

**STANDARD AGREEMENT**

- APPROVED BY THE ATTORNEY GENERAL

95160

22

STD 2 (REV 5-91)

CONTRACT # <b>CTA-05024</b>	AM. NO. 1
TAXPAYER'S FEDERAL EMPLOYER IDENTIFICATION # <b>94-6000511</b>	

THIS AGREEMENT, made and entered into this 19th day of March, 2008, in the State of California, by and between State of California, through its duly elected or appointed, qualified and acting.

TITLE OF OFFICER ACTING FOR STATE Executive Officer	AGENCY <b>California Tahoe Conservancy</b>	, hereafter called the State, and
CONTRACTOR'S NAME <b>County of El Dorado</b>		, hereafter called the Contractor.

WITNESSETH: That the Contractor for and in consideration of the covenants, conditions, agreements, and stipulations of the State hereinafter expressed, does hereby agree to furnish to the State services and materials as follows: *(Set forth service to be rendered by Contractor, amount to be paid Contractor, time for performance or completion, and attach plans and specifications, if any.)*

The Agreement numbered CTA-05024, dated May 19, 2006, (hereafter "the Agreement") between the California Tahoe Conservancy (hereafter "the Conservancy") and the County of El Dorado (hereafter "Grantee") is hereby amended as follows:

1. The amount of the grant from the Conservancy to Grantee, for the acquisition of various interests in real property necessary for the Angora 3 Erosion Control Project as provided under Paragraph 1 - Scope of Agreement and Paragraph 12 - Costs and Disbursements, is increased by **Forty Three Thousand Six Hundred Twenty-Eight Dollars (\$43,628)** to a total of **One Hundred Twenty-One Thousand Eight Hundred Thirty-Eight Dollars (\$121,838)**.

CONTINUED ON \_\_\_ SHEETS, EACH BEARING NAME OF CONTRACTOR AND CONTRACT NUMBER.  
IN WITNESS WHEREOF, the parties have executed this agreement hereto, upon the date first above written.

STATE OF CALIFORNIA		CONTRACTOR	
AGENCY <b>California Tahoe Conservancy</b>		CONTRACTOR (If other than an individual, state whether a corporation, partnership, etc.) <b>County of El Dorado</b>	
BY: Patrick Wright Executive Officer	<i>[Signature]</i>	BY: Rusty Dupray, Chairman	ATTEST: <b>CINDY KECK, Clerk of the Board of Supervisors</b> <i>[Signature]</i> DEPUTY 6-19-08
	6-26-08	330 Fair Ln., Placerville, CA 95667	

Amount ENCUMBERED BY THIS DOCUMENT \$43,628	PROGRAM/CATEGORY (CODE AND TITLE)		FUND TITLE	
	(OPTIONAL USE)			
PRIOR AMOUNT ENCUMBERED FOR THIS CONTRACT \$ 78,210	ITEM	CHAPTER	STATUTE	FISCAL YEAR
TOTAL AMOUNT ENCUMBERED TO DATE \$ 121,838	OBJECT OF EXPENDITURE (CODE AND TITLE)			
I hereby certify upon my own personal knowledge that budgeted funds are available for the period and purpose of the expenditure stated above.		T.B.A. NO.	B.R. NO.	
SIGNATURE OF ACCOUNTING OFFICER X <i>Leonora S. Cojuz</i>			DATE 7/1/08	

Department of General Services  
Use Only

CONTRACTOR     
  STATE AGENCY     
  DEPT OF GEN SER     
  CONTROLLER

2. Paragraph 2 - Incorporation of Documents by Reference is amended as provided below:

Exhibit A, the Conservancy's staff recommendation containing the Conservancy's resolution of May 19, 2006, is amended through the addition of Exhibit A-1, the Conservancy's staff recommendation containing the Conservancy's resolution of March 19, 2008.

Exhibit B, the Project Schedule and Budget is amended through the addition of Exhibit-B-1 the Revised Estimated Project Schedule and Budget for the Project.

3. The final date for submittal of invoices as set forth in Paragraph 4b and 4c - Costs and Disbursements, is amended as follows:

Funding Increment:

\$ 78,210

\$ 43,628

Final Invoice Date for  
This Funding Increment

June 30, 2010

June 30, 2012

4. All other terms and conditions of the original Agreement numbered CTA-05024 shall remain unchanged and in full force and effect.

## Exhibit A-1

California Tahoe Conservancy  
Agenda Item 9  
March 19, 2008

### EROSION CONTROL GRANTS AUTHORIZATION FY 2007-2008

**Summary:** Authorization of up to \$2,175,652 in Erosion Control Program funds for three projects in Placer and El Dorado Counties. Staff is also recommending that the board make the necessary findings to comply with the California Environmental Quality Act, as described in this recommendation and in Attachments 4 and 6.

**Location:** The three projects are located throughout the California side of the Lake Tahoe Basin, in Placer and El Dorado Counties (Attachment 1).

**Fiscal Summary:**

Total Recommended Grant Awards	\$ 2,175,652
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Source of Funds: Propositions 40, 50 and 84

**Recommended Action:** Adopt Resolution 08-03-08 (Attachment 2) authorizing the award of up to \$2,175,652 in Erosion Control funds and make the findings that the project for which a Negative Declaration was prepared will have no significant impacts on the environment.

**Background:** In July 2007, the Conservancy board authorized the release of the Soil Erosion Control Grants Program Announcement and Guidelines for funding up to \$10,000,000 in grants for the 2007-2008 round of the program. This announcement and the guidelines combined the Conservancy's grants program with the USDA Forest Service, Lake Tahoe Basin Management Unit (LTBMU) Erosion Control Grant Program. Submittals from local jurisdictions for planning, acquisition and site improvement grants for erosion control projects that are listed in the Environmental Improvement Program (EIP) were requested through this announcement and the guidelines. In addition to this year's grant funding allocation, there is \$1,375,000 in unused funding from the 2006-2007 erosion control grant program, providing total available erosion control funding of \$11,375,000.

Twenty-four submittals totaling \$15,582,532 were received from Placer and El Dorado Counties, the City of South Lake Tahoe, and the South Tahoe Public Utility District for both Conservancy and LTBMU funding. Conservancy staff, as well as an interagency Technical Advisory Committee (TAC), reviewed the project proposals. In December 2007, the Conservancy board authorized the award of \$5,372,440 in grant funding for 10 projects. At this meeting, Conservancy staff is recommending the award of additional grant funding of \$2,175,652 for three projects.

The projects recommended for grant awards at this time are:

Placer County

- **Kings Beach** (\$235,000 planning grant augmentation)

El Dorado County

- **Angora 3** (\$1,690,652 site improvement and acquisition grant augmentation)

South Tahoe Public Utility District

- **Comprehensive Facility-Wide Project** (\$250,000 planning grant augmentation)

Attachment 3 contains a breakdown of the funding recommendations by project. Attachment 4 contains a brief description and map of each project. Attachment 5 lists Conservancy parcels proposed for issuance of license agreements related to the construction of erosion control improvements. Attachment 6 contains the California Environmental Quality Act (CEQA) documents that were prepared by the Conservancy staff for these projects.

The CEQA documents prepared by the applicants and Conservancy staff have been sent to the board under separate cover and are available for public review at the Conservancy's office, 1061 Third Street, South Lake Tahoe, California 96150, and at the offices of the appropriate jurisdiction. Copies will also be available for review at the March 19, 2008 board meeting. The Soil Erosion Control Grants Program Announcement and Guidelines are also available for review at the Conservancy office.

For more information about these documents, please call the Conservancy at (530) 542-5580.

Staff anticipates bringing additional projects forward for grant funding at the board's May meeting. The projects anticipated for funding in May are currently awaiting clarification or refinement of acquisition needs, environmental review, engineer's estimate, or project description.

**Grant Allocations:** In July 2007, the board authorized \$10,000,000 for the 2007-2008 round of the Soil Erosion Control Grants Program. Since \$1,375,000 of unallocated funding remained from the 2006-2007 round of the grants program, the total available funding for this year's program is \$11,375,000.

Grant funds are distributed using two methods. The three general-purpose local governments (i.e., Placer County, El Dorado County, and the City of South Lake Tahoe) are each allocated \$1,500,000 as jurisdictional funding. Given that these jurisdictions have a primary responsibility for implementing the EIP, this allocation provides them with regular funding for completing high priority soil erosion control projects. An additional jurisdictional award was proposed for this year for these same three governmental agencies to facilitate an expedited response to the requirements of Section IX of their Lahontan Regional Water Quality Control Board (Lahontan) Municipal Permits. A specific dollar amount for this purpose was not established in the guidelines.

The remaining funding is distributed on a discretionary basis and is available to not only the above three local jurisdictions, but also to the three public utility districts (PUDs) on the California side of the basin - South Tahoe PUD, North Tahoe PUD, and Tahoe City PUD.

**Evaluation Process:** Applications were evaluated in a multi-step process. The first step was to determine eligibility for a Conservancy grant. To be eligible, a project must either be: (1) identified in the EIP, or (2) a continuation or completion of a project previously funded by the Conservancy. Each EIP Project has been found to have water quality problems that are contributing sediment and nutrient loads to Lake Tahoe, and that need to be addressed to reverse the decline in lake clarity.

Next, applications were checked for completeness. If any items were missing, the grantee was notified and asked to submit the required information. Third, the applications were evaluated by Conservancy staff based on the following seven

criteria in the Soil Erosion Control Grants Program Announcement and Guidelines, and all the projects were found to be substantially consistent with these criteria:

- Significant and documentable benefit to Lake Tahoe water quality
- Adequacy of design
- Comprehensiveness
- Cost-effectiveness
- Implementability
- Model project
- Cooperation and support

As previously mentioned, this year's grant review and selection process was combined with LTBMU. The processes were combined to facilitate coordinated funding decisions between LTBMU and the Conservancy erosion control programs. The submittals were also reviewed and evaluated by the TAC, which consisted of staff from the Conservancy, LTBMU, Lahontan, Tahoe Regional Planning Agency (TRPA), the Bureau of Reclamation (BOR) and the Nevada Department of State Lands (NDSL). The TAC had additional questions and concerns, which were communicated to the local agencies. Responses were submitted, which were reviewed by Conservancy and LTBMU staff. TRPA staff was consulted as a follow-up to some of the responses. Based upon the review of the responses, Conservancy staff is proposing grant awards consistent with the TAC's recommendations.

