

LAKE COUNTY

TRAFF-PRO ENGINEERING CONSULTANTS  
ARTERIAL PROGRESSION DESIGN

US 6-SR 84-70 SEC AM/OFF PEAK

ROUTE: U.S. 6 - CHARDON RD.

INTERSECTIONS: 5 CYCLE LENGTH: 70 SYSTEM OFFSET: 0

BANDWIDTH LEFT: 19 RIGHT: 14 PERFORMANCE INDEX: 35

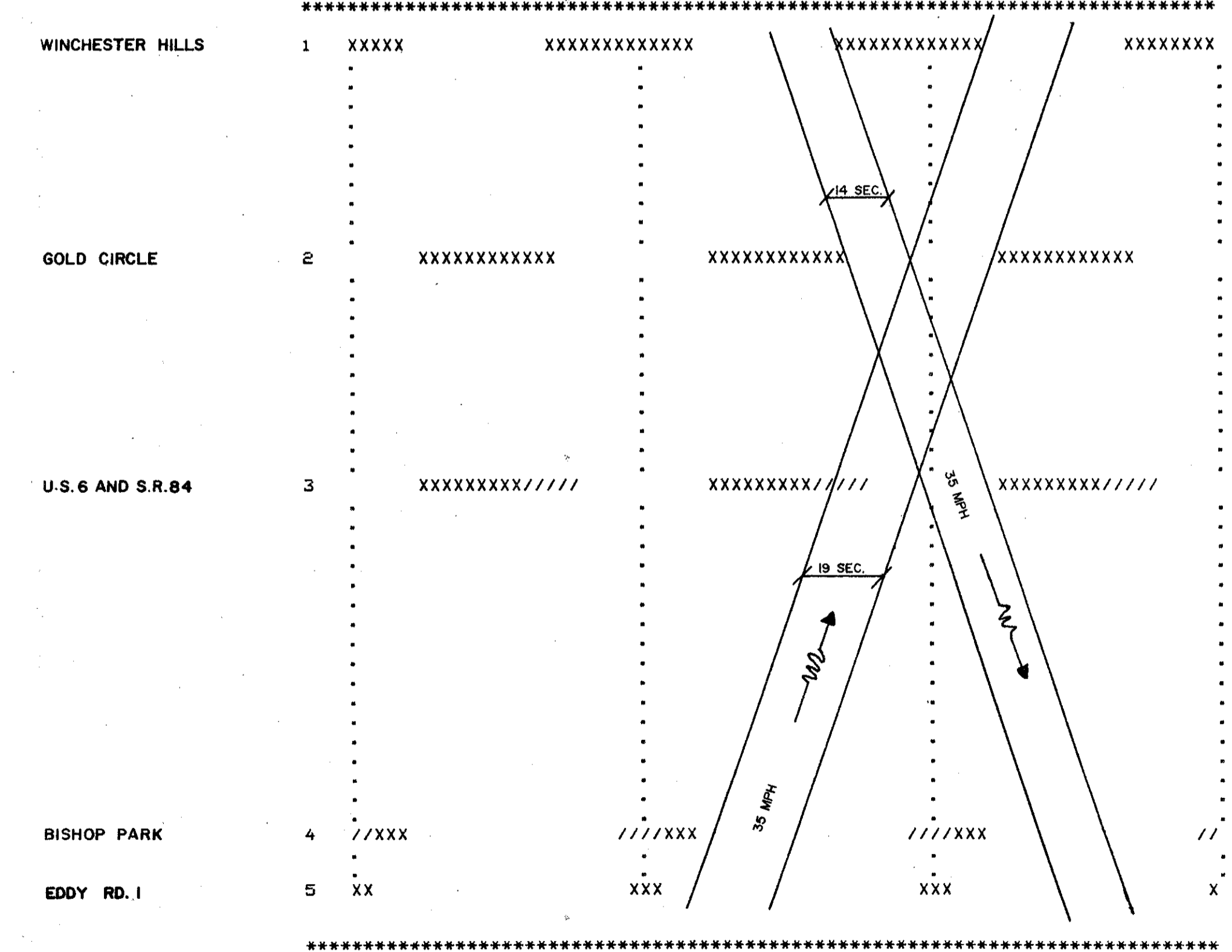
EFFICIENCY: 23 ATTAINABILITY: 54 INTERFERENCE: 16

