

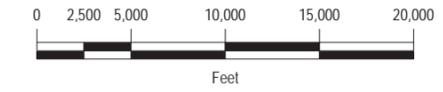
- Site Descriptions**
- 1.01 - Escatawpa Area
 - 1.02 - Helena Area
 - 1.03 - Dutch Bayou
 - 1.04 - Indiantown Road
 - 2.02 - Grierson Street
 - 2.03 - Magnolia Street/ Mayo Avenue
 - 2.04 - Sherlawn Drive
 - 2.05 - Belview Street
 - 2.06 - Greenwich Avenue
 - 2.07 - Robinway Drive
 - 2.09 - Coventry Drive
 - 2.10 - Convent Avenue
 - 2.11 - Bay Avenue/ Union Street
 - 2.12 - Evergreen Street
 - 2.13 - Bayou Avenue
 - 2.14 - Lake Avenue
 - 2.15 - Telephone Road
 - 2.16 - Hyland Drive
 - 2.17 - Morgan Avenue

- 2.18 - Frank Griffin Road
- 2.19 - Elder Ferry Road
- 2.21 - Molden Street/ Verlon Avenue
- 2.22 - McInnis Avenue
- 2.23 - Grierson Street @ Hwy 63
- 2.24 - Gregory Street
- 2.25 - Rhodes Bayou
- 2.26 - North Drive Canals
- 2.27 - Choctaw Marina
- 2.28 - Beardslee Lake
- 2.29 - Bellview Street Bayou
- 2.30 - Small Point Bayous
- 2.31 - Magnolia Street/ Jefferson Avenue
- 3.01 - Ladner Street/ College Park Watershed
- 3.02 - 11th Street/ Parsley Street Watershed
- 3.03 - Shamrock Watershed
- 3.04 - Gleen Heath/ Holly Heath Watershed

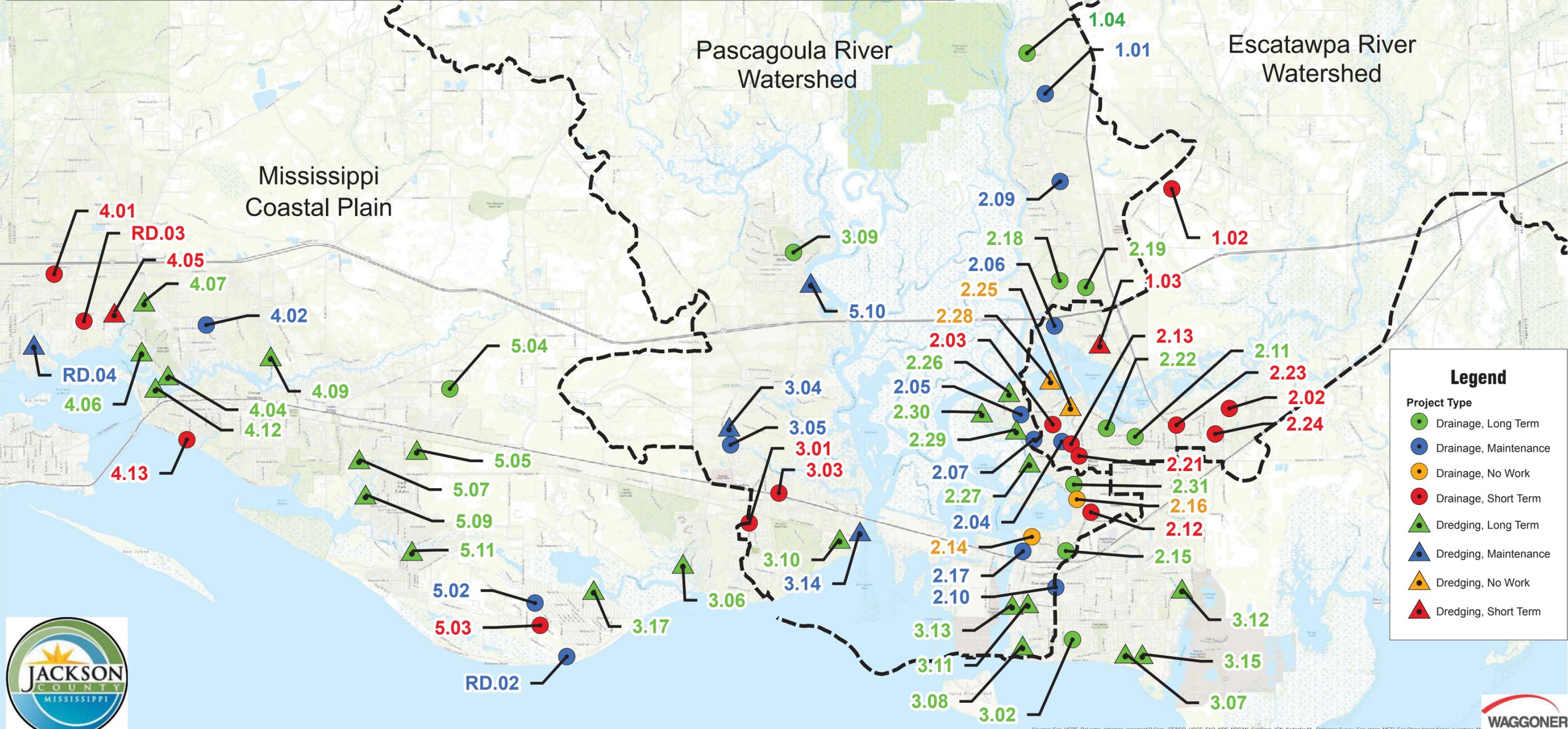
- 3.05 - Rolling Meadows Watershed
- 3.06 - Point Clear Watershed
- 3.07 - Bayou Chicot Watershed
- 3.08 - Inner Harbor/ Lake Yazoo
- 3.09 - Hickory Hills Watershed
- 3.10 - Bayou Pierre/ Italian Isle Watershed
- 3.11 - Community Avenue/ Bayou Yazoo Watershed
- 3.12 - Upper Bayou Casotte Drainage Area
- 3.13 - Canty Street Bayou
- 3.14 - De La Pointe Drive/ Frenchmans Drive
- 3.15 - Enger Bayou
- 3.17 - Upper East Graveline Bayou
- 4.01 - Cedar Grove
- 4.02 - Windsor Port
- 4.04 - Gulf Hills Shore Drive
- 4.05 - Porteaux Bay Drive

- 4.06 - Fairway
- 4.07 - Lemoyne Avenue @ Hwy 609
- 4.09 - Vermont Avenue
- 4.12 - Fort Avenue Boat Launch
- 4.13 - Washington Avenue & Front Beach Drive
- 5.02 - Ocean Beach
- 5.03 - St. Andrews Drive
- 5.04 - CCC Camp Road
- 5.05 - Ocean Springs Inlet
- 5.07 - Heron Bayou
- 5.09 - Davis Bayou
- 5.10 - Rosemont/ Hastings Road
- 5.11 - East Simmons Bayou
- RD.02 - St. Andrews South
- RD.03 - Porteaux Bay Subdivision
- RD.04 - St. Martin Road & Lorraine Circle

Jackson County Conceptual Drainage and Dredging Assessment Site Map



1 inch = 4,500 feet



Legend

Project Type

- Drainage, Long Term
- Drainage, Maintenance
- Drainage, No Work
- Drainage, Short Term
- ▲ Dredging, Long Term
- ▲ Dredging, Maintenance
- ▲ Dredging, No Work
- ▲ Dredging, Short Term





Jackson County Conceptual Drainage and Dredging Assessment

Report Methodology

List of sites compiled with historical or current known deficiencies

- Interviews with County and City Officials conducted to gather information related to drainage issues



Field Investigations and Hydraulic Analysis conducted for each site

- Size and condition of existing drainage structures and channels noted and documented.
- Depths of bayous recorded
- Capacity of drainage structures evaluated utilizing the Rational Method and USGS regional regression equations
- Dredging volumes calculated from recorded bayou depths



Recommendations and Opinions of Probable Cost developed for each site

- Improvements recommended based on Hydraulic and Dredging Analysis



Each site ranked based on Project Prioritization Criteria

- Ranking each site enabled the categorization of the sites into either Short-Term, Long-Term, or County Maintenance projects. The implementation of the site improvements within each category is not subject to ranking order necessarily



