



# US 278 Widening Jenkins Island Improvement Project

Public Meeting  
May 23, 2017, 5:00 – 7:00 pm  
Hilton Head Island High School

# Introductions

- Beaufort County Elected Officials and Staff
- Project Team

# Project Purpose and Need

- To improve the operational efficiency of US 278 by improving the Level of Service at intersections
- To provide safe and efficient access to local communities with minimum disruption to through traffic along US 278



# Project Description

- Widen US 278 from four to six travel lanes across Jenkins Island
- Prohibit all left turns onto US 278
- Modify existing intersections using Restricted Crossing U-Turn Intersections
- Add two traffic signals



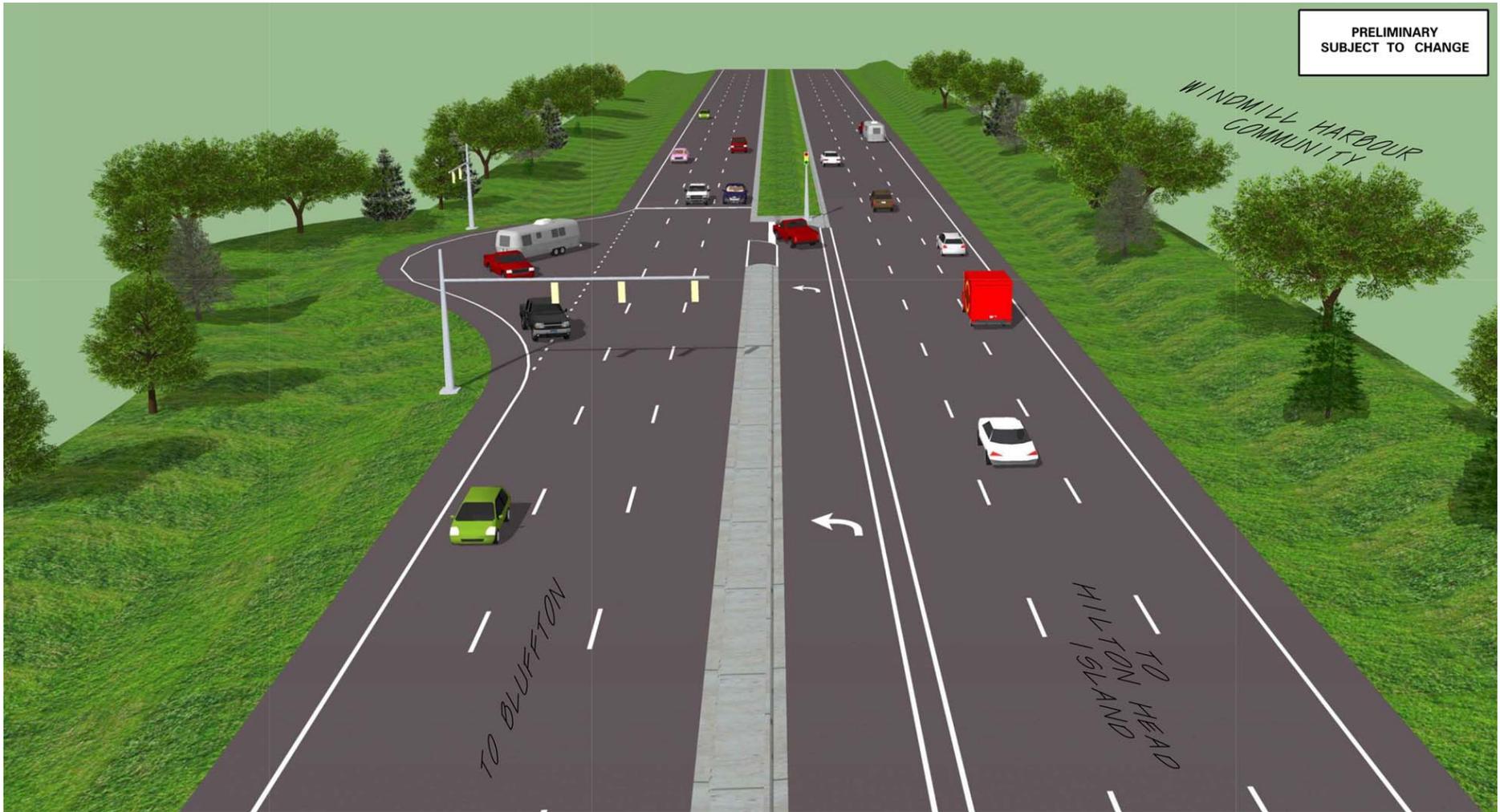
# Project Location



# Project Overview - Proposed Plan



# Project Overview - Typical Section



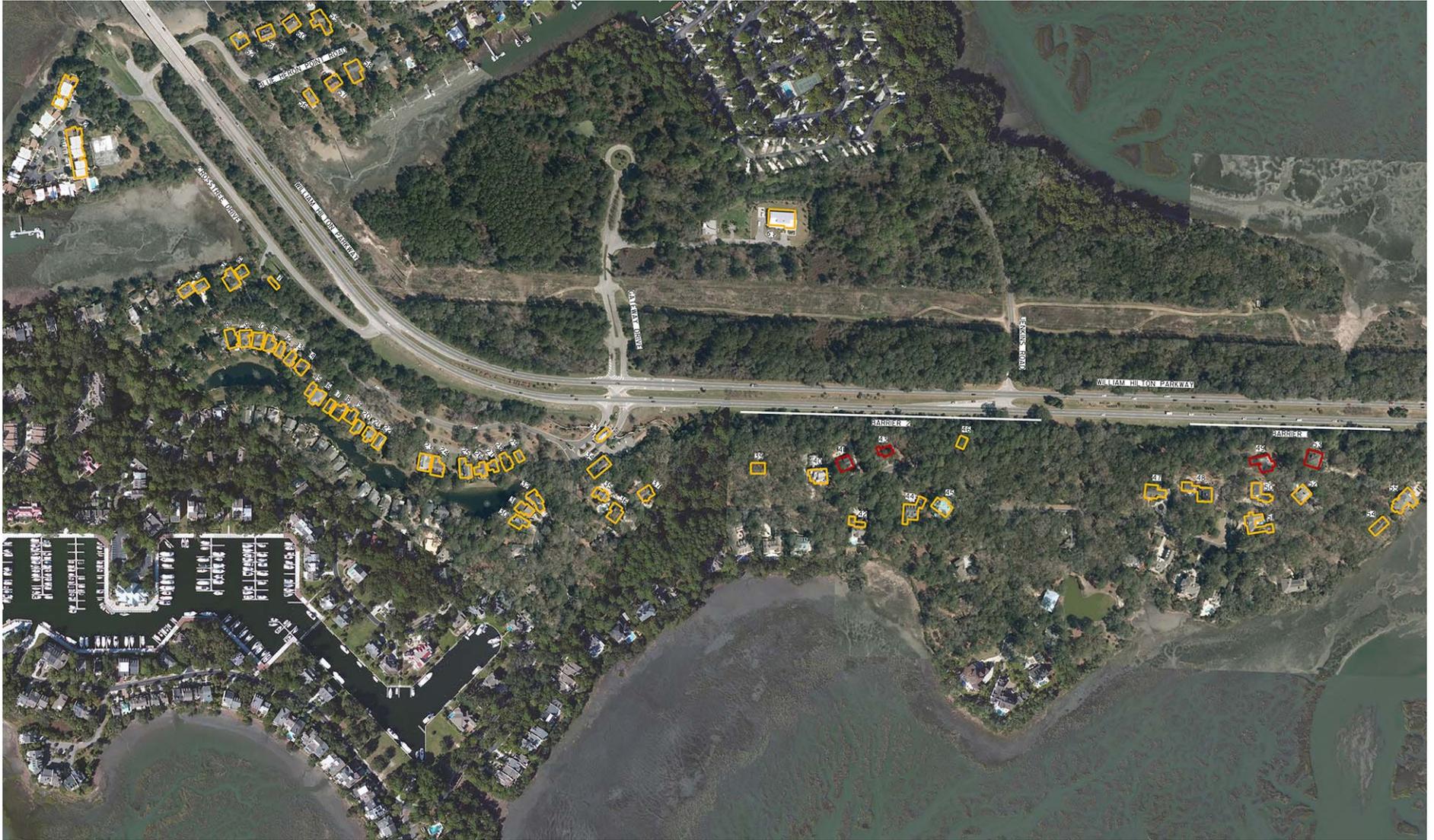
# Noise Analysis Process

1. Measure existing noise level
2. Compare field noise levels with modeled noise levels
3. If modeled results are within 3 decibels of the field noise levels then model is considered valid
4. Existing, future no-build, and build conditions are modeled
5. Traffic noise impacts occur when the predicted traffic noise levels approach or substantially exceed FHWA noise abatement criteria (NAC)
6. Barriers are analyzed for receivers impacted in the build condition

# Noise Study Results

<i>Alternatives</i>	<i>Impacted Receivers (Residential)</i>
Existing	3
2040 (No-Build)	3
2040 (Build)	4

# Noise Study Results



# Noise Study – Barrier Evaluation



	<i>Acoustically Feasible</i>	<i>Reasonable</i>
Barrier 1	Yes	No
Barrier 2	Yes	No

# Project Funding

- Initially included as priority project on 2016 Sales Tax Referendum
- County Council approved bonding plan for the design & construction of project for a total of \$7.4 million



# Proposed Project Schedule

Design and Permitting

Summer 2017

Begin Construction

Early 2018

Finish Construction

Late 2018 – Early 2019



# Stay Informed

## WEBSITE

Traffic & Transportation Engineering page  
on Beaufort County homepage

## EMAIL

Ben Lewis – Benjamin.Lewis@hdrinc.com

## PHONE

803.726.3614





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**Thank You!**