Barrier.

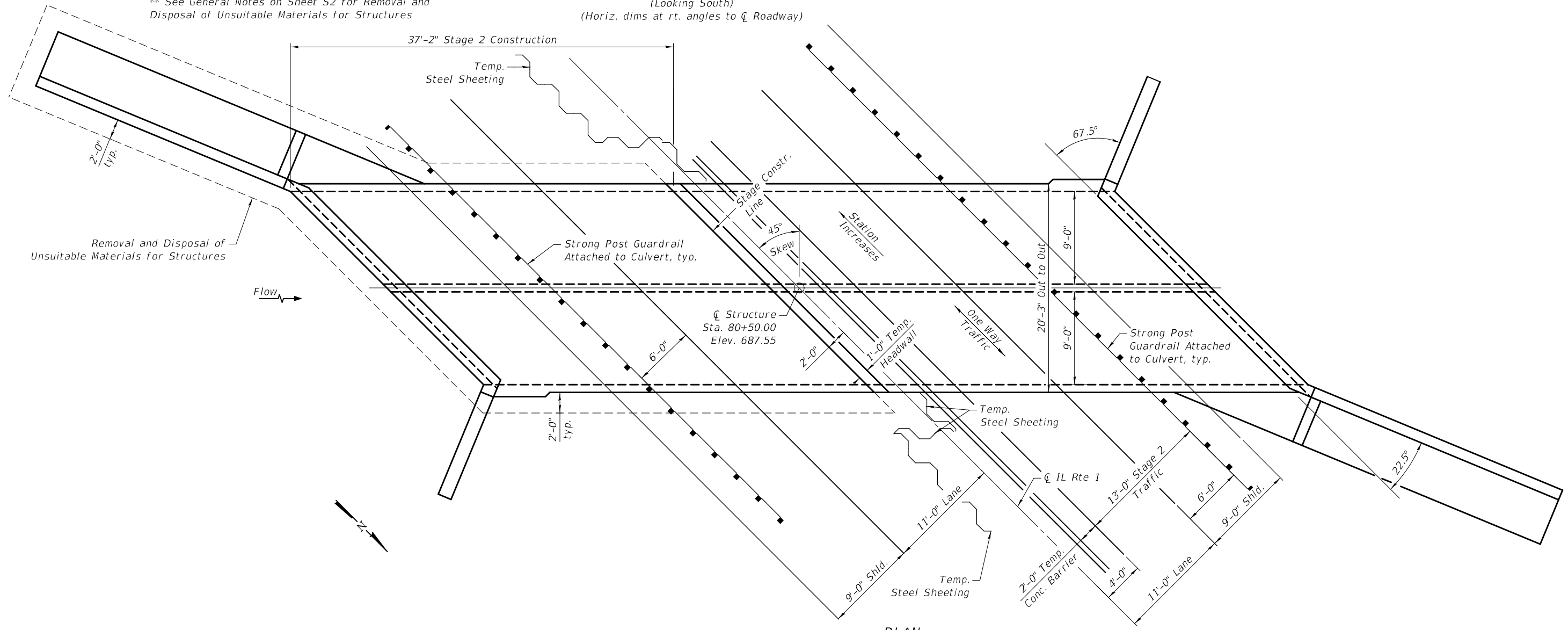
LEGEND

Removal of Existing Structures (Abutment walls for Stage II removal are not shown for clarity)

STAGE 2 - CONSTRUCTION

(Looking South)
 (Horiz. dims at rt. angles to CL Roadway)

** See General Notes on Sheet S2 for Removal and Disposal of Unsuitable Materials for Structures



PLAN



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	DATE -	REVISED -

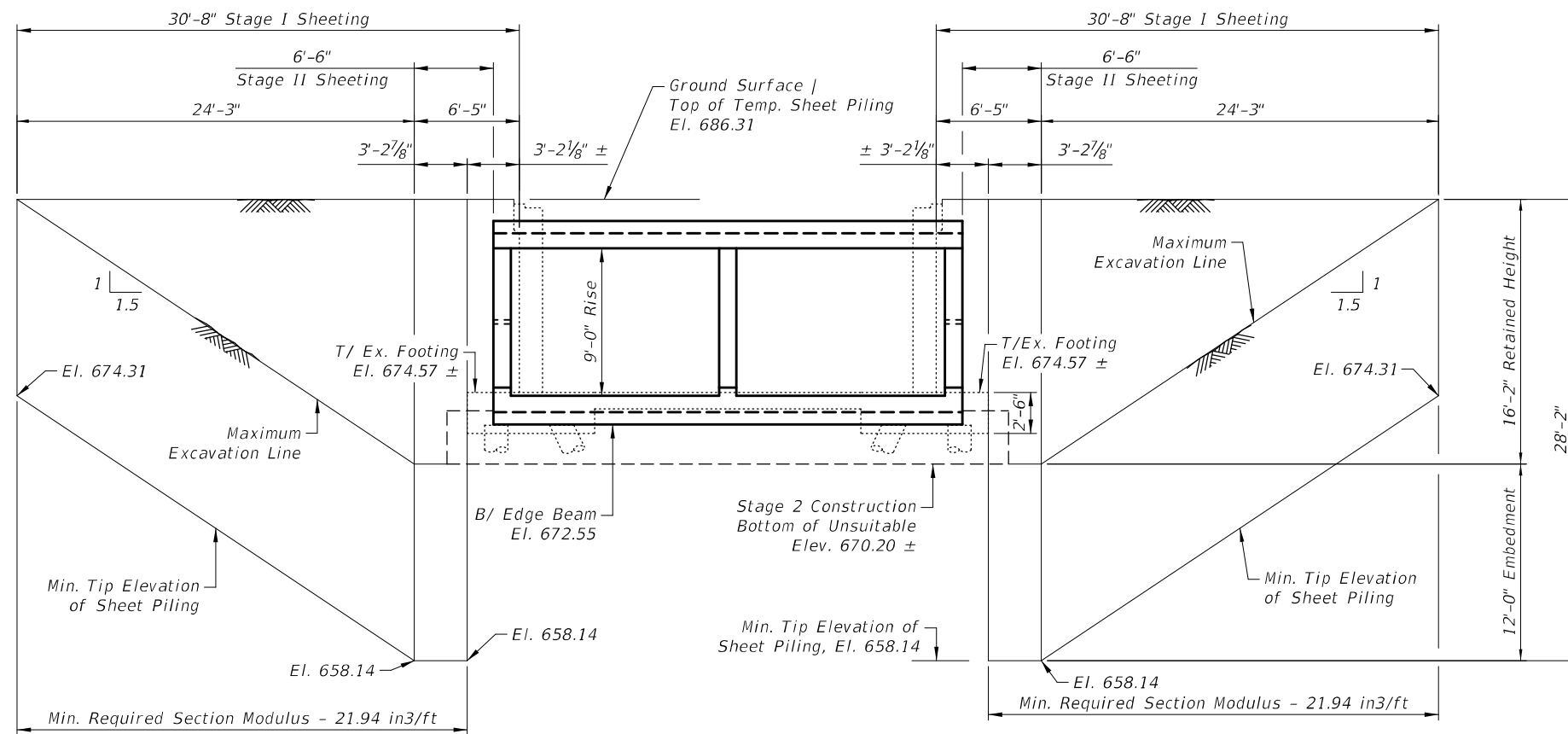
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGE 2 CONSTRUCTION PLAN
 IL 1 OVER GAY CREEK (SN 038-2567)**

SHEET S4 OF S14 SHEETS

F.A.P. RTE. 332A	SECTION (17RB)BR	COUNTY IROQUOIS	TOTAL SHEETS 48	SHEET NO. 26
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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SOUTH

NORTH

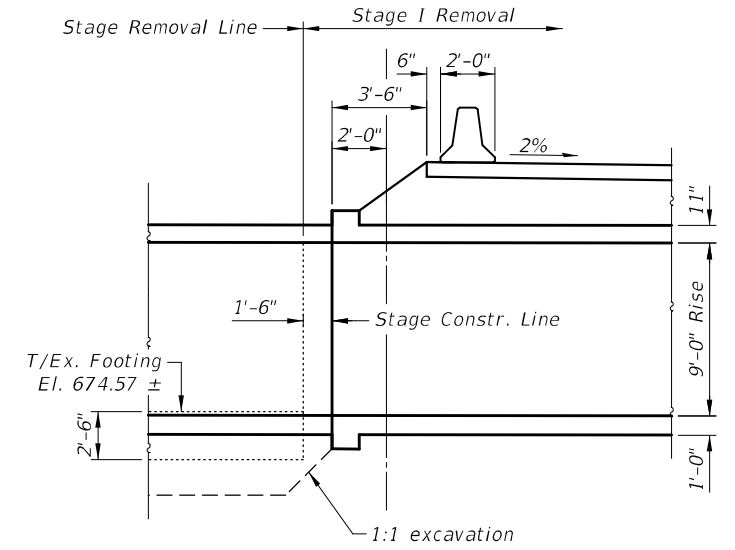
TEMPORARY SHEET PILING FOR CONSTRUCTION

Temporary sheet piling was designed using Soil Boring #2
 Dimensions are taken parallel to the roadway centerline

GENERAL NOTES

If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

The Contractor shall connect the first sheet to the existing abutment wall to ensure stability of sheets driven to the top of the existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for Temporary Sheet Piling.



ELEVATION - CIP STAGE CONCRETE HEADWALL

BILL OF MATERIAL

Item	Unit	Quantity
Temporary Sheet Piling	Sq. Ft.	1,600



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	DATE -	REVISED -

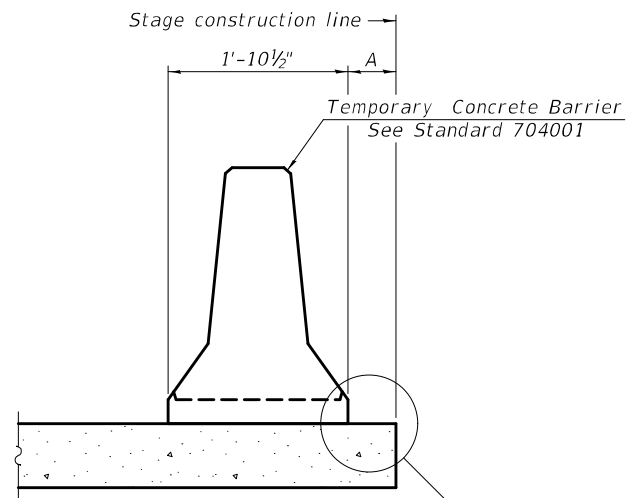
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**STAGE CONSTRUCTION DETAILS
 IL 1 OVER GAY CREEK (SN 038-2567)**

SHEET 55 OF 514 SHEETS

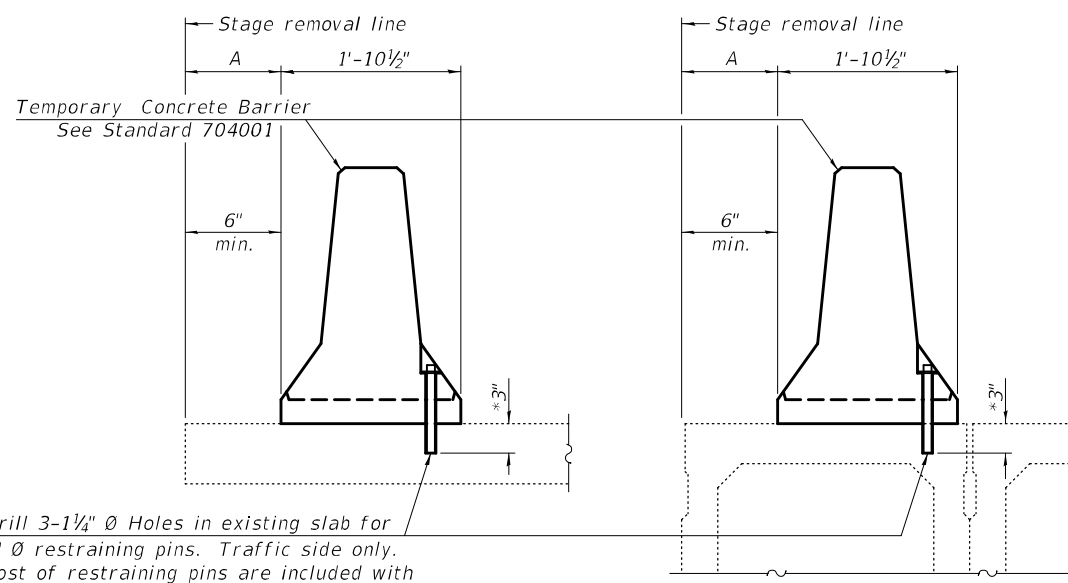
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	27
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM



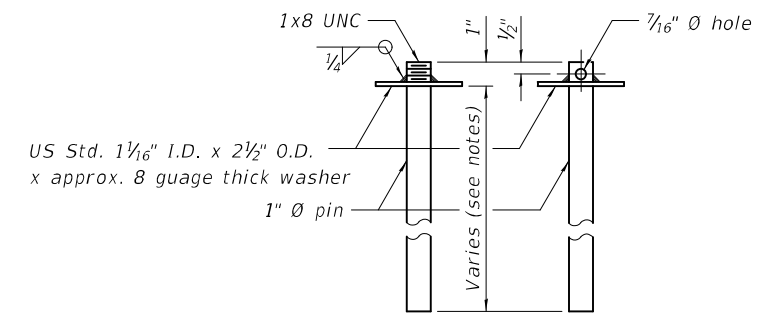
Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

