

AGENDA ITEM #24

131
120

Consider approving agreement with TxDot for Anderson Mill Rd. Project from Pond Springs Rd. To FM 734.

Moved: **Commissioner Heiligenstein**

Seconded: **Judge Doerfler**

Motion: To approve agreement with TxDot for Anderson Mill Rd Project from Pond Springs Rd. to FM 734.

Vote: 5 - 0

<Clerk copy here>

Turner Collie & Braden Inc.

Engineers • Planners • Project Managers

400 West 15th Street
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March 22, 2000

Mr. Wes Burford, P.E.
Design Engineer
TxDOT – Austin District
7901 North IH 35
P.O. Drawer 15426
Austin, Texas 78761-5426

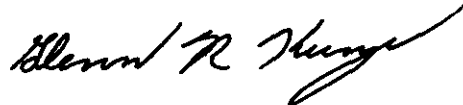
Re: Supplemental Work Authorization No. 7 to Work Authorization No. 2
Anderson Mill Road
CSJ 0914-05-072
Contract #14545-P5009
Turner Collie & Braden Inc. Project No. 72-07401-070

Dear Mr. Burford:

Attached is revised Supplemental Work Authorization No. 7 to Work Authorization No. 2 to provide additional services for the Anderson Mill Road Project. This will consist of redesign and relocation of Pond No. 1, additional surveying for Pond No. 3, design of a trunk main for the Osborne Street subdivision outfall, analysis and reconfiguration, if appropriate, of the median at the Stanzel Tract and miscellaneous services to tie in currently developed storm sewer lines. The cost of services for this Supplemental Work Authorization No. 7 is \$55,643. Two original signed supplemental agreements are attached. If you concur, please execute both documents and return one original for our files.

Please call me if you have any questions.

Very truly yours,



Glenn R. Kunze, P.E.
Principal

xc: Joel Schramm, Don Morris, file 2.1

Attachment

EN7401070\grk-32100\trswa7.doc

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Engineering Excellence for Over One-Half Century



TEXAS AUSTIN/DALLAS/FORT WORTH/HOUSTON/RIO GRANDE VALLEY/SAN ANTONIO COLORADO DENVER

Contract No. 14545P5009
Account No.

**SUPPLEMENTAL WORK AUTHORIZATION NO.7
TO WORK AUTHORIZATION NO. 2**

THIS SUPPLEMENTAL WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 6 Contract No. 14545P5009, hereinafter identified as the "Contract," entered into by and between the State of Texas, acting by and through the Texas Department of Transportation ("State"), and Turner Collie & Braden Inc. ("Engineer").

WHEREAS, the State and the Engineer executed Work Authorization No. 2 starting October 10, 1996, to prepare design plans and documents for construction of Anderson Mill Road from US 183 to FM 734; and

WHEREAS, Part 2 limits the maximum amount payable for services under this Work Authorization to \$854,162.58, as amended by Supplemental Work Authorization No. 4; and

WHEREAS, it has become necessary to amend the contract to increase the scope of services and the maximum amount payable to redesign and relocate Pond No. 1, provide additional survey for Pond No. 3, tie in and convey the Osborne Drive subdivision drainage, and to review and make median modifications to the completed plans at the Stanzel Property.

THEREFORE, the following terms and conditions of Work Authorization No. 2 are hereby amended, as follows:

1. Part 1 of Attachment E, shall be revised to read:

"The Engineer will perform the following engineering services:

(SEE EXHIBIT A, A1, A2, A3 and A4)"

2. PART 2 of ATTACHMENT E shall be revised to read:

"These engineering services will be performed on a lump sum basis. The maximum amount payable for services under this Work Authorization is \$909,805. This amount is based upon the following budget:

(SEE EXHIBITS B, B1, B2, B3 and B4)"

THIS SUPPLEMENTAL WORK AUTHORIZATION SHALL BECOME EFFECTIVE ON THE DATE OF FINAL EXECUTION OF THE PARTIES HERETO. ALL OTHER TERMS AND CONDITIONS OF WORK AUTHORIZATION NO. 2 NOT HEREBY AMENDED ARE TO REMAIN IN FULL FORCE AND EFFECT.

THE ENGINEER

THE STATE OF TEXAS

By: Glenn R. Kunze

By: _____

Glenn R. Kunze, P.E.
Typed or Printed Name

William C. Garbade, P.E.
Typed or Printed Name

Principal
Title

District Engineer
Title

3/22/00
Date

Date

APPROVED BY WILLIAMSON COUNTY COMMISSIONER'S COURT, APRIL 4, 2000

John C. Doerfler 4-4-00
John C. Doerfler, County Judge

**EXHIBIT A4
SCOPE OF SERVICES
ANDERSON MILL ROAD
SUPPLEMENTAL AGREEMENT NO. 7**

This agreement will consist of revising the existing plans, quantities, estimates, R.O.W. documents and additional hydraulic studies for the proposed Anderson Mill Road. Specific tasks in the Scope of Work are as follows:

RELOCATE & REDESIGN POND # 1

This task consists of the relocation and reconfiguration of Filtration/Sedimentation Pond No. 1. The owner of the property on which the pond is located has requested that the pond be relocated to the east, closer to the east property line. The County has requested that this pond be relocated onto the adjacent property to the east as much as possible. The scope for this work follows:

1. Water Quality Pond Summary
 - Revise sheet to show quantities of Pond # 1 at new location
2. Pond # 1 Layout
 - Create plan sheet showing Pond # 1 at the new location with the new design
3. Water Quality Pond Details
 - Redesign junction box showing new dimensions to accommodate the redesigned and relocated Pond # 1
4. Storm Sewer P & P
 - Show new location of Pond # 1 and its junction box
5. Survey and R.O.W. Maps
 - Produce easement description and exhibits for relocated Pond # 1. (Possibly 2 documents)
 - Modify R.O.W. map to show new Pond # 1 easements and delete old easement.
 - Provide design survey for the new site.

ADDITIONAL SURVEY POND NO. 3

1. Pond No. 3 Survey – Due to limiting effects of previously relocated Pond No. 3 on flood plain, additional area required survey on the site.

STORM SEWER TRUNK LINE DESIGN

1. Design storm sewer trunk line system within Anderson Mill Road ROW, from Osborne Drive subdivision to East Lake Creek Tributary, to out-fall developers pipe, which currently out-falls into proposed ROW.
2. Revise storm sewer plans to include new PVC pond out-fall from development on the northeast corner of Morris Drive and Anderson Mill Road.

MEDIAN REVISIONS

1. Analyze and provide, if appropriate, for median revisions as shown by KC Engineering for the Stanzel Tract, between Clearbrooke Trail and Saddlebrooke Trail.

**EXHIBIT B4
SUMMARY SHEET**

TASK	COST
Relocate & Redesign Pond No. 1	\$32,395.12
Additional Survey Pond No. 3	\$1,506.88
Storm Sewer Trunk Line Design	\$12,970.74
Median Revisions	\$8,769.79
GRANDE TOTAL	\$55,642.53

**EXHIBIT B4
RELOCATE & REDESIGN POND #1
ENGINEERING PROPOSAL**

Redesign Pond at new location and produce new layout sheet

CLASS	MH/SHT	SHTS	MH	RATE	COST
Manager	25	1	25	\$35.00	\$875.00
Engineer	130	1	130	\$22.00	\$2,860.00
Technician	130	1	130	\$15.00	\$1,950.00
Clerical	15	1	15	\$12.50	\$187.50
Subtotal			300		\$5,872.50

Redesign Pond Splitter Box and revise structural detailing

CLASS	MH/SHT	SHTS	MH	RATE	COST
Manager	8	1	8	\$35.00	\$280.00
Engineer	44	1	44	\$22.00	\$968.00
Technician	42	1	42	\$15.00	\$630.00
Clerical	6	1	6	\$12.50	\$75.00
Subtotal			100		\$1,953.00

LABOR & OVERHEAD SUMMARY

TASK	MH	DIRECT LABOR	OVERHEAD (166.55%)	FIXED FEE	TOTAL
Layout	300	\$5,872.50	9780.85	\$1,878.35	\$17,531.50
Details	100	\$1,953.00	3252.72	\$624.68	\$5,830.40
TOTAL	400	\$7,825.50	\$13,033.37	\$2,503.03	\$23,361.90

NON-LABOR

TASK	UNITS		COST/UNIT		TOTAL
Mileage(per mi.)	150	x	\$0.32	=	\$47.25
Telephone/Fax(per call)	8	x	\$1.73	=	\$13.84
Mylar(per sheet)	13	x	\$18.00	=	\$234.00
Bluelines(per sheet)	26	x	\$0.60	=	\$15.60
Workstation(per hour)	64	x	\$14.00	=	\$896.00
Xerox(per copy)	15	x	\$0.06	=	\$0.90
Deliveries(each)	3	x	\$10.00	=	\$30.00
TOTAL					\$1,237.59

SUBCONTRACTS

S.A.M. Inc.	(Surveying)	\$5,000.00
C.P.Y.	(Storm Sewer Revisions)	\$2,795.63

TOTAL **\$32,395.12**

**EXHIBIT B4
ADDITIONAL SURVEY POND NO. 3
ENGINEERING PROPOSAL**

Provide additional survey for Pond No.1

CLASS	MH/SHT	SHTS	MH	RATE	COST
Manager	1	1	1	\$35.00	\$35.00
Engineer	2	1	2	\$22.00	\$44.00
Technician	0	1	0	\$15.00	\$0.00
Clerical	1	1	1	\$12.50	\$12.50
Subtotal			4		\$91.50

LABOR & OVERHEAD SUMMARY

TASK	MH	DIRECT LABOR	OVERHEAD (166.55%)	FIXED FEE	TOTAL
Coordination	4	\$91.50	152.39	\$29.27	\$273.16
TOTAL	4	\$91.50	\$152.39	\$29.27	\$273.16

