"MAPITI PROGRAM"										NORMAL DISPLAY									
INTERVAL		PHASE								TIME CLOCK		FEATURES							
		1	2	3	4	5	6	7	8	C	F	1	2	3	4	5	6	7	8
MAX.	0	30	70	30	70	30	70	30	70	0 YEAR	VEH. RECALL				●				●
MAX. 2	1	30	70	30	70	30	70	30	70	1 MONTH	PED. RECALL								
WALK	2		8		8		8		8	2 DAY / MONTH	RED /LOCK								
PL. DW.	3		20		20		20		20	3 DAY / WEEK	YELLOW LOCK		●		●		●		●
MAX. INTL.	4	6	10	6	10	6	10	6	10	4 HOUR	Ø PERMIT	●	●	●	●	●	●	●	●
MIN. GREEN	5	5	8	5	8	5	8	5	8	5 MINUTE	PED. PHASES		●		●		●		●
TBR	6	1	15	1.0	15	1	15	1.0	15	6 SECOND	LEAD PHASES	●		●		●		●	
TTR	7	1	25	1.0	25	1	25	1.0	25	7	OBL. ENRTY								
	8									8	SEQUENTIAL								
PASSAGE	9	1	2	1.0	2	1	2	1.0	2	9	STARTUP								
MIN. GAP	A	1	1.0	1.0	1.0	1	1.0	1.0	1.0	A	OVERLAP A								
ADD ACT	B	1	2.6	1.0	2.6	1	2.6	1.0	2.6	B	OVERLAP B								
YELLOW	C	3	3.5	3	3.5	3	3.5	3	3.5	C	OVERLAP C								
RED CLR.	D	1	1.5	1.0	1.5	1	1.5	1.0	1.5	D	OVERLAP D								
RED REV.	E									E	EXCLUSIVE								
WALK II	F									F	SIM GAP								

FHWA REG. NO.	STATE	PROJECT NO.:	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N-0099-01	1999	33	68

DETECTORS

LOOP NO.	SIZE	NO. OF TURNS	MOVEMENT CALLED
1	5 X 2	4	8
2	5 X 2	4	8
3	5 X 2	4	8
4	1.5 X 15	2-4-2	3
5	5 X 2	4	8
6	5 X 2	4	6
7	5 X 2	4	6
8	1.5 X 15	2-4-2	1
9	5 X 2	4	4
10	5 X 2	4	4
11	5 X 2	4	4
12	1.5 X 15	2-4-2	7
13	5 X 2	4	2
14	5 X 2	4	2
15	5 X 2	4	2
16	1.5 X 15	2-4-2	5

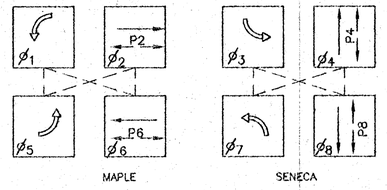
LEGEND:

- VEHICLE DETECTOR LOOP (QUADRAPOLE)
- VEHICLE DETECTOR LOOP (DIPOLE)
- SERVICE BOX
- (JU) METAL TRAFFIC SIGNAL POLE (JOINT USE)
- TRAFFIC SIGNAL INDICATOR (WITH BACK PLATE)
- TRAFFIC SIGNAL INDICATOR
- MAST ARM SUSPENDED TRAFFIC SIGNAL (LENGTH OF MAST ARM)
- PEDESTRIAN SIGNAL INDICATOR
- JUNCTION BOX
- CONTROLLER & CABINET

Scale = 1:250

SEE SHEET _____ FOR TRAFFIC SIGNAL INDICATORS.

20 mm R.G.C.
STA. 1+096.00
10.00 m LT.
STA. 1+097.00
50 mm R.G.C.
STA. 1+048.00
20MM R.G.C.
STA. 1+047.00
10.00 m LT.
50 mm R.G.C.
STA. 1+024.00
STA. 1+012.40
10.00M LT.
STA. 1+012.00
17.00 m LT. (JU)
STA. 1+032.00
75 mm Cond.
R 10-12 (TYP.)
STA. 1+016.00
12.7 m RT. (JU)
STA. 5+022.30
10.30M LT.
STA. 5+049.00
10.00M LT.
STA. 5+079.00
10.00 m LT.
20 mm R.G.C.
30 mm R.G.C.
20 mm R.G.C.
DODGE
SENECA
MAPLE
1+060
1+040
1+020
1+000
3.4 M 3.4 M 3.7 M 3.4 M 3.4 M
(13 m)
75 mm Cond.
STA. 4+969.00
STA. 4+975.00
STA. 4+951.00
STA. 4+909.00
STA. 4+910.00
10.00 m RT.
20 mm R.G.C.
20 mm R.G.C.
20 mm R.G.C.
STA. 4+952.00
10.00 m RT.
30 mm R.G.C.
STA. 4+977.50
10.00 m RT.
STA. 0+997.00
13.00 m RT. (JU)
STREET NAME SIGN (TYP.)
75 mm Cond.
STA. 5+025.00
STA. 5+050.00
STA. 5+080.00
STA. 5+031.00
R 10-12 (TYP.)
STA. 5+022
10.00 m RT.
STA. 5+067
10.00 m RT.
See Note No. 8
STA. 0+987.00
16.00 m RT. (JU)
75 mm Cond.
STA. 0+977.00
10.00 m RT.
STA. 0+979.00
50 MM R.G.C.
STA. 0+969.00
STA. 0+952.00
10.00 m RT.
20 mm R.G.C.
STA. 0+951.00
50 mm R.G.C.
STA. 0+920.00
10.00 m RT.
STA. 0+919.00
20 mm R.G.C.
4+900 4+920 4+940 4+960 4+980 5+000 5+020 5+040 5+060 5+080



SIGNAL PHASING

NOTES:

1. Contractor shall remove and stockpile for City of Wichita existing signals, signal poles, controller, and manhole covers. Contractor shall notify Signal Supervisor @ 268-4033 at least 24 hours prior to removal to coordinate delivery.
2. Temporary signals will be provided by Contractor. See Sheet 55 for timing.
3. Traffic to be carried through construction. See Construction Traffic Control Plan.
4. Contractor shall contact all utility companies which may be affected by this construction prior to beginning of construction.
5. Service Box, Junction Box and conduit runs are typical only and should be adjusted during installation to clear obstructions and facilitate wiring.
6. The traffic signal system shall be complete and the Contractor shall furnish and install all equipment necessary for the satisfactory operation of electrical apparatus and for the complete operation of traffic signal system whether specifically mentioned or not.
7. Longitudinal orientation of loops shall be adjusted so that no loop begins or ends within one foot of a transverse joint.
8. Install 50 mm RGC with 6-Pr. communication cable. Install 50 mm riser on KGE pole located at Sta. 5+151, Rt. Side. Install Junction Box near Pole. Pull back Comm. cable from Seneca-Maple to KGE Pole. Splice in junction box, Reroute to controller @ Seneca-Maple.

TRAFFIC SIGNAL PLAN
SENECA & MAPLE

SCALE:	APPROVED:	DRAWN BY:
DATE:		CHECKED:
PROJECT NO:		SHEET NO.:

MUNICIPAL ENGINEERS, P.A.
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316-262-8834 (FAX)