

06-17-2022 LETTING ITEM 192

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(42,10)PP	KNOX	6	1
ILLINOIS CONTRACT NO. 68G96				

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

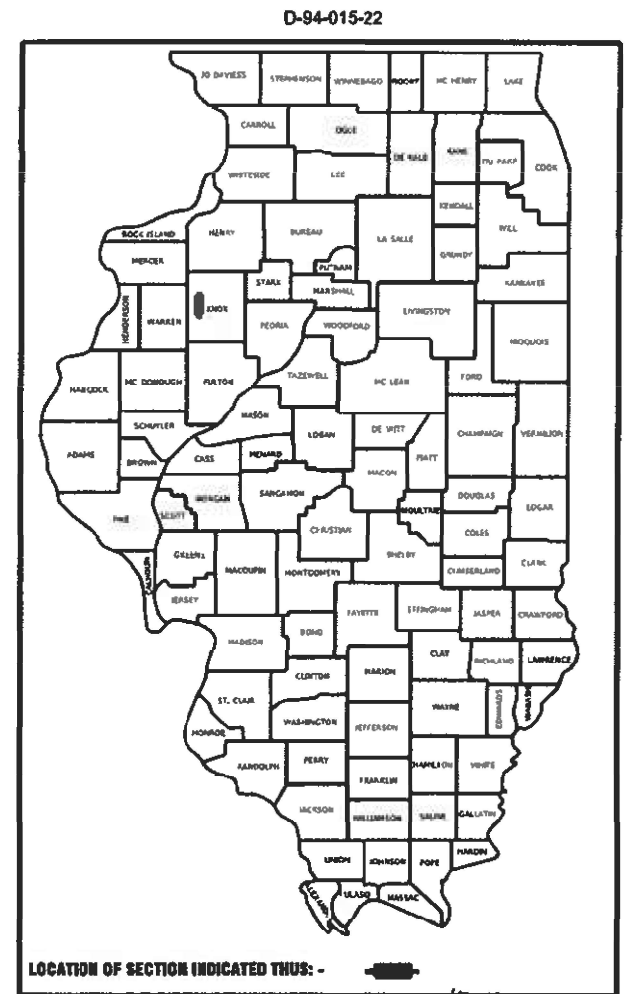
- 000001-08
- 701201-05
- 701336-07
- 701901-08

