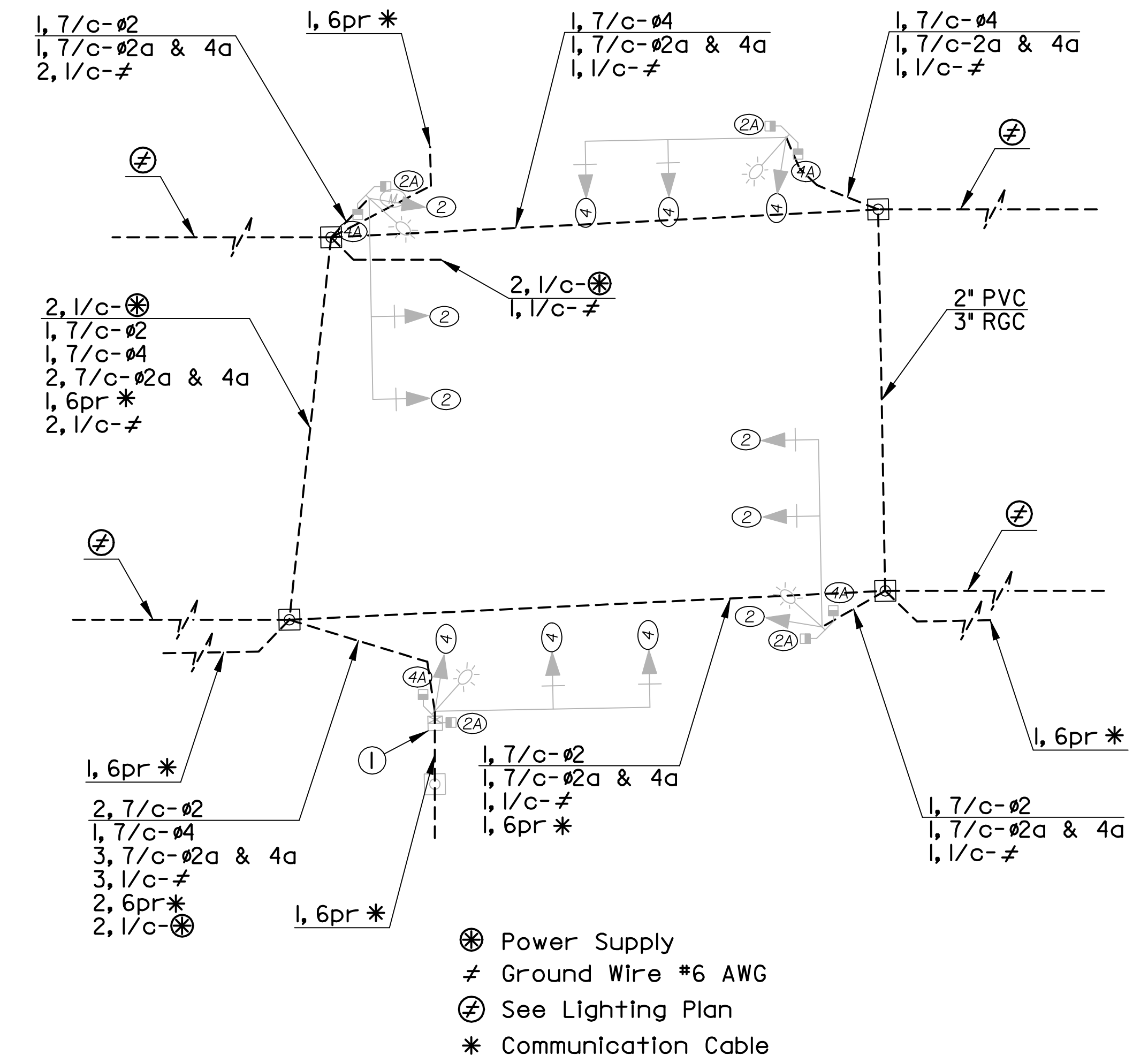
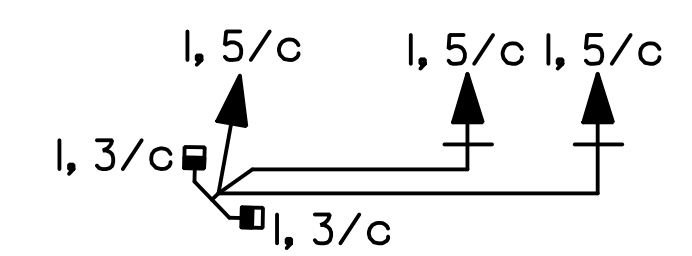


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	468-84167	2007	R47	R111

BILL OF MATERIALS (FOR INFORMATION ONLY)		
ITEM	QUANT.	UNIT
TRAFFIC SIGNAL HEAD W/MOUNTING HARDWARE	—	EACH
L.E.D. PEDESTRIAN SIGNAL LENS	—	EACH
L.E.D. TRAFFIC SIGNAL LENS	—	EACH
SERVICE BOX (SPECIAL) (PRE-FAB)	4	EACH
STREET NAME SIGN	—	EACH
SERVICE ENCLOSURE, AMP.	④	EACH
CIRCUIT BREAKER, TRAFFIC SIGNAL, AMP.	④	EACH
GROUND ROD & CLAMP	—	EACH
6PR COMMUNICATION CABLE	②	LIN FT
SERVICE WIRE NO. 6 AWG 1/C	240	LIN FT
GROUND WIRE NO. 6 AWG 1/C	580	LIN FT
MULTI-CONDUCTOR CABLE NO. 14 AWG 5/C	—	LIN FT
MULTI-CONDUCTOR CABLE NO. 14 AWG 7/C	980	LIN FT
MULTI-CONDUCTOR CABLE NO. 14 AWG 3/C	—	LIN FT
CONDUIT, 1" & FITTINGS RGC	120	LIN FT
CONDUIT, 2" & FITTINGS PVC	③ 400	LIN FT
CONDUIT, 2" & FITTINGS RGC	20	LIN FT
CONDUIT, 3" FITTINGS RGC	400	LIN FT
TRAFFIC SIGNAL POLE BASE ADJUSTMENT	4	EACH
REMOVE AND RESET TRAFFIC SIGNAL POLE	4	EACH
ALLEY PAVEMENT REMOVAL AND REPLACEMENT	—	EACH



WIRING DIAGRAM



TYPICAL POLE WIRING
 Salvage and Reuse Wiring in Traffic Signal Poles being removed and reinstalled.

- CONTROLLER DESCRIPTION**
- ① The existing traffic signal controller shall be salvaged and reused. All existing time setting shall be retained.
 - ② See Traffic Signal Interconnect Bill of Materials.
 - ③ Quantity for 2" PVC for street lighting includes only that between the Service Boxes, and the Poles and Service Boxes.
 - ④ Utilize existing pole mounted enclosure and breaker.

Contractor to install 1" RGC from Luminaire Arm to bottom of all poles, new and existing, with pull wire.

NOTE :
 THE TRAFFIC SIGNAL SYSTEM SHALL BE COMPLETE AND THE CONTRACTOR SHALL FURNISH AND INSTALL ALL EQUIPMENT AND MATERIALS NECESSARY FOR THE SATISFACTORY OPERATION OF ELECTRICAL APPARATUS AND FOR COMPLETE OPERATION OF THE TRAFFIC SIGNAL SYSTEM WHETHER SPECIFICALLY MENTIONED OR NOT.

-QUANTITIES FOR INFORMATION ONLY-

3				
2				
1	03/26/2003	Current version		
NO.	DATE		BY	APP'D

CITY OF WICHITA
 TRAFFIC SIGNAL QUANTITIES SHEET
 WATERMAN ST. AND BROADWAY AVE.

TEISOB

FHWA APPROVAL	J.F.F. DETAILED	04/29/03	APP'D	Linda G. Voss, P.E.
DESIGNED	J.F.F.	QUANTITIES	TRACED	
DESIGN CK.	G.J.O.	DETAIL CK.	G.J.O.	QUAN. CK.
				TRACE CK.

Plotted By : ddp
 Plot File : /z/2006/06237/signal/tei.30b-Broadway.dgn
 Plot Date : 2-26-2007
 \$\$\$KDOT GRFP\$\$\$ 6th Floor