

ATTACHMENT 7C.2

June 21, 2019	GOALS →		ECONOMIC VITALITY			SUSTAINABILITY -- EQUITY, COMMUNITY & ENVIRONMENTAL			CONNECTIVITY & ACCESSIBILITY			SAFETY, RESILIENCY & INNOVATION		
	OBJECTIVES →		Support regional growth and productivity	Support efficient freight movement	Support accessibility for tourism	Improve the sustainability of communities through increased housing choice and reduced auto-dependency	Ensure that mobility benefits positively affect low income residents	Minimize the environmental impact of future growth and transportation	Improve connectivity and reliability between the Peninsula and Southside	Improve connectivity and access for all	Reduce delay and improve travel efficiency	Improve safety through a more adaptive transportation network	Make investments that improve flood resiliency	Consider the impacts of technology on system demand and performance
Performance Measures ↓	Scenario Measure	Candidate Project Measure												
(Change in) Lost productivity from delay	■	■	✓						✓	✓				
(Economic impact of change in) Labor market accessibility	■	■	✓						✓	✓	✓			
Performance on the freight network - total delay + spatial results	■			✓					✓		✓			
Change in hours of delay on freight network		■		✓					✓		✓			
Economic impact of change in delay and reliability on the freight network		■		✓										
(Change in) Percent of freight traffic on secondary streets - total + spatial	■	■		✓				✓				✓		
Traffic volumes at at-grade rail crossings		■						✓			✓	✓		
(Change in) Accessibility to major tourist attractions	■	■			✓									
Percent of population in multi-family housing	■				✓									
(Change in) Mode share index	■	■			✓									
(Change in) Transit ridership	■	■			✓									
Percent of growth near key destinations	■				✓									
Average trip length by purpose		■			✓					✓	✓			
Percent of jobs/pop within (15 min) drive time to airport or Amtrak station	■	■			✓					✓				
Ratio of user costs for low income travelers to all user costs (ratio of savings)	■	■					✓							
Low income household access to employment	■	■					✓							
Percent of growth near transit stops	■				✓	✓	✓							
Percent of growth in urban place types	■						✓							
(Change in) cost of emissions	■	■						✓						
Percent of growth on formerly undeveloped land (per 2016 Land Cover Data)	■							✓						
(Change in) Delay on cross-harbor trips [time and dollar value]	■	■							✓		✓			
(Change in) Circuity of cross-harbor trips	■	■							✓		✓			

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(Change in) Reliability for cross-harbor trips [time and dollar value]	■	■						✓							
(Change in) Cross-harbor accessibility								✓	✓						
(Change in) Multimodal accessibility to jobs	■	■							✓						
(Change in) Accessibility index by mode	■	■							✓						
Performance of the transit-serving roadway network [i.e., average speed]	■	■							✓						
(Change in) Regional delay [total + spatial]	■	■								✓					
System reliability	■									✓					
Reliability cost savings		■								✓					
(Change in) User cost	■	■				✓				✓					
Bottlenecks on identified priority military routes		■	✓							✓					
Bottlenecks on identified evacuation routes (daily peak conditions)		■								✓					
Cost of forecasted crashes	■	■									✓				
Percent of trips by automated vehicles	■										✓				
(Change in) Percent of travel using facilities with adaptive technologies [e.g., V2I, ITS]	■	■									✓				
Percent of growth near flood-prone areas	■											✓			
(Change in) Transportation network impact from flood-prone conditions [e.g., delay, trip length, and/or circuitry]	■	■										✓			
Reliability enhancement from technology	■												✓		
Induced trip demand from technology	■												✓		