



Howard Frankland Bridge (I-275/SR 93)

PD&E Study (northbound) and
Regional Transit Corridor Evaluation



Alternatives Evaluation Matrix for Northbound Howard Frankland Bridge Replacement

Evaluation Criteria	No-Build Alternative	Recommended Build Alternative
Potential Relocations		
Number of Businesses and Residences	0	0
Potential Right-of-Way (ROW) Impacts		
Additional ROW Needed (acres)	0	0
Potential Net Environmental Effects		
Archaeological/Historical Sites	0	0
Noise-Sensitive Sites	0	0
Seagrasses (acres)	0.0	0.0
Mangroves (acres)	0	0
Pinellas Aquatic Preserve/Outstanding Florida Water Encroachment by Fill (acres)	0.0	0.0
Threatened and Endangered Species, Potential Involvement with	low	low
Petroleum Contamination & Hazardous Material Sites	0	0
Estimated Capital Costs ¹ (Cost in \$ millions, rounded)		
Right-of-Way Acquisition	\$0	\$0
Construction Costs		
New Northbound (NB) Bridge	\$0	\$170
Temporary Widening of NB Bridge	\$0	\$8
Demolition of Existing NB Bridge	\$0	\$32
Roadway Transitions	\$0	\$6
Seawall	\$0	\$0
Access Road Reconstruction	\$0	\$0
Seagrass/Wetlands Mitigation	\$0	\$0
Signing/Lighting	\$0	\$1
Added Construction Staging Costs	\$0	\$8
Maintenance of Traffic (10%)	\$0	\$23
Mobilization (10%)	\$0	\$25
Additional Contingencies (25%+/-)	\$0	\$68
Engineering Design-Build/CE&I ² (8%/7%)	\$0	\$47
Preliminary Estimate of Total Capital Costs ³	\$0	\$390 (rounded)

- Notes: 1) Present day costs in millions of dollars. Construction costs based on FDOT's LRE system costs.
2) CE&I = construction engineering and inspection.
3) Costs above rounded to nearest \$1 million, so may not add up to exact total.