Columbia River Skywalk  
Trail, British Columbia, Canada

Overview
When the City of Trail, British Columbia closed a century old vehicle bridge, they needed a new sewer pipe bridge across the Columbia River. They recognized an opportunity to add other utilities and construct a new pedestrian bridge to connect people to both sides of the river.

Owner: City of Trail, British Columbia  
Installation Date: December 2016

Bridge Deck Dimensions
Deck Size:
- Span Section: 722 feet by 13.1 feet
- Tower Section: 180 feet by 23 feet
Deck Area: 13,615 square feet  
Deck Panel Dimensions: 13.1 feet by 8.2 feet  
Deck Depth: 3.1 inches to 5.7 inches  
Deck Weight: 8.35 psf

Bridge Features
Requirements:
- 84 psf live load; L/500 deflection
- Concentrated load of 2100 lb on one sf
Superstructure: Steel stringers
Beam Spacing: 8.2 feet
Deck to Beam Connection: Steel connection clips

Special Requirements:
- Deck includes drainage scuppers and access hatches
- Insets in panels for stringer splices
- Special shapes around masts
Crown: 2% Crown
Non-Slip Overlay: Epoxy aggregate
Guard Rail: Attached to deck
Color: Gray

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