

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 321	14-00312-00-SP	IROQUOIS	3	1
JOB # C-93-024-14			PROJECT HSIP-0075(150)	

CONTRACT 87579

INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION
1	COVER SHEET -- LOCATION MAP
2	SUMMARY OF QUANTITIES, GENERAL NOTES, SCHEDULE OF QUANTITIES
3	PLAN VIEW

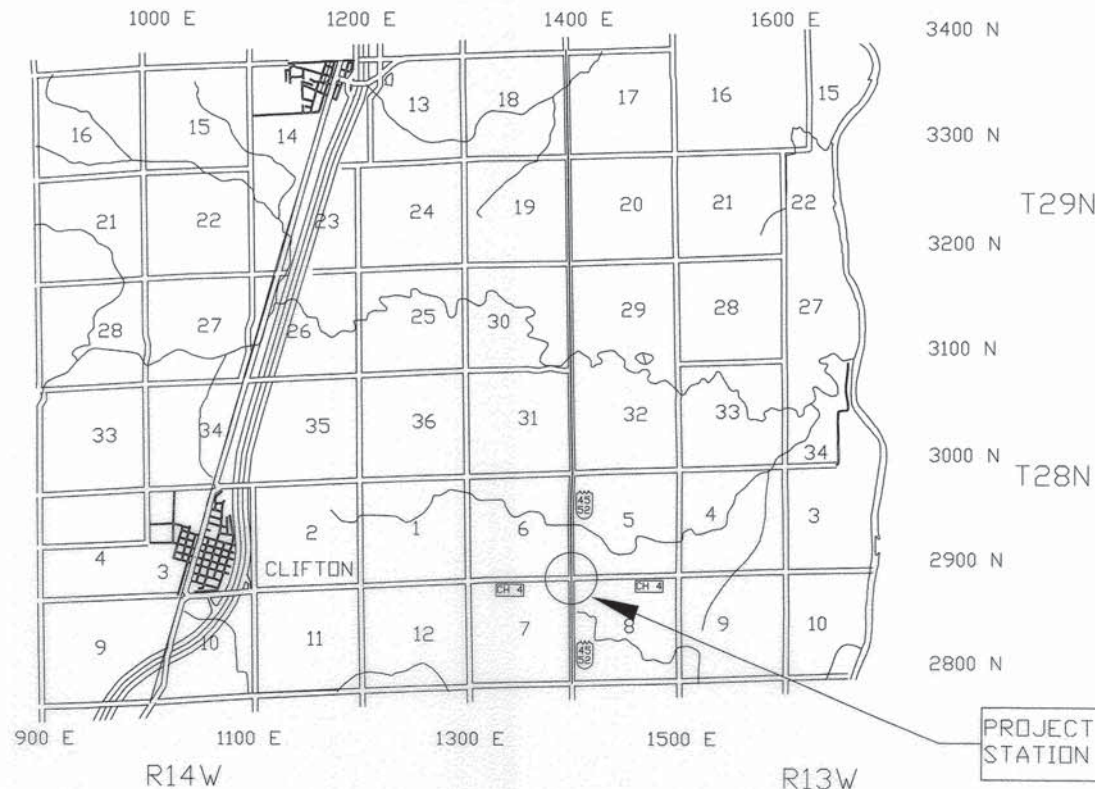
HIGHWAY SAFETY IMPROVEMENT PROJECT

PLANS FOR PROPOSED FEDERAL AID PROJECT

FAS ROUTE 321 (CH 4)  
SECTION: 14-00312-00-SP  
PROJECT NO. HSIP-0075(150)  
IROQUOIS COUNTY  
JOB NO. C-93-024-14

ILLINOIS HIGHWAY STANDARD DRAWINGS

000001-06	SYMBOLS AND ABBREVIATIONS
701006-05	OFF ROAD OPERATIONS, 2L, 2W 15 FT MIN FROM EDGE OF PAVEMENT - 45 MPH + -
701301-04	LANE CLOSURE, 2L, 2W, SHORTTIME OPERATIONS FOR SPEEDS > 45 MPH
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATION DAY ONLY 45 MPH PLUS
701901-03	TRAFFIC CONTROL DEVICES
720006-04	SIGN PANEL ERECTION DETAILS
780001-04	TYPICAL PAVEMENT MARKINGS DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS



PROJECT LOCATION  
STATION 0+00 TO 14+50



GROSS LENGTH OF SECTION: = 1,450 FT. = 0.275 MI.

