CONTRACT NO. 63023

Engineering Enterprises, Inc.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	06-00017-00-PV	KANE	232	135
	STA. 641+50		TO STA. 646+00		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

PLAN / PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, AUTHOR, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., B.M. NOTED, STRUCTURE NO/TATHS CHKD, BY, DATE

FUTURE SUGAR GROVE POLICE STATION

MUNICIPAL DRIVE

50' R.O.W. 50' R.O.W.

12' 12' 12' 12' 6' 12' 12'

43' CT (3) 1" UD
28' CT (3) 1" UD
13' CT (3) 1" UD
16' POST
14' T 2 1/2"
15' T 4"
12' CT (3) 1" UD
12' CT (4) 1" UD
24' T 2 1/2"
28' T 1" UD
7' T 1" UD
58' P 4"
42' MA
43' P 4"
33' T 4"
36" DIA. FOUNDATION
28' T 2 1/2"
16' POST
7' T 2 1/2"
8' T (2) 4"
245' T 2"
3' CT (3) 1" UD
250' TO STOP BAR
108' P (2) 4"
PAVED SHOULDER
54' MA
84'
85'
106' R.O.W.

MATCHLINE STA. 641+50

642+00 643+00 644+00 645+00 646+00

82'
101' P 2"
81'
41' P 2"
55' MA
23' CT (3) 1" UD
34' T 2"
36" DIA. FOUNDATION
23' T 2 1/2"
29' T (2) 4"
24' CT (4) 1" UD
25' T 4"
75' T 2"
PAVED SHOULDER
PAVED SHOULDER
AGGREGATE SHOULDER
94' R.O.W.
U.S. RTE 30

16' POST
27' T 2 1/2"
36' MA
66' T 2"
40' P 4"
16' T 4"
7' T 2 1/2"
36" DIA. FOUNDATION
18' T 2 1/2"
5' CT (2) 5"
16' POST
24' CT (3) 1" UD
30' CT (3) 1" UD
125' T 2 1/2"
55' P 4"
ONLY ONLY

SUGAR GROVE FIRE DEPARTMENT

SUGAR GROVE VILLAGE HALL

MUNICIPAL DRIVE

12' 12' 6' 12' 12' 12' 12'
50' R.O.W. 60' R.O.W.

MATCHLINE STA. 50+00

1 REVISED 7/17/08

12' (TYP.) 20' (TYP.) 2' (TYP.)
(LENGTH)

U.S. RTE 30 MAST ARM DETAIL

12' (TYP.) 2' (TYP.)
(LENGTH)

MUNICIPAL DRIVE MAST ARM DETAIL

(A) LEFT ON GREEN ARROW ONLY

R10-5
24" X 30"
SIGN DETAIL
(N.T.S.)
4 REQUIRED

0 20' 40'
SCALE FEET

RESTORATION OF WORK AREA.
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTES:

1. STOP BARS ON U.S. RTE 30 TO BE INSTALLED CONCURRENTLY WITH SIGNAL TURN ON.
2. CHANGEABLE MESSAGE SIGNS WILL BE REQUIRED FOR BOTH DIRECTIONS OF U.S. RTE. 30 IN ADVANCE OF THE INTERSECTION ONE WEEK BEFORE AND ONE WEEK AFTER THE TURN ON THE TRAFFIC SIGNAL.

TRAFFIC SIGNAL LEGEND

EXISTING	PROPOSED		EXISTING	PROPOSED	
		CONTROLLER			G.S. CONDUIT IN TRENCH OR PUSHED
		SERVICE INSTALLATION			PEDESTRIAN PUSHBUTTON DETECTOR
		SIGNAL HEAD			DETECTOR LOOP
		SIGNAL HEAD WITH BACKPLATE	"E"		CAST IRON JUNCTION BOX
		SIGNAL HEAD, PEDESTRIAN			EMERGENCY VEHICLE SYSTEM DETECTOR
		SIGNAL POST			CONFIRMATION BEACON
		MAST ARM ASSEMBLY AND POLE, STEEL	"P"	"P"	SIGNAL HEAD OPTICALLY PROGRAMMED
		MAST ARM ASSEMBLY AND POLE, ALUMINUM			CONDUIT SPLICE
		COMMON TRENCH (CT)	"E"		WOOD POLE
		UNIT DUCT (UD)	"E"		RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
		HANDHOLE			VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
H	H	HEAVY DUTY HANDHOLE			
		DOUBLE HANDHOLE	"E"		RAILROAD CONTROL CABINET
B	B	UNINTERRUPTIBLE POWER SUPPLY			STREET LIGHT

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. RTE 30 AND MUNICIPAL DRIVE TRAFFIC SIGNAL INSTALLATION PLAN

SCALE: 1" = 20' DRAWN BY: KKP

DATE: 05/16/08 CHECKED BY: TVW

Plotted: July 18, 2008 @ 11:37 AM By: Kris Fung - Tab: 135 SIGNALS (22x34)

Path: H:\S3\SKPROJ\SG0546\DWG\SG0732\DWG FINAL ENG CONTRACT BYB-SG0546-SIGPLN