

01-19-2024 LETTING ITEM 071

INDEX OF SHEETS

- 1 COVER
- 2 GENERAL NOTES AND HIGHWAY STANDARDS
- 3-4 SUMMARY OF QUANTITIES
- 5-6 SCHEDULES OF QUANTITIES
- 7-8 EXISTING TYPICAL SECTIONS
- 9-10 PROPOSED TYPICAL SECTIONS
- 11-14 DOUBLE ROADWAY PLANS
- 15 SPECIAL DETAILS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
SURFACE TRANSPORTATION RURAL PROGRAM
/ REBUILD ILLINOIS PROGRAM
JOHNSON COUNTY HIGHWAY
DEPARTMENT
SECTION 22-00072-00-RS
F.A.S. ROUTE 928
PROJECT NO. 7YLX(091)
CH 3 (BELKNAP RD.) RESURFACING
FROM MAIN ST TO US 45
JOB NO. C-99-004-24

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-RS	JOHNSON	15	1

CONTRACT NO. 99723



LOCATION OF SECTION INDICATED THUS: —

DESCRIPTION OF WORK
 THIS PROJECT CONSISTS OF IMPROVING CH 3 (BELKNAP RD.) FROM MAIN ST. IN BELKNAP TO US 45. THIS PROJECT SHALL CONSIST OF HOT-MIX ASPHALT OVERLAY FOR THE ENTIRE LENGTH OF THE PROJECT. ALSO INCLUDED SHALL BE AGGREGATE WEDGE SHOULDERS, ENTRANCE AND SIDEROAD IMPROVEMENTS, GUARDRAIL REMOVAL AND REPLACEMENT, LOCALIZED PAVEMENT PATCHING, HMA MILLING, PAVEMENT MARKING, AND ASSOCIATED WORK.

ELECTRIC

SOUTHERN ILLINOIS ELECTRIC CO-OP
 7420 OLD US HIGHWAY 51
 DONGOLA, ILLINOIS 62926

WATER

VILLAGE OF BELKNAP
 200 EAST MAIN STREET
 BELKNAP, ILLINOIS 62908

MILLSTONE WATER DISTRICT
 110 MAIN STREET
 EDDYVILLE, ILLINOIS 62928

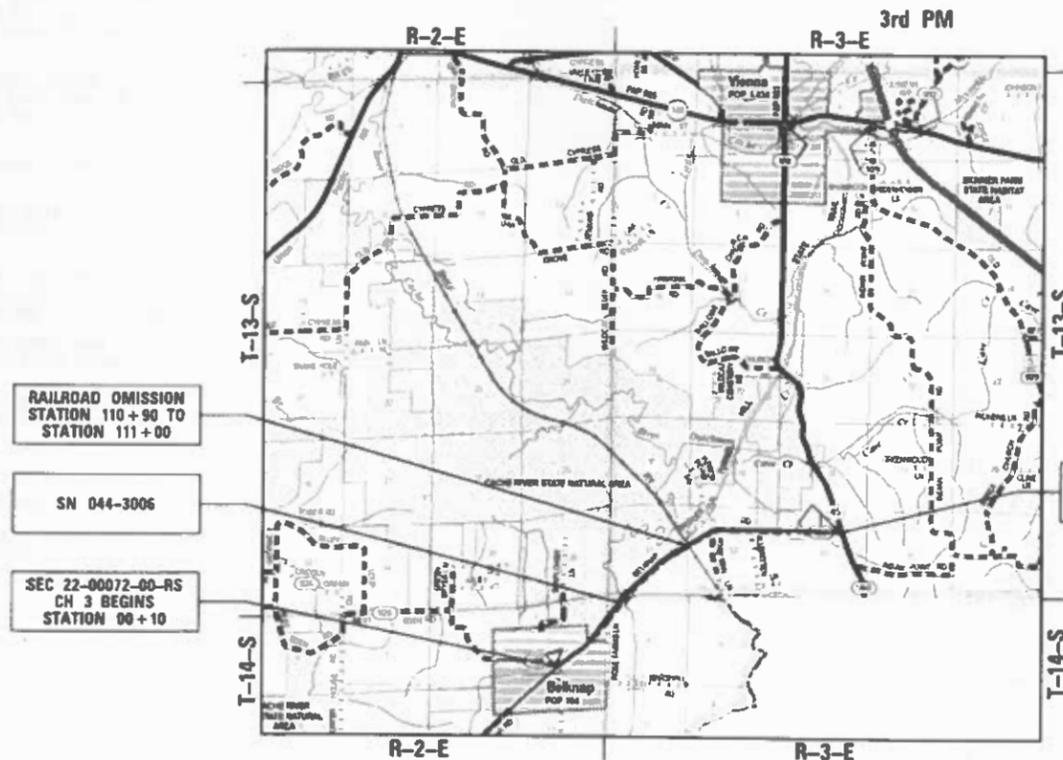
COMMUNICATIONS

FRONTIER COMMUNICATIONS
 614 FERRY STREET
 METROPOLIS, ILLINOIS 62960

CLEARWAVE COMMUNICATIONS
 2 NORTH VINE STREET
 HARRISBURG, ILLINOIS 62946

GAS

MARATHON
 539 SOUTH MAIN STREET
 FINDLAY, OHIO 45840



RAILROAD OMISSION
 STATION 110+90 TO
 STATION 111+00

SN 044-3006

SEC 22-00072-00-RS
 CH 3 BEGINS
 STATION 00+10

SEC 22-00072-00-RS
 CH 3 ENDS
 STATION 206+78



LOCATION MAP

APPROXIMATE SCALE 1.5 0 1.5 MILES

GROSS LENGTH = 20668 FT. = 3.91 MILE
 NET LENGTH = 20658 FT. = 3.91 MILE

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

FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
 ADT (2023): 550
 DESIGN SPEED = 50 MPH

3R GUIDELINES



BRIAN M. BORGMAN
 062-058271
 REGISTERED
 PROFESSIONAL
 ENGINEER
 STATE OF ILLINOIS

B. Borgman
 SIGNATURE 10/10/23
 DATE

ENGINEER'S SEAL EXPIRES 11/30/2023

APPROVED	<u>OCTOBER 10,</u>	2023
	<i>Brandon C. Tamm</i> JOHNSON COUNTY ENGINEER	
PASSED	<u>November 1</u>	2023
	<i>[Signature]</i> DISTRICT NINE ENGINEER OF LOCAL ROADS & STREETS	
Released For Bid Based on Limited Review	<u>November 1</u>	2023
	<i>[Signature]</i> REGION FIVE ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

MODEL: DEFAULT
 FILE NAME: 013170 - Ch 3 Resurfacing Johnson County, Illinois - Add Sheets 01-15-170-gm-covec.dwg

GENERAL NOTES

1. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY AND THE INDICATED ADJUSTMENTS OR RECONSTRUCTION ARE CONSIDERED TO BE REASONABLY ACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS, AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLE 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF DOING SO SHALL BE INCLUDED WITH THE COST OF THE CONTRACT.
3. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
4. WHEREVER IN THESE PLANS REFERENCE IS MADE TO THE "STANDARD SPECIFICATIONS", IT IS UNDERSTOOD TO INCLUDE THE "SUPPLEMENTAL SPECIFICATIONS" INCLUDED IN THE PROPOSAL.
5. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.
7. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 (TEN) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.
8. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 or 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.
9. VERIFICATION OF DIMENSIONS: IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
10. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY OWNERS AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
11. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE INCLUDED WITH THE COST OF THE CONTRACT.
12. TRAFFIC SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE ROADWAY AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE RESET BEFORE THE ROADWAY IS OPEN TO TRAFFIC. COST OF SUCH WORK SHALL BE INCLUDED WITH THE COST OF THE CONTRACT.
13. ALL PROPOSED PAVEMENT WIDTHS ARE MEASURED EDGE TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN ON THE PLANS.
14. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO REFER TO THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS SHOWN ON THE TABULATION OF REQUIRED STANDARDS SHOWN IN THE PLANS.
15. ALL EXISTING PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENTS ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE UTILITY ADJUSTMENTS.
16. ALL DISTURBED TURF AREAS SHALL BE SEEDED WITH A CLASS 2 SEED MIXTURE, FERTILIZED, AND MULCHED IN ACCORDANCE WITH SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
17. EROSION CONTROL SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS, THE HIGHWAY STANDARDS CONTAINED HEREIN, AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

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

AGGREGATE _____	2.05 TON/CY
HOT-MIX ASPHALT _____	0.056 TON/SY-IN
BITUMINOUS MATERIALS (TACK COAT) (ON EX PAVEMENT) _____	0.05 LB/SF
BITUMINOUS MATERIALS (TACK COAT) (BETWEEN LIFTS) _____	0.025 LB/SF

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631032-10	TRAFFIC BARRIER TERMINAL, TYPE 6A
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
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
701901-09	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 18-6	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE
BLR 24-2	MAILBOX TURNOUT FOR LOCAL ROADS

HMA MIX TABLE

MIXTURE USE(S):	SURFACE	BINDER
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4% @ NDES=50	4% @ NDES=50
MIXTURE COMP (GRADATION)	IL-9.5	IL-9.5
FRICTION	MIX "C"	N/A
AGGREGATE	112	112
MIXTURE WEIGHT	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?)	N/A	N/A

MODEL: DEFAULT
FILE NAME: V03170 - CH 3 Resurfacing (Johnson)CADD\CADD_Sheets\02-5170-alk-egennotes.dgn
2023



USER NAME = Cburke	DESIGNED - CMB	REVISED -
	DRAWN - CJB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BMB	REVISED -
PLOT DATE = 10/5/2023	DATE - 8/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 3 (BELKNAP ROAD)
GENERAL NOTES AND HIGHWAY STANDARDS**

SCALE: N/A SHEET 1 OF 1 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-0072-00-R5	JOHNSON	15	2
			CONTRACT NO. 99723	
ILLINOIS FED. AID PROJECT				

CODE NO .	ITEM	UNIT	TOTAL QUANTITY	JOHNSON COUNTY	
				ROADWAY	
				0005	RURAL
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	689	689	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	123	123	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	53676	53676	
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	88	88	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	270	270	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	14	14	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	270	270	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	563	563	
* X6310088	TRAFFIC BARRIER TERMINAL TYPE 6A (SPECIAL)	EACH	4	4	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	

* SPECIALTY ITEMS

MODEL: DEFAULT
FILE: \\h1170 - CH 3 Resurfacing (Johnson)\CADD\CADD_Sheets\104-5170-01\50002.dgn
2023



USER NAME = CBurke	DESIGNED - CMB	REVISED -
	DRAWN - CJB	REVISED -
PLOT SCALE = 100.0000' / In.	CHECKED - BMB	REVISED -
PLOT DATE = 10/3/2023	DATE - 7/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 3 (BELKNAP ROAD)			
SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET 2	OF 2	SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-R5	JOHNSON	15	4
ILLINOIS			CONTRACT NO. 99723	

MAILBOX TURNOUT SCHEDULE

STATION	SIDE	40604050	
		HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	
		TON	
116+20	RT	2.5	
130+90	RT	2.5	
153+35	RT	2.5	
195+70	RT	2.5	
203+15	RT	2.5	
TOTAL		12.5	
USE		13	

SHORT TERM PAVEMENT MARKING SCHEDULE

STATION TO STATION		70300100		70300150	
		SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL	
		FOOT		SQ FT	
00+10	110+90	1108.0		369.3	
RAILROAD OMISSION STA 110+90 TO STA 111+00					
111+00	206+78	957.8		319.3	
TOTAL		2065.8		688.6	
USE		2066		689	

SIDEROAD SCHEDULE

STATION	ROAD NAME	SIDE	40604050	
			HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	
			TON	
42+15	ROSE FARMS LN	RT	40.0	
128+05	FORMAN LN	RT	20.6	
128+60	HERON POND LN	LT	16.1	
152+50	ALLBRITTEN LN	RT	15.1	
TOTAL			91.9	
USE			92	

REFLECTIVE PAVEMENT MARKER SCHEDULE

STATION TO STATION		78100100		78300200	
		RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
		EACH			
00+10	110+90	139		139	
RAILROAD OMISSION STA 110+90 TO STA 111+00					
111+00	126+45	20		20	
126+45	133+95	19		19	
133+95	206+78	92		92	
TOTAL		270		270	
USE		270		270	

ENTRANCE SCHEDULE

STATION	SIDE	TYPE	40604050	
			HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	
			WIDTH	TON
			FOOT	
1+60	RT	PE	16	1.1
1+90	LT	PE	20	1.4
6+35	RT	FE	22	1.5
6+75	LT	FE	14	1.0
46+30	RT	FE	20	1.4
47+80	LT	PE	18	1.2
57+40	RT	FE	14	1.0
58+10	LT	FE	14	1.0
65+45	LT	FE	12	0.9
65+45	RT	PE	18	1.2
75+75	LT	FE	14	1.0
83+50	RT	FE	14	1.0
93+75	RT	FE	24	2.4
96+25	LT	FE	22	1.5
101+95	RT	FE	18	1.2
109+30	LT	FE	24	1.7
116+05	RT	FE	20	1.4
116+20	LT	PE	18	1.2
131+05	LT	PE	18	1.2
136+65	RT	FE	16	1.1
149+90	RT	FE	14	1.0
151+35	LT	FE	16	1.1
152+90	LT	PE	24	2.0
153+15	LT	PE	18	1.2
155+20	LT	FE	14	1.0
170+10	RT	FE	14	1.0
170+35	LT	FE	12	0.9
180+80	RT	FE	12	0.9
181+85	LT	FE	12	0.9
193+80	LT	FE	14	1.0
195+45	LT	PE	12	0.9
203+10	LT	FE	18	1.2
205+80	LT	FE	18	1.2
TOTAL				39.8
USE				40

PAVEMENT MARKING SCHEDULE

STATION TO STATION		SIDE	DESCRIPTION	PAINT PAVEMENT MARKING				
				78001100		78001110		78001180
				LETTERS & SYMBOLS		4"		24"
				SOLID WHITE		SOLID YELLOW	SKIP-DASH YELLOW	SOLID WHITE
				SQ FT		FOOT		
00+10	42+15	RT	EDGE LINE		4205.0			
00+10	110+90	LT	EDGE LINE		11080.0			
00+43	110+90	CL	CL SKIP-DASH				2761.8	
00+43		LT	STOP BAR					11.0
42+15	110+90	RT	EDGE LINE		6875.0			
73+60	77+70	CL	EB NO PASSING			410.0		
82+50	86+60	CL	WB NO PASSING			410.0		
101+90	110+90	CL	EB NO PASSING			900.0		
107+20		RT	STOP BAR					11.0
107+45		RT	RAILROAD XING	61.2				
107+70		RT	STOP BAR					11.0
110+75		RT	STOP BAR					11.0
RAILROAD OMISSION - STA 110+90 TO STA 111+00								
111+00	120+10	CL	WB NO PASSING			910.0		
111+00	129+00	CL	CL SKIP-DASH				450.0	
111+00	128+05	RT	EDGE LINE		1705.0			
111+00	128+60	LT	EDGE LINE		1760.0			
111+15		LT	STOP BAR					11.0
114+40		LT	STOP BAR					11.0
114+65		LT	RAILROAD XING	61.2				
114+90		LT	STOP BAR					11.0
120+90	130+00	CL	EB NO PASSING			910.0		
128+05	152+50	RT	EDGE LINE		2445.0			
128+60	206+78	LT	EDGE LINE		7818.0			
129+00	139+10	CL	WB NO PASSING			1010.0		
130+00	204+50	CL	CL SKIP-DASH				1862.5	
152+50	206+78	RT	EDGE LINE		5428.0			
175+55	183+40	CL	EB NO PASSING			785.0		
184+40	191+40	CL	WB NO PASSING			700.0		
196+00	206+50	CL	EB NO PASSING			1050.0		
204+50	206+50	CL	WB NO PASSING			200.0		
206+50		RT	STOP BAR					11.0
TOTAL				122.4	41316.0	7285.0	5074.3	88.0
USE				123	53676			88

MODEL: DEFAULT
 FILE: W:\170 - CH 3 Resurfacing (Johnson)\CADD\CADD_Sheets\05-5170-01-RK-Sched01.dgn
 2023



USER NAME = Cburke	DESIGNED - CMB	REVISED -
	DRAWN - CJB	REVISED -
PLOT SCALE = 100.0000' / In.	CHECKED - BMB	REVISED -
PLOT DATE = 10/3/2023	DATE - 7/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 3 (BELKNAP ROAD)
SCHEDULES OF QUANTITIES**

