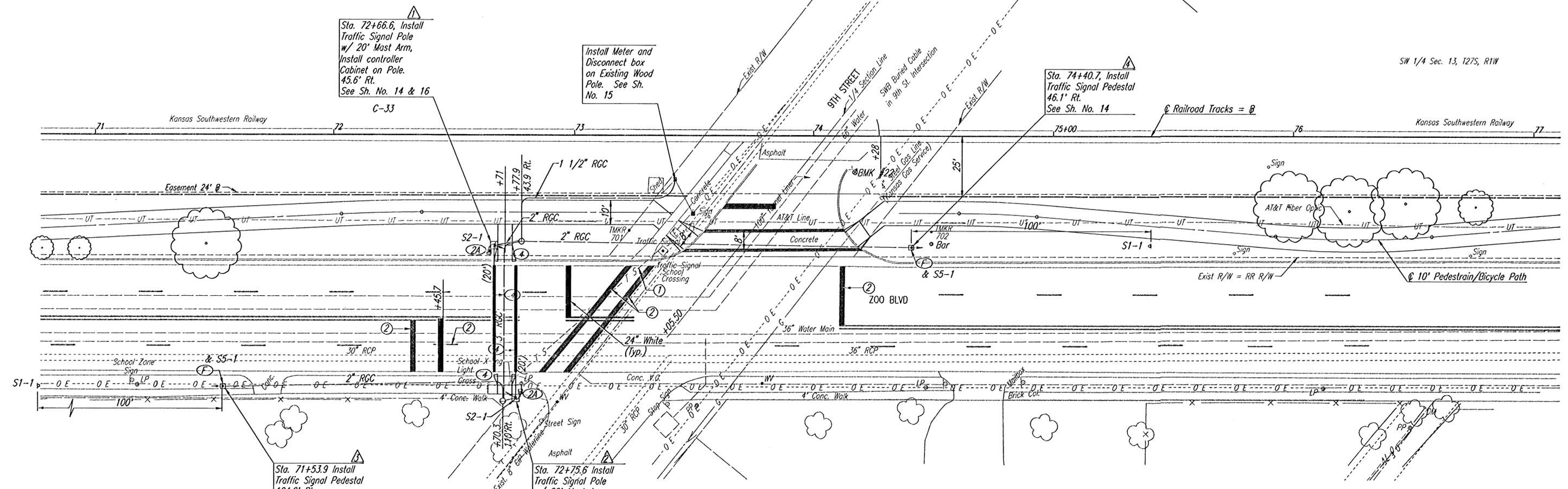


CONTROLLER DESCRIPTION

The Traffic Signal Controller shall comply with the requirements defined in the Specifications for a Type 170E Controller with Motorola 68HC11 processor chip, 412b prom module and a 400 modem. It shall be furnished and installed with a Model 336 cabinet, 2-type 242 isolator units, 2 switch packs, 2-type 204 flashers, 4 flash transfer relay, and a Model 210P conflict monitor MS or ECL. The Controller shall also be furnished with WAIKS Version 58 or latest version of software developed by WAPITI MICRO SYSTEMS.

SCALE: 1"=20'

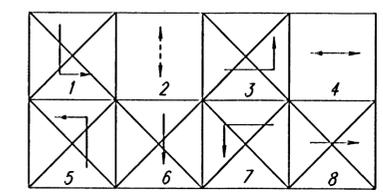


- #### LEGEND
- ☐ Traffic Signal Pole with Mast Arm
 - ▣ Traffic Signal Pedestal
 - Traffic Signal Head
 - ⊕ Traffic Signal Head with Backplate
 - ⤴ Pedestrian Signal Head
 - ⊞ Controller
 - ⊙ PRE-FAB Junction Box
 - Rigid Galvanized Conduit (RGC)
 - ② Signal Phase
 - △ Signal Pole Reference Number

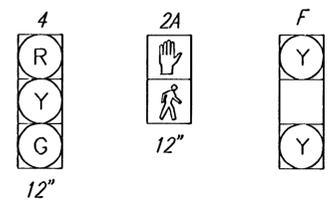
Sta. 71+53.9 Install Traffic Signal Pedestal 104.2' Rt. See Sh. No. 14

Sta. 72+75.6 Install Traffic Signal Pole w/ 20' Mast Arm, 108.8' Rt. See Sh. No. 14 & 16

Sta. 74+40.7, Install Traffic Signal Pedestal 46.1' Rt. See Sh. No. 14



PHASE DIAGRAM



NOTE: FLASHING BEACON SHALL BE CONTROLLED BY AN INTERVAL TIME, DAY-OF-WAY CLOCK. TIME SETTINGS TO BE FURNISHED BY CITY OF WICHITA. TOP AND BOTTOM HEADS SHALL FLASH ALTERNATELY.

- ① AT THE CONTRACTOR'S OPTION AND WITH THE APPROVAL OF THE ENGINEER THE EXISTING CONDUIT UNDER ZOO BLVD. PAVEMENT MAY BE CLEANED AND REUSED IN LIEU OF PROPOSED CONDUIT SHOWN.
- ② REMOVE EXISTING PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

DSNR: SAD OPER: SAD SCALE: 1"=20.00 C:\1996\96450\002\TRAFLAN 09-04-2002 09:53:08 am

ZOO BOULEVARD BIKE PATH
CENTRAL TO WESTDALE

TRAFFIC SIGNAL PLAN

ZOO BLVD. & 9TH STREET

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	BER	Checked by	
Drawn by	SAW	Date	DECEMBER 2001
		Job No.	96450-002