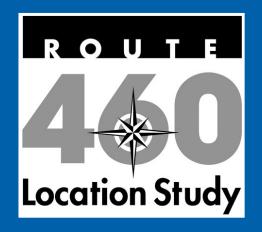




# **Route 460 Location Study**



### Richard Walton, Jr. Chief of Planning, Policy and the Environment

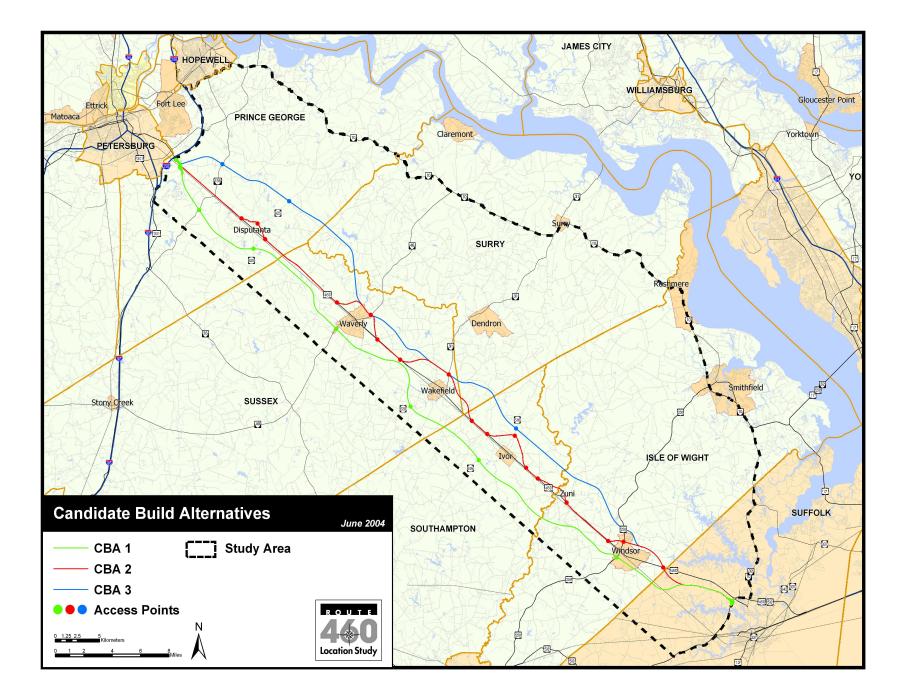


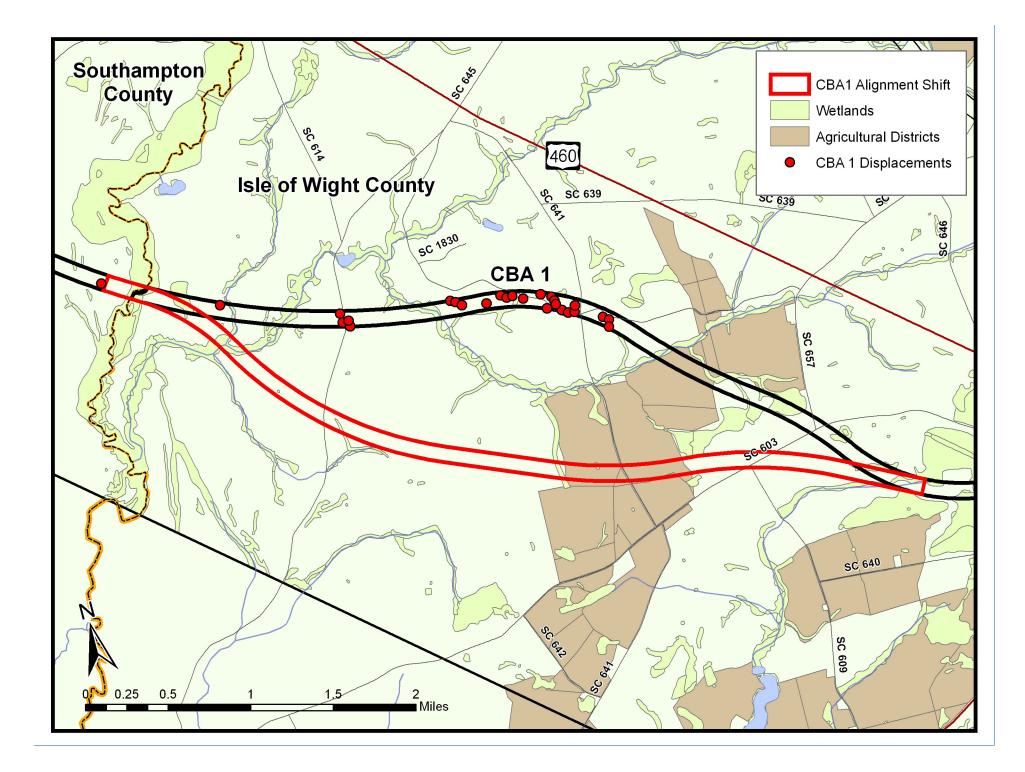
## **ROUTE 460 LOCATION STUDY**

- CTB approved CBA-1 as the location for improvements to Route 460, November 2005
- CTB directed the Department to further study an alignment shift in Isle of Wight County
- As a result of additional study, a modification to this location approval is proposed.



- Initial alignment developed to minimize impacts to Isle of Wight County Agricultural Districts
- Revised alignment increases
  Agricultural District impacts, but
  decreases other impacts and cost







# The shift reduces impacts to:

- Wetlands
- Streams
- Residences
- The shift increases impacts to:

- Agricultural Districts



### **Planning vs. Design Corridor Widths**

Planning Corridor (500 feet)

- Two Corridors Studied in DEIS
- Planning Corridor for Location Decision
- Design Corridor for illustrative purposes

Design Corridor (variable width)

Existing Route 460 (48 feet)



## **Impacts – Planning Corridor**

	Approved CBA 1	With Alignment Shift
Acres Wetlands	289	262
Displacements	96	71
Perennial stream impacts (If)	20,406	19,002
Acres Agricultural District	23	44



## Impacts – Design Corridor

	Approved CBA 1	With Alignment Shift
Acres Wetlands	138	129
Displacements	58	47
Perennial stream impacts (If)	11,529	10,932
Acres Agricultural District	10	20



#### ESTIMATED COSTS - 2005 DOLLARS

Candidate Build Alternative	Cost (millions)
CBA-1	\$1082
CBA-1 with shift	\$1044



Modify the previously approved location of the Route 460 improvements in the vicinity of the Mill Creek subdivision as described at the October 2005 workshop and shown on the map.

