

2040 LRTP Project 38 Priority Evaluation

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Table of Content

Introduction | 3

2040 LRTP Project 38 Priority Evaluation Matrix | 4-5

Intersection Priority Evaluation Information Sheets | 6-43

Intersection Evaluation Map | 44-45

Appendix 1: Tabulation by Intersection of Pedestrian & Bicyclist Safety Scores | 46-53

Appendix 2: Intersection by Numerical Order of Pedestrian Safety Scores | 55

Appendix 3: Intersection Ranking by Morgantown Pedestrian Safety Plan |56

Appendix 4: Intersection by Numerical Order of Bicyclist Safety Scores | 57

Introduction

This report has been prepared to provide an evaluation tool for prioritizing intersection and corridors listed in Project 38 in 2040 Long Range Transportation Plan. It is meant to inform committee members with fact-based data, to facilitate informed decision making.

The prioritization of projects and intersections will advise the WV Department of Transportation on project programming the area. MPO staff will evaluate each project in the LRTP in the order established by this prioritization.

The pedestrian and bicycle safety scores presented in the report are based on the Pedestrian and Bicyclist Intersection Safety Indices (2007) developed for the Federal Highway Administration. Pedestrian safety variables used include type of intersection control, number of through lanes, 85th percentile vehicle speed, main street traffic volume, and area type. Bicycle safety variables used include presence of bicycle lane, main and cross street traffic volumes, number of through lanes, and presence of on-street parking, main street speed limit, and others. For rating purposes, the lower the score, the safer the area under study. A score of 1 is the safest possible condition. A score of 6 is an unsafe condition.

Although the safety indices allow MPO staff proactively prioritize intersections with respect to pedestrian and bicycle safety, it should be noted that:

- To validate the safety scores for pedestrians and bicyclists, local experience needs to be consulted to provide the contextual knowledge of the condition of each intersection with respect to pedestrians and bicyclists.
- Some elements negatively impacting the safety of pedestrians and bicyclists are not counted in the safety scores. These factors include, but are not limited to, excessive slopes, limited sight distances, and prevailing turning vehicular traffic.
- Pedestrian safety score has only been calculated at intersections where at least one leg is equipped with crosswalk markings.

In addition, numbers and scores shown in the evaluation matrix are intended to serve only as an advisory element, to provide background information for the decision making process. It does not dictate the final priority score and ranking of projects.

LRTP Project 38 Priority Evaluation Matrix

Intersection #	Intersection Name ⁽¹⁾	Total Crash ⁽²⁾	Injuries ⁽³⁾	Pedestrian Crossing Improvement ⁽⁴⁾	Pedestrian Safety Score ⁽⁵⁾⁽⁶⁾⁽⁷⁾	Bicycle Safety Score ⁽⁸⁾⁽⁹⁾	<u>Record Your Score Here</u> From 1 (least/lowest) to 10 (most/highest)			
							Feasibility	Mobility	Preference	Priority Score
1	West Run Rd & Van Voorhis Rd	2	0	N/A	N/A	2.03				
2	West Run Rd & Stewartstown Rd	33	10	N/A	N/A	2.38				
3	West Run Rd & Point Marion Rd	10	5	N/A	N/A	2.25				
4	Stewartstown Rd & Point Marion Rd	13	5	N/A	N/A	2.73				
5	Van Voorhis Rd & WV 705	84	22	N/A	3.10	3.22				
6	Stewartstown Rd & WV 705	53	27	N/A	N/A	3.36				
7	Patteson Dr & Monongahela Blvd	145	36	N/A	N/A	3.05				
8	University Ave & Collins Ferry Rd	12	3	N/A	2.10	2.23				
9	Patteson Dr & Laurel St	49	21	Yes	N/A	2.66				
10	Patteson Dr & Baldwin St	15	1	N/A	N/A	2.66				
11	Monongahela Blvd & Evansdale Dr	19	2	Yes	N/A	2.73				
12	Christy St & Van Voorhis Rd	52	18	N/A	N/A	2.66				
13	Hartman Run Rd & Hart Field Rd (North)	2	1	N/A	N/A	2.11				
14	Hartman Run Rd & Hart Field Rd (South)	1	0	N/A	N/A	2.11				
15	Stewarts St & Protzman St	13	1	N/A	N/A	1.96				
16	Stewarts St & University Ave	14	4	N/A	2.10	2.40				
17	Campus Dr & Beechurst St	28	9	N/A	2.16	2.46				
18	University Ave & Prospect St	9	1	N/A	2.10	2.05				
19	University Ave & Beechurst St	51	7	N/A	2.23	2.97				
20	University Ave & Walnut St	28	10	Yes	2.55	2.77				
21	University Ave & Pleasant ST	50	25	Yes	2.60	2.96				
22	University Ave & Foundry St	21	9	Yes	2.45	2.56				
23	High St & Willey St	19	4	N/A	2.10	2.05				
24	High St & Fayette St	23	10	N/A	2.00	2.17				
25	High St & Walnut St	26	2	N/A	2.25	2.30				
26	Spruce St & Walnut St	38	6	N/A	2.10	2.20				
27	Spruce St & Pleasant St	28	6	N/A	2.17	2.08				
28	Willey St & Prospect St	7	4	N/A	N/A	1.92				

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Intersection #	Intersection Name	Total Crash	Injuries	Pedestrian Crossing Improvement	Pedestrian Safety Score	Bicycle Safety Score	Record Your Score Here From 1 (least/lowest) to 10 (most/highest)			
							Feasibility	Mobility	Preference	Priority Score
29	Greenbag Rd & Earl L Core Rd	29	10	N/A	N/A	2.56				
30	Greenbag Rd & Diamond Ave	0	0	N/A	N/A	1.98				
31	Greenbag Rd & Dorsey Ave	8	3	N/A	N/A	2.45				
32	Grafton Rd & Smithtown Rd	23	16	N/A	N/A	2.50				
33	Cheat Rd & N Pierpont Rd	5	3	N/A	N/A	2.23				
34	Cheat Rd & Tyrone Avery Rd	8	2	N/A	N/A	2.06				
35	Tyrone Rd & Tyrone Avery Rd	1	0	N/A	N/A	2.01				
36	Fort Martin Rd & WV 100	5	2	N/A	N/A	1.91				

⁽¹⁾Listed Intersections are the priority safety improvements locations as listed in LRTP (2013-2040).

⁽²⁾Crash data is from WV DOH Crash Data Base (2009-2011).

⁽³⁾Only motorist injuries are listed. For non-motorist injuries, consult each evaluation information sheet.

⁽⁴⁾identified as a priority pedestrian crossing improvements location in LRTP (2013-2040)

⁽⁵⁾The Pedestrian Safety Score is the average of scores for all legs with pedestrian crossing marking at the subject

intersection, each of which is calculated using Pedestrian Bicyclist Intersection Safety Indices Methodology developed for the Federal Highway Administration.

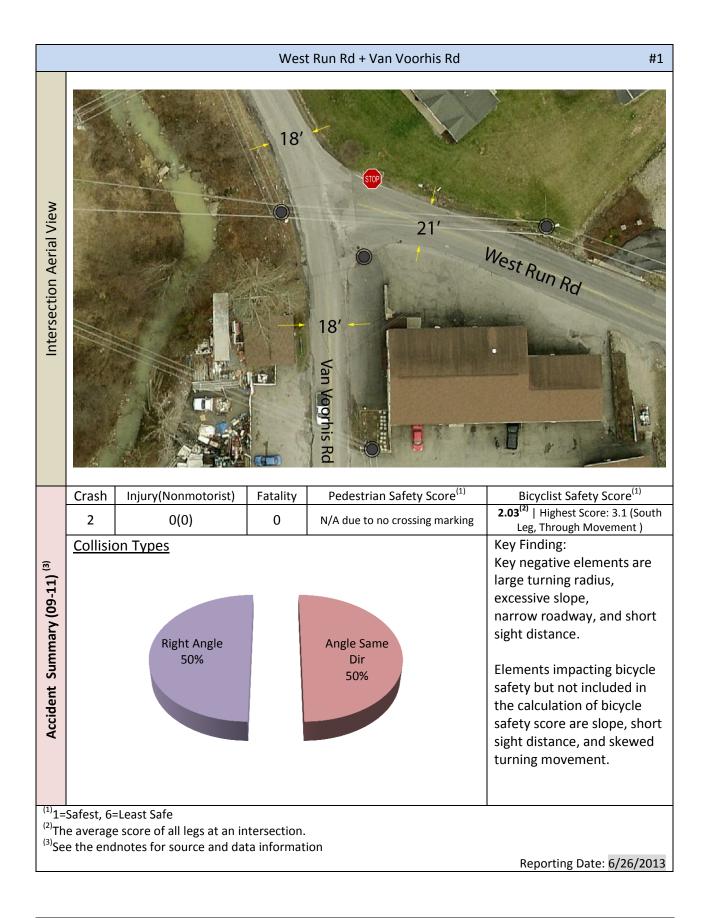
⁽⁶⁾Only legs with crosswalk marking are counted.

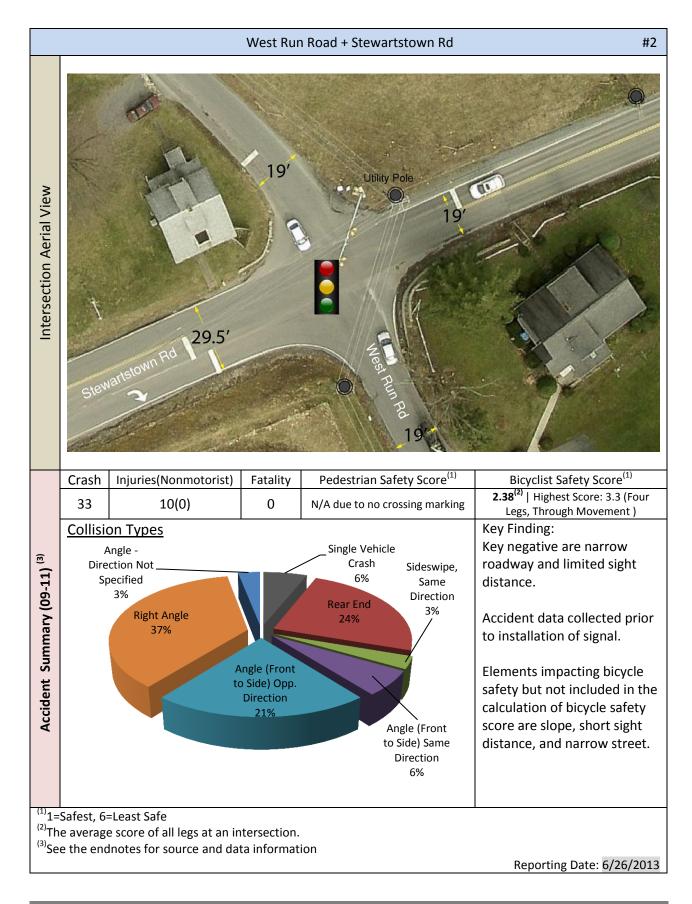
⁽⁷⁾The higher the score, the lower the safety. (1=safest and 6=least safe).

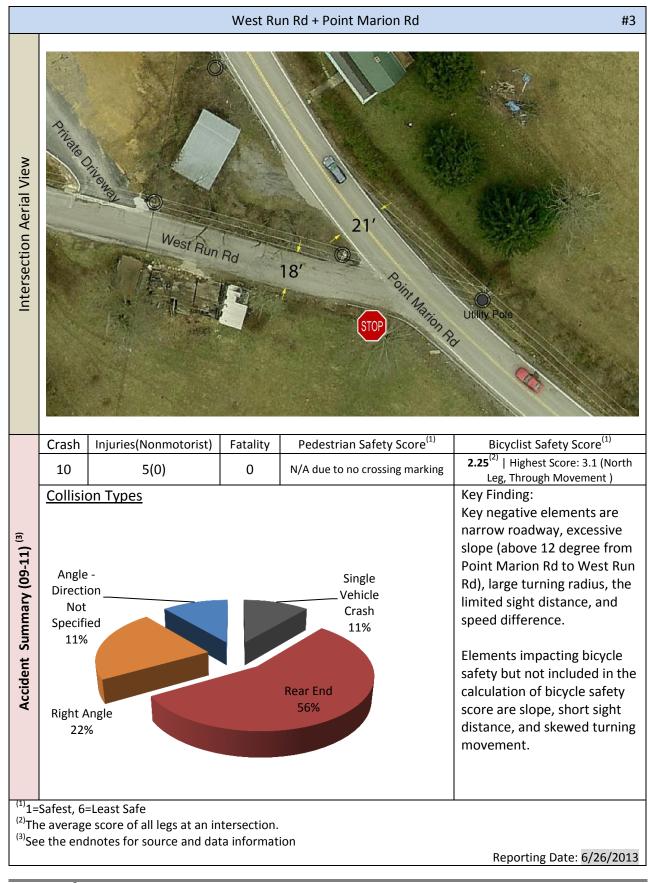
⁽⁸⁾The Bicycle Safety Score is the average of scores for all through movements at the subject intersection, each of which is calculated using Pedestrian Bicyclist Intersection Safety Indices Methodology developed for the Federal Highway Administration.

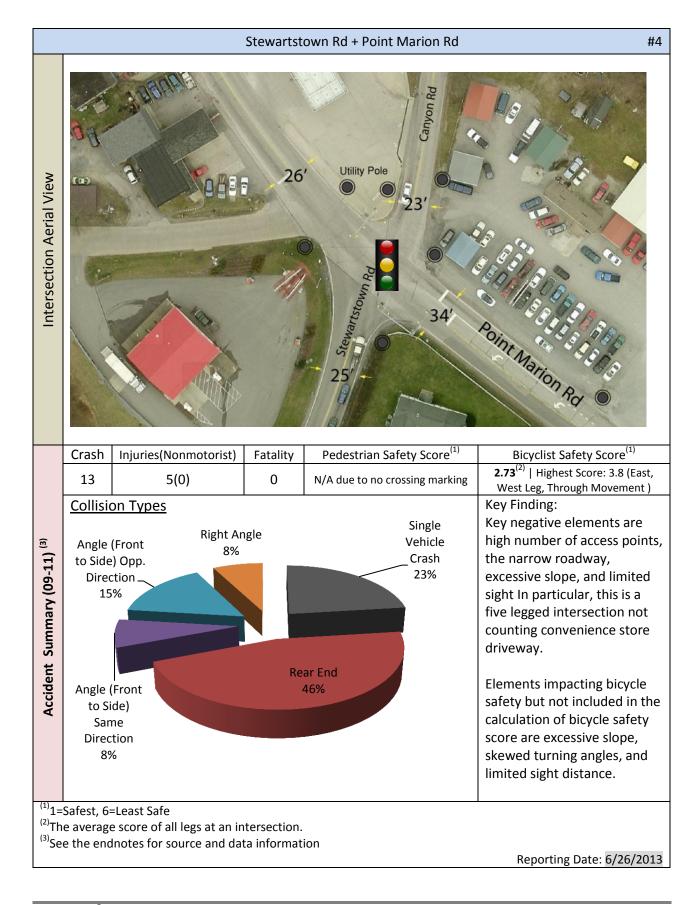
⁽⁹⁾Some location-specific elements impacting bicycle safety are not counted, such as slope and short sight distance.

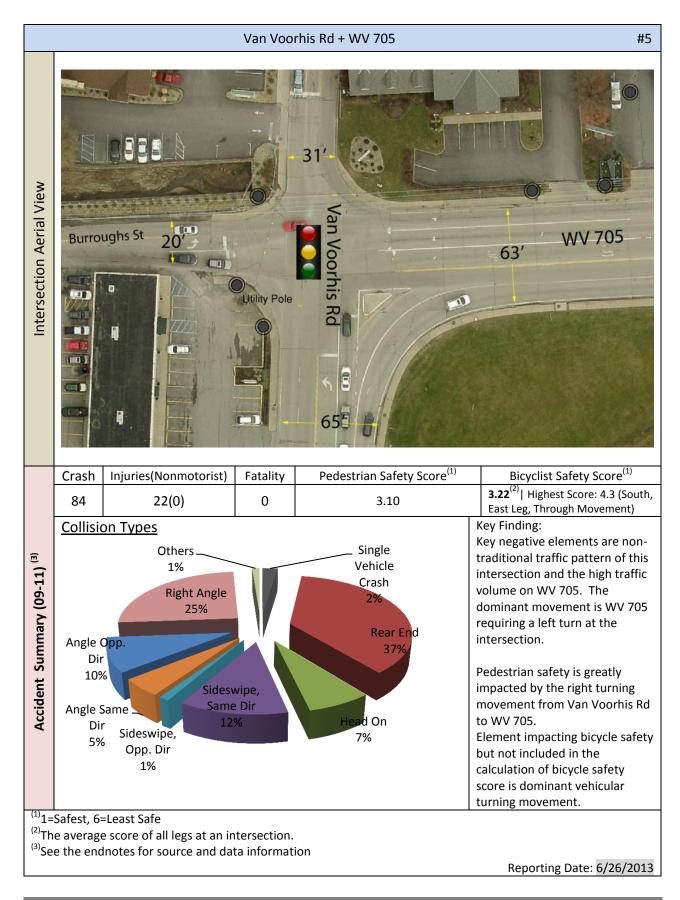
Intersection Priority Evaluation Information Sheets

