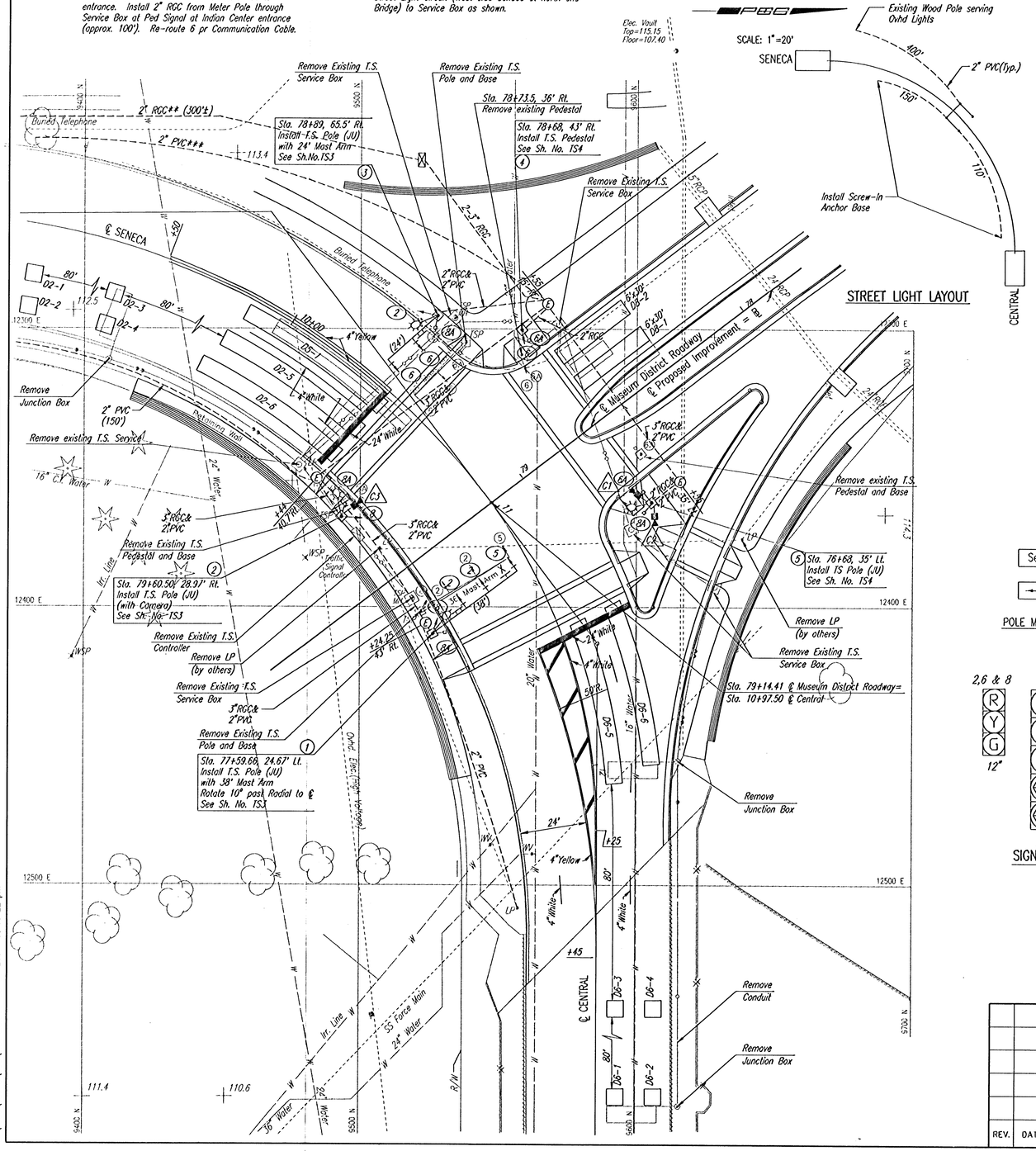
** Install Meter and Disconnect Box, on exist. KCE Pole west side of Seneca and south of Indian Center entrance. Install 2" RGC from Meter Pole through Service Box at Ped Signal at Indian Center entrance (approx. 100'). Re-route 6 pr Communication Cable.