DESIGN DESIGNATION

IL 97/US 150: MINOR ARTERIAL
ADT: 2,650 (2019)
SU: 100
MU: 90

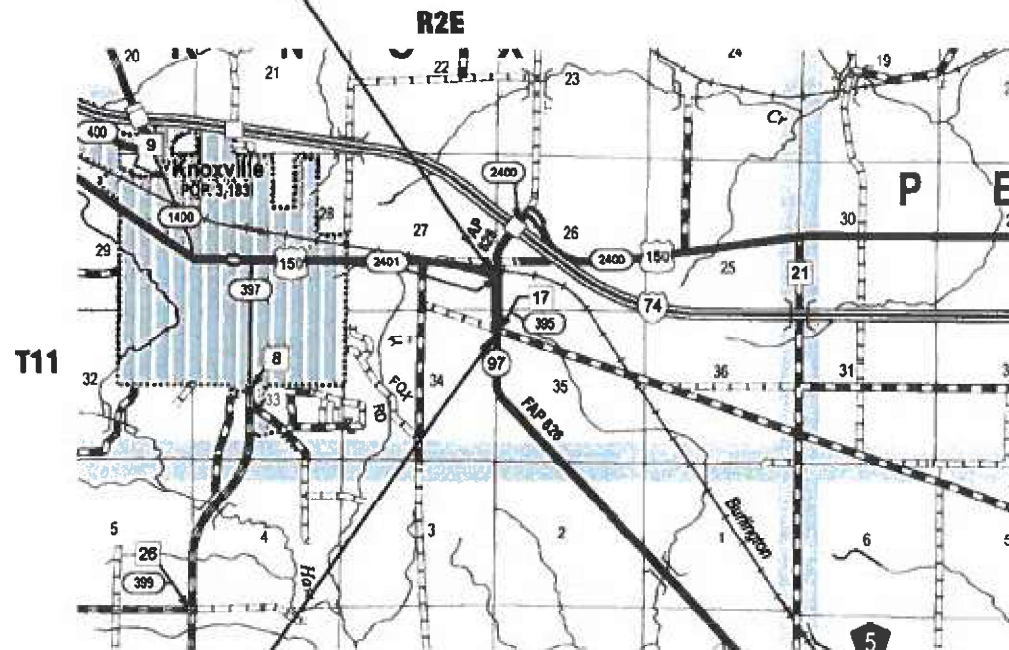
PROPOSED
HIGHWAY PLANS

FAP ROUTE 626 (IL 97) AND FAS ROUTE 2400 (US 150)
SECTION (42,106)PP
CONTRACT MAINTENANCE
KNOX COUNTY



END IMPROVEMENT
US 150

C-94-030-22



BEGIN IMPROVEMENT
HIGHWAY 17/CR 1290N



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. 036304-00D
CONTRACT NO. 68G96

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 = 4594.00 FT. = 0.87 MILE
NET LENGTH = 4594.00 FT. = 0.87 MILE

KLINGNER & ASSOCIATES, P.C.
Engineers • Architects • Surveyors
www.klingner.com
Galesburg, Illinois
49 North Prairie Street
308.342.6042
Quincy, IL, Hannibal, MO
Burlington, IA, Peoria, IA, Columbia, MO
Des Moines, IA, Carbondale, IL
DESIGN FIRM NO. 184-2738

PROJECT DESCRIPTION:

PARTIAL DEPTH PATCHING ON IL 97 FROM US 150/IL 97 INTERCHANGE WITH I-74 TO HIGHWAY 17/CR 1290N.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 30, 2022
Rena A. James REGIONAL ENGINEER

May 13, 2022 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 [Signature]
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 P10101

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. TWO CHANGEABLE MESSAGE SIGNS SHALL BE PLACED IN ADVANCE OF THE PROJECT. ONE PER EACH DIRECTION OF TRAVEL ON IL 97 ONE WEEK PRIOR TO CONSTRUCTION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATION(S)	MAINLINE
MIXTURE USE(S):	PATCHING
PG:	PG 58-28
DESIGN AIR VOIDS:	4% N=50
MIXTURE COMPOSITION:	IL 9.5
FRICTION AGGREGATE:	MIX C
MIXTURE WEIGHT:	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	N/A
MATERIAL TRANSFER DEVICE:	NO

NOTES:

1) INDIVIDUAL LIFT THICKNESS OF EACH MIX TYPE WILL BE NO LESS THAN 3 TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN 6 TIMES NOMINAL MAXIMUM.

2) FOR DESIGN PURPOSES, MIXTURE WEIGHT FOR ALL MIXES IS DETERMINED TO BE 112.0 LB./S.Y./IN., UNLESS OTHERWISE NOTED.

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KLINGNER & ASSOCIATES, P.C.
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 www.klingner.com
 Galesburg, Illinois Quincy, IL Marshall, MO
 40 North Pryor Street Burlington, MA P.O. Box 100 Columbia, MO
 200 West 4th Street Des Moines, IA Columbus, IA

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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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(42,106)PP	KNOX	6	2
CONTRACT NO. 68G96				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				KNOX COUNTY	KNOX COUNTY		
				100% STATE	100% STATE		
				0006 URBAN	0006 RURAL		
67100100	MOBILIZATION	L SUM	1	0.1	0.9		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.1	0.9		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.1	0.9		
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	14	2	12		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	30	3	27		
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	2062	206	1856		
X4421000	PARTIAL DEPTH PATCHING	TON	235	23.5	211.5		



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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE	SHEET 3 OF 6 SHEETS	STA. N/A TO STA. N/A
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(42.106)PP	KNOX	6	3
CONTRACT NO. 68G96			ILLINOIS FED. AID PROJECT	

MOBILIZATION	
LOCATION	L SUM
IL 97	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION STANDARD 701201	
LOCATION	L SUM
IL 97	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION STANDARD 701336	
LOCATION	L SUM
IL 97	1
TOTAL	1

