

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

# PROPOSED HIGHWAY PLANS

TR 154 (CREGO ROAD)  
SECTION (116)CR-5309  
PROJECT HBFP-XQMP(661)  
CULVERT REPLACEMENT  
DEKALB COUNTY

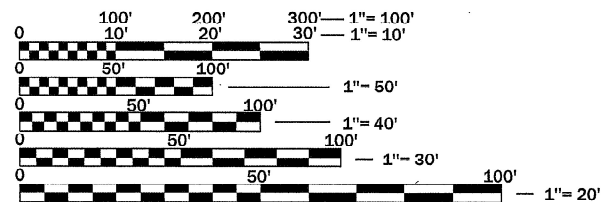
C-93-085-22

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 GENERAL NOTES & STANDARDS
- 3-5 SUMMARY OF QUANTITIES
- 6-7 TYPICAL SECTIONS
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- 19-22 CROSS SECTIONS
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SEE SHEET 2 FOR LIST OF HIGHWAY STANDARDS.

**STATION 10 + 40.96**  
**PROPOSED STRUCTURE NO. 019-2024**  
**DOUBLE 10'-0" x 6'-0" REINFORCED CONCRETE BOX CULVERT.**  
**LENGTH VARIES FROM 52'-0" TO 71'-1 1/2", NO SKEW.**

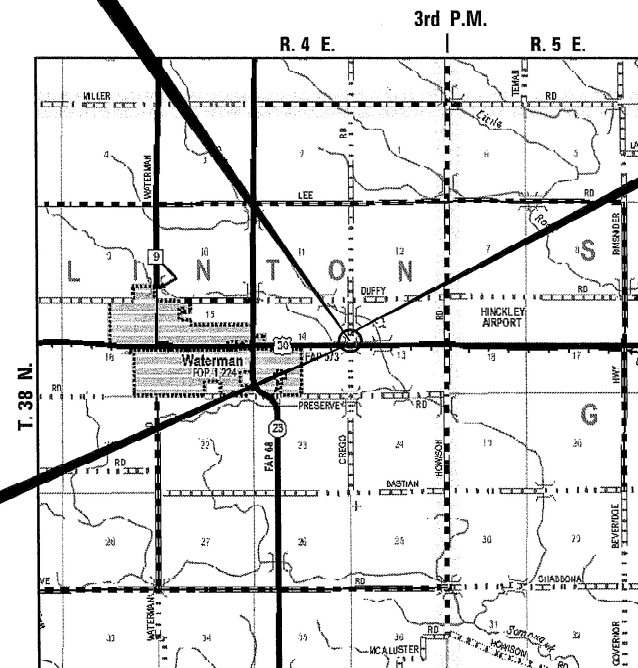


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

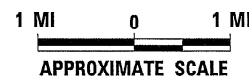
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: BRADLEY DUNCAN, P.E.  
UNIT CHIEF: MOHAMED YOUSIF  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 66824

**BEGIN IMPROVEMENT**  
**STA 10 + 11.00**



CLINTON TOWNSHIP



GROSS LENGTH = 164.00 FT. = 0.031 MILE  
NET LENGTH = 164.00 FT. = 0.031 MILE

**END IMPROVEMENT**  
**STA 11 + 75.00**

Hutchison Engineering, Inc.  
JACKSONVILLE-SHOREWOOD  
PEORIA-QUAD CITIES-CARRONDALE

2022 JOB#4845.14

DATE: *10/13/22*  
*Benjamin A. Neeb*  
PROFESSIONAL ENGINEER  
ILLINOIS  
*L. E. P. 11/30/23*  
SIGNATURE  
ENGINEERS SEAL

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	1
		ILLINOIS	CONTRACT NO. 66824	

D-93-063-22  
P-93-036-08  
R-93-009-09



LOCATION OF SECTION INDICATED THUS: - -

DESIGN DESIGNATION:  
ADT 60 (23) LOCAL ROAD (NON-URBAN)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SUBMITTED October 13 2022  
*Thomas A. Howard*  
REG. REGIONAL ENGINEER  
December 9, 2022  
*Scott A. Etkin*  
ENGINEER OF DESIGN AND ENVIRONMENT  
December 9, 2022  
*Stephen M. Spauld*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**GENERAL NOTES**

- MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
  - \* ComEd
  - \* FRONTIER COMMUNICATIONS
  - \* NICOR
  - \* MEDIACOM
 NON-MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:  
 NONE  
 THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
- THE REMOVAL OF ANY EXISTING GRAVEL OR CRUSHED STONE BASE COURSE WHICH MAY BE NECESSARY FOR THE CONSTRUCTION OF THE PROJECT SHALL BE REMOVED AS EARTH EXCAVATION AND NO COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.
- ALL WASTE OR UNDESIRABLE MATERIAL AS IDENTIFIED BY THE ENGINEER SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT THE CONTRACTOR'S EXPENSE.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- ALL EXISTING DRAINAGE STRUCTURES NOT BEING REMOVED BY THE CONTRACTOR THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- TEMPORARY SEEDING SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE PAID FOR AS "TEMPORARY EROSION CONTROL SEEDING" AND NO OTHER PAYMENT WILL BE PERMITTED. FOR CALCULATION PURPOSES, THREE APPLICATIONS OF TEMPORARY SEEDING WERE ASSUMED.
- THE FINISHED EARTHWORK SHALL HAVE A VEGETAION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS 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.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- TRAFFIC CONTROL SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE ROADWAY. THESE SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAY', LATEST EDITION. ALL SUCH WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST IN THE COST OF THE HMA SURFACE.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATIONS	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S)	HMA SHOULDERS BOTTOM LIFT(S)	HMA SHOULDERS TOP LIFT (2")
BINDER GRADE (PG)	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% N50	4.0% N50
MIXTURE COMPOSITION (MIXTURE GRADATION)	IL 19.0	IL 9.5
FRICITION AGGREGATE		MIXTURE C
MIXTURE WEIGHT	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
DENSITY TEST METHOD	CORES	CORES
MATERIAL TRANSFER DEVICE (REQUIRED)	NO	NO

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

AGGREGATE (SURFACE & SHOULDERS)	2.05 TONS/CU YD
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE

**COMMITMENTS**

- EXISTING BRIDGE WEIGHT LIMIT SIGNS AND SUPPORT POSTS NEED TO BE RETURNED TO IDOT. THE CONTRACTOR SHALL CAREFULLY REMOVE AND PROVIDE TO THE ENGINEER. THE ENGINEER CAN DELIVER TO THE WATERMAN IDOT MAINTENANCE FACILITY.
- THE CONTRACTOR SHALL PERFORM ALL WORK AWAY FROM RAILROAD RIGHT OF WAY.

**LIST OF IDOT 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
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-04	NAME PLATE FOR BRIDGES
630001-12	STEEL PLATE BEAM GUARDRAIL
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) TO 24" (600 mm) 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
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

**LIST OF DISTRICT 3 STANDARDS**

251-3	EROSION CONTROL BLANKET AT BOX CULVERT END SECTIONS
701-3	TRAFFIC CONTROL DETAIL FOR TEMPORARY CONCRETE BARRIER
720-10	TEMPORARY INFORMATION SIGNING - ROAD CLOSED
780-8	PAVEMENT MARKING

**CONTROL POINTS**

POINT #	ROUTE	STATION	OFFSET	NAD 1983 STATE PLANE		ELEVATION	DESCRIPTION
				NORTHING	EASTING		
1	TR 154	9+44.76	33.24' LT	1858740.7930	874735.0610	761.83	7/8" REBAR WITH CAP
2	US 30	713+92.03	27.91' LT	1858838.1090	876924.3370	761.07	80D SPIKE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: \_\_\_\_\_  
DISTRICT STUDIES & PLANS ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

DATE: \_\_\_\_\_

START & END DATES  
OF CONSTRUCTION: \_\_\_\_\_

EXAMINED BY: \_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

INSPECTORS: \_\_\_\_\_

\_\_\_\_\_  
DISTRICT MATERIALS ENGINEER

\_\_\_\_\_  
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = BNebe1	DESIGNED - MMO	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES &amp; STANDARDS</b>				RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\4845_14 - Crego Road over Trib to Somonauk Creek -	FTB199-023 (IDOT D-3)/CADD/CADD Sheets/66824-eh1-gennotes.d	DRAWN - MMO	REVISED - _____						TR 154	(116)CR-5309	DEKALB	24	2
SMODELNAMES	PLOT SCALE = 2,000' = 1" IN	CHECKED - BMB	REVISED - _____		CONTRACT NO. 66824								
	PLOT DATE = 9/15/2022	DATE - 6/6/2022	REVISED - _____		SCALE: _____	SHEET 1 OF 1 SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT NO. XQMP(661)					

MODEL: \\MODEL\NAMES  
 FILE NAME: V:\B345.14 - Craig Road over Tills to Semonsuk Creek - RTB19A423 (DOT D-3)\CADD\CADD Sheets\66824-1-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED/20% STATE	
				BRIDGE	
				0010	
				019-2024	
20200100	EARTH EXCAVATION	CU YD	115		115
20700220	POROUS GRANULAR EMBANKMENT	CU YD	54.7		54.7
25000200	SEEDING, CLASS 2	ACRE	0.25		0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	11		11
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	11		11
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	11		11
25100115	MULCH, METHOD 2	ACRE	0.25		0.25
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	48		48
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	36		36
28000400	PERIMETER EROSION BARRIER	FOOT	280		280
28100107	STONE RIPRAP, CLASS A4	SQ YD	135		135
28200200	FILTER FABRIC	SQ YD	135		135
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	254		254
44000100	PAVEMENT REMOVAL	SQ YD	121		121

USER NAME = BNeibel	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 2,000' / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 6/6/2022	REVISED - _____

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: \_\_\_\_\_ SHEET 1 OF 3 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	3
			CONTRACT NO. 66824	
		ILLINOIS	FED. AID PROJECT NO. XQMP1661	

MODEL: \\MODEL\NAMES  
 FILE NAME: V:\B345.14 - Craig Road over Trib to Semonsuk Creek - RTB19A433 (DOT D-3)\CADD\CADD Sheets\66824-sh-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED/20% STATE	
				BRIDGE	
				0010	
				019-2024	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	102		102
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	111		111
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	27,580		27,580
51500100	NAME PLATES	EACH	1		1
52200010	TEMPORARY SHEET PILING	SQ FT	3,307		3,307
54003000	CONCRETE BOX CULVERTS	CU YD	156.4		156.4
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	157		157
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	125		125
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	50		50
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2		2
63200310	GUARDRAIL REMOVAL	FOOT	100		100
67100100	MOBILIZATION	L SUM	1		1
70400100	TEMPORARY CONCRETE BARRIER	FOOT	62.5		62.5

\*= SPECIALTY ITEM

USER NAME = BNeibel	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 2,000' / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 6/6/2022	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	4
			CONTRACT NO. 66824	
		ILLINOIS	FED. AID PROJECT NO. XQMP1661	



MODEL: \\MODEL\NAMES  
FILE NAME: V:\B345.11 - Craig Road over Trib to Semonsuk Creek - FTB19A403 (DOT D-3)\CADD\CADD Sheets\66824-1-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED/20% STATE	
				BRIDGE	
				0010	
				019-2024	
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	18		18
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2		2
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	50		50
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4		4
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	157		157
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42		42

\*= SPECIALTY ITEM

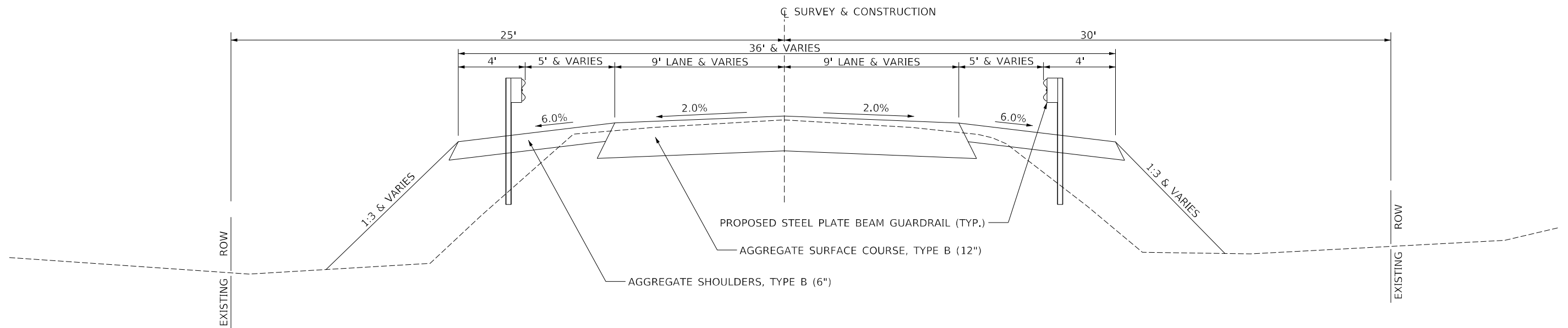
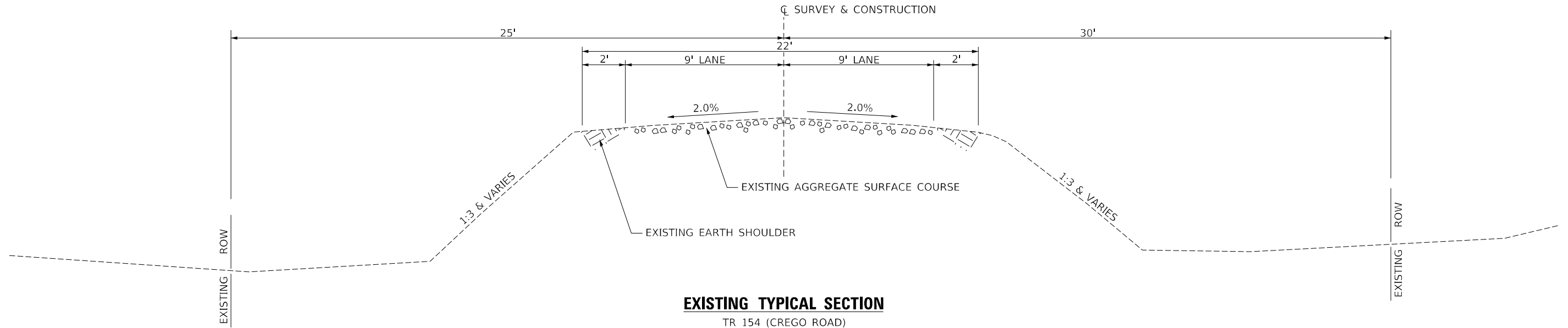
USER NAME = BNeibel	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 2,000' / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 6/6/2022	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: \_\_\_\_\_ SHEET 3 OF 3 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	5
				CONTRACT NO. 66824
		ILLINOIS	FED. AID PROJECT NO. XQMP1661	



MODEL: \\MODEL\MMF5  
 FILE NAME: V:\154\154 - Crego Road over Trib to Semonsuk Creek - RTB\19A\033 (RDOT D-3)\CADD\CADD Sheets\66824-1-1-1.dwg

