



Cheshire Rail Trail III Loop Project

MSFI Meeting

Presented by: Will Schoefmann - City of Keene Planning
Robert Faulkner, P.E. – CHA
Phil Goff, LEED AP - Alta



Agenda

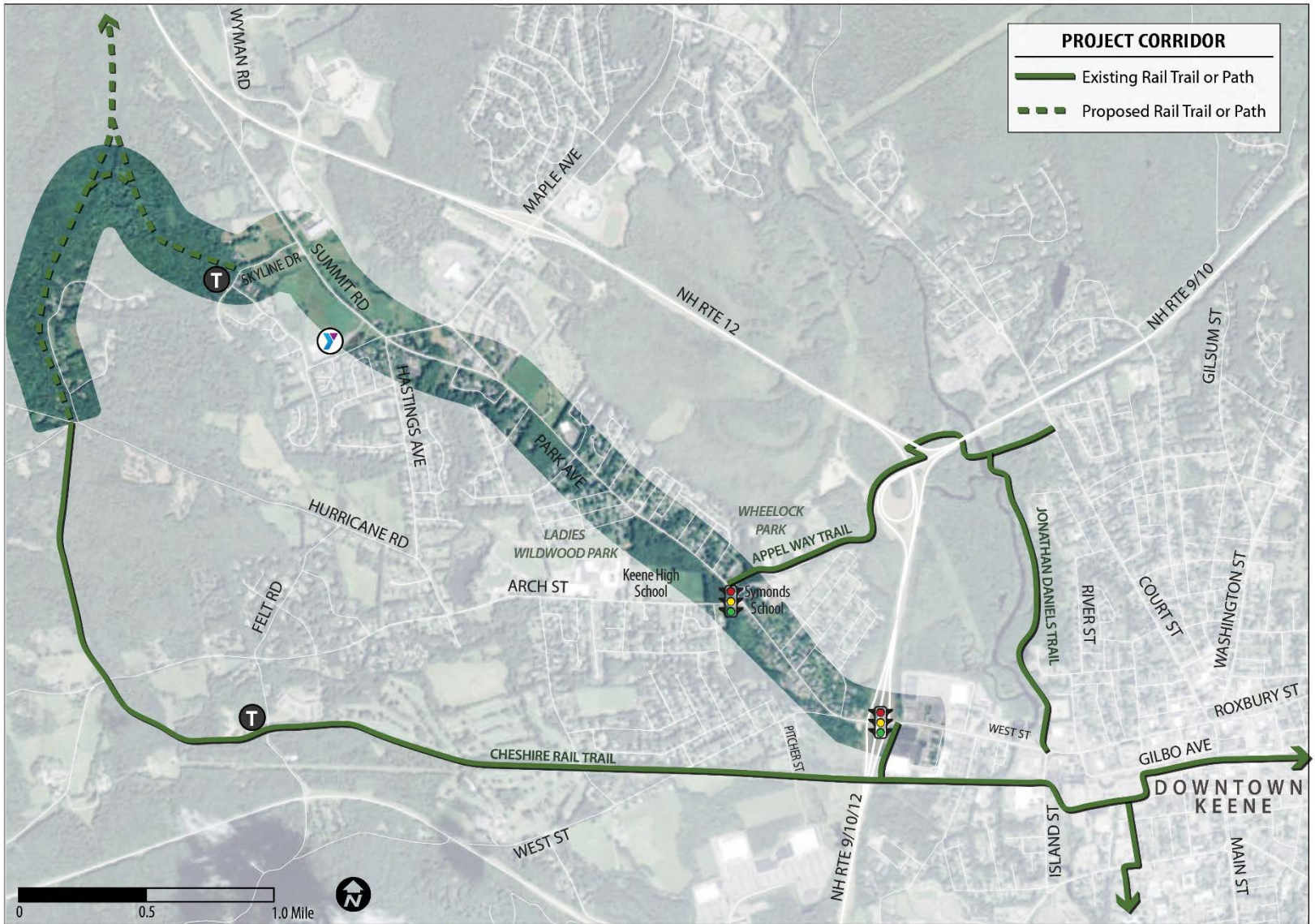
- Scope of Work / Project Overview
- Purpose and Need
- Keene Complete Streets Overview
- Summary of Public Comment
- Review of Concepts
 - Cheshire Rail Trail / Ami Brown Road Improvements
 - Roadway Segments
- Project Schedule
- Questions / Comments



Scope of Work / Project Overview

- Cheshire Rail Trail III Loop Project
 - Planning Study
 - Engineering Study
- Funded through NHDOT's Local Public Agency Program
 - \$411,000 Grant - 80 / 20 split
- Alternative Development
- Public Input
- Environmental Screening
- Preferred Alternative
- Preliminary Engineering
- Permitting / ROW
- Final Design
- Construction





Context Map





KEENE COMPLETE STREETS

DESIGN GUIDELINES ▪ 2015



Benefits of Complete Streets

- Increased safety
- Reduced barriers for seniors and those with disabilities
- Increased economic vitality
- Improve community health
- Reduce air emissions

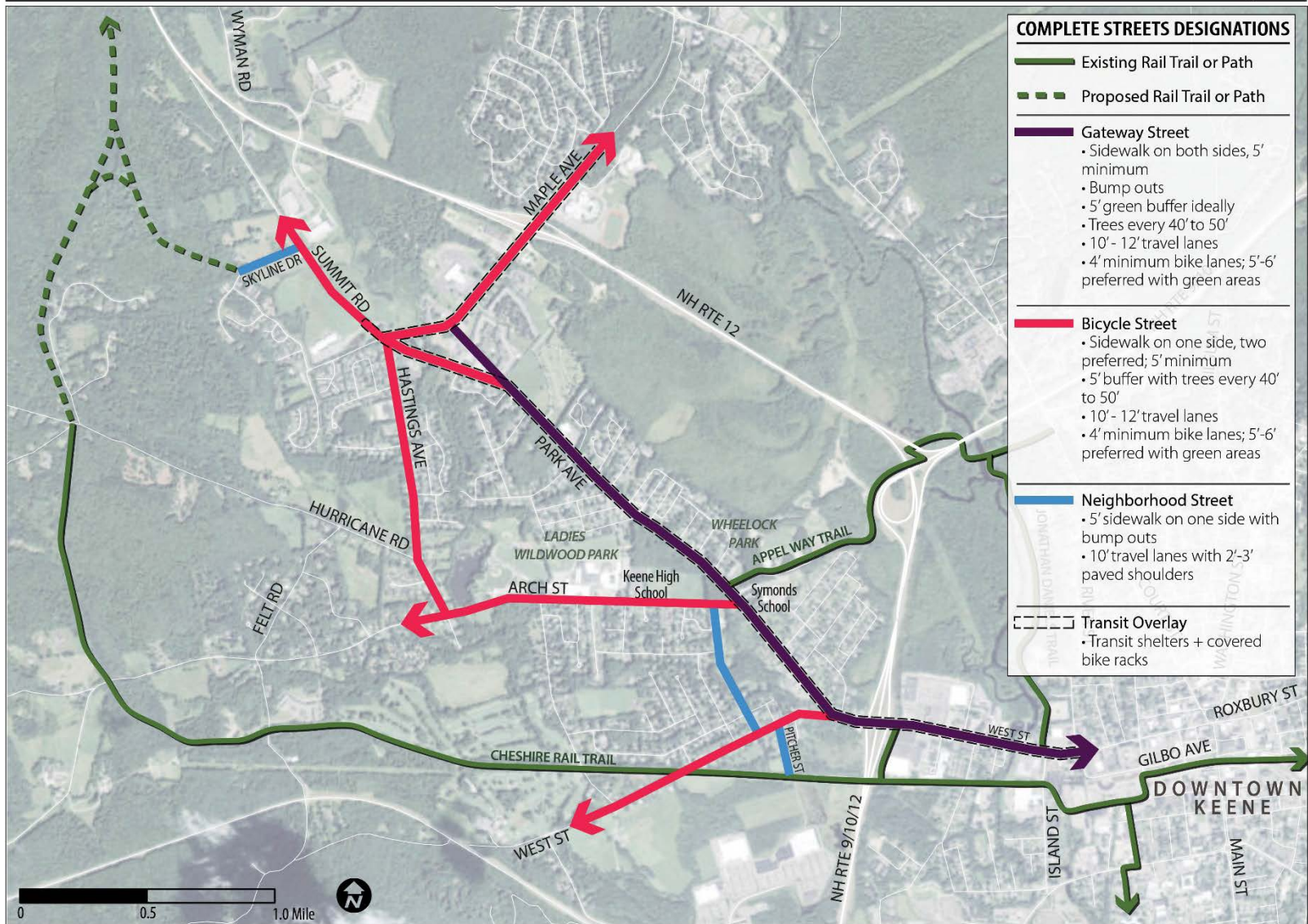
There is no single design prescription for “complete streets.” Ingredients may include side-walks, bike lanes or wide paved shoulders, special bus lanes, comfortable and accessible public-transportation stops, frequent crossing opportunities, median islands, accessible pedestrian signals, curb extensions, and more.

