



AGENDA

**FORT SMITH BOARD OF DIRECTORS
REGULAR MEETING**

JANUARY 5, 2010 ~ 6:00 P.M.

**FORT SMITH PUBLIC SCHOOLS
SERVICE CENTER
3205 JENNY LIND ROAD**

THIS MEETING IS BEING TELECAST LIVE ON THE CITY CABLE ACCESS CHANNEL 6

INVOCATION AND PLEDGE OF ALLEGIANCE

ROLL CALL

MAYOR'S ANNOUNCEMENTS AND RECOGNITIONS

APPROVE MINUTES OF THE DECEMBER 15, 2009 REGULAR MEETING

CITIZENS FORUM ~ Opportunity to present to the Board of Directors any item of business or other matter which is not already scheduled on the agenda

ITEMS OF BUSINESS:

1. Consent Agenda
 - A. Resolution granting a temporary revocable license for the placement of directional signage in a public right-of-way and authorizing Mayor to execute agreement (*Fort Chaffee Crossing*)
 - B. Resolution accepting completion of and authorizing final payment for the demolition of the building at 115 North 2nd Street (\$6,526.60)
 - C. Resolution accepting bids for the purchase of aggregates, sand, concrete, and asphalt concrete products for 2010 (annual bid)
 - D. Resolution accepting Change Order Number One with Creative Design Pools LLC for the Creekmore Pools PVC Membrane Lining System Project 09-03 (\$3,500.00 and 7 days)

- E. Resolution accepting the bid of and authorizing the Mayor to execute a contract with Forsgren, Inc. for Wet Weather Line Capacity Improvements - South "O" Street (\$542,813.18)
- F. Resolution authorizing additional work with The Burgess Company, Inc. for the Midland Boulevard 30-Inch Water Transmission Line (\$100,989.00)
- G. Resolution authorizing the Mayor to execute an agreement with Hawkins-Weir Engineer, Inc. for the design of Neighborhood Water System Improvements - Haven Hill Service Area (\$47,000.00)
- H. Resolution authorizing the Mayor to execute an agreement with Brixey Engineering & Land Surveying for the design of Neighborhood Water System Improvements - Jack Freeze Service Area (\$50,593.00)
- I. Resolution authorizing the Mayor to execute an agreement with EDM Consultants, Inc. for the design of Neighborhood Water System Improvements - North 66th, Old Greenwood Lane and Duncan Road (\$31,000.00)
- J. Resolution authorizing the Mayor to execute an Amendment Number One with McGuire Engineering, Inc. for engineering construction services for the Wet Weather Line Capacity Improvements - South "O" Street (\$29,840.00)
- K. Resolution authorizing the Mayor to execute Amendment Number Three to Authorization Number One with RJN Group, Inc. for providing engineering services associated with Sanitary Sewer Collection System Sub - Basin 10-2 West (\$88,000.00)
- L. Resolution accepting the bid of and authorizing a contract with Wilson Brothers Construction Company, Inc. for the Sub-Basin 10-2 West Sanitary Sewer Rehabilitation (\$978,486.00)
- M. Resolution authorizing the Mayor to execute an agreement and Authorization Number One with Camp Dresser & McKee, Inc. for providing engineering services associated with the Mill Creek Wastewater Pump Station Wet Weather Improvements (\$89,376.00)
- N. Resolution accepting the bid of and authorizing a contract with Blake Construction Company, Inc. for the Rye Hill Sewer Outfall Phase III (\$1,421,622.00)

- O. Resolution authorizing the Mayor to execute an agreement with Shannon & Wilson, Inc. for providing engineering services associated with Year 2010 post construction monitoring and inspection of the Lake Fort Smith Dam and Reservoir (\$96,297.00)

DIRECTORS FORUM

CITY ADMINISTRATOR'S REPORT

ADJOURN

1A

RESOLUTION NO. _____

**A RESOLUTION GRANTING A TEMPORARY REVOCABLE LICENSE FOR THE
PLACEMENT OF DIRECTIONAL SIGNAGE IN A
PUBLIC RIGHT-OF-WAY
AND
AUTHORIZING MAYOR TO EXECUTE AGREEMENT**

**BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT
SMITH, ARKANSAS, THAT:**

SECTION 1: A Temporary Revocable License is hereby granted to the Fort Chaffee
Redevelopment Authority, their successors or assigns for the placement and maintenance of
directional signage as shown in Exhibit "A" and placed in the public right of-way in the locations
as shown in Exhibit "B."

SECTION 2: The Mayor is authorized to execute the agreement for the above-captioned
Temporary Revocable License.

THIS RESOLUTION ADOPTED THIS _____ DAY OF JANUARY 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

*Approved as to form
JSL
No publication
required*

Memo

To: Dennis Kelly, City Administrator

From: Wally Bailey, Director of Development Services

Date: December 29, 2009

Subject: Temporary Revocable License for the Placement of Directional Signage at Chaffee Crossing

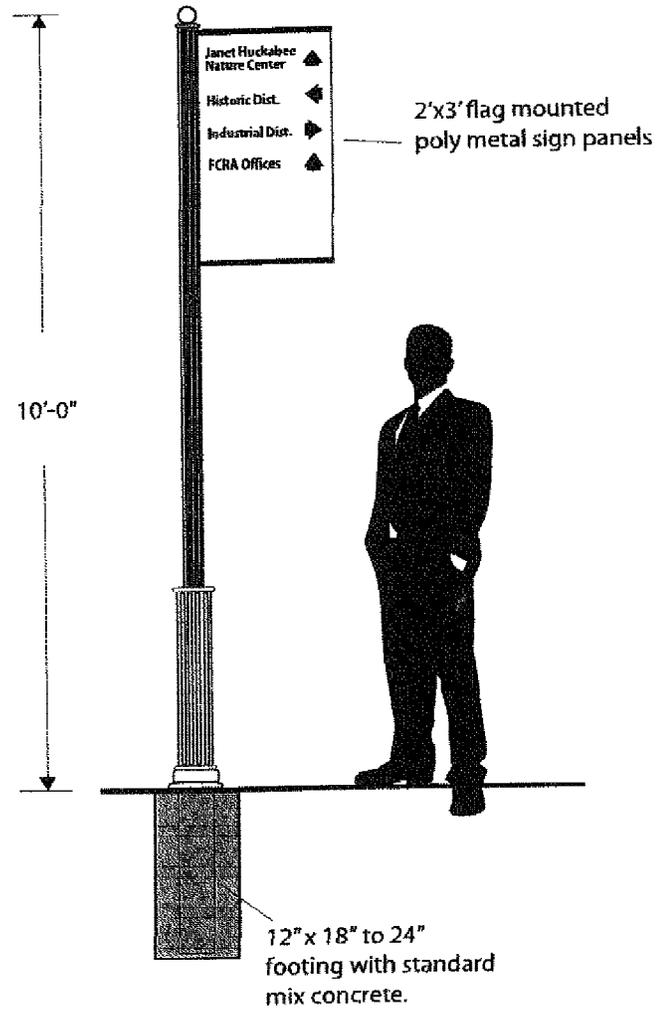
Ivy Owen, Executive Director, of the Fort Chaffee Redevelopment Authority has requested a Temporary Revocable License for the placement of directional signs in the public right-of-way at Chaffee Crossing. The 10-foot tall signs as illustrated in Exhibit "A" will be located in thirteen (13) locations as shown in Exhibit "B."

The request was reviewed by all of the franchise utility companies and appropriate city departments. We received favorable responses from all utilities with a concern noted by the Fort Smith Utility Department. The Fort Smith Utility Department concern which has been included in the agreement is as follows: (1) final location of sign bases shall be a minimum of 5 feet from outside the pipe wall of water lines.

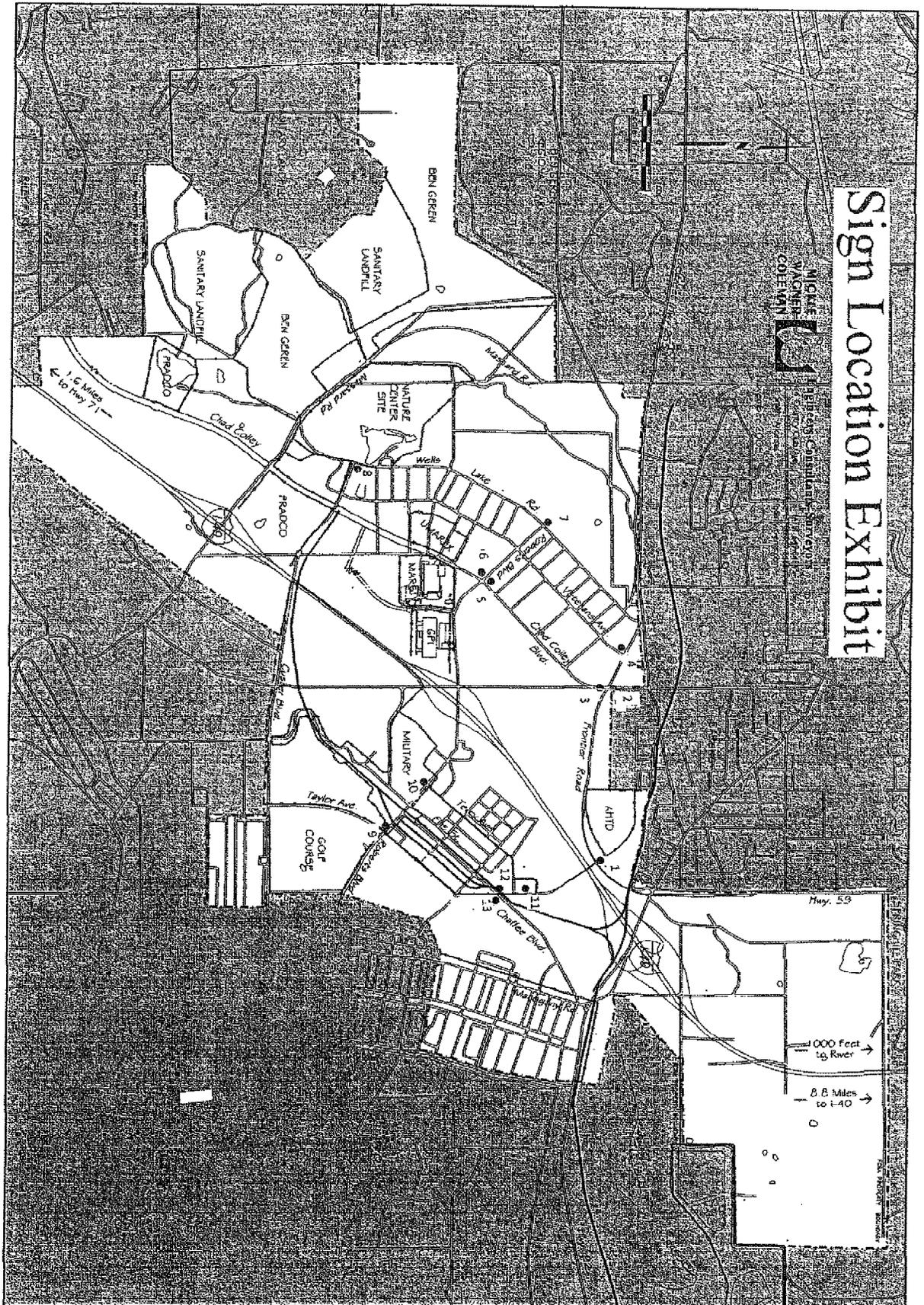
Enclosed is a copy of the Temporary Revocable License Agreement, which has been signed by Mr. Owen.

Attached for the Board's consideration is a Resolution granting the Temporary Revocable License and authorizing Mayor Baker to sign the agreement.

Enc.



3" Aluminum street sign poles with base and topper



TEMPORARY REVOCABLE LICENSE AGREEMENT

SECTION 1: On _____, 2010, the Board of Directors passed Resolution No. _____ granting a temporary revocable license to the Fort Chaffee Redevelopment Authority, their successors or assigns for the placement and maintenance of directional signage as shown in Exhibit "A" and placed in the public right-of-way in the locations as shown in Exhibit "B."

SECTION 2: The City shall have no responsibility for the maintenance of the directional signage. If any of the signs are damaged in any manner, same shall be removed by the licensee at the licensee's sole cost and expense in a manner meeting the approval of the City Administrator. Upon thirty (30) days notice from the City Administrator, the licensee shall remove the sign(s) from the public right-of-way at the licensee's sole cost and expense and in a manner meeting the approval of the City Administrator. The licensee shall hold the City harmless from and indemnify the city for all expenses, losses, cost, causes of action and judgments, including legal expense, arising from the placement and maintenance of said improvements. Should any City department or utility company require access to the existing public right-of-way for any purpose, said City department or utility company shall have no duty to give prior notice

to the licensee in emergency situations. For routine or scheduled maintenance, reasonable notice shall be given if the work may affect any improvement by the licensee. Under any circumstance, the City shall have no responsibility to protect or replace any improvements of the licensee that is within the public right-of-way.

SECTION 3: Final location of sign bases shall be a minimum of 5 feet from outside the pipe wall of water lines.

SECTION 4: The terms of this temporary license are deemed accepted by the licensee by the licensees' signatures below.

In witness whereof, this document is executed this _____ day of _____

_____.

CITY OF FORT SMITH, ARKANSAS

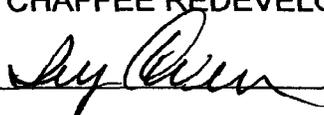
BY: _____

Ray Baker, Mayor of Fort Smith

Attest:

City Clerk

FORT CHAFFEE REDEVELOPMENT AUTHORITY

BY:  _____

Ivy Owen, Executive Director

ACKNOWLEDGEMENT

STATE OF ARKANSAS)
)SS
COUNTY OF SEBASTIAN)

On this _____ day of _____, 2010, before me, the undersigned notary public, personally appeared, Ray Baker, known to me or satisfactorily proven to be the person whose name is subscribed to the within instrument and acknowledged the execution of the same for the purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Notary Public

My Commission Expires:

ACKNOWLEDGEMENT

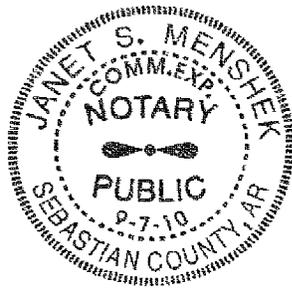
STATE OF ARKANSAS)
)SS
COUNTY OF SEBASTIAN)

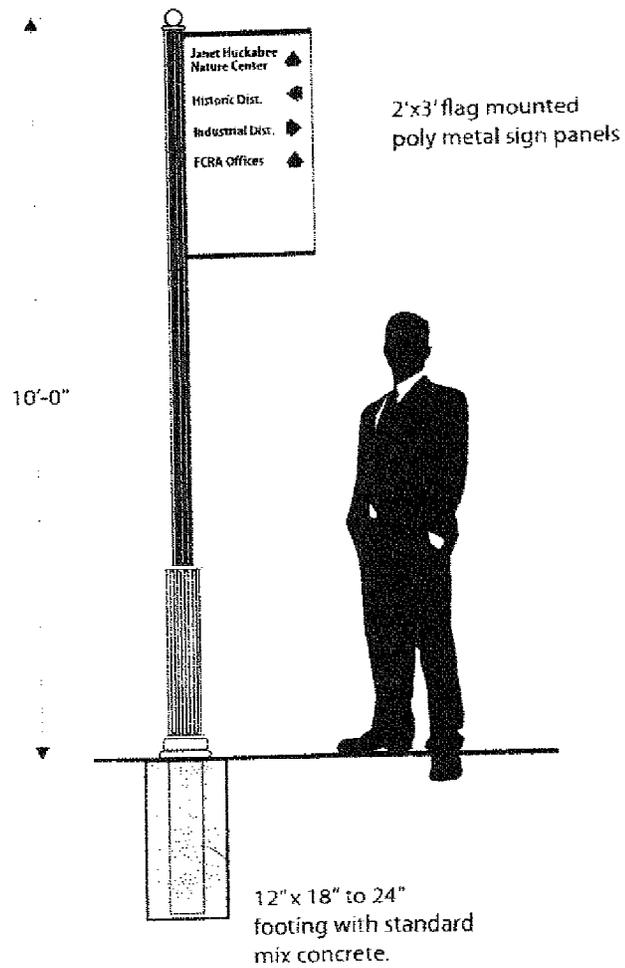
On this 28th day of December, 2009, before me, the undersigned notary public, personally appeared, Ivy Owen, known to me or satisfactorily proven to be the person whose name is subscribed to the within instrument and acknowledged the execution of the same for the purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Janet S. Menshek
Notary Public

My Commission Expires:
9/7/10





3" Aluminum street sign poles with base and topper

RESOLUTION NO. _____

A RESOLUTION ACCEPTING COMPLETION OF AND AUTHORIZING FINAL PAYMENT FOR THE DEMOLITION OF THE BUILDING AT 115 NORTH 2ND STREET

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, THAT:

Section 1: The City of Fort Smith hereby accepts the demolition of the above captioned project as completed.

Section 2: Final payment is hereby authorized in the amount of \$6,526.60 to the contractor, Controlled Environmental Solutions, Inc. for the captioned project.

THIS RESOLUTION ADOPTED THIS _____ DAY OF JANUARY 2010.

APPROVED:

ATTEST:

City Clerk

*Approved as to form &
JSE
no publication required*

MEMORANDUM

To: Dennis Kelly, City Administrator
From: Wally Bailey, Director of Development Services
Date: December 29, 2009
Subject: Final Payment for the Demolition of 115 North 2nd Street

The subject project consisted of the demolition of the building at 115 North 2nd Street. The contract was awarded to Controlled Environmental Solutions, Inc. on September 15, 2009 in the amount of \$65,266.00.

The work has been certified to be complete in accordance with the contract documents. The attached Resolution authorizes the Mayor to accept the project complete, and approve the final payment of \$6,526.60 to Controlled Environmental Solutions, Inc. A summary of the project payment is attached.

I recommend the Board of Directors approve the Resolution at the next regular meeting.

Please contact me if you have any questions regarding this matter.

PROJECT SUMMARY

City of Fort Smith

Project Name: Demolition of 115 No. 2nd St

Project Status: Complete

Date: 12/2/2009

Staff contact name: Wally Bailey

Staff contact phone: 784-2216

Notice to proceed issued: 10/5/2009

Project Completion: 12/2/2009

Project Contractor: Controlled Environmental Solutions,

| | Dollar Amount | Bid Date | Contract Completion Date |
|---|---------------------|-------------|--------------------------------|
| Original bid award | \$65,266.00 | 9/2/2009 | 12/2/2009 |
| Change orders: | | | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| Adjusted contract amount | <u>\$ 65,266.00</u> | | |
| Payments to date (as negative): | \$ (58,739.40) | | |
| Amount of this payment | \$ 6,526.60 | | |
| Contract balance remaining | | | |
| Retainage held | | 0% | |
| Final payment | \$ 6,526.60 | | |
| Amount under contract amount as a percentage | | 0.0% | |

Final Comments:

1C

RESOLUTION NO. _____

**A RESOLUTION ACCEPTING BIDS FOR THE PURCHASE OF
AGGREGATES, SAND, CONCRETE, AND ASPHALT CONCRETE
PRODUCTS FOR 2010**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY
FORT SMITH, ARKANSAS, THAT:

The Bids as indicated by enclosure on attached Bid Tabulation 12-21-09BA
for the purchase of concrete, asphalt, and materials, are accepted.

This Resolution adopted this _____ day of January, 2010.

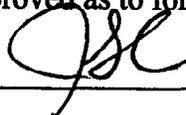
APPROVED:

MAYOR

ATTEST:

CITY CLERK

Approved as to form:



No Publication Required

Publish ____ Times

Interoffice Memorandum

TO: Dennis Kelly, City Administrator
FROM: Alie Bahsoon, Purchasing Manager *AB*
SUBJECT: 2010 Sand, Concrete & Asphalt Bid Tabulation
DATE: December 22, 2009
BID TAB: 12-21-09BA



Attached please find the 2010 bid tabulations for Aggregates, Sand, Concrete, and Asphalt Concrete Materials. These items will be used by various City departments and will remain in effect for all of 2010. Also for your convenience, I have attached a copy of the 2009 bid tabulation, simply for pricing comparison purposes.

I recommend that the bids noted by enclosure on the attached tabulations be accepted.

**Tabulation of Bids for Concrete and Sand for 2010
Bid Tab: 12-21-09BA**

| Description | Arkholia | | | | | | Mid-Continent | | Bid Item # |
|---------------------------------------|---------------|-------------|----------|-----------|----------|-----------|---------------|-----------|------------|
| | Ft. Smith, AR | | | | | | Ft. Smith, AR | | |
| | At Plant * | At Plant ** | At Plant | Delivered | At Plant | Delivered | At Plant | Delivered | |
| Crushed Stone (Aggregate Base) | \$9.05 | \$9.05 | N/A | N/A | N/A | N/A | N/A | N/A | 2 |
| 3/4" to 1 1/2" Concrete Rock | \$10.70 | \$10.70 | N/A | N/A | N/A | N/A | N/A | N/A | 3 |
| Rip Rap | \$12.00 | \$12.00 | N/A | N/A | N/A | N/A | N/A | N/A | 4 |
| Gabion Stone | \$11.25 | \$11.25 | N/A | N/A | N/A | N/A | N/A | N/A | 5 |
| Concrete Class AAA/4000 PSI | N/A | N/A | \$84.00 | \$97.00 | \$84.00 | \$97.00 | \$76.25 | \$93.75 | 6a |
| Concrete Class AAA (AE)/4000 PSI | N/A | N/A | \$84.00 | \$97.00 | \$84.00 | \$97.00 | \$76.25 | \$93.75 | 6b |
| Concrete Class AAA (AE)(HES)/4000 PSI | N/A | N/A | \$107.00 | \$135.00 | \$107.00 | \$135.00 | \$90.25 | \$107.75 | 6c |
| Concrete Class A/3000 PSI | N/A | N/A | \$76.00 | \$93.00 | \$76.00 | \$93.00 | \$72.25 | \$89.75 | 6d |
| Concrete Class A (AE)/3000 PSI | N/A | N/A | \$76.00 | \$93.00 | \$76.00 | \$93.00 | \$72.25 | \$89.75 | 6e |
| Concrete Class A (AE)(HES)/3000 PSI | N/A | N/A | \$105.00 | \$125.00 | \$105.00 | \$125.00 | \$89.50 | \$105.00 | 6f |
| Concrete Class B/2500 PSI | N/A | N/A | \$76.00 | \$93.00 | \$76.00 | \$93.00 | \$69.00 | \$86.50 | 6g |
| Concrete Class B (HES)/2500 PSI | N/A | N/A | \$102.00 | \$120.00 | \$102.00 | \$120.00 | \$84.45 | \$101.95 | 6h |
| Utility Backfill (Slurry) | N/A | N/A | \$56.50 | \$69.00 | \$56.50 | \$69.00 | \$53.50 | \$64.00 | 7 |
| Sand | N/A | N/A | \$6.45 | N/A | N/A | N/A | N/A | N/A | 8 |
| Stone Chips | | | N/A | N/A | N/A | N/A | N/A | N/A | 12 |

All Prices Firm for 2010

✓ Awarded Bid

Bids Advertised: 12/10/09

Bids Opened: 12/21/09

* Preston Plant

** Jenny Lind Plant

Tabulation of Bids for Concrete and Sand for 2010
Bid Tab: 12-21-09BA

Arkholia Sand & Gravel
Ft. Smith, AR

JOB Construction
Poteau, OK

Description

| | At Plant | At Plant | Bid Item # |
|--|-----------|------------|------------|
| Asphalt Concrete Hot Mix Surface Course (II) | \$60.00 ✓ | N/A | 9 |
| Asphalt Concrete Cold Plant Mix | \$95.00 ✓ | N/A | 10 |
| Asphalt Concrete High Performance Cold Mix | N/A | \$100.00 * | 11 |
| Asphaltic Concrete Hot Mix Binder Course | \$58.00 ✓ | N/A | 13 |
| Asphaltic Concrete Hot Mix Surface Course | \$60.00 ✓ | N/A | 14 |
| Asphaltic Concrete Hot Mix Surface Course-AHTD 12.5 mm | \$69.00 ✓ | N/A | 15 |
| Asphaltic Concrete Hot Mix Surface Course-AHTD 9.5 mm | \$72.00 ✓ | N/A | 16 |

