

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-3,38-5)L	IROQUOIS	18	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 57 (I-57)
SECTION (38-3,38-5)L
PROJECT HSIP- 057-6 (184) 294
IROQUOIS COUNTY
C-93-116-06

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	GENERAL NOTES & SUMMARY OF QUANTITIES
3.	SCHEDULE OF QUANTITIES
4.-5.	HORIZONTAL CONTROL
6.	SURVEY TIES
7.-8.	DEMOLITION PLANS
9.-10.	LIGHTING PLANS
11.	CIRCUIT DIAGRAM
12.	LUMINAIRE PERFORMANCE TABLES
13.	CONTROLLER DETAILS
14.-16.	LIGHTING STANDARDS
17.-18.	BORING LOGS

HIGHWAY STANDARDS

000001-04	STANDARDS, SYMBOLS, ABBREVIATIONS, AND PATTERNS
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, > 4.5m (15') FROM EDGE OF PAVEMENT
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 4.5m (15') TO 600mm (24") FROM EDGE OF PAVEMENT
701101-01	OFF-ROAD OPERATIONS, MULTI-LANE, < 4.5m (15') FROM EDGE OF PAVEMENT
701106-01	OFF-ROAD OPERATIONS, MULTI-LANE, > 4.5m (15') FROM EDGE OF PAVEMENT
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
702001-06	TRAFFIC CONTROL DEVICES

D93-057-06

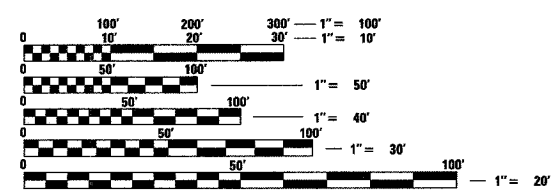


LOCATION OF SECTION INDICATED THUS: - [black rectangle]

Dirk A. Rannebarger
DIRK A. RANNEBARGER, P.E.
LEAD ELECTRICAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
ILLINOIS NO. 58019 EXPIRES NOVEMBER 30, 2007
DATE: 12/13/06



Thomas L. Overmyer
THOMAS L. OVERMYER, P.E.
REGISTERED PROFESSIONAL ENGINEER
ILLINOIS NO. 49198 EXPIRES NOVEMBER 30, 2007
DATE: 12/13/06



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.

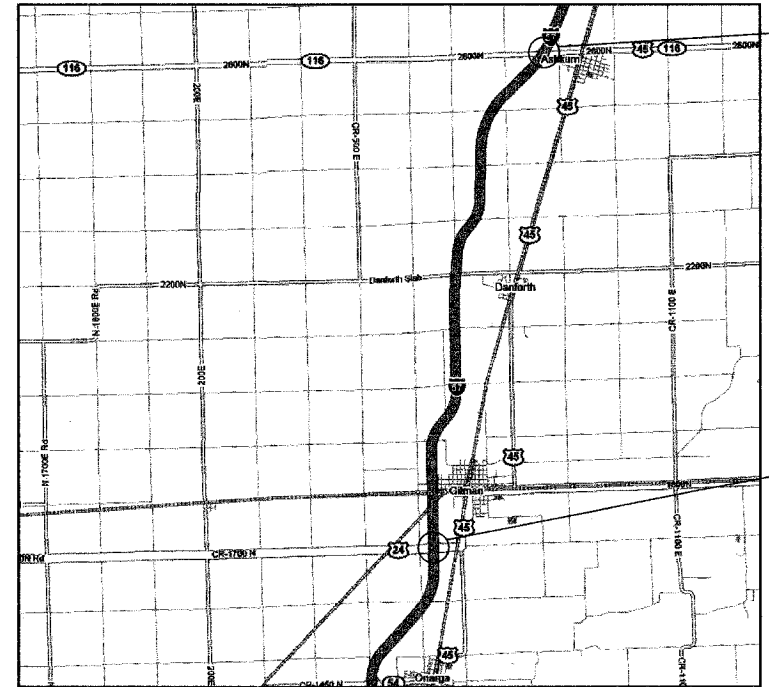
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 (GILMAN T.26N; R.11E; SEC 6 & 7)
(ASHKUM T.28N; R14W; SEC. 20 & 29)

DISTRICT 3 NO.: (815) 434-6131
PROJECT ENGINEER: JOE KANNEL
UNIT CHIEF: MICHELE LINDEMANN

REVISD 4/2/07

CONTRACT NO. 66685

INTERCHANGE LIGHTING AT U.S. 24 AND IL 116



LOCATION MAP
SPOT IMPROVEMENT

ASHKUM, IL
I-57 & IL 116
STA. 659+25.59 RTE 116
= STA. 129+68.38 I-57



GILMAN, IL
I-57 & U.S. RTE. 24
STA. 19+99.29 US RTE 24
= STA. 645+34.42 I-57

HIGHWAY CLASSIFICATIONS

FAI 57-INTERSTATE	
2005 ADT=17,000 SOUTH OF U.S. 24	
2005 ADT=15,500 NORTH OF U.S.24/SOUTH OF IL 116	
2005 ADT=16,100 NORTH OF IL 116	
U.S. 24-PRINCIPAL ARTERIAL	IL 116-PRINCIPAL ARTERIAL
2005 ADT=9,100 EAST OF I-57	2005 ADT=2,400 EAST OF I-57
2005 ADT=5,500 WEST OF I-57	2005 ADT=2,100 WEST OF I-57

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: December 26, 2006

Don O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

February 2, 2006
Eric F. Rankin
ENGINEER OF DESIGN AND ENVIRONMENT

February 2, 2006
Milton R. Sauer, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

Prepared By:
Foth & Van Dyke
DAILY DIVISION
1610 BROADMOOR DRIVE
CHAMPAIGN, ILLINOIS 61821
PHONE: (217) 352-4169 FAX: (217) 352-0085
IL DESIGN FIRM REG. NO. 184-003283

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	C38-3,38-51L	IROQUOIS	18	17
TO STA.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Three Materials
HWY 4 HWY 4 SECTION 7 T26N R11E 37M

PROJECT BRIDGE 038-0031 EXISTING Date 08/26/99
ROUTE FAI 57 US 24 OVER FAI 57 ON NEW CRAD
SEC. 18-SHB-2 STA. 647+34.20 Checked By T. McCreary

NEST ABOUT EAST ABOUT
COUNTY IROQUOIS

Boring No. 4
Sta 647.5
O/S ON CENTERLINE

EL.	N	Q _u	W	At	HR	EL.	N	Q _u	W
650.14	0								
656.64	24	9	23						
654.14	14	9	24						
649.14	27	9	19						
641.64	16	8	22						
641.64	16	8	22						
639.14	15	2.18	19						
635.64	11	9	22						

Surf Mat. El. NONE
Groundwater El. at Compl. NONE

Very Stiff Yellowish Brown & Black CLAY
Very Stiff Yellowish Brown & Gray CLAY (FILL)
Hard Yellowish Brown & Gray CLAY (FILL)
Very Stiff Gray CLAY (FILL)
Stiff Gray SILTY CLAY (FILL)
Very Stiff Gray CLAY (FILL)
Stiff Gray CLAY (FILL)
Very Stiff Gray CLAY (FILL)
Stiff Gray CLAY (FILL)

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)

Project
Route FAI 57
Sec. 18-SHB-2
County IROQUOIS

Boring No. 4
Sta 647.5
O/S ON CENTERLINE

EL.	N	Q _u	W	At	HR	EL.	N	Q _u	W
650.14	0								
656.64	24	9	23						
654.14	14	9	24						
649.14	27	9	19						
641.64	16	8	22						
641.64	16	8	22						
639.14	15	2.18	19						
635.64	11	9	22						

Surf Mat. El. NONE
Groundwater El. at Compl. NONE

Very Stiff Gray CLAY (LACOSTRINE)

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)

BORING NO. 4
US. ROUTE 24 OVER F.A.I. RTE. 57
SECTION 7 T26N R11E 37M
IROQUOIS COUNTY
STATION 647+34.20
STRUCTURE NO. 038-0031
AC ENGINEERS LTD.

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Three Materials
HWY 4 HWY 4 SECTION 7 T26N R11E 37M

PROJECT BRIDGE 038-0031 EXISTING Date 08/26/99
ROUTE FAI 57 US 24 OVER FAI 57 ON NEW CRAD
SEC. 18-SHB-2 STA. 647+34.20 Checked By T. McCreary

NEST ABOUT EAST ABOUT
COUNTY IROQUOIS

Boring No. 5
Sta 648.5
O/S ON CENTERLINE

EL.	N	Q _u	W	At	HR	EL.	N	Q _u	W
650.22	0								
656.89	20	9	19						
649.39	24	8	19						
646.89	19	8	20						
646.89	19	8	20						
646.89	19	8	20						
646.89	19	8	20						
646.89	19	8	20						

Surf Mat. El. NONE
Groundwater El. at Compl. NONE

Hard Black & Yellowish Brown CLAY
Hard Yellowish Brown & Gray CLAY (FILL)
Hard Gray CLAY (FILL)
Very Stiff Gray CLAY (FILL)

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)

Project
Route FAI 57
Sec. 18-SHB-2
County IROQUOIS

Boring No. 5
Sta 648.5
O/S ON CENTERLINE

EL.	N	Q _u	W	At	HR	EL.	N	Q _u	W
650.22	0								
656.89	20	9	19						
649.39	24	8	19						
646.89	19	8	20						
646.89	19	8	20						
646.89	19	8	20						
646.89	19	8	20						
646.89	19	8	20						

Surf Mat. El. NONE
Groundwater El. at Compl. NONE

Very Stiff Gray CLAY (FILL)
Hard Gray CLAY (FILL)
Very Stiff Gray CLAY (FILL)

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)

BORING NO. 5
US. ROUTE 24 OVER F.A.I. RTE. 57
SECTION 7 T26N R11E 37M
IROQUOIS COUNTY
STATION 648+50
STRUCTURE NO. 038-0031
AC ENGINEERS LTD.

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Three Materials
HWY 4 HWY 4 SECTION 7 T26N R11E 37M

PROJECT BRIDGE 038-0031 EXISTING Date 08/26/99
ROUTE FAI 57 US 24 OVER FAI 57 ON NEW CRAD
SEC. 18-SHB-2 STA. 647+34.20 Checked By T. McCreary

NEST ABOUT EAST ABOUT
COUNTY IROQUOIS

Boring No. 6
Sta 648.5
O/S ON CENTERLINE

EL.	N	Q _u	W	At	HR	EL.	N	Q _u	W
650.87	0								
652.37	3	2.5	21						
679.37	3	1.5P	21						
677.87	4	1.5	21						
675.39	5	2	20						
675.39	5	2	20						
670.37	3	3.0	22						
667.87	3	2.0	28						
667.87	3	2.0	28						
667.87	3	2.0	28						
667.87	3	2.0	28						

Surf Mat. El. NONE
Groundwater El. at Compl. NONE

CONCRETE OVER GRAY SILTY CLAY TILL
Very Stiff Gray CLAY TILL with Black & Brown SILTY CLAY (FILL)
Loose Brown SAND
Stiff Mix of Gray CLAY TILL with Black & Brown-Gray SILTY CLAY (FILL)
Very Stiff Mix of Gray CLAY TILL with Black and Yellow Brown SILTY CLAY (FILL)
Stiff Yellow Brown & Black SILTY CLAY (FILL)
Very Stiff Gray CLAY TILL with Black & Brown SILTY CLAY (FILL)

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)

Project
Route FAI 57
Sec. 18-SHB-2
County IROQUOIS

Boring No. 6
Sta 648.5
O/S ON CENTERLINE

EL.	N	Q _u	W	At	HR	EL.	N	Q _u	W
650.87	0								
652.37	3	2.5	21						
679.37	3	1.5P	21						
677.87	4	1.5	21						
675.39	5	2	20						
675.39	5	2	20						
670.37	3	3.0	22						
667.87	3	2.0	28						
667.87	3	2.0	28						
667.87	3	2.0	28						
667.87	3	2.0	28						

Surf Mat. El. NONE
Groundwater El. at Compl. NONE

Stiff Gray CLAY TILL

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)

BORING NO. 6
US. ROUTE 24 OVER F.A.I. RTE. 57
SECTION 7 T26N R11E 37M
IROQUOIS COUNTY
STATION 648+50
STRUCTURE NO. 038-0031
AC ENGINEERS LTD.

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Three Materials
HWY 4 HWY 4 SECTION 7 T26N R11E 37M

PROJECT BRIDGE 038-0031 EXISTING Date 08/26/99
ROUTE FAI 57 US 24 OVER FAI 57 ON NEW CRAD
SEC. 18-SHB-2 STA. 647+34.20 Checked By T. McCreary

NEST ABOUT EAST ABOUT
COUNTY IROQUOIS

Boring No. 7
Sta 649.5
O/S ON CENTERLINE

EL.	N	Q _u	W	At	HR	EL.	N	Q _u	W
650.06	0								
652.55	3	3.0P	19						
650.531	4	1.8	19						
679.06	3	2.0	20						
679.06	3	2.0	20						
679.06	3	2.0	20						
679.06	3	2.0	20						
679.06	3	2.0	20						
679.06	3	2.0	20						

Surf Mat. El. NONE
Groundwater El. at Compl. NONE

CONCRETE OVER BROWN CLAY TILL
Very Stiff CLAY TILL & SILTY CLAY
Medium Brown SAND
Very Stiff Gray CLAY TILL (FILL)
Very Stiff Mix of Gray CLAY TILL & Black SILTY CLAY & Brown SILTY CLAY (FILL)

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)

Project
Route FAI 57
Sec. 18-SHB-2
County IROQUOIS

Boring No. 7
Sta 649.5
O/S ON CENTERLINE

EL.	N	Q _u	W	At	HR	EL.	N	Q _u	W
650.06	0								
652.55	3	3.0P	19						
650.531	4	1.8	19						
679.06	3	2.0	20						
679.06	3	2.0	20						
679.06	3	2.0	20						
679.06	3	2.0	20						
679.06	3	2.0	20						
679.06	3	2.0	20						

Surf Mat. El. NONE
Groundwater El. at Compl. NONE

Very Stiff Gray CLAY TILL

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)

BORING NO. 7
US. ROUTE 24 OVER F.A.I. RTE. 57
SECTION 7 T26N R11E 37M
IROQUOIS COUNTY
STATION 649+50
STRUCTURE NO. 038-0031
AC ENGINEERS LTD.

▲ SHEET ADDED

