



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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February 1, 2005

IN REPLY PLEASE
REFER TO FILE: PD-2

TO: Each Supervisor

FROM: Donald L. Wolfe
Acting Director of Public Works

**BOARD MEETING-JANUARY 18, 2005, SYNOPSIS NO. 55A
MOTION BY SUPERVISOR MICHAEL D. ANTONOVICH
RECOVERY REPORT FOR STORM EVENT OF JANUARY 7-11, 2005-UPDATE**

The following is an update to our report dated January 27, 2005 (copy attached), regarding Public Works recovery efforts due to the January 7-11, 2005, storms.

ITEM 1: Currently, 16 unincorporated County roads remain closed due to extensive damages. We are identifying the scope of the necessary repairs and will be developing project schedules to complete all repairs as quickly as possible. There are 23 other roads that have been partially opened to allow access to local residents, emergency vehicles, and school buses. Within the last two weeks, Public Works has reopened 145 roads and continues to work to reopen the remaining 39 roads.

ITEM 2: Caltrans has informed us of the following:

Interstate 5 - Three southbound lanes and three northbound lanes have been open since January 26, 2005. The northbound lane adjacent to the northbound shoulder was closed on January 29, 2005, and will remain closed until February 3, 2005, due to shoulder paving operations. Caltrans cautions that the number of traffic lanes may be reduced if the conditions worsen.

State Route 2 – No change.

State Route 27 (Topanga Canyon Boulevard) – Topanga Canyon Boulevard, between Pacific Coast Highway and Grandview Drive, will be open alternately to two-way traffic between the hours of 6 a.m. to 9 a.m. and 3:30 p.m. and 7 p.m. daily effective February 1, 2005.

State Route 39 – No change.

State Route 213 (Western Avenue) - Sinkholes developed at two locations (Westmont Drive and Summerland) due to underground drainage failure. At Westmont Drive the southbound lanes are open, but the northbound lanes remain closed. Caltrans has moved one lane of northbound traffic to the southbound lanes of Western at Summerland. As a result, the southbound lanes of Western Ave at Summerland have been converted to one lane of north and one lane of southbound traffic. The sinkhole within Summerland is expected to be completed by February 20, 2005.

ITEM 4: Public Works has reviewed the files involving previous studies to improve flood protection that were done in the 1970s for the Val Verde area. The studies do not meet today's design standards and criteria since the area was sparsely developed 30 years ago with many dirt streets. We recommend that a project concept report be prepared to address the current flooding issues. Project concepts of this magnitude require 8 to 12 months to complete.

ITEM 6: As previously reported, the bridge failures occurred on private property and Public Works has advised the owner on a bridge replacement. We recommended two Bailey-type bridges be installed to span the river crossing utilizing the remaining portion of the bridge. These bridges are prefabricated and can be installed in a matter of a week or two. We will continue to provide any assistance that we legally can. The two toll-free phone numbers are still available for the residents use for County human services as well as a 24-hour INFO LINE. The residents have used a backhoe to build a temporary ramp to one of the bridges to Camp Follows. This "fix" will last until the next large rainstorm.

ITEM 7: Public Works will be meeting with representatives from the Fifth District on February 1, 2005, to discuss the suggested limits for both a new Flood Control District and the expansion of the existing Flood Control District. We had discussions with Judy Whitehurst and Mark Yanai of County Counsel and Leida Erickson of the Fifth District concerning the advisory vote. Ms. Erickson suggested that we first meet with Mr. Novak and confirm the limits of both proposals and then meet with her to discuss the next steps.

Attached is a complete copy of the updated Public Works Recovery Report.

With regard to access to Chantry Flats, Santa Anita Canyon Road remains closed due to multiple landslides and road failures at various locations. The U.S. Forest Service reports that there are no residents stranded. The access road to Santa Anita Dam, which takes access off of Santa Anita Canyon Road, is not accessible by vehicle; however, the dam operator is able to hike in and out of the facility. In addition, Santa Anita Canyon Road is included on the list of roadway projects included in the Board letter dated January 20, 2005, and adopted January 25, 2005, by your Board authorizing emergency contract repair. Bids are to be solicited. The Cities of Arcadia, Monrovia, and Sierra Madre may wish to participate in this emergency contract work. Public Works has met on several occasions with the Cities of Arcadia and Sierra Madre to discuss the proposed cleanup. The City of Arcadia has scheduled a meeting for Tuesday, February 15, 2005, to discuss the road issues. The Cities of Monrovia and Sierra Madre, the County, and the U.S. Forest Service will be attending.

Public Works is continuing to assess the storm damage and develop schedules for the emergency repair contracts for all locations as soon as possible. Section 15269 (d) of the California Environmental Quality Act provides a statutory exemption for emergency repairs (no upgrades/improvements) of existing highways within existing rights of way that are started within one year of the emergency declaration.

As a follow-up to the January 2005 storms, a state-of-emergency was proclaimed for Los Angeles and surrounding counties as well as the State of California. Prior to any commitment for disaster assistance on behalf of the State, the Governor and the State Office of Emergency Services, on January 26, 2005, officially requested Federal disaster assistance from the Federal Emergency Management Agency. On January 24, 2005, the Federal Highway Administration authorized Emergency Relief funding for emergency openings of "on-system" roadways damaged by the storms. Currently, we estimate that \$10 million of the \$45 million in damages to our infrastructure may be eligible for reimbursement from the Federal Highway Administration.

We have no changes to the cost of storm-related damages to public infrastructure Countywide, which was estimated last week to be approximately \$120 million. Of this amount, \$45 million in damages is to County infrastructure.

Each Supervisor
February 1, 2005
Page 4

As of January 31, 2005, we have reports of approximately \$26 million in damages to homes, businesses, and personal property Countywide. Public Works has now inspected 45 private properties with reported structural damage within the unincorporated County areas and the Cities of Carson and La Canada Flintridge. The estimated damage to these private properties is approximately \$1 million. We also inspected 147 private properties with reported nonstructural damage within the unincorporated County areas and the Cities of Commerce, La Canada Flintridge, Lomita, and Rolling Hills Estates.

SDS:la

C050983/P:\PDPUB\Temp\PB&C NEW\Memos\Storm Report Memo 01_31_05.doc

Attach.

cc: Chief Administrative Office
Executive Office

**DEPARTMENT OF PUBLIC WORKS
RECOVERY REPORT FOR THE RAINSTORM EVENT FOR
January 7-11, 2005**

January 31, 2005
10:00 a.m.

FEMA PRELIMINARY DAMAGE ASSESSMENT

| | |
|---|---------------------|
| Total DPW Cost Estimates to date | \$44,969,300 |
| RMD | \$35,764,300 |
| FMD | \$ 4,500,000 |
| Waterworks | \$ 3,780,000 |
| Water Resources | \$ 925,000 |

These are estimates for FEMA purposes and they exclude regular labor costs for Category A and B.

On January 24, 2005, the Federal Highway Administration authorized Emergency Relief funding for emergency openings of "on-system" roadways damaged by the storms. Currently, we estimate that \$10 million of the \$45 million in damages to our infrastructures may be eligible for reimbursement from the Federal Highway Administration.

IMPACTS ON TRANSPORTATION

Refer to Attachment B for listing of road closures and estimated reopening dates for the unincorporated County area.

In summary, there are presently 16 roads closed and 23 partially closed due to extensive damages.

Within the last two weeks, a total of 145 roads have been reopened. Crews continue to work to reopen the remaining 39 roads.

Refer to Attachment C for lane restrictions and detours for the Unincorporated County roads

EMERGENCY CONTRACTS

Refer to Attachment D for listing of proposed emergency contract projects.

PRIVATE PROPERTY DAMAGE

Building and Safety inspected 45 private properties with reported structural damage within the unincorporated County areas and the Cities of Carson and La Canada Flintridge. The estimated damage to these private properties is approximately \$1 million. Eight of these structures were red tagged (restricting access) and ten were yellow tagged (limiting access).

structures were red tagged (restricting access) and ten were yellow tagged (limiting access).

Building and Safety also inspected 147 private properties with reported nonstructural damage within the unincorporated County areas and the Cities of Commerce, La Canada Flintridge, Lomita, and Rolling Hills Estates.

CITY OF LOS ANGELES

Refer to Attachment F for listing of City of Los Angeles closures and associated detours.

IMPACTS ON FLOOD CONTROL SYSTEM

Refer to Attachment G

IMPACTS ON WATERWORKS SYSTEMS

- The ground is moving at 20026 Pacific Coast Highway near the Big Rock Area. An unoccupied dwelling is being affected by this earth movement. County field crews are investigating the site to insure no damage will occur to County facilities. Water services will not be affected by this land movement.
- No customers are out of water due to damaged District-owned facilities.
- Approximately 36 customers in Malibu/Topanga still have broken house lines for which they are responsible to repair. Water service can be restored to these customers immediately upon completion of the repairs.
- Rockslide at Topanga Beach Pump Station - temporary repairs have been completed and the pump station is operational.
- Las Virgenes Emergency Interconnection at Saddle Peak - remains out of service.
- Landslide 20720 and 20726 Cheney Dr - Customers' water service has been restored with a temporary connection.
- A very large landslide (300 ft +) has broken the two house lines to 3936 Via Costera and 21651 Rambla Vista. Water service has not yet been restored.
- Landslide at Wight Road and PCH - the water main has been repaired and water service has been restored to the 3 customers that were previously out of water.

Prepared by: ODG

| FEDERAL EMERGENCY MANAGEMENT AGENCY PRELIMINARY DAMAGE ASSESSMENT SUMMARY | | | | DATE 20-Jan-05 | |
|---|--------------|---|---------------|---|-------------------|
| PART I - APPLICANT INFORMATION | | | | | |
| COUNTY Los Angeles | | NAME OF APPLICANT L.A. County Dept. of Public Works | | NAME OF LOCAL CONTACT Eric Batman | |
| POPULATION | | TOTAL BUDGET | | MAINTENANCE COST | |
| | | Approved \$ Balance \$ | | Approved \$ Balance \$ | |
| | | | | DATE FY BEGINS | |
| PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW) | | | | | |
| CATE-GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | |
| | | | | FUND/ACCOUNT | AVAILABLE BALANCE |
| A | 82 | Debris Removal | 6,902,600.00 | | |
| B | 89 | Protective Measures | 2,921,700.00 | | |
| C | 82 | Roads & Bridges | 26,565,000.00 | | |
| D | 36 | Water Control Facilities | 6,895,000.00 | | |
| E | 1 | Public Buildings | 50,000.00 | | |
| F | 12 | Public Utilities | 835,000.00 | | |
| G | 3 | Recreational or Other | 800,000.00 | | |
| | | | TOTAL | | TOTAL |
| | | | 44,969,300.00 | | |
| PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY) | | | | | |
| A. GENERAL IMPACT | | | | | |
| 1. Identify and describe damages which constitute a health and/or safety hazard to the general public. Please see attached individual summaries. | | | | | |
| 2. Population adversely affected directly or indirectly by the loss of public facilities or damages. Please see attached individual summaries. | | | | | |
| 3. What economic activities are adversely affected by the loss of public facilities or damages? Please see attached individual summaries. | | | | | |
| B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe. Please see attached individual summaries. | | | | | |
| C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, Impact on ongoing services and capital improvements, etc. Describe. Please see attached individual summaries. | | | | | |
| NAME OF INSPECTOR | | | AGENCY | | PHONE NO. |

| FEDERAL EMERGENCY MANAGEMENT AGENCY PRELIMINARY DAMAGE ASSESSMENT SUMMARY | | | | | | DATE |
|--|-----------------|---|---------------|---|-----------|-------------------|
| PART I - APPLICANT INFORMATION | | | | | | |
| COUNTY | | NAME OF APPLICANT | | NAME OF LOCAL CONTACT | | PHONE NO. |
| LOS ANGELES | | DPW, ROAD MAINTENANCE | | RAY SALEHPOUR | | 626-458-3985 |
| POPULATION | | TOTAL BUDGET | | MAINTENANCE COST | | DATE FY BEGINS |
| 1.1 M | | Approved \$ Balance \$ | | Approved \$ Balance \$ | | July 1st |
| PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW) | | | | | | |
| CATE- GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | | |
| | | | | FUND/ACCOUNT | | AVAILABLE BALANCE |
| A | 78 | Debris Removal | 6,687,800.00 | | | |
| B | 84 | Protective Measures | 2,881,700.00 | | | |
| C | 81 | Roads & Bldges | 26,415,000.00 | | | |
| D | | Water Control Facilities | | | | |
| E | | Public Buldings | | | | |
| F | | Public Utilties | | | | |
| G | | Recreational or Other | | | | |
| NOTE: REGULAR LABOR COSTS HAVE BEEN SUBTRACTED FROM THE COST ESTIMATES FOR ALL CATEGORY A & B PROJECTS | | | TOTAL | TOTAL | | |
| | | | 35,764,300.00 | 0.00 | | |
| PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY) | | | | | | |
| A. GENERAL IMPACT | | | | | | |
| <p>1. Identify and describe damages which constitute a health and/or safety hazard to the general public. Damage and obstructions to our roads have prevented access to and from residential areas limiting access to emergency assistance and, therefore, threatening the health and safety of affected communities. Some of our Damaged roads, bridges and slopes also provide structural support for utilities. Some roads have been damaged to the point where buried conduits are now exposed and are also damaged. Reduced access to water or other utilities also are hazardous to health and safety.</p> <p>2. Population adversely affected directly or indirectly by the loss of public facilities or damages. Many roads that were closed due to slides and damage were key routes in and out of communities. Areas such as North County's Lake Los Angeles and Green Valley experienced limited access or were cut off entirely. Some specific locations that were impacted affected thousands of citizens. Hundreds of call were received by citizens requesting detour information. Some had to travel miles out of their way just to get home. Significant populations experience several hours added comute time each day due to road closures</p> <p>3. What economic activities are adversely affected by the loss of public facilities or damages? Businesses small and large are greatly affected by the reduction of access to county roads for the transportation of goods and services. Residents cannot go to and from work.</p> | | | | | | |
| B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe. Critical roads are the highest priority for Public Works. Emergency service vehicles which must have access to communities are severly constrained. Those roads that had only debris are being cleaned and re-opened as soon as possible. Other roads that experienced greater damage have been closed entirely. Some roads have been partially opened for emergency access only. | | | | | | |
| C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, Impact on ongoing services and capital improvements, etc. Describe. Regular periodic maintenance has essentially been suspended. Resources have been shifted to areas with A and B category work. Projects have been postponed where possible. Critical services are still available but response time will be somewhat reduced due to strained resources and road closures. | | | | | | |
| NAME OF INSPECTOR | | | AGENCY | | PHONE NO. | |

| FEDERAL EMERGENCY MANAGEMENT AGENCY PRELIMINARY DAMAGE ASSESSMENT SUMMARY | | | | DATE 19-Jan-05 | |
|---|--------------|---|--|--|----------------------------------|
| PART I - APPLICANT INFORMATION | | | | | |
| COUNTY Los Angeles | | NAME OF APPLICANT Waterworks Division | | NAME OF LOCAL CONTACT Mark C. Carney | |
| POPULATION | | TOTAL BUDGET Approved \$ Balance \$ | | PHONE NO. 310-456-6770 | |
| | | MAINTENANCE COST Approved \$ Balance \$ | | DATE FY BEGINS | |
| PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW) | | | | | |
| CATE-GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | |
| | | | | FUND/ACCOUNT | AVAILABLE BALANCE |
| A | 2 | Debris Removal | 110,000.00 | | |
| B | 3 | Protective Measures | 85,000.00 | | |
| C | 1 | Roads & Bridges | 150,000.00 | | |
| D | 10 | Water Control Facilities | 2,300,000.00 | | |
| E | 1 | Public Buildings | 50,000.00 | | |
| F | 12 | Public Utilities | 835,000.00 | | |
| G | 1 | Recreational or Other | 250,000.00 | | |
| | | | TOTAL | | TOTAL |
| | | | 3,780,000.00 | | |
| PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY) | | | | | |
| A. GENERAL IMPACT | | | | | |
| 1. Identify and describe damages which constitute a health and/or safety hazard to the general public. The storm damage created water outages, damage to roadways, damage to storm drain systems, destroyed a structure, damaged water facilities (water mains, water services, fire hydrants, etc.) | | | | | |
| 2. Population adversely affected directly or indirectly by the loss of public facilities or damages. There were long term water outages that affected District customers, and blocked or damaged roadways and streets, which limited or stopped access to homes and some businesses. | | | | | |
| 3. What economic activities are adversely affected by the loss of public facilities or damages? The leaks on Topanga Canyon contributed to the closure of a State Highway, and other repairs required county roads to be closed. These closures caused commuters and District customers significant delays in getting to their places of employment and restricted the ability to access some businesses. | | | | | |
| B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe. Many of the water systems and roadway repairs have been delayed until major landslides and roadway damages can be repaired. At our Topanga Beach Pump station site, an electrical storage structure must be replaced and the the hillside above the facility is unstable. Permanent repairs cannot be made until the slope is stabilized. | | | | | |
| C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, impact on ongoing services and capital improvements, etc. Describe. Temporary repairs may not be replaced by permanent fixes, for long periods of time. The damaged facilities have caused changes in standard operational procedures due to safety concerns and temporary bypass systems. Capital improvements will be delayed or cancelled due to the financial impact of the emergency repairs on the District's funds. | | | | | |
| NAME OF INSPECTOR Mark C. Carney | | | AGENCY Los Angeles County Waterworks Districts | | PHONE NO. 310-456-6770 |

| | |
|---|--------------------------|
| FEDERAL EMERGENCY MANAGEMENT AGENCY PRELIMINARY DAMAGE ASSESSMENT SUMMARY | DATE 20-Jan-05 |
|---|--------------------------|

| PART I - APPLICANT INFORMATION | | | |
|---------------------------------|---|---|------------------------------------|
| COUNTY Los Angeles | NAME OF APPLICANT County Dept. Public Works | NAME OF LOCAL CONTACT Patricia Wood | PHONE NO. (626) 458-6131 |
| POPULATION 10 million | TOTAL BUDGET Approved \$ Balance \$ | MAINTENANCE COST Approved \$ Balance \$ | DATE FY BEGINS |

| PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW) | | | | | |
|---|--------------|--------------------------|-------------------|------------------------------------|-------------------|
| CATE-GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | |
| | | | | FUND/ACCOUNT | AVAILABLE BALANCE |
| A | | Debris Removal | | | |
| B | 40 | Protective Measures | 25,000.00 | | |
| C | | Roads & Bridges | | | |
| D | 2 | Water Control Facilities | 600,000.00 | | |
| E | | Public Buildings | | | |
| F | | Public Utilities | | | |
| G | 1 | Recreational or Other | 300,000.00 | | |
| TOTAL | | | 925,000.00 | TOTAL | |

PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY)

A. GENERAL IMPACT

1. Identify and describe damages which constitute a health and/or safety hazard to the general public.
Categ. B: Storm flows delivering water and sediment to residential structures.

