EXECUTIVE WORK GROUP

Welcome to our online meeting!

• Choose your phone or computer speakers/microphone for audio. If you use your phone, be sure to mute your computer speakers to prevent sound feedback when you speak.

• Everyone will be muted at the start of the call and when not speaking.

• If you experience technical difficulties, call or text Ray at 253.241.0131, and he will get to you as soon as possible. Thanks!
Meeting Agenda

1:00 – Welcome

1:05 – EIS Schedule Updates

1:30 – EIS Technical Analyses – Methodology Review and Discussion
  • Transportation
  • Air Quality and Odor
  • Visual Quality
  • Sea Level Rise and Climate Change
  • Public Services and Utilities

2:20 – EIS Technical Analyses – Updates

2:45 – Round-Table Feedback

2:50 – Public Comment

3:00 – Adjourn

This meeting will be recorded and posted on the project website
Using Zoom

Your screen should look like this. The meeting slides will appear in the main window, with video to the side in “gallery mode.”
Project Schedule and Process Update

Environmental Impact Statement (EIS)
- Scoping
  - May 2020
  - Public Notice Issued
  - Review: Public, Community, and Federal Scope of EIS
- Technical Evaluation, Alternatives Analysis, and Draft EIS
  - May 2020
  - Scoping Process
- Final EIS
  - October 2021
  - Final EIS Issued
  - Public Comment Period

Work Group Engagement
- Executive Work Group (EWG)
- Technical Work Group (TWG)
- Funding & Governance Work Group (FGWG)
- Work Group Meetings are open to the public.
- Additional details on the FSWG process is provided in the FSWG Process Map.

Environmental Impact Statement (EIS)
- As-Needed Coordination with Agencies to Streamline Future Permitting

Decision-Making Bodies Engaged by Enterprise Services
- Capitol Campus Design Advisory Committee (CCDAC)
- State Capital Committee (SCC)
- Legislative
- Legislative Briefings & OPM/Governor’s Office Briefings

Community Engagement
- Community Sounding Board (CSB) participants selected to represent diverse community perspectives.
- CSB meetings are open to the public.

Legend
- Meeting
- Milestone
- Per Supplemental Funding Proposal

Notes:
- For more information, please visit capsule.deschutesestuary.org
- Email: info@capitollake.deschutesestuary.org
- Meeting materials, including videos of the EWG meetings, are available on the project website.
- The Washington State Department of Enterprise Services assures full compliance with Title VI of the Civil Rights Act of 1964 by prohibiting discrimination against any person in its programs and activities on the basis of race, color, national origin, sex, or severity of disability.
- For questions or to request special accommodations, please call (509) 458-0500, 30 days prior to meetings.
- If TDD users, please use the relay service to call 711. Service animals are welcome at all meetings.

May 2020 (red indicates update from November 2019 version)
Field Work Update

- Bathymetric survey of Capitol Lake Basin completed in January 2020
- Sediment sampling in Middle and North Basins completed in March 2020
Transportation – Study Area

- Includes multi-modal surface transportation facilities that would be affected by construction or operation of the project alternatives.
- Extends from Deschutes Pkwy SW / West Bay Dr NW to the west, Plum St SE / Capitol Blvd to the east, and Custer way SW to the south.
Transportation — Methodology

- Review existing transportation plans, reports, and policy documents
- Inventory the multimodal transportation network in the study area
- Conduct planning-level assessment of construction impacts to the transportation network and parking facilities
  - Estuary and Hybrid alternatives analysis will be more detailed to assess potential construction impacts from 5th Avenue Bridge removal and reroute
- Conduct planning-level assessment of potential impacts or benefits to pedestrians, bicycle, transit, freight, and automobile travel after construction
Transportation – Analysis of Impacts

- Analysis of Construction Impacts
  - Temporary closure of streets, lanes, sidewalks, or bike facilities
  - Truck trips and construction worker commute trips/parking generated by construction

- Analysis of Operational Impacts or Benefits
  - Effects of permanent changes to streets, lanes, sidewalks, or bike facilities
  - Trip generation and parking impacts generated by the constructed alternatives

- Identify planning-level mitigation measures, to be refined during project design and permitting
The air quality study area corresponds to the general project area and is driven by the geographic scope of construction and operational air emissions. The odor study area focuses on areas of potential odor emissions resulting from the project.
Air Quality and Odor — Analysis of Exiting Conditions

Air Quality

• Atmospheric emissions from project-related sources are not expected to occur for existing conditions
• The state of the air quality for the study region is based on the current EPA attainment designation

Odor

• Odor emissions from project-related sources are not expected under existing conditions
• The state of the odor environment will be determined through a review of the most recent 5 years of odor complaint records for the Olympia area
  o This will be tabulated and summarized to contextualize the baseline odor environment
Air Quality and Odor — Analysis of Impacts

Air Quality

- Emissions will be calculated for construction and operational activities for each alternative using the EPA’s Motor Vehicle Emission Simulator (MOVES) model.
- The impacts of these emissions will be determined by comparing the emission totals to the EPA’s general conformity de minimis thresholds.

