



# HDR Status Update

Bob Kellner, PE

*Project Principal Engineer*

*Federal Program Manager, Transportation*

Steve Schnell, AICP

*Senior Project Manager, Transportation*

October 27, 2011 NFTA Meeting

# Goals of Work Effort

- Develop trust and credibility with the region's stakeholders
- Identify projects that provide the highest return on investment
- Provide an update to the Corridor Master Plan using a consensus-based and transparent process

# Primary Tasks

- Project Management & Administration
- Business Case Analysis
- Corridor Master Plan Update

# Purpose of the Business Case

The Business Case addresses two key questions for the long-term development of the Northwest Florida Transportation Corridor:

1. Do the Economic Benefits of developing such a corridor exceed the costs? (Social Worthiness)
2. How can we afford such an investment? (Financial Feasibility)

# Primary Tasks and Objectives

- **Project Management & Administration**
  - TASK 1:** Project Management
- **Business Case Analysis**
  - TASK 2:** Assess the Needs of the Region
  - TASK 3:** Review Existing Master Plan GOPs
  - TASK 4:** Data Collection
  - TASK 5:** Evaluation of Regional Benefits
  - TASK 6:** Analysis of Investment Returns & Prioritization
  - TASK 7:** Identify Funding Sources & Mechanisms
- **Corridor Master Plan**
  - TASK 8:** Update Corridor Master Plan

# Task 2: Regional Needs Assessment

- High unemployment rate
- Low economic development
- Lag behind other regions within Florida in transportation infrastructure
- Unreliable coastal roadway network
- Existing roadway may not be adequate for hurricane evacuations

# Task 2: Regional Needs Assessment (Cont.)

- Consensus Workshops
  - Review and reach consensus on all structure and logic models and forecasting assumptions with the key stakeholders
  - Revise logic and parameter assumptions through the workshop, designed to facilitate consensus



# Task 3: Review Existing Master Plan GOPs

- Comprehensive review of current GOPs
- Integration with the business case analysis
- Evaluate criteria and priority ranking matrix



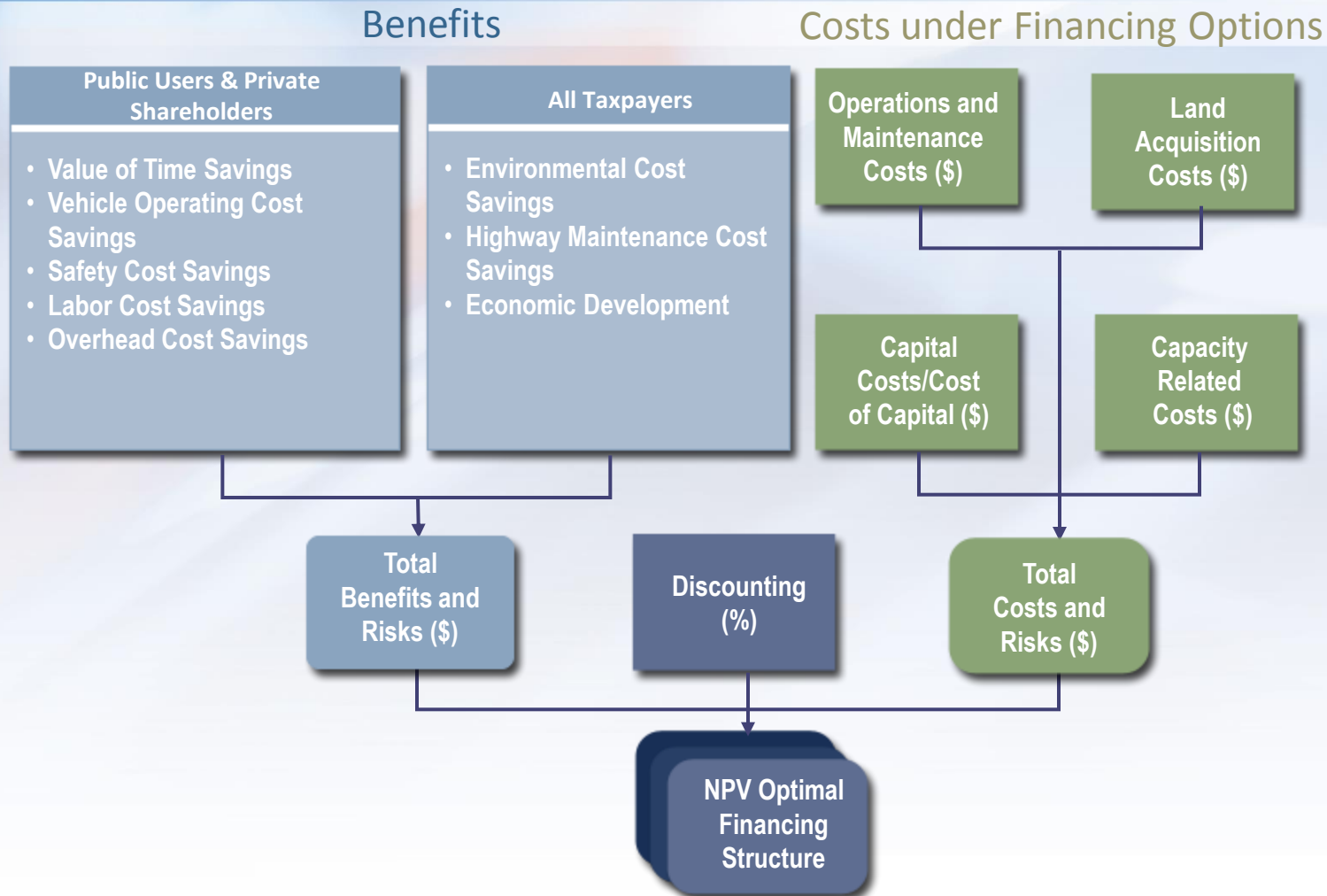
# Task 4: Data Collection

- Data Collection
  - TPO Long-Range Plan
  - Local Comprehensive Plans
  - Transportation Plans, SIS Plan, FDOT Work Program
  - Traffic Data and Projections
- Existing and Future Conditions Analysis
  - Conduct comparative analysis
  - Analyze future traffic conditions and LOS

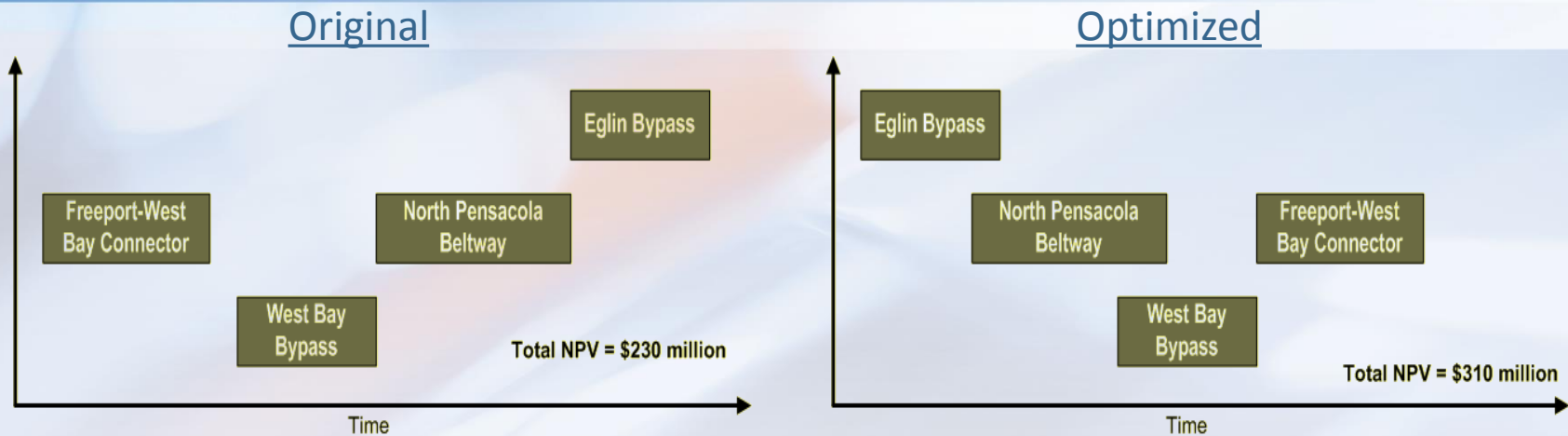
# Task 5: Evaluation of Regional Benefits

POSSIBLE COST-BENEFIT ANALYSIS CATEGORIES	FEDERAL CRITERIA -TIGER				
	State of Good Repair	Economic Competitiveness	Livability	Sustainability	Safety
Savings in Facility and Equipment O&M	√	√			
Savings in Users' Vehicle Operating Cost	√	√			
Increased Employment, Output and Income -Short-Term -Long-Term		√	√		
Savings in Time		√	√		
Improved Reliability		√			
Economies of Agglomeration and Increased Land Value		√	√	√	
Reductions in Environmental Emissions			√	√	
Improved Safety			√		√

# Task 6: Analysis of Investment Return & Prioritization



# Task 6: Analysis of Investment Return & Prioritization (cont.)



*For Illustration Purposes Only*

- Approach: Adjusts project start and end dates to maximize return on investment
- Examining Tradeoffs: implications on benefits, costs (through escalation) and congestion over time

# Task 7: Funding Sources & Mechanisms

## Sources

- Traditional Funds
- Federal Support
- Federal Grants
- State Transportation Funds
- New Revenue Sources
- Tax and Fee Alternatives
- Innovative Funding
- Tolling + Credit Support Options
- Tax Increment

## Mechanisms

- Traditional Funds
- Cash Funded
- GANS
- Revenue Bonds / State Infrastructure Bank
- New Revenue Sources
- RANS / Revenue Bonds
- Innovative Funding
- Toll Revenue Bonds / Junior Toll Credit Support
- Tax Allocation Bonds

# Task 8: Update Master Plan

- Provide interim update for Transportation Commission
- Update per business case findings
- Integrate public involvement outreach process
- Develop document and summary report

# Outcomes of Work Effort

- Unified Vision for the Region
- Consensus Among Key Stakeholders on Development Strategy
- Public and Political Support
- Corridor Development Plan that Fosters Economic Development
- Assessment of Funding Sources and Mechanisms