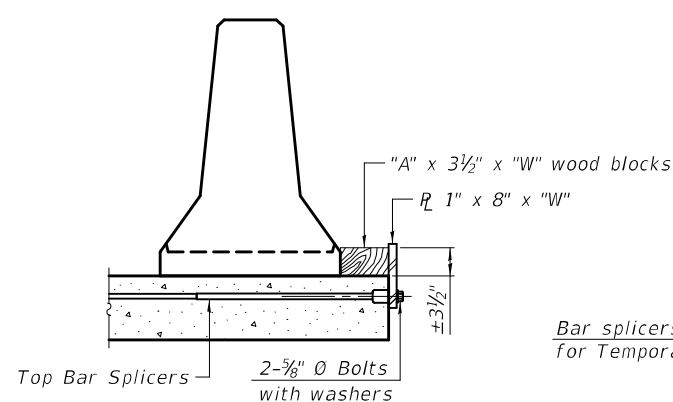
EXISTING DECK BEAM

* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

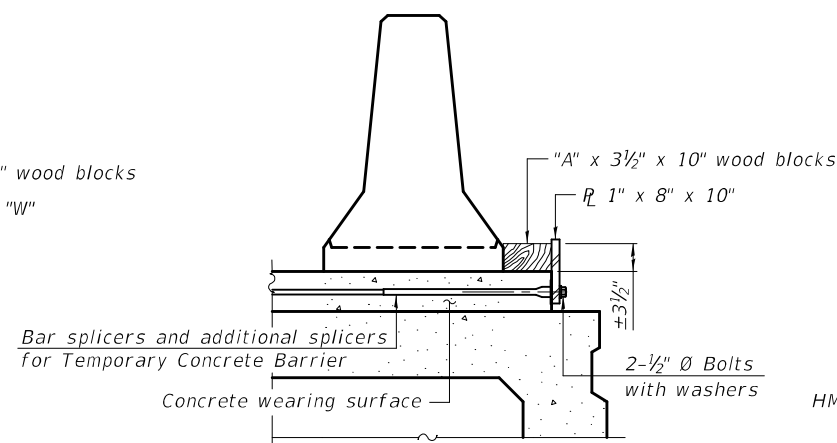
SECTIONS THRU SLAB OR DECK BEAM



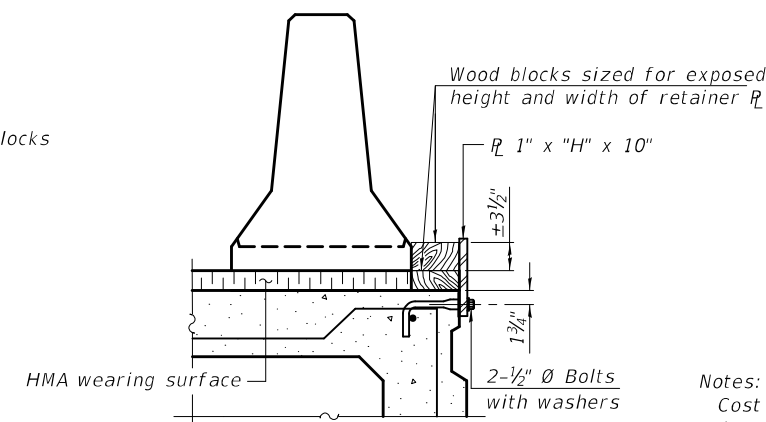
RESTRAINING PIN



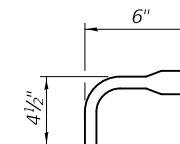
DETAIL I



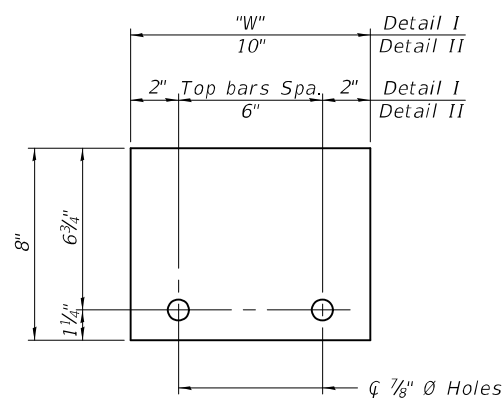
DETAIL II



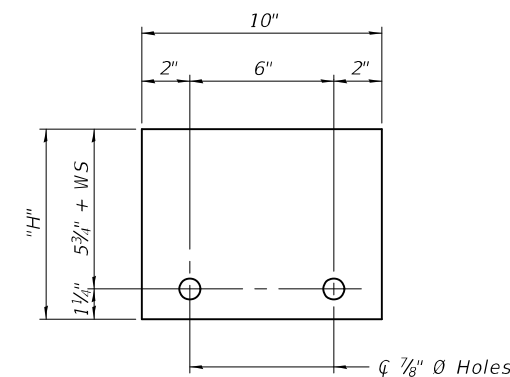
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER 1" x "H" x 10"
(Detail III)

Notes:
 Cost of retainer assembly is included with Temporary Concrete Barrier.
 A retainer assembly shall be located at the approximate center of each temporary concrete barrier.
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
 When the 'A' dimension is less than 1 1/2', the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6' to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.
 Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
 Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

R-27

2-17-2017



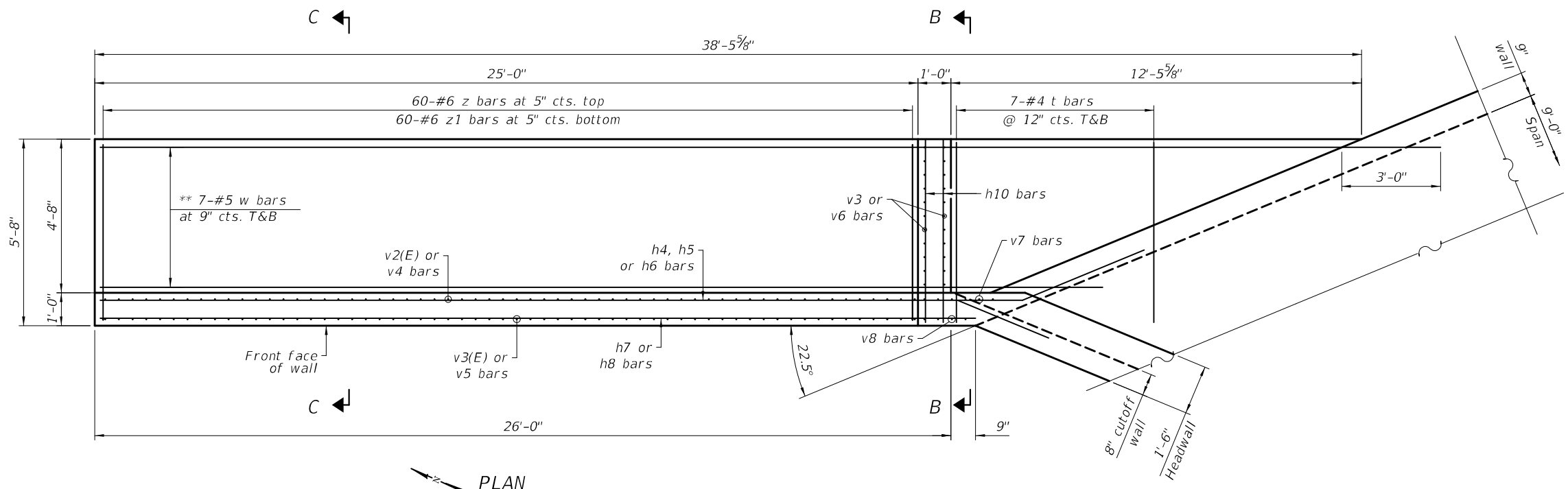
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PLOT SCALE =	DRAWN - K. KOLODZIEJCZYK	REVISED
PLOT DATE = 9/29/2021	CHECKED - M. LANGE	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER FOR STAGED CONSTRUCTION
 IL 1 OVER GAY CREEK (SN 038-2567)

SHEET 56 OF 514 SHEETS

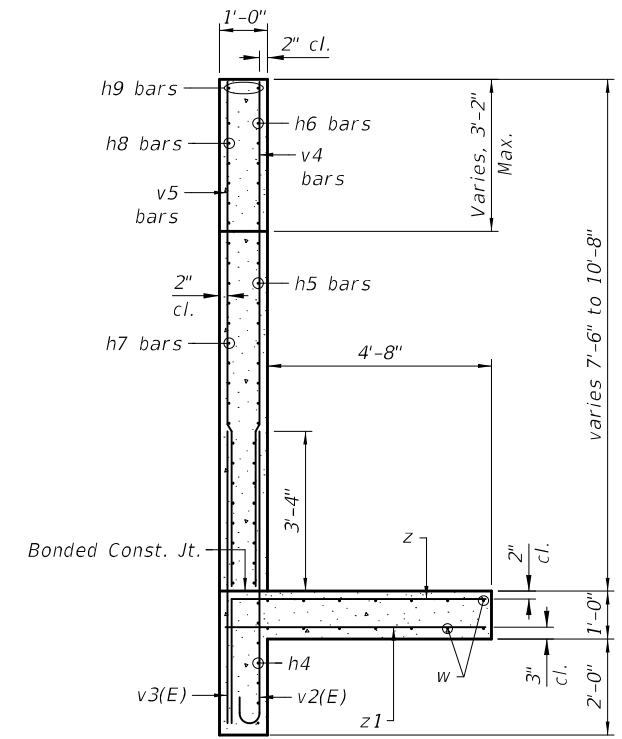
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	28
CONTRACT NO. 66F01			ILLINOIS FED. AID PROJECT	



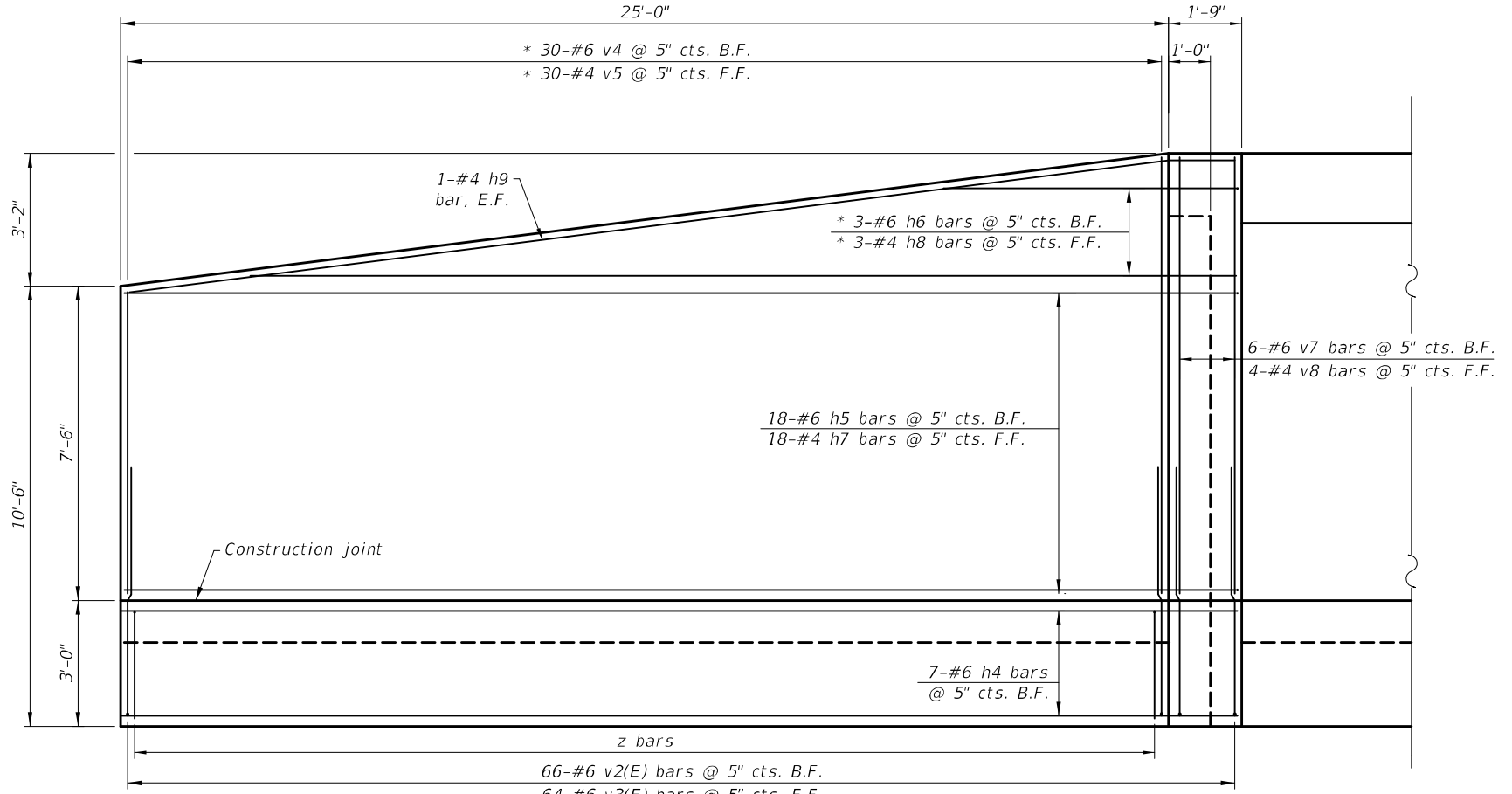
PLAN

(Northwest wingwall shown; Southeast wingwall similar by 180° rotation)

