

**COMMON COUNCIL  
SPECIAL SESSION (STORMWATER)  
Tuesday, September 18, 2018  
5:30 P.M.**

The Common Council of the City of Huntingburg met in Special session on Tuesday, September 18, 2018 at the hour of 5:30 P.M. in the Council Chambers of the Huntingburg City Hall at 508 E. Fourth Street, Huntingburg, Indiana. Members Kissling, Wehr and McPherron were present. Also present were Mayor Spinner and Clerk-Treasurer Dippel. Members Blessinger and Bounds were absent.

Mayor Spinner called the meeting to order.

The Mayor indicated that this is a Special Council meeting for the receipt of public information and input from the public concerning the stormwater project. He noted that the meeting tonight is all about listening to the public's stormwater concerns. He indicated the goal tonight is to identify problem areas and come up with a plan for potential fixes. He noted that after a brief presentation each attendee will have the chance to voice their individual concerns.

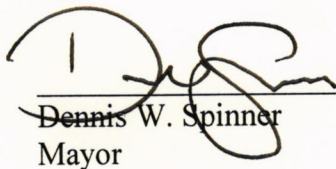
The Mayor indicated that Commonwealth Engineers was selected to conduct this stormwater study.

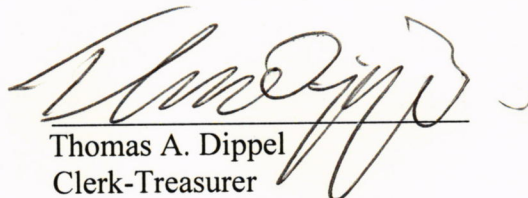
Eric Parsley, Project Manager with Commonwealth Engineers, made a presentation to the Council and the public (Exhibit A) concerning the stormwater issue. He indicated that 4 other engineers are also with him to gather the public's concerns. Parsley indicated that sign-in sheets are being passed around along with comment cards to voice concerns as the study goes along and that an e-mail address is being provided that will go directly to the engineering firm. He noted that, after the presentation, the public will separate into different breakout groups based on the area of the City where their concerns are. He noted the challenges of funding improvements and noted that a stormwater utility does not exist now and that stormwater issues are being taken care of by the Street Department. He noted one of the goals of the study is to determine the appropriate budgetary numbers for stormwater maintenance and stormwater improvements.

Parsley indicated that the stormwater study is planned to be completed by the end of the year.

The Mayor noted that the official part of the Council meeting was the stormwater presentation and asked for an adjournment of the Council meeting.

With the presentation complete and there being no further business before the Council, a motion was made by McPherron, seconded by Kissling and carried to adjourn the meeting at 5:57 o'clock P.M.

  
Dennis W. Spinner  
Mayor

  
Thomas A. Dippel  
Clerk-Treasurer



# City of Huntingburg Stormwater Public Input Meeting

**RECEIVED**  
SEP 21 2018

CLERK TREASURER'S OFFICE  
CITY OF HUNTINGBURG



*Council Meeting  
9/12/18  
5:30pm  
Exhibit A*





# Presentation Outline

- Introduction - Why Are We Here
- Stormwater Challenges
  - Extreme Rainfall Events
  - Flood Zone Proximity
  - Resources
- Stormwater Plan Next Steps
- Public Input Breakout Session



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# Stormwater Utility Creation - Study

*Creation of a storm sewer utility is the foundation needed to address current issues, properly plan, and execute effective storm water management strategies.*

Commonwealth can assist with the following measures:

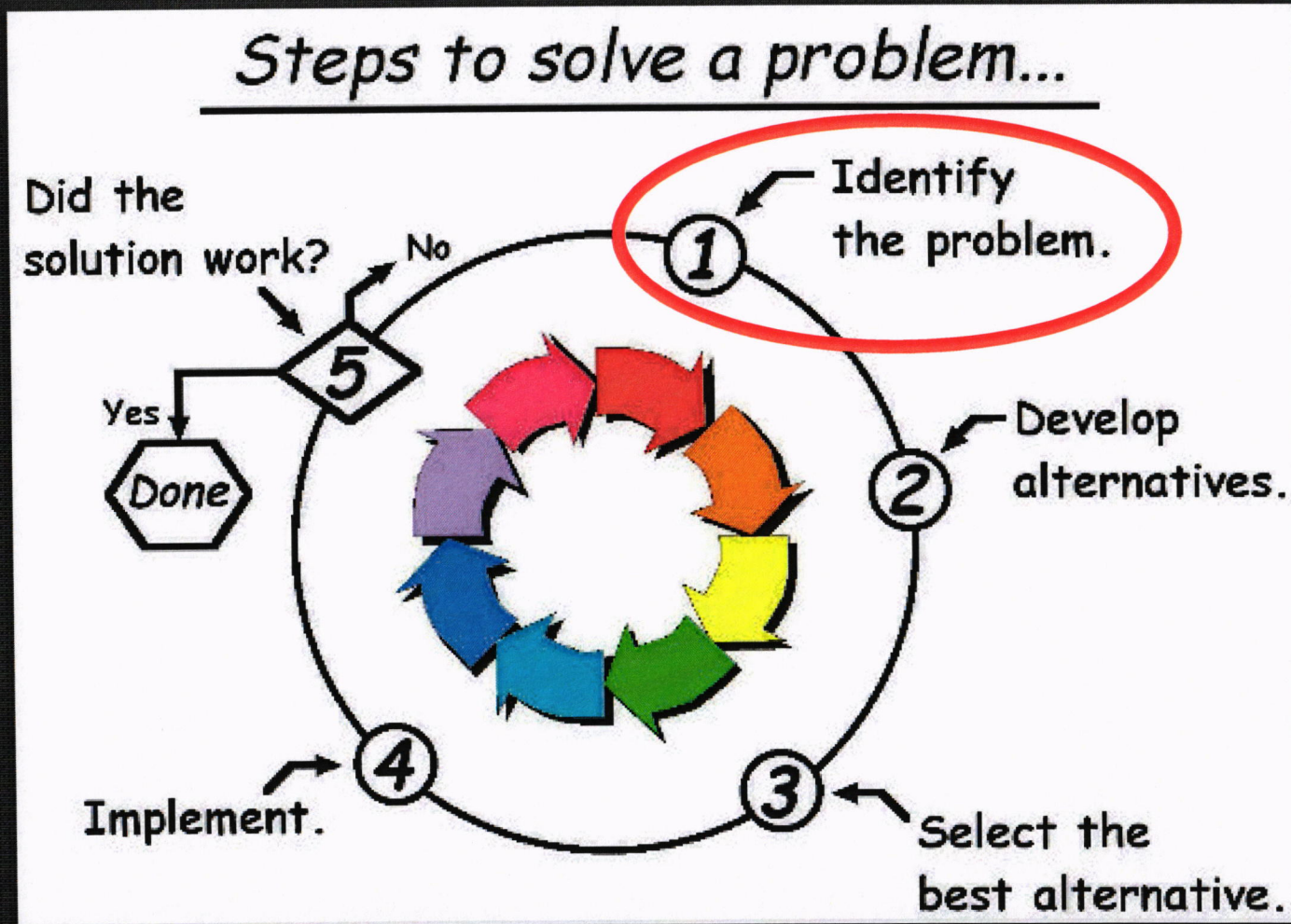
- Public Outreach / Education
- Public Involvement /Participation
- Hydraulic/Hydrologic Studies
- Stormwater Ordinances
- Construction Site Runoff
- Capital Improvements Projects
- Pollution Prevention/Good Housekeeping





# Where are we in the Process?

WHERE ARE THE PROBLEMS ??





