

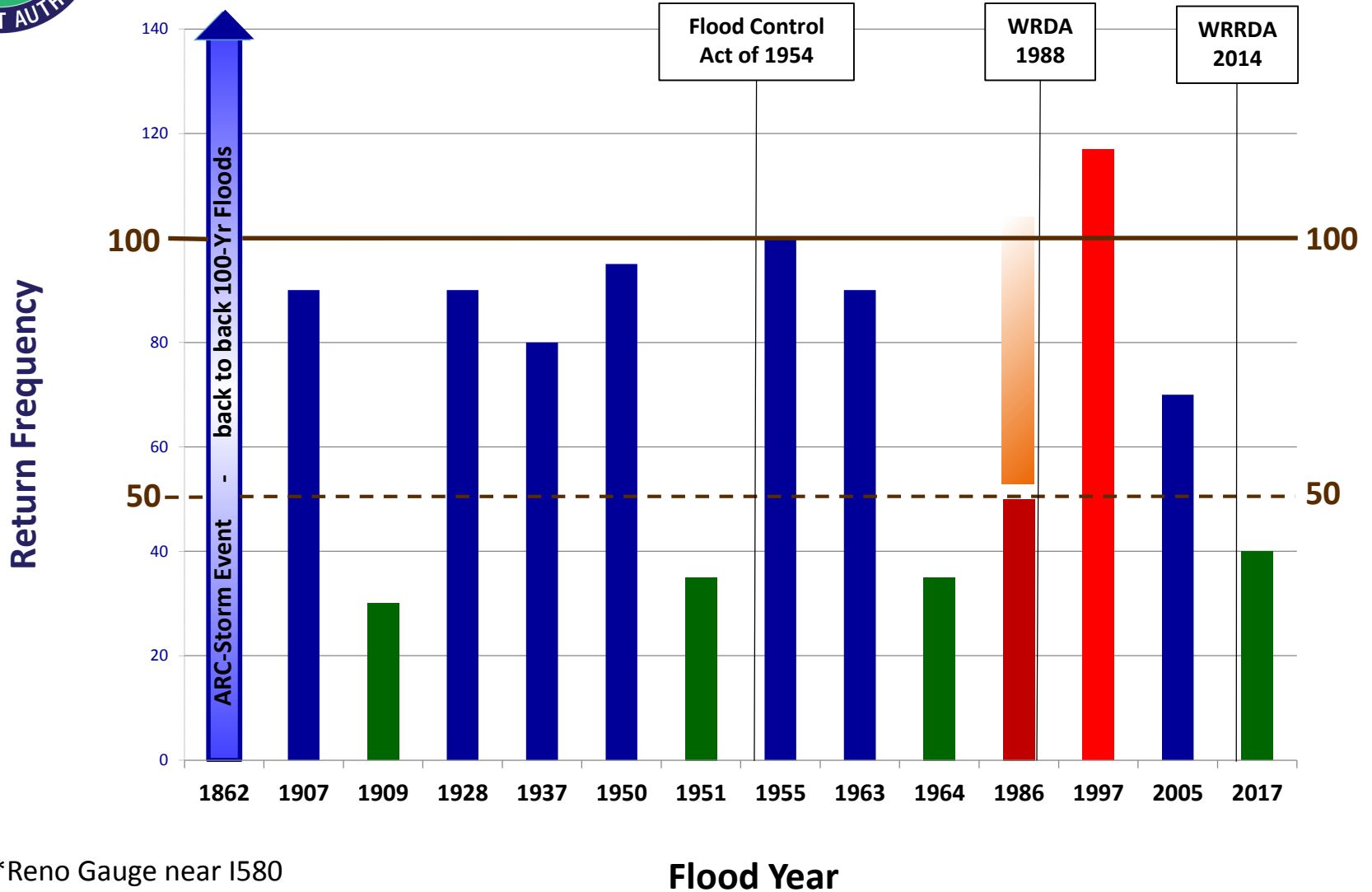


TRFMA Presentation to Sparks City Council

March 13, 2017



Downtown Reno* Flooding History



*Reno Gauge near I580



Downtown Reno Flooding 1955





UNR Farms Flooding 1986





Industrial Sparks Flooding 1997





Hidden Valley Flooding 2005





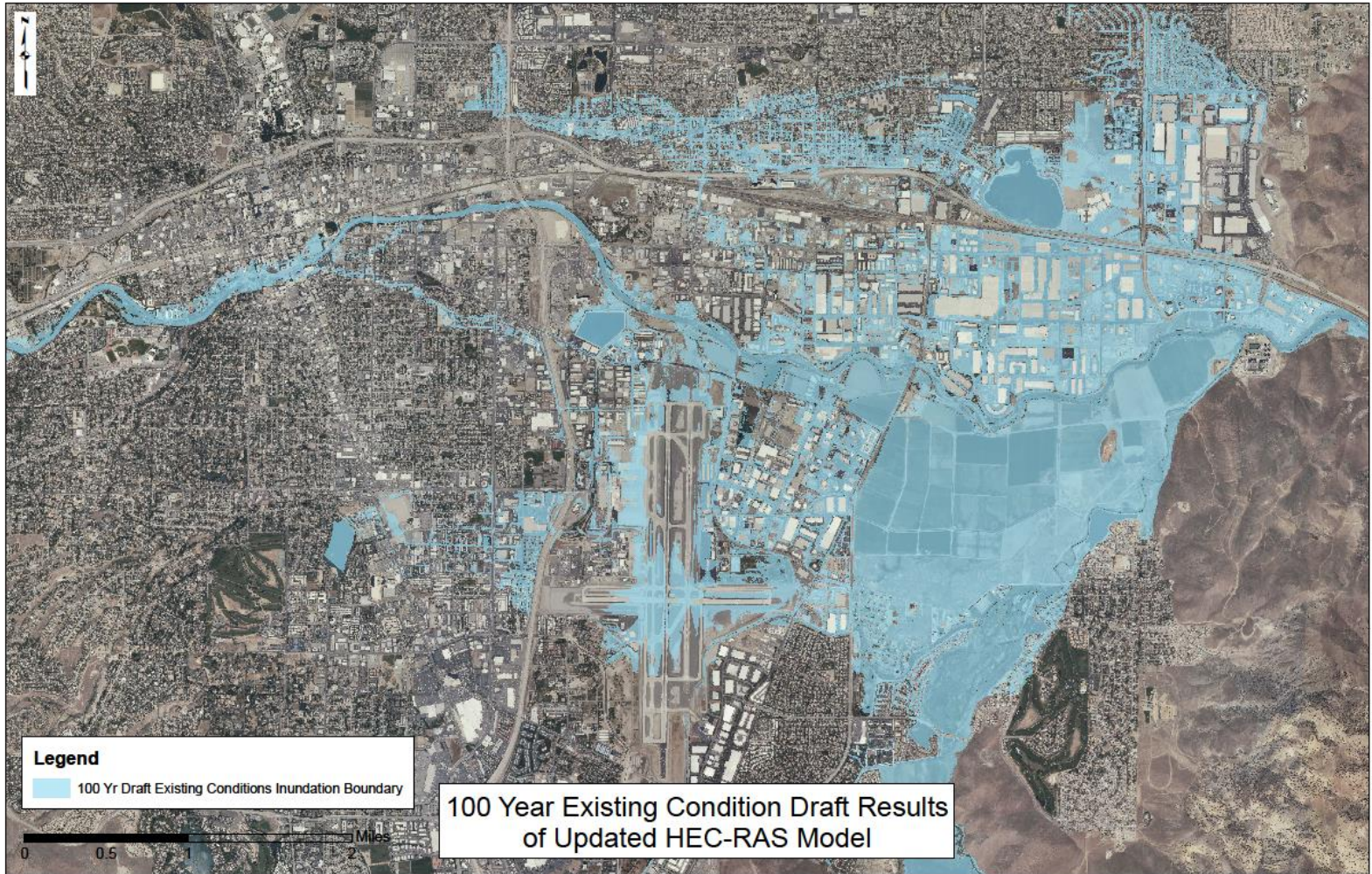
Industrial Sparks Flooding 2017

Posted by City of Sparks, Nevada Government
987 Views





Revised 2-D Model of Existing Flood Plain



Legend
100 Yr Draft Existing Conditions Inundation Boundary

100 Year Existing Condition Draft Results
of Updated HEC-RAS Model

Flood Management History/Operations





Infrastructure/funding

- **Interlocal Agreement**
 - Washoe County, City of Reno, City of Sparks
 - 6-member board, 2 from each agency
 - All decisions must be unanimous
- **Sales Tax** -1998 Washoe County Commission approved 1/4 cent
 - Dedicated 1/8 cent to Public Safety and Flood Control
 - Yields ~ \$8 million, \$5 to \$6 million after debt service



Capital Projects Completed

- New Virginia Street Bridge – \$12.2 million
- Reno-Sparks Indian Colony Floodwall and Levee – \$1.8 million
- Hidden Valley Engineering Study – \$0.6 million
- Restoration Projects: 102 Ranch, Lockwood, Lower Mustang Ranch, Tracy Power Plant – \$6.5 million
- North Truckee Drain – \$5 million
- Property Purchases, Relocations, Demolitions – \$48 million

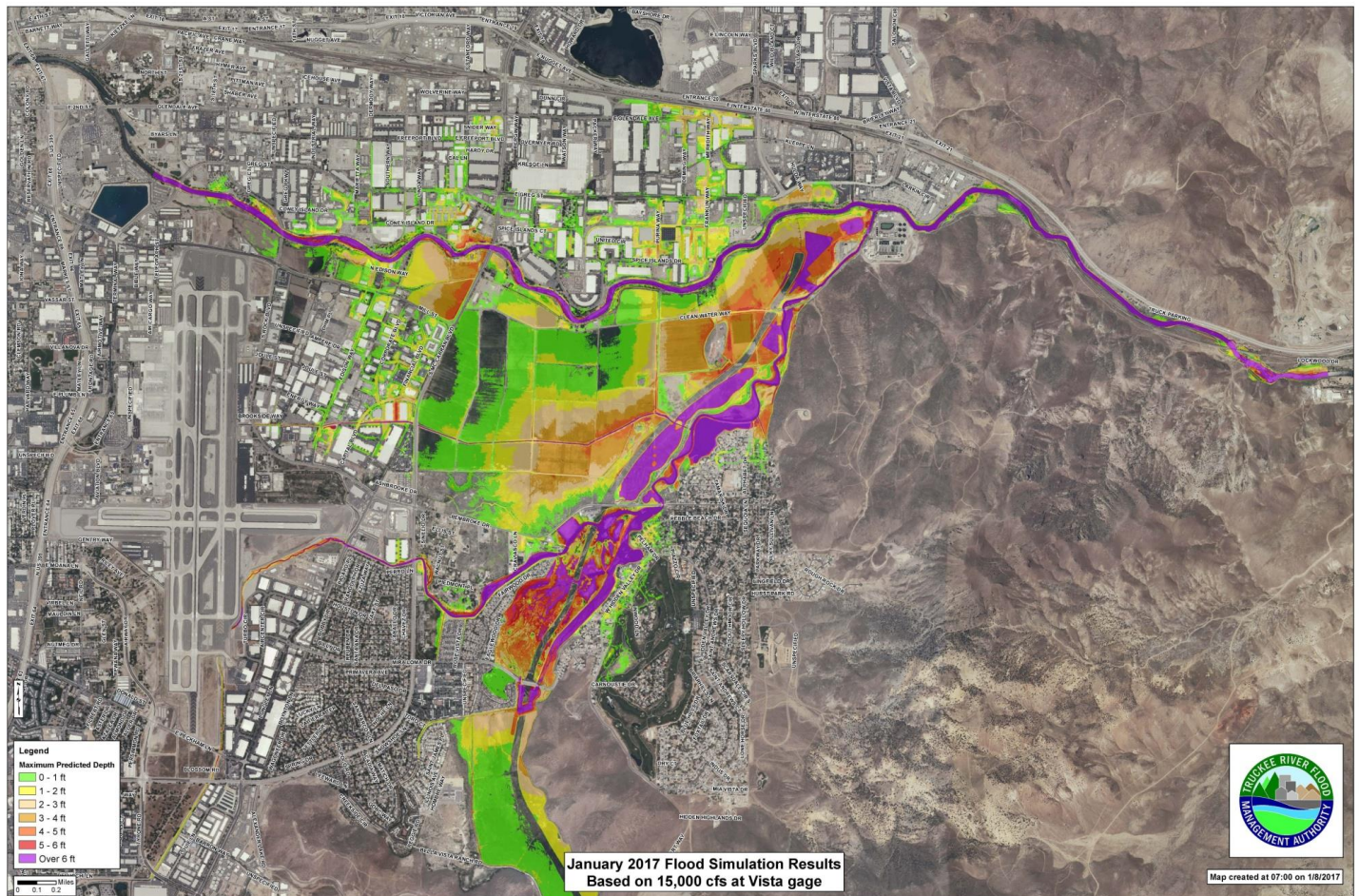


TRFMA: The community's early warning system

- **Flood Warning System**
 - TRFMA operates and maintains the flood warning system for the region
- **The 2017 Flood**
 - TRFMA and the National Weather Service showed real-time mapping of the potential flooding areas
- **...And it Worked**



Truckee Meadows Simulation Flood Map January 2017



The TRFMA Project





The Truckee River Project

- **100-year Plan**
 - Designed using US Army Corps of Engineers's criteria
- **Project Cost**
 - Started less than \$300 million, ballooned to \$1.6 billion
 - Through planning & engineering current cost is ~ \$400 million
- **Federal Contribution**
 - ~ \$180 million
 - Negotiate Partnership agreement with the Corps by ~ 2021
(requires successful vote in 2018)
 - Or Federal funding will be lost, never to return



The Truckee River Project

- **TRFMA Direct Benefit Fee**
 - The Authority may impose a flood fee
 - For planning purposes, the board is considering \$8 per 1,000 SF of developed commercial space in the Direct Benefit Area (DBA)
- **Other Funding Sources**
 - TRFMA is seeking other funding sources through an open public process by committee, established by the state – and ultimately approved by the voters of Washoe County



Financial responsibility

- **Financial Goal**
 - Construct the project ASAP keeping tax revenue collections and spending LOW
- **Construction ASAP scenario,**
 - Project will not be completed until 2032; (assume min 12 year build out)
- **Financing Plan**
 - Must balance construction duration with affordability
 - Take advantage of potential federal funds that expire in 2021

Proposed Legislation





Proposed Legislation

- **Follow the SB411 Committee Model**
 - The school construction ballot initiative committee from the 2015 session
 - Create a committee to determine how best to address funding
- **Committee Legislation – 18 months**
 - Committee to design a question for the 2018 ballot to provide funding from a source (or sources)
- **Briefings**
 - Entire Washoe Delegation, Governor's Office and the Congressional Delegation
 - Assemblyman Mike Sprinkle is providing the BDR

Flooding Will Continue.

We Must Address All Aspects.

**We Must Take Advantage of Federal
Funding.**





Your support is critical

- **Support for TRFMA**
 - Would appreciate your demonstration of support for the Flood Project and the open public process being recommended by our Board.
- **Legislative Delegation Support**
 - The Washoe County legislative delegation would appreciate a statement of support and unification of our local elected officials around this process.


Thank you. Questions?






www.trfma.org

LEGEND

 DRAFT Direct Benefit Area


0 Miles 0.45

