

Municipality Lake County Division of Transportation	L O C A L A G E N C Y	 Illinois Department of Transportation	C O N S U L T A N T	Name Christopher B. Burke Engineering Ltd.
Township				Address 9575 W. Higgins Road, Suite 600
County Lake		Preliminary Engineering Services Agreement For Non-Motor Fuel Tax Funds		City Rosemont
Section 10-00038-05-BT				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. Non-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

DRAFT

Name Deerfield Road Bike Path

Route FAU 1257 Length 0.37 Mi. _____ FT (Structure No. N/A)

Termini US Route 41/IL Route 21 to Des Plaines River Trail

Description:
Phase II Engineering for the construction of 8 foot wide bituminous multi-use path from US Route 41/IL Route 21 to Des Plaines River Trail

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:
 - 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, **Lake County Stormwater Management Commission 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 plans, special provisions, proposals and estimates of cost and furnish the LA with **one (1) copy of each document in both hardcopy and electronic format**. Additional copies of any or all documents, if required, shall be furnished to the LA by the ENGINEER at the ENGINEER's actual cost for reproduction.
 - h. Furnish the LA with survey and drafts in **duplicate** 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.
 - 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.
 - l. **Services as included and/or defined in the attached Scope of Services.**
2. That all reports, 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 LA of the DEPARTMENT**. It is being understood that all such reports, plats, 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~~.
 4. In the event plans or surveys are found to be in error during construction of the SECTION and revisions of the plans or survey corrections are necessary, the ENGINEER agrees that the ENGINEER will perform such work without expense to the LA, even though final payment has been received by the ENGINEER. The ENGINEER 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.
 6. That all plans and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by the ENGINEER and will show the ENGINEER's professional seal where such is required by law.

The LA Agrees,

1. To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT according to the following method 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	_____	(see note)
	_____	%
	_____	%
	_____	%

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

2. To pay for all services rendered in accordance with this AGREEMENT at the 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 the ENGINEER's actual cost. Subject to the approval of the LA, the ENGINEER may sublet all or part of the services provided in section 1 of the ENGINEER AGREES. If the ENGINEER sublets all or part of this work, the LA will pay the cost to the ENGINEER plus an additional service charge of up to five (5) percent.

"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. ***see the CECs**

The Total Not-to-Exceed Contract Amount shall be \$185,044.40

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 plans, special provisions, proposals and estimate of cost - being the work required by section 1 of 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 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 sections 1 and 3 of the ENGINEER AGREES and prior to the completion of such services, the LA shall reimburse the ENGINEER for the ENGINEER's actual costs plus ___ percent incurred up to the time the ENGINEER 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 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 2 of the LA AGREES. It is understood that "changes" as used in this paragraph shall in no way relieve the ENGINEER of the ENGINEER's responsibility to prepare a complete and adequate set of plans and specifications.
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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 the ENGINEER's 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 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 the ENGINEER 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 the ENGINEER's 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 triplicate counterparts, each of which shall be considered as an original by their duly authorized officers.

Executed by the LA:

ATTEST: _____ County of Lake _____ of the
 (Municipality/Township/County)
 State of Illinois, acting by and through its
 County Board
 By _____
 Lake County Clerk
 (Seal) Title Chairman of the County Board

RECOMMENDED FOR EXECUTION

 Paula J. Trigg, P.E.
 Director of Transportation/County Engineer
 Lake County

Executed by the ENGINEER:

ATTEST: _____ Christopher B. Burke Engineering, Ltd.
 Engineering Firm
 9575 W. Higgins Road, Suite 600
 Street Address
 Rosemont, IL 60018
 City, State
 By _____ By _____
 Title _____ Title President



Lake County
Division of Transportation

EXHIBIT A

**Cost Estimate of
Consultant Services
(CPFF)**

Firm Christopher B. Burke Engineering, Ltd.

Date 12/18/13

Route Deerfield Road Bike Path II

Section 10-00038-05-BT

Overhead Rate 130.82%

County Lake

Job No. TBD

Complexity Factor 0

PTB & Item N/A

Item	Work Hours	Payroll	Overhead & Fringe Benefits	In-House Direct Costs *	Fixed Fee	Outside Direct Costs	Subs	Total (C+D+E+F+G+H)	% of Grand Total
1. Kick Off Meeting/Data Collection	28	1,445.09	1,890.47		502.89			3,838.45	2.07%
2. Preliminary Plans, Specs and Estimate	596	25,899.58	33,881.84		9,013.06	400.00		69,194.48	37.39%
3. Right-of-Way Acquisition Services	38	1,688.67	2,209.12		587.66	300.00	14,800.00	19,585.44	10.58%
4. PSI	2	98.36	128.67		34.23		11,552.00	11,813.25	6.38%
5. Adjacent Property Owner/ Village Coord	44	2,329.26	3,047.14		810.58	250.00		6,436.99	3.48%
6. Utility Coordination	42	2,172.69	2,842.31		756.10	600.00		6,371.10	3.44%
7. Floodplain Permitting	30	1,336.29	1,748.14		465.03	100.00		3,649.46	1.97%
8. Wetland Delineation and Permitting	40	2,031.87	2,658.10		707.09	100.00		5,497.06	2.97%
9. Structural	22	1,119.25	1,464.21		389.50			2,972.96	1.61%
10. Pre-Final Plans, Specs and Estimates	290	12,468.45	16,311.23		4,339.02	800.00		33,918.69	18.33%
11. Final Plans, Specs and Estimates	106	4,530.28	5,926.51		1,576.54	800.00		12,833.32	6.94%
12. Bid Documents	46	1,966.07	2,572.01		684.19	600.00		5,822.27	3.15%
13. RFIs/Shop Drawing Review	22	1,171.19	1,532.15		407.57			3,110.92	1.68%
TOTALS	1306	58,257.06	76,211.88	0.00	20,273.46	3,950.00	26,352.00	185,044.40	100.00%

* Mileage Only. All other direct costs are "outside"

Avg Hrly: 44.61

SCOPE OF WORK

PHASE II - FINAL ENGINEERING

Task 1 – Kick-off Meeting/Data Collection

CBBEL will attend a preliminary conference with LCDOT staff to discuss the goals and objectives of the project and to refine our work scope. CBBEL will collect, examine, review and evaluate data to be used when we prepare the Phase II Contract Documents utilizing FHWA/IDOT procedures. This data will include the following:

- Phase I Report
- Utility Atlases
- Adjacent Subdivision Plats and any other available information to identify existing right-of-way
- Information on benchmarks to be utilized for vertical control for the project
- Floodway/floodplain maps
- Other State, County and LCDOT plans and maps

After meeting with LCDOT and collecting and reviewing all existing data, CBBEL will attend an IDOT Phase II Kick-Off meeting to discuss project funding, scope and schedule.

