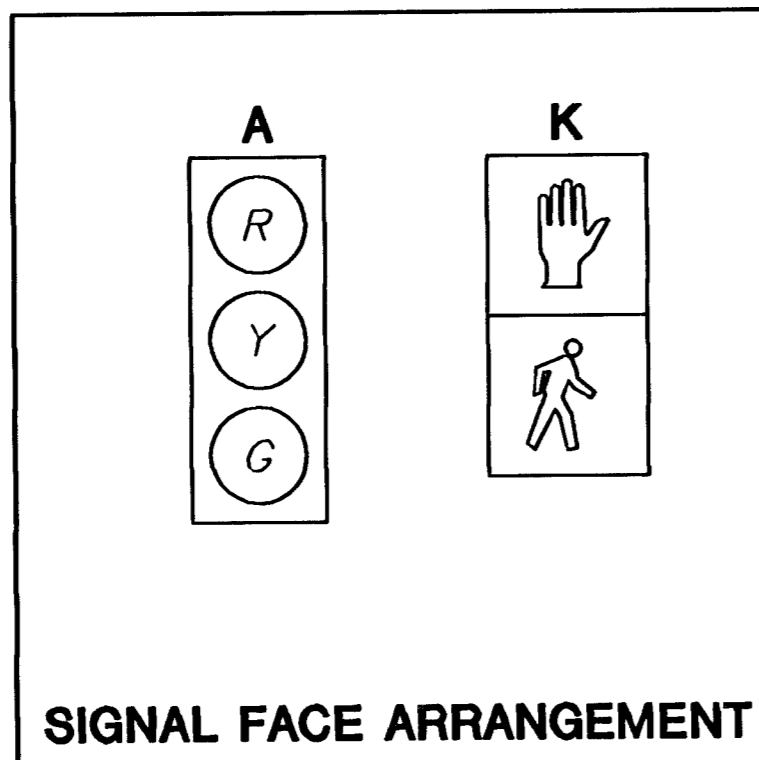


SIGNAL FACE SUMMARY				
STATION	OFFSET	TYPE HEAD	MOUNTING	QTY.
14+09.40	33' LT.	K,A	Side of Pole	1
14+09.40	11' LT.	A	Mast Arm	1
14+16.00	30.9' RT.	K, A	Side of Pole	1
14+16.00	11' RT.	A	Mast Arm	1

