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**PRRIP – ED OFFICE MEMORANDUM**

**TO:** FINANCE COMMITTEE  
**FROM:** EXECUTIVE DIRECTOR'S OFFICE  
**SUBJECT:** HABITAT RESTORATION WORK BY BROADFOOT SAND AND GRAVEL  
**DATE:** APRIL 29, 2015  
**CC:**

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*The ED Office is requesting Finance Committee recommend compensating Broadfoot Sand and Gravel Co., Inc. of Kearney, NE \$47,875.00 to rework a portion of PRRIP property 2009008 to create additional off-channel sand & water nesting area for least terns & piping plovers. Funding for the project will come from FY 2015 Budget Line Item LP-2, "FSM/MCM Actions at Habitat Complexes." The remaining available budget in LP-2 is \$713,914.38. The work would be considered to be a part of the Program's existing agreement with Broadfoot related to mining operations on the property.*

Broadfoot Sand & Gravel Co., Inc. is the sand & gravel mining, hauling, and construction company from which the Program purchased Tract 2009008 (Broadfoot Newark) in 2009. We have executed an agreement with Broadfoot under which they continue to mine the property and pay the Program royalties for the material. The 2015 PRRIP Annual Work Plan includes \$50,000 for creation of approximately 5 additional acres of sandpit habitat on the east sandpit, which is being actively mined. This project will involve excavation of channels in previously mined areas to create nesting area for terns and plovers, similar to work completed in 2011 on the same property. Engaging the current mine operator (Broadfoot) to perform the work provides the Program with advantages related to Mine Safety and Health Administration (MSHA) regulations. Workers engaged in activities on an active mine sites are required to have special training and certification from the Mine Safety and Health Administration. If an outside contractor were hired, any employees working on this site would be required to have general MSHA safety training, as well as site-specific and equipment-specific training, adding additional time and expense to the project. All Broadfoot Sand and Gravel staff are certified and current with MSHA training so no additional training expense is required if they complete this work as part of ongoing mining operations.

The agreement with Broadfoot Sand & Gravel would be for \$47,875.00 out of budget line item LP-2. The 2015 approved budget for LP-2 is \$773,490.00 of which \$59,575.62 has been expended. The cost proposal provided by Broadfoot is within the 2015 Non-Complex Annual Work Plan budget of \$50,000 for this work. Per-unit costs that have been proposed for this work are reasonable and comparable to similar activities that have been bid by the Program over the past 5 years. Broadfoot has indicated the work would take four to six weeks to complete.

The Broadfoot cost proposal and a project design overview are attached.