Task 2 – Preliminary Plans, Specifications and Cost Estimate

On the basis of the approved PDR, CBBEL will prepare preliminary contract documents to approximately 60% complete. These will consist of plans, specifications, estimate of time, status of utilities to be adjusted and an estimate of construction cost. The plans will be prepared in accordance with all LCDOT and IDOT design criteria for the appropriate road classification.

We estimate the preliminary plans will consist of the following sheets:

<u>No. of Sheets</u>	<u>Sheet Title</u>
1	Cover Sheet
1	General Notes <ul style="list-style-type: none">▪ Includes LCDOT/IDOT standard notes and additional major notes to clarify project's intent and define incidental items
1	Summary of Quantities
3	Alignment, Ties and Benchmarks sheet
3	Typical cross sections that are <ul style="list-style-type: none">▪ Complete and comprehensive▪ Extending from ROW to ROW▪ Clearly describe improvement
3	Existing Conditions and Removal Sheets
5	Path Plan and Profile sheets showing (2 panels) <ul style="list-style-type: none">▪ Existing topography, drainage structures and sewers and other utilities▪ Existing property lines and street addresses▪ Proposed horizontal and vertical alignment▪ Proposed edge of pavement, shoulder, etc.▪ Any proposed drainage and utility structures and pipe in plan and profile



SCOPE OF WORK

	▪ Existing utilities to remain in place
3	Parking lot plan
2	Maintenance of Traffic Notes and Typical Sections
5	Maintenance of Traffic Plans
4	Traffic Signal Plans
4	Parking Lot Lighting Sheets
5	Landscaping Plans and Details
1	Compensatory Storage Grading Plan
2	Retaining Wall Plans
5	Erosion Control Notes and Details
6	Construction Details
10	Cross Sections
	▪ Sufficient in number to approximate cuts and fills (50' intervals plus driveways)
	▪ Sufficient in number to confirm the Phase I ROW/Easement needs
	▪ Through driveways to determine proposed slopes and verify the temporary construction easement identified in Phase I
	▪ Sufficient in number to delineate drainage patterns
<u>6</u>	Standard Details (IDOT/LCDOT)
70	TOTAL SHEET COUNT

CBBEL will use IDOT/LCDOT standard pay items and standard specifications where applicable. Otherwise, project-specific special provisions will be written as needed. Plans, special provisions, and the estimate of cost will be submitted to the LCDOT and IDOT for review.

CBBEL will also make required submittals to IEPA to meet NPDES requirements.

Task 3 – Right-of-Way Acquisition Services

Right-of-way acquisition services will be performed by our subconsultant, Santacruz Land Acquisitions, in accordance with the Uniform Relocation Assistance and Real Property Act of 1970, as amended (Uniform Act), IDOT Land Acquisition policies and procedures, and FHWA policies. Santacruz or their subconsultant will perform appraisals, review appraisals and negotiations for two permanent takes and one temporary easement identified in the Plat of Highways prepared by CBBEL.

If required, CBBEL will revise the Plat of Highways as a result of further coordination with property owners. A direct cost budget has also been included to update title commitments as necessary.

Task 4 – PSI

CBBEL's subconsultant, Huff & Huff Inc., will conduct a Preliminary Site Investigation (PSI) for the project, as required by the PESA performed in Phase I. Huff & Huff will analyze an estimated eight soil borings to determine the location, depth and types of contaminated soils. Huff & Huff will prepare a report summarizing their results and will sign the required IEPA CCDD forms during construction. CBBEL will incorporate their recommendations for remediation into the plans and specifications.



SCOPE OF WORK

Task 5 – Adjacent Property Owner/Village Coordination

This task will focus on communicating the construction plans, schedule and right-of-way takes with the adjacent property owners. We envision that stakeholder meetings will be held with the affected property owners. CBBEL will provide plan and typical section exhibits for review and discussion at the stakeholder meetings. CBBEL will coordinate any required permits, path closures, compensatory storage, future improvements and potential utility relocations with the Village of Riverwoods, Village of Buffalo Grove and adjacent private developments. We will also coordinate the intersection crosswalk and pedestrian signal with IDOT. The crossing of the existing LCFPD drive and relocation of their entrance gate will be coordinated with the Forest Preserve.

Task 6 – Utility Coordination

CBBEL will review all utility plans received during Phase I and will coordinate with any utilities that did not respond to initial information requests. CBBEL will add the received information to the existing conditions plan and request that the utility companies review and verify. CBBEL will then send preliminary plans with potential conflicts identified. As needed we will set up utility coordination meetings to discuss necessary utility relocations or plan adjustments. This process will continue through pre-final and final plan development until verification of facilities and relocation design is complete.

Task 7 – Floodplain Permitting

CBBEL will calculate the volume of fill that will be placed in the floodplain by the proposed path construction in accordance with the Lake County Watershed Development Ordinance (WDO) and the required amount of incremental compensatory storage will be determined. CBBEL will design a new basin/ditch to provide the necessary compensatory storage. CBBEL will then prepare a Watershed Development Permit Application to SMC.

Task 8 – Wetland Delineation and Permitting

During Phase I, we completed a wetland delineation on the project site in February 2012. CBBEL will stake the limits of the wetland community for survey (by others) on the project coordinate system.

CBBEL will arrange and attend a wetland boundary confirmation site visit with the appropriate County/Village Wetland Specialist.

