



West Windsor Township

Public Presentation

on the

Canal Pointe Boulevard Reconstruction

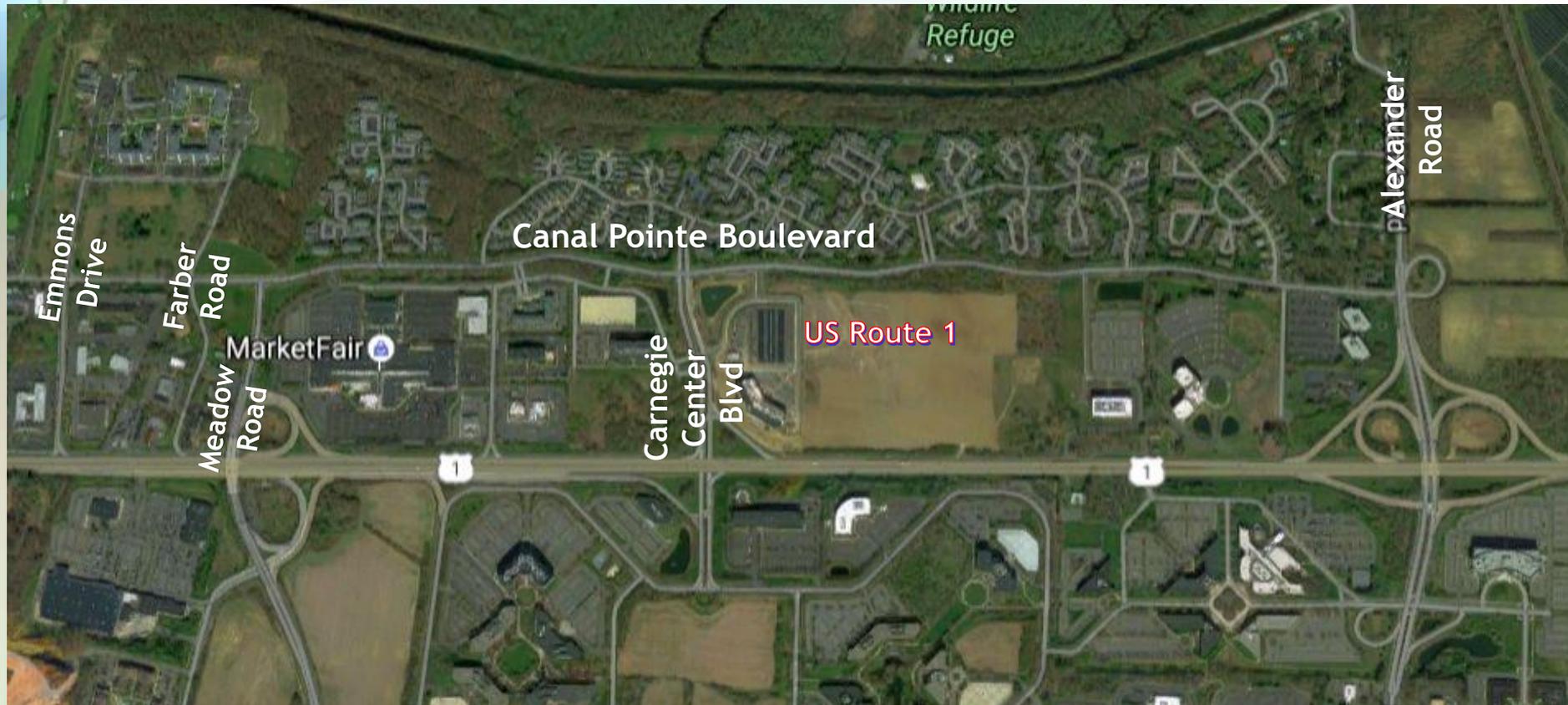
Presented by the

Department of Community Development

September 22, 2016

Project Corridor

- Entirety of Roadway - From Emmons Drive to Alexander Road (1.75 miles)
- Serves Mixed Use Development (Residential, Office, Commercial and Retail)
- Traffic Signals at Meadow Road & Alexander Road
- All other existing intersections are stop controlled



