

CITY OF YUBA CITY  
STAFF REPORT

**Date:** November 17, 2009  
**To:** Honorable Mayor & Members of the City Council  
**From:** Department of Public Works  
**Presentation by:** George L. Musallam, Public Works Director

---

**Summary**

**Subject:** Bridge Street Reconstruction Project - Authorize Additional Work.

**Recommendation:**

- a. Increase the purchase order amount with Granite Construction Co. to cover additional water main replacement work, extension of the paving limits on Plumas Street to B Street and additional Underground Joint Trench work in the total amount of \$400,000.00.
- b. Approve a budget transfer in the amount of \$50,000 from Account No. 971093 (Replacement and Major Maintenance of Water Lines) to Account No. 1055 (Bridge Street Reconstruction).
- c. Approve a budget transfer in the amount of \$70,000 from Account No. 931041-65501 (Western Parkway and SR-20 Intersection) to Account No. 1055 (Bridge Street Reconstruction).
- d. Authorize the Finance Director to make financial changes as necessary to accommodate the increased work.

**Fiscal Impact:**

- \$120,000 – Account No. 1055 (Bridge Street Reconstruction),
- \$ 50,000 – Water Account No. 971093 (Replacement and Major Maintenance of Water Lines)
- \$ 70,000 – 931041-65501 (Western Parkway and SR-20 Intersection)

---

**Background:**

On June 10, 2009, Council approved the award of the Bridge Street Reconstruction Project to Granite Construction Co. in the amount of \$2,326,862.60. Construction of the project commenced August 10, 2009 and is currently ongoing.

**Analysis:**

During construction, additional work has arisen that staff feels is in the best interest of the City to complete.

- Water Main Replacement - The condition of the existing asbestos and cast iron water mains were determined to be hazardous, and or degraded to the point that City staff felt that the

water lines within the project area should be replaced entirely. Replacement of the water mains will prevent potential problems with replacement work in the future. Approximate cost \$255,000.

- Joint Trench Changes - Due to Stimulus and Grant funding time requirements the project was originally bid with an unapproved PG&E underground utility conversion plan. To complete the project work in accordance with the final approved PG&E plan Granite Construction Co. will need to perform additional underground work, including added trenching, vaults, conduit, and wire installation to complete the overhead to underground conversion of the utility lines in the project area. This work is necessary to comply with final PG&E requirements to make the overhead to underground conversion. Approximate cost \$70,000.
- Extending Paving Limits – The existing asphalt on Plumas Street south of the project limits to B Street is in need of rehabilitation. The roadway has been listed by the Public Works Department as a candidate for work in the past. Granite Construction Company's bid price for in place asphalt concrete, \$55/ton, is very close to actual material costs. Staff feels that it would be in the best interest of the City to extend the paving limit approximately 500 feet south along Plumas Street to rehabilitate that section of roadway. Approximate cost \$75,000.

Staff recommends increasing the work scope to provide a better project and to maximize the \$2,600,000 grant funds from the federal TE and ARRA programs.

#### **Fiscal Impact:**

At the time of award the project budget was programmed to account for costs associated with possible water main extension and some PG&E costs. However, Council authorization to use the budgeted funds is needed. Therefore the net fiscal impact to the project budget will be an increase of \$120,000.

Upon beginning construction the deteriorated state of the existing water mains were verified. To account for the additional work on the current purchase order for Granite Construction, staff needs to authorize the use of the originally programmed funds, (\$205,000) and increase the water portion by \$50,000 from Account No. 971093 (Replacement and Major Maintenance of Water Lines) to pay for the additional 1,205 LF of water main.

Joint Trench work scope has increased due to changes necessary to comply with PG&E requirements. Staff needs Council approval to increase the budget and purchase order in the amount of \$70,000 to pay for the additional joint trench work that was not known until the final PG&E plans were approved after the award of the project. Joint trench work is covered by the project's federal TE and ARRA grants. Grant funds, once received, will be used to pay back local funds.

Staff is also requesting that the purchase order be increased by \$75,000 for the additional paving work on Plumas Street from the project limits to B Street. The price received from Granite for in place asphalt is below the median price paid for similar City projects. By increasing the work the City will also insure that full reimbursement of the allocated ARRA grant funds is met. No additional fiscal impact beyond the original budget is required for extending paving limits. However Council authorization to use the programmed funds is needed.

Besides the additional water funds needed for the water main replacement, the overall construction project is within the original programmed budget. Staff's recommendations will provide for the authorization to use the budgeted funds to maximize the grant funds and provide a better project.


**Alternatives:**

Do not authorize additional work or modify proposed recommendations.


**Recommendation:**

- a. Increase the purchase order amount with Granite Construction Co. to cover additional water main replacement work, extension of the paving limits on Plumas Street to B Street and additional Underground Joint Trench work in the total amount of \$400,000.00.
- b. Approve a budget transfer in the amount of \$50,000 from Account No. 971093 (Replacement and Major Maintenance of Water Lines) to Account No. 1055 (Bridge Street Reconstruction).
- c. Approve a budget transfer in the amount of \$70,000 from Account No. 931041-65501 (Western Parkway and SR-20 Intersection) to Account No. 1055 (Bridge Street Reconstruction).
- d. Authorize the Finance Director to make financial changes as necessary to accommodate the increased work.

