



Parking and Traffic Safety Committee Meeting

Middle Street Bike Lane Portsmouth, NH

Thursday, May 5, 2022, at 8:30 AM



Project Staff



Tyler Reese

City of Portsmouth

Peter Rice, Director of Public Works

Eric Eby, Transportation Engineer

Tyler Reese, Associate Engineer

WSP

Deborah Finnigan, PE, Senior Project Manager



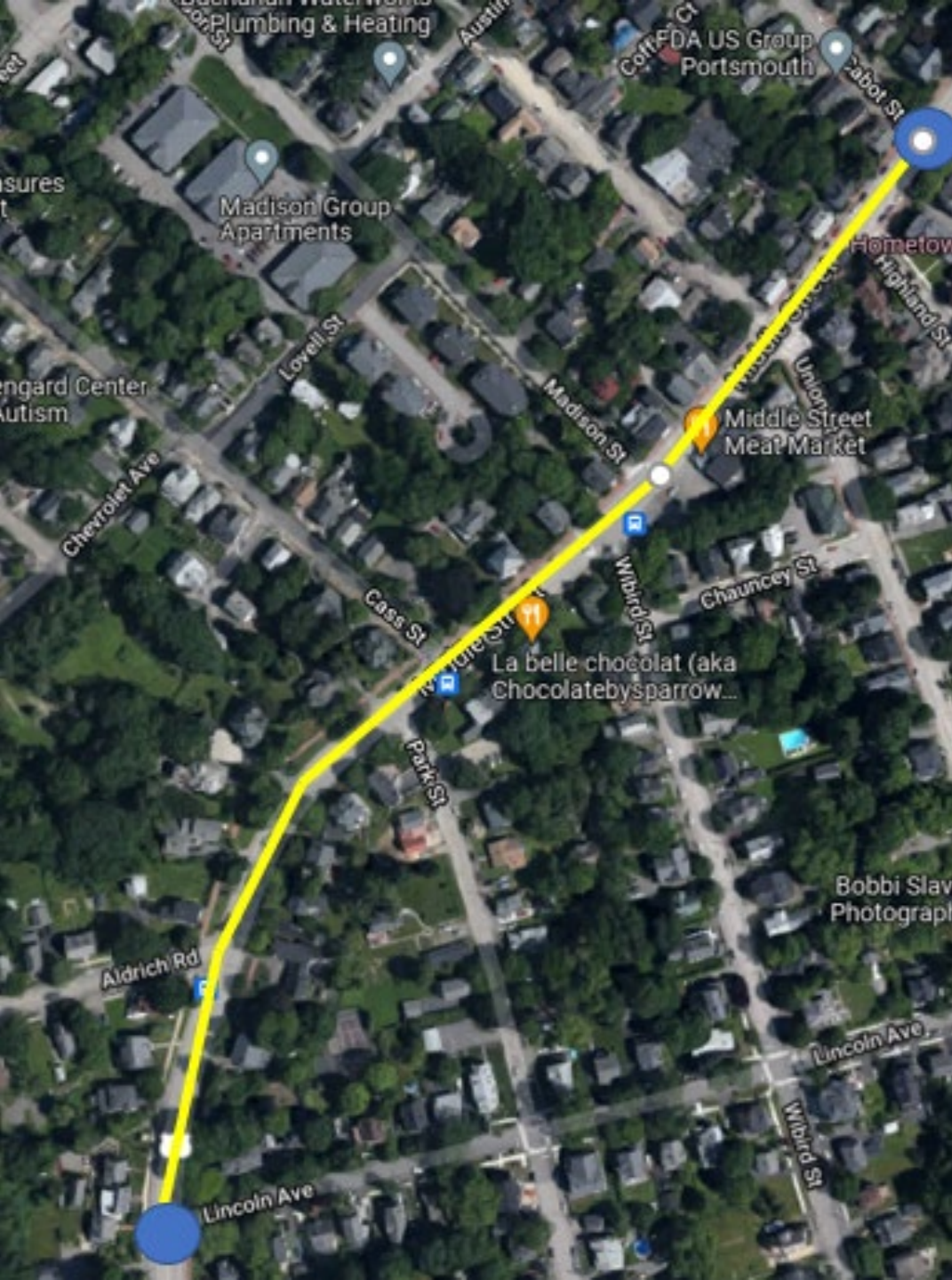
May 5, 2022

Project Goals

- 1) Conform with the prior City Council's Directive
 - a. Directive Date: March 15, 2021
- 2) Is modified bike lane acceptable to NHDOT?
- 3) Maintain Federal and State Funding



Project Background



Proposed project for Middle Street put on TIP: 2010

Project Funding (State and Federal): 2015

Public Meetings: 2016

Project Designed Completed: 2017

Project Bid: 2018

Construction Completed: 2018

Modifications Completed (bollard removal): 2019

Additional Modifications Completed (Cover Pavement Markings, Add Crosswalk and RRFB, and add signs): 2021

Actions Taken by City Council



Tyler Reese

1. Installation of Rectangular Rapid Flashing Beacons and a crosswalk for pedestrian crossings at the intersection of Middle Street at Aldrich Road.
2. Designation of Lincoln Avenue as a bike boulevard.
3. Approved moving parking spaces back to the curb and removing outbound bike lane between Cabot Street and Lincoln Avenue.



