



Big Beaver Road Pedestrian Symposium

Background

With traffic on Big Beaver road exceeding 50,000 vehicles each day, the limited opportunity to safely cross restricts the access for residents and the business community to the many dining and retail options that line the corridor. The goal of Move Across Troy and the Big Beaver Symposium is to provide insight, present solutions, and listen to feedback and suggestions.

Technology Solutions

Mid-Block Crossings

Marked cross-walks placed between intersections. They look similar to intersection crosswalks, but often incorporate several design features to increase safety.



Intersection Crossings

More than one in five pedestrian deaths is a result of a collision with a vehicle at an intersection. Each leg of an intersection may have different characteristics affecting pedestrian or bicyclist safety.



I-75 Underpass and On/Off-Ramp Crossing

I-75 bisects Big Beaver Road between Crooks Road and Livernois Road. I-75 creates both a physical and mental barrier. The underpass is a dark, dirty, and loud tunnel that is uninviting for pedestrians.

The area has no lighting and is in disrepair. The interstate on and off ramps also pose mobility challenges for pedestrians.

Grade Separation Crossings

Provides a pedestrian access over or under a barrier. Grade-separation crossings are constructed as either bridges or tunnels. Grade separated crossings are preferred when there is high volume pedestrian traffic that may conflict with heavy vehicular traffic.

The bridge connecting Somerset Collection is the example in the corridor.

Feedback and Interaction

Mark de la Vergne, transportation expert and creator of the Chicago Pedestrian Plan, and City Manager Brian Kischnick listened to questions, concerns, or suggestions on Big Beaver Road.

Mr. de la Vergne has taken this input into consideration while constructing his recommendation for improvements.

Findings and funding possibilities will be presented to City Council during a January 2015 special study session.