

US 1/MD 201 Project Planning Study Alternatives Under Consideration – June 2007

- **Alternative 1 – No-Build**

The No-Build alternative consists of routine maintenance and spot improvements. Minor improvements would occur as part of the normal maintenance and safety operations. No improvements that would increase capacity would be included. It will serve as the basis for comparison for other alternatives.

- **Alternative 2 – TSM Improvements**

This alternative could include additional turn lanes, additional traffic signals or changes to signal phasing, and intersection improvements not specifically listed in other alternative descriptions. The intersections improved along US 1 would be Sunnyside Avenue, Rhode Island Avenue, MD 212 (Powder Mill Road), Muirkirk Meadows Drive, Contee Road, Cypress Street, and Cherry Lane. The intersections improved along MD 201 and Old Baltimore Pike would include Sunnyside Avenue, Powder Mill Road, Old Baltimore Pike, and Muirkirk Road.

This could also include improvements to US 1 such as adding a median where possible, and adding bicycle lanes, but maintaining the existing roadway where increased width would cause significant impacts to the adjoining businesses. The scope of these improvements has yet to be determined. This alternative will be included in each of the build alternatives.

- **Alternative 3 – US 1 Widening**

This alternative widens US 1 to six lanes with an eighteen-foot median and turn lanes at intersections. The widening is from Sunnyside Avenue north to Domer Street. A widened outside lane for bicyclists, sidewalks, and landscaping would also be included. This alternative also includes a western shift of the US 1 roadway to accommodate a potential third set of tracks on the CSX Rail Line. Intersection improvements along MD 201 and Old Baltimore Pike at Sunnyside Avenue, Powder Mill Road, Edmonston Avenue, and Muirkirk Road are also part of this alternative.

- **Alternative 4 East – MD 201**

This alternative widens/relocates MD 201 from Cherrywood Lane to north of Odell Road and then follows Old Baltimore Pike to Muirkirk Road. The widening of MD 201 would begin at Ivy Lane and run along existing MD 201 to Powder Mill Road and then curve east on new alignment just north of Powder Mill Road onto the BARC property behind the Vansville Community. It would then turn west crossing MD 201 and Old Baltimore Pike and then parallel MD 201 before merging into and running along Old Baltimore Pike to Muirkirk Road.

The typical section for the widening and relocation of MD 201 and Old Baltimore Pike would be four lanes with an eighteen-foot median, a sixteen-foot outside lane for bicycles, sidewalks, and landscaping.

- **Alternative 4 West – MD 201**

This alternative is the same as **Alternative 4 East** from Cherrywood Lane to north of Odell Road. From Odell Road, **Alternative 4 West** extends north running parallel and east of Indian Creek on structure crossing over US 1, 1,200 feet north of Ammendale Road, and then follows a right-of-way reservation to the Virginia Manor Road/Ritz Way intersection. From here it follows Virginia Manor Road through the proposed ICC interchange and then turns west connecting into proposed Contee Road.

Included in **Alternative 4 West** is the relocation and widening of Van Dusen Road from a T-Intersection with relocated Contee Road, north to Cherry Lane. The typical section for the widening and relocation of Virginia Manor Road and Van Dusen Road is the same as described in Alternative 4 East.

- **Alternative 5 East – US 1 and MD 201**

Alternative 5 East is a combination of **Alternative 4 East** and **Alternative 3**.

- **Alternative 5 West – US 1 and MD 201**

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