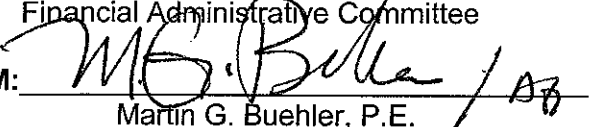


Riverwoods Rd at Everett Rd - Roundabout
LCDOT Change Order No. 2

TO: Public Works and Transportation Committee
Financial Administrative Committee

FROM:


Martin G. Buehler, P.E.
County Engineer

Committee Action Meeting Date

DATE: August 31, 2010

DATE: August 31, 2010

SUBJECT: Change Order No. 2


Section No. 04-00136-06-CH

Joint Committee action item approving Change Order No. 2 consisting of an increase of \$16,148.01 for additions to the Riverwoods Rd at Everett Rd - Roundabout, Engineering Services, designated as Section No. 04-00136-06-CH.

- Riverwoods Rd at Everett Rd - Roundabout, Engineering Services: LCDOT Change Order No. 2
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The Riverwoods Rd at Everett Rd - Roundabout, project is under contract with Engineering HDR Engineering Inc., in the amount of \$ 147,922.75.
- Additional engineering services are being requested for several revisions to the original scope of work as detailed in the attached Supplement No. 1.

Summary:

Original awarded contract:	\$143,706.56
Change Order No. 2:	\$ 16,148.01
Sum of all changes:	\$ 20,364.20

Local Agency County of Lake	L O C A L A G E N C Y	 Illinois Department of Transportation Preliminary Engineering Services Agreement For Federal Participation SUPPLEMENT #1	Consultant HDR Engineering, Inc.
County Lake			Address 8550 West Bryn Mawr Ave, Suite 900
Section 04-00136-06-CH			City Chicago
Project No. CMM-9003(152)			State Illinois
Job No. D-91-169-09			Zip Code 60631
Contact Name/Phone/E-mail Address Richard McMorris, PE 847-377-7457 rmcmorris@co.lake.il.us			Contact Name/Phone/E-mail Address Joseph Spradling, PE 312-443-4910 joseph.spradling@hdrinc.com

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 PROJECT. Federal-aid funds allotted to the LA by the state of Illinois under the general supervision of the Illinois Department of Transportation (STATE) will be used entirely or in part to finance engineering services as described under AGREEMENT PROVISIONS.

Project Description

Name Everett Road Route FAU 1248 Length 0.57mile Structure No. N/A

Termini At Riverwoods Road

Description All Phase II preliminary engineering for the reconstruction and reconfiguration of the Everett Road and Riverwoods Road intersection

Agreement Provisions

I. THE ENGINEER AGREES,

1. To perform or be responsible for the performance, in accordance with STATE approved design standards and policies, of engineering services for the LA for the proposed improvement herein described.
2. To attend any and all meetings and visit the site of the proposed improvement at any reasonable time when requested by representatives of the LA or STATE.
3. To complete the services herein described within 365 calendar days from the date of the Notice to Proceed from the LA, excluding from consideration periods of delay caused by circumstances beyond the control of the ENGINEER.
4. The classifications of the employees used in the work should be consistent with the employee classifications and estimated man-hours shown in EXHIBIT A. If higher-salaried personnel of the firm, including the Principal Engineer, perform services that are indicated in Exhibit A to be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the payroll rate for the work performed.
5. That the ENGINEER is qualified technically and is entirely conversant with the design standards and policies applicable for the PROJECT; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated herein.
6. That the ENGINEER shall be responsible for the accuracy of the work and shall promptly make necessary revisions or corrections resulting from the ENGINEER's errors, omissions or negligent acts without additional compensation. Acceptance of work by the STATE will not relieve the ENGINEER of the responsibility to make subsequent correction of any such errors or omissions or for clarification of any ambiguities.
7. That all plans and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by the ENGINEER and will affix the ENGINEER's professional seal when such seal is required by law. Plans for structures to be built as a part of the improvement will be prepared under the supervision of a registered structural engineer and will affix structural engineer seal when such seal is required by law. It will be the ENGINEER's responsibility to affix the proper seal as required by the Bureau of Local Roads and Streets manual published by the STATE.
8. That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LA.

