

CAMERA NO.	DETECTION ZONE	MODE	SIZE (LxW)	PHASE CALLED	PHASE EXTENDED	DELAY/STRETCH TIMER	INITIAL SETTING (SEC.)
3	3-1	Presence	15x1.8	-	Overlap B		
3	3-2	Presence	15x1.8	-	Overlap B		
3	3-3	Presence	15x1.8	-	Overlap B		
4	8-1,2,3,4	Pulse	1.8x1.8	8	8	Stretch	1.0
4	8-5,6,7,8	Pulse	1.8x1.8	8	8	Stretch	1.0
4	8-9	Presence	18x1.8	8	8		
4	8-10	Presence	18x1.8	8	8		
4	8-11	Presence	18x1.8	8	8		
4	8-12	Presence	18x1.8	8	8		
6	2-1	Presence	15x1.8	2	2		
6	2-2	Presence	15x1.8	2	2		
6	2-3	Presence	15x1.8	2	2		
6	2-4,5,6	Pulse	1.8x1.8	2	2	Stretch	1.0
6	2-7,8,9	Pulse	1.8x1.8	2	2	Stretch	1.0

CAMERA NO.	DETECTION ZONE	MODE	SIZE (LxW)	PHASE CALLED	PHASE EXTENDED	DELAY/STRETCH TIMER	INITIAL SETTING (SEC.)
1	1-1	Presence	15x1.8	-	Overlap A		
1	1-2	Presence	15x1.8	-	Overlap A		
1	1-3	Presence	15x1.8	-	Overlap A		
1	1-4	Presence	15x1.8	-	Overlap A		
2	4-1,2,3	Pulse	1.8x1.8	4	4	Stretch	1.0
2	4-4,5,6	Pulse	1.8x1.8	4	4	Stretch	1.0
2	4-7	Presence	15x1.8	4	4		
2	4-8	Presence	15x1.8	4	4		
2	4-9	Presence	15x1.8	4	4		
5	6-1	Presence	18x1.8	6	6		
5	6-2	Presence	18x1.8	6	6		
5	6-3	Presence	18x1.8	6	6		
5	6-4,5,6	Pulse	1.8x1.8	6	6	Stretch	1.0
5	6-7,8,9	Pulse	1.8x1.8	6	6	Stretch	1.0

TRAFFIC CONTROLLER DESCRIPTION

The Traffic Signal Controller shall comply with the requirements defined in the Specifications for a Type 170E Controller with 412 prom module and a 400 modem. They shall be furnished and installed with a Model 332 cabinet, 2-type 242 isolator units, 1 video detection unit, 6 switch packs, 2-type 204 flashers, 3 flash transfer relay, and a Model 210P conflict monitor MS or ECL. The Controller shall also be furnished with WAIRS Version 58 or latest version of software developed by WAPITI MICRO SYSTEMS.

A street master shall be installed within the controller cabinet. It shall be a type 170 controller unit, running W70SM. It shall be capable of no less than 9 independent programs. Program and Time settings shall be furnished by the Owner.

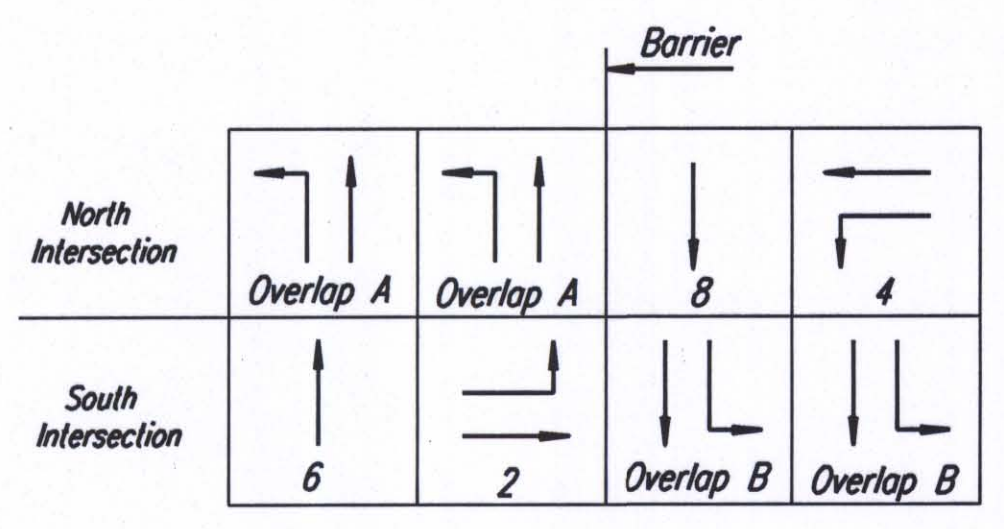
All Signal System components shall comply with Part 700 of The City of Wichita Standard Specifications.

