

DEPARTMENT OF PUBLIC WORKS

BUREAU OF SANITATION
BUREAU OF STREET SERVICES
JOINT BOARD REPORT NO. 1
November 16, 2009

CD: 4

AUTHORITY TO EXECUTE A MEMORANDUM OF AGREEMENT (MOA) BETWEEN THREE (3) AGENCIES – THE BUREAU OF SANITATION (BOS), THE BUREAU OF STREET SERVICES (BSS) AND THE LOS ANGELES DEPARTMENT OF WATER AND POWER (LADWP) - REGARDING THE NORTH HOLLYWOOD ALLEY RETROFIT BEST MANAGEMENT PRACTICES (BMP) DEMONSTRATION PROJECT

RECOMMENDATIONS

1. Approve and forward this report, with the transmittals to the Mayor requesting approval of the proposed Memorandum of Agreement (MOA) between the Bureau of Sanitation (BOS), the Bureau of Street Services (BSS) and the Los Angeles Department of Water and Power (LADWP).
2. Request the Mayor to authorize the President or two members of the Board of Public Works to execute the MOA.
3. Notify the Bureau of Sanitation, Watershed Protection Division [Alice Gong, (213) 485-3996] when the MOA is ready to be executed by the Board, whereupon six (6) original documents will be delivered to the Secretary of the Board for execution.
4. Upon execution, request the City Clerk to attest and certify the six (6) original copies of the MOA. The City Clerk and the Board of Public Works each are to retain one original copy, and the remaining four (4) original copies are to be returned to the BOS, Watershed Protection Division (WPD) [contact Alice Gong for pick up at (213) 485-3996].
5. Authorize the Director of the Department of Public Works, Bureau of Street Services (BSS), or designee, to receive and deposit an amount not to exceed \$600,000 from the Department of Water and Power into Subventions and Grants fund 305, Department 50, and appropriate said amount therefrom to BSS Fund 100, Department 86
6. Authorize the Director of the Department of Public Works, Bureau of Streets Services (BSS), or designee to prepare Controller instructions, including technical corrections, to implement the intent of the actions noted above.

FISCAL IMPACT STATEMENT

There is no impact to the City's General fund. BOS will provide in-kind services in the form of construction document preparation and project management services. The salaries for the stated BOS in-kind services will be paid by the Stormwater Pollution Abatement (SPA) fund.

BSS will provide construction services. Construction funding will be transferred to BSS from LADWP prior to the start of construction. LADWP has obtained funds from the American Recovery and Reinvestment Act of 2009 (ARRA, PL 111-5) through the Clean Water State Revolving Fund (CWSRF) Expanded Use Program granted by the State Water Regional Control Board (SWRCB).

There are some undetermined maintenance costs for extending the service life of the project. As this is a demonstration project, it will serve as a test case to determine maintenance requirements and/or replacement costs.

TRANSMITTALS

1. Copy of the Memorandum of Agreement (Attachment 1).
2. LADWP Board Approval Letter, dated June 16, 2009, from the Chief Operating Officer, Chief Executive Officer, General Manager and the Senior Assistant General Manager-Water System to the Board of Water and Power Commissioners regarding the application to the State Water Resources Control Board for funding assistance from the Clean Water State revolving Fund Expanded Use Program for the North Hollywood Alley Retrofit Best Management Practices Demonstration Project (Attachment 2).
3. Copy of LADWP Letter, dated September 30, 2009, from the Director of Water Resources to the Bureau of Street Services Assistant Director regarding the method of construction fund transfer and the revised construction start date (Attachment 3).

DISCUSSION

In December 2008, Councilmember Tom LaBonge introduced a Council Motion requesting the Department of Public Works, LADWP, and other City departments to investigate the feasibility of implementing a Green Alley Program in the City of Los Angeles (Council File 08-0102). The motion was inspired by the success of green alley initiatives in other cities, including Chicago, Illinois; Seattle, Washington; and Vancouver, British Columbia.

This demonstration project has been developed in cooperation between LADWP, BOS, and BSS to retrofit one existing alley segment and to improve three other alley segments with different types of permeable pavers, in order to capture and infiltrate stormwater runoff for groundwater recharge.