Bids Advertised: 12/10/09

Bids Opened: 12/21/09

✓ Awarded Bid

* F.O.B. Poteau Yard-subject to escalation/de-escalation prices

Tabulation of Bids for Concrete and Sand for 2009
Bid Tab: 12-19-08BA

| Description | Arkholia | | | | Mid-Continent | |
|---------------------------------------|---------------|-------------|----------|-----------|---------------|-----------|
| | Ft. Smith, AR | | | | Ft. Smith, AR | |
| | At Plant * | At Plant ** | At Plant | Delivered | At Plant | Delivered |
| Crushed Stone (Aggregate Base) | \$7.80 | \$8.05 | N/A | N/A | N/A | N/A |
| 3/4" to 1 1/2" Concrete Rock | \$9.20 | \$9.95 | N/A | N/A | N/A | N/A |
| Rip Rap | \$9.75 | \$10.50 | N/A | N/A | N/A | N/A |
| Gabion Stone | \$9.75 | \$10.50 | N/A | N/A | N/A | N/A |
| Concrete Class AAA/4000 PSI | N/A | N/A | \$86.00 | \$103.50 | \$81.00 | \$96.45 |
| Concrete Class AAA (AE)/4000 PSI | N/A | N/A | \$86.00 | \$103.50 | \$81.00 | \$96.45 |
| Concrete Class AAA (AE)(HES)/4000 PSI | N/A | N/A | \$107.00 | \$135.00 | \$102.00 | \$116.95 |
| Concrete Class A/3000 PSI | N/A | N/A | \$82.50 | \$100.25 | \$72.50 | \$92.45 |
| Concrete Class A (AE)/3000 PSI | N/A | N/A | \$82.50 | \$100.25 | \$72.50 | \$92.45 |
| Concrete Class A (AE)(HES)/3000 PSI | N/A | N/A | \$105.00 | \$125.00 | \$100.00 | \$109.75 |
| Concrete Class B/2500 PSI | N/A | N/A | \$80.50 | \$97.00 | \$75.50 | \$90.95 |
| Concrete Class B (HES)/2500 PSI | N/A | N/A | \$102.00 | \$119.50 | \$97.00 | \$111.55 |
| Utility Backfill (Slurry) | N/A | N/A | \$59.00 | \$76.50 | \$54.00 | \$68.30 |
| Sand | N/A | N/A | \$6.45 | | N/A | N/A |
| Stone Chips | \$10.65 | \$11.40 | N/A | N/A | N/A | N/A |

All Prices Firm for 2009

✓ Awarded Bid

Bids Advertised: 12/13/08

Bids Opened: 12/19/08

* Preston Plant

** Jenny Lind Plant

**Tabulation of Bids on Asphalt for 2009
Bid Tab 12-19-08BA**

| <u>Description</u> | Arkohla Sand & Gravel Ft. Smith, AR | | JOB Construction Poteau, OK | |
|--|--|---|--------------------------------|----|
| | At Plant | ✓ | At Plant | ✓ |
| Asphalt Concrete Hot Mix Surface Course (II) | \$72.00 | ✓ | N/A | ✓ |
| Asphalt Concrete Cold Plant Mix | \$95.00 | ✓ | N/A | ✓ |
| Asphalt Concrete High Performance Cold Mix | N/A | ✓ | \$105.00 | ✓* |
| Asphaltic Concrete Hot Mix Binder Course | \$68.00 | ✓ | N/A | ✓ |
| Asphaltic Concrete Hot Mix Surface Course | \$72.00 | ✓ | N/A | ✓ |
| Asphaltic Concrete Hot Mix Super Pave | \$85.50 | ✓ | N/A | ✓ |

Bids Advertised: 12/13/08
 Bids Opened: 12/19/08
 ✓ Awarded Bid

* F.O.B. Poteau Yard-subject to escalation/de-escalation prices

INVITATION TO BID

Mail Sealed Bids To:
 CITY OF FORT SMITH
 PURCHASING
 P.O. BOX 1908
 FORT SMITH, AR 72902

Opening Place 623 Garrison Ave., Room 522 Bid Opening Date/Time Dec. 21, 2009 @ 2:00 p.m.

ON THE OUTSIDE OF SEALED BID ENVELOPE SHOW:

- (1) Name of Company bidding
- (2) Bid Opening Date/Time
- (3) Bid item Name

Bidder agrees to comply with all conditions below and on reverse side of this bid. Purchases made for the City of Fort Smith are exempt from Federal Excise Tax. Do NOT include it on your bid. Unit prices and extensions are required. Bidder guarantees product offered will meet or exceed specifications identified in this bid invitation.

QUOTE F.O.B. DESTINATION

BIDDER MUST FILL IN & SIGN

| | | |
|----------------------|-------|------------|
| Name of Firm | | |
| Street Address | | |
| City | State | Zip |
| Authorized Signature | | Print Name |
| Phone # | Fax # | |

DESCRIPTION AND/OR SPECIFICATIONS

Do all items offered comply with the specifications? _____ Yes _____ No Bidders Initials _____

Selling Price \$ _____

See Special Conditions
 Item #5 - Page 4

Sales Tax \$ _____

Shipping \$ _____

Other \$ _____

Total Bid \$ _____

It is the intention of the City of Fort Smith, AR to solicit bids on AGGREGATES, SAND, CONCRETE, AND ASPHALT CONCRETE PRODUCTS suitable for use by various departments of the City of Fort Smith for the year 2010.

Aggregates, Sand, Concrete, and Asphalt Concrete Products

- 1) Reference to standards and specifications shall refer to the following:
 "Standard Specifications" shall mean the City of Fort Smith Standard Specifications for Public Works Construction, Latest Edition.

"AHTD Specification" shall mean the Arkansas State Highway and Transportation Department Standard Specifications for Highway Construction, Latest Edition.

"ASTM Specification" shall mean the American Society for Testing and Materials, Latest Edition.

- 2) Aggregate Base Course Material
 Aggregate base course material shall conform to Standard Specifications, Section 305.

At plant \$ _____ TON

- 3) Concrete Rock
 Concrete rock shall be coarse aggregate conforming to Standard Specifications, Section 401.02(c)
 3/4" to 1 1/2" Nominal Size

At plant \$ _____ TON

By the signature hereon affixed, the bidder hereby certifies that neither the bidder nor the firm, corporation, partnership or institution represented by the bidder, or anyone acting for such firm, corporation or institution, has violated the Federal Antitrust Laws, nor communicated directly or indirectly the bid made to any competitor or any other person engaged in such line of business.

DELIVERY IN _____ DAYS
 CASH DISCOUNT _____ %

- 4) Riprap
Riprap shall be quarry sandstone conforming to Standard Specifications, Section 904.02(A) for Type II.

At plant \$ _____ TON

- 5) Gabion Stone
Gabion stone shall conform to AHTD Specification Section 629.02.

At plant \$ _____ TON

- 6) Concrete
Concrete shall conform to Section 401 of the Standard Specifications, except as otherwise specified herein.

| <u>Concrete Class</u> | <u>Minimum Compressive Strength, PSI</u> | <u>At Plant</u> | <u>Delivered</u> |
|-----------------------|--|-----------------|------------------|
| AAA | 4000 | \$ _____ YD. | \$ _____ YD. |
| AAA AE | 4000 | \$ _____ YD. | \$ _____ YD. |
| AAA AE HES | 4000 | \$ _____ YD. | \$ _____ YD. |
| A | 3000 | \$ _____ YD. | \$ _____ YD. |
| A AE | 3000 | \$ _____ YD. | \$ _____ YD. |
| A AE HES | 3000 | \$ _____ YD. | \$ _____ YD. |
| B | 2500 | \$ _____ YD. | \$ _____ YD. |
| B HES | 2500 | \$ _____ YD. | \$ _____ YD. |

NOTES:

- A) AE Air Entrained
HES High Early Strength

Minimum 70 percent of compressive strength (28 Day) at 24 hours.

High early strength shall be obtained by increased cement content and/or the addition of accelerating admixtures.

Accelerating admixtures shall conform to AASHTO M 194 (ASTM C 494) Type C or Type E.

Flyash shall be omitted from high early strength mixtures.

- B) Slump Range 1" to 4"
- C) Concrete mixtures utilizing flyash shall conform to Standard Specifications, Sections 401.02(F) and 401.06, and shall be approved by the City's representative.

- 7) Utility (Slurry) Backfill
 Slurry backfill shall consist of a mixture of sand, Portland cement, and flyash, in a ratio of 3400 lbs.; 150 lbs.; 100 lbs., and water in a quantity sufficient to produce a workable material. Slurry mixture shall be plant mixed and shall have a compressive strength of 300 to 400 psi at 28 days.
- At plant \$ _____ YARD Delivered \$ _____ YARD*
- 8) Sand
 Sand shall conform to Standard Specification Section 401.02(B).
- At plant \$ _____ TON*
- 9) Asphalt Concrete Hot Mix Surface Course (Type 2)
 Asphalt concrete hot mix surface course material shall conform to Standard Specifications, Section 330, Type 2.
- At plant \$ _____ TON*
- 10) Asphalt Concrete Cold Plant Mix
 Asphalt concrete cold plant mix shall conform to Standard Specifications, Section 335.
- At plant \$ _____ TON*
- 11) Asphalt Concrete Cold Plant Mix (High Performance)
 Asphalt Concrete Cold Mix shall conform to AHTD Special Provision "Type HT Cold Mix", or shall be a high performance patching mix, UPM, or equal.
- At plant \$ _____ TON*
- 12) Stone Chips
 Shall conform to current AHTD Specifications Section 403 for Class I Mineral aggregate.
- At plant 1/2" \$ _____ TON*
- 13) Asphaltic Concrete Hot Mix Binder Course
 Asphaltic concrete hot mix binder coarse shall conform to Standard Specifications, Section 330.
- At plant \$ _____ TON*
- 14) Asphaltic Concrete Hot Mix Surface Course
 Asphaltic concrete hot mix surface course shall be type 3, conforming to Standard Specifications, Section 330, Type 3.
- At plant \$ _____ TON*
- 15) Asphaltic Concrete Hot Mix Surface Course (AHTD 12.5 mm Surface Course)
 Asphalt concrete hot mix surface course shall conform to AHTD Specifications Section 407 with a nominal mixture size of 12.5 mm (1/2").
- At plant \$ _____ TON*
- 16) Asphaltic Concrete Hot Mix Surface Course (AHTD 9.5 mm Surface Course)
 Asphalt concrete hot mix surface course shall conform to AHTD Specifications Section 407 with a nominal mixture size of 9.5 mm (3/8").
- At plant \$ _____ TON*

SPECIAL CONDITIONS

- 1) Any materials furnished under this bid not conforming to the specifications of the City of Fort Smith shall be rejected and shall be replaced at the vendors expense.
- 2) Reasonable stock must be maintained on all items awarded to successful bidder.
- 3) When requested by the City of Fort Smith, vendor shall provide certifications of compliance with referenced specifications for all materials.
- 4) **All prices quoted to be effective January through December of 2010.** If price is subject to escalation or de-escalation it shall be stated on bid.
- 5) Do not include Arkansas sales tax in bid price. Sales tax should be shown as a separate item on each invoice.

Conditions for Bidding

1. Submit bid on this bid form in compliance with all conditions listed.
2. Address bids to: City of Ft. Smith Purchasing, PO Box 1908, 623 Garrison Ave # 522, Ft. Smith, AR 72902.
3. Do not include Federal Excise Tax in bid.
4. State Manufacturer, Brand Name, Model, etc. for each item where applicable.
5. Guarantees and warranties should be attached as a part of the bid as they may be a consideration in awarding a contract.
6. Delivery and contract completion dates are to be shown as these dates may, where time is of the essence, determine the contract award. The City may nullify a contract award for non-compliance.
7. ORIGINAL SIGNATURE REQUIRED. This bid MUST be signed with the firm name and by an authorized officer, employee, or agent.
8. Deviations from specifications and alternate bids must be clearly shown with complete information. They may or may not be considered.
9. Freight and other delivery charges to destination at designated City facility must be included in bid. Charges may not be added after the bid is opened.
10. DISCOUNTS. Show rate, total amount, and latest day any discount will be allowed after receipt of article and invoice; otherwise City will deduct allowed discount when payment is made.
11. If unit prices and extensions thereof do not coincide, the City will accept the unit price.
12. All prices quoted will remain firm for at least 90 days after date of the bid opening, unless otherwise specified by the City or bidder.
13. In the event of two or more identical low bids, the contract may be awarded arbitrarily or for any reason to any of such bidders or split in any proportion between said two or more bidders at discretion of City.
14. Any ambiguity in any bid as the result of omission, error, lack of clarity or non-compliance by the bidder with specifications, instructions, and all conditions of bidding shall be construed in the light most favorable to the City.
15. "All or None" bid must be considered only when bidder states on bid form. "All or None" bidding is considered an "alternate".
16. All contracts shall produce NEW commodities, fresh stock, latest model and design. Re-conditioned or re-manufactured items will not be accepted.
17. Latest specifications, drawings, sketches or other descriptive literature containing detailed information as to design, construction and operation shall be included.
18. All necessary parts, accessories and tools for satisfactory operations of the units shall be furnished whether or not they specifically mentioned in these specifications. Bidder shall submit a list of tools and equipment they propose to furnish.
19. Any protest of specifications or bidding process must be received in writing by the Purchasing Department at least five (5) days prior to the specified bid opening date.
20. Any protest of bid award must be in writing and received by the Purchasing Department no later than three (3) days after notice of intent to award has been made. If said item requires Board of Directors approval, written protest must be received by the Purchasing Department no later than five (5) days prior to the next Board of Directors meeting at which the recommended bid award will be considered.

