Potential Earthquake Hazards to Highways and Major Arterials
Northern San Mateo County, California

Scale 1 : 120,000

0 1 2 3 4 5 kilometers

0 1 2 3 4 5 miles

Pacific Ocean

Daly City

South San Francisco

Pacifica

San Bruno

San Francisco Airport

San Andreas Lake

Millbrae

Burlingame

Hillsborough

Pilarcitos Lake

Foster City

Crystal Springs Reservoir

San Mateo

Belmont

San Carlos

Moss Beach

San Francisco Bay

N

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Hazard from Liquefaction and Landsliding

Liquefaction Hazard

Code	Hazard	PerCentProb	Description	Area_sq_mi	Area_sq_km	Percent_Area
RES	None-RES	0	Reservoir.	2.08	5.38	1.42
BR	None-BR	0	Bedrock at surface. No liquefiable sediment present.	83.24	215.58	56.96
LVL	Low to V. Low	< 0.1	Low to very low probability (less than 0.1%) that liquefiable sediment is present.	21.96	56.89	15.03
ML	Mod to Low	0.1 to 1.0	Moderate to low probability that liquefiable sediment is present.	11.32	29.31	7.75
HL	High to Low	1.0 to 10	Bay mud containing buried stream channel deposits. 1-10% prob. that liquefiable sediment present.	27.53	71.29	18.84
				146.12	378.45	100.00

Landslide Hazard

USGS_Code	Hazard	Slope	Landslides	Area_sq_mi	Area_sq_km	Percent_area
I to II	Low	Generally < 30%, < 15% for unstable rock units.	Very few small and a few large landslides present.	133.50	345.78	91.37
III	Moderate	Generally > 30%, 10-15% for unstable rock units.	Many small and some large landslides present.	11.04	28.59	7.55
IV	Moderately High	All > 30%.	Several large landslides present.	0.14	0.37	0.10
L	Highest	All > 30%.	Large mappable landslides and landslide deposits.	1.44	3.72	0.98
				146.12	378.45	100.00

Key to Highway Symbols

- Urban Interstate
- Urban Freeway
- Urban Principal Arterial
- Rural Interstate
- Rural Principal Arterial
- Rural Minor Arterial

Average Daily Traffic Volume for Highway Segments
Route averages shown in rows with cyan color

Route	Segment	Volume	Length_mi	Length_km
1	South of Linda Mar Blvd	17000	8.90	14.32
1	Linda Mar Blvd to begin freeway	40000	2.31	3.71
1	begin freeway to JCT 35	37500	3.57	5.75
1	JCT 35 to JCT 280	63000	1.15	1.86
1		39375	3.98	6.41
35	JCT 280 to Manor Dr, Pacifica	18200	3.84	6.17
35	Manor Dr to JCT 1	29500	1.76	2.83
35	North of JCT 1	26500	2.25	3.62
35		24733	2.61	4.21
82	South of Ralston Ave (R), Belmont	36000	2.12	3.42
82	Ralston Ave (R) to JCT 92	46000	2.87	4.62
82	JCT 92 to Millbrae Ave (M)	33000	5.42	8.73
82	Millbrae Ave (M) to JCT 380	39500	2.96	4.77
82	JCT 380 to Guadalupe Canyon Pkwy	27000	4.87	7.84
82	Guadalupe Canyon Pkwy to John Daly Blvd	42000	1.08	1.74
82		35583	3.22	5.19
92	West of JCT 280	21400	2.15	3.46
92	JCT 280 to JCT 82	76000	3.93	6.32
92	JCT 82 to JCT 101	100000	0.93	1.50
92	East of JCT 101	117000	2.22	3.58
92		78600	2.31	3.72
101	South of Ralston Ave (R), Belmont	214000	2.61	4.20
101	Ralston Ave (R) to JCT 92	242500	2.34	3.76
101	JCT 92 to Millbrae Ave (M)	251000	6.07	9.77
101	Millbrae Ave (M) to San Francisco Airport	238000	1.13	1.82
101	San Francisco Airport to JCT 380	235000	1.35	2.18
101	JCT 380 to Airport Blvd / Bayshore Blvd	230000	1.01	1.62
101	North of Airport Blvd	215000	4.49	7.22
101		232214	2.71	4.37
280	South of JCT 92	96000	1.50	2.41
280	JCT 92 to JCT 35 North	106000	8.41	13.53
280	JCT 35 to JCT 380	105000	1.71	2.75
280	JCT 380 to JCT 1	185000	4.35	7.00
280	JCT 1 to John Daly Blvd	228000	1.81	2.91
280		144000	3.55	5.72
380	JCT 280 to JCT 82	123000	0.76	1.22
380	JCT 82 to JCT 101	142000	0.86	1.38
380		132500	0.81	1.30

Save CAD Snapshots of Database Tables for Use in Layouts

Incorporate formatted tabular data in map layouts by saving database tables as CAD Snapshots. As the tables in this sample plate show, CAD Snapshots of database tables can include any of the features you set up in tabular view: style samples, statistics and substatistic rows, and differing background colors. You can also control the color and width of the border line and the horizontal and vertical grid lines. This plate was printed on the economical Hewlett Packard 2500CM inkjet printer ($1499 list), which can accomodate sheet media up to 13 inches by 19 inches in size.

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