

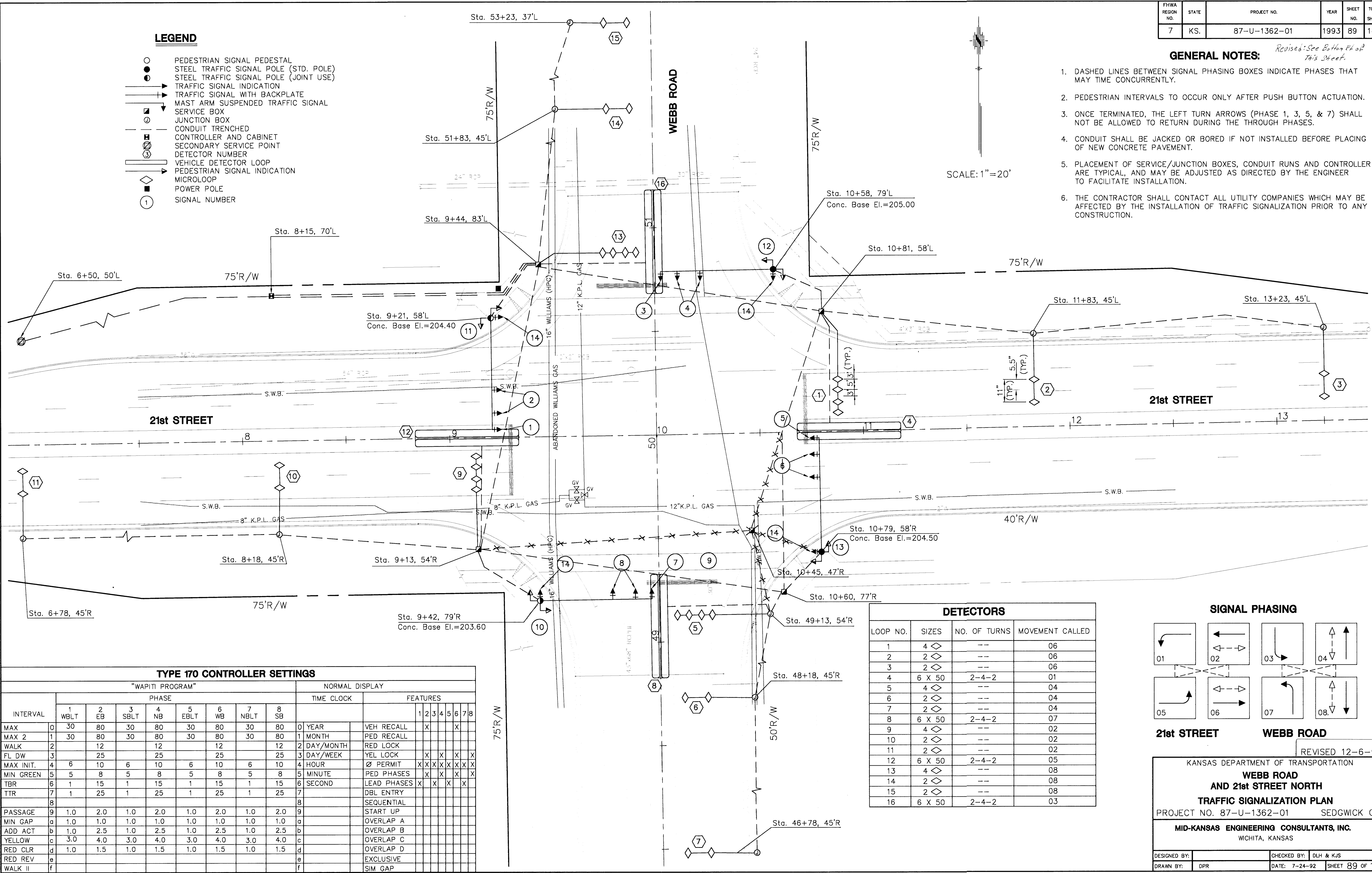
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KS.	87-U-1362-01	1993	89	149

GENERAL NOTES:

- DASHED LINES BETWEEN SIGNAL PHASING BOXES INDICATE PHASES THAT MAY TIME CONCURRENTLY.
- PEDESTRIAN INTERVALS TO OCCUR ONLY AFTER PUSH BUTTON ACTUATION.
- ONCE TERMINATED, THE LEFT TURN ARROWS (PHASE 1, 3, 5, & 7) SHALL NOT BE ALLOWED TO RETURN DURING THE THROUGH PHASES.
- CONDUIT SHALL BE JACKED OR BORED IF NOT INSTALLED BEFORE PLACING OF NEW CONCRETE PAVEMENT.
- PLACEMENT OF SERVICE/JUNCTION BOXES, CONDUIT RUNS AND CONTROLLER ARE TYPICAL, AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO FACILITATE INSTALLATION.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES WHICH MAY BE AFFECTED BY THE INSTALLATION OF TRAFFIC SIGNALIZATION PRIOR TO ANY CONSTRUCTION.

