

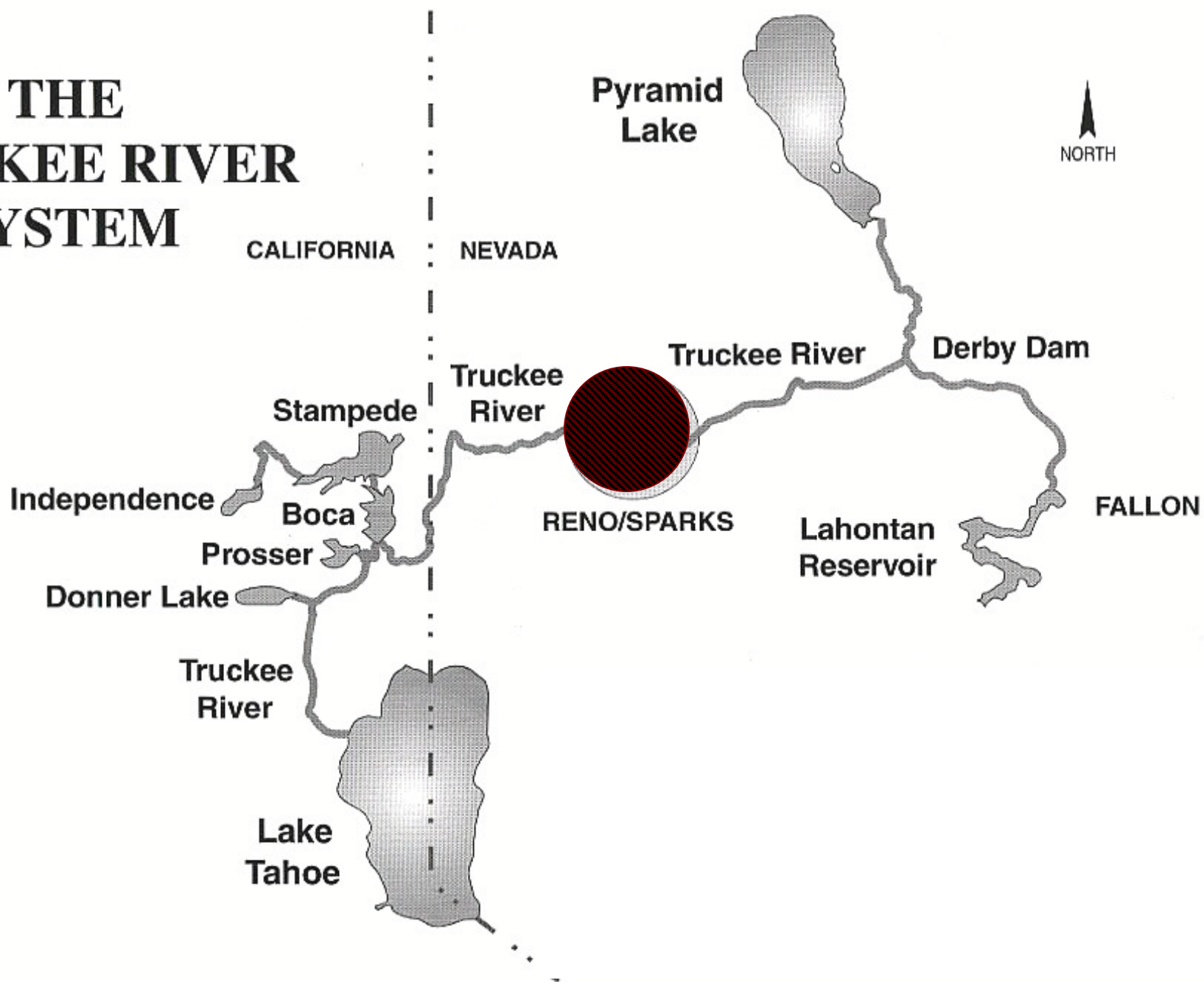
Truckee River Flood Management Authority