As Keene’s existing roads are repaired or reconstructed, it should be a policy of the city to incorporate these ingredients to the scale and degree appropriate for the location and type of roadway...”

- City of Keene Comprehensive Master plan 2010

Keene Complete Streets





Keene Complete Streets



Summary of Public Comment

- Local Concerns Meeting held Feb. 13, 2017
- 29 responses – wide cross section of users
 - Phone interviews
 - Comment Cards
 - Emails
 - Survey Monkey
- Separated Facility – off-street multi-use path / sidewalk
 - Mixed preference
- Upgrade of Ami Brown Rd. segment
 - Mixed preference
- Safety a priority
- Strong support for project

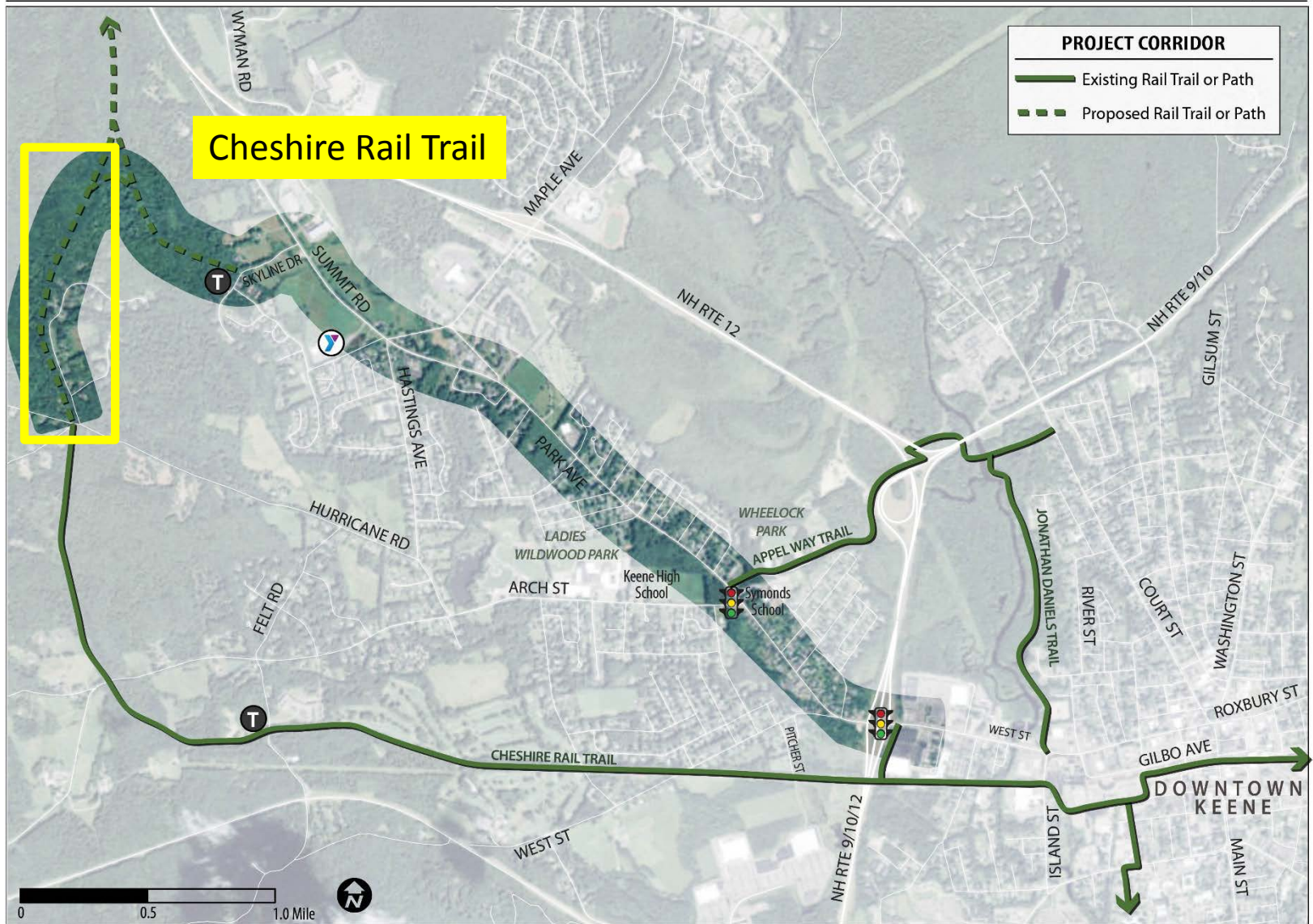


Purpose and Need

“The purpose of the project is to improve bicycle and pedestrian access / usage along the Summit Road, Park Ave, and West Street corridor to surrounding neighborhoods and also provide improved connectivity from Summit Ridge Drive via Ami Brown Road and the existing Cheshire Rail Trail to Hurricane Road.