Conditions - Emmons to Meadow

- Existing 2-Lane Roadway (0.25 mile)
- Serves Mixed Use Development (Residential, Office, Commercial and Retail)
- Traffic Signal at Meadow Road
- 2 other existing Stop controlled intersections



Conditions - Meadow to Alexander

- Existing 4-Lane Boulevard (1.5 miles)
- Serves Mixed Use Development along length of the corridor
- Traffic Signals at Alexander Road and Meadow Road
- 10 existing Stop controlled intersections



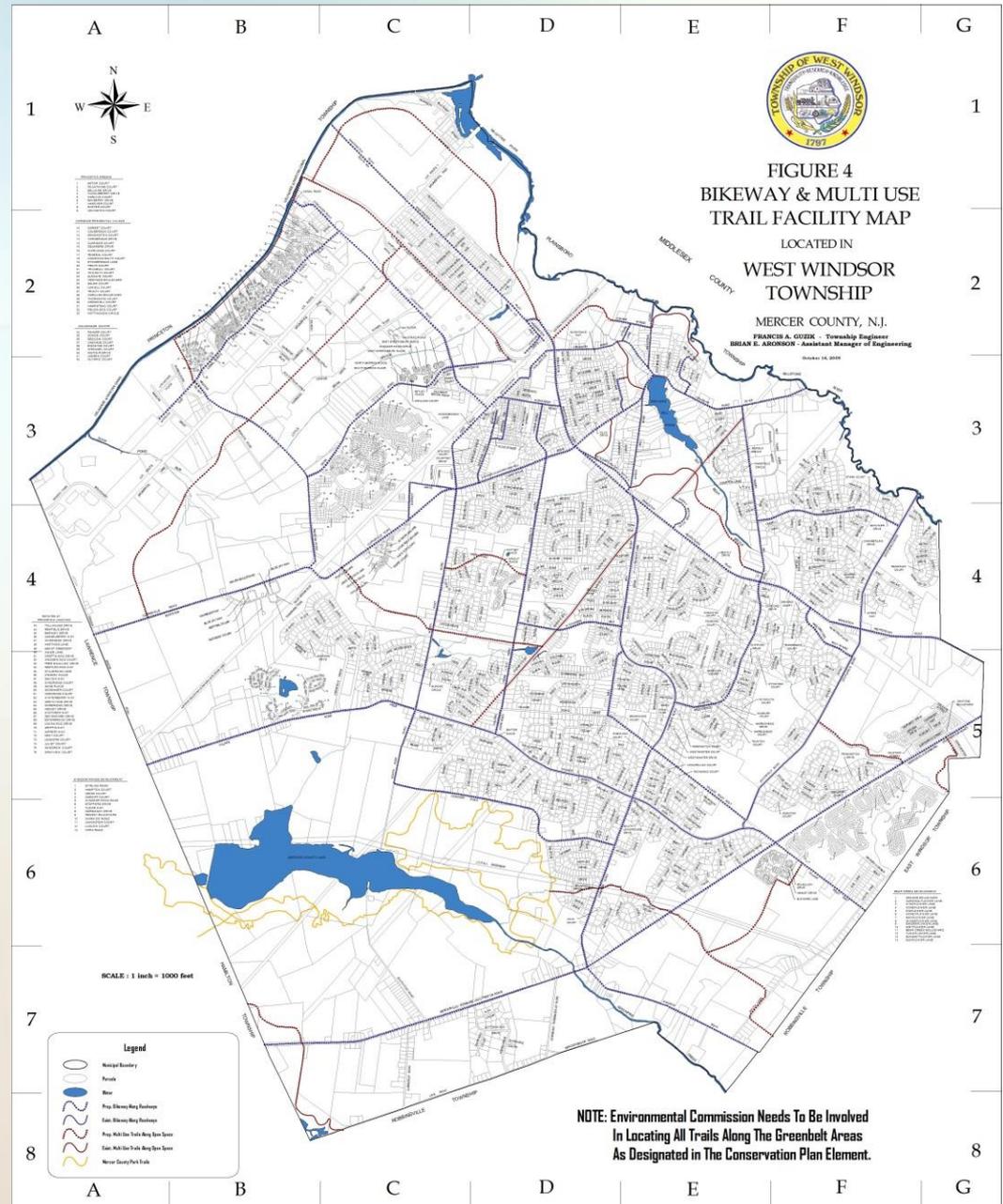
West Windsor Township Approved Master Plan: Section V - Circulation Element

