

# MEMORANDUM

## DEPARTMENT OF PUBLIC WORKS

County of Placer

TO: BOARD OF SUPERVISORS DATE: June 8, 2010

FROM: <sup>JKD</sup> KEN GREHM / PETER KRAATZ

SUBJECT: **APPROVAL OF FILING CLEAN WATER STATE REVOLVING FUND  
NONPOINT SOURCE APPLICATIONS FOR FIVE WATER QUALITY  
IMPROVEMENT PROJECTS, NORTH LAKE TAHOE**

---

### **ACTION REQUESTED / RECOMMENDATION**

Adopt a Resolution authorizing the filing of Clean Water State Revolving Fund Nonpoint Source applications with the State of California Water Resources Control Board in the amount of \$3,000,000 for the Coon Clean Water Pipe Project; \$2,600,000 for the Bear Watershed Improvements Project; \$550,000 for the Brockway Erosion Control Project – Construction; \$500,000 for the Griff Creek Improvements Project and \$750,000 for the Lake Forest Erosion Control Project – Area B (Lake Forest/Panorama) and authorizing the Director of Public Works to execute all documents related to the grants.

### **BACKGROUND / SUMMARY**

#### Coon Clean Water Pipe Project

The proposed Coon Clean water pipe is the crucial second phase of Placer County's overall watershed drainage improvement master plan for the Kings Beach area, a Disadvantaged Community. In 2009 Placer County attained ARRA funding for the Fox Clean Water Pipe project, which this Project proposes to tie into and augment the water quality benefits of the Fox Clean Water Pipe Project. The Coon Clean Water Pipe project will capture, treat and convey stormwater runoff via County right-of-ways and/or easements to Lake Tahoe. The runoff will be treated to remove items such as sediment, road sand, and nutrients prior to being discharged to Lake Tahoe. The Coon Clean Water Pipe project will capture storm water runoff, convey this runoff to a water quality treatment basin for treatment, and then convey the treated water to a junction box located at Salmon Avenue and Coon Street, which is to be constructed as part of the Fox Clean Water Pipe system which then outlets to Lake Tahoe.

#### Bear Watershed Improvements Project

The proposed Bear Watershed Improvement Project is the third phase of Placer County's overall watershed drainage improvement master plan for the Kings Beach area, a Disadvantaged Community. The Project will capture, treat and convey stormwater runoff via existing and proposed storm drainage systems within the County right-of-ways to Lake Tahoe. The runoff will be treated to remove items such as sediment, road sand, and nutrients prior to being discharged to Lake Tahoe. Placer County has undertaken a major planning, design and implementation effort within the Kings Beach area. These efforts were initiated in 2001 and have included existing conditions analysis, restoration alternatives, 25% and 50% design efforts and environmental clearance. Placer County is in the final stages of design and planning process and seeking funding for these final steps, along with construction of these

improvements, to improve storm drainage and water quality within this disadvantaged community.

Brockway Erosion Control Project - Construction

The Brockway Erosion Control Project intends to reduce pollutant loading to the main receiving water of Lake Tahoe. Funds will be used to support construction of the project since all permits, environmental, and design has been completed. In short the project uses infiltration of storm water to trap and treat pollutants. The infiltration helps reduce the overall runoff flows thereby allowing conveyance systems to be installed that prevent uncontrolled runoff reducing erosion.

Griff Creek Improvements Project

The Griff Creek Improvements Project has undergone significant changes due to the surrounding development. These changes have been detrimental over time. This project proposed in address the changes through a reduction of flows in Griff Creek and some restoration and stabilization of the creek. Storm water will be treated and allowed to infiltrate where possible. The stabilization will prevent erosion and provide a healthier habitat for wildlife.

Lake Forest Erosion Control Project – Area B (Lake Forest/Panorama)

The Lake Forest Erosion Control Project – Area B (Lake Forest/Panorama) is located on the north shore of Lake Tahoe approximately three miles east from Tahoe City.

The Lake Forest/Panorama area is comprised of industrial, commercial, and residential intermixed with stream environment zones and various recreation areas on the shore of Lake Tahoe. This project will restore approximately six acres of stream environment zone and wildlife habitat, improve existing roadside drainage and provide treatment for stormwater runoff within the project limits. These proposed improvements will minimize or eliminate the erosive stormwater flows; hazardous material contamination impacts to the SEZ from the industrial area; reduce the load of fine sediment, nutrients, and other pollutants of concern to Lake Tahoe; and ultimately enhance environmental and recreational resources within the community.

**ENVIRONMENTAL**

This action is the filing of a grant application and is not a project as defined by the California Environmental Quality Act (CEQA).

**FISCAL IMPACT**

There is no fiscal impact to the county when applying for grant funds. Pursuing these grant funds represents an opportunity to make progress on these various water quality improvement projects. Should grants be awarded, modifications to the Department's fiscal budget will be adjusted at that time as appropriate.

**Attachments:**

Resolution

Location Maps

**Before the Board of Supervisors  
County of Placer, State of California**

In the matter of: A RESOLUTION APPROVING THE FILING OF FIVE CLEAN WATER STATE REVOLVING FUND NONPOINT SOURCE APPLICATIONS WITH THE STATE OF CALIFORNIA WATER RESOURCES BOARD AND AUTHORIZING THE DIRECTOR OF PUBLIC WORKS, OR HIS DESIGNEE, TO EXECUTE ALL DOCUMENTS RELATING TO THE GRANTS.

Resol. No:.....

Ord. No:.....

First Reading:.....

The following RESOLUTION was duly passed by the Board of Supervisors

of the County of Placer at a regular meeting held \_\_\_\_\_,

by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

ATTEST:  
Clerk of said Board

\_\_\_\_\_  
Chairman, Board of Supervisors

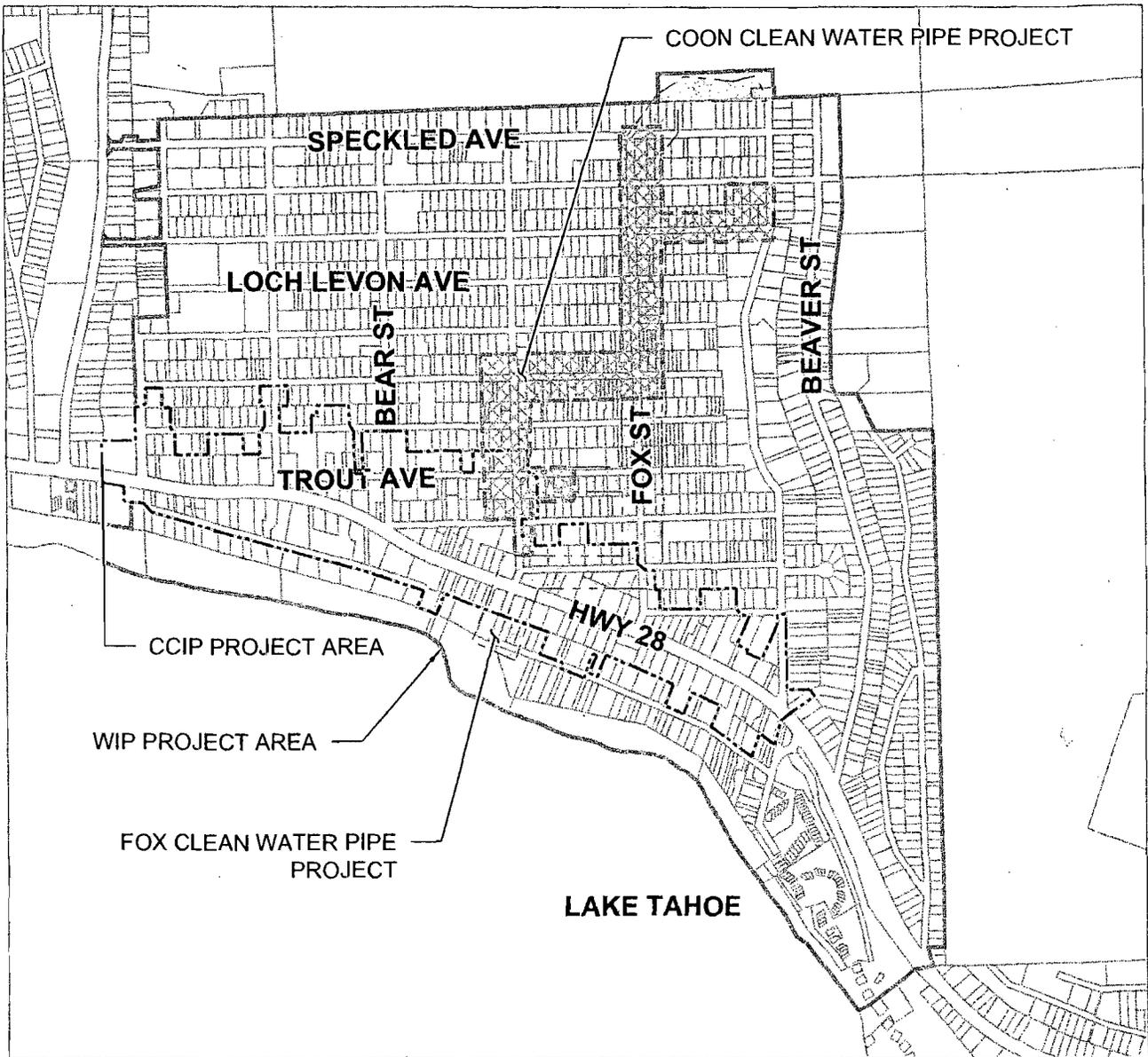
\_\_\_\_\_  
\_\_\_\_\_  
**BE IT RESOLVED** by the Placer County Board of Supervisors that the Director of Public Works is hereby authorized and directed to sign and file, for and on behalf of the County of Placer, a Financial Assistance Application for a financing agreement from the State Water Resources Control Board for the planning, design, and construction of Coon Clean Water Pipe Project; and

**BE IT RESOLVED** that the County of Placer hereby agrees and further does authorize the aforementioned representative or his/her designee to certify that the Agency has and will comply with all applicable state and federal statutory and regulatory requirements related to any financing or financial assistance received from the State Water Resources Control Board; and

BE IT FURTHER RESOLVED that the Director of Public Works or his/her designee of the County of Placer is hereby authorized to negotiate and execute a financial assistance agreement from the State Water Resources Control Board and any amendments or change orders thereto and certify financing agreement disbursements on behalf of the County of Placer.

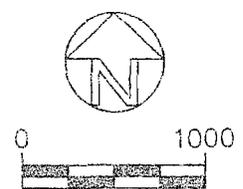
262

# KINGS BEACH PLACER COUNTY, CA



**LEGEND**

	PHASE I - FOX CLEAN WATER PIPE PROJECT
	PHASE II - COON CLEAN WATER PIPE PROJECT



SCALE: 1" = 1000'



PLACER COUNTY  
DEPARTMENT OF PUBLIC WORKS

## KINGS BEACH WATER QUALITY IMPROVEMENT PROJECT

PROJECT MAP

FIGURE

1

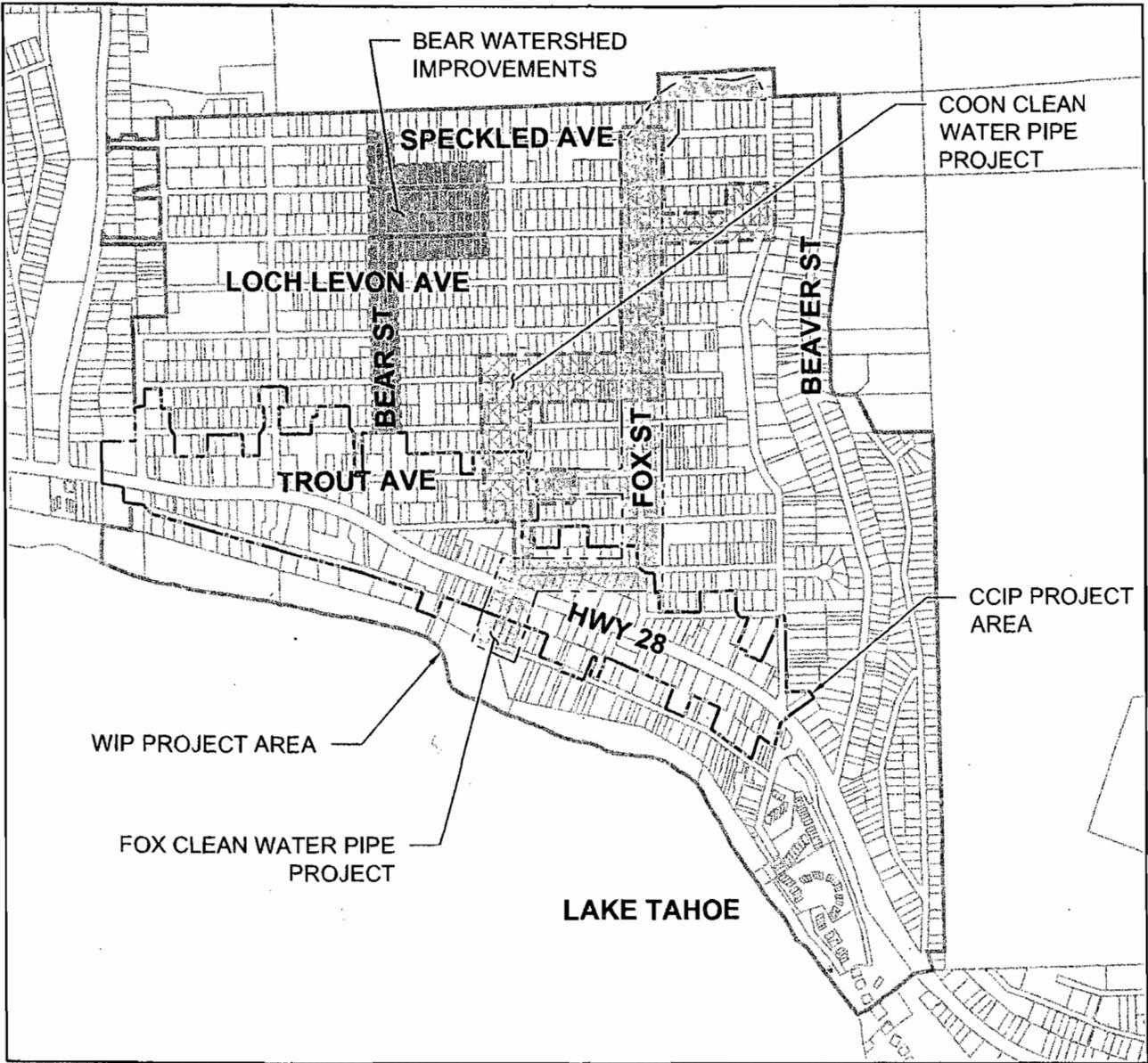
DATE: 02/10

PROJECT NO.: 3128705

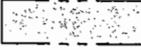
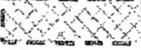
BY: CMD

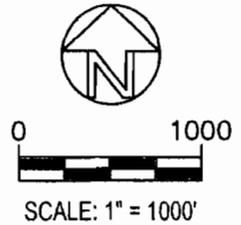
*263*

# KINGS BEACH PLACER COUNTY, CA



## LEGEND

-  FOX CLEAN WATER PIPE PROJECT
-  COON CLEAN WATER PIPE PROJECT
-  BEAR WATERSHED IMPROVEMENTS



PLACER COUNTY  
DEPARTMENT OF PUBLIC WORKS

## KINGS BEACH WATER QUALITY IMPROVEMENT PROJECT

PROJECT MAP

FIGURE

1

DATE: 02/10

PROJECT NO.: 3128705

BY: CMD

264

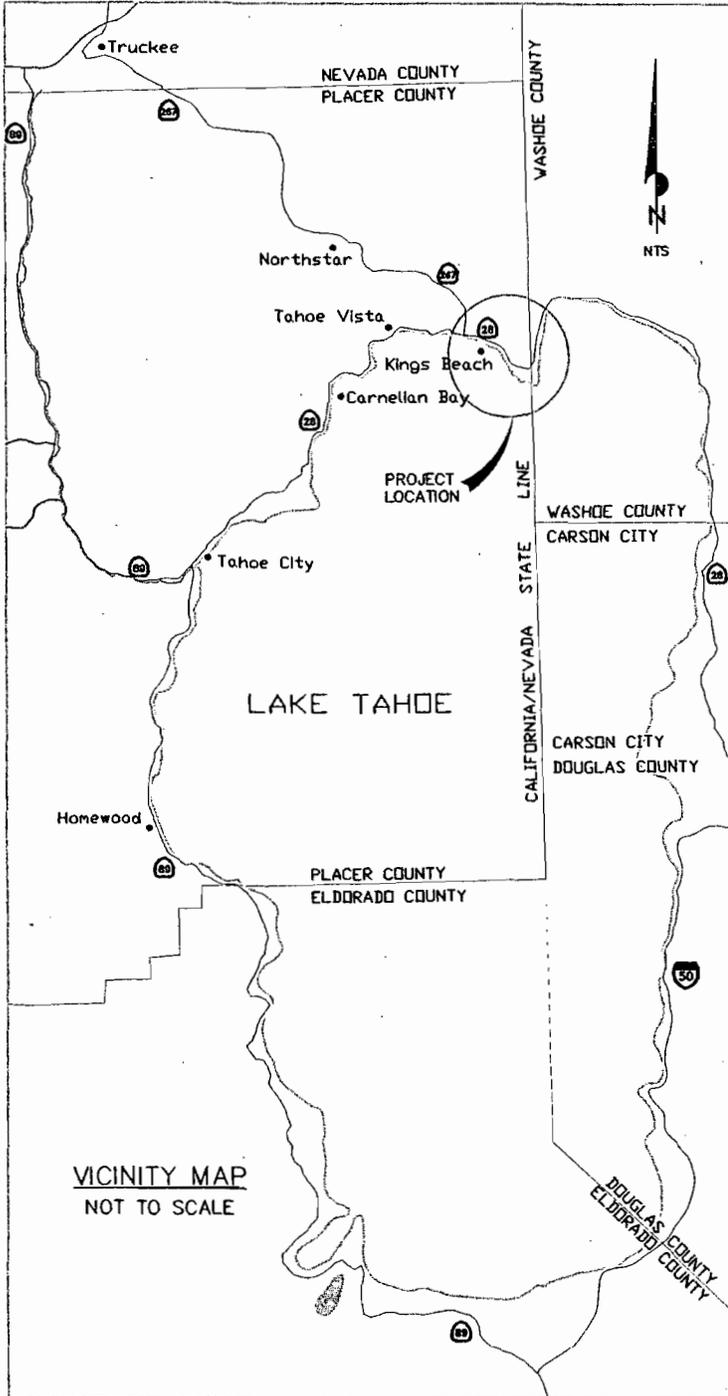
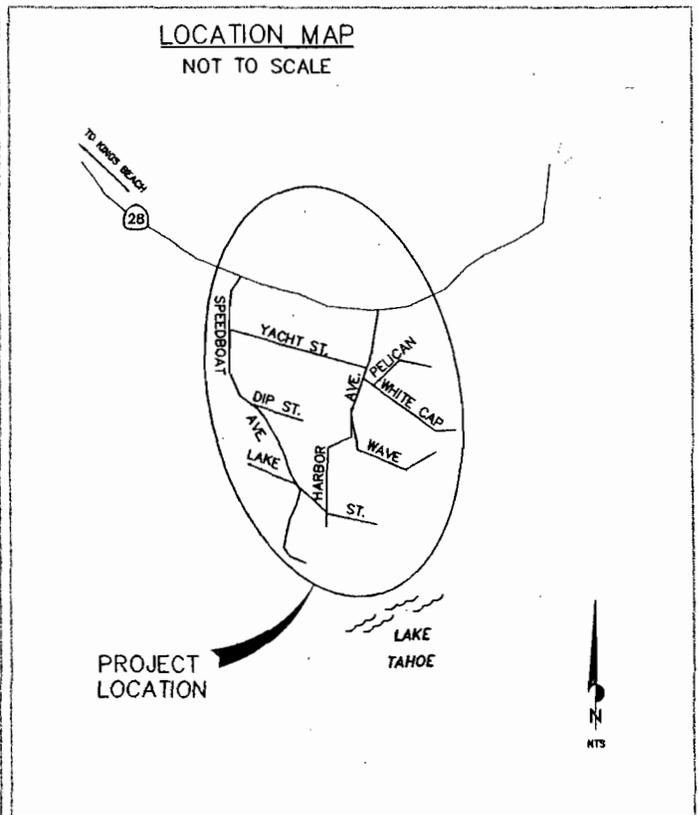


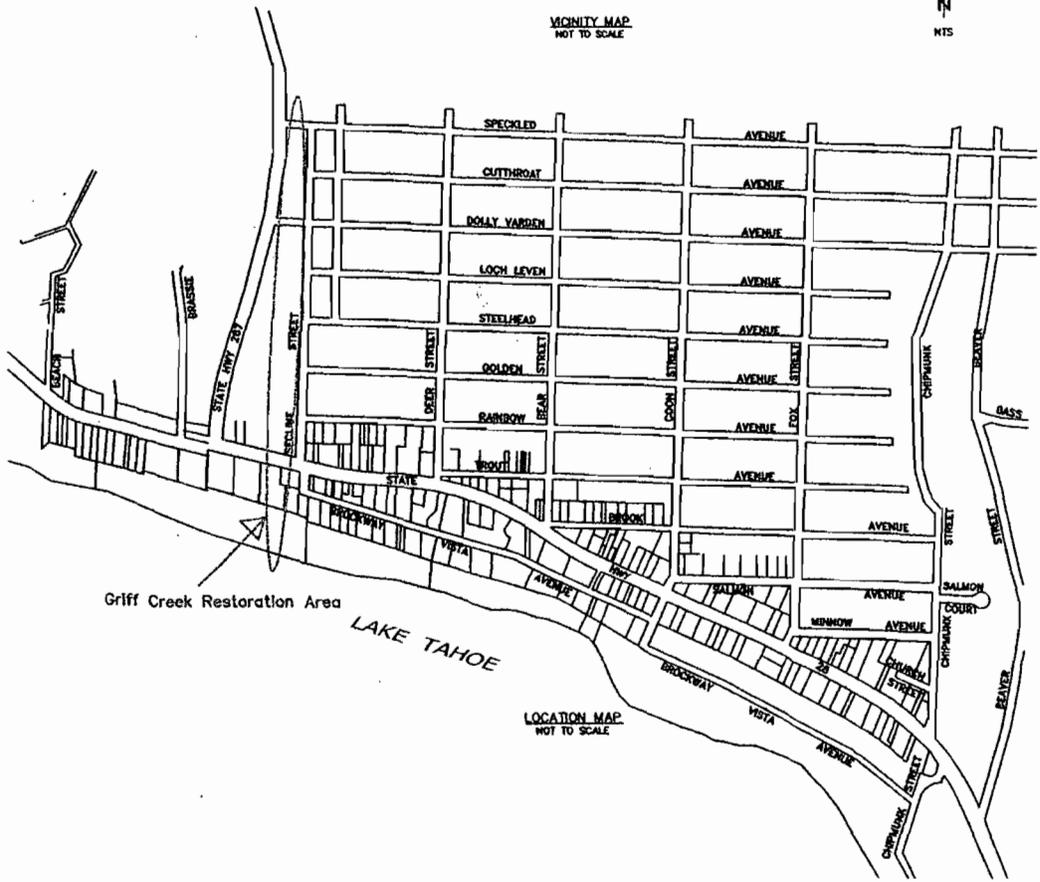
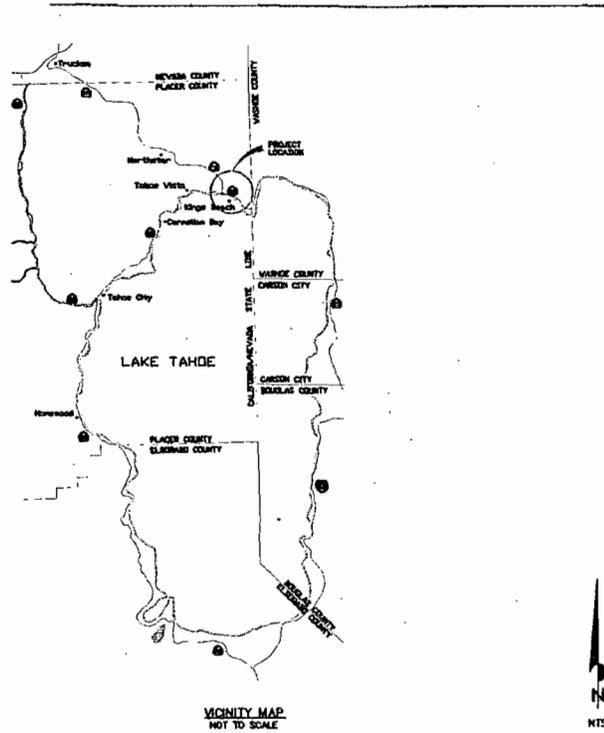
EXHIBIT B

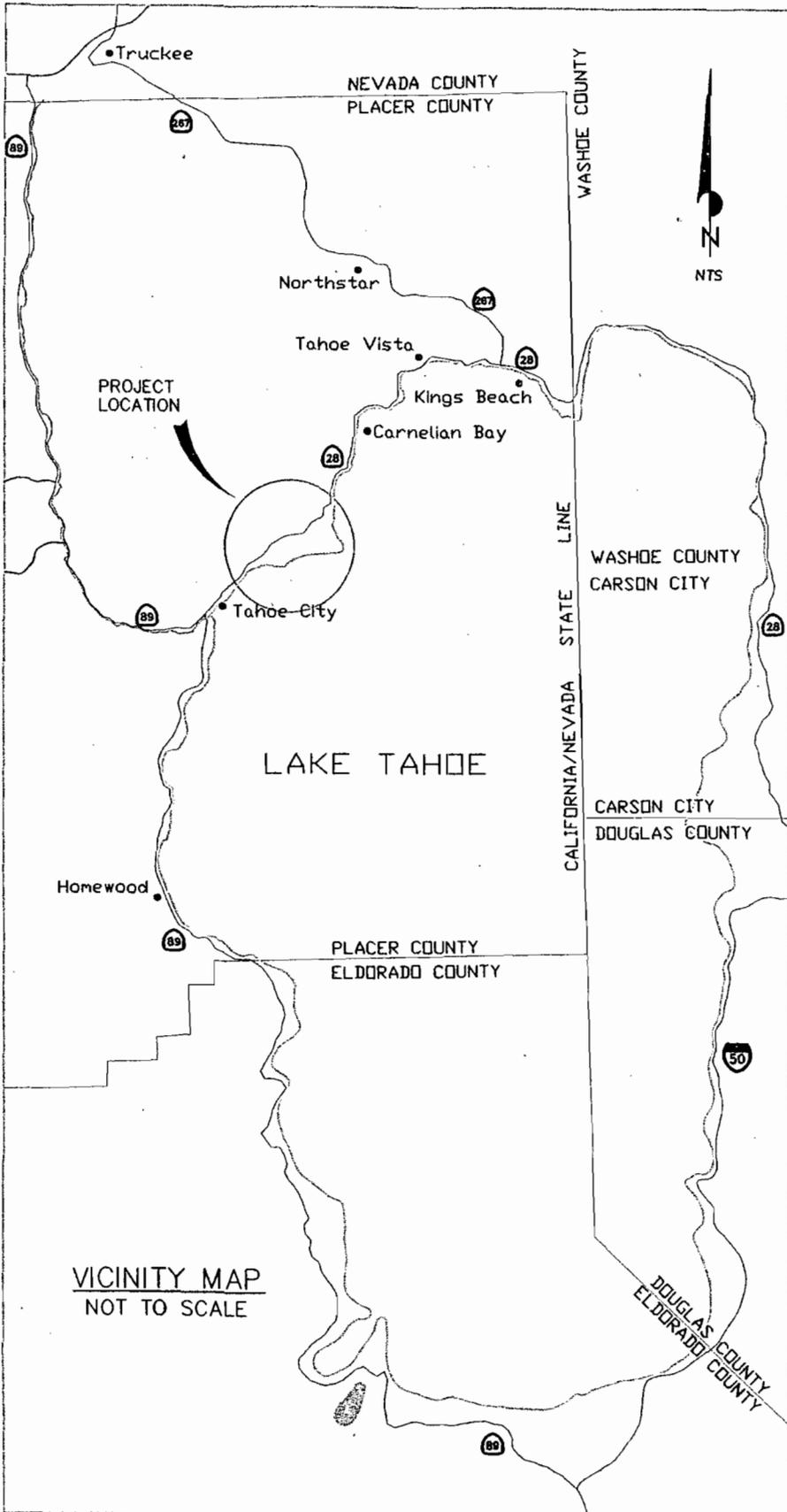
PLACER COUNTY  
DEPARTMENT OF  
PUBLIC WORKS

