

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	837	1122

**TEMPORARY SIGNAL GENERAL NOTES**

- CONTRACTOR IS TO PROVIDE AND MAINTAIN A TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTIONS KELLOGG AND MAIZE; AND KELLOGG AND TYLER DURING ALL CONSTRUCTION STAGES OF CONSTRUCTION. THE CONTRACTOR IS ALSO TO INSTALL AND MAINTAIN TEMPORARY SIGNAL SPAN WIRES AT THE INTERSECTION OF TYLER ROAD AND MCCORMICK. THE CONTRACTOR SHALL INSTALL AN INTERCONNECT CABLE BETWEEN THE TYLER ROAD INTERSECTIONS OF MCCORMICK AND KELLOGG.(SEE SHEET NO 819)
- ALL WIRING INSTALLED SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE AS WELL AS LOCAL ORDINANCES AND REQUIREMENTS.
- ALL SIGNAL CABLE AND FEEDER RUNS TO BE CARRIED OVERHEAD ON SPAN WIRE ACROSS ROADWAYS OR IN CONDUIT UNDER THE ROADWAYS.
- THE OPERATION AND MAINTENANCE OF THE SIGNAL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL SIGNAL INDICATIONS, CLEARANCES, AND SEQUENCES SHALL BE IN ACCORDANCE WITH THE CURRENT M.U.T.C.D.
- THE SIGNAL HEADS SHALL BE CENTERED OVER THE EXIT LANES, IF ANY. DURING STAGES WHEN EXISTING OR PROPOSED SIGNAL HEAD SUPPORTS CANNOT BE USED FOR TEMPORARY SUPPORTS, SIGNAL HEADS SHALL BE MOUNTED FROM SPAN WIRES OR TEMPORARY TRAFFIC SIGNAL POLES AS SHOWN ON THE PLANS. PROGRAMMED SIGNAL HEADS, WHERE SHOWN ON THE PLANS, SHALL NOT BE MOUNTED ON SPAN WIRES.
- THE TEMPORARY TRAFFIC SIGNAL ACTIVATION AND/OR REACTIVATION SHALL BE ACCOMPLISHED DURING AN OFF PEAK HOUR. DURING SIGNAL TURN ON, FLAGGERS WILL BE REQUIRED.
- TRAFFIC SIGNAL TURN ON SHALL BE COORDINATED WITH THE LOCAL LAW ENFORCEMENT.
- ALL NECESSARY SIGNAL HEADS, CONTROLLER, VIDEO DETECTION EQUIPMENT, AND POLE RELOCATIONS, WHETHER SPECIFICALLY MENTIONED OR NOT, SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- TRAFFIC SIGNAL HEADS WHICH ARE IN PLACE AND NOT IN USE DURING A SPECIFIC STAGE SHALL BE REMOVED, OR COVERED WITH AN OPAQUE MATERIAL.
- THE TEMPORARY SIGNAL CONTROLLER SHALL COMPLY WITH THE REQUIREMENTS DEFINED IN THE SPECIFICATIONS FOR A TYPE 170E CONTROLLER WITH 412B2 PROM MODULE AND A 400 MODEM. PERMANENT CONTROLLERS MAY BE USED FOR THE TEMPORARY SIGNAL.
- THE TEMPORARY SIGNAL CONTROLLER SHALL BE CAPABLE OF A STANDARD EIGHT PHASE OPERATION, WITH GREEN INTERVALS SETABLE FROM 0 TO 255 SECONDS.
- THE TEMPORARY 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.
- IN CASE OF SIGNAL MALFUNCTION, THE CONTRACTOR MUST RESPOND WITHIN ONE HOUR.
- SEE PERMANENT SIGNAL PLANS FOR DETAILS OF TRAFFIC SIGNAL POLES, SPAN WIRES, AND OTHER DETAILS.
- EXISTING TRAFFIC SIGNAL EQUIPMENT MAY BE USED FOR TEMPORARY SIGNALS DURING CONSTRUCTION. WHEN NO LONGER NEEDED, SALVAGED EQUIPMENT SHALL BE REMOVED AND DELIVERED TO THE CITY OF WICHITA. REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT INCLUDING POLES, FOOTINGS & MANHOLES SHALL BE INCLUDED IN THE PRICE BID FOR "REMOVAL OF EXISTING STRUCTURES".
- THE TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED IN THE BID ITEM "TRAFFIC SIGNAL INSTALLATION (TEMPORARY) - LUMP SUM". THIS BID ITEM SHALL INCLUDE ALL ITEMS NECESSARY FOR PROPERLY OPERATING SIGNALS DURING ALL STAGES OF CONSTRUCTION INCLUDING TIMING AND ANY REQUIRED RETIMING WHETHER SHOWN ON THE PLANS OR NOT.

