



**NOTES:**

1. INSTALL 2" PVC CONDUIT & PULL WIRE TO EXISTING LIGHTING CIRCUIT. COORDINATE WITH KG&E FOR LOCATION. PAYMENT SHALL BE SUBSIDIARY TO TRAFFIC SIGNAL INSTALLATION. CABLE WILL BE INSTALLED BY KG&E.
2. SPLICE COMMUNICATIONS CABLE FOR ZONES 1 AND 4 AT EXISTING RE-ENTERABLE SPLICE LOCATED IN KG&E VAULT LOCATED ON THE N.E. CORNER OF MAIN AND DOUGLAS.
3. PULL BACK ZONE 1 COMMUNICATIONS FROM EXISTING CONTROLLER TO KG&E SERVICE HOLE LOCATED IN THE N.W. CORNER OF MARKET AND DOUGLAS. EXTEND 2" RGC FROM KG&E VAULT TO NEW CONTROLLER. EXTEND 6 PR. COMMUNICATIONS CABLE FROM KG&E VAULT TO NEW CONTROLLER. IF NECESSARY SPLICE COMMUNICATIONS CABLE IN SERVICE BOX USING WATERPROOF RE-ENTERABLE SPLICE.
4. INSTALL 2" PVC CONDUIT AND PULL WIRE TO KG&E POWER SOURCE. COORDINATE WITH KG&E FOR LOCATION. PAYMENT SHALL BE SUBSIDIARY TO BID ITEM FOR 2" PVC CONDUIT. CABLE WILL BE INSTALLED BY KG&E.
5. TOWER LIGHTING CABLES SHALL BE INSTALLED IN 1" PVC CONDUIT. COST SUBSIDIARY TO CORNER TOWERS.
6. COST OF IRRIGATION CONTROLLER, CABLES AND CONDUIT SUBSIDIARY TO IRRIGATION SYSTEM.

**LEGEND**

- = SIGNAL POLE WITH MAST ARM (JOINT USE)
- ⊙ = SERVICE BOX
- ⊕ = STREET LIGHTING LUMINAIRE (FURNISHED & INSTALLED BY KG&E)
- ⊖ = 3 SECTION VEHICULAR SIGNAL (GREEN BALL)
- ⊞ = PEDESTRIAN INDICATION
- ⊠ = TRAFFIC SIGNAL CONTROLLER
- ⊡ = IRRIGATION CONTROLLER
- ⊙ (with M) = METER BOX AND POWER DISCONNECT
- ⊙ (with 4) = SIGNAL HEAD NUMBER
- ⊙ (with P) = SIGNAL POLE (JOINT USE)

**TRAFFIC SIGNAL POLE SUMMARY**

STATION	OFFSET	TYPE	ARM LENGTH	NO. OF SIGNALS ON ARM	NO. OF SIGNALS ON POLE
53+48.7	38.6' LT.	J, M	30'/28'	1/2	2-PED., 1-VEH.
54+16.2	38.4' LT.	J, M	19'	1	2-PED., 1-VEH.
54+18.1	37.6' RT.	J, M	26'	2	2-PED.
53+48.3	37.8' RT.	J	-	-	2-PED.

**TRAFFIC SIGNAL HEAD SUMMARY**

SIGNAL NO.	TYPE	SIZE	QUANTITY
1	A	3 - 12"	2
2	K	2 - 12"	2
3	A	3 - 12"	2
4	K	2 - 12"	2
5	A	3 - 12"	2
6	K	2 - 12"	2
7	K	2 - 12"	2
8	A	3 - 12"	2

J- JOINT USE TRAFFIC SIGNAL & LIGHT POLE (STREET LIGHT LUMINAIRE AND WIRING INSTALLED BY KG&E.)  
M- MAST ARM TRAFFIC SIGNAL POLE.

REVISED 4/99

**STREETSCAPES**  
PROJECT NAME

**SIGNALIZATION WIRING PLAN**  
**DOUGLAS AVENUE & MARKET STREET**  
SHEET TITLE

MID-KANSAS ENGINEERING  
CONSULTANTS, INC.  
411 N. WEBB ROAD  
WICHITA, KS. 67206  
316-684-9600

DESIGN BY: DLM  
DRAWN BY: DCH  
OCT. 1995  
DATE

CHECKED BY: DCH  
92010  
JOB NO.

21 / 61  
SHEET / OF