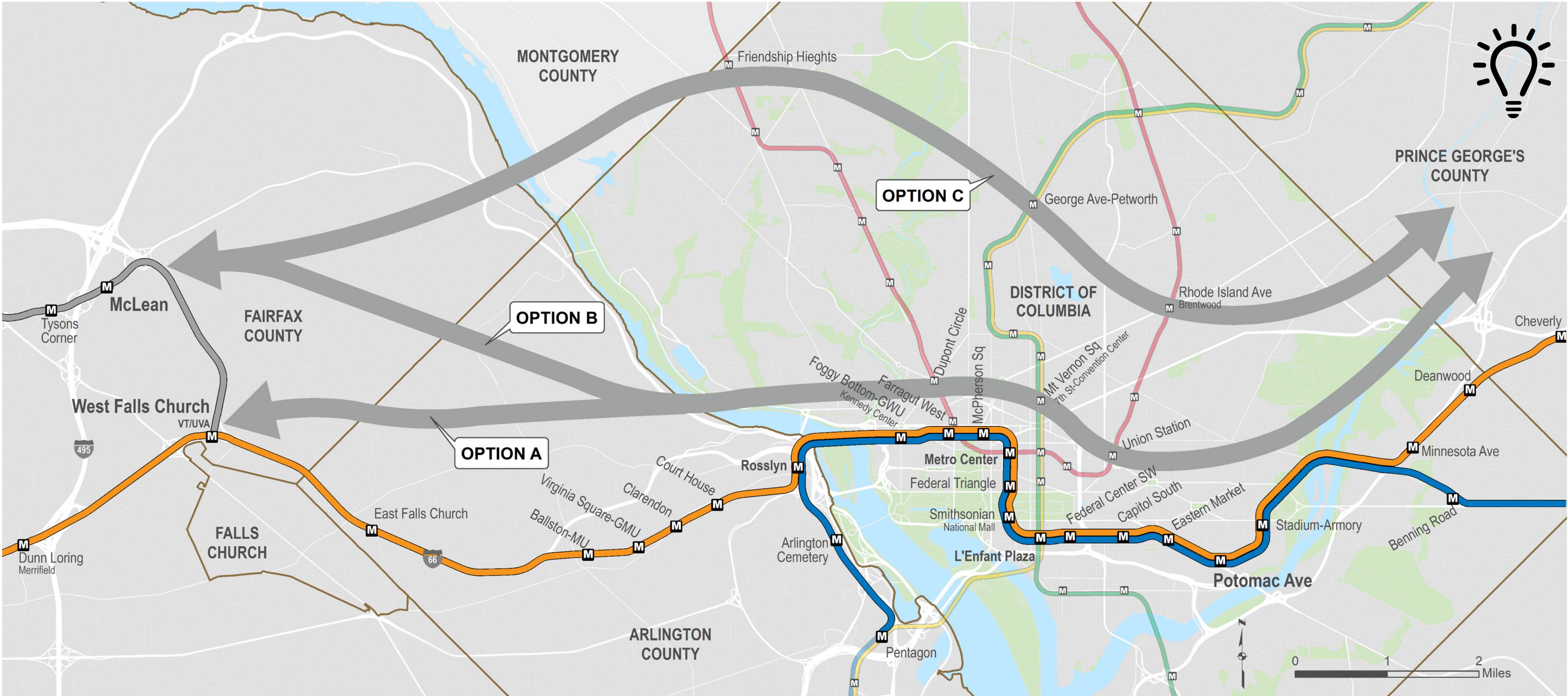




CONCEPT #5: NEW SILVER LINE CONNECTIONS, NORTH OF I-66



Concept: Provide new Silver Line service through a new tunnel under the Potomac River into DC and Maryland, north of I-66.

A new tunnel under the Potomac River would provide a new Silver Line “corridor” north of I-66 that could operate as local service, express service or a mix, with different service options:

- Option A: Operate new Silver Line service between West Falls Church, Mid-City DC, Union Station, Northeast DC and Prince George’s County.
- Option B: Similar to Option A, but Silver Line service would operate from McLean instead of West Falls Church.
- Option C: Operate new Silver Line service between Tysons, Bethesda or Friendship Heights, northern DC and Prince George’s County.

Benefits and Trade-offs

- All three options would provide a new rail line (capacity and service) between VA, DC, and MD and allow for more frequent service on the existing Orange and Blue lines.
- All three options would separate the three lines, ensuring that incidents and delays on the Blue Line would not impact Orange/Silver service and vice-versa.
- Options A and B would provide more direct service between Dulles, Tysons, DC, and MD.
- Option C would provide a transit alternative to congested highways.
- Option C would provide customers an opportunity to reduce the number of transfers to the Red Line, reducing crowding in Orange and Silver trains and stations.
- Option C may attract new ridership and transit-oriented development, but may be too far north to address transit travel needs on the BOS lines.

BL/OR/SV Goals		How This Concept Addresses Goals
 Capacity		✓ Creates new capacity/ service across the Potomac River, through DC, MD, and VA
 Reliability		✓ Removes one Metrorail line from the existing Rosslyn Tunnel so incidents on one line won’t impact all three
 Flexibility		✗
 Sustainability		✓ Provides a competitive travel option for congested highways; expands access to transit service and economic opportunity; supports transit-oriented development

Estimated Completion Timeline: **20 - 25 Years**
Construction Cost: **High**