

PA 41 & PA 926 Intersection

The purpose of this project is to provide an opportunity for all users to make safe movements at the intersection and to accommodate future traffic demands.

The project needs are as follows:

- PA 926 crosses PA 41 at an intersection angle of approximately 23 degrees. Intersections with less than a 60 degree angle are considered skewed. This skew causes the following problems.
 - Vehicles have a longer distance to traverse while crossing or turning onto the PA 41, resulting in an increased period of exposure to conflicting traffic.
 - Drivers have more difficulty turning their heads/necks to have an adequate line of site. This is exaggerated in older drivers or with truck as the truck body may obstruct the view as well.
 - The north and southbound left-turn traffic from PA 41 overlap each other and cannot make the maneuvers concurrently.
- Eighty-fifth percentile running speeds average 10 mph higher than the posted speed limit.
- Sight distance is limited with the intersection skew and a crest vertical curve north of the intersection, particularly for prevailing speeds which are higher than posted speeds.
- Traffic currently operates in LOS E and is forecasted to operate in LOS F on the westbound approach of PA 926 in the design year (2035).
- Nearly three-fourths of the 398 survey respondents indicated that they find it difficult cross PA 41.
- Approximately 37 percent survey respondents avoid the intersection.