# Where are we in the Process?

Public Input Breakout Session

## ZONES



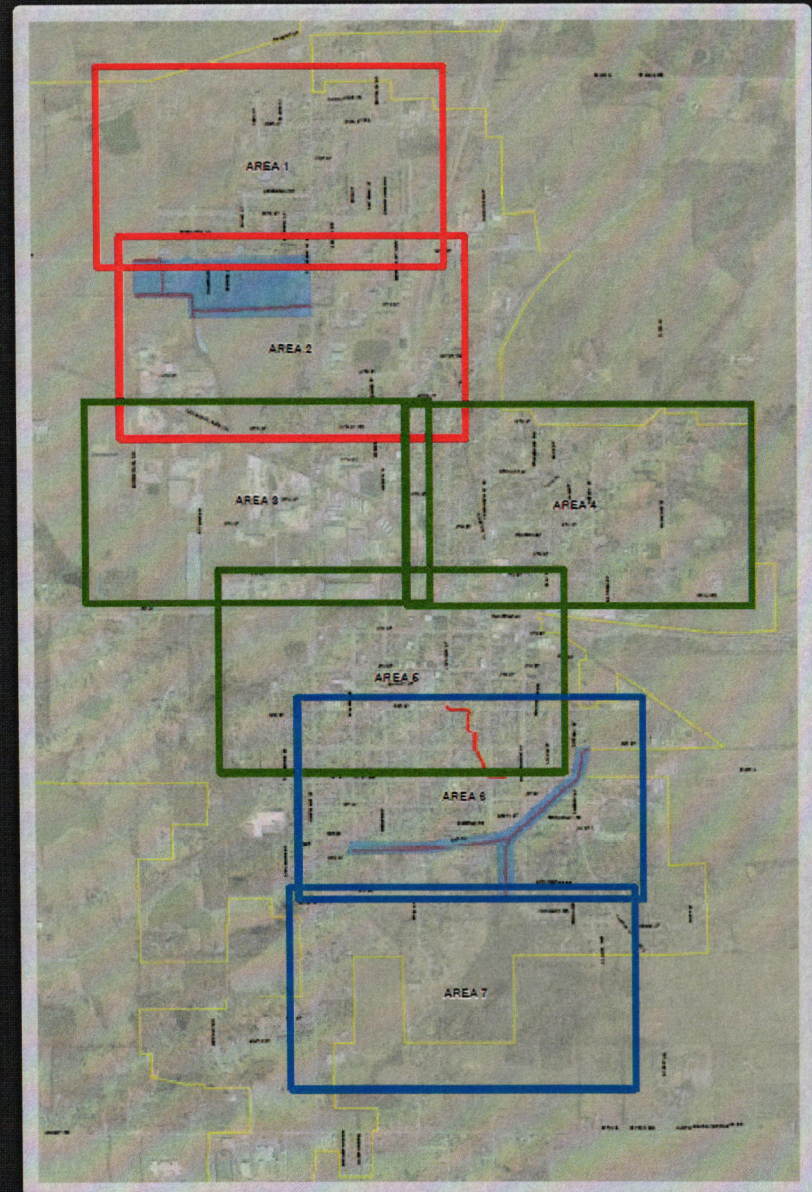
ZONE 1



ZONE 2



ZONE 3





# Stormwater Challenges - Large Rain Events

September 8, 2018





# Stormwater Challenges - Large Rain Events

100 year Storm...What is that??

Annual Exceedance Probability =  $1/\text{Return Period}$

10-year Rain Event =  $1/10 = 10\%$  Chance

50-year Rain Event =  $1/50 = 2\%$  Chance

100-year Rain Event =  $1/100 = 1\%$  Chance





# Stormwater Challenges - Large Rain Events

Per Huntingburg Ordinance For Residential Developments

The 50 Year Storm Runoff Rate (Post Project) shall not exceed the 10 year Storm Runoff Rate Pre-Project



