

CAMERA NO.	DETECTION ZONE ①	MODE	SIZE (LxW)	PHASE CALLED	PHASE EXTENDED	DELAY/STRETCH TIMER	INITIAL SETTING (SEC.)
1	1-1	Pulse	1.8x1.8	1	1	Stretch	7.0
2	5-1	Pulse	1.8x1.8	5	5	Stretch	1.0
3	8-1	Presence	9.0x4.0	4	4	Delay	10.0
4	4-1	Presence	9.0x4.0	4	4	Delay	10.0

TRAFFIC CONTROLLER DESCRIPTION

The Traffic Signal Controller shall comply with the requirements defined in the Specifications for a Type 170E Controller with 412b prom module and a 400 modem. It shall be furnished and installed with a Model 336 cabinet, 2-type 242 isolator units, 1 video detection unit, 6 switch packs, 2-type 204 flashers, and a Model 210P conflict monitor MS or ECL. The Controller shall also be furnished with WAHKS Version 58 or latest version of software developed by WAPITI MICRO SYSTEMS.

All Signal System components shall comply with Part 700 of The City of Wichita Standard Specifications.

① Detection Zones shall be adjusted to avoid detecting Cross-Traffic

NOTE: FOR ACTUAL LOCATION OF TRAFFIC SIGNAL POLES AND MANHOLES, SEE LIGHTING PLANS.

Install Meter & Disconnect Box. Coordinate with KGE for Power Connection.

Sta. 14+793 Install Traffic Signal Pole (Joint Use) with 18.3 m Mast Arm, 21.0 m Lt. See Sh. No. 656, 665

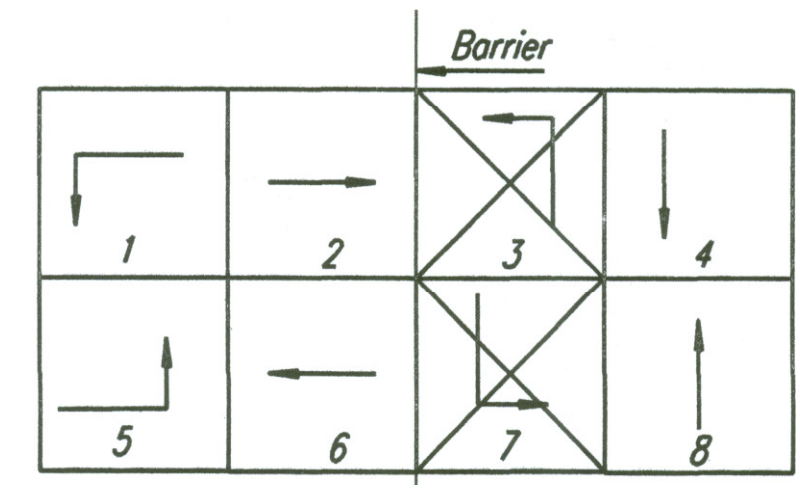
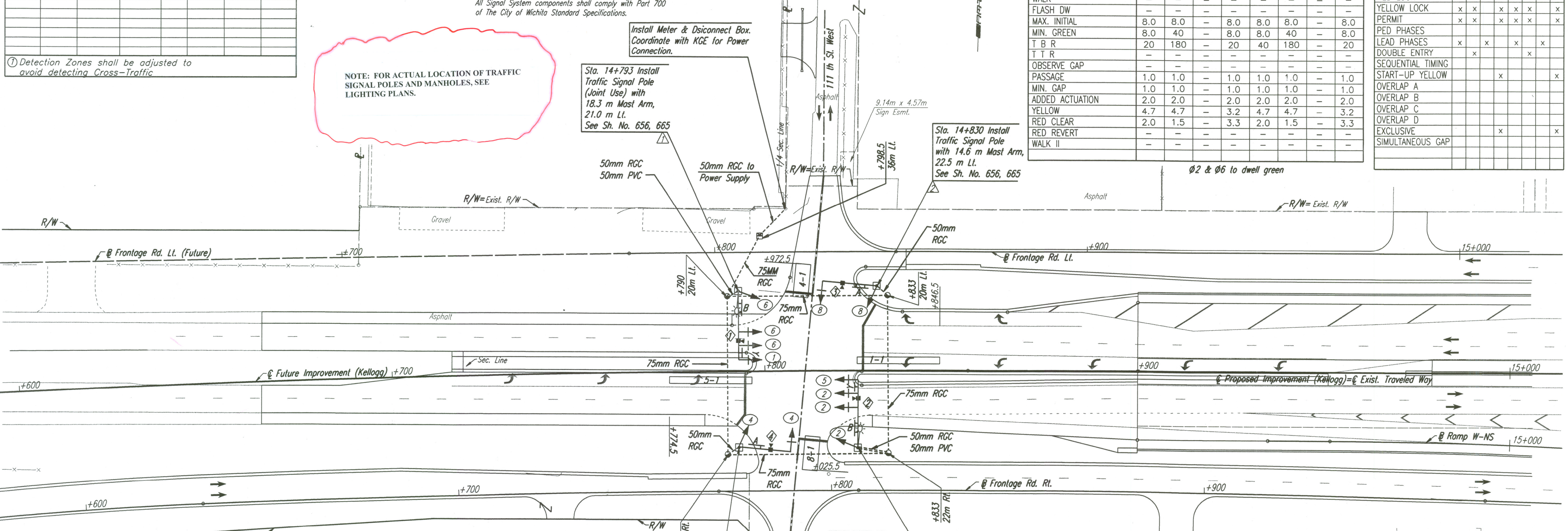
Sta. 14+830 Install Traffic Signal Pole with 14.6 m Mast Arm, 22.5 m Lt. See Sh. No. 656, 665

Sta. 14+793 Install Traffic Signal Pole with 14.0 m Mast Arm, 20.5 m Lt. See Sh. No. 656, 665

Sta. 14+825 Install Traffic Signal Pole (Joint Use) with 17.7 m Mast Arm, 20.5 m Rt. See Sh. No. 656, 665

	PHASE							
	1	2	3	4	5	6	7	8
MAX. I	20	180	-	20	30	180	-	20
MAX. II/HFDW	20	180	-	20	30	180	-	20
WALK	-	-	-	-	-	-	-	-
FLASH DW	-	-	-	-	-	-	-	-
MAX. INITIAL	8.0	8.0	-	8.0	8.0	8.0	-	8.0
MIN. GREEN	8.0	40	-	8.0	8.0	40	-	8.0
T B R	20	180	-	20	40	180	-	20
T T R	-	-	-	-	-	-	-	-
OBSERVE GAP	-	-	-	-	-	-	-	-
PASSAGE	1.0	1.0	-	1.0	1.0	1.0	-	1.0
MIN. GAP	1.0	1.0	-	1.0	1.0	1.0	-	1.0
ADDED ACTUATION	2.0	2.0	-	2.0	2.0	2.0	-	2.0
YELLOW	4.7	4.7	-	3.2	4.7	4.7	-	3.2
RED CLEAR	2.0	1.5	-	3.3	2.0	1.5	-	3.3
RED REVERT	-	-	-	-	-	-	-	-
WALK II	-	-	-	-	-	-	-	-

FUNCTION	PHASE							
	1	2	3	4	5	6	7	8
VEHICLE RECALL		x						x
PED RECALL								
RED LOCK								
YELLOW LOCK	x	x		x	x	x	x	x
PERMIT	x	x		x	x	x	x	x
PED PHASES								
LEAD PHASES	x		x		x		x	
DOUBLE ENTRY		x				x		
SEQUENTIAL TIMING								
START-UP YELLOW					x			x
OVERLAP A								
OVERLAP B								
OVERLAP C								
OVERLAP D								
EXCLUSIVE					x			x
SIMULTANEOUS GAP								