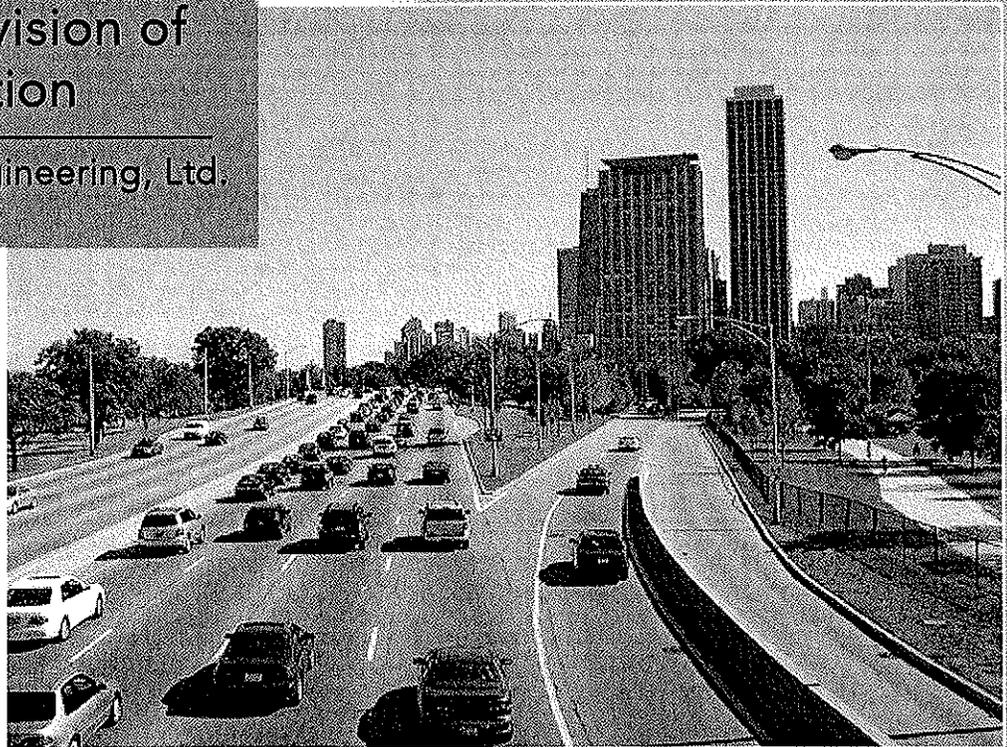
This project will require permits from Lake County Stormwater Management Commission (SMC), U.S. Army Corps of Engineers and the Illinois Environmental Protection Agency. CBBEL will prepare the exhibits, specifications, data and project information needed for each permit application. The Lake County SMC permit application will include an existing and proposed condition Base Flood Elevation (BFE) determination to meet SMC Ordinance requirements. CBBEL has already discussed with SMC staff. As a result, we will prepare compensatory storage calculations, grading plans, average end area calculations, and cross sections. We will coordinate development of documents with LCDOT prior to submittal to SMC and meet with SMC staff as required.



PROPOSAL FOR LAND ACQUISITION SERVICES

Lake County Division of
Transportation

Christopher B. Burke Engineering, Ltd.



Deerfield Road Bike Path

from Milwaukee Avenue (IL21) to
Des Plaines River Trail

**Santacruz Land
Acquisitions**

2650 Valor Drive · Glenview, IL 60026
www.santacruz-associates.com

Contact:

J. Steve Santacruz
847-868-9620

jsteve@santacruz-associates.com

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EXECUTIVE SUMMARY

Having extensive experience with right of way projects, we understand the importance of keeping on schedule. On-time lettings gives the **Lake County Division of Transportation**, the Local Public Agency (“LPA”) the best use of its resources and strengthens the efficiencies in the implementation of its roadway improvement program. To achieve your goals, it is critical that your land acquisition consultant understands the importance and addresses three critical issues in your acquisition of right of way:

- Deliver the right of way on-time to meet the letting
- Manage the acquisition risks, including the cost of condemnation litigation
- Compliance with the Uniform Relocation Assistance and Real Property Act of 1970, as amended (Uniform Act), IDOT land acquisition policies and procedures and FWA policies.

CRITICAL ISSUE 1: DELIVER THE RIGHT-OF-WAY ON-TIME TO MEET LETTING

Delivery of right of way on-time keeps the project on its letting schedule. We understand that nothing is more important to the LPA. We also know that keeping the land acquisition on-time and within budget is a measurement of success for the LPA. When a project does not meet its letting schedule, we know it can impact the budget for the LPA, causing scheduling conflicts with potential contractors and also affect other economic factors which govern the delivery of the overall roadway improvement program for the LPA.

Our solution is to assemble a team of industry leading right of way professionals that have years of experience working on land acquisition projects with the understanding of what needs to be done to complete an acquisition on time.

Santacruz Land Acquisitions will work with the staff for the LPA and/or **Christopher B. Burke Engineering, Ltd.**, Engineer for the LPA, (“Consultant”) to develop a land acquisition plan for the Deerfield Road Bike Path West from IL 21 (Milwaukee Avenue) to the Des Plaines River Trail (the “Project”) to assure that the goals are met. Beginning with waiver valuations on the appraisal side, we look for ways to reduce the time on the acquisition cycle. With years of right of way acquisition work, we have a large database of real estate representatives for corporate acquisitions to cut down the time spent in the initial steps of locating the real estate representative for each property.

All of these efficiencies lead to ways in which we minimize our time with an acquisition and translate to your project staying on schedule.

CRITICAL ISSUE 2: MANAGE THE ACQUISITION RISKS

Equally important as the scheduled letting is the acquisition budget for the Project. Cost overruns can jeopardize a project from moving forward. Because real estate costs can represent a significant portion of the budget for a transportation project, our team will suggest ways to minimize impacts and reduce costs in challenging acquisitions. We will also work with the LPA to minimize the condemnation referrals that impact the budget for this Project. By the same token, our team will quickly identify parcels in the very beginning of the process that have title issues that can only be resolved through condemnation.

Through experience, we know that a portion of the parcels will need to be acquired through condemnation. As such, your land acquisition consultant needs to have knowledge of the legal requirements necessary to position an agency for condemnation. Our team possesses that knowledge and has years of experience providing "expert witness" testimony in these matters.

Santacruz Land Acquisitions is made up of skilled right of way professionals with a vast background in real estate and civil engineering with respect to transportation projects which gives us the ability to recognize issues and resolve them before they create delays.

CRITICAL ISSUE 3: COMPLIANCE WITH GOVERNMENT REGULATIONS

All land acquisition services must be performed in accordance with the Uniform Relocation Assistance and Real Property Act of 1970, as amended (Uniform Act). In addition, we are familiar with IDOT's land acquisition guidelines, policies and procedures.

WHY SANTACRUZ LAND ACQUISITIONS?

As you review our proposal, you will see that the team that Santacruz Land Acquisitions has assembled is versatile, experienced and qualified to deliver the full scope of the land acquisition needs for the LPA. What sets apart our team is:

- Years of successful on-time delivery of right of way land acquisition services to various other agencies
- Diverse set of real estate acquisition disciplines including backgrounds in law and civil engineering
- Extensive experience with complex valuations and acquisitions
- Title review experience, including familiarity with all types of recorded documents affecting real estate and knowledge on how to clear title
- Experience in reviewing plats and legal descriptions, as well as an ability to review and understand roadway construction plans
- Expertise with the Uniform Relocation Assistance and Real Property Act of 1970, as amended (Uniform Act), Illinois Eminent Domain Act (735 ILCS 30), IDOT Land Acquisition Guidelines.
- Familiarity with IDOT policies and procedures related to land acquisition and appraisals.

Our solution is to apply our team's extensive collective decades of experience complying with federal and state laws and maximizing the team's knowledge of the land acquisition policies of IDOT.

ADDITIONAL COMPONENT OF OUR PROPOSAL: BEP UTILIZATION

Santacruz Land Acquisitions is a BEP with Central Management Services, a DBE with IDOT and an MBE with Cook County and the City of Chicago.

TEAM ORGANIZATION

Santacruz Land Acquisitions has assembled a versatile team of professional right of way consultants with the experience to deliver successful land acquisition services and meet the letting dates of the project. J. Steve Santacruz, President of Santacruz Associates Ltd. d/b/a Santacruz Land Acquisitions will lead the team as Project Manager. The team brings a wealth of experience in land acquisition for governmental agencies and related real estate law and civil engineering disciplines to assure the proper handling of even the most complicated of acquisitions. Additionally, the key members of the Santacruz Land Acquisitions team have collaborated in the past on projects.

SUMMARY

With a long history of successful delivery of a variety of right of way projects on-time, within budget and to our client's satisfaction, we look forward to the opportunity to assist the LPA with its land acquisition needs

COMPENSATION

Santacruz Land Acquisitions shall be entitled to the compensation as shown on the attached schedule. Our cost proposal, based on **two (2)** projected parcels of right-of-way, is as follows:

<u>APPRAISALS:</u>	\$6,800.00.
<u>REVIEW APPRAISALS:</u>	\$2,400.00.
<u>NEGOTIATIONS:</u>	\$4,600.00.

As directed, Santacruz Land Acquisitions shall invoice the LPA or Consultant for any fees and charges related to the acquisitions including, without limitation, (i) the cost of the later date title commitments, (ii) the cost of title insurance policies obtained on the parcels to be acquired, (iii) the cost of recording any necessary documents to complete the conveyance and obtain clear title, (iv) lender's fees related to the processing of any partial releases needed to provide clear title, and (v) land trustee processing fees. Santacruz Land Acquisitions shall include **\$500.00** per parcel for these charges. Santacruz Land Acquisitions shall pay any such fees and charges in excess of the **\$500.00** per parcel allowance for which Santacruz Land Acquisitions shall be entitled to additional compensation in the amount of any such payments pursuant to a separate work order issued.

Based on the projected total number of parcels of right-of-way to be acquired for the Project, the land acquisition negotiation services provided herein are offered a cost not to exceed of **\$14,800.00** as follows:

Land Acquisition Services	\$13,800.00
Direct Billable Expenses	\$1,000.00

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TECHNICAL APPROACH

Santacruz Land Acquisitions shall perform all necessary services in the preparation of appraisals and review appraisals and the negotiation of the acquisition of necessary properties required for the completion of the Project. All services shall be performed at the direction of the LPA and Consultant in accordance with the policies and procedures of IDOT, as applicable, the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 ("Uniform Act"), as amended (49 CFR Part 24), the Illinois Eminent Domain Act (735 ILCS 30) ("Eminent Domain Act") and the Illinois Code of Civil Procedure ("Code of Civil Procedure").

Santacruz Land Acquisitions will review the highway construction plans with the LPA and/or the Consultant to understand the nature and purpose of the project.

Santacruz Land Acquisitions agrees to perform the services as set forth herein as well as furnish and deliver to the LPA the final reports accompanied by all necessary documents needed for recordation and/or necessary for eminent domain proceedings. **The process described in this section has been the roadmap to many successful right of way projects for Santacruz Land Acquisitions helping us help you keep your projects on-time and within budget.**

LAND ACQUISITION CRITICAL PATH STEPS – "OUR ROAD MAP"

Task 1: Notice to Proceed

Our services start within one week (or sooner, if requested) of an authorization to proceed from the LPA.

Task 2: Kick-off Meeting

Santacruz Land Acquisitions will meet with the LPA and/or Consultant to discuss the Project, identify issues and develop any necessary strategies to assure the timely completion of the Project. At that time, we will identify the subconsultants that shall be assigned to the Project to perform the appraisal and review appraisal functions.

Task 3: Delivery and Review of Project Information

The LPA or Consultant will provide Santacruz Land Acquisitions with plats of highway, legal descriptions, the most recent title commitments and any other pertinent information regarding the property owner for each parcel assigned for acquisition. In addition, the LPA or Consultant will also provide us with a set of project plans, including, (i) plan and profile, (ii) drainage and utilities, (iii) pavement markings and (iv) cross sections.

Task 4: Introductory Notice to Owners

The assigned Appraiser will notify the property owner of the proposed taking and the beginning the valuation process of the property. The notice will invite the property owner to be present during the inspection by the appraiser.

Task 5: Appraisal / Waiver Valuation

All appraisal work shall be completed within the time frame provided by the LPA at the time the project is assigned.

