



Metropolitan
Transportation
Authority

One Gateway Plaza
Los Angeles, CA
90012-2952

March 11, 2003

TO: BOARD OF DIRECTORS

THROUGH: ROGER SNOBLE
CHIEF EXECUTIVE OFFICER

FROM: DENNIS S. MORI *Dennis S. Mori*
INTERIM EXECUTIVE OFFICER
CONSTRUCTION PROJECT MANAGEMENT

SUBJECT: PROPOSED DEPARTMENT OF WATER AND
POWER RECYCLED WATER PIPELINE

ISSUE

Preliminary Board Informational Report relating to the City of Los Angeles Department of Water and Power (DWP) proposal for inclusion of a recycled water pipeline within the MTA right of way as part of the San Fernando Valley Metro Rapid Transitway (SFV MRT) project.

RATIONALE

The Water Recycling Group of the DWP is developing the West Valley Water Recycling project, to replace potable water supplies in the West San Fernando Valley currently used for irrigation of parks and landscaped areas. DWP staff has approached the MTA's SFV MRT project staff with a request to include a recycled water pipeline within the SFV MRT project (Attachment No. 1). The West Valley Water Recycling project proposes the construction of approximately 34,600 feet of 24-inch diameter pipeline along the Transitway from the Donald C. Tillman Water Reclamation Plant, located southwest of the proposed Transitway and the I-405 crossing, to Pierce College. A second pipeline (approximately 35,000 feet of a combination of 12-inch and 8-inch diameter pipeline) is also proposed to be constructed within the Transitway to deliver recycled water from the Donald C. Tillman Water Reclamation Plant to the North Hollywood area. The Project is located in the City of Los Angeles Council Districts 2, 3, 4, 5, 6 and 12, Los Angeles County Board of Supervisors District 3, California State Assembly Legislative Districts 40, 41, 42 and 43, California State Senate Legislative Districts 20, 21 and 23, and United States House of Representatives Legislative Districts 24, 26 and 30.

DWP staff has requested and agreed to pay for the installation of a waterline sleeve and conduit across the Los Angeles River bridge for potential future use as a change to the bridge construction Contract No. C0676 (Attachment No. 2). The DWP recycled water pipeline (other than sleeve and conduit work at the Los Angeles River bridge) will only be allowed to be constructed if such work can be guaranteed not to cause undue impacts to the MTA's design, construction, operation and maintenance of the SFV MRT project, and the MTA Board of Directors approves such work. MTA project staff has provided DWP staff with a draft process to be used for feasibility review and approval of the recycled water pipeline within the MTA right of way (Attachment No. 3). The West Valley Water Recycling project is one of several recycled water projects discussed by DWP staff at public outreach meetings to inform the public about the City of Los Angeles' Integrated Resources Plan (Attachment No. 4). DWP is in the process of obtaining environmental clearance for the West Valley Water Recycling project and MTA Environmental staff will review their efforts.

NEXT STEPS

DWP will submit conceptual alignment and design criteria for the recycled water pipeline within the MTA right of way. MTA staff will work with DWP staff to develop a preliminary design, including alignment and mitigation measures required to resolve any identified impacts and an agreement on roles and responsibilities relating to costs, schedule, scope of work, design, construction, operation, maintenance and real estate. If MTA staff is satisfied that there will not be undue impacts to the SFV MRT project, DWP has reached a satisfactory agreement with MTA staff (including reimbursement of all MTA costs) and DWP has completed the environmental clearance, then MTA staff will request the MTA Board of Directors to approve this project and establish appropriate budgets and authority for contract modifications. . If the MTA Board of Directors approves this project within the MTA right of way, MTA staff will work with DWP staff to develop a change package for design and construction of the water pipeline as part of the C0675 Design/Build contract and implement its completion in accordance with an executed agreement with DWP.

ATTACHMENTS

1. Letter dated February 6, 2003 to Roger F. Dames from Thomas M. Erb, Director of Water Resources, Los Angeles Department of Water and Power
2. Letter dated February 6, 2003 to Roger F. Dames from Thomas M. Erb, Director of Water Resources, Los Angeles Department of Water and Power
3. Draft Process for Feasibility Review and Approval of Design, Construction & Operation of Proposed DWP Recycled Water Line within MTA Right-of-Way (ROW) Between Lankershim Blvd. and Variel Avenue
4. Copy of Notification Letter dated January 31, 2003 from the City of Los Angeles, Advisory Group meetings – Series No. 1

Cc: Council member Wendy Greuel, Los Angeles City Council, District 2
Council member Dennis Zine, Los Angeles City Council, District 3
Council member Tom LaBonge, Los Angeles City Council, District 4
Council member Jack Weiss, Los Angeles City Council, District 5
Council member Ruth Galanter, Los Angeles City Council, District 6
Council member Hal Bernson, Los Angeles City Council, District 12
Supervisor Zev Yaroslavsky, Los Angeles County Board of Supervisors, District 3
Assembly member Lloyd Levine, California State Assembly, District 40
Assembly member Fran Pavley, California State Assembly, District 41
Assembly member Paul Koretz, California State Assembly, District 42
Assembly member Dario Frommer, California State Assembly, District 43
Senator Richard Alarcon, California State Senate, District 20
Senator Jack Scott, California State Senate, District 21
Senator Shiela Kuehl, California State Senate, District 23
Representative Brad Sherman, United States House of Representatives, District 24
Representative Howard Berman, United States House of Representatives, District 26
Representative Henry Waxman, United States House of Representatives, District 30

FEB 13 2003

Department of Water and Power



the City of Los Angeles

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Mayor

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DAVID H. WIGGS, *General Manager*
FRANK SALAS, *Chief Operating Officer*

February 6, 2003

ATTACHMENT 1

Mr. Roger F. Dames
Deputy Executive Officer – Project Manager
Construction Project Management Division
Metropolitan Transportation Authority
One Gateway Plaza
Los Angeles, CA 90012-2952

Dear Mr. Dames:

Subject: San Fernando Busway and the West Valley Water Recycling Project

For a number of years, the Los Angeles Department of Water and Power (LADWP) has been planning to expand its recycled water distribution system from the Donald C. Tillman Water Reclamation Plant (Tilleman Plant). The development of the Metropolitan Transportation Authority's (MTA) San Fernando Busway Project presents an opportunity to construct both projects simultaneously, thus reducing the potential impacts to the surrounding community.

LADWP's West Valley Water Recycling Project has been planned to deliver recycled water for irrigation and industrial uses in the Western San Fernando Valley. I have directed Mr. Stephen Ott to accelerate and expand the development of this project to hopefully allow for the project to be constructed as part of MTA's project.

As presently conceived, the expanded West Valley Water Recycling Project will consist of approximately 34,600 feet of 24-inch diameter pipeline heading west along MTA right-of-way from the Tillman Plant to the western limit of the busway project. In addition, approximately 35,000 feet of a combination 12-inch and 8-inch diameter pipeline will head east from the Tillman Plant to the MTA's North Hollywood station.

LADWP estimates this pipeline will add up to approximately \$12 million to the cost of MTA's busway project. We are currently revising our capital improvement budget to include the design and construction of this project over the next two fiscal years. LADWP will reimburse MTA for all planning design and construction costs for this project, as approved by LADWP, under the Master Cooperative Agreement.

LADWP is currently proceeding with the environmental analysis of this project and expects to complete this process and request Board of Water and Power Commissioner approval in May 2003.

For additional information, please contact Mr. Ott at (213) 367-4187.

Sincerely,

Thomas M. Erb
Director of Water Resources

c: Mr. Mark Van Gessel - MTA
Mr. Hitesh Patel - MTA
Mr. Robert J. Babbitt - MTA

Water and Power Conservation ... a way of life

111 North Hope Street, Los Angeles, California ☐ Mailing address: Box 51111, Los Angeles 90051-0100
Telephone: (213) 367-4211 Cable address: DEWAPOLA FAX: (213) 367-3287

FEB 13 2003

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IN AMC

Department of Water and Power



the City of Los Angeles

JAMES K. HAHN
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DAVID H. WIGGS, *General Manager*
FRANK SALAS, *Chief Administrative Officer*

ATTACHMENT 2

February 6, 2003

Mr. Roger F. Dames
Deputy Executive Officer – Project Manager
Construction Project Management Division
Metropolitan Transportation Authority
One Gateway Plaza
Los Angeles, CA 90012-2952

Dear Mr. Dames:

Subject: Provisions for Future Recycled Water Projects in the Los Angeles River Bridge

On behalf of the Los Angeles Department of Water and Power (LADWP), I would like to request that the Metropolitan Transportation Authority (MTA) proceed with the necessary design changes to allow for the inclusion of pipe sleeves and conduit in the new Los Angeles River Bridge. Including these features in the new bridge will keep the option open for LADWP to route a future pipeline through the bridge to expand our recycled water delivery system.

Please continue to coordinate the details of this project with Mr. Stephen Ott and Mr. David Rice of LADWP. The requested changes would include a 20-inch diameter welded steel pipe, hung from the bridge terminating approximately 10 feet past the end of the approach slabs on either end of the bridge along with all necessary appurtenant facilities, such as casings and supports. We would appreciate the opportunity to review the contractor's submittal and cost estimate prior to issuing a Notice to Proceed for this work.

LADWP will reimburse MTA for all this project's costs through the Master Cooperative Agreement.

