

**TRAFFIC SIGNAL QUANTITIES**

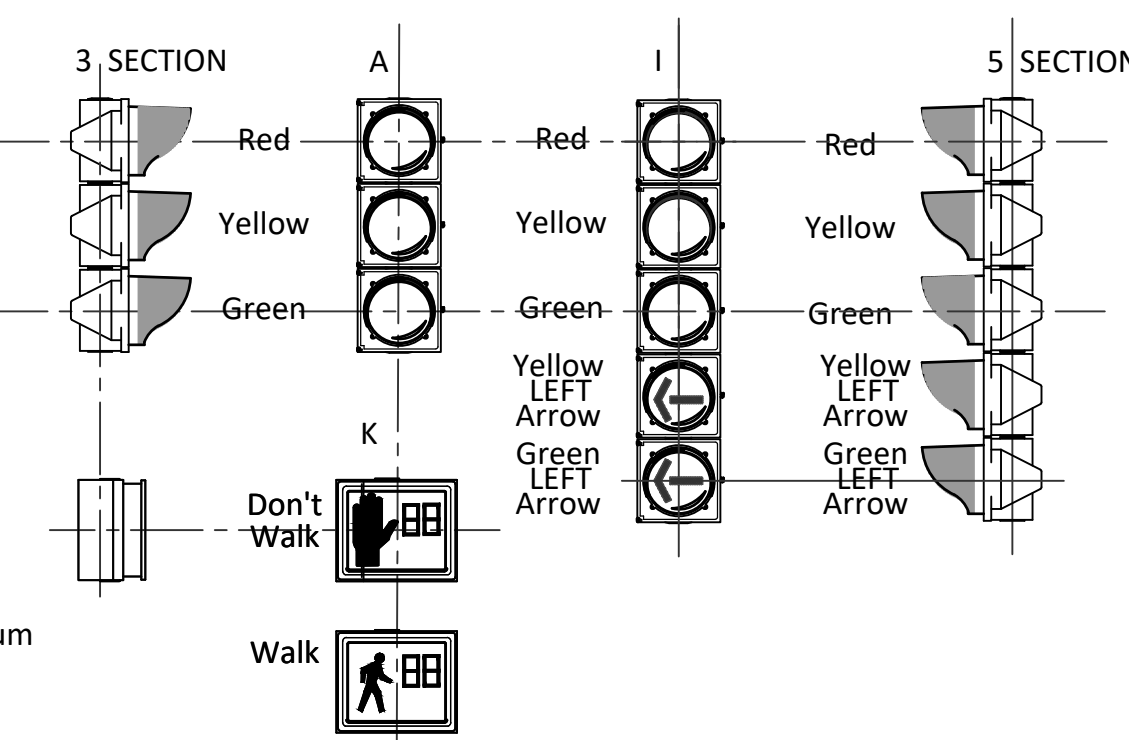
ITEM	UNIT	EST. QUANTITIES (*)
Model 2070 Controller (See Inclusive List Below)	Each	-
Pad Mounted Controller Cabinet**	Each	3
Concrete Base for Controller**	Each	3
Traffic Signal Pole w/ Mast Arm	Each	-
Pedestrian Crossing Signal Pole	Each	-
Concrete Base for Signal Poles	Each	5
Concrete Base for Pedestrian Signal Pole	Each	-
Traffic Signal Head (Type A) w/ Reflect. Backplate & Brkt	Each	-
Traffic Signal Head (Type I) w/ Reflect. Backplate & Brkt	Each	-
Traffic Signal Head (Type A) (Type III)	Each	-
Traffic Signal Head (Type K) (Type II)	Each	-
R10-12 (Left Turn On Green) w/ Mtg. Brackets	Each	-
D3 Assy. (Street Name Size) w. Mtg. Brackets	Each	5
Pedestrian Pushbutton w/ Sign (**)	Each	-
Ground Rod & Clamp	Each	5
Traffic Manhole	Each	-
TRAFFIC SIGNAL LAMP RED LED KIT	Each	-
TRAFFIC SIGNAL LAMP YELLOW LED KIT	Each	-
TRAFFIC SIGNAL LAMP YELLOW ARROW LED KIT	Each	-
TRAFFIC SIGNAL LAMP GREEN LED KIT	Each	-
TRAFFIC SIGNAL LAMP GREEN ARROW LED KIT	Each	-
PEDESTRIAN LED W/COUNTDOWN	Each	-
3" RGC Conduit	L.F.	46
2" RGC Conduit	L.F.	-
1.5" RGC Conduit	L.F.	-
Video Detection Camera and Mounting Hardware	Each	1
Video Detection Processor	Each	-
Camera Housing	Each	1
Multi-Conductor Cable 7C #14 AWG	L.F.	547
Multi-Conductor Cable 5C #14 AWG	L.F.	-
Ground Wire 1C (THHN #8 AWG)	L.F.	-
Video Power Cable No. 16 AWG 3/C (V3)	L.F.	137
Video Cable 75 OHM Coaxial (Beldon 8281)(CX)	L.F.	137
Camera Charged Coupling Device	Each	1