THE CITY RESERVES THE RIGHT TO ACCEPT PART OR ALL OF ANY SPECIFIC BID OR BIDS AND TO ACCEPT ANY BID OR BIDS WITH OR WITHOUT TRADE-IN. THE CITY FURTHER RESERVES THE RIGHT TO REJECT ALL BIDS, OR PART OR ALL OF ANY SPECIFIC BID OR BIDS.

1D

RESOLUTION NO. _____

A RESOLUTION ACCEPTING CHANGE ORDER NUMBER
ONE WITH CREATIVE DESIGN POOLS LLC, FOR THE CREEKMORE
POOLS PVC MEMBRANE LINING SYSTEM PROJECT 09-03

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH,
ARKANSAS, that:

The mayor is hereby authorized to execute Change Order No. 1 with Creative Design
Pools LLC increasing the contract amount by \$3,500.00 and extending the contract time by 7
calendar days.

This Resolution adopted this _____ day of January, 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM



npr



Memo:

December 23, 2009

To: Dennis Kelly, City Administrator
From: Mike Alsup, Director of Parks and Recreation *Mike Alsup*
Re: Creekmore Pools, change order, PVC membrane lining system project

Creekmore Park swimming pools were renovated twenty years ago with the end result being the 50 meter competition pool and diving well we know today. A new pool shell was built inside the original pool shell. The life expectancy of the renovation at that time was 10-12 years. A PVC liner was bid and is being installed.

The walls of the existing pool protrude slightly beyond the gutter system and are uneven. The water returning from chemical treatment and filtration system re-enters the pool at the base of the gutter system at a 45 degree angle. The termination point of the new liner system is at the base of the gutter system and ends with a compression bar that extends beyond the surface of the wall. Because the pool wall is not flat, the return water would deflect off of the compression bar and would likely make its way behind the new liner system causing it to leak. The correct circulation of the water in the pool is important for sanitation and cleanliness reasons.

The solution is to grind the concrete wall smooth below the gutter system. This work was not included in the bid. This resolution is to approve the change order to perform this work. The cost of performing the work has been negotiated to \$3,500, which is less than 2% of the contract, from \$8,792 and an addition of seven (7) work days.

I recommend approval of this change order. Please call me with any questions.

attachment

City of Fort Smith

Project Status: In Progress
Today's Date: December 23, 2009
Staff contact name: Mike AIsup
Staff contact phone: (479) 784-1006
Contract time (no of days): 45
Notice to proceed issued: December 18, 2009

Project name: Creekmore Pools PVC Membrane Lining System
Project number: 09-03
Project engineer: Mickie Wagner Coleman
Project contractor: Creative Design Pools LLC

| | Dollar Amount | Date | Estimated Completion Date |
|--------------------------|--------------------------------------|------------|---------------------------------|
| Original bid award | 140,471.85 | 11/17/2009 | 1/31/2009 |
| Field change orders: | | | |
| 1 | | | |
| Change orders: | | | |
| 1 | 3,500.00 | 1/5/2009 | 2/7/2009 |
| 2 | | | |
| 3 | | | |
| Adjusted contract amount | <u>3,500.00</u> <u>143,971.85</u> | | |

Payments to date (as negative):

Amount of this payment

N/A

Contract balance remaining

143,971.85

Retainage held

Final payment

Amount Over (under) original
as a percentage

2%

Final Comments:

RESOLUTION NO. _____

1 E

**RESOLUTION ACCEPTING THE BID OF AND AUTHORIZING THE
MAYOR TO EXECUTE A CONTRACT WITH FORSGREN, INC., FOR
WET WEATHER LINE CAPACITY IMPROVEMENTS SOUTH "O" STREET**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT
SMITH, ARKANSAS, that:

SECTION 1: The bid of Forsgren, Inc., for the construction of the Wet Weather Line
Capacity Improvements South "O" Street, Project Number 09-11-C1, is hereby accepted.

SECTION 2: The Mayor is hereby authorized to execute a contract with Forsgren, Inc.,
for an amount of \$542,813.18, for performing said construction.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

Jsc

npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: January 5, 2010

FROM: Steve Parke, Director of Utilities

SUBJECT: South "O" Street Sewer Improvements
Project number 09-11-C1

This project replaces 1,200 feet of deteriorating 12-inch sewer line with 18-inch pipe. This segment of sewer main has had recurring problems with blockage and lack of capacity which causes sewer overflows. The attached Resolution authorizes the mayor to sign a contract for construction of the South "O" Street Sewer Improvement, Project Number 09-11-C1, with Forsgren, Inc., in the amount of \$542,813.18. Funding for this project is available from the bonds issued for wastewater system improvements. It is my recommendation that the contract be approved.

Should you or members of the Board have any questions or need additional information, please let me know.

attachment

pc: Ray Gosack

DATA (Exhibits\Callison\09-11-E1_So-O-St-55Rehab.dwg, 17/25/2005 8:55:13 AM, WGHY, PROJ1\UTL_F\PL815C_01

WHEELER AVE

TOWSON AVE

S "O" ST

S "W" ST

JENNY LIND RD

PHOENIX AVE

GRAND AVE

ROGERS AVE

KINKEAD AVE

FREE FERRY RD

N "O" ST

N 52ND ST

N WALDRON RD



**SOUTH "O" STREET
SEWER LINE IMPROVEMENTS
PROJECT 09-11-E1**

RESOLUTION NO. _____

1 F

**RESOLUTION AUTHORIZING ADDITIONAL WORK WITH
THE BURGESS COMPANY, INC., FOR THE MIDLAND
BOULEVARD 30-INCH WATER TRANSMISSION LINE**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

Additional work in the amount of \$100,989.00 to the contract with The Burgess Company, Inc., for the construction of the Midland Boulevard 30-Inch Water Transmission Line, Project Number 07-04-C1, and adjusting the contract amount to \$3,239,430.00, is hereby approved.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

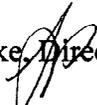
Jse

npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: December 18, 2009

FROM: Steve Parke,  Director of Utilities

SUBJECT: Midland Boulevard 30-Inch Water Transmission Line
Project Number 07-04-C1

On October 6, 2009, the Board approved schedule one of the above referenced project which consisted of constructing 5,500 feet of 30-inch line along Midland Boulevard from Spradling to Kelley Highway, 2,100 feet of 24-inch along Kelley Highway from Midland to 6th Street, and 1,900 feet of 24-inch line along North 6th Street to Division. Schedule two which provided for an additional 6,300 feet of new 24-inch, branching off from the 30-inch line in schedule one at the intersection of Midland and Kelley, then following along Edwards Street to North "L" Street, was not recommended for approval due to a lack of full funding. During the pre-construction meeting, it was determined that after the 30-inch line in schedule one is completed the installation of the 24-inch line branching off from the 30-inch line at the intersection of Midland and Kelley at a later time would be nearly impossible to construct. The additional work is to include the 24-inch line across Midland from the original schedule 2 bidding to provide an accessible future tie-in point for the Edwards branch of the improvements when funding becomes available. An exhibit is attached which shows the alignments of schedules one and two.

Attached is a Resolution authorizing the additional work with The Burgess Company, Inc., in the amount of \$100,989.00 and adjusts the contract amount to \$3,239,430. Funding for this additional work is available from the project budget.

Should you or members of the Board have any questions or desire additional information, please let me know.

attachment

pc: Ray Gosack

Project Summary
 City of Fort Smith
 Utility Department

Project Status: under construction

Project name: **Midland Boulevard 30-Inch Water
 Transmission Line**

Today's Date: December 18, 2009

Project number: **07-04-C1**

Staff contact name: Steve Parke

Project engineer: Atkins Engineering

Staff contact phone: 784-2231

Project contractor: The Burgess Company, Inc.

Notice to proceed issued: December 7, 2009

| | Dollar Amount | Contract Time (Days) |
|--|-----------------------|-------------------------|
| Original contract | \$3,138,441.00 | 330 |
| Change orders: Number One | \$100,989.00 | 0 |
| Total change orders | \$100,989.00 | <u>0</u> |
| Adjusted contract | <u>\$3,239,430.00</u> | <u>330</u> |
| Payments to date (as negative): | \$0.00 | 0.0% |
| Amount of this payment (as negative) | \$0.00 | 0.0% |
| Retainage held | \$0.00 | |
| Contract balance remaining | \$3,239,430.00 | 100.0% |
| Amount Over (under) as a percentage | 3.2% | |

Final Comments:

CONTRACT CHANGE ORDER NO. 1

TO: The Burgess Company, Inc.
P.O Box 379
Arkoma, Oklahoma 74901

DATE: December 18, 2009

PROJECT: Midland Blvd 30-inch Water Transmission Line Replacement
Project No. 07-04-C1 - Fort Smith, Arkansas

You are hereby requested to include the installation of the 24-inch waterline across Midland Blvd at Kelley Highway, a portion of Schedule E, Edwards, as shown on Sheet 21 of the Construction Drawings. The 24-inch waterline is to terminate East of the connection to the 8-inch waterline on the Southeast side of Midland Blvd. A restrained push-on plug is to be installed at the end of the 24-inch waterline. The increase in the appropriate Bid Items associated with the installation of the waterline across Midland Blvd are set forth below.

| Bid Item No | Description | Quantity | Unit Cost | Increase In Contract Price |
|----------------------------------|---|----------|-------------|----------------------------|
| 7. | Install 24-inch Ductile Iron Pipe Pressure Class 150 with restrained push on joints and polyethylene encasement including trench excavation, gravel bedding, and select backfill material within pipezone | 40 LF | \$125.50 | \$5,020.00 |
| 15. | Install 24 inch Ductile Iron Pipe Pressure Class 150 with restrained push on joints and polyethylene encasement inside casing pipe including spacers and end seals pipe by the "Pipe Bursting" method | 80 LF | \$152.30 | \$12,184.00 |
| 16. | Install 36 inch Schedule 40 Steel Casing Pipe by "Auger Bore and Jacking" method | 80 LF | \$325.00 | \$26,000.00 |
| 29. | Install 24-inch Gate Valve | 1 EA | \$19,750.00 | \$19,750.00 |
| 29a. | Install 30-inch Gate Valve | 1 EA | \$30,000.00 | \$30,000.00 |
| 33. | Install Fire Hydrant Assembly including thrust block | 1 EA | \$3,200.00 | \$3,200.00 |
| 36. | Pipe Manufactured Special Tee Outlet | 1 EA | \$1,975.00 | \$1,975.00 |
| 37. | Install Ductile Iron Fittings (20 inch and larger diameter pipe) | 440 LB | \$6.50 | \$2,860.00 |
| Total Increase in Contract Price | | | | <u>\$100,989.00</u> |

The sum of \$100,989.00 is hereby added to the total Contract Price. The total adjusted Contract Price to date thereby is \$3,239,430.00.

This Change Order shall become an Amendment to the Contract and all provisions of the Contract will apply thereto.

There is no change in the Contract Time.

RECOMMENDED BY ENGINEER: ATKINS ENGINEERING, INC

BY: Gerald W. Atkins
Gerald W. Atkins

Dec 18, 2009
Date

ACCEPTED BY CONTRACTOR: THE BURGESS COMPANY, INC.

