Old Montgomery Road at Tamar Drive Roundabout

Project Manager: Yan Zhang

Public Meeting – July 21, 2021
Project Intent:

To improve intersection operations and safety with the installation of a proposed full roundabout at Old Montgomery Road and Tamar Drive.
Project Vicinity:
Project Traffic:

Average Daily Traffic Numbers (2015)

- Tamar Drive: 10,000 Vehicles Per Day
- Old Montgomery Road: 6,500 Vehicles Per Day
- Both roads are posted as 25MPH with a designated school zone just north of the intersection.
- The road classification is a major collector intersecting a minor collector.
Project Construction:

Project funding is approved for FY2022.

Construction anticipated Fall 2021.

Completion anticipated Spring 2022.
Intersection Deficiencies:
- 4 crashes 2009-2013 in dry conditions
- Existing south leg pedestrian crossing unprotected
- Federal warrants are not met for installation of a multi-way Stop control.
Existing Intersection:
Project Design:

Roundabout Features:

- Protected pedestrian crossings
- Further speed reductions through the intersection
- Reduction of vehicle/vehicle and vehicle/pedestrian conflict points
- Permeable pavers and sub-base system for filtration and storage of stormwater run-off
Project Design:

Design Vehicles:
- Standard School Bus
- WB-50 Truck
Existing Roundabout at Old Montgomery Road and Oakland Mills Road (looking toward Blandair Park)
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Existing Roundabout at Old Montgomery Road and Oakland Mills Road
Questions?
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by August 4th, 2021