

FOR CONTRACT NO.: 07-4Y7604

INFORMATION HANDOUT

MATERIALS INFORMATION

GEOTECHNICAL FILL SLOPE REVIEW
LA-57-P.M. 9.88

PHOTOGRAPHS OF BLOCKAGE AT LOCATION 1 AND LOCATION 2

PERMITS

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

ROUTE: 07-LA-57, 110, 118, 710-Var

Memorandum

*Flex your power!
Be energy efficient!*

To: **BILL VARLEY**, Major Damage Coordinator
D7 Office of Maintenance

Date: March 8, 2010

Attn: Charles Leeger, CMAS

File: 07-LA-57
EA 07-930322
SD 5953057009.8

From: **DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Geotechnical Services
Office of Geotechnical Design – South - 1**

Subject: **FILL SLOPE REVIEW LA-57– P.M. 9.88**

As requested, a field review was made to evaluate the existing fill slope conditions along the northbound lane of SR-57 at the vicinity of P.M. 9.88 in the City of San Dimas.

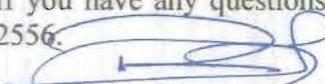
The descending fill slope is approximately 150 feet high with an overall slope ratio of 2H: 1V. The slope material consists of sandy-silt, with gravel, cobbles and boulders. The slope is vegetated with grass and few trees. The slope appears to be grossly stable, however, severe erosion along the face of the slope at approximately mid-height down has produced a \pm 30-foot vertical scarp with tension cracks at the flanks.

This erosion process can worsen if no mitigative measure is taken. We cannot predict when this will happen but the condition of existing crushed CMP and high intensity storm(s) would be expected to cause further upward erosion.

Once the CMP is repaired/replaced and based on the existing field conditions and the slope geometry we highly recommend that the slope be reconstructed following Section 19 of the Standard Specifications. In addition planting and/or hydroseeding immediately after the slope is reconstructed are also recommended.

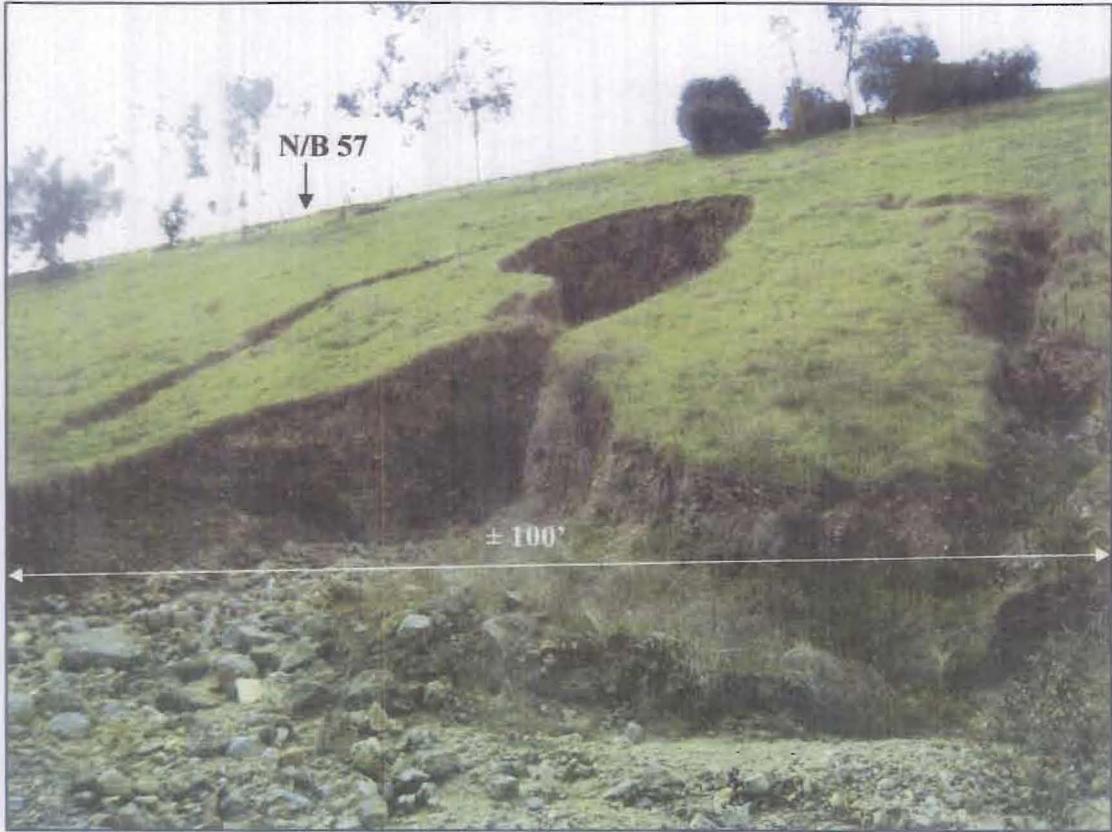
Failure to repair this section of the fill embankment will further jeopardize the integrity of the freeway at this location.