NON-LABOR

TASK	UNITS		COST/UNIT		TOTAL
Mileage(per mi.)	0	x	\$0.32	=	\$0.00
Telephone/Fax(per call)	4	x	\$1.73	=	\$6.92
Mylar(per sheet)	0	x	\$18.00	=	\$0.00
Bluelines(per sheet)	0	x	\$0.60	=	\$0.00
Workstation(per hour)	0	x	\$14.00	=	\$0.00
Xerox(per copy)	30	x	\$0.06	=	\$1.80
Deliveries(each)	1	x	\$10.00	=	\$10.00
TOTAL					\$18.72

SUBCONTRACTS

S.A.M. Inc. (Surveying) \$1,215.00

TOTAL \$1,506.88

**EXHIBIT B4
STORM SEWER TRUNK LINE DESIGN
ENGINEERING PROPOSAL**

Design trunk line for Osborne Drive subdivision

CLASS	MH/SHT	SHTS	MH	RATE	COST
Manager	10	1	10	\$35.00	\$350.00
Engineer	18	1	18	\$22.00	\$396.00
Technician	8	1	8	\$15.00	\$120.00
Clerical	2	1	2	\$12.50	\$25.00
Subtotal			38		\$891.00

LABOR & OVERHEAD SUMMARY

TASK	MH	DIRECT LABOR	OVERHEAD (166.55%)	FIXED FEE	TOTAL
Coordination	38	\$891.00	1483.96	\$284.99	\$2,659.95
TOTAL	38	\$891.00	\$1,483.96	\$284.99	\$2,659.95

NON-LABOR

TASK	UNITS		COST/UNIT		TOTAL
Mileage(per mi.)	150	x	\$0.32	=	\$47.25
Telephone/Fax(per call)	8	x	\$1.73	=	\$13.84
Mylar(per sheet)	53	x	\$18.00	=	\$954.00
Bluelines(per sheet)	108	x	\$0.60	=	\$64.80
Workstation(per hour)	50	x	\$14.00	=	\$700.00
Xerox(per copy)	15	x	\$0.06	=	\$0.90
Deliveries(each)	3	x	\$10.00	=	\$30.00
TOTAL					\$1,810.79

SUBCONTRACTS

S.A.M. Inc.	(Surveying)	\$500.00
C.P.Y.	(Storm Sewer Revisions)	\$8,000.00

TOTAL **\$12,970.74**

**EXHIBIT B4
MEDIAN REVISIONS
ENGINEERING PROPOSAL**

Analyze and design median breaks at Stanzel Property

CLASS	MH/SHT	SHTS	MH	RATE	COST
Manager	8	2	16	\$35.00	\$560.00
Engineer	30	2	60	\$22.00	\$1,320.00
Technician	30	2	60	\$15.00	\$900.00
Clerical	2	2	4	\$12.50	\$50.00
Subtotal			140		\$2,830.00

LABOR & OVERHEAD SUMMARY

TASK	MH	DIRECT LABOR	OVERHEAD (166.55%)	FIXED FEE	TOTAL
Design	140	\$2,830.00	4713.37	\$905.19	\$8,448.56
TOTAL	140	\$2,830.00	\$4,713.37	\$905.19	\$8,448.56

NON-LABOR

TASK	UNITS		COST/UNIT		TOTAL
Mileage(per mi.)	150	x	\$0.32	=	\$47.25
Telephone/Fax(per call)	6	x	\$1.73	=	\$10.38
Mylar(per sheet)	13	x	\$4.50	=	\$58.50
Bluelines(per sheet)	26	x	\$0.60	=	\$15.60
Workstation(per hour)	12	x	\$14.00	=	\$168.00
Xerox(per copy)	25	x	\$0.06	=	\$1.50
Deliveries(each)	2	x	\$10.00	=	\$20.00
TOTAL					\$321.23

SUBCONTRACTS

S.A.M. Inc.	\$0.00
C.P.Y.	\$0.00

TOTAL **\$8,769.79**

AGENDA ITEM #25

142

Consider granting final plat approval for Tutor Time Square. (Pct 1)

Moved: **Commissioner Heiligenstein**

Seconded: **Commissioner Limmer**

Motion: To approve granting final plat approval for Tutor Time Square, with 25 ft set back lines instead of 50ft. set back lines to be in compliance to City of Austin.

Vote: 4 - 1 Judge Doerfler voting against

AGENDA ITEM #26

Consider granting final plat approval for Chandler Creek phase 7B. (Pct 4)

Moved: **Commissioner Heiligenstein**

Seconded: **Commissioner Limmer**

Motion: To approve final plat for Chandler Creek phase 7B. (Pct 4)

Vote: 5 - 0

AGENDA ITEM #27

Consider declaring Rocking J Road as a maintained county road. (Pct 4)

Moved: **Commissioner Heiligenstein**

Seconded: **Commissioner Limmer**

Motion: To accept Rocking J Road as a maintained county road. (Pct 4)

Vote: 5 - 0

<Clerk copy here>