

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 74 (I-74)
SECTION 48(27-29)PP
CONTRACT MAINTENANCE
KNOX COUNTY

FAI RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27-29)PP	KNOX	6	1
		ILLINOIS	CONTRACT NO. 68G95	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 COMMITMENTS, GENERAL NOTES, AND PROJECT SPECIFIC NOTES
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6 LINE DIAGRAM

ILLINOIS HIGHWAY STANDARDS

- 000001-08
- 442001-04
- 701400-11
- 701401-13
- 701411-09
- 701901-08

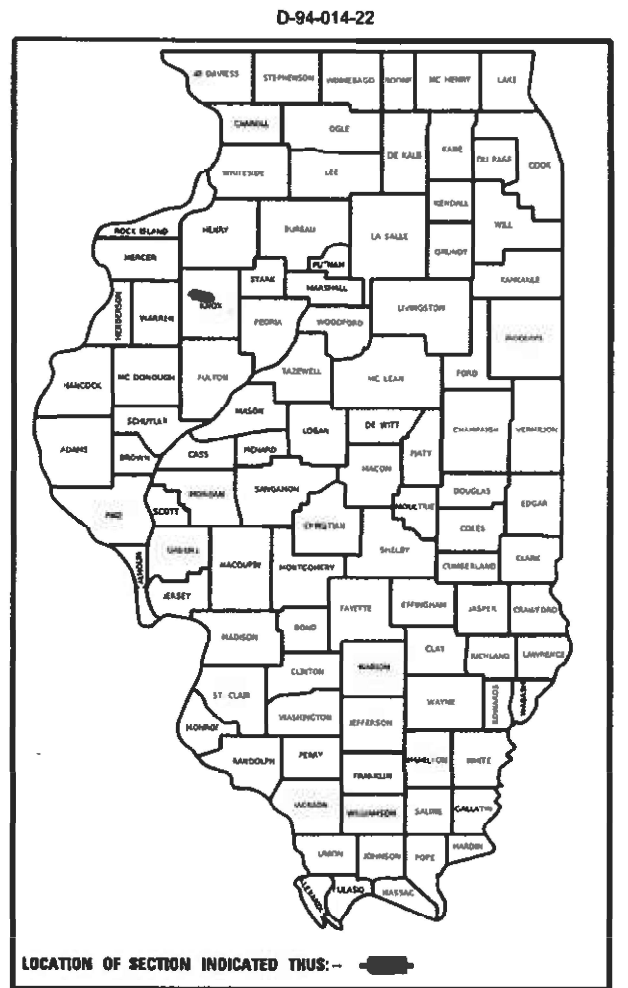
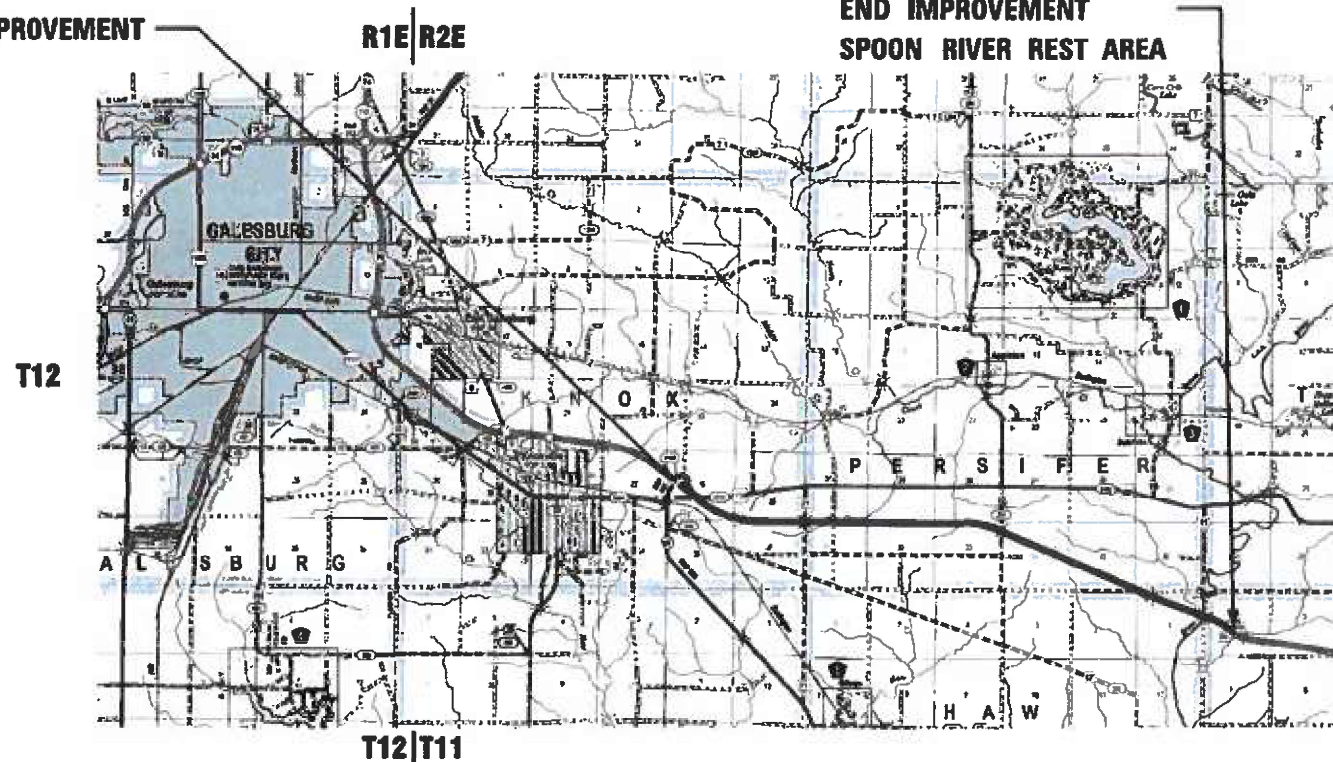
DESIGN DESIGNATION

