

# City of American Canyon Measure A Update

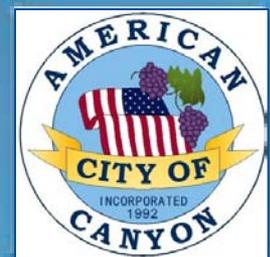
Presented by

Michael Throne, PE  
Public Works Director  
City of American Canyon

Presented to

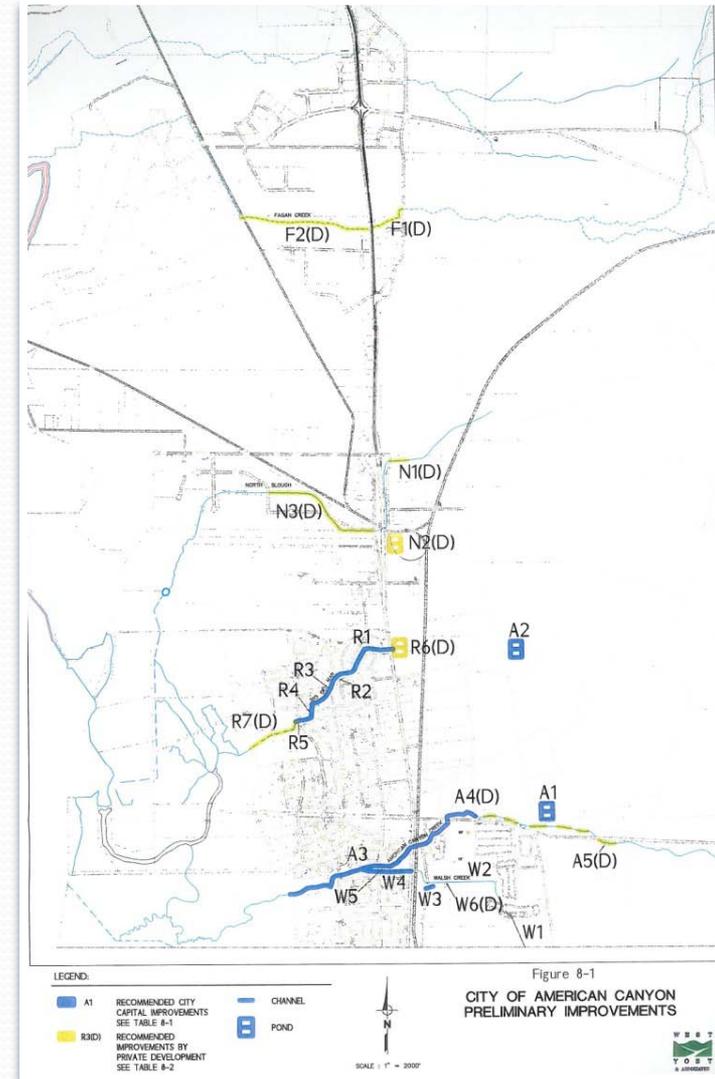
Napa County Flood Control & Watershed Improvement Authority  
Measure A Financial Oversight Committee

May 1, 2013



# Expenditure Goals

- Protect against flooding
- Improve water quality
- Implement Flood Control/Storm Drainage Master Plan
  - Make capital improvements
  - Perform creek/channel maintenance



# 2011-12 Activity

- Kimberly Flood Control/Clean Water
  - Explored funding opportunities
- Creek/Channel Maintenance
  - Performed maintenance
  - Surveyed for encroachments

**Table 1-1. Capital Improvement Program—Maintenance and Facilities**

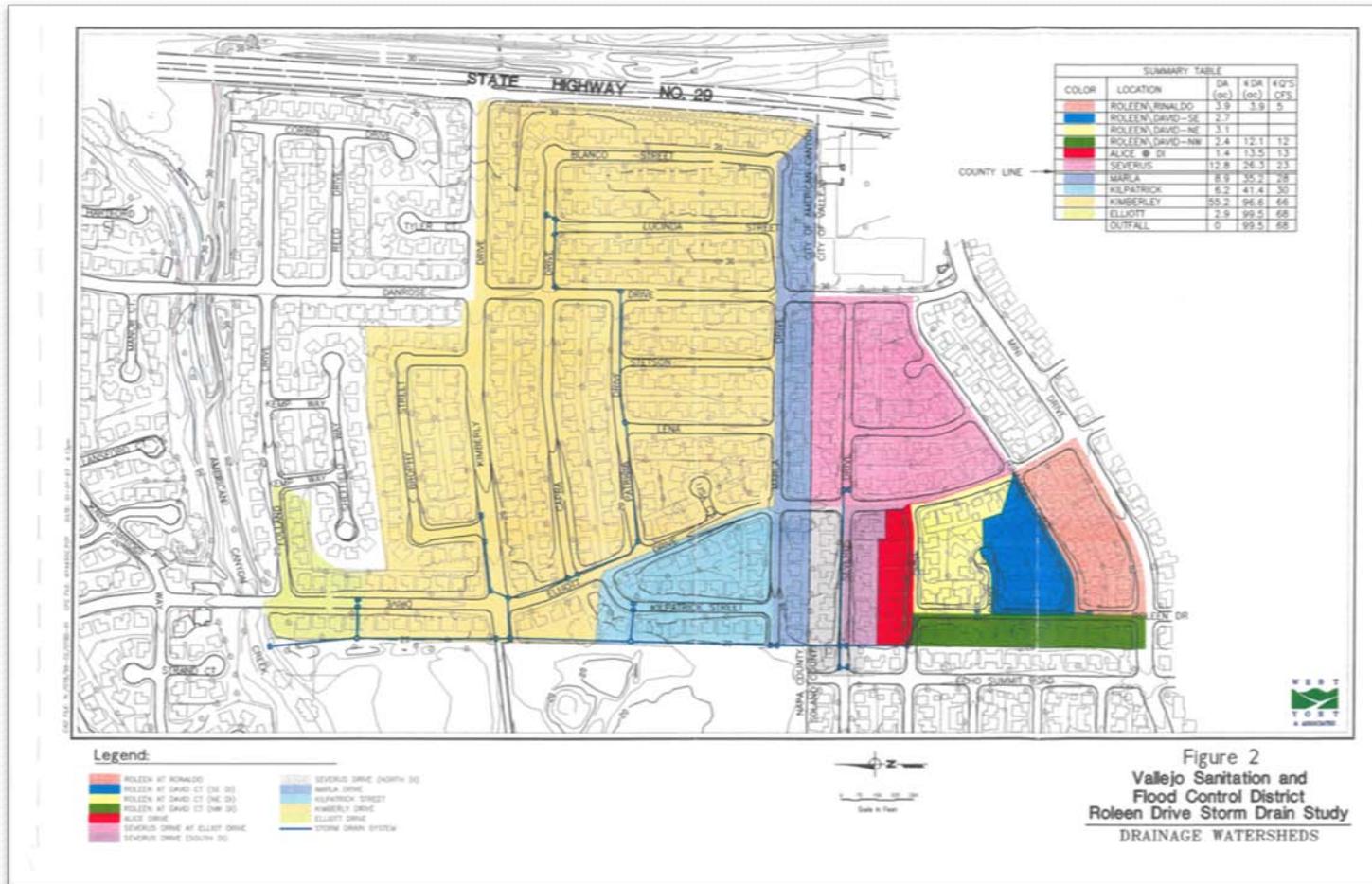
ID	Improvement	Location/Stationing <sup>(6)</sup>	Quantity	Unit Price	Cost (\$1,000's)
<b>American Canyon Creek<sup>(8)</sup></b>					
A1	Detention storage along main channel 100 af, 3-10' deep, 20 acre site	East of development limit line (16-17)	20 ac 60 af excavation (100,000 cy) Inlet Outlet Road Misc.	\$5,000 \$4 \$20,000 \$20,000 \$20,000 \$20,000	100 400 20 20 20 20
A2	Detention storage along N. tributary 50 af, 3-10' deep, 10 acre site	East of development limit line (N/A)	10 ac 30 af excavation (50,000 cy) Inlet, Outlet, Road and Misc.	\$5,000 \$4 \$80,000	50 200 80
A3	Channel cleaning, and minor excavation <sup>(9)</sup>	Broadway downstream to Development limits (8-12)	4,100 LF	\$40/LF	164
Subtotal					1,074
<b>Walsh Creek<sup>(8)</sup></b>					
W1	Parallel 48" storm drain	Along 2-42" in Aztec Mobile Home Park (5.5-6.5)	980 LF	\$160	157
W2	Enlarge channel	Within Summerfield Subdivision (2-4.3)	1,600 LF (EX + R/W)	\$65	104
W3	72" Culvert	Broadway (2.1)	60 LF	\$500	30
W4	Enlarge channel	Between highway 29 and downstream end (0-1.3)	1,300 LF	\$40	52
W5	Reduce berm height	Upstream of Danrose Drive, north of channel (0.5)	200 LF	\$50	10
Subtotal					353
<b>Rio Del Mar</b>					
R1	Channel cleaning, minor improvements	Eucalyptus Drive downstream to Donaldson (10-14)	20,000 LF	\$40/LF	80
R2	Replace multiple SD pipes with 54" SD, Cap=130 cfs	Los Altos to Gisela Drive (12-12.6)	600 LF	\$4/dia inch = \$216/LF	130
R3	Replace multiple SD with 60" SD, Cap=170 cfs	Gisela Drive to Rio Del Mar (10.8-12.0)	1,200 LF	\$4/dia inch = \$240/LF	290
R4	Replace multiple SD with 60" culvert	Joan Drive (10.5)	60 LF	\$400/LF	25
R5	Replace multiple SC with 66" culvert	Donaldson Way (10.2)	60 LF	\$400/LF	25
Subtotal					550
Total					1,980
Contingency at 25%					500
Administrative, Engineering, Legal and Miscellaneous at 20%					500
Total					2,980