PHASING & TIMING

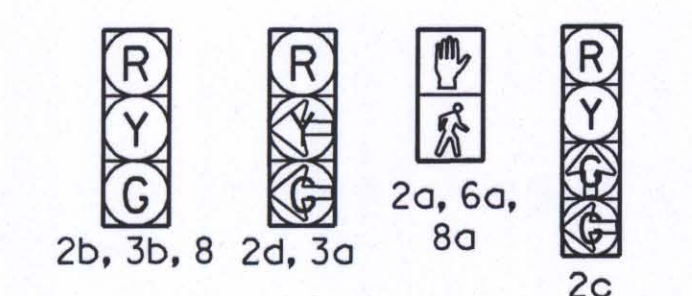
The Contractor shall arrange for a "Bench" test of the traffic signal system with phase timing programs furnished by the City Engineer. This testing shall be performed at a location in the City of Wichita and shall demonstrate the signal operation including the various phase timing plans provided by the City Engineer.

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

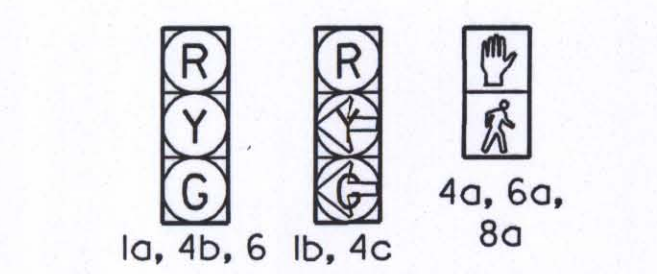
FUNCTION	PHASE							
	1	2	3	4	5	6	7	8
VEHICLE RECALL								x
PED RECALL								
RED LOCK								
YELLOW LOCK								
PERMIT		x		x		x		x
PED PHASES		x		x		x		x
LEAD PHASES	x		x		x		x	
DOUBLE ENTRY								
SEQUENTIAL TIMING								
START-UP YELLOW								
OVERLAP A		x			x			
OVERLAP B				x				x
OVERLAP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



