

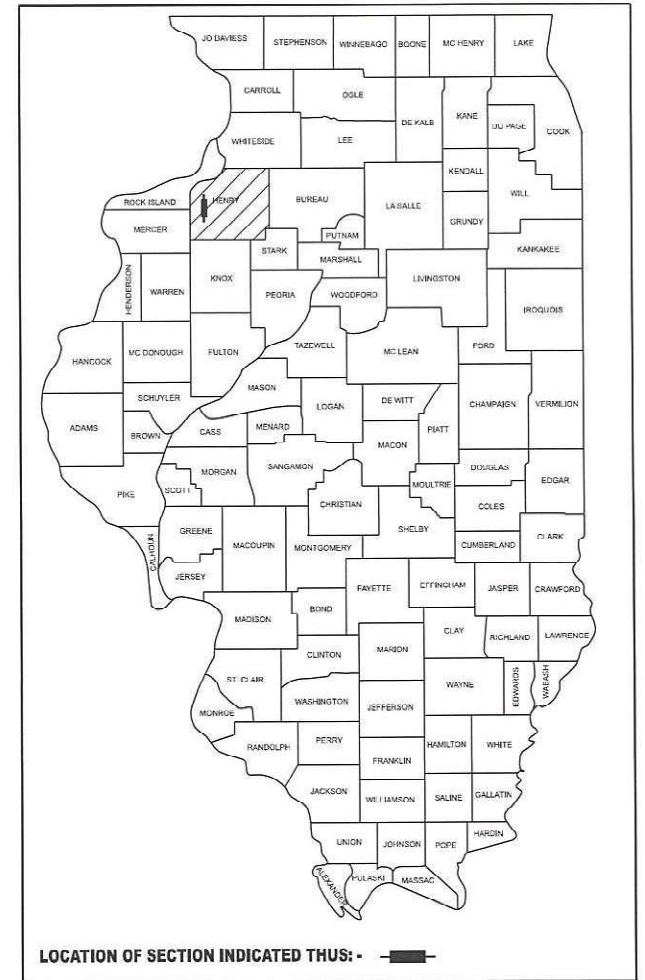
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED  
HIGHWAY PLANS

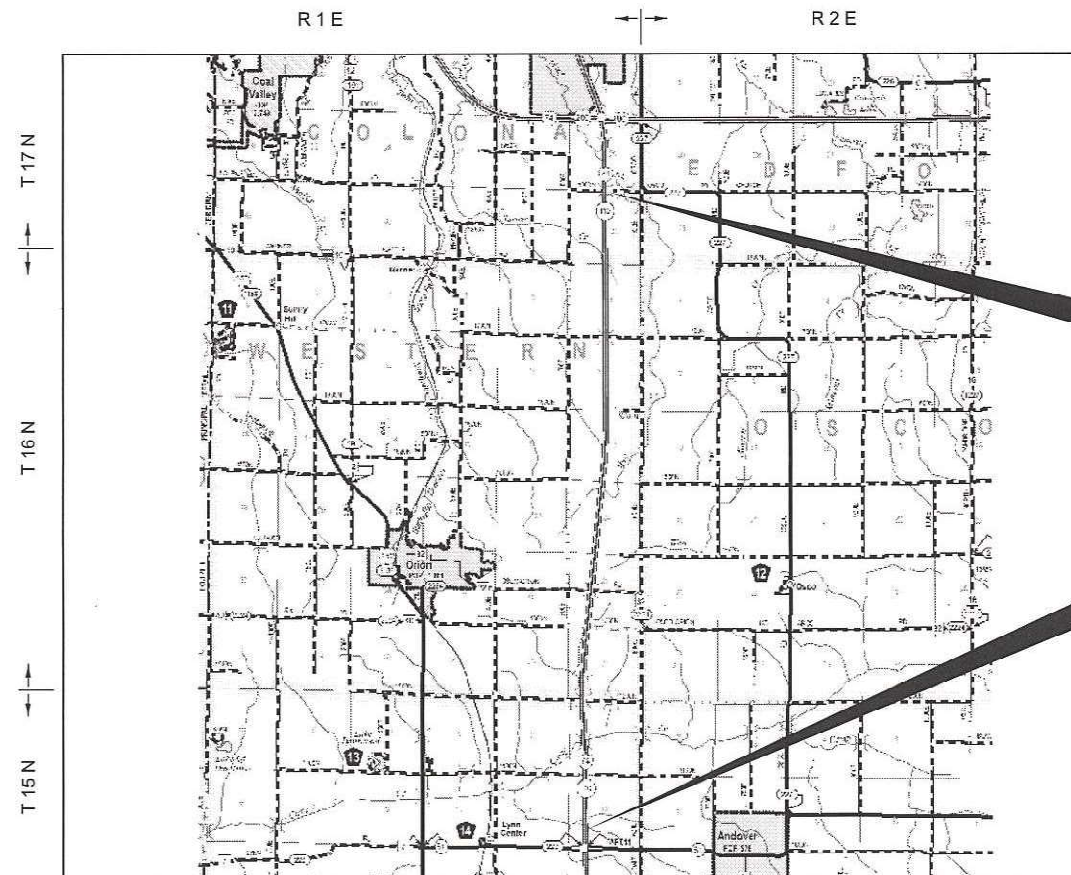
ROUTE FAI 74 (I-74)  
SECTION (37-2-1, 37-2, 37-3) PP-2023  
PAVEMENT PATCHING  
HENRY COUNTY

F-A-I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-2-1, 37-2, 37-3) PP-2023	HENRY	4	1
		ILLINOIS	CONTRACT NO. 64S95	

\*4 + 1 = 5 TOTAL SHEETS

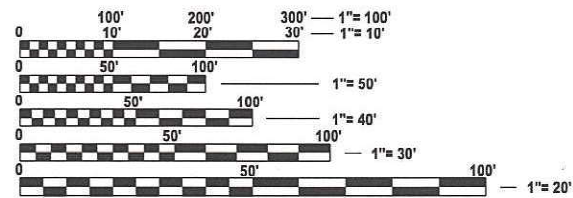


C-92-012-24



PROJECT ENDS  
1900 N AVE OVERPASS

PROJECT BEGINS  
1 MILE NORTH  
OF IL 81 @ MP 23



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

GROSS LENGTH = 85,536 FT. = 16.2 MILE  
NET LENGTH = 42,768 FT. = 8.1 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 23, 2024  
Stephen M. Trautman  
REGIONAL ENGINEER

March 22, 2024  
S. E. A. Etk  
ENGINEER OF DESIGN AND ENVIRONMENT

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

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

CONTRACT NO. 64S95

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, STANDARDS, GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 PATCHING SCHEDULE EASTBOUND
- 5 PATCHING SCHEDULE WESTBOUND

**HIGHWAY STANDARDS**

- 001001-02 AREAS OF REINFORCEMENT BARS
- 442001-04 CLASS A PATCHES
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5m) TO 24'(600mm) FROM PAVEMENT EDGE
- 701400- 12 APPROACH TO LANE CLOSURE, FREEWAY/ EXPRESSWAY
- 701401- 13 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406- 13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701901- 09 TRAFFIC CONTROL DEVICES
- 720011-01 METAL POST FOR SIGNS, MARKERS AND DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A AND B METAL POST (FOR SIGNS & MARKERS)

**DISTRICT STANDARDS**

- 34.1 WORK ZONE SIGN DETAILS

**GENERAL NOTES**

WHEN LAYING OUT FOR PATCHING, THE MINIMUM DISTANCE BETWEEN NEW PATCHES ( SAW CUT TO SAW CUT) SHALL BE 15 FEET. WHEN PATCH SPACING IS LESS THAN 15 FEET, THE PAVEMENT BETWEEN PATCHES SHALL ALSO BE REMOVED AND REPLACED.

THIS PROJECT HAS AREAS OF BOTH BARE CONCRETE AND CONCRETE WITH AN OVERLAY. THE THICKNESS OF THE CONCRETE RANGES FROM 7.0 TO 10.5 WITH AN AVERAGE THICKNESS OF 8.0. THE OVERLAY THICKNESS RANGES FROM 3.25 TO 5.3 WITH AN AVERAGE THICKNESS OF 4.7. ALL PATCHES FOR THIS PROJECT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS A PATCHES OF THE TYPE THICKNESS CALLED OUT IN THE PLANS. THE REMOVAL OF ANY BITUMINOUS OVERLAY SHALL NOT BE PAID FOR SEPARATE. ALL CONCRETE PATCHES SHALL BE FINISHED FLUSH WITH THE EXISTING PAVEMENT. NO PATCHES SHALL BE OVERLAID.

SAW CUTTING OF THE CLASS A PATCHES WILL BE DONE ACCORDING TO THE STANDARD SPECIFICATION BOOK SECTION 442.05 PAVEMENT REMOVAL. THE 2 INITIAL TRANSVERSE SAW CUTS SHALL BE PARTIAL DEPTH SO AS NOT TO SEVER THE EXISTING REINFORCEMENT. FULL DEPTH INITIAL SAW CUTS WILL NOT BE ALLOWED NOR WILL DRILLING AND EPOXYING OF TIE BARS TO TIE NEW LONGITUDINAL STEEL TO AS THIS CAUSES DAMAGE TO THE PAVEMENT JOINT.

