

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KENDALL	37	19

STA.	TO STA.
FED. ROAD DIST. NO. - ILLINOIS	FED. AID PROJECT

\* FAP 591 (US 34)  
 \*\* SECTION 06-00034-00-RP

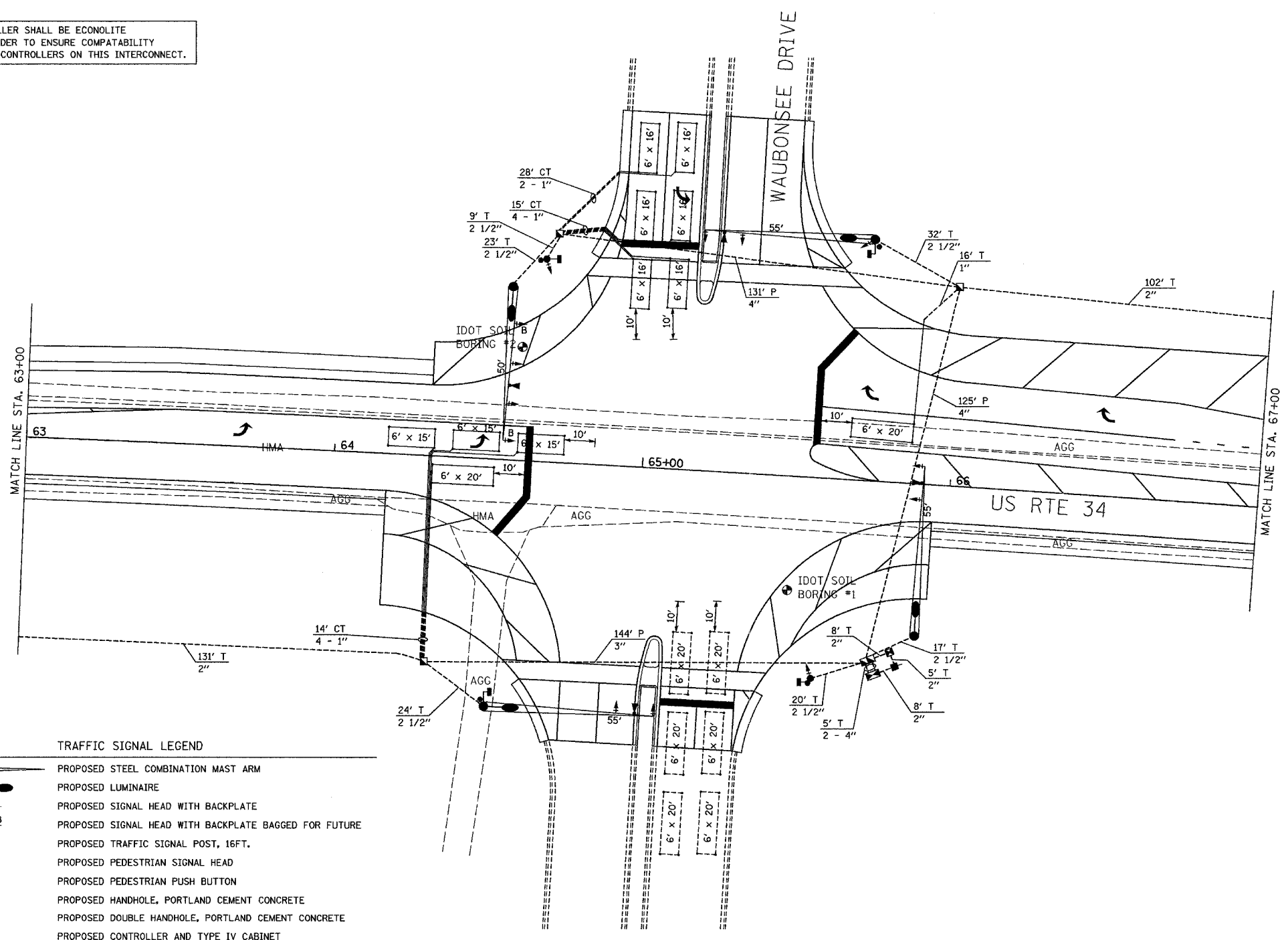
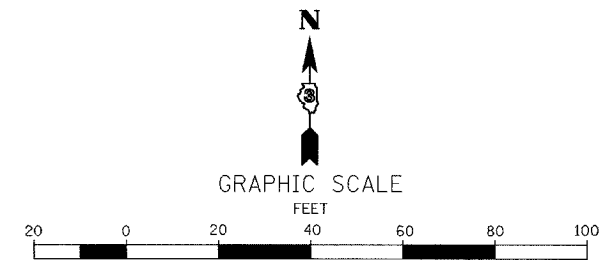
**CONSTRUCTION NOTES:**