*** Install 2" PVC from existing Pole serving Overhead Street Light Circuit (West side Seneca at north end Bridge) to Service Box as shown.



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, 412b2 prom module and a 400 modem. It shall be furnished and installed with a Model 332 cabinet, 2-type 242 isolator units, 1 video detection unit, 10 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 W4IKS Version 56A or latest version of software developed by WAPITI MICRO SYSTEMS.

NOTE: Permanent pavement marking on Central shall be accomplished with cold plastic pavement marking material as specified in KDOT Sec. 2204, 1990 Ed..

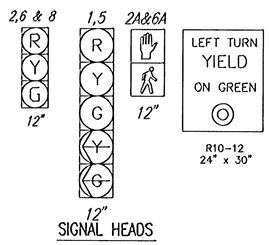
TYPE 170 CONTROLLER SETTINGS

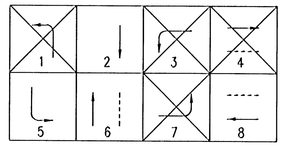
INTERVAL	PHASE 1	2	3	4	5	6	7	8	FEATURES F	1	2	3	4	5	6	7	8
MAX	—	80		—	30	80		30	VEH RECALL		X				X		
MAX 2	—	80		—	30	80		30	PED RECALL								
WALK	—	—		—	—	—		—	RED LOCK								
FLASH DW	—	—		—	—	8		8	YEL LOCK		X			X	X		X
MAX. INITTIAL	—	25		—	10.0	25		10.0	I PERMIT		X			X	X		X
MIN. GREEN	—	8		—	5.0	8		5.0	PED PHASES								
T B R	—	15		—	1.0	15		1.0	LEAD PHASES	X		X		X		X	
T T R	—	25		—	1.0	25		1.0	DBL ENTRY		X				X		
	—	—		—	—	—		—	SEQUENTIAL								
PASSAGE	—	4.0		—	1	4.0		1	START UP YELLOW								X
MIN. GAP	—	2.0		—	1	2.0		1	OVERLAP A								
ADDED ACTUATION	—	2.3		—	1	2.3		1	OVERLAP B								
YELLOW	—	3.0		—	3.0	3.0		3.0	OVERLAP C								
RED CLEAR	—	1.0		—	1.0	1.0		1.0	OVERLAP D								
RED REVERT	—	—		—	—	—		—	EXCLUSIVE								
WALK	—	—		—	—	—		—	SIM GAP								

Seneca —→ Pole 1

←— Central Pole 2

POLE MOUNTED STREET NAME SIGNS





PHASE DIAGRAM

LEGEND

- Junction Box (Existing)
- Service Box (Existing)
- Service Box (Proposed)
- Traffic Signal Pole with Mast Arm
- Traffic Signal Pedestal
- Traffic Signal Indication (Vehicular) with Back Plate
- Traffic Signal Indication (Pedestrian)
- (6) Movement Identification No.
- Traffic Signal Controller
- Detection Zone
- Proposed Conduit (RGC)
- Luminaire & Arm (By Others)
- R10-12
- Street Name Sign

PLAN SURVEYED BY DATE
NOTE BOOK PLOTTED
NO. ALIGNMENT CHECKED
RT. OF WAY CHECKED

DSNR: DEP OPER: DEP SCALE: 1=20.00
C:\1998\98773\000\TRAFSIGNAL 06-01-2001 03:10:22 pm

REV.	DATE	DESCRIPTION

HELLMUTH, OBATA & KASSEBAUM, INC.
DALLAS, TEXAS

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
WICHITA, KANSAS

BRAD J. GOLDBERG
DALLAS, TEXAS

MUSEUM DISTRICT ROADWAY AND PEDESTRIAN IMPROVEMENTS
WICHITA, KANSAS

TRAFFIC SIGNAL MODIFICATION CENTRAL/STACKMAN

PROJECT NO.	ISSUE DATE	SCALE	SHEET
		1"=20'	TS-1