

# CONSULTING ENGINEERS CONTRACT

WHEREAS, this contract shall be administered on behalf of the **City** by its **City Engineer** or his duly authorized representative. The **Engineer** shall fully comply with any and all instructions from said **City Engineer**.

## **AGREEMENT**

NOW, THEREFORE, the **City** and the **Engineer**, in consideration of the mutual covenants and agreements herein contained, do mutually agree as follows:

The **City** agrees to retain the **Engineer**, and the **Engineer** agrees to provide Services in connection with the Project as defined herein, and for having rendered such Services the **City** agrees to pay to the **Engineer** fee for these Services as mutually agreed. All Services under this Contract shall be performed under the direct supervision of the **City Engineer**.

### **1. Scope of Services.**

- A. Basic Services Parts I & II: The work tasks and activities to be performed and deliverable to be provided by the **Engineer** shall be in accordance with Attachment A, Scope of Services, including modifications to the Basic Services as mutually agreed to by the **City** and the **Engineer** in accordance with the provisions of this Contract.
- B. Additional Services Not Included In Basic Services: When mutually agreed to in writing by the **City** and the **Engineer**, the Additional Services shall be provided by the **Engineer**. These Additional Services are not included as a part of Basic Services and shall be paid for by the **City** in addition to payment for Basic Services. Should it be determined that one or more of the requirements of this Contract conflict with the requirements of the Scope of Services, including modifications to the Scope of Services or any attachments to this contract; the requirement of the Contract shall govern.

- 2. **Progress Schedule.** Within ten (10) days after receiving Notice to Proceed (NTP) the **Engineer** shall submit to the **City** a Schedule of Services consisting of a listing of the major Project tasks, the estimated consultant hours required to perform the tasks, the percentage of the Contract budget estimated to be allocated to each task and a bar chart schedule showing task beginning and completion dates. Significant milestones for the Project shall be identified. At a minimum, milestones shall be provided for the three design submittals described in Attachment A, Scope of Services: Conceptual Design Submittal, Preliminary Design Submittal, and Final Plans, Specifications, and Estimate (PS&E) Submittal. Based on Schedule of Services, the **City** shall compile Attachment D, Project Schedule which shall become a part of this Contract upon approval of the **Engineer** and the **City**. The **Engineer** shall provide to the **City** information to report and monitor the design tasks within the Project Schedule by completing a "Design Progress Report" on a form provided by the **City**. The **Engineer** shall complete and provide to the **City** said report at two week intervals.

3. **Compensation.**

- A. Basic Services Part I Fee: The **Engineer** shall be paid a fee for Basic Services Part I under this Contract pursuant to the Fee Schedule described in Attachment A, Scope of Services. Basic Services Part I Fee shall not exceed the lump sum of Forty Thousand dollars (\$40,000.00) provided, however, that modifications to the Basic Services Part I, or other conditions defined herein may necessitate a change of Fee which shall be reduced to writing and approved by the City or its designee.
- B. Basic Services Part II Fee (Additional Services): The **Engineer** should be paid a fee under this Contract for Basic Services Part II pursuant to the Fee Schedule described in Attachment A, Scope of Services. Basic Services Part II Fee shall not exceed the lump sum of One Hundred Twenty One Thousand dollars (\$121,000.00) provided, however, that modifications to the Basic Services Part II, or other conditions defined herein may necessitate a change of Basic Fee which shall be reduced to writing and approved by the City or its designee.
- C. Total Maximum Fee: Total Maximum Fee for this Contract shall be a lump sum of One Hundred Sixty-One Thousand dollars (\$161,000.00): The lump sum Basic Services Part I Fee plus the lump sum Basic Services Part II Fee.
- D. Invoices: The **Engineer** shall submit invoices at not less than thirty (30) calendar days for Basic Services Part I and/or Basic Services Part II on or before the twenty fifth (25th) calendar day of the month, or the preceding business day if the twenty fifth occurs on a weekend and/or observed holiday. Payment shall be based on the invoices submitted to the **City**, provided that Services completed as indicated in the Design Progress Reports approved by the **City** equals or exceeds the increment percentage requested on the **Engineer's** invoices. **Engineer's** invoices to **City** shall provide complete information and documentation to substantiate **Engineer's** charges and shall be in a form to be specified by the **City Engineer**. Should additional documentation be requested by the **City Engineer** the **Engineer** shall comply promptly with such request.
- E. Payments: All payments to **Engineer** shall be made on the basis of the invoices submitted by the **Engineer** and approved by the **City**. Following approval of invoices, **City** shall endeavor to pay **Engineer** promptly, however, under no circumstances shall **Engineer** be entitled to receive interest on amounts due. The **City**, in compliance with Texas State law, shall process a maximum of one payment to the **Engineer** per month. **City** reserves the right to correct any error that may be discovered in any invoice whether paid to the **Engineer** or not, and to withhold the funds requested by the **Engineer** relative to the error.

4. **Fee Increases.** Any other provision in this Contract notwithstanding, it is specifically understood and agreed that the **Engineer** shall not be authorized to undertake any Services pursuant to this Contract requiring the payment of any fee, expense or reimbursement in addition to the fees stipulated in Article 3 of this Contract, without having first obtained specific written authorization from the **City**. The written authorization for additional Services shall be in the form of a Modification to the Scope of Services approved by the City Engineer and/or the City Council, if required.
5. **Modifications to the Scope of Services.** Either the **Engineer** or the **City Engineer** may initiate a written request for a Modification to the Scope of Services when in the opinion of the requesting Party, the needs and conditions of the Project warrant a modification. Upon the receipt of a request by either Party, the **Engineer** and the **City Engineer** shall review the conditions associated with the request and determine the necessity of a modification. When the Parties agree that a modification is warranted, the **Engineer** and the **City Engineer** shall negotiate the specific modification(s) and any changes in the Total Maximum Fee or Project Schedule resulting from the modification(s). Approval of a modification shall be in the form of a written Modification to the Scope of Services which clearly defines the changes to the previously approved Scope of Services, Fee and/or Project Schedule. Said written Modification shall be approved by **Engineer**, authorized by the City Council, if required, and issued by the **City Engineer**. Issuance of the approved Scope of Services modification shall constitute a notice to proceed with the Project in accordance with the modified Scope of Services. The **City Engineer** may issue written Modifications to the Scope of Services without prior approval of the City Council when the modifications are to be accomplished within the authorized Total Maximum Fee and do not materially or substantively alter the overall scope of the Project, the Project Schedule or the Services provided by the **Engineer**.
6. **Project Deliverables.** For each submittal identified in Attachment A, Scope of Services, the **Engineer** shall provide the **City** with one set of reproducibles, one set of blueprints or hard copy and electronic media of the submittal documents. For any required environmental assessment, the **Engineer** shall provide one set of draft and one set of final Environmental Reports. The Environmental Reports shall be submitted as original reproducibles and on electronic media. The electronic file may omit photographs and government prepared maps. If photographs are included in the report they shall be taken with a 35 mm camera or larger format camera. Color laser copies may be substituted for the original photographs in the final report.

A transmittal letter shall be included with the Environmental Reports and shall include an executive summary outlining: a.) Findings of the Reports; b.) Conclusions; c.) Recommendations; and d.) Mitigation/remediation cost estimates.
7. **Project Control.** It is understood and agreed that all Services shall be performed under the administrative direction of the **City Engineer**. No Services shall be performed under this Contract until a written Notice to Proceed is issued to the **Engineer** by the **City Engineer**. In addition, the **Engineer** shall not proceed with any Services after the completion and

delivery to the **City** of the Conceptual Design Submittal, Preliminary Design Submittal, or the Final PS&E Submittal as described in the Basic Services without written instruction from the **City**. The **Engineer** shall not be compensated for any Services performed after the said submittals and before receipt of **City's** written instruction to proceed.

8. **Partnering.** The **City** shall encourage participation in a partnering process that involves the **City, Engineer** and his or her sub-consultants, and other supporting jurisdictions and/or agencies. This partnering relationship shall begin at the Pre-Design Meeting and continue for the duration of this Contract. By engaging in partnering, the parties do not intend to create a legal partnership, to create additional contractual relationships, or to in any way alter the legal relationship which otherwise exists between the **City** and the **Engineer**. The partnering effort shall be structured to draw on the strengths of each organization to identify and achieve reciprocal goals. The objectives of partnering are effective and efficient contract performance and completion of the Project within budget, on schedule, in accordance with the Scope of Services, and without litigation. Participation in partnering shall be totally voluntary and all participants shall have equal status.
9. **Disputes.** The **City Engineer** shall act as referee in all disputes under the terms of this Contract between the Parties hereto. In the event the **City Engineer** and the **Engineer** are unable to reach acceptable resolution of disputes concerning the Scope of Services to be performed under this Contract, the **City** and the **Engineer** shall negotiate in good faith toward resolving such disputes. The **City Engineer** may present unresolved disputes arising under the terms of this Contract to the City Manager or designee. The decision of the City Manager or designee shall be final and binding. An irreconcilable or unresolved dispute shall be considered a violation or breach of contract terms by the **Engineer** and shall be grounds for termination. Any increased cost incurred by the City arising from such termination shall be paid by the **Engineer**.
10. **Engineer's Seal.** The **Engineer** shall place his Texas Professional Engineers seal on all engineering documents and engineering data prepared under the supervision of the **Engineer** in the performance of this Contract.
11. **Liability.** Approval of the Plans, Specifications, and Estimate (PS&E) by the **City** shall not constitute nor be deemed a release of the responsibility and liability of **Engineer**, its employees, subcontractors, agents and consultants for the accuracy and competency of their designs, working drawings, tracings, magnetic media and/or computer disks, estimates, specifications, investigations, studies or other documents and work; nor shall such approval be deemed to be an assumption of such responsibility by the **City** for any defect, error or omission in the design, working drawings, tracings, magnetic media and/or computer disks, estimates specifications, investigations, studies or other documents prepared by **Engineer**, its employees, subcontractors, agents and consultants. **Engineer** shall indemnify **City** for damages resulting from such defects, errors or omissions and shall secure, pay for and maintain in force during the term of this Contract sufficient errors and omissions insurance in

the amount of \$250,000.00 single limit, with certificates evidencing such coverage to be provided to the **City**. The redesign of any defective work shall be the sole responsibility and expense of the **Engineer**. Any work constructed, found to be in error because of the **Engineer's** design, shall be removed, replaced, corrected or otherwise resolved at the sole responsibility and expense of the **Engineer**. The parties further agree that this liability provision shall meet the requirements of the express negligence rule adopted by the Texas Supreme Court and hereby specifically agree that this provision is conspicuous.

12. **Indemnification.** **Engineer** shall indemnify, hold harmless and defend the City of Coppell, its officers, agents and employees from any loss, damage, liability or expense, including attorney fees, on account of damage to property and injuries, including death, to all persons, including employees of **Engineer** or any associate consultant, which may arise from any errors, omissions or negligent act on the part of **Engineer**, its employees, agents, consultants or subcontractors, in performance of this Contract, or any breach of any obligation under this Contract. It is further understood that it is not the intention of the parties hereto to create liability for the benefit of third parties, but that this agreement shall be solely for the benefit of the parties hereto and shall not create or grant any rights, contractual or otherwise to any person or entity. The parties further agree that this indemnification provision shall meet the requirements of the express negligence rule adopted by the Texas Supreme Court and hereby specifically agree that this provision is conspicuous.
13. **Delays and Failure to Perform.** **Engineer** understands and agrees that time is of the essence and that any failure of the **Engineer** to complete the Services of this Contract within the agreed Project Schedule shall constitute material breach of this Contract. The **Engineer** shall be fully responsible for its delays or for failures to use diligent effort in accordance with the terms of this Contract. Where damage is caused to the **City** due to the **Engineer's** failure to perform in these circumstances, the **City** may withhold, to the extent of such damage, **Engineer's** payments hereunder without waiver of any of **City's** additional legal rights or remedies. The **Engineer** shall not be responsible for delays associated with review periods by the **City** in excess of the agreed Project Schedule.
14. **Termination of Contract.** It is agreed that the **City** or the **Engineer** may cancel or terminate this Contract for convenience upon fifteen (15) days written notice to the other. Immediately upon receipt of notice of such cancellation from either party to the other, all Services being performed under this Contract shall immediately cease. Pending final determination at the end of such fifteen-day period, the **Engineer** shall be compensated on the basis of the percentage of Services provided prior to the receipt of notice of such termination and indicated in the final Design Progress Report submitted by the **Engineer** and approved by the **City**.
15. **Personnel Qualifications.** **Engineer** warrants to the **City** that all Services provided by **Engineer** in the performance of this Contract shall be provided by personnel who are appropriately licensed or certified as required by law, and who are competent and qualified in their respective trades or professions.

16. **Quality Control.** The **Engineer** agrees to maintain written quality control procedures. The **Engineer** further agrees to follow those procedures to the extent that, in the **Engineer's** judgment, the procedures are appropriate under the circumstances.
17. **Ownership.** All **Engineer's** designs and work product under this Contract, including but not limited to tracings, drawings, electronic or magnetic media and/or computer disks, estimates, specifications, investigations, studies and other documents, completed or partially completed, shall be the property of the **City** to be used as **City** desires, without restriction; and **Engineer** specifically waives and releases any proprietary rights or ownership claims therein and is relieved of liability connected with any future use by **City**. Copies may be retained by **Engineer**. **Engineer** shall be liable to **City** for any loss or damage to such documents while they are in the possession of or while being worked upon by the **Engineer** or anyone connected with the **Engineer**, including agents, employees, consultants or subcontractors. All documents so lost or damaged while they are in the possession of or while being worked upon by the **Engineer** shall be replaced or restored by **Engineer** without cost to the **City**.
18. **Project Records and Right to Audit.** The **Engineer** shall keep, retain and safeguard all records relating to this Contract or work performed hereunder for a minimum period of three (3) years following the Project completion, with full access allowed to authorized representatives of the **City** upon request for purposes of evaluating compliance with provisions of this Contract. Should the **City Engineer** determine it necessary, **Engineer** shall make all its records and books related to this Contract available to **City** for inspection and auditing purposes.
19. **Non-Discrimination.** As a condition of this Contract, the **Engineer** shall take all necessary action to ensure that, in connection with any work under this Contract it shall not discriminate in the treatment or employment of any individual or groups of individuals on the grounds of race, color, religion, national origin, age, sex or physical impairment unrelated to experience, qualifications or job performance, either directly, indirectly or through contractual or other arrangements.
20. **Gratuities.** City of Coppell policy mandates that employees shall never, under any circumstances, seek or accept, directly or indirectly from any individual doing or seeking to do business with the City of Coppell, loans, services, payments, entertainment, trips, money in any amount, or gifts of any kind.
21. **No Waiver.** No action or failure to act on the part of either Party at any time to exercise any rights or remedies pursuant to this Contract shall be a waiver on the part of that Party of any of its rights or remedies at law or contract.
22. **Compliance with Laws.** The **Engineer** shall comply with all Federal, State and local laws, statutes, City Ordinances, rules and regulations, and the orders and decrees of any courts, or

administrative bodies or tribunal in any matter affecting the performance of this Contract, including without limitation, worker's compensation laws, minimum and maximum salary and wage statutes and regulations, and licensing laws and regulations. When required, **Engineer** shall furnish the **City** with satisfactory proof of compliance therewith.

23. **Severability.** In case one or more of the provisions contained in this Contract shall for any reason be held invalid, illegal, or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions hereof and this Contract shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.
24. **Venue.** With respect to any and all litigation or claims, the laws of the State of Texas shall apply and venue shall reside in Dallas County.
25. **Prior Negotiations.** This Contract supersedes any and all prior understandings and agreement by and between the Parties with respect to the terms of this Contract and the negotiations preceding execution of this Contract.
26. **Contacts.** The **Engineer** shall direct all inquiries from any third party regarding information relating to this Contract to the City Engineer.



27. **Notification.** All notices to either Party by the other required under this Contract shall be delivered personally or sent by certified U.S. mail, postage prepaid, addressed to such Party at the following respective addresses:

**City:** City of Coppell, Texas  
City Engineer  
265 Parkway Blvd  
Coppell, TX 75019

**Engineer:** J. Volk Consulting, Inc.  
Matt Atkins, P.E.  
800 East Campbell Road, Ste. 120  
Richardson, TX 75081

IN WITNESS WHEREOF, the City of Coppell, Texas and the **Engineer** has caused these presents to be executed by duly authorized representatives on the day and year set forth above.

**THE CITY OF COPPELL**  
**BY:**

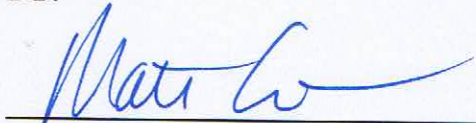
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**City Manager**

**Date:** \_\_\_\_\_

**ATTEST:**

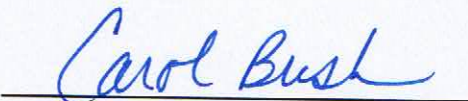
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**ENGINEER: J. Volk Consulting, Inc.**  
**BY:**

  
\_\_\_\_\_  
Matt Atkins, P.E., Vice President

**Date:** 3/27/15

**ATTEST:**

  
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(CORPORATE SEAL)

## ATTACHMENT "A" BASIC SERVICES

The **Engineer** agrees to render services necessary for the development and completion the Project as outlined herein. The Basic Services to be performed by **Engineer** under this Contract include the following:

### PROJECT DESCRIPTION

#### OVERVIEW:

The City of Coppell would like to evaluate and provide schematic level design and planning for the streets listed below. The roadways are in the latter stages of their design life and will need to be replaced within the next 10 years. The purpose of this study will be to provide schematic level design report presenting an evaluation of the public infrastructure located within the limits of the project. The evaluation will include a study of the alignment, configuration of each roadway, and the age of water, sewer and storm drain facilities within the roadways. A proposed schematic layout will be prepared for each roadway as well as a detailed cost analysis for replacing the public infrastructure for each roadway. The results of the schematic analysis will be used to plan and identify funding sources and mechanisms for the replacement of the facilities.

#### S. BELTLINE ROAD

Beltline Road from just north of IH 635 north to Southwestern Boulevard is currently a six lane divided concrete street with a landscaped median. Water, sanitary sewer and storm drain facilities are located within the right-of-way for the entire length of the project. Much of the adjacent land is fully developed with industrial and commercial uses. Along the east side of the roadway will be the new Northlake development, currently in the design development phase, that will include mixed uses.

Beltline Road currently has five signalized intersections along with various right and left turn lanes. These lanes have been added or modified as development has occurred adjacent to the project.

#### FREEPORT PARKWAY

Freeport Parkway from just north of IH 635 north to W. Bethel Road is currently a four lane divided concrete street with a landscaped median. The current alignment has a significant bend just north of Grapevine Creek that limits the mobility through the corridor. Water, sanitary sewer and storm drain facilities are located within the right-of-way for the entire length of the project. Much of the adjacent land is fully developed with industrial and commercial uses.

Freeport Parkway has an at-grade railroad crossing just north of Southwestern Boulevard and no signalized intersections. Various length left turn lanes are located throughout the project limits to serve adjacent properties primarily consisting of industrial and commercial uses.

The existing bridge over Grapevine Creek will be evaluated for condition and proposed options will be presented for modifying or replacing the bridge to accommodate an adjustment in the alignment to increase the design speed through the area.

#### **ROYAL LANE:**

Royal Lane is currently a four lane divided roadway with a generally wide median for future expansion. The project limits run from just north of IH 635 north to North Point Drive. . Water, sanitary sewer and storm drain facilities are located within the right-of-way for the entire length of the project. Much of the adjacent land is fully developed with industrial and commercial uses.

Royal Lane crosses Cottonwood Branch with two individual bridges for each direction of travel. An at-grade rail crossing exists just north of IH 635 and there is a signalized intersection at Bethel Road. Left turn lanes of varying lengths provide access to the adjacent properties.

### **BASIC SERVICES TO BE PERFORMED**

J. Volk Consulting (JVC) proposes the following professional services:

#### **1. RESEARCH/DATA COLLECTION**

JVC will coordinate with the City of Coppell engineering staff to collect all pertinent data the City has on each roadway and the adjacent developments. Data on existing utilities will be collected as well as any design information on the existing bridges and drainage structures. Any information on signalized intersections will be collected to determine the existing facilities. Franchise utility information will not be collected at this point.

#### **2. DRAINAGE EVALUATION**

JVC will evaluate the original drainage designs for comparison to the current City of Coppell standards. A schematic level drainage design will be developed to evaluate the existing drainage facilities in order to determine the sizes of any additional or replacement drainage facilities. Existing bridges will not be evaluated for capacity nor will any modeling of creeks or streams be performed. For the schematic level evaluation, HGL calculations will not be performed. All of the findings and results of the drainage evaluation will be included in a Schematic Design Report as described below.

#### **3. SCHEMATIC DESIGN**

Utilizing the information collected and the results of the traffic study, bridge study, and geotechnical study, a schematic level design will be developed for each roadway. The schematic design will graphically reflect the findings of the various studies and evaluations as an overlay to an aerial photograph. Any alignment changes, revisions to turn lanes, additional lanes, median improvements, water system improvements, sanitary sewer system improvements, drainage improvements, bridge

modifications/improvements/replacements, pedestrian improvements, etc. will be shown on the schematic exhibit for each street.

#### **4. COST OPINIONS**

Schematic level cost opinions will be developed for each roadway to be used for developing budgets for the proposed improvements. Anticipated quantities will be itemized and unit prices developed based upon current construction pricing. Any alternatives developed during the schematic design will be included in the final cost opinions. Upon completion of this project, it is anticipated that these cost opinions will be used to develop possible funding sources for completion of the proposed improvements.

#### **5. SCHEMATIC DESIGN REPORT**

All of the findings from this project will be presented in a Schematic Design Report. A summary of the design process and assumptions will be presented along with any recommendations from the related studies. Ages and any known conditions of City owned utility facilities within the project limits will be shown along with the recommended improvements for those facilities. Any special conditions discovered during the schematic design process will be explained.

### **ADDITIONAL SERVICES**

#### **1. Geotechnical Investigation**

JVC will contract with a reputable Geotechnical Engineering firm to provide a geotechnical investigation of the projects. The investigation will perform subsurface exploratory borings at approximately 1,000-foot intervals to a depth of ten feet and collect samples for recording subsurface conditions and laboratory testing. Additionally, exploratory borings into bedrock near the bridge on Freeport Parkway for the purposes of providing typical foundations to support bridge modifications. Results of field and laboratory will be presented in a report with recommendations on options for the pavement structure for the proposed improvements along with recommendations for subgrade options. Data required for the design of typical foundation systems for bridge modifications will be provided.

#### **2. Traffic Study**

JVC will contract with a reputable traffic engineering firm to provide a Traffic study for the three roadways. The Study will consist of the following:

##### *Collection of Background Information:*

- Field observation of traffic operations at major intersections along each roadway within segment to identify movements experiencing capacity constraints.

- Collect any existing or historical traffic count data for project roadway segments and intersections
- Work with the City of Coppell to collect future traffic volume data from the NCTCOG. Scope of work does not include developing new volumes for the design year, but will develop peak hour volumes for the project roadway segments based on the daily volumes provided by the NCTCOG.
- Evaluate planned and future development plans.
- Collect and evaluate any traffic study performed by the City or for a private development.
- Evaluate crash summary data (not individual crash report), if available.

*Perform Roadway Traffic Analysis:*

- Based on the traffic volume data obtained, develop roadway link volumes for each project segment. Utilizing the traffic volume data, perform roadway link capacity analysis for each project roadway segment.
- Based on the link capacity analysis results, recommend ultimate lane configurations (number of through lanes in each direction of travel) for each project roadway segment.
- Identify improvements at major intersections along each project roadway segments. These improvements may include turn lanes, traffic signal upgrades or new installations, lighting, ITS devices etc.

### **3. Schematic Level Structural Evaluation:**

JVC will contract with a reputable structural engineering firm to evaluate and provide recommendations for the two Royal Lane Bridges over Cottonwood Branch and the one Freeport Parkway Bridge over Grapevine Creek according to the following:

*Bridge Condition Assessment*

- Visual assessment of bridge superstructure and substructure, wearing surface/joints and approaches.
- Meeting to discuss assessment findings.
- Condition assessment report documenting condition of bridge elements and immediate-, short- and long-term repair/maintenance/replacement considerations. (Costs to include design and aesthetic treatments.)
- Condition assessment findings will allow for refinement of material and other on-site testing needs required, including corrosion evaluation/testing, petrographic examination and impact-echo or ground penetrating radar

#### *Bridge Load Rating*

- Independent verification of bridge load rating analysis and calculations (live load capacity) as completed by TxDOT/BRINSAP inspector. Inventory and operating rating verification.

#### *Repair Options*

- Provide short-term repair options and costs, duration, considerations.
- Provide deck/bearing replacement options and costs, duration, considerations.
- Provide total replacement options and costs, duration, considerations.

#### *Lifecycle Analysis*

- Lifecycle analysis of project options (do nothing, short-term, medium-term, replacement).
- Service life determinations.
- Maintenance costs and present values of options.

#### **4. Reimbursable Expenses**

Reimbursable expenses such as printing and plotting will be provided according to the standard fee schedule attached to this document. Reimbursable expenses will not exceed dollar amount shown.

## **COMPENSATION**

Professional Fees for Basic Services shall be as follows:

### Basic Services:

Schematic Design	\$40,000.00
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### Additional Services:

Geotechnical Investigation	\$50,000.00
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Traffic Study	\$16,000.00
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Structural Evaluation	\$50,000.00
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Reimbursable Expenses	<u>\$5,000.00</u>
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	\$121,000.00
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<b>Total Fee</b>	<b>\$161,000.00</b>
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**J. VOLK CONSULTING, INC. FEE SCHEDULE AS OF JANUARY 1, 2015**

<b><i>HOURLY RATES:</i></b>	
Principal/Project Manager	\$150.00
Project Engineer	\$120.00
CAD Technician	\$95.00
Clerical	\$55.00
Registered Professional Land Surveyor	\$125.00
GPS Two-man Crew	\$150.00
Easements By Separate Instrument	\$1,200.00
<b><i>REIMBURSABLE EXPENSES:</i></b>	
Plotting:	
24 x 36 Black & White Bond	\$4.50
24 x 36 Color Bond	\$28.50
11 x 17 Black & White Bond	\$1.50
11 x 17 Color Bond	\$2.50
Color Plot - Presentation Paper	\$7.50/SF