NO.	TIME-LOCATION DIAGRAM		DISTANCE		SPEED	
	RIGHTBOUND	READ DOWN	LEFT	RIGHT	LEFT	RIGHT
1	XXXXXX	XXXXXXXXXXXXXX	901	0	35	35
2	XXXXXXXXXXXXXXXXXX	XX	981	901	35	35
3	XXXXXXXXXXXX	XXXXXXXXXXXX	1485	981	35	35
4	XXXXXXXXXXXX	XX	230	1485	35	35
5	XXXX	XX	0	230	35	35

NO.	OFFSET (PERCENT)	TIME-LOCATION DIAGRAM		PHASE SPLITS (%)									
		LEFTBOUND	READ UP	1	2	3	4	5	6	7	8		
1	18	XXXXXX	XXXXXXXXXXXX	48	14	24	14						
2	70		XXXXXXXXXXXX	51	14	21	14						
3	78	XXXXX	XXXXXXXXXXXX	42	24	14	20						
4	18	XXXX		72	14	14							
5	9	XXXX		86	14								

TIME SPACE DIAGRAM  
ROUTE: U.S. 6 - CHARDON RD.  
CYCLE LENGTH 70 SECONDS: SCALE 1INCH=40% OF CYCLE: 1 LINE= 84 FT



NO.	INTERSECTION	70 SEC.		90 SEC.	
		TIME OF DAY		TIME OF DAY	
		A.M. & OFF PEAK	OFFSET	P.M. PEAK	OFFSET
1	WINCHESTER HILLS	18	13	10	9
2	GOLD CIRCLE	70	49	10	9
3	U.S. 6 AND S.R. 84	78	55	20	18
4	BISHOP PARK	18	13	52	47
5	EDDY ROAD	9	6	55	50

TRAFF-PRO ENGINEERING CONSULTANTS  
ARTERIAL PROGRESSION DESIGN

US 6-SR 84-90 SEC PM PEAK

ROUTE: U.S. 6 - CHARDON RD.

