



REPORT TO COUNCIL

City of Sacramento

5

915 I Street, Sacramento, CA 95814-2604
www.CityofSacramento.org

Consent
January 23, 2007

Honorable Mayor and
Members of the City Council

**Title: Agreement: 3rd Street Combined Sewer System (CSS) Relief Sewer
Preliminary Design Project (XN58)**

Location/Council District: 3rd Street from the Downtown Railyard to T Street and T Street from 3rd Street to 5th Street. The project is within Council Districts 1 and 4.

Recommendation: Adopt a **Resolution** 1) amending the FY 2006/07 Sewer Capital Improvement Program to add the 3rd Street CSS Relief Sewer Project (PN: XN58); and 2) authorizing the City Manager to: a) transfer \$310,000 (Fund 414) from the 5th Street Sewer Upsizing Project (XN56) to the 3rd Street CSS Relief Sewer Preliminary Design Project (XN58) and b) execute a Consultant Services Agreement with Nolte Associates, Inc. to prepare a preliminary design report for XN58 for an amount not to exceed \$249,971.

Contact: David Brent, Engineering Manager, 808-1420; Rick Batha, Supervising Engineer, 808-1448.

Presenters: Not applicable.

Department: Utilities

Division: Engineering Services

Organization No: 3332

Description/Analysis

Issue: Sanitary sewer flows generated from the Richards Area and Downtown Railyard currently flow into an impacted portion of the Combined Sewer System (CSS). New development proposed in these areas will significantly increase sanitary sewer flows. Without mitigation, the CSS does not have capacity to convey additional flows. A large diameter pipe in 3rd Street is proposed to convey these sewer flows along 3rd Street from the Railyard to the intersection of T Street and 5th Street, about a mile away where there is greater capacity within the system. This project will prepare a preliminary design report to determine the feasibility of constructing the proposed sewer pipe.

Policy Considerations: The requested action is in conformance with City Code Section 3.64 Article I (3.64.020), which provides that the City Council shall authorize the execution of agreements for services where the amount to be

expended under each such agreement equals or exceeds one hundred thousand dollars (\$100,000.00).

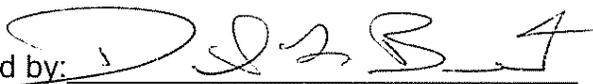
This reports recommendation is consistent with the City's Strategic Plan goals of improving and expanding public safety and encouraging economic development.

Environmental Considerations: The approval of a consultant services agreement to provide engineering services for a preliminary design report is exempt from the requirements of the California Environmental Quality Act (CEQA), pursuant to Section 15262 of the CEQA Guidelines (feasibility and planning studies).

Rationale for Recommendation: It is critical to the development of the Richards Area and the Downtown Railyard that improvements are made to the Combined Sewer System in order to accommodate the increased sanitary sewer flows generated in these areas. This preliminary design report is the first step in determining if the 3rd Street CSS Relief Sewer Project is a viable solution.

Financial Considerations: With the FY 2006/07 Sewer Capital Improvement Program amended to add the 3rd Street CSS Relief Sewer Preliminary Design Project (XN58, Job No. 9284) and \$310,000 (Fund 414) transferred from the 5th Street Sewer Upsizing Project (XN56) to XN58, there will be sufficient funds to award this consultant services agreement. The Agreement is for an amount not to exceed \$249,971, and the total project cost, including Consultant fees and City staff time, is estimated to be \$310,000.

Emerging Small Business Development (ESBD): The contract with Nolte Associates, Inc. includes 9% ESBE participation, which exceeds the City's adjusted ESBE participation goal of 5% for this project.

Respectfully Submitted by: 
David L. Brent
Engineering Manager

Approved by: 
Gary A. Reents
Director of Utilities

Recommendation Approved:


for Ray Kerridge
City Manager

Table of Contents:

| | | | |
|--------------------|--------------|----|---|
| | Report | Pg | 1 |
| Attachments | | | |
| 1 | Background | Pg | 4 |
| 2 | Location Map | Pg | 5 |
| 3 | Resolution | Pg | 6 |

Attachment 1**Background**

The sanitary sewer flows from development in the Richards Area and the Downtown Railyard is served by the Combined Sewer System (CSS), which handles stormwater and sanitary sewer flows within the same pipe network.

