



**Construction Contract  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 31  
AGENDA DATE: Thu 05/27/2004  
PAGE: 1 of 3**

**SUBJECT:** Authorize execution of a construction contract with W. L. HAILEY AND COMPANY, INC., Nashville, TN, for the Austin Clean Water Program - Shoal Creek Wastewater Improvements, 29th to 34th Street Tunnel in the amount of \$8,917,265.85 plus a \$891,726 contingency, for a total contract amount not to exceed \$9,808,991.85.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount of \$9,808,991.85 is included in the Fiscal Year 2003-2004 Capital Budget of the Austin Water Utility.

**FISCAL NOTE:** A fiscal note is attached.

**REQUESTING** Public Works  
**DEPARTMENT:** for Austin Water Utility;

**DIRECTOR'S  
AUTHORIZATION:** Sondra Creighton

**FOR MORE INFORMATION CONTACT:** Stan Evans, 479-1636; James King, 972-1589; Laura Bohl, 974-7064

**PRIOR COUNCIL ACTION:** N/A

**BOARD AND COMMISSION ACTION:** N/A

**PURCHASING:** Lowest bid of four received.

**MBE / WBE:** 16.05% MBE and 6.25% WBE subcontractor participation.

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This construction contract will result in a 3,100 linear foot tunnel with a 66-inch wastewater line to replace a portion of the existing Shoal Creek Wastewater Interceptor that has become exposed due to erosion of the creek. Construction of the tunnel will avoid impact to the creek and provide a long-term solution for wastewater conveyance. The wastewater improvements are part of the Austin Water Utility's Austin Clean Water Program (ACWP), which was developed to respond to the requirements of the Environmental Protection Agency's Administrative Order regarding Sanitary Sewer Overflows.

The Shoal Creek Tunnel wastewater line will tie into the existing Crosstown Wastewater Tunnel adjacent to the 29<sup>th</sup> Street bridge. The tunnel will be 30 to 40 feet under Shoal Creek and will extend 3,100 linear feet from a shaft north of West 34<sup>th</sup> Street bridge to another shaft located south of West 29<sup>th</sup> Street bridge. Several existing wastewater service connections and local collection lines will be improved by this project, a number of existing wastewater lines will be intercepted by the new tunnel allowing portions in the creek to be abandoned, and other lines will be rehabilitated. All of these improvements will result in environmental improvements along this portion of the creek and prevent potential overflows. Two portions of the 54-inch Shoal Creek Interceptor that are currently exposed will be removed after the tunnel line is put into service. When the tunnel wastewater line is completed, along with nearby ACWP wastewater project improvements, several current wastewater lines in the creek downstream of the tunnel can be abandoned. A follow-on project will improve 1500 linear feet of the creek by removal of these wastewater lines and exposed concrete caps, and stabilization of the creek banks.

Due to the potential for unknown subsurface conditions and utility conflicts when working on the tunnel and the various tie-ins, a 10% contingency in funding has been included to allow for the expeditious



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PAGE: 2 of 3**

processing of any future change orders. The contract allows 670 calendar days for substantial completion and 60 calendar days for final completion of this project.

Bid documents were distributed to 7 general contractors. Bids were opened on April 21, 2004. W. L. Hailey & Company, Inc. submitted the lowest of 4 bids received:

W. L. Hailey & Company, Inc., Nashville, TN	\$8,917,265.85
KM & M Joint Venture, Solon, OH	\$9,275,405.00
Dibco Underground, Inc., Bolton, Ontario, CAN	\$10,181,295.70
Affholder, Inc., Chesterfield, MO	\$10,599,000.00

The contractor's choice of work methodology provides for 19 areas of subcontracting opportunities listed below. Project specific subgoals stated in the solicitation were 2.87% African American; 10.08% Hispanic; 0.65% Native/Asian American, 6.25% WBE. Total participation estimated on base bid amount of \$8,917,265.85:

NON M/WBE TOTAL – PRIME	\$4,978,965.85	55.83%
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W. L. Hailey & Company, Inc., Nashville, TN	\$4,978,965.85	55.83%
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MBE TOTAL – SUBCONTRACTORS	\$1,431,000.00	16.05%
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African American Subtotal	\$256,000.00	2.87%
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Tunnels & Shafts Construction Contracting

