

Gorham Road Improvements

2nd Public Meeting

December 8, 2015



Town of Scarborough
Woodard & Curran, Inc.
MRLD Landscape Design + Urbanism

Gorham Road Improvements

Wentworth Drive to Payne Road

“Complete Street”
Improvement for:

- Motorists
- Pedestrians
- Cyclists

...while improving
drainage



Gorham Road Improvements
Wentworth Drive to Payne Road

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Gorham Road Improvements

Wentworth Drive to Payne Road

October 20th Public Meeting
What you shared

High Vehicle Speeds

Lack of Pedestrian Accommodation
(sidewalks/trails)

Lack of Bicycle Accommodation
(bike lanes/trails)

Narrow Roadway

Connections to
Sewer System

Drainage Concerns

Sight Distances at Driveways

Gorham Road Improvements

Wentworth Drive to Payne Road

What we've been up to...

Completed ground survey*

Met with Town Staff to review
concept layouts

Developed general roadway
sections for each "Zone"

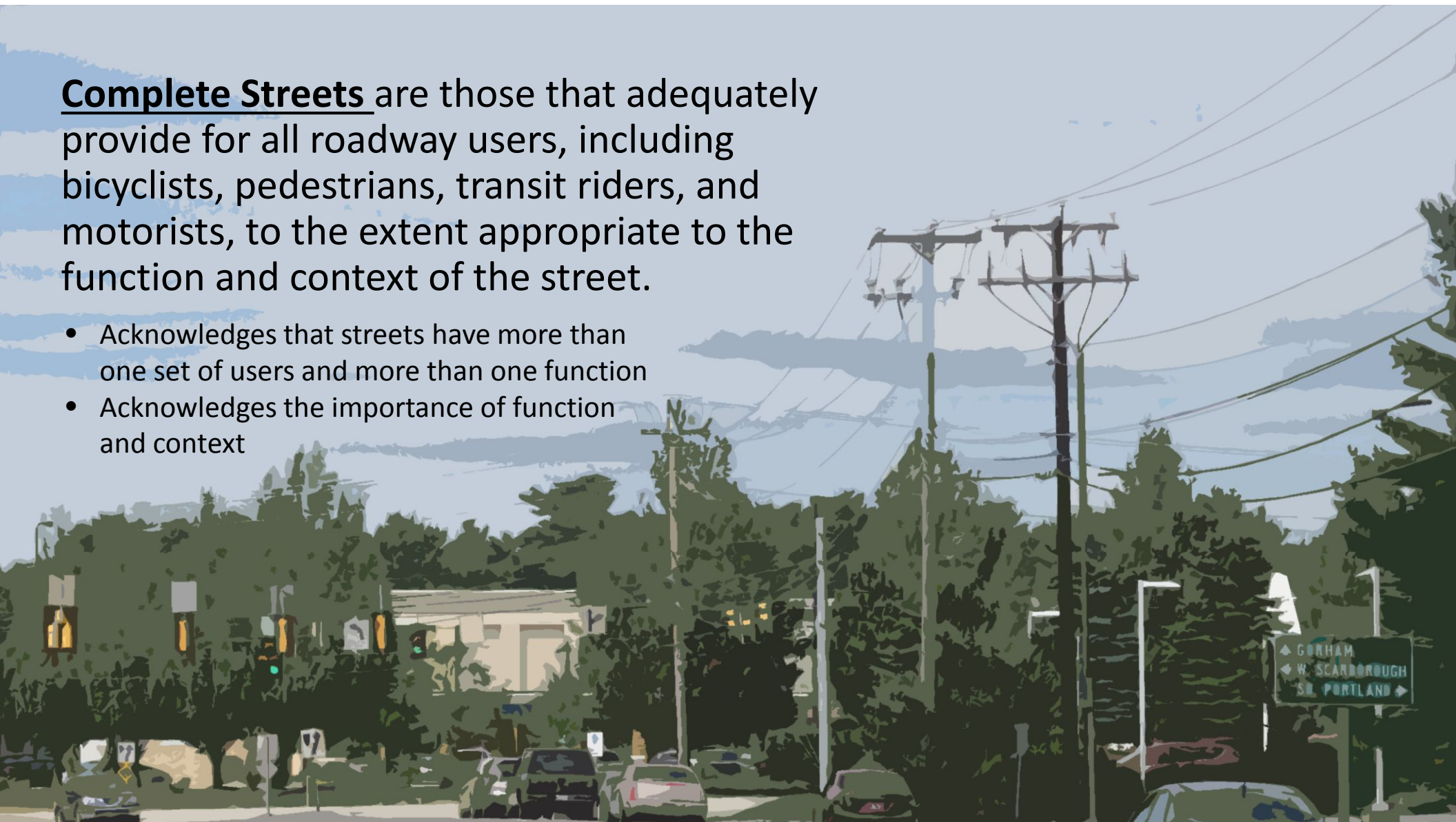
Began layout of bike/ped
improvements

Defined 5 project "Zones"

Evaluated drainage /
stream flow at critical
crossings

Complete Streets are those that adequately provide for all roadway users, including bicyclists, pedestrians, transit riders, and motorists, to the extent appropriate to the function and context of the street.

- Acknowledges that streets have more than one set of users and more than one function
- Acknowledges the importance of function and context



