NORTH FORK AMERICAN RIVER TRAIL
CONSTRUCTION COST ESTIMATE

February 29, 2008

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST	FUNDING DISTRIBUTION COUNTY	PROP 40 GRANT	OTHER
PRELIMINARY COSTS - PLANNING / DESIGN							
TRAIL MASTER PLAN	LUMP SUM	1	$ 25,000.00	$25,000.00	$25,000.00	$0.00	$0.00
ROUTE & MAP TRAIL	HOURS	140	$ 47.00	$6,580.00	$6,580.00	$0.00	$0.00
NEPA/CEQA	ALLOW	1	$ 254,810.00	$254,810.00	$254,810.00	$0.00	$0.00
PERMITS	EACH	1	$ 5,000.00	$5,000.00	$5,000.00	$0.00	$0.00
DESIGN CONTRACT	LUMP SUM	1	$ 105,000.00	$105,000.00	$105,000.00	$0.00	$0.00
CO PROJECT MANAGER	HOURS	200	$ 60.00	$12,000.00	$12,000.00	$0.00	$0.00
REPRODUCTION COSTS	ALLOW	1	$ 1,500.00	$1,500.00	$1,500.00	$0.00	$0.00
ESTIMATED TOTAL PRELIMINARY COSTS				**$409,890.00**	**$409,890.00**	**$0.00**	**$0.00**
CONSTRUCTION COSTS							
TRAIL CONST - LABOR, MATERIAL & EQUIPMENT							
Tree/Brush Clearing							
Trail Brushing - access clearing	LINEAL FT	74,976	$ 0.25	$18,444.00	$0.00	$18,444.00	$0.00
Trail Brushing - corridor clearing	LINEAL FT	74,976	$ 1.30	$97,753.71	$0.00	$97,753.71	$0.00
Downed Tree Removal	EACH	20	$ 39.36	$787.20	$0.00	$787.20	$0.00
			ITEM TOTAL	**$116,984.91**	**$0.00**	**$116,984.91**	**$0.00**
Trail Excavation							
Hand Crew Excavation/Finishing	LINEAL FT	74,976	$ 1.73	$130,030.88	$0.00	$130,030.88	$0.00
Rock Excavation	Cu Feet	500	$ 19.68	$9,840.00	$0.00	$9,840.00	$0.00
Equipment Costs	HOURS	428	$ 45.00	$19,260.00	$0.00	$19,260.00	$0.00
Equipment Operator	HOURS	428	$ 64.00	$27,392.00	$0.00	$27,392.00	$0.00
Switchback Construction	EACH	16	$ 1,416.96	$22,671.36	$0.00	$22,671.36	$0.00
Rock Lined Stream Bed Crossing	EACH	41	$ 984.00	$40,344.00	$0.00	$40,344.00	$0.00
			ITEM TOTAL	**$249,538.24**	**$0.00**	**$249,538.24**	**$0.00**
Trail Restoration							
BMPs - Mulch/Seed/Duff Distribution	LUMP SUM	1	$ 43,050.00	$43,050.00	$0.00	$43,050.00	$0.00
				$43,050.00	**$0.00**	**$43,050.00**	**$0.00**
Rock Walls							
Rock Gathering and Transport	Cu Feet	20,206	$ 4.92	$99,413.52	$0.00	$99,413.52	$0.00
Rock Placement - multi-tier	Cu Feet	20,206	$ 19.68	$397,654.08	$0.00	$397,654.08	$0.00
				$497,067.60	**$0.00**	**$497,067.60**	**$0.00**
Three Timber Bridges							
Material Costs	LUMP SUM	1	$ 30,217.34	$30,217.34	$0.00	$30,217.34	$0.00
Labor	LUMP SUM	1	$ 10,902.72	$10,902.72	$0.00	$10,902.72	$0.00
			ITEM TOTAL	**$41,120.06**	**$0.00**	**$41,120.06**	**$0.00**
Staging Areas							
Ponderosa Staging Area	LUMP SUM	1	$ 48,648.25	$48,648.25	$0.00	$48,648.25	$0.00
Foresthill Bridge Staging Area	LUMP SUM	1	$ 505,000.00	$505,000.00	$159,509.06	$345,490.94	$0.00
			ITEM TOTAL	**$553,648.25**	**$159,509.06**	**$394,139.19**	**$0.00**
Interpretive Kiosks / Signs							
Kiosks	EACH	2	$ 4,500.00	$9,000.00	$0.00	$9,000.00	$0.00
Interpretive Signs	EACH	25	$ 1,500.00	$37,500.00	$0.00	$37,500.00	$0.00
			ITEM TOTAL	**$46,500.00**	**$0.00**	**$46,500.00**	**$0.00**
Miscelaneous Construction Costs							
PROP 40 ACKNOWLEDGEMENT SIGNS	EACH	2	$ 1,500.00	$3,000.00	$0.00	$3,000.00	$0.00
CONST. COORDINATION / ENVIRON. MONITORING	HOURS	1,515	$ 40.00	$60,600.00	$0.00	$60,600.00	$0.00
CO PROJECT MANAGER	HOURS	800	$ 60.00	$48,000.00	$0.00	$48,000.00	$0.00
REPRODUCTION COSTS	LUMP SUM	1	$ 1,000.00	$1,000.00	$1,000.00	$0.00	$0.00
			ITEM TOTAL	**$112,600.00**	**$1,000.00**	**$111,600.00**	**$0.00**
ESTIMATED TOTAL CONSTRUCTION COSTS				**$1,660,509.06**	**$160,509.06**	**$1,500,000.00**	**$0.00**
Construction Contingency (10%)				$166,050.91	$166,050.91	$0.00	$0.00
TOTAL ESTIMATED CONSTRUCTION COSTS				**$1,826,559.96**	**$326,559.96**	**$1,500,000.00**	$0.00
ESTIMATED TOTAL PRELIMINARY AND CONSTRUCTION COSTS				**$2,236,449.96**	**$736,449.96**	**$1,500,000.00**	**$0.00**