FORM TR-12	**WYOMING DEPARTMENT OF TRANSPORTATION** **PEDESTRIAN GAP STUDY**	REV: 9/17/2010

PEDESTRIAN GROUP SIZE SURVEY	LOCATION:

COUNTY:	CITY:

STUDY DATE:	TIME FROM:	TO:	OBSERVER:

CROSSWALK ACROSS:	CURB TO CURB DISTANCE (W):	ft.

RAISED MEDIAN?	WIDTH OF MEDIAN:	ft.

REMARKS:

GROUP SIZE	NO. OF ROWS (N)	NUMBER OF GROUPS		CUMULATIVE TOTAL	COMPUTATIONS
		TALLY	TOTAL		
3 or less	1				
4-6	2				
7-9	3				
10-12	4				
13-15	5				
16-18	6				
19-21	7				
22-24	8				
25-27	9				
27-30	10				
	Total Number of Groups		x 0.85 =	N =	

MINIMUM ACCEPTABLE GAP, $G = W/S + 2(N - 1) + 3 = $ _____ / _____ + 2(_____ - 1) + 3 = _____ seconds

AVAILABLE GAP SURVEY	DATE:	TIME FROM:	TO:	DURATION MIN.

GAP (seconds)	NUMBER OF GAPS		MULTIPLY BY GAP SIZE	COMPUTATIONS
	TALLY	TOTAL		
10				
11				
12				
13				
14				
15				**Pedestrian Delay (D):**
16				T = Duration x 60
17				= _____ x 60
18				= _____ sec.
19				
20				
21				$D = \dfrac{(T - t) \times 100}{T}$
22				
23				$D = \dfrac{(_____ - _____) \times 100}{_____}$
24				
25				
26				Ped. Delay = _____ %
27				
28				**Average No. of Adequate**
29				**Gaps / Five-min. Period (P)**
30				$P = \dfrac{A}{\text{Duration} / 5}$
31				
32				
33				$= \dfrac{_____}{_____ / 5}$
34				
35				
36				$= _____ \dfrac{\text{Adequate gaps}}{\text{5-min. period}}$
37				
38				
39				
40				
Total Adequate Gaps (A) ▸		sec.	◂Total Time Of All Gaps (t) $\geq$ G	