Example: Before

Integration of Bike/Ped Elements



Bath Road, Wiscasset, ME

Example: After

Integration of Bike/Ped Elements



Bath Road, Wiscasset, ME



ZONE 2 – SAWYER
TO MAPLE

ZONE 4 – RIDGEWAY
TO MUSSEY

ZONE 1 – WENTWORTH
TO SAWYER

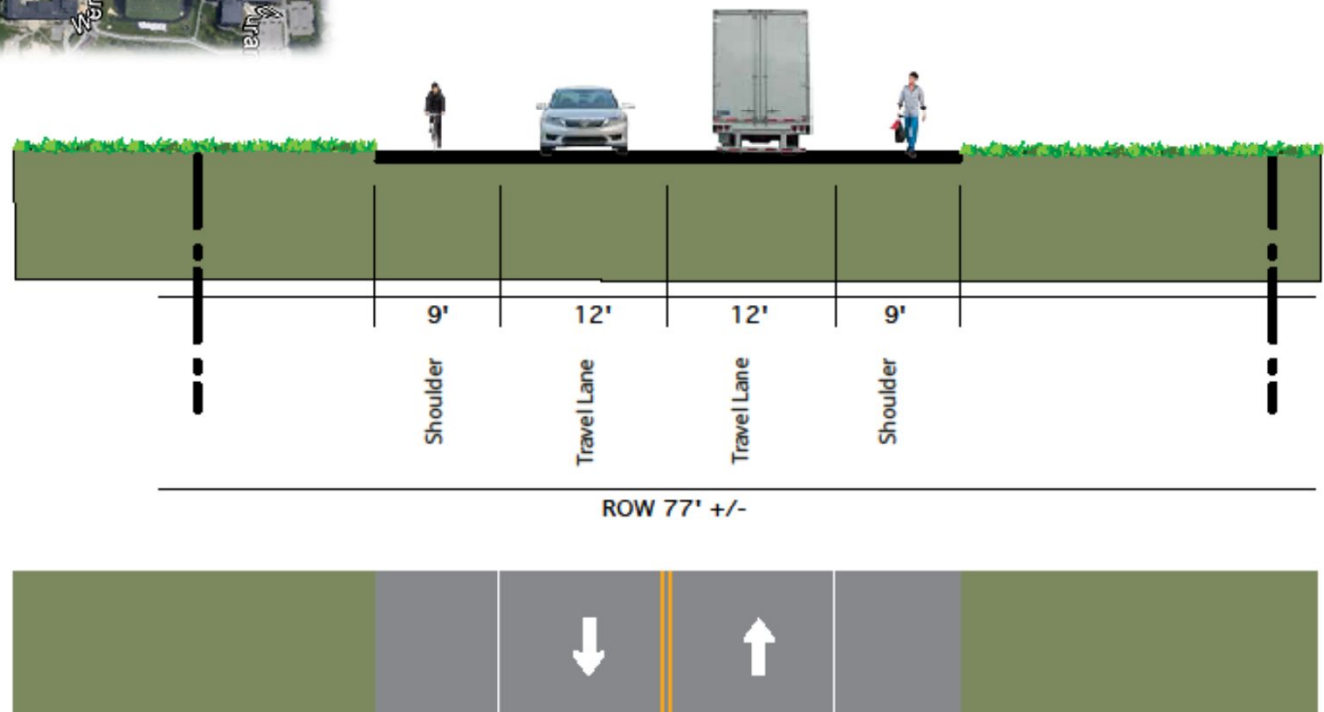
ZONE 3 – MAPLE
TO RIDGEWAY

ZONE 5 – MUSSEY
TO PAYNE

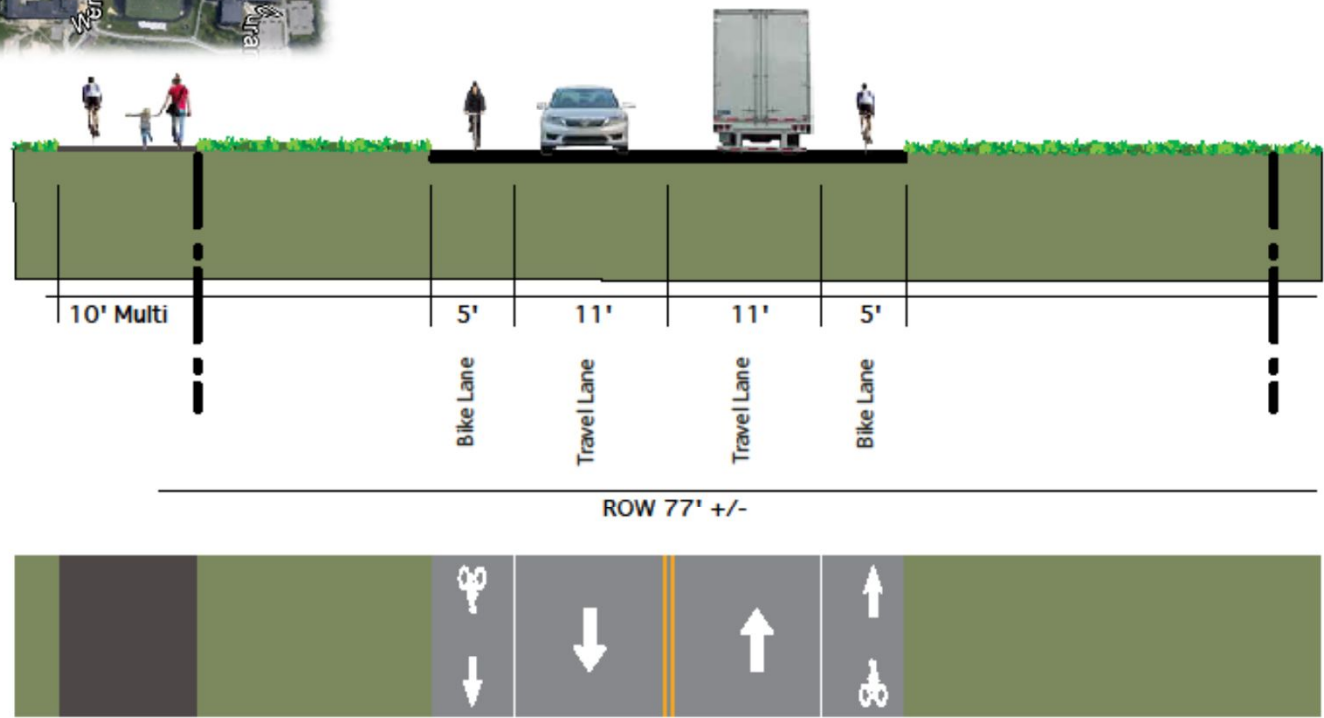
Scarborough

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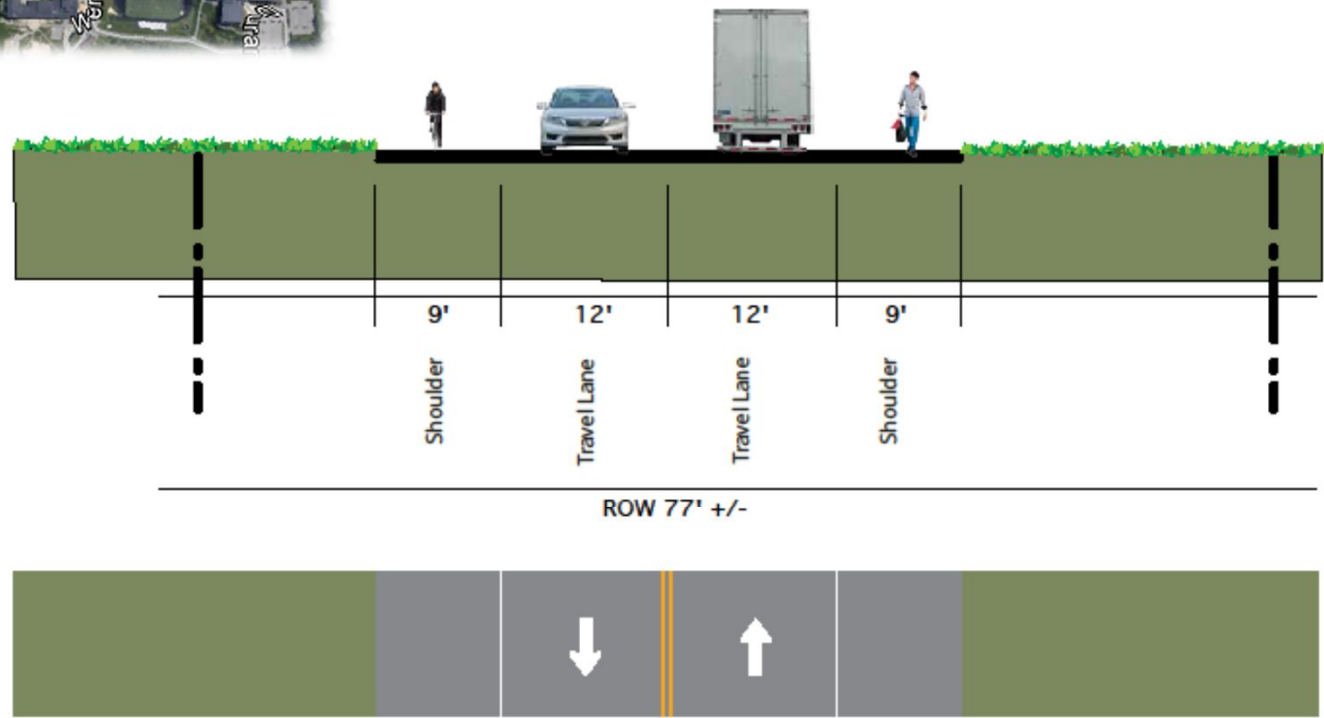
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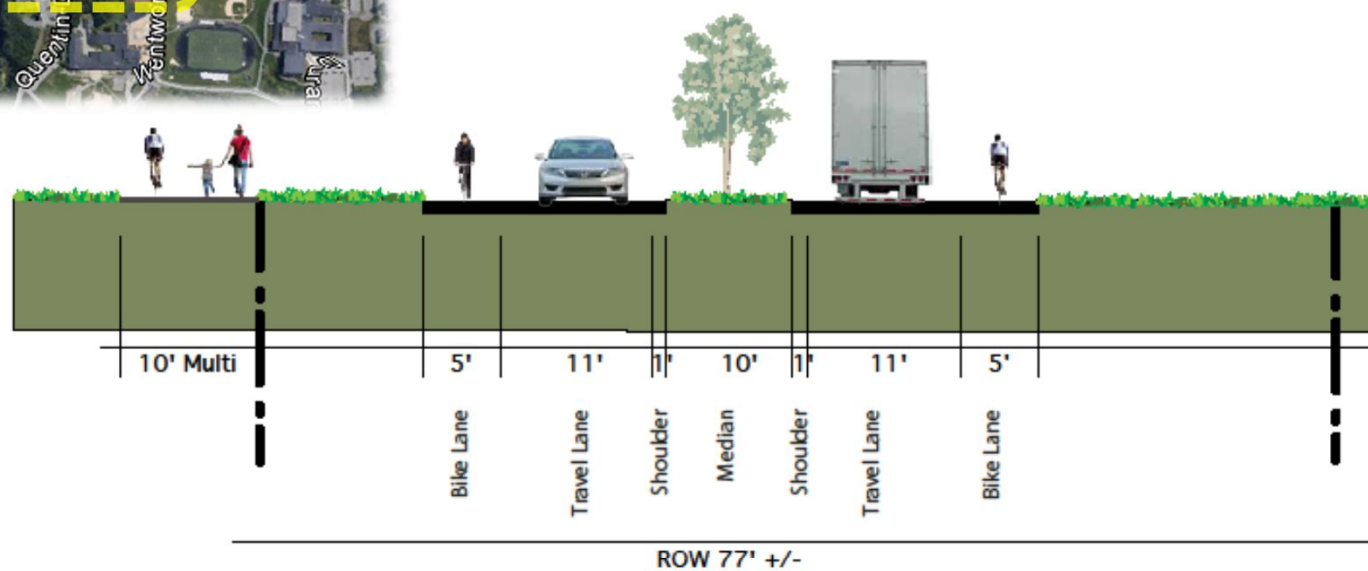
EXISTING TYPICAL SECTION 2: WENTWORTH TO SAWYER



