

SIGNAL PHASING

Ring Configuration: 1, 2, 3, 4, 5, 6, 7, 8

1 NOT USED, 2, 3 NOT USED, 4 NOT USED, 5 NOT USED, 6, 7 NOT USED, 8

SIGNAL SEQUENCE

RING 1	PHASE 1	PHASE 2	PHASE 3	PHASE 4	FLASH
SIGNAL ID NUMBER	R/W	OTH	R/W	OTH	R/W
22,23		G	Y		Y

RING 2	PHASE 5	PHASE 6	PHASE 7	PHASE 8	FLASH
SIGNAL ID NUMBER	R/W	OTH	R/W	OTH	R/W
61,62,63,64		▲	Y		Y
81,83				G	Y
82				Y	R

OVERLAP PHASE

OL-A/-/+	OL-B/-/+	OL-C/-/+	OL-D/-/+	FLASH

RED ARROW < YELLOW ARROW
GREEN ARROW * FLASHING YELLOW ARROW

TURNING MOVEMENT COUNT

Phase	1	2	3	4	5	6	7	8
% Grade		-2.9%				3.0%		1.6%
Distance		35				80		100
Approach Speed (mph)		55				55		20
Yellow		5.5				4.9		3.0
All Red		1.0				1.0		3.3
Total Clearance		6.5				5.9		6.3

SIGN ID

A R4-7 24" x 30", B R5-1 30" x 30", C R5-1a 36" x 24", D R3-2 24" x 24", E R3-1 24" x 24", F R6-1L 48" x 18", G R6-1R 48" x 18", H R3-18 24" x 24", M R3-7L 24" x 24", N W13-1 24" x 24", P R3-7R 24" x 24", Brookshire BLVD 9400, Brookshire BLVD 9500

CLEARANCE INTERVALS

Phase	1	2	3	4	5	6	7	8
% Grade		-2.9%				3.0%		1.6%
Distance		35				80		100
Approach Speed (mph)		55				55		20
Yellow		5.5				4.9		3.0
All Red		1.0				1.0		3.3
Total Clearance		6.5				5.9		6.3

SIGNAL HEAD ID

MALFUNCTION MANAGEMENT UNIT / CONFLICT MONITOR

DETECTOR RACK SETUP

PROGRAMMING DETAIL

(program card and tables as shown)

FIELD CHECK ENABLE DUAL IND ENABLE RED FAIL ENABLE

CHANNEL NUMBER	ENABLE/DISABLE
1	DISABLE
2	ENABLE
3	DISABLE
4	DISABLE
5	DISABLE
6	ENABLE
7	DISABLE
8	ENABLE
9	DISABLE
10	DISABLE
11	DISABLE
12	DISABLE
13	DISABLE
14	DISABLE
15	DISABLE
16	DISABLE

CAUTION!

Set intersection to Flash before attempting to enter or change any MMU programming data. This programming and that of the MMU programming card must match exactly. If they do not, the intersection will be placed into Flash.

MMU PROGRAM [MANUAL]

CH	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

END PROGRAMMING

INSERT DETECTOR CARDS IN RACK ACCORDING TO THE DETAIL SHOWN BELOW. PARTICULAR DETECTOR CHANNELS WILL CALL PHASES INDICATED.

DET BIU #1	DETECTION	CH3 L7 NOT USED	CH1 L5 ∅ 8	COMMUNICATIONS	SLOT	SLOT	SLOT	SLOT	DET BIU #2
		CH4 L8 NOT USED	CH2 L6 ∅ 8		EMPTY	EMPTY	EMPTY	EMPTY	

DETECTOR INFORMATION

DETECTOR NUMBER	AMP. NO.	SIZE / ZONE	∅	AMP. TYPE	DELAY DISABLE	COMMENTS:
V21,V22	1	AD-130'	2	N		(THRU) (CAMERA #1)
V23,V24	2	AD-280'	2	N		(THRU) (CAMERA #1)
V61,V62,V63,V64	3	AD-130'	6	N		(THRU) (CAMERA #2)
V65,V66,V67,V68	4	AD-280'	6	N		(THRU) (CAMERA #2)
81	5	6'x25'	8	N		STOPBAR
82	5	6'x25'	8	N		STOPBAR

NOTE: ALL STOPBAR LOOPS EXTEND 5' BEYOND THE STOPBAR UNLESS OTHERWISE NOTED. ALL LOOPS RECEIVE THREE TURNS.

PROJECT REFERENCE NO. **I-5973**

SHEET NO. **SIG. 2.4**

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NO.	DATE	BY	REVISION DESCRIPTION

DocuSigned by: *J.P. 2/16/2022*
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00895 SIGNAL NO. 10-1846 PREPARED BY SLP DATE 9/2021

BROOKSHIRE BLVD. @ I-485 OUTER RAMP

TEMPORARY 2 SIGNAL DETAILS

SHEET **SIG2.4** OF **SIG2.8**