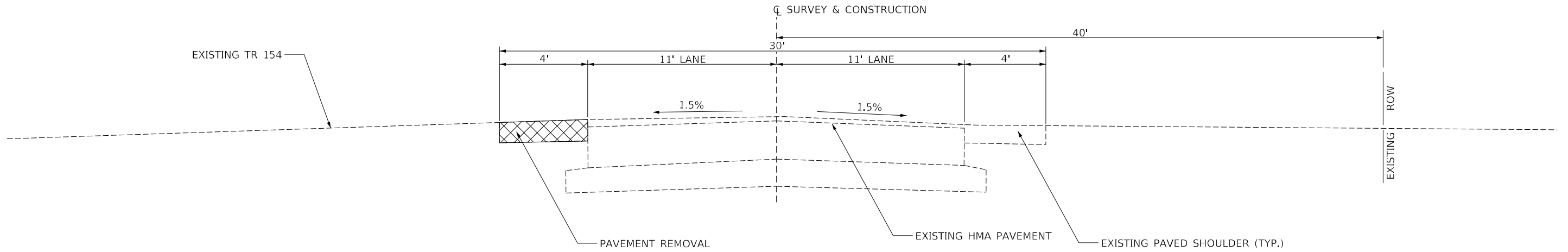
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	DRAWN - MMO	REVISED - _____
PLOT SCALE = 20,0000 * / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 6/8/2022	REVISED - _____

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TR 154 (CREGO ROAD)**  
**TYPICAL SECTIONS**

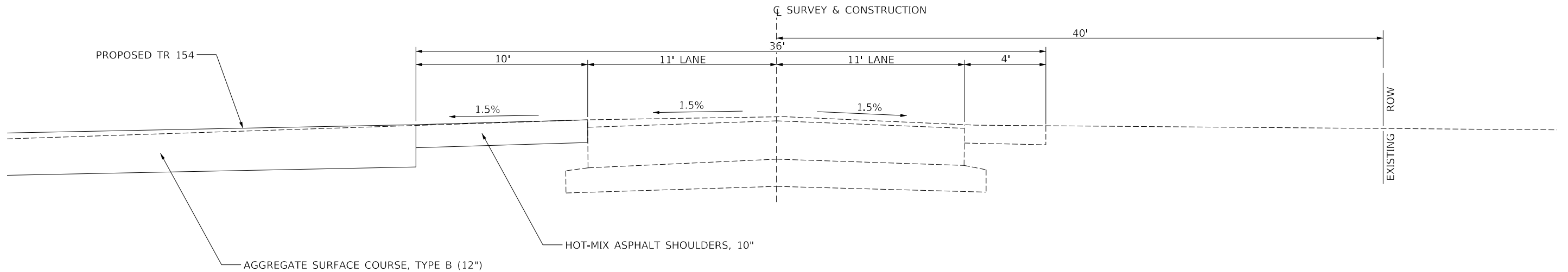
SCALE: N/A    SHEET 1 OF 2 SHEETS    STA. 10+21.00 TO STA. 11+75.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	6
			CONTRACT NO. 66824	
		ILLINOIS	FED. AID PROJECT NO. XQMP(661)	



**EXISTING TYPICAL SECTION**

US 30 (FAP 573)  
STA 691+83 TO STA 692+92



**PROPOSED TYPICAL SECTION**

US 30 (FAP 573)  
STA 691+83 TO STA 692+92

MODEL: \\MODEL\MAMF5  
 FILE NAME: V:\B345.14 - Craig Road over Trib to Semonsuk Creek - RTB\19A423 (RDOT D-3)\CADD\CADD Sheets\66824-1-1-1.dwg

USER NAME = BNeibel	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 20,0000 * / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 6/8/2022	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: N/A SHEET 2 OF 2 SHEETS STA. 691+83.00 TO STA. 692+92.00

**US HIGHWAY 30  
TYPICAL SECTIONS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	(116)CR-5309	DEKALB	24	7
			CONTRACT NO. 66824	
		ILLINOIS	FED. AID PROJECT NO. XQMP(661)	

SEEDING SCHEDULE						
STATION TO STATION	SIDE	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2
		ACRE	POUND			ACRE
TR 154						
10+20	11+75	LT	0.05	5	5	0.05
10+25	11+75	RT	0.07	6	6	0.07
TOTAL			0.12	11	11	0.12
USE			0.25	11	11	0.25

AGGREGATE SURFACE COURSE, TYPE B				
STATION TO STATION	THICKNESS	WIDTH	LENGTH	TON
TR 154				
10+21.00	10+61.77	1.00'	30.82' AVG.	40.77'
10+61.77	11+25.00	1.00'	19.00'	63.23'
11+25.00	11+75.00	1.00'	17.85' AVG.	50.00'
TOTAL				254

HOT-MIX ASPHALT SHOULDERS, 10"				
STATION TO STATION	SIDE	WIDTH	LENGTH	SQ YD
US 30				
691+82.62	691+92.62	LT	5.00' AVG.	10.00'
691+92.62	692+81.94	LT	10.00'	89.32'
692+81.94	692+91.94	LT	5.00' AVG.	10.00'
TOTAL				111

AGGREGATE SHOULDERS, TYPE B				
STATION TO STATION	SIDE	WIDTH	LENGTH	TON
TR 154				
10+19.16	10+60.24	LT	12.78' AVG.	41.08'
10+20.90	10+61.77	RT	13.91' AVG.	40.87'
10+60.24	11+22.44	LT	9.00'	62.20'
10+61.77	11+22.44	RT	9.00'	60.67'
11+22.44	11+75.00	LT	4.50' AVG.	52.56'
11+22.44	11+75.00	RT	4.50' AVG.	52.56'
TOTAL				102

PAVEMENT REMOVAL			
STATION TO STATION	WIDTH	LENGTH	SQ YD
US 30			
691+82.62	692+91.94	3.85' AVG.	109.32'
TR 154			
10+15.00	10+49.12	19.52' AVG.	34.12'
TOTAL			121

PAINT PAVEMENT MARKING - LINE 4"				
STATION TO STATION	SIDE	DESCRIPTION	FOOT	
US 30				
691+83	692+08	LEFT	WHITE SOLID - EDGE LINE	25
692+67	692+92	LEFT	WHITE SOLID - EDGE LINE	25
TOTAL				50

TEMPORARY CONCRETE BARRIER				
STATION TO STATION	SIDE	TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	
		FOOT	EACH	
US 30				
692+08	692+70	LT	62.5	18
TOTAL			62.5	18

TEMPORARY EROSION CONTROL SEEDING			
STATION TO STATION	SIDE	POUND	
TR 154			
10+20	11+75	LT	15
10+25	11+75	RT	21
TOTAL			36

PERIMETER EROSION BARRIER			
STATION TO STATION	SIDE	FOOT	
US 30			
691+72	691+89	LT	20
692+56	693+06	LT	20
TR 154			
10+59	11+75	LT	120
10+59	11+75	RT	120
TOTAL			280

HEAVY DUTY EROSION CONTROL BLANKET			
STATION TO STATION	SIDE	SQ YD	
TR 154			
10+26	10+64	LT	24
10+26	10+64	RT	24
TOTAL			48

EARTHWORK SUMMARY			
STATION TO STATION	EARTH EXCAVATION	FILL	WASTE (SHORTAGE)
	CU YD		
US 30			
RDWY 691+72.00 - 693+06.00	13	22	(12)
TR 154			
RDWY 10+21.00 - 10+30.21	14	0	11
SEE SPECIAL PROVISIONS FOR STRUCTURE AREA EXCAVATION			
FILL OVER CULVERT	-	20	(20)
RDWY 10+51.71 - 11+75.00	88	12	54
TOTAL		115	32
USE		115	30

(@ 25% SHRINKAGE)

GUARDRAIL REMOVAL			
STATION TO STATION	SIDE	FOOT	
US 30			
691+72	692+22	LT	50
692+56	693+06	LT	50
TOTAL			100

STRONG POST GUARDRAIL ATTACHED TO CULVERT			
STATION TO STATION	SIDE	FOOT	
TR 154			
10+31.15	10+50.03	LT	25
10+31.57	10+50.07	RT	25
TOTAL			50

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS			
STATION TO STATION	SIDE	FOOT	
TR 154			
10+19.16	10+31.15	LT	50
10+20.90	10+31.57	RT	50
10+50.03	10+62.44	LT	12.5
10+50.07	10+62.44	RT	12.5
TOTAL			125

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT			
STATION TO STATION	SIDE	EACH	
TR 154			
10+62.44	11+12.44	LT	1
10+62.44	11+12.44	RT	1
TOTAL			2

MODEL: I:\MODEL\MMF5  
FILE NAME: V:\B345.11 - Crego Road over Trib to Semonsuk Creek - RTB19A023 (RDOT D-3)\CADD\CADD\_Sheets\66824-1-1-1-schedule.dgn

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	DRAWN - MMO	REVISED - _____
PLOT SCALE = 2,000' / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 6/6/2022	REVISED - _____

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

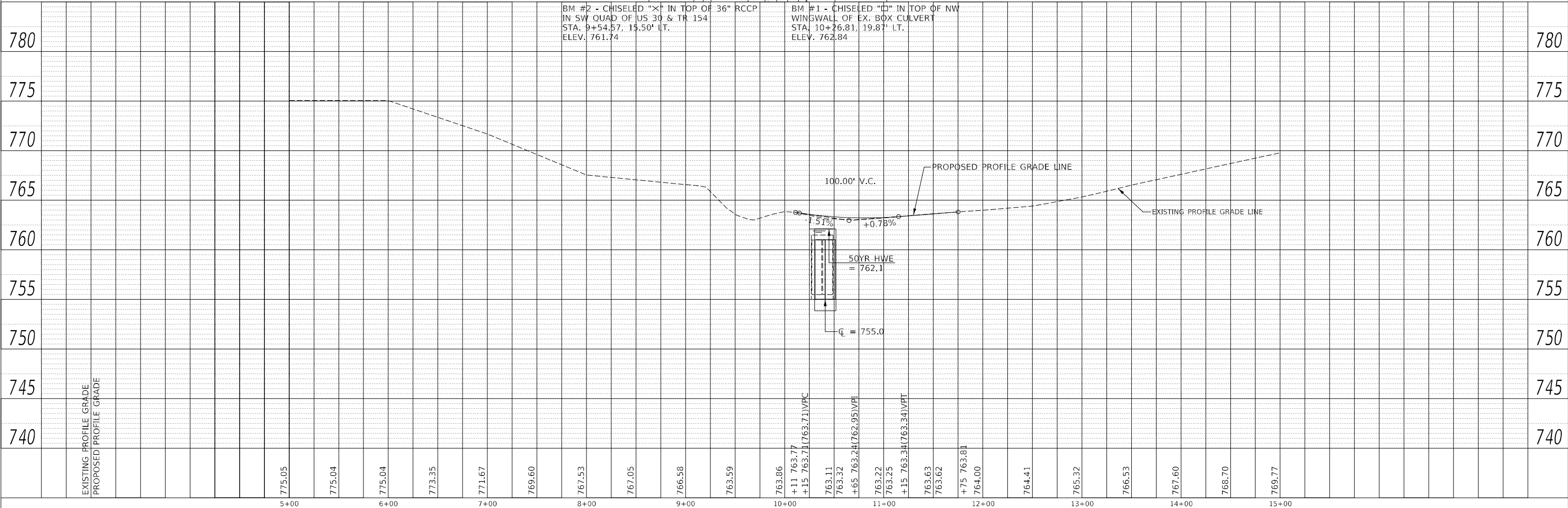
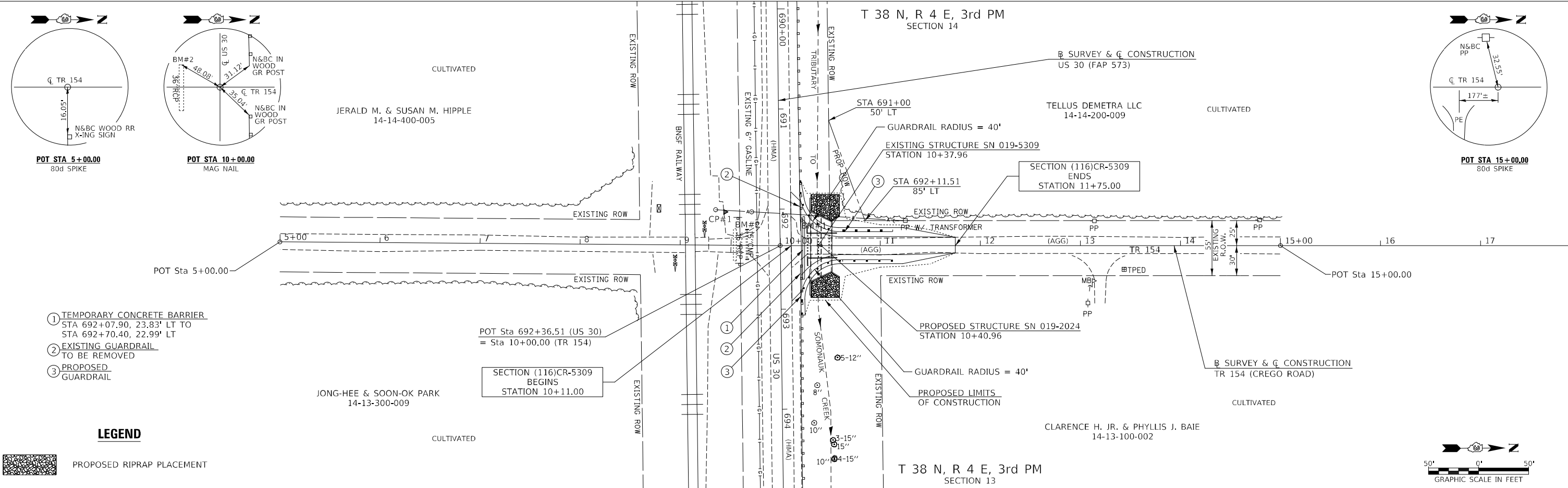
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RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	8
CONTRACT NO. 66824				
ILLINOIS FED. AID PROJECT NO. XQMP1661				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	NO.
	CHECKED	
	FILED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	NO.
	CHECKED	
	FILED	
	FILE NAME	
	NO.	