PROPOSED TYPICAL SECTION 2: WENTWORTH TO SAWYER



EXISTING TYPICAL SECTION 1: WENTWORTH TO SAWYER



PROPOSED TYPICAL SECTION 1: WENTWORTH TO SAWYER W/ TRAFFIC CALMING

Example Traffic Calming Island Route 9 at UNE Campus - Biddeford



© 2015 Google

Google earth

624 State Rte 9



Exit Street View

Example Traffic Calming Island Route 9 UNE Campus Biddeford

Low, Pedestrian-Scale Lighting

Curbed Center Island w/Tapers

Curbed Roadway Edge

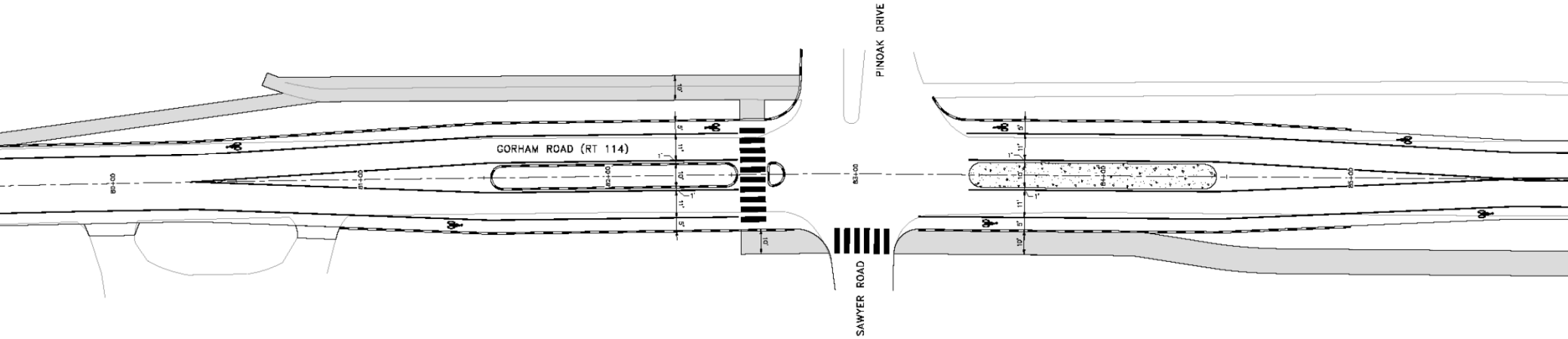
Shoulder (Bike Lane)

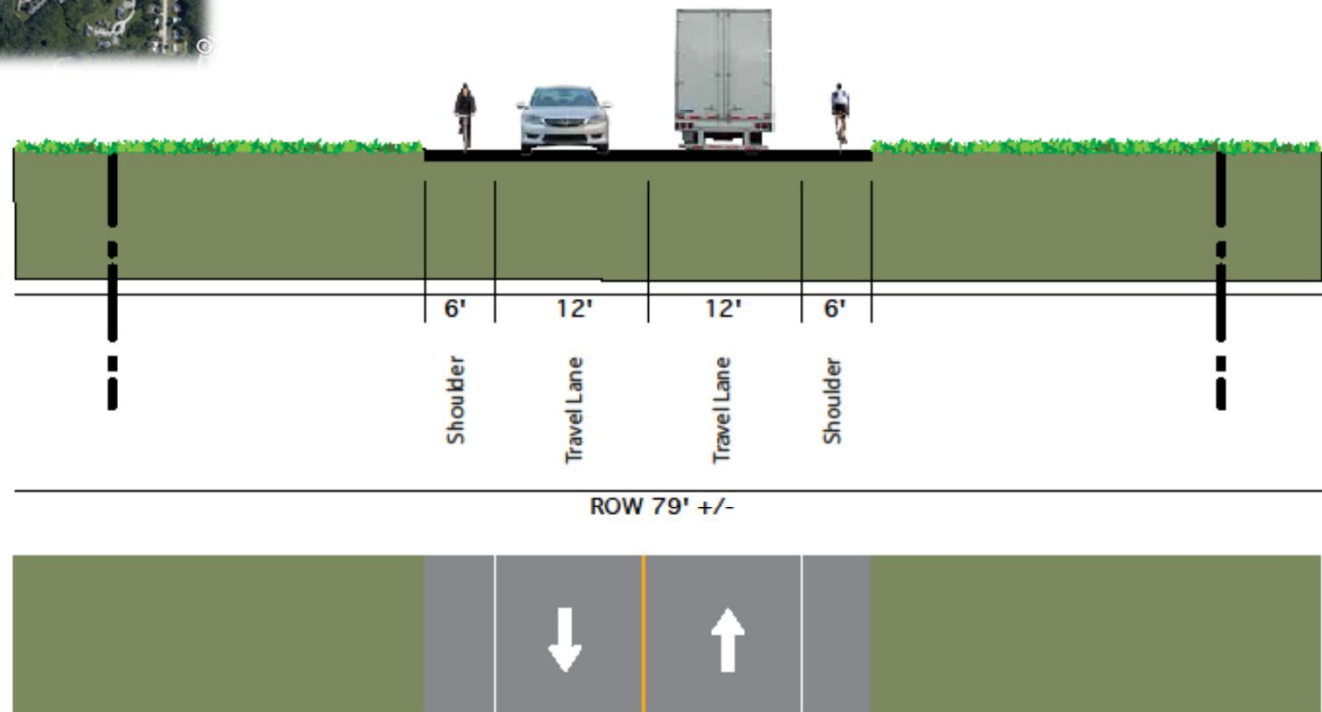
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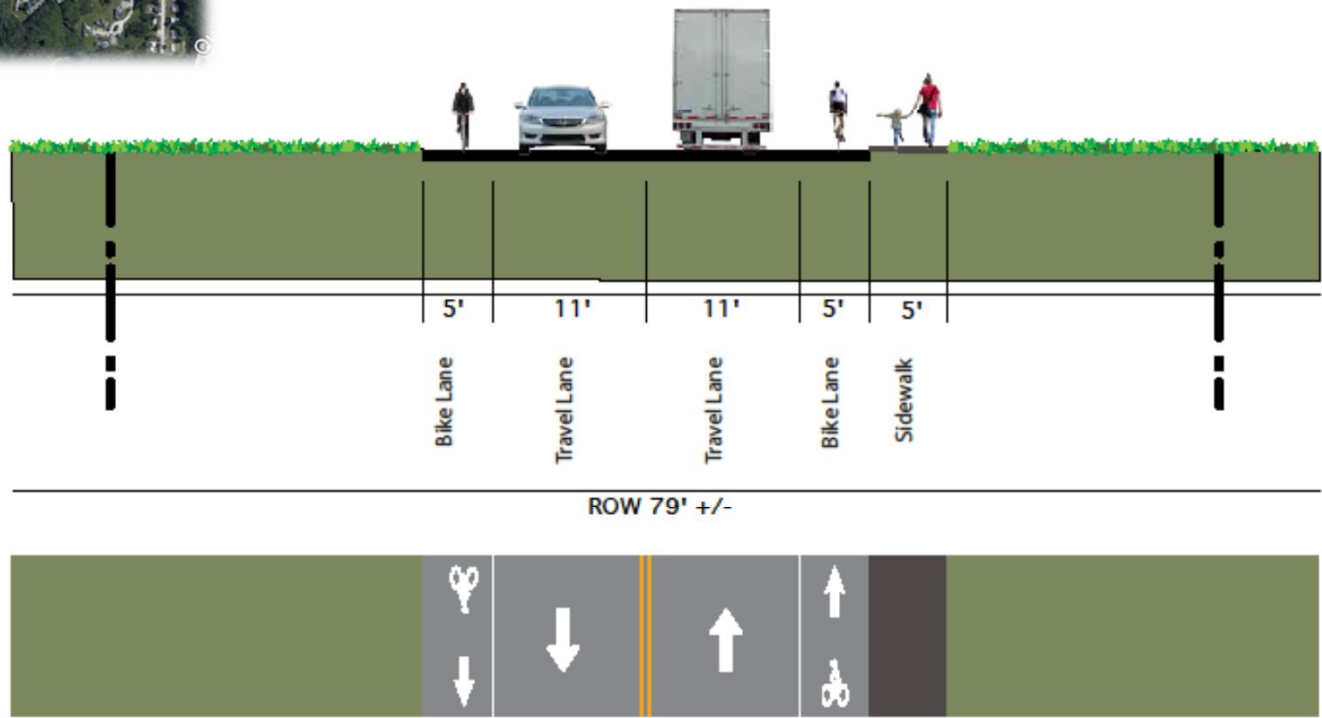
Draft Traffic Calming Island & Crossing

