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APPROVED
BY THE CITY COUNCIL

MAR 18 1997

OFFICE OF THE
CITY CLERK

5730 - 24TH STREET
BUILDING FOUR
SACRAMENTO, CA
95822-3699

PH 916-433-6240
FAX 916-399-0263

DEPARTMENT OF
FINANCE

PROCUREMENT SERVICES DIVISION

CITY OF SACRAMENTO
CALIFORNIA

March 11, 1997
PS:Admin:97008:RBH:SA:bd

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: APPROVAL OF THE NEGATIVE DECLARATION, ADOPTION OF THE MITIGATION REPORTING PLAN, ADOPTION OF SPECIFICATIONS AND AWARD OF BID NO. 1740 FOR PIPE FOR THE NORTH NATOMAS WATER TRANSMISSION MAIN EXTENSION (PHASE 3) PROJECT, IN THE TOTAL AMOUNT OF \$487,473.80

LOCATION AND COUNCIL DISTRICT:

This project is located in the North Natomas area, parallel to the East Drainage Canal in District No. 1.

RECOMMENDATION:

Staff recommends that the City Council adopt the attached Resolution which:

- ◆ Approves the Negative Declaration (Exhibit "1") and adopts the Mitigation Reporting Plan (Exhibit "2") for the North Natomas Water Transmission Main Extension (Phase 3) Project; and
- ◆ Adopts specifications, accepts the lowest responsible bid for the contract resulting from Bid No. 1740 for the purchase of water transmission pipe, and authorizes the City Manager to execute the purchase from Ameron International, Tracy, CA, in the total amount of \$487,473.80.

CONTACT PERSONS: Candace A. McGahan, Senior Engineer, 433-6617
Steve Alstrom, Buyer II, 433-6343

FOR COUNCIL MEETING OF: March 18, 1997

SUMMARY:

The Negative Declaration and the Mitigation Reporting Plan for the North Natomas Water Transmission

Main Extension (Phase 3) Project are attached to this report (Exhibits "1" and "2"). Also attached is a tabulation of sealed proposals (Attachment "1") received by the City Clerk for furnishing material in accordance with the specifications used in the bidding process, and recommendation for award of Bid No. 1740 for the purchase of water transmission pipe for the project.

BACKGROUND:

Future development of North Natomas requires construction of a water transmission main for water supply. This is a materials-only contract to purchase approximately 8,800 feet of water transmission pipe for placement parallel to the East Drainage Canal in North Natomas. Construction of the water transmission main is expected to be bid by the Utilities Department in May and awarded in June, pending City Council approval. Procurement of the long-lead-time piping separately now will help ensure that this project is completed on schedule.

Staff recommends that the contract for the procurement of the water pipe be awarded to Ameron International, 10100 West Linne Road, Tracy, CA 95376, in a total amount of \$487,473.80. Theirs was the lowest responsible bid received, as shown in the attached bid tabulation.

FINANCIAL CONSIDERATIONS:

Funds for this purchase are available in the Water Fund Capital Improvement Program 413-500-ZC32. The unobligated balance in the project is \$1,840,462.00 as of February 24, 1997.

ENVIRONMENTAL CONSIDERATIONS:

In accordance with the State Guidelines for implementation of the California Environmental Act (CEQA) of 1970, the Planning Services Division, Environmental Section, has reviewed the proposed construction project for which this pipe is to be procured. The review has resulted in the determination that the proposed project will not have a significant adverse impact on the environment and a Negative Declaration was prepared.

A Notice of Availability for public review and comment of the Negative Declaration was published in a local paper on January 16, 1997. The 30 day comment period has elapsed and no comments were received. This report recommends approval of the attached Negative Declaration and adoption of the attached Mitigation Reporting Plan.

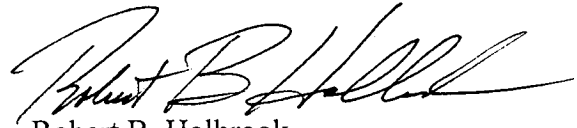
POLICY CONSIDERATIONS:

This recommendation is consistent with the requirements for competitive bidding as detailed in Title 57 of the Sacramento City Code.

MBE/WBE EFFORTS:

Requests for bid (RFB) for the water transmission pipe were sent to eleven (11) prospective bidders, four (4) of which are Minority or Woman-Owned Business Enterprises. Of the two responses received, neither was from an M/WBE firm.

Respectfully Submitted,



Robert B. Holbrook
Procurement Services Manager

RECOMMENDATION APPROVED:


WILLIAM H. EDGAR
City Manager

4 Attachments

**BID TABULATION FOR
BID NO. 1740 - NORTH NATOMAS WATER
TRANSMISSION MAIN EXTENSION (PHASE 3) PIPE**

<u>Bidders</u>	<u>Total Bid</u>	<u>M/WBE Preference</u>	<u>Prompt Payment Discount</u>	<u>City Tax Preference</u>
Northwest Pipe Co.	\$632,748.30	None	None	None
Ameron International	\$487,473.80	None	None	None

Award of Contract To: Ameron International
10100 West Linne Road
Tracy, CA 95376

Original Estimated Cost: \$730,000.00 **Total Bid Amount:** \$487,473.80
Total Amount of Contract: \$487,473.80 **Using Department:** Utilities Department
Bid Due Date: February 19, 1997

<u>Total No. of Bids Solicited</u>	<u>No. of M/WBE Bids Solicited</u>	<u>No. of M/WBE Responses</u>	<u>Award to M/WBE Vendor?</u>
11	4	0	No

APPROVED
BY THE CITY COUNCIL

MAR 18 1997

OFFICE OF THE
CITY CLERK

RESOLUTION NO. 97-139

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

**A RESOLUTION APPROVING THE NEGATIVE DECLARATION,
ADOPTING THE MITIGATION REPORTING PLAN, ADOPTING THE
SPECIFICATIONS AND AWARDED BID NO. 1740 FOR THE
PURCHASE OF PIPE FOR THE NORTH NATOMAS WATER
TRANSMISSION MAIN EXTENSION (PHASE 3) PROJECT**

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO that:

WHEREAS, the City of Sacramento conducted an Initial Study to determine if the above Project may have a significant effect on the environment; and

WHEREAS, the Initial Study concluded that there is no substantial evidence that the Project, including identified mitigation measures, may cause a significant effect on the environment, and a Negative Declaration is therefore appropriate; and

WHEREAS, the Negative Declaration for the Project was circulated for public review in accordance with the California Environmental Quality Act and no comments were received.

THEREFORE BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO that:

1. The City Council hereby ratifies and approves the North Natomas Water Transmission Main Extension (Phase 3) Negative Declaration (Exhibit "1"), finding on the basis of the Initial Study that there is no substantial evidence that such project, including the mitigation measures described in the Initial Study, may have a significant effect on the environment.
2. The City Council hereby adopts the North Natomas Water Transmission Main Extension Mitigation Reporting Plan (Exhibit "2") to ensure compliance with mitigation measures specified in the Initial Study during project implementation.

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____

3. The City Council hereby adopts the specifications for Bid No. 1740 for the purchase of pipe for the North Natomas Water Transmission Main Extension (Phase 3), and awards the contract for Bid No. 1740 to Ameron International, in an amount of \$487,473.80.

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____

(6)



DEPARTMENT OF
PLANNING AND DEVELOPMENT

CITY OF SACRAMENTO
CALIFORNIA

1
1231 I STREET
ROOM 200
SACRAMENTO, CA
95814-2998

NEGATIVE DECLARATION

BUILDING INSPECTIONS
916-449-5716

PLANNING
916-449-5604

The Environmental Services Manager of the City of Sacramento, California, a municipal corporation, does prepare, make, declare, and publish this Negative Declaration for the following described project:

CIP# ZC-32- The City of Sacramento proposes to construct a 36-inch water transmission main which will tie into the existing 36-inch main on the north side of Arco Arena Blvd., continue north, tie into the 36-inch segment crossing Stadium Blvd., connect to the 36-inch segment on the Capital Gateway Reservoir property, and continue north to Del Paso Rd. The 36-inch main will tie into the existing 12-inch distribution main and an additional 12-inch and 24-inch turn-out will be placed at Del Paso Road for future development. Approximately 5,300 feet of new 36-inch main will be installed.

The City of Sacramento, Department of Planning and Development, Environmental Services Division, has reviewed the proposed project and has determined that the project, with mitigation measures, as identified in the attached Initial Study, as resolved, will not have a significant effect on the environment. An Environmental Impact Report is not required pursuant to the Environmental Quality Act of 1970 (Division 13 of the Public Resources Code of the State of California).

This environmental review process and Negative Declaration filing is pursuant to Title 14, Division 6, Chapter 3, Article 6, Section 15070 of the California Administrative Code and pursuant to the Sacramento Local Environmental Regulations (Resolutions 78-171) adopted by the City of Sacramento and pursuant to Sacramento City Code, Chapter 63.

A copy of this document may be reviewed/obtained at the City of Sacramento, Department of Planning and Development, Environmental Services Division, 1231 T Street, 3rd Floor, Sacramento, California 95814.

Environmental Services Manager of the
City of Sacramento, California,
a municipal corporation

By: _____

CITY OF SACRAMENTO

INITIAL STUDY

This Initial Study has been required and prepared by the Department of Planning and Development, Environmental Services Division, 1231 I Street, Room 301, Sacramento, CA 95814, (916) 449-2037, pursuant to CEQA Guidelines, Section 15063 (August 1, 1983).

File No. and/or Project Name: ZC-32, North Natomas Water Main Extension (Phase III)
Project Location: North Natomas, parallel to East Drain, between Del Paso Road and Truxel Rd.
Applicant - Name: Dept. of Utilities
Address: 5770 Freeport Blvd.
Sacramento, CA 95822

ENVIRONMENTAL IMPACTS

	<u>YES/MAYBE/NO</u>
1. <u>Earth.</u> Will the proposal result in:	
a. Unstable earth conditions or in changes in geologic substructures?	<u>No</u>
b. Disruptions, displacements, compaction or overcovering of the soil?	<u>Yes</u>
c. Change in topography or ground surface relief features?	<u>NO</u>
d. The destruction, covering or modification of any unique geologic or physical features?	<u>No</u>
e. Any increase in wind or water erosion of soils, either on or off the site?	<u>No</u>
f. Changes in deposition or erosion of beach sands, or changes in siltation deposition or erosion which may modify the channel of a river, stream, inlet or lake?	<u>No</u>
g. Exposure of people or property to geologic hazards such as earthquakes, ground failure, or similar hazards?	<u>No</u>
2. <u>Air.</u> Will the proposal result in:	
a. Substantial air emissions or deterioration of ambient air quality?	<u>maybe</u>
b. The creation of objectionable odors?	<u>No</u>
c. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	<u>No</u>
3. <u>Water.</u> Will the proposal result in:	
a. Changes in currents, or the course of direction movements, in either marine or fresh waters?	<u>No</u>
b. Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff?	<u>Maybe</u>
c. Alterations to the course of flow of flood waters?	<u>No</u>
d. Change in the amount of surface water in any water body?	<u>No</u>
e. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?	<u>No</u>
f. Alteration of the direction or rate of flow of ground waters?	<u>No</u>
g. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	<u>Maybe</u>
h. Substantial reduction in the amount of water otherwise available for public water supplies?	<u>No</u>
i. Exposure of people or property to water related hazards such as flooding?	<u>No</u>

4. **Plant Life.** Will the proposal result in:
- a. Change in the diversity of species, or number of any species of plants? No
 - b. Reduction of the numbers of any unique, rare or endangered species of plants? No
 - c. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species? No
 - d. Reduction in acreage of any agricultural crop? No Maybe
5. **Animal Life.** Will the proposal result in:
- a. Change in the diversity of species, or number of any species of animals? No
 - b. Reduction of the numbers of any unique, rare or endangered species of animals? No
 - c. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals? No
 - d. Deterioration of existing fish or wildlife habitat? maybe
6. **Noise.** Will the proposal result in:
- a. Increases in existing noise levels? maybe
 - b. Exposure of people to severe noise levels? No
7. **Light and Glare.** Will the proposal produce new light or glare? No
8. **Land Use.** Will the proposal result in a substantial alteration of the present or planned land use of an area? No
9. **Natural Resources.** Will the proposal result in:
- a. Increase in the rate of use of any natural resources: No
 - b. Substantial depletion of any nonrenewable natural resource? No
10. **Risk of Upset.** Does the proposal involve:
- a. A risk of an explosion or the release of hazardous substances (including but not limited to, oil, pesticides, chemicals or radiation) in the event of an accident or upset conditions? No
 - b. Possible interference with an emergency response plan or an emergency evacuation plan? No
11. **Population.** Will the proposal alter the location, distribution, density, or growth rate of the human population of an area? No
12. **Housing.** Will the proposal affect existing housing, or create a demand for additional housing? No
13. **Transportation/Circulation.** Will the proposal result in:
- a. Generation of substantial additional vehicular movement? No
 - b. Effects on existing parking facilities, or demand for new parking? No
 - c. Substantial impact upon existing transportation systems? No
 - d. Alterations to present patterns of circulation or movement of people and/or goods? No
 - e. Alterations to waterborne, rail or air traffic? No
 - f. Increase in traffic hazards to motor vehicles, bicyclists or pedestrians? No

