

## PA 41 & PA 841 Intersection

The purpose of this project is to provide a safe and efficient means of accommodating the regional movement of people, goods and services and to provide for local access connections to support the existing community and businesses in the village of Chatham. The project needs are as follows:

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- The PA 41/PA 841 intersection layout is confusing. Multiple roadways converge on the east side of PA 41 within the intersection influence area.
- Large vehicles cannot negotiate the turning movements without tracking over the existing curbs and islands, especially for the PA 41 southbound to PA 841 westbound movement.
- Sixteen crashes occurred over in the last 5-year period. Seven of these are angle/head-on type with one of these resulting in a fatality.
- Traffic is forecasted to operate in LOS E on the PA 841 approaches to the intersection in the design year (2035).
- Over half of the 363 survey respondents indicated that they find it difficult to turn left onto or cross PA 41 from PA 841.
- The lack of change in roadway characteristics results in 85 percentile speeds over 40 mph in the village.
- Pedestrian accommodations within the village are limited.