SIGNAL TIMING	
PROVIDE:	4 SECOND YELLOW
	2 SECOND ALL RED
	8 SECOND WALK
	20 SECOND FLASHING DON'T WALK
	30 SECOND GREEN

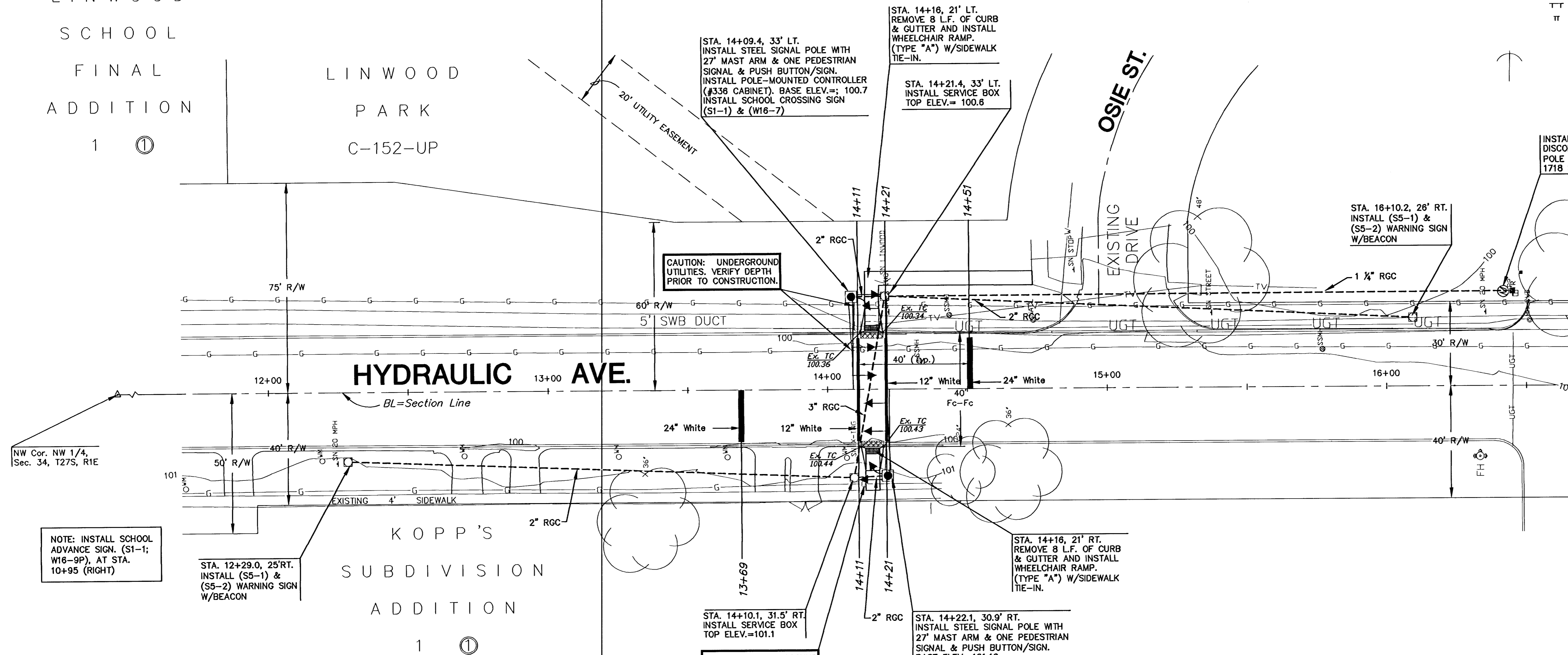


**LEGEND**

- Steel Traffic Signal Pole (Joint use)
- Steel Traffic Signal Pole (Std. Pole)
- ⊙ Pedestal Pole (15' Aluminum)
- ⊕ Traffic Signal Indication (Type A) w/Back Plate
- ⊖ Mast Arm Suspended Traffic Signal
- Video Detection Camera
- Service Box
- ⊠ Controller
- ▣ Pedestrian Indication
- ◁ Junction Box
- ▭ Vehicle Detection Zone
- ⑦ Detector Number
- Rigid Galvanized Conduit (RGC)
- PVC Conduit
- ⊗ Meter Box and Power Disconnect
- TT Overhead Street Name Sign
- π Overhead Sign R10-12 (Lt. Yield on Green)

LINWOOD  
SCHOOL  
FINAL  
ADDITION  
1 ①

LINWOOD  
PARK  
C-152-UP



**GENERAL NOTES**

- Conduit shall be jacked or bored if not installed before placing of new pavement.
- Placement of Service/Junction Boxes, Conduit Runs and Controller are typical and may be adjusted as directed by the Engineer to facilitate installation.
- The Contractor shall contact utility companies which may be affected by the installation of Traffic Signalization prior to any construction.
- Traffic control devices for work zones in compliance with the Manual on Uniform Traffic Control Devices shall be provided and maintained by the Contractor at all times during construction.
- One lane of through traffic each way shall be maintained on Woodlawn during construction of this project.
- See signal pole details for additional conduit requirements.
- Red L.E.D. Signal Heads: The red lens in each signal head shall be a self-contained, sealed unit designed to fit a regular 12-inch traffic signal housing. It shall incorporate a minimum of 186 high reliability, high intensity LED indicators. The lens shall provide a light beam spread of 30 degrees on all sides of its center axis which shall be designed to provide a 5 to 7 degree downward angle.  
  
The lens shall be made of UV stabilized plastic. The rear cover shall be of non-flammable material and the entire unit shall be totally sealed to preclude the entrance of water, dust or other contaminants.  
  
The self-contained, regulated power supply shall allow the unit to operate over an input voltage range between 89 and 135 volts A.C. and shall be configured in at least 3 parallel circuits for reliability. Light output shall be comparable to that provided by a standard, 12 inch traffic signal lens illuminated by a 150 watt incandescent lamp. The red wave length shall be 630 to 660 nm.  
  
The manufacturer shall warrant the unit against defects in workmanship and materials for a period of at least five years after date of shipment. This warranty shall be assigned to the maintenance agency.

**NOTE:**  
BASELINE IS PARALLEL WITH AND 158.00 FEET WEST OF THE WEST LINE OF LOT 1, BLOCK 1, LINWOOD SCHOOL FINAL ADDITION, SEDGWICK COUNTY, KANSAS.

G:\CIVIL\01160\DWG\CROSSWALK\LINWOOD\_PARK\LINWOODSG1



**HYDRAULIC AVE - LINWOOD ELEMENTARY**  
PROJECT NAME

**SIGNAL PLAN**  
SHEET TITLE

MKEC DESIGN BY:	DAC DRAWN BY:	JTC CHECKED BY:
JUNE 2004 DATE	LINWOODSG1 JOB NO.	3 / 9 SHEET/OF