

# Idyllwild Stormwater Drainage Diversion Study

February 2015

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# Why Conduct the Study?

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- The Taft Speedway Study, completed in Year 2012 discovered issues with drainage from north of Idyllwild.
- To evaluate the existing drainage system and see if deficiencies exist, where they are and the extent of the problem.



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# Project Purpose

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- Determine impact of runoff draining through the Idyllwild area.
- Review the history of drainage problems.
- Determine extent of drainage issues and problems.



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# Project Goals

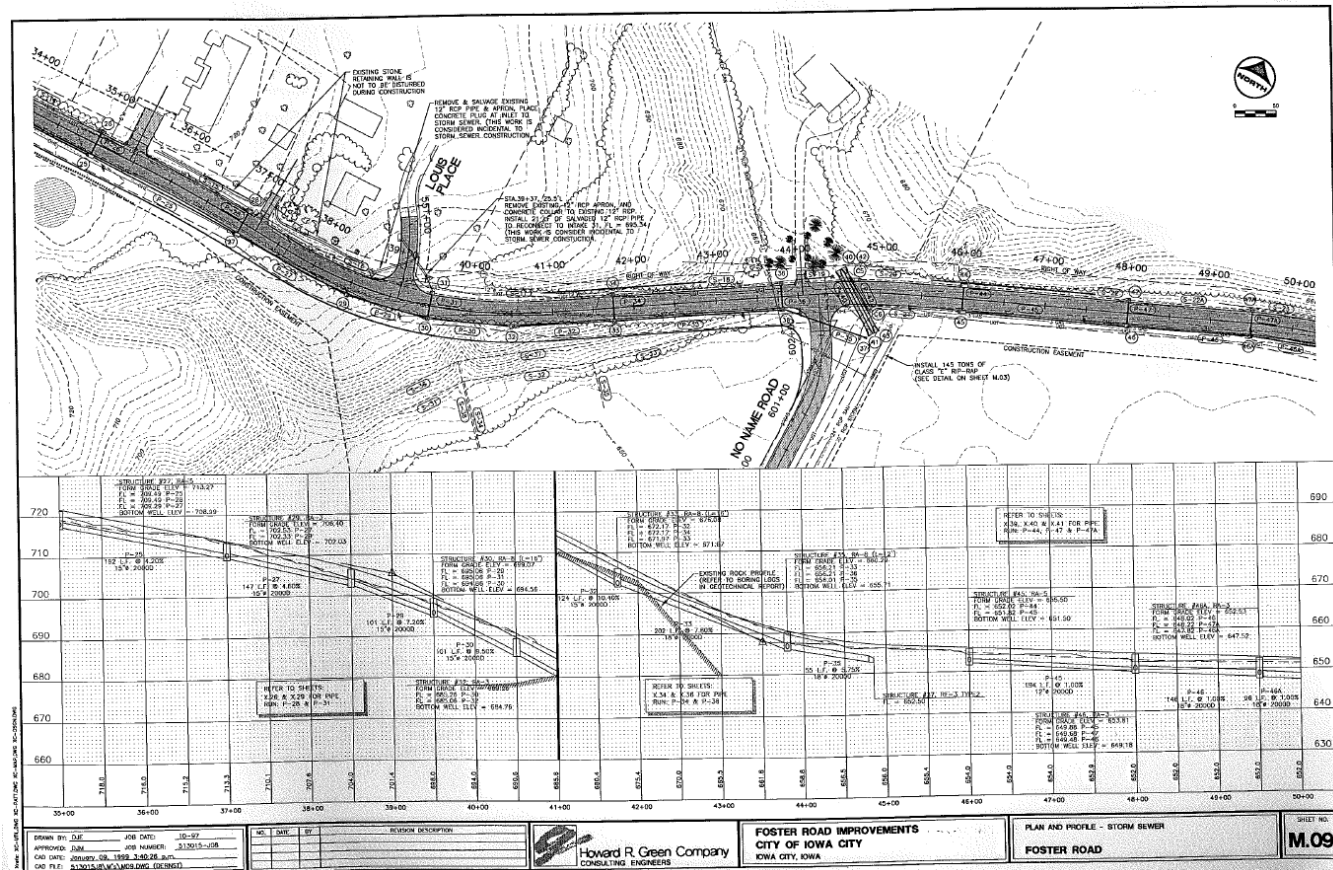
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- Identify drainage deficiencies in the existing storm drainage system.
- Identify conveyance improvements that will provide stormwater bypass during high flow periods.
- Maintain low flow conveyance to the existing ponds for pond management.



# What Goes into a Study Process?

- Infrastructure Information









# What Goes into a Study Process?

- Precipitation
- Public Input



# What Goes into a Study Process?

- Modeling Process
  - Actual combination of pipe flow rates and overland conveyance conditions.
  - Looks at various rainfall events
  - Models present day land-use and future land-use.
- Defining the Problem
  - Drainage impacts- How much, how often and where problems are located.

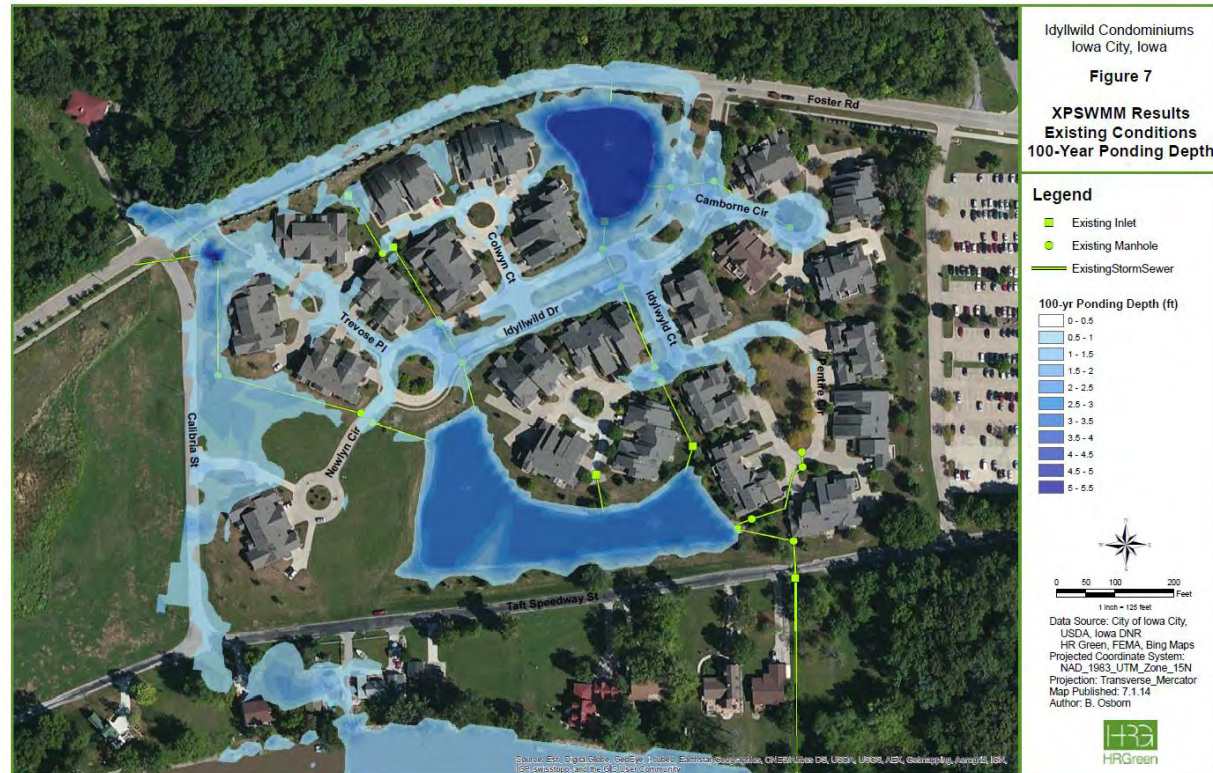




# What Goes into a Study Process?

Mapping  
Problem  
Areas to review.

Interact with  
the public  
to make sure  
problems are  
correctly identified



# QUESTIONS?

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