FLOODPLAIN MANAGEMENT FORUM



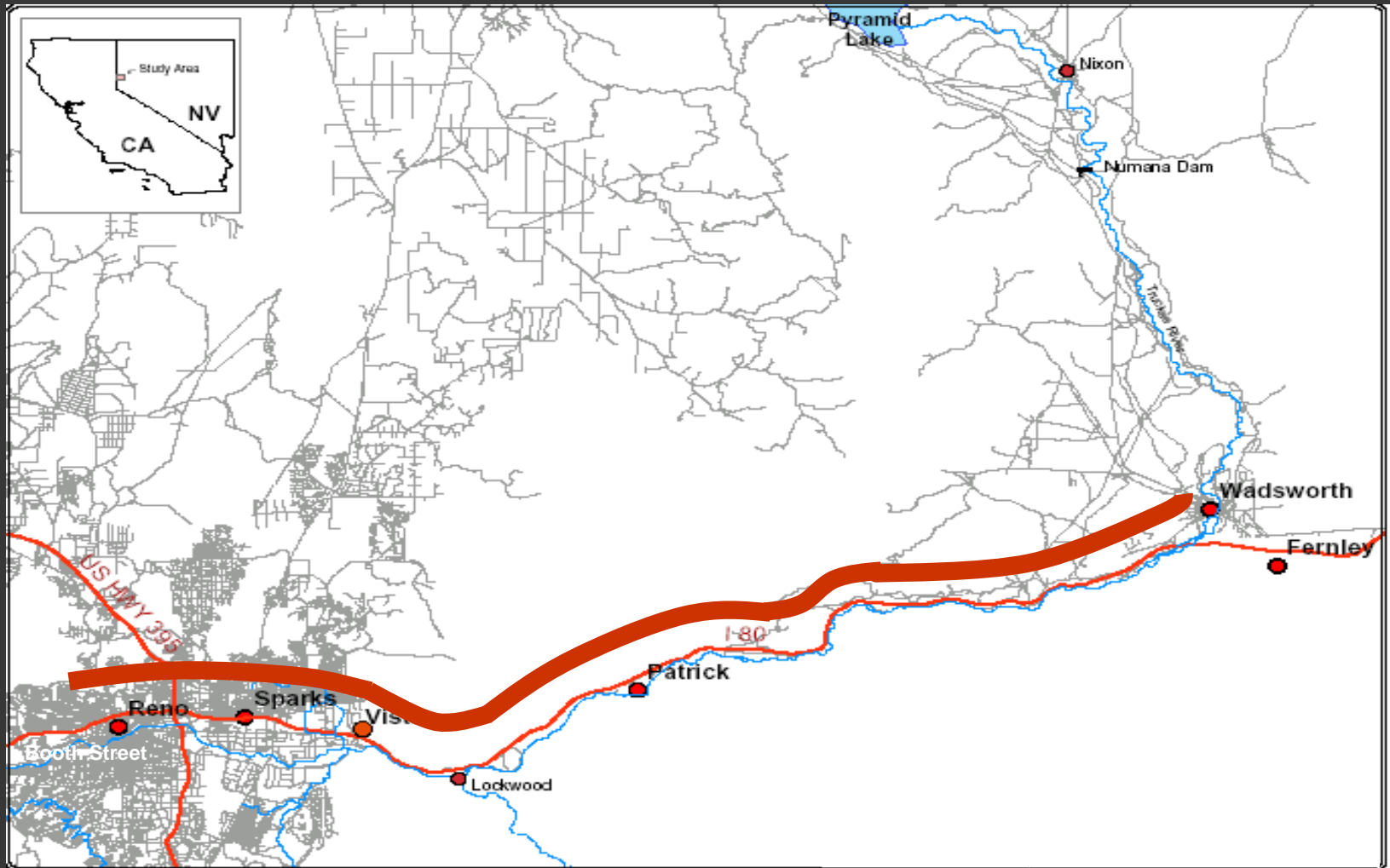
April 22, 2015

THE TRUCKEE RIVER SYSTEM



Current Project Area

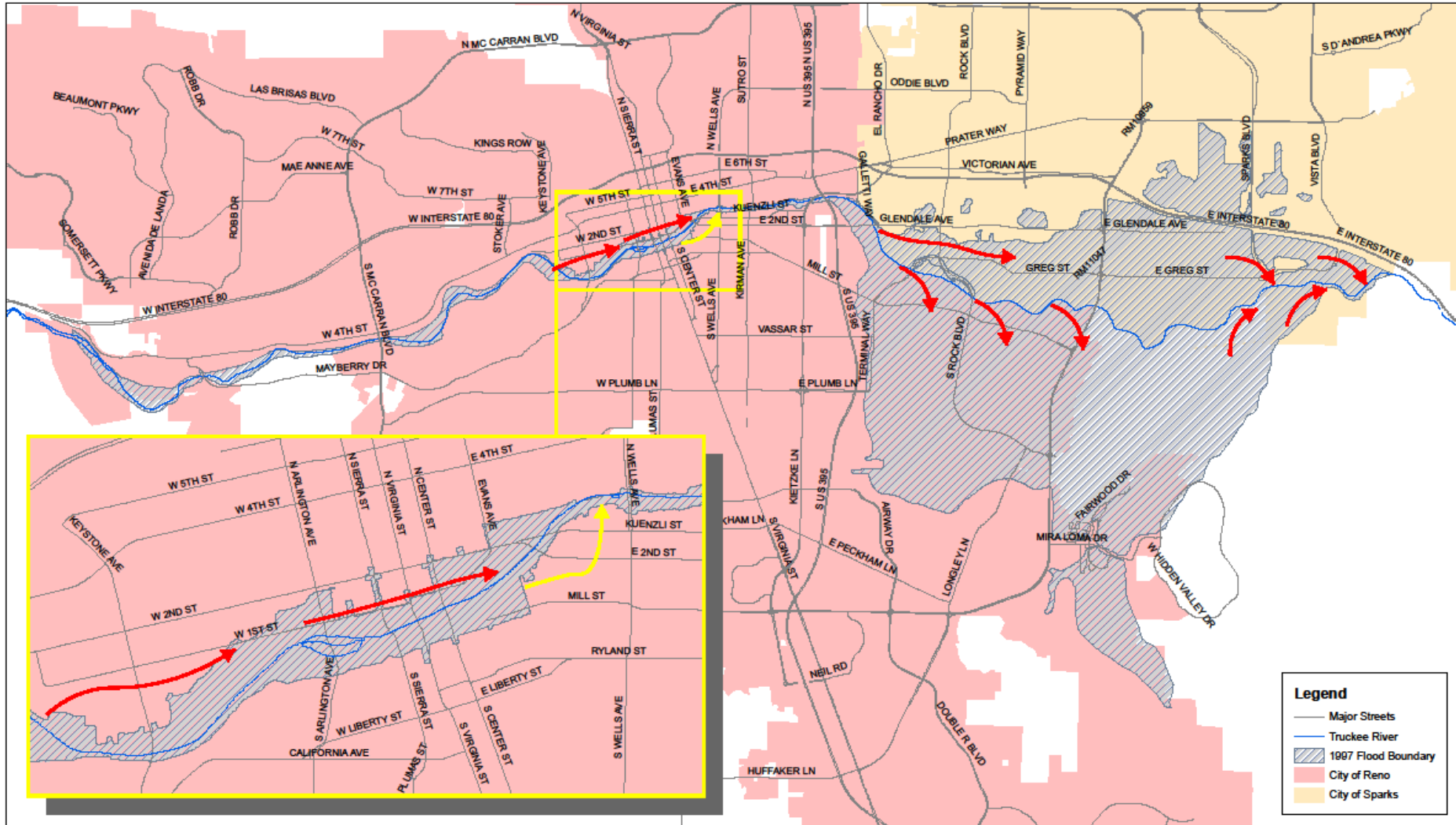
Booth Street to Wadsworth

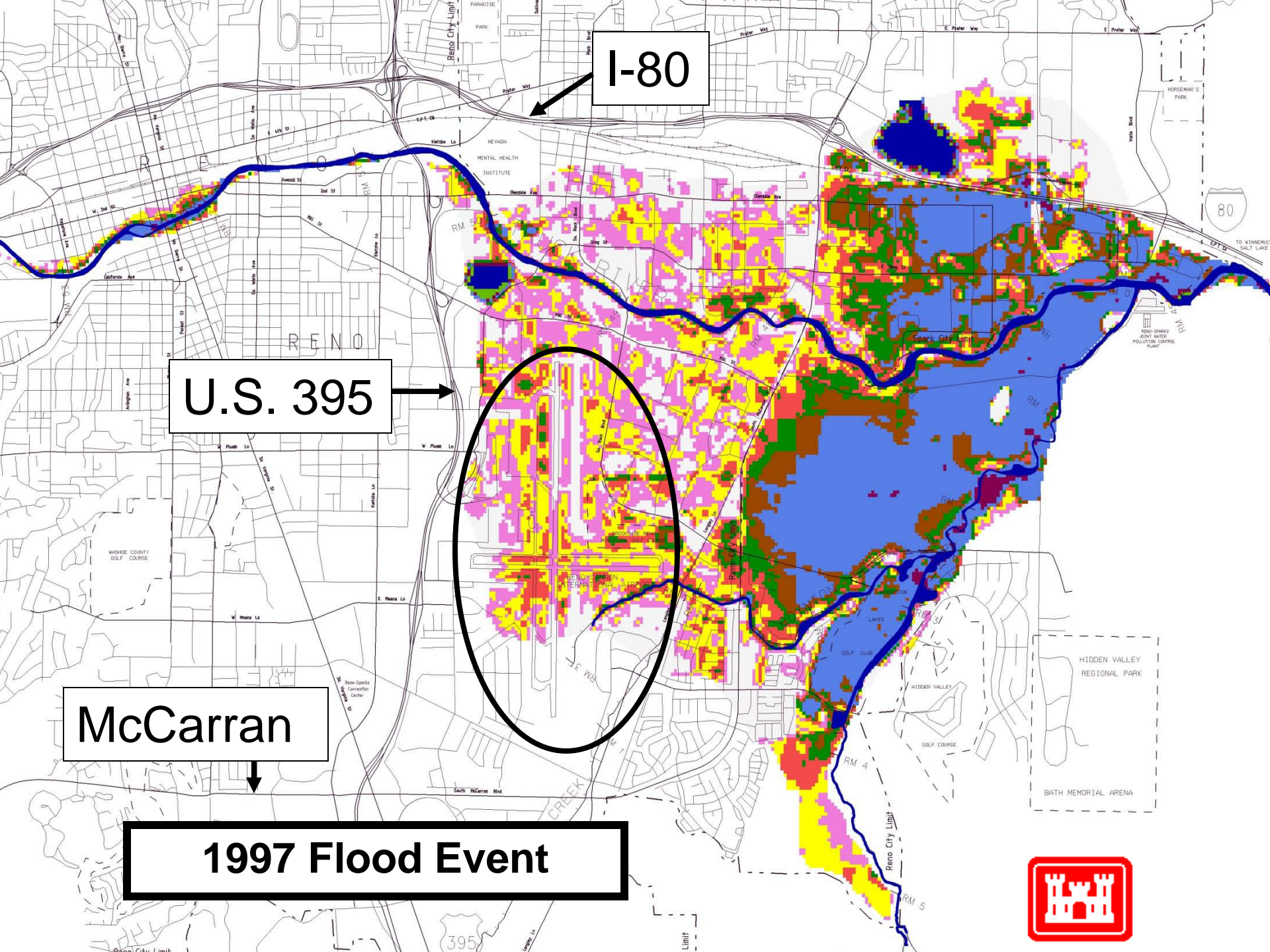


Flood Management Authority Partners

- ◉ Washoe County
- ◉ City of Reno
- ◉ City of Sparks
- ◉ Army Corps of Engineers
- ◉ State of Nevada
- ◉ Pyramid Lake Paiute Tribe
- ◉ Reno-Sparks Indian Colony
- ◉ Nevada Division of Wildlife
- ◉ Bureau of Land Management
- ◉ Nevada Department of Environmental Protection
- ◉ Nevada Land Trust
- ◉ Nature Conservancy

Problem Flooding Areas





I-80

U.S. 395

McCarran

1997 Flood Event



1907 - Virginia Street Bridge



1907

1997 - Virginia Street Bridge



1997

1955 - Downtown Reno



1955

1997 - Downtown Reno



1997

1986 - UNR Farms



1986

1997 - UNR Farms



1997

1997 Flood - East Sparks



1997

1997 - Reno-Tahoe Airport



1997

2005 – Industrial Sparks



2005

2005 - Hidden Valley



2005

Living River Parkway – 1997 Flood



Economic Impacts

- ◎ **1997** - \$600 to \$700M in damages in Washoe County
- ◎ **1997** - \$1B in 6 counties
- ◎ **2005** - \$20 Million in Washoe County

Flood Management Authority Board Members

- 2 - Sparks Council (Mayor Martini and Ron Smith)
- 2 - Reno Council (Paul McKenzie & David Bobzien)
- 2 - Washoe County Commission
(Vaughn Hartung & Bob Lucey)

- Currently supported by 1/8th cent sales tax

- **All Votes 100% Unanimous**

Where Are We Now?

Local 100-Yr Project

- ◎ TRFMA Board approved the 100-yr flood plan – December 2013
 - “Truckee River Flood Control Plan”
- ◎ Current Project Costs
 - Project Cost ~ \$450M – 100yr Flood Protection
 - 1/8 cent Sales Tax Funding ~ \$100M (20-yrs)
 - Potential Federal Funding ~ \$180M
 - Rates for Flood Control Fee ~ \$300 – \$400M (20-yrs)
- ◎ Finalizing
 - ◎ Project Elements
 - ◎ Project Costs
 - ◎ Floodplain Mapping

Where Are We Now?

Federal 50-Yr Project

- ◉ U.S. Army Corps of Engineers completed a 50-yr flood protection plan – February 2014
- ◉ Received a signed Chief's Report - April 2014
- ◉ Plan included in the Water Resources Reform Development Act (WRRDA) Bill – authorized by Congress – May 2014
- ◉ The President signed the WRRDA Bill into law - June 2014.
- ◉ WRRDA Section 1036 - Army Corps to review TRFMA's 100-yr plan for construction and Federal Funding

Completed Projects

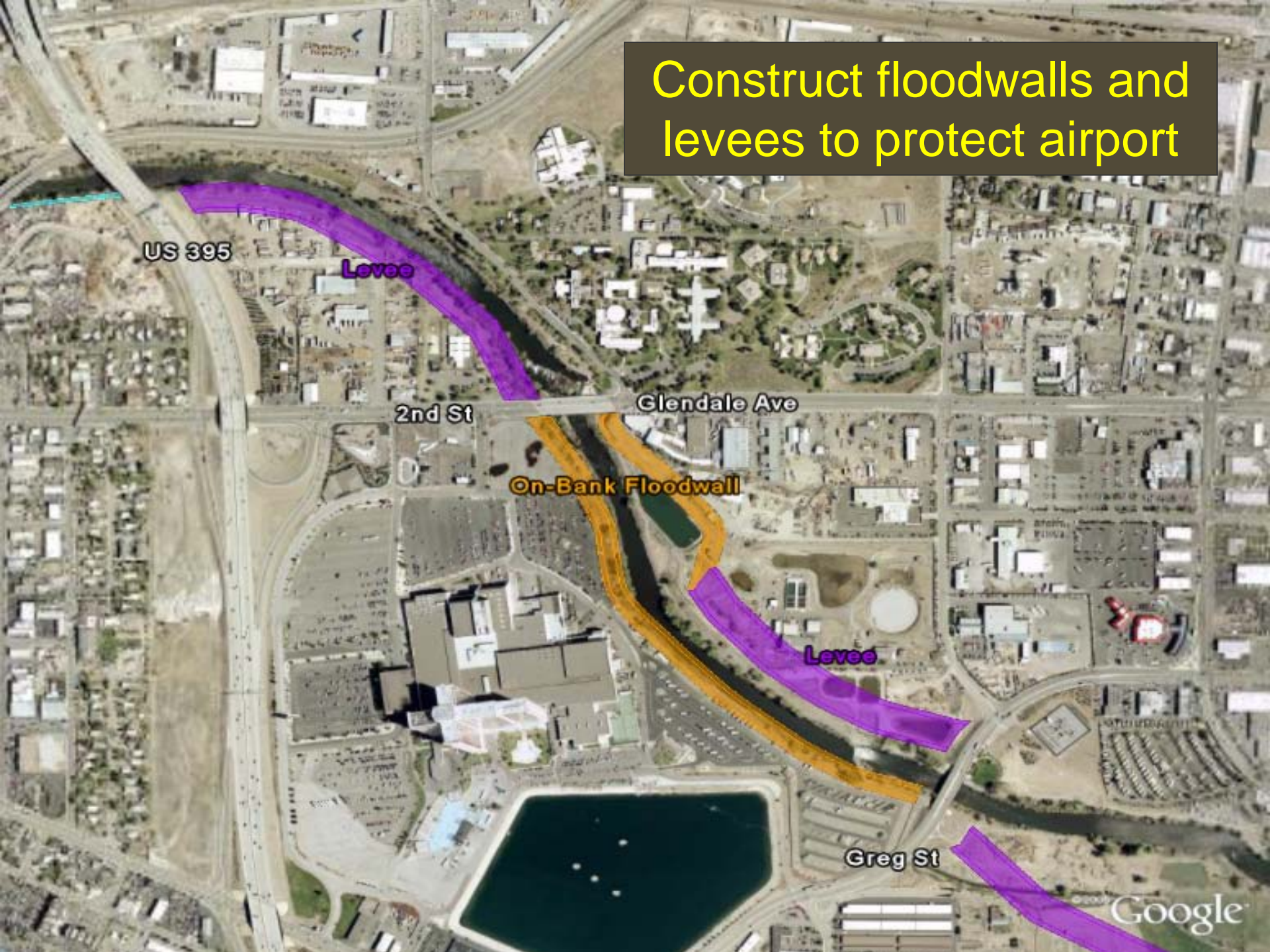
◎ Floodwall & Levee

- Reno-Sparks Indian Colony
Floodwall & Levee

◎ Restoration Projects

- 102 Ranch
- Lockwood
- Lower Mustang Ranch

Construct floodwalls and levees to protect airport