If you have any questions and/or further assistance is required please contact me at (213) 620-2556.


Gustavo Ortega, C.E.G., C.HG.
Special Geological Studies
Office of Geotechnical Design South-1

cc: JEhsan, HQ-OGDS-1 Sacramento







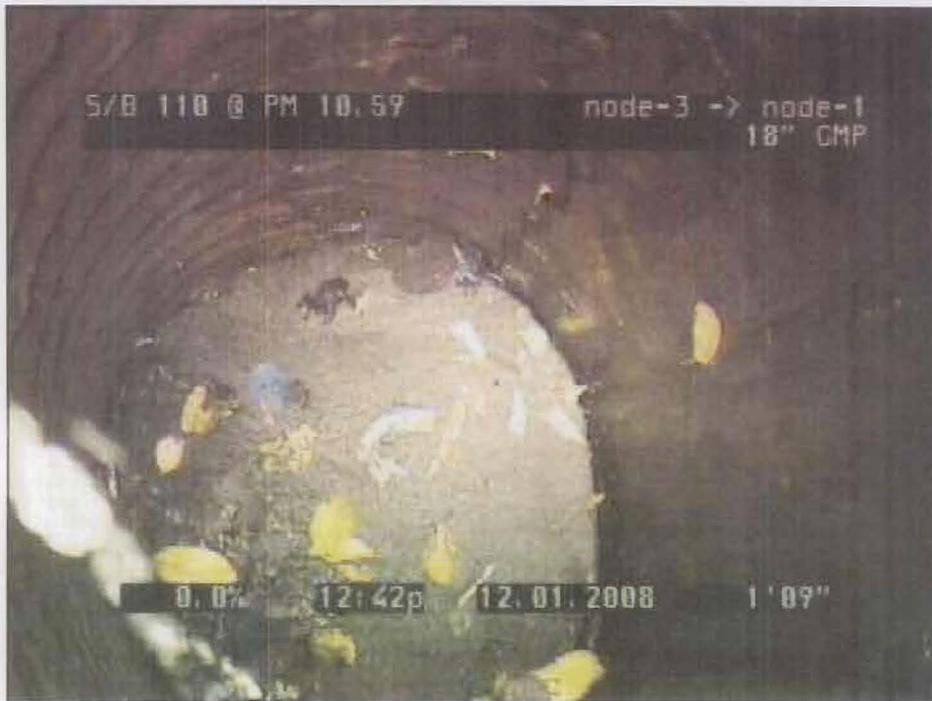
Rte 118 - Picture was taken from the outlet (downstream) (PM R8.5) at 13' of the pipeline.



Rte 118 - Picture was taken from the outlet (downstream) (PM R8.5) at 59' of the pipeline.



Rte 118 - Picture was from the outlet (downstream) (PM R8.5) at 72' of the pipeline.



Rte 110 - Picture was taken from the drainage (PM 10.7) inlet (upstream)

Tract #:



Permit #: **PCFA 201200617**

Issued By: WNEZART
Issued Date: 14-FEB-12

Permit Office: 6

PC-ACCSST FLOOD ACCESS SHORT TERM	COUNTY OF LOS ANGELES-DPW Department Of Public Works Alhambra, CA 91803 - (626)458-3129 Flood Control District Permit
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<u>Individual's / Company Name</u>	<u>Address / City, State Zip</u>	<u>Work Phone</u>	<u>Home Phone</u>
(APP) CALTRANS (DISTRICT 7) PAUL FOK (CNT)	100 S. MAIN STREET LOS ANGELES, CA 90012	(213)897-2592	
<u>Emergency Contact</u>			

Location

Site Address:
Description: PROJECT 74: BET. GARDENA BL. AND ALONDRA BL., LOS ANGELES

