



**DRAINAGE DESIGN
THAT MAKES SENSE**

October 11, 2016

6 p.m.

DRAINAGE INITIATIVE UPDATE

**Calcasieu Parish Police Jury
Drainage Committee Meeting**

RECOMMENDATIONS

- Vote to recommend that the Police Jury approve the following on October 20:
 - Adoption of the Drainage Policy Framework
 - Moving forward with the Calcasieu Drainage Coalition – working with cities and drainage districts to develop complementary policies throughout the parish, related development ordinances, and determine next steps on capital projects and related funding



PUBLIC OUTREACH & KEY TAKEAWAYS

PUBLIC OUTREACH AND STAKEHOLDER ENGAGEMENT

- 3 public open houses (in addition to regularly scheduled Police Jury and committee meetings)
- 2 public comment periods, 138 public comments
 - Submissions accepted via cppj.citizenreach.com, email, phone, and mail
- 18 stakeholder focus group working sessions
- Meetings with Mayors and City Council Representatives, Gravity Drainage Districts, GO Group Task Forces, and more
- Social media utilized throughout as mechanism for public education and soliciting feedback

KEY TAKEAWAYS

- Must work together to develop policies, ordinances, and capital project programming with a common mission in mind
- Must address both current and long-term needs through policies **and** projects
- Approach must be based on sound science and engineering, as well as public feedback
- Must be realistic about how to approach maintenance
- Must use existing funding wisely
- Effort must help sustain development, not hinder it

KEY CHANGES BASED ON FEEDBACK

- Detained storage volume was originally proposed to be at a 100-year storm event level but was changed to a 25-year level based on stakeholders' concerns about the severity of cost impact.
- We removed the prohibition of developing within the first 200 feet of the floodplain area.
- We moved from a singular policy focus to one that balances long-term policy changes with short-term projects (capital programming).



DRAINAGE POLICY FRAMEWORK

PROPOSED DRAINAGE DESIGN & CONSTRUCTION CRITERIA

- All new development activity must meet or exceed the following:
 - Maintain or lower existing water surface elevation profiles in receiving system
 - Protect and enhance flood storage volumes within the established 100-year floodplain
 - All new structures to follow minimum freeboard requirements



CALCASIEU DRAINAGE COALITION

PARISHWIDE DRAINAGE MANAGEMENT

Calcasieu Drainage Coalition

Policies and Ordinances

DEVELOPMENT

Standards for development and maintenance– parish and cities should be similar

ENFORCEMENT

Appropriate departments at Police Jury and cities; GDDs

Capital Improvement Program (CIP)

Police Jury takes lead role, solicits input from cities and drainage districts prior to program development

Functions as a three-year revolving program – updated annually – utilizing sound criteria for prioritization

CALCASIEU DRAINAGE COALITION

- Intended purpose is to serve a key role in consistent enforcement of polices and ordinances for development and maintenance (“the glue”)
- As proposed, includes staff representatives from parish, cities, and Gravity Drainage Districts
 - Examples: public works directors, planners, superintendents, engineers, DOTD, and others as needed