- I-74: INTERSTATE
- ADT: 16,200 (2019)
- SU: 4,150
- MU: 775

BEGIN IMPROVEMENT
US 150

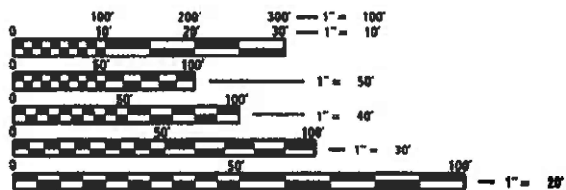
C-94-029-22

END IMPROVEMENT
SPOON RIVER REST AREA



PROJECT DESCRIPTION:

PAVEMENT PATCHING ON WB I-74 FROM
US 150/L 97 INTERCHANGE TO
SPOON RIVER REST AREA



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: BEN TELLEFSON (309) 671-3333
PROJECT MANAGER: WILL MOSER (309) 671-3333
CATALOG NO. 036303-00D
CONTRACT NO. 68G95

Mark C. Lee
MARK C. LEE DATE 3/29/22
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-060864
LICENSE EXPIRES NOVEMBER 30, 2023

GROSS LENGTH = 50,794.00 FT. = 9.62 MILE
NET LENGTH = 50,794.00 FT. = 9.62 MILE

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309.342.4042
Cuboy, IL, Hannibal, MO
Burlington, IA, Peoria, IA, Columbia, MO
Des Moines, IA, Carbondale, IL
DESIGN FIRM NO. 184-2738

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED *March 30 2022*
Ben Tellefson
REGIONAL ENGINEER
May 13, 2022 *John A. Etk*
ENGINEER OF DESIGN AND ENVIRONMENT
May 13, 2022 *Stephen M. Smith*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS HAVE BEEN MADE ON THIS PROJECT.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND /OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (CULTURAL AND NATURAL RESOURCE REVIEW OF BORROW AREAS)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM-D4 PI0101

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

JOB SPECIFICATIONS

1. FLAGGERS, WHEN SHOWN, SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD PAY ITEMS.
2. ONE CHANGEABLE MESSAGE SIGN SHALL BE PLACED IN ADVANCE OF THE PROJECT ONE WEEK PRIOR TO CONSTRUCTION.

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 562-343-4433 Davenport, IA, Charleston, IA

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PLOT DATE = 3/18/2022

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DRAWN - MCR	REVISED -
CHECKED - MCL	REVISED -
DATE -	REVISED -

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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMMITMENTS, GENERAL NOTES,
AND PROJECT SPECIFIC NOTES**

SCALE: NONE SHEET 2 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27-29)PP	KNOX	6	2
CONTRACT NO. 68G95				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				KNOX COUNTY								
				100% STATE								
				0006 RURAL								
44200513	CLASS A PATCHES, TYPE I, 7"	SQ YD	150	150								
44200517	CLASS A PATCHES, TYPE II, 7"	SQ YD	280	280								
44200521	CLASS A PATCHES, TYPE III, 7"	SQ YD	155	155								
44213000	PATCHING REINFORCEMENT	SQ YD	585	585								
44213200	SAW CUTS	FOOT	3720	3720								
67100100	MOBILIZATION	L SUM	1	1								
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1								
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	7	7								
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	7	7								

