

<b>"Pedestrian Crash Test Data Summary"</b>														
<b>Date of Summary:</b>	<b>August 21, 2015</b>													
<b>The following summary is based upon crash test data collected during IPTM Pedestrian/Bicycle Courses and on-going controlled test sessions.</b>														
<b>Total Number of Crash Tests:</b>	<b>All Crash Tests</b>		<b>Ped Only Tests</b>		<b>Ped/Bike Tests</b>		<b>Wrap Tests</b>		<b>Forward Proj. Tests</b>		<b>Corner/Fender Tests</b>		<b>(Drop Tests Only)</b>	
	139 Tests		94 Tests		32 Tests		126 Tests		8 Tests		5 Tests		39 Tests	
<b>Vehicle Impact Speed:</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>
(Mean)	33.47	53.86	31.90	51.34	36.66	59.01	33.11	53.28	31.30	50.37	46.00	74.03	34.61	55.70
(Minimum)	18.09	29.11	21.00	33.80	22.70	36.53	21.00	33.80	18.09	29.11	39.00	62.76	26.00	41.84
(Maximum)	52.83	85.02	51.23	82.45	47.40	76.28	51.23	82.45	41.12	66.18	52.83	85.02	53.00	85.30
<b>Pedestrian Throw Distance:</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>
(Mean)	63.23	18.70	62.09	18.93	71.33	21.74	64.93	19.79	65.20	19.87	30.17	9.19	N/A	N/A
(Minimum)	12.80	3.79	27.30	8.32	21.00	6.40	21.00	6.40	16.00	4.88	12.80	3.90	N/A	N/A
(Maximum)	122.10	36.12	117.50	35.81	122.10	37.22	122.10	37.22	100.00	30.48	50.83	15.49	N/A	N/A
<b>Pedestrian Friction Value:</b>	<b>μ</b>		<b>μ</b>		<b>μ</b>		<b>μ</b>		<b>μ</b>		<b>μ</b>		<b>μ</b>	
(Mean)	0.61		0.61		0.60		0.61		0.57		0.63		0.60	
(Minimum)	0.44		0.44		0.44		0.44		0.44		0.44		0.45	
(Maximum)	0.79		0.79		0.79		0.79		0.70		0.70		0.64	
<b>Pedestrian Takeoff Angle:</b>	<b>Degrees</b>		<b>Degrees</b>		<b>Degrees</b>		<b>Degrees</b>		<b>Degrees</b>		<b>Degrees</b>		<b>Degrees</b>	
(Mean)	6.35		6.35		6.25		6.33		0.00		7.33		0.00	
(Minimum)	0.00		1.00		1.00		1.00		0.00		0.00		0.00	
(Maximum)	17.00		17.00		16.00		17.00		0.00		10.00		0.00	
<b>Pedestrian Carry Distance:</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>	<b>FT</b>	<b>M</b>
(Mean)	3.91	1.19	3.86	1.18	4.03	1.23	3.90	1.19	4.70	1.43	2.46	0.75	N/A	N/A
(Minimum)	0.00	0.00	1.73	0.53	1.65	0.50	1.65	0.50	1.00	0.30	0.00	0.00	N/A	N/A
(Maximum)	9.61	2.93	9.61	2.93	9.57	2.92	9.61	2.93	9.60	2.93	3.60	1.10	N/A	N/A
<b>Searle Minimum Speed Results:</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>
(Mean)	28.19	45.37	28.05	45.15	29.92	48.14	28.53	45.91	28.41	45.72	19.44	31.29	N/A	N/A
(Minimum)	13.27	21.36	18.58	29.90	15.86	25.52	15.86	25.52	14.48	23.30	13.27	21.36	N/A	N/A
(Maximum)	40.21	64.72	40.21	64.72	40.00	64.37	40.21	64.72	36.20	58.25	26.45	42.57	N/A	N/A
<b>Searle Min Speed - Carry Dist Results:</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>
(Mean)	27.27	43.89	27.12	43.64	29.03	46.71	27.60	44.42	27.34	44.00	18.83	30.30	N/A	N/A
(Minimum)	12.59	20.26	17.84	28.71	15.10	24.30	15.10	24.30	12.59	20.26	13.27	21.36	N/A	N/A
(Maximum)	39.07	62.87	39.07	62.87	39.04	62.82	39.07	62.87	34.94	56.24	25.76	41.46	N/A	N/A
<b>Pedestrian Slide to Stop Results:</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>
(Mean)	20.45	32.91	19.68	31.67	21.27	34.23	20.08	32.32	28.26	45.48	17.67	28.43	26.92	43.32
(Minimum)	8.04	12.94	8.05	12.95	9.57	15.39	8.05	12.95	10.52	16.93	15.62	25.15	17.33	27.89
(Maximum)	38.16	61.41	38.20	61.48	30.89	49.71	38.20	61.48	36.37	58.54	21.49	34.59	46.76	75.26
<b>Horizontal Speed Loss on Ground Impact:</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>	<b>MPH</b>	<b>KPH</b>
(Mean)	6.47	10.41	6.53	10.51	6.54	10.52	6.53	10.51	5.20	8.37	6.89	11.08	7.08	11.39
(Minimum)	3.18	5.13	4.38	7.05	4.51	7.25	4.38	7.05	3.18	5.13	4.90	7.89	5.32	8.56
(Maximum)	10.85	17.46	10.85	17.46	9.30	14.97	10.85	17.46	6.51	10.48	8.11	13.05	8.21	13.22
<b>Percentage of Vehicle Speed Acquired:</b>	<b>%</b>		<b>%</b>		<b>%</b>		<b>%</b>		<b>%</b>		<b>%</b>		<b>%</b>	
(Searle Min Speed ÷ Veh Impact Speed)	84%		88%		82%		86%		91%		42%		78%	