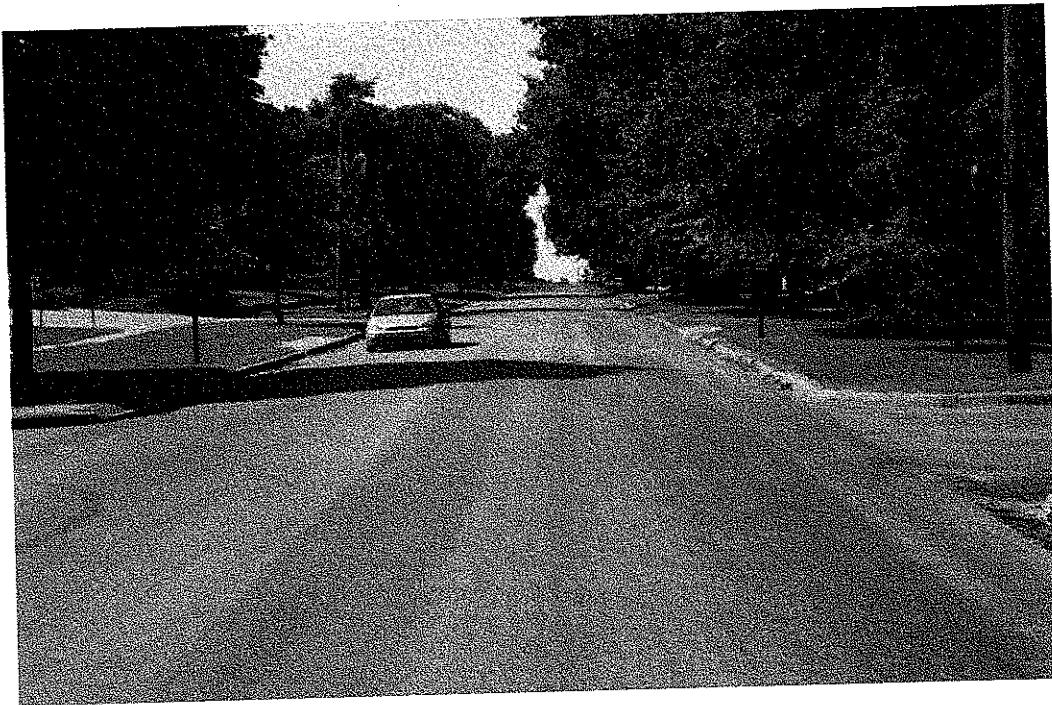


# Proposal to Provide Professional Engineering Services

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## **CITY OF HORTON, KANSAS**



**Street Improvements  
CDBG PROJECT NO. 07-PF-401**

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**C.P. Engineers & Land Surveyors, Inc.**  
320 SW 33<sup>rd</sup> Street  
Topeka, Kansas 66611  
(785) 267-5071

# CP Engineers & Land Surveyors Inc.

February 21, 2007

Mr. Levi Henry  
City Administrator  
205 E 8<sup>th</sup> Street  
Horton, KS 66439

Re: Statement of Qualifications – Professional Engineering Services  
CDBG Project No. 07-PF-401

Dear Levi:


We congratulate you for your outstanding effort in securing the Community Development Grant (CDBG) for the above referenced project. We are also proud of our contribution to your effort by providing you with a high quality Preliminary Engineer's Report (PER) in support of the application for the grant. Enclosed please find seven copies of our Statement of Qualifications for your consideration.

We strongly believe that our familiarity and knowledge about this project will certainly enable us to complete this work in a timely manner. In addition to preparing the Preliminary Engineers Report for the above referenced project, C.P. Engineers and Land Surveyors, Inc. has provided Professional Engineering services to the City of Horton on major projects in the past. Following are some of the highlights of our qualifications for your consideration.

- Project Team consisting of experienced professionals necessary to complete the Design Survey, Engineering Design, Construction Plans and Specifications **in 110 calendar days.**
- Experienced and certified Construction Inspectors to ensure high quality workmanship and materials and speedy resolution of any conflicts during the construction phase of the project.
- An established track record with similar projects with respect to **Control of Costs, Quality of Work, and Ability to meet schedules.**

We greatly appreciate your previous business and we look forward to discussing our qualifications with you in further detail. Please call or email me should you have any questions, comments or need additional information.

Sincerely,

  
Shoeb M. Uddin, MSCE, P.E.  
Project Manger / Engineer

# **TABLE OF CONTENTS**

**Section A - Experience and Technical Abilities**

**Section B - Capacity and Capability of Firm**

**Available Personnel**

**Proposed Project Schedule**

**Section C - Record of Performance**

**CDBG Experience**

**Section D - Proximity and Familiarity with the Area**

**Section E - References**

**Section F - Resumes**

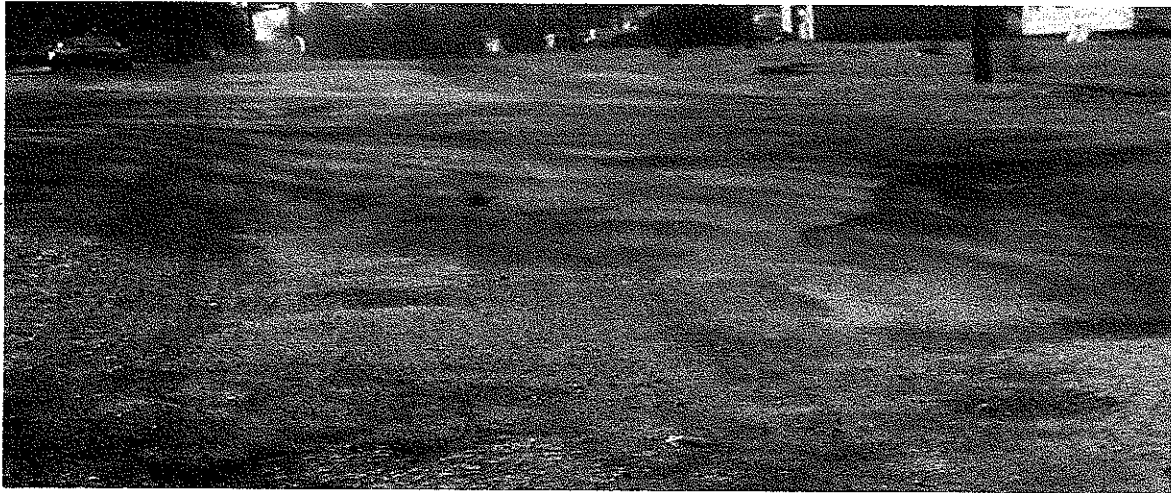
# Section A

## **EXPERIENCE AND TECHNICAL ABILITIES**

For over 23 years, C.P. Engineers and Land Surveyors, Inc. has been providing professional engineering, construction administration and land surveying services to a diverse group of clients including city, county and state governments, private businesses and individuals. To best serve our clients, our professional engineers and technical staff remain engaged in every step of the project from concept to completion.

Our firm has successfully completed a wide variety of street and highway projects throughout the state of Kansas. A sample of completed projects include the following:

**Street Improvement Project, Melvern, Kansas** - CDBG Project No. 05-PF-338. The City of Melvern had a total budget of \$800,000.00 (\$400,000.00 CDBG plus \$400,000.00 matching fund) for this project. We investigated alternative methods and materials of construction to maximize to benefit of this project to all residents. We closely worked with the members of the City Council and selected "Double Chip and Seal" as the surfacing material. In the end, we were able to remove and replace the existing surfacing of all streets within the City Limit of Melvern. In addition, we addressed drainage issues by installing storm sewer throughout the city, replacing culverts and widening drainage ditches. The project was completed under budget and ahead of schedule.



**City of Melvern, Kansas - Street condition before improvements**



**City of Melvern, Kansas - Street condition after improvements**



**North Pointe Ridge Subdivision, Shawnee County, Kansas**

**North Pointe Ridge Subdivision, Shawnee County, Kansas** - One of the most picturesque residential subdivisions in town. We provided the design and construction administration/inspection services for this project. The project included 3,592 L.F. of street, 6,681 L.F. of standard concrete curb and gutter, 10,040 S.Y. of asphalt pavement, concrete valley gutter, storm water inlets and Detention basins. There are a total of 25 large residential lots in this subdivision.

