

**LAKE COUNTY
LAK-283/640-0.23/0.00**

TRAFF-PRO ENGINEERING CONSULTANTS
ARTERIAL PROGRESSION DESIGN

LAKESHORE-VINE AM PEAK

ROUTE: LAKESHORE BLVD-VINE ST W-E

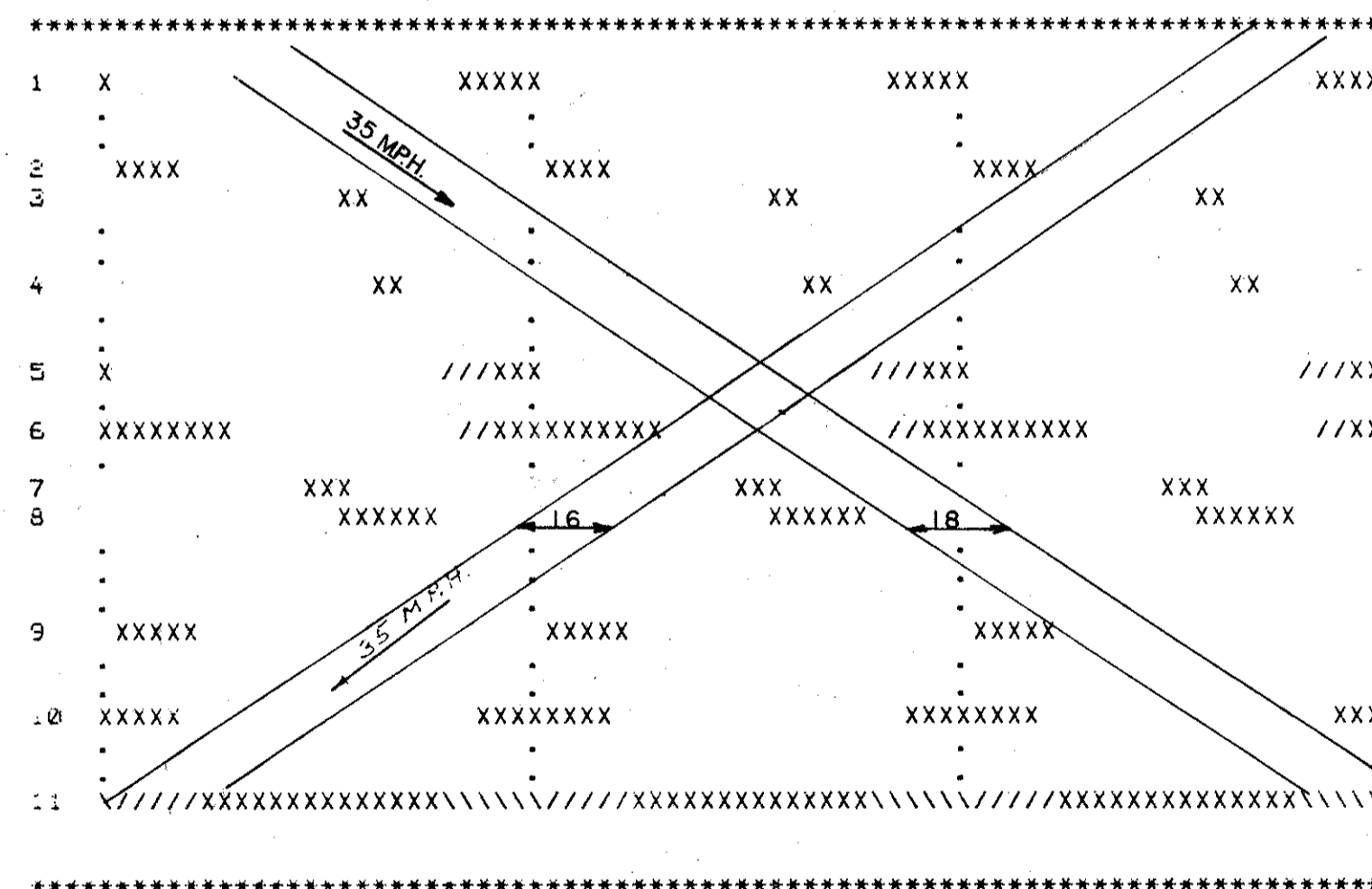
INTERSECTIONS: 11 CYCLE LENGTH: 80 SYSTEM OFFSET: 0
BANDWIDTH LEFT: 16 RIGHT: 18 PERFORMANCE INDEX: 44
EFFICIENCY: 21 ATTAINABILITY: 112 INTERFERENCE: 15

NO.	TIME-LOCATION DIAGRAM		DISTANCE		SPEED	
	RIGHTBOUND	READ DOWN	LEFT	RIGHT	LEFT	RIGHT
1	XX		XXXXXX	1086	0	35 35
2			XXXXXX	318	1086	35 35
3	XXXX	XXXX	XXXXXX	1212	318	35 35
4	XXXX		XXXXXX	1235	1212	35 35
5	XXXX		XXXXXX	793	1235	35 35
6	XXXXXXXXXX		XXXXXXXXXXXX	889	793	35 35
7	XXXX		XXXXXX	565	889	35 35
8	XXXXXXXXXXXX		XXXXXX	1750	565	35 35
9	XXXXXXXXXX		XXXXXX	1210	1750	35 35
10			XXXXXXXXXXXX	919	1210	35 35
11	XXXXXXXXXXXX		XXXXXXXXXXXX	0	919	35 35

NO. OFFSET (PERCENT)	TIME-LOCATION DIAGRAM		PHASE SPLITS (%)								
	LEFTBOUND	READ UP	1	2	3	4	5	6	7	8	
1	4		XXXXXXXX								81 19
2	20	X		XXXXX							82 18
3	62		XXXX								91 9
4	72			XXXX							91 9
5	3		XXXX								77 12 11
6	32	X		XXXXXXXXXXXX							50 10 40
7	59		XXXX								89 11
8	80			XXXXXXXXXX							76 24
9	25		XXXXXXXX								79 21
10	19			XXXXXXXXXXXX							69 31
11	22	X	XXXXXXXXXXXXXXXXXXXXXXXXXXXX								27 30 23 20

TIME SPACE DIAGRAM
ROUTE: LAKESHORE BLVD-VINE ST W-E

COMMENT: LAKESHORE-VINE AM PEAK
CYCLE LENGTH 80 SECONDS: SCALE 1INCH=40% OF CYCLE: 1 LINE= 400 FT



TRAFF-PRO ENGINEERING CONSULTANTS
ARTERIAL PROGRESSION DESIGN

LAKESHORE-VINE NORMAL MODE

ROUTE: LAKESHORE BLVD-VINE ST W-E

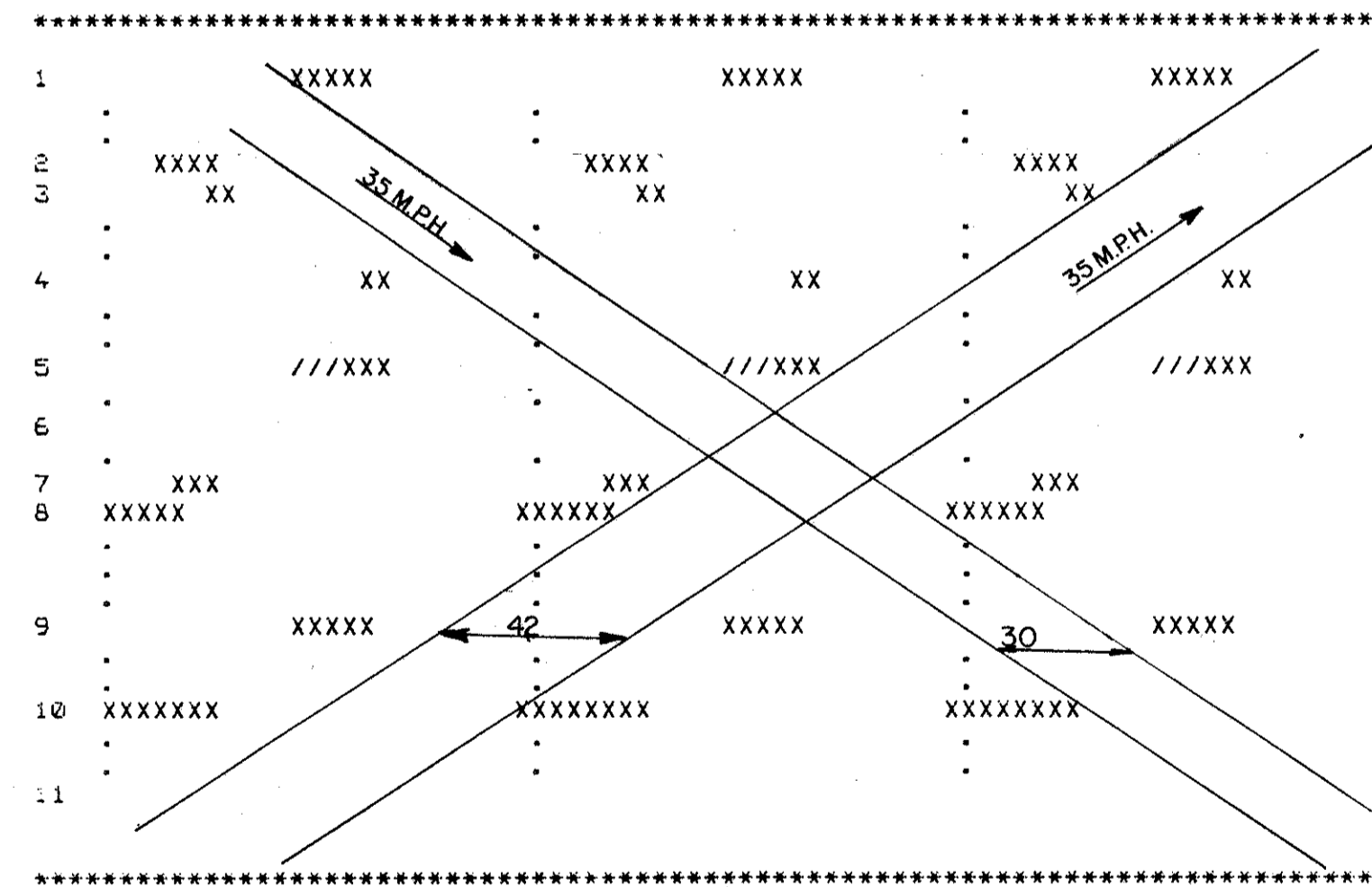
INTERSECTIONS: 11 CYCLE LENGTH: 80 SYSTEM OFFSET: 0
BANDWIDTH LEFT: 42 RIGHT: 30 PERFORMANCE INDEX: 59
EFFICIENCY: 45 ATTAINABILITY: 66 INTERFERENCE: 10

NO.	TIME-LOCATION DIAGRAM		DISTANCE		SPEED	
	RIGHTBOUND	READ DOWN	LEFT	RIGHT	LEFT	RIGHT
1			XXXXXXXX	1086	0	35 35
2	X		XXXXXX	318	1086	35 35
3			XXXX	1212	318	35 35
4	X		XXX	1235	1212	35 35
5			XXXXXXXXXX	793	1235	35 35
6			XXXX	889	793	35 35
7			XXXX	565	889	35 35
8			XXXXXXXXXX	1750	565	35 35
9			XXXXXXXXXX	1210	1750	35 35
10	XXX		XXXXXXXXXX	919	1210	35 35
11				0	919	35 35

NO. OFFSET (PERCENT)	TIME-LOCATION DIAGRAM		PHASE SPLITS (%)								
	LEFTBOUND	READ UP	1	2	3	4	5	6	7	8	
1	64		XXXXXXXX								81 19
2	28		XXXX								82 18
3	32		XXXX								91 9
4	66			XXXX							91 9
5	69		XXXX								77 12 11
6	68			XXXX							100
7	27		XXXX								89 11
8	18		XXXXXXXXXX								76 24
9	63		XXXX								79 21
10	27		XX								69 31
11	68			XXXX							100

TIME SPACE DIAGRAM
ROUTE: LAKESHORE BLVD-VINE ST W-E

COMMENT: LAKESHORE-VINE NORMAL MODE
CYCLE LENGTH 80 SECONDS: SCALE 1INCH=40% OF CYCLE: 1 LINE= 400 FT



TRAFF-PRO ENGINEERING CONSULTANTS
ARTERIAL PROGRESSION DESIGN

LAKESHORE-VINE PM PEAK

ROUTE: LAKESHORE BLVD-VINE ST W-E

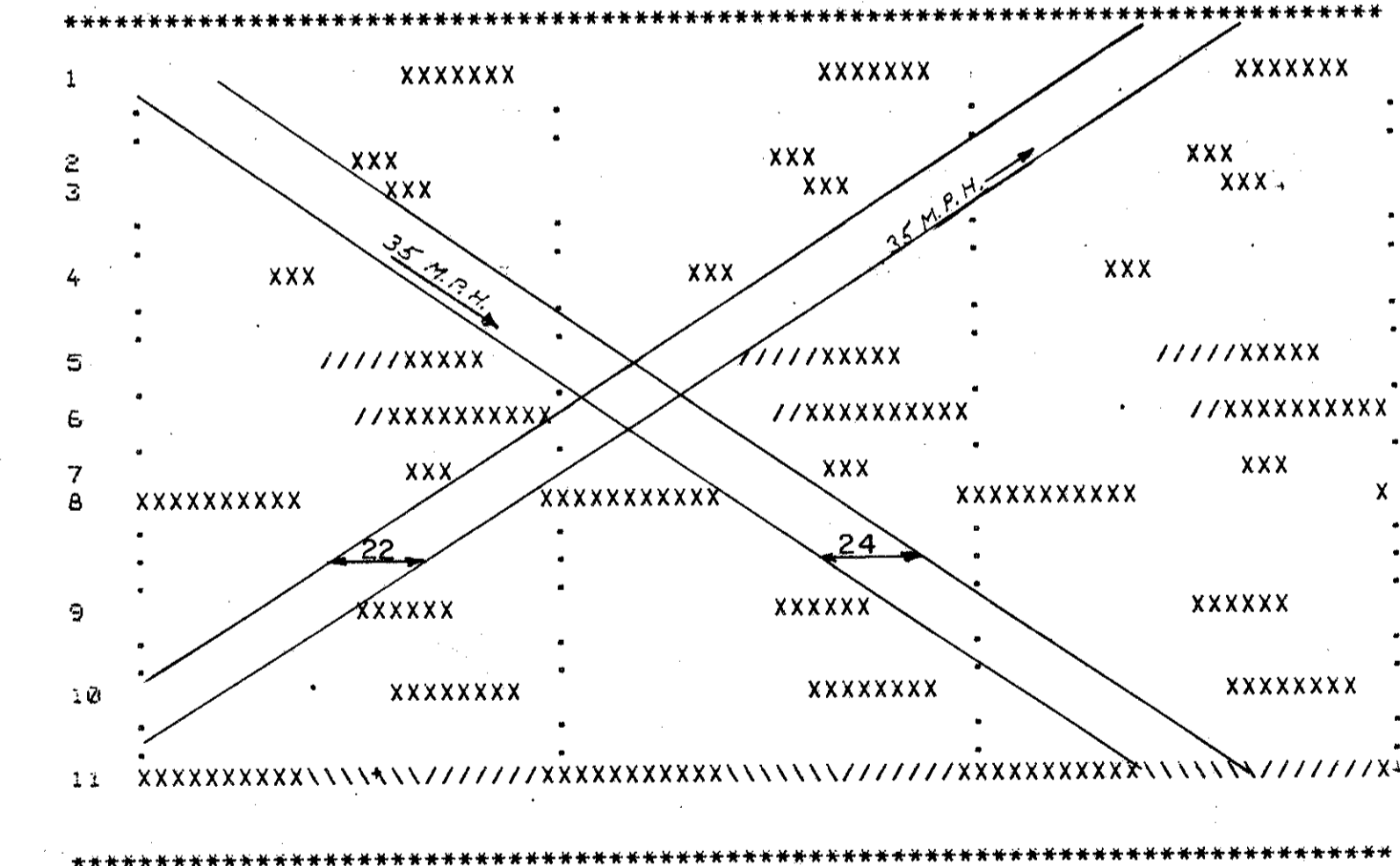
INTERSECTIONS: 11 CYCLE LENGTH: 80 SYSTEM OFFSET: 33
BANDWIDTH LEFT: 22 RIGHT: 24 PERFORMANCE INDEX: 40
EFFICIENCY: 28 ATTAINABILITY: 106 INTERFERENCE: 16

NO.	TIME-LOCATION DIAGRAM		DISTANCE		SPEED	
	RIGHTBOUND	READ DOWN	LEFT	RIGHT	LEFT	RIGHT
1			XXXXXXXX	1086	0	35 35
2			XXXXX	318	1086	35 35
3			XXXXX	1212	318	35 35
4	XXXX		XXXXX	1235	1212	35 35
5	XXXXXXXXXX		XXXXXXXX	793	1235	35 35
6	XXXXXXXXXX		XXXXXXXXXXXX	889	793	35 35
7	XXXX		XXXXX	565	889	35 35
8	XXXXXXXXXX		XXXXXXXXXX	1750	565	35 35
9	XXXXXX		XXXXXX	1210	1750	35 35
10	XX		XXXXXXXXXX	919	1210	35 35
11	XXXXXXXXXXXX		XXXXXXXXXXXX	0	919	35 35

NO. OFFSET (PERCENT)	TIME-LOCATION DIAGRAM		PHASE SPLITS (%)								
	LEFTBOUND	READ UP	1	2	3	4	5	6	7	8	
1	90		XXXXXXXXXX								72 28
2	64		XXXXX								87 13
3	72		XXXXX								87 13
4	42			XXXXX							89 11
5	83		XXXXXXXXXX								61 17 22
6	0	X		XXXXXXXXXXXX							50 10 40
7	75		XXXXXXXXXXXX								88 12
8	40		XXXXXXXXXXXX								55 45
9	75		XXXXXXXXXX								77 23
10	93	X		XXXXXXXXXX							69 31
11	94	X	XXXXXXXXXXXXXXXXXXXXXXXXXXXX								27 17 29 27

TIME SPACE DIAGRAM
ROUTE: LAKESHORE BLVD-VINE ST W-E

COMMENT: LAKESHORE-VINE PM PEAK
CYCLE LENGTH 80 SECONDS: SCALE 1INCH=40% OF CYCLE: 1 LINE= 400 FT



NO.	INTERSECTION	A. M. PEAK OFFSET		NORMAL MODE OFFSET		P. M. PEAK OFFSET	
		%	SEC.	%	SEC.	%	SEC.
1	SR.283-E.288th	4	3	64	51	90	72
2	SR.283-E.293	20	16	28	22	64	51
3	SR.283-E.294	62	50	32	26	72	58
4	SR.283-JOTES DR.	72	58	66	53	42	34
5	SR.283-BEST DR.	3	2	69	55	83	66
6	SR.283-E.305	32	26	68	54	0	0
7	SR.283-N.SHORE MALL	59	47	27	22	75	60
8	SR.283-VINE ST.	80	64	18	14	40	32
9	VINE ST.-E.317	25	20	63	50	75	60
10	VINE ST.-ST. MARY'S	19	15	27	22	93	74
11	VINE ST.-WILLOWICK DR.	22	18	68	54	94	75

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

TIME SPACE DIAGRAMS

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW	DATE	REVISED