FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	618-34	1998	125	160

CHART A SIGNAL HEADS

NUMBER OF SECTIONS	SIGNAL FACE ARRANGEMENT	MOUNTING TYPE	QTY.
		RIGID MAST ARM	
		RIGID MAST ARM	
		VERTICAL BRACKET	
		VERTICAL BRACKET	
3	A	SPAN WIRE	4
4	D	SPAN WIRE	4

CHART B TRAFFIC SIGNAL POLES

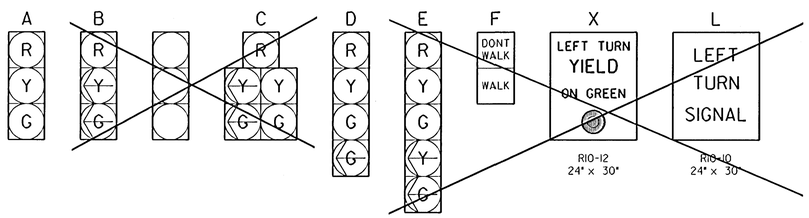
POLE NO.	POLE HEIGHT	ARM HEIGHT	ARM LENGTH	NO. OF SIGNALS ON ARM	SIGNAL SPACING	LUMINARE MOUNTING HEIGHT
1	40'	---	---	---	---	---
2	40'	---	---	---	---	---

CHART C DETECTOR OPERATIONS ①

LOOP LABEL	MODE	SIZE	NUMBER OF TURNS	PHASE CALLED	PHASE EXTENDED	DELAY/ STRETCH TIMER	INITIAL SETTING (SEC)

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
PAD MOUNTED CONTROLLER & CABINET	EACH	
POLE MOUNTED CONTROLLER & CABINET	EACH	1
TRAFFIC SIGNAL HEAD (see chart A) W/MOUNTING HARDWARE	EACH	8
TRAFFIC SIGNAL POLE (see chart B), CLASS 4, WDOD	EACH	2
TRAFFIC SIGNAL PEDESTAL, ALUMINUM 15'	EACH	
TRAFFIC SIGNAL CONTROLLER PEDESTAL, STEEL 4'	EACH	
LOOP DETECTOR (see chart C)	EACH	
CONCRETE CONTROLLER PAD	EACH	
CONCRETE FOOTING - POLE	EACH	
CONCRETE FOOTING - PEDESTAL	EACH	
BACKPLATE 5" 3 SECTION	EACH	8
BACKPLATE 5" 5 SECTION	EACH	
TERMINAL BLOCK	EACH	
SERVICE BOX	EACH	
JUNCTION BOX 12"	EACH	
JUNCTION BOX 18"	EACH	
GROUND ROD & CLAMP	EACH	2
TRAFFIC SIGNAL LAMP 135 WATT KRYPTON	EACH	32
LED RED TRAFFIC SIGNAL LENS	EACH	
ENTRANCE HEAD	EACH	1
CIRCUIT BREAKER & BOX 50 AMP	EACH	1
SURGE ARRESTOR - CONTROLLER	EACH	1
SURGE ARRESTOR - DETECTOR	EACH	
PEDESTRIAN PUSHBUTTON W/SIGN	EACH	
CONDUIT 3/4"	LIN.FT.	
CONDUIT 1"	LIN.FT.	
CONDUIT 2"	LIN.FT.	
CONDUIT 3"	LIN.FT.	
CONDUIT ELBOW 90°	EACH	
CONDUIT ELBOW 90°	EACH	
CONDUIT CLAMP	EACH	
LUMINAIRE	EACH	
LUMINAIRE LAMP watt HPS	EACH	
MULTI-CONDUCTOR CABLE NO.14 A.W.G. 3/c	LIN.FT.	
MULTI-CONDUCTOR CABLE NO.14 A.W.G. 5/c	LIN.FT.	700
MULTI-CONDUCTOR CABLE NO.14 A.W.G. 7/c	LIN.FT.	
MULTI-CONDUCTOR CABLE NO.14 A.W.G. 9/c	LIN.FT.	
MULTI-CONDUCTOR CABLE NO.14 A.W.G. 12/c	LIN.FT.	
POWER LEAD-IN CABLE NO.6 A.W.G. 1/c	LIN.FT.	
SHIELDED DETECTOR LEAD-IN WIRE NO.16 A.W.G. 2/c	LIN.FT.	
SHIELDED DETECTOR LEAD-IN WIRE NO.18 A.W.G. 4/c	LIN.FT.	
DETECTOR LOOP WIRE NO.14 A.W.G. 1/c	LIN.FT.	
LUMINAIRE WIRE NO.8 A.W.G. 1/c	LIN.FT.	
SPAN WIRE 3/8" ASTM A475 Siemens-Martin Grade Min.	LIN.FT.	400
1/2" GUY WIRE	LIN.FT.	100
SIGN (L)	EACH	
--- Quantities For Information Only ---		



SUMMARY OF TRAFFIC SIGNAL (TEMPORARY) QUANTITIES

Central and Greenwich Road T.S. No. 1.0

PREPARED BY
SEDGWICK COUNTY BUREAU OF PUBLIC SERVICES
HIGHWAY DIVISION

DAVID C. SPEARS, P.E. DIRECTOR/COUNTY ENGINEER

REVISED	SCALE	DESIGNED	TRACED	CHECKED	SHEET NO.
		RPG		WDH	
	DATE				
	PLANFILE TS-1-0.DWG		TOTAL SHEETS		

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Drawn by: MAF
Plotted by: jgp 8-19-97