BY: Marcus F. Benjamin
TITLE: Project Manager

12-18-09
Date

APPROVED BY OWNER: CITY OF FORT SMITH, ARKANSAS

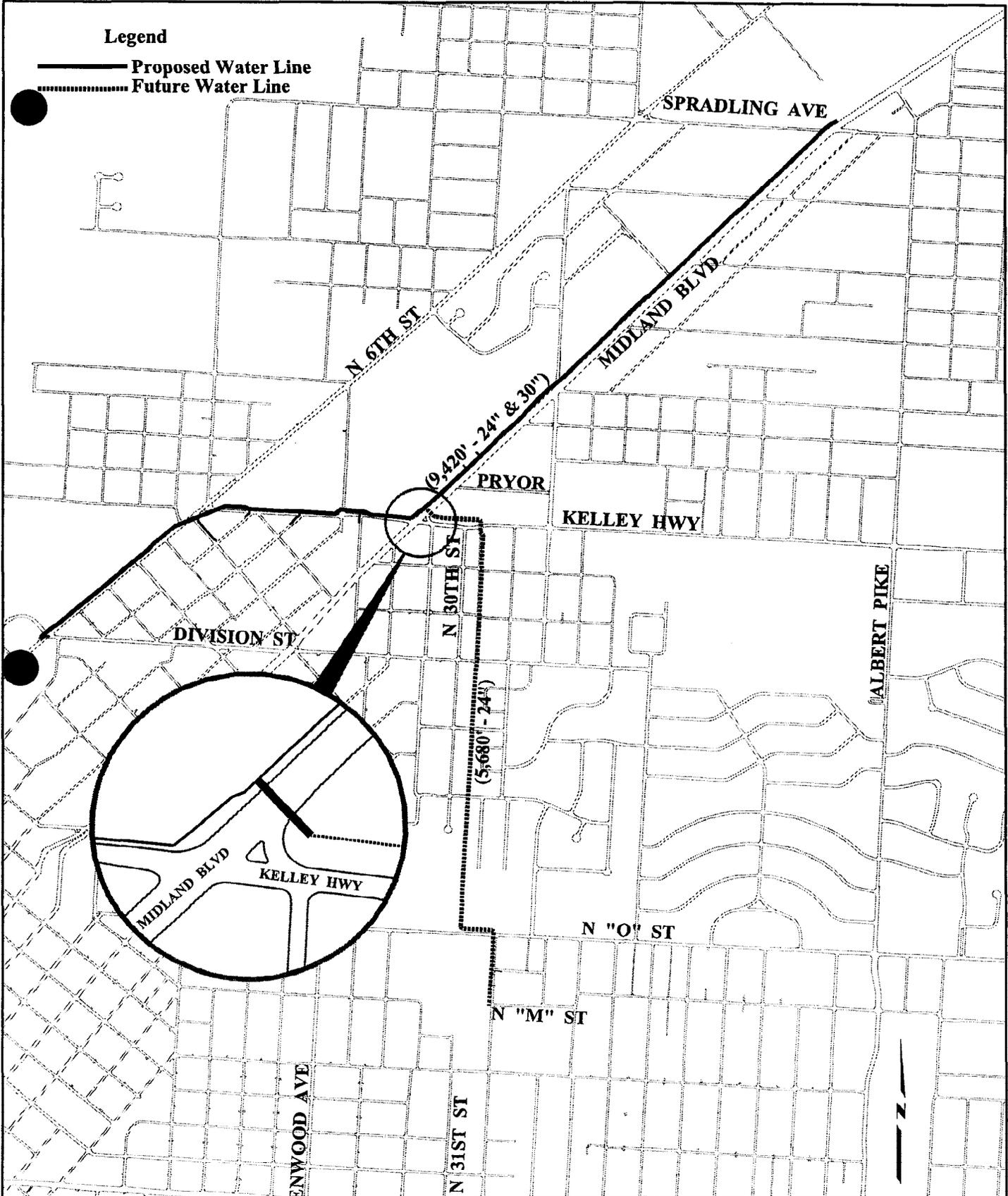
BY: _____

Date

TITLE: _____

Legend

- Proposed Water Line
- Future Water Line



CITY OF FORT SMITH, ARKANSAS
MIDLAND BLVD. 30" WATER TRANSMISSION LINE
PROJECT NO. 07-04-C1
PROJECT VICINITY MAP

O:\UtilityDept\General\DWG_DATA\Exhibits\J1\07-04-E1\Mid Blvd 30in Trans Line - 2008_07-04-C1-AddOn.dwg, 12/28/2009 2:35:00 PM, \KHYLPRO1\UTL_HPLJ8150_01

RESOLUTION NO. _____

RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH HAWKINS-WEIR ENGINEER, INC., FOR THE DESIGN OF NEIGHBORHOOD WATER SYSTEM IMPROVEMENTS - HAVEN HILL SERVICE AREA

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

SECTION 1: An Agreement with Hawkins-Weir Engineer, Inc., for design services associated with the Neighborhood Water System Improvements - Haven Hill Service Area, is hereby approved.

SECTION 2: Authorization Number One providing design and bidding phase services, Project Number 10-03-E1, is hereby approved.

SECTION 3: The Mayor is hereby authorized to execute the Agreement for Professional Engineering Services and Authorization Number One for an amount of \$47,000.00.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

Jsc

npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: December 18, 2009

FROM: Steve Parke,  Director of Utilities

SUBJECT: Neighborhood Water System Improvements
Haven Hill Service Area
Project Number 10-03-E1

This project consists of designing approximately 9,200 feet of new 6-inch water mains to replace old 2-inch galvanized water lines for improved water service and quality. The project will also provide better fire protection in these areas. The attached exhibit shows the service area locations for these improvements.

For this project, staff selected Hawkins-Weir Engineer, Inc. I have attached a Resolution authorizing the Mayor to execute an agreement for professional engineering services and authorization Number One to said agreement. The cost for the engineering services is set at an amount of \$47,000.00. Funding for this work is available within the department's Water and Sewer Capital Improvements Fund.

Should you or members of the Board have any questions or desire additional information, please let me know.

attachment

pc: Ray Gosack

Consultant Selection Form

Project Name and Number:

Neighborhood Water System Improvements- Haven Hill Service Area
Project Number 10-03-E1

Project Description:

Engineering design services for replacement approximately 9,200 feet of 2-inch water lines that need to be up graded to 6-inch. This work needs to be completed prior to the streets being overlay in 2010.

Consultants Considered:

Hawkins-Weir Engineer, Inc.
Mickle Wagner Coleman Engineers
Morrison Shipley Engineers

Consultant Selection:

Hawkins-Weir Engineer, Inc. Selection based upon the review of consultant qualification statements on file in City Clerk's Office better suited for projects of this nature, time availability to timely complete the design task and considerations related to the distribution of work between local firms.

Reviewer's Signature:

Jack Dill
Name

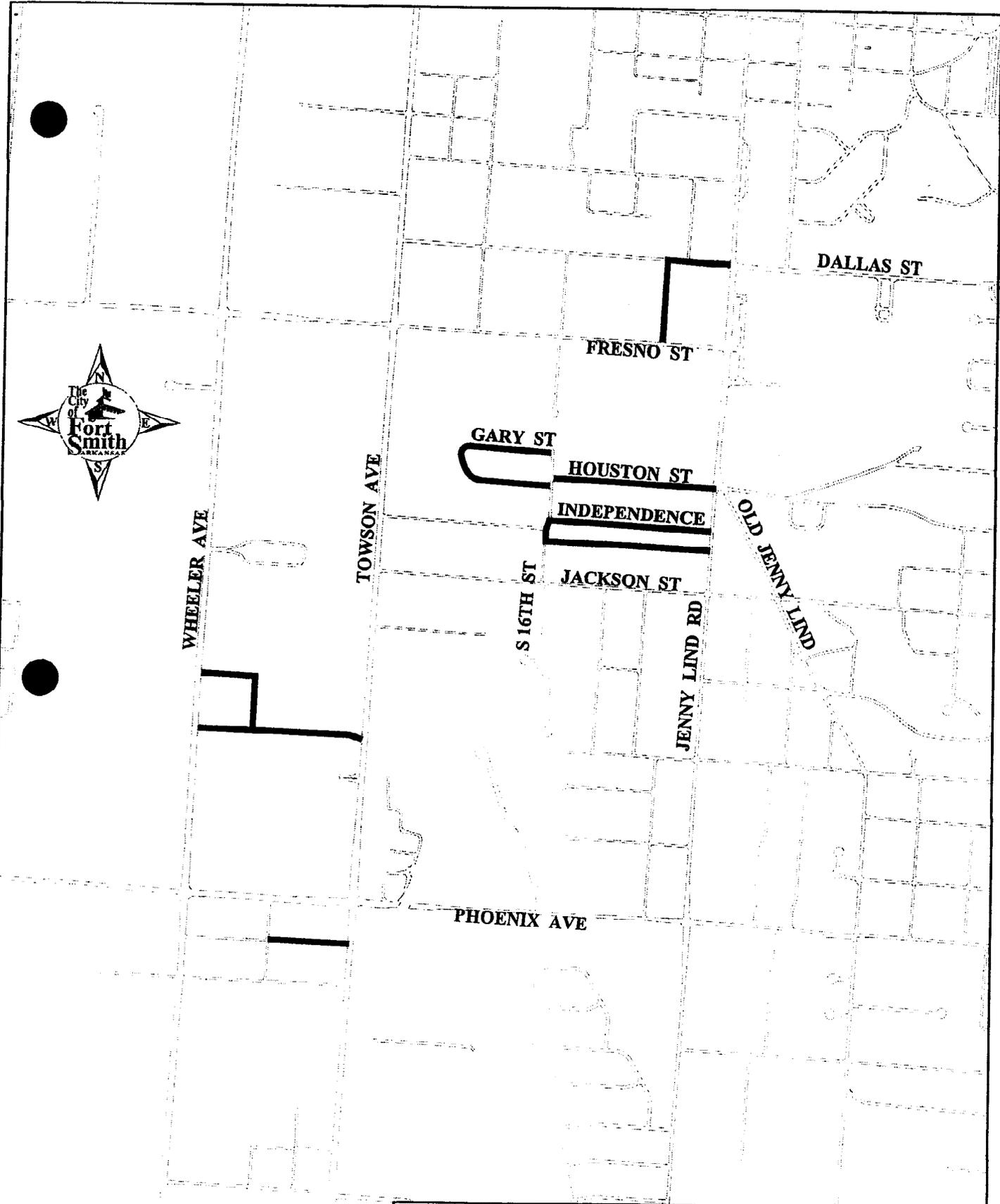
12/16/09
Date

Clinton Allison
Name

12/16/09
Date

James B. Johnson
Name

12-16-09
Date



**NEIGHBORHOOD WATER IMPROVEMENTS
HAVEN HILL SERVICE AREA**
PROJECT NO. 10-03-E1
PROJECT VICINITY MAP

Legend

Proposed Water Line

RESOLUTION NO. _____

1 H

**RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH BRIXEY
ENGINEERING & LAND SURVEYING FOR THE DESIGN OF NEIGHBORHOOD WATER
SYSTEM IMPROVEMENTS - JACK FREEZE SERVICE AREA**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH,
ARKANSAS, that:

SECTION 1: An Agreement with Brixey Engineering & Land Surveying, for design services associated with the Neighborhood Water System Improvements - Jack Freeze Service Area, is hereby approved.

SECTION 2: Authorization Number One providing design and bidding phase services under the Agreement, Project Number 10-02-E1, is hereby approved.

SECTION 3: The Mayor is hereby authorized to execute the Agreement for Professional Engineering Services and Authorization Number One for an amount of \$50,593.00.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

JSC

npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: December 18, 2009

FROM: Steve Parke,  Director of Utilities

SUBJECT: Neighborhood Water System Improvements
Jack Freeze Service Area
Project Number 10-02-E1

This project consists of designing approximately 9,850 feet of new 6-inch water mains to replace old 2-inch galvanized water lines for improved service and water quality. The project will also provide better fire protection in these areas. The attached exhibit shows the service area locations for these improvements.

For this project, staff selected Brixey Engineering & Land Surveying. I have attached a Resolution authorizing the Mayor to execute an agreement for professional engineering services and authorization Number One to said agreement. The cost for the engineering services is set at an amount of \$50,593.00. Funding for this work is available within the department's Water and Sewer Capital Improvements Fund.

Should you or members of the Board have any questions or desire additional information, please let me know.

attachment

pc: Ray Gosack

Consultant Selection Form

Project Name and Number:

Neighborhood Water System Improvements- Jack Freeze Service Area
Project Number 10-02-E1

Project Description:

Engineering design services for replacement approximately 9,850 feet of 2-inch water lines that need to be up graded to 6-inch. This work needs to be completed prior to the streets being overlay in 2010.

Consultants Considered:

Brixey Engineering & Land Surveying Inc.
Hawkins-Weir Engineer, Inc.
Mickle Wagner Coleman Engineers

Consultant Selection:

Brixey Engineering & Land Surveying Inc. Selection based upon the review of consultant qualification statements on file in City Clerk's Office better suited for projects of this nature, time availability to timely complete the design task and considerations related to the distribution of work between local firms.

Reviewer's Signature:

Jack Dill
Name

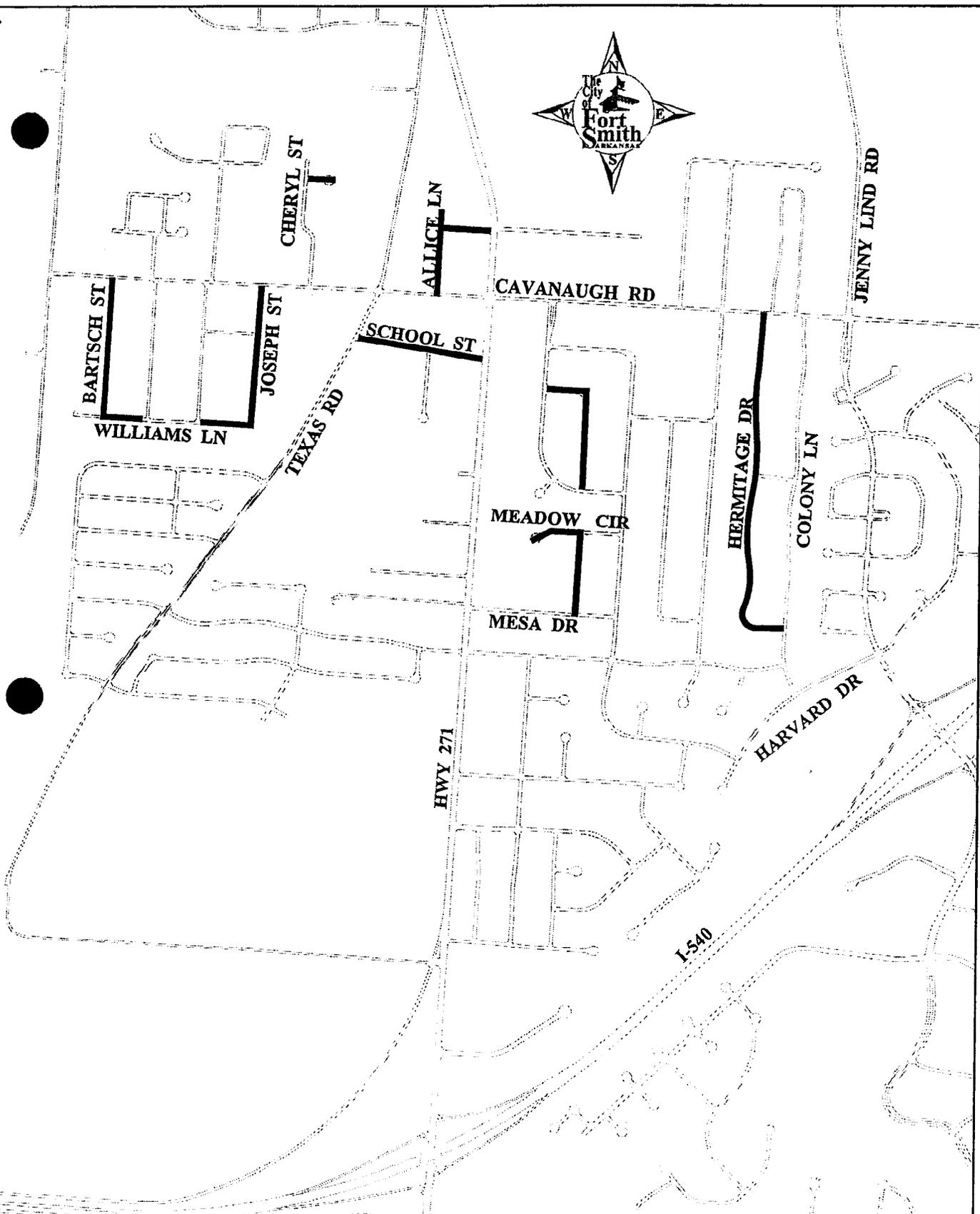
12/16/09
Date

Clinton Allison
Name

12/16/09
Date

Summe B. Johnson
Name

12-16-09
Date



**NEIGHBORHOOD WATER IMPROVEMENTS
JACK FREEZE SERVICE AREA**

PROJECT NO. 10-02-E1
PROJECT VICINITY MAP

Legend
— Proposed Water Line

RESOLUTION NO. _____

11

RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH EDM CONSULTANTS, INC., FOR THE DESIGN OF NEIGHBORHOOD WATER SYSTEM IMPROVEMENTS - NORTH 66TH, OLD GREENWOOD LANE AND DUNCAN ROAD

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

SECTION 1: An Agreement with EDM Consultants, Inc., for design services associated with the Neighborhood Water System Improvements - North 66th, Old Greenwood Lane, and Duncan Road, is hereby approved.

SECTION 2: Authorization Number One providing design and bidding phase services under the Agreement, Project Number 09-22-E1, is hereby approved.

SECTION 3: The Mayor is hereby authorized to execute the Agreement for Professional Engineering Services and Authorization Number One for an amount of \$31,000.00.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:



npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: December 18, 2009

FROM: Steve Parke, Director of Utilities

SUBJECT: Neighborhood Water System Improvements
North 66th, Old Greenwood Lane, and Duncan Road
Project Number 09-22-E1

This project consists of designing approximately 2,800 feet of new water mains to replace old 2-inch galvanized water lines for improved water service and quality. The project will also provide better fire protection in these areas. The attached exhibit shows the service area locations for these improvements.

For this project, staff selected EDM Consultants, Inc., of Fort Smith. I have attached a Resolution authorizing the Mayor to execute an agreement for professional engineering services and authorization Number One to said agreement. The cost for the engineering services is set at an amount of \$31,000.00. Funding for this work is available within the department's Water and Sewer Capital Improvements Fund.

Should you or members of the Board have any questions or desire additional information, please let me know.

attachment

pc: Ray Gosack

Consultant Selection Form

Project Name and Number:

Neighborhood Water System Improvements- North 66th, Old Greenwood Lane and Duncan Road
Project Number 09-22-E1

Project Description:

Engineering design services for replacement of 1200 feet of 2-inch water line on Duncan Street, and 600 feet of 2-inch water line Old Greenwood Lane, and 1000 feet new 8-inch water line to be installed along South 66th Street. This work needs to be completed prior to the streets being overlay in 2010.

Consultants Considered:

EDM Consultants, Inc.
Philip J. Leraris, P.E., L.S.
McGuire Engineering, Inc.,

Consultant Selection:

EDM Consultants, Inc. Selection based upon the review of consultant qualification statements on file in City Clerk's Office better suited for projects of this nature, time availability to timely complete the design task and considerations related to the distribution of work between local firms.

Reviewer's Signature:

Jack Dilb
Name

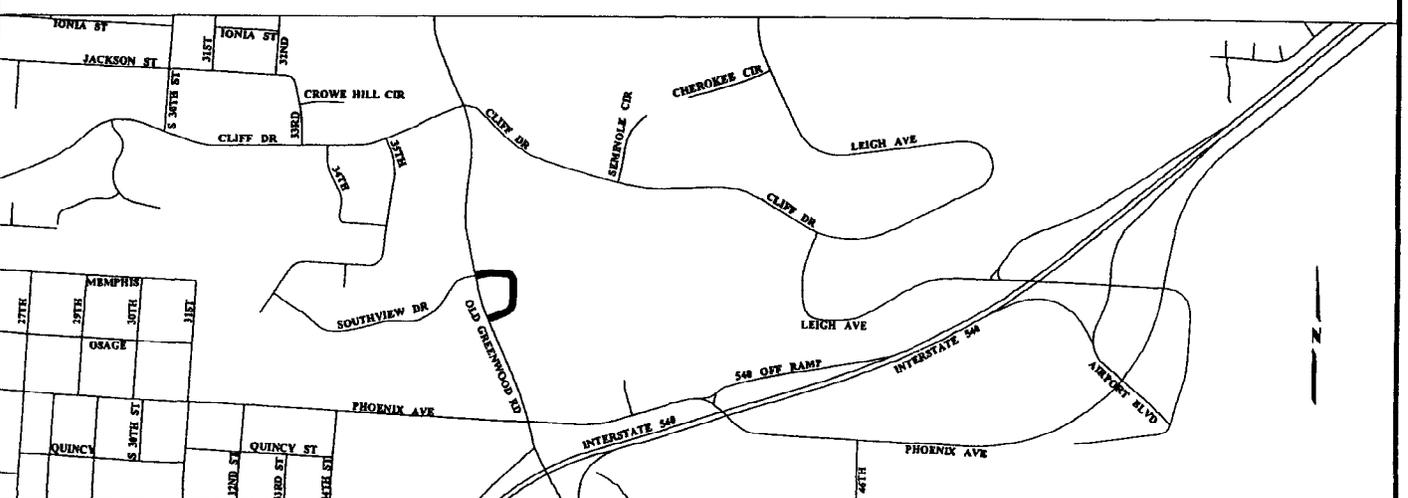
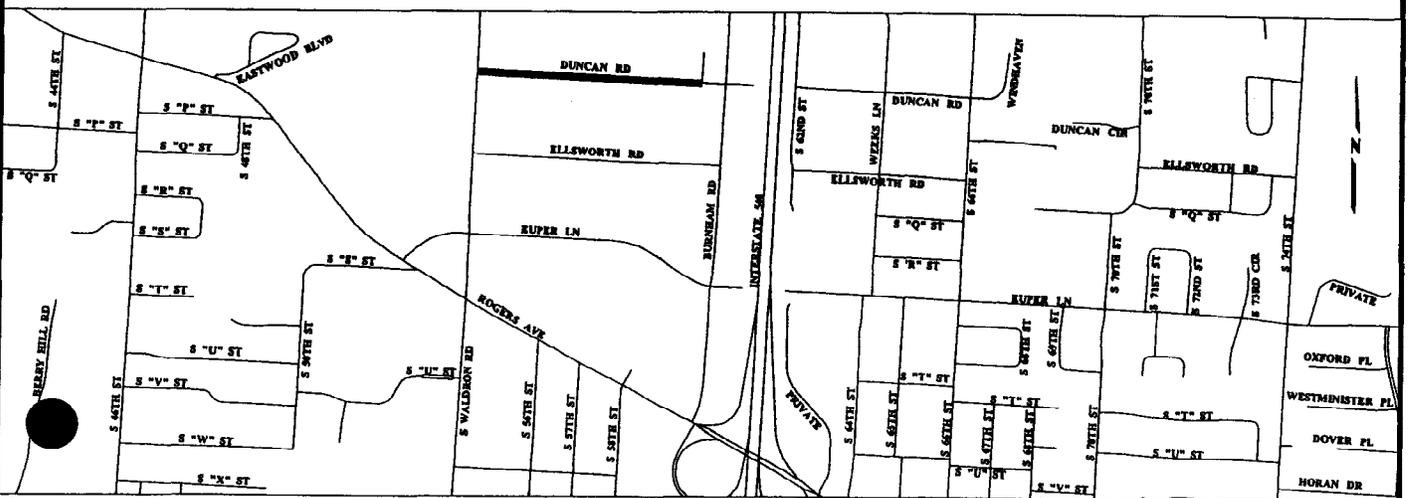
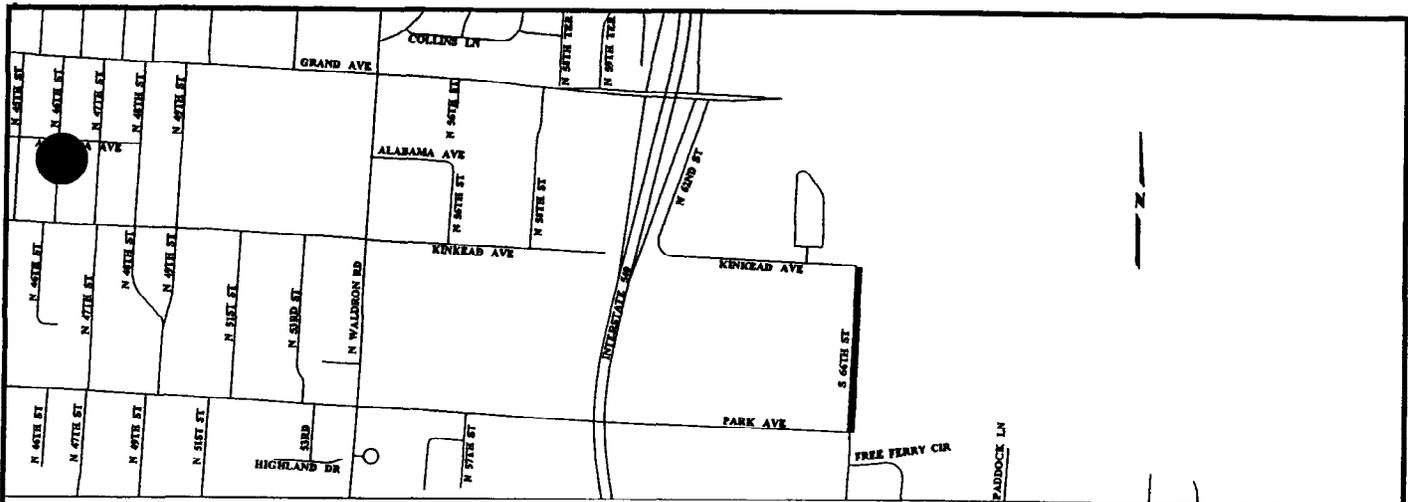
12/16/09
Date

Clinton Allen
Name

12/16/09
Date

Jemma B Johnson
Name

12-16-09
Date



**Neighborhood Water System Improvements
N 66th, Old Greenwood Ln and Duncan
09-22-E1**

RESOLUTION NO. _____

1 J

**RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AMENDMENT
NUMBER ONE WITH MCGUIRE ENGINEERING, INC., FOR ENGINEERING
CONSTRUCTION SERVICES FOR THE WET WEATHER LINE CAPACITY
IMPROVEMENTS SOUTH "O" STREET**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH,
ARKANSAS, that:

SECTION 1: An Amendment Number One with McGuire Engineering, Inc., for construction
phase engineering services for the Wet Weather Line Capacity Improvements South "O" Street,
Project Number 09-11-E2, is hereby approved.

SECTION 2: The Mayor is hereby authorized to execute an Amendment Number One, for an
amount of \$29,840.00, for performance of said services.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

Jose npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: January 5, 2010

FROM: Steve Parke, Director of Utilities

SUBJECT: South "O" Street Sewer Improvements
Project number 09-11-E2

The firm of McGuire Engineering, Inc., designed the South "O" Street Sewer Improvements project which is being recommended for a bid award under a separate companion Resolution. This action is to provide for the construction phase engineering services which is set for an amount of \$29,840.00. Funding for these services is part of the project's budget.

Should you or members of the Board have any questions or need additional information, please let me know.

attachment

pc: Ray Gosack

RESOLUTION NO. _____

1 K

RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AMENDMENT NUMBER THREE TO AUTHORIZATION NUMBER ONE WITH RJN GROUP, INC., FOR PROVIDING ENGINEERING SERVICES ASSOCIATED WITH SANITARY SEWER COLLECTION SYSTEM SUB-BASIN 10-2 WEST

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

SECTION 1: Amendment Number Three to Authorization Number One to the Agreement with RJN Group, Inc., providing construction phase inspection services, Project No. 07-01-E3, for Sanitary Sewer Collection System Sub-Basin 10-2 West, is hereby approved.

SECTION 2: The Mayor is hereby authorized to execute Amendment Number Three for an amount not-to-exceed \$88,000.00, for performance of said services.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:



npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: December 23, 2009

FROM: Steve Parke, Director of Utilities

SUBJECT: Sanitary Sewer Rehabilitation
Sub-Basin 10-2 West
Project Number 07-01-E3

I have attached a Resolution authorizing the Mayor to sign Amendment Number Three to Authorization Number One to the Agreement with RJN Group, Inc., in the amount of \$88,000, for providing engineering services during construction of the above referenced project. RJN Group will conduct a pre-construction conference, review contractor submittals and partial payment applications, review any change order requests, and provide resident construction observation services for the 210 day duration of the project. Funding for these services is available from the bonds issued for wastewater system improvements.

Should you or members of the Board have any questions or desire additional information, please let me know.

attachment

pc: Ray Gosack

RESOLUTION NO. _____

1 L

RESOLUTION ACCEPTING THE BID OF AND AUTHORIZING A CONTRACT WITH WILSON BROTHERS CONSTRUCTION COMPANY, INC., FOR THE SUB-BASIN 10-2 WEST SANITARY SEWER REHABILITATION

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

SECTION 1: The bid of Wilson Brothers Construction Company, Inc., for the construction of the Sub-Basin 10-2 West Sanitary Sewer Rehabilitation, Project Number 09-02-C1, is hereby accepted.

SECTION 2: The Mayor is hereby authorized to execute a contract with Wilson Brothers Construction Company, Inc., for an amount of \$978,486.00, for performing said construction.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

J&C

npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: December 23, 2009

FROM: Steve Parke, Director of Utilities

SUBJECT: Sanitary Sewer Rehabilitation
Sub-Basin 10-2 West
Project Number 09-02-C1

On December 15, 2009, the city received and opened five bids for construction of the Sanitary Sewer Rehabilitation, Sub-Basin 10-2 West project. The low bid was submitted by Wilson Brothers Construction Company, Inc., in the amount of \$978,486.00. A bid tabulation is attached for your information.

This project was designed by RJN Group, Inc., as part of our ongoing effort to address wet weather inflows into the sanitary sewer collection system. Construction includes replacement or relining of 7,520 linear feet of sewer line, 580 linear feet of service line and 58 manholes. Construction time for completion of this project is 210 calendar days. An exhibit showing the project location is attached.

The attached Resolution authorizes the award of the construction contract to Blake Construction Company in the amount of their bid. Funding for construction of this project is available from the bonds issued for wastewater system improvements.

Should you or members of the Board have any questions or desire additional information, please let me know.

attachment

pc: Ray Gosack

Tabulation of Bids Received
Page 1 of 1

Project Name

Sanitary Sewer Rehabilitation Sub-Basin 10-2 West
Project No. 09-02-C1

Bid Opening

December 15, 2009
10:00 A. M.

Bids Received

| | |
|---|------------------------|
| Wilson Brothers Construction Alma, AR | \$ <u>978,486.00</u> |
| Arkansas Cleaning & Televising Little Rock, AR | \$ <u>1,168,265.00</u> |
| Forsgren, Inc. Fort Smith, AR | \$ <u>1,183,957.00</u> |
| Building & Utility Contractors Redfield, AR | \$ <u>1,217,195.00</u> |
| Goodwin & Goodwin, Inc. Fort Smith, AR | \$ <u>1,340,800.00</u> |

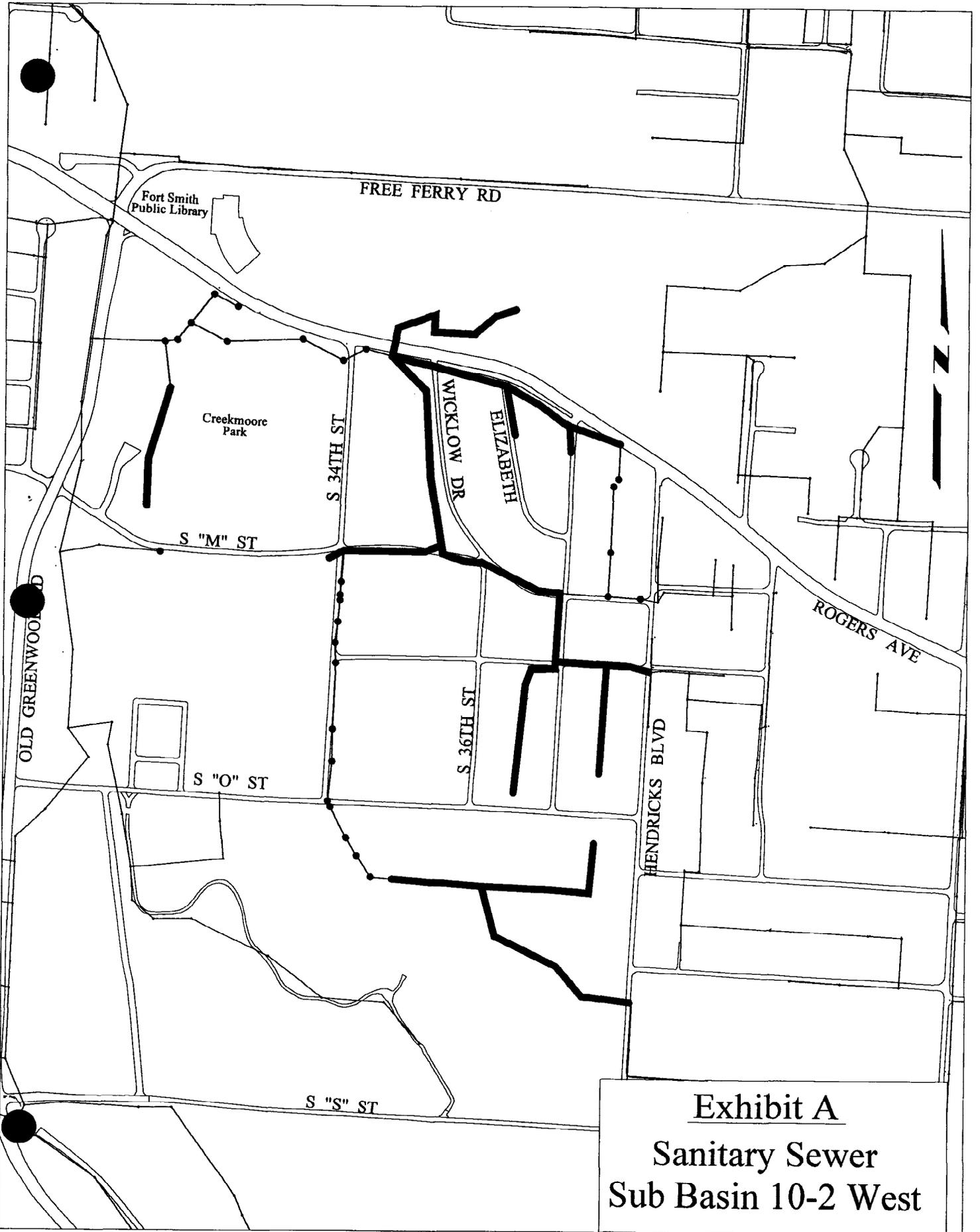


Exhibit A
Sanitary Sewer
Sub Basin 10-2 West

RESOLUTION NO. _____

1 M

RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT AND AUTHORIZATION NUMBER ONE WITH CAMP DRESSER & MCKEE, INC., FOR PROVIDING ENGINEERING SERVICES ASSOCIATED WITH THE MILL CREEK WASTEWATER PUMP STATION WET WEATHER IMPROVEMENTS

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

SECTION 1: An agreement with Camp Dresser and McKee, Inc., for providing engineering services associated with the Mill Creek Wastewater Pump Station Wet Weather Improvements, is hereby approved.

SECTION 2: Authorization Number One to the Agreement providing preliminary design phase services, said services identified as Project Number 10-01-E1, is hereby approved.

SECTION 3: The Mayor is hereby authorized to execute the Agreement for Professional Engineering Services and Authorization Number One for an amount of \$89,376.00.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:



npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: December 23, 2009

FROM: Steve Parke, Director of Utilities

SUBJECT: Mill Creek Wastewater Pump Station Wet Weather Improvements
Engineering Services - Project Number 10-01-E1

As you are aware, the city has undertaken a number of wastewater treatment plant and collection system projects necessary to address manhole overflows and other wastewater system deficiencies that occur during periods of heavy rainfall. These projects were identified in a comprehensive wastewater management plan prepared by Camp Dresser & McKee in 1993. Since completion of the management plan CDM has provided engineering design services on numerous projects as the city has systemically implemented improvement projects necessary for correcting these problems.

One of the projects recommended in the management plan were upgrades to the existing Mill Creek wastewater pump station and construction of a new wet weather pump station and force main to the "P" Street treatment plant. In conjunction with pump station improvements would be the replacement of upstream outfall sewers with larger pipes to convey peak wet weather flows within the Mill Creek basin to the pump station. Completion of these improvements would allow the transfer of larger peak flows to the treatment plant and elimination of overflows within the basin for the design storm selected.

As an alternative to the pumping of all peak flows to the treatment plant staff has discussed with CDM an option to construct equalized storage in the vicinity of the Mill Creek pump station similar to improvements currently under construction within the Sunnymede basin and currently being designed for the Zero Street basin. If viable, this option would shave the peak flow pumping requirements of the Mill Creek pump station, potentially eliminating the need for a new wet weather pump station and force main, and reducing future, peak wet weather loading of the "P" Street wastewater treatment plant.

