

Executive Summary

Cowpath & Orvilla Intersection Improvement Category J

Residents, Hatfield Township officials and PennDOT all agreed, the most dangerous intersection in the Township was the offset pair of signalized T-intersections of Cowpath Road (S.R. 0463) and Orvilla Road (S.R. 1004). It was the number one traffic and safety concern within the Township. McMahon Associates, Inc. was hired by Hatfield to align these intersections and bring safety and traffic flow improvements to local citizens and through traffic.

Even though the project had broad public and legislative support, as well as being identified in PennDOT's Decade of Investment, the project took more than 10 years to complete as McMahon Associates, Inc. navigated site complications that included property acquisitions, costly construction in an environment of reduced funding, and a site adjacent gas pipeline.

In addition to providing engineering, design and construction oversight, McMahon Associates, Inc. also helped Hatfield Township secure funding from both the DCED and PennDOT Multimodal Transportation funds. Since municipal funding was provided through collected traffic impact fees, this allowed for the needed improvements for their residents, surrounding municipalities, and commuter traffic without using municipal tax money.

The project was constructed with minimal impact to the existing traffic patterns at the intersection, over 25,000 vehicles per day. Detours were minimized and used solely for the final connection of the new road alignment to the existing roadway. Local citizens and officials applaud the impact the new intersection is having:

- Safe facilities and improved accessibility for pedestrians and bicyclists
- Better and safer traffic flow
- 79 new jobs