

AGENDA 19

088

Discuss and consider taking action on final plat of Vista Oaks, phase 6C. (Pct 3)

Moved: **Commissioner Hays**

Seconded: **Judge Doerfler**

Motion: To approve final plat of Vista Oaks, phase 6C subject to receipt of directors deeds being transferred to the MUD.

Vote: 5 - 0

AGENDA 20

Discuss and consider taking action on final plat of Cowan's Corner. (Pct 4)

Moved: **Commissioner Limmer**

Seconded: **Commissioner Heiligenstein**

Motion: To approve final plat of Cowan's Corner. Pct 4

Vote: 4 – 0 Commissioner Hays absent from the dais.

AGENDA 21

Discuss and consider taking action on final plat of River's Crossing, phase 1. (Pct 4)

Moved: **Commissioner Limmer**

Seconded: **Judge Doerfler**

Motion: To approve final plat of River's Crossing, phase 1. Pct 4 Subject to a 10-foot wide road easement on the lots next to FM 1660.

Vote: 3 – 1 with Commissioner Heiligenstein opposing and Commissioner Hays absent from the dais.

AGENDA 22

Consider approving additional services to Martinez, Wright & Mendez for Co. Rd. 122.

Moved: **Commissioner Limmer**

Seconded: **Commissioner Heiligenstein**

Motion: To approve additional services to Martinez, Wright & Mendez for CR 122.

Vote: 4 – 0 Commissioner Boatright absent from the dais.

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AMENDMENT No. 2 TO PROFESSIONAL SERVICES AGREEMENT

089

Date: April 5, 2000
Project: County Road 122
Owner: Williamson County Road and Bridge
Client: Williamson County Road and Bridge
Contact: Mr. Joe England, P.E.
Address: Williamson County
Unified Road System
1900 Inner Loop, Suite B
Georgetown, Texas 78626
Attachments: Exhibit 1, Exhibit 2
Phone: (512) 930-3330
Fax: (512) 930-3335

.....
Martinez, Wright and Mendez, Inc. (MWM) hereby submits the following amendment to the basic Professional Services Agreement dated 10/30/1998:

Scope of Services: Redesign of Roadway Section from 36 feet in width to 40 feet in width

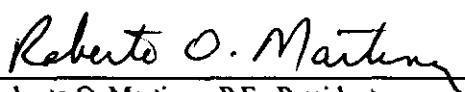
1. MWM will adjusted the design of CR 122 from US 79 to CR 113 from the current design section of 30 feet to a design section of 40 feet, 1 foot shoulders with two 12 foot lanes and a 14 foot left turn lane.
2. MWM will adjust the roadway geometry and superelevation to accommodate the section change and meet AASHTO criteria.
3. MWM will adjust the roadway cross sections to reflect the roadway section changes.
4. MWM will adjust the bid quantities and Engineer's Estimate of Construction Value.

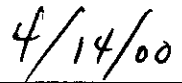
Fee:

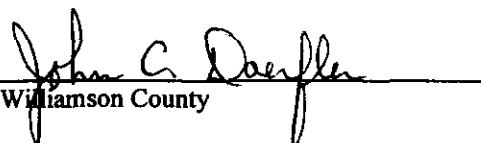
MWM will perform the preceding services at the hourly rates shown on Exhibit 1, not to exceed \$12,500. Exhibit 2 shows the estimated hours needed to complete the additional services outlined above.


MWM submits a total for these additional services of \$12,500.00.

APPROVED:


Roberto O. Martinez, P.E., President
Martinez, Wright and Mendez, Inc.


Date


Williamson County


Date

Engineering Hours Required To Redesign From Two Lanes to Three Lanes.

