Floating Bridge Elevations

EAST APPROACH

LOWRISE LONGITUDINAL PONTOONS

WEST APPROACH
## Overview

- Floating bridge assembly
- Pontoon construction
- Approach/transition spans
- Maintenance facility

### Materials and Detailing

- Lighting, railing, and interpretive signage

### Construction

- Pontoon construction
- Floating bridge assembly
- Approach/transition spans
- Maintenance facility
- Decommission existing bridge

### RFP

- RFP issued
- Begin construction

### Design

- Structural elements
- Materials and detailing
- Lighting, railing, and interpretive signage
- Construction documents

### Diagram

| Year | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 2011 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 2012 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 2013 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 2014 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 2015 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

- NTP (Not to be projected)
- Target to open to traffic

---

**DRAFT - Floating Bridge Schedule**

October 2011
WSDOT Sustainability Priorities in the RFP:
- Reducing greenhouse gas emissions
- Reusing and recycling materials
- Using existing industrial facilities or Brownfield sites
- Minimizing aquatic impacts
- Measuring, monitoring and reporting results

KGM Proposal Includes:

Reducing Greenhouse Gas Emissions by:
- Developing a more efficient design that utilizes less materials
- Reducing truck trips or length of trips
- Minimizing tug boat trips
- Incorporating energy-efficient equipment as much as possible
- Implementing employee commute trip reduction (CTR) programs

Minimizing, reusing and recycling materials by:
- Developing designs that minimize pilings and other materials
- Reusing and recycling materials to avoid landfills
- Incorporating recycled materials into the project
- Decommissioning the floating bridge instead of demolishing it
- Using industrial sites/Brownfield facilities for pre-cast elements and other off-site construction needs

Minimizing aquatic impacts by:
- Reducing amount of water used during construction
- Minimizing permanent lakebed disturbance
- Minimizing shading near eastern shore
- Improving water quality with enhanced groundwater infiltration and enhanced stormwater treatment

Measuring, monitoring, and reporting results by:
- Working closely with WSDOT sustainability manager to develop effective/quantifiable measures and a verifiable monitoring system
- Coordinating with WSDOT to report results of the sustainability measures