

Route Segment Comparison Chart

	Potomac Ave. (Glebe-Potomac River Project)	Route 1 (Rebuild Alternative)
City	<p>Relocation of Potomac Yards terminal station, pending SCC approval</p> <p>Ability to add conduit for fiber, installed in duct bank</p> <p>Compensation for City real estate</p> <p>Improvements at Potomac River Substation</p>	<p>Relocation of Potomac Yards terminal station, pending SCC approval</p>
Construction	<p>Total project duration – approximately 3 years (**In street open trench-Potomac Ave. 9 months to 1 year. Massey Lane 4 to 6 months)*</p> <p>** = Can Run Concurrent</p> <p>* = Based on five 8 hour days</p> <p>Open trench offers flexibility for alignment, schedule and work hours</p> <p>No seasonal transmission outages required for new line</p> <p>New easement required</p> <p>No buildings, no large trees allowed within easement</p>	<p>Total project duration – approximately 3 to 4 years (In street work zone disruptions – Route 1 – Two to three years for both circuits. Holland Lane to N. Alexandria Sub 12-18 months)*</p> <p>* = Based on five 8 hour days</p> <p>No flexibility on construction method</p> <p>Seasonal transmission outages required</p> <p>Existing right of way</p> <p>Unknown condition of 20-30 year old existing infrastructure, e.g. conduit damage may require excavation</p> <p>Double work in construction area, one circuit replaced at a time</p>
Community	<p>Traffic Impacts/Lane closure</p> <p>Temporary impacts to nearby recreation areas, sidewalks, landscaping</p>	<p>Traffic Impacts/Lane closure</p> <p>Temporary impacts to dog park, sidewalks, landscaping, commercial business entrances</p>
Reliability	<p>Resolves NERC criteria violation – maintains reliable service to customers in area</p> <p>New 230 kV source into the area</p> <p>Resiliency benefits</p>	<p>Resolves NERC criteria violation – maintains reliable service to customers in area</p>