**Expected Benefits of Projects:** Each of the projects recommended for funding this year has been designated by TRPA, through its inclusion in the EIP, as a high priority water quality project. All EIP water quality projects are focused on reducing the discharge of sediment and nutrients to Lake Tahoe, to prevent or reverse the decline in Lake Tahoe's clarity.

Specifically, the projects recommended to receive site improvement grants this year have been designed, following the Conservancy guidelines, to stabilize eroding channels and slopes, infiltrate storm runoff, and trap sediment throughout the project areas. By addressing these problems, the amounts of sediment and nutrients reaching Lake Tahoe will be significantly reduced. These projects have also demonstrated that acquisitions are either completed or the project can still be constructed, with minor modifications, should the acquisitions not be completed.

Acquisition funding recommended for board approval will enable the purchase of critical easements necessary to implement projects.

The projects recommended for planning grants will be implemented using project development procedures intended to identify the most cost-effective measures for improving water quality. These procedures were developed by the Storm Water Quality Improvement Committee (SWQIC) and were endorsed by the Lake Tahoe Basin Executives in July 2004. The procedures were published in a two-volume document entitled *Collaborative Storm Water Quality Project Delivery and Formulating and Evaluating Alternatives for Water Quality Improvement Projects*. These documents are available on TRPA's website ([www.trpa.org](http://www.trpa.org)) and at the Conservancy's office.

Of the \$2,175,652 of erosion control funds recommended for funding at this time, approximately \$1.5 million is for the construction of site improvements, with the remainder for property acquisition and planning. The funding for site improvements will result in the construction of 0.5 miles of curb and gutter, 1.4 miles of rock-lined and vegetated channels, approximately 1 acre of revegetation, 44 sediment traps and drop inlets, and various other treatment measures. The funding for acquisitions and planning will provide for the completion of project plans for later projects and project phases, so that other such improvements can be constructed in near future.

**Fiscal Issues:** As stated above, in July 2007 the board authorized grants for up to a total of \$10,000,000. In last year's grant program, there were unallocated funds held in reserve for the remainder of the City of South Lake Tahoe's jurisdictional allocation. This funding was not awarded last year due to delays associated with the CEQA process for the Sierra Tract 1 project. \$1,375,000 of those unallocated funds remains, and staff proposes that these remaining funds be awarded with this year's grants. This addition would provide total funding of \$11,375,000 for this year's erosion control grants.

**License Agreements:** As part of the annual staff recommendation for funding erosion control projects, staff notifies the board about licenses that may be needed on Conservancy parcels to construct and maintain water quality related improvements. This notification is provided in accordance with board authorization in June 1987. After notice to the board, staff can execute license agreements with the various local jurisdictions for the specified parcels. Attachment 5 lists the Conservancy parcels in each project area together with the proposed improvements for each of those parcels. If the final design calls for the

use of a parcel on this list and staff finds this use to be appropriate, through approval of the project plans, then staff will execute a license agreement for that parcel.

**Implementation of the Grants:** If the staff recommendation is approved, implementation of the projects will be governed by standard grant agreements entered into by the Conservancy and the individual grantees. As in recent agreements, the new grants will provide for advances of up to 90% for design, administration, and construction, subject to meeting certain requirements. In addition, where appropriate, site improvement, land acquisition, or planning projects within a jurisdiction may be governed by a single grant agreement for each type of activity rather than separate agreements for each individual project. This approach gives the Conservancy and grantees flexibility to transfer funds between projects, upon board notification, to meet funding needs identified in the planning, final design, permit and bid stages of a project. Staff must approve such transfers, and each project must retain sufficient funding to meet all program requirements.

Additionally, it should be noted that the lists of parcels and the project budgets and schedules in the project descriptions are preliminary. Final project design may alter the need for the acquisition of particular parcels or the reallocation of funds between major budget items. However, such changes will not exceed the total amount awarded in the grant. Any remaining funds in site improvement projects will be used, if necessary, to extend improvements to adjoining areas.

**California Environmental Quality Act (CEQA) Compliance:** The Conservancy is required to determine CEQA compliance and make certain findings prior to taking action on a project. Compliance with CEQA for each project is described in the respective project descriptions (Attachment 4).

**List of Attachments:**

- Attachment 1 - Regional Map
- Attachment 2 - Resolution 08-03-08
- Attachment 3 - Funding Summary
- Attachment 4 - Project Descriptions
- Attachment 5 - Conservancy Parcels for Possible License Agreements
- Attachment 6 - CEQA Notices



**Conservancy Staff Contacts:**

*Placer County and City of South Lake Tahoe*  
Scott Cecchi

Phone: (530) 543-6015

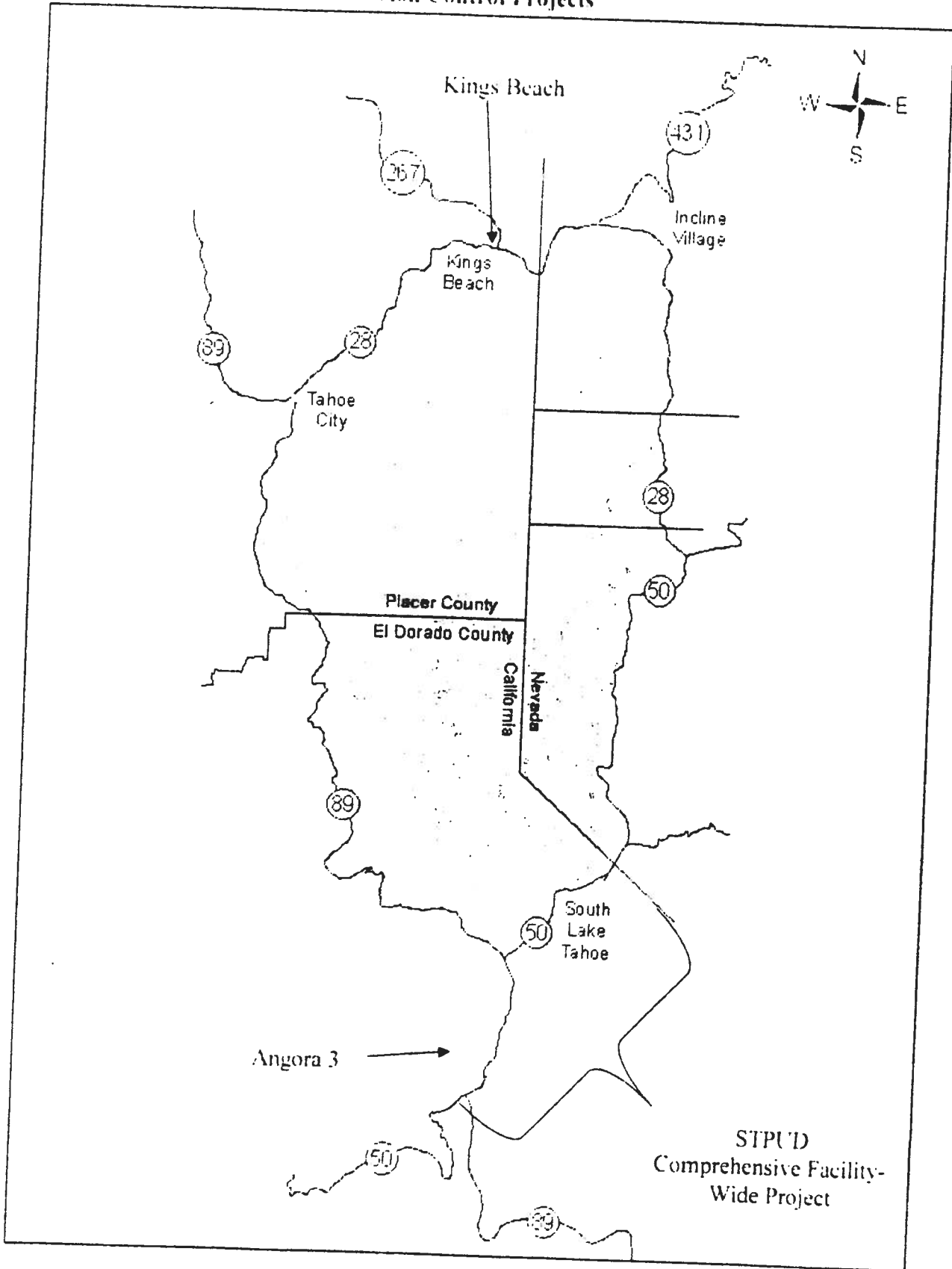
*El Dorado County and City of South Lake Tahoe*  
Penny Stewart

Phone: (530) 543-6013

*Program Manager*  
Rick Robinson

Phone: (530) 543-6064

ATTACHMENT 1  
*Regional Location Map*  
Erosion Control Projects



## ATTACHMENT 2

California Tahoe Conservancy  
Resolution  
08-03-08  
Adopted March 19, 2008

### EROSION CONTROL GRANTS AUTHORIZATION FY 2007-2008

Staff recommends that the Conservancy make the following finding based on the accompanying staff report pursuant to Public Resources Code Section 21000 et seq.:

"The California Tahoe Conservancy has previously reviewed the Mitigated Negative Declaration and subsequent Addendum certified by El Dorado County for the Angora 3 Erosion Control Project, and finds that improvements proposed have been adequately analyzed in the Mitigated Negative Declaration filed with the State Clearinghouse on March 29, 2006 and in the Addendum filed with the State Clearinghouse on November 30, 2007. The Conservancy finds that no substantial changes are proposed in the project, and no substantial changes have occurred with respect to the circumstances under which the project is undertaken that would involve any new significant environmental effects or significantly increase the severity of any previously identified impacts. Furthermore, since the County's certification of the Mitigated Negative Declaration and subsequent Addendum, there are no changes regarding the project that would require new or different mitigation measures. The potential significant adverse effects will be mitigated by the mitigation measures, and the Conservancy adopts these mitigation measures as a condition of the project. Accordingly, the Conservancy finds that the earlier Mitigated Negative Declaration and subsequent Addendum are adequate for compliance with CEQA for the grant of this funding and directs staff to file a Notice of Determination for this project with the State Clearinghouse."

"The California Tahoe Conservancy hereby authorizes staff to enter into a standard agreement and take all other necessary steps, subject to the provisions and conditions discussed in the accompanying staff report and attachments, in order to fund \$1,690,652 for the acquisition of various interests in real property and site improvements for the Angora 3 Erosion Control Project."

Staff recommends that the Conservancy make the following finding based on the accompanying staff report pursuant to Public Resources Code Section 21000 et seq.:

"The California Tahoe Conservancy has evaluated the Kings Beach and STPUD Comprehensive Facility-Wide Erosion Control Projects and has determined the grant of funding for the planning of these projects to be categorically and statutorily exempt from CEQA. The Conservancy hereby directs staff to file a Notice of Exemption for each of these projects with the State Clearinghouse."

"The California Tahoe Conservancy hereby authorizes staff to enter into standard agreements and take all other necessary steps, subject to the provisions and conditions discussed in the accompanying staff report and attachments, in order to fund and implement the following grant projects:

1. To the County of Placer

A total of \$235,000 for planning for the Kings Beach Erosion Control Project.

2. To the South Tahoe Public Utility District

A total of \$250,000 for planning for the Comprehensive Facility-Wide Erosion Control Project."

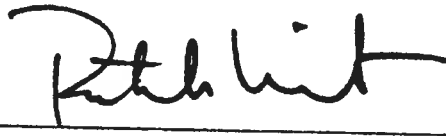
"The award of the site improvement and acquisition grants and disbursement of funds is conditioned upon a commitment, by resolution and through execution of standard agreements, by the individual grantees to undertake the projects in a manner

consistent with the purposes and scopes of the grants, to monitor the effectiveness of the projects, and to manage and maintain the projects for the 20-year term of the grant agreement."

"The award of the planning grants and the disbursement of funds are conditioned upon a commitment by the individual grantees, by resolution and through execution of the planning grant agreements, to undertake the planning efforts in a manner consistent with the purposes and scopes of the grants agreement."

I hereby certify that the foregoing is a true and correct copy of the resolution duly and regularly adopted by the California Tahoe Conservancy at a meeting thereof held on the 19<sup>th</sup> day of March, 2008.

In WITNESS THEREOF, I have hereunto set my hand this 19<sup>th</sup> day of March 2008.



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Patrick Wright  
Executive Officer

**ATTACHMENT 3**

**SUMMARY OF EROSION CONTROL FUNDING RECOMMENDATIONS  
FOR FISCAL YEAR 2007/2008**

	<b>Grant Type</b>	<b>Jurisdictional</b>	<b>Discretionary</b>	<b>Total</b>
<b>Placer County</b>				
<b>Awarded 12-7-07</b>				
Brockway	Acquisition	\$683,940		\$683,940
West Sunnyside	Site Improvement	\$816,060	\$983,940	\$1,800,000
Lake Forest Area B <sup>1</sup>	Planning		\$575,000	\$575,000
Pollutant Load Reduction Strategy	Planning	\$125,000		\$125,000
	<b>Previously Awarded Subtotal:</b>	<b>\$1,625,000</b>	<b>\$1,558,940</b>	<b>\$3,183,940</b>
<b>Proposed Award on 03-19-08</b>				
Kings Beach	Planning		\$235,000	\$235,000
	<b>Proposed Grant Project Subtotal:</b>	<b>\$0</b>	<b>\$235,000</b>	<b>\$235,000</b>
<b>Total Proposed Award 07-08</b>		<b>\$1,625,000</b>	<b>\$1,793,940</b>	<b>\$3,418,940</b>
<b>El Dorado County</b>				
<b>Awarded 12-7-07</b>				
Sawmill 2	Planning	\$132,970	\$147,030	\$280,000
Christmas Valley 2	Planning		\$130,000	\$130,000
Rubicon 5	Planning		\$195,000	\$195,000
Pollutant Load Reduction Strategy	Planning	\$187,500		\$187,500
	<b>Previously Award Subtotal:</b>	<b>\$320,470</b>	<b>\$472,030</b>	<b>\$792,500</b>
<b>Proposed Award on 03-19-08</b>				
Angora 3	Site Improvement	\$1,323,402	\$323,622	\$1,647,024
Angora 3	Acquisition	\$43,628	\$0	\$43,628
	<b>Proposed Grant Project Subtotal:</b>	<b>\$1,367,030</b>	<b>\$323,622</b>	<b>\$1,690,652</b>
<b>Total Proposed Award 07-08</b>		<b>\$1,687,500</b>	<b>\$795,652</b>	<b>\$2,483,152</b>
<b>City of South Lake Tahoe</b>				
<b>Awarded 12-7-07</b>				
Bijou Area	Planning	\$1,200,000		\$1,200,000
Pollutant Load Reduction Strategy	Planning	\$196,000		\$196,000
	<b>Previously Award Subtotal:</b>	<b>\$1,396,000</b>	<b>\$0</b>	<b>\$1,396,000</b>
<b>Total Proposed Award 07-08</b>		<b>\$1,396,000</b>	<b>\$0</b>	<b>\$1,396,000</b>
<b>South Tahoe Public Utility District</b>				
<b>Proposed Award on 03-19-08</b>				
Comprehensive Facility-Wide	Planning	\$0	\$250,000	\$250,000
<b>Total Proposed Award 07-08</b>		<b>\$0</b>	<b>\$250,000</b>	<b>\$250,000</b>
<b>Grand Totals:</b>		<b>\$4,708,500</b>	<b>\$2,839,592</b>	<b>\$7,548,092</b>

<sup>1</sup> The above table contains funding information for Erosion Control Projects only and therefore does not include the \$400,000 of SEZ and Wildlife funding included in this project.

## ATTACHMENT 4.2

### ANGORA 3 EROSION CONTROL PROJECT

**Grant Type:** Site Improvement Grant and Acquisition Grant (Augmentations)

**Applicant:** El Dorado County

**Recommended Funding:**

Site Improvement Augmentation	\$ 1,647,024
Acquisition Augmentation	\$ 43,628

**Location:** This project is located near the community of Meyers in El Dorado County and is generally bounded by Mt. Rainier Drive and Pyramid Circle on the west, Mountain Meadow Drive on the east, North Upper Truckee Road on the south and Lake Tahoe Boulevard, View Circle and Angora Creek on the north as shown on the attached map.

**Background:** Planning for this project, which is designated as Environmental Improvement Program Project #193, was initiated in 2000. A site improvement and acquisition grant was awarded by the Conservancy in May 2006. The first phase of the project was originally scheduled to be constructed in 2006; however, various design, project delivery, and funding issues delayed the project a year. In June 2007, the Angora Fire destroyed various homes and burned numerous trees and vegetation in a large portion of the project area. El Dorado County Department of Transportation (EDOT), with assistance from Conservancy staff, developed a rehabilitation project in the area to address effects from the fire, and constructed several of the designed elements of the Angora 3 Project. Funds from the earlier Conservancy grants were used to construct this rehabilitation project. Due to impacts from the fire, EDOT has had to perform additional design assessments of the area and modify portions of the project remaining to be constructed.

The Conservancy has provided \$539,300 in funding for planning and \$2,606,360 for implementation and acquisition of easements for the project. TRPA Air and Water Quality Mitigation Funds have provided \$374,497 for the project's planning and construction. The Air Quality Mitigation Funds will cover bike lane construction. The funding requested in this grant application covers project construction as well as additional funding for the acquisition of easements for improvements.

**Proposed Improvements and Expected Benefits:** The preferred alternative involves stabilizing existing sediment sources, capturing road sand and cinders, treating and infiltrating storm water runoff and snowmelt, and completing the bike lane along Lake Tahoe Boulevard and is shown on the following maps 2 through 4. As discussed above, some improvements have already been constructed as part of the Angora Fire rehabilitation efforts.

Stabilization of slopes will be accomplished through the use of revegetation. Various methods of flow spreading will be used at slopes downstream of some culvert outlets to slow flow, reduce erosion, and increase infiltration and sediment capture using the adjacent publicly-owned meadow areas. EDOT plans to salvage native wetland sod from Conservancy-owned parcels in this area and transplant it to stabilize new channels. By using vegetated swales for most of the proposed drainage conveyances, increased infiltration and sediment capture prior to discharge into Angora Creek can be accomplished. Curb and gutter will be used in areas where there is a combination of either steep slopes, evidence of snowplow disruption, or eroding ditches. Sediment traps and drop inlets will be used at culvert inlets to trap coarse sediment and traction abrasives. Currently, a bike lane exists at the project boundaries on North Upper Truckee Road and on Lake Tahoe Boulevard; however, these two sections are not connected. By incorporating a class 2 bike lane or class 3 bike route along Lake Tahoe Boulevard into this erosion control project, there will be only a small section of bike lane necessary to provide a bike lane that runs from Highway 50 to Clear View Drive. This remaining link is proposed to be included in a future project involving the stream environment zone adjacent to North Upper Truckee Road.

Five permanent drainage easements and six temporary easements are included in the acquisition grant. Many of the easements have already been obtained or negotiated. Should the owners of the remaining easements be unwilling to grant an easement to EDOT, the project can still continue with minor redesign efforts and little to no impacts to the project's goals and objectives.

EDOT plans to use publicly-owned parcels for a number of the water quality improvements, including flow spreaders, rock bowls, culverts, and vegetated channels. Sod will be salvaged from some of the parcels for use on this project. If the board approves this recommendation, staff proposes to grant licenses to construct and maintain improvements on these parcels. Attachment 5 lists additional Conservancy parcels EDOT proposes to use for improvements.



**Project Schedule:**

<u>Activity</u>	<u>Date</u>
Final Plans, Specifications and Permits	March 2008
Begin Construction	July 2008
End Construction	October 2008
Final Monitoring Reports	December 2010

**Project Funding - Site Improvement Grant:**

**Project Budget Under This Erosion Control Grant Augmentation**

<u>Activity</u>	<u>Amount</u>
Construction	\$ 1,092,367
Construction Engineering	\$ 365,000
<u>Contingency</u>	<u>\$ 189,657</u>
<b>TOTAL</b>	<b>\$ 1,647,024</b>

**Revised Erosion Control Project Budget Resulting From Proposed Augmentation**

<u>Activity</u>	<u>Previous Budget</u>	<u>Proposed Augmentation</u>	<u>Proposed Budget</u>
Construction	\$ 1,621,160	\$ 1,092,367	\$ 2,713,527
Construction Engineering	\$ 260,000	\$ 365,000	\$ 625,000
Design and Administration	\$ 499,490	\$ 0	\$ 499,490
Irrigation and Plants	\$ 90,000	\$ 0	\$ 90,000
Monitoring	\$ 57,500	\$ 0	\$ 57,500
<u>Contingency</u>	<u>\$ 0</u>	<u>\$ 189,657</u>	<u>\$ 189,657</u>
<b>TOTAL</b>	<b>\$ 2,528,150</b>	<b>\$ 1,647,024</b>	<b>\$ 4,175,174</b>

**Project Funding - Acquisition Grant:**

**Project Budget Under This Erosion Control Grant Augmentation**

<u>Activity</u>	<u>Amount</u>
Property Acquisition	\$ 13,023
Appraisal, Negotiation, Escrow and Administration	\$ 0
Design and Administration	\$ 23,265
Road Vacations	\$ 2,250
<u>Contingency</u>	<u>\$ 5,090</u>
<b>TOTAL</b>	<b>\$ 43,628</b>

Revised Erosion Control Project Budget Resulting From Proposed Augmentation

Activity	Previous Budget	Proposed Augmentation	Proposed Budget
Property Acquisition	\$ 16,950	\$ 0	\$ 16,950
Appraisal, Negotiation, Escrow and Administration	\$ 21,632	\$ 3,265	\$ 24,897
Design and Administration	\$ 30,918	\$ 33,023	\$ 63,941
Road Vacations	\$ 0	\$ 2,250	\$ 2,250
Contingency	\$ 8,710	\$ 5,090	\$ 13,800
<b>TOTAL</b>	<b>\$ 78,210</b>	<b>\$ 43,628</b>	<b>\$ 121,838</b>

**California Environmental Quality Act (CEQA) Compliance:** EDOT, acting as the Lead Agency, prepared an Initial Study (IS) and a Mitigated Negative Declaration (MND) for this project, which was certified by their board on March 21, 2006. EDOT filed a Notice of Determination with the State Clearinghouse on March 29, 2006. In October 2007 the County prepared an Addendum to the MND to comply with the California Environmental Quality Act (CEQA). The Addendum addressed modifications to the improvement designs. The Addendum determined that there were not substantial changes in the environmental effects of the project, that no new information of substantial importance has arisen, and that there has been no substantial change to the circumstances under which the project is being undertaken. The Addendum also determined that the mitigation measures in the adopted IS/MND remain the same. The October 2007 Addendum was certified by the El Dorado Board of Supervisors on November 27, 2007, and a Notice of Determination was filed on November 30, 2007. The Conservancy filed a Notice of Determination with the State Clearinghouse on May 31, 2006 in association with earlier related approvals of the project. A copy of the MND and Initial Study, as well as the Addendum, have been provided to the board under separate cover and are available for public review at the Conservancy office, 1061 Third Street, South Lake Tahoe, California 96150.

Staff has reviewed the earlier MND and the Addendum and believes that the improvements proposed have been adequately analyzed in these documents. Since the previous MND and Addendum prepared for this project were completed, there is no new information, or substantial changes to the proposed project, or changes to project implementation, which would involve any new significant effects not discussed or analyzed in the MND or Addendum. As a result, no new mitigation measures are needed to find that the project, as mitigated, would have no significant environmental impacts. A summary of the mitigation measures can be found in Appendix C of the MND.

Staff recommends that the Conservancy make the findings as set forth in the attached resolution and authorize the grant funding. If the board authorizes the funding, staff will file a Notice of Determination with the State Clearinghouse pursuant to Section 15096 of the State CEQA Guidelines. Attachment 6.2 contains the Conservancy's proposed Notice of Determination.

MAP 1 of 4

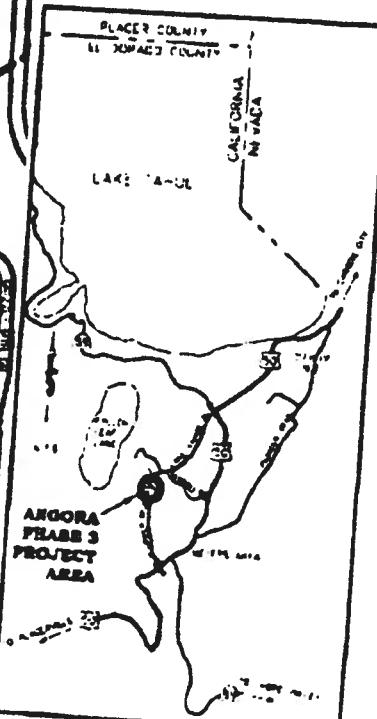
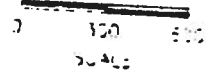
ANGORA CREEK  
WILDLIFE II  
IMPROVEMENT  
PROJECT  
APPROXIMATE  
AREA

ANGORA CREEK  
FISHERIES RESTORATION  
PROJECT

ANGORA 3  
EROSION CONTROL  
APPROXIMATE  
PROJECT AREA

NORTH UPPER  
TRUCKEE ROAD S.E.Z.  
IMPROVEMENT PROJECT  
APPROXIMATE AREA

PHASE 2B  
PHASE 3A



EL DORADO COUNTY  
SOUTH LAKE TAHOE CREEK



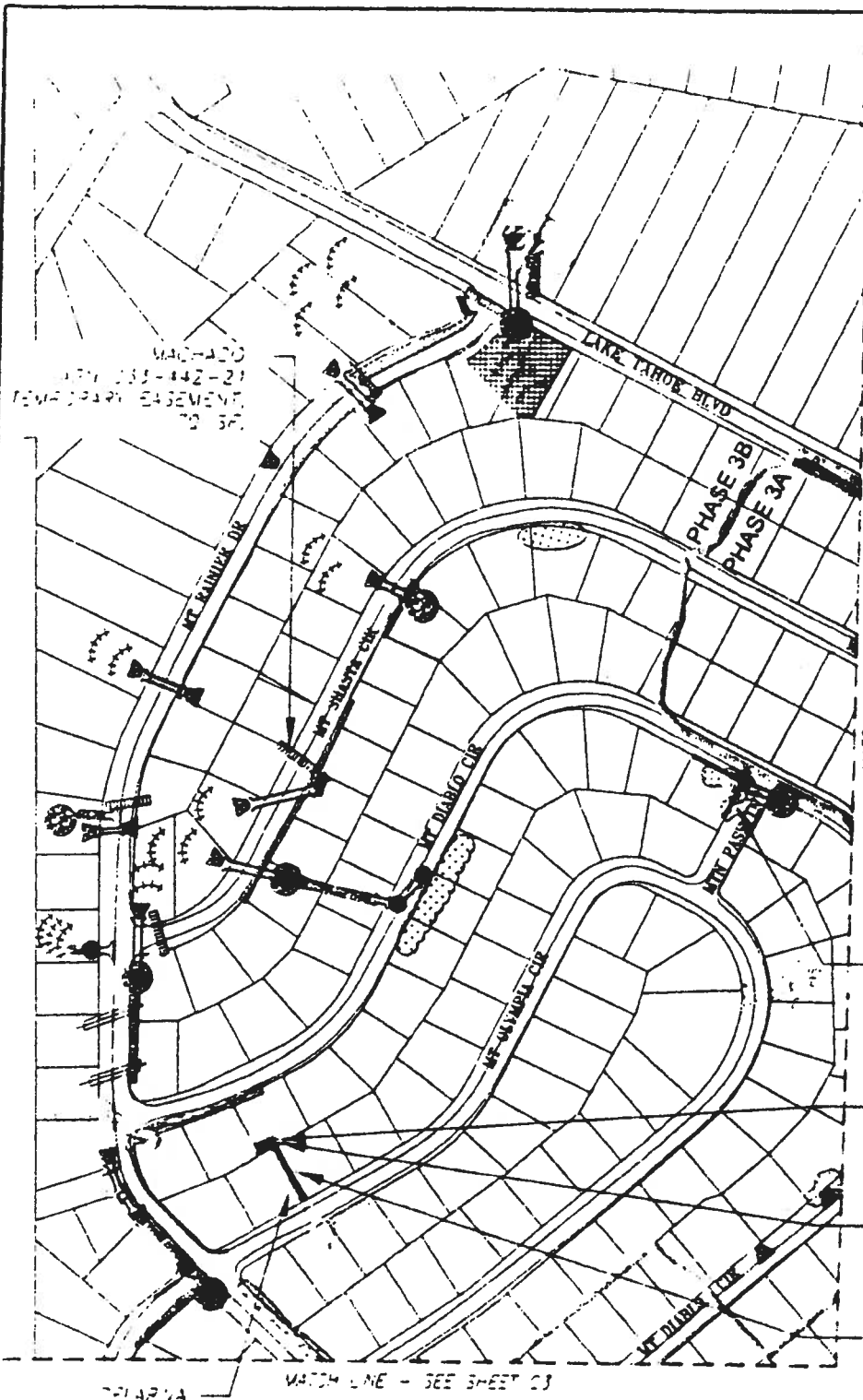
2007 AUGMENTATION FINAL APPLICATION  
to the 2005 CTC SI Grant Final Application  
ANGORA 3 EROSION CONTROL PROJECT  
Location Map

FIGURE REF

A-2

DATE	PROJECT NO.	SY	AD
7/08	05-000004	3Y	AD

# MAP 2 of 4



### LEGEND

- PROPOSED CURB OPENING
- PROPOSED BIOSPREADER
- PROPOSED ROCK SLOPE PROTECTION, INFILTRATION TRENCH
- PROPOSED SEGMENT BASIN
- PROPOSED ROCK LINED CHANNEL
- PROPOSED CURB & GUTTER
- PROPOSED SLOPE, SHOULDER REVEGETATION
- PROPOSED REMOVE FILL
- PROPOSED SEDIMENT TRAP
- PROPOSED DRAINAGE INLET
- PROPOSED POROUS PAVEMENT
- PROPOSED ROCK BOWL
- PROPOSED SOIL ENHANCEMENT
- PROPOSED REGRADE AND REVEGETATE CHANNEL
- PROPOSED VEGETATED/MULCHED CHANNEL
- PROPOSED CULVERT
- EXISTING CULVERTS
- PHASE LINE
- ROCK DISSIPATOR
- FRENCH DRAIN
- ZONE C EASEMENTS
- ANGORA 3A/3B 2008 EASEMENTS

NOTE: ALL SHADED FACILITIES REFLECT ZONE C, 2007 CONSTRUCTION

MATCH LINE - SEE SHEET C2

MATCH LINE - SEE SHEET C3

MACHADO  
APN 033-442-21  
TEMPORARY EASEMENT,  
20,500 SF

REBITZ  
APN 033-453-25  
TEMPORARY EASEMENT,  
1,000 SF

HALLAM  
APN 033-453-13  
TEMPORARY EASEMENT,  
353 SF

HALLAM  
APN 033-453-13  
PERMANENT EASEMENT,  
354 SF

LAPORTE & PETE  
APN 033-452-03  
EASEMENT, 550 SF

DELARIVA  
APN 033-452-02  
EASEMENT, 400 SF

NOTE: EXISTING CONDITIONS HAVE BEEN OMITTED FOR CLARITY

SCALE: 1"=300'

FL DORADO COUNTY  
SOUTHLAND TABLE TOPS



2007 AUGMENTATION FINAL APPLICATION  
to the 2005 CTC SI Grant Final Application  
ANGORA 3 EROSION CONTROL PROJECT  
Preferred Alternative - Solutions

FIGURE

C-1P

DATE: 2/4	PROJECT NO: 3510	BY: JTC
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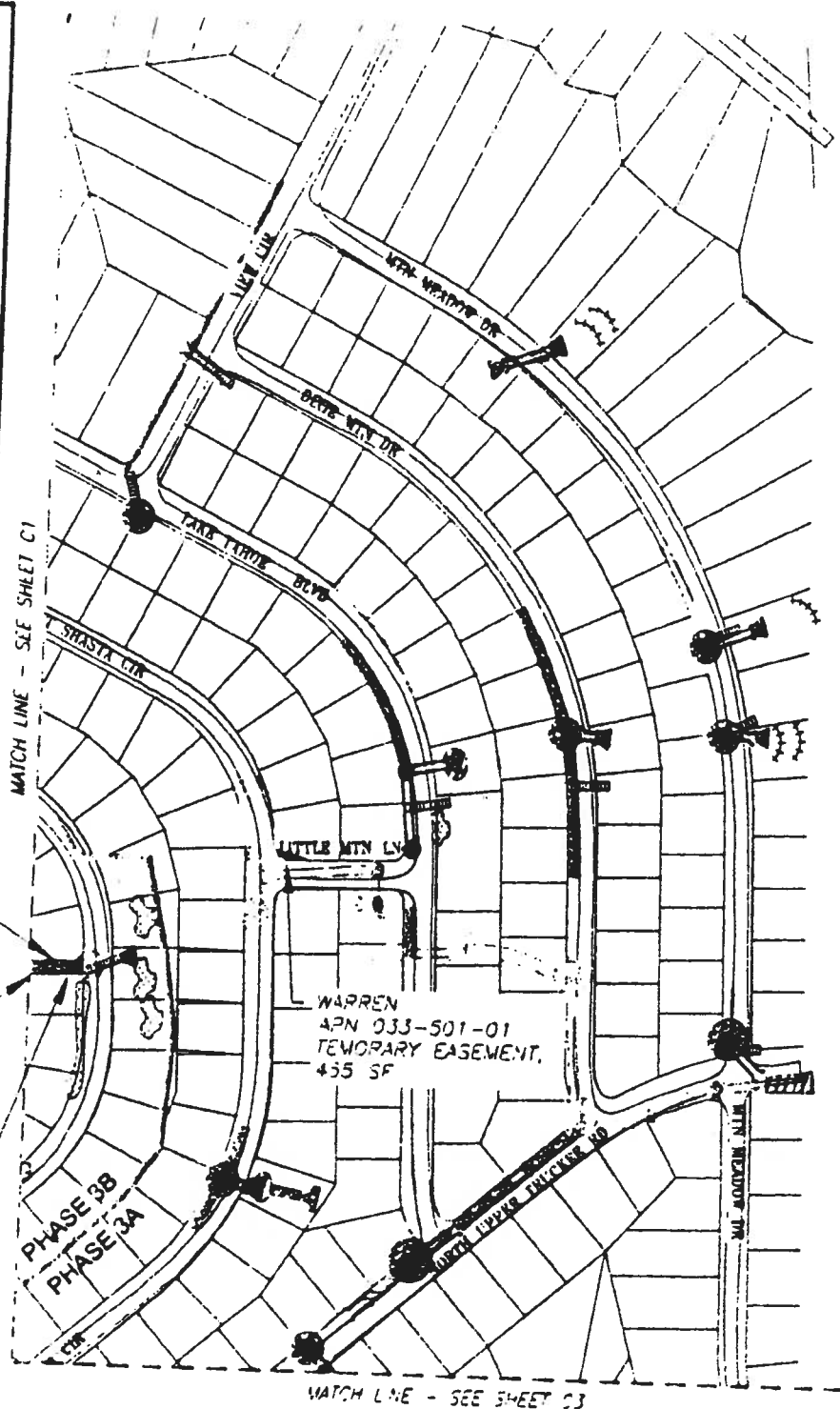
S:\GIS\Projects\2007\Angora3\MapDocs\Map2of4.dwg, 2/14/08 2:14:15 PM

# MAP 3 of 4

## LEGEND

- PROPOSED CURB OPENING
- PROPOSED ROCK SPREADER
- PROPOSED ROCK SLOPE PROTECTION, INFILTRATION FRENCH
- PROPOSED SEGMENT BASIN
- PROPOSED ROCK LINED CHANNEL
- PROPOSED CURB & GUTTER
- PROPOSED SLOPE, SHOULDER, VEGETATION
- PROPOSED REMOVE FILL
- PROPOSED SEGMENT TRAP
- PROPOSED DRAINAGE INLET
- PROPOSED POROUS PAVEMENT
- PROPOSED ROCK BOWL
- PROPOSED SOIL ENHANCEMENT
- PROPOSED RESPACE AND REVEGETATE CHANNEL
- PROPOSED VEGETATED/MULCHED CHANNEL
- PROPOSED CULVERT
- EXISTING CULVERTS
- PHASE LINE
- ROCK DISSIPATOR
- FRENCH DRAIN
- ZONE C EASEMENTS
- ANGORA 3A/3B 2008 EASEMENTS

NOTE: ALL SHADED FACILITIES REFLECT ZONE C, 2007 CONSTRUCTION



GAINOR  
APN 033-451-04  
EASEMENT, 375 SF

COPLIN/WALKER  
APN 033-451-05  
TEMPORARY EASEMENT,  
1720 SF

COPLIN/WALKER  
APN 033-451-05  
PERMANENT EASEMENT,  
540 SF

WARREN  
APN 033-501-01  
TEMPORARY EASEMENT,  
455 SF

PHASE 3B  
PHASE 3A

SCALE 1"=300'

NOTE: EXISTING CONDITIONS HAVE BEEN OMITTED FOR CLARITY

EL DORADO COUNTY  
NORTH LAKE PARK DISTRICT



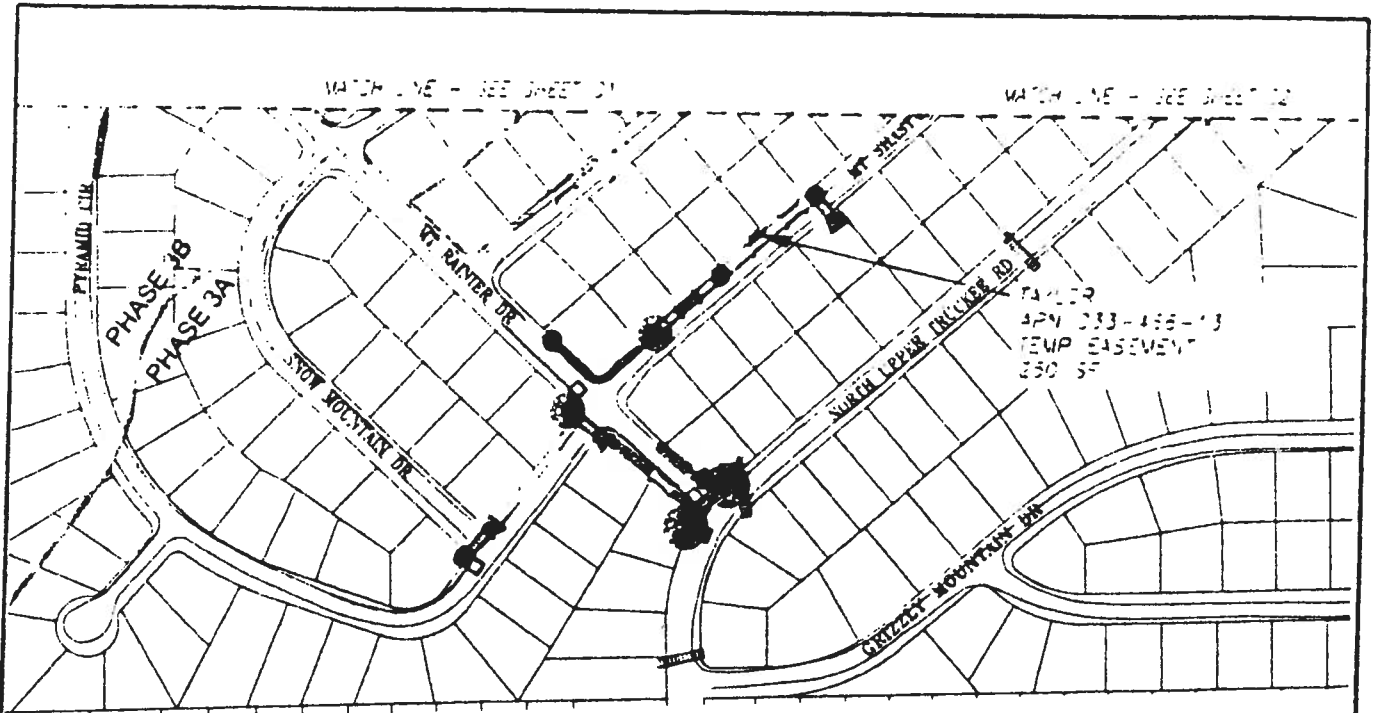
2007 AUGMENTATION FINAL APPLICATION  
to the 2005 CTC SI Grant Final Application  
ANGORA 3 EROSION CONTROL PROJECT  
Preferred Alternative - Solutions

FIGURE

C-2P

DATE: 12/07 PROJECT NO. 0510 BY JTC

# MAP 4 of 4



## LEGEND

	PROPOSED CURB OPENING		PROPOSED VEGETATED/MULCHED CHANNEL
	PROPOSED BIOSPREADER		PROPOSED CULVERT
	PROPOSED ROCK SLOPE PROTECTION/INFILTRATION TRENCH		EXISTING CULVERTS
	PROPOSED SEDIMENT BASIN		PHASE LINE
	PROPOSED ROCK LINED CHANNEL		ROCK DISSIPATOR
	PROPOSED CURB & GUTTER		FRENCH DRAIN
	PROPOSED SLOPE/SHOULDER REVEGETATION		ZONE C EASEMENTS
	PROPOSED REMOVE FILL		ANGORA 2A/2B 2008 EASEMENTS
	PROPOSED SEDIMENT TRAP		
	PROPOSED DRAINAGE MST		
	PROPOSED POROUS PAVEMENT		
	PROPOSED ROCK SCUM		
	PROPOSED SOIL ENHANCEMENT		
	PROPOSED RETRACE AND REVEGETATE CHANNEL		

NOTE: ALL SHADED FACILITIES REFLECT ZONE C, 2007 CONSTRUCTION

NOTE: ALL SHADED FACILITIES REFLECT ZONE C, 2007 CONSTRUCTION

NOTE: EXISTING CONDITIONS HAVE BEEN OMITTED FOR CLARITY

SCALE: 1"=300'

EL DORADO COUNTY  
SUTTER LAKE FLOOD CONTROL DISTRICT



2007 AUGMENTATION FINAL APPLICATION  
to the 2005 CTC SI Grant Final Application  
ANGORA 3 EROSION CONTROL PROJECT  
Preferred Alternative - Solutions

FIGURE  
**C-3P**

DATE: 12-4	PROJECT NO: 4510	BY: JTC
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ATTACHMENT 5

CONSERVANCY PARCELS PROPOSED FOR LICENSE AGREEMENTS  
ASSOCIATED WITH SOIL EROSION CONTROL PROJECT IMPROVEMENTS

El Dorado County

Angora 3 Erosion Control Project

APN	Proposed Improvement
033-441-22	Revegetation
033-442-17	Pipe, flared end, rock dissipater, grass lined swale, flow spreading, tree removal, revegetation
033-442-22	Pipe, flared end, rock dissipater, grass lined swale, flow spreading
033-442-24	Pipe, flared end, rock dissipater, grass lined swale, flow spreading, revegetation
033-443-02	Pipe, flared end, rock lined channel, rock dissipater, rock bowl, revegetation
033-443-03	Rock slope protection, revegetation
033-454-10	Rock lined channel, revegetation, tree and stump removal
033-455-05	Rock lined channel, rock dissipater, flow spreading, revegetation, rehabilitate existing channel
033-485-06	Flow spreading, revegetation
033-503-02	Rock bowl, revegetation
033-511-02	Revegetation
033-552-06	Grading, revegetation





## ATTACHMENT 4.2

### ANGORA 3 EROSION CONTROL PROJECT

**Grant Type:** Site Improvement Grant and Acquisition Grant (Augmentations)

**Applicant:** El Dorado County

**Recommended Funding:**

Site Improvement Augmentation	\$ 1,647,024
Acquisition Augmentation	\$ 43,628

**Location:** This project is located near the community of Meyers in El Dorado County and is generally bounded by Mt. Rainier Drive and Pyramid Circle on the west, Mountain Meadow Drive on the east, North Upper Truckee Road on the south and Lake Tahoe Boulevard, View Circle and Angora Creek on the north as shown on the attached map.

**Background:** Planning for this project, which is designated as Environmental Improvement Program Project #193, was initiated in 2000. A site improvement and acquisition grant was awarded by the Conservancy in May 2006. The first phase of the project was originally scheduled to be constructed in 2006; however, various design, project delivery, and funding issues delayed the project a year. In June 2007, the Angora Fire destroyed various homes and burned numerous trees and vegetation in a large portion of the project area. El Dorado County Department of Transportation (EDOT), with assistance from Conservancy staff, developed a rehabilitation project in the area to address effects from the fire, and constructed several of the designed elements of the Angora 3 Project. Funds from the earlier Conservancy grants were used to construct this rehabilitation project. Due to impacts from the fire, EDOT has had to perform additional design assessments of the area and modify portions of the project remaining to be constructed.

The Conservancy has provided \$539,300 in funding for planning and \$2,606,360 for implementation and acquisition of easements for the project. TRPA Air and Water Quality Mitigation Funds have provided \$374,497 for the project's planning and construction. The Air Quality Mitigation Funds will cover bike lane construction. The funding requested in this grant application covers project construction as well as additional funding for the acquisition of easements for improvements.

**Proposed Improvements and Expected Benefits:** The preferred alternative involves stabilizing existing sediment sources, capturing road sand and cinders, treating and infiltrating storm water runoff and snowmelt, and completing the bike lane along Lake Tahoe Boulevard and is shown on the following maps 2 through 4. As discussed above, some improvements have already been constructed as part of the Angora Fire rehabilitation efforts.

Stabilization of slopes will be accomplished through the use of revegetation. Various methods of flow spreading will be used at slopes downstream of some culvert outlets to slow flow, reduce erosion, and increase infiltration and sediment capture using the adjacent publicly-owned meadow areas. EDOT plans to salvage native wetland sod from Conservancy-owned parcels in this area and transplant it to stabilize new channels. By using vegetated swales for most of the proposed drainage conveyances, increased infiltration and sediment capture prior to discharge into Angora Creek can be accomplished. Curb and gutter will be used in areas where there is a combination of either steep slopes, evidence of snowplow disruption, or eroding ditches. Sediment traps and drop inlets will be used at culvert inlets to trap coarse sediment and traction abrasives. Currently, a bike lane exists at the project boundaries on North Upper Truckee Road and on Lake Tahoe Boulevard; however, these two sections are not connected. By incorporating a class 2 bike lane or class 3 bike route along Lake Tahoe Boulevard into this erosion control project, there will be only a small section of bike lane necessary to provide a bike lane that runs from Highway 50 to Clear View Drive. This remaining link is proposed to be included in a future project involving the stream environment zone adjacent to North Upper Truckee Road.

Five permanent drainage easements and six temporary easements are included in the acquisition grant. Many of the easements have already been obtained or negotiated. Should the owners of the remaining easements be unwilling to grant an easement to EDOT, the project can still continue with minor redesign efforts and little to no impacts to the project's goals and objectives.

EDOT plans to use publicly-owned parcels for a number of the water quality improvements, including flow spreaders, rock bowls, culverts, and vegetated channels. Sod will be salvaged from some of the parcels for use on this project. If the board approves this recommendation, staff proposes to grant licenses to construct and maintain improvements on these parcels. Attachment 5 lists additional Conservancy parcels EDOT proposes to use for improvements.