Prepared by:

  
\_\_\_\_\_  
Benjamin K. Moody  
Associate Civil Engineer

Submitted by:


  
\_\_\_\_\_  
Steven R. Jepsen  
City Manager

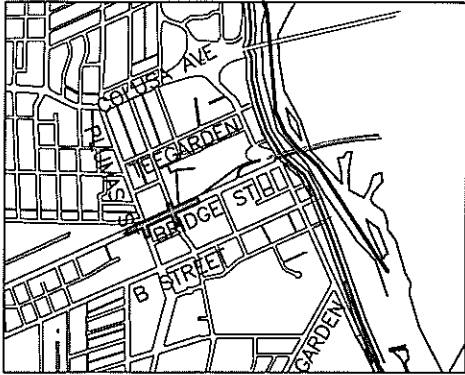
Reviewed by:

Department Head

Finance

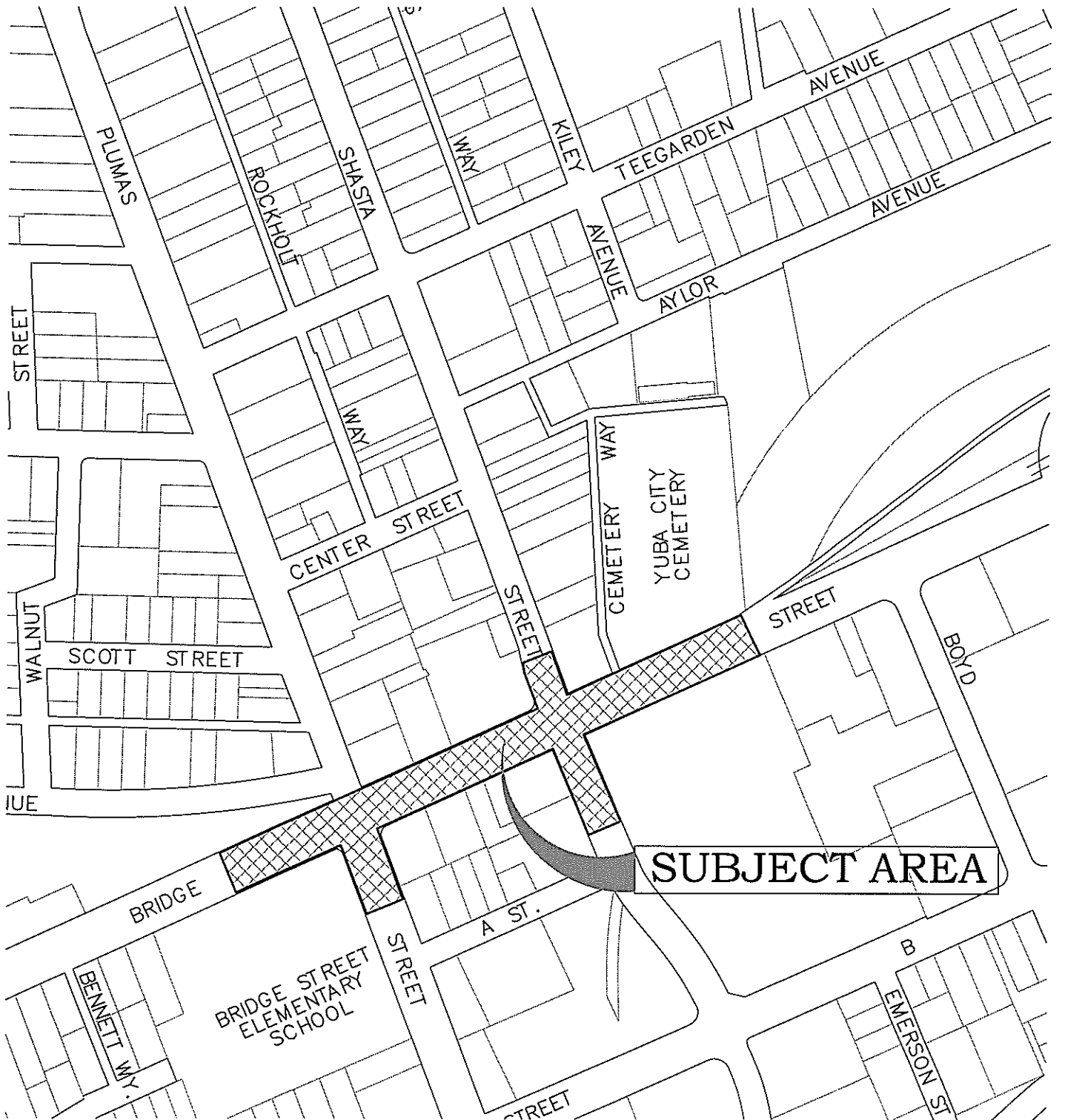
Utilities

DL for GM  
  
\_\_\_\_\_



SCALE: 1" = 300'

# BRIDGE STREET RECONSTRUCTION PROJECT



**SUBJECT AREA**