TRAFFIC DATA

FUNCTIONAL CLASSIFICATION = MINOR COLLECTOR  
ADT = 1200  
YEAR 2009  
SPEED LIMIT = 55 M. P. H.

**JULIE**  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123



"THESE PLAN WERE PREPARED BY ME OR BY A FULL TIME MEMBER OF MY STAFF WORKING UNDER MY DIRECT SUPERVISION"

*JVM*  
JOEL V. MOORE, COUNTY ENGINEER  
ILL. REG. PROF. ENG. #62056831  
DATE EXPIRES: 11/30/15

CONTRACT 87579

Approved *May 7*, 20 *14*  
*JVM*  
County Engineer

Passed *5/21*, 20 *14*  
*Dan R E J*  
DISTRICT THREE LOCAL ROADS AND STREETS ENGINEER  
RELEASED FOR BID  
BASED ON LIMITED  
REVIEW *5/21*, 20 *14*  
*Paul A. Witt*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION TWO ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONTRACT 87579

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 321	14-00312-00-SP	IRROQUOIS	3	2
JOB # C-93-024-14			PROJECT HSIP-0075(150)	
CONTRACT 87579				

CONSTRUCTION CODE	0021
-------------------	------

### SUMMARY OF QUANTITIES

ITEM #	CODE #	ITEM	UNIT	QUANTITY
* 1	X0326899	SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4
*Δ 2	X7830070	GROOVING FOR RECESSED PAVMENT MARKING 5"	FOOT	100
*Δ 3	X7830090	GROOVING FOR RECESSED PAVMENT MARKING 25"	FOOT	30
4	67100100	MOBILIZATION	L SUM	1
* 5	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
6	73000100	WOOD SIGN SUPPORT	FOOT	112
Δ* 7	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	56
Δ* 8	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	100
Δ 9	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30
*10	89100400	ILLUMINATED SIGN, LED	EACH	4

\* SEE SPECIAL PROVISIONS  
Δ SPECIALTY ITEMS

### GENERAL NOTES

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

#### SIGNING

SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES.

ALL WOOD POST LOCATIONS SHALL BE VERIFIED WITH THE RESIDENT ENGINEER BEFORE INSTALLATION.

### SECTION NOTES

THE PROPOSED IMPROVEMENT CONSISTS OF INSTALLING SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE) AND SOLAR POWERED LED STOP AHEAD SIGNS FOR ADVANCE WARNING AND THERMOPLASTIC PAVEMENT MARKINGS.

### JOB SPECIFIC NOTES

FLASHING BEACONS AND STOP AHEAD SIGNS SHALL BE ATTACHED TO WOOD POSTS PER ARTICLE 730 OF THE STANDARD SPECIFICATIONS. MOUNTING HARDWARE SHALL COMPLY WITH ARTICLE 720.04 OF THE STANDARD SPECIFICATIONS.

RED SOLAR FLASHERS ARE TO BE USED AT THE "STOP" SIGN LOCATIONS.

THE EXISTING R-1, "STOP", AND THE W4-1100, "CROSS TRAFFIC DOES NOT STOP", SIGNS NEED TO BE REINSTALLED.

MOUNTING HARDWARE SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR WOOD SIGN SUPPORT.

EXISTING VEGETATION SHALL BE REMOVED AS NECESSARY FOR THE INSTALLATION OF THE PROPOSED WOOD SIGN SUPPORTS. THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR WOOD SIGN SUPPORT.

### X7830070 - GROOVING FOR RECESSED PAVEMENT MARKING 5"

STATION TO STATION	FOOT
6+22 RT TO 6+72 RT	50
7+58 LT TO 8+08 LT	50
TOTAL =	100

### X7830090 - GROOVING FOR RECESSED PAVEMENT MARKING 25"

STATION TO STATION	FOOT
6+72 RT	15
7+58 LT	15
TOTAL =	30

### X0326899 - SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE)

STATION TO STATION	EACH
6+72 LT	1
6+72 RT	1
7+58 LT	1
7+58 RT	1
TOTAL =	4

### 73000100 - WOOD SIGN SUPPORT

STATION TO STATION	FOOT
0+00 LT	14
0+00 RT	14
6+72 LT	14
6+72 RT	14
7+58 LT	14
7+58 RT	14
14+45 LT	14
14+45 RT	14
TOTAL =	112

