

Open House June 3, 2014



SDOT's mission & vision

Mission: delivering a first-rate transportation system for Seattle.

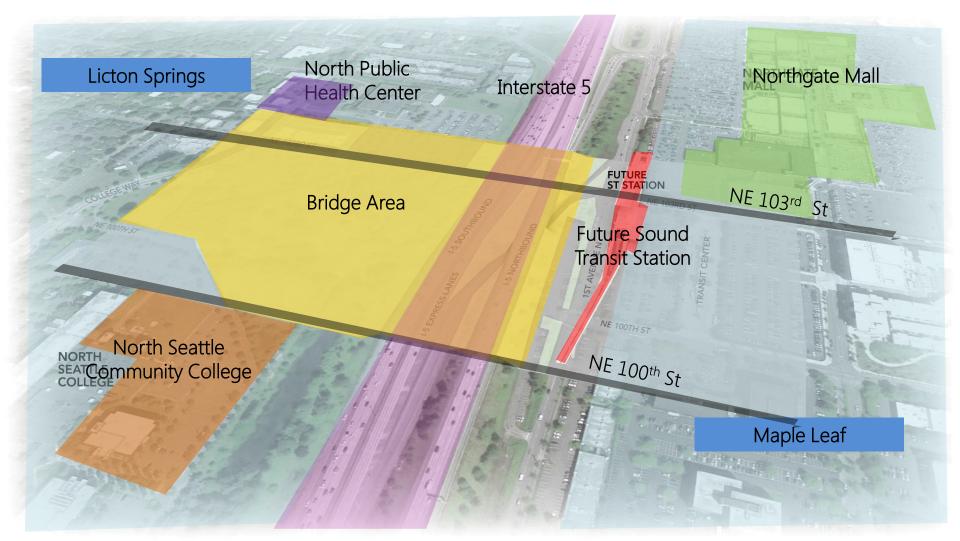


Vision: a vibrant Seattle with connected people, places, and products.

SDOT's values



Site and Context





Project Need

- I-5 is a barrier separating the communities on the east and west sides.
- The project will create improved connections to major transit investments, education facilities, retail centers and reconnect the community.



Project Benefits

- The project benefits Northgate neighborhoods, businesses and schools by:
 - Increasing ridership at the Transit Center and future Light Rail Station.
 - Creating an easier connection for students to and from North Seattle College by shortening the walk distance from the Transit Center by almost a mile.
 - Providing important access for bicyclists and pedestrians to other improvements coming to the Northgate area.

Seattle Department of Transportation

Northgate Pedestrian and Bicycle Bridge Project Overview

- Currently in early design and environmental review
- Overall length is estimated at 1800 to 2200 feet depending on the chosen alternative
- Exact location and access points to the bridge are being developed



Project Timeline

	The state of the s		0.0			· I	2015				2016								2018			
		Qtr1	Qtr2	14 Qtr3	Qtr4	Qtr1	Qtr2	15 Qtr3	Qtr4	Qtr1	Qtr2	16 Qtr3	Qtr4	Qtr1	20 Qtr2	Qtr3	Qtr4	Qtr1	Qtr2	_	Qtr4	
N	Identify Type and Route Options	QUIT	QIIZ	QIIS	QII4	QIII	QIIZ	QUIS	QII4	QUII	QIIZ	QIIS	Qti 4	QUII	QUZ	Quis	QII 4	QIII	QIIZ	QIIS	QU 4	
EARLY DESIGN	Screen Options																					
EAR	Recommend Alternative			*																		
Environmental Review and Approvals																						
	Final Design																					
Northgate Pedestrian Bridge Construction																						
	d Transit Northgate Station Construction																					

Screening Criteria: Alignment Options



Bridge & Approach Geometry

- Span Lengths
- Approach Lengths
- WSDOT Sign Bridge Visibility



Connectivity

- Pedestrian Access
- Bicycle Network Integration



Cost

- Construction
- Right of Way
- Maintenance
- Corridor Improvements



Constructability

- Impact to Traffic
- Impact to Property
- Construction Staging
- Construction Duration



Design Opportunities

- User Experience
- Neighborhood Context
- Interstate Context
- Bridge and Trail Aesthetics



Environmental Impacts

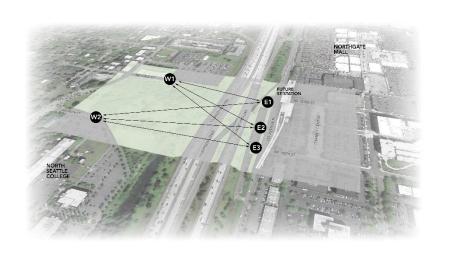
- Wetland Area
- Footprint of the Structure



Safety

- Lighting
- Visibility
- Egress
- Multi-modal interaction

Design Feeback from YOU today:



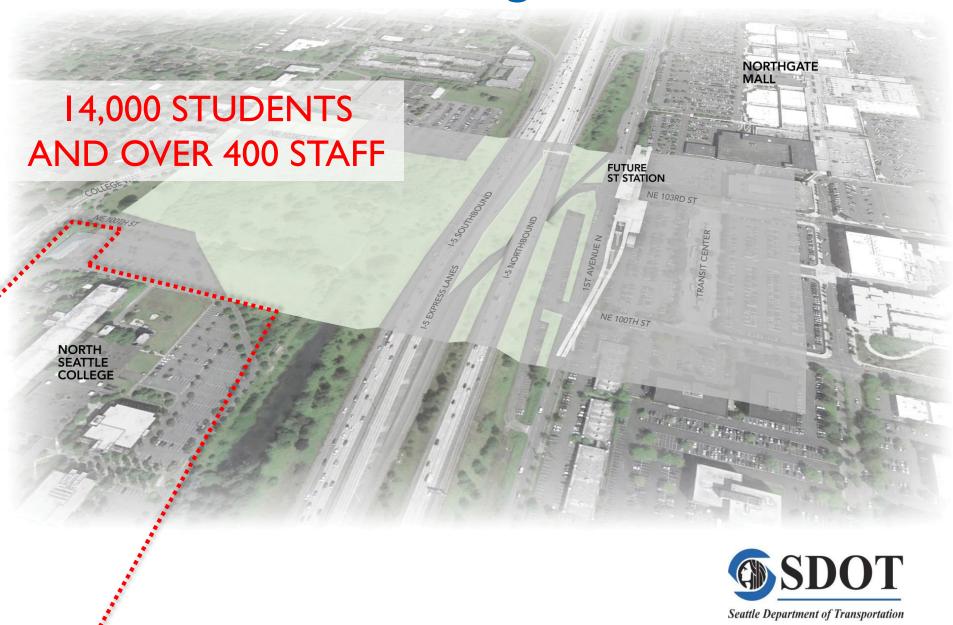


ALIGNMENT +

SPAN DESIGN



North Seattle College



Existing Northgate Transit Center

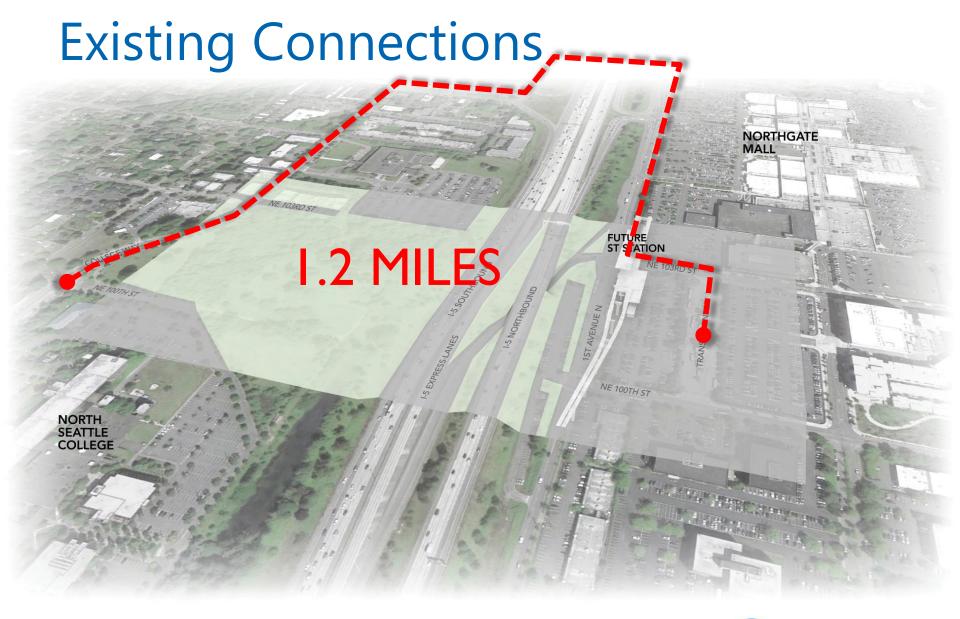


Seattle Department of Transportation

Future Northgate Sound Transit Station









Existing Connections



Existing East Walking Connections





Northgate Way at I-5 overpass

Northgate Way at 1st Ave NE



Existing West Walking Connections



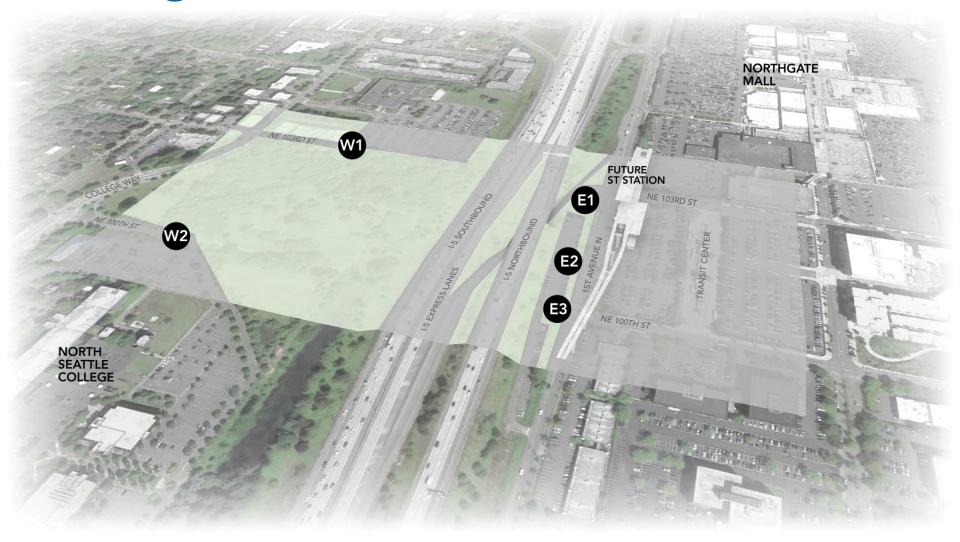
92nd Street Overpass



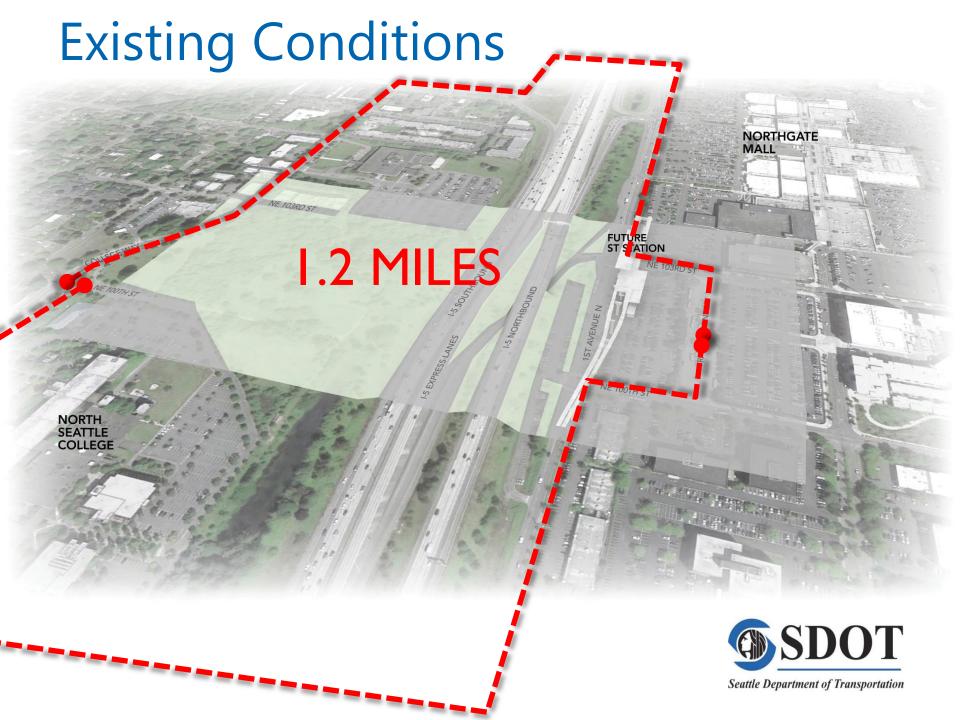
Northgate Way at I-5 Overpass



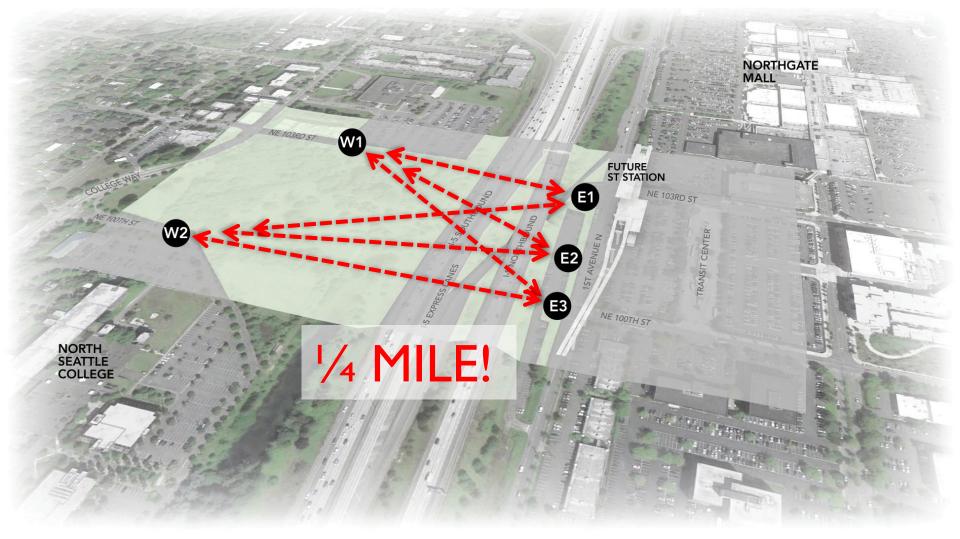
Bridge Access Points





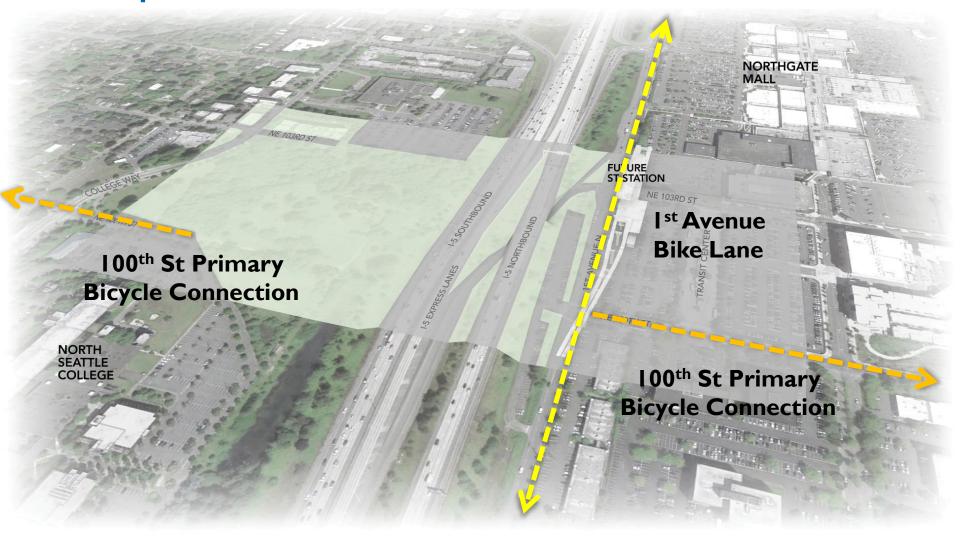


Bridge Alignment Options



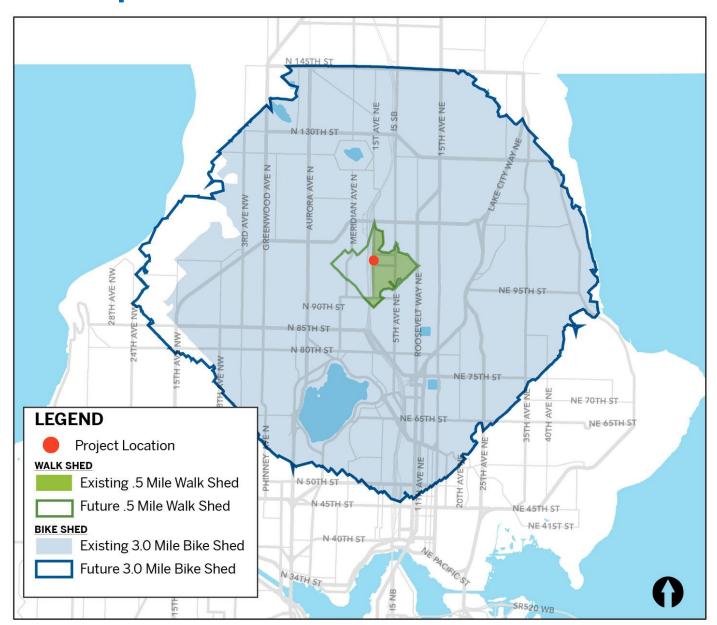


Proposed Bike Infrastructure



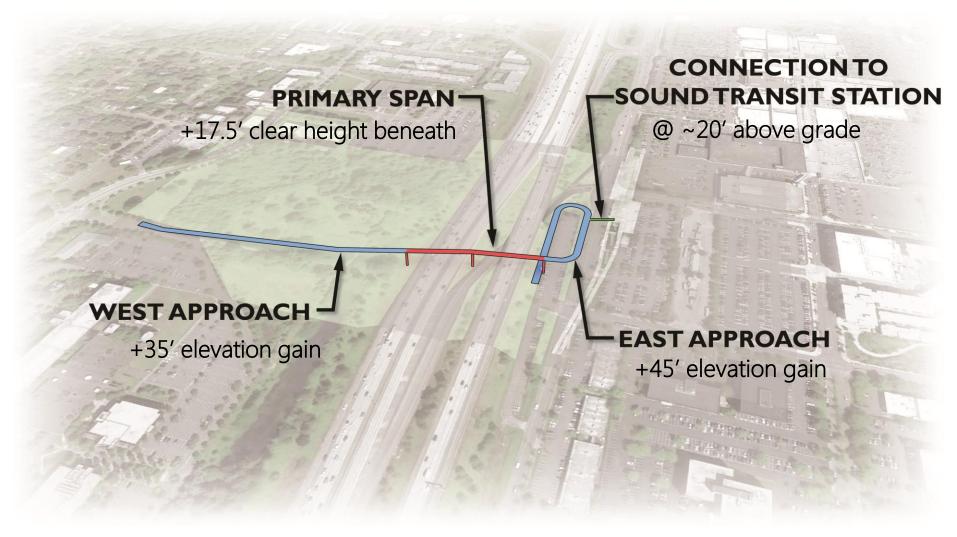


Expanded walk and bike sheds



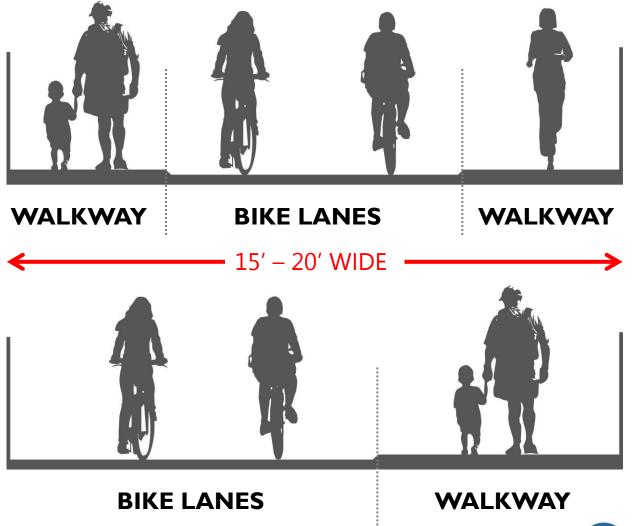


Bridge Components



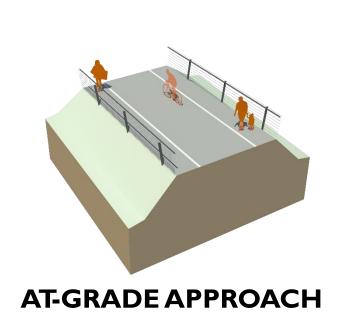


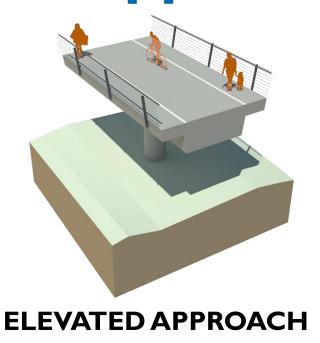
Bridge Components: Pathway Elements

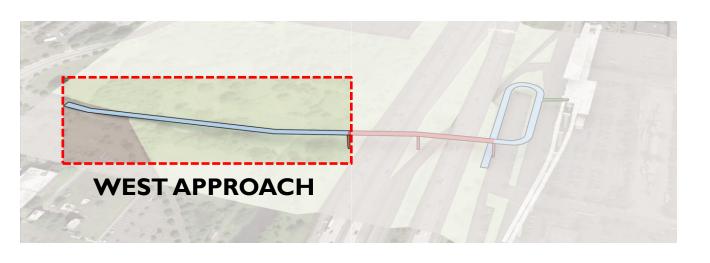




Bridge Components: West Approach

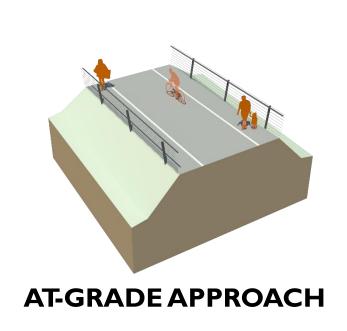


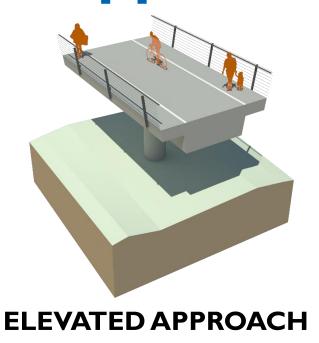


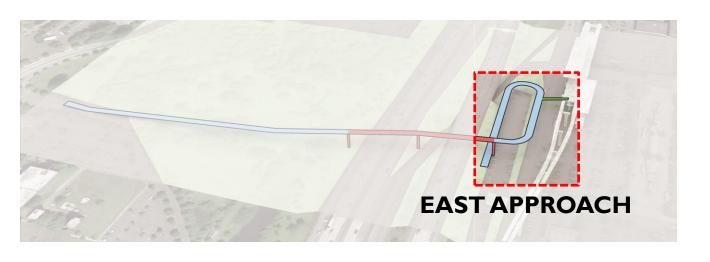




Bridge Components: East Approach

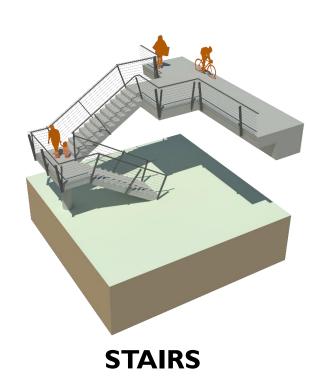


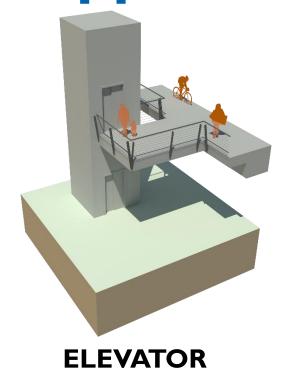


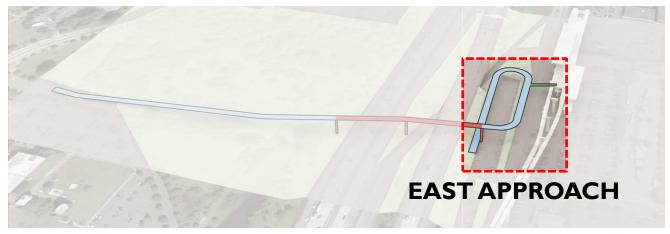




Bridge Components: East Approach

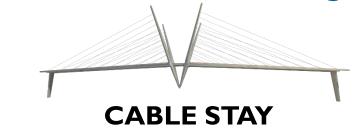








Bridge Components: Primary Span

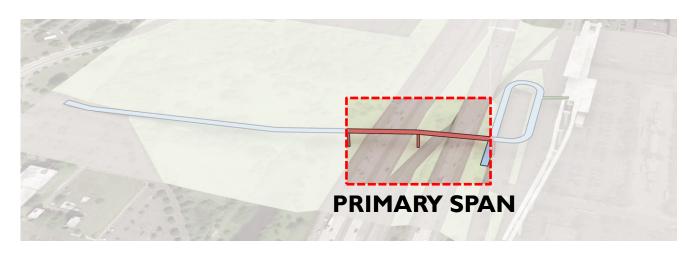




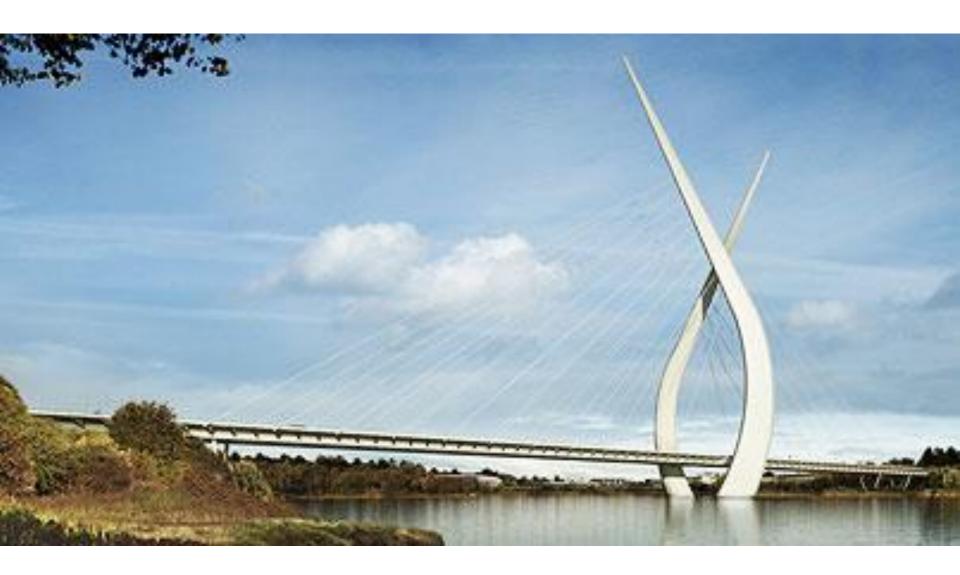
TIED ARCH

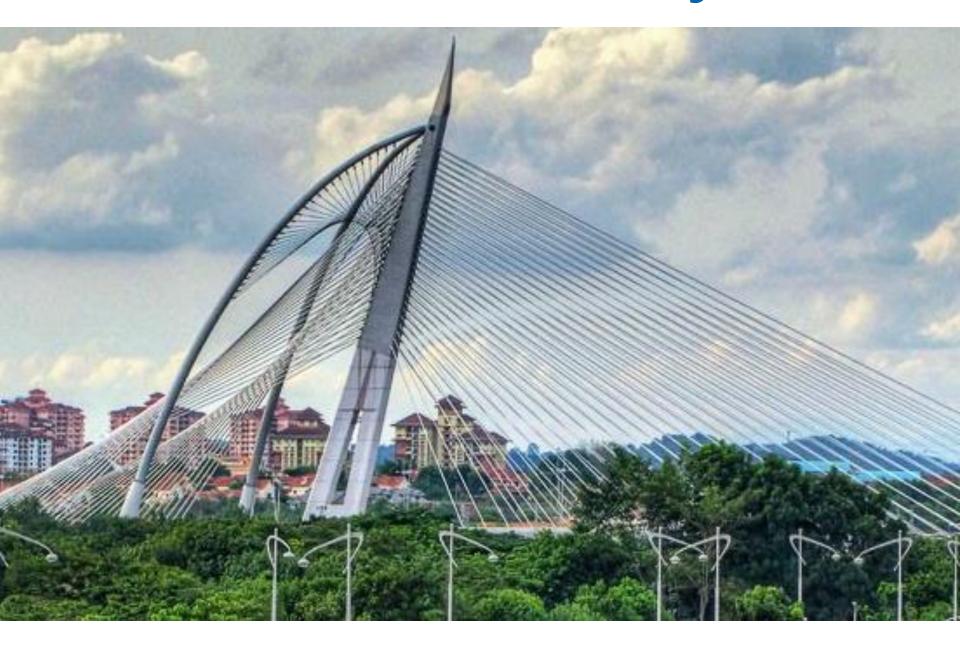


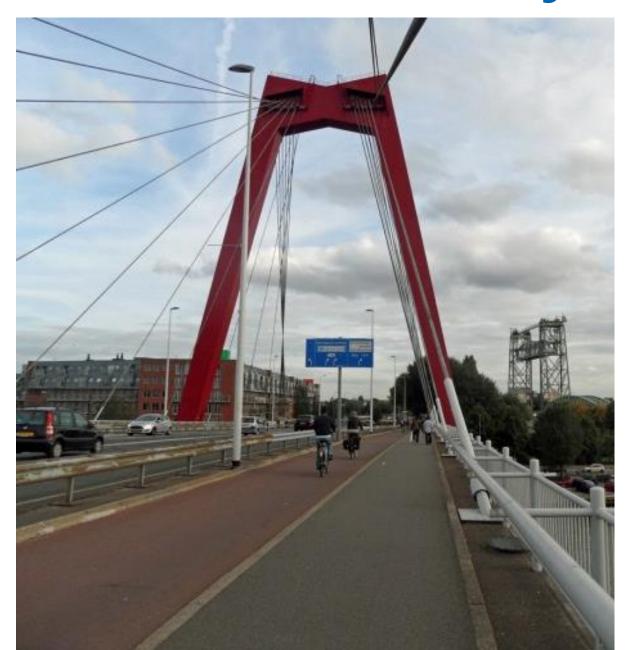
TUBE/TRUSS

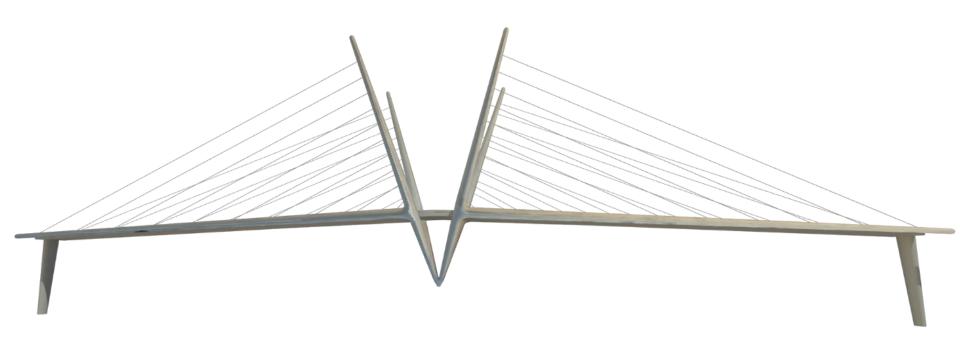


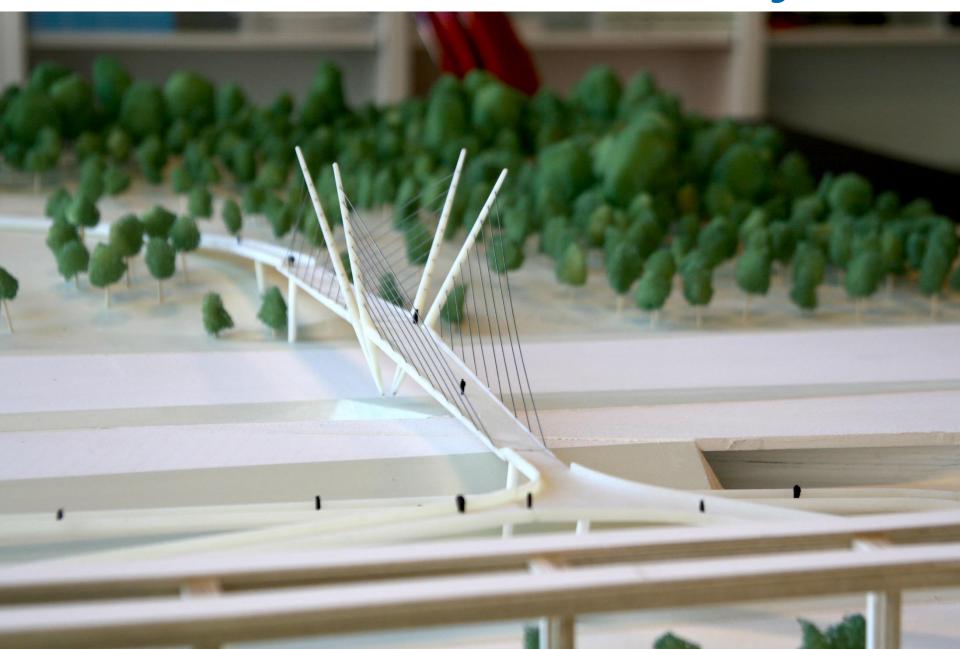














VIEW FROM NORTHEAST



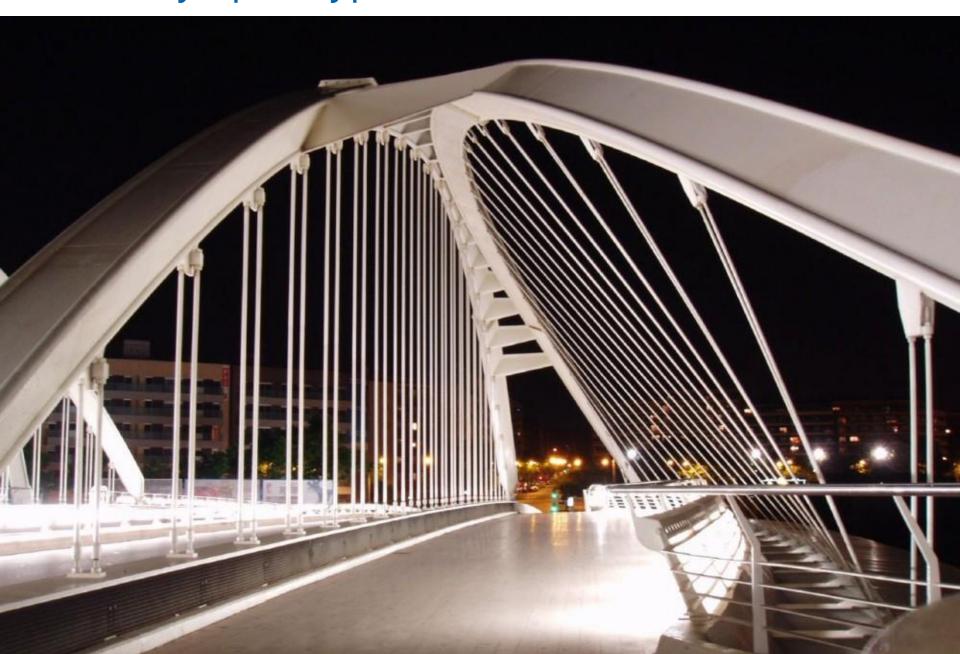
VIEW FROM NE 100TH ST AND 1ST AVE N.

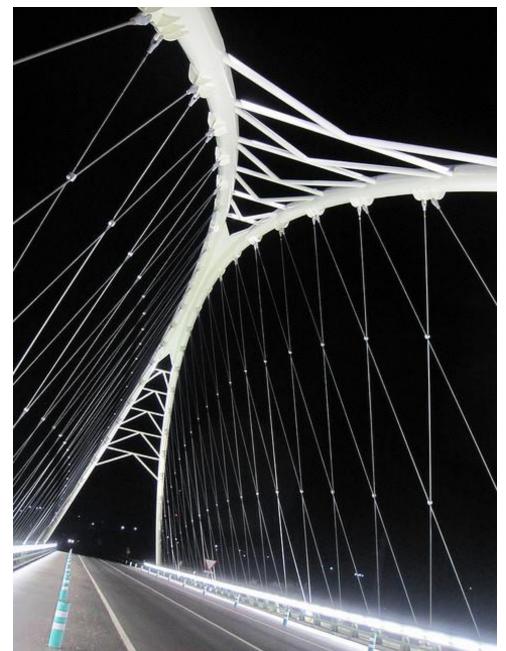


VIEW FROM SPAN















VIEW FROM NORTHEAST



VIEW FROM NE 100TH ST AND IST AVE N.



VIEW FROM SPAN



















VIEW FROM NORTHEAST



VIEW FROM NE 100TH ST AND IST AVE N.



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Project Funding & TIGER Grant

- Funding is provided by \$5 million contributions from SDOT and Sound Transit. An additional \$15 million is required fully fund the project.
- SDOT is seeking additional funding through a Federal TIGER Grant application.
 - The TIGER Grant application is available on our website.



Outreach Activities

- Held community briefings throughout the spring
- Open House tonight!
- Another round of briefings will be held once a final recommendation is made in the fall



Next Steps

- Keep in touch!
- Join our email list sign up at welcome table
- Check out our website: <u>www.seattle.gov/transportation/northgatepedbridge.htm</u>



Questions?







Thanks!

http://www.seattle.gov/transportation











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