

Public Information Meeting

Cranbury Road(CR 615) Area Bicycle and Pedestrian Mobility Alternatives Study Township of West Windsor, NJ

Presented by:



The Louis Berger Group, Inc.

In Association with:



Mercer County Engineering

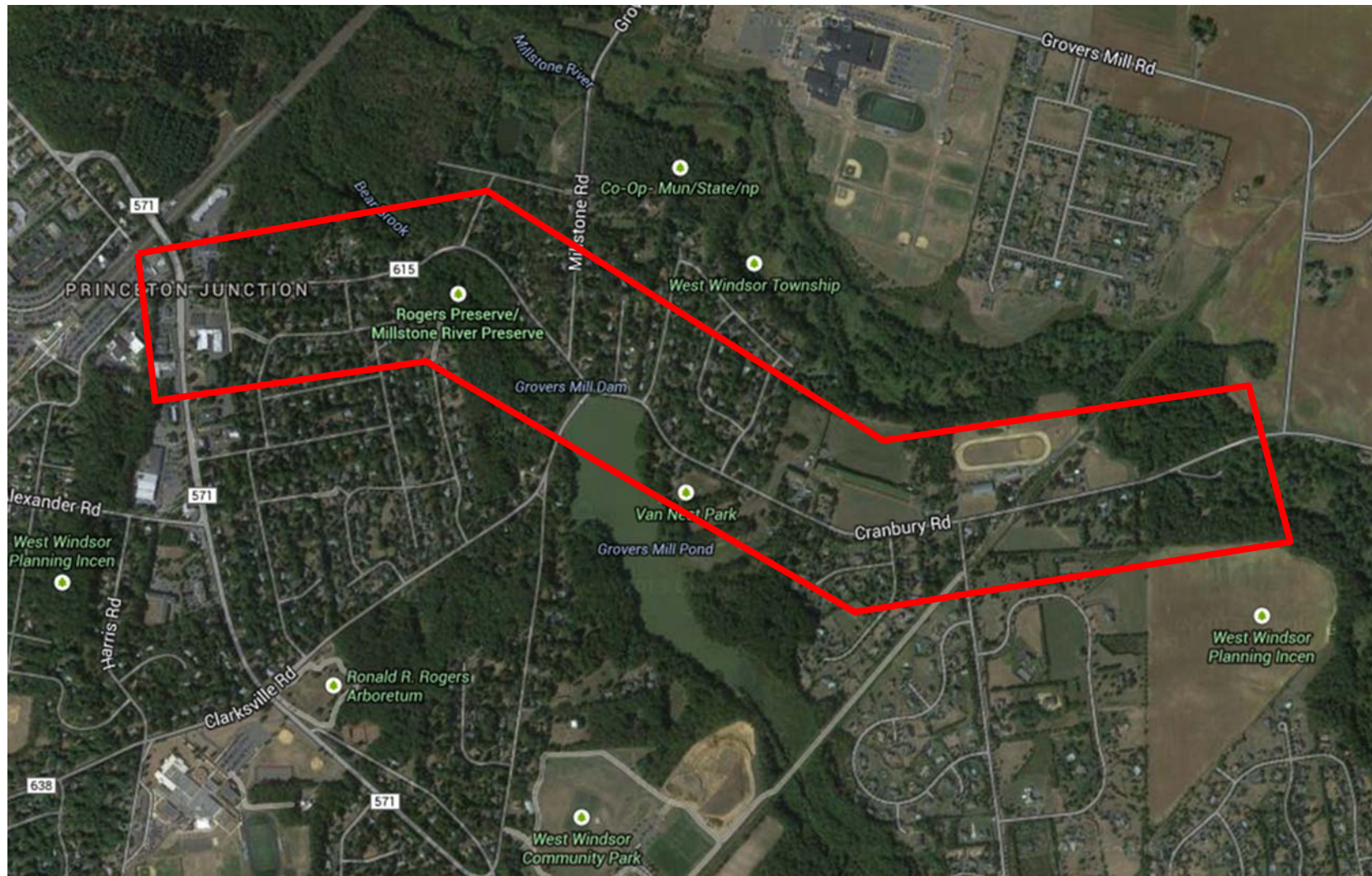


Purpose of Meeting

- Project Overview
- Key Dates
- Preliminary Mapping
- Study Area Constraints
- Conceptual Alternatives



Project Area



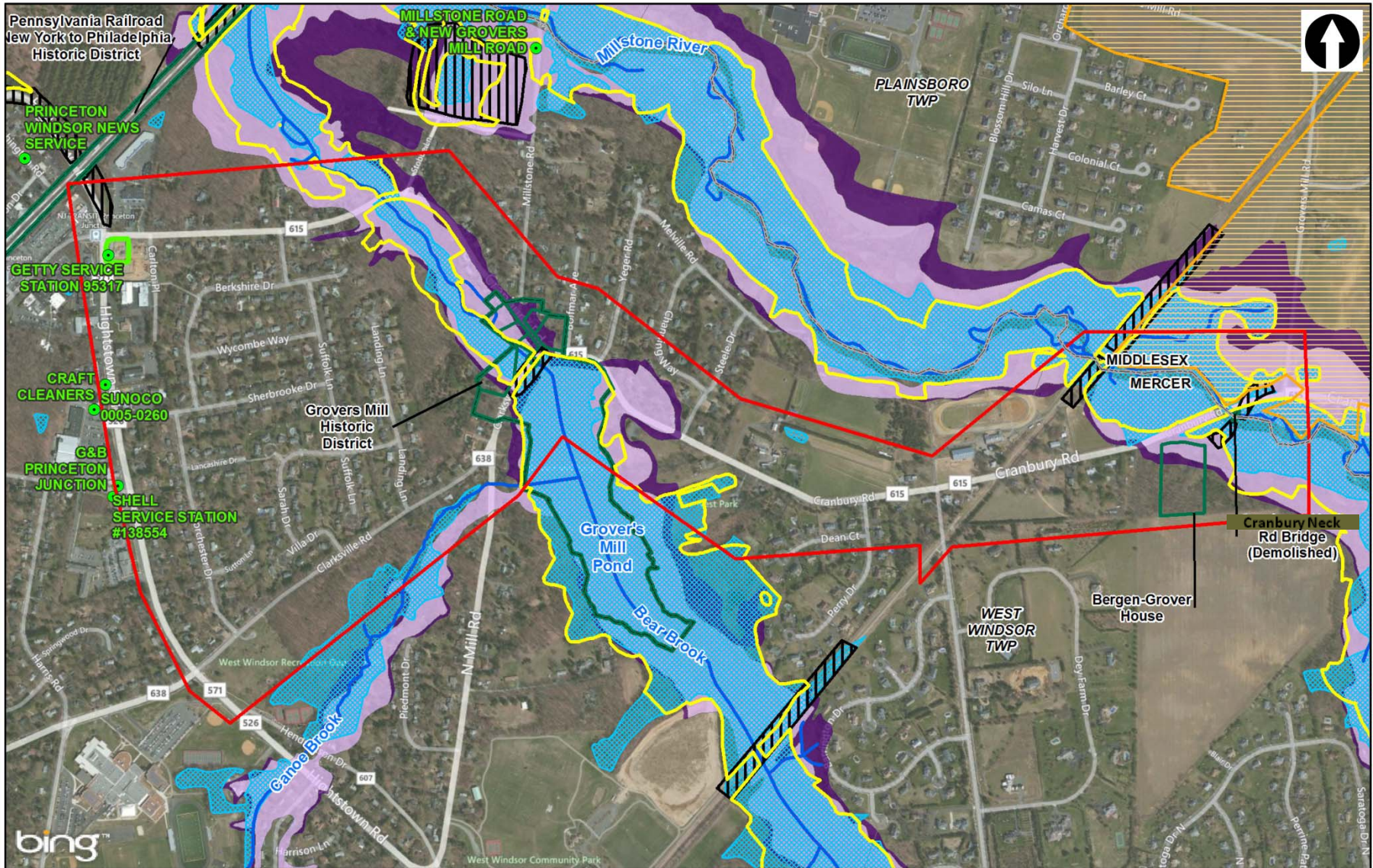
Project Work Tasks

- **Task 1**
 - Survey of Roadway Corridor
 - Tree Survey
- **Task 2**
 - Constraints Analysis
 - Existing Planned Improvements
- **Task 3**
 - Concept Development
 - Recommendations
- **Task 4**
 - Public Involvement
 - Project Team Meetings

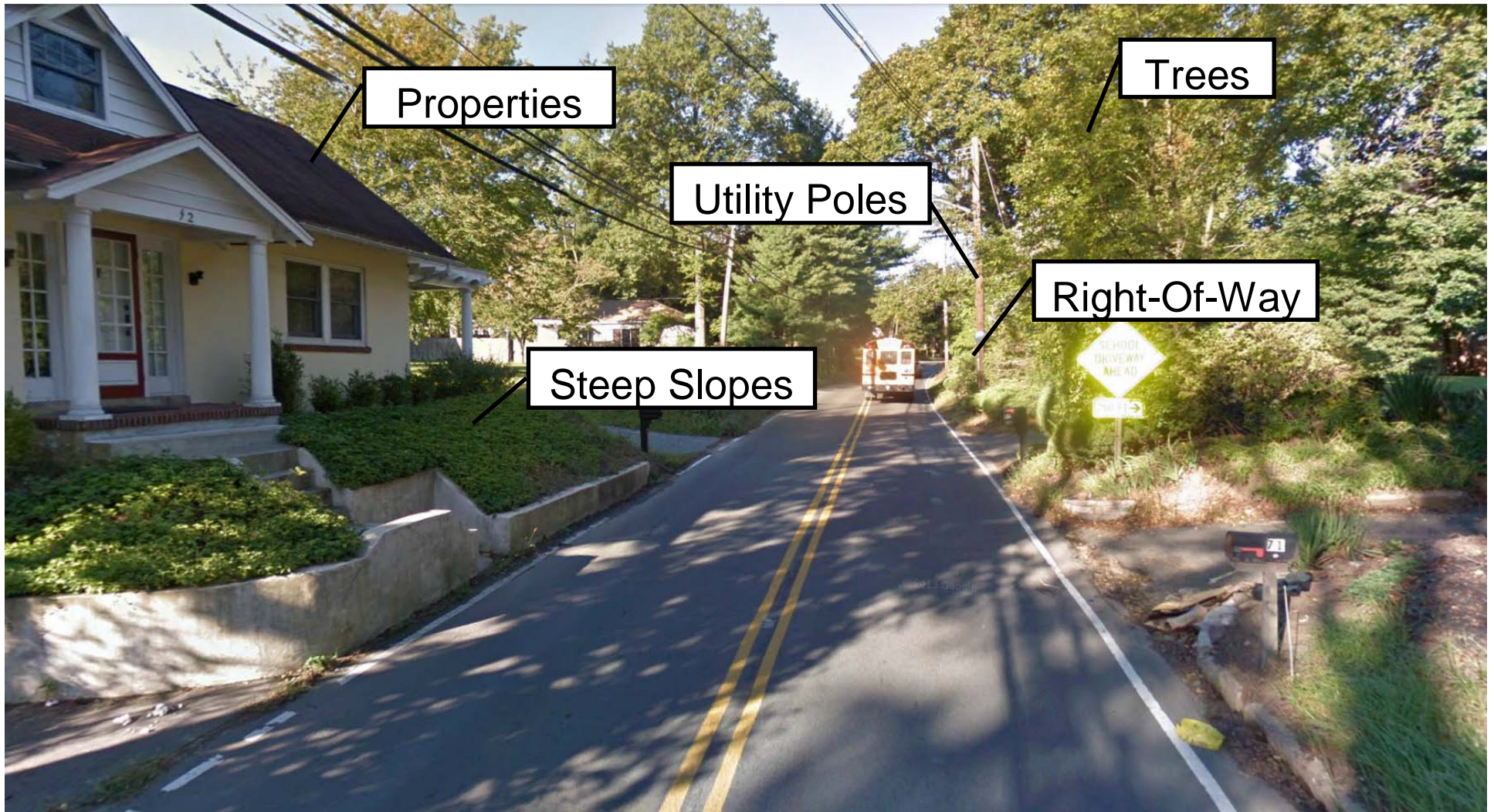
Survey of Roadway Corridor



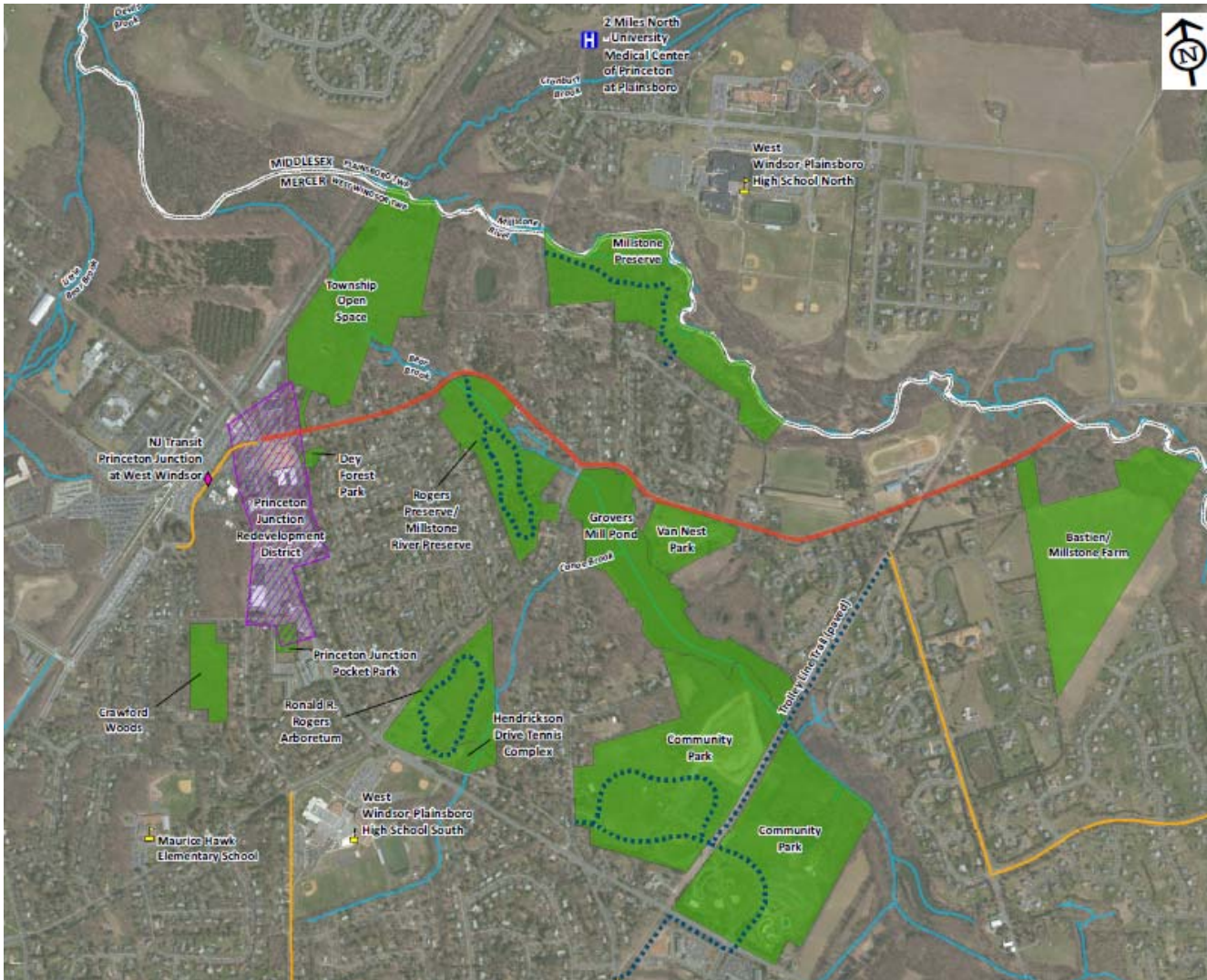
Study Area Constraints



Study Area Constraints



Destinations

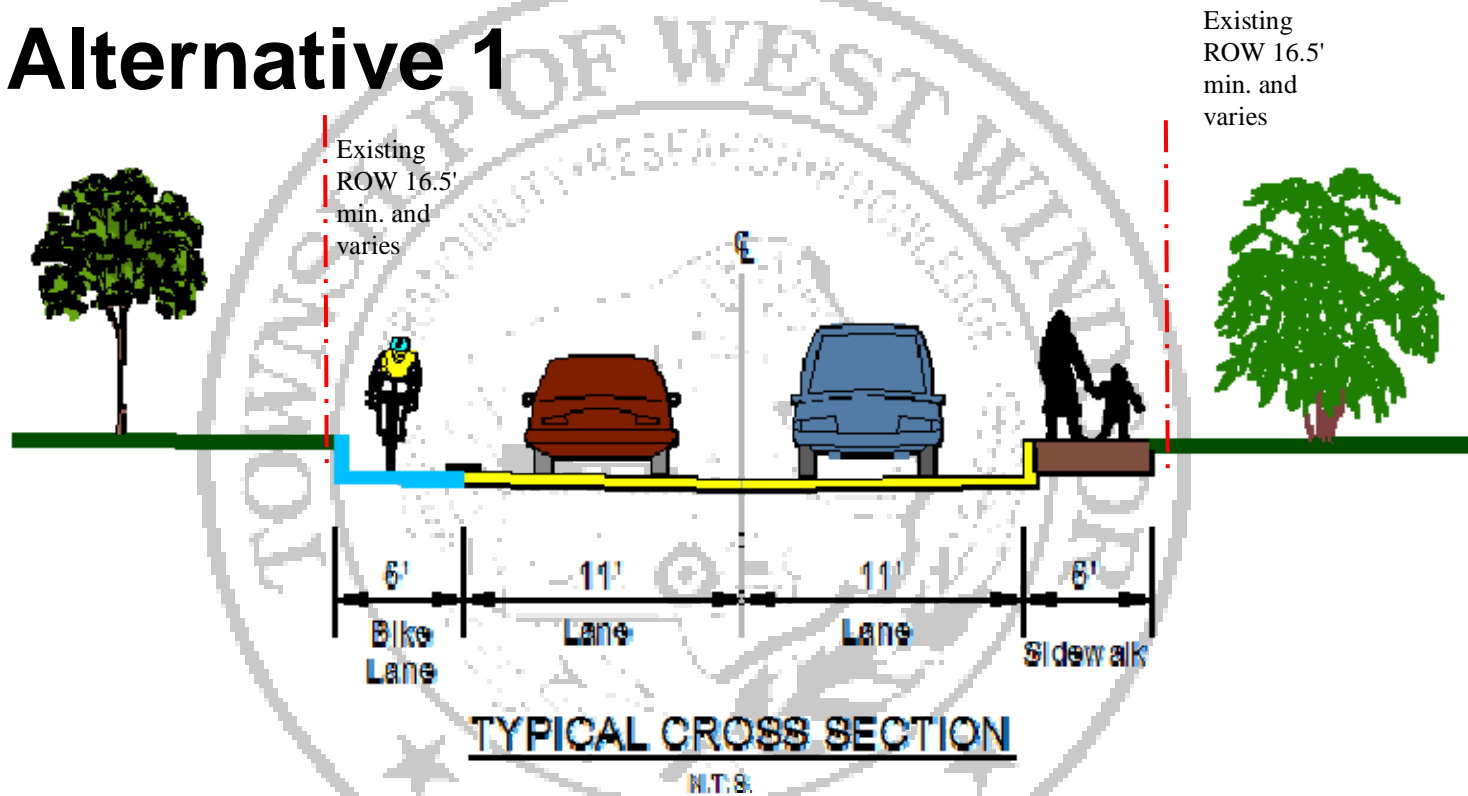


Legend

- Study Corridor
- Municipality Boundary
- Stream
- Redevelopment Area
- Area Destinations**
- Public Open Space - Active and Passive
- H Hospital
- 🏫 School
- ◆ Train Station
- - - - Trail - Unimproved
- Bike Lane

Conceptual Alternatives

Alternative 1









- 2-11' wide travel lanes
- 5' wide single bike lane northbound
- 5' wide sidewalk southbound

Alternative 1

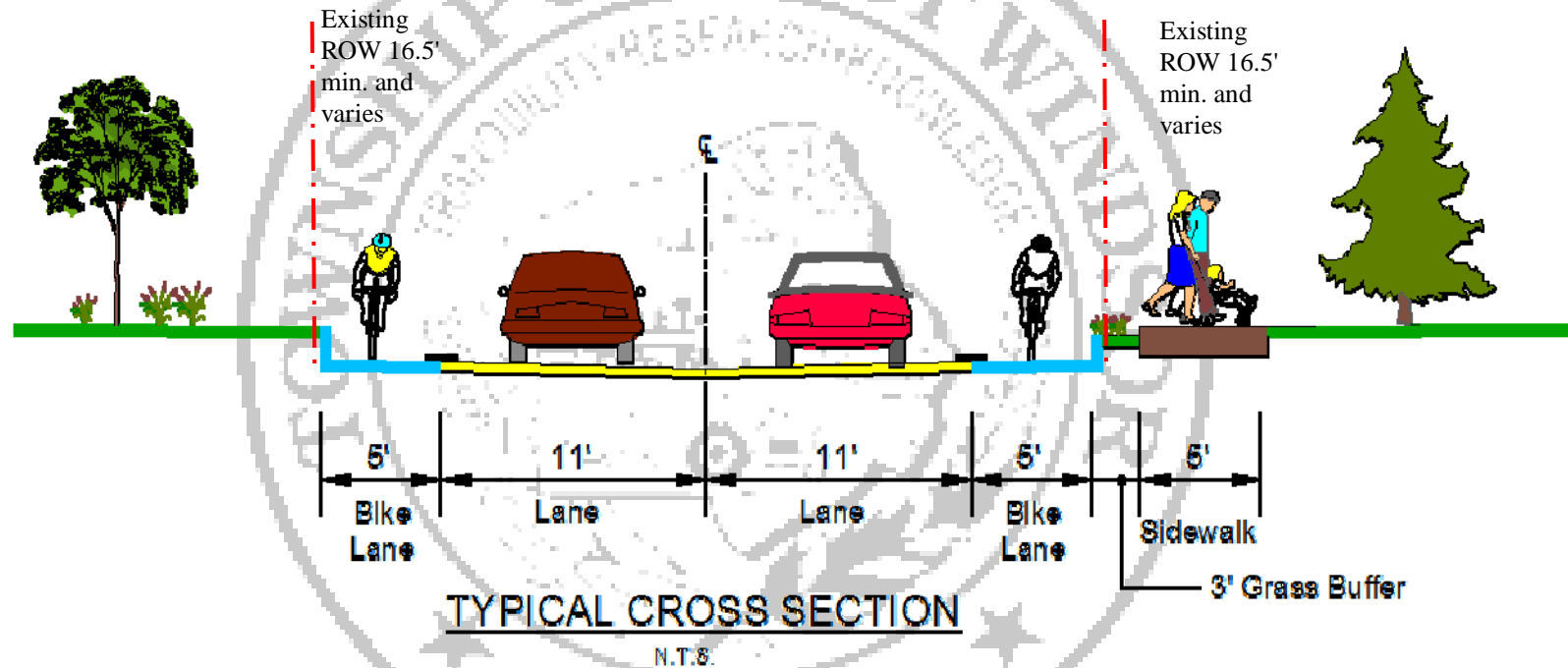


LEGEND

-  ROADWAY
-  BIKE LANE
-  GRASS/LANDSCAPE
-  SIDEWALK
-  RIGHT-OF-WAY (ROW)
-  STEEP SLOPE 20% OR GREATER

Conceptual Alternatives

Alternative 2



2-11' wide travel lanes

5' wide bike lanes on both sides







5' wide sidewalk on one side

3' wide grass buffer between sidewalk and edge of pavement

Alternative 2

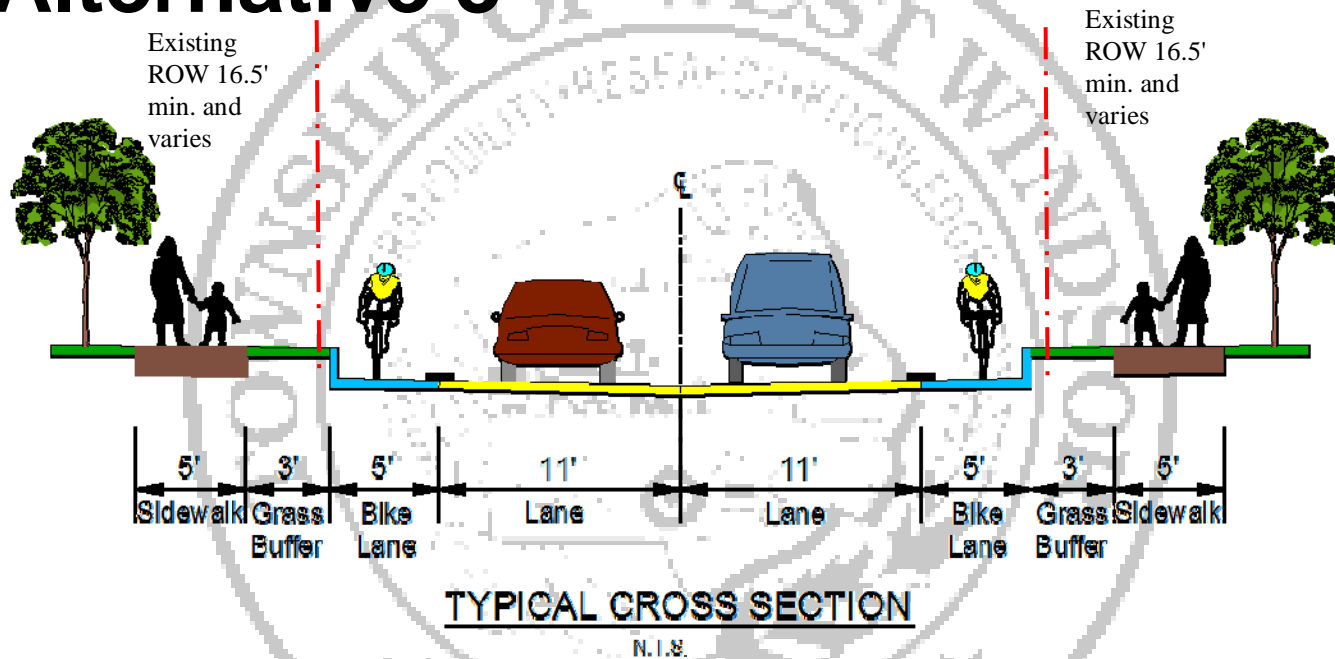


LEGEND

-  ROADWAY
-  BIKE LANE
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-  SIDEWALK
-  RIGHT-OF-WAY (ROW)
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Conceptual Alternatives

Alternative 3









- 2-11' wide travel lanes
- 5' wide bike lanes on both sides
- 5' wide sidewalk on both sides
- 3' wide grass buffers

Alternative 3

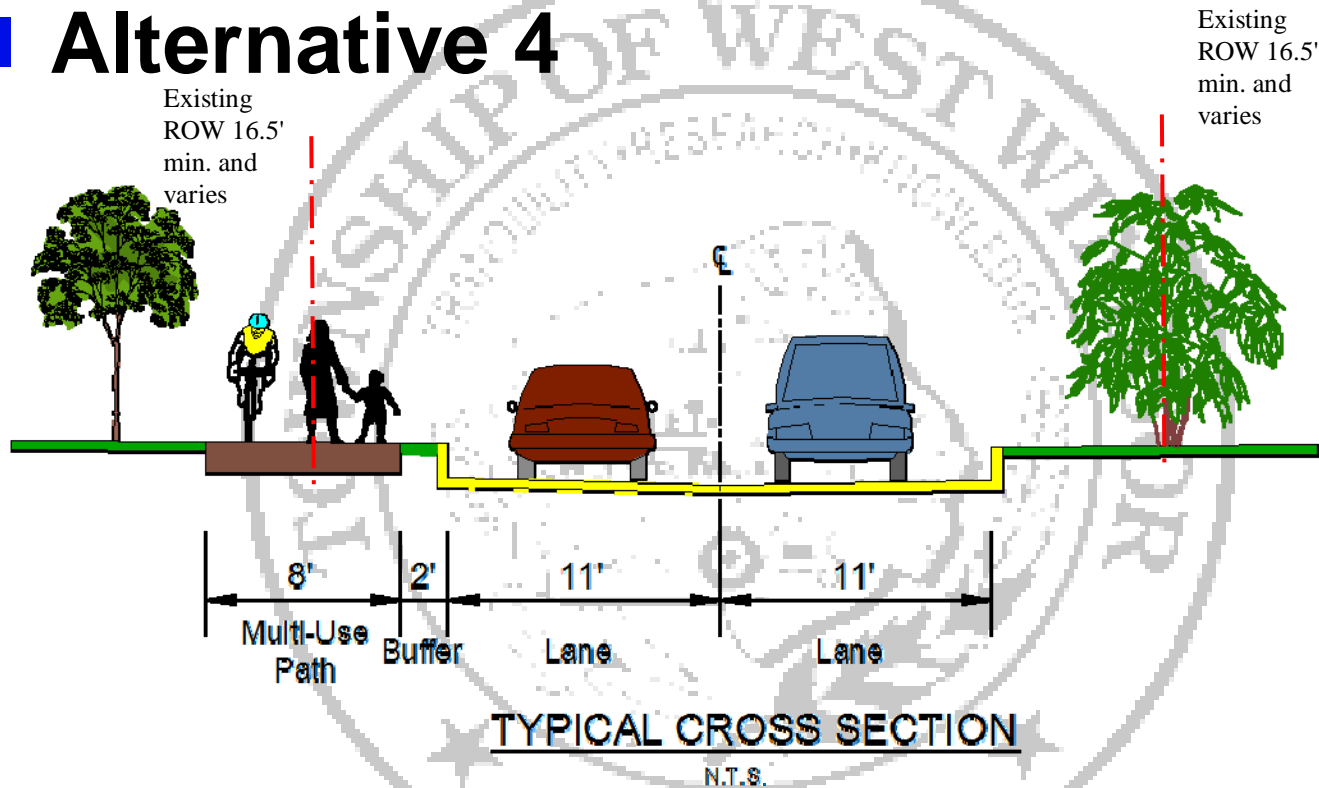


LEGEND

-  ROADWAY
-  BIKE LANE
-  GRASS/LANDSCAPE
-  SIDEWALK
-  RIGHT-OF-WAY (ROW)
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Conceptual Alternatives

Alternative 4









Multi-use path along Cranbury Road
Minimum 8' wide
Path approximately 2' from edge of pavement
2-11' wide travel lanes

Alternative 4

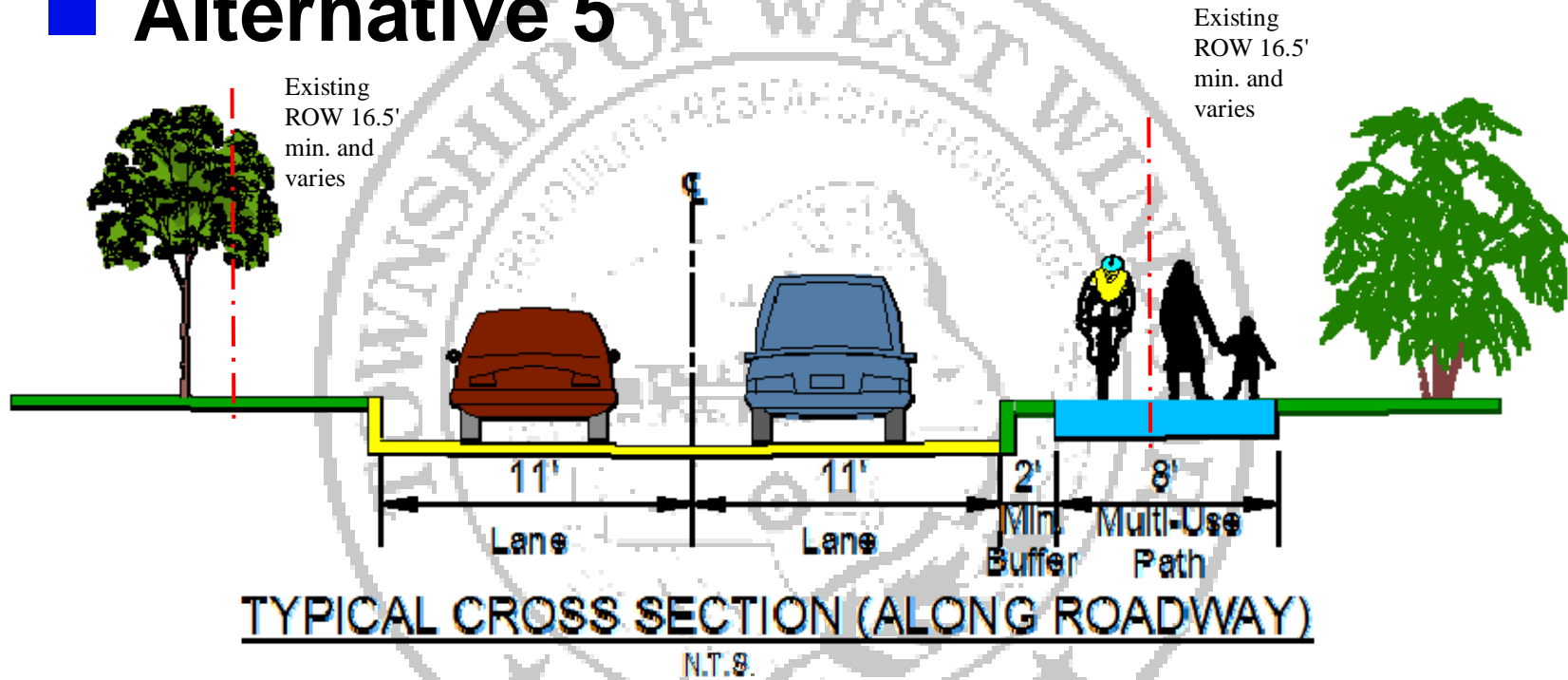


LEGEND

-  ROADWAY
-  BIKE LANE
-  GRASS/LANDSCAPE
-  SIDEWALK
-  RIGHT-OF-WAY (ROW)
-  STEEP SLOPE 20% OR GREATER

Conceptual Alternatives

Alternative 5









- Off-road multi-use path separate from Cranbury Road by more than 2'
- Beyond expected right-of-way (ROW) limits
- Minimal utility relocations and loss of mature trees

Alternative 5



LEGEND

-  ROADWAY
-  BIKE LANE
-  GRASS/LANDSCAPE
-  SIDEWALK
-  RIGHT-OF-WAY (ROW)
-  STEEP SLOPE 20% OR GREATER

Impacts

| Utility Poles Impacted | | | | |
|------------------------|---------------|---------------|---------------|---------------|
| Alternative 1 | Alternative 2 | Alternative 3 | Alternative 4 | Alternative 5 |
| 64 | 76 | 85 | 45 | 42 |

| Trees Impacted | | | | |
|----------------|---------------|---------------|---------------|---------------|
| Alternative 1 | Alternative 2 | Alternative 3 | Alternative 4 | Alternative 5 |
| 39 | 77 | 145 | 22 | 22 |

| Properties Affected | | | | |
|---------------------|---------------|---------------|---------------|---------------|
| Alternative 1 | Alternative 2 | Alternative 3 | Alternative 4 | Alternative 5 |
| 11 | 27 | 64 | 14 | 24 |

Preliminary Unit Cost Estimates

| | Alt No. 1 | Alt No. 2 | Alt No. 3 | Alt No. 4 | Alt No. 5 |
|--------------------------|--------------|--------------|--------------|--------------|--------------|
| w/ Concrete Sidewalks | \$14/LF | \$19/LF | \$24/LF | N/A | N/A |
| w/ Paved Sidewalks | \$12/LF | \$17/LF | \$20/LF | \$8 /LF | \$8 /LF |

Unit Costs are based on proposed cross-sections only, and determined based on bid prices provided by West Windsor Township.

Unit Costs are provided for preliminary discussion purposes only and exclude costs for environmental permits, stormwater management, right-of-way acquisition, utility relocations, retaining walls, tree clearing, etc. as these are site-specific costs that can be determined based on a detailed review of a selected alternative.

Key Dates

- **End of August– Concept Alternatives Revised**
- **Mid September– Public Meeting #3**
- **End of September – Final Report Submitted**

Questions

Comments /
Concerns?

