



MATERIALS TABLE		
ITEM	UNIT	QUANTITY
CONCRETE FOOTING - PEDESTAL	EA.	2
TRAFFIC SIGNAL PEDESTAL	EA.	2
GROUND ROD & CLAMP	EA.	2
TRAFFIC SIGNAL MAST ARM (40')	EA.	1
TRAFFIC SIGNAL HEAD - 12" (TYPE A) W/MOUNTING BRACKET	EA.	2
TRAFFIC SIGNAL HEAD - 12" (TYPE 1) W/MOUNTING BRACKET	EA.	1
PEDESTRIAN PUSHBUTTON W/SIGN (AUDIBLE)	EA.	2
L.E.D. UNIT	EA.	11
BACK PLATE FOR SIGNAL HEAD (TYPE A)	EA.	10
BACK PLATE FOR SIGNAL HEAD (TYPE 1)	EA.	2
MULTI-CONDUCTOR CABLE NO. 14 AWG 7/c	LF	161
MULTI-CONDUCTOR CABLE NO. 14 AWG 5/c	LF	96
STANDARD NO. 8 AWG 1/c (TYPE THIN) (GROUND)	LF	96
MULTI-CONDUCTOR CABLE NO. 16 AWG 3/c (RADAR)	LF	214
CONDUIT 2"	LF	53
WAVETRONIX DETECTION AND MOUNTING HARDWARE	EA.	1

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EQUIPMENT NECESSARY FOR THE COMPLETE AND SATISFACTORY OPERATION OF THE TRAFFIC SIGNAL WHETHER SAID EQUIPMENT IS SPECIFICALLY MENTIONED OR NOT. THE QUANTITIES SHOWN ARE FOR INFORMATION ONLY.

EMERGENCY FLASH	
PHASE	INDICATION
2	Red
4	Red
6	Red
8	Red
Pedestrian	Dark

SUGGESTED TIMINGS (SEC.)									
Phase	Minimum Initial	Unit Extension	Green	*Maximum Green	Pedestrian			Clearance	
					Walk	FDW	SDW	Yellow	All Red
2	7.0	3.0	34.0	40.0	--	--	--	4.1	1.0
3	6.0	3.0	17.0	20.0	--	--	--	3.7	1.0
4	6.0	2.5	17.0	20.0	--	--	--	3.7	1.0
6	7.0	3.0	34.0	40.0	7.0	18	3.0	4.1	1.0
7	6.0	3.0	17.0	20.0	--	--	--	3.7	1.0
8	6.0	2.5	17.0	20.0	7.0	22	3.0	3.7	1.0

CLEARANCE DESIGN SPEEDS
CENTRAL: 35 MPH
VASSAR: 30 MPH

* Maximum Green Is For Non-Pedestrian Calls Only. Pedestrian Phasing Shall Extend Phase When Called If Appropriate.

NOTE: PHASES 4 AND 8 SHALL RUN WITH A SPLIT PHASE OPERATION TO PREVENT CONFLICTING MOVEMENTS

NOTES:

ALL TRAFFIC SIGNAL EQUIPMENT AND WIRING SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF WICHITA SPECIFICATIONS.

TRAFFIC SIGNAL EQUIPMENT (POLES, PEDESTALS & CABINET) SHALL BE BLACK PER CITY OF WICHITA SPECIFICATIONS. POLES & PEDESTALS SHALL BE GALVANIZED PRIOR TO PAINTING.

Central & Vassar Wiring Plan			
			924 N. Main Wichita, Kansas 316-264-8008
	PROJECT NUMBER 472-85413	RB JOB NO. 4975T	DWG. SCALE ...
DRAWING FILE 4975E Private Paving Plan Base [Wiring Plan]			DESIGN KWL DRAWN KWL REVIEW ... SHEET 6 OF 10