



Wakefield Public Works

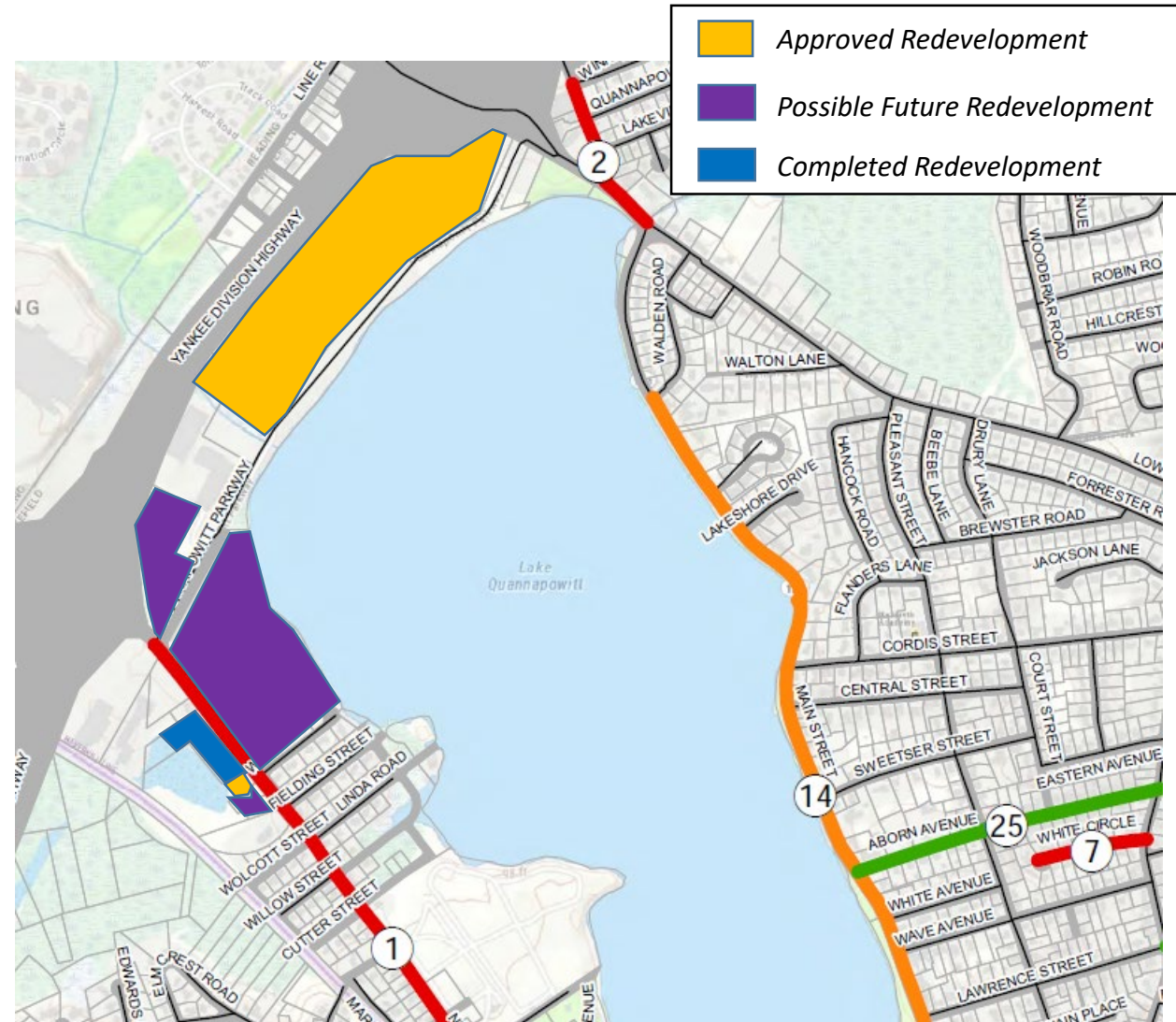
William Renault, Jr., P.E.
Town Engineer

Town Council – North Avenue Design Update

December 12, 2022

Background

- **Increased Redevelopment :**
 - *Completed:*
 - #598 North Ave.
 - #600 North Ave.
 - *Approved:*
 - #200 Quann Pkwy
 - *Possible Future:*
 - #572-596 North Ave 40B (Currently in permitting)
 - Lakeside Park/Lakeside Inn
 - #50 Quann Pkwy
 - #570 North Ave (K of C)
- **Water Infrastructure:**
 - Townwide Water Model and Capital Planning Study
 - Fire flow capacity needed to support current and future development
- **2021 MassWorks Grant (\$2,000,000)**
 - **\$1,500,000 – North Ave & Lowell/Old Main Water Improvements**
 - **\$500,000 – North Ave Shared Use Path**



Wakefield Redevelopment

Sidewalk Improvements Planned

West Side of Roadway – New Sidewalk

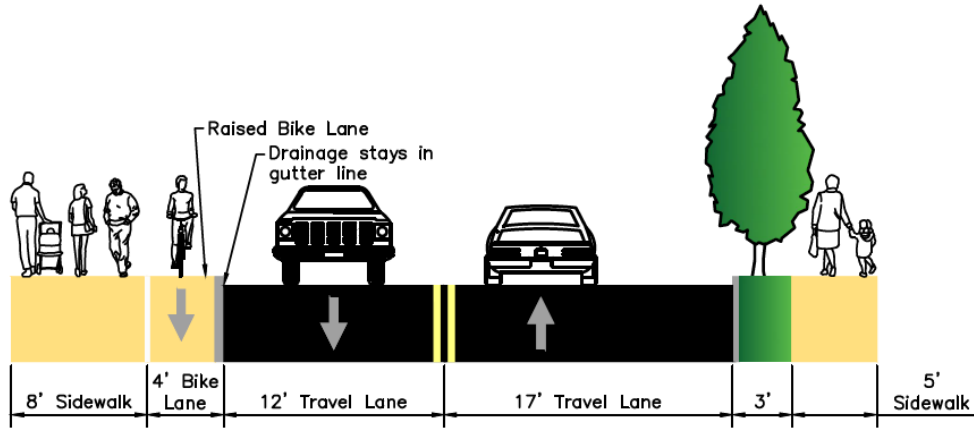
- *Developer Contributions*
 - #596 North Ave (Recommendations)
 - Sidewalk Across Frontage
 - New RRFBs at Willard Rd.
 - #598 North Ave
 - Gift Provided for SW across frontage
 - #600 North Ave
 - Gift Provided for SW across frontage
- *MBTA*
 - Funding infill at bus stops
 - New RRFBs at Winn Street

East Side of Roadway – Shared Use Path

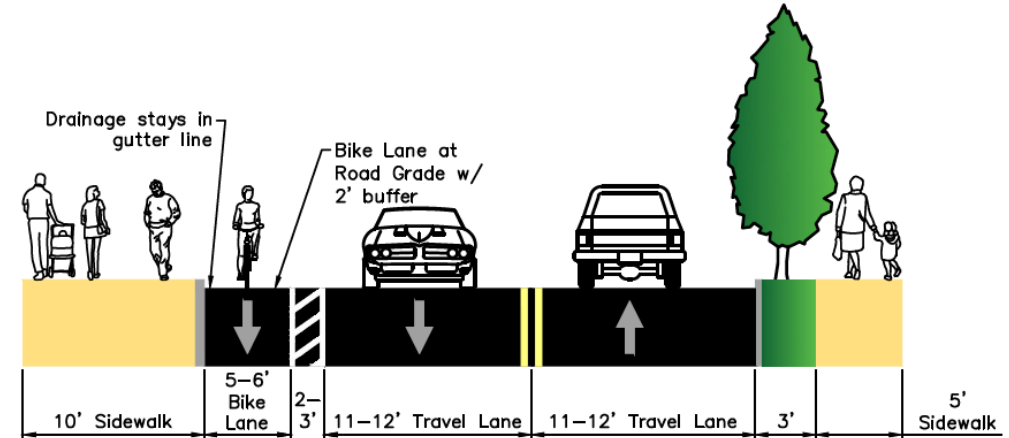
- Existing Sidewalk
- Developer Funded Sidewalk
- Infill Sidewalk
- Shared Use Path & Bike Lane



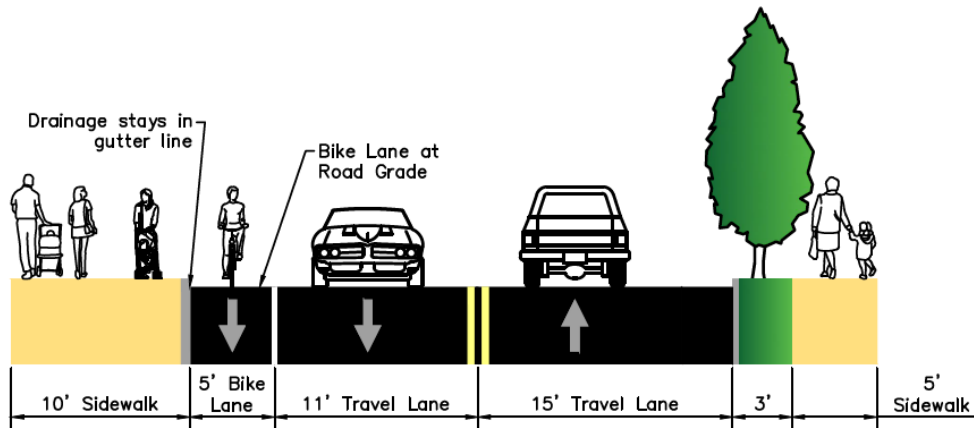
Shared Use Path & Roadway Cross Section Options (Looking South)



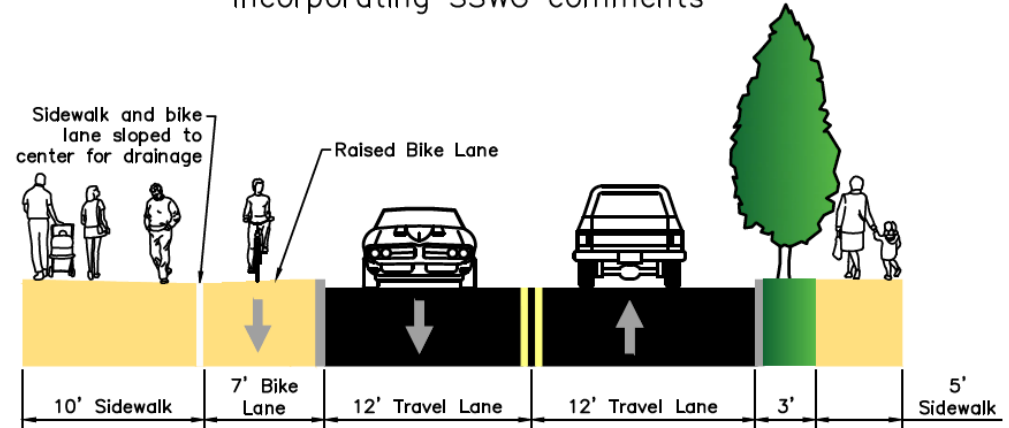
Cross-section #1 - Shared-use-path



Cross-section #3 - Bike Lane w/ buffer at Road Grade
*Incorporating SSWG comments



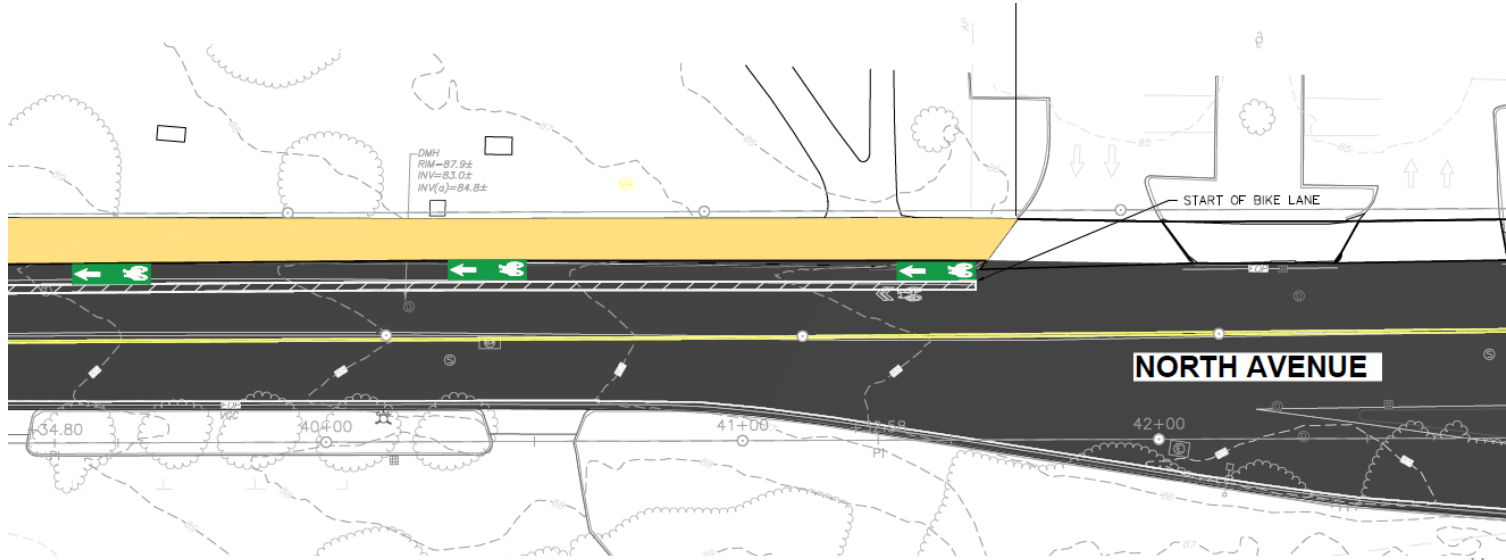
Cross-section #2 - Bike Lane at Road Grade