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 300-445-4452

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 3	OF 6 SHEETS	STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27-29)PP	KNOX	6	3
CONTRACT NO. 68G95				
ILLINOIS FED. AID PROJECT				

MOBILIZATION	
LOCATION	L SUM
I-74	1
TOTAL	1

CLASS A PATCHES, TYPE I, 7"	
LOCATION	SQ YD
I-74	150
TOTAL	150

TRAFFIC CONTROL & PROTECTION STANDARD 701401	
LOCATION	EACH
I-74	1
TOTAL	1

CLASS A PATCHES, TYPE II, 7"	
LOCATION	SQ YD
I-74	280
TOTAL	280

TRAFFIC CONTROL & PROTECTION STANDARD 701411	
LOCATION	EACH
I-74	1
TOTAL	1

CLASS A PATCHES, TYPE III, 7"	
LOCATION	SQ YD
I-74	155
TOTAL	155

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL DAY
I-74	7
TOTAL	7

PATCHING REINFORCEMENT	
LOCATION	SQ YD
I-74	585
TOTAL	585

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DAY
IL 41	7
TOTAL	7

SAW CUTS	
LOCATION	FOOT
I-74	3720
TOTAL	3720

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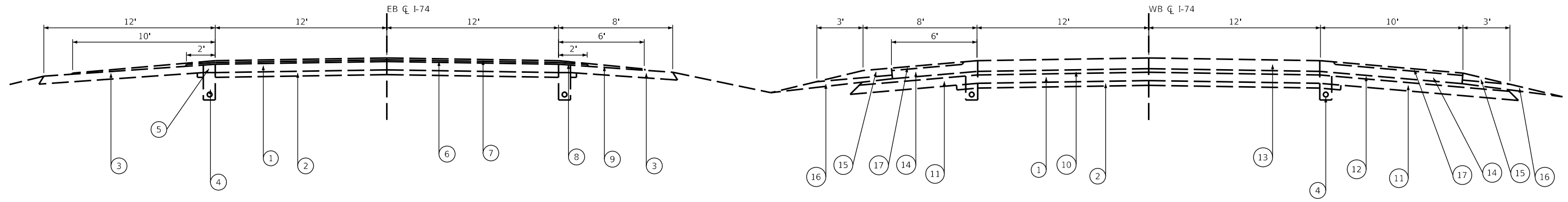


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
NONE	4	6	
			STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27-29)PP	KNOX	6	4
			CONTRACT NO. 68G95	
		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL I-74 SECTION
(US 150 TO SPOON RIVER REST AREA)

LEGEND

- | | | | |
|---|---|---|---|
| ① | EXISTING C.R.C.P. BASE COURSE, 7" | ⑩ | EXISTING BITUMINOUS BASE COURSE, 3" |
| ② | EXISTING B.A.M. STABILIZED SUB-BASE, 4" | ⑪ | EXISTING STABILIZED BITUMINOUS BASE COURSE, 7" |
| ③ | EXISTING STABILIZED BITUMINOUS SHOULDERS, 7" | ⑫ | EXISTING STABILIZED BITUMINOUS BASE COURSE, 1"-3" |
| ④ | EXISTING PIPE UNDERDRAIN, 4" | ⑬ | EXISTING C.R.C.P., 9" |
| ⑤ | EXISTING BITUMINOUS SHOULDER REPLACEMENT, 7" | ⑭ | EXISTING P.C.C. SHOULDERS, 9" |
| ⑥ | EXISTING HMA BINDER COURSE, 1 1/2", (1ST LIFT) | ⑮ | EXISTING AGGREGATE SHOULDERS, TYPE B |
| ⑦ | EXISTING HMA BINDER COURSE, 1 1/2", (2NS LIFT) | ⑯ | EXISTING TOPSOIL |
| ⑧ | EXISTING HMA BINDER SHOULDER COURSE, (1ST LIFT) | ⑰ | EXISTING RUMBLE STRIP |
| ⑨ | EXISTING HMA BINDER SHOULDER COURSE (2ND LIFT) | | |

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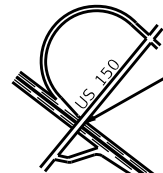
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
SCALE: NONE	SHEET 5 OF 6 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27-29)PP	KNOX	6	5
CONTRACT NO. 68G95				
ILLINOIS FED. AID PROJECT				



KNOXVILLE

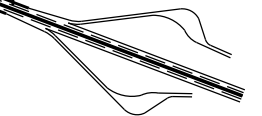


PROJECT START WB I-74

I-74

PROJECT END WB I-74

SPOON RIVER
REST AREA



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 Danvers, IL, Cantonville, IL

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM

SCALE: NONE SHEET 6 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27-29)PP	KNOX	6	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68G95	