- Adopted June 26, 2002.
- Updated and revised August 2010.
- “Goal B. - Encourage alternate circulation modes & networks to increase opportunities for recreational bicycling and walking.”
 - “Policy 2. - Improve pedestrian accessibility in areas of the Township where pedestrian traffic is encouraged (i.e. train station, community recreation areas, shopping areas) and in areas where pedestrian use is anticipated.”
- “Goal C. - Create a pedestrian & bikeway system which improves bicyclist and pedestrian safety.”
 - “Policy 1. - Provide accessible, convenient pedestrian and bicycle compatible links to major generators and destinations, including major shopping and commercial destinations, the PJ Train Station, employment centers, schools, community facilities.”

Figure 4 of Master Plan Circulation Element Bikeway and Multiuse Trail Facility Map

West Windsor Township currently has:

- Approximately 17.2 miles of on-street bike lanes
- Approximately 4.1 miles of paved shared pathway.
- Approximately 4.5 miles of naturalized trails.
- Approximately 98 miles of sidewalk located on both sides of the road.
- Approximately 29.6 miles of sidewalk located on one side of the road



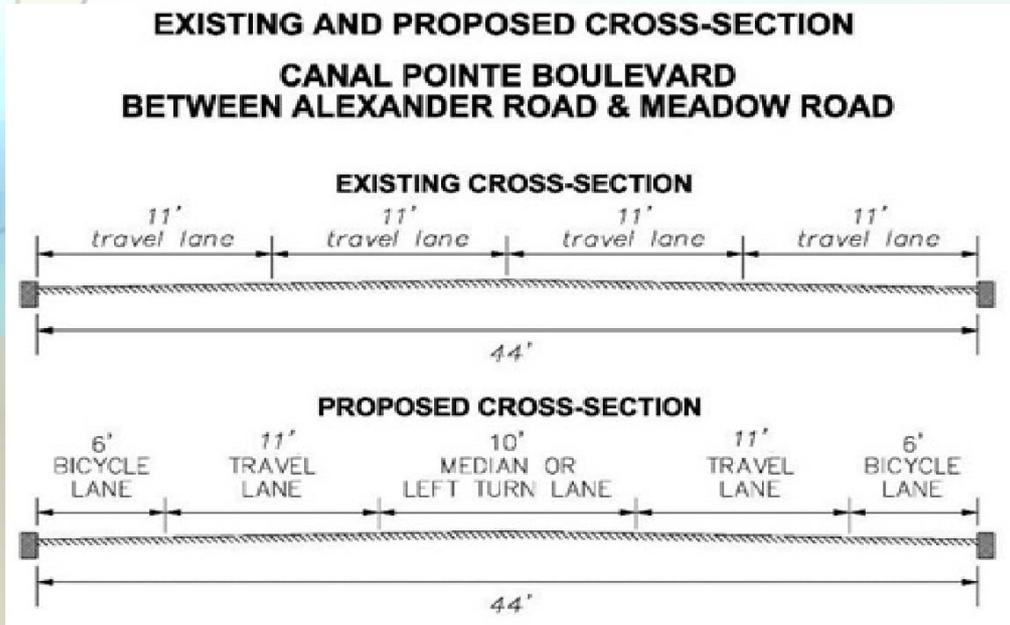
Study / Report History

- Orth-Rodgers Associates awarded a contract for professional traffic engineering analysis and concept planning of Canal Pointe Boulevard for vehicular, pedestrian and bicycle use.
- Draft Canal Pointe Boulevard Road Diet Study report issued June 9, 2014.
- Final Canal Pointe Boulevard Road Diet Study Report issued March, 2015 by The Burns Group (purchased Orth-Rodgers Associates).
- Public Presentation of the Canal Pointe Boulevard Road Diet Study held on April 21, 2015.
- Presentation uploaded to the Township website and public comment reporting period ended May 8, 2015.
- Public comment analysis issued May 19, 2015