2. Population adversely affected directly or indirectly by the loss of public facilities or damages.
Categ B: Residents in various areas throughout LA County (damage/potential damage to homes). Categ. D: Residents in San Gabriel Valley (loss to water supply in main San Gabriel Basin). Categ. G: Residents throughout LA County protected by flood control projects using Big Tujunga Mitigation Bank credits (reduction in mitigation value), and recreational users and supporting businesses in Tujunga, Sunland, Lakeview Terrace and Shadow Hills (loss of recreational opportunity).

3. What economic activities are adversely affected by the loss of public facilities or damages?
Categ B: Loss of shelter, time away from jobs to deal with damage. Categ. D: Increased pumping costs from lower groundwater levels in Main San Gabriel Basin, increased costs (triple) from importing water to offset loss of water. Categ. G: Increased mitigation costs resulting from degraded mitigation credits, loss of recreational use, loss to local businesses supporting that use.

B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe.
Categ. B: Provision of advice to residents occurs within 1-2 days of receiving request for assistance. Categ D: Repairs to Santa Anita Headworks underway. Due widespread storm damage in County, work at San Dimas Spreading Grounds could be 6-12 months away. Result is interim water conservation loss. Categ. G: Due widespread storm damage in County, work at Big Tujunga Mitigation bank could be 6-12 months away. Result is regulators requiring additional mitigation to offset loss of habitat value, and recreational users subject to restricted access until work on trails is done.

C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, impact on ongoing services and capital improvements, etc. Describe.
Funding for ongoing flood control and water conservation work (eg, maintenance, planned rehabilitation and upgrades) will have to be directed towards addressing Storm-related damage. This is especially critical, since the Storms likely deposited sediment in County reservoirs; removal of this sediment is extremely expensive and apparently considered by FEMA/OES as no longer eligible for reimbursement,

| | | |
|---|---|------------------------------------|
| NAME OF INSPECTOR Patricia Wood | AGENCY LA County Dept. Public Works | PHONE NO. (626) 458-6131 |
|---|---|------------------------------------|

| FEDERAL EMERGENCY MANAGEMENT AGENCY PRELIMINARY DAMAGE ASSESSMENT SUMMARY | | | | | | DATE |
|--|-----------------|---|---------------|---|-------------------|----------------|
| PART I - APPLICANT INFORMATION | | | | | | |
| COUNTY | | NAME OF APPLICANT | | NAME OF LOCAL CONTACT | | PHONE NO. |
| POPULATION | | TOTAL BUDGET Approved \$ Balance \$ | | MAINTENANCE COST Approved \$ Balance \$ | | DATE FY BEGINS |
| PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW) | | | | | | |
| CATE- GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | | |
| | | | | FUND/ACCOUNT | AVAILABLE BALANCE | |
| A | 2 | Debris Removal | 105,000.00 | | | |
| B | 1 | Protective Measures | 150,000.00 | | | |
| C | | Roads & Bridges | | | | |
| D | 24 | Water Control Facilities | 3,995,000.00 | | | |
| E | | Public Buildings | | | | |
| F | | Public Utilities | | | | |
| G | 1 | Recreational or Other | 250,000.00 | | | |
| | | | TOTAL | 4,500,000.00 | TOTAL | |
| PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY) | | | | | | |
| A. GENERAL IMPACT | | | | | | |
| 1. Identify and describe damages which constitute a health and/or safety hazard to the general public. Erosion damage and debris deposits in our channels and facilities have impacted our facilities, limiting access and our ability to perform routine maintenance; therefore, threatening the health and safety of adjacent communities. | | | | | | |
| 2. Population adversely affected directly or indirectly by the loss of public facilities or damages. Our flood control facilities provide protection to residents and businesses in those respective watersheds and all areas downstream. | | | | | | |
| 3. What economic activities are adversely affected by the loss of public facilities or damages? Several of the facilities run through commercial areas that could suffer flooding if debris is not removed. | | | | | | |
| B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe. Shoring of facilities is the highest priority due to the immediate threat to community and to prevent further damage. Channels are being cleaned as trucks become available to haul the debris away. At the present time, we preempted all of our routine ma | | | | | | |
| C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, impact on ongoing services and capital improvements, etc. Describe. Currently scheduled projects and services will be postponed as resources will be diverted to repair storm damage. This postponement may cause other facilities to fall below our current maintenance standards. | | | | | | |
| NAME OF INSPECTOR | | | AGENCY | | PHONE NO. | |


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www.ladpw.org

Note: Estimated road opening dates are subject to change without notice. Please check this site periodically before finalizing any travel plans.

Found 39 road closures:

| <u>Street - From / To</u> | <u>Status</u> | <u>Reason</u> | <u>Closed</u> | <u>Estimated Reopening</u> ▲ | <u>*SD</u> ▲ |
|--|--------------------------------|--|---------------|------------------------------|--------------|
| 110TH ST EAST from AVENUE K to AVENUE H | RESIDENTS & EMERGENCY VEHICLES | CLOSED DUE TO DEBRIS AND MUD | 01-08-2005 | 04-20-2005 | 5 |
| 110TH ST EAST from AVENUE L to AVENUE K | ROAD CLOSED | ROAD CLOSED DUE TO MUD FROM 100TH ST EAST - AVE K / AVE H | 01-09-2005 | 07-15-2005 | 5 |
| 120TH ST EAST from AVENUE I to AVENUE H | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO DEBRIS | 01-10-2005 | 02-09-2005 | 5 |
| 140TH STREET EAST from PALMDALE BLVD to AVENUE Q | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT DAMAGE. | 01-08-2005 | 02-16-2005 | 5 |
| 150TH STREET EAST from AVE R to PALMDALE BLVD | ROAD CLOSED | ROAD CLOSED DUE TO MUD | 01-14-2005 | 04-10-2005 | 5 |
| 150TH ST EAST from AVENUE M 08 to AVENUE M | ROAD CLOSED | ROAD CLOSED DUE TO FLOODING AND MUD REMOVAL. | 01-27-2005 | 02-04-2005 | 5 |
| 40TH STREET EAST from AVENUE P-12 to AVENUE P-8 | ACCESS LIMITED, EXPECT DELAYS | CLOSURE DUE TO DEBRIS REMOVAL AND SHOULDER REPAIR (N/BOUND ONLY) | 01-31-2005 | | 5 |
| ALLEY EAST OF 50TH STREET WEST from AVENUE M to AN/AVENUE M | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT FAILURE | 01-11-2005 | 04-01-2005 | 5 |
| ALLEY NORTH OF AVENUE M from 50TH ST WEST to AE/50TH ST WEST | RESIDENTS & EMERGENCY VEHICLES | CLOSED DUE TO PAVEMENT FAILURE | 01-11-2005 | 04-01-2005 | 5 |
| AVENUE I from 90TH STREET EAST to 110TH STREET EAST | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO MUD AND DEBRIS | 01-09-2005 | 02-09-2005 | 5 |
| AVENUE Q from 130TH STREET EAST to 145TH STREET EAST | ROAD CLOSED | ROAD CLOSED DUE TO EROSION. | 01-08-2005 | 02-20-2005 | 5 |
| AVENUE S from LONGVIEW RD to 165TH STREET EAST | RESIDENTS & EMERGENCY VEHICLES | CLOSED DUE TO MUD AND DEBRIS | 01-10-2005 | 03-01-2005 | 5 |
| BIG DALTON CANYON RD CLOSED TO SLIDE | ROAD CLOSED | ROAD CLOSED BY CITY OF GLENDORA DUE TO SLIDE | 01-09-2005 | 02-28-2005 | 5 |
| BIG ROCK CREEK RD from 3379 S MM 05.29 to VALYERMO RD | RESIDENTS & EMERGENCY VEHICLES | CLOSURE DUE TO PAVEMENT DAMAGE. | 01-10-2005 | 03-01-2005 | 5 |

| | | | | | |
|--|--------------------------------|--|------------|------------|---|
| BOUQUET CANYON RD from SPUNKY CYN RD to ELIZABETH LK RD | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT DAMAGE / DEBRIS | 01-09-2005 | 04-01-2005 | 5 |
| BOUQUET CANYON RD from VASQUEZ CANYON RD to SPUNKY CANYON RD | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT DAMAGE / DEBRIS | 01-08-2005 | 10-31-2005 | 5 |
| CHAIN CONTROLS 7000+ | ACCESS LIMITED, EXPECT DELAYS | CHAIN CONTROLS IS REQUIRED ABOVE 7000 FT ON TABLE MTN RD | 01-28-2005 | | 5 |
| CHANEY TR from 0450 N LOMA ALTA DR to 3200 N LOMA ALTA DR | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO SLIDES | 01-09-2005 | 06-30-2005 | 5 |
| COPCO AV from 3400 S BS to CAL AQDT/2363 / QUAIL LAKE RD | ROAD CLOSED | ROAD CLOSED DUE TO MUD AND DEBRIS | 01-07-2005 | 01-31-2005 | 5 |
| ENCINA from ENTRADA RD to MUERDAGO RD | ROAD CLOSED | RD WAY UNDERMINING - HOMES 200 FT BELOW | 01-01-2005 | 04-30-2005 | 3 |
| GLENDORA MOUNTAIN ROAD from FROM EAST FORK to GLENDORA CITY LIMIT | ROAD CLOSED | MAJOR SLIDE, WASHOUTS ON ROAD | 01-08-2005 | 06-30-2005 | 5 |
| GLENDORA RIDGE ROAD from FROM GLENDORA MTN RD TO MT BALDY RD | ROAD CLOSED | CLOSURE DUE TO WASHOUTS, SLIDES | 01-07-2005 | 06-30-2005 | 5 |
| GOLDCREEK RD from HATHAWAY FOUNDATION to LITTLE TUJUNGA CYN RD | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO SEVERAL MUDSLIDES | 01-10-2005 | 02-24-2005 | 5 |
| HILLSIDE DR AT HN 21327 | ACCESS LIMITED, EXPECT DELAYS | ROAD AND RETAINING WALL HAS FAILED | 01-10-2005 | | 3 |
| LAKE HUGHES ROAD from 4 MILES N OF RIDGE ROUTE RD to WARM SPRINGS CANYON | ROAD CLOSED | ROAD CLOSED DUE TO SLIDE, PAVEMENT DAMAGE | 01-20-2005 | 02-20-2005 | 5 |
| LAS FLORES CANYON RD 130' N to O MM 1.94 PARTIAL | ACCESS LIMITED, EXPECT DELAYS | REPAIR PIPE WALL. | 01-10-2005 | | 3 |
| LATIGO CANYON RD @ MM 2.08 | ACCESS LIMITED. EXPECT DELAYS | EMERGENCY TEMPORARY REPAIR, INCLUDING SIGNING/BARRICADING AND POTHOLING. | 01-09-2005 | | 3 |
| LITTLE TUJUNGA CYN RD from | RESIDENTS & EMERGENCY | ROAD CLOSED DUE TO | 01-14-2005 | 02-20-2005 | 5 |

| OSBORNE ST to BEAR DIVIDE RD | VEHICLES | MUDSLIDES | | | |
|---|--------------------------------|---|------------|------------|---|
| MALIBU DR @ CM 0.18 to SEE NOTES | ROAD CLOSED | ROAD CLOSED DUE TO PLUGGED DRAIN AND SLOPE FAILURE | 01-11-2005 | 02-04-2005 | 3 |
| PINE CANYON RD from RIDGE ROUTE RD to THREE POINTS RD | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT DAMAGE | 01-08-2005 | 02-14-2005 | 5 |
| RIDGE ROUTE RD from 4 MI N to O LAKE HUGHES RD / TEMPLIN HY | ROAD CLOSED | CLOSED DUE TO ROCK / MUDSLIDE / DEBRIS (SEE LONG DESCRIPTION) | 01-10-2005 | 03-01-2005 | 5 |
| SADDLE PEAK 300' W to O C.M. 0.18 "PARTIAL" | ACCESS LIMITED, EXPECT DELAYS | LARGE OUTBOARD FAILED 300' W/O C.M.0.18, 180' LONG BACKFILL & RECOMPACT SLOPE | 01-18-2005 | | 3 |
| SAN DIMAS CYN RD from 1640 N GOLDEN HILLS RD to 1478 N MM 00.28 | RESIDENTS & EMERGENCY VEHICLES | CLOSED DUE TO 2 LAND SLIDES COVERING THE ROAD | 01-09-2005 | 02-07-2005 | 5 |
| SAN FRANCISQUITO CYN RD from 3.3 MILES N to O COPPER HILL RD / SPUNKY CANYON RD | ROAD CLOSED | CLOSED DUE TO EXTENSIVE PAVEMENT DAMAGE. | 01-14-2005 | 10-31-2005 | 5 |
| SANTA ANITA CANYON RD from 7775 N ARNO DR to 14465 N ARNO DR | ROAD CLOSED | DUE TO SLIDE BLOCKING WHOLE ROAD ON CITY OF ARCADIA JURISDICTION | 01-09-2005 | 06-30-2005 | 5 |
| SCHUEREN RD 365 FT WEST OF STUNT RD | ACCESS LIMITED, EXPECT DELAYS | SLOPE FAILURE | 01-10-2005 | | 3 |
| TAPIA CN RD from CHARLEY CYN to CASTAIC ROAD | ROAD CLOSED | CLOSED DUE TO ROAD DAMAGE. | 01-09-2005 | 05-31-2005 | 5 |
| THE OLD RD from HILLCREST PARKWAY TO PARKER ROAD | RESIDENTS & EMERGENCY VEHICLES | CLOSURE DUE TO MUD AND DEBRIS | 01-09-2005 | 02-03-2005 | 5 |
| THREE POINTS RD from PINE CANYON RD to LANCASTER RD | ROAD CLOSED | ROAD CLOSED DUE TO PAVEMENT DAMAGE AND DEBRIS. | 01-09-2005 | 02-20-2005 | 5 |

* Supervisorial Districts (SD):

- [District 1 \(http://molina.co.la.ca.us/scripts/map.htm\)](http://molina.co.la.ca.us/scripts/map.htm)
- [District 2 \(http://burke.co.la.ca.us/Pages/map.htm\)](http://burke.co.la.ca.us/Pages/map.htm)
- [District 3 \(http://zev.co.la.ca.us/scripts/map.htm\)](http://zev.co.la.ca.us/scripts/map.htm)
- [District 4 \(http://www.knabe.com/dist_info/surf_district/index.html\)](http://www.knabe.com/dist_info/surf_district/index.html)
- [District 5 \(http://antonovich.co.la.ca.us/district/map.htm\)](http://antonovich.co.la.ca.us/district/map.htm)

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TRAFFIC AND LIGHTING DIVISION
Unincorporated County Road
Lane Restrictions and/or Detours
January 31, 2005

ENCINA ROAD:

- Single lane road operation at westerly I/S with Entrada Road(1/25/05)
- Pavement markings installed (1/25/05)

HILLSIDE DRIVE:

- Single lane road operation at MM 0.12, east of Summit Road (1/22/05)
- Pavement markings installed (1/22/05)

CHENEY DRIVE:

- Single lane road operation between MM 0.33 & .042 at address 20720(1/22/05)
- Pavement makings installed (1/22/05)

SADDLE PEAK ROAD:

- Single lane road operation 600 ft. east of Schueren Road (1/21/05)
- Pavement makings installed (1/22/05)

LATIGO CANYON ROAD:

- Single lane road operation at MM 2.08 (1/21/05)
- Pavement makings installed (1/22/05)

LAS FLORES CANYON :

- Single lane road operation at MM 1.94, south of Hume Road (1/21/05)
- Pavement markings installed (1/22/05)

SCHUEREN ROAD:

- Single lane road operation 700 ft. south of Saddle Peak Road (1/21/05)
- Pavement markings installed (1/22/05)

BOUQUET CANYON ROAD:

- Road closed(manned) to southbound traffic at Lake Elizabeth Road
- Road closed(manned) to southbound traffic at Spunky Canyon Road
- Road closed to northbound traffic 4 miles north of Vasquez Canyon Road
- Road closed to northbound thru traffic at Vasquez Canyon Road

- Road closed(manned) to southbound traffic at Vasquez Canyon Road
- Road closed(manned) to northbound traffic 1.4 miles north of David Way

SAN FRANCISQUITO CANYON ROAD:

- Road closed to southbound thru traffic at Elizabeth Lake Road
- One-lane road for both directions at 5 miles south of Spunky Canyon Road
- One-lane road for both directions at 6 miles south of Spunky Canyon Road
- Road closed to southbound traffic 10 miles south of Spunky Canyon Road

- Road closed to thru traffic for northbound traffic at Copperhill Drive
- One-lane road for both directions at 2 miles north of Copperhill Drive
- One-lane road for both directions at 2.3 miles north of Copperhill Drive
- Road closed(manned) to northbound traffic 3.3 miles north of Copperhill Drive

SPUNKY CANYON ROAD:

- Road closed to eastbound thru traffic at San Francisquito Canyon Road
- Road closed to eastbound traffic 1.6 miles east of San Francisquito Canyon Road
- Road closed(manned) to westbound traffic at Bouquet Canyon Road

LAKE HUGHES ROAD:

- Road closed to southbound thru traffic at Pine Canyon Road
- One-lane road 5.5 miles south of Pine Canyon Road
- Road closed to southbound traffic 11 miles south of Pine Canyon Road
- Road closed to northbound thru traffic at Castaic Road
- Road closed to northbound traffic 3 miles north of Castaic Road

VASQUEZ CANYON ROAD:

- Road closed to thru traffic for westbound direction at Sierra Highway
- One-lane road for both directions east of Bouquet Canyon Road

PINE CANYON ROAD:

- Road closed to eastbound thru traffic at Three Points Road
- Road closed to westbound thru traffic at Lake Hughes Road
- Road closed 12 miles west of Lake Hughes Road

THREE POINTS ROAD:

- Road closed to southbound thru traffic at Highway 138
- Road closed 3 miles south of Highway 138
- Road closed at Pine Canyon Road

The following motorist information sign was posted at the following locations on 1/26/05.