The Appraiser will review the plat of highways and the construction plans to determine the type of appraisal to be used for each parcel. The Appraiser will recommend the type of appraisal, which type shall be approved by IDOT. The types of appraisals to be used are the following:

- Waiver Valuation
- Non-complex – damages less than \$5,000
- Complex

The Appraiser shall make a detailed inspection of the properties and make such investigations and studies as are consistent with industry standard and necessary to derive sound conclusions for the preparation of appraisal reports.

All appraisals shall be prepared using the forms as provided or outlined by IDOT's land acquisition division. Santacruz Land Acquisitions shall furnish

and deliver four copies of the completed appraisal report for each parcel.

The Appraiser shall assist in analyzing and responding to valuation information provided by a property owner in support of a counter offer. At the request of the LPA or Consultant, Santacruz Land Acquisitions will furnish and deliver updated or revised appraisals resulting from a revision to the right of way or for condemnation purposes. Such requests will be pursuant to a separate work order.

We understand that appearances in court and/or pretrial conferences, which may include depositions, and preparation for litigation or pre-trial conferences may be required by the LPA so that it may complete the acquisition of the property through condemnation. In such case, at the request of the LPA or its trial counsel, the Appraiser assigned to appraise the parcel shall make any such appearances or complete such preparation work in order to assist with this process. Such requests will be pursuant to a separate work order.

Task 6: Review Appraisal

All appraisals will be reviewed by the Review Appraiser assuring that all items affecting the value of the property have been considered in the appraisal.

The Review Appraiser will complete the Right of Way Appraisal Review Certification (using the form designated by IDOT) and a copy will be attached to each appraisal delivered by Santacruz Land Acquisitions.

At the request of the LPA or Consultant, Santacruz Land Acquisitions will furnish and deliver updated or revised appraisals resulting from a revision to the right of way or for condemnation purposes. Such requests will be pursuant to a separate work order.

Task 7: Negotiation and Acquisition

All negotiations and acquisition services shall be provided by Santacruz Land Acquisitions after approval by the LPA of the amount of just compensation to be offered to the property owner.

The Negotiator will not have any authority to determine administrative settlements. The Negotiator will consult with the LPA for approval of any counter offers and upon acceptance by the LPA of any such counter offer, Santacruz Land Acquisitions will prepare the necessary documentation for administrative settlement.

Prior to the start of negotiations, the Negotiator will review the plats of highway and appraisals for each parcel before the start of negotiations with a property owner to understand the valuation and impact to the property. Santacruz Land Acquisitions will also inspect the title commitment provided for each parcel to determine the liens and encumbrances that will need to be addressed in order to complete the acquisition process for the Authority. Santacruz Land Acquisitions will direct any questions to the LPA or Consultant resulting from its review of the plans, plats, appraisals and title commitments so that Santacruz Land Acquisitions is prepared for any issues raised by the property owner during negotiations.

Before contacting the owner of a parcel, Santacruz Land Acquisitions will prepare and send the introductory letter to the property owner on the LPA's letterhead. This letter will provide a general statement of the Project, identify the property and the legal property owner, and briefly state the right of requirements necessary from the parcel. This letter shall also contain contact information for Santacruz Land Acquisitions and a representative of the LPA.

Santacruz Land Acquisitions will prepare an offer package for presentation to the owner at the first meeting. The offer package shall contain the Basis for Computing Total Approved Compensation and Offer to Purchase (in the

format approved by IDOT), a copy of the plat of highway with the acquisition areas highlighted and a copy of the legal descriptions of the parcels to be acquired. If, after repeated efforts to contact the property owner to schedule a meeting to present the offer, Santacruz Land Acquisitions is unable to make contact with the property owner, or if the property owner is located out of town, or at the request of the property owner to have the offer package mailed, Santacruz Land Acquisitions will send the offer package by certified mail so that a receipt of delivery can be established.

Santacruz Land Acquisitions will personally contact the property owner a minimum of three times before making a determination that the acquisition of the parcel cannot be successfully negotiated. In most cases, Santacruz Land Acquisitions will exceed the minimum number of contacts in an attempt to make all reasonable efforts to reach a settlement before recommending that the LPA commence condemnation proceedings. All contacts and efforts to make contact with the property owner shall be documented in the negotiator's report maintained by Santacruz Land Acquisitions for each parcel.

If, during its discussions with the property owner, errors in the plans are discovered or the property owner requests design changes, Santacruz Land Acquisitions will immediately notify LPA or Consultant with this information. At any time during negotiations for situations involving design changes, errors in plans or for any other reason, if requested by LPA or Consultant, Santacruz Land Acquisitions will cease negotiations on certain parcels until corrected information or further instruction is provided to Santacruz Land Acquisitions.

Upon successful negotiations with the property owner, Santacruz Land Acquisitions will prepare all necessary conveyance documents in the forms provided by and approved by IDOT in order to complete the acquisition and obtain title approval for the property. Santacruz Land Acquisitions will submit the completed parcel file with original

conveyance documents, any documents necessary for title clearance, the Negotiator's Log documenting all negotiation activities, copies of all correspondence with the property owner, title commitments, plats, and all other documentation as required by the LPA.

In the event that Santacruz Land Acquisitions, after having made every reasonable effort to contact and negotiate with the owner of a parcel, is unable to obtain a settlement on the approved appraisal amount, Santacruz Land Acquisitions shall prepare and submit to the LPA a completed parcel file with its recommendation to acquire the parcel by means of condemnation. In addition, the file will include the Negotiator's Log, copies of all correspondence with the property owner, title commitments, plats, and all other documentation as required by the LPA.

We understand that appearances in court and/or pretrial conferences, which may include depositions, and preparation for litigation or pre-trial conferences may be required by the LPA so that it may complete the acquisition of the property through condemnation. In such case, at the request of the LPA or its trial counsel, the Review Appraiser assigned to appraise the parcel shall make any such appearances or complete such preparation work in order to assist with this process. Such requests will be pursuant to a separate work order.