10-year 48 hour Rain Event = 5.35 inches of rain

50-year 48 hour Rain Event = 7.77 inches of rain

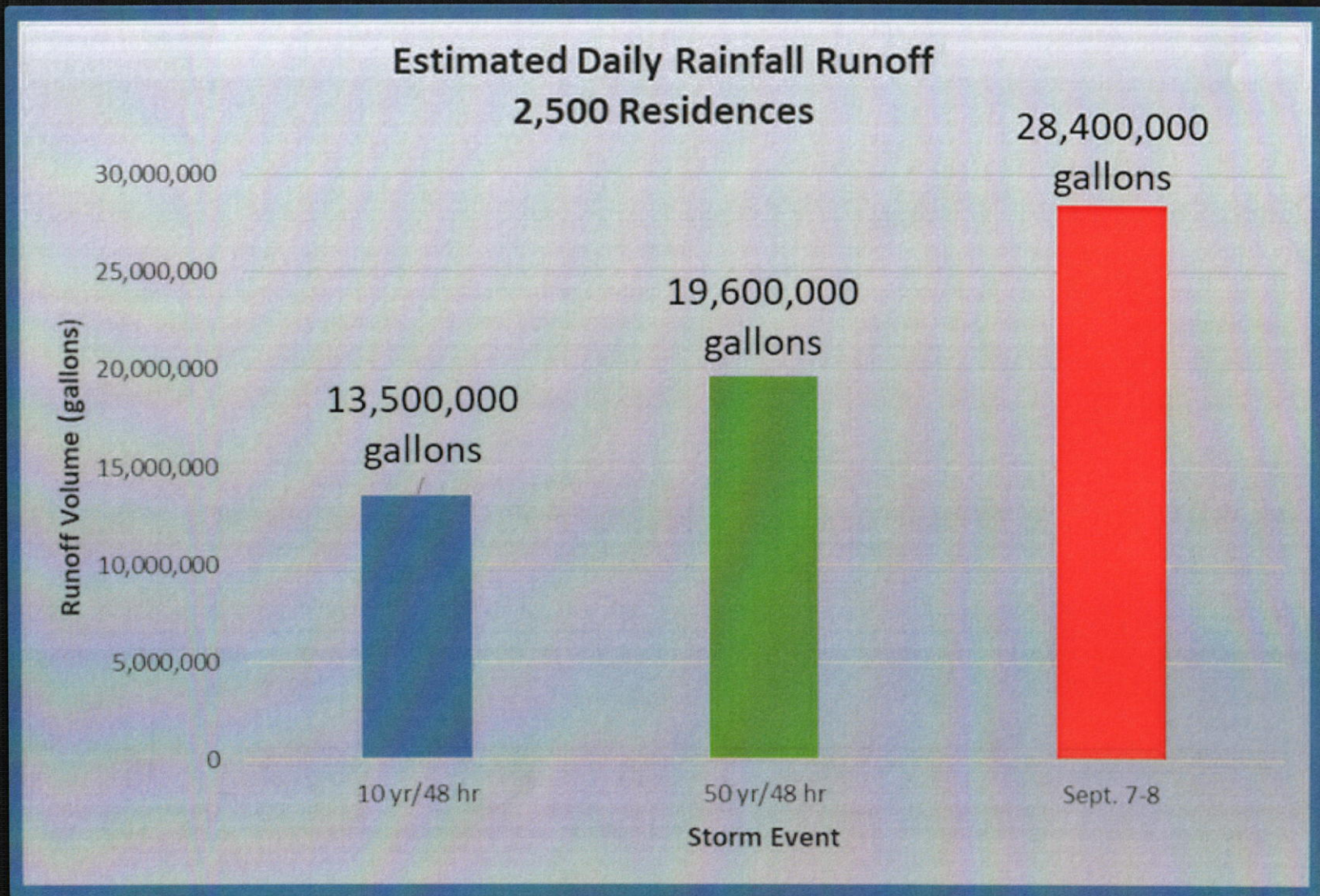
100-year 48 hour Rain Event = 9.08 inches of rain

September 7-8, 2018

Huntingburg Recorded 11.25 inches of rain



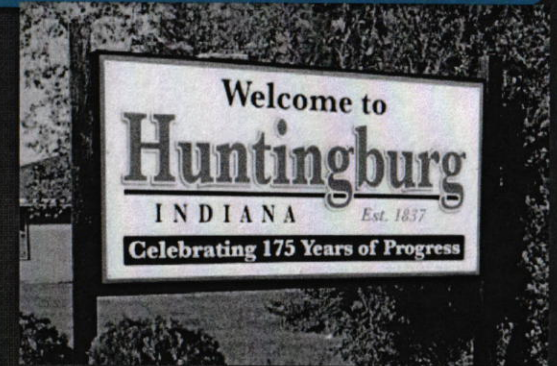
# Stormwater Challenges - Large Rain Events





