

DATE SUBMITTED 06/23/15
 SUBMITTED BY PLANNING DIRECTOR
 DATE ACTION REQUIRED 07/01/15

COUNCIL ACTION (X)
 PUBLIC HEARING REQUIRED ()
 RESOLUTION ()
 ORDINANCE 1ST READING ()
 ORDINANCE 2ND READING ()
 CITY CLERK'S INITIALS ()

**IMPERIAL CITY COUNCIL
 AGENDA ITEM**

SUBJECT: DISCUSSION/ACTION: APPROVE IID DESIGN PHASE DEPOSIT FOR THE AMOUNT OF \$62,000

1. Approve the design phase deposit for the amount of \$62,000 to complete the designs for canal and/or drain facilities located on Neckel Road and Highway 86.

DEPARTMENT INVOLVED: Planning

BACKGROUND/SUMMARY:

In 2011, The City of Imperial was approved to receive in federal funds the amount of \$795,600 for the HSIP 5134-013-Neckel Rd/SR 86 for new traffic signal light and intersection improvements. In 2015, the City requested additional funds for \$445,500 for the Right of Way improvements. The City's local funds are \$138,000. Total project cost of \$1,379,100.

One of the requirements from IID is to underground approximately 870 feet of the Dahlia 8 Drain crossing at Neckel Road in two phases: The first phase would be to underground 225 feet of drain which would include the Neckel Road crossing. The first phase would facilitate the installation of the traffic signal light. The remaining 645 lineal feet of drain (phase 2) would need to be underground prior to the actual widening of Neckel Road.

To move forward with the project, IID is requesting a design phase deposit of \$62,000 to finalize the design and to prepare an opinion of cost (construction phase deposit) relative to the completed design.

FISCAL IMPACT: \$62,000 Measure D funds F.O. INITIALS: _____

STAFF RECOMMENDATION:

Staff recommends: the approval of the design phase deposit for \$62,000 to be able to move forward with the Neckel Rd/SR 86 signalization and improvement project.

MANAGER'S RECOMMENDATION: MANAGER'S INITIALS

MOTION:

SECONDED: APPROVED () REJECTED ()
 AYES: DISAPPROVED () DEFERRED ()
 NAYES:
 ABSENT: REFERRED TO:



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04/07/15
JR

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March 31, 2015

Mr. Jose Carlos Romero
Pro Terra
444 South Eighth Street, Suite D
El Centro, CA 92243

Subject: Dahlia 8 Drain and Lateral at Neckel Road and Highway 86

Dear Mr. Romero:

This letter serves as a follow-up to your drawing submittal via email December 22, 2014, regarding the request to upgrade the Dahlia 8 Drain crossing at Neckel Road, located in the City of Imperial, California, within the W ¼ corner of Section 7, T.15.S-R.14.E., SBM.

The proposed project improvements would require that the City of Imperial be responsible to underground approximately 870 feet of the Dahlia 8 Drain in order to accommodate a turning lane from SR 86 onto Neckel Road. This would mitigate potential risks, liabilities and impacts to IID's operation and maintenance of the drain. It is understood that the City of Imperial proposes a phased approach to the implementation of all city proposed improvements at this location. To accommodate this phased approach and the city's signalization project at this intersection, IID Water Department proposes that the work within the Dahlia 8 Drain (undergrounding ~870 feet) be performed in two phases. The first phase would be to underground approximately 225 feet of drain which would include the Neckel Road crossing. This would facilitate the installation of traffic signal lights. The remaining 645 lineal feet of drain would need to be underground prior to the actual widening of Neckel Road. The high level opinion of cost for Phase 1 is \$375,000. If instead, the City wishes to underground the entire required length of drain, the cost is estimated at \$802,000. These estimates are based on a high level preliminary design and are subject to change based on subsequent project submittals by the city.

All information including drawings submitted with an encroachment permit application become permanent records of the encroaching facility(ies) and may be used to locate the encroaching facility. In some instances, the applicant may be requested to submit as-built records of the encroaching facility. Therefore, all information submitted shall be as accurate as possible. With this in mind, please note following comments listed by drawing sheet number:

1) Sheet 1:

- a. Confirm that this is a complete drawing set. The drawing list does not correspond to the number of sheets in the set.
- b. Confirm the elevation of the IID bench mark used in drawing set.

2) Sheet 2:

- a. Right-of-way noted on this sheet per FM14-60, FM 23-14 and ROS 1-1 does not match right-of-way noted on sheet 3 for the same location and references.
- b. Proposed driveway onto the east bank of Dahlia Lateral 8 needs to be a minimum top width of 20 feet. This driveway is currently shown at a 16 foot width.
- c. Proposed driveways onto the west bank of Dahlia 8 Drain, both north and south of Neckel Road are not shown. Please note that the minimum driveway top width is twenty feet. Please note that any proposed signal poles shall be designed/located such that the poles will not interfere with the access of IID maintenance vehicles. This unobstructed minimum clearance is required at and above ground levels.
- d. Drawings do not include as-built data for the 10-inch water line and 6-inch sewer force main. Please incorporate pothole data performed by City of Imperial for these lines.
- e. Confirm whether signal poles A-G are depicted in their final location based on the proposed widening of Neckel Road or if any of these poles will require additional relocation and indicate this location. Note that proposed poles are shown not to scale and clearances noted between the proposed pole and IID facilities are incorrect.
- f. Note that cross section references reference the incorrect sheet.
- g. All references between proposed improvements and IID facilities shall be referenced from centerline to centerline of each facility.
- h. Please note that the size and length of the drain crossing under Neckel Road does not correspond to IID information. Further note that this crossing also includes an inlet concrete structure. This inlet concrete structure contains a discharge from the property owner directly from the west. In order to relocate this discharge facility, approval from the property owner will be required. As an alternative and if this structure will no longer be in service, the property owner can officially abandon this facility. The City will be required to submit the appropriate paperwork for either option.

3) Sheet 3:

- a. The cross sections on this sheet were difficult to understand. Cross sections are titled "Existing Cross Section.....", however it appears to depict both existing conditions and proposed improvements. The cross sections do not completely depict the existing and proposed. IID would require that each cross section completely depict existing and proposed conditions.
- b. The IID requires clarification on distances noted on sheet.
- c. Please confirm if proposed poles (A-G) would require relocation for subsequent phases.

4) Sheet 4:

- a. The type and shape of foundation noted for proposed poles do not correspond to those shown on standards included on this sheet. Applicant should note on this sheet the proposed modification to the standard shown.

5) Sheet 5:

- a. The location of any proposed utility, including conduit and wiring, near or crossing IID facilities need to be clearly noted on drawing. Whenever possible, the location of proposed facility shall be tied, horizontally and vertically to a permanent facility.
- b. The location of existing utilities (water and forced sewer main) shown on this sheet does not correspond to location depicted on other sheets in the drawing set.

In addition, IID Water Department would require the city's project schedule, updated project drawings addressing the comments in this correspondence and a high level multi-phase project schedule for all proposed projects at this location.

The customer, City of Imperial, is responsible for the full cost of the project which is estimated at \$375,000 if the city wishes to proceed with a phased approach or \$802,000 otherwise. All IID canal and drain improvements are to be performed by IID in accordance with the "IID Water Department Requirements and Project Process", which is detailed in the IID Developer Guide. The Developer Guide also contains all project forms.

Opinion of costs include design, drafting, survey, staking, removal and disposal of structures, material procurement and installation, record drawings, permitting, traffic control, trench shoring, import material, k-railing, geotechnical investigations, inspection and project management and administrative services. The opinion of cost amounts do not include removal or relocation of power or other utilities or additional work due to unforeseen conditions which would be tracked and included in the actual project cost. Following is a summary of opinion of costs for the different options.

OPTION 1: Approximately 225 feet of Dahlia 8 Drain is pipelined. City of Imperial is responsible to underground an additional 645 feet of Dahlia 8 Drain at a later date.

Item	Description	Design Phase Deposit	Construction Phase Estimate	Opinion of Cost
1	Underground ~225 ft. of Dahlia 8 Drain	\$62,000	\$313,000	\$375,000

OPTION 2: Approximately 870 ft. of Dahlia 8 Drain is pipelined.

Item	Description	Design Phase Deposit	Construction Phase Estimate	Opinion of Cost
1	Underground ~870 ft. of Dahlia 8 Drain	\$89,000	\$713,000	\$802,000

IID is unable to complete designs for canal and/or drain facilities without the latest project site and off-site improvement plans and draft final map. Thus, these documents must be submitted with the design phase deposit. Upon receipt of the required submittals, IID will finalize designs and prepare an opinion of cost (construction phase deposit) relative to the completed design. Cost accounting will be performed in accordance with the Developer Guide. Opinions of cost are valid for 30 days. A response to this deposit request must be received within the 30 day period or the project will be closed.

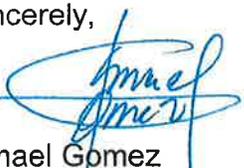
If you wish to proceed with this project, please send a check in the amount of \$62,000 for Option 1, or \$89,000 for Option 2, along with a completed and signed *Project Design Phase Payment* form and a copy of this letter to:

Imperial Irrigation District
Water Department
Attn: Portfolio Management
333 East Barioni Blvd.
Imperial, CA 92251

In the event that IID Water Engineering Services does not receive a deposit with the requested documents, or a written response within 30 days of the date of this letter, IID will close this project and bill or refund accordingly as outlined in IID's policies.

Ms. Hilda Romo is available for any questions you may have regarding information provided above at (760) 339-9459 and/or hmromo@iid.com.

Sincerely,



Ismael Gomez
Assistant Manager, Chief Civil Engineer
Water Department

HR:sm

cc: Shayne Ferber, Real Estate
Mike Kemp, Environmental Compliance
Henry Dollente, Southend Water
Alfred Ornelas, Customer Operations
Jose Favila, Portfolio Management
Javier Esparza, Portfolio Management
William Brunet, Imperial County Public Works
Jorge Galvan, City of Imperial