

EXHIBIT B SAN MATEO COUNTY 2017 WINTER STORMS DAMAGES**County Operational Area – Cities, Towns, Special Districts and Private Nonprofit Associations**

Storms beginning January 3, 2017 and Continuing

April 25, 2017 Board of Supervisors Meeting (Not a comprehensive list)

| SAN MATEO COUNTY OPERATIONAL AREA DAMAGE LOCATIONS | | |
|---|--------------------------|---|
| Jurisdiction | Incident Period | Damage Description |
| Town of Portola Valley | Feb 2017 | Debris Removal from multiple mudslides, slipouts and downed trees into roadway on Alpine Road between Willowbrook Drive and Town limits towards Joaquin Road. Alpine Road had to be closed until trees, mud, until debris was removed. However, continuous rains caused further mud flows onto the roadway. Hypersaturation of the hillsides and creek banks caused slipouts which destabilized the roadway in 3 areas |
| City of Millbrae | Feb 2017 | (2) Mudslides 1) Located across from 516 Richmond Drive a large mudslide with a width of some 60 feet caused earthen wet mud and vegetation from a steep slope presumed unstable flow its debris onto Richmond Drive forcing a road closure in both directions; which is still in effect. 2) Located along Skyline Blvd near Larkspur, a small mudslide affects the Northbound lane and Bike Lane of Skyline Boulevard. City is still assessing engineering, geology and permanent work options. Initial Damage Estimate received 3/15/2017 |
| City of San Bruno | Jan 2017 Feb 2017 | Emergency Protective Measures on Jan 20 and Jan 22, Floodfighting at homes located at 1910 and 1920 Spyglass Street, caused by city storm drain failure. (2) Emergency Protective Measures (a) Sink hole response to 1104 Cypress Road on Feb 13, (b) Hole at same road on Feb 14. Temporary/plate/asphalt repairs. |
| El Granada Community Services District | Feb 2017 | PNP (1) Damage Site, sewer piping across creek, affixed to an abandoned pedestrian bridge. Mirada Bridge deteriorating. Initial Damage Estimates for repair are \$350,000 to secure and reroute pipe to maintain operating sewer. |
| Middleton Tract Road Association La Honda | Feb 2017 | PNP Road Association La Honda with major damages to their private road, serving emergency services and a population of 75 with 25 structures of 50 parcels. Initial Damage is estimated at \$1.5 million. |
| Butano Canyon Mutual Water Company, Pescadero | Feb 2017 | PNP Mutual Community Water System in Pescadero with Major road damages from storms at Redwood Avenue. Road serves water services, emergency services and about some 20 residents. Initial Damage Estimates are being estimated and details will be available soon. |

EXHIBIT C

SAN MATEO COUNTY 2017 WINTER STORMS DAMAGES

Roads/Fire Roads Damages to San Mateo County Forestlands

Storms beginning January 3, 2017 and Continuing

April 25, 2017 Board of Supervisors Meeting (Not a comprehensive list)