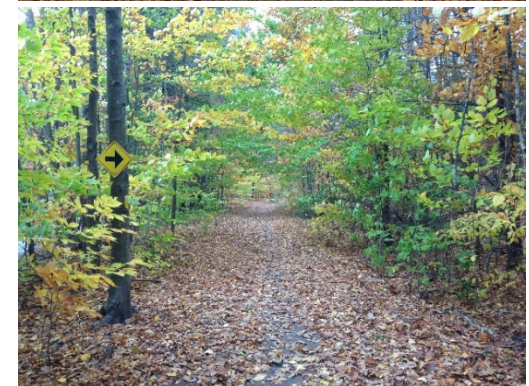
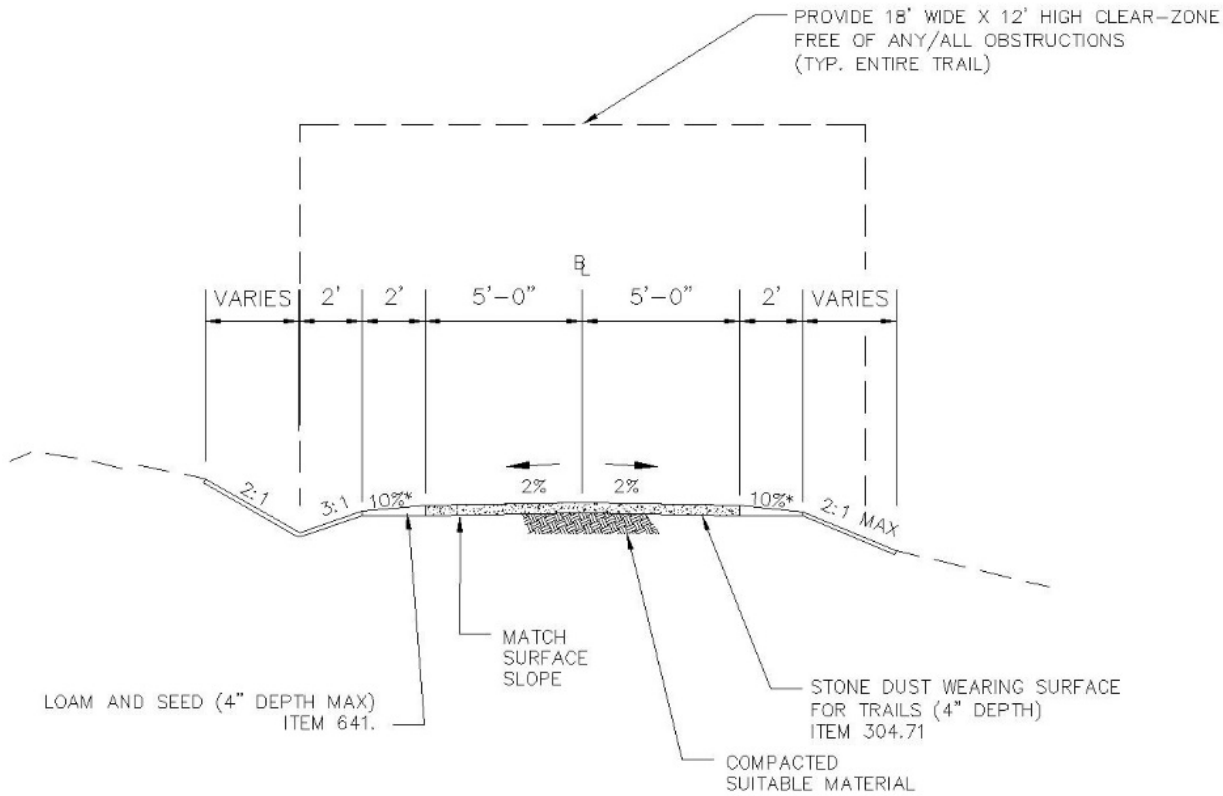
The project is needed to encourage multimodal usage in the West Keene neighborhoods and improve safety for all users through the project corridor which connects to the Downtown Area. This is consistent with the City of Keene’s Complete Street Policies and its commitment to provide a connective alternative transportation system through the City of Keene.”