**Project Schedule:**

<u>Activity</u>	<u>Date</u>
Final Plans, Specifications and Permits	March 2008
Begin Construction	July 2008
End Construction	October 2008
Final Monitoring Reports	December 2010

**Project Funding - Site Improvement Grant:**

**Project Budget Under This Erosion Control Grant Augmentation**

<u>Activity</u>	<u>Amount</u>
Construction	\$ 1,092,367
Construction Engineering	\$ 365,000
Contingency	\$ 189,657
<b>TOTAL</b>	<b>\$ 1,647,024</b>

**Revised Erosion Control Project Budget Resulting From Proposed Augmentation**

<u>Activity</u>	<u>Previous Budget</u>	<u>Proposed Augmentation</u>	<u>Proposed Budget</u>
Construction	\$ 1,621,160	\$ 1,092,367	\$ 2,713,527
Construction Engineering	\$ 260,000	\$ 365,000	\$ 625,000
Design and Administration	\$ 499,490	\$ 0	\$ 499,490
Irrigation and Plants	\$ 90,000	\$ 0	\$ 90,000
Monitoring	\$ 57,500	\$ 0	\$ 57,500
Contingency	\$ 0	\$ 189,657	\$ 189,657
<b>TOTAL</b>	<b>\$ 2,528,150</b>	<b>\$ 1,647,024</b>	<b>\$ 4,175,174</b>

**Project Funding - Acquisition Grant:**

**Project Budget Under This Erosion Control Grant Augmentation**

<u>Activity</u>	<u>Amount</u>
Property Acquisition	\$ 13,023
Appraisal, Negotiation, Escrow and Administration	\$ 0
Design and Administration	\$ 23,265
Road Vacations	\$ 2,250
Contingency	\$ 5,090
<b>TOTAL</b>	<b>\$ 43,628</b>

Revised Erosion Control Project Budget Resulting From Proposed Augmentation

Activity	Previous Budget	Proposed Augmentation	Proposed Budget
Property Acquisition	\$ 16,950	\$ 0	\$ 16,950
Appraisal, Negotiation, Escrow and Administration	\$ 21,632	\$ 3,265	\$ 24,897
Design and Administration	\$ 30,918	\$ 33,023	\$ 63,941
Road Vacations	\$ 0	\$ 2,250	\$ 2,250
Contingency	\$ 8,710	\$ 5,090	\$ 13,800
<b>TOTAL</b>	<b>\$ 78,210</b>	<b>\$ 43,628</b>	<b>\$ 121,838</b>

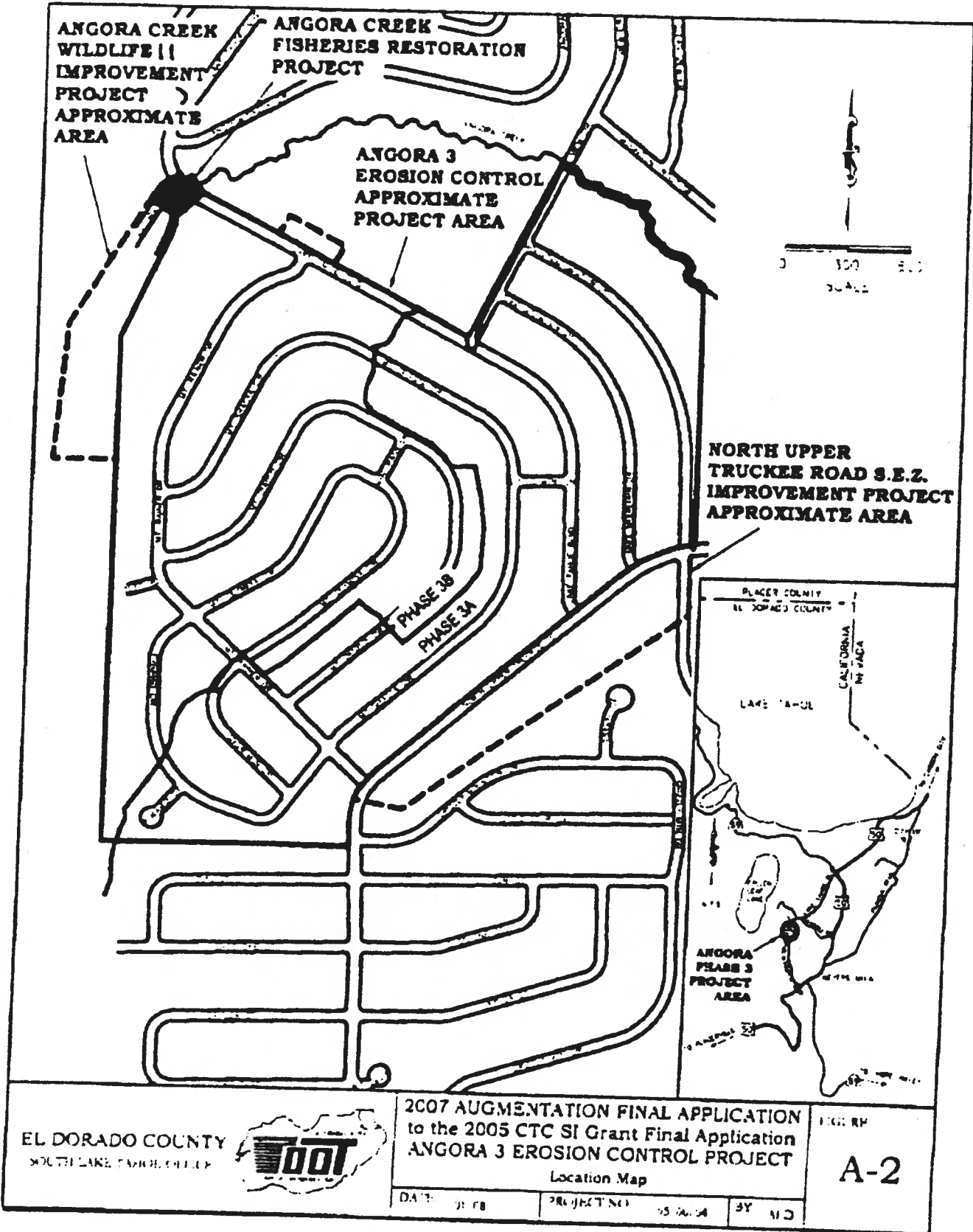
**California Environmental Quality Act (CEQA) Compliance:** EDOT, acting as the Lead Agency, prepared an Initial Study (IS) and a Mitigated Negative Declaration (MND) for this project, which was certified by their board on March 21, 2006. EDOT filed a Notice of Determination with the State Clearinghouse on March 29, 2006. In October 2007 the County prepared an Addendum to the MND to comply with the California Environmental Quality Act (CEQA). The Addendum addressed modifications to the improvement designs. The Addendum determined that there were not substantial changes in the environmental effects of the project, that no new information of substantial importance has arisen, and that there has been no substantial change to the circumstances under which the project is being undertaken. The Addendum also determined that the mitigation measures in the adopted IS/MND remain the same. The October 2007 Addendum was certified by the El Dorado Board of Supervisors on November 27, 2007, and a Notice of Determination was filed on November 30, 2007. The Conservancy filed a Notice of Determination with the State Clearinghouse on May 31, 2006 in association with earlier related approvals of the project. A copy of the MND and Initial Study, as well as the Addendum, have been provided to the board under separate cover and are available for public review at the Conservancy office, 1061 Third Street, South Lake Tahoe, California 96150.

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Staff recommends that the Conservancy make the findings as set forth in the attached resolution and authorize the grant funding. If the board authorizes the funding, staff will file a Notice of Determination with the State Clearinghouse pursuant to Section 15096 of the State CEQA Guidelines. Attachment 6.2 contains the Conservancy's proposed Notice of Determination.



MAP 1 of 4



Project: 2007 Augmentation Final Application to the 2005 CTC SI Grant Final Application  
 Date: 01/08  
 Project No: 05-04-04  
 BY: JLD

EL DORADO COUNTY  
SOUTH LAKE TAHOE OFFICE



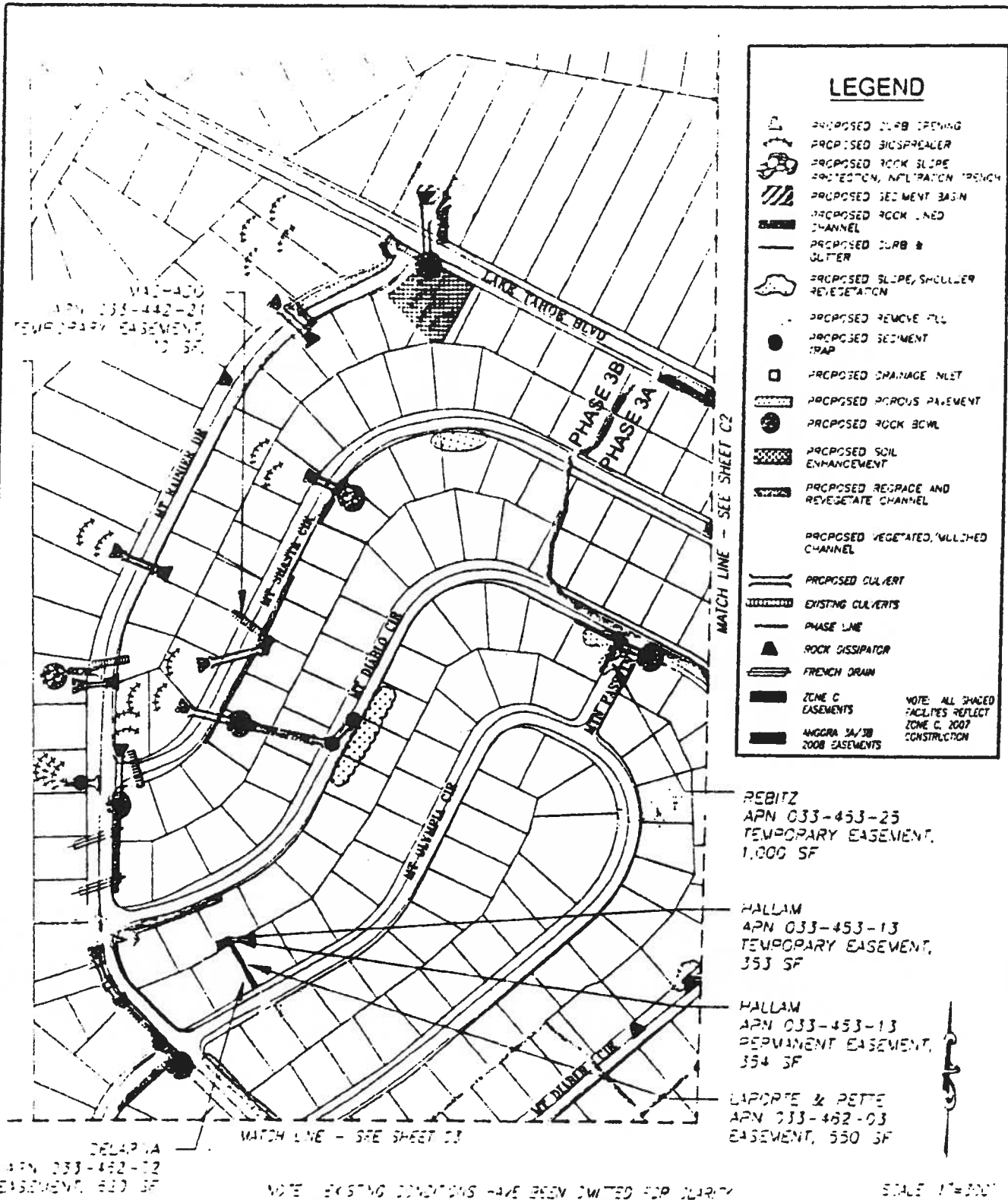
2007 AUGMENTATION FINAL APPLICATION  
to the 2005 CTC SI Grant Final Application  
ANGORA 3 EROSION CONTROL PROJECT  
Location Map

FIGURE  
A-2

DATE: 01/08	PROJECT NO: 05-04-04	BY: JLD
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MAP 2 of 4



LEGEND	
	PROPOSED CURB OPENING
	PROPOSED BIOSPREADER
	PROPOSED ROCK SLOPE PROTECTION, INFILTRATION TRENCH
	PROPOSED SEGMENT BASIN
	PROPOSED ROCK LINED CHANNEL
	PROPOSED CURB & GUTTER
	PROPOSED SLOPE, SHOULDER REVEGETATION
	PROPOSED REMOVE FILL
	PROPOSED SEDIMENT TRAP
	PROPOSED DRAINAGE INLET
	PROPOSED POROUS PAVEMENT
	PROPOSED ROCK BOWL
	PROPOSED SOIL ENHANCEMENT
	PROPOSED REGRADE AND REVEGETATE CHANNEL
	PROPOSED VEGETATED, MULCHED CHANNEL
	PROPOSED CULVERT
	EXISTING CULVERTS
	PHASE LINE
	ROCK DISSIPATOR
	FRENCH DRAIN
	ZONE C EASEMENTS
	ANGORA 3A/3B 2008 EASEMENTS
NOTE: ALL SHADDED FACILITIES REFLECT ZONE C, 2007 CONSTRUCTION	

REBITZ  
APN 033-453-25  
TEMPORARY EASEMENT,  
1,000 SF

HALLAM  
APN 033-453-13  
TEMPORARY EASEMENT,  
353 SF

HALLAM  
APN 033-453-13  
PERMANENT EASEMENT,  
354 SF

LAPORTE & PETTE  
APN 033-462-03  
EASEMENT, 550 SF

DELAPRA  
APN 033-462-02  
EASEMENT, 610 SF

NOTE: EXISTING CONDITIONS HAVE BEEN OMITTED FOR CLARITY

SCALE: 1"=50'

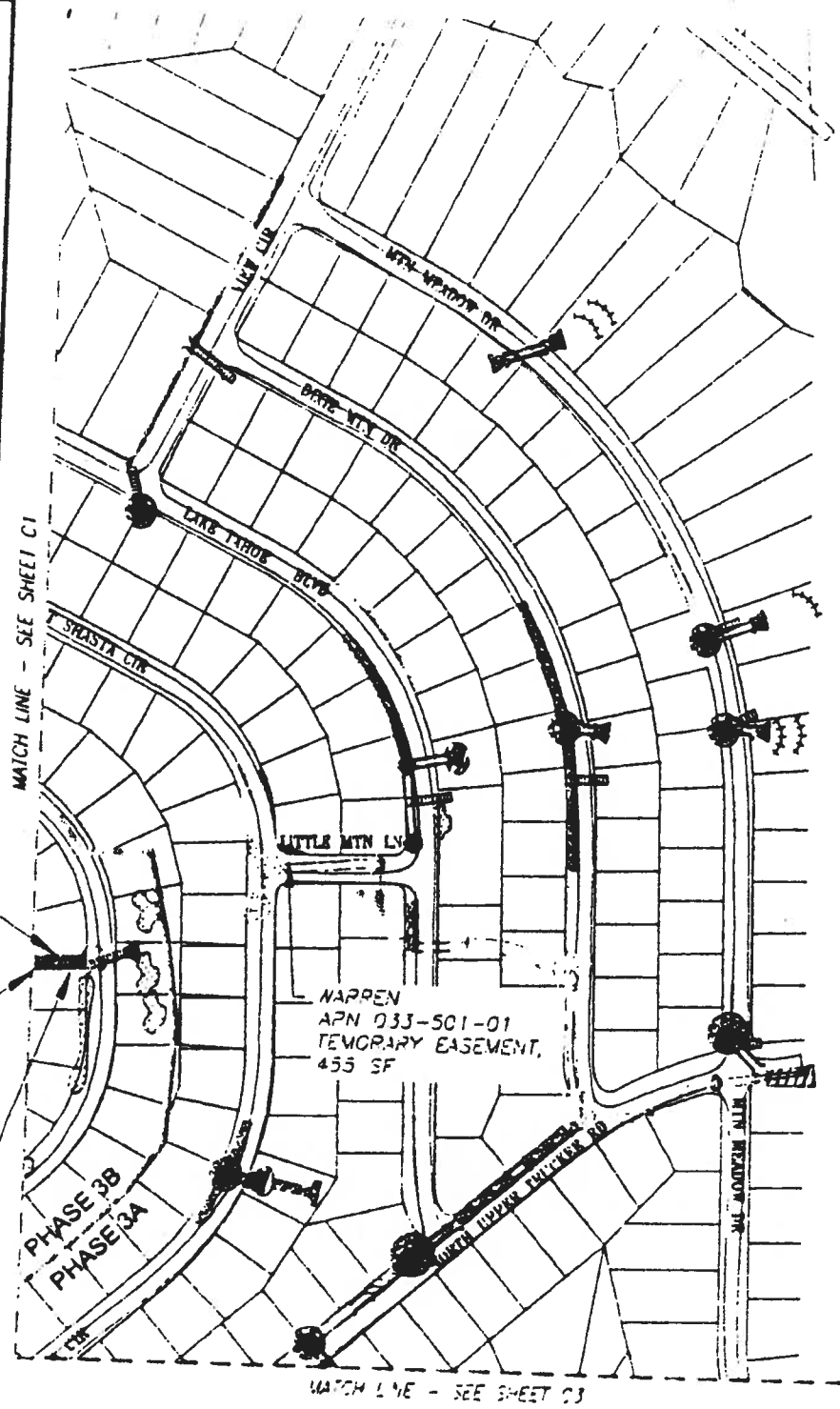
EL DORADO COUNTY PUBLIC WORKS DEPARTMENT 	2007 AUGMENTATION FINAL APPLICATION to the 2005 CTC SI Grant Final Application ANGORA 3 EROSION CONTROL PROJECT Preferred Alternative - Solutions		FIGURE <b>C-1P</b>
	DATE: 12/4	PROJECT NO: 051-0	BY: JTC

# MAP 3 of 4

## LEGEND

- PROPOSED CURB OPENING
- PROPOSED SUMP
- PROPOSED ROCK SLOPE PROTECTION, VEGETATION, TRENCH
- PROPOSED SEDIMENT BASIN
- PROPOSED ROCK LINED CHANNEL
- PROPOSED CURB & GUTTER
- PROPOSED SLOPE SHOULDER REVEGETATION
- PROPOSED REMOVE FILL
- PROPOSED SEDIMENT TRAP
- PROPOSED DRAINAGE INLET
- PROPOSED POROUS PAVEMENT
- PROPOSED ROCK BOWL
- PROPOSED SOIL ENHANCEMENT
- PROPOSED REGRADE AND REVEGETATE CHANNEL
- PROPOSED VEGETATED/MULCHED CHANNEL
- PROPOSED CULVERT
- EXISTING CULVERTS
- PHASE LINE
- ROCK DISSIPATOR
- FRENCH DRAIN
- ZONE C EASEMENTS
- ANGORA 3/28 2008 EASEMENTS

NOTE: ALL SHADDED FACILITIES REFLECT ZONE C, 2007 CONSTRUCTION



GAINOR  
APN 033-451-04  
EASEMENT, 876 SF

COPLEN, WALKER  
APN 033-451-05  
TEMPORARY EASEMENT,  
1720 SF

COPLEN, WALKER  
APN 033-451-05  
PERMANENT EASEMENT,  
640 SF

WARREN  
APN 033-501-01  
TEMPORARY EASEMENT,  
455 SF

SCALE: 1"=200'

NOTE: EXISTING CONDITIONS HAVE BEEN OMITTED FOR CLARITY

EL DORADO COUNTY  
SUTTERLAND ENGINEERS



2007 AUGMENTATION FINAL APPLICATION  
to the 2005 CTC SI Grant Final Application  
ANGORA 3 EROSION CONTROL PROJECT  
Preferred Alternative - Solutions

FIGURE

C-2P

DATE: 12/07	PROJECT NO: 151.0	BY: JTC
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ATTACHMENT 5

CONSERVANCY PARCELS PROPOSED FOR LICENSE AGREEMENTS  
ASSOCIATED WITH SOIL EROSION CONTROL PROJECT IMPROVEMENTS

El Dorado County

Angora 3 Erosion Control Project

APN	Proposed Improvement
033-441-22	Revegetation
033-442-17	Pipe, flared end, rock dissipater, grass lined swale, flow spreading, tree removal, revegetation
033-442-22	Pipe, flared end, rock dissipater, grass lined swale, flow spreading
033-442-24	Pipe, flared end, rock dissipater, grass lined swale, flow spreading, revegetation
033-443-02	Pipe, flared end, rock lined channel, rock dissipater, rock bowl, revegetation
033-443-03	Rock slope protection, revegetation
033-454-10	Rock lined channel, revegetation, tree and stump removal
033-455-05	Rock lined channel, rock dissipater, flow spreading, revegetation, rehabilitate existing channel
033-485-06	Flow spreading, revegetation
033-503-02	Rock bowl, revegetation
033-511-02	Revegetation
033-552-06	Grading, revegetation