THE RE SHALL CONTACT STEPHANIE McMEEKAN AT (815) 677-5282 FOR PATCHING LAYOUT

MODEL: D:\\_SUIT\INDEXY  
FILE NAME: P:\BOS\p\work\dot\documents\DOT\Office\District 2\CRD Project\Operations\Maintenance Section\Stephanie McMeekan\Henry Operations\Contract Maintenance\FY 2024\64S95 - IFA Patching\CA\Sheet\64S95-02-Index Sheet

USER NAME = Nicholas.Vock	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS &amp; HIGHWAY STANDARDS</b>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	74			(37-2-1, 37-2, 37-3) PP-2023	HENRY	5	2	
PLOT SCALE = 0.1667" / in.	CHECKED -	REVISED -			CONTRACT NO. 64S95				
PLOT DATE = 1/24/2024	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

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 FILE NAME: I:\Projects\Operations\Maintenance Section\Sheehy\Main\Main\Main\FY 2024\64S95 - ITA Patching\CAD\Drawings\SSP-45-S00

SUMMARY OF QUANTITIES				CONSTR. CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE	
				NONE	0006
44200553	CLASS A PATCHES, TYPE II, 10 INCH	SQ YD	1307	1307	
44200557	CLASS A PATCHES, TYPE III, 10 INCH	SQ YD	282	282	
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	334	334	
44213000	PATCHING REINFORCEMENT	SQ YD	1921	1921	
44213200	SAWCUTS	FOOT	10992	10992	
44213204	TIE BARS 3/4"	EACH	117	117	
67100100	MOBILIZATION	L SUM	1	1	
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1	1	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15	
X7010410	SPEED DISPLAY TRAILER	CAL MO	3	3	

USER NAME = Nicholas,Vock	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 0.1667" / in.	CHECKED -	REVISED -
PLOT DATE = 1/24/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(32-2-1, 37-2, 37-3) PP-2023	HENRY	5	3
CONTRACT NO. 64S95				
ILLINOIS FED. AID PROJECT				





MODEL: D:\\_SUF SCHEDULE  
 FILE NAME: I:\\_Patching\CA\B sheets\S95-174 Patching CA\B sheets\S95-174 Patching Schedule WB

STA	FIELD INPUT AREA		AREA OF PATCHES								ADDITIONAL ITEMS		
	LENGTH OF PATCH		TYPE 1		TYPE 2		TYPE 3		TYPE 4		SAWING (3W+?L) (ft)	TIE BARS (each)	PATCH REINFORCEMENT (yd <sup>2</sup> )
	LT LANE (ft)	RT LANE (ft)	LT LANE (yd <sup>2</sup> )	RT LANE (yd <sup>2</sup> )	LT LANE (yd <sup>2</sup> )	RT LANE (yd <sup>2</sup> )	LT LANE (yd <sup>2</sup> )	RT LANE (yd <sup>2</sup> )	LT LANE (yd <sup>2</sup> )	RT LANE (yd <sup>2</sup> )			
WB/NB 74													
Ramp/ 23.0 MP	6	6			8.0	8.0					114		16.0
Bare Concrete		6				8.0					60		8.0
Bridge		8				10.7					64		10.7
		15						20.0			78		20.0
		12						16.0			72		16.0
		15						20.0			78		20.0
		12						16.0			72		16.0
22.0 MP (1/2 lane existing patch)		25								33.3	98	12	33.3
	6				8.0						60		8.0
1200 N													
		14						18.7			76		18.7
HMA/21.0 MP													
Bare Concrete	6				8.0						60		8.0
Bridge		12						16.0			72		16.0
		20								26.7	88	9	26.7
HMA	6				8.0						60		8.0
	6				8.0						60		8.0
	7				9.3						62		9.3
	6				8.0						60		8.0
	7				9.3						62		9.3
19.0 MP													
18.0 MP													
Bare Concrete/17.0 MP													
		30								40.0	108	14	40.0
existing 1/2 patch		25								33.3	98	12	33.3
HMA													
16.0 MP													
Total			0.0	0.0	66.7	26.7	0.0	106.7	0.0	133.3	1502	47	333.3

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

**PATCHING SCHEDULE WESTBOUND**

USER NAME = Nicholas Vock	DESIGNED -	REVISED -
PLOT SCALE = 0.1667"/in.	DRAWN -	REVISED -
PLOT DATE = 1/25/2024	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(37-2-1, 37-2, 37-3)PP-2023	HENRY	5	5
SCALE:	SHEET	OF	SHEETS	STA.
				TO STA.

ILLINOIS	FED. AID PROJECT
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