

**CITY OF HUNTINGTON BEACH, CA - BRIDGE PREVENTATIVE MAINTENANCE PLAN**

**Priority List - Federal Fiscal Year 2009/2010 (EJB, 10/30/2009)**

Priority (Lowest Number Is Top Priority)	County Location	Implementing Agency	Bridge number from Inspection Report	Local Agency Bridge ID	Facility Carried	Feature Intersected	Location	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (ft <sup>2</sup> )	Total Particip. Cost (see notes)	Unit Cost (\$/ft <sup>2</sup> )	Federal Share	Running Fed Summary	Local Share	Running Local Share
			Develop next year's BPMP									\$ 10,000		\$ 8,853	\$ 8,853	\$ 1,147	\$ 1,147
1	Orange	City of Huntington Beach	55C0096	3	BROOKHURST ST	TALBERT CHANNEL	0.1 MI N/O ROUTE 1	93.6	-	Joint Seals: remove and replace pourable joint seals. Deck: Remove AC pavement, clean deck and seal with membrane waterproofing and AC pavement. Barrier: Seal Cracks and/or clean and patch spalls at various locations. Remove and replace severely corroded concrete barriers with epoxy coated reinforcement. Railing: Replace corroded W railing and missing post. Remove and replace chain link railing fabric and clean and paint posts. Embankment: Fill erroded areas and place RSP at Abutment 1.	19,343	\$ 1,419,000	\$ 73.36	\$ 1,256,241	\$ 1,265,094	\$ 162,759	\$ 163,906
2	Orange	City of Huntington Beach	55C0388	20	MAGNOLIA ST	HUNTINGTON BEACH CHANNEL	0.2 MI N/O ROUTE 1	96.7	-	Deck Surface: Remove AC surfacing, clean deck and seal with membrane waterproofing and AC surfacing. Abutments: Remove unsound concrete and patch spalls. Pier Walls: Remove unsound concrete and patch spalls. Barrier: Remove and replace 2'-1" high concrete parapet with epoxy coated rebar. Chain Link Railing: remove and replace w/ coated chain link railing fabric and clean and paint posts and railing. Embankment: Add RSP under bridge.	8,818	\$ 890,000	\$ 100.93	\$ 787,917	\$ 2,053,011	\$ 102,083	\$ 265,989
3	Orange	City of Huntington Beach	55C0417	24	WARNER AVENUE	BOLSA CHICA BEACH CHANNEL	0.2 MI E/O ROUTE 1	82.0	-	Joint Seals: remove & replace pourable joints seals. Deck Surface: Remove AC surfacing, clean deck and seal with membrane waterproofing and AC surfacing. Cap Beams: Remove unsound concrete and clean and patch spalls. Barrier: Replace extensively corroded barriers with epoxy coated reinforcement. Chain Link Railing: Remove chain link railing and replace w/ vinyl clad railing. Bank Protection: install RSP under bridge, both abutments.	7,285	\$ 697,000	\$ 95.68	\$ 617,054	\$ 2,670,065	\$ 79,946	\$ 345,935

Notes: Total participating cost includes:  
 Summation of estimated cost for each item under Work Description.  
 Mobilization of up to 20% to account for small, remote projects.  
 Contingency of 25% to account for higher risk in cost variance for maintenance projects.  
 Preliminary Engineering  
 Construction Management