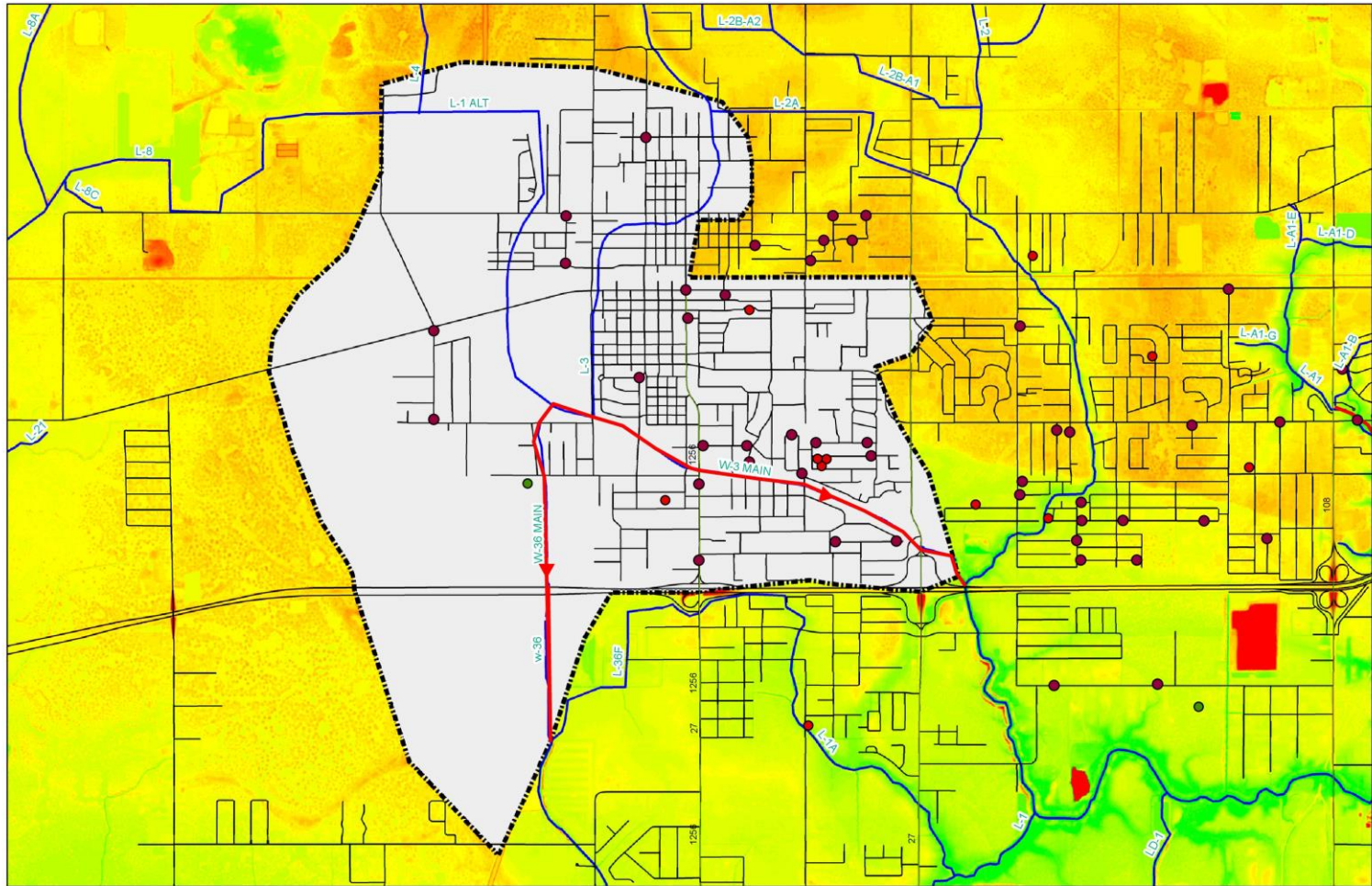
CALCASIEU DRAINAGE COALITION

- Enforcement and accountability
 - **Shorter Term:** Meet frequently in short term to transition from policies to ordinances; as-needed afterward
 - **Longer Term:** Meet quarterly to discuss capital improvement programming and coordinate policy/ordinance enforcement
 - **Following disasters and emergencies** (including major rain events), coalition will meet to reassess project needs and other necessary changes

CAPITAL IMPROVEMENTS PROGRAM

- Development and maintenance of program
 - Police Jury takes lead role, solicits comprehensive input from cities and drainage districts prior to CIP development
- Utilizes sound criteria for prioritization (ensures allocations to smaller areas)
- Would be a three-year revolving program, updated annually

PROJECTS TO BE CONSIDERED ON A WATERSHED BASIS



COALITION NEXT STEPS

- Through Drainage Coalition, develop initial list of the top 10 projects on the priority list – determined through public feedback and prioritized through criteria framework
 - Spring 2017 (anticipated)



NEXT STEPS

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