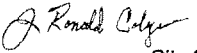


FEB 07 2011


City Clerk

ORDINANCE NO. 2841

AN ORDINANCE TO EMPLOY OATES ASSOCIATES, INC. OF COLLINSVILLE, ILLINOIS TO RENDER PROFESSIONAL SERVICES TO THE CITY OF COLUMBIA, ILLINOIS IN CONNECTION WITH PRELIMINARY AND CONSTRUCTION ENGINEERING SERVICES FOR THE CHERRY STREET RECONSTRUCTION PHASE 2 PROJECT.

WHEREAS, the City Council of the City has found and determined and does hereby declare that it is necessary and appropriate that the City employ Oates Associates, Inc. to provide professional services to the City for preliminary and construction engineering services of the reconstruction of Cherry Street from South Main Street to Liberty Street;

NOW, THEREFORE, BE IT ORDAINED, by the City Council of the City of Columbia, Illinois, as follows:

Section 1. The recitals contained above in the preamble of this Ordinance are hereby incorporated herein by reference, the same as if set forth in this Section of this Ordinance verbatim, as findings of the City Council of the City of Columbia, Illinois.

Section 2. The City Council of the city does hereby authorize the employment of Oates Associates, Inc. to provide the professional services to the City for preliminary and construction engineering with regard to the City's Cherry Street Reconstruction Phase 2 Project. The Mayor is hereby authorized and directed to execute and deliver to Oates Associates, Inc., for and on behalf of the City, the "Preliminary/Construction Engineering Services Agreement for Motor Fuel Tax Funds" between the City of Columbia, Illinois and Oates Associates, Inc. for a lump sum not to exceed One Hundred Seventeen Thousand Seven Hundred Twenty Two Dollars and Fifty Five Cents (\$117,722.55) in the form attached hereto, which is hereby approved as to form, in as many counterparts as the Mayor shall determine and the City Clerk is hereby authorized and directed to attest the same and to affix thereto the corporate seal of the City.

Section 3. This ordinance shall be in full force and effect from and after its passage, as provided by law.

Alderman Ebersohl moved the adoption of the above and foregoing Ordinance; the motion was seconded by Alderman Oberkfell, and the roll call vote was as follows:

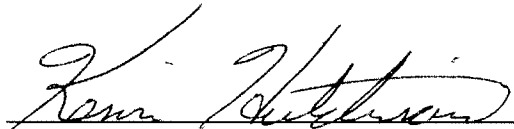
YEAS: Aldermen Ebersohl, Agne, Niemietz, Row, Hejna, Oberkfell, Stumpf and
Roessler.

NAYS: None.

ABSENT: None.

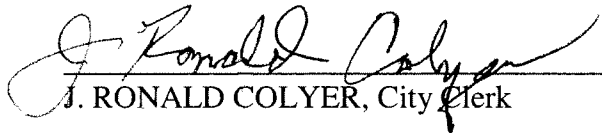
ABSTENTIONS: None.

PASSED by the City Council and APPROVED by the Mayor this 7th day of February,
2011.



KEVIN B. HUTCHINSON, Mayor

ATTEST:



J. RONALD COLYER, City Clerk

(SEAL)

STATE OF ILLINOIS)
) SS
COUNTY OF MONROE)

CERTIFICATE OF TRUE COPY

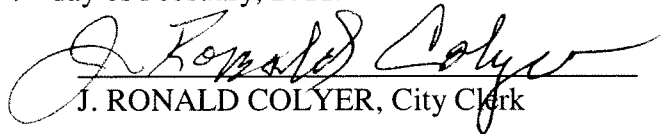
I, J. Ronald Colyer, hereby certify that I am the duly elected and acting City Clerk of the City of Columbia, Illinois and as such I am the keeper of the books, records, files and corporate seal of said City.

I do further certify that Ordinance No. 2841, entitled:

“AN ORDINANCE TO EMPLOY OATES ASSOCIATES, INC. OF COLLINSVILLE, ILLINOIS TO RENDER PROFESSIONAL SERVICES TO THE CITY OF COLUMBIA, ILLINOIS IN CONNECTION WITH PRELIMINARY AND CONSTRUCTION ENGINEERING SERVICES FOR THE CHERRY STREET RECONSTRUCTION PHASE 2 PROJECT.”

to which this certificate is attached, is a true, perfect, complete and correct copy of said ordinance as adopted at a regular meeting of the Columbia, Illinois City Council held on the 7th day of February, 2011.

IN WITNESS WHEREOF, I have made and delivered this certificate for the uses and purposes hereinabove set forth this 7th day of February, 2011.


J. RONALD COLYER, City Clerk

(SEAL)

Municipality City of Columbia	LOCAL AGENCY	 Illinois Department of Transportation Preliminary/Construction Engineering Services Agreement For Motor Fuel Tax Funds	CONSULTANT	Name Oates Associates, Inc.
Township				Address 100 Lanter Court, Suite 1
County Monroe				City Collinsville
Section				State IL

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 Cherry Street – Ph. 2 Rou FAU 9308 Length _____ KM(0.18 Miles)(Structure No. _____)

Termini S. Main Street to Liberty Street

Description

Survey, prepare plans, specifications, and estimates in connection with the Cherry Street Reconstruction – Phase 2 improvements. We will also provide temporary construction easement exhibits, negotiate the parcels, and provide waiver appraisals. Lastly, we will provide construction stakeout during construction operations.

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 improvement herein before described, and checked below:
 - a. ☒ Make such detailed surveys as are necessary for the preparation of detailed roadway plans.
 - b. ☐ Make stream and flood plain hydraulic surveys and gather high water data and flood histories for the preparation of detailed bridge 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, Division 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.

Note Four copies to be submitted to the Regional Engineer

- g. ☒ Make complete general and detailed plans, special provisions, proposals and estimates of cost and furnish the LA with five (5) copies of the 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 easements and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.
- i. ☐ Assist the LA in the receipt and evaluation of proposals and the awarding of the construction contract.
- j. ☐ Furnish or cause to be furnished:
 - (1) Proportioning and testing of concrete mixtures in accordance with the "Manual of Instructions for Concrete Proportioning and Testing" issued by the Bureau of Materials and Physical Research, of the DEPARTMENT and promptly submit reports on forms prepared by said Bureau.
 - (2) Proportioning and testing of bituminous mixtures (including extracting test) in accordance with the "Manual of Instructions for Bituminous Proportioning and Testing" issued by the Bureau of Materials and Physical Research, of the DEPARTMENT, and promptly submit reports on forms prepared by said Bureau.
 - (3) All compaction tests as required by the specifications and report promptly the same on forms prepared by the Bureau of Materials and Physical Research.
 - (4) Quality and sieve analyses on local aggregates to see that they comply with the specifications contained in the contract.
 - (5) Inspection of all materials when inspection is not provided at the sources by the Bureau of Materials and Physical Research, of the DEPARTMENT and submit inspection reports to the LA and the DEPARTMENT in accordance with the policies of the said DEPARTMENT.
- k. ☒ Furnish or cause to be furnished
 - (1) ~~A resident engineer, inspectors and other technical personnel to perform the following work: (The number of such inspectors and other technical personnel required shall be subject to the approval of the LA.)~~
 - a. ~~Continuous observation of the work and the contractor's operations for compliance with the plans and specifications as construction proceeds, but the ENGINEER does not guarantee the performance of the contract by the contractor.~~
 - b. Establishment and setting of lines and grades.
 - c. ~~Maintain a daily record of the contractor's activities throughout construction including sufficient information to permit verification of the nature and cost of changes in plans and authorized extra work.~~
 - d. ~~Supervision of inspectors, proportioning engineers and other technical personnel and the taking and submitting of material samples.~~
 - e. ~~Revision of contract drawings to reflect as built conditions.~~
 - f. ~~Preparation and submission to the LA in the required form and number of copies, all partial and final payment estimates, change orders, records and reports required by the LA and the DEPARTMENT.~~
 - 2. That all reports, plans, plats and special provisions to be furnished by the ENGINEER pursuant to this agreement will be in accordance with the current standard specifications and policies of the DEPARTMENT, it being understood that all such reports, plats, plans and drafts shall before being finally accepted, be subject to approval by the LA and the said DEPARTMENT.
 - 3. To attend conferences at any reasonable time when requested to do so by the LA or representatives of the DEPARTMENT.
 - 4. In the event plans, surveys or construction staking are found to be in error during the construction of the SECTION and revisions of the plans or survey or construction staking corrections are necessary, the ENGINEER agrees that he will perform such 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. The 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.
 - 6. To make such changes in working plans, including all necessary preliminary surveys and investigations, as may be required after the award of the construction contract and during the construction of the improvement.
 - 7. That all plans and other documents furnished by the ENGINEER pursuant to the AGREEMENT will be endorsed by him and will show his professional seal where such is required by law.

8. To submit, upon request by the LA or the DEPARTMENT a list of the personnel and the equipment he/she proposes to use in fulfilling the requirements of this AGREEMENT.

The LA Agrees,

1. To pay the Engineer as compensation for all services performed as stipulated in paragraphs 1a, 1g, 1i, 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 percentage 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	_____ (see note)

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

- c. ☒ To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas:

- ☒ CPFF = $DL + DL(OH) + 14.5\%[DL + R(DL) + OH(DL) + IHDC]$,
☐ CPFF = $14.5\%[DL + R(DL) + 1.4(DL) + IHDC]$, or
☐ CPFF = $14.5\%[(2.3 + R)DL + IHDC]$

Where: DL = Direct Labor
IHDC = In House Direct Costs
OH = Consultant Firm's Actual Overhead Factor
R = Complexity Factor

2. To pay for services stipulated in paragraphs 1a, 1b, 1c, 1d, 1e, 1f, 1g, 1h, 1j & 1k of the ENGINEER AGREES at actual cost of performing such work plus _____ 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 this 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 work. The classifications of the employees used in the 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 work performed.
3. That payments due the ENGINEER for services rendered pursuant to 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 plans, special provisions, proposals and estimate of cost - being the work required by paragraphs 1a through 1g under THE ENGINEER AGREES - to the satisfaction of the LA and their approval by the DEPARTMENT, 90 100 percent of the total fee based on the above fee schedule and 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 (excluding any fees paragraphs 1j and 1k of the ENGINEER AGREES), based on the above fee schedule and the awarded contract cost, less any previous payment.
- c. Upon completion of the construction of the improvement, 90 100 percent of the fee due for services stipulated in paragraphs 1j and 1k.
- d. Upon completion of all final reports required by the LA and the DEPARTMENT and acceptance of the improvement by the DEPARTMENT, 100 percent of the total fees due under this AGREEMENT, less any amounts previously paid.

By mutual agreement, partial payments, not to exceed 90 100 percent of the amount earned, may be made from time to time as the work progresses.

4. That should the improvements be abandoned at any time after the ENGINEER has performed any part of the services provided for in paragraphs 1a and 1g, and prior to the completion of such services the LA shall reimburse the ENGINEER for his actual costs plus _____ percent incurred up to the time he is notified in writing of such abandonment "actual cost" being defined as material costs plus actual payrolls, insurance, social security and retirement deductions. Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost.
5. That should the LA require changes in any of the detailed plans, specifications or estimates (except for those required pursuant to paragraph 4 of THE ENGINEER AGREES) after they have been approved by the DEPARTMENT, the LA will pay the ENGINEER for such changes on the basis of actual cost plus _____ percent to cover profit, overhead and readiness to serve - "actual cost" being defined as in paragraph 4 above. 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 plans.
6. That should the LA extend completion of the improvement beyond the time limit given in the contract, the LA will pay the ENGINEER, in addition to the fees provided herein, his actual cost incurred beyond such time limit - "actual cost" being defined as in paragraph 4 above.