Once again, I greatly appreciate your willingness to include this work into your project and look forward to our continuing cooperation.

Sincerely,

Thomas M. Erb
Director of Water Resources

c: Mr. Mark Van Gessel - MTA
Mr. Hitesh Patel - MTA
Mr. Robert J. Babbitt - MTA

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111 North Hope Street, Los Angeles, California Mailing address: Box 51111, Los Angeles 90051-0100
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ATTACHMENT 3

SAN FERNANDO VALLEY METRO RAPID TRANSITWAY (SFV MRT) PROJECT

DRAFT PROCESS FOR FEASIBILITY REVIEW AND APPROVAL OF DESIGN, CONSTRUCTION & OPERATION OF PROPOSED DWP RECYCLED WATER LINE PROJECT WITHIN MTA RIGHT OF WAY (ROW) BETWEEN LANKERSHIM BLVD. AND VARIEL AVENUE

CURRENT STATUS:

DWP has provided letters to MTA requesting development of a design change and inclusion of pipe sleeves and conduits in the construction Contract No. CO676 (Los Angeles River bridge), for potential future use as part of the DWP recycled water delivery system. DWP has agreed to reimburse MTA for all design and construction costs and STV (MTA's design consultant) is in the process of developing the design change package, which will be issued to the Contract No. CO676 contractor upon approval by DWP/MTA. DWP has also provided a letter stating their desire to construct Recycled Waterline project within MTA ROW between Lankershim Blvd and Variel Avenue as part of the SFV MRT project (Contract No. CO675). DWP has agreed to reimburse MTA for all planning, design and construction costs for this project, and MTA Project Control has established a charge number for use in charging time and segregating costs.

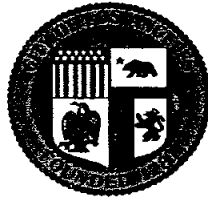
NEXT STEPS:

1. **DWP** to approve costs and schedule to allow MTA to authorize the Contract No. CO676 contractor to complete the pipe sleeves and conduits across the Los Angeles River bridge.
2. **MTA staff to notify the MTA Board (board box) at March 27th meeting** DWP's request for a new waterline within the MTA ROW and how DWP/MTA will coordinate and develop a scope/cost/schedule proposal. Note that actual approval of the project will be by the MTA Board as described in item no. 12 below (once MTA/DWP has reached agreement on such issues as scope of work, impacts, mitigation measures, environmental clearance, costs, schedule, etc).
3. **DWP** to approve reimbursable scope of work, level of effort and Rough Order of Magnitude (ROM) costs anticipated to be incurred by MTA staff and MTA's contractors related to the DWP waterline project.
4. **MTA Third Party to prepare appropriate agreement**, which will include method/timing of payment, and roles/responsibilities/liability relating to costs, design, construction, operation, maintenance, etc.
5. **DWP to present their preferred/conceptual alignment and a work plan for processing environmental clearance** to key staff from various MTA departments (Engineering, Construction, Environmental, Planning, Third Party, Operations, Maintenance, and Real Estate) and appropriate City of Los Angeles departments (LADOT, LABOE, LABSS, etc).
6. **DWP to work with MTA** project staff and reach an agreement on conceptual alignment and a preliminary schedule.

7. **MTA Real Estate** to perform fair market value estimate of real estate license/easement.
8. **Based on DWP's approval of LNTP of \$50,000, MTA to issue a change order and authorize STV to perform feasibility study of alignment and DWP requirements and identify impacts to MTA Construction, Operation, Maintenance and potential future conversion of the Transitway and recommend mitigation measures. Upon approval by DWP, MTA will increase the funding for STV to perform preliminary engineering and prepare Request for Proposal documents for change to the Design/Build (D/B) Contract No. CO675. Note: Exact scope of STV work will depend on identification of work that can effectively be done by the D/B contractor and DWP (eg utility crossings).**
9. **DWP/MTA** to review STV's assessment and recommendations and agree with identified impacts, mitigation measures and preliminary design.
10. **MTA** to perform ROM estimate for design and construction.
11. **DWP to provide environmental clearance.**
12. If DWP has satisfied MTA requirements and MTA staff approves the project, **then MTA staff to request approval by the MTA Board to include waterline within the MTA ROW, and establish appropriate budgets and authority for contract modifications. Note that DWP is at risk in developing the project, which can only proceed to construction if approved by the MTA Board, and if DWP has satisfied MTA requirements including environmental clearance, mitigation measures, funding, design, construction, real estate and maintenance.** Schedule for seeking MTA Board approval will depend on time required to complete activities mentioned in item nos. 1 through 11 above.
13. **MTA Real Estate to finalize license/easement and MTA Third Party to finalize the agreement with DWP.**
14. **DWP to approve request for cost/schedule proposal for design and construction from D/B contractor.**
15. **DWP** to approve costs and schedule to allow MTA to authorize the D/B contractor to complete the work.
16. **DWP** to approve detailed schedule, to be submitted by the D/B Contractor.
17. **DWP/MTA** to perform design reviews and project oversight, and D/B contractor to perform design and construction.
18. **MTA** to submit detailed billings to DWP on a monthly basis for progress payments.
19. **DWP to provide inspectors and segmental sign offs.**
20. **MTA** to track as-built drawings from D/B contractor and provide as-built schedule and monthly up-dates on progress.
21. **MTA** to deliver final as-builts to DWP in format specified in D/B change.
22. **MTA** to submit final invoice to DWP.

