

# Country Club Creek West at Roy G Guerrero Park

*Environmental Commission  
February 21, 2018*



## RECAP:

# Roy G. Guerrero Colorado River Metro Park

- 363 acres
- Purchased in parcels from 1980s – 2000s
- Improvements constructed in 2010
- Constructed drainage channel – *Country Club West*
- Original drainage channel – *Country Club East*



## RECAP:

### Erosion Damage

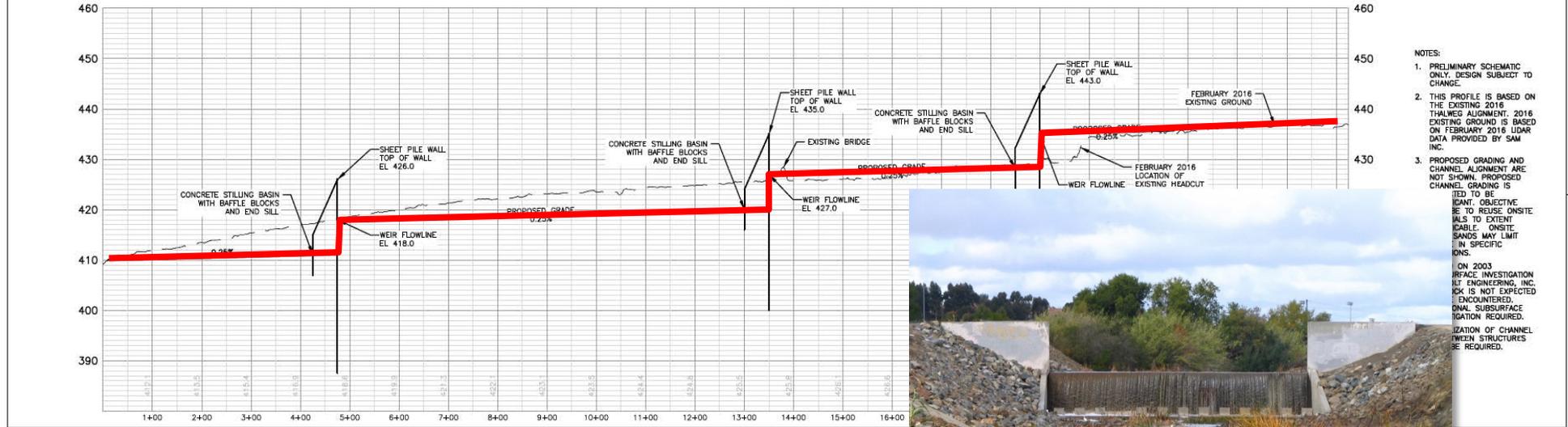
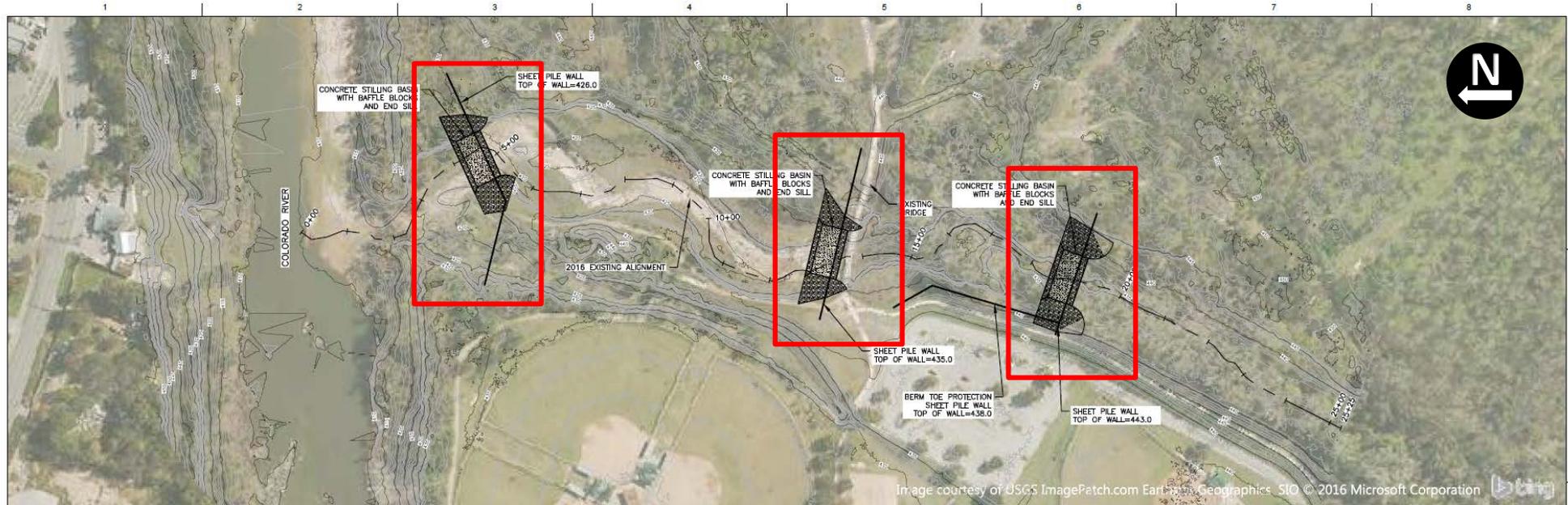
- 2015 Floods
- Erosion changed flow patterns to prefer a shorter path to the river
- Pedestrian bridge collapsed
- May 2015 - December 2017: Erosion damaged ~1500 feet (5 acres) of drainage channel



2016

# RECAP: Permanent Solution

- ~2,000 linear feet of channel stabilization
- Three “drop structures”
- Natural channel between structures
- \$13M total cost
- \$8.5M FEMA reimbursement



NOTES:  
 1. PRELIMINARY SCHEMATIC ONLY. DESIGN SUBJECT TO CHANGE.  
 2. THIS PROFILE IS BASED ON THE EXISTING 2016 THALWEG ALIGNMENT. 2016 EXISTING GROUND IS BASED ON FEBRUARY 2016 LIDAR DATA PROVIDED BY SAM INC.  
 3. PROPOSED GRADING AND CHANNEL ALIGNMENT ARE NOT SHOWN. PROPOSED CHANNEL GRADING IS INTENDED TO BE IDENTICAL TO BE IDENTICAL. OBJECTIVE IS TO REUSE ON-SITE MATERIALS TO EXTENT PRACTICABLE. ON-SITE SANDS MAY LIMIT CHANNEL STABILIZATION. SUBSURFACE INVESTIGATION REQUIRED. CHANNEL STABILIZATION OF CHANNEL BETWEEN STRUCTURES WILL BE REQUIRED.

# Updates

- Interim Projects

- No. 1: Ballfields protected in May 2017
- No. 2: Headcut stabilized in Jan 2018

- Outreach

- Informational signs
- Nextdoor posting
- Council notification

- FEMA Grant

- Federal approval Jan 2018
- Awaiting award to State

- Projected Schedule

**2018** Design Complete

- *Public Meeting Early Summer*

**2019** Permit and Bid

**2020** Begin Construction

**2021** Construction Complete

