

BAY COUNTY' S STORMWATER MANAGEMENT

- Objectives
- Overview
- Existing Infrastructure
- Strategic Plan for Stormwater System
- Stormwater Master Plan
- Last 20 years
- Conclusion

OBJECTIVES

- Economic Development and Job Creation
 - Conserve and protect natural resources
 - Community resilience planning
- Environment
 - Improve and protect the St. Andrew Bay watershed
 - Improve and protect water quality
- Public Infrastructure
 - Public infrastructure for environment and economy
 - Maintain water quality in Deer Point Lake
 - Upgrading stormwater treatment facilities



EXISTING INFRASTRUCTURE

- 70 miles of outfall ditches
- Over 800 miles of roadside ditches/swales
- 51 bridges
- 84 box culverts
- 80.5 miles of pipes
- 9,301 inlets, headwalls, mitered ends
- 125 treatment facilities
- 51 Beach Outfalls (19 County)
- 1,311 Drainage Easements

Strategic Plan for Stormwater System

- Developed in 1994
- Planned Programs
 1. 60 NOV's
 2. GIS Inventory of Stormwater System
 3. Master Storm Drainage Plan (MSDP)
 4. CIP Project list from MSDP
 5. Major Maintenance
 6. Treatment Facilities/Major Erosion Control Projects
 7. Dredging
 8. Funding Options

Master Storm Drainage Plan

- Developed in 1997
- Planned Programs
 1. Regulatory Requirements
 2. Data Assessment (system mapping., water quality)
 3. Best Management Practices (structural and non structural)
 4. Level of Services, Comprehensive Plan and Ordinance Review
 5. Problem Area Identification and Prioritization
 6. Stormwater Facilities Operation and Maintenance

LAST 20 YEARS

- Inventoried Drainage System
- Revised our Land Use Code, Flood Plain Ordinance and Comprehensive Plan
- Completed 6 detailed sub basin master plans
- Completed 49/60 NOV's
- Completed over 33 drainage CIP projects \$11+ millions
- Stabilized over 150 miles of dirt roads (40%)
- Initiated an in-house Dredging Program
- Implemented a County Stormwater Utility

CONCLUSION

- Master Plan and Strategic Plan are a Road Map
- Been very successful for Bay County
- Things have changed
 - Last 20 years' of improvements
 - New regulations
 - New programs (NPDES and TMDL)
- Time for an update

**To Map The Road of Bay
County's Success for the next 20
years**

