

ROUTE 202 CORRIDOR - TRANSPORTATION STUDY

Project Intersections:

- Route 202 and Aquetong Road
- Route 202 and Lower Mountain Road
- Route 202 and Silvertail Lane
- **Route 202 and Reeder Road**
- **Route 202 and Shire Drive/Logan Square SC**
- Route 202 and Kitchens Lane/Route 179
- Route 202 and Suga Road

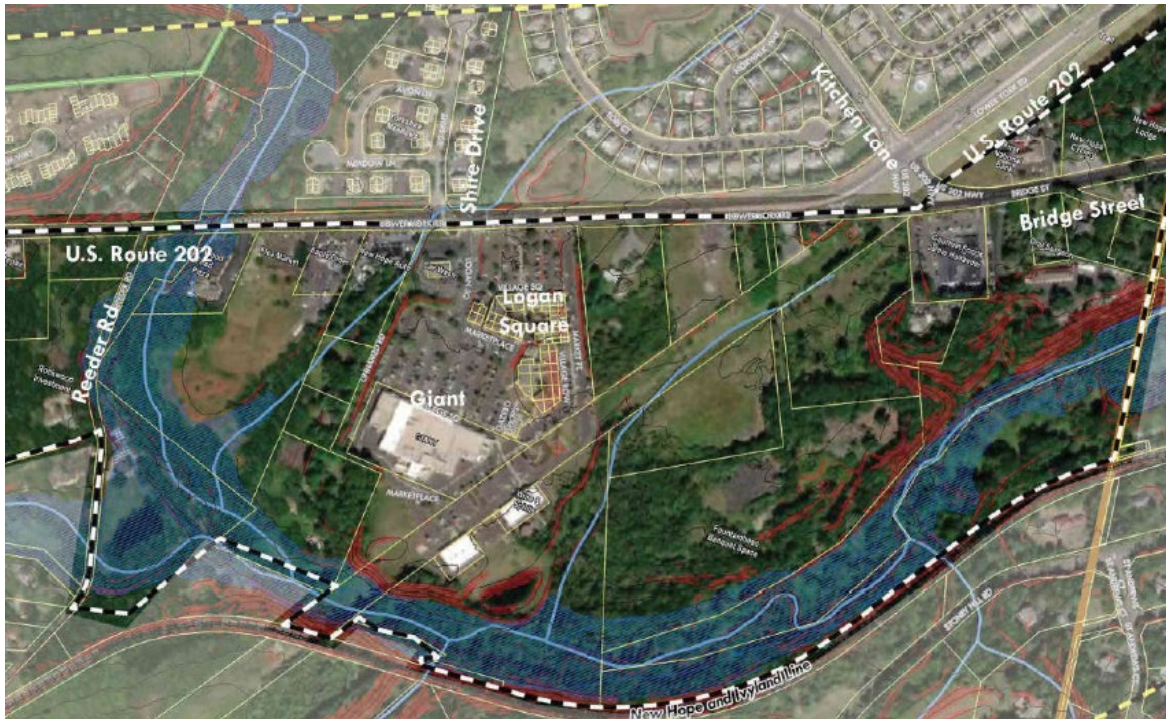


Project Goals:

- Provide a safe and equitable travel corridor for all users (pedestrians, bicycles, transit, vehicles)
- Develop a corridor plan for promoting sustainable growth
- Improve traffic flow and reduce traffic congestion along the corridor
- Provide a plan for the future to support and control traffic growth



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Traffic Evaluation Scope of Work:

- Data collection, traffic counts and field inventory
- Field observations of existing operations
- Evaluation and recommendations of roadway cross-sections
- In-depth analysis of signal progression
- Measures to improve traffic flow and enhance pedestrian and bicycle movements
- Evaluation of the recommended solutions to address observed and identified deficiencies; and recommendations for implementation

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Corridor Study Observations and Evaluations

Route 202 and Reeder Road

- Lack of left-turn lanes and narrow shoulders along Route 202
- Vehicles traveling south often experience delays due to left-turning vehicles.
- Rear-end crashes along Route 202 account for the majority of the reportable crashes.

Route 202 and Shire Drive/Logan Square Shopping Center

- Signalized intersection - Route 202 consists of a 5-lane cross-section.
- Northbound approach only has one through lane in this area.
- Lane configuration causes significant queueing issues.
- Traffic queues at this intersection can extend up to 800 feet +
- Difficult for vehicles to enter or exit the properties along Route 202.



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Roadway Improvements to be considered and evaluated:

- Left-turn and right-turn auxiliary lanes at intersections and access driveways
- Improved traffic signal progression along Route 202 Corridor
- Bicycle and walking trails along the entire corridor
- Alignment of the intersection of Logan Square and Shire Drive to eliminate split phasing of signal
- Additional through lane on the northbound approach of Route 202 at Shire Drive