Context Map

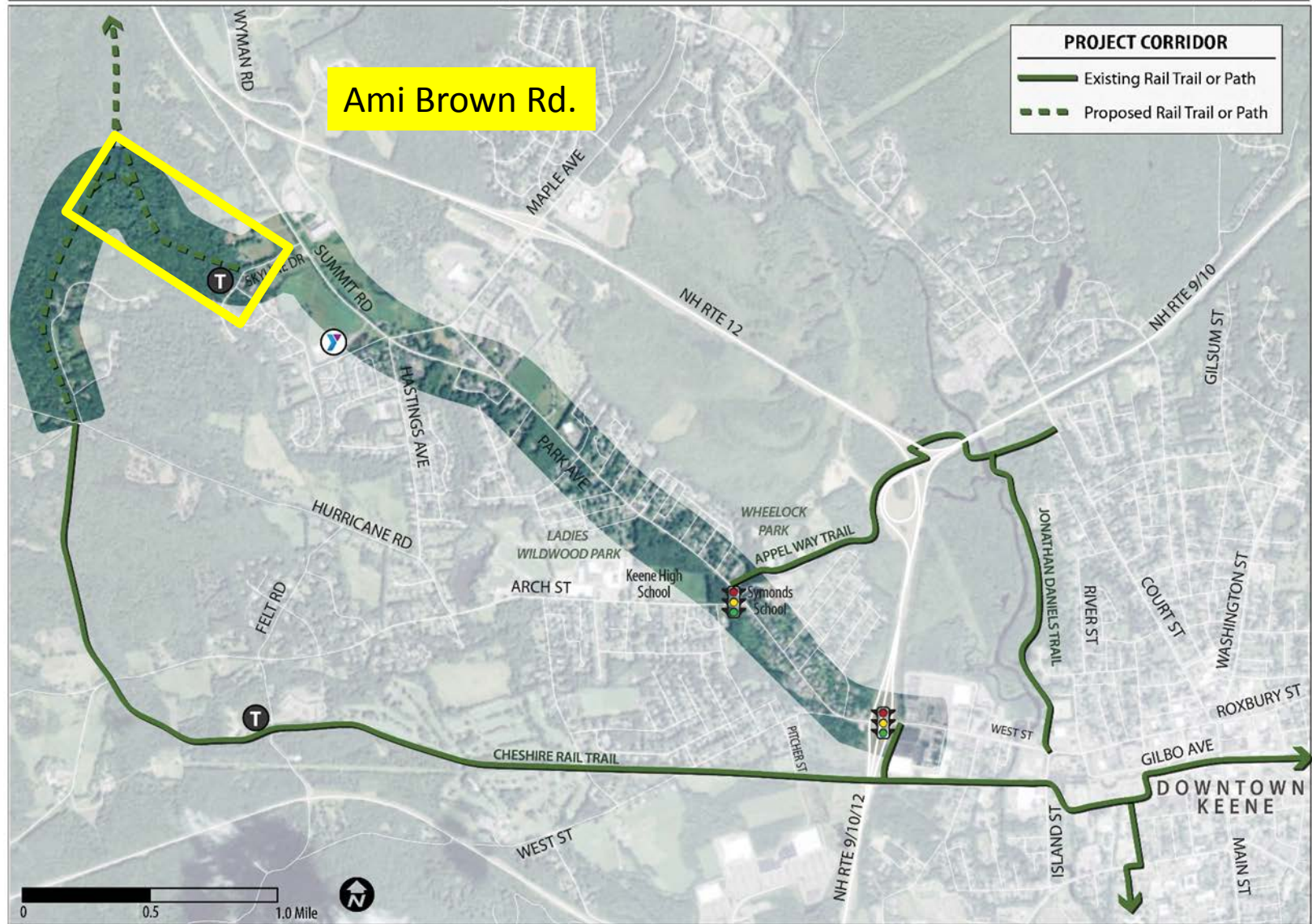




Trail Section with Stone Dust Overlay

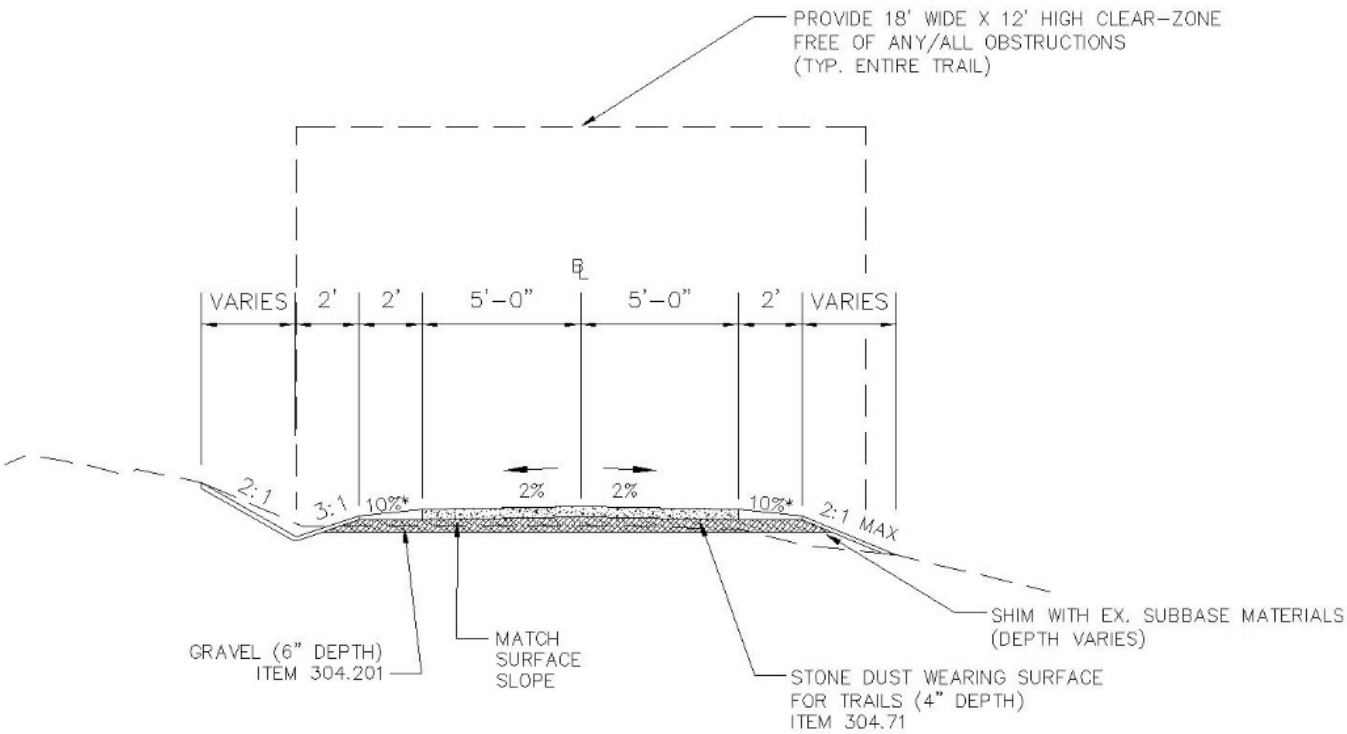
Cheshire Rail Trail Section





Context Map



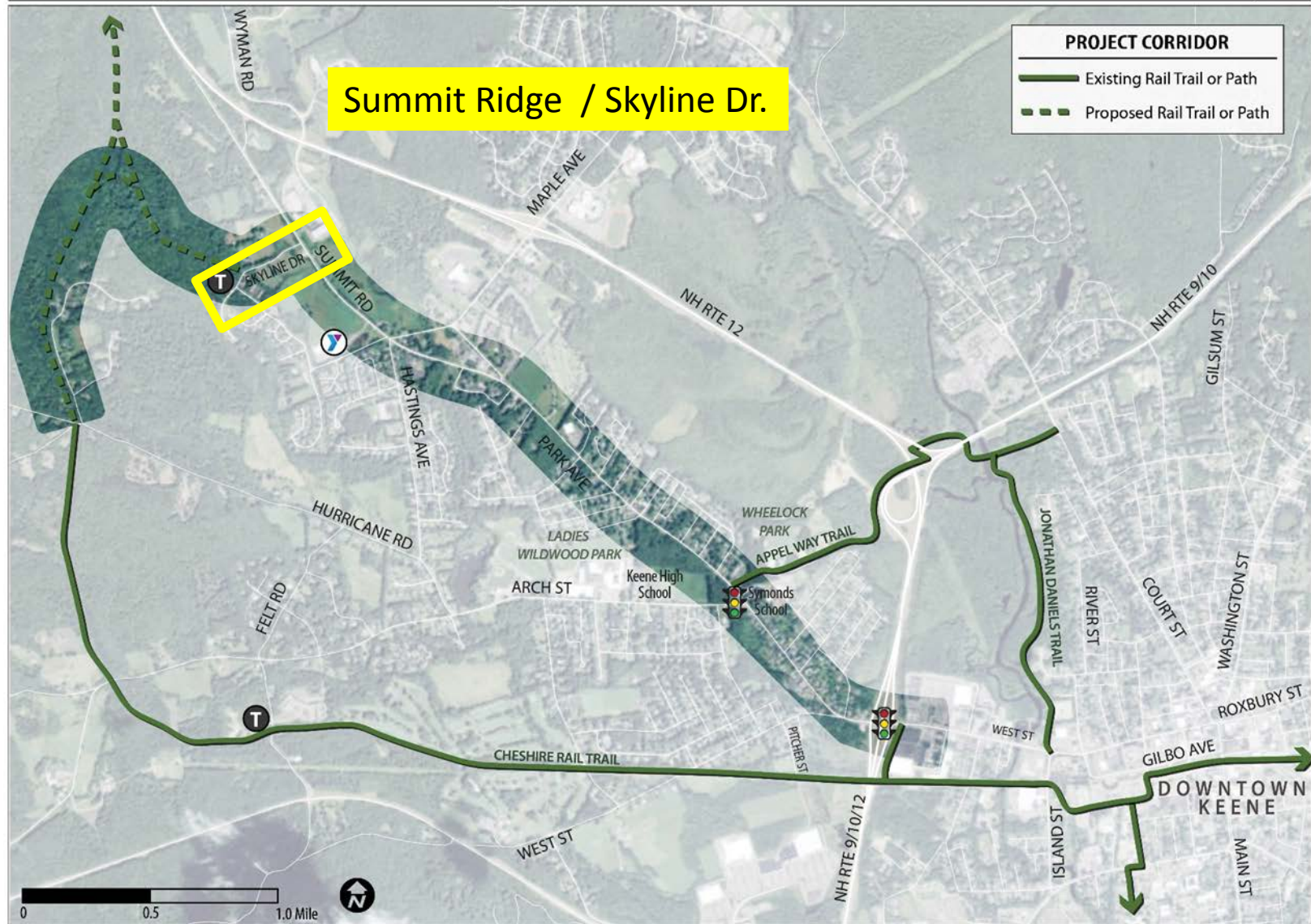


Trail Section with Additional Gravel Layer



Ami Brown Rd. Trail Section

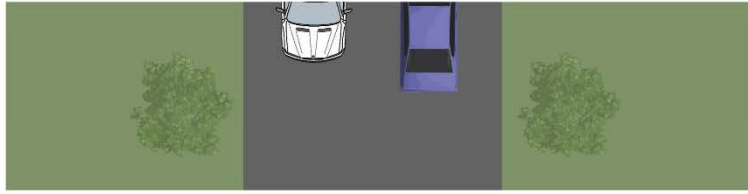
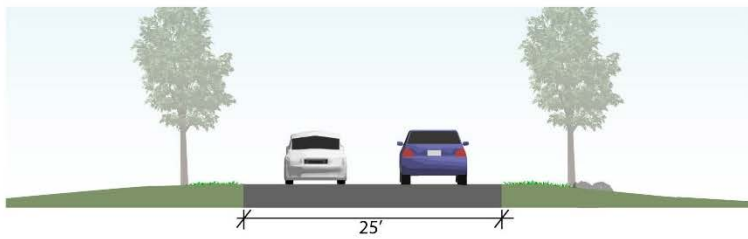




