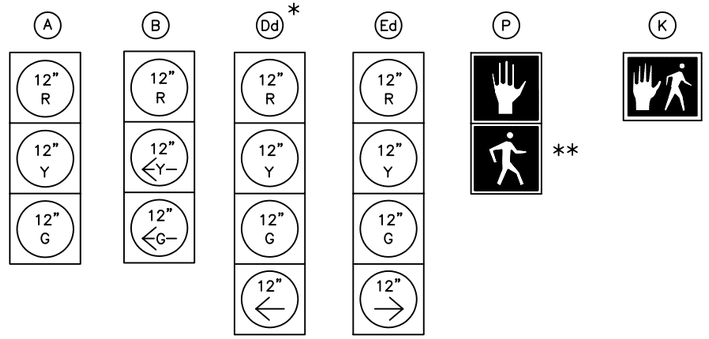
TRAFFIC SIGNAL QUANTITIES

ITEM	UNIT	QUAN.
PAD MOUNTED CONTROLLER & CABINET	EACH	--
POLE MOUNTED CONTROLLER & CABINET	EACH	
TRAFFIC SIGNAL HEAD (see CHART A)	EACH	
MAST ARM BRACKET	EACH	
VERTICAL BRACKET	EACH	
BACKPLATE 3-SECTION	EACH	
BACKPLATE 4-SECTION	EACH	
RED L.E.D. KIT	EACH	
YELLOW L.E.D. KIT	EACH	
YELLOW ARROW L.E.D. KIT	EACH	
GREEN L.E.D. KIT	EACH	
GREEN ARROW L.E.D. KIT	EACH	
DUAL INDICATION L.E.D. GREEN/YELLOW ARROW KIT	EACH	
ORANGE L.E.D. KIT (DON'T WALK HAND SYMBOL)	EACH	
TRAFFIC SIGNAL POLE STEEL (see CHART B)	EACH	
TRAFFIC SIGNAL PEDESTAL ALUMINUM 10'	EACH	
TRAFFIC SIGNAL PEDESTAL ALUMINUM 14'	EACH	
TRAFFIC SIGNAL PEDESTAL ALUMINUM 15'	EACH	
CONCRETE CONTROLLER PAD	EACH	
CONCRETE POLE FOOTING 8'	EACH	
CONCRETE POLE FOOTING 10'	EACH	
CONCRETE POLE FOOTING 12'	EACH	
PEDESTAL FOOTING	EACH	
GROUND ROD & CLAMP	EACH	
CONDUIT ELBOW 90° 1"	EACH	
CONDUIT ELBOW 90° 1.5"	EACH	
CONDUIT ELBOW 90° 2"	EACH	
CONDUIT ELBOW 90° 3"	EACH	
CONDUIT ELBOW 90° 4"	EACH	
CONDUIT 1"	LN. FT.	
CONDUIT 1.5"	LN. FT.	
CONDUIT 2"	LN. FT.	
CONDUIT 3"	LN. FT.	
CONDUIT 4"	LN. FT.	
SERVICE BOX	EACH	
JUNCTION BOX TYPE I	EACH	
JUNCTION BOX TYPE II	EACH	
MULTI-CONDUCTOR CABLE NO.14 AWG 2c	LN. FT.	
MULTI-CONDUCTOR CABLE NO.14 AWG 5c	LN. FT.	
MULTI-CONDUCTOR CABLE NO.14 AWG 7c	LN. FT.	
MULTI-CONDUCTOR CABLE NO.14 AWG 12c	LN. FT.	
DETECTOR LOOP WIRE NO.14 1c THHN	LN. FT.	
SHIELDED DETECTOR LEAD-IN NO.18 AWG 4c	LN. FT.	
PEDESTRIAN PUSH BUTTON AND SIGN		
OPTICOM DETECTOR MODEL 721 OR 722	EACH	
OPTICOM PHASE SELECTOR MODEL 752	EACH	
OPTICOM DETECTOR CABLE MODEL 138	LN. FT.	
SERVICE ENCLOSURE-MYERS MET2-VLM-TS AND PHOTOCELL	EACH	
SERVICE ENCLOSURE-MYERS MET2-VLM-1 AND PHOTOCELL	EACH	
SERVICE WIRE NO.6 AWG 1c	LN. FT.	
SERVICE WIRE NO.4 AWG 1c	LN. FT.	
GROUND ROD & CLAMP (SERVICE GROUND)	EACH	
LUMINAIRE & LAMP (watt H.P.S.)	EACH	
POLE & BRACKET CABLE NO. 12 AWG	LN. FT.	
LIGHTING CABLE NO.4 AWG 1c	LN. FT.	
CONNECTOR KIT (COPPER SET-SCREW TYPE)	EACH	
SIGN R10-10 "LEFT TURN SIGNAL"	EACH	
SIGN R10-12 "LEFT TURN YIELD ON GREEN ●"	EACH	
SIGN (OVERHEAD STREET NAME)	EACH	
ASTRO-BRACKET (SIGN MOUNT)	EACH	

CONTROLLER AND CABINET DESCRIPTION

ITEM	MODEL NUMBER	QUANTITY
PAD MOUNTED CABINET (LOCAL)	332	---
PAD MOUNTED CABINET (SYSTEM MASTER)	332	
POLE MOUNTED CABINET	336	
CONTROLLER (2K RAM MIN.)	170E	
PROM MODULE	412C	
WAPITI W4IKS SOFTWARE (LATEST VERSION)	-	
WAPITI W70SM SOFTWARE (LATEST VERSION)	-	
CONFLICT MONITOR	210P	
SWITCH PACK	200	
FLASHER UNIT	204	
FLASH TRANSFER RELAY	430	
TWO CHANNEL DETECTOR (3M/CANOGA)	822	
FOUR CHANNEL DETECTOR (3M/CANOGA)	824	
TWO CHANNEL DC ISOLATOR	242	
MODEM	FO-400	
AUXILIARY OUTPUT FILE	420	
TELEPHONE DIAL UP MODEM	SM 2400	
SURGE PROTECTOR	SHA1210	
GENERATOR RECEPTACLE HUBBLE HBL360R4W	-	
GENERATOR PLUG HUBBLE HBL360P4W	-	

SIGNAL FACES



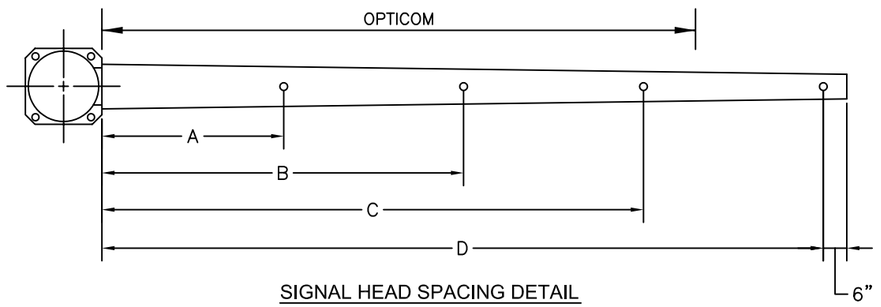
* SUBSCRIPT "d" MEANS DUAL INDICATION YELLOW ARROW/GREEN ARROW SIGNAL
** ALL INDICATIONS SHALL BE LED DISPLAYS WITH THE EXCEPTION OF THE PEDESTRIAN WALK SYMBOL.

CHART A SIGNAL SUMMARY

SIGNAL FACE ARRANGEMENT	NO. SECTIONS	MOUNTING TYPE	QUANTITY
		RIGID MAST ARM	
		RIGID MAST ARM	
		RIGID MAST ARM	
		VERTICAL BRACKET	
		VERTICAL BRACKET	
		VERTICAL BRACKET	

CHART B TRAFFIC SIGNAL POLES

POLE NO.	SIGNAL ARM SPAN	LUM. TYPE	LUMINAIRE ARM ARM 1 STYLE	ARM 1 SPAN	ARM 2 STYLE	ARM 2 SPAN	NO. OF SIGNALS ON ARM	SIGNAL SPACING (SEE SIGNAL HEAD SPACING DETAIL) A	B	C	D	OPTICOM



SIGNAL HEAD SPACING DETAIL

SERVICE BOX SUMMARY

STATION	DIST.-SIDE

JUNCTION BOX SUMMARY

STATION	DIST.-SIDE

NOTE:
THIS LIST OF QUANTITIES IS NOT A GUARANTEE OF A COMPLETE LISTING OF ALL MATERIALS NEEDED TO COMPLETE THE LUMP SUM TRAFFIC SIGNAL INSTALLATION AND IS PROVIDED SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THE CONTRACTOR SHOULD VERIFY QUANTITIES FOR BIDDING PURPOSES.

DATE	REVISION	BY	APPR

TRAFFIC SIGNAL INSTALLATION
SUMMARY OF QUANTITIES
PROJECT
PUBLIC WORKS - ENGINEERING

Shawnee KANSAS

PROJ. NO.	XX-XXXXX		
DATE	XX-XX-XXXX	TSDETAIL02.DWG	02 JAN 02
DESIGNED	XXX	DETAIL 2 of 6	
DESIGN CK	XXX		
DETAILED	XXX	SHEET X OF XX	
DETAIL CK	XXX		