Gorham Road – Sawyer / Pinoak

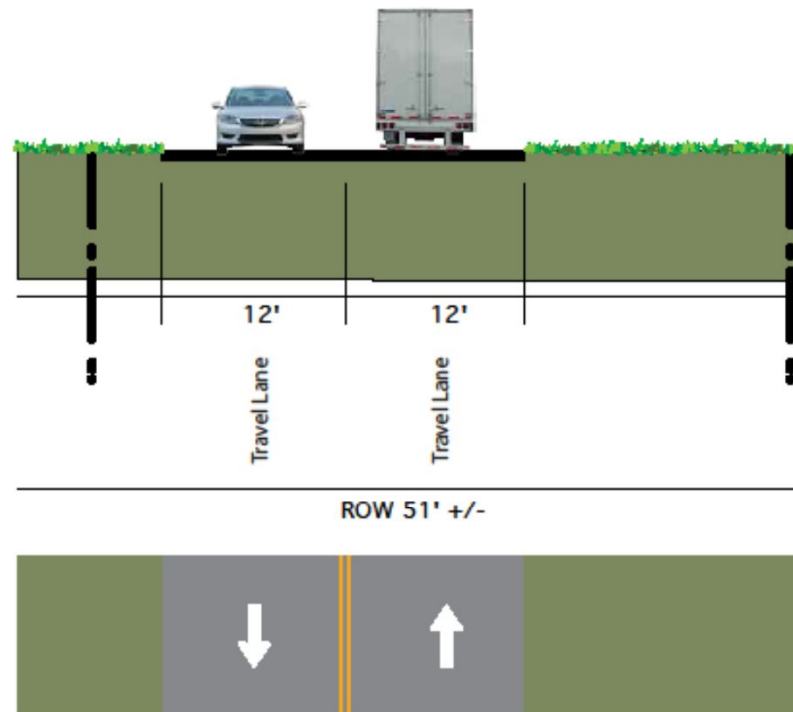




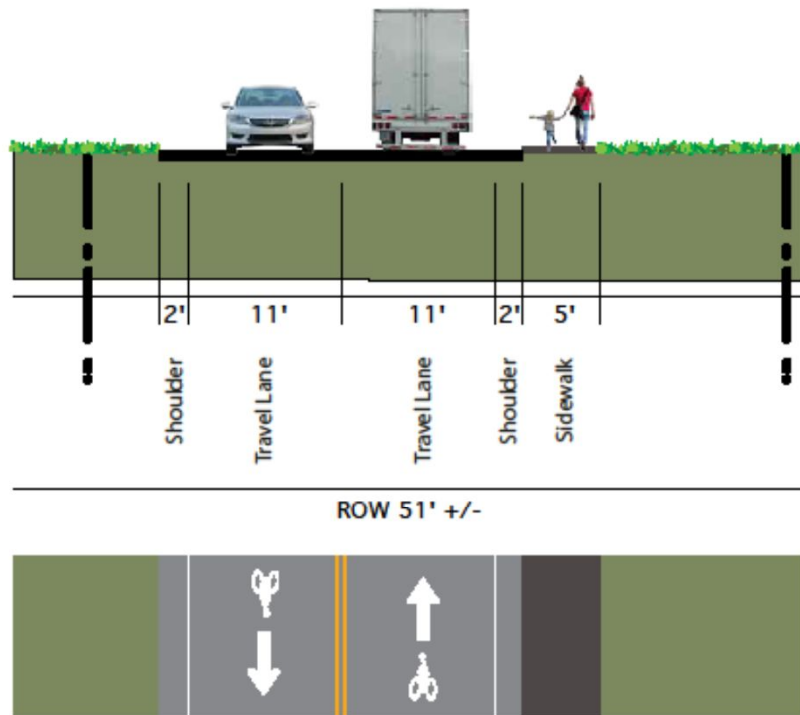
EXISTING TYPICAL SECTION: SAWYER TO MAPLE