ROAD CLOSED TO THRU TRAFFIC
LAKE HUGHES RD.
SAN FRANCISQUITO CYN RD
BOUQUET CYN RD

Eastbound SR138 w/o Pine Canyon Road
Southbound Lake Hughes Road s/o Pine Canyon Road
Northbound Lake Hughes Road n/o Castaic Road
Southbound San Francisquito Canyon Road s/o Elizabeth Lake Road
Northbound San Francisquito Canyon Road n/o Copperhill Drive
Southbound Bouquet Canyon Road s/o Elizabeth Lake Road
Northbound Bouquet Canyon Road n/o Plum Canyon Road
Westbound Palmdale Boulevard w/o SR14

**LISTING OF EMERGENCY REPAIR TO COUNTY ROADS AND FLOOD CONTROL
FACILITIES CAUSED RECENT BY STORMS
PROJECT DESCRIPTIONS**

Roadway Projects

1. **Mt. Baldy Road**
Removal of slide material, mud, and debris from debris basins and culverts at various locations along Mt. Baldy Road. Cost estimate is \$500,000.
2. **Santa Anita Canyon Road**
Removal of slide material and road failure repairs at various locations along Santa Anita Canyon. The Cities of Sierra Madre, Arcadia, and Monrovia may wish to participate in this emergency contract work. Cost estimate is \$1,000,000.
3. **Las Flores Canyon Road**
Immediately south of Hume Road, outboard shoulder is failing. Cracks in pavement indicate that the pavement edge will have to be restored for a length of approximately 125 feet. There are overhead power lines that will need to be deenergized during installation of a soldier pile wall. Cost estimate is \$1,200,000.
4. **Maguire Drive at CM 0.21 and 4096 Maguire Drive**
Outboard slope is failing in several locations including below the culvert. Failure has expanded above the culvert, and the asphalt concrete inverted shoulder will require rebuilding. Cost estimate is \$500,000.
5. **Saddle Peak Road east of Schueren Road**
Removal of slide material at three locations. Cost estimate is \$1,700,000.
6. **Schueren Road south of Saddle Peak Road**
Removal of slide material at two locations and roadway restoration. Benching and earthen keys will be required. Cost estimate is \$2,600,000.
7. **Hillside Drive near Summit Road (west of Topanga Canyon Boulevard)**
Removal of slide material. Cost estimate is \$1,100,000.
8. **Latigo Canyon Road at MM 2.08**
Clear and repair plugged culvert. Severely eroded fill bank will also need repair. Cost estimate is \$500,000.

**LISTING OF EMERGENCY REPAIR TO COUNTY ROADS AND FLOOD CONTROL
FACILITIES CAUSED RECENT BY STORMS
PROJECT DESCRIPTIONS**

9. **Malibu Drive**
Removal of slide material. Cost estimate is \$250,000.
10. **Las Flores Heights**
Removal of slide material. Cost estimate is \$250,000.
11. **Lake Hughes Canyon Road - Camp Munz to Pine Canyon Road**
Replace damaged board walls with riprap, and restore edge of pavement and missing shoulders. Cost estimate is \$500,000.
12. **San Francisquito Canyon Road - Low Ridge to Dry Gulch**
Restore pavement and shoulders. Add shoulder protection (riprap) along sections subject to erosion. Open and pave the San Francisquito realignment section - possible solution includes constructing a bridge over the creek and abandon the section of road adjacent to the creek which is occupied by the red legged frog. Cost estimate is \$4,000,000.
13. **Tapia Canyon Road**
Restore entire road that was washed away. Cost Estimate is \$1,000,000.
14. **Templin Highway**
Clear and repair plugged culverts. Cost estimate is \$200,000.
15. **Bouquet Canyon Road**
Restore washed out roadway, reestablish creek away from the roadway, and repair damaged pavement locations. Cost estimate is \$3,000,000.
16. **Lake Hughes Canyon Road south of Warm Springs**
Removal of slide material. Approximately 40,000 cubic yards of material to clear. Cost estimate is \$500,000.
17. **Three Points Road - Pine Canyon Road to Highway 138**
Restore roadway and shoulders and add shoulder protection (riprap) along those sections subject to erosion. Cost estimate is \$600,000.
18. **Arrastre Canyon Road**
Restore roadway and repair culverts and shoulder protection. Cost estimate is \$100,000.

**LISTING OF EMERGENCY REPAIR TO COUNTY ROADS AND FLOOD CONTROL
FACILITIES CAUSED RECENT BY STORMS
PROJECT DESCRIPTIONS**

Flood Control Projects

19. Remove deposited sediment from critically full debris basins and inlets including Winery Debris Basin, Sunset Lower Debris Basin, PD 2049, PD 1920, PD 2275, PD 2387, and PD 1386. Cost estimate is \$2,000,000.

City of Los Angeles Road Closure/Detour Report
January 31, 2005 10:00 a. m.

Storm Date:
January 7, 2005 – January 11, 2005

Hollywood:

- Mullholland at Coldwater Canyon - Street closure, Eastbound closed due to road damage. Westbound access.
- Woodstock between Willowglen and Ada Street

**FLOOD MAINTENANCE DIVISION
Flood Control Facilities**

January 31, 2005 10:00 a.m.

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|---------------------------|----------------------------------|-----------------------------------|------------------------------|--------------------|---------------------------|
| PICKENS YARD | | | | | |
| 1 PD655 | Needs to Dewater | Dewatering, clearing | 50% complete | \$45,000 | force account |
| 2 Big Briar Debris Basin | 25% full, tree blocking tower | tree removal, clearing | tree removed, cleanup 2/3 | \$75,000 | force account |
| 3 Pickens Yard | Significant erosion/Wall failure | Slope needs to be protected | With AED | \$3,000 | force account |
| 4 Pickens Yard | Sheriff wall failure | Slope repair/wall reconstruction | Sheriff Dept. is handling | \$30,000 | force account |
| 5 Oak Canyon DB | erosion due to piping | subdrainage system/repairs | referred to GMED | \$50,000 | Force Account |
| | | | Total Pickens | \$203,000 | |
| HANSEN YARD | | | | | |
| 6 Lindero Channel | Channel wall collapse | Removal of obstructions 1/12/05 | tree removed 1/13 | \$5,000 | force account |
| 7 Lindero Channel | wall collapse | Wall reconstruction, slope repair | With DES/AED/CONST | \$1,200,000 | contract |
| 8 Lindero Channel | Leaning wall | shoring - start 1/25/05 | With DES/AED/CONST | \$80,000 | contract 50% complete |
| 9 Pacoima Dam | Significant debris in spillway | clearing | removed from spillway 1/16 | \$50,000 | force account |
| 10 La Tuna Debris Basin | <20% Full | Dewatering, clearing | still draining | \$5,000 | force account |
| 11 Stetson Debris-Basin | <20% full | Dewatering, clearing | draining, no additional work | \$5,000 | force account |
| 12 Sombrero Debris-Basin | <20% full | Dewatering, clearing | draining, no additional work | \$5,000 | force account |
| 13 May Debris-Basin | <20% full | Dewatering, clearing | draining, no additional work | \$5,000 | force account |
| 14 Linklin Debris-Basin | <20% full | Dewatering, clearing | draining, no additional work | \$5,000 | force account |
| 15 Wilson Debris-Basin | <20% full | Dewatering, clearing | draining, no additional work | \$5,000 | force account |
| 16 Aliso Debris-Basin | <20% full | Dewatering, clearing | draining, no additional work | \$5,000 | force account |
| 17 Schwartz Debris-Basin | <20% full | Dewatering, clearing | draining, no additional work | \$5,000 | force account |
| 18 Pacoima Dam | Significant rock falls | Being done 1/11/05 | rocks cleared 1/14/05 | \$3,000 | force account |
| 19 Pacoima Dam | Levy washout | Reconstruct levy | with WRD 1/19/05 | \$230,000 | contract |
| 20 L.A. River | Tree-Down | Remove tree | tree removed 1/4 | \$3,000 | force account |
| 21 Liberty Canyon Channel | Tree-Down | Remove tree (completed 1/13/05) | tree removed 1/12 | \$3,000 | force account |
| 22 Triunfo Creek | Several trees down | remove trees | scheduled for 1/25/05 | \$12,000 | force account |
| 23 Oliver Debris Basin | Mud and rocks on road | clear road | scheduled for 1/25/05 | \$25,000 | force account |
| 24 Aliso Creek | Tree-Down | Remove tree/in progress | tree removed 1/14/05 | \$3,000 | force account |
| 25 Dip crossing Big T Dam | significant erosion | Erosion repair | Low priority | \$100,000 | |
| | | | Total Hansen | \$1,754,000 | |

**FLOOD MAINTENANCE DIVISION
Flood Control Facilities**

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|----------------------------------|-----------------------------------|--------------------------------------|--------------------------------|-----------|----------------------------|
| SANTA CLARA YARD | | | | | |
| 26 PD 2048 Castaic | Several DRI's 100% full | Dewatering, clearing | in progress - 80% complete | \$150,000 | force account |
| 27 PD 2431 Castaic | Several DRI's 100% full | Dewatering, clearing | in progress - 80% complete | \$120,000 | force account |
| 28 PD2049 Castaic | Several DRI's 100% full | Dewatering, clearing | contract | \$250,000 | Contract/Cons. Div. |
| 29 PD1920 Castaic | Several DRI's 100% full | Dewatering, clearing | contract | \$250,000 | Contract/Cons. Div. |
| 30 PD2279 Castaic | Several DRI's 100% full | Dewatering, clearing | in progress - 70% complete | \$125,000 | Contract/Cons. Div. |
| 31 PD2275 Castaic | Several DRI's, DB full | Dewatering, clearing | contract | \$250,000 | contract |
| 32 Mint Channel | 75% debris deposit in ch | Sediment removal | started 1/15/05 90% complete | \$250,000 | force account |
| 33 Inlets in Sand Canyon | Inlets plugged | Clearing Inlets | Low priority | \$75,000 | force account |
| 34 Whites Canyon Inlets | Inlets plugged | Clearing Inlets | Low priority | \$75,000 | force account |
| 35 Newhall Creek | significant debris deposit | Sediment removal | pending notifications | \$130,000 | force account |
| 36 Violin Canyon Outlet | significant debris deposit | Clearing | pending notifications | \$250,000 | force account |
| 37 PD1993 | Inlets plugged | Sediment removal | in progress - 70% complete | \$75,000 | force account |
| 38 PD2421 Castaic/the old road | Pipe full of sediment | Clear pipe/outlet plugged (Caltrans) | pending work by caltrans | \$25,000 | force account |
| 39 Violin Canyon Outlet | Temp. material storage | remove material to SPS | in May | \$250,000 | force account |
| 40 PD2437 Castaic | DRI full | Clean out | in progress - 80% complete | \$150,000 | force account |
| 41 Hasley Canyon Channel | Tree down blocking channel | remove tree | Low priority | \$3,000 | force account |
| 42 Live Oak Springs | DRI's full | Clean out | Low priority | \$75,000 | force account |
| 43 PD1307 Sand Canyon | Sediment buildup | Clear | pending notifications | \$75,000 | |
| 44 PD2042 Castaic | DRI full | Clean DRI | in progress - 40% complete | \$150,000 | force account |
| 45 PD2012 - Line B Rye Cyn DRI | DRI full | Clean DRI | Low priority | \$150,000 | force account |
| 46 St. Martinez Chnl - Val Verde | Erosion to channel | Repair erosion | Low priority | \$50,000 | force account |
| 47 PD1589 | DRI full | Clean out | Low Priority | \$50,000 | force account |
| 48 Whites Canyon Channel | Sediment buildup | Clean sediment | pending notifications | \$35,000 | force account |
| 49 Haskel Canyon Channel | Sediment buildup | Clean sediment | pending notifications | \$100,000 | force account |
| 50 SCR South Fork | Sediment buildup | Clean sediment | pending notifications | \$135,000 | force account |
| 51 PD 2157 Castaic | several DRI's full | Dewatering, cleanout | started 1/15/05 - 25% complete | \$125,000 | force account |
| 52 PD 2444 | DRI's 100% full | Dewatering, cleanout | In February | \$75,000 | force account |
| 53 PD 2284 | DRI's 100% full | Dewatering, cleanout | 50% complete | \$75,000 | force account |
| 54 PD 2475 | DRI's 50% full | Dewatering, cleanout | In February | \$75,000 | Force Account |

FLOOD MAINTENANCE DIVISION
Flood Control Facilities

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|--|-------------------------------|-------------------------------|-----------------------------------|--------------------|---------------------------|
| Total Santa Clara \$3,598,000 | | | | | |
| DEBRIS BASINS | | | | | |
| Cleaning required - more 5% Full (Burned watershed) | | | | | |
| 55 | Brand Debris Basin | Dewatering, clearing | 5% complete | \$500,000 | force account |
| 56 | Childs Debris Basin | Dewatering, clearing | still draining | \$150,000 | force account |
| 57 | Sunset Lower Debris Basin | Dewatering, clearing | still draining | \$150,000 | Contract/Cons. Div. |
| 58 | PD2389, Fair Oaks D.B. | Dewatering, possible cleaning | still draining, contract | \$200,000 | Contract/Cons. Div. |
| 59 | PD 2099 Shadow Valley DB | Dewatering, cleanout | in February | \$50,000 | force account |
| Cleaning required - more than 25% Full | | | | | |
| 60 | PD1386 Line B Copper Hill DRI | Clean out | contract | \$250,000 | Contract/Cons. Div. |
| 61 | PD2467 Debris Basin(Castaic) | Dewatering, cleanout | in progress | \$75,000 | force account |
| 62 | Deer-Debris-Basin | Dewatering, clearing | no cleaning required | \$50,000 | force account |
| 63 | Linda Vista Debris Basin | Dewatering, clearing | strt 1/17/05 -stopped , no trucks | \$150,000 | force account |
| 64 | Pickens Debris Basin | Dewatering, clearing | started 1/20/05 to clear tower | \$100,000 | force account |
| 65 | Scholl Debris Basin | Dewatering, clearing | scheduled for 1/25/05 | \$70,000 | force account |
| 66 | Multially Debris Basin | Dewatering, clearing | 75% complete | \$150,000 | force account |
| 67 | Halls Debris Basin | Dewatering, clearing | still draining | \$150,000 | force account |
| 68 | Winery Debris Basin | Dewatering, clearing | contract | \$150,000 | force account |
| 69 | Verdugo Debris Basin | Dewatering, clearing | contract | \$250,000 | CONTRACT |
| TOTAL DB's | | | | \$2,445,000 | |

Grand Total West Area \$8,000,000

Note:
Locations with Condition column in red bold are submitted for OES reimbursement.

FLOOD MAINTENANCE DIVISION
Flood Control Facilities
January 31, 2005 10:00 a.m.

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|--|--|--|---|------------------|----------------------------------|
| EATON YARD | | | | | |
| 1 Assist RMD on culverts under Canyon Crest Road | large debris in culverts | cleanout | completed 1/17/05 | \$1,000 | Force Account |
| 2 BI 4223 | plugged line | cleanout | completed 1/15/05 | \$2,400 | Jet Vac contractor w/FA of labor |
| 3 Gooseberry inlet (crib structure) | inlet 80% full and erosion on access road | cleanout inlet - 1200 cy - and repair erosion | erosion repair only completed 1/15/05 | \$30,700 | Force Account |
| 4 Eaton Reservoir | separated CMP adjacent to New York Drive and logs and debris on spillway | Repair CMP, remove debris | debris removed from spillway 1/17/05 - no permit needed | \$5,000 | Force Account |
| 5 Eaton Reservoir | 4 rock levees washed out in in reservoir -- Cat D IDE | replace rock levee erosion protection for structures and New York Drive in reservoir - Cat D IDE | Existing permit ok, no additional permits needed | \$200,000 | Force Account |
| 6 Eaton Spreading Basin | large erosion along access road | repair erosion | started 1/19/05 | \$2,100 | Force Account |
| 7 New York Drive inlets A and B | inlets 80% full | cleanout 1000 cy | started 1/25/05 | \$24,379 | Force Account |
| 8 PD 54 | hill slide blocking flows, small amount of build up at trash rack | cleanout trash rack | | \$500 | Force Account |
| 9 PD 331-east | material behind trash barriers (3/4 full) | cleanout | debris removed 1/14/05 | \$18,183 | Force Account |
| 10 PD 494 | debris in inlet | pick-up spill from inlet cleaning | completed 1/19/05 | \$2,500 | Force Account |
| 11 Sierra Madre Dam | slide on haul road, erosion on slope below haul road | clear road, repair erosion | started 1/12/05, slide removed, repairing slope | \$7,953 | Force Account |
| 12 Afton DRI | slide covering access road above basin | clear slide | slide cleared on 1/17/05 | \$10,244 | Force Account |
| 13 Carter DB | small slide on access road | clear slide | | \$2,500 | Force Account |
| 14 Fern DB | erosion, damage to revetment | repair erosion and revetment | removed damage stabilizer 1/18/05, permits may be needed for final repairs | \$11,000 | Force Account |
| 15 Gooseberry DB | erosion on N/E hill side from adjacent homeowner, damaged fence and block material on slope | repair erosion and remove block and fence | Block and fence removed 1/15/05, waiting for property owner to do their repairs | \$30,703 | Force Account |
| 16 Kinnelea West DB | slide on access road, debris in bench drains | clear slide and remove debris | slides removed 1/14/05, bench drains cleared 1/15/05 | \$5,000 | Force Account |
| 17 Larnan DB | erosion on access road | repair erosion | completed 1/18/05 | \$500 | Force Account |
| 18 Laguna Regulating Basin | two trees fell by inlet and slide in access road, 40LF fence collapsed above outlet structure headwall | remove trees and clear slide, repair 40 LF fence | | \$5,000 | Force Account |
| TOTAL EATON YARD | | | | \$359,662 | |
| LONGDEN YARD | | | | | |
| 19 BI 5601 | debris in inlet | clear inlet | completed 1/18/05 | \$1,000 | Force Account |
| 20 Blue Sky Drain (PD 968) | debris in inlets | clear upper inlets | start 1/20/05, completed 1/24/05 | \$7,700 | Force Account |

FLOOD MAINTENANCE DIVISION

ATTACHMENT G

Page 5 of 8

Flood Control Facilities

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|--------------------------|--|--|--|-----------|---------------------------------|
| 21 Bradbury Channel | large erosions along rwy and channel wall, debris in channel | Regrade, fill with base; remove 200 cy of debris | | | Force Account |
| 22 Burro SPS | Inlet B is full and inlet C is 1/2 full | Cleanout 32,000 cy | | \$250,000 | Contract / WRD |
| 23 El Selinda DRI | debris in DRI | cleanout estimated 600 cy | | \$13,890 | Force Account |
| 24 Morris Dam | access road washed out - Cat D IDE | Repair/replace access roads - Cat D IDE | | \$100,000 | Contract / WRD |
| 24 A | | | | | |
| 24 B | slide on west abutment u/s side - Cat D IDE | Repair slide and handrail on west abutment u/s side - Cat D IDE | | \$50,000 | Contract / WRD |
| 24 C | gunite and handrail along east side of spillway and d/s face of dam damaged - Cat D IDE | Repair/replace gunite and handrail along east side of spillway and d/s face of dam - Cat D IDE | | \$50,000 | Force Account |
| 25 Morris Dam | spillway drum gates 2 and 3 failed on 1/15/05. Screens on intake to power gate operators apparently plugged with debris. | draw down reservoir to enter and investigate and then repair/order parts as necessary | worked on broken stem. Setting up meeting with DES and WRD | \$29,259 | Force Account |
| 26 Peck Pit | erosion of embankment adjacent to Santa Anita Wash and debris on spillway fence | repair erosion and remove debris | | \$45,488 | Force Account |
| 27 A | Bypass access road washed away - CAT D IDE | Repair/replace access road - CAT D IDE | | \$200,000 | Contract / WRD |
| 27 B | debris in roadways and inlets; large downed tree. | remove debris & regrade roadways, clean inlets; Remove large downed tree. | | \$60,000 | Force Account |
| 27 C | debris in structures | remove debris from structures | | \$48,000 | Force Account |
| 28 San Gabriel River | 14 invert access ramps washed away - CAT D IDE | replace invert access ramps - CAT D IDE | | \$350,000 | CONTRACT |
| 29 Santa Anita Dam | slide on access road and roadway damaged - Cat A and D IDE | clear slide (100K) - CAT A; and repair road - CAT D | | \$100,000 | To be included in RMD Contracts |
| 30 Santa Anita Headworks | damage to: levee; conduit on wall; access road to sluice tunnel; bridge handrails and erosion d/s of bridge; asphalt and fencing - CAT D IDE | repair levee to radial gate; repair damaged conduit on wall; replace access road to sluice tunnel; repair handrails on bridge; repair erosion d/s of bridge in park and repair damaged asphalt and CLF d/s of bridge - CAT D IDE | Request WRD to verify ownership of facilities and appurtenances. Start levee repairs 1/25/05 | \$99,704 | Force Account |
| 31 Santa Anita SG's | erosion on roads and levees | repair erosion on roads and levees | | \$5,000 | Force Account |
| 32 Santa Fe SG's | erosion and damage to levees and access roads - CAT D IDE | repair erosion and damage to levees and access roads - CAT D IDE (?) | Request WRD to investigate if permits needed | \$40,000 | Force Account |
| 33 Sawpit DB | mud and debris on spillway; road on left abutment into basin washed away | remove mud and debris on spillway; reestablish road on left abutment into basin | | \$3,000 | Force Account |
| 34 Sawpit Dam | access road to plunge pool and d/s face of dam washed away | replace roadway | WRD is investigating the possible need for permits | \$20,000 | Force Account |
| 35 Turnville Drain | debris in fire structures | clean fire structures | completed 1/11-1/14/05 | \$20,000 | Force Account |
| 36 Various locations | minor slides and debris | removed slides/debris at 7 DB's, 1 wash, 1 SPS | | \$9,000 | Force Account |

FLOOD MAINTENANCE DIVISION

Flood Control Facilities

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|--|--|--|--|-----------|---------------------------|
| 37 West Fork Road | slide on road - Cat A IDE. | Clear slide - Cat A IDE. | punched thru slide to open road on 1/11/05, continue clearing - approx 85% complete - 265 cy removed | \$30,000 | Force Account |
| TOTAL LONGDEN YARD | | | | | |
| San Dimas Yard | | | | | |
| 38 BL-8402 | Trash barrier is full | clear barrier | completed 1/15/05 | \$2,000 | Force Account |
| 39 Brea Canyon Channel (PD 395) | minor damage to 3 invert locations; various small slides on rwy | repair invert, clear slides | waiting for flows to decrease | \$5,500 | Force Account |
| 40 Dalton Dam | slides on access roads; debris in R&T structures and inlets | clear access roads; remove debris from R&T structures and inlets - est 5000 cy | primary access road cleared 1/13/05 | \$90,986 | Force Account |
| 41 Dalton Dam | Dip crossing and culvert on access road below gaging station washed away - no vehicular access to bottom of dam - CAT D IDE. Major slide blocking access 300 feet above control house (reservoir cleanout contractor may have problem) | repair/replace dip crossing and culvert; clear slide | WRD is investigating if permits needed | \$50,000 | Force Account |
| 42 Live Oak Dam | walk bridge below dam washed out; break away fence across spillway washed out | repair bridge and fence | start 1/21/05 | \$3,000 | Force Account |
| 43 Palmer Diversion | debris up to top of structure and damage to structure | cleanout debris and repair structure | | | Force Account |
| 44 San Dimas Canyon (below Pudd Div Dam and thru San Dimas SG's) | Levees washed out and breached, access roads and public roads damaged and threatened, properties threatened; culvert and wingwalls at d/s end eroded; several large trees uprooted - CAT B IDE. | Repair exterior levees and embankments along San Dimas Canyon Road and adjacent private properties below Puddingstone Diversion; repair culvert/wingall erosion - Cat B IDE; remove debris/trees | started 1/9/05 and continuing | \$150,000 | Force Account |
| San Dimas Spreading Grounds | internal levees and structures destroyed; approximately 1000 feet of perimeter fencing destroyed | WRD will submit repair of facility as CAT D IDE | | | Contract / WRD |
| 45 San Dimas Dam | debris below spillway area; slides along trails and bench drains blocked d/s right abutment; roadway and culvert washed out d/s of spillway | remove debris, clear slides and bench drains, repair roadway and replace culvert | | \$13,579 | Force Account |
| 46 San Dimas SPS | large tree down and 2 inlets plugged at southeast corner and material starting to move towards private property | remove tree and cleanout inlets | started 1/19/05, completed 1/21/05 | \$5,000 | Force Account |
| 47 Thompson Creek Dam | culvert and internal access road washed out; erosion to levees. | repair roads and erosion | | \$22,347 | Force Account |
| 48 Walnut Spreading Basin | 6 large trees down | remove trees | started 1/26/05 | \$22,000 | Force Account |
| 49 Walnut Creek: 300 feet east of Azusa | large tree down, damaged fence and rwy. | remove tree repair fence and rwy | started 1/17/05, completed 1/19/05 | \$3,000 | Force Account |
| 50 Beauty DB | minor slides blocking bench drains | clear bench drains | completed 1/21/05 | \$2,500 | Force Account |
| 51 Brea Canyon Det Basin | minor debris in basin | cleanout | completed 1/14/05 | \$1,500 | Force Account |

FLOOD MAINTENANCE DIVISION

ATTACHMENT G

Flood Control Facilities

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|---|---|-------------------------------------|--------------------------------------|--------------------|---------------------------|
| 52 Diamond-Crest DRI | minor debris in inlet | cleanout | completed 1/14/05 | \$2,900 | Force-Account |
| 53 Englewild DB | minor slides blocking bench drains | clear bench drains | start 1/27/05 | \$2,500 | Force Account |
| 54 Hook-DB-(E) | minor slides blocking bench drains; dewater and clear tower | clear bench drains and dewater | completed 1/19/05 | \$2,500 | Force-Account |
| 55 Kara-DRI | one board on R&T missing | replace missing board | completed 1/19/05 | \$500 | Force-Account |
| 56 Marshall East DRI | debris in inlet (a lot of water) | cleanout - approximately 1500 cy | start 1/24/05 | \$24,007 | Force Account |
| 57 Oak Park-DB | oak tree down blocking access road and some debris | remove tree, clear debris | started 1/19/05 completed 1/21/05 | \$3,000 | Force-Account |
| 58 Palermine West DRI | debris in inlet | cleanout | completed 1/19/05 | \$2,500 | Force-Account |
| 59 Pennsylvania DRI | remove minor debris from tower | cleanout | completed 1/19/05 | \$1,000 | Force Account |
| 60 Purnello Upper DRI | damaged and missing boards on R&T | replace boards | completed 1/19/05 | \$2,500 | Force-Account |
| 61 San Jose Creek South Fork | fallen trees u/s left bank of Letterman Rd | remove trees | completed 1/19/05 | \$7,345 | Force Account |
| 62 Windrose DRI | debris in inlet | cleanout | | | Force Account |
| DB's | | | | | |
| Possible need cleaning 5% burn: | | | | | |
| 63 Big Dalton DB | 10% full now (some water) | Cleanout approximately 50,000 cy | | \$500,000 | Force Account |
| 64 Englewild DB | 10% full now (very little water) | Cleanout approximately 4,000 cy | Start week of 1/31 | \$80,000 | Force Account |
| 65 Little Dalton DB | 15% full now (little water) | Cleanout approximately 75,000 cy | | \$750,000 | CONTRACT |
| Possible need cleaning normal 25%: | | | | | |
| 66 Inverness DB | 30% full (no visible water) | Cleanout approximately 1200 cy | dewatered tower 1/27 | \$25,000 | Force Account |
| 67 Rubio DB | 35% full (some water, some inflow) | Cleanout approximately 50,000 cy | 1/31 mtg w/ USFS | \$500,000 | Force Account |
| Santa Anita DB | 25% full - (mostly water) | Evaluated on 1/26, still dewatering | | | No cleanout likely |
| TOTAL DB's | | | | \$1,855,000 | |
| Grand Total East Area | | | | | \$4,165,966 |

Note:
Locations with Condition column in red bold are submitted for OES reimbursement.

FLOOD MAINTENANCE DIVISION
Flood Control Facilities

January 31, 2005 10:00 a.m.

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|---|---|--|--|------------------|---|
| IMPERIAL YARD | | | | | |
| 1 East Street at 25th Street in Long Beach buckled. | caused water to escape from the pressure manhole of Project 5109. | Manhole repair and street resurface | DIG ALERT has marked the street. Manhole shaft repair was started on 1/18. Will be handled by Con. Div. Change Order | \$40,000 | Interim - Force Account Permitting... CONTRACT (Con. Div.) Force Account |
| 2 Mobile Home park at the back-slope of Dominguez Gap Spreading Grounds. | mud washing through a Mobile Home park from the back-slope of Dominguez Gap Spreading Grounds. | We recently made a repair to this area that should reconcile the problem at least temporarily. Plans are being considered for a more permanent solution. | Repairs completed, will monitor during rains | \$20,000 | Force Account |
| 3 damaged 54" pipe that crosses Rio Hondo Spreading Grounds out of the channel and connects to Rio Hondo Channel. | Since the pipe was damaged water backed up the channel and through the leaking pipe joints and eroded the channel back-slope threatening the lining. | Re-construct pipeline | To prevent further damage the pipe was disconnected from the channel and the junction structure was filled with concrete. No immediate threat is present, but the condition needs to be monitored. | \$75,000 | Contract / WRD |
| 4 Rio Hondo Channel access road | A portion of the access road for Rio Hondo Channel was damaged during the storm. | Slope repair and Bicycle trail resurface | Pending repave by RMD | \$10,000 | Force Account |
| 5 Seaside Pump Station | At Seaside Pump Station, we are experiencing a problem with the gear drive. At this point it appears as if we will need to disassemble repair and reconstruct the drive shaft assembly. | FMD is working on a solution along with Design Division and the Pump Contractor. | Pending FMD & DES review | | Force Account |
| 6 broken CMP along Palos Verdes Drive East in Rolling Hills Estates. | FMD, RMD, DES, and City Services have been involved in the repair of a broken CMP along Palos Verdes Drive East in Rolling Hills Estates. | Pipe repair. | DES has completed repair plans. PDD & CON looking for Contractors. | | Contract |
| TOTAL IMPERIAL YARD | | | | \$145,000 | |
| 83rd STREET YARD | | | | | |
| 7 Trancas Canyon Debris Structure | Overflow Pipes damaged. | will reassess the extent of the damage as soon as possible. | Pending FMD review | \$300,000 | Contract |
| 8 Santa Monica Channel Outlet | West Channel Road at PCH needs further investigation of the erosion at abutment. | May need to backfill behind channel walls at outlet | Pending FMD review | \$7,500 | Force Account |
| 9 Rustic Canyon Channel bank. | Severe erosion and undermining was noticed along Rustic Canyon Channel bank. 83 rd responded and placed sand bags at 4 different locations. | Further evaluations are necessary. | Pending FMD review | \$60,000 | Force Account |
| 10 Potential settlement at Crenshaw and 235th Street over a drain in Torrance. | Location was investigated and determined not at risk. | Storm Drain was investigated and found to be intact. City has been informed. FMD agreed to conduct soil borings. Borings done by GMED on 1/18. Awaiting lab results. | Awaiting Lab Results | | |
| 11 Montana Avenue storm drain | crews worked on interim repair | Repairs are continuing this week. | Repairs continuing | \$20,000 | Force Account |
| TOTAL 83 RS ST. YARD | | | | \$387,500 | |

Note:
Locations with Condition column in red bold are submitted for OES reimbursement.

GRAND TOTAL SOUTH AREA

\$532,500



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

January 27, 2005

IN REPLY PLEASE
REFER TO FILE: PD-2

TO: Each Supervisor

FROM: Donald L. Wolfe
Acting Director of Public Works

**BOARD MEETING-JANUARY 18, 2005, SYNOPSIS NO. 55A
MOTION BY SUPERVISOR MICHAEL D. ANTONOVICH
RECOVERY REPORT FOR STORM EVENT OF JANUARY 7-11, 2005**

The following is our report as of January 26, 2005, on each of the items in the subject motion regarding Public Works recovery efforts due to the January 7-11, 2005, storms.

- Currently, 18 unincorporated County roads remain closed due to extensive damages. We are identifying the scope of the necessary repairs and will be developing project schedules to complete all repairs as quickly as possible. There are 26 other roads that have been partially opened to allow access to local residents, emergency vehicles, and school buses. Within the last two weeks, Public Works has reopened 139 roads and continues to work to reopen the remaining 44 roads.

In our efforts to disseminate this information, we created a link on the Public Works website (www.ladpw.org) that will allow the public and other agencies to monitor the status of our recovery efforts and obtain road closure and reopening date information. We are working to include pertinent detour information. In addition, we are continually enhancing the website to provide additional links to other agencies such as Caltrans and the City of Los Angeles. Also, we will be forwarding these weekly reports to the affected cities and town councils.

- Caltrans has informed us of the following:
 - Interstate 5 - Geologists and engineers are evaluating the area. On the west side of the southbound lanes, a large section of hillside is moving causing the pavement to heave. Caltrans has installed instant warning

systems on the slope, adjacent to the southbound lanes, in order to alert them of the necessity to close the freeway and divert traffic to State Route (SR) 138 and SR 14. As of 4 a.m. today, January 26, 2005, three southbound lanes and three northbound lanes are open.

- SR 2 – This route was reopened one mile east of Horse Flats Road, on January 18, 2005, to allow public access to the ski area. Some traffic flagging/control was in place for contractors continuing the cleanup operation at various locations. Caltrans reopened the road at the 6,000 foot elevation gate as of January 21, 2005. Small mud and rock slides are buried under 5-8 feet of snow past the 6,000 foot elevation gate. District 8 has closed their gate at PM 64.1 due to impassable road conditions. It is unknown, due to so much snow and ice, when the road will be cleared and reopened to through traffic.

- SR 27 (Topanga Canyon Boulevard) – Topanga Canyon Boulevard, between Pacific Coast Highway and Grandview Drive, has been opened intermittently for all traffic during the following hours:

Southbound traffic will be allowed access from 7 a.m. to 9 a.m.

Northbound traffic will be allowed access from 3:30 p.m. and 7 p.m.

No statement was provided as to when the roadway will be fully reopened.

- State Route 39 - Multiple sections have been washed out from the bottom to the top and access has not been gained for the last eight miles due to massive damage. Unknown duration and cost. The closure was moved up on January 14, 2005, from PM 16.7 to PM 17.7 for the convenience of residents. The roadway is closed to the general public (but open for residents) from 0600 hrs to 1800 hrs for construction operations. Planning to complete repair/cleanup of the southern section (from 2.7 miles north of Route 210 to 1.8 miles north of West Fork San Gabriel) is expected to be completed and fully reopened by January 28, 2005. Still no access has been gained for the northern section (PM 34.0 - 42.0).
- SR 138 at Big Rock Creek was reopened last week.
- SR 213 (Western Avenue) - Sinkholes developed at two locations (Westmont Drive and Summerland) due to underground drainage failure. At Westmont Drive, sinkholes are being repaired and the southbound lanes were reopened as of 5 p.m. yesterday (January 25, 2005). The

northbound lanes are still closed; however, Caltrans is working to reopen the northbound lanes by this Friday, January 28, 2005. The repair of the Summerland sinkhole is expected to be completed by February 20, 2005 (only the northbound lanes are closed).

- On January 20, 2005, our Building and Safety Division's field offices in Arcadia, Lancaster, and Santa Clarita were provided with a listing of lead contact information for inquiries and expedites regarding permitting and inspection of repair work associated with the recent rain storms. In addition, contact information regarding engineering advice for installation of protective devices to prevent future storm-related damages to private property was also provided. Copies of these handouts are attached for distribution to your constituents.
- Public Works will be developing recommendations on flood control measures in the Val Verde area that can be implemented to reduce future flooding. We are currently researching our files for past reports on flood issues in the area. We will utilize these reports in the development of flood control measures for the area.
- Within the unincorporated County area of Val Verde, Public Works inspectors inspected three properties, which suffered structural damage resulting in one "red tag" and one "yellow tag" being issued. Additionally, seven other properties were inspected that suffered nonstructural damages.

In addition, Public Works has started providing engineering advice to occupants of affected Val Verde properties on January 19, 2005. As of January 24, 2005, advice has been provided to nine property owners in the same neighborhood. Copies of the completed advice forms have been transmitted to the Fire Department and Building and Safety Division. On January 24, 2005, the Fire Department started assisting the residents of these properties with implementing the advice measures. Public Works staff is at the sites to assist the Fire Department in coordinating with the residents. On January 25, 2005, the Fire Department completed the installation of temporary mudflow protective measures (approximately 4,000 sandbags) as requested by Public Works for the Val Verde area.

Recognizing that some areas remain difficult to access at this time and that additional damage could still occur due to slope instability, we will continue to survey the unincorporated County areas and keep you apprised of any additional structural damages that are identified.

- On January 20, 2005, David Janssen provided your Board with a storm report which addressed Camp Follows. As stated in that report, the bridge failure occurred on private property, and Public Works has advised the owner on a bridge replacement. We will provide any assistance that we legally can. In addition, two toll-free phone numbers have been established for the residents use for County human services as well as a 24-hour INFO LINE. Also, the County Office of Emergency Management is working with the Tzu Chi Foundation, a non-profit organization, to provide a delivery of food to Camp Follows.
- We are working on our report back to your Board concerning the necessary steps and a schedule to place an advisory proposition on the November 2005 ballot in the Antelope Valley relative to the formation of a new flood control district or an annexation of the Antelope Valley into the existing County Flood Control District. This report will be available to your Board at next week's meeting.

Attached is a complete copy of the Public Works Recovery Report.

As a result of the emergency operations, costs of overtime, contracts, equipment, and materials, Public Works received approval of a budget appropriation to the Road Fund Services and Supplies Appropriation in the amount of \$10 million at the Board meeting on Tuesday, January 25, 2005. The remaining funding needed to effect the needed repairs will be reallocated from current budgeted revenue that was originally programmed for the Road Construction Program. State and/or Federal disaster assistance will be recognized when this funding is approved for reimbursement.

Public Works has been diligent in assessing the storm damages and working to reopen and repair storm damaged roads as soon as possible. Numerous staff have been working extended hours and/or extra days. In addition, additional equipment and trucks have been rented to assist with our efforts. In addition, we received at the Board meeting on Tuesday, January 25, 2005, authorization for the Acting Director of Public Works to negotiate and execute contracts on behalf of the County, in an amount not to exceed a total of \$20 million, to procure the necessary equipment, services, and supplies for the repairs necessary to roads and flood control facilities.

The cost of storm-related damages to public infrastructure Countywide is currently estimated to be approximately \$120 million. Of this amount, \$45 million in damages is to County infrastructures. Governor Swartzenegger has proclaimed a state of

Each Supervisor
January 27, 2005
Page 5

emergency for the County of Los Angeles as well as seven other counties in California. Public Works is continuing to work with the State Office of Emergency Services to complete the field damage assessments in order to qualify for State and possibly Federal disaster funding assistance.

Of the 44 road closures, the following 13 continue to be "urgent" priorities due to the significant commuter delays that the Antelope Valley and the Malibu/Topanga/Agoura areas will experience until the roads are repaired and reopened.

- San Francisquito Canyon Road-Copper Hill Drive/Spunky Canyon Road (Disaster Route)
- Bouquet Canyon Road-Vasquez Canyon Road/David Way (Disaster Route)
- Bouquet Canyon Road at United States Forestry Service Ranger Station
- Lake Hughes Road-Ridge Route Road/Elizabeth Lake Road
- Lake Hughes Road south of Warm Springs
- Angeles Forest Highway-Aliso Canyon Road/Angeles Crest Highway
- Latigo Canyon Road-Kanan Dume Road/Newton Canyon Road
- Cold Canyon Road-Woodbluff Road/Mulholland Highway
- Las Flores Canyon Road (immediately south of Hume Road)—partially open
- Schueren Road (south of Saddle Peak Road)—partially open
- Saddle Peak Road (east of Schueren Road)—partially open
- Three Points Road-Pine Canyon Road to Highway 138
- Tapia Canyon Road-Charlie Canyon Road to Castaic Road

In total, we have reports of \$26 million in damages to homes, businesses, and personal property Countywide. Public Works has inspected 36 private properties with reported structural damage within the unincorporated County areas and the Cities of Carson and La Canada Flintridge. The estimated damage to these private properties is approximately \$900,000. Six of these structures were red tagged (restricting access) and eight were yellow tagged (limiting access). We also inspected 128 private properties with reported nonstructural damage within the unincorporated County areas and the Cities of Commerce, La Canada Flintridge, Lomita, and Rolling Hills Estates.

SDS:la

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Attach.

cc: Chief Administrative Office
Executive Office



**MINUTES OF THE BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES, STATE OF CALIFORNIA**

Violet Varona-Lukens, Executive Officer
Clerk of the Board of Supervisors
383 Kenneth Hahn Hall of Administration
Los Angeles, California 90012

Acting Director of Public Works

At its meeting held January 18, 2005, the Board took the following action:

55-A

Bryce Yokomizo, Director of Public Social Services and Donald L. Wolfe, Acting Director of Public Works, addressed the Board regarding emergency situations resulting from the recent rain storms and responded to questions posed by Supervisor Antonovich. Recent storm related damages, they noted, included the loss of homes, catastrophic flooding, extensive mud slides, road closures and the need for the American Red Cross to issue vouchers for both food and lodging.

After discussion, Supervisor Antonovich made the following statement:

"The recent storms had devastating impacts on several communities in the County of Los Angeles. These impacts were particularly felt in Little Rock, San Dimas, Quartz Hill, and Val Verde, as well as other cities and unincorporated communities in the Fifth District. Three critical roads that serve alternatives to the Antelope Valley Freeway, Angeles Crest, Bouquet Canyon, and San Francisquito Canyon, are closed due to landslides caused by the rainstorms. At more remote locations in the Angeles National Forest, such as Camp Follows, there are still individuals stranded behind blocked roadways and damaged bridges.

"Residents in the Fifth District want to know that their homes are safe; what the County can do to prevent future damage from rainstorms; when public roads will be opened; how they can secure permits quickly so that repairs on private properties are not unnecessarily delayed; and what the County is doing to aid citizens who are stranded in remote locations."

(Continued on Page 2)

Therefore, on motion of Supervisor Antonovich, seconded by Supervisor Yaroslavsky, unanimously carried, the Acting Director of Public Works was instructed to:

1. Report back to the Board on a weekly basis concerning all repairs to County public roads, including a schedule for completion and the reopening of these roads, and that Public Works staff disseminate this information to the cities and town councils in the Fifth District;
2. Consult with representatives of the California Department of Transportation (CalTrans) concerning repairs to State highways located partially or wholly within the County, including a schedule for completion and the reopening of these State highways;
3. Designate a lead contact person in the Arcadia, Lancaster, and Santa Clarita field offices to expedite the processing of permits relative to both rebuilding of homes and the installation of protective devices to prevent future storm-related damages to private property;
4. Investigate what flood control measures can be implemented to prevent future erosion, slope failures, and damage to homes in Val Verde, and report back to the Board of Supervisors with recommendations concerning construction, scheduling, and financing;
5. Dispatch field inspectors to visit properties in Val Verde that may be threatened by erosion, slope failures, and landslides, and to work with the Fire Department to assess any safety issues relevant to allowing or prohibiting residents from occupying their homes;
6. Report back to the Board within one week concerning the status of bridge and roadway repairs at Camp Follows in the Angeles National Forest, as well as any other locations where individuals may be stranded behind blocked roads and damaged bridges; and
7. Report back to the Board within two weeks concerning the necessary steps and a schedule concerning placing an advisory proposition on the November 2005 ballot in the Antelope Valley relative to the formation of a new flood control district or an annexation of the Antelope Valley into the existing Los Angeles County Flood Control District.

09011805_55-A

Copies distributed:
Each Supervisor
Chief Administrative Officer
County Counsel
Fire Chief
Director of Public Social Services

**DEPARTMENT OF PUBLIC WORKS
RECOVERY REPORT FOR THE RAINSTORM EVENT FOR
January 7-11, 2005**

January 25, 2005
6:00 p.m.

FEMA PRELIMINARY DAMAGE ASSESSMENT

| | |
|---|---------------------|
| Total DPW Cost Estimates to date | \$44,969,300 |
| RMD | \$35,764,300 |
| FMD | \$ 4,500,000 |
| Waterworks | \$ 3,780,000 |
| Water Resources | \$ 925,000 |

These are estimates for FEMA purposes and they exclude regular labor costs for Category A and B. See Attachment A for a breakdown of these estimates.

IMPACTS ON TRANSPORTATION

Refer to Attachment B for listing of road closures and estimated re-opening dates for the unincorporated County area.

In summary, there are presently 18 roads closed and 26 partially closed due to:

Within the last two weeks, a total of 139 roads have been re-opened. Crews continue to work to re-open the remaining 44 roads.

Refer to Attachment C for lane restrictions and detours for the Unincorporated County roads

EMERGENCY CONTRACTS

Refer to Attachment D for listing of proposed emergency contract projects.

PRIVATE PROPERTY DAMAGE

Building and Safety inspected 36 private properties with reported structural damage within the unincorporated County areas and the Cities of Carson and La Canada Flintridge. The estimated damage to these private properties is approximately \$900,000. Six of these structures were red-tagged (restricting access) and eight were yellow tagged (limiting access).

Building and Safety also inspected 128 private properties with reported non-structural damage within the unincorporated County areas and the Cities of Commerce, La Canada Flintridge, Lomita, and Rolling Hills Estates.

CALTRANS AND CITY OF LOS ANGELES

Refer to Attachment E for listing of Caltrans closures, detours and lane restrictions detours.

Refer to Attachment F for listing of City of Los Angeles closures and associated detours.

IMPACTS ON FLOOD CONTROL SYSTEM

Refer to Attachment G

IMPACTS ON WATERWORKS SYSTEMS

- The ground is moving at 226 Pacific Coast Highway near the Big Rock Area. An unoccupied dwelling is being affected by this earth movement. County field crews are investigating the site to insure no damage will occur to County facilities. Water services will not be affected by this land movement.
- No customers are out of water due to damaged District-owned facilities.
- Approximately 36 customers in Malibu/Topanga still have broken house lines for which they are responsible to repair. Water service can be restored to these customers immediately upon completion of the repairs.
- Rockslide at Topanga Beach Pump Station - temporary repairs have been completed and the pump station is operational.
- Las Virgenes Emergency Interconnection at Saddle Peak - remains out of service.
- Landslide 20720 and 20726 Cheney Dr - Customers' water service has been restored with a temporary connection.
- A very large landslide (300 ft +) has broken the two house lines to 3936 Via Costera and 21651 Rambla Vista. Water service has not yet been restored.
- Landslide at Wight Road and PCH - the water main has been repaired and water service has been restored to the 3 customers that were previously out of water.

Prepared by: DO

FEDERAL EMERGENCY MANAGEMENT AGENCY
PRELIMINARY DAMAGE ASSESSMENT SUMMARY

DATE
 20-Jan-05

PART I - APPLICANT INFORMATION

| | | | |
|------------------------------|---|---|----------------------------------|
| COUNTY Los Angeles | NAME OF APPLICANT L.A. County Dept. of Public Works | NAME OF LOCAL CONTACT Eric Batman | PHONE NO. 626 458 3940 |
| POPULATION | TOTAL BUDGET Approved \$ Balance \$ | MAINTENANCE COST Approved \$ Balance \$ | DATE FY BEGINS |

PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW)

| CATE-GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | |
|--------------|--------------|--------------------------|----------------------|------------------------------------|-------------------|
| | | | | FUND/ACCOUNT | AVAILABLE BALANCE |
| A | 82 | Debris Removal | 6,902,600.00 | | |
| B | 89 | Protective Measures | 2,921,700.00 | | |
| C | 82 | Roads & Bridges | 26,565,000.00 | | |
| D | 36 | Water Control Facilities | 6,895,000.00 | | |
| E | 1 | Public Buildings | 50,000.00 | | |
| F | 12 | Public Utilities | 835,000.00 | | |
| G | 3 | Recreational or Other | 800,000.00 | | |
| TOTAL | | | 44,969,300.00 | TOTAL | |

PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY)

A. GENERAL IMPACT

1. Identify and describe damages which constitute a health and/or safety hazard to the general public.
Please see attached individual summaries.

2. Population adversely affected directly or indirectly by the loss of public facilities or damages.
Please see attached individual summaries.

3. What economic activities are adversely affected by the loss of public facilities or damages?
Please see attached individual summaries.

B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe.
Please see attached individual summaries.

C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, Impact on ongoing services and capital Improvements, etc. Describe.
Please see attached individual summaries.

| | | |
|-------------------|--------|-----------|
| NAME OF INSPECTOR | AGENCY | PHONE NO. |
|-------------------|--------|-----------|

FEDERAL EMERGENCY MANAGEMENT AGENCY
PRELIMINARY DAMAGE ASSESSMENT SUMMARY

DATE

PART I - APPLICANT INFORMATION

| | | | |
|------------------------------|---|---|-----------------------------------|
| COUNTY LOS ANGELES | NAME OF APPLICANT DPW, ROAD MAINTENANCE | NAME OF LOCAL CONTACT RAY SALEHPOUR | PHONE NO. 626-458-3985 |
| POPULATION 1.1 M | TOTAL BUDGET Approved \$ Balance \$ | MAINTENANCE COST Approved \$ Balance \$ | DATE FY BEGINS July 1st |

PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW)

| CATE-GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | |
|-----------|--------------|--------------------------|---------------|------------------------------------|-------------------|
| | | | | FUND/ACCOUNT | AVAILABLE BALANCE |
| A | 78 | Debris Removal | 6,687,600.00 | | |
| B | 84 | Protective Measures | 2,661,700.00 | | |
| C | 81 | Roads & Bridges | 26,415,000.00 | | |
| D | | Water Control Facilities | | | |
| E | | Public Buildings | | | |
| F | | Public Utilities | | | |
| G | | Recreational or Other | | | |

NOTE: REGULAR LABOR COSTS HAVE BEEN SUBTRACTED FROM THE COST ESTIMATES FOR ALL CATEGORY A & B PROJECTS

| | | | |
|--|----------------------|--|-------------|
| | TOTAL | | TOTAL |
| | 35,764,300.00 | | 0.00 |

PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY)

A. GENERAL IMPACT

1. Identify and describe damages which constitute a health and/or safety hazard to the general public.

Damage and obstructions to our roads have prevented access to and from residential areas limiting access to emergency assistance and, therefore, threatening the health and safety of affected communities. Some of our Damaged roads, bridges and slopes also provide structural support for utilities. Some roads have been damaged to the point where buried conduits are now exposed and are also damaged. Reduced access to water or other utilities also are hazardous to health and safety.

2. Population adversely affected directly or indirectly by the loss of public facilities or damages.

Many roads that were closed due to slides and damage were key routes in and out of communities. Areas such as North County's Lake Los Angeles and Green Valley experienced limited access or were cut off entirely. Some specific locations that were impacted affected thousands of citizens. Hundreds of call were received by citizens requesting detour information. Some had to travel miles out of their way just to get home. Significant populations experience several hours added comute time each day due to road closures

3. What economic activities are adversely affected by the loss of public facilities or damages?

Businesses small and large are greatly affected by the reduction of access to county roads for the transportation of goods and services. Residents cannot go to and from work.

B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe.

Critical roads are the highest priority for Public Works. Emergency service vehicles which must have access to communities are severely constrained. Those roads that had only debris are being cleaned and re-opened as soon as possible. Other roads that experienced greater damage have been closed entirely. Some roads have been partially opened for emergency access only.

C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, Impact on ongoing services and capital Improvements, etc. Describe.

Regular periodic maintenance has essentially been suspended. Resources have been shifted to areas with A and B category work. Projects have been postponed where possible. Critical services are still available but response time will be somewhat reduced due to strained resources and road closures.

| | | |
|-------------------|--------|-----------|
| NAME OF INSPECTOR | AGENCY | PHONE NO. |
|-------------------|--------|-----------|

FEDERAL EMERGENCY MANAGEMENT AGENCY
PRELIMINARY DAMAGE ASSESSMENT SUMMARY

DATE

PART I - APPLICANT INFORMATION

| | | | |
|------------|---|---|----------------|
| COUNTY | NAME OF APPLICANT | NAME OF LOCAL CONTACT | PHONE NO. |
| POPULATION | TOTAL BUDGET Approved \$ Balance \$ | MAINTENANCE COST Approved \$ Balance \$ | DATE FY BEGINS |

PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW)

| CATE-GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | |
|--------------|--------------|--------------------------|---------------------|------------------------------------|-------------------|
| | | | | FUND/ACCOUNT | AVAILABLE BALANCE |
| A | 2 | Debris Removal | 105,000.00 | | |
| B | 1 | Protective Measures | 150,000.00 | | |
| C | | Roads & Bridges | | | |
| D | 24 | Water Control Facilities | 3,995,000.00 | | |
| E | | Public Buildings | | | |
| F | | Public Utilities | | | |
| G | 1 | Recreational or Other | 250,000.00 | | |
| TOTAL | | | 4,500,000.00 | TOTAL | |

PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY)

A. GENERAL IMPACT

1. Identify and describe damages which constitute a health and/or safety hazard to the general public.

Erosion damage and debris deposits in our channels and facilities have impacted our facilities, limiting access and our ability to perform routine maintenance; therefore, threatening the health and safety of adjacent communities.

2. Population adversely affected directly or indirectly by the loss of public facilities or damages.

Our flood control facilities provide protection to residents and businesses in those respective watersheds and all areas downstream.

3. What economic activities are adversely affected by the loss of public facilities or damages?

Several of the facilities run through commercial areas that could suffer flooding if debris is not removed.

B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe.

Shoring of facilities is the highest priority due to the immediate threat to community and to prevent further damage. Channels are being cleaned as trucks become available to haul the debris away. At the present time, we preempted all of our routine ma

C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, impact on ongoing services and capital improvements, etc. Describe.