It is Mutually Agreed,

1. That any difference between the ENGINEER and the LA concerning the 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 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 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 the 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 this AGREEMENT to be executed in quadruplicate counterparts, each of which shall be considered as an original by their duly authorized offices.

Executed by the LA:

City of Columbia of the
(Municipality/Township/County)

ATTEST:

State of Illinois, acting by and through its

By _____

Clerk

(Seal)

By _____

Title:

Executed by the ENGINEER:

Oates Associates, Inc.

100 Lanter Court, Suite 1

Collinsville, IL 62234

ATTEST:

By Alan J. Goepfert

Alan J. Goepfert

Title: Principal

Bruce P. Schopp

Bruce P. Schopp

Title: President, COO

Approved

Date

Department of Transportation

Regional Engineer

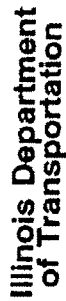
EXHIBIT D

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO.: 28012
 CITY: Columbia

Date: 01/26/11

TASK	PRIN.	SR. PROF. II	SR. PROF. I	PROF. III	JR. PROF.	TECH. II	TECH. I	TOTAL
SUMMARY OF PERSONHOURS								
1.0 FIELD SURVEYS		6			36	32	32	111
2.0 INTERSECTION DESIGN STUDIES								
3.0 PROJECT DEVELOPMENT REPORT		5		33	120			158
4.0 HYDRAULIC DATA & REPORT								
5.0 DRAINAGE			4	10	52			66
6.0 UTILITY AND RAILROAD AGREEMENTS				7	28			35
7.0 SOILS ANALYSIS AND REPORT								
8.0 STRUCTURE RPTS/ TS & L DRAWINGS								
9.0 STRUCTURE PLANS								
10.0 PRELIMINARY ROAD DESIGN		3		37	144	6		190
11.0 FINAL PLANS/ DOCUMENTS		8		39	216	30		293
12.0 RIGHT OF WAY	40	22		4	80	16	16	178
13.0 CONSTRUCTION PHASE SERVICES		5		20	30	44	44	143
14.0 ADMINISTRATION/ MANAGEMENT		2		24	2			28
15.0 QA/QC								
TOTAL	40	51	4	179	708	128	92	1,202
								crosscheck 1,202



**COST ESTIMATE OF
CONSULTANT
SERVICES**

(Cost Plus Fixed Fee)

Firm	OATES ASSOCIATES, INC.
Route	FAU 9308
Project	Cherry Street Reconstruction - Phase 2
County	Monroe
Job No.	28012
City	Columbia

DATE: _____

01/27/11

Overhead Rate:

151.20%

Complexity Factor:

0.000

Printed 1/27/2011, 7:42 AM

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO.: 28012
 CITY: Columbia

DATE: 01/28/11

TASK	PRIN.	SR. PROF. II	SR. PROF. I	PROF. III	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
1.0 FIELD SURVEYS									Cherry Street from Main to Liberty plus 100' down Main, Meltzer, and Liberty
1.1 establish horizontal control		6		5	36	32	32	111	
1.1.1 research control location, coordinates, closure route		2			4	4	4	14	
1.1.2 set control point monuments in field		1			2		2	3	
1.1.3 set control point coordinates/ GPS						2	2	4	
1.1.4 traverse between control points in field									included in 1.1.2
1.1.5 office calculations/ closure & coordinates		1			2	2	2	4	
1.2 establish vertical control		2			4	4	4	14	
1.2.1 research control location, elevations, closure route		1			2		2	3	
1.2.2 set benchmark monuments in field					2	2	2	4	
1.2.3 set benchmark elevations/ GPS									
1.2.4 elevation loop between benchmarks in field						2	2	4	
1.2.5 office calculations/ closure & elevations		1			2			3	
1.3 establish existing topography		1		1	4	24	24	54	
1.3.1 locate existing utilities									included in 1.3.2
1.3.2 topographic/cross section		1		1	4	24	24	54	
1.3.3 surveys for hydraulic/drainage studies									N/A. Not included.
1.4 process survey data for CADD		1		4	24			29	
1.4.1 draw existing topo					16			16	draw and field check
1.4.2 create & process TIN									included in 1.4.2
1.4.3 field review and edit		1		4	8			13	included in 1.4.2
1.4.4 base sheet plot									N/A
1.5 establish proposed improvement location									
1.5.1 set proposed centerline control points & ties									Not included
1.5.2 staking for soil surveys									Not included
1.5.3 stake centerline for field check									Not included
2.0 INTERSECTION DESIGN STUDIES									Not required.

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO.: 28012
 CITY: Columbia

DATE: 01/28/11

TASK	PRIN.	SR. PROF. II	SR. PROF. I	PROF. III	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
3.0 PROJECT DEVELOPMENT REPORT		5		33	120			158	
3.1 forms/submittals		1		4	16			21	N/A. Already programmed at EW Gateway.
3.1.1 TIP sheet									N/A. Not included.
3.1.2 project notification & review									Not anticipated or included.
3.1.3 environmental class of action determination (ECAD)				2	8			10	Upload project on IDOT FTP site for review.
3.1.4 environmental survey request (project studies)				2	8			11	Review special waste procedures, EPA records, and request PESA from IDOT.
3.1.5 environmental survey request (special waste)		1		2	8				N/A. Not included.
3.1.6 bridges and structures NRHP status request									
3.2 meetings		1		10	16			27	Assume one meeting with IDOT/ FHWA to discuss project (includes minutes).
3.2.1 bi-monthly coordination meetings				4	4			8	Public Information Meeting. Includes time to prepare and coordinate advertisement. Draft invitation letters.
3.2.2 informational meeting		1		6	12			19	Not anticipated or included.
3.2.3 public hearing									
3.3 report/ tables					3			3	
3.3.1 cover sheet					1			1	
3.3.2 table of contents					1			1	
3.3.3 index of exhibits					1			1	
3.4 report/ analysis and text by section					25			32	
3.4.1 location & existing conditions				7	2			3	Describe lanes, alignment, parking, etc.
3.4.2 purpose of project				1	2			3	Discuss the need for the project.
3.4.3 proposed improvements/ criteria					2			2	
3.4.4 accident analysis				2	6			8	Request crash data and evaluate vs. critical crash rates. Collision diagrams included in 3.5.11.
3.4.5 right-of-way					2			2	List TOEs in table.
3.4.6 prime farmland									N/A. Not included.
3.4.7 floodplain encroachment									N/A. Not included.
3.4.8 "404" permit									N/A. Not included.
3.4.9 environmental survey									Evaluate whether the project disturbs more than 1 acre of land. Discuss PESA results.
3.4.10 section 4(f) lands				1	4			5	N/A. Not included.
3.4.11 air quality					1			1	Include Legacy 2035 statement. COSIM not required.
3.4.12 noise					1			1	Describe minimal changes to roadway.
3.4.13 maintenance of traffic					2			3	Include staging, entrance, and access notes.
3.4.14 public involvement				1	2			3	Describe tone of public meeting.
3.4.15 coordination					1			1	Discuss bi-monthly coordination meeting.

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO.: 28012
 CITY: Columbia

DATE: 01/28/11

TASK	PRIN.	SR. PROF. II	SR. PROF. I	PROF. III	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
3.5 report/exhibits		1		4	40			45	
3.5.1 location map					2			2	
3.5.2 vicinity map					2			2	2 Include functional class map and ADT map.
3.5.3 existing & proposed typical sections				1	6			7	4 Four existing sections and 2 proposed at 1-hr each.
3.5.4 aerial photographs									
3.5.5 ground level photographs					2			2	2 Include photos on exhibits including captions.
3.5.6 proposed alignment				1	4			5	5 Insert plan and profile sheet without specific callouts.
3.5.7 intersection design study									N/A. Not included.
3.5.8 structure type, size & location plans (TS & L)									N/A. Not included.
3.5.9 project cost estimate		1		2	6			9	9 Prepare, check, and insert cost estimate.
3.5.10 encroachments					4			4	4 Prepare table for TCEs
3.5.11 accident data, summary and spot maps					4			4	4 Prepare collision diagrams
3.5.12 biological resources sign-off					1			1	1 Insert sign-off
3.5.13 cultural resources sign-off					1			1	1 Insert sign-off
3.5.14 IDNR sign-off					1			1	1 Insert sign-off
3.5.15 SIMPAC sign-off					1			1	1 Insert sign-off
3.5.16 IL State Clearinghouse sign-off									N/A. Not included.
3.5.17 EWGCC sign-off									N/A. Not included.
3.5.18 public notices & news articles					2			2	2 Gather and insert certified newspaper notices.
3.5.19 public informational meeting notice letters					1			1	1 Copy and insert letters.
3.5.20 public informational meeting attendance sheet					1			1	1 Copy and insert attendance sheet.
3.5.21 sign-off on public informational meeting					2			2	2 Copy and insert comments.
3.5.22 coordination meeting minutes & memoranda					1			1	1 Attach bi-monthly coordination minutes
3.6 correspondence									
3.7 submittals		2		8	20			30	
3.7.1 print and submit draft for IDOT / FHWA review		2		4	8			14	14 QA/QC draft report.
3.7.2 respond to review comments				2	8			10	10 Review and modify PDR to address IDOT comments.
3.7.3 final print and submit				2	4			6	6 QA/QC final report.
4.0 HYDRAULIC DATA & REPORT									Not required.
5.0 DRAINAGE			4	10	52			66	
5.1 storm sewer design			4	10	52			66	Estimate two separate watersheds.
5.1.1 storm sewer schematic layout			1	2	8			11	11 Field check, estimate drainage areas, and develop design plan.
5.1.2 drainage area computations			1	2	8			11	4 hrs/ watershed for rational method comps.
5.1.3 inlet computations / type, size and layout			1	3	16			20	8 hrs/ watershed to develop inlet spacing/locations.
5.1.4 storm sewer computations / type and size			1	2	16			19	8 hrs/ watershed to evaluate hydraulic grade lines and evaluate pipe sizes.
5.1.5 final storm sewer layout				1	4			5	5 Label storm sewer plans on DWGs.
5.2 culvert design									N/A. Not included.
5.3 ditch design									N/A. Not included.