Scope of Work

DESCRIPTION OF WORK: To authorize temporary access into Los Angeles County Flood Control District's (District) right of way along Project 74, between Gardena Blvd. and Alondra Blvd., in Los Angeles, to perform lining work to Permittee's connector pipe. Permittee shall not interfere with the activities of the District's employees or the District's contractors. Storage of equipment and materials is not allowed within the District's right of way. During the period of operations conducted under the permit, Permittee shall maintain in effect an insurance policy (minimum limit of \$1 million) naming the District/County as additional insured with respect to these operations. This permit shall not be exercised during inclement weather or when the forecast predicts rain. Upon completion of the work authorized under this permit, Permittee shall restore the area to the satisfaction of the District's representative.

Activities under this Permit shall not start until the District receives payment for permit processing and inspection (\$1084), receives the contractor's contact information, and has reviewed and approved the contractor's insurance (including additional insured endorsement).

Permit Expires: 10/30/2012.

PERMITEE MUST NOTIFY FLOOD MAINTENANCE DIVISION (SOUTH AREA) AT TELEPHONE (562) 861-0316 (8:00 AM TO 4:00 PM) AND PROVIDE A WORK SCHEDULE AT LEAST 2 DAYS BEFORE TAKING ACTION ON THIS PERMIT. A COPY OF THIS PERMIT SHALL BE KEPT AT THE WORK SITE DURING ALL PERIODS OF OPERATION WITHIN THE DISTRICT'S RIGHT OF WAY AND SHALL BE SHOWN TO ANY DISTRICT REPRESENTATIVE OR LAW ENFORCEMENT OFFICER UPON DEMAND.

cc: Flood Maintenance (South); Land Development (Office, Garcia)

Permit Detail

FILE CODE NO. :	181-74.032
FLOOD FACILITY NAME :	STORM DRAIN BOND ISSUE PROJECT 74
INSPECTION CHARGE #:	TBD
INSURANCE EXPIRE	TBD
LOCATION 1:	BET. GARDENA BL. AND ALONDRA BL., LOS ANGELES
THOMAS GUIDE :	734-B6

Comments

<u>Fees</u>	<u>Fee Code</u>	<u>Account Code</u>	<u>Amount</u>
			\$0.00
	Total Fees:		\$0.00



Tract #:



Permit #: **PCFA 201200617**

Issued By: WNEZART
Issued Date: 14-FEB-12

Permit Office: 6

Is hereby permitted to complete scope of work on the public highways subject to provisions required by County of Los Angeles Highway Permit Ordinance (Division 1 of Title 16, Los Angeles County Code), the Municipal Code, and City Ordinance governing the area where this work is to be done, and the attachments hereon specified. Permit revocable at option of Public Works Director, in consideration of granting of this permit, it is agreed by the applicant that the County of Los Angeles and/or the city wherein the permit work is to be performed and any of their officers or employees thereof shall be saved harmless by the applicant from any liability or responsibility for any accident, loss, or damage to persons or property, happening occurring as the proximate result of any of the work undertaken under the terms of this application and the permit or permits which may be granted in response thereto, and that all of said liabilities are hereby assumed by the applicant, it is further agreed that if any part of this installation interferes with the future use of the highway by the general public, it must be removed or relocated, as designated by the Director of Public Works or Superintendent of Streets, at the expense of the permittee of his successor in interest. The permit is void if the permittee is not in compliance with Section 3800 of the Labor Code

Performance of the work of activity under this permit is tantamount to agreeing to the conditions of this permit, Copy of this permit shall be kept at work site during period of operation within District's/Road right of way and shall be shown to District's representative or any law enforcement officer upon demand.

INSPECTION REQUIRED

CALL PERMIT OFFICER 24 HOURS BEFORE STARTING WORK UNDER THIS PERMIT. FAILURE TO DO SO IS CAUSE FOR REVOCATION OF THIS PERMIT. THIS PERMIT IS VOID IF WORK NOT STARTED IN 60 DAYS (FOR ROAD PERMIT) OR 180 DAYS (FOR FLOOD PERMIT) FROM THE DATE OF THE ISSUANCE.

**PERMIT OFFICE NO. PCHQ
PUBLIC WORKS CONSTRUCTION
900 S. Fremont Ave.
Los Angeles County, CA 91803
PHONE NO. 626-458-3129
FAX NO. 626-576-7739**

