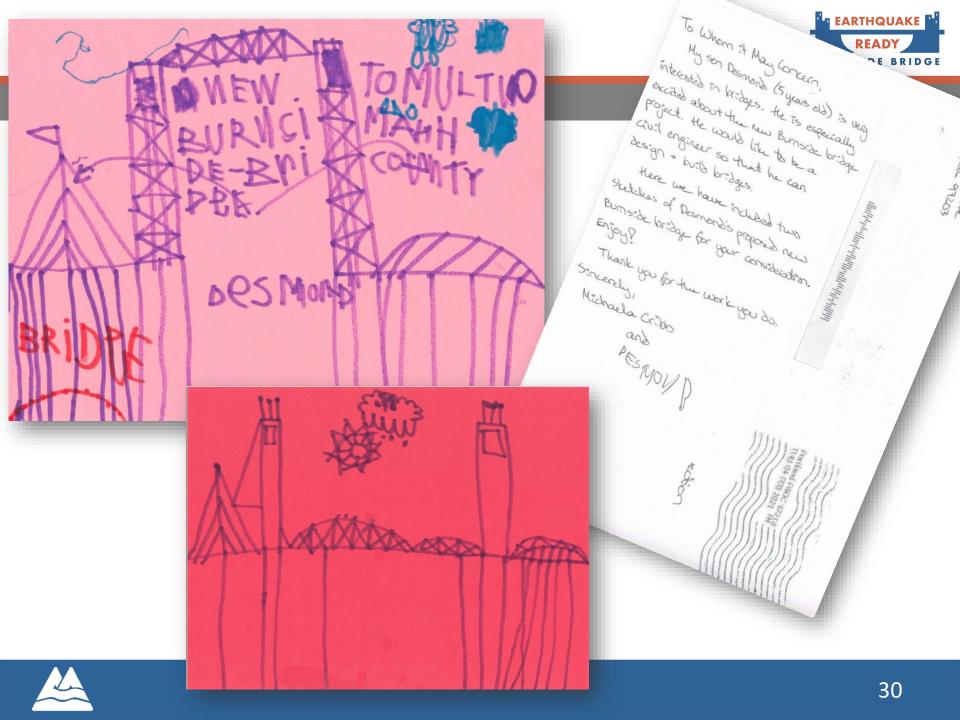




# Bridge Type Selection Community Input Review





### **Outreach**



#### By the Numbers

60+	BRIEFINGS to agencies, individuals, and organizations
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- **DEI** organizations reached
- 11,950 UNIQUE VISITORS to the online open house and survey
- 1,900+ SURVEY RESPONSES
  - In-language **TRANSLATIONS** of the online open house and materials
  - 285k Social media IMPRESSIONS
- 3,183 E-newsletter RECIPIENTS
  - 119 Text Message RECIPIENTS
  - 12 NEWS RELEASES AND E-NEWSLETTERS





For the WEST APPROACH SPAN, if you had to choose, which bridge type features would you prefer?

#### Overall Look and Feel

## 76% - Above deck structure that matches on both the east and west approaches

21% - An uneven or unbalanced look that has above deck structure on the east but no above deck structure on the west





For the WEST APPROACH SPAN, if you had to choose, which bridge type features would you prefer?

### On and Under Bridge Experience

# 75% - Structure above the bridge deck with a higher ceiling height under the bridge

23% - Unobstructed views on the bridge with reduced vertical clearance under the bridge





For the WEST APPROACH SPAN, if you had to choose, which bridge type features would you prefer?

#### **Cost and Construction**

## 64% - Look, feel and experience are more important to me than cost

33% - I'm willing to forego a certain look, feel and experience of the bridge if it is too expensive





For the MOVABLE SPAN, if you had to choose, what would you prefer?

# 71% - Unobstructed views on the bridge with larger in-water piers (Bascule)

25% - Vertical towers above the bridge deck with smaller inwater piers (Lift)





## For the west, middle, and east sides, which bridge types and related features do you think do the best job of...

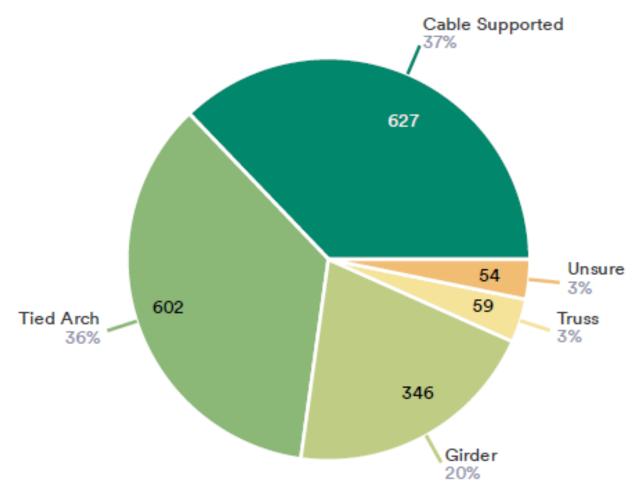
- Complementing or responding to the surrounding area and neighborhoods?
- Acknowledging the historic and natural surroundings?
- Presenting a seismically-resilient, modern design?
- Setting the tone for future development throughout its 100year design life?