SCALE: N/A SHEET 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-R5	JOHNSON	15	5
ILLINOIS			CONTRACT NO. 99723	

PAVEMENT SCHEDULE

STATION TO STATION	40600290	40600370	40602978	40604050	X4401198	44000161	40600982	40600990	
	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	HOT-MIX ASPHALT SURFACE REMOVAL			TEMPORARY RAMP	
					VAR.	3"	BUTT JOINT		
	POUND	FOOT	TON		SQ YD				
00+10	00+50	99.5	40.0	12.6	12.5		147.4	54.5	
00+50	05+50	1026.8	500.0	127.8	126.6		1425.0	83.8	
05+50	16+45	1838.0	1095.0	228.7	226.2		79.6		
16+45	30+40	2341.5	1395.0	291.4	288.1				
30+40	58+80	4766.9	2840.0	593.2	586.6		146.7		
58+80	61+10	253.0	230.0		47.2	562.2			
61+10	63+50	402.8	240.0	50.1	49.6		146.7		
63+50	71+50	1342.8	800.0	167.1	165.2				
71+50	91+75	3399.0	2025.0	423.0	418.3				
91+75	99+80	1351.2	805.0	168.1	166.3				
99+80	110+90	1863.1	1110.0	231.9	229.3		146.7	24.4	
RAILROAD OMISSION STA 110+90 TO STA 111+00									
111+00	126+45	2593.3	1545.0	322.7	319.1		146.7	24.4	
126+45	133+95	1258.9	750.0	156.7	154.9				
133+95	206+18	12123.8	7223.0	1508.7	1491.9				
206+18	206+78	178.5	60.0	12.5	12.4		264.5	75.1	
TOTAL		34839.1	20658.0	4294.6	4294.1	562.2	1572.4	1014.5	178.6
USE		34840	20658	4295	4295	563	1573	1015	179

SHOULDER SCHEDULE

STATION TO STATION	SIDE	48102100	
		AGGREGATE WEDGE SHOULDER, TYPE B	
		TON	
00+10	02+20	RT	15.9
00+10	58+80	LT	445.7
04+40	42+15	RT	286.6
42+15	58+80	RT	126.4
61+10	110+90	RT	378.1
61+10	110+90	LT	378.1
RAILROAD OMISSION STA 110+90 TO STA 111+00			
111+00	128+05	RT	129.5
111+00	128+60	LT	133.6
128+05	152+50	RT	185.6
128+60	206+78	LT	593.6
152+50	206+78	RT	412.1
TOTAL			3085.3
USE			3086

GUARDRAIL SCHEDULE

STATION TO STATION	SIDE	63000003	63200310	72501000	78200005	63100167	63100045	X6310088
		STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	TRAFFIC BARRIER TERMINAL		
						TYPE 1 (SPECIAL) TANGENT	TYPE 2	TYPE 6A (SPECIAL)
		FOOT	EACH					
57+54	58+82	RT	50.0	128.9	1	4	1	1
58+29	58+82	LT		53.7		2	1	1
61+06	62+94	LT	112.5	178.6	1	5	1	1
61+06	62+31	RT	75.0	116.0		3	1	1
TOTAL			237.5	477.2	2	14	2	4
USE			237.5	478	2	14	2	4

ESTIMATED QUANTITIES SCHEDULE

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
44201329	CLASS C PATCHES, TYPE II, 8 INCH	SQ YD	100

MODEL: DEFAULT
FILE: \\hpc\er\03170 - CH 3 Resurfacing (Johnson)\CADD\CADD_Sheets\06-5170-CH3-Sched02.dgn
2023



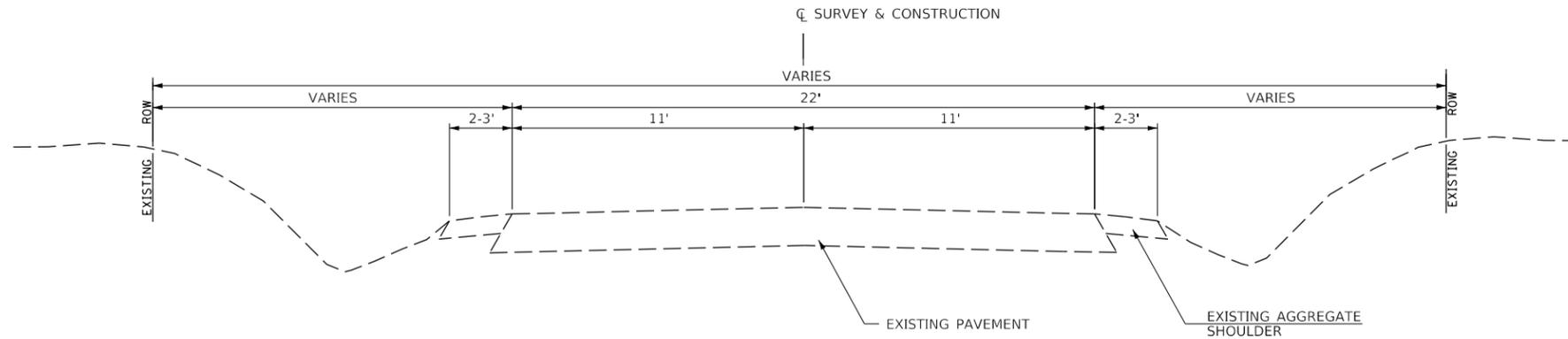
USER NAME = CBurke	DESIGNED - CMB	REVISED -
DRAWN - CJB	REVISIONS -	
PLOT SCALE = 100.0000' / In.	CHECKED - BMB	REVISED -
PLOT DATE = 10/3/2023	DATE - 7/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 3 (BELKNAP ROAD)
SCHEDULES OF QUANTITIES**

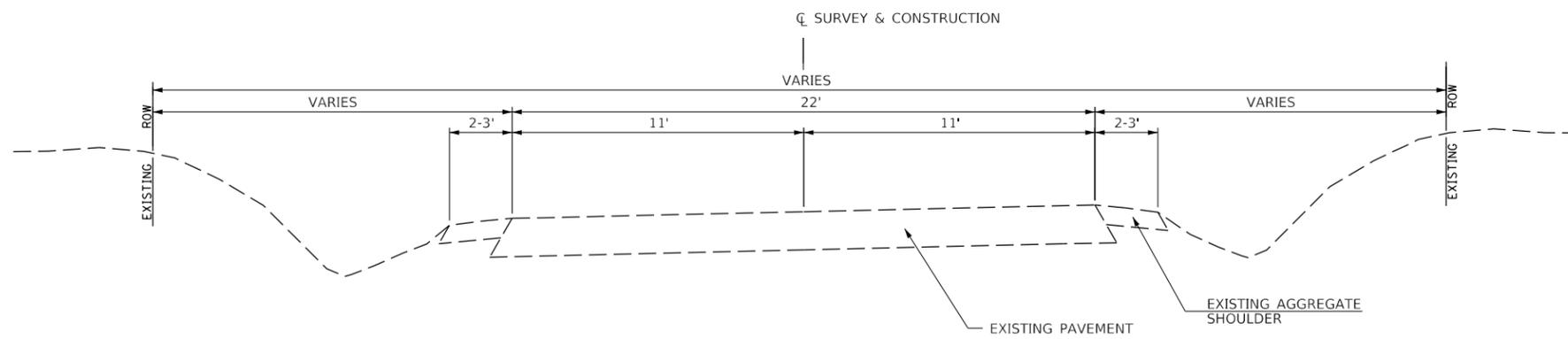
SCALE: N/A SHEET 2 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-R5	JOHNSON	15	6
			CONTRACT NO. 99723	
ILLINOIS				



**EXISTING TYPICAL SECTION
CH 3 (BELKNAP ROAD)**

STATION 04+40 TO 16+45
 STATION 30+40 TO 58+80
 STATION 61+10 TO 63+50
 STATION 71+50 TO 91+75
 STATION 99+80 TO 110+90
 RAILROAD OMISSION STATION 110+90 TO 111+00
 STATION 111+00 TO 126+45
 STATION 133+95 TO 206+80



