CHART A SIGNAL SUMMARY

NO. WAYS	NO. SECTIONS (per face)	SIGNAL FACE ARRANGEMENT	MOUNTING TYPE	QUANTITY
1	3	A	RIGID MAST ARM	8
1	5	J	RIGID MAST ARM	4
1	2	L	VERTICAL BRACKET	2
			VERTICAL BRACKET	
1	2	L	BRACKET ASSEMBLY "G"	1
2	2	L	TYPE II BRACKET	3
1	2	L	BRACKET ASSEMBLY "B"	1

CHART B TRAFFIC SIGNAL POLES

	ARM SIZE	NO. OF SIGNALS ON ARM	SIGNAL SPACING		
9t37, 40' Lt.	38	3	38-30-19		
9t40.5, 66.5' Lt.	56	3	56-48-37		
10t59.5, 67' Lt.	56	3	56-48-37		
10t67, 59' Rt.	56	3	56-48-37		

SERVICE BOX SUMMARY

STATION	DIST.-SIDE
9t13	46' Rt.
9t21.5	35.5' Lt.
9t51.5	62.5' Lt.
10t74.5	53' Lt.
100t74.5	49.5' Lt.

JUNCTION BOX SUMMARY

STATION	DIST.-SIDE
6t35	40' Rt.
7t67	41' Rt.
12t34	38' Lt.
13t69	36' Lt.
96t33	20.5' Rt.
97t68	23' Rt.
102t35	25' Lt.
103t70	20' Lt.

CHART C

CONDUIT	TRENCHED	PUSHED
3/4"	770'	
1"		
1-1/4"	660'	
2"	100'	
3"	670'	

CHART D STREET NAME SIGN SUMMARY

LEGEND	SIZE
Seneca	18" x 60"
55th St	18" x 60"

BILL OF MATERIALS

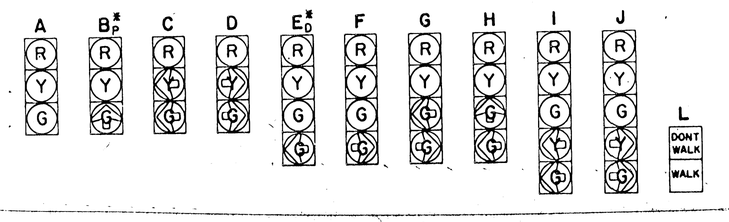
ITEM	UNIT	QUANT.
POLE MOUNTED CONTROLLER & CABINET	EACH	———
PEDESTAL MOUNTED CONTROLLER & CABINET	EACH	———
PAD MOUNTED CONTROLLER & CABINET	EACH	1
TRAFFIC SIGNAL HEAD (see chart A) w/MOUNTING HRDWRE.	EACH	20
TRAFFIC SIGNAL POLE (see chart B) STEEL	EACH	4
TRAFFIC SIGNAL POLE (see chart B) ALUMINUM	EACH	———
TRAFFIC SIGNAL PEDESTAL ALUMINUM 10'	EACH	1
	EACH	
	EACH	
CONCRETE CONTROLLER PAD	EACH	1
CONCRETE FOOTING-PEDESTAL	EACH	1
CONCRETE FOOTING-POLE	EACH	4
CONDUIT ELBOW 90°	EACH	As Req'd.
CONDUIT ELBOW 90° 3"	EACH	As Req'd.
BACK PLATE 5" 3 SECTION	EACH	———
BACK PLATE 5" 4 SECTION	EACH	———
BACK PLATE 5" 5 SECTION	EACH	———
	EACH	
SERVICE BOX	EACH	5
JUNCTION BOX	EACH	8
GROUND ROD & CLAMP	EACH	7
CONDUIT CLAMP	EACH	As Req'd.
TRAFFIC SIGNAL LAMP 135 watt	EACH	44
TRAFFIC SIGNAL LAMP 60watt	EACH	16
CLASS 4, WOOD POLE	EACH	———
ENTRANCE HEAD	EACH	1
CIRCUIT BREAKER & BOX	EACH	1
GUY WIRE GUARD	EACH	———
GUY WIRE CLAMP	EACH	———
THIMBLE EYE ANCHOR ROD	EACH	———
	EACH	
	EACH	
PEDESTRIAN PUSHBUTTON W/SIGN	EACH	8
	EACH	
	EACH	
	EACH	
	LIN. FT.	
DETECTOR LOOP WIRE NO. 14, AWG 1/c (TYPE THHN)	LIN. FT.	3800
LEAD-IN WIRE NO. 6 A.W.G. 1/c (TYPE THHN)	LIN. FT.	200
MULTI-CONDUCTOR CABLE NO. 14 A.W.G. 5/c	LIN. FT.	600
MULTI-CONDUCTOR CABLE NO. 14 A.W.G. 7/c	LIN. FT.	2800
MULTI-CONDUCTOR CABLE NO. 14 A.W.G. 2/c	LIN. FT.	40
SHIELDED DETECTOR LEAD-IN NO. 14 A.W.G. 2/c	LIN. FT.	6000
CONDUIT 3/4" SEE CHART C	LIN. FT.	770
CONDUIT 1" SEE CHART C	LIN. FT.	
CONDUIT 1-1/4" SEE CHART C	LIN. FT.	660
CONDUIT 2" SEE CHART C	LIN. FT.	100
CONDUIT 3" SEE CHART C	LIN. FT.	670
STANDARD IC #8 (GROUND)	LIN. FT.	900
TETHER WIRE 1/4" ASTM A475 Siemens-Martin Grade Min.	LIN. FT.	———
REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT **	L.S.	———
STREET NAME SIGNS - SEE CHART D	EACH	4
LEFT TURN YIELD ON GREEN W/ MOUNTING HARDWARE (R10-12)	EACH	4
	LIN. FT.	

