

RESOLUTION NUMBER R- 305475  
DATE OF FINAL PASSAGE DEC 17 2009

A RESOLUTION APPROVING THE PLANS AND SPECIFICATIONS, AUTHORIZING THE EXPENDITURE OF FUNDS AND RELATED ACTIONS FOR CONSTRUCTION OF WATER GROUP 3013.

WHEREAS, Water Group 3013, consisting of Water Group 764, Water Group 764A and Water Group 821 [Project] is part of the City of San Diego's Water Main Replacement Program as mandated by the California Department of Public Health; and

WHEREAS, this Project is located in the Peninsula Community Plan Areas, and includes the replacement of approximately 14,256 linear feet of existing 8-inch and 12-inch cast iron mains originally installed in the early 1950's; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego [Council] that the plans and specifications for the construction of the Project, as advertised by the Purchasing and Contracting Department, filed in the office of the City Clerk as Document No. w.o. 188221/187621/187511, are approved.

BE IT FURTHER RESOLVED, that after advertising for bids in accordance with law, the Mayor, or his designee, is authorized to establish contract funding phases, and execute a construction contract with the lowest responsible and reliable bidder, provided that the City Comptroller first furnishes one or more certificates certifying that funds necessary for expenditure under established contract funding phases are, or will be, on deposit with the City Treasurer.

BE IT FURTHER RESOLVED, that the Chief Financial Officer [CFO], as delegated to Financial Management is authorized to appropriate, and the City Comptroller is authorized to

- Clean Water Act Section 303(d) list, dated May 19, 1999,  
[http://www.swrcb.ca.gov/tmdl/303d\\_lists.html](http://www.swrcb.ca.gov/tmdl/303d_lists.html).
- Land Use
- City of San Diego Progress Guide and General Plan.
- Community Plans.
- Airport Comprehensive Land Use Plan
- City of San Diego Zoning Maps
- FAA Determination
- Noise
- Community Plans
- Land Development Code
- San Diego International Airport - Lindbergh Field CNEL Maps.
- Brown Field Airport Master Plan CNEL Maps.
- Montgomery Field CNEL Maps.
- San Diego Association of Governments - San Diego Regional Average Weekday Traffic Volumes.
- San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG.
- City of San Diego Progress Guide and General Plan.
- XII. Paleontological Resources
- City of San Diego Paleontological Guidelines.
- Thomas A., and Stephen L. Walsh, "Paleontological Resources City of San Diego,"  
Department of Paleontology San Diego Natural History Museum, 1996.
- Kennedy, Michael P., and Gary L. Peterson, "Geology of the San Diego Metropolitan Area, California. Del Mar, La Jolla, Point Loma, La Mesa, Poway, and SW 1/4 Escondido 7 1/2 Minute Quadrangles," California Division of Mines and Geology Bulletin 200, Sacramento, 1975.
- Kennedy, Michael P., and Siang S. Tan, "Geology of National City, Imperial Beach and Otay Mesa Quadrangles, Southern San Diego Metropolitan Area, California," Map Sheet 29, 1977.
- Site Specific Report: \_\_\_\_\_

- California Department of Fish & Game, California Natural Diversity Database, "State and Federally-listed Endangered and Threatened Animals of California," January 2001.
- City of San Diego Land Development Code Biology Guidelines.
- V. Energy
- \_\_\_\_\_
- VI. Geology/Soils
- X City of San Diego Seismic Safety Study.
- U.S. Department of Agriculture Soil Survey - San Diego Area, California, Part I and II, December 1973 and Part III, 1975.
- VII. Historical Resources
- X City of San Diego Historical Resources Guidelines.
- X City of San Diego Archaeology Library.
- Historical Resources Board List.
- Community Historical Survey:
- VIII. Human Health / Public Safety / Hazardous Materials
- X San Diego County Hazardous Materials Environmental Assessment Listing, County Website.
- San Diego County Hazardous Materials Management Division
- FAA Determination
- X State Assessment and Mitigation, Unauthorized Release Listing, Public Use Authorized 1995.
- Airport Comprehensive Land Use Plan.
- Site Specific Report: \_\_\_\_\_
- IX. Hydrology/Water Quality
- Flood Insurance Rate Map (FIRM).
- X Federal Emergency Management Agency (FEMA), National Flood Insurance Program - Flood Boundary and Floodway Map.

## INITIAL STUDY CHECKLIST

### REFERENCES

- I. Aesthetics / Neighborhood Character**
- City of San Diego Progress Guide and General Plan.
- Community Plan.
- Local Coastal Plan.
- II. Agricultural Resources / Natural Resources / Mineral Resources**
- City of San Diego Progress Guide and General Plan.
- U.S. Department of Agriculture, Soil Survey - San Diego Area, California, Part I and II, 1973.
- California Department of Conservation - Division of Mines and Geology, Mineral Land Classification.
- Division of Mines and Geology, Special Report 153 - Significant Resources Maps.
- III. Air**
- California Clean Air Act Guidelines (Indirect Source Control Programs) 1990.
- Regional Air Quality Strategies (RAQS) - APCD.
- Site Specific Report: \_\_\_\_\_.
- IV. Biology**
- City of San Diego, Multiple Species Conservation Program (MSCP), Subarea Plan, 1997
- City of San Diego, MSCP, "Vegetation Communities with Sensitive Species and Vernal Pools" maps, 1996.
- City of San Diego, MSCP, "Multiple Habitat Planning Area" maps, 1997.
- Community Plan - Resource Element
- California Department of Fish and Game, California Natural Diversity Database, "State and Federally-listed Endangered, Threatened, and Rare Plants of California," January 2001.

Y      Maybe      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.)  
The proposed project would not result in cumulative impacts.

—      —      X

D. Does the project have environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly?  
The project would not result in environmental effects which would cause substantial effects on human beings.

—      —      X

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
D. Sewer? <u>The proposed project consists of the replacement rehabilitation, relocation, point repair, open trenching, and abandonment of sewer alignments within the City of San Diego.</u>	-	-	<u>X</u>
E. Storm water drainage? <u>No change in drainage patterns is anticipated.</u>	-	-	<u>X</u>
F. Solid waste disposal? <u>Existing service would remain unaffected.</u>	-	-	<u>X</u>

XVIII. WATER CONSERVATION – Would the proposal result in:

A. Use of excessive amounts of water? <u>The project would not require the use of excessive amounts of water.</u>	-	-	<u>X</u>
B. Landscaping which is predominantly non-drought resistant vegetation? <u>No landscaping is proposed.</u>	-	-	<u>X</u>

XIX. 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 species, cause 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? <u>See Initial Study Discussion.</u>	-	<u>X</u>	-
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 would endure well into the future.) <u>The proposed project would not result in an impact to long-term environmental goals.</u>	-	-	<u>X</u>

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
B. An increase in projected traffic which is substantial in relation to the existing traffic load and capacity of the street system? <u>No such increase would result.</u>	-	-	<u>X</u>
C. An increased demand for off-site parking? <u>No parking is proposed with the Citywide Pipelines Project.</u>	-	-	<u>X</u>
D. Effects on existing parking? <u>No such effects would result.</u>	-	-	<u>X</u>
E. Substantial impact upon existing or planned transportation systems? <u>Project would not impact existing or planned transportation systems. A traffic control plan would be implemented upon construction.</u>	-	-	<u>X</u>
F. Alterations to present circulation movements including effects on existing public access to beaches, parks, or other open space areas? <u>No such alteration would result.</u>	-	-	<u>X</u>
G. Increase in traffic hazards for motor vehicles, bicyclists or pedestrians due to a proposed, non-standard design feature (e.g., poor sight distance or driveway onto an access-restricted roadway)? <u>Project would not increase traffic hazards for motor vehicles, bicyclists or pedestrians.</u>	-	-	<u>X</u>
H. A conflict with adopted policies, plans or programs supporting alternative transportation models (e.g., bus turnouts, bicycle racks)? <u>See XVL E above.</u>	-	-	<u>X</u>
XVII. UTILITIES - Would the proposal result in a need for new systems, or require substantial alterations to existing utilities, including:			
A. Natural gas? <u>Existing utilities would not be affected.</u>	-	-	<u>X</u>
B. Communications systems? <u>Existing utilities would not be affected.</u>	-	-	<u>X</u>
C. Water? <u>The proposed project consists of the replacement, rehabilitation, relocation, point repair, open trenching, and abandonment of water alignments within the City of San Diego.</u>	-	-	<u>X</u>

Yes Maybe No

C. Alter the planned location, distribution, density or growth rate of the population of an area?  
The project would not alter the population of the community.

- - X

XIV. PUBLIC SERVICES - Would the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:

A. Fire protection?  
No additional fire protection services would be required.

- - X

B. Police protection?  
No additional police protection would be required.

- - X

C. Schools?  
No change to existing schools would occur.

- - X

D. Parks or other recreational facilities?  
Existing access to recreational areas would not be affected.

- - X

E. Maintenance of public facilities, including roads?  
Existing public facilities would not be affected.

- - X

F. Other governmental services?  
Existing services would remain unaffected.

- - X

XV. RECREATIONAL RESOURCES - Would the proposal result in:

A. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?  
The project does not include recreational facilities or require the construction or expansion of recreational facilities.

- - X

C. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?  
See XV. A.

- - X

XVI. TRANSPORTATION/CIRCULATION - Would the proposal result in:

A. Traffic generation in excess of specific/ community plan allocation?  
No such generation would result.

- - X



- C. A conflict with adopted environmental plans, including applicable habitat conservation plans adopted for the purpose of avoiding or mitigating an environmental effect for the area?  
No such conflict would result. See X. A.      -      -      X
- D. Physically divide an established community?  
Proposed project would not physically divide an established community.      -      -      X
- E. Land uses which are not compatible with aircraft accident potential as defined by an adopted airport Comprehensive Land Use Plan?  
No such impact would result.      -      -      X

XI. NOISE - Would the proposal result in:

- A. A significant increase in the existing ambient noise levels?  
No such increase would result. Address night work and construction noise.      -      -      X
- B. Exposure of people to noise levels which exceed the City's adopted noise ordinance?  
See XI. A.      -      -      X
- C. Exposure of people to current or future transportation noise levels which exceed standards established in the Transportation Element of the General Plan or an adopted airport Comprehensive Land Use Plan?  
See XI. A.      -      -      X

XII. PALEONTOLOGICAL RESOURCES: Would the proposal impact a unique paleontological resource or site or unique geologic feature?  
See Initial Study Discussion.

-      X      -

XIII. POPULATION AND HOUSING - Would the proposal:

- A. Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?  
The proposed project would not induce population growth.      -      -      X
- B. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?  
The project would not displace or necessitate the construction of housing.      -      -      X

Yes    Maybe    No

IX. HYDROLOGY/WATER QUALITY – Would the proposal result in:

- |   |   |   |          |
|---|---|---|----------|
| <p>A. An increase in pollutant discharges, including down stream sedimentation, to receiving waters during or following construction? Consider water quality parameters such as temperature dissolved oxygen, turbidity and other typical storm water pollutants.<br/><u>Compliance with the City of San Diego Storm Water Standards is required and Best Management Practices would be incorporated into the project specifications. Therefore, no mitigation is required.</u></p> | - | - | <u>X</u> |
| <p>B. An increase in impervious surfaces and associated increased runoff?<br/><u>See IX A.</u></p>  | - | - | <u>X</u> |
| <p>C. Substantial alteration to on- and off-site drainage patterns due to changes in runoff flow rates or volumes?<br/><u>The project would not substantially alter drainage patterns.</u></p>  | - | - | <u>X</u> |
| <p>D. Discharge of identified pollutants to an already impaired water body (as listed on the Clean Water Act Section 303(d) list)?<br/><u>No such discharge would result.</u></p>   | - | - | <u>X</u> |
| <p>E. A potentially significant adverse impact on ground water quality?<br/><u>No such impact would result.</u></p>   | - | - | <u>X</u> |
| <p>F. Cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses?<br/><u>No such exceedance would result.</u></p>   | - | - | <u>X</u> |

X. LAND USE – Would the proposal result in:

- |   |   |   |          |
|---|---|---|----------|
| <p>A. A land use which is inconsistent with the adopted community plan land use designation for the site or conflict with any applicable land use plan, policy or regulation of an agency with jurisdiction over a project?<br/><u>The projects would be consistent with the applicable Community Plan.</u></p> | - | - | <u>X</u> |
| <p>B. A conflict with the goals, objectives and recommendations of the community plan in which it is located?<br/><u>No such conflict would result.</u></p>   | - | - | <u>X</u> |

Yes    Maybe    No

VIII HUMAN HEALTH / PUBLIC SAFETY / HAZARDOUS MATERIALS: Would the proposal:

- |   |   |   |   |
|---|---|---|---|
| A. Create any known health hazard (excluding mental health)?  | — | — | X |
| <u>The County of San Diego Department of Environmental Health (DEH) Hazardous Materials Establishment Listing database identifies potentially hazardous material release sites throughout the City of San Diego. As a result, a DEH website search was conducted for the projects listed above resulting in "open" sites along several alienments. As such, trenching activities in this area could possibly encounter some petroleum-contaminated soils. Therefore, the proposed projects would include language within specifications and Contract Documents which address the handling of hazardous materials. See Initial Study Discussion.</u> |   |   |   |
| B. Expose people or the environment to a significant hazard through the routine transport, use or disposal of hazardous materials?  | — | — | X |
| <u>See VIII. A.</u>   |   |   |   |
| C. Create a future risk of an explosion or the release of hazardous substances (including but not limited to gas, oil, pesticides, chemicals, radiation, or explosives)?  | — | — | X |
| <u>See VIII. A.</u>   |   |   |   |
| D. Impair implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan?  | — | — | X |
| <u>The proposed projects would not impair or interfere with an adopted emergency plan.</u>  |   |   |   |
| E. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, create a significant hazard to the public or environment?   | — | — | X |
| <u>No sites have been identified.</u>   |   |   |   |
| F. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?   | — | — | X |
| <u>No such hazards would result.</u>  |   |   |   |

Yes    Maybe    No

ENERGY – Would the proposal:

- |   |   |   |   |
|---|---|---|---|
| A. Result in the use of excessive amounts of fuel or energy (e.g. natural gas)?<br><u>No such use would result with project implementation.</u> | — | — | X |
| B. Result in the use of excessive amounts of power?<br><u>See V. A.</u>   | — | — | X |

GEOLOGY/SOILS – Would the proposal:

- |   |   |   |   |
|---|---|---|---|
| A. Expose people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?<br><u>The project sites are located within various geologic hazard zones. Proper engineering design would ensure that the potential for geologic impacts from regional hazards would be insignificant.</u> | — | — | X |
| B. Result in a substantial increase in wind or water erosion of soils, either on or off the site?<br><u>No such increase would result.</u>  | — | — | X |
| C. Be located on a geologic unit or soil that is unstable or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?<br><u>See VI. A.</u>  | — | — | X |

HISTORICAL RESOURCES – Would the proposal result in:

- |  |   |   |   |
|--|---|---|---|
| A. Alteration of or the destruction of a prehistoric or historic archaeological site?<br><u>See Initial Study Discussion.</u>  | — | X | — |
| B. Adverse physical or aesthetic effects to a prehistoric or historic building, structure, object, or site?<br><u>See Initial Study Discussion.</u>                              | — | X | — |
| C. Adverse physical or aesthetic effects to an architecturally significant building, structure, or object?<br><u>No structures exist within the proposed project alignments.</u> | — | — | X |
| D. Any impact to existing religious or sacred uses within the potential impact area?<br><u>No existing religious or sacred uses occur on-site.</u>                               | — | — | X |
| E. The disturbance of any human remains, including those interred outside of formal cemeteries?<br><u>See VII. A.</u>  | — | X | — |

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
F. Alter air movement in the area of the project? <u>No such alteration would result.</u>	—	—	<u>X</u>
G. Cause a substantial alteration in moisture, or temperature, or any change in climate, either locally or regionally? <u>No such change would result.</u>	—	—	<u>X</u>
IV. BIOLOGY - Would the proposal result in:			
A. A reduction in the number of any unique, rare, endangered, sensitive, or fully protected species of plants or animals? <u>No such reduction would result as all proposed work would include areas devoid of potentially sensitive biological resources. As such, the proposed projects would not be located within or adjacent to the City of San Diego's Multi-Habitat Planning Area (MHPA).</u>	—	—	<u>X</u>
B. A substantial change in the diversity of any species of animals or plants? <u>No such change would result. See IV. A.</u>	—	—	<u>X</u>
C. Introduction of invasive species of plants into the area? <u>No invasive plant species would be proposed.</u>	—	—	<u>X</u>
E. Interference with the movement of any resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors? <u>No such interference would result. See IV. A.</u>	—	—	<u>X</u>
E. An impact to a sensitive habitat, including, but not limited to streamside vegetation, aquatic, riparian, oak woodland, coastal sage scrub or chaparral? <u>No such impact would result. See IV. A.</u>	—	—	<u>X</u>
F. An impact on City, State, or federally regulated wetlands (including, but not limited to, coastal salt marsh, vernal pool, lagoon, coastal, etc.) through direct removal, filling, hydrological interruption or other means? <u>No such impact would result, no wetland habitat occurs on the proposed project sites. See IV. A.</u>	—	—	<u>X</u>
G. Conflict with the provisions of the City's Multiple Species Conservation Program Subarea Plan or other approved local, regional or state habitat conservation plan? <u>No such conflict would result. See IV. A.</u>	—	—	<u>X</u>

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
G. The loss, covering or modification of any unique geologic or physical features such as a natural canyon, sandstone bluff, rock outcrop, or hillside with a slope in excess of 25 percent? <u>No such loss would result as all proposed work is confined to City of San Diego public-rights-of-way.</u>	—	—	<u>X</u>
H. Substantial light or glare? <u>No such impact would result.</u>	—	—	<u>X</u>
I. Substantial shading of other properties? <u>No shading would result from project implementation.</u>	—	—	<u>X</u>
 II. AGRICULTURE RESOURCES / NATURAL RESOURCES / MINERAL RESOURCES – Would the proposal result in:			
A. The loss of availability of a known mineral resource (e.g., sand or gravel) that would be of value to the region and the residents of the state? <u>No such loss would result.</u>	—	—	<u>X</u>
B. The conversion of agricultural land to nonagricultural use or impairment of the agricultural productivity of agricultural land? <u>No agricultural land exists within the project alignment.</u>	—	—	<u>X</u>
 III. AIR QUALITY – Would the proposal:			
A. Conflict with or obstruct implementation of the applicable air quality plan? <u>No such impact would result.</u>	—	—	<u>X</u>
B. Violate any air quality standard or contribute substantially to an existing or projected air quality violation? <u>No such violation would result.</u>	—	—	<u>X</u>
C. Expose sensitive receptors to substantial pollutant concentrations? <u>No such exposure would result.</u>	—	—	<u>X</u>
D. Create objectionable odors affecting a substantial number of people? <u>No such creation would result.</u>	—	—	<u>X</u>
E. Exceed 100 pounds per day of Particulate Matter 10 (dust)? <u>Dust would be generated temporarily during construction only and would be controlled with standard construction practices as specified in the Contract Documents.</u>	—	—	<u>X</u>

**Initial Study Checklist**

Date: June 6, 2004

Project No.: 63654

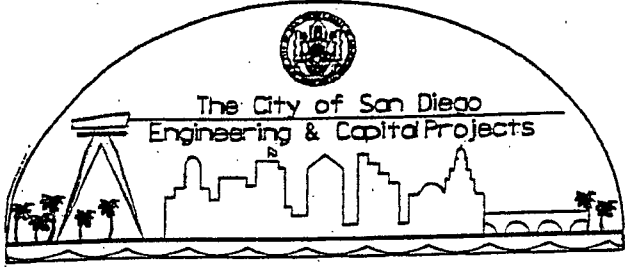
III. ENVIRONMENTAL ANALYSIS: Name of Project: Citywide Pipeline Projects

The purpose of the Initial Study is to identify the potential for significant environmental impacts which could be associated with a project pursuant to Section 15063 of the State CEQA Guidelines. In addition, the Initial Study provides the lead agency with information which forms the basis for deciding whether to prepare an Environmental Impact Report, Negative Declaration or Mitigated Negative Declaration. This Checklist provides a means to facilitate early environmental assessment. However, subsequent to this preliminary review, modifications to the project may mitigate adverse impacts. All answers of "yes" and "maybe" indicate that there is a potential for significant environmental impacts and these determinations are explained in Section IV of the Initial Study.

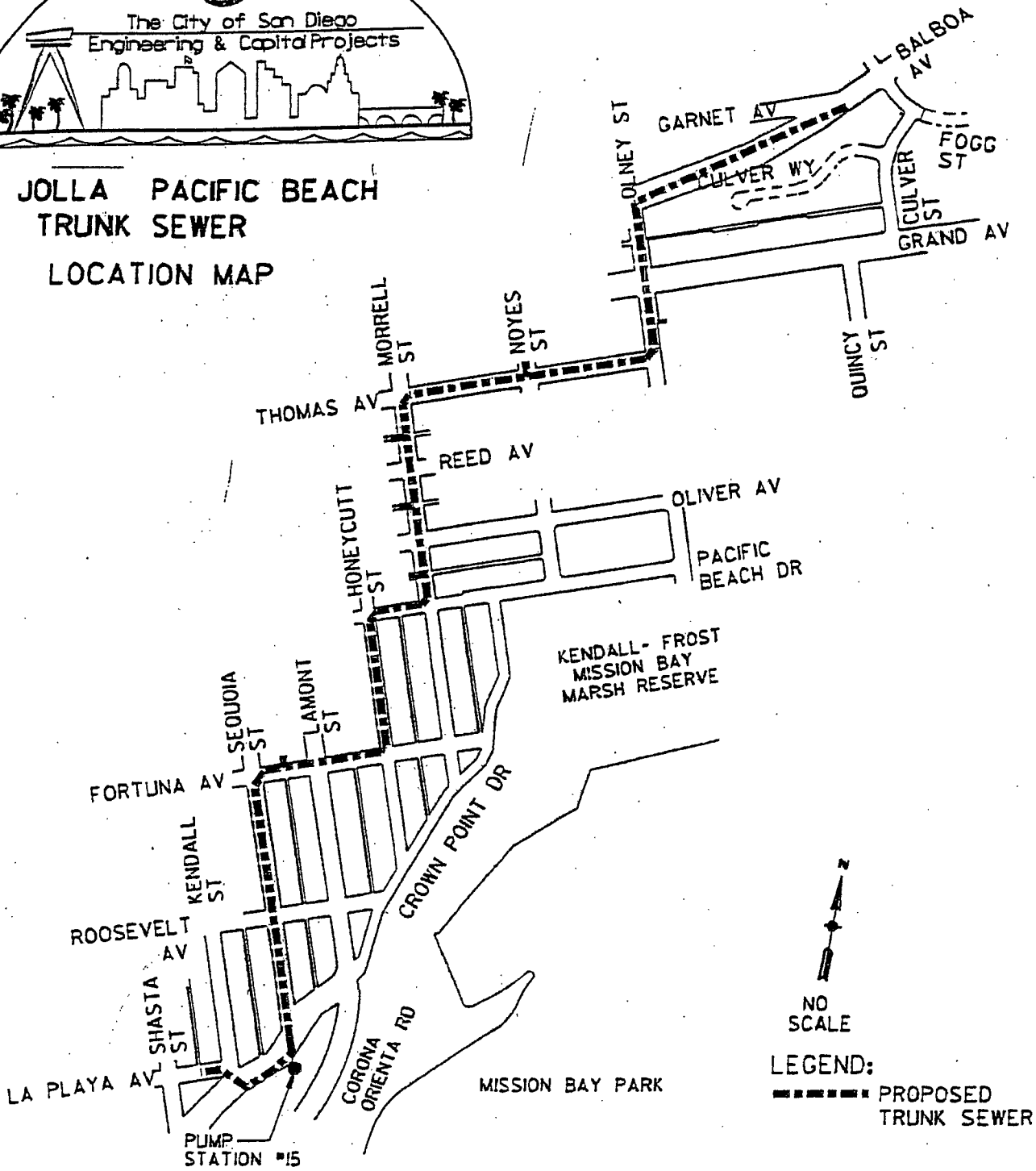
Yes    Maybe    No

I. AESTHETICS / NEIGHBORHOOD CHARACTER – Will the proposal result in:

- |   |   |   |          |
|---|---|---|----------|
| A. The obstruction of any vista or scenic view from a public viewing area?<br><u>No obstructions of any vistas or scenic views would result.</u>  | — | — | <u>X</u> |
| B. The creation of a negative aesthetic site or project?<br><u>The proposed project would not create a negative aesthetic.</u>  | — | — | <u>X</u> |
| C. Project bulk, scale, materials, or style which would be incompatible with surrounding development?<br><u>The proposed replacement rehabilitation, relocation, point repair, open trenching, and/or abandonment of water and/or sewer alignments within the City of San Diego would be compatible with the surrounding development.</u> | — | — | <u>X</u> |
| D. Substantial alteration to the existing character of the area?<br><u>No such alteration would result.</u>   | — | — | <u>X</u> |
| E. The loss of any distinctive or landmark tree(s), or a stand of mature trees?<br><u>No such loss would result.</u>  | — | — | <u>X</u> |
| F. Substantial change in topography or ground surface relief features?<br><u>No such change would result.</u>   | — | — | <u>X</u> |



# LA JOLLA PACIFIC BEACH TRUNK SEWER LOCATION MAP



NO SCALE

LEGEND:  
 - - - - - PROPOSED TRUNK SEWER

LaJolla/Pacific Beach Trunk Sewer Number 3

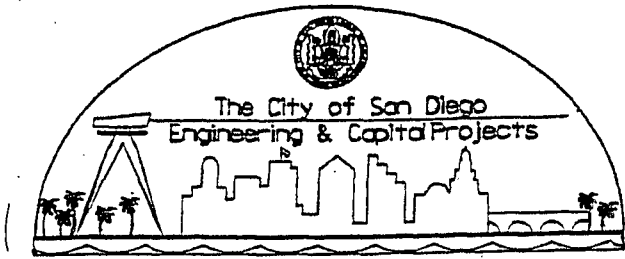


**Location Map**  
 Environmental Analysis Section Project No. 39430  
 CITY OF SAN DIEGO · DEVELOPMENT SERVICES

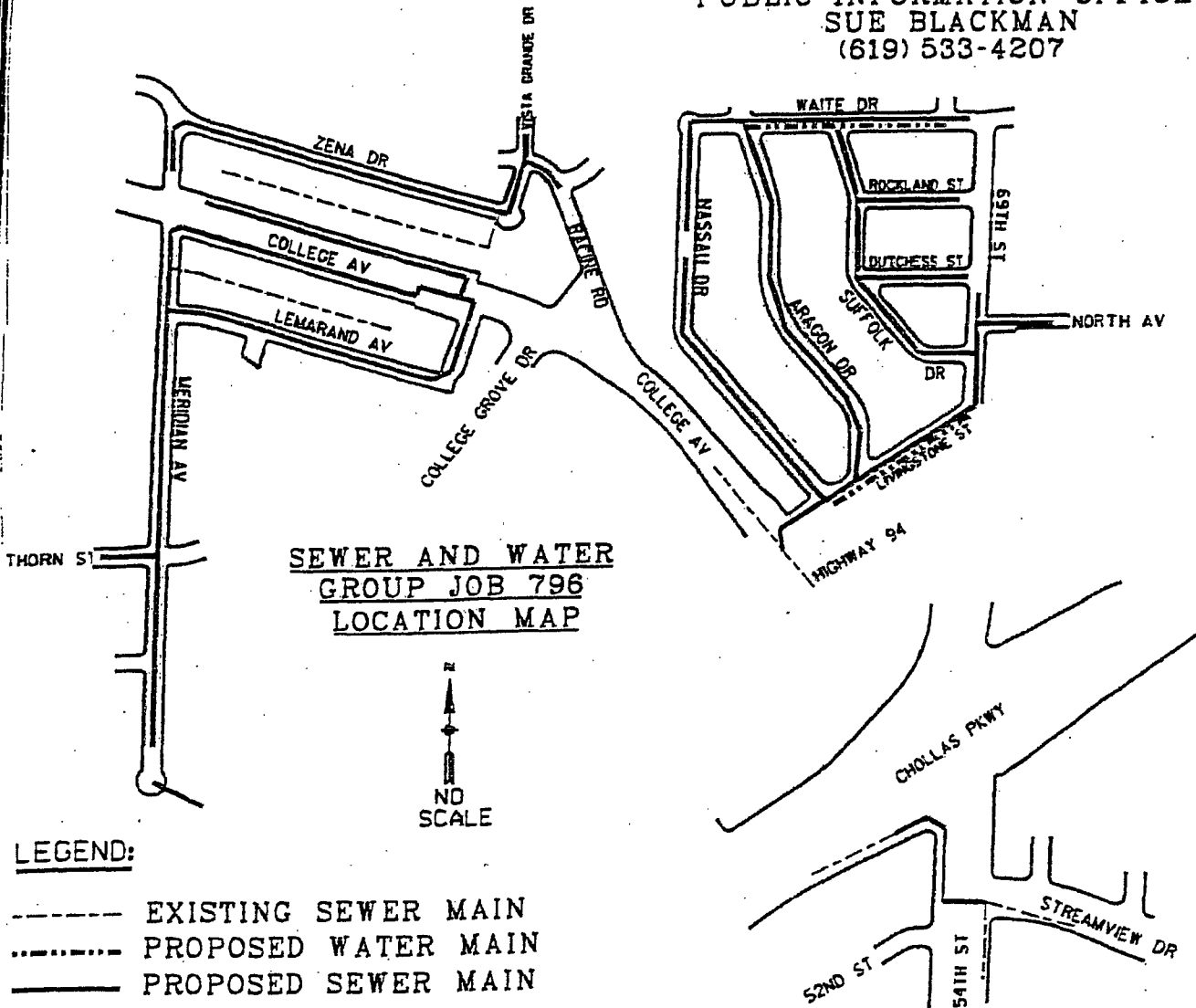
Figure  
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PUBLIC INFORMATION OFFICER  
 SUE BLACKMAN  
 (619) 533-4207



Sewer and Water Group Job 796

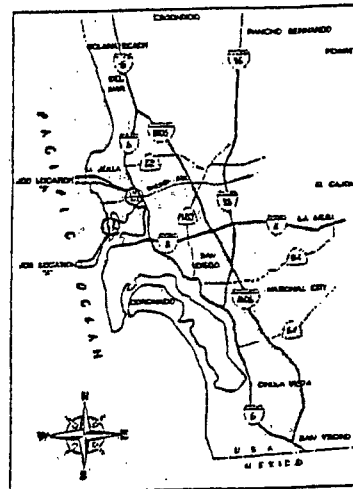
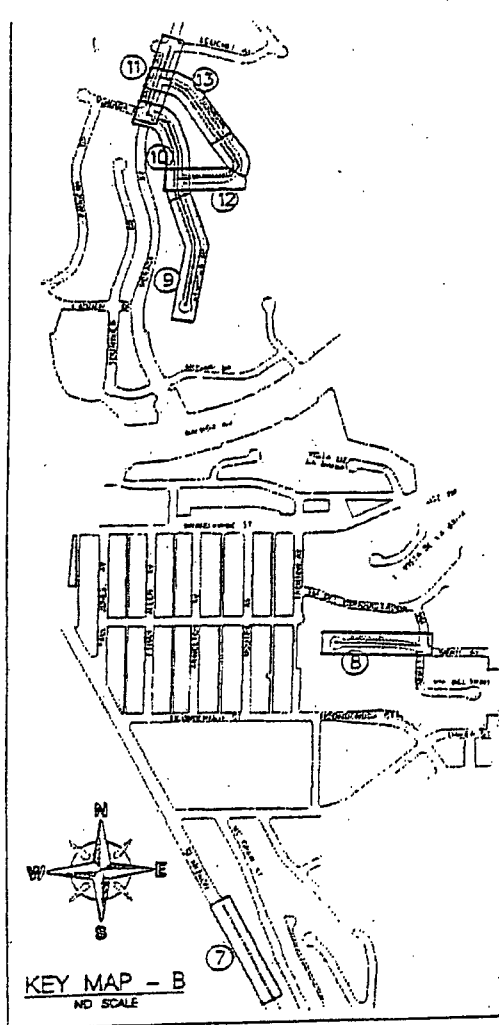
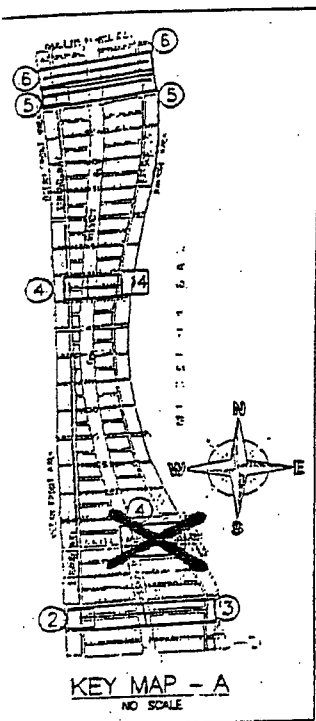
# Location Map

Environmental Analysis Section Project No. 52553  
 CITY OF SAN DIEGO · DEVELOPMENT SERVICES

Figure  
**5**

R. 305474





Sewer and Water Group Job 754

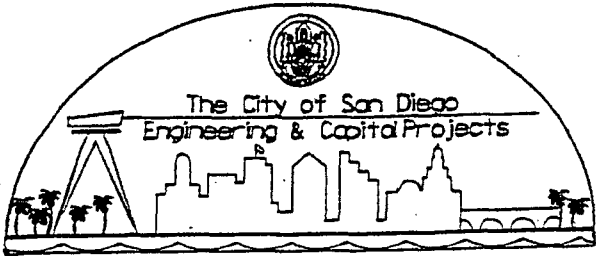
# Location Map

Environmental Analysis Section Project No. 47965  
CITY OF SAN DIEGO · DEVELOPMENT SERVICES

Figure

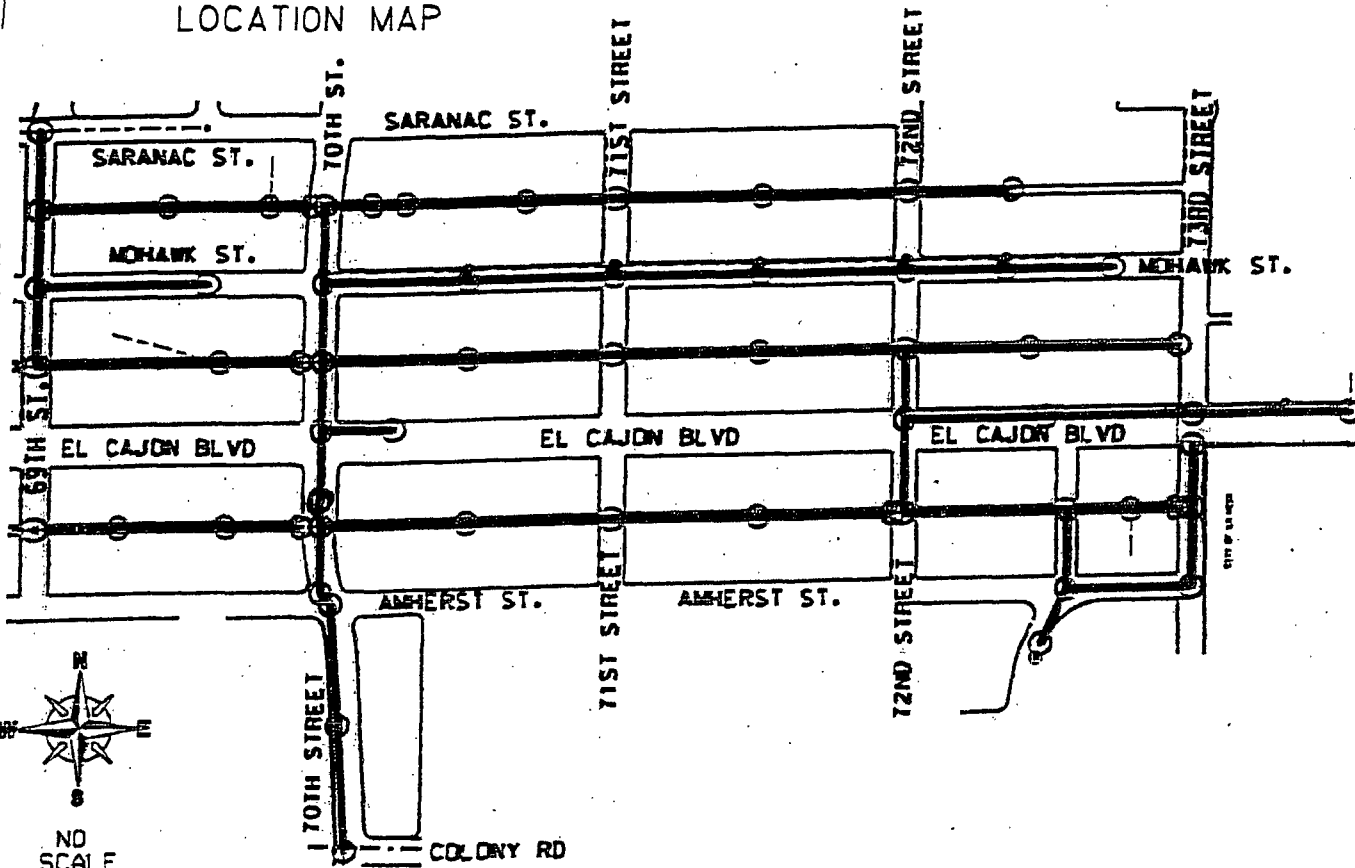
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GROUP JOB 783  
 SEWER MAIN REPLACEMENT  
 LOCATION MAP



Sewer Group Job 783

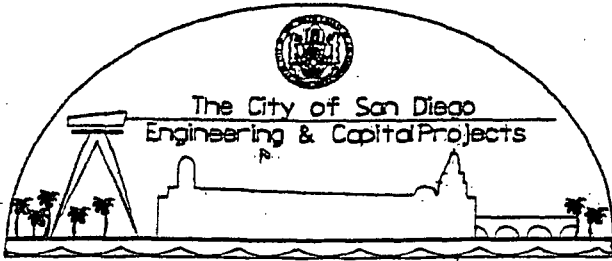
Location Map

Environmental Analysis Section Project No. 47736  
 CITY OF SAN DIEGO · DEVELOPMENT SERVICES

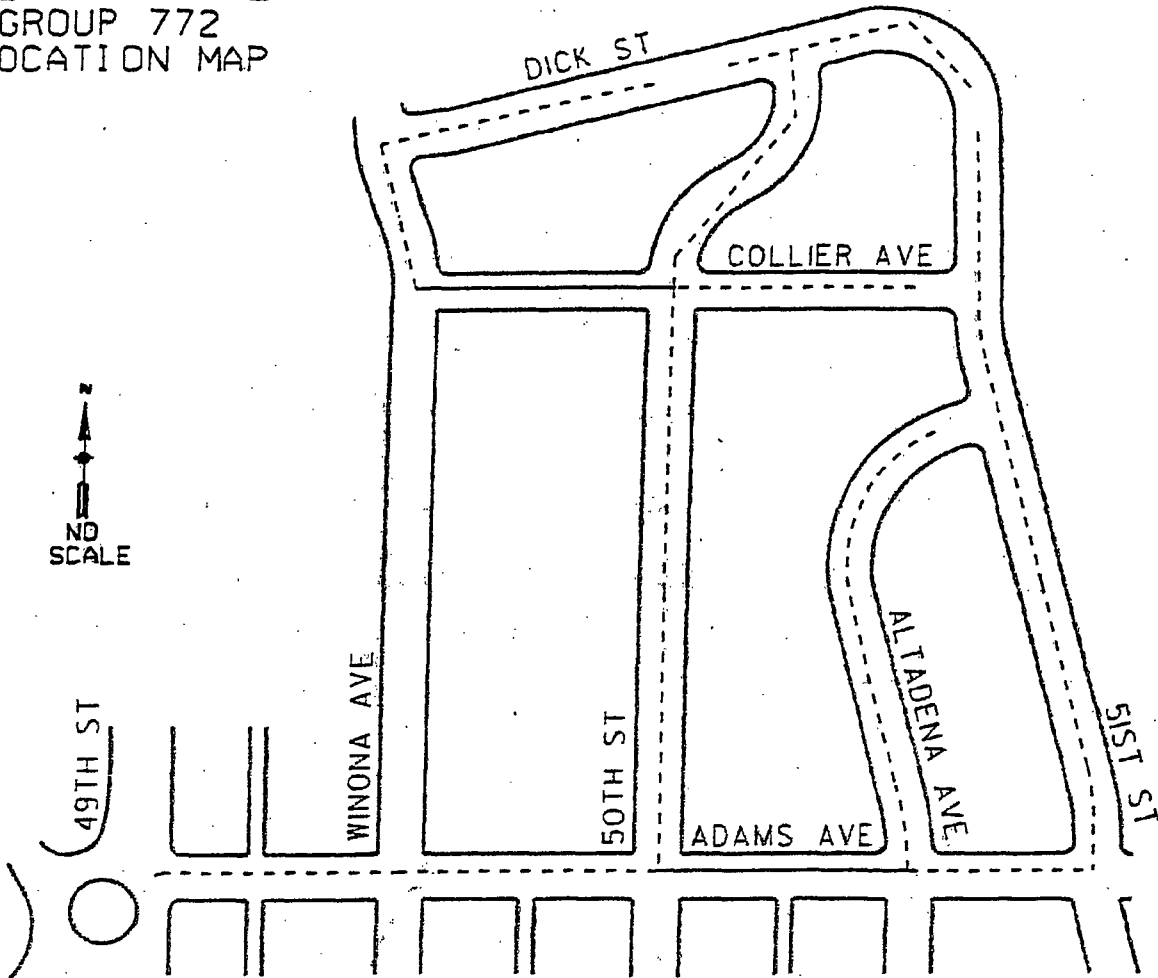
Figure  
 3

305474





SEWER AND WATER  
GROUP 772  
LOCATION MAP



LEGEND:  
----- SEWER MAIN REPLACEMENT  
————— WATER & SEWER MAIN REPLACEMENT

Sewer and Water Group Job 772

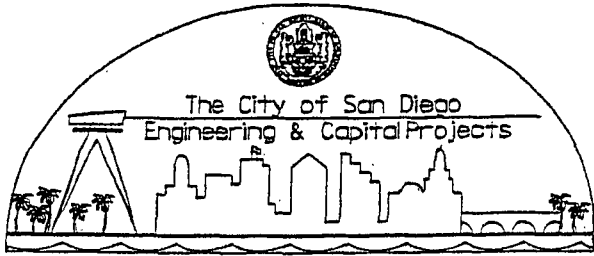
Location Map

Environmental Analysis Section Project No. 46878  
CITY OF SAN DIEGO · DEVELOPMENT SERVICES

Figure  
**2**

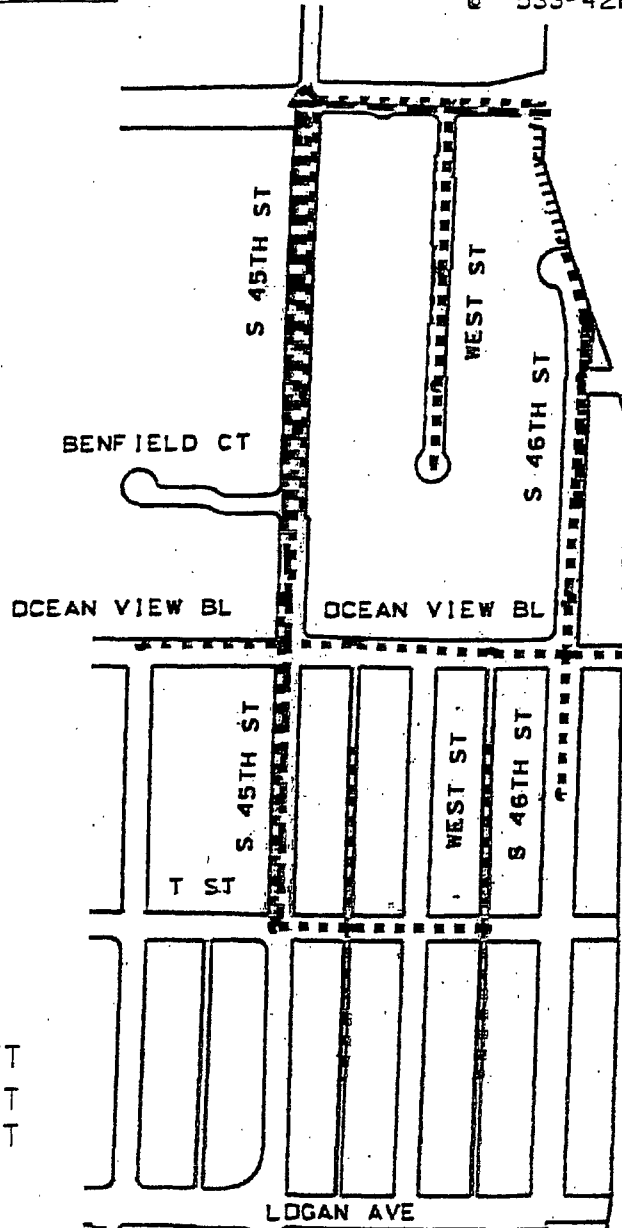


328200



SENIOR PUBLIC  
INFORMATION OFFICER  
SUE BLACKMAN  
533-4207

WATER & SEWER MAIN  
REPLACEMENT  
GROUP 822  
LOCATION MAP



NO  
SCALE

LEGEND:

- WATER MAIN REPLACEMENT
- ..... SEWER MAIN REPLACEMENT
- . - . SEWER MAIN ABANDONMENT
- ..... SEWER MAIN PRIVATIZED

05-19-03 JW

Sewer Group Job 822

# Location Map

Environmental Analysis Section Project No. 45829  
CITY OF SAN DIEGO · DEVELOPMENT SERVICES

Figure

1

R-305474



includes the addition of five decibels to sound levels in the evening from 7:00 p.m. to 10:00 p.m., and a ten decibel addition to nighttime noise produced from 10:00 p.m. to 7:00 a.m. Leq is an average noise level based on the average energy content of sound rather than the average sound pressure level. CNEL recognizes that noise annoyance is related to duration, how often the noise is present, how long it persists, and when it occurs.

Potential noise from construction of the pipelines projects may affect land uses along the proposed alignments. The uses included, but not limited to, residential, commercial, schools, and churches, all of which would be subject to short-term construction noise associated with the heavy equipment used during the construction operation. This effect would be short-term in nature because the noise would be associated with construction activities, which would vary along the proposed alignments as different construction activities occur. A noise permit would be required from the Noise Abatement and Control Administrator for construction work to be conducted during the evening hours pursuant to Municipal Code Section 59.5.0404. Because the construction noise would be short-term and construction activities would comply with the City of San Diego Noise Ordinance, potential noise impacts are considered insignificant.

#### V. RECOMMENDATION:

On the basis of this initial evaluation:

- The proposed project would not have a significant effect on the environment, and a NEGATIVE DECLARATION should be prepared.
- 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 Section IV above have been added to the project. A MITIGATED NEGATIVE DECLARATION should be prepared.
- The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT should be required.

PROJECT ANALYST: K. Forburger

- Attachments:
1. Figure 1: Location Map- Sewer Group Job 822
  2. Figure 2: Location Map- Sewer and Water Group Job 772
  2. Figure 3: Location Map- Sewer Group Job 783
  3. Figure 4: Location Map- Sewer and Water Group Job 754
  5. Figure 5: Location Map- Sewer and Water Group 796
  6. Figure 6: Location Map- La Jolla/Pacific Beach Trunk Sewer Number 3
  7. Initial Study Checklist

formations at a depth of 10 or more feet would be monitored by a qualified paleontologist. If paleontological deposits are discovered, excavation would temporarily cease to allow evaluation, recordation, and recovery of material. These requirements are outlined in Section V. Mitigation, Monitoring and Reporting Program, of the Mitigated Negative Declaration.

The following environmental issues were analyzed and determined to be less than significant: WATER QUALITY, HEALTH AND SAFETY/HAZARDOUS MATERIALS, AND NOISE.

#### WATER QUALITY

Best Management Practices (BMPs) are required during construction activities which would include (but is not limited to) features such as storm drain inlet protection, catch basin inlet protection, stabilized construction entrance/exit areas, and silt fencing. Storm drain inlet protection consisting of gravel bags and filter fabric such as polyethylene or polypropylene would be placed around curb inlets. Catch basin inlet protection would be specified in paved areas by using filter fabric over catch basin grates. Specifications for stabilized construction entrance/exit areas would be provided to minimize transport of sediment off-site. Silt fences and fiber rolls would be specified to minimize surface transport of sediments. The construction contractor would be required to prepare and use a Sewer Spill Prevention and Response Plan. The implementation of BMP's as stated in the contract documents in accordance with the City's Stormwater Regulations would reduce water quality impacts to a below level of significance.

#### HEALTH AND SAFETY/HAZARDOUS MATERIALS

The County of San Diego Department of Environmental Health (DEH) Hazardous Materials Establishment Listing database identifies potentially hazardous material release sites throughout the City of San Diego. As a result, a DEH website search was conducted for the projects listed above resulting in "open" sites along several alignments. As such, trenching activities in this area could possibly encounter some petroleum-contaminated soils. Therefore, the proposed projects would include language within specifications and Contract Documents which address the handling of hazardous materials. Compliance with the County (DEH) Hazardous Materials permitting requirements and an approved health and safety plan would reduce potentially significant impacts for the identified (near term) and future (long term) projects to below a level of significance; therefore, no mitigation is required.

#### NOISE

Noise is generally defined as unwanted or annoying sound that is typically associated with human activity and which interferes with or disrupts normal activities. Although exposure to high noise levels has been demonstrated to cause hearing loss, the principal human response to environmental noise is annoyance. The response of individual to similar noise events is diverse and influenced by the type of noise, the perceived importance of the noise, and its appropriateness in the setting, time of day, the type of activity emitting the noise, and the sensitivity of the individual hearing the sound. Sound levels are usually measured and expressed in units of decibels (dB). Community Noise Equivalent Level (CNEL) is defined as an average sound level during a 24-hour period. CNEL results form the summation of the hourly average noise levels (Leq), which

location, environmental setting, and construction methods. Where the projects are inconsistent with the assumption in this environmental document or in the event an impact would result, a determination of environmental document to be prepared would be made based on completion of an Initial Study. Proposed pipeline projects which are less than one mile in length would continue to qualify for a Statutory Exemption pursuant to Section 15282 (1) "Pipeline" of the State CEQA Guidelines.

## II. ENVIRONMENTAL SETTING:

The proposed project alignments would be located within various public rights-of-way within the City of San Diego. All proposed alignments would be located outside of Environmentally Sensitive Lands (ESL) and the Multi-Habitat Planning Area (MHPA). Proposed alignments may be located within the State Coastal Zone and/or within the City of San Diego Coastal Zone. Surrounding land uses within the proposed project vicinities may include, but not be limited to, single-family residential, multi-family residential, commercial, industrial, parking lots, and public rights-of-way.

## III. ENVIRONMENTAL ANALYSIS: See attached Initial Study checklist.

## IV. DISCUSSION:

The following environmental issues were analyzed and determined to be significant: HISTORICAL RESOURCES (ARCHAEOLOGY), PALEONTOLOGICAL RESOURCES, AND NOISE

### HISTORICAL RESOURCES (ARCHAEOLOGY)

San Diego County is known for intense and diverse prehistoric occupation and important archaeological resources. These areas have been inhabited by various cultural groups spanning 10,000 years or more. Camp sites and villages have been recorded from Del Mar to Tijuana. Additionally, previously recorded archaeological sites consisting of both prehistoric and/or historic resources have been identified within a one-mile radius of the proposed project alignments. Based on this information, there is a potential that buried archaeological resources could be impacted during excavation for new and/or deeper trenches. Therefore, trenching activities could result in significant impacts to archaeological resources.

To reduce this impact to below a level of significance, a preconstruction record search would be required and utilized to determine areas of high to moderate resource potential. The predetermined areas would be monitored by a qualified archaeologist or archaeological monitor. Any cultural resources encountered during monitoring would be analyzed for significance and curated at an appropriate institution. If encountered resources are determined to be significant, a Research Design and Data Recovery Program would be prepared and implemented. These requirements are outlined in Section V., Mitigation Monitoring and Reporting Program, of the Mitigated Negative Declaration.

### PALEONTOLOGICAL RESOURCES

The geologic formations which could underlie the proposed project alignments consist of the formations which are assigned "High" and "Moderate" resource sensitivities. Based on the sensitivity of the affected formation and the proposed excavation depths, the project could result in significant impacts to paleontological resources. To reduce this impact to below a level of significance, excavation within previously undisturbed

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Sewer Group Job 783. Project Number: 47736

The proposed project would consist of the replacement of approximately 12,137 linear feet of sewer main, installation of 2,061 linear feet of new sewer main, and rehabilitation of 245 linear feet of existing sewer main. The proposed project alignment is located within the public rights-of-way of 69<sup>th</sup> Street, Mohawk Street, 70<sup>th</sup> Street, El Cajon Boulevard, 72<sup>nd</sup> Street, Harbinson Avenue, Amherst Avenue, and 73<sup>rd</sup> Street in the College Area Community Plan area (Figure 3).

Sewer and Water Group Job 754. Project Number: 47965

The proposed project would consist of the replacement of approximately 5,350 linear feet of existing sewer main, addition of approximately 1,669 linear feet of new sewer main, and the replacement of approximately 167 linear feet of existing water main. The proposed project alignment is located within the public rights-of-way of Strand Way, Morena Boulevard, Sioux Avenue, Kenosha Avenue, Moraga Avenue, and Elsinore Place within the Clairemont Mesa plan area (Figure 4).

Sewer and Water Group 796. Project Number: 52553

The proposed project would consist of the replacement of 13, 835 linear feet of existing six-inch vitrified clay sewer main with eight-inch PVC pipe. The majority of the proposed work would be replace-in-place. The proposal includes the abandonment of 3,340 linear feet of existing sewer. Approximately 1,230 linear feet of water main is proposed for replacement. The proposed project alignment is located within the public rights-of-way of Livingstone Street, 69<sup>th</sup> Street North, Nassau Drive, Aragon Drive, Suffolk Drive, Rockland Street, Waite Drive, Racine Drive, Zena Drive, Meridian Avenue, Lemarand Avenue, and 54<sup>th</sup> Street within the Eastern Area Community Planning area (Figure 5).

LaJolla/Pacific Beach Trunk Sewer Number 3. Project Number: 39430

The proposed project would consist of the replacement of approximately 6,890 linear feet of 33-inch trunk sewer and 27-inch trunk sewer. Open trench method of construction would be employed for installing the new trunk sewer mains. Due to the new alignment, 95 percent of the pipeline would be located in new trenches and five percent would be located in an existing trench. The proposed project alignment is located within the public right-of-way of Balboa Avenue, Olney Street, Thomas Avenue, Noyes Street, Morrell Street, Pacific Beach Drive, Honeycutt Street, Fortuna Avenue, Sequoia Street, Crown Point Drive, and La Playa Avenue within the Pacific Beach Community Planning area (Figure 6).

Subsequent Pipeline Project Review (Long Term)

Future applications for the replacement, rehabilitation, relocation, point repair, open trenching, and abandonment of water and/or sewer pipeline alignments as indicated in the Purpose and Main Features discussion of the Initial Study within the City of San Diego would be reviewed for potential impacts and consistency with this Mitigated Negative Declaration. Where it can be determined that the project is consistent with this Mitigated Negative Declaration, if the project alignment and/or staging areas does not impact potentially sensitive biological resources, and no additional potentially significant impacts would result pursuant to Section 15162 of the State of California Environmental Quality Act (CEQA), an addendum to this Mitigated Negative Declaration would be prepared. The addendum would discuss the specifics of each project including the

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**Rehabilitation:** Rehabilitation of alignment involves installing a new lining in old pipes. The insertion is done through existing manhole access points and does not require removal of pavement or excavation of soils.

**Abandonment:** Pipeline abandonment activities would be similar to rehabilitation methods in that no surface/subsurface disturbance would occur. This process may involve slurry or grout material injected into the abandoned lines via manhole access. The top portion of the manhole is then typically removed and remaining void space backfilled and paved over.

**Potholing:** Potholing would be used to verify reconnection of laterals to mains where lines would be raised or realigned (higher than existing depth, but still below ground) or to verify utility crossings. These 'potholes' are made by using vacuum type equipment to open up small holes into the street or pavement.

**Point Repairs:** Point Repairs include replacing a portion of a pipe segment by open trench excavation methods in which localized structural defects have been identified. Generally, point repairs are confined to an eight-foot section of pipe.

The following near term projects have been reviewed by the City of San Diego Development Services Department (DSD) for compliance with the Land Development Code and as such, have been determined to be exempt from obtaining a Site Development Permit and Coastal Development Permit. Furthermore, the projects would not result in any significant effects to the environment or pose significant risk to public health and safety. The projects would involve excavations within areas having a high potential to yield archaeological as well as paleontological resources. Mitigation would be required to reduce potentially adverse effects to archaeological and paleontological resources during construction activities. In addition, the contract documents would include specific storm water pollution control and management requirements in compliance with the Federal Clean Water Act, Municipal Storm Water/National Pollutant Discharge Elimination System Permit. Pipeline projects which are located within the California Coastal Commission (CCC) jurisdiction may require CCC approval and issuance of a State Coastal Development Permit.

Sewer Group Job 822. Project Number: 45829

The project would consist of 6,930 total linear feet of sewer pipes which includes approximately 2,710 feet of replacement in place (2,710 feet is to be replaced deeper than existing), 4,220 feet of new alignment, and 4,480 feet of abandonment. The proposed depth of the sewer alignment varies from seven-feet to 18-feet. The project would also consist of 2,692 total linear feet of water pipes. The proposed project would be located within the public right-of-way of Imperial Avenue, Ocean View Boulevard, T Street., 45th Street, West Street, 46th Street, and a portion of the alley between 45th St. and West Street. The project alignment is located within the Southeastern San Diego Community Plan area (Figure 1).

Sewer and Water Group Job 772. Project Number: 46878

The proposed project would consist of the replacement of approximately 1,700 linear feet of sewer main and 660 linear feet of water main, approximately 5,047 linear feet of sewer abandonment, and the addition of 3,900 linear feet of new sewer main. The proposed project alignment is located within the public rights-of-way of Dick Street, Collier Avenue, Adams Avenue, 50<sup>th</sup> Street, Altadena Avenue, and 51<sup>st</sup> Street within the Kensington/Talmadge Community Planning area (Figure 2).

ATBCE

City of San Diego  
Development Services Department  
LAND DEVELOPMENT REVIEW DIVISION  
1222 First Avenue, Mail Station 501  
San Diego, CA 92101  
(619) 446-5460

INITIAL STUDY  
PTS No. 63654

SUBJECT: Citywide Pipeline Projects: COUNCIL APPROVAL to allow for the replacement rehabilitation, relocation, point repair, open trenching, and abandonment of water and/or sewer alignments within the City of San Diego. Proposed work would be located within City of San Diego public rights-of-way (paved streets) including areas devoid of potentially sensitive biological resources. As such, the proposed projects would not be located within or adjacent to the City of San Diego's Multi-Habitat Planning Area (MHPA). The proposed project sites would be located within any community planning areas. Applicants: City of San Diego Engineering and Capital Projects Department (EC&P), City of San Diego Water Department, and City of San Diego Metropolitan Waste Water Division (MWWD).

I. PURPOSE AND MAIN FEATURES:

The proposed project would allow for the replacement rehabilitation, relocation, point repair, new trenching, and abandonment of water and/or sewer alignments where the entire construction footprint, including staging areas and other areas (such as access) necessary for temporary construction use, would be located within the City of San Diego public right-of-way (PROW), public easements, including areas devoid of potentially sensitive biological resources. Proposed projects would not be located adjacent or within close proximity to the City of San Diego's Multi-Habitat Planning Area (MHPA) where construction activities and/or associated noise would exceed 60 dBA hourly LEQ at the edge of any protected species occupied MHPA. The proposal may include planned pipeline construction within private easements from the PROW to the service connection. A signed agreement between the City and the property owner would be required for work conducted on private property. The areas proposed for pipeline construction would be devoid of potentially sensitive biological resources.

Projects to be included in the analysis contained herein would consist of Sewer and/or Water Group Jobs, Trunk Sewers, large diameter water pipeline projects, manholes, and other necessary appurtenances. All equipment would be staged in existing right-of-ways adjacent to the proposed work area. During the construction phase of the project, anticipated work hours would occur during the daytime, Monday through Friday. The contractor would comply with the requirements described in the *Standard Specifications for Public Works Construction*, and California Department of Transportation *Manual of Traffic Controls for Construction and Maintenance Work Zones*. If the Average Daily Traffic (ADT) within the proposed project's vicinity is 10,000 ADT or greater, a traffic control plan would be prepared and implemented in accordance with the *City of San Diego Standard Drawings Manual of Traffic Control for Construction and Maintenance Work Zones*. For proposals subject to 10,000 ADT or less, traffic control may be managed through shop drawings during construction. Construction methods to be employed would consist of, but not be limited to:

**Open Trenching:** The open trench method of construction would be used for complete replacement and new alignment portions of the Project. Trenches are typically four feet wide and are dug with excavators and similar large construction equipment.

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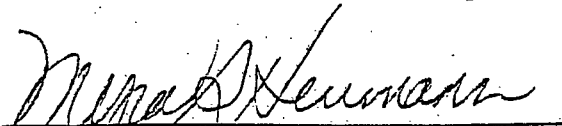
- Barona Group of Capitan Grande Band of Mission Indians\* (225A)
- Campo Band of Mission Indians\* (225B)
- Cuyapaibe Band of Mission Indians\* (225C)
- Inaja and Cosmit Band of Mission Indians\* (225D)
- Jamul Band of Mission Indians\* (225E)
- Posta Band of Mission Indians\* (225F)
- Manzanita Band of Mission Indians\* (225G)
- Sycuan Band of Mission Indians\* (225H)
- Viejas Group of Capitan Grande Band of Mission Indians\* (225I)
- Mesa Grande Band of Mission Indians\* (225J)
- San Pasqual Band of Mission Indians\* (225K)
- Santa Ysabel Band of Diegueño Indians\* (225L)
- La Jolla Band of Mission Indians\* (225M)
- Pala Band of Mission Indians\* (225N)
- Pauma Band of Mission Indians\* (225O)
- Pechanga Band of Mission Indians\* (225P)
- Rincon Band of Luiseno Mission Indians\* (225Q)
- Los Coyotes Band of Mission Indians\* (225R)

\*PUBLIC NOTICE ONLY

VII. RESULTS OF PUBLIC REVIEW:

- ( ) No comments were received during the public input period.
- ( ) Comments were received but did not address the draft Mitigated Negative Declaration finding or the accuracy/completeness of the Initial Study. No response is necessary. The letters are attached.
- (X) Comments addressing the findings of the draft Mitigated Negative Declaration and/or accuracy or completeness of the Initial Study were received during the public input period. The letters and responses follow.

Copies of the draft Mitigated Negative Declaration, the Mitigation, Monitoring and Reporting Program and any Initial Study material are available in the office of the Land Development Review Division for review, or for purchase at the cost of reproduction.

  
Myra Herrmann, Senior Planner  
Development Services Department

March 14, 2005  
Date of Draft Report

April 21, 2005  
Date of Final Report

May 24, 2005  
Date of Revised Final Report

Analyst: K. Forburger

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Mission Hills Association (327)  
Mission Valley Unified Planning Organization (331)  
Navajo Community Planners Inc (336)  
Carmel Mountain Ranch Community Council (344)  
Carmel Valley Community Planning Board (350)  
Del Mar Mesa Community Planning Board (361)  
Greater North Park Planning Committee (363)  
Gaslamp Quarter Council (239)  
Barreo Station (241)  
Harborview Community Council (246)  
Centre City Development Corporation (MS 510)  
Ocean Beach Planning Board (367)  
Pacific Beach Community Planning Committee (345)  
Old Town Community Planning Committee (368)  
San Diego Unified Port Authority (109)  
Peninsula Community Planning Board (390)  
Torrey Hills Community Planning Group (444A)  
Rancho Penasquitos Planning Board (380)  
Rancho Bernardo Community Planning Board (400)  
Sabre Springs Planning Group (406B)  
Sabre Springs Community Planning Group (407)  
San Dieguito Planning Board (412)  
San Pasqual/Lake Hodges Planning Group (426)  
Southeastern San Diego Planning Committee (449)  
SESD Community Planning Group (449A)  
Tierasanta Community Council (462)  
Uptown Planners (498)  
Murphy Canyon Community Council (463)  
Torrey Pines Community Planning Group (469)  
University City Community Planning (480)  
San Ysidro Planning and Development Group (433)  
Scripps Ranch Community Planning Group (437)  
Miramar Ranch North Planning Committee (439)  
Skyline Paradise Hills Planning Committee (443)  
Town Council Presidents Association (197)  
Community Planners Council (198)  
San Diego Natural History Museum (166)  
SD Historical Society (211)  
South Coastal Information Center, San Diego State University (210)  
Save Our Heritage Organisation (214)  
San Diego County Archaeological Society, Inc. (218)  
San Diego Archaeological Center (212)  
Dr. Jerry Schaefer (209)  
Ron Christman (215)  
Louie Guassac (215A)  
Kumeyaay Cultural Repatriation Committee (225)

Rancho Bernardo CSC (MS 90)  
San Ysidro CSC (MS 93)  
Engineering and Capital Projects (MS 908A)  
    Dick Rol, Senior Environmental Planner  
    Nhon Dong, Project Engineer  
    Mohsen, Maali, Project Engineer  
    Collins Solomon, Project Engineer  
    Paul Hanna, Project Engineer  
    Riyadh Makani, Project Engineer  
Metropolitan Wastewater Division (MWW), Richard Grunow  
Water Department, Mike Gonzalez  
General Services Department, Anthony Ragine  
Mission Bay Park Committee (320)  
Peninsula Community Service Center (389)  
Library, Gov't documents (81)  
Parks and Recreation Department (83)

Others

SD Unified School (125)  
SD City Schools (132)  
SD Community College (133)  
Community Planning Committee (194)  
SDGE (144)  
MTDB (115)  
SD Transit (112)  
Balboa Park Committee (226)  
Otay Mesa Nestor Planning Committee (228)  
Otay Mesa Planning Committee (235)  
Clairemont Mesa Planning Committee (248)  
Greater Golden Hill Planning Committee (259)  
Hillcrest Business District (262)  
Serra Mesa Planning Group (263A)  
Kearny Mesa Town Council (263)  
Linda Vista Community Planning Committee (267)  
La Jolla Community Planning Association (275)  
La Jolla Shores Association (272)  
Balboa Park Committee (226A)  
Presido Park Council (MS 93)  
College Area Community Council (456)  
City Heights Area Planning Committee (287)  
Mid City Development Corporation (289)  
Kensington Talmadge Planning Committee (290)  
Normal Heights Community Planning Committee (291)  
Eastern Area Planning Committee (302)  
Midway Community Planning Advisory Committee (307)  
Mira Mesa Community Planning Group (310)  
Mission Beach Precise Planning Board (325)

B. Final Monitoring Report(s)

1. The PI shall submit two copies of the Final Monitoring Report to MMC (even if negative), within 90-days after approval of the draft report, which describes the results, analysis, and conclusions of the Paleontological Monitoring Program (with appropriate graphics).
2. The RE shall, in no case, issue the Notice of Completion until receiving a copy of the approved Final Monitoring Report from MMC which includes the Acceptance Verification from the curation institution.

VI. PUBLIC REVIEW DISTRIBUTION:

Draft copies or notice of this Mitigated Negative Declaration were distributed to:

Federal

U.S. Border Patrol (22)  
MCAS Miramar (13)  
Jose de Lona, Real Estate Division, Navy (8)  
Jennifer Weilbacher, Realty Specialist, Navy (8a)  
Marine Corps Recruit Depot (14)

State of California

Coastal Commission (48)  
Department of Parks and Recreation (40)  
Caltrans (31)  
Regional Water Quality Control Board (44)

San Diego County

Department of Environmental Health (DEH) (75)  
Planning and Land Use (68)  
County Public Works  
Water Authority (73)

City of San Diego

Mayor's Office (91)  
Councilmember Peters, District 1  
Councilmember Zucchet, District 2  
Councilmember Atkins, District 3  
Councilmember Young, District 4  
Councilmember Maienschein, District 5  
Councilmember Frye, District 6  
Councilmember Madaffer, District 7  
Councilmember Inzunza, District 8  
Development Services Department  
Planning Department  
Clairemont Community Service Center (CSC) (MS 97)  
Mid City CSC (MS 94)  
Navajo CSC (MS 95)  
Carmel Valley CSC (MS 101)  
Central CSC

VI. Post Construction

A. Completion of Monitoring Program and Submittal of Draft Monitoring Report

1. The PI shall submit two copies of the Draft Monitoring Report (even if negative) which describes the results, analysis, and conclusions of all phases of the Paleontological Monitoring Program (with appropriate graphics) to MMC via the RE for review and approval within 90-days following the completion of monitoring.
  - a. For significant paleontological resources encountered during monitoring, the Paleontological Recovery Program or Pipeline Trenching Discovery Process shall be included in the Draft Monitoring Report.
  - b. MMC shall return the Draft Monitoring Report to the PI via the RE for revision or, for preparation of the Final Report.
  - c. Recording Sites with the San Diego Natural History Museum  
The PI shall be responsible for recording (on the appropriate forms) any significant or potentially significant fossil resources encountered during the Paleontological Monitoring Program in accordance with the City's Paleontological Guidelines, and submittal of such forms to the San Diego Natural History Museum with the Final Monitoring Report.
  - d. MMC shall notify the RE or BI, as appropriate, of receipt of the Draft Monitoring Report.
2. Handling of Fossil Remains
  - a. The PI shall be responsible for ensuring that all fossil remains collected are cleaned and catalogued
  - b. The PI shall be responsible for ensuring that all fossils are analyzed to identify function and chronology as they relate to the history of the area; that faunal material is identified as to species; and that specialty studies are completed, as appropriate.
3. Curation of fossils: Deed of Gift and Acceptance Verification
  - a. The PI shall be responsible for ensuring that all fossils associated with the monitoring program for this project are permanently curated with an appropriate institution.
  - b. The PI shall submit the Deed of Gift and catalogue record(s) to MMC for signature by the RE or BI, as appropriate.
  - c. The RE or BI, as appropriate shall obtain signature on Deed of Gift and shall return to MMC.
  - d. MMC shall return the signed Deed of Gift to the PI.
  - e. The PI shall include the Acceptance Verification from the curation institution to MMC with submittal of the Final Monitoring Report.

~~B. Final Monitoring Report(s)~~

~~The PI shall submit two copies of the Final Monitoring Report to MMC within 90 days (even if negative), which describes the results, analysis, and conclusions of all phases of the Archaeological Monitoring Program (with appropriate graphics).~~



- ~~Archaeological Monitoring Program (with appropriate graphics) to MMC for review and approval within 90 days following the completion of monitoring;~~
- ~~a. For significant archaeological resources encountered during monitoring, the Archaeological Data Recovery Program or Pipeline Trenching Discovery Process shall be included in the Draft Monitoring Report.~~
- ~~b. MMC shall return the Draft Monitoring Report to the PI for revision or, for preparation of the Final Report.~~
- ~~c. Recording Sites with State of California Department of Parks and Recreation~~  
~~The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms DPR 523-AD) any significant or potentially significant resources encountered during the Archaeological Monitoring Program in accordance with the City's Historical Resources Guidelines, and submittal of such forms to the South Coastal Information Center with the Final Monitoring Report.~~
- ~~d. MMC shall notify the RE or BI, as appropriate, of receipt of the Draft Monitoring Report.~~

~~2. Handling of Artifacts~~

- ~~a. The PI shall be responsible for ensuring that all cultural remains collected are cleaned and catalogued~~
- ~~b. The PI shall be responsible for ensuring that all artifacts are analyzed to identify function and chronology as they relate to the history of the area; that faunal material is identified as to species; and that specialty studies are completed, as appropriate.~~

~~3. Curation of artifacts, Deed of Gift and Acceptance Verification~~

- ~~a. The PI shall be responsible for ensuring that all artifacts associated with the survey, testing and/or data recovery for this project are permanently curated with an appropriate institution. This shall be completed in consultation with EAS and the Native American representative, as applicable.~~
- ~~b. The PI shall submit the Deed of Gift and catalogue record(s) to MMC for signature by the RE or BI, as appropriate.~~
- ~~c. The RE or BI, as appropriate shall obtain signature on Deed of Gift and shall return to MMC.~~
- ~~d. MMC shall return the signed Deed of Gift to the PI.~~
- ~~e. The PI shall include the Acceptance Verification from the curation institution to MMC with submittal of the Final Monitoring Report.~~

~~B. Final Monitoring Report(s)~~

- ~~1. The PI shall submit two copies of the Final Monitoring Report to MMC (even if negative), within 90 days after approval of the draft report, which describes the results, analysis, and conclusions of all phases of the Archaeological Monitoring Program (with appropriate graphics).~~
- ~~2. The RE shall, in no case, issue the Notice of Completion until receiving a copy of the approved Final Monitoring Report from MMC which includes the Acceptance Verification from the curation institution.~~

1. Procedures for documentation, curation and reporting
  - a. One hundred percent of the fossil resources within the trench alignment and width shall be documented in-situ photographically, drawn in plan view (trench and profiles of side walls), recovered from the trench and photographed after cleaning, then analyzed and curated consistent with Society of Invertebrate Paleontology Standards. The remainder of the deposit within the limits of excavation (trench walls) shall be left intact and so documented.
  - b. The PI shall prepare a Draft Monitoring Report and submit to MMC via the RE as indicated in Section VI-A.
  - c. The PI shall be responsible for recording (on the appropriate forms for the San Diego Natural History Museum) the resource(s) encountered during the Paleontological Monitoring Program in accordance with the City's Paleontological Guidelines. The forms shall be submitted to the San Diego Natural History Museum and included in the Final Monitoring Report.
  - d. The Final Monitoring Report shall include a recommendation for monitoring of any future work in the vicinity of the resource.

#### IV. Night Work

- A. If night work is included in the contract
  1. When night work is included in the contract package, the extent and timing shall be presented and discussed at the precon meeting.
  2. The following procedures shall be followed.
    - a. No Discoveries  
In the event that no discoveries were encountered during night work, The PI shall record the information on the CSVN and submit to MMC via the RE via fax by 9am the following morning, if possible.
    - b. Discoveries  
All discoveries shall be processed and documented using the existing procedures detailed in Sections III - During Construction.
    - c. Potentially Significant Discoveries  
If the PI determines that a potentially significant discovery has been made, the procedures detailed under Section III - During Construction shall be followed.
    - d. The PI shall immediately contact the RE and MMC, or by 8AM the following morning to report and discuss the findings as indicated in Section III-B, unless other specific arrangements have been made.
- B. If night work becomes necessary during the course of construction
  1. The Construction Manager shall notify the RE, or BI, as appropriate, a minimum of 24 hours before the work is to begin.
  2. The RE, or BI, as appropriate, shall notify MMC immediately.
- C. All other procedures described above shall apply, as appropriate.

#### ~~VI. Post Construction~~

- ~~A. Completion of Monitoring Program and Submittal of Draft Monitoring Report~~
  - ~~1. The PI shall submit two copies of the Draft Monitoring Report (even if negative) which describes the results, analysis, and conclusions of all phases of the~~

B. Discovery Notification Process

1. In the event of a discovery, the Paleontological Monitor shall direct the contractor to temporarily divert trenching activities in the area of discovery and immediately notify the RE or BI, as appropriate.
2. The Monitor shall immediately notify the PI (unless Monitor is the PI) of the discovery.
3. The PI shall immediately notify MMC by phone of the discovery, and shall also submit written documentation to MMC within 24 hours by fax or email with photos of the resource in context, if possible.

C. Determination of Significance

1. The PI shall evaluate the significance of the resource.
  - a. The PI shall immediately notify MMC by phone to discuss significance determination and shall also submit a letter to MMC indicating whether additional mitigation is required. The determination of significance for fossil discoveries shall be at the discretion of the PI.
  - b. If the resource is significant, the PI shall submit a Paleontological Recovery Program (PRP) and obtain written approval from MMC. ~~For pipeline trenching projects only, the PI shall implement the Discovery Process for Pipeline Trenching projects identified below under "D." Impacts to significant resources must be mitigated before PRP and any mitigation must be approved by MMC, RE, and /or CM before ground disturbing activities in the area of discovery will be allowed to resume.~~  
(1). Note: For pipeline trenching projects only, the PI shall implement the Discovery Process for Pipeline trenching projects identified below under "D."
  - c. If resource is not significant (e.g., small pieces of broken common shell fragments or other scattered common fossils) the PI shall notify the RE, or BI as appropriate, that a non-significant discovery has been made. The Paleontologist shall continue to monitor the area without notification to MMC unless a significant resource is encountered.
  - d. The PI shall submit a letter to MMC indicating that fossil resources will be collected, curated, and documented in the Final Monitoring Report. The letter shall also indicate that no further work is required.
    - (1). Note: For Pipeline Trenching Projects Only. If the fossil discovery is limited in size, both in length and depth; the information value is limited and there are no unique fossil features associated with the discovery area, then the discovery should be considered not significant.
    - (2). Note: for Pipeline Trenching Projects Only: If significance can not be determined, the Final Monitoring Report and Site Record shall identify the discovery as Potentially Significant.

D. Discovery Process for Significant Resources - Pipeline Trenching Projects

The following procedure constitutes adequate mitigation of a significant discovery encountered during pipeline trenching activities including but not limited to excavation for jacking pits, receiving pits, laterals, and manholes to reduce impacts to below a level of significance.

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- a. If the PI is unable to attend the Precon Meeting, the Applicant shall schedule a focused Precon Meeting with MMC, the PI, RE, CM or BI, if appropriate, prior to the start of any work that requires monitoring.
2. Acknowledgement of Responsibility for Curation (CIP or Other Public Projects)  
The applicant shall submit a letter to MMC acknowledging their responsibility for the cost of curation associated with all phases of the paleontological monitoring program.
3. Identify Areas to be Monitored  
Prior to the start of any work that requires monitoring, the PI shall submit a Paleontological Monitoring Exhibit (PME) based on the appropriate construction documents (reduced to 11x17) to MMC for approval identifying the areas to be monitored including the delineation of grading/excavation limits. The PME shall be based on the results of a site specific records search as well as information regarding existing known soil conditions (native or formation):
4. When Monitoring Will Occur
  - a. Prior to the start of any work, the PI shall also submit a construction schedule to MMC through the RE indicating when and where monitoring will occur.
  - b. The PI may submit a detailed letter to MMC prior to the start of work or during construction requesting a modification to the monitoring program. This request shall be based on relevant information such as review of final construction documents which indicate conditions such as: depth of excavation and/or site graded to bedrock, presence or absence of fossil resources, etc., that may reduce or increase the potential for resources to be present.

### III. During Construction

#### A. Monitor Shall be Present During Grading/Excavation/Trenching

1. The monitor shall be present full-time during grading/excavation/trenching activities including, but not limited to mainline, laterals, services and all other appurtenances associated with underground utilities as identified on the PME that could result in impacts to formations with high and moderate resource sensitivity at depths of 10 feet or greater and as authorized by the construction manager **The Construction Manager is responsible for notifying the RE, PI, and MMC of changes to any construction activities.**
2. The monitor shall document field activity via the Consultant Site Visit Record (CSV). The CSV's shall be faxed by the CM to the RE the first day of monitoring, the last day of monitoring, monthly (**Notification of Monitoring Completion**), and in the case of ANY discoveries. The RE shall forward copies to MMC.
3. The PI may submit a detailed letter to CM and/or RE for concurrence and forwarding to MMC during construction requesting a modification to the monitoring program when a field condition such as trenching activities that do not encounter formational soils as previously assumed, and/or when unique/unusual fossils are encountered, which may reduce or increase the potential for resources to be present.

2. The PI shall submit the Accession Agreement and catalogue record(s) to the RE or BI, as appropriate for donor signature with a copy submitted to MMC.
3. The RE or BI, as appropriate shall obtain signature on the Accession Agreement and shall return to PI with copy submitted to MMC.
4. The PI shall include the Acceptance Verification from the curation institution in the Final Monitoring Report submitted to the RE or BI and MMC.

PALEONTOLOGICAL RESOURCES

I. Prior to Permit Issuance, ~~Award of Contract or First Preconstruction Meeting~~, or Bid Opening

A. Land Development Review (LDR) Plan Check

1. Prior to permit issuance, ~~or after award of the contract, but prior to the first preconstruction meeting~~, Bid opening whichever is applicable, the Assistant Deputy Director (ADD) Environmental designee shall verify that the requirements for Paleontological Monitoring have been noted on the appropriate construction documents.

B. Letters of Qualification have been submitted to ADD

1. The applicant shall submit a letter of verification to Mitigation Monitoring Coordination (MMC) identifying the Principal Investigator (PI) for the project and the names of all persons involved in the paleontological monitoring program, as defined in the City of San Diego Paleontology Guidelines.
2. MMC will provide a letter to the applicant confirming the qualifications of the PI and all persons involved in the paleontological monitoring of the project.
3. Prior to the start of work, the applicant must obtain approval from MMC for any personnel changes associated with the monitoring program.

II. Prior to Start of Construction

A. Verification of Records Search

1. The PI shall provide verification to MMC that a site specific records search has been completed. Verification includes, but is not limited to, a copy of a confirmation letter from San Diego Natural History Museum, other institution or, if the search was in-house, a letter of verification from the PI stating that the search was completed.
2. The letter shall introduce any pertinent information concerning expectations and probabilities of discovery during trenching and/or grading activities.

B. PI Shall Attend Precon Meetings

1. Prior to beginning any work that requires monitoring, the Applicant shall arrange a Precon Meeting that shall include the PI, Construction Manager (CM) and/or Grading Contractor, Resident Engineer (RE), Building Inspector (BI), if appropriate, and MMC. The qualified paleontologist shall attend any grading/excavation related Precon Meetings to make comments and/or suggestions concerning the Paleontological Monitoring program with the Construction Manager and/or Grading Contractor.

~~B. Final Monitoring Report(s)~~

- ~~1. The PI shall submit two copies of the Final Monitoring Report to MMC (even if negative), within 90 days after approval of the draft report, which describes the results, analysis, and conclusions of all phases of the Archaeological Monitoring Program (with appropriate graphics).~~
- ~~2. The RE shall, in no case, issue the Notice of Completion until receiving a copy of the approved Final Monitoring Report from MMC which includes the Acceptance Verification from the curation institution.~~

VI. Post Construction

A. Submittal of Draft Monitoring Report

1. The PI shall submit two copies of the Draft Monitoring Report (even if negative) which describes the results, analysis, and conclusions of all phases of the Archaeological Monitoring Program (with appropriate graphics) to MMC via the RE for review and approval within 90-days following the completion of monitoring.
  - a. For significant archaeological resources encountered during monitoring, the Archaeological Data Recovery Program or Pipeline Trenching Discovery Process shall be included in the Draft Monitoring Report.
  - b. Recording Sites with State of California Department of Parks and Recreation  
The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms-DPR 523 A/B) any significant or potentially significant resources encountered during the Archaeological Monitoring Program in accordance with the City's Historical Resources Guidelines, and submittal of such forms to the South Coastal Information Center with the Final Monitoring Report.
2. MMC shall return the Draft Monitoring Report to the PI via the RE for revision or for preparation of the Final Report.
3. The PI shall submit revised Draft Monitoring Report to MMC via the RE for approval.
4. MMC shall provide written verification to the PI of the approved report.
5. MMC shall notify the RE or BI, as appropriate, of receipt of all Draft Monitoring Report submittals and approvals.

B. Handling of Artifacts

1. The PI shall be responsible for ensuring that all cultural remains collected are cleaned and catalogued
2. The PI shall be responsible for ensuring that all artifacts are analyzed to identify function and chronology as they relate to the history of the area; that faunal material is identified as to species; and that specialty studies are completed, as appropriate.

C. Curation of artifacts: Accession Agreement and Acceptance Verification

1. The PI shall be responsible for ensuring that all artifacts associated with the survey, testing and/or data recovery for this project are permanently curated with an appropriate institution. This shall be completed in consultation with MMC and the Native American representative, as applicable.

- B. If night work becomes necessary during the course of construction
  - 1. The Construction Manager shall notify the RE, or BI, as appropriate, a minimum of 24 hours before the work is to begin.
  - 2. The RE, or BI, as appropriate, shall notify MMC immediately.
- C. All other procedures described above shall apply, as appropriate.

~~VI. Post Construction~~

- ~~A. Completion of Monitoring Program and Submittal of Draft Monitoring Report~~
  - ~~1. The PI shall submit two copies of the Draft Monitoring Report (even if negative) which describes the results, analysis, and conclusions of all phases of the Archaeological Monitoring Program (with appropriate graphics) to MMC for review and approval within 90 days following the completion of monitoring.~~
    - ~~a. For significant archaeological resources encountered during monitoring, the Archaeological Data Recovery Program or Pipeline Trenching Discovery Process shall be included in the Draft Monitoring Report.~~
    - ~~b. MMC shall return the Draft Monitoring Report to the PI for revision or, for preparation of the Final Report.~~
    - ~~c. Recording Sites with State of California Department of Parks and Recreation~~
      - ~~The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation form DPR 522 A/B) any significant or potentially significant resources encountered during the Archaeological Monitoring Program in accordance with the City's Historical Resources Guidelines, and submittal of such forms to the South Coastal Information Center with the Final Monitoring Report.~~
    - ~~d. MMC shall notify the RE or BI, as appropriate, of receipt of the Draft Monitoring Report.~~
  - ~~2. Handling of Artifacts~~
    - ~~a. The PI shall be responsible for ensuring that all cultural remains collected are cleaned and catalogued.~~
    - ~~b. The PI shall be responsible for ensuring that all artifacts are analyzed to identify function and chronology as they relate to the history of the area; that faunal material is identified as to species; and that specialty studies are completed, as appropriate.~~
  - ~~3. Curation of artifacts: Deed of Gift and Acceptance Verification~~
    - ~~a. The PI shall be responsible for ensuring that all artifacts associated with the survey, testing and/or data recovery for this project are permanently curated with an appropriate institution. This shall be completed in consultation with EAS and the Native American representative, as applicable.~~
    - ~~b. The PI shall submit the Deed of Gift and catalogue record(s) to MMC for signature by the RE or BI, as appropriate.~~
    - ~~c. The RE or BI, as appropriate shall obtain signature on Deed of Gift and shall return to MMC.~~
    - ~~d. MMC shall return the signed Deed of Gift to the PI.~~
    - ~~e. The PI shall include the Acceptance Verification from the curation institution to MMC with submittal of the Final Monitoring Report.~~

2. The NAHC shall contact the PI within 24 hours or sooner, after Medical Examiner has completed coordination.
3. NAHC shall identify the person or persons determined to be the Most Likely Descendent (MLD) and provide contact information..
4. The PI shall coordinate with the MLD for additional consultation.
5. Disposition of Native American Human Remains shall be determined between the MLD and the PI, IF:
  - a. The NAHC is unable to identify the MLD, OR the MLD failed to make a recommendation within 24 hours after being notified by the Commission; OR;
  - b. The landowner or authorized representative rejects the recommendation of the MLD and mediation in accordance with PRC 5097.94 (k) by the NAHC fails to provide measures acceptable to the landowner.

D. If Human Remains are NOT Native American

1. The PI shall contact the Medical Examiner and notify them of the historic era context of the burial.
2. The Medical Examiner will determine the appropriate course of action with the PI and City staff (PRC 5097.98).
3. If the remains are of historic origin, they shall be appropriately removed and conveyed to the Museum of Man for analysis. The decision for internment of the human remains shall be made in consultation with MMC, EAS, the applicant department and/or Real Estate Assets Department (READ) and the Museum of Man.

V. Night Work

A. If night work is included in the contract

1. When night work is included in the contract package, the extent and timing shall be presented and discussed at the precon meeting.
2. The following procedures shall be followed.
  - a. No Discoveries  
In the event that no discoveries were encountered during night work, The PI shall record the information on the CSVr and submit to MMC via the RE via fax by 9am the following morning, if possible.
  - b. Discoveries  
All discoveries shall be processed and documented using the existing procedures detailed in Sections III - During Construction, and IV - Discovery of Human Remains.
  - c. Potentially Significant Discoveries  
If the PI determines that a potentially significant discovery has been made, the procedures detailed under Section III - During Construction shall be followed.
  - d. The PI shall immediately contact the RE and MMC, or by 8AM the following morning to report and discuss the findings as indicated in Section III-B, unless other specific arrangements have been made.



D. Discovery Process for Significant Resources - Pipeline Trenching Projects

The following procedure constitutes adequate mitigation of a significant discovery encountered during pipeline trenching activities including but not limited to excavation for jacking pits, receiving pits, laterals, and manholes to reduce impacts to below a level of significance:

1. Procedures for documentation, curation and reporting
  - a. One hundred percent of the artifacts within the trench alignment and width shall be documented in-situ, to include photographic records, plan view of the trench and profiles of side walls, recovered, photographed after cleaning and analyzed and curated. The remainder of the deposit within the limits of excavation (trench walls) shall be left intact.
  - b. The PI shall prepare a Draft Monitoring Report and submit to MMC via the RE as indicated in Section VI-A.
  - c. The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms-DPR 523 A/B) the resource(s) encountered during the Archaeological Monitoring Program in accordance with the City's Historical Resources Guidelines. The DPR forms shall be submitted to the South Coastal Information Center for either a Primary Record or SDI Number and included in the Final Monitoring Report.
  - d. The Final Monitoring Report shall include a recommendation for monitoring of any future work in the vicinity of the resource.

IV. Discovery of Human Remains

If human remains are discovered, work shall halt in that area and the following procedures set forth in the California Public Resources Code (Sec. 5097.98) and State Health and Safety Code (Sec. 7050.5) shall be undertaken:

A. Notification

1. Archaeological Monitor shall notify the RE or BI as appropriate, MMC, and the PI, if the Monitor is not qualified as a PL. MMC will notify the appropriate Senior Planner in the Environmental Analysis Section (EAS).
2. The PI shall notify the Medical Examiner after consultation with the RE, either in person or via telephone.

B. Isolate discovery site

1. Work shall be directed away from the location of the discovery and any nearby area reasonably suspected to overlay adjacent human remains until a determination can be made by the Medical Examiner in consultation with the PI concerning the provenience of the remains.
2. The Medical Examiner, in consultation with the PI, shall determine the need for a field examination to determine the provenience.
3. If a field examination is not warranted, the Medical Examiner shall determine with input from the PI, if the remains are or are most likely to be of Native American origin.

C. If Human Remains ARE determined to be Native American

1. The Medical Examiner shall notify the Native American Heritage Commission (NAHC). By law, ONLY the Medical Examiner can make this call.

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3. The PI may submit a detailed letter to CM and/or RE for concurrence and forwarding to MMC during construction requesting a modification to the monitoring program when a field condition such as modern disturbance post-dating the previous trenching activities, presence of fossil formations, or when native soils are encountered may reduce or increase the potential for resources to be present.

B. Discovery Notification Process

1. In the event of a discovery, the Archaeological Monitor shall direct the contractor to temporarily divert trenching activities in the area of discovery and immediately notify the RE or BI, as appropriate.
2. The Monitor shall immediately notify the PI (unless Monitor is the PI) of the discovery.
3. The PI shall immediately notify MMC by phone of the discovery, and shall also submit written documentation to MMC within 24 hours by fax or email with photos of the resource in context, if possible.

C. Determination of Significance

1. The PI and Native American representative, if applicable, shall evaluate the significance of the resource. If Human Remains are involved, follow protocol in Section IV below.
  - a. The PI shall immediately notify MMC by phone to discuss significance determination and shall also submit a letter to MMC indicating whether additional mitigation is required.
  - b. If the resource is significant, the PI shall submit an Archaeological Data Recovery Program (ADRP) and obtain written approval of the program from MMC, CM and RE. ~~For pipeline trenching projects only, the PI shall implement the Discovery Process for Pipeline Trenching projects identified below under "D." Impacts to significant resources must be mitigated.~~ ADRP and any mitigation must be approved by MMC, RE and/or CM before ground disturbing activities in the area of discovery will be allowed to resume.  
(1) Note: For pipeline trenching project only, the PI shall implement the Discovery Process for Pipeline Trenching projects identified below under "D."
  - c. If resource is not significant, the PI shall submit a letter to MMC indicating that artifacts will be collected, curated, and documented in the Final Monitoring Report. The letter shall also indicate that that no further work is required.
    - (1). Note: For Pipeline Trenching Projects Only. If the deposit is limited in size, both in length and depth; the information value is limited and is not associated with any other resource; and there are no unique features/artifacts associated with the deposit, the discovery should be considered not significant.
    - (2). Note, for Pipeline Trenching Projects Only: If significance can not be determined, the Final Monitoring Report and Site Record (DPR Form 523A/B) shall identify the discovery as Potentially Significant.

B. PI Shall Attend Precon Meetings

1. Prior to beginning any work that requires monitoring, the Applicant shall arrange a Precon Meeting that shall include the PI, Construction Manager (CM) and/or Grading Contractor, Resident Engineer (RE), Building Inspector (BI), if appropriate, and MMC. The qualified Archaeologist shall attend any grading/excavation related Precon Meetings to make comments and/or suggestions concerning the Archaeological Monitoring program with the Construction Manager and/or Grading Contractor.
  - a. If the PI is unable to attend the Precon Meeting, the Applicant shall schedule a focused Precon Meeting with MMC, the PI, RE, CM or BI, if appropriate, prior to the start of any work that requires monitoring.
2. Acknowledgement of Responsibility for Curation (CIP or Other Public Projects)  
The applicant shall submit a letter to MMC acknowledging their responsibility for the cost of curation associated with all phases of the archaeological monitoring program.
3. Identify Areas to be Monitored  
Prior to the start of any work that requires monitoring, the PI shall submit an Archaeological Monitoring Exhibit (AME) based on the appropriate construction documents (reduced to 11x17) to MMC for approval identifying the areas to be monitored including the delineation of grading/excavation limits. The AME shall be based on the results of a site specific records search as well as information regarding the age of existing pipelines, laterals and associated appurtenances and/or any known soil conditions (native or formation).
4. When Monitoring Will Occur
  - a. Prior to the start of any work, the PI shall also submit a construction schedule to MMC through the RE indicating when and where monitoring will occur.
  - b. The PI may submit a detailed letter to MMC prior to the start of work or during construction requesting a modification to the monitoring program. This request shall be based on relevant information such as review of final construction documents which indicate conditions such as: age of existing pipe to be replaced, depth of excavation and/or site graded to bedrock, etc., that may reduce or increase the potential for resources to be present.

III. During Construction

A. Monitor Shall be Present During Grading/Excavation/Trenching

1. The monitor shall be present full-time during grading/excavation/trenching activities including, but not limited to mainline, laterals, services and all other appurtenances associated with underground utilities as identified on the AME and as authorized by the construction manager. **The Construction Manager is responsible for notifying the RE, PI, and MMC of changes to any construction activities.**
2. The monitor shall document field activity via the Consultant Site Visit Record (CSVSR). The CSVSR's shall be faxed by the CM to the RE the first day of monitoring, the last day of monitoring, monthly (Notification of Monitoring Completion), and in the case of ANY discoveries. The RE shall forward copies to MMC.

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V. MITIGATION, MONITORING AND REPORTING PROGRAM:

The following Mitigation Monitoring and Reporting Programs (MMRP) have recently been revised and updated to incorporate currently protocol and/or field procedures.

GENERAL

The following mitigation measures shall be noted on the submitted construction/grading plans and specification, and included under the heading, "Environmental Mitigation Requirements."

HISTORICAL RESOURCES

I. Prior to Permit Issuance, ~~Award of Contract or First Preconstruction Meeting~~ or Bid Opening

A. Land Development Review (LDR) Plan Check

1. Prior to permit issuance or Bid Opening, ~~or after award of the contract, but prior to the first preconstruction meeting, whichever is applicable~~, the Assistant Deputy Director (ADD) Environmental designee shall verify that the requirements for Archaeological Monitoring and Native American monitoring, if applicable, have been noted on the appropriate construction documents.

B. Letters of Qualification have been submitted to ADD

1. The applicant shall submit a letter of verification to Mitigation Monitoring Coordination (MMC) identifying the Principal Investigator (PI) for the project and the names of all persons involved in the archaeological monitoring program, as defined in the City of San Diego Historical Resources Guidelines (HRG). If applicable, individuals involved in the archaeological monitoring program must have completed the 40-hour HAZWOPER training with certification documentation.
2. MMC will provide a letter to the applicant confirming the qualifications of the PI and all persons involved in the archaeological monitoring of the project.
3. Prior to the start of work, the applicant must obtain approval from MMC for any personnel changes associated with the monitoring program.

II. Prior to Start of Construction

A. Verification of Records Search

1. The PI shall provide verification to MMC that a site specific records search (1/4 mile radius) has been completed. Verification includes, but is not limited to a copy of a confirmation letter from South Coast Information Center, or, if the search was in-house, a letter of verification from the PI stating that the search was completed.
2. The letter shall introduce any pertinent information concerning expectations and probabilities of discovery during trenching and/or grading activities.
3. The PI may submit a detailed letter to MMC requesting a reduction to the ~~one~~ 1/4 mile radius.



Land Development  
Review Division  
(619) 446-5460

REVISED

## Mitigated Negative Declaration

Project No. 63654  
SCH No. N/A

**SUBJECT:** Citywide Pipeline Projects: COUNCIL APPROVAL to allow for the replacement rehabilitation, relocation, point repair, open trenching, and abandonment of water and/or sewer alignments within the City of San Diego. Proposed work would be located within City of San Diego public rights-of-way (paved streets) including areas devoid of potentially sensitive biological resources. As such, the proposed projects would not be located within or adjacent to the City of San Diego's Multi-Habitat Planning Area (MHPA). The proposed project sites would be located within any community planning areas. Applicants: City of San Diego Engineering and Capital Projects Department (EC&P), City of San Diego Water Department, and City of San Diego Metropolitan Waste Water Division (MWWD).

### UPDATE:

Minor revisions have been made to this Mitigated Negative Declaration subsequent to the distribution of the draft document for public review and comment. Revisions are denoted by ~~strikeout~~ and underline. Subsequent to distribution of the Final MND, an error was detected within the Historical Resources (Archaeology) and Paleontological Resources MMRP. The revised Final MND states the correct MMRP language and is denoted by ~~double strikeout~~ and double underline.

- I. PROJECT DESCRIPTION: See attached Initial Study.
- II. ENVIRONMENTAL SETTING: See attached Initial Study.
- III. DETERMINATION:

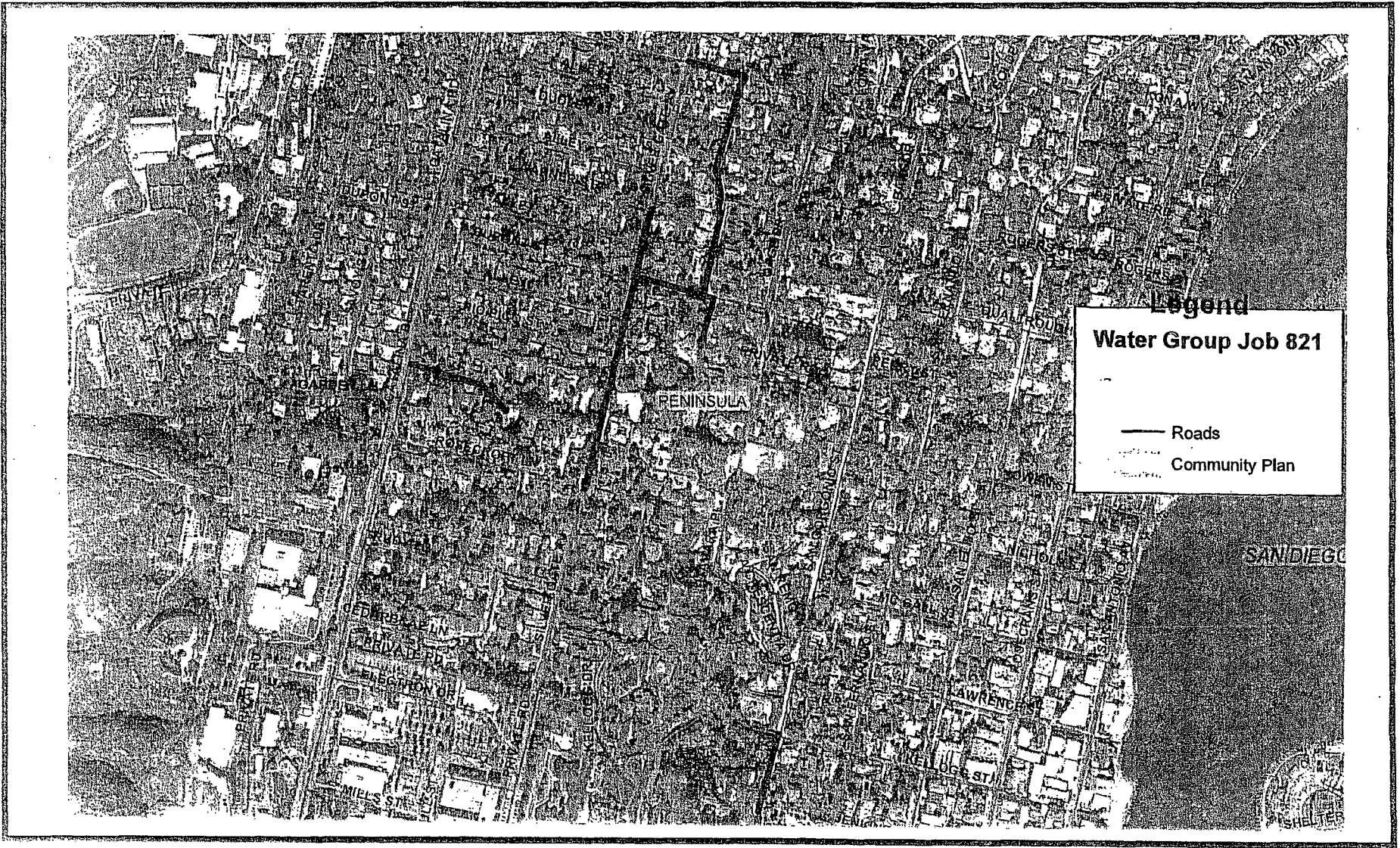
The City of San Diego conducted an Initial Study which determined that the proposed project could have a significant environmental effect in the following areas(s): HISTORICAL RESOURCES AND PALEONTOLOGICAL RESOURCES, ~~AND NOISE~~. Subsequent revisions in the project proposal create the specific mitigation identified in Section V. of this Mitigated Negative Declaration. The project as revised now avoids or mitigates the potentially significant environmental effects previously identified, and the preparation of an Environmental Impact Report will not be required.

### IV. DOCUMENTATION:

The attached Initial Study documents the reasons to support the above Determination.

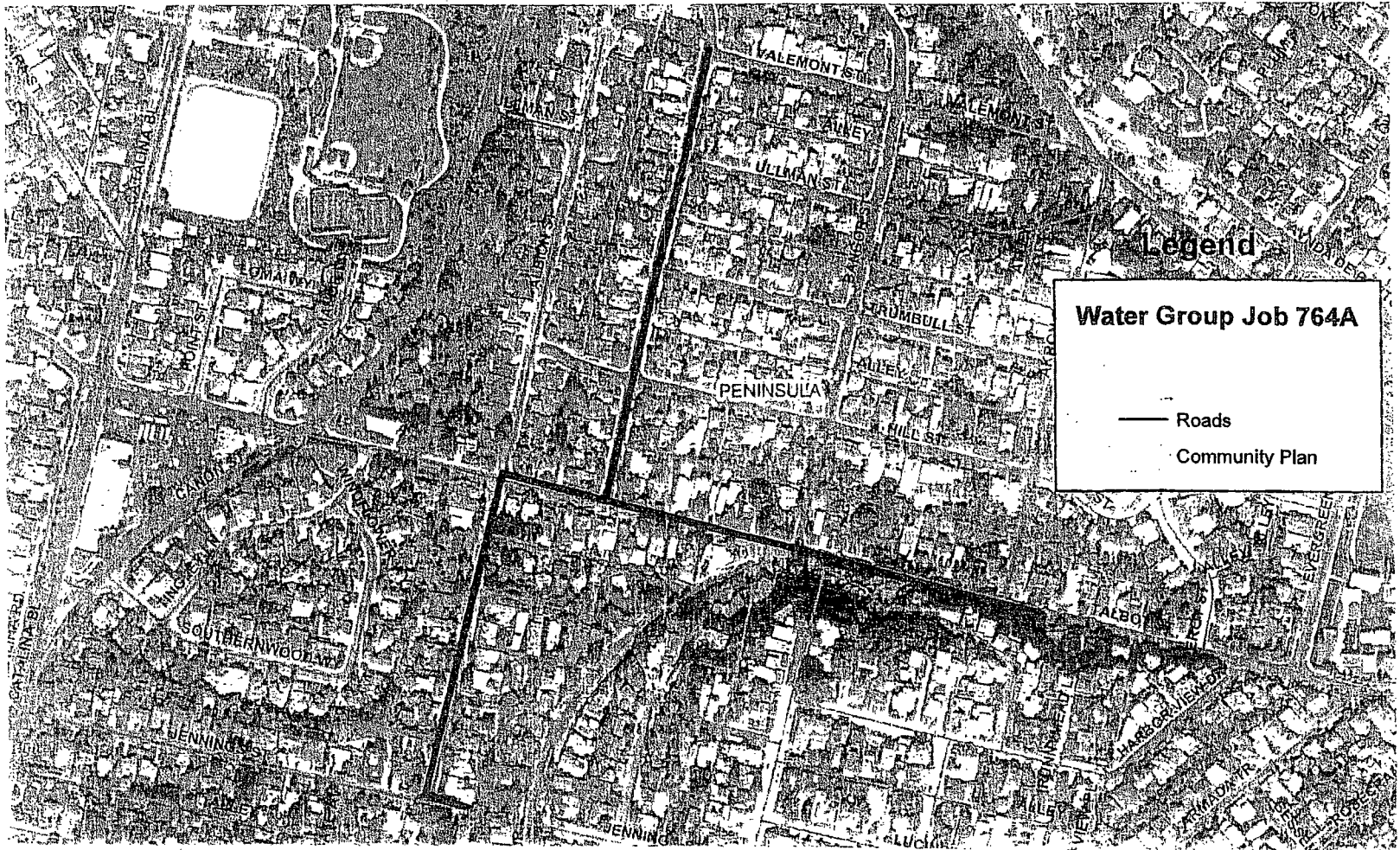
R- 305474

302711



Water Group 3013-821 / Project No. 176802  
City of San Diego – Development Services Department

FIGURE  
No. 4



**Water Group Job 764A**

— Roads  
 - - - Community Plan

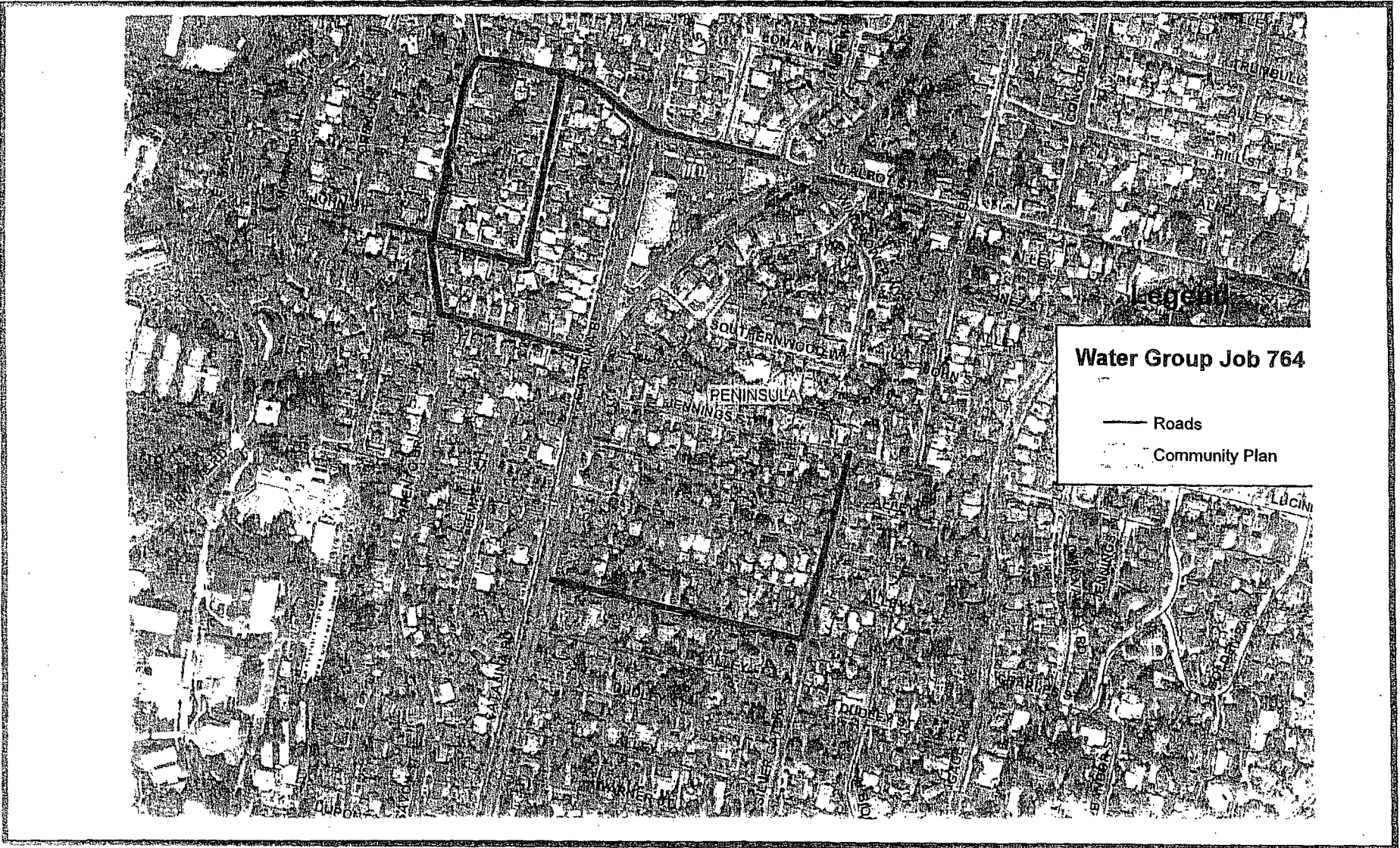
Water Group 3013-764A / Project No. 176802  
 City of San Diego – Development Services Department

**FIGURE**  
**No. 3**



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PTA208

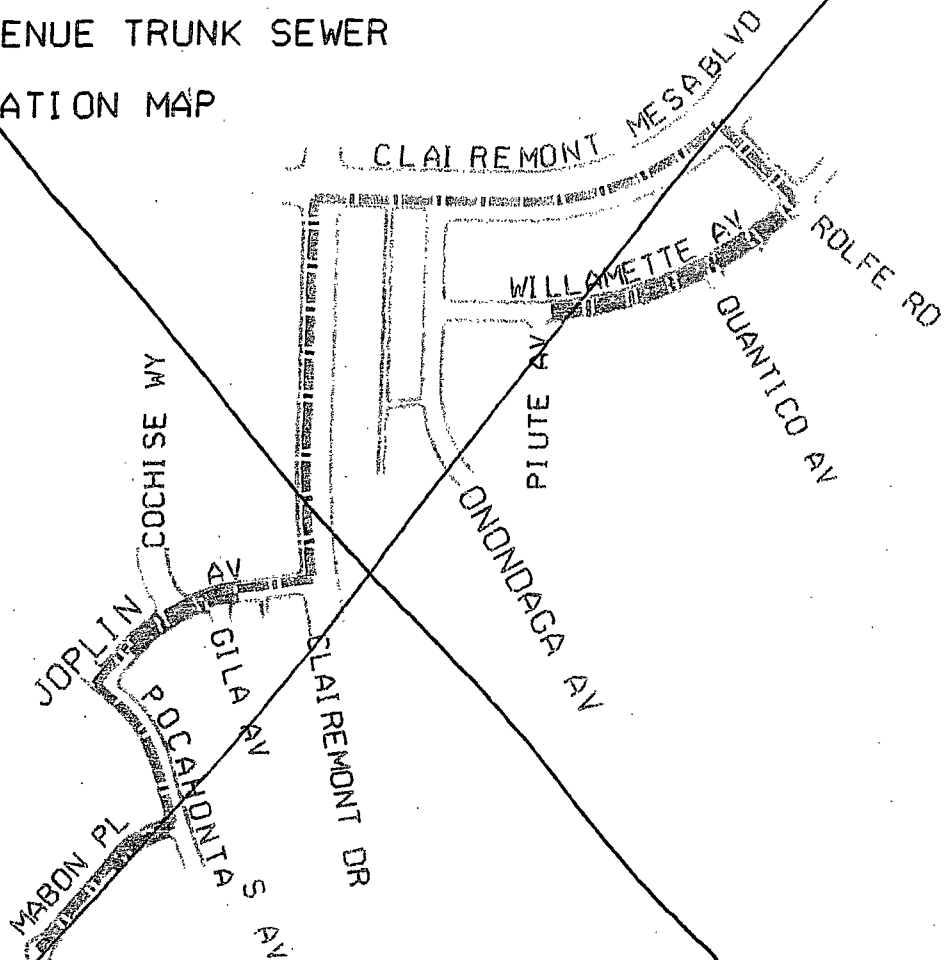


Water Group 3013-764 / Project No. 176802  
City of San Diego – Development Services Department



**FIGURE**  
**No. 2**



BALBOA AVENUE TRUNK SEWER  
LOCATION MAP



LEGEND:

-  PROPOSED SEWER
-  EXISTING TO BE ABANDONED

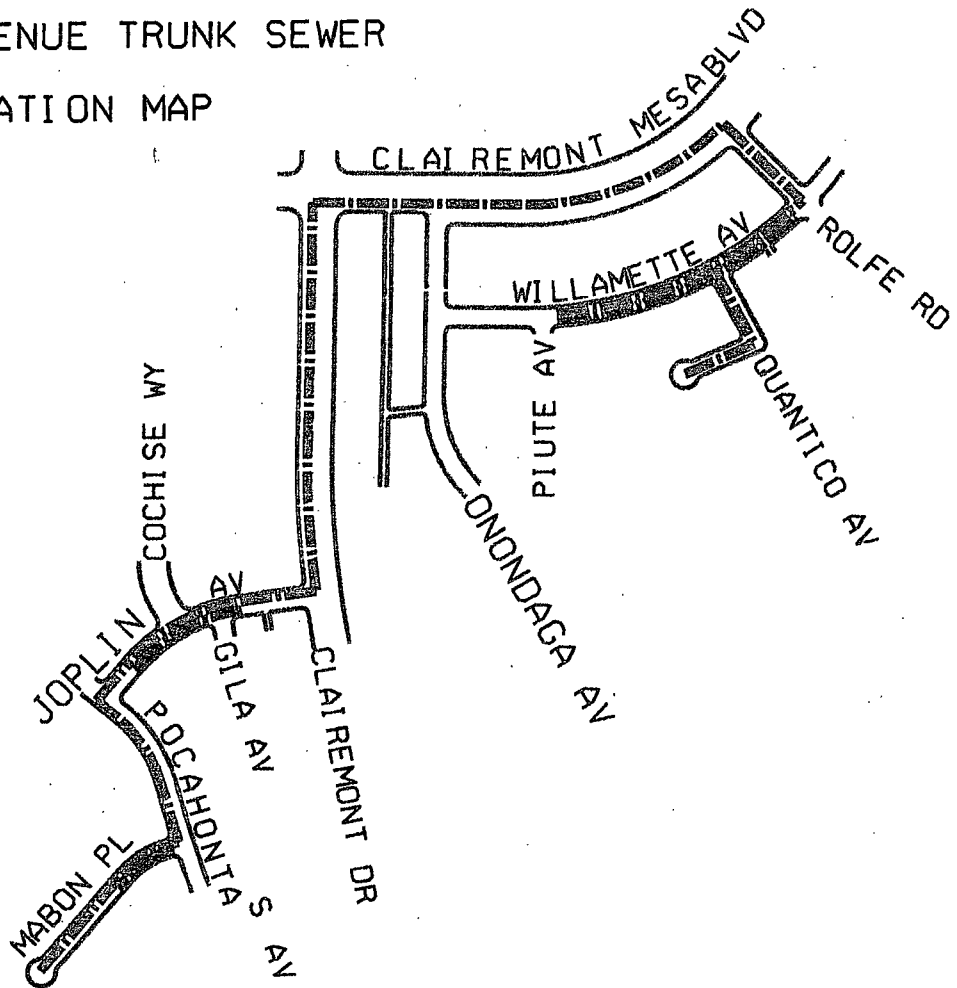


Balboa Avenue Trunk Sewer / Project No. 176092  
City of San Diego – Development Services Department

FIGURE  
No.1

R. 305474

BALBOA AVENUE TRUNK SEWER  
 LOCATION MAP



N  
 NO  
 SCALE

LEGEND:

- PROPOSED SEWER
- EXISTING TO BE ABANDONED



Balboa Avenue Trunk Sewer/ Project No. 176092  
 City of San Diego – Development Services Department

**FIGURE**  
**No. 1**

302208



San Diego County Archaeological Society, Inc.  
Environmental Review Committee

18 June 2009

SAN DIEGO COUNTY ARCHAEOLOGICAL SOCIETY, INC. (June 18, 2009)

Response To Comments

To: Mr. Jeffrey Szymanski  
Development Services Department  
City of San Diego  
1222 First Avenue, Mail Station 501  
San Diego, California 92101

Subject: Draft Addendum to a Mitigated Negative Declaration  
Balboa Avenue Trunk Sewer and Water Group 3013 (Water Groups 764,  
764A and 821)  
Project Nos. 176092 and 176802

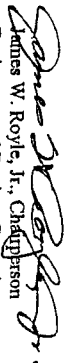
Dear Mr. Szymanski:

① I have reviewed the subject Draft Addendum on behalf of this committee of the San Diego County Archaeological Society.

Based on the information contained in the Draft Addendum, we agree with the impact analysis and mitigation measures as specified.

SDCAS appreciates being provided the opportunity to review and comment upon this project's environmental documents.

Sincerely,

  
James W. Royle, Jr., Chairperson  
Environmental Review Committee

cc: SDCAS President  
File

P.O. Box 81106 • San Diego, CA 92138-1106 • (659) 538-0935

305474 R

I. Comment noted.

Carmen Lucas (206)  
South Coastal Information Center (210)  
Save Our Heritage Organization (214)  
Ron Christman (215)  
Dr. Jerry Schaefer (208A)  
San Diego County Archaeological Society (218)  
San Diego Archaeological Center (212)  
Louie Guassac (215A)  
Kumeyaay Cultural Repatriation Committee (225)  
Native American Distribution (225A-R Public Notice only)  
Barona Group of Capitan Grande Band of Mission Indians  
Campo Band of Mission Indians  
Cuyapaipe Band of Mission Indians  
Inaja and Cosmit Band of Mission Indians  
Jamul Band of Mission Indians  
La Posta Band of Mission Indians  
Manzanita Band of Mission Indians  
Sycuan Band of Mission Indians  
Viejas Group of Capitan Grande Band of Mission Indians  
Mesa Grande Band of Mission Indians  
San Pasqual Band of Mission Indians  
Santa Ysabel Band of Diegueño Indians  
La Jolla Band of Mission Indians  
Pala Band of Mission Indians  
Pauma Band of Mission Indians  
Pechanga Band of Mission Indians  
Rincon Band of Luiseno Mission Indians  
Los Coyotes Band of Mission Indians

Attachments:

- Figure 1: Balboa Avenue Trunk Sewer
- Figure 2: Water Group 3013-764
- Figure 3: Water Group 3013-764A
- Figure 4: Water Group 3013-821
- Citywide Final MND Project # 63654

RESULTS OF PUBLIC REVIEW:

- No comments were received during the public input period.
- Comments were received but did not address the draft Mitigated Negative Declaration finding or the accuracy/completeness of the Initial Study. No response is necessary. The letters are attached.
- Comments addressing the findings of the draft Mitigated Negative Declaration and/or accuracy or completeness of the Initial Study were received during the public input period. The letters and responses follow.

Copies of the addendum, the final MND, the Mitigation Monitoring and Reporting Program, and any technical appendices may be reviewed in the office of the Entitlements Division of the Development Services Department, or purchased for the cost of reproduction.

DISTRIBUTION:

The addendum and the final MND were distributed to:  
City of San Diego

- Council Member Frye, District 6
- Council Member Faulconer, District 2
- Library Dept.-Gov. Documents MS 17 (81)
- City Attorney, (MS 59)
- Development Services Department
  - Vena Lewis (MS 301)
  - Patricia Grabski (MS 301)
- Engineering and Capital Projects Department/ Right of Way Design Division.
  - Jing Debeliso (MS 908A)
  - Luis Schaar (MS 908A)
  - Brian Vitelle (MS 908A)
  - Dwayne Abbey (MS 908A)
- Historic Resources Board (87)

Others

- Balboa Avenue Citizens Advisory Committee (246)
- Clairemont Mesa Planning Committee (248)
- Peninsula Community Planning Board (390)
- San Diego Transit Corporation (112)
- Metropolitan Transit Development Board (115)
- San Diego Gas & Electric (114)
- San Diego Natural History Museum (213)
- Clint Linton (215B)

Paleontological Recovery Program or Pipeline Trenching Discovery Process shall be included in the Draft Monitoring Report.

b. Recording Sites with the San Diego Natural History Museum

The PI shall be responsible for recording (on the appropriate forms) any significant or potentially significant fossil resources encountered during the Paleontological Monitoring Program in accordance with the City's Paleontological Guidelines, and submittal of such forms to the San Diego Natural History Museum with the Final Monitoring Report.

2. MMC shall return the Draft Monitoring Report to the PI via the RE for revision or, for preparation of the Final Report.
3. The PI shall submit revised Draft Monitoring Report to MMC via the RE for approval.
4. MMC shall provide written verification to the PI of the approved report.
5. MMC shall notify the RE or BI, as appropriate, of receipt of all Draft Monitoring Report submittals and approvals.

B. Handling of Fossil Remains

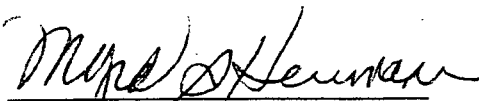
1. The PI shall be responsible for ensuring that all fossil remains collected are cleaned and catalogued.

C. Curation of artifacts: Deed of Gift and Acceptance Verification

1. The PI shall be responsible for ensuring that all fossil remains associated with the monitoring for this project are permanently curated with an appropriate institution.
2. The PI shall submit the Deed of Gift and catalogue record(s) to the RE or BI, as appropriate for donor signature with a copy submitted to MMC.
3. The RE or BI, as appropriate shall obtain signature on the Deed of Gift and shall return to PI with copy submitted to MMC.
4. The PI shall include the Acceptance Verification from the curation institution in the Final Monitoring Report submitted to the RE or BI and MMC.

D. Final Monitoring Report(s)

1. The PI shall submit two copies of the Final Monitoring Report to MMC (even if negative), within 90 days after notification from MMC of the approved report.
2. The RE shall, in no case, issue the Notice of Completion until receiving a copy of the approved Final Monitoring Report from MMC which includes the Acceptance Verification from the curation institution.

  
Myra Herrmann, Senior Planner

Development Services Department

Analyst: Jeffrey Szymanski

June 9, 2009  
Date of Draft Addendum

July 7, 2009  
Date of Final Addendum

August 24, 2009  
Date of Revised Final Addendum

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cleaning, then analyzed and curated consistent with Society of Invertebrate Paleontology Standards. The remainder of the deposit within the limits of excavation (trench walls) shall be left intact and so documented.

- b. The PI shall prepare a Draft Monitoring Report and submit to MMC via the RE as indicated in Section VI-A.
- c. The PI shall be responsible for recording (on the appropriate forms for the San Diego Natural History Museum) the resource(s) encountered during the Paleontological Monitoring Program in accordance with the City's Paleontological Guidelines. The forms shall be submitted to the San Diego Natural History Museum and included in the Final Monitoring Report.
- d. The Final Monitoring Report shall include a recommendation for monitoring of any future work in the vicinity of the resource.

#### **IV. Night and/or Weekend Work**

- A. If night and/or weekend work is included in the contract
  1. When night and/or weekend work is included in the contract package, the extent and timing shall be presented and discussed at the precon meeting.
  2. The following procedures shall be followed.
    - a. No Discoveries  
In the event that no discoveries were encountered during night and/or weekend work, The PI shall record the information on the CSVR and submit to MMC via the RE via fax by 8AM on the next business day.
    - b. Discoveries  
All discoveries shall be processed and documented using the existing procedures detailed in Sections III - During Construction.
    - c. Potentially Significant Discoveries  
If the PI determines that a potentially significant discovery has been made, the procedures detailed under Section III - During Construction shall be followed.
    - d. The PI shall immediately contact the RE and MMC, or by 8AM on the next business day to report and discuss the findings as indicated in Section III-B, unless other specific arrangements have been made.
- B. If night and/or weekend work becomes necessary during the course of construction
  1. The Construction Manager shall notify the RE, or BI, as appropriate, a minimum of 24 hours before the work is to begin.
  2. The RE, or BI, as appropriate, shall notify MMC immediately.
- C. All other procedures described above shall apply, as appropriate.

#### **V. Post Construction**

- A. Preparation and Submittal of Draft Monitoring Report
  1. The PI shall submit two copies of the Draft Monitoring Report (even if negative), prepared in accordance with the Paleontological Guidelines which describes the results, analysis, and conclusions of all phases of the Paleontological Monitoring Program (with appropriate graphics) to MMC via the RE for review and approval within 90 days following the completion of monitoring,
    - a. For significant paleontological resources encountered during monitoring, the

the RE or BI, as appropriate.

2. The Monitor shall immediately notify the PI (unless Monitor is the PI) of the discovery.
3. The PI shall immediately notify MMC by phone of the discovery, and shall also submit written documentation to MMC within 24 hours by fax or email with photos of the resource in context, if possible.

C. Determination of Significance

1. The PI shall evaluate the significance of the resource.
  - a. The PI shall immediately notify MMC by phone to discuss significance determination and shall also submit a letter to MMC indicating whether additional mitigation is required. The determination of significance for fossil discoveries shall be at the discretion of the PI.
  - b. If the resource is significant, the PI shall submit a Paleontological Recovery Program (PRP) and obtain written approval of the program from MMC, MC and/or RE. PRP and any mitigation must be approved by MMC, RE and/or CM before ground disturbing activities in the area of discovery will be allowed to resume.

(1). Note: For pipeline trenching projects only, the PI shall implement the Discovery Process for Pipeline Trenching projects identified below under "D."

- c. If resource is not significant (e.g., small pieces of broken common shell fragments or other scattered common fossils) the PI shall notify the RE, or BI as appropriate, that a non-significant discovery has been made. The Paleontologist shall continue to monitor the area without notification to MMC unless a significant resource is encountered.

- d. The PI shall submit a letter to MMC indicating that fossil resources will be collected, curated, and documented in the Final Monitoring Report. The letter shall also indicate that no further work is required.

(1). Note: For Pipeline Trenching Projects Only. If the fossil discovery is limited in size, both in length and depth; the information value is limited and there are no unique fossil features associated with the discovery area, then the discovery should be considered not significant.

(2). Note, for Pipeline Trenching Projects Only: If significance can not be determined, the Final Monitoring Report and Site Record shall identify the discovery as Potentially Significant.

D. Discovery Process for Significant Resources - Pipeline Trenching Projects

The following procedure constitutes adequate mitigation of a significant discovery encountered during pipeline trenching activities including but not limited to excavation for jacking pits, receiving pits, laterals, and manholes to reduce impacts to below a level of significance.

1. Procedures for documentation, curation and reporting
  - a. One hundred percent of the fossil resources within the trench alignment and width shall be documented in-situ photographically, drawn in plan view (trench and profiles of side walls), recovered from the trench and photographed after



- cost of curation associated with all phases of the paleontological monitoring program.
3. Identify Areas to be Monitored
    - a. Prior to the start of any work that requires monitoring, the PI shall submit a Paleontological Monitoring Exhibit (PME) based on the appropriate construction documents (reduced to 11x17) to MMC for approval identifying the areas to be monitored including the delineation of grading/excavation limits.
    - b. The PME shall be based on the results of a site specific records search as well as information regarding existing known soil conditions (native or formation).
    - c. MMC shall notify the PI that the PME has been approved.
  4. When Monitoring Will Occur
    - a. Prior to the start of any work, the PI shall also submit a construction schedule to MMC through the RE indicating when and where monitoring will occur.
    - b. The PI may submit a detailed letter to MMC prior to the start of work or during construction requesting a modification to the monitoring program. This request shall be based on relevant information such as review of final construction documents which indicate conditions such as depth of excavation and/or site graded to bedrock, presence or absence of fossil resources, etc., which may reduce or increase the potential for resources to be present.
  5. Approval of PME and Construction Schedule

After approval of the PME by MMC, the PI shall submit to MMC written authorization of the PME and Construction Schedule from the CM.

### III. During Construction

- A. Monitor Shall be Present During Grading/Excavation/Trenching
  1. The monitor shall be present full-time during grading/excavation/trenching activities including, but not limited to mainline, laterals, jacking and receiving pits, services and all other appurtenances associated with underground utilities as identified on the PME and as authorized by the CM that could result in impacts to formations with high and/or moderate resource sensitivity at depths of 10 feet or greater and as authorized by the construction manager.. **The Construction Manager is responsible for notifying the RE, PI, and MMC of changes to any construction activities.**
  2. The monitor shall document field activity via the Consultant Site Visit Record (CSV). The CSV's shall be faxed by the CM to the RE the first day of monitoring, the last day of monitoring, monthly (**Notification of Monitoring Completion**), and in the case of ANY discoveries. The RE shall forward copies to MMC.
  3. The PI may submit a detailed letter to the CM and/or RE for concurrence and forwarding to MMC during construction requesting a modification to the monitoring program when a field condition such as trenching activities that do not encounter formational soils as previously assumed, and/or when unique/unusual fossils are encountered, which may reduce or increase the potential for resources to be present.
- B. Discovery Notification Process
  1. In the event of a discovery, the Paleontological Monitor shall direct the contractor to temporarily divert trenching activities in the area of discovery and immediately notify

## **Paleontological Resources (for the Balboa Trunk Sewer project only)**

Since MND 63654 was certified the mitigation language for archaeological resources has been updated. The updated MMRP is included below:

### **I. Prior to Permit Issuance or Bid Opening/Bid Award**

#### **A. Entitlements Plan Check**

1. Prior to permit issuance or Bid Opening/Bid Award, whichever is applicable, the Assistant Deputy Director (ADD) Environmental designee shall verify that the requirements for Paleontological Monitoring have been noted on the appropriate construction documents.

#### **B. Letters of Qualification have been submitted to ADD**

1. Prior to Bid Award, the applicant shall submit a letter of verification to Mitigation Monitoring Coordination (MMC) identifying the Principal Investigator (PI) for the project and the names of all persons involved in the paleontological monitoring program, as defined in the City of San Diego Paleontology Guidelines.
2. MMC will provide a letter to the applicant confirming the qualifications of the PI and all persons involved in the paleontological monitoring of the project.
3. Prior to the start of work, the applicant shall obtain approval from MMC for any personnel changes associated with the monitoring program.

### **II. Prior to Start of Construction**

#### **A. Verification of Records Search**

1. The PI shall provide verification to MMC that a site specific records search has been completed. Verification includes, but is not limited to a copy of a confirmation letter from San Diego Natural History Museum, other institution or, if the search was in-house, a letter of verification from the PI stating that the search was completed.
2. The letter shall introduce any pertinent information concerning expectations and probabilities of discovery during trenching and/or grading activities.

#### **B. PI Shall Attend Precon Meetings**

1. Prior to beginning any work that requires monitoring, the Applicant shall arrange a Precon Meeting that shall include the PI, Construction Manager (CM) and/or Grading Contractor, Resident Engineer (RE), Building Inspector (BI), if appropriate, and MMC. The qualified paleontologist shall attend any grading/excavation related Precon Meetings to make comments and/or suggestions concerning the Paleontological Monitoring program with the Construction Manager and/or Grading Contractor.
  - a. If the PI is unable to attend the Precon Meeting, the Applicant shall schedule a focused Precon Meeting with MMC, the PI, RE, CM or BI, if appropriate, prior to the start of any work that requires monitoring.
2. Acknowledgement of Responsibility for Curation (CIP or Other Public Projects)  
The applicant shall submit a letter to MMC acknowledging their responsibility for the

The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms-DPR 523 A/B) any significant or potentially significant resources encountered during the Archaeological Monitoring Program in accordance with the City's Historical Resources Guidelines, and submittal of such forms to the South Coastal Information Center with the Final Monitoring Report.

2. MMC shall return the Draft Monitoring Report to the PI via the RE for revision or, for preparation of the Final Report.
  3. The PI shall submit revised Draft Monitoring Report to MMC via the RE for approval.
  4. MMC shall provide written verification to the PI of the approved report.
  5. MMC shall notify the RE or BI, as appropriate, of receipt of all Draft Monitoring Report submittals and approvals.
- B. Handling of Artifacts
1. The PI shall be responsible for ensuring that all cultural remains collected are cleaned and catalogued
  2. The PI shall be responsible for ensuring that all artifacts are analyzed to identify function and chronology as they relate to the history of the area; that faunal material is identified as to species; and that specialty studies are completed, as appropriate.
- C. Curation of artifacts: Accession Agreement and Acceptance Verification
1. The PI shall be responsible for ensuring that all artifacts associated with the survey, testing and/or data recovery for this project are permanently curated with an appropriate institution. This shall be completed in consultation with MMC and the Native American representative, as applicable.
  2. The PI shall submit the Accession Agreement and catalogue record(s) to the RE or BI, as appropriate for donor signature with a copy submitted to MMC.
  3. The RE or BI, as appropriate shall obtain signature on the Accession Agreement and shall return to PI with copy submitted to MMC.
  4. The PI shall include the Acceptance Verification from the curation institution in the Final Monitoring Report submitted to the RE or BI and MMC.
- D. Final Monitoring Report(s)
1. The PI shall submit one copy of the approved Final Monitoring Report to the RE or BI as appropriate, and one copy to MMC (even if negative), within 90 days after notification from MMC of the approved report.
  2. The RE shall, in no case, issue the Notice of Completion until receiving a copy of the approved Final Monitoring Report from MMC which includes the Acceptance Verification from the curation institution.

of the burial.

2. The Medical Examiner will determine the appropriate course of action with the PI and City staff (PRC 5097.98).
3. If the remains are of historic origin, they shall be appropriately removed and conveyed to the Museum of Man for analysis. The decision for internment of the human remains shall be made in consultation with MMC, EAS, the applicant department and/or Real Estate Assets Department (READ) and the Museum of Man.

**V. Night and/or Weekend Work**

- A. If night and/or weekend work is included in the contract
  1. When night and/or weekend work is included in the contract package, the extent and timing shall be presented and discussed at the precon meeting.
  2. The following procedures shall be followed.
    - a. No Discoveries  
In the event that no discoveries were encountered during night and/or weekend work, The PI shall record the information on the CSVR and submit to MMC via the RE by fax by 8am of the next business day.
    - b. Discoveries  
All discoveries shall be processed and documented using the existing procedures detailed in Sections III - During Construction, and IV – Discovery of Human Remains.
    - c. Potentially Significant Discoveries  
If the PI determines that a potentially significant discovery has been made, the procedures detailed under Section III - During Construction shall be followed.
    - d. The PI shall immediately contact the RE and MMC, or by 8AM of the next business day to report and discuss the findings as indicated in Section III-B, unless other specific arrangements have been made.
- B. If night and/or weekend work becomes necessary during the course of construction
  1. The Construction Manager shall notify the RE, or BI, as appropriate, a minimum of 24 hours before the work is to begin.
  2. The RE, or BI, as appropriate, shall notify MMC immediately.
- C. All other procedures described above shall apply, as appropriate.

**VI. Post Construction**

- A. Preparation and Submittal of Draft Monitoring Report
  1. The PI shall submit two copies of the Draft Monitoring Report (even if negative) prepared in accordance with the Historical Resources Guidelines which describes the results, analysis, and conclusions of all phases of the Archaeological Monitoring Program (with appropriate graphics) to MMC via the RE for review and approval within 90 days following the completion of monitoring,
    - a. For significant archaeological resources encountered during monitoring, the Archaeological Data Recovery Program or Pipeline Trenching Discovery Process shall be included in the Draft Monitoring Report.
    - b. Recording Sites with State of California Department of Parks and Recreation

person or via telephone.

B. Isolate discovery site

1. Work shall be directed away from the location of the discovery and any nearby area reasonably suspected to overlay adjacent human remains until a determination can be made by the Medical Examiner in consultation with the PI concerning the provenience of the remains.
2. The Medical Examiner, in consultation with the PI, will determine the need for a field examination to determine the provenience.
3. If a field examination is not warranted, the Medical Examiner will determine with input from the PI, if the remains are or are most likely to be of Native American origin.

C. If Human Remains **ARE** determined to be Native American

1. The Medical Examiner will notify the Native American Heritage Commission (NAHC) within 24 hours. By law, **ONLY** the Medical Examiner can make this call.
2. NAHC will immediately identify the person or persons determined to be the Most Likely Descendent (MLD) and provide contact information..
3. The MLD will contact the PI within 24 hours or sooner after the Medical Examiner has completed coordination, to begin the consultation process in accordance with the California Public Resource and Health & Safety Codes.
4. The MLD has 48 hours to make recommendations to the property owner or representative for the treatment or disposition, with proper dignity, of the human remains and associated grave goods.
5. Disposition of Native American Human Remains shall be determined between the MLD and the PI, IF:
  - a. The NAHC is unable to identify the MLD, OR the MLD failed to make a recommendation within 48 hours after being notified by the Commission; OR;
  - b. The landowner or authorized representative rejects the recommendation of the MLD and mediation in accordance with PRC 5097.94 (k) by the NAHC fails to provide measures acceptable to the landowner.
  - c. To protect these sites, the landowner shall do one or more of the following:
    - (1) Record the site with the NAHC;
    - (2) Record an open space or conservation easement; or
    - (3) Record a document with the County.
  - d. Upon the discovery of multiple Native American human remains during a ground disturbing land development activity, the landowner may agree that additional conferral with descendants is necessary to consider culturally appropriate treatment of multiple Native American human remains. Culturally appropriate treatment of such a discovery may be ascertained from review of the site utilizing cultural and archaeological standards. Where the parties are unable to agree on the appropriate treatment measures the human remains and buried with Native American human remains shall be reinterred with appropriate dignity, pursuant to Section 5.c., above.

D. If Human Remains are **NOT** Native American

1. The PI shall contact the Medical Examiner and notify them of the historic era context

Discovery Process for Pipeline Trenching projects identified below under "D."

- c. If resource is not significant, the PI shall submit a letter to MMC indicating that artifacts will be collected, curated, and documented in the Final Monitoring Report. The letter shall also indicate that that no further work is required.
  - (1). Note: For Pipeline Trenching Projects Only. If the deposit is limited in size, both in length and depth; the information value is limited and is not associated with any other resource; and there are no unique features/artifacts associated with the deposit, the discovery should be considered not significant.
  - (2). Note, for Pipeline Trenching Projects Only: If significance can not be determined, the Final Monitoring Report and Site Record (DPR Form 523A/B) shall identify the discovery as Potentially Significant.
- D. Discovery Process for Significant Resources - Pipeline Trenching Projects  
The following procedure constitutes adequate mitigation of a significant discovery encountered during pipeline trenching activities including but not limited to excavation for jacking pits, receiving pits, laterals, and manholes to reduce impacts to below a level of significance:
  1. Procedures for documentation, curation and reporting
    - a. One hundred percent of the artifacts within the trench alignment and width shall be documented in-situ, to include photographic records, plan view of the trench and profiles of side walls, recovered, photographed after cleaning and analyzed and curated. The remainder of the deposit within the limits of excavation (trench walls) shall be left intact.
    - b. The PI shall prepare a Draft Monitoring Report and submit to MMC via the RE as indicated in Section VI-A.
    - c. The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms-DPR 523 A/B) the resource(s) encountered during the Archaeological Monitoring Program in accordance with the City's Historical Resources Guidelines. The DPR forms shall be submitted to the South Coastal Information Center for either a Primary Record or SDI Number and included in the Final Monitoring Report.
    - d. The Final Monitoring Report shall include a recommendation for monitoring of any future work in the vicinity of the resource.

#### IV. Discovery of Human Remains

If human remains are discovered, work shall halt in that area and the following procedures as set forth in the California Public Resources Code (Sec. 5097.98) and State Health and Safety Code (Sec. 7050.5) shall be undertaken:

##### A. Notification

1. Archaeological Monitor shall notify the RE or BI as appropriate, MMC, and the PI, if the Monitor is not qualified as a PI. MMC will notify the appropriate Senior Planner in the Environmental Analysis Section (EAS).
2. The PI shall notify the Medical Examiner after consultation with the RE, either in

increase the potential for resources to be present.

5. Approval of AME and Construction Schedule

After approval of the AME by MMC, the PI shall submit to MMC written authorization of the AME and Construction Schedule from the CM.

**III. During Construction**

**A. Monitor Shall be Present During Grading/Excavation/Trenching**

1. The Archaeological and Native American monitor shall be present full-time during grading/excavation/trenching activities including, but not limited to mainline, laterals, jacking and receiving pits, services and all other appurtenances associated with underground utilities as identified on the AME and as authorized by the CM. **The Construction Manager is responsible for notifying the RE, PI, and MMC of changes to any construction activities.**
2. The monitor shall document field activity via the Consultant Site Visit Record (CSV). The CSV's shall be faxed by the CM to the RE the first day of monitoring, the last day of monitoring, monthly (**Notification of Monitoring Completion**), and in the case of ANY discoveries. The RE shall forward copies to MMC.
3. The PI may submit a detailed letter to the CM and/or RE for concurrence and forwarding to MMC during construction requesting a modification to the monitoring program when a field condition such as modern disturbance post-dating the previous trenching activities, presence of fossil formations, or when native soils are encountered may reduce or increase the potential for resources to be present.

**B. Discovery Notification Process**

1. In the event of a discovery, the Archaeological Monitor shall direct the contractor to temporarily divert trenching activities in the area of discovery and immediately notify the RE or BI, as appropriate.
2. The Monitor shall immediately notify the PI (unless Monitor is the PI) of the discovery.
3. The PI shall immediately notify MMC by phone of the discovery, and shall also submit written documentation to MMC within 24 hours by fax or email with photos of the resource in context, if possible.

**C. Determination of Significance**

1. The PI and Native American monitor shall evaluate the significance of the resource. If Human Remains are involved, follow protocol in Section IV below.
  - a. The PI shall immediately notify MMC by phone to discuss significance determination and shall also submit a letter to MMC indicating whether additional mitigation is required.
  - b. If the resource is significant, the PI shall submit an Archaeological Data Recovery Program (ADRP) and obtain written approval of the program from MMC, CM and RE. ADRP and any mitigation must be approved by MMC, RE and/or CM before ground disturbing activities in the area of discovery will be allowed to resume.

(1). Note: For pipeline trenching projects only, the PI shall implement the

personnel changes associated with the monitoring program.

## II. Prior to Start of Construction

### A. Verification of Records Search

1. The PI shall provide verification to MMC that a site specific records search (1/4 mile radius) has been completed. Verification includes, but is not limited to a copy of a confirmation letter from South Coast Information Center, or, if the search was in-house, a letter of verification from the PI stating that the search was completed.
2. The letter shall introduce any pertinent information concerning expectations and probabilities of discovery during trenching and/or grading activities.
3. The PI may submit a detailed letter to MMC requesting a reduction to the 1/4 mile radius.

### B. PI Shall Attend Precon Meetings

1. Prior to beginning any work that requires monitoring; the Applicant shall arrange a Precon Meeting that shall include the PI, Construction Manager (CM) and/or Grading Contractor, Resident Engineer (RE), Building Inspector (BI), if appropriate, and MMC. The qualified Archaeologist and Native American monitor shall attend any grading/excavation related Precon Meetings to make comments and/or suggestions concerning the Archaeological Monitoring program with the Construction Manager and/or Grading Contractor.
  - a. If the PI is unable to attend the Precon Meeting, the Applicant shall schedule a focused Precon Meeting with MMC, the PI, RE, CM or BI, if appropriate, prior to the start of any work that requires monitoring.
2. Acknowledgement of Responsibility for Curation (CIP or Other Public Projects). The applicant shall submit a letter to MMC acknowledging their responsibility for the cost of curation associated with all phases of the archaeological monitoring program.
3. Identify Areas to be Monitored
  - a. Prior to the start of any work that requires monitoring, the PI shall submit an Archaeological Monitoring Exhibit (AME) based on the appropriate construction documents (reduced to 11x17) to MMC for approval identifying the areas to be monitored including the delineation of grading/excavation limits.
  - b. The AME shall be based on the results of a site specific records search as well as information regarding the age of existing pipelines, laterals and associated appurtenances and/or any known soil conditions (native or formation).
  - c. MMC shall notify the PI that the AME has been approved.
4. When Monitoring Will Occur
  - a. Prior to the start of any work, the PI shall also submit a construction schedule to MMC through the RE indicating when and where monitoring will occur.
  - b. The PI may submit a detailed letter to MMC prior to the start of work or during construction requesting a modification to the monitoring program. This request shall be based on relevant information such as review of final construction documents which indicate conditions such as age of existing pipe to be replaced, depth of excavation and/or site graded to bedrock, etc., which may reduce or



- b. No substantial changes have occurred with respect to the circumstances under which the project is undertaken; and
- c. There is no new information of substantial importance to the project.

Therefore, in accordance with Section 15164 of the State CEQA Guidelines this addendum has been prepared.

V. MITIGATION, MONITORING AND REPORTING PROGRAM INCORPORATED INTO THE PROJECT

General

1. The Assistant Deputy Director (ADD) of the City's Land Development Review Division (LDR) shall verify that the following statement is shown on the grading and/or construction plans as a note under the heading Environmental Requirements: Both Water Job 3013 (Group Jobs 703A, 806, & 807) and Balboa Trunk Sewer projects are subject to a Mitigation, Monitoring and Reporting Program (MMRP) and shall conform to the mitigation conditions as contained in the AMND (Project Nos. 176092 and 176802).

2. The owner/permittee shall make arrangements to schedule a pre-construction meeting to ensure implementation of the MMRP. The meeting shall include the Resident Engineer, the Qualified Archaeologist (**For the Water Group 3013 project only**), Native American Monitor (**For the Water Group 3013 project only**), Paleontological Monitor (**for the Balboa Trunk Sewer project only**) and the City's Mitigation Monitoring Coordination (MMC) Section.

Historic Resources (Archaeology) (For the Water Group 3013 project only)

Since MND 63654 was certified the mitigation language for archaeological resources has been updated. The updated MMRP is included below:

**I. Prior to Permit Issuance or Bid Opening/Bid Award**

**A. Land Development Review (LDR) Plan Check**

- 1. Prior to permit issuance or Bid Opening/Bid Award, whichever is applicable, the Assistant Deputy Director (ADD) Environmental designee shall verify that the requirements for Archaeological Monitoring and Native American monitoring have been noted on the appropriate construction documents.

**B. Letters of Qualification have been submitted to ADD**

- 1. Prior to Bid Award, the applicant shall submit a letter of verification to Mitigation Monitoring Coordination (MMC) identifying the Principal Investigator (PI) for the project and the names of all persons involved in the archaeological monitoring program, as defined in the City of San Diego Historical Resources Guidelines (HRG). If applicable, individuals involved in the archaeological monitoring program must have completed the 40-hour HAZWOPER training with certification documentation.
- 2. MMC will provide a letter to the applicant confirming the qualifications of the PI and all persons involved in the archaeological monitoring of the project.
- 3. Prior to the start of work, the applicant must obtain approval from MMC for any

30203A

### III. PROJECT BACKGROUND

A Citywide Pipelines Projects Mitigated Negative Declaration (MND) was prepared by the City of San Diego's Environmental Analysis Section (EAS) and was certified by City Council on May 30<sup>th</sup> 2006 (resolution number 301496). The Citywide Pipelines Projects MND provides for the inclusion of subsequent pipeline projects that are located within the ROW and would not result in any impacts to sensitive biological resources.

#### Historical Resources (Archaeology)

The Citywide Pipelines Projects MND concluded that pipeline projects located within the public right of way could result in significant environmental impacts relating to historic and paleontological resources. Since previously recorded archaeological sites have been identified within a one-mile radius of the proposed Water Group Job 3013 project, there is a potential that buried archaeological resources could be impacted during excavation of the trenches. Therefore, trenching activities associated with Water Group Job 3013 could result in significant impacts to archaeological resources. The Balboa Avenue Trunk Sewer project is not located within an area know to contain historic resources and historic mitigation would not be required.

To reduce potential impacts to below a level of significance, a preconstruction record search would be required and utilized to determine areas of high to moderate resource potential. The predetermined areas would be monitored by a qualified archaeologist and Native American monitor. Any cultural resources encountered during monitoring would be analyzed for significance and curated at an appropriate institution. If encountered resources are determined to be significant, a Research Design and Data Recovery Program would be prepared and implemented. These requirements are outlined in Section V., Mitigation Monitoring and Reporting Program, of the Master Mitigated Negative Declaration. Therefore, mitigation measures were implemented to reduce these impacts to below a level of significance. The current project does not result in new impacts which would require mitigation; therefore an Addendum to the MND was prepared.

#### Paleontological Resources

The geologic Lindavista formation underlies both the Balboa Trunk Sewer and Water Group 3013 project. The Mission Valley formation also underlies the Water Group 3013 project as well. With respect to paleontological fossil resource potential, the Lindavista formation is assigned a moderate sensitivity and Mission Valley Formation is assigned a high sensitivity. Based on the sensitivity of the affected formations and the proposed excavation depths, the Balboa Trunk Sewer project could result in significant impacts to paleontological resources. To reduce this impact to below a level of significance, excavation within previously undisturbed formations at a depth of 10 or more feet would be monitored by a qualified paleontologist or paleontological monitor. Any significant paleontological resources encountered would be recovered and curated. Since the depth of the trenches for the Water Group 3013 project would not extend deeper than 10 feet impacts to paleontological resources would not occur and mitigation would not be required for this project.

### IV. DETERMINATION:

The City of San Diego previously prepared a Master Mitigated Negative Declaration for the project described in the subject block of the attached MND.

Based upon a review of the current project, it has been determined that:

- a. There are no new significant environmental impacts not considered in the previous MND;

## I. DESCRIPTION OF CURRENT ACTION:

City Council approval would allow for the Balboa Avenue Trunk Sewer project to install and upgrade ~~6,168~~ ~~5,702~~ LF of 8-inch, 10-inch, 12-inch, and 18-inch diameter sewer mains in order to convey peak wet weather flow. 4,974 LF of the sewer main would be located in new trenches and ~~1,194~~ ~~728~~ LF would be installed in existing trench lines and would replace existing sewer pipes. Related work would include construction of diversion manhole structures, sewer lateral reconnection, installation of curb ramps, street slurry seal application, traffic control and best management practices.

Water Group 3013, is comprised of three separate water groups 764, 764A, and 821 and would install ~~14,170~~ ~~14,311~~ LF of water main pipe. The project would replace 6 and 8 inch water pipes with 8 and 12 inch pipes. All of the installation for the 764A and 821 projects would occur in existing trenches and would replace the existing water mains with new pipe. The pipe installation for the 764 project would include 1,601 LF of new 8-inch main which would be located in entirely new trenches. Also included in the scope of work is the construction of curb ramps, the replacement of laterals and/or services, and street resurfacing.

The open trench method of construction would be employed to install the water and sewer pipeline mains, laterals, water services (Water Group 3013), and appurtenances. Trench depths for the Balboa Avenue Trunk sewer project would vary from 13 to 20 feet and the trench depths for the Water Group 3013 project would vary from 5 to 7 feet depending on the topography of the area. The widths of the trenches would be approximately 3 to 5 feet wide. Other components of the projects would include abandonment and potholing. Abandonment would involve the injection of concrete slurry into the existing pipe and would not disturb the surface or subsurface. Potholing is employed to verify the reconnection of service to mains or to verify utility crossings.

All work would occur within the public right-of-way (ROW) in developed streets and alleys. Activated work hours would occur during the daytime, Monday through Friday. The project would comply with the requirements described in the *Standard Specifications for Public Works Construction*, and California Department of Transportation *Manual of Traffic Controls for construction and Maintenance Work Zones*. A traffic control plan would be prepared and implemented in accordance with the *City of San Diego Standard Drawings Manual of Traffic Control for Construction and Maintenance Work Zones*.

## II. ENVIRONMENTAL SETTING:

The proposed Balboa Avenue Trunk Sewer project would affect portions of the following streets: Willamette Avenue, Quantico Avenue, Rolfe Road, Clairemont Mesa Boulevard, Clairemont Drive, Joplin Avenue, Pocahontas Avenue, and Mabon Place. The project is located within the Clairemont Mesa Community Planning Area. (Figure 1).

The Water Group 3013 project would affect portions of the following streets: Silvergate Avenue, Rosecroft Lane, Albion Street, Charles Street, Tarento Drive, Temple Street, Talbot Street, and Concord Street. The project is located within the Peninsula Community Planning Area (Figures 2, 3 and 4)

The work would occur within the ROW in developed streets and alleys except for the connections of laterals on private property. The site is not located within or adjacent to the City's Multiple Species Conservation Program (MSCP), Multi-Habitat Planning Area (MHPA).



**REVISED  
ADDENDUM TO A MITIGATED NEGATIVE  
DECLARATION**

Project Nos. 176092 and 176802  
Addendum to MND Project No.63654

**SUBJECT:** Balboa Avenue Trunk Sewer and Water Group 3013 (Water Groups 764, 764 A and 821)  
CITY COUNCIL APPROVAL to allow for the replacement and installation of new sewer and water mains in the public right of way. The Balboa Avenue Trunk Sewer project would install and upgrade of 6,168 ~~5,702~~ lineal feet (LF) of sewer mains and Water Group 3013 would install and upgrade 14,170 LF of water mains. Also, included in the projects' scope of work would be the construction of curb ramps, replacement of laterals and/or services, and street resurfacing. The projects are located within the Clairemont Mesa, and Peninsula Community Planning Areas. Applicant: City of San Diego, Engineering and Capital Projects Department, Right of Way Design Division.

**UPDATE:** 8/24/09 Minor revisions have been made to the Final Addendum Mitigated Negative Declaration. The second revision includes an additional 466 LF of pipe replacement in an existing trench. The corrected total appears in an underlined ~~strikeout~~ format. In accordance with the California Environmental Quality Act, Section 15073.5 (c)(4), the addition of new information that clarifies, amplifies, or makes insignificant modification does not require recirculation as there are no new impacts and no new mitigation identified. An environmental document need only be recirculated when there is identification of new significant environmental impact or the addition of a new mitigation measure required to avoid a significant environmental impact. The addition of updated mitigation language within the environmental document does not affect the environmental analysis or conclusions of the MND.

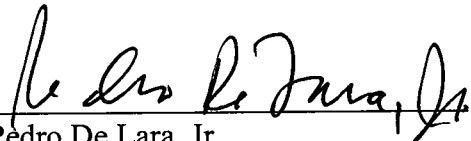
**UPDATE:** Minor revisions have been made to the draft Addendum Mitigated Negative Declaration. The revision corrects the linear footage total of the Water Group 3013 project. The corrected total appears in an underlined ~~strikeout~~ format. In accordance with the California Environmental Quality Act, Section 15073.5 (c)(4), the addition of new information that clarifies, amplifies, or makes insignificant modification does not require recirculation as there are no new impacts and no new mitigation identified. An environmental document need only be recirculated when there is identification of new significant environmental impact or the addition of a new mitigation measure required to avoid a significant environmental impact. The addition of updated mitigation language within the environmental document does not affect the environmental analysis or conclusions of the MND.

R-305474

or alterations to implement the changes to the Project as required by this body in order to mitigate or avoid significant effects on the environment, a copy of which is attached hereto and incorporated herein by this reference.

BE IT FURTHER RESOLVED, that the City Clerk is directed to file a Notice of Determination [NOD] with the Clerk of the Board of Supervisors for the County of San Diego regarding the Project.


APPROVED: JAN I. GOLDSMITH, City Attorney

By   
Pedro De Lara, Jr.  
Deputy City Attorney

PDJ:amt  
11/18/2009  
Or.Dept:E&CP  
R-2010-327

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at this meeting of DEC 8 2009.

ELIZABETH S. MALAND  
City Clerk

By   
Deputy City Clerk

Approved: 12.17.09  
(date)

  
JERRY SANDERS, Mayor

Vetoed: \_\_\_\_\_  
(date)

\_\_\_\_\_  
JERRY SANDERS, Mayor