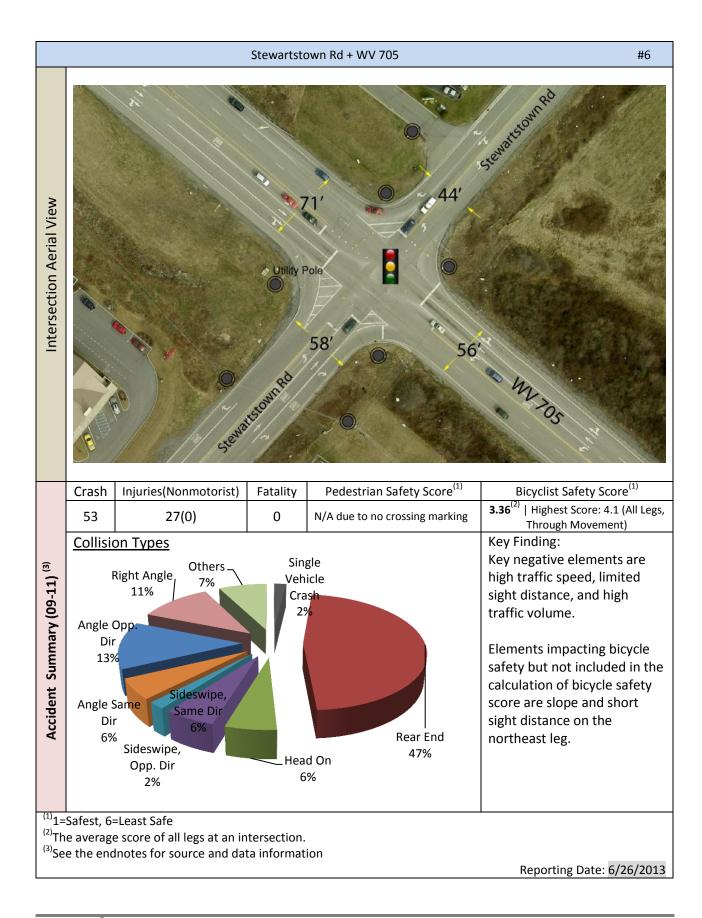


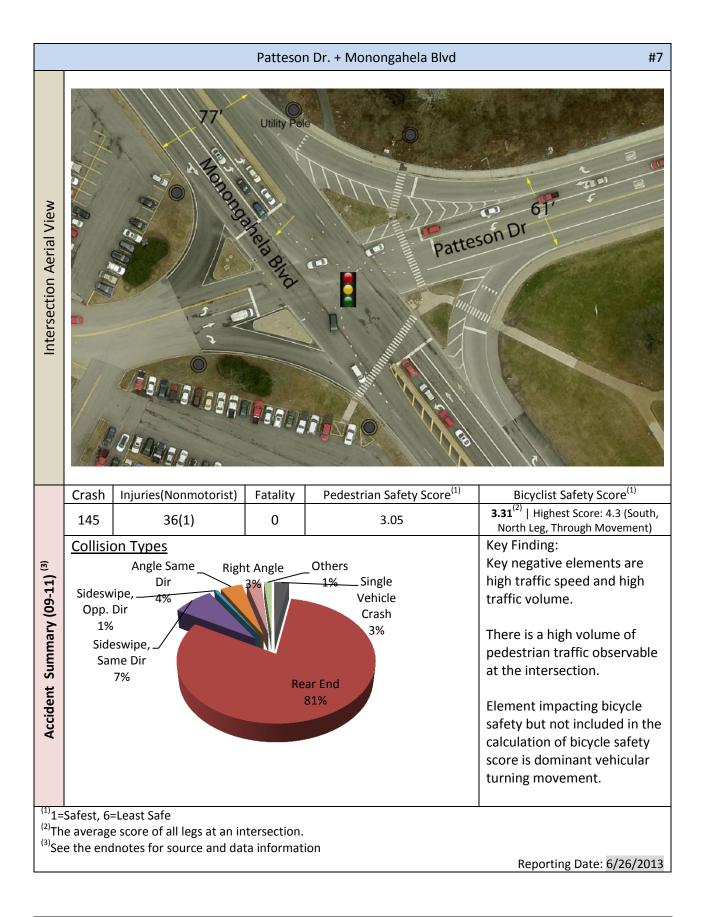


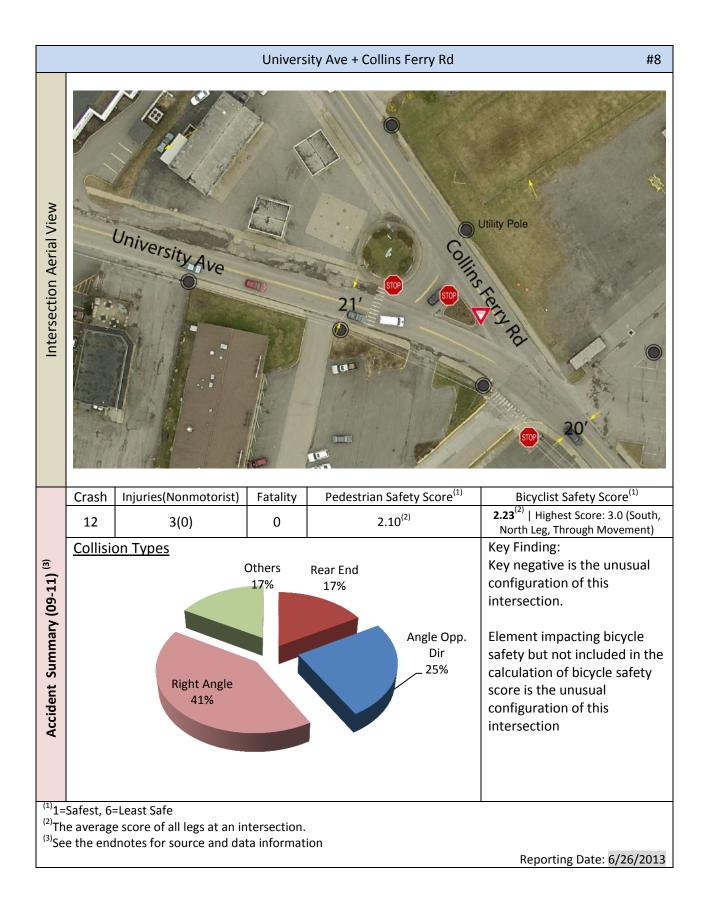


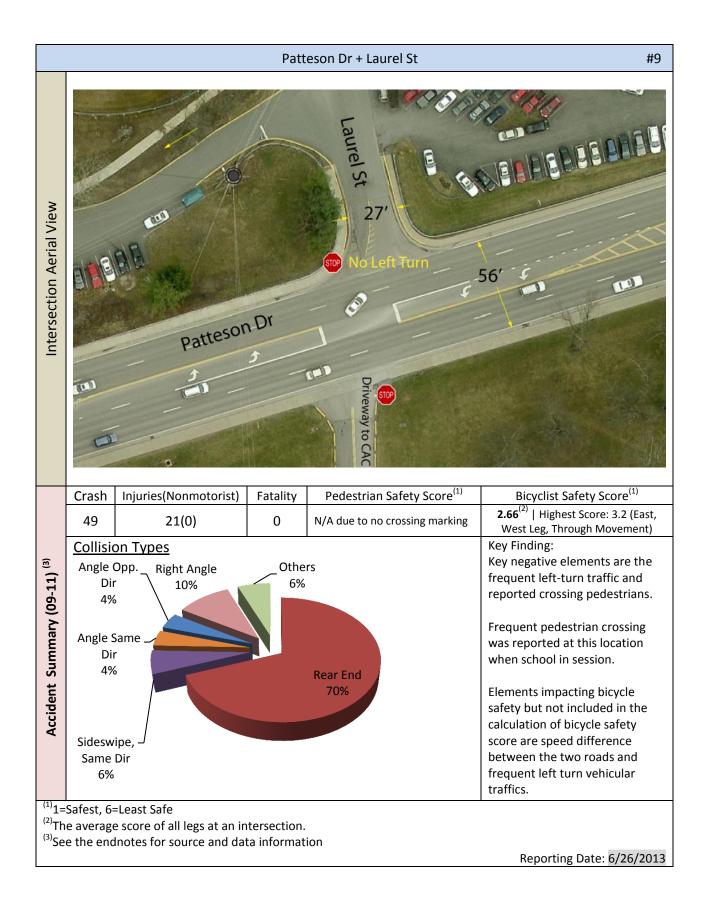


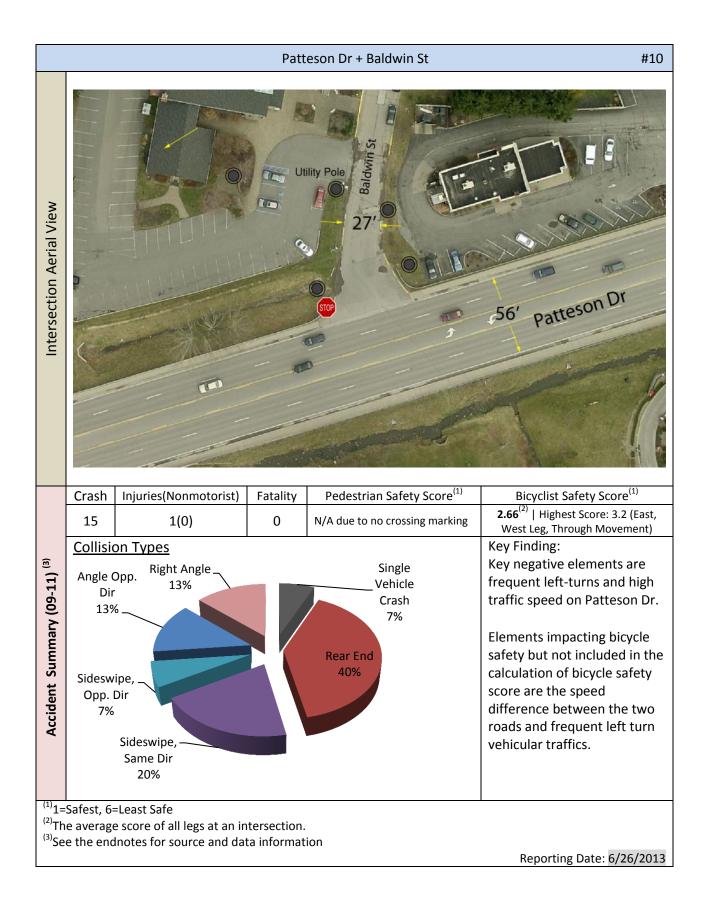


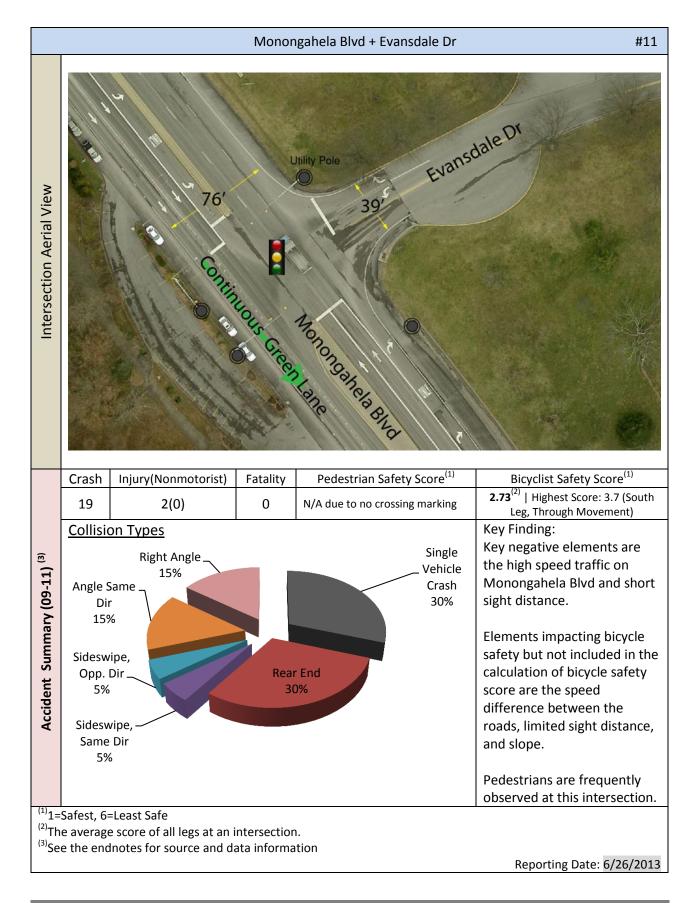


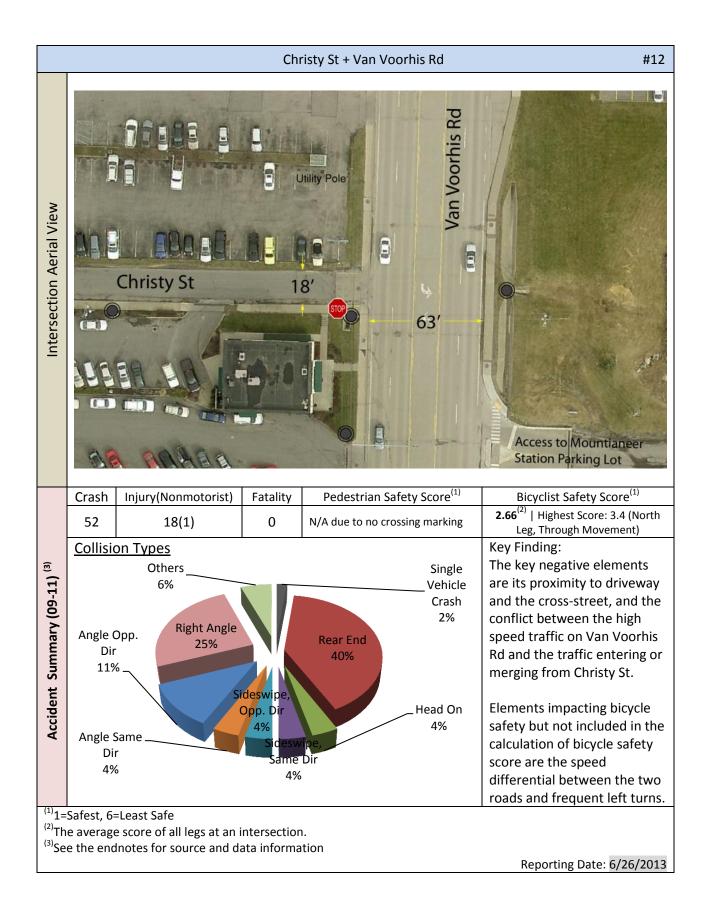


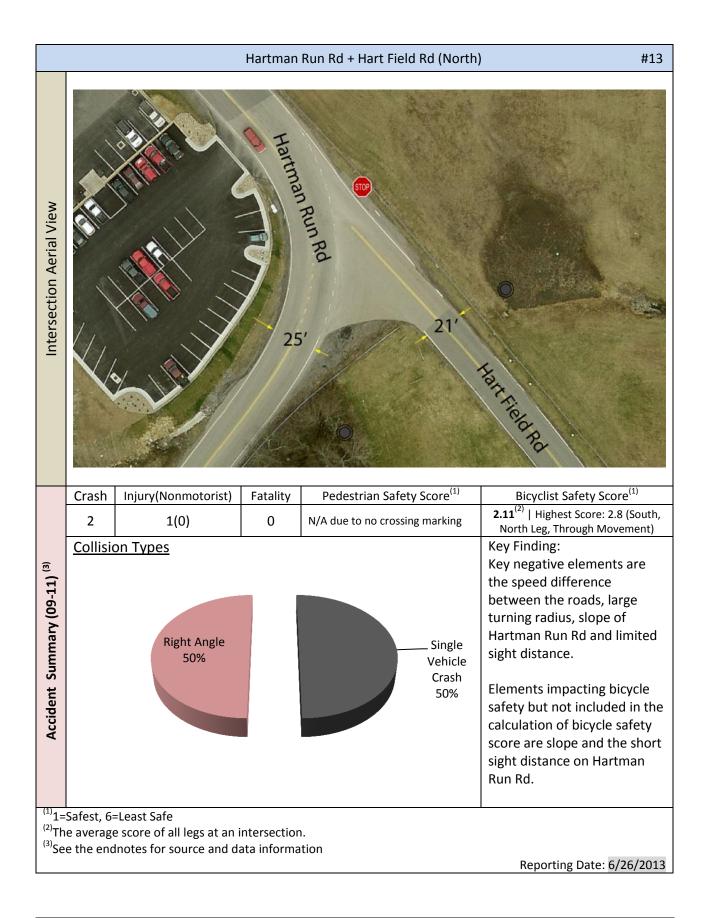


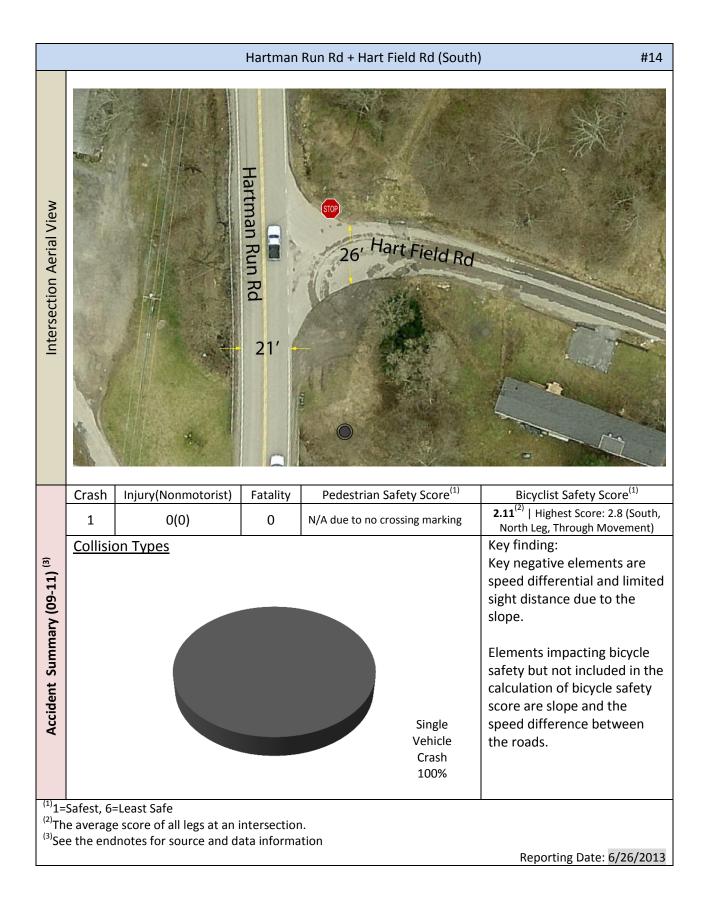


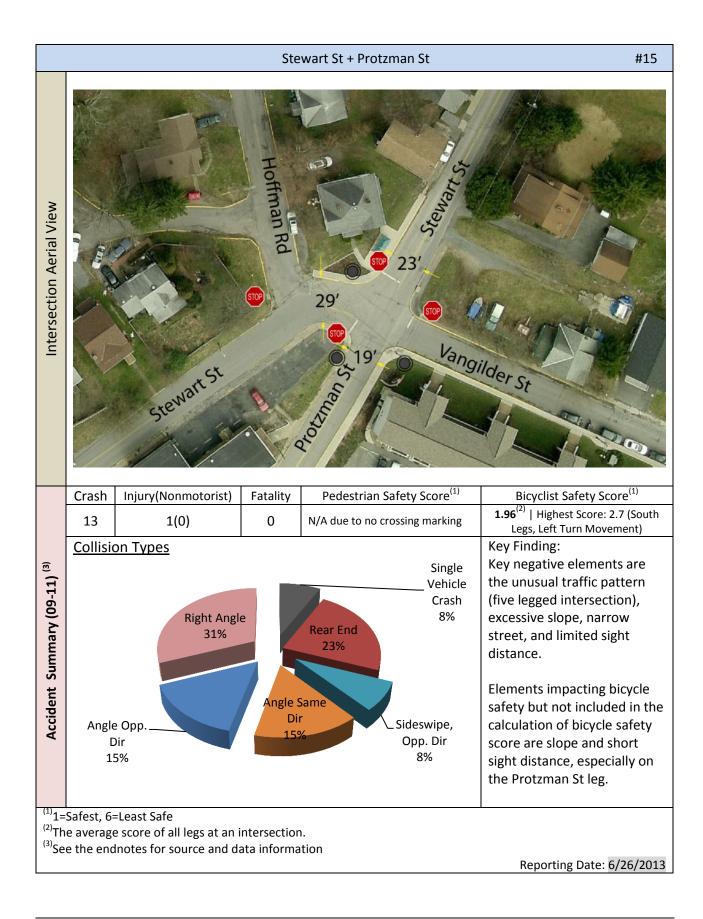


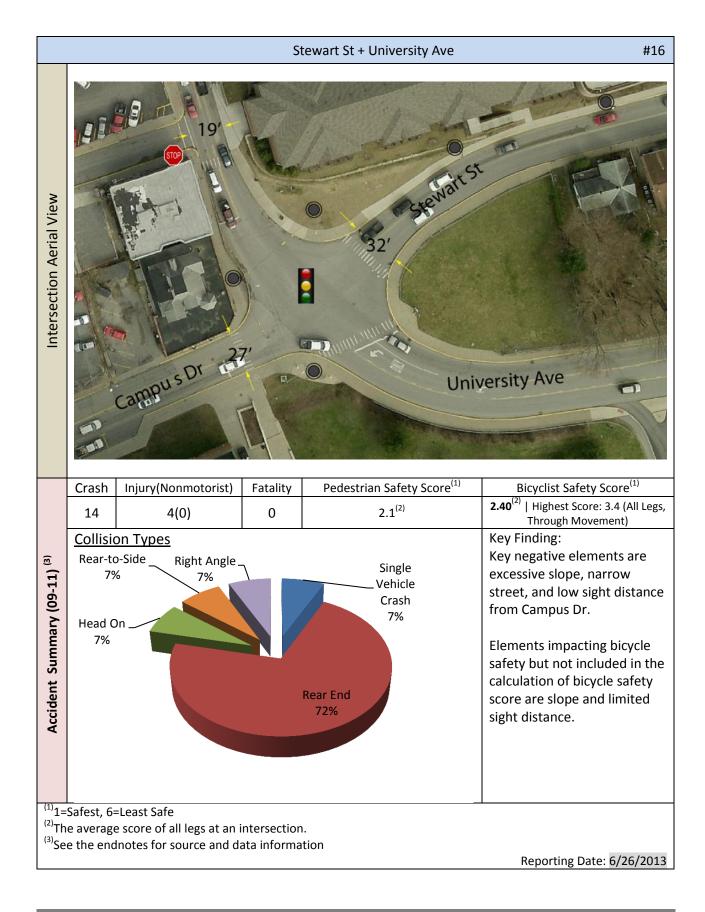


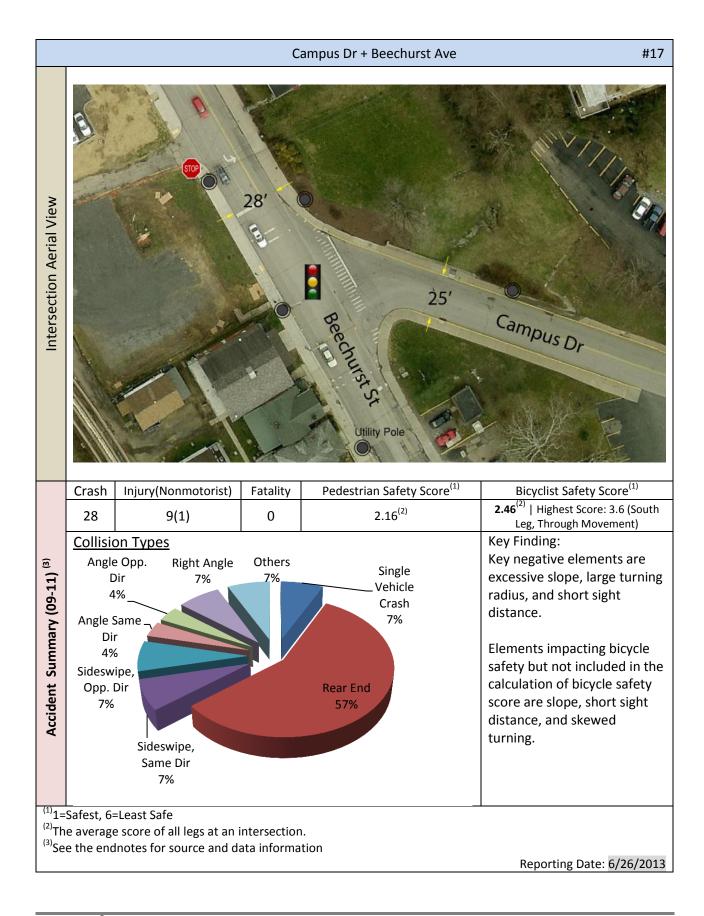


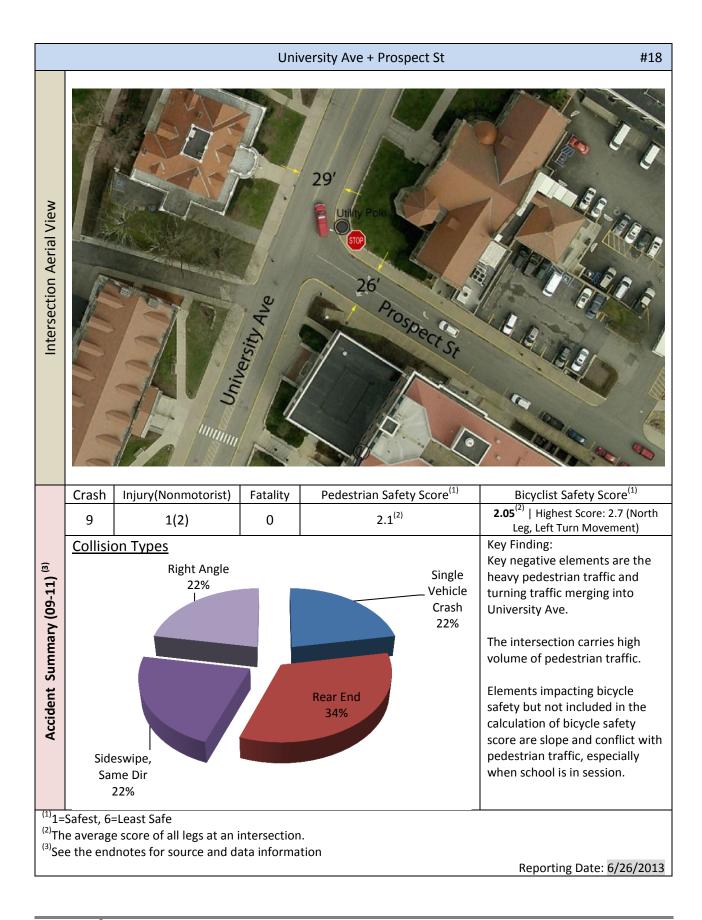


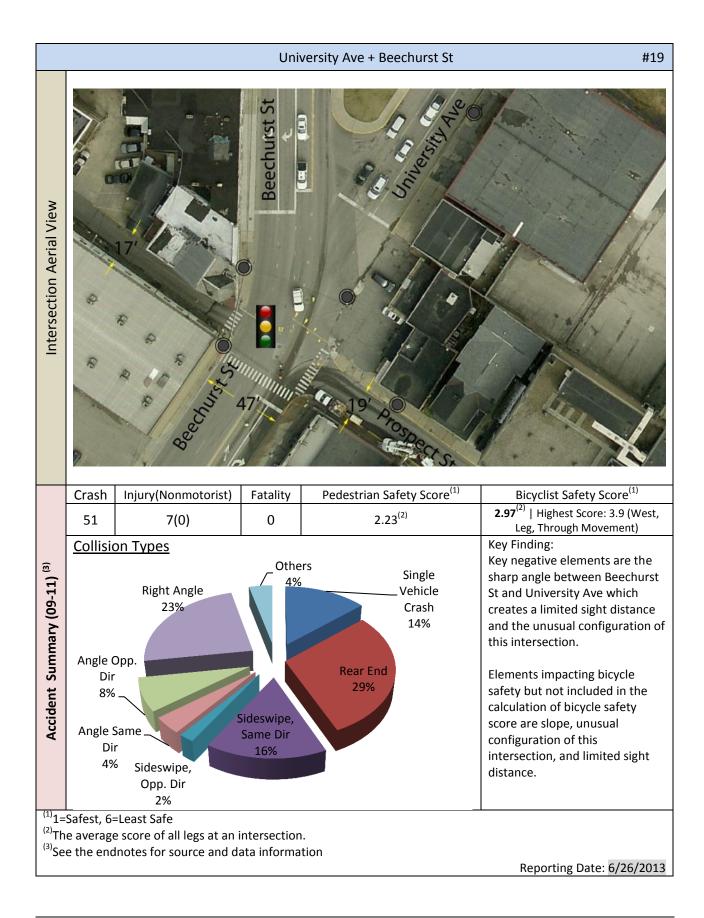


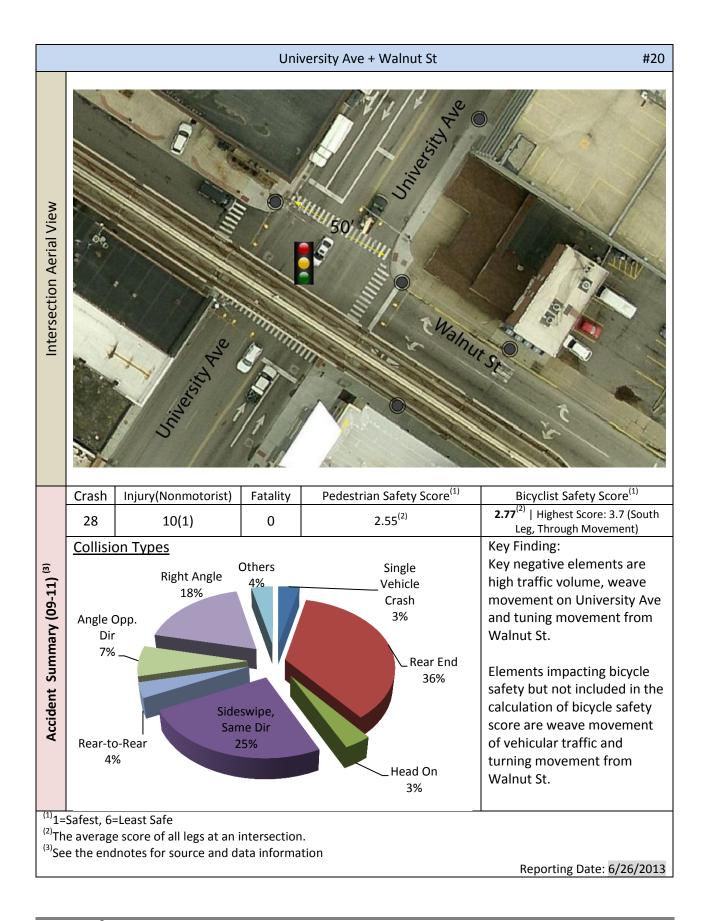


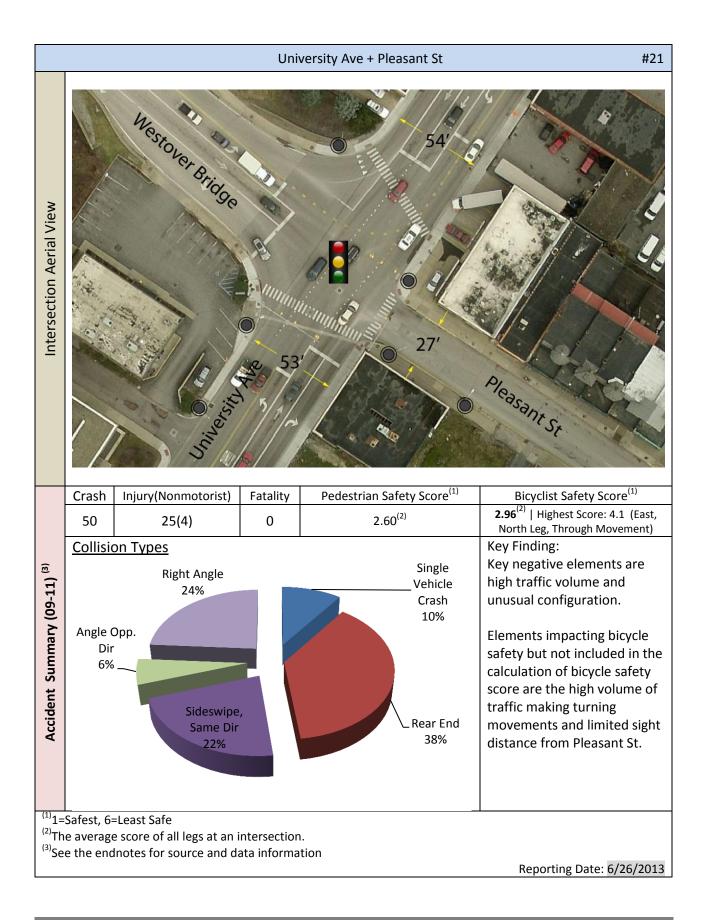


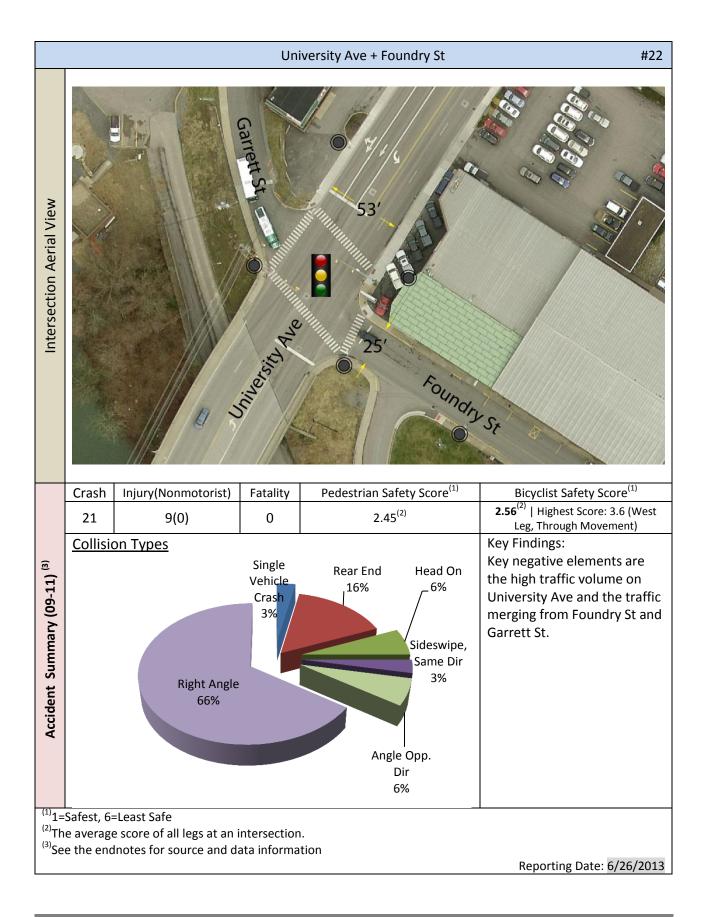


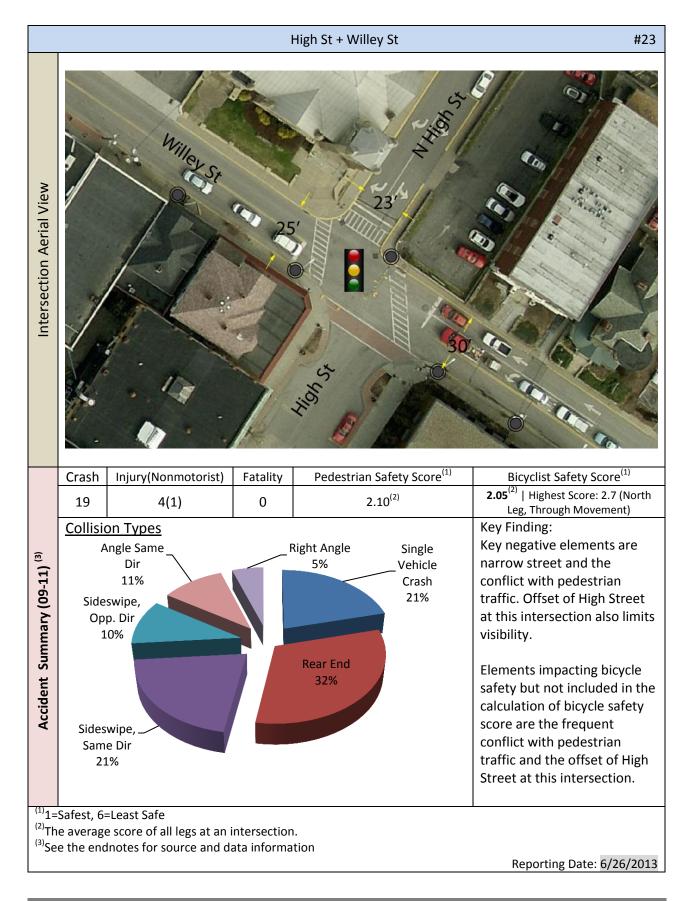


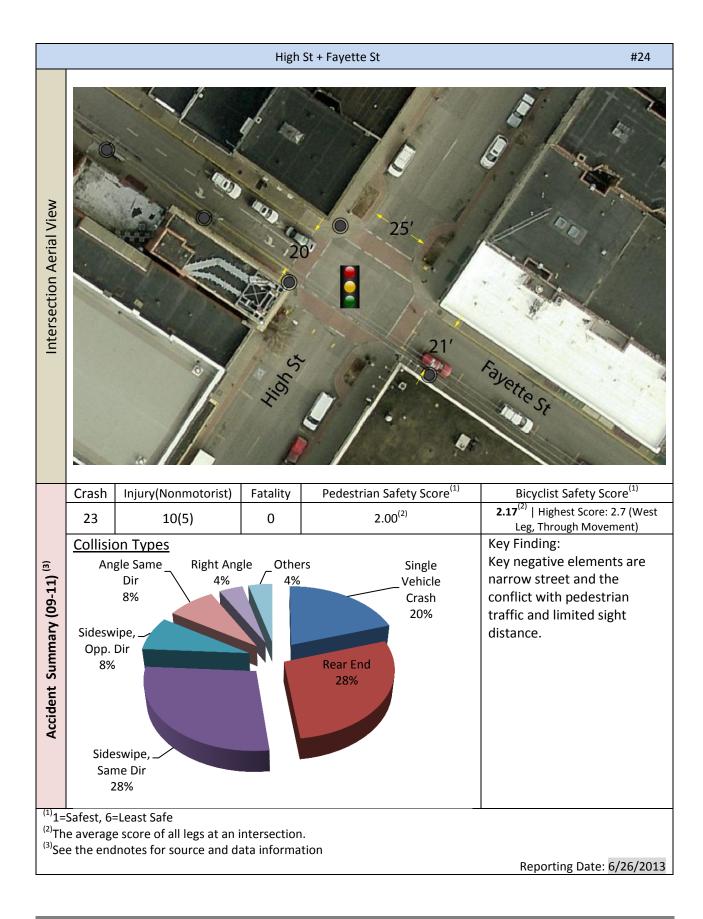


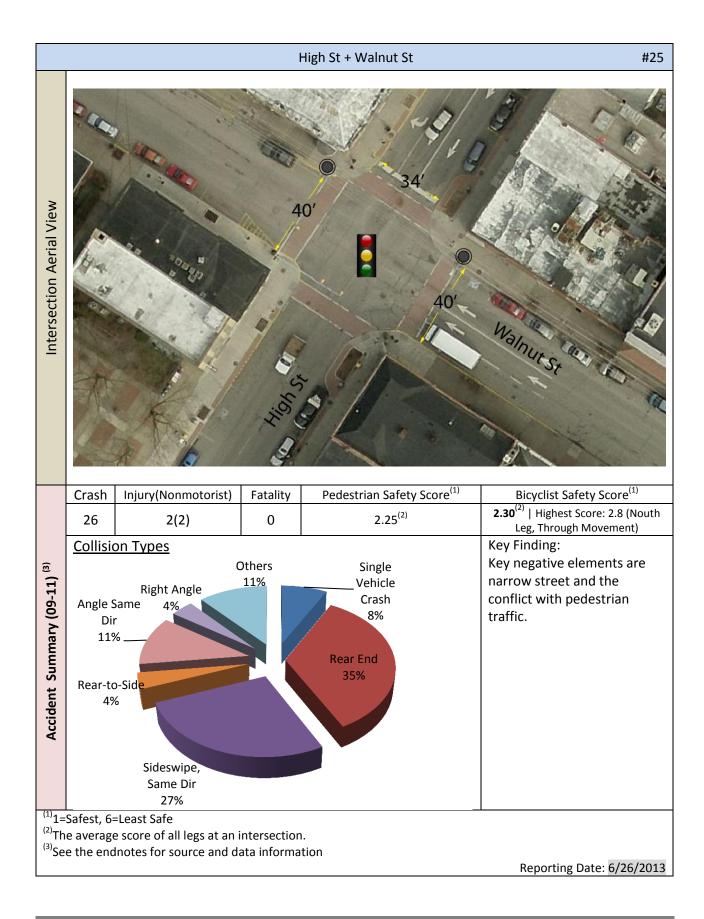


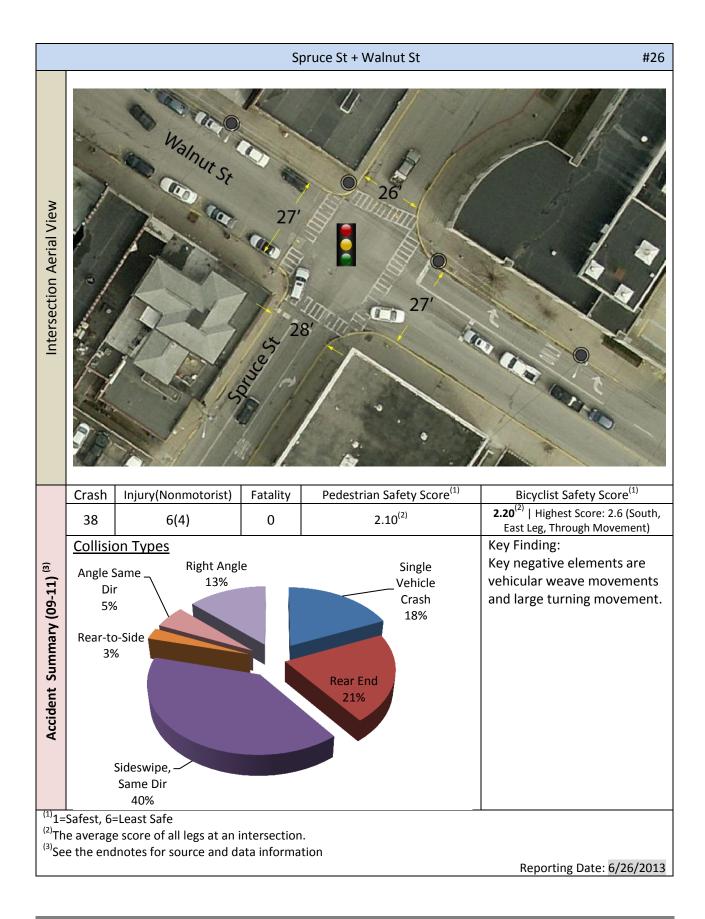


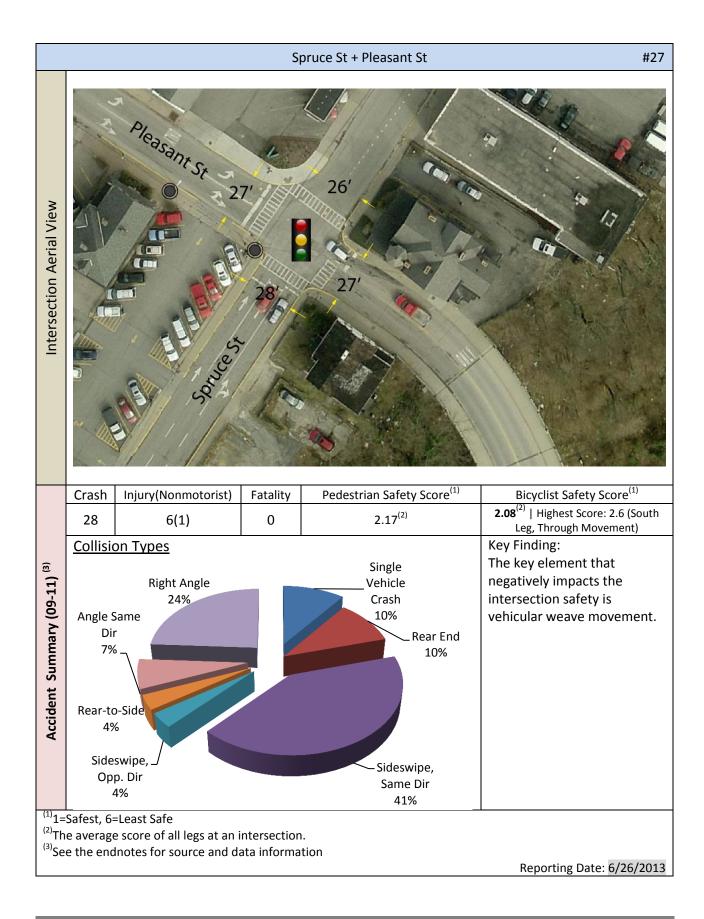


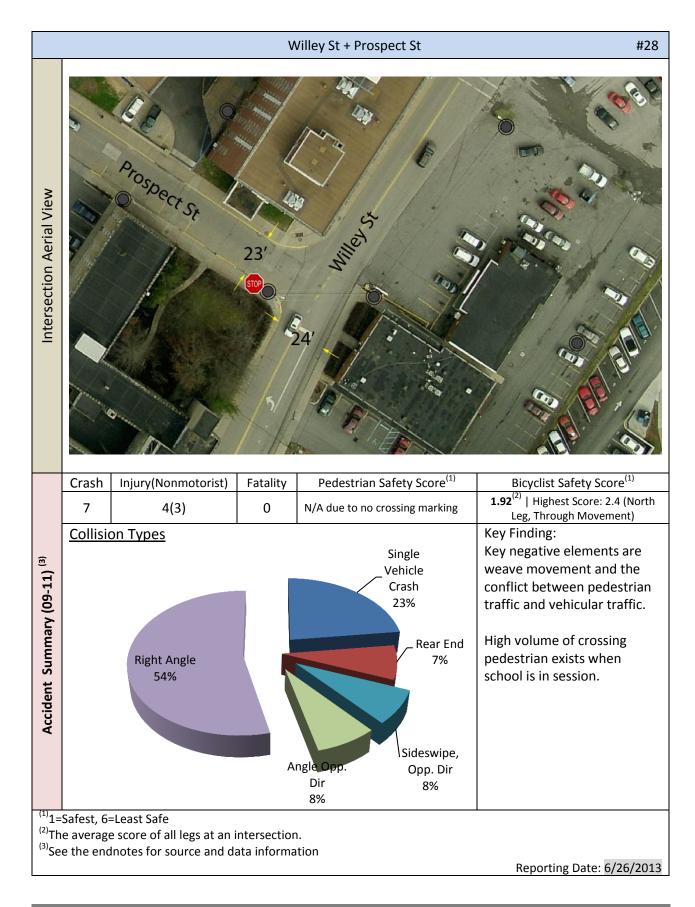


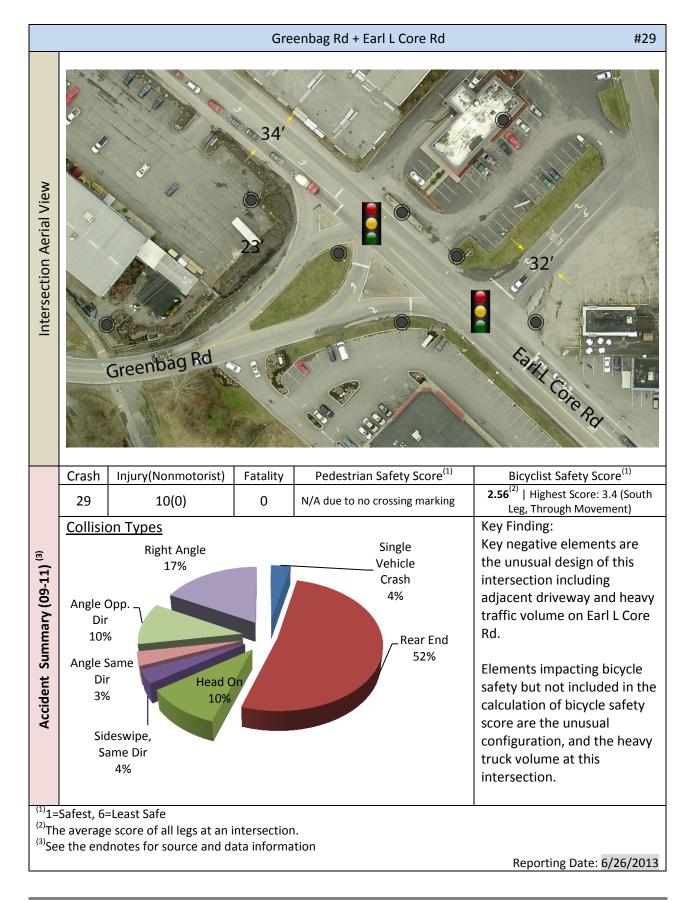


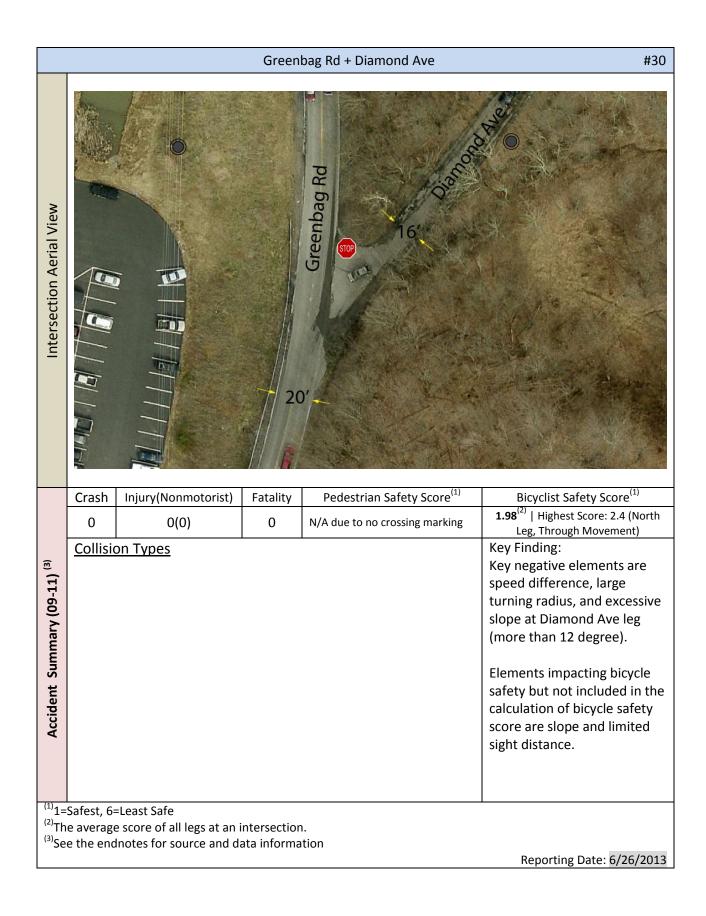


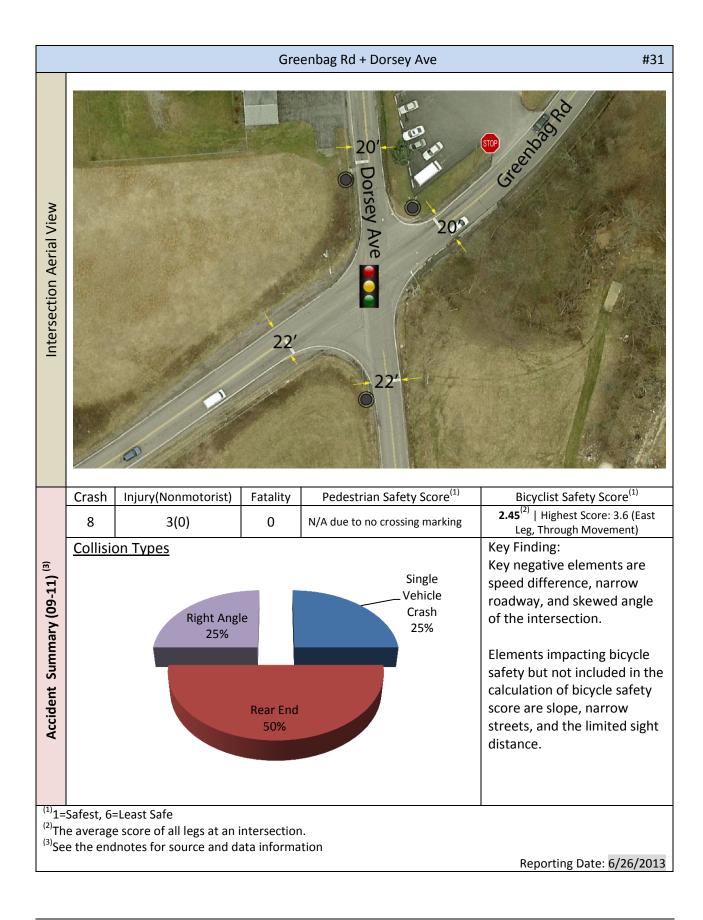


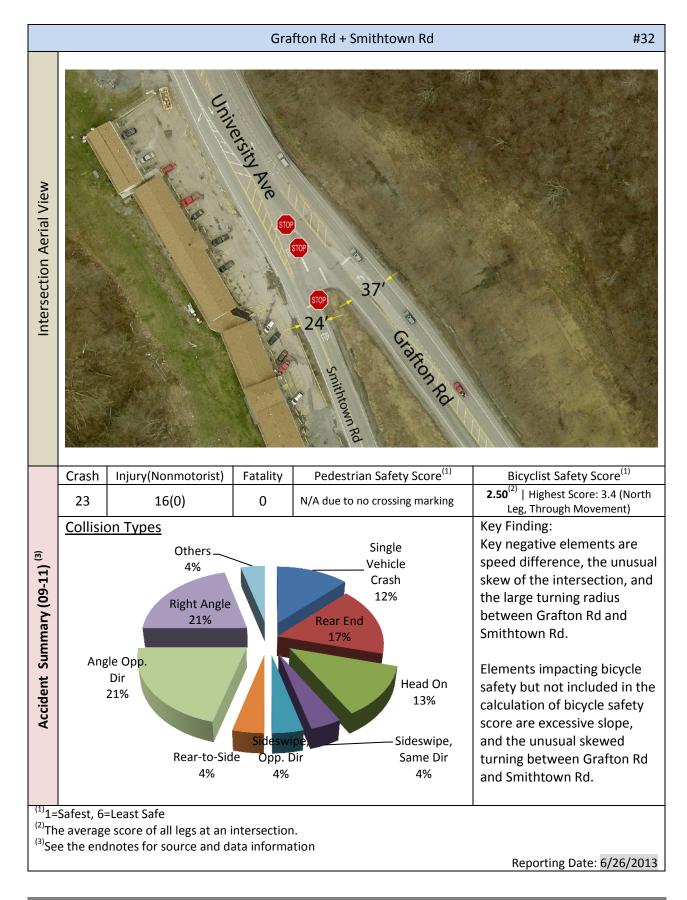


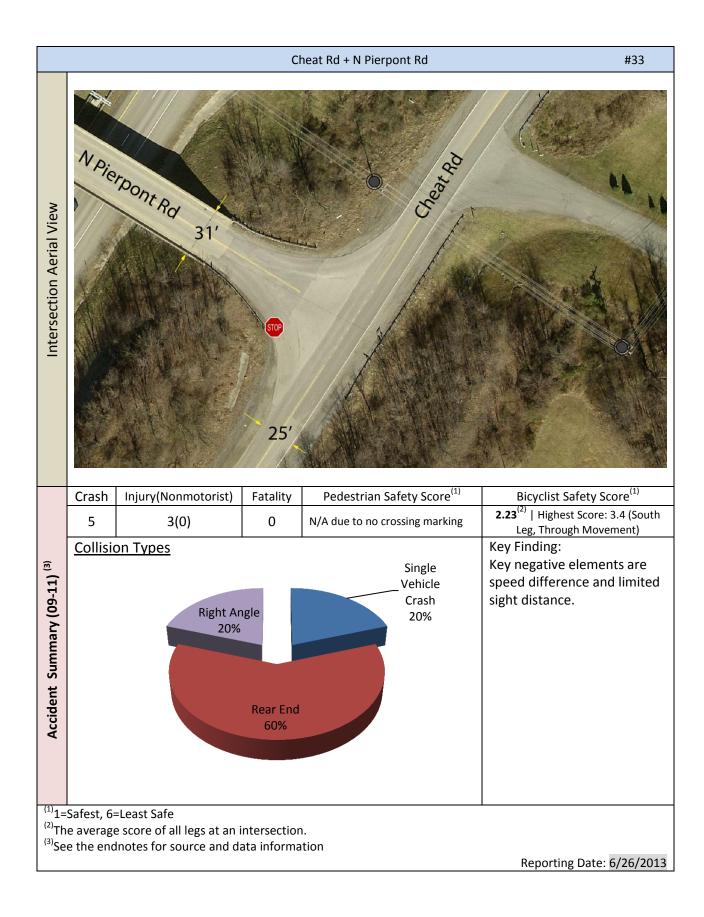


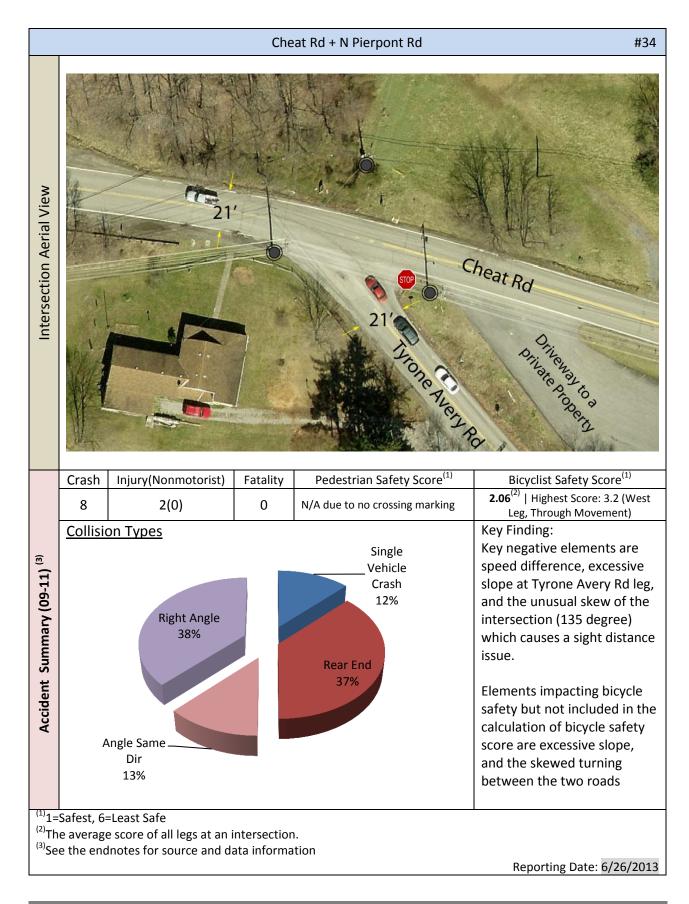


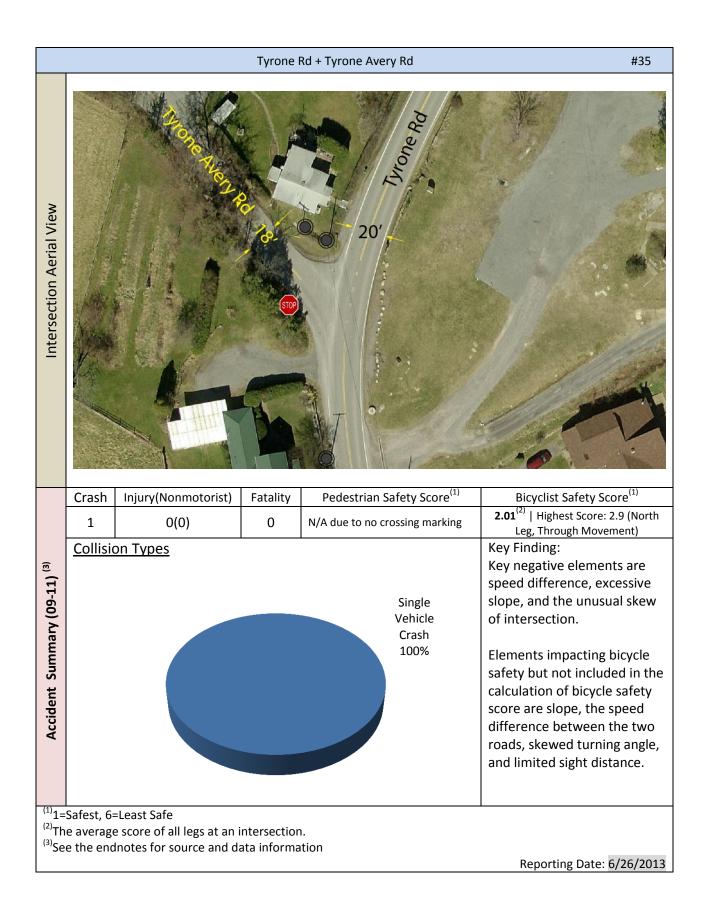


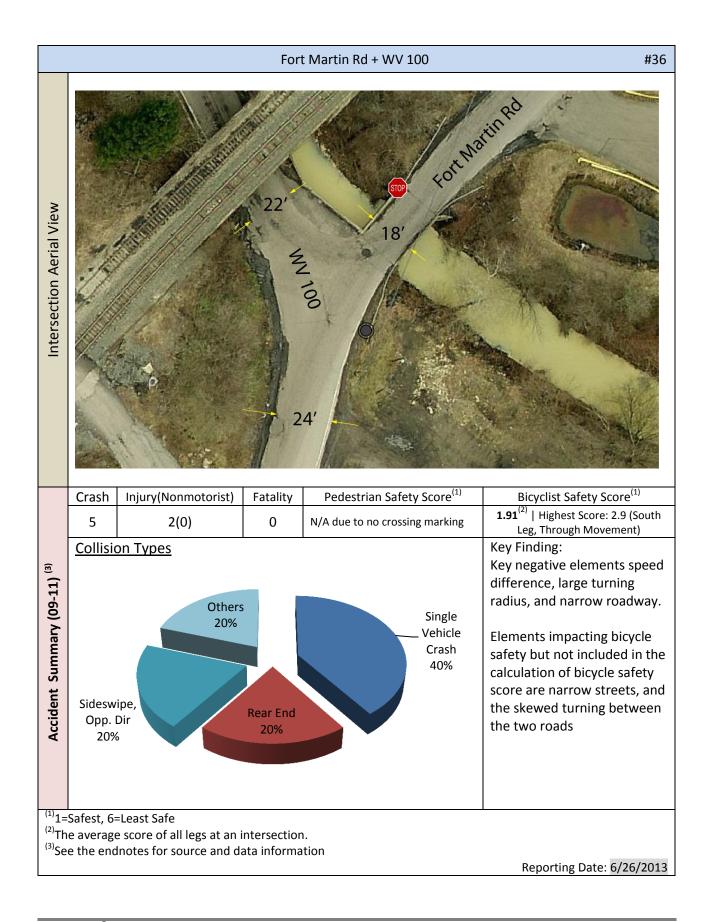












--End Notes--

(1) Roadway width is measured from 2012 Monongalia County Pictometry.

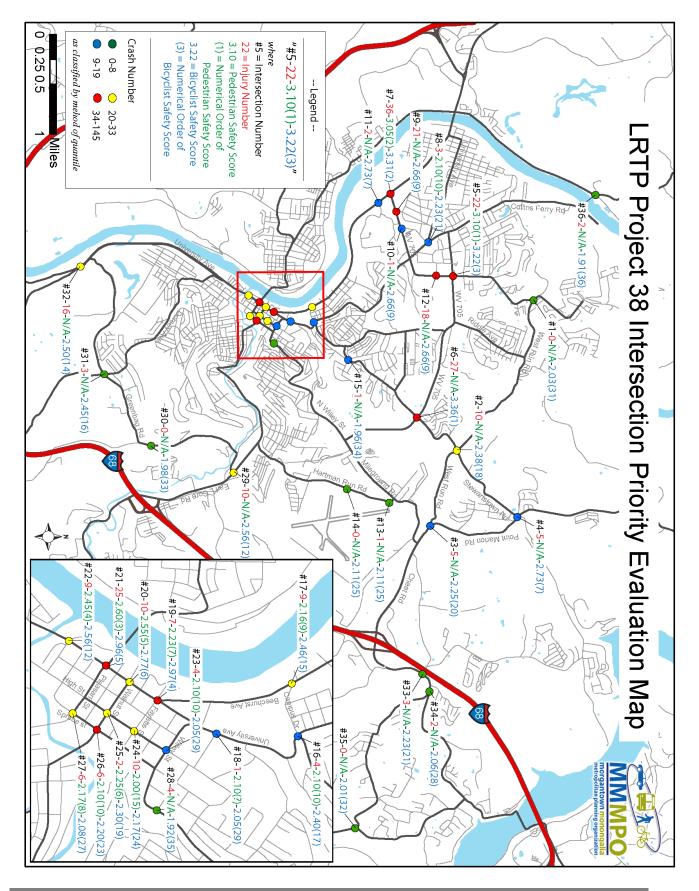
(2) Accident summary is based WV Department of Highway Crash Data Base (2009-2011).

(3) The Pedestrian Safety Score is the average of scores for all legs with pedestrian crossing marking at the subject intersection, each of which is calculated using Pedestrian Bicyclist Intersection Safety Indices Methodology developed for the Federal Highway Administration.

(4) The Bicycle Safety Score is the average of scores for all through movements at the subject intersection, each of which is calculated using Pedestrian Bicyclist Intersection Safety Indices Methodology developed for the Federal Highway Administration.

(5) ADT volumes used in calculating Pedestrian and Bicycle Safety Score are based on 2013 Traffic Count or MPO Traffic Modeling Scenario 1 in Long Range Transportation Plan (2013-2040)

Intersection Evaluation Map



Appendix 1: Tabulation	of Pedestrian &	Bicyclist Safety Scores
Appendix 1. Tabulation	of i cucstillari d	Dicyclist Jarcty Jeores

#1: West Run Rd + Van Voorhis Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	
South Leg	Т	3.1	
	R	1.8	
	L	1.6	
East Leg	Т	N/A	
	R	1.5	2.03
	L	1.7	2.05
North Leg	Т	2.5	
	R	N/A	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#2: West Run Road + Stewartstown Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	2.1	
South Leg	Т	3.3	
	R	1.7	
	L	2.2	
East Leg	Т	3.3	
	R	1.8	2 20
	L	2	2.38
North Leg	Т	3.3	
	R	1.5	
	L	2.2	
West Leg	Т	3.3	
	R	1.8	
Pedestrian Safety Score			
N/A due to	no crossing	g marking	

#3: West Run Rd + Point Marion Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
		2	Score
	L	2	
South Leg	Т	2.4	
	R	N/A	
	L	N/A	
East Leg	Т	N/A	
	R	N/A	2.25
	L	N/A	2.25
North Leg	Т	3.1	
	R	2.4	
	L	1.6	
West Leg	Т	N/A	
	R	1	
Pedestrian Safety Score			
N/A due to no crossing marking			

#4: Stewartstown Rd + Point Marion Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	2.7	
South Leg	Т	3.7	
	R	2.1	
	L	2.3	
East Leg	Т	3.8	
