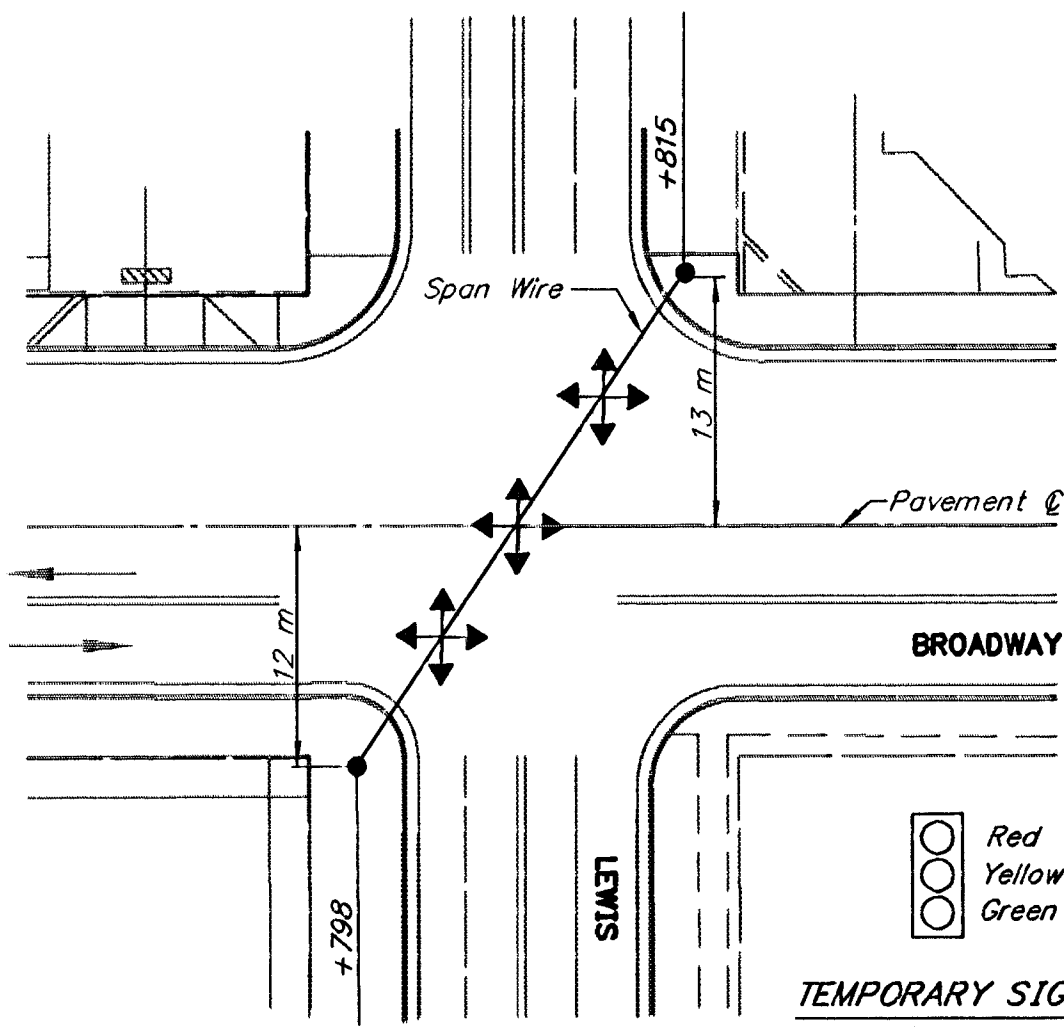


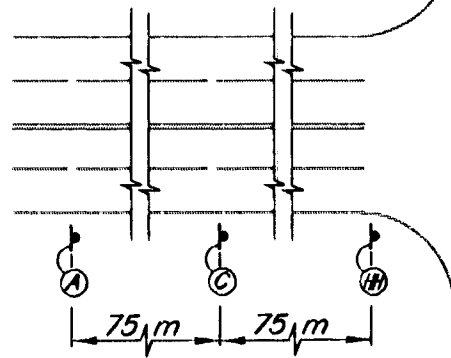
| FHWA<br>REGION<br>NO. | STATE  | PROJECT NO. | YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|--------|-------------|------|--------------|-----------------|
| 7                     | KANSAS | 87N-0061-01 | 1998 | 71           | 91              |

Plot-Time: 10:20 A.M. Last Plot-Date: 05/10/95 APP. CKD. KEM TR. DR. VLV DES. KEM PLOT CADD SURV.