MODEL: \$MODELNAME\$  
 FILE NAME: V:\184514 - Crego Road over Trib to Sumnerauk Creek - TR15 (CR15) - CREGO ROAD - TR 154.dgn



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	DRAWN - MMO	REVISIONS -
PLOT SCALE = 100,0000' / in.	CHECKED - BMB	REVISIONS -
PLOT DATE = 9/15/2022	DATE - 6/13/2022	REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TR 154 (CREGO ROAD)  
 PLAN & PROFILE

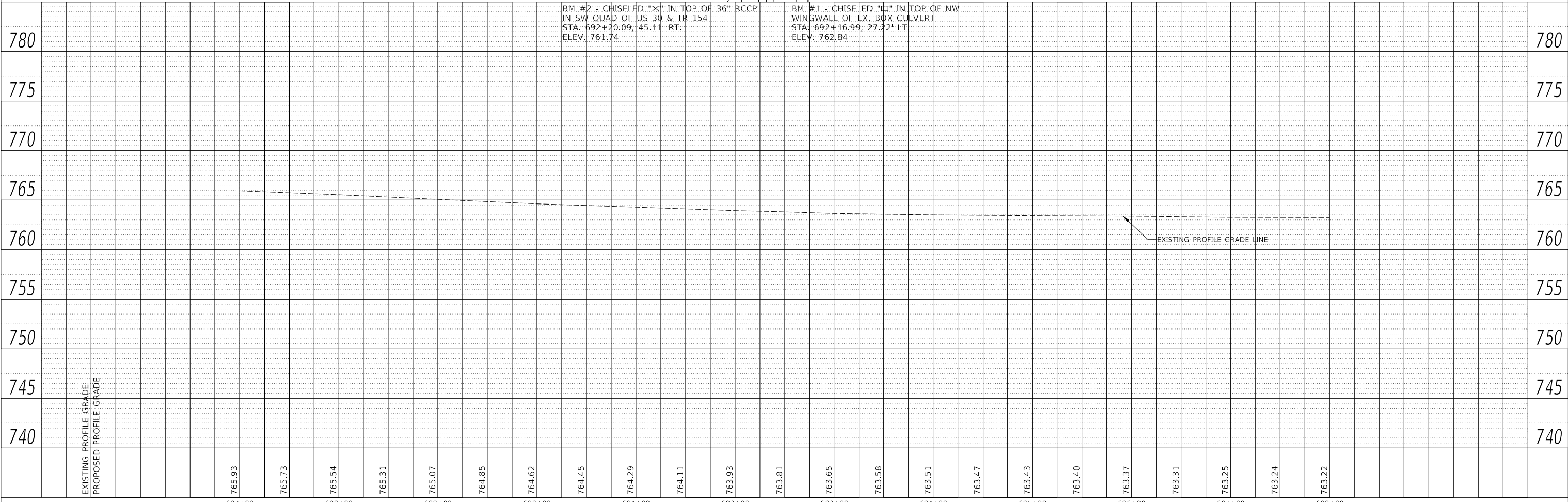
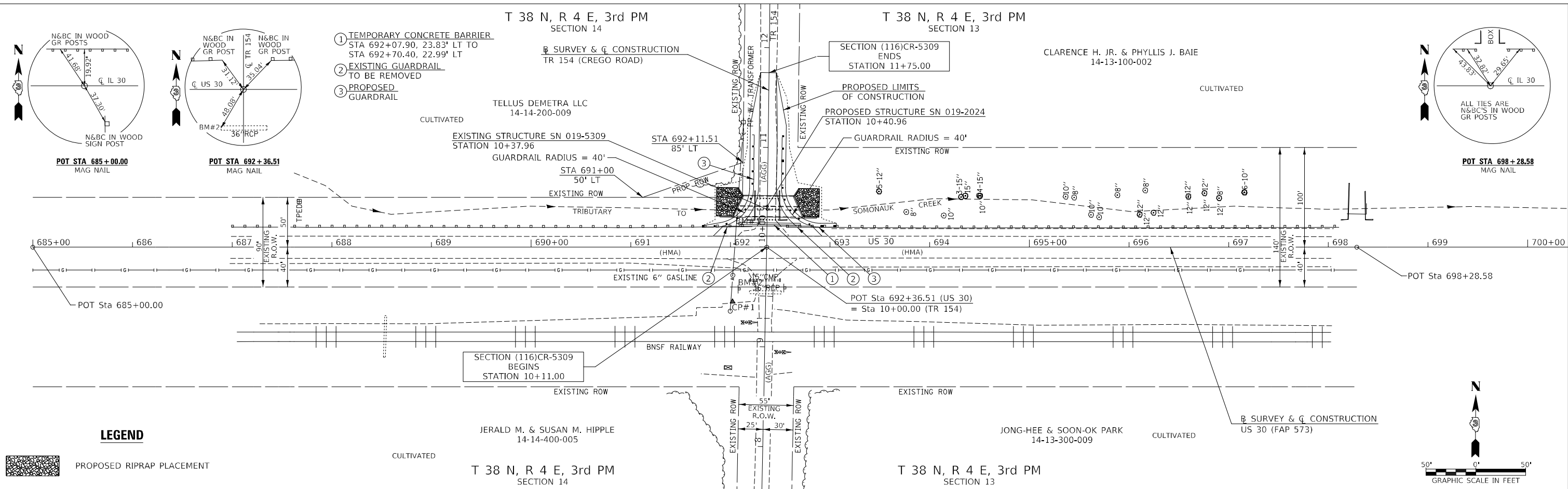
SCALE: 1"=50'  
 SHEET 1 OF 1 SHEETS  
 STA. 10+11.00 TO STA. 11+75.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	9
				CONTRACT NO. 66824
				ILLINOIS FED. AID PROJECT NO. XQMPI661

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	FILED	DATE
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATIONS
	NO.	

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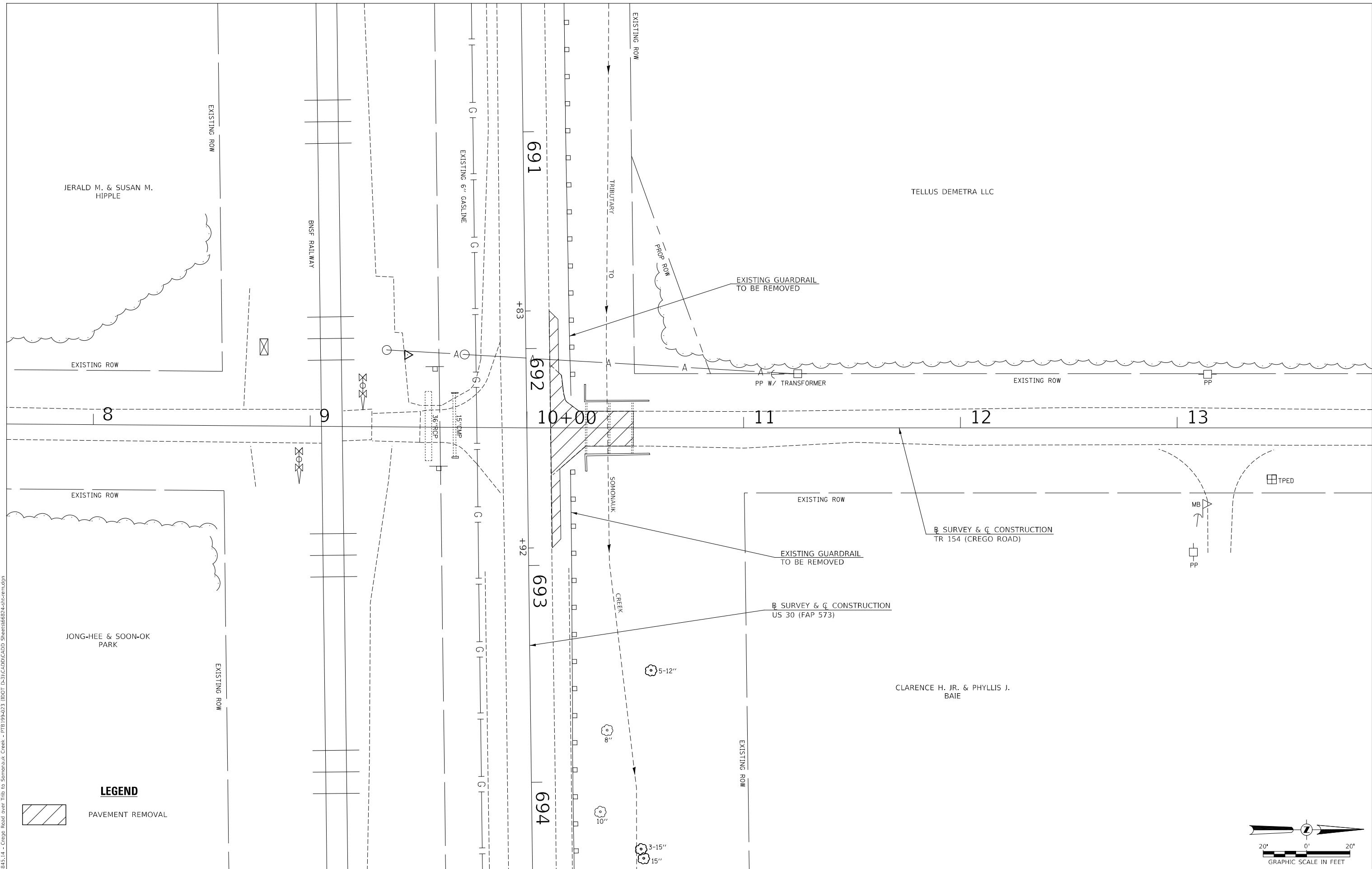
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	DRAWN - MMO	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - BMB	REVISED -
PLOT DATE = 9/15/2022	DATE - 6/13/2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**US HIGHWAY 30**  
**PLAN & PROFILE**  
 SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 691+72.00 TO STA. 693+06.00

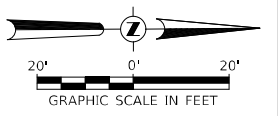
F.A.P. RTE. 573	SECTION (116)CR-5309	COUNTY DEKALB	TOTAL SHEETS 24	SHEET NO. 10
CONTRACT NO. 66824				ILLINOIS FED. AID PROJECT NO. XQMP661

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**LEGEND**

 PAVEMENT REMOVAL



USER NAME = BNeibel	DESIGNED - MMO	REVISED -
DRAWN - MMO	REVISOR -	
PLOT SCALE = 40,0000 * / in.	CHECKED - BMB	REVISED -
PLOT DATE = 9/15/2022	DATE - 6/8/2022	REVISED -

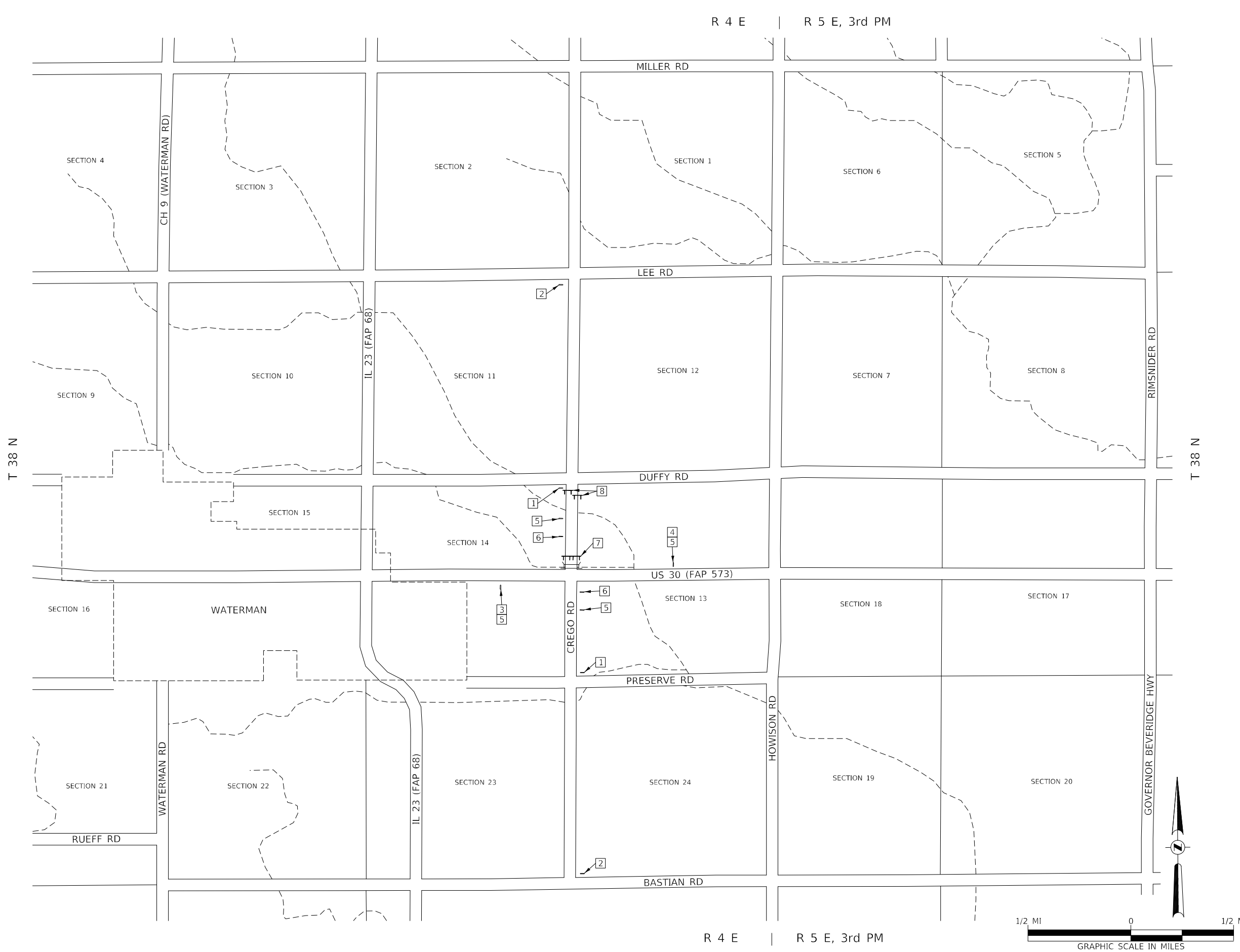
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN**

SCALE: 1"=20'    SHEET 1 OF 1 SHEETS    STA. 10+11.00 TO STA. 11+75.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	11
CONTRACT NO. 66824				
ILLINOIS FED. AID PROJECT NO. XQMP(661)				





1 ROAD CLOSED  
1/2 MILE AHEAD  
LOCAL TRAFFIC ONLY  
R11-3

ROAD CLOSED  
1/2 MILE AHEAD  
LOCAL TRAFFIC ONLY

2 ROAD CLOSED  
1 1/2 MILES AHEAD  
LOCAL TRAFFIC ONLY  
R11-3

ROAD CLOSED  
1 1/2 MILES AHEAD  
LOCAL TRAFFIC ONLY

3 M6-1(L)  
(BLACK ON FLUORESCENT  
ORANGE)

DIRECTIONAL  
ARROW

4 M6-1(R)  
(BLACK ON FLUORESCENT  
ORANGE)

DIRECTIONAL  
ARROW

5 ROAD CLOSED  
AHEAD

ROAD CLOSED  
AHEAD

6 ROAD CLOSED  
500 FT

ROAD CLOSED  
500 FT

7 TYPE III BARRICADES

TYPE III BARRICADES

8 TYPE III BARRICADES  
(STAGGERED)

TYPE III BARRICADES  
(STAGGERED)

