

MASTER SPREADSHEET

1 metric ton = 2204 lbs (1.1 tons)

County of San Mateo Bridge Preventative Maintenance Program (BPMP)

Bridge Loading

Date: 1/24/2012

Engineer: CC

Total No. Bridges	County of San Mateo Bridge ID number	Bridge Number (from Inspection Report)	Facility Carried	Feature Intersected	Location	Operating Rating ¹ (lbs)	Design Live Load ²	Axles	Front Wheel (lbs)	2nd axle (lbs)	3rd Axle (lbs)	Weight Limit (lbs)	Board Report	Ordinance	comments
1	1	--	Alpine Rd.	Mindego Ck.	3.5 Mi E of Hwy 1		H20	2	8000	32000	0	40,000			
2	2	--	Alpine Rd.	Alpine Ck.			Unknown	0	0	0	0	0			
3	4	35C-16	Alpine Rd.	San Francisquito Ck.	0.3 Mi N of SH 280	143,480.40	MS-18 or HS20	3	8000	32000	32000	72,000			
4	5	35C-118	Butano-Cut off	Pescadero Ck.	1.5 Mi E of Pescadero Rd.	157,806.40	MS-18 or HS20	3	8000	32000	32000	72,000			
5	7	35C-41	Cloverdale Rd.	Butano Ck.	E of Hwy 1	139,954.00	MS-18 or HS20	2	8000	32000	32000	72,000			
6	8	35C-186	Entrada Way	La Honda Ck.	150' West of La Honda Rd	119,677.20	Unknown	0	0	0	0	0			
7	9	35C187	Gazos Creek Rd.	Gazos Ck.	3.3 Mi E of Cloverdale Rd.	Unknown	Unknown	0	0	0	0	0			
8	13	35C-51	Higgins Canyon Rd.	Mills Ck.	1.5 Mi E of Main St.	145,684.40	H15	2	6000	24000	0	30,000			
9	20	35C-64	Lobitos Creek Rd.	Lobitos Ck.	1.1 Mi N/W of Verde Rd	119,236.40	MS18+MOD or HS20+MOD or Load Posting of 3 TONS	2	6000	0	0	6,000		7.48.050	Board report states a maximum loading of 3 TONS
10	21	35C-116	Madera Lane	El Corte Madera	0.1 Mi N of SH 84	59,948.80	Unknown	0	0	0	0	0			
11	31	35C-10	Stage Rd.	San Gregorio Ck.	0.1 Mi S of SH 84	177,201.60	MS-18 or HS20	3	8000	32000	32000	72,000			
12	33	35C-117	Stage Rd.	Pescadero Ck.	South of North St	149,872.00	M18 or H20	2	8000	32000	0	40,000			
13	34	35C-5	Pescadero Rd.	Butano Ck.	2 Mi E of Hwy 1	135,766.40	MS-18 or HS20	3	8000	32000	32000	72,000			
14	36	35C-112	Mirada Rd.	Arroyo de en Medio	Collapsed Retaining Wall	n/a	Unknown	0	0	0	0	0			Replaced with pedestrian bridge
15	39	35C-121	Pescadero Rd.	Alpine Ck.	Pescadero Rd @ Alpine Rd	61,932.40	Unknown	0	0	0	0	0			
16	40	35C-53	Pescadero Rd. (Anderson Bridge)	Pescadero Ck.	3 Mi E of Butano Cut-off	219,959.20	M13.5 or H15	2	6000	24000	0	30,000			
17	41	35C-18	Pescadero Rd. (Hayward Bridge)	Pescadero Ck.	2 Mi E of Butano Cut-off	219,959.20	M13.5 or H15	2	6000	24000	0	30,000			
18	47	35C-119	Wurr Rd.	Pescadero Ck.	South of Pescadero Rd.	161,773.60	M18 or H20	3	8000	32000	0	40,000			
19	50	35C-63	Wurr Rd. (Loma Mar)	Pescadero Ck.	5 Mi S of Hwy 84	29,313.20	Load Posting of 15 TONS, 22 TONS, & 24 TONS	2	0	0	0	30,000		7.48.040	Per load posting: 15 TONS per vehicle, 22 TONS per semi-trailer combination, 24 TONS per truck and full trailer
20	53	--	Cloverdale Rd.	Little Butano Ck.	2 Mi E of Hwy 1	Unknown	Unknown	0	0	0	0	0			
21	54	35C-52	Pescadero Rd.	Pescadero Ck.	3 Mi E of Hwy 1	157,806.40	M18 or H20	3	8000	32000	0	40,000			
22	56	35C-111	Pilarcitos Creek Rd	Pilarcitos Ck.		57,744.80	Unknown	0	0	0	0	0			Need to verify load posting. SD since 1979. Suggest limiting the load on this bridge
23	60	35C-24	Verde Rd.	Purissima Ck.	0.1 Mi S Purisma Ck. Rd.	202,106.80	MS18+MOD or HS20+	3	8000	32000	32000	72,000			
24	66	35C-36	Crystal Springs (bike)	San Mateo Ck.	Bypassed by Bridge # 35C-61	n/a	n/a					0			Abandoned bridge
25	67	35C-43	Skyline Blvd. (Crystal Springs Dam)	San Mateo Ck.	0.2 Mi S Crystal Springs Rd.		HS20	3	8000	32000	32000	72,000		7.48.100	Sign and ord needs to be removed
26	68	35C-54	Pescadero Rd.	Alpine Ck.	Pescadero Rd @ Alpine Rd	117,914.00	M18 or H20	2	8000	32000	0	40,000			
27	101	35C-56	Sand Hill Rd.	Bear Gulch Ck.	S of Whiskey Hill Rd.	119,236.40	MS-18 or H20	2	8000	32000	0	40,000			
28	102	35C-61	Crystal Springs	San Mateo Ck.	Polhemus Rd.	119,236.40	Unknown	0	0	0	0	0			
29	103	35C-4	Bean Hollow Rd.	Arroyo de los Frijoles	0.2 Mi N of SH 1	61,932.40	M13.5 or H15	2	6000	24000	0	30,000			
30	104	35C-72	Industrial Way	Belmont Ck.	S of Harbor Blvd.	117,914.00	Unknown	0	0	0	0	0			
31	105	35C-188	Canyon Rd.	Butano Ck.	0.75 Mi E of Cloverdale Rd.	Unknown	HS20	2	8000	32000	0	40,000			Caltrans added to Inspection list 9/14/11
32	106	35C-193	Gazos Creek Rd.	Gazos Ck.	0.8 Mi E of Cloverdale Road	Unknown	Unknown	0							Caltrans added to Inspection list 9/14/11
33	--	--	Mirada Rd.	Mirada Pedestrian	0.25 Mi W of Hwy 1	Unknown	Unknown					0			Abandoned bridge. Replaced 35C-112
34	--	35C-125	Emergancy Exit Rd.	Alpine Ck.	S of SH 84	55,981.60	Unknown	0		0	0	0			
Other than Bridges															
			Tunitas Creek				5 TONS					10,000		7.48.030	
			Los Trancos Woods Rd				8 TONS					16,000		7.48.080	
			Fair Oaks	ninth ave	Marsh Road		2.5 TONS					5,000		7.48.090	

1. Operating rating is the absolute maximum permissible live load level to which the structure may be subjected for the vehicle type used in the rating.

2. Design Load indicates the live load for which the structure was designed

Load posting is required for structures that, due to their original design or condition, do not have the structural capacity to safely carry the State Legal Loads. All load postings of a given truck size actually mean that two trucks of the posted capacity to safely pass on the bridge. However, off system bridges, load postings assume only one rating truck even though the bridge may be wider than 18 feet.

http://onlinemanuals.txdot.gov/txdotmanuals/ins/legal_loads_and_load_posting.htm#1005939

Design Live Load	Live Load (lbs)
H5	18,000
H10	20,000
H15	30,000
H20	40,000
HS20	72,000