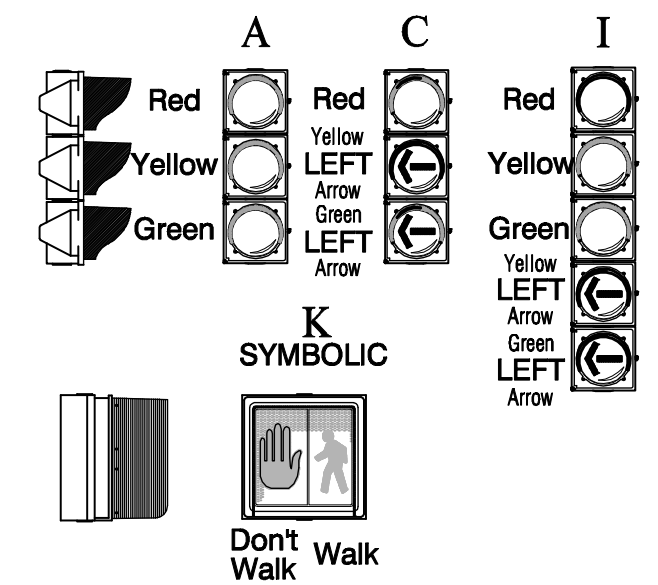


BILL OF MATERIALS

ITEM	UNIT	QTY
PAD MOUNTED CONTROLLER & CABINET	EACH	-
TRAFFIC SIGNAL HEAD (SEE CHART A) W/ MOUNTING HARDWARE	EACH	3
PEDESTRIAN SIGNAL HEAD (12" COMB.) W/ MOUNTING HARDWARE	EACH	6
TRAFFIC SIGNAL POLE (SEE CHART B) STEEL	EACH	-
CONCRETE CONTROLLER PAD	EACH	-
CONCRETE FOOTING - POLE	EACH	-
CONDUIT ELBOW 90° 3"	EACH	-
CONDUIT ELBOW 90° 3"	EACH	-
BACK PLATE 5" - 3 SECTION	EACH	-
BACK PLATE 5" - 5 SECTION	EACH	3
TRAFFIC MANHOLE	EACH	1
GROUND ROD & CLAMP	EACH	-
CONDUIT CLAMP	EACH	-
TRAFFIC SIGNAL LAMP RED LED KIT	EACH	3
TRAFFIC SIGNAL LAMP YELLOW LED KIT	EACH	3
TRAFFIC SIGNAL LAMP GREEN LED KIT	EACH	3
TRAFFIC SIGNAL LAMP GREEN ARROW LED KIT	EACH	3
TRAFFIC SIGNAL LAMP YELLOW ARROW LED KIT	EACH	3
TRAFFIC SIGNAL LAMP LED (12" COMBINATION)	EACH	-
CLASS 4 - WOOD POLE	EACH	-
ENTRANCE HEAD	EACH	-
CIRCUIT BREAKER & BOX	EACH	-
GUY WIRE GUARD	EACH	-
GUY WIRE CLAMP	EACH	-
THIMBLE EYE ANCHOR ROD	EACH	-
PEDESTRIAN PUSHBUTTON W/SIGN	EACH	6
LEAD-IN WIRE No. 4 A.W.G. 1/C (TYPE THHN)	LIN. FT.	-
STANDARD 1C #8 (GROUND)	LIN. FT.	-
MULTI-CONDUCTOR CABLE No. 16 A.W.G. 3/C (V3)	LIN. FT.	-
MULTI-CONDUCTOR CABLE No. 14 A.W.G. 7/C	LIN. FT.	-
VIDEO CABLE 75 OHM COAXIAL (BELDON 8281) (CX)	LIN. FT.	-
CONDUIT 2" PVC - WESTAR	LIN. FT.	-
CONDUIT 1.5" RGC	LIN. FT.	-
CONDUIT 2" RGC	LIN. FT.	-
CONDUIT 3" RGC	LIN. FT.	-
CAMERA HOUSING	EACH	-
VIDEO DETECTION CAMERA & MOUNTING HARDWARE (RISER BRACKET)	EACH	-
VIDEO DETECTION PROCESSOR UNIT	EACH	-
VIDEO MONITOR	EACH	-
TETHER WIRE 1/4" ASTM A475 SIEMENS-MARTIN	LIN. FT.	-
GRADE MIN.	-	-
STREET NAME SIGNS W/MOUNTING HARDWARE (D-3)	EACH	-
LEFT TURN YIELD ON GREEN W/MOUNTING HARDWARE (R10-12)	EACH	3

TYPICAL SIGNAL HEADS



SIGNAL INVENTORY

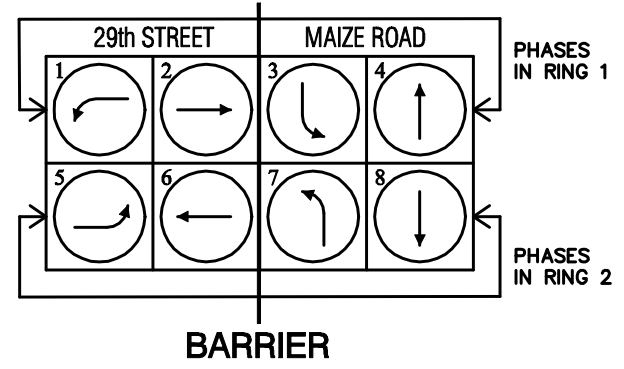
NO. WAYS	NO. SECTIONS (Per Face)	SIGNAL FACE ARRANGEMENT	MOUNTING TYPE	QTY
1	3	A	TYPE I	-
1	5	I	TYPE I	3
1	3	A	TYPE III	-
1	1	K (SYMB)	TYPE II	6

TYPE 170 CONTROLLER SETTINGS

Interval	Phase								Time Clock	Nominal Display									
	1 WBLT	2 EB	3 SBLT	4 NB	5 EBLT	6 WB	7 NBLT	8 SB		Phase									
Max.	0							0	Year	Veh Recall									
Max. 2	1							1	Month	Ped Recall									
Walk	2							2	Day/Month	Red Lock									
Fl. Dv.	3							3	Day/Week	Yel Lock									
Max. Int.	4							4	Hour	0 Permit									
Min. Green	5							5	Minute	Ped Phases									
TBR	6							6	Second	Lead Phases									
TTR	7							7		Dbt Entry									
	8							8		Sequential									
Passage	9							9		Start Up Yel									
Min. Gap	a							a		Overlap A									
Add Act	b							b		Overlap B									
Yellow	c							c		Overlap C									
Red Clr	d							d		Overlap D									
Red Rev	e							e		Exclusive									
Walk II	f							f		Sim Gap									

GENERAL NOTES

- Signal Timing by the City of Wichita. The Contractor shall be responsible for furnishing all equipment necessary for the complete and satisfactory operation of the traffic signal, whether said equipment is specifically mentioned or not.
- Signal heads, pedestrian signals, traffic signs, etc. shall include all brackets, hardware, & other incidentals necessary for installation.
- See City of Wichita Standard Specifications for additional wiring notes.
- Quantities are for Information Only.



Drawing File: F:\eng\29th (Maize-119th)\traffic base (Signal)
 Design: AZIERE
 Drawn: AZIERE
 Approved: JFB
 Scale: NOTED

Project No. 0403-E828 CAPITAL IMPROVEMENT PROJECT
Intersection Signal System Enhancements
 29th & Maize Road Intersection
 29th Street Paving Project - Maize Road to 119th Street

Baughman Company, P.A.
 315 Ella St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE