

**CITY OF SAN ANTONIO  
PUBLIC WORKS DEPARTMENT  
CITY COUNCIL AGENDA MEMORANDUM**

**TO:** Mayor and City Council

**FROM:** Thomas G. Wendorf, P.E., Director of Public Works

**SUBJECT:** Indefinite Delivery Professional Services Agreement  
Work Order – Traffic Impact Study of the Proposed Prue Rd. Extension

**DATE:** June 23, 2005

**SUMMARY AND RECOMMENDATIONS**

This ordinance accepts a proposal and authorizes payment in the amount not to exceed \$43,707 for traffic engineering services to be provided by Pape-Dawson Engineers, Inc. under a previously authorized Indefinite Delivery Professional Services Agreement for City-wide traffic engineering services, in connection with the Traffic Impact Study of the Proposed Prue Rd. Extension, located in Council District 8.

This ordinance provides for an immediate effective date, upon passage by eight (8) affirmative votes.

Staff recommends approval of this ordinance.

**BACKGROUND INFORMATION**

The City of San Antonio is currently engaged in the design of a realignment of the eastern-most portion of Prue Rd. near Fredericksburg Road. This realignment has been titled the "Prue Rd. Extension" and will realign Prue Rd. by curving it in a southward direction to intersect Huebner Rd. at Research Drive. The remaining portion of Prue Rd. between Laureate and Fredericksburg Rd. will be reduced in classification and essentially serve as a collector roadway. It will "tee" into Laureate to further deemphasize its function to move thru traffic. The Prue Rd. Extension Project will eliminate or reduce the bottleneck created by the intersection of Prue Rd. at Fredericksburg that, by virtue of its close proximity to the Fredericksburg & Huebner intersection, limits the capacity, creates safety issues and experiences severe congestion. Completion of this project will increase the capacity of Prue Rd., which will help meet the current and forecasted demand of traffic on this roadway.

This work order provides for the execution of a Traffic Impact Study of the Proposed Prue Rd. Extension. The proposed scope includes a traffic analysis using Synchro/Sim Traffic software of the study area.

This ordinance authorizes compensation to Pape-Dawson Engineers, Inc. in the amount not to exceed \$43,707 for traffic engineering services in connection with the performance of this study as outlined in the consultant's proposal attached herein as attachment 2.

A previously executed Public Works Department Indefinite Delivery Professional Services Agreement for professional traffic engineering services with Pape-Dawson Engineers, Inc. in an amount not to exceed \$500,000 was approved by City Council on January 6, 2005, through Ordinance No. 100234. This is the second project awarded to Pape-Dawson Engineers under this Professional Services Agreement. The first project was the Railroad Quiet Zone Study in District 2 for \$11,000.

### **POLICY ANALYSIS**

Approval of this ordinance is consistent with Council Policy to address citizen concerns.

### **FISCAL IMPACT**

This is a one-time traffic study expenditure. Funds in the amount not to exceed \$43,707 are available from Council District 8 Neighborhood Accessibility and Mobility Program, and are authorized payable to Pape-Dawson Engineers, Inc.

### **COORDINATION**

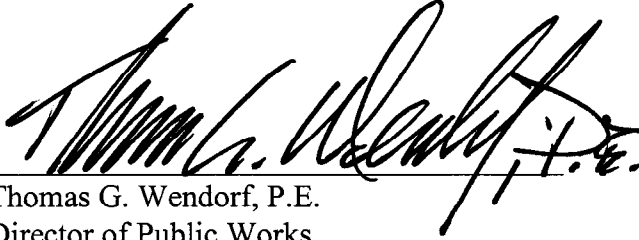
This request for ordinance has been coordinated with the Office of Management and Budget and the Finance Department.

### **SUPPLEMENTARY COMMENTS**

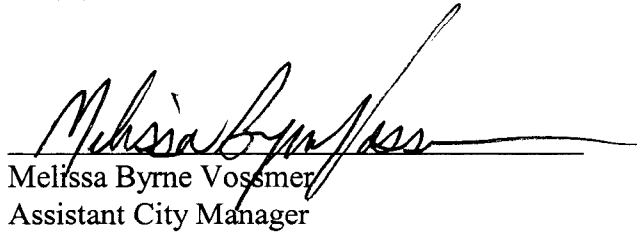
The Discretionary Contracts Disclosure Form required by the Ethics Ordinance is included herein as attachment 4.

## ATTACHMENTS

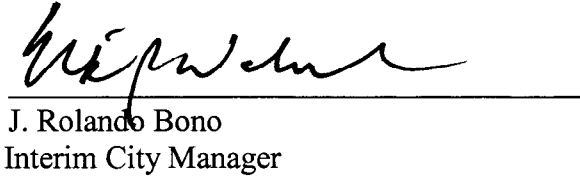
1. Study Area Map
2. Consultant's Proposal
3. NAMP Authorization from Councilman Hall
4. Discretionary Contracts Disclosure Form



Thomas G. Wendorf, P.E.  
Director of Public Works



Melissa Byrne Vossmer  
Assistant City Manager



J. Rolando Bono  
Interim City Manager

June 1, 2005

Mr. John Friebele, P.E., PTOE  
Traffic Engineer  
City of San Antonio  
Traffic Engineering Division  
223 S. Cherry Street  
San Antonio, Texas 78203

Re: Scope of Services for Prue Road Re-Alignment Study

Dear Mr. Friebele:

Please accept this proposal for engineering services concerning the above referenced project. Our proposed project scope includes two distinct alternative tasks. We have provided costs for preparing the following detailed scope of services using Synchro/SimTraffic and the identical services using VISSIM. A detailed scope of services for this project is listed below.

**PROJECT SCOPE:**

**Task 1: Project Management \$4,500**

This task includes coordination and management of the project team. This task includes coordination with City staff and general oversight of the project deliverables. Coordinate with City of San Antonio to obtain necessary information, confirm scope of work, establish project schedule, and provide updates on project progress.

**Task 2A: Synchro/SimTraffic Analysis \$39,207**

**Task 2B: VISSIM Traffic Analysis (Alternate for Task 2A) \$60,537**

The following items will be completed under this task:

- Perform field review of the of the study area network to note operational problems, traffic patterns, etc.
- Develop a calibrated existing condition (AM and PM peak) model for the proposed study area for Prue Road extension project using VISSIM (or SimTraffic) microsimulation software. The proposed study area will consist of approximately twenty (20) intersections. The existing condition models will serve as the base for comparison of the alternative models.
- Complete analyses of existing condition AM and PM peak periods.

**PAPE-DAWSON ENGINEERS, INC.**

555 East Ramsey | San Antonio, Texas 78216 | Phone: 210.375.9000 | Fax: 210.375.9010 | [info@pape-dawson.com](mailto:info@pape-dawson.com)

- Revise SAMPO travel demand models to develop 2010 traffic volume estimates for the proposed study area.
- Prepare up to two mitigation analyses for potential traffic conditions within the network that are impacted by the Prue Road Proposed Alignment.
- Perform four simulation conditions as follows:
  1. 2003 "Base" aka "Existing" Traffic Volume Conditions
    - Prue Road on Existing Alignment
      - Includes reduced function of existing Prue Road between Babcock Road and Fredericksburg Road
    - Prue Road on Proposed Alignment
      - Includes reduced function of existing Prue between Laureate Road and Fredericksburg Road
  2. 2010 Projected Traffic Volume Conditions
    - Prue Road on Existing Alignment
      - Includes reduced function of existing Prue Road between Babcock Road and Fredericksburg Road
    - Prue Road on Proposed Alignment
      - Includes reduced function of existing Prue Road between Laureate Road and Fredericksburg Road

Document the findings and recommendations of the Prue Road Re-Alignment Study in a Summary Report.

Prepare up to five (5) visual animation files for the City of San Antonio staff for presentation of the study results to City Council and public meetings.

Attend up to three (3) separate meetings (kick-off, interim, and presentation) to present study results to the City of San Antonio staff.

**Project Deliverables:**

- Summary Report (10 copies)
- Traffic Modeling Data Files (one per scenario)
- Visual Animation Data Files (up to 5)

**Task 3: Additional Services**

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The tasks identified in this section are specifically excluded from the above Scope of Services. In the event these additional services are required, a specific scope of services and any fee for additional services shall be agreed upon between the City of San Antonio and Pape-Dawson Engineers, Inc., in advance of services being accomplished. Additional services may include, but not be limited to, the following:

- Attend additional meetings, beyond those defined above. (Fee based on hourly rates of attendees).

- Preparing additional alternatives analyses.
- Preparing additional exhibits or deliverables.
- Preliminary design services.
- Detailed design services.

### **Schedule**

Assuming we receive notice to proceed by Tuesday, July 5, 2005, we can complete Tasks 1 through 2 with preliminary submittals within eight weeks. We will address reasonable City comments, finalize the report and visual animations and submit final deliverables to City within two weeks of receipt of comments.

### **Summary**

1.	Project Management and Coordination	\$ 4,500
2A	Synchro/SimTraffic Analysis	\$39,207
2B	VISSIM Traffic Analysis (Alternate for Task 2A)	<u>\$60,537</u>
	Synchro/SimTraffic Analysis	\$43,707
	or	
	VISSIM Traffic Analysis	\$65,037

### **Basis of Compensation**

Pape-Dawson's compensation for the above services will be a charge for personnel services plus an hourly charge for specialized equipment and computers. A budget of \$43,707/\$65,037 is the estimated cost of Pape-Dawson's current understanding of the services identified above. This budget figure will not be exceeded without written modification of this Agreement.

Direct Expenses shall include reproduction, travel, long distance telephone calls, express mail, special deliveries and subconsultant expenses directly related to these services. Direct Expenses shall include a 10% markup on cost.

### **Assumptions:**

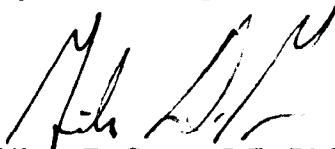
*This proposal is based on the following assumptions:*

- *No field instrument surveying is included as part of this proposal.*
- *No traffic volume counts, speed data, or other vehicle data will be gathered as a part of this project. All data will be furnished by the City of San Antonio.*
- *Gathering traffic data will be an additional service to this proposal and will require written approval from the City of San Antonio and additional fee.*
- *Design phase services and Construction phase services will be provided as an additional service for additional fee.*

- City shall furnish 2003 turning movement counts and 2010 turning movement forecasts for the intersections along Huebner Road from the Medical Center Modeling Study.
- City shall furnish Turning Movement Counts for the additional intersections along Babcock Road, Fredericksburg Road and Prue Road.
- City shall furnish available 24-hour tube counts in project area.
- Year 2000 saturation flow counts by TxDOT along major roadways.
- City shall furnish traffic projections will be based on the Metropolitan Planning Organization's 2030 traffic forecast and previous Tranplan assignments prepared by WHM Transportation Consultants.
- City shall furnish current parcel data, 2005 aerials, land uses, zoning and other data available in ArcView GIS formats.
- City of San Antonio shall furnish existing traffic signal timing data.

We appreciate the opportunity to work with you on this project. If this agreement meets with your approval, please acknowledge such by signing the attached duplicate originals and returning one to our office. This will serve as your authorization for us to proceed with the work.

Sincerely,  
Pape-Dawson Engineers, Inc.

  
Gilmer D. Gaston, P.E., PTOE  
Vice-President

City of San Antonio

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

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

**City of San Antonio**  
**Discretionary Contracts Disclosure**

*For use of this form, see Section 2-59 through 2-61 of the City Code (Ethics Code)  
Attach additional sheets if space provided is not sufficient.*

**(1) Identify any individual or business entity<sup>1</sup> that is a **party** to the discretionary contract:**

Pape-Dawson Engineers, Inc.

**(2) Identify any individual or business entity which is a **partner**, **parent** or **subsidiary** business entity, of any individual or business entity identified above in Box (1):**

**X No partner, parent or subsidiary; or**

**List partner, parent or subsidiary of each party to the contract and identify the corresponding party:**

**(3) Identify any individual or business entity that would be a **subcontractor** on the discretionary contract.**

**X No subcontractor(s); or**

**List subcontractors:**

**(4) Identify any **lobbyist** or **public relations firm** employed by any party to the discretionary contract for purposes related to seeking the discretionary contract.**

**X No lobbyist or public relations firm employed; or**

**List lobbyists or public relations firms:**

<sup>1</sup> A *business entity* means a sole proprietorship, partnership, firm, corporation, holding company, joint-stock company, receivership, trust, unincorporated association, or any other entity recognized by law. A sole proprietor should list the name of the individual and the d/b/a, if any.

**City of San Antonio**  
**Discretionary Contracts Disclosure**

*For use of this form, see Section 2-59 through 2-61 of the City Code (Ethics Code)  
Attach additional sheets if space provided is not sufficient.*

**(5) Political Contributions**

List all political contributions totaling one hundred dollars (\$100) or more within the past twenty-four (24) months made to any *current* or *former member* of City Council, any *candidate* for City Council, or to any *political action committee* that contributes to City Council elections, by any individual or business entity whose identity must be disclosed under Box (1), (2), (3) or (4) above, or by the officers, owners of any business entity listed in Box (1), (2) or (3):

☐ No contributions made; If contributions made, list below:

By Whom Made:	To Whom Made:	Amount:	Date of Contribution:
See attached listing.			


**(6) Disclosures in Proposals**

Any individual or business entity seeking a discretionary contract with the city must disclose any known facts which, reasonably understood, raise a question<sup>2</sup> as to whether any city official or employee would violate Section 2-43 of the City Code (Ethics Code), ("conflicts of interest") by participating in official action relating to the discretionary contract.

X Party not aware of facts which would raise a "conflicts-of-interest" issue under Section 2-43 of the City Code; or

Party aware of the following facts:

This form is required to be supplemented in the event there is any change in the information before the discretionary contract is the subject of council action, and no later than five (5) business days after any change about which information is required to be filed, whichever occurs first.

<b>Signature:</b>  Wayne Brasington	<b>Title: CFO</b>  <b>Company or D/B/A:</b> Pape-Dawson Engineers, Inc	<b>Date:</b>  May 20, 2005
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<sup>2</sup> For purposes of this rule, facts are "reasonably understood" to "raise a question" about the appropriateness of official action if a disinterested person would conclude that the facts, if true, require recusal or require careful consideration of whether or not recusal is required.

May 20, 2005

**DISCRETIONARY CONTRACT ETHICS STATEMENT  
PAPE-DAWSON ENGINEERS, INC.**

Political contributions of more than \$100 made during the previous twenty-four months to Council members, candidates and political action committees.

**Eugene H. Dawson**

May 2005	Phil Hardberger	\$1,000
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**Eugene H. Dawson, Jr.**

March 2005	Roger Flores	\$250
March 2005	Ray Lopez	\$250
May 2005	Noel Suniga	\$250
May 2005	Ray Lopez	\$250
May 2005	Phil Hardberger	\$1,000

**Samuel G. Dawson**

May 2004	Chip Haass	\$250
March 2005	Roger Flores	\$250
April 2005	Art Hall	\$250
May 2005	Noel Suniga	\$250
May 2005	Phil Hardberger	\$1,000
May 2005	Ray Lopez	\$250


**Dennis R. Rion**

May 2005	Noel Suniga	\$250
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**Officers**

May 2003	Consulting Engineers	\$1,800
	Council of Texas – PAC	
August 2004	Consulting Engineers	\$1,800
	Council of Texas – PAC	
Various	Candidates and Previous	\$6,150
	Council not holding office	

Pape-Dawson Engineers, Inc.



Wayne Brasington  
Chief Financial Officer

**PAPE-DAWSON ENGINEERS, INC.**

**CITY OF SAN ANTONIO**  
Interdepartmental Correspondence Sheet

**TO:** Councilmember Art A. Hall - District 8

**THROUGH:** Melissa Byrne Vossmer, Assistant City Manager

**FROM:** Thomas G. Wendorf, P.E., Director of Public Works

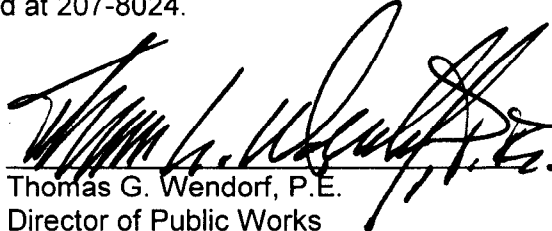
**COPIES TO:** Jason E. Cosby, P.E., Doug Yerkes, P.E., Ph. D., Maria Villagomez; File

**SUBJECT:** NEIGHBORHOOD ACCESSIBILITY AND MOBILITY PROGRAM (NAMP)

**DATE:** June 9, 2005

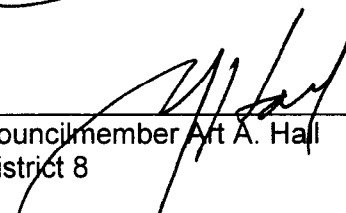
This memorandum is in response to your request to fund the cost of a traffic impact study on the proposed Prue Road Extension from the District 8 NAMP fund. The cost of the Synchro/Sim Traffic Analysis in addition to project management and coordination is \$43,707 and will be performed by Pape-Dawson Engineers, Inc. under a previously authorized Indefinite Delivery Professional Services Agreement approved by Council on January 6, 2005. Attached please find a copy of the proposal submitted by Pape-Dawson Engineers, Inc.

Please show your concurrence by signing and returning this memorandum to our office. If you have any questions, please contact Nancy Beward at 207-8024.

  
Thomas G. Wendorf, P.E.  
Director of Public Works

(Please circle one)

APPROVE/DISAPPROVE

  
\_\_\_\_\_  
Councilmember Art A. Hall  
District 8

TGW:mdv

Attachment