9. The undersigned certifies neither the ENGINEER nor I have:
- employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for me or the above ENGINEER) to solicit or secure this AGREEMENT,
 - agreed, as an express or implied condition for obtaining this AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out the AGREEMENT or
 - paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for me or the above ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
 - are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency,
 - have not within a three-year period preceding the AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property,
 - are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (e) and
 - have not within a three-year period preceding this AGREEMENT had one or more public transactions (Federal, State or local) terminated for cause or default.

- To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LA.
- To submit all invoices to the LA within one year of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement.
- To submit BLR 05613, Engineering Payment Report, to the STATE upon completion of the project (Exhibit B).

13. Scope of Services to be provided by the ENGINEER:

- Make such detailed surveys as are necessary for the planning and design of the PROJECT.
- Make stream and flood plain hydraulic surveys and gather both existing bridge upstream and downstream high water data and flood flow histories.
- Prepare applications for U.S. Army Corps of Engineers Permit, Illinois Department of Natural Resources Office of Water Resources Permit and Illinois Environmental Protection Agency Section 404 Water Quality Certification.
- Design and/or approve cofferdams and superstructure shop drawings.
- Prepare Bridge Condition Report and Preliminary Bridge Design and Hydraulic Report, (including economic analysis of bridge or culvert types and high water effects on roadway overflows and bridge approaches).
- Prepare the necessary environmental and planning documents including the Project Development Report, Environmental Class of Action Determination or Environmental Assessment, State Clearinghouse, Substate Clearinghouse and all necessary environmental clearances.
- Make such soil surveys or subsurface investigations including borings and soil profiles as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations to be made in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE.
- Analyze and evaluate the soil surveys and structure borings to determine the roadway structural design and bridge foundation.
- Prepare preliminary roadway and drainage structure plans and meet with representatives of the LA and STATE at the site of the improvement for review of plans prior to the establishment of final vertical and horizontal alignment, location and size of drainage structures, and compliance with applicable design requirements and policies.
- 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.
- Complete the general and detailed plans, special provisions and estimate of cost. Contract plans shall be prepared in accordance with the guidelines contained in the Bureau of Local Roads and Streets manual. The special provisions and detailed estimate of cost shall be furnished in quadruplicate.
- Furnish the LA with survey and drafts in quadruplicate 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.

II. THE LA AGREES,

- 1. To furnish the ENGINEER all presently available survey data and information
- 2. To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas:

Cost Plus Fixed Fee CPFF = 14.5%[DL + R(DL) + OH(DL) + IHDC], or
 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

Specific Rate (Pay per element)

Lump Sum _____

- 3. To pay the ENGINEER using one of the following methods as required by 49 CFR part 26 and 605 ILCS 5/5-409:

With Retainage

- a) **For the first 50% of completed work**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to 90% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) **After 50% of the work is completed**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments covering work performed shall be due and payable to the ENGINEER, such payments to be equal to 95% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- c) **Final Payment** – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and the STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

Without Retainage

- a) **For progressive payments** – Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) **Final Payment** – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

- 4. The recipient shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31U.S.C. 3801 et seq.).

III. IT IS MUTALLY AGREED,

- 1. That no work shall be commenced by the ENGINEER prior to issuance by the LA of a written Notice to Proceed.
- 2. That tracings, plans, specifications, estimates, maps and other documents prepared by the ENGINEER in accordance with this AGREEMENT shall be delivered to and become the property of the LA and that basic survey notes, sketches, charts and other data prepared or obtained in accordance with this AGREEMENT shall be made available, upon request, to the LA or to the STATE, without restriction or limitation as to their use.

3. That all reports, plans, estimates and special provisions furnished by the ENGINEER shall be in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE, it being understood that all such furnished documents shall be approved by the LA and the STATE before final acceptance. During the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.
4. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without written consent of the LA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall not be construed to relieve the ENGINEER of any responsibility for the fulfillment of this agreement.
5. To maintain, for a minimum of 3 years after the completion of the contract, adequate books, records and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with the contract; the contract and all books, records and supporting documents related to the contract shall be available for review and audit by the Auditor General and the STATE; and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the STATE for the recovery of any funds paid by the STATE under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.
6. The payment by the LA in accordance with numbered paragraph 3 of Section II will be considered payment in full for all services rendered in accordance with this AGREEMENT whether or not they be actually enumerated in this AGREEMENT.
7. That the ENGINEER shall be responsible for any and all damages to property or persons arising out of an error, omission and/or negligent act in the prosecution of the ENGINEER's work and shall indemnify and save harmless the LA, the STATE, and their officers, agents and employees from all suits, claims, actions or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy.
8. 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 drawings, plats, surveys, reports, permits, agreements, soils and foundation analysis, provisions, specifications, partial and completed estimates and data, if any from soil survey and subsurface investigation with the understanding that all such material becomes the property of the LA. The LA will be responsible for reimbursement of all eligible expenses to date of the written notice of termination.
9. This certification is required by the Drug Free Workplace Act (30ILCS 580). The Drug Free Workplace Act requires that no grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the State unless that grantee or contractor will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to, suspension of contract or grant payments, termination of a contract or grant and debarment of the contracting or grant opportunities with the State for at least one (1) year but no more than five (5) years.

For the purpose of this certification, "grantee" or "contractor" means a corporation, partnership or other entity with twenty-five (25) or more employees at the time of issuing the grant, or a department, division or other unit thereof, directly responsible for the specific performance under a contract or grant of \$5,000 or more from the State, as defined in the Act.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

- a. Publishing a statement:
 - (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
 - (2) Specifying the actions that will be taken against employees for violations of such prohibition.
 - (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
 - (a) abide by the terms of the statement; and
 - (b) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
- b. Establishing a drug free awareness program to inform employees about:
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's or contractor's policy of maintaining a drug free workplace;
 - (3) Any available drug counseling, rehabilitation and employee assistance program; and
 - (4) The penalties that may be imposed upon an employee for drug violations.
- c. Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
- d. Notifying the contracting or granting agency within ten (10) days after receiving notice under part (B) of paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
- e. Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by,
- f. Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.
- g. Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

10. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of this AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of DOT assisted contracts. Failure by the ENGINEER to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination of this AGREEMENT or such other remedy as the LA deems appropriate.

Agreement Summary

Prime Consultant:	TIN Number	Agreement Amount
HDR Engineering, Inc. (Supplement #1)	47-0680568	\$16,148.01
Sub-Consultants:	TIN Number	Agreement Amount
Spaan Tech (Supplement #1)	36-4245016	\$4,216.19
Sub-Consultant Total:		\$4,216.19
Prime Consultant Total:		\$16,148.01
Total for all Work:		\$20,364.20

Executed by the LA:

Lake County

(Municipality/Township/County)

ATTEST:

By: _____

By: _____

Clerk

Title: _____

(SEAL)

Executed by the ENGINEER:

ATTEST:

By: 

By: 

Title: Project Controller

Title: Vice President

Conflicting IDOT Comment Incorporation

1. Revise Cover Sheet from LCDOT standard cover sheet in pre-final plans to IDOT standard cover sheet for final plans. 6 hours
2. Summary and Schedule of Quantities plan sheet revisions for Contingency Items. Contingency pay items and quantities were added per LCDOT preliminary plan comments. IDOT has requested removal of all contingency quantities. 4 hours
3. Quantity Revisions for Contingency Items. Contingency quantities were added per LCDOT preliminary plan comments. IDOT has subsequently called for the removal of all contingency quantities. 6 items @ 0.5 hour each – 3 hours
4. Quantity Revisions for separate staged curb & gutter pay items. As agreed upon with LCDOT, staged curb & gutter was originally paid for as typical curb & gutter pay items with a note in the Curb & Gutter Special Provisions referring to the plan details depicting the staged construction. IDOT has subsequently required separate “special” pay items for staged curb & gutter, thus creating 3 additional pay items and revising 2 existing pay item quantities. 4 hours
5. Plan and Special Provision Revisions for separate Staged Curb & Gutter pay items. Plan revisions include separate call-outs for the 3 staged curb & gutter pay items on the plan & profile sheets and typical sections. Special Provision revisions include the addition of special provisions for the 3 additional pay items. 8 hours
6. Adding to the schedule of quantities station to station schedules for Earth Excavation. Pre-Final plans had an earth excavation schedule showing excavation per stage per LCDOT preliminary comment requiring staged construction cross sections in order to calculate the earthwork. IDOT has subsequently required earthwork schedules to be inserted in the plans showing station to station end area calculations. These calculations have already been performed in Excel spreadsheets, but need to be formatted and brought into the Schedule of Quantities. 4 hours
7. Incorporation in plans and specifications the final IDOT Bureau of Local Roads comments that were either in conflict with pre-final IDOT comments and/or original IDOT directives. Includes meeting time to review final conflicting comments on 2/5/2010 and 2/11/2010.
 - a. Additional Meeting Time – 2 IDOT District 1 Meetings @ 4 hours each – 8 hours
 - b. Plans, Specifications, and Estimates revisions and coordination – 52 hours
8. Revision of final Erosion and Sediment control BMPs (perimeter erosion barrier, erosion control blanket, tree protection, ditch checks, inlet protection) to limits of proposed construction as opposed to limits of existing and proposed ROW to avoid Isolated Waters of Lake County. 3 sheets @ 2 hours per sheet – 6 hours
9. QC/QA – 6 hours (Assumes 6% of total hours not including Admin.)