TEMPORARY SIGNAL DETAIL  
INTERSECTION OF LEWIS AND BROADWAY  
(TYPICAL FOR ALL PHASES)

TEMPORARY SIGNAL INDICATIONS  
(TYPICAL FOR ALL PHASES  
AND FOR ALL HEADS)

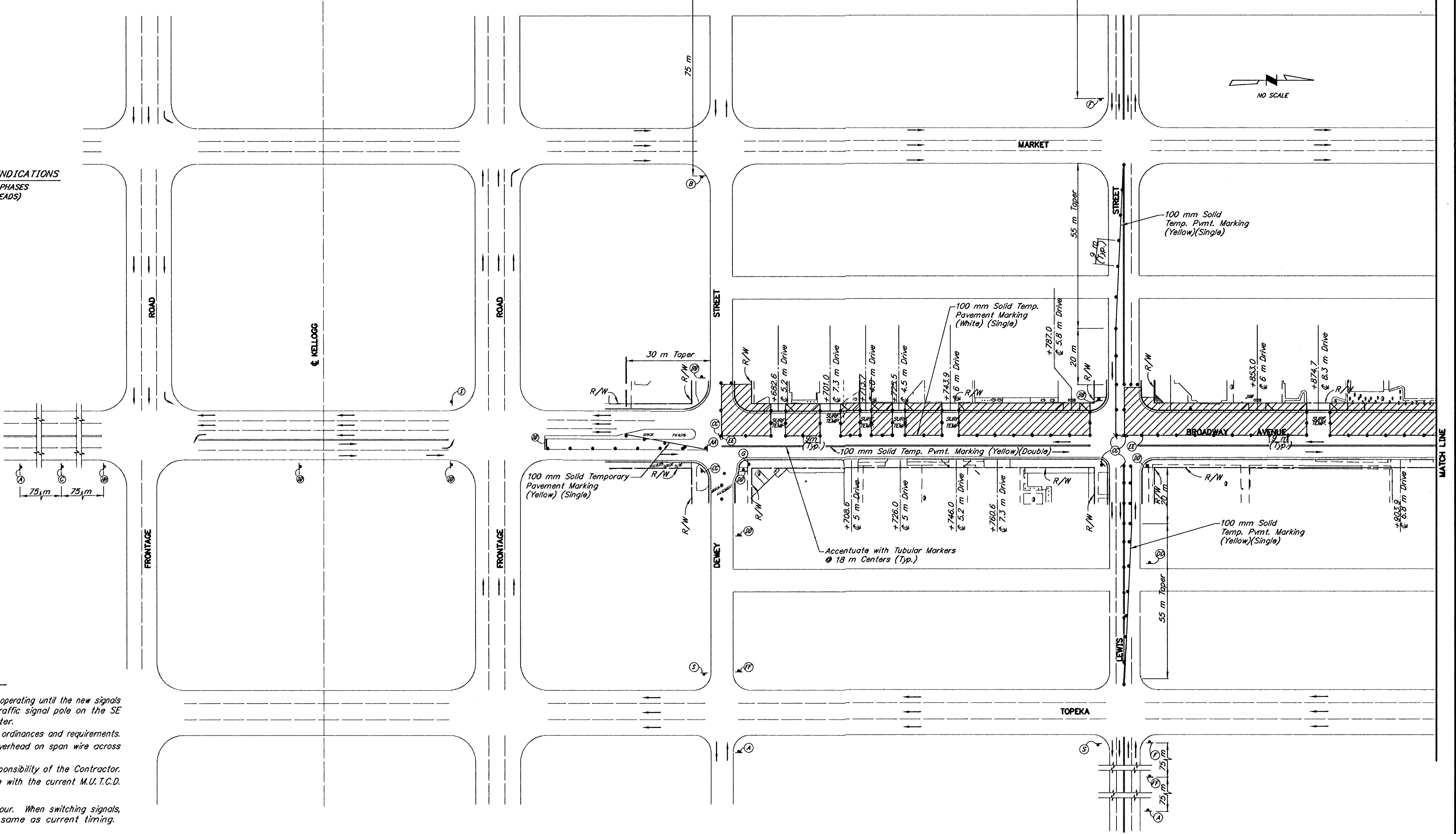


TEMPORARY SIGNAL GENERAL NOTES

- At the Contractor's option, the existing traffic signal system may be kept in operating until the new signals are ready for operation. The Contractor shall relocate the existing traffic signal pole on the SE corner to a minimum of 600 mm behind the new curb and gutter.
- All wiring installed shall conform to the National Electrical Code and local ordinances and requirements.
- All signal cable, communications cable and feeder runs to be carried overhead on span wire across roadways or in existing 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 span wire signal heads shall be centered over the exit lanes.
- The temporary traffic signals shall be switched on during an off-peak hour. When switching signals, flaggers will be required. Temporary Signal Timing shall be the same as current timing.
- The terminal blocks shall be in a weatherproof enclosure.
- All necessary signal head, controller 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 step shall be removed, or covered with an opaque material.
- Signal phasing and timing shall be set as directed and approved by the Engineer-in-Charge of construction.
- Each intersection shall have a signal controller capable of a standard eight phase operation, with green intervals setable from 0 to 255 seconds.
- 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.
- In case of signal malfunction, the Contractor must respond within one hour.

See Sheet 83 for typical installation detail.

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SCALE 1:200



LEGEND

- Construction
- Reflectorized Drums
- Sign
- Barricade

NOTE: At all intersections, shift Traffic Control to other quadrant upon completion of first quadrant. Use Sidewalk Closed signs as necessary at all intersections affected by construction. See Sheets 79 & 80 for identification of signs for handling traffic through construction. See Sheet 80 for summary of devices and recapitulation of quantities.

KANSAS DEPARTMENT OF TRANSPORTATION  
TRAFFIC CONTROL PLAN  
PHASE 1A