

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	110RS-3; (X-15d)RS-2	SANGAMON	7	1
		ILLINOIS	CONTRACT NO. 72498	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

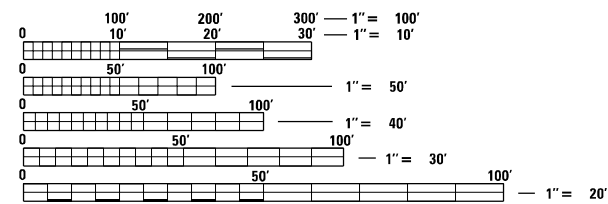
PROPOSED  
HIGHWAY PLANS

SBI 126 (OLD US 66)  
SECTION 110RS-3; (X-15d)RS-2

SMART OVERLAY  
SANGAMON COUNTY

C-96-030-24

ADT = 550 (2022)  
SU = 20 (2022)  
MU = 30 (2022)

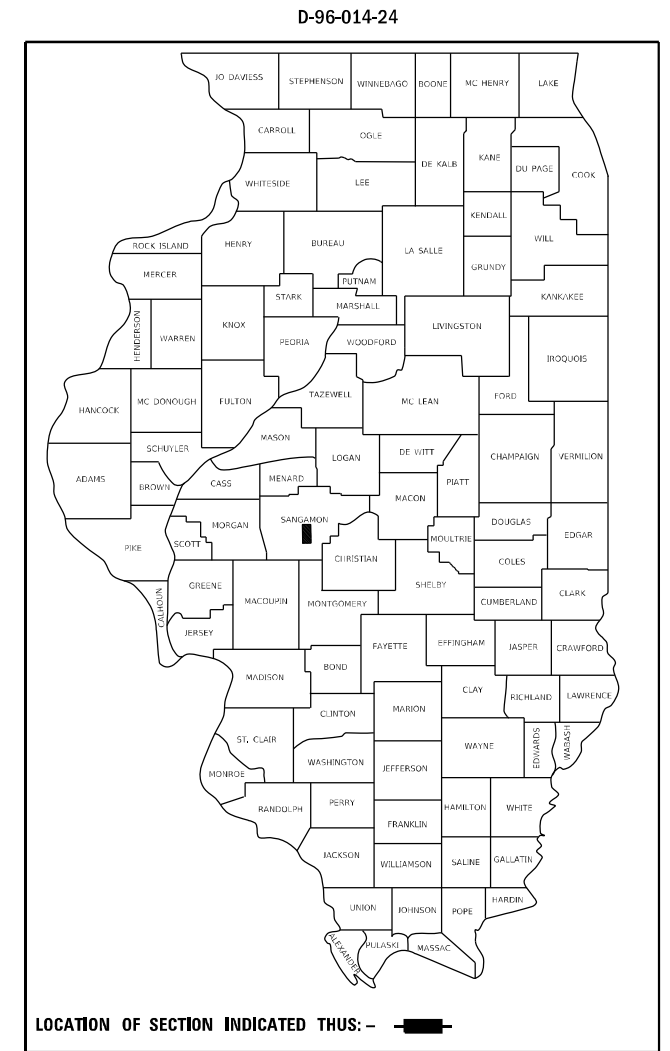
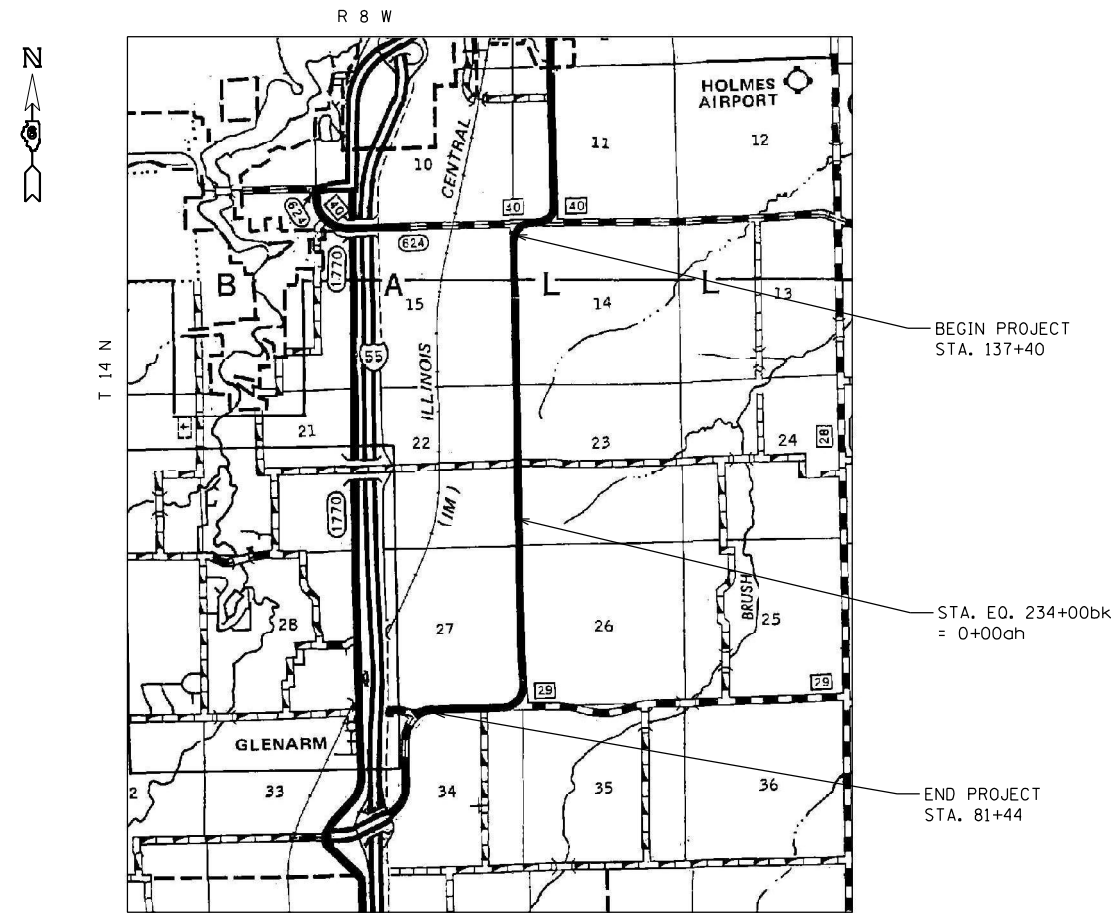


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: MIKE HAMBY (217)524-7765  
PROJECT MANAGER TIM SHARP (217)524-9160

CONTRACT NO. 72498



GROSS LENGTH = 17,744.00 FT. = 3.361 MILE  
NET LENGTH = 17744.00 FT. = 3.361 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 20 24

*John P. Meyer*  
REGIONAL ENGINEER

March 22, 2024  
*John A. Etkin*  
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024  
*Stephen M. Smith*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

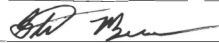
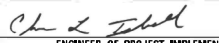
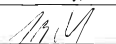
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**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX OF SHEETS, STANDARDS, GENERAL NOTES & SIGNATURES
3.	SUMMARY OF QUANTITIES
4.	SCHEDULES
5.	LOCATION MAP
6.	TYPICAL SECTION
7.	BUTT JOINT DETAIL

**STANDARDS**

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701306-04	LANE CLOSURE, 2L, 2W, DAY ONLY, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS $\geq$ 45 MPH
701901-09	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	February, 9 20 24
 ENGINEER OF OPERATIONS	
EXAMINED	February, 9 20 24
 ENGINEER OF PROJECT IMPLEMENTATION	
EXAMINED	February, 9 20 24
 ENGINEER OF PROGRAM DEVELOPMENT	

THE FOLLOWING RATES OF APPICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTIES:

BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/SQ FT (EX HMA, MILLED SURFACE)
HMA SURFACE(112 LBS)	0.056 TON/SQUARE YARD - INCH (MIX A-C)

