



## Appendix B: Crash Analysis

**US 360/Route 288 Interchange Area Study  
Northbound Route 288  
Crash Data Summary**

Year	Peak Hour			Light Conditions			Pavement Condition			Weather Condition				
	AM Peak (6 - 10 AM)	PM Peak (3 - 7 PM)	Off Peak	Day	Dawn, Dusk	Dark	Dry	Wet	Other	Clear, Cloudy	Fog	Rain, Mist, Sleet, Hail	Snow	Other
2010	4	4	3	8	1	2	8	1	2	8	0	1	2	0
2011	4	4	1	6	1	2	9	0	0	9	0	0	0	0
2012	2	7	2	9	1	1	9	2	0	9	0	2	0	0
2013	1	5	1	5	0	2	5	1	1	6	0	0	1	0
<b>TOTAL</b>	<b>11</b>	<b>20</b>	<b>7</b>	<b>28</b>	<b>3</b>	<b>7</b>	<b>31</b>	<b>4</b>	<b>3</b>	<b>32</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>

Year	Type of Collision						Severity			Total Number of Crashes
	Rear End	Angle	Sideswipe - Same Direction	Fixed- Object, Off-Road	Deer/Other Animal	Backed Into	Fatal	Injury	Property Damage Only	
2010	3	3	1	3	1	0	0	2	9	11
2011	4	1	1	2	0	1	0	3	6	9
2012	6	2	1	2	0	0	0	3	8	11
2013	5	0	1	1	0	0	0	1	6	7
<b>TOTAL</b>	<b>18</b>	<b>6</b>	<b>4</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>29</b>	<b>38</b>

Year	Peak Hour			Light Conditions			Pavement Condition			Weather Condition				
	AM (6 - 10 AM)	PM Peak (3 - 7 PM)	Off Peak	Day	Dawn, Dusk	Dark	Dry	Wet	Misc	Clear, Cloudy	Fog	Rain, Mist, Sleet, Hail	Snow	Other
2010	36%	20%	43%	29%	33%	29%	26%	25%	67%	25%	#DIV/0!	33%	67%	#DIV/0!
2011	36%	20%	14%	21%	33%	29%	29%	0%	0%	28%	#DIV/0!	0%	0%	#DIV/0!
2012	18%	35%	29%	32%	33%	14%	29%	50%	0%	28%	#DIV/0!	67%	0%	#DIV/0!
2013	9%	25%	14%	18%	0%	29%	16%	25%	33%	19%	#DIV/0!	0%	33%	#DIV/0!
<b>TOTAL</b>	<b>29%</b>	<b>53%</b>	<b>18%</b>	<b>74%</b>	<b>8%</b>	<b>18%</b>	<b>82%</b>	<b>11%</b>	<b>8%</b>	<b>84%</b>	<b>0%</b>	<b>8%</b>	<b>8%</b>	<b>0%</b>

Year	Type of Collision						Severity			Total Number of Crashes
	Rear End	Angle	Sideswipe - Same Direction	Fixed Object - Off Road	Deer/ Other Animal	Backed Into	Fatal	Injury	Property Damage Only	
2010	17%	50%	25%	38%	100%	0%	#DIV/0!	22%	31%	29%
2011	22%	17%	25%	25%	0%	100%	#DIV/0!	33%	21%	24%
2012	33%	33%	25%	25%	0%	0%	#DIV/0!	33%	28%	29%
2013	28%	0%	25%	13%	0%	0%	#DIV/0!	11%	21%	18%
<b>TOTAL</b>	<b>47%</b>	<b>16%</b>	<b>11%</b>	<b>21%</b>	<b>3%</b>	<b>3%</b>	<b>0%</b>	<b>24%</b>	<b>76%</b>	<b>100%</b>

**US 360/Route 288 Interchange Area Study  
Southbound Route 288  
Crash Data Summary**

Year	Peak Hour			Light Conditions			Pavement Condition			Weather Condition				
	AM Peak (6 - 10 AM)	PM Peak (3 - 7 PM)	Off Peak	Day	Dawn, Dusk	Dark	Dry	Wet	Other	Clear, Cloudy	Fog	Rain, Mist, Sleet, Hail	Snow	Other
2010	5	5	11	10	0	11	20	0	1	21	0	0	0	0
2011	3	18	4	16	2	7	19	6	0	19	0	6	0	0
2012	1	15	7	12	2	9	21	1	1	22	0	1	0	0
2013	2	14	8	17	4	3	22	1	1	22	0	1	1	0
<b>TOTAL</b>	<b>11</b>	<b>52</b>	<b>30</b>	<b>55</b>	<b>8</b>	<b>30</b>	<b>82</b>	<b>8</b>	<b>3</b>	<b>84</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>0</b>

Year	Type of Collision						Severity			Total Number of Crashes
	Rear End	Angle	Sideswipe - Same Direction	Fixed- Object, Off-Road	Deer/Other Animal	Non- Collision	Fatal	Injury	Property Damage Only	
2010	7	2	0	10	2	0	0	10	11	21
2011	17	1	2	3	1	1	2	5	18	25
2012	11	3	2	4	2	1	0	11	12	23
2013	14	1	2	4	1	2	0	9	15	24
<b>TOTAL</b>	<b>49</b>	<b>7</b>	<b>6</b>	<b>21</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>35</b>	<b>56</b>	<b>93</b>

Year	Peak Hour			Light Conditions			Pavement Condition			Weather Condition				
	AM (6 - 10 AM)	PM Peak (3 - 7 PM)	Off Peak	Day	Dawn, Dusk	Dark	Dry	Wet	Misc	Clear, Cloudy	Fog	Rain, Mist, Sleet, Hail	Snow	Other
2010	45%	10%	37%	18%	0%	37%	24%	0%	33%	25%	#DIV/0!	0%	0%	#DIV/0!
2011	27%	35%	13%	29%	25%	23%	23%	75%	0%	23%	#DIV/0!	75%	0%	#DIV/0!
2012	9%	29%	23%	22%	25%	30%	26%	13%	33%	26%	#DIV/0!	13%	0%	#DIV/0!
2013	18%	27%	27%	31%	50%	10%	27%	13%	33%	26%	#DIV/0!	13%	100%	#DIV/0!
<b>TOTAL</b>	<b>12%</b>	<b>56%</b>	<b>32%</b>	<b>59%</b>	<b>9%</b>	<b>32%</b>	<b>88%</b>	<b>9%</b>	<b>3%</b>	<b>90%</b>	<b>0%</b>	<b>9%</b>	<b>1%</b>	<b>0%</b>

Year	Type of Collision						Severity			Total Number of Crashes
	Rear End	Angle	Sideswipe - Same Direction	Fixed Object - Off Road	Deer/ Other Animal	Non- Collision	Fatal	Injury	Property Damage Only	
2010	14%	29%	0%	48%	33%	0	0%	29%	20%	23%
2011	35%	14%	33%	14%	17%	0	100%	14%	32%	27%
2012	22%	43%	33%	19%	33%	0	0%	31%	21%	25%
2013	29%	14%	33%	19%	17%	1	0%	26%	27%	26%
<b>TOTAL</b>	<b>53%</b>	<b>8%</b>	<b>6%</b>	<b>23%</b>	<b>6%</b>	<b>0</b>	<b>2%</b>	<b>38%</b>	<b>60%</b>	<b>100%</b>

**US 360/Route 288 Interchange Area Study  
Eastbound US 360  
Crash Data Summary**

Year	Peak Hour			Light Conditions			Pavement Condition			Weather Condition				
	AM Peak (6 - 10 AM)	PM Peak (3 - 7 PM)	Off Peak	Day	Dawn, Dusk	Dark	Dry	Wet	Other	Clear, Cloudy	Fog	Rain, Mist, Sleet, Hail	Snow	Other
2010	36	43	58	98	11	28	112	21	4	116	0	19	2	0
2011	61	33	46	108	11	21	118	20	2	118	1	19	1	1
2012	33	34	55	82	6	34	102	19	1	104	0	16	1	1
2013	55	31	44	101	10	19	107	22	1	109	0	21	0	0
<b>TOTAL</b>	<b>185</b>	<b>141</b>	<b>203</b>	<b>389</b>	<b>38</b>	<b>102</b>	<b>439</b>	<b>82</b>	<b>8</b>	<b>447</b>	<b>1</b>	<b>75</b>	<b>4</b>	<b>2</b>

Year	Type of Collision										Severity			Total Number of Crashes
	Rear End	Angle	Sideswipe - Same Direction	Fixed Object - Off Road	Deer/ Other Animal	Head On	Non-Collision	Other	Backed Into	Fatal	Injury	Property Damage Only		
2010	96	24	8	2	3	2	0	0	2	0	35	102	137	
2011	97	21	13	3	3	0	2	1	0	0	35	105	140	
2012	85	16	14	4	2	0	0	0	1	0	24	98	122	
2013	101	13	4	4	5	2	1	0	0	0	23	107	130	
<b>TOTAL</b>	<b>379</b>	<b>74</b>	<b>39</b>	<b>13</b>	<b>13</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>117</b>	<b>412</b>	<b>529</b>	

Year	Peak Hour			Light Conditions			Pavement Condition			Weather Condition				
	AM (6 - 10 AM)	PM Peak (3 - 7 PM)	Off Peak	Day	Dawn, Dusk	Dark	Dry	Wet	Misc	Clear, Cloudy	Fog	Rain, Mist, Sleet, Hail	Snow	Other
2010	19%	30%	29%	25%	29%	27%	26%	26%	50%	26%	0%	25%	50%	0%
2011	33%	23%	23%	28%	29%	21%	27%	24%	25%	26%	100%	25%	25%	50%
2012	18%	24%	27%	21%	16%	33%	23%	23%	13%	23%	0%	21%	25%	50%
2013	30%	22%	22%	26%	26%	19%	24%	27%	13%	24%	0%	28%	0%	0%
<b>TOTAL</b>	<b>35%</b>	<b>27%</b>	<b>38%</b>	<b>74%</b>	<b>7%</b>	<b>19%</b>	<b>83%</b>	<b>16%</b>	<b>2%</b>	<b>84%</b>	<b>0%</b>	<b>14%</b>	<b>1%</b>	<b>0%</b>

Year	Type of Collision										Severity			Total Number of Crashes
	Rear End	Angle	Sideswipe - Same Direction	Fixed Object - Off Road	Deer/ Other Animal	Head On	Non-Collision	Other	Backed Into	Fatal	Injury	Property Damage Only		
2010	25%	32%	21%	15%	23%	50%	0%	0%	67%	#DIV/0!	30%	25%	26%	
2011	26%	28%	33%	23%	23%	0%	67%	100%	0%	#DIV/0!	30%	25%	26%	
2012	22%	22%	36%	31%	15%	0%	0%	0%	33%	#DIV/0!	21%	24%	23%	
2013	27%	18%	10%	31%	38%	50%	33%	0%	0%	#DIV/0!	20%	26%	25%	
<b>TOTAL</b>	<b>72%</b>	<b>14%</b>	<b>7%</b>	<b>2%</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>0%</b>	<b>22%</b>	<b>78%</b>	<b>100%</b>	