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Project Background - Pre-Construction



Middle Street at Highland Street

May 5, 2022

Project Background – Post Construction



Google maps

Middle Street at Highland Street

May 5, 2022

Project Background – Modifications 2021



Middle Street at Highland Street



May 5, 2022

Project Background – Modifications 2021



Middle Street at Aldrich Road



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Project Background – Modifications 2021



Middle Street at Cass Street



May 5, 2022

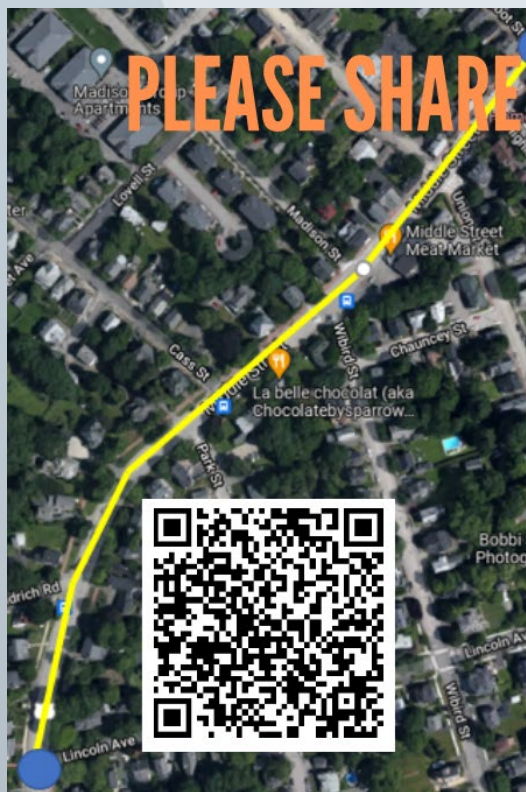


WSP Project Role

- Became involved in 2021 as a 3rd party review
- Provide Conditions Inventory
- Public Meeting Technical Participant
- Door-to-Door survey of residents and business owners
 - Middle Street from Lincoln Street to Cabot Street
- Engineering Evaluation and Assessment
 - Provide Memorandum



Bike Lane Survey



PLEASE SHARE YOUR INPUT!

TAKE A MOMENT TO COMPLETE
A SHORT SURVEY ABOUT THE
MIDDLE STREET BIKE LANES.

Use the QR code on this card to
take the online survey.

Prefer a paper survey?

Contact delia.makhetha@wsp.com or 603-263-8881.

Have other questions?

Contact tcreese@cityofportsmouth.com
or 603-605-4461.

All survey responses are due March 31, 2022.



To use the QR code, open the camera app on a cell phone.
Hold your device so that the QR code appears in the
camera app, then the survey will open. You can also view
the survey using the following URL:
<https://www.surveymonkey.com/r/middlest>

- Survey was available at the hybrid Public Meeting on March 10
 - Paper copy and postcard with QR code to on-line survey
 - An email address was provided if people preferred to voice their thoughts this way.
- WSP conducted a door-to-door survey on March 11
- The survey was available on-line from March 10 to April 1.

Bike Lane Survey Results



Portsmouth, New Hampshire Middle Street Bike Lane Survey

The City of Portsmouth, NH seeks feedback from residents and businesses about the bike lanes along Middle Street (between Cabot Street and Lincoln Avenue).

Please complete the short survey below to share your experience using the Middle Street bike lanes. Your input will help guide the City's future planning.

For more information about the project please visit the City's project page: <https://www.cityofportsmouth.com/planportsmouth/middle-street-lafayette-road-bicycle-pedestrian-corridor-project>.

To view the digital survey, visit the survey page: <https://www.surveymonkey.com/r/middlest>

If you have questions, please contact Tyler Reese, City of Portsmouth Engineer at, tcreese@cityofportsmouth.com. Thank you!

1. Please provide the following information:

Name: _____

Email address: _____

Phone number: _____

2. Are you:

- A resident in the Middle Street area
- Business owner/employee in the Middle Street area
- Other: _____

3. Do you use the bike lanes in the project area (Middle Street between Cabot Street and Lincoln Avenue)?

- Yes

- Total Responses 290
 - 158 identified themselves as residents or business owners on Middle Street
 - 97 identified themselves as Portsmouth residents
 - 255 total identified as living or working in Portsmouth
 - 48% of respondents stated they use the bicycle lanes
 - 74% of respondents stated they use the pedestrian accommodations

Bike Lane Survey Responses - Positive



- Protected lanes are appreciated. Slower traffic speeds associated with narrower roadway is a welcome bonus.
- Anything the City can do to get people out of their cars is a plus for the environment, the quality of life in Portsmouth, and personal health.
- Like them now, less intrusive, and safer travel mode.
- Restore protected lanes.



Bike Lane Survey Responses - Other



- Bike lanes are needed but the way these are done seems confusing.
- Past lanes with cars parked towards center of road are confusing to drive on.
- There are many more drivers than bikers. Keep priorities in line with use.
- Do away with the bike lanes! This is a main road which leads you to downtown and shouldn't have a bicycle path interfering with driving.
- The removal of the old bike lanes left a very confusing road configuration. Striping needs to be added to clarify where bikes and cars should be.
- They are dangerous to vehicular traffic

Final Recommendation



W11-1

RESET EXISTING D11-1 AND M16-7P FROM HIGHLAND STREET TO LINCOLN AVENUE AT MIDDLE STREET AS SHOWN



W16-7p



SEE PAGE 17

Final Recommendation



SEE PAGE 16

BIKE SHARROW (TYP.)

HP Parking

NO PARKING (TYP.)

PARKING (TYP.)

RETAIN BIKE SHARROW



REMOVE EXISTING D11-1 AND M16-7P. RESET ON MIDDLE STREET AT LINCOLN AVENUE. ADD W11-1 AND W16-1 AT THIS LOCATION

Question & Answer

- A recording of this meeting will be available on the City of Portsmouth website.