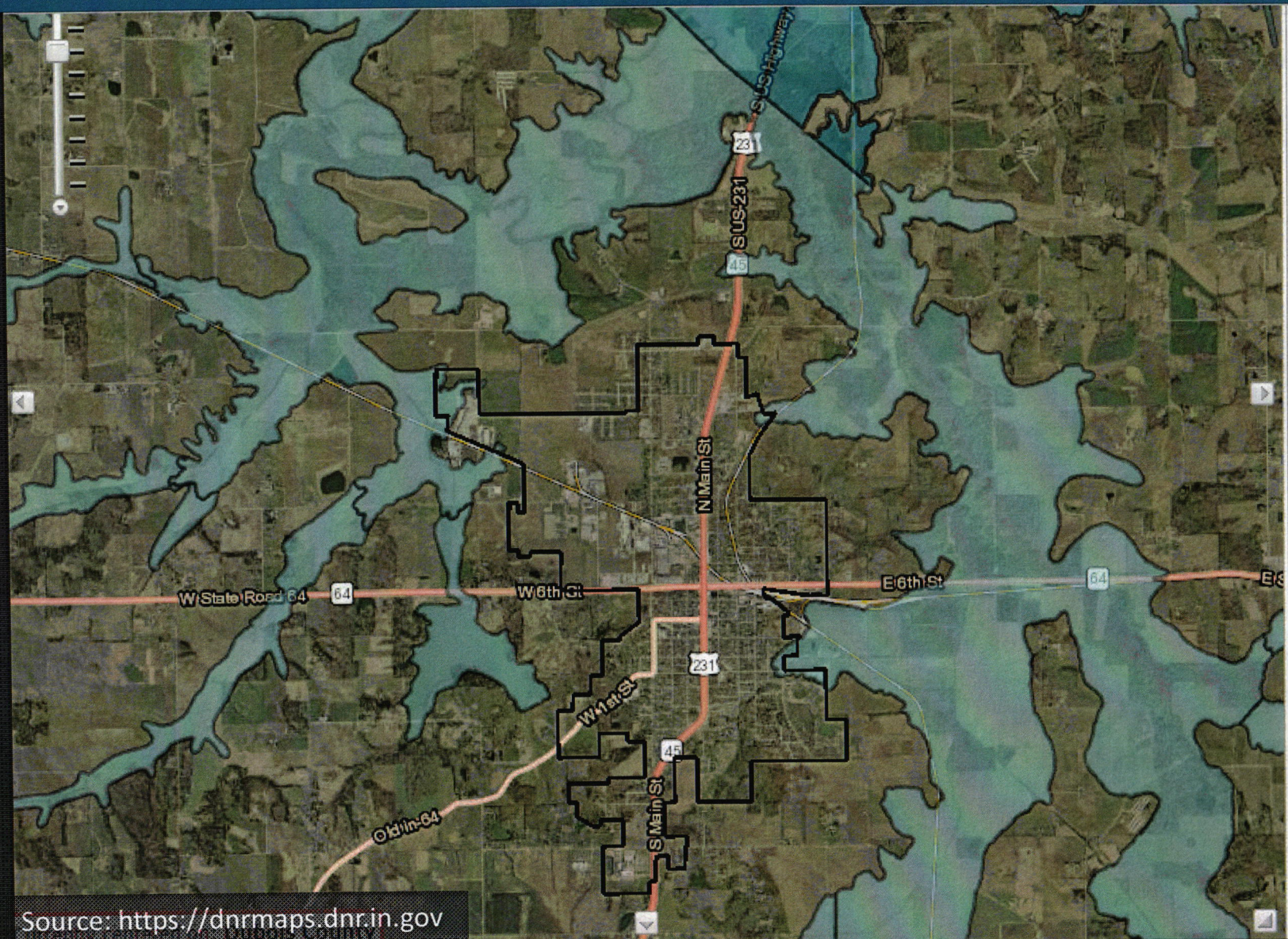
# MOVE IT OUT FAST - BUT WHERE WILL IT GO