INTERSECTIONS: 5 CYCLE LENGTH: 90 SYSTEM OFFSET: 0

BANDWIDTH LEFT: 18 RIGHT: 18 PERFORMANCE INDEX: 35

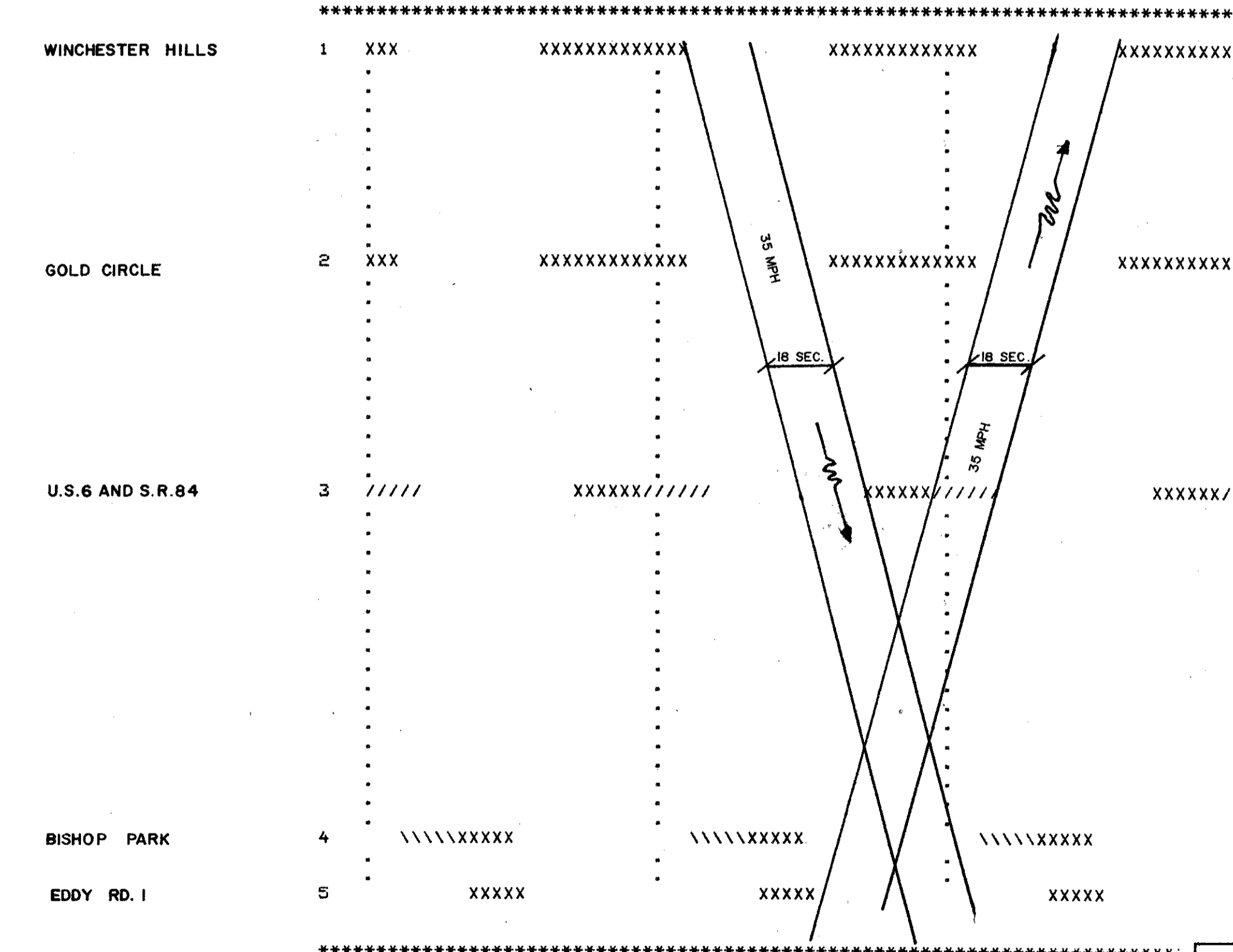
EFFICIENCY: 20 ATTAINABILITY: 44 INTERFERENCE: 15

NO.	TIME-LOCATION DIAGRAM		DISTANCE		SPEED	
	RIGHTBOUND	READ DOWN	LEFT	RIGHT	LEFT	RIGHT
1	XXXX	XXXXXXXXXXXXXX	901	0	35	35
2		XXXXXXXXXXXXXX	981	901	35	35
3		XXXXXXXXXXXXXX	1485	981	35	35
4		XXXXXXXXXX	230	1485	35	35
5		XXXXXXXXXX	0	230	35	35

NO.	OFFSET (PERCENT)	TIME-LOCATION DIAGRAM		PHASE SPLITS (%)									
		LEFTBOUND	READ UP	1	2	3	4	5	6	7	8		
1	18	XXXXXXXXXXXX	XXXXXXXXXX	47	17	18	18						
2	10	XXXXXXXXXXXX	XXXXXXXXXXXX	47	17	18	18						
3	20	XXXXXXXXXXXX	XXXXXXXXXXXX	50	23	4	23						
4	52	XXXXXXXXXXXX	XXXXXXXXXX	58	21	21							
5	55	XXXXXXXXXX	XXXXXXXXXX	79	21								

TIME SPACE DIAGRAM  
ROUTE: U.S. 6 - CHARDON RD.  
CYCLE LENGTH 90 SECONDS: SCALE 1INCH=40% OF CYCLE: 1 LINE= 84 FT



TRAFF-PRO CONSULTANTS INC.  
WILLOUGHBY, OHIO

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

TIME SPACE DIAGRAMS

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW	DATE	REVISED