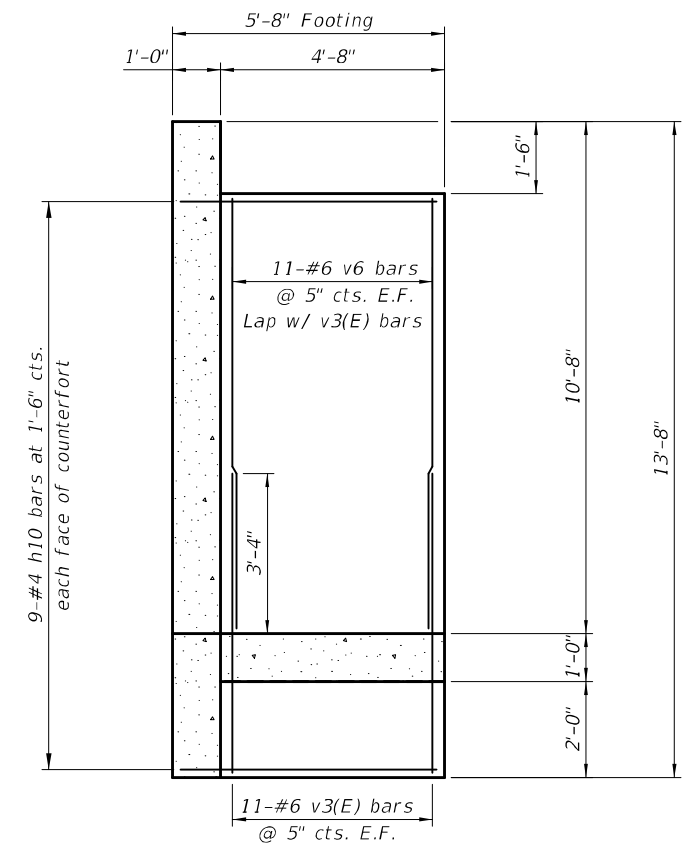
* See Field Cutting Diagram, see sheet S12
 ** Field Cut As Required



SECTION C-C



ELEVATION



SECTION B-B

MODEL: Default
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 9/29/2021 9:09:29 AM



USER NAME = nmikolajczyk	DESIGNED - K. KOLODZIEJCZYK	REVISED -
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	DATE -	REVISED -

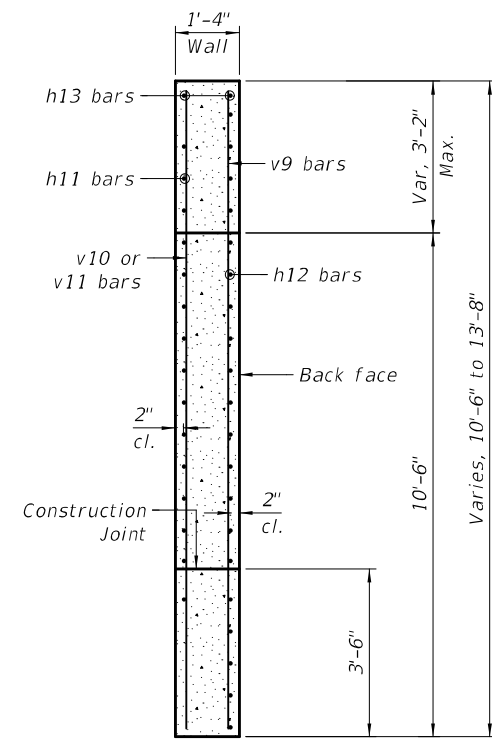
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

L-TYPE TWO-WAY CANTILEVER WINGWALLS
 IL 1 OVER GAY CREEK (SN 038-2567)

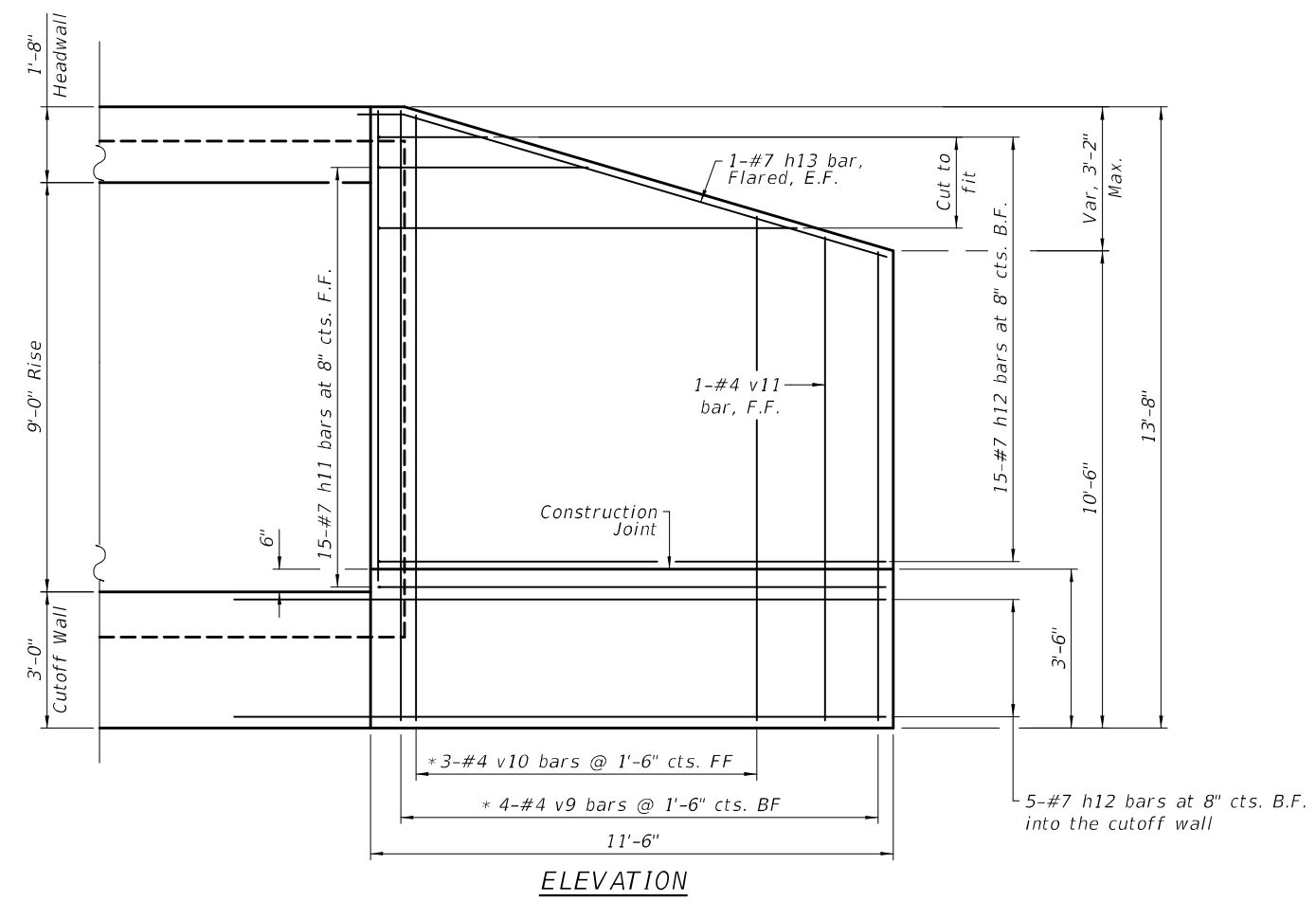
SHEET 510 OF 514 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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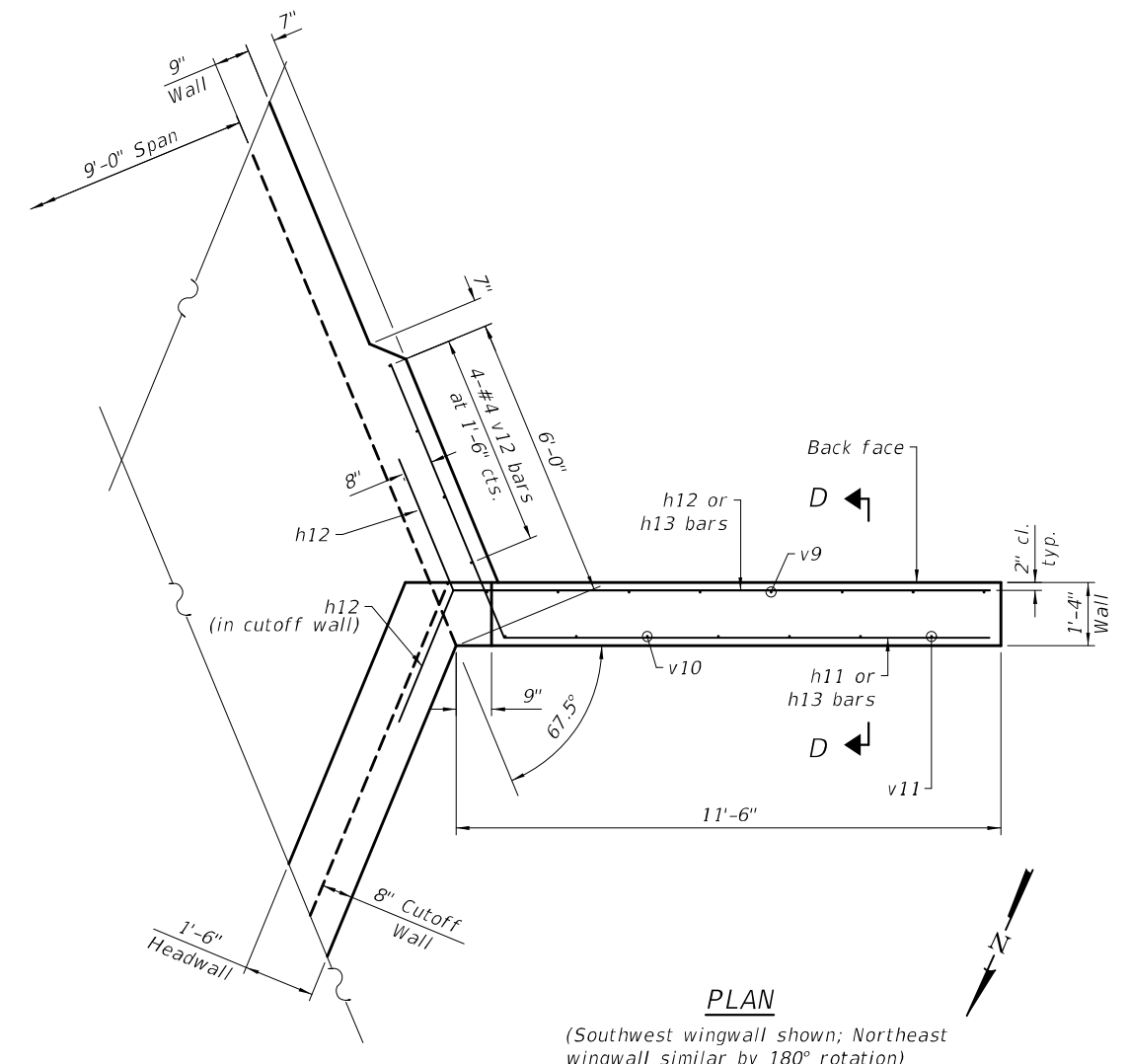


SECTION D-D



ELEVATION

* See Field Cutting Diagram, see Sheet S12



PLAN

(Southwest wingwall shown; Northeast wingwall similar by 180° rotation)



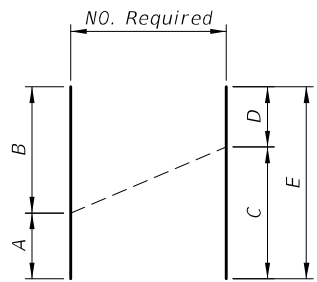
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	DATE -	REVISED -

**STATE OF ILLINOIS
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**HORIZONTAL CANTILEVER WINGWALLS
 IL 1 OVER GAY CREEK (SN 038-2567)**

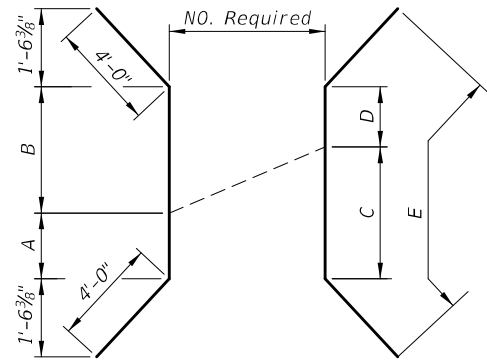
SHEET S11 OF S14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	33
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				



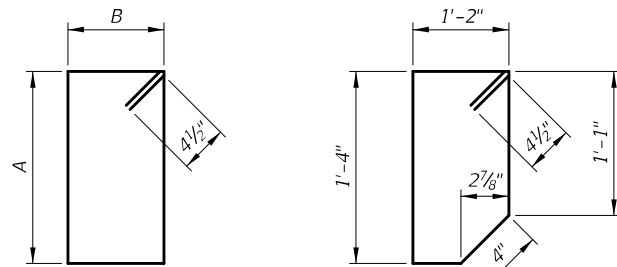
FIELD CUTTING DIAGRAM

Bar	No.	Size	A	B	C	D	E
h8	3	#4	23'-6"	7'-0"	16'-11"	13'-7"	30'-6"
v4	30	#6	7'-2"	10'-4"	8'-9"	8'-9"	17'-6"
v5	30	#4	7'-2"	10'-4"	8'-9"	8'-9"	17'-6"
v9	4	#4	13'-4"	10'-3"	12'-0"	11'-7"	23'-7"
v10	3	#4	13'-4"	11'-1"	12'-5"	12'-0"	24'-5"



