

Municipality County of McHenry	L O C A L A G E N C Y	 Illinois Department of Transportation Preliminary Engineering Services Agreement For Motor Fuel Tax Funds	C O N S U L T A N T	Name Strand Associates, Inc.
Township Seneca				Address 1170 South Houbolt Road
County McHenry				City Joliet
Section 16-00456-00-BR				State Illinois

THIS AGREEMENT is made and entered into this _____ day of _____, _____ between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement of the above SECTION. Motor Fuel Tax Funds, allotted to the LA by the State of Illinois under the general supervision of the State Department of Transportation, hereinafter called the "DEPARTMENT", will be used entirely or in part to finance ENGINEERING services as described under AGREEMENT PROVISIONS.

Section Description

Name Garden Valley Road over the North Branch of the Kishwaukee River

Route CH 43 Length 0.03 Mi. 175.00 FT (Structure No. 056-3028)

Termini Over North Branch of the Kishwaukee River

Description: Structural rehabilitation for Garden Valley Road over the North Branch of the Kishwaukee River.

Agreement Provisions

The Engineer Agrees,

1. To perform or be responsible for the performance of the following engineering services for the LA, in connection with the proposed improvements herein before described, and checked below: **and as clarified in Exhibit A**
 - a. Make such detailed surveys as are necessary for the preparation of detailed roadway **drawings.plans**
 - b. Make stream and flood plain hydraulic surveys and gather high water data, and flood histories for the preparation of detailed bridge **drawings.plans**.
 - c. Make or cause to be made such soil surveys or subsurface investigations including borings and soil profiles and analyses thereof as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations are to be made in accordance with the current requirements of the DEPARTMENT.
 - d. Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement.
 - e. Prepare Army Corps of Engineers Permit, Department of Natural Resources-Office of Water Resources Permit, ~~Bridge waterway sketch, and/or Channel Change sketch, Utility plan and locations, and Railroad Crossing work agreements.~~
 - f. Prepare Preliminary Bridge design and Hydraulic Report, (including economic analysis of bridge or culvert types) and high water effects on roadway overflows and bridge approaches.
 - g. Make complete general and detailed **drawings.plans**, special provisions, proposals and estimates of cost and furnish the LA with five (5) copies of the **drawings.plans**, special provisions, proposals and estimates. Additional copies of any or all documents, if required, shall be furnished to the LA by the ENGINEER at his actual cost for reproduction.
 - h. Furnish the LA with survey and drafts in quadruplicate of all necessary right-of-way dedications, construction easement and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.

Note: Four copies to be submitted to the Regional Engineer

- i. Assist the LA in the tabulation and interpretation of the contractors' proposals
 - j. Prepare the necessary environmental documents in accordance with the procedures adopted by the DEPARTMENT's Bureau of Local Roads & Streets.
 - k. Prepare the Project Development Report when required by the DEPARTMENT.
- (2) That all reports, ~~drawings.plans~~, plats and special provisions to be furnished by the ENGINEER pursuant to the AGREEMENT, will be in accordance with current standard specifications and policies of the DEPARTMENT. It is being understood that all such reports, plats, ~~drawings.plans~~ and drafts shall, before being finally accepted, be subject to approval by the LA and the DEPARTMENT.
- (3) To attend conferences at any reasonable time when requested to do so by representatives of the LA or the **Department in accordance with Exhibit A.**
- (4) In the event ~~drawings.plans~~ or surveys are found to be in error during construction of the SECTION and revisions of the ~~drawings.plans~~ or survey corrections are necessary, the ENGINEER agrees that he will perform such **services work** without expense to the LA, even though final payment has been received by him. He shall give immediate attention to these changes so there will be a minimum delay to the Contractor.
- (5) That basic survey notes and sketches, charts, computations and other data prepared or obtained by the Engineer pursuant to this AGREEMENT will be made available, upon request, to the LA or the DEPARTMENT without cost and without restriction or limitations as to their use **and at their own risk.**
- (6) That all ~~drawings.plans~~ and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by him _____ and will show his professional seal where such is required by law.

The LA Agrees,

1. To pay the ENGINEER as compensation for all services performed as stipulated in exhibit xx and in paragraphs 1a, 1e, 1g, 2, 3, 5 and 6 in accordance with one of the following methods indicated by a check mark:
- a. A sum of money equal to _____ percent of the awarded contract cost of the proposed improvement as approved by the DEPARTMENT.
 - b. A sum of money equal to the percent of the awarded contract cost for the proposed improvement as approved by the DEPARTMENT based on the following schedule:

Schedule for Percentages Based on Awarded Contract Cost

Awarded Cost	Percentage Fees	
Under \$50,000	52,437.34	(see note)
	_____	%
	_____	%
	_____	%
	_____	%
	_____	%

Note: Not necessarily a percentage. Could use per diem, cost-plus or lump sum.

2. To pay for services stipulated in paragraphs 1b, 1c, 1d, 1f, 1h, 1j & 1k of the ENGINEER AGREES at actual cost of performing such **services** 205 percent to cover profit, overhead and readiness to serve - "actual cost" being defined as material cost plus payrolls, insurance, social security and retirement deductions. Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost. Subject to the approval of the LA, the ENGINEER may sublet all or part of the services provided under the paragraph 1b, 1c, 1d, 1e, 1f, 1h, 1j & 1k. If the ENGINEER sublets all or part of these **services work**, the LA will pay the cost to the ENGINEER plus a five (5) percent service charge.
- "Cost to Engineer" to be verified by furnishing the LA and the DEPARTMENT copies of invoices from the party doing the **services work**. The classifications of the employees used in the **services work** should be consistent with the employee classifications for the services performed. If the personnel of the firm, including the Principal Engineer, perform routine services that should normally be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the **services work** performed.

3. That payments due the ENGINEER for services rendered in accordance with this AGREEMENT will be made as soon as practicable after the services have been performed in accordance with the following schedule:
 - a. Upon completion of detailed ~~drawings, plans~~, special provisions, proposals and estimate of cost - being the ~~services work~~ required by paragraphs 1a through 1g under THE ENGINEER AGREES - to the satisfaction of the LA and their approval by the DEPARTMENT, 90 percent of the total fee due under this AGREEMENT based on the approved estimate of cost.
 - b. Upon award of the contract for the improvement by the LA and its approval by the DEPARTMENT, 100 percent of the total fee due under the AGREEMENT based on the awarded contract cost, less any amounts paid under "a" above.

By Mutual agreement, partial payments, not to exceed 90 percent of the amount earned, may be made from time to time as the ~~services work~~ progresses.

4. That, should the improvement be abandoned at any time after the ENGINEER has performed any part of the services provided for in paragraphs 1a, through 1h and prior to the completion of such services, the LA shall reimburse the ENGINEER for his actual costs plus 205 percent incurred up to the time he is notified in writing of such abandonment -"actual cost" being defined as in paragraph 2 of THE LA AGREES.
5. That, should the LA require changes in any of the detailed ~~drawings, plans~~, specifications or estimates except for those required pursuant to paragraph 4 of THE ENGINEER AGREES, after they have been approved by the DEPARTMENT, pay the ENGINEER for such changes on the basis of actual cost plus 205 percent to cover profit, overhead and readiness to serve -"actual cost" being defined as in paragraph 2 of THE LA AGREES. It is understood that "changes" as used in this paragraph shall in no way relieve the ENGINEER of his responsibility to prepare a complete and adequate set of ~~drawings, plans~~ and specifications.

It is Mutually Agreed,

1. That any difference between the ENGINEER and the LA concerning their interpretation of the provisions of this Agreement shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER, one member appointed by the LA and a third member appointed by the two other members for disposition and that the committee's decision shall be final.
2. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at his last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all surveys, permits, agreements, preliminary bridge design & hydraulic report, drawings, specifications, partial and completed estimates and data, if any from traffic studies and soil survey and subsurface investigations with the understanding that all such material becomes the property of the LA. The ENGINEER shall be paid for any services completed and any services partially completed in accordance with Section 4 of THE LA AGREES.
3. That if the contract for construction has not been awarded one year after the acceptance of the ~~drawings, plans~~ by the LA and their approval by the DEPARTMENT, the LA will pay the ENGINEER the balance of the engineering fee due to make 100 percent of the total fees due under this AGREEMENT, based on the estimate of cost as prepared by the ENGINEER and approved by the LA and the DEPARTMENT.
4. That the ENGINEER warrants that he/she has not employed or retained any company or person, other than a bona fide employee working solely for the ENGINEER, to solicit or secure this contract, and that he/she has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the ENGINEER, any fee, commission, percentage, brokerage fee, gifts or any other consideration, contingent upon or resulting from the award or making of this contract. For Breach or violation of this warranty the LA shall have the right to annul this contract without liability.

IN WITNESS WHEREOF, the parties have caused the AGREEMENT to be executed in quadruplicate counterparts, each of which shall be considered as an original by their duly authorized officers.

Executed by the LA:

County of McHenry _____ of the
(Municipality/Township/County)

ATTEST:

State of Illinois, acting by and through its

By _____

Clerk

By _____

(Seal)

Title _____

Executed by the ENGINEER:

ATTEST:

By _____

By _____

Title _____

Title _____

EXHIBIT A

On Page 2, under the “**The LA Agrees**”, **DELETE** Paragraph 1 and replace it with the following:

1. To pay the **ENGINEER** within fifteen (15) days following the **LA**'s approval of **ENGINEER'S** invoices as compensation for all services performed as stipulated in Paragraphs 1a, 1e, 1g, 1i, 2, 3, 5, 6 and as stipulated in Exhibit A under “**The LA Agrees**”, on a Cost Plus Fixed Fee basis according to the Schedule of Compensation contained in Exhibit A of the Agreement for the successful completion of the services. The total compensation shall not exceed \$66,047.82.
2. One page 3, **DELETE** paragraph 3 in its entirety.

On Page 3 under “**It is Mutually Agreed**”

1. **DELETE:** Paragraph 3 in its entirety.
2. **ADD** the following paragraph 5:
 - “5. **ENGINEER** shall not commence performance of any services under this Agreement until the LA has issues a written Notice to Proceed.”

McHenry County - Bridge Rehabilitation

TASK	SAI HOURS	COMMENTS
ADMINISTRATION		
Project Tracking, Invoicing and etc.	24	5% of Total Hours
ADMINISTRATION	24	
Survey and Bridge Assessment		
Topographical Survey	20	2 people @ 10 hours, includes travel time.
Survey Download	8	Includes profile and alignment development.
Assessment of Existing Bridge Condition	20	2 people @ 10 hours, includes travel time.
Survey and Bridge Assessment	48	
Technical Memorandum		
Technical Memorandum Development	40	
Meeting	24	2 Meeting for 2 people @ 6 hours, includes travel time.
Technical Memorandum	64	
Drawings and Specifications		
Cover Sheet	4	
General Notes	4	
Summary of Quantities	8	
Detour Plan	10	
Bridge Approach Pavement Connector Details	8	Includes mix design
Approach Roadway Typical Section	8	
Structure General Plan and Elevation	24	
General Structural Details	24	
Removal Details	20	
Overlay Details	28	
Beam Repair Details	16	
Substructure Repair Details	32	
IDOT and County Standards	4	
Specifications	20	Technical specifications only
Notice to Contractors	8	
Permitting	12	Joint Permit Application
Opinion of Probable Construction Cost	8	
Drawings and Specifications	238	
QA/QC		
QC Review of all Project Deliverables	24	
QA/QC	24	
Bidding Assistance and Construction Services		
Bid Review and Contract Awarding Assistance	4	
Construction Engineering Services	4	
Shop Drawing Review	16	
24		
PROJECT MAN-HOUR TOTAL	422	

STRAND ASSOCIATES, INC.

**PAYROLL ESCALATION TABLE
FIXED RAISES**

FIRM NAME Strand Associates, Inc.
PRIME/SUPPLEMENT Prime

DATE 12/17/15
PTB NO. _____

CONTRACT TERM 5 MONTHS
START DATE 2/1/2016
RAISE DATE 7/1/2016

OVERHEAD RATE 154.76%
COMPLEXITY FACTOR _____
% OF RAISE 3.00%

ESCALATION PER YEAR

2/1/2016 - 6/30/2016

5
5

= 100.00%
= 1.0000

The total escalation for this project would be: 0.00%

AVERAGE HOURLY PROJECT RATES

FIRM Strand Associates, Inc.
 PSB _____
 PRIME/SUPPLEMENT Prime

DATE 12/17/15

SHEET 1 OF 5

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			Administration			Survey and Bridge Asses			Technical Memorandum			Drawings and Specificatio			QA/QC		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal	70.00	14	3.32%	2.32	4	16.67%	11.67				2	3.13%	2.19	2	0.84%	0.59	4	16.67%	11.67
Project Manager	57.81	54	12.80%	7.40	14	58.33%	33.72	2	4.17%	2.41	4	6.25%	3.61	12	5.04%	2.91	20	83.33%	48.18
Strucutral Engineer	55.77	216	51.18%	28.55				20	41.67%	23.24	44	68.75%	38.34	132	55.46%	30.93			
Project Engineer	34.04	70	16.59%	5.65				18	37.50%	12.77	10	15.63%	5.32	42	17.65%	6.01			
Technician	30.61	58	13.74%	4.21				8	16.67%	5.10				50	21.01%	6.43			
Clerical	28.23	10	2.37%	0.67	6	25.00%	7.06				4	6.25%	1.76						
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TOTALS		422	100%	\$48.79	24	100.00%	\$52.45	48	100%	\$43.51	64	100%	\$51.23	238	100%	\$46.87	24	100%	\$59.84

McHenry County DOT
 Garden Valley Road
 Section 16-00456-00-BR

POSTAGE	Description	Rate	Total		Comments
			In House	Out House	
Administration				\$35.00	5 Invoices at \$7 each
Survey and Bridge Assessment					
Technical Memorandum				\$7.00	1 Submittal at \$7 Each
Drawings and Specifications				\$75.00	3 Submittals at \$25 Each
QA/QC					
Bidding Assistance and Construction Services				\$50.00	2 Submittals at \$25 Each
SUBTOTAL				\$167.00	

XEROX	Description	# of Copies	Rate	Total		Comments
				In House	Out House	
Administration		50	\$0.15	\$7.50		
Survey and Bridge Assessment		50	\$0.15	\$7.50		
Technical Memorandum		100	\$0.15	\$15.00		
Drawings and Specifications		200	\$0.15	\$30.00		
QA/QC		50	\$0.15	\$7.50		
Bidding Assistance and Construction Services		100	\$0.15	\$15.00		
SUBTOTAL		550		\$82.50		

PRINTS / COPIES (11 X 17)	Description	# of Copies	Rate	Total		Comments
				In House	Out House	
Administration		0	\$0.15	\$0.00		
Survey and Bridge Assessment		25	\$0.15	\$3.75		
Technical Memorandum		50	\$0.15	\$7.50		
Drawings and Specifications		100	\$0.15	\$15.00		
QA/QC		75	\$0.15	\$11.25		
Bidding Assistance and Construction Services		50	\$0.15	\$7.50		
SUBTOTAL		300		\$45.00		

CADD/ COMPUTER	Description	# of Hours	Rate	Total		Comments
				In House	Out House	
Administration		0	\$15.00	\$0.00		
Survey and Bridge Assessment		12	\$15.00	\$180.00		
Technical Memorandum		20	\$15.00	\$300.00		
Drawings and Specifications		145	\$15.00	\$2,175.00		
QA/QC		5	\$15.00	\$75.00		
Bidding Assistance and Construction Services		2	\$15.00	\$30.00		
SUBTOTAL		184		\$2,760.00		

WORD PROCESSING	Description	# of Hours	Rate	Total		Comments
				In House	Out House	
Administration		20	\$16.00	\$320.00		
Survey and Bridge Assessment		4	\$16.00	\$64.00		
Technical Memorandum		35	\$16.00	\$560.00		
Drawings and Specifications		45	\$16.00	\$720.00		
QA/QC		12	\$16.00	\$192.00		
Bidding Assistance and Construction Services		16	\$16.00	\$256.00		
SUBTOTAL		132		\$2,112.00		

XEROX 2 (Color Copier)		Description	# of Copies	Rate	Total In House	Total Out House	Comments
Administration				\$1.00	\$0.00		
Survey and Bridge Assessment				\$1.00	\$0.00		
Technical Memorandum			50	\$1.00	\$50.00		
Drawings and Specifications			50	\$1.00	\$50.00		
QA/QC			25	\$1.00	\$25.00		
Bidding Assistance and Construction Services			10	\$1.00	\$10.00		
SUBTOTAL			135		\$135.00		

Telephone		Description	# of Minutes	Rate	Total In House	Total Out House	Comments
Administration			30	\$0.500		\$15.00	
Survey and Bridge Assessment				\$0.500		\$0.00	
Technical Memorandum			30	\$0.500		\$15.00	
Drawings and Specifications			30	\$0.500		\$15.00	
QA/QC				\$0.500		\$0.00	
Bidding Assistance and Construction Services			30	\$0.500		\$15.00	
SUBTOTAL			120			\$60.00	

MISC. EQ.		Description	#	Rate	Total In House	Total Out House	Comments
Administration			1	\$250.00	\$250.00		Survey Equipment
Survey and Bridge Assessment							
Technical Memorandum							
Drawings and Specifications							
QA/QC							
Bidding Assistance and Construction Services							
SUBTOTAL					\$250.00		

MILEAGE		Description	# of Miles	Rate	Total In House	Total Out House	Comments
		V=vehicle, T=trips, M=miles (one way)					
Administration				\$0.54		\$0.00	
Survey and Bridge Assessment		(2*2*85)=340	340	\$0.54		\$183.60	2 Vehicles
Technical Memorandum		(1*4*85)=170	340	\$0.54		\$183.60	2 Meeting
Drawings and Specifications				\$0.54		\$0.00	
QA/QC				\$0.54		\$0.00	
Bidding Assistance and Construction Services							
SUBTOTAL			680	\$0.54		\$367.20	

SUMMARY		Description	# of Sheets	Rate	Total In House	Total Out House	Comments
Administration					\$327.50	\$50.00	\$377.50
Survey and Bridge Assessment					\$505.25	\$183.60	\$688.85
Technical Memorandum					\$932.50	\$205.60	\$1,138.10
Drawings and Specifications					\$2,990.00	\$90.00	\$3,080.00
QA/QC					\$310.75	\$0.00	\$310.75
Bidding Assistance and Construction Services					\$318.50	\$65.00	\$383.50
TOTAL					\$5,384.50	\$594.20	\$5,978.70

Scope of Services

Route: Garden Valley Road
Location: 0.5 Mile East of Millstream Road
County: McHenry
Section: 16-00456-00-BR
Owner: McHenry County Division of Transportation (LA)
Consultant: Strand Associates, Inc. (CONSULTANT)

Project Understanding

The Scope of Services includes the structural rehabilitation of Garden Valley Road over the North Branch of the Kishwaukee River (SN 056-3028). The existing structure was built in 1965 and consists of three spans of precast prestressed concrete deck beams with an asphaltic overlay supported on reinforced concrete stub abutments and pile bent piers. Improvements are anticipated to include a bridge deck overlay, superstructure rehabilitation, and concrete substructure improvements. It is anticipated that all improvements can be constructed within existing LA right-of-way.

1.0 TASK ITEM SUMMARY

1.01 Administration/Project Management

- A. Prepare monthly progress reports and invoices.
- B. Provide personnel planning, scheduling, and budget monitoring.
- C. Conduct internal project team meetings.

1.02 Survey and Bridge Assessment

- A. Perform a topographic survey that includes 500 feet of roadway at each end of the bridge. A local benchmark and local control points will be used. A hydraulic survey is not included in the Scope of Services.
- B. Use DEPARTMENT point codes for the survey and download into Microstation. A profile and alignment will be developed based on the survey.
- C. Conduct a bridge condition assessment to identify existing deficiencies of the superstructure and substructure.

1.03 Technical Memorandum

- A. Develop a Technical Memorandum that summarizes the existing deficiencies and suggested repairs.

- B. Develop a preliminary opinion of probable construction cost for the suggested improvements.
- C. Develop a preliminary detour concept plan.
- D. Meet with the LA to discuss the Technical Memorandum and determine the final scope of improvements that will be included in the drawings and specifications.

1.04 Drawings and Specifications

- A. Develop drawings and specifications for the proposed improvements as outlined in the Technical Memorandum. A preliminary list of drawings includes the following:
 - 1. Cover Sheet
 - 2. General Notes
 - 3. Summary of Quantities
 - 4. Suggested Detour Plan
 - 5. Bridge Approach Pavement Connector Details
 - 6. General Plan and Elevation
 - 7. General Structural Details
 - 8. Removal Details
 - 9. Overlay Details
 - 10. Beam Repair Details
 - 11. Substructure Repair Details
 - 12. DEPARTMENT and County Standards

Substructure repairs are limited to concrete rehabilitation. Repairs to the existing steel piles are not included in this Scope of Services.

