



U.S. 17 Business (Market Street) Access Management Improvements

From CSX Railroad to Station Road in Wilmington, New Hanover County

State Transportation Improvement Program (STIP) Project No. U-4902B & U-4902C

Open House Public Meeting Handout - December 7, 2017

Welcome

Thank you for attending the Open House Public Meeting for the proposed US 17 Business (Market Street) Access Management Improvement Project. This meeting is provided by the North Carolina Department of Transportation (NCDOT) to provide information about the project and to obtain public input. You will have an opportunity to review maps and other materials, talk with project team members, and offer your comments. There will be no formal presentation. We look forward to receiving your input.

Project Description and Purpose and Need

This project proposes to convert the existing center turn lane on US 17 Business (Market Street) to a raised median, creating a four-lane divided roadway from CSX Railroad to Cinema Drive and Jacksonville Street to north of US 177/132 (College Road) for U-4902B and north of US 177/NC 132 (College Road) to Station Road for U-4902C. Full access median crossovers will be provided at signalized intersections and partial median openings will be provided at other public streets. U-4902C includes an intersection modification at Market Street and Martin Luther King Jr. Boulevard.

Project Need: Traffic congestion and high rear end and left turn crash rates on U.S. 17 Business (Market Street) in Wilmington.

Project Purpose: To improve connectivity, increase safety by decreasing the frequency of accidents, and decrease congestion along U.S. 17 Business (Market Street) in Wilmington.

Your Input is Important to Us!

This handout includes a comment sheet. We appreciate you taking the time to provide input. The information you provide will help NCDOT develop the project by considering input from all stakeholders. Please submit your comments at the comment station tonight, or by mail or e-mail to the address on the comment sheet by **December 22, 2017**.

A Title VI Public Involvement Form is also attached to this handout. Completing this form is completely voluntary.

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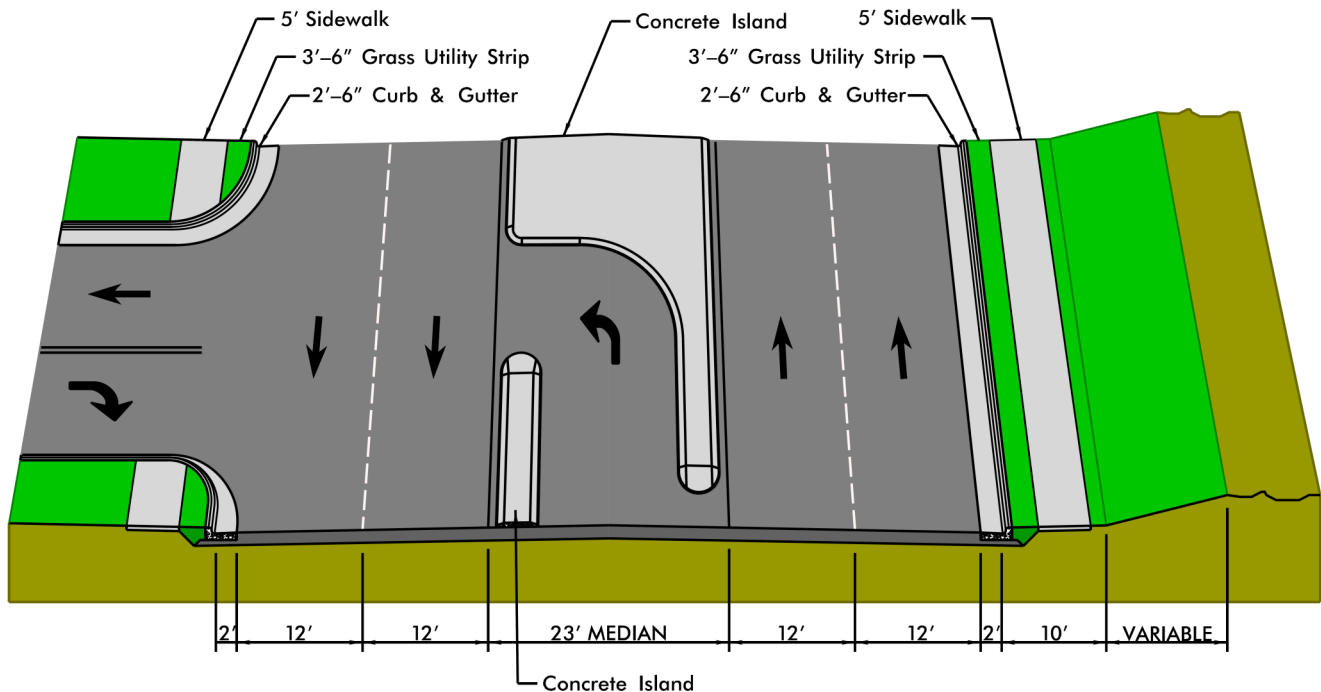
Project Background

