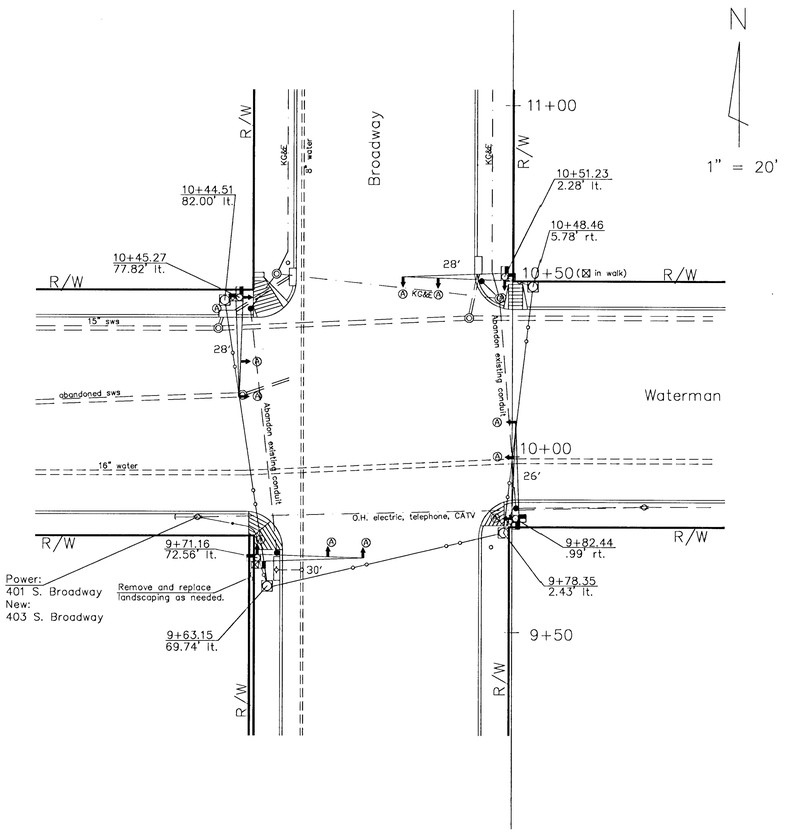
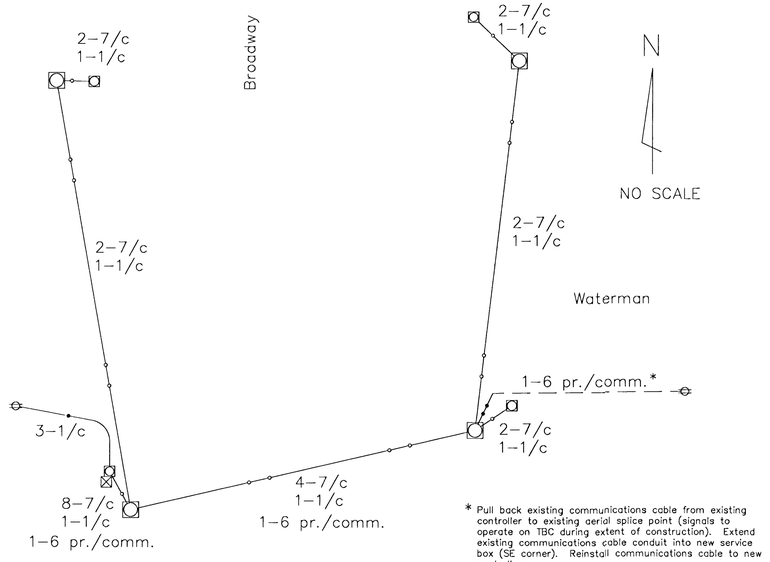
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0047-01 STP – N 004(701)	1994	2	21





* Pull back existing communications cable from existing controller to existing aerial splice point (signals to operate on TBC during extent of construction). Extend existing communications cable conduit into new service box (SE corner). Reinstall communications cable to new controller.

Wiring Diagram
(not to scale)

Signal pole final grade and top of service box to match existing grade.

Pole locations to be verified by Engineer prior to installation.

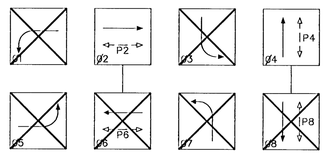
Baseline is east property line of Broadway from ⊠ in walk (10+50) at northeast corner of Broadway and Waterman to thimble at center line of English.

LEGEND

- Signal Pole
- Pedestrian Indicator
- Traffic Signal
- Controller
- New Service Box
- Existing Signal Pole
- Power Pole
- Manhole
- Street Light
- Fire Hydrant
- 1" conduit
- 1–1/4" conduit
- 2" conduit
- 3" conduit
- existing conduit

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		40		50					0	YEAR	VEH RECALL		X		X				
MAX 2	1		40		50					1	MONTH	PED RECALL		X		X				
WALK	2		5		13					2	DAY/MONTH	RED LOCK								
FL DW	3		11		12					3	DAY/WEEK	YEL LOCK								
MAX INIT.	4		16		25					4	HOUR	Ø PERMIT		X		X				
MIN GREEN	5		15		24					5	MINUTE	PED PHASES		X		X				
TBR	6									6	SECOND	LEAD PHASES	X		X		X			
TTR	7									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	3.0	0.0	0.0	0.0	0.0	c		OVERLAP C								
RED CLR	d	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	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								



Signal Phasing

Rev. 1-95 TM

Description	
Broadway & Waterman Traffic Signalization Plan and Wiring Diagram	
Scale: 1" = 20'	Drawn By: JL
Date: May '94	Revised:
City of Wichita Department of Public Works Engineering Division	
City Engineer Michael E. Lindebak	Drawing Number