

John Paul

From: Martin Smith <msmith@ecologicaldg.com>
Sent: Tuesday, April 26, 2016 7:37 AM
To: John Paul; Carolyn Ashcraft (carolyn@library.arkansas.gov); Whitney Hayes; Joy Lynn Bowen (joy.bowen@arcare.net); George Ann Draper (g.draper@att.net); Jerry Harvey; Joy Shepherd (jshepherd@sbrmc.org); Kitty Bingham (kitty.bingham@arkansas.gov); Reta Ragland (retarag@msn.com)
Subject: Floodplaining Mapping Revision Process

All, as mentioned in past public meetings there is the potential to mitigate the floodplain, but keep in mind this has been looked at by many and no one has devised a successful plan over the past 36 years. The flood of 1974 is what spurred the original FEMA floodplain map for Wynne in 1980, after the Caney Creek Lateral No.5 and Turkey Creek Reservoir Improvements. This is complicated and I will attempt to break down as simply as possible in regards to the process moving forward.

Process:

- A. Obtain the current **Effective** Federal Emergency Management Agency (FEMA) **hydraulic model** for Caney Creek Lateral No.5 including any Letter of Map Revision (LOMR) models filed with FEMA.
 - i. This is provided free of charge if requested by the City of WynneSimply put – Properly Request from FEMA the model used to define the current 1980 floodplain

- B. Reproduce the Effective FEMA water surface elevations – creating the **Duplicate Effective model**. Modify the Duplicate Effective hydraulic model as necessary to create the **Corrected Effective model** if warranted. (The corrected effective model is the model that corrects any errors that occur in the duplicate effective model, adds any additional cross sections to the duplicate effective model, or incorporates more detailed topographic information than that used in the current effective model. The corrected effective model must not reflect any man-made physical changes since the date of the effective model.
 - i. This model is planned to be updated available 2017 and available for all communities free of charge – The Federal Government is paying for all flood mapping to be updated for the L'Anguille River Watershed. This will not include detailed topographic survey information required to create the most accurate model, but will provide an updated current Effective FEMA hydraulic model for Caney Creek and Turkey Creek.

Update model with more accurate topographic survey information and/or additional surveyed Cross Sections taken in the stream.

*we are currently acquiring a proposal from Global Surveying for the following:

1. Cross Sections at each street crossing for the stream between Hwy 1 and the Railroad along with one east of Hwy 1 and 1 west of the railroad.
2. Survey of the existing subsurface stormwater system including all inlets and drainlines for downtown Wynne.

*I would advise the City of Wynne to provide the more detailed sections and topographic information to the firm developing the new model for greater accuracy

- C. Modify the Existing Conditions hydraulic model as necessary using the development plans provided by EDG to create the **Post-Project Conditions model**. (The Existing or Pre-Project Conditions Model {or Duplicate Effective Model or Corrected Effective Model, as appropriate} is modified to reflect revised or post-project conditions. This model must incorporate any physical changes to the floodplain since the effective model was produced as well as the effects of the project.)

Incorporate the stormwater design improvements for Merriman Streetscape and Caney Creek Lateral No.5 as prepared by EDG, Inc.

- D. Issue LOMR (Letter of Map Revision) or Conditional Letter of Map Revision (CLOMR) to FEMA.

How to Make the Process feasible:

1. L'Anguille River Watershed: Section 303(d) Federally Impaired River
 - a. The 303(d) list is developed by ADEQ (Arkansas Department of Environmental Quality) every two years under provisions of **Section 303(d) of the Federal Clean Water Act**. ADEQ assesses water quality monitoring data from numerous locations around the state and utilizes a comprehensive assessment methodology to determine which waters are not meeting their designated uses or water quality standards as listed in the Arkansas Water Quality Standards (Regulation 2 of the Arkansas Pollution Control and Ecology Commission).
<https://www.adeg.state.ar.us/water/planning/integrated/303d/list.aspx>
2. Section 319 Grants available for the L'Anguille River Watershed (Caney Creek Lateral No.5 is part of this system and problem stream)
 - a. Since 1990, the Arkansas Natural Resources Commission (ANRC) has been the lead agency for the **Arkansas Nonpoint Source (NPS) Pollution Management Program**. ANRC has oversight over the NPS Grant Program, and funds 319 projects related to nonpoint source pollution management. Require 43% Match to Grant.
 - i. This grant is due October 15th 2016 and would include improvements to Caney Creek including Riparian areas to mitigate floodwaters in open greenspace along the stream between Killough and the Railroad at Front Street. 500k-1million grant opportunities
3. TAP (Transportation Alternative Program) AHTD
 - a. The TAP provides funding for programs and projects defined as transportation alternatives, replacing the funding from per-MAP-21 programs including Transportation Enhancements, Recreational Trails (RTP), and Safe Routes to School (SRTS), wrapping them into a single funding source.
 - i. The TAPS grant would be available for streetscape improvements and flooding mitigation along Merriman Avenue. 100k-500k grant opportunities.

RECAP:

- A. Obtain Effective Hydraulic Model from FEMA (City of Wynne can request this at no charge) and take on expense of items B,C and D.
OR
- B. Wait until FEMA releases the new Effective Hydraulic Model currently underway available 2017
 - a. Provide creek cross section and sub surface stormwater information to firm working on this model to create more accuracy (City of Wynne would be responsible for this expense)
- C. Incorporate Merriman Street Improvements and Proposed Caney Creek Improvements to the updated Effective Hydraulic Model to Create a
- D. Post Project Conditions Model and issue to FEMA
- E. Letter of Map Revision (LOMAR)

REQUIREMENTS FOR FEASIBLE CONSTRUCTION and DESIGN MEASURES:

- A. Applying for TAPS Grant due June 1st. (City of Wynne Street Department Sponsorship up to \$100,000 to obtain up to \$400,000 grant monies)
- B. Applying for section 319 Grant due October 15 (Sponsor? And where is this 43% matching grant money coming from?)
- C. Writing Stormwater Management Policy for the City of Wynne and Passing through City Council – To include Low Impact Development and Best Management Practices.

Martin

From: John Paul [<mailto:jpaul@crosscountylibrary.org>]
Sent: Monday, April 25, 2016 3:44 PM
To: Carolyn Ashcraft (carolyn@library.arkansas.gov); Whitney Hayes; Martin Smith; Joy Lynn Bowen (joy.bowen@arcare.net); George Ann Draper (g.draper@att.net); Jerry Harvey; Joy Shepherd (jshepherd@sbrmc.org); Kitty Bingham (kitty.bingham@arkansas.gov); Reta Ragland (retarag@msn.com)
Subject: It's Official Now

Attached is the letter being given to county officials today requesting the sale/earmarking or the transfer of the existing library property at 410 E. Merriman for a larger library. Also, a webpage with documents related to the project for the public has been posted.

In those immortal words of Ben Franklin, *"We must all hang together, or, most assuredly, we shall all hang separately."* And in the words of Walter Cronkite, *"Whatever the cost of our libraries, the price is cheap compared to that of an ignorant nation."*

Best,
JP



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