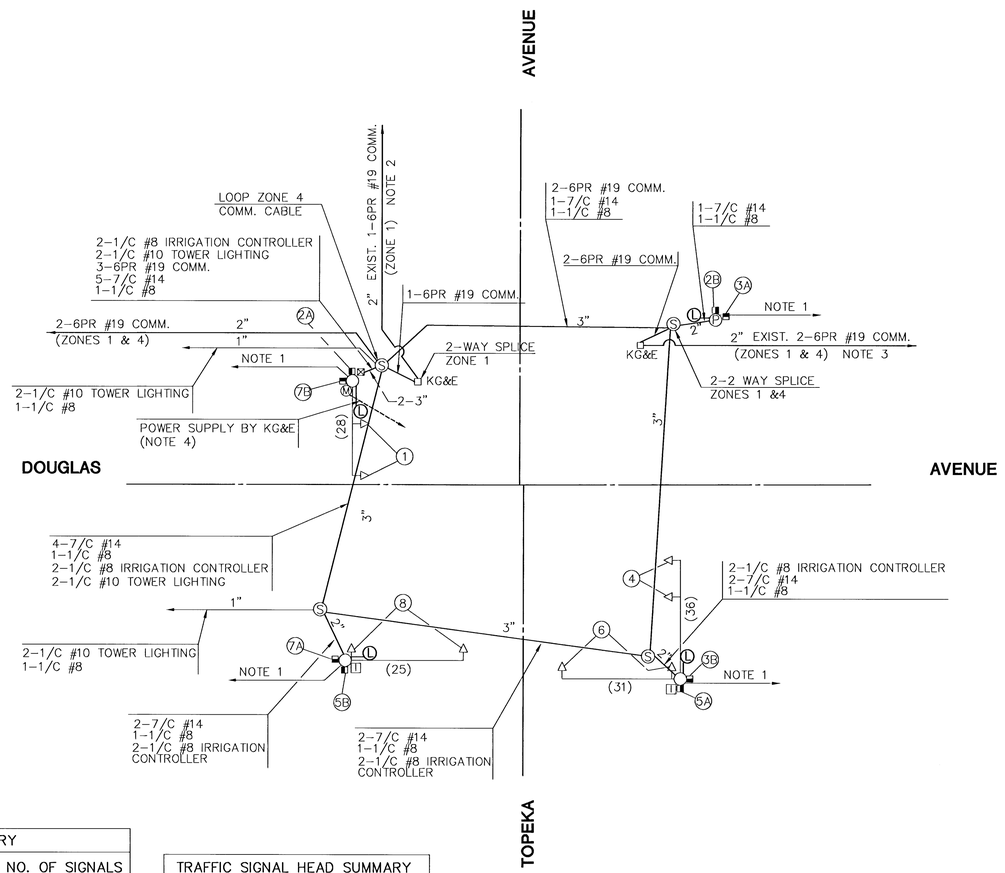

NOTES:

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. EXTEND 2" RGC FROM KG&E VAULT LOCATED ON N.W. CORNER TO NEW SERVICE BOX. EXTEND 6-PR. COMMUNICATIONS CABLE TO NEW SERVICE BOX AND MAKE 2-WAY ZONE 1 REENTERABLE SPLICE.
3. PULL BACK ZONE 1 & 4 COMMUNICATIONS CABLE FROM KG&E VAULT ON N.W. CORNER TO KG&E VAULT ON N.E. CORNER. EXTEND 2" RGC FROM KG&E VAULT TO NEW SERVICE BOX. EXTEND ZONES 1 & 4 COMMUNICATIONS CABLE TO NEW SERVICE BOX AND SPLICE USING 2 WATERPROOF REENTERABLE SPLICES.
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 (SHEET LS 2.01)
- Ⓜ = METER BOX AND POWER DISCONNECT
- ④ = SIGNAL HEAD NUMBER
- Ⓟ = SIGNAL POLE (JOINT USE)

TRAFFIC SIGNAL POLE SUMMARY					
STATION	OFFSET	TYPE	ARM LENGTH	NO. OF SIGNALS ON ARM	NO. OF SIGNALS ON POLE
60+92.3	37.7' LT.	J, M	28'	2	2-PED.
61+71.7	45.2' LT.	J	–	–	2-PED.
61+73.7	46.7' RT.	J, M	31'/36'	1/2	2-PED., 1-VEH.
60+98.7	45.4' RT.	J, M	25'	1	2-PED., 1-VEH.

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

M- MAST ARM TRAFFIC SIGNAL POLE.

TRAFFIC SIGNAL HEAD SUMMARY			
SIGNAL NO.	TYPE	SIZE	QUANTITY
1	A	3 – 12"	2
2	K	2 – 12"	2
3	K	2 – 12"	2
4	A	3 – 12"	2
5	K	2 – 12"	2
6	A	3 – 12"	2
7	K	2 – 12"	2
8	A	3 – 12"	2

REVISED 4/99

MID-KANSAS ENGINEERING CONSULTANTS, INC.
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STREETSCAPES
PROJECT NAME

SIGNALIZATION WIRING PLAN DOUGLAS AVENUE & TOPEKA AVENUE
SHEET TITLE

DCH	DLM	DCH
DESIGN BY:	DRAWN BY:	CHECKED BY:
OCT. 1995	92010	25 / 61
DATE	JOB NO.	SHEET/OF

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