

**PLACER COUNTY**  
**REDEVELOPMENT AGENCY**

**MEMORANDUM**

**TO:** Honorable Members of the Redevelopment Agency Board  
**FROM:** Richard E. Colwell, Chief Assistant CEO–Redevelopment Director *REC Colwell*  
Rae James, Deputy Director  
**DATE:** January 9, 2007  
**SUBJECT:** Adopt a Resolution with Findings Authorizing an Agreement Between the Redevelopment Agency and the Tahoe City Public Utility District Providing \$150,000 for the Sewer Pump Station Project Located in the Tahoe City Marina, and Authorize the Chief Assistant CEO–Redevelopment Director or Designee to Execute the Agreement Subject to Agency Counsel Approval.

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**ACTION REQUESTED**

Adopt a resolution with findings authorizing an Agreement between the Redevelopment Agency (Agency) and the Tahoe City Public Utility District (TCPUD) providing \$150,000 for the Sewer Pump Station Project (Project) located in the Tahoe City Marina, and authorize the Chief Assistant CEO–Redevelopment Director or designee to execute the agreement subject to Agency Counsel approval.

**BACKGROUND**

On July 25, 2006, your Board approved the acceptance of a land dedication from the Tahoe Yacht Harbor LLC (Harbor LLC) in order to construct the Tahoe City Marina Public Parking Structure.

Coordination among the Harbor LLC, the TCPUD, and the Agency is important since each has proposed construction over the next three years. The Harbor LLC and TCPUD projects are slated to start construction in 2007, with the TCPUD relocating a sewer pump station facility and lines. Several of the sewer lines are also under the Agency's proposed public parking structure and the Agency will be required to move them as part of its construction.

Approval of this item would allow the Agency to partner with the TCPUD through the attached Agreement to relocate the sewer lines now. Ultimately, the partnership will save the Agency time and money when construction starts on the Marina Public Parking Structure in 2008. In a separate item on this agenda, adoption of necessary findings allowing the Agency to provide the \$150,000 for infrastructure improvements, is being requested.

California Redevelopment Law (Health and Safety Code Section 33445) requires your Board to make certain findings in order to use redevelopment funds for the installation and construction of public improvements. These findings include: 1) that Agency assistance for these improvements will be of benefit to the project area; 2) there are no other reasonable means of financing the Project; and 3) the payment of Agency funds for these improvements will assist in the

elimination of one or more blighting conditions in the North Lake Tahoe Redevelopment Project Area and is consistent with the implementation plan adopted by the Agency. The Project will eliminate the potential for raw sewage to spill into the lake should the pump or sewer lines fail. The Agency has determined that there are no other reasonable means of financing its portion of the Project.

#### **ENVIRONMENTAL STATUS**

The National Environmental Policy Act and California Environmental Quality Act process is complete on the Tahoe City Marina Master Plan containing the Project and the Agency's public parking structure. A Finding of No Significant Impact was issued and the Environmental Impact Report/Environmental Impact Statement certified with appropriate findings. The TRPA Governing Board confirmed the determination on February 23, 2005 and the Planning Commission confirmed its determination on March 24, 2005.

#### **FISCAL IMPACT**

There are sufficient funds in the Agency's FY 2006/2007 Budget for this request. The Agency intends to use Tax Increment Bond Proceeds to fund this effort. There is no impact to the County General Fund.

#### **RECOMMENDATION**

Adopt a resolution with findings authorizing an Agreement between the Agency and the TCPUD providing \$150,000 for the Project located in the Tahoe City Marina, and authorize the Chief Assistant CEO-Redevelopment Director or designee to execute the agreement subject to Agency Counsel approval.

Attachments

cc: Sabrina Thompson, Agency Counsel

**Before the Placer County  
Redevelopment Agency Board of Directors  
County of Placer, State of California**

In the matter of:

Adopt a Resolution with Findings Authorizing an Agreement Between the Redevelopment Agency and the Tahoe City Public Utility District Providing \$150,000 for the Sewer Pump Station Project Located in the Tahoe City Marina, and Authorize the Chief Assistant CEO–Redevelopment Director or Designee to Execute the Agreement Subject to Agency Counsel Approval.

Resol. No:.....

Ord. No:.....

First Reading: .....

The following Resolution was duly passed by the Redevelopment Agency Board of the County of Placer at a regular meeting held January 9, 2007,

by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Attest:  
Clerk of said Board

\_\_\_\_\_  
Chair, Agency Board

BE IT RESOLVED by the Placer County Redevelopment Agency as follows:

WHEREAS, the Redevelopment Agency (“Agency”) has adopted the North Lake Tahoe Redevelopment Project Area (the “Project Area”), the North Lake Tahoe Redevelopment Plan, and the Implementation Plan for the North Lake Redevelopment Project Area (collectively the “Project Area and Plans”); and

WHEREAS, the Agency is vested with responsibility pursuant to the Community Redevelopment Law (Part I of Division 24 of the Health and Safety Code of the State of California) (Law) to implement the Redevelopment Plan in the Project Area; and

WHEREAS, the Sewer Pump Station project (Project) is contained within the Project Area; and

WHEREAS, the Agency desires to provide \$150,000 in Agency funds for the Project; and

WHEREAS, the proposed action is in furtherance of the Project Area and Plans; and

WHEREAS, pursuant to California Redevelopment Law, Section 33445, the Project will assist in the elimination of blight in that it eliminates the potential for raw sewage to spill into the lake should the pump or sewer lines fail. The Project is consistent with the goals and objectives of the Project Area and Plans which is to assist in the development of underdeveloped or poorly developed areas, which are underutilized, or improperly utilized and to increase public infrastructure and public access within the Project Area; and

WHEREAS, the Agency finds and determines that the public interest and necessity requires the sewer pump station be relocated in the Project Area; that the Project is planned and located in a manner that will be most compatible with the greatest public good and the least private injury; that the Project could not occur without Agency assistance; and that there are no other sources of financing available for the Project.

NOW, THEREFORE, BE IT RESOLVED by the Agency Board that after due consideration of the facts presented, the findings as stated in the staff report that accompanies this Resolution are approved, and the Agency Board finds and determines as follows:

1. All of the above recitals are true and correct, and the Agency has based the findings and actions set forth in this Resolution, in part, on such recitals.
2. The Agency Board hereby finds and determines that (a) Agency assistance for these public improvements will be of benefit to the Project Area; (b) no other reasonable means of financing these improvements are available to the community; and (c) the payment of Agency funds for these improvements (i) will assist in the elimination of one or more blighting conditions in the Project Area and (ii) is consistent with the Implementation Plan adopted by the Agency pursuant to Section 33490 of the Law.
3. The Agency Board approves the payment by the Agency of \$150,000 for the cost of these improvements.

BE IT FURTHER RESOLVED, that the Chief Assistant CEO–Redevelopment Director or designee is hereby authorized and directed to act on behalf of the Agency in all matters pertaining to this Project and execute all necessary agreements subject to Agency Counsel approval.

BE IT FURTHER RESOLVED, that this resolution shall become effective immediately upon adoption.

**AGREEMENT**  
(Sewer Pump Station Project - Tahoe City Marina)



This Agreement is entered into effective as of \_\_\_\_\_, 2006 (the “**Effective Date**”) by and between the Placer County Redevelopment Agency, a public body corporate and politic (hereinafter “**Agency**”) and the Tahoe City Public Utility District, a public agency formed pursuant to the laws of the State of California, (hereinafter “**TCPUD**”). Agency and TCPUD are hereinafter referred to collectively as the “**Parties**.”

RECITALS

- A. Pursuant to California Community Redevelopment Law (Health and Safety Code Section 33000 et seq.) (“**CRL**”), and the Redevelopment Plan initially adopted by the Placer County Board of Supervisors on July 16, 1996 for the North Lake Tahoe Redevelopment Project Area (the “**Project Area**”), the Agency is authorized to undertake activities in the Project Area.
- B. On March 24, 2005, the Placer County Planning Commission approved an Environmental Impact Statement/Environmental Impact Report and conditional land use permits for expansion of the Tahoe City Marina. The approved Marina expansion project (“**Marina Expansion Project**”) includes the construction of a parking structure.
- C. On July 25, 2006 the Placer County Board of Supervisors approved acceptance of a land dedication from the Tahoe Yacht Harbor LLC so that the Agency can construct a public parking structure to be known as the Tahoe City Marina Public Parking Structure (the “**Parking Structure**”) in the Project Area adjacent to the Tahoe City Marina (the “**Marina**”).
- D. TCPUD intends to construct certain public improvements known as the Sewer Pump Station Project (the “**Project**”) within the Marina.
- E. Construction of the Parking Structure will require the relocation of certain TCPUD utility lines. The Agency, as developer of the Parking Structure, is required to complete said relocations at Agency’s expense. TCPUD has agreed to construct the relocation of a portion of said sewer lines, as a portion of TCPUD’s Project and Agency has agreed to provide funding for such purpose pursuant to the terms and conditions set forth in this Agreement. The Agency is utilizing the construction experience of the TCPUD and the Project timing to expedite the process and save money in constructing the parking structure.
- F. TCPUD and Agency have followed all requisite procedures to authorize the execution of this Agreement and the allocation of funds pursuant to this Agreement, including without limitation, the adoption of findings required pursuant to CRL Section 33445.

NOW THEREFORE, in consideration of the mutual promises set forth, Agency and TCPUD hereby agree as follows:

1. Agency Funding. Agency agrees to reimburse TCPUD for the full value of actual expenses for the relocation of sewer lines shown on Exhibit A (the “**Work**”), attached hereto and incorporated herein by reference, according to the terms and conditions set forth in this

Agreement. The relocation of sewer lines shown on Exhibit A is a parking structure related expense. Total reimbursement to TCPUD shall not exceed \$150,000 without amending this Agreement.

2. Use of Funds. TCPUD covenants that all funds received from Agency pursuant to this Agreement shall be used exclusively for the sewer line relocation shown in Exhibit A. The preliminary estimate for sewer line relocation costs is attached as Exhibit B, attached hereto and incorporated herein by reference. Preliminary quote for Agency's sewer line relocation is \$142,375. In order to cover potential cost increases related to the public bid process a higher amount of \$150,000 is being requested. Actual expenses will be determined by the TCPUD based on the bid results plus authorized change orders for related items of work using the calculations shown on Exhibit B. The TCPUD has sole authority to authorize change orders, with the understanding that total reimbursement shall not exceed \$150,000 without amending this Agreement.

3. Competitive Bidding. TCPUD, as a public agency, warrants that it will use a public competitive bid process in compliance with all applicable state and local laws and regulations to secure a construction contractor ("Contractor") to perform all services related to the Work.

4. Inspection, Compliance with Laws, Licenses and Permits. TCPUD shall cause the Contractor and all subcontractors, employees and agents performing the work described in Exhibit A to perform such work in compliance with all applicable state, local and federal laws, ordinances, rules and regulations. TCPUD shall ensure that the Contractor and all subcontractors, employees and agents performing the Work have all licenses, permits, qualifications and approvals required to perform the Work.

5. Disbursement of Funds. Following approval of this Agreement by the governing board of TCPUD and the Placer County Redevelopment Agency Board, funds up to a maximum of \$150,000 will be delivered to TCPUD within 30 days of receipt of progress invoices of actual sewer line relocation expenses (reimbursement).

6. Invoices and Documentation. TCPUD shall provide Agency with progress and final invoices in a form acceptable to Agency detailing the performance of the Work and such documentation as Agency may reasonably require. All invoices (for reimbursement) and supporting documentation will be considered public records. All documentation supporting the invoices shall be retained by TCPUD for a minimum of four (4) years after the final invoice submittal date.

7. Dispute Resolution; Attorneys' Fees. In the event that any dispute arises in connection with this Agreement, staff from the Agency and TCPUD will meet to attempt to resolve the dispute. If staff is unable to resolve the dispute, the Director of the Agency and the General Manager of TCPUD will meet to mediate the situation. If the dispute remains unresolved for more than thirty (30) days, either Party may terminate this Agreement upon ten days' written notice. In the event of termination, the TCPUD will terminate all work related to this Agreement as of "termination date" and prepare a final invoice of expense through the termination date, and Agency shall pay said invoice within 30 days. Expenses will include payment for work completed as well as penalties due to Contractor from work disruption and discontinuance related to work on Agency's portion of Project. Upon payment, Agency shall have no further obligation to fund the Work. If either party fails to perform any of its obligations under this

Agreement, or if any dispute arises between the Parties concerning the meaning or interpretation of any provision hereof, then the prevailing party in any proceeding in connection with such dispute shall be entitled to the costs and expenses it incurs on account thereof and in enforcing or establishing its rights hereunder, including, without limitation, court costs and reasonable attorneys' fees (including the allocated cost of in-house counsel) and disbursements.

8. Governing Law. This Agreement shall be interpreted in accordance with the laws of the State of California.

9. Nondiscrimination and Equal Opportunity. TCPUD covenants that it shall not discriminate against any person or group of persons on account of race, color, creed, religion, sex, sexual orientation, marital status, national origin, ancestry or disability in the solicitation of bids, the award of contracts or the performance of the Work, and shall require that the Contractor and all subcontractors performing the Work shall not discriminate on any such basis against any employee, applicant for employment, subcontractor, or bidder for a subcontract for the Work. TCPUD shall comply with all applicable federal, state, and local laws, policies, rules, and requirements related to equal opportunity and nondiscrimination in employment, contracting, and the provision of any services that are the subject of this Agreement.

10. Independent Contractor, Not Agent. TCPUD shall perform its obligations under this Agreement as an independent contractor. Neither TCPUD, nor the officers, agents and employees of TCPUD, nor the Contractor nor any subcontractor or other party employed in performing the Work shall be, or shall be deemed to be employees of Agency or of Placer County ("County") for any purpose. TCPUD shall determine and control, at TCPUD's expense, the method and manner by which the Work shall be performed; provided, however, Agency may monitor such Work. Except as Agency may specify in writing, TCPUD shall have no authority express or implied to act on behalf of Agency in any capacity as an agent or to bind Agency to any obligation.

11. Indemnity. TCPUD agrees to indemnify, defend, and hold harmless the Agency and the County and their respective elected and appointed officers, officials, employees, agents, volunteers and contractors (collectively the "Indemnitees") from and against any and all liabilities, losses, costs, claims, liens, demands, actions, suits, legal or administrative proceedings, judgments, penalties, deficiencies, fines, damage, orders, causes of action and expenses (including without limitation, reasonable attorneys' fees, costs and fees of litigation, and the allocated costs of Agency's staff counsel). All of the foregoing, collectively hereinafter "Claims" of every nature (including without limitation, Claims related to personal injury and property damage) arising directly or indirectly as a result of or in connection with the Work or TCPUD's performance or failure to perform its obligations pursuant to this Agreement except for liabilities, losses, claims, or actions, or fines, or penalties, caused by the Agency's or the County's sole negligence or willful misconduct, or if caused in part by the Agency's or the County's active negligence, to the extent of the Agency's or the County's active negligence. Comparative negligence principles shall apply.

TCPUD agrees to investigate, handle, respond to, provide defense for, and defend any such Claims at TCPUD's sole expense. TCPUD also agrees to bear all other costs and expenses related thereto, even if the Claim or Claims alleged are groundless, false, or fraudulent. This provision is not intended to create any cause of action in favor of any third party against TCPUD or the Agency or to enlarge, in any way, TCPUD's liability, but is intended solely to provide for

indemnification of the Agency from liability for damages or injuries to third persons or property arising from TCPUD's performance pursuant to this Agreement. The provisions of this Section 11 shall survive the expiration or earlier termination of this Agreement.

12. Insurance. TCPUD shall file with Agency a Certificate of Insurance, with companies acceptable to Agency, with a Best's Rating of no less than A:VII showing the following coverage:

A. Workers' Compensation and Employers' Liability Insurance

- 1) Workers' Compensation Insurance shall be provided, as required, by any applicable law or regulation. Employers' liability insurance shall be provided in amounts not less than one million dollars (\$1,000,000) each accident for bodily injury by accident, one million dollars (\$1,000,000) policy limit for bodily injury by disease, and one million dollars (\$1,000,000) each employee for bodily injury by disease.
- 2) If there is an exposure of injury to TCPUD's employees under the U.S. Longshoremen and Harbor Workers' Compensation Act, the Jones Act, or under laws, regulations or statutes applicable to maritime employees, coverage shall be included for such injuries or claims.
- 3) Each Workers' Compensation policy shall be endorsed with the following specific language:

Cancellation Notice "This policy shall not be canceled or materially changed without first giving thirty (30) days' prior written notice to the Agency."

- 4) TCPUD shall require all subconsultants to maintain adequate Workers' Compensation Insurance. Certificates of Workers' Compensation shall be filed forthwith with the Agency upon demand.

B. General Liability Insurance

- 1) Comprehensive General Liability or Commercial General Liability insurance shall be provided covering all operations by, or on behalf of TCPUD, covering bodily injury liability and property damage liability for the limits of liability indicated below and including coverage for contractual liability insuring the obligations assumed by TCPUD in this Agreement.
- 2) One of the following forms is required:
  - a) Comprehensive General Liability;
  - b) Commercial General Liability (Occurrence); or
  - c) Commercial General Liability (Claims Made).
- 3) If TCPUD carries a Comprehensive General Liability policy, the limits of liability shall not be less than a Combined Single Limit for bodily injury, property damage, and Personal Injury Liability of:
  - a) One million dollars (\$1,000,000) each occurrence;
  - b) One million dollars (\$1,000,000) aggregate.
- 4) If TCPUD carries a Commercial General Liability (Occurrence) policy:

- a) The limits of liability shall not be less than:
    - i) One million dollars (\$1,000,000) each occurrence (combined single limit for bodily injury and property damage);
    - ii) One million dollars (\$1,000,000) for Products-Completed Operations;
    - iii) One million dollars (\$1,000,000) General Aggregate.
  - b) If the policy does not have an endorsement providing that the General Aggregate Limit applies separately to this contract, or if defense costs are included in the aggregate limits, then the required aggregate limits shall be two million dollars (\$2,000,000).
- 5) Special Claims Made Policy Form Provisions:
- TCPUD shall not provide a Commercial General Liability (Claims Made) policy without the express prior written consent of Agency, which consent, if given, shall be subject to the following conditions:
- a) The limits of liability shall not be less than:
    - i) One million dollars (\$1,000,000) each occurrence (combined single limit for bodily injury and property damage);
    - ii) One million dollars (\$1,000,000) aggregate for Products-Completed Operations;
    - iii) One million dollars (\$1,000,000) General Aggregate.
  - b) The insurance coverage provided by TCPUD shall contain language providing coverage up to six (6) months following the completion of the contract in order to provide insurance coverage for the hold harmless provisions herein if the policy is a claims made policy.

C. Endorsements:

Each Comprehensive or Commercial General Liability policy shall be endorsed with the following specific language:

- 1) "The Agency, its officers, agents, employees and volunteers, are to be covered as insureds for all liability arising out of operations, or on behalf of, the named insured in the performance of this Agreement."
- 2) "The insurance provided by the TCPUD, including any excess liability or umbrella form coverage, is primary coverage to the Agency with respect to any insurance or self-insurance programs maintained by Agency, and no insurance held or owned by Agency shall be called upon to contribute to a loss."
- 3) "This policy shall not be canceled or materially changed without first giving thirty (30) days' prior written notice to Agency."

13. No Third-Party Beneficiaries. Nothing contained in this Agreement is intended to or shall be deemed to confer upon any person, other than the Parties any rights or remedies hereunder.

14. Amendments; Entire Agreement. This Agreement may be amended only by a written instrument executed by the Parties. This Agreement, including Exhibits A & B, contains the

entire agreement between the Parties with respect to the subject matter hereof, and supersedes all prior written or oral agreements, understandings, representations or statements between the Parties with respect to the subject matter hereof.

15. Severability. If a court of competent jurisdiction finds or rules that any provision of this Agreement is invalid, void, or unenforceable, the provisions of this Agreement not so adjudged shall remain in full force and effect.

16. Action or Approval. Whenever action and/or approval by Agency is required under this Agreement, Agency's Chief Assistant CEO-Redevelopment Director may act on and/or approve such matter unless specifically provided otherwise.

17. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be an original and all of which taken together shall constitute one instrument.

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**IN WITNESS WHEREOF**, this Agreement has been executed by the Parties effective as of the date first written above.

**PLACER COUNTY REDEVELOPMENT AGENCY**

By: \_\_\_\_\_  
Richard Colwell,  
Chief Assistant CEO – Redevelopment Director

Approved as to Form:

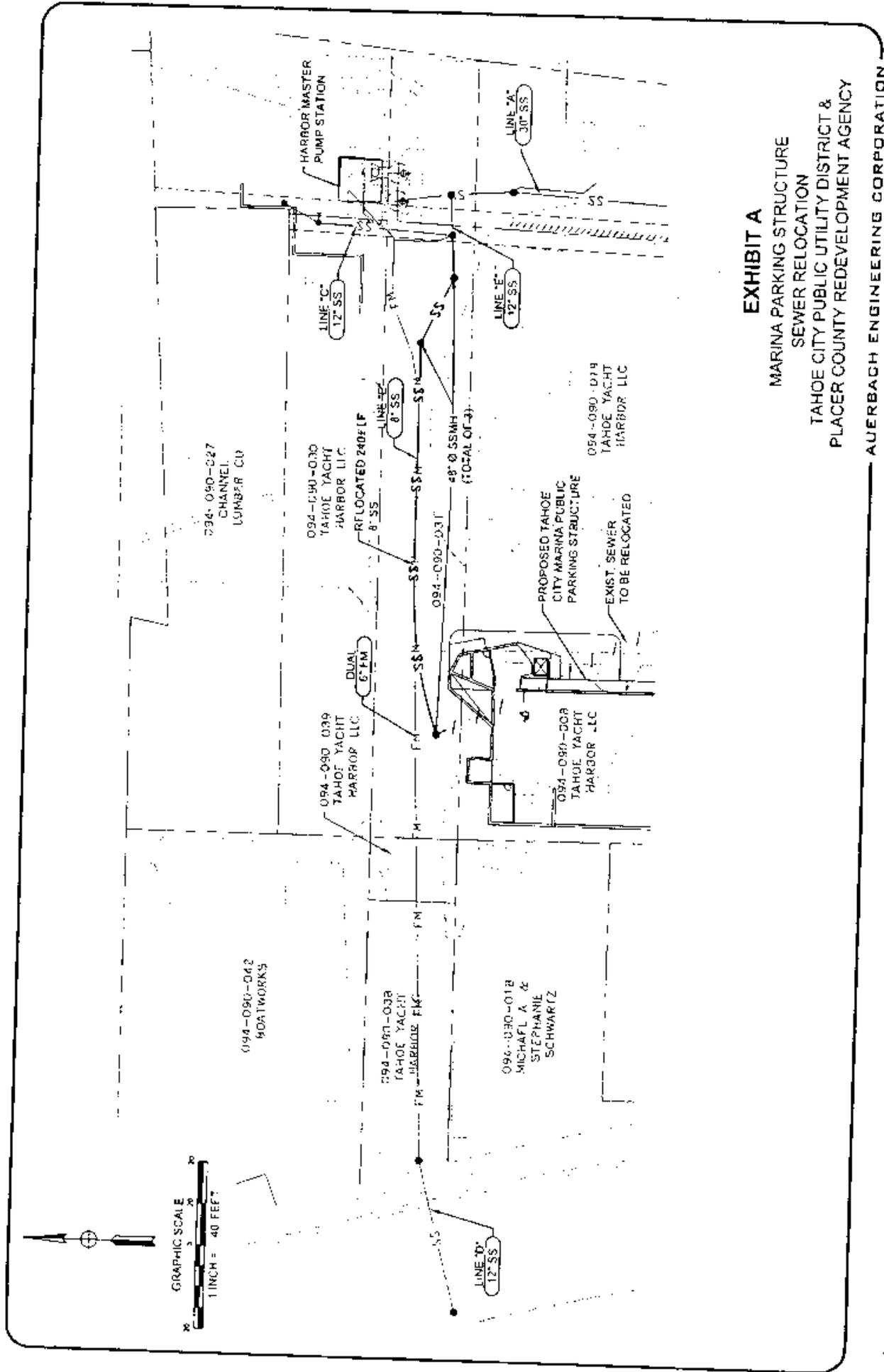
\_\_\_\_\_  
Redevelopment Agency Counsel

**TAHOE CITY PUBLIC UTILITY DISTRICT**

By: \_\_\_\_\_  
Robert Lourey,  
General Manager

Exhibit A

**AGENCY RELATED SEWER RELOCATION WORK**



**EXHIBIT A**  
 MARINA PARKING STRUCTURE  
 SEWER RELOCATION  
 TAHOE CITY PUBLIC UTILITY DISTRICT &  
 PLACER COUNTY REDEVELOPMENT AGENCY  
 AUERBACH ENGINEERING CORPORATION

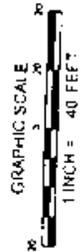


Exhibit B

**PRELIMINARY ESTIMATE OF SEWER RELOCATION COSTS**

**EXHIBIT B**

(Page 1 of 2)

**Harbor Master Sewer Pump Station Project  
Placer County Redevelopment Agency - Parking Structure  
Sewer Main Relocation**

Design and Construction Reimbursement Estimate

6-Dec-06

Sewer Relocation - Design Phase			
<b>Consultant Services</b>		<b>\$</b>	<b>8,250</b>
<i>AEC Design Contract - Task Order No. 6</i>		\$	8,250
<i>AEC Design Contract Revisions</i>		\$	None Anticipated
<b>TCPUD Design Administration</b>		<b>\$</b>	<b>7,297</b>
<i>TCPUD Payroll and Legal Fees</i>	6.5%	\$	7,297
<i>Property and Easement Acquisition</i>		\$	None Anticipated
<b>Total Placer Co. Sewer Relocation Design Phase Budget</b>		<b>\$</b>	<b>15,547</b>

Sewer Relocation - Construction Phase			
<b>Construction Contract Value of Relocation</b>		<b>\$</b>	<b>112,269</b>
<i>Relocation Cost Estimate (See Page 2)</i>		\$	97,625
<i>Construction Contingency</i>	15%	\$	14,644
			To Be Adjusted Based on Bid Results
			To Be Adjusted Based on Change Orders
<b>TCPUD Construction Administration</b>		<b>\$</b>	<b>18,524</b>
<i>AEC Engineering Services</i>	7.0%	\$	7,859
<i>Construction Inspection/Management Svc.s</i>	6.0%	\$	6,736
<i>Soil/Groundwater Contamination Oversight</i>	7.5%	\$	1,884
<i>TCPUD Payroll and Legal Fees</i>	2.0%	\$	2,245
			Fixed % of Total Contract Value
			Fixed % of Total Contract Value
			Fixed % of Total Contract Value
			Fixed % of Total Contract Value
<b>Total Placer Co. Sewer Relocation Construction Phase Budget</b>		<b>\$</b>	<b>130,793</b>

<b>TOTAL ESTIMATED REIMBURSEMENT = \$ 146,341</b>
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**EXHIBIT B**  
(Page 2 of 2)

**Harbor Master Sewer Pump Station Project**  
**Placer County Redevelopment Agency - Parking Structure**  
**Sewer Main Relocation**  
Detailed Construction Cost Estimate and Cost Sharing Determination  
6-Dec-06

HARBOR MASTER SEWER PUMP STATION ENGINE PROJECT				PLACER COUNTY REDEVELOPMENT AGENCY SEWER RELOCATION SHARE						
Bid Item No.	Category	Item Description	Quantity	Unit	Unit Cost (\$/Unit)	Total Cost (\$)	Quantity	Unit	Unit Cost (\$/Unit)	Total Cost (\$)
1	Shared	Mobilization/De-mobilization (5.0%)	1	LS	\$ 94,180	\$ 94,180	6.94%	LS	\$ 94,180	\$ 6,531
2	Shared	Temporary Erosion Control	1	LS	\$ 35,000	\$ 35,000	6.94%	LS	\$ 35,000	\$ 2,427
3	Shared	Traffic Control	1	LS	\$ 30,000	\$ 30,000	6.94%	LS	\$ 30,000	\$ 2,081
4	Shared	Site Preparation	1	LS	\$ 20,000	\$ 20,000	6.94%	LS	\$ 20,000	\$ 1,387
5	Shared	Existing Utilities Demolition	1	LS	\$ 15,000	\$ 15,000	6.94%	LS	\$ 15,000	\$ 1,040
6	Shared	Existing Sanitary Sewer Abandonment	1	LS	\$ 30,000	\$ 30,000	6.94%	LS	\$ 30,000	\$ 2,081
7	Shared	Existing Pump Station Demolition	1	LS	\$ 35,000	\$ 35,000	0	LS	\$ 35,000	\$ -
8	Shared	Dewatering (Pipeline Trenches)	1	LS	\$ 90,000	\$ 90,000	0.94%	LS	\$ 90,000	\$ 6,242
9	Shared	Dewatering (Pump Station Area)	1	LS	\$ 80,000	\$ 80,000	0	LS	\$ 80,000	\$ -
10	Shared	Shoring and Worker Safety (Pipeline Trenches)	1	LS	\$ 50,000	\$ 50,000	6.94%	LS	\$ 50,000	\$ 3,468
11	Unrelated	Shoring and Worker Safety (Pump Station Area)	1	LS	\$ 75,000	\$ 75,000	0	LS	\$ 75,000	\$ -
12	Direct	Batch Sanitary Sewer Pipe (PVC)	142	LF	\$ 40	\$ 5,680	0	LF	\$ 40	\$ -
13	Direct	8 inch Sanitary Sewer Pipe (PVC)	463	LF	\$ 153	\$ 69,450	2.40	LF	\$ 153	\$ 36,004
14	Direct	12 inch Sanitary Sewer Pipe (PVC)	176	LF	\$ 220	\$ 38,720	0	LF	\$ 220	\$ -
15	Direct	30 inch Sanitary Sewer Pipe (D.P.)	310	LF	\$ 30	\$ 9,300	0	LF	\$ 30	\$ -
16	Direct	Sanitary Sewer Manhole (60" dia.)	11	EA	\$ 7,500	\$ 82,500	3	EA	\$ 7,500	\$ 22,500
17	Direct	Sanitary Sewer Manhole (60" dia.)	5	EA	\$ 13,500	\$ 67,500	0	EA	\$ 13,500	\$ -
18	Direct	Force Main Outlet Manhole (SSMH No. 18)	1	EA	\$ 12,500	\$ 12,500	0	EA	\$ 12,500	\$ -
19	Direct	SSMH No. 18 (Line 10)	1	EA	\$ 15,000	\$ 15,000	0	EA	\$ 15,000	\$ -
20	Direct	Temporary Sewer By-Pass	1	LS	\$ 10,000	\$ 10,000	0	LS	\$ 10,000	\$ -
21	Direct	Sanitary Sewer Service Connections	1	LS	\$ 15,000	\$ 15,000	0	LS	\$ 15,000	\$ -
22	Direct	Pump Station Area Excavation and Backfill	1	LS	\$ 50,000	\$ 50,000	0	LS	\$ 50,000	\$ -
23	Direct	Pump Station Spoilpile Slab (Below Grade)	1	CY	\$ 750	\$ 750	0	CY	\$ 750	\$ -
24	Direct	Contaminated Soil Disposal	1,585	CY	\$ 65	\$ 103,025	180	CY	\$ 65	\$ 10,400
25	Direct	Well Well Facilities	1	LS	\$ 95,000	\$ 95,000	0	LS	\$ 95,000	\$ -
26	Direct	Prefabricated Pump Station Installation	1	LS	\$ 35,200	\$ 35,200	0	LS	\$ 35,200	\$ -
27	Direct	Discharge Manifold Assembly	1	LS	\$ 40,000	\$ 40,000	0	LS	\$ 40,000	\$ -
28	Direct	Dual Force Main Pipeline	425	LF	\$ 300	\$ 127,500	0	LF	\$ 300	\$ -
29	Direct	Dual Bypass Port Assembly	7	EA	\$ 20,000	\$ 140,000	0	EA	\$ 20,000	\$ -
30	Direct	Emergency Discharge Bypass Port Assembly	1	EA	\$ 7,500	\$ 7,500	0	EA	\$ 7,500	\$ -
31	Unrelated	Pump Station Mechanical Room	1	LS	\$ 25,000	\$ 25,000	0	LS	\$ 25,000	\$ -
32	Unrelated	Sanitizers Installation	1	LS	\$ 50,000	\$ 50,000	0	LS	\$ 50,000	\$ -
33	Unrelated	Electrical Control and Telemetry Systems	1	LS	\$ 240,000	\$ 240,000	0	LS	\$ 240,000	\$ -
34	Direct	Power Service	1	LS	\$ 15,500	\$ 15,500	0	LS	\$ 15,500	\$ -
35	Direct	Sidewalk Repavement	1	LS	\$ 15,000	\$ 15,000	0	LS	\$ 15,000	\$ -
36	Shared	Site Restoration and Revegetation	1	LS	\$ 25,000	\$ 25,000	6.94%	LS	\$ 25,000	\$ 1,734
37	Shared	Qualified archeologist	1	LS	\$ 25,000	\$ 25,000	6.94%	LS	\$ 25,000	\$ 1,734
<b>Total</b>						<b>\$ 1,977,685</b>	<b>Total</b>			<b>\$ 97,625</b>

Total Project Direct Costs \$ 993,595  
 PCRA Sewer Relocation Direct Costs \$ 58,900  
 Cost Sharing % to be Applied to Shared Costs 5.94%

**Cost Category Key**  
 Shared - General work elements that apply to the entire project and for which costs are to be shared at the Cost Sharing %  
 Direct - Specific work elements that make up the project. Comparing Sewer Relocation Direct Costs to Total Project Direct Costs results in the Cost Sharing %  
 Unrelated - General or specific work elements that are not to be included in the Cost Sharing % determination. (Note: pipeline costs)