FIELD CUTTING DIAGRAM

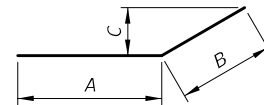
Bar	No.	Size	A	B	C	D	E
h6	3	#6	24'-10"	8'-5"	18'-3"	15'-0"	41'-3"



STIRRUP BARS

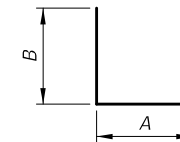
Bar	A	B
s	1'-4"	1'-2"
s2	1'-4"	0'-8"

BAR s1



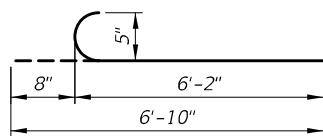
BAR DETAILS

Bar	A	B	C
h4	26'-0"	4'-0"	1'-1 3/4"
h5	28'-0"	4'-0"	1'-6 3/8"
h9	1'-7"	25'-0"	3'-2"
h11	10'-3"	6'-3"	5'-9 3/8"
h12	11'-4"	3'-0"	2'-9 1/4"
h13	1'-0"	11'-1"	3'-1 5/8"

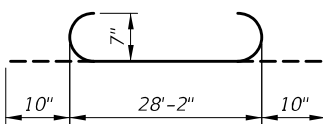


BAR DETAILS

Bar	A	B
d	1'-9"	2'-8"
v1	0'-10"	4'-7"
z	5'-4"	2'-8"



BAR v2(E)



BAR a

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	270	#7	29'-10"	
a1	314	#7	28'-3"	
d	42	#4	4'-5"	
h	120	#5	42'-6"	
h1	120	#5	36'-10"	
h2	12	#7	26'-3"	
h3	20	#6	26'-3"	
h4	14	#6	30'-0"	
h5	36	#6	32'-0"	
h6	8	#6	36'-11"	
h7	36	#4	26'-7"	
h8	6	#4	30'-6"	
h9	4	#4	26'-7"	
h10	36	#4	5'-4"	
h11	30	#7	16'-6"	
h12	40	#7	14'-4"	
h13	4	#7	12'-1"	
h14	6	#5	26'-2"	
s	28	#4	5'-9"	
s1	28	#4	5'-7"	
s2	56	#4	4'-9"	
t	28	#4	5'-4"	
v	474	#5	9'-1"	
v1	474	#5	5'-5"	
v2(E)	132	#6	6'-10"	
v3(E)	172	#6	5'-8"	
v4	60	#6	17'-6"	
v5	60	#4	17'-6"	
v6	44	#6	8'-10"	
v7	12	#6	10'-4"	
v8	8	#4	10'-4"	
v9	8	#4	23'-7"	
v10	6	#4	24'-5"	
v11	2	#4	10'-7"	
v12	8	#4	10'-6"	
w	28	#5	40'-8"	
z	120	#6	8'-0"	
z1	120	#6	5'-4"	
			Unit	Quantity
Reinforcement Bars			Pound	67,080
Reinforcement Bars, Epoxy Coated			Pound	2,820
Concrete Box Culverts			Cu. Yd.	240.4

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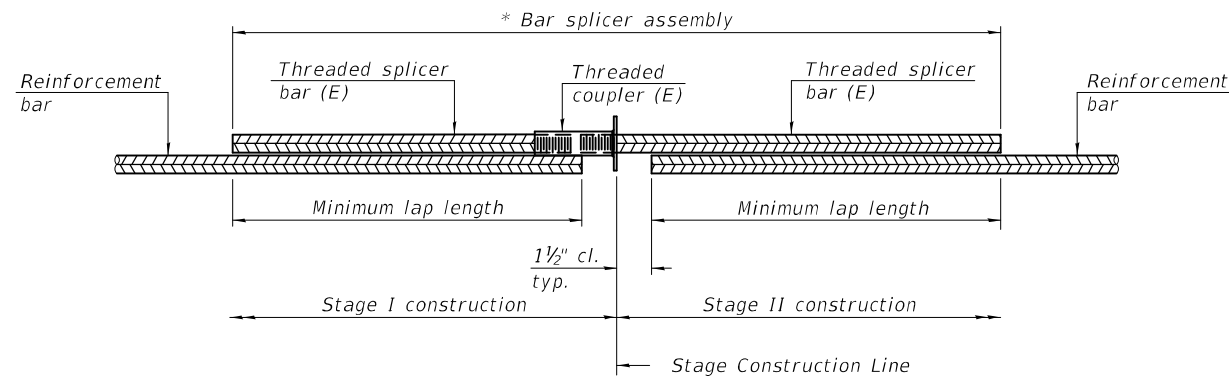
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PLOT DATE = 9/29/2021	CHECKED - M. LANGE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS - REINFORCEMENT
 IL 1 OVER GAY CREEK (SN 038-2567)**

SHEET S12 OF S14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	34
CONTRACT NO. 66F01			ILLINOIS FED. AID PROJECT	

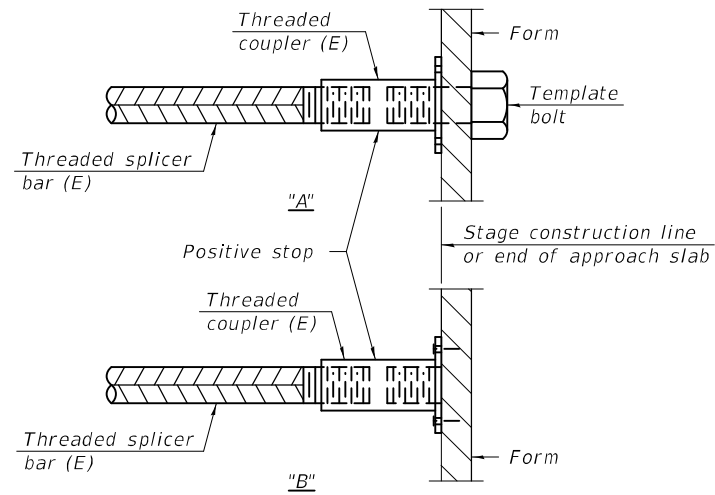


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

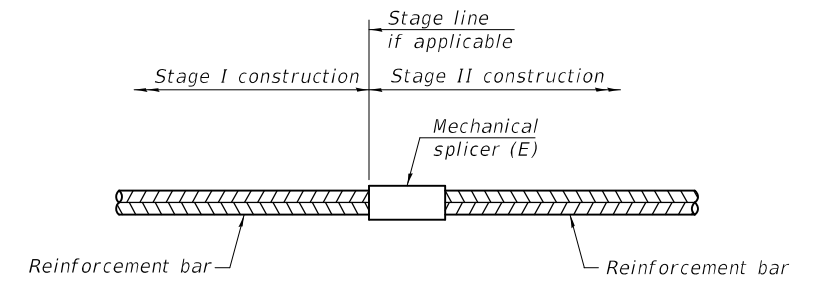
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. Assemblies Required	Minimum lap length
Top Slab	#5	42	3'-2"
Walls	#5	36	3'-7"
Bottom Slab	#5	42	3'-2"



INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:
 Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

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BSD-1

1-1-2020



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PLOT DATE = 9/29/2021	CHECKED - M. LANGE	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
 IL 1 OVER GAY CREEK (SN 038-2567)**

SHEET 513 OF 514 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	35
ILLINOIS			FED. AID PROJECT	

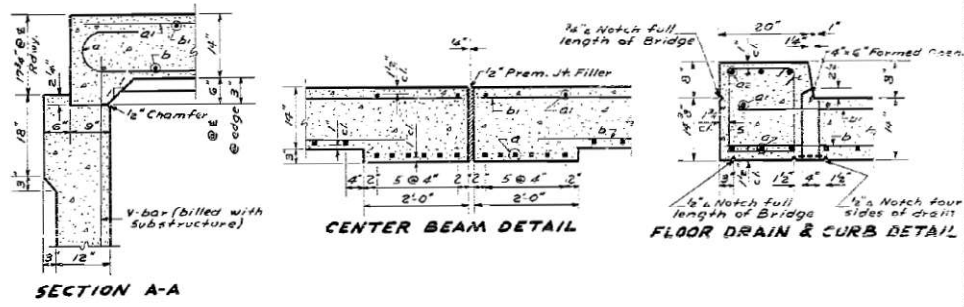
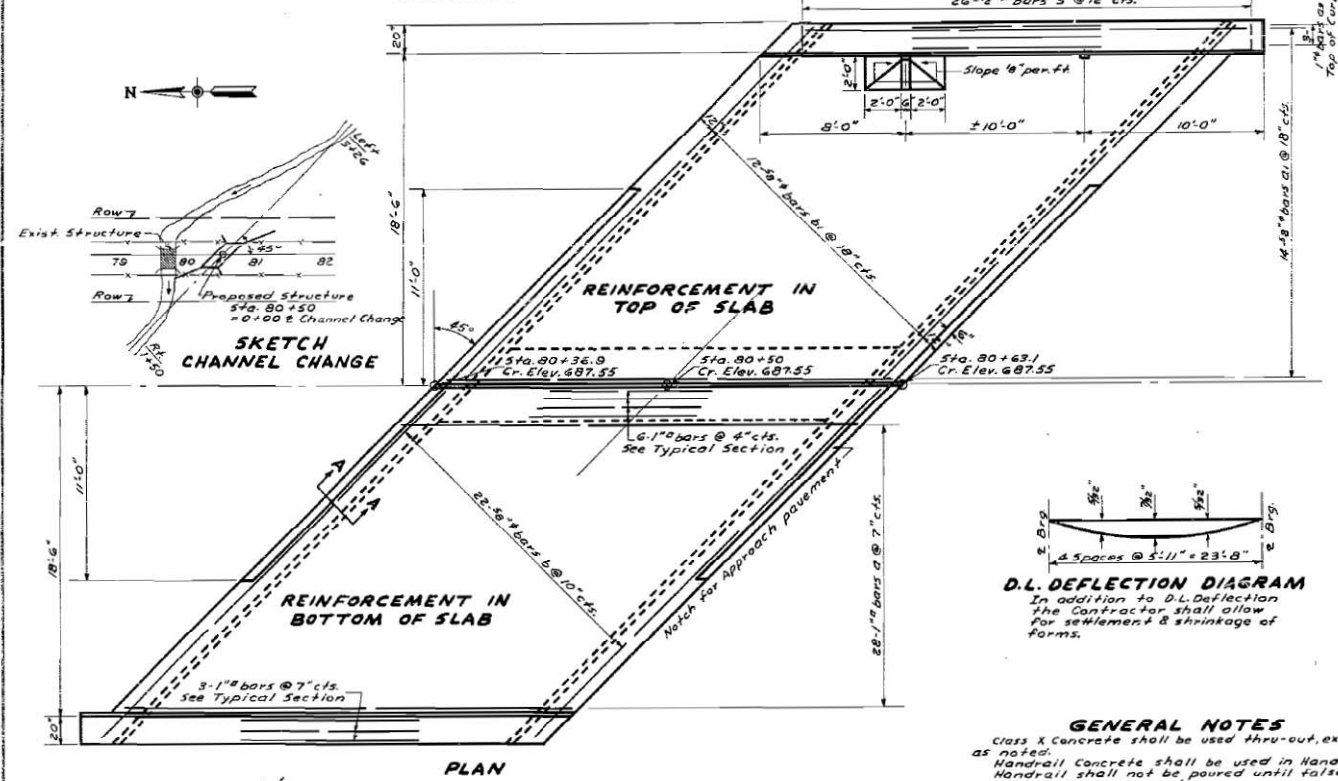
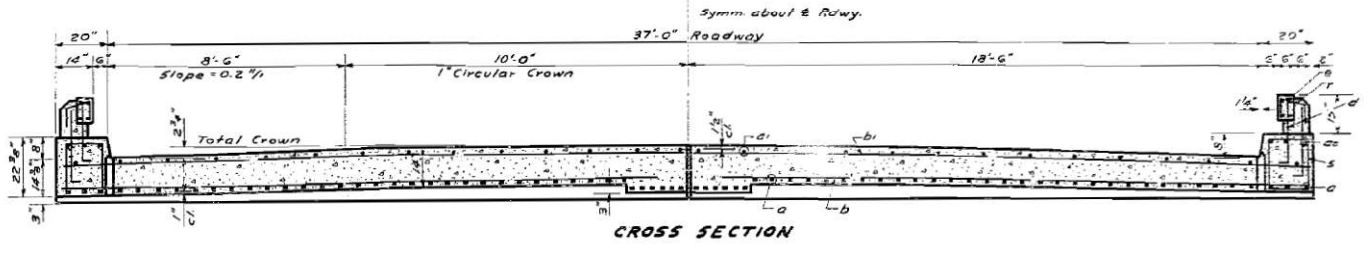
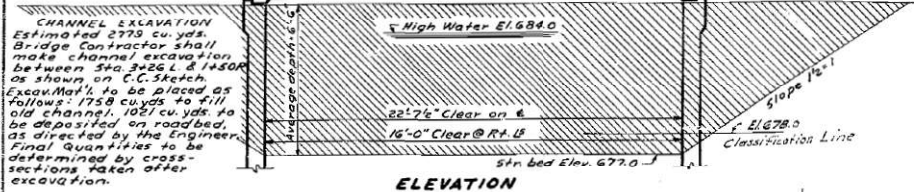
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 8/13/2021 10:36:38 AM

B.M. Station N.E. Wing of Bridge Abutment
 Left Sta 79+42.2 Elev 685.89
 Existing Structure: R.C. Slab Bridge 30' Clear Span
 30' Rdwy. with RC Abutts. Wings & Brick Handrail.
 Superstructure only to be removed by Contractor
 after construction of new Bridge.

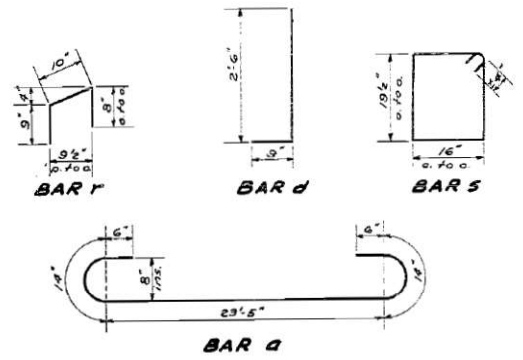
STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS

SECTION	DATE	SHEET NO.	TOTAL SHEETS
177B-B	10/6	10	6
PROJECT F-2(22)			

Note: For Handrail
 details see Standard
 2070 R Type 3C



STATION 80 + 50
 BUILT BY
 STATE OF ILLINOIS
 F.A. RT. 1 SECTION 177B
 PROJECT F2 (22)
 LOADING H20-516
 NAME PLATE
 See Standard 1382



D.L. DEFLECTION DIAGRAM
 In addition to D.L. Deflection
 the Contractor shall allow
 for settlement & shrinkage of
 forms.

GENERAL NOTES
 Class X Concrete shall be used thru-out, except
 as noted.
 Handrail concrete shall be used in Handrail.
 Handrail shall not be poured until false-
 work has been removed.
 The concrete slab on either side of center
 joint shall be poured in one continuous
 operation.
 The falsework on one side of the center
 joint shall not be removed until after
 the floor slab and curb are poured on
 the other side.
 Back of abutments and wing walls from the top of the slab or top of
 the wall to the top of the footing, shall be water proofed in accordance
 with Article 2000 of the Std. Specs. Adopted Jan. 2, 1952.
 For backfill behind abutments with fixed
 tops see Art. 50.10 of the Standard Specs.
 See Sheet 04 for Pile Plan and Routing Revisions
 See Sheet 23 for Details of Invert Slab.

TOTAL BILL OF MATERIAL

Item	Super	Sub.	Total
Class X Concrete	49.6	148.7	197.7
Handrail Concrete	1.2	203.1	12
Reinforcement Bars	10380	7750	18130
Name Plate	one		one
Removal Exist. Structure		one	one
Channel Excavation		2779	2779
Class A Excavation for Str. Curb		350	350
Class A Concrete	57.5	57.5	57.5
Untreated Timber Piles	3800	3800	3800
Pavement Fabric	385	385	385

BILL OF MATERIAL - SUPERSTR.

Bar	No.	Size	Length	Shape
a	74	1 1/2"	26'-0"	
a'	28	3/8"	24'-3"	
a''	6	1"	26'-0"	
b	44	3/8"	27'-6"	
b'	24	3/8"	27'-0"	
c	36	3/8"	3'-3"	
e	8	5/8"	24'-0"	
f	16	1/2"	2'-3"	
s	52	1/2"	6'-6"	

Class X Concrete cu yds. 49.6
 Handrail Concrete cu yds. 1.2
 Reinforcement Bars lbs. 10380
 Name Plate eo. One

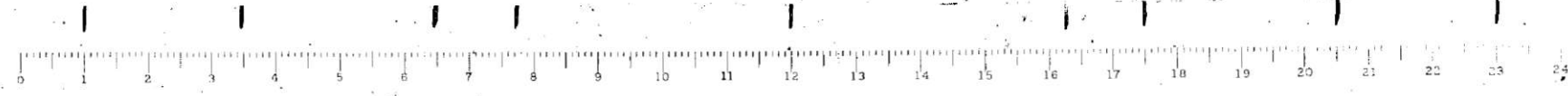
DESIGNED: M. G. Carroll
 CHECKED: M. G. Carroll
 DRAWN: MGC
 CHECKED: MGC

EXAMINED: M. G. Carroll
 PASSED: M. G. Carroll
 APPROVED: M. G. Carroll

WATERWAY INFORMATION
 Drainage Area = 1500 Acres
 Charge Per = rolling
 C (Tribute) = 0.3
 Opening Required = 72 sq. ft.
 Opening Provided = 112 sq. ft.

Revised for Roofing Changes 7-9-52 W.F.V.
 Excavation for structures added 2-31-52 M.R.G.+H.L.

PROJECT F-2(22)
 F.A. RT. 1 - SECTION 177B
 IROQUOIS COUNTY
 STATION 80 + 50



USER NAME = nmikolajczyk	DESIGNED - K. KOLODZIEJCZYK	REVISED -
PLOT SCALE =	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT DATE = 8/13/2021	CHECKED - M. LANGE	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 IL 1 OVER GAY CREEK (SN 038-2567)

SHEET 1 OF 4 SHEETS

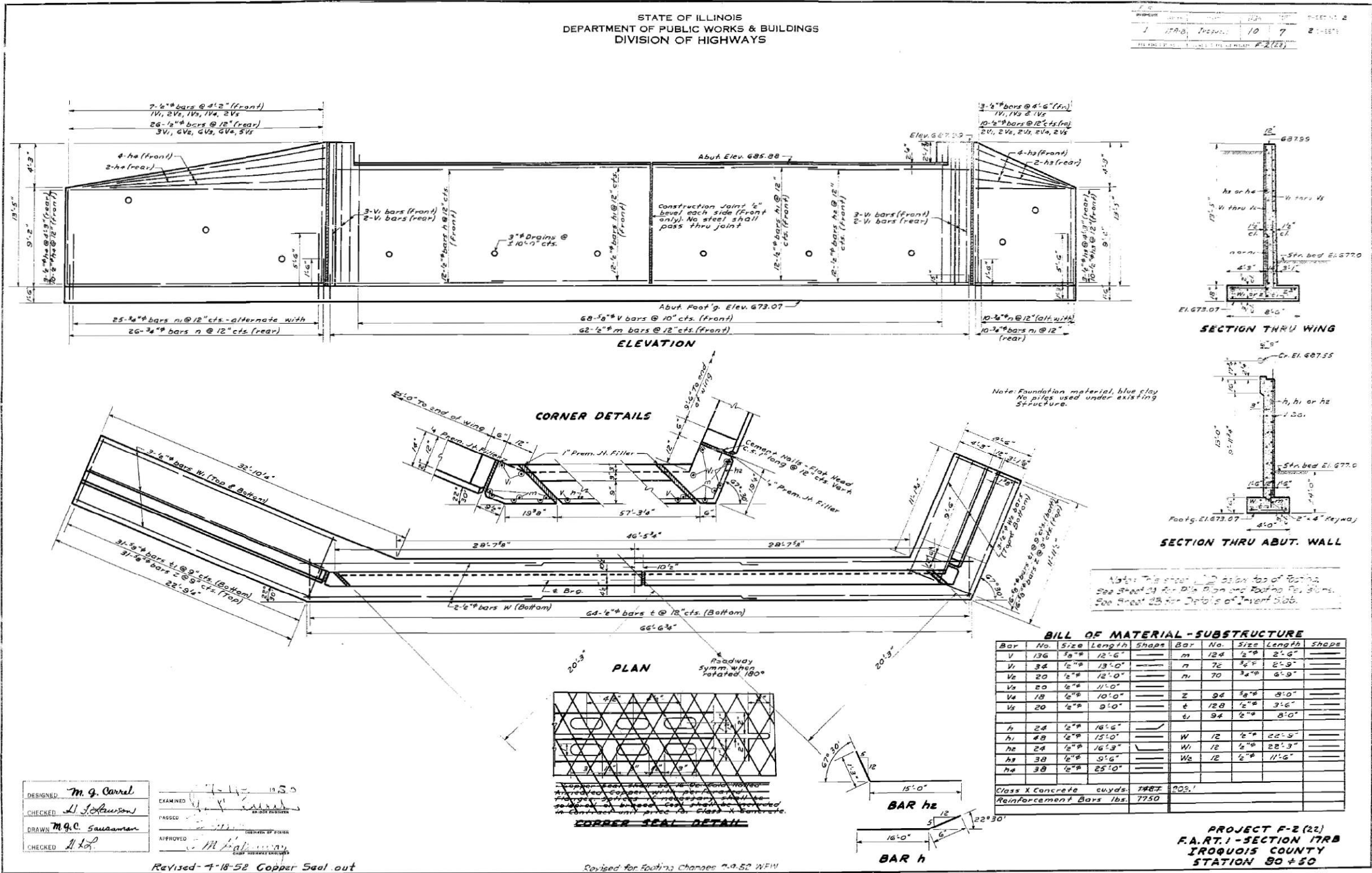
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(177B)E5	IROQUOIS	48	37
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

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

PROJECT	178B	SECTION	10	7	21-1011
DATE	F.2(22)				



Note: Foundation material, blue clay
 No piles used under existing
 structure.

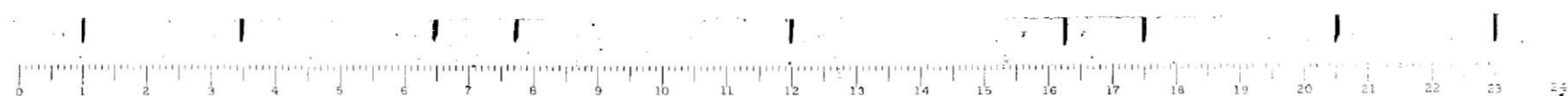
Note: This steel was designed on top of footing.
 See Sheet 24 for Dia. Sign and Footing Rebar Sums.
 See Sheet 25 for Details of Invert Slab.

DESIGNED	M. G. Carrel	EXAMINED	[Signature]
CHECKED	L. Johnson	PASSED	[Signature]
DRAWN	M. G. C. Sausaman	APPROVED	[Signature]
CHECKED	A. L. [Signature]		

Revised 7-18-52 Copper Seal out

Revised for Footing Changes 7-9-52 WFM

PROJECT F-2 (22)
 F.A.R.T. 1 - SECTION 178B
 IROQUOIS COUNTY
 STATION 80 ± 50



FOR INFORMATION ONLY



USER NAME = nmikolajczyk	DESIGNED - K. KOLODZIEJCZYK	REVISED -
PLOT SCALE =	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT DATE = 8/13/2021	CHECKED - M. LANGE	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
 IL 1 OVER GAY CREEK (SN 038-2567)

SHEET 2 OF 4 SHEETS

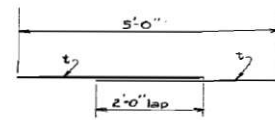
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(178B)E5	IROQUOIS	48	38
CONTRACT NO. 66F01			ILLINOIS FED. AID PROJECT	

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

DATE	REVISED	BY	NO.

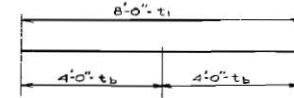
BILL OF REVISED FOOTING BARS

BAR	NO.	SIZE	LENGTH	SHAPE
t _a	25	1/2"	5'-0"	—
t _b	26	1/2"	4'-0"	—



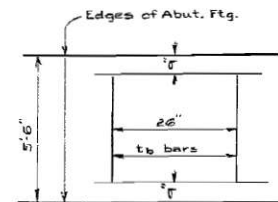
BAR t_a (25 Req'd.)

Lap 2'-bars t

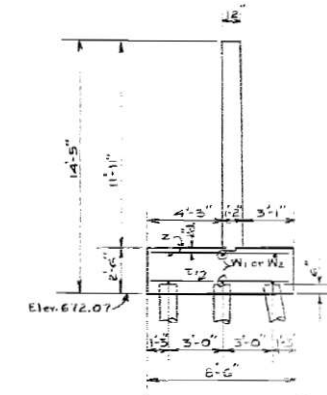


BAR t_b (26 Req'd.)

