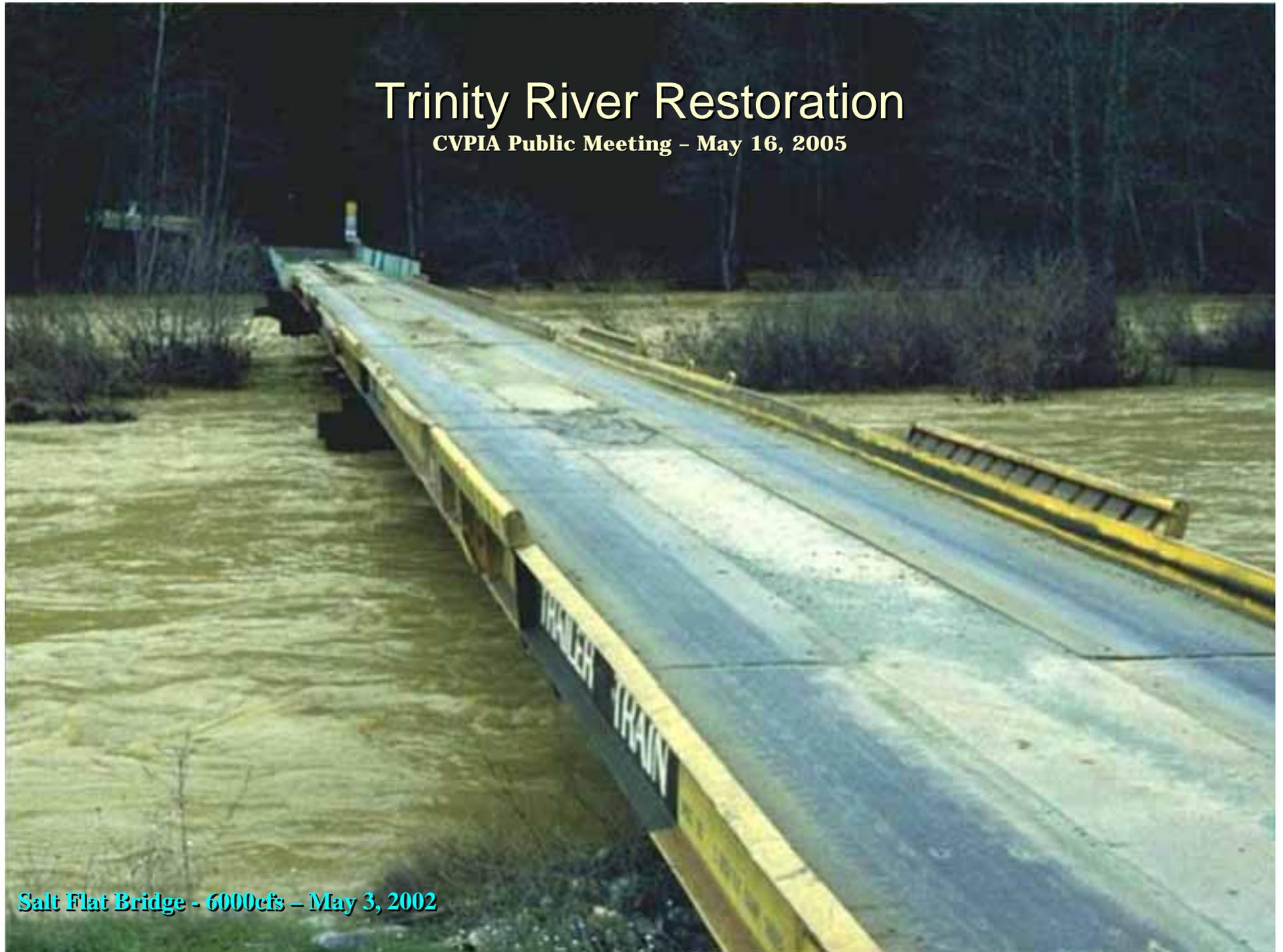


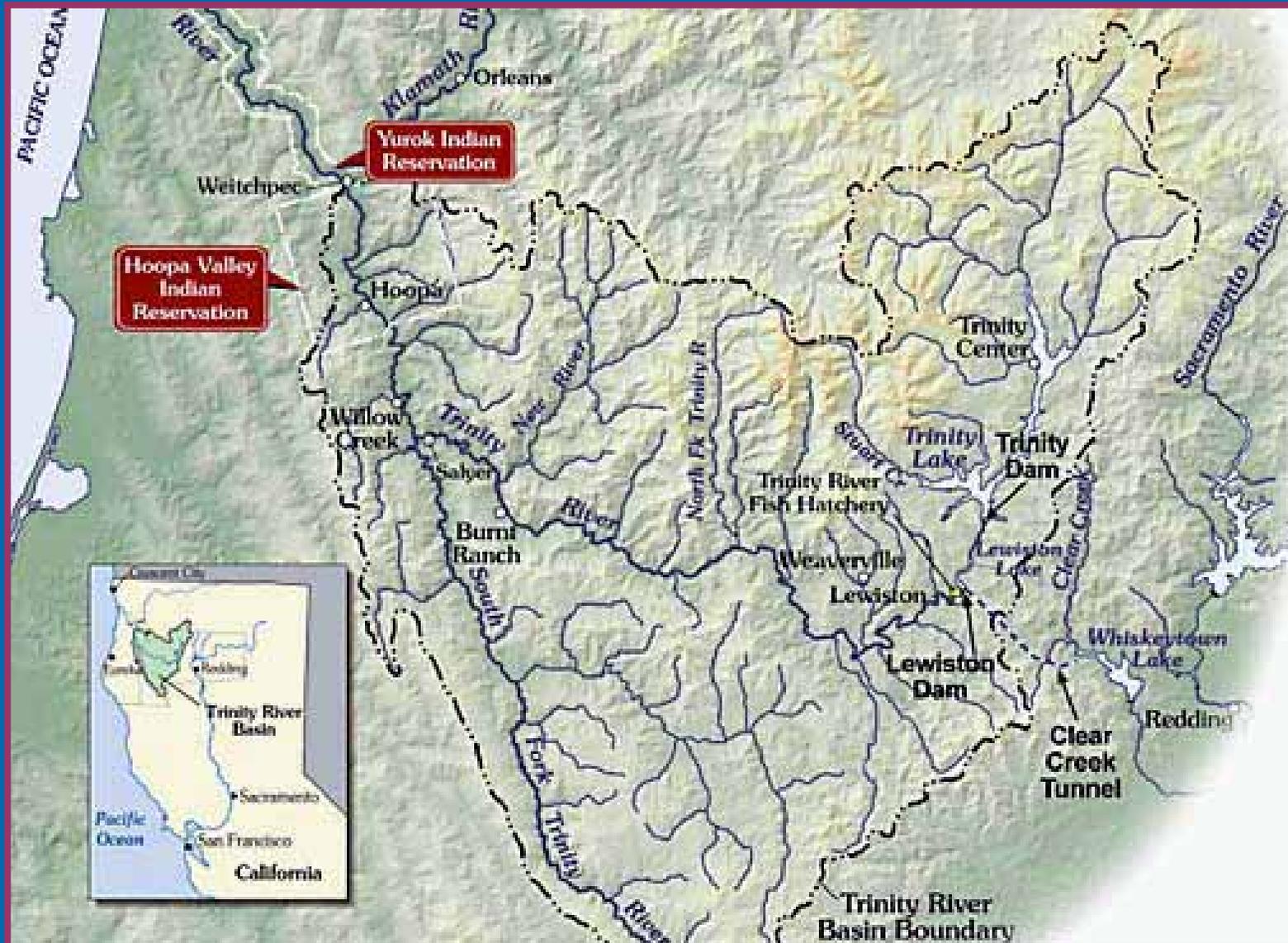
Trinity River Restoration

CVPIA Public Meeting - May 16, 2005



Salt Flat Bridge - 6000cfs - May 3, 2002

Location Map

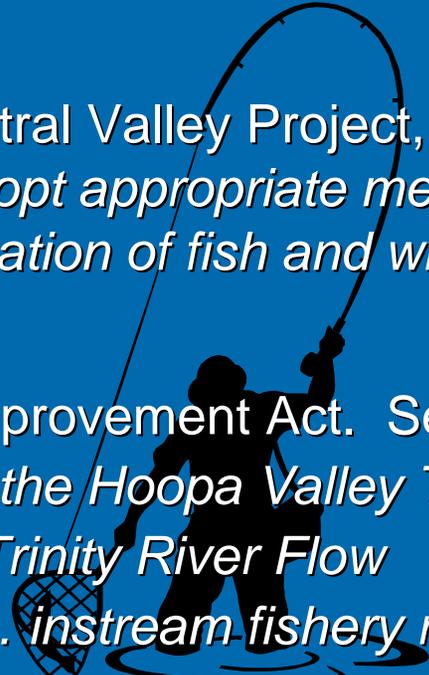


- Record of Decision
 - ✦ Variable Annual Flow Regime
 - ✦ Mechanical Channel Rehabilitation
 - ✦ Sediment Management
 - ✦ Watershed Restoration
 - ✦ Infrastructure Improvement
 - ✦ Adaptive Environmental Assessment and Management Program (AEAM)



• Specific Statutory Authorities

- PL 84-386, Trinity River Division, Central Valley Project, August 12, 1955 - *“...the Secretary...shall adopt appropriate measures to insure the preservation and propagation of fish and wildlife...”*
- PL 102-575, Central Valley Project Improvement Act. Section 3406(b)(23) – *“...If the Secretary and the Hoopa Valley Tribe concur in the recommendations (the Trinity River Flow Evaluation Study)... increase to the ... instream fishery releases shall be implemented accordingly”*. Section 3407 – Authorizes the CVP Restoration Fund and appropriations from that fund to *“... carry out programs, projects, plans, and habitat restoration... provisions of this title.”*



The Flow Regime Under the ROD

Water Year Class	Volume (acre-feet)	Peak Flow (cfs)	Peak Flow Duration (days)
Critically Dry	368,600	1,500	36
Dry	452,600	4,500	5
Normal	646,900	6,000	5
Wet	701,000	8,500	5
Extremely Wet	815,200	11,000	5

“...Reclamation will take appropriate steps in a timely manner to ensure that affected bridges, houses and outbuildings are structurally improved or relocated or otherwise addressed before implementing peak releases”



Record of Decision (ROD) – Trinity River Mainstem Fishery Restoration, Page 15, December 19, 2000



Biggers Road Bridge



Biggers Road Bridge



Biggers Road Bridge



Biggers Road Bridge



Biggers Road Bridge



Buctail Road



Bucktail Road



Bucktail Road



Poker Bar Bridge



Poker Bar Bridge



Poker Bar Bridge



Poker Bar Bridge



Salt Flat Bridge



Salt Flat Bridge

4200 U509517



Salt Flat Bridge



Salt Flat Bridge



Salt Flat Bridge

Total Costs – Trinity River Bridges

- Funding Sources

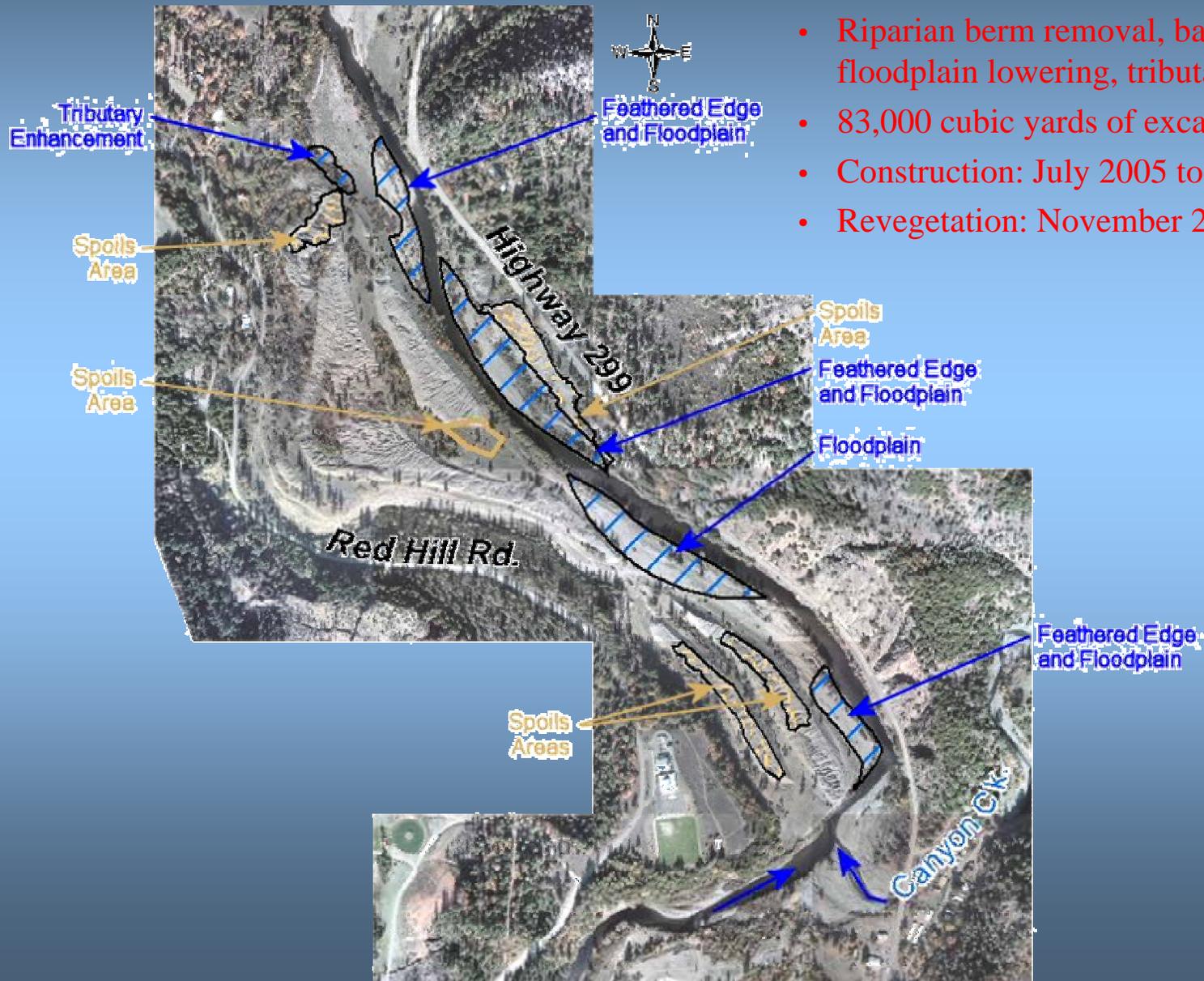
✿ BOR.....	\$ 4.3 M
✿ CVPIA.....	\$ 3.6 M
✿ Cal Fish & Game.....	<u>\$ 1.9 M</u>
✿ Total.....	\$ 9.8 M



Hocker Flat Rehabilitation Site (Trinity River Mile 78 to 79.1)

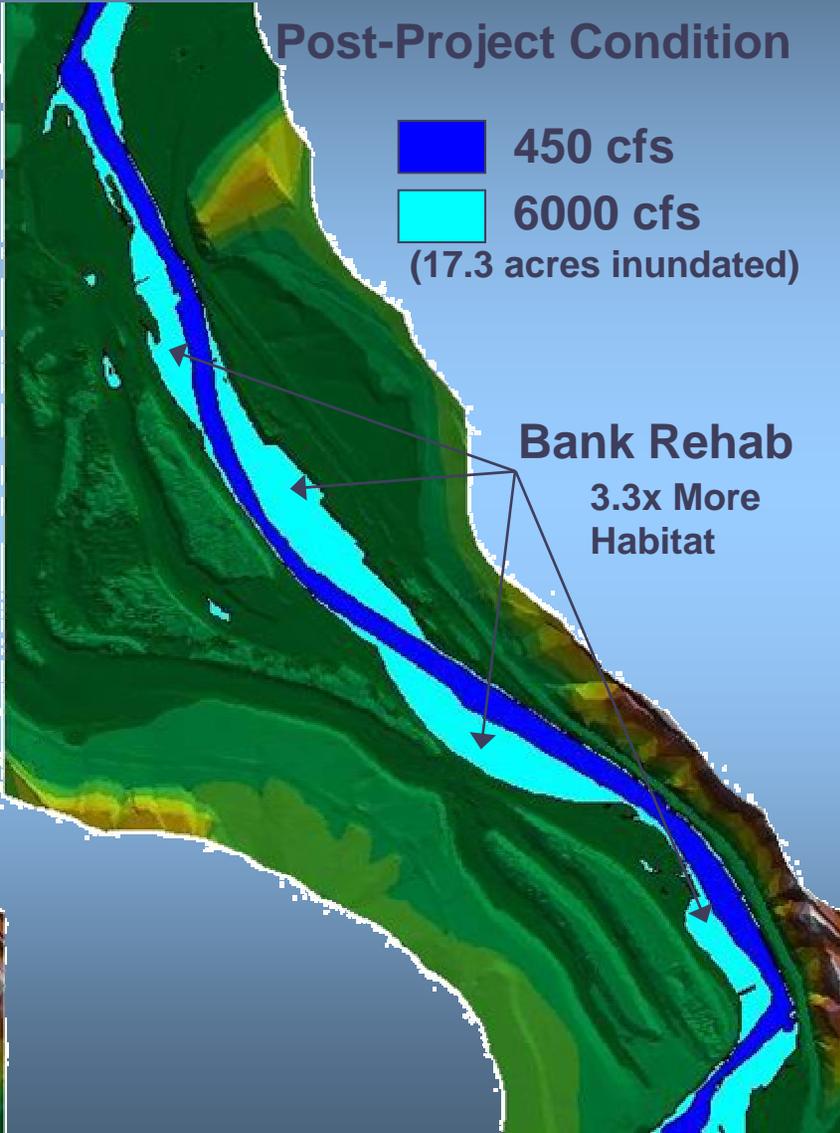
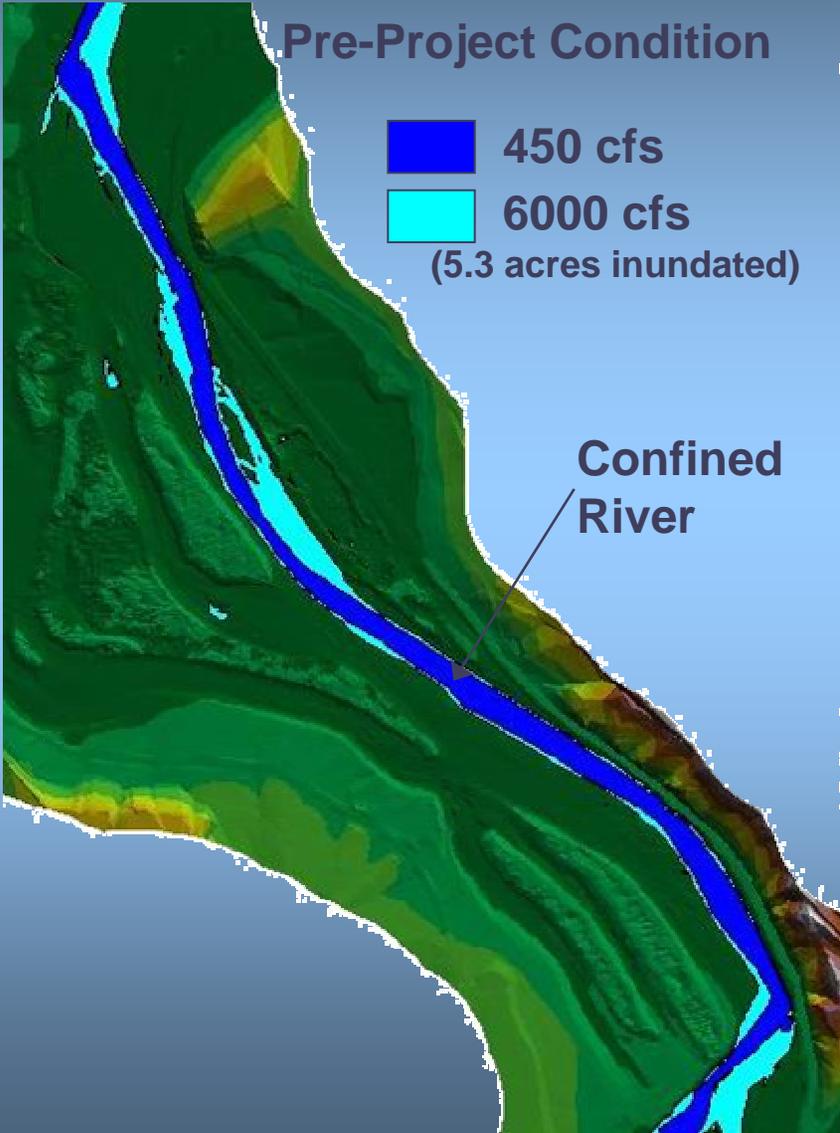


Hocker Flat Rehabilitation Site



- Riparian berm removal, bank feathering, floodplain lowering, tributary enhancement
- 83,000 cubic yards of excavation
- Construction: July 2005 to October 2005
- Revegetation: November 2005 to March 2006

Hocker Flat Rehabilitation Site



Summary of FY05 Program Costs and Funding Sources

Funding Sources						
#	Task	Total Cost	Bureau of Reclamation	US Fish & Wildlife Service	CVPIA	State
1	Program Administration	\$ 2,100,000	\$ 2,100,000			
2	Implementation (Restoration/Rehabilitation)	\$ 4,100,000	\$ 3,100,000		\$ 1,000,000	\$ 0
3	Monitoring and Analysis	\$ 3,800,000	\$ 800,000	\$ 3,000,000		
			0			
			0			
			0			
Total Program Budget		\$ 10,00,000	\$ 6,000,000	\$ 3,000,000	\$ 1,000,000	\$ 0

Trinity River Restoration Program

Draft FY 2004 Budget

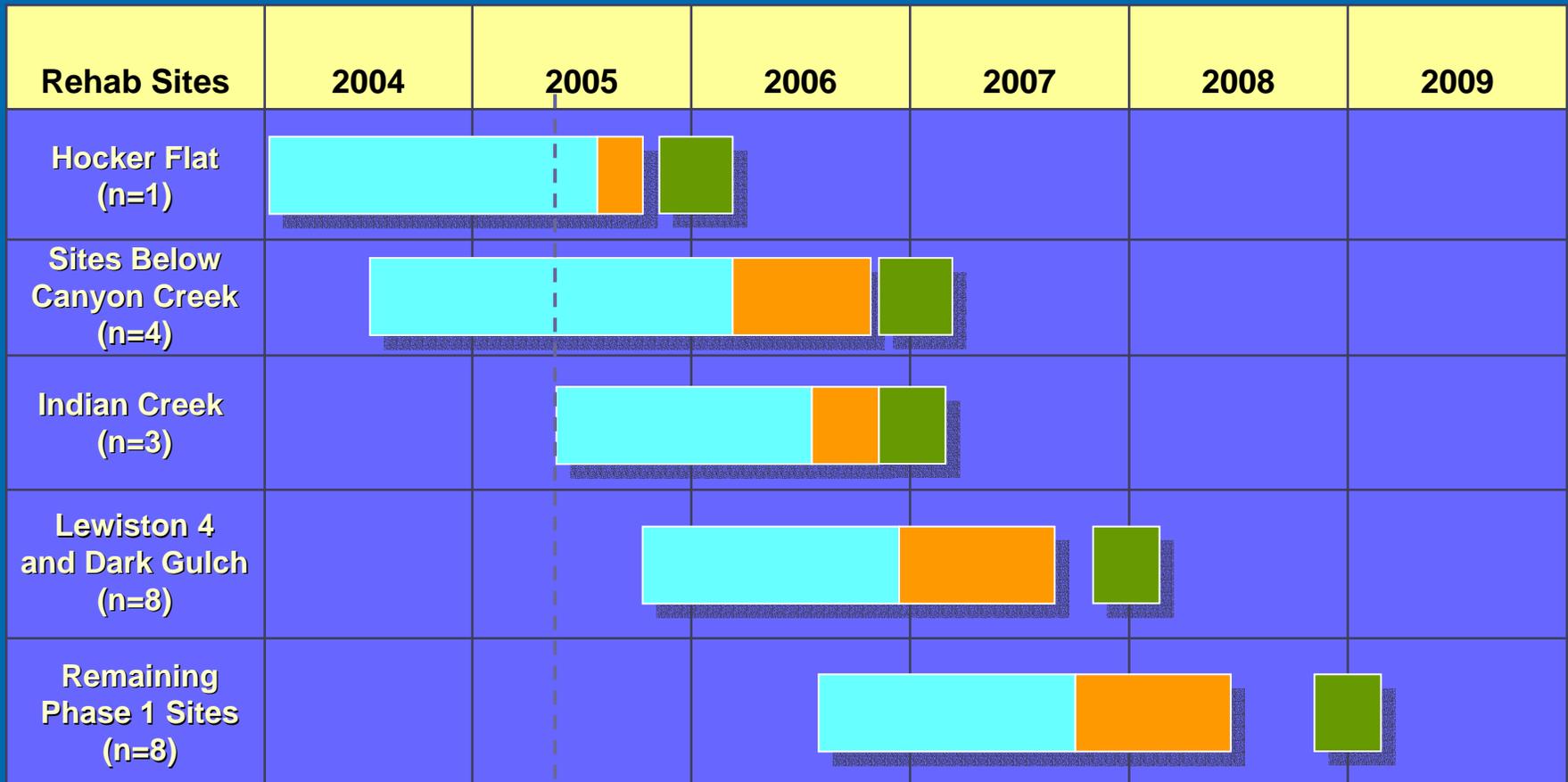
PROGRAM ADMINISTRATION	
AEAM Team-Weaverville Office	\$ 1,075,000
Trinity Management Council	\$ 775,000
Trinity Adaptive Management Working Group	\$ 60,000
Independent Review committees	\$ 145,000
Information Management	\$ 45,000
ADM Total	\$ 2,100,000

MODELING AND ANALYSIS	
AEAM Team	\$ 380,000
Stream Gaging	\$ 415,000
Sediment Management	\$ 415,000
Adult Health Studies	\$ 212,000
Migration Studies	\$ 545,000
Hatchery Practices	\$ 340,000
Run Size/Angler Harvest	\$ 1,153,000
Riparian Vegetation	\$ 85,000
Wildlife Studies	\$ 255,000
TMAG Total	\$ 3,800,000

REHABILITATION AND RESTORATION	
AEAM Team	\$ 725,000
Bridges and Structure	\$ 1,520,000
Channel Restoration	\$ 1,140,000
Sediment Management (7100)	\$ 490,000
Tributaries (7100)	\$ 225,000
RIG Total	\$ 4,100,000

Grand Total	\$ 10,000,000
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Channel Rehabilitation Sites: Phase 1 Implementation Schedule



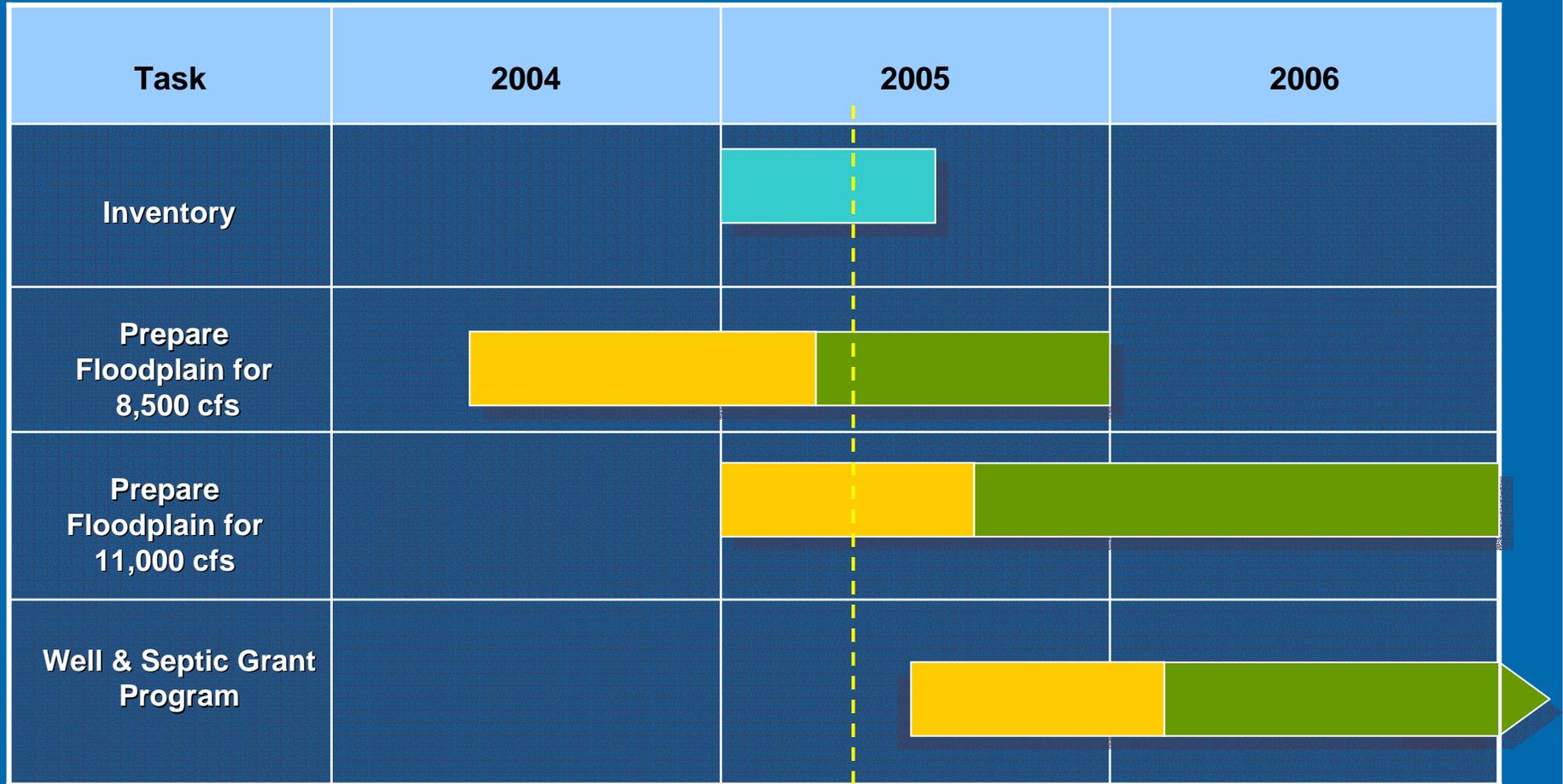
Total: 24 Rehabilitation Sites

5/16/05





Floodplain Implementation Schedule



4/15/05

