

MIS. PANIKS IMPROVITS  
MIDWAY <sup>DR</sup> & CULORUM DR.

BAD FAXAL.

BAD DOC.

ED A. WILSON, INC.

Civil Division

KNOX 817 991 1165

JEFF GOLDHARDT

817/443-3750  
Toll Free: 888/498-7773  
Fax: 817/443-3745

13960 Highway 377 S.  
Fort Worth, Texas 76126  
Email: eawcivil@flash.net

December 01, 2000

**MEMORANDUM**

To: Chris Terry, Assistant City Manager

Through: Mike Murphy, P.E., Director of Public Works

From: Steve Chutchian, P.E., Assistant City Engineer

Cc: Jim Pierce, P.E., Assistant Director of Public Works  
Jim Wilson, Project Manager

Subject: Paving Improvements on Midway Road and Quorum Drive  
Contract award to apparent responsive low bidder.

Attached is a bid tabulation and reference checks from the Public Works Department for the proposed contract award of Paving Improvements on Midway Road and Quorum Drive. All construction on Midway Road and Quorum Drive will be performed Sunday through Thursday between the hours of 10:00p.m. and 6:00a.m.

Portions of Midway Road and Quorum Drive have experienced extensive pavement failures. The existing pavement has approached the end of its expected service life and a combination of repetitive wheel loadings and storm water have created numerous pavement failures. This project performs full depth pavement repairs needed to restore the integrity of each existing roadway.

The lowest apparent responsive bidder was Ed A. Wilson, Inc., in the amount of \$97,440.00. The original estimate for this scope of work was \$91,000.00. The total bid was slightly higher due to anticipated winter weather conditions.

Staff recommends that Council authorize the City Manager to enter into a contract with Ed A. Wilson, Inc. for paving improvements on Midway Road and Quorum Drive in the amount of \$97,440.00.

*Steve Chutchian*

## BID EVALUATION

**DATE:** 11/28/00  
**WORK:** Paving Improvements on Midway Rd. & Quorum Dr. -2001  
**BY:** Engineering/J.Wilson *JW*

ITEM NO. & DESCRIPTION	UNIT PRICE	BIDDER: JDJ	UNIT PRICE	BIDDER: Gibson	UNIT PRICE	BIDDER: Wilson
<b>MIDWAY RD: SOUTH OF BELT LINE RD:</b>						
101 Mob., Bonds, Ins.	LS	\$10,000	LS	\$6,920	LS	\$5,000
102 Barr, signs, traffic	LS	\$10,000	LS	\$2,345	LS	\$2,500
103 ConcExcavHaulDisp	\$25.00 x 182sy	\$4,550	\$30.00 x 182sy	\$5,460	\$25.00 x 182sy	\$4,550
104 ReinfConc Pav8inch	\$292.00 x 182sy	\$53,144	\$149.00 x 182sy	\$27,118	\$140.00 x 182sy	\$25,480
105 FullDepthSawBrkGro	LS	\$5,000	LS	\$1,125	LS	\$3,000
	<b>Subtotal:</b>	<b>\$82,694</b>		<b>\$42,968</b>		<b>\$40,530</b>
<b>MIDWAY RD: NORTH OF BELT LINE RD:</b>						
201 mob, Bonds, Ins.	LS	\$10,000	LS	\$6,015	LS	\$4,500
202 Barr, signs, traffic	LS	\$10,000	LS	\$2,120	LS	\$2,250
203 ConcExcavHaulDisp	\$25.00 x 167sy	\$4,175	\$30.00 x 167sy	\$5,010	\$25.00 x 167sy	\$4,175
204 ReinfConc Pav8inch	\$292.00 x 167sy	\$48,764	\$149.00 x 167sy	\$24,883	\$135.00 x 167sy	\$22,545
205 FullDepthSawBrkGro	LS	\$5,000	LS	\$1,060	LS	\$2,500
	<b>Subtotal:</b>	<b>\$77,939</b>		<b>\$39,088</b>		<b>\$35,970</b>
<b>QUORUM DRIVE (ALL LANES)</b>						
301 Mob Bonds, Insur	LS	\$2,000	LS	\$3,165	LS	\$3,000
302 Barr, signs, traffic	LS	\$2,000	LS	\$1,115	LS	\$2,000
303 ConcExcavHaulDisp	\$25.00 x 86sy	\$2,150	\$30.00 x 86sy	\$2,580	\$25.00 x 86sy	\$2,150
304 ReinfConcPav8inch	\$292.00 x 86sy	\$25,112	\$149.00 x 86sy	\$12,814	\$140.00 x 86sy	\$12,040
305 FullDepthSawBrkGro	LS	\$2,000	LS	\$750	LS	\$1,750
	<b>Subtotal:</b>	<b>\$33,262</b>		<b>\$20,424</b>		<b>\$20,940</b>
	<b>GRAND TOTAL:</b>	<b>\$193,895</b>		<b>\$102,480</b>		<b>\$97,440</b>

ED A. WILSON, INC. CIVIL DIVISION  
 SMALL CITY REFERENCES  
 JUNE, 2000

OWNER	CONTACT	TITLE	TEL NO.
CITY OF FLOWER MOUND ✓	BOB MELTON- JIM COLLETT	<i>Acting:</i> DIRECTOR OF PUBLIC WORKS	972-539-4631
CITY OF SAGINAW (MAY)	DOLPH JOHNSON TERRY HIGHFILL	DIRECTOR OF PUBLIC WORKS	817-232-4640
CITY OF ARLINGTON ✓	DON ISAACS, AIA	PROJECT MANAGER	817-275-3271
CITY OF BEDFORD ✓	JAMES HUGHES	<i>Eng. Proj. Keith Milton</i> PARK SUPT	817-952-2201
CITY OF BEDFORD	BILL CHAVEZ	PROJECT MANAGER	817-952-2258
CITY OF COLLEYVILLE	CHRIS STEUBING	ENGINEER	577-7587
CITY OF DUNCANVILLE	KURT CALDWELL	CITY ENGINEER	972-780-5065
CITY OF ALEDO	PAUL WHALEY, PE	CITY ENGINEER	817-297-4774
CITY OF IRVING ✓	MAJED KHALAF	PROJECT MANAGER	972-721-2611
CITY OF KELLER	TERRY HIGHFILL	DIRECTOR OF PUBLIC WORKS	817-431-1055
CITY OF MANSFIELD	WILLIAM EDWARDS, PE	ENGINEER	817-477-3103
CITY OF TROPHY CLUB	BILL LEGRAND	DIRECTOR OF PUBLIC WORKS	817-430-1911

checked on 11/00  
 GOOD RECORDS  
 RESPONSIVE.

GOOD WORK  
 ON SCHEDULE  
 RE. SPORTS

GOOD WORK  
 TRAINING - RESPONSIVE

6550



FINANCE DEPARTMENT / PURCHASING DIVISION  
(972) 450-7091 – Facsimile (972) 450-7096

5350 Belt Line Road  
Post Office Box 9010 Addison, Texas 75001

TAMMY RIVES  
PURCHASING COORDINATOR

### INVITATION TO BID

The Town of Addison is accepting bids from all interested parties for Miscellaneous Paving Improvements on Midway Road and Quorum Drive.

Bid No: 01-07  
Bid Name: Miscellaneous Paving Improvements on Midway Rd.  
& Quorum Dr. - 2001

Bid Opening: 2:00PM November 27, 2000  
Office of the Purchasing Coordinator  
Addison Finance Building  
5350 Belt Line  
Addison, Texas 75240

Estimate: \$91,000

Please pay particular attention to 1.3 regarding delivery of your bid.

If you do not wish to bid, but do wish to remain on the bidder list, please return an envelope with your company name and address on the outside and clearly marked "NO-BID" BID #01-07 It will not be necessary to return any of the bid forms or documents if you wish to "NO-BID".

Late bids will be returned unopened, and unsigned bids will be rejected as non-responsive.

For questions concerning the bidding process, contact Tammy Rives, Purchasing Coordinator, at 972/450-7091 or e-mail [trives@ci.addison.tx.us](mailto:trives@ci.addison.tx.us). For questions concerning the scope of the work contact Mr. Steve Chutchian, Assistant City Engineer at 972-450-2886 or e-mail [schutchian@ci.addison.tx.us](mailto:schutchian@ci.addison.tx.us).

**TOWN OF ADDISON  
INSTRUCTIONS TO BIDDERS**

**1.0 RECEIPT AND PREPARATION OF THE BID**

- 1.1 Bids will be received by the Purchasing Coordinator of the Town of Addison until time specified in the Invitation to Bid, at which time bids will be publicly opened and read aloud, in the Finance Building of the Town of Addison located at 5350 Belt Line Rd., Addison, TX 75240. Bids must be received by the specified time in order to be considered, and bids submitted after this closing time will not be considered and will be returned unopened.
- 1.2 Each bid shall be enclosed in a sealed envelope, addressed to the Purchasing Coordinator, Town of Addison, P.O. Box 9010, Addison, Texas, 75001. Bids must be labeled in the lower left-hand corner with the bid name and number. Bidders must also include their company name and address on the outside of the envelope.
- 1.3 Bidders are responsible for making certain bids are delivered to the purchasing department. Mailing of a bid does not insure that the bid will be delivered on time or delivered at all. If bidder does not hand deliver bid, it is suggested that he/she use some sort of delivery service that provides a receipt.
- 1.4 Bids may be withdrawn prior to the above scheduled time set for closing of the bids. Any bid received after the time and date specified will not be considered.
- 1.5 The Town of Addison reserves the right to postpone the date and time for opening bids through an addendum.

**2.0 TAXES**

All bids are required to be submitted without State Sales tax. The Town of Addison is exempt from payment of such taxes and a Tax Exemption Certificate will be executed for the successful bidder.

**3.0 SCOPE OF WORK**

The work under this contract shall consist of the items or services contained in the bid, including all materials, equipment, labor and all other items necessary to complete said work in accordance with the contract documents.

**4.0 EXAMINATION OF CONTRACT DOCUMENTS AND SITES**

- 4.1 Before submitting a bid, each bidder must thoroughly examine the contract documents and project site to ensure that the services you are proposing meets the intent of these specifications.
- 4.2 The Town of Addison is not responsible for incomplete bid packets.
- 4.3 Bidders are instructed to return all pages of bid packet that contain written responses from you.

**5.0 BIDDING**

**5.1 Bid Bond**

The Bidder will be required to submit a Bid Security, made payable to the Town of Addison in the amount of five per cent (5%) of the Bidders total bid price. Security shall be in the form of a certified bank check or a Bid Bond issued by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The surety shall also appear as a qualified surety on the list from the U.S. Treasury Department.

The Bid Security of the Successful Bidder will be retained until such Bidder has furnished a performance bond, payment bond, & maintenance bond equal to the total contract price. Contractor shall include this cost in his bid. Bonds must be furnished within five (5) days of the Notice of Award. If the Bidder fails to furnish the required Bonds within the prescribed time, the Owner may annul the Notice of Award and the Bid Security of that Bidder will be forfeited. The Bid Security of any Bidder whom the Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the Contract is awarded.

Attorneys-in-fact who sign bid bonds must file with each bond, a certified and effectively dated copy of their Power of Attorney.

- 5.2 Bidders are instructed to consider the following factors in preparation of your bid:
- a. Bids shall remain firm for a period of 45 calendar days after the scheduled bid opening.
  - b. Exceptions to any specifications, or part thereof, must be clearly stated and included with your Bid Proposal Form.
  - c. Bidders are instructed to include all necessary charges, related to this contract.

## 6.0 AWARD OF CONTRACT

- 6.1 The Town of Addison reserves the right to reject any or all bids, reject any particular item on a bid, and to waive immaterial formalities. The contract will be awarded to the lowest responsible bidder whose bid is most advantageous to the city, price and other factors considered.
- 6.2 Award will be based upon any analysis of the following criteria: Bidders ability to produce the goods or services requested, performance on similar contracts, and an evaluation of the bidder's understanding of the purchaser's needs. To demonstrate bidder's qualifications to perform the work, each bidder must submit with their bid, five (5) customer references for similar miscellaneous pavement improvements projects, including name of customer, telephone number and individual to contact.
- 6.3 The anticipated start date is as soon as practical after the bid is awarded. The Contractor will have thirty (30) calendar days to finish the project, from start date to completion of the project. (The owner feels this project can easily be completed in thirty days or less)
- 6.4 A Purchase Order will be issued in lieu of a contract agreement and 90% of the total price will be paid within thirty days of acceptance of the work and receipt of an invoice from the contractor. The final 10% will be paid when approved by the City Council.
- 6.5 One contract shall be awarded to the lowest responsive bidder based on the total of improvements on all three street segments combined.

## 7.0 CERTIFICATES OF INSURANCE REQUIRED

- 7.1 The Contractor shall agree to furnish and maintain, during the period of this agreement, insurance coverage meeting the following requirements:
- a. Commercial General Liability Insurance at minimum combined single limits of \$500,000 per occurrence and \$1,000,000 general aggregate for Bodily Injury and Property Damage, which coverage shall include Products/Completed Operations, (\$1,000,000 Products/Completed Operations Aggregate) and XCU (explosion, collapse & underground) Hazards. Coverage for Products/ Completed Operations must be maintained for at least two (2) years after the work is completed. Coverage must be written on an Occurrence Form. Contractual Liability must be maintained with respect to the contractor's obligations contained in the contract.



- b. Workers Compensation insurance at statutory limits, including employers liability coverage at minimum limits of \$100,000 per occurrence - each accident, \$100,000 per occurrence - disease, and \$500,000 aggregate - disease.
- c. Commercial automobile liability insurance at minimum combined single limits of \$500,000. per occurrence for owned, non-owned and hired coverage.

7.2 Contractor shall provide the following endorsements:

- a. Named insured wording which includes the Contractor and the Town of Addison with respect to general liability, automobile liability.
- b. All liability policies shall contain cross liability and severability of interest clauses.
- c. A waiver of subrogation in favor of the Town of Addison with respect to the worker's compensation insurance and all other insurance policies.
- d. The policy shall be endorsed to require the insured to immediately notify the Town of Addison of any material changes in the insurance coverage.

7.3 All insurance shall be purchased from an insurance company, which meets the following requirement:

- a. Must be issued by a carrier, which is rated "A-1" or better by A.M. Best's Key Rating Guide.
- b. Licensed and admitted to do business in the State of Texas and is a subscriber to the Texas Guaranty Fund.

7.4 All insurance must be written on forms filed with and approved by the Texas State Board of Insurance. Certificates of insurance shall be prepared and executed by the insurance company or its authorized agent and shall contain provisions representing and warranting the following:

- a. The company is licensed and admitted to do business in the state of Texas.
- b. The Texas State Board of Insurance has approved the company's forms.
- c. Sets forth all endorsements as required above.
- d. The Town of Addison will receive at least thirty (30) days notice prior to cancellation or termination of insurance.

## 8.0 BONDS REQUIRED

Bonds must be executed prior to beginning work on the project and must be executed by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The Surety must be listed in the most recent U.S. Treasury Department's "List of Acceptable Sureties", issued annually on July 1.

- 8.1 The Bid Bond shall be made payable to the Town of Addison in the amount of five per cent (5%) of the Bidders total bid price. Security shall be in the form of a certified bank check or a Bid Bond issued by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The surety shall also appear as a qualified surety on the list from the U.S. Treasury Department

8.2 The **Performance Bond** shall be in an amount equal to the total contract price and guarantee that the Contractor shall repair and/or replace any defects in workmanship or materials used therein, for a period of one (1) year from the date of final acceptance of the work by the owner.

8.3 The **Payment Bond** shall be in an amount equal to the total contract price and guarantee payment to all persons supplying labor and materials or furnishing equipment in the execution of the Contract.

8.4 The **Maintenance Bond** shall furnish by the contractor the Owner, upon acceptance of the work by the Owner. Such Maintenance Bond shall be for a period of one year from the date of acceptance. The amount of the Maintenance Bond shall be 100% of the Contract Price.

All bonds shall be signed by Contractor as principal and by an established bonding company approved by Owner, as surety.

Bonds shall be accompanied by appropriate power-of-attorney clearly establishing extent and limitations of authority of each signer to so sign, and where the work is performed and to whom any requisite notices may be delivered and on whom service of process may be had in matters arising out of such suretyship.

All bonds shall be made on forms complying with requirements of laws of the State of Texas.

**Special Instructions**  
**Miscellaneous Paving Improvements on Midway Rd. & Quorum Dr. - 2001**

**1.0 General**

- 1.1 The bid price shall reflect all necessary charges to include the furnishing of all labor and materials necessary for the complete construction of these repairs. Construction shall be in accordance with all contract documents, the latest edition of the NTCOG Standard Specifications for Public Works Construction, and as described in the specifications. Signs, barricades, warning devices, as a minimum, shall conform to the Texas Manual on Uniform Traffic Control Devices
- 1.2 All work within the public right-of-way shall also comply with the Town of Addison Street Excavation Ordinance #85-094, #88-031 and #608.
- 1.3 All construction on Midway Road and Quorum Drive must be performed Sunday through Thursday between the hours of 10:00 p.m. and 6:00 a.m. The Street Superintendent shall approve all lane closures.
- 1.4 The contractor shall maintain a minimum of one lane of free flow traffic, in each direction on Midway Road and Quorum Drive, at all times.
- 1.5 A copy of the concrete batch design shall be submitted for approval, prior to construction.
- 1.6 Unless stated otherwise on location sheet all pavement repairs to be made without removing existing curb. Street Superintendent to determine location of gutter saw line.
- 1.7 Contractor shall adjust all boxes, valve stacks, clean outs, etc. to finish grade as directed.
- 1.8 All communication with adjacent property owners or tenants shall be the responsibility of the Street Superintendent.
- 1.9 Owner reserves the right to sequence locations of work as necessary.
- 1.10 Contractor shall employ a qualified project manager who will be responsible for directing all work crews. Project Manager shall remain on the job at all times, in order to supervise the work of all sub-contractor, as well as the Contractor's own work crews.

## FULL-DEPTH REPAIR OF EXISTING CONCRETE PAVEMENT

**Description.** This Item shall govern for full-depth repair of portland cement concrete pavement in accordance with the existing roadway section and the details shown on the plans, and to the lines and grades established by the Engineer.

### Materials.

- (1) **Concrete.** Concrete shall be ASTM C-150 Type I.

The course aggregate shall be either Grade 2 or 3. Air entrainment will be required. (Air entrained content of three (3) to six (6) percent, or as directed by the Town of Addison Street Superintendent) The fine aggregate shall be Grade 1 with a fineness modulus of 2.3 to 3.1. All admixtures used shall be pre-approved by the Town of Addison Street Superintendent, except the addition of an ASTM Type C non-chloride set-accelerating admixture that may be required at the job site when the temperature of the concrete is above 55 degrees F. Either transit-mix or central-mix concrete will be permitted. If the concrete fails to reach the required 24 hour strength, the Town of Addison Street Superintendent may direct that the concrete be removed and replaced at the Contractor's expense.

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Concrete shall be designed to include seven and a half (7 ½) sacks of Type I cement. The maximum water cement ratio shall not exceed 5.5 gallons per sack. An ASTM Type A water-reducing admixture and an ASTM Type C non-chloride set-accelerating admixture may be used to achieve the earliest possible concrete-setting times. The concrete will be designed to achieve a minimum flexural strength of 550 p.s.i. in 24 hours. Additional minimum flexural strength requirements are 750 p.s.i. in 14 days.

- (2) **Epoxy.** Epoxy shall be A103 or approved equal and shall be installed per the manufacturer's instructions.

### Construction Methods.

The areas to be repaired will be outlined on the slab by the Town of Addison Street Superintendent. The square yardage shown on the plans to be repaired is for bidding purposes only. Actual dimensions of areas to be repaired will be determined during construction by the Town of Addison Street Superintendent.

A pressure relief groove approximately 2 inches deep shall be sawed transversely 6 inches (to the inside) from the patch ends. Full-depth saw cuts shall be made transversely along the patch ends. Unless otherwise shown on the plans, longitudinal saw cuts shall be full depth along the patch sides. If in the opinion of the Town of Addison Street Superintendent, spalling occurs along the full-depth longitudinal saw cut, the longitudinal saw cutting shall then include a longitudinal 2-inch deep pressure relief groove and be performed in the same manner as the transverse saw cutting. Additional full-depth saw cuts may be made as needed to facilitate removal of the concrete within the limits of the required full-depth cuts. Concrete adjacent to the patch shall not be spalled or fractured by the removal procedure.

NOTE - Only perimeter full depth saw cuts are a pay item. All additional saw cuts are incidental to the pavement pay item. The concrete shall be removed, taking care not to disturb the underlying pavement support. The total lift-out method shall be used within the limits of the full-depth saw cuts. The lift-out method shall include having the slab

loaded directly onto trucks. There shall be no breaking up of the slab along side the repair area.

All loose sub-base material shall be removed and replaced with concrete, and is incidental to the pavement pay item.

With regard to individual repair locations, the Contractor shall schedule his work so that the concrete placement will follow the full-depth saw cut by no more than seven (7) days. Repairs made on streets requiring night work will be excavated, poured, and open to traffic in eight (8) hours. Repairs on streets allowing daytime work must be opened to traffic within twelve (12) hours of start of excavation.

New reinforcing bars shall be placed and firmly supported by approved bar chairs.

For all concrete pavement, the following procedure of reinforcement shall apply:

The longitudinal tie-bars shall be reinforcing steel as detailed on the plans. The depth of reinforcing steel into the existing concrete shall be not less than 6 inches. The longitudinal tie-bars shall be epoxy grouted into the existing concrete.

Transverse tie-bars shall be No. 5 X 24 inches reinforcing steel and shall be epoxy grouted, with the same grout as used for the longitudinal tie-bars, into the existing concrete pavement to a depth of 12 inches. All reinforcing steel for the repair shall be No. 5 X 12" on center.

Drilling of holes for tie-bars in the existing slab shall be by core drilling only, no hand-held hammer or impact drilling permitted.

Concrete placement shall not begin in a given patch until the tie-bar and dowel-bar grout has attained sufficient strength to preclude displacement of the tie-bars by the concrete, or as determined by the Town of Addison Street Superintendent. Grout retention disks shall be used when required on the plans.

Immediately prior to placing the concrete, the sub-base and each face of existing concrete shall be wetted. Approved hand manipulated mechanical vibrators shall be used to insure the proper consolidation of the concrete. The concrete shall be screeded to the elevation of the adjacent concrete pavement and checked with a straightedge to insure that the riding surface will be satisfactory. The concrete shall be given a broom finish and all edges shall be tooled.

The concrete shall be cured immediately after finishing operations have been completed. Membrane curing shall be used for the curing of the repaired area. The curing period shall extend only until the repaired area is opened to traffic.

The repaired area may be opened to traffic when the concrete has attained a flexural strength of 255 p.s.i. All test specimens representing tests for opening to traffic shall be cured using the same methods and under the same conditions as the repaired area. Modifications to the specified construction methods, requested by the Contractor, must be submitted to the Town of Addison Street Superintendent in writing for his approval.

**Measurement.**

This Item will be measured by the square yard of surface area, except for areas that require repair which were damaged by the negligence of the Contractor.

**Payment.**

The work performed and the materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Reinforced Concrete Pavement", of the nominal depth specified. This price shall be full compensation for additional sawing and breaking the existing pavement structure; for the removal and loading of the broken concrete or loose sub-base; for furnishing all materials; for all reinforcing steel; for all curing; and for all manipulations, labor, equipment, tools and incidentals necessary to complete the work.

Expansion joints are subsidiary and not a pay item.

**Miscellaneous Paving Improvements on Midway Road and Quorum Drive - 2001**

**Midway Road (south of Belt Line Rd.)**

182 s.y.

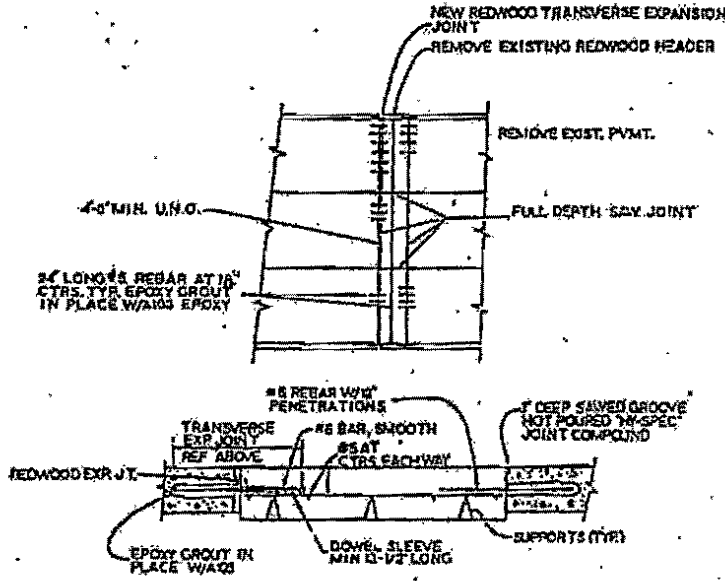
**Midway Road (north of Belt Line Rd.)**

167 s.y.

**Quorum Drive (all lanes)**

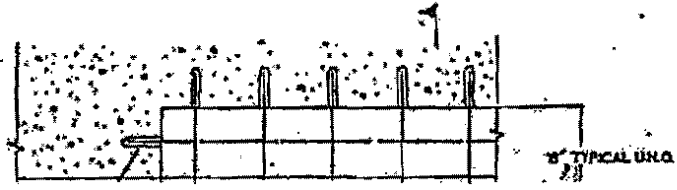
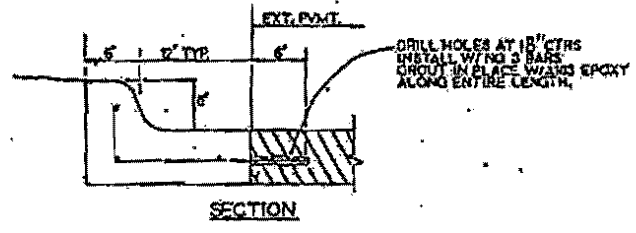
86 s.y.

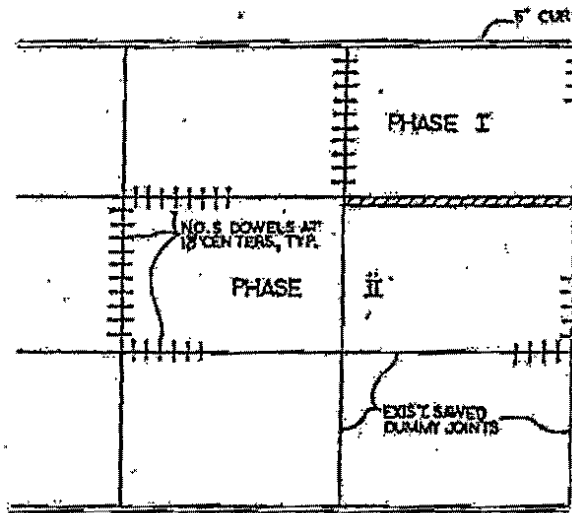
Note: the quantities shown above represent total square yardage of repair for each street segment. The Town of Addison shall mark individual repair locations prior to initiation of construction.



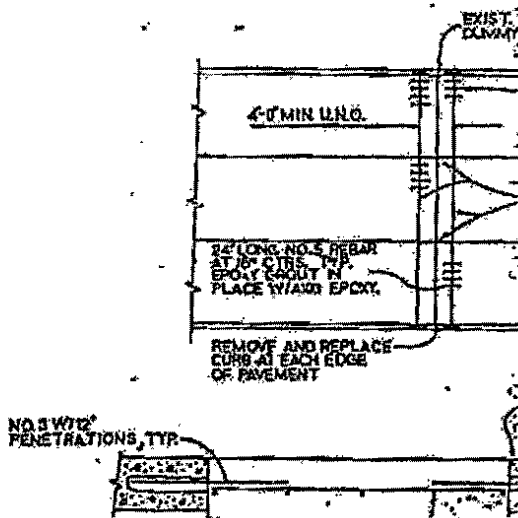
**TRANSVERSAL EXPANSION JOINT REPLACEMENT**

NOTE:  
 WHEN TRANSVERSE EXPANSION JOINT OCCURS AT ONLY ONE LANE OR TWO LANES (REF PLANS REF. 72) REDWOOD HEADER AT SAME LOCATION AS EXISTING, TO MATCH EXIST. LOCATION OF REDWOOD, NO. 4 REBARS EXIST. AND NEW REDWOOD HEADERS SHALL BE ALLOWED.





TYPICAL PAVEMENT REMOVAL DETAIL





**BID FORM**  
**BID NO. 01-07**  
**MISC. PAVING IMPROVEMENTS ON MIDWAY RD & QUORUM DR. - 2001**

**BIDDER'S NAME** Ed A. Wilson, Inc. **T.I.N.** 75-1092671

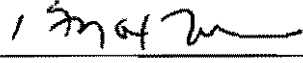
**ADDRESS** 13960 Hwy. 377 South **CITY** Fort Worth **ZIP** 76126

**PHONE** (817) 443-3750 **FAX** (817) 443-3745

**E-MAIL** eawcivil@swbell.net

I have received, read and understand all pages of these instructions and specifications. I will abide by all areas of these specifications, and I am a legal agent of the above named company, authorized to sign this bid.

Affiant further states that Bidder has not paid, given, or donated or agreed to pay, give or donate to any officer or employee of the Town of Addison any money or other thing of value, either directly or indirectly, in procuring of the Contract.

**AUTHORIZED OFFICER / OWNER**  - Secretary  
 (Signature) (Title)

**NAME OF CONTACT** Knox Ross

**MIDWAY ROAD (SOUTH OF BELT LINE RD.)**

Item #	Estimated Qty.	Description	Unit Price	Total
101	Lump sum	Mobilization, Bonds & Insurance		\$ <u>5,000<sup>00</sup></u>
102	Lump sum	Barricades, signs and Traffic control devices		\$ <u>2,500<sup>00</sup></u>
103	182 Square yards	Concrete excavation including hauling and disposal of surplus materials	\$ <u>25<sup>00</sup></u>	\$ <u>4,550<sup>00</sup></u> <del>25,480<sup>00</sup></del>
104	182 Square yards	8" + 550 psi Flex 24 hrs. 50 Flex at 14 days, reinforced concrete pavement complete in place	\$ <u>135<sup>00</sup></u>	\$ <u>24,570<sup>00</sup></u> <del>24,570<sup>00</sup></del> KR
105	Lump sum	Full depth sawed breakout groove perimeter only		\$ <u>3,000<sup>00</sup></u>
<b>SUB-TOTAL MATERIALS AND SERVICES</b>				\$ <u>40,530<sup>00</sup></u>

**MIDWAY ROAD (NORTH OF BELT LINE RD.)**

Item #	Estimated Qty.	Description	Unit Price	Total
201	Lump Sum	Mobilization, Bonds & Insurance		\$ <u>4,500<sup>00</sup></u>
202	Lump sum	Barricades, signs and Traffic control devices		\$ <u>2,250<sup>00</sup></u>
203	167 Square yards	Concrete excavation including hauling and disposal of surplus materials	\$ <u>25<sup>00</sup></u>	\$ <u>4,175<sup>00</sup></u>
204	167 Square yards	8" + 550 psi Flex 24 hrs. 50 Flex at 14 days, reinforced concrete pavement complete in place	\$ <u>135<sup>00</sup></u>	\$ <u>22,545<sup>00</sup></u>
205	Lump sum	Full depth sawed breakout groove perimeter only		\$ <u>2,500<sup>00</sup></u>
<b>SUB-TOTAL MATERIALS AND SERVICES</b>				\$ <u>35,970<sup>00</sup></u>

**QUORUM DRIVE (ALL LANES)**

Item #	Estimated Qty.	Description	Unit Price	Total
301	Lump Sum	Mobilization, Bonds & Insurance		\$ <u>3,000<sup>00</sup></u>
302	Lump Sum	Barricades, signs and Traffic control devices		\$ <u>2,000<sup>00</sup></u>
303	86 Square Yards	Concrete excavation including hauling and disposal of surplus materials	\$ <u>25<sup>00</sup></u>	\$ <u>2,150<sup>00</sup></u>
304	86 Square Yards	8" + 550 psi Flex 24 hrs. 50 Flex at 14 days, reinforced concrete pavement complete in place	\$ <u>140<sup>00</sup></u>	\$ <u>12,040<sup>00</sup></u>
305	Lump Sum	Full depth sawed breakout groove perimeter only		\$ <u>1,750<sup>00</sup></u>
<b>SUB-TOTAL MATERIALS AND SERVICES</b>				\$ <u>20,940<sup>00</sup></u>
<b>GRAND TOTAL MATERIALS AND SERVICES</b>				\$ <u>97,440<sup>00</sup></u>

**Customer References**

**Company Name**

**Contact**

**Phone Number**

1. SEE ATTACHED SHEET \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

ED A. WILSON, INC. CIVIL DIVISION  
 SMALL CITY REFERENCES  
 JUNE, 2000

OWNER	CONTACT	TITLE	TEL NO.
CITY OF FLOWER MOUND ✓	BOB MELTON JIM CULLEAL	<i>Aching:</i> DIRECTOR OF PUBLIC WORKS	972-539-4631
CITY OF SAGINAW (MARK)	DOLPH JOHNSON TERRY HIGHFILL	DIRECTOR OF PUBLIC WORKS	817-232-4640
CITY OF ARLINGTON ✓	DON ISAACS, AIA ADA WORK	PROJECT MANAGER	817-75-3271
CITY OF BEDFORD	JAMES HUGHES	<i>Eng. Proj. Keith Milton</i> PARK SUPT	817-952-2201
CITY OF BEDFORD	BILL CHAVEZ	PROJECT MANAGER	817-952-2258
CITY OF COLLEYVILLE	CHRIS STEUBING	ENGINEER	577-7587
CITY OF DUNCANVILLE	KURT CALDWELL	CITY ENGINEER	972-780-5065
CITY OF ALEDO	PAUL WHALEY, PE	CITY ENGINEER	817-297-4774
CITY OF IRVING ✓	MAJED KHALAF	PROJECT MANAGER	972-721-2611
CITY OF KELLER	TERRY HIGHFILL	DIRECTOR OF PUBLIC WORKS	817-431-1055
CITY OF MANSFIELD	WILLIAM EDWARDS, PE	ENGINEER	817-477-3103
CITY OF TROPHY CLUB	BILL LEGRAND	DIRECTOR OF PUBLIC WORKS	817-430-1911

Checked on 11/00  
 GOOD RECORDS  
 RESPONSIVE

GOOD WORK  
 ON SCHEDULE  
 RE SPORTS

GOOD WORK  
 TRAINING - RESPONSIVE

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

**Bid Bond**

KNOW ALL MEN BY THESE PRESENTS, that we  
Ed. A Wilson, Inc., P.O. Box 11423, Fort Worth, TX 76110  
as Principal, hereinafter called the Principal, and  
American National Fire Insurance Company  
580 Walnut Street  
Cincinnati, Ohio, 45202

(Here insert full name and address or legal title of Surety)

a corporation duly organized under the laws of the State of New York  
as Surety, hereinafter called the Surety, are held and firmly bound unto

(Here insert full name and address or legal title of Owner)

Town of Addison

as Oblige, hereinafter called the Oblige, in the sum of

\*\*\* FIVE PERCENT OF BID AMOUNT \*\*\*

Dollars ( 5% )

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind  
ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by  
these presents.

WHEREAS, the Principal has submitted a bid for  
PAVING IMPROVEMENTS MIDWAY RD. & QUORUM DRIVE

(Here insert full name, address and description of project)

NOW, THEREFORE, if the Oblige, shall accept the bid of the Principal and the Principal shall enter into a Contract with the Oblige,  
in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with  
good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in  
the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the  
Principal shall pay to the Oblige, the difference not to exceed the penalty hereof between the amount specified in said bid and such  
larger amount for which the Oblige, may in good faith contract with another party to perform the Work covered by said bid, then this  
obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 27th day of November, 2000

Beverly Famen  
(Witness)

Ed. A Wilson, Inc.  
(Principal)

(Seal)

Knox Ross  
(Title) Secretary

Sharon Joma  
(Witness)

American National Fire Insurance Company (Surety) (Seal)

Staci Gross  
(Title) Attorney-in-Fact

# AMERICAN NATIONAL FIRE INSURANCE COMPANY®

New York, New York

Administrative Office: 580 WALNUT STREET • CINCINNATI, OHIO 45202 • 513-369-5000 • FAX 513-723-2740

The number of persons authorized by  
this power of attorney is not more than

No. 0 16486

FOUR

## POWER OF ATTORNEY

**KNOW ALL MEN BY THESE PRESENTS:** That the AMERICAN NATIONAL FIRE INSURANCE COMPANY, a corporation organized and existing under and by virtue of the laws of the State of New York, does hereby nominate, constitute and appoint the person or persons named below its true and lawful attorney-in-fact, for it and in its name, place and stead to execute in behalf of the said Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; provided that the liability of the said Company on any such bond, undertaking or contract of suretyship executed under this authority shall not exceed the limit stated below.

Name	Address	Limit of Power
DONAL BOLEY	ALL OF	ALL
STEVE DEAL	WICHITA FALLS, TEXAS	UNLIMITED

This Power of Attorney revokes all previous powers issued in behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF the AMERICAN NATIONAL FIRE INSURANCE COMPANY has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 9th day of July, 1998.

Attest

AMERICAN NATIONAL FIRE INSURANCE COMPANY

STATE OF OHIO, COUNTY OF HAMILTON — ss:

On this 9th day of July, 1998, before me personally appeared DOUGLAS R. BOWEN, to me known, being duly sworn, deposes and says that he resided in Cincinnati, Ohio, that he is the Vice President of the Bond Division of American National Fire Insurance Company, the Company described in and which executed the above instrument; that he knows the seal; that it was so affixed by authority of his office under the By-Laws of said Company, and that he signed his name thereto by like authority.

This Power of Attorney is granted by authority of the following resolutions adopted by the Board of Directors of American National Fire Insurance Company by unanimous written consent dated July 27, 1995.

*RESOLVED: That the Division President, the several Division Vice Presidents and Assistant Vice Presidents, or any one of them, be and hereby is authorized, from time to time, to appoint one or more Attorneys-In-Fact to execute on behalf of the Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; to prescribe their respective duties and the respective limits of their authority; and to revoke any such appointment at any time.*

*RESOLVED FURTHER: That the Company seal and the signature of any of the aforesaid officers and any Secretary or Assistant Secretary of the Company may be affixed by facsimile to any power of attorney or certificate of either given for the execution of any bond, undertaking, contract or suretyship, or other written obligation in the nature thereof, such signature and seal when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.*

## CERTIFICATION

I, RONALD C. HAYES, Assistant Secretary of American National Fire Insurance Company, do hereby certify that the foregoing Power of Attorney and the Resolutions of the Board of Directors of July 27, 1995 have not been revoked and are now in full force and effect.

Signed and sealed this 27th day of November, 2000



**FINANCE DEPARTMENT / PURCHASING DIVISION**  
(972) 450-7091 – Facsimile (972) 450-7096

**5350 Belt Line Road**  
Post Office Box 9010 Addison, Texas 75001

**TAMMY RIVES**  
PURCHASING COORDINATOR

### **INVITATION TO BID**

The Town of Addison is accepting bids from all interested parties for Miscellaneous Paving Improvements on Midway Road and Quorum Drive.

**Bid No:** 01-07  
**Bid Name:** Miscellaneous Paving Improvements on Midway Rd.  
& Quorum Dr. - 2001

**Bid Opening:** 2:00PM November 27, 2000  
Office of the Purchasing Coordinator  
Addison Finance Building  
5350 Belt Line  
Addison, Texas 75240

**Estimate:** \$91,000

Please pay particular attention to 1.3 regarding delivery of your bid.

If you do not wish to bid, but do wish to remain on the bidder list, please return an envelope with your company name and address on the outside and clearly marked **"NO-BID" BID #01-07** It will not be necessary to return any of the bid forms or documents if you wish to "NO-BID".

**Late bids will be returned unopened, and unsigned bids will be rejected as non-responsive.**

For questions concerning the bidding process, contact Tammy Rives, Purchasing Coordinator, at 972/450-7091 or e-mail [trives@ci.addison.tx.us](mailto:trives@ci.addison.tx.us). For questions concerning the scope of the work contact Mr. Steve Chutchian, Assistant City Engineer at 972-450-2886 or e-mail [schutchian@ci.addison.tx.us](mailto:schutchian@ci.addison.tx.us).

**TOWN OF ADDISON  
INSTRUCTIONS TO BIDDERS**

**1.0 RECEIPT AND PREPARATION OF THE BID**

- 1.1 Bids will be received by the Purchasing Coordinator of the Town of Addison until time specified in the Invitation to Bid, at which time bids will be publicly opened and read aloud, in the Finance Building of the Town of Addison located at 5350 Belt Line Rd., Addison, TX 75240. Bids must be received by the specified time in order to be considered, and bids submitted after this closing time will not be considered and will be returned unopened.
- 1.2 Each bid shall be enclosed in a sealed envelope, addressed to the Purchasing Coordinator, Town of Addison, P.O. Box 9010, Addison, Texas, 75001. Bids must be labeled in the lower left-hand corner with the bid name and number. Bidders must also include their company name and address on the outside of the envelope.
- 1.3 Bidders are responsible for making certain bids are delivered to the purchasing department. Mailing of a bid does not insure that the bid will be delivered on time or delivered at all. If bidder does not hand deliver bid, it is suggested that he/she use some sort of delivery service that provides a receipt.
- 1.4 Bids may be withdrawn prior to the above scheduled time set for closing of the bids. Any bid received after the time and date specified will not be considered.
- 1.5 The Town of Addison reserves the right to postpone the date and time for opening bids through an addendum.

**2.0 TAXES**

All bids are required to be submitted without State Sales tax. The Town of Addison is exempt from payment of such taxes and a Tax Exemption Certificate will be executed for the successful bidder.

**3.0 SCOPE OF WORK**

The work under this contract shall consist of the items or services contained in the bid, including all materials, equipment, labor and all other items necessary to complete said work in accordance with the contract documents.

**4.0 EXAMINATION OF CONTRACT DOCUMENTS AND SITES**

- 4.1 Before submitting a bid, each bidder must thoroughly examine the contract documents and project site to ensure that the services you are proposing meets the intent of these specifications.
- 4.2 The Town of Addison is not responsible for incomplete bid packets.
- 4.3 Bidders are instructed to return all pages of bid packet that contain written responses from you.

**5.0 BIDDING**

**5.1 Bid Bond**

The Bidder will be required to submit a Bid Security, made payable to the Town of Addison in the amount of five per cent (5%) of the Bidders total bid price. Security shall be in the form of a certified bank check or a Bid Bond issued by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The surety shall also appear as a qualified surety on the list from the U.S. Treasury Department.



The Bid Security of the Successful Bidder will be retained until such Bidder has furnished a performance bond, payment bond, & maintenance bond equal to the total contract price. Contractor shall include this cost in his bid. Bonds must be furnished within five (5) days of the Notice of Award. If the Bidder fails to furnish the required Bonds within the prescribed time, the Owner may annul the Notice of Award and the Bid Security of that Bidder will be forfeited. The Bid Security of any Bidder whom the Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the Contract is awarded.

Attorneys-in-fact who sign bid bonds must file with each bond, a certified and effectively dated copy of their Power of Attorney.

- 5.2 Bidders are instructed to consider the following factors in preparation of your bid:
- a. Bids shall remain firm for a period of 45 calendar days after the scheduled bid opening.
  - b. Exceptions to any specifications, or part thereof, must be clearly stated and included with your Bid Proposal Form.
  - c. Bidders are instructed to include all necessary charges, related to this contract.

## 6.0 AWARD OF CONTRACT

- 6.1 The Town of Addison reserves the right to reject any or all bids, reject any particular item on a bid, and to waive immaterial formalities. The contract will be awarded to the lowest responsible bidder whose bid is most advantageous to the city, price and other factors considered.
- 6.2 Award will be based upon any analysis of the following criteria: Bidders ability to produce the goods or services requested, performance on similar contracts, and an evaluation of the bidder's understanding of the purchaser's needs. To demonstrate bidder's qualifications to perform the work, each bidder must submit with their bid, five (5) customer references for similar miscellaneous pavement improvements projects, including name of customer, telephone number and individual to contact.
- 6.3 The anticipated start date is as soon as practical after the bid is awarded. The Contractor will have thirty (30) calendar days to finish the project, from start date to completion of the project. (The owner feels this project can easily be completed in thirty days or less)
- 6.4 A Purchase Order will be issued in lieu of a contract agreement and 90% of the total price will be paid within thirty days of acceptance of the work and receipt of an invoice from the contractor. The final 10% will be paid when approved by the City Council.
- 6.5 One contract shall be awarded to the lowest responsive bidder based on the total of improvements on all three street segments combined.

## 7.0 CERTIFICATES OF INSURANCE REQUIRED

- 7.1 The Contractor shall agree to furnish and maintain, during the period of this agreement, insurance coverage meeting the following requirements:
- a. Commercial General Liability Insurance at minimum combined single limits of \$500,000 per occurrence and \$1,000,000 general aggregate for Bodily Injury and Property Damage, which coverage shall include Products/Completed Operations, (\$1,000,000 Products/Completed Operations Aggregate) and XCU (explosion, collapse & underground) Hazards. Coverage for Products/ Completed Operations must be maintained for at least two (2) years after the work is completed. Coverage must be written on an Occurrence Form. Contractual Liability must be maintained with respect to the contractor's obligations contained in the contract.

- b. Workers Compensation insurance at statutory limits, including employers liability coverage at minimum limits of \$100,000 per occurrence - each accident, \$100,000 per occurrence - disease, and \$500,000 aggregate - disease.
- c. Commercial automobile liability insurance at minimum combined single limits of \$500,000. per occurrence for owned, non-owned and hired coverage.

7.2 Contractor shall provide the following endorsements:

- a. Named insured wording which includes the Contractor and the Town of Addison with respect to general liability, automobile liability.
- b. All liability policies shall contain cross liability and severability of interest clauses.
- c. A waiver of subrogation in favor of the Town of Addison with respect to the worker's compensation insurance and all other insurance policies.
- d. The policy shall be endorsed to require the insured to immediately notify the Town of Addison of any material changes in the insurance coverage.

7.3 All insurance shall be purchased from an insurance company, which meets the following requirement:

- a. Must be issued by a carrier, which is rated "A-1" or better by A.M. Best's Key Rating Guide.
- b. Licensed and admitted to do business in the State of Texas and is a subscriber to the Texas Guaranty Fund.

7.4 All insurance must be written on forms filed with and approved by the Texas State Board of Insurance. Certificates of insurance shall be prepared and executed by the insurance company or its authorized agent and shall contain provisions representing and warranting the following:

- a. The company is licensed and admitted to do business in the state of Texas.
- b. The Texas State Board of Insurance has approved the company's forms.
- c. Sets forth all endorsements as required above.
- d. The Town of Addison will receive at least thirty (30) days notice prior to cancellation or termination of insurance.

## 8.0 BONDS REQUIRED

Bonds must be executed prior to beginning work on the project and must be executed by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The Surety must be listed in the most recent U.S. Treasury Department's "List of Acceptable Sureties", issued annually on July 1.

- 8.1 The Bid Bond shall be made payable to the Town of Addison in the amount of five per cent (5%) of the Bidders total bid price. Security shall be in the form of a certified bank check or a Bid Bond issued by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The surety shall also appear as a qualified surety on the list from the U.S. Treasury Department

8.2 The **Performance Bond** shall be in an amount equal to the total contract price and guarantee that the Contractor shall repair and/or replace any defects in workmanship or materials used therein, for a period of one (1) year from the date of final acceptance of the work by the owner.

8.3 The **Payment Bond** shall be in an amount equal to the total contract price and guarantee payment to all persons supplying labor and materials or furnishing equipment in the execution of the Contract.

8.4 The **Maintenance Bond** shall furnish by the contractor the Owner, upon acceptance of the work by the Owner. Such Maintenance Bond shall be for a period of one year from the date of acceptance. The amount of the Maintenance Bond shall be 100% of the Contract Price.

All bonds shall be signed by Contractor as principal and by an established bonding company approved by Owner, as surety.

Bonds shall be accompanied by appropriate power-of-attorney clearly establishing extent and limitations of authority of each signer to so sign, and where the work is performed and to whom any requisite notices may be delivered and on whom service of process may be had in matters arising out of such suretyship.

All bonds shall be made on forms complying with requirements of laws of the State of Texas.

**Special Instructions**  
**Miscellaneous Paving Improvements on Midway Rd. & Quorum Dr. - 2001**

**1.0 General**

- 1.1 The bid price shall reflect all necessary charges to include the furnishing of all labor and materials necessary for the complete construction of these repairs. Construction shall be in accordance with all contract documents, the latest edition of the NTCOG Standard Specifications for Public Works Construction, and as described in the specifications. Signs, barricades, warning devices, as a minimum, shall conform to the Texas Manual on Uniform Traffic Control Devices
- 1.2 All work within the public right-of-way shall also comply with the Town of Addison Street Excavation Ordinance #85-094, #88-031 and #608.
- 1.3 All construction on Midway Road and Quorum Drive must be performed Sunday through Thursday between the hours of 10:00 p.m. and 6:00 a.m. The Street Superintendent shall approve all lane closures.
- 1.4 The contractor shall maintain a minimum of one lane of free flow traffic, in each direction on Midway Road and Quorum Drive, at all times.
- 1.5 A copy of the concrete batch design shall be submitted for approval, prior to construction.
- 1.6 Unless stated otherwise on location sheet all pavement repairs to be made without removing existing curb. Street Superintendent to determine location of gutter saw line.
- 1.7 Contractor shall adjust all boxes, valve stacks, clean outs, etc. to finish grade as directed.
- 1.8 All communication with adjacent property owners or tenants shall be the responsibility of the Street Superintendent.
- 1.9 Owner reserves the right to sequence locations of work as necessary.
- 1.10 Contractor shall employ a qualified project manager who will be responsible for directing all work crews. Project Manager shall remain on the job at all times, in order to supervise the work of all sub-contractor, as well as the Contractor's own work crews.

## FULL-DEPTH REPAIR OF EXISTING CONCRETE PAVEMENT

**Description.** This Item shall govern for full-depth repair of portland cement concrete pavement in accordance with the existing roadway section and the details shown on the plans, and to the lines and grades established by the Engineer.

### Materials.

- (1) **Concrete.** Concrete shall be ASTM C-150 Type I.

The course aggregate shall be either Grade 2 or 3. Air entrainment will be required. (Air entrained content of three (3) to six (6) percent, or as directed by the Town of Addison Street Superintendent) The fine aggregate shall be Grade 1 with a fineness modulus of 2.3 to 3.1. All admixtures used shall be pre-approved by the Town of Addison Street Superintendent, except the addition of an ASTM Type C non-chloride set-accelerating admixture that may be required at the job site when the temperature of the concrete is above 55 degrees F. Either transit-mix or central-mix concrete will be permitted. If the concrete fails to reach the required 24 hour strength, the Town of Addison Street Superintendent may direct that the concrete be removed and replaced at the Contractor's expense.

Concrete shall be designed to include seven and a half (7 ½ ) sacks of Type I cement. The maximum water cement ratio shall not exceed 5.5 gallons per sack. An ASTM Type A water-reducing admixture and an ASTM Type C non-chloride set-accelerating admixture may be used to achieve the earliest possible concrete-setting times. The concrete will be designed to achieve a minimum flexural strength of 550 p.s.i. in 24 hours. Additional minimum flexural strength requirements are 750 p.s.i. in 14 days.

- (2) **Epoxy.** Epoxy shall be A103 or approved equal and shall be installed per the manufacturer's instructions.

### Construction Methods.

The areas to be repaired will be outlined on the slab by the Town of Addison Street Superintendent. The square yardage shown on the plans to be repaired is for bidding purposes only. Actual dimensions of areas to be repaired will be determined during construction by the Town of Addison Street Superintendent.

A pressure relief groove approximately 2 inches deep shall be sawed transversely 6 inches (to the inside) from the patch ends. Full-depth saw cuts shall be made transversely along the patch ends. Unless otherwise shown on the plans, longitudinal saw cuts shall be full depth along the patch sides. If in the opinion of the Town of Addison Street Superintendent, spalling occurs along the full-depth longitudinal saw cut, the longitudinal saw cutting shall then include a longitudinal 2-inch deep pressure relief groove and be performed in the same manner as the transverse saw cutting. Additional full-depth saw cuts may be made as needed to facilitate removal of the concrete within the limits of the required full-depth cuts. Concrete adjacent to the patch shall not be spalled or fractured by the removal procedure.

NOTE - Only perimeter full depth saw cuts are a pay item. All additional saw cuts are incidental to the pavement pay item. The concrete shall be removed, taking care not to disturb the underlying pavement support. The total lift-out method shall be used within the limits of the full-depth saw cuts. The lift-out method shall include having the slab

loaded directly onto trucks. There shall be no breaking up of the slab along side the repair area.

All loose sub-base material shall be removed and replaced with concrete, and is incidental to the pavement pay item.

With regard to individual repair locations, the Contractor shall schedule his work so that the concrete placement will follow the full-depth saw cut by no more than seven (7) days. Repairs made on streets requiring night work will be excavated, poured, and open to traffic in eight (8) hours. Repairs on streets allowing daytime work must be opened to traffic within twelve (12) hours of start of excavation.

New reinforcing bars shall be placed and firmly supported by approved bar chairs.

For all concrete pavement, the following procedure of reinforcement shall apply:

The longitudinal tie-bars shall be reinforcing steel as detailed on the plans. The depth of reinforcing steel into the existing concrete shall be not less than 6 inches. The longitudinal tie-bars shall be epoxy grouted into the existing concrete.

Transverse tie-bars shall be No. 5 X 24 inches reinforcing steel and shall be epoxy grouted, with the same grout as used for the longitudinal tie-bars, into the existing concrete pavement to a depth of 12 inches. All reinforcing steel for the repair shall be No. 5 X 12" on center.

Drilling of holes for tie-bars in the existing slab shall be by core drilling only, no hand-held hammer or impact drilling permitted.

Concrete placement shall not begin in a given patch until the tie-bar and dowel-bar grout has attained sufficient strength to preclude displacement of the tie-bars by the concrete, or as determined by the Town of Addison Street Superintendent. Grout retention disks shall be used when required on the plans.

Immediately prior to placing the concrete, the sub-base and each face of existing concrete shall be wetted. Approved hand manipulated mechanical vibrators shall be used to insure the proper consolidation of the concrete. The concrete shall be screeded to the elevation of the adjacent concrete pavement and checked with a straightedge to insure that the riding surface will be satisfactory. The concrete shall be given a broom finish and all edges shall be tooled.

The concrete shall be cured immediately after finishing operations have been completed. Membrane curing shall be used for the curing of the repaired area. The curing period shall extend only until the repaired area is opened to traffic.

The repaired area may be opened to traffic when the concrete has attained a flexural strength of 255 p.s.i. All test specimens representing tests for opening to traffic shall be cured using the same methods and under the same conditions as the repaired area. Modifications to the specified construction methods, requested by the Contractor, must be submitted to the Town of Addison Street Superintendent in writing for his approval.

**Measurement.**

This Item will be measured by the square yard of surface area, except for areas that require repair which were damaged by the negligence of the Contractor.

**Payment.**

The work performed and the materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Reinforced Concrete Pavement"; of the nominal depth specified. This price shall be full compensation for additional sawing and breaking the existing pavement structure; for the removal and loading of the broken concrete or loose sub-base; for furnishing all materials; for all reinforcing steel; for all curing; and for all manipulations, labor, equipment, tools and incidentals necessary to complete the work.

Expansion joints are subsidiary and not a pay item.

**Miscellaneous Paving Improvements on Midway Road and Quorum Drive - 2001**

**Midway Road (south of Belt Line Rd.)**

182 s.y.

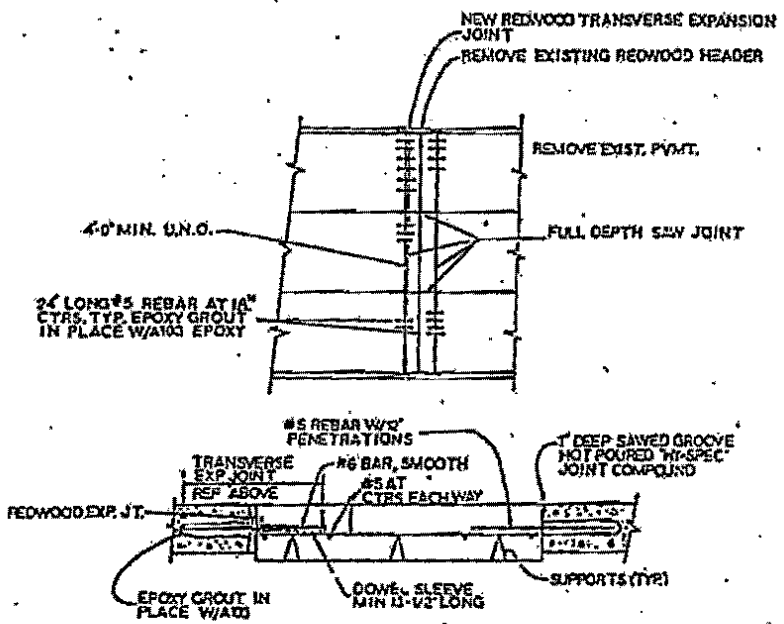
**Midway Road (north of Belt Line Rd.)**

167 s.y.

**Quorum Drive (all lanes)**

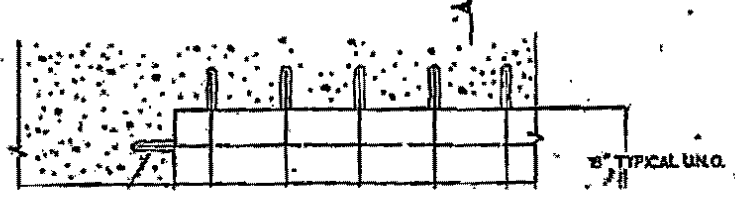
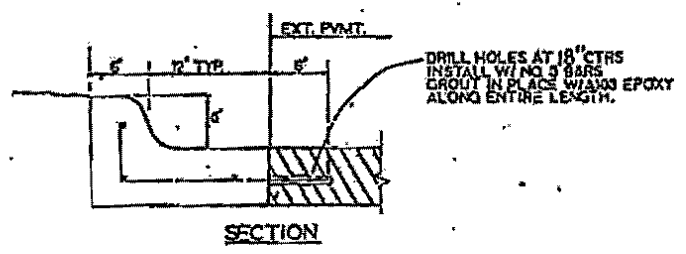
86 s.y.

Note: the quantities shown above represent total square yardage of repair for each street segment. The Town of Addison shall mark individual repair locations prior to initiation of construction.

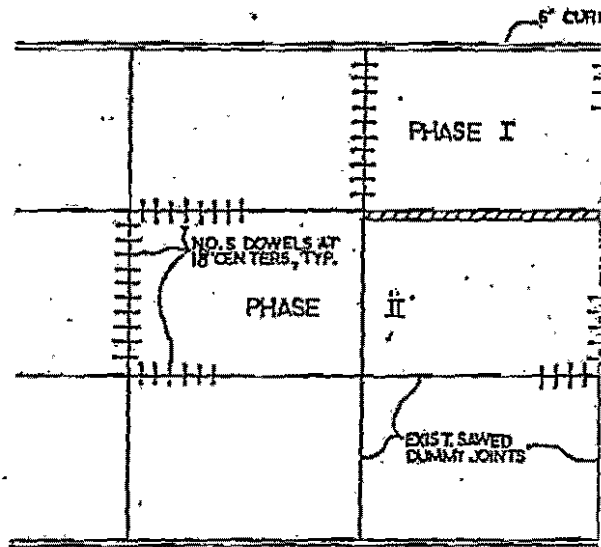


**TRANSVERSAL EXPANSION JOINT REPLACEMENT**

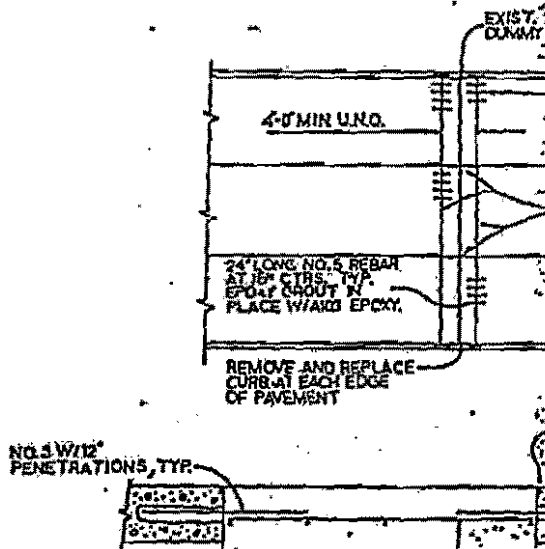
NOTE:  
 WHEN TRANSVERSE EXPANSION JOINT OCCURS AT ONLY ONE LANE OR TWO LANES (REF PLANS), REPLACE REDWOOD HEADER AT SAME LOCATION AS EXISTING. TO MATCH EXIST. LOCATION OF REDWOOD, NO OFFSETS IN EXIST. AND NEW REDWOOD HEADERS SHALL BE ALLOWED.







TYPICAL PAVEMENT REMOVAL DETAIL  
N.T.S.



**BID FORM**  
**BID NO. 01-07**  
**MISC. PAVING IMPROVEMENTS ON MIDWAY RD & QUORUM DR. - 2001**

BIDDER'S NAME Gibson & Associates, Inc T.I.N. 75205 7660

ADDRESS 11210 Ryliecrest CITY Balch Springs ZIP 75180

PHONE(972) 557-1199 FAX (972) 557-1552

E-MAIL \_\_\_\_\_

I have received, read and understand all pages of these instructions and specifications. I will abide by all areas of these specifications, and I am a legal agent of the above named company, authorized to sign this bid.

Affiant further states that Bidder has not paid, given, or donated or agreed to pay, give or donate to any officer or employee of the Town of Addison any money or other thing of value, either directly or indirectly, in procuring of the Contract.

AUTHORIZED OFFICER / OWNER  Eric VP  
 (Signature) (Title)

NAME OF CONTACT A. J. Johnston

**MIDWAY ROAD (SOUTH OF BELT LINE RD.)**

Item #	Estimated Qty.	Description	Unit Price	Total
101	Lump sum	Mobilization, Bonds & Insurance		\$ <u>6920.00</u>
102	Lump sum	Barricades, signs and Traffic control devices		\$ <u>2345.00</u>
103	182 Square yards	Concrete excavation including hauling and disposal of surplus materials	\$ <u>30.00</u>	\$ <u>5460.00</u>
104	182 Square yards	8" + 550 psi Flex 24 hrs. 50 Flex at 14 days, reinforced concrete pavement complete in place	\$ <u>149.00</u>	\$ <u>27,118.00</u>
105	Lump sum	Full depth sawed breakout groove perimeter only		\$ <u>1125.00</u>
<b>SUB-TOTAL MATERIALS AND SERVICES</b>				\$ <u>42,968.00</u>

**MIDWAY ROAD (NORTH OF BELT LINE RD.)**

Item #	Estimated Qty.	Description	Unit Price	Total
201	Lump Sum	Mobilization, Bonds & Insurance		\$ <u>6015.00</u>
202	Lump sum	Barricades, signs and Traffic control devices		\$ <u>2120.00</u>
203	167 Square yards	Concrete excavation including hauling and disposal of surplus materials	\$ <u>30.00</u>	\$ <u>5010.00</u>
204	167 Square yards	8" + 550 psi Flex 24 hrs. 50 Flex at 14 days, reinforced concrete pavement complete in place	\$ <u>149.00</u>	\$ <u>24,803.00</u>
205	Lump sum	Full depth sawed breakout groove perimeter only		\$ <u>1060.00</u>
<b>SUB-TOTAL MATERIALS AND SERVICES</b>				\$ <u>39,088.00</u>

**QUORUM DRIVE (ALL LANES)**

Item #	Estimated Qty.	Description	Unit Price	Total
301	Lump Sum	Mobilization, Bonds & Insurance		\$ <u>3165.00</u>
302	Lump Sum	Barricades, signs and Traffic control devices		\$ <u>1115.00</u>
303	86 Square Yards	Concrete excavation including hauling and disposal of surplus materials	\$ <u>30.00</u>	\$ <u>2580.00</u>
304	86 Square Yards	8" + 550 psi Flex 24 hrs. 50 Flex at 14 days, reinforced concrete pavement complete in place	\$ <u>142.00</u>	\$ <u>12,214.00</u>
305	Lump Sum	Full depth sawed breakout groove perimeter only		<sup>A99</sup> \$ <del>750.00</del> <u>750.00</u>
<b>SUB-TOTAL MATERIALS AND SERVICES</b>				\$ <u>20,424.00</u>
<b>GRAND TOTAL MATERIALS AND SERVICES</b>				\$ <u>102,480.00</u>

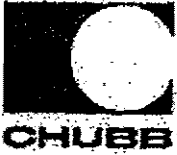
**Customer References**

**Company Name**

**Contact**

**Phone Number**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



**CHUBB GROUP OF INSURANCE COMPANIES**

Surety Department, 15 Mountain View Road, P.O. Box 1615, Warren, NJ 07061-1615  
Phone: (908) 903-3485 - Facsimile: (908) 903-3656

**FEDERAL INSURANCE COMPANY**

**BID BOND**

Bond No.

Amount \$

**Know All Men By These Presents,**

That we, **Gibson & Associates, Inc.**  
11210 Ryliecrest, Balch Springs, TX 75180

(hereinafter called the Principal),  
as Principal, and the **FEDERAL INSURANCE COMPANY**, Warren, New Jersey, a corporation duly organized under the laws of the State of Indiana, (hereinafter called the Surety) as Surety, are held and firmly bound unto

**City of Addison** (hereinafter called the Obligee),

in the sum of **Five Percent of the Greatest Amount Bid-----** Dollars

(\$ **5% GAB-----**), for the payment of which we, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated this **27<sup>th</sup>** day of **November, 2000**

WHEREAS the Principal has submitted a bid dated **November 27, 2000**

for **Midway Road Pavement Repairs**

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract with the Obligee in accordance with such bid and give bond with good and sufficient surety for the faithful performance of such contract, or in the event of the failure of the Principal to enter into such contract and give such bond, if the Principal shall pay to the Obligee the difference, not to exceed the penalty hereof, between the amount specified in said bid and the amount for which the Obligee may legally contract with another party to perform the work covered by said bid, if the latter amount be in excess of the former, then this obligation shall be null and void, otherwise to remain in full force and effect.

Gibson & Associates, Inc.

Principal

By:

**FEDERAL INSURANCE COMPANY**

By:

Robbi Morales, Attorney-in-fact



**POWER  
OF  
ATTORNEY**

**Federal Insurance Company  
Vigilant Insurance Company  
Pacific Indemnity Company**

**Attn.: Surety Department  
15 Mountain View Road  
Warren, NJ 07059**

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint Carla J. Ball, Jim Baughman, Kelly A. Knisel, Jerry P. Rose, Don E. Cornell, Robbi Morales, Sheila M. Young, Kathleen Day and Lisa M. Bonnot of Dallas, Texas-----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than ball bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 18th day of August, 2000

Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.  
County of Somerset

On this 18th day of August, 2000, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Notarial Seal



**HEATHER MANCO**  
Notary Public, State of New Jersey  
No. 2229695  
Commission Expires Sept. 24, 2004

Notary Public

**CERTIFICATION**

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 27th day of November, 2000



Kenneth C. Wendel, Assistant Secretary

**IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com**



FINANCE DEPARTMENT / PURCHASING DIVISION  
(972) 450-7091 - Facsimile (972) 450-7096

5350 Belt Line Road  
Post Office Box 9010 Addison, Texas 75001

TAMMY RIVES  
PURCHASING COORDINATOR

### INVITATION TO BID

The Town of Addison is accepting bids from all interested parties for Miscellaneous Paving Improvements on Midway Road and Quorum Drive.

Bid No: 01-07  
Bid Name: Miscellaneous Paving Improvements on Midway Rd.  
& Quorum Dr. - 2001

Bid Opening: 2:00PM November 27, 2000  
Office of the Purchasing Coordinator  
Addison Finance Building  
5350 Belt Line  
Addison, Texas 75240

Estimate: \$91,000

Please pay particular attention to 1.3 regarding delivery of your bid.

If you do not wish to bid, but do wish to remain on the bidder list, please return an envelope with your company name and address on the outside and clearly marked "NO-BID" BID #01-07 It will not be necessary to return any of the bid forms or documents if you wish to "NO-BID".

Late bids will be returned unopened, and unsigned bids will be rejected as non-responsive.

For questions concerning the bidding process, contact Tammy Rives, Purchasing Coordinator, at 972/450-7091 or e-mail [trives@ci.addison.tx.us](mailto:trives@ci.addison.tx.us). For questions concerning the scope of the work contact Mr. Steve Chutchian, Assistant City Engineer at 972-450-2886 or e-mail [schutchian@ci.addison.tx.us](mailto:schutchian@ci.addison.tx.us).

**TOWN OF ADDISON  
INSTRUCTIONS TO BIDDERS**

**1.0 RECEIPT AND PREPARATION OF THE BID**

- 1.1 Bids will be received by the Purchasing Coordinator of the Town of Addison until time specified in the Invitation to Bid, at which time bids will be publicly opened and read aloud, in the Finance Building of the Town of Addison located at 5350 Belt Line Rd., Addison, TX 75240. Bids must be received by the specified time in order to be considered, and bids submitted after this closing time will not be considered and will be returned unopened.
- 1.2 Each bid shall be enclosed in a sealed envelope, addressed to the Purchasing Coordinator, Town of Addison, P.O. Box 9010, Addison, Texas, 75001. Bids must be labeled in the lower left-hand corner with the bid name and number. Bidders must also include their company name and address on the outside of the envelope.
- 1.3 Bidders are responsible for making certain bids are delivered to the purchasing department. Mailing of a bid does not insure that the bid will be delivered on time or delivered at all. If bidder does not hand deliver bid, it is suggested that he/she use some sort of delivery service that provides a receipt.
- 1.4 Bids may be withdrawn prior to the above scheduled time set for closing of the bids. Any bid received after the time and date specified will not be considered.
- 1.5 The Town of Addison reserves the right to postpone the date and time for opening bids through an addendum.

**2.0 TAXES**

All bids are required to be submitted without State Sales tax. The Town of Addison is exempt from payment of such taxes and a Tax Exemption Certificate will be executed for the successful bidder.

**3.0 SCOPE OF WORK**

The work under this contract shall consist of the items or services contained in the bid, including all materials, equipment, labor and all other items necessary to complete said work in accordance with the contract documents.

**4.0 EXAMINATION OF CONTRACT DOCUMENTS AND SITES**

- 4.1 Before submitting a bid, each bidder must thoroughly examine the contract documents and project site to ensure that the services you are proposing meets the intent of these specifications.
- 4.2 The Town of Addison is not responsible for incomplete bid packets.
- 4.3 Bidders are instructed to return all pages of bid packet that contain written responses from you.

**5.0 BIDDING**

**5.1 Bid Bond**

The Bidder will be required to submit a Bid Security, made payable to the Town of Addison in the amount of five per cent (5%) of the Bidders total bid price. Security shall be in the form of a certified bank check or a Bid Bond issued by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The surety shall also appear as a qualified surety on the list from the U.S. Treasury Department.



The Bid Security of the Successful Bidder will be retained until such Bidder has furnished a performance bond, payment bond, & maintenance bond equal to the total contract price. Contractor shall include this cost in his bid. Bonds must be furnished within five (5) days of the Notice of Award. If the Bidder fails to furnish the required Bonds within the prescribed time, the Owner may annul the Notice of Award and the Bid Security of that Bidder will be forfeited. The Bid Security of any Bidder whom the Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the Contract is awarded.

Attorneys-in-fact who sign bid bonds must file with each bond, a certified and effectively dated copy of their Power of Attorney.

- 5.2 Bidders are instructed to consider the following factors in preparation of your bid:
- a. Bids shall remain firm for a period of 45 calendar days after the scheduled bid opening.
  - b. Exceptions to any specifications, or part thereof, must be clearly stated and included with your Bid Proposal Form.
  - c. Bidders are instructed to include all necessary charges, related to this contract.

## 6.0 AWARD OF CONTRACT

- 6.1 The Town of Addison reserves the right to reject any or all bids, reject any particular item on a bid, and to waive immaterial formalities. The contract will be awarded to the lowest responsible bidder whose bid is most advantageous to the city, price and other factors considered.
- 6.2 Award will be based upon any analysis of the following criteria: Bidders ability to produce the goods or services requested, performance on similar contracts, and an evaluation of the bidder's understanding of the purchaser's needs. To demonstrate bidder's qualifications to perform the work, each bidder must submit with their bid, five (5) customer references for similar miscellaneous pavement improvements projects, including name of customer, telephone number and individual to contact.
- 6.3 The anticipated start date is as soon as practical after the bid is awarded. The Contractor will have thirty (30) calendar days to finish the project, from start date to completion of the project. (The owner feels this project can easily be completed in thirty days or less)
- 6.4 A Purchase Order will be issued in lieu of a contract agreement and 90% of the total price will be paid within thirty days of acceptance of the work and receipt of an invoice from the contractor. The final 10% will be paid when approved by the City Council.
- 6.5 One contract shall be awarded to the lowest responsive bidder based on the total of improvements on all three street segments combined.

## 7.0 CERTIFICATES OF INSURANCE REQUIRED

- 7.1 The Contractor shall agree to furnish and maintain, during the period of this agreement, insurance coverage meeting the following requirements:
- a. Commercial General Liability Insurance at minimum combined single limits of \$500,000 per occurrence and \$1,000,000 general aggregate for Bodily Injury and Property Damage, which coverage shall include Products/Completed Operations, (\$1,000,000 Products/Completed Operations Aggregate) and XCU (explosion, collapse & underground) Hazards. Coverage for Products/ Completed Operations must be maintained for at least two (2) years after the work is completed. Coverage must be written on an Occurrence Form. Contractual Liability must be maintained with respect to the contractor's obligations contained in the contract.

- b. Workers Compensation insurance at statutory limits, including employers liability coverage at minimum limits of \$100,000 per occurrence - each accident, \$100,000 per occurrence - disease, and \$500,000 aggregate - disease.
- c. Commercial automobile liability insurance at minimum combined single limits of \$500,000. per occurrence for owned, non-owned and hired coverage.

7.2 Contractor shall provide the following endorsements:

- a. Named insured wording which includes the Contractor and the Town of Addison with respect to general liability, automobile liability.
- b. All liability policies shall contain cross liability and severability of interest clauses.
- c. A waiver of subrogation in favor of the Town of Addison with respect to the worker's compensation insurance and all other insurance policies.
- d. The policy shall be endorsed to require the insured to immediately notify the Town of Addison of any material changes in the insurance coverage.

7.3 All insurance shall be purchased from an insurance company, which meets the following requirement:

- a. Must be issued by a carrier, which is rated "A-1" or better by A.M. Best's Key Rating Guide.
- b. Licensed and admitted to do business in the State of Texas and is a subscriber to the Texas Guaranty Fund.

7.4 All insurance must be written on forms filed with and approved by the Texas State Board of Insurance. Certificates of insurance shall be prepared and executed by the insurance company or its authorized agent and shall contain provisions representing and warranting the following:

- a. The company is licensed and admitted to do business in the state of Texas.
- b. The Texas State Board of Insurance has approved the company's forms.
- c. Sets forth all endorsements as required above.
- d. The Town of Addison will receive at least thirty (30) days notice prior to cancellation or termination of insurance.

## 8.0 BONDS REQUIRED

Bonds must be executed prior to beginning work on the project and must be executed by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The Surety must be listed in the most recent U.S. Treasury Department's "List of Acceptable Sureties", issued annually on July 1.

- 8.1 The Bid Bond shall be made payable to the Town of Addison in the amount of five per cent (5%) of the Bidders total bid price. Security shall be in the form of a certified bank check or a Bid Bond issued by a corporate surety authorized and admitted to do business in the State of Texas and licensed by the State to issue surety bonds. The surety shall also appear as a qualified surety on the list from the U.S. Treasury Department

- 8.2 The **Performance Bond** shall be in an amount equal to the total contract price and guarantee that the Contractor shall repair and/or replace any defects in workmanship or materials used therein, for a period of one (1) year from the date of final acceptance of the work by the owner.
- 8.3 The **Payment Bond** shall be in an amount equal to the total contract price and guarantee payment to all persons supplying labor and materials or furnishing equipment in the execution of the Contract.
- 8.4 The **Maintenance Bond** shall furnish by the contractor the Owner, upon acceptance of the work by the Owner. Such Maintenance Bond shall be for a period of one year from the date of acceptance. The amount of the Maintenance Bond shall be 100% of the Contract Price.

All bonds shall be signed by Contractor as principal and by an established bonding company approved by Owner, as surety.

Bonds shall be accompanied by appropriate power-of-attorney clearly establishing extent and limitations of authority of each signer to so sign, and where the work is performed and to whom any requisite notices may be delivered and on whom service of process may be had in matters arising out of such suretyship.

All bonds shall be made on forms complying with requirements of laws of the State of Texas.

**Special Instructions**  
**Miscellaneous Paving Improvements on Midway Rd. & Quorum Dr. - 2001**

**1.0 General**

- 1.1 The bid price shall reflect all necessary charges to include the furnishing of all labor and materials necessary for the complete construction of these repairs. Construction shall be in accordance with all contract documents, the latest edition of the NTCOG Standard Specifications for Public Works Construction, and as described in the specifications. Signs, barricades, warning devices, as a minimum, shall conform to the Texas Manual on Uniform Traffic Control Devices
- 1.2 All work within the public right-of-way shall also comply with the Town of Addison Street Excavation Ordinance #85-094, #88-031 and #608.
- 1.3 All construction on Midway Road and Quorum Drive must be performed Sunday through Thursday between the hours of 10:00 p.m. and 6:00 a.m. The Street Superintendent shall approve all lane closures.
- 1.4 The contractor shall maintain a minimum of one lane of free flow traffic, in each direction on Midway Road and Quorum Drive, at all times.
- 1.5 A copy of the concrete batch design shall be submitted for approval, prior to construction.
- 1.6 Unless stated otherwise on location sheet all pavement repairs to be made without removing existing curb. Street Superintendent to determine location of gutter saw line.
- 1.7 Contractor shall adjust all boxes, valve stacks, clean outs, etc. to finish grade as directed.
- 1.8 All communication with adjacent property owners or tenants shall be the responsibility of the Street Superintendent.
- 1.9 Owner reserves the right to sequence locations of work as necessary.
- 1.10 Contractor shall employ a qualified project manager who will be responsible for directing all work crews. Project Manager shall remain on the job at all times, in order to supervise the work of all sub-contractor, as well as the Contractor's own work crews.

## FULL-DEPTH REPAIR OF EXISTING CONCRETE PAVEMENT

**Description.** This Item shall govern for full-depth repair of portland cement concrete pavement in accordance with the existing roadway section and the details shown on the plans, and to the lines and grades established by the Engineer.

### Materials.

- (1) **Concrete.** Concrete shall be ASTM C-150 Type I.

The course aggregate shall be either Grade 2 or 3. Air entrainment will be required. (Air entrained content of three (3) to six (6) percent, or as directed by the Town of Addison Street Superintendent) The fine aggregate shall be Grade 1 with a fineness modulus of 2.3 to 3.1. All admixtures used shall be pre-approved by the Town of Addison Street Superintendent, except the addition of an ASTM Type C non-chloride set-accelerating admixture that may be required at the job site when the temperature of the concrete is above 55 degrees F. Either transit-mix or central-mix concrete will be permitted. If the concrete fails to reach the required 24 hour strength, the Town of Addison Street Superintendent may direct that the concrete be removed and replaced at the Contractor's expense.

Concrete shall be designed to include seven and a half (7 ½ ) sacks of Type I cement. The maximum water cement ratio shall not exceed 5.5 gallons per sack. An ASTM Type A water-reducing admixture and an ASTM Type C non-chloride set-accelerating admixture may be used to achieve the earliest possible concrete-setting times. The concrete will be designed to achieve a minimum flexural strength of 550 p.s.i. in 24 hours. Additional minimum flexural strength requirements are 750 p.s.i. in 14 days.

- (2) **Epoxy.** Epoxy shall be A103 or approved equal and shall be installed per the manufacturer's instructions.

### Construction Methods.

The areas to be repaired will be outlined on the slab by the Town of Addison Street Superintendent. The square yardage shown on the plans to be repaired is for bidding purposes only. Actual dimensions of areas to be repaired will be determined during construction by the Town of Addison Street Superintendent.

A pressure relief groove approximately 2 inches deep shall be sawed transversely 6 inches (to the inside) from the patch ends. Full-depth saw cuts shall be made transversely along the patch ends. Unless otherwise shown on the plans, longitudinal saw cuts shall be full depth along the patch sides. If in the opinion of the Town of Addison Street Superintendent, spalling occurs along the full-depth longitudinal saw cut, the longitudinal saw cutting shall then include a longitudinal 2-inch deep pressure relief groove and be performed in the same manner as the transverse saw cutting. Additional full-depth saw cuts may be made as needed to facilitate removal of the concrete within the limits of the required full-depth cuts. Concrete adjacent to the patch shall not be spalled or fractured by the removal procedure.

NOTE - Only perimeter full depth saw cuts are a pay item. All additional saw cuts are incidental to the pavement pay item. The concrete shall be removed, taking care not to disturb the underlying pavement support. The total lift-out method shall be used within the limits of the full-depth saw cuts. The lift-out method shall include having the slab

loaded directly onto trucks. There shall be no breaking up of the slab along side the repair area.

All loose sub-base material shall be removed and replaced with concrete, and is incidental to the pavement pay item.

With regard to individual repair locations, the Contractor shall schedule his work so that the concrete placement will follow the full-depth saw cut by no more than seven (7) days. Repairs made on streets requiring night work will be excavated, poured, and open to traffic in eight (8) hours. Repairs on streets allowing daytime work must be opened to traffic within twelve (12) hours of start of excavation.

New reinforcing bars shall be placed and firmly supported by approved bar chairs.

For all concrete pavement, the following procedure of reinforcement shall apply:

The longitudinal tie-bars shall be reinforcing steel as detailed on the plans. The depth of reinforcing steel into the existing concrete shall be not less than 6 inches. The longitudinal tie-bars shall be epoxy grouted into the existing concrete.

Transverse tie-bars shall be No. 5 X 24 inches reinforcing steel and shall be epoxy grouted, with the same grout as used for the longitudinal tie-bars, into the existing concrete pavement to a depth of 12 inches. All reinforcing steel for the repair shall be No. 5 X 12" on center.

Drilling of holes for tie-bars in the existing slab shall be by core drilling only, no hand-held hammer or impact drilling permitted.

Concrete placement shall not begin in a given patch until the tie-bar and dowel-bar grout has attained sufficient strength to preclude displacement of the tie-bars by the concrete, or as determined by the Town of Addison Street Superintendent. Grout retention disks shall be used when required on the plans.

Immediately prior to placing the concrete, the sub-base and each face of existing concrete shall be wetted. Approved hand manipulated mechanical vibrators shall be used to insure the proper consolidation of the concrete. The concrete shall be screeded to the elevation of the adjacent concrete pavement and checked with a straightedge to insure that the riding surface will be satisfactory. The concrete shall be given a broom finish and all edges shall be tooled.

The concrete shall be cured immediately after finishing operations have been completed. Membrane curing shall be used for the curing of the repaired area. The curing period shall extend only until the repaired area is opened to traffic.

The repaired area may be opened to traffic when the concrete has attained a flexural strength of 255 p.s.i. All test specimens representing tests for opening to traffic shall be cured using the same methods and under the same conditions as the repaired area. Modifications to the specified construction methods, requested by the Contractor, must be submitted to the Town of Addison Street Superintendent in writing for his approval.

**Measurement.**

This Item will be measured by the square yard of surface area, except for areas that require repair which were damaged by the negligence of the Contractor.

**Payment.**

The work performed and the materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Reinforced Concrete Pavement", of the nominal depth specified. This price shall be full compensation for additional sawing and breaking the existing pavement structure; for the removal and loading of the broken concrete or loose sub-base; for furnishing all materials; for all reinforcing steel; for all curing; and for all manipulations, labor, equipment, tools and incidentals necessary to complete the work.

Expansion joints are subsidiary and not a pay item.

**Miscellaneous Paving Improvements on Midway Road and Quorum Drive - 2001**

**Midway Road (south of Belt Line Rd.)**

182 s.y.

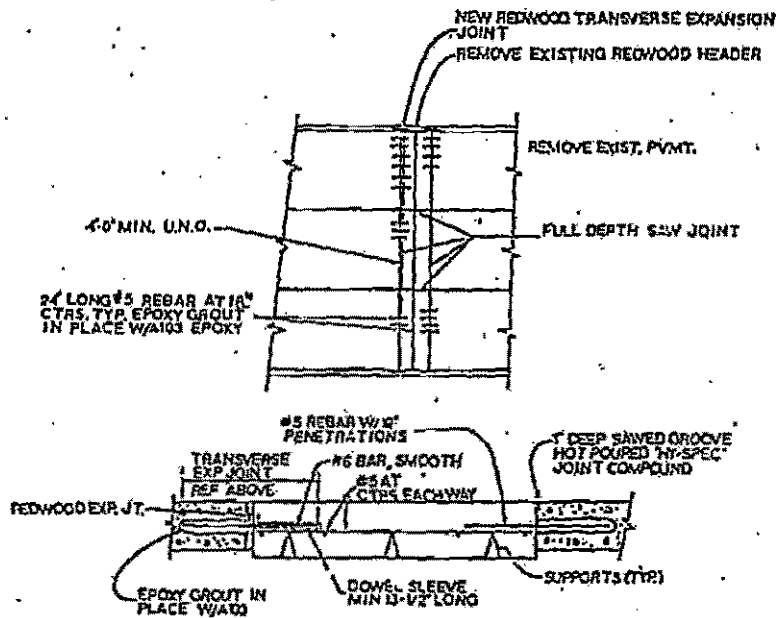
**Midway Road (north of Belt Line Rd.)**

167 s.y.

**Quorum Drive (all lanes)**

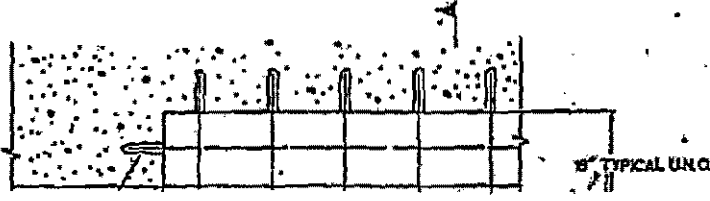
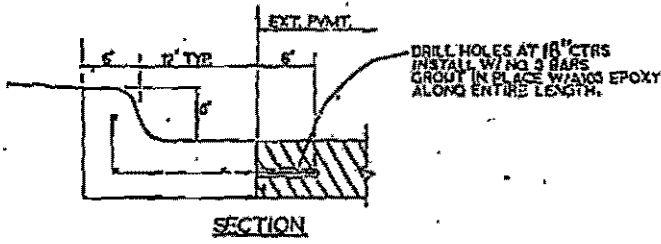
86 s.y.

Note: the quantities shown above represent total square yardage of repair for each street segment. The Town of Addison shall mark individual repair locations prior to initiation of construction.

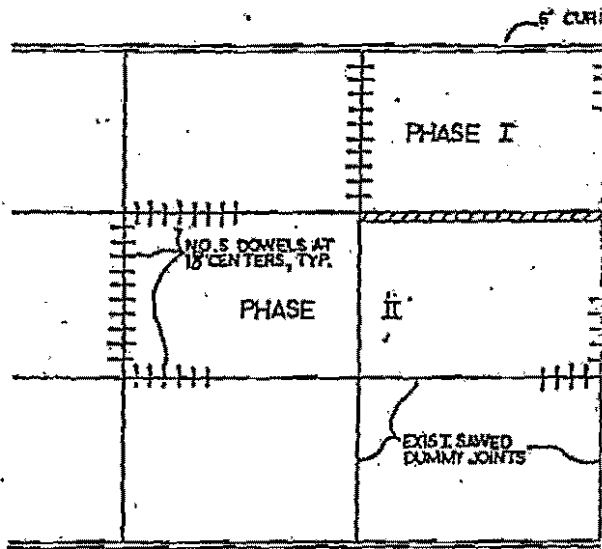


**TRANSVERSAL EXPANSION JOINT REPLACEMENT**

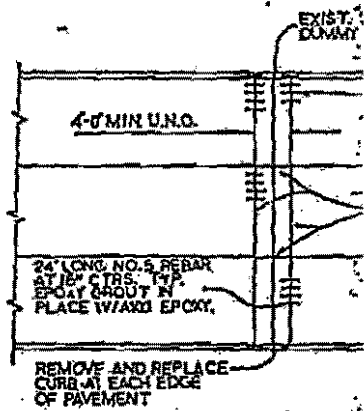
NOTES  
 WHEN TRANSVERSE EXPANSION JOINT OCCURS AT ONLY ONE LANE OR TWO LANES (REF PLANS) REPLACE REDWOOD HEADER AT SAME LOCATION AS EXISTING, TO MATCH EXIST. LOCATION OF REDWOOD, NO OFFSETS IN EXIST. AND NEW REDWOOD HEADERS SHALL BE ALLOWED.



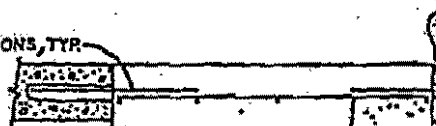




TYPICAL PAVEMENT REMOVAL DETAIL  
N.T.S.



NO. 5 W/2" PENETRATIONS, TYP.



**BID FORM**  
**BID NO. 01-07**  
**MISC. PAVING IMPROVEMENTS ON MIDWAY RD & QUORUM DR. - 2001**

**BIDDER'S NAME** JDJ Construction **T.I.N.** \_\_\_\_\_  
**ADDRESS** P.O. Box 933187 **CITY** Richardson **ZIP** 75083  
**PHONE** (972) 664-1220 **FAX** (972) 664-0296  
**E-MAIL** JTH@JDJ-CA.COM

I have received, read and understand all pages of these instructions and specifications. I will abide by all areas of these specifications, and I am a legal agent of the above named company, authorized to sign this bid.

Affiant further states that Bidder has not paid, given, or donated or agreed to pay, give or donate to any officer or employee of the Town of Addison any money or other thing of value, either directly or indirectly, in procuring of the Contract.

**AUTHORIZED OFFICER / OWNER** \_\_\_\_\_  
 (Signature) \_\_\_\_\_ (Title) \_\_\_\_\_

**NAME OF CONTACT** Jedd Dawson

**MIDWAY ROAD (SOUTH OF BELT LINE RD.)**

Item #	Estimated Qty.	Description	Unit Price	Total
101	Lump sum	Mobilization, Bonds & Insurance	<u>10,000</u>	<u>\$ 10,000</u>
102	Lump sum	Barricades, signs and Traffic control devices	<u>10,000</u>	<u>\$ 10,000</u>
103	182 Square yards	Concrete excavation including hauling and disposal of surplus materials	<u>\$ 25<sup>00</sup></u>	<u>\$ 4,550<sup>00</sup></u>
104	182 Square yards	8" + 550 psi Flex 24 hrs. 50 Flex at 14 days, reinforced concrete pavement complete in place	<u>\$ 292<sup>00</sup></u>	<u>\$ 53,144<sup>00</sup></u>
105	Lump sum	Full depth sawed breakout groove perimeter only		<u>\$ 5,000<sup>00</sup></u>
<b>SUB-TOTAL MATERIALS AND SERVICES</b>				<u>\$ 82,694<sup>00</sup></u>

**MIDWAY ROAD (NORTH OF BELT LINE RD.)**

Item #	Estimated Qty.	Description	Unit Price	Total
201	Lump Sum	Mobilization, Bonds & Insurance		\$ <u>10,000<sup>00</sup></u>
202	Lump sum	Barricades, signs and Traffic control devices		\$ <u>10,000<sup>00</sup></u>
203	167 Square yards	Concrete excavation including hauling and disposal of surplus materials	\$ <u>25<sup>00</sup></u>	\$ <u>4,175<sup>00</sup></u>
204	167 Square yards	8" + 550 psi Flex 24 hrs. 50 Flex at 14 days, reinforced concrete pavement complete in place	\$ <u>292<sup>00</sup></u>	\$ <u>48,764<sup>00</sup></u>
205	Lump sum	Full depth sawed breakout groove perimeter only		\$ <u>5,000<sup>00</sup></u>
<b>SUB-TOTAL MATERIALS AND SERVICES</b>				\$ <u>77,939<sup>00</sup></u>

**QUORUM DRIVE (ALL LANES)**

Item #	Estimated Qty.	Description	Unit Price	Total
301	Lump Sum	Mobilization, Bonds & Insurance		\$ <u>2,000<sup>00</sup></u>
302	Lump Sum	Barricades, signs and Traffic control devices		\$ <u>2,000<sup>00</sup></u>
303	86 Square Yards	Concrete excavation including hauling and disposal of surplus materials	\$ <u>25<sup>00</sup></u>	\$ <u>2,150<sup>00</sup></u>
304	86 Square Yards	8" + 550 psi Flex 24 hrs. 50 Flex at 14 days, reinforced concrete pavement complete in place	\$ <u>292<sup>00</sup></u>	\$ <u>25,112<sup>00</sup></u>
305	Lump Sum	Full depth sawed breakout groove perimeter only		\$ <u>2,000<sup>00</sup></u>
<b>SUB-TOTAL MATERIALS AND SERVICES</b>				\$ <u>33,262<sup>00</sup></u>
<b>GRAND TOTAL MATERIALS AND SERVICES</b>				\$ <u>193,895<sup>00</sup></u>

**Customer References**

**Company Name**

**Contact**

**Phone Number**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

December 01, 2000

**MEMORANDUM**

To: Chris Terry, Assistant City Manager

Through: Mike Murphy, P.E., Director of Public Works

From: Steve Chutchian, P.E., Assistant City Engineer

Cc: Jim Pierce, P.E., Assistant Director of Public Works  
Jim Wilson, Project Manager

Subject: Paving Improvements on Midway Road and Quorum Drive  
Contract award to apparent responsive low bidder.

Attached is a bid tabulation and reference checks from the Public Works Department for the proposed contract award of Paving Improvements on Midway Road and Quorum Drive. All construction on Midway Road and Quorum Drive will be performed Sunday through Thursday between the hours of 10:00p.m. and 6:00a.m.

Portions of Midway Road and Quorum Drive have experienced extensive pavement failures. The existing pavement has approached the end of it's expected service life and a combination of repetitive wheel loadings and storm water have created numerous pavement failures. This project performs full depth pavement repairs needed to restore the integrity of each existing roadway.

The lowest apparent responsive bidder was Ed A. Wilson, Inc., in the amount of \$97,440.00. The original estimate for this scope of work was \$91,000.00. The total bid was slightly higher due to anticipated winter weather conditions.

Staff recommends that Council authorize the City Manager to enter into a contract with Ed A. Wilson, Inc. for paving improvements on Midway Road and Quorum Drive in the amount of \$97,440.00.

*Steve Chutchian*

## BID EVALUATION

**DATE:** 11/28/00  
**WORK:** Paving Improvements on Midway Rd. & Quorum Dr. -2001  
**BY:** Engineering/J.Wilson

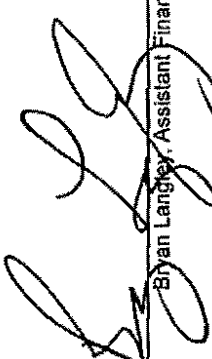
ITEM NO. & DESCRIPTION	BIDDER: JDJ		BIDDER: Gibson		BIDDER: Wilson	
	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
<b>MIDWAY RD: SOUTH OF BELT LINE RD:</b>						
101 Mob., Bonds, Ins.	LS	\$10,000	LS	\$6,920	LS	\$5,000
102 Barr, signs, traffic	LS	\$10,000	LS	\$2,345	LS	\$2,500
103 ConcExcavHaulDisp	\$25.00 x 182sy	\$4,550	\$30.00 x 182sy	\$5,460	\$25.00 x 182sy	\$4,550
104 ReinfConc Pav8inch	\$292.00 x 182sy	\$53,144	\$149.00 x 182sy	\$27,118	\$140.00 x 182sy	\$25,480
105 FullDepthSawBrkGro	LS	\$5,000	LS	\$1,125	LS	\$3,000
<b>Subtotal:</b>		\$82,694		\$42,968		\$40,530
<b>MIDWAY RD: NORTH OF BELT LINE RD:</b>						
201 mob, Bonds, Ins.	LS	\$10,000	LS	\$6,015	LS	\$4,500
202 Barr, signs, traffic	LS	\$10,000	LS	\$2,120	LS	\$2,250
203 ConcExcavHaulDisp	\$25.00 x 167sy	\$4,175	\$30.00 x 167sy	\$5,010	\$25.00 x 167sy	\$4,175
204 ReinfConc Pav8inch	\$292.00 x 167sy	\$48,764	\$149.00 x 167sy	\$24,883	\$135.00 x 167sy	\$22,545
205 FullDepthSawBrkGro	LS	\$5,000	LS	\$1,060	LS	\$2,500
<b>Subtotal:</b>		\$77,939		\$39,088		\$35,970
<b>QUORUM DRIVE (ALL LANES)</b>						
301 Mob Bonds, Insur	LS	\$2,000	LS	\$3,165	LS	\$3,000
302 Barr, signs, traffic	LS	\$2,000	LS	\$1,115	LS	\$2,000
303 ConcExcavHaulDisp	\$25.00 x 86sy	\$2,150	\$30.00 x 86sy	\$2,580	\$25.00 x 86sy	\$2,150
304 ReinfConcPav8inch	\$292.00 x 86sy	\$25,112	\$149.00 x 86sy	\$12,814	\$140.00 x 86sy	\$12,040
305 FullDepthSawBrkGro	LS	\$2,000	LS	\$750	LS	\$1,750
<b>Subtotal:</b>		\$33,262		\$20,424		\$20,940
<b>GRAND TOTAL:</b>		<b>\$193,895</b>		<b>\$102,480</b>		<b>\$97,440</b>


MISC. PAVING IMPROVEMENTS ON MIDWAY ROAD AND  
AND QUORUM DRIVE

BID NO 01-07

DUE: NOVEMBER 27, 2000

BIDDER	SIGNED	TOTAL
Gibson and Associates	✓	108,480.00
IDI Construction	✓	193,895.00
Ed A. Wilson	✓	97,440.00

  
Bryan Langley, Assistant Finance Director

  
Steve J. Chulhan  
Witness

**TOWN OF ADDISON  
BID ATTENDEES**

01-07  
MISC PAVING IMPROVEMENTS ON  
MIDWAY RD & QUORUM DR, 2001  
OPEN: 2:00PM November 27, 2000

COMPANY	YOUR NAME
1. ED A WILSON - CIVIL	JEFF GOLDHARDT
2. Gibson & Assoc Inc	Tommy Johnston
3. Town of Addison	Jim Pierce
4. "	STEVE CHUTCHIAN
5. "	JIM WILSON
6. "	Bryan Langley
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	



# Agenda Item

Mike will get contract signed

Mike gave it to Bill Shipp  
Bill will keep a copy

July 31, 2000 ~~NOVEMBER 29, 2000~~

## MEMORANDUM

To: Chris Terry, Assistant City Manager

Through: Mike Murphy, P.E., Director of Public Works

From: ~~Steve Chutkan, P.E., Assistant City Engineer~~  
Jim Pierce, P.E., Assistant City Engineer

cc: Jim Pierce, Assistant Director of P.W.  
Jim Wilson, Project Manager

Subject: ~~Proposal from GBW Engineers, Inc. for Engineering, Surveying and Geotechnical Services, Midway Road Reconstruction, Phase One Design~~

~~PAVING CONTRACT AWARDS~~

Attached is a proposal from GBW Engineers, Inc. for engineering services for the reconstruction of Midway Road from Belt Line Road to Keller Springs Road. The proposal represents Phase One of what is anticipated to be a two-phase design process. Phase One consists of the preparation of all the construction plans and specifications necessary for the reconstruction work except for construction sequencing and traffic control, landscaping and irrigation, storm water pollution prevention plan and erosion control, signalization, temporary lighting, and sidewalks. All median opening widths, turn lane lengths, and street and driveway radii will be reviewed and design changes made where appropriate. The engineering report to be prepared with Phase One will provide a basis for the Town to establish a construction phasing and funding approach for this project.

Phase Two will consist of completing the remaining construction plans along with separating the plans prepared in Phase One into a separate bid packages for construction phasing purposes. Public notification and coordination with other cities, DART and affected businesses will be included in Phase Two. Bidding and construction phase services will also be provided. If it is determined during Phase One that the Midway Road reconstruction project will precede the Arapaho Road extension, the design of the box culvert crossing at Midway Road will be included in the Phase Two design.

The total proposed cost for the Phase One Design is \$313,700.00. The design is estimated to take 200 calendar days exclusive of review time. Funding for this project will come from the 2000 Bond Sale.

Staff recommends that Council authorize the City Manager to enter into a contract with GBW Engineers, Inc. for Phase One Engineering Design for, \$313,700.00.

Reason for project

PORTIONS OF MID. & ARAP. HAVE EXPERIENCED EXTENSIVE PAVEMENT FAILURES. THE EXISTING PAVT. HAS REACHED THE END OF ITS EXPECTED SERVICE LIFE & A COMBINATION OF REPETITIVE UTILITY LOADS CREATED NUMEROUS FULL-DEPTH

DISCUSS ~~CONTRACT~~ IN THE AMOUNT OF  
LOWEST APPARENT RESPONSIBLE BIDDER WAS E.A.W. IN THE AMOUNT OF

THE ESTIMATE WAS \$95,000 WAS SLIGHTLY HIGHER DUE TO

THIS PROJECT PERFORMS REPAIR OF THESE FAILURES + RETURNS OF THE ROADWAY TO EXISTING FULL-DEPTH