Currently scheduled projects and services will be postponed as resources will be diverted to repair storm damage. This postponement may cause other facilities to fall below our current maintenance standards.

| | | |
|-------------------|--------|-----------|
| NAME OF INSPECTOR | AGENCY | PHONE NO. |
|-------------------|--------|-----------|

FEDERAL EMERGENCY MANAGEMENT AGENCY
PRELIMINARY DAMAGE ASSESSMENT SUMMARY
 DATE **19-Jan-05**

PART I - APPLICANT INFORMATION

| | | | |
|------------------------------|---|---|----------------------------------|
| COUNTY Los Angeles | NAME OF APPLICANT Waterworks Division | NAME OF LOCAL CONTACT Mark C. Carney | PHONE NO. 310-456-6770 |
| POPULATION | TOTAL BUDGET Approved \$ Balance \$ | MAINTENANCE COST Approved \$ Balance \$ | DATE FY BEGINS |

PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW)

| CATE-GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | |
|--------------|--------------|--------------------------|---------------------|------------------------------------|-------------------|
| | | | | FUND/ACCOUNT | AVAILABLE BALANCE |
| A | 2 | Debris Removal | 110,000.00 | | |
| B | 3 | Protective Measures | 85,000.00 | | |
| C | 1 | Roads & Bridges | 150,000.00 | | |
| D | 10 | Water Control Facilities | 2,300,000.00 | | |
| E | 1 | Public Buildings | 50,000.00 | | |
| F | 12 | Public Utilities | 835,000.00 | | |
| G | 1 | Recreational or Other | 250,000.00 | | |
| TOTAL | | | 3,780,000.00 | TOTAL | |

PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY)

A. GENERAL IMPACT

1. Identify and describe damages which constitute a health and/or safety hazard to the general public.
The storm damage created water outages, damage to roadways, damage to storm drain systems, destroyed a structure, damaged water facilities (water mains, water services, fire hydrants, etc.)

2. Population adversely affected directly or indirectly by the loss of public facilities or damages.
There were long term water outages that affected District customers, and blocked or damaged roadways and streets, which limited or stopped access to homes and some businesses.

3. What economic activities are adversely affected by the loss of public facilities or damages?
The leaks on Topanga Canyon contributed to the closure of a State Highway, and other repairs required county roads to be closed. These closures caused commuters and District customers significant delays in getting to their places of employment and restricted the ability to access some businesses.

B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe.
Many of the water systems and roadway repairs have been delayed until major landslides and roadway damages can be repaired. At our Topanga Beach Pump station site, an electrical storage structure must be replaced and the the hillside above the facility is unstable. Permanent repairs cannot be made until the slope is stabilized.

C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, impact on ongoing services and capital improvements, etc. Describe.
Temporary repairs may not be replaced by permanent fixes, for long periods of time. The damaged facilities have caused changes in standard operational procedures due to safety concerns and temporary bypass systems. Capital improvements will be delayed or cancelled due to the financial impact of the emergency repairs on the District's funds.

| | | |
|--|--|----------------------------------|
| NAME OF INSPECTOR Mark C. Carney | AGENCY Los Angeles County Waterworks Districts | PHONE NO. 310-456-6770 |
|--|--|----------------------------------|

| FEDERAL EMERGENCY MANAGEMENT AGENCY PRELIMINARY DAMAGE ASSESSMENT SUMMARY | | | | | DATE 20-Jan-05 | |
|--|-----------------|---|--|---|-----------------------------|-----------------------------|
| PART I - APPLICANT INFORMATION | | | | | | |
| COUNTY Los Angeles | | NAME OF APPLICANT County Dept. Public Works | | NAME OF LOCAL CONTACT Patricia Wood | | PHONE NO. (626) 458-6131 |
| POPULATION 10 million | | TOTAL BUDGET Approved \$ Balance \$ | | MAINTENANCE COST Approved \$ Balance \$ | | DATE FY BEGINS |
| PART II - COST ESTIMATE-SUMMARY (COMPLETE SITE ESTIMATE BEFORE SUMMARIZING BELOW) | | | | | | |
| CATE- GORY | NO. OF SITES | TYPES OF DAMAGE | COST ESTIMATE | POTENTIAL LOCAL FUNDS FOR RECOVERY | | |
| | | | | FUND/ACCOUNT | AVAILABLE BALANCE | |
| A | | Debris Removal | | | | |
| B | 40 | Protective Measures | 25,000.00 | | | |
| C | | Roads & Bridges | | | | |
| D | 2 | Water Control Facilities | 600,000.00 | | | |
| E | | Public Buildings | | | | |
| F | | Public Utilities | | | | |
| G | 1 | Recreational or Other | 300,000.00 | | | |
| | | | TOTAL | | | TOTAL |
| | | | 925,000.00 | | | |
| PART III - DISASTER IMPACTS (USE SEPARATE SHEETS IF NECESSARY) | | | | | | |
| A. GENERAL IMPACT | | | | | | |
| 1. Identify and describe damages which constitute a health and/or safety hazard to the general public. Categ. B: Storm flows delivering water and sediment to residential structures. | | | | | | |
| 2. Population adversely affected directly or indirectly by the loss of public facilities or damages. Categ. B: Residents in various areas throughout LA County (damage/potential damage to homes). Categ. D: Residents in San Gabriel Valley (loss to water supply in main San Gabriel Basin). Categ. G: Residents throughout LA County protected by flood control projects using Big Tujunga Mitigation Bank credits (reduction in mitigation value), and recreational users and supporting businesses in Tujunga, Sunland, Lakeview Terrace and Shadow Hills (loss of recreational opportunity). | | | | | | |
| 3. What economic activities are adversely affected by the loss of public facilities or damages? Categ. B: Loss of shelter, time away from jobs to deal with damage. Categ. D: Increased pumping costs from lower gw levels in Main San Gabriel Basin, increased costs (triple) from importing water to offset loss of water. Categ. G: increased mitigation costs resulting from degraded mitigation credits, loss of recreational use, loss to local businesses supporting that use. | | | | | | |
| B. RESPONSE CAPABILITY: Can the applicant respond and recover from the damages quickly and without degradation of public services? Describe. Categ. B: Provision of advice to residents occurs within 1-2 days of receiving request for assistance. Categ. D: Repairs to Santa Anita Headworks underway. Due widespread storm damage in County, work at San Dimas Spreading Grounds could be 6-12 months away. Result is interim water conservation loss. Categ. G: Due widespread storm damage in County, work at Big Tujunga Mitigation bank could be 6-12 months away. Result is regulators requiring additional mitigation to offset loss of habitat value, and recreational users subject to restricted access until work on trails is done. | | | | | | |
| C. IMPACT ON PUBLIC SERVICES IF DECLARATION IS NOT MADE: e.g., Deferral of permanent repairs, impact on ongoing services and capital improvements, etc. Describe. Funding for ongoing flood control and water conservation work (eg, maintenance, planned rehabilitation and upgrades) will have to be directed towards addressing storm-related damage. This is especially critical, since the storms likely deposited sediment in County reservoirs; removal of this sediment is extremely expensive and apparently considered by FEMA/OES as no longer eligible for reimbursement, | | | | | | |
| NAME OF INSPECTOR Patricia Wood | | | AGENCY LA County Dept. Public Works | | PHONE NO. (626) 458-6131 | |


[Services](#) [About DPW](#)

 Search for
[ladpw.org Home](http://ladpw.org)
www.ladpw.org

Note: Estimated road opening dates are subject to change without notice. Please check this site periodically before finalizing any travel plans.

Found 44 road closures:

| <u>Street - From / To</u> | <u>Status</u> | <u>Reason</u> | <u>Closed</u> | <u>Estimated Reopening</u> ▲ | <u>*SD</u> ▲ |
|--|--------------------------------|---|---------------|------------------------------|--------------|
| 110TH ST EAST from AVENUE K to AVENUE H | RESIDENTS & EMERGENCY VEHICLES | CLOSED DUE TO DEBRIS AND MUD | 01-08-2005 | 04-20-2005 | 5 |
| 110TH ST EAST from AVENUE L to AVENUE K | ROAD CLOSED | ROAD CLOSED DUE TO MUD FROM 100TH ST EAST - AVE K / AVE H | 01-09-2005 | 07-15-2005 | 5 |
| 120TH ST EAST from AVENUE I to AVENUE H | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO DEBRIS | 01-10-2005 | 02-09-2005 | 5 |
| 140TH STREET EAST from PALMDALE BLVD to AVENUE Q | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT DAMAGE. | 01-08-2005 | 02-16-2005 | 5 |
| 150TH STREET EAST from AVE R to PALMDALE BLVD | ROAD CLOSED | ROAD CLOSED DUE TO MUD | 01-14-2005 | 04-10-2005 | 5 |
| 150TH ST EAST from AVENUE M 08 to AVENUE M | ROAD CLOSED | ROAD CLOSED DUE TO MUD AND DEBRIS | 01-19-2005 | 01-27-2005 | 5 |
| ALLEY EAST OF 50TH STREET WEST from AVENUE M to AN/AVENUE M | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT FAILURE | 01-11-2005 | 04-01-2005 | 5 |
| ALLEY NORTH OF AVENUE M from 50TH ST WEST to AE/50TH ST WEST | RESIDENTS & EMERGENCY VEHICLES | CLOSED DUE TO PAVEMENT FAILURE | 01-11-2005 | 04-01-2005 | 5 |
| AVENUE I from 90TH STREET EAST to 110TH STREET EAST | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO MUD AND DEBRIS | 01-09-2005 | 02-09-2005 | 5 |
| AVENUE Q from 130TH STREET EAST to 145TH STREET EAST | ROAD CLOSED | ROAD CLOSED DUE TO EROSION. | 01-08-2005 | 02-20-2005 | 5 |
| AVENUE S from LONGVIEW RD to 165TH STREET EAST | RESIDENTS & EMERGENCY VEHICLES | CLOSED DUE TO MUD AND DEBRIS | 01-10-2005 | 03-01-2005 | 5 |
| AVENUE T from 165TH ST EAST to LONGVIEW RD | ROAD CLOSED | BIG ROCK CREEK FLOWING OVER ROADWAY | 01-09-2005 | 03-01-2005 | 5 |
| BIG DALTON CANYON RD CLOSED TO SLIDE | ROAD CLOSED | ROAD CLOSED BY CITY OF GLENDORA DUE TO SLIDE | 01-09-2005 | 02-28-2005 | 5 |
| BIG ROCK CREEK RD from 3379 S MM 05.29 to VALYERMO RD | RESIDENTS & EMERGENCY VEHICLES | CLOSURE DUE TO PAVEMENT DAMAGE. | 01-10-2005 | 03-01-2005 | 5 |

| | | | | | |
|---|--------------------------------|--|------------|------------|---|
| BIG TUJUNGA CANYON RD from 5280 W MM 01.00 to DOSKE RD | RESIDENTS & EMERGENCY VEHICLES | CLOSURE DUE TO MUD SLIDE | 01-09-2005 | 02-07-2005 | 5 |
| BIG TUJUNGA CYN RD from DOSKE RD to ANGELES FOREST HY | RESIDENTS & EMERGENCY VEHICLES | CLOSURE DUE TO 1,000 CY SLIDE | 01-08-2005 | 02-07-2005 | 5 |
| BOUQUET CANYON RD from ESQUERRA RD to VASQUEZ CANYON RD | ROAD CLOSED | CLOSURE DUE TO PAVEMENT DAMAGE. | 01-10-2005 | 05-31-2005 | 5 |
| BOUQUET CANYON RD from SPUNKY CYN RD to ELIZABETH LK RD | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT DAMAGE / DEBRIS | 01-09-2005 | 04-01-2005 | 5 |
| BOUQUET CANYON RD from VASQUEZ CANYON RD to SPUNKY CANYON RD | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT DAMAGE / DEBRIS | 01-08-2005 | 10-31-2005 | 5 |
| CHANEY TR from 0450 N LOMA ALTA DR to 3200 N LOMA ALTA DR | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO SLIDES | 01-09-2005 | 06-30-2005 | 5 |
| COPCO AV from 3400 S BS to CAL AQDT/2363 / QUAIL LAKE RD | ROAD CLOSED | ROAD CLOSED DUE TO MUD AND DEBRIS | 01-07-2005 | 01-31-2005 | 5 |
| EAST FORK ROAD from GLENDORA MTN RD TO SAN GABRIEL CYN RD BY LACOFD | ACCESS LIMITED, EXPECT DELAYS | CLOSED DUE TO WASHOUT AT BRIDGE NEAR CAMP WILLIAMS: EMERGENCY ACCESS AVAILABLE | 01-10-2005 | 06-30-2005 | 5 |
| ENCINA from ENTRADA RD to MUERDAGO RD | ROAD CLOSED | RD WAY UNDERMINING - HOMES 200 FT BELOW | 01-01-2005 | 04-30-2005 | 3 |
| GLENDORA MOUNTAIN ROAD from FROM EAST FORK to GLENDORA CITY LIMIT | ROAD CLOSED | MAJOR SLIDE, WASHOUTS ON ROAD | 01-08-2005 | 06-30-2005 | 5 |
| GLENDORA RIDGE ROAD from FROM GLENDORA MTN RD TO MT BALDY RD | ROAD CLOSED | CLOSURE DUE TO WASHOUTS, SLIDES | 01-07-2005 | 06-30-2005 | 5 |
| GOLDCREEK RD from HATHAWAY FOUNDATION to LITTLE TUJUNGA CYN RD | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO SEVERAL MUDSLIDES | 01-10-2005 | 02-24-2005 | 5 |
| HILLSIDE DR AT HN 21327 | ACCESS LIMITED, EXPECT DELAYS | ROAD AND RETAINING WALL HAS FAILED | 01-10-2005 | 06-30-2005 | 3 |
| LAKE HUGHES ROAD from 4 MILES | | ROAD CLOSED DUE TO | | | |

| | | | | | |
|---|--------------------------------|---|------------|------------|---|
| N OF RIDGE ROUTE RD to WARM SPRINGS CANYON | ROAD CLOSED | SLIDE, PAVEMENT DAMAGE | 01-20-2005 | 02-20-2005 | 5 |
| LAS FLORES CANYON RD 130' N to O MM 1.94 PARTIAL | ACCESS LIMITED, EXPECT DELAYS | REPAIR PIPE WALL. | 01-10-2005 | 06-30-2005 | 3 |
| LATIGO CANYON RD @ MM 2.08 | ACCESS LIMITED, EXPECT DELAYS | EMERGENCY TEMPORARY REPAIR, INCLUDING SIGNING/BARRICADING AND POTHOLING. | 01-09-2005 | 06-30-2005 | 3 |
| LITTLE TUJUNGA CYN RD from OSBORNE ST to BEAR DIVIDE RD | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO MUDSLIDES | 01-14-2005 | 02-20-2005 | 5 |
| MALIBU DR @ CM 0.18 to SEE NOTES | ROAD CLOSED | ROAD CLOSED DUE TO PLUGGED DRAIN AND SLOPE FAILURE | 01-11-2005 | 02-04-2005 | 3 |
| PINE CANYON RD from RIDGE ROUTE RD to THREE POINTS RD | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSED DUE TO PAVEMENT DAMAGE | 01-08-2005 | 02-14-2005 | 5 |
| RIDGE ROUTE RD from 4 MI N to O LAKE HUGHES RD / TEMPLIN HY | ROAD CLOSED | CLOSED DUE TO ROCK / MUDSLIDE / DEBRIS (SEE LONG DESCRIPTION) | 01-10-2005 | 03-01-2005 | 5 |
| SADDLE PEAK 300' W to O C.M. 0.18 "PARTIAL" | ACCESS LIMITED, EXPECT DELAYS | LARGE OUTBOARD FAILED 300' W/O C.M.0.18, 180' LONG BACKFILL & RECOMPACT SLOPE | 01-18-2005 | 06-30-2005 | 3 |
| SAN DIMAS CYN RD from 1640 N GOLDEN HILLS RD to 1478 N MM 00.28 | RESIDENTS & EMERGENCY VEHICLES | CLOSED DUE TO 2 LAND SLIDES COVERING THE ROAD | 01-09-2005 | 02-07-2005 | 5 |
| SAN FRANCISQUITO CYN RD from ANGELES FOREST BDY to SPUNKY CANYON RD | ROAD CLOSED | CLOSED DUE TO EXTENSIVE PAVEMENT DAMAGE. | 01-14-2005 | 10-31-2005 | 5 |
| SANTA ANITA CANYON RD from 7775 N ARNO DR to 14465 N ARNO DR | ROAD CLOSED | DUE TO SLIDE BLOCKING WHOLE ROAD ON CITY OF ARCADIA JURISDICTION | 01-09-2005 | 06-30-2005 | 5 |
| SCHUEREN RD 365 FT WEST OF STUNT RD | ACCESS LIMITED, EXPECT DELAYS | SLOPE FAILURE | 01-10-2005 | 06-30-2005 | 3 |
| SPUNKY CYN RD from SN FRANSQT CN RD to BOUQUET CYN RD | RESIDENTS & EMERGENCY VEHICLES | CLOSURE DUE TO DEBRIS | 01-09-2005 | 04-01-2005 | 5 |
| TAPIA CN RD from CHARLEY CYN to CASTAIC ROAD | ROAD CLOSED | CLOSED DUE TO ROAD DAMAGE. | 01-09-2005 | 05-31-2005 | 5 |
| THE OLD RD from HILLCREST PARKWAY TO | RESIDENTS & EMERGENCY VEHICLES | CLOSURE DUE TO MUD AND DEBRIS | 01-09-2005 | 02-03-2005 | 5 |

| | | | | | |
|--|--------------------------------------|--|------------|------------|---|
| PARKER ROAD | | | | | |
| THREE POINTS RD from PINE CANYON RD to LANCASTER RD | ROAD CLOSED | ROAD CLOSED DUE TO PAVEMENT DAMAGE AND DEBRIS. | 01-09-2005 | 02-20-2005 | 5 |
| VASQUEZ CYN RD from BOUQUET CYN RD to SIERRA HWY | RESIDENTS & EMERGENCY VEHICLES | ROAD CLOSURE DUE TO DEBRIS | 01-09-2005 | 02-20-2005 | 5 |

* Supervisorial Districts (SD):

- [District 1 \(http://molina.co.la.ca.us/scripts/map.htm\)](http://molina.co.la.ca.us/scripts/map.htm)
- [District 2 \(http://burke.co.la.ca.us/Pages/map.htm\)](http://burke.co.la.ca.us/Pages/map.htm)
- [District 3 \(http://zev.co.la.ca.us/scripts/map.htm\)](http://zev.co.la.ca.us/scripts/map.htm)
- [District 4 \(http://www.knabe.com/dist_info/surf_district/index.html\)](http://www.knabe.com/dist_info/surf_district/index.html)
- [District 5 \(http://antonovich.co.la.ca.us/district/map.htm\)](http://antonovich.co.la.ca.us/district/map.htm)

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Feedback

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**TRAFFIC AND LIGHTING DIVISION
Unincorporated County Road
Lane Restrictions and/or Detours**

HILLSIDE DRIVE:

- Single lane road operation at MM 0.12, east of Summit Road (1/22/05)
- Pavement marking installed (1/22/05)

CHENEY DRIVE:

- Single lane road operation between MM 0.33 & .042 at address 20720(1/22/05)
- Pavement makings installed (1/22/05)

SADDLE PEAK ROAD:

- Single lane road operation 600 ft. east of Schueren Road (1/21/05)
- Pavement makings installed (1/22/05)

LATIGO CANYON ROAD:

- Single lane road operation at MM 2.08 (1/21/05)
- Pavement makings installed (1/22/05)

LAS FLORES CANYON :

- Single lane road operation at MM 1.94, south of Hume Road (1/21/05)
- Pavement markings installed (1/22/05)

SCHUEREN ROAD:

- Single lane road operation 700 ft. south of Saddle Peak Road (1/21/05)
- Pavement markings installed (1/22/05)

BOUQUET CANYON ROAD:

- Road closed south of Lombardi Ranch.
- Road closed at Vasquez Canyon Road.
- Road closed for thru traffic at Vasquez Canyon Road.
- Road closed north of ranger station.
- Road closed at Lake Elizabeth Road (manned).
- Road closed at Spunky Canyon Road (manned).

