



**BOARD OF SUPERVISORS  
AGENDA LETTER**

Agenda Number:

**Clerk of the Board of Supervisors**  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

Submitted on:  
(COB Stamp)

**Department Name:** Public Works  
**Department No.:** 054  
**For Agenda Of:** 07/11/06  
**Placement:** Administrative  
**Estimate Time:**  
**Continued Item:** NO  
**If Yes, date from:**  
**Vote Required:** Majority

**TO:** Board of Supervisors

**FROM:** Department Director: Phillip M. Demery, Director 568-3010  
Public Works Department

Contact Info: Scott D. McGolpin, Deputy Director 568-3064  
Public Works Department - Transportation Division

**SUBJECT:** Cooperative Agreement between the County of Santa Barbara and Michael C. Bosio Revocable Trust, Second Supervisorial District; County Project Number 05STRM, Area 2T19

**County Counsel Concurrence:**

As to form/legality:  Yes  No  N/A

**Auditor-Controller Concurrence:**

As to form:  Yes  No  N/A

**Recommended Action(s):**

The Board of Supervisors approves a Cooperative Agreement between the County of Santa Barbara and Michael C. Bosio Revocable Trust associated with debris removal from the San Marcos Road Landslide and Parcel Number (APN) 153-320-026, County Project Number 05STRM, Area 2T19.

**Summary:**

On or about January 31, 2005 a large landslide was identified emanating from above San Marcos Road, approximately 1.9 miles north of Cathedral Oaks Road. On February 14, 2005 grading began to stabilize the slope above San Marcos Road. During the stabilization of the slope and removal of the landslide material approximately 2,000 cubic yards of material impacted 110 Haas avocado trees and storm drain on the above mentioned parcel.

**Background:**

San Marcos Road Landslide (Landslide) was by far the largest and most expensive storm damage site of 2005. Given the magnitude of the project the County investigated various methods to remove the landslide and stabilize the slope. The initial analysis revealed that a 1.5:1 slope with two benches and associated drainage would be sufficient to prevent landslides in the future. However, during the grading operation there were surface slides which caused the County to test additional soils for strength. The test results identified different soil parameters than were initially analyzed. This resulted in the need to modify the slope configuration by either flattening the slope, installing slope stabilization measures (soil nailing), or a combination of both in order to achieve the desired factor of safety.



During the removal of the Landslide debris approximately 2,000 cubic yards of slide material made its way onto APN 153-320-026 and impacted approximately 110 Haas avocado trees and approximately 120 feet of 18 inch drain pipe. As part of the agreement the County removed the slide material and the damaged trees from the APN 153-320026. Additionally we are agreeing to reimburse the Michael C. Bosio Revocable Trust for purchasing and planting lost trees including loss of crop value for up to six (6) years and replacing the drainage pipe for a total cost of \$40,200.00.

**Fiscal and Facilities Impacts:**

The Funding is provided by the Federal Highway Administration (FHWA) (88.53%) and State Office of Emergency Services (OES) (11.47%). Funds have been budgeted in Department 054, Fund 0015, Org 0014, Program 2050 and Account 7650.

Budgeted:  Yes  No

**Fiscal Analysis:**

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized Cost:</u>	<u>Total Project</u>
General Fund			
State		\$	4,611.00
Federal		\$	35,589.00
Fees			
Other:			
Total	\$	- \$	- \$ 40,200.00

Narrative:

**Staffing Impact(s):**

**Legal Positions:**

**FTEs:**

Subject: Cooperative Agreement between the County of Santa Barbara and Michael C. Bosio Revocable Trust  
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**Special Instructions:**

Please provide a signed copy and certified stamped Minute Order approving the Cooperative Agreement to Beverly Cross in the Public Works Department, Transportation Division Engineering Section.

**Attachments: (list all)**

Cooperative Agreement

**Authored by:**

Charlie Elbert, Project Manager X3123

**cc:**