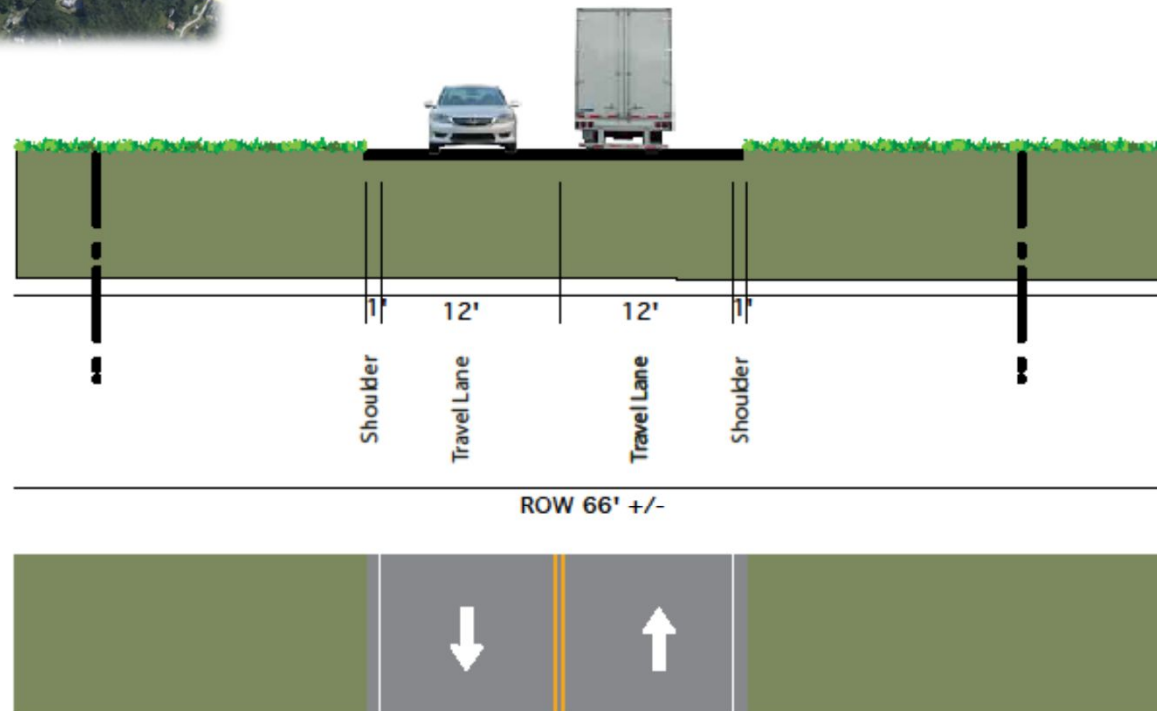
PROPOSED TYPICAL SECTION: SAWYER TO MAPLE



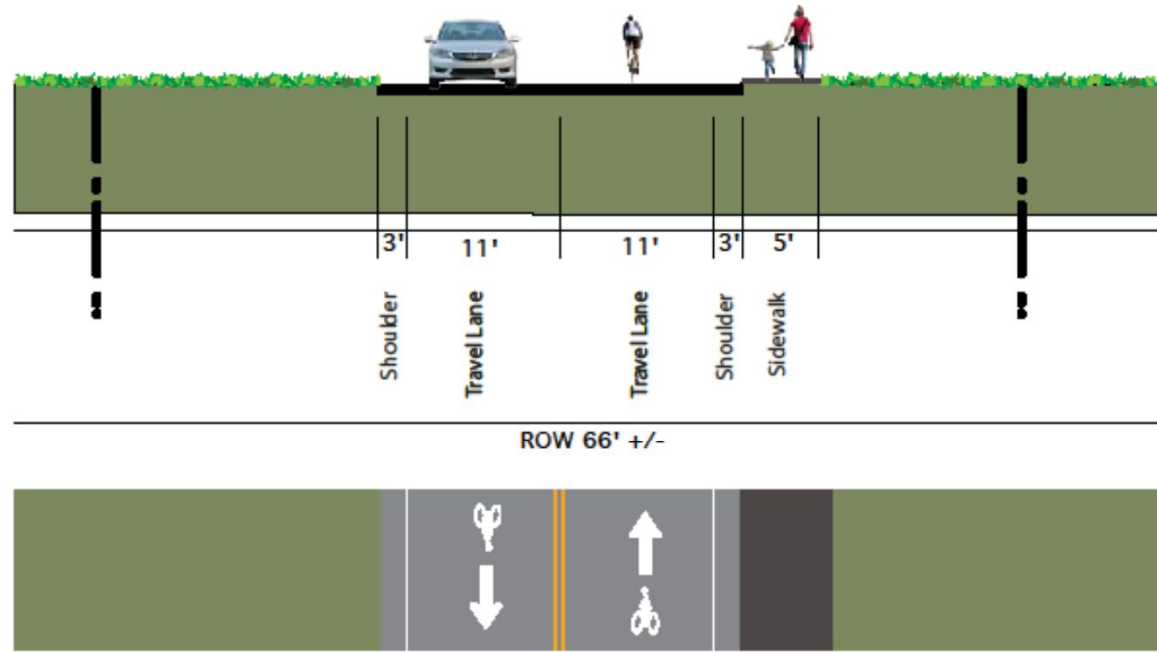
EXISTING TYPICAL SECTION: MAPLE TO RIDGEWAY



PROPOSED TYPICAL SECTION: MAPLE TO RIDGEWAY



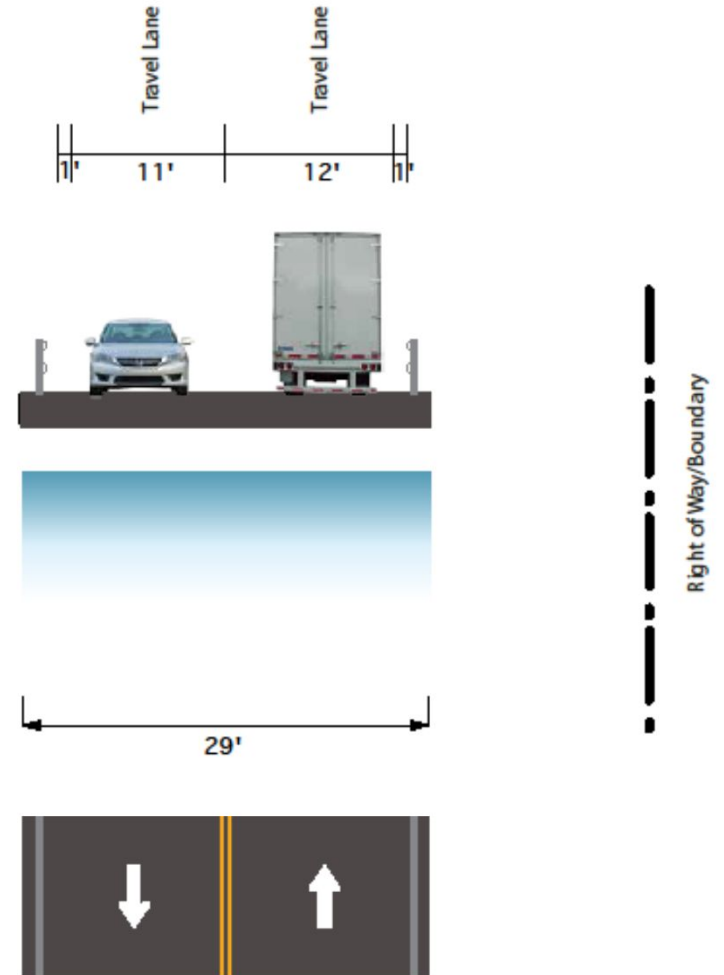
EXISTING TYPICAL SECTION: RIDGEWAY TO MUSSEY



PROPOSED TYPICAL SECTION: RIDGEWAY TO MUSSEY

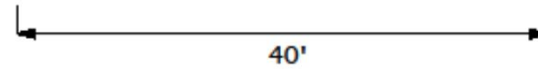
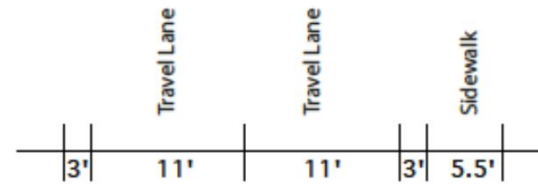


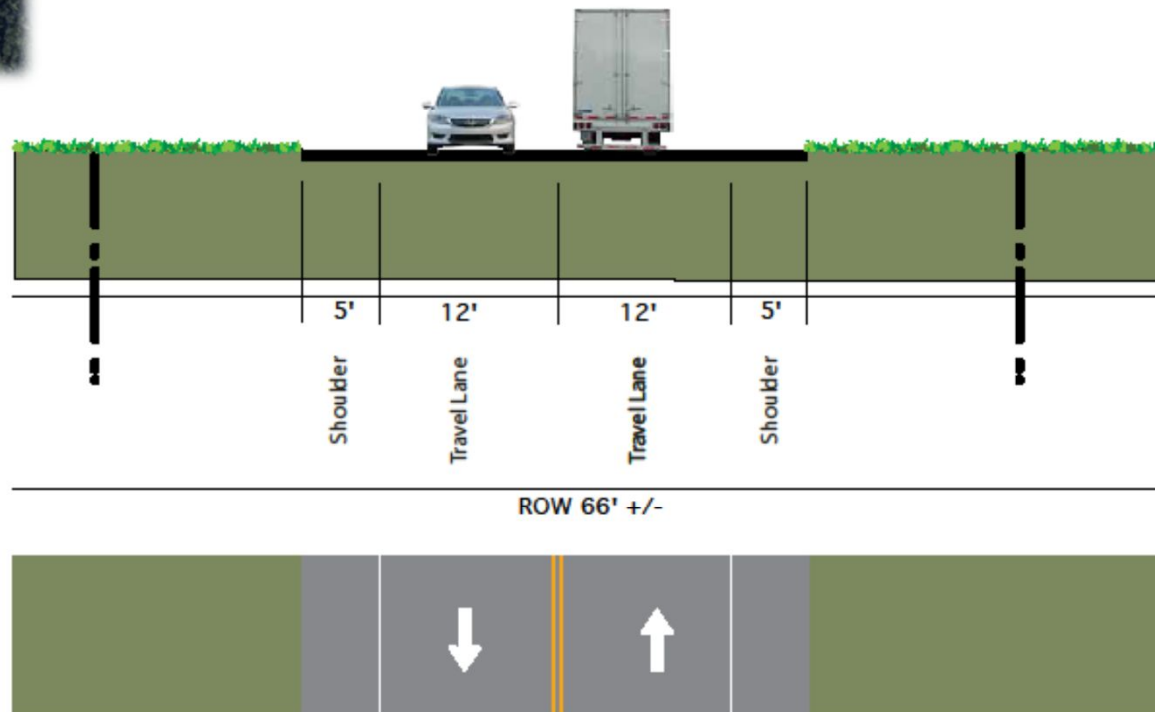
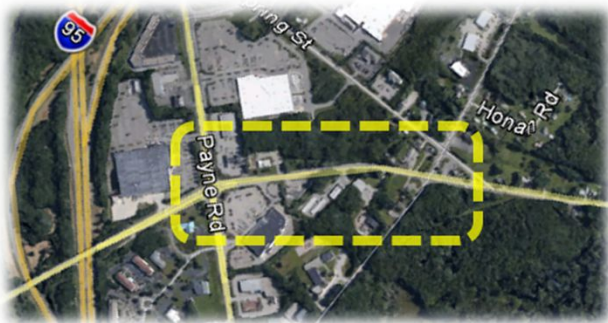
Nonesuch River Bridge Existing



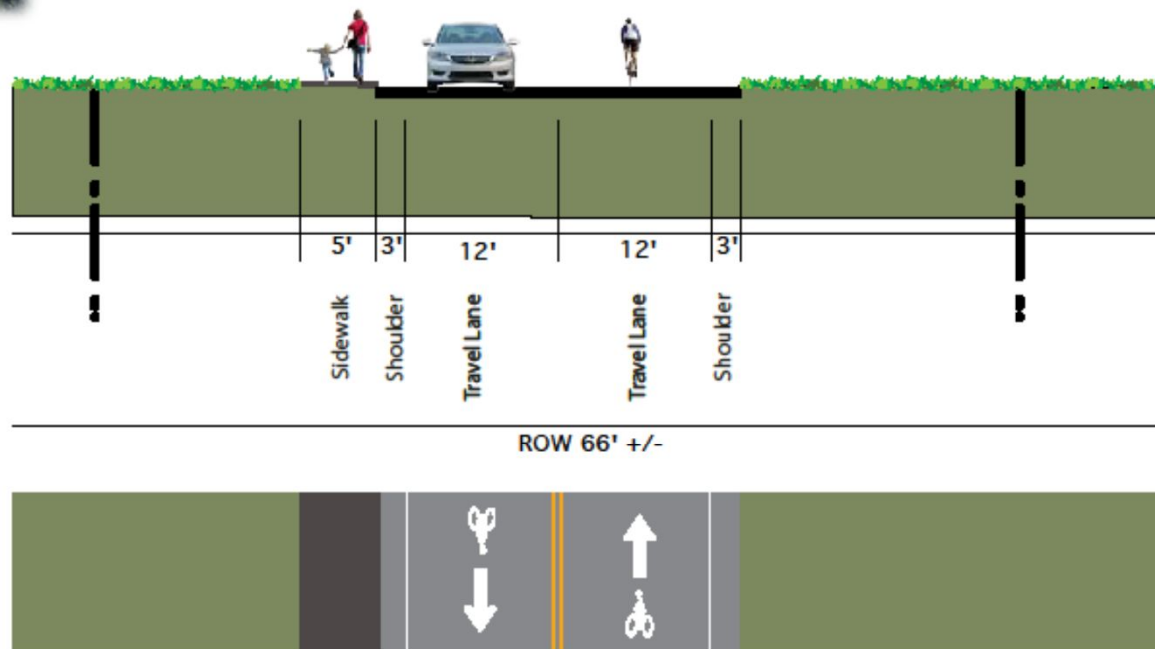
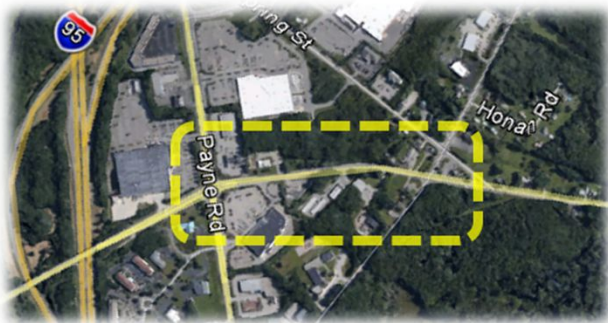