In order to further explore this option staff asked Camp Dresser & McKee to prepare a scope of services for providing preliminary engineering services. A copy of the project scope is attached for your information. Cost for these services is set for an amount of \$89,376. A Resolution authorizing an Agreement and Authorization Number One for preliminary engineering services is attached. Subsequent authorizations will be presented to the Board as we progress into design, bidding and construction of the improvements selected from the alternatives reviewed. Funding for the preliminary engineering services is available from the bonds issued for wastewater system improvements.

Should you or members of the Board have questions or desire additional information, please let me know.

attachment

pc: Ray Gosack

City of Fort Smith, Arkansas
Mill Creek Pumping Facilities Wet Weather Improvements

The major tasks to be performed under the Study and Preliminary Engineering phase are as follows:

1. Review existing documents and collect equipment information in the field and from equipment manufacturers.
 - Drawings for the Pump Station and forcemain
 - Pump data
 - Geotechnical data
2. Assess and document conditions of existing major equipment, piping, structures that are accessible.
3. Conduct pumping test to determine capacity of existing pumps and to construct a system curve of the existing forcemain. The flow meter at the P Street WWTP will be utilized to determine pumping rate and calibrated pressure gauges will be installed by the City on existing pumps at the Mill Creek Pump Station to record discharge head.
4. Project peak wet weather flows associated with a 1-year, 24-hour storm event and a 5-year, 24-hour storm event using existing sewer model and taking into account the peak flow storage volume available near Pump station No. 13.
5. Determine the possibility and practicality of reusing existing equipment and the modifications required to fit the existing equipment into the expansion/upgrade of the Mill Creek Pumping facilities.
6. Evaluate peak wet weather flow management alternatives at Mill Creek Pump Station.
Alternatives to be evaluated include:
 - a. Convey as much flows as practical to the P Street WWTP with the existing forcemain taking into considerations the condition of the existing pipes and the peak flow handling capability at the P Street plant. Provide flow equalization volume and low lift pumping facility to store the remainder of the projected peak wet weather flows. Following are the subtasks to be performed at a minimum:
 - Determine the necessary modifications to the existing Mill Creek Pump Station to gain the pumping capacity and maximize the use of the existing forcemain.
 - Determine the storage volume requirements for a 1-year, 24-hour storm event, a 5-year, 24-hour storm event and a combination of a 5-year, 24-hour storm event followed by a 1-year, 24-hour storm event within predetermined time periods.

- Determine the footprint of the low lift pump station and the flow equalization tank(s) that provides the required storage volume.
 - Determine the draining time required to empty all wastewater in the storage tank(s) based on the maximum flows that can be delivered to the P Street plant using the existing forcemain. Draining of the peak flow storage tank(s) near the Zero Street Pump Station should be considered in this evaluation.
- b. Expand the existing Mill Creek Pump Station and provide a parallel forcemain to gain the conveyance capacity sufficient to handle the peak wet weather flows associated with a 1-year storm event and a 5-year, 24-hour storm event.
 - c. A combination of Alternatives "a" and "b". (optional)
7. Alternatives are to be evaluated using budgetary cost estimate and non-economic factors, such as reliability, constructability, operability, maintainability, compatibility with other city facilities, ease of implementation, etc.
 8. Conduct periodic review meetings with the City. The anticipated meetings are:
 - a. A project kick-off meeting with Utility management and staff to discuss and confirm project goals and objectives and to brain-storm potential ideas. A visit to the Mill Creek Pump Station site by the project team members will be conducted during this trip.
 - b. Present alternative evaluations and preliminary recommendations.
 - c. Presentation to the Utility Board of the recommended plan, if required.
 - d. Two additional meetings to cover special topics and other issues arising during the course of this project.
 9. Prepare updated construction cost opinion for the recommended alternative.
 10. Prepare draft and final engineering reports. Five (5) copies of the draft engineering report will be submitted for City review. The draft report will be finalized after incorporating City's review comments, as appropriate, and ten (10) copies of the final engineering report submitted for City use.

RESOLUTION NO. _____

1 N

**RESOLUTION ACCEPTING THE BID OF AND AUTHORIZING
A CONTRACT WITH BLAKE CONSTRUCTION COMPANY, INC.,
FOR THE RYE HILL SEWER OUTFALL PHASE III**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT
SMITH, ARKANSAS, that:

SECTION 1: The bid of Blake Construction Company, Inc., for the construction of the
Rye Hill Sewer Outfall Phase III, Project Number 08-08-C3, is hereby accepted.

SECTION 2: The Mayor is hereby authorized to execute a contract with Blake
Construction Company, Inc., for an amount of \$1,421,622.00 for performing said construction.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:



npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: December 23, 2009

FROM: Steve Parke, Director of Utilities

SUBJECT: Rye Hill Sewer Outfall Line Improvements
Project Number 08-08-C3

Bids for construction of the Rye Hill Sewer Outfall Phase III were received on December 22, 2009 with the low bid submitted by Blake Construction Company, Inc., for an amount of \$1,421,622.00. The other bidders and their bid amounts are shown on the attached bid tabulation sheet. Funding for the construction of the Rye Hill sewer outfall line is identified as part of the 2007 and 2008 Water and Sewer Revenue Bonds. The attached Resolution authorizes the award of the construction contract to Blake Construction Company in the amount of their bid.

Should you or members of the Board have any questions or desire additional information, please call.

attachment

pc: Ray Gosack

Tabulation of Bids Received
Page 1 of 1

Project Name

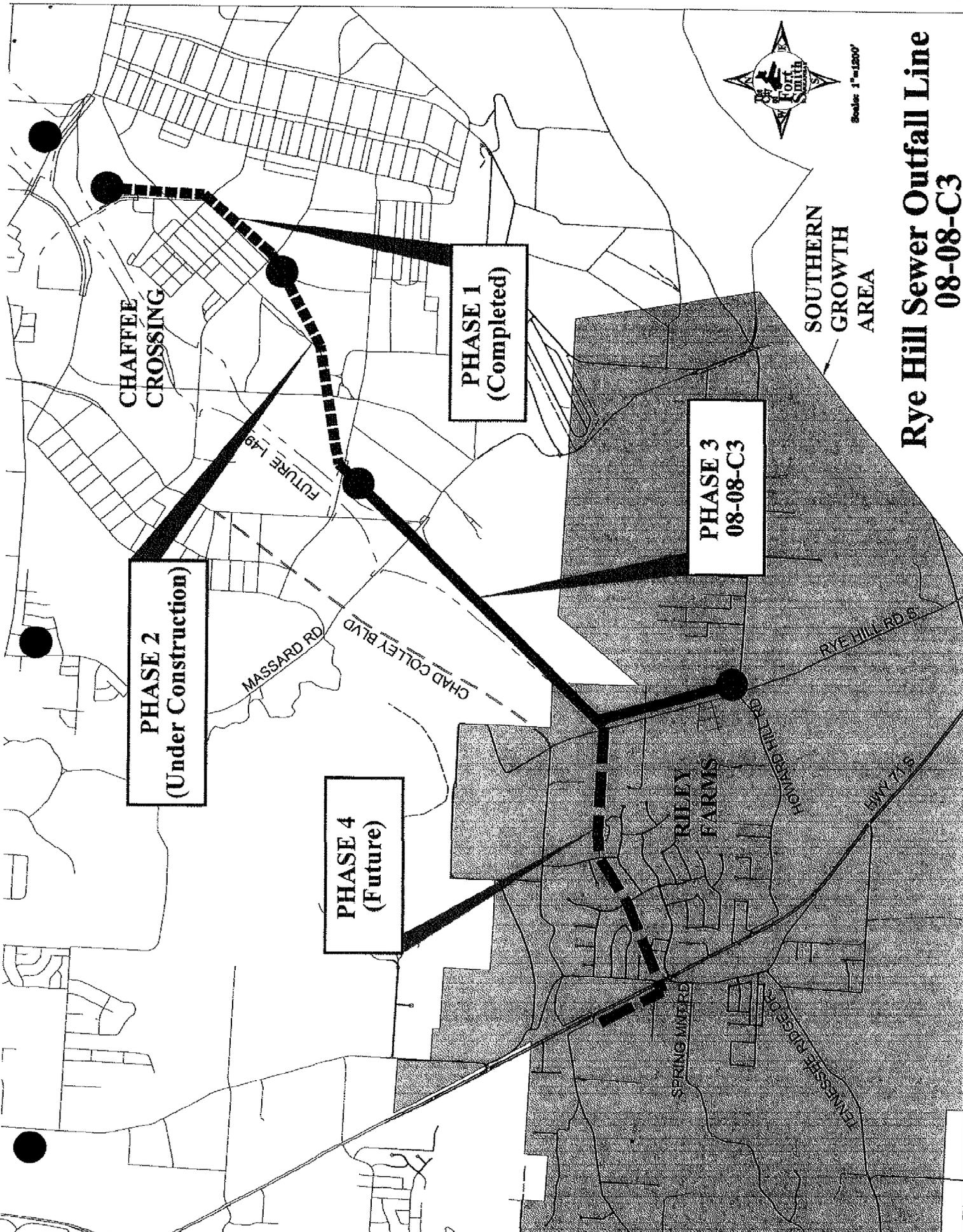
Rye Hill Sewer Outfall Phase III
Project No. 08-08-C3

Bid Opening

December 22, 2009
10:30 A.M.

Bids Received

| | |
|---|------------------------|
| Blake Construction Company, Inc. Barling, Arkansas | <u>\$ 1,421,622.00</u> |
| Kraus Construction Company Fort Smith, Arkansas | <u>\$ 1,768,049.00</u> |
| Crawford Construction Fort Smith, Arkansas | <u>\$ 1,870,129.25</u> |
| Goodwin & Goodwin Fort Smith, Arkansas | <u>\$ 1,891,820.00</u> |
| Forsgren, Inc. Fort Smith, Arkansas | <u>\$ 1,909,351.00</u> |



Rye Hill Sewer Outfall Line 08-08-C3

RESOLUTION NO. _____

10

RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT WITH SHANNON & WILSON, INC., FOR PROVIDING ENGINEERING SERVICES ASSOCIATED WITH YEAR 2010 POST CONSTRUCTION MONITORING AND INSPECTION OF THE LAKE FORT SMITH DAM AND RESERVOIR

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS, that:

SECTION 1: An agreement with Shannon & Wilson, Inc., for providing engineering services associated with Year 2010 Post Construction Monitoring and Inspection of the Lake Fort Smith Dam and Reservoir, Project Number 99-01-E12, is hereby approved.

SECTION 2: The Mayor is hereby authorized to execute an Agreement for an amount of \$96,297.00, for performance of said services.

This Resolution adopted this _____ day of January 2010.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

Jee

npr

INTER-OFFICE MEMO

TO: Dennis Kelly, City Administrator

DATE: December 23, 2009

FROM: Steve Parke, Director of Utilities

SUBJECT: Lake Fort Smith Dam and Reservoir Year 2010
Post Construction Monitoring and Inspection
Project Number 99-01-E12

For the past three years, Shannon & Wilson has provided, either directly or as sub-consultant to Burns & McDonnell, post construction monitoring of the Lake Fort Smith dam and reservoir. Post construction monitoring provides insight about the embankments's movement due to internal stress, verifies that the structure is performing as anticipated by its designers, and that desired factors of safety are met for the protection of downstream life and property. It is standard practice that post construction monitoring be made throughout the first five years following the completion of dam construction. To date, the monitoring and inspection reports show that the embankment and structures are performing well.

Shannon & Wilson have submitted a proposal for providing post construction monitoring services and a comprehensive on-site inspection of the dam and reservoir for year 2010. Under this proposal, Mickle Wagner Coleman will continue to provide monthly instrumentation readings and surveys which will be analyzed by Shannon & Wilson and documented in a monthly report. With assistance from Burns & McDonnell, Shannon & Wilson will also perform a comprehensive inspection of the dam and reservoir and prepare a final report documenting the condition of the structure. The fee for providing the year 2010 services is \$96,297.00 and includes the services of Mickle Wagner Coleman and Burns & McDonnell as sub-consultants to Shannon & Wilson.

A Resolution authorizing an agreement with Shannon & Wilson for providing post construction monitoring and the comprehensive on-site inspection for year 2010 is attached. Funds for this service are available from the Water & Sewer Capital Improvement Project Fund.

Should you or members of the Board have any questions or desire additional information, please let me know.

attachment

pc: Ray Gosack