"BAGS" UTILIZED TO COVER SIGNAL HEADS FOR FUTURE USE, SHALL BE MANUFACTURED BY SIGNAL HEAD PRODUCER. THE COST OF THE BAG SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL HEAD PAY ITEMS.

PEDESTRIAN SIGNAL HEADS SHALL BE INSTALLED TO ALIGN WITH CROSSWALKS IN ORDER TO ENSURE PEDESTRIAN VISIBILITY.

CONTROLLER AND CABINET ASSEMBLY SHALL INCLUDE INDUCTIVE LOOP DETECTORS FOR SOUTH LEG DETECTOR LOOPS WHICH WILL BE CONSTRUCTED BY OTHERS.

THE CONTROLLER SHALL BE ECONOLITE BRAND IN ORDER TO ENSURE COMPATABILITY WITH OTHER CONTROLLERS ON THIS INTERCONNECT.



**SCHEDULE OF QUANTITIES**

DESCRIPTION	UNIT	TOTAL QUANTITY
CHANGEABLE MESSAGE SIGN	CAL MO	2
SIGN PANEL - TYPE 1	SQ FT	36.5
SIGN PANEL - TYPE 2	SQ FT	30
SERVICE INSTALLATION, TYPE B	EACH	1
CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	188
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	254
CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	125
CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	10
CONDUIT PUSHED, 3" DIA., PVC	FOOT	144
CONDUIT PUSHED, 4" DIA., PVC	FOOT	256
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2265
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	457
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4
LIGHTING CONTROLLER TYPE CB-RCS 60 AMP-240 VOLT	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	768
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	796
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1738
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1644
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1633
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	25
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	3
CONCRETE FOUNDATION, TYPE A	FOOT	6
CONCRETE FOUNDATION, TYPE C	FOOT	3.5
CONCRETE FOUNDATION, TYPE E, 36 INCH DIAMETER	FOOT	60
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	13
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE 1	FOOT	869
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	4
PEDESTRIAN PUSH-BUTTON	EACH	4
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	599
ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	1008
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

**TRAFFIC SIGNAL LEGEND**

- PROPOSED STEEL COMBINATION MAST ARM
- PROPOSED LUMINAIRE
- PROPOSED SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD WITH BACKPLATE BAGGED FOR FUTURE
- PROPOSED TRAFFIC SIGNAL POST, 16FT.
- PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED PEDESTRIAN PUSH BUTTON
- PROPOSED HANDHOLE, PORTLAND CEMENT CONCRETE
- PROPOSED DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
- PROPOSED CONTROLLER AND TYPE IV CABINET
- PROPOSED LIGHTING CONTROLLER
- PROPOSED SERVICE INSTALLATION TYPE B
- PROPOSED EMERGENCY VEHICLE DETECTOR
- PROPOSED CONDUIT
- PROPOSED DETECTOR LOOP
- PROPOSED DETECTOR LOOP (BY OTHERS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TRAFFIC SIGNAL PLANS  
 FAP 591 (US 34)  
 AND WAUBONSEE DRIVE  
 SECTION 06-00034-00-RP  
 KENDALL COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 02/07  
 DRAWN BY ARR  
 CHECKED BY JLS

PLOT DATE = 02/07  
 FILE NAME = Z018077SPLANL00N  
 PLOT SCALE = 1" = 20'  
 USER NAME = ARR