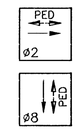
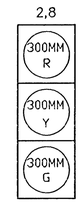
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0275-01	2002	3	18

TYPE 170 CONTROLLER SETTINGS

"WAPITI PROGRAM"										NORMAL DISPLAY									
INTERVAL		PHASE								TIME CLOCK		FEATURES							
		1 WBLT	2 EB	3 SBLT	4 NB	5 EBLT	6 WB	7 NBLT	8 SB	C		F	1	2	3	4	5	6	7	8
MAX	0	0	40	0	0	0	0	0	30	0	YEAR	VEH RECALL		X						X
MAX 2	1	0	40	0	0	0	0	0	30	1	MONTH	PED RECALL		X						X
WALK	2	0	19	0	0	0	0	0	7	2	DAY/MONTH	RED LOCK								
FL DW	3	0	12	0	0	0	0	0	12	3	DAY/WEEK	YEL LOCK								
MAX INIT.	4	0	31	0	0	0	0	0	19	4	HOUR	Ø PERMIT		X						X
MIN GREEN	5	0	30	0	0	0	0	0	18	5	MINUTE	PED PHASES		X						X
TBR	6	0	0	0	0	0	0	0	30	6	SECOND	LEAD PHASES	X		X		X		X	
TTR	7	0	0	0	0	0	0	0	30	7		DBL ENTRY								
	8									8		SEQUENTIAL								
PASSAGE	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9		START UP								
MIN GAP	a	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	a		OVERLAP A								
ADD ACT	b	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	b		OVERLAP B								
YELLOW	c	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	c		OVERLAP C								
RED CLR	d	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	d		OVERLAP D								
RED REV	e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	e		EXCLUSIVE								
WALK II	f	0	0	0	0	0	0	0	0	f		SIM GAP								



PHASE DIAGRAM



SIGNAL HEADS

Scale: 1:200

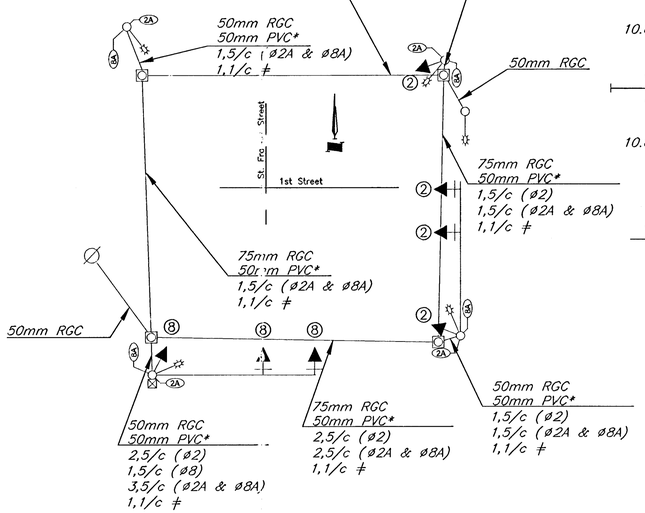
TRAFFIC SIGNAL POLE SUMMARY

POLE NO.	STATION	OFFSET/ SIDE	TYPE ①	ARM LENGTH	X1	X2	ARM BRACKET TYPE	ARM BRACKET NO.	POLE BRACKET TYPE	REMARKS
1	50+010.7	10.20m Lt.	D	–	–	–	–	–	II	② –
2	50+010.4	11.39m Rt.	D	–	–	–	–	–	III	② –
3	49+990.9	12.49m Rt.	C	11.0m	3.05m	–	I	2	III	②④
4	49+922.1	9.41m Lt.	C	13.0m	3.65m	–	I	2	III	②③④
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–