<sup>(6)</sup> Stationing in thousands of feet, see appropriate Figures and Plates in Chapter 6.

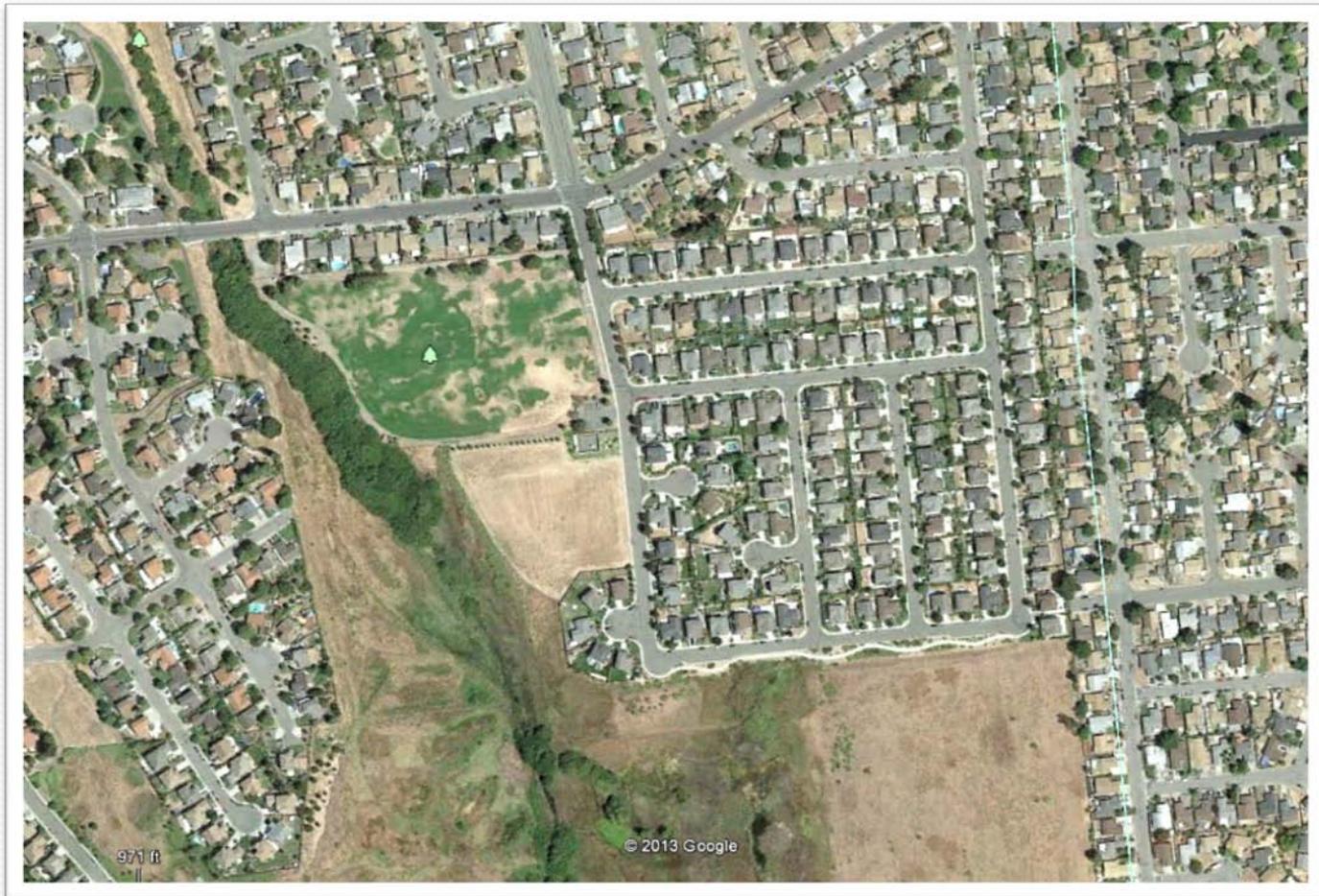
<sup>(8)</sup> American Canyon Creek within Napa County drainage easement.

