

MEASURING INSTRUMENT FOR WALKING STUDENTS

This worksheet can be used to determine safety busing areas.

School District: _____ School: _____

Location of Area Rated: _____

Date Rated: _____

Rate the following by putting a circle around the appropriate number. The higher the number, the more hazardous the walking route. Numeric Score

Vehicular:

1. Average hourly during school arrival & departure both morning and afternoon. A.M. P.M.	Over 1000	1000-901	900-801	800-701	700-601	600-501	500-401	400-301	300-201	200-101	100-0	
	10	9	8	7	6	5	4	3	2	1	0	
	10	9	8	7	6	5	4	3	2	1	0	
2. Truck traffic during school arrival & both morning & afternoon. A.M. P.M.	Over 100		100-75		75-51		50-25		25-1		0	
	5		4		3		2		1		0	
	5		4		3		2		1		0	
3. Posted traffic speed	55 mph 7	50 mph 6	45 mph 5	40 mph 4	35 mph 3	30 mph 2	25 mph 1	20 mph 0				

Pedestrian:

1. Number of pupils	Over 225 10	225-201 9	200-176 8	175-151 7	150-126 6	125-101 5	100-76 4	75-51 3	50-26 2	25-1 1	0 0	
2. Grade level	Elementary 10				Middle School/Junior High 2				High School 0			

Roadway:

1. Width of road	Multi-lane divided highway, raised or painted median		Multi-lane (two-way) or Single-lane w/left turn lane		Two-lane Two-way No-passing		Two-lane Two-way Passing		Two-way, no street markings			
Crossing	10	9	8	7	6	5	4	3	2	1	0	
Exposure time walking along (in minutes)	> 30 10	27-30 9	24-27 8	21-24 7	18-21 6	15-18 5	12-15 4	9-12 3	6-9 2	3-6 1	0-3 0	
2. Shoulder or sidewalk "Narrow" – under 3 "Wide" – 3-8 feet	No shoulder or sidewalk		Narrow, unpaved shoulder, no sidewalk		Narrow, paved shoulder, no sidewalk		Wide, unpaved shoulder, no sidewalk		Wide, paved shoulder, no sidewalk		Sidewalk all way with no breaks	Sidewalk all way with no breaks, shoulder or utility strip
	10	9	8	7	6	5	4	3	2	1	0	0 -10
3. Accumulative area with no sidewalk	100% 10	90% 9	80% 8	70% 7	60% 6	50% 5	40% 4	30% 3	20% 2	10% 1	< 10% 0	
4. Traffic control signs markings (score as as applicable)	No school signs 2		No pavement markings 2		No traffic signals 2		No traffic lights – Elementary Only 2		No crossing guard – Elementary Only 2			

Environmental: (over)

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Environmental: (continued)

1. Visual obstructions (trees, shrubs, hills, curves, buildings, etc.)	Comments:											
	Accumulative Exposure - % of Walking Route											
	100% 10	90% 9	80% 8	70% 7	60% 6	50% 5	40% 4	30% 3	20% 2	10% 1	<10% 0	
2. Cross traffic pupil's direction of travel (streets & driveways other than single family home)	Comments:											
	Accumulative Exposure - % of Walking Route											
	100% 10	90% 9	80% 8	70% 7	60% 6	50% 5	40% 4	30% 3	20% 2	10% 1	<10% 0	
3. Special conditions (extraordinary factors, fences, open waterway, history of crime, etc.)	Comments:											
	Accumulative Exposure - % of Walking Route											
	100% 10	90% 9	80% 8	70% 7	60% 6	50% 5	40% 4	30% 3	20% 2	10% 1	<10% 0	

Accident Rate:

Accident rate (vehicle & pedestrian)	2 x Average for Facility		1.6 x Average for Facility		Average for Facility		.75 Average for Facility		.5 Average for Facility		
	10	9	8	7	6	5	4	3	2	0	

TOTAL RATING:

Contacted Agency or	Agency or Individual					Contact Person W/Phone Number				
	State Highway District									
	County Roads									
	City Streets									
	Canal Company									
	Developer									
	Property Owner									
	Other:									

Comments:

Evaluator _____

Date Evaluated _____