**TRAFFIC AND LIGHTING DIVISION
Unincorporated County Road
Lane Restrictions and/or Detours**

VASQUEZ CANYON ROAD:

- Road closed to thru traffic at Sierra Hwy.
- One lane road 100 ft. east of Bouquet Canyon Road.

January 24, 2005

SPUNKY CANYON ROAD:

- Road closed at Bouquet Canyon Road.
- Road closed to thru traffic at San Francisquito Canyon Road.
- Road closed south of Spunky Campground.
- One lane road at one location.

SAN FRANCISQUITO CANYON ROAD:

- Road closed to northbound thru traffic at Copperhill Drive.
- Road closed to southbound thru traffic at Elizabeth Lake Road.
- Road closed to all traffic between Spunky Canyon Road and southern boundary of the Angeles National Forest.

LAKE HUGHES ROAD:

- Road closed to southbound thru traffic at Pine Canyon.
- Road closed to all traffic 5.4 miles s/o Elizabeth Lake Road.
- Road closed to thru traffic at Castaic Road .
- Road closed to all traffic at 2.9 miles n/o Castaic Road.

PINE CANYON ROAD:

- Road closed to thru traffic between Lake Hughes Road and Three Points Road

THREE POINTS ROAD:

- Road closed to thru traffic at Highway 138.
- Road closed to thru traffic at Pine Canyon Road.

**LISTING OF EMERGENCY REPAIR TO COUNTY ROADS AND FLOOD CONTROL
FACILITIES CAUSED RECENT BY STORMS
PROJECT DESCRIPTIONS**

Roadway Projects

1. **Mt. Baldy Road**
Removal of slide material, mud, and debris from debris basins and culverts at various locations along Mt. Baldy Road. Cost estimate is \$500,000.
2. **Santa Anita Canyon Road**
Removal of slide material and road failure repairs at various locations along Santa Anita Canyon. The Cities of Sierra Madre, Arcadia, and Monrovia may wish to participate in this emergency contract work. Cost estimate is \$1,000,000.
3. **Las Flores Canyon Road**
Immediately south of Hume Road, outboard shoulder is failing. Cracks in pavement indicate that the pavement edge will have to be restored for a length of approximately 125 feet. There are overhead power lines that will need to be deenergized during installation of a soldier pile wall. Cost estimate is \$1,200,000.
4. **Maguire Drive at CM 0.21 and 4096 Maguire Drive.**
Outboard slope is failing in several locations including below the culvert. Failure has expanded above the culvert, and the asphalt concrete inverted shoulder will require rebuilding. Cost estimate is \$500,000.
5. **Saddle Peak Road east of Schueren Road**
Removal of slide material at three locations. Cost estimate is \$1,700,000.
6. **Schueren Road south of Saddle Peak Road**
Removal of slide material at two locations and roadway restoration. . Benching and earthen keys will be required. Cost estimate is \$2,600,000.
7. **Hillside Drive near Summit Road (west of Topanga Canyon Boulevard)**
Removal of slide material. Cost estimate is \$1,100,000.
8. **Latigo Canyon Road at MM 2.08**
Clear and repair plugged culvert. Severely eroded fill bank will also need repair. Cost estimate is \$500,000.

**LISTING OF EMERGENCY REPAIR TO COUNTY ROADS AND FLOOD CONTROL
FACILITIES CAUSED RECENT BY STORMS
PROJECT DESCRIPTIONS**

9. **Malibu Drive**
Removal of slide material. Cost estimate is \$250,000.
10. **Las Flores Heights**
Removal of slide material. Cost estimate is \$250,000.
11. **Lake Hughes Canyon Road - Camp Munz to Pine Canyon Road**
Replace damaged board walls with riprap, and restore edge of pavement and missing shoulders. Cost estimate is \$500,000.
12. **San Francisquito Canyon Road - Low Ridge to Dry Gulch**
Restore pavement and shoulders. Add shoulder protection (riprap) along sections subject to erosion. Open and pave the San Francisquito realignment section - possible solution includes constructing a bridge over the creek and abandon the section of road adjacent to the creek which is occupied by the red legged frog. Cost estimate is \$4,000,000.
13. **Tapia Canyon Road**
Restore entire road that was washed away. Cost Estimate is \$1,000,000.
14. **Templin Highway**
Clear and repair plugged culverts. Cost estimate is \$200,000.
15. **Bouquet Canyon Road**
Restore washed out roadway, reestablish creek away from the roadway, and repair damaged pavement locations. Cost estimate is \$3,000,000.
16. **Lake Hughes Canyon Road south of Warm Springs**
Removal of slide material. Approximately 40,000 cubic yards of material to clear. Cost estimate is \$500,000.
17. **Three Points Road - Pine Canyon Road to Highway 138**
Restore roadway and shoulders and add shoulder protection (riprap) along those sections subject to erosion. Cost estimate is \$600,000.
18. **Arrastre Canyon Road**
Restore roadway and repair culverts and shoulder protection. Cost estimate is \$100,000.

**LISTING OF EMERGENCY REPAIR TO COUNTY ROADS AND FLOOD CONTROL
FACILITIES CAUSED RECENT BY STORMS
PROJECT DESCRIPTIONS**

Flood Control Projects

19. Remove deposited sediment from critically full debris basins and inlets including Winery Debris Basin, Sunset Lower Debris Basin, PD 2049, PD 1920, PD 2275, PD 2387, and PD 1386. Cost estimate is \$2,000,000.

Attachment F

City of Los Angeles Road Closure/Detour Report

Storm Date:

January 7, 2005 – January 11 2005

San Fernando Valley:

- **Big Tujunga at Mt. Gleason – Access to residents only.**

Hollywood:

- **Mulholland at Coldwater Canyon – Street closure, Eastbound closed due to road damage. Westbound access.**
- **Woodstock at Willowglen and Bulwer – Open to residents only.**
- **Laurel Canyon Northbound from Hollywood to Mt. Olympus – open with heavy traffic**
- **Big Laurel Canyon Rd. is open**
- **Little Laurel Canyon Rd. has repair work ongoing from Jan. 18-21, 2005, from 6:00am to 5:00pm. This is 150 yards south of Kirkwood.**

STATE ROUTE CONDITIONS

State Route 2

State Route 2 was reopened to PM 51.7 (1 mile East of Horse Flats Road) on 01/18/05 at 1700hr to allow public access to ski area. Some traffic flagging/control in place for Contractors' continuing clean up operation at various locations. CALTRANS reopened the road to PM 54.1 @ Elevation 6,000 feet gate (near Private Road) as of 01/21/05 @1230hr. Small mud & rock slides are buried under 5 ~ 8 ft of snow pass the Elevation 6,000 feet gate. District 8 has closed their gate @ PM 64.1 due to impassable road conditions. It is not known, due to much snow & ice, when the road will be cleared and reopen to through traffic.

State Route 27, TOPANGA CANYON BOULEVARD

TO OPEN INTERMITTENTLY FOR RESIDENTS AND SCHOOL BUSES

As of Monday, Monday, January 17, Topanga Canyon Boulevard between Pacific Coast Highway and Grandview Drive was opened to residents and school buses only, during the following hours:

Southbound traffic will be allowed access from 7 a.m. to 9 a.m.

Northbound traffic will be allowed access from 3:30 p.m. and 7 p.m. Unknown cost and duration.

Public Works staff has observed that all traffic has been allowed to utilize this route during the lane restriction hours noted above.

State Route 5 @ Templin Highway

Geologists and engineers are evaluating area, west side of southbound lanes, large section of hillside is moving causing the pavement to heave. The Department has installed instant warning systems on slope in order to alert 24 hour watch in case of necessity to close freeway and divert traffic to SR 138, East and SR 14 for southbound and the same for Northbound traffic. Currently 3 S/B lanes and 3 N/B lanes are open as of 0400hr today, 01/26/05.

State Route 39

Multiple sections have been washed out from the bottom to the top, and access has not been gained for the last 8 miles due to massive damage. Unknown duration and cost. The closure was moved up on 01/14/05 from PM 16.7 to PM 17.7 for the convenience of residents. Roadway is closed to general public (but open for Residents) from 0600hr to 1800hr for construction operation. Planning to complete Repair/clean-up of the Southern section (from 2.7 miles north of Route 210 to 1.8 miles north of West Fork San Gabriel) is expected to be completed and fully reopened by 01/28/05. Still no access has been gained for the Northern section (PM 34.0 ~ 42.0).

State Route 138 at Big Rock Creek

This route was re-opened last week.

State Route 213 (Western Avenue in the City of Rancho Palos Verdes)

Sink-holes developed @ two locations (Westmont Dr. & Summerland) due to underground drainage failure. At Westmont Dr., sink-holes are being repaired and the southbound Lanes were re-opened as of 5:00 p.m. yesterday (01/25/05.) The northbound lanes are still closed, however, CALTRANS is working to reopen the northbound lanes by this Friday, 01/28/05. The repair of Summerland sink-hole is expected to complete by 02/20/05 (only the northbound lanes are closed).

Attachment F

City of Los Angeles Road Closure/Detour Report January 24, 2005 1:00 p.m.

Storm Date:

January 7, 2005 – January 11 2005

San Fernando Valley:

- Big Tujunga at Mt. Gleason – Access to residents only.

Hollywood:

- Mulholland at Coldwater Canyon – Street closure, Eastbound closed due to road damage. Westbound access.
- Woodstock at Willowglen and Bulwer – Open to residents only.
- Laurel Canyon Northbound from Hollywood to Mt. Olympus – open with heavy traffic
- Big Laurel Canyon Rd. is open
- Little Laurel Canyon Rd. has repair work ongoing from Jan. 18-21, 2005, from 6:00am to 5:00pm. This is 150 yards south of Kirkwood.

FLOOD MAINTENANCE FACILITIES

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account | |
|----------------------|------------------------|----------------------------------|-----------------------------------|-------------------------------|---------------------------|-----------------------|
| PICKENS YARD | | | | | | |
| 1 | PD655 | Needs to Dewater | Dewatering, clearing | 50% complete | \$45,000 | force account |
| 2 | Big Briar Debris Basin | 25% full, tree blocking tower | tree removal, clearing | tree removed, cleanup 2/3 | \$75,000 | force account |
| 3 | Pickens Yard | Significant erosion/Wall failure | Slope needs to be protected | With AED | \$3,000 | force account |
| 4 | Pickens Yard | Sheriff wall failure | Slope repair/wall reconstruction | Sheriff Dept. is handling | \$30,000 | force account |
| 5 | Oak Canyon DB | erosion due to piping | subdrainage system/repairs | referred to GMED | \$50,000 | Force Account |
| Total Pickens | | | | \$203,000 | | |
| HANSEN YARD | | | | | | |
| 6 | Lindero Channel | Channel wall collaps | Removal of obstructions 1/12/05 | tree removed 1/13 | \$5,000 | force account |
| 7 | Lindero Channel | wall collaps | Wall reconstruction, slope repair | With DES/AED/CONST | \$1,200,000 | contract |
| 8 | Lindero Channel | Leaning wall | shoring - start 1/25/05 | With DES/AED/CONST | \$80,000 | contract 50% complete |
| 9 | Pacoima Dam | Significant debris in spillway | clearing | removed from spillway 1/16 | \$50,000 | force account |
| 10 | La Tuna Debris Basin | <20% Full | Dewatering, clearing | still draining | \$5,000 | force account |
| 11 | Stetson Debris Basin | <20% full | Dewatering, clearing | draining - no additional work | \$5,000 | force account |
| 12 | Sombrero Debris Basin | <20% full | Dewatering, clearing | draining - no additional work | \$5,000 | force account |
| 13 | May Debris Basin | <20% full | Dewatering, clearing | draining - no additional work | \$5,000 | force account |
| 14 | Linkin Debris Basin | <20% full | Dewatering, clearing | draining - no additional work | \$5,000 | force account |
| 15 | Wilson Debris Basin | <20% full | Dewatering, clearing | draining - no additional work | \$5,000 | force account |
| 16 | Aliso Debris Basin | <20% full | Dewatering, clearing | draining - no additional work | \$5,000 | force account |
| 17 | Schwartz Debris Basin | <20% full | Dewatering, clearing | draining - no additional work | \$5,000 | force account |
| 18 | Pacoima Dam | Significant rock falls | Being done 1/11/05 | rocks cleared 1/14/05 | \$3,000 | force account |
| 19 | Pacoima Dam | Levy washout | Reconstruct levy | with WRD 1/19/05 | \$230,000 | contract |
| 20 | L.A. River | Tree-Down | Remove tree | tree removed 1/4 | \$3,000 | force account |
| 21 | Liberty Canyon Channel | Tree-Down | Remove tree (completed 1/13/05) | tree removed 1/4 | \$3,000 | force account |
| 22 | Triunfo Creek | Several trees down | remove trees | scheduled for 1/25/05 | \$12,000 | force account |
| 23 | Oliver Debris Basin | Mud and rocks on road | clear road | scheduled for 1/25/05 | \$25,000 | force account |
| 24 | Aliso Creek | Tree-Down | Remove tree in progress | tree removed 1/14/05 | \$3,000 | force account |
| 25 | Dip crossing Big T Dam | significant erosion | Erosion repair | Low priority | \$100,000 | |
| Total Hansen | | | | \$1,754,000 | | |

| SANTA CLARA YARD | | | | | | |
|--|-------------------------------|----------------------------|--------------------------------------|--------------------------------|-----------|---------------|
| 26 | PD 2048 Castaic | Several DRIs 100% full | Dewatering, clearing | In progress - 80% complete | \$150,000 | force account |
| 27 | PD 2431 Castaic | Several DRIs 100% full | Dewatering, clearing | In progress - 80% complete | \$120,000 | force account |
| 28 | PD2049 Castaic | Several DRIs 100% full | Dewatering, clearing | contract | \$250,000 | contract |
| 29 | PD1920 Castaic | Several DRIs 100% full | Dewatering, clearing | contract | \$250,000 | contract |
| 30 | PD2279 Castaic | Several DRIs 100% full | Dewatering, clearing | in progress - 70% complete | \$125,000 | force account |
| 31 | PD2275 Castaic | Several DRIs, DB full | Dewatering, clearing | contract | \$250,000 | contract |
| 32 | Mint Channel | 75% debris deposit in ch | Sediment removal | started 1/15/05 80% complete | \$250,000 | force account |
| 33 | Inlets in Sand Canyon | Inlets plugged | Clearing inlets | Low priority | \$75,000 | force account |
| 34 | Whites Canyon Inlets | Inlets plugged | Clearing inlets | Low priority | \$75,000 | force account |
| 35 | Newhall Creek | significant debris deposit | Sediment removal | pending notifications | \$130,000 | force account |
| 36 | Violin Canyon Outlet | significant debris deposit | Clearing | pending notifications | \$250,000 | force account |
| 37 | PD1893 | Inlets plugged | Sediment removal | in progress - 70% complete | \$75,000 | force account |
| 38 | PD2421 Castaic/the old road | Pipe full of sediment | Clear pipe/outlet plugged (Caltrans) | pending work by caltrans | \$25,000 | force account |
| 39 | Violin Canyon Outlet | Temp. material storage | remove material to SPS | in May | \$250,000 | force account |
| 40 | PD2437 Castaic | DRI full | Clean out | in progress - 80% complete | \$150,000 | force account |
| 41 | Hasley Canyon Channel | Tree down blocking channel | remove tree | Low priority | \$3,000 | force account |
| 42 | Live Oak Springs | DRIs full | Clean out | Low priority | \$75,000 | force account |
| 43 | PD1307 Sand Canyon | Sediment buildup | Clear | pending notifications | \$75,000 | |
| 44 | PD2042 Castaic | DRI full | Clean DRI | in progress - 40% complete | \$150,000 | force account |
| 45 | PD2012 - Line B Rye Cyn DRI | DRI full | Clean DRI | Low priority | \$150,000 | force account |
| 46 | St. Martinez Chnl - Val Verde | Erosion to channel | Repair erosion | Low priority | \$50,000 | force account |
| 47 | PD1589 | DRI full | Clean out | Low Priority | \$50,000 | force account |
| 48 | Whites Canyon Channel | Sediment buildup | Clean sediment | pending notifications | \$35,000 | force account |
| 49 | Haskel Canyon Channel | Sediment buildup | Clean sediment | pending notifications | \$100,000 | force account |
| 50 | SCR South Fork | Sediment buildup | Clean sediment | pending notifications | \$135,000 | force account |
| 51 | PD 2157 Castaic | several DRIs full | Dewatering, cleanout | started 1/15/05 - 25% complete | \$125,000 | force account |
| 52 | PD 2444 | DRIs 100% full | Dewatering, cleanout | In February | \$75,000 | force account |
| 53 | PD 2284 | DRIs 100% full | Dewatering, cleanout | 50% complete | \$75,000 | force account |
| 54 | PD 2475 | DRIs 50% full | Dewatering, cleanout | In February | \$75,000 | Force Account |
| Total Santa Clara | | | | \$3,688,000 | | |
| DEBRIS BASINS | | | | | | |
| Cleaning required - more 5% Full (Burned watershed) | | | | | | |
| 55 | Brand Debris Basin | > 25% Full burn area | Dewatering, clearing | 5% complete | \$500,000 | force account |

FLOOD MAINTENANCE FACILITIES

ATTACHMENT G

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|---|--------------------------|-------------------------------|----------------------------------|--------------------|---------------------------|
| 56 Childs Debris Basin | 5 - 25% Full - Burn Area | Dewatering, clearing | still draining | \$150,000 | force account |
| 57 Sunset Lower Debris Basin | 20 - 25% Full Burn Area | Dewatering, clearing | still draining | \$150,000 | contract |
| 58 PD2389, Fair Oaks D.B. | 50% Full | Dewatering, possible cleaning | still draining, contract | \$200,000 | contract |
| 59 PD 2099 Shadow Valley DB | >25% | Dewatering, cleanout | in February | \$50,000 | force account |
| Cleaning required - more than 25% Full | | | | | |
| 60 PD1386 Line B Copper Hill DRI | DB Full | Clean out | contract | \$250,000 | contract |
| 61 PD2487 Debris Basin(Castale) | DB 25% full | Dewatering, cleanout | in progress | \$75,000 | force account |
| 62 Deer Debris Basin | 25% Full | Dewatering, clearing | still draining | \$50,000 | force account |
| 63 Linda Vista Debris Basin | 80% Full | Dewatering, clearing | strt 1/17/05 -stopped , no truck | \$150,000 | force account |
| 64 Pickens Debris Basin | 25% Full | Dewatering, clearing | started 1/20/05 to clear lower | \$100,000 | force account |
| 65 Scholl Debris Basin | 70% Full | Dewatering, clearing | scheduled for 1/25/05 | \$70,000 | force account |
| 66 Mullally Debris Basin | 70% full | Dewatering, clearing | 50% complete | \$150,000 | force account |
| 67 Halls Debris Basin | over 25% full | Dewatering, clearing | still draining | \$150,000 | force account |
| 68 Winery Debris Basin | Over 25% full | Dewatering, clearing | contract | \$150,000 | force account |
| 69 Verdugo Debris Basin | Over 25% full | Dewatering, clearing | contract | \$250,000 | contract |
| TOTAL DB's | | | | \$2,445,000 | |

| | |
|------------------------------|--------------------|
| Grand Total West Area | \$8,000,000 |
|------------------------------|--------------------|

Note:
Locations with Condition column in red bold are submitted for OES reimbursement.

