

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	1(1-2)	SANGAMON	7	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL QUANTITIES

VETERANS AND PALOMINO

QUANTITY	UNIT	ITEM
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET
1	EACH	TRANSCEIVER - FIBER OPTIC
20	EACH	INDUCTIVE LOOP DETECTOR
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
894.0	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND NO. 6 1/2 (GREEN)



STA 187+55  
END IMPROVEMENT

TRAFFIC SIGNAL NOTES:

- 1.) INSTALL 1449.0 FEET OF FIBER OPTIC CABLE THROUGH EXISTING CONDUIT TO PROPOSED CONTROLLER CABINET AT VETERANS AND PALOMINO. EXISTING INTERCONNECT CABLE MAY REMAIN IN PLACE UNLESS CONTRACTOR CHOOSES TO REMOVE TO AID IN THE INSTALLATION OF FIBER OPTIC CABLE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR REMOVAL OF THIS CABLE. (QUANTITY INCLUDED ON VETERANS & BRUNS SHEET)
- 2.) INSTALL PROPOSED TYPE V CABINET ON EXISTING TYPE D FOUNDATION. PROPOSED CABINET MAY NEED TO BE MODIFIED TO FIT EXISTING BOLT PATTERN. CONTRACTOR SHALL FIELD VERIFY EXISTING CABINET FOUNDATION BOLT SPACING. NOT ALL DETECTOR LOOP CABLES SHALL BE REINSTALLED TO PROPOSED CABINET. SEE WIRING DIAGRAMS FOR DETAILS. EXISTING MASTER CONTROLLER SHALL BE RELOCATED TO PROPOSED CABINET AS PART OF CONTROLLER AND CABINET PAY ITEM.
- 3.) TRAFFIC SIGNALS SHALL NOT REMAIN WITHOUT POWER OVERNIGHT

GROUND WIRE QUANTITIES

FROM	QNTY
NW M. A.	67.5
W MEDIAN POST	163.5
SW M. A.	125.5
SE M. A.	189.5
E MEDIAN POST	167.5
NE M. A.	159.5
DOUBLE H. H.	21.0
<b>TOTAL:</b>	<b>894.0</b>



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL DETAILS**  
**IL 4 @ PALOMINO RD**

SCALE: VERT.  
HORIZ.  
DATE: FEB '07

DRAWN BY  
CHECKED BY