

# Toll 49 Segment 6 Route Options Feasibility Study

## EVALUATION CRITERIA



SEPTEMBER 26, 2019

### ORIGINAL CRITERIA

#### *Enhance Accessibility and Mobility*

1. Length of route option in miles
2. Percentage of facility on new location roadway
3. Number of intersections at federal and state highways
4. Number of first responders and hospitals within five miles of each route option
5. Number of curve radii below desired radius

#### *Minimize Impacts to the Community and Natural Environment*

6. Number of parcels crossed by right-of-way (ROW)
7. Number of divided (bisected) parcels
8. Potential residential displacements (residences within ROW)
9. Potential for indirect effects (visual and noise) to residences, schools, parks, and cemeteries within 500 ft of the ROW
10. Population density along the route
11. Number of environmental justice communities crossed
12. Number of creek crossings
13. Floodplain acreage within ROW
14. Acreage of National Wetlands Inventory (NWI) polygons within ROW
15. Number of water wells within ROW
16. Number of parks, schools, cemeteries, and other community resources within the ROW
17. Number of schools within 1 mile of each route

#### *Support Economic Development*

18. Number of businesses displaced within the ROW
19. Number of active oil and gas wells displaced within the ROW
20. Number of inactive oil and gas wells displaced within the ROW
21. Number of cell towers and electric substations within the ROW
22. Number of employment centers within 1 mile of each route

### ADDITIONAL CRITERIA

- Public preference (based on online survey available June 4-19, 2019)
- Overall estimated cost (includes construction, right-of-way acquisition, oil and gas well impacts) in millions
- Average annual daily traffic (estimated)