Conditions - Meadow to Alexander

RECOMMENDATION

- Single through lane in each direction with center TWLTL



'ROAD DIET'
Traffic Calming Technique to reduce speeds, reduce crashes and provide bicyclists and pedestrians increased mobility within the same corridor

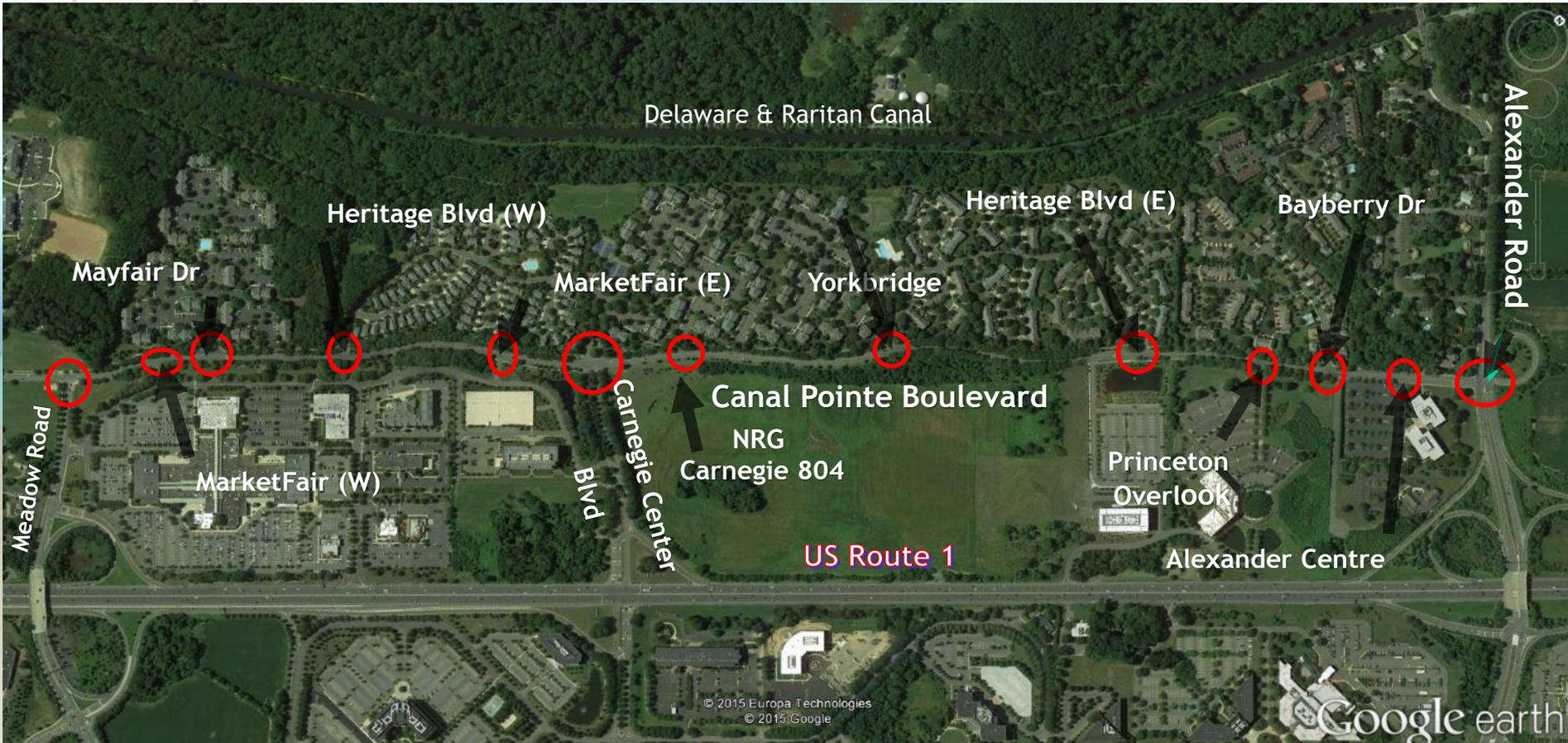
Reduces speeds, reduces crashes, reduces pedestrian exposure to moving vehicles (both parallel to lanes and crossing Canal Pointe), introduces bike lanes