Water Must have somewhere to go





# MOVE IT OUT FAST - BUT WHERE WILL IT GO



Source: <https://dnrmaps.dnr.in.gov>



# MOVE IT OUT FAST - BUT WHERE WILL IT GO



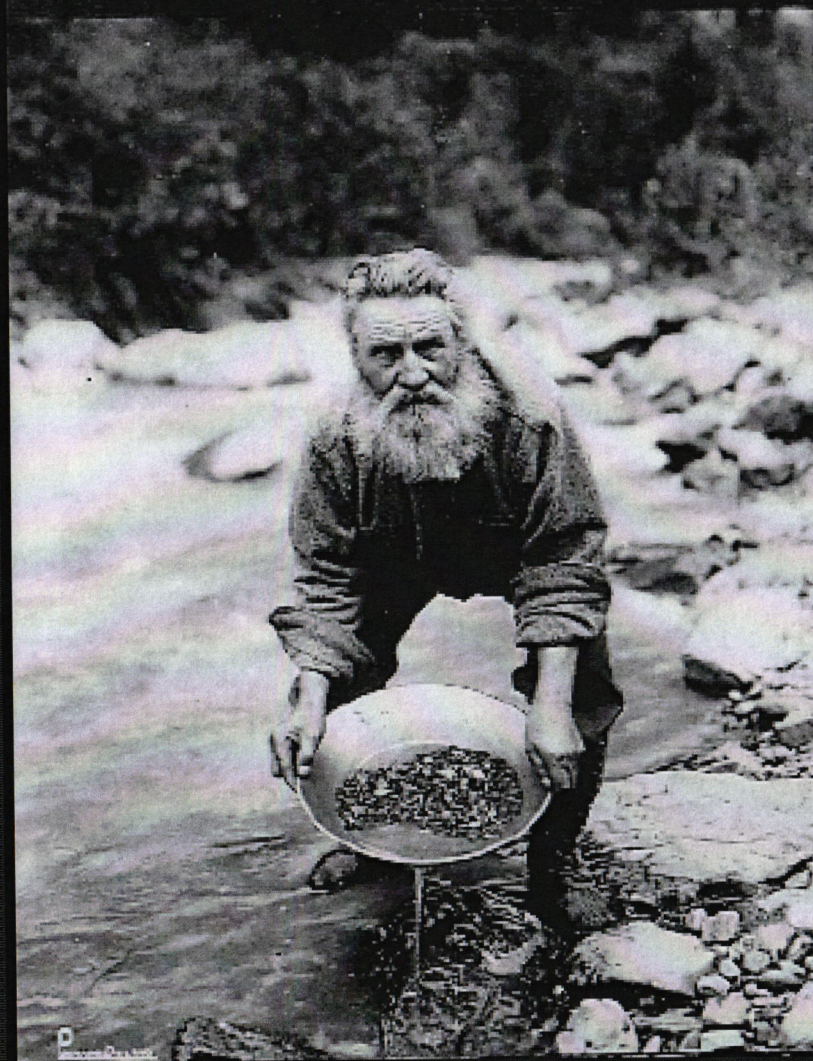


# Storm Sewer History

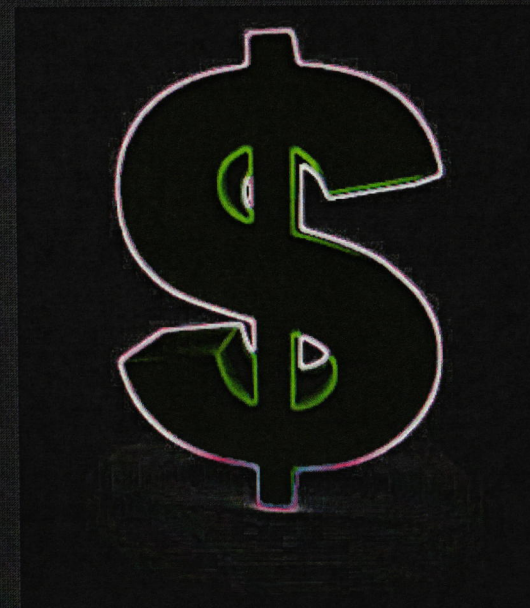




# Stormwater Challenges



Risk Tolerance VS Cost





# Stormwater Plan Next Steps

Address Existing Issues and Prevent Future Ones



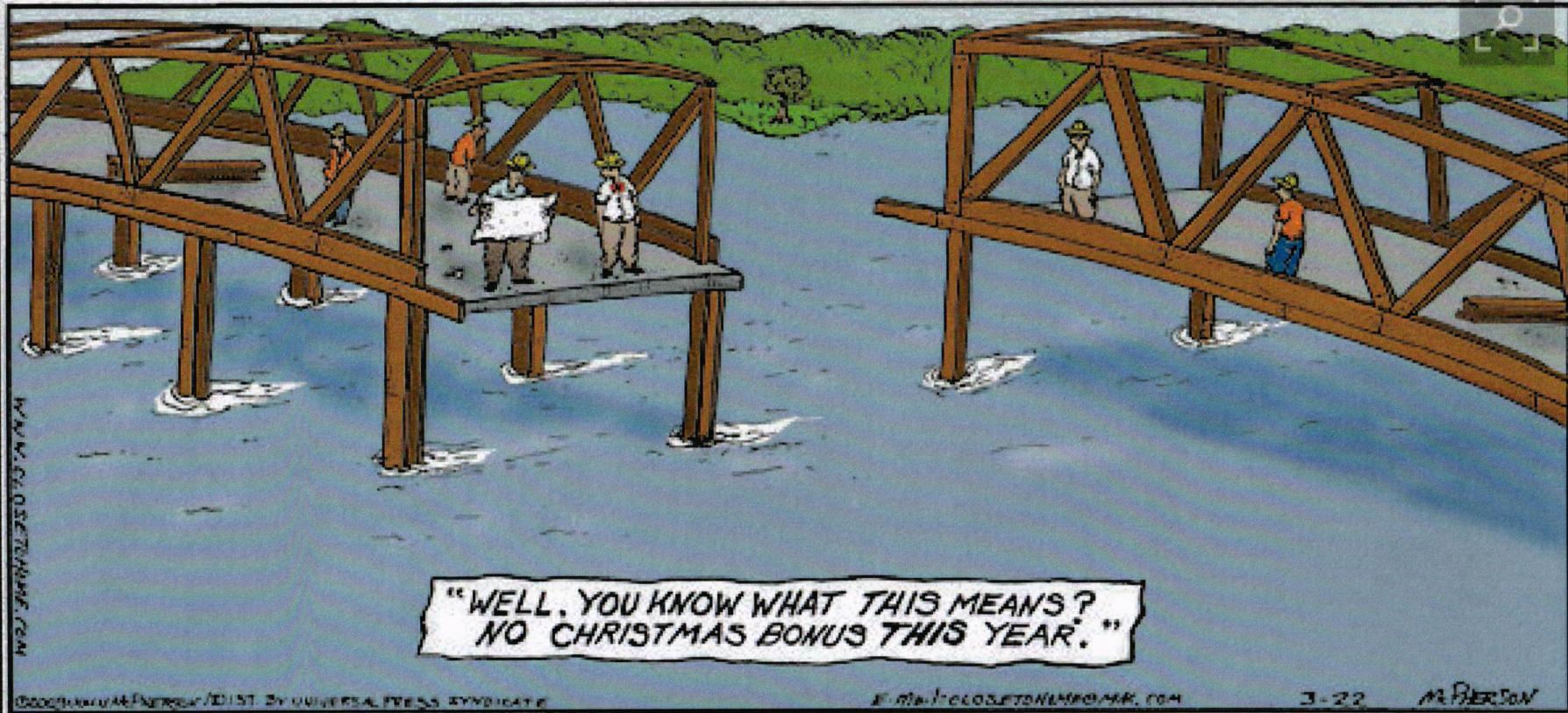


# Stormwater Plan Next Steps

Proactive vs. Reactive Approach

CLOSE TO HOME

BY JOHN McPHERSON





# Stormwater Plan Next Steps

Planning for Future  
Retention/Detention Basins  
Underground Storage  
Green Infrastructure

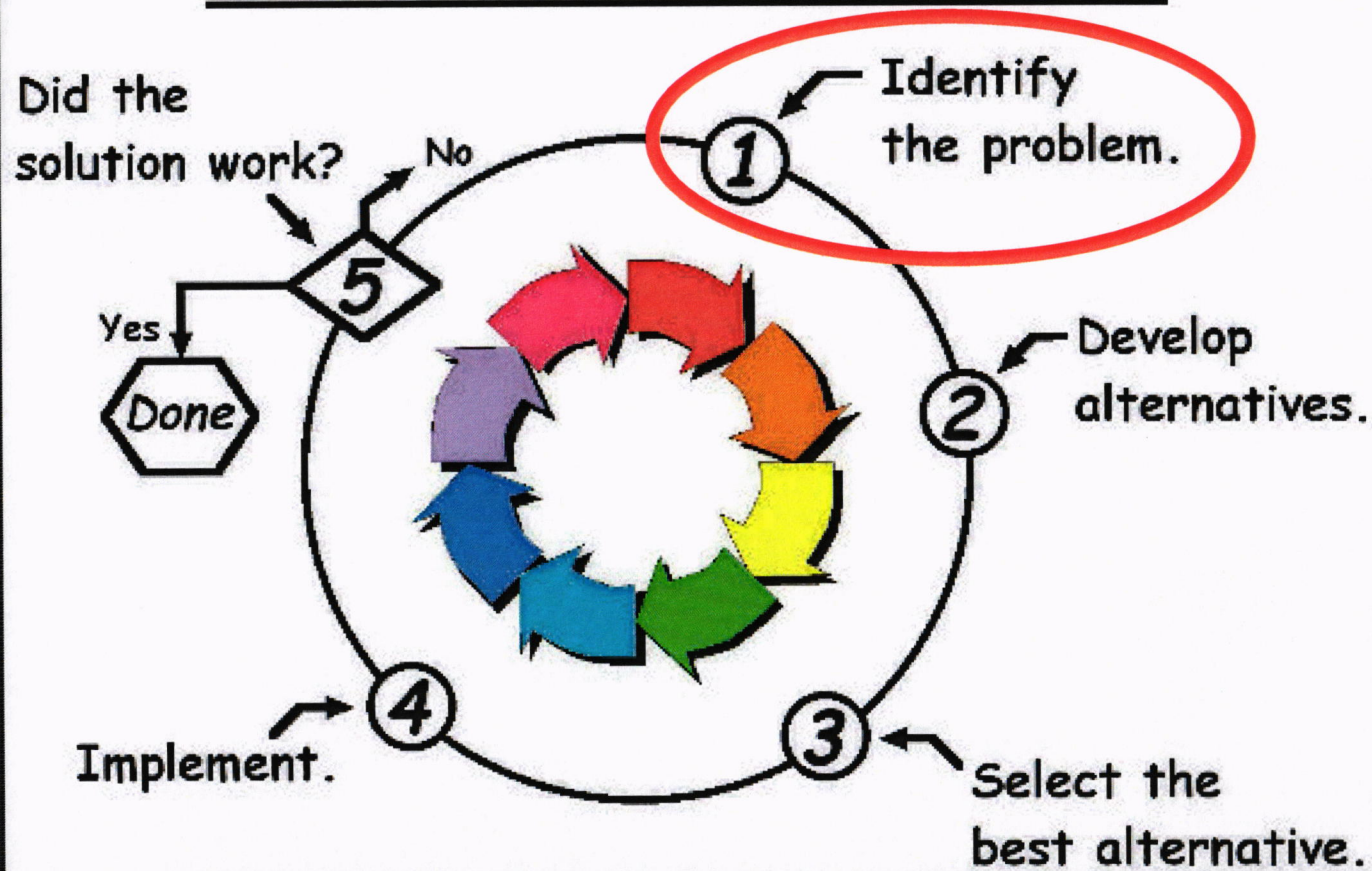




# Stormwater Plan Next Steps

WHERE ARE THE PROBLEMS ??

## Steps to solve a problem...





# Stormwater Plan Next Steps

Public Input Breakout Session

## ZONES



ZONE 1



ZONE 2



ZONE 3