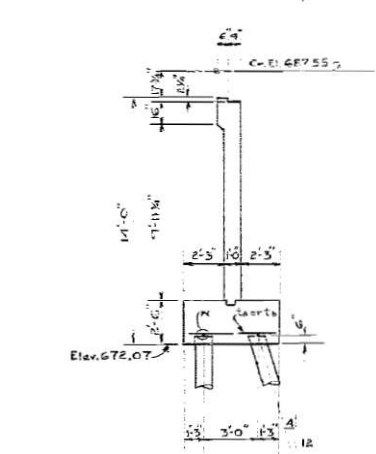
Make from bars t_a



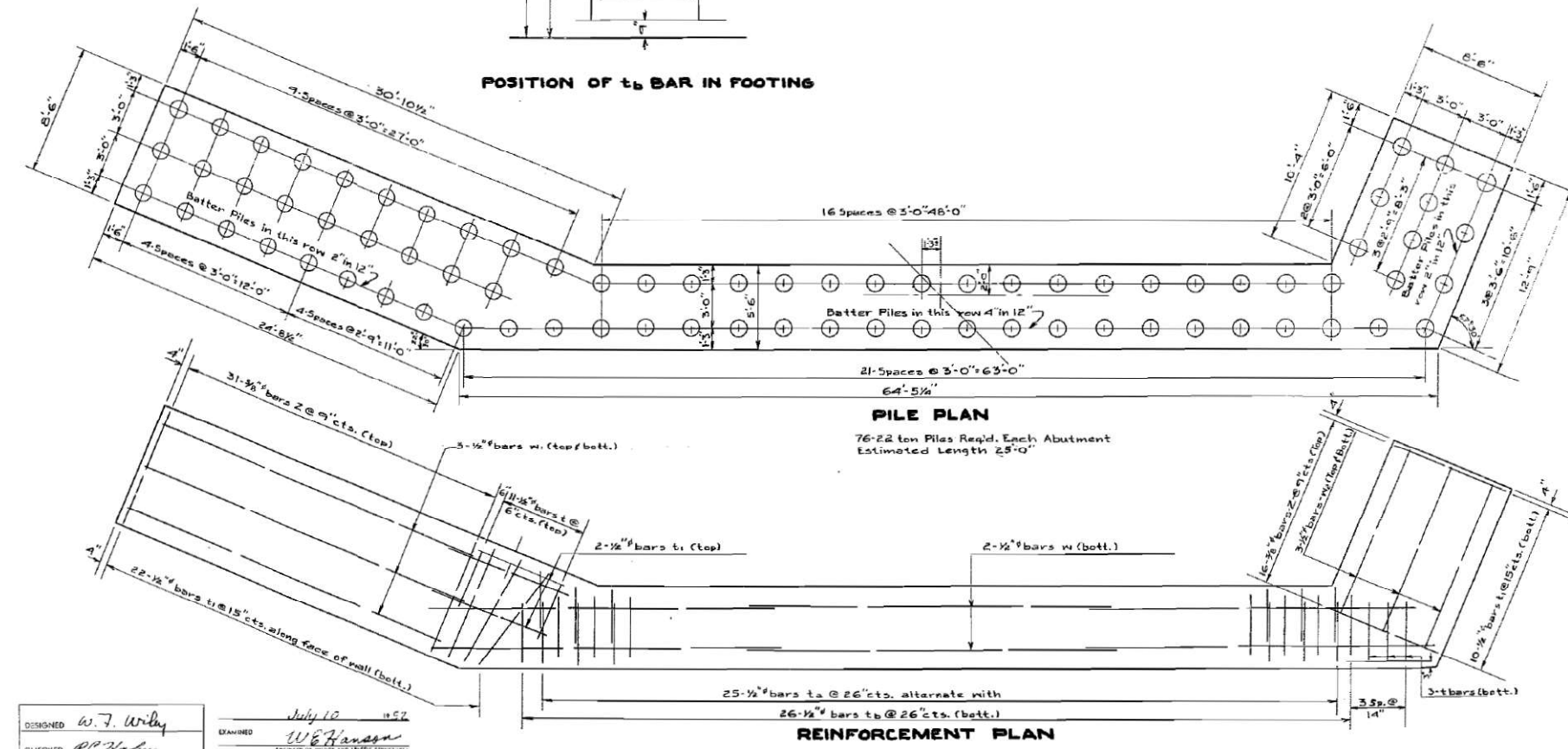
POSITION OF t_b BAR IN FOOTING



SECTION THRU WING



SECTION THRU ABUT. WALL



PILE PLAN

76-22 ton Piles Req'd. Each Abutment
Estimated Length 25'-0"

REINFORCEMENT PLAN

DESIGNED	W. J. Wilby	EXAMINED	W. E. Hanson
CHECKED	R. C. Hansen	PASSED	
DRAWN	S. L. Harris Stone	APPROVED	
CHECKED	R. C. Hansen		

REVISED FOOTING DETAILS
PROJECT F-2(22)
F.A.R.T. SECTION 17-RB
IROQUOIS COUNTY
STATION 80+50



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USER NAME =	nmikolajczyk	DESIGNED -	K. KOLODZIEJCZYK	REVISED -	
PLOT SCALE =		DRAWN -	K. KOLODZIEJCZYK	REVISED -	
PLOT DATE =	8/13/2021	CHECKED -	M. LANGE	REVISED -	
		DATE		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
IL 1 OVER GAY CREEK (SN 038-2567)

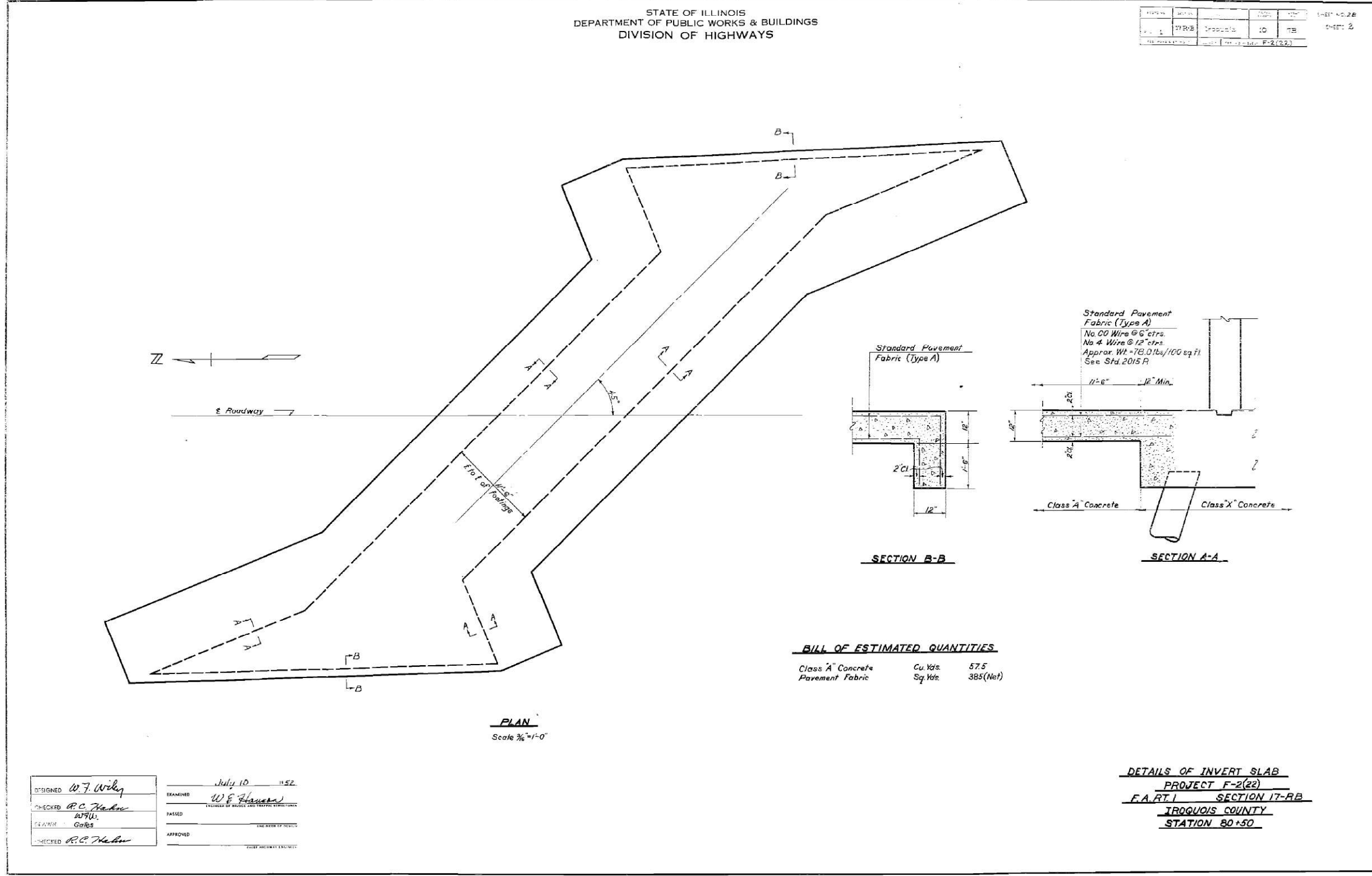
SHEET 3 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17R)E5	IROQUOIS	48	39
CONTRACT NO. 66F01				

ILLINOIS FED. AID PROJECT

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

PROJECT	SECTION	DATE	SHEET NO.
IL 1	17RB	10/18	2
PROJECT TITLE: F-2(22)			



DESIGNED	W.F. Wilby	EXAMINED	July 10 1952
CHECKED	R.C. Huber	PASSED	W.F. Huber
SCALE	As Shown	APPROVED	
CHECKED	R.C. Huber		



MODEL: Default
FILE NAME: C:\Users\nmikolajczyk\KRAK\Kristina Kolodziejczyk - Work From Home Files_MARCH2020\W20082.03 W03 IL 1 over Gay Creek (SN038-0028)\CADD\Sheets\Structures\19-EX Plans 4.dgn



USER NAME = nmikolajczyk	DESIGNED - K. KOLODZIEJCZYK	REVISED -
PLOT SCALE =	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT DATE = 9/29/2021	CHECKED - M. LANGE	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

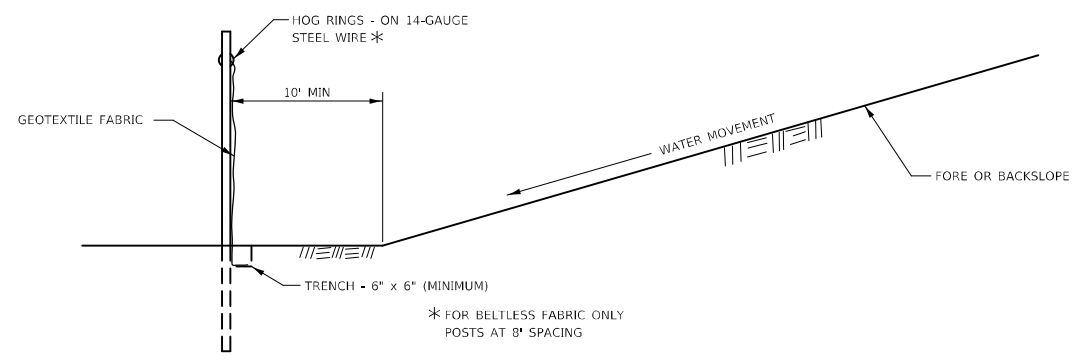
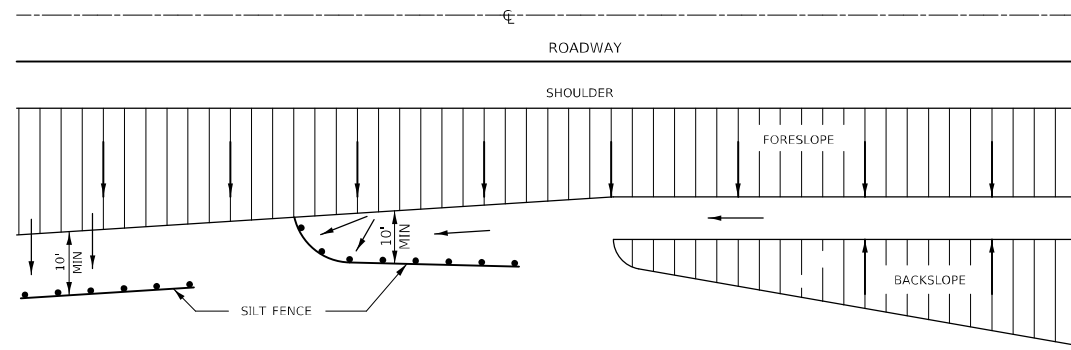
EXISTING PLANS
IL 1 OVER GAY CREEK (SN 038-2567)

SHEET 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332A	(17RB)BR	IROQUOIS	48	40
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

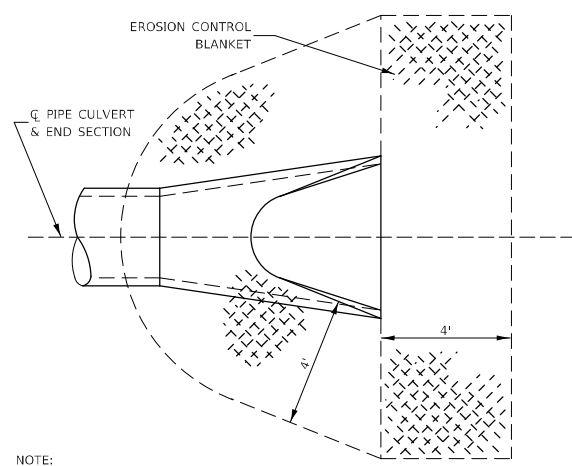
FOR INFORMATION ONLY

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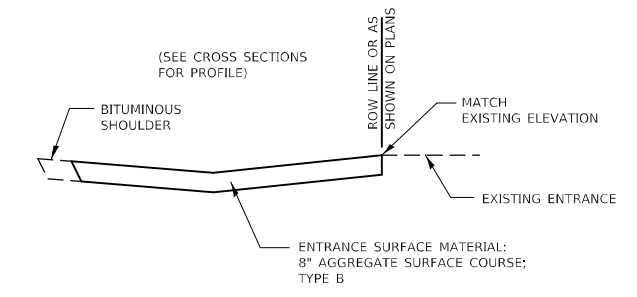
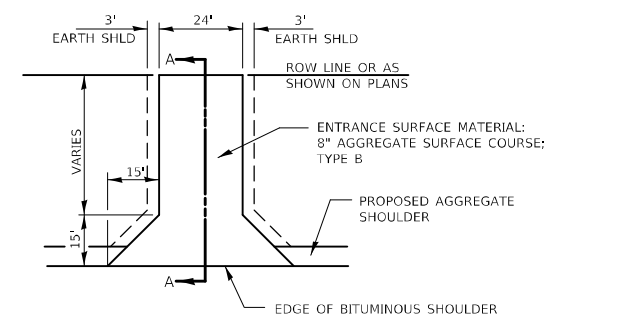
DETAILS OF SILT FENCE

EROSION CONTROL DETAILS FOR SILT FENCE

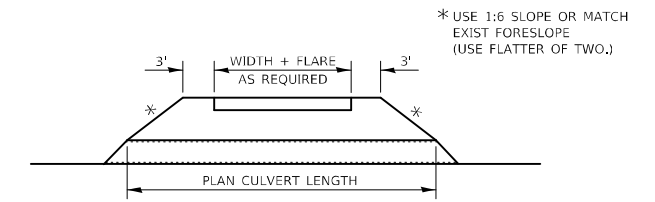


NOTE: TO BE USED AT ALL END SECTIONS

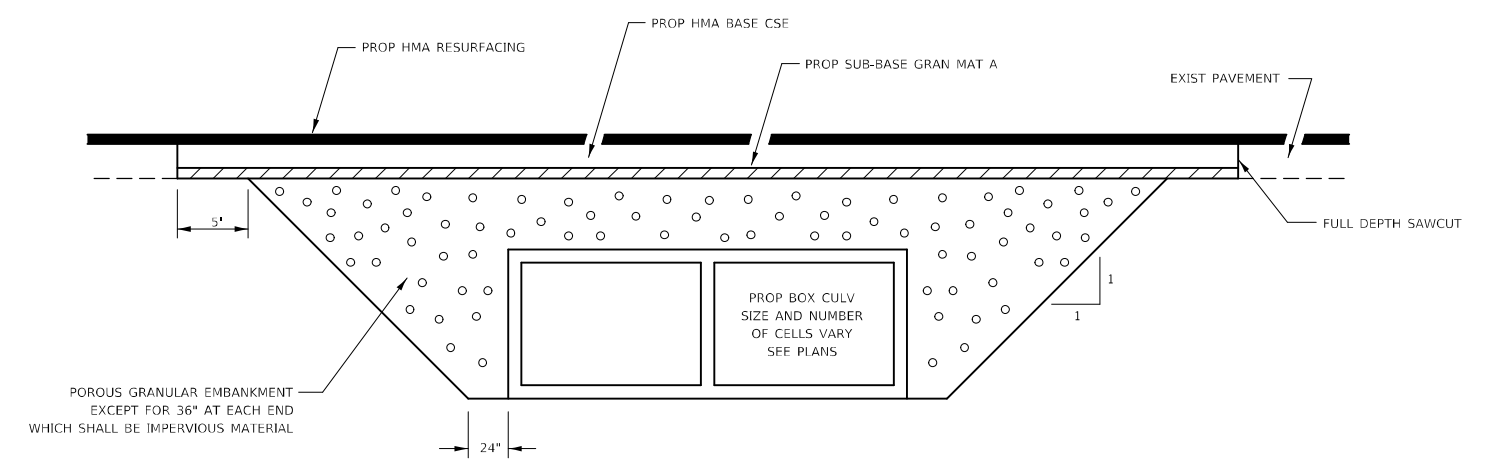
DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION



SECTION A-A



FIELD ENTRANCE DETAIL



SECTION THROUGH CAST-IN-PLACE BOX CULVERT



USER NAME = nmikolajczyk	DESIGNED - N. VARCHETTO	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - K. KOLODZIEJCZYK	REVISED -
PLOT DATE = 9/29/2021	CHECKED - M. LANGE	REVISED -
	DATE - 08.13.2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT STANDARDS
 IL 1 OVER GAY CREEK**

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

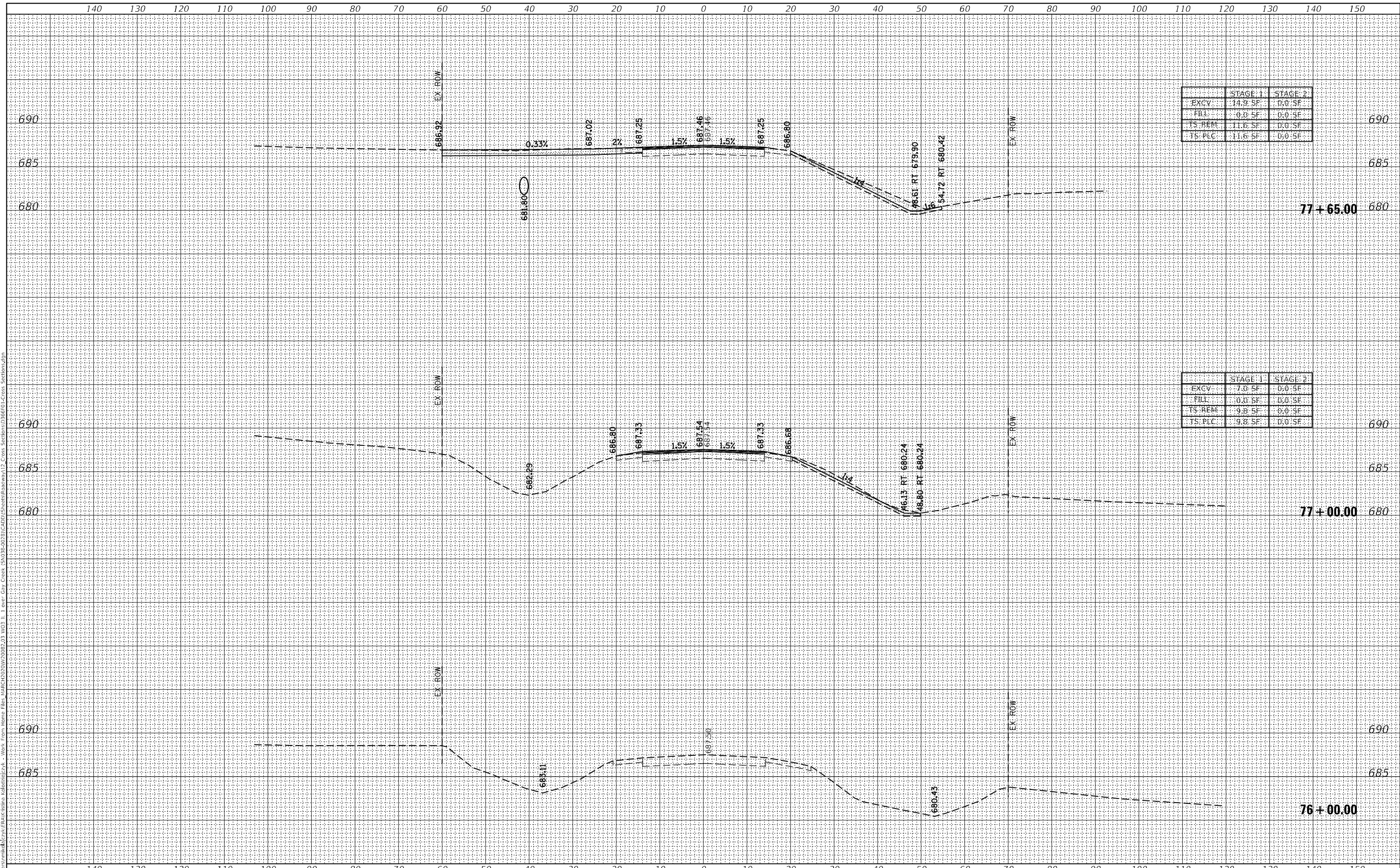
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332A	(17RB)BR	IROQUOIS	48	41
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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



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

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	STAGE 1	STAGE 2
EXCV	14.9 SF	0.0 SF
FILL	0.0 SF	0.0 SF
TS REM	11.6 SF	0.0 SF
TS PLC	11.6 SF	0.0 SF

	STAGE 1	STAGE 2
EXCV	7.0 SF	0.0 SF
FILL	0.0 SF	0.0 SF
TS REM	9.8 SF	0.0 SF
TS PLC	9.8 SF	0.0 SF

USER NAME	= nmikolajczyk
DESIGNED	- K. KOLODZIEJCZYK
DRAWN	- N. MIKOLAJCZYK
CHECKED	- M. LANGE
DATE	- 08.13.2021

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 1 OVER GAY CREEK**

SCALE: SHEET 1 OF 6 SHEETS STA. 76+00.00 TO STA. 77+65.00

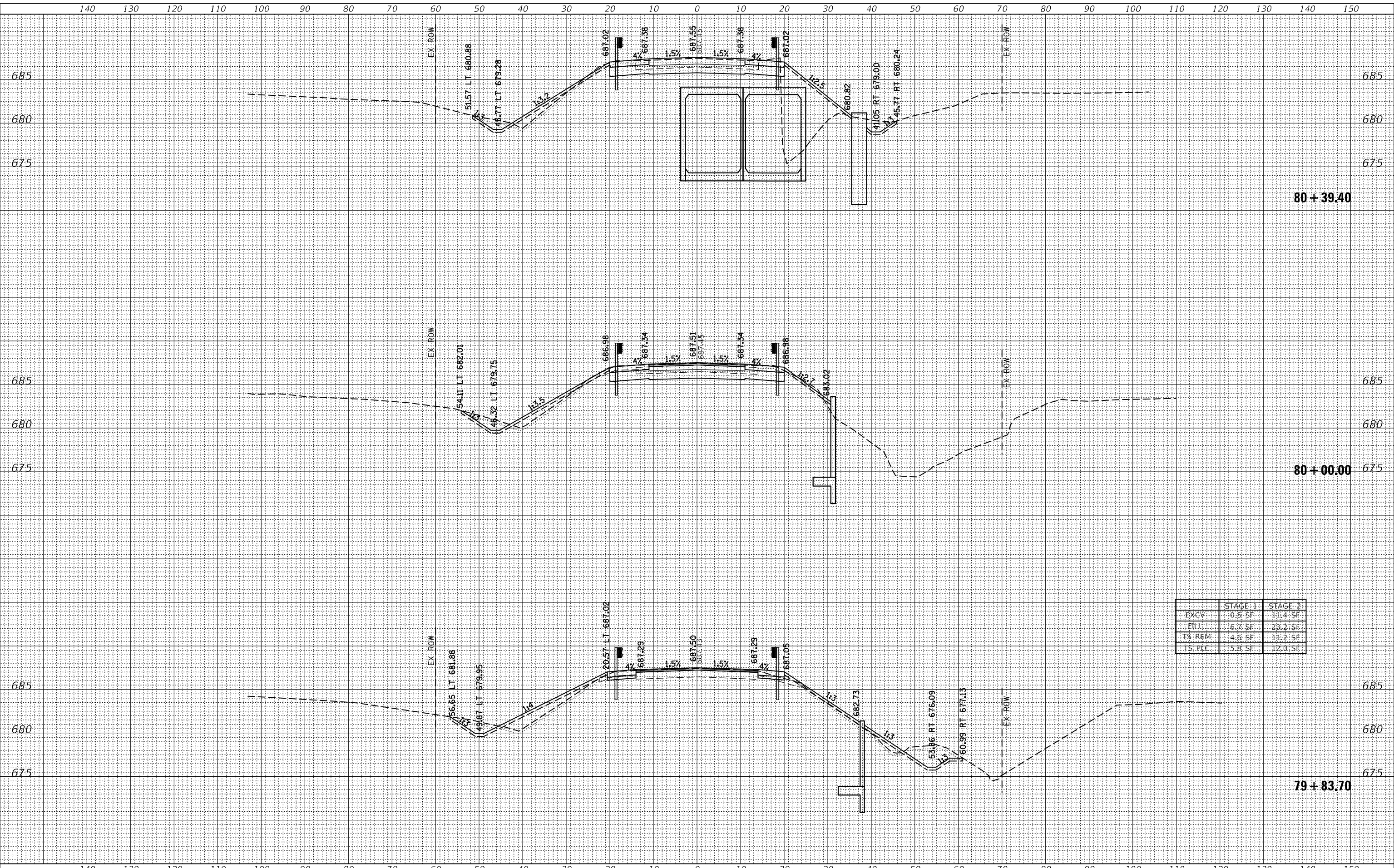
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332A	(178)E	IROQUOIS	48	43
CONTRACT NO. 66F01				
ILLINOIS FED. AID PROJECT				

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



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

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EXCV	0.5 SF	11.4 SF
FILL	6.7 SF	23.2 SF
TS.REM	4.6 SF	11.7 SF
TS.PLC	5.8 SF	12.0 SF

USER NAME = nmikolajczyk	DESIGNED - K. KOLODZIEJCZYK	REVISED -
	DRAWN - N. MIKOLAJCZYK	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - M. LANGE	REVISED -
PLOT DATE = 9/29/2021	DATE - 08.13.2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 IL 1 OVER GAY CREEK**