Public Comment Analysis Findings

Respondent Type	In Support Of Road Diet	Opposed to Road Diet	Unclear Response
Resident along the corridor	23	7	2
Other resident within West Windsor	4	1	0
Out of Town person	2	1	0
Business Owner along the corridor	0	0	1
Unclear from where Response	2	0	0
Total	31	9	3

As you can see by the table a total of 31 out of the 43, or 72%, were in favor of implementing the Road Diet. Another 9 out of 43, or 21% clearly opposed, and the remaining 7% are neither clearly supporting nor opposing in their comments.

Road Diet Corridor

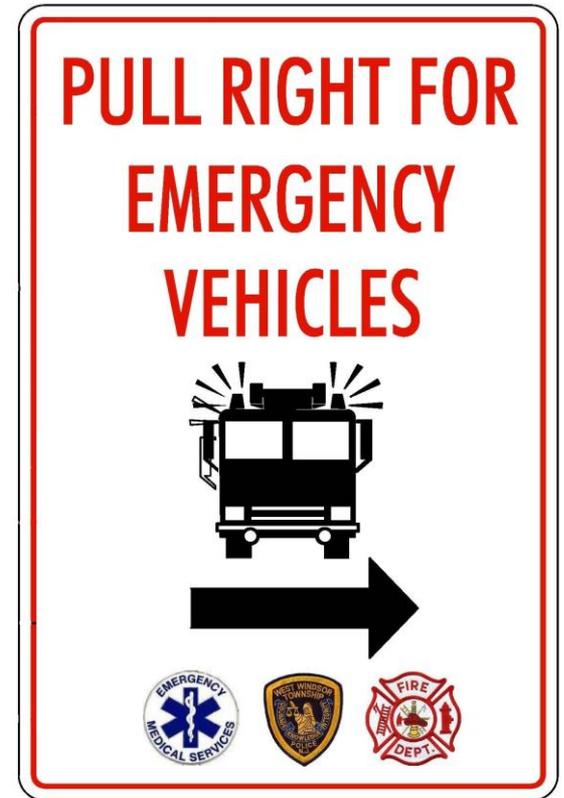


Mayor, Council, and Administration efforts

- Canal Pointe Boulevard reconstruction discussed at multiple Annual Capital Budget Meetings since 2012.
- 2015 Capital Budget earmarked funding for surveying, permitting and engineering design along with partial reconstruction allocation.
- Designated as a HIGH PRIORITY project by the Mayor, Administration and Council.
- Mayor supports “Road Diet” implementation as a safety improvement as part of resurfacing design based on Traffic Engineer’s March 2015 Road Diet Safety Report and public comments from May 2015 public presentation.
- Direction given to delay previously funded road projects and reallocate assets for complete Canal Pointe Boulevard resurfacing activities.