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL DAY
IL 97	14
TOTAL	14

LANE	LENGTH	WIDTH	AREA	PARTIAL DEPTH PATCHING (SPL)	PARTIAL DEPTH PATCHING (2")
	FT	FT	SQ YD	SQ YD	TON
NB	12	63	84.0	84.0	9.6
NB	12	6	8.0	8.0	0.9
NB	12	6	8.0	8.0	0.9
NB	12	4	5.3	5.3	0.6
NB	12	50	66.7	66.7	7.6
NB	12	4	5.3	5.3	0.6
NB	12	4	5.3	5.3	0.6
NB	3	200	66.7	66.7	7.6
NB	12	4	5.3	5.3	0.6
NB	6	24	16.0	16.0	1.8
NB	12	4	5.3	5.3	0.6
NB	12	4	5.3	5.3	0.6
NB	12	4	5.3	5.3	0.6
SB	14	680	1057.8	1057.8	120.6
SB	14	300	466.7	466.7	53.2
SB	12.5	100	138.9	138.9	15.8
SB	12	84	112.0	112.0	12.8
TOTAL				2062	235

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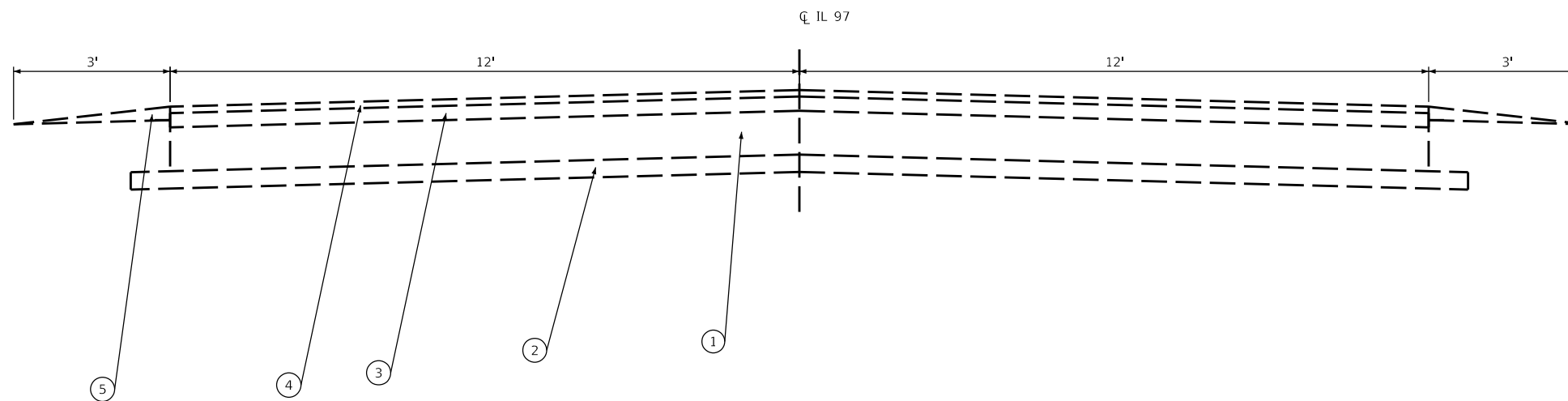


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(42.106)PP	KNOX	6	4
CONTRACT NO. 68G96			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL IL 97 SECTION
(HIGHWAY 17 TO US 150/IL 97 INTERCHANGE WITH I-74)

LEGEND

- ① EXISTING P.C.C. PAVEMENT, 10"
- ② EXISTING AGGREGATE SUB-BASE 4"
- ③ EXISTING OVERLAY 3 1/4"
- ④ EXISTING HMA SURFACE COURSE 1 1/2"
- ⑤ EXISTING AGGREGATE SHOULDERS TYPE B

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 DATE: 3/18/2022

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 40 North Payne Street
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 Quincy, IL, Macomb, MD
 Burlington, MA, Plover, WI, Columbia, MO
 Danvers, IL, Columbus, IA

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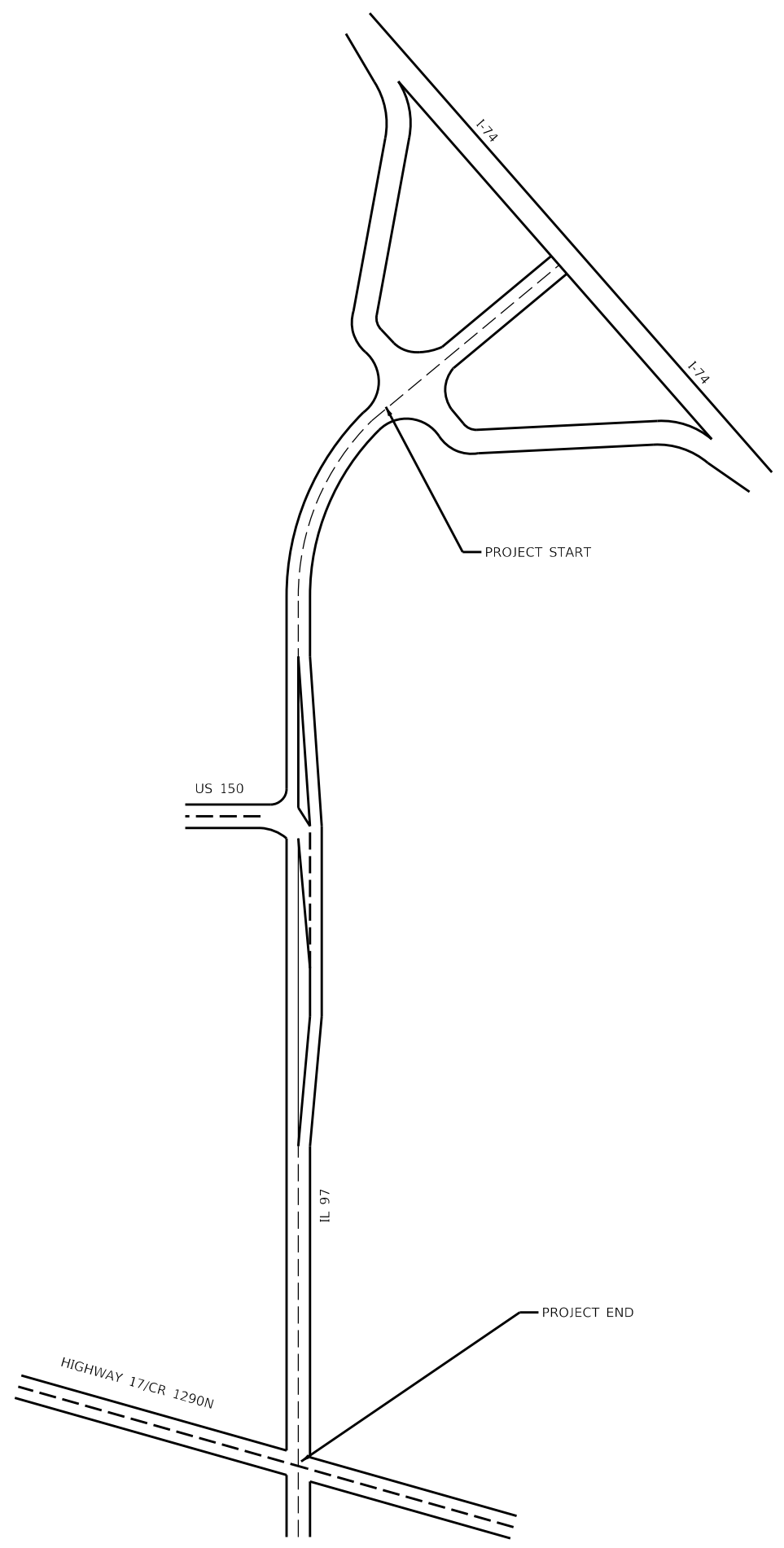
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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(42.106)PP	KNOX	6	5
CONTRACT NO. 68G96				
ILLINOIS FED. AID PROJECT				



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 300-443-4432 Danvers, IA, Charleston, IA

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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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(42,106)PP	KNOX	6	6
CONTRACT NO. 68G96				
ILLINOIS FED. AID PROJECT				