PHASE DIAGRAM

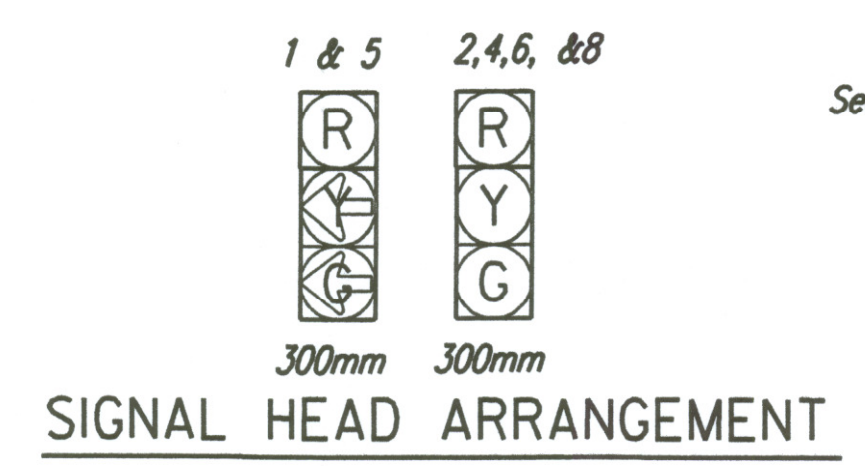
Note: Ø4 & Ø8 shall not run concurrently.

APPROVED SUBMITTALS:
 #57.1 - Traffic Signal Equipment,
 #57.2 - Misc. Traffic Signal Equipment (conduit, wire & boxes),
 #57.3 - Traffic Signal Poles.

STATION	DIST. - SIDE
15+790	22m RT.
15+790	20m LT.
15+833	22m RT.
15+833	20m LT.

ITEM	QUANTITY	UNIT
TRAFFIC SIGNAL INSTALLATION KELLOGG AND 111TH ST	LUMP SUM	LUMP SUM
TRAFFIC SIGNAL INSTALLATION KELLOGG AND MAIZE NORTH INTERSECTION	LUMP SUM	LUMP SUM
TRAFFIC SIGNAL INSTALLATION KELLOGG AND MAIZE SOUTH INTERSECTION	LUMP SUM	LUMP SUM
TRAFFIC SIGNAL INSTALLATION KELLOGG AND TYLER NORTH INTERSECTION	LUMP SUM	LUMP SUM
TRAFFIC SIGNAL INSTALLATION KELLOGG AND TYLER SOUTH INTERSECTION	LUMP SUM	LUMP SUM
TRAFFIC SIGNAL MODIFICATION TYLER AND MCCORMICK	LUMP SUM	LUMP SUM

- LEGEND**
- Traffic Signal Pole with Mast Arm
 - Traffic Signal Pedestal
 - Luminaire with Arm (See Lighting Plan)
 - Traffic Signal Head
 - Traffic Signal Head with Backplate
 - Pedestrian Signal Head
 - Controller with pad
 - Service Box
 - Traffic Signal Camera
 - 1-1 Camera Zone
 - 1-1 Camera Zone
 - R10-10 Sign
 - R10-12 Sign
 - Rigid Galvanized Conduit (RGC)
 - Signal Phase
 - Signal Pole Reference Number
 - Street Name Sign "Kellogg"
 - Camera Reference Number



See Signing Plans for additional information.

UTILITIES
See Plan Sheet for Utilities.

No.	Revisions	By	Date
CITY OF WICHITA			
TRAFFIC SIGNAL PLAN			
KELLOGG & 111TH ST. WEST			
SEDGWICK COUNTY			
Professional Engineering Consultants, P.A.			
303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	RPG	Checked by	BER
Drawn by	JSB	Date	April 2002
		Job No.	97362

OPER: JGP SCALE: 1:500
 1/1997/97362/SIGNALS/111TH.DGN 2-01-2002 11:56:50 LAST REV: 4-1-02 BY: drp
 DSNR: