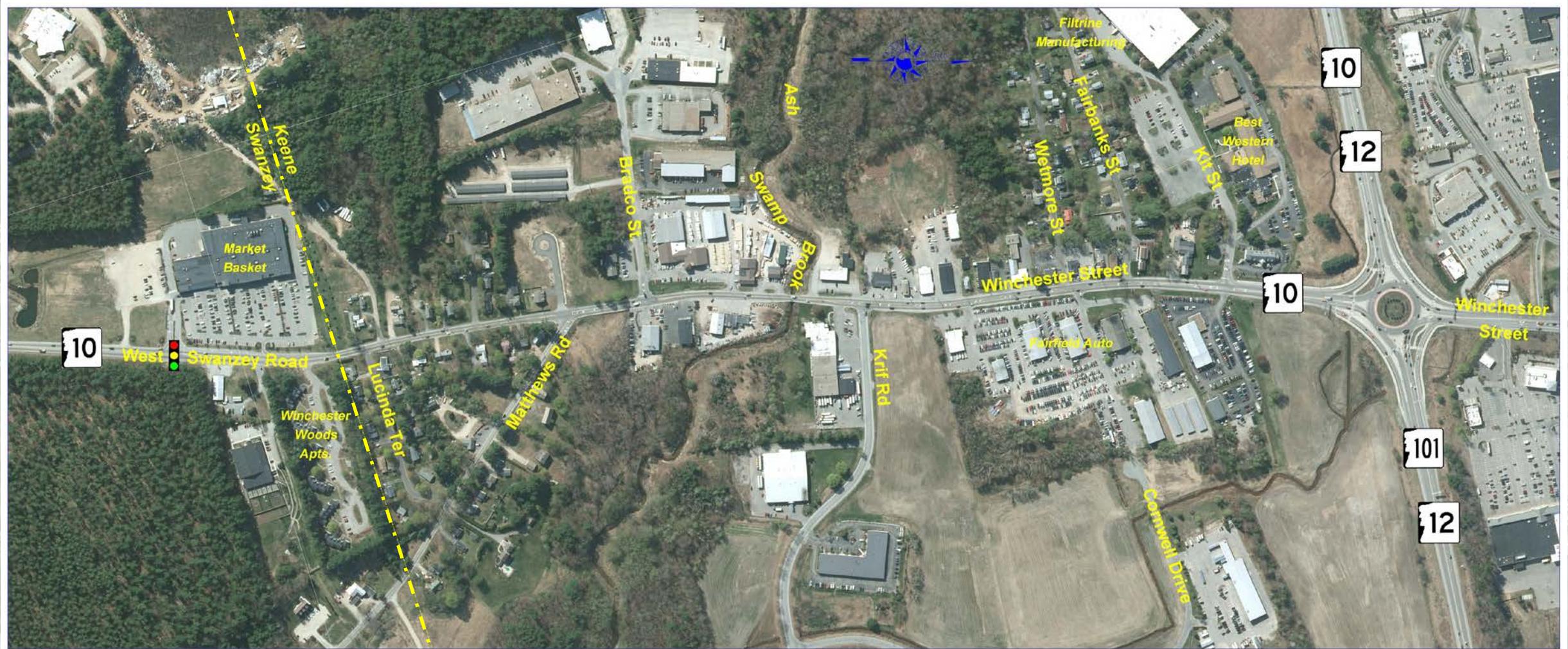




Steering Committee Meeting



July 18, 2023



Lower Winchester Street Reconstruction Project

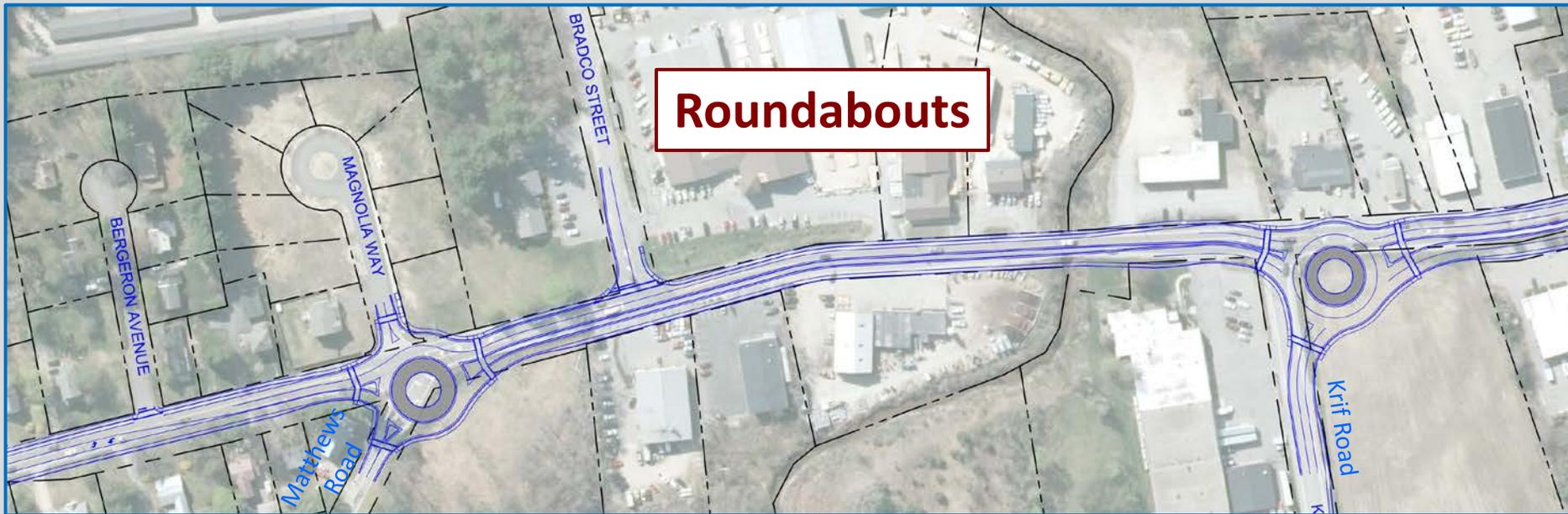


1. Call to Order / Chairman's Remarks
2. Roll Call
3. Approval of Minutes from April 25, 2023
4. Traffic Analysis
5. Alternatives Development
 - Intersection Alternatives
 - Corridor Alternatives
 - South End Survey Results
 - Market Basket Intersection
 - Pedestrian Alternatives
6. Selection of a Preferred Alternative
7. Project Schedule
8. Questions & Answers
9. Adjourn

AGENDA



Lower Winchester Street Reconstruction Project



**Intersection
Alternatives**



Lower Winchester Street Reconstruction Project

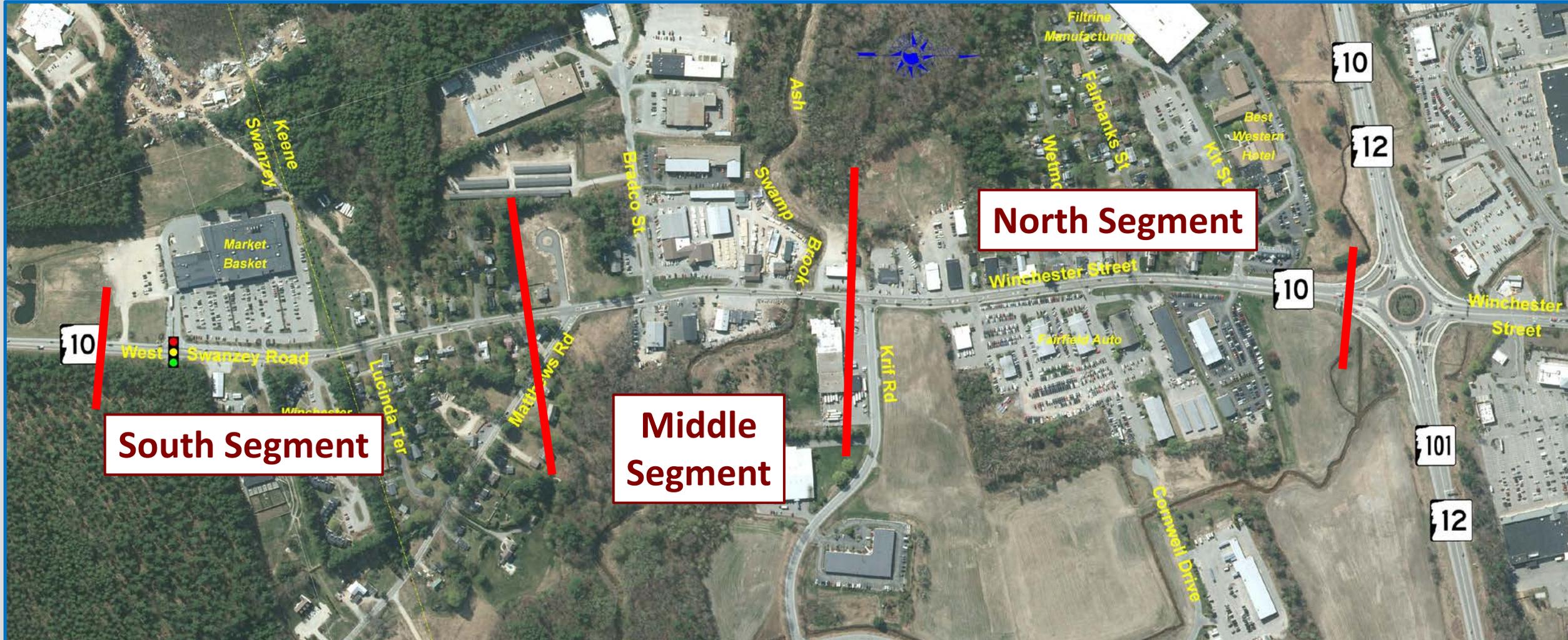


**Intersection
Alternatives**

DISCUSSION



Alternatives Development

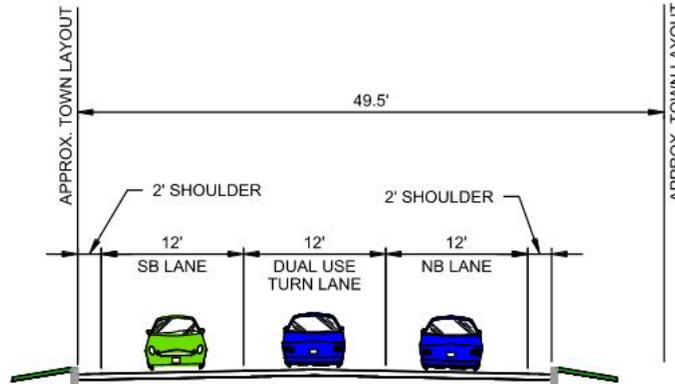




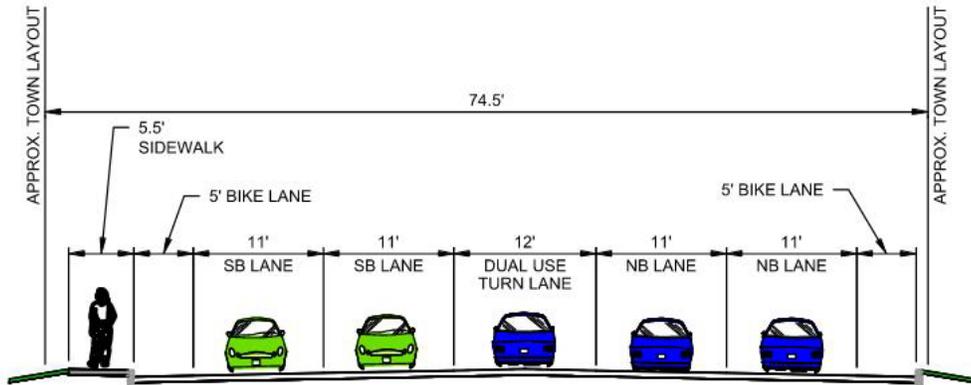
Lower Winchester Street Reconstruction Project



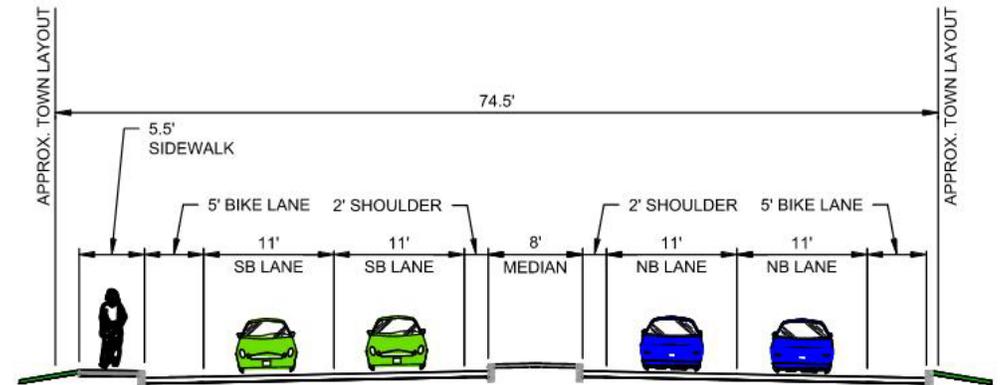
North Segment Corridor Alternatives



Existing 3-Lane Section North of Krif Road



Proposed 5-Lane Section with Center Turn Lane
North of Krif Road



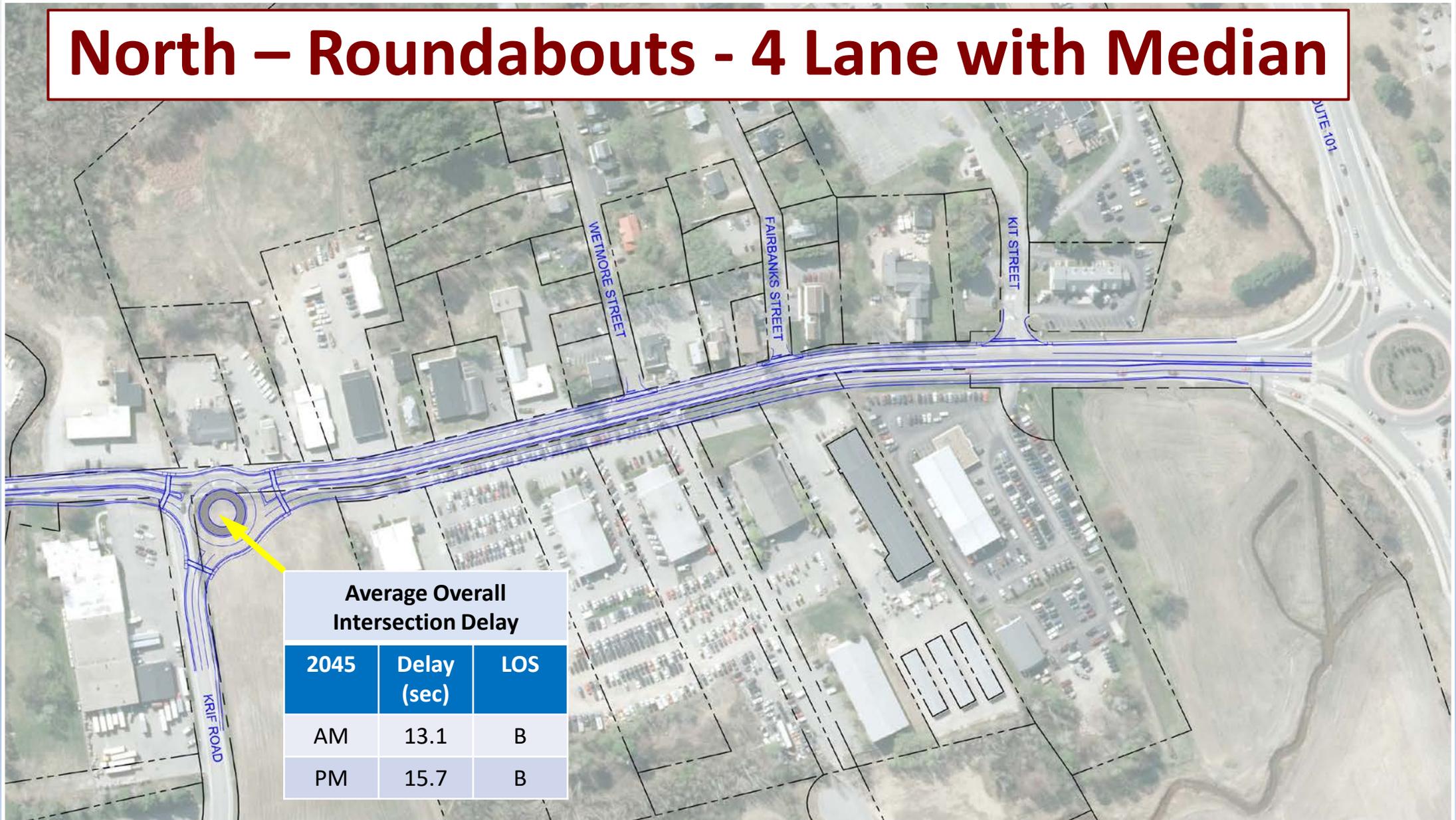
Proposed Median Divided 4-Lane Section
North of Krif Road



Lower Winchester Street Reconstruction Project



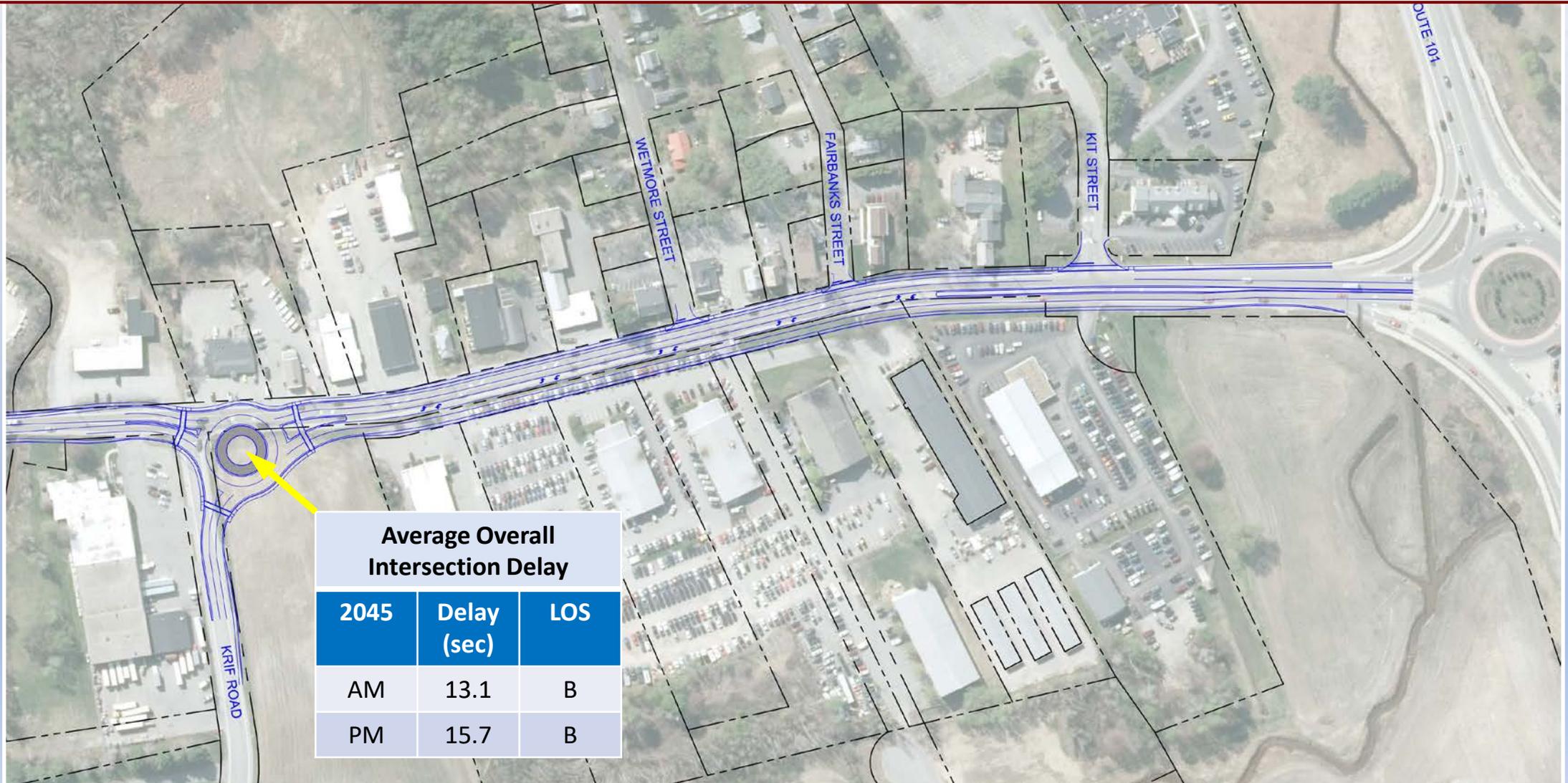
North – Roundabouts - 4 Lane with Median



Average Overall Intersection Delay		
2045	Delay (sec)	LOS
AM	13.1	B
PM	15.7	B



North – Roundabouts - 5 Lane with Center Turn Lane



Average Overall Intersection Delay		
2045	Delay (sec)	LOS
AM	13.1	B
PM	15.7	B

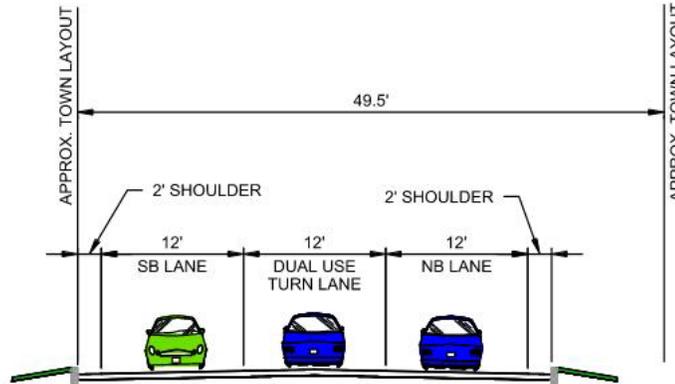


Lower Winchester Street Reconstruction Project

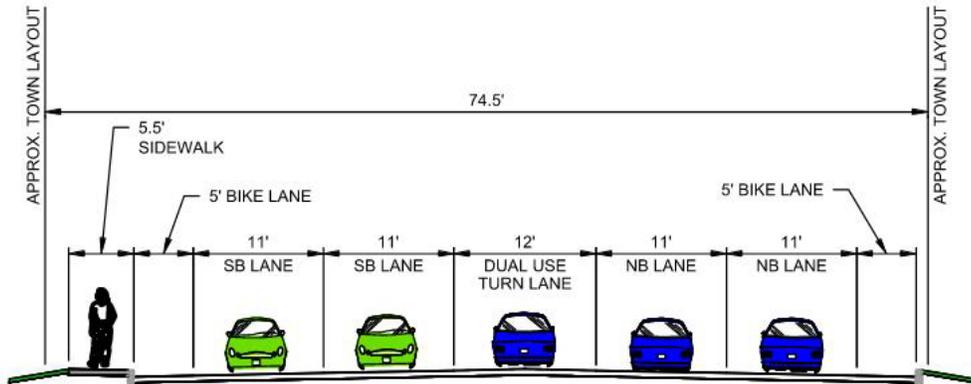


North Segment Corridor Alternatives

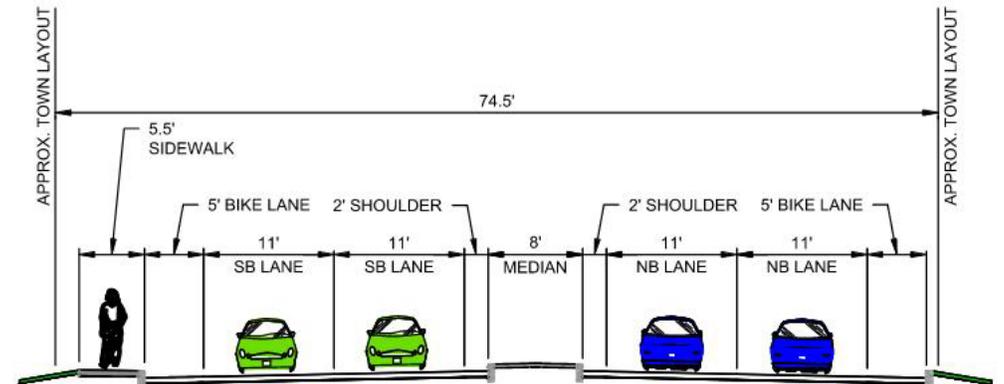
DISCUSSION



Existing 3-Lane Section North of Krif Road



Proposed 5-Lane Section with Center Turn Lane
North of Krif Road



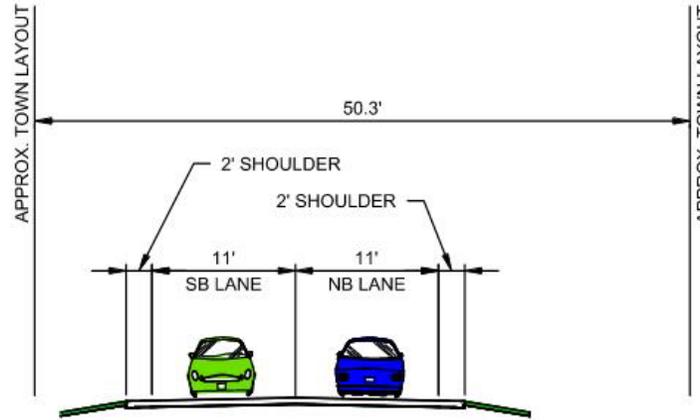
Proposed Median Divided 4-Lane Section
North of Krif Road



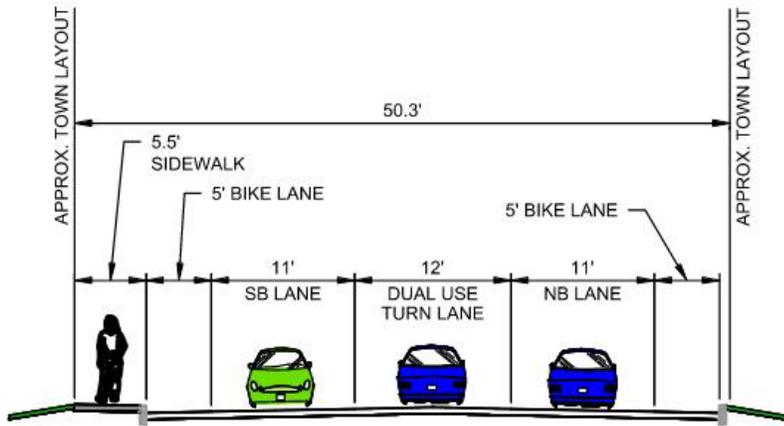
Lower Winchester Street Reconstruction Project



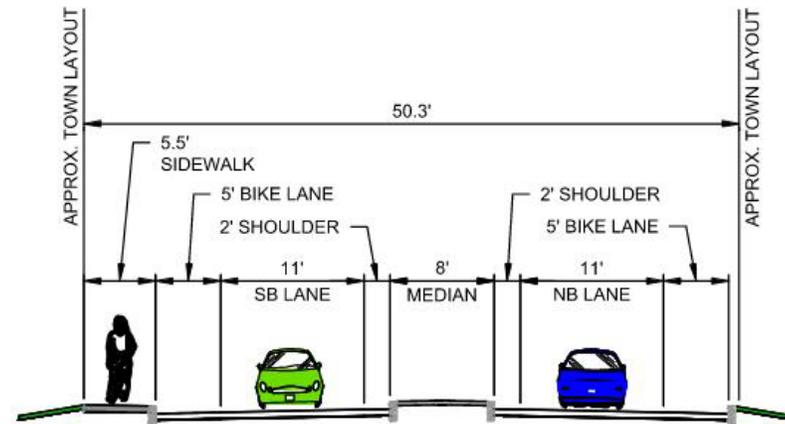
Middle Segment Corridor Alternatives



Existing 2-Lane Section Matthews Road to Krif Road



Proposed 3-Lane Section with Center Turn Lane
Matthews Road to Krif Road



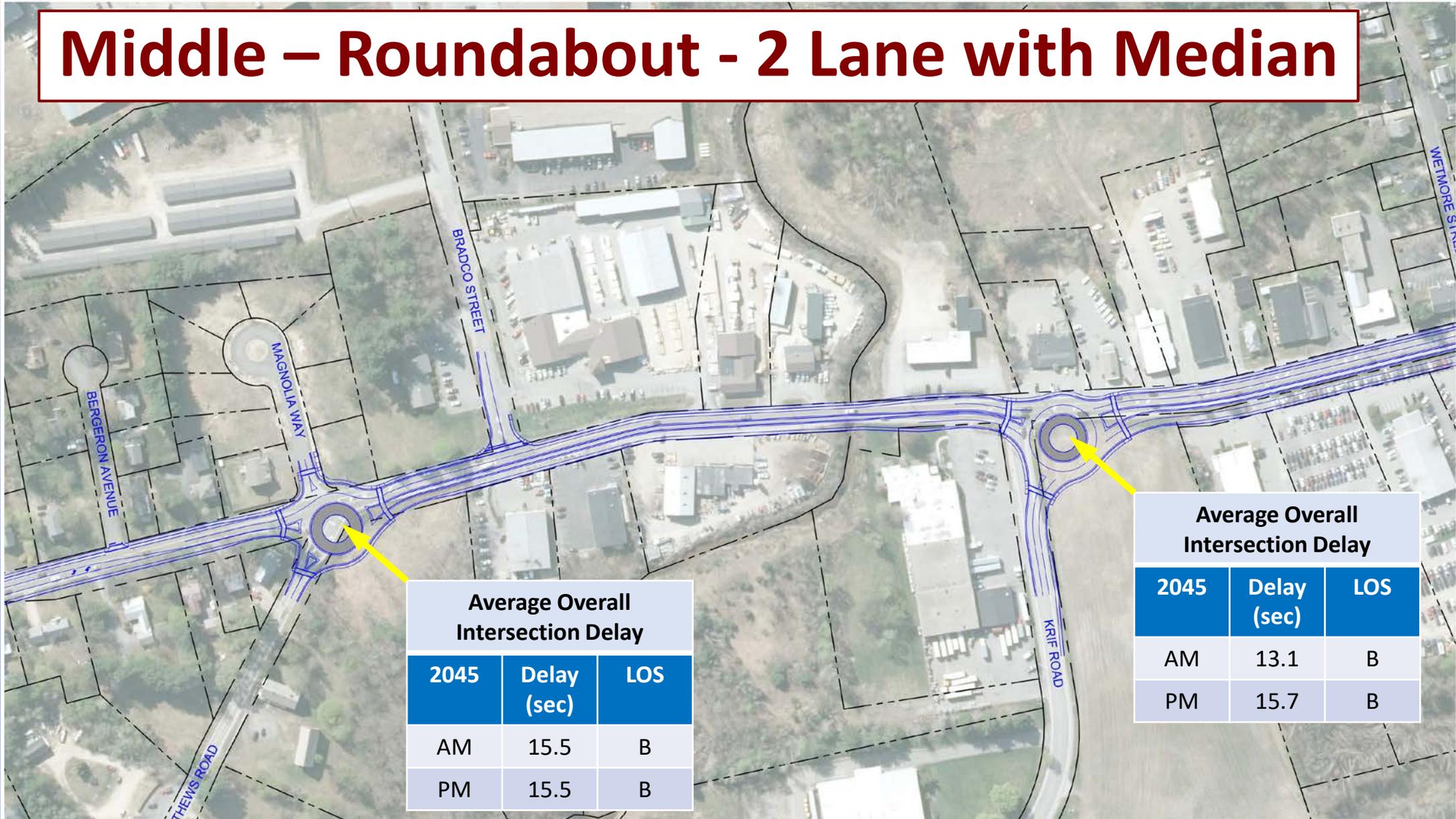
Proposed Median Divided 2-Lane Section
Matthews Road to Krif Road



Lower Winchester Street Reconstruction Project



Middle – Roundabout - 2 Lane with Median



Average Overall Intersection Delay		
2045	Delay (sec)	LOS
AM	15.5	B
PM	15.5	B

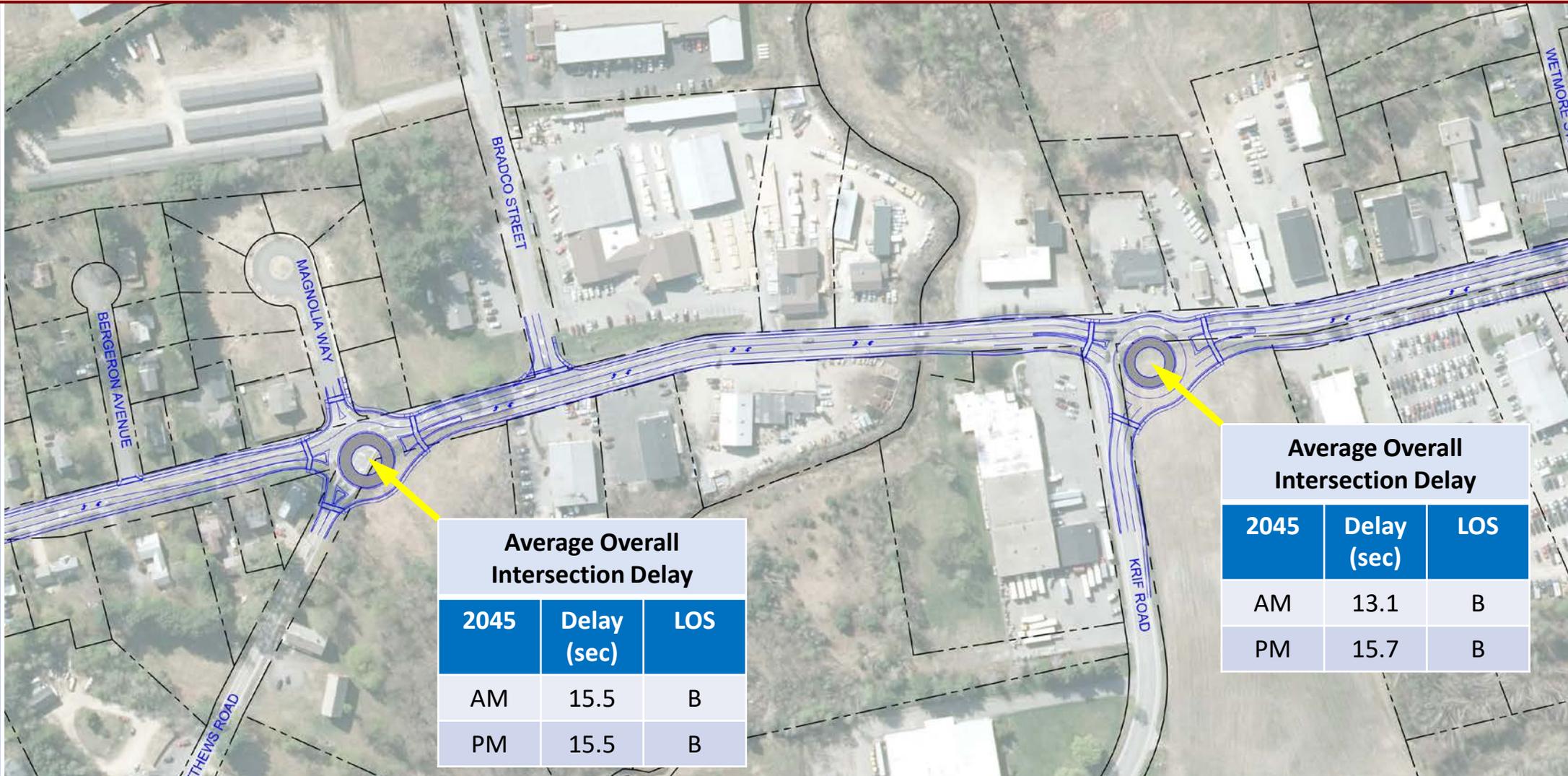
Average Overall Intersection Delay		
2045	Delay (sec)	LOS
AM	13.1	B
PM	15.7	B



Lower Winchester Street Reconstruction Project



Middle – Roundabouts - 3 Lane with Center Turn Lane



Average Overall Intersection Delay		
2045	Delay (sec)	LOS
AM	15.5	B
PM	15.5	B

Average Overall Intersection Delay		
2045	Delay (sec)	LOS
AM	13.1	B
PM	15.7	B

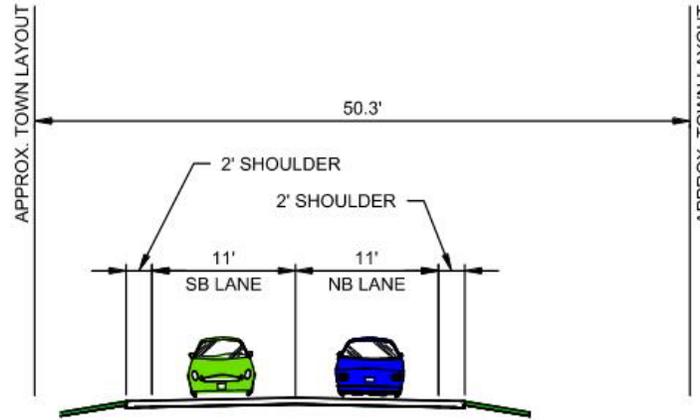


Lower Winchester Street Reconstruction Project

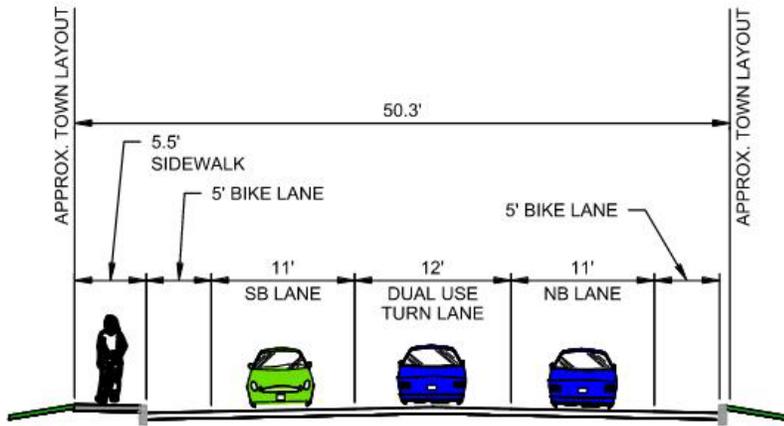


Middle Segment Corridor Alternatives

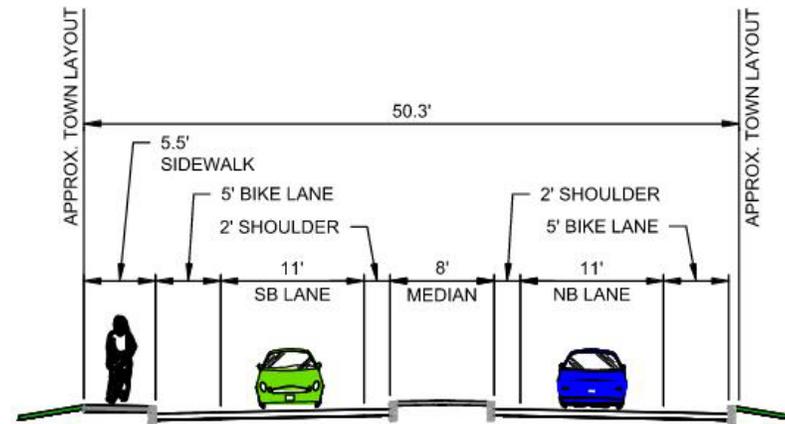
DISCUSSION



Existing 2-Lane Section Matthews Road to Krif Road



Proposed 3-Lane Section with Center Turn Lane
Matthews Road to Krif Road



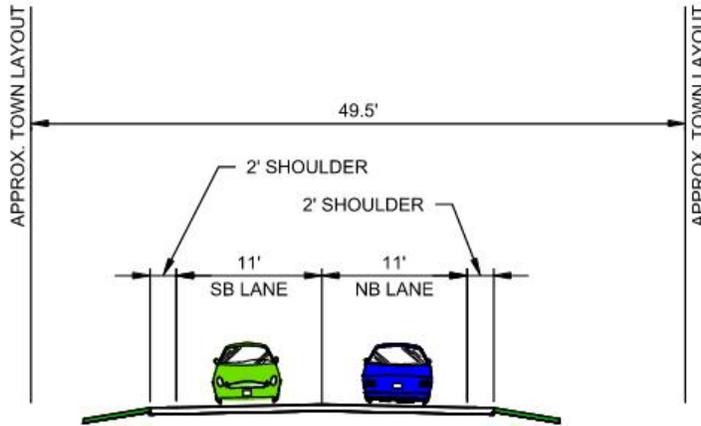
Proposed Median Divided 2-Lane Section
Matthews Road to Krif Road



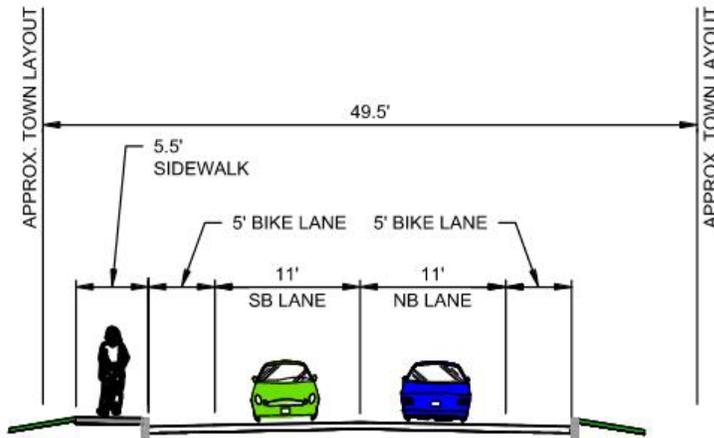
Lower Winchester Street Reconstruction Project



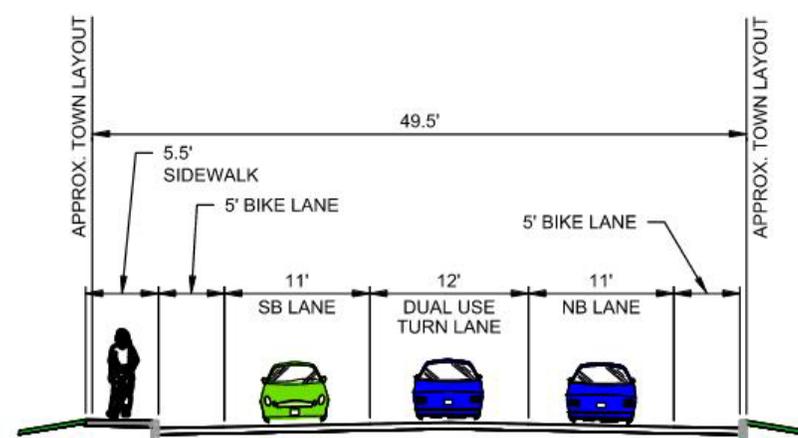
South Segment Corridor Alternatives



Existing 2-Lane Section South of Matthews Road



Proposed 2-Lane Section
South of Matthews Road



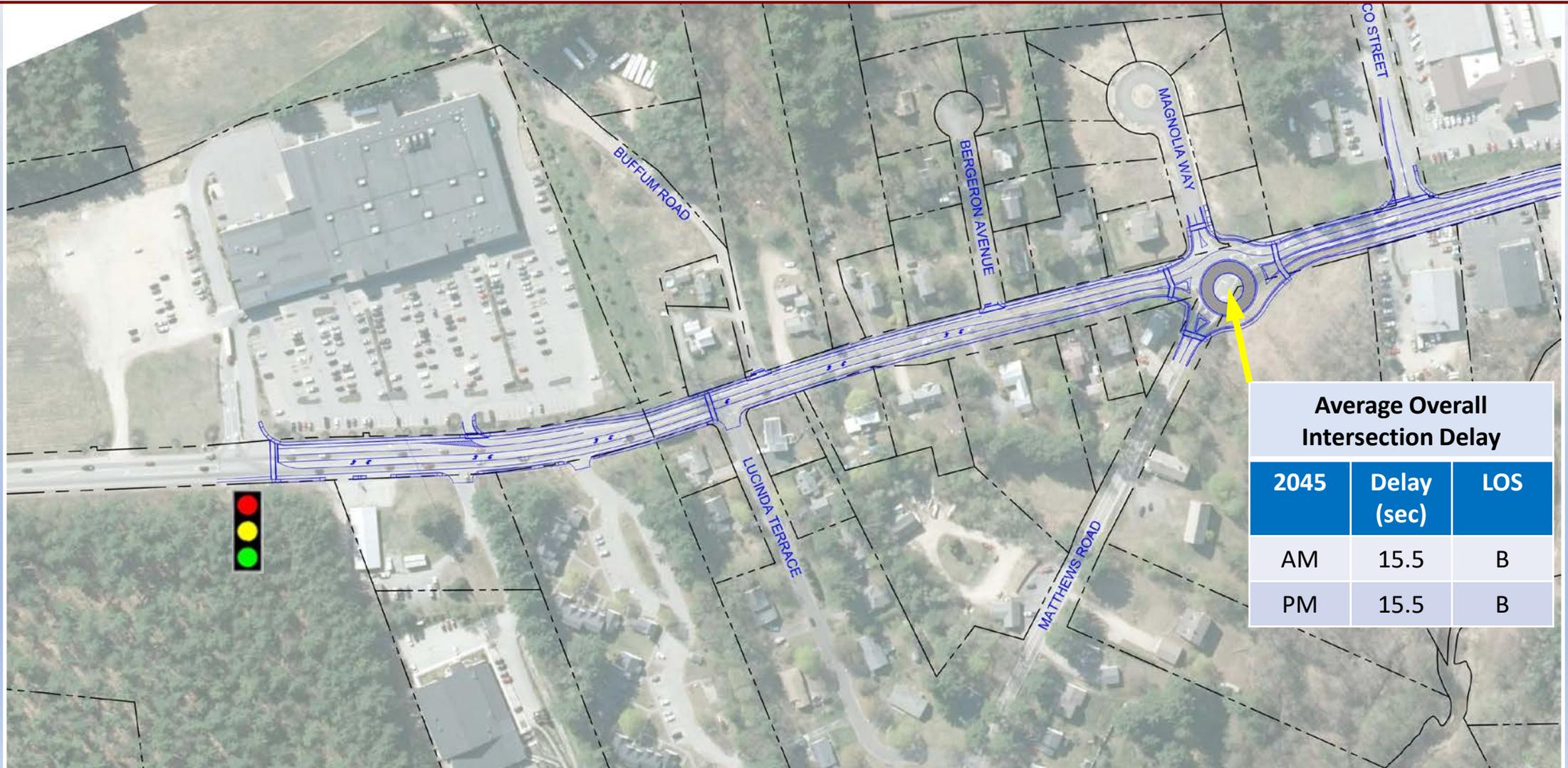
Proposed 3-Lane Section with Center Turn Lane
South of Matthews Road



Lower Winchester Street Reconstruction Project



South – Roundabouts - 3 lane with Center Turn Lane



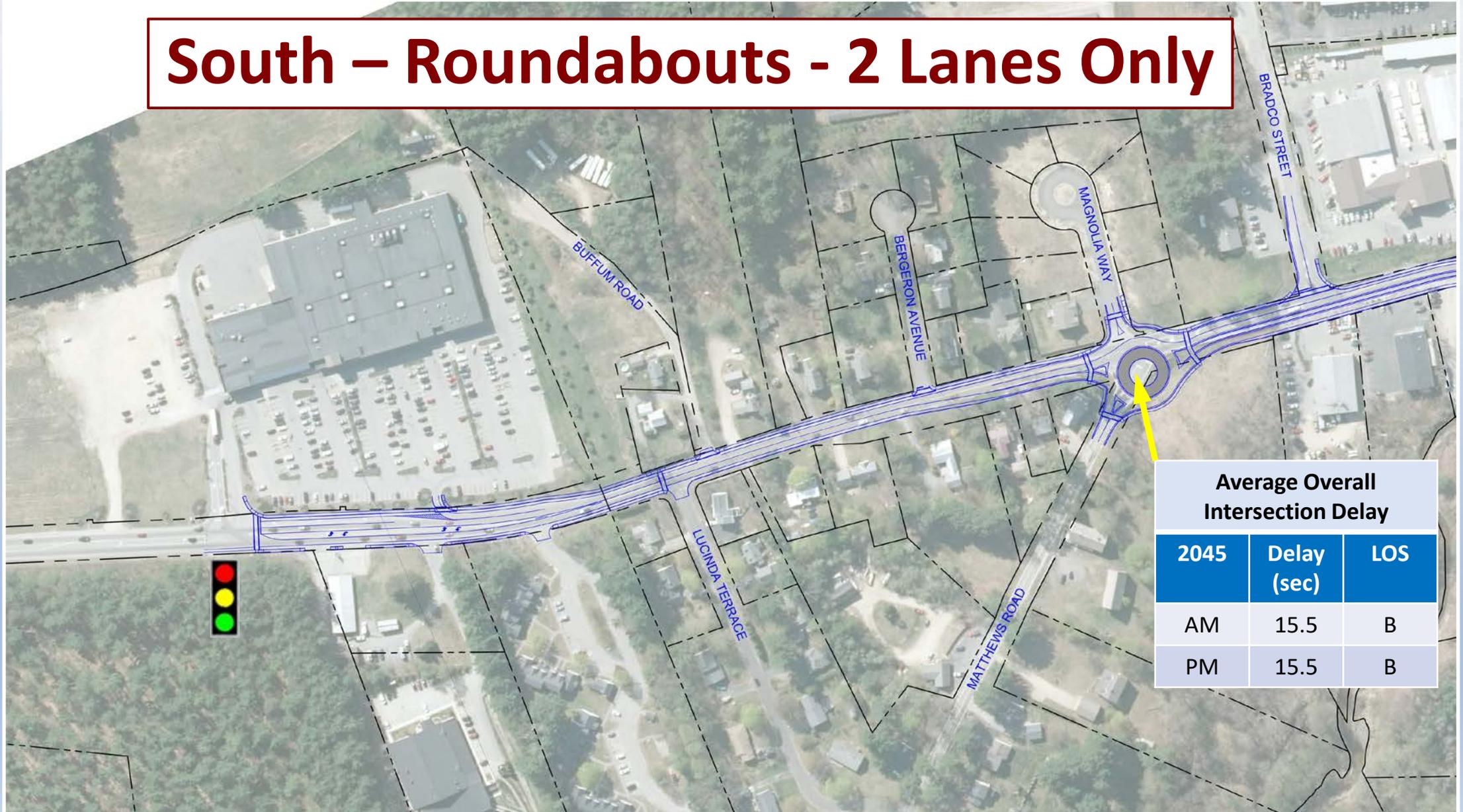
Average Overall Intersection Delay		
2045	Delay (sec)	LOS
AM	15.5	B
PM	15.5	B



Lower Winchester Street Reconstruction Project



South – Roundabouts - 2 Lanes Only



Average Overall Intersection Delay		
2045	Delay (sec)	LOS
AM	15.5	B
PM	15.5	B

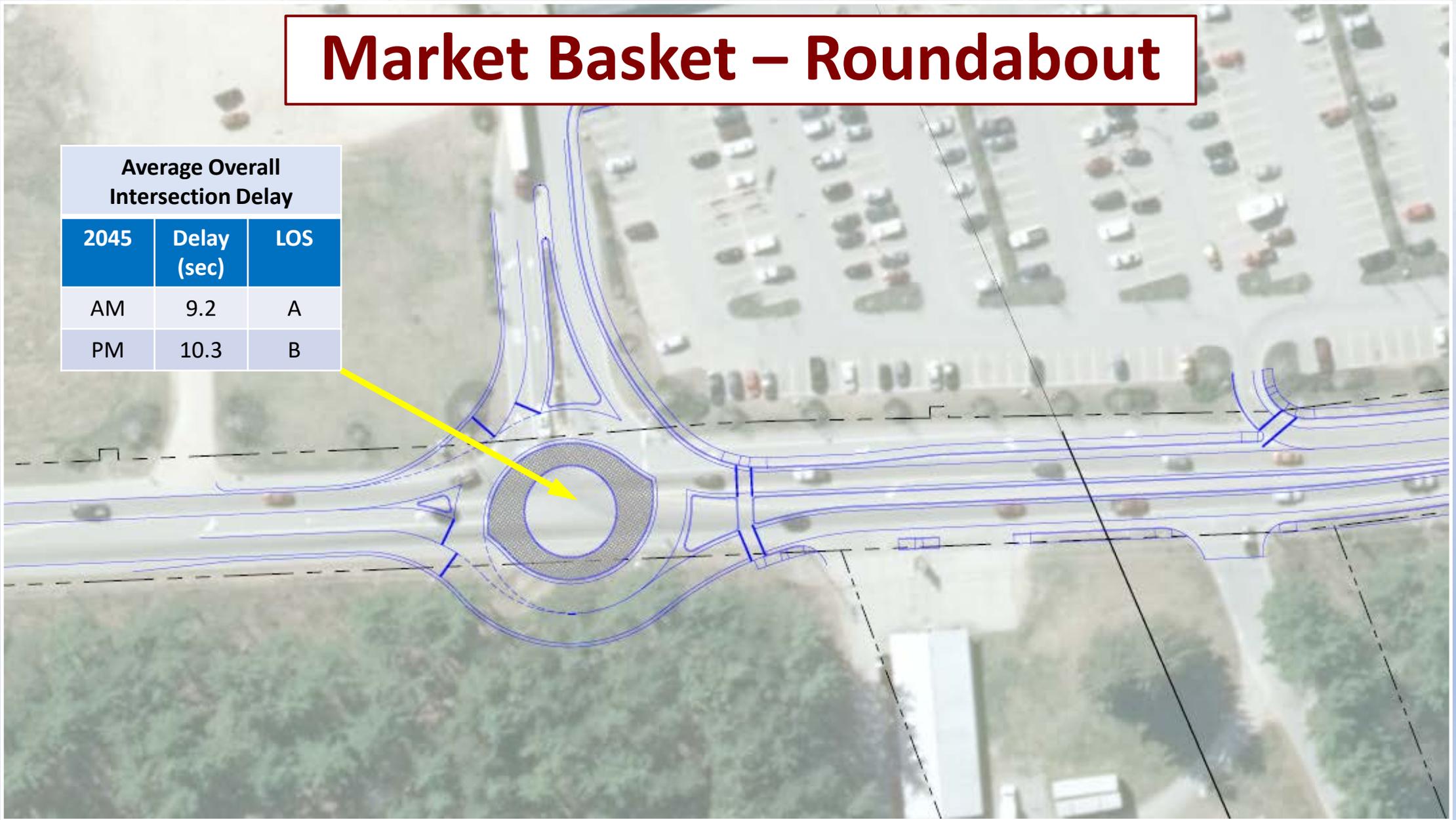


Lower Winchester Street Reconstruction Project



Market Basket – Roundabout

Average Overall Intersection Delay		
2045	Delay (sec)	LOS
AM	9.2	A
PM	10.3	B





Lower Winchester Street Reconstruction Project



South End Survey

- Conducted May 2023
- 24 Responses



The City of Keene and Town of Swanzy are making plans to improve the southern end of Winchester Street & northern end of West Swanzy Road. A project Steering Committee has been appointed to help guide and provide recommendations to the design team. At their meeting on 4/25/2023, the Steering Committee decided to solicit input from you and your neighbors about how we should improve the section of Winchester Street **between Mathews Road and Market Basket**.

Please take a moment to complete and return this survey in the included stamped envelope. Sidewalks and crosswalks are already planned; these questions relate only to vehicular traffic, specifically between Mathews Road and Market Basket.

1. Where is your driveway located? (Select one)

- Winchester Street
- Bergeron Avenue
- Lucinda Terrace
- Buffum Road
- Winchester Woods

2. How significant of a problem are vehicle speeds along this section of roadway?

No Problem 1 2 3 4 5 Big Problem

3. How significant of a problem are congestion and traffic delays along this section of roadway?

No Problem 1 2 3 4 5 Big Problem

4. How difficult is it to make left turns onto and off of Winchester Street?

Not Difficult At All 1 2 3 4 5 Very Difficult

5. What is the most urgent problem that the project should address?

- Speed
- Congestion/Delays

- Safety
- Other: _____

6. Would you support adding a center turning lane (similar to what exists between Mathews Road and Fairbanks Street), even if it means removing mature trees along the roadway? (Circle one)

Yes No

7. Would you support widening the road, even if it affects your or other's property? (Circle one)

Yes No

8. If there was a safe and convenient location to change directions, would you support restricting left turns between Mathews Road and Lucinda Terrace (for example, installing a raised median)?

Yes No

9. Please share any additional comments you may have on this project:



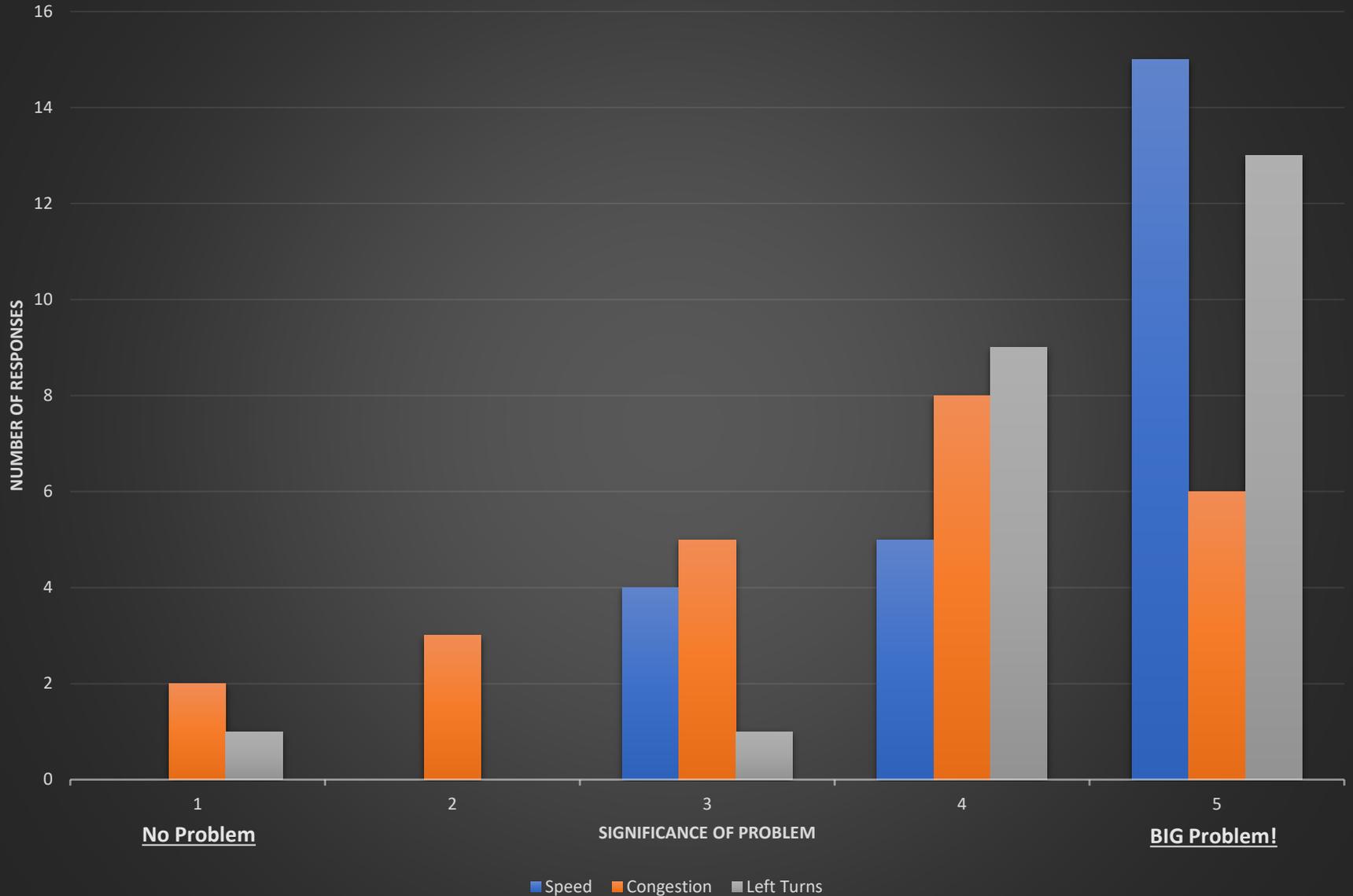


Lower Winchester Street Reconstruction Project



South End Survey Results

Neighborhood Perceptions



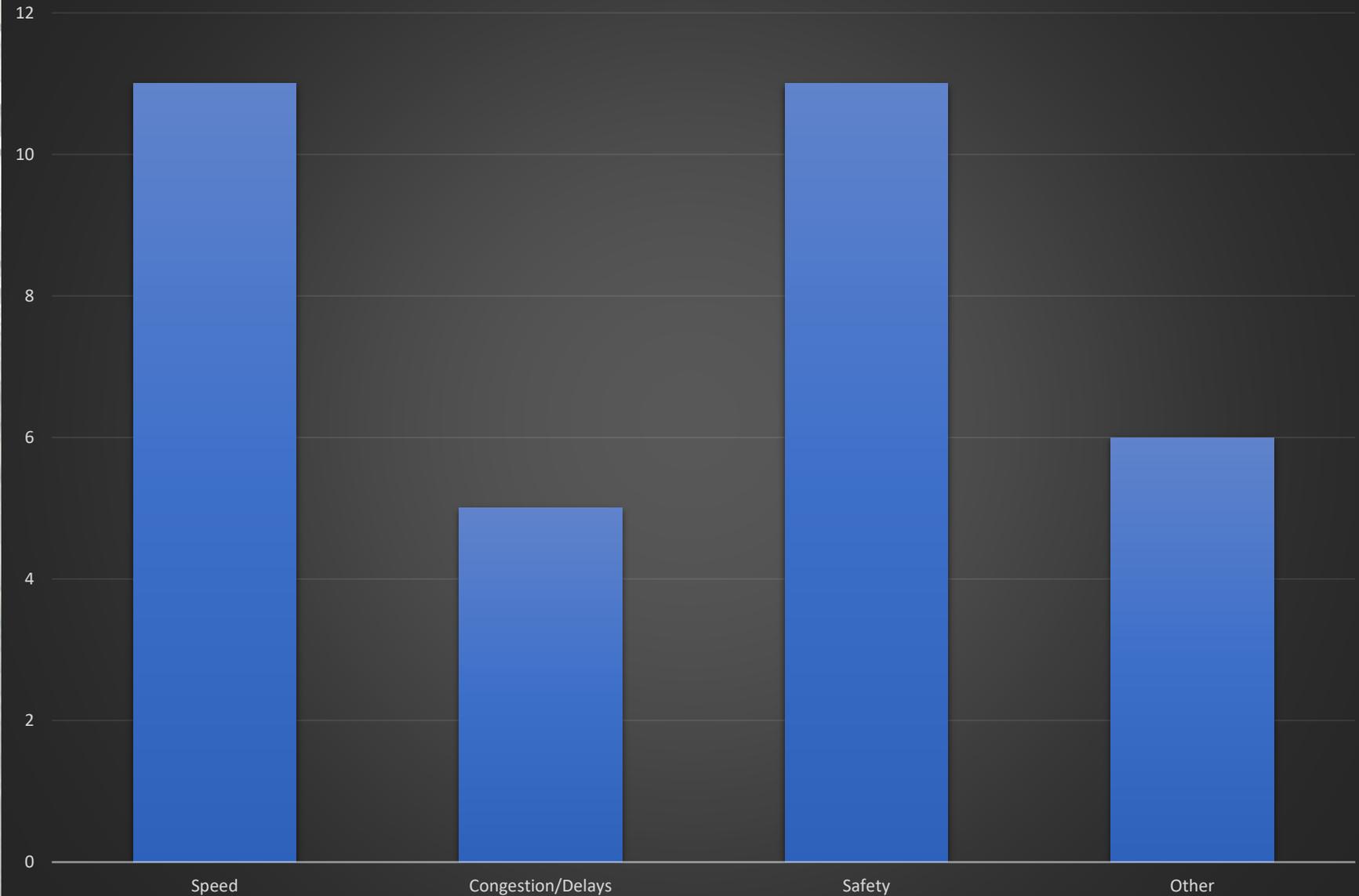


Lower Winchester Street Reconstruction Project



South End Survey Results

What is the Most Urgent Problem

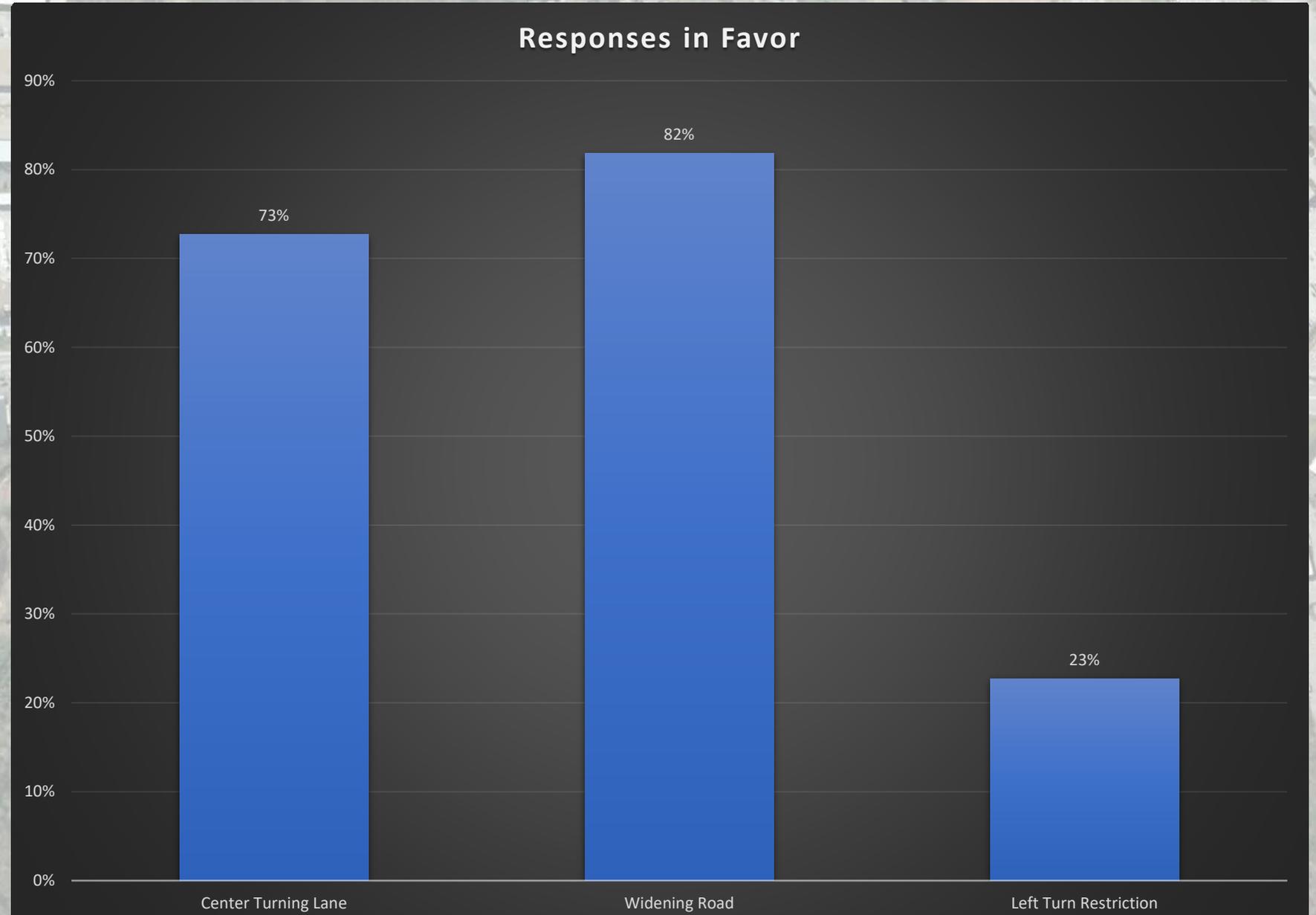




Lower Winchester Street Reconstruction Project



South End Survey Results



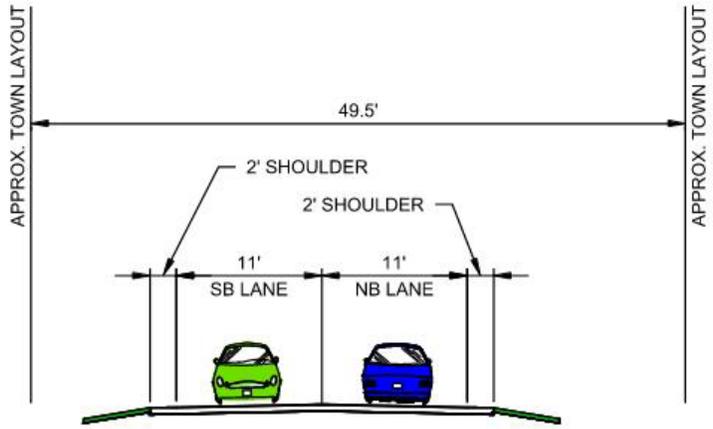


Lower Winchester Street Reconstruction Project

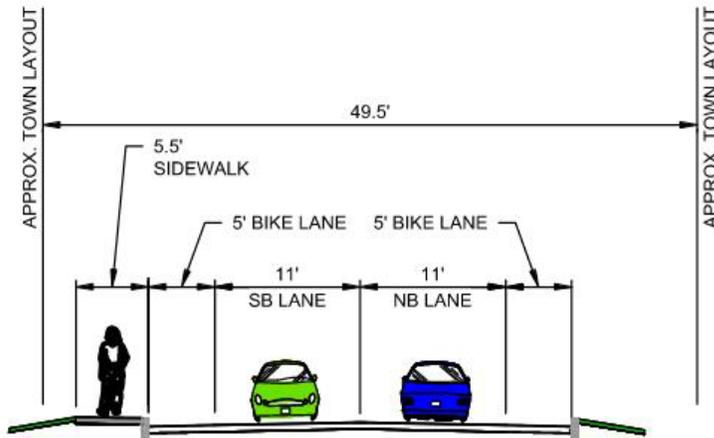


South Segment Corridor Alternatives

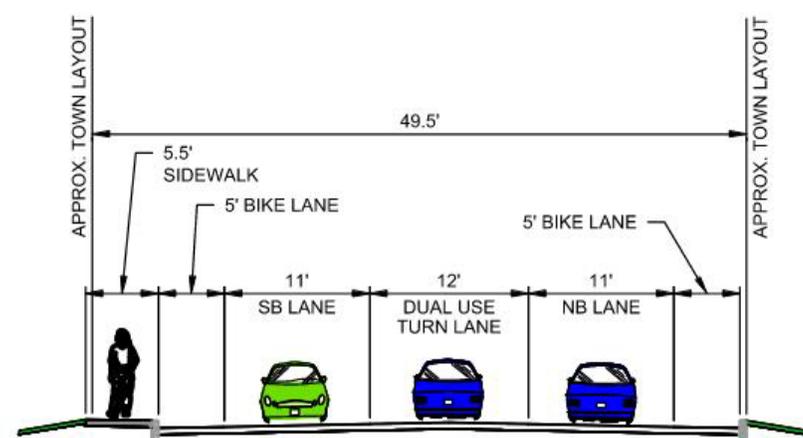
DISCUSSION



Existing 2-Lane Section South of Matthews Road



Proposed 2-Lane Section
South of Matthews Road



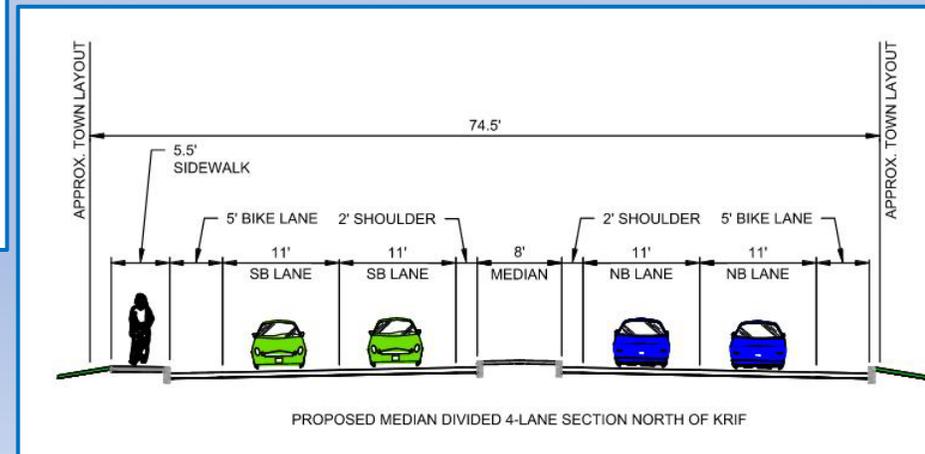
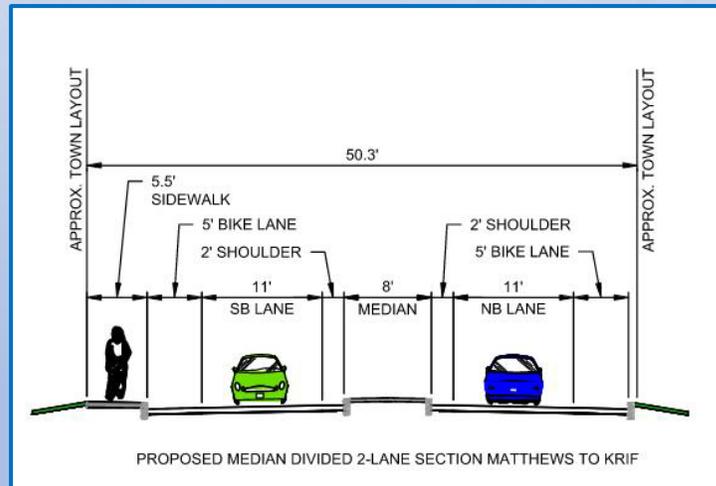
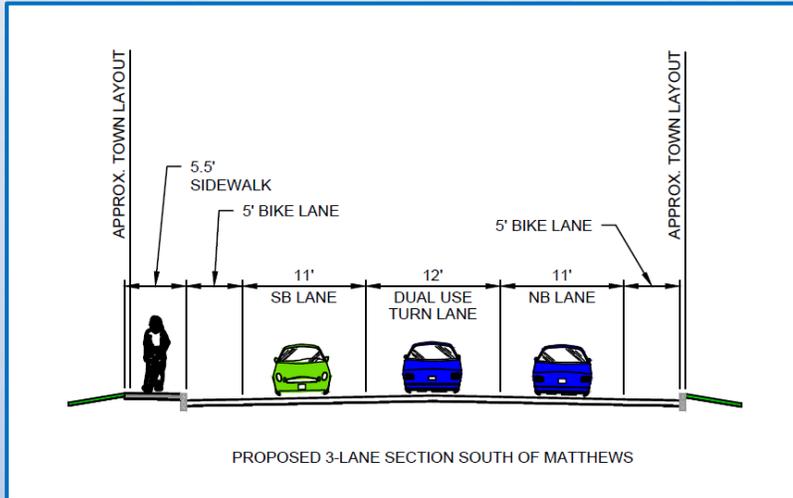
Proposed 3-Lane Section with Center Turn Lane
South of Matthews Road



