

BBAC Report on City of Beavercreek Pedestrian/Cyclist Accidents 2007 - 2011



Prepared June 4, 2011
by committee members
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Pedestrian/Cyclists Accidents 2007-2011

- Total For reporting period
 - ✦ 19 Pedestrian accidents
 - ✦ 17 Bicycling Accidents
- 2007-2009 – 20 Accidents
 - ✦ Pedestrian Accidents – 12
 - ✦ Bicycling Accidents – 8
- 2009-2011 – 16 Accidents
 - ✦ Pedestrian Accidents – 7
 - ✦ Bicycling Accidents – 9

2007-2009 Details

Qty	Date	Location	Type	Description
9		Various	Pedestrian	Parking lots, other off road
3		Crosswalks	Pedestrian	2 @ Walmart, 1 Walnut Grove
1		35 WB & Fairfield Rd.	Bicycle	Right turn on red – Fail to yield. Cyclist had right of way.
1		I-675 E & Fairfield Rd.	Bicycle	Cyclist riding north against traffic, motorist right turn on red
1		Fairfield & Dayton Xenia	Bicycle	Cyclist riding north on west side sidewalk motorist right turn on red to SB Fairfield. Cyclist had right of way.
1		Fairfield @ Church of the Nazarene	Bicycle	Cyclist riding south on sidewalk against traffic, hit by motorist turning north(right) on Fairfield.
1		Fairfield & Lakeview	Bicycle	Cyclist riding south on east side path, motorist r right turn on rd to NB Fairfield. Cyclist in crosswalk.
1		Fairfield & UTC	Bicycle	Cyclist riding south on east side path, motorist right turn on red to NB Fairfield.
1		Fairfield & Claydor	Bicycle	Cyclist riding south on east sidewalk, motorist right turn on red to NB Fairfield. Cyclist in crosswalk with signal.
1		WB Harmeling west of Fairfield	Bicycle	WB motorcyclist struck stopped bicyclist facing traffic on wrong side of road.

2009-2011 Bicycle Details

Qty	Date	Location	Type	Description
1	7/5/09	Straight Arrow & County Line	Bicycle	Cyclist in crosswalk struck by car making right turn on red . Driver cited.
1	8/19/09	Dayton Xenia and Meadowbridge	Bicycle	Cyclist struck EB on sidewalk struck by truck turning right from parking lot
1	8/24/09	Shakertown and Talowood	Bicycle	WB Cyclist turning toward Talowood. WB Motorcyclist braked and swerved to avoid cyclist. Motorcycle braked and went down. Cyclist struck. Cyclist failed to signal turn.
1	11/13/09	Kemp Rd & Fairfield	Bicycle	Cyclist SB in crosswalk at Kemp struck by motorist, right turn on red . Driver cited.
1	6/10/10	Royal Gateway and Pentagon Blvd	Bicycle	WB Cyclist struck by motorist making right turn on red. Motorist cited.
1	6/28/10	WB 35 exit and Fairfield	Bicycle	SB cyclist struck by motorist making right turn on red . Motorists left scene.
1	10/21/10	WB 35 exit and Fairfield	Bicycle	SB cyclist struck by motorist making right turn on red . Motorist cited.
1	11/25/10	Research Blvd & 35 EB exit	Bicycle	Cyclist from Research Blvd. Struck by Motorist turning WB on Research
1	3/11/11	2341 New Germany Trebein Rd. Beaver Creek Township	Bicycle	EB Cyclist fatally injured after striking dump truck turning right into driveway.

2009-2011 Pedestrian Details

Qty	Date	Location	Type	Description
1	5/30/09	Fairfield and NB Exit G	Pedestrian	NB Pedestrian struck by car making exiting south onto Fairfield making a right turn on red .
1	8/24/09	3725 Presidential Dr.	Pedestrian	Pedestrian struck by van while standing in the road blowing grass off the curb.
1	8/24/09	Dayton Xenia & Stedman	Pedestrian	Jogger struck and fatally injured by SUV while crossing Dayton Xenia Rd.
1	9/1/09	Zink Rd. and Col. Glenn	Pedestrian	Pedestrian ran into side of car stopping for light at Col Glenn.
1	5/2/10	Walnut and Plum – The Greene	Pedestrian	Pedestrian struck in crosswalk by motorist turning left.
1	5/25/10	Grange Hall & Ken Klare Dr	Pedestrian	Construction worker, stopping traffic, struck by car in construction zone.
1	11/9/10	WB 35 exit and Fairfield	Pedestrian	Pedestrian struck by motorist making right turn on red to NB Fairfield

Bicycle Accident Analysis

Right Turn on Red Accidents

- 12 of the 17 bicycle accidents (70%) were right turn on red accidents
- 3 of the 12 (25%) and 1 pedestrian accident occurred at the WB US 35 exit to North Fairfield
- All of these accidents occurred when the cyclist or pedestrian were traveling counter to the direction of traffic.
- Cyclists riding counter to traffic on sidepaths/sidewalks are placed at increased risk for right turn on red/stop Accidents.

BBAC Recommendations

- BBAC recommends for immediate implementation "No Right Turn on Red" signage for the US WB exit to North Fairfield Road. Future consideration should include left and right flashing LEDs (each side of crosswalk) and illuminated No Right Turn on Red signage when the walk light is on.
- Locations of the other right turn on red accidents should be evaluated for similar treatment.
- In 2009 BBAC recommended that city policy of providing a single sidepath for pedestrian and bicyclist use be modified to include "On Street" facilities for bicyclists. Such facilities are now planned for upgrades on Grange Hall Road, Dayton Xenia and Shakertown.
- Upgrades planned for North Fairfield, Factory, Kemp, Commons Blvd. and New Germany Trebein should be modified to reflect "On Street" cyclist facilities.

BBAC Recommendations (cont.)

- BBAC recommendations for “On Street” facilities have been included in an annex to the City of Beavercreek Thoroughfare plan. We anticipate that the updated thoroughfare plan will reflect the “Complete Streets” plan encouraged by the MVRPC to adopt street improvements that are suitable for motorists, cyclists, pedestrians, and other users of the public right of way.
- Efforts to promote cyclist “Street Smarts” education will be undertaken by the committee. It is anticipated that this can be accomplished by wider distribution of the "Streets Smart" pamphlet, Committee led Neighborhood/Community rides, articles in local newspapers, presentations on the public access television channel, the Bridge Builder, In Touch, wider distribution of the BBAC minutes via our Facebook link to Beavercreek cyclists, partnership with the Police Department, School Board, and the Chamber of Commerce