PERSONNEL

The experience and talent of the right of way professionals that make up the team for Santacruz Land Acquisitions will, to a large extent, be the basis for the success of keeping this Project on-time and within budget. J. Steve Santacruz brings nearly twenty years of right of way acquisition experience to lead this team as its project manager. Steve has worked on thousands of acquisition parcels for ISTHA, IDOT, Cook, Kane, Lake, and Will Counties. He has also worked for numerous township and municipalities. Steve has a reputation in the right of community of being able to handle the most complex of land acquisition transactions.

The internal support team members for Santacruz Land Acquisitions include Robin Weber, a real estate paralegal with over twenty years experience in closing residential and commercial real estate transactions, and Jonathan Abplanalp, a District 1 fee negotiator.

Each of our team members, including subconsultants, has relevant experience working collaboratively with professionals of other disciplines and other agencies. They understand the importance of effective coordination throughout the land acquisition process.

PRIOR EXPERIENCE

Santacruz Land Acquisitions was founded in 1992 as Santacruz Associates Ltd. and has grown to be one of the most dependable right of way negotiation firms in IDOT's District 1. Since it opened, Santacruz Land Acquisitions has been providing comprehensive right of way solutions, including negotiation activities and the coordination of the valuations of parcels for various public agencies. Having developed its own proprietary database overlay, we have developed great efficiencies that allow us to handle hundreds of parcels at one time keeping deadlines organized for each of our different clients.

Our team brings an array of services and broad disciplines in real estate which gives us a distinct advantage in handling even the most complex of your land acquisition projects. In addition, our team of subconsultants is not new to each other as we have collaborated together on various other projects.

Our team has delivered real estate solutions for its public agencies balancing risk management and letting dates on some of the largest and most intricate projects in the State.

3

EXHIBITS

- a. Pricing Schedule

Compensation for Services

Appraisal Services

Appraisals (Non-Complex)	\$2,300.00
Appraisals (Complex)	\$4,500.00
Revision to appraisal due to change in ROW or plans	\$1,000.00 - \$3,000.00

Review Appraisal Services

Review Appraisals (Non-Complex)	\$900.00
Review Appraisals (Complex)	\$1,500.00
Revision to review appraisal due to change in ROW or plans	\$500.00 - \$1,000.00

Negotiation Services

Negotiation and acquisition services for Right of Way including, without limitation, documentation of conveyance of property interest	\$2,300.00
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Witness Services

Rate for each ½ day in pretrial conference or in court for Negotiator	\$1,000.00
Rate for each ½ day in pretrial conference or in court for Appraiser	\$1,000.00
Hourly rate for consultation not otherwise specifically provided for herein	\$250.00

Title Services (if applicable)

Later date commitment	\$50.00
+ Administrative fee	\$25.00
Title insurance policies	\$75.00
+ Additional costs of	\$3.50 per thousand
+ Administrative fee	\$25.00
Recording of Documents – In addition to actual recording costs	
+ Administrative fee	\$25.00
Copies of recorded documents – In addition to actual copying costs	
+ Research fee	\$50.00
+ Administrative fee	\$25.00



environmental engineers
and consultants

915 Harger Road, Suite 330
Oak Brook, IL 60523
Phone (630) 684-9100
Fax (630) 684-9120
Website: <http://huffnhuff.com>

July 9, 2013

Mr. Matthew J. Huffman, P.E., M.ASCE
Project Engineer – Phase I Engineering Department
Christopher B. Burke Engineering, Ltd.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018

**Re: Environmental Services (PSI) – Deerfield Road Bike Path West
Riverwoods, Buffalo Grove, and Deerfield, Lake County, Illinois
Proposal No.: T13-083I**

Dear Mr. Huffman:

Huff & Huff, Inc. (Consultant) is pleased to submit this proposal to Christopher B. Burke Engineering, Ltd. (Client) to perform a Preliminary Site Investigation (PSI) for the proposed Deerfield Road Bike Path West Project in Riverwoods, Buffalo Grove, and Deerfield, Illinois. The project limits extend from IL 21/US 45 on the west, eastward along the south side of Deerfield Road to the Des Plaines River trail, and include proposed trail construction alternatives immediately south of Deerfield Road, extending to include a study area approximately 525 feet south of Deerfield Road.

Consultant understands that the area currently is primarily occupied commercial properties and open space within the study area. This proposal presents our project understanding, the scope of services, cost, and schedule for completing the project.

1. PROJECT UNDERSTANDING

A PESA was conducted by Consultant as documented in their PESA Report dated June 2013. The PESA concluded that recognized environmental conditions (RECs) or potentially impacted properties (PIPs) exist along the corridor that have the potential to affect the reconstruction project with regard to construction worker safety, soil handling and soil disposal. Specifically, based on review of the available information, the following sites were identified as RECs/PIPs including:

- 1) Hoffelder Landfill located at 1195 Milwaukee Rd, adjacent to the south;
 - 2) Hester International located at 1105 Milwaukee Ave, adjacent to the north; and
 - 3) K & C Cleaners located at 1113 N. Milwaukee Ave, approximately 350 feet north
- Based on the findings of the PESA, there is potential for soil and/or groundwater contamination within the project area and it was recommended that the identified PIPs be sampled prior to the

commencement of soil excavation. Soil from the project area adjacent to the PIPs will not be considered for CCDD disposal without testing.

Soil samples appropriate for the identified contamination risk from the areas of potential concern will be analyzed for volatile organic chemicals and petroleum constituents as appropriate based on location. Analytical results will be reviewed and a report will be prepared summarizing and comparing the results to the Illinois Environmental Protection Agency's Tiered Approach to Corrective Action (TACO) standards and assessing areas requiring special handling or disposal.

In addition, the PSI phase will include collection of soil samples for assessment of appropriate disposal practices and consideration as Clean Construction Demolition Debris (CCDD). Collection of soil samples for landfill permitting is not included as part of this scope as that is typically handled as a pay item in the contractor bidding documents.

2. SCOPE OF SERVICES

Task 1 Preliminary Site Investigation (PSI)

H&H utilized the findings of the PESA (June 2013) to preliminarily locate up to eight (8) soil borings along the project corridor to address the sites with identified potential impacts related to the sites that present RECs/PIPs to the reconstruction project.

For budgetary purposes, these borings are planned for advancement to 8 feet deep. However, these depths will be adjusted to be consistent with the proposed plan/profile sheets and consistent with anticipated excavation depths to ensure that the PSI addresses the RECs/PIPs to depths consistent with planned excavation.

Task 2 Analytical

Boring locations where petroleum products or other volatile organic compounds represent the primary concern, samples will be field screened with a photoionization detector (PID). The sample with the highest PID reading in each boring will be analyzed for:

- **Volatile Organic Compounds** (up to 4 samples) – VOCs are volatile compounds found in gasoline and related to various solvents;
- **Benzene, Toluene, Ethyl benzene, and Xylene (BTEX)** (up to 6 samples) – BTEX are volatile compounds found in gasoline and other volatile petroleum-based products; and
- **Polynuclear Aromatic Compounds (PNAs)** (up to 8 samples) – PNAs are semi-volatile compounds commonly formed during incomplete combustion of organic compounds. PNAs can be formed by the combustion of wood, coal, and petroleum products. They are also found in less refined, nonvolatile petroleum products and can be used to identify potential for diesel or fuel oil contamination in soil.

Other field screening factors such as visual, or proximity to potential sources of known contamination to determine which samples will be analyzed to identify the presence of:

- **Select Total RCRA Metals** (up to 8 samples) – Federal environmental regulations identify eight (8) heavy metals as hazardous if present in a *solid waste* at concentrations above varying threshold concentrations. Select soil samples collected for this project will be analyzed for the presence of metals believed to be present and associated with the RECs (PIPs). Total lead is the only metal associated with LUST sites. No other metals will be analyzed. These select samples will be analyzed for consideration as Clean Construction and Demolition Debris (CCDD).
- **SPLP Metals** (up to 8 samples) – The SPLP, or Synthetic Precipitation Leaching Procedure is designed to determine the mobility of both organic and inorganic analytes present in solid wastes. This analytical method will only be used if required to determine final disposition of spoils if a sample indicates elevated levels of metals which require further analysis for disposal.

In addition, up to 12 soil samples will be analyzed for pH to evaluate the acidic or alkaline characteristics of a liquid or solid. High concentrations of either acid or alkaline materials introduced into the environment can impair the effected environment. Soil pH is important in assessing metal concentrations relative to migration to groundwater according to TACO Tier 1 objectives and the CCDD Maximum Allowable Concentrations (MACs).

Task 3 PSI Report Preparation and CCDD Determination

A report summarizing the results of the soil sample collection activities and analytical results will be prepared. This proposal also includes time for preparing the PE certification needed for CCDD under the new IEPA regulations, if applicable based upon analytical results. For these tasks, the scope of work includes time necessary to manage the project, including scheduling and coordination with the prime consultant, drillers and environmental laboratories.

3. PROJECT COSTS

The estimated man-hours and project costs are tabulated in the attached tables. It is assumed that the driller can access the boring locations. Traffic control costs have not been included in the estimate with the assumption that any required soil borings can be conducted within rights-of-way outside of Deerfield Road or on private parcels where the proposed bike path alternatives exist. It is anticipated that all soil cuttings will be returned to the boring from which it originated. No disposal of waste material is anticipated from proposed soil borings.

4. SCHEDULE

We anticipate that work will begin for the PSI within 10 days of the Notice to Proceed and will be completed within 12 weeks from the start date to account for potential access coordination. Please indicate acceptance of this agreement by returning a signed copy of this agreement or a purchase order incorporating the terms of the agreement. We appreciate the opportunity to work with you and look forward to a successful completion of the project. If you have any questions concerning our proposed scope of services or fees, please contact us.

CONTRACT TERMS

1. **CONSULTANT'S SERVICES:** The Consultant's (Huff & Huff, Inc.) services shall consist of those tasks described in Section 2.
2. **SCHEDULE:** The Consultant's work under this Agreement shall begin within two weeks of receipt of written notice to proceed or a signed copy of this Agreement.
3. **COMPENSATION:** The fee basis for the scope of work, as outlined in Section 4, pertains to the specific scope work.
4. **DIRECTION:** For work performed under this Agreement, Consultant shall take direction from the CLIENT.
5. **CHANGES:** This Agreement may only be changed by written amendment which specifies the terms being revised and which has been signed by both parties hereto.
6. **PROJECT DATA:** The Consultant, in coordination with the CLIENT, shall obtain from the appropriate sources all data and information necessary for the proper and complete execution of the Consultant's services.
7. **INDEPENDENT CONSULTANT:** The Consultant shall be deemed to be an independent contractor in all its operations and activities hereunder. The employees furnished by Consultant to perform the work shall be deemed to be Consultant employees exclusively, and said employees shall be paid by Consultant for all services in this connection. The Consultant shall be responsible for all obligations and reports covering Social Security, Unemployment Insurance, Workmen's Compensation, Income Tax, and other reports and deductions required by an applicable state or Federal law.
8. **RIGHTS OF WORK PRODUCT:** CLIENT shall have unlimited rights in all drawings, designs, specifications, notes, and other work developed in the performance of this contract, including the right to use same on any other work without additional cost to the CLIENT. The Consultant shall not be liable for any use or reuse of the drawings, designs, specifications, notes and other work for use other than intended under the terms of this Agreement.
9. **INDEMNIFICATION:** The Consultant hereby agrees to indemnify and hold harmless the CLIENT and any proper owners whose property it is necessary to access in the performance of this work, against any and all liability, loss, damages, demands, or actions or causes of action, which may result from any damages or injuries sustained by a person or entity in connection with or on account of any negligent act or omission of the Consultant or its employees relating to its obligations pursuant to this Agreement.
10. **TERMINATION:** CLIENT may terminate this Agreement at any time upon ten (10) days written notice for whatsoever reason, provided CLIENT shall pay the Consultant a reasonable fee for work satisfactorily performed prior to the effective date of termination. In no case, however, shall the total amount paid to Consultant exceed the amount set out above.