Odor

- Odor emissions will be calculated from the intertidal zone exposure for each alternative on a square meter basis.
- Odor rates per square meter will be quantitatively compared to the odor emission rates of more typical odor sources (e.g., wastewater treatment plants, compost facilities).
- The odor character and hedonic tone (i.e., pleasantness) will be qualitatively discussed and contrasted against other common odor sources.
Visual Resources Methodology — Study Area
Visual Resources — Analysis of Existing Conditions

- Relies on current aerial imagery, topo data (GIS/mapping, literature, etc.)
- Supplement existing data with site reconnaissance, photos, viewshed analysis
- Rely on existing park plans and comprehensive plan policies for visual resource values and preferences
- Map areas with different viewer types (e.g., parks and public viewpoints, scenic roadways, residential areas, downtown commercial, etc.)
Visual Resources — Analysis of Impacts

Changes to the character of water views

- Potential impacts and benefits will be determined by examining changes from open water to estuary with mudflats, and the addition of in-water structures

Changes to availability of views

- Changes to vegetation will likely obstruct some open-water views, while new walkways will add access to new views

Analysis will be informed by

- Visual simulations from key locations, including high and low tidal conditions
- Duration, frequency, extent, and sensitivity of viewer experience at various locations
Visual Resources — Analysis of Impacts

- Visual simulations will be developed at three locations
- Community Sounding Board helped to identify three locations, focusing on areas of potential greatest change
- High and low tides will be simulated for the North and Middle Basins
- EIS will include photographs of Marathon Park, South Basin, and other locations and will describe anticipated visual change
Sea Level Rise and Climate Change — Study Area

- The study area for potential impacts from SLR and climate change on the project alternatives is defined as the project area.
- The study area for the potential for SLR and other climate change effects to exacerbate or alleviate impacts of the project on other resource areas is equivalent to the study areas set for those specific resource areas.
Sea Level Rise and Climate Change – Methodology

Sea Level Rise Scenario
• 2 feet of sea level rise
  o Range of years in which this may occur
  o Project time horizon
  o Consistency with City of Olympia SLR Response Plan

Analysis Questions
• Does the Build Alternative exacerbate impacts of SLR and other climate change impacts on the natural and built environment over the No Action Alternative?
• How resilient or vulnerable is the Build Alternative to the effects of SLR and other climate change effects?
• How does the Build Alternative mitigate potential impacts?
Sea Level Rise and Climate Change — Analysis of Impacts

Natural Environment

- Habitat Transition
  - Quantity & quality of different habitats
  - Access
- Erosion & sedimentation
- Groundwater
- Water quality

Built Environment

- Infrastructure
  - Stormwater/drainage
  - Berms
  - Roads & trails
  - Tide gate operation
- Inundation
  - Marathon Park
  - Heritage Park
  - Other
- Erosion
Public Services & Utilities — Study Area

- Includes public services and utilities that would be affected by construction or operation of the project alternatives
- Includes the project area and area immediately surrounding the project area, and includes all potential staging and construction areas
Public Services & Utilities — Methodology

- Confirm public services and utilities within the study area
  - Utilize existing planning document, GIS data, and other information provided by utility providers to determine location of facilities and how they correspond with the project area and construction areas of the alternatives

- Conduct planning-level assessment of construction impacts to the public services and utilities
  - Impact analysis based on conceptual design developed for the EIS
  - More detailed assessment of potential impacts from 5th Avenue Bridge removal and reroute during construction of Estuary and Hybrid Alternatives

- Conduct planning-level assessment of potential impacts or benefits to public services and utilities after construction
Public Services & Utilities — Analysis of Impacts

Analysis of Construction Impacts
- Impaired access for public services (related to temporary road closures)
- Conflict with utilities (potential for proposed construction activities to require relocations)
- Temporary service interruptions (potential for relocations or other disruptions to cause interruptions)
- Coordination with utility providers during final design

Analysis of Operational Impacts or Benefits
- Increased demands on public services and utilities
- Potential risks to public services and utilities (related to any changes in flooding extent)

Identify planning-level mitigation measures, to be refined during project design and permitting
Recreation Assumptions to be evaluated in the EIS

Boating
- Non-motorized boating assumed for all alternatives (e.g., kayaks)
- Motorized boating not supported
- Hand-carried boat launch established in Marathon Park with decontamination station
- Decontamination station would also be provided at Tumwater Historic Park

Fishing
- Fishing assumed for all alternatives
- Fishing pier at Interpretive Park (near I-5) would be rebuilt
- Decontamination station would also be provided at Interpretive Park
Recreation Assumptions to be evaluated in the EIS

Swimming

- Swimming facilities are not included under any alternative
- Consistent with CLAMP stakeholder and community coordination
- Point and non-point discharges, periodic spills (oil, sewage), and other factors make Capitol Lake unsuitable for swimming
  - These factors would not change as a result of the project
  - Thurston County Public Health has not changed their position on suitability
- Project actions to improve water quality and ecological functions would promote conditions that may be more conducive to swimming
- In the future, if supported by water quality conditions, swimming facilities could be constructed
  - Stakeholder interest and separate environmental review would be required
Feasibility of a Freshwater Reflecting Pool – Hybrid Alternative

- To maintain a reasonable flushing rate for water quality, 30 – 38 million gallons of water would be needed every day
  - 5 times the daily municipal water use in Olympia
- Reclaimed water from LOTT is already allocated – not feasible
- Water rights for groundwater are not guaranteed – unknown feasibility
  - Would require aquifer drawdown test to evaluate potential impairment to groundwater rights upstream and effects to surface water higher in the system
  - Would require public interest test to evaluate public benefit versus potential impacts
- These tests would have to be completed to determine feasibility
  - Increasing project budget with potential demonstration of infeasibility
  - Even if concept is found to be feasible, there is no known jurisdictional support for swimming
  - Therefore, additional feasibility tests will not be conducted as part of the EIS
What is Pre-Decisional Information?

Pre-decisional information:
- Modeling
- Field work
- Technical analyses
- Draft documents
- Other data

This information may eventually contribute to a project decision—like selection of a preferred alternative.

Pre-decisional information cannot be shared:
- Protect integrity of the EIS process
- Avoid reaching conclusions without all relevant information
Questions?