

County of San Mateo - Department of Public Works

Project Name: Rehabilitation of Various County Bridges in the Unincorporated Areas of San Mateo County, Phase I, Project No RM102

Federal Aid Project No.: BPMP-5935 (062): Alpine Road Bridge over San Francisquito Creek and Stage Road Bridge over Pescadero Creek *Work has been completed and project has been closed out (August 2018)*

BPMP-5935 (069): Madera Lane Bridge over El Corte Madera Creek

Date: 10/11/2018

COST DATA IN PROGRESS

PM00041

Local Agency Bridge ID	Bridge Number (from Inspection Report)	Facility Carried	County Road No.	Feature Intersected	Location	Latitude Longitude	Year Built	Width Between Curb (ft)	Length (ft)	Bridge Type	Sufficiency Rating	SD/FO Status	Functional Classification	Caltrans Last Inspection Date	Deck Area (ft ²)	Total Participation Cost	Unit Cost (\$/ft ²)	Federal Share (88.53%)	Local Share (11.47%)	Project Work Description
1	4	35C0016	Alpine Rd.	S75C	San Francisquito Ck.	0.3 Miles North of State Highway 280, near Menlo Park, CA. 37-24-45 N -122-11-34.4	1950 Widened: 1995	40	117	Concrete Girder	89.4		Principal Arterial	4/26/2006	4680	\$296,358	\$63	\$262,366	\$33,992	The project is the rehabilitation of the existing bridge deck. The deck repair will be treated with a polyester concrete deck overlay and the failed joint seals will be replaced. *Work has been completed and project has been <u>closed out</u> (August 2018). Construction work exceeded maximum CON allowed, and was supplemented with Local Funds.*
2	33	35C0117	Stage Rd.	98	Pescadero Ck.	South of North Street near Pescadero, CA. 37-15-06 N -122-23.00	1961	34	128	Concrete Slab	96.6		Rural local	4/26/2006	4352	\$111,444	\$26	\$98,661	\$12,783	The proposed project consists of the rehabilitation of the existing bridge by treating the concrete bridge deck with methacrylate resin to seal the cracks and deck surface. *Work has been completed and project has been <u>closed out</u> (August 2018)* Construction work exceeded maximum CON allowed, and was supplemented with Local Funds.*
3	21	35C0116	Madera Lane	685	El Corte Madera	0.1 Mile North of State Highway 84, in the San Gregorio vicinity. 37-19-30 N -122-20-00	1920	21	64	Concrete Girder	41	SD	Rural local	4/26/2006	1344	\$856,638	\$637	\$758,382	\$98,256	The project consists of removal of the existing exterior girders and exterior deck bays and replacement with new concrete girders and treat the existing deck with a polyester concrete deck overlay. New exterior railings will be constructed and the roadway approaches will be repaved.
TOTAL PARTICIPATING COST (PE+CON+CE+CONT)																\$1,264,440		\$1,119,409	\$145,031	
COST BREAKDOWN:																				
PRELIMINARY ENGINEERING COST (PE)																\$ 161,020				
CONSTRUCTION COST (CON)																\$ 1,000,623				
CONSTRUCTION ENGINEERING COST (CE)																\$ 102,797				