11. INSURANCE: The Consultant shall maintain insurance as set forth in the prime contract, if attached, or as set forth below.
 - a. Worker's Compensation and Employer's Liability Insurance: Worker's Compensation in compliance with applicable State and Federal laws.
 - b. Comprehensive General Liability Insurance for Bodily Injury and Property Damage to a combined single limit of \$2,000,000 per occurrence/claim or an umbrella of \$3,000,000.
 - c. Comprehensive Automobile Liability Insurance, including owned, hired, and non-owned automobiles, for Bodily Injury and Property Damage to a combined single limit of \$1,000,000 per occurrence/\$2,000,000 aggregate.
 - d. Professional liability insurance \$2,000,000 on a claims made basis.
12. STANDARD OF CARE: Services performed by the Consultant under this Agreement will be conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions.
13. RETENTION OF RECORDS: Consultant shall maintain complete records of all hours billed and direct costs incurred under this Agreement so as to accurately reflect the services performed and basis for compensation and reimbursement under this Agreement.
14. LEGAL: This Agreement shall be construed and interpreted solely in accordance with the laws of the State of Illinois.

BOTH PARTIES HERETO WARRANT AND REPRESENT that they have full right, power, and authority to execute this Contract.

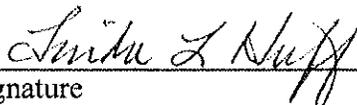
IN WITNESS THEREOF, the parties hereto have executed this Agreement as of the day and year first specified above.

CONSULTANT

CLIENT

HUFF & HUFF, INC.

CHRISTOPHER B. BURKE
ENGINEERING, LTD.



Signature

Signature

By: Linda L. Huff, P.E.

Typed Name

Typed Name

President

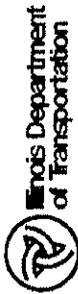
Officer's Title

Officer's Title

July 10, 2013

Date

Date



**Payroll Escalation Table
Fixed Raises**

FIRM NAME Huff & Huff, Inc.
PRIME/SUPPLEMENT CBBEL

DATE 7/9/2013
PTB NO. _____

CONTRACT TERM 10 MONTHS
START DATE 7/15/2013
RAISE DATE 1/1/2014

OVERHEAD RATE 137.58%
COMPLEXITY FACTOR 0
% OF RAISE 3.00%

ESCALATION PER YEAR

7/15/2013 - 1/1/2014
6
10

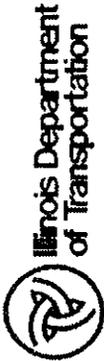
1/2/2014 - 5/1/2014
4
10

= 60.00%
= 1.0120

41.20%

The total escalation for this project would be:

1.20%



Average Hourly Project Rates

Route Deerfield Road
 Section Bike Path West
 County Lake
 Job No. _____
 PTB/Item _____

Consultant Huff & Huff, Inc.

Date 7/9/2013

Sheet 1 OF 1

Payroll Classification	Total Project Rates			01 PSI			02 Analytical			03 Report and CCDD			Hours	% Part.	Wgtd Avg
	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg			
Principal	3	4.29%	2.86	1	4.35%	2.90	0			2	4.76%	3.17			
Senior Geologist I	17	24.29%	8.22	6	26.09%	8.83	3	60.00%	20.30	8	19.05%	6.45			
Project Engineer I	40	57.14%	15.60	16	69.57%	18.99	2	40.00%	10.92	22	52.38%	14.30			
Senior CADD I	2	2.86%	1.06	0			0			2	4.76%	1.77			
CADD II	6	8.57%	2.32	0			0			6	14.29%	3.87			
Admin. Manager I	0			0			0			0					
Administrative IV	2	2.86%	0.64	0			0			2	4.76%	1.06			
	0														
	0														
	0														
TOTALS	70	100%	\$30.70	23	100%	\$30.72	5	100%	\$31.23	42	100%	\$30.62	0	0%	\$0.00

SUMMARY OF INHOUSE DIRECT COSTS

Project: CBBEL - Deerfield Road Bike Path West (PSI)

						<u>DIRECT</u>
Task 1 - PSI						
Trips - Company	60 miles	x	2 x	\$ 0.565	=	\$ 67.80
Tolls	4	x	2 x	\$ 0.90	=	\$ 7.20
PID	1 day	x	1 x	\$ 75.00	=	\$ 75.00
Field Kit	1 day	x	1 x	\$ 30.00	=	\$ 30.00
Task Total						\$ 180.00
 Task 2 - Analytical						
						0 x \$ - = \$ -
						Task Total \$ -
 Task 3 - Report and CCDD						
Reproduction	3 sets	x	200 x	\$ 0.03	=	\$ 18.00
Color copies	3 sets	x	10 x	\$ 0.11	=	\$ 3.30
Photo sheets	3 sets	x	5 x	\$ 0.11	=	\$ 1.65
						0 x \$ - = \$ -
						Task Total \$ 22.95
GRAND TOTAL						\$ 202.95

SUMMARY OF OUTSIDE DIRECT COSTS
 Project: CBBEL - Deerfield Road Bike Path West (PSI)

			<u>OUTSIDE</u>	
Task 1 - PSI				
_____	x		= \$	-
		Task Total	= \$	-
 Task 2 - Analytical				
5035 Kits	12 x	\$ 15.00	=	\$180.00
VOCs	4 x	\$ 126.00	=	\$504.00
BTEX	6 x	\$ 126.00	=	\$756.00
PNA's	8 x	\$ 105.00	=	\$840.00
pH	12 x	\$ 8.40	=	\$100.80
RCRA	8 x	\$ 88.20	=	\$705.60
SPLP	8 x	\$ 70.00	=	\$560.00
		Task Total		\$3,646.40
 Task 3 - Report and CCDD				
Federal Express	1 x	\$ 20.00	= \$	20.00
_____	0 x	\$ -	= \$	-
		Task Total	= \$	20.00
<hr/>				
		GRAND TOTAL	= \$	3,666.40

SUMMARY OF SERVICES BY OTHERS
 Project: CBBEL - Deerfield Road Bike Path West (PSI)

		<u>OUTSIDE</u>	
Task 1 - PSI			
Driller	1 x \$ 1,800.00 =	\$	1,800.00
	0 x \$ - =	\$	-
	Task Total	\$	1,800.00
 Task 2 - Analytical			
	Task Total	\$	-
 Task 3 - Report and CCDD			
	Task Total	\$	-
<hr/>			
	GRAND TOTAL	\$	1,800.00