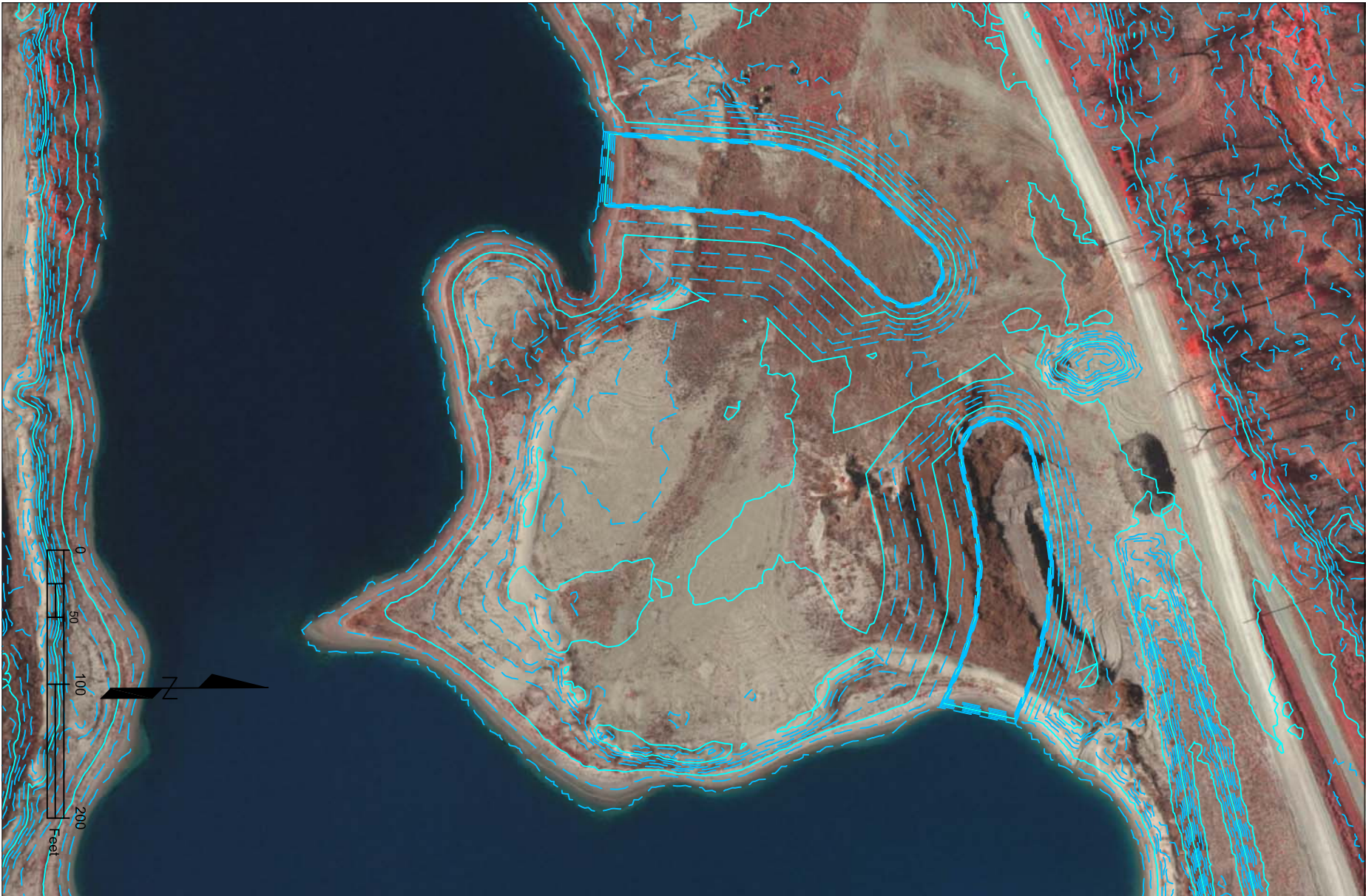
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**PRRIP – ED OFFICE MEMORANDUM**

**Newark East Pit Peninsula – Broadfoot Cost Proposal**

<b>Bid Item No.</b>	<b>Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Unit Price</b>	<b>Extended Total</b>
1	Mobilization	LS	1	\$ 2,000.00	\$ 2,000.00
2	Channel Excavation	CY	16,500	\$ 2.25	\$ 37,125.00
3	Vegetation removal and grading	AC	3.5	\$ 1,500.00	\$ 5,250.00
4	Move Topsoil Piles	CY	3,500	\$ 1.00	\$ 3,500.00
					<b>\$ 47,875.00</b>





General Notes

- Excavated material from east and west channels should be disposed of into sandpit such that the area of the peninsula may be increased.
- Finished peninsula area should be roughly graded to remove major ridges and slopes, and to remove all vegetation.
- West Channel excavation is approximately 8,500 cu. yd.
- East Channel excavation is approximately 8,000 cu. yd.
- Interior peninsula channel slopes (south/east) are 10:1. Exterior channel slopes (north/west) are 4:1.
- Peninsula area 3.5 acres approx.
- Minor contours are 1'. Major Contours are 5'.

Firm Name and Address  
**Platte River Recovery  
Implementation Program**  
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Project  
**NEWARK EAST PENINSULA  
CREATION**

Project Number  
P15-005

Sheet  
**BEFORE/  
AFTER**

Date  
4/21/2015

Sheet #  
1

Scale  
AS  
SHOWN

