

CAMERA NO.	DETECTION ZONE	MODE	SIZE (LxW)	PHASE CALLED	PHASE EXTENDED	DELAY/STRETCH TIMER	INITIAL SETTING (SEC.)
3	4-1	Presence	15x1.8	4	4		
3	4-2	Presence	15x1.8	4	4		
3	7-1	Presence	15x1.8	7	7		
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	Delay	6.0
6	6-1	Presence	15x1.8	6	6		
6	6-2	Presence	15x1.8	6	6		
6	6-3	Presence	15x1.8	6	6		
6	6-4,5,6	Pulse	1.8x1.8	6	6	Stretch	1.0
6	6-7,8,9	Pulse	1.8x1.8	6	6	Stretch	1.0

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

TRAFFIC CONTROLLER DESCRIPTION NORTH INTER.

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 336 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 WAHKS Version 58 or latest version of software developed by WAPI 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.

TRAFFIC CONTROLLER DESCRIPTION SOUTH INTER.

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 336 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 WAHKS Version 58 or latest version of software developed by WAPI MICRO SYSTEMS.

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

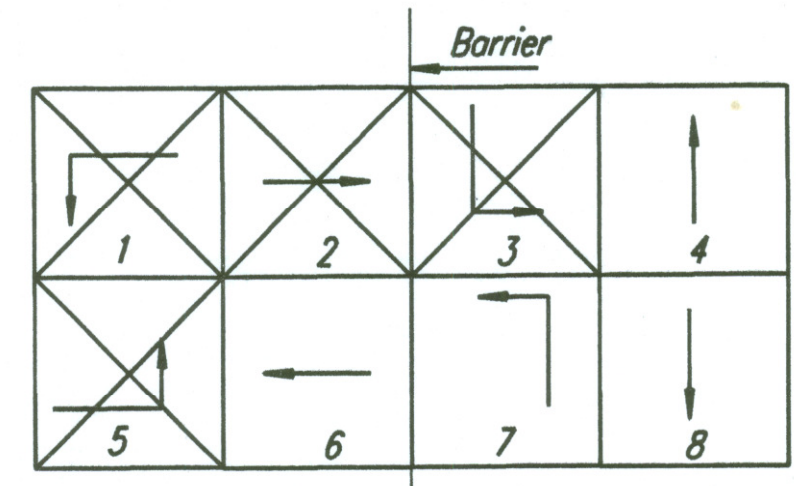
PHASING & TIMING

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.

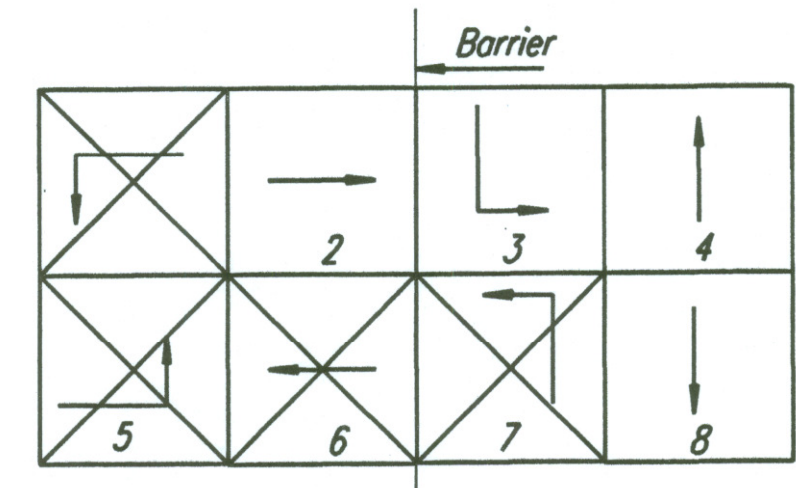
DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

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

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



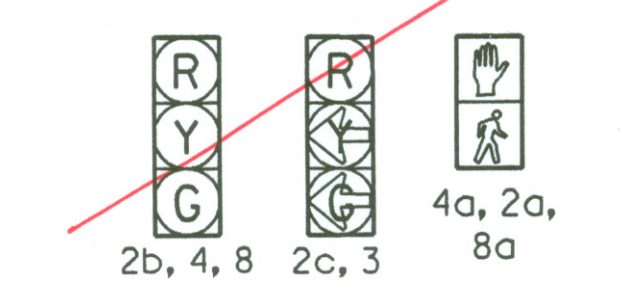
PHASE DIAGRAM NORTH INTERSECTION



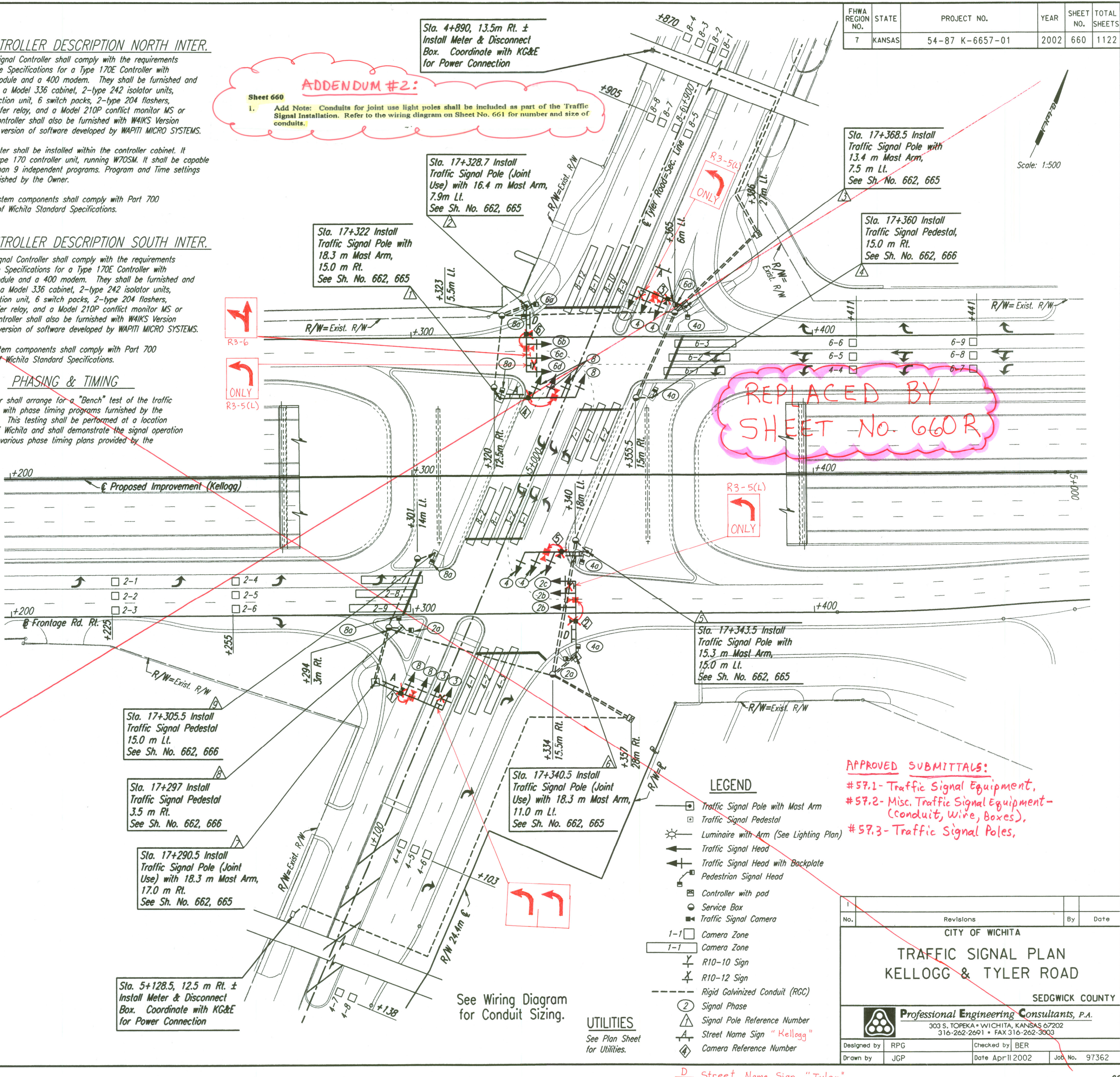
PHASE DIAGRAM SOUTH INTERSECTION



SIGNAL HEAD ARRANGMENT NORTH INTERSECTION



SIGNAL HEAD ARRANGMENT SOUTH INTERSECTION



DSNR: OPER: JGP SCALE: 1:500
 I:/1997/97362/SIGNALS/TYLERPL.DGN 7-11-2001 11:08:31 LAST REV: 4-1-02 BY: DRP

No.	Revisions	By	Date
CITY OF WICHITA			
TRAFFIC SIGNAL PLAN			
KELLOGG & TYLER ROAD			
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	JGP	Date	April 2002
		Job No.	97362