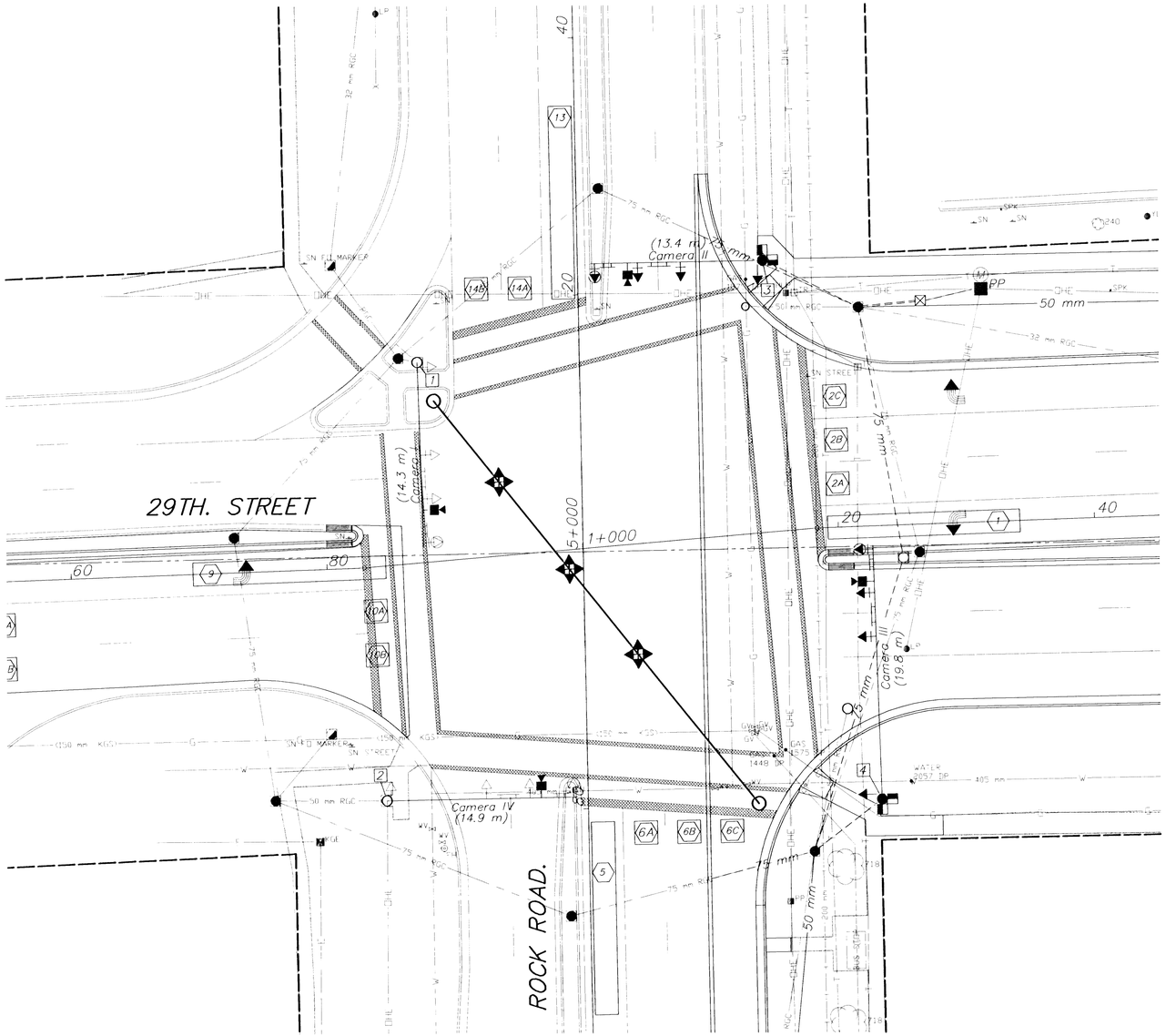
STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
KANSAS	87 N-0287-01	2003	79A	107

DATE	BY	
		REFERENCES NOTED
		REFERENCES CHECKED



Scale: 1 : 200

LEGEND

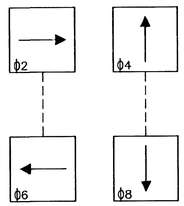
- Existing Traffic Signal Pole
- Proposed Steel Traffic Signal Pole
- Proposed Traffic Signal Indication (Type A)
- Proposed Traffic Signal Indication (Type A) w/Backplate
- Proposed Traffic Signal Indication (Type I) w/Backplate
- Proposed Mast Arm Suspended Traffic Signal w/Backplate
- Existing Traffic Signal Indication
- Proposed Video Dectection Camera
- PP Westar Energy Power Pole
- Proposed Service Box
- Existing Service Box
- Proposed Junction Box
- Existing Junction Box
- Proposed Controller
- (M) Existing Meter Box and Power Disconnect
- Proposed Pedestrian Indication
- Proposed Vehicle Detection Zone
- (1) Proposed Detection Number
- [2] Traffic Signal Pole Number
- Proposed Rigid Galvanized Conduit (RGC)
- Existing Conduit
- Proposed Overhead Street Name Sign
- Proposed Overhead Sign R10-12 (Lt. Yield on Green)
- Temporary Traffic Signal (4 Way)(Type A)
- Temporary Traffic Signal Pole

GENERAL NOTES

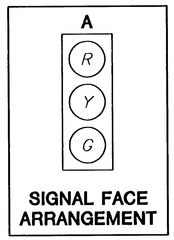
1. The Contractor shall install and operate a Temporary Traffic Signal at the 29th. Street and Rock Road intersection. The Contractor shall prepare plans for traffic signals in consultation with the Traffic Engineer and in conformance with the Contractor's Traffic Control Plan. Notify City of Wichita Traffic Maintenance 7 days prior to signal turn-on.
2. All wiring installed shall conform to the National Electrical Code and Local Ordinances and Requirements.
3. All signal cable and feeder runs to be carried overhead on spanwire across roadways or in conduit under the roadways.
4. The operation and maintenance of the signal system shall be the responsibility of the Contractor.
5. All signal indications, clearances, and sequences shall be in accordance with the current M.U.T.C.D.
6. Temporary Signal Heads shall be 4-way Type A.
7. The spanwire signal heads shall be centered over the exit lanes.
8. The spanwire signal heads shall be included in the Bid Item "Traffic Signal Installation (Temporary)".
9. The Temporary Traffic Signals shall be switched on during on off-peak hour. When switching signals, flaggers will be required.
10. The terminal blocks shall be in a weatherproof enclosure.
11. All necessary signal head, controller, and pole relocations, whether specifically mentioned or not, shall be the Contractor's responsibility.
12. Traffic signal heads which are in place and not in use during a specific step shall be removed or covered with an opaque material.
13. Signal phasing and timing shall be set as indicated on the plans unless otherwise approved by the Engineer in charge of construction.
14. The signal shall have a signal controller capable of a standard eight phase operation, with green intervals able to be set from 0 to 255 seconds.
15. The traffic signal controller must be capable of storing a minimum of three separate phasing/timing plans, which can be selected on a time-of-day basis.
16. In case of signal malfunction, the Contractor must respond within one hour of notification.

TEMPORARY SIGNAL TIMING

TIME-OF-DAY	PHASE	SECONDS	COLOR
10:00 P.M.-6:00 A.M 29TH. STREET	2 & 6	20	GREEN
		4.0	YELLOW
		1.5	ALL RED
10:00 P.M.-6:00 A.M ROCK ROAD	4 & 8	20	GREEN
		4.0	YELLOW
		1.5	ALL RED
ALL OTHER TIMES 29TH. STREET	2 & 6	30	GREEN
		4.0	YELLOW
		1.5	ALL RED
ALL OTHER TIMES ROCK ROAD	4 & 8	60	GREEN
		4.0	YELLOW
		1.5	ALL RED



SIGNAL PHASING



SIGNAL FACE ARRANGEMENT

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

29TH. STREET NORTH TEMPORARY TRAFFIC SIGNAL PLAN

PROJ. NO. 87 N-0287-01 SEDGWICK CO.

MKEC ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	ASH	CHECKED BY:	GJA
DRAWN BY:	WNJ	DATE: Jan. 2003	SHEET 79A OF 107