

# Roland Road and Related Infrastructure Drainage Assessment

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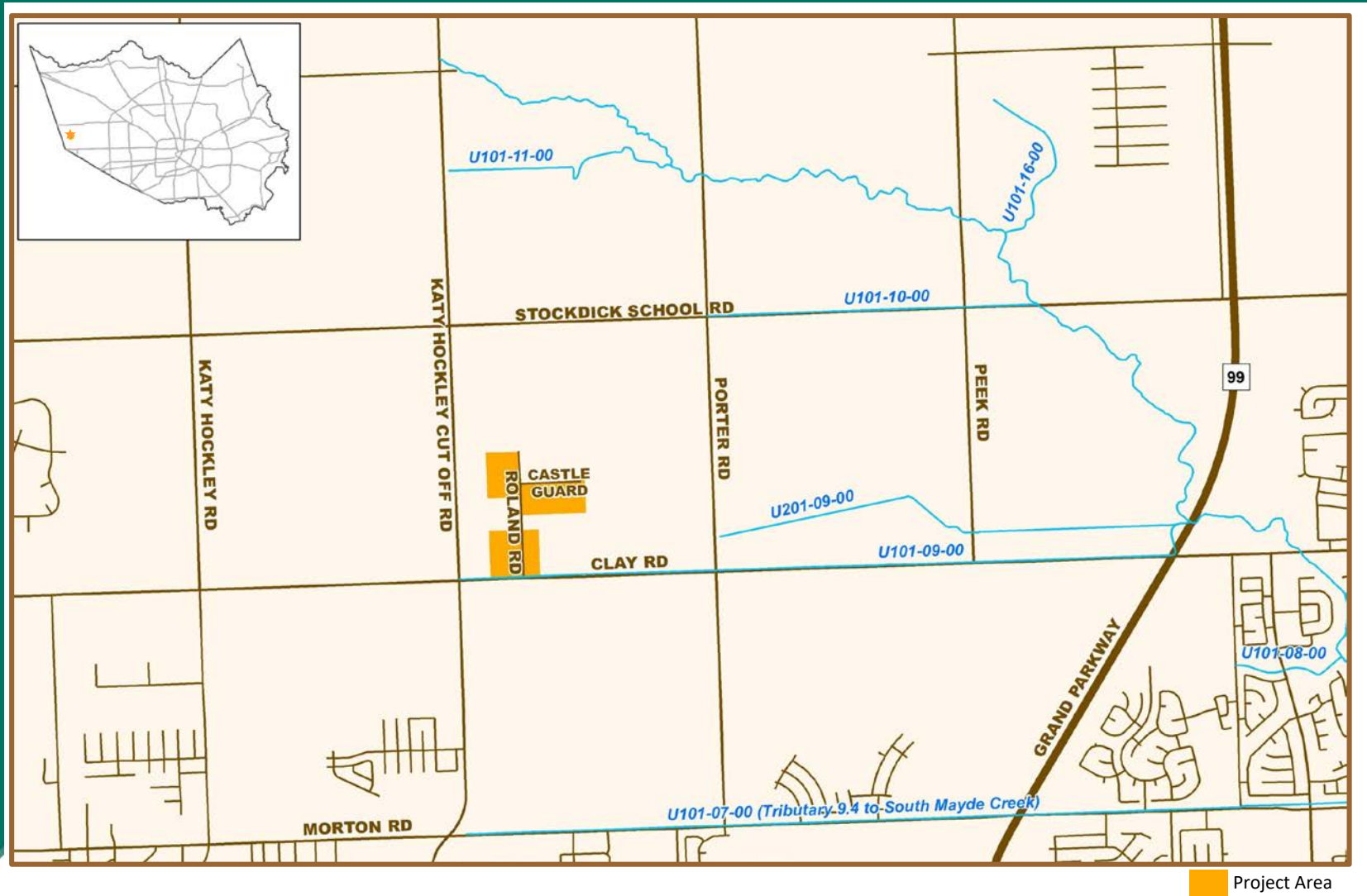


**PROJECT PROGRESS &  
COMMUNITY ENGAGEMENT**

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# Study Location



# Study Purpose

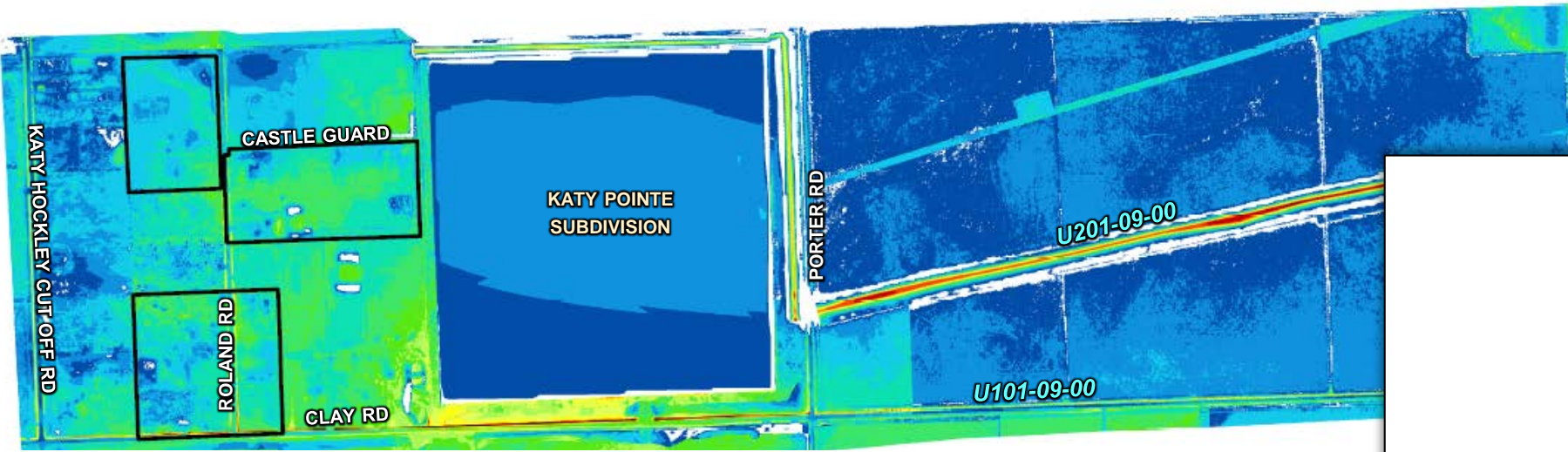
- Identify drainage infrastructure issues within the project area, and determine causes of structural flooding during Hurricane Harvey or other extreme rain events
- Determine possible cost-effective drainage improvements that reduce ponding and/or flood risk in your neighborhood
- Provide a study report outlining identified improvements to be used as a basis for design and construction



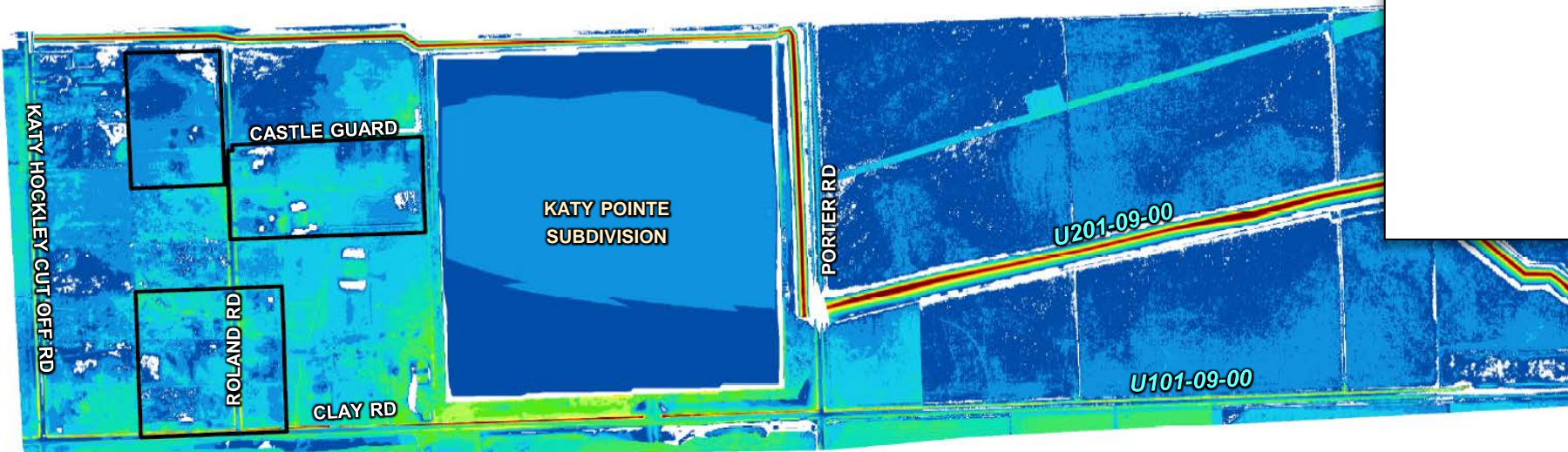
# How would this benefit your community?

- Reduce ponding in roadways and on properties for smaller and extreme storm events (100-year and up)
- Reduce flood risk during extreme events
- Improve drainage during smaller, more common rain events

# Expected Ponding - Existing Conditions

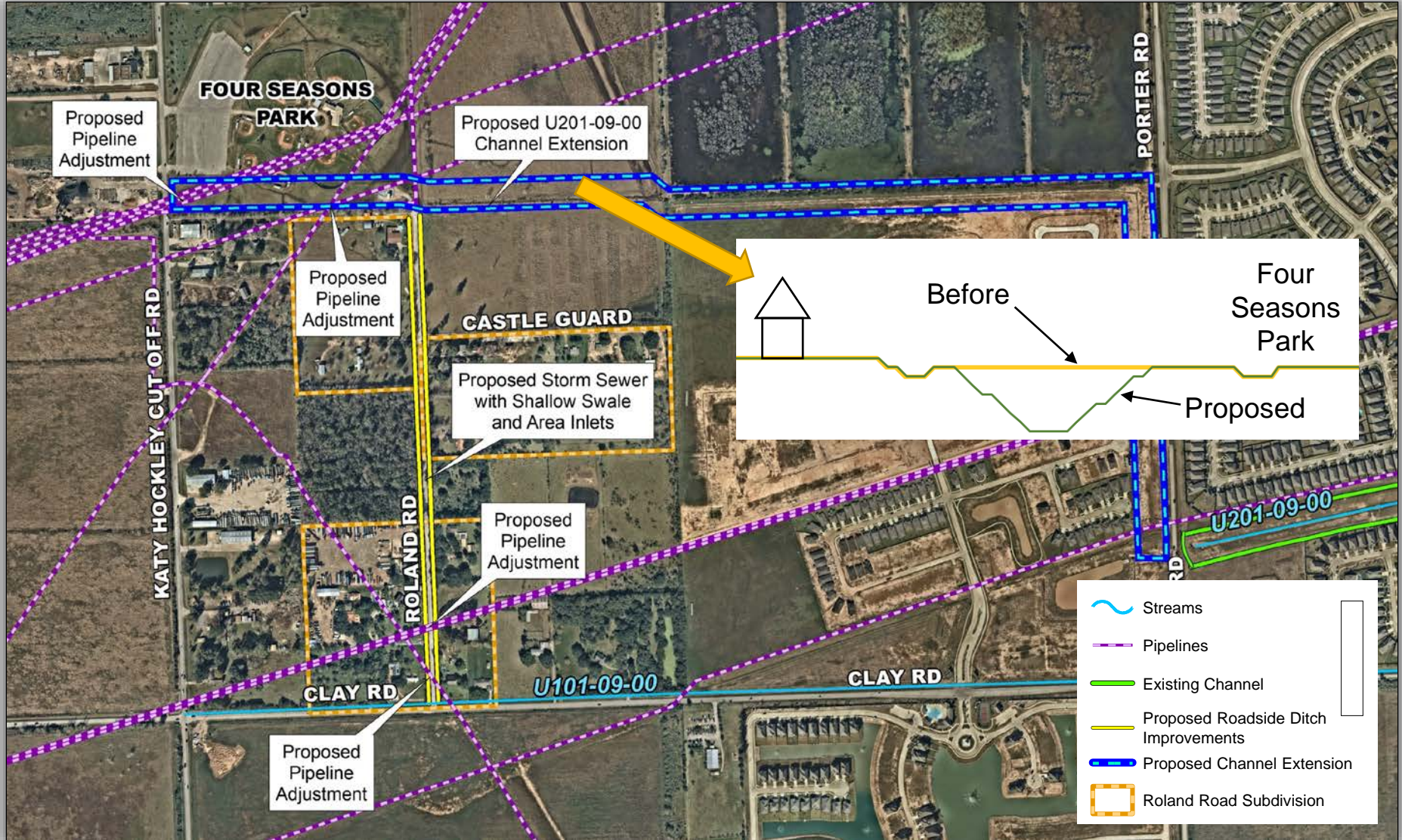


# Anticipated Ponding - Proposed Condition

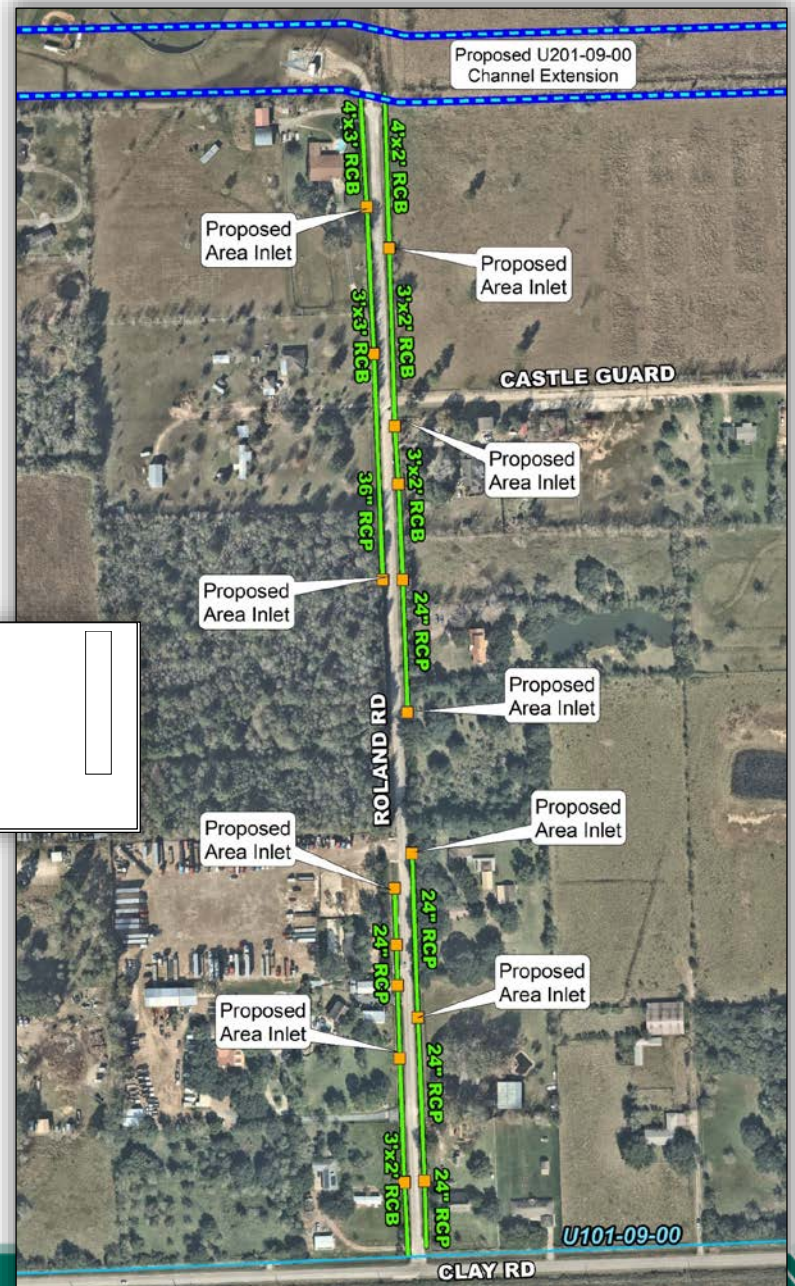


Note: Atlas 14 - 1% Event (100-Yr/24-Hr) Rainfall Amounts Used

# Proposed Improvements



# Proposed Improvements Roland Road



# Proposed Improvements - Roland Road

Proposed Cross Section  
Roland Road

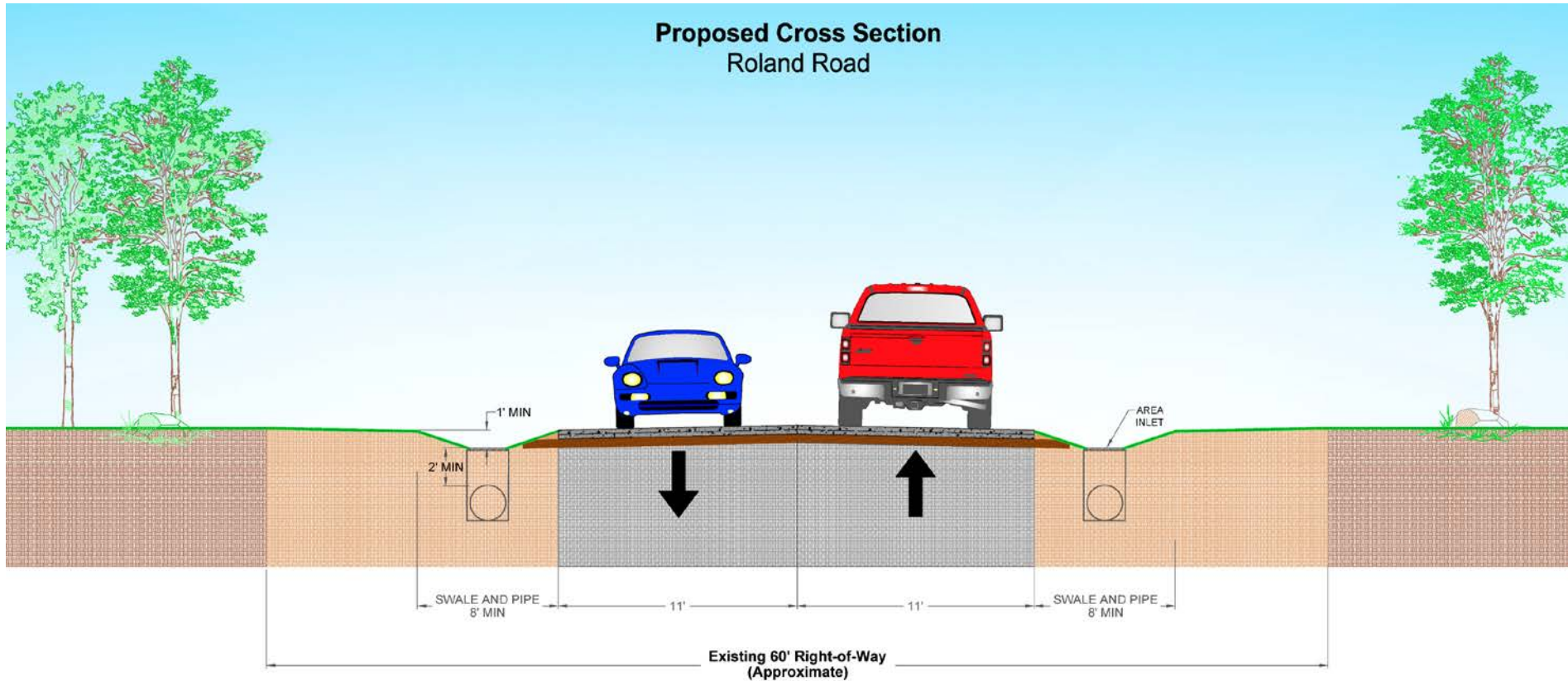


Exhibit - For Discussion Purposes



# We want to hear from you.

Please visit [www.HCFCD.org/E01](http://www.HCFCD.org/E01)  
to learn more about the Roland  
Road and Related Infrastructure  
Drainage Assessment, ask  
questions and provide comments.





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