



## CITY COUNCIL AGENDA MEMO

Council Meeting of April 17, 2012

**To:** Mayor and City Council

**Thru:** Don Marr, Chief of Staff  
Jeremy Pate, Development Services Director

**From:** Chris Brown, City Engineer *CB*

**Date:** March 29, 2012

**Subject:** **A resolution to award a contract in the amount of \$1,759,900.15 to Sweetser Construction, Inc. for the construction of a Roundabout at Fulbright Expwy./Futrall Drive, approve a project contingency of \$90,000.00 (5%), and approve a Budget Adjustment.**

### PROPOSAL:

On March 26<sup>th</sup>, the City received four (4) construction bids ranging from a low of \$1,759,900.15 to a high of \$2,281,574.00. Sweetser Construction, Inc. submitted the low bid which was approximately 2% below the Engineer's Estimate of \$1,800,851.20. The City has received a written recommendation from our consultant engineer, Jacobs, to award this contract to Sweetser Construction and staff concurs with this recommendation. The contract time is 180 days (6 months) for substantial completion.

Please note that as part of the Federal-Aid process, the Mayor has submitted the required Certification Letter to the Arkansas State Highway and Transportation Department (AHTD) requesting their review of the bid tabulations and concurrence in award of the contract to Sweetser Construction, Inc. The actual execution of the construction agreement will occur after receipt of AHTD concurrence.

### RECOMMENDATION:

Staff recommends City Council approval awarding a contract in the amount of \$1,759,900.15 to Sweetser Construction, Inc. for the construction of a Roundabout, approval of a project contingency of \$90,000 (5%), and approval the attached Budget Adjustment. Street Committee recommended approval of this item at the March 27<sup>th</sup> meeting.

### BUDGET IMPACT:

This project is based on an Agreement Of Understanding with AHTD in which Federal Aid money will pay 80% (\$1,407,920) of the contract amount of \$1,759,900 and the City will pay 20% (\$351,980). The Federal portion will be paid from the Federal Earmark received by the City in the 2005 Highway Bill and the City's portion will be paid from the Transportation Bond Fund.

**RESOLUTION NO. \_\_\_\_\_**

A RESOLUTION AWARDDING BID #12-11 AND APPROVING A CONTRACT WITH SWEETSER CONSTRUCTION IN THE AMOUNT OF \$1,759,900.15 FOR THE CONSTRUCTION OF A ROUNDABOUT AT THE FULBRIGHT EXPRESSWAY AND FUTRALL DRIVE, APPROVING A PROJECT CONTINGENCY OF \$90,000.00, AND APPROVING A BUDGET ADJUSTMENT

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF FAYETTEVILLE, ARKANSAS:**

Section 1. That the City Council of the City of Fayetteville, Arkansas hereby awards Bid #12-11 and approves a contract with Sweetser Construction in the amount of \$1,759,900.15 for the construction of a roundabout at the Fulbright Expressway and Futrall Drive.

Section 2. That the City Council of the City of Fayetteville, Arkansas hereby approves a project contingency of \$90,000.00.

Section 3. That the City Council of the City of Fayetteville, Arkansas hereby approves a budget adjustment, a copy of which is attached as Exhibit "A".

**PASSED and APPROVED** this 17<sup>th</sup> day of April, 2012.

APPROVED:

ATTEST:

By: \_\_\_\_\_  
**LIONELD JORDAN**, Mayor

By: \_\_\_\_\_  
**SONDRA E. SMITH**, City Clerk/Treasurer

**City of Fayetteville, Arkansas  
Budget Adjustment Form**

C. 1 V11.0310  
Bid #12-11 Sweetser Construction  
Page 4 of 18

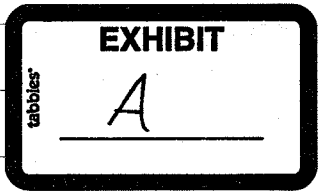
<b>Budget Year</b>  2012	Division: Engineering Department: Development Services	<b>Request Date</b>  3/29/2012	<b>Adjustment Number</b>
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**BUDGET ADJUSTMENT DESCRIPTION / JUSTIFICATION**

Contract for Round About will be awarded to Sweetser (\$1,759,900.15). 80% of this amount will be reimbursed by AHTD. In addition, a refund was received from AHTD (copy included) for a 2004 project(Gregg to Fulbright). This overpayment will not be recognized as revenue and moved to the Transportation Bond Project.

<u>Chris Miller</u> Division Head	<u>3/30/12</u> Date	Prepared By: _____
<u>[Signature]</u> Budget Director	<u>3/29/12</u> Date	Reference: _____
_____ Department Director	_____ Date	Budget & Research Use Only
<u>Paul A. Bell</u> Finance Director	<u>4-2-2012</u> Date	Type:    A        B        C        D        E        P
<u>[Signature]</u> Chief of Staff	<u>4-2-12</u> Date	General Ledger Date _____
<u>[Signature]</u> Mayor	<u>4/3/12</u> Date	Posted to General Ledger _____
		Initial _____ Date _____
		Initial _____ Date _____

Account Name	Account Number	TOTAL BUDGET ADJUSTMENT		Project.Sub Number
		1,463,931 Expense	1,463,931 Revenue	
Federal Grants-Capital	4470.0947.4309.00		1,407,920	06035 . 1710
Street improvements	4470.9470.5809.00	1,407,920		06035 . 1710
Miscellaneous revenue	4470.0947.4999.00		56,011	07018    1
Professional services	4470.9470.5314.00	56,011		06035    2250

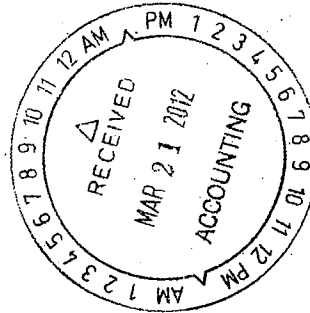


Agency Name: AR STATE HIGHWAY & TRANS DEPT\_  
Address : P.O. BOX: 2261  
City, St Zip: LITTLE ROCK AR 72203-2261

Warrant Num: 12W-0854463  
Warrant Date: 3/19/2012  
Payment Date: 3/19/2012  
C.1 Bid #12-11 Sweetser Construction

Vendor Number: W0090CC

Invoice #	Document Text	Net Amount
80235507752012	VO 44021 PO REFUND JOB 040420	56,011.82



Gregg - Fulbright to Township  
3/16/12 Row pb  
Dickie Lunsford AHTD  
(501) 569-2000 Refund Proj. # 0400  
Stat / City Proj. APAC contract  
ch # 377309 3/7/05 for  
\$330,000.00 RES No-01  
~~4470.0947.4999.00~~  
Proj. 07018.1 if needed

4470.0947.4999.00 Misc Rev.  
Proj. 07018.1

TOTALS THIS WARRANT

56,011.82



THIS WARRANT VOID AFTER JUNE 30, 2013

12W-0854463

Auditor of State of Arkansas  
To the State Treasurer Little Rock, Ark

PAY TO THE ORDER OF

AGENCY NAME: COLLEGE  
0090 03 19 2012

CITY OF FAYETTEVILLE

PAY THIS AMOUNT

\*\*\*\*\*56011.82

DO NOT BEND, FOLD OR MUTILATE

IF THESE FUNDS ARE ISSUED BY THE STATE OF ARKANSAS TO THE PAYEE NAMED HEREON AND THE STATE TREASURER IS HEREBY NOTIFIED BY SAID FUNDS TO THE ORDER OF THE PAYEE OR OF THE CORPORATION HEREIN SPECIFIED  
Charlie Daniels

0090

008 200 76 780

1210054463

## City Of Fayetteville - Purchase Order (PO) Request

(Not a Purchase Order)

*All purchases under \$2500 shall be used on a P-Card unless medical or 1099 service related. (Call x256 with questions)*

*All PO Request shall be scanned to the Purchasing e-mail: [Purchasing@ci.fayetteville.ar.us](mailto:Purchasing@ci.fayetteville.ar.us)*

C. 1

Requisition No.:	Date: Bid #12-11 Sweetser Construction	3/29/2012 Page 6 of 18
P.O Number:	Expected Delivery Date:	

Vendor #: <b>56870</b>	Vendor Name: <b>Sweetser Construction</b>	Mail Yes: <input type="checkbox"/> XX No: <input type="checkbox"/>	Taxable Yes: <input type="checkbox"/> No: <input type="checkbox"/> XX	Quotes Attached Yes: <input type="checkbox"/> No: <input type="checkbox"/> XX
Address: <b>590 West Poplar</b>		Fob Point:		
City: <b>Fayetteville</b>	State: <b>AR</b>	Zip Code: <b>72703</b>	Ship to code:	Division Head Approval:
Requester: <b>Chris Brown</b>		Requester's Employee #: <b>2695</b>		Extension: <b>207</b>

Item	Description	Quantity	Unit of Issue	Unit Cost	Extended Cost	Account Numbers	Project/Subproject #	Inventory #	Fixed Asset #
1	Street Improvements	1		1,407,920.12	\$1,407,920.12	4470.9470.5809.00	06035.1710		
2	This is a grant								
3					\$0.00				
4	Street Improvements	1		351,980.03	\$351,980.03	4520.9520.5809.00	6035.171		
5					\$0.00				
6					\$0.00				
7					\$0.00				
8					\$0.00				
9					\$0.00				
10					\$0.00				
*	Shipping/Handling		Lot		\$0.00				

Special Instructions:

Subtotal:	<b>\$1,759,900.15</b>
Tax:	_____
Total:	<b>\$1,759,900.15</b>

Approvals:

Mayor: _____	Department Director: _____	Purchasing Manager: _____
Finance & Internal Services Director: _____	Budget Manager: _____	IT Manager: _____
Dispatch Manager: _____	Utilities Manager: _____	Other: _____

March 27, 2012

Paul Libertini, PE  
City of Fayetteville Engineering  
113 West Mountain St.  
Fayetteville, Arkansas 72701

Re: FEEDC - AHTD Job 040536 – Recommendation to Award

Dear Paul:

Bids were received for the “Fulbright Expwy. / Futrall Dr. Roundabout” at the City of Fayetteville, Purchasing Division, Room 306 – City Hall, 113 West Mountain Street, Fayetteville, Arkansas 72701, at 2:00p.m., Monday, March 26, 2012.

A total of four bids were received for this project. Sweetser Construction Inc. of Fayetteville, Arkansas submitted the low bid for the project in the amount of \$1,759,900.15. A copy of the bid tabulation of bids received, including the Engineer’s estimate, is attached.

We recommend the City of Fayetteville award the construction contract for “Fulbright Expwy. / Futrall Dr. Roundabout” to the low bidder, Sweetser Construction Inc. of Fayetteville, Arkansas. We believe that the award to Sweetser Construction Inc. represents the best value to the City.

Respectfully,

JACOBS



Kip Guthrie, PE  
Area Manager

Attachments: Job 040536 Bid Tabulation

CC: File

**DOCUMENT 00500 – AGREEMENT**

**BETWEEN THE CITY OF FAYETTEVILLE AND CONTRACTOR**

Contract Name: Job 040536  
Fulbright Expwy./Futtrall Dr.  
Roundabout (Fayetteville)(S)  
Washington County  
F.A.P. HPP2-3757(2)

Contract No.: 12-11

THIS AGREEMENT is dated as of the \_\_\_\_\_ day of \_\_\_\_\_ in the year 20\_\_ by and between City of Fayetteville (hereinafter called Owner) and \_\_\_\_\_ (hereinafter called Contractor).

**ARTICLE 1 - WORK**

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work under this Contract includes, but is not limited to:

Demolition of existing frontage road and intersection and installation of roundabout including associated earthwork, curb and gutter, sidewalk, underground drainage, 12-inch waterline, traffic control devices, and miscellaneous items.

Refer to section 00400 Bid Form for quantities.

**ARTICLE 2 - ENGINEER**

2.01 The Contract has been designed by JACOBS ENGINEERING GROUP, INC. (Jacobs). Jacobs assumes all duties and responsibilities, and has the rights and authority assigned to Engineer in the Contract Documents in connection with completion of the Work in accordance with the Contract Documents.



**DOCUMENT 00500 – AGREEMENT (continued)**

**ARTICLE 3 - CONTRACT TIME**

3.01 TIME OF THE ESSENCE:

- A. All time limits for milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

3.02 DATES FOR SUBSTANTIAL COMPLETION AND FINAL PAYMENT:

- A. The Work will be Substantially Completed within **180** calendar days after the date when the Contract Times commence to run as provided in the GENERAL CONDITIONS and completed and ready for final payment in accordance with the GENERAL CONDITIONS within **210** calendar days after the date when the Contract Times commence to run.

3.03 LIQUIDATED DAMAGES:

- A. Owner and Contractor recognize that time is of the essence of this Agreement and that The City of Fayetteville will suffer financial loss if the Work is not completed within the time specified above, plus any extensions thereof allowed in accordance with the GENERAL CONDITIONS. The parties also recognize the delays, expense, and difficulties involved in proving the actual loss suffered by The City of Fayetteville if the Work is not Substantially Completed on time. Accordingly, instead of requiring any such proof, The City of Fayetteville and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay The City of Fayetteville One Thousand Two Hundred Dollars (\$1,200.00) for each calendar day that expires after the time specified above in Paragraph 3.02 for Substantial Completion until the Work is Substantially Complete. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the time specified in Paragraph 3.02 for completion and readiness for final payment or any proper extension thereof granted by The City of Fayetteville, Contractor shall pay The City of Fayetteville One Thousand Two Hundred Dollars (\$1,200.00) for each

**DOCUMENT 00500 – AGREEMENT (continued)**

calendar day that expires after the time specified for completion and readiness for final payment.

**ARTICLE 4 - CONTRACT PRICE**

- 4.01 The City of Fayetteville agrees to pay, and Contractor agrees to accept, as full and final compensation for all work done under this agreement, the amount based on the prices bid in the Proposal (Bid Form) which is hereto attached, for the actual amount accomplished under each pay item, said payments to be made in lawful money of the United States at the time and in the manner set forth in the Specifications.
- 4.02 As provided in the General Conditions estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer as provided in the General Conditions.

**ARTICLE 5 - PAYMENT PROCEDURES**

- 5.01 **SUBMITTAL AND PROCESSING OF PAYMENTS:**
- A. Contractor shall submit Applications for Payment in accordance with the GENERAL CONDITIONS. Applications for Payment will be processed by Engineer as provided in the GENERAL CONDITIONS.
- 5.02 **PROGRESS PAYMENTS, RETAINAGE:**
- A. The City of Fayetteville shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment as recommended by Engineer. on or about the 15<sup>th</sup> day of each month during construction. All such payments will be measured by the schedule of values established in the GENERAL CONDITIONS (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no schedule of values, as provided in the General Requirements.
1. Progress payments will be made in an amount equal to the percentage indicated below, but, in each case, less the aggregate of payments previously made and less such amounts as Engineer shall

**DOCUMENT 00500 – AGREEMENT (continued)**

determine, or The City of Fayetteville may withhold, in accordance with the GENERAL CONDITIONS.

- a. 95% of Work Completed (with the balance being retainage); and
- b. 100% of Equipment and Materials not incorporated in the Work but delivered, suitably stored, and accompanied by documentation satisfactory to The City of Fayetteville as provided in the GENERAL CONDITIONS.

5.03 **FINAL PAYMENT:**

- A. Upon final completion and acceptance of the Work in accordance with the GENERAL CONDITIONS, The City of Fayetteville shall pay the remainder of the Contract Price as recommended by Engineer and as provided in the GENERAL CONDITIONS.

**ARTICLE 6 - CONTRACTOR 'S REPRESENTATIONS**

6.01 In order to induce The City of Fayetteville to enter into this Agreement, Contractor makes the following representations:

- A. Contractor has examined and carefully studied the Contract Documents including the Addenda and other related data identified in the Bid Documents.
- B. Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, performance, and furnishing of the Work.
- C. Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, performance, and furnishing of the Work.

**DOCUMENT 00500 – AGREEMENT (continued)**

- D. Contractor has carefully studied all:
- (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site; and
  - (2) reports and drawings of a Hazardous Environmental Condition, if any, at the Site. Contractor acknowledges that The City of Fayetteville and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Contract Documents with respect to Underground Facilities at or contiguous to the Site.
- E. Contractor has obtained and carefully studied (or assumes responsibility of having done so) all such additional supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site or otherwise which may affect cost, progress, performance, and furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto.
- F. Contractor does not consider that any additional examinations, investigations, explorations, tests, studies, or data are necessary for the performing and furnishing of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- G. Contractor is aware of the general nature of work to be performed by The City of Fayetteville and others at the Site that relates to the Work as indicated in the Contract Documents.
- H. Contractor has correlated the information known to Contractor, information and observations obtained from visits to the Site, reports and drawings

**DOCUMENT 00500 – AGREEMENT (continued)**

identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.

- I. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents and the written resolution thereof by Engineer is acceptable to Contractor.
- J. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

**ARTICLE 7 - CONTRACT DOCUMENTS**

7.01 **CONTENTS:**

- A. The Contract Documents which comprise the entire Agreement between The City of Fayetteville and Contractor concerning the Work consist of the following and may only be amended, modified, or supplemented as provided in the GENERAL CONDITIONS:
  1. This Agreement.
  2. Exhibits to this Agreement (enumerated as follows):
    - a. Notice to Proceed.
    - b. Contractor's Bid.
    - c. Documentation submitted by Contractor prior to Notice of Award.
    - d. Federal funding documentation.
  3. Performance, Payment, and other Bonds.

**DOCUMENT 00500 – AGREEMENT (continued)**

4. General Conditions.
5. Supplementary Conditions.
6. Specifications consisting of divisions and sections as listed in table of contents of Project Manual.
7. Drawings consisting of a cover sheet and sheets as listed in the table of contents thereof, with the cover sheet bearing the following title:  
  
Fulbright Expwy./Futrall Dr.  
Roundabout (Fayetteville)(S)  
Washington County  
F.A.P. HPP2-3757(2)  
Job 040536
8. Addenda numbers \_\_\_\_\_ ( ) to \_\_\_\_\_ ( ), inclusive.
9. The following which may be delivered or issued after the Effective Date of the Agreement and are not attached hereto: All Written Amendments and other documents amending, modifying, or supplementing the Contract Documents pursuant to the GENERAL CONDITIONS.

**ARTICLE 8 - MISCELLANEOUS**

8.01 TERMS:

- A. Terms used in this Agreement which are defined in the GENERAL CONDITIONS shall have the meanings stated in the GENERAL CONDITIONS.

8.02 ASSIGNMENT OF CONTRACT:

- A. No assignment by a party hereto of any rights under or interests in the Contract Documents will be binding on another party hereto without the written consent of the party sought to be bound; and specifically but without limitation, moneys that may become due and moneys that are due may not be

**DOCUMENT 00500 – AGREEMENT (continued)**

assigned without such consent (except to the extent that the effect of this restriction may be limited by Law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

**8.03 SUCCESSORS AND ASSIGNS:**

- A. The City of Fayetteville and Contractor each binds himself, his partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

**8.04 SEVERABILITY:**

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon The City of Fayetteville and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

**8.05 OTHER PROVISIONS: Not Applicable.**

IN WITNESS WHEREOF, The City of Fayetteville and Contractor have signed this agreement in quadruplicate. One counterpart each has been delivered to Contractor and Engineer. Two counterparts each has been delivered to The City of Fayetteville. All portions of the Contract Documents have been signed, initialed, or identified by The City of Fayetteville and Contractor or identified by Engineer on their behalf.

**DOCUMENT 00500 – AGREEMENT (continued)**

This Agreement will be effective on \_\_\_\_\_, 20\_\_\_\_, which is the Effective Date of the Agreement.

CONTRACTOR \_\_\_\_\_ CITY OF FAYETTEVILLE \_\_\_\_\_

By: \_\_\_\_\_ By: \_\_\_\_\_

Title: \_\_\_\_\_ Title: \_\_\_\_\_

(SEAL)

(SEAL)

Attest \_\_\_\_\_ Attest \_\_\_\_\_

Address for giving notices Address for giving notices

\_\_\_\_\_  
\_\_\_\_\_

License No. \_\_\_\_\_ (attach evidence of authority to

sign and resolution or other documents  
authorizing execution of Agreement)

Agent for Service of process \_\_\_\_\_

(If Contractor is a corporation,  
attach evidence of authority to  
sign.)

Approved As to Form:

By: \_\_\_\_\_

Attorney For: \_\_\_\_\_

END OF DOCUMENT 00500



JOB 040536 - BID TABULATION				Engineers Estimate		Sweetser Construction		APAC - Central		Nabholz		Township	
ITEM #	ITEM	QUANTITY	UNIT	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	SP SUBSURFACE EXPLORATION TO DETERMINE HORIZONTAL AND VERTICAL LOCATION OF EXISTING UNDERGROUND COMMUNICATION FACILITIES	1	LUMP SUM	\$5,000.00	\$5,000.00	\$1,800.00	\$1,800.00	\$2,800.00	\$2,800.00	\$1,200.00	\$1,200.00	\$7,000.00	\$7,000.00
2	SP RELOCATION OF FIBER OPTIC OF COPPER PAIRS, 1-FOOT OR LESS VERTICAL RELOCATION	4	EACH	\$2,500.00	\$10,000.00	\$500.00	\$2,000.00	\$1,000.00	\$4,000.00	\$1,700.00	\$6,800.00	\$2,000.00	\$8,000.00
3	201 CLEARING AND GRUBBING TREES	65	EACH	\$325.00	\$21,125.00	\$150.00	\$9,750.00	\$245.00	\$15,925.00	\$300.00	\$19,500.00	\$200.00	\$13,000.00
4	202 REMOVAL AND DISPOSAL OF ASPHALT DRIVEWAYS	315	SQUARE YARD	\$6.00	\$1,890.00	\$4.00	\$1,260.00	\$8.60	\$2,709.00	\$5.00	\$1,575.00	\$10.00	\$3,150.00
5	202 REMOVAL AND DISPOSAL OF CONCRETE ISLANDS	27	SQUARE YARD	\$15.00	\$405.00	\$10.00	\$270.00	\$13.00	\$351.00	\$34.00	\$918.00	\$9.00	\$243.00
6	202 REMOVAL AND DISPOSAL OF CURB AND GUTTER	5188	LINEAR FOOT	\$5.50	\$28,534.00	\$5.00	\$25,940.00	\$4.10	\$21,270.80	\$2.90	\$15,045.20	\$8.00	\$41,504.00
7	202 REMOVAL AND DISPOSAL OF DROP INLETS	4	EACH	\$800.00	\$3,200.00	\$500.00	\$2,000.00	\$880.00	\$3,520.00	\$55.00	\$220.00	\$1,000.00	\$4,000.00
8	202 REMOVAL AND DISPOSAL OF FENCE	408	LINEAR FOOT	\$2.00	\$816.00	\$2.00	\$816.00	\$5.80	\$2,366.40	\$9.00	\$3,672.00	\$3.00	\$1,224.00
9	202 REMOVAL AND DISPOSAL OF PIPE CULVERTS	4	EACH	\$300.00	\$1,200.00	\$400.00	\$1,600.00	\$590.00	\$2,360.00	\$1,150.00	\$4,600.00	\$700.00	\$2,800.00
10	202 REMOVAL AND DISPOSAL OF WALKS	568	SQUARE YARD	\$10.00	\$5,680.00	\$5.00	\$2,840.00	\$11.80	\$6,702.40	\$5.00	\$2,840.00	\$9.00	\$5,112.00
11	202 REMOVAL AND DISPOSAL OF CONCRETE DITCH PAVING	24	SQUARE YARD	\$15.00	\$360.00	\$5.00	\$120.00	\$14.75	\$354.00	\$48.00	\$1,152.00	\$10.00	\$240.00
12	206 FLOWABLE SELECT MATERIAL	30	CUBIC YARD	\$190.00	\$5,700.00	\$110.00	\$3,300.00	\$230.00	\$6,900.00	\$100.00	\$3,000.00	\$135.00	\$4,050.00
13	207 STONE BACKFILL	20	TON	\$25.00	\$5,000.00	\$24.00	\$4,800.00	\$19.60	\$3,920.00	\$17.50	\$3,500.00	\$30.00	\$6,000.00
14	210 UNCLASSIFIED EXCAVATION	7450	CUBIC YARD	\$4.00	\$29,800.00	\$4.00	\$29,800.00	\$8.15	\$60,717.50	\$11.65	\$86,792.50	\$10.00	\$74,500.00
15	210 COMPACTED EMBANKMENT	3657	CUBIC YARD	\$10.50	\$38,398.50	\$8.00	\$29,256.00	\$7.85	\$28,707.45	\$19.40	\$70,945.80	\$17.00	\$62,169.00
16	SS & 303 AGGREGATE BASE COURSE (CLASS 7)	9189	TON	\$21.00	\$192,969.00	\$18.00	\$165,402.00	\$13.05	\$119,916.45	\$16.20	\$148,861.80	\$22.00	\$202,158.00
17	401 TACK COAT	3304	GALLON	\$2.50	\$8,260.00	\$3.00	\$9,912.00	\$3.10	\$10,242.40	\$3.40	\$11,233.60	\$2.00	\$6,608.00
18	SP, SS & 405 MINERAL AGGREGATE IN ACHM BASE COURSE (1-1/2")	665	TON	\$70.00	\$46,550.00	\$41.20	\$27,398.00	\$40.00	\$26,600.00	\$46.00	\$30,590.00	\$70.00	\$46,550.00
19	SP, SS & 405 ASPHALT BINDER (PG 76-22) IN ACHM BASE COURSE	27	TON	\$625.00	\$16,875.00	\$1,070.45	\$28,902.15	\$750.00	\$20,250.00	\$1,200.00	\$32,400.00	\$920.00	\$24,840.00
20	SP, SS & 406 MINERAL AGGREGATE IN ACHM BINDER COURSE (1")	2333	TON	\$69.00	\$160,977.00	\$40.00	\$93,320.00	\$40.75	\$95,069.75	\$44.50	\$103,818.50	\$47.00	\$109,651.00
21	SP, SS & 406 ASPHALT BINDER (PG 76-22) IN ACHM BINDER COURSE	105	TON	\$580.00	\$60,900.00	\$1,272.75	\$133,638.75	\$750.00	\$78,750.00	\$1,200.00	\$126,000.00	\$920.00	\$96,600.00
22	SP, SS & 407 MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	2141	TON	\$72.00	\$154,152.00	\$42.75	\$91,527.75	\$41.50	\$88,851.50	\$47.50	\$101,697.50	\$58.00	\$124,178.00
23	SP, SS & 407 ASPHALT BINDER (PG 76-22) IN ACHM SURFACE COURSE (1/2")	125	TON	\$710.00	\$88,750.00	\$1,103.40	\$137,925.00	\$750.00	\$93,750.00	\$1,220.00	\$152,500.00	\$920.00	\$115,000.00
24	412 COLD MILLING ASPHALT PAVEMENT	1972	SQUARE YARD	\$2.50	\$4,930.00	\$2.55	\$5,028.60	\$5.25	\$10,353.00	\$3.00	\$5,916.00	\$8.00	\$15,776.00
25	SP, SS & 414 ASPHALT CONCRETE PATCHING FOR MAINTENANCE OF TRAFFIC	50	TON	\$175.00	\$8,750.00	\$175.00	\$8,750.00	\$195.00	\$9,750.00	\$250.00	\$12,500.00	\$150.00	\$7,500.00
26	601 MOBILIZATION	1.00	LUMP SUM	\$60,000.00	\$60,000.00	\$58,557.00	\$58,557.00	\$88,500.00	\$88,500.00	\$60,000.00	\$60,000.00	\$102,467.00	\$102,467.00
27	SS & 603 MAINTENANCE OF TRAFFIC	1.00	LUMP SUM	\$35,650.00	\$35,650.00	\$18,000.00	\$18,000.00	\$80,000.00	\$80,000.00	\$115,000.00	\$115,000.00	\$104,000.00	\$104,000.00
28	SS & 604 SIGNS	340	SQUARE FOOT	\$9.00	\$3,060.00	\$12.60	\$4,284.00	\$15.61	\$5,307.40	\$18.00	\$6,120.00	\$7.00	\$2,380.00
29	SS & 604 TRAFFIC DRUMS	191	EACH	\$54.00	\$10,314.00	\$47.25	\$9,024.75	\$41.62	\$7,949.42	\$47.00	\$8,977.00	\$44.00	\$8,404.00
30	SS & 604 BARRICADES	128	LINEAR FOOT	\$20.00	\$2,560.00	\$47.25	\$6,048.00	\$36.41	\$4,660.48	\$40.00	\$5,120.00	\$37.00	\$4,736.00
31	604 REMOVAL OF PERMANENT PAVEMENT MARKINGS	210	LINEAR FOOT	\$1.00	\$210.00	\$1.05	\$220.50	\$1.04	\$218.40	\$2.00	\$420.00	\$1.00	\$210.00
32	604 REMOVAL OF PERMANENT PAVEMENT MARKINGS (ARROWS)	6	EACH	\$100.00	\$600.00	\$52.50	\$315.00	\$52.02	\$312.12	\$60.00	\$360.00	\$125.00	\$750.00
33	SS & 604 CONSTRUCTION PAVEMENT MARKINGS	6174	LINEAR FOOT	\$0.30	\$1,852.20	\$0.52	\$3,210.48	\$0.52	\$3,210.48	\$0.60	\$3,704.40	\$0.50	\$3,087.00
34	SS & 604 CONSTRUCTION PAVEMENT MARKINGS (WORDS)	5	EACH	\$0.30	\$1.50	\$131.25	\$656.25	\$104.04	\$520.20	\$120.00	\$600.00	\$125.00	\$625.00
35	SS & 604 CONSTRUCTION PAVEMENT MARKINGS (ARROWS)	5	EACH	\$0.30	\$1.50	\$105.00	\$525.00	\$52.02	\$260.10	\$60.00	\$300.00	\$100.00	\$500.00
36	604 REMOVAL OF CONSTRUCTION PAVEMENT MARKINGS	167	EACH	\$1.00	\$167.00	\$1.05	\$175.35	\$1.04	\$173.68	\$2.00	\$334.00	\$1.00	\$167.00
37	604 REMOVABLE CONSTRUCTION PAVEMENT MARKINGS	14197	LINEAR FOOT	\$1.85	\$26,264.45	\$1.30	\$18,456.10	\$1.25	\$17,746.25	\$1.40	\$19,875.80	\$2.00	\$28,394.00
38	605 CONCRETE DITCH PAVING (TYPE B)	50	SQUARE YARD	\$62.25	\$3,112.50	\$32.00	\$1,600.00	\$101.00	\$5,050.00	\$70.00	\$3,500.00	\$44.00	\$2,200.00
39	SS & 606 18" REINFORCED CONCRETE PIPE CULVERT (CLASS III)	1061	LINEAR FOOT	\$55.00	\$58,355.00	\$35.00	\$37,135.00	\$34.70	\$36,816.70	\$44.00	\$46,684.00	\$45.00	\$47,745.00
40	SS & 606 24" REINFORCED CONCRETE PIPE CULVERT (CLASS III)	19	LINEAR FOOT	\$70.00	\$1,330.00	\$65.00	\$1,235.00	\$93.90	\$1,784.10	\$55.00	\$1,045.00	\$56.00	\$1,064.00
41	606 18" FLARED END SECTIONS FOR PIPE CULVERTS	7	EACH	\$1,157.00	\$8,099.00	\$600.00	\$4,200.00	\$1,195.00	\$8,365.00	\$850.00	\$5,950.00	\$900.00	\$6,300.00
42	606 24" FLARED END SECTIONS FOR PIPE CULVERTS	2	EACH	\$1,250.00	\$2,500.00	\$750.00	\$1,500.00	\$1,250.00	\$2,500.00	\$1,000.00	\$2,000.00	\$1,100.00	\$2,200.00
43	606 SELECTED PIPE BEDDING	20	CUBIC YARD	\$19.00	\$380.00	\$18.00	\$360.00	\$67.00	\$1,340.00	\$44.00	\$880.00	\$35.00	\$700.00
44	606 SELECTED PIPE BACKFILL	40	CUBIC YARD	\$16.00	\$640.00	\$16.00	\$640.00	\$67.00	\$2,680.00	\$44.00	\$1,760.00	\$12.00	\$480.00
45	609 DROP INLETS (TYPE E)	1	EACH	\$3,500.00	\$3,500.00	\$2,300.00	\$2,300.00	\$3,700.00	\$3,700.00	\$3,100.00	\$3,100.00	\$3,200.00	\$3,200.00
46	609 DROP INLETS (TYPE MO)	18	EACH	\$2,850.00	\$51,300.00	\$2,150.00	\$38,700.00	\$2,460.00	\$44,280.00	\$2,400.00	\$43,200.00	\$3,300.00	\$59,400.00
47	609 DROP INLETS (TYPE ST)	4	EACH	\$3,500.00	\$14,000.00	\$2,400.00	\$9,600.00	\$4,930.00	\$19,720.00	\$3,600.00	\$14,400.00	\$3,700.00	\$14,800.00
48	609 DROP INLET EXTENSIONS (4')	2	EACH	\$1,300.00	\$2,600.00	\$600.00	\$1,200.00	\$570.00	\$1,140.00	\$650.00	\$1,300.00	\$450.00	\$900.00
49	609 DROP INLET EXTENSIONS (8')	14	EACH	\$1,300.00	\$18,200.00	\$1,200.00	\$16,800.00	\$1,070.00	\$14,980.00	\$1,300.00	\$18,200.00	\$850.00	\$11,900.00
50	611 6" PIPE UNDERDRAINS	320	LINEAR FOOT	\$75.00	\$24,000.00	\$18.00	\$5,760.00	\$11.55	\$3,696.00	\$14.00	\$4,480.00	\$13.00	\$4,160.00
51	620 LIME	12	TON	\$87.00	\$1,044.00	\$105.00	\$1,260.00	\$105.00	\$1,260.00	\$120.00	\$1,440.00	\$125.00	\$1,500.00
52	620 SEEDING	6.17	ACRE	\$1,150.00	\$7,095.50	\$1,890.00	\$11,661.30	\$1,890.00	\$11,661.30	\$1,100.00	\$6,777.00	\$1,500.00	\$9,255.00
53	620 MULCH COVER	8.74	ACRE	\$900.00	\$7,866.00	\$695.00	\$6,074.30	\$693.00	\$6,056.82	\$950.00	\$8,303.00	\$1,200.00	\$10,488.00
54	SS & 620 WATER	683.0	M.G.	\$10.00	\$6,830.00	\$15.75	\$10,757.25	\$15.77	\$10,770.91	\$6.00	\$4,098.00	\$20.00	\$13,660.00
55	621 TEMPORARY SEEDING	2.57	ACRE	\$725.00	\$1,863.25	\$1,045.00	\$2,685.65	\$1,045.00	\$2,685.65	\$950.00	\$2,441.50	\$900.00	\$2,313.00
56	621 SILT FENCE	4910	LINEAR FOOT	\$3.00	\$14,730.00	\$4.20	\$20,622.00	\$4.20	\$20,622.00	\$3.60	\$17,676.00	\$4.00	\$19,640.00
57	621 DROP INLET SILT FENCE	525	LINEAR FOOT	\$11.00	\$5,775.00	\$13.65	\$7,166.25	\$13.70	\$7,192.50	\$12.00	\$6,300.00	\$6.00	\$3,150.00
58	621 SAND BAG DITCH CHECKS	160	BAG	\$9.50	\$1,520.00	\$15.75	\$2,520.00	\$15.80	\$2,528.00	\$12.00	\$1,920.00	\$7.00	\$1,120.00
59	621 ROCK DITCH CHECKS	35	CUBIC YARD	\$60.00	\$2,100.00	\$50.00	\$1,750.00	\$94.00	\$3,290.00	\$45.00	\$1,575.00	\$34.00	\$1,190.00
60	621 SEDIMENT BASIN	150	CUBIC YARD	\$8.50	\$1,275.00	\$5.00	\$750.00	\$29.75	\$4,462.50	\$30.00	\$4,500.00	\$18.00	\$2,700.00
61	621 OBLITERATION OF SEDIMENT BASIN	150	CUBIC YARD	\$10.70	\$1,605.00	\$4.00	\$600.00	\$24.50	\$3,675.00	\$15.00	\$2,250.00	\$14.00	\$2,100.00
62	621 SEDIMENT REMOVAL AND DISPOSAL	920	CUBIC YARD	\$12.00	\$11,040.00	\$6.00	\$5,520.00	\$39.65	\$36,478.00	\$12.00	\$11,040.00	\$10.00	\$9,200.00
63	623 SECOND SEEDING APPLICATION	6.17	ACRE	\$400.00	\$2,468.00	\$472.50	\$2,915.33	\$473.00	\$2,918.41	\$540.00	\$3,331.80	\$900.00	\$5,553.00
64	624 SOLID SODDING	91	SQUARE YARD	\$6.00	\$546.00	\$7.35	\$668.85	\$7.35	\$668.85	\$12.00	\$1,092.00	\$6.00	\$546.00
65	628 TOPSOIL FURNISHED AND PLACED	4977	CUBIC YARD	\$8.50	\$42,304.50	\$16.00	\$79,632.00	\$22.05	\$109,742.85	\$26.00	\$129,402.00	\$20.00	\$99,540.00
66	SP & 631 CONCRETE BARRIER WALL (SIDE TYPE A)	250	LINEAR FOOT	\$150.00	\$37,500.00	\$180.00	\$45,000.00	\$175.00	\$43,750.00	\$220.00	\$55,000.00	\$300.00	\$75,000.00
67													