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO.: 28012
 CITY: Columbia

DATE: 01/28/11

TASK	PRIN.	SR. PROF. II	SR. PROF. I	PROF. III	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
8.0 UTILITY AND RAILROAD AGREEMENTS									
8.1 Utilities				7	28			35	
6.1.1 JULIE request for survey				7	28			35	Included in 1.3.2
6.1.2 coordination prints to utilities									Submit plans and letters at three phases during the project: preliminary design, pre-final design, and final design. (4-hrs/ea phase)
6.1.3 coordination meetings with utilities				3	12			15	
6.1.4 review utility relocation adjustment plans (by utility)				2	8			10	Meet with Ameren and HTC (4-hrs/ ea)
6.1.5 coordinate relocation plans (by OA) [see 11.8]				2	8			10	Pothole water and input depth in DWG
6.1.6 utility agreements									N/A. Not included.
6.2 Railroads									N/A. Not included.
7.0 SOILS ANALYSIS AND REPORT									N/A. Not included.
8.0 STRUCTURE RPTS/ TS & L DRAWINGS									Not required.
9.0 STRUCTURE PLANS									Not required.
10.0 PRELIMINARY ROAD DESIGN									Not required.
10.1 data collection criteria		3		37	144	6		190	850-ft long Section from Main Street to Liberty. Two Plan & Profile Sheets.
10.1.1 develop design criteria [see 2.1 & 3.4]		1		6	28			33	
10.1.2 develop existing & proposed typical sections [see 3.5]				2	8			10	Review BLR Manual
10.1.3 develop plan base sheet [see 1.4]		1		4	18			23	Six typicals at 3 hrs/ ea
10.1.4 develop existing cross-section elevations									N/A. Not included.
10.2 horizontal alignment									Included in 10.6
10.2.1 set centerline location		1		5	18			24	
10.2.2 lay out pavement/ shoulders/ medians		1		2	8			11	One-day per 1,000-ft
10.2.3 review intersection/ interchange geometrics [see 2.2]									N/A. Urban design.
10.2.4 lay out entrances/ access roads				2	6			8	Three intersections at 2-hrs/ ea
10.2.5 review right-of-way requirements				1	4			5	Eight drives at 0.5-hr/ ea
10.2.6 review utility conflicts									Ongoing during design. See task 12.
10.3 vertical alignment									Ongoing during design. See task 6.
10.3.1 set centerline profile		1		10	36			47	
10.3.2 review intersection/ interchange grades [see 2.2]		1		2	8			11	One-day per 1,000-ft.
10.3.3 review entrances/ access road grades				4	12			16	Three intersections at 4-hrs/ ea
10.3.4 review storm sewers/ culverts/ ditches [see 5.0]				2	8			10	Eight drives at 1-hr/ ea
10.3.5 review utility conflicts				1	4			5	Included in 5.0
10.3.6 develop preliminary earthwork				1	4			5	
10.4 preliminary design development									
10.4.1 pavement analysis & design				4	16			20	
10.4.2 intersection / interchange geometrics [see 2.2]				1	4			5	PVT design according to BLR Manual
10.4.3 develop construction staging				1	4			5	Develop warping plan labels.
10.4.4 guardrail/ barriers requirements									N/A. Close Road to thru traffic during construction.
10.4.5 signage/ pavement markings									Not anticipated or included.
10.4.6 utility relocation requirements				2	8			10	Replace street signs and develop pvt mk and signage plan.

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO.: 28012
 CITY: Columbia

DATE: 01/26/11

TASK	PRIN.	SR. PROF. II	SR. PROF. I	PROF. III	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
10.5 preliminary plan development								23	
10.5.1 plan alignment/ stationing/ curve data					20	3			2 label curves and station alignments
10.5.2 pavement/ shoulders/ medians/ curbs/ sidewalks					2			2	2 label widths on plan sheets
10.5.3 interchanges/ interchanges					4	1		5	5 Insert warping plans onto sheets (2-hr/stt)
10.5.4 entrances/ access roads					2			2	2 label entrance stations
10.5.5 guardrail/ barriers									N/A. Not included.
10.5.6 bridge approach pavement									N/A. Not included.
10.5.7 construction limits					4	1		5	5 Develop limits and label
10.5.8 right-of-way/ owners					4	1		5	5 Label property owners on plans.
10.5.9 benchmarks/ control points					2			2	2 Label BMs and CPs on plan (2-hr/st)
10.5.10 profile- grades/ elevations/ curve data									
10.5.11 storm sewers/ culverts/ ditches [see 5.0]									
10.6 preliminary cross-sections/ earthwork									
10.6.1 cut existing sections					16	3		19	19 Approximately 40 sections
10.6.2 proposed roadway templates					2			2	2 Cut sections in Microstation
10.6.3 develop templates (slopes, entrances, drainage)					8	2		10	10 Develop Microstation criteria files included in 10.6.3
10.6.4 end areas/ earthwork estimate					4	1		5	5 Run earthwork routine in Microstation
10.6.5 plot & label ROW					2			2	2 Link ROW linework in plan view to xsections.
10.7 submittals					12			24	
10.7.1 preliminary alignment					4			4	4 Review typical sections/ alignments with City.
10.7.2 preliminary plan					4			8	8 Review plan w/ City and pick-up comments.
10.7.3 pre-final plan (field check)					4			12	12 Check and edit per observations.
11.0 FINAL PLANS/ DOCUMENTS					39	30		293	Cover, General Notes, Typical Sections, Quantity, Schedule, PIP, Drainage, Details, Intersection Details, and Cross Sections
11.1 cover sheet		8			218			19	
11.1.1 location map/ project limits				3	18			2	2 Insert location maps
11.1.2 index of sheets					2			2	
11.1.3 standard drawings index					1	4		5	5 Review highway standards
11.1.4 general notes					2			10	10 Develop notes specific to project
11.2 quantities		2			40	10		56	56 Approximately 50 pay items.
11.2.1 pay items & code numbers					8	1		12	
11.2.2 pavement schedule & quantities		1			2	1		3	
11.2.3 entrances schedule & quantities					2	1		3	
11.2.4 storm sewer schedule & quantities					4	1		5	
11.2.5 pavement markings schedule & quantities					2	1		3	
11.2.6 removals schedule & quantities					4	1		5	
11.2.7 earthwork schedule & quantities					4	1		5	
11.2.8 other schedules & quantities					2	1		3	5 Earthwork Balance
11.2.9 summary of quantity schedule		1			2	1		3	3 Curb Schedule
11.3 typical sections					12	2		17	
11.3.1 existing typical sections					7			9	
11.3.2 proposed typical sections					1			5	5 Refine sections in 10.1.2 (4 sections at 1 hr/ ea)
11.3.3 structural pavement design					1			3	3 Refine sections in 10.1.2 (2 sections at 1 hr/ ea)
					1			1	1 Insert mix design table