SEE STANDARD BLR 21, BLR 22,  
AND SPECIAL PROVISIONS

MODEL: \\MOBILE\NAME5  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN**

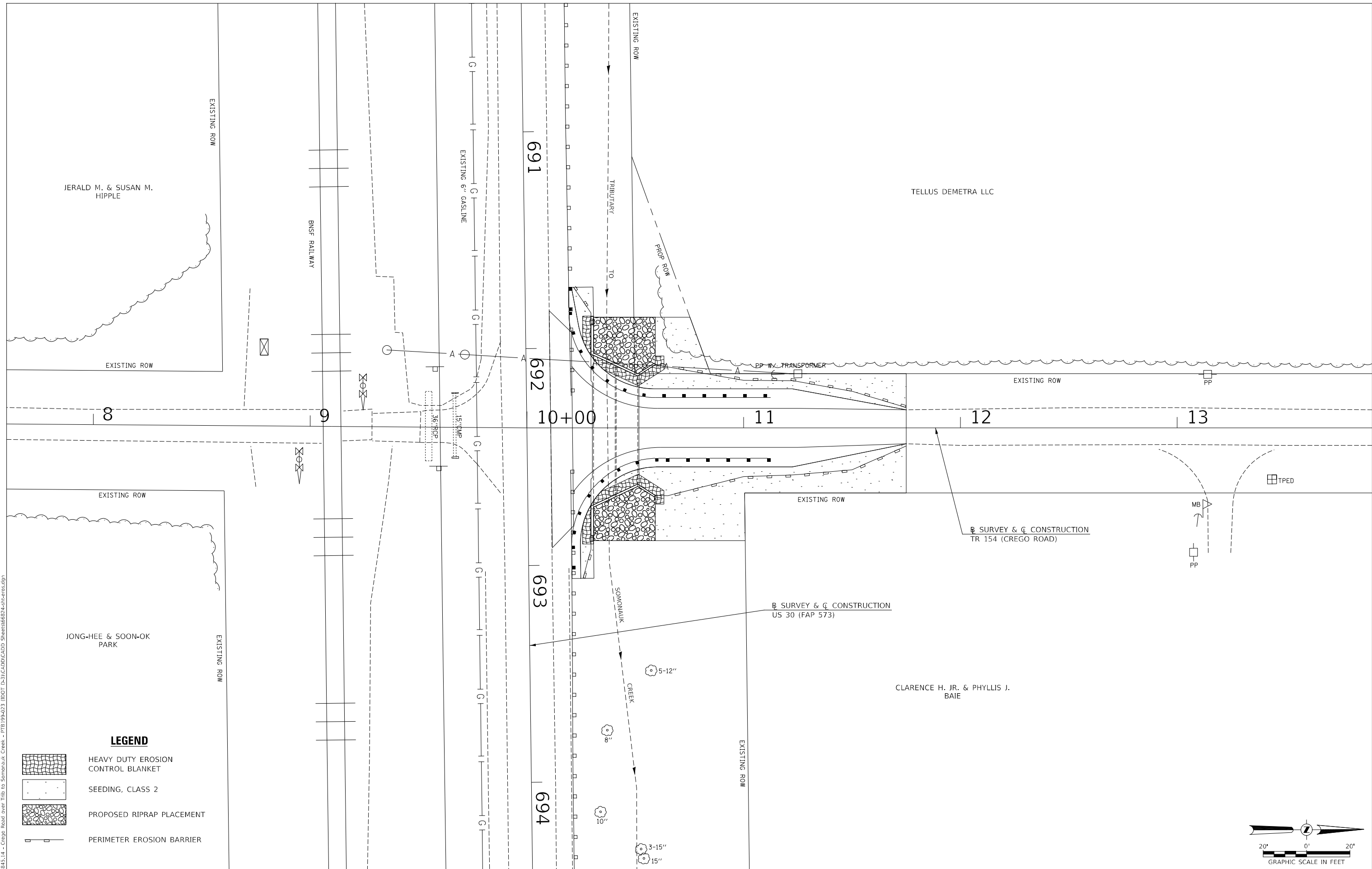
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DRAWN - MMO	REVISOR -	
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PLOT DATE = 9/15/2022	DATE - 6/6/2022	REVISOR -

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.



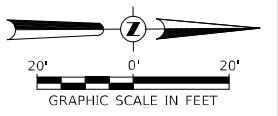
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	12
CONTRACT NO. 66824				
ILLINOIS FED. AID PROJECT NO. XQMP1661				

MODEL: \\MOBILE\NAMES  
 FILE NAME: V:\154345.14 - Crego Road over Trlb to Somonsuk Creek - FTB\19A\033 (IDOT D-3)\CADD\CADD\_Sheets\66824\13-cr03.dgn



**LEGEND**

	HEAVY DUTY EROSION CONTROL BLANKET
	SEEDING, CLASS 2
	PROPOSED RIPRAP PLACEMENT
	PERIMETER EROSION BARRIER



USER NAME = BNeibel	DESIGNED - MMO	REVISED -
DRAWN - MMO	REVISOR -	
PLOT SCALE = 40,0000' / in.	CHECKED - BMB	REVISOR -
PLOT DATE = 9/15/2022	DATE - 6/8/2022	REVISOR -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

SCALE: 1"=20'      SHEET 1 OF 1 SHEETS      STA. 10+11.00 TO STA. 11+75.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	13
CONTRACT NO. 66824				
ILLINOIS FED. AID PROJECT NO. XQMP1661				

B.M.: Chis. "□" in top of NW Wingwall of Ex. Box Culvert Sta. 692+16.99, 27.22' LT Elev. 762.84  
 Chis. "X" in top of 36" RCCP in SW Quad of US 30 & TR 154 Sta. 692+20.09, 45.11' RT Elev. 761.74

**Existing Structure:**

Structure No. 019-5309 was built in 1929 as S.B.I. Rte. 71, Section 116. The existing structure is a double 10'-0" x 5'-6" reinforced concrete box culvert. The culvert is 25'-8" in length and is not skewed.

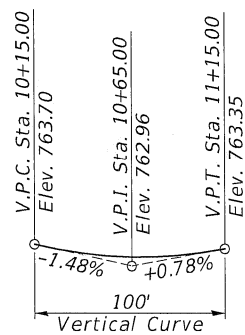
Road to be closed during construction.

Salvage: None

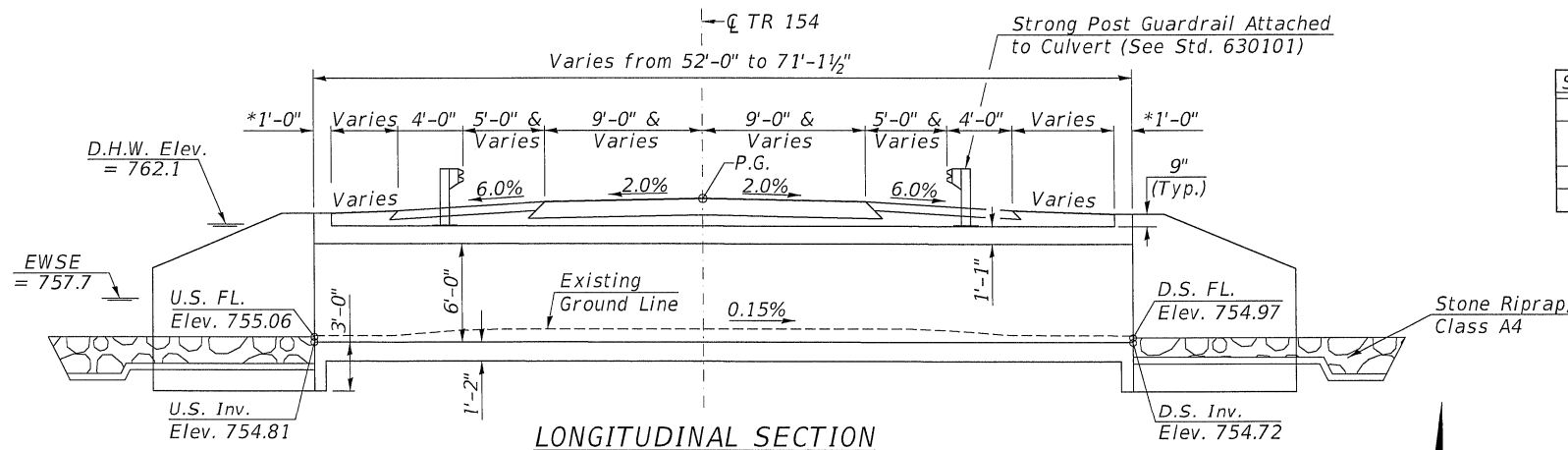
TRIBUTARY TO SOMONAUK CREEK BUILT 202 BY STATE OF ILLINOIS SEC. (116)CR-5309 T.R. 154 STATION 10+40.96 STR. NO. 019-2024 LOADING HL-93

**NAME PLATE**

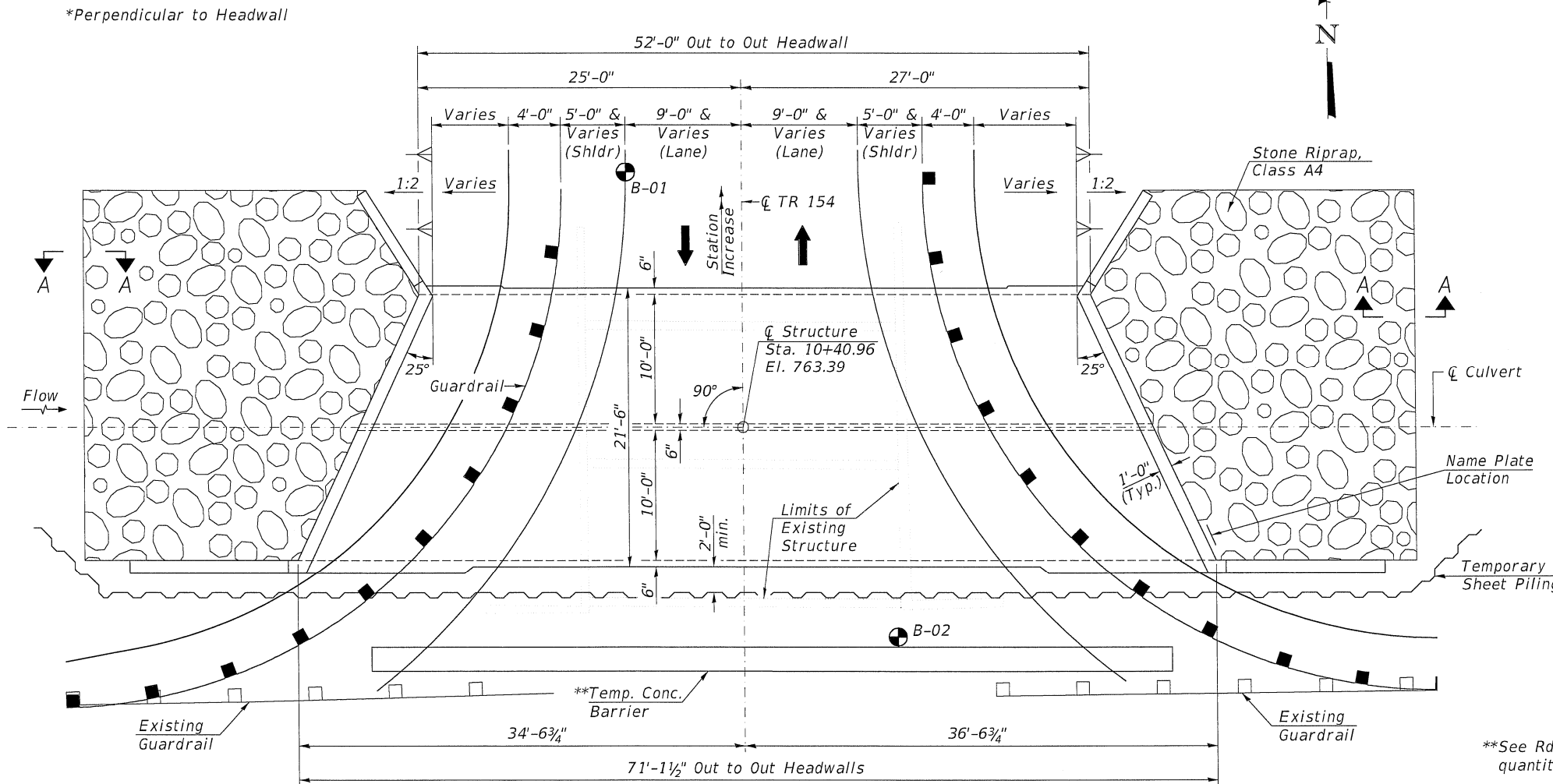
Locate Name Plate at East Headwall S.E. Corner of Culvert (See Std. 515001)



**PROFILE GRADE**  
(Along  $\bar{C}$  TR 154)



**LONGITUDINAL SECTION**



**PLAN**

**WATERWAY INFORMATION**

Drainage Area = 6.5 Sq. Mi.		Existing Overtopping Elev. = 763.11 @ Sta. 10+50.00		Proposed Overtopping Elev. = 763.20 @ Sta. 10+87.00		
Flood	Freq. Yr.	Discharge C.F.S.	Opening Sq. ft.	Nat. H.W.E. ft.	Head - ft.	Headwater Elev. - ft.
			Exist. Prop.	Exist. Prop.	Exist. Prop.	Exist. Prop.
Ten-Year	10	591	110 120	761.5 761.9	0.3 0.3	761.9 761.8
Local Road Design	15	655	110 120	761.7 762.3	0.6 0.5	762.3 762.1
Design Base	50	885	110 120	762.1 762.3	1.6 1.9	763.7 764.1
Overtopping IL 30	100	1,000	110 120	762.3 762.3	1.8 1.8	764.1 764.0
Overtopping Crego Rd	60	950	110 120	762.3 762.2	1.8 1.4	764.1 763.4
Overtopping Max. Calc.	40	820	110 120	762.2 762.8	1.4 2.4	763.6 765.0
	500	1,280	110 120	762.8 762.8	2.4 2.2	765.2 765.0

10-Year Velocity through Existing Structure = 5.4 ft/s  
 10-Year Velocity through Proposed Structure = 4.9 ft/s

**DESIGN SPECIFICATIONS**

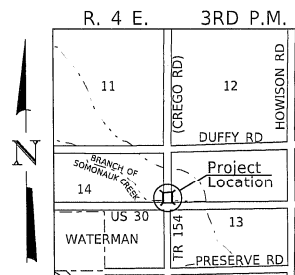
2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

**DESIGN STRESSES**

(FIELD UNITS)  
 $f'_c = 3,500$  p.s.i.  
 $f_y = 60,000$  p.s.i. (Rein.)

**LOADING HL-93**

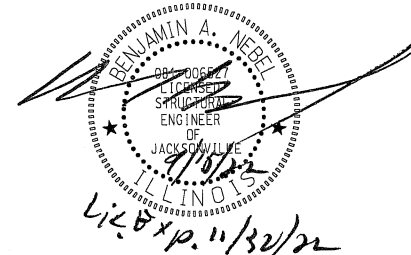
Allow 50#/sq. ft. for future wearing surface.



**LOCATION SKETCH**

**INDEX OF SHEETS**

SH. #'s	DESCRIPTION
1	General Plan & Elevation
2	Bill of Material, Details, & General Notes
3-4	Culvert Details
5	Soil Borings



\*\*See Rdw. Plans for location and quantity of Temp. Conc. Barrier.

**APPROVED**  
 For Structural Adequacy Only  
 Jay F. Adkins  
 Engineer of Bridges & Structures

**GENERAL PLAN & ELEVATION**  
**TR 154 (CREGO ROAD) OVER**  
**BRANCH OF SOMONAUK CREEK**  
**SEC. (116)CR-5309**  
**DEKALB COUNTY**  
**STATION 10+40.96**  
**STRUCTURE NO. 019-2024**

Hutchinson Engineering, Inc.