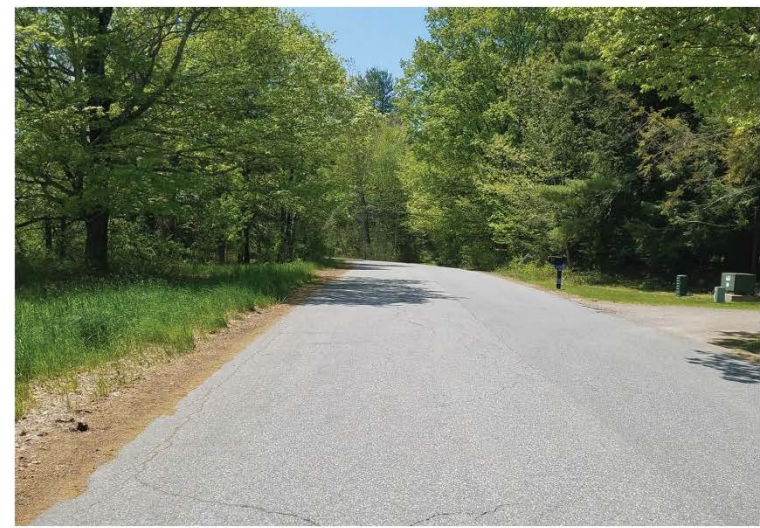
Context Map



Existing Conditions

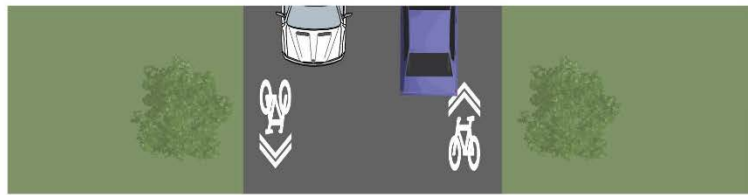
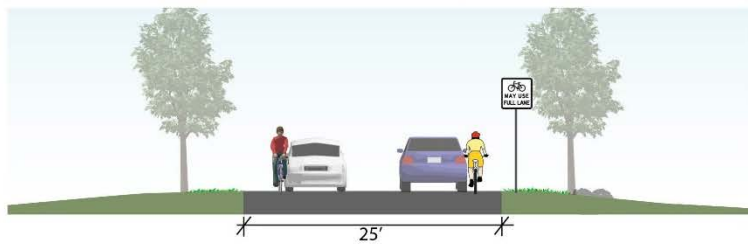


Unmarked Roadway



Summit Ridge view looking northwest

Recommendation: Shared Lane Markings



Shared Lane Markings



Photo simulation

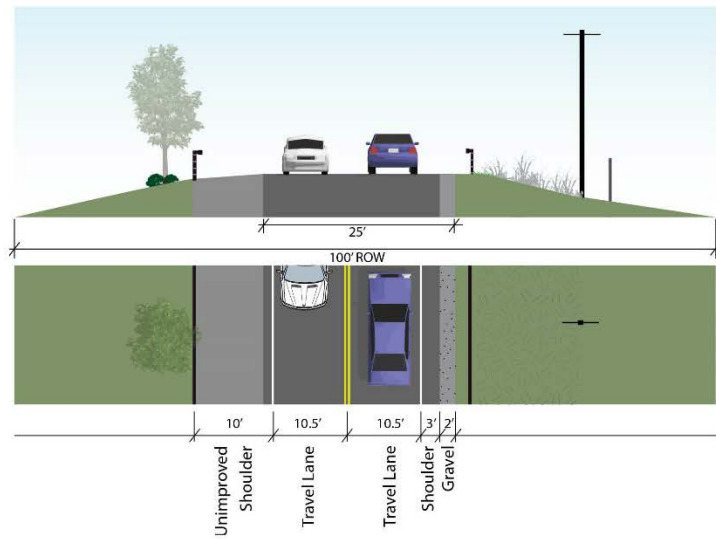
Summit Ridge / Skyline Dr.





Context Map

Existing Conditions



Summit Road view looking northwest

Recommendation: Widen west shoulder

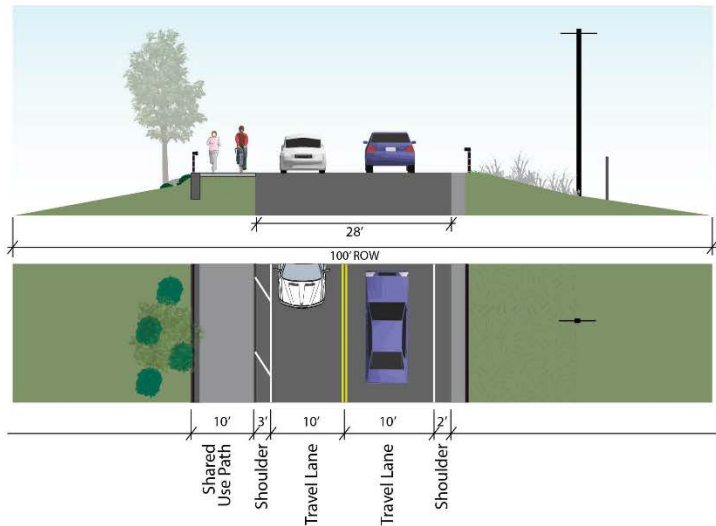
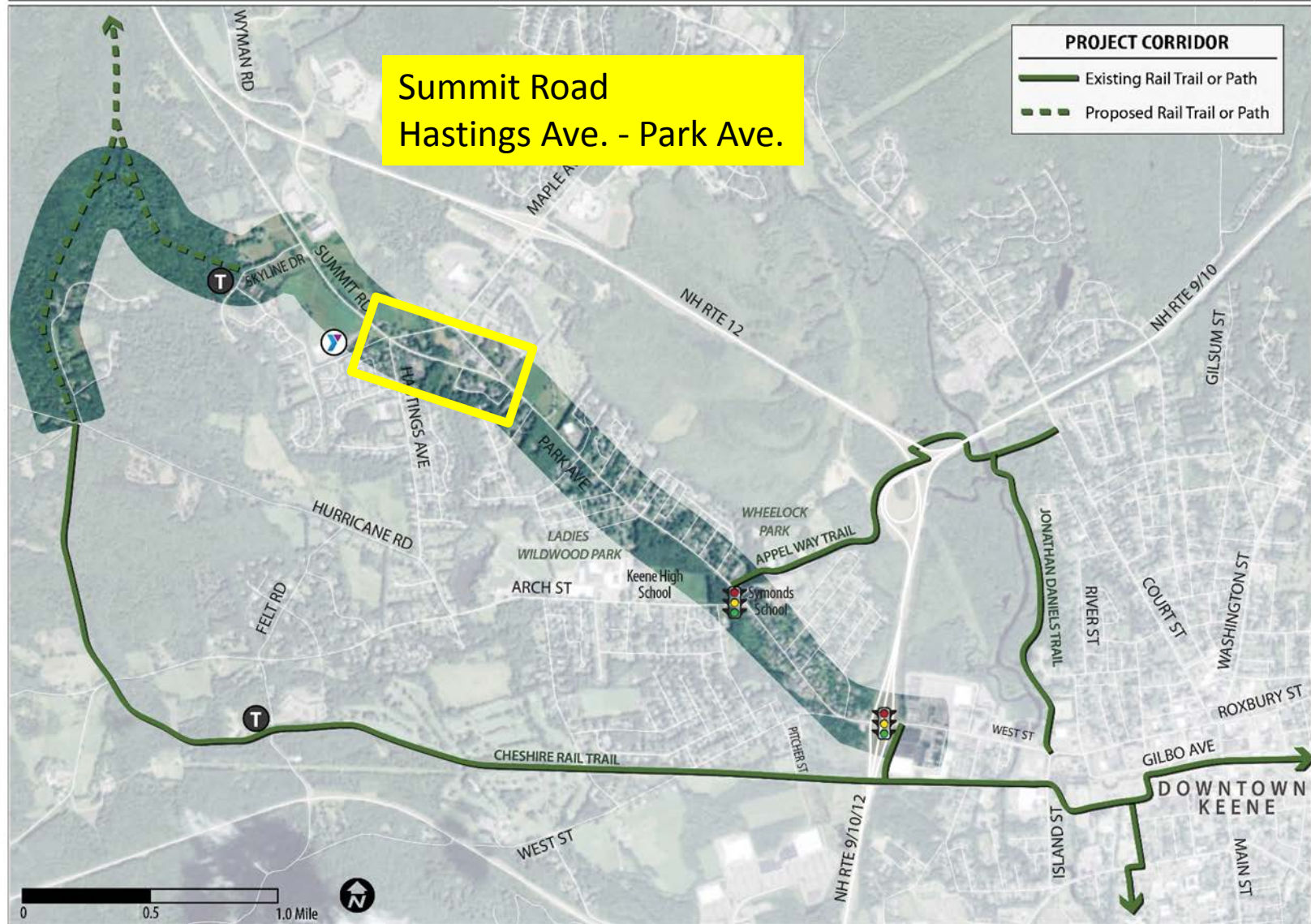


Photo simulation

Summit Rd.: Skyline Dr. – Hastings Ave.