10. Admin. – 6 hours (Assumes 6% of total hours not including QC/QA)

Approximate total hours = 107 hours

Assumptions

1. Estimate assumes incorporation of all IDOT pre-final comments that appear to be out-of-scope from the original contract or conflict with original LCDOT direction.
2. Additional plan sheet hours includes re-numbering all other plan sheets.

COST ESTIMATE OF CONSULTANT SERVICES
FIRM: HDR, Inc.

Lake County Division of Transportation
 Route: Everett Road at Riverwoods Road Intersection in the Village of Mettawa
 Section No.: 04-00136-06-CH

Date: 3/10/2010
 File: CECS

Lake County

Overhead: 167.69% IDOT Approved Overhead

Task #	Item	Number of hours	Payroll (hours * weighted rate)	Overhead	In-house DC	Outside DC	Subtotal	Profit	Services by Others	Total	% of Grand Total
1	1.0 Cover Sheet	6	\$ 253.05	\$ 424.34			\$ 677.39	\$ 98.22		\$ 775.61	5%
2	2.0 SOQ and Schedules	8	\$ 319.20	\$ 535.27			\$ 854.47	\$ 123.90		\$ 978.36	6%
3	3.0 Quantity Revisions	7	\$ 283.50	\$ 475.40			\$ 758.90	\$ 110.04		\$ 868.94	5%
4	4.0 Staged Curb & Gutter Revisions	8	\$ 352.80	\$ 591.61			\$ 944.41	\$ 136.94		\$ 1,081.35	7%
5	5.0 Final IDOT Comments	60	\$ 3,005.10	\$ 5,039.25	\$ 16.50	\$ 55.60	\$ 8,116.45	\$ 1,188.82		\$ 9,285.28	58%
6	6.0 ESC Revisions	6	\$ 280.35	\$ 470.12			\$ 772.47	\$ 108.82		\$ 881.29	5%
7	7.0 Admin.	6	\$ 384.35	\$ 610.98		\$ 22.00	\$ 975.33	\$ 141.42		\$ 1,116.75	7%
8	8.0 QC/QA	6	\$ 378.60	\$ 634.87			\$ 1,013.47	\$ 146.95		\$ 1,160.43	7%
	TOTALS	107	\$ 5,236.95	\$ 8,781.84	\$ 16.50	\$ 77.60	\$ 14,112.89	\$ 2,035.12	\$ -	\$ 16,148.01	100%

