DEVELOPING THE BEST SOLUTIONS

Our goal is to develop the best and most cost-effective solutions that meet the project purpose and needs while avoiding and minimizing impacts to the human and natural environments. These are the types of conceptual alternatives that are being developed:

NO ACTION (NO BUILD) ALTERNATIVE

- No build would include all projects currently programmed in VDOT’s Six Year Improvement Program, which could include maintenance projects.
- Included in the studies as a base line for the comparison of future conditions and impacts.

HIGHWAY BUILD CONCEPTUAL ALTERNATIVES

A full range of highway build conceptual alternatives are being investigated. Investigations are focusing on:

- The number of lanes required to meet the needs of future traffic volumes projected for year 2040.
- The type of lanes including general purpose travel lanes, managed lanes, toll options and combinations of these options.
- The locations of lanes, that is widening to the inside, widening to the outside, and combinations of the two.
- The types and locations of managed lanes such as High Occupancy Toll (HOT) lanes, High Occupancy Vehicle (HOV) lanes, express toll lanes and full toll lanes.

TRANSPORTATION SYSTEMS MANAGEMENT (TSM)/TRAVEL DEMAND MANAGEMENT (TDM)

- Involves only minor work to the existing I-64 corridor.
- TSM projects improve traffic flow, improve signalization, implement high occupancy vehicle lanes, improve intersections, and implement traveler information programs.
- TDM encourages new driving habits through staggered commuting hours, telecommuting, car and vanpooling, ridesharing, and the creation of park and ride facilities.