Sheet Number	Project Manager	Graduate Engineer II	Technician	Clerical
C001	0	0	0	0
C002	0.3	3	3	0
C003	0.3	4	4	0
C004	0.3	3	4	0
C005	0.3	3	3	0
C101	0.2	3	3	0
C102	0.2	3	3	0
C103	0.2	3	3	0
C104	0.2	3	3	0
C105	0	1	1	0
C106	0	1	1	0
C107	0	1	1	0
C108	0	1	1	0
C109	0	0.4	1	0
C110	0	0.4	1	0
C111	0	0.4	1	0
C112	0	0.4	1	0
C201	0	0.4	4	0
C301	0.7	2	4	0
C302	0.7	2	4	0
C303	0.7	2	4	0
C304	0.7	2	4	0
C305	0.7	2	4	0
C306	0.7	2	4	0
C401	0.8	2	4	0
C501	0.3	2	6	0
C502	0.3	2	6	0
C503	0.4	2	6	0
C504	0	2	2	0
C505	0	2	2	0
C506	0	2	2	0
C507	0	2	2	0
C508	0	1	2	0
C509	0	1	2	0
C510	0	1	2	0
C511	0	1	2	0
C512	0	1	2	0
Standards Review	6	16	0	0
	14	80	102	0

Project Manager	\$95.00	14	\$1,330.00
Grad. Engineer II	\$70.00	80	\$5,600.00
Technician	\$55.00	102	\$5,610.00
Clerical	\$40.00	0	\$0.00

Total= \$12,540.00

- Say \$12,500

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MARTINEZ, WRIGHT AND MENDEZ, INC.
Engineering, Architecture and Surveying
1106 Clayton Lane, Suite 400W
Austin, Texas 78723

HOURLY BILLING RATES

Valid As of

4/5/00

PRINCIPAL	\$ 105
SENIOR ENGINEER/PROJECT MANAGER	\$ 95
LICENSED ENGINEER / ARCHITECT	\$ 85
R.P.L.S.	\$ 85
GRADUATE ENGINEERS & ARCHITECTS	\$ 70
TECHNICIAN	\$ 55
GPS FIELD UNIT(Receiver, Operator, Vehicle, etc)	\$ 100
GPS PROCESSING	\$ 60
3-MAN SURVEY CREW	\$ 115
2-MAN SURVEY CREW	\$ 90
CLERICAL	\$ 40

REIMBURSABLES = @ cost plus 10%

These represent hourly billing rates for Martinez, Wright & Mendez, Inc and are valid for one year only.

Williamson County - County Road 122

Final Engineer's Estimate of the Construction Value of Work - based on plans dated 4/10/00

Prepared by Roberto O. Martinez, P.E.

