

RESTORE Direct Component Project Selection Update Committee of the Whole 10/13/16





Overview

- August 11th COW- Commissioners decided to select two projects per commissioner for further assessment.
- Staff has conducted Risk Assessments on the projects sent for further review by each commissioner
- Today's Agenda
 - Review the projects submitted to staff
 - Assess risks and benefits of each project
 - Board discussion/direction



Projects Nominated to Date:

- 1. Carpenter Creek & Bayou Texar Economic & Environmental Revitalization
- 2. Project Universal Access
- 3. Perdido Key Gulf of Mexico Beach Access
- 4. Perdido Key Multi-Use Path
- 5. OLF8 Commerce Park Improvements
- 6. South Dogtrack Drainage- Coral Creek, Hampton Lake, Three Waters Green (aka, Mariner Village), Liberty Church

Carpenter Creek and Bayou Texar Economic & Environmental Revitalization Plan

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- Phase 1: Develops a Master Plan for Carpenter Creek and Bayou Texar
 - Community/stakeholder Input
 - Pre-design Water Quality/Habitat Monitoring
 - Watershed Assessments
 - Identify Community Goals
 - Identify Restoration Activities
 - Identify Stormwater Controls/ Treatment Projects
 - Illustrate Project Components

- Future Phases: Master Plan Implementation, including:
 - Land/Easement Acquisition
 - Stream Restoration
 - Riparian Zone Restoration/Preservation
 - Establish Greenway/ Public Access





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Sedimentation

Flooding

Buffalo Wild Wings 🖲

Publix Super Market 🐨

Olive Garden

Carpenteric

Urban Encroachment

Chick-fil-A 🖱

Cordova Collection

Nutrient & Bacteria Pollution



Buffalo Bayou Master Plan, Thompson Design Group Inc./EcoPlan, 2002

- Key Facts:
 - Carpenter Creek & Bayou Texar Legacy Issues
 - Sedimentation
 - Nutrients
 - Impaired Waters: Fecal **Coliform TMDL- Bacterial Pollution Control Plan**
 - Habitat Loss

- Anticipated Return on Investment: •
 - Restored/ Enhanced Floodplain/ Reduce **Residential & Commercial Flooding**
 - Reduce Water Flow Velocity
 - Improve Water Quality/ Increase Dissolved Oxygen/ Begin Addressing TMDL
 - Preserve Natural Habitats/ Enhance Riparian Buffers
 - Establish Greenway for Pedestrian/ Bicycles
 - Stormwater Runoff Treatment/ Reduction
 - Increase Recreational Access/ Use & Ecotourism

Carpenter Creek and Bayou Texar Economic & Environmental Revitalization Plan

Phase 1: Total Funding Request	\$1,090,000	Future Phases: Total Funding	\$4,885,000
Project Administration & Management	\$120,000	Phase 2: Early Demonstration Projects	\$2,705,000
Public Outreach	\$85,000	Phase 3: Land/Easement	\$2,180,000
Stakeholder Involvement	\$65,000	Acquisition	φ2,100,000
Baseline Assessment/Data Gap Analysis	\$175,000	Total Project Cost (Over 20 Years)	\$5,975,000
Supplemental Data Collection/Analysis	\$366,000		
Draft & Final Master Plan w/ Project Prioritization	\$279,000		escambic



Project-Universal Access

- Phase 1: ADA Evaluation of Public Access Points on Pensacola Beach, Perdido Key, and Ferry Landings
 - Accessibility Evaluation of beach access points, trails, parking lots, sidewalks, and restrooms
 - Produces a Needs Assessment for persons with disabilities going beyond legal requirements

- Future Phases: Plan Implementation:
 - Strategic Design- Retrofits, Improvements, and Location Identification
 - Disabled Community Input
 - Construction
 - Monitoring



New Projects to Accommodate Multi-Sensory Signage & Displays

ADA Observational Platforms, Bathrooms & Tourism Opportunities

ADA Public Access on Perdido Key & Pensacola Beach

OUIETWATER BEACH

Wheelchair Access on Beaches



Key Facts:

- Disabled persons do not have adequate access to recreational public access points
- Escambia County has 54,000 persons with disabilities
- Pensacola Beach currently undergoing some updates