**TEMPORARY SIGNAL TIMING PLANS**

THE SIGNAL PHASING AND TIMING SHALL BE AS DIRECTED AND APPROVED BY THE ENGINEER-IN-CHARGE OF CONSTRUCTION.

THE CONTRACTOR SHALL GIVE THE ENGINEER A THREE WEEK ADVANCED NOTICE OF ANY CHANGE IN CONSTRUCTION STAGES AFFECTING A CHANGE IN SIGNAL. AT THIS TIME, THE CONTRACTOR SHALL ARRANGE FOR A "BENCH" TESTING OF THE TRAFFIC SIGNAL CONTROLLER WITH TIME SETTINGS FURNISHED BY THE ENGINEER, PRIOR TO INSTALLATION IN THE FIELD, FOR EACH STAGE OF CONSTRUCTION. THE BENCH TEST SHALL BE PERFORMED BY THE TRAFFIC SIGNAL EQUIPMENT SUPPLIER AT A LOCAL FACILITY PROVIDED BY THE CONTRACTOR/SUPPLIER.

WHEN DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL RE-TIME THE TEMPORARY SIGNAL TO OPTIMIZE TRAFFIC EFFICIENCY THROUGH THE WORK ZONE.

**TRAFFIC CONTROL DURING CONSTRUCTION OF SHOO-FLY D**

THE CONSTRUCTION OF SHOO-FLY D, NEAR THE INTERSECTION OF MAIZE ROAD AND KELLOGG, SHALL BE DONE AFTER WESTBOUND TRAFFIC HAS BEEN SHIFTED TO FRONTAGE ROAD LEFT. EASTBOUND TRAFFIC SHALL REMAIN AS SHOWN FOR STAGE 1B WITH SIGNAL HEADS FOR PHASES 2, 4, 5, AND 8 ON SPAN WIRES. LOOP DETECTION FOR EASTBOUND KELLOGG SHALL REMAIN IN USE.

THE SIGNAL FOR THE WESTBOUND TRAFFIC SHALL BE AS SHOWN FOR STAGE 2A.

SIGNAL PHASING FOR THE ENTIRE INTERSECTION SHALL BE AS SHOWN FOR STAGE 2A.

**LEGEND**

- Traffic Signal Span Wire
- Traffic Signal Pole with Mast Arm
- Traffic Signal Head
- Traffic Signal Head with Backplate
- Traffic Signal Camera
- Camera Zone
- Signal Phase
- R10-6 (600x900) STOP HERE ON RED
- Temporary Pavement
- Work Area
- Permanent Traffic Signal which may be used for Temporary signal.
- Controller with pad
- Camera Number

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

DSNR: 1:500 SCALE: JGP OPER: JGP 9:31-06 LAST REV: 2-26-2002 9:31-06 LAST REV: 2-26-2002  
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No.		Revisions		By	Date
CITY OF WICHITA					
<b>TEMPORARY TRAFFIC SIGNAL GENERAL NOTES</b>					
SEDGWICK COUNTY					
<b>Professional Engineering Consultants, P.A.</b> 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003					
Designed by	RPG	Checked by	BER		
Drawn by	JSB	Date	Apr 11, 2002	Job No.	97362