PHASE DIAGRAM INTERSECTION



SIGNAL HEAD ARRANGMENT NORTH INTERSECTION

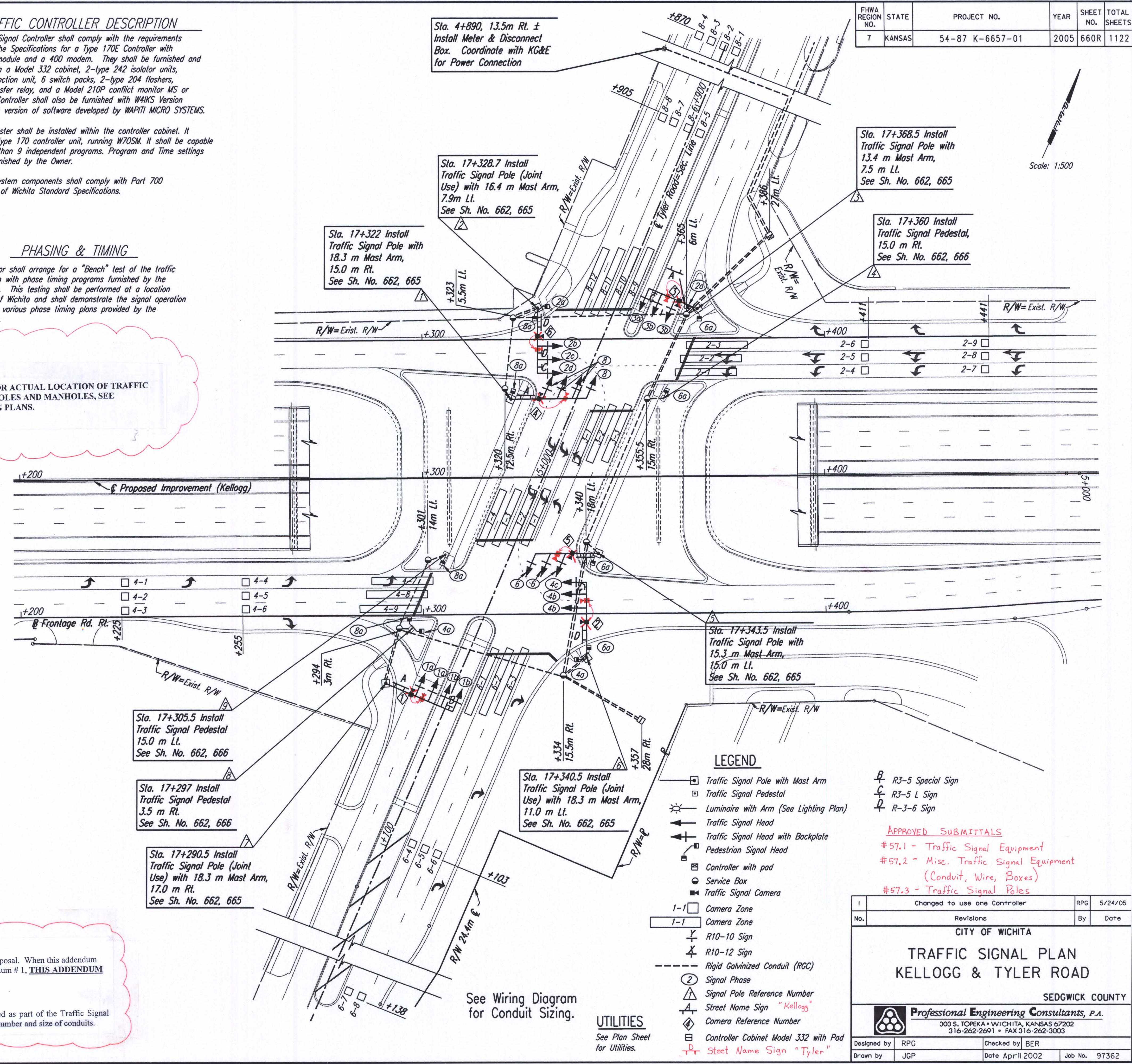


SIGNAL HEAD ARRANGMENT SOUTH INTERSECTION



ADDENDUM NO. 2:
The following changes and additions shall be made to the plans and proposal. When this addendum conflicts with the specifications, plans, or special provisions, or Addendum # 1, **THIS ADDENDUM SHALL GOVERN.**

- Sheet 660
- Add Note: Conduits for joint use light poles shall be included as part of the Traffic Signal Installation. Refer to the wiring diagram on Sheet No. 661 for number and size of conduits.



See Wiring Diagram for Conduit Sizing.

UTILITIES

See Plan Sheet for Utilities.

APPROVED SUBMITTALS
 #57.1 - Traffic Signal Equipment
 #57.2 - Misc. Traffic Signal Equipment (Conduit, Wire, Boxes)
 #57.3 - Traffic Signal Poles

Changed to use one Controller		RPG	5/24/05
No.	Revisions	By	Date
CITY OF WICHITA			
TRAFFIC SIGNAL PLAN			
KELLOGG & TYLER ROAD			
SEDGWICK COUNTY			
Professional Engineering Consultants, P.A.			
300 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	RPG	Checked by	BER
Drawn by	JGP	Date	Apr 11 2002
		Job No.	97362

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

DSNR: RPG OPER: JGP SCALE: 1:500
 L: 1/1997/97362/TYLERPL-revision.DGN 7-11-2001 11:08:31 LAST REV: 6-8-05 BY: SDM