Potential Funding Sources Identified and Implementation Strategy Developed

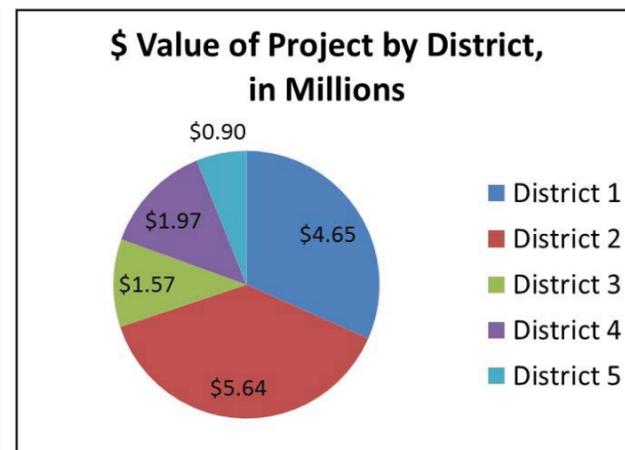
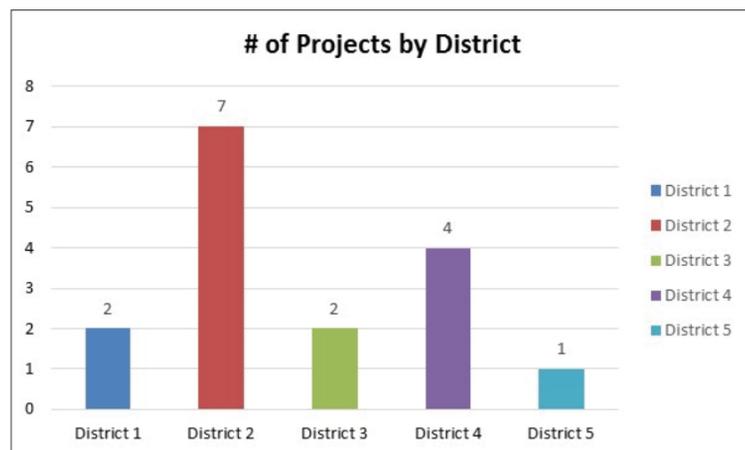


Recommended Capital Improvements

Short Term Improvements:

Activities to be undertaken within the next 1 to 5 years which are an imminent hazard to public safety and welfare.

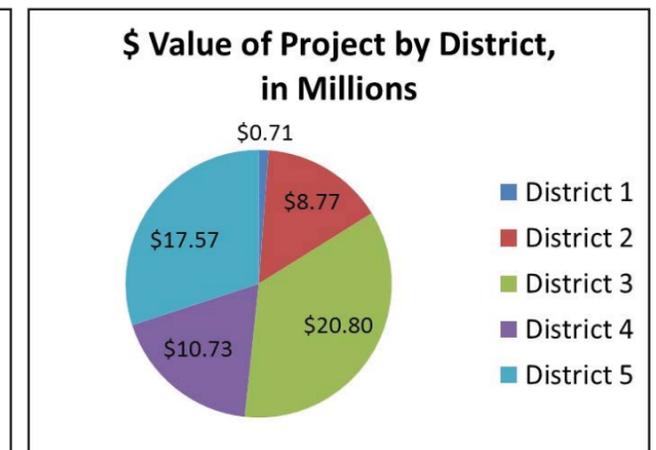
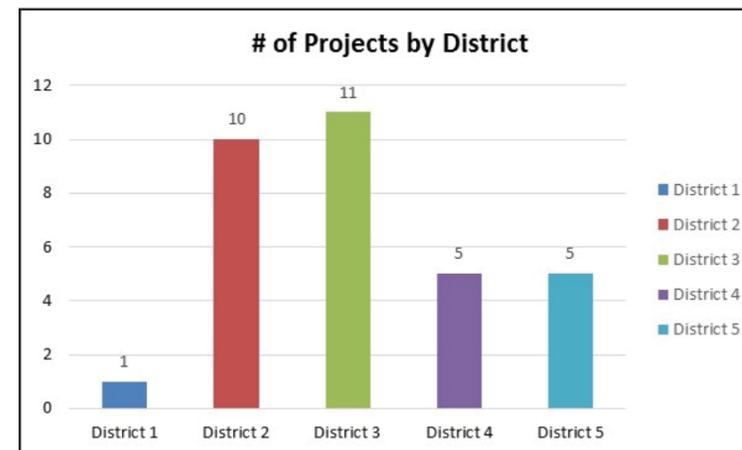
- **16** Short Term Improvement Activities
- **\$14,721,000** total estimated cost
- Activities include:
 - ◇ Removal of vegetation and debris
 - ◇ Replacing and upgrading culverts, inlets, pipes, and channels
 - ◇ Slope stabilization
 - ◇ Channel dredging



Long Term Improvements:

Activities to be undertaken but not an imminent hazard to public safety and welfare. The recommended timeline for long term improvements is 5 to 10 years.

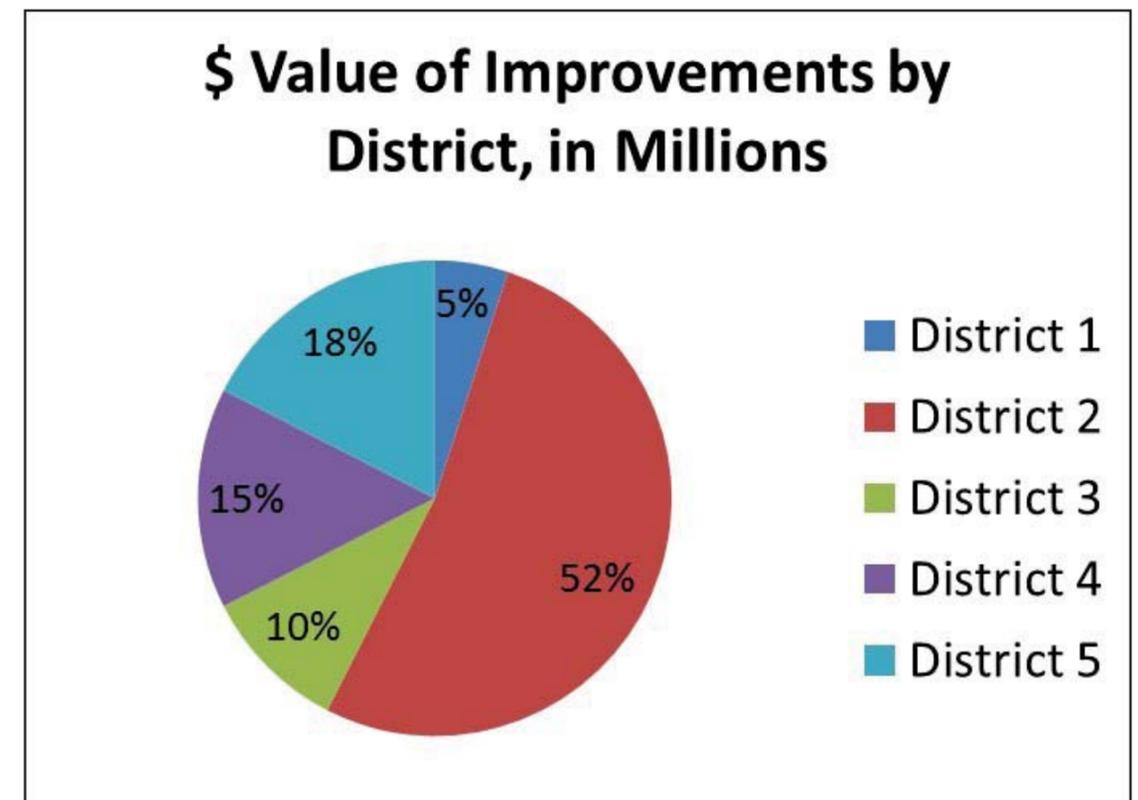
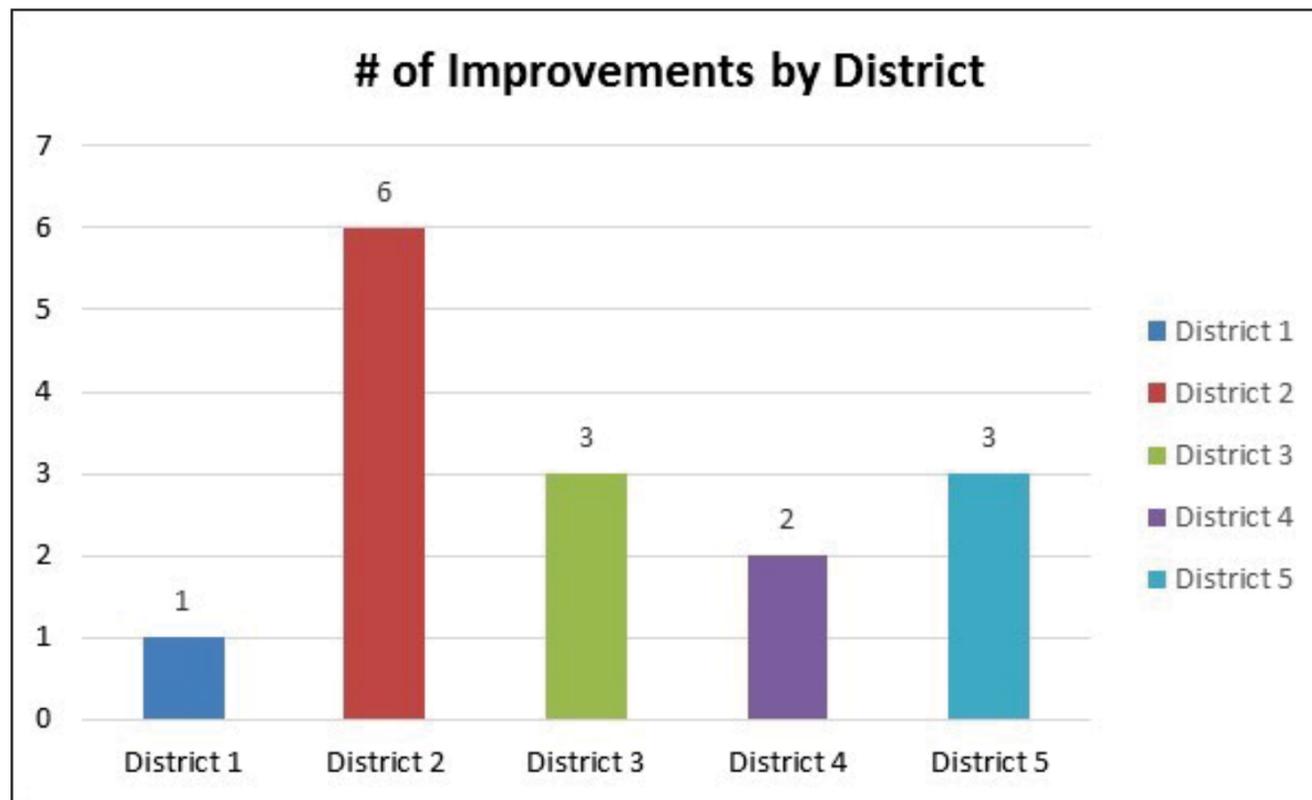
- **32** Long Term Improvement Activities
- **\$58,576,000** total estimated cost
- Activities include:
 - ◇ Removal of vegetation and debris
 - ◇ Replacing and upgrading culverts, inlets, pipes, and channels
 - ◇ Channel re-routing
 - ◇ Channel dredging





Recommended County Maintenance Improvements

- Site enhancements selected for implementation by Jackson County maintenance forces.
- Activities were selected based upon cost, complexity of construction, and the County resources availability.
- The recommended county maintenance site improvements include **activities with a cost of \$500,000 or less**.



- **15** recommended maintenance improvements
- **\$4,098,000** total opinion of probable cost
- In addition to implementation of County Maintenance activities, a public outreach program is recommended to elevate awareness on how to prevent or mitigate drainage issues and the importance of access.



Program Implementation Approach

