



Phase 2 of Bridge Construction

Phase 1 of Bridge Construction

**DESIGN LEGEND**

-  TRAFFIC FLOW - PHASE 1 OF BRIDGE CONSTRUCTION
-  TRAFFIC FLOW - PHASE 2 OF BRIDGE CONSTRUCTION
-  TRAFFIC FLOW - GENERAL
-  PHASE 1 - TRAFFIC ON TEMPORARILY WIDENED PAVEMENT
-  PHASE 2 - TRAFFIC ON NEW BRIDGE AND/OR TEMP. PAVEMENT

*\* Shaded areas do not represent limits of construction impacts*

**BENEFITS OF BRIDGE CONSTRUCTION WITH TEMPORARY WIDENING**

- Traffic will be maintained on East Elden Street during construction
- General traffic patterns between Herndon Parkway and Fairfax County Parkway can be maintained

**CONCERNS WITH BRIDGE CONSTRUCTION WITH TEMPORARY WIDENING**

- Significant increases in cost and time for construction due to phasing of bridge construction
  - A significant amount of temporary shoring will be required due to excavation and changes to roadway profile
- Construction will be in close proximity to traffic and buildings/parking at the Herndon Pkwy. intersection
- Additional impact to adjacent parcels, including tree loss, are anticipated

NOTE: Option 1 and Option 2 are still under evaluation.

**Option 1**  
**Bridge Construction with**  
**Temporary Widening**  
**East Elden Street Widening**

VDOT PROJECT: U000-235-110 - UPC 50100  
 October 27, 2016  
 Conceptual Plan - Not to Scale