<sup>(9)</sup> Walsh Creek improvements dependent on coordination with City of Vallejo, Napa County and City.

# Kimberly Area c. 1997

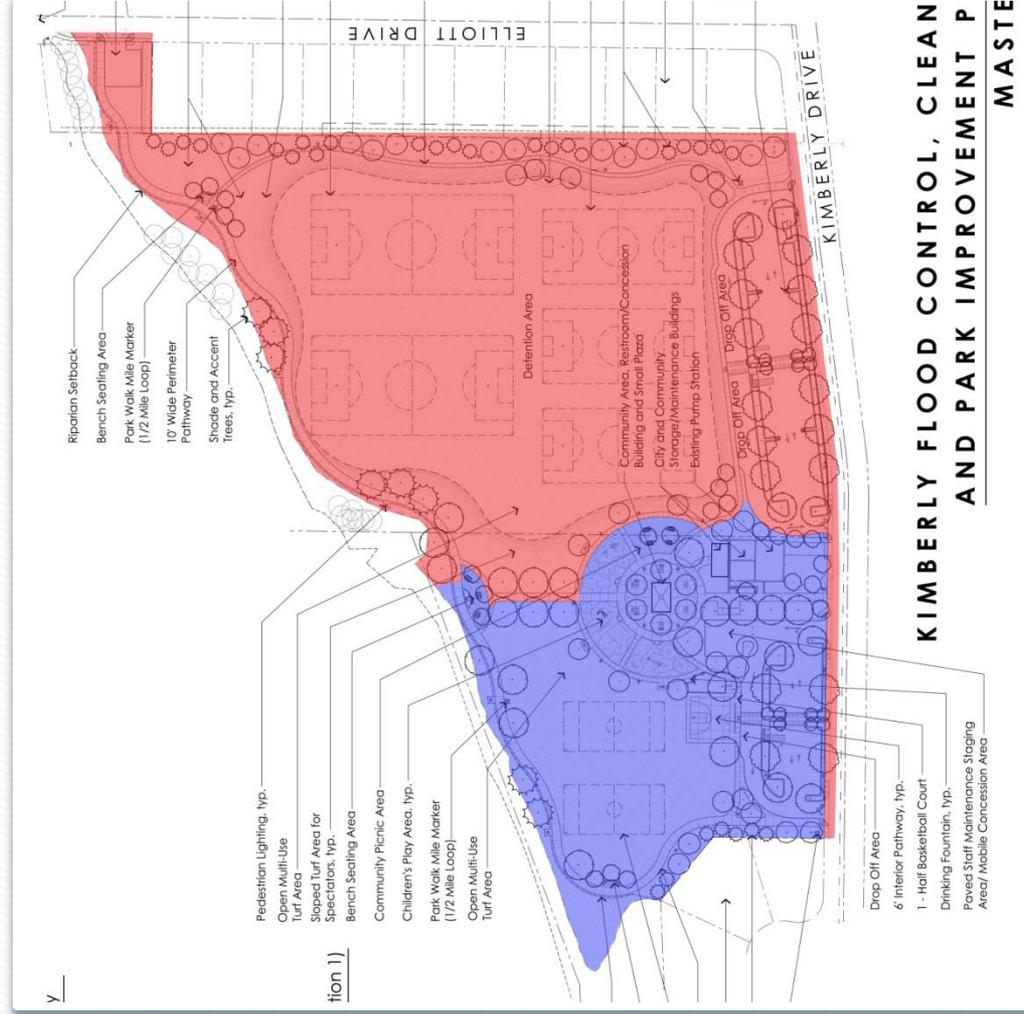


# Kimberly Area Today

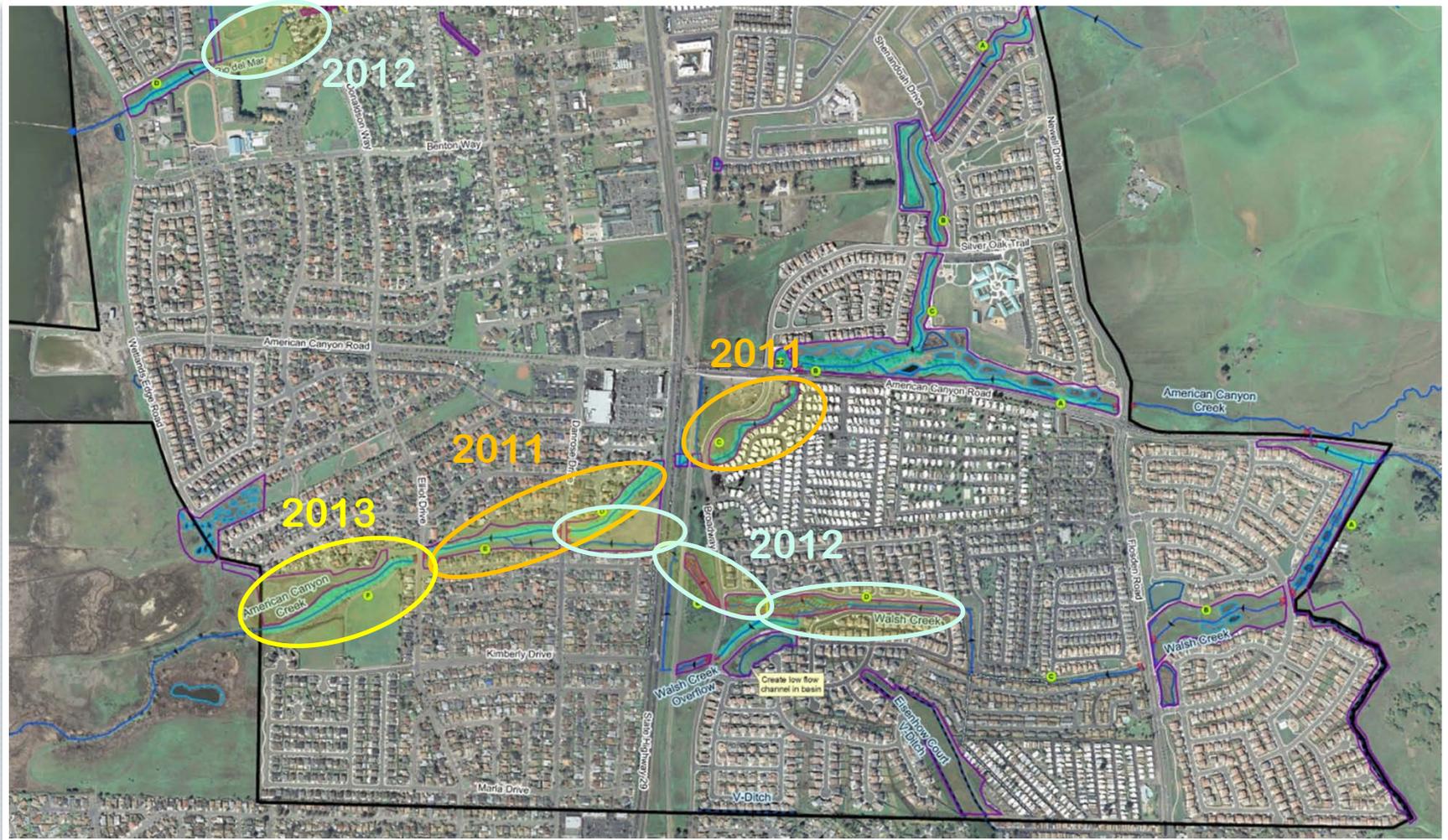




# Kimberly FC/CW/Park Phasing



# Creek Maintenance - Accomplishments



# Creek Maintenance 2011/2012



# Creek Maintenance 2012



# 2013-14 Activity

- Kimberly Flood Control/Clean Water/Park Improv.
  - Identify additional funding
  - Establish Measure A feature eligibility
- Creek/Channel Maintenance
  - Complete work by Oct 15
  - Notify encroachers
- Rio del Mar Channel
  - Commence preliminary design
- Update SD Master Plan



# Let Us Know!

- 707 647-4550
  - [www.cityofamericancanyon.org](http://www.cityofamericancanyon.org)
- “I want to report...”

