



City Council Meeting Agenda
June 22, 2004 Meeting

Agenda Item#: _____

Department: Engineering

Resolution / Ordinance # _____

Agenda Item:

Authorize an Amendment to the Design Contract for North Drive.

RECOMMENDATION:

- Approve the amendment to the North Drive design contract with Martinez, Wright & Mendez, Inc. in the amount of \$7,635.

DESCRIPTION/JUSTIFICATION:

The design firm of Martinez, Wright & Mendez, Inc. (MWM) has submitted a proposal to the City of Taylor for revising the design and providing design options for the North Dr. box culvert crossing at Bull Branch. The following tasks were included in the revisions:

- Revised drainage calculations to reflect upstream conditions
- Evaluated the performance of a number of different box culvert configurations under the revised drainage conditions
- Redesigned the box culverts, roadway, and surrounding channel work to fit an enlarged box configuration within the construction limits.
- Prepared 3 bid options for the box culverts

MWM has already completed these items. To avoid delaying the bid openings for the construction contract, MWM agreed to complete the work and seek Council authorization after the fact. A copy of the proposal is attached.

FINANCIAL/BUDGET:

MWM proposes to provide the additional services for \$7,635 (see attached proposals). The current contract total is \$316,194; with the additional services the contract total will be \$323,829. (Note that the design of the 24-inch water main along FM 397 which was constructed in 2000 is also a part of this contract with MWM.)

The additional services are paving and drainage issues, therefore the 1998 G.O. Bonds must be used to fund the amendment.



June 15, 2004

Mr. Casey Sledge, PE
City of Taylor
400 Porter Street
PO Box 810
Taylor, Texas 76574

RE: North Drive Improvements
Proposal for Additional Engineering Services

Enclosures: Attachment A: Martinez, Wright and Mendez Fee Breakdown

Dear Mr. Sledge,

As requested, Martinez, Wright & Mendez, Inc. (MWM), proposes to provide additional professional engineering services to the City of Taylor for the completion of the North Drive Improvements project. These proposed services will be in addition to those provided in our contract dated July 29, 1998. A description of the proposed services is as follows.

Box Culverts Revisions at North Drive and Bull Branch

MWM was requested to realign the box culverts to accommodate less easement taking per comments received at 95% submittal and to protect corner of private property.

Prepare drainage calculations for resizing the box culverts after MWM was made aware that the City of Taylor did not intend to build a regional detention pond per Raymond Chan and Associate's previous drainage report recommendations. MWM shall revise the drawings, cost estimate, and bid tab to indicate add alternates per City of Taylor directions.

Fee Summary

MWM proposes the professional survey and engineering services above for a total additional fee of \$7,635.00, as summarized below.

Please call with any questions or comments. We look forward to providing these services to the City of Taylor, and to completing the North Drive project with you.

Respectfully submitted,

Roberto O. Martinez, PE
President
Martinez, Wright & Mendez, Inc.

CHEVY CHASE ONE
7700 Chevy Chase Drive
Suite 100, Austin, Texas 78752
tel) 512.453.0767 fax) 512.453.1734

5/7/04

**Breakdown of Fees
Martinez, Wright and Mendez, Inc.**

	Principal Engineer	Engineer/ Arch / Planner	Graduate Eng/Arch	Technician	Clerical/ Admin	
Box Culverts at Bull Branch						
Alignment of box culvert to protect property corner	2		3.5	7		\$ 1,065.00
Calculations for resizing after City decided not to built detention ponds per RCA recommendations; plan and profile changes associated with new box culvert design	8		10	24		\$ 3,620.00
Revise cost estimate and bid tab for alternates	6	16	3		4	\$ 2,950.00
Box Culverts - Subtotal						\$ 7,635.00
Subtotal	16.00	16.00	16.50	31.00	4.00	\$ 7,635.00

Expenses
Prints/Copies
deliveries/ fed ex
Subtotal - Expenses

\$ -

\$ 7,635.00

Total Fee