

Dungeness River Trestle Replacement Project

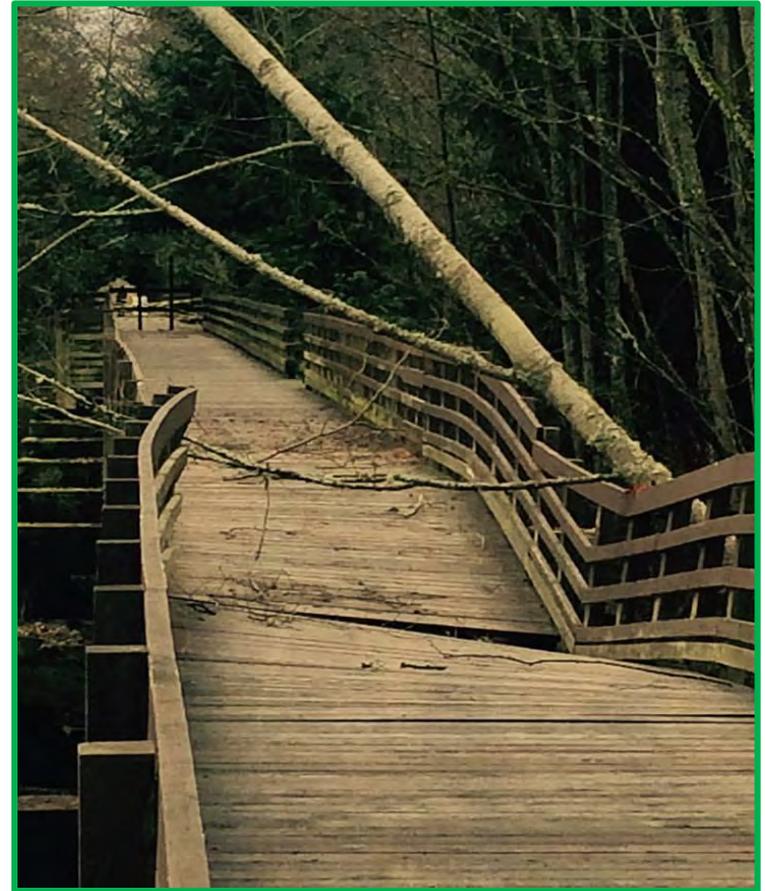
The Perfect “Storm”



February Damage

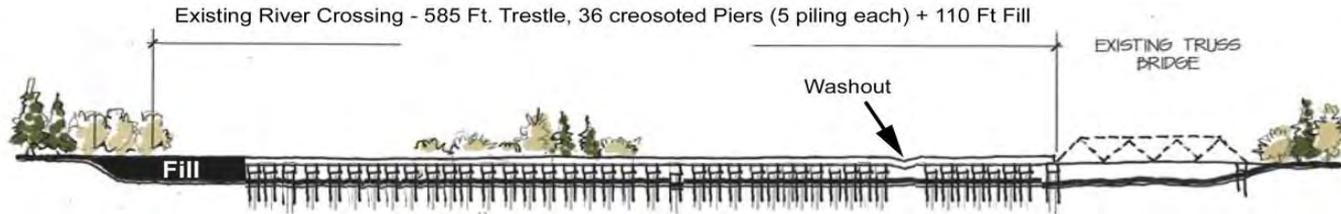


Friday February 6, 2015 looking upstream from trestle where new river channel formed.

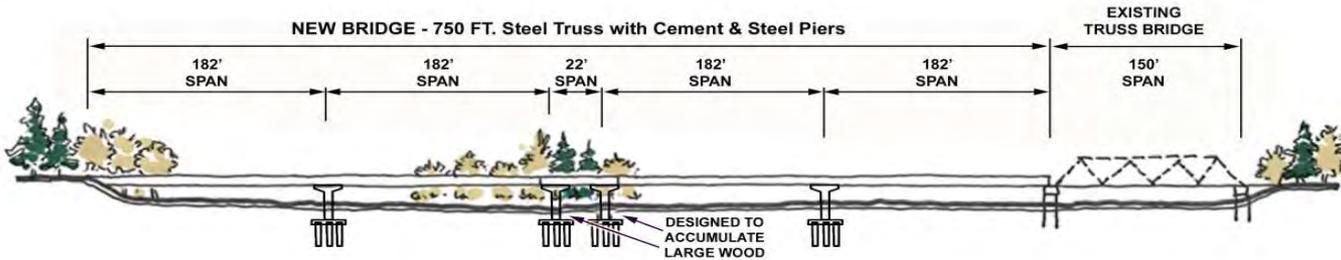


Damaged Trestle

Repair Option



Existing Crossing
2015



Proposed Crossing

**PREFERRED ALTERNATIVE:
750' STEEL TRUSS PEDESTRIAN BRIDGE**



Dungeness River

Existing and Proposed Stream Crossing Structures



Project Challenges



- **#1 challenge - funding**
 - Transportation project or salmon habitat project?
- **#2 challenge - permitting**
 - Tribe, USCOE, USFW, County, State, DAHP
- **#3 challenge – construction schedule**
 - Weather
 - Trail closure
 - Fish window restrictions
- **And the structure is on the National Register of Historic Places!**



Funding Solution

1. The project was characterized primarily as a salmon habitat project to capitalize on funding opportunities.



Project was on the local North Olympic Peninsula Lead Entity (NOPLE) Work plan...



...so, was eligible for a Puget Sound Acquisition and Restoration (PSAR) grant for design funding...

...and qualified for the State Salmon Recovery Funding (SRF) Board's "salmon money" for construction funding.

2. Bridge and trestle listed on TTP Inventory and Tribal work plan

3. Structure was insured by Tribe

4. Tribal fuel tax funding authorized

5. Strong Peninsula Trails Coalition partnership

Funding Matrix

Funding Summary - Railroad Bridge Park Trestle Replacement

Source	Amount	Use
RCO - SRFB	\$ 172,473.00	Prelim/Final Design
JST Insurance	\$ 184,665.00	Construction
BIA - Rights Protection Imp.	\$ 69,435.00	Construction
RCO - Trails	\$ 52,000.00	Construction
RCO - SRFB	\$ 1,530,000.00	Construction
JST Discretionary Funds	\$ 200,000.00	Construction
Floodplains by Design	\$ 270,000.00	Construction
JST-Transportation Funds	\$ 100,000.00	Construction
Peninsula Trails Coalition	\$ 10,000.00	Construction
Grand TOTAL of all sources	\$ 2,588,573.00	
First Federal	\$ 100,000.00	Construction

Permitting Solution

- **The project was located entirely on Tribal Trust land and subject to internal project review and permitting**
- **Project Scoping meeting with all agencies including Tribe, USCOE, DAHP, FHWA, USFW**
- **Each permitting agency was willing to accelerate permitting**

Permitting

- Jamestown Tribe - Project Review, TEPA, Building Permit, 401 Water Quality Certification
 - USCOE – Wetland Permit, Section 404
 - USFW – ESA compliance
 - FHWA - MOA re: Section 106, NEPA
 - Clallam County – exempt
- Washington State – exempt except for DAHP

Mitigation

- As a historic structure listed on the National Register of Historic Places replacing the trestle constitutes an “adverse effect”
- MOA with DAHP, FHWA, USCOE, JST that identifies mitigation measures:

Develop and implement a multi-component program to provide public education and outreach focusing on railroad history, particularly as it relates to transportation and economic of the JST and Clallam County, to be comprised on the following elements:

- Plan, design fabricate and install a display(s) at appropriate location(s) in the project vicinity;
- Plan, design and create an on-line exhibit to be posted on the House of Seven Generations on-line museum;
- Create a public presentation to be scheduled and presented to the public on a regular basis for 3 years.

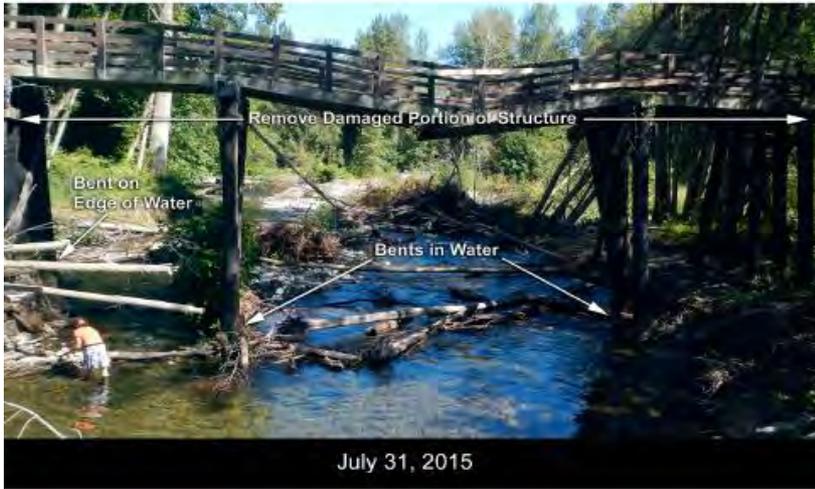
“We want OUR bridge to be fixed!”



Scheduling

- Building permit issued by Jamestown S'Klallam Tribe
- Demolition work occurred outside of the fish window
- Drought year...water in the Dungeness River was at an all-time low level
- Fall/winter weather was mild
- Contractors were available, responsive and met all scheduling deadlines
 - Started in May
 - Finished on time in December and pretty close to within budget

Early Work – August 1 -2, 2015



Project Complete

- **Bridge opened to the public on December 24th...just eleven months after the damage occurred**
- **New structure included Tribal artwork**
- **Trestle design allows river to move naturally through this reach**
- **Pedestrian crossing to last another 100 years**



**Overview of finished
Trestle featuring
with Tribal artwork**

View of new trestle and historic Howe truss bridge looking south to north



Important things to note...

- **Pre-planning...have your ducks in a row**
- **TTP Inventory...keep it current**
- **Engage/appoint/authorize decision makers**
- **Address the public...early and often**
- **Risks, of the calculated variety, may be necessary**
- **Foster good partner relationships**
- **Celebrate success...be inclusive**

Thank you !

Annette Nesse

Chief Operations Officer

Jamestown S'Klallam Tribe

anese@jamestowntribe.org

