



**Madison Beltline PEL**

Draft Crash Analysis Results - Corridor Rates

November 21, 2013

Segment 1	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
County K to Parmenter	Fatal	0	0	0	1	0	1	2.0	0.6	3.30
	A-Level Injury	1	0	1	0	1	3	5.9	2.9	2.05
1.09 miles	B-Level Injury	1	2	2	2	0	7	13.9	6.6	2.10
25,370 ADT	C-Level Injury	4	2	4	2	3	15	29.7	6.7	4.44
Rural and Small Urban	All Injury	6	4	7	4	4	25	49.5	16.2	3.06
Expressway (2)	Property Damage Only	4	12	6	11	13	46	91.1	34.3	2.66
	<b>Total</b>	<b>10</b>	<b>16</b>	<b>13</b>	<b>16</b>	<b>17</b>	<b>72</b>	<b>143</b>	<b>51</b>	<b>2.79</b>

Segment 2	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Parmenter to Airport	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	0	0	0	0	0	0.0	1.5	0.00
1.00 miles	B-Level Injury	0	0	0	0	1	1	1.7	6.0	0.29
31,810 ADT	C-Level Injury	0	0	0	0	0	0	0.0	12.6	0.00
Large Urban Freeway (7)	All Injury	0	0	0	0	1	1	1.7	20.1	0.09
	Property Damage Only	6	3	0	2	3	14	24.1	52.9	0.46
	<b>Total</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>15</b>	<b>26</b>	<b>73</b>	<b>0.35</b>

Segment 3	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Airport to University	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	0	0	0	0	0	0.0	1.5	0.00
1.05 miles	B-Level Injury	0	0	0	0	0	0	0.0	6.0	0.00
31,000 ADT	C-Level Injury	1	1	0	0	0	2	3.4	12.6	0.27
Large Urban Freeway (7)	All Injury	1	1	0	0	0	2	3.4	20.1	0.17
	Property Damage Only	9	2	5	2	4	22	37.0	52.9	0.70
	<b>Total</b>	<b>10</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>24</b>	<b>40</b>	<b>73</b>	<b>0.55</b>

Segment 4	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
University to Greenway	Fatal	0	0	1	0	0	1	2.4	0.3	8.05
	A-Level Injury	0	0	0	0	0	0	0.0	1.5	0.00
0.5 miles	B-Level Injury	1	2	0	0	0	3	7.2	6.0	1.21
45,380 ADT	C-Level Injury	4	0	1	0	0	5	12.1	12.6	0.96
Large Urban Freeway (7)	All Injury	5	2	1	0	0	8	19.3	20.1	0.96
	Property Damage Only	4	8	4	3	3	22	53.1	52.9	1.00
	<b>Total</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>31</b>	<b>75</b>	<b>73</b>	<b>1.02</b>

Segment 5	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Greenway to Old Sauk	Fatal	1	0	0	0	0	1	1.1	0.3	3.61
	A-Level Injury	0	0	0	0	0	0	0.0	1.5	0.00
1.05 miles	B-Level Injury	0	1	1	1	3	6	6.5	6.0	1.08
48,140 ADT	C-Level Injury	0	2	2	1	1	6	6.5	12.6	0.52
Large Urban Freeway (7)	All Injury	0	3	3	2	4	12	13.0	20.1	0.65
	Property Damage Only	6	4	7	8	4	29	31.4	52.9	0.59
	<b>Total</b>	<b>7</b>	<b>7</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>42</b>	<b>46</b>	<b>73</b>	<b>0.62</b>

Segment 6	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Old Sauk to Mineral Point	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	0	0	0	1	1	0.8	1.5	0.56
1.00 miles	B-Level Injury	1	2	0	1	1	5	4.2	6.0	0.70
65,330 ADT	C-Level Injury	0	1	3	2	1	7	5.9	12.6	0.47
Large Urban Freeway (7)	All Injury	1	3	3	3	3	13	10.9	20.1	0.54
	Property Damage Only	2	2	4	7	2	17	14.3	52.9	0.27
	<b>Total</b>	<b>3</b>	<b>5</b>	<b>7</b>	<b>10</b>	<b>5</b>	<b>30</b>	<b>25</b>	<b>73</b>	<b>0.34</b>

Segment 7	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Mineral Point to Gammon	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	0	2	2	0	4	3.0	1.5	1.98
1.22 miles	B-Level Injury	0	0	0	1	2	3	2.2	6.0	0.37
60,450 ADT	C-Level Injury	2	0	2	3	7	14	10.4	12.6	0.83
Large Urban Freeway (7)	All Injury	2	0	4	6	9	21	15.6	20.1	0.78
	Property Damage Only	8	14	5	8	25	60	44.6	52.9	0.84
	<b>Total</b>	<b>10</b>	<b>14</b>	<b>9</b>	<b>14</b>	<b>34</b>	<b>81</b>	<b>60</b>	<b>73</b>	<b>0.82</b>

Segment 8	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Gammon to Whitney Way	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	1	0	0	1	2	0.9	1.5	0.61
1.62 miles	B-Level Injury	5	1	3	3	1	13	5.9	6.0	0.99
74,280 ADT	C-Level Injury	4	6	8	0	7	25	11.4	12.6	0.90
Large Urban Freeway (7)	All Injury	9	8	11	3	9	40	18.2	20.1	0.91
	Property Damage Only	15	14	16	18	32	95	43.3	52.9	0.82
	<b>Total</b>	<b>24</b>	<b>22</b>	<b>27</b>	<b>21</b>	<b>41</b>	<b>135</b>	<b>61</b>	<b>73</b>	<b>0.84</b>

**Notes**

Segment crash rates expressed in crashes per hundred million vehicle miles traveled (HMVMT).  
 Intersection crashes at County K included in segment crash rate.  
 All crash calculations exclude deer and other animal crashes.

Crash Rate Legend	
<0.75 x Statewide Average Crash Rate	Green
0.75-1.0 x Statewide Average Crash Rate	Yellow
1.0-1.5 x Statewide Average Crash Rate	Orange
>1.5 x Statewide Average Crash Rate	Red

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Segment 9	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Whitney Way to Verona	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	3	1	0	1	0	5	2.4	1.5	1.59
1.24 miles	B-Level Injury	0	1	1	3	2	7	3.3	6.0	0.56
92,620 ADT	C-Level Injury	6	3	3	5	6	23	11.0	12.6	0.87
	All Injury	9	5	4	9	8	35	16.7	20.1	0.83
Large Urban Freeway (7)	Property Damage Only	17	20	27	28	32	124	59.2	52.9	1.12
	<b>Total</b>	<b>26</b>	<b>25</b>	<b>31</b>	<b>37</b>	<b>40</b>	<b>159</b>	<b>76</b>	<b>73</b>	<b>1.03</b>

Segment 10	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Verona to Todd	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	2	1	1	1	5	1.4	1.5	0.95
1.56 miles	B-Level Injury	4	5	3	1	8	21	6.0	6.0	1.00
122,810 ADT	C-Level Injury	9	14	8	20	22	73	20.9	12.6	1.66
	All Injury	13	21	12	22	31	99	28.3	20.1	1.41
Large Urban Freeway (7)	Property Damage Only	50	58	55	64	70	297	84.9	52.9	1.61
	<b>Total</b>	<b>63</b>	<b>79</b>	<b>67</b>	<b>86</b>	<b>101</b>	<b>396</b>	<b>113</b>	<b>73</b>	<b>1.55</b>

Segment 11	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Todd to Fish Hatchery	Fatal	0	0	1	0	0	1	0.6	0.3	1.86
	A-Level Injury	3	0	1	0	0	4	2.2	1.5	1.49
0.81 miles	B-Level Injury	6	5	6	3	2	22	12.3	6.0	2.05
121,100 ADT	C-Level Injury	8	13	9	5	8	43	24.0	12.6	1.91
	All Injury	17	18	16	8	10	69	38.5	20.1	1.92
Large Urban Freeway (7)	Property Damage Only	21	29	30	27	43	150	83.8	52.9	1.58
	<b>Total</b>	<b>38</b>	<b>47</b>	<b>47</b>	<b>35</b>	<b>53</b>	<b>220</b>	<b>123</b>	<b>73</b>	<b>1.68</b>

Segment 12	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Fish Hatchery to Park	Fatal	0	0	1	0	0	1	0.6	0.3	2.16
	A-Level Injury	1	1	1	1	0	4	2.6	1.5	1.73
0.66 miles	B-Level Injury	6	4	2	3	1	16	10.4	6.0	1.73
128,000 ADT	C-Level Injury	8	10	3	11	7	39	25.3	12.6	2.01
	All Injury	15	15	6	15	8	59	38.3	20.1	1.90
Large Urban Freeway (7)	Property Damage Only	24	38	23	25	26	136	88.2	52.9	1.67
	<b>Total</b>	<b>39</b>	<b>53</b>	<b>30</b>	<b>40</b>	<b>34</b>	<b>196</b>	<b>127</b>	<b>73</b>	<b>1.73</b>

Segment 13	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Park to Rimrock	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	1	1	1	2	5	2.6	1.5	1.72
0.85 miles	B-Level Injury	7	5	2	6	2	22	11.3	6.0	1.89
125,150 ADT	C-Level Injury	5	7	8	4	7	31	16.0	12.6	1.27
	All Injury	12	13	11	11	11	58	29.9	20.1	1.49
Large Urban Freeway (7)	Property Damage Only	32	32	37	30	27	158	81.4	52.9	1.54
	<b>Total</b>	<b>44</b>	<b>45</b>	<b>48</b>	<b>41</b>	<b>38</b>	<b>216</b>	<b>111</b>	<b>73</b>	<b>1.52</b>

Segment 14	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Rimrock to John Nolen	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	0	1	0	2	3	3.5	1.5	2.37
0.45 miles	B-Level Injury	3	2	1	5	2	13	15.4	6.0	2.56
102,920 ADT	C-Level Injury	1	6	1	1	7	16	18.9	12.6	1.50
	All Injury	4	8	3	6	11	32	37.9	20.1	1.88
Large Urban Freeway (7)	Property Damage Only	22	11	25	21	21	100	118.3	52.9	2.24
	<b>Total</b>	<b>26</b>	<b>19</b>	<b>28</b>	<b>27</b>	<b>32</b>	<b>132</b>	<b>156</b>	<b>73</b>	<b>2.13</b>

Segment 15	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
John Nolen to Broadway	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	2	0	1	0	0	3	1.6	1.5	1.09
0.81 miles	B-Level Injury	3	4	1	5	2	15	8.2	6.0	1.36
124,000 ADT	C-Level Injury	5	6	5	6	3	25	13.6	12.6	1.08
	All Injury	10	10	7	11	5	43	23.5	20.1	1.17
Large Urban Freeway (7)	Property Damage Only	16	20	29	23	20	108	58.9	52.9	1.11
	<b>Total</b>	<b>26</b>	<b>30</b>	<b>36</b>	<b>34</b>	<b>25</b>	<b>151</b>	<b>82</b>	<b>73</b>	<b>1.12</b>

Segment 16	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Broadway to Monona	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	0	0	0	0	0	0.0	1.5	0.00
1.5 miles	B-Level Injury	2	3	1	3	3	12	3.6	6.0	0.59
123,230 ADT	C-Level Injury	10	4	7	7	7	35	10.4	12.6	0.82
	All Injury	12	7	8	10	10	47	13.9	20.1	0.69
Large Urban Freeway (7)	Property Damage Only	36	18	25	23	15	117	34.7	52.9	0.66
	<b>Total</b>	<b>48</b>	<b>25</b>	<b>33</b>	<b>33</b>	<b>25</b>	<b>164</b>	<b>49</b>	<b>73</b>	<b>0.66</b>

**Notes**

Segment crash rates expressed in crashes per hundred million vehicle miles traveled (HMVMT). All crash calculations exclude deer and other animal crashes.

Crash Rate Legend	
<0.75 x Statewide Average Crash Rate	Green
0.75-1.0 x Statewide Average Crash Rate	Yellow
1.0-1.5 x Statewide Average Crash Rate	Orange
>1.5 x Statewide Average Crash Rate	Red

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Segment 17	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Monona to Stoughton	Fatal	0	0	0	0	0	0	0.0	0.3	0.00
	A-Level Injury	0	0	0	0	0	0	0.0	1.5	0.00
0.88 miles	B-Level Injury	0	2	0	2	2	6	3.2	6.0	0.54
116,050 ADT	C-Level Injury	9	3	4	2	2	20	10.7	12.6	0.85
	All Injury	9	5	4	4	4	26	14.0	20.1	0.69
Large Urban Freeway (7)	Property Damage Only	32	29	18	18	18	115	61.7	52.9	1.17
	<b>Total</b>	<b>41</b>	<b>34</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>141</b>	<b>76</b>	<b>73</b>	<b>1.03</b>

Segment 18	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
Stoughton to I-39/90	Fatal	0	0	0	1	0	1	0.5	0.3	1.52
	A-Level Injury	0	0	1	0	1	2	0.9	1.5	0.61
1.54 miles	B-Level Injury	4	0	1	0	2	7	3.2	6.0	0.53
78,200 ADT	C-Level Injury	8	1	3	6	2	20	9.1	12.6	0.72
	All Injury	12	1	5	6	5	29	13.2	20.1	0.66
Large Urban Freeway (7)	Property Damage Only	15	21	13	15	12	76	34.6	52.9	0.65
	<b>Total</b>	<b>27</b>	<b>22</b>	<b>18</b>	<b>22</b>	<b>17</b>	<b>106</b>	<b>48</b>	<b>73</b>	<b>0.66</b>

Segment 19	Severity	Number of Crashes					Total	Crash Rates (HMVMT)		Rate vs. SW Average
		2008	2009	2010	2011	2012		Annual Crash Rate	Statewide Average (2008-2012)	
I-39 to North Star Road	Fatal	0	1	0	1	0	2	1.6	0.6	2.60
	A-Level Injury	1	1	5	0	3	10	7.8	2.9	2.69
4.61 miles	B-Level Injury	3	1	4	3	4	15	11.7	6.6	1.77
15,230 ADT	C-Level Injury	2	2	1	3	6	14	10.9	6.7	1.63
	All Injury	6	4	10	6	13	39	30.4	16.2	1.88
Rural and Small Urban Expressway (2)	Property Damage Only	5	9	14	12	16	56	43.7	34.3	1.27
	<b>Total</b>	<b>11</b>	<b>14</b>	<b>24</b>	<b>19</b>	<b>29</b>	<b>97</b>	<b>76</b>	<b>51</b>	<b>1.48</b>

**Notes**

Segment crash rates expressed in crashes per hundred million vehicle miles traveled (HMVMT).  
All crash calculations exclude deer and other animal crashes.

**Crash Rate Legend**

<0.75 x Statewide Average Crash Rate
0.75-1.0 x Statewide Average Crash Rate
1.0-1.5 x Statewide Average Crash Rate
>1.5 x Statewide Average Crash Rate



# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	County K-Parmenter
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	4	4	1	1	0	10
2009	12	2	2	0	0	16
2010	6	4	2	1	0	13
2011	11	2	2	0	1	16
2012	13	3	0	1	0	17
<b>TOTAL</b>	<b>46</b>	<b>15</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>72</b>
<b>PERCENT</b>	<b>63.9%</b>	<b>20.8%</b>	<b>9.7%</b>	<b>4.2%</b>	<b>1.4%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>9.2</b>	<b>3.0</b>	<b>1.4</b>	<b>0.6</b>	<b>0.2</b>	<b>14.4</b>

## BY MONTH

	PERCENT	
JANUARY	8 11.1%	1
FEBRUARY	4 5.6%	2
MARCH	6 8.3%	3
APRIL	6 8.3%	4
MAY	6 8.3%	5
JUNE	8 11.1%	6
JULY	4 5.6%	7
AUGUST	7 9.7%	8
SEPTEMBER	5 6.9%	9
OCTOBER	4 5.6%	10
NOVEMBER	4 5.6%	11
DECEMBER	10 13.9%	12
<b>TOTAL</b>	<b>72 100.0%</b>	

## BY DIRECTION

	PERCENT	
EASTBOUND	20 27.8%	E
WESTBOUND	49 68.1%	W
NORTHBOUND	0 0.0%	N
SOUTHBOUND	0 0.0%	S

## CURVATURE

	PERCENT	
HORIZONTAL	0 0.0%	C
VERTICAL	14 19.4%	H

## ROAD CONDITIONS

		PERCENT
DRY	54	75.0%
WET	15	20.8%
SNOW	3	4.2%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>72</b>	<b>100.0%</b>

## CRASH TYPE

		PERCENT
ANGLE	15	20.8%
REAR-END	45	62.5%
HEAD-ON	0	0.0%
SS-SAME	5	6.9%
SS-OPPOSITE	1	1.4%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	5	6.9%
NOT FIXED	0	0.0%
OVERTURN	0	0.0%
OTHER/UNKN	1	1.4%
<b>TOTAL</b>	<b>72</b>	<b>100.0%</b>

## CRASH RATES

	per HMVMT
CRASH RATE	142.67
INJURY CRASH RATE	49.54
FATAL CRASH RATE	1.98

AADT	25,370
Distance	1.09

## BY SEASON

		PERCENT
SPRING	20	27.8%
SUMMER	16	22.2%
FALL	18	25.0%
WINTER	18	25.0%
<b>TOTAL</b>	<b>72</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	1
PERCENTAGE OF TOTAL	1.39%

## LIGHT CONDITIONS

		PERCENT
DAY	60	83.3%
DARK	12	16.7%
<b>TOTAL</b>	<b>72</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

		PERCENT
CAR	109	79.0%
TRUCK	27	19.6%
OTHER/UNKN	2	1.4%
<b>TOTAL</b>	<b>138</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

		PERCENT
<25	21	15.2%
25-34	36	26.1%
35-44	26	18.8%
45-54	25	18.1%
55-64	20	14.5%
65-74	6	4.3%
75-84	2	1.4%
85+	0	0.0%
UNKNOWN	2	1.4%
<b>TOTAL</b>	<b>138</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

		PERCENT
OTHER/UNKN	2	1.4%
NONE	5	3.6%
VERY MINOR	17	12.3%
MINOR	35	25.4%
MODERATE	46	33.3%
SEVERE	23	16.7%
VERY SEVERE	10	7.2%
<b>TOTAL</b>	<b>138</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

<b>AVERAGE NUMBER OF VEHICLES PER CRASH</b>	2.1
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	County K-Parmenter
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	0	1	3	3	0	0	0	7	Weekday
TUESDAY	0	2	0	7	3	0	0	12	
WEDNESDAY	1	3	5	8	0	0	0	17	
THURSDAY	0	1	3	3	0	0	0	7	
FRIDAY	0	6	5	2	0	0	0	13	
<b>SATURDAY</b>	0	1	5	0	1	0	0	7	Weekend
SUNDAY	1	1	5	1	1	0	0	9	
<b>TOTAL</b>	2	15	26	24	5	0	0	72	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	0	1	2	0	0	0	3	Weekday
TUESDAY	0	1	0	1	0	0	0	2	
WEDNESDAY	1	2	0	2	0	0	0	5	
THURSDAY	0	0	0	0	0	0	0	0	
FRIDAY	0	3	1	0	0	0	0	4	
<b>SATURDAY</b>	0	1	2	0	0	0	0	3	Weekend
SUNDAY	0	0	2	0	1	0	0	3	
<b>TOTAL</b>	1	7	6	5	1	0	0	20	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	1	2	1	0	0	0	4	Weekday
TUESDAY	0	1	0	6	3	0	0	10	
WEDNESDAY	0	1	5	5	0	0	0	11	
THURSDAY	0	1	3	3	0	0	0	7	
FRIDAY	0	3	2	2	0	0	0	7	
<b>SATURDAY</b>	0	0	3	0	1	0	0	4	Weekend
SUNDAY	1	1	3	1	0	0	0	6	
<b>TOTAL</b>	1	8	18	18	4	0	0	49	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

SEGMENT	Parmenter-Airport
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	6	0	0	0	0	6
2009	3	0	0	0	0	3
2010	0	0	0	0	0	0
2011	2	0	0	0	0	2
2012	3	0	1	0	0	4
<b>TOTAL</b>	<b>14</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>15</b>
<b>PERCENT</b>	<b>93.3%</b>	<b>0.0%</b>	<b>6.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>2.8</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>3.0</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	0	0.0%
FEBRUARY	3	20.0%
MARCH	2	13.3%
APRIL	1	6.7%
MAY	1	6.7%
JUNE	1	6.7%
JULY	1	6.7%
AUGUST	4	26.7%
SEPTEMBER	0	0.0%
OCTOBER	0	0.0%
NOVEMBER	0	0.0%
DECEMBER	2	13.3%
<b>TOTAL</b>	<b>15</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	4	26.7%
WESTBOUND	11	73.3%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	2	13.3%
VERTICAL	4	26.7%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT	
DRY	12	80.0%
WET	0	0.0%
SNOW	2	13.3%
ICE	0	0.0%
MUD	1	6.7%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>15</b>	<b>100.0%</b>

## CRASH TYPE

CRASH TYPE	PERCENT	
ANGLE	1	6.7%
REAR-END	2	13.3%
HEAD-ON	0	0.0%
SS-SAME	2	13.3%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	6	40.0%
NOT FIXED	1	6.7%
OVERTURN	0	0.0%
OTHER/UNKN	3	20.0%
<b>TOTAL</b>	<b>15</b>	<b>100.0%</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	25.84
INJURY CRASH RATE	1.72
FATAL CRASH RATE	0.00

AADT	31,810
Distance	1.00

## BY SEASON

SEASON	PERCENT	
SPRING	3	20.0%
SUMMER	5	33.3%
FALL	2	13.3%
WINTER	5	33.3%
<b>TOTAL</b>	<b>15</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	0
PERCENTAGE OF TOTAL	0.00%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT	
DAY	13	86.7%
DARK	2	13.3%
<b>TOTAL</b>	<b>15</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT	
CAR	17	77.3%
TRUCK	5	22.7%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>22</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT	
<25	2	9.1%
25-34	8	36.4%
35-44	4	18.2%
45-54	4	18.2%
55-64	4	18.2%
65-74	0	0.0%
75-84	0	0.0%
85+	0	0.0%
UNKNOWN	0	0.0%
<b>TOTAL</b>	<b>22</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT	
OTHER/UNKN	0	0.0%
NONE	3	13.6%
VERY MINOR	1	4.5%
MINOR	2	9.1%
MODERATE	8	36.4%
SEVERE	7	31.8%
VERY SEVERE	1	4.5%
<b>TOTAL</b>	<b>22</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

**AVERAGE NUMBER OF VEHICLES PER CRASH** 1.8

Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Parmenter-Airport
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL		
	MORNING	PEAK		PEAK		EVENING				
	2:00 AM	6:00 AM		2:00 PM		6:00 PM				10:00 PM
	TO	TO		TO		TO				TO
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM				
<b>MONDAY</b>	0	0	0	2	0	0	0	2	Weekday	
TUESDAY	0	1	0	3	0	1	0	5		
WEDNESDAY	0	0	1	1	0	0	0	2		
THURSDAY	0	0	0	1	0	0	0	1		
FRIDAY	0	3	0	0	0	0	0	3		
<b>SATURDAY</b>	1	0	0	1	0	0	0	2	Weekend	
SUNDAY	0	0	0	0	0	0	0	0		
<b>TOTAL</b>	1	4	1	8	0	1	0	15		

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	0	0	1	0	0	0	1	Weekday
TUESDAY	0	0	0	1	0	0	0	1	
WEDNESDAY	0	0	0	1	0	0	0	1	
THURSDAY	0	0	0	0	0	0	0	0	
FRIDAY	0	1	0	0	0	0	0	1	
<b>SATURDAY</b>	0	0	0	0	0	0	0	0	Weekend
SUNDAY	0	0	0	0	0	0	0	0	
<b>TOTAL</b>	0	1	0	3	0	0	0	4	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	0	0	1	0	0	0	1	Weekday
TUESDAY	0	1	0	2	0	1	0	4	
WEDNESDAY	0	0	1	0	0	0	0	1	
THURSDAY	0	0	0	1	0	0	0	1	
FRIDAY	0	2	0	0	0	0	0	2	
<b>SATURDAY</b>	1	0	0	1	0	0	0	2	Weekend
SUNDAY	0	0	0	0	0	0	0	0	
<b>TOTAL</b>	1	3	1	5	0	1	0	11	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Airport-University
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	9	1	0	0	0	10
2009	2	1	0	0	0	3
2010	5	0	0	0	0	5
2011	2	0	0	0	0	2
2012	4	0	0	0	0	4
<b>TOTAL</b>	<b>22</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>
<b>PERCENT</b>	<b>91.7%</b>	<b>8.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>4.4</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>4.8</b>

## BY MONTH

	PERCENT	
JANUARY	1 4.2%	1
FEBRUARY	6 25.0%	2
MARCH	1 4.2%	3
APRIL	1 4.2%	4
MAY	2 8.3%	5
JUNE	0 0.0%	6
JULY	2 8.3%	7
AUGUST	1 4.2%	8
SEPTEMBER	0 0.0%	9
OCTOBER	0 0.0%	10
NOVEMBER	2 8.3%	11
DECEMBER	8 33.3%	12
<b>TOTAL</b>	<b>24 100.0%</b>	

## BY DIRECTION

	PERCENT	
EASTBOUND	12 50.0%	E
WESTBOUND	12 50.0%	W
NORTHBOUND	0 0.0%	N
SOUTHBOUND	0 0.0%	S

## CURVATURE

	PERCENT	
HORIZONTAL	7 29.2%	C
VERTICAL	8 33.3%	H

## ROAD CONDITIONS

		PERCENT
DRY	11	45.8%
WET	4	16.7%
SNOW	9	37.5%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>24</b>	<b>100.0%</b>

## CRASH TYPE

		PERCENT
ANGLE	0	0.0%
REAR-END	3	12.5%
HEAD-ON	0	0.0%
SS-SAME	6	25.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	12	50.0%
NOT FIXED	0	0.0%
OVERTURN	0	0.0%
OTHER/UNKN	3	12.5%
<b>TOTAL</b>	<b>24</b>	<b>100.0%</b>

## CRASH RATES

	per HMVMT
CRASH RATE	40.40
INJURY CRASH RATE	3.37
FATAL CRASH RATE	0.00

AADT	31,000
Distance	1.05

## BY SEASON

		PERCENT
SPRING	3	12.5%
SUMMER	3	12.5%
FALL	10	41.7%
WINTER	8	33.3%
<b>TOTAL</b>	<b>24</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	1
PERCENTAGE OF TOTAL	4.17%

## LIGHT CONDITIONS

		PERCENT
DAY	17	70.8%
DARK	7	29.2%
<b>TOTAL</b>	<b>24</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

		PERCENT
CAR	28	84.8%
TRUCK	4	12.1%
OTHER/UNKN	1	3.0%
<b>TOTAL</b>	<b>33</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

		PERCENT
<25	10	30.3%
25-34	7	21.2%
35-44	7	21.2%
45-54	3	9.1%
55-64	2	6.1%
65-74	2	6.1%
75-84	1	3.0%
85+	0	0.0%
UNKNOWN	1	3.0%
<b>TOTAL</b>	<b>33</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

		PERCENT
OTHER/UNKN	2	6.1%
NONE	0	0.0%
VERY MINOR	3	9.1%
MINOR	5	15.2%
MODERATE	19	57.6%
SEVERE	4	12.1%
VERY SEVERE	0	0.0%
<b>TOTAL</b>	<b>33</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

<b>AVERAGE NUMBER OF VEHICLES PER CRASH</b>	<b>1.5</b>
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Airport-University
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	1	2	2	0	0	0	0	5	Weekday
TUESDAY	1	2	0	0	0	0	0	3	
WEDNESDAY	0	0	2	0	0	0	0	2	
THURSDAY	0	0	0	2	0	0	0	2	
FRIDAY	1	1	2	0	0	0	0	4	
<b>SATURDAY</b>	0	2	1	2	0	0	0	5	Weekend
SUNDAY	0	0	0	0	3	0	0	3	
<b>TOTAL</b>	3	7	7	4	3	0	0	24	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	1	0	0	0	0	0	1	Weekday
TUESDAY	1	1	0	0	0	0	0	2	
WEDNESDAY	0	0	2	0	0	0	0	2	
THURSDAY	0	0	0	0	0	0	0	0	
FRIDAY	1	0	0	0	0	0	0	1	
<b>SATURDAY</b>	0	2	0	1	0	0	0	3	Weekend
SUNDAY	0	0	0	0	3	0	0	3	
<b>TOTAL</b>	2	4	2	1	3	0	0	12	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	1	1	2	0	0	0	0	4	Weekday
TUESDAY	0	1	0	0	0	0	0	1	
WEDNESDAY	0	0	0	0	0	0	0	0	
THURSDAY	0	0	0	2	0	0	0	2	
FRIDAY	0	1	2	0	0	0	0	3	
<b>SATURDAY</b>	0	0	1	1	0	0	0	2	Weekend
SUNDAY	0	0	0	0	0	0	0	0	
<b>TOTAL</b>	1	3	5	3	0	0	0	12	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

SEGMENT	University-Greenway
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	4	4	1	0	0	9
2009	8	0	2	0	0	10
2010	4	1	0	0	1	6
2011	3	0	0	0	0	3
2012	3	0	0	0	0	3
<b>TOTAL</b>	<b>22</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>31</b>
<b>PERCENT</b>	<b>71.0%</b>	<b>16.1%</b>	<b>9.7%</b>	<b>0.0%</b>	<b>3.2%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>4.4</b>	<b>1.0</b>	<b>0.6</b>	<b>0.0</b>	<b>0.2</b>	<b>6.2</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	9	29.0%
FEBRUARY	0	0.0%
MARCH	1	3.2%
APRIL	3	9.7%
MAY	1	3.2%
JUNE	0	0.0%
JULY	2	6.5%
AUGUST	0	0.0%
SEPTEMBER	2	6.5%
OCTOBER	0	0.0%
NOVEMBER	5	16.1%
DECEMBER	8	25.8%
<b>TOTAL</b>	<b>31</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	23	74.2%
WESTBOUND	8	25.8%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	2	6.5%
VERTICAL	13	41.9%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT
DRY	22
WET	2
SNOW	7
ICE	0
MUD	0
OTHER/UNKN	0
<b>TOTAL</b>	<b>31</b>

## CRASH TYPE

CRASH TYPE	PERCENT
ANGLE	6
REAR-END	1
HEAD-ON	0
SS-SAME	1
SS-OPPOSITE	0
PEDESTRIAN	0
BICYCLE	0
FIXED	19
NOT FIXED	2
OVERTURN	0
OTHER/UNKN	2
<b>TOTAL</b>	<b>31</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	74.86
INJURY CRASH RATE	19.32
FATAL CRASH RATE	2.41

AADT	45,380
Distance	0.50

## BY SEASON

SEASON	PERCENT
SPRING	4
SUMMER	4
FALL	13
WINTER	10
<b>TOTAL</b>	<b>31</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	1
PERCENTAGE OF TOTAL	3.23%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT
DAY	15
DARK	16
<b>TOTAL</b>	<b>31</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT
CAR	34
TRUCK	6
OTHER/UNKN	1
<b>TOTAL</b>	<b>41</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT
<25	7
25-34	18
35-44	8
45-54	3
55-64	4
65-74	0
75-84	0
85+	0
UNKNOWN	1
<b>TOTAL</b>	<b>41</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT
OTHER/UNKN	0
NONE	2
VERY MINOR	2
MINOR	7
MODERATE	19
SEVERE	8
VERY SEVERE	3
<b>TOTAL</b>	<b>41</b>

Note: Statistics based on first and second vehicles in crashes.

**AVERAGE NUMBER OF VEHICLES PER CRASH** 1.4

Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	University-Greenway
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	2	3	0	1	1	0	0	7	Weekday
TUESDAY	0	4	1	0	1	0	0	6	
WEDNESDAY	0	0	0	0	1	1	0	2	
THURSDAY	0	1	0	1	0	1	0	3	
FRIDAY	0	3	0	0	3	0	0	6	
<b>SATURDAY</b>	0	3	0	0	0	2	0	5	Weekend
SUNDAY	1	0	0	1	0	0	0	2	
<b>TOTAL</b>	3	14	1	3	6	4	0	31	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	2	2	0	1	1	0	0	6	Weekday
TUESDAY	0	3	1	0	0	0	0	4	
WEDNESDAY	0	0	0	0	1	1	0	2	
THURSDAY	0	1	0	0	0	1	0	2	
FRIDAY	0	3	0	0	1	0	0	4	
<b>SATURDAY</b>	0	2	0	0	0	1	0	3	Weekend
SUNDAY	1	0	0	1	0	0	0	2	
<b>TOTAL</b>	3	11	1	2	3	3	0	23	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	1	0	0	0	0	0	1	Weekday
TUESDAY	0	1	0	0	1	0	0	2	
WEDNESDAY	0	0	0	0	0	0	0	0	
THURSDAY	0	0	0	1	0	0	0	1	
FRIDAY	0	0	0	0	2	0	0	2	
<b>SATURDAY</b>	0	1	0	0	0	1	0	2	Weekend
SUNDAY	0	0	0	0	0	0	0	0	
<b>TOTAL</b>	0	3	0	1	3	1	0	8	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Greenway-Old Sauk
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	6	0	0	0	1	7
2009	4	2	1	0	0	7
2010	7	2	1	0	0	10
2011	8	1	1	0	0	10
2012	4	1	3	0	0	8
<b>TOTAL</b>	<b>29</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>42</b>
<b>PERCENT</b>	<b>69.0%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>2.4%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>5.8</b>	<b>1.2</b>	<b>1.2</b>	<b>0.0</b>	<b>0.2</b>	<b>8.4</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	21.4%	1
FEBRUARY	4.8%	2
MARCH	9.5%	3
APRIL	2.4%	4
MAY	4.8%	5
JUNE	9.5%	6
JULY	4.8%	7
AUGUST	7.1%	8
SEPTEMBER	4.8%	9
OCTOBER	4.8%	10
NOVEMBER	9.5%	11
DECEMBER	16.7%	12
<b>TOTAL</b>	<b>100.0%</b>	

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	42.9%	E
WESTBOUND	57.1%	W
NORTHBOUND	0.0%	N
SOUTHBOUND	0.0%	S

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	4.8%	C
VERTICAL	11.9%	H

## ROAD CONDITIONS

ROAD CONDITION	PERCENT
DRY	66.7%
WET	21.4%
SNOW	11.9%
ICE	0.0%
MUD	0.0%
OTHER/UNKN	0.0%
<b>TOTAL</b>	<b>100.0%</b>

## CRASH TYPE

CRASH TYPE	PERCENT
ANGLE	2.4%
REAR-END	56.1%
HEAD-ON	4.9%
SS-SAME	7.3%
SS-OPPOSITE	0.0%
PEDESTRIAN	0.0%
BICYCLE	0.0%
FIXED	17.1%
NOT FIXED	0.0%
OVERTURN	2.4%
OTHER/UNKN	9.8%
<b>TOTAL</b>	<b>100.0%</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	45.53
INJURY CRASH RATE	13.01
FATAL CRASH RATE	1.08

AADT	48,140
Distance	1.05

## BY SEASON

SEASON	PERCENT
SPRING	16.7%
SUMMER	16.7%
FALL	31.0%
WINTER	35.7%
<b>TOTAL</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	2
PERCENTAGE OF TOTAL	4.76%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT
DAY	57.1%
DARK	42.9%
<b>TOTAL</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT
CAR	84.5%
TRUCK	12.7%
OTHER/UNKN	2.8%
<b>TOTAL</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT
<25	20.8%
25-34	22.2%
35-44	25.0%
45-54	13.9%
55-64	12.5%
65-74	2.8%
75-84	1.4%
85+	1.4%
UNKNOWN	0.0%
<b>TOTAL</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT
OTHER/UNKN	0.0%
NONE	5.6%
VERY MINOR	12.7%
MINOR	25.4%
MODERATE	32.4%
SEVERE	12.7%
VERY SEVERE	11.3%
<b>TOTAL</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

<b>AVERAGE NUMBER OF VEHICLES PER CRASH</b>	<b>1.8</b>
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Greenway-Old Sauk
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	1	3	0	1	0	2	0	7	Weekday
TUESDAY	0	0	3	2	1	0	0	6	
WEDNESDAY	0	0	1	3	1	0	0	5	
THURSDAY	0	3	1	4	1	0	0	9	
FRIDAY	0	0	0	4	2	1	0	7	
<b>SATURDAY</b>	1	0	1	3	1	0	0	6	Weekend
SUNDAY	1	0	0	0	0	1	0	2	
<b>TOTAL</b>	3	6	6	17	6	4	0	42	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	2	0	1	0	2	0	5	Weekday
TUESDAY	0	0	1	0	1	0	0	2	
WEDNESDAY	0	0	1	2	0	0	0	3	
THURSDAY	0	0	1	1	1	0	0	3	
FRIDAY	0	0	0	2	0	0	0	2	
<b>SATURDAY</b>	0	0	0	1	1	0	0	2	Weekend
SUNDAY	0	0	0	0	0	1	0	1	
<b>TOTAL</b>	0	2	3	7	3	3	0	18	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	1	1	0	0	0	0	0	2	Weekday
TUESDAY	0	0	2	2	0	0	0	4	
WEDNESDAY	0	0	0	1	1	0	0	2	
THURSDAY	0	3	0	3	0	0	0	6	
FRIDAY	0	0	0	2	2	1	0	5	
<b>SATURDAY</b>	1	0	1	2	0	0	0	4	Weekend
SUNDAY	1	0	0	0	0	0	0	1	
<b>TOTAL</b>	3	4	3	10	3	1	0	24	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Old Sauk-Mineral Point
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	2	0	1	0	0	3
2009	2	1	2	0	0	5
2010	4	3	0	0	0	7
2011	7	2	1	0	0	10
2012	2	1	1	1	0	5
<b>TOTAL</b>	<b>17</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>30</b>
<b>PERCENT</b>	<b>56.7%</b>	<b>23.3%</b>	<b>16.7%</b>	<b>3.3%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>3.4</b>	<b>1.4</b>	<b>1.0</b>	<b>0.2</b>	<b>0.0</b>	<b>6.0</b>

## BY MONTH

	PERCENT	
JANUARY	6 20.0%	1
FEBRUARY	4 13.3%	2
MARCH	3 10.0%	3
APRIL	0 0.0%	4
MAY	2 6.7%	5
JUNE	2 6.7%	6
JULY	2 6.7%	7
AUGUST	3 10.0%	8
SEPTEMBER	0 0.0%	9
OCTOBER	2 6.7%	10
NOVEMBER	3 10.0%	11
DECEMBER	3 10.0%	12
<b>TOTAL</b>	<b>30 100.0%</b>	

## BY DIRECTION

	PERCENT	
EASTBOUND	14 46.7%	E
WESTBOUND	16 53.3%	W
NORTHBOUND	0 0.0%	N
SOUTHBOUND	0 0.0%	S

## CURVATURE

	PERCENT	
HORIZONTAL	2 6.7%	C
VERTICAL	4 13.3%	H

## ROAD CONDITIONS

		PERCENT
DRY	19	63.3%
WET	5	16.7%
SNOW	6	20.0%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>30</b>	<b>100.0%</b>

## CRASH TYPE

		PERCENT
ANGLE	1	3.4%
REAR-END	16	55.2%
HEAD-ON	1	3.4%
SS-SAME	3	10.3%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	6	20.7%
NOT FIXED	0	0.0%
OVERTURN	0	0.0%
OTHER/UNKN	2	6.9%
<b>TOTAL</b>	<b>29</b>	<b>100.0%</b>

## CRASH RATES

	per HMVMT
CRASH RATE	25.16
INJURY CRASH RATE	10.90
FATAL CRASH RATE	0.00

AADT	65,330
Distance	1.00

## BY SEASON

		PERCENT
SPRING	4	13.3%
SUMMER	5	16.7%
FALL	8	26.7%
WINTER	13	43.3%
<b>TOTAL</b>	<b>30</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	1
PERCENTAGE OF TOTAL	3.33%

## LIGHT CONDITIONS

		PERCENT
DAY	22	73.3%
DARK	8	26.7%
<b>TOTAL</b>	<b>30</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

		PERCENT
CAR	42	80.8%
TRUCK	9	17.3%
OTHER/UNKN	1	1.9%
<b>TOTAL</b>	<b>52</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

		PERCENT
<25	10	19.2%
25-34	17	32.7%
35-44	9	17.3%
45-54	12	23.1%
55-64	2	3.8%
65-74	0	0.0%
75-84	1	1.9%
85+	1	1.9%
UNKNOWN	0	0.0%
<b>TOTAL</b>	<b>52</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

		PERCENT
OTHER/UNKN	0	0.0%
NONE	2	3.8%
VERY MINOR	7	13.5%
MINOR	8	15.4%
MODERATE	28	53.8%
SEVERE	4	7.7%
VERY SEVERE	3	5.8%
<b>TOTAL</b>	<b>52</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

<b>AVERAGE NUMBER OF VEHICLES PER CRASH</b>	<b>1.9</b>
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Old Sauk-Mineral Point
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	0	1	1	4	0	0	0	6	Weekday
TUESDAY	0	0	2	2	0	0	0	4	
WEDNESDAY	0	0	1	1	0	0	0	2	
THURSDAY	0	7	1	2	0	0	0	10	
FRIDAY	0	0	2	2	1	0	0	5	
<b>SATURDAY</b>	0	0	0	0	1	1	0	2	Weekend
SUNDAY	0	1	0	0	0	0	0	1	
<b>TOTAL</b>	0	9	7	11	2	1	0	30	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	0	0	4	0	0	0	4	Weekday
TUESDAY	0	0	0	2	0	0	0	2	
WEDNESDAY	0	0	0	0	0	0	0	0	
THURSDAY	0	2	0	1	0	0	0	3	
FRIDAY	0	0	1	1	1	0	0	3	
<b>SATURDAY</b>	0	0	0	0	1	1	0	2	Weekend
SUNDAY	0	0	0	0	0	0	0	0	
<b>TOTAL</b>	0	2	1	8	2	1	0	14	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	1	1	0	0	0	0	2	Weekday
TUESDAY	0	0	2	0	0	0	0	2	
WEDNESDAY	0	0	1	1	0	0	0	2	
THURSDAY	0	5	1	1	0	0	0	7	
FRIDAY	0	0	1	1	0	0	0	2	
<b>SATURDAY</b>	0	0	0	0	0	0	0	0	Weekend
SUNDAY	0	1	0	0	0	0	0	1	
<b>TOTAL</b>	0	7	6	3	0	0	0	16	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Mineral Point-Gammon
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	8	2	0	0	0	10
2009	14	0	0	0	0	14
2010	5	2	0	2	0	9
2011	8	3	1	2	0	14
2012	25	7	2	0	0	34
<b>TOTAL</b>	<b>60</b>	<b>14</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>81</b>
<b>PERCENT</b>	<b>74.1%</b>	<b>17.3%</b>	<b>3.7%</b>	<b>4.9%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>12.0</b>	<b>2.8</b>	<b>0.6</b>	<b>0.8</b>	<b>0.0</b>	<b>16.2</b>

## BY MONTH

	PERCENT	
JANUARY	9 11.1%	1
FEBRUARY	4 4.9%	2
MARCH	5 6.2%	3
APRIL	5 6.2%	4
MAY	10 12.3%	5
JUNE	5 6.2%	6
JULY	2 2.5%	7
AUGUST	4 4.9%	8
SEPTEMBER	14 17.3%	9
OCTOBER	4 4.9%	10
NOVEMBER	4 4.9%	11
DECEMBER	15 18.5%	12
<b>TOTAL</b>	<b>81 100.0%</b>	

## BY DIRECTION

	PERCENT	
EASTBOUND	30 37.0%	E
WESTBOUND	51 63.0%	W
NORTHBOUND	0 0.0%	N
SOUTHBOUND	0 0.0%	S

## CURVATURE

	PERCENT	
HORIZONTAL	13 16.0%	C
VERTICAL	7 8.6%	H

## ROAD CONDITIONS

	PERCENT
DRY	61 75.3%
WET	4 4.9%
SNOW	16 19.8%
ICE	0 0.0%
MUD	0 0.0%
OTHER/UNKN	0 0.0%
<b>TOTAL</b>	<b>81 100.0%</b>

## CRASH TYPE

	PERCENT
ANGLE	0 0.0%
REAR-END	25 32.1%
HEAD-ON	0 0.0%
SS-SAME	26 33.3%
SS-OPPOSITE	1 1.3%
PEDESTRIAN	0 0.0%
BICYCLE	0 0.0%
FIXED	19 24.4%
NOT FIXED	1 1.3%
OVERTURN	3 3.8%
OTHER/UNKN	3 3.8%
<b>TOTAL</b>	<b>78 100.0%</b>

## CRASH RATES

	per HMVMT
CRASH RATE	60.18
INJURY CRASH RATE	15.60
FATAL CRASH RATE	0.00

AADT	60,450
Distance	1.22

## BY SEASON

	PERCENT
SPRING	20 24.7%
SUMMER	20 24.7%
FALL	23 28.4%
WINTER	18 22.2%
<b>TOTAL</b>	<b>81 100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	1
PERCENTAGE OF TOTAL	1.23%

## LIGHT CONDITIONS

	PERCENT
DAY	59 72.8%
DARK	22 27.2%
<b>TOTAL</b>	<b>81 100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

	PERCENT
CAR	112 81.8%
TRUCK	24 17.5%
OTHER/UNKN	1 0.7%
<b>TOTAL</b>	<b>137 100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

	PERCENT
<25	27 19.7%
25-34	32 23.4%
35-44	27 19.7%
45-54	21 15.3%
55-64	19 13.9%
65-74	4 2.9%
75-84	4 2.9%
85+	1 0.7%
UNKNOWN	2 1.5%
<b>TOTAL</b>	<b>137 100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

	PERCENT
OTHER/UNKN	1 0.7%
NONE	3 2.2%
VERY MINOR	7 5.1%
MINOR	38 27.7%
MODERATE	55 40.1%
SEVERE	22 16.1%
VERY SEVERE	11 8.0%
<b>TOTAL</b>	<b>137 100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

**AVERAGE NUMBER OF VEHICLES PER CRASH** 1.8

Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Mineral Point-Gammon
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	3	1	0	3	2	0	0	9	Weekday
TUESDAY	0	7	2	4	1	0	0	14	
WEDNESDAY	0	4	0	17	2	0	0	23	
THURSDAY	0	2	2	6	2	3	0	15	
FRIDAY	0	1	0	5	1	0	0	7	
<b>SATURDAY</b>	0	0	3	1	1	2	0	7	Weekend
SUNDAY	0	2	3	1	0	0	0	6	
<b>TOTAL</b>	3	17	10	37	9	5	0	81	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	1	1	0	1	0	0	0	3	Weekday
TUESDAY	0	1	0	2	1	0	0	4	
WEDNESDAY	0	0	0	5	2	0	0	7	
THURSDAY	0	1	0	4	2	1	0	8	
FRIDAY	0	1	0	1	1	0	0	3	
<b>SATURDAY</b>	0	0	1	1	1	0	0	3	Weekend
SUNDAY	0	0	1	1	0	0	0	2	
<b>TOTAL</b>	1	4	2	15	7	1	0	30	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	2	0	0	2	2	0	0	6	Weekday
TUESDAY	0	6	2	2	0	0	0	10	
WEDNESDAY	0	4	0	12	0	0	0	16	
THURSDAY	0	1	2	2	0	2	0	7	
FRIDAY	0	0	0	4	0	0	0	4	
<b>SATURDAY</b>	0	0	2	0	0	2	0	4	Weekend
SUNDAY	0	2	2	0	0	0	0	4	
<b>TOTAL</b>	2	13	8	22	2	4	0	51	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Gammon-Whitney Way
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	15	4	5	0	0	24
2009	14	6	1	1	0	22
2010	16	8	3	0	0	27
2011	18	0	3	0	0	21
2012	32	7	1	1	0	41
<b>TOTAL</b>	<b>95</b>	<b>25</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>135</b>
<b>PERCENT</b>	<b>70.4%</b>	<b>18.5%</b>	<b>9.6%</b>	<b>1.5%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>19.0</b>	<b>5.0</b>	<b>2.6</b>	<b>0.4</b>	<b>0.0</b>	<b>27.0</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	18	13.3%
FEBRUARY	5	3.7%
MARCH	7	5.2%
APRIL	7	5.2%
MAY	16	11.9%
JUNE	11	8.1%
JULY	6	4.4%
AUGUST	7	5.2%
SEPTEMBER	6	4.4%
OCTOBER	9	6.7%
NOVEMBER	14	10.4%
DECEMBER	29	21.5%
<b>TOTAL</b>	<b>135</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	82	60.7%
WESTBOUND	53	39.3%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	6	4.4%
VERTICAL	24	17.8%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT
DRY	107
WET	22
SNOW	6
ICE	0
MUD	0
OTHER/UNKN	0
<b>TOTAL</b>	<b>135</b>

## CRASH TYPE

CRASH TYPE	PERCENT
ANGLE	2
REAR-END	97
HEAD-ON	0
SS-SAME	14
SS-OPPOSITE	1
PEDESTRIAN	0
BICYCLE	0
FIXED	14
NOT FIXED	0
OVERTURN	2
OTHER/UNKN	5
<b>TOTAL</b>	<b>135</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	61.47
INJURY CRASH RATE	18.21
FATAL CRASH RATE	0.00

AADT	74,280
Distance	1.62

## BY SEASON

SEASON	PERCENT
SPRING	34
SUMMER	19
FALL	52
WINTER	30
<b>TOTAL</b>	<b>135</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	3
PERCENTAGE OF TOTAL	2.22%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT
DAY	89
DARK	46
<b>TOTAL</b>	<b>135</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT
CAR	215
TRUCK	30
OTHER/UNKN	4
<b>TOTAL</b>	<b>249</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT
<25	60
25-34	68
35-44	44
45-54	37
55-64	25
65-74	8
75-84	3
85+	0
UNKNOWN	4
<b>TOTAL</b>	<b>249</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT
OTHER/UNKN	5
NONE	6
VERY MINOR	32
MINOR	68
MODERATE	92
SEVERE	39
VERY SEVERE	7
<b>TOTAL</b>	<b>249</b>

Note: Statistics based on first and second vehicles in crashes.

**AVERAGE NUMBER OF VEHICLES PER CRASH** 2.1

Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Gammon-Whitney Way
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	2	3	5	3	1	0	0	14	Weekday
TUESDAY	1	6	4	11	4	1	0	27	
WEDNESDAY	0	5	1	11	8	2	0	27	
THURSDAY	0	1	1	14	1	1	0	18	
FRIDAY	1	9	2	8	2	0	0	22	
<b>SATURDAY</b>	0	0	6	7	0	1	0	14	Weekend
SUNDAY	3	0	3	4	1	2	0	13	
<b>TOTAL</b>	7	24	22	58	17	7	0	135	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	1	2	0	1	1	0	0	5	Weekday
TUESDAY	0	6	2	10	2	0	0	20	
WEDNESDAY	0	3	1	7	7	1	0	19	
THURSDAY	0	1	0	14	1	1	0	17	
FRIDAY	1	5	0	5	2	0	0	13	
<b>SATURDAY</b>	0	0	1	0	0	0	0	1	Weekend
SUNDAY	3	0	0	3	0	1	0	7	
<b>TOTAL</b>	5	17	4	40	13	3	0	82	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	1	1	5	2	0	0	0	9	Weekday
TUESDAY	1	0	2	1	2	1	0	7	
WEDNESDAY	0	2	0	4	1	1	0	8	
THURSDAY	0	0	1	0	0	0	0	1	
FRIDAY	0	4	2	3	0	0	0	9	
<b>SATURDAY</b>	0	0	5	7	0	1	0	13	Weekend
SUNDAY	0	0	3	1	1	1	0	6	
<b>TOTAL</b>	2	7	18	18	4	4	0	53	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Whitney Way-Verona
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	17	6	0	3	0	26
2009	20	3	1	1	0	25
2010	27	3	1	0	0	31
2011	28	5	3	1	0	37
2012	32	6	2	0	0	40
<b>TOTAL</b>	<b>124</b>	<b>23</b>	<b>7</b>	<b>5</b>	<b>0</b>	<b>159</b>
<b>PERCENT</b>	<b>78.0%</b>	<b>14.5%</b>	<b>4.4%</b>	<b>3.1%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>24.8</b>	<b>4.6</b>	<b>1.4</b>	<b>1.0</b>	<b>0.0</b>	<b>31.8</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	18	11.3%
FEBRUARY	24	15.1%
MARCH	7	4.4%
APRIL	8	5.0%
MAY	11	6.9%
JUNE	10	6.3%
JULY	7	4.4%
AUGUST	13	8.2%
SEPTEMBER	8	5.0%
OCTOBER	9	5.7%
NOVEMBER	19	11.9%
DECEMBER	25	15.7%
<b>TOTAL</b>	<b>159</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	87	54.7%
WESTBOUND	72	45.3%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	4	2.5%
VERTICAL	33	20.8%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT	
DRY	105	66.0%
WET	31	19.5%
SNOW	23	14.5%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>159</b>	<b>100.0%</b>

## CRASH TYPE

CRASH TYPE	PERCENT	
ANGLE	3	1.9%
REAR-END	96	60.4%
HEAD-ON	1	0.6%
SS-SAME	23	14.5%
SS-OPPOSITE	1	0.6%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	31	19.5%
NOT FIXED	1	0.6%
OVERTURN	1	0.6%
OTHER/UNKN	2	1.3%
<b>TOTAL</b>	<b>159</b>	<b>100.0%</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	75.86
INJURY CRASH RATE	16.70
FATAL CRASH RATE	0.00

AADT	92,620
Distance	1.24

## BY SEASON

SEASON	PERCENT	
SPRING	29	18.2%
SUMMER	28	17.6%
FALL	53	33.3%
WINTER	49	30.8%
<b>TOTAL</b>	<b>159</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	6
PERCENTAGE OF TOTAL	3.77%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT	
DAY	99	62.3%
DARK	60	37.7%
<b>TOTAL</b>	<b>159</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT	
CAR	240	84.5%
TRUCK	40	14.1%
OTHER/UNKN	4	1.4%
<b>TOTAL</b>	<b>284</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT	
<25	72	25.4%
25-34	72	25.4%
35-44	42	14.8%
45-54	44	15.5%
55-64	32	11.3%
65-74	8	2.8%
75-84	2	0.7%
85+	0	0.0%
UNKNOWN	12	4.2%
<b>TOTAL</b>	<b>284</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT	
OTHER/UNKN	11	3.9%
NONE	4	1.4%
VERY MINOR	36	12.7%
MINOR	64	22.5%
MODERATE	114	40.1%
SEVERE	43	15.1%
VERY SEVERE	12	4.2%
<b>TOTAL</b>	<b>284</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

AVERAGE NUMBER OF VEHICLES PER CRASH	2.0
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Whitney Way-Verona
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	2	8	2	3	2	1	0	18	Weekday
TUESDAY	0	9	6	10	4	1	0	30	
WEDNESDAY	2	10	2	14	1	2	0	31	
THURSDAY	0	4	2	9	3	1	0	19	
FRIDAY	2	6	3	12	5	0	0	28	
<b>SATURDAY</b>	3	2	3	5	2	3	0	18	Weekend
SUNDAY	1	1	1	7	3	2	0	15	
<b>TOTAL</b>	10	40	19	60	20	10	0	159	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	2	2	1	1	0	0	6	Weekday
TUESDAY	0	3	2	9	4	0	0	18	
WEDNESDAY	1	5	1	11	1	1	0	20	
THURSDAY	0	1	1	7	1	1	0	11	
FRIDAY	0	3	2	12	3	0	0	20	
<b>SATURDAY</b>	1	1	2	1	0	2	0	7	Weekend
SUNDAY	1	0	0	1	2	1	0	5	
<b>TOTAL</b>	3	15	10	42	12	5	0	87	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	2	6	0	2	1	1	0	12	Weekday
TUESDAY	0	6	4	1	0	1	0	12	
WEDNESDAY	1	5	1	3	0	1	0	11	
THURSDAY	0	3	1	2	2	0	0	8	
FRIDAY	2	3	1	0	2	0	0	8	
<b>SATURDAY</b>	2	1	1	4	2	1	0	11	Weekend
SUNDAY	0	1	1	6	1	1	0	10	
<b>TOTAL</b>	7	25	9	18	8	5	0	72	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Verona-Todd
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	50	9	4	0	0	63
2009	58	14	5	2	0	79
2010	55	8	3	1	0	67
2011	64	20	1	1	0	86
2012	70	22	8	1	0	101
<b>TOTAL</b>	<b>297</b>	<b>73</b>	<b>21</b>	<b>5</b>	<b>0</b>	<b>396</b>
<b>PERCENT</b>	<b>75.0%</b>	<b>18.4%</b>	<b>5.3%</b>	<b>1.3%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>59.4</b>	<b>14.6</b>	<b>4.2</b>	<b>1.0</b>	<b>0.0</b>	<b>79.2</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	12.6%	1
FEBRUARY	6.6%	2
MARCH	6.1%	3
APRIL	7.6%	4
MAY	10.4%	5
JUNE	4.8%	6
JULY	7.8%	7
AUGUST	8.6%	8
SEPTEMBER	6.6%	9
OCTOBER	6.3%	10
NOVEMBER	11.4%	11
DECEMBER	11.4%	12
<b>TOTAL</b>	<b>100.0%</b>	

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	53.3%	E
WESTBOUND	46.7%	W
NORTHBOUND	0.0%	N
SOUTHBOUND	0.0%	S

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	5.3%	C
VERTICAL	17.4%	H

## ROAD CONDITIONS

ROAD CONDITION	PERCENT
DRY	70.2%
WET	19.7%
SNOW	10.1%
ICE	0.0%
MUD	0.0%
OTHER/UNKN	0.0%
<b>TOTAL</b>	<b>100.0%</b>

## CRASH TYPE

CRASH TYPE	PERCENT
ANGLE	3.0%
REAR-END	64.2%
HEAD-ON	1.0%
SS-SAME	14.2%
SS-OPPOSITE	0.8%
PEDESTRIAN	0.0%
BICYCLE	0.0%
FIXED	15.5%
NOT FIXED	0.5%
OVERTURN	0.0%
OTHER/UNKN	0.8%
<b>TOTAL</b>	<b>100.0%</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	113.26
INJURY CRASH RATE	28.32
FATAL CRASH RATE	0.00

AADT	122,807
Distance	1.56

## BY SEASON

SEASON	PERCENT
SPRING	22.7%
SUMMER	23.0%
FALL	29.0%
WINTER	25.3%
<b>TOTAL</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	13
PERCENTAGE OF TOTAL	3.28%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT
DAY	72.0%
DARK	28.0%
<b>TOTAL</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT
CAR	83.8%
TRUCK	14.9%
OTHER/UNKN	1.2%
<b>TOTAL</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT
<25	23.2%
25-34	26.9%
35-44	15.8%
45-54	14.9%
55-64	11.1%
65-74	2.3%
75-84	1.1%
85+	0.1%
UNKNOWN	4.5%
<b>TOTAL</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT
OTHER/UNKN	4.2%
NONE	2.0%
VERY MINOR	9.7%
MINOR	28.1%
MODERATE	38.4%
SEVERE	13.4%
VERY SEVERE	4.1%
<b>TOTAL</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

<b>AVERAGE NUMBER OF VEHICLES PER CRASH</b>	<b>2.1</b>
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Verona-Todd
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	0	10	6	25	6	1	0	48	Weekday
TUESDAY	2	18	8	39	8	2	0	77	
WEDNESDAY	1	23	7	40	11	3	0	85	
THURSDAY	0	8	9	36	5	2	0	60	
FRIDAY	1	14	7	51	3	3	0	79	
<b>SATURDAY</b>	3	5	9	7	4	2	0	30	Weekend
SUNDAY	1	3	3	3	4	3	0	17	
<b>TOTAL</b>	8	81	49	201	41	16	0	396	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	5	3	12	2	0	0	22	Weekday
TUESDAY	0	9	4	22	6	2	0	43	
WEDNESDAY	0	13	4	24	7	0	0	48	
THURSDAY	0	6	5	27	3	0	0	41	
FRIDAY	0	5	2	33	2	1	0	43	
<b>SATURDAY</b>	2	1	3	3	0	0	0	9	Weekend
SUNDAY	0	1	1	0	2	1	0	5	
<b>TOTAL</b>	2	40	22	121	22	4	0	211	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	5	3	13	4	1	0	26	Weekday
TUESDAY	2	9	4	17	2	0	0	34	
WEDNESDAY	1	10	3	16	4	3	0	37	
THURSDAY	0	2	4	9	2	2	0	19	
FRIDAY	1	9	5	18	1	2	0	36	
<b>SATURDAY</b>	1	4	6	4	4	2	0	21	Weekend
SUNDAY	1	2	2	3	2	2	0	12	
<b>TOTAL</b>	6	41	27	80	19	12	0	185	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Todd-Fish Hatchery
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	21	8	6	3	0	38
2009	29	13	5	0	0	47
2010	30	9	6	1	1	47
2011	27	5	3	0	0	35
2012	43	8	2	0	0	53
<b>TOTAL</b>	<b>150</b>	<b>43</b>	<b>22</b>	<b>4</b>	<b>1</b>	<b>220</b>
<b>PERCENT</b>	<b>68.2%</b>	<b>19.5%</b>	<b>10.0%</b>	<b>1.8%</b>	<b>0.5%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>30.0</b>	<b>8.6</b>	<b>4.4</b>	<b>0.8</b>	<b>0.2</b>	<b>44.0</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	18	8.2%
FEBRUARY	16	7.3%
MARCH	7	3.2%
APRIL	19	8.6%
MAY	20	9.1%
JUNE	22	10.0%
JULY	15	6.8%
AUGUST	23	10.5%
SEPTEMBER	13	5.9%
OCTOBER	25	11.4%
NOVEMBER	18	8.2%
DECEMBER	24	10.9%
<b>TOTAL</b>	<b>220</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	119	54.1%
WESTBOUND	101	45.9%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	18	8.2%
VERTICAL	28	12.7%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT	
DRY	169	76.8%
WET	37	16.8%
SNOW	14	6.4%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>220</b>	<b>100.0%</b>

## CRASH TYPE

CRASH TYPE	PERCENT	
ANGLE	8	3.6%
REAR-END	133	59.9%
HEAD-ON	3	1.4%
SS-SAME	34	15.3%
SS-OPPOSITE	2	0.9%
PEDESTRIAN	2	0.9%
BICYCLE	0	0.0%
FIXED	35	15.8%
NOT FIXED	0	0.0%
OVERTURN	2	0.9%
OTHER/UNKN	3	1.4%
<b>TOTAL</b>	<b>222</b>	<b>100.0%</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	122.89
INJURY CRASH RATE	38.54
FATAL CRASH RATE	0.56

AADT	121,100
Distance	0.81

## BY SEASON

SEASON	PERCENT	
SPRING	61	27.7%
SUMMER	51	23.2%
FALL	67	30.5%
WINTER	41	18.6%
<b>TOTAL</b>	<b>220</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	12
PERCENTAGE OF TOTAL	5.45%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT	
DAY	144	65.5%
DARK	76	34.5%
<b>TOTAL</b>	<b>220</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT	
CAR	346	86.7%
TRUCK	42	10.5%
OTHER/UNKN	11	2.8%
<b>TOTAL</b>	<b>399</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT	
<25	85	21.2%
25-34	112	27.9%
35-44	74	18.5%
45-54	61	15.2%
55-64	37	9.2%
65-74	12	3.0%
75-84	2	0.5%
85+	4	1.0%
UNKNOWN	14	3.5%
<b>TOTAL</b>	<b>401</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT	
OTHER/UNKN	16	4.0%
NONE	13	3.3%
VERY MINOR	52	13.0%
MINOR	110	27.6%
MODERATE	142	35.6%
SEVERE	44	11.0%
VERY SEVERE	22	5.5%
<b>TOTAL</b>	<b>399</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

AVERAGE NUMBER OF VEHICLES PER CRASH	2.1
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Todd-Fish Hatchery
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	2	11	3	14	3	1	0	34	Weekday
TUESDAY	0	5	1	21	4	3	0	34	
WEDNESDAY	1	14	2	18	4	3	0	42	
THURSDAY	1	4	4	22	7	2	0	40	
FRIDAY	0	5	3	28	5	5	0	46	
<b>SATURDAY</b>	5	0	2	3	3	2	0	15	Weekend
SUNDAY	1	0	2	2	2	2	0	9	
<b>TOTAL</b>	<b>10</b>	<b>39</b>	<b>17</b>	<b>108</b>	<b>28</b>	<b>18</b>	<b>0</b>	<b>220</b>	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	2	4	2	10	2	0	0	20	Weekday
TUESDAY	0	1	0	14	3	2	0	20	
WEDNESDAY	1	8	0	10	3	1	0	23	
THURSDAY	1	2	1	11	5	1	0	21	
FRIDAY	0	1	1	15	1	4	0	22	
<b>SATURDAY</b>	2	0	1	2	3	1	0	9	Weekend
SUNDAY	1	0	0	1	1	1	0	4	
<b>TOTAL</b>	<b>7</b>	<b>16</b>	<b>5</b>	<b>63</b>	<b>18</b>	<b>10</b>	<b>0</b>	<b>119</b>	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	7	1	4	1	1	0	14	Weekday
TUESDAY	0	4	1	7	1	1	0	14	
WEDNESDAY	0	6	2	8	1	2	0	19	
THURSDAY	0	2	3	11	2	1	0	19	
FRIDAY	0	4	2	13	4	1	0	24	
<b>SATURDAY</b>	3	0	1	1	0	1	0	6	Weekend
SUNDAY	0	0	2	1	1	1	0	5	
<b>TOTAL</b>	<b>3</b>	<b>23</b>	<b>12</b>	<b>45</b>	<b>10</b>	<b>8</b>	<b>0</b>	<b>101</b>	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Fish Hatchery-Park
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	24	8	6	1	0	39
2009	38	10	4	1	0	53
2010	23	3	2	1	1	30
2011	25	11	3	1	0	40
2012	26	7	1	0	0	34
<b>TOTAL</b>	<b>136</b>	<b>39</b>	<b>16</b>	<b>4</b>	<b>1</b>	<b>196</b>
<b>PERCENT</b>	<b>69.4%</b>	<b>19.9%</b>	<b>8.2%</b>	<b>2.0%</b>	<b>0.5%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>27.2</b>	<b>7.8</b>	<b>3.2</b>	<b>0.8</b>	<b>0.2</b>	<b>39.2</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	19	9.7%
FEBRUARY	14	7.1%
MARCH	10	5.1%
APRIL	9	4.6%
MAY	15	7.7%
JUNE	15	7.7%
JULY	17	8.7%
AUGUST	16	8.2%
SEPTEMBER	22	11.2%
OCTOBER	15	7.7%
NOVEMBER	22	11.2%
DECEMBER	22	11.2%
<b>TOTAL</b>	<b>196</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	64	32.7%
WESTBOUND	132	67.3%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	30	15.3%
VERTICAL	33	16.8%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT	
DRY	144	73.5%
WET	30	15.3%
SNOW	22	11.2%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>196</b>	<b>100.0%</b>

## CRASH TYPE

CRASH TYPE	PERCENT	
ANGLE	10	5.2%
REAR-END	112	58.0%
HEAD-ON	2	1.0%
SS-SAME	25	13.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	1	0.5%
FIXED	31	16.1%
NOT FIXED	2	1.0%
OVERTURN	3	1.6%
OTHER/UNKN	7	3.6%
<b>TOTAL</b>	<b>193</b>	<b>100.0%</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	127.13
INJURY CRASH RATE	38.27
FATAL CRASH RATE	0.65

AADT	128,000
Distance	0.66

## BY SEASON

SEASON	PERCENT	
SPRING	39	19.9%
SUMMER	55	28.1%
FALL	59	30.1%
WINTER	43	21.9%
<b>TOTAL</b>	<b>196</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	4
PERCENTAGE OF TOTAL	2.04%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT	
DAY	125	63.8%
DARK	71	36.2%
<b>TOTAL</b>	<b>196</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT	
CAR	301	84.8%
TRUCK	45	12.7%
OTHER/UNKN	9	2.5%
<b>TOTAL</b>	<b>355</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT	
<25	69	19.4%
25-34	113	31.8%
35-44	61	17.2%
45-54	61	17.2%
55-64	29	8.2%
65-74	6	1.7%
75-84	2	0.6%
85+	2	0.6%
UNKNOWN	12	3.4%
<b>TOTAL</b>	<b>355</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT	
OTHER/UNKN	10	2.8%
NONE	13	3.7%
VERY MINOR	37	10.4%
MINOR	87	24.5%
MODERATE	149	42.0%
SEVERE	41	11.5%
VERY SEVERE	18	5.1%
<b>TOTAL</b>	<b>355</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

<b>AVERAGE NUMBER OF VEHICLES PER CRASH</b>	<b>2.0</b>
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Fish Hatchery-Park
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	1	8	2	8	4	1	0	24	Weekday
TUESDAY	1	7	5	18	6	0	0	37	
WEDNESDAY	1	6	1	15	6	2	0	31	
THURSDAY	0	10	9	20	6	1	0	46	
FRIDAY	2	7	5	14	5	2	0	35	
<b>SATURDAY</b>	0	5	0	4	3	0	0	12	Weekend
SUNDAY	0	1	3	0	4	3	0	11	
<b>TOTAL</b>	5	44	25	79	34	9	0	196	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	1	1	1	4	2	0	0	9	Weekday
TUESDAY	1	1	2	8	2	0	0	14	
WEDNESDAY	1	0	1	4	2	0	0	8	
THURSDAY	0	4	4	4	1	1	0	14	
FRIDAY	0	1	3	5	2	0	0	11	
<b>SATURDAY</b>	0	1	0	2	1	0	0	4	Weekend
SUNDAY	0	1	1	0	2	0	0	4	
<b>TOTAL</b>	3	9	12	27	12	1	0	64	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	7	1	4	2	1	0	15	Weekday
TUESDAY	0	6	3	10	4	0	0	23	
WEDNESDAY	0	6	0	11	4	2	0	23	
THURSDAY	0	6	5	16	5	0	0	32	
FRIDAY	2	6	2	9	3	2	0	24	
<b>SATURDAY</b>	0	4	0	2	2	0	0	8	Weekend
SUNDAY	0	0	2	0	2	3	0	7	
<b>TOTAL</b>	2	35	13	52	22	8	0	132	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Park-Rimrock
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	32	5	7	0	0	44
2009	32	7	5	1	0	45
2010	37	8	2	1	0	48
2011	30	4	6	1	0	41
2012	27	7	2	2	0	38
<b>TOTAL</b>	<b>158</b>	<b>31</b>	<b>22</b>	<b>5</b>	<b>0</b>	<b>216</b>
<b>PERCENT</b>	<b>73.1%</b>	<b>14.4%</b>	<b>10.2%</b>	<b>2.3%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>31.6</b>	<b>6.2</b>	<b>4.4</b>	<b>1.0</b>	<b>0.0</b>	<b>43.2</b>

## BY MONTH PERCENT

MONTH	PERCENT	
JANUARY	15	6.9%
FEBRUARY	27	12.5%
MARCH	12	5.6%
APRIL	14	6.5%
MAY	16	7.4%
JUNE	15	6.9%
JULY	15	6.9%
AUGUST	20	9.3%
SEPTEMBER	26	12.0%
OCTOBER	15	6.9%
NOVEMBER	22	10.2%
DECEMBER	19	8.8%
<b>TOTAL</b>	<b>216</b>	<b>100.0%</b>

## BY DIRECTION PERCENT

DIRECTION	PERCENT	
EASTBOUND	116	53.7%
WESTBOUND	100	46.3%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE PERCENT

CURVATURE	PERCENT	
HORIZONTAL	11	5.1%
VERTICAL	34	15.7%

## ROAD CONDITIONS PERCENT

ROAD CONDITION	PERCENT	
DRY	176	81.5%
WET	20	9.3%
SNOW	20	9.3%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>216</b>	<b>100.0%</b>

## CRASH TYPE PERCENT

CRASH TYPE	PERCENT	
ANGLE	8	3.7%
REAR-END	133	60.7%
HEAD-ON	1	0.5%
SS-SAME	37	16.9%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	34	15.5%
NOT FIXED	2	0.9%
OVERTURN	1	0.5%
OTHER/UNKN	3	1.4%
<b>TOTAL</b>	<b>219</b>	<b>100.0%</b>

## CRASH RATES per HMVMT

CRASH RATE	111.26
INJURY CRASH RATE	29.88
FATAL CRASH RATE	0.00

AADT	125,150
Distance	0.85

## BY SEASON PERCENT

SEASON	PERCENT	
SPRING	45	20.8%
SUMMER	61	28.2%
FALL	56	25.9%
WINTER	54	25.0%
<b>TOTAL</b>	<b>216</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	7
PERCENTAGE OF TOTAL	3.24%

## LIGHT CONDITIONS PERCENT

LIGHT CONDITION	PERCENT	
DAY	159	73.6%
DARK	57	26.4%
<b>TOTAL</b>	<b>216</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES PERCENT

VEHICLE TYPE	PERCENT	
CAR	333	83.5%
TRUCK	63	15.8%
OTHER/UNKN	3	0.8%
<b>TOTAL</b>	<b>399</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES PERCENT

DRIVER AGE	PERCENT	
<25	96	24.1%
25-34	107	26.8%
35-44	63	15.8%
45-54	65	16.3%
55-64	47	11.8%
65-74	10	2.5%
75-84	3	0.8%
85+	1	0.3%
UNKNOWN	7	1.8%
<b>TOTAL</b>	<b>399</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE PERCENT

VEHICLE DAMAGE	PERCENT	
OTHER/UNKN	7	1.8%
NONE	8	2.0%
VERY MINOR	28	7.0%
MINOR	114	28.6%
MODERATE	159	39.8%
SEVERE	62	15.5%
VERY SEVERE	21	5.3%
<b>TOTAL</b>	<b>399</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

<b>AVERAGE NUMBER OF VEHICLES PER CRASH</b>	<b>2.1</b>
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Park-Rimrock
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL
	MORNING	PEAK		PEAK		EVENING		
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM		
	TO	TO	TO	TO	TO	TO		
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM		
<b>MONDAY</b>	1	8	4	16	1	1	0	31
TUESDAY	2	6	4	21	3	1	0	37
WEDNESDAY	0	6	5	21	4	0	0	36
THURSDAY	1	6	5	22	1	4	0	39
FRIDAY	0	7	5	22	9	3	0	46
<b>SATURDAY</b>	0	7	4	6	1	3	0	21
SUNDAY	0	0	2	2	2	0	0	6
<b>TOTAL</b>	4	40	29	110	21	12	0	216

Weekday

Weekend

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL
<b>MONDAY</b>	1	3	2	8	0	0	0	14
TUESDAY	1	2	3	10	2	0	0	18
WEDNESDAY	0	2	1	12	1	0	0	16
THURSDAY	1	3	3	14	1	2	0	24
FRIDAY	0	3	3	13	6	3	0	28
<b>SATURDAY</b>	0	4	1	4	1	1	0	11
SUNDAY	0	0	2	2	1	0	0	5
<b>TOTAL</b>	3	17	15	63	12	6	0	116

Weekday

Weekend

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL
<b>MONDAY</b>	0	5	2	8	1	1	0	17
TUESDAY	1	4	1	11	1	1	0	19
WEDNESDAY	0	4	4	9	3	0	0	20
THURSDAY	0	3	2	8	0	2	0	15
FRIDAY	0	4	2	9	3	0	0	18
<b>SATURDAY</b>	0	3	3	2	0	2	0	10
SUNDAY	0	0	0	0	1	0	0	1
<b>TOTAL</b>	1	23	14	47	9	6	0	100

Weekday

Weekend

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Rimrock-John Nolen
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	22	1	3	0	0	26
2009	11	6	2	0	0	19
2010	25	1	1	1	0	28
2011	21	1	5	0	0	27
2012	21	7	2	2	0	32
<b>TOTAL</b>	<b>100</b>	<b>16</b>	<b>13</b>	<b>3</b>	<b>0</b>	<b>132</b>
<b>PERCENT</b>	<b>75.8%</b>	<b>12.1%</b>	<b>9.8%</b>	<b>2.3%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>20.0</b>	<b>3.2</b>	<b>2.6</b>	<b>0.6</b>	<b>0.0</b>	<b>26.4</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	19	14.4%
FEBRUARY	9	6.8%
MARCH	7	5.3%
APRIL	11	8.3%
MAY	7	5.3%
JUNE	8	6.1%
JULY	11	8.3%
AUGUST	9	6.8%
SEPTEMBER	13	9.8%
OCTOBER	12	9.1%
NOVEMBER	10	7.6%
DECEMBER	16	12.1%
<b>TOTAL</b>	<b>132</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	90	68.2%
WESTBOUND	42	31.8%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	15	11.4%
VERTICAL	18	13.6%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT	
DRY	104	78.8%
WET	13	9.8%
SNOW	15	11.4%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>132</b>	<b>100.0%</b>

## CRASH TYPE

CRASH TYPE	PERCENT	
ANGLE	3	2.3%
REAR-END	80	60.2%
HEAD-ON	0	0.0%
SS-SAME	20	15.0%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	26	19.5%
NOT FIXED	0	0.0%
OVERTURN	1	0.8%
OTHER/UNKN	3	2.3%
<b>TOTAL</b>	<b>133</b>	<b>100.0%</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	156.17
INJURY CRASH RATE	37.86
FATAL CRASH RATE	0.00

AADT	102,920
Distance	0.45

## BY SEASON

SEASON	PERCENT	
SPRING	26	19.7%
SUMMER	33	25.0%
FALL	38	28.8%
WINTER	35	26.5%
<b>TOTAL</b>	<b>132</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	6
PERCENTAGE OF TOTAL	4.55%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT	
DAY	88	66.7%
DARK	44	33.3%
<b>TOTAL</b>	<b>132</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT	
CAR	193	81.8%
TRUCK	41	17.4%
OTHER/UNKN	2	0.8%
<b>TOTAL</b>	<b>236</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT	
<25	68	28.7%
25-34	50	21.1%
35-44	44	18.6%
45-54	41	17.3%
55-64	17	7.2%
65-74	9	3.8%
75-84	2	0.8%
85+	0	0.0%
UNKNOWN	6	2.5%
<b>TOTAL</b>	<b>237</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT	
OTHER/UNKN	8	3.4%
NONE	5	2.1%
VERY MINOR	23	9.7%
MINOR	77	32.6%
MODERATE	91	38.6%
SEVERE	22	9.3%
VERY SEVERE	10	4.2%
<b>TOTAL</b>	<b>236</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

AVERAGE NUMBER OF VEHICLES PER CRASH	2.0
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Rimrock-John Nolen
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM			
	TO	TO	TO	TO	TO	TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	0	8	2	8	6	1	0	25	Weekday
TUESDAY	0	4	2	9	1	0	0	16	
WEDNESDAY	0	1	1	21	1	1	0	25	
THURSDAY	1	3	3	9	1	0	0	17	
FRIDAY	0	2	1	18	2	2	0	25	
<b>SATURDAY</b>	0	5	0	4	2	2	0	13	Weekend
SUNDAY	4	1	2	2	0	2	0	11	
<b>TOTAL</b>	5	24	11	71	13	8	0	132	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	2	0	7	1	0	0	10	Weekday
TUESDAY	0	3	2	5	1	0	0	11	
WEDNESDAY	0	0	0	19	1	1	0	21	
THURSDAY	1	1	3	9	0	0	0	14	
FRIDAY	0	2	1	13	2	2	0	20	
<b>SATURDAY</b>	0	0	0	3	2	1	0	6	Weekend
SUNDAY	4	1	1	1	0	1	0	8	
<b>TOTAL</b>	5	9	7	57	7	5	0	90	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	6	2	1	5	1	0	15	Weekday
TUESDAY	0	1	0	4	0	0	0	5	
WEDNESDAY	0	1	1	2	0	0	0	4	
THURSDAY	0	2	0	0	1	0	0	3	
FRIDAY	0	0	0	5	0	0	0	5	
<b>SATURDAY</b>	0	5	0	1	0	1	0	7	Weekend
SUNDAY	0	0	1	1	0	1	0	3	
<b>TOTAL</b>	0	15	4	14	6	3	0	42	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	John Nolen-Broadway
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	16	5	3	2	0	26
2009	20	6	4	0	0	30
2010	29	5	1	1	0	36
2011	23	6	5	0	0	34
2012	20	3	2	0	0	25
<b>TOTAL</b>	<b>108</b>	<b>25</b>	<b>15</b>	<b>3</b>	<b>0</b>	<b>151</b>
<b>PERCENT</b>	<b>71.5%</b>	<b>16.6%</b>	<b>9.9%</b>	<b>2.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>21.6</b>	<b>5.0</b>	<b>3.0</b>	<b>0.6</b>	<b>0.0</b>	<b>30.2</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	16	10.6%
FEBRUARY	24	15.9%
MARCH	5	3.3%
APRIL	16	10.6%
MAY	12	7.9%
JUNE	14	9.3%
JULY	17	11.3%
AUGUST	12	7.9%
SEPTEMBER	3	2.0%
OCTOBER	10	6.6%
NOVEMBER	15	9.9%
DECEMBER	7	4.6%
<b>TOTAL</b>	<b>151</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	77	51.0%
WESTBOUND	74	49.0%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	25	16.6%
VERTICAL	25	16.6%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT	
DRY	110	72.8%
WET	16	10.6%
SNOW	25	16.6%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>151</b>	<b>100.0%</b>

## CRASH TYPE

CRASH TYPE	PERCENT	
ANGLE	8	5.4%
REAR-END	69	46.3%
HEAD-ON	3	2.0%
SS-SAME	25	16.8%
SS-OPPOSITE	0	0.0%
PEDESTRIAN	0	0.0%
BICYCLE	0	0.0%
FIXED	39	26.2%
NOT FIXED	1	0.7%
OVERTURN	1	0.7%
OTHER/UNKN	3	2.0%
<b>TOTAL</b>	<b>149</b>	<b>100.0%</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	82.38
INJURY CRASH RATE	23.46
FATAL CRASH RATE	0.00

AADT	124,000
Distance	0.81

## BY SEASON

SEASON	PERCENT	
SPRING	42	27.8%
SUMMER	32	21.2%
FALL	32	21.2%
WINTER	45	29.8%
<b>TOTAL</b>	<b>151</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	5
PERCENTAGE OF TOTAL	3.31%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT	
DAY	110	72.8%
DARK	41	27.2%
<b>TOTAL</b>	<b>151</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT	
CAR	215	83.0%
TRUCK	37	14.3%
OTHER/UNKN	7	2.7%
<b>TOTAL</b>	<b>259</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT	
<25	59	22.7%
25-34	75	28.8%
35-44	42	16.2%
45-54	39	15.0%
55-64	25	9.6%
65-74	9	3.5%
75-84	2	0.8%
85+	0	0.0%
UNKNOWN	9	3.5%
<b>TOTAL</b>	<b>260</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT	
OTHER/UNKN	8	3.1%
NONE	8	3.1%
VERY MINOR	28	10.8%
MINOR	43	16.5%
MODERATE	105	40.4%
SEVERE	52	20.0%
VERY SEVERE	16	6.2%
<b>TOTAL</b>	<b>260</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

AVERAGE NUMBER OF VEHICLES PER CRASH	1.9
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	John Nolen-Broadway
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM		2:00 PM		6:00 PM			10:00 PM
	TO	TO		TO		TO			TO
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	1	4	6	11	2	2	0	26	
TUESDAY	1	5	4	9	4	1	0	24	
WEDNESDAY	1	5	4	10	1	1	0	22	
THURSDAY	1	3	4	13	1	1	0	23	
FRIDAY	0	4	9	8	4	3	0	28	
<b>SATURDAY</b>	2	4	3	6	0	3	0	18	
SUNDAY	3	2	1	2	1	1	0	10	
<b>TOTAL</b>	9	27	31	59	13	12	0	151	

Weekday

Weekend

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL
<b>MONDAY</b>	1	0	4	7	1	1	0	14
TUESDAY	0	1	2	5	2	1	0	11
WEDNESDAY	1	1	1	4	1	0	0	8
THURSDAY	1	1	3	7	0	1	0	13
FRIDAY	0	0	6	6	2	2	0	16
<b>SATURDAY</b>	2	1	1	3	0	3	0	10
SUNDAY	2	2	0	0	0	1	0	5
<b>TOTAL</b>	7	6	17	32	6	9	0	77

Weekday

Weekend

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL
<b>MONDAY</b>	0	4	2	4	1	1	0	12
TUESDAY	1	4	2	4	2	0	0	13
WEDNESDAY	0	4	3	6	0	1	0	14
THURSDAY	0	2	1	6	1	0	0	10
FRIDAY	0	4	3	2	2	1	0	12
<b>SATURDAY</b>	0	3	2	3	0	0	0	8
SUNDAY	1	0	1	2	1	0	0	5
<b>TOTAL</b>	2	21	14	27	7	3	0	74

Weekday

Weekend

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Broadway-Monona
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	36	10	2	0	0	48
2009	18	4	3	0	0	25
2010	25	7	1	0	0	33
2011	23	7	3	0	0	33
2012	15	7	3	0	0	25
<b>TOTAL</b>	<b>117</b>	<b>35</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>164</b>
<b>PERCENT</b>	<b>71.3%</b>	<b>21.3%</b>	<b>7.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>23.4</b>	<b>7.0</b>	<b>2.4</b>	<b>0.0</b>	<b>0.0</b>	<b>32.8</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	24	14.6%
FEBRUARY	14	8.5%
MARCH	14	8.5%
APRIL	12	7.3%
MAY	9	5.5%
JUNE	17	10.4%
JULY	11	6.7%
AUGUST	8	4.9%
SEPTEMBER	10	6.1%
OCTOBER	9	5.5%
NOVEMBER	12	7.3%
DECEMBER	24	14.6%
<b>TOTAL</b>	<b>164</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	76	46.3%
WESTBOUND	88	53.7%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	0	0.0%
VERTICAL	9	5.5%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT
DRY	116
WET	21
SNOW	27
ICE	0
MUD	0
OTHER/UNKN	0
<b>TOTAL</b>	<b>164</b>

## CRASH TYPE

CRASH TYPE	PERCENT
ANGLE	8
REAR-END	85
HEAD-ON	1
SS-SAME	27
SS-OPPOSITE	3
PEDESTRIAN	0
BICYCLE	0
FIXED	31
NOT FIXED	1
OVERTURN	0
OTHER/UNKN	6
<b>TOTAL</b>	<b>162</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	48.62
INJURY CRASH RATE	13.93
FATAL CRASH RATE	0.00

AADT	123,230
Distance	1.50

## BY SEASON

SEASON	PERCENT
SPRING	38
SUMMER	29
FALL	45
WINTER	52
<b>TOTAL</b>	<b>164</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	5
PERCENTAGE OF TOTAL	3.05%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT
DAY	134
DARK	30
<b>TOTAL</b>	<b>164</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT
CAR	231
TRUCK	57
OTHER/UNKN	6
<b>TOTAL</b>	<b>294</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT
<25	67
25-34	72
35-44	61
45-54	40
55-64	33
65-74	12
75-84	4
85+	0
UNKNOWN	5
<b>TOTAL</b>	<b>294</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT
OTHER/UNKN	5
NONE	8
VERY MINOR	21
MINOR	85
MODERATE	119
SEVERE	43
VERY SEVERE	13
<b>TOTAL</b>	<b>294</b>

Note: Statistics based on first and second vehicles in crashes.

**AVERAGE NUMBER OF VEHICLES PER CRASH** 2.0

Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Broadway-Monona
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM		PM		LATE	UNKNOWN	TOTAL
	MORNING	PEAK	MIDDAY	PEAK	EVENING	EVENING		
	2:00 AM	6:00 AM	10:00 AM	2:00 PM	6:00 PM	10:00 PM		
	TO	TO	TO	TO	TO	TO		
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM		
<b>MONDAY</b>	0	11	8	9	2	1	0	31
TUESDAY	0	19	3	9	1	0	0	32
WEDNESDAY	1	9	4	8	1	1	0	24
THURSDAY	0	11	5	7	4	0	0	27
FRIDAY	0	4	3	14	2	3	0	26
<b>SATURDAY</b>	1	4	3	4	1	1	0	14
SUNDAY	2	0	3	4	1	0	0	10
<b>TOTAL</b>	4	58	29	55	12	6	0	164

Weekday

Weekend

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL
<b>MONDAY</b>	0	1	4	6	0	1	0	12
TUESDAY	0	8	2	6	0	0	0	16
WEDNESDAY	1	3	1	6	0	0	0	11
THURSDAY	0	3	3	5	1	0	0	12
FRIDAY	0	0	1	10	1	2	0	14
<b>SATURDAY</b>	1	1	1	3	1	0	0	7
SUNDAY	2	0	0	2	0	0	0	4
<b>TOTAL</b>	4	16	12	38	3	3	0	76

Weekday

Weekend

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL
<b>MONDAY</b>	0	10	4	3	2	0	0	19
TUESDAY	0	11	1	3	1	0	0	16
WEDNESDAY	0	6	3	2	1	1	0	13
THURSDAY	0	8	2	2	3	0	0	15
FRIDAY	0	4	2	4	1	1	0	12
<b>SATURDAY</b>	0	3	2	1	0	1	0	7
SUNDAY	0	0	3	2	1	0	0	6
<b>TOTAL</b>	0	42	17	17	9	3	0	88

Weekday

Weekend

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Monona-Stoughton
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	32	9	0	0	0	41
2009	29	3	2	0	0	34
2010	18	4	0	0	0	22
2011	18	2	2	0	0	22
2012	18	2	2	0	0	22
<b>TOTAL</b>	<b>115</b>	<b>20</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>141</b>
<b>PERCENT</b>	<b>81.6%</b>	<b>14.2%</b>	<b>4.3%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>23.0</b>	<b>4.0</b>	<b>1.2</b>	<b>0.0</b>	<b>0.0</b>	<b>28.2</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	11	7.8%
FEBRUARY	9	6.4%
MARCH	11	7.8%
APRIL	11	7.8%
MAY	11	7.8%
JUNE	11	7.8%
JULY	14	9.9%
AUGUST	10	7.1%
SEPTEMBER	22	15.6%
OCTOBER	6	4.3%
NOVEMBER	15	10.6%
DECEMBER	10	7.1%
<b>TOTAL</b>	<b>141</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	49	34.8%
WESTBOUND	92	65.2%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	3	2.1%
VERTICAL	33	23.4%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT
DRY	110
WET	18
SNOW	13
ICE	0
MUD	0
OTHER/UNKN	0
<b>TOTAL</b>	<b>141</b>

## CRASH TYPE

CRASH TYPE	PERCENT
ANGLE	3
REAR-END	77
HEAD-ON	1
SS-SAME	22
SS-OPPOSITE	0
PEDESTRIAN	0
BICYCLE	0
FIXED	27
NOT FIXED	3
OVERTURN	1
OTHER/UNKN	6
<b>TOTAL</b>	<b>140</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	75.65
INJURY CRASH RATE	13.95
FATAL CRASH RATE	0.00

AADT	116,050
Distance	0.88

## BY SEASON

SEASON	PERCENT
SPRING	33
SUMMER	46
FALL	31
WINTER	31
<b>TOTAL</b>	<b>141</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	3
PERCENTAGE OF TOTAL	2.13%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT
DAY	116
DARK	25
<b>TOTAL</b>	<b>141</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT
CAR	194
TRUCK	52
OTHER/UNKN	4
<b>TOTAL</b>	<b>250</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT
<25	41
25-34	59
35-44	50
45-54	45
55-64	37
65-74	11
75-84	3
85+	0
UNKNOWN	4
<b>TOTAL</b>	<b>250</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT
OTHER/UNKN	3
NONE	14
VERY MINOR	19
MINOR	85
MODERATE	99
SEVERE	23
VERY SEVERE	7
<b>TOTAL</b>	<b>250</b>

Note: Statistics based on first and second vehicles in crashes.

AVERAGE NUMBER OF VEHICLES PER CRASH	1.9
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Monona-Stoughton
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING 2:00 AM TO 5:59 AM	PEAK 6:00 AM TO 9:59 AM	10:00 AM TO 1:59 PM	PEAK 2:00 PM TO 5:59 PM	6:00 PM TO 9:59 PM	EVENING 10:00 PM TO 1:59 AM			
<b>MONDAY</b>	0	10	3	6	0	0	0	19	Weekday
TUESDAY	0	18	4	9	4	0	0	35	
WEDNESDAY	0	17	3	4	1	0	0	25	
THURSDAY	0	8	2	4	1	0	0	15	
FRIDAY	1	9	5	4	1	0	0	20	
<b>SATURDAY</b>	1	3	6	2	3	0	0	15	Weekend
SUNDAY	1	4	1	1	2	3	0	12	
<b>TOTAL</b>	3	69	24	30	12	3	0	141	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	1	0	3	0	0	0	4	Weekday
TUESDAY	0	6	3	5	2	0	0	16	
WEDNESDAY	0	3	2	3	0	0	0	8	
THURSDAY	0	1	0	3	0	0	0	4	
FRIDAY	0	3	3	0	0	0	0	6	
<b>SATURDAY</b>	1	0	2	0	1	0	0	4	Weekend
SUNDAY	1	2	1	0	2	1	0	7	
<b>TOTAL</b>	2	16	11	14	5	1	0	49	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	9	3	3	0	0	0	15	Weekday
TUESDAY	0	12	1	4	2	0	0	19	
WEDNESDAY	0	14	1	1	1	0	0	17	
THURSDAY	0	7	2	1	1	0	0	11	
FRIDAY	1	6	2	4	1	0	0	14	
<b>SATURDAY</b>	0	3	4	2	2	0	0	11	Weekend
SUNDAY	0	2	0	1	0	2	0	5	
<b>TOTAL</b>	1	53	13	16	7	2	0	92	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Stoughton-I-39
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	15	8	4	0	0	27
2009	21	1	0	0	0	22
2010	13	3	1	1	0	18
2011	15	6	0	0	1	22
2012	12	2	2	1	0	17
<b>TOTAL</b>	<b>76</b>	<b>20</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>106</b>
<b>PERCENT</b>	<b>71.7%</b>	<b>18.9%</b>	<b>6.6%</b>	<b>1.9%</b>	<b>0.9%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>15.2</b>	<b>4.0</b>	<b>1.4</b>	<b>0.4</b>	<b>0.2</b>	<b>21.2</b>

## BY MONTH

MONTH	PERCENT	
JANUARY	14	13.2%
FEBRUARY	13	12.3%
MARCH	4	3.8%
APRIL	7	6.6%
MAY	9	8.5%
JUNE	8	7.5%
JULY	14	13.2%
AUGUST	4	3.8%
SEPTEMBER	7	6.6%
OCTOBER	10	9.4%
NOVEMBER	9	8.5%
DECEMBER	7	6.6%
<b>TOTAL</b>	<b>106</b>	<b>100.0%</b>

## BY DIRECTION

DIRECTION	PERCENT	
EASTBOUND	67	63.2%
WESTBOUND	39	36.8%
NORTHBOUND	0	0.0%
SOUTHBOUND	0	0.0%

## CURVATURE

CURVATURE	PERCENT	
HORIZONTAL	8	7.5%
VERTICAL	5	4.7%

## ROAD CONDITIONS

ROAD CONDITION	PERCENT
DRY	73
WET	14
SNOW	19
ICE	0
MUD	0
OTHER/UNKN	0
<b>TOTAL</b>	<b>106</b>

## CRASH TYPE

CRASH TYPE	PERCENT
ANGLE	4
REAR-END	46
HEAD-ON	3
SS-SAME	20
SS-OPPOSITE	0
PEDESTRIAN	0
BICYCLE	0
FIXED	21
NOT FIXED	2
OVERTURN	2
OTHER/UNKN	7
<b>TOTAL</b>	<b>105</b>

## CRASH RATES

CRASH RATE	per HMVMT
CRASH RATE	48.23
INJURY CRASH RATE	13.19
FATAL CRASH RATE	0.45

AADT	78,200
Distance	1.54

## BY SEASON

SEASON	PERCENT
SPRING	24
SUMMER	25
FALL	26
WINTER	31
<b>TOTAL</b>	<b>106</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	5
PERCENTAGE OF TOTAL	4.72%

## LIGHT CONDITIONS

LIGHT CONDITION	PERCENT
DAY	82
DARK	24
<b>TOTAL</b>	<b>106</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

VEHICLE TYPE	PERCENT
CAR	140
TRUCK	38
OTHER/UNKN	5
<b>TOTAL</b>	<b>183</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

DRIVER AGE	PERCENT
<25	36
25-34	41
35-44	36
45-54	36
55-64	21
65-74	5
75-84	2
85+	1
UNKNOWN	5
<b>TOTAL</b>	<b>183</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

VEHICLE DAMAGE	PERCENT
OTHER/UNKN	7
NONE	3
VERY MINOR	15
MINOR	38
MODERATE	86
SEVERE	23
VERY SEVERE	11
<b>TOTAL</b>	<b>183</b>

Note: Statistics based on first and second vehicles in crashes.

<b>AVERAGE NUMBER OF VEHICLES PER CRASH</b>	<b>1.8</b>
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	Stoughton-I-39
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM		2:00 PM		6:00 PM			
	TO	TO		TO		TO			
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	0	4	0	1	4	1	0	10	Weekday
TUESDAY	1	11	2	11	1	0	0	26	
WEDNESDAY	0	2	0	3	1	0	0	6	
THURSDAY	1	4	6	6	0	1	0	18	
FRIDAY	0	2	4	15	2	0	0	23	
<b>SATURDAY</b>	1	0	3	7	4	0	0	15	Weekend
SUNDAY	0	1	1	2	3	1	0	8	
<b>TOTAL</b>	3	24	16	45	15	3	0	106	

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	1	0	1	4	1	0	7	Weekday
TUESDAY	0	5	2	9	0	0	0	16	
WEDNESDAY	0	1	0	2	1	0	0	4	
THURSDAY	0	0	4	4	0	1	0	9	
FRIDAY	0	1	1	13	1	0	0	16	
<b>SATURDAY</b>	1	0	3	3	4	0	0	11	Weekend
SUNDAY	0	1	1	1	1	0	0	4	
<b>TOTAL</b>	1	9	11	33	11	2	0	67	

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
<b>MONDAY</b>	0	3	0	0	0	0	0	3	Weekday
TUESDAY	1	6	0	2	1	0	0	10	
WEDNESDAY	0	1	0	1	0	0	0	2	
THURSDAY	1	4	2	2	0	0	0	9	
FRIDAY	0	1	3	2	1	0	0	7	
<b>SATURDAY</b>	0	0	0	4	0	0	0	4	Weekend
SUNDAY	0	0	0	1	2	1	0	4	
<b>TOTAL</b>	2	15	5	12	4	1	0	39	

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	I-39-North Star	Combined Segments
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## CRASH FREQUENCY & SEVERITY

YEAR	PD	C-LEVEL	B-LEVEL	A-LEVEL	FATAL	TOTAL
2008	5	2	3	1	0	11
2009	9	2	1	1	1	14
2010	14	1	4	5	0	24
2011	12	3	3	0	1	19
2012	16	6	4	3	0	29
<b>TOTAL</b>	<b>56</b>	<b>14</b>	<b>15</b>	<b>10</b>	<b>2</b>	<b>97</b>
<b>PERCENT</b>	<b>57.7%</b>	<b>14.4%</b>	<b>15.5%</b>	<b>10.3%</b>	<b>2.1%</b>	<b>100.0%</b>
<b>YEAR AVG.</b>	<b>11.2</b>	<b>2.8</b>	<b>3.0</b>	<b>2.0</b>	<b>0.4</b>	<b>19.4</b>

## BY MONTH

	PERCENT	
JANUARY	7 7.2%	1
FEBRUARY	16 16.5%	2
MARCH	7 7.2%	3
APRIL	4 4.1%	4
MAY	11 11.3%	5
JUNE	4 4.1%	6
JULY	3 3.1%	7
AUGUST	14 14.4%	8
SEPTEMBER	6 6.2%	9
OCTOBER	6 6.2%	10
NOVEMBER	10 10.3%	11
DECEMBER	9 9.3%	12
<b>TOTAL</b>	<b>97 100.0%</b>	

## BY DIRECTION

	PERCENT	
EASTBOUND	60 61.9%	E
WESTBOUND	37 38.1%	W
NORTHBOUND	0 0.0%	N
SOUTHBOUND	0 0.0%	S

## CURVATURE

	PERCENT	
HORIZONTAL	6 6.2%	C
VERTICAL	12 12.4%	H

## ROAD CONDITIONS

		PERCENT
DRY	79	81.4%
WET	11	11.3%
SNOW	7	7.2%
ICE	0	0.0%
MUD	0	0.0%
OTHER/UNKN	0	0.0%
<b>TOTAL</b>	<b>97</b>	<b>100.0%</b>

## CRASH TYPE

		PERCENT
ANGLE	41	41.4%
REAR-END	13	13.1%
HEAD-ON	0	0.0%
SS-SAME	9	9.1%
SS-OPPOSITE	4	4.0%
PEDESTRIAN	1	1.0%
BICYCLE	0	0.0%
FIXED	17	17.2%
NOT FIXED	1	1.0%
OVERTURN	6	6.1%
OTHER/UNKN	7	7.1%
<b>TOTAL</b>	<b>99</b>	<b>100.0%</b>

## CRASH RATES

	per HMVMT
CRASH RATE	75.69
INJURY CRASH RATE	30.43
FATAL CRASH RATE	1.56

AADT	15,233
Distance	4.61

## BY SEASON

		PERCENT
SPRING	19	19.6%
SUMMER	23	23.7%
FALL	25	25.8%
WINTER	30	30.9%
<b>TOTAL</b>	<b>97</b>	<b>100.0%</b>

Note: Wint=Jan-Mar, Spr=Apr-June, Sum=July-Sept, Fall=Oct-Dec

## ALCOHOL RELATED CRASHES

TOTAL	10
PERCENTAGE OF TOTAL	10.31%

## LIGHT CONDITIONS

		PERCENT
DAY	66	68.0%
DARK	31	32.0%
<b>TOTAL</b>	<b>97</b>	<b>100.0%</b>

Note: Dawn, dusk or street lighted conditions included in dark total.

## VEHICLE TYPES

		PERCENT
CAR	129	78.2%
TRUCK	30	18.2%
OTHER/UNKN	6	3.6%
<b>TOTAL</b>	<b>165</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## DRIVER AGES

		PERCENT
<25	33	19.9%
25-34	28	16.9%
35-44	23	13.9%
45-54	31	18.7%
55-64	20	12.0%
65-74	15	9.0%
75-84	11	6.6%
85+	1	0.6%
UNKNOWN	4	2.4%
<b>TOTAL</b>	<b>166</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

## VEHICLE DAMAGE

		PERCENT
OTHER/UNKN	5	3.0%
NONE	3	1.8%
VERY MINOR	9	5.5%
MINOR	25	15.2%
MODERATE	47	28.5%
SEVERE	47	28.5%
VERY SEVERE	29	17.6%
<b>TOTAL</b>	<b>165</b>	<b>100.0%</b>

Note: Statistics based on first and second vehicles in crashes.

<b>AVERAGE NUMBER OF VEHICLES PER CRASH</b>	<b>1.7</b>
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Note: Statistics based on all vehicles in crashes.

# Beltline PEL Crash Analysis - Segment Trends

November 21, 2013

<b>SEGMENT</b>	I-39-North Star
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## DAY AND TIME - BOTH DIRECTIONS

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL	
	MORNING	PEAK		PEAK		EVENING			
	2:00 AM	6:00 AM		2:00 PM		6:00 PM			10:00 PM
	TO	TO		TO		TO			TO
	5:59 AM	9:59 AM	1:59 PM	5:59 PM	9:59 PM	1:59 AM			
<b>MONDAY</b>	1	3	2	5	1	1	0	13	
TUESDAY	1	2	3	9	2	0	0	17	
WEDNESDAY	0	0	3	7	4	0	0	14	
THURSDAY	1	5	2	4	3	1	0	16	
FRIDAY	0	5	1	6	1	2	0	15	
<b>SATURDAY</b>	2	0	7	2	4	1	0	16	
SUNDAY	0	0	2	2	2	0	0	6	
<b>TOTAL</b>	5	15	20	35	17	5	0	97	

Weekday

Weekend

## DAY AND TIME - EASTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL
<b>MONDAY</b>	1	0	2	3	1	0	0	7
TUESDAY	0	1	3	5	1	0	0	10
WEDNESDAY	0	0	0	5	4	0	0	9
THURSDAY	0	2	2	2	3	1	0	10
FRIDAY	0	2	0	4	1	1	0	8
<b>SATURDAY</b>	0	0	5	1	3	1	0	10
SUNDAY	0	0	2	2	2	0	0	6
<b>TOTAL</b>	1	5	14	22	15	3	0	60

Weekday

Weekend

## DAY AND TIME - WESTBOUND

DAY OF WEEK	EARLY	AM	MIDDAY	PM	EVENING	LATE	UNKNOWN	TOTAL
<b>MONDAY</b>	0	3	0	2	0	1	0	6
TUESDAY	1	1	0	4	1	0	0	7
WEDNESDAY	0	0	3	2	0	0	0	5
THURSDAY	1	3	0	2	0	0	0	6
FRIDAY	0	3	1	2	0	1	0	7
<b>SATURDAY</b>	2	0	2	1	1	0	0	6
SUNDAY	0	0	0	0	0	0	0	0
<b>TOTAL</b>	4	10	6	13	2	2	0	37

Weekday

Weekend



Beltline PEL Crash Analysis - Intersections Summary (2008-2012)

November 21, 2013

PRELIMINARY RESULTS

Intersection	2008				2009				2010				2011				2012				TOTALS				Entering Vehicle Volume / AADT	Crash Rate <sup>[1]</sup>	Injury Crash Rate <sup>[1]</sup>	Total Crash Rate Rank	Injury Crash Rate Rank
	Fatal	All Injury	PDO	Total	Fatal	All Injury	PDO	Total	Fatal	All Injury	PDO	Total	Fatal	All Injury	PDO	Total	Fatal	All Injury	PDO	Total	Fatal	All Injury	PDO	Total					
1 Beltline / County K	0	5	3	8	0	3	11	14	0	8	5	13	1	4	9	14	0	2	7	9	1	22	35	58	23,354	1.36	0.52	2	1
2 Parmenter / SB Ramps	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,508	0.00	0.00	84	73
3 Parmenter / NB Ramps	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,354	0.00	0.00	84	73
4 Parmenter / Greenbriar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,011	0.00	0.00	84	73
5 Airport / Nursery	0	0	0	0	0	0	2	2	0	0	0	0	0	1	0	1	0	0	0	0	0	1	2	3	11,988	0.14	0.05	73	65
6 Airport / SB Ramps	0	0	4	4	0	0	2	2	0	0	1	1	0	1	0	1	0	0	1	1	0	1	8	9	17,240	0.29	0.03	59	70
7 Airport / NB Ramps	0	0	3	3	0	0	4	4	0	3	1	4	0	0	2	2	0	2	1	3	0	5	11	16	16,251	0.54	0.17	34	31
8 Airport / Tribeca	0	0	4	4	0	2	1	3	0	0	0	0	0	0	1	1	0	2	5	7	0	4	11	15	12,600	0.65	0.17	26	27
9 Airport / Parmenter	0	2	5	7	0	0	2	2	0	0	3	3	0	1	4	5	0	1	1	2	0	4	15	19	17,994	0.58	0.12	29	43
10 University / Deming Way	0	3	9	12	0	1	4	5	0	7	4	11	0	2	5	7	0	0	8	8	0	13	30	43	29,398	0.80	0.24	16	15
11 University / SB Ramps	0	1	7	8	0	3	6	9	0	4	8	12	0	1	3	4	0	2	2	4	0	11	26	37	30,373	0.67	0.20	25	25
12 University / NB Ramps	0	0	8	8	0	1	7	8	0	1	5	6	0	1	13	14	0	4	5	9	0	7	38	45	30,715	0.80	0.12	15	41
13 University / Parmenter	0	3	8	11	0	3	10	13	0	3	3	6	0	5	8	13	0	4	11	15	0	18	40	58	30,178	1.05	0.33	5	8
14 Discovery / Parmenter	0	0	10	10	0	0	1	1	0	1	0	1	0	1	2	3	0	0	3	3	0	2	16	18	13,895	0.71	0.08	24	55
15 Greenway Blvd / John Q Hammons	0	1	2	3	0	1	1	2	0	2	2	4	0	1	4	5	0	2	1	3	0	7	10	17	17,692	0.53	0.22	36	21
16 Greenway Blvd / SB Ramps	0	0	2	2	0	0	3	3	0	0	3	3	0	1	4	5	0	1	0	1	0	2	12	14	21,000	0.37	0.05	48	62
17 Greenway Blvd / NB Ramps	0	0	3	3	0	0	5	5	0	0	4	4	0	0	1	1	0	0	1	1	0	0	14	14	21,100	0.36	0.00	50	73
18 Greenway Blvd / High Point	0	1	3	4	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	0	4	3	7	12,730	0.30	0.17	57	28
19 Old Sauk Rd / Junction Rd	0	2	3	5	0	1	1	2	0	0	1	1	0	1	0	1	0	2	5	7	0	6	10	16	27,853	0.31	0.12	55	44
20 Old Sauk Rd / Excelsior Dr	0	1	1	2	0	1	1	2	0	1	1	2	0	1	3	4	0	1	1	2	0	5	7	12	33,622	0.20	0.08	64	54
21 Old Sauk Rd / SB Ramps	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	33,126	0.05	0.05	80	64
22 Old Sauk Rd / NB Ramps	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2	27,408	0.04	0.00	82	73
23 Old Sauk Rd / High Point	0	0	3	3	0	0	4	4	0	7	3	10	0	1	3	4	0	2	2	4	0	10	15	25	24,448	0.56	0.22	31	17
24 Mineral Point / Junction	0	4	5	9	0	7	10	17	0	5	14	19	0	3	11	14	0	3	6	9	0	22	46	68	42,166	0.88	0.29	11	11
25 Mineral Point / Commerce Dr	0	1	2	3	0	1	3	4	0	2	7	9	0	2	1	3	0	2	8	10	0	8	21	29	39,449	0.40	0.11	46	47
26 Mineral Point / SB Ramps	0	2	1	3	0	3	4	7	0	2	3	5	0	0	8	8	0	2	3	5	0	9	19	28	47,387	0.32	0.10	54	48
27 Mineral Point / NB Ramps	0	1	3	4	0	3	4	7	0	2	2	4	0	1	5	6	0	2	6	8	0	9	20	29	42,934	0.37	0.11	47	46
28 Mineral Point / Tree Ln	0	2	6	8	0	2	4	6	0	2	4	6	0	1	2	3	0	2	1	3	0	9	17	26	31,725	0.45	0.16	43	36
29 Gammon / Odana	0	1	5	6	0	2	7	9	0	1	14	15	0	9	13	22	0	8	13	21	0	21	52	73	52,016	0.77	0.22	20	18
30 Gammon / WB Ramps	0	7	7	14	0	7	11	18	0	7	12	19	0	5	10	15	0	7	13	20	0	33	53	86	56,723	0.83	0.32	12	10
31 Gammon / EB Ramps	0	4	9	13	0	3	3	6	0	4	7	11	0	2	9	11	0	6	16	22	0	19	44	63	60,779	0.57	0.17	30	29
32 Gammon / Seybold	0	4	2	6	0	3	5	8	0	0	2	2	0	0	4	4	0	1	3	4	0	8	16	24	53,623	0.25	0.08	63	53
33 Gammon / Watts	0	9	7	16	0	6	13	19	0	3	16	19	0	6	12	18	0	10	15	25	0	34	63	97	54,516	0.97	0.34	6	6
34 Schroeder / EB Ramps	0	0	2	2	0	0	0	0	0	0	3	3	0	0	3	3	0	1	3	4	0	1	11	12	15,621	0.42	0.04	44	68
35 Whitney Way / Odana	0	4	3	7	0	4	8	12	0	7	7	14	0	6	5	11	0	6	13	19	0	27	36	63	44,438	0.78	0.33	18	7
36 Whitney Way / WB Ramps	0	6	4	10	0	7	11	18	0	4	10	14	0	8	6	14	0	5	13	18	0	30	44	74	42,689	0.95	0.39	9	4
37 Whitney Way / Schroeder	0	3	12	15	0	2	7	9	0	7	9	16	0	1	10	11	0	3	7	10	0	16	45	61	43,439	0.77	0.20	19	24
38 Whitney Way / Gilbert	0	0	2	2	0	0	0	0	0	0	5	5	0	0	0	0	0	0	1	1	0	0	8	8	23,119	0.19	0.00	66	73
39 Midvale / Nakoma	0	0	1	1	0	4	3	7	0	1	2	3	0	0	3	3	0	0	2	2	0	5	11	16	31,120	0.28	0.09	60	51
40 Verona / WB Ramps	0	3	10	13	0	3	5	8	0	1	12	13	0	4	9	13	0	3	10	13	0	14	46	60	52,284	0.63	0.15	27	38
41 Verona / EB Ramps	0	2	10	12	0	5	9	14	0	10	15	25	0	3	9	12	0	7	10	17	0	27	53	80	59,984	0.73	0.25	23	14
42 Verona / Atticus	0	2	8	10	0	5	5	10	0	1	13	14	0	5	9	14	0	4	17	21	0	17	52	69	74,943	0.50	0.12	39	42
43 Seminole Hwy / WB Ramps	0	0	2	2	0	0	4	4	0	0	3	3	0	0	3	3	0	1	3	4	0	1	15	16	15,848	0.55	0.03	32	69
44 Seminole Hwy / EB Ramps	0	0	3	3	0	1	3	4	0	1	2	3	0	0	6	6	0	2	5	7	0	4	19	23	23,105	0.55	0.09	33	50
45 Beltline Frontage / EB Entrance Ramp (Ser	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	2	12,193	0.09	0.04	78	66
46 Beltline Frontage / Grandview	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	1	1	0	1	2	3	5,416	0.30	0.10	56	49
47 Beltline Frontage / EB Exit Ramps	0	0	2	2	0	1	0	1	0	0	2	2	0	0	0	0	0	0	1	1	0	1	5	6	7,066	0.47	0.08	41	56
48 Todd Dr / WB Entrance Ramp	0	0	1	1	0	1	1	2	0	1	1	2	0	0	0	0	0	0	1	1	0	2	4	6	13,061	0.25	0.08	62	52
49 Todd Dr / Beltline Frontage	0	0	3	3	0	3	1	4	0	2	1	3	0	3	5	8	0	0	1	1	0	8	11	19	13,703	0.76	0.32	22	9
50 Beltline Frontage / WB Exit Ramp (Todd)	0	0	2	2	0	0	0	0	0	1	3	4	0	1	2	3	0	0	5	5	0	2	12	14	5,085	1.51	0.22	1	22
51 Beltline Frontage / EB Entrance Ramp (Tod	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	3	3	9,073	0.18	0.00	68	73
52 Beltline Frontage / Coho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,737	0.00	0.00	84	73
53 Fish Hatchery / Emil	0	2	6	8	0	4	7	11	0	3	12	15	0	3	6	9	0	0	5	5	0	12	36	48	32,491	0.81	0.20	14	23
54 Fish Hatchery / WB Ramps	0	3	15	18	0	5	7	12	0	4	13	17	0	2	7	9	0	5	9	14	0	19	51	70	39,848	0.96	0.26	7	12
55 Fish Hatchery / EB Ramps	0	5	6	11	0	3	2	5	0	11	8	19	0	3	11	14	0	4	12	16	0	26	39	65	38,467	0.93	0.37	10	5
56 Fish Hatchery / Greenway Cross	0	2	5	7	0	4	8	12	0	5	7	12	0	3	6	9	0	3	6	9	0	17	32	49	50,408	0.53	0.18	35	26
57 Park St / Badger	0	12	12	24	0	8	16	24	0	6	16	22	0	3	6	9	0	8	10	18	0	37	60	97	39,905	1			