

Intersection Safety Audits 2013



- **Owner:**
Borough of State College
- **Services:**
 - Pedestrian Safety Studies
 - Bicycle Safety Studies
 - Traffic Studies
- **Year Completed:**
Professional Services: 2013

Borough of State College, State College, PA

Stahl Sheaffer provided traffic engineering services including a practical and cost-effective intersection safety study at six intersections identified in the 2010 Planned Intersection Safety Improvement Program. The intersection safety study included an analysis of site-specific crash data, an engineered field review of each site, and the development of recommendations to implement countermeasures to improve safety. Vehicle, pedestrian, and bicycle safety were analyzed at each location. Stahl Sheaffer presented the safety study at the State College Borough Transportation Commission Meeting in 2014.



Intersection Safety Improvements	Improvement Cost	Total Intersection Crash Reduction Factor (CRF)	Crash Reductions	Crash Reduction Cost Savings
Beaver Avenue & Barnard Street	\$225	11%	1.89	\$196,592
College Avenue & Patterson Street	\$10,100	36%	3.17	\$329,733
College Avenue & Burrowes Street	\$111,500	51%	32.95	\$3,427,360
Atherton Street & Curtin Road	\$92,400	82%	13.37	\$1,390,707
Pugh Street & Prospect Avenue	\$15,750	33%	2.91	\$227,797
Atherton Street & Westerly Parkway	\$99,850	88%	32.88	\$3,420,079