County Road 122 Quantities

BID QUANTITIES

Item	Description	Quantity	Unit	Unit Price	Total
100 0501	Preparing Right of Way	12.4	Ac	\$4,000.00	\$49,600.00
105-0001	Removing Existing Asphaltic Concrete Pavement and Base (6") and reuse as embankment (Class 2)	12000	SY	\$1.00	\$12,000.00
110 0504	Excavation & Reuse as Embankment	4000	CY	\$8.00	\$32,000.00
132 0518	Embankment (Ordinary Compaction)(Type B)(Class 3)	4000	CY	\$20.00	\$80,000.00
160 0506	Furnish and Place Topsoil (Class 2)(4")	36000	SY	\$1.10	\$39,600.00
164 0505	Cellulose Fiber Mulch Seeding (Bermuda)	36000	SY	\$0.51	\$18,360.00
247-0001	14" Flexible Base, (Complete in Place)(Type A)(Grade 2)(Class 5) and Preparation of Subgrade	25675	SY	\$11.85	\$304,248.75
340-0001	2" HMAC, Type D	25100	SY	\$4.50	\$112,950.00
402 0501	Trench Excavation Protection (all Depths)	1110	LF	\$5.00	\$5,550.00
460-0514	CMP (Galanized Steel Design 5)	780	LF	\$48.00	\$37,440.00
464 0503	Reinforced Concrete Pipe(CL III)(18")	30	LF	\$50.00	\$1,500.00
464 0505	Reinforced Concrete Pipe(CL III)(24")	300	LF	\$55.00	\$16,500.00
467 0676	Safety End Treatment (Tyoe II)(18")(RCP)(4:1)	2	EA	\$1,000.00	\$2,000.00
467 0677	Safety End Treatment (Tyoe II)(24")(RCP)(4:1)	18	EA	\$1,250.00	\$22,500.00
467 5151	Safety End Treatment (Tyoe II)(Design 5)(CMP)(6:1)	12	EA	\$2,000.00	\$24,000.00
500 0501	Mobilization	1	LS	\$25,000.00	\$25,000.00
502 0501	Barricades, Signs, and Traffic Handling	6	Mo	\$1,000.00	\$6,000.00
644 0501	Small Roadside Sign Assemblies (Type A)	27	EA	\$250.00	\$6,750.00
649 0504	Relocate Small Raodside Assembly	3	EA	\$300.00	\$900.00
666 0501	Ref. Pav. Markings Type I (White)(4")(Solid)	10100	LF	\$1.20	\$12,120.00
666 0509	Ref. Pav. Markings Type I (White)(12")(Solid)	175	LF	\$2.30	\$402.50
666 0512	Ref. Pav. Markings Type I (White)(24")(Solid)	45	LF	\$4.60	\$207.00
666 0513	Ref. Pav. Markings Type I (White)(Arrow)	2	EA	\$75.00	\$150.00
666 0524	Ref. Pav. Markings Type I (Yellow)(4")(Solid)	10100	LF	\$1.20	\$12,120.00
666 0525	Ref. Pav. Markings Type I (Yellow)(4")(Broken)	9800	LF	\$0.50	\$4,900.00
666 0530	Ref. Pav. Markings Type I (Yellow)(12")(Solid)	500	LF	\$3.00	\$1,500.00
5005-0504	Rock Filter Dam (Type 2)	650	LF	\$12.00	\$7,800.00
5010-0001	Construction Exit (Type 4)	2	LS	\$1,600.00	\$3,200.00
5249-0501	Temporary Sediment Control Fence	2500	LF	\$2.50	\$6,250.00
5600-0001	Tree Protection Fencing	1	LS	\$3,000.00	\$3,000.00

Total Estimate Construction Value = \$848,548.25

Consider approving agreement with Martinez, Wright & Mendez for work on CR 100 (funded from CO's) (Pct 4)

Moved: **Commissioner Limmer**

Seconded: **Commissioner Heiligenstein**

Motion: To approve agreement with Martinez, Wright & Mendez for work on CR 100(funded from CO's) (Pct 4)

Vote: 4 – 0 Commissioner Boatright absent from the dais.

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April 25, 2000

**Judge John Doerfler
Second Floor
Williamson County Courthouse
Georgetown, TX 78626**

**Project: County Road (CR 100) Improvements
Williamson County**

**Subject: Scope of Services and Fee Proposal
Engineering Design and Surveying Services**

1. INTRODUCTION

Project Scope: The firm of Martinez, Wright & Mendez (MWM) Inc., will provide Engineer design and surveying services for the improvements of County Roads – CR100 from CR1660 west and north to approximately 3,300 ft. south of CR107. Improvements consist of reconstructing existing 20 ft. wide paved road to two – 12 ft. lanes with one ft. paved shoulder and 2 ft. unpaved shoulders and minor improvements to existing storm drainage ditches for 9,350 ft. General Criteria to consider are as follows:

- a. Design basis: AASHTO
- b. Design storm year: 25 years
- c. Design speed: 40 mph
- d. Design roadway cross section: 2 – 12 ft. lanes with 1 ft. paved shoulders and 2 ft base shoulder & side ditches
- e. Pavement type: HMAC, and flexible base
- f. Final Right-of-way width: as existing

2. SURVEYING SERVICES

Surveying services will be limited to the area within the existing Right-of-way of CR 100 as approximately shown on Exhibit "2" dated 3/15/00 and will be provided in accordance with the following: