



# Truckee River Flood Management Authority

## Summary of Non-Federal Sponsor Financial Investment in Corps Feasibility Planning Efforts

November 17, 2011

NON-FEDERAL SPONSOR CONTRACTS RELATED TO CORPS PROJECT ANALYSIS AND DOCUMENTATION			
Fiscal Year(s)	Contractor Name(s)	Description of Work Performed	Funds Expended
1999 - 2003 <sup>a</sup>	WRC Nevada	Set-up and calibrated hydraulic model	\$ 700,000
2001 - 2002 <sup>a</sup>	MIG	Facilitated public process with Community Coalition	\$ 525,000
2003 <sup>a</sup>	Dr. Dick French (DRI)	Reviewed FLO-2D model*	\$ 25,000
2003 - 2011	Marcus Faust	Secured funding for Corps through lobbying efforts	\$ 409,226
2004 - 2011	Carmen Group	Secured funding for Corps through lobbying efforts	\$ 471,949
2004 - 2005	MIG	Continued stakeholder facilitation (Community Coalition)	\$ 46,231
2006	PBS&J	Public outreach efforts; prepared graphics and renderings	\$ 13,000
2006	MACTEC	Performed Rainbow Bend feasibility analysis	\$ 24,305
2007	David Ford Consulting Eng.	Reviewed North Truckee Drain hydraulics	\$ 50,802
2007 - 2010	HDR	Levee alternative feasibility analysis for Hidden Valley	\$ 305,000
2007 - 2008	URS Corporation	Prepared data/plans for downtown Reno bridges MCACES	\$ 125,821
2007 - 2009	CH2M HILL	Facilitated 'visioning' process for downtown Reno bridges	\$ 674,934
2007 - 2010	Manhard Consulting	Performed Steamboat Creek hydrology analysis	\$ 53,000
2008	RBF Consulting	Prepared Section 104 app for Home Elevation Program	\$ 10,000
2008	HDR	Performed bank stabilization analysis	\$ 49,942
2008 - 2009	Stantec	Facilitated stakeholder process; prepared recreation plan	\$ 120,000
2008 - 2011	Michael Baker Corporation	Provided GIS support and developed project maps	\$ 48,466
2010 - 2011	Overland, Pacific & Cutler	Performed market analyses and compiled real estate info	\$ 43,648
2010 - 2011	Dinter Engineering	Surveyed utilities/compiled data for legal takings analysis	\$ 98,000
2010 - 2011	Jacobs Engineering	Facilitated Section 106 and feasibility processes for VSB	\$ 504,243
2011	Wood Rodgers, Summit, Tobey Wade, Stantec	Verified eligibility of properties for home elevation; prepared preliminary engineering cost estimates	\$ 108,584
		<b>Subtotal</b>	<b>\$ 4,407,151</b>

NON-FEDERAL SPONSOR STAFF EFFORTS RELATED TO CORPS PROJECT COORDINATION			
Fiscal Year	Staff Expenses <sup>b</sup>	Operating Expenses <sup>c</sup>	Total Expenses
2004	\$ 97,848	\$ 15,166	\$ 113,014
2005	\$ 94,954	\$ 14,718	\$ 109,672
2006	\$ 258,749	\$ 41,086	\$ 299,835
2007	\$ 386,046	\$ 59,561	\$ 445,607
2008	\$ 624,501	\$ 93,746	\$ 718,247
2009	\$ 875,606	\$ 149,893	\$ 1,025,499
2010	\$ 886,505	\$ 141,452	\$ 1,027,957
2011 <sup>d</sup>	\$ 1,019,957	\$ 271,793	\$ 1,291,750
		<b>Subtotal</b>	<b>\$ 5,031,580</b>

SECTION 104 AND SECTION 113 EARLY IMPLEMENTATION EFFORTS			
Application Approval Date	Cost-Share Credit Type	Project Name	Non-Federal Contribution <sup>e</sup>
February 8, 2008	Section 104 (P.L. 99-662)	Reno Sparks Indian Colony Levee/Floodwall	\$ 4,145,694
November 4, 2008	Section 113 (P.L. 109-103)	Lockwood Ecosystem Restoration + Trailhead	\$ 2,146,000
September 17, 2008	Section 113 (P.L. 109-103)	102 Ranch Ecosystem Restoration	\$ 3,406,000
December 8, 2008	Section 104 (P.L. 99-662)	North Truckee Drain Realignment <sup>f</sup>	\$ 4,890,000
November 18, 2009	Section 113 (P.L. 109-103)	Lower Mustang Ranch Ecosystem Restoration <sup>g</sup>	\$ 3,753,000
N/A	Section 113 (P.L. 109-103)	Tracy Power Plant Ecosystem Restoration <sup>h</sup>	\$ 2,629,542
N/A	Section 113 (P.L. 109-103)	Truckee River Surface Water Rights <sup>h</sup>	\$ 24,450,000
		<b>Subtotal</b>	<b>\$ 45,420,236</b>

**Total Contracting and Staffing Investment To-Date: \$ 9,438,731**

**Total Investment To-Date, including Early Implementation Efforts (Section 104 and 113): \$ 54,858,967**

### IMPORTANT NOTES AND ASSUMPTIONS

- \*Estimated value
- <sup>a</sup>Pre-FPCC
- <sup>b</sup>Staff expenses calculated as 70% of annual salary and benefits for all agency employees combined (e.g., meetings, document review, coordination).
- <sup>c</sup>Operating expenses calculated as 60% of annual agency indirect costs (e.g., office space, utilities, copies, mailing expenses, travel, conference calls).
- <sup>d</sup>Operating expenses in 2011 increased as a result of charges per WC services agreement for certain agency administrative tasks.
- <sup>e</sup>Current non-federal contribution includes 1/8-cent sales taxes, other grant funds and in-kind match; excludes real estate costs (LERRDs).
- <sup>f</sup>Value only includes non-federal funds expended for planning and design; construction costs currently estimated at \$ 40M.
- <sup>g</sup>Estimated contribution that includes a proposed TRFMA contribution of \$ 1,379,542 for construction. Project has not yet been approved by the TRFMA Board as a TRAction Project and no Section 113 credit application has been submitted to the Corps for consideration.
- <sup>h</sup>Estimated non-federal contribution based on interpretation of Section 113 language that allows cost-share credit for the market value of water rights (i.e., credit not limited to actual funds expended to acquire water rights). Approximately 3,260 ac-ft of the specified 6,700 ac-ft confirmed to-date; current market value was estimated at \$ 7,500/ac-ft.