

LEUCADIA WASTEWATER DISTRICT
 Minutes of an Engineering Committee Meeting
 February 5, 2014

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, February 5, 2014 at 1:30 p.m., at the LWD Administration Office located at 1960 La Costa Avenue, Carlsbad, California.

1. Call to Order

Chairperson Juliussen called the meeting to order at 1:30 p.m.

2. Roll Call

DIRECTORS PRESENT: Juliussen and Kulchin

DIRECTORS ABSENT: None

OTHERS PRESENT: General Manager Paul Bushee; Technical Services Manager Robin Morishita; Field Services Supervisor Marvin Gonzalez; District Engineer Steve Deering; Jamie Fagnant from IEC; Bill Canepa from Wave Crest Hotels and Resorts.

3. Public Comment

4. Old Business

None.

5. New Business

- A. Receive and file the B2 Force Main Replacement Project Preliminary Design Report consisting of B2 Force Main Replacement Project Technical Memorandums No. 1 and No. 2 completed by Infrastructure Engineering Corporation.

TSM Morishita presented staff's recommendation. TSM Morishita explained that an agreement was executed with IEC in July 2013 for design services for the Batiquitos (B2) Force Main Replacement Project. The initial phase of the design was to determine the force main alignment and replacement method. He went on to state that IEC focused their evaluation in two areas along the current B2 alignment. These areas were the planned Ponto Beachfront Village (Ponto Village) and the landscaped area in front of the Hilton Carlsbad Oceanfront Resort & Spa (Hilton) on Highway 101. TSM Morishita said that IEC evaluated five alternatives for Ponto Village and three alternatives for Hilton. As a result of the evaluation (Tech Memo No. 1), IEC recommended replacing B2 using the open trench method to replace the line within its existing alignment with new polyvinyl chloride (PVC) pipe.

TSM Morishita said that on October 15, 2013 District Staff met with the Hilton owner, Wave Crest, to inform them of the upcoming B2 project, discuss the intended method of construction and discuss potential concerns. The Hilton Group voiced concerns about significant negative impacts to hotel operations and their customers from open trench construction. TSM Morishita said that as a result of that meeting and additional staff/IEC discussions 12 alternatives were evaluated. IEC's Tech Memo No. 2 delineated the most viable alternatives for the District to replace B2 in the area of the Hilton Hotel. TSM Morishita said that the report did

not recommend a specific alternative for the District to move forward, but provided sufficient information for the District to make a policy decision in this area.

TSM Morishita said that based on that report and discussions with Hilton representatives, staff recommends that the Board of Directors receive and file the tech memos and authorize staff to implement Alternative 9 - realign all three force mains (B1, B2, and B3) into the Highway 101 roadway, contingent upon Board approval of the Funding Contribution Agreement with Wave Crest Ocean Front, LLC.

After discussion, the EC concurred with staff to present this recommendation at the February 2014 Board meeting for approval.

- B. Authorize the General Manager to execute a Funding Contribution Agreement with Wave Crest Hotels and Resorts, owners of Hilton Carlsbad Oceanfront Resort & Spa, for participating in the funding of the realignment of three sewer force mains (Batiquitos Force Mains B1, B2, and B3) into north bound Carlsbad Boulevard (Highway 101) for the Batiquitos (B2) Force Main Replacement Project.

GM Bushee presented this item to the EC. He said that at the November 20th EC meeting, the EC directed staff to continue to work with Hilton owners, Wave Crest, to determine the best alternative for replacing the B2 Force Main in front of the Hilton property.

Over the past two months staff has worked with IEC to evaluate 12 alternative alignments for B2. Additionally, LWD staff has met with Mr. Canepa, Wave Crest, on several occasions to determine an equitable solution. GM Bushee stated that, as a result, it has been determined that the best alternative is to move the District's three force mains (B1, B2 and B3) into north bound Highway 101 in front of the Hilton. GM Bushee stated that the District will benefit from the ease of maintenance in a roadway and the reduced liability associated with a future force main problem that could cause substantial and costly damage to a private entity.

Mr. Canepa stated that he agrees with this approach and has agreed to contribute \$220,000 to the project to pay a portion of the additional cost to move the three force mains. Mr. Canepa stated that he appreciates the time and effort GM Bushee took to reach this agreement and thanked the EC for their consideration and understanding.

GM Bushee stated that the agreement represents not only a cooperative public-private partnership between the District and Hilton, but also the City of Carlsbad. Carlsbad has been involved with the project planning and has agreed to provide an exemption for a Coastal Development Permit for the project.

Chairperson Juliussen expressed concern with the October to April construction period constraint for construction in front of the Hilton in the agreement. GM Bushee explained that it is possible to get the project ready to bid in the September timeframe to fulfill that condition.

After discussion, the EC concurred with staff to present this recommendation at the February 2014 Board meeting for approval.

- C. Authorize the General Manager to execute Amendment No. 1 to Task Order No. 18 with Infrastructure Engineering Corporation for environmental review services for the Batiquitos (B2) Force Main Replacement Project in an amount not to exceed \$35,434.

TSM Morishita presented staff's recommendation. He stated that as a result of IEC's B2 Force Main Replacement Project Preliminary Design Report and contingent upon agreement with Wave Crest Ocean Front, LLC (Wave Crest), staff recommended that three District force mains (B1, B2, and B3) be realigned into the north bound lanes of Highway 101 in front of the Hilton Carlsbad Resort & Spa (Hilton) as part of the B2 Replacement Project.

TSM Morishita said to construct this realignment, the three force mains will be placed in previously undisturbed soil under Highway 101. He explained further that, as a result, the project will have to satisfy California Environmental Quality Act (CEQA) standards. Meeting these standards will require an environmental impact assessment of the site and will result in a Mitigated Negative Declaration (MND).

TSM Morishita stated that IEC was asked to submit a proposal for environmental review services. Their proposal was evaluated and it was determined to be fair and reasonable. Therefore, staff recommended that an amendment be executed with IEC for environmental review services for the Batiquitos (B2) Force Main Replacement Project.

After discussion, the EC concurred with staff to present this recommendation at the February 2014 Board meeting for approval.

6. **Information Items**

- A. Recycled Water Effluent Line Isolation Valve Installation

TSM Morishita presented a project completion report. He said the project was completed in December 2013. The final project cost was \$46,446.44. The original cost was \$24,600. TSM Morishita said three change orders were issued at cost of \$21,846.44 (88.8% of original cost). Change order number 3 (\$15,269.26 or 62.1% of original cost) was to repair a line break discovered after the recycled water line was placed back in operation.

- B. La Costa Pump Station Rehabilitation Project

TSM Morishita reported that all construction is complete on the project. Final refinements are being done to the pump station control/alarm system. He said that it is anticipated that a project completion report will be presented at the next EC meeting.

- C. Leucadia Pump Station Generator Replacement Project

TSM Morishita presented a project update report. He showed the EC pictures of the new generator being installed. He said electrical connections are being made to connect the new generator to the pump station and Headquarters Building. It is anticipated that the project will meet the February 22, 2014 project completion date.

D. Gravity Line Rehabilitation Project

TSM Morishita reported that to date, Sancon has completed CIPP lining of 11 gravity line segments. Four CIPP patch liners require installation. Eleven of 35 top hat installations (2 of 5 line segments) are complete. He stated that Charles King, subcontractor, has completed 2 of 3 spot repairs. TSM Morishita said it is anticipated that Sancon will meet the March 18, 2014 project completion date.

E. L1 and B3 Corrosion Non-Destructive Testing

TSM Morishita reported that PICA submitted a quote of \$663,325 to complete the inspection of L1 and B3 using the "SeeSnake" technology. He stated that this is significantly higher than the original \$400,000 estimate. The cost escalation can be attributed to:

- the discovery of 3 valves in the L1 Force Main that would have to be removed to facilitate using SeeSnake
- the addition of a recovery point on L1 prior to the railroad bridge on La Costa Ave
- having PICA perform the line cleaning and gauging services to prepare the force main for inspection

Staff will meet with IEC to discuss options to determine the way forward.

Director Juliussen asked about the age of the L1 Force Main. GM Bushee answered that L1 was installed in 1979. Director Juliussen asked if it made sense to replace L1 instead of inspecting it based on its age. GM Bushee said that subject will be discussed at the meeting scheduled for next week with IEC.

7. Director's Comments

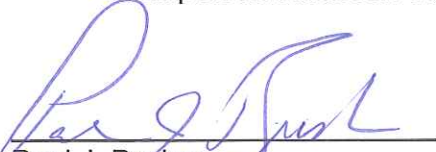
Directors Juliussen and Kulchin praised staff for the outcome of the B2 Replacement project Funding Contribution Agreement with Wave Crest. Chairperson Juliussen asked about the existing utilities in the Highway 101 roadway. Jamie Fagnant said that the utilities will be identified to the greatest extent possible during the project design phase. Chairperson Juliussen also requested that monthly reports on the status of the B2 Replacement project be provided to the EC.

8. General Manager's Comments

GM Bushee informed the EC that the District has gone a full year without a Sewer System Overflow and he commended FSS Gonzalez and the Field Service Staff for their excellent work. He also stated that staff will be meeting with Encina to discuss the reconciliation of the Encina Phase V funding.

9. Adjournment

Chairperson Juliussen adjourned the meeting at 2:32 p.m.



Paul J. Bushee,
Secretary/Manager
(Seal)