STIP U-4902B & C are part of a larger access management improvement project along the US 17 Business (Market Street) corridor between the CSX Railroad and Porters Neck Road. The following table summarizes the individual phases of the Market Street Access Management Improvement Project (STIP U-4902):

STIP U-4902	Phase	From	To	Anticipated Construction Start
A	I	New Centre Drive	Martin Luther King Jr. Parkway	<i>Phase I is complete.</i>
B	II	CSX Railroad	College Road	2021
C	III	College Road	Station Road	2020
D	IV	Middle Sound Loop Road	Mendenhall Drive/Marsh Oaks Drive	2019

Project Information

- ◆ U-turn movements are accommodated at all median breaks (i.e., signalized intersections and left-turn overs) for a passenger vehicle.
- ◆ On-site detours are anticipated to replace existing storm drainage pipes under Market Street. The replacement of the pipes will be completed in phases and traffic routed around the construction. Additional, temporary pavement will be required along Market Street to complete storm drainage pipe replacements. Existing access to adjacent properties will be maintained for the duration of the on-site detours.
- ◆ Sidewalks will be maintained or added on both sides of Market Street to accommodate pedestrians.

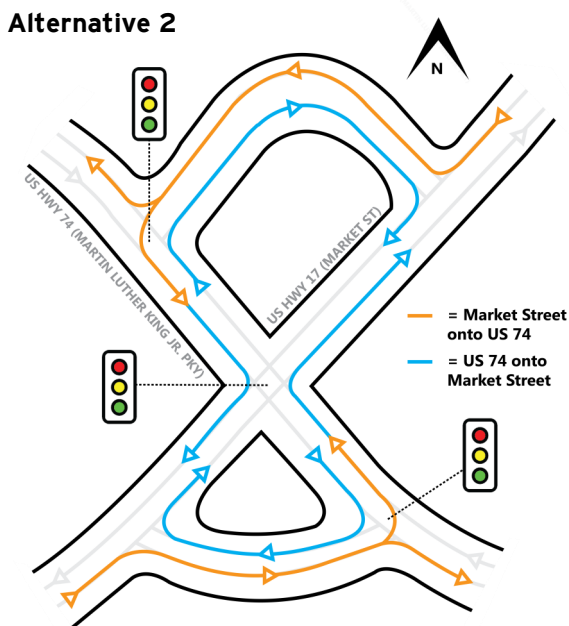
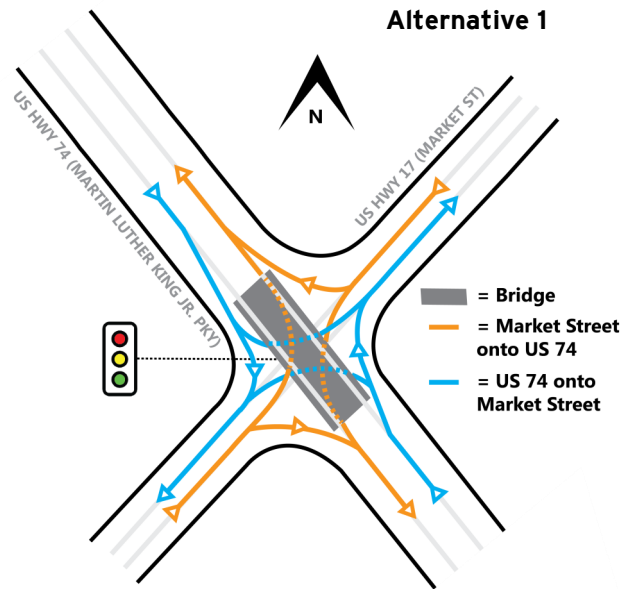


Typical Section for Left Turn-Over.

US 74 Interchange

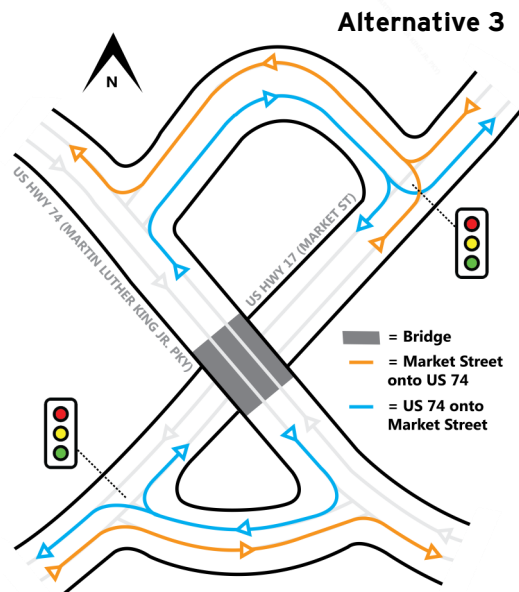
NCDOT is proposing **three alternatives** for the US 74 (Martin Luther King Jr. Parkway)/US 17 Business (Market Street) intersection modification (U-4902C).

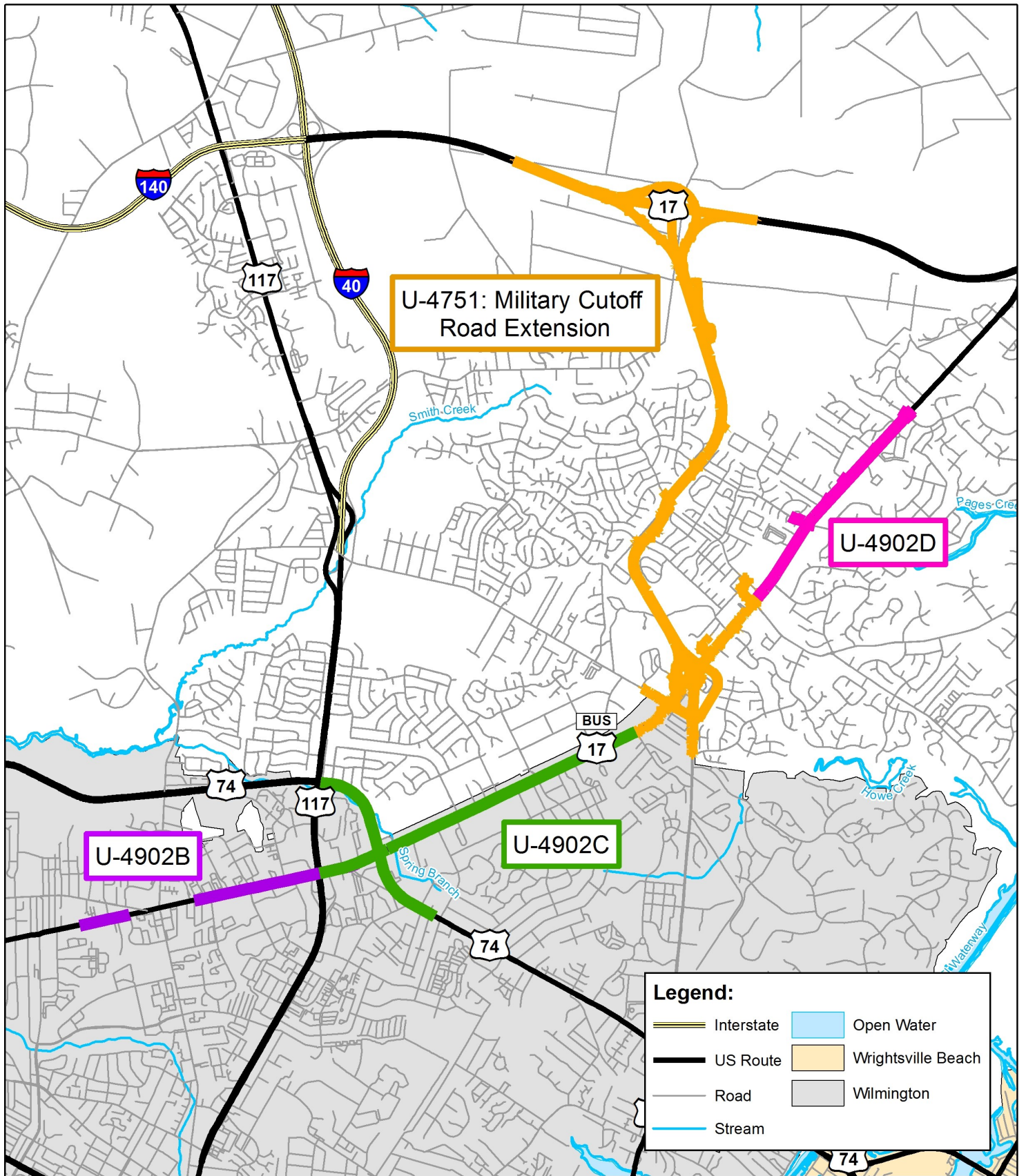
Alternative 1 (single point urban interchange) proposes bridging Martin Luther King Jr. Parkway over Market Street. This will provide unobstructed flow for Martin Luther King Jr. Parkway travelers north and south. All left and right turn movements at the current intersection will be maintained at the new intersection beneath the bridge.