(Responses on subsequent slides....)





#### ...On the west side



#### **Key Themes:**

73% Cable Supported and Tied Arch – aesthetic preferences, symmetrical and forward-thinking design

**20% Girder** – unobstructed views and preserves feel of Old Town

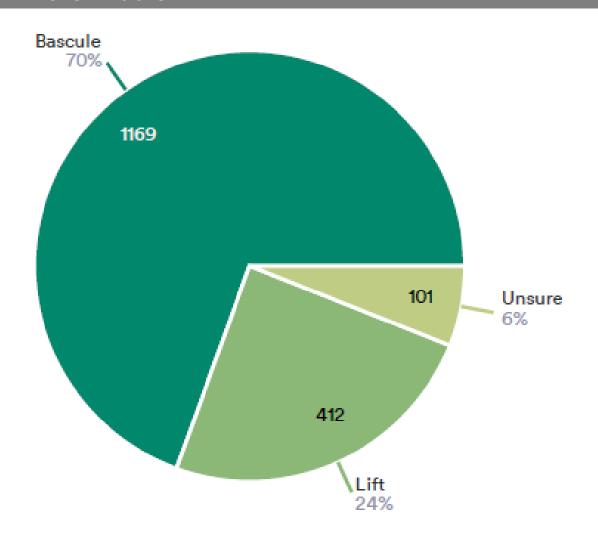
**3% Truss** – fits in well with other bridges and is a nod to historic designs

**3% Unsure** – keep the current bridge, whichever is fastest and cheapest to build





#### ...In the middle



#### **Key Themes:**

**70% Bascule** – unobstructed views and clean design, unlimited vertical clearance

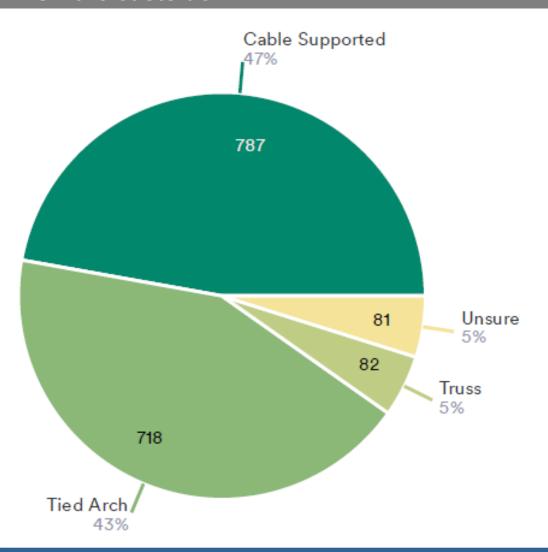
24% Lift – cheaper, would complement other superstructures, less in-river impacts

**6% Unsure** – depends on cost, length of construction, environmental impacts, whichever is quicker to open/close





#### ...On the eastside



#### **Key Themes**

90% Cable Supported and Tied Arch – aesthetic preferences, symmetrical, superstructure would fit well with east side skyline

- Cable Supported has more striking design
- Tied Arch would add more variety without overshadowing surroundings

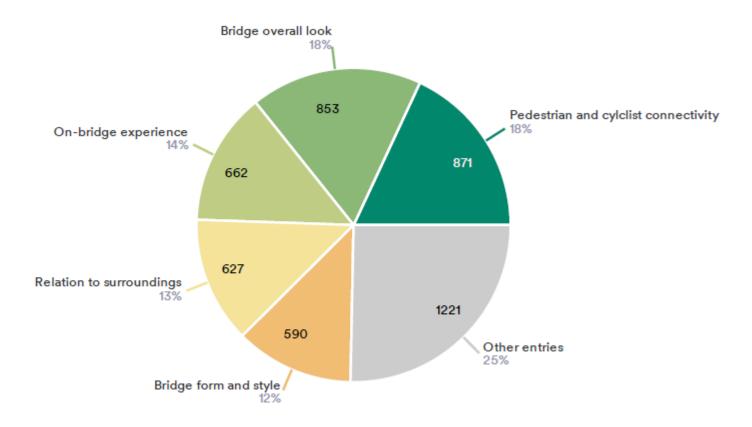
**5% Truss** – fits in well with other bridges and a nod to historic designs

**5% Unsure** – whichever is fastest and cheapest





## Of the topics for evaluating the options, which is most important to you? (Select your top three.)







Do the topics for evaluating the bridge type options make sense?

96% - Yes





## What other topics should we consider when studying the tradeoffs among the options?

#### **Key Themes:**

- Seismic resiliency
- Aesthetically pleasing and forward-thinking design
- Prioritizing active transportation and transit
- Making the bridge flexible to changing needs (i.e., wider bike lanes or more transit-only lanes in the future)
- Cost of construction and long-term maintenance
- Environmental sustainability and reducing the carbon cost of the physical bridge structure