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|--|---|--|---|--------------------|----------------------------------|
| EATON YARD | | | | | |
| 1 Assist RMD on culverts under Canyon Crest Road | large debris in culverts | cleanout | completed 1/17/05 | \$1,000 | Force Account |
| 2 BI-1223 | plugged line | cleanout | completed 1/16/05 | \$2,400 | Jet-Vac contractor w/FA of labor |
| 3 Gooseberry Inlet (crib structure) | inlet 80% full and erosion on access road | cleanout inlet - 1200 cy - and repair erosion | erosion repair only completed 1/15/05 | \$1,500 | Force Account |
| 4 Eaton Reservoir | separated CMP adjacent to New York Drive and logs and debris on spillway | Repair CMP, remove debris | debris removed from spillway 1/17/05 - Requested WRD if permits needed | \$5,000 | Force Account |
| 5 Eaton Reservoir | 3 rock levees washed out in reservoir - Cat D IDE | replace rock levee erosion protection for structures and New York Drive in reservoir - Cat D IDE | Request WRD to investigate if permits needed | \$200,000 | Force Account |
| 6 Eaton Spreading Basin | large erosion along access road | repair erosion | started 1/19/05 | \$2,500 | Force Account |
| 7 New York Drive Inlets A and B | inlets 80% full | cleanout 1000 cy | started 1/25/05 | \$24,379 | Force Account |
| 8 PD 54 | hill slide blocking flows, small amount of build up at trash rack | cleanout trash rack | | \$500 | Force Account |
| 9 PD 331 east | material behind trash barriers (3/4 full) | cleanout | debris removed 1/14/05 | \$18,183 | Force Account |
| 10 PD 394 | debris in inlet | pick up spill from inlet cleaning | completed 1/18/05 | \$2,800 | Force Account |
| 11 Sierra Madre Dam | slide on haul road, erosion on slope below haul road | clear road, repair erosion | started 1/12/05, slide removed, repairing slope | \$7,953 | Force Account |
| 12 Afton DREI | slide covering access road above basin | clear slide | slide cleared on 1/17/05 | \$10,244 | Force Account |
| 13 Carter DB | small slide on access road | clear slide | | \$2,500 | Force Account |
| 14 Fern DB | erosion, damage to revetment | repair erosion and revetment | removed damage stabilizer 1/18/05, permits may be needed for final repairs | \$11,000 | Force Account |
| 15 Gooseberry DB | erosion on N/E hill side from adjacent homeowner; damaged fence and block material on slope | repair erosion and remove block and fence | Block and fence removed 1/15/05, waiting for property owner to do their repairs | \$30,703 | Force Account |
| 16 Kinneboa West DB | slide on access road, debris in bench drains | clear slide and remove debris | slides removed 1/14/05, bench drains cleared 1/15/05 | \$5,000 | Force Account |
| 17 Lannan DB | erosion on access road | repair erosion | completed 1/18/05 | \$600 | Force Account |
| 18 Laguna Regulating Basin | two trees fell by inlet and slide in access road, 40LF fence collapsed above outlet structure headwall | remove trees and clear slide, repair 40 LF fence | | \$5,000 | Force Account |
| TOTAL EATON YARD | | | | \$330,862 | |
| LONGDEN YARD | | | | | |
| 19 BI-6604 | debris in inlet | clear inlet | completed 1/19/05 | \$1,000 | Force Account |
| 20 Blue Sky Drain | debris in inlets | clear upper inlets | start 1/20/05 | \$7,700 | Force Account |
| 21 Bradbury Channel | large erosions along rwy and channel wall | Regrade, fill with base | | | Force Account |
| 22 Burro SPS | Inlet B is full and inlet C is 1/2 full | Cleanout 32,000 cy | | \$250,000 | Force Account |
| 23 El Selinda DRI | debris in DRI | cleanout estimated 600 cy | | \$13,890 | Force Account |
| 24 Morris Dam | access road washed out; slide on west abutment w/s slide; gunite and handrail along east side of spillway and d/s face of dam damaged - Cat D IDE | Repair/replace access roads (contract); Repair slide on west abutment w/s slide (FA); Repair/replace gunite and handrail along east side of spillway and d/s face of dam (FA) - Cat D IDE | Request WRD to investigate if permits needed. Working on cleanup of slide and gunite on w/s & d/s | \$150,000 | Force Account/Contract |
| 25 Morris Dam | spillway drum gates 2 and 3 failed on 1/15/05. Screens on intake to power gate operators apparently plugged with debris. | draw down reservoir to enter and investigate and then repair/order parts as necessary | worked on broken stem. Setting up meeting with DES and WRD | \$29,259 | Force Account |
| 26 Peck Pit | erosion of embankment adjacent to Santa Anita Wash and debris on spillway fence | repair erosion and remove debris | | \$45,488 | Force Account |
| 27 San Gabriel Dam | Bypass access road washed away - CAT D IDE; debris in roadways, inlets and structures; large downed tree. | Repair/replace access road (250K) (Contract) - CAT D IDE; remove debris from roadways (22K) inlets and structures (30K) (FA); Remove large downed tree (4K) (FA). | | \$308,000 | Contract/Force Account |
| 28 San Gabriel River | 14 Invert access ramps washed away - CAT D IDE | replace invert access ramps - CAT D IDE | | \$350,000 | Contract |
| 29 Santa Anita Dam | slide on access road and roadway damaged - Cat A and D IDE | clear slide (100K) - CAT A; and repair road - CAT D | unable to access due to slide on Santa Anita Cyn Rd | \$100,000 | Contract |
| 30 Santa Anita Headworks | damage to levee; conduit on wall; access road to sluice tunnel; bridge handrails and erosion d/s of bridge; asphalt and fencing - CAT D IDE | repair levee to radial gate; repair damaged conduit on wall; replace access road to sluice tunnel; repair handrails on bridge; repair erosion d/s of bridge in park and repair damaged asphalt and CLF d/s of bridge - CAT D IDE | Request WRD to verify ownership of facilities and appurtenances. Start levee repairs 1/25/05 | \$99,704 | Force Account |
| 31 Santa Anita SG's | erosion on roads and levees | repair erosion on roads and levees | | \$5,000 | Force Account |
| 32 Santa Fe SG's | erosion and damage to levees and access roads - CAT D IDE | repair erosion and damage to levees and access roads - CAT D IDE | Request WRD to investigate if permits needed | \$40,000 | Force Account |
| 33 Sawpit DB | mud and debris on spillway; road on left abutment into basin washed away | remove mud and debris on spillway; reestablish road on left abutment into basin | | \$3,000 | Force Account |
| 34 Sawpit Dam | access road to plunge pool and d/s face of dam washed away | replace roadway | WRD is investigating the possible need for permits | \$20,000 | Force Account |
| 35 Turruvalle Drain | debris in fire structures | clean fire structures | | \$20,000 | Force Account |
| 36 Various locations | minor slides and debris | removed slides/debris at 7 DB's, 1 wash, 4 SPS | completed 1/14 - 1/14/05 | 9,000 | Force Account |
| 37 West Fork Road | slide on road - Cat A IDE. | Clear slide - Cat A IDE. | punched thru slide to open road on 1/11/05, continue clearing - approx 85% complete - 265 cy | \$30,000 | Force Account |
| TOTAL LONGDEN YARD | | | | \$1,480,040 | |
| San Dimas Yard | | | | | |
| 38 BI-8402 | Fresh barrier is full | clean barrier | completed 1/15/05 | \$2,000 | Force Account |
| 39 Brea Canyon Channel | minor damage to 3 invert locations; various small slides on rwy | repair invert, clear slides | waiting for flows to decrease | \$5,500 | Force Account |
| 40 Dalton Dam | slides on access roads; debris in R&T structures and inlets | clear access roads; remove debris from R&T structures and inlets - est 5000 cy | primary access road cleared 1/13/05 | \$30,986 | Force Account |

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account |
|--|--|---|--|--------------------|---------------------------|
| 41 Dalton Dam | Dip crossing and culvert on access road below gaging station washed away - no vehicular access to bottom of dam - CAT D IDE. Major slide blocking access 300 feet above control house (reservoir cleanout contractor may have problem) | repair/replace dip crossing and culvert; clear slide | WRD is investigating if permits needed | \$50,000 | Force Account |
| 42 Live Oak Dam | walk bridge below dam washed out; break away fence across spillway washed out | repair bridge and fence | start 1/21/05 | \$3,000 | Force Account |
| 43 Palmer Diversion | debris plugged diversion and damaged it | clean out and repair (need to see what needs to repair) | | \$20,000 | Force Account |
| 44 San Dimas Canyon (below Pudd Div Dam and thru San Dimas SG's) | Levees washed out and breached, access roads and public roads damaged and threatened, properties threatened; culvert and wingalls at d/s end eroded; several large trees uprooted - CAT B IDE. | Repair exterior levees and embankments along San Dimas Canyon Road and adjacent private properties below Puddingstone Diversion; repair culvert/wingall wall erosion - Cat B IDE; remove debris/trees | started 1/8/05 and continuing | \$150,000 | Force Account |
| San Dimas Spreading Grounds | Internal levees and structures destroyed; approximately 1000 feet of perimeter fencing destroyed | WRD will submit repair of facility as CAT D IDE | | | Contract |
| 45 San Dimas Dam | debris below spillway area; slides along trails and bench drains blocked d/s right abutment; roadway and culver washed out d/s of spillway | remove debris, clear slides and bench drains, repair roadway and replace culvert | | \$13,578 | Force Account |
| 46 San Dimas SPS | large tree down and 2 inlets plugged at southeast corner and material starting to move towards private property | remove tree and cleanout inlets | started 1/10/05, completed 1/21/05 | \$5,000 | Force Account |
| 47 Thompson Creek Dam | culvert and Internal access road washed out; erosion to levees. | repair roads and erosion | | \$22,347 | Force Account |
| 48 Walnut Spreading Basin | 6 large trees down | remove trees | | \$22,000 | Force Account |
| 49 Walnut Creek 300 feet east of Azusa | large tree down, damaged fence and rwy. | remove tree repair fence and rwy | started 1/17/05, completed 1/10/05 | \$3,000 | Force Account |
| 50 Beatty DB | minor slides blocking bench drains | clear bench drains | completed 1/21/05 | \$2,500 | Force Account |
| 51 Brea Canyon Det Basin | minor debris in basin | cleanout | completed 1/14/05 | \$1,500 | Force Account |
| 52 Diamond Crest DRI | minor debris in inlet | cleanout | completed 1/14/05 | \$2,000 | Force Account |
| 53 Englewild DB | minor slides blocking bench drains | clear bench drains | start 1/21/05 | \$2,500 | Force Account |
| 54 Hook DB (E) | minor slides blocking bench drains; dewater end clear tower | clear bench drains and dewater | completed 1/10/05 | \$2,500 | Force Account |
| 55 Kara DRI | one board on R&T missing | replace missing board | completed 1/10/05 | \$500 | Force Account |
| 56 Marshall East DRI | debris in inlet (a lot of water) | cleanout - approximately 1500 cy | start 1/24/05 | \$24,007 | Force Account |
| 57 Oak Park DB | oak tree down blocking access road and some debris | remove tree, clean debris | started 1/10/05, completed 1/21/05 | \$2,000 | Force Account |
| 58 Palomine West DRI | debris in inlet | cleanout | completed 1/10/05 | \$2,500 | Force Account |
| 59 Pennsylvania DRI | remove minor debris from tower | | completed 1/10/05 | \$1,000 | Force Account |
| 60 Pumelle Upper DRI | damaged and missing boards on R&T | replace boards | completed 1/10/05 | \$2,500 | Force Account |
| 61 San Jose Creek South Fork | fallen trees u/s left bank of Latterman Rd | remove trees | | \$7,345 | Force Account |
| TOTAL SAN DIMAS YARD | | | | \$439,264 | |
| DB's | | | | | |
| Possible need cleaning 5% burn: | | | | | |
| 62 Big Dalton DB | 20% full now (some water) | Cleanout approximately 75,000 cy | dewatering | \$750,000 | Force Account |
| 63 Englewild DB | 20% full now (some water) | Cleanout approximately 5,000 cy | dewatering | \$100,000 | Force Account |
| 64 Little Dalton DB | 15% full now (mostly water) | Cleanout approximately 75,000 cy | dewatering | \$750,000 | Contract |
| Possible need cleaning normal 25%: | | | | | |
| 65 Inveness DB | 30% full (no visible water) | Cleanout approximately 1200 cy | waiting permit | \$25,000 | Force Account |
| 66 Rubio DB | 35% full (some water, some inflow) | Cleanout approximately 50,000 cy | waiting permit | \$500,000 | Force Account |
| Santa Anita DB | 30% full - (mostly water) | Evaluated on 1/24, still dewatering | | | No cleanout likely |
| TOTAL DB's | | | | \$2,125,000 | |
| GRAND TOTAL EAST AREA | | | | \$4,375,166 | |

Note:
Locations with Condition column in red bold are submitted for OES reimbursement.

| Facility Name | Condition | Action Needed | Status | Estimate | Contract or Force Account | |
|---|---|--|--|----------------------|--|--|
| IMPERIAL YARD | | | | | | |
| 1 Earl Street at 25th Street in Long Beach buckled. | caused water to escape from the pressure manhole of Project 5109. | Manhole repair and street resurface | DIG ALERT has marked the street. Manhole shaft repair was started on 1/18. Temporary road repairs will be conducted by RMD starting 1/27. | \$40,000 | Interim - Force Account RMD Permanent - Contract | |
| 2 damaged 54" pipe that crosses Rio Honda Spreading Grounds out of the channel and through the leading and connects to Rio Honda Channel. | Since the pipe was damaged water backed out of the channel and through the leading pipe joints and eroded the channel back-slope threatening the lining. | Re-construct pipeline | To prevent further damage the pipe was disconnected from the channel and the junction structure was filled with concrete. No immediate threat is present, but the condition needs to be monitored. | \$75,000 | Contract | |
| 3 Rio Honda Channel access road | A portion of the access road for Rio Honda Channel was damaged during the storm. | Slope repair and Bicycle trail resurface | Pending repave by RMD | \$10,000 | Force Account | |
| 4 Seaside Pump Station | At Seaside Pump Station, we are experiencing a problem with the gear drive. At this point it appears as if we will need to disassemble repair and reconstruct the drive shaft assembly. | FMD is working on a solution along with Design Division and the Pump Contractor. | Pending FMD & DES review | | Force Account | |
| 5 Broken CMP along Palos Verdes Drive East in Rolling Hills Estates. | FMD, RMD, DES, and City Services have been involved in the repair of a broken CMP along Palos Verdes Drive East in Rolling Hills Estates. | Pipe repair. | DES has completed repair plans. PDD & CON looking for Contractors. | | Contract | |
| 83rd STEELET YARD | | | | TOTAL IMPERIAL YARD | \$125,000 | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 Trancas Canyon Debris Structure | Overflow Pipes damaged. | will reassess the extent of the damage as soon as possible. | Pending FMD review | \$300,000 | Contract | |
| 9 Santa Monica Channel Outlet | West Channel Road at PCH needs further investigation of the erosion at abutment. | May need to backfill behind channel walls at outlet. | Pending FMD review. | \$7,500 | Force Account | |
| 10 Rustic Canyon Channel bank | Severe erosion and undermining was noticed along Rustic Canyon Channel bank. 83rd responded and placed sand bags at 4 different locations. | Further evaluations are necessary. | Pending FMD review | \$80,000 | Force Account | |
| 11 Potential settlement at Crenshaw and 235th Street over a drain in Torrance. | Location was investigated and determined not at risk. | Storm Drain was investigated and found to be intact. City has been informed. FMD agreed to conduct soil borings. | Awaiting Lab Results | | | |
| 12 Montana Avenue storm drain | crews worked on interim repair | Borings done by GMED on 1/18. Awaiting lab results. Repairs are continuing this week. | Repairs continuing | \$20,000 | Force Account | |
| | | | | TOTAL 83 RS ST. YARD | \$387,500 | |

Notes:
Locations with Condition column in red bold are submitted for OES reimbursement.

GRAND TOTAL SOUTH AREA \$612,500