



1.8

DEPARTMENT OF UTILITIES

CITY OF SACRAMENTO
CALIFORNIA

1391 - 35TH AVENUE
SACRAMENTO, CA
95822-2911

DIVISION OF
ENGINEERING SERVICES

PH 916-264-7250

May 5, 1992

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: RATIFICATION OF THE NEGATIVE DECLARATION, APPROVAL OF PLANS AND SPECIFICATIONS, AND AUTHORIZATION TO ADVERTISE FOR BIDS FOR THE WEST EL CAMINO WATER TRANSMISSION MAIN PROJECT (PN: ZD41)

LOCATION AND COUNCIL DISTRICT:

The West El Camino Water Transmission Main Project is located on West El Camino Avenue in the Natomas area between Azevedo Drive and Northgate Boulevard (District 1).

SUMMARY

This report recommends approval of the plans and specifications for the installation of a thirty (30) inch diameter water transmission pipe in West El Camino Avenue in the North Natomas area. This report also recommends ratification of the Negative Declaration for the Northgate Boulevard - West El Camino Avenue Water Transmission Main project and requests authorization to advertise for bids.

STAFF RECOMMENDATION

It is recommended that the City Council, by resolution:

1. Ratify the Negative Declarations for the Northgate Boulevard - West El Camino Avenue Water Transmission Main project; and
2. Adopt the Mitigation Reporting Plans.



City Council
May 5, 1992
West El Camino Transmission Main

It is also recommended that the City Council approve the plans and specifications for the project and authorize the City Clerk to advertise for bids to be opened June 3, 1992.

BACKGROUND INFORMATION

The West El Camino Water Transmission Main project is the first of two phases of the Northgate Boulevard-West El Camino Avenue Water Transmission Main project. The second phase will involve the installation of a thirty (30) inch transmission main along Northgate Boulevard from State Route 160 to the intersection of West El Camino Avenue. Upon completion of both phases, the project will improve redundancy by interconnecting two existing water transmission mains crossing the American River. The two water main crossings are the I-5 bridge (24-inch diameter) and the abandoned SNRR bridge (42-inches diameter).

In accordance with the State Guidelines for implementation of the California Environmental Quality Act 1970, initial studies were performed, dated September 9, 1991. As a result of these studies, the Environmental Coordinator has determined the proposed projects will not have a significant adverse impact on the environment and a Negative Declaration was prepared (Exhibit A).

A Notice of Availability for public review and comment of the Negative Declaration was published in a local newspaper on October 5, 1991. The appropriate length of time has elapsed for comments regarding the Negative Declaration and no comments have been received.

FINANCIAL DATA

The estimated total project cost, including all planning, real estate acquisition, design and construction costs for this phase is \$2,014,150. The current budget is \$2,840,000, which was approved in the Capital Improvement Program from Water funds (413). The amount currently available for the project is \$2,790,716 as of April 20, 1992.

A non-refundable fee of \$30.00 will be charged for each set of plans and specifications to offset the cost of reproduction.

POLICY CONSIDERATIONS


This action is consistent with Chapter 58, Article III, Section 58.301 of the City Code concerning advertisement for bid.

City Council
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MBE/WBE EFFORTS


Plans and specifications will be sent to nineteen (19) plan rooms and construction services organizations for publication and use by the construction industry of Northern California. There are four (4) organizations on the distribution list that are directly involved with the MBE/WBE contractors.

Respectfully submitted,



Donald R. Jacobs, Manager
Engineering Services Division

RECOMMENDATION APPROVED:



WALTER J. SLIPE
City Manager

APPROVED:



DONALD M. DODGE, Director
Department of Utilities

CONTACT PERSON:

Roland Pang, Assistant Engineer
264-7829

FOR COUNCIL MEETING:

May 5, 1992

RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

RESOLUTION RATIFYING THE NEGATIVE DECLARATIONS FOR THE NORTHGATE BOULEVARD - WEST EL CAMINO AVENUE WATER TRANSMISSION MAIN (PN: ZD41)

WHEREAS, the City of Sacramento has determined the need for constructing a thirty (30) inch diameter water transmission main to connect the two existing water transmission mains crossing the American River, (hereinafter called the "Project"), and has conditionally included the Project in the City of Sacramento Capital Improvement Program pending CEQA compliance, and

WHEREAS, the City of Sacramento has conducted an initial study to determine if the Project may have a significant effect on the environment, and

WHEREAS, the Initial Study concludes that there is no substantial evidence that the Project, or any of the aspects, may cause a significant effect on the environment and a Negative Declaration is therefore appropriate, and

WHEREAS, the Initial Study concluded that the Project involve no potential for any adverse effect, either individually or cumulatively on wildlife resources, and

WHEREAS, the City of Sacramento has provided for public review to accommodate response to the proposed Negative Declaration on the Project,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SACRAMENTO THAT:

1. The City Council hereby ratifies and approves the Northgate Boulevard - West El Camino Avenue Water Transmission Main Negative Declaration, finding on the basis of the Initial Study and comments received that there is no substantial evidence that the Project may have a significant effect on the environment.

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____

2. The City Council hereby approves the implementation of the Northgate Boulevard - West El Camino Avenue Water Transmission Main Project incorporating those mitigation measures detailed in the Negative Declaration.
3. The City Council hereby finds that there is no evidence before them that the Northgate Boulevard - West El Camino Avenue Water Transmission Main Project, located in Sacramento County, will have any potential for adverse effect on wildlife resources.

MAYOR

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

- DATE ADOPTED: _____

RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

RESOLUTION ADOPTING THE MITIGATION REPORTING PROGRAM FOR THE NORTHGATE BOULEVARD - WEST EL CAMINO AVENUE WATER TRANSMISSION MAIN PROJECT

WHEREAS, the City Council has ratified the Northgate Boulevard - West El Camino Avenue Water Transmission Main Negative Declaration and approved the West El Camino Avenue Water Transmission Main project, and,

WHEREAS, a Mitigation Reporting Program has been prepared which is designed to ensure compliance with the mitigation measures incorporated into the Project in the Northgate Boulevard - West El Camino Avenue Water Transmission Main) Negative Declarations,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SACRAMENTO, THAT:

The City Council hereby adopts the Northgate Boulevard - West El Camino Avenue Water Transmission Main Mitigation Reporting Program to ensure compliance with incorporated mitigation measures during Project implementation.

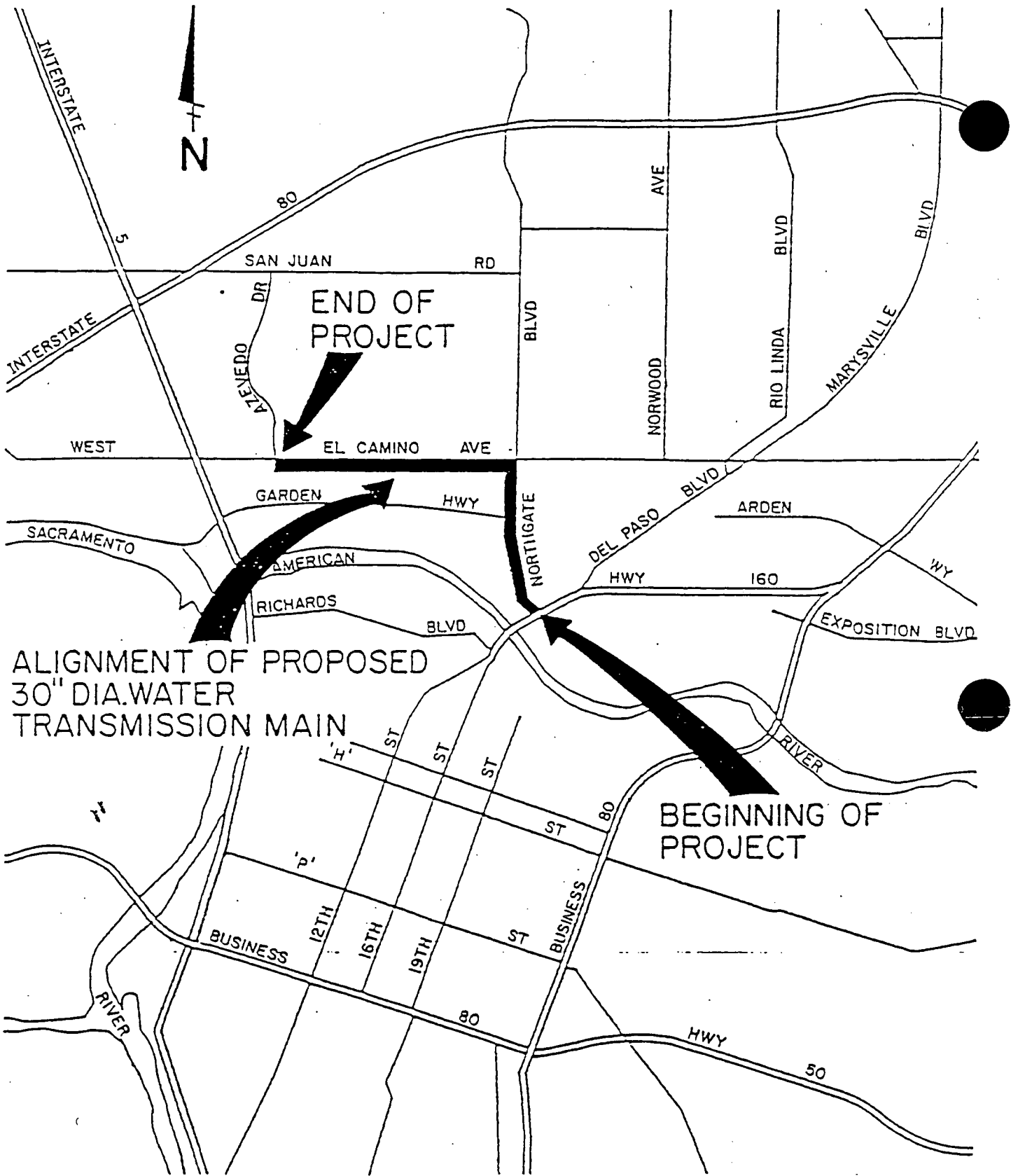
MAYOR

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____



LOCATION MAP

N.T.S.



DEPARTMENT OF
PLANNING AND DEVELOPMENT

CITY OF SACRAMENTO
CALIFORNIA

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:

Northgate Blvd.-West El Camino Ave. Water Transmission Line(pn:ZD41)

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 I Street, 3rd Floor, Sacramento California 95814.

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

By: Carol L. Bryan

ZD41
attachment
rev. 1/9/90
form.6

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: ZD41, NORTHGATE BLVD/W. EL CAMINO AVE WATER TRANSMISSION N
 Project Location: FROM DEL PASO FOR 1 MILE ALONG NORTHGATE 3/4 WEST 1.5 MILES A
 Applicant - Name: PUBLIC WORKS DEPT., WATER DIVISION W. EL CAMINO
 Address: 1391 35TH AVE
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>NO</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 or 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>YES</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>NO</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? MAYBE
 - 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
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? NO
6. **Noise.** Will the proposal result in:
- a. Increases in existing noise levels? NO
 - 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? NO

- 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? NO
 - 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? NO
 - 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.)
- d. Does the project have environment effects which will cause substantial adverse effects on human beings, either directly or indirectly?

NO
NO

MITIGATION MEASURES

The applicant has agreed to revise the project to incorporate the mitigation measures contained in Attachment A, Discussion of Intial 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: AMERICAN RIVER PARKWAY PLAN

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: 9.9.91

SIGNATURE: *William Perry*

CITY OF SACRAMENTO ENVIRONMENTAL SERVICES DIVISION
ATTACHMENT A, DISCUSSION OF INITIAL STUDY
AND ENVIRONMENTAL FINDINGS

I. PROJECT INFORMATION

Project Number: ZD41

Project Name: Northgate Blvd/West El Camino Water Transmission Main

Project Applicant: City of Sacramento, Public Works Department, Water Division
1391 35th Avenue
Sacramento, CA 95822

Project Location

The project site extends for one mile along the west side of Northgate Boulevard from State Route 160 west to El Camino Avenue and west one and one-half miles along the north side of West El Camino Avenue to Azevedo Drive,(see Attachment B, Location Map). A 30 inch diameter water transmission main is proposed to be constructed which will allow the interconnection of two existing water transmission mains crossing the American River.

The interconnection of the two transmission lines will provide an element of redundancy as well as increase in the capability to deliver drinking water to the areas of North and South Natomas. The project will also allow full use to be made of the recently constructed 36 inch diameter water main located in Azevedo Drive from West El Camino Avenue to San Juan Road.

The majority of the pipe for the proposed water transmission main project will be placed within public street right-of-way. Easements will need to be acquired for locations where the transmission pipe will be placed outside of existing street right-of-way, such as at the crossing of the Natomas East Main Drainage Canal.

II GENERAL ENVIRONMENTAL SETTING

As indicated on Attachment B the proposed water main transmission line will extend for one mile along the west side of Northgate Boulevard from Del Paso Boulevard to West El Camino Avenue and west for one and one-half mile length along the south ward side of West El Camino Avenue to Azevedo Drive. The transmission line will extend through an area of several land uses and zones, including Single Family Residential (R-1), Multiple Family (R-3) and (R-4), and General Commercial (C-2). The majority of the length of the proposed water transmission main is to be placed within the paved road way or in the shoulder area of public streets. The proposed project is compatible with the City of Sacramento Zoning Ordinance, the 1986 City of Sacramento General Plan, and the South Natomas Community Plan.

III DISCUSSION OF FINDINGS

1. Earth

Construction associated with the proposed project will result in the excavation, displacement, backfill and compaction of soil. It is planned that the ground surface will be restored to the condition that existed prior to the project construction. The grade along the expanse of the project will be restored to its' present condition. Portions along the water main placement that are presently paved shall be restored as a paved surface.

No unique geologic features are known to occur on the site. The surface geology in the vicinity of the project location is dominated by Holocene floodplain deposits(SGPU EIR, T-2). The primary soil type in this region of the South Natomas Community Plan Area is Sailboat-Scribner-Cosumnes, which is characterized as a very deep, somewhat poorly drained soil that has a seasonally high water table and is protected by levees(SGPU EIR, T-5).

All development within the SGPU area is subject to potential damage from earthquake groundshaking at a maximum intensity of VIII of the Modified Mercali Scale (SGPU, EIR, T-16). Currently, the City of Sacramento 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, T-20). The proposed water transmission line project is not anticipated to result in a significant impact upon the geologic features of the site.

2. Air

The proposed project itself will have a less than significant impact on air quality. Both the State of California and the federal government have established a variety of ambient air quality standards. Geographic areas which do not meet federal primary air quality standards are designated as non-attainment areas. The Sacramento Air Quality Maintenance Area, which is comprised of Sacramento County, Yolo County, northern Solano County and southwestern Placer County, currently has a non-attainment designation for ozone and carbon monoxide. Ozone problems and localized carbon monoxide increases in the Sacramento Area resulting from traffic associated with SGPU buildout represent unavoidable significant adverse impacts (SGPU EIR, Z-60 and Z-67). A statement of Findings and Overrides was adopted by the City Council for the 1986-2006 SGPU to address these impacts.

The SGPU EIR states that traffic originating in South Natomas produces 3.9 percent of the City-generated traffic emissions. The South Natomas Area comprises 7.7 percent of the SGPU acreage (SGPU EIR, Z-16). Roadways in South Natomas are projected to be moderately congested. One location, at the I-80 and I-5 interchange, is predicted to violate the state and federal 8-hour CO standards. Violations of CO air quality standards are expected in a few other areas within South Natomas near congested intersections of major arterials (SGPU EIR, Z-69). The intersection of Interstate 80 and Northgate Boulevard is not anticipated to experience violations of State or federal 1 hour or 8 hour air quality standards (SGPU EIR, Z-56).

The proposed project does have the potential to result in a slight increase in traffic congestion at various stages of construction of the project along Northgate Boulevard, West El Camino Avenue and other roadways in the project vicinity. Such periods of increased congestion would be limited to times when peak traffic periods coincide with substantial deliveries to the site and at various stages of construction when it will be necessary to divert traffic, and to use a flag person.

During the construction of the proposed project, exhaust fumes from the construction equipment may also result in a deterioration of the ambient air quality. Furthermore, there may be a slight decrease in the effect upon the ambient air quality in the vicinity of the project due to particulate matter during the construction of the project. Particulate matter will be minimized by the normal construction practice of keeping exposed soil surfaces damp while excavation and grading activities are occurring. The Sacramento City Code(SCC)(Section 9.3810) states that responsible precautions shall be taken to prevent and control movement of dust created by construction activities. Observance of this section 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 construction associated with the construction of the proposed water main line may result in an impact to air quality. However, this condition will be temporary, and, therefore, is considered to be a less than significant impact.

3. Water

The proposed project is located in an area of the City determined to have less than 100-year flood protection. Implementation of the project will therefore expose people and/or property to the risk of injury and damage in the event of a 100-year or lesser flood. These risks are considered significant adverse impacts under CEQA. The City Council 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. The flood-related risks created by the proposed 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 the proposed 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. This document is appended to the Program EIR available through the Department of Planning and Development.

The proposed water transmission main project will allow the interconnection of two existing transmission mains that cross the American River. This transmission main connection will provide and increase in redundancy for and will improve the water delivery capability of the portion of the City's water distribution system serving North and South Natomas. Furthermore, the proposed project will allow full use to be made of the recently constructed 36 inch diameter

water transmission line in Azevedo Drive from West El Camino Avenue to San Juan Road.

4. Plant Life

The subject site is located in an Urban Land Habitat. Most of this habitat is paved and is not vegetated. Where present, the dominant vegetation consists of artificially irrigated ornamental plantings (SGPU, EIR, pg. U-14). A majority of the length of the proposed water transmission main is planned to be placed within the paved travelled way or in the shoulder area of Northgate Boulevard and West El Camino Avenue.

A portion of the transmission pipe will be placed in a public easement across the Natomas East Main Drainage Canal and as well as along the toe approach of the earth-fill approaches to the Northgate Boulevard bridge crossing of the drainage canal. The crossing of the Natomas East Main Drainage Canal is indicated in the SGPU EIR as a riparian woodland community (SGPU EIR, U-5). Grasses and weeds will need to be removed from a strip several feet wide along each side of the centerline of the transmission line. There are not any known federal or state rare, endangered or threatened species known to exist on the project site.

At the transmission main crossing of the Natomas East Main Drainage Canal, an estimated four clumps of Willows and three Box Elder trees will be removed from within the drainage canal floodway.

- A. Subject to the discretion of the City of Sacramento Arborist, the trees that will be removed as part of the proposed water transmission line project shall be removed or transplanted. Should the trees be transplanted, the location of the transplanted trees shall be along the project site, in a location to be selected by the City Arborist.

It is anticipated that the proposed construction of the water transmission line will have a less than significant impact upon plant life.

5. Animal Life

Along the weedy banks and emergent vegetation in channels, such as the Natomas East Main Drainage Canal foraging and breeding habitats are provided for Muskrats, Bullfrogs, Great Blue Herons, Great Egrets, Green Backed Herons, Ring Necked Pheasants, Red Wing Blackbirds, and Black Phoebes. The Giant Garter snake is also found in these channels, mainly in North Natomas (SGPU EIR, U-8). The portion of the proposed water main that will be placed under the Natomas East Drainage Canal is not noted in the General Plan as a location of sightings of special status wildlife in the SGPU area (SGPU EIR, U-21). The Natomas East Main Drainage Canal is noted as a suitable habitat for the Giant Garter Snake, however, the portion of the project site that will cross the drainage canal is not noted as a specified locality of sightings or occurrences of this habitat. It is not anticipated that the proposed water transmission main will result in a significant impact upon the Giant Garter Snake nor upon any other rare or endangered plant or animal species.

6. Noise

During construction of the water transmission line it is anticipated that there may be an increase in the localized noise level. Compliance with the City of Sacramento Noise Ordinance will result in construction noise to be minimized by restricting the time of construction activities to the daytime hours. Noise levels of 60 dB Ldn or below in the outdoor living areas of residential developments are considered acceptable in the General Plan, while 65 dB LDN is considered acceptable exterior noise level for commercial land use. A buffer area exists between the project site and the surrounding land uses, which will reduce the noise impacts related to the construction of the project.

An increase in noise levels will be temporary, lasting only as long as the construction phase of the proposed project. The overall impact of the temporary increase in noise levels is not considered to be significant.

7. Light and Glare

The proposed water main transmission line is not anticipated to produce any new source of light or glare. The proposed water main transmission line will have a less than significant impact upon light and glare in the project vicinity.

8. Land Use

The proposed project will not result in a substantial alteration of the present or planned land use of the project site. It is not anticipated that the proposed water transmission line will alter the existing or future land uses along the proposed water main. The proposed water main extension will cross the American River Parkway at the southern most portion of the main alignment along Northgate Boulevard at the intersection with the Del Paso Boulevard to approximately the intersection of Northgate Boulevard and East Levee Road. The proposed project is consistent with the goals and policies of the American River Parkway Plan to "minimized the impact of new public utilities or services that are on the parkway by clustering the facilities with the existing facilities and parkway crossings, and revegetating areas where utilities have been placed underground....."(American River Parkway Plan, Goal 5.4, pg. 2-8). A significant land use impact is not anticipated to be associated with the proposed project.

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.

9. Natural Resources

The construction of the proposed water transmission main will require the consumption of resources such as sand, stone, cement, and wood and will result in the loss of those natural resources associated with the construction of the project. Development of the site is not anticipated to significantly accelerate the use of natural resources or deplete non-renewable