Alternative 2 (at-grade quadrant intersection) proposes new intersections in the southwest and northeast quadrants. The current Martin Luther King Jr. Parkway/Market Street intersection will be maintained for through traffic traveling north and south on Martin Luther King Jr. Parkway and east and west on Market Street. This allows for reduced signal phase time and increased through movement. Travelers accessing Martin Luther King Jr. Parkway from Market Street will use the new roadway and intersection in the northeast quadrant. Travelers accessing Market Street from Martin Luther King Jr. Parkway will use the new roadway and intersection in the southwest quadrant.

Alternative 3 (grade separated quadrant intersection) proposes bridging Martin Luther King Jr. Parkway over Market Street with two new roadways in the southwest and northeast quadrants. The bridge will provide unobstructed flow for Martin Luther King Jr. Parkway travelers north and south and Market Street travelers east and west. Travelers accessing Martin Luther King Jr. Parkway from Market Street will use the new roadway and intersection in the northeast quadrant. Travelers accessing Market Street from Martin Luther King Jr. Parkway will use the new roadway and intersection in the southwest quadrant.





U-4751: Military Cutoff Road Extension

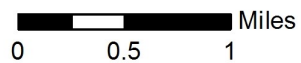
U-4902D

U-4902B

U-4902C

Legend:

	Interstate		Open Water
	US Route		Wrightsville Beach
	Road		Wilmington
	Stream		



Project Location Map

U.S. 17 Business (Market Street)
 Access Management Improvements
 New Hanover County

Additional Projects

STIP U-4902D: The project will convert the existing center turn lane on US 17 Business (Market Street) to a raised median from SR 1403 (Middle Sound Loop Road) to SR 2290 (Mendenhall Drive)/SR 2734 (Marsh Oaks Drive). STIP U-4902D will also include installation of traffic signal communication devices and traffic cameras at Porters Neck Drive.

STIP U-4751: The NCDOT's Military Cutoff Road (SR 1409) Extension (STIP U-4751) intersects US 17 Business (Market Street) between STIP U-4902C and U-4902D. STIP U-4751 includes a proposed new interchange with Market Street and continues on new location to the north for approximately 3.5 miles to a proposed new interchange with US 17 Wilmington Bypass (John Jay Burney Jr. Freeway). The U-4902C and U-4902D project limits account for the necessary tie-ins to the proposed new interchange at the south end of the Military Cutoff Road Extension project.

Visit the U-4751 Project Web Page for more information:

<http://www.ncdot.gov/projects/us17hampsteadbypass/>

Tentative Project Schedule & Estimated Costs

As project design continues to be refined, updated construction costs will be developed. The project schedule is subject to change and will be coordinated with other projects including the Military Cutoff Road Extension project (U-4751).

2018-2027 STIP Schedule and Estimated Costs

	U-4902B		U-4902C		U-4902D		Total Estimated Costs
	Fiscal Year	Cost	Fiscal Year	Cost	Fiscal Year	Cost	
Right of Way	2018	\$500,000	2016	\$125,000*	2016	\$250,000*	\$875,000
Construction	2021	\$3,400,000	2020	\$15,517,000	2019	\$6,000,000	\$61,950,000
	-	-	2021	\$15,516,000	2020	\$6,000,000	
	-	-	2022	\$15,517,000	-	-	

*Note: The project schedule is subject to change. The cost estimates are from the 2018-2027 STIP.
cost estimate from 2016-2025 STIP

What's next?

NCDOT will review public input and explore options to incorporate changes and address concerns. A summary of the post-meeting comments will be prepared and made available to the public.

For copies of the Public Meeting Maps, visit our public involvement website and search "U-4902" at:

<http://www.ncdot.gov/projects/publicmeetings/>