Lake County Division of Transportation					
Route: Everett Road at Riverwoods Road Intersection in the Village of Mettawa					
Section No.: 04-00136-06-CH					
Lake County					
Task	Expenses	Quantity	Cost Per Unit	Cost	Total Per Task
1	Vehicle Reimbursement			\$ -	
	Daily Vehicle Expense	60	\$ 0.500	\$ 30.00	2 meetings at District 1, 30 miles roundtrip
	Daily Tolls	8	\$ 3.20	\$ 25.60	2 meetings at District 1, 4 tolls per meeting
	Subtotal				\$ 55.60
2	Production (in-house)				
	a. Photocopies (black and white)	50	\$ 0.05	\$ 2.50	
	b. Color Prints	0	\$ 0.50	\$ -	
	c. Plots 11x17	50	\$ 0.14	\$ 7.00	
	d. Plots full size	50	\$ 0.14	\$ 7.00	
	e. Tech Fee	0	\$ 3.70	\$ -	
	Subtotal				\$ 16.50
3	Miscellaneous Supplies (outside)				
	b. Messenger Services	0	\$ 80.00	\$ -	
	d. Postage	50	\$ 0.44	\$ 22.00	Overnight delivery to IDOT District 1 3/5/2010
	e. CDs	0	\$ 0.50	\$ -	
	f. Maps	0	\$ 10.00	\$ -	
	i. Meeting Room Rental	0	\$ 100.00	\$ -	
	Subtotal				\$ 22.00
Total Expenses				\$	94.10

AVERAGE HOURLY PROJECT RATES

Date: 3/10/2010

FIRM: HDR, Inc.

Lake County Division of Transportation
 Route: Everett Road at Riverwoods Road Intersection in the Village of Mettawa
 Section No.: 04-00136-06-CH

Lake County

Sheet 1 of 2

PAYROLL CLASSIFICATION	AVG. HOURLY RATES	1.0 Cover Sheet			2.0 SOQ and Schedules			3.0 Quantity Revisions			4.0 Staged Curb & Gutter Revisions		
		HOURS	% PART.	WGTD RATE	HOURS	% PART.	WGTD RATE	HOURS	% PART.	WGTD RATE	HOURS	% PART.	WGTD RATE
Project Principal	\$ 69.30		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
Project Manager	\$ 57.75	1	16.67%	9.63		0.00%	0.00		0.00%	0.00		0.00%	0.00
Tech Advisor	\$ 52.47		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
Structural Engineer	\$ 41.53		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
Environmental Scientist	\$ 28.52		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
Sr. Civil Engineer	\$ 52.50	1	16.67%	8.75	2	25.00%	13.13	2	28.57%	15.00	4	50.00%	26.25
Civil Engineer	\$ 35.70	4	66.67%	23.80	6	75.00%	26.78	5	71.43%	25.50	4	50.00%	17.85
QA/QC Officer	\$ 60.00		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
Clerical	\$ 29.40		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
TOTALS		6	100.00%	42.18	8	100.00%	39.90	7	100.00%	40.50	8	100.00%	44.10

AVERAGE HOURLY PROJECT RATES

Date: 3/10/2010

FIRM: HDR, Inc.

Lake County Division of Transportation
 Route: Everett Road at Riverwoods Road Intersection in the Village of Mettawa
 Section No.: 04-00136-06-CH

Lake County

Sheet 2 of 2

PAYROLL CLASSIFICATION	AVG. HOURLY RATES	5.0 Final IDOT Comments			6.0 ESC Revisions			7.0 Admin.			8.0 QC/QA		
		HOURS	% PART.	WGTD RATE	HOURS	% PART.	WGTD RATE	HOURS	% PART.	WGTD RATE	HOURS	% PART.	WGTD RATE
Project Principal	\$ 69.30		0.00%	0.00		0.00%	0.00	4	66.67%	46.20	2	33.33%	23.10
Project Manager	\$ 57.75	38	63.33%	36.58	3	50.00%	28.88	1	16.67%	9.63		0.00%	0.00
Tech Advisor	\$ 52.47		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
Structural Engineer	\$ 41.53		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
Environmental Scientist	\$ 28.52		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
Sr. Civil Engineer	\$ 52.50	1.5	2.50%	1.31		0.00%	0.00		0.00%	0.00		0.00%	0.00
Civil Engineer	\$ 35.70	20.5	34.17%	12.20	3	50.00%	17.85		0.00%	0.00		0.00%	0.00
QA/QC Officer	\$ 60.00		0.00%	0.00		0.00%	0.00	1	16.67%	4.90	4	66.67%	40.00
Clerical	\$ 29.40		0.00%	0.00		0.00%	0.00		0.00%	0.00		0.00%	0.00
TOTALS		60	100.00%	50.09	6	100.00%	46.73	6	100.00%	60.73	6	100.00%	63.10