	R	1.7	2.73
	L	2.7	2.75
North Leg	Т	3.7	
	R	2.1	
	L	2.4	
West Leg	Т	3.8	
	R	1.8	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#5: Van Voorhis Rd + WV 705			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	3.3	
South Leg	Т	4.3	
	R	2.6	
	L	3.7	
East Leg	Т	4.3	
	R	2.3	3.22
	L	3.2	3.22
North Leg	Т	4.1	
	R	1.8	
	L	3.2	
West Leg	Т	4.1	
	R	1.8	
Pedestrian Safety Score			
	3.10		

#6: Stewartstown Rd + WV 705			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	3.7	
South Leg	Т	4.1	
	R	2.3	
	L	3.4	
East Leg	Т	4.1	
	R	2.4	2.26
	L	3.7	3.36
North Leg	Т	4.1	
	R	2.6	
	L	3.4	
West Leg	Т	4.1	
	R	2.4	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#7: Patteson Dr. + Monongahela Blvd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	3.5	
South Leg	Т	4.3	
	R	2.6	
	L	3.5	
East Leg	Т	3.8	
	R	2.6	3.31
	L	3.5	5.51
North Leg	Т	4.3	
	R	2.3	
	L	3	
West Leg	Т	3.8	
	R	2.6	
Pedestrian Safety Score			
	3.05		

#8: West Run Rd + Point Marion Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	
South Leg	Т	3	
	R	1.8	
	L	1.8	
East Leg	Т	N/A	
	R	1.5	2.23
	L	2.3	2.25
North Leg	Т	3	
	R	N/A	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
2.10			

#9: Patteson Dr + Laurel St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
	Dir.	N1 / A	Score
	L	N/A	
South Leg	Т	N/A	
	R	N/A	
	L	N/A	
East Leg	Т	3.2	
	R	2.1	2.66
	L	3	2.00
North Leg	Т	N/A	
	R	1.7	
	L	2.8	
West Leg	Т	3.2	
	R	N/A	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#10: Patteson Dr + Baldwin St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
Intersection Leg	Dir.	50010	Score
	L	N/A	
South Leg	Т	N/A	
	R	N/A	
	L	N/A	
East Leg	Т	3.2	
	R	2.1	2.00
	L	3	2.66
North Leg	Т	N/A	
	R	1.7	
	L	2.8	
West Leg	Т	3.2	