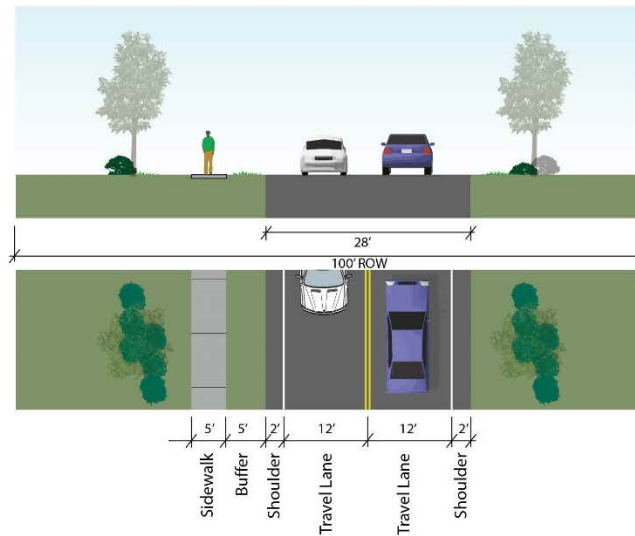




Context Map



Existing Conditions



Summit Road view looking northwest

Recommendation: Bike lanes

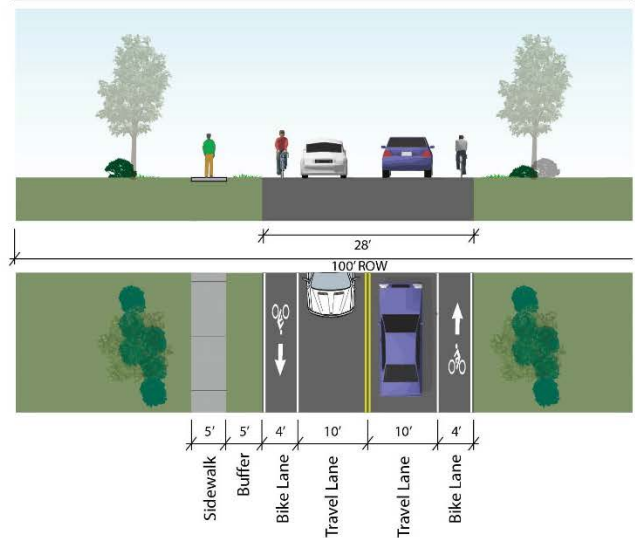
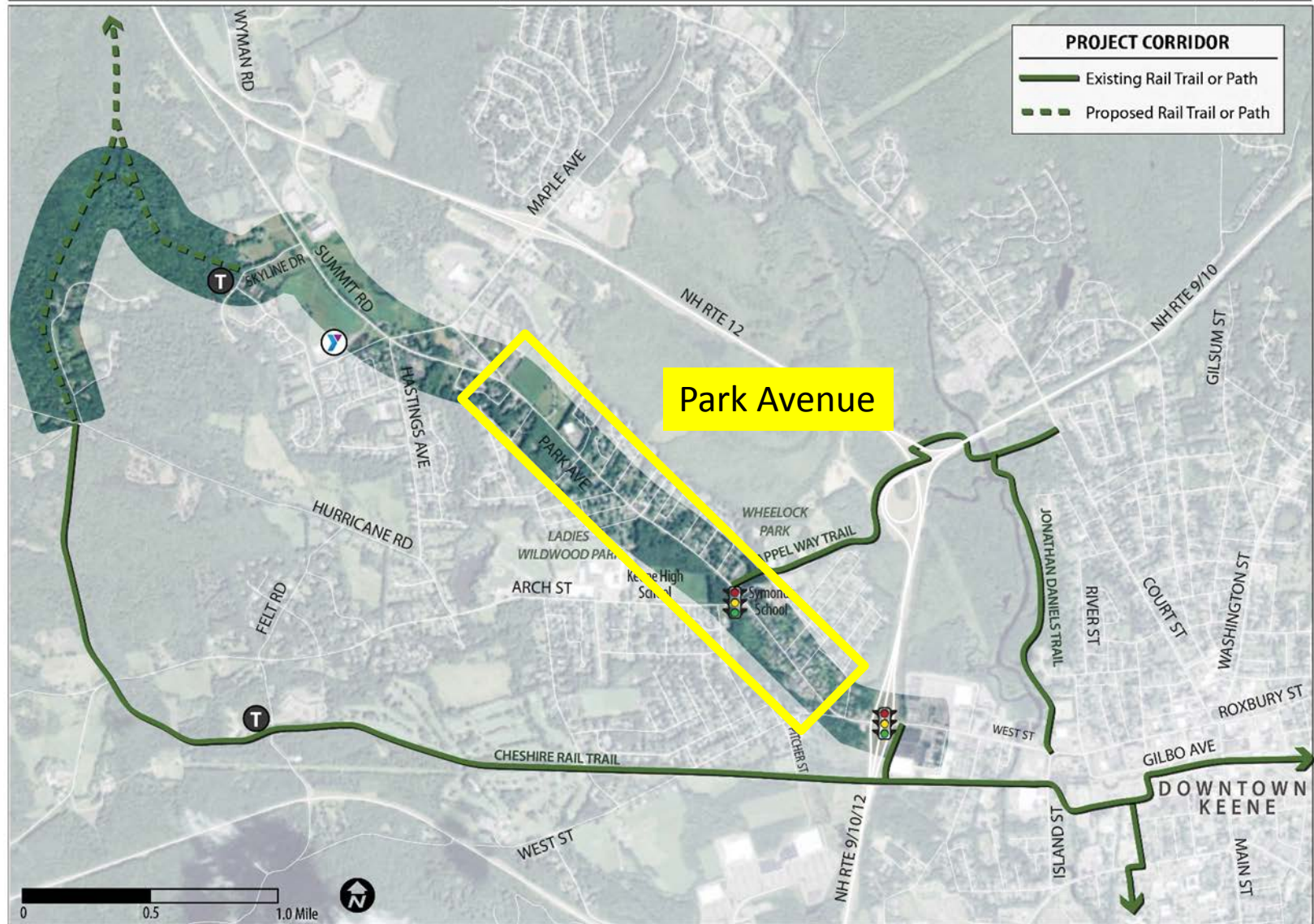


Photo simulation

Summit Rd.: Hastings Ave.- Park Ave.

