

# REPORT TO COUNCIL

## City of Sacramento

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

Consent  
May 22, 2007

Honorable Mayor and  
Members of the City Council

**Title: Contract: Wisconsin, Indiana, & Bowman Avenues,  
Water Main Replacement Project (ZS02)**

**Location/Council District:** East-West between Natoma St. & Northgate Blvd. and North-South between Wisconsin Ave. & Bowman Ave. A location map is included as Attachment 1. The project is in Council District 1.

**Recommendation:** Adopt a **Resolution** 1) approving the contract plans and specifications for the project (PN: ZS02); and 2) awarding the contract to Navajo Pipelines for an amount not to exceed \$379,653.

**Contact:** David L. Brent, Engineering Manager, 808-1420; Dan Sherry, Supervising Engineer, 808-1419

**Presenters:** Not Applicable

**Department:** Utilities

**Division:** Engineering Services

**Organization No:** 3332

### **Description/Analysis**

**Issue:** The existing backyard water distribution mains are deteriorating and in need of frequent repair. This project replaces approximately 4,000 lineal feet of 4- to 6-inch diameter steel water main in backyards with 1,700 lineal feet of new 8-inch diameter water main in the street, replaces individual water services, installs water meters, and provides new fire hydrants. This is one of many backyard main replacement projects in the Water Meter Retrofit Program.

**Policy Considerations:** This action is in conformance with City Code Chapter 3.60, Articles I and III, which provides that the City Council may award competitively bid contracts to the lowest responsible bidder.

This report's recommendation is consistent with the City's Strategic Plan Goals of enhancing and preserving the neighborhoods and supporting the economic vitality of the area.

This action conforms to the requirements of Assembly Bill 2572, which requires the installation of water meters on all service connections by the year 2025.

**Environmental Considerations:** This project replaces an existing public utility water distribution system, and involves negligible expansion of capacity. It is therefore categorically exempt from CEQA (the California Environmental Quality Act) under Class 1, Section number 15301(b) and Class 2, Section number 15302(c) of the CEQA Guidelines. Projects exempt under Class 1, Section number 15301(b) consist of minor alteration or repair of existing facilities used to provide electric power, natural gas, sewerage and other public utility services. Projects exempt under Class 2, Section number 15302(c) consist of replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity. A notice of categorical exemption will be filed with the County Clerk after City Council award of the project.

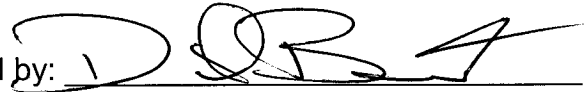
**Commission/Committee Action:** None

**Rationale for Recommendation:** After the plans and specifications were completed by Engineering Services, the project was formally advertised to solicit public bids. On April 18, 2007 the City Clerk opened eight bids. The low bidder was Navajo Pipelines. Staff recommends the contract be awarded to Navajo Pipelines for an amount not to exceed \$379,653.

**Financial Considerations:** Navajo Pipelines' bid is for an amount not to exceed \$379,653. The total estimated project cost including design, construction, inspection and contingency is \$475,000. There are sufficient funds in the Wisconsin, Indiana, & Bowman project (PN: ZS02, fund 413) to award and complete the project.

**Emerging Small Business Development (ESBD):** This project included a target participation goal of 20% for emerging and small business enterprises (ESBEs) as required by Ordinance 99-007 and Resolution 99-055, relating to ESBD participation goals and policies, adopted by the City Council on February 9, 1999. The responsive low bidder, Navajo Pipelines, is a City certified SBE and is expected to exceed the ESBE goal with a participation level of approximately 86.2%.

Respectfully Submitted by:



David L. Brent  
Engineering Manager

Approved by:



Gary A. Reents  
Director of Utilities

Recommendation Approved:



*you*

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Ray Kerridge  
City Manager

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**Attachments:**

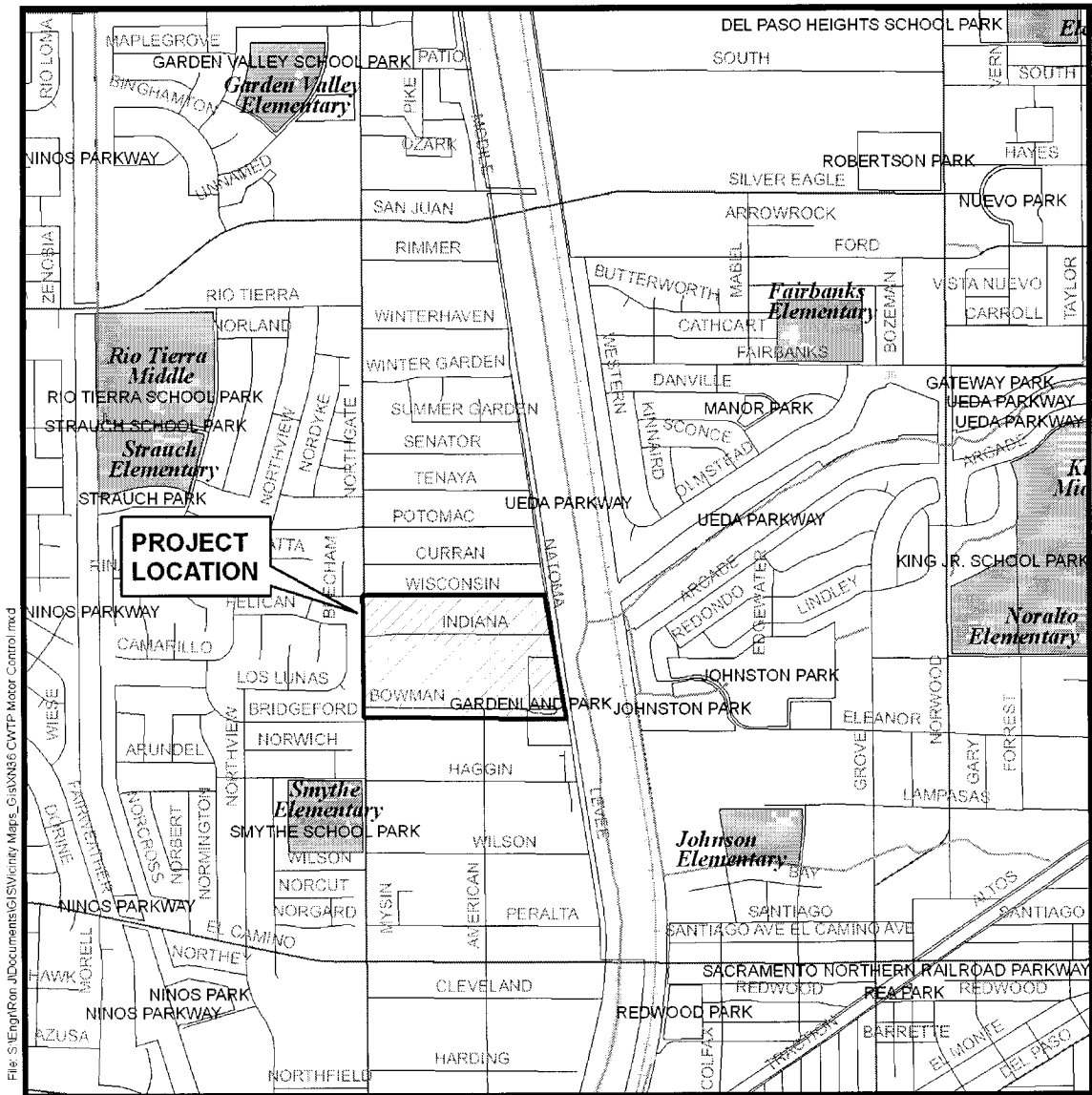
1 Project Location Map pg. 4

2 Background pg. 5

3 Resolution pg. 6

### ATTACHMENT 1

#### WISCONSIN, INDIANA AND BOWMAN AVENUES WATER MAIN REPLACEMENT PROJECT (PN: ZS02)



File: S:\Eng\In\on\_ID\Documents\GIS\Vicinity Maps\_GIS\XN86 CWTP Motor Control.mxd



Map Prepared By  
City of Sacramento  
Department of Utilities



**Attachment 2**

**BACKGROUND**

This project is the first to replace water distribution mains and install water meters in the Gardenland area. The existing water distribution system consists of thin-walled steel water mains located in residential backyards. These dilapidated mains require frequent maintenance to repair leaks and have reached the end of their useful life. Also, fire protection in the project area does not meet current City standards due to hydrant spacing in excess of 500 feet on center.

The project area was incorporated into the City's Water Meter Retrofit Program. The goal of this program is to meet the requirements of Assembly Bill 2572 and City Ordinance 2005-090, which require the installation of a water meter on all service connections by the year 2025.

The project objective is to improve water system reliability, increase fire protection, and meet AB 2572 requirements. These goals will met by:

- Abandoning 4- to 6-inch diameter steel backyard water mains, and constructing 1,700 lineal feet of new 8-inch diameter water main in Indiana Avenue.
- Installing new fire hydrants to meet current standards.
- Constructing some 66 new metered residential services, and installing meters on approximately six (6) existing residential services.

To provide information to the residents within the project area, the Department of Utilities has an Outreach plan to provide:

- Project information to the Neighborhood Association.
- Preconstruction notification postcards and project signs.
- Informational door hangers posted by the Contractor at project milestones.
- Water conservation packets to residents following water meter installation.

This project was advertised and eight (8) bids were received and opened on April 18, 2007. The bids were as follows:

Contractor	Bid Amount
Navajo Pipelines Inc	\$379,653
L R Gomez Construction	\$403,800
Civil Engineering Construction	\$435,100
K&L General Engineering	\$438,033
Newland Entities	\$438,632
West Valley Construction	\$439,550
Florez Paving Inc	\$571,303
Sierra National Construction	\$640,650

The engineer's estimate was \$450,000.

**RESOLUTION NO.**

Adopted by the Sacramento City Council

**AWARD CONTRACT  
FOR THE WISCONSIN, INDIANA, & BOWMAN AVENUES  
WATER MAIN REPLACEMENT PROJECT (PN: ZS02)**

**BACKGROUND**

- A. The existing water distribution system in the project area is deteriorated and at the end of its useful life. In order to improve reliability, health, and safety, City Council approved the Wisconsin, Indiana, & Bowman Avenues Water Main Replacement Project (ZS02) budget in fiscal year 2005/2006.
- B. City staff has prepared a set of plans and specifications to construct 1,700 lineal feet of new water distribution main complete with new services, water meters, and fire hydrants.
- C. The project was advertised for bidding, and bids were received on April 18<sup>th</sup>, 2007 from eight responsive bidders. Navajo Pipelines was the lowest responsible bidder at \$379,653.

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

- Section 1. The contract plans and specifications for the Wisconsin, Indiana, & Bowman Avenues Water Main Replacement Project (PN: ZS02) are approved, and the contract is awarded to Navajo Pipelines for an amount not to exceed \$379,653.