MIXTURE REQUIREMENTS	
MIXTURE USE(S):	HMA SURFACE COURSE
PG:	58-28
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	MIX C
MIXTURE WEIGHT:	112 lb/sq yd*in
QUALITY MANAGEMENT:	QC/QA
SUBLOT SIZE:	QCP
MTD REQUIRED:	NO

REV. - MS

MODEL: Default  
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	DRAWN - _____	REVISED - _____
PLOT SCALE = 40.0000 ' / in.	CHECKED - _____	REVISED + _____
PLOT DATE = 2/2/2024	DATE - _____	REVISED + _____

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

**INDEX OF SHEETS, HIGHWAY STANDARDS,**  
**GENERAL NOTES, & SIGNATURES**

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

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	110RS-3; (X-15d)RS-2	SANGAMON	7	2
			CONTRACT NO. 72498	
ILLINOIS   FED. AID PROJECT				



STA.	TO	STA.	LENGTH FT	AVG. WIDTH FT	AREA SQ FT	40600290 BITUMINOUS MATERIALS (TACK COAT)		44000155 HMA SUR. REM (1 1/2")	40604050 HMA SUR. COURSE, IL- 9.5, MIX "C", N50		
						RATE POUND/SQ FT	POUND	SQYD	DEPTH INCH	RATE TON/SQ YD	TON
137+40.00	TO	234+00.00	9660.00	22	212520	0.05	10626	23613	2	0.056	2645
STA. EQ. 234+00bk = 0+00ah											
00+00.00	TO	81+44.00	8144.00	22	179168	0.05	8958	19908	2	0.056	2230
<b>TOTALS</b>			<b>17804</b>	<b>-</b>	<b>391688</b>	<b>-</b>	<b>19584</b>	<b>43521</b>	<b>-</b>	<b>-</b>	<b>4874</b>

40600990 TEMPORARY RAMP				
LOCATION	STA.	WIDTH	LENGTH	SQ YD
		FT	FT	
LEFT	137+40.00	11	6.7	8.2
RIGHT	137+40.00	11	6.7	8.2
LEFT	81+44.00	11	6.7	8.2
RIGHT	81+44.00	11	6.7	8.2
<b>TOTAL</b>				<b>32.8</b>

780001120 PAINT PAVEMENT MARKING - LINE 5"				
LOCATION	BEGIN STA.	END STA.	YELLOW SKIP DASH FT	WHITE EDGE FT
LEFT & RIGHT	137+40.00	234+00.00		19320.00
STA. EQ. 234+00bk = 0+00ah				
LEFT & RIGHT	00+00.00	81+44.00		16288.00
STA.	137+40.00	234+00.00	2415.00	
STA. EQ. 234+00bk = 0+00ah				
STA.	00+00.00	81+44.00	2036.00	
<b>TOTALS:</b>			<b>4451.00</b>	<b>35608.00</b>

AGGREGATE WEDGE SHOULDERS, TYPE B							
LOCATION FOR AGGREGATE SHOULDER WORK			LEFT RIGHT	LENGTH	WIDTH	AREA	AGGREGATE WEDGE SHOULDER, TYPE B (AVERAGE DEPTH = 1") 48102100
STATION	TO	STATION		(FOOT)	(FOOT)	(SQ YD)	(TON)
137+40.00	TO	234+00.00	LEFT	9660.00	3	3,220.00	143.11
STA. EQ. 234+00bk=0+00ah							
0+00.00	TO	81+44.00	LEFT	8144.00	3	2,714.67	120.65
137+40.00	TO	234+00.00	RIGHT	9660.00	3	3,220.00	143.11
STA. EQ. 234+00bk=0+00ah							
0+00.00	TO	81+44.00	RIGHT	8144.00	3	2,714.67	120.65
<b>TOTAL =</b>				<b>35,608</b>		<b>11,869</b>	<b>528</b>

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DRAWN - _____	REVISIONS - _____	
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PLOT DATE = 2/2/2024	DATE - _____	REVISED - _____

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

<b>SCHEDULES</b>	
SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	110RS-3: (X-15d)RS-2	SANGAMON	7	4
CONTRACT NO. 72498				
ILLINOIS FED. AID PROJECT				



BEGIN PROJECT  
STA. 137+40

STA. EQ. 232+00bk=0+00ch

END PROJECT  
STA. 81+44

Glenham

.13

3.47

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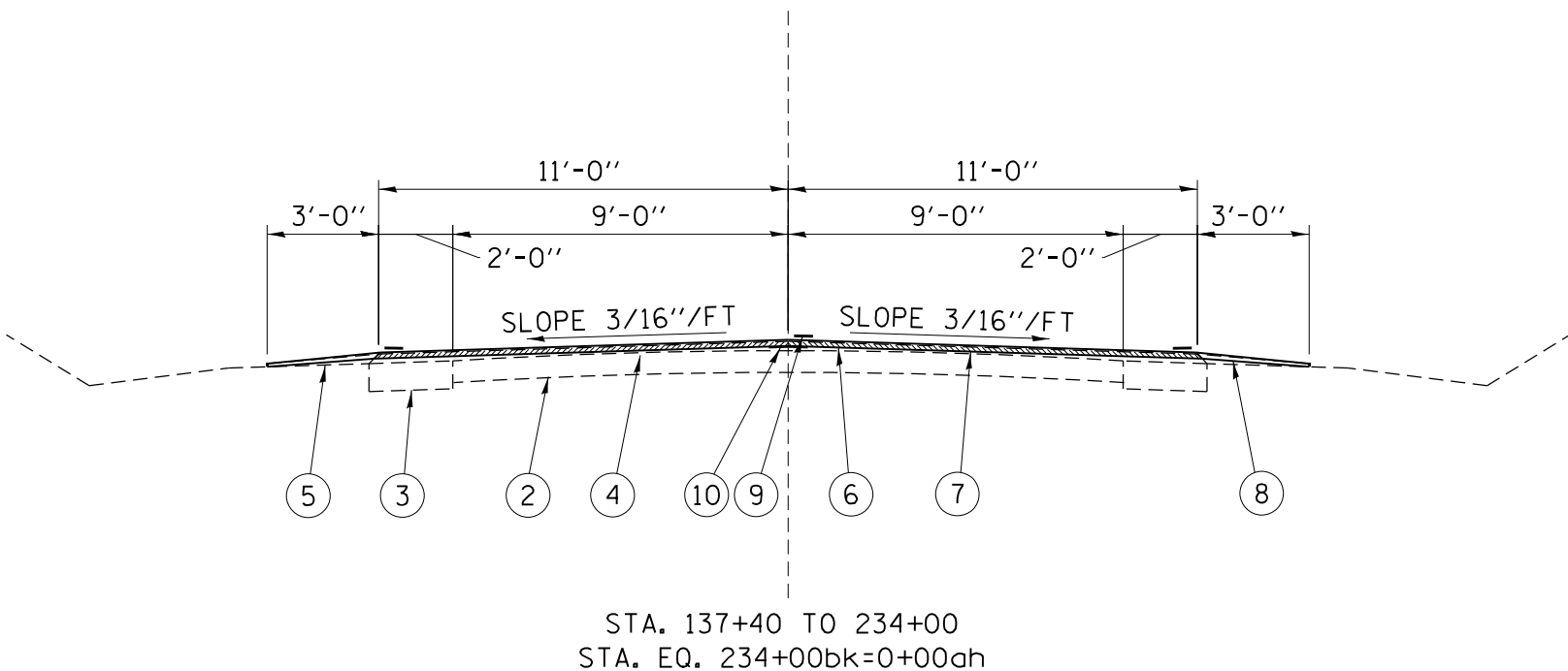
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PLOT DATE = 2/2/2024	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION MAP**

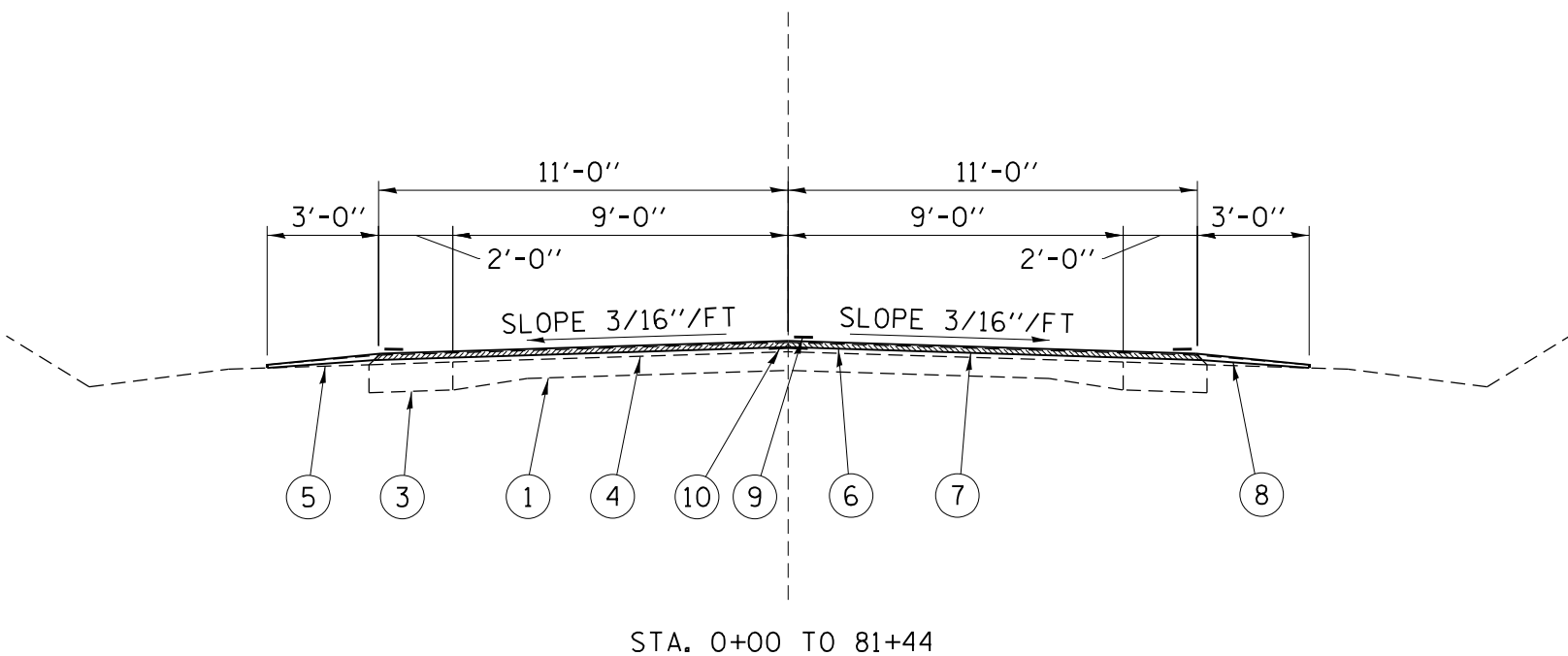
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S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	110RS-12833-RS-2	SANGAMON	7	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72498	



LEGEND

- ① EXIST. P.C.C. PAVEMENT 9-6-9
- ② EXIST. P.C.C. PAVMENT 7" (2" CIRCULAR CROWN)
- ③ EXIST. BASE COURSE WIDENING 9"
- ④ EXIST. H.M.A. SURFACE 3"
- ⑤ EXIST. AGGREGATE SHOULDERS, TYPE B
- ⑥ PROP. H.M.A. SURFACE REMOVAL 1 1/2"
- ⑦ PROP. H.M.A SURFACE COURSE, IL-9.5, MIX "C", N50 2"
- ⑧ POPR. AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑨ PROP. PAINT PAVEMENT MARKING - LINE 5"
- ⑩ PROP. LONGITUDINAL JOINT SEALANT



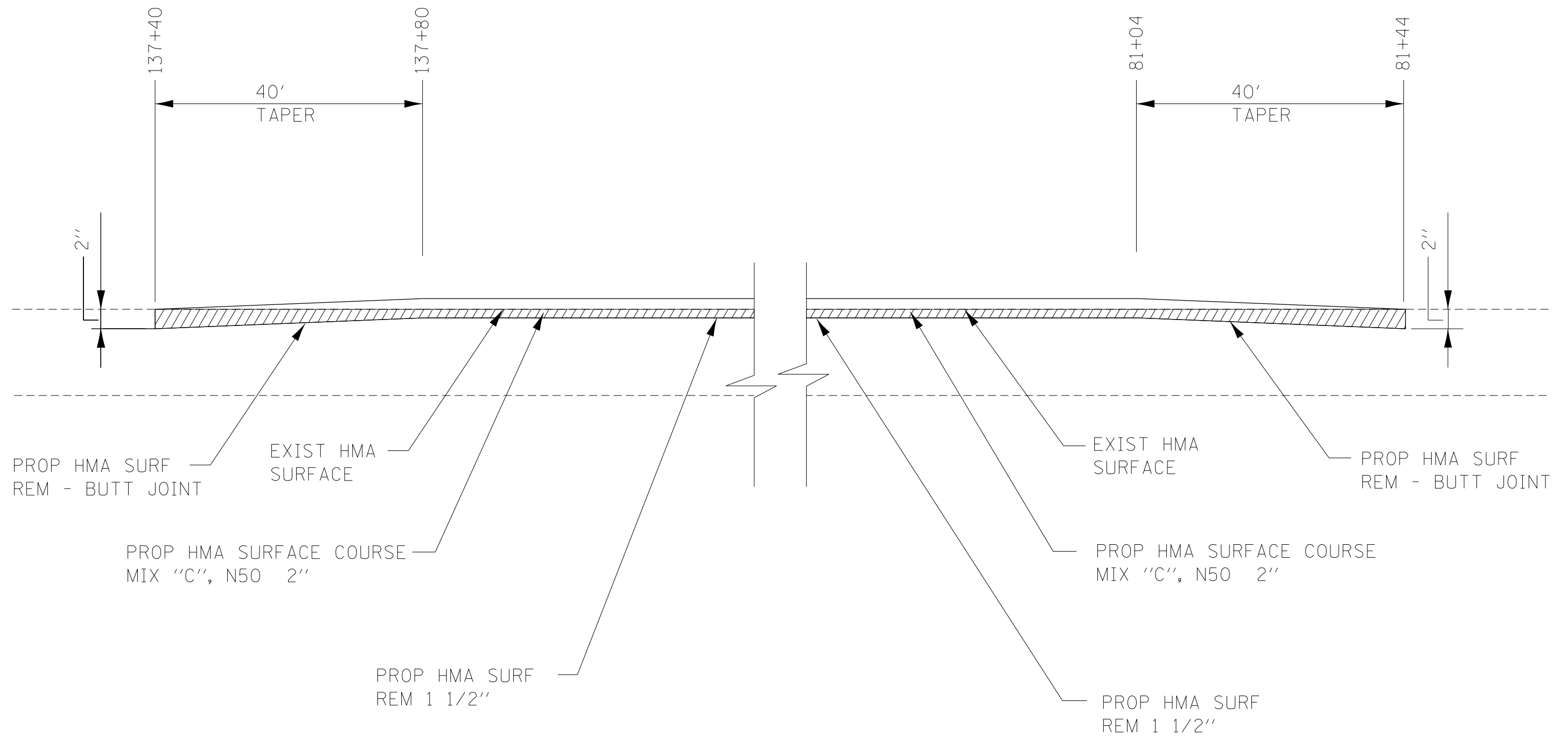
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PLOT SCALE = 5,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 2/2/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL	
SCALE:	SHEET OF SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	(110RS-3; (X-15d)RS-2	SANGAMON	7	6
CONTRACT NO. 72498				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT-JOINT DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126	110RS-3; (X-15d)RS-2	SCOTT	7	7
CONTRACT NO. 72498				
ILLINOIS FED. AID PROJECT				