

Guiding Principles and Evaluation Measures Schedule of Results December 4, 2008

Any solution to the Alaskan Way Viaduct and Seawall is to be grounded in the city, state and county's recognition of, commitment to and integration across a set of six guiding principles.

1. <i>Improve public safety.</i> Replacing the viaduct is an urgent public safety issue. Any solution to the Alaskan Way Viaduct must improve public safety for current viaduct users and along the central waterfront.	
✓	1.1 Evaluate seismic performance of SR 99 and the seawall.
✓	1.2 Assess safety performance for users of all modes of travel.
2. <i>Provide efficient movement of people and goods now and in the future.</i> Any solution to the Alaskan Way Viaduct must optimize the ability to move people and goods today and in the future in and through Seattle in an efficient manner, including access to businesses, port and rail facilities during and after construction.	
✓	2.1 Measure person throughput to and through the Center City.
✓	2.2 Measure travel times for general purpose traffic for representative trips to and through the Center City.
✓	2.3 Measure travel times for freight for representative trips to and through the Center City, including to port facilities and industrial areas.
✓	2.4 Evaluate changes in parking and loading access to the central waterfront and other impacted business districts.
✓	2.5 Evaluate transit speed, capacity, and travel time.
✓	2.6 Measure change in share of trips made by transit, carpool, bicycle, or foot.
✓	2.7 Measure quantity, capacity and quality of access to and connections among Center City neighborhoods.
✓	2.8 Measure directness, capacity, reliability, and quality of access to port facilities, rail yards, and industrial centers.
✓	2.9 Assess changes to bicycle connectivity in the Center City.
3. <i>Maintain or improve downtown Seattle, regional, the port and state economies.</i> Any solution to the Alaskan Way Viaduct must sustain the city, region, port and state's economic vitality during and after construction.	
✓	3.1 Assess long-term economic implications, based on the level of investment in the transportation infrastructure and changes to the following: <ul style="list-style-type: none"> • Urban amenities and attractiveness of the central waterfront. • Environmental quality of the central waterfront. • Transportation access and user costs for travel to and through the central waterfront and greater Central City.

✓	3.2 Assess short term economic implications during the construction period based on displacements, changes in access over time and disruptions, noise, vibration and other environmental consequences of the construction activities.
4. <i>Enhance Seattle’s waterfront, downtown and adjacent neighborhoods as a place for people.</i> Any solution to the Alaskan Way Viaduct must augment Seattle’s reputation as a world-class destination.	
✓	4.1 Evaluate open space opportunities.
✓	4.2 Evaluate pedestrian connectivity and barriers between the waterfront and other key downtown destinations.
✓	4.3 Measure shadowing and view blocking impacts.
✓	4.4 Assess changes in bicycle and pedestrian environment throughout Center City, including impacts of traffic volumes, traffic management changes, duration of construction, speeds, and air pollution.
✓	4.5 Assess changes in traffic noise levels on the waterfront and in adjacent Center City neighborhoods.
✓	4.6 Assess transit access to and on the waterfront.
✓	4.7 Assess impacts on historic structures and districts.
5. <i>Create solutions that are fiscally responsible.</i> Any solution to the Alaskan Way Viaduct must make wise and efficient use of taxpayer dollars. The state’s contribution to the project is not to exceed \$2.8 billion in 2012 dollars.	
✓	5.1 Estimate capital cost and operating costs.
✓	5.2 Identify available and potential funding and impacts to the State of Washington’s bond rating.
✓	5.3 Compare the design life of the proposed SR 99 and seawall improvements.
6. <i>Improve the health of the environment.</i> Any solution to the Alaskan Way Viaduct must demonstrate environmental leadership, with a particular emphasis on supporting local, regional and state climate change, water quality and Puget Sound recovery initiatives.	
✓	6.1 Assess changes in air quality.
✓	6.2 Assess changes in carbon footprint.
✓	6.3 Estimate change in pollutants from storm water runoff into water bodies.
✓	6.4 Assess opportunities to improve near-shore habitat.