| Site ID | Owner | Road | Location | Problem | Road Type | Area Damaged | Volume of Material to Remove (yds) | Equipment needed | Equipment Time | Engine ring Needed | Description of fix | DFW | CEQA | THP Related | Assets or Resources Effected | Priority | Damage/Loss Estimate \$ | Initial Repair Estimate \$ |
|---------|------------------------|---------------------------|-------------------------------|---|-----------------|--------------|------------------------------------|------------------------------------|----------------|--------------------|--|-----|------------------|-------------|--|----------|-------------------------|----------------------------|
| AR01 | MROSD | Alpine Road | Coal Creek OSP | Fill/slope Failure | Seasonal | 100x20' | 300 | Dozer, Excavator | 3 Days | Y | Remove slide material and widen road into bank to regain running surface. | N | Y | N | Recreational, Fire/Rescue access to Skyline Blvd and Coal Mine Ridge | 6 | 40K | 100K |
| BK01 | Baranncha Knolls HOA | Baranncha Knolls Rd. | Bottom of Access Road | Cutbank failure with trees onto road | Perm gravel | 40x50' | 35 | D6 | 1 Day | N | Remove and stabilize slide material. | N | Road Maintenance | N | Failure blocks Fire/Rescue and Residence access into rural subdivision. | 7 | 10K | 15K |
| CC01 | SMBSA | Watson Road | Below Butano Ck crossing | Cutbank failure with Redwood stump onto road | Seasonal | 30x40' | 100 | D6 | 4 hours | N | Move stump to landing, Incorporate fill into road surface. | N | Road Maintenance | N | Failure blocks Fire/Rescue, Recreational access into Butano SP | 6 | 5K | 50K |
| CC02 | State Parks | Watson Road | West of Mundell Outpost | Cutbank failure onto road | Seasonal | 30x10x5 | 40 | D6 | 4 hours | N | Move stump to landing, Incorporate fill into road surface. | N | Road Maintenance | N | Failure blocks Fire/Rescue, Recreational access into Butano SP | 5 | 5K | 5K |
| CTT01 | State Parks | Chalks TT | Southwest of Sandy Pt. | Fill failure below culvert outlet. Small Cutbank failure onto road. | Seasonal | 30 x 20 x 12 | 25 | D6 | 4 hours | N | Push loose fill into void below pipe outlet. Place flexible plastic culvert as downspout. | N | Road Maintenance | N | Failure blocks Fire/Rescue response south from Sandy Point | 7 | 5K | 20K |
| GC01 | Redwood Empire | Gazos Creek | GC Road below gates | | Seasonal | 20x15 | 15 | D6, Loader | 2 hours | N | Remove and stabilize fill. | N | N | N | This failure blocks access to Sandy Point and Big Basin from coast. | 6 | 3K | 3K |
| GC02 | State Parks | Gazos Creek | GC Road east of Mountain Camp | Cutbank Failure | Seasonal | 40x50' | 400 | D6, Loader | 3 Days | N | Remove and stabilize fill. | N | N | N | This failure blocks access to Sandy Point and Big Basin from coast. | 7 | 10K | 5K |
| GC03 | State Parks | Gazos Creek | 1 mile west of Mountain Camp | Cutbank Failure upslope from road. | Perm Paved | 100x150' | 50 | Excavator, loader | 1 Day | Y | Remove and stabilize fill. | N | Y | N | This failure blocks fire, rescue and commercial access to Western Big Basin SP, Mountain Camp, Baranncha Knolls residents and Redwood Empire | 7 | 10K | 20K |
| GC04 | State Parks | Gazos Creek | .4 mile west of Mountain Camp | Fill Failure into creek. 1 land of asphalt gone. | Perm Paved | 15x30' | | Excavator Dozer, Excavator, Grader | 2 Days | Y | Either cut into bank and realign road or install boulders in creek and re-establish fill slope and pave. | Y | Road Maintenance | N | This failure blocks fire, rescue and commercial access to Western Big Basin SP, Mountain Camp, Baranncha Knolls residents and Redwood Empire | 7 | 25K | 50K |
| LH01 | MROSD | Harrington Ck Trail | LaHonda OSP | Cutslope Failure | Seasonal | 5 acres | | | 5 Days | Y | Reroute 1/2 mile of road in more appropriate location. | N | Y | N | Cattle, Recreational, Fire/Rescue access to LaHonda Community | 3 | 100K | 300K |