Houston, TX (excavation of shafts)	\$136,000.00	1.53%
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Austex Tree Service, Round Rock, TX (tree trim)	\$75,000.00	0.84%
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J. Harper Construction Co., Austin, TX (sitework)	\$45,000.00	0.50%
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Hispanic Subtotal	\$1,117,000.00	12.53%
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ID/Guerra LP, Austin, TX (pipelines, manholes)	\$945,000.00	10.60%
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(FH)Lone Star Ready Mix LP, Austin, TX (concrete)	\$172,000.00	1.93%
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Native/Asian American Subtotal	\$58,000.00	0.65%
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BenQwest, LLC, Austin, TX (fuel oil, diesel)	\$58,000.00	0.65%
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WBE TOTAL – SUBCONTRACTORS	\$557,300.00	6.25%
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Conroe Wood Products, Conroe, TX (lumber, hardwood)	\$152,000.00	1.70%
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Roadway Specialties, Inc, Austin, TX (E/S controls, landscape)	\$158,000.00	1.77%
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McGray & McGray Surveying, Austin, TX (surveying)	\$87,000.00	0.98%
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Unlimited Hauling & Demolition, Austin, TX (hauling)	\$141,000.00	1.58%
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(FH)Central Texas Barricade, Inc, Bastrop, TX (barricades)	\$14,000.00	0.16%
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Diva Imaging, Austin, TX (construction photography)	\$5,300.00	0.06%
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PAGE: 3 of 3**

<b>NON M/WBE TOTAL – SUBCONTRACTORS</b>	<b>\$1,950,000.00</b>	<b>21.87%</b>
American Commercial, Bristol, VA (steel for tunnel lining)	\$399,000.00	4.47%
Pacific International, Bellingham, WA (grout sealer)	\$198,000.00	2.22%
MGD Technologies, Dallas, TX (flow controllers)	\$26,000.00	0.29%
C. C. Lynch & Associates, Pass Christian, MS (treat runoff)	\$12,000.00	0.13%
Hobas Pipe USA, Houston, TX (fiberglass pipe)	\$995,000.00	11.16%
Bryant & Frye Construction, Waco, TX (jacking pipe)	\$176,000.00	1.98%
F & L Concrete Services, League City, TX (concrete work)	\$144,000.00	1.62%

The Contractor submitted a MBE/WBE Compliance Plan that achieved the established sub-goals, and was approved by the Department of Small & Minority Business Resources. Second and third low bidder information is provided.

**SECOND BIDDER - KM & M Joint Venture, Solon, OH**      \$9,275,405.00 – Not evaluated  
50.35% Non M/WBE prime participation; 2.87% MB; 10.18% MH; 0.65% NA; 6.37% WBE; 29.55%  
Non M/WBE subcontractor participation.

**THIRD BIDDER - Dibco Underground, Inc., Bolton, Ontario, Canada**      \$10,181,295.70 – Not evaluated  
79.84% Non M/WBE prime participation; 2.87% MB; 10.38% MH; 0.65% NA; 6.25% WBE; 0.0% Non  
M/WBE subcontractor participation.

## CIP FISCAL NOTE

**DATE OF COUNCIL CONSIDERATION:**  
**WHERE ON AGENDA:**  
**DEPARTMENT:**

5/27/2004  
Resolution  
Austin Water Utility

**DESCRIPTION:**

Authorize execution of a construction contract with W. L. HAILEY AND COMPANY, INC., Nashville, TN, for the Austin Clean Water Program - Shoal Creek Wastewater Improvements, 29th to 34th Street Tunnel in the amount of \$8,917,265.85 plus a \$891,726 contingency, for a total contract amount not to exceed \$9,808,991.85.

**FINANCIAL INFORMATION:**

Parent Project Name:	Wastewater Unfunded Future
Project Authorization:	2003-04 Approved Capital Budget
Funding Source:	Commercial Paper
Number:	4570 237 2017

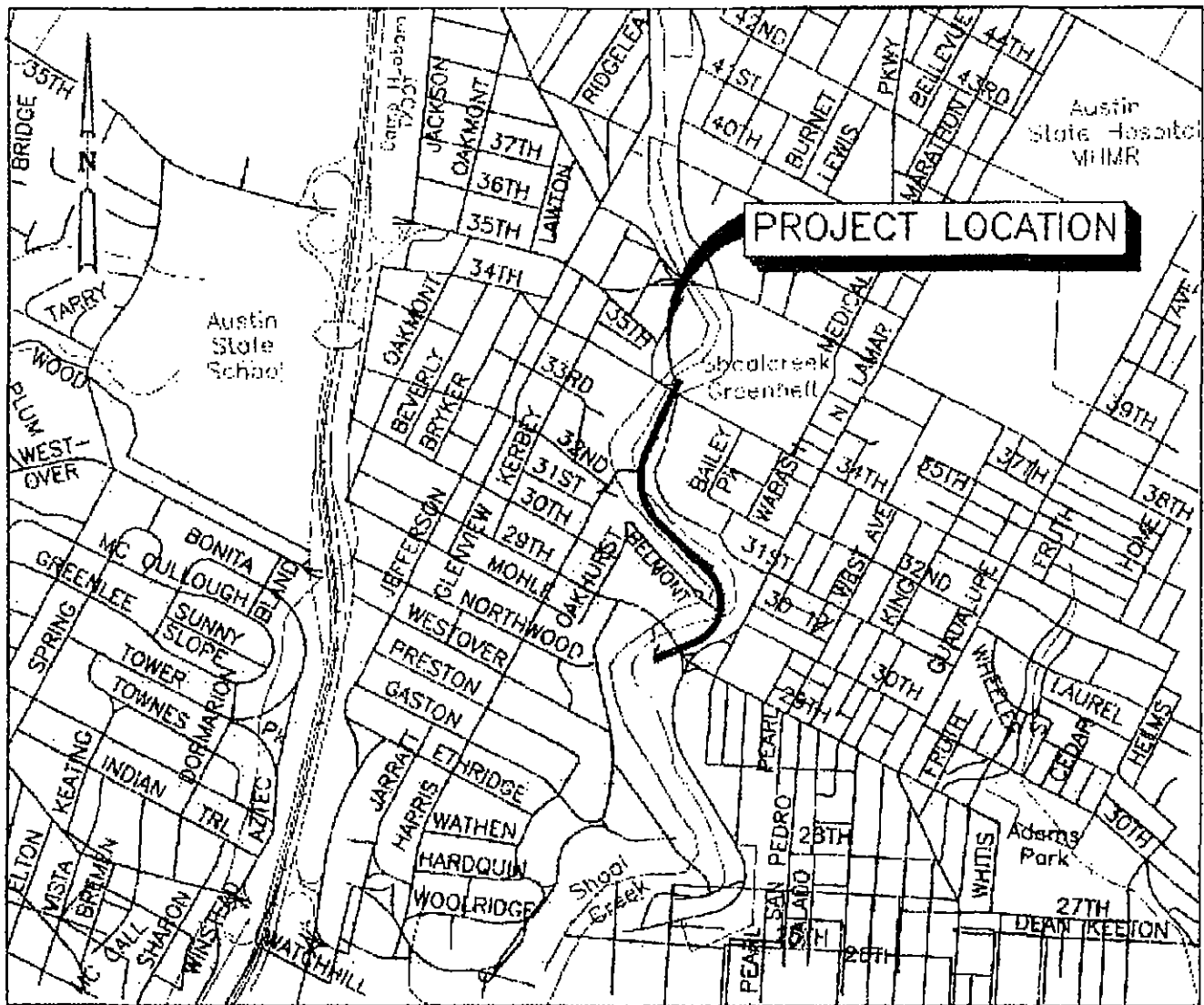
Current Appropriation	\$ 410,907,293.00
Unencumbered Balance	161,715,763.50 *
Amount of This Action	<u>(9,808,991.85)</u>
Remaining Balance	<u>\$ 151,906,771.65</u>
 Current Available Balance	 \$ 185,983,586.88
Less Outstanding Commitments	<u>(24,267,823.38)</u>
Estimated Unencumbered Balance	<u>\$ 161,715,763.50 *</u>

Utility Finance:   
David Anders, Utilities Finance Manager

Date: 5/6/04

REF. #4570 237 8584

# acwp



CITY GRIDS: H25, J25

LOCATION MAP

N.T.S.

**AUSTIN CLEAN WATER PROGRAM**  
**SHOAL CREEK WASTEWATER IMPROVEMENTS**  
**29TH TO 34TH STREET TUNNEL C.I.P. NO. 4570-237-8584**  
**PROJECT LOCATION MAP**