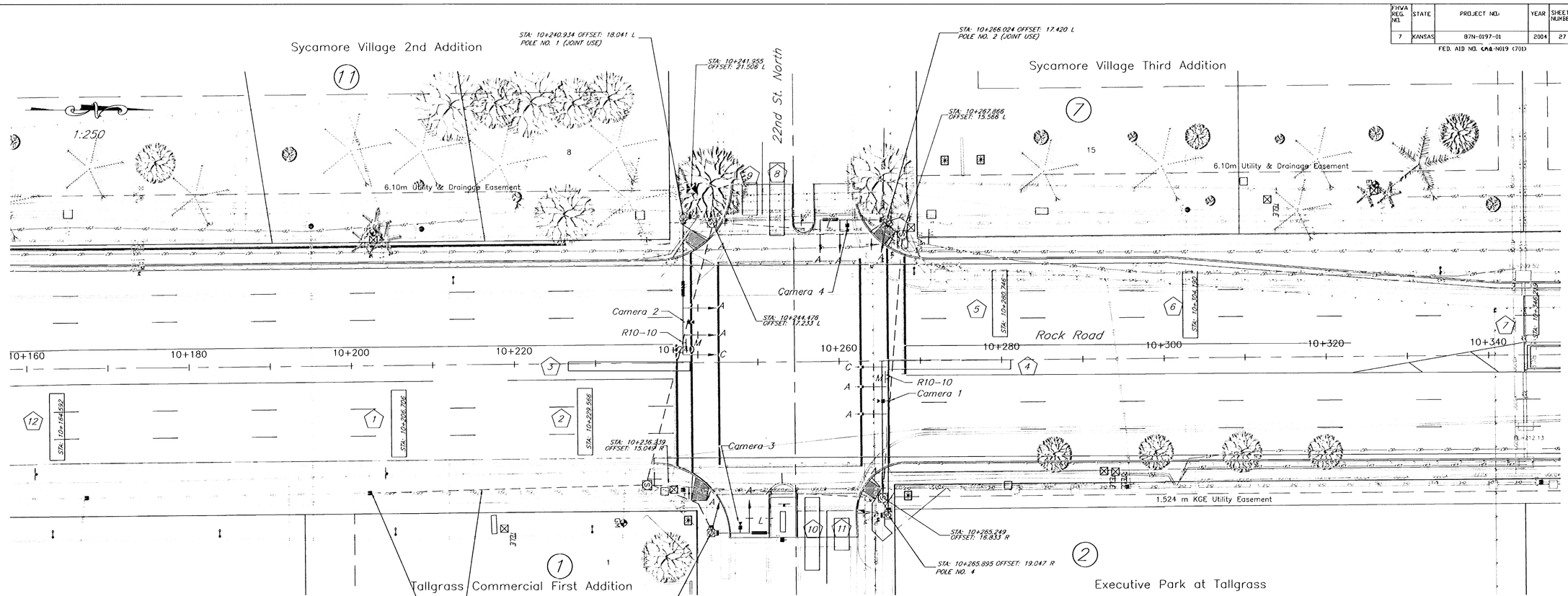
FHWA REG. NO.	STATE	PROJECT NO.	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0197-01	2004	27	51

FED. AID NO. CMG-N019 (701)



Contractor to install 50 mm conduit to power pole at southeast corner of 22nd St. N and Rock Rd, Sta 10+202.140 15.72 m RT. Install riser at pole and OH splice kit.

NOTES:

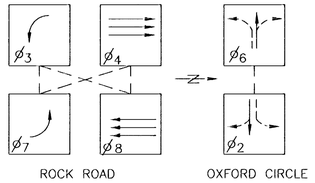
1. Contractor shall remove and deliver to CMF, 1801 S. McLean for City of Wichita existing signals, signal poles, controller, cabinet, and manhole covers. Contractor shall notify Traffic Engineering Department two weeks prior to start of construction. Delivery of salvageable items is non-participating.
2. Traffic to be carried through construction. See Construction Traffic Control Plan.
3. Contractor shall contact all utility companies which may be affected by this construction prior to beginning of construction.
4. Service Box, Junction Box and conduit runs are typical only and should be adjusted during installation to clear obstructions and facilitate wiring.
5. 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.

LEGEND:

- VEHICLE DETECTOR ZONE
- SERVICE BOX
- METAL TRAFFIC SIGNAL POLE
- TRAFFIC SIGNAL INDICATOR (WITH BACK PLATE)
- LOOP NO.
- STREET NAME SIGN
- LEFT TURN SIGN
- TRAFFIC SIGNAL INDICATOR
- MAST ARM SUSPENDED TRAFFIC SIGNAL (LENGTH OF MAST ARM)
- PEDESTRIAN SIGNAL INDICATOR AND PUSHBUTTONS
- CAMERA
- PAD MOUNTED CONTROLLER AND CABINET

DETECTORS/ZONES

LOOP NO.	SIZE	CAMERA	MOVEMENT CALLED
1	1.8 m x 8.2 m	1	4
2	1.8 m x 8.2 m	1	4
3	1.8 m x 15 m	1	7
4	1.8 m x 15 m	2	3
5	1.8 m x 8.2 m	2	8
6	1.8 m x 8.2 m	2	8
7	1.8 m x 5 m	2	8
8	1.8 m x 9 m	3	2
9	1.8 m x 9 m	3	2
10	1.8 m x 4 m	4	6
11	1.8 m x 4 m	4	6
12	1.8 m x 8.2 m	1	4



SIGNAL PHASING

"WAPITI 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	30	80		30	30	80	0	YEAR	VEH. RECALL				X				X
MAX. 2	1		30	30	80		30	30	80	1	MONTH	PED. RECALL								
WALK	2		5		5		5		5	2	DAY / MONTH	RED LOCK								
FL. DW.	3		15		20		15		20	3	DAY / WEEK	YELLOW LOCK								
MAX. INTL.	4		6	6	10		6	6	10	4	HOUR	Ø PERMIT	X	X	X		X	X	X	
MIN. GREEN	5		5	5	8		5	5	8	5	MINUTE	PED. PHASES	X	X	X		X	X	X	
TBR	6		1	1	15		1	1	15	6	SECOND	LEAD PHASES	X	X		X	X	X		
TTR	7		1	1	25		1	1	25	7		DBL. ENRTY		X				X		
	8									8		SEQUENTIAL								
PASSAGE	9		1	1	2.0		1	1	2.0	9		STARTUP								
MIN. GAP	A		1	1	2.0		1	1	2.0	A		OVERLAP A								
ADD ACT	B		1	1	2.0		1	1	2.0	B		OVERLAP B								
YELLOW	C		3	3	4.0		3	3	4.0	C		OVERLAP C								
RED CLR.	D		1	1	1.5		1	1	1.5	D		OVERLAP D								
RED REV.	E									E		EXCLUSIVE								
WALK II	F									F		SIM GAP								

*10 SEC DELAY ON RIGHT TURN LOOPS

INTERSECTION ID #

Rock Road-21st Street North to 29th Street North

Rock Road & 22nd St. N. Signal Plan

City of Wichita

kemiller engineering
516 S. Market, Wichita, KS 67202 316/264-0242

PROJECT NUMBER 472-83889

KEM NO.	FILE	DATE	SHEET
02042	signal1	08/2002	27
DESIGN	DRAWN	REVISED 12/2003	OF 51