SCALE: SHEET 3 OF 6 SHEETS STA. 79+83.70 TO STA. 80+39.40

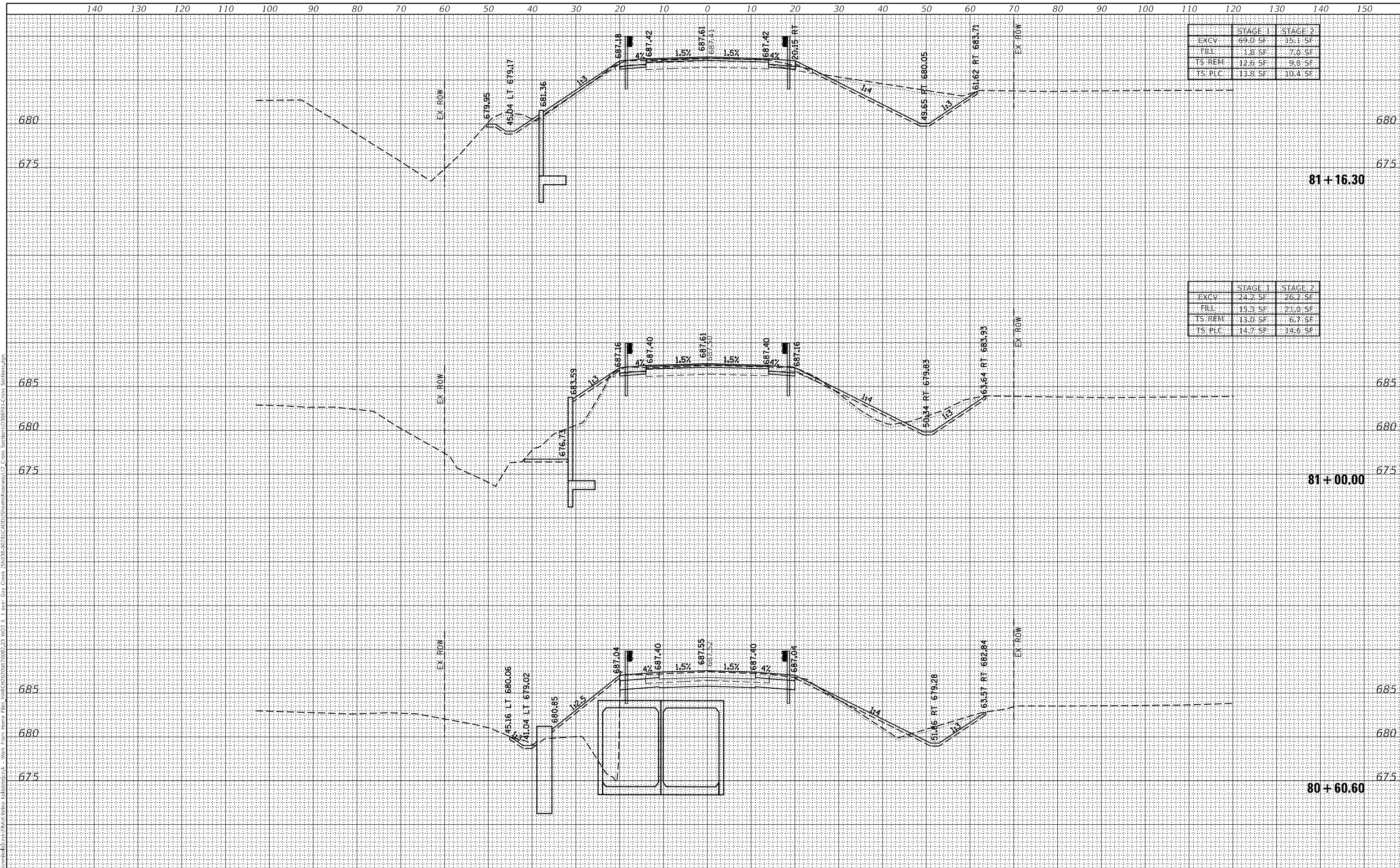
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			CONTRACT NO. 66F01	
ILLINOIS FED. AID PROJECT				

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



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

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	STAGE 1	STAGE 2
EXCV	69.0 SF	15.1 SF
FILL	1.8 SF	7.0 SF
TS REM	12.6 SF	9.8 SF
TS PLC	11.8 SF	10.4 SF

	STAGE 1	STAGE 2
EXCV	24.2 SF	26.2 SF
FILL	15.3 SF	21.0 SF
TS REM	13.0 SF	6.7 SF
TS PLC	14.7 SF	14.6 SF

81 + 16.30

81 + 00.00

80 + 60.60

USER NAME = nmikolajczyk	DESIGNED - K. KOLODZIEJCZYK	REVISED -
	DRAWN - N. MIKOLAJCZYK	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - M. LANGE	REVISED -
PLOT DATE = 9/29/2021	DATE - 08.13.2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL 1 OVER GAY CREEK

SCALE: SHEET 4 OF 6 SHEETS STA. 80+60.60 TO STA. 81+16.30

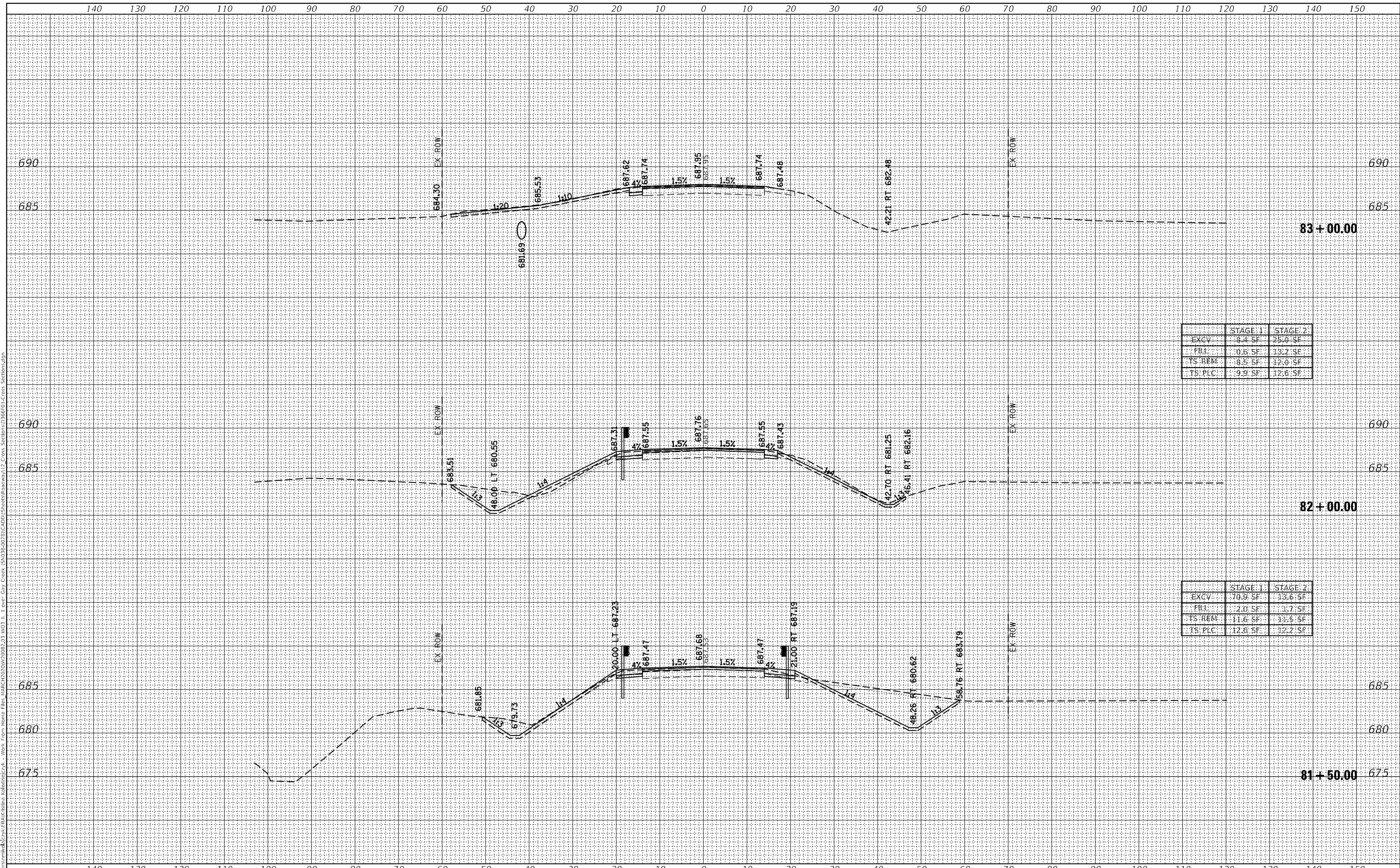
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332A	(178)E	IROQUOIS	48	46
CONTRACT NO. 66F01			ILLINOIS FED. AID PROJECT	

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



ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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	STAGE 1	STAGE 2
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FILL	0.8 SF	13.2 SF
TS REM	8.5 SF	12.0 SF
TS PLC	9.9 SF	12.6 SF

	STAGE 1	STAGE 2
EXCV	70.8 SF	133.6 SF
FILL	2.0 SF	3.7 SF
TS REM	11.6 SF	13.5 SF
TS PLC	12.8 SF	12.2 SF

USER NAME = nmikolajczyk	DESIGNED - K. KOLODZIEJCZYK	REVISIONS -
	DRAWN - N. MIKOLAJCZYK	REVISIONS -
PLOT SCALE = 20,0000 * / in.	CHECKED - M. LANGE	REVISIONS -
PLOT DATE = 9/29/2021	DATE - 08.13.2021	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
IL 1 OVER GAY CREEK**

SCALE: SHEET 5 OF 6 SHEETS STA. 81+50.00 TO STA. 83+00.00

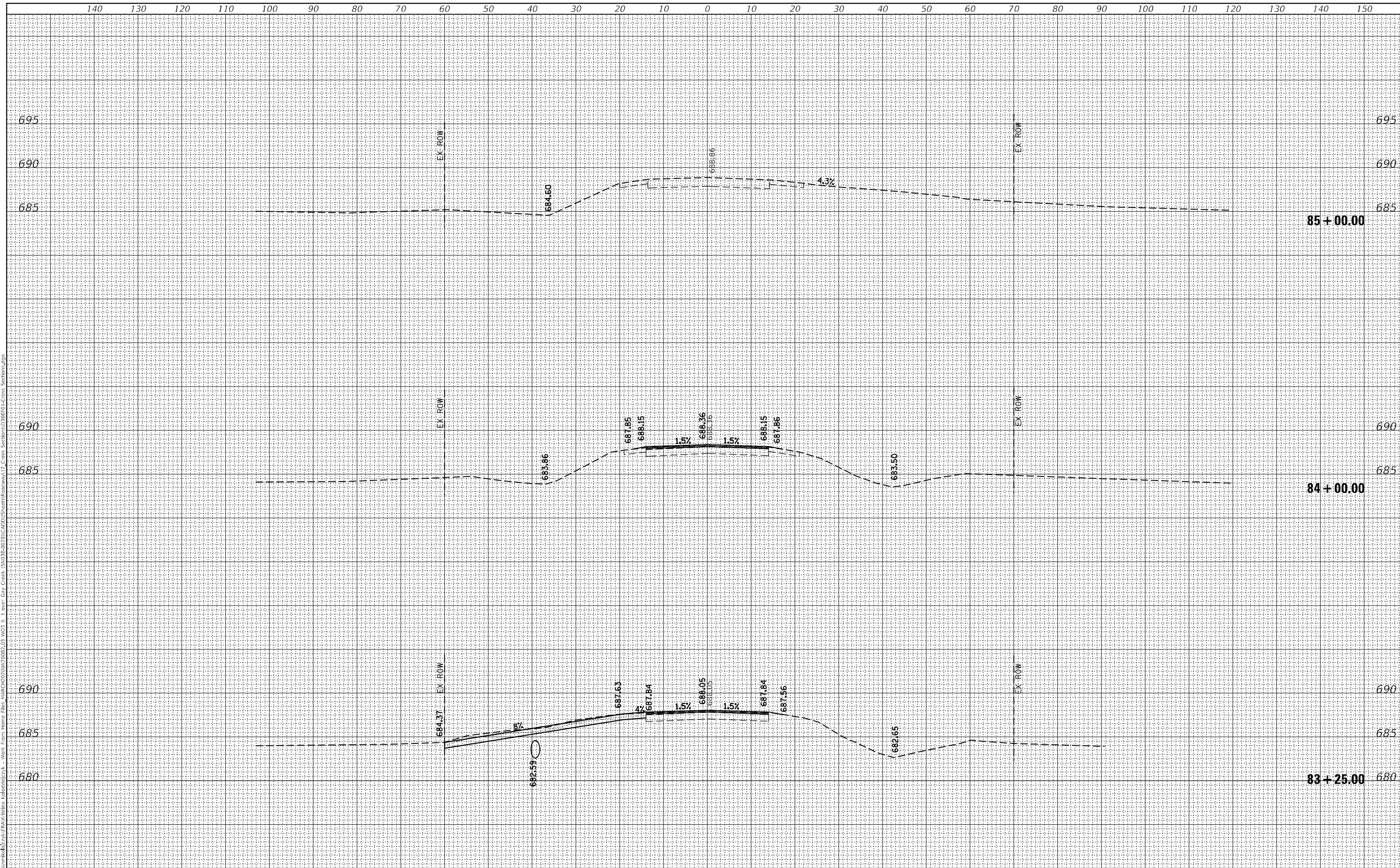
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			CONTRACT NO. 66F01	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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ORIGINAL SURVEY	SURVEYED	DATE
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 WORK FROM HOME FILES: MARCH 2021\2021\03 W03 IL 1 over Gay Creek (S:\03-2021\CADD\Sheets\66601-Cross Sections.dgn)



USER NAME = nmikolajczyk	DESIGNED - K. KOLODZIEJCZYK	REVISED -
	DRAWN - N. MIKOLAJCZYK	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - M. LANGE	REVISED -
PLOT DATE = 9/29/2021	DATE - 08.13.2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
IL 1 OVER GAY CREEK**

SCALE: SHEET 6 OF 6 SHEETS STA. 83+25.00 TO STA. 85+00.00

F.A.S. RTE. 332A	SECTION (17R)E5	COUNTY IROQUOIS	TOTAL SHEETS 48	SHEET NO. 48
			CONTRACT NO. 66F01	
			ILLINOIS FED. AID PROJECT	