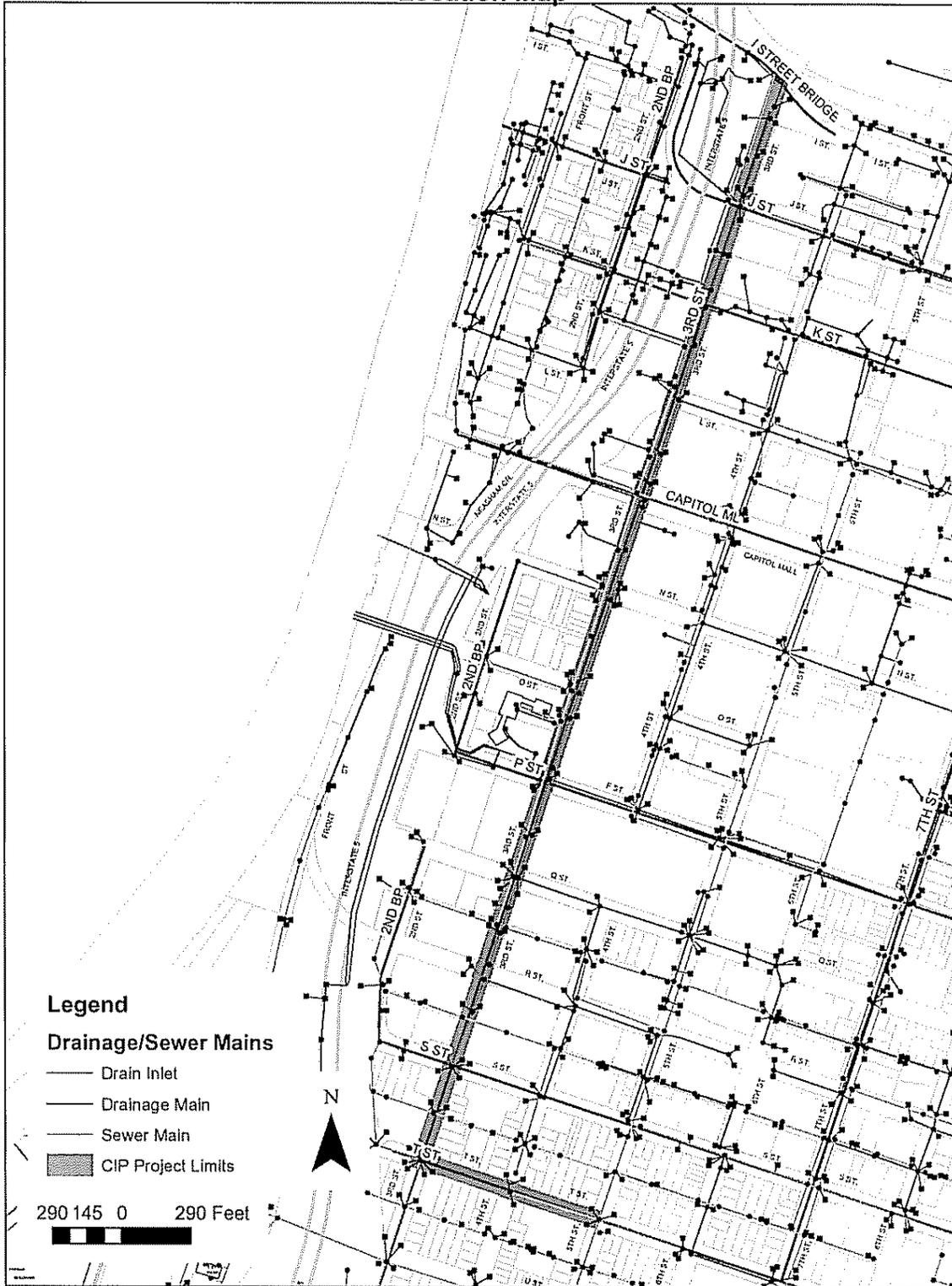
The CSS Development fee, adopted on March 15, 2005, requires that development within the CSS either pay the new development fee or construct a mitigation project, whichever is cheaper. Without mitigation, projected sewage generation for these two major developments would result in substantial CSS outflows at downstream locations along 18th Street and Land Park Drive, locations already subject to flooding and outflows. Department of Utilities engineers identified a project to divert sewage from these developments into an "up-sized" pipeline in 3rd Street. Analysis shows that this project will divert sewage flows around the impacted areas and allow them to be pumped out of the system by Sump 1/1A. To confirm that this project can be constructed, the subject preliminary design report is required.

The proposed alignment is along 3rd Street from the Downtown Railyard to T Street and along T Street to 5th Street where it terminates into a large trunk line in the CSS.

A Request for Qualifications (RFQ) was solicited to 27 firms. The intent of this RFQ was two-fold: 1) to select a qualified firm for the 3rd Street CSS Relief Sewer Preliminary Design project and 2) to establish a list of qualified consultants for future CSS mitigation projects. Fourteen (14) firms submitted qualification statements. City staff reviewed the qualification statements, ranked the consultants, and established a list 6 qualified consultants to be used for future CSS mitigation projects. A Request for Proposal (RFP) for this 3rd Street CSS Relief Sewer Preliminary Design project was issued to the top two firms. Nolte Associates was selected as the most qualified firm and the City entered into negotiations.

Final design services are not included in the proposed contract. If it is determined that construction of the 3rd Street Pipe is feasible, and after the preliminary design is complete, staff will return to City Council for authorization of the final design.

Location Map



9284 - 3rd Street CSS Relief Sewer

RESOLUTION NO.

Adopted by the Sacramento City Council

AGREEMENT FOR THE 3RD STREET CSS RELIEF SEWER PRELIMINARY DESIGN PROJECT (XN58)

BACKGROUND

- A. New development proposed in the Richards Area and Downtown Railyard will cause a significant increase in sanitary sewer flows to the Combined Sewer System (CSS). The CSS does not have capacity to convey the additional flows without mitigation.
- B. Based on the results of a consultant selection process, City staff has negotiated a consultant services agreement with Nolte Associates, Inc. to provide engineering services to prepare a preliminary design report that will evaluate the feasibility of constructing the 3rd Street CSS relief sewer pipe to convey sewer flows generated in the Richards Area and Downtown Railyard.
- C. Staff recommends the selection of Nolte Associates, Inc. to prepare the 3rd Street CSS Relief Sewer Preliminary Design. The project cost, including Consultant fees and City staff time is estimated to be \$310,000.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The FY 2006/07 Sewer Capital Improvement Program is hereby amended to add the 3rd Street CSS Relief Sewer Preliminary Design Project (PN: XN58).
- Section 2. The City Manager is authorized to transfer \$310,000 (Fund 414) from the 5th Street Sewer Upsizing Project (XN56) to the 3rd Street CSS Relief Sewer Preliminary Design Project (XN58).
- Section 3. The City Manager is authorized to execute an agreement with Nolte Associates, Inc. for the 3rd Street CSS Relief Sewer Preliminary Design Project (XN58) for an amount not to exceed \$249,971.