**US 360/Route 288 Interchange Area Study  
Westbound US 360  
Crash Data Summary**

Year	Peak Hour			Light Conditions			Pavement Condition			Weather Condition				
	AM Peak (6 - 10 AM)	PM Peak (3 - 7 PM)	Off Peak	Day	Dawn, Dusk	Dark	Dry	Wet	Other	Clear, Cloudy	Fog	Rain, Mist, Sleet, Hail	Snow	Other
2010	13	56	59	101	1	26	110	18	0	116	0	12	0	0
2011	13	68	53	85	6	43	109	24	1	111	0	23	0	0
2012	10	62	60	88	5	39	122	10	0	122	0	10	0	0
2013	20	62	54	87	18	31	111	23	2	112	0	22	2	0
<b>TOTAL</b>	<b>56</b>	<b>248</b>	<b>226</b>	<b>361</b>	<b>30</b>	<b>139</b>	<b>452</b>	<b>75</b>	<b>3</b>	<b>461</b>	<b>0</b>	<b>67</b>	<b>2</b>	<b>0</b>

Year	Type of Collision										Severity			Total Number of Crashes
	Rear End	Angle	Sideswipe - Same Direction	Fixed Object - Off Road	Deer/ Other Animal	Head On	Non-Collision	Other	Pedestri- an	Fixed Object - In Road	Fatal	Injury	Property Damage Only	
2010	82	26	11	3	4	2	0	0	0	0	0	45	83	128
2011	84	26	12	4	2	1	0	3	2	0	1	38	95	134
2012	81	28	13	3	1	3	1	0	1	1	0	26	106	132
2013	79	34	15	6	1	0	1	0	0	0	0	33	103	136
<b>TOTAL</b>	<b>326</b>	<b>114</b>	<b>51</b>	<b>16</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>142</b>	<b>387</b>	<b>530</b>

Year	Peak Hour			Light Conditions			Pavement Condition			Weather Condition				
	AM (6 - 10 AM)	PM Peak (3 - 7 PM)	Off Peak	Day	Dawn, Dusk	Dark	Dry	Wet	Misc	Clear, Cloudy	Fog	Rain, Mist, Sleet, Hail	Snow	Other
2010	23%	23%	26%	28%	3%	19%	24%	24%	0%	25%	#DIV/0!	18%	0%	#DIV/0!
2011	23%	27%	23%	24%	20%	31%	24%	32%	33%	24%	#DIV/0!	34%	0%	#DIV/0!
2012	18%	25%	27%	24%	17%	28%	27%	13%	0%	26%	#DIV/0!	15%	0%	#DIV/0!
2013	36%	25%	24%	24%	60%	22%	25%	31%	67%	24%	#DIV/0!	33%	100%	#DIV/0!
<b>TOTAL</b>	<b>11%</b>	<b>47%</b>	<b>43%</b>	<b>68%</b>	<b>6%</b>	<b>26%</b>	<b>85%</b>	<b>14%</b>	<b>1%</b>	<b>87%</b>	<b>0%</b>	<b>13%</b>	<b>0%</b>	<b>0%</b>

Year	Type of Collision										Severity			Total Number of Crashes
	Rear End	Angle	Sideswipe - Same Direction	Fixed Object - Off Road	Deer/Other Animal	Head On	Non-Collision	Other	Pedestri- an	Fixed Object - In Road	Fatal	Injury	Property Damage Only	
2010	25%	23%	22%	19%	50%	33%	0%	0%	0%	0%	0%	32%	21%	24%
2011	26%	23%	24%	25%	25%	17%	0%	100%	67%	0%	100%	27%	25%	25%
2012	25%	25%	25%	19%	13%	50%	50%	0%	33%	100%	0%	18%	27%	25%
2013	24%	30%	29%	38%	13%	0%	50%	0%	0%	0%	0%	23%	27%	26%
<b>TOTAL</b>	<b>62%</b>	<b>22%</b>	<b>10%</b>	<b>3%</b>	<b>2%</b>	<b>1%</b>	<b>0%</b>	<b>1%</b>	<b>1%</b>	<b>0%</b>	<b>0%</b>	<b>27%</b>	<b>73%</b>	<b>100%</b>