	R	N/A	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#11: Monongahela Blvd + Evansdale Dr			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	
South Leg	Т	3.7	
	R	2.3	
	L	2.8	
East Leg	Т	N/A	
	R	1.7	2.73
	L	2.8	2.75
North Leg	Т	3.1	
	R	N/A	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#12: West Run Rd + Point Marion Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
Intersection Leg	Dir.	30016	Score
	L	3.2	
South Leg	Т	2.7	
	R	N/A	
	L	N/A	
East Leg	Т	N/A	
	R	N/A	2.00
	L	N/A	2.66
North Leg	Т	3.4	
	R	2.7	
	L	2.3	
West Leg	Т	N/A	
	R	1.7	
Pedestrian Safety Score			
N/A due to no crossing marking			

#13: Hartman Run Rd + Hart Field Rd (North)			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
	Dir.		Score
	L	N/A	
South Leg	Т	2.8	
	R	1.6	
	L	1.7	
East Leg	Т	N/A	
	R	1.9	2 1 1
	L	1.9	2.11
North Leg	Т	2.8	
	R	N/A	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
N/A due to	N/A due to no crossing marking		

#14: Hartman Run Rd + Hart Field Rd (South)			
	ist Safety S	•	,
Intersection Leg	Turn	Score	Ave.
Intersection Leg	Dir.	30016	Score
	L	N/A	
South Leg	Т	2.8	
	R	1.6	
	L	1.7	
East Leg	Т	N/A	
	R	1.9	2 1 1
	L	1.9	2.11
North Leg	Т	2.8	
	R	N/A	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
N/A due to no crossing marking			

#15: Stewart St + Protzman St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	2.7	
South Leg	Т	2.4	
	R	1.6	
	L	1.5	
East Leg	Т	2.2	
	R	1.3	1.96
	L	1.7	1.90
North Leg	Т	2.4	
	R	1.6	
	L	2.1	
West Leg	Т	2.4	
	R	1.6	
Pedestrian Safety Score			
N/A due to	N/A due to no crossing marking		

#16: Stewart St + University Ave			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	2.2	
South Leg	Т	3.4	
	R	1.6	
	L	2.2	
East Leg	Т	3.4	