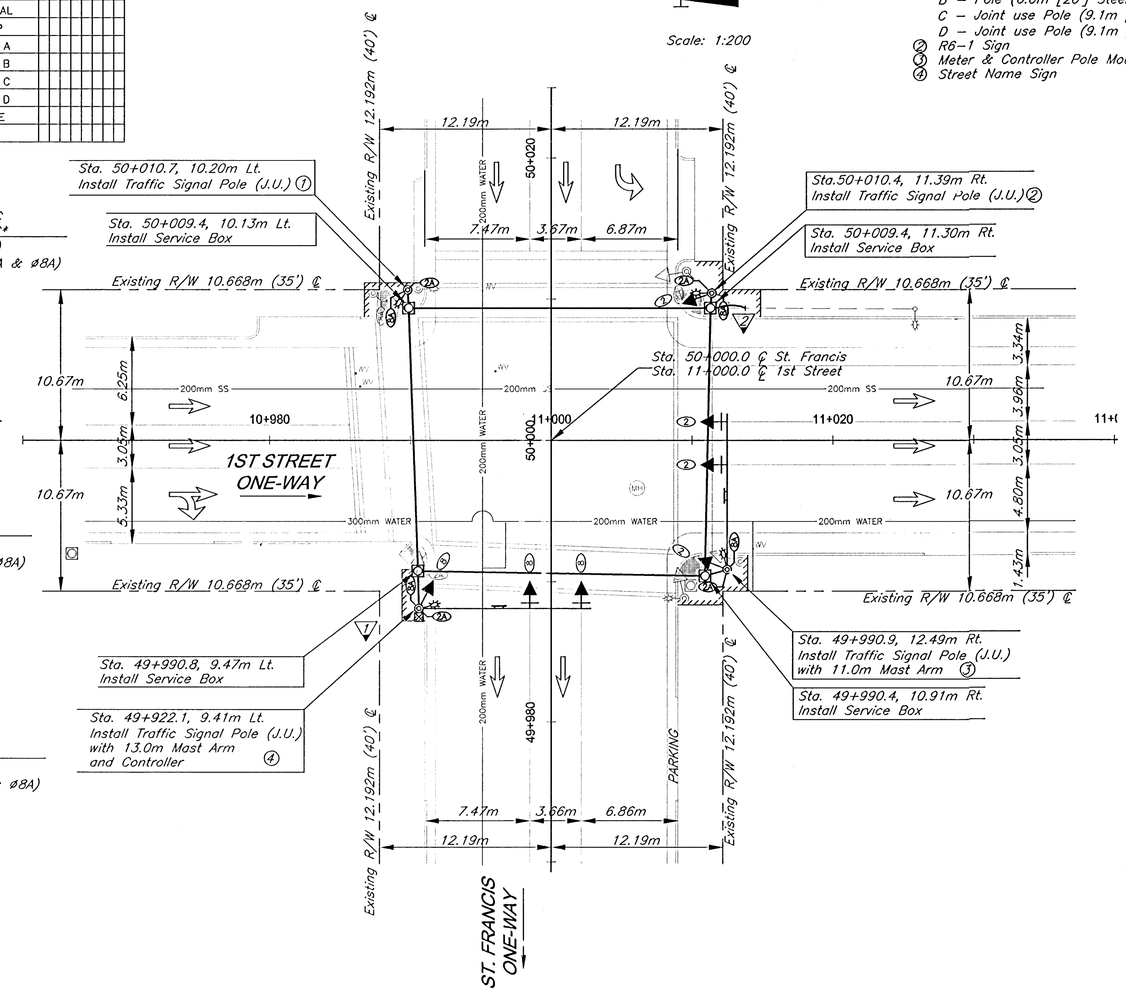
① A – Pedestal Pole (4.5m [15'] Aluminum)
B – Pole (6.0m [20'] Steel with Mast Arm)
C – Joint use Pole (9.1m [30'] Steel with Mast Arm)
D – Joint use Pole (9.1m [30'] Steel)
② R6-1 Sign
③ Meter & Controller Pole Mounted
④ Street Name Sign

LEGEND

Proposed	Existing	
		Traffic Signal Controller
		Signal Traffic Head
		Signal Traffic Head with Backplate
		Pedestrian Signal Head
		Traffic Signal Pole
		Luminaire
S2		Movement Number
X		Pole Number
		Street Name Sign
		Signal Service Box
		Westar Energy Manhole
		Westar Energy Wood Pole
		Westar Energy Metal Pole
		SWB Wood Pole
		City Metal Pole
FH	FH	Fire Hydrant
WV	WV	Water Valve
		Pavement & Walk Removal



≠ Denotes #8AWG Equipment Ground
* For Street Lights (Wiring to be installed by Westar Energy)



NOTES:
Existing underground (U/G), overhead (O.H.) utilities and drainage structures have been plotted from available information and therefore, their locations must be considered approximate only. It is the responsibility of the individual contractors to exactly locate each utility before actual construction.

Poles to be galvanized prior to black powder coating. Joint-use poles are to be drilled for credenza fixture.

Communication Cable shall be pulled back to exisitng Westar Energy manhole. Contractor to install underground splice and re-route communication cable through new service box to new controller.

UTILITIES

Power	KGE Electric
Telephone	Southwestern Bell Telephone Co.
Cable TV	Multimedia Cablevision
Water	City of Wichita
Sanitary Sewer	City of Wichita
Gas	Peoples Natural Gas
TeleCommunications	Wichita Public Schools

CONSTRUCTION NOTES:

1. Power currently supplied to existing service box. Contractor to extend conduit to proposed service box for hook-up.
2. Contractor shall remove existing street light cable and extend existing street light conduit to proposed service box.

METER ADDRESS:
159 N. St. Francis

NO.	DATE	REVISIONS	BY	APP'D
3	08/25/2002	PER CITY/ KDOT COMMENTS	RLC	SAC
2	05/22/2002	PER CITY/ KDOT COMMENTS	JDB	SAC
1	02/01/2002	PER CITY/ KDOT COMMENTS	JDB	SAC

CITY OF WICHITA, KANSAS
SEDGWICK COUNTY
TRAFFIC SIGNAL PLAN
ST. FRANCIS & 1ST ST. NORTH

PROJECT NO. 472-83419

GBA GEORGE BUTLER ASSOCIATES, INC.
Engineers · Architects

DESIGNED SAC	CHECKED SAC	PROJ. NO. 9674.00	
DRAWN JDB		DATE Dec. 10, 2001	

K:\GBA\Proj\472-83419.dwg Layout: St. Francis_Plan — Plotted by mmoss on Thursday July 18, 2002, 8:51am — Copyright 2002, George Butler Associates, Inc.