Reno-Sparks Indian Colony Floodwall and Levee

Public-Private Partnership:

- *Reno-Sparks Indian Colony*
- *State of Nevada Department of Corrections*
- *Walmart*
- *Flood Project*

ASCE and APWA :
2010 Environmental Project of the Year

Current Projects

◎ Virginia Street Bridge

- Bridge Visioning – Complete
- Bridge Design – Complete
- Construction – Approved by Reno City Council

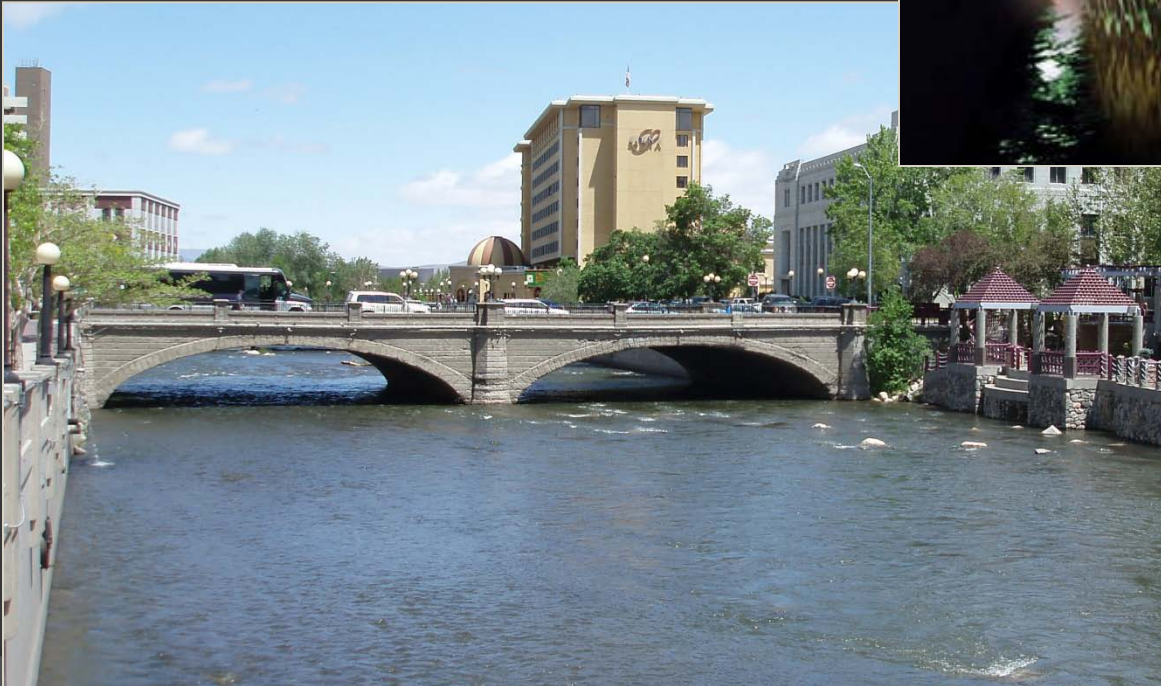
◎ Tracy Power Plant Restoration

- Construction - complete

◎ North Truckee Drain

- Design - complete
- Portion of construction is complete

Virginia Street Bridge Present



Virginia Street Bridge Future



North Truckee Drain Re-Alignment



North Truckee Drain Re-Alignment Project



Ground Breaking Ceremony

Culvert Installation
2-18-14



Next Steps

- ◉ Continue to work on data analysis for rates, public hearings, judicial review and rate implementation.
- ◉ Finalize 100-yr flood control plan, project benefits analysis and elements.
- ◉ Continue to work with Army Corps of Engineers on WRRDA Section 1036 for project review of the local 100-yr flood control plan for construction and Federal Funding.

Questions?

