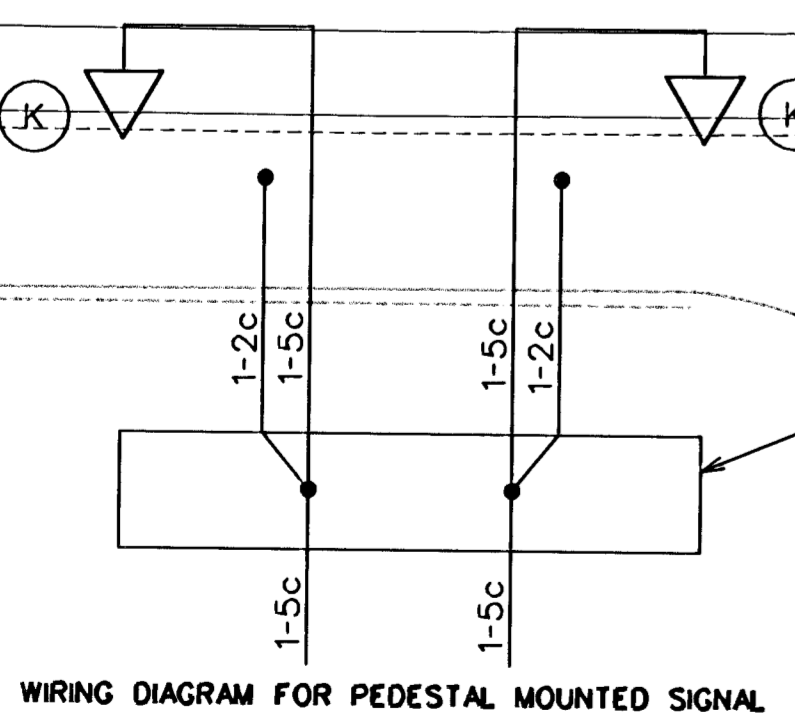


- LEGEND**
- METAL TRAFFIC SIGNAL POLE
 - ⊙ METAL TRAFFIC SIGNAL PEDESTAL
 - ⇨ PEDESTRIAN SIGNAL INDICATION
 - ⇨ TRAFFIC SIGNAL INDICATION
 - ⇨ TRAFFIC SIGNAL WITH BACKPLATE
 - (8m) ⇨ MAST ARM SUSPENDED TRAFFIC SIGNAL
 - ▣ 600mm SERVICE BOX
 - ⊙ 450mm SERVICE BOX
 - ⊙ JUNCTION BOX
 - CONDUIT (TRENCHED)
 - - - CONDUIT (BORED)
 - ⊞ CONTROLLER AND CABINET (POLE MOUNTED)
 - ⊞ EXISTING CONTROLLER AND CABINET
 - ⊞ SECONDARY SERVICE POINT
 - ⊞ DETECTOR NUMBER
 - ▭ VEHICLE DETECTOR LOOP
 - ⊞ LUMINAIRE
 - P.B. PEDESTRIAN PUSH BUTTON
 - ⊙ POLE NUMBER
 - ⇨ SIGN

- NOTES**
1. Contractor to install video detection system, including all necessary cameras, cables, brackets, and processor unit. Manufacturer's representative to be present to assist with identifying camera locations, system set up and programming. Timing and phasing information to be provided by the City. Cables to be installed in existing conduits. Contractor shall remove and reinstall existing cables if necessary to facilitate new cable installation (subsidiary).
 2. Contractor to install new service box on southwest corner of intersection at location shown. Extend existing conduits to new box location (all elbows shall be factory bends). Relocate pedestal pole to new foundation at location shown. Remove and reinstall existing cables. No cable splices will be permitted, replace any cables that do not provide sufficient length with similar cable and conductor size (subsidiary). Locate pedestal pole adjacent to sidewalk.
 3. Contractor shall be responsible for reconstructing sidewalks that are disturbed during construction.
 4. Service box and junction box and conduit run locations are approximate and may be adjusted to clear obstructions and facilitate wiring, as approved by the Engineer.
 5. Conduits shall be bored under existing pavement.
 6. Contractor shall use existing 76mm conduit for existing coax and video cable runs.
 7. Existing signal timings shall be used for video detection.
 8. Remove existing loop lead-in cables from conduit.
 9. Remove junction boxes no longer needed for detector loops.



Sta. 2+610.067, 26.734 M. Rt.
Relocate Existing Pedestrian Pole Signals, Push Buttons, and Signs. Connect To Existing System As Required.

Sta. 2+642.700, 1.5 M Rt.
Install Video Detection Camera On Mast Arm.

Sta. 2+606.600, 1.7 M Lt.
Install Video Detection Camera On Mast Arm.

Sta. 2+625.210, 17.1 M Lt.
Install Video Detection Camera On Mast Arm.

CITY OF WICHITA CENTRAL AVENUE IMPROVEMENTS SIGNAL IMPROVEMENTS AT THE INTERSECTION OF CENTRAL AVE. AND TYLER RD.			
WICHITA	KANSAS	DESIGNED	DRAWN
TRAN SYSTEMS CORPORATION	B.A.L.	M.P.M.	
244 North Third Street, 4th Floor Wichita, Kansas 67202	DEVELOPED	J.R.L.	DATE
	SCALE	1:100	SHEET NO. 53