- Anticipated Return on Investment:
 - Construct/ Enhance ADA Trails/ Walkovers
 - Provide ADA Connectivity; Construct ADA Parking
 - Enhance Educational Signage (Multi-Sensory)
 - Tourism/ Ecotourism Enhancements
 - Improves Recreational Opportunities for Disabled Locals (54,000 persons) and Visitors
 - Access to Recreational Fishing Locals
 - Construct Walkovers on Environmentally Sensitive Lands/ Reducing Unsanctioned Trails





Phase 1: Total Funding Request	\$300,000	Future Phases: Total Funding	\$3,500,000
ADA Evaluation	\$100,000	Phase 2: Construction	\$3,000,000
Strategic Plan	\$200,000	Phase 3: Monitoring	\$500,000
		Filase 5. Molilloning	\$500,000

Total Project Cost\$3,800,000



Perdido Key Gulf of Mexico Public Access

• Phase 1: Planning & Design

- Restroom Design/Features
- Dune Walkover/Pavilion Design

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- ADA Compatibility/Features
- Parking Improvements
- Educational Kiosk
- Beach Mouse Habitat Improvement Planning
- Near-shore Reef Design/Permitting

Future Phases: Construction & Monitoring

- Dune Walkover
- Restroom Facilities
- Pavilion
- Parking Lot
- Beach Mouse Habitat Restoration/Preservation
- Educational Kiosk Installation
- Near-shore Reef Deployment
- Monitoring



Public Access & Parking

Tourism Opportunities



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- Key Facts:
 - Limited public access
 - The Perdido Key Beach Mouse is listed as an Endangered Species and has limited habitat
- Anticipated Return on Investment:
 - Habitat Restoration & Conservation (Dune Habitat)
 - Habitat Creation (Snorkel Reef)
 - Enhance Natural System Resiliency
 - Connecting Trail/ Greenway
 - Provides ADA Access to Gulf of Mexico
 - Tourism Destination/ Activity
 - Fishing Opportunities through Enhanced Access
 - Enhances Tourism Industry & Ecotourism Opportunities



Perdido Key Gulf of Mexico Public Access

Phase 1: Total Funding Request	\$123,000	Future Phases: Tota Funding
Design/ Engineering/	\$123,000	Parking Lot Improveme
Permitting	Q120,000	Picnic Pavilions
		Bathroom Facilities
		Dune Walkover (ADA
		Environmental Kiosł
		Beach Mouse Enhancements
		Near-shore Reef
		Monitoring Surveys
		Total Drainet Cont
		Total Project Cost

Future Phases: Total Funding	\$1,525,000
rking Lot Improvements	\$300,000
Picnic Pavilions	\$180,000
Bathroom Facilities	\$500,000
Dune Walkover (ADA)	\$135,000
Environmental Kiosk	\$5,000
Beach Mouse Enhancements	\$300,000
Near-shore Reef	\$100,000
Monitoring Surveys	\$5,000

\$1,648,000

Perdido Key Multi-Use Path

• Phase 1: Design & Engineering

 Design for a Multi-Use Path on the north side of Perdido Key Dr. from the Alabama state line to the Theo Baars Bridge for 6.2 miles

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- Designs collector sidewalks on the south side of Perdido Key Dr.
- Designs three ADA dune walkovers at existing public access points
- Plans & Designs any necessary habitat restoration work around the path and/or dune walkovers
- Snorkel Reef Design/ Permit

- Phase 2: Construction
 - 6.2 miles of paved multi-use path
 - Collector sidewalks
 - Three ADA dune walkovers
 - Near-shore snorkel reef



Separation of Walkway from Roadway

Pedestrian Road Crossings & ADA Beach Access

Fast Speed Limits



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Key Facts

- No alternative transportation routes exist to connect Perdido Key
- There have been several pedestrian injuries and/or fatalities prior to crosswalk installation on Perdido Key Dr.
- Florida Department of Transportation (FDOT) has funded the Planning & Design for the east segment of the Multi-Use Path on North side
- FDOT is likely to fund the west segment of the Multi-Use Path

- Anticipated Return on Investment:
 - Habitat Restoration
 - Habitat Conservation
 - Enhance Natural System Resiliency
 - Adds Alternative Transportation- 6.2 Miles of Trail
 - Connecting Trail/ Greenway
 - Provides Access to Gulf of Mexico
 - Tourism Destination/ Activity
 - Fishing Opportunities through Enhanced Access
 - Enhances Tourism Industry



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Perdido Key Multi-Use Path

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Phase 1: Total Funding Request	\$800,000	Future Phases: Total Funding	\$5,700,000
Planning, Design, Engineering	\$800,000	Construction	\$5,600,000
Engineering		Snorkel Reef	\$100,000
		Total Project Cost	\$6,500,000



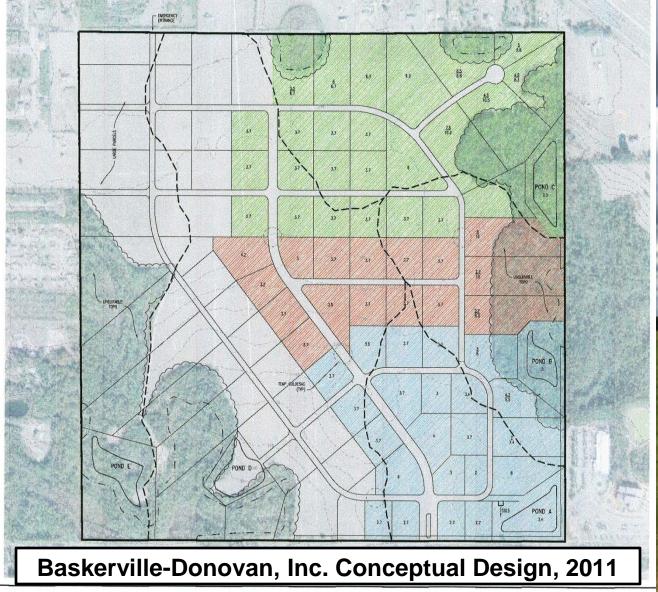
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OLF8 Commerce Park Improvements

- Phase 1: Master Planning
 - Develop a plan identifying land use (i.e. type of business activity)
 - Park layout
 - Public input
 - Habitat conservation
 - Infrastructure requirements
 - Costs and timeline
- Design/ Permitting
 - Engineering specs
 - Environmental permitting requirements
 - Site plans for development

- Phase 2: Construction
 - Roadways
 - Utilities
 - Lighting
 - Drainage





Need for Commerce Park



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- Key Facts:
 - \$2 Million invested in property acquisition OLFX
 - Additional Investments

- Anticipated Return on Investment:
 - Job Creation (3,600 new jobs)
 - Private Industry and Business Growth
 - Military Industry and Training Growth
 - LEED Certifications and Stormwater Management
 - Encourage Tourism
 - Wetland Preservation
 - Walkable and Bikeable Community



OLF8 Commerce Park Improvements

Phase 1: Total Funding Request	\$1,270,000
OLF-8 Master Plan	\$635,000
Design & Permitting	\$635,000

Future Phases: Total Funding	\$17,767,790
Phase 2: Construction	\$15,864,825
Contingency & Monitoring	\$1,902,965
Total Project Cost	\$19.037.790



South Dogtrack Drainage- Coral Creek, Hampton Lake, Three Waters Green, Liberty Church

- Phase 1: Planning & Design
 - Conceptual Plan/Study
 - Identify properties for acquisition/easements

• Phase 2: Construction

- Install 7,000 feet of new 48" storm pipe along the west side of Blue Angel Parkway
- Easement/Land Acquisition
- Stormwater Ponds
- Coral Creek Stream Restoration



Flooding Issues

Water Quality Degradation

Mariners Village

Coral Village

Lake Cook Estates

Hampton Lake

Coral Creek Two

LAKES

WEATHERSTONE

OU GRANDE VILLA





SHERMAN

GROVE

Stream Restoration





- Key Facts:
 - Hydrological flow has been diverted by surrounding development
 - Repetitive flooding of homes
 - Encroachment around Coral Creek has increased water volume while reducing flow out of the creek

- Anticipated Return on Investment:
 - Flood Protection (Over 300 homes)
 - Floodplain Restoration
 - Stream Restoration
 - Water Quality Improvements
 - Enhance Natural System Resiliency
 - Restores Stormwater Flow/ Volume
 - Improves Community Resiliency
 - Provides Temporary Employment
 - Reduces Repeated Loss



South Dogtrack Drainage- Coral Creek, Hampton Lake, Three Waters Green, Liberty Church

Phase 1: Total Funding Request	\$200,000	Future Phases: Total Funding	\$7,900,000
Planning, Design, and Engineering	\$200,000	Drainage Pipe	\$1,000,000
Enginooning		Phase 2: Pond Construction	\$1,900,000
		Phase 3: Stream Restoration	\$5,000,000
		Total Project Cost	\$8,100,000
		Total Project Cost	\$6,100,000



Risk Assessments

- Projects were reviewed by staff as submitted
- Reviews were completed on conceptual designs only
- 10-17 Staff Reviewers for each project



Staff Reviewers

- Natural Resources Director
- Senior Natural Resources Manager
 - Environmental Program Manager
 - RESTORE Program Manager
 - RESTORE Coordinator
- Engineering Stormwater Manager
- Engineering Project Coordinator
 - Engineer
 - Engineer
 - Engineer Technician

- Development Services Director
- Development Services Division Manager
 - Senior Urban Planner
 - Senior Urban Planner
 - Senior Urban Planner



Outside Reviewers

Economic Comments:

Permitting Comments:

- Escambia County Economic
 Development Representative
- U.S. Army Corps of Engineers (2 Representatives)
- City of Pensacola Economic
 Florida Department of Development Representative
 Environmental Protection (4 Representatives)



Risk Analysis

Project Title: 1. Carpenter Creek & Bayou Texar Economic & Environmental Revitalization Project Number: 57 Plan

Likelihood		Consequences		
Almost Certain	Risk will almost certainly happen (>90%)	Catastrophic	Project will not be able to continue	
Likely	Risk will likely happen (61-89%)	Major	Project may not be able to continue	
Moderate	Risk may happen (40-60%)	Moderate	Project will be affected	
Unlikely	Risk will not likely happen (11-39%)	Minor	Project will be slightly affected	
Rare	Risk will rarely happen (<10%)	Insignificant	Project will hardly be affected	

Please leave a category blank if you do not feel you could accurately assess the risk.

Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation	
	Almost Certain	Catastrophic		
	Likely	Major		
Legal - Land Not	Moderate	Moderate	Ensure proper compliance	
Acquired	Unlikely	Minor	and purchasing measures	
	Rare	Insignificant	are taken.	
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation	
	Almost Certain	Catastrophic	e e e e e e e e e e e e e e e e e e e	
Legal - Land Easements Not	Likely	Major		
	Moderate	Moderate	Ensure proper protocol is	
	Unlikely	Minor	followed.	
Acquired	Unlikely Rare	Minor Insignificant	followed.	

Risk Analysis

Project Title: 1. Carpenter Creek & Bayou Texar Economic & Environmental Revitalization Project Number: 57

Likelihood		Consequences	
Almost Certain	Certain Risk will almost certainly happen (>90%) Catastrophic Project will no		Project will not be able to continue
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Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
	Almost Certain	Catastrophic	
	Likely	Major	Constant and the second
Legal - Land Not	Moderate	Moderate	Ensure proper compliance and purchasing measures
Acquired	Unlikely	Minor	and purchasing measures are taken.
	Rare	Insignificant	are taken.
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
	Almost Certain	Catastrophic	
	Likely	Major	
Legal - Land	Moderate	Moderate	Ensure proper protocol is
Easements Not	Unlikely	Minor	followed.
Acquired	Rare	Insignificant	
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
	Almost Certain	Catastrophic	
	Likely	Major	Ensure project is properly
Insufficient	Moderate	Moderate	phased so intermediate
Budgetary	Unlikely	Minor	steps can be completed it
	Rare	Insignificant	lack of funding. Obtain
			multiple estimates.
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
Environmental	Almost Certain	Catastrophic	
Compliance	Likely	Major	Be sure plan addresses al
(Riparian	Moderate	Moderate	EC. Follow previously
Restoration)	Unlikely	Minor	successful projects that
Permit Denied:	Rare	Insignificant	are similar in scope. Hold
DEP			pre-application meetings
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
Environmental	Almost Certain	Catastrophic	magation
Compliance	Likely	Major	Follow previously
(Bayou	Moderate	Moderate	successful projects that
Restoration)	Unlikely	Minor	are similar in scope. Hold
Permit Denied:	Rare	Insignificant	pre-application meeting.
Army Corps			
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
Environmental	Almost Certain	Catastrophic	
Compliance	Likely	Major	Follow previously
(Water	Moderate	Moderate	successful projects that
Management}	Unlikely	Minor	are similar in scope. Hold
Permit Denied:	Rare	Insignificant	pre-application meeting.
NWEWMD			
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
Permit Denied	Almost Certain	Catastrophic	iningation
(Water	Likely	Major	Ensure local government
Management):	Moderate	Moderate	regulations are being
Escambia County	Unlikely	Minor	followed and proper
& City of	Rare	Insignificant	permits obtained.
Pensacola			
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
TO DA	Almost Certain	Catastrophic	
	Likely	Major	1
Operational	Moderate	Moderate	Utilize experienced
Challenges	Unlikely	Minor	personnel
	Rare	Insignificant	1
-			1
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
	Almost Certain	Catastrophic	
	Likely	Major	-
	Moderate	Moderate	Ensure proper milestone:
Delayed Timeline	Unlikely	Minor	and expected due dates
			are reasonable & flexible
	Rare	Insignificant	
Risk Not Reaching	Rare Likelihood (Circle One) Almost Certain	Consequences (Circle One) Catastrophic	Mitigation Plan should address

_			-
Desired Ecological Goals:	Likely Moderate	Major Moderate	reasonable amount of acreage that can be
# of Acres of	Unlikely	Minor	restored for: 1-meaningfy
Riparian Buffers	Rare	Insignificant	ecological benefit & 2-
Restored			fesible access of land.
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
	Almost Certain Likely	Catastrophic	
Not Reaching		Major	Plan should address reasonable amount of
Desired	Moderate	Moderate	sediment & nutrient
Ecological Goals:	Unlikely	Minor	reduction for water quali
Water Quality	Rare	Insignificant	benefits.
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
	Almost Certain	Catastrophic	
Not Reaching	Likely	Major	Plan should address
Desired Ecological Goals:	Moderate	Moderate	reasonable amount of habitat restoration for
Habitat	Unlikely	Minor	benefitting species
Restoration	Rare	Insignificant	diversity & numbers.
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
Not Reaching	Almost Certain Likely	Catastrophic Major	Plan should address
Desired	Moderate	Moderate	reasonable amount of
Ecological Goals:	Unlikely	Minor	invasives that could be
Invasive Species	Rare	Insignificant	removed.
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
Not Reaching	Almost Certain	Catastrophic	Plan should address
Desired	Likely	Major	estimated increased
Economic Goals:	Unlikely	Minor	stormwater capacity base
Flooding	Rare	Insignificant	off of individual projects
Reduction	Raie	insignmeane	identified.
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
	Almost Certain	Catastrophic	Plan should address
Not Reaching	Likely	Major	number, length, & locatio
Desired	Moderate	Moderate	of additional trail system
Economic Goals:	Unlikely	Minor	for local business to
Trails	Rare	Insignificant	increase attractiveness.
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
	Almost Certain	Catastrophic	
Inadvertent Harm	Likely	Major	Ensure all projects are
Environment:	Moderate	Moderate	using best available
Damaging	Unlikely	Minor	science during planning
Current Habitat	Rare	Insignificant	process.
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
RISK	Almost Certain	Catastrophic	witigation
	Likely	Major	1
Maintenance of	Moderate	Moderate	Monitor & make plans to
Restoration	Unlikely	Minor	fix areas if necessary
Projects	Rare	Insignificant	
Risk	Likelihood (Circle One)	Consequences (Circle One)	Mitigation
		Catactrophic	
-	Almost Certain	Catastrophic	-
Maintenance		Major	Monitor & make plans to
Challenges of	Almost Certain Likely	Catastrophic Major Moderate Minor	Monitor & make plans to fix areas if necessary
	Almost Certain Likely Moderate	Major Moderate	
Challenges of Trails	Almost Certain Likely Moderate Unlikely Rare	Major Moderate Minor Insignificant	fix areas if necessary
Challenges of	Almost Certain Likely Moderate Unlikely Rare Likelihood (Circle One)	Major Moderate Minor Insignificant Consequences (Circle One)	
Challenges of Trails	Almost Certain Likely Moderate Unlikely Rare Likelihood (Circle One) Almost Certain	Major Moderate Minor Insignificant Consequences (Circle One) Catastrophic	fix areas if necessary Mitigation
Challenges of Trails Risk Public	Almost Certain Likely Moderate Unlikely Rare Likelihood (Circle One) Almost Certain Likely	Major Moderate Minor Insignificant Consequences (Circle One) Catastrophic Major	fix areas if necessary Mitigation Ensure public outreach ar participation is included
Challenges of Trails Risk Public Acceptance	Almost Certain Likely Moderate Unlikely Rare Likelhood (Circle One) Almost Certain Likely Moderate	Major Moderate Minor Insignificant Consequences (Circle One) Catastrophic Major Moderate	fix areas if necessary Mitigation Ensure public outreach ar participation is included throughout the planning
Challenges of Trails Risk Public	Almost Certain Likely Moderate Unlikely Rare Likelihood (Circle One) Almost Certain Likely	Major Moderate Minor Insignificant Consequences (Circle One) Catastrophic Major	fix areas if necessary Mitigation Ensure public outreach ar participation is included throughout the planning design as well as local
Challenges of Trails Risk Public Acceptance	Almost Certain Ukely Moderate Unikely Rare Ukelihood (Circle One) Almost Certain Ukely Moderate Unikely Rare	Major Moderate Minor Insignificant Consequences (Circle One) Catastrophic Major Moderate Minor Insignificant	fix areas if necessary Mitigation Ensure public outreach an participation is included throughout the planning design as well as local businesses.
Challenges of Trails Risk Public Acceptance	Almost Certain Likely Moderate Unikely Rare Likelhood (Circle One) Almost Certain Likely Moderate Unikely Rare Likelhood (Circle One)	Major Moderate Minor Insignificant Consequences (facle One) Catastrophic Moderate Minor Insignificant Consequences (Circle One)	fix areas if necessary Mitigation Ensure public outreach ar participation is included throughout the planning design as well as local
Challenges of Trails Risk Public Acceptance Challenges	Almost Certain Ukely Moderate Unlikely Rare Ukel/hood (Circle One) Almost Certain Ukely Moderate Unlikely Rare Ukel/hood (Circle One) Almost Certain	Major Nederate Miror Insignificant Casastrophic Major Moderate Miror Insignificant Consequences (Circle One) Casastrophic	fix areas if necessary Mitigation Ensure public outreach ar participation is included throughout the planning design as well as local businesses.
Challenges of Trails Risk Public Acceptance Challenges Risk	Almost Certain Likely Moderate Unlikely Rare Likelhood (Circle One) Almost Certain Unlikely Rare Likelhood (Circle One) Almost Certain Likely	Major Moderate Minor Insignificant Consequences (facle One) Catastrophic Moderate Minor Insignificant Consequences (Circle One) Catastrophic Major	fix areas if necessary Mitigation Ensure public outreach ar participation is included throughout the planning design as well as local businesses.
Challenges of Trails Risk Public Acceptance Challenges	Almost Certain Ukely Moderate Unlikely Rare Ukelihood (Circle One) Almost Certain Ukely Moderate Rare Ukelihood (Circle One) Almost Certain Ukely Moderate	Major Moderate Minor Insignificant Consequences (Cacle One) Catastrophic Major Moderate Minor Insignificant Consequences (Cacle One) Catastrophic Catastrophic Major Major	fix areas if necessary Mitigation Ensure public outreach ar participation is included throughout the planning design as well as local businesses.
Challenges of Trails Risk Public Acceptance Challenges Risk	Almost Certain Likely Moderate Unlikely Rare Likelhood (Circle One) Almost Certain Unlikely Rare Likelhood (Circle One) Almost Certain Likely	Major Moderate Minor Insignificant Consequences (facle One) Catastrophic Moderate Minor Insignificant Consequences (Circle One) Catastrophic Major	Mitigation Ensure public outreach an participation is included throughout the planning design as well as local businesses.

Example Risks:

- Legal
- Permit
- Not Reaching Ecological Goal
- Not Reaching Economic Goals
- Maintenance
- Inadvertent Harm to the Environment
- Public Acceptance Challenges



Risk Assessment Summary

RISK	Carptenter Creek/ Bayou Texar Revitalization	Project Universal Access	Perdido Key Gulf Access	Perdido Key Multi-Use Path	OLF8 Commerce Park	South Dogtrack Drainage
LEGAL	97.86	41.00	25.66	16.93	71.55	154.20
BUDGET	60.86	49.79	41.00	35.50	86.00	63.20
PERMIT	29.20	22.83	34.98	24.74	25.85	109.56
TIMELINE/ OPERATIONAL/ MAINTENANCE	52.39	38.93	37.00	31.16	61.33	82.11
ECOLOGICAL	40.09	36.65	51.47	29.40	37.77	56.34
ECONOMIC	56.46	34.79	28.41	35.04	63.69	75.50
PUBLIC	45.93	37.62	84.64	73.14	69.69	60.07
TREASURY	16.00	64.00	16.00	16.00	64.00	144.00
TOTAL	398.79	325.61	319.16	261.91	479.88	744.98

Risk Explanations

RISK	Carptenter Creek/ Bayou Texar Revitalization	Project Universal Access	Perdido Key Gulf Access	IVIIIITI-LISA I	OLF8 Commerce Park	South Dogtrack Drainage
TOTAL	398.79	325.61	319.16	261.91	479.88	744.98
	 More Activities 	 Budget 	• Beach	• Public	• Legal Delays	Concerns
		Highly	Mouse	Opinion	& Concerns	with
	 Project Relies on 	Variable	Concerns	Concerns		Easement/
	Land Acquisition				 Budget 	Land
	& Easements	• May Need	• Public		Variable	Acquisition
		Extra Time/	Opinion			
	•Budget Variable	Effort for	Concerns		•More	 Permitting
		Treasury			Unknowns	Concerns
	 More Unknowns 	Review			without	with applicant
	without Master				Master Plan	draft design
	Plan					

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Project Title: OLF8 Commerce Park Improvements

Project Number: 26

		Notes					
		Habitat Restoration	Habitat Conservation & Preservation	Water Quality Improvements	Natural Systems Resiliency		
	5						
_	4						
ngt	3	1					
Strength	2						
Ś	1						
	0						

Economic Benefits Notes Recreational Industry & Tourism Workforce **Fishing & Local Job Creation Business** Opportunities Development Seafood Growth 5 4 Strength 3 2 1 0

		Notes				
		Transportation Network Improvement	Flooding Improvements	Community Resiliency		
	5					
-	4					
Bt	3					
Strength	2					
ŝ	1					
	0					

Benefits Review Sheet

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PROJECT BENEFITS	Carptenter Creek/ Bayou Texar	Project Universal	Perdido Key Gulf Access	wuiti-Use	OLF8 Commerce	South Dogtrack
	Revitalization	Access		Path	Park	Drainage
Habitat Restoration	3.64	1.08	2.20	1.86	1.56	3.29
Habitat Preservation	4.21	1.69	2.93	2.23	2.38	3.07
Water Quality	4.14	0.62	0.87	0.69	1.88	4.00
Natural Resiliency	3.93	0.92	1.60	1.25	1.75	3.43
ENVIRONMENT	15.93	4.31	7.60	6.03	7.56	13.79
Tourism Opportunities	2.07	4.00	4.33	4.07	2.00	0.36
Rec Fishing & Seafood	1.93	2.46	3.80	1.79	0.63	1.07
Job Creation	1.07	1.62	1.73	1.36	4.56	0.93
Business/Industry Growth	1.50	2.23	2.07	1.93	4.56	0.43
Workforce Development	1.15	1.31	0.93	0.36	4.56	0.57
ECONOMIC	7.73	11.62	12.87	9.50	16.31	3.36
Transportation Improvements	1.93	2.85	2.73	4.07	2.25	1.43
Flooding Improvements	4.14	0.54	0.60	0.36	1.75	4.64
Community Resiliency	3.93	1.85	1.67	1.00	2.00	4.00
INFRASTRUCTURE	10.00	5.23	5.00	5.43	6.00	10.07

Risks Vs. Benefits

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	Carptenter Creek/ Bayou Texar Revitalization	Project Universal Access	Perdido Key Gulf Access	Perdido Key Multi-Use Path	OLF8 Commerce Park	South Dogtrack Drainage
OVERALL RISK	398.79	325.61	319.16	261.91	479.88	744.98
OVERALL BENEFIT	33.66	21.16	25.47	20.96	29.87	27.22
Phase 1 Budget	\$1,090,000	\$300,000	\$123,000	\$800,000	\$1,270,000	\$200,000



Leveraging Opportunities

LEVERAGE	Carptenter Creek/ Bayou Texar Revitalization	Project Universal Access	Perdido Key Gulf Access	Perdido Key Multi-Use Path	OLF8 Commerce Park	South Dogtrack Drainage	Average Awarded Funding
NRDA	67-100%	67-100%	67-100%	32-66%	0-33%	32-66%	\$13,492,862.00
NFWF- Gulf Environmental Benefit	67-100%	0-33%	32-66%	0-33%	0-33%	32-66%	\$6,712,493.00
RESTORE Council	67-100%	0-33%	0-33%	0-33%	0-33%	32-66%	\$3,002,758.00
Triumph Gulf Coast	0-33%	0-33%	0-33%	0-33%	67-100%	0-33%	\$1.125 Billion for FL Panhandle; tbt
Tourism Grants	0-33%	67-100%	32-66%	32-66%	0-33%	0-33%	
Florida Forever Funds	32-66%	32-66%	32-66%	32-66%	0-33%	0-33%	Varies by Agency/Legislature
Coastal Partnership Initiative	32-66%	32-66%	32-66%	32-66%	0-33%	0-33%	\$45,000.00
319 Grant	67-100%	0-33%	0-33%	0-33%	0-33%	32-66%	\$343,827.00
FEMA Disaster Mitigation Grant	0-33%	0-33%	0-33%	0-33%	0-33%	32-66%	< \$15 Million
FEMA Flood Mitigation Assistance	0-33%	0-33%	0-33%	0-33%	0-33%	32-66%	Varies; \$199 Million Available
TMDL Water Quality Restoration	67-100%	0-33%	0-33%	0-33%	0-33%	32-66%	\$307,069.00
Defense Infrastructure	0-33%	0-33%	0-33%	0-33%	0-33%	0-33%	\$100,000-\$1 Million
FDOT	0-33%	0-33%	0-33%	67-100%	0-33%	0-33%	Varies

Summary

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Project	Phase 1	Future Phases	Total Project Cost
Carptenter Creek/ Bayou Texar Revitalization	\$1,090,000	\$4,885,000	\$5,975,000
Project Universal Access	\$300,000	\$3,500,000	\$3,800,000
Perdido Key Gulf Access	\$123,000	\$1,525,000	\$1,648,000
Perdido Key Multi-Use Path	\$800,000	\$5,700,000	\$6,500,000
OLF8 Commerce Park	\$1,270,000	\$17,767,790	\$19,037,790
South Dogtrack Drainage	\$200,000	\$7,900,000	\$8,100,000
Total	\$3,783,000	\$41,277,790	\$45,060,790
Direct Component (Pot 1) Funds	\$12,022,399 (Current Pot 1 Funds Available)	\$58,523,295 (Future Pot 1 Funds)	\$70,961,544 (Total Pot 1 Funds)

Next Steps

- Additional Analysis
- Selection of Project(s)
- Develop Scope of Work for Design
- Drafting the Multi-Year Implementation Plan to include selected projects

