



# Doing Things!

## DUNEDIN BRIDGE REPLACEMENT

Project Development  
& Environment Study (PD&E)  
December 15, 2015



# Status



- **Board meeting on August 4, 2015**
  - Staff recommendation to proceed with analysis of three (3) center alignment alternatives.
  - Board requested information for six (6) alternatives pertaining to north and south alignments.
- **Item before the Board – Amendment 1 to PD&E study**
  - Consideration of PD&E cost increase and time extension to evaluate additional alternatives.
  - Discuss position of the City of Dunedin and Ad Hoc Committee.

# Conceptual Cost Estimate



- **Total bridge cost estimate \$100 Million**
  - Center alignment requires a temporary bridge (included in project cost).
  - North and South alignments will have additional costs for mitigation of environmental, recreational, and/or utility impacts.
- **Grant funding potential**
  - Center alignments satisfy NEPA requirements and increase opportunity for future grant funding.
  - North and South alignments would require mitigation to satisfy grant funding requirements.

# Impact matrix



## Preliminary Screening Matrix

IMPACT EVALUATION CRITERIA	Impacts to Recreation Areas	Wetland Impacts (Fill)	Seagrass Impacts	Utility Impacts	Duration of Construction	Public Input
<b>North Alignment - Main Bridge</b>						
Low Level Movable (21 feet VC)	Medium	High	High	High	Medium (2.5 yrs)	General #3 -Keep Lower Movable Bridge
Mid-Level Movable (35 feet VC)	Medium	High	High	High	Medium (2.5 yrs)	General #3 -Keep Lower Movable Bridge
High-Level Fixed (65 feet VC)	Low	High	High	High	Medium (2.5 yrs)	Travel/Traffic #5 object to steeper grade
<b>South Alignment - Main Bridge</b>						
Low Level Movable (21 feet VC)	High	Medium	Medium	Low	Medium (2.5 yrs)	General #3 -Keep Lower Movable Bridge
Mid-Level Movable (35 feet VC)	High	Medium	Medium	Low	Medium (2.5 yrs)	General #3 -Keep Lower Movable Bridge
High-Level Fixed (65 feet VC)	Medium	Medium	Low	Low	Medium (2.5 yrs)	Travel/Traffic #5 object to steeper grade
<b>Existing Alignment w/Temporary Bridge - Main Bridge</b>						
General #1 Preserve all recreation areas /no changes to causeway; Keep project small-similar to existing						
Low Level Movable (21 feet VC)	Low	Low	Low	Low	High (4 years)	General #3 -Keep Lower Movable Bridge
Mid-Level Movable (35 feet VC)	Low	Low	Low	Medium	High (4 years)	General #3 -Keep Lower Movable Bridge
High-Level Fixed (65 feet VC)	Low	Low	Low	Medium	High (4 years)	Travel/Traffic #5 object to steeper grade
Temporary Impacts	Low	Low	Low	Low		
<b>Tide Relief Bridge</b>						
North Alignment	Low	Low	Low	High	18 months	High Public Opposition
South Alignment	Low	Low	Low	Low	18 months	
Rehabilitation	Low	Low	Low	Medium	14 months	

# Dunedin Bridge PD&E



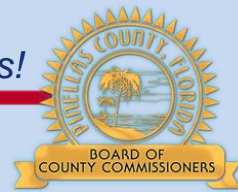
## ■ Options:

- Approve amendment to design consultant agreement to analyze nine (9) alternatives, increase cost by \$377,000, and extend term by six (6) months, **OR**
- Not approve the amendment and direct staff to analyze the three recommended center alignment alternatives.
  - City and Ad-hoc Committee concur.
  - Provides increased opportunity for future grant funding.

# PD&E Schedule



- **Original PD&E schedule – 24 months process – completion in first quarter of 2017**
- **Revised PD&E schedule with amendment (6 months) – completion in third quarter of 2017.**



# Questions?