### 78000100 - THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

STATION TO STATION	SQ. FT.
3+36 RT	28
11+04 LT	28
TOTAL =	56

### 78000200 - THERMOPLASTIC PAVEMENT MARKING - LINE 4"

STATION TO STATION	FOOT
6+22 RT TO 6+72 RT	50
7+58 LT TO 8+08 LT	50
TOTAL =	100

### 78000200 - THERMOPLASTIC PAVEMENT MARKING - LINE 24"

STATION TO STATION	FOOT
6+72 RT	15
7+58 LT	15
TOTAL =	30

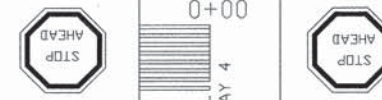
### 89100400 - ILLUMINATED SIGN, LED

STATION TO STATION	EACH
0+00 LT	1
0+00 RT	1
14+45 LT	1
14+45 RT	1
TOTAL =	4

PROPOSED ILLUMINATED LED STOP AHEAD SIGN LOCATIONS

STATION 0+00 RT / 0+00 LT  
(LATERAL OFFSETS PER THE ENGINEER)

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 321	14-00312-00-SP	IRROQUOIS	3	3
JOB # C-93-024-14			PROJECT HSIP-0075(150)	
CONTRACT 87579				



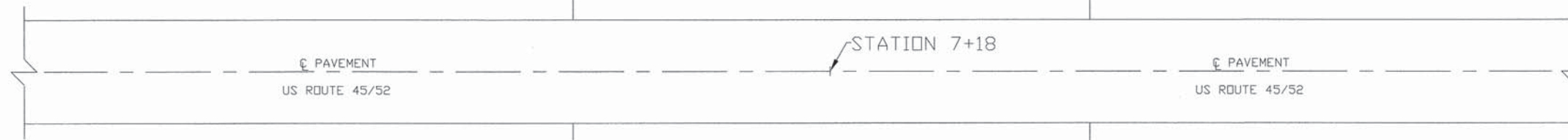
THERMOPLASTIC PAVEMENT MARKING  
LETTERS & SYMBOLS STATION 3+36 RT

THERMOPLASTIC PAVEMENT MARKING LINE 4" YELLOW  
STATION 6+22 TO 6+72 RT

THERMOPLASTIC PAVEMENT MARKING LINE 24" STATION 6+72 RT

PROPOSED SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE)  
POST MOUNTED STOP SIGN LOCATION  
STATION 6+72 RT (LATERAL OFFSETS PER ENGINEER)

PROPOSED SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE)  
POST MOUNTED STOP SIGN LOCATION  
STATION 6+72 LT (LATERAL OFFSETS PER ENGINEER)



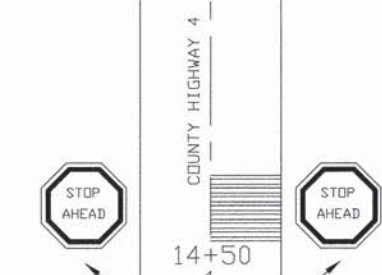
PROPOSED SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE)  
POST MOUNTED STOP SIGN LOCATION  
STATION 7+58 RT (LATERAL OFFSETS PER ENGINEER)

PROPOSED SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE)  
POST MOUNTED STOP SIGN LOCATION  
STATION 7+58 LT (LATERAL OFFSETS PER ENGINEER)

THERMOPLASTIC PAVEMENT MARKING LINE 24" STATION 7+58 LT

THERMOPLASTIC PAVEMENT MARKING LINE 4" - Yellow  
STATION 7+58 TO 8+08 LT

THERMOPLASTIC PAVEMENT MARKING  
LETTERS & SYMBOLS STATION 11+04 LT



PROPOSED ILLUMINATED LED STOP AHEAD SIGN LOCATIONS

STATION 14+45 LT / 14+45 RT  
(LATERAL OFFSETS PER THE ENGINEER)

NOTES:

RED SOLAR FLASHERS ARE TO BE USED AT THE "STOP" SIGN LOCATIONS  
YELLOW BLINKER LED'S ARE TO BE USED AT THE "STOP AHEAD" LOCATIONS