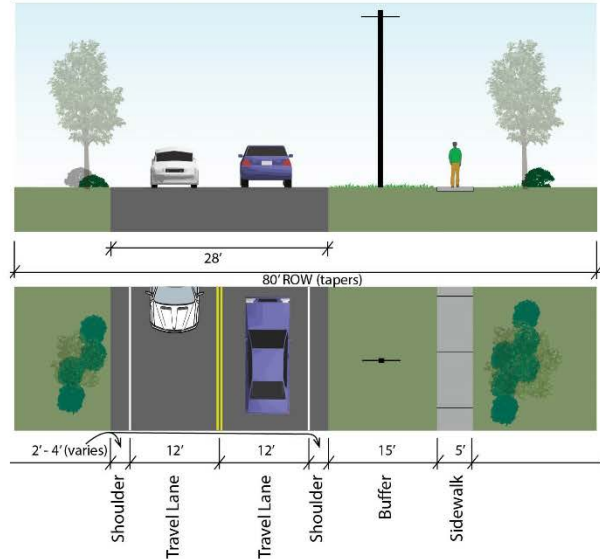




Context Map



Existing Conditions



Park Ave view looking northwest adjacent to cemetery

Recommendation: Bike lanes

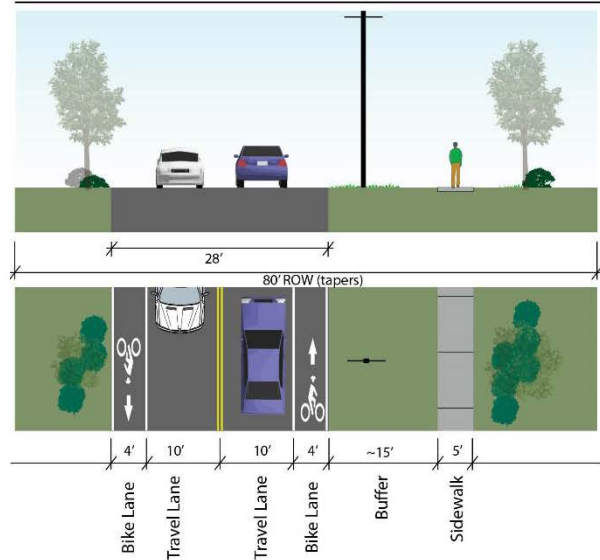
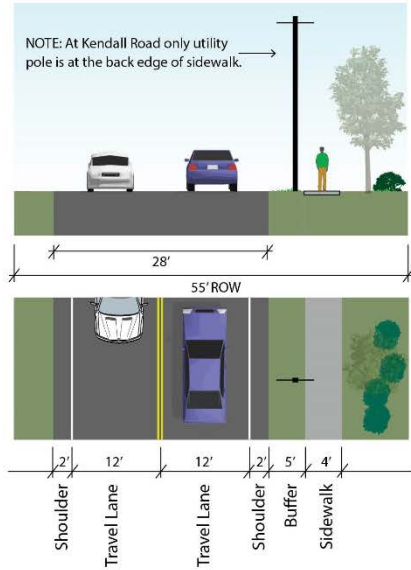


Photo simulation

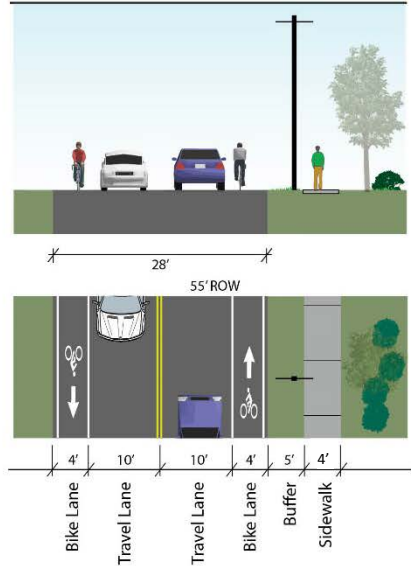
Park Ave. near cemetery



Existing Conditions



Recommendation: Bike lanes



Park Ave view looking northwest at Kendall Road

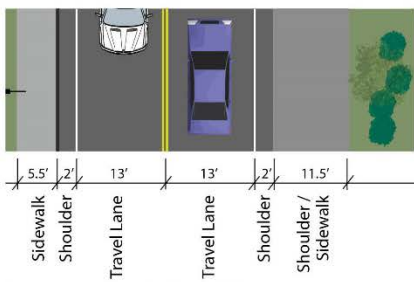
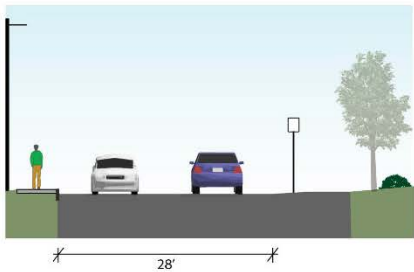


Photo simulation

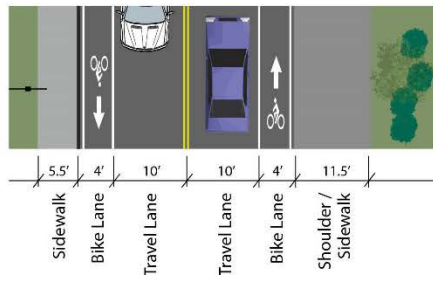
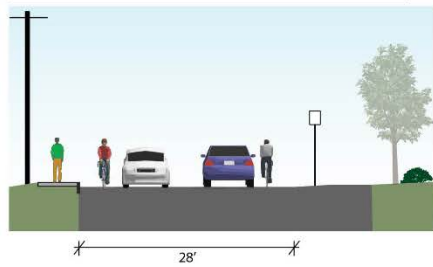
Park Ave. near Kendall Rd.



Existing Conditions



Recommendation: Bike lanes



Park Ave view looking northwest towards Balsam St

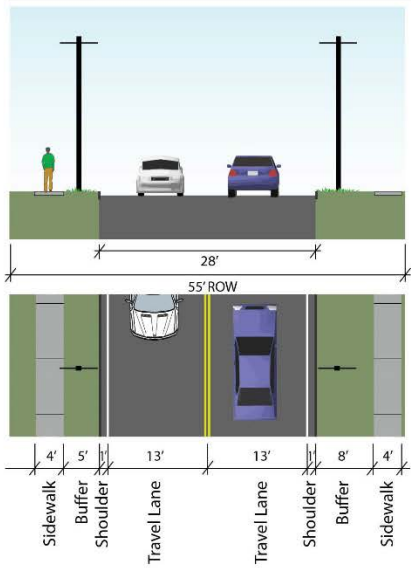


Photo simulation

Park Ave. near Balsam St.



Existing Conditions



Park Ave view looking northwest near Pine Ave

Recommendation: Bike lanes

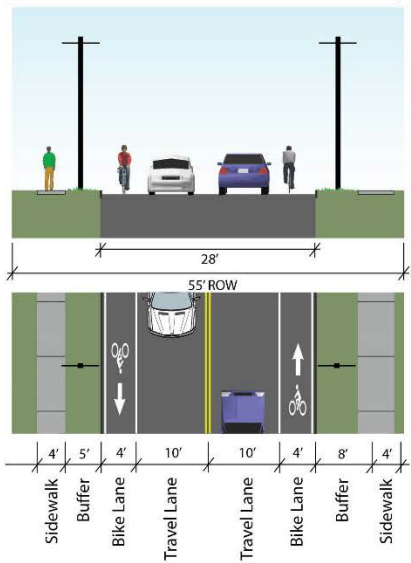


Photo simulation

Park Ave. near Pine Ave.



