



**Contract and Land Management  
CITY OF AUSTIN**

**AGENDA  
DATE: 6/24/2010**

**RECOMMENDATION FOR COUNCIL ACTION**

**Title:** 062410 PW SWS FM 812 Landfill Closure

**Subject:** Authorize execution of change order # 4 to the construction contract with RANGER EXCAVATING, L.P., Austin, TX, for FM 812 Landfill Final Closure and Erosion Control Improvements project in the amount of \$470,000, for a total contract amount not to exceed \$6,197,483.50.

**Amount and Source of Funding:** Funding in the amount of \$470,000 is available in the Fiscal Year 2009-2010 Capital Budget of the Solid Waste Services Department.

**Agenda Category:** Contract and Land Management

**For More Information:** Steve R. Nelson 974-7145; Tony Davee 974-1923; Susan Garnett, 974-7064; April Thedford 974-7141; Beatriz Guereca 974-7285

**Prior Council Action:** August 27, 2009 – Council approved original construction contract with Ranger Excavating, L.P.

**Boards and Commission Action:** To be reviewed by the Solid Waste Advisory Commission on June 9, 2010.

The purpose of this project is to achieve final closure of the City of Austin's FM 812 Municipal Solid Waste Landfill. The project includes placement of final cap and cover on four landfill waste cells and associated drainage improvements. The project also includes repair and improvements to an existing gabion erosion control system on Onion Creek along the northern boundary of the FM 812 Landfill. The gabions were initially installed in 1995 and were showing signs of failure.

Unforeseen conditions in the work area have necessitated redesign and substantial changes. It was initially anticipated that three of the four landfill cells would require only re-grading, and the existing in-situ cap would meet Texas Commission on Environmental Quality (TCEQ) requirements. Certification testing during closure has revealed that two landfill cells will require significant repairs. One landfill cell will require full reconstruction of the clay cap. TCEQ required changes to the landfill gas system will also be addressed as part of this additional work.

The erosion control portion of the project has also encountered unforeseen conditions, as competent bedrock occurs much deeper than anticipated in the central portion of the project, requiring redesign and installation of a modified, deeper gabion system.

Additional change orders may be required due to the nature and complexity of the work involved.

This project is located within zip code 78719.

## AUTHORIZATION HISTORY

<u>AMOUNT</u>	<u>DATE -- DESCRIPTION</u>
\$5,404,270.00	8/27/09 (Council) -- Original construction contract
\$270,213.50	8/27/09 (Council) -- 5% Contingency
\$53,000.00	8/27/09 (Administrative Authority) -- Change orders #1 through #3 are within the limits of Administrative Authority and Contingency
\$470,000.00	Proposed (Council) -- Change Order # 4
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\$6,197,483.50	<i>Total Contract Authorization</i>

## CONTRACT HISTORY

<u>AMOUNT</u>	<u>DATE -- DESCRIPTION (CO% / CUMULATIVE CO%)</u>
\$5,404,270.00	8/27/09 -- Original construction contract
\$-134,099.20	12/16/09 -- CO #1 -- Excavation and fill quantity changes in landfill cells due to updated land survey completed prior to construction (-2.48% /-2.48%)
\$66,542.00	2/2/10 -- CO #2 -- Additional excavation and fill to prevent waste contact with clay liner (1.23% /-1.25%)
\$195,026.30	4/27/10 -- CO #3 -- Additional excavation and fill to fix thin spots in clay liner (3.61% /2.36%)
\$665,000.00	Proposed -- CO #4 -- Repair or replacement of clay caps in two landfill cells, modification of the landfill gas system, and additional gabion structures (12.30% /14.66%)
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\$6,196,739.10	<i>Total Contract Expenditures</i>
14.66 %	<i>Cumulative Change Orders</i>

## **CIP BUDGET FISCAL NOTE**

**DATE OF COUNCIL CONSIDERATION:**

6/24/2010

**WHERE ON AGENDA:**

Ordinance

**DEPARTMENT:**

Solid Waste Services Department

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### **FINANCIAL INFORMATION:**

Project Name: SWS FM 812 CLOSE LANDFILL PROJ  
Project Authorization: Approved CIP Budget  
Funding Source:

Fund/Dept/Unit	4800-1507-0707
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Total Current Appropriation	\$11,694,184.00
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Unobligated Balance	\$3,203,780.58
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Amount of this Action	<u>(\$470,000.00)</u>
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Remaining Balance	<u><u>\$2,733,780.58</u></u>
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Financial Approval: Sue Cooper

Date: 06/02/2010

### **M/WBE Summary**

Participation goals stated in the original approved compliance plan were **7.51%** MBE and **7.25%** WBE.  
Participation for this change order:

NON M/WBE TOTAL – PRIME	\$150,000.00	22.56%
Ranger Excavating, L.P. Austin, TX	\$150,000.00	22.56%
NON M/WBE TOTAL – SUBCONTRACTORS	\$515,000.00	77.44%
Austin Filter Systems, Inc. Austin, TX (gabions)	\$390,000.00	58.64%
SCS Field Services, Austin, TX (landfill gas system modifications)	\$125,000.00	18.80%

**Overall participation for the entire project, including this change order:**

**PRIME:**

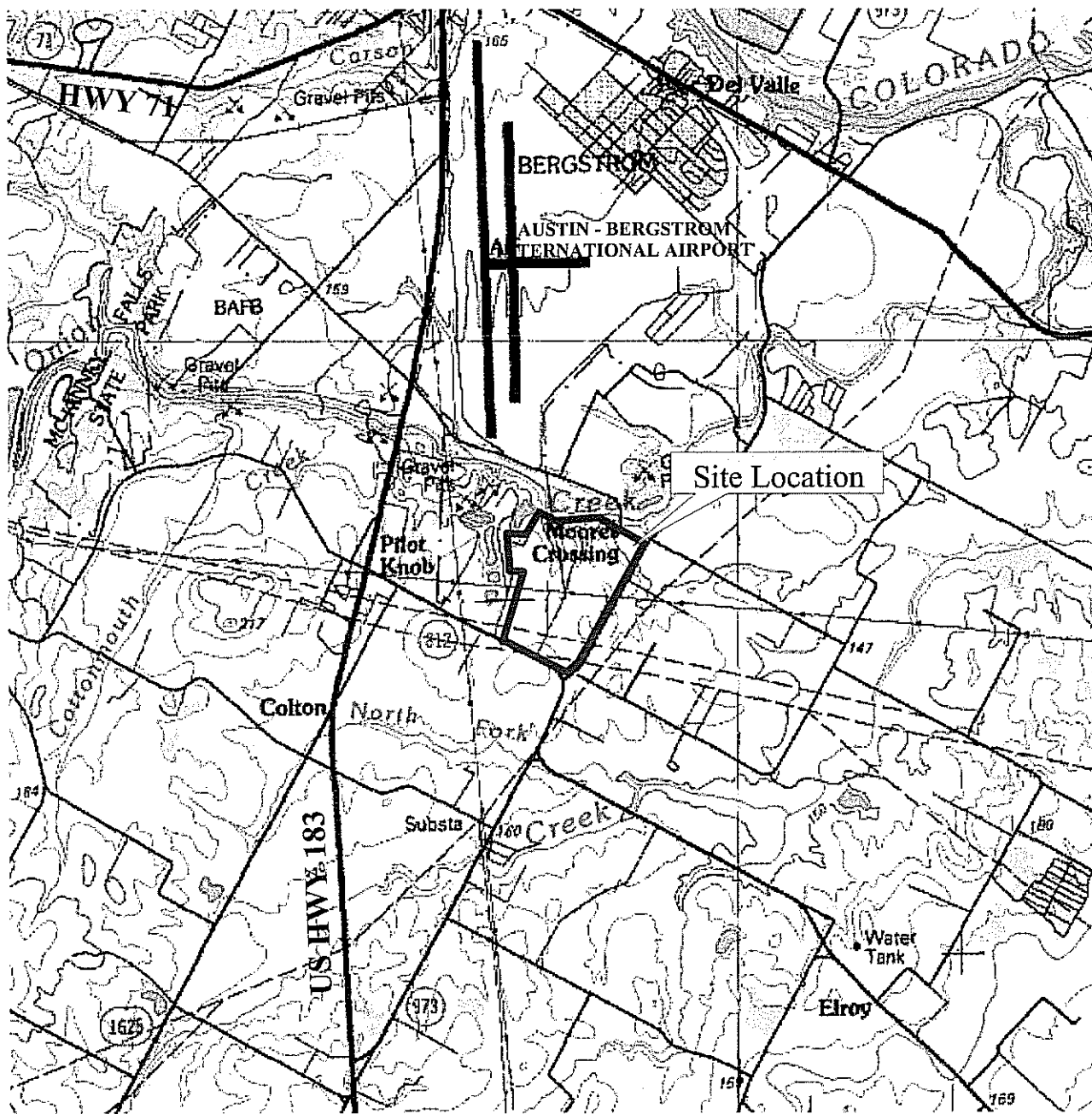
49.67 % Non M/WBE

**SUBCONTRACTORS:**

6.55% MBE; 6.32% WBE; and 37.46% Non M/WBE

**TOTAL:**

6.55 % MBE; 6.32% WBE; and 87.13% Non M/WBE



1000 0 1000 2000 3000 4000  
Scale in Meters



Source: USGS 7.50 Minute Topographic Quadrangle Map  
Montopolis, Texas 1988



**FIGURE 1-1**  
Site Location Map  
FM 812 Landfill  
City of Austin  
Austin, TX

WO# 06141.011.008

October 2003