Lower Winchester Street Reconstruction Project



North – Middle – South Pedestrian Accommodation

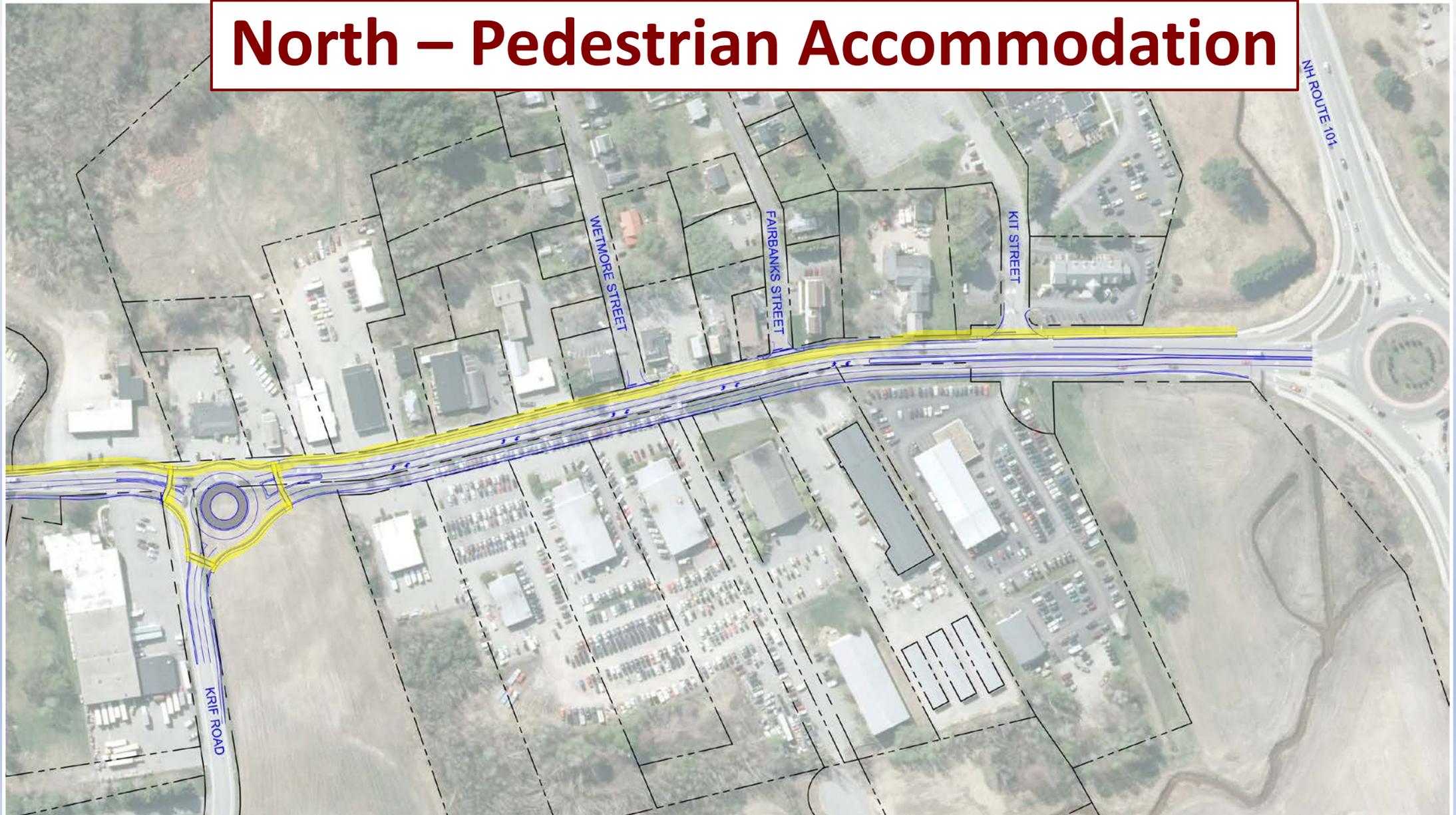




Lower Winchester Street Reconstruction Project



North – Pedestrian Accommodation

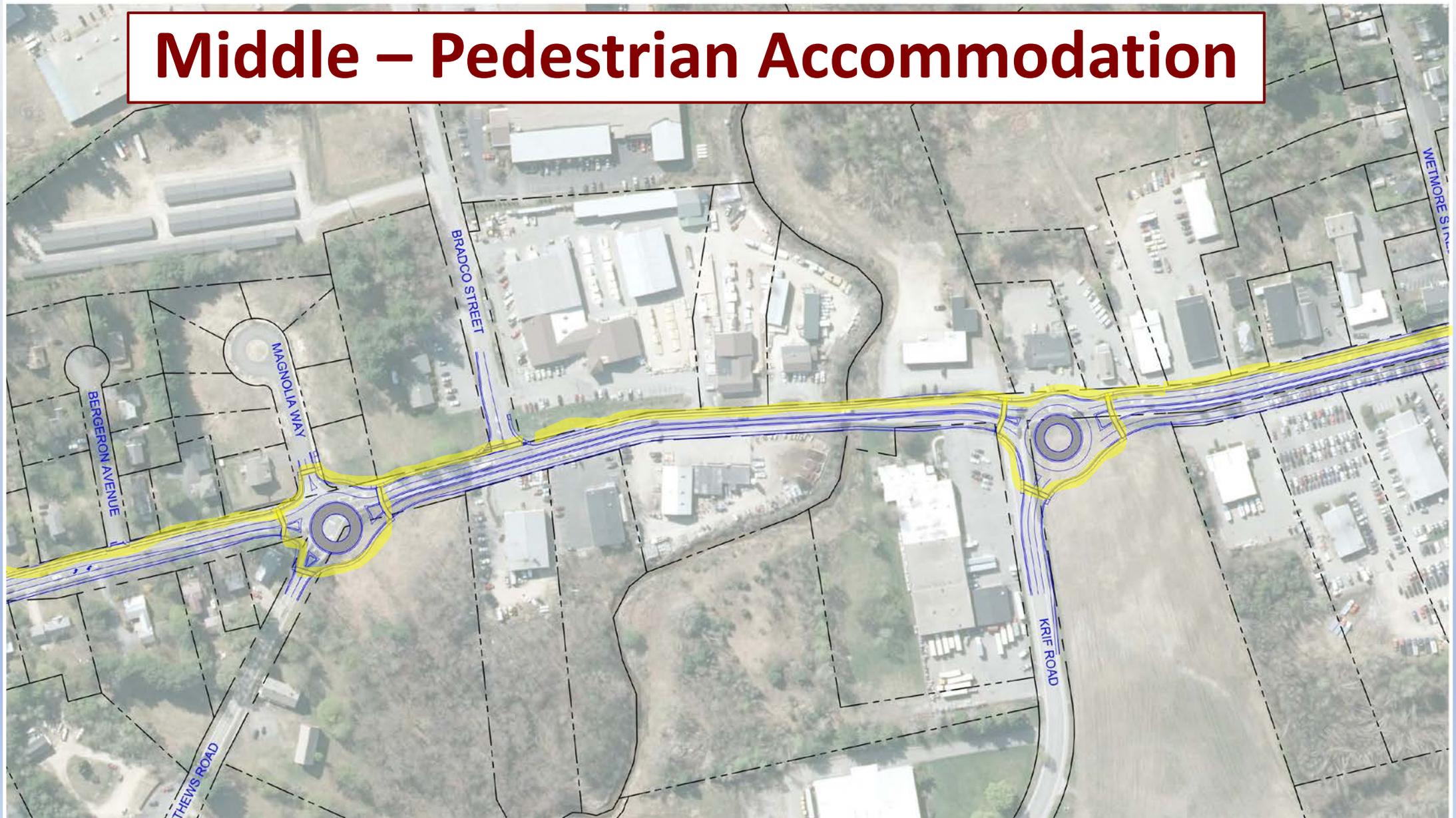




Lower Winchester Street Reconstruction Project



Middle – Pedestrian Accommodation

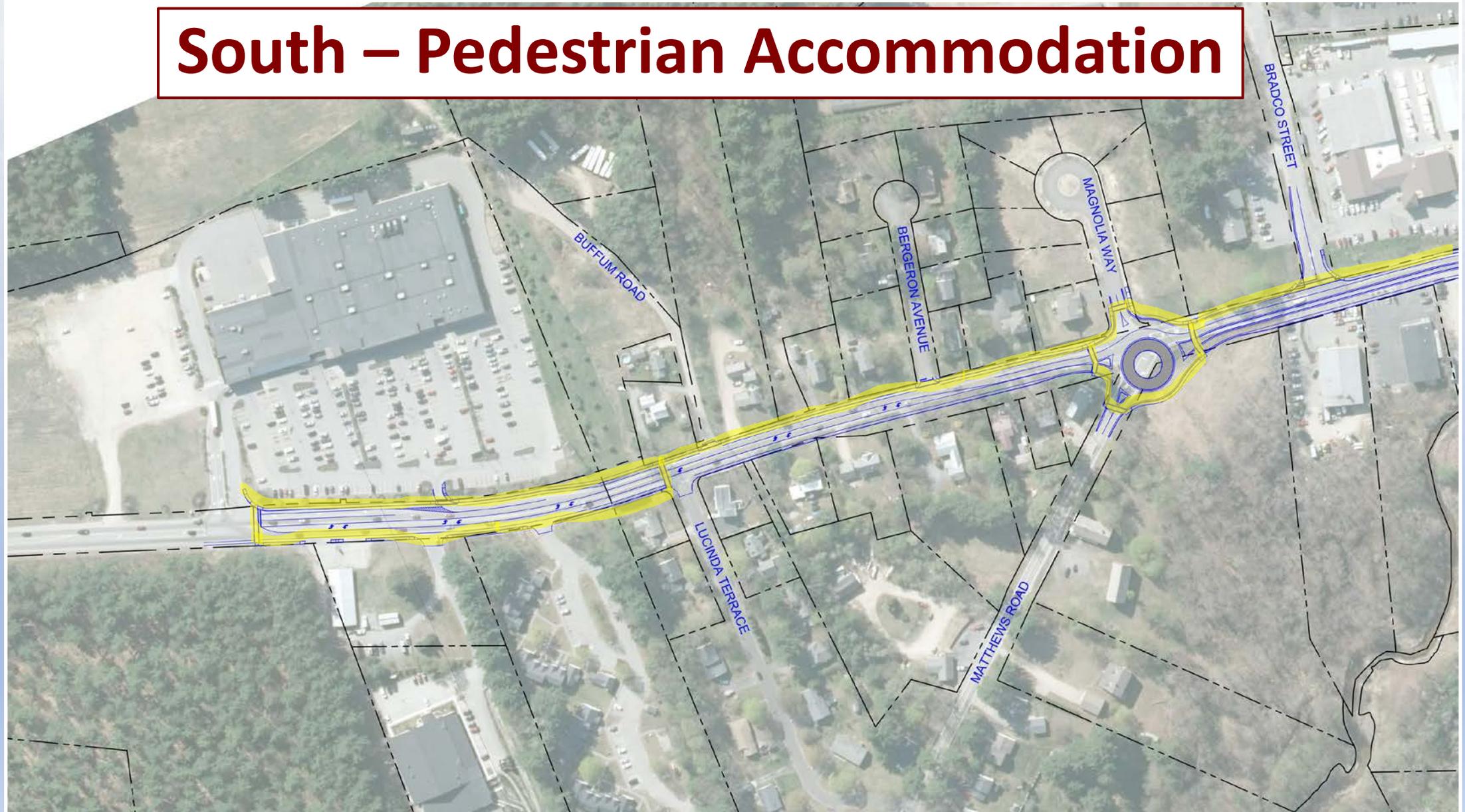




Lower Winchester Street Reconstruction Project



South – Pedestrian Accommodation



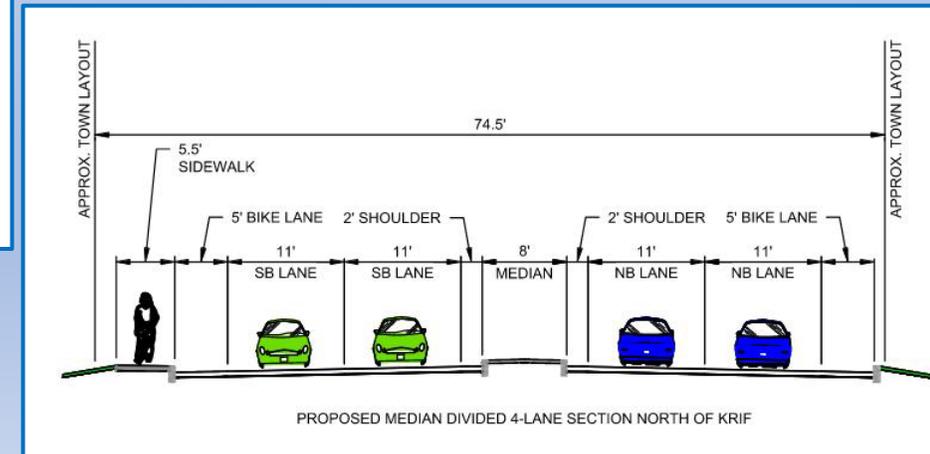
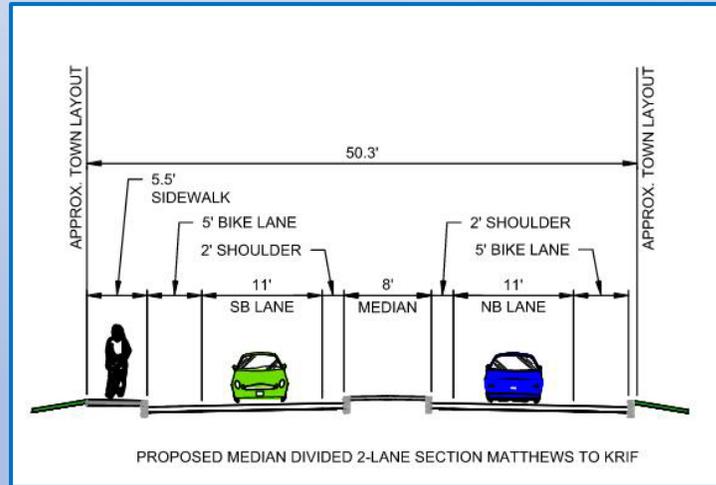
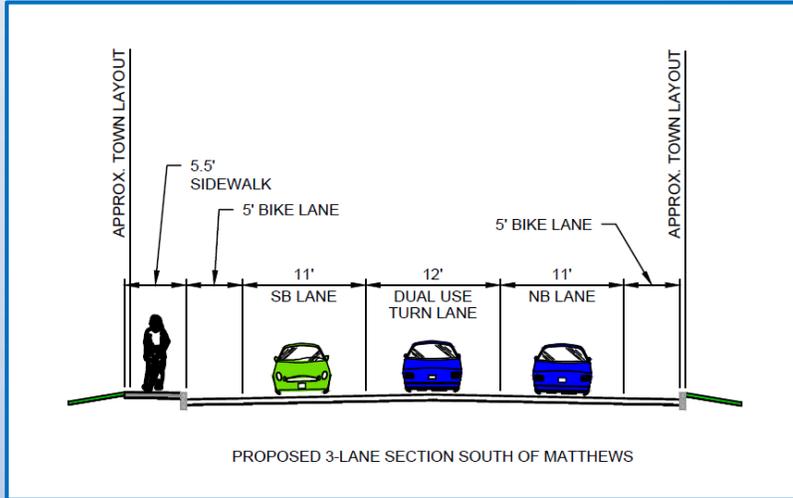


Lower Winchester Street Reconstruction Project



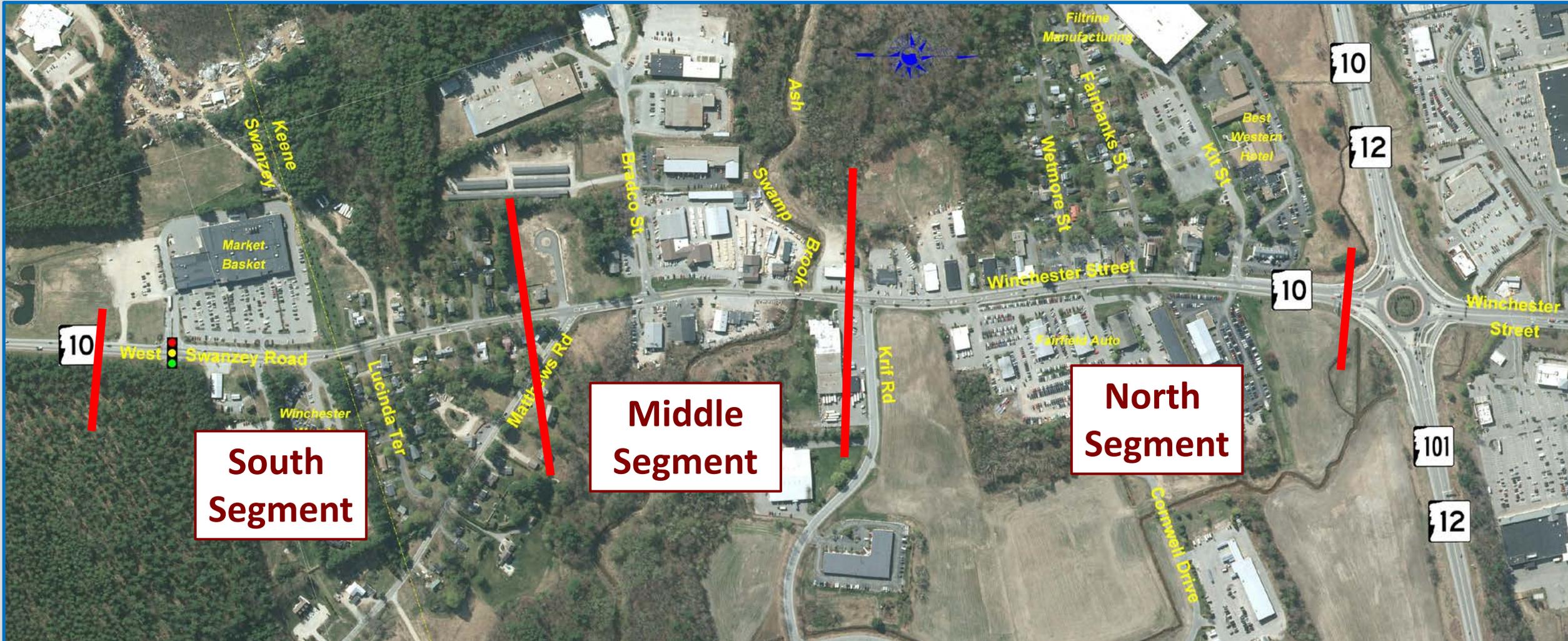
North – Middle – South Pedestrian Accommodation

DISCUSSION





Selection of a Preferred Alternative





Lower Winchester Street Reconstruction Project



Phase 1 Schedule

October 2022	Public Listening Sessions
Winter 2022/2023	Alternatives Development
February 2023	Steering Committee Working Meeting
April 2023	Steering Committee Alternatives Review
July 2023	Steering Committee Selection of Preferred Alternative
August 17, 2023	City Council Presentation
August 23, 2023	MSFI Committee/Public Informational Meeting
September 7, 2023	City Council Meeting
September 2023	Prepare Engineering Study Report



Lower Winchester Street Reconstruction Project



QUESTIONS?