BROCKWAY  
EROSION CONTROL PROJECT

VICINITY AND LOCATION MAP



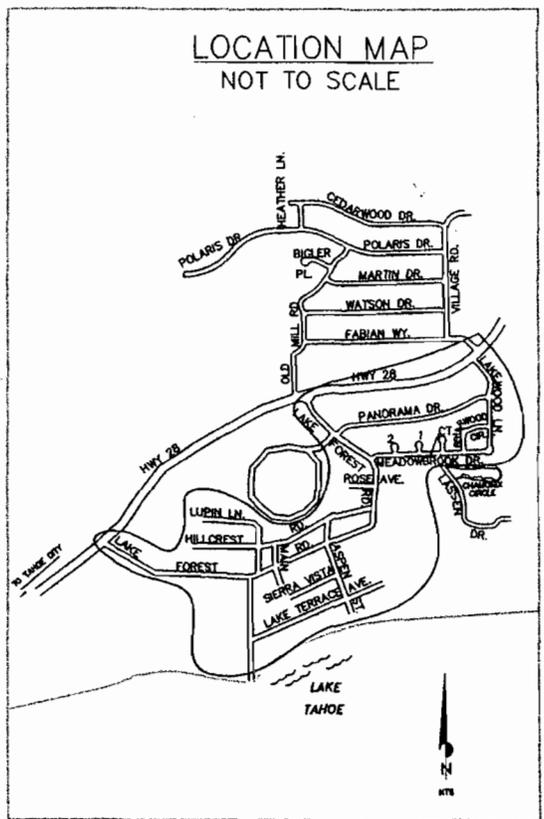




PLACER COUNTY  
DEPARTMENT OF  
PUBLIC WORKS

CLEAN WATER STATE REVOLVING FUND  
NONPOINT SOURCE  
GRANT APPLICATION FOR THE  
LAKE FOREST  
EROSION CONTROL PROJECT - AREA B  
(LAKE FOREST/PANORAMA)

VICINITY AND LOCATION MAP



VICINITY MAP  
NOT TO SCALE

LOCATION MAP  
NOT TO SCALE

