

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

**Priority List - Federal Fiscal Year 2011/2012 (Updated January 2012)**

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 Federal Share	Local Share	Running Local Share
1	Orange	City of Huntington Beach	55C-0417	24	WARNER AVE	BOLSA CHICA BEACH CHANNEL	0.2 MI N/O ROUTE 1	82.0	-	Joint Seals: remove & replace pourable joints seals. Deck Surface: Remove AC surfacing, clean deck and seal with methacrylate and finish with polyester concrete overlay Cap Beams and piles: remove unsound concrete and clean and patch spalls. Barrier: replace extensively corroded barriers with new barrier with epoxy coated reinforcement. Chain Link Railing: Remove chain link railing and replce w/galvanized or stainless steel railing. Bank Protection: Install RSP under bridge, both abutments, to restore original RSP.	7,290	\$ 964,981	\$ 132.37	\$ 854,298	\$ 854,298	\$ 110,683	\$ 110,683
2	Orange	City of Huntington Beach	55C-0388	20	MAGNOLIA ST	HUNTINGTON BEACH CHANNEL	0.2 MI N/O ROUTE 1	96.7	-	Joint Seals: remove & replace pourable joints seals. Deck Surface: Remove AC surfacing, clean deck and seal with methacrylate and finish with polyester concrete overlay Pier walls: remove unsound concrete and clean and patch spalls. Abutments: Remove unsound concrete and patch spalls. Barrier: replace extensively corroded barriers with new barrier with epoxy coated reinforcement. Chain Link Railing: Remove chain link railing and replce w/galvanized or stainless steel railing. Bank Protection: Install RSP under bridge, both abutments, to restore original RSP.	8,950	\$ 1,045,011	\$ 116.76	\$ 925,148	\$ 1,779,446	\$ 119,863	\$ 230,546
3	Orange	City of Huntington Beach	55C-0096	3	BROOKHURST ST	TALBERT CHANNEL	0.1 MI N/O ROUTE 1	93.6	-	Joint Seals: remove & replace pourable joints seals. Deck Surface: Remove AC surfacing, clean deck and seal with methacrylate and finish with polyester concrete overlay Bent caps and piles: remove unsound concrete and clean and patch spalls. Barrier: replace extensively corroded barriers with new barrier with epoxy coated reinforcement. Chain Link Railing: Remove chain link railing and replce w/galvanized or stainless steel railing.	19,470	\$ 1,508,924	\$ 77.50	\$ 1,335,850	\$ 3,115,296	\$ 173,074	\$ 403,620

Notes: Total participating cost includes:  
 Summation of estimated cost for each item under Work Description.  
 Mobilization  
 Contingency appropriate for the level of construction documents development  
 Preliminary Engineering (PE)  
 Construction Management/Engineering (CE)