Cross-section #4 - Raised 7' Bike Lane

Shared Use Path & Sidewalk

Area A – from Vets Field to Winn Street

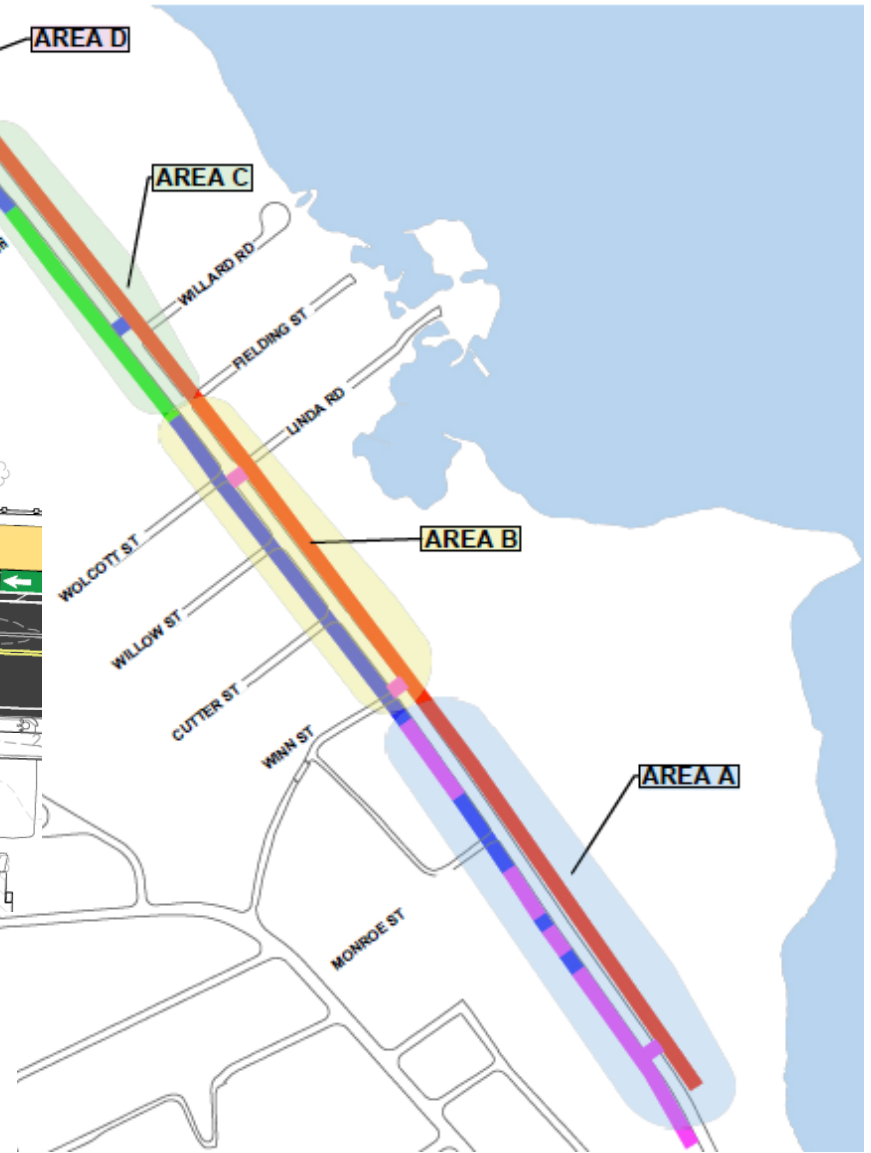
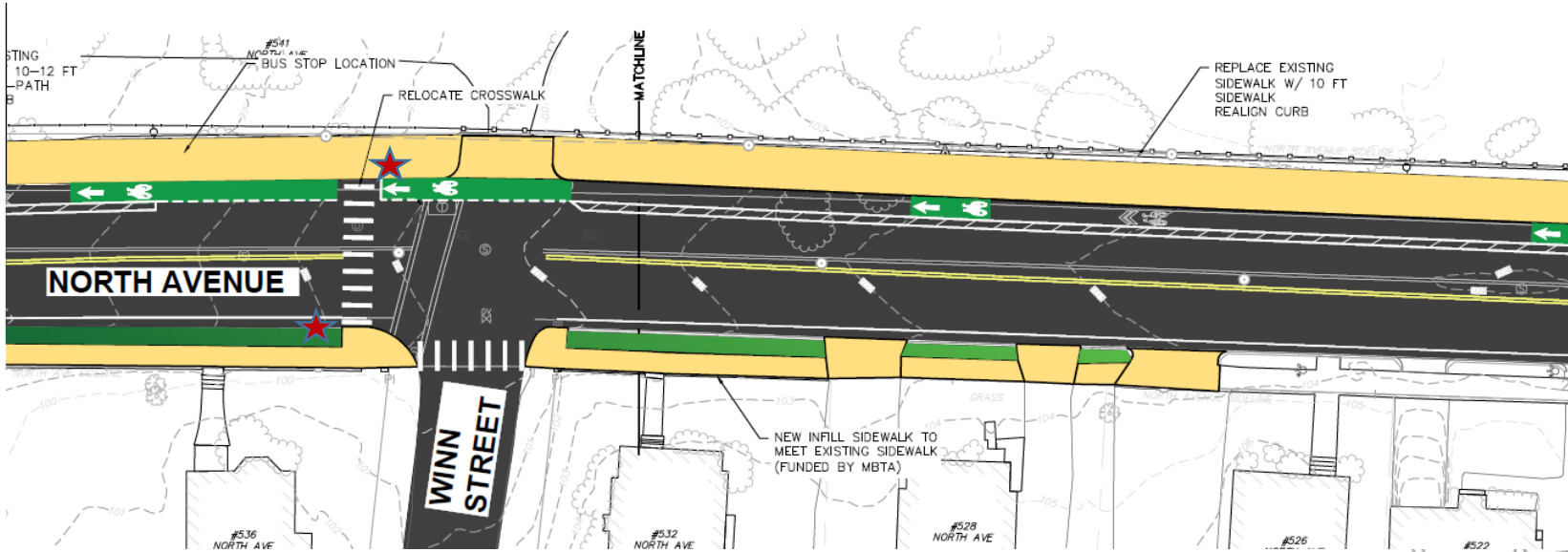


Highlights

- Begin new crosswalk at Vet's Field parking lot
- Vets Field parking lot to Church Street/Prospect intersection will be a future phase

Shared Use Path & Sidewalk

Area B – from Winn Street to Fielding Street

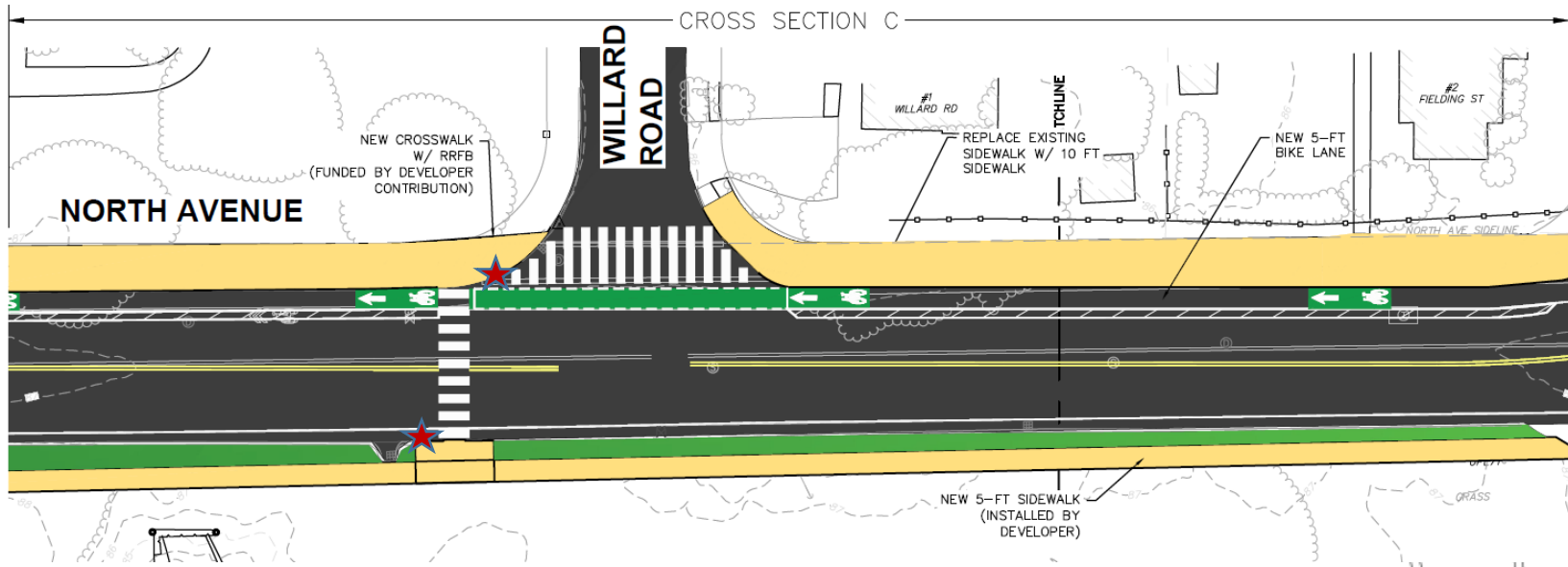


Highlights

- Sidewalk infill
- RRFBs at Winn Street Crosswalk (MBTA?)
- Extended bicycle pavement markings through bus stop and cemetery driveway

Shared Use Path & Sidewalk

Area C – from Fielding Street to #600



Highlights

- Developer funded Sidewalk Extensions
- RRFBs at new Crosswalk Willard Street (Developer?)
- Bicycle pavement markings through intersection



?QUESTIONS?

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RRFB

RECTANGULAR
RAPID
FLASHING
BEACON



750 x 350

