
PROJECT 49

NEWTON BRIDGE ROAD AT KATHWOOD DRIVE INTERSECTION IMPROVEMENTS

TSPLOST 2026

PROJECT GOALS

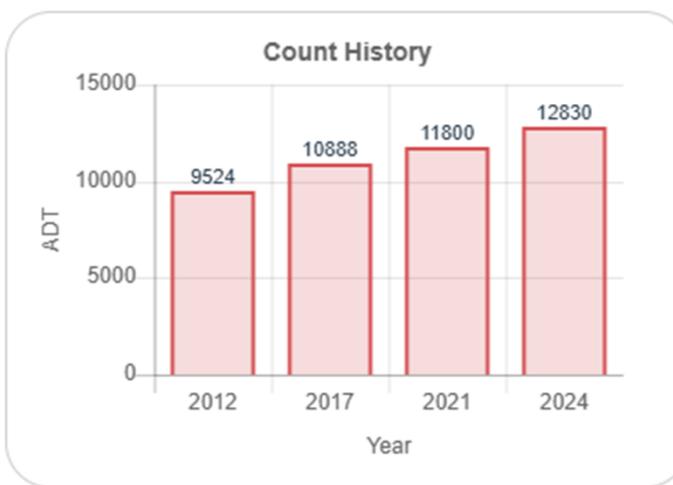
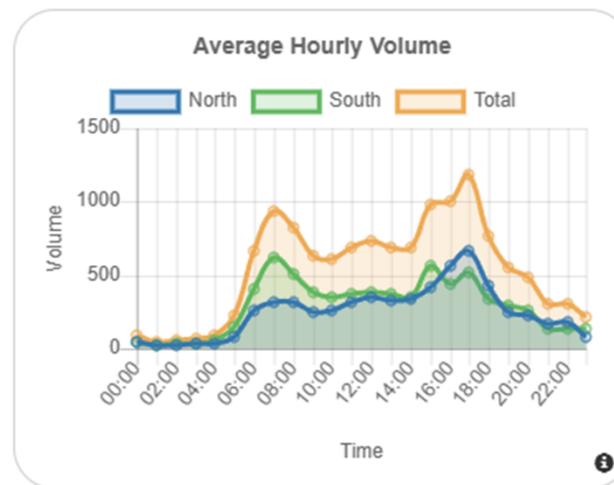
- Improve the intersection of Newton Bridge Road at Kathwood Drive in a manner that reduces crashes, provides safer vehicular, pedestrian, and cyclist access, preferably the implementation of a roundabout.
- Improve existing bus stop.
- Relocate existing utilities as required to achieve the necessary improvements.
- Enhance landscaping at the intersection with street trees and other plantings.
- Improved lighting to ensure safety of all users.

CURRENT INTERSECTION



- Continued growth of residential homes, parks, and commercial areas

TRAFFIC DATA – NEWTON BRIDGE ROAD



2. Passenger cars  71.13%
2 axles. Can have 1- or 2-axle trailers.

3. Pickups, panels, vans  21.54%
2-axle, 4-tire single units. Can have 1- or 2-axle trailers.

4. Buses  1.06%
2- or 3-axle, full length.

5. Single-unit trucks  2.95%
2-axle, 6-tire, (dual rear tires), single-unit trucks.

6. Single-unit trucks  0.33%
3-axle, single-unit trucks.

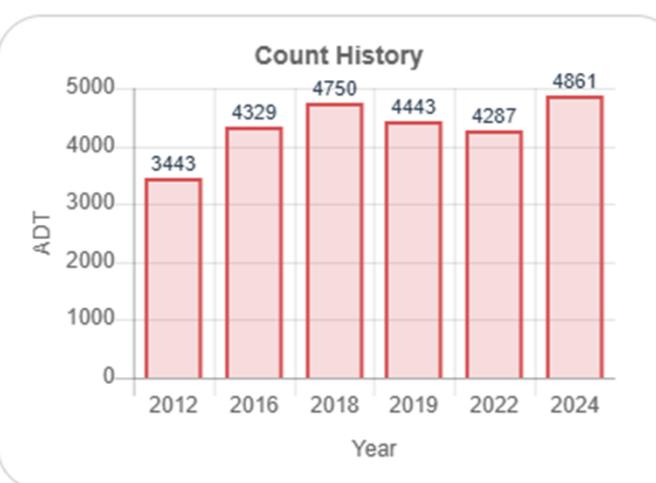
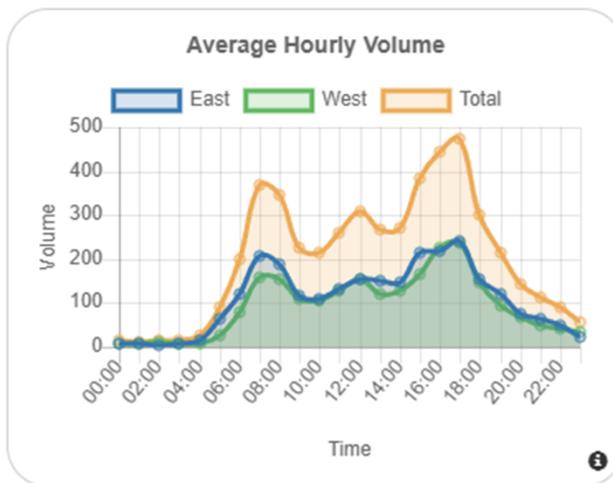
7. Single-unit trucks  0%
4 or more axle, single-unit trucks.

8. Single-trailer trucks  0.71%
3- or 4-axle, single-trailer trucks.

9. Single-trailer trucks  1.84%
5-axle, single-trailer trucks.

10. Single-trailer trucks  0.03%
6 or more axle, single-trailer trucks.

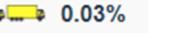
TRAFFIC DATA – KATHWOOD DRIVE



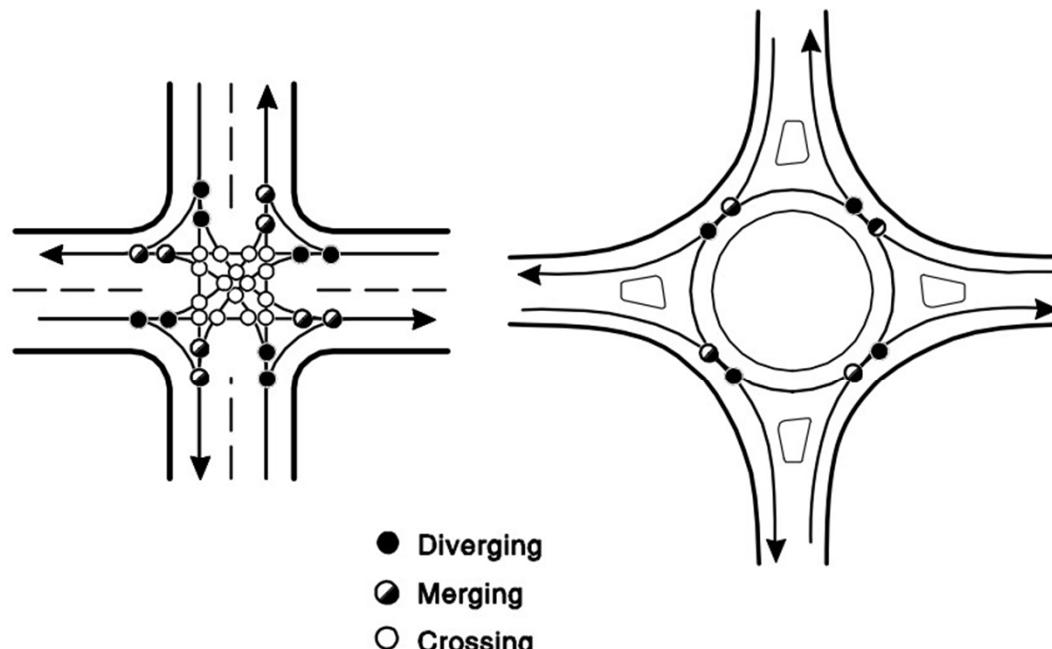
2. Passenger cars  **76.77%**
2 axles. Can have 1- or 2-axle trailers.

3. Pickups, panels, vans  **17.63%**
2-axle, 4-tire single units. Can have 1- or 2-axle trailers.

4. Buses  **1.19%**
2- or 3-axle, full length.

| | |
|--|---|
| 5. Single-unit trucks 2-axle, 6-tire, (dual rear tires), single-unit trucks. |  2.77% |
| 6. Single-unit trucks 3-axle, single-unit trucks. |  0.72% |
| 7. Single-unit trucks 4 or more axle, single-unit trucks. |  0.03% |
| 8. Single-trailer trucks 3- or 4-axle, single-trailer trucks. |  0.36% |
| 9. Single-trailer trucks 5-axle, single-trailer trucks. |  0.37% |
| 10. Single-trailer trucks 6 or more axle, single-trailer trucks. |  0.01% |

REDUCING CONFLICT POINTS



NCHRP 672 Exhibit 5-2

PROPOSED CONCEPT SKETCH - VEHICULAR



- Overall Intersection
 - Implementing a roundabout to improve intersection efficiency
 - Reduce conflict points and crashes
 - Create a logical node and separation between commercial and residential areas

PROPOSED CONCEPT SKETCH – BIKE & PED

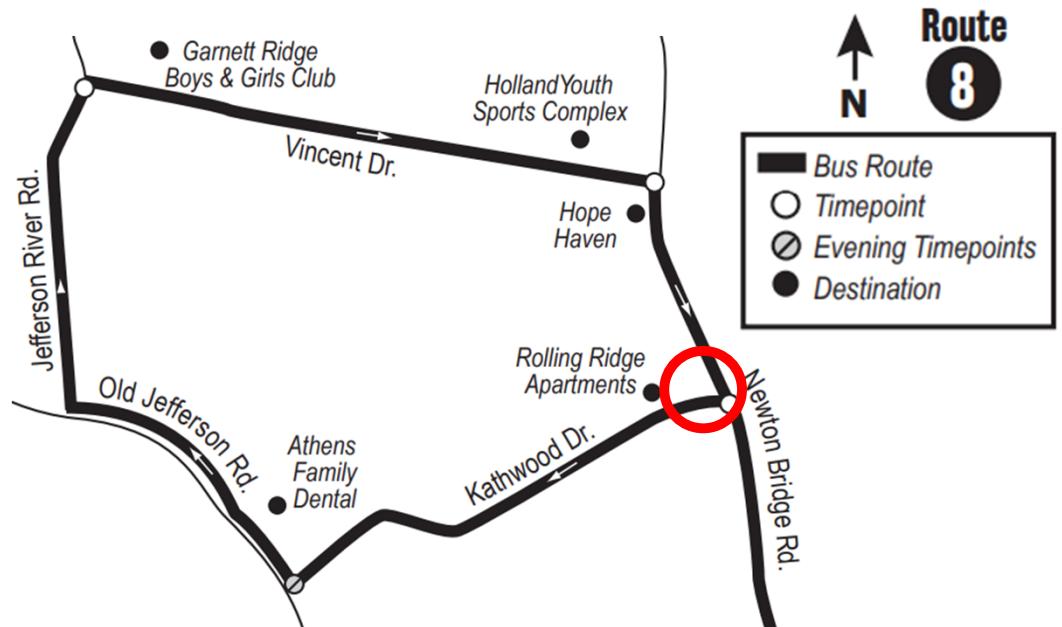


- Kathwood Dr
 - New crosswalks, 12' multi-use trail along northern side
- Newton Bridge Road
 - New crosswalks, 12' multi-use trail along eastern side

PROPOSED CONCEPT SKETCH - TRANSIT



- New covered art shelter bus stop along the north side of Kathwood Drive



PROPOSED CONCEPT SKETCH – AESTHETIC CORRIDORS



- Create a logical node and separation between commercial and residential areas
- Landscaped roundabout island, potential for art sculpture to identify node
- New street tree plantings along Newton Bridge Road and Kathwood Drive
- Art shelter bus stops

WHY IS THIS PROJECT IMPORTANT

Goal Area 1 – Good Neighbors

- Transforms the intersection by creating welcoming spaces to key residential, parks, and commercial corridor.
- Promotes healthy lifestyles by providing walkable, bikeable access to residential, parks, and commercial corridor

Goal Area 2 – Safely Move Around Athens

- Creates new sidewalks and shared use path facilities
- Provides improved covered transit facilities
- Provides safe modes of transportation
- Creates an aesthetic corridor for entrances to our community

WHY IS THIS PROJECT IMPORTANT

Goal Area 3 – Built and Natural Infrastructure

- Creates a well-planned intersection and gateway to areas identified on the future land use plan for growth
- Enhances equitable access to enhance driver, pedestrian, and cyclist safety
- Provides adequate funding to construct needed infrastructure improvements. **Improvements to this intersection are already identified and recommended by the Newton Bridge Tax Allocation District Committee.**
- Provides for sustainable and resilience infrastructure

THANK YOU