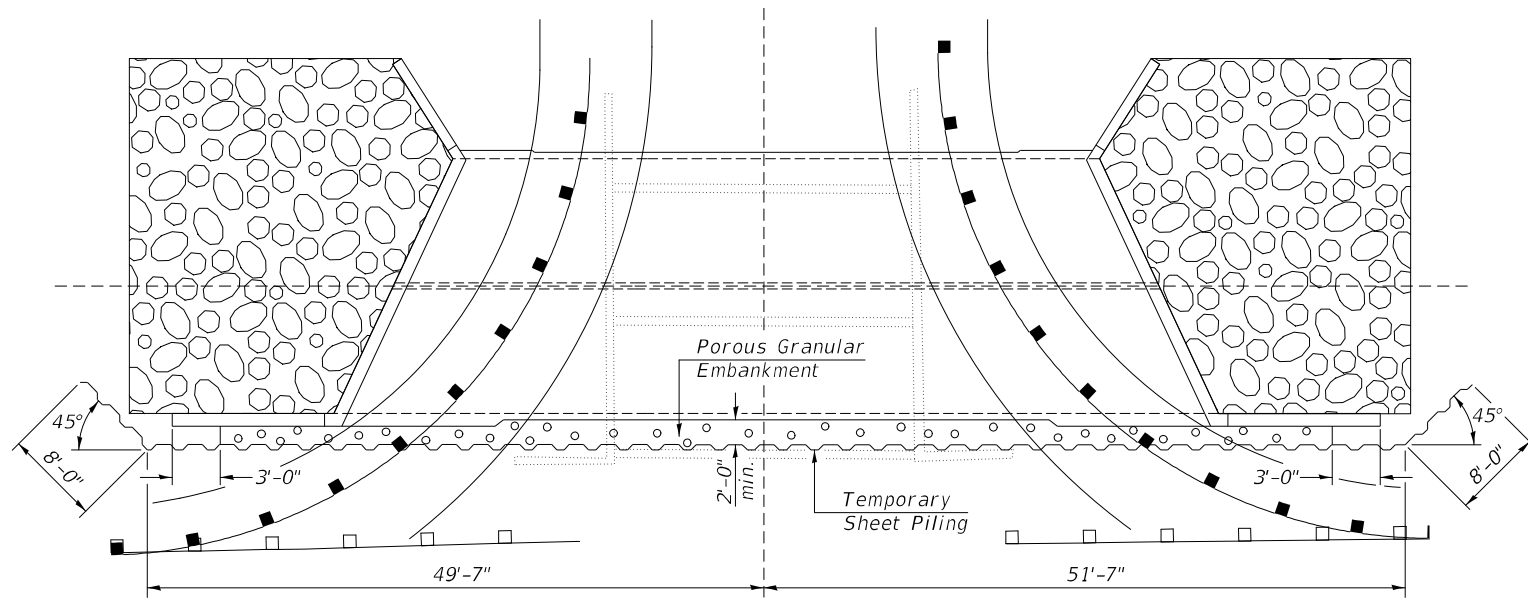
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PLOT DATE = 9/15/2022	CHECKED - ZL/BAN	REVISED -
	DATE - 6/13/2022	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

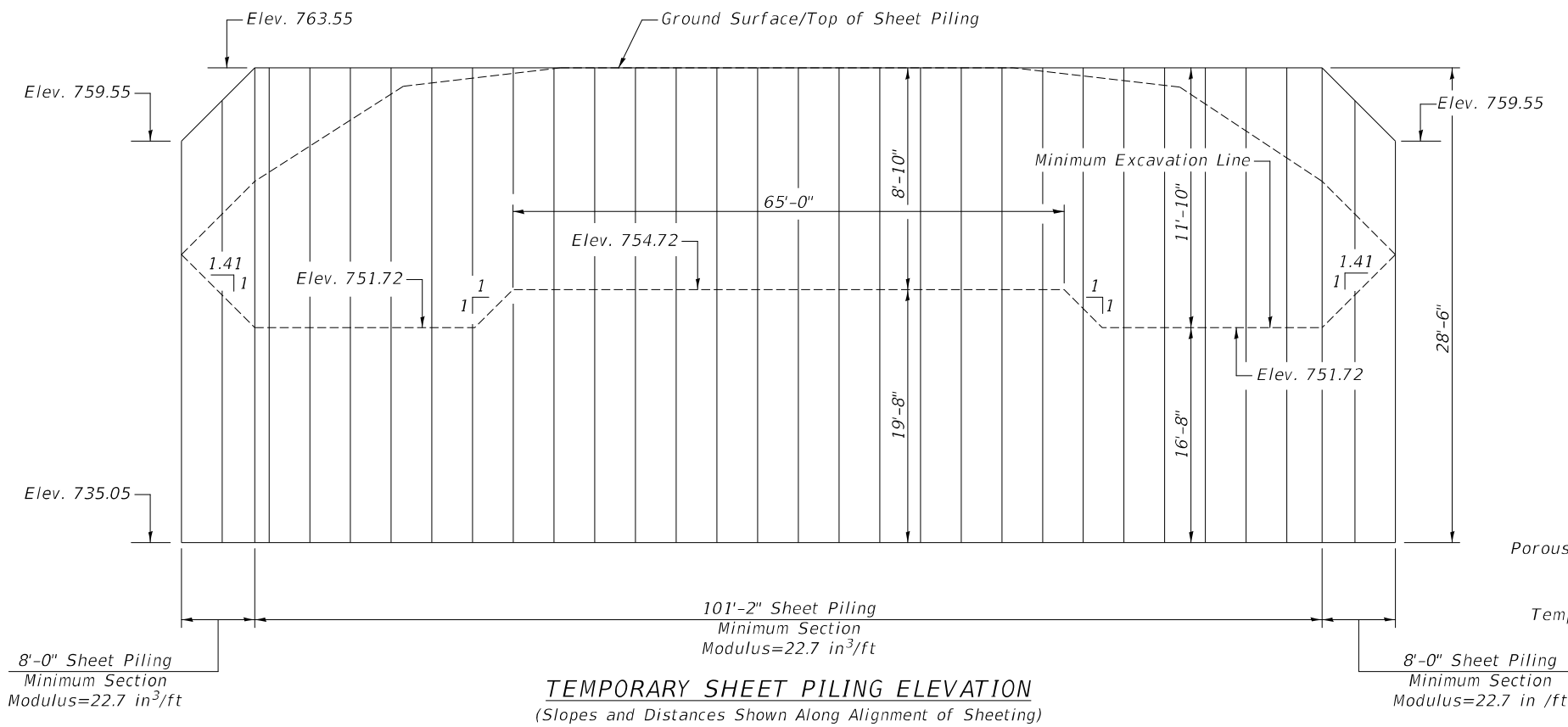
**GENERAL PLAN & ELEVATION**

SHEET NO. 1 OF 5 SHEETS STA. TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	14
S.N. 019-2024		CONTRACT NO. 66824		
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJ. NO. XQMP(661)		



TEMPORARY SHEET PILING PLAN



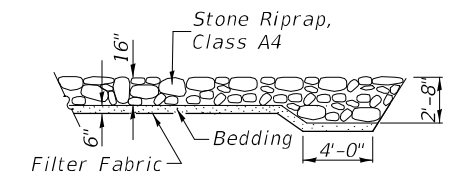
TEMPORARY SHEET PILING ELEVATION  
(Slopes and Distances Shown Along Alignment of Sheet Piling)

**GENERAL NOTES**

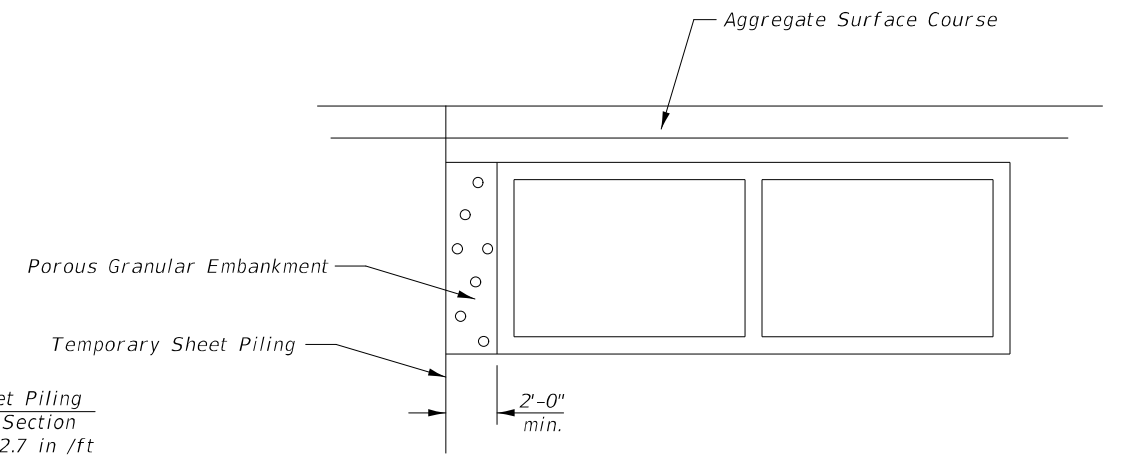
Precast culvert option will not be allowed.  
 Exposed concrete edges shall have a 3/4" chamfer unless otherwise noted.  
 Layout of the stone riprap/slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.  
 A distance of half the length of the wingwall, but not less than 6 feet of the barrel shall be poured monolithically with the wingwall.  
 For backfilling and embankment, see Standard Specifications.  
 Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.  
 The design fill heights for this box are 1.66 ft max. and 1.25 ft min.  
 Reinforcement Bars designated (E) shall be epoxy coated.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Porous Granular Embankment	CU YD	54.7
Stone Riprap, Class A4	SQ YD	135
Filter Fabric	SQ YD	135
Removal of Existing Structures	EACH	1
Reinforcement Bars, Epoxy Coated	POUND	27,580
Name Plates	EACH	1
Temporary Sheet Piling	SQ FT	3,307
Concrete Box Culverts	CU YD	156.4
Geocomposite Wall Drain	SQ YD	157
Strong Post Guardrail Attached to Culvert	FOOT	50
Membrane Waterproofing System for Buried Structures	SQ YD	157



SECTION A-A



POROUS GRANULAR EMBANKMENT DETAIL  
Looking West (Upstream)

**Sheet Piling 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.

MODEL: \$MODELNAME\$  
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 2022

**Hutchison Engineering, Inc.**  
 JACKSONVILLE-SHOREWOOD  
 PEORIA-QUAD CITIES-CARBONDALE  
 2022 JOB#4845.14

USER NAME = BNeibel	DESIGNED - MMO	REVISED -
PLOT SCALE =	DRAWN - MMO	REVISED -
PLOT DATE = 9/15/2022	CHECKED - ZL/BAN	REVISED -
	DATE - 6/13/2022	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

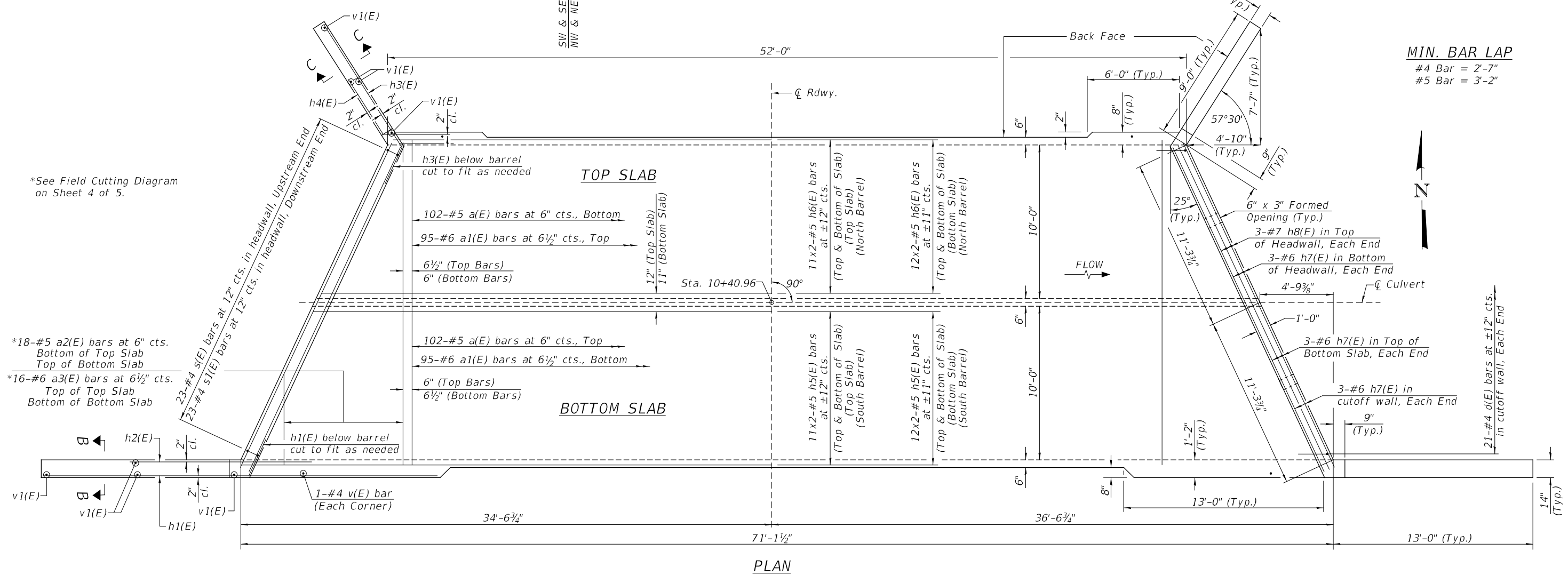
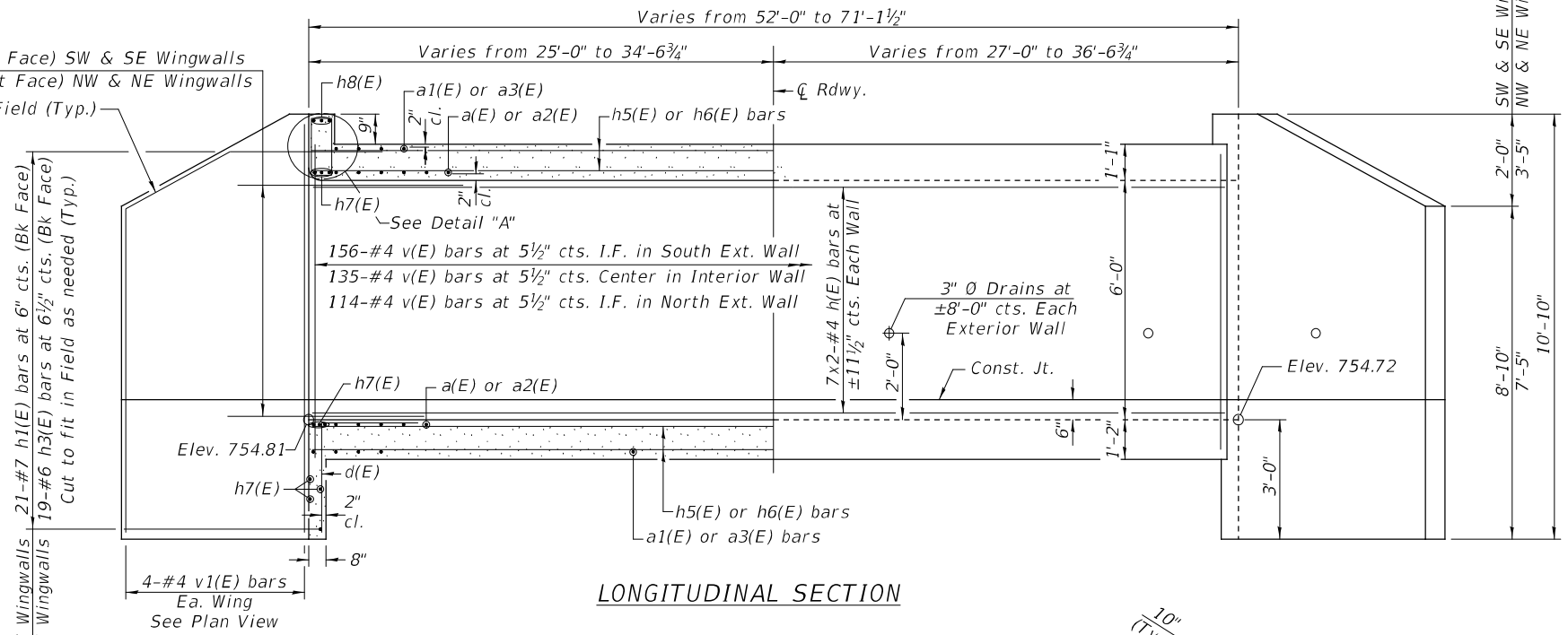
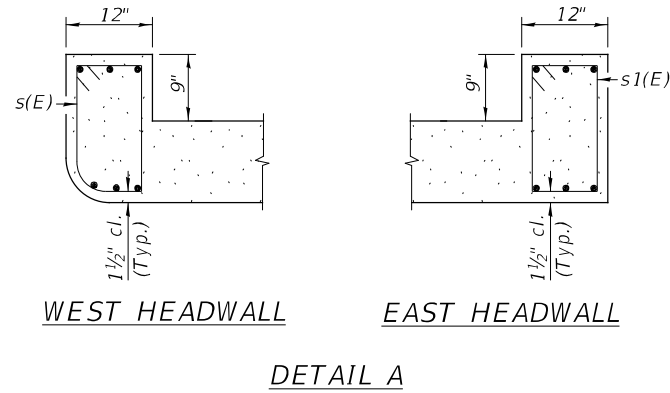
**BILL OF MATERIAL, DETAILS, & GENERAL NOTES**

SHEET NO. 2 OF 5 SHEETS STA. TO STA.

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	15
S.N. 019-2024		CONTRACT NO. 66824		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJ. NO. XQMP(661)		

Notes:  
I.F. = Inner Face

14-#7 h2(E) bars at ±6" cts. (Front Face) SW & SE Wingwalls  
13-#6 h4(E) bars at ±6½" cts. (Front Face) NW & NE Wingwalls  
Bend in Field (Typ.)



MIN. BAR LAP  
#4 Bar = 2'-7"  
#5 Bar = 3'-2"

\*See Field Cutting Diagram on Sheet 4 of 5.

\*18-#5 a2(E) bars at 6" cts. Bottom of Top Slab Top of Bottom Slab  
\*16-#6 a3(E) bars at 6½" cts. Top of Top Slab Bottom of Bottom Slab

MODEL: \$MODELNAME\$ FILE NAME: V:\19141314 - Crego Road over Trib to Sumnerauk Creek - FR1914-023 (IBOT-D-3)CADD\CADD Sheets\1914-023-1-68824-003-CULVERT DETAIL 5 1.dgn

**Hutchison Engineering, Inc.**  
JACKSONVILLE-SHOREWOOD  
PEORIA-QUAD CITIES-CARBONDALE

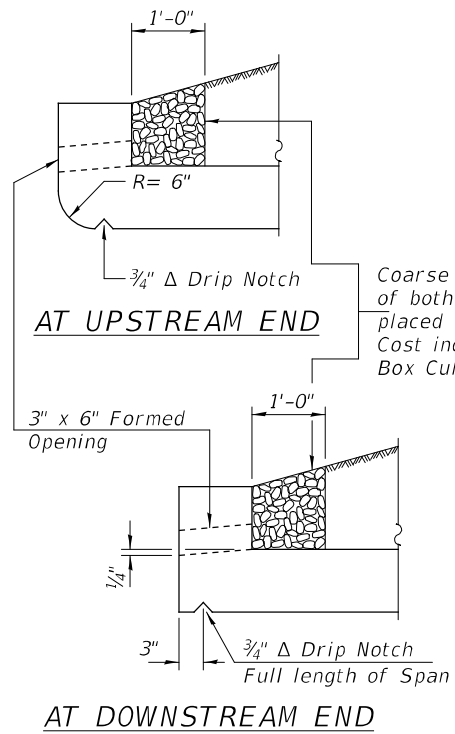
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PLOT SCALE =	DRAWN - MMO	REVISED -
PLOT DATE = 9/15/2022	CHECKED - ZL/BAN	REVISED -
	DATE - 6/13/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

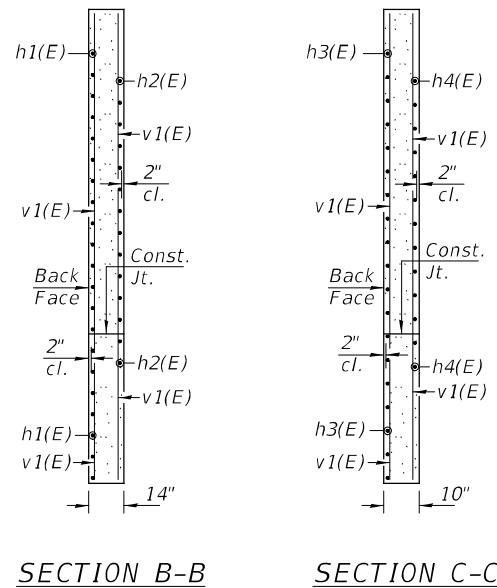
**CULVERT DETAILS**

SHEET NO. 3 OF 5 SHEETS STA. TO STA.

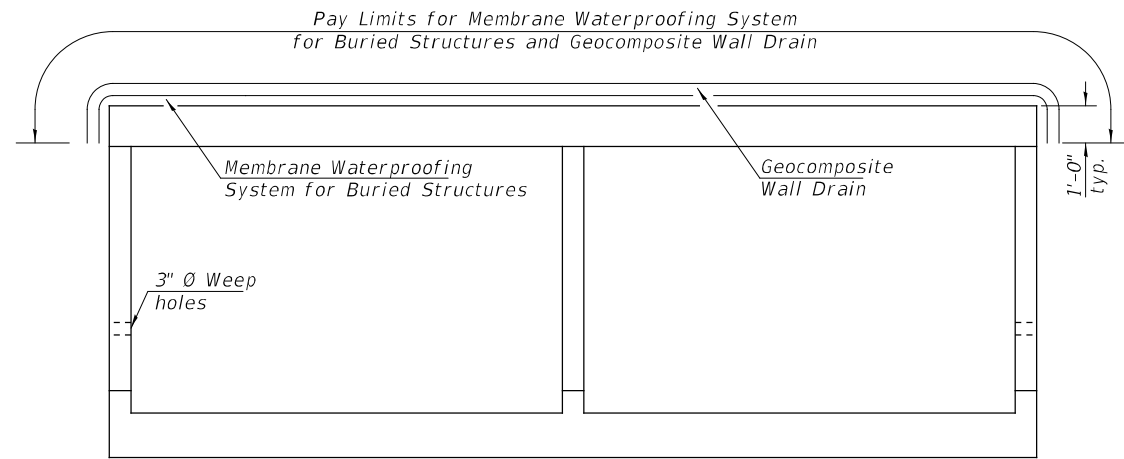
RT. TR 154	SECTION (116)CR-5309	COUNTY DEKALB	TOTAL SHEETS 24	SHEET NO. 16
S.N. 019-2024		CONTRACT NO. 66824		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJ. NO. XQMP(66)1		



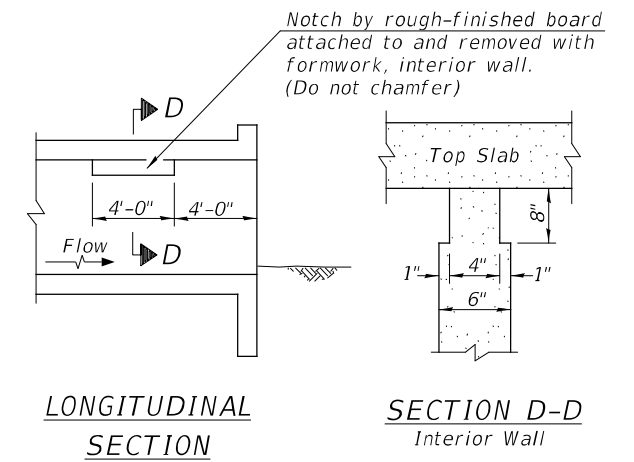
AT UPSTREAM END  
AT DOWNSTREAM END  
DRAIN DETAIL



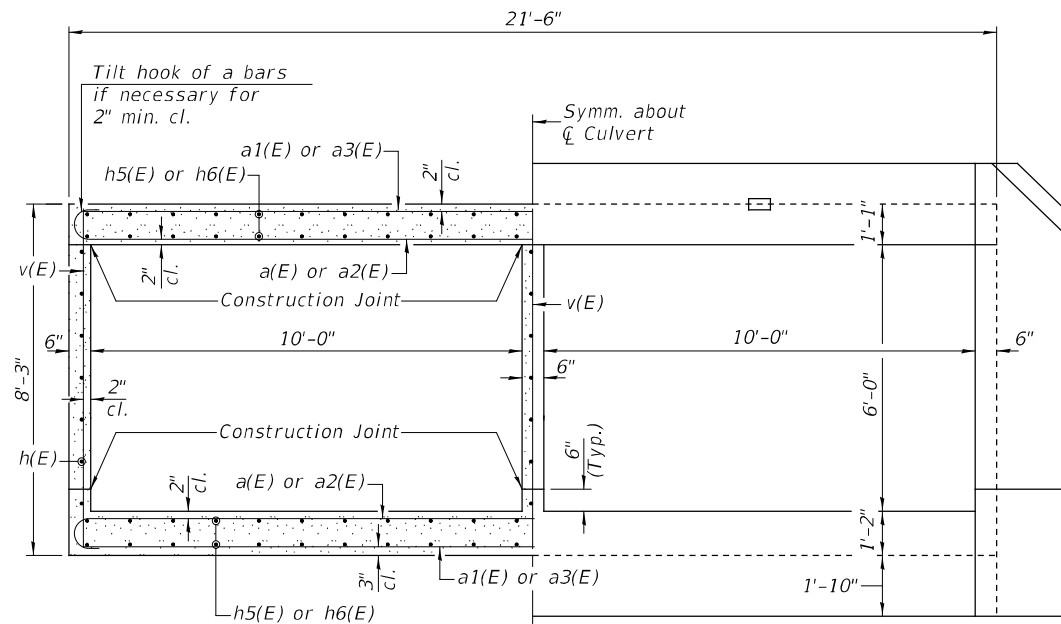
SECTION B-B SECTION C-C



MEMBRANE WATERPROOFING FOR BURIED STRUCTURES AND GEOCOMPOSITE WALL DRAIN DETAIL



PHOEBE NESTING SITE DETAIL  
(Downstream End Only - Cost included with Concrete Box Culverts)



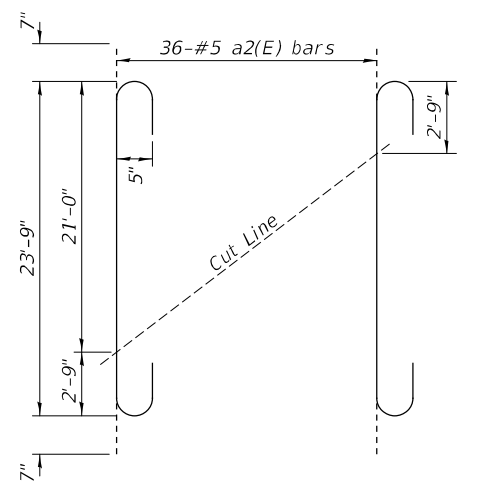
HALF SECTION THRU BARREL  
Showing Reinforcement

HALF END ELEVATION  
Showing Dimensions

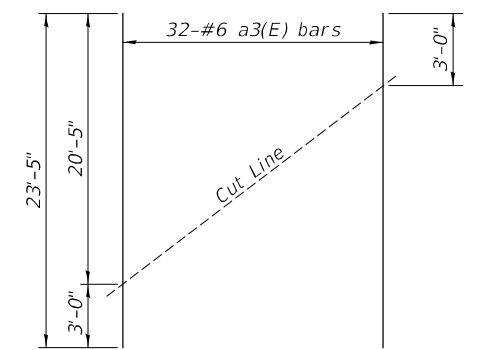
MIN. BAR LAP  
#4 Bar = 2'-7"  
#5 Bar = 3'-2"

BILL OF MATERIAL

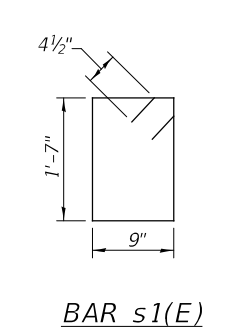
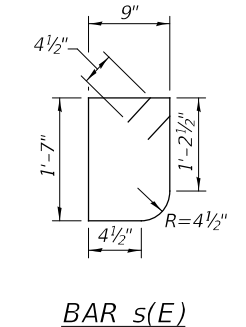
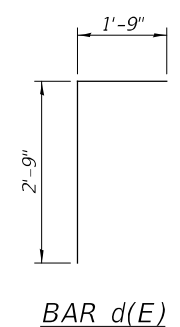
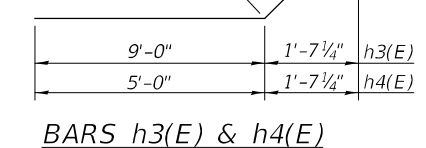
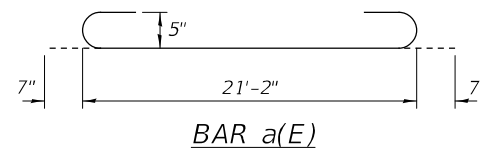
BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	204	#5	22'-4"	U
a1(E)	190	#6	21'-2"	—
a2(E)	36	#5	24'-11"	U
a3(E)	32	#6	23'-5"	—
d(E)	42	#4	4'-6"	L
h(E)	42	#4	36'-9"	—
h1(E)	42	#7	25'-6"	—
h2(E)	28	#7	8'-0"	—
h3(E)	38	#6	12'-0"	L
h4(E)	26	#6	8'-0"	L
h5(E)	92	#5	37'-2"	—
h6(E)	92	#5	32'-0"	—
h7(E)	18	#6	22'-10"	—
h8(E)	6	#7	22'-10"	—
s(E)	23	#4	5'-3"	D
s1(E)	23	#4	5'-5"	D
v(E)	409	#4	7'-9"	—
v1(E)	16	#4	10'-5"	—
Concrete Box Culverts	CU YD		156.4	
Reinforcement Bars, Epoxy Coated	POUND		27,580	



FIELD CUTTING DIAGRAM - a2(E)  
Order a2(E) bars full length. Cut as shown and use remainder of bars in opposite end of culvert.



FIELD CUTTING DIAGRAM - a3(E)  
Order a3(E) bars full length. Cut as shown and use remainder of bars in opposite end of culvert.



MODEL: \$MODELNAME\$ FILE NAME: V:\191414 - Craig Road over Trib to Summerauk Creek - FFB1914-023 (DOT D-3)(CADD)CAD Sheets\01914-6874-004-CULVERT DETAIL 5 2.dgn

Hutchison Engineering, Inc.  
JACKSONVILLE-SHOREWOOD  
PEORIA-QUAD CITIES-CARBONDALE

USER NAME = BNeibel	DESIGNED - MMO	REVISED -
PLOT SCALE =	DRAWN - MMO	REVISED -
PLOT DATE = 9/15/2022	CHECKED - ZL/BAN	REVISED -
	DATE - 6/13/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS

SHEET NO. 4 OF 5 SHEETS STA. TO STA.

