

Dunedin Causeway Evaluation Matrix

Roadway and Bridge Issues

Main Bridge

	No Build	Mid-Level Movable Bridge
Overall Bridge Width	40 feet, 1 inch	62 feet, 7 inches
Width of Vehicular Travel Lanes	11 feet	11 feet
Shoulders (both sides)	2 feet	8 feet
Sidewalks (north side)	3 feet, 6 inches	5 feet
Pinellas Trail Spur (south side)	6 feet	15 feet
Vertical and Horizontal Clearance	20 feet* vertical 90 feet horizontal	35 feet vertical 100 feet horizontal
Meets Current Design and Safety Standards	No	Yes
Structural Elements Corrected	No	Yes
Bridge Openings	No change	50 percent reduction

*Does not meet United States Coast Guard vertical clearance requirements of 21 feet

Tide Relief Bridge

	No Build	Low-Level Fixed Bridge
Overall Bridge Width	40 feet, 1 inch	62 feet, 7 inches
Width of Vehicular Travel Lanes	11 feet	11 feet
Shoulders (both sides)	2 feet	8 feet
Sidewalks (north side)	3 feet, 6 inches	5 feet
Pinellas Trail Spur (south side)	6 feet	15 feet
Vertical and Horizontal Clearance	12.5 feet vertical 45 feet horizontal	14.5 feet vertical 115 feet horizontal
Meets Current Design and Safety Standards	No	Yes
Structural Elements Corrected	No	Yes
Bridge Openings	N/A	N/A

Dunedin Causeway Evaluation Matrix

Social and Environmental Impacts

Main Bridge

	No Build	Mid-Level Movable Bridge
Private Property or Land Acquisition	None	None
Relocations	None	None
Visual Impacts	None	Moderate
Parks and Recreation (Temporary)	None	0.92 acres
Parks and Recreation (Permanent)	None	Gain 0.29 acres
Historic and Archaeological Resources	None	None
Wetlands (Temporary)	None	0.21 acres
Wetlands (Permanent)	None	0.11 acres
Seagrasses (Temporary)	None	0.04 acres
Seagrasses (Permanent)	None	None
Wildlife	None	Minimal
Major Utilities	None	None
Potential Noise Impacts (Residential)	None	None
Potential Noise Impacts (Recreation)	None	Minimal

Tidal Relief Bridge

	No Build	Low-Level Fixed Bridge
Private Property or Land Acquisition	None	None
Relocations	None	None
Visual Impacts	None	Minimal
Parks and Recreation (Temporary)	None	None
Parks and Recreation (Permanent)	None	Lose 0.51 acres
Historic and Archaeological Resources	None	None
Wetlands (Temporary)	None	None
Wetlands (Permanent)	None	None
Seagrasses (Temporary)	None	None
Seagrasses (Permanent)	None	None
Wildlife	None	Minimal
Major Utilities	None	None
Potential Noise Impacts (Residential)	None	None
Potential Noise Impacts (Recreation)	None	Minimal

Dunedin Causeway Evaluation Matrix

Project Costs

Main Bridge

	No Build	Mid-Level Movable Bridge
Total Project Costs** (millions)	N/A	\$77.22

**Costs include demolition, roadway and bridge construction, mobilization, maintenance of traffic, aesthetic enhancements, engineering design, construction engineering inspection (CEI) and contingency

Tidal Relief Bridge

	No Build	Low-Level Fixed Bridge
Total Project Costs** (millions)	N/A	\$9.68

**Costs include demolition, roadway and bridge construction, mobilization, maintenance of traffic, aesthetic enhancements, engineering design, construction engineering inspection (CEI) and contingency

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Construction Impacts

Main Bridge

	No Build	Mid-Level Movable Bridge
Temporary Bridge Required	N/A	Yes
Total Construction Time	N/A	4 years ****
Anticipated Service Life	15 years	75 years

****Disruption to traffic and recreational areas is anticipated to only occur for 2.5 years

Tidal Relief Bridge

	No Build	Low-Level Fixed Bridge
Temporary Bridge Required	N/A	No ***
Total Construction Time	N/A	18 months
Anticipated Service Life	15 years	75 years

***Phased construction (traffic will be maintained)