

EXHIBIT A

Damaged Locations from Storms beginning January 3, 2017 and Continuing (Not a comprehensive list)
 May 16, 2017 Board of Supervisors Meeting

Location	Incident Period	Damage Description
County Public Works:		
Mirada Road, Miramar	Jan 18-25	Road badly damaged by high surf. Asphalt peeled from exist road surface
Mirada Road, Miramar	Jan 18- 25	Bluff failure within road right of way on ocean side of the road and loss of road near ped bridge
Entrada Way, La Honda	Feb 3 - 7	Storm conditions rerouted Creek. Storm flows redirected directly towards road bank away from designed flow channel & culvert. Culvert estimated at 14 ft. in diameter. Road at immediate risk and Road Commissioner Authority to close the road would be possible without an immediate response.
Scenic Drive, La Honda	Jan 18 -25	Failed road as a result of winter storms cumulative rains causing significant land movement The road is currently closed at Scenic Drive. Alternate routes are narrow and steep and it has not yet been established whether any of those routes are at risk.
Upper Gazos Creek Road	Feb 3-7	Winter storms caused mud flows and tree falls across road
Lower Gazos Creek Road	Jan 18-25	3 sites – Winter storm flows caused erosion of creek banks causing road failures. Road narrowing to critically narrow widths. Temporary closures were required.
Alpine Road, Los Trancos	Feb 3-7	Winter storm rains caused mudslide across road causing road closure The road has been opened but is at risk for future closures caused by additional debris flows. The road is the sole access for several homes.
Alpine Trail, Ladera	Feb 3-7	Winter storms caused downed trees, failing trail, water lines, road and sewer line at risk. County infrastructure includes the road and the trail. Utilities are maintained by other entities. However utility failures present a significant risk

EXHIBIT A

Damaged Locations from Storms beginning January 3, 2017 and Continuing (Not a comprehensive list)
 May 16, 2017 Board of Supervisors Meeting

Location	Incident Period	Damage Description
		for additional and considerable trail and road damage.
Portola Road	Feb 16	Failed twin 60" corrugated metal culverts. Shoulder erosion has occurred and is advancing towards the road.
Cloverdale Road, Old La Honda Road, Kings Mountain Road, Edgewood Road debris flows	Feb 3-7	Winter storm record rain fall generated debris flows. Roads blocked. Emergency response required to reopen roads
County Service Area No. 7 (La Honda Water System)	Jan 18 – Feb 16 (and beyond)	Water in Alpine Creek too turbid to pump for treatment for domestic water use (69 residential connections, probation facility, and County Park)
Edgewood Rd, Pesc Ck Rd, Lobitos Ck Rd, Upper Bear Gulch Rd, Upper Gazos Ck Rd, Canyon Rd, Alpine Rd above Pesc Ck Rd, Tunitas Ck Rd, Crystal Springs Rd	Feb 20	After hours miscellaneous debris pick up and tree removals required to keep roads open
Lower Gazos Creek Road	Feb 20	3 locations – partial road failures
Lower Gazos Ck Road	Feb 20	Flooding east of highway 1
Mirada Road, Miramar	Feb 20	Bluff erosion and additional road failure approximately 120 ft in length. Bridge wingwall collapse approximately 50 ft in length by 30 ft in height
El Granada flooding	Feb 20	Neighborhood flooding
Pescadero Creek Road	Feb 7	Flooding along Stage Road and Pescadero Creek Road
Butano Creek	Jan 4-5; Jan 8-13; Jan 22-23; Feb 7-9; Feb 20-23	Flooding along Pescadero Creek Road
Old La Honda Road	Feb 24	Road failures at multiple locations involving failing embankments
Oak Knoll Dr. Sewer main fail- Emerald Lakes Heights Sewer Maint District	Feb 26	Failed sewer main resulting from ground movement within established sewer easement.
Alpine Road	Feb 20	Slipouts below road, apoprox 400 feet in length, extending to creek Barricade below.

EXHIBIT A

Damaged Locations from Storms beginning January 3, 2017 and Continuing (Not a comprehensive list)
 May 16, 2017 Board of Supervisors Meeting

Location	Incident Period	Damage Description
Capistrano Road	Feb 3-7	Water tunneling adjacent to box culvert and creating a void underneath the road
County Parks:		
Pillar Point Bluff	Jan 4-5; Jan 18-25; Feb 20-23	Substantial bluff erosion has taken out trails along the bluff edge, service road slump
Old Haul Road, Pescadero Creek Park	February 3-7	Road failure due to slide at Fall Creek, multiple sinkholes at crib log crossings; closed indefinitely
Alembique Trail, Wunderlich Park	February 3-7	Multiple slides have closed the trail
Crystal Springs Regional Trail	January 18-25	Two blocked culverts causing flooding of trail
Dean Trail, Huddart Park	February 3-7	Slide has closed trail
Guadalupe Road, San Bruno Mountain	February 3-7	Road has large sinkhole, culvert failure
Mirada Surf West	Jan 4-5; Jan 18-25	Bluff erosion is advancing toward the coastal trail, monitoring for possible shoring of trail
Various County Parks	Jan 4-5; Jan 18-25; Feb 3-7	Storms caused down trees, leaning trees, broken branches, and other hazards
ADDITIONAL/UPDATED DAMAGES		