14. **Public Services.** Will the proposal have an effect upon, or result in need for new or altered governmental services in any of the following areas:
- a. Fire protection? No
 - b. Police protection? No
 - c. Schools? No
 - d. Parks or other recreational facilities? No
 - e. Maintenance of public facilities, including roads? NO
 - f. Other governmental services? maybe
15. **Energy.** Will the proposal result in:
- a. Use of substantial amounts of fuel or energy? No
 - b. Substantial increase in demand upon existing sources of energy or require the development of new sources of energy? No
16. **Utilities.** Will the proposal result in a need for a new system, or substantial alterations to the following utilities:
- a. Power or natural gas? No
 - b. Communications systems? No
 - c. Water? maybe
 - d. Sewer or septic tanks? No
 - e. Storm water drainage? No
 - f. Solid waste and disposal? No
17. **Human Health.** Will the proposal result in:
- a. Creation of any health hazard or potential health hazard (excluding mental health)? No
 - b. Exposure of people to potential health hazards? No
18. **Aesthetics.** Will the proposal result in the obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view? No
19. **Recreation.** Will the proposal result in an impact upon the quality or quantity of existing recreational opportunities? No
20. **Cultural Resources.**
- a. Will the proposal result in the alteration or destruction of a prehistoric or historic archaeological site? Maybe
 - b. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure or object? No
 - c. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values? No
 - d. Will the proposal restrict existing religious or sacred uses within the potential impact area? No
21. **Mandatory Findings of Significance.**
- a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? No
 - b. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals? (A short-term impact on the environment is one which occurs in a relatively brief, definitive period of time while long-term impacts will endure well into the future.) No

- c. Does the project have impacts which are individually limited, but cumulatively considerable? (A project may impact on two or more separate resources where the impact on each resource is relatively small, but where the effect of the total of those impacts on the environment is significant.) No
- d. Does the project have environment effects which will cause substantial adverse effects on human beings, either directly or indirectly? No

MITIGATION MEASURES

- The applicant has agreed to revise the project to incorporate the mitigation measures contained in Attachment A, Discussion of Initial Study.
- A discussion of the project's impacts is contained in Attachment A, Discussion of Initial Study. No Mitigation is required for this project.

REFERENCES

- City of Sacramento General Plan Update EIR, 1988
- City of Sacramento Zoning Ordinance
- North Natomas Community Plan EIR
- South Natomas Community Plan EIR & SEIR
- Airport-Meadowview Community Plan EIR
- North Sacramento Community Plan EIR
- South Sacramento Community Plan EIR
- Pocket Community Plan Update
- Downtown Redevelopment Plan Update and EIR, 1985
- Central City Community Plan EIR
- ITE Trip Generation Manual, Fifth Edition
- South Coast Air Quality Maintenance District "Air Quality Handbook for Preparing EIR's"
- Land Use Planning Policy Within the 100 Year Flood Plain in the City and County of Sacramento EIR
- Urbemis - 3
- Emfac 7 PC
- CALINE 4
- Traffic Study _____
- Noise Study _____
- Preliminary Site Assessment: _____
- Other: SMAQMD handbook, North Natomas cultural resource surveys (Northborough Drainage system)
North Natomas Comprehensive Drainage Plan DEIR

DETERMINATION

On the basis of this initial evaluation:

- I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described in this Initial Study have been added to the project. A NEGATIVE DECLARATION WITH MITIGATION MEASURES WILL BE PREPARED.
- I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

DATE: 12/30/96

SIGNATURE: David M. [Signature]

ATTACHMENT A

DISCUSSION OF INITIAL STUDY
ADDENDUM

CIP# ZC-32, NORTH NATOMAS WATER TRANSMISSION MAIN, PHASE III

Project Information

Project Number: CIP ZC-32

Project Name: North Natomas Water Transmission Main, Phase III

Project Applicant: City of Sacramento, Department of Utilities

Project Location: North Natomas Community Plan area, adjacent to the East Drainage Canal, between Del Paso Road and Arco Arena Boulevard

This document is prepared by the City of Sacramento as an addendum to the Negative Declaration for the North Natomas Water Transmission Main (September 1989). The addendum is being prepared pursuant to the California Environmental Quality Act (CEQA) Guidelines.

The State Resources Agency has adopted several new CEQA Guidelines which became effective on September 19, 1994. These new CEQA Guidelines include the following amendments:

- The Guidelines now authorize the use of an addendum to a negative declaration (CEQA Guidelines, Sections 15162, 15164 (as amended)). After adoption of a negative declaration, an addendum to the negative declaration may be prepared if the lead agency determines that the project changes, changed circumstances, or new information does not require the preparation of a subsequent EIR or negative declaration.

This document amends the project description to reflect the changes made by the Utilities Department to the original project evaluated in 1989 as the North Natomas Transmission Main Extension Phase I and Phase II. Phase I and Phase II were completed in late 1989 and mid 1991, respectively. The Phase I and II project did not cover the entire stretch of the Transmission Main, and the Phase I and II project was not all built at that time. This document addresses the additional length of Transmission Main that was not previously evaluated, and it addresses those portions of the Main that were evaluated in 1989, but never constructed. The previously discussed issues of the 1989 Negative Declaration are reaffirmed.

Revised Project Description

The property is located in the North Natomas Community Plan area of the City of Sacramento, on the west side of, and parallel to, the East Drainage Canal. The north-south limits of the project are Del Paso Road and Arco Arena Boulevard (Please see Attachment B). The 1986-2006 Sacramento General Plan Update (SGPU) designates the site as Parks, Recreation, and Open Space, and the 1994 North Natomas Community Plan designates the site as an area dedicated to the East Drainage Canal and other infrastructure.

In 1989, the City pursued the installation of the North Natomas Water Transmission Main, which included the construction of a 36-inch transmission main from the existing reservoir (Capital Gateway Reservoir) south of Del Paso Road near the East Drainage Canal to West El Camino Avenue and Azevedo Drive. A Negative Declaration was prepared to address this project. However, not all sections of the transmission main were built at that time. The portions that were not constructed in 1989 are identified as the new project (as described below), and as such, are the subject of this environmental document.

The proposed project consists of a 36-inch water transmission main which will tie into the existing 36-inch main on the north side of Arco Arena Boulevard, continue north, tie into the 36-inch segment crossing Stadium Boulevard, connect to the 36-inch segment on the Capital Gateway Reservoir property, and continue north to Del Paso Road. The 36-inch main will tie into the existing 12-inch distribution main and an additional 12-inch and 24-inch turn-out will be placed at Del Paso Road for future development as anticipated in the original 1986 North Natomas Community Plan and its 1994 update. Approximately 5,300 feet of new 36-inch main will be installed.

The Utilities Department has a 20-foot water easement on the west side of the East Drainage Canal (East Drain) from Arco Arena Boulevard north to the Capital Gateway Reservoir. A 1,639-foot water easement needs to be obtained for the property north of the reservoir to Del Paso Road. The alignment of the 36-inch Transmission Main shall be parallel to the East Drain on the west side of the water easement. A wider easement may be necessary once the County Sanitation District establishes the alignment of an 84-inch sewer interceptor which may run parallel to the proposed water transmission main.

Environmental Effects

This proposal has been evaluated under the City of Sacramento's 1986-2006 General Plan Update Draft Environmental Impact Report (SGPU EIR) and the 1986 North Natomas Community Plan Draft Environmental Impact Report (NNCP DEIR) and 1993 North Natomas Supplemental Draft Environmental Impact Report (NNCP SDEIR). The purpose of this analysis is to provide documentation for the answers provided on the Initial Study checklist, as well as to provide a factual basis for determining whether the proposed project will have a significant effect on the environment.

South Natomas Impacts

~~Paragraph 13 of the North Natomas Settlement Agreement states that:~~

In order to properly consider the significant direct and indirect impacts of North Natomas development on South Natomas, the City and Council agree that all initial studies, negative declarations, and EIRs concerning development in North Natomas shall address specifically all potentially significant impacts on South Natomas, including any adverse impacts arising out of each adopted mitigation measure and project alternative.

The proposed completion of the North Natomas Water Transmission Main is not anticipated to result in any new impacts that have not been previously addressed. Because the proposed project is consistent with the original and amended North Natomas Community Plan, the proposed project is not anticipated to result in any significant impacts to the communities of North and South Natomas beyond those impacts previously identified and discussed in the original 1986 North Natomas Community Plan EIR and the Supplemental EIR prepared and certified in connection with the 1994 North Natomas Community Plan Update.

1. Earth

According to Exhibit T-2 of the City of Sacramento General Plan Update (SGPU) EIR, the site is underlain by Holocene Floodplain Deposits and the Victor formation. Holocene Floodplain Deposits are unconsolidated sands, silts, and clays formed from flooding of the American and Sacramento rivers, and these generally are moderately to highly permeable. The Victor formation is a complex mixture of consolidated, ancient riverborne sediments of all textures. Weathering subsequent to formation during the Ice Age has typically caused a hardpan layer to develop near the surface, generally allowing only a moderate-to-low rate of rainwater infiltration (SGPU EIR, T-1). Exhibit T-4 of the SGPU further indicates that the site correlates with the Sailboat-Scribner-Cosumnes and Clear Lake soil types. The Sailboat-Scribner-Cosumnes soils type is defined as being very deep, somewhat poorly and poorly-drained soils that have a seasonal high water table and are protected by levees. The Clear Lake soil type can be described as deep and somewhat poorly-drained soils that have a seasonal high water table, are protected by levees, and have a clayey texture.

The proposed project will result in excavation, compaction and overcovering of soil to provide a proper foundation for the 36" transmission main. The subject site is designated for urban uses in the General Plan. No unique geologic features are known to occur on the site. Development within the SGPU area is subject to potential damage from earthquake groundshaking at a maximum intensity of VIII of the Modified Mercalli Scale (SGPU, EIR, pg. T-16). Currently, the City requires that all new structures be designed to withstand this intensity level, since the City is within Zone 3 of the UBC's Seismic Risk Map of the United States (SGPU, EIR, pg. T-20). No new structures are being developed as a part of this project; this project only considers the placement of a water transmission main.

All grading activities associated with site development are required to comply with the City's Grading, Erosion, and Sediment Control Ordinance (Ordinance# 93-068). This ordinance will require the City's Utilities Department to prepare erosion, sediment and pollution control plans for both during and after construction of a proposed project, and preliminary and final grading plans. These plans will identify Best Management Practices (BMPs) to be implemented in order to address sediment and erosion control. The Best Management Practices (BMPs) shall be approved by the City's Department of Utilities, Engineering Services Division, 5770 Freeport Boulevard, Suite 100, Sacramento, California.

A less-than-significant earth impact is anticipated.

2. Air

Pollutants

The air quality of a region is determined by the quantities and type of pollutants emitted, and by the concentrations and accumulations of those pollutants under the influences of local meteorology and topography. The 1986-2006 SGPU EIR identified urban emission sources as the primary source for existing air quality problems. Major sources of air pollutants in the Sacramento area are: vehicle exhausts; solvent use; pesticide applications; petroleum processing, transfer and storage; industrial processes; and agricultural and waste burning. The automobile is the largest single source category for carbon monoxide, hydrocarbons and oxides of nitrogen. The 1986-2006 SGPU EIR states that federal air quality standards for ozone and carbon monoxide are being exceeded several times per year in Sacramento County (Z-6).

Ozone: Ozone is a secondary pollutant produced over time by a complicated series of chemical reactions involving nitric oxide, nitrogen oxide, various organic compounds, ultraviolet light, and normal components of the atmosphere. Ozone problems have been identified as the cumulative result of regional development patterns, rather than the result of a few incrementally significant emission sources (SGPU EIR, Z-9).

Carbon Monoxide: Carbon monoxide (CO) is primarily a winter period pollution problem. The 1986-2006 SGPU EIR states that motor vehicle emissions are the dominant source of CO in most areas (SGPU EIR, Z-17). The document further states that CO problems are usually localized, often the result of a combination of high traffic volumes and significant traffic congestion (Z-17).

Particulate Matter: In Sacramento County, airborne dust or particulate matter (PM-10) emissions are generated by a variety of sources. The primary sources of PM-10 in Sacramento County are entrained road dust and construction and demolition activities. The quantity of {PM-10 is a function of soil type and moisture content. Health concerns associated with suspended particles focus on those particles small enough to reach the lungs when inhaled. Ambient PM-10 standards are designed to prevent respiratory disease and protect visibility.

Project Impacts

~~The concern for air quality impacts from the proposed project is not based on the generation or creation of a need for additional vehicle trips, since the project is not creating a new destination or origin for a vehicle trip. Rather, the concern for air quality impacts from the proposed project can be attributed to the emissions associated with the construction activities.~~

By following the methods and using the factors provided by the Sacramento Metropolitan Air Quality Management District's (SMAQMD) in the Air Quality Thresholds of Significance (1994), the grading associated with the proposed water transmission main would result in approximately 35 pounds per day (based on 1/2 acre of grading) of particulate matter (PM-10), which would not exceed the 275 pound per day threshold established by the SMAQMD. In addition, the emissions from the construction equipment is not anticipated to exceed the SMAQMD's significance thresholds for ROG and NOX, due to the relatively small size of the project.

As indicated above, development of the site will result in short term particulate matter impacts. The Sacramento City Code (SCC) states that any person who has been issued a building permit shall take responsible precautions to prevent and control movement of dust created by work activities. If a project is in violation of this article, the Building Department Director may order the work to be stopped (Sections 9.381, 9.382). Enforcement of these sections under the SCC regarding proper maintenance of a job site will ensure that there is a less-than-significant impact upon air quality due to particulate matter.

The City of Sacramento is a non-attainment area for ozone, carbon monoxide, and particulate matter. Ozone problems and localized carbon monoxide increases in the Sacramento region resulting from traffic associated with the Sacramento General Plan Update (SGPU) buildout represent unavoidable significant adverse impacts (SGPU EIR, Z-60 and Z-67). For the 1986-2006 SGPU EIR, a Statement of Findings and Overrides was adopted by the City Council to address unavoidable significant adverse impacts to air quality. The project proposes to develop the site within the density level that is allowed.

This project will contribute to the air quality impacts identified in the SGPU EIR; however, it is not expected to contribute pollutants beyond those identified. Construction of the proposed project will require the use of construction equipment which produce air emissions. However, emissions from construction vehicles would be short-term in nature and are anticipated to create a less-than-significant air quality impact.

3. Water

The proposed project is located within an area of the 100-year floodplain designated as Zone A-99 on the Sacramento Community's Official Flood Insurance Rate Map dated November 15, 1989. Under applicable provisions of the Sacramento City Code new development is permitted on the project site provided building permit applicants, by agreement with the City, assume the

risk of all flood-related damage to any permitted new construction, agree to notify subsequent purchasers of the flood risk, and ensure that any new construction complies with City-imposed design restrictions aimed at reducing the risk of flood-related property damage and personal injury.

The construction of a non-residential building or a residential/commercial building (i.e. hotels and motels) in the Natomas area are subject to the current building restrictions in Article XXVII of Chapter 9 of the City Code. However, because no new structures are being developed as a part of this project and this project only considers the placement of a water transmission main, these building restrictions are not applicable to this project. A less-than-significant water impact is anticipated.

4/5. Plant/Animal Life

The subject site would be categorized as "old field" habitat according to the General Plan (SGPU, EIR, pg. U-12). This habitat type is typically degraded when situated in urban surroundings. Old field habitat does provide some wildlife habitat, but loss of this habitat in the SGPU area is considered less-than-significant (SGPU, EIR, pg. U-28). Given the location of this project in the mostly-undeveloped Natomas area, there are some elements of plant and animal life that require more discussion, as provided below.

To further evaluate the site's biological resources, a site visit was made on December 16, 1996. This site visit showed that the area where the 36" water main will be located consists of disked-up fields, with very minimal vegetation. There is one tree located in the vicinity of the project site, adjacent to the East Drainage Canal and Truxel Road. However, this tree will not be affected by the installation of the water main since the water main will be installed 65' ± away from the edge of the canal.

Again because of this project's location in Natomas, and its proximity to a drainage canal, there are biological concerns associated with several animal species, which are discussed in more detail below. Although the Natural Diversity Data Base (NDDDB) has records of six special-status plant species, none of these plant species are present on the project site, and are therefore, not a concern. The animal species discussions is as follows:

Cliff Swallows

Cliff swallows have been observed nesting under bridges along the East Drainage Canal. Impacts to cliff swallows are not anticipated since no direct construction within the East Drainage Canal (or on bridges crossing the canal) will occur.

Valley Elderberry Longhorn Beetle (VELB) Habitat

Surveys conducted in 1996 have revealed that there is some VELB habitat along the East Drainage Canal. However, this habitat is located just north of Interstate 80, approximately 1/2

mile to the south of this project's limits. Impacts to VELB habitat are not anticipated due to the project's distance away from the known VELB habitat location.

Burrowing Owl

Suitable burrowing owl nesting habitat occurs along the east levee of the East Drainage Canal, although there are no records for this species along the East Drainage Canal. Surveys in 1996 confirmed that this species was not present in the project area, therefore impacts to burrowing owls are not anticipated.

Northwestern Pond Turtle

Suitable northwestern pond turtle habitat occurs along the East Drainage Canal, although there are no records for this species. The East Drainage Canal is considered low-quality pond turtle habitat because there are no basking sites or other types of cover. No turtles were observed during 1996 surveys, therefore, impacts to the northwestern pond turtle are not anticipated. In addition, no direct construction within the East Drainage Canal will occur.

Swainson's Hawk

The Swainson's hawk is a state-listed Threatened species. The species historically nested in woodland habitats and foraged in native grassland habitats of the Central Valley. These habitats have been lost because of the conversion of native grassland and woodland habitats to agricultural uses. This conversion has contributed to the estimated 90% decline in the statewide population (Bloom, 1980). Today, Swainson's hawks in the Central Valley forage in large, open agricultural habitats compatible with their foraging needs and nest primarily in remnant riparian woodlands (Estep, 1989).

Although the area where the water main will be placed can be considered foraging habitat for the Swainson's hawk, a less-than-significant impact on foraging habitat is anticipated as a result of this project. The proposed project will excavate a trench for installing the new water main, however, this condition will be temporary, since the surface of the ground will be restored to its original condition. The impact on foraging habitat is considered to be less-than-significant, since the proposed project does not result in a permanent loss of available foraging lands. Impacts associated with a specific development plan that would result in a permanent loss of available foraging lands would be analyzed under CEQA when the development proposal is made.

Giant Garter Snake

The Giant Garter Snake is a federally- and state-listed Threatened species. Giant Garter Snakes spend most of their active lives near slow-moving streams or sloughs that support stands of emergent vegetation for cover and prey species such as small fish and invertebrates (Stebbins 1985). Giant Garter snakes hibernate in adjacent upland habitats, especially grasslands, often using abandoned ground squirrel burrows as hibernation dens. Giant Garter Snakes are active

from April to mid-October. After the first part of October, the snakes begin to search for suitable winter retreats where they remain all winter (Brode, 1990).

The East Drainage Canal possesses characteristics which make it likely habitat of the Giant Garter Snake. Although no snakes were sighted, the area does represent potential habitat, and as such, it may contain Giant Garter Snakes. The potential for the proposed project to impact the Giant Garter Snake is reduced due to the distance away from the canal, and due to the timing of construction. The project will require the excavation of a 5-8' deep ditch, located 30-70' away from the edge of the canal. All of the work involves work on the land, and there are no plans to conduct any work within the canal. In addition, the construction of the water main will occur in the spring of 1997, during the snake's active period. The location of the project (in relation to the canal) will assure there are no impacts to the Giant Garter Snake by avoiding active snakes in the canal, and the timing will assist reducing impacts by avoiding hibernating snakes in the upland areas.

However, because Giant Garter Snakes could still be present, the City's Utilities Department has agreed to the following mitigation measure:

- A. To protect the giant garter snake during construction and other ground disturbances, the City's Utilities Department shall implement the following measures:
1. Whenever practical, wetlands, streams, sloughs, canals, and ditches shall be avoided by constructing around these habitats or boring under them.
 2. Construction activities on levees, levee slopes, and wetlands, including rice fields, shall be limited to the active period for the species (May 1 to September 30). Whenever practical, construction activities shall be restricted to one side of the canal. Spoils shall be placed in a designated location outside of wetland areas.
 3. Monitoring shall be conducted during construction activities. A qualified biologist, authorized to handle giant garter snakes, shall be present to identify and protect any giant garter snakes encountered. Any giant garter snakes found during construction shall be unharmed. If a giant garter snake is encountered in an area of active construction, DFG and USFWS shall be notified immediately. The biologist shall hand-capture the snake and move it to a safe habitat nearby.

By adhering to the above mitigation measure, a less-than-significant impact on plant and animal life is anticipated.

6. Noise

Portions of the linear project site are located in areas where the noise from local roadways (Del Paso Road and Arco Arena Boulevard) is expected to exceed the 60 dB limit for exterior environments specified by the City of Sacramento Noise Element at buildout of the General Plan. It is anticipated that the proposed project will have a noise impact associated with the construction activities, however, the proposed project will not expose people to severe noise levels, since the area in proximity to the construction activities is largely undeveloped and vacant.

City of Sacramento Noise Ordinance

Noise regulations pertaining to construction activities in the City's Noise Ordinance would be applicable to site development. Section 66.203 of the Ordinance exempts construction noise from the quantitative limits contained in the Noise Ordinance if the construction takes place between the hours of 7:00 am and 6:00 p.m., on Monday through Saturday, and between 9:00 a.m. and 6:00 p.m. on Sunday; provided, however, that the operation of an internal combustion engine is not exempt pursuant to this subsection if engines are not equipped with suitable exhaust and intake silencers.

The temporary noise impact from construction activities is anticipated to be minor in duration and nature, therefore, a less-than-significant noise impact is anticipated.

7. Light and Glare

The proposed project will not be installing exterior lighting on the project site, nor is there a potential for glare, since the facilities are made of non-reflective materials and will be placed underground. A less-than-significant light and glare impact is anticipated.

8. Land Use

The proposed project is consistent with the community plan land use designations. The proposed project is not expected to result in a substantial alteration of the present or proposed land use in the area.

The proposed project is located within an area of the 100-year floodplain designated as Zone A-99 on the Sacramento Community's Official Flood Insurance Rate Map (FIRM) dated November 15, 1989. Under applicable provisions of the Sacramento City Code, new development is permitted on the project site provided building permit applicants, by agreement with the City, assume the risk of all flood-related damage to any permitted new construction and agree to notify subsequent purchasers of the flood risk. As indicated previously, this project does not involve the development of any structures, therefore, the provisions stated above do not apply.

The proposed project consists of the installation of a water transmission main, and does not

involve any land use issues. A less-than-significant land use impact is anticipated.

9. Natural Resources

The proposed project will result in the loss of those natural resources associated with the construction of the project. The construction will require the expenditure of some natural resources, such as sand, stone, cement, and wood, however, the quantities to be used for this project are considered to be minor and will have an insignificant effect on the environment. Development of the site is not anticipated to significantly accelerate the use of natural resources or deplete non-renewable resources. A less-than-significant natural resources impact is anticipated.

10. Risk of Upset

The proposed project is not anticipated to require the use of toxic or hazardous materials. Should toxic or flammable materials be used or stored on site, a disclosure statement must be filed with the Fire Department which includes a list of these materials, the maximum amounts anticipated, and how and where these materials are stored and used. The Fire Department prepares an emergency plan which contains this information. The proposed project will result in a less-than-significant risk of upset.

11/12. Population/Housing

Because the proposed project is consistent with the North Natomas Community Plan, it is not anticipated to alter the location, distribution, density or growth rate of the human population or generate any additional demand for housing. A less-than-significant population and housing impact is anticipated.

13. Transportation/Circulation

The proposed project is not anticipated to generate or create additional trips. The proposed project will involve the placement of approximately 1 mile of 36" water transmission main. The proposed project does have the potential to create minor short-term traffic delays during the delivery of materials and construction of the project, however, these activities will be coordinated so as to minimize traffic impacts. Through contract specifications, the contractor will be required to furnish, install, and maintain temporary construction warning signs, flaggers, barricades, and other devices necessary to safeguard the general public and the workers, and to provide for the safe and proper routing of all vehicle, bicycle, and pedestrian traffic through the limits of the project area during construction activities. The use of flaggers, barricades, and construction warning signs must comply with the current edition of Work Area and Traffic Control Handbook (WATCH), as prepared by the Department of Public Works.

A less-than-significant impact on traffic and circulation is anticipated.

14-16. Public Services/Energy/Utilities

The proposed project is consistent with land use designations in the community plan upon which projections for public services, energy and utilities are made. The proposed project will have a less-than-significant impact on these services.

17. Human Health

The proposed project is not expected to result in the creation of health hazards, potential health hazards or expose people to potential health hazards. A less-than-significant human health impact is anticipated.

18. Aesthetics

The proposed project involves the installation of a new water transmission main underground. Obstruction of a scenic view and creation of an aesthetically offensive site is not anticipated to occur. A less-than-significant aesthetics impact is anticipated.

19. Recreation

The proposed project is not anticipated to significantly affect the quality and quantity of recreational facilities in the area. The proposed project will involve the installation of a new water transmission main. A less-than-significant impact on recreation resources is anticipated.

20. Cultural Resources

The subject site is located in a Primary Impact Area as defined by the SGPU (EIR, pg. V-5). In addition, other cultural resource surveys in the North Natomas area have indicated the potential for underground cultural resources. A 1985 records search indicated that no cultural resources had been reported for the project area at that time. An archaeological survey or portions of the project area conducted in the same year discovered one new site and many isolated surface artifacts indicating "...that other sites were present once but have been destroyed or obscured because of long-term land reclamation and agricultural activities. These conclusions do not, however, preclude the potential for buried archaeological deposits which cannot be detected through conventional reconnaissance methods".

A cursory check of records at the North Central Information Center was conducted in December 1996. Many cultural resources (archaeological sites and isolated artifacts) have been identified in the North Natomas Community Plan area since the 1985 records search. One cultural resource has been identified within the proximity of areas that will be affected by the project. This resource is an archaeological site (AF-34-14) that is located directly adjacent to the East Drainage Canal, north of Del Paso Road. This resource is not anticipated to be affected by the proposed project, since no construction activities for the project will be occurring north of Del Paso Road.

Two other resources are also present in the project area. The first is a road that began at what is now the Garden Highway and the Natomas Main Drainage Canal and extended for approximately 3 miles to the northwest. The second is the Reclamation District 1000, which has been determined to be eligible for listing in the National Register of Historic Places (NHRP) as a rural historic landscape district at the state level of significance from 1911 to 1939 under criterion A. The subject area of significance of this rural historic district is reclamation, and the historical context is the reclamation and flood control of the Sacramento River Basin within the Sacramento Flood Control Project. Construction activities associated with this project are not anticipated to impact these two resources; the roadway is not located near the proposed project, and the ground surface will be restored to its original condition following placement of the water transmission main, thereby avoiding altering the RD1000 historic district.

However, the potential for the discovery of subsurface resources during construction activities still exists. In order to address this potential, the City's Utilities Department has agreed to the following mitigation measure to reduce potential impacts to cultural resources to a less than significant level:

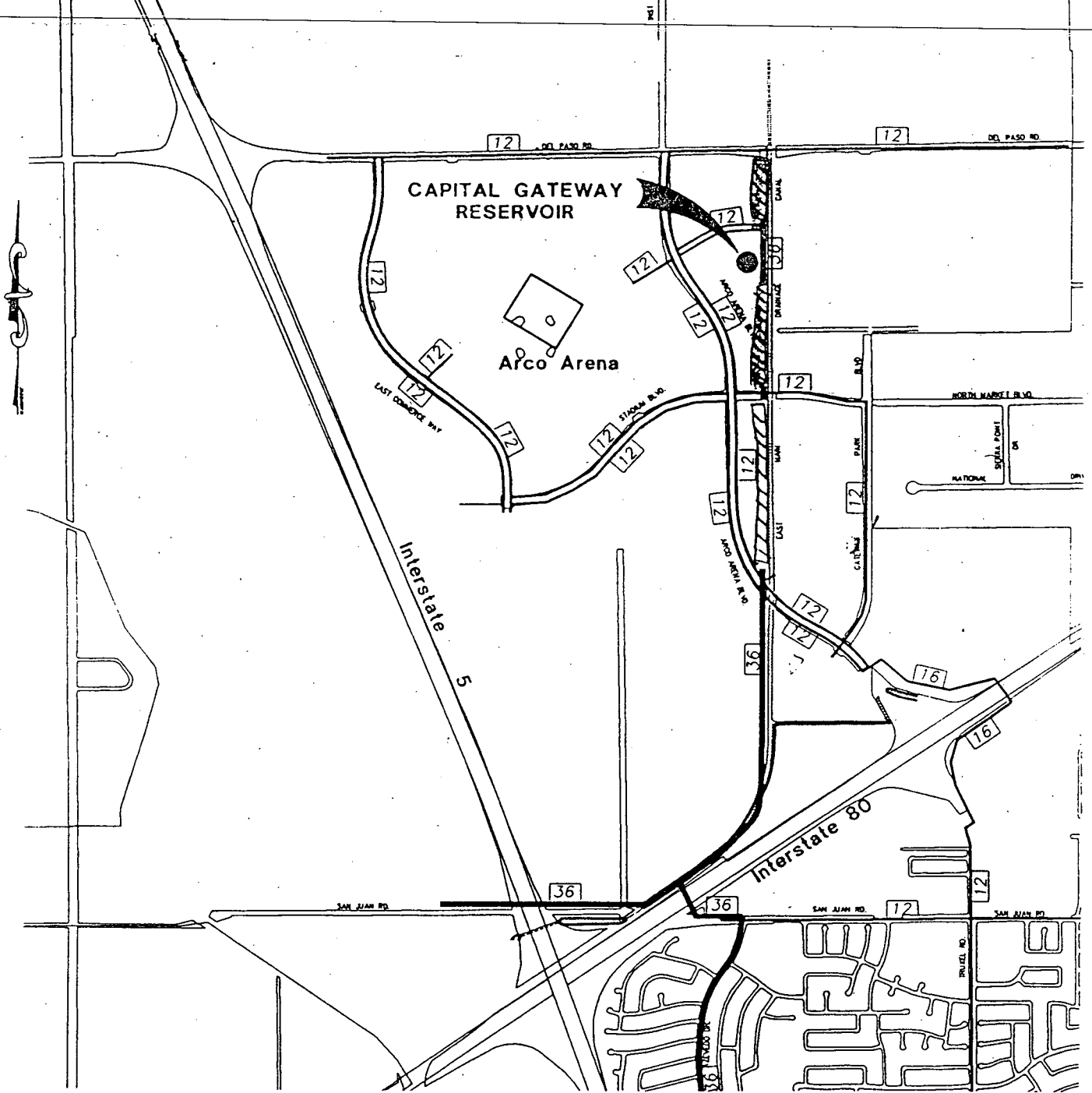
- B. If subsurface archaeological or historical remains (including unusual amounts of bones, stones, or shells) are discovered during excavation or construction of the site, work shall stop immediately and a qualified archaeologist and a representative of the Native American Heritage Commission shall be consulted to develop, if necessary, further mitigation measures to reduce any archaeological impact to a less-than-significant level before construction continues.


By adhering to the above mitigation measure, a less-than-significant cultural resources impact is anticipated.

FINDINGS REGARDING FLOOD-RELATED IMPACTS

1. The project, North Natomas Water Transmission Main (Phase 3), is located in the area of the City determined to have less than 100-year flood protection. Implementation of the Project will therefore expose people and property to the risk of injury and damage in the event of 100-year or lesser flood. These risks are considered significant adverse impacts under CEQA.
2. The City has evaluated these impacts in the Environmental Impact Report (EIR) prepared in connection with the Land Use Planning Policy Within the 100-Year Floodplain (M89-054) adopted by the City Council on February 6, 1990. The EIR is available through the Department of Planning and Development, 1231 I Street, Room 300, Sacramento, California. This document serves as a program EIR addressing the flood-related risks to people and property created by new development in the 100-year floodplain in the City.
3. Flood-related risks created by this project fall within the scope of the program EIR. Accordingly, the findings adopted by the Council in connection with its certification of the program EIR and its adoption of the Policy are applicable to and hereby adopted in connection with the Project. These findings are set forth in the Findings of Fact/Statement of Overriding Considerations for the Land Use Planning Policy Within the 100-Year Floodplain in the City of Sacramento ("Findings"). This document is appended to the Program EIR available through the Department of Planning and Development.

NORTH NATOMAS TRANSMISSION MAIN EXTENSION



 Place 36" ϕ T-main from Arco Arena Blvd north to Del Paso Rd.

MITIGATION REPORTING PLAN
FOR NORTH NATOMAS WATER TRANSMISSION MAIN (PHASE 3)
NEGATIVE DECLARATION

In January, 1989, Assembly Bill 3180 went into effect requiring the City to monitor all mitigation measures included in this Negative Declaration. For this project, mitigation reporting will be performed by the Public Works Department in accordance with the monitoring and reporting program being developed by the City to implement AB 3180.

This Mitigation Reporting Plan is being prepared by the Department of Planning and Development, Environmental Services Division, 1231 I Street, Suite 300, Sacramento, CA 95814, (916) 264-7307, pursuant to California Environmental Quality Guidelines Section 21081.

The Department of Utilities will submit their completed Reporting Plan to the Environmental Services Division for inclusion in the Environmental Service Division's annual report to City Council.

Project Number: **CIP# ZC-32**

Project Name: **North Natomas Water Transmission Main (Phase 3)**

Project Location/Description:

The property is located in the North Natomas Community Plan area of the City of Sacramento, on the west side of, and parallel to, the East Drainage Canal. The north-south limits of the project are Del Paso Road and Arco Arena Boulevard.

The proposed project consists of a 36-inch water transmission main which will tie into the existing 36-inch main on the north side of Arco Arena Boulevard, continue north, tie into the 36-inch segment crossing Stadium Boulevard, connect to the 36-inch segment on the Capital Gateway Reservoir property, and continue north to Del Paso Road. The 36-inch main will tie into the existing 12-inch distribution main and an additional 12-inch and 24-inch turn-out will be placed at Del Paso Road for future development. Approximately 5,300 feet of new 36-inch main will be installed.

The Utilities Department has a 20-foot water easement on the west side of the East Drainage Canal (East Drain) from Arco Arena Boulevard north to the Capital Gateway Reservoir. A 1,639-foot water easement needs to be obtained for the property north of the reservoir to Del Paso Road. The alignment of the 36-inch Transmission Main shall be parallel to the East Drain on the west side of the water easement. A wider easement may be necessary once the County Sanitation District establishes the alignment of an 84-inch sewer interceptor which may run parallel to the proposed water transmission main.

PLANT AND ANIMAL LIFE

Mitigation Measure A - Giant Garter Snake Protection

MITIGATION:

- A. To protect the giant garter snake during construction and other ground disturbances, the City's Utilities Department shall implement the following measures:
1. Whenever practical, wetlands, streams, sloughs, canals, and ditches shall be avoided by constructing around these habitats or boring under them.
 2. Construction activities on levees, levee slopes, and wetlands, including rice fields, shall be limited to the active period for the species (May 1 to September 30). Whenever practical, construction activities shall be restricted to one side of the canal. Spoils shall be placed in a designated location outside of wetland areas.
 3. Monitoring shall be conducted during construction activities. A qualified biologist, authorized to handle giant garter snakes, shall be present to identify and protect any giant garter snakes encountered. Any giant garter snakes found during construction shall be unharmed. If a giant garter snake is encountered in an area of active construction, DFG and USFWS shall be notified immediately. The biologist shall hand-capture the snake and move it to a safe habitat nearby.

TIMING:

During Construction

ENTITIES RESPONSIBLE FOR ENSURING COMPLIANCE:

Department of Utilities, Engineering Services

VERIFICATION OF COMPLIANCE:

The required monitoring of this mitigation measure has been performed and the measure was found to be successfully implemented.

Signature: _____ Date _____

Title/Department: _____

Notes: _____

CULTURAL RESOURCES

Mitigation Measure B - Subsurface Cultural Resources

MITIGATION:

- B. If subsurface archaeological or historical remains (including unusual amounts of bones, stones, or shells are discovered during excavation or construction of the site, work shall stop immediately and a qualified archaeologist and a representative of the Native American Heritage Commission shall be consulted to develop, if necessary, further mitigation measures to reduce any archaeological impact to a less-than-significant level before construction continues.

TIMING:

During Construction

ENTITIES RESPONSIBLE FOR ENSURING COMPLIANCE:

Department of Utilities, Engineering Services

VERIFICATION OF COMPLIANCE:

The required monitoring of this mitigation measure has been performed and the measure was found to be successfully implemented.

Signature: _____ Date _____

Title/Department: _____

Notes: _____