	R	1.6	2.40
	L	2.2	2.40
North Leg	Т	3.4	
	R	1.6	
	L	2.2	
West Leg	Т	3.4	
	R	1.6	
Pedestrian Safety Score			
	2.10		

#17: Campus Dr + Beechurst Ave			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	
South Leg	Т	3.6	
	R	1.9	
	L	2.2	
East Leg	Т	N/A	
	R	1.6	2.46
	L	2.5	2.40
North Leg	Т	3	
	R	N/A	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
2.16			

#18: University Ave + Prospect St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	30012
South Leg	Т	2.3	
	R	1.9	
	L	2.3	
East Leg	Т	N/A	
	R	1.5	2.05
	L	2.7	2.05
North Leg	Т	1.6	
	R	N/A	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
2.1			

#19: University Ave + Beechurst St				
Bicycl	ist Safety S	core		
Intersection Leg	Turn Dir.	Score	Ave. Score	
	L	3.4		
South Leg	Т	3.7		
	R	2.1		
	L	2.6		
East Leg	Т	3.5		
	R	2.4	2.07	
	L	3.4	2.97	
North Leg	Т	3.7		
	R	1.9		
	L	3.4		
West Leg	Т	3.9		
	R	1.7		
Pedestrian Safety Score				
	2.23			

#20: University Ave + Walnut St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	3.2	
South Leg	Т	3.7	
	R	1.9	
	L	N/A	
East Leg	Т	3.6	
	R	1.9	2.77
	L	3	2.77
North Leg	Т	N/A	
	R	2	
	L	3.4	
West Leg	Т	2.3	
	R	N/A	
Pedestrian Safety Score			
2.55			

#21: University Ave + Pleasant St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	
South Leg	Т	N/A	
	R	N/A	
	L	3	
East Leg	Т	4.1	
	R	2.1	2.96
	L	3	2.90
North Leg	Т	4.1	
	R	2.1	
	L	3	
West Leg	Т	3.4	
	R	1.9	
Pedestrian Safety Score			
2.60			

#22: University Ave + Foundry St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
	Dir.		Score
	L	N/A	
South Leg	Т	3.5	
	R	2.1	
	L	2.5	
East Leg	Т	N/A	
	R	1.7	2.56
	L	2.8	2.50
North Leg	Т	2.9	
	R	N/A	
	L	2.5	
West Leg	Т	3.6	
	R	1.5	
Pedestrian Safety Score			
2.45			