**EXISTING TYPICAL SECTION
CH 3 (BELKNAP ROAD)**

STATION 16+45 TO 30+40
 STATION 63+50 TO 71+50
 STATION 91+75 TO 99+80
 STATION 126+45 TO 133+95

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 2023

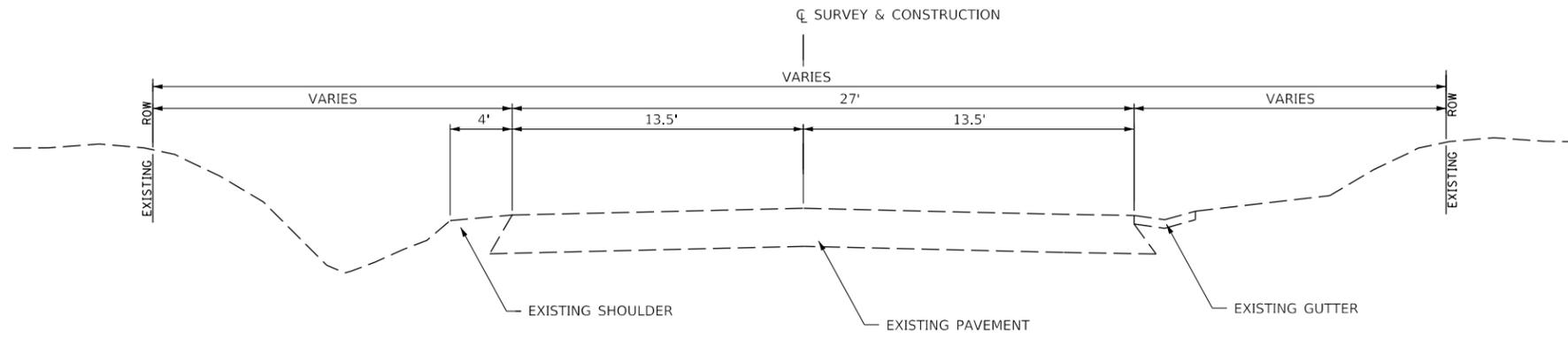


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	DRAWN - HRC	REVISED -
PLOT SCALE = 10,0000 ' / In.	CHECKED - BMB	REVISED -
PLOT DATE = 10/5/2023	DATE - 5/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

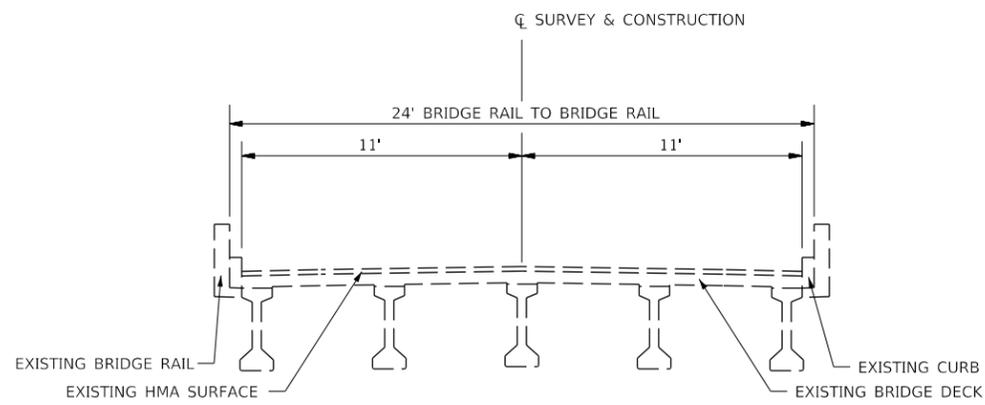
COUNTY HIGHWAY 3 (BELKNAP ROAD)	
EXISTING TYPICAL SECTIONS	
SCALE: N/A	SHEET 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-R5	JOHNSON	15	7
CONTRACT NO. 99723				
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION
CH 3 (BELKNAP ROAD)**

STATION 00+10 TO 04+40



**EXISTING TYPICAL SECTION
CH 3 (BELKNAP ROAD) - BRIDGE SECTION**

SN 044-3006
CH 3 OVER POST CREEK CUTOFF
STA 58+80 TO STA 61+10

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2023



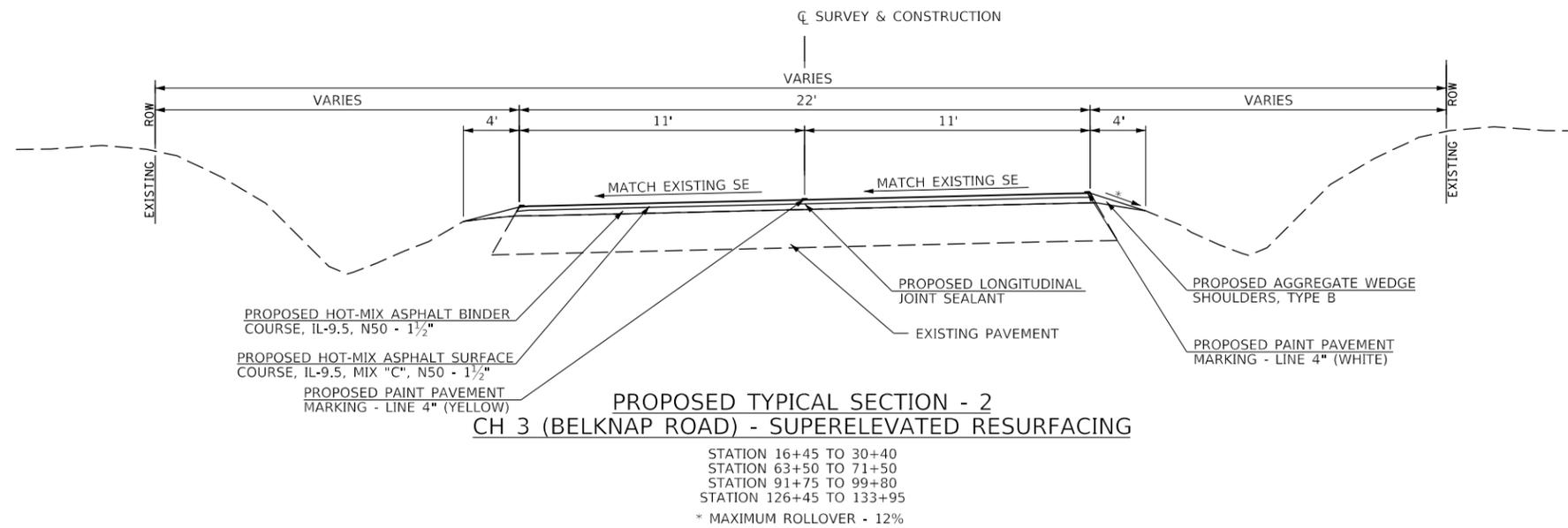
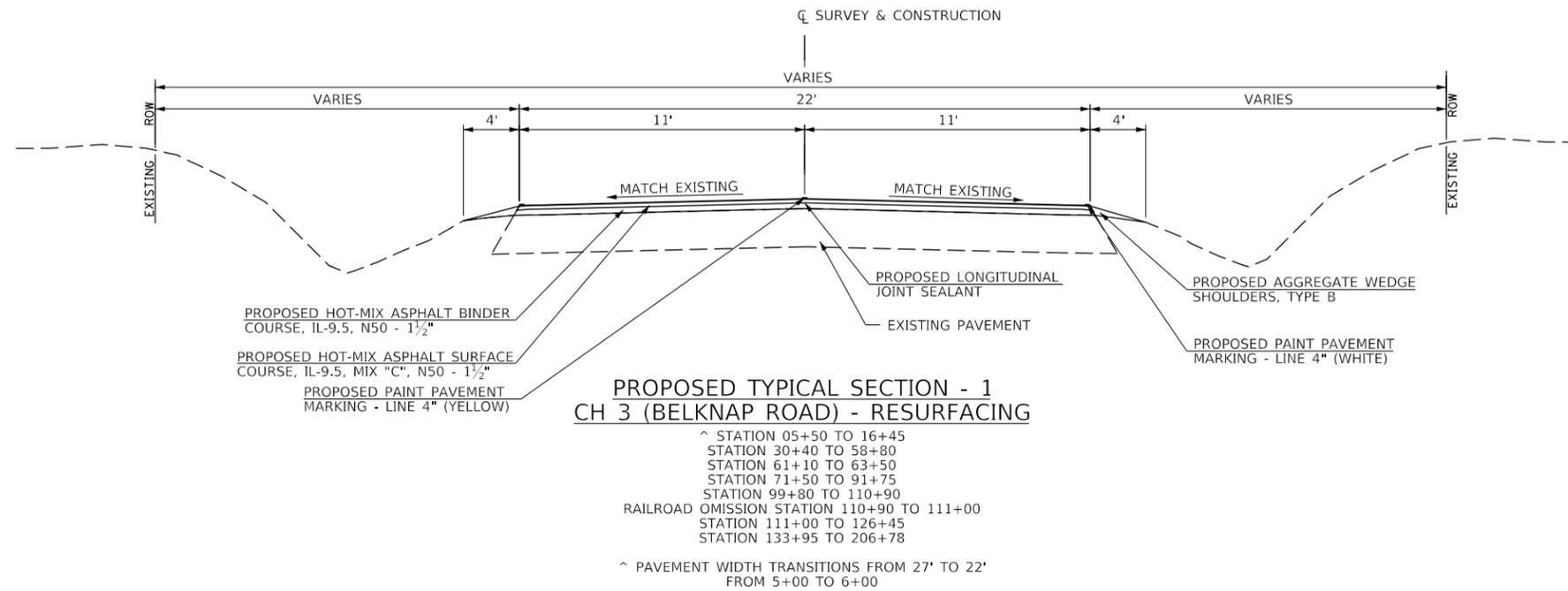
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PLOT DATE = 10/3/2023	DATE - 5/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 3 (BELKNAP ROAD)
EXISTING TYPICAL SECTIONS**

SCALE: N/A SHEET 2 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-R5	JOHNSON	15	8
CONTRACT NO. 99723			ILLINOIS FED. AID PROJECT	



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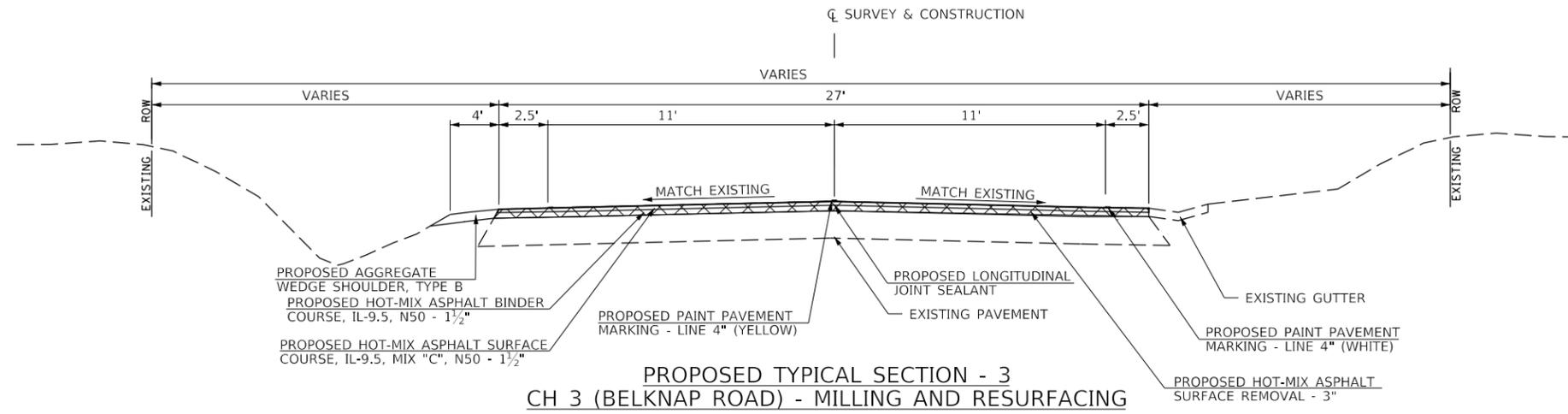


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PLOT SCALE = 10,0000' / In.	DRAWN - HRC	REVISED -
PLOT DATE = 10/3/2023	CHECKED - BMB	REVISED -
	DATE - 5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

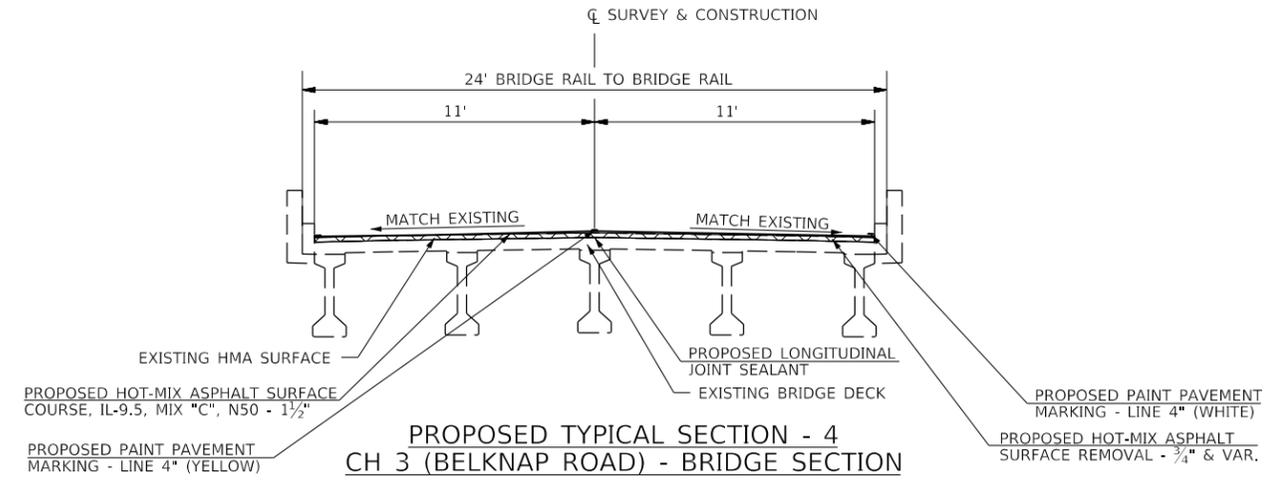
COUNTY HIGHWAY 3 (BELKNAP ROAD)			
PROPOSED TYPICAL SECTIONS			
SCALE: N/A	SHEET 1	OF 2	SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-R5	JOHNSON	15	9
CONTRACT NO. 99723				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION - 3
CH 3 (BELKNAP ROAD) - MILLING AND RESURFACING

^ STATION 00+10 TO 05+50
 ^ PAVEMENT WIDTH TRANSITIONS FROM 27' TO 22'
 FROM 5+00 TO 6+00



PROPOSED TYPICAL SECTION - 4
CH 3 (BELKNAP ROAD) - BRIDGE SECTION

SN 044-3006
 CH 3 OVER POST CREEK CUTOFF
 STA 58+80 TO STA 61+10

MODEL DEFAULT
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 2023



USER NAME = C Burke	DESIGNED - CMB	REVISED -
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PLOT DATE = 10/3/2023	DATE - 5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 3 (BELKNAP ROAD)			
PROPOSED TYPICAL SECTIONS			
SCALE: N/A	SHEET 2	OF 2	SHEETS

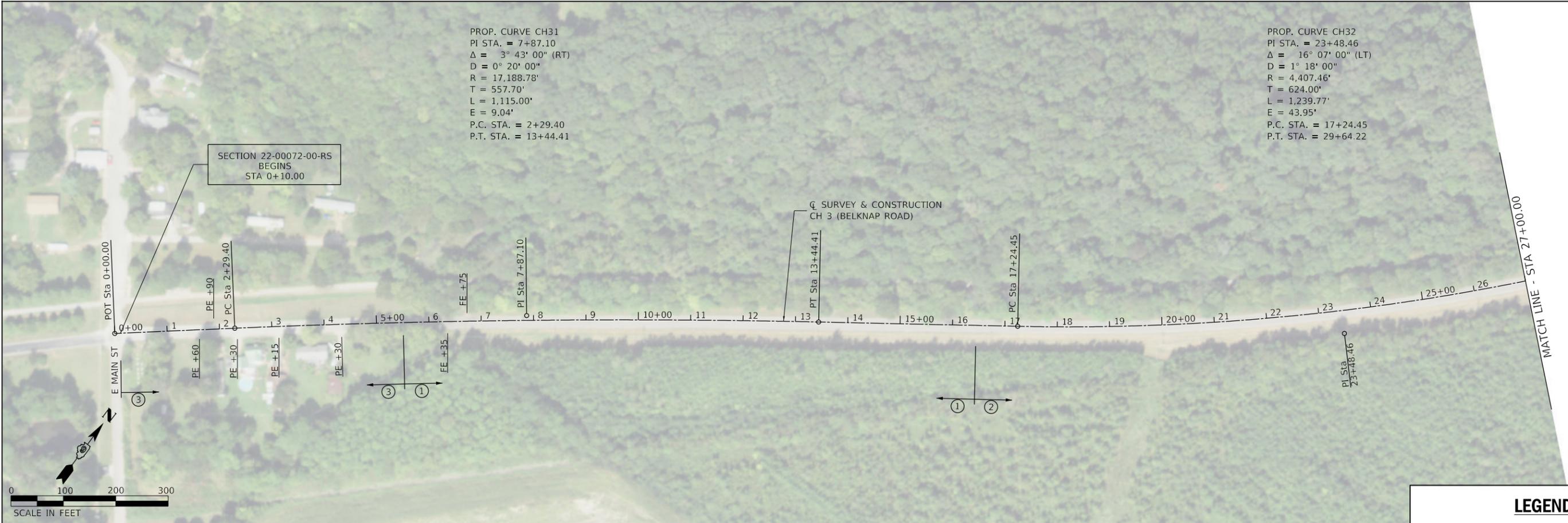
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-R5	JOHNSON	15	10
CONTRACT NO. 99723				
ILLINOIS FED. AID PROJECT				

PROP. CURVE CH31
 PI STA. = 7+87.10
 $\Delta = 3^\circ 43' 00''$ (RT)
 $D = 0^\circ 20' 00''$
 $R = 17,188.78'$
 $T = 557.70'$
 $L = 1,115.00'$
 $E = 9.04'$
 P.C. STA. = 2+29.40
 P.T. STA. = 13+44.41

PROP. CURVE CH32
 PI STA. = 23+48.46
 $\Delta = 16^\circ 07' 00''$ (LT)
 $D = 1^\circ 18' 00''$
 $R = 4,407.46'$
 $T = 624.00'$
 $L = 1,239.77'$
 $E = 43.95'$
 P.C. STA. = 17+24.45
 P.T. STA. = 29+64.22

SECTION 22-00072-00-RS
 BEGINS
 STA 0+10.00

SURVEY & CONSTRUCTION
 CH 3 (BELKNAP ROAD)



LEGEND

(#) APPLICABLE TYPICAL SECTION



MODEL DEFAULT
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 2023

HEI Hutchison
 Engineering, Inc.
 JOB# 5170

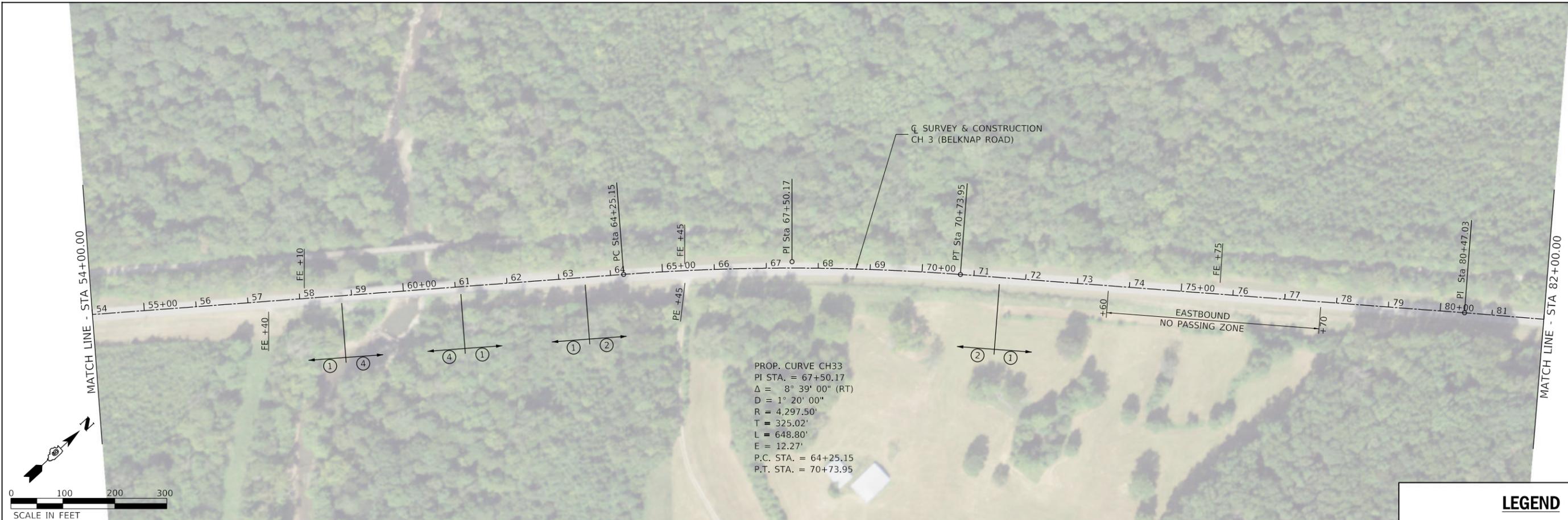
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PLOT SCALE = 200,0000' / In.	DRAWN - JCW	REVISED -
PLOT DATE = 10/3/2023	CHECKED - BMB	REVISED -
	DATE - 5/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 3 (BELKNAP ROAD)
 DOUBLE ROADWAY PLANS**

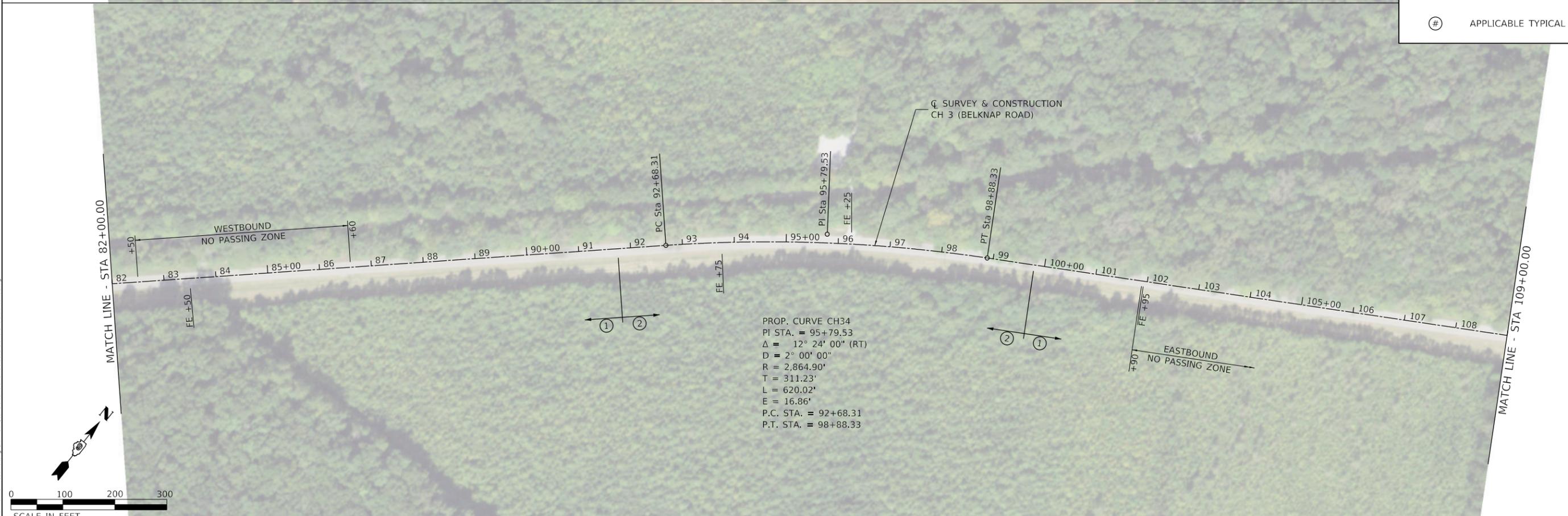
SCALE: 1"=100' SHEET 1 OF 4 SHEETS STA. 00+00.00 TO STA. 54+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-RS	JOHNSON	15	11
CONTRACT NO. 99723				
ILLINOIS FED. AID PROJECT				



LEGEND

Ⓢ APPLICABLE TYPICAL SECTION



MODEL: DEFAULT
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 2023



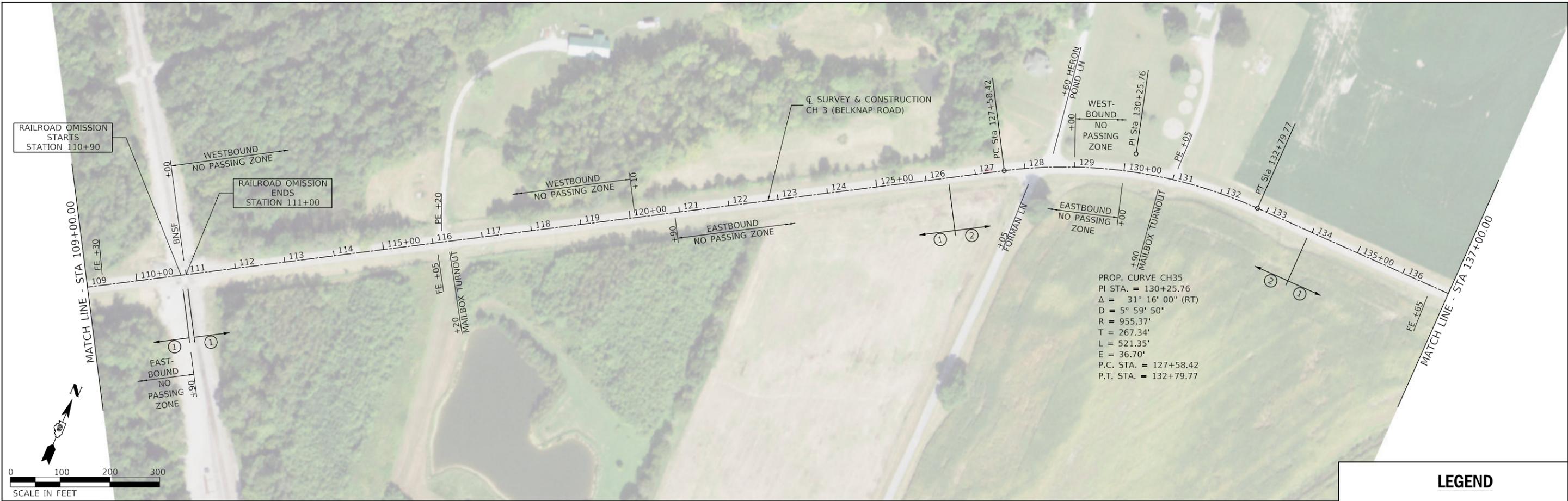
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DRAWN - JCW	REVISED -	
PLOT SCALE = 200.0000' / In.	CHECKED - BMB	REVISED -
PLOT DATE = 10/5/2023	DATE - 5/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 3 (BELKNAP ROAD)
 DOUBLE ROADWAY PLANS**

SCALE: 1"=100' SHEET 2 OF 4 SHEETS STA. 54+00.00 TO STA. 109+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-R5	JOHNSON	15	12
CONTRACT NO. 99723			ILLINOIS FED. AID PROJECT	



PROP. CURVE CH36
 PI STA. = 153+28.36
 $\Delta = 1^\circ 56' 00''$ (RT)
 $D = 0^\circ 20' 00''$
 $R = 17,188.76'$
 $T = 290.03'$
 $L = 580.00'$
 $E = 2.45'$
 P.C. STA. = 150+38.33
 P.T. STA. = 156+18.33



MODEL DEFAULT
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 2023

HEI Hutchison Engineering, Inc.
 JOB# 5170

USER NAME = Cburke	DESIGNED - CMB	REVISED -
DRAWN - JCW	REVISOR -	
PLOT SCALE = 200,000' / in.	CHECKED - BMB	REVISED -
PLOT DATE = 10/5/2023	DATE - 5/2023	REVISED -

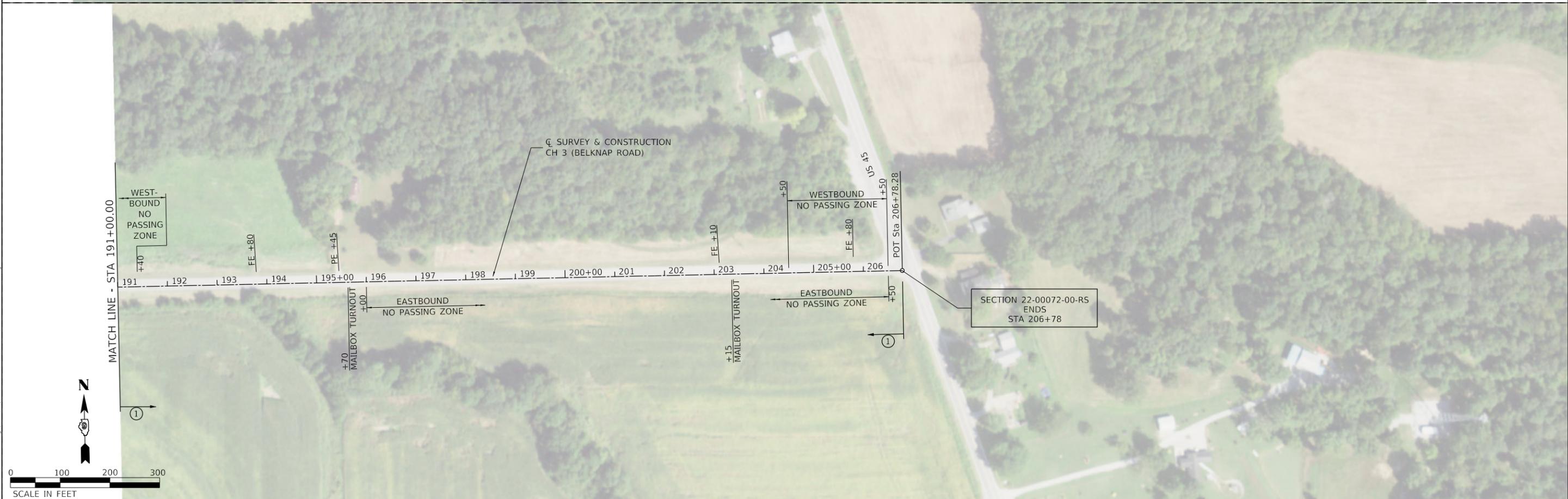
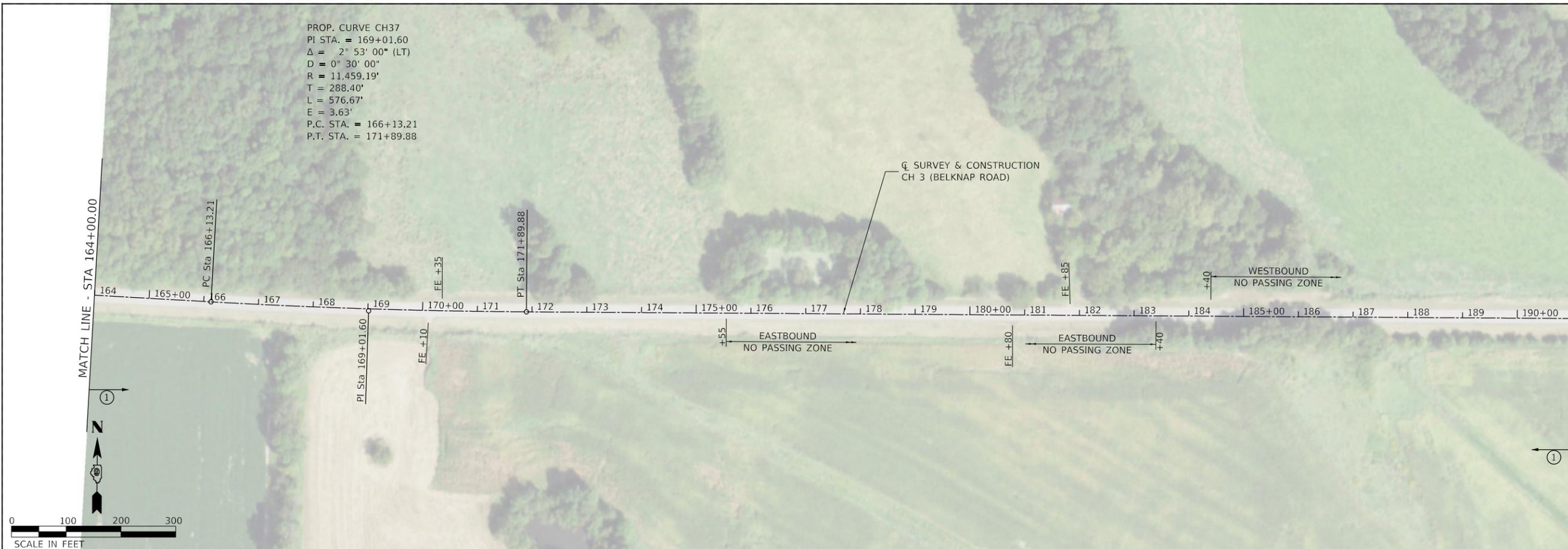
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 3 (BELKNAP ROAD)
 DOUBLE ROADWAY PLANS**

SCALE: 1"=100' SHEET 3 OF 4 SHEETS STA. 109+00.00 TO STA. 164+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-RS	JOHNSON	15	13
CONTRACT NO. 99723			ILLINOIS FED. AID PROJECT	

PROP. CURVE CH37
 PI STA. = 169+01.60
 $\Delta = 2^\circ 53' 00''$ (LT)
 $D = 0^\circ 30' 00''$
 $R = 11,459.19'$
 $T = 288.40'$
 $L = 576.67'$
 $E = 3.63'$
 P.C. STA. = 166+13.21
 P.T. STA. = 171+89.88



MODEL: DEFAULT
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 2023



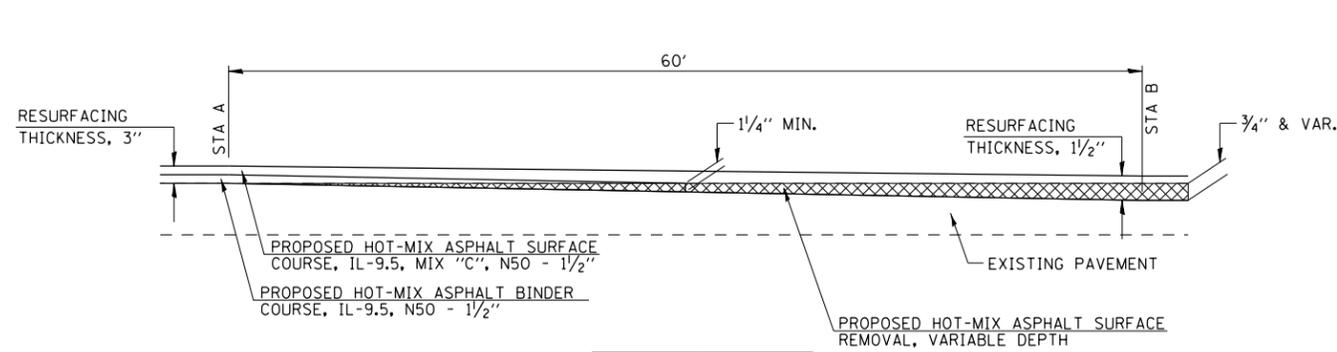
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DRAWN -	JCW	REVISOR -		REVISOR -	
PLOT SCALE =	200,0000' / in.	CHECKED -	BMB	REVISOR -	
PLOT DATE =	10/3/2023	DATE -	5/2023	REVISOR -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 3 (BELKNAP ROAD)
 DOUBLE ROADWAY PLANS**

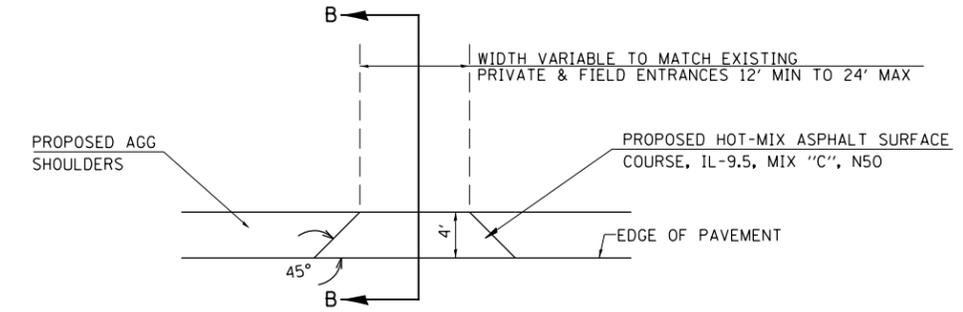
SCALE: 1"=100' SHEET 4 OF 4 SHEETS STA. 164+00.00 TO STA. 206+78.28

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
928	22-00072-00-R5	JOHNSON	15	14
CONTRACT NO. 99723				
ILLINOIS FED. AID PROJECT				

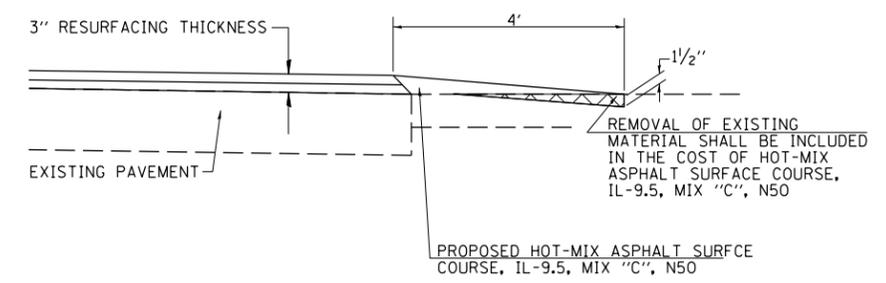


STA A	STA B
58+20	58+80
61+60	61+00

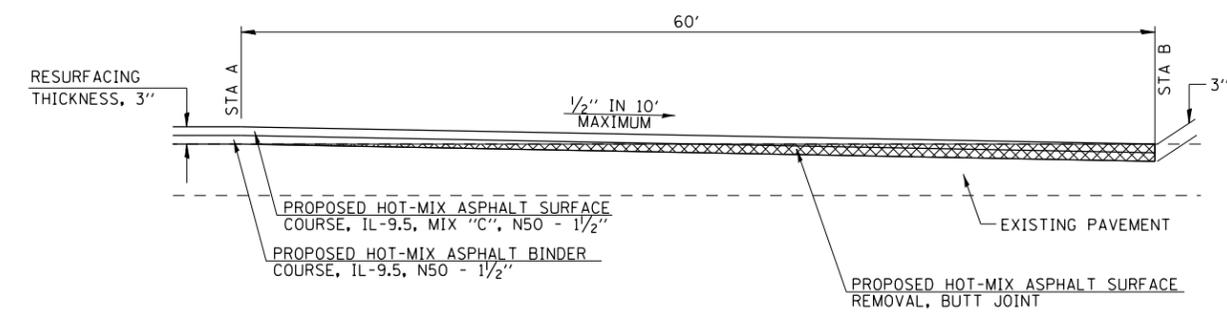
PAVEMENT TRANSITION DETAIL
TYPICAL 4 TO TYPICAL 1 TRANSITION



ENTRANCE DETAIL - PLAN

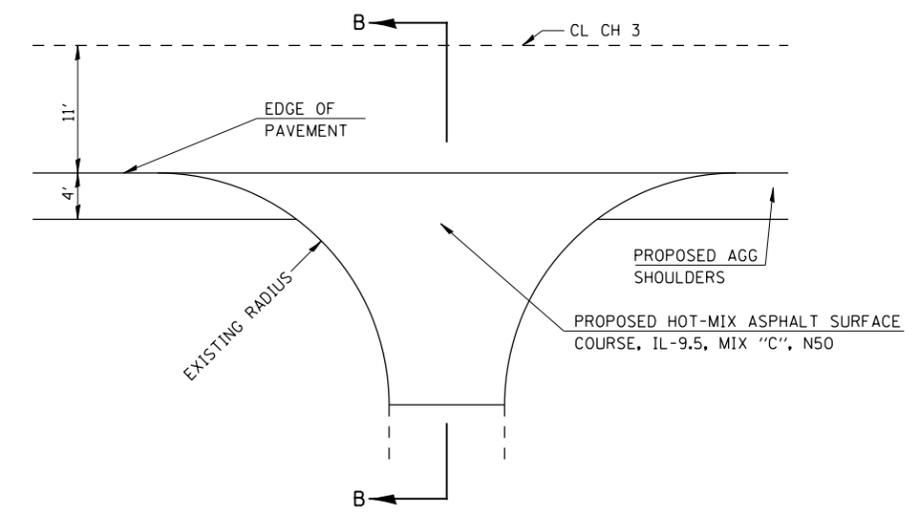


ENTRANCE DETAIL - SECTION B-B

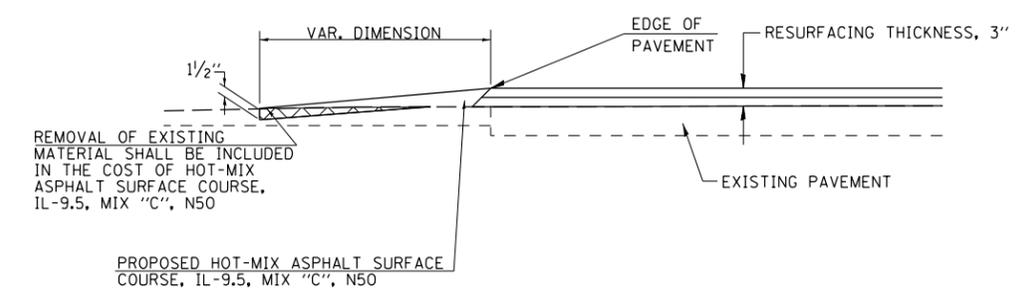


STA A	STA B
5+80	5+20
110+30	110+90
111+60	111+00
206+18	206+78

BUTT JOINT AND PAVEMENT TRANSITION DETAIL
EAST PROJECT LIMIT, RAILROAD CROSSING, AND
TYPICAL 3 TO TYPICAL 1 TRANSITION



SIDEROAD DETAIL - PLAN



SIDEROAD DETAIL - SECTION B-B

MODEL: DEFAULT
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2023



USER NAME = Cburke	DESIGNED - CMB	REVISED -
PLOT SCALE = 100,000' / In.	DRAWN - CMB	REVISED -
PLOT DATE = 10/3/2023	CHECKED - BMB	REVISED -
	DATE - 5/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COUNTY HIGHWAY 3 (BELKNAP ROAD)		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPECIAL DETAILS		928	22-00072-00-R5	JOHNSON	15	15
SCALE: N/A	SHEET 1	OF 1	SHEETS	CONTRACT NO. 99723		

ILLINOIS	FED. AID PROJECT
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