Fire and Emergency Services review and comments

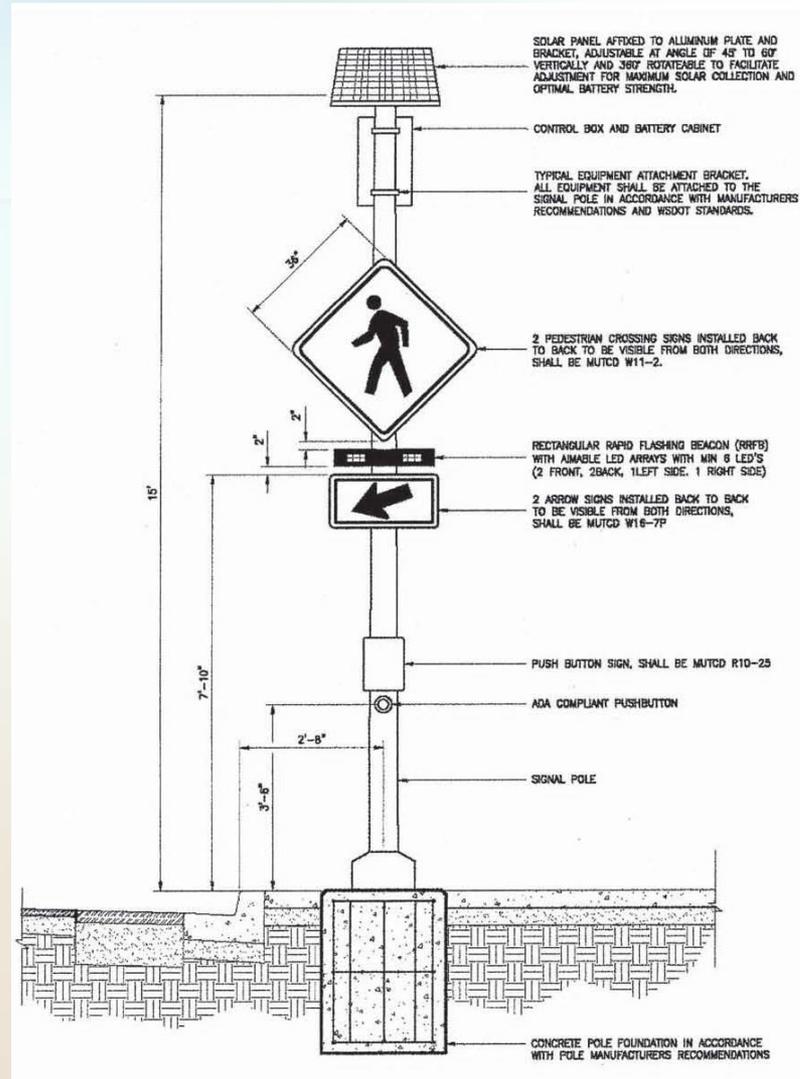
- Several project meetings held with Fire and EMS representatives
- Custom advisory signage requested
- Center Lane FIRE LANE designation - pavement markings requested
- Emergency Pre-Emption Equipment at Alexander Road Traffic Light requested - to be engineered, permitted and installed within future budget
- Pedestrian timer heads and audible warning equipment to be budgeted and installed within future budget.



Rectangular Rapid Flashing Beacon System (RRFB)

Pedestrian activated warning systems to be installed at the following intersections:

- Heritage Boulevard - East Entrance
- Carillon Boulevard Entrance
- Heritage Boulevard - West Entrance
- Mayfair Drive Entrance

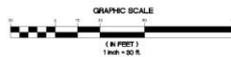
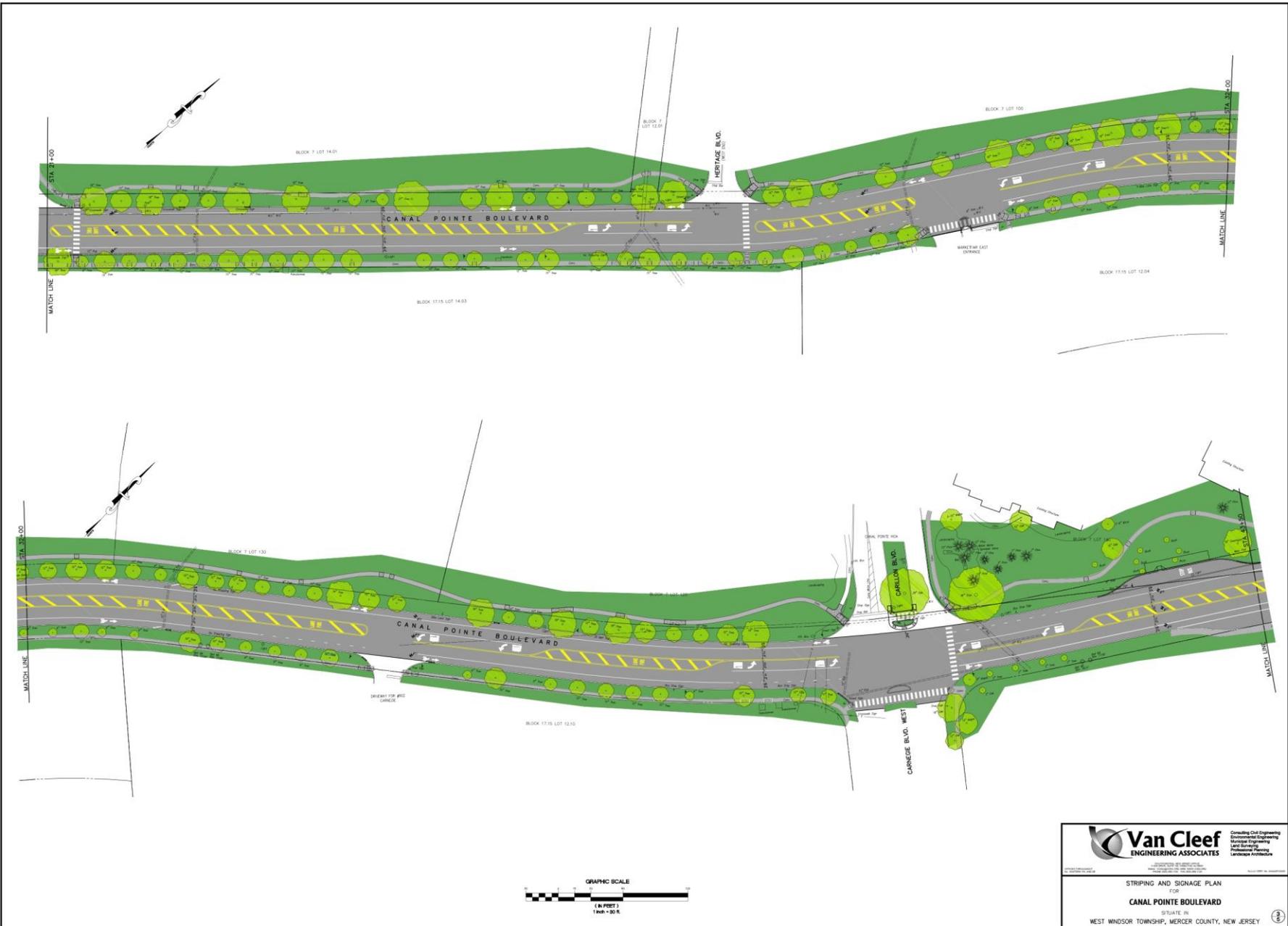


Example of Rectangular Rapid Flashing Beacon System (RRFB) located along Alexander Road at the new Parking Authority Parking Lot South.



Existing Bus Stop bump out across from Heritage Boulevard
(East Entrance) intersection



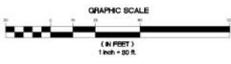
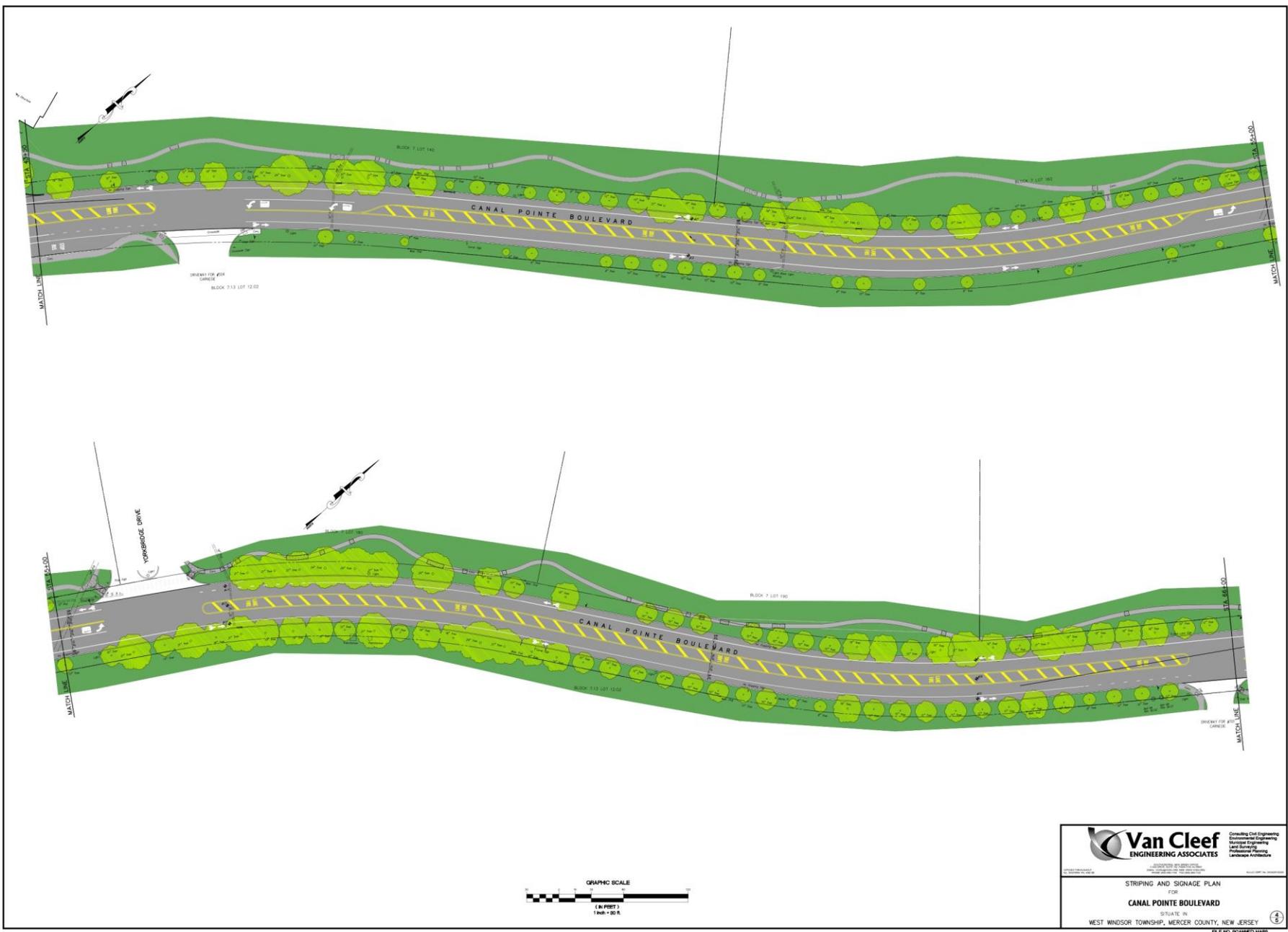



 Consulting Civil Engineering
 Environmental Engineering
 Municipal Engineering
 Park Planning
 Landscape Architecture

STRIPING AND SIGNAGE PLAN
 FOR
CANAL POINTE BOULEVARD
 SITE NO. 16
 WEST WINDSOR TOWNSHIP, MERCER COUNTY, NEW JERSEY

REGISTERED PROFESSIONAL ENGINEER
 STATE OF NEW JERSEY
 LICENSE NO. 240000001
 DATE OF EXPIRATION: 12/31/2024

FILE NO. 2024-0001
 DATE: 08/20/24



Van Cleef
 ENGINEERING ASSOCIATES

Consulting Civil Engineering
 Environmental Engineering
 Municipal Engineering
 Land Surveying
 Professional Planning
 Landscape Architecture

STRIPING AND SIGNAGE PLAN
 FOR
CANAL POINTE BOULEVARD
 SITUATE IN
 WEST WINDSOR TOWNSHIP, MERCER COUNTY, NEW JERSEY

FILE NO. 20-00-00000



Next steps:

- ▶ Township consultant completes technical specifications and construction documents.
- ▶ Project is publicly bid.
- ▶ Township Council awards construction contract.
- ▶ Public notification of construction activities sent out.
- ▶ Coordination with EMS/Police/Fire Companies/School District.
- ▶ Contractor completes construction activities.
- ▶ Township residents benefit from reconstructed roadway.



QUESTIONS?

CANAL POINTE BOULEVARD RECONSTRUCTION PROJECT



**Dept. of Community Development
West Windsor Township
271 Clarksville Road
West Windsor, NJ 08550**