Revised: See Bottom of 2nd
This Sheet.

SCALE: 1"=20'



LEGEND

- PEDESTRIAN SIGNAL PEDESTAL
- STEEL TRAFFIC SIGNAL POLE (STD. POLE)
- STEEL TRAFFIC SIGNAL POLE (JOINT USE)
- TRAFFIC SIGNAL INDICATION
- TRAFFIC SIGNAL WITH BACKPLATE
- MAST ARM SUSPENDED TRAFFIC SIGNAL
- SERVICE BOX
- JUNCTION BOX
- CONDUIT TRENCHED
- CONTROLLER AND CABINET
- SECONDARY SERVICE POINT
- ③ DETECTOR NUMBER
- VEHICLE DETECTOR LOOP
- PEDESTRIAN SIGNAL INDICATION
- ◇ MICROLOOP
- ◇ POWER POLE
- ① SIGNAL NUMBER

21st STREET

WEBB ROAD

21st STREET

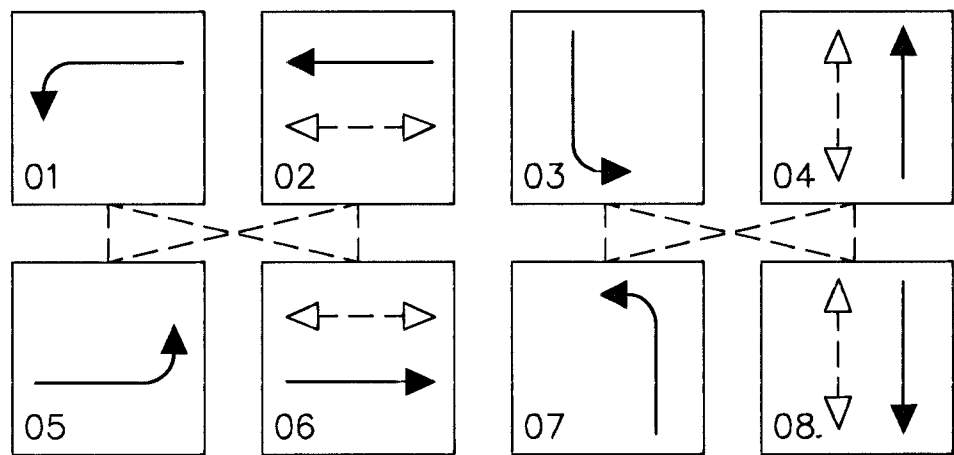
TYPE 170 CONTROLLER SETTINGS

"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			
MAX	0	30	80	30	80	30	80	30	80	0 YEAR	VEH RECALL
MAX 2	1	30	80	30	80	30	80	30	80	1 MONTH	PED RECALL
WALK	2		12		12		12		12	2 DAY/MONTH	RED LOCK
FL DW	3		25		25		25		25	3 DAY/WEEK	YEL LOCK
MAX INIT.	4	6	10	6	10	6	10	6	10	4 HOUR	Ø PERMIT
MIN GREEN	5	5	8	5	8	5	8	5	8	5 MINUTE	PED PHASES
TBR	6	1	15	1	15	1	15	1	15	6 SECOND	LEAD PHASES
TTR	7	1	25	1	25	1	25	1	25	7	DBL ENTRY
	8									8	SEQUENTIAL
PASSAGE	9	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	9	START UP
MIN GAP	a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	a	OVERLAP A
ADD ACT	b	1.0	2.5	1.0	2.5	1.0	2.5	1.0	2.5	b	OVERLAP B
YELLOW	c	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	c	OVERLAP C
RED CLR	d	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	d	OVERLAP D
RED REV	e									e	EXCLUSIVE
WALK II	f									f	SIM GAP

DETECTORS

LOOP NO.	SIZES	NO. OF TURNS	MOVEMENT CALLED
1	4 ◇	--	06
2	2 ◇	--	06
3	2 ◇	--	06
4	6 X 50	2-4-2	01
5	4 ◇	--	04
6	2 ◇	--	04
7	2 ◇	--	04
8	6 X 50	2-4-2	07
9	4 ◇	--	02
10	2 ◇	--	02
11	2 ◇	--	02
12	6 X 50	2-4-2	05
13	4 ◇	--	08
14	2 ◇	--	08
15	2 ◇	--	08
16	6 X 50	2-4-2	03

SIGNAL PHASING



21st STREET

WEBB ROAD

REVISED 12-6-93

KANSAS DEPARTMENT OF TRANSPORTATION

WEBB ROAD AND 21st STREET NORTH

TRAFFIC SIGNALIZATION PLAN

PROJECT NO. 87-U-1362-01 SEDGWICK CO.

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	CHECKED BY: DLH & KJS
DRAWN BY: DPR	DATE: 7-24-92 SHEET 89 OF 149