**South Pointe Bay Estates Subdivision, Shawnee County, Kansas** - This upscale residential subdivision project in Topeka included 12,377 S.Y. of asphalt paving, 8,500 L.F. of standard concrete curb and gutter, curb inlets, storm sewers and ditch excavation. There are 25 large residential lots in this subdivision. We provided the design and construction administration/inspection services for this project.

**Ritchey Subdivision, Shawnee County, Kansas** - This is a 60 acre rural subdivision located on S.W. 45<sup>th</sup> street and S.W. Hoch Road. There are 19 lots varying in sizes from 2 to 4 acres. The project included the subdivision plat, street design and construction administration/inspection. Street Design included 4,610 S.Y. of asphalt paving, 2,823 L.F. of curb and gutter, curb inlets and storm sewer Plans were prepared in accordance with Shawnee County (same as City of Topeka) Design Criteria and Drafting Standards. The construction was completed in 2003.

**Indian Valley Subdivision, Shawnee County, Kansas** - The project included the subdivision plat, street design and construction administration/inspection. This is a 50 acre residential subdivision with lots ranging in size between 1 and 3 acres. Street Design included 13,091 S.Y. of asphalt paving, 7,238 L.F. of curb and gutter, 14 curb inlets, 2,000 L.F. of storm sewer and channel excavation. Plans were prepared in accordance with Shawnee County (same as City of Topeka) Design Criteria and Drafting Standards.

# Section B

## CAPACITY AND CAPABILITY OF FIRM

C P Engineers & Land Surveyors, Inc. has the capacity to begin work on schedule and can commit experienced professional design, technical, survey and administrative personnel to complete your project in a timely manner.

Our current work load is at a moderate level, allowing sufficient time and personnel to complete your project **in 110 calendar days**, as outlined in the proposed project schedule on the following page.

The following personnel are available and will be assigned to this project:

- **Shoeb M. Uddin, MSCE, P.E.** - Project Manager / Engineer  
Will be in charge of all phases of the project including the design and construction phase.  
(Resume attached)
- **Forrest (Dale) Foland, P.E.** - Design Engineer  
Will assist Mr. Uddin, as necessary, in all phases of this project.  
(Resume attached)
- **Martin Long, L.S.** - Vice President - Survey Operations.  
Will be responsible for collection of all field data, topographic and boundary survey and construction staking.  
(Resume attached)
- **Robert J. Delong** - Senior Engineering Technician/Construction Inspector  
Will be responsible for computer aided drafting and construction inspection.  
(Resume attached)
- **William R. (Bill) Trueblood** - Construction Inspector  
Will be responsible for construction inspection.  
(Resume attached)
- **Jesse Noll** - Engineering/Survey Technician/Construction Inspector  
Will assist in survey, drafting and construction inspection as needed.  
(Resume attached)
- **Deborah A. Stickler** - Office Manager/Administrative Assistant  
Will provide assistance with project correspondence, specifications and accounting responsibilities.  
(Resume attached)

**City of Horton, Kansas  
Street Improvements  
CDBG PROJECT NO. 07-PF-401**

The following project schedule assumes a start date of March 12, 2007:

| <b>PROPOSED PROJECT SCHEDULE: March 12 - June 29</b> |              |              |            |             |
|------------------------------------------------------|--------------|--------------|------------|-------------|
| <b>Task/Month</b>                                    | <b>March</b> | <b>April</b> | <b>May</b> | <b>June</b> |
| Design Survey                                        | ■            |              |            |             |
| Preliminary Design Plans                             |              | ■            |            |             |
| Field Check Plans                                    |              | ■            |            |             |
| Office Check Plans and Specifications                |              |              | ■          |             |
| Final Plans and Specifications ready for Bid         |              |              |            | ■           |

# Section C

## RECORD OF PERFORMANCE

Members of our project team closely work with city personnel, state and local authorities, and construction contractors to meet schedule deadlines, ensure compliance with state and federal laws, regulations and other requirements, and to keep costs within the project budget. We evaluate each phase of the project, update cost estimates with current bid tabs, assist the city with the advertising and contractor selection process, and monitor activities during construction. Experienced professionals at C.P Engineers strive to ensure that projects are completed within budget and as scheduled, while ensuring high quality of workmanship and materials. With our hard work and professionalism, we have established a track record of quality and competence and a long list of satisfied and repeat clients. Our clients, as listed below, will affirm our ability and record of performance as to **Control of Costs, Quality of Work, and Ability to meet Schedules.**

- **City of Melvern** – City wide street improvement project, completed in 2006 under budget and ahead of schedule. This project was funded in part by Community Development Block Grant.

### Contacts

Mr. Joe Warner, City Councilman and former Mayor of Melvern. Mr. Warner also has construction experience with Army Corps of Engineers. Phone: 785-549-3378

Ms. Stacy Denton, City Clerk - Phone: 785-549-3447

- **City of St. Paul** – Numerous street, sewer and water projects. The City of St. Paul has been a satisfied and repeat client for over 10 years. In 2003, we completed the downtown revitalization project (funded in part by Community Development Block Grant) in St. Paul. Contact: Bill Trieber, City Councilman - Phone: 620-449-2266
- **City of Lakin** – Numerous street, sewer and water projects. In 2005, we completed the Downtown Main Street (K-25 Highway) Reconstruction project (funded in part by Kansas Department of Transportation) under budget and as scheduled. Total Project Cost: 1.7 million dollars. Contact: Cindy Broeckelman, City Clerk - Phone: 620-355-6252
- **City of Hamilton** – Sewer Lagoon Project (funded in part by Community Development Block Grant). This project was completed under budget, as scheduled and the client has been highly satisfied with the quality of our work. Contact: Travis Ratcliff, Mayor - Phone: 620-678-3371
- **City of Topeka** – We have completed numerous drainage correction and community improvement project. Currently serving the City as on-call consultant for drainage related projects. Contact: Mr. Kelly Haller, Storm Water Manager - Phone: 785-368-3842
- **Lakewood Hills Improvement District** – District wide Low Pressure Sewer Collection system, Construction is moving as scheduled and under budget. Contact: Joyce Day, Office Manager - Phone: 785-876-2259

## **SAMPLE OF CDBG PROJECT EXPERIENCE**

**Wastewater Collection System, Lakewood Hills, Kansas** - CDBG Project No. 05-PF-519. Estimated Total Project Cost: 1.1 million dollars. The project includes Installation of 85 grinder pump stations and the associated force main network throughout the district.

**Street Improvement Project, Melvern, Kansas** - CDBG Project No. 05-PF-338. This project includes removal and replacement of existing surfacing of the city streets, ditch excavation and installation of storm sewer in some areas within the city. The approximate project length is 5 miles.

**Street Improvement Project, St. Paul, Kansas** - CDBG Project No. 03-PF-229. This project included revitalization of the downtown area by installing new curb and gutter, sidewalk, street lighting and surfacing. Overlay of the existing asphalt surfacing on multiple city streets was also included in the project.

**Wastewater Collection and Treatment System Improvements, Hamilton, Kansas** - CDBG Project No. 03-PF-320. Design of a wastewater treatment lagoon which was an addition to the existing two lagoon treatment system. De-sludging the existing lagoons and installation of pipe network and inlet structures were also included in the project.

**Wastewater Collection and Treatment System, Wheaton, Kansas** - CDBG Project No. 96-PF-130. Design and construction inspection of a new collection and treatment system, including over 7000 L.F. of 8 inch sewer main and a 3-cell lagoon complex.

**Wastewater Collection and Treatment System Improvement, Admire, Kansas** - CDBG Project No. 97-PF-099. Design and construction inspection to construct a third cell at the city's wastewater treatment lagoon facility, including a new lift station and replacing existing sewer mains and manholes.

**Sanitary Sewer Interceptor, Horton, Kansas** - CDBG Projects, Phases I and II. Design and construction inspection of 2,800 L.F. of 18 inch sewer, along with repairs to the wastewater treatment facilities anaerobic digester and 3,000 L.F. of 12 inch and 15 inch sewer lines, over 30 manholes and service connection.

**Industrial Park Expansion, Coffeyville, Kansas** - Two KDC&H Industrial Development Grants provided funding for the design and construction inspection of a wastewater collection system, a water distribution and fire protection systems, street and access road improvements and a railroad spur for a new \$32 million production facility for the American Insulated Wire Corporation.

**Washington Street (K-57 Highway), St. Paul, Kansas** - CDBG Project No. 96-PF-131. Reconstruction and surfacing of 859 LF of street, curbs and gutter, school parking and sidewalks, storm drainage improvements at the intersection with Washington Street.

**Water Distribution System Replacement, Galesburg, Kansas** - CDBG Project No. 04-PF-410. Removal and replacement of existing water mains, water meters and fire hydrants. Repainting the city's water standpipe is also included in the project.

# Section D

# Section E

## REFERENCES

Mr. Bill Trieber, City Councilman  
City of St. Paul  
P.O. Box 311  
St. Paul, KS 66771  
Phone: (620) 449-2266

Mr. Joe Warner, City Councilman  
City of Melvern  
141 SW Main Street  
Melvern, KS 66510  
Phone: (785) 549-3447

Joyce Day, Office Manager  
Lakewood Hills Improvement Dist.  
9125 Lake Hills Road  
Ozawkie, Kansas 66070  
Phone: (785) 876-2259

Travis Ratcliff, Mayor  
City of Hamilton  
14 East Main  
Hamilton, KS 66853  
Phone: (620) 678-3371

Shawn Bruns, City Engineer  
City of Topeka  
620 SW Madison, 2<sup>nd</sup> Floor  
Topeka, KS 66607  
Phone: (785)

Cindy Broeckelman, City Clerk  
City of Lakin  
121 North Main  
Lakin, KS 67860  
Phone: (620) 355-6252

Mr. Kelly Haller, P.E.  
City of Topeka  
Engineering Division  
620 SE Madison, 2<sup>nd</sup> Floor  
Topeka, Kansas 66607  
Phone: (785) 368-3842

Mr. Bill Woodhouse  
ACI Frankhiser Hutchens  
11229 Nall, Suite 140  
Leawood, KS 66211  
Phone: (913) 338-2300

Mr. Pete Ritchey, Developer  
Ritchey Subdivision  
4547 SW Deer Trail  
Topeka, KS 66610  
Phone: (785)

Robert M. Hansen  
R.M. Hansen Design  
5040 SW 28<sup>th</sup> Street, Ste. G  
Topeka, KS 66614  
Phone: (785) 273-1094

# Section F

# Shoeb Uddin, P.E.

Years with firm - 9

## **EDUCATION:**

Bachelor of Science, Civil Engineering  
Bangladesh University of Engineering and Technology, 1992

Master of Science, Civil Engineering  
Kansas State University, 1998

## **MEMBERSHIP AND REGISTRATIONS:**

Registered Professional Engineer - Kansas & Ohio  
National Society of Professional Engineers

## **PROFESSIONAL EXPERIENCE:**

Mr. Uddin is a Registered Professional Engineer in the States of Kansas and Ohio with over 10 years of engineering project design and management experience. He holds a Bachelor of Science degree in civil engineering from Bangladesh University of Engineering and Technology and a Masters degree in civil engineering from Kansas State University.

Mr. Uddin's project design and management experience includes Street Improvement Projects, Highway and Bridge Design, Wastewater Collection and Treatment, Water Distribution, Storm Water Management, Land Development, and Construction Management. Recently projects completed under the direct supervision of Mr. Uddin include the following:

- City wide Street Improvement project in Melvern, Kansas
- Main Street (K-31) Drainage (Geometric) Improvements, Melvern, Kansas
- Main Street (K-25) KDOT Geometric Improvement Project in Lakin, Kansas
- Highway 56 Improvements and Wastewater Collection System in Baldwin City, Kansas
- CDBG Street Improvement project for the City of St. Paul, Kansas
- Water Distribution project for the City of Galesburg, Kansas
- Wastewater Collection System Improvements in Lakewood Hills, Ozawkie, Kansas
- Drainage Correction projects in Topeka, Kansas
- Residential Subdivisions in Shawnee County, Kansas
- Bridge Design projects in numerous counties in Kansas
- Numerous Site plan and Grading plan for commercial establishments in and around Topeka

Mr. Uddin is experienced in computer aided drafting using Auto-CAD and Micro-Station. He is also experienced with numerous design and modeling software including Softdesk, HEC-RAS, ARC-INFO, ARC-VIEW; etc.

# Forrest Foland, P.E.

Years with firm - 15

## EDUCATION:

Bachelor of Science, Construction Engineering  
Finlay Engineering College, 1958

## PROFESSIONAL EXPERIENCE:

Mr. Foland is a Registered Professional Engineer in the States of Kansas, Oklahoma, and Missouri with over 45 years of design experience and engineering management. He holds a Bachelor of Science degree in Construction Engineering from Finlay Engineering College.

Prior to joining C.P. Engineers & Land Surveyors, Inc. in April, 1991, he was Chief Engineer for a consulting engineering firm headquartered in Northwest Missouri, specializing in municipal improvement projects including streets, bridges, water treatment storage and distribution, sewer collection systems, and lagoon improvements; storm water drainage, and waste management facilities.

Mr. Foland has completed the design of numerous street improvement projects for cities, counties and the Kansas Department of Transportation. A sample of completed street improvement projects include:

**Kansas Avenue (K-156) KDOT Geometric Improvement Project No. 156-28 K-5887-01, Garden City, Kansas** - Street and drainage improvements to an existing 2500 L.F. section of the east-west thoroughfare between Center Street and College street. The project included removal of existing pavement, widening of existing pavement to construct 5-lane roadway, 17,500 S.Y. of new concrete pavement, 28 curb inlets, storm sewer and concrete curb and gutter. This project was funded by Kansas Department of Transportation and the City of Garden City, Kansas. Final Project Cost - \$1,100,000.00

**Campus Drive Improvements, Garden City, Kansas** - Street widening and drainage improvements to an existing one-mile section between Mary Street and US Highway 83 By-Pass. The work included removal of existing pavements, 17,462 sq. yds. of new asphaltic concrete pavement, 5,048 sq. yds. of new concrete pavement, 3,823 LF of Reinforced concrete storm sewer pipe, 17 curb Inlets and 9,132 L.F. of standard concrete curb and gutter. The project also included ditch excavation and utility relocation /adjustments. Total cost - \$898,000.00.

**Municipal Street Improvement Program, Lakin, Kansas** - Robroyce Avenue, Lincoln Street, Smith Avenue, Hamilton Street and Western Street - Design of 4,213 L.F. of street and 5,283 L.F. of curb and gutter improvements.

# Martin Long, L.S.

Years with firm - 21

## **EDUCATION:**

US Army Survey Specialist

## **MEMBERSHIPS AND REGISTRATIONS:**

Registered Land Surveyor - Kansas No. 1081  
Kansas Society of Land Surveyors

## **PROFESSIONAL EXPERIENCE:**

Mr. Long has over 24 years experience in all phases of land surveying. He has a thorough working knowledge of state-of-the-art surveying equipment and computer operations. He has managed numerous design survey projects including streets and highways, bridges, property surveys, topographical surveys, location of land boundaries and monuments, construction staking, preparation of legal descriptions, plats, easements, right of way descriptions and calculation of land areas.

As Vice-President of Topeka Survey Operations, he oversees the company's GPS survey and data analysis. He has completed over 190 surveys in 98 counties under a survey contract with the Kansas Department of Transportation. The typical assignment for KDOT surveys included: bridge design surveys; road and highway design surveys; guard fence replacement surveys; topography, cross sections and stream bed profiles; photo controls to support mapping; and staking proposed right of way and easements.

## **RECENTLY COMPLETED SURVEY PROJECTS:**

**City of Melvern, Kansas - Main Street Improvement Project, KDOT #31-70 K-8412-01** - Design Survey and Construction Staking for city-wide street improvement project.

**Water Distribution System Replacement - Galesburg, Kansas** - Design Survey for the removal and replacement of the city's existing water mains, water meters and fire hydrants.

**Ritchey Subdivision, Shawnee County, Kansas** - S.W. 45<sup>th</sup> Street and S.W. Hoch Road - Design survey and construction staking.

**Indian Valley Subdivision, Shawnee County, Kansas** - NE 46<sup>th</sup> Street and Kendall Wood - Design survey and construction staking.

**Target Regional Distribution Center, Topeka, Kansas** - Site Development, topographic and boundary survey, coordination with local authorities and utilities, construction staking.

**Topeka Boulevard Bridge** – Mr. Long is currently providing the construction staking services on the Topeka Boulevard over Kansas River bridge replacement project.

# William Trueblood

Years with firm - 3

## 2002 KCA/KDOT "Inspector of the Year"

### CERTIFICATION NUMBER 2791

#### Testing Certifications

Aggregate Field Tester  
Quality Control - Asphalt Specifications  
Quality Assurance - Asphalt Specifications

#### Inspection Certifications

Basic  
Asphalt  
Concrete  
Structures

### PROFESSIONAL EXPERIENCE:

Prior to joining C.P. Engineers & Land Surveyors, Inc. in May 2003, Mr. Trueblood worked for the Kansas Department of Transportation for 40 years as a project supervisor. In 2002, Mr. Trueblood was honored with an "Inspector of the Year" award from KCA/KDOT.

As a lead project inspector for C.P. Engineers & Land Surveyors, Inc., Mr. Trueblood managed the construction inspection on two residential subdivision projects, two Shawnee County bridge projects and a KDOT street improvement design project for the City of Melvern, Kansas.

### RECENTLY COMPLETED PROJECTS:

**Ritchey Subdivision, Shawnee County, Kansas** - S.W. 45<sup>th</sup> Street and S.W. Hoch Road - Field testing and construction administration/inspection.

**Indian Valley II Subdivision, Shawnee County, Kansas** - NE 64<sup>th</sup> Street and Kendall Wood - Field testing and construction administration/inspection

**Highway 56 Improvement Project, Baldwin City, Kansas**- Field testing, construction administration/inspection.

**City of Melvern, Kansas - Main Street Improvement Project, KDOT #31-70 K-8412-01** - Field testing and construction administration/inspection.

**Croco Road over Lynn Creek, Shawnee County, Kansas - 39' - 52' - 39' Reinforced Concrete Haunched Slab Bridge** - Field testing and construction administration/inspection services.

**SE 77<sup>th</sup> Street over Lynn Creek, Shawnee County, Kansas - 39' - 52' - 39' Reinforced Concrete Haunched Slab Bridge** - Shawnee County Project Number 448-23-4300 (60014-01) - Field testing and construction administration/inspection services.

*Jesse A. Noll*

Years with firm - 4

**EDUCATION:**

Kaw Area Technical School - Survey and Computer Drafting  
Kansas State University - Engineering (2 years)

**CERTIFICATION NUMBER 2820**

Inspection Certifications

Basic  
Asphalt  
Concrete  
Structures

Hazmat Certified  
Certified Radiation Safety Officer

**PROFESSIONAL EXPERIENCE:**

Mr. Noll provides assistance in both surveying and engineering departments with computer aided drafting, construction staking and inspection and testing activities on a variety of projects including streets, highways and subdivision development. Mr. Noll's diverse experience in surveying, drafting and construction inspection allows him to be involved with many projects from beginning to completion.

**RECENT PROJECT EXPERIENCE:**

**Main Street Geometric Improvement Project, Lakin, Kansas** - KDOT Project No. 25-47 K-8015-01 - Assisted lead inspector with field testing, construction inspection and computer aided drafting.

**Indian Valley II Subdivision, Shawnee County, Kansas** - NE 64<sup>th</sup> Street and Kendall Wood - Construction staking, computer aided drafting, assisted with field testing and construction inspection.

**Street Improvement Project, Effingham, Kansas** - Construction staking, field testing and construction inspection services.

**Croco Road over Lynn Creek, Shawnee County, Kansas** - 39' - 52' - 39' Reinforced Concrete Haunched Slab Bridge - Shawnee County Project Number 1005-D-4130 (60013-01) - Construction staking, assisted with field testing and construction inspection services.

**Baldwin City USD 348/Highway 56 Improvements, Baldwin City, Kansas** - 60 acre site development for new Upper Elementary School and improvements to Highway 56 entrance. Assisted with design survey, platting and construction staking.