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO.: 28012
 CITY: Columbia

DATE: 01/28/11

TASK	PRIN.	SR. PROF. II	SR. PROF. I	PROF. III	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
11.4 construction detail sheets		1		8	20			27	
11.4.1 side streets & entrances				2	4			6	Develop entrance details
11.4.2 pavement details									Not anticipated or included.
11.4.3 special ditches									Not anticipated or included.
11.4.4 drainage structures									Not anticipated or included.
11.4.5 retaining walls									Not anticipated or included.
11.4.6 guardrail/barriers		1		4	16			21	Lay out retaining wall at 218 Cherry St.
11.4.7 survey tie points									Not anticipated or included.
11.5 intersection/interchange sheets		1		3	15			19	Not anticipated or included.
11.5.1 intersection/interchange geometrics									Refine intersection warping plans including ADA ramps (three locations at 19.5 hrs/each)
11.5.2 intersection/interchange elevations		1		3	15			19	Refine intersection warping plans including ADA ramps (three locations at 19.5 hrs/each)
11.5.3 pavement joint layouts									Included in 11.5.1
11.5.4 ramp profiles/super-elevation									N/A. Refer to Highway Standard.
11.5.5 ramp terminal details									N/A. Local Road without SE
11.5.6 intersection/interchange cross-section layout									N/A. No time included
11.6 maintenance of traffic									N/A. Not included
11.7 traffic signal plans									N/A. Refer to Highway Standard.
11.8 specialty plan sheets									N/A. Not included
11.8.1 pavement markings				2	8	2		12	
11.8.2 signing plans				1	4	1		6	
11.8.3 lighting plans				1	4	1		6	
11.8.4 utility relocation plans									Not anticipated or included.
11.8.5 landscape plans									Not anticipated or included.
11.9 road plan/profile sheets									Not anticipated or included.
11.9.1 plan-alignment/stationing/curve data					16	4		20	Label two plan/profile sheets
11.9.2 pavement/shoulders/medians					1	1		2	
11.9.3 intersections/interchanges					2			2	
11.9.4 entrances/access roads					2	1		3	
11.9.5 guardrail/barriers					2			2	
11.9.6 storm sewers/culverts/ditches					2	1		3	Not anticipated or included.
11.9.7 construction limits					1			1	
11.9.8 right-of-way/owners									See 10.5.8
11.9.9 benchmarks/control points									See 10.5.9
11.9.10 profile-grades/elevations/curve data					2			2	
11.9.11 cross-references					4	1		5	
11.10 cross sections									Approximately 8 sheets.
11.10.1 proposed templates				3	24	4		31	
11.10.2 proposed ditches/culverts/storm sewer									Show and label SS on plan sheets (1 hr per sheet)
11.10.3 proposed ROW limits				1	8	1		10	Label TCEs on plan sheets (1 hr per sheet)
11.10.4 earthwork end areas									Label cut and fill on plan sheets (1 hr per sheet)
11.10.5 matchlines/cross-references				1	8	2		11	Label cut and fill on plan sheets (1 hr per sheet)
11.11 structure plans									Not anticipated or included.
11.11.1 review/address comments									Not anticipated or included.
11.11.2 final coordination and assembly									

EXHIBIT D

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO: 28012
 CITY: Columbia

DATE: 01/28/11

TASK	PRIN.	SR. PROF. II	SR. PROF. I	PROF. III	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
11.12 contract documents		2		8	44	8		82	Develop project manual Included in 11.12.2
11.12.1 check sheets									
11.12.2 supplemental specifications				1	4	1		6	
11.12.3 interim special provisions (BOEs)				1	8	1		10	
11.12.4 special provisions		2		4	20	4		30	
11.12.5 estimate of time				1	4	1		6	
11.12.6 unit cost									
11.12.7 estimate of cost				1	8	1		10	
11.13 bidding documents									State Letting. Not included
11.13.1 notice to contractors									
11.13.2 proposal									
11.13.3 schedule of prices									
11.14 final PS&E submittal		2		8	26	2		38	
11.14.1 pick and assemble final plans		2		4	8			14	QA/AC
11.14.2 copy and review final CAD files					2	2		4	
11.14.3 copy and assemble computations					2			2	
11.14.4 copy and assemble contract documents					2			2	
11.14.5 final submittal and close-out				4	12			16	Address IDOT comments and submit for letting.
12.0 RIGHT OF WAY	40	22		4	80	18	16	178	Approximately ten parcels to consider
12.1 Right-of-way survey		10			32	16	18	74	
12.1.1 research record information					8			8	Obtain last deed of record from Courthouse
12.1.2 review title reports/ ownership reports		4			10			14	Approx. ten deed reviews at 1-hr/ea
12.1.3 review locations in field/ set survey limits									Included in task 1.0
12.1.4 locate and tie existing monumentation					2	16	16	34	Two days to locate. Tie-in with topo.
12.1.5 review monumentation against records		2			4			6	
12.1.6 supplemental field monumentation									
12.1.7 establish property lines/ ROW		4			8			12	Draw property lines from record.
12.2 plats, plans, descriptions for ROW acquisition	40	8		4	48			100	Included in preliminary design.
12.2.1 set proposed ROW (lines)									
12.2.2 calculate bearings/ distances, stations/ offsets					10			10	Assume 10 temporary constr easements
12.2.3 calculate areas					10			10	Assume 10 temporary constr easements
12.2.4 prepare legal descriptions		8			20			28	Assume 10 legal descriptions for TCEs
12.2.5 prepare ROW plans									N/A. Not included.
12.2.6 prepare statutory plats									N/A. Not included
12.2.7 prepare parcel plats									N/A. Not included
12.2.8 prepare monument records									N/A. Not included
12.2.9 negotiate parcels				4	8			52	Negotiate 10 parcels at 4-hrs/ea
12.3 submittals	40	4						4	
12.3.1 pre-final submittal- ROW plan only									
12.3.2 review ROW needs with client									
12.3.3 final submittal- all documents		4						4	ROW certification meeting with IDOT
12.4 stake proposed ROW									

ESTIMATE OF PERSON HOURS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO.: 28012
 CITY: Columbia

DATE: 01/28/11

TASK	PRIN.	SR. PROF. II	SR. PROF. I	PROF. III	JR. PROF.	TECH. II	TECH. I	TOTAL	SCOPE OF WORK
13.0 CONSTRUCTION PHASE SERVICES									
13.1 Construction Staking		5		20	30	44	44	143	Not included. To be negotiated later.
13.1.1 Locate and verify control		5		8	18	44	44	119	
13.1.2 Drainage Structures		1		1	2	4	4	12	
13.1.3 Grade stakes		1		1	4	8	8		4/- 10 structures (30 points) slope stakes at 50' intervals along Cherry + 20 points/ ea for 3 intersections (80 points)
13.1.4 Curb/ pavement staking		1		2	4	12	12		stakes at 50' intervals along Cherry + 20 points/ ea for 3 intersections (80 points)
13.1.5 Miscellaneous staking		1		2	4	8	8	23	one day allowance for centerline or approx. ROW stakes
13.2 Roadway Construction Administration				12	12			24	
13.2.1 Construction Questions				12	12			24	estimate 2 hrs per week for 12 weeks for questions from City staff.
13.2.2 Drainage Structures									
13.3 Construction Coordination and Visits									
13.3.1 preconstruction meeting									not included.
13.3.2 construction visits									not included.
13.3.3 change orders / contractor questions									not included.
14.0 ADMINISTRATION/ MANAGEMENT		2		24	2			28	Assume 12-month long design project.
14.1 Scope of Work Reviews				3				3	0.5-hr bi-monthly
14.2 Scheduling									
14.3 Budget Control				8				8	0.5-hr monthly
14.4 Manpower Planning				6				6	0.5-hr monthly
14.5 Project Team Meetings (including start-up meeting)		2		3	2			7	Kick off meeting and agenda
14.6 Contract Administration				6				6	0.5-hr monthly
14.7 Billings									Included in 14.6
15.0 QA/QC									Included in Tasks above



OATES ASSOCIATES, INC.

15 MONTHS
2/15/2011
7/1/2011
5/16/12

OVERHEAD RATE	151.20%
COMPLEXITY FACTOR	0.000
% OF RAISE	3.00%
	0.00
	0.035
	0.07

ESCALATION PER YEAR

1000

$$\frac{10}{15}$$

66.67%

2.00%



**Illinois Department
of Transportation**

PAYROLL RATES

FIRM NAME OATES ASSOCIATES, INC. DATE 01/27/11
PRIME/SUPPLEMENT
PTB NO. Columbia

ESCALATION FACTOR 2.00%

CLASSIFICATION	CURRENT RATE	ESCALATED RATE
PRINCIPAL	62.69	63.95
SR. PROFESSIONAL II	48.68	49.65
SR. PROFESSIONAL I	45.35	46.26
PROFESSIONAL III	42.43	43.27
PROFESSIONAL II	36.30	37.03
PROFESSIONAL I	32.85	33.51
DESIGNER	43.27	44.14
JUNIOR PROFESSIONAL	28.25	28.81
TECHNICIAN III	34.38	35.06
TECHNICIAN II	29.11	29.69
TECHNICIAN I	24.13	24.61
TECHNICIAN INTERN	15.50	15.81



Route	FAU 9308
Project	Cherry Street Reconstruction - Phase 2
County	Montroe
Job No.	28012
City	Columbia

Date 01/27/11

4

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJECT RATES			FIELD SURVEYS			INTERSECTION DESIGN STUDIES			PROJECT DEVELOPMENT REPORT		
		HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE
PRINCIPAL	63.95	40.00	3.33	2.13	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
SR. PROFESSIONAL II	49.65	51.00	4.24	2.11	6	5.41	2.68	0	0.00	0.00	5	3.16	1.57
SR. PROFESSIONAL I	46.26	4.00	0.33	0.15	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
PROFESSIONAL III	43.27	179.00	14.89	6.44	5	4.50	1.95	0	0.00	0.00	33	20.89	9.04
PROFESSIONAL II	37.03	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
PROFESSIONAL I	33.51	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
DESIGNER	44.14	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
JUNIOR PROFESSIONAL	28.81	708.00	58.90	16.97	36	32.43	9.34	0	0.00	0.00	120	75.95	21.88
TECHNICIAN III	35.06	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
TECHNICIAN II	29.69	128.00	10.65	3.16	32	28.83	8.56	0	0.00	0.00	0	0.00	0.00
TECHNICIAN I	24.61	92.00	7.65	1.88	32	28.83	7.10	0	0.00	0.00	0	0.00	0.00
TECHNICIAN INTERN	15.81	0.00	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
TOTALS		1202	100	\$32.85	111	100	\$29.63	0	0	\$0.00	158	100	\$32.49

Route FAU 9308

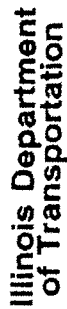
Project	Cherry Street Reconstruction -
County	Monroe
Job No.	28012
City	Columbia

Consultant **OATES ASSOCIATES, INC.**

Date 01/27/11

Sheet 2 OF 4

PAYROLL CLASSIFICATION	AVG HOURLY RATES	HYDRAULIC DATA & REPORT			DRAINAGE			UTILITY AND RAILROAD AGREEMENT						SOILS ANALYSIS AND REPORT		
		HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE			
PRINCIPAL	63.95	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00			
SR. PROFESSIONAL II	49.65	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00			
SR. PROFESSIONAL I	46.26	0	0.00	0.00	4	6.06	2.80	0	0.00	0.00	0	0.00	0.00			
PROFESSIONAL III	43.27	0	0.00	0.00	10	15.15	6.56	7	20.00	8.65	0	0.00	0.00			
PROFESSIONAL II	37.03	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00			
PROFESSIONAL I	33.51	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00			
DESIGNER	44.14	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00			
JUNIOR PROFESSIONAL	28.81	0	0.00	0.00	52	78.79	22.70	28	80.00	23.05	0	0.00	0.00			
TECHNICIAN III	35.06	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00			
TECHNICIAN II	29.69	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00			
TECHNICIAN I	24.61	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00			
TECHNICIAN INTERN	15.81	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00			
TOTALS		0	0	\$0.00	66	100	\$32.06	35	100	\$31.71	0	0	\$0.00			



Average Hourly Project Rates

Consultant **OATES ASSOCIATES, INC.**

Date 01/27/11

Sheet 3 OF 4

PAYROLL CLASSIFICATION	AVG HOURLY RATES	STRUCTURE RPTS/ TS & L DRAWING(STRUCTURE PLANS						PRELIMINARY ROAD DESIGN						FINAL PLANS/ DOCUMENTS		
		HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE
PRINCIPAL I	63.95	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
SR. PROFESSIONAL II	49.65	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	3	1.58	0.78	8	2.73	1.36
SR. PROFESSIONAL I	46.26	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
PROFESSIONAL III	43.27	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	37	19.47	8.43	39	13.31	5.76
PROFESSIONAL II	37.03	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
PROFESSIONAL I	33.51	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
DESIGNER I	44.14	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
JUNIOR PROFESSIONAL	28.81	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	144	75.79	21.84	216	73.72	21.24
TECHNICIAN III	35.06	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
TECHNICIAN II	29.69	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	6	3.16	0.94	30	10.24	3.04
TECHNICIAN I	24.51	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
TECHNICIAN INTERN	15.81	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
TOTALS		0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	190	100	\$31.99	293	100	\$31.40



Average Hourly Project Rates

Route	FAU 9308
Project	Cherry Street Reconstruction -
County	Monroe
Job No.	28012
City	Columbia

Consultant
OATES ASSOCIATES, INC.

Date 01/27/11

Sheet 4 OF 4

PAYROLL CLASSIFICATION	AVG HOURLY RATES	RIGHT OF WAY			CONSTRUCTION PHASE SERVICES			ADMINISTRATION/ MANAGEMENT			QA/QC	
		HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE	HOURS	% PART	WGTD RATE		
PRINCIPAL	63.95	40	22.47	14.37	0	0.00	0.00	0	0.00	0.00		
SR. PROFESSIONAL II	49.65	22	12.36	6.14	5	3.50	1.74	2	7.14	3.55	0	0.00
SR. PROFESSIONAL I	46.26	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00
PROFESSIONAL III	43.27	4	2.25	0.97	20	13.99	6.05	24	85.71	37.09	0	0.00
PROFESSIONAL II	37.03	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00
PROFESSIONAL I	33.51	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00
DESIGNER	44.14	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00
JUNIOR PROFESSIONAL	28.81	80	44.94	12.95	30	20.98	6.04	2	7.14	2.06	0	0.00
TECHNICIAN III	35.06	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00
TECHNICIAN II	29.69	16	8.99	2.67	44	30.77	9.14	0	0.00	0.00	0	0.00
TECHNICIAN I	24.61	16	8.99	2.21	44	30.77	7.57	0	0.00	0.00	0	0.00
TECHNICIAN INTERN	15.81	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00
TOTALS		178	100	\$39.31	143	100	\$30.54	28	100	\$42.70	0	\$0.00

SUMMARY OF DIRECT COSTS

FIRM: OATES ASSOCIATES, INC.
 ROUTE: FAU 9308
 PROJECT: Cherry Street Reconstruction - Phase 2
 COUNTY: Monroe
 JOB NO: 28012
 CITY: Columbia

DATE: 01/26/11

		pages	cost	total
Project Development Report:				
Preliminary Report Submittal (8 1/2 X 11)	copies		\$0.05	\$0.00
Final Report Submittal (8 1/2 X 11)			\$0.05	\$0.00
Preliminary Report Submittal (11 X 17)			\$0.20	\$0.00
Final Report Submittal (11 X 17)			\$0.20	\$0.00
Color Copies (8 1/2 X 11)			\$0.45	\$0.00
Color Copies (11 x 17)			\$0.95	\$0.00
Preliminary Plans:				
Alignment Submittal (11 X 17)	copies	pages	cost	total
Field Check (Full Size)			\$0.12	\$0.00
Preliminary Plans (11 X 17)			\$0.54	\$0.00
Preliminary Plans (Full Size)			\$0.12	\$0.00
Reduced Plans For PDR			\$0.54	\$0.00
Utility Coordination (Full Size)			\$0.12	\$0.00
			\$0.54	\$0.00
Final Plans:				
PreFinal Plans (11 X 17)	copies	pages	cost	total
PreFinal Plans (Full Size)			\$0.12	\$0.00
Final Plans (11 X 17)			\$0.54	\$0.00
Final Plans (Full Size)			\$0.12	\$0.00
			\$0.54	\$0.00
Right-of-Way Plans:				
PreFinal Plans (11 X 17)	copies	pages	cost	total
PreFinal Plans (Full Size)			\$0.12	\$0.00
Final Plans (11 X 17)			\$0.54	\$0.00
Final Plans (Full Size)			\$0.12	\$0.00
			\$0.54	\$0.00
Right Of Way Research				
Waiver Appraisals	parcels	pages		
Courthouse Copies	10		\$400.00	\$4,000.00
	15	10	\$1.00	\$150.00
				\$0.00
				\$4,150.00
Soils-				
		borings	cost	
			\$1,500	\$0.00
				\$0.00
TOTAL DIRECT COSTS				\$4,150.00
TOTAL SERVICES BY OTHERS				\$0.00

PROJECT SCHEDULE

Firm OATES ASSOCIATES, INC.
 Route FAU 9308
 Project Cherry Street Reconstruction - Phase 2
 County Monroe
 Job No. 28012
 City Columbia

TASK	(mos)	2011												2012														
		Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FIELD SURVEYS	(1)																											
PROJECT DEVELOPMENT REPORT	(1)																											
DRAINAGE	(0)																											
UTILITY AND RAILROAD AGREEMENTS	(0)																											
PRELIMINARY ROAD DESIGN	(1)																											
FINAL PLANS/ DOCUMENTS	(2)																											
RIGHT OF WAY	(1)																											
CONSTRUCTION PHASE SERVICES	(1)																											
		Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
		2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANTICIPATED AUTHORIZATION:
 DRAFT PROJECT DEVELOPMENT REPORT SUBMITTAL
 FINAL PROJECT DEVELOPMENT REPORT SUBMITTAL
 PRE-FINAL PLAN SUBMITTAL
 FINAL PLAN SUBMITTAL
 ANTICIPATED LETTING