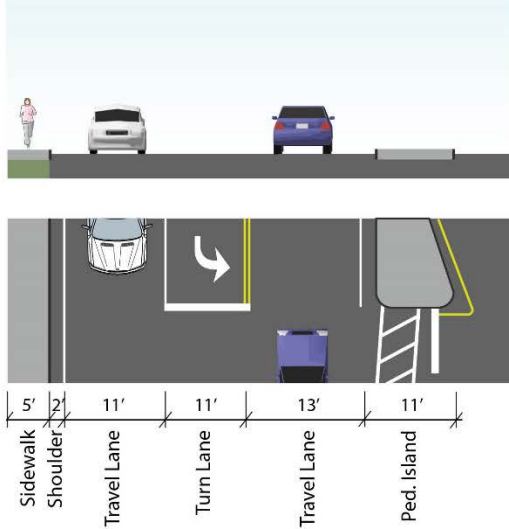


West Street

Context Map



Existing Conditions



Park Ave at West Street view looking east

Recommendation: Shared Lane Markings and Signage

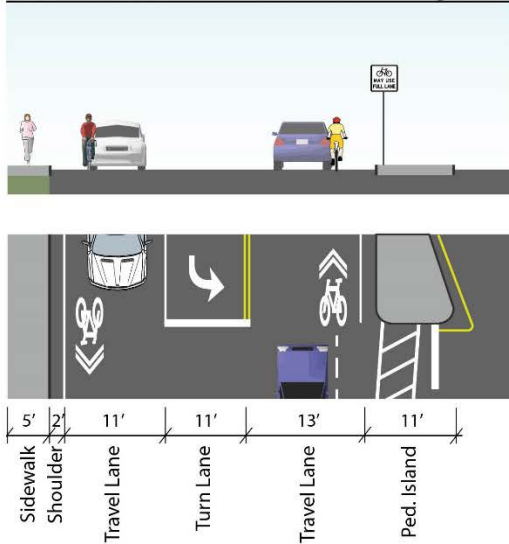
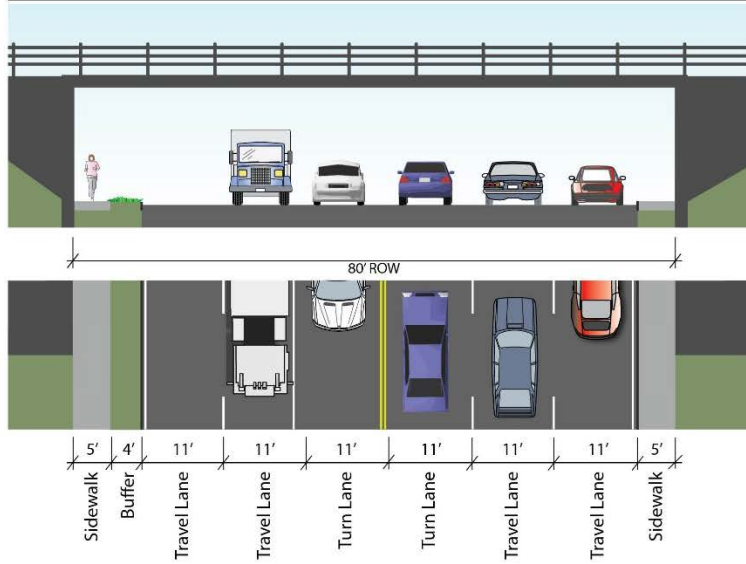


Photo simulation

Park Ave. at West St.



Existing Conditions



West Street at Rte 9 southbound on-ramp looking east

Recommendation: Shared Lane Markings and R4-11 Signage

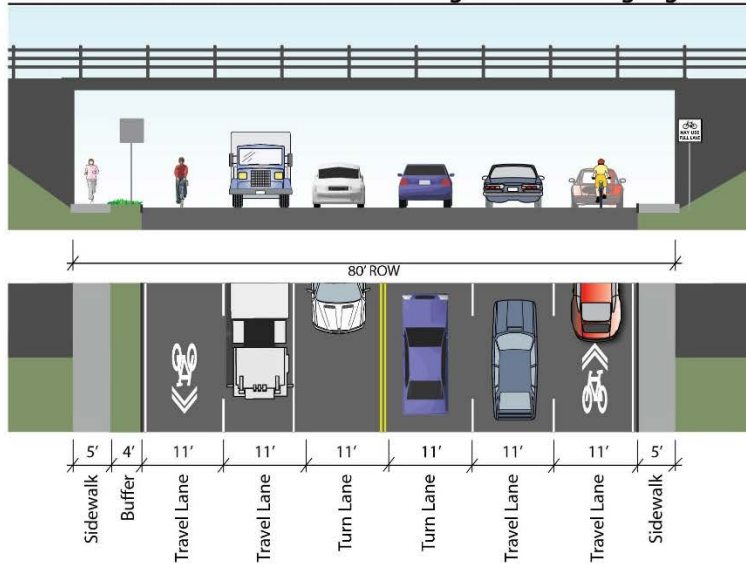
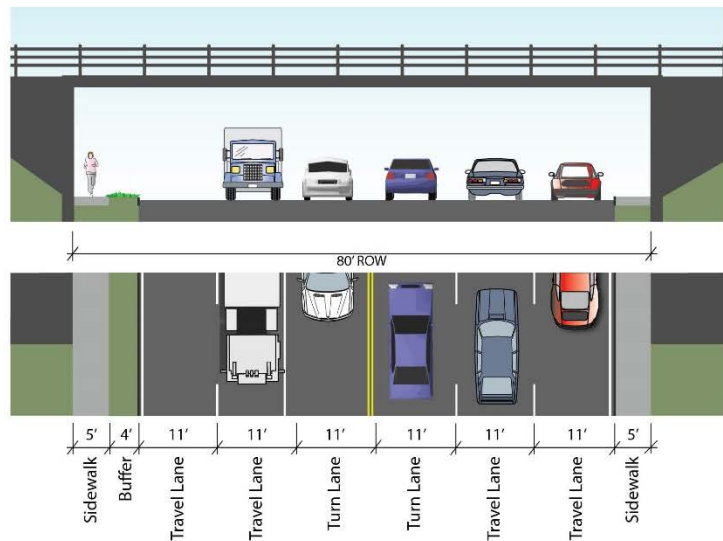


Photo simulation

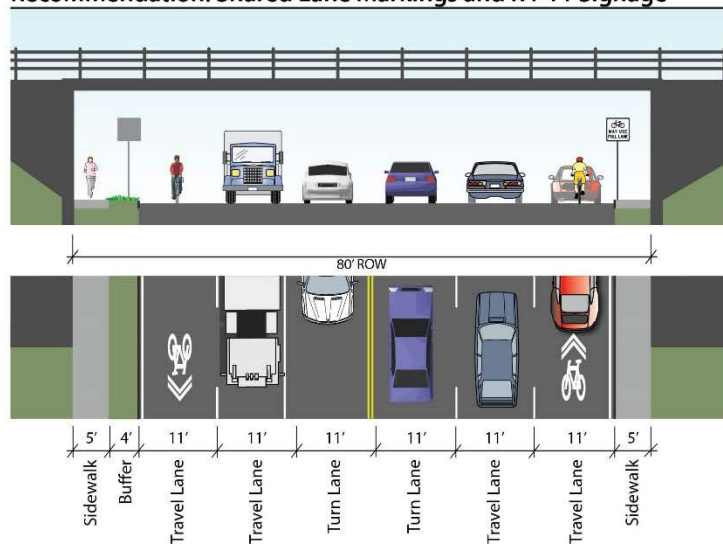
West St. Underpass

Existing Conditions



West Street at Rte 9/10/12 northbound on-ramp looking east

Recommendation: Shared Lane Markings and R4-11 Signage



Recommendation: Widen sidewalk to 10 feet



Photo simulation

West St. at Trailhead

Summary of Improvements

- Trail Heads at Whitcomb Mill Road & Summit Ridge Road
- Cheshire Rail Trail / Ami Brown Rd
 - 10 ft. wide gravel surface
- Summit Ridge Road
 - Sharrows
- Summitt Road: Summit Ridge Rd. – Hastings Ave.
 - 10 ft. lanes w/ shared use path
- Summitt Road: Hastings Ave. – Park Ave.
 - Existing sidewalk +10 ft. lanes w/ 4 ft. bike lanes
- Park Ave.:
 - Existing sidewalk + 10 ft. lanes w/ 4 ft. bike lanes
- West Street:
 - Sharrows

Project Schedule

- Alternative Development / Environmental Screening – February/June 2017
 - Local Concerns Meeting
 - MSFI / City Council Meeting
 - Cultural / Natural Resource Meetings
- Preferred Alternative
- Draft Engineering Study - June 2017
- Public Hearing - July 2017
- Final Engineering Study / NHDOT Approval – August 2017
- Preliminary Design – November 2017
- Final Design - January 2018
- Construction - 2018 Construction Season



Questions / Comments