Nonesuch River Bridge Proposed

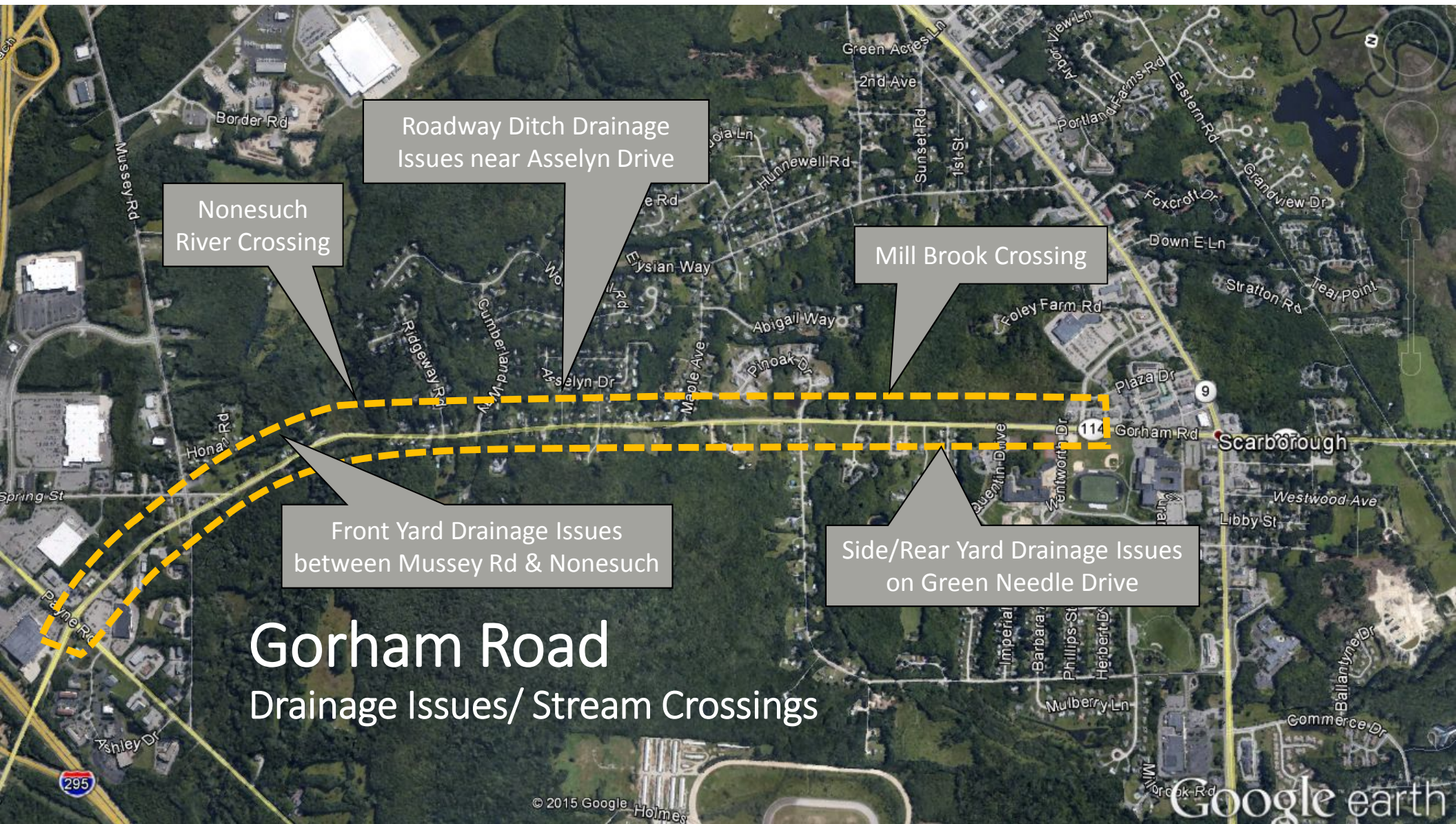




EXISTING TYPICAL SECTION: MUSSEY TO PAYNE



PROPOSED TYPICAL SECTION: MUSSEY TO PAYNE



Gorham Road

Drainage Issues/ Stream Crossings

Nonesuch
River Crossing

Roadway Ditch Drainage
Issues near Asselyn Drive

Mill Brook Crossing

Front Yard Drainage Issues
between Mussey Rd & Nonesuch

Side/Rear Yard Drainage Issues
on Green Needle Drive

Gorham Road Improvements

Schedule & Next Steps

Public Meeting (10/20) ✓

Topo/ROW Survey ✓

2nd Public Mtg. (12/8)

50% Prelim Design*

90% Prelim. Design & Costs

Final Preliminary Design (2/1)

*Anticipate discussions with several abutting property owners