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	17
S.N. 019-2024		CONTRACT NO. 66824		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJ. NO. XQMP(661)		



SOIL BORING LOG

Date 3/26/09

ROUTE Crego Road (1100E) DESCRIPTION Crego Rd. over Branch of Somonauk Creek LOGGED BY LM

SECTION SEC 116I LOCATION West 1/2, SEC. 13, TWP. 38N, RNG. 4E, 3<sup>rd</sup> PM

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

Table with columns for STRUCT. NO., BORING NO., Ground Surface Elev., and soil layers with depth, blow count, and SPT values.

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

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Date 3/26/09

ROUTE Crego Road (1100E) DESCRIPTION Crego Rd. over Branch of Somonauk Creek LOGGED BY LM

SECTION SEC 116I LOCATION West 1/2, SEC. 13, TWP. 38N, RNG. 4E, 3<sup>rd</sup> PM

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

Table with columns for STRUCT. NO., BORING NO., Ground Surface Elev., and soil layers with depth, blow count, and SPT values.

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

BBS, from 137 (Rev. 8-99)

MODEL: \$MODELNAME\$ FILE NAME: V:\181414 - Crego Road over Trib to Somonauk Creek - 1100E.DWG\1100E.DWG

Hutchison Engineering, Inc. JACKSONVILLE-SHOREWOOD PEORIA-QUAD CITIES-CARBONDALE

Table with columns for USER NAME, DESIGNED, DRAWN, CHECKED, DATE, REVISED, PLOT SCALE, PLOT DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS

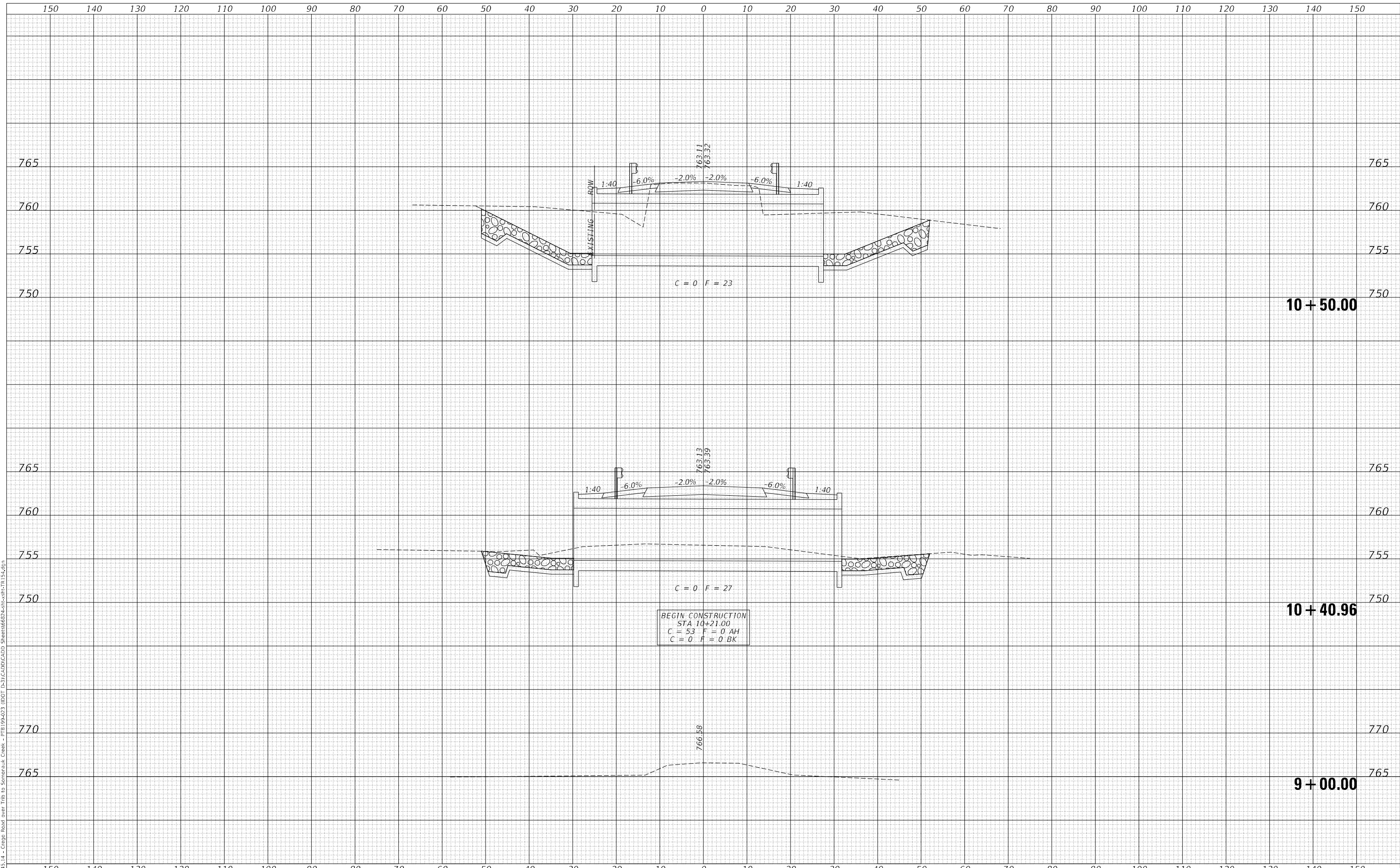
Table with columns for RTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO., FED. ROAD DIST. NO., ILLINOIS, FED. AID PROJ. NO.



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

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

MODEL: \$MODELNAME\$  
 FILE NAME: V:\19437\_14 - Crego Road over Trib to Somersauk Creek - T1B19437-14.DWG  
 D:\DOT D-3\CADD\CADD Sheets\6824\sh-cs\tr-15.dwg



USER NAME = BNeibel	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 20,0000' / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 6/6/2022	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TR 154 (CREGO ROAD)  
 CROSS SECTIONS**

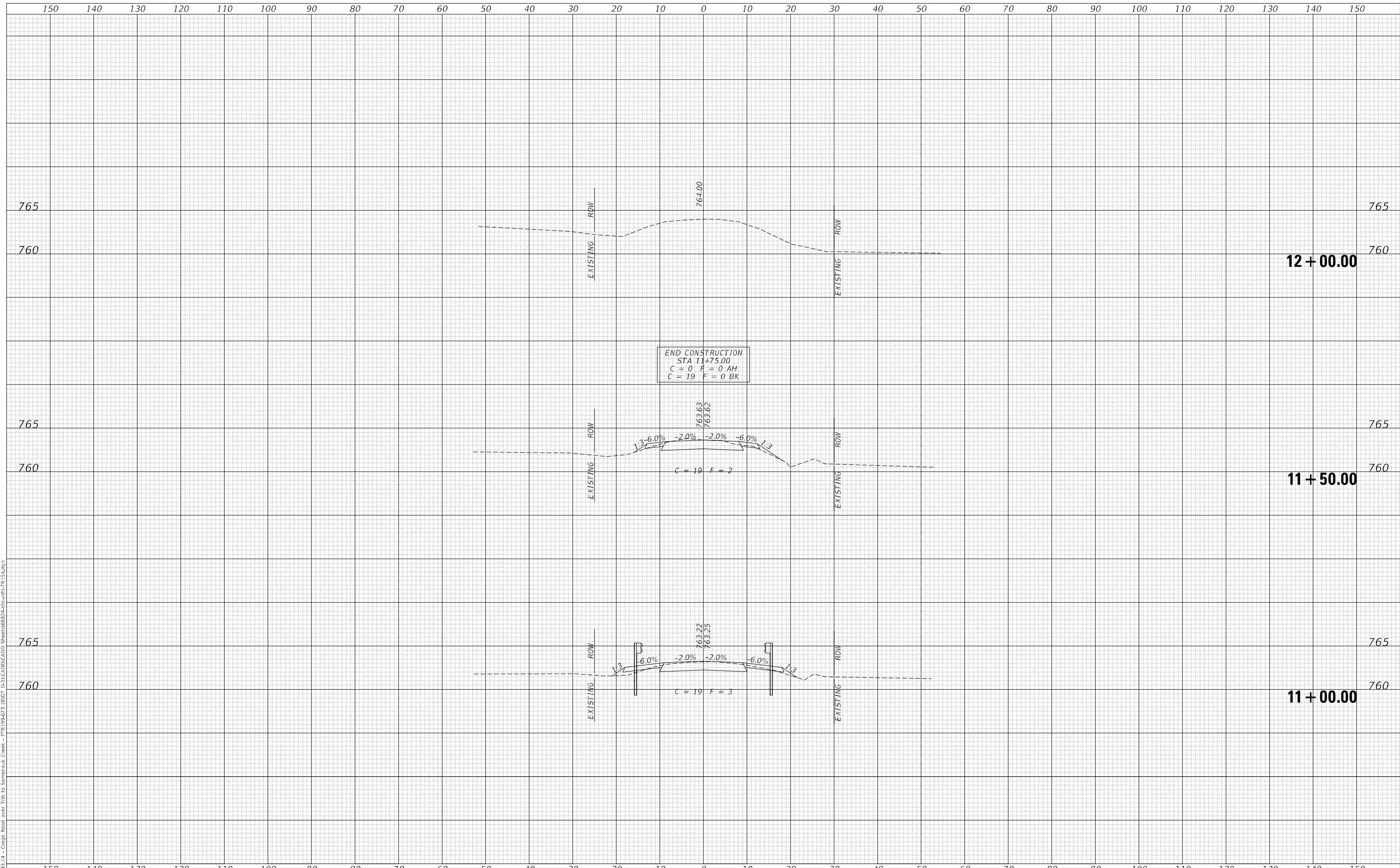
SCALE: \_\_\_\_\_ SHEET 1 OF 2 SHEETS STA. 9+00.00 TO STA. 10+50.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	19
				CONTRACT NO. 66824
		ILLINOIS	FED. AID PROJECT NO. XQMPI661	

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

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

MODEL: \$MODELNAME\$  
 FILE NAME: V:\19437\_14 - Crego Road over Trib to Sandrauk Creek - TR 154.dgn



USER NAME = BNeibel	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 20,0000' / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 6/6/2022	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TR 154 (CREGO ROAD)  
 CROSS SECTIONS**

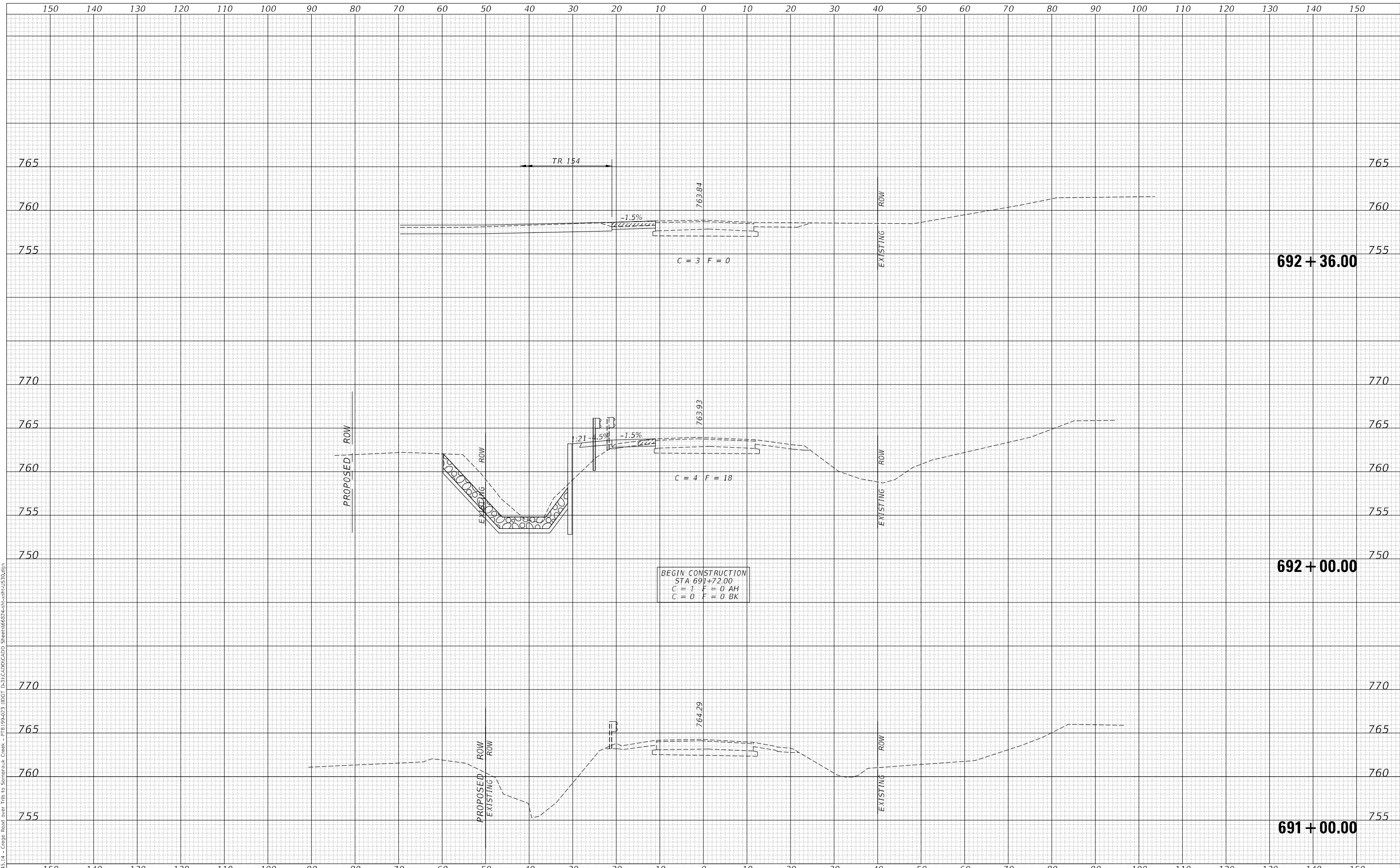
SCALE: \_\_\_\_\_ SHEET 2 OF 2 SHEETS STA. 11+00.00 TO STA. 12+00.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	20
			CONTRACT NO. 66824	
		ILLINOIS	FED. AID PROJECT NO. XQMPI661	

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

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

MODEL: \$MODELNAME\$  
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USER NAME	= BNeibel
DESIGNED	- MMO
DRAWN	- MMO
PLLOT SCALE	= 20,0000 * / in.
PLLOT DATE	= 9/15/2022

REVISIED	-
REVISIED	-
REVISIED	-
REVISIED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US HIGHWAY 30  
 CROSS SECTIONS**

