



**RCA
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

AGENDA ITEM NO.: 43
AGENDA DATE: Thu 12/16/2004
PAGE: 1 of 2

SUBJECT: Approve ratification of change order #9 to the construction contract with AUSTIN ENGINEERING COMPANY, INC., Austin, TX, for street reconstruction and utility improvements on 30th Street from Speedway to Lamar in the amount \$263,875.12, for a total contract amount not to exceed \$2,323,095.78.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$263,875.12 is available in the Fiscal Year 2004-2005 Capital Budget of the Public Works Department.

FISCAL NOTE: A fiscal note is attached.

REQUESTING Public Works **DIRECTOR'S**
DEPARTMENT: for Public Works; **AUTHORIZATION:**

FOR MORE INFORMATION CONTACT: Mark Schruben, 974-7048; Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: Authorization of construction contract with Austin Engineering Company, Inc. on 1/08/04.

BOARD AND COMMISSION ACTION: N/A

PURCHASING: N/A

MBE / WBE: 9.72% MBE and 12.54% WBE subcontractor participation including this change order.

The project consists of full-depth reconstruction of 30th Street, between Lamar and Speedway, including curb and gutter, sidewalk, driveway, waterline replacement, wastewater line replacement, utility adjustments, and pavement marking. The work is ongoing on West 30th between Lamar and Guadalupe, and is anticipated to be complete by mid-February, 2005. The Contract allows for 256 working days.

This change order is necessary to allow for unforeseen conditions. Additional sidewalks, curb ramps, curb and gutter, driveway and pavement are in need of reconstruction and were not included in the original scope of work.

DATE	CO#	DESCRIPTION	AMOUNT	CO%	TOTAL
01/26/04		Original Contract	\$1,927,069.65		
Contingency	1	Revise Sequence of Construction	\$0.00	0%	0%
Contingency	2	Pressure tap on existing waterline	\$2,500.00	0.13%	0.13%
Contingency	3	Relocate bore pit to avoid storm water line	\$21,542.19	1.12%	1.25%
Contingency	4	Replace additional curb and gutter in phase 1	\$38,800.00	2.01%	3.26%
Contingency	5	Replace meter boxes	\$10,698.00	0.56%	3.82%
Contingency	6	West Drive realignment	\$23,482.70	1.22%	5.03%
Contingency	7	Electronic message board, replace storm water line	\$8,816.44	0.46%	5.49%
Contingency	8	Inlet, culvert, and manhole adjustments,			

RCA Serial#: 7309 Date: 12/16/04 Original: Yes

Published:

Disposition:

Adjusted version published:



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	& repairs	\$26,311.68	1.37%
6.86%			
Proposed 9	Curb & gutter, driveway, sidewalk, curb ramps	<u>\$263,875.12</u>	<u>13.69%</u> <u>20.55%</u>
TOTAL		\$2,323,095.78	

Subcontractor participation stated in the original approved compliance plan was 1.77% African American (MB); 9.6% Hispanic (MH); 0% Native American (MN); 0.35% Asian American (MA), 12.36% WBE. Total participation for this change order:

NON M/WBE TOTAL – PRIME	\$139,900.08	53.02%
Austin Engineering Company, Inc., Austin, Texas	\$139,900.08	53.02%
<u>WBE TOTAL – SUBCONTRACTORS</u>	<u>\$18,578.98</u>	<u>7.04%</u>
N-Line Traffic Maintenance, Austin, Texas (Traffic Control)	\$13,078.98	4.96%
J. Deanda Trucking, Del Valle, Texas (Hauling)	\$5,500.00	2.08%
NON M/WBE TOTAL – SUBCONTRACTORS	\$105,396.06	39.94%
J.D. Ramming Paving, Austin, Texas (Paving)	\$22,929.66	8.69%
A Greater Austin Development, Austin, Texas (Concrete Work)	\$82,466.40	31.25%

Overall subcontractor participation, including this change order: 1.47% MB; 7.96% MH; 0% MN; 0.29% MA; 12.54% WBE and 22.58% Non M/WBE.



MEMORANDUM

TO: Mayor and Council

FROM: Sondra Creighton, P.E., Director
Public Works Department

DATE: December 8, 2004

SUBJECT: Ratification RCA for Austin Engineering Company, Inc., for the Street Reconstruction and Utility Improvements on 30th St. from Lamar to Speedway – 12/16/04 Council Agenda

This is to provide you with further information concerning ratification RCA for execution of a change order in the amount of \$263,875.12, with Austin Engineering Company, Inc., for the Street Reconstruction and Utility Improvements on 30th St. from Lamar to Speedway that is on the December 16, 2004 Council Agenda.

Previous change orders were primarily for changes caused by unforeseen conditions and utility conflicts in phase 1 of the construction, from Guadalupe to Speedway. Additional unforeseen conditions in phase 2, from Lamar to Guadalupe, have created the need for additional change order authority. These conditions became apparent immediately after excavation of the first portion of phase 2, and were not readily apparent during the design and utility coordination phases of the project. The conditions needing correction are curb and gutter, driveways, and sidewalks.

The plans called for replacement of only portions of the existing sidewalks where cracked, broken, or not in compliance with ADA/TAS for the proposed accessible route. It was not intended that all sidewalks would be replaced. When the damaged portions of the sidewalks were demolished it was discovered that the old sidewalks were only ½" thick concrete over compacted cement stabilized base. Attempts at tying into these old, very thin sections of concrete proved unsuccessful, therefore replacement of more sidewalks became necessary.

The plans called for replacement of only the broken or structurally compromised existing curb and gutter, not all of it. When the contractor excavated the pavement it was discovered that the existing curb was just a stand-up curb, with no gutter. During the design phase the engineer assumed that the curbs had gutters, but that they had been covered up over the years with asphalt overlays and seal-coat projects. We don't normally pot-hole gutters to see if they are there during design. After the excavation was done, the stand up curb fell over into the open excavation. It needed to be replaced with


new curb and gutter, thus requiring an increase in the quantity for curb and gutter, as well as base that will be placed under the new curb and gutter.

Most of the existing driveways in the first portion of phase 2 did not have gutters and stopped flush with the face of the stand-up curbs. These need to be replaced, just like the old stand-up curbs.

Some curb ramps were added to the first portion of phase 2 in order to better achieve compliance with TAS/ADA. Texas Department of Licensing and Regulation's interpretation of their Standard (TAS) has changed somewhat since this project was permitted. The relatively small cost of a few additional curb ramps will greatly enhance handicapped accessibility for this project.

In order to reduce the impact of construction on the neighborhood and traveling public, the contractor was directed to proceed with the changes, and that quantity adjustments would be made to his contract when additional authority was obtained. Stopping work after excavation of the first portion of phase 2 would have delayed the end date of construction and incurred additional costs to the City for contractor overhead and re-mobilization. Approximately \$30,000 of the work in the proposed change order has already been completed by the contractor.

Please contact me at 974-7175 if you have any questions concerning this matter or if you would like a more in-depth briefing.


Sondra Creighton, P.E., Director
Public Works Department

cc: Toby Hammett Futrell, City Manager
Joe Canales, Deputy City Manager
Chris Lippe, P.E., Austin Water Utility Department

**CIP BUDGET
FISCAL NOTE**

DATE OF COUNCIL CONSIDERATION: 16-Dec-04
WHERE ON AGENDA: Resolution
DEPARTMENT: Public Works Department

DESCRIPTION: Approve a ratification of Change Order #9 to the construction contract with AUSTIN ENGINEERING COMPANY, INC., Austin, TX, (Non M/WBE Prime) for Street Reconstruction and Utility Improvements on 30th Street from Speedway to Lamar in the amount \$263,875.12, for a total contract amount not to exceed \$2,323,095.78.

FINANCIAL INFORMATION:

Project Name: 30th Street from Speedway to Lamar
Project Authorization: 2004-2005 Approved Capital Budget
Funding Source: 1998 GO Bonds P1
Fund/Agency/Orgn: 8780-607-1800

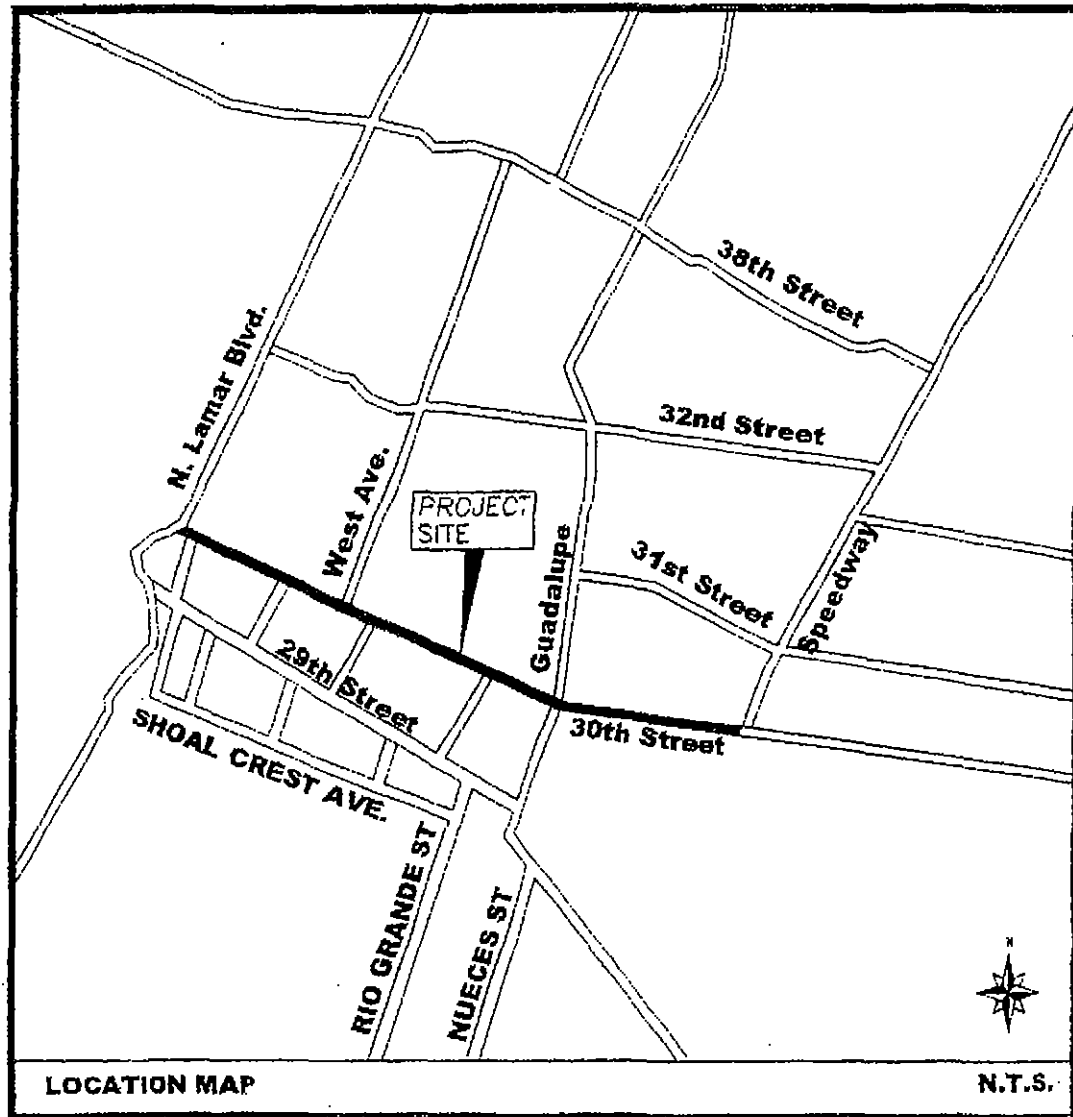
Total Current Appropriation	\$73,270,000.00
Unencumbered Balance	\$11,064,888.00
Amount of this Action	<u>(\$263,875.12)</u>
Estimated Available	<u><u>\$10,801,012.88</u></u>

Ref: 8780-607-1857

Financial Approval: Rusty Cobern Date: November 29, 2004

Street Reconstruction and Utility Adjustments
30th Street Reconstruction
North Lamar Blvd. to Speedway

CIP ID 5406.001



LOCATION MAP
30th Street Reconstruction
Austin, Tx