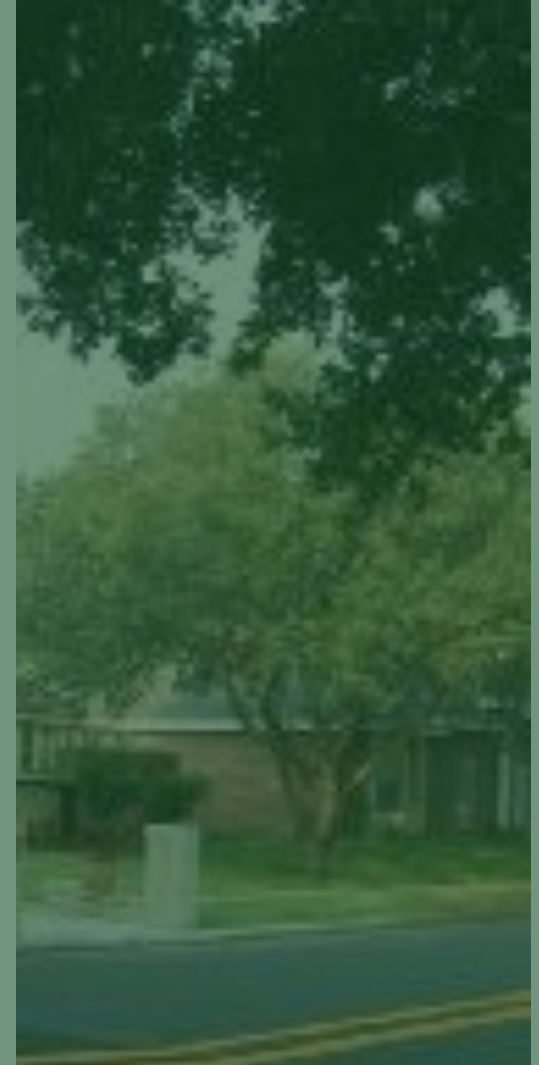
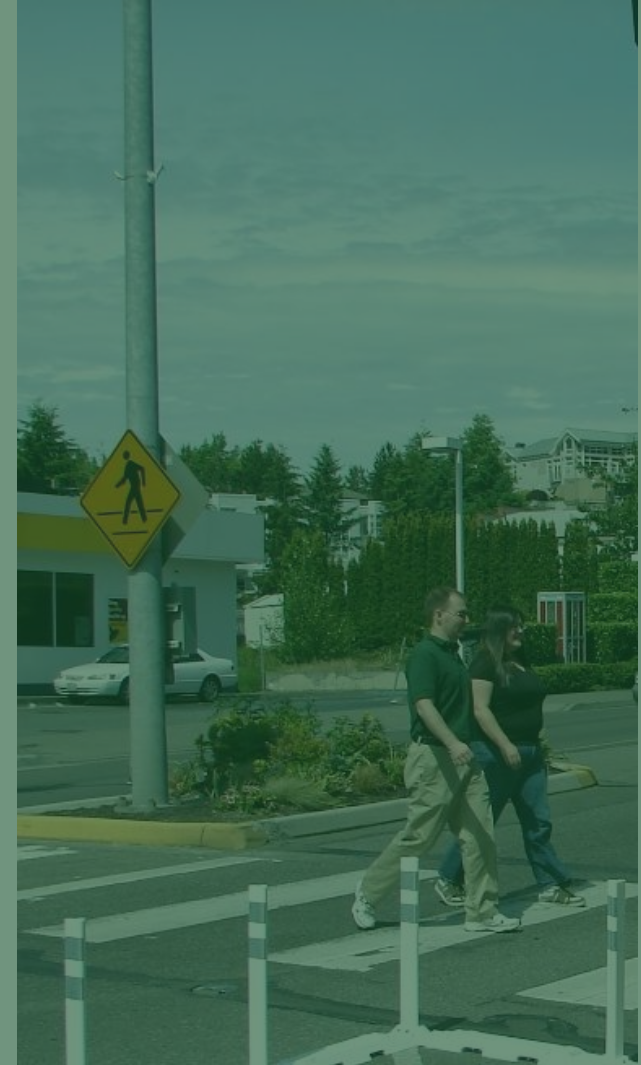




Aston Township



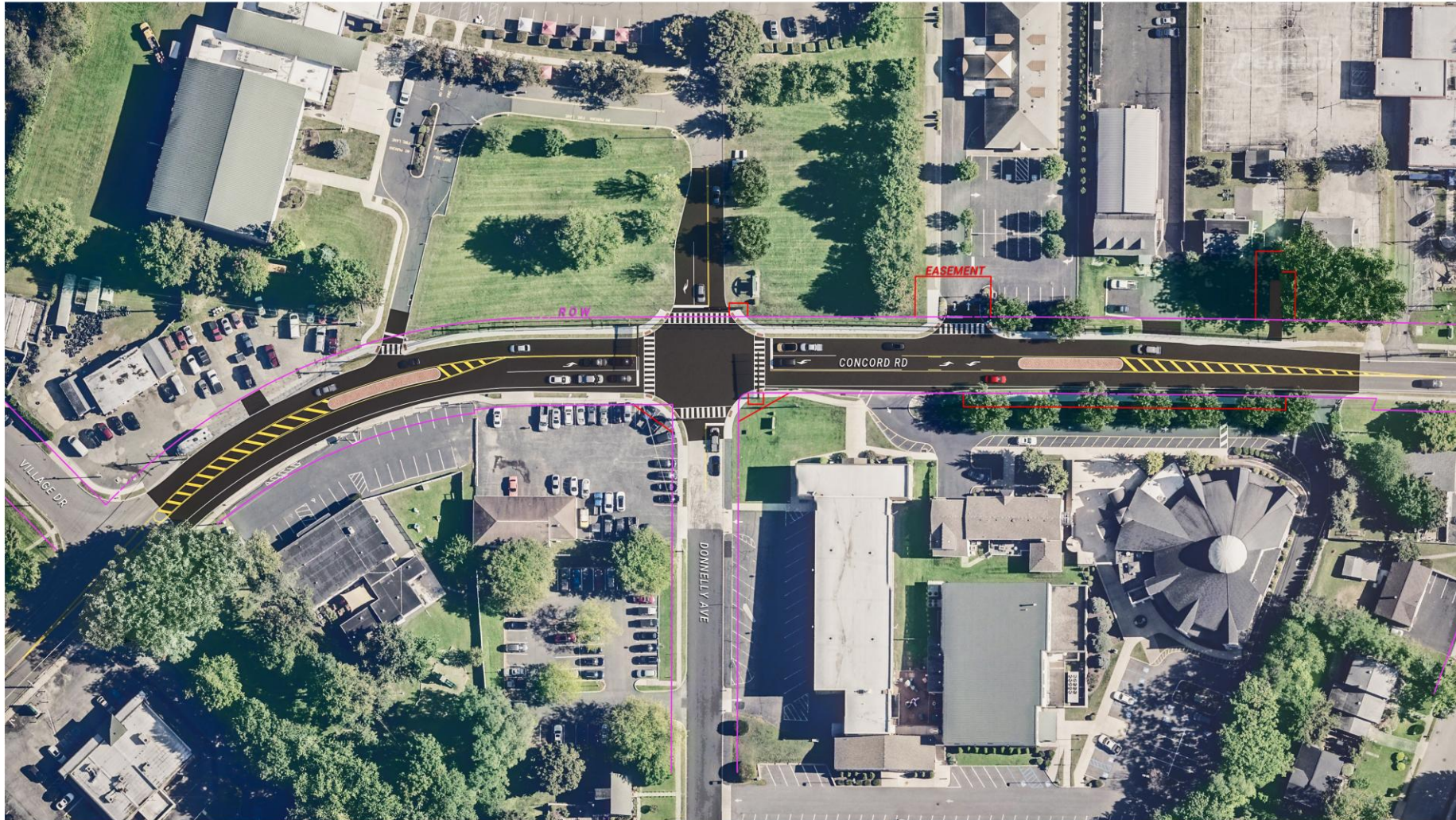
Pennoni TRAFFIC CALMING

Agenda for Tonight



- ◆ Joe grew up here!!
- ◆ Update on Traffic Calming Implementation Process
- ◆ Results of Traffic Study
- ◆ Review of Traffic Calming Options
- ◆ Review of Neighborhood Map
- ◆ Comments from the Audience
- ◆ Next Steps
- ◆ No decisions will be made tonight!