| LH02 | MROSD | Red Barn Spur | LaHonda OSP | Cutbank Failure | Seasonal | 3 acres | | Dozer, Excavator | 3 Days | Y | Reroute road in more appropriate location. | N | Y | N | Grazing access, Fire Escape for ranches north of LaHonda, Suppression access for Open Space above LaHonda | 3 | 250K | 500K |
| MH01 | MROSD | Mindego Hill Trail | Russian Ridge OSP | Fill/slope Failure | Seasonal | 200x20' | 200 | Dozer, Excavator | 3 days | Y | Excavate cut slope of road to regain full road width. | N | Road Maintenance | N | Access to Mindego Hill for cattle, recreation and | 6 | 50K | 100K |
| OCK01 | Redtree | Bicentennial Road | East of Gate 20 | Cutbank failure with trees onto road | Seasonal | 20x50' | 40 | Excavator, D6 | 2 Days | N | Clear trees, stabilize road and regrade. Incorporate fill into road surface. | N | Road Maintenance | N | Failure blocks Fire/Rescue access into Oil Creek drainage | 5 | 5K | 25K |
| OCK02 | Redtree | Oil Ridge Road | Gate 17 | Cut and Fill Failure | Seasonal | 30x10 | 15 | D6 | 1 Day | N | Remove and stabilize slide material. Realign road into bank. Drain away from fill failure. | N | Road Maintenance | N | Failure blocks Fire/Rescue response into main Timberland and access to LZ. | 6 | 10K | 5K |
| OCK03 | Redtree | Harwood Road | Harwood Road | Cutbank Failure into drainage across road | Seasonal | 40x80' | 60 | Excavator, loader | 2 Days | N | Remove and stabilize slide material. Clear bridge access and regrade road. | ? | Road Maintenance | N | Failure blocks Fire/Rescue response into main Timberland and access to LZ. | 5 | 10K | 35K |
| PCK01 | MROSD | Purisima Ck Road | Purisima OSP | Fill/slope Failure | Seasonal | 100 x 30' | | Dozer, Excavator | 3 Days | Y | Build Retaining Wall in Creek | Y | Road Maintenance | N | Recreational, Fire/Rescue access to Kings Mtn Community | 3 | 50K | 500K |
| PHR 1 | San Mateo County Parks | Pescadero Haul Road (PHR) | Harwood Ck | Fill Failure of old Humboldt Crossing | Seasonal gravel | 10 x 50' | 15 | Loader, excavator, grader | 3 Days | N | Replace crossing with 6' culvert. Replace fill, compact and gravel surface. | N | Road Maintenance | N | This failure blocks vehicle access, fire, admin, rescue to Pescadero Co. Park | 6 | 10K | 50K |
| PHR 2 | San Mateo County Parks | PHR | Dark Gulch | Fill Failure of old Humboldt Crossing | Seasonal gravel | 150'x75x50' | 75 | Loader, excavator, grader | 14 Days | Y | Pull failed fill and stabilize. Reroute of road upslope with new crossing in more appropriate location. | Y | Y | N | This failure blocks vehicle access, fire, admin, rescue to Pescadero Co. Park | 9 | 500K | 1.5M |
| PHR 3 | San Mateo County Parks | PHR | Keystone Ck. | Fill failure damaged 30" cmp below fill. | Seasonal gravel | 40x40' | 50 | Excavator | 3 Days | N | Pull failed fill/debris that destroyed cmp. Stabilize fillslope. Replace damaged section of CMP. | Y | Road Maintenance | N | If this isn't fixed, fill and road will fail. Will block fire/rescue and admin access to Pescadero Co. and Portola State Park | 8 | 10K | 20K |
| PHR 4 | San Mateo County Parks | PHR | Fall Ck. | Slope failure above and below road | Seasonal gravel | 2.25 ac | 0 | D6 | 14 Days | N | Reroute of road upslope with new crossing in more appropriate location. | N | Road Maintenance | N | This failure blocks vehicle access, fire, admin, rescue to Pescadero Co. and Portola State Park | 9 | 150K | 1.5M |
| PHR 5 | San Mateo County Parks | PHR | Trestle Ck. | Fill failure below bridge abutments | Seasonal gravel | 15x40' | 20 | D6, Excavator, loader | 14 Days | Y | Pull bridge, realign crossing to shorten length, install concrete abutment blocks, reset bridge. | Y | Y | N | This failure blocks vehicle access, fire, admin, rescue to Pescadero Co. and Portola State Park | 9 | 30K | 200K |
| WH01 | MROSD | Middle Road | Windy Hill OSP | Fill/slope Failure | Seasonal | 1/8 acre | 300 | Dozer, Excavator | 3 Days | Y | Remove slide material and widen road into bank to regain running surface. | N | Y | N | Fire Escape to Lauriston Estate, Suppression access for Open Space above Portola Valley | 6 | 50K | 100K |