- B. Develop Technical Specifications for the proposed improvements. DEPARTMENT's Standard Specifications for Road and Bridge Construction, DEPARTMENT's Bureau of Design and Environment Special Provisions, DEPARTMENT's Guide Bridge Special Provisions, DEPARTMENT's Bureau of Local Roads Special Provisions and DEPARTMENT's District One Special Provisions will be used along with any LA-specific special provisions. The DEPARTMENT's contract (front-end) specifications will be used.
- C. CONSULTANT will develop a Notice to Contractors that will be distributed by the LA.
- D. Create and submit a Joint Permit Application to the United States Army Corps of Engineers, Illinois Department of Natural Resources, and Illinois Environmental Protection Agency for riprap installation. It is anticipated that the proposed improvements will be considered general maintenance and further permitting correspondence will not be necessary.
- E. Develop an opinion of probable construction cost and estimate of time for the proposed improvements.

- F. Submit preliminary in-progress drawings and specifications to the LA for review.
- G. Submit prefinal drawings and specifications to the LA for review.
- H. Address LA comments as necessary and submit final drawings and specifications to LA.

1.05 Quality Assurance and Quality Control (QA/QC)

- A. Complete a QA/QC review of each deliverable in accordance with the CONSULTANT's QA/QC plan.

1.06 Bidding Assistance and Construction Engineering Services

- A. Review contractor bids and assist LA in awarding of the contract.
- B. Assist LA in responding to contractor's requests for information.
- C. Complete shop drawing review, as applicable.

2.0 ITEMS TO BE FURNISHED BY THE LA

- A. As-built construction drawings and previous inspection reports.
- B. LA-specific special provisions and general notes, as applicable.

3.0 ITEMS TO BE COMPLETED AND DELIVERABLES TO BE PREPARED BY CONSULTANT

- A. Two copies of the Technical Memorandum to the LA. An Electronic copy of the Technical Memorandum will be submitted as Word and a portable document format (pdf) files.
- B. Two copies of the prefinal drawings and specifications. Electronic files will included as part of this submittal.
- C. Two copies of the final drawings, specifications, opinion of probable construction cost, and estimate of time. Electronic files will be included as part of this submittal.
- D. Electronic submittals with the prefinal and final submittals will include:
 - a) Microstation files of the drawings.
 - b) Word and/or Excel files of the specifications, opinion of probable construction cost, and estimate of time.
 - c. PDF files of all documents submitted. The pdf file for the drawings will be full-sized.

4.0 ITEMS NOT INCLUDED IN THE SCOPE OF SERVICES

- A. Bridge parapet and approach roadway guardrail improvements.
- B. Adjacent roadway improvements.
- C. Wetland delineation and hydraulic analysis.
- D. Environment Survey Request and Special Waste Survey.
- E. Right-of-way or temporary easement determination and/or acquisition.
- F. On-site construction engineering services.

Hourly Rates

Route: Garden Valley Road
Location: 0.5 Miles East of Millstream Road
County: McHenry
Section: 16-00456-00-BR
Owner: McHenry County Division of Transportation (LA)
Consultant: Strand Associates, Inc. (CONSULTANT)

Classification	SAI Hourly Rate Range		
Principal	\$59.35	to	\$138.46
Project Manager	\$44.45	to	\$70.76
Structural Engineer	\$52.30	to	\$60.55
Project Engineer	\$26.83	to	\$56.51
Technician	\$15.00	to	\$57.12
Clerical	\$17.50	to	\$62.88

Schedule

Route: Garden Valley Road
Location: 0.5 Miles East of Millstream Road
County: McHenry
Section: 16-00456-00-BR
Owner: McHenry County Division of Transportation (LA)
Consultant: Strand Associates, Inc.

Task	Completion Date	2016														
		JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC			
Notice to Proceed	February 1, 2016															
Survey	February 29, 2016															
Bridge Assessment	February 29, 2016															
Technical Memorandum	March 15, 2016															
Meeting with DEPARTMENT	March 31, 2015															
Prefinal Drawings	April 25, 2016															
LA Review	May 13, 2016					R	R									
Final Drawings	May 27, 2016															
Construction	July, 2016															

R- LA Review
 Updated: 11/16/15