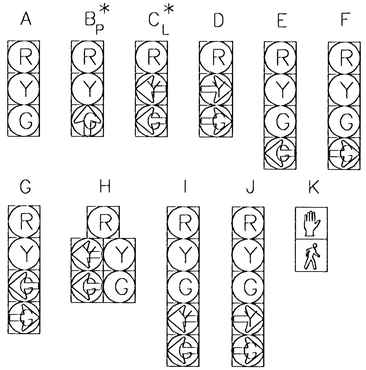
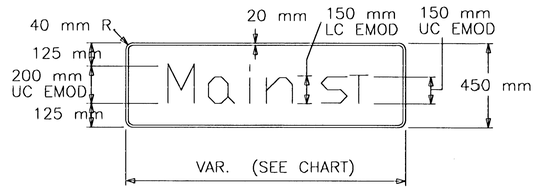
CHART A SIGNAL SUMMARY			
SIGNAL FACE ARRANGEMENT	NO. SECTIONS (PER FACE)	SIGNAL MOUNTING TYPE	QUANTITY



**LED RED INDICATIONS ARE TO BE USED.

CHART B ~~TRAFFIC SIGNAL POLES~~								
POLE NO.	POLE HEIGHT	SIGNAL ARM LENGTH	SIGNAL ARM MOUNTING HEIGHT	NO. OF SIGNALS ON ARM	SIGNAL SPACING	LUMINAIRE ARM LENGTH	LUMINAIRE MOUNTING HEIGHT	QUANT.
NW	EXISTING PED POLE (RELOCATE)							

CHART C OVERHEAD STREET NAME SIGNS			
SIGN	LEGEND	LENGTH	QUANTITY



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.

BILL OF MATERIALS

ITEM	QUANT. NEW	QUANT. REUSED	UNIT	SPEC. NO.	NOTE
			EACH		
			EACH		
			EACH		
			EACH		
			EACH		
			EACH		
			EACH		
			EACH		
			EACH		
			EACH		
TRAFFIC SIGNAL HEAD			EACH		
SIGNAL HEAD MOUNTING BRACKET			EACH		
BACK PLATE			EACH		
VEHICLE TRAFFIC SIGNAL LAMP			EACH		
PEDESTRIAN TRAFFIC SIGNAL LAMP		2	EACH		
RED LED TRAFFIC SIGNAL LAMP			EACH		
PEDESTRIAN PUSHBUTTON & SIGN		1	EACH		
PEDESTRIAN SIGNAL POLE		1	EACH		
PEDESTRIAN SIGNAL POLE BASE	1		EACH		
TRAFFIC SIGNAL POLE			EACH		
TRAFFIC SIGNAL PEDESTAL ALUMINUM		1	EACH		
TERMINAL BLOCK			EACH		
TERMINAL BLOCK BASE	1				
JUNCTION BOX	2		EACH		
SERVICE BOX	1		EACH		
LUMINAIRE			EACH		
LUMINAIRE LAMP WATT			EACH		
PHOTOCELL			EACH		
UNFUSED STREET LIGHT CONNECTOR KIT			EACH		
FUSED STREET LIGHT CONNECTOR KIT			EACH		
OVERHEAD STREET NAME SIGN			EACH		
R10-10 SIGN (600 mm X 750 mm)			EACH		
R10-12 SIGN (600 mm X 750 mm)			EACH		
BLANK OUT SIGN			EACH		
ENTRANCE HEAD		1	EACH		
SERVICE ENCLOSURE, 60 AMP.		1	EACH		
CIRCUIT BREAKER, TRAFFIC SIGNAL, 40 AMP.		1	EACH		
CIRCUIT BREAKER, LUMINAIRE, AMP.			EACH		
GROUND ROD & CLAMP	1		EACH		
SERVICE WIRE NO. 6 AWG 1/C			METER		
LIGHTING DISTRIBUTION WIRE NO. 8 AWG 1/C			METER		
POLE & BRACKET WIRE NO. 10 AWG 1/C			METER		
GROUND WIRE NO. 6 AWG 1/C			METER		
GROUND WIRE NO. 8AWG 1/C	16				
MULTI-CONDUCTOR CABLE NO. 14 AWG 5/C			METER		
MULTI-CONDUCTOR CABLE NO. 14 AWG 7/C	16		METER		
MULTI-CONDUCTOR CABLE NO. 14 AWG 2/C			METER		
SHIELDED DETECTOR LEAD-IN CABLE NO. 18 AWG 4/C					
SHIELDED DETECTOR LEAD-IN CABLE NO. 14 AWG 2/C	275		METER		
DETECTOR LOOP WIRE NO. 14 AWG 1/C	36		METER		
LOOP SEALANT	AS REQU'D				
PRE-FORMED LOOP			EACH		
CONDUIT, 19 mm & FITTINGS	26		METER		
CONDUIT, 32 mm & FITTINGS	32		METER		
CONDUIT, 50 mm & FITTINGS (PVC)	5		METER		
CONDUIT, 75 mm & FITTINGS (PVC)	5		METER		
CONDUIT, 100 mm & FITTINGS (PVC)			METER		

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0198-01	2001	34	82

FED. AID NO. - CMQ-N019(801)

BID ITEM TABLE

LUMP SUM

ITEM	UNIT	QUANT.
PED POLE RELOCATE *	LS	LS

NOTE:

POLE/MAST ARM CONNECTION SHALL BE ALTERNATIVE FLANGE PLATE DESIGN

* - PAID FOR AS "TRAFFIC SIGNAL RELOCATION (K-96 & ROCK)"

ROCK ROAD & K96 WB on Ramp

-QUANTITIES FOR INFORMATION ONLY-

NO.	DATE		BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

NEMA SYSTEM

TRAFFIC SIGNAL QUANTITIES SHEET

TE130ASI 04/28/98

FHWA APPROVAL	05/18/98		APP'D		Linda G. Voss, P.E.
DESIGNED	J.F.F.	DETAILED	J.F.F.	QUANTITIES	TRACED
DESIGN CK.	D.A.C.	DETAIL CK.	D.A.C.	QUAN. CK.	TRACE CK.

ROCK ROAD PLAN S005.DWG

Plotted By : @USERNAME@@Hacher Bldg., 4th Floor
Plot File : @@@@@@@@@@@@DGNSPEC@@@@@@@@@@@@
Plot Date : @@@@@SYTIME@@@@@