Proposed Intersection Improvements



CONCORD RD & DONNELLY AVE

STREETScape IMPROVEMENTS



SUITE 300
158 WEST GAY STREET,
WEST CHESTER, PA 19380
610-429-8907 | www.pennoni.com

Traffic Calming Implementation Process



1. **Inquiry**: Initial contact made by residents inquiring about traffic calming; petitions, forms, and other documents will be available for distribution.

2. **Informational Presentation**: If requested by 5% of the specifically affected property owners, the Township Manager will schedule a preliminary public meeting to present background information on traffic calming and explain the Township's traffic calming policy. This will be an open public meeting.

3. **Petition**: Official petition submitted with 50% of generally affected property owners signing.

4. **Traffic Studies**: Accident history reviewed and speed and volume traffic studies performed.

5. **Develop Plan**: Neighborhood traffic calming plan developed by the Township Engineer.

6. **Adjacent Property Owners Agreement**: Property owners adjacent to each proposed traffic calming feature are contacted to obtain agreement, if necessary.

7. **Public Meeting**: One public information meeting held with all generally affected residents to disseminate information on proposed traffic calming plan and receive input, after which the neighborhood traffic calming plan will be finalized.

8. **Vote**: Specifically affected property owners vote. ***Minimum return of 50% of property owners required, and of those 60% must vote in favor of project*** to proceed with implementation.

9. **Construction**: If result of vote is favorable neighborhood traffic calming plan is placed on a schedule for budget funding the installation of the traffic calming features.

Speed Study – Donnelly Avenue

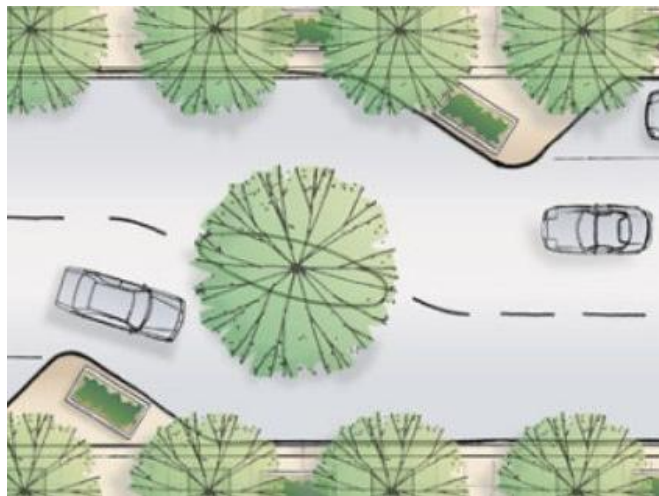


- ◆ We completed radar speed studies and AM peak counts to determine if the roadway meets Township criteria for considering traffic calming improvements.
- ◆ The speed study involved two locations on Donnelly Avenue, the first between Concord Road (SR 3007) and Vinsmith Avenue and the second between Vinsmith Avenue and Shubrook Lane on Thursday, January 16, 2025. A total of 50 vehicles were observed at the first location and 52 vehicles were observed at the second location.
- ◆ The results of the study indicate that the 85th percentile speed (the speed at which 85 percent of drivers are driving at or below) is 28 mph at the first study location and 26 mph at the second study location. Based on the counted volumes, the average daily traffic for this roadway exceeds 1,000 vehicles.
- ◆ Per Aston Township's Traffic Calming Policy, roads that meet a minimum of 2.5 points from a combined ranking scale are eligible for traffic calming. The 85th percentile speed at the first location registers 0.5 points, while average daily traffic above 1,000 vehicles per day registers 2.0 points. With a combined score of 2.5 points, Donnelly Avenue meets the minimum threshold.

Traffic Calming Options



Time Based Movement Restrictions



Traffic Calming Options



Median and Curb Bumpout



Median



Median



Traffic Calming Options



Speed Hump



Mini-Roundabout



Mini-Roundabout



Traffic Calming Options



Curb
Bumpout



Location Map



[Google Maps](#)

Next Steps



- ◆ Review your comments
- ◆ Prepare a draft plan for the Commissioners
- ◆ Present to neighborhood at a second meeting
- ◆ Vote on implementation if approved by the Board
- ◆ Put out to bid if applicable



QUESTIONS?