CITY OF LOS ANGELES

CALIFORNIA



JAMES K. HAHN
MAYOR

January 31, 2003

DEPARTMENT OF
PUBLIC WORKS

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ATTACHMENT 4

Dear «MrMs». «LastName»:

INTEGRATED RESOURCES PLAN (IRP) - PHASE II ADVISORY GROUP MEETINGS - SERIES NO. 1

The City of Los Angeles, Department of Public Works, Bureau of Sanitation would like to thank you once again for agreeing to serve as a member of the Integrated Resources Plan (IRP) Advisory Group.

As you will recall, the purpose of the IRP is to develop and implement an integrated resource planning process that addresses the City's water resources and wastewater/biosolids collection, treatment, recycling, and disposal needs and practices through the year 2020. The IRP is unique because it uses a participatory decision-making process involving community stakeholders, Steering Group members, to help guide the planning effort. As an Advisory Group member, you will have the opportunity to provide comments and suggestions and make observations for consideration by the City of Los Angeles and the Steering Group. You will also be expected to inform your colleagues in the organization you represent about the major milestones and recommendations of the IRP efforts.

The Advisory Group process will focus on a series of quarterly informational meetings throughout the course of the project. The first set of these informational evening meetings will be held in February and March. Six different meeting dates and meeting locations in the Los Angeles area have been selected to make your participation as convenient as possible. You may choose any one of the six dates and locations shown below. The same presentation will be given at each venue. A map for each location is also enclosed for your convenience.

- **Tuesday, February 18, 2003, 7:00 p.m.-9:00 p.m.**
Los Angeles River Center & Gardens, Atrium
570 West Avenue 26
Los Angeles, CA 90065
- **Thursday, February 20, 2003, 7:30 pm.- 9:30 p.m.**
Lake View Terrace Recreation Center (Phyllis Hines Room)
11075 Foothill Boulevard
Lake View Terrace, CA 91342



January 31, 2003

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- **Tuesday, February 25, 2003, 7:00 p.m.- 9:00 p.m.**
Van Nuys State Building (Conference room #135)
6150 Van Nuys Boulevard
Van Nuys, CA 91401
- **Wednesday, February 26, 2003, 7:00 p.m.- 9:00 p.m.**
San Pedro City Hall (Room No. 452)
638 Beacon Street (near 6th St.)
San Pedro, CA 90731
- **Tuesday, March 4, 2003, 7:00 p.m. - 8:30 p.m.**
El Segundo Public Library
111 West Mariposa Avenue
El Segundo, CA 90245
- **Wednesday, March 5, 2003, 7:00 p.m. - 9:00 p.m.**
Los Angeles Department of Water and Power, Crenshaw Office, Main Auditorium
4030 Crenshaw Boulevard
Los Angeles, CA 90008

At each meeting, the City will give a 40 to 50 minute presentation about the IRP. The first part of each meeting will focus on IRP objectives, how those objectives will be achieved, what technical information is being used, and how the public will be involved in the project. The remaining time will be available to answer questions or discuss project-related issues, and several City and consulting staff will be on hand to join you in a lively discussion of your questions and ideas.

To help us plan effectively for each session, we would greatly appreciate hearing from you about which of the six meetings you plan to attend. Please reply directly to Amy Jones, City of Los Angeles, Bureau of Sanitation by phone, fax, or email:

Amy Jones

Phone: (323) 342-6233

Fax: (323) 342-6210

Email: aljones@san.lacity.org

If you have any questions or comments prior to these meeting, please contact Amy Jones at the number shown above. We look forward to meeting you in February or March and to presenting and discussing the IRP with you and your colleagues on the Advisory Group.

Sincerely,

Adel Hagekhalil, Division Manager
Wastewater Engineering Services Division
Bureau of Sanitation

Enclosures

AHH/CBT/HM/alj

c: Judith Wilson, Ray Kearney, Chuck B. Turhollow, Hyginus Mmjeje, Reina Pereira, Amy Jones, Paul Gustafson, Chris Harris, Rebecca Barrantes, Judi Miller, Scott Bruce