County of Riverside

Federal Fiscal Year 2016/2017 Bridge Preventive Maintenance Program

PM00180

Priority (Lowest Number Is Top Priority)	Agency Location	Bridge Number from Inspection Report	Facility Carried	Feature Intersected	Location	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (ft^2)	Unit Cost ($/ft^2$)	Federal Share	Local Share	Total Particip. Cost
1	Riverside County	56C0308	Temescal Canyon Road	Indian Wash	0.2 Mi E/O Indian Truck	77.6	FO	Backfill with rocks and grout the undermining of sacked concrete slope protection at both abutments. Clean and paint all steel columns, especially the rusty portion of the steel column base.	3,142	125	$ 348,247.81	$ 45,119.19	$ 393,367.00
2	Riverside County	56C0290	Mockingbird Canyon Road	Mockingbird Canyon Creek	0.9 Mi SE/O Van Buren Bl.	94.1		Excavate and backfill the undermining at the outlets on the south side of the bridge. Repair all the spalls on the culvert headwalls with polyester concrete.	2,640	37	$ 85,720.94	$ 11,106.06	$ 96,827.00
3	Riverside County	56C0510	Warren Road	Salt Creek	0.1 MI. N/O Domenigoni Pk	96.2		Replace three rusted ends (section loss) of the tubular hand railing on the south side of the bridge. These hand railings will be replaced by splicing.	21,714	2	$ 35,383.67	$ 4,584.33	$ 39,968.00
4	Riverside County	56C0470	Airport Boulevard	Coachella Canal	0.1 Mi. E/O Buchanan St.	92.3		Repair the west abutment shear key spall and the cracks on the barrier directly above it. Place 1" of polyester concrete overlay to repair extensive map cracks and spalls on the deck. Polyester concrete overlay is recommended over the methacrylate seal to reduce the vibration issue noted in the BIR. Install expansion dams and provide a transition between the existing AC approach and the newly raised deck.	3,623	75	$ 239,547.13	$ 31,035.87	$ 270,583.00
5	Riverside County	56C0163	Dillon Road	Coachella Canal	50' N/O Avenue 44	53.6	FO	Repair spalls on the concrete deck. Clean and seal the concrete deck by coating the deck with methacrylate.	2,066	45	$ 81,576.85	$ 10,569.15	$ 92,146.00
										Grand Total =	**$ 790,476**	**$ 102,415**	**$ 892,891**

Project Prioritization

Local Agencies must develop objective procedures to prioritize their preventive maintenance projects. These procedures must be included in the project files for review in future audits. High priority projects should include the repair of scour countermeasure, embankment erosion control and the repair, restoration, and strengthening of structural elements.

Priority should be given to bridges that are not eligible for rehabilitation or replacement under the Federal Highway Bridge Program. The intent of the program is to keep these bridges in structurally good condition to maximize their service life and to conserve limited funds available for bridges that do require major rehabilitation or replacement. (Bridges eligible for rehabilitation or replacement are rated SD or FO and have a sufficiency rating of 80 or less.)

Deadlines:

Local agency transmits the BPMP with cover letter certifying compliance with these program guidelines. The electronic copy (any spreadsheet format) should be included with the paper transmittal letter. The DLAE's must receive the BPMPs by September 30th for funds to be obligated in the next FFY year, and January 30th of each year for adjustments. No time extensions will be granted.

Accountability:

Local Agencies are responsible for understanding and complying with the program requirements defined in the "Bridge Preventive Maintenance Program Guidelines For Local Agencies."

Cost Breakdown

Subtotal Construction Cost =	$ 478,300
Mobilization (10% of Subtotal Construction Cost) =	$ 53,147
Total Construction Cost =	$ 531,447
Contingency (25% of Total Construction Cost) =	$ 132,864
PE (25% of Total Construction Cost plus $8000 for cultural study =	**$ 148,864**
for each bridge requiring ground disturbance in the channel)	
CE (15% of Total Construction Cost)=	$ 79,717
CON (Total Construction Cost + Contingency + CE) =	**$ 744,028**
Total Participating Cost=	$ 892,892