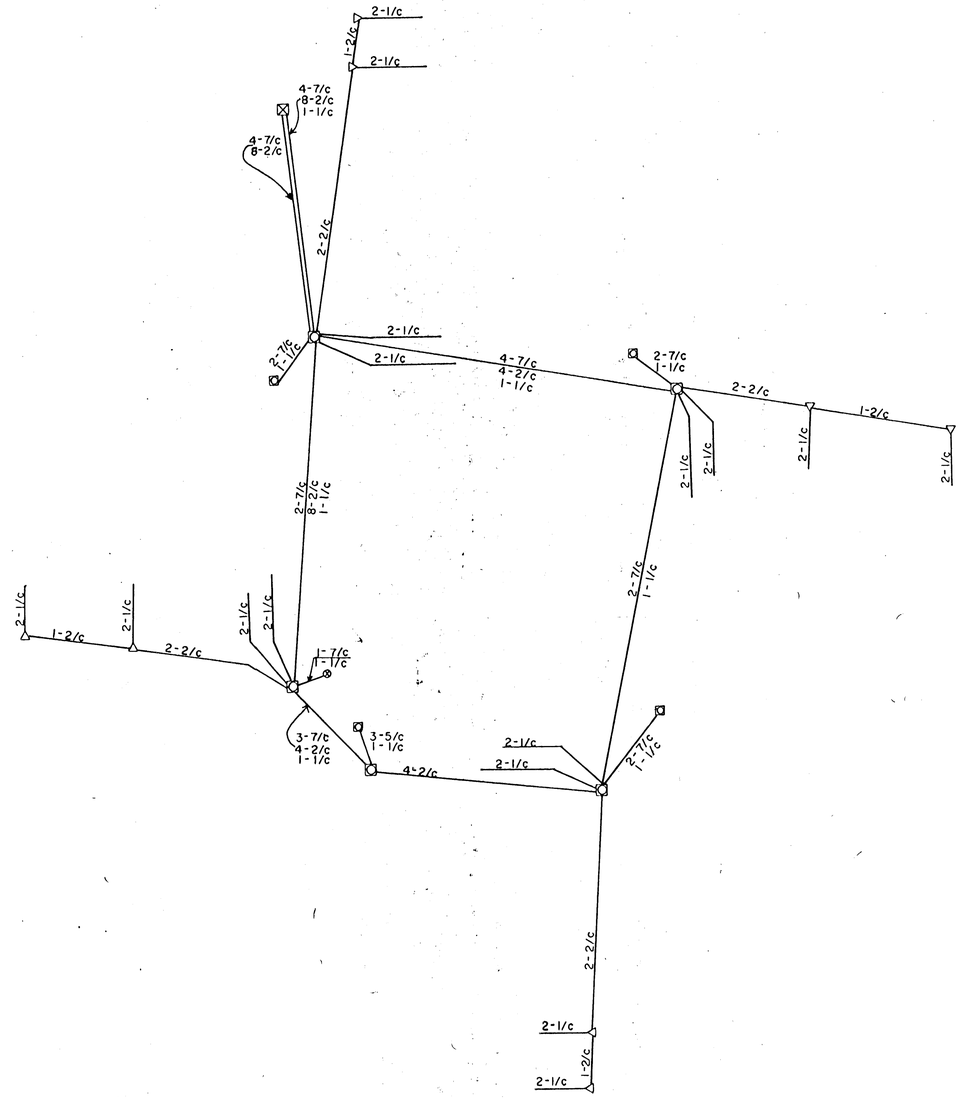
- Quantities For Information Only -

NOTE: The contractor shall supply and install all necessary materials and equipment for the complete installation and operation of the traffic signal system whether specifically mentioned or not.

* Subscript "P" indicates programmed signals.
Subscript "D" indicates dual-mode green/yellow arrow section.

** Removal of existing traffic signal equipment shall include removal of foundations, service boxes, and junction boxes. See construction traffic control regarding removal of existing signals.





FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS				

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

SIGNAL QUANTITIES SHEET

T.E. No. 4.3

SHEET NO. OF	SCALE	APP'D
DESIGNED	DETAILED	QUANTITIES
DESIGN CK.	DETAIL CK.	QUAN. CK.

30/58