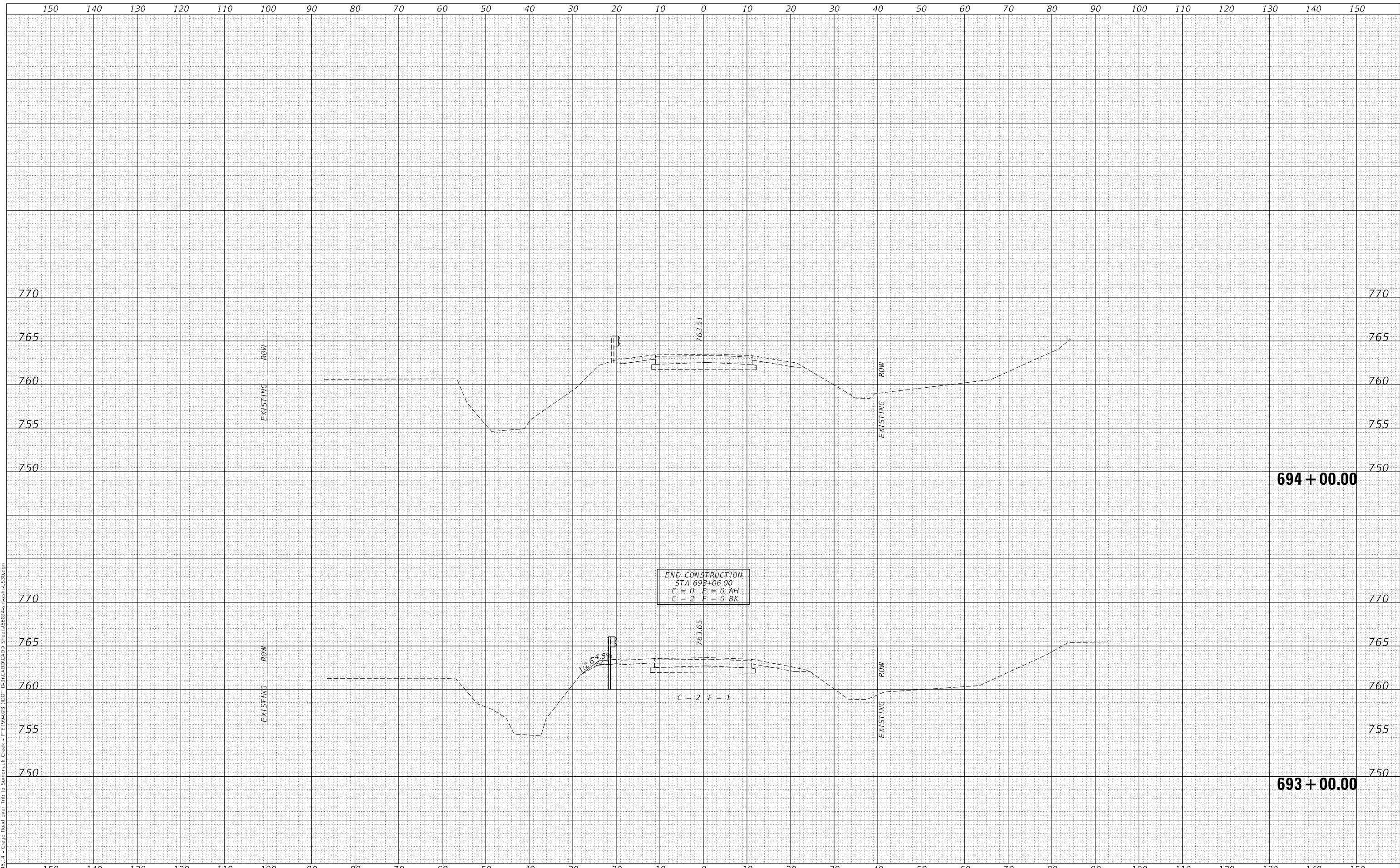
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	(116)CR-5309	DEKALB	24	21
CONTRACT NO. 66824				
ILLINOIS FED. AID PROJECT NO. XQMP1661				

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

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

MODEL: \$MODELNAME\$  
FILE NAME: V:\9437\_14 - Cregg Road over Trib to Sandrauk Creek - ITR 1994-03 (DOT D-3)(CAD)(L)D Sheet\6824.sht-act-US30.dgn



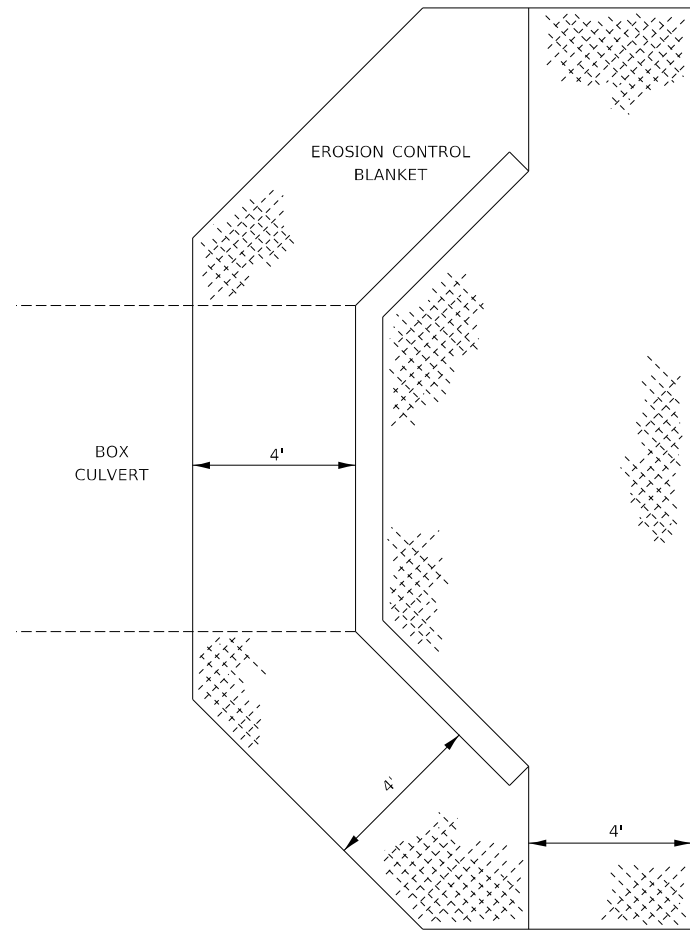
USER NAME = BNeibel	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 20,0000' / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 6/6/2022	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US HIGHWAY 30  
CROSS SECTIONS**

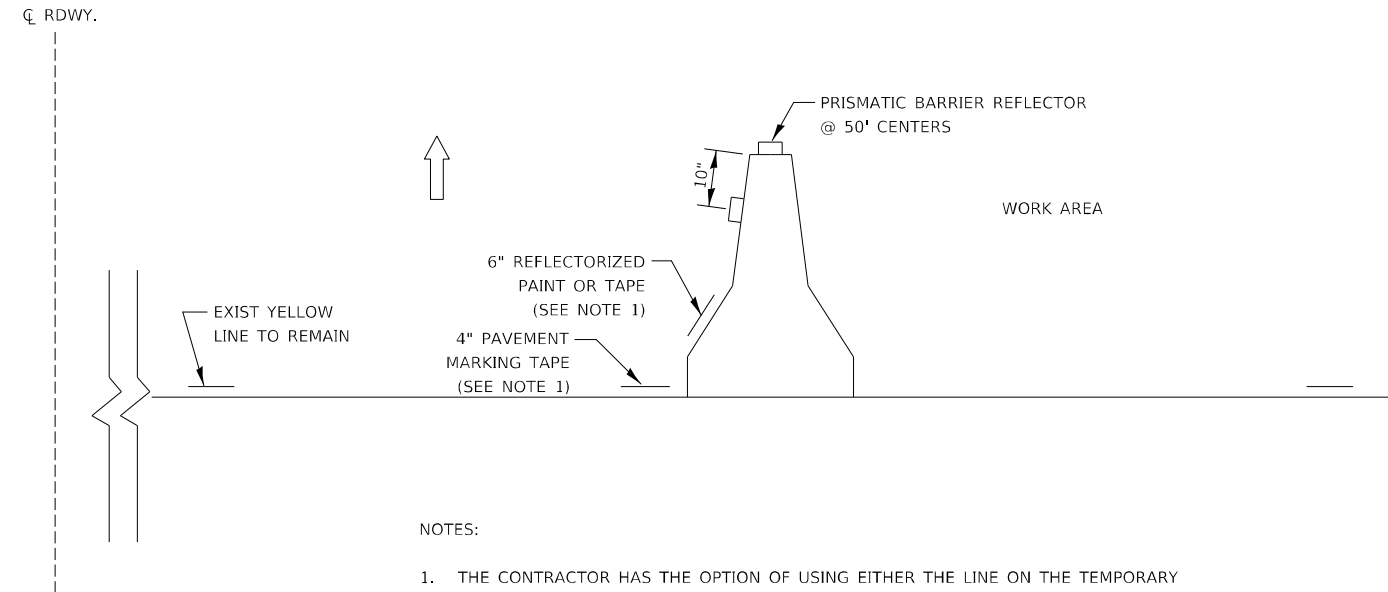
SCALE: \_\_\_\_\_ SHEET 2 OF 2 SHEETS STA. 693+00.00 TO STA. 694+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	(116)CR-5309	DEKALB	24	22
CONTRACT NO. 66824				
ILLINOIS FED. AID PROJECT NO. XQMPI661				



**EROSION CONTROL BLANKET  
AT BOX CULVERT END SECTIONS**

**251-3**



**NOTES:**

1. THE CONTRACTOR HAS THE OPTION OF USING EITHER THE LINE ON THE TEMPORARY CONCRETE BARRIER OR ON THE PAVEMENT.
2. THE COLOR OF THE REFLECTORS AND PAVEMENT/BARRIER MARKING LINE WILL VARY WITH STAGING AND SHALL MATCH THE EXISTING LINE IN THE WORK AREA.
3. THE COST OF THE REFLECTORS AND THE PAVEMENT/BARRIER MARKING LINE IS INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.

**TRAFFIC CONTROL DETAIL  
FOR TEMPORARY CONCRETE BARRIER**

**701-3**

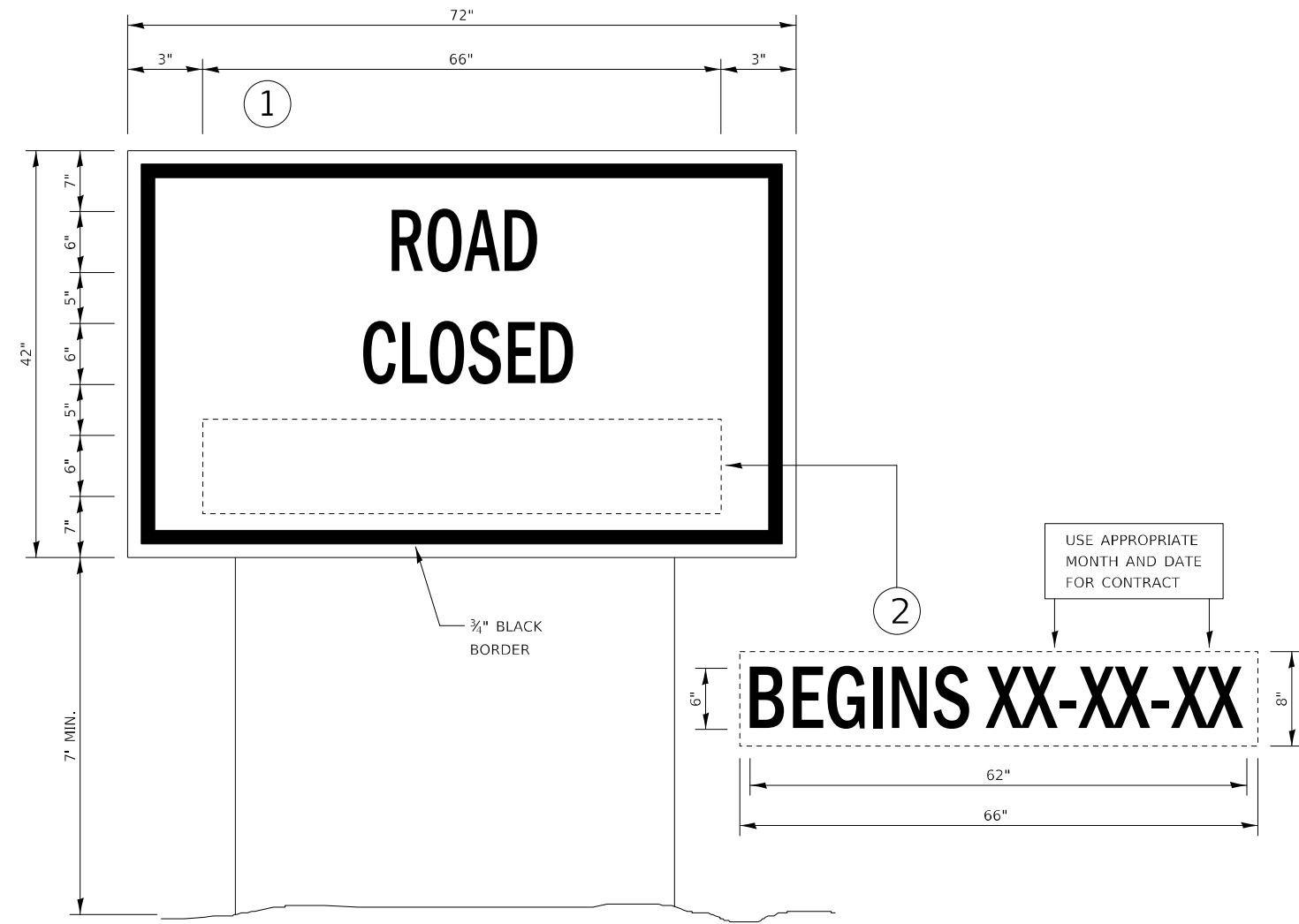
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USER NAME = BNeibel	DESIGNED - MMO	REVISED - _____
DRAWN - MMO	CHECKED - BMB	REVISED - _____
PLOT SCALE = 2,000' / in.	DATE - 9/6/2022	REVISED - _____
PLOT DATE = 9/15/2022		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>MISCELLANEOUS DETAILS</b>	
SCALE: _____	SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	23
			CONTRACT NO. 66824	
		ILLINOIS	FED. AID PROJECT NO. XQMP1661	

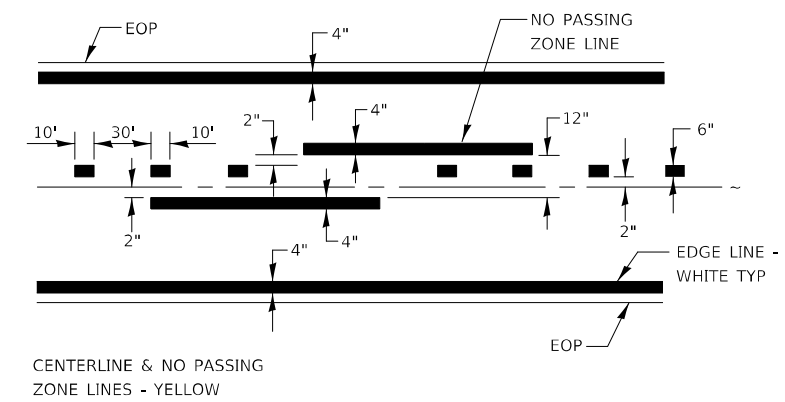


**TEMPORARY INFORMATION SIGNING**

**NOTES:**

1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE ROAD CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

**720-10**



**PAVEMENT MARKING**

**780-8**

MODEL: \\MODEL\NAMES  
 FILE NAME: V:\1845\11 - Craig Road over Trib to Somersuk Creek - RTB19A033 (DOT D-3)\CADD\CADD Sheets\66824\sh-miscellaneous.dgn

USER NAME = BNeibel	DESIGNED - MMO	REVISED - _____
	DRAWN - MMO	REVISED - _____
PLOT SCALE = 2,000' / in.	CHECKED - BMB	REVISED - _____
PLOT DATE = 9/15/2022	DATE - 9/6/2022	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MISCELLANEOUS DETAILS**

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

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 154	(116)CR-5309	DEKALB	24	24
CONTRACT NO. 66824				
ILLINOIS FED. AID PROJECT NO. XQMP1661				