

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	111-PP	KNOX	6	1
		ILLINOIS	CONTRACT NO. 68H62	

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

HIGHWAY STANDARDS

- 000001-08
- 701001-02
- 701006-05
- 701201-05
- 701301-04
- 701336-07
- 701901-08

DESIGN DESIGNATION

IL 167: MAJOR COLLECTOR
ADT: 700 (2021)
SU: 40
MU: 19

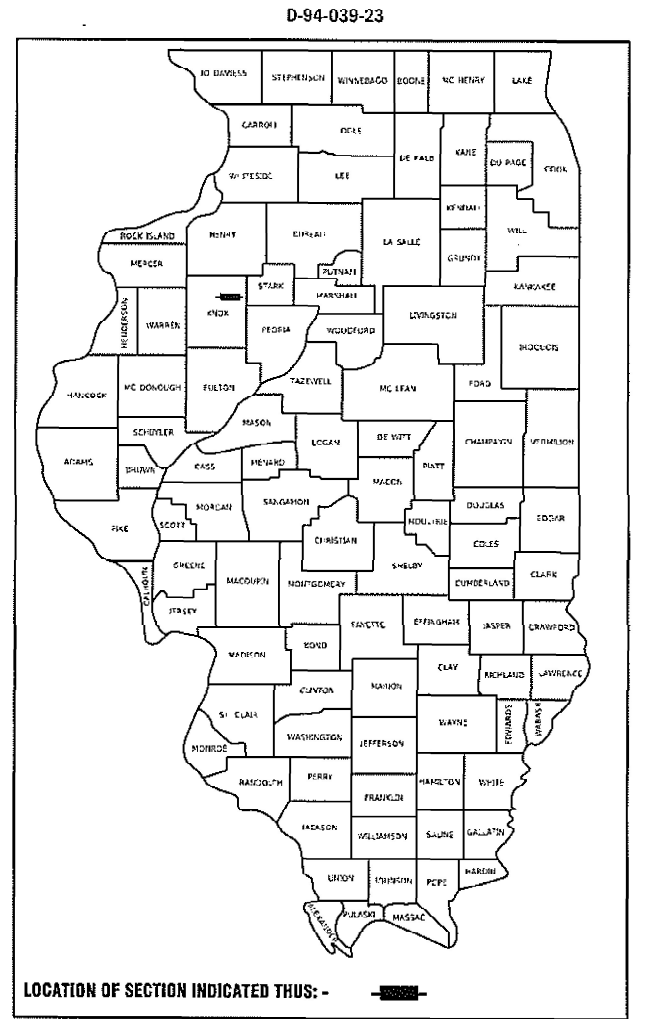
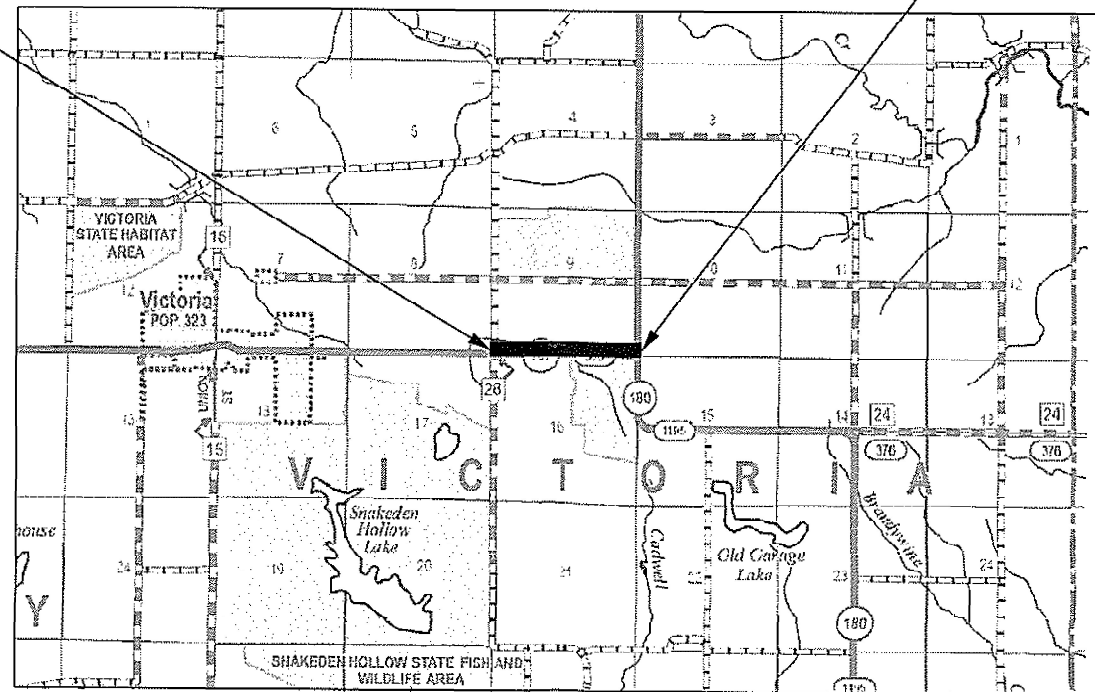
BEGIN IMPROVEMENT
KNOX RD. 2000 E.

PROPOSED
HIGHWAY PLANS

FAS ROUTE 379 (IL 167)
SECTION 111-PP
CONTRACT MAINTENANCE
KNOX COUNTY

C-94-058-23

END IMPROVEMENT
IL 180

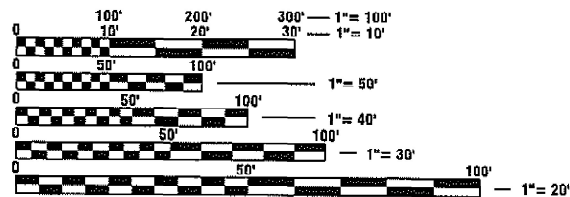


PROJECT DESCRIPTION:

PAVEMENT PATCHING ON FAS 379
(IL 167) FROM KNOX RD. 2000 E. TO IL 180

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 10 2023
Kensel A. Russell
REGIONAL ENGINEER
May 12, 2023 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT
May 12, 2023 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION



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. 036413-00D
CONTRACT NO. 68H62

[Signature] 3-6-23
MARK C. LEE DATE
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-060864
LICENSE EXPIRES NOVEMBER 30, 2023

GROSS LENGTH = 5,253.00 FT. = 0.99 MILE
NET LENGTH = 5,253.00 FT. = 0.99 MILE

KLINGNER
& ASSOCIATES, P.C.
Engineers • Architects • Surveyors
www.klingner.com
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49 North Prairie Street
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Burlington, IA Pella, IA Columbia, MO
Davenport, IA Carbondale, IL
DESIGN FIRM NO. 184-2738

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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. TWO CHANGEABLE MESSAGE SIGNS SHALL BE PLACED IN ADVANCE OF THE PROJECT. ONE PER EACH DIRECTION OF TRAVEL ON FAS 379 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.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NONE SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	111-PP	KNOX	6	2
CONTRACT NO. 68H62				
ILLINOIS FED. AID PROJECT				

USER NAME = maw	DESIGNED - MAW	REVISED -
	DRAWN - MAW	REVISED -
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PLOT DATE = 3/3/2023	DATE -	REVISED -

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				KNOX COUNTY							
				100% STATE							
				0006 RURAL							
67100100	MOBILIZATION	L SUM	1		1						
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1						
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1		1						
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14		14						
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	1,093		1,093						
X4421000	PARTIAL DEPTH PATCHING	TON	122		122						



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 PLOT DATE = 3/3/2023

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	111-PP	KNOX	6	3
				CONTRACT NO. 68H62
		ILLINOIS	FED. AID PROJECT	

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MOBILIZATION	
LOCATION	L SUM
FAS 379 (IL 167)	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION STANDARD 701201	
LOCATION	L SUM
FAS 379 (IL 167)	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION STANDARD 701336	
LOCATION	L SUM
FAS 379 (IL 167)	1
TOTAL	1

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL DAY
FAS 379 (IL 167)	14
TOTAL	14

LANE	WIDTH	LENGTH	AREA	PATCH TYPE	PARTIAL DEPTH PATCHING (SPL)	PARTIAL DEPTH PATCHING (2 INCH)
	FT	FT	SQ YD		SQ YD	TON
WB	5	70	38.9	IV	38.9	4.4
WB	10	10	11.1	II	11.1	1.2
WB	5	30	16.7	III	16.7	1.9
WB	5	55	30.6	IV	30.6	3.4
WB	5	60	33.3	IV	33.3	3.7
WB	6	50	33.3	IV	33.3	3.7
WB	VARIES	75	367.0	IV	367.0	41.1
SUBTOTAL					530.9	59.4
EB	4	50	22.2	III	22.2	2.5
EB	5	20	11.1	II	11.1	1.2
EB	5	23	12.8	II	12.8	1.4
EB	10	20	22.2	III	22.2	2.5
EB	10	10	11.1	II	11.1	1.2
EB	4	100	44.4	IV	44.4	5.0
EB	4	20	8.9	II	8.9	1.0
EB	5	30	16.7	III	16.7	1.9
EB	5	10	5.6	II	5.6	0.6
EB	VARIES	75	308.3	IV	308.3	34.5
SUBTOTAL					463.3	51.8
TOTAL					994	111
USE					1,093	122
(QUANTITIES INCREASED 10% FOR EXPECTED OVERAGE)						

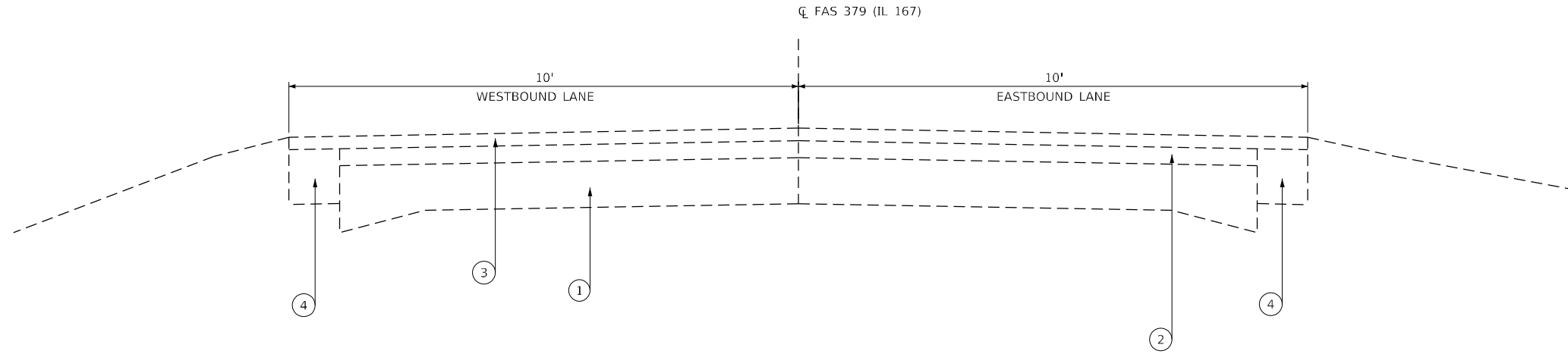


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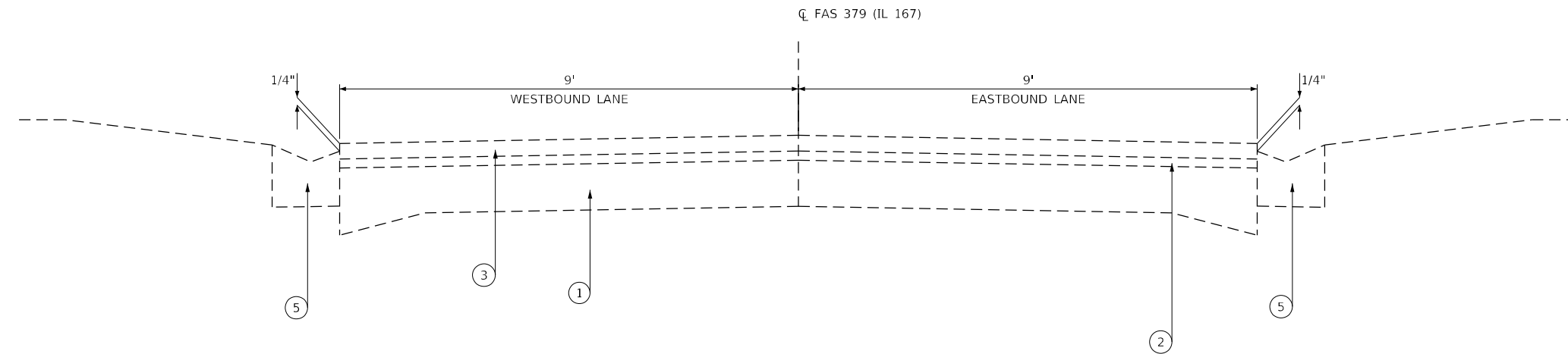
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. N/A TO STA. N/A

F.A.S. RTE. 379	SECTION 111-PP	COUNTY KNOX	TOTAL SHEETS 6	SHEET NO. 4
CONTRACT NO. 68H62				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL FAS 379 (IL 167) SECTION W/O GUTTER
(KNOX RD. 2000 E. TO IL 180)



EXISTING TYPICAL FAS 379 (IL 167) SECTION W/ GUTTER
(KNOX RD. 2000 E. TO IL 180)

LEGEND

- ① EXISTING 9"-6"-9" PCC PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING HMA SURFACE COURSE, MIX "D", N50 2"
- ④ EXISTING 6" HMA SHOULDERS
- ⑤ EXISTING CONCRETE GUTTER, TYPE B (MODIFIED)

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 Galesburg, Illinois

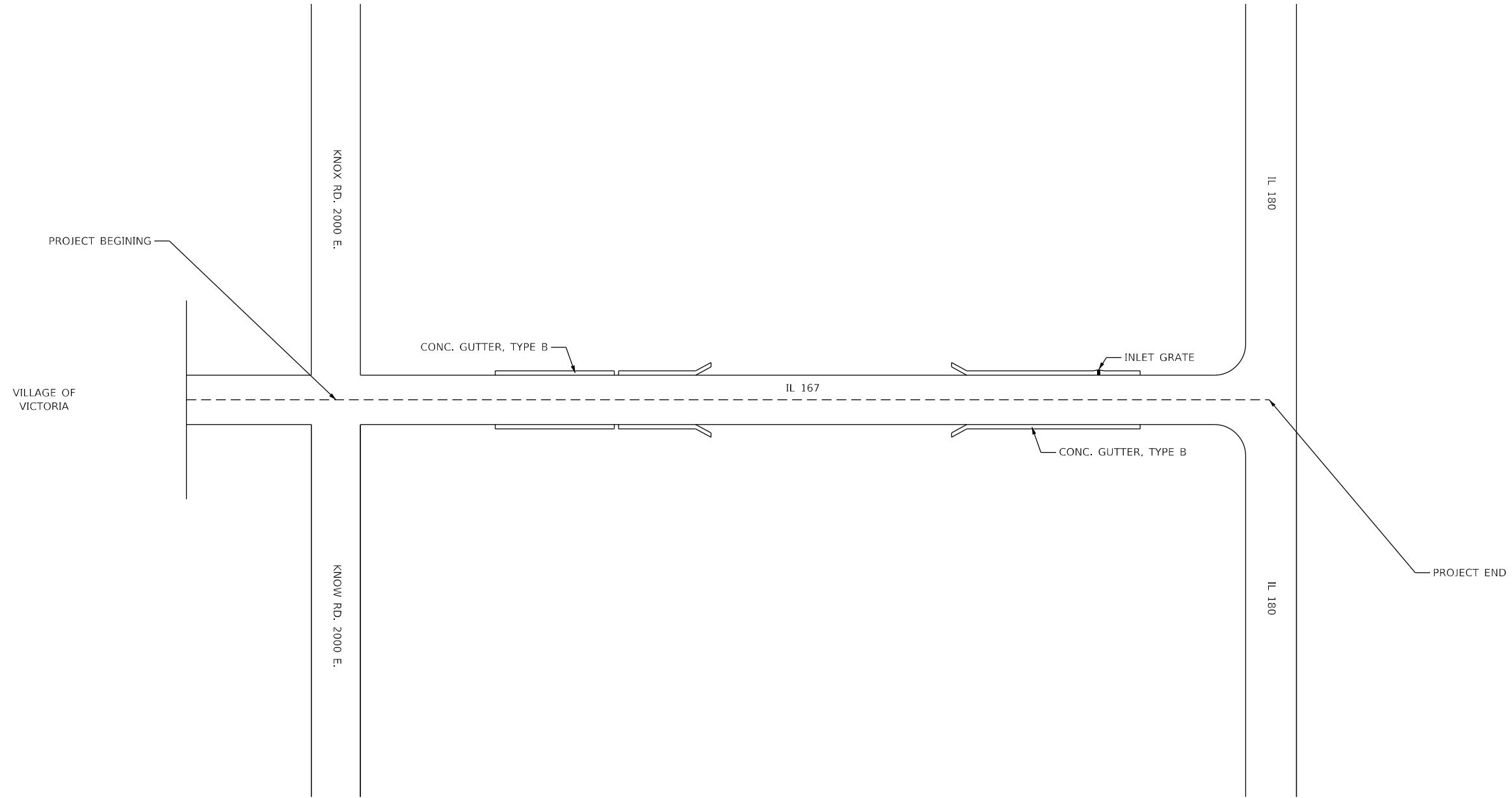
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	111-PP	KNOX	6	5
CONTRACT NO. 68H62				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM			
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	111-PP	KNOX	6	6
CONTRACT NO. 68H62				
ILLINOIS FED. AID PROJECT				