#23: High St + Willey St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	
South Leg	Т	N/A	
	R	N/A	
	L	2.2	
East Leg	Т	1.9	
	R	N/A	2.05
	L	2	2.05
North Leg	Т	2.7	
	R	1.5	
	L	N/A	
West Leg	Т	2.5	
	R	1.6	
Pedestrian Safety Score			
	2.1		

#24: High St + Fayette St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	
South Leg	Т	N/A	
	R	N/A	
	L	N/A	
East Leg	Т	N/A	
	R	N/A	2.17
	L	2.4	2.17
North Leg	Т	2.1	
	R	N/A	
	L	N/A	
West Leg	Т	2.7	
	R	1.5	
Pedestrian Safety Score			
	2		

#25: High St + Walnut St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	
South Leg	Т	N/A	
	R	N/A	
	L	2.4	
East Leg	Т	2.2	
	R	N/A	2 20
	L	N/A	2.30
North Leg	Т	2.8	
	R	1.8	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
2.25			

#26: Spruce St + Walnut St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	2.2	
South Leg	Т	2.6	
	R	1.6	
East Leg	L	2.6	
	Т	2.6	
	R	1.6	2.20
	L	N/A	2.20
North Leg	Т	N/A	
	R	N/A	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
2.10			

#27: Spruce St + Pleasant St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	N/A	
South Leg	Т	2.6	
	R	1.5	
	L	N/A	
East Leg	Т	N/A	
	R	2	2.00
	L	N/A	2.08
North Leg	Т	N/A	
	R	N/A	
	L	2.3	
West Leg	Т	2	
	R	N/A	
Pedestrian Safety Score			
	2.17		

#28: Willey St + Prospect St			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	1.9	
South Leg	Т	1.8	
	R	N/A	
	L	N/A	
East Leg	Т	N/A	
	R	N/A	1.92
	L	N/A	1.92
North Leg	Т	2.4	
	R	1.6	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#29: Greenbag Rd + Earl L Core Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
	Dir.		Score
	L	3	
South Leg	Т	3.4	
	R	2.1	
	L	2.6	
East Leg	Т	N/A	
	R	1.5	2.50
	L	2.7	2.56
North Leg	Т	3.6	
	R	2.1	
	L	2.8	
West Leg	Т	N/A	
	R	1.8	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#30: Greenbag Rd + Diamond Ave			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
	Dir.	30010	Score
	L	N/A	
South Leg	Т	3	
	R	1.8	
	L	1.5	
East Leg	Т	N/A	
	R	1.5	1.00
	L	1.7	1.98
North Leg	Т	2.4	
	R	N/A	
	L	N/A	
West Leg	Т	N/A	
	R	N/A	
Pedestrian Safety Score			
N/A due to	N/A due to no crossing marking		

#31: Greenbag Rd + Dorsey Ave			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	2.2	
South Leg	Т	3.4	
	R	1.8	
	L	2.2	
East Leg	Т	3.6	
	R	1.6	2.45
	L	2.2	2.45
North Leg	Т	3.4	
	R	1.6	
	L	2.4	
West Leg	Т	3.4	
	R	1.6	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#32: Grafton Rd + Smithtown Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
Intersection Leg	Dir.	30016	Score
	L	2.6	
South Leg	Т	2.8	
	R	N/A	
	L	N/A	
East Leg	Т	N/A	
	R	N/A	2.50
	L	N/A	2.50
North Leg	Т	3.4	
	R	2.1	
	L	2.3	
West Leg	Т	N/A	
	R	1.8	
Pedestrian Safety Score			
N/A due to no crossing marking			

#33: Cheat Rd + N Pierpont Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
	Dir.		Score
	L	2	
South Leg	Т	2.8	
	R	N/A	
	L	N/A	
East Leg	Т	N/A	
	R	N/A	2.23
	L	N/A	2.23
North Leg	Т	3.4	
	R	1.9	
	L	1.6	
West Leg	Т	N/A	
	R	1.7	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#34: Cheat Rd + N Pierpont Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn	Score	Ave.
	Dir.	50010	Score
	L	1.7	
South Leg	Т	N/A	
	R	1.6	
	L	1.7	
East Leg	Т	2.6	
	R	N/A	2.00
	L	N/A	2.06
North Leg	Т	N/A	
	R	N/A	
	L	N/A	
West Leg	Т	3.2	
	R	1.6	
Pedestrian Safety Score			
N/A due to no crossing marking			

#35: Tyrone Rd + Tyrone Avery Rd			
Bicycl	ist Safety S	core	
Intersection Leg	Turn Dir.	Score	Ave. Score
	L	2.1	
South Leg	Т	2.3	
	R	N/A	
	L	N/A	
East Leg	Т	N/A	
	R	N/A	2.01
	L	N/A	2.01
North Leg	Т	2.9	
	R	1.5	
	L	2	
West Leg	Т	N/A	
	R	1.3	
Pedestrian Safety Score			
N/A due to	no crossin	g marking	

#36: Fort Martin Rd + WV 100					
Bicyclist Safety Score					
Intersection Leg	Turn Dir.	Score	Ave. Score		
	L	N/A			
South Leg	Т	2.9			
	R	1.7			
	L	1.5			
East Leg	Т	N/A			
	R	1.5	1 01		
	L	1.6	1.91		
North Leg	Т	2.3			
	R	N/A			
	L	N/A			
West Leg	Т	N/A			
	R	N/A			
Pedestrian Safety Score					
N/A due to no crossing marking					

Road Name	Pedestrian Safety Ranking	Pedestrian Safety Score	Int. #	Bicycle Safety Score	Bicycle Safety Ranking
Van Voorhis Rd & WV 705 (Chestnut Ridge Rd)	1	3.1	5	3.22	3
Patteson Dr & Monongahela Blvd	2	3.05	7	3.31	2
University Ave & Pleasant ST	3	2.6	21	2.96	5
University Ave & Walnut St	4	2.55	20	2.77	6
University Ave & Foundry St	5	2.45	22	2.56	11
High St & Walnut St	6	2.25	25	2.3	19
University Ave & Beechurst St	7	2.23	19	2.97	4
Spruce St & Pleasant St	8	2.17	27	2.08	27
Campus Dr & Beechurst St	9	2.16	17	2.46	14
Stewarts St & University Ave	10	2.1	16	2.4	16
University Ave & Collins Ferry Rd	11	2.1	8	2.23	21
Spruce St & Walnut St	12	2.1	26	2.2	23
University Ave & Prospect St	13	2.1	18	2.05	29
High St & Willey St	14	2.1	23	2.05	30
High St & Fayette St	15	2	24	2.17	24
Stewartstown Rd & WV 705	N/A	N/A	6	3.36	1
Stewartstown Rd & Point Marion Rd	N/A	N/A	4	2.73	7
Patteson Dr & Laurel St	N/A	N/A	9	2.66	8
Patteson Dr & Baldwin St	N/A	N/A	10	2.66	9
Christy St & Van Voorhis Rd	N/A	N/A	12	2.66	10
Greenbag Rd & Earl L Core Rd	N/A	N/A	29	2.56	12
Grafton Rd & Smithtown Rd	N/A	N/A	32	2.5	13
Greenbag Rd & Dorsey Ave	N/A	N/A	31	2.45	15
West Run Rd & Stewartstown Rd	N/A	N/A	2	2.38	17
Monongahela Blvd & Evansdale Dr	N/A	N/A	11	2.37	18
West Run Rd & Point Marion Rd	N/A	N/A	3	2.25	20
Cheat Rd & N Pierpont Rd	N/A	N/A	33	2.23	22
Hartman Run Rd & Hart Field Rd (North)	N/A	N/A	13	2.11	25
Hartman Run Rd & Hart Field Rd (South)	N/A	N/A	14	2.11	26
Cheat Rd & Tyrone Avery Rd	N/A	N/A	34	2.06	28
West Run Rd & Van Voorhis Rd	N/A	N/A	1	2.03	31
Tyrone Rd & Tyrone Avery Rd	N/A	N/A	35	2.01	32
Greenbag Rd & Diamond Ave	N/A	N/A	30	1.98	33
Stewarts St & Protzman St	N/A	N/A	15	1.96	34
Willey St & Prospect St	N/A	N/A	28	1.92	35
Fort Martin Rd & WV 100	N/A	N/A	36	1.91	36

Appendix 2: Intersection by Numerical Order of Pedestrian Safety Scores

Road Name	City Ped. Board Priority Ranking ⁽¹⁾	% of Ped. Crash ⁽⁴⁾	Ped. Safety Score Ranking	Pedestrian Safety Score	Int. #	Bicycle Safety Score	Bicycle Safety Ranking
Van Voorhis Rd & WV 705 (Chestnut Ridge Rd)	1	N/A	1	3.1	5	3.22	3
Campus Dr & Beechurst St	2	2.2%	9	2.16	17	2.46	14
University Ave & Prospect St	2	1.8%	13	2.1	18	2.05	29
University Ave & Pleasant St	5	3.5%	3	2.6	21	2.96	5
University Ave & Walnut St	9	N/A	4	2.55	20	2.77	6
University Ave & Foundry St	15	N/A	5	2.45	22	2.56	11
University Ave & Beechurst St	15	2.2%	7	2.23	19	2.97	4
University Ave & Collins Ferry Rd	22	N/A	11	2.1	8	2.23	21
High St & Walnut St	* (2)	1.8%	6	2.25	25	2.3	19
Spruce St & Pleasant St	*	2.2%	8	2.17	27	2.08	27
Spruce St & Walnut St	*	4.0%	12	2.1	26	2.2	23
High St & Willey St	*	3.5%	14	2.1	23	2.05	30
High St & Fayette St	*	1.8%	15	2	24	2.17	24
Patteson Dr & Laurel St	□ ⁽³⁾	N/A	N/A	N/A	9	2.66	8
Patteson Dr & Baldwin St		N/A	N/A	N/A	10	2.66	9
Christy St & Van Voorhis Rd		N/A	N/A	N/A	12	2.66	10
Willey St & Prospect St		3.1%	N/A	N/A	28	1.92	35

Appendix 3: Intersection Ranking by Morgantown Pedestrian Safety Plan

⁽¹⁾ Citywide priority ranking is based on the Morgantown Pedestrian Safety Plan adopted by the City of Morgantown.

⁽²⁾ Does not apply but very important because of high pedestrian use and number of pedestrian crashes, as indicated by Morgantown Pedestrian Safety Board.

⁽³⁾ Indicated in Morgantown Pedestrian Safety Plan as "new crosswalks" of priority.

⁽⁴⁾ Intersection with 4 or more pedestrian involved traffic crash. Data was provided by Morgantown Pedestrian Safety Board.

Bicycle Safety Ranking	Bicycle Safety Score	Int. #	Road Name	Pedestrian Safety Score	Pedestrian Safety Ranking
1	3.36	6	Stewartstown Rd & WV 705	N/A	N/A
2	3.31	7	Patteson Dr & Monongahela Blvd	3.05	2
3	3.22	5	Van Voorhis Rd & WV 705 (Chestnut Ridge Rd)	3.1	1
4	2.97	19	University Ave & Beechurst St	2.23	7
5	2.96	21	University Ave & Pleasant ST	2.6	3
6	2.77	20	University Ave & Walnut St	2.55	4
7	2.73	4	Stewartstown Rd & Point Marion Rd	N/A	N/A
8	2.66	9	Patteson Dr & Laurel St	N/A	N/A
9	2.66	10	Patteson Dr & Baldwin St	N/A	N/A
10	2.66	12	Christy St & Van Voorhis Rd	N/A	N/A
11	2.56	22	University Ave & Foundry St	2.45	5
12	2.56	29	Greenbag Rd & Earl L Core Rd	N/A	N/A
13	2.5	32	Grafton Rd & Smithtown Rd	N/A	N/A
14	2.46	17	Campus Dr & Beechurst St	2.16	9
15	2.45	31	Greenbag Rd & Dorsey Ave	N/A	N/A
16	2.4	16	Stewarts St & University Ave	2.1	10
17	2.38	2	West Run Rd & Stewartstown Rd	N/A	N/A
18	2.37	11	Monongahela Blvd & Evansdale Dr	N/A	N/A
19	2.3	25	High St & Walnut St	2.25	6
20	2.25	3	West Run Rd & Point Marion Rd	N/A	N/A
21	2.23	8	University Ave & Collins Ferry Rd	2.1	11
22	2.23	33	Cheat Rd & N Pierpont Rd	N/A	N/A
23	2.2	26	Spruce St & Walnut St	2.1	12
24	2.17	24	High St & Fayette St	2	15
25	2.11	13	Hartman Run Rd & Hart Field Rd (North)	N/A	N/A
26	2.11	14	Hartman Run Rd & Hart Field Rd (South)	N/A	N/A
27	2.08	27	Spruce St & Pleasant St	2.17	8
28	2.06	34	Cheat Rd & Tyrone Avery Rd	N/A	N/A
29	2.05	18	University Ave & Prospect St	2.1	13
30	2.05	23	High St & Willey St	2.1	14
31	2.03	1	West Run Rd & Van Voorhis Rd	N/A	N/A
32	2.01	35	Tyrone Rd & Tyrone Avery Rd	N/A	N/A
33	1.98	30	Greenbag Rd & Diamond Ave	N/A	N/A
34	1.96	15	Stewarts St & Protzman St	N/A	N/A
35	1.92	28	Willey St & Prospect St	N/A	N/A
36	1.91	36	Fort Martin Rd & WV 100	N/A	N/A

Appendix 4: Intersection by Numerical Order of Bicyclist Safety Scores