**CHART 'C' - CONDUIT**

CONDUIT SIZE	TRENCHED	PUSHED
1.5" RGC	-	-
2" RGC	-	-
3" RGC	46'	-

**CHART 'F' - STREET NAME SIGN SUMMARY**

LEGEND	TYPE	QTY	UNITS	SIZE	ADDRESS
WATERMAN	D-3	1	EA	18" X Varies	400 E
WILLIAM	D-3	1	EA	18" X Varies	400 E
DOUGLAS	D-3	1	EA	18" X Varies	400 E
1ST STREET	D-3	1	EA	18" X Varies	400 E
2ND STREET	D-3	1	EA	18" X Varies	400 E



(\*) For Information Only  
\*\* Pad Mounted Controller Cabinets to be bid Separate from "Traffic Signalization" Lump Sum

**TRANSPORT OF SALVAGED MATERIAL**

ITEM	QUANTITY
Pedestrian Poles w/ Ped. Signal Heads	8
Signal Pole & Mast Arm w/ Signal Heads & Ped. Signal Heads	2
Type 'A' Signal Heads (Taken from Northbound Signal Mast Arms & the Heads Unused on Repurposed Poles)	8
Pole Mounted Cabinet	6

\*FOR INFORMATION ONLY (Contractor to Bid as needed)

**SIGNAL POLE REMOVAL & INSTALLATION QUANTITIES**

ITEM	QUANTITY
Remove Existing Signal Pole & Mast Arm	7
Remove Existing Pedestrian Pole	8
Install Repurposed Signal Pole & Mast Arm w/ New Concrete Base	5

\*FOR INFORMATION ONLY (Contractor to Bid as needed)

**SIGNAL POLE & MAST ARM INVENTORY**

INT.	TAG	MAST ARM	JU/STD	LIGHT	'A' SIG. HEADS
TOPEKA	(A)*	22'	JU	No	2
	(B)	35'	JU	No	3
EMPORIA	(C)	32'	STD	-	2
	(D)*	24'	JU	Yes	2
	(E)	20'	STD	-	2
ARENA CROSSING	(F)	35'	JU	Yes	3
	(G)	35'	STD	-	3

\*Signal Pole & Mast Arms which are not Reused for this Project. Return to the CMF

**BAUGHMAN COMPANY**  
315 Ellis St. Wichita, KS 67211 316-262-7271  
BaughmanCo.com

**EMPORIA TWO-WAY CONVERSION**  
472-085610  
INTERNAL NUMBER: 20-03-E546  
DESIGN: LP  
DRAWN: LP  
DATE: Nov, 2020  
SHEET 7 OF 16

**WIRING & SUMMARY**  
CAPITAL IMPROVEMENT PROJECT