JOB 040536 - BID TABULATION				Engineers Estimate		Sweetser Construction		APAC - Central		Nabholz		Township	
ITEM #	ITEM	QUANTITY	UNIT	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost	Unit	Cost
				Price		Price		Price		Price		Price	
70	635	1.00	LUMP SUM	\$30,000.00	\$30,000.00	\$18,560.00	\$18,560.00	\$84,000.00	\$84,000.00	\$37,000.00	\$37,000.00	\$67,365.00	\$67,365.00
71	640	3	EACH	\$4,000.00	\$12,000.00	\$1,600.00	\$4,800.00	\$4,780.00	\$14,340.00	\$2,000.00	\$6,000.00	\$1,100.00	\$3,300.00
72	641	24	SQUARE YARD	\$135.00	\$3,240.00	\$150.00	\$3,600.00	\$167.00	\$4,008.00	\$200.00	\$4,800.00	\$130.00	\$3,120.00
73	641	14	SQUARE YARD	\$105.00	\$1,470.00	\$180.00	\$2,520.00	\$160.00	\$2,240.00	\$165.00	\$2,310.00	\$115.00	\$1,610.00
74	718	108	LINEAR FOOT	\$0.75	\$81.00	\$2.10	\$226.80	\$1.04	\$112.32	\$1.20	\$129.60	\$0.50	\$54.00
75	SS & 719	3212	LINEAR FOOT	\$0.50	\$1,606.00	\$1.30	\$4,175.60	\$1.35	\$4,336.20	\$1.50	\$4,818.00	\$0.50	\$1,606.00
76	SS & 719	578	LINEAR FOOT	\$0.75	\$433.50	\$2.60	\$1,502.80	\$2.71	\$1,566.38	\$3.00	\$1,734.00	\$3.00	\$1,734.00
77	SS & 719	864	LINEAR FOOT	\$0.75	\$648.00	\$3.95	\$3,412.80	\$4.99	\$4,311.36	\$6.00	\$5,184.00	\$5.00	\$4,320.00
78	SS & 719	5028	LINEAR FOOT	\$0.75	\$3,771.00	\$1.30	\$6,536.40	\$1.35	\$6,787.80	\$1.50	\$7,542.00	\$0.50	\$2,514.00
79	SS & 719	35	EACH	\$158.00	\$5,530.00	\$157.50	\$5,512.50	\$88.43	\$3,095.05	\$100.00	\$3,500.00	\$250.00	\$8,750.00
80	SS & 719	15	EACH	\$267.00	\$4,005.00	\$183.75	\$2,756.25	\$156.06	\$2,340.90	\$175.00	\$2,625.00	\$300.00	\$4,500.00
81	726	325.45	SQUARE FOOT	\$5.00	\$1,627.25	\$36.75	\$11,960.29	\$26.01	\$8,464.95	\$30.00	\$9,763.50	\$20.00	\$6,509.00
82	801	4.00	CUBIC YARD	\$40.00	\$160.00	\$40.00	\$160.00	\$61.00	\$244.00	\$600.00	\$2,400.00	\$45.00	\$180.00
83	802	19.31	CUBIC YARD	\$550.00	\$10,620.50	\$700.00	\$13,517.00	\$830.00	\$16,027.30	\$880.00	\$16,992.80	\$800.00	\$15,448.00
84	804	1698	POUND	\$1.00	\$1,698.00	\$1.05	\$1,782.90	\$1.50	\$2,547.00	\$1.00	\$1,698.00	\$2.00	\$3,396.00
85	816	4	CUBIC YARD	\$57.00	\$228.00	\$75.00	\$300.00	\$90.00	\$360.00	\$70.00	\$280.00	\$58.00	\$232.00
86	816	8	SQUARE YARD	\$4.10	\$32.80	\$20.00	\$160.00	\$20.00	\$160.00	\$21.50	\$172.00	\$2.00	\$16.00
87	SP	1.00	LUMP SUM	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$7,800.00	\$7,800.00	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00
88	SP	585	EACH	\$15.00	\$8,775.00	\$11.55	\$6,756.75	\$11.33	\$6,628.05	\$7.00	\$4,095.00	\$12.00	\$7,020.00
89	SP	80	EACH	\$6.00	\$480.00	\$11.55	\$924.00	\$11.33	\$906.40	\$6.00	\$480.00	\$12.00	\$960.00
90	SP	8	EACH	\$150.00	\$1,200.00	\$184.80	\$1,478.40	\$181.28	\$1,450.24	\$110.00	\$880.00	\$400.00	\$3,200.00
91	SP	18	EACH	\$15.00	\$270.00	\$36.95	\$665.10	\$36.26	\$652.68	\$25.00	\$450.00	\$50.00	\$900.00
92	SP	5	POUND	\$50.00	\$250.00	\$73.50	\$367.50	\$155.00	\$775.00	\$42.00	\$210.00	\$900.00	\$4,500.00
93	SP	1	LUMP SUM	\$5,750.00	\$5,750.00	\$11,920.00	\$11,920.00	\$10,312.65	\$10,312.65	\$17,000.00	\$17,000.00	\$21,900.00	\$21,900.00
94	SP	2441	SQUARE FOOT	\$15.00	\$36,615.00	\$11.75	\$28,681.75	\$11.20	\$27,339.20	\$19.00	\$46,379.00	\$11.00	\$26,851.00
95	SP	335	LINEAR FOOT	\$45.00	\$15,075.00	\$430.00	\$144,050.00	\$236.00	\$79,060.00	\$330.00	\$110,550.00	\$390.00	\$130,650.00
96	SP	693	CUBIC YARD	\$35.00	\$24,255.00	\$43.90	\$30,422.70	\$43.05	\$29,833.65	\$32.00	\$22,176.00	\$46.00	\$31,878.00
97	SP	104	CUBIC YARD	\$40.00	\$4,160.00	\$60.50	\$6,292.00	\$59.33	\$6,170.32	\$34.00	\$3,536.00	\$42.00	\$4,368.00
98	SP	1	EACH	\$1,500.00	\$1,500.00	\$6,500.00	\$6,500.00	\$6,250.00	\$6,250.00	\$6,100.00	\$6,100.00	\$4,400.00	\$4,400.00
99	SP	1	EACH	\$1,250.00	\$1,250.00	\$4,500.00	\$4,500.00	\$4,200.00	\$4,200.00	\$3,300.00	\$3,300.00	\$3,100.00	\$3,100.00
100	SP	1	EACH	\$1,250.00	\$1,250.00	\$500.00	\$500.00	\$1,185.00	\$1,185.00	\$490.00	\$490.00	\$400.00	\$400.00
101	SP	2	EACH	\$1,250.00	\$2,500.00	\$1,145.00	\$2,290.00	\$1,225.00	\$2,450.00	\$790.00	\$1,580.00	\$500.00	\$1,000.00
102	SP	3	EACH	\$1,000.00	\$3,000.00	\$900.00	\$2,700.00	\$700.00	\$2,100.00	\$760.00	\$2,280.00	\$500.00	\$1,500.00
103	SP	1	EACH	\$1,500.00	\$1,500.00	\$450.00	\$450.00	\$540.00	\$540.00	\$620.00	\$620.00	\$400.00	\$400.00
104	SP	1	EACH	\$1,500.00	\$1,500.00	\$1,225.00	\$1,225.00	\$1,150.00	\$1,150.00	\$920.00	\$920.00	\$600.00	\$600.00
105	SP	3	EACH	\$1,500.00	\$4,500.00	\$3,500.00	\$10,500.00	\$2,500.00	\$7,500.00	\$2,800.00	\$8,400.00	\$1,600.00	\$4,800.00
106	SP	1	EACH	\$150.00	\$150.00	\$4,200.00	\$4,200.00	\$4,450.00	\$4,450.00	\$3,300.00	\$3,300.00	\$4,000.00	\$4,000.00
107	SP	2	EACH	\$75.00	\$150.00	\$350.00	\$700.00	\$860.00	\$1,720.00	\$1,500.00	\$3,000.00	\$400.00	\$800.00
108	SP	222	LINEAR FOOT	\$150.00	\$33,300.00	\$95.00	\$21,090.00	\$95.00	\$21,090.00	\$105.00	\$23,310.00	\$140.00	\$31,080.00
109	SP	707	LINEAR FOOT	\$75.00	\$53,025.00	\$40.00	\$28,280.00	\$36.25	\$25,628.75	\$55.00	\$38,885.00	\$56.00	\$39,592.00
110	SP	1	EACH	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$1,900.00	\$1,900.00	\$1,370.00	\$1,370.00	\$1,000.00	\$1,000.00
111	SP	1	LUMP SUM	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$3,550.00	\$3,550.00	\$7,500.00	\$7,500.00	\$1,000.00	\$1,000.00
					\$1,800,851.20		\$1,759,900.15		\$1,858,756.32		\$2,130,878.40		\$2,281,574.00