

# Bexar County



Precinct 1  
Sergio "Chico" Rodriguez



Medio Creek  
Sunset Vista Subdivision  
Drainage Improvements (MR-32)

March 8<sup>th</sup>, 2017



# Agenda



- Introductions
- Flood Control Program Background
- Project Details
- Construction Schedule
- Q&A



# Introduction



- **Introductions**

- County Commissioner Sergio “Chico” Rodoriguez
- Bexar County Public Works & Flood Control staff
- Office of the County Manager (Public Information Officer)
- Construction Inspections (RH Shackelford, Inc.)
- Construction Contractor (Yantis Company)
- Engineer (Cude Engineers)



# Program Background



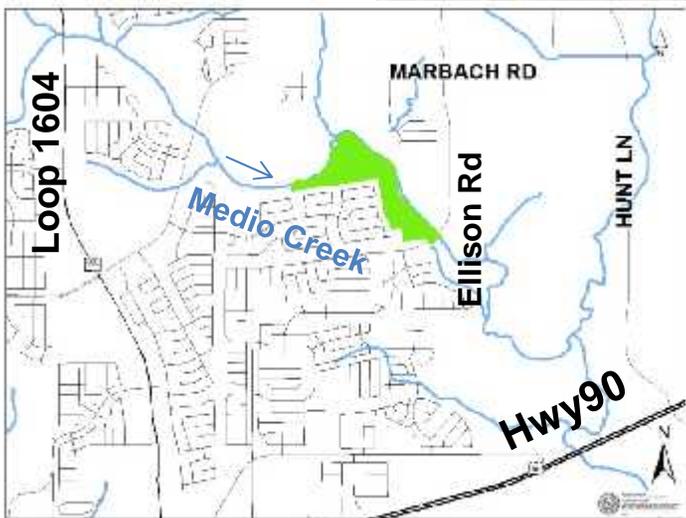
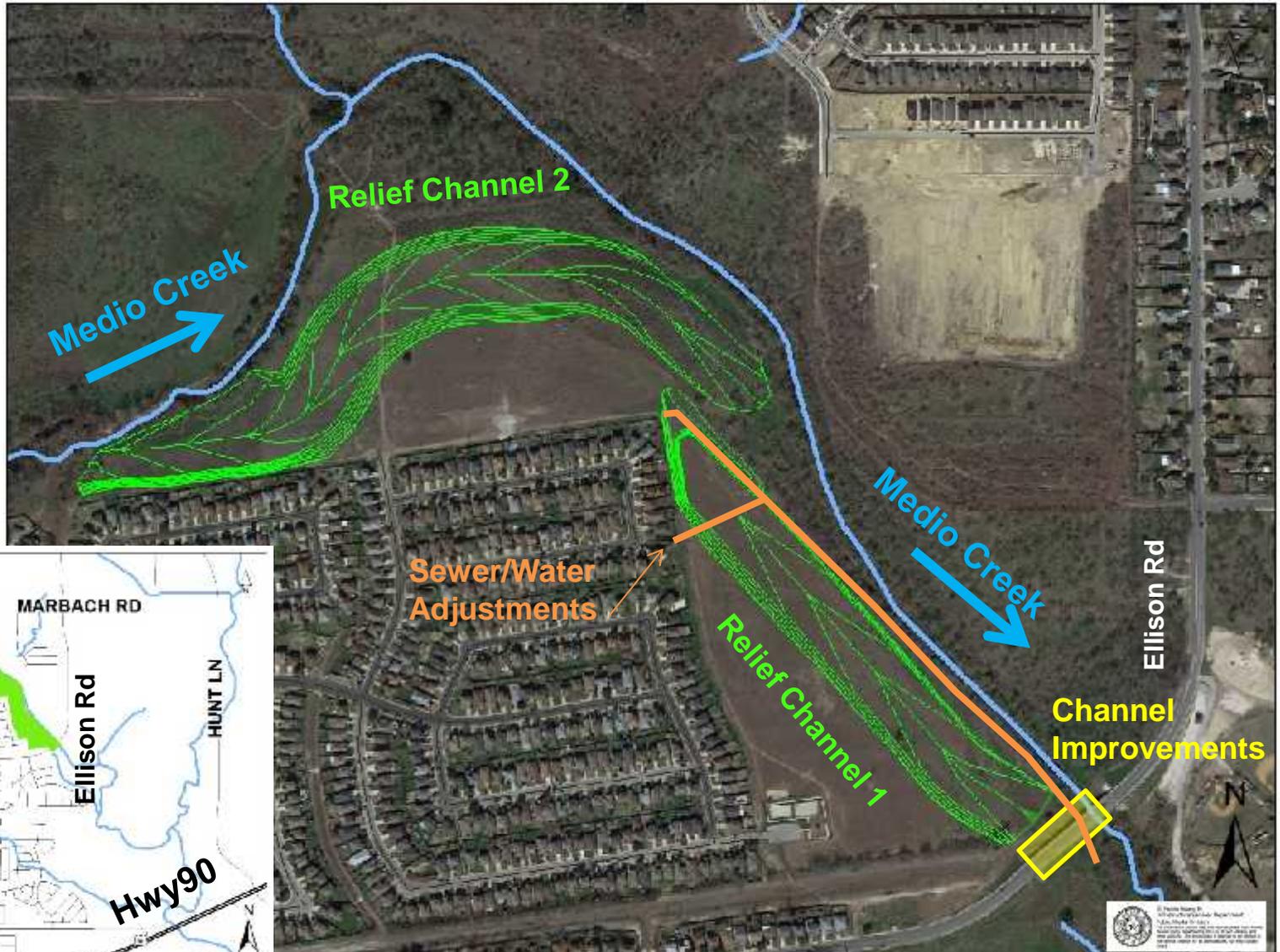
## Bexar County Flood Control Program

- 10-year, \$500 Million Capital Improvement Program
- Currently in year 10 of 10, with numerous projects heading into or already in construction phase.
- The Texas Hill Country is known as flash flood alley, with over 1,000 ft. elevation drop across Bexar County.
- Flood Control program works with local municipalities and agencies to deliver projects that alleviate flooding across the region.
- Half of all flood deaths occur in vehicles.
- Flash Flood = fast flooding and people are caught off-guard. Turn around, don't drown!





# Medio Creek– Overall Map





# Medio Creek – Project Overview



- Increasing the capacity of Medio Creek by **creating Two Relief Channels** along the course of Medio Creek
- **Improvements to the channel below Ellison Bridge** to increase the conveyance capacity.
- Concrete rip-rap and gabions will be used for the **protection of the stream bed** under the Ellison Rd bridge.
- Minor **sewer adjustments and replacement of water line**.
- There will be **no road closures** as part of the construction related activities.



# Medio Creek – Project Benefits



- Remove 23 homes from the current 100-year floodplain.
- Provide for safer vehicular and pedestrian traffic due to improved unflooded access to adjacent neighborhoods.
- Protection to the relief channel bottom and banks by implementing erosion control measures such as native species channel seeding, gabion mattress, and turf reinforcement matting.



Medio Creek

Pre-construction  
Floodplain

Post-  
construction  
Floodplain

Ellison Rd



# Medio Creek – Costs/Schedule



## Total Construction Costs

Channel Work :	\$ 2,518,745.55
<u>Sanitary Sewer and Water Adjustments:</u>	<u>\$ 102,865.00</u>
Total Combined Award:	\$ 2,621,610.55

## Estimated Schedule

- Construction start anticipated March 2017 and estimated completion by January 2018
- Regular Hours of schedule: Monday to Friday from 7 am to 6 pm



# Contacts



## **Bexar County Flood Control CIP**

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**[www.bexarfloodcontrol.org](http://www.bexarfloodcontrol.org)**

*\*This presentation will be posted on the website*

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