The project scope entails the renovation of four alley segments located to the west of Vineland Avenue, south of Oxnard Street, and north of Hatteras Street in North Hollywood (please refer to page 2 of Attachment 2 for more location details). The most northerly alley segment between Oxnard Street and Tiara Street abuts commercial developments to the east and residential homes to the west. This alley segment is currently paved with asphalt pavement and a concrete gutter. The remaining three segments of the alley from Tiara Street to Califa Street, Califa Street to Emelita Street, and Emelita Street to Hatteras Street are all located in residential areas (please refer to page 8 of Attachment 2, "Location Map of Alleys West of Vineland Avenue Drainage with Diversion Structures"). The project will retrofit the most northerly alley segment with a new permeable gutter over an underlying infiltration trench. The three residential alley segments will be paved with three different types of permeable pavement materials in the center six feet of the alley and with conventional asphalt pavement along each side. The project will also include seven new catch basin inlet structures to capture stormwater runoff from the streets indicated above and to direct the stormwater flow into the infiltration trenches beneath the permeable pavement areas within the alleys.

The total project cost is estimated at \$720,000, of which LADWP will fund \$600,000 through a grant awarded by the Clean Water State Revolving Fund (CWSRF) Expanded Use Program, administered by the State Water Resources Controls Board (California Environmental Protection Agency). The CWSRF was established in 1987 by the Federal Water Pollution Control Act to provide low-interest loan funding for construction of publicly owned wastewater treatment facilities; local sewer projects; water recycling projects; and expanded use projects. The portion of the State Revolving Fund for expanded use projects specifically provides funding for stormwater capture, non-point source pollution, and estuary conservation and management projects.

This CWSRF project is also an economic stimulus funded project as it is being funded through grant monies available under the American Recovery and Reinvestment Act (ARRA) of 2009 and will be subject to all ARRA program requirements. The ARRA was enacted on February 17, 2009 and is designed to improve public infrastructure, retain and create jobs, and stimulate economic growth. The ARRA has provided a total of \$4 billion to the CWSRF program nationwide, of which \$280 million was allocated to the State of California. One-half of the total allocation amount, \$140 million, is to be disbursed as grants for wastewater projects in disadvantaged communities and expanded use projects, with an emphasis on urban stormwater capture projects. The remainder of the ARRA funds will be disbursed as low-interest loans for other qualifying projects. ARRA stipulates that funded projects must be "shovel ready," defined as ready to proceed to construction by February 16, 2010. The project construction will begin within 60 days of funding transfer to the Bureau of Street Services.

The water supply benefit over a 30 year life of the project is estimated at 1,000 acre-feet. Additional benefits include downstream water quality improvements and flow reductions, as well as reduced localized flooding. This demonstration project will stand as a model for future alley retrofits within the City of Los Angeles.

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Under the terms of the MOA, the project cost estimate is \$720,000, of which BOS will contribute \$120,000 for in-kind services to provide project management and preparation of construction documents. These in-kind services will be paid by the SPAF. LADWP will provide BSS with \$600,000 for the construction cost of the project prior to the start of construction. The \$600,000 in construction funds will be remitted to BSS from LADWP via a payment method that is mutually agreed upon between the Department of Water and Power and the Bureau of Street Services. (Please refer to Attachment 3).

The Board of Water and Power Commissioners granted authority to the LADWP to apply to the SWRCB for funding assistance from the CWSRF Expanded Use Program for this project on June 16, 2009 (please refer to Attachment 1), and subsequently gave authority to execute an agreement between itself, BOS and BSS on August 4, 2009. LADWP presented a verbal report regarding the fiscal and scope elements of this project to the City Council's Ad Hoc Committee on Economic Recovery and Reinvestment on July 17, 2009.

Once completed, the alleys improved by this project will be included in the Bureau of Street Services' Alley Maintenance Program. No additional or special maintenance of these alleys will be provided by Street Services.

APPROVAL AS TO FORM

The attached MOA has been reviewed by Mr. Christopher Westoff, Assistant City Attorney, of the City Attorney's Office and has been approved as to form.

Respectfully submitted,



ENRIQUE C. ZALDIVAR, Director
Bureau of Sanitation



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Bureau of Street Services

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