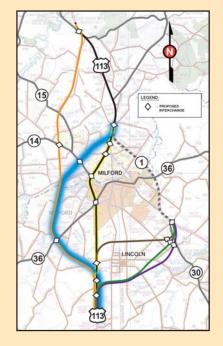


ALTERNATIVE RETAINED FOR DETAILED STUDY - BLUE ALTERNATIVE (WEST BYPASS)

113 US 113 North / South Study

DESCRIPTION OF THE BLUE ALTERNATIVE

The Blue Alternative begins on US 113 at Tub Mill Pond where it branches west over Mullet Run and Milford Harrington Highway. It continues southwestward where it crosses Williamsville Road at the Griffith Pond boat access, and then bridges Johnson Branch. It passes just over the western corner of Retreat at Hazard's Hill Subdivision, continues south over Abbotts Pond Road and turns east crossing Union Church Road and Fitzgerald Road before it ties back into US 113 at Clendaniel Road. Interchanges are proposed at US 113 south of Tub Mill Pond Road, Milford Harrington Highway, Shawnee Road and at US 113 south of Fitzgeralds Road.



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Advantages

No potential effect on wellhead protection areas
 Moderate impacts on agriculture

Disadvantages

Highest wetland impacts

- Impacts to highest quality wetlands along Johnson Branch
- Among greatest State Natural Area and Resource Area impacts
- Highest Waters of the US impacts
- Highest potential Federally-listed RTE impacts
- Swamp pink
 New bald eagle nest in the vicinity
- High forest land impacts
- High potential effect on excellent and good groundwater recharge areas

CULTURAL RESOURCES

NATURAL ENVIRONMENT

Advantages

- No direct impact to National Register of Historic Places architectural properties
- Moderate impact to areas with potential high sensitivity for later historic-period archeological resources

Disadvantages

- High potential indirect effect on National Register of Historic Places architectural properties (approximately 7 properties)
- High impact to areas with potential high and moderate sensitivity for prehistoric resources
- Highest impact to areas with high and moderate sensitivity for early historic-period archeological resources
- Impacts a known archeological site

COMMUNITY / ENGINEERING / TRAFFIC

Advantages

- Moderate length alternative
- Moderate cost alternative
- Moderate impact to existing businesses
- A low number of farm properties (5) would be acquired
- A moderate number of commercial properties (11) would be acquired
- No schools properties would be directly impacted
- Moderate number of existing residential properties (299) and farm properties (48) are within 900 feet of
- the Blue Alternative A low number of commercial properties access (4) and farm properties access (2) would be modified

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Disadvantages

• High number of existing communities (10) are within 900 feet of the Blue Alternative

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Kent County	Sussex County	
- Knotts Landing	- The Heath	- Hudson Mill
- Country Lake	- Stanley Manor	- Hudson Pond Acres
- Haven Lake Estates	- Lincoln Village	- The Retreat at Hazzards Hill
- Milford Crossing		(under construction)

- High number of property impacts
- High acres of property impacts
- Poor consistency with Livable Delaware
- First United Pentecostal Church and New Hope Baptist Church property are located within 900 feet
 of the Blue Alternative
- A high number of existing residential properties (59) would be acquired
- A manufactured housing community on Fitzgeralds Road would be acquired

February 2007



RESOURCE & REGULATORY AGENCY COMMENTS Because the West Bypass Alternatives directly impact more and higher quality natural resources, they are considered more environmentally damaging Alternatives than the East Bypass Alternatives. The environmental resource and regulatory agencies consider the East Bypass Alternatives preferable to the West Bypass Alternatives. The West Bypass Alternatives have more potential to affect historic buildings than do the East Bypass Alternatives. The West Bypass Alternatives have greater overall potential to affect archeological sites than do the Yellow (On-Alignment) and East Bypass Alternatives. **PUBLIC COMMENTS TO DATE** Little support to date by Working Group and the public for the Blue Alternative. **Comparison of Retained Alternatives** 8 (2.0%) 55 (14.0%) 46 (12.4%) 20 (4.1%) 26 (5.2%) 2 (0.4%) 5 (0.8%) 9 (2.2%) 24 (5.2%) 8